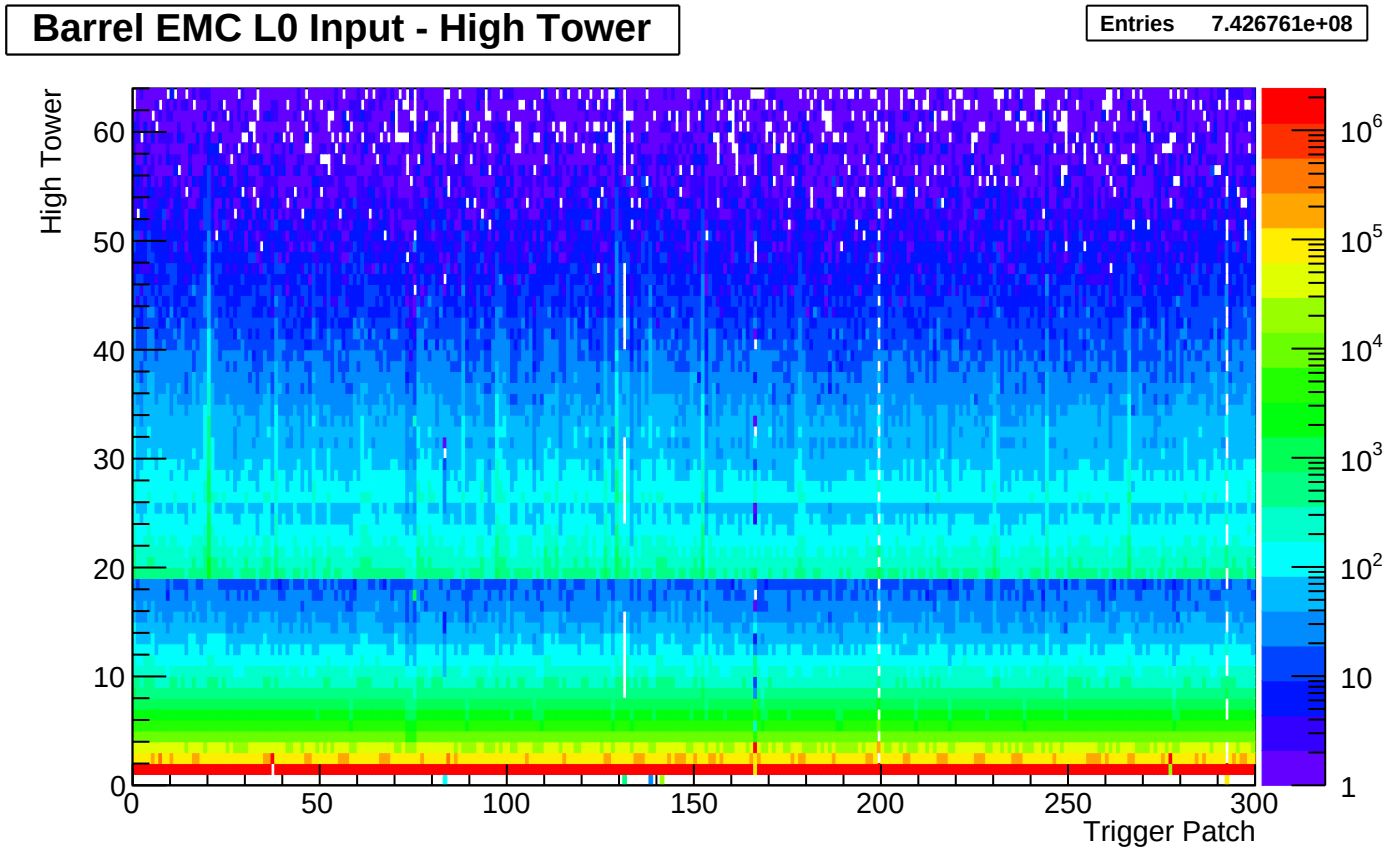
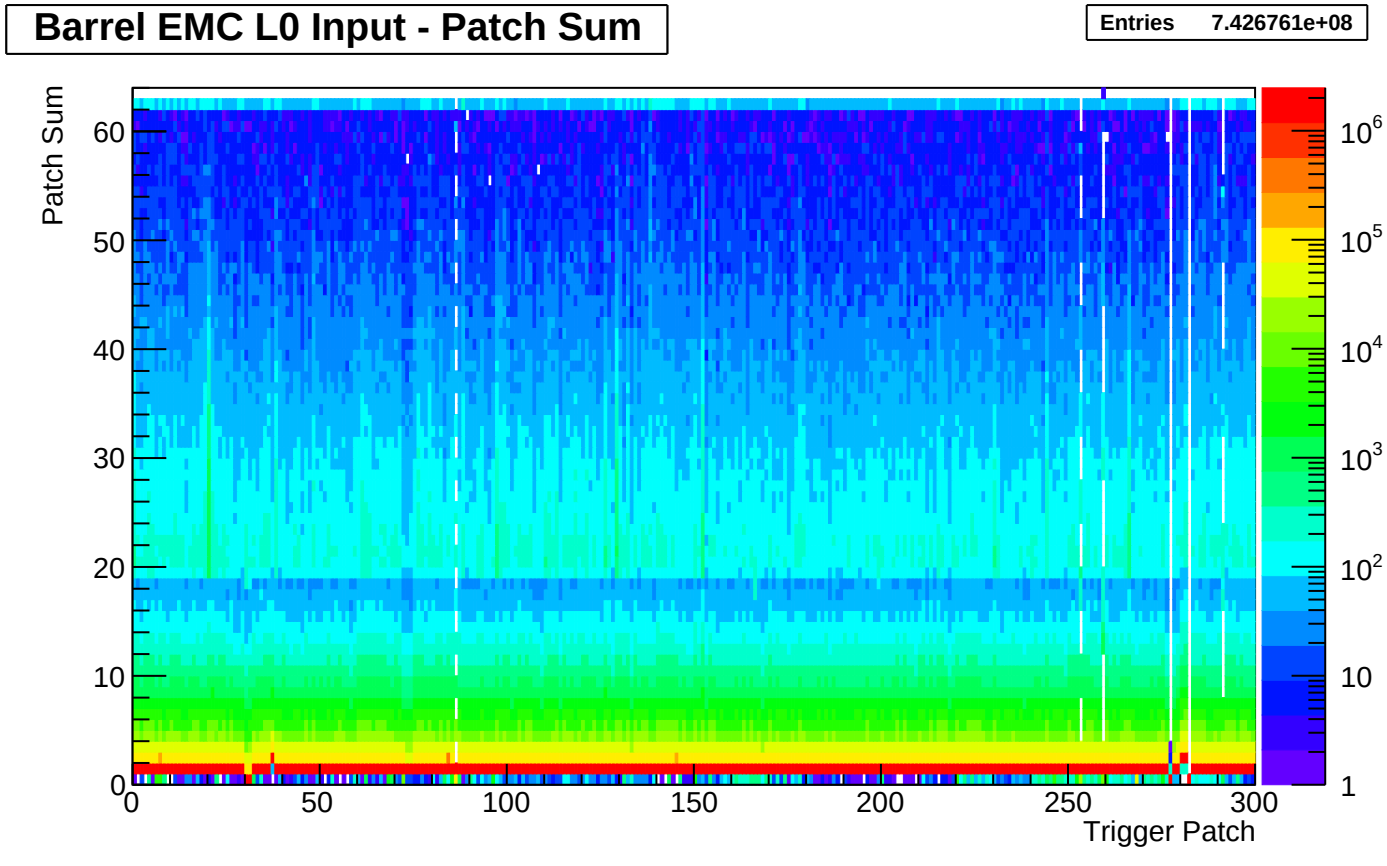
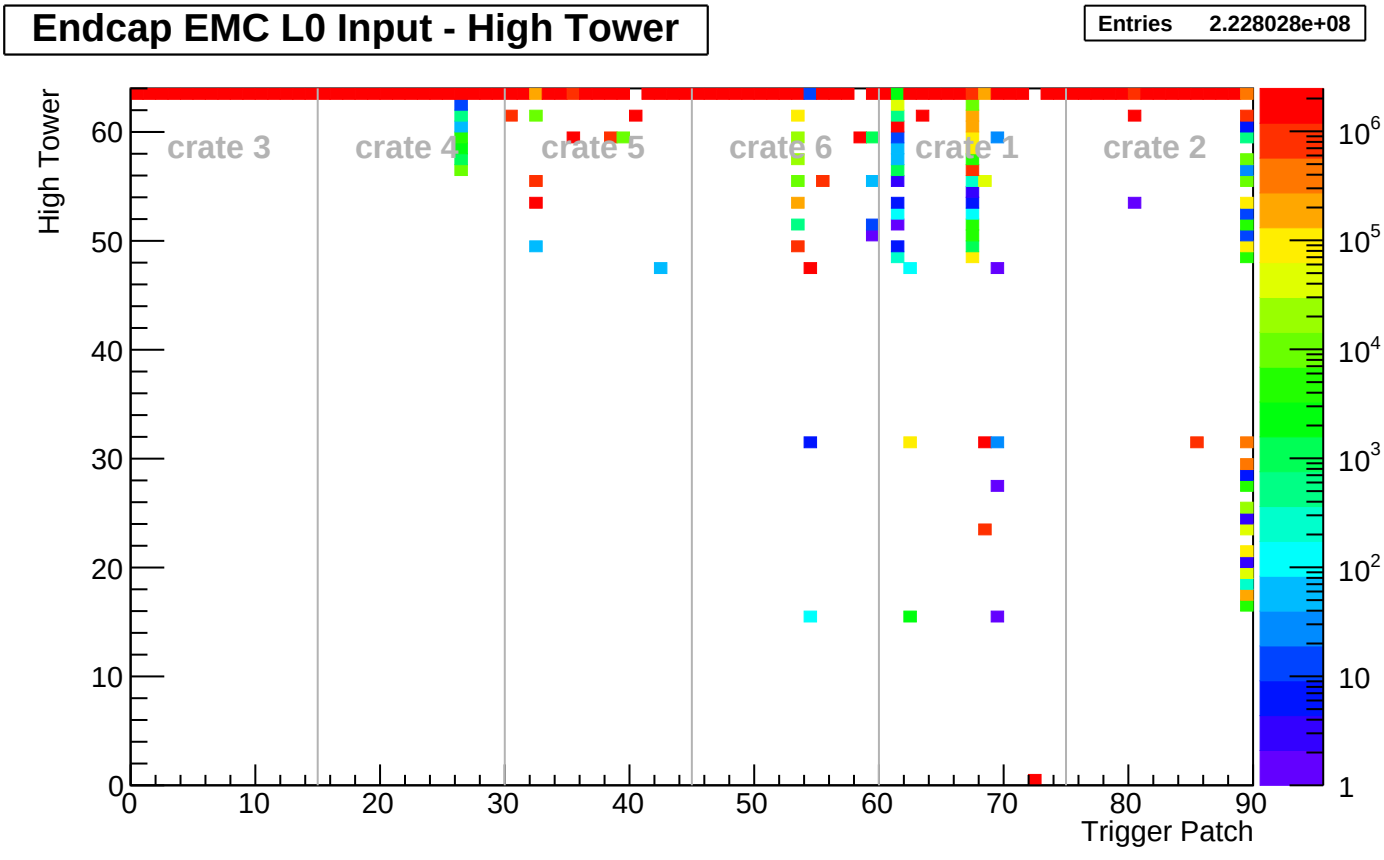
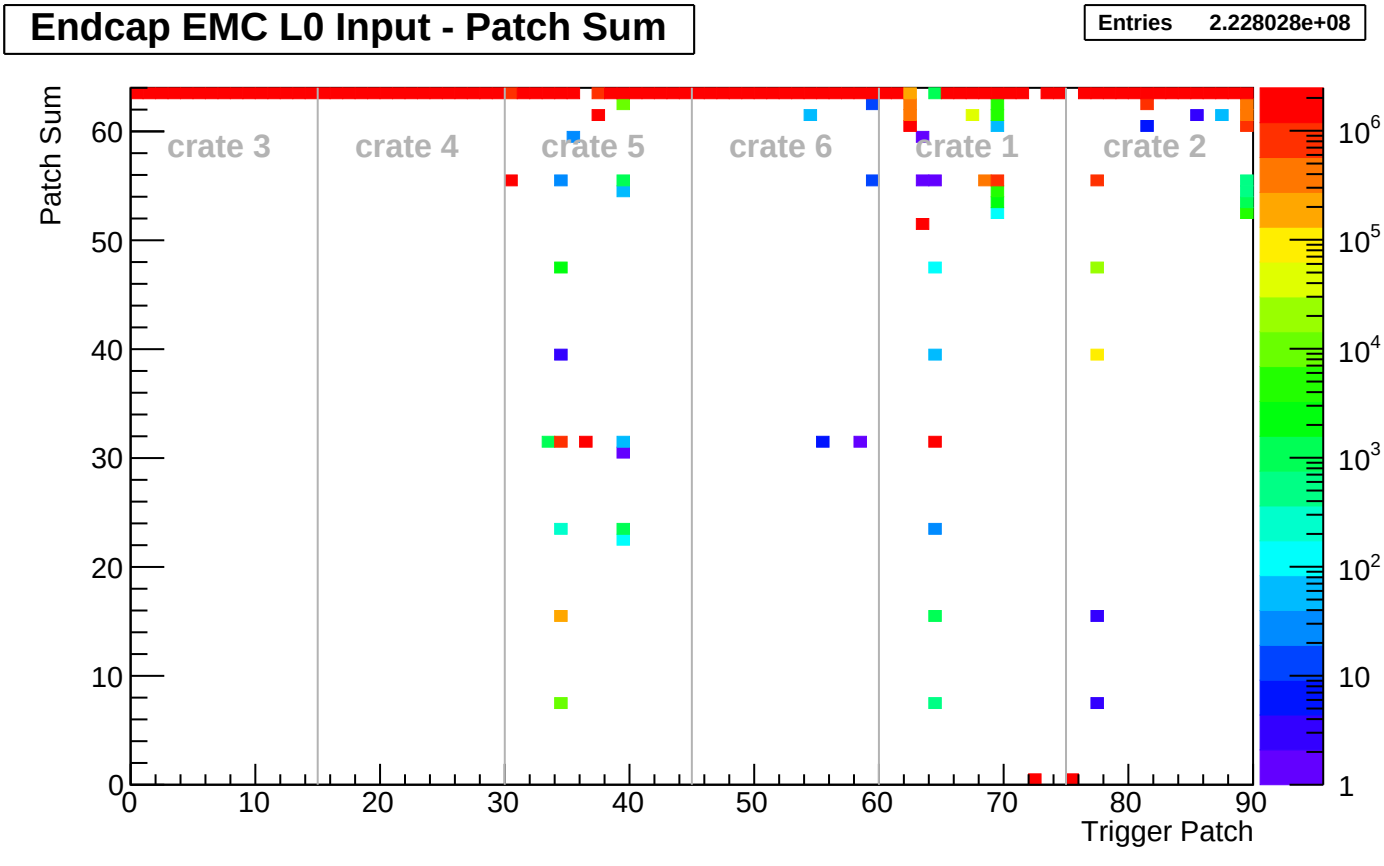
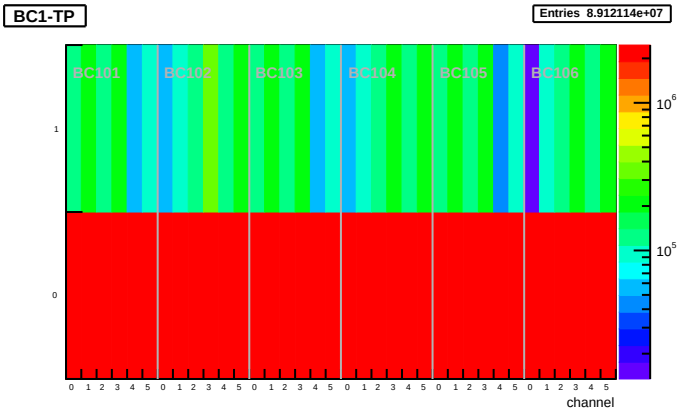
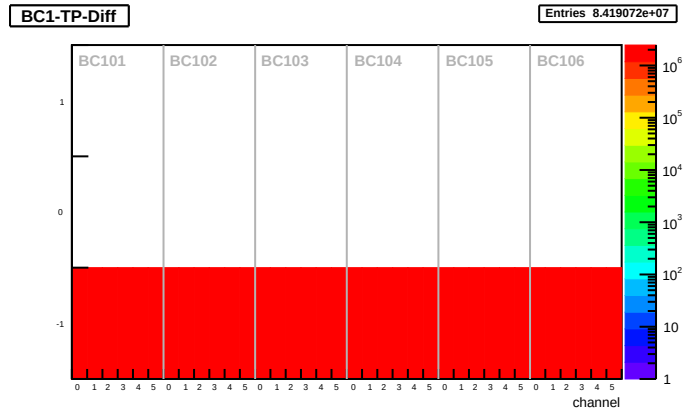

Barrel EMC L0 Input - High Tower
Entries 7.426761e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

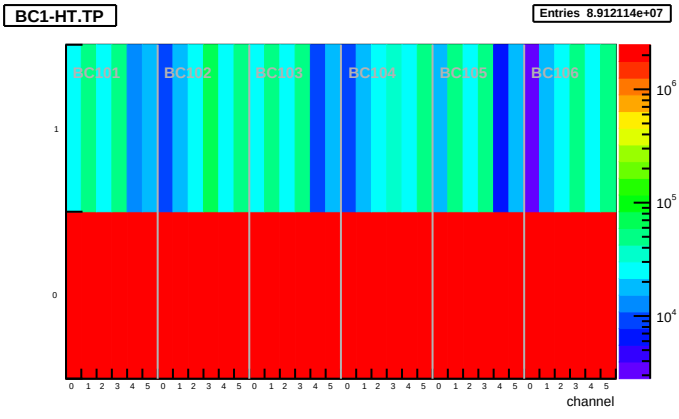

Barrel EMC L0 Input - Patch Sum
Entries 7.426761e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

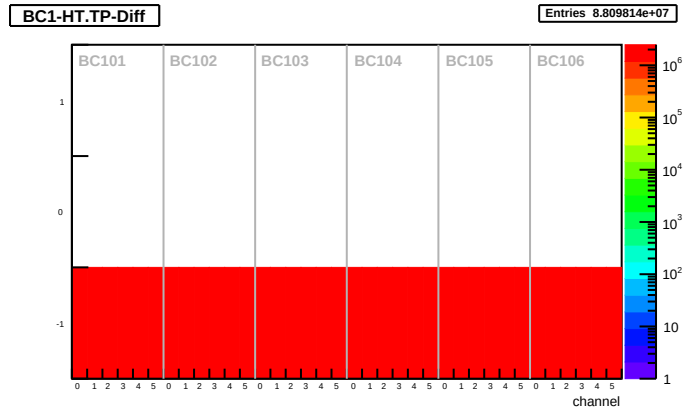

Endcap EMC L0 Input - High Tower
Entries 2.228028e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

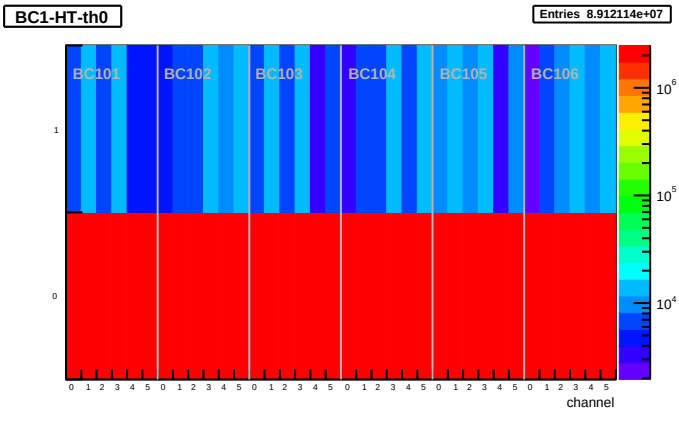

Endcap EMC L0 Input - Patch Sum
Entries 2.228028e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

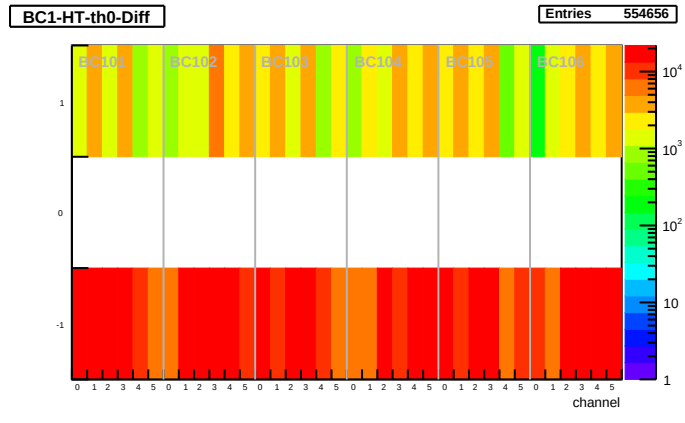

BC1-TP
Entries 8.912114e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

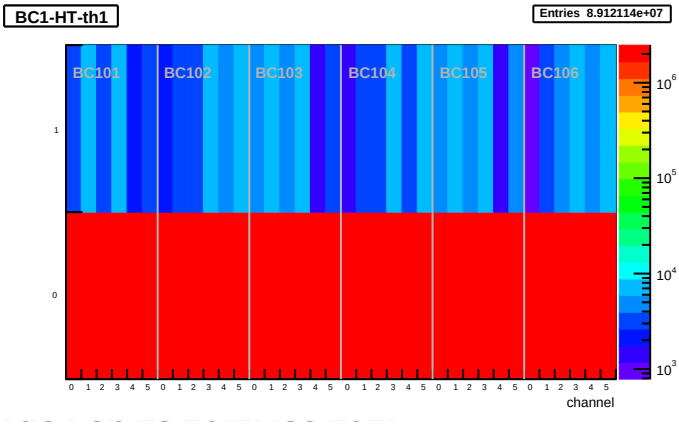

BC1-TP-Diff
Entries 8.419072e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

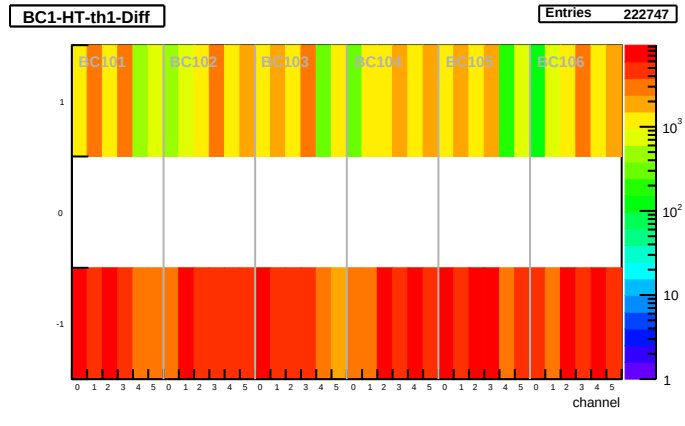

BC1-HT.TP
Entries 8.912114e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

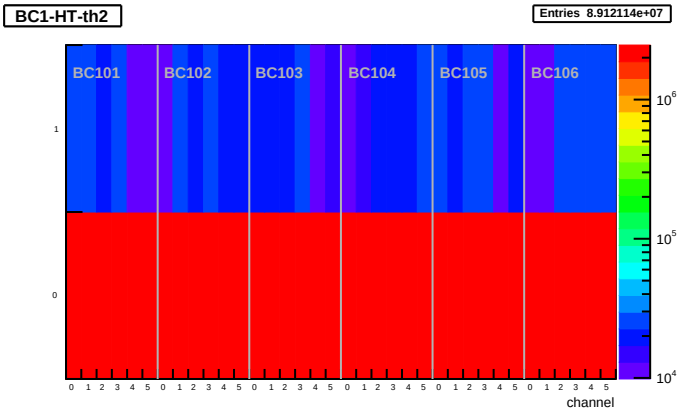

BC1-HT.TP-Diff
Entries 8.809814e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

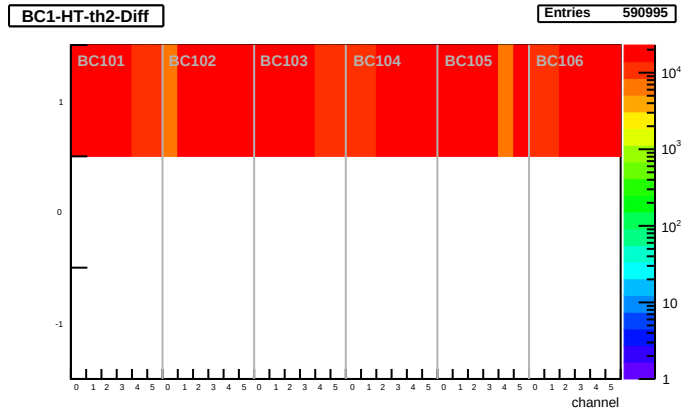

BC1-HT-th0
Entries 8.912114e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

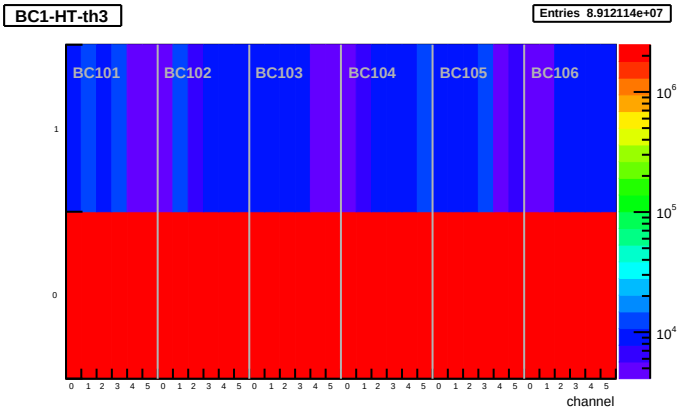

BC1-HT-th0-Diff
Entries 554656
BC101
BC102
BC103
BC104
BC105
BC106
channel

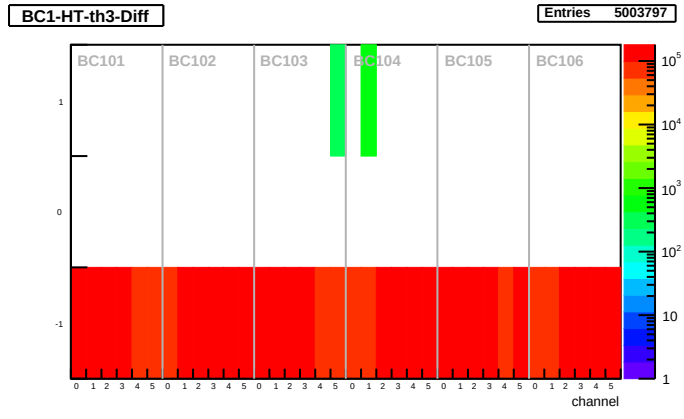

BC1-HT-th1
Entries 8.912114e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

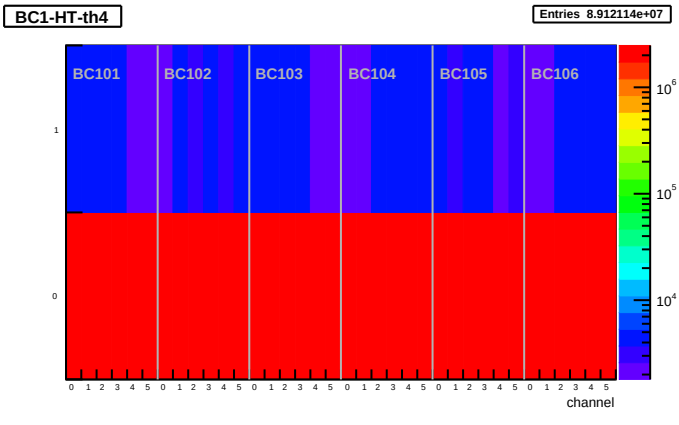

BC1-HT-th1-Diff
Entries 222747
BC101
BC102
BC103
BC104
BC105
BC106
channel

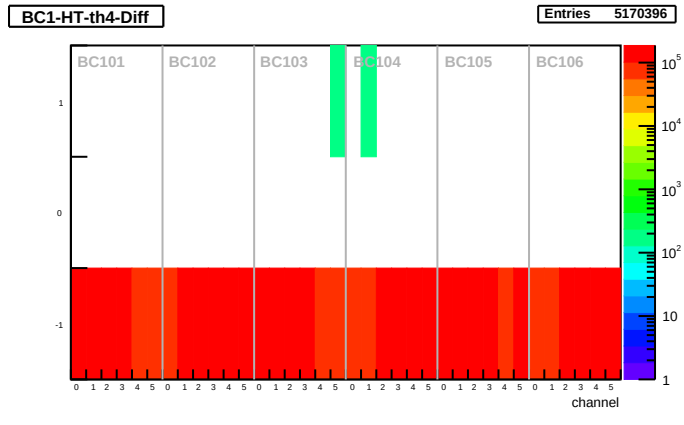

BC1-HT-th2
Entries 8.912114e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

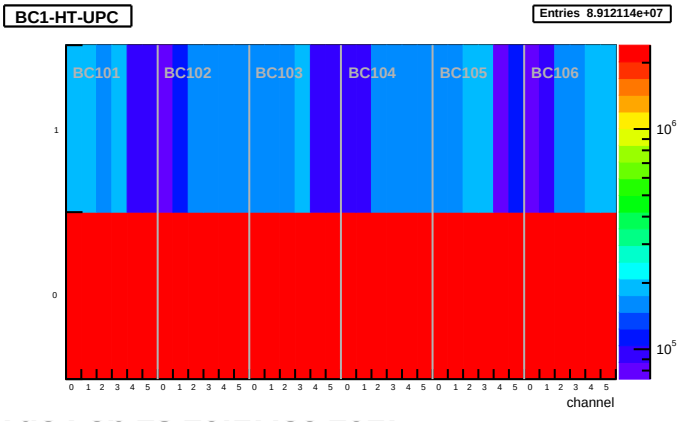

BC1-HT-th2-Diff
Entries 590995
BC101
BC102
BC103
BC104
BC105
BC106
channel

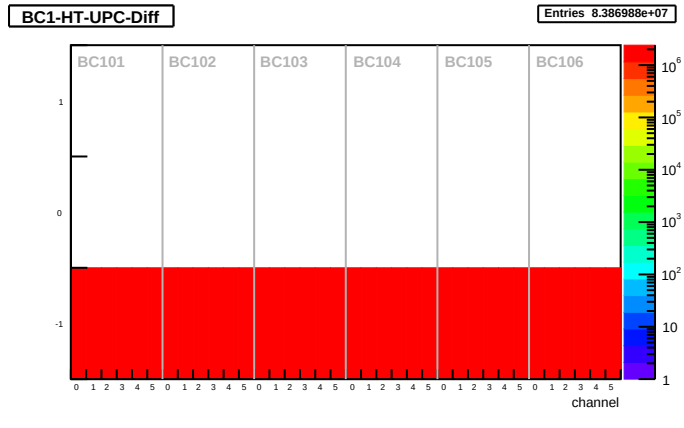

BC1-HT-th3
Entries 8.912114e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

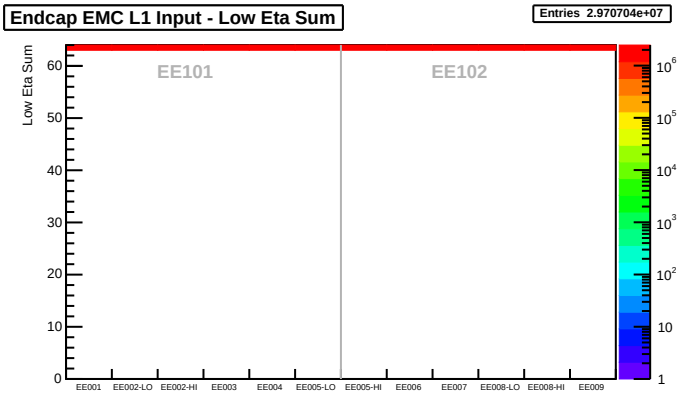

BC1-HT-th3-Diff
Entries 5003797
BC101
BC102
BC103
BC104
BC105
BC106
channel

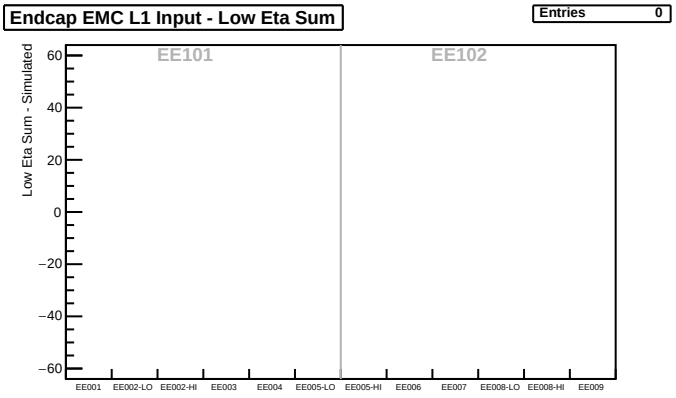

BC1-HT-th4
Entries 8.912114e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

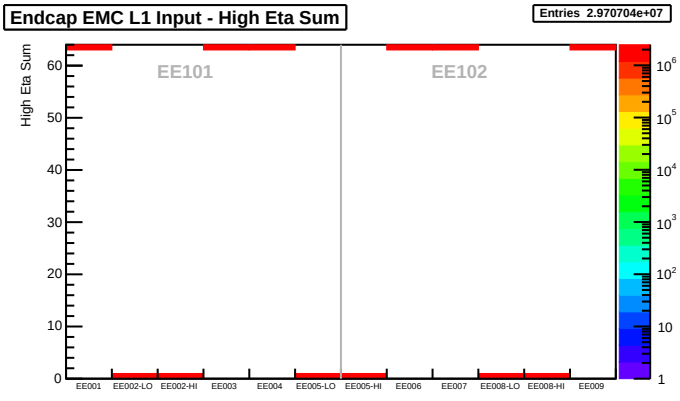

BC1-HT-th4-Diff
Entries 5170396
BC101
BC102
BC103
BC104
BC105
BC106
channel

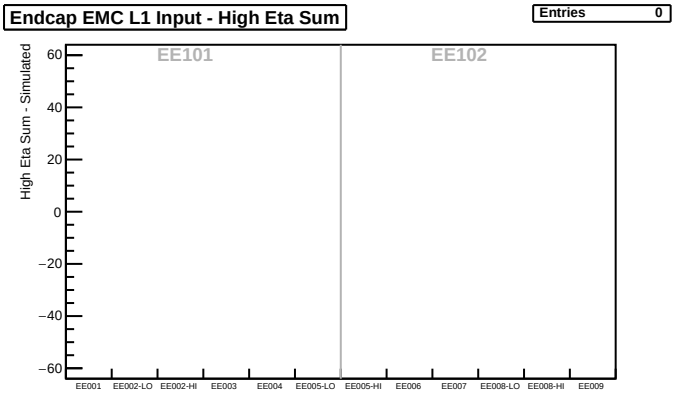

BC1-HT-UPC
Entries 8.912114e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

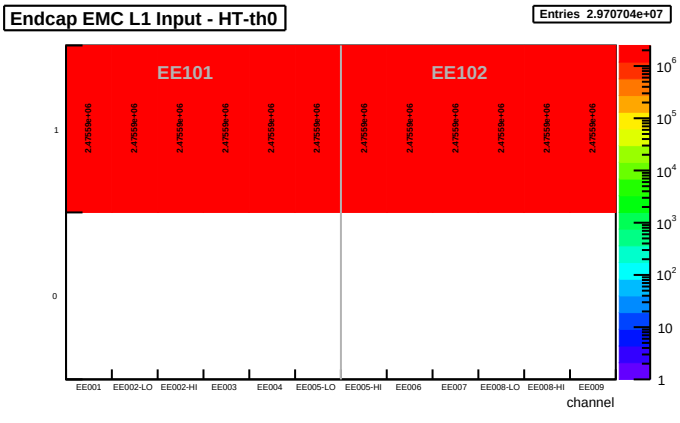

BC1-HT-UPC-Diff
Entries 8.386988e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

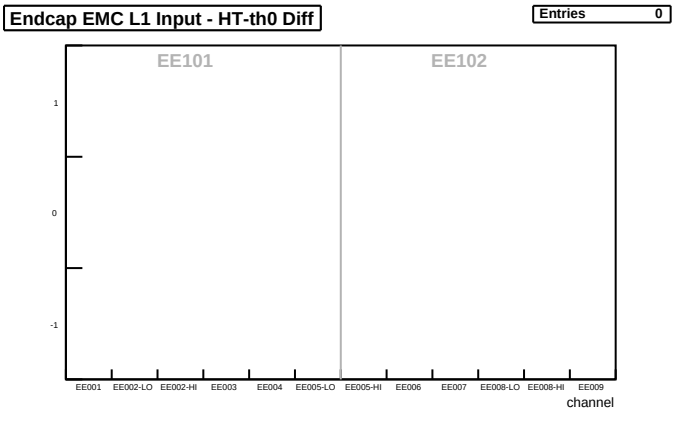

Endcap EMC L1 Input - Low Eta Sum
Entries 2.970704e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

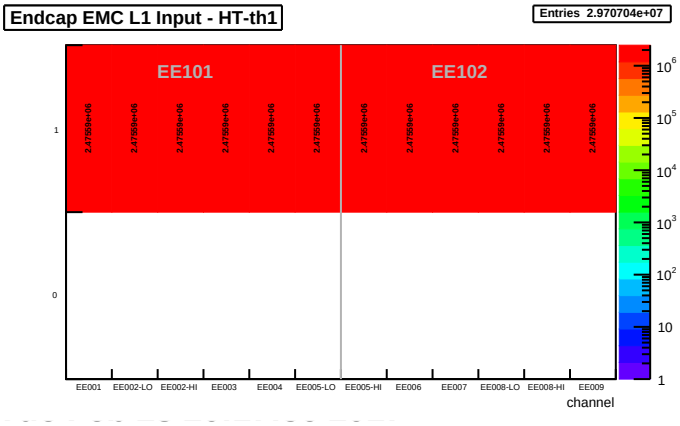

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

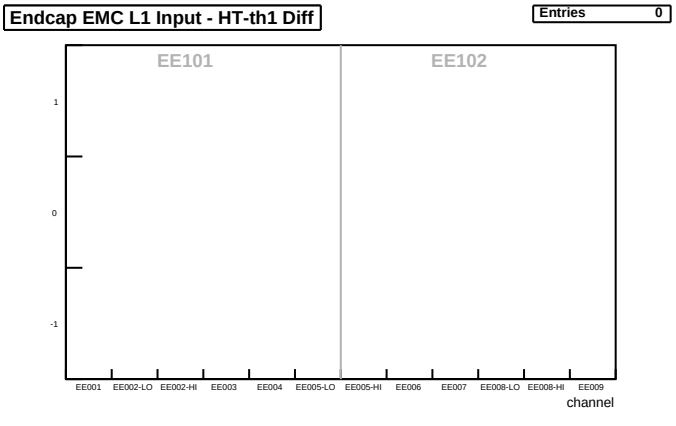

Endcap EMC L1 Input - High Eta Sum
Entries 2.970704e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

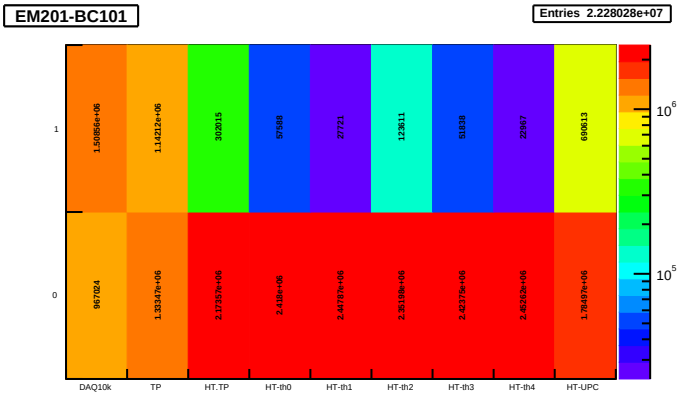

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

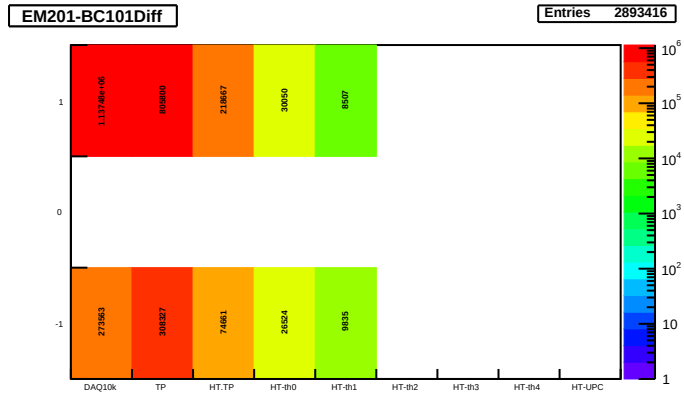

Endcap EMC L1 Input - HT-th0
Entries 2.970704e+07
EE101
EE102
2.47559e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

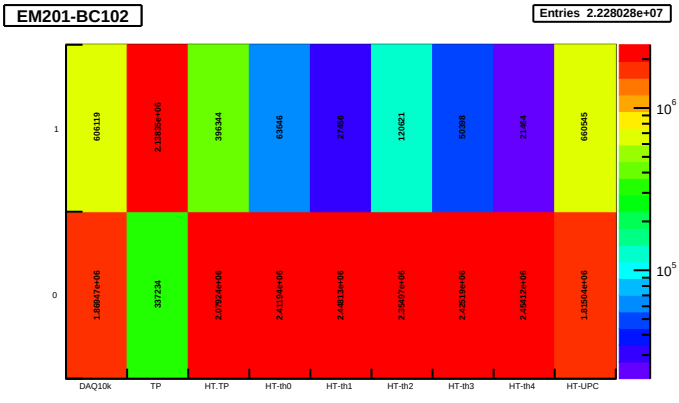

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

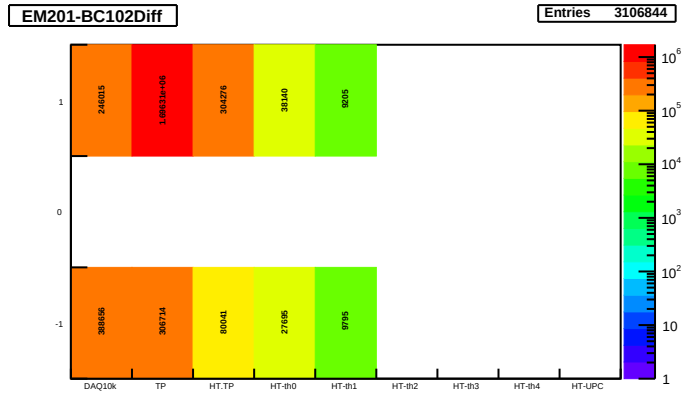

Endcap EMC L1 Input - HT-th1
Entries 2.970704e+07
EE101
EE102
2.47559e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

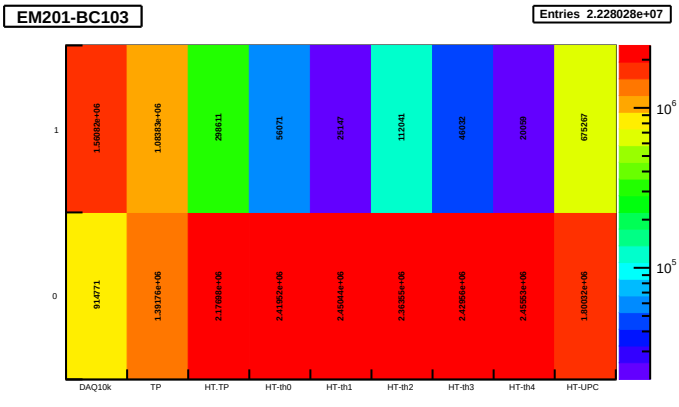

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

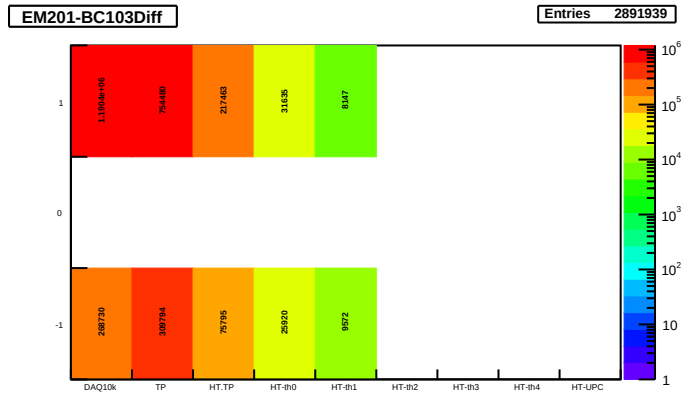

EM201-BC101
Entries 2.228028e+07
1.50856e+06
1.14212e+06
302015
57588
27721
123611
51838
22957
690613
967024
1.33347e+06
2.17357e+06
2.418e+06
2.44787e+06
2.35198e+06
2.42379e+06
2.45282e+06
1.78497e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

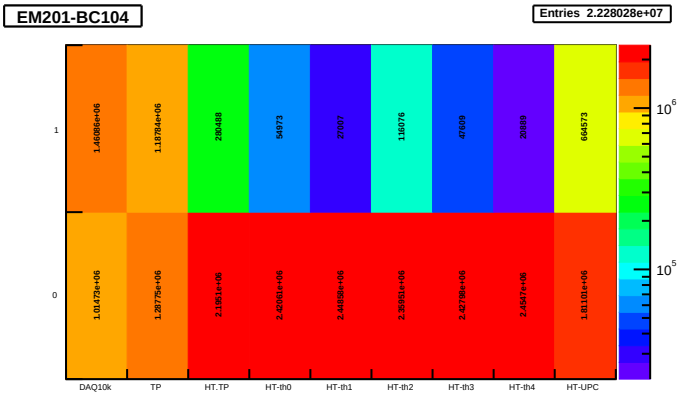

EM201-BC101Diff
Entries 2893416
1.13749e+06
809800
218667
30050
8507
273563
308327
74661
26524
9835
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

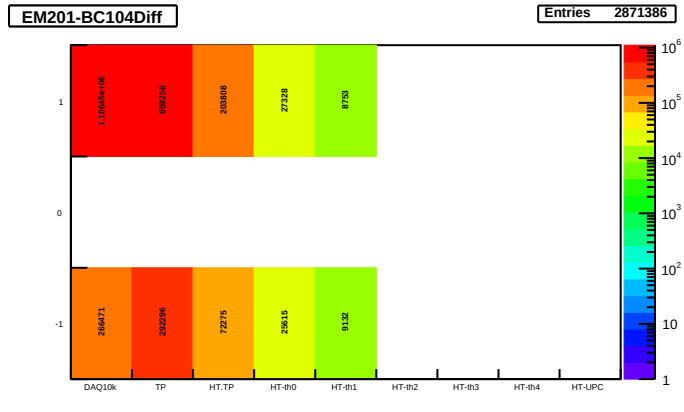

EM201-BC102
Entries 2.228028e+07
606119
2.13235e+06
396344
63646
27456
120621
50398
21464
640545
1.88847e+06
337234
2.07924e+06
2.41194e+06
2.44813e+06
2.35097e+06
2.42519e+06
2.45412e+06
1.81904e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 3106844
246015
1.09531e+06
304276
38140
9205
388856
306714
80041
27695
9795
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

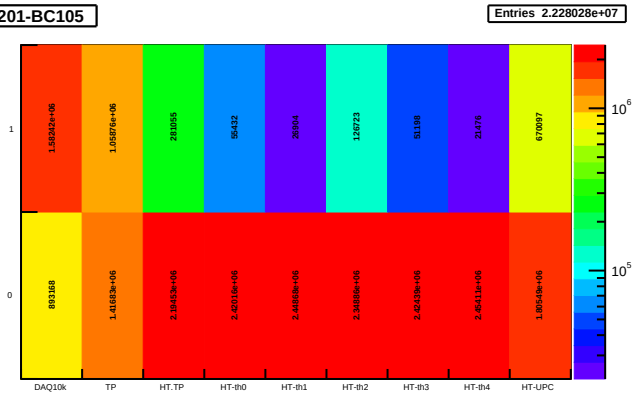

EM201-BC103
Entries 2.228028e+07
1.56862e+06
1.08383e+06
286611
56071
25147
112041
46032
20359
675267
914771
1.39176e+06
2.17868e+06
2.41852e+06
2.45044e+06
2.35355e+06
2.42856e+06
2.45553e+06
1.80032e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 2891939
1.13904e+06
754488
217463
31635
8147
289730
309794
75795
25920
9572
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

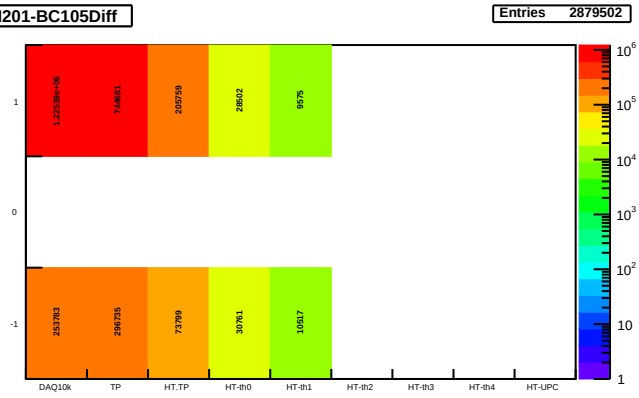

EM201-BC104
Entries 2.228028e+07
1.46086e+06
1.18764e+06
280488
54973
27007
116076
47609
20389
664573
1.01473e+06
1.28775e+06
2.1951e+06
2.42061e+06
2.44588e+06
2.35801e+06
2.42788e+06
2.4547e+06
1.81101e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 2871386
1.10645e+06
859258
202808
27328
8753
266471
292296
72275
25615
9132
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

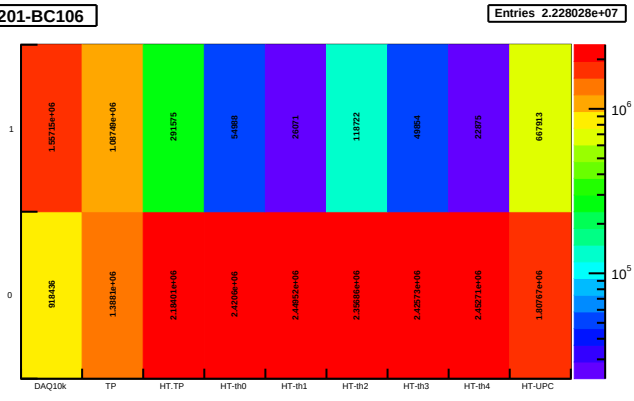
EM201-BC105



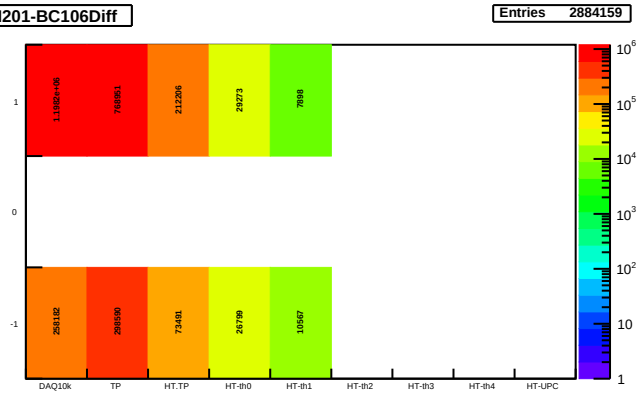
EM201-BC105Diff



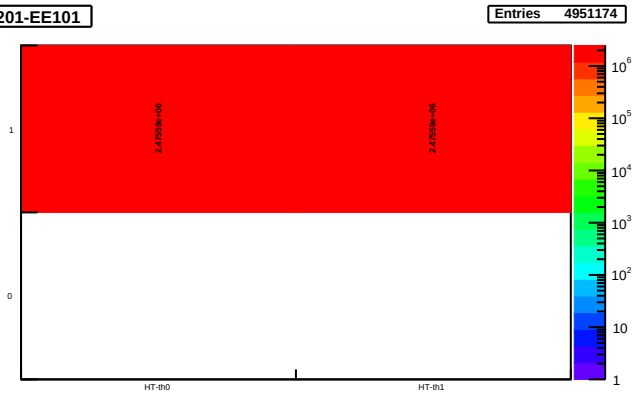
EM201-BC106



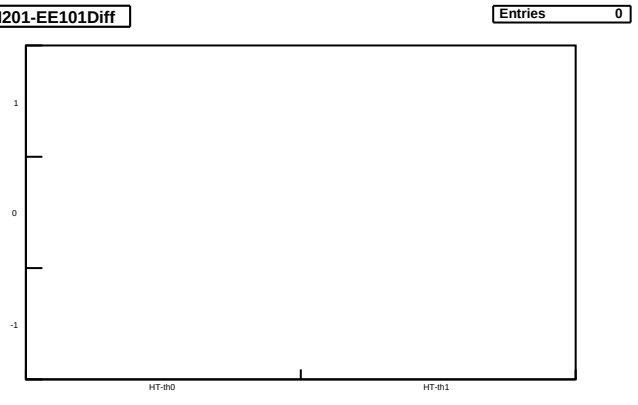
EM201-BC106Diff



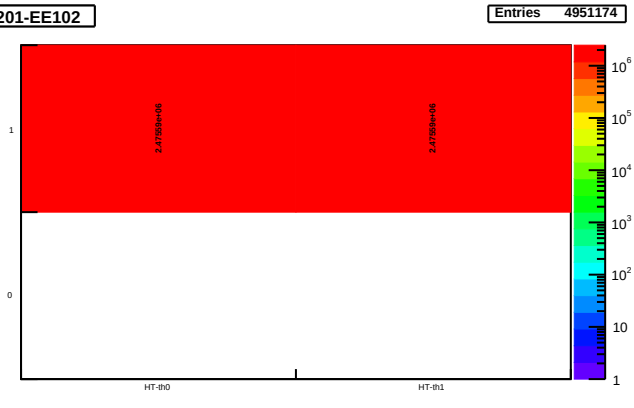
EM201-EE101



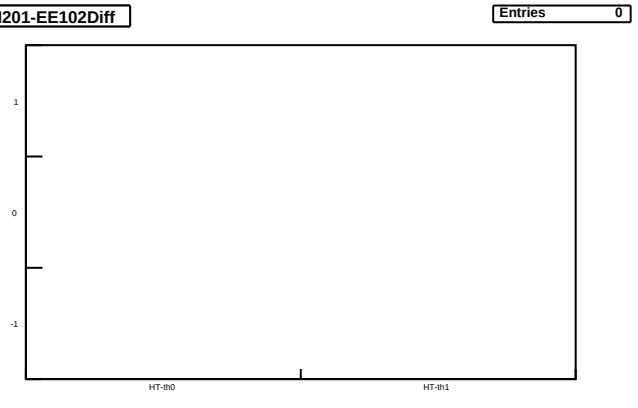
EM201-EE101Diff

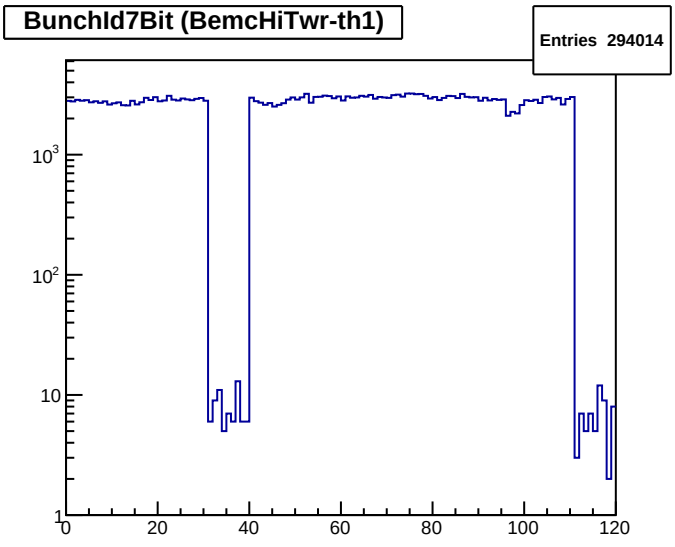


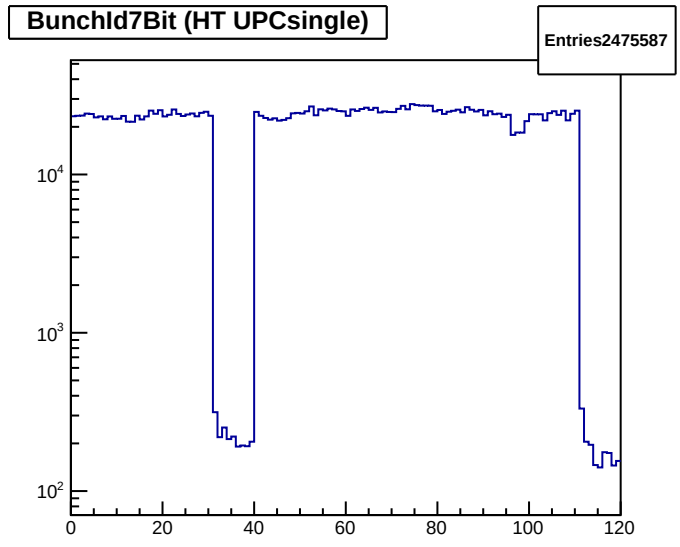
EM201-EE102

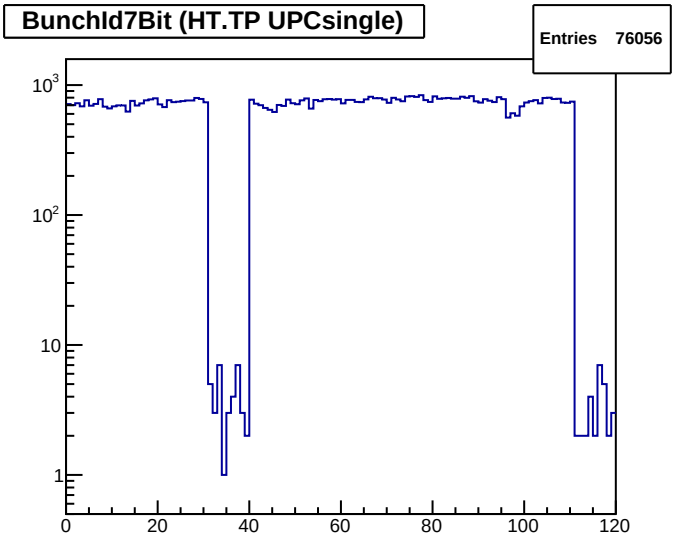


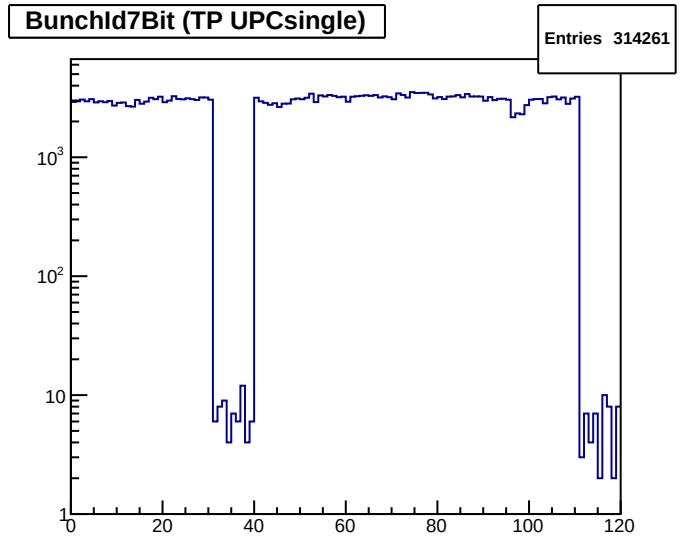
EM201-EE102Diff

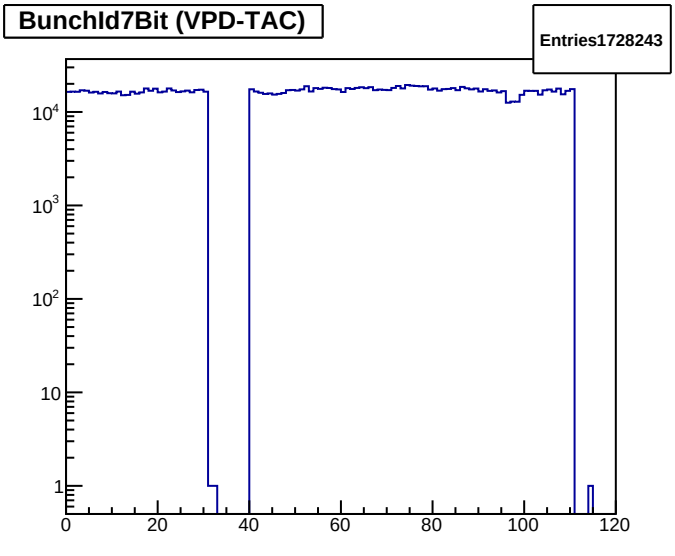


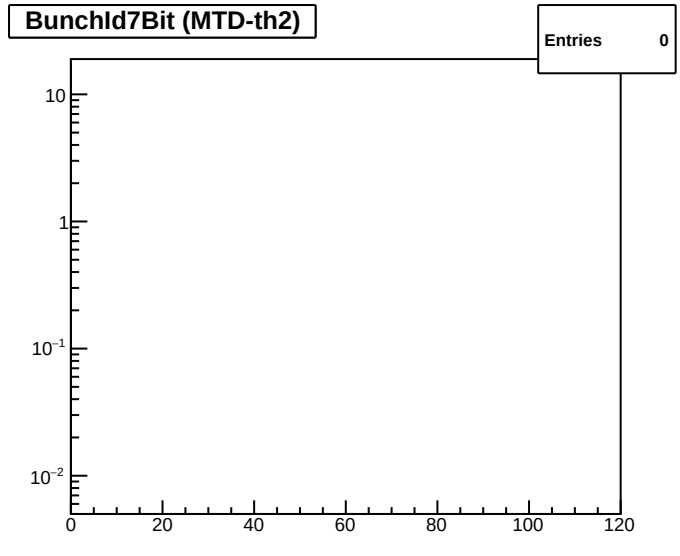

BunchId7Bit (BemcHiTwr-th1)
Entries 294014

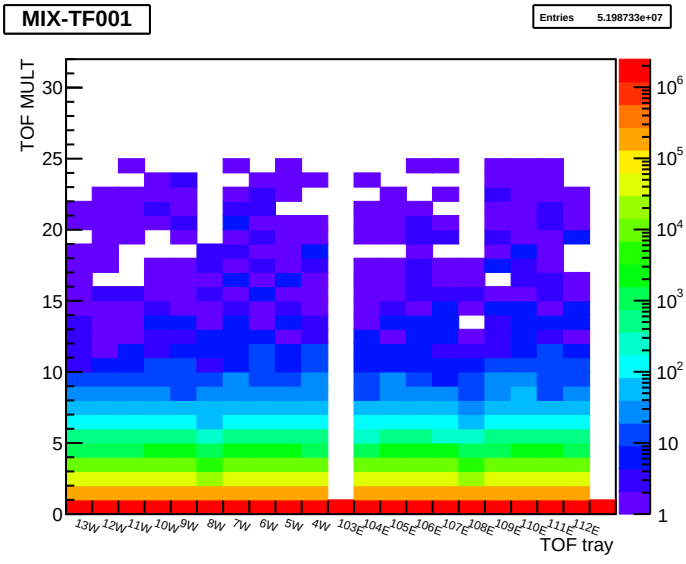

BunchId7Bit (HT UPCsingle)
Entries2475587

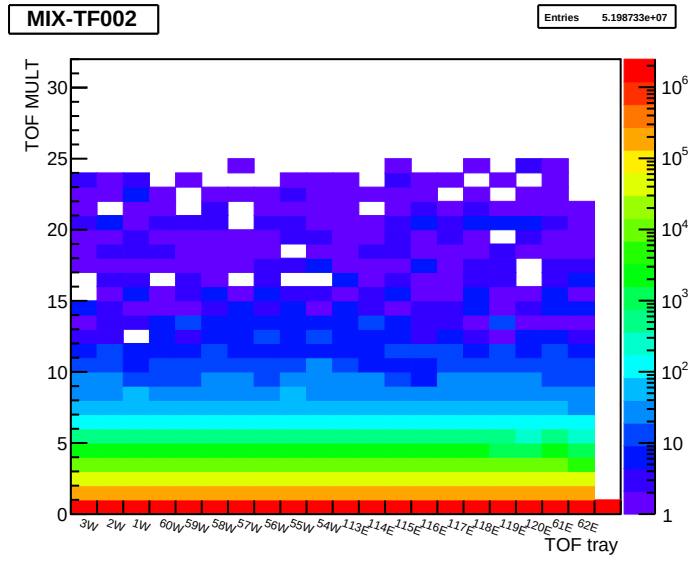

BunchId7Bit (HT.TP UPCsingle)
Entries 76056

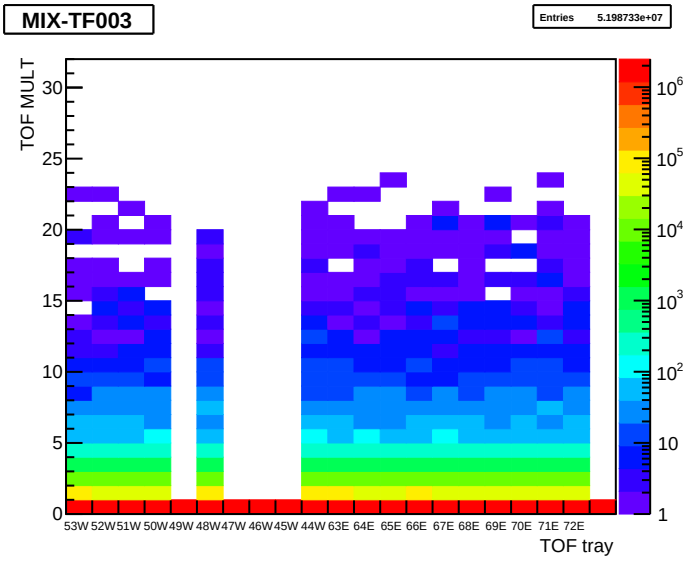

BunchId7Bit (TP UPCsingle)
Entries 314261

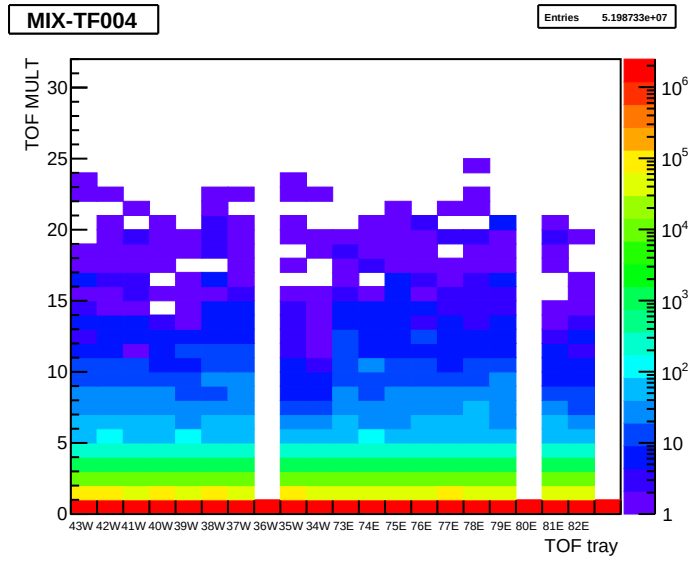

BunchId7Bit (VPD-TAC)
Entries1728243

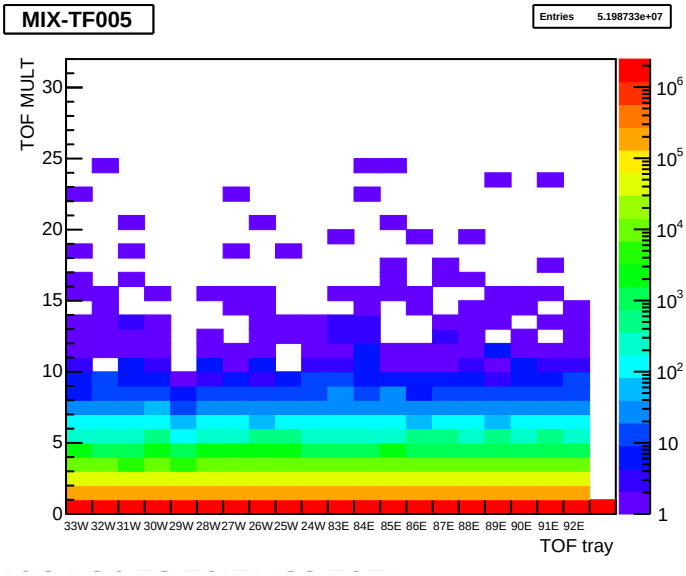

BunchId7Bit (MTD-th2)
Entries 0

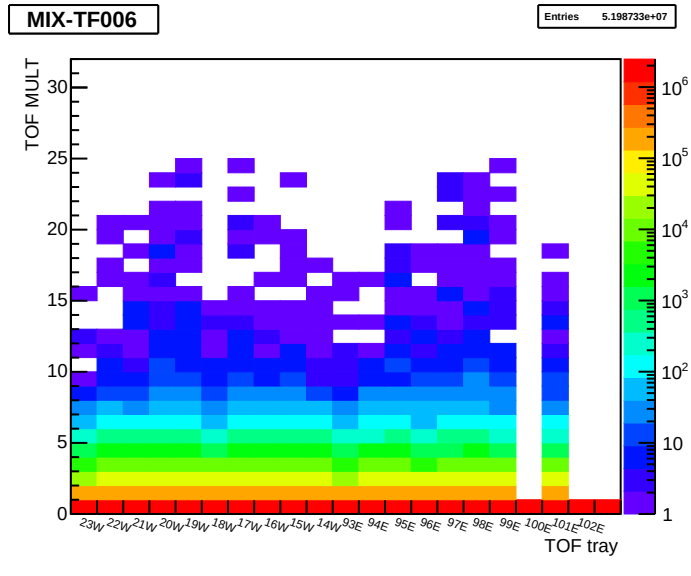

MIX-TF001
Entries 5.198733e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

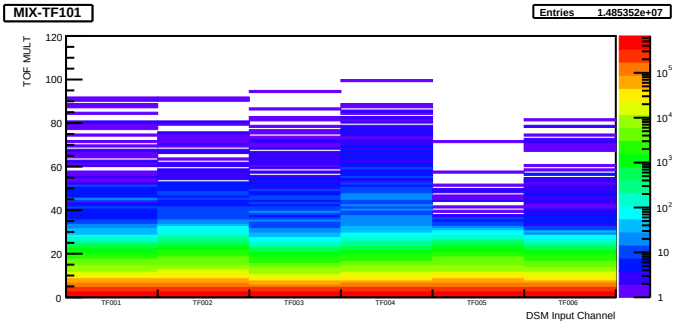

MIX-TF002
Entries 5.198733e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

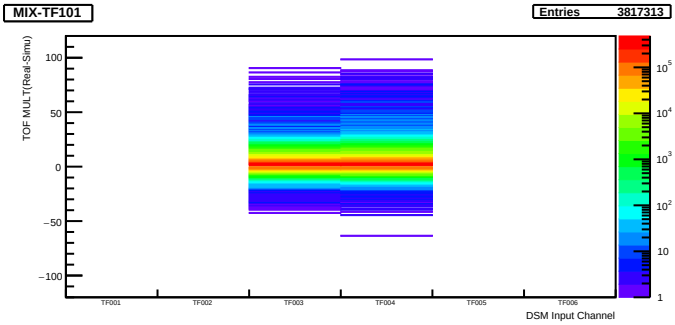

MIX-TF003
Entries 5.198733e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

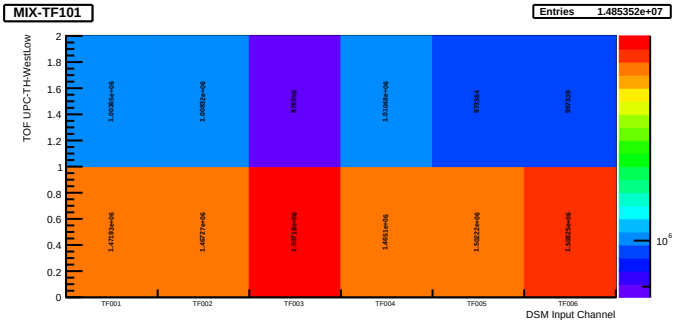

MIX-TF004
Entries 5.198733e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

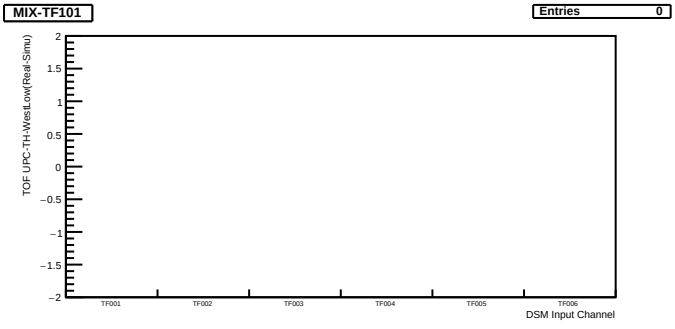

MIX-TF005
Entries 5.198733e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

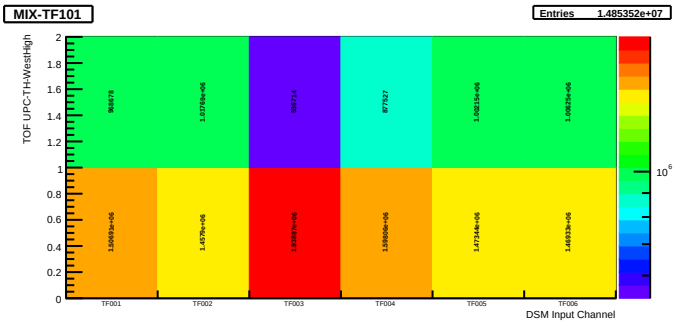

MIX-TF006
Entries 5.198733e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

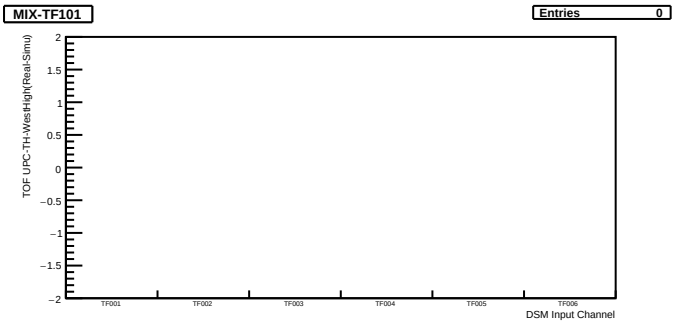

MIX-TF101
Entries 1.485352e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

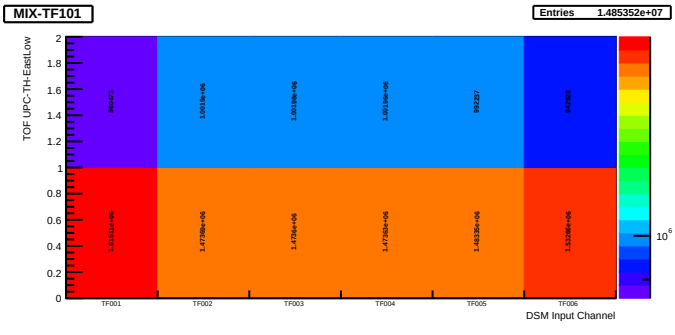

MIX-TF101
Entries 3817313
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

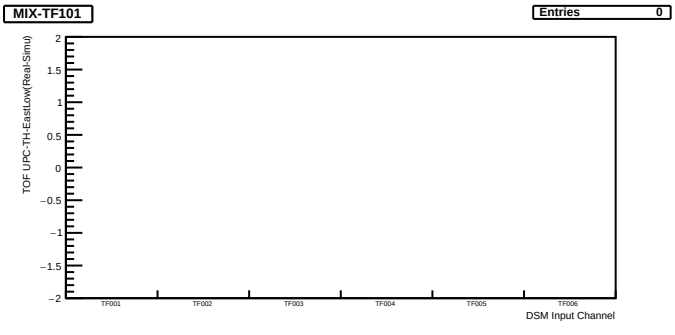

MIX-TF101
Entries 1.485352e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

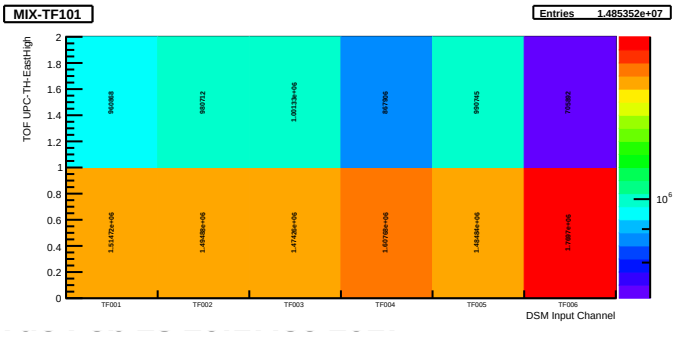

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

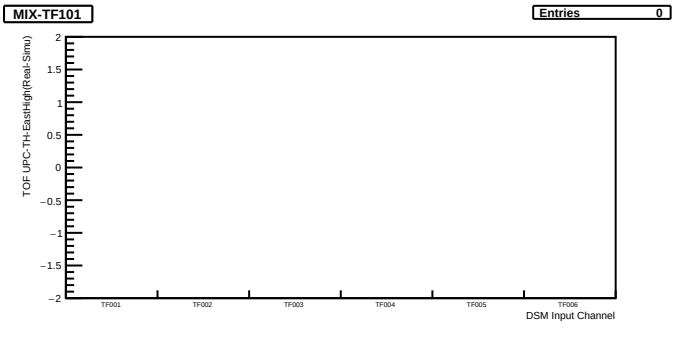

MIX-TF101
Entries 1.485352e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

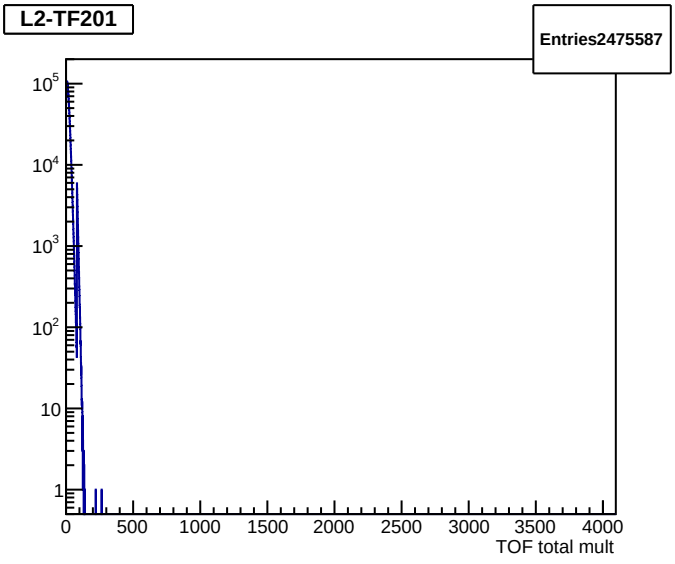

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

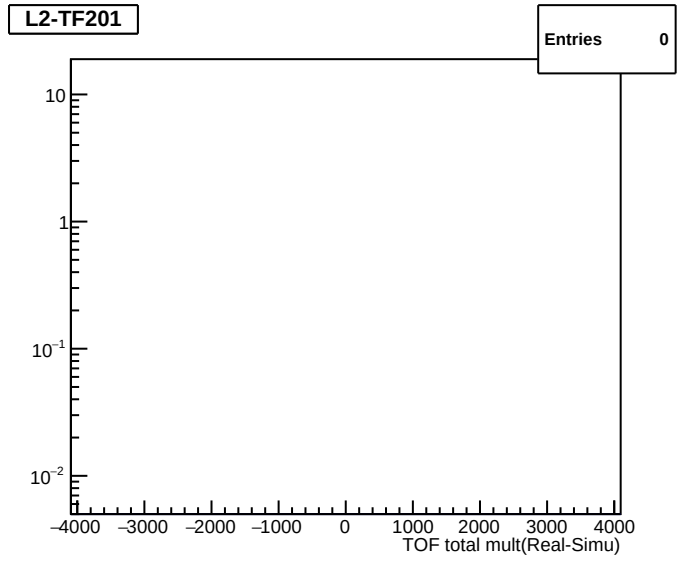

MIX-TF101
Entries 1.485352e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

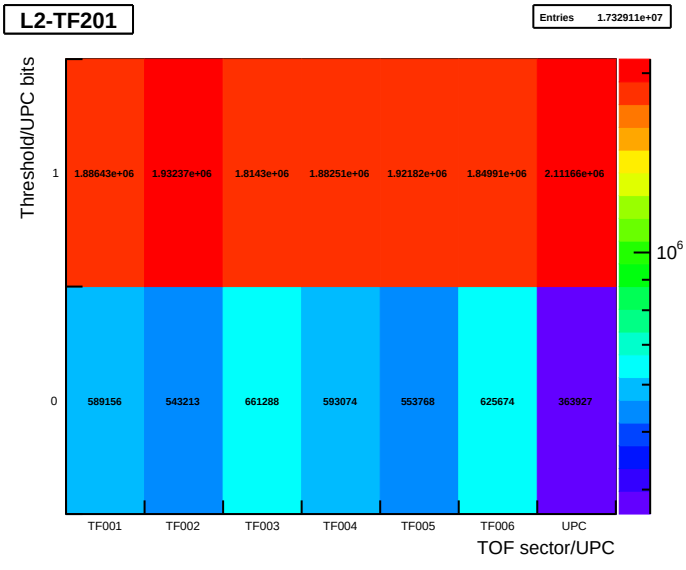

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

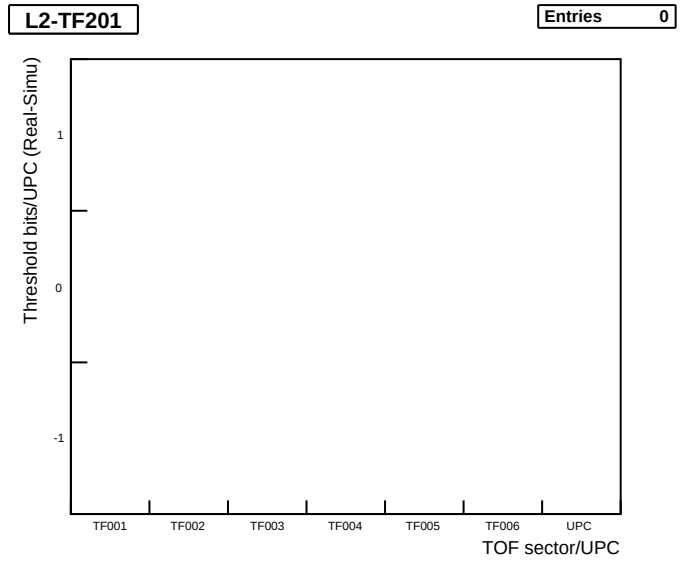

MIX-TF101
Entries 1.485352e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

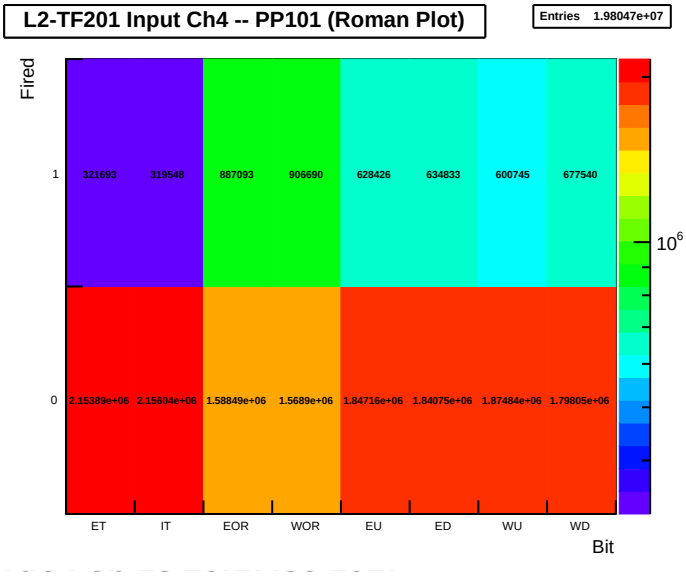

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

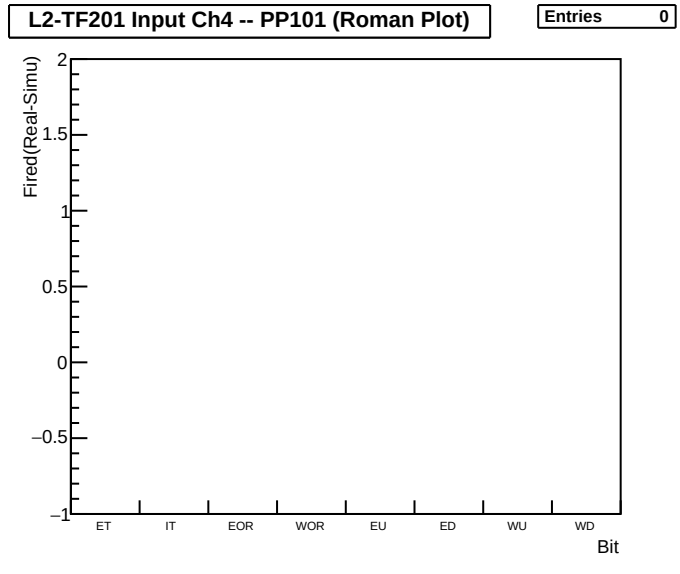

L2-TF201
Entries2475587
TOF total mult

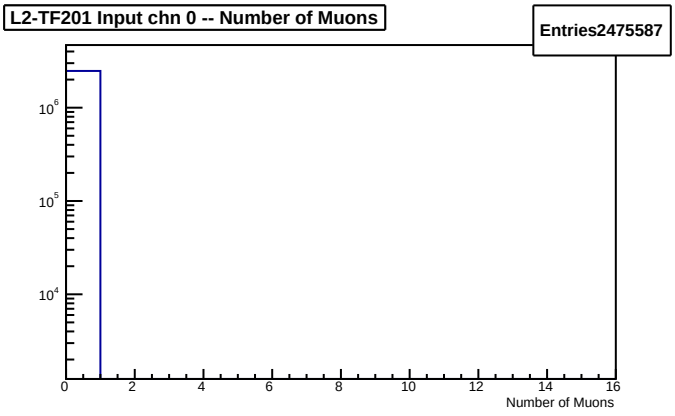

L2-TF201
Entries 0
TOF total mult(Real-Simu)

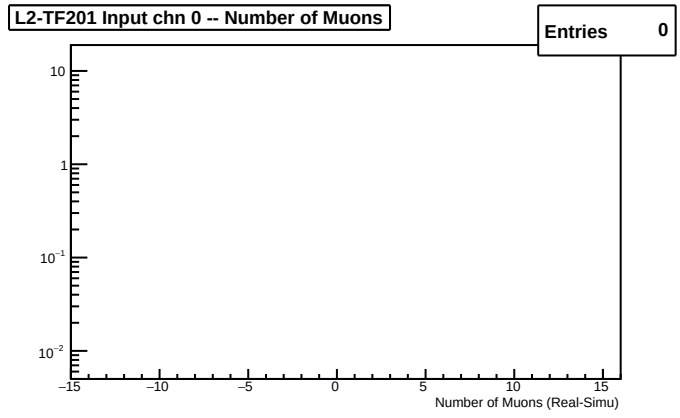

L2-TF201
Entries 1.732911e+07
Threshold/UPC bits
1.88643e+06
1.93237e+06
1.8143e+06
1.88251e+06
1.92182e+06
1.84991e+06
2.11166e+06
589156
543213
661288
593074
553768
625674
363927
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

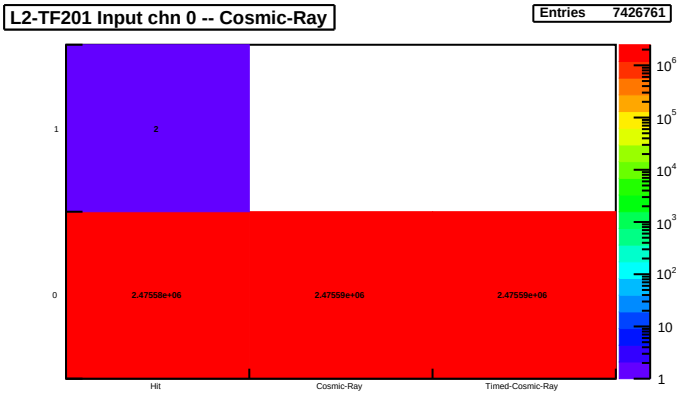

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

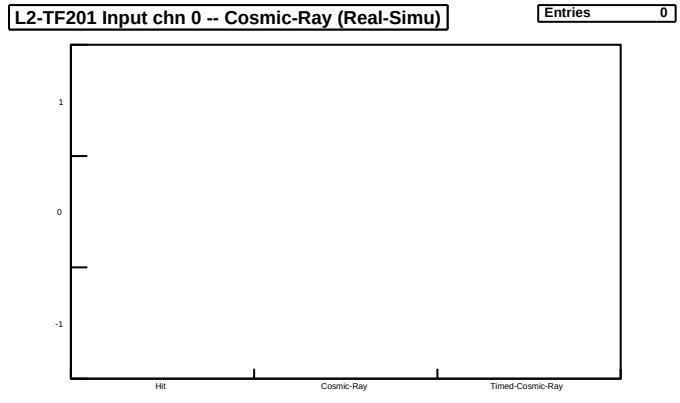

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.98047e+07
Fired
321693
319548
887093
906690
628426
634833
600745
677540
2.15389e+06
2.15604e+06
1.58849e+06
1.5689e+06
1.84716e+06
1.84075e+06
1.87484e+06
1.79805e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

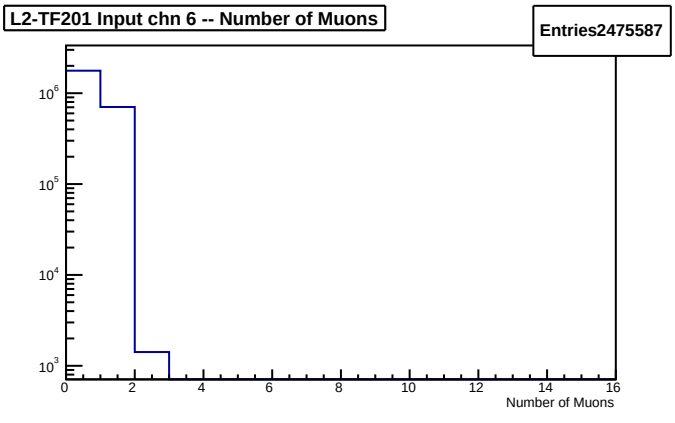

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

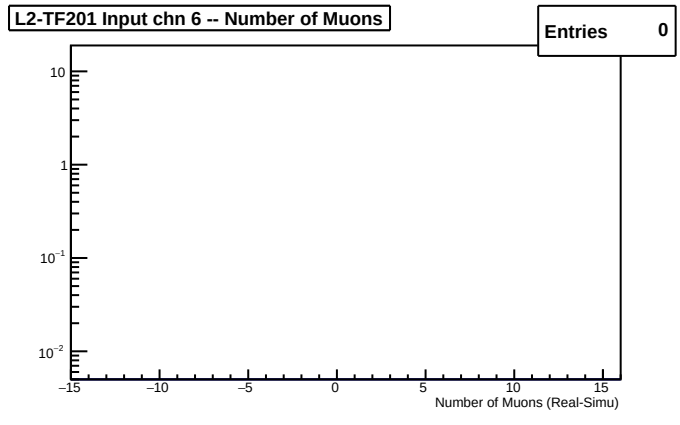

L2-TF201 Input chn 0 -- Number of Muons
Entries2475587
Number of Muons

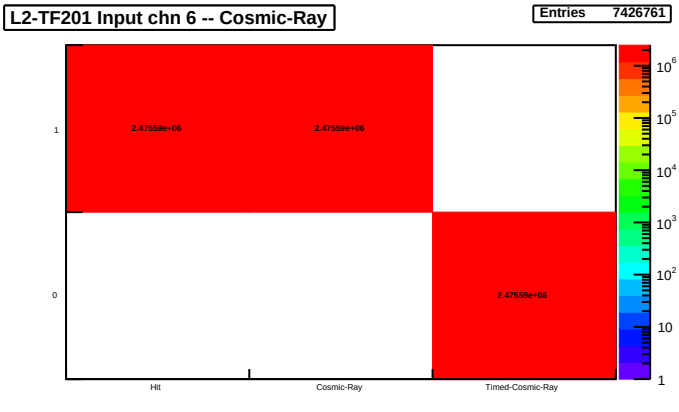

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

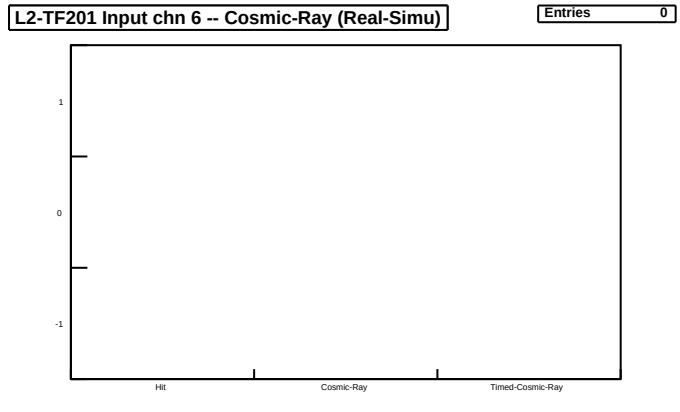

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7426761
2
2.47558e+06
2.47559e+06
2.47559e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

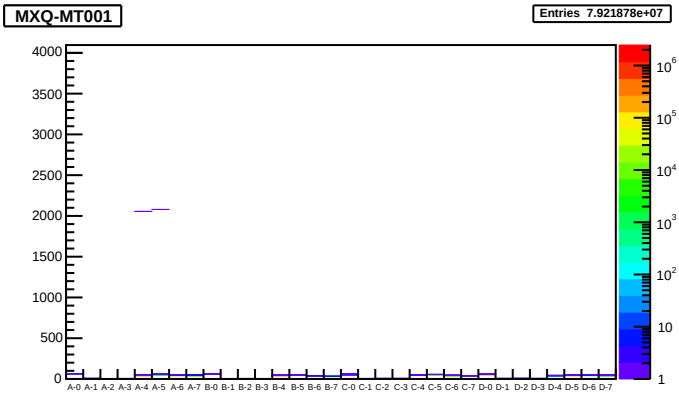

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

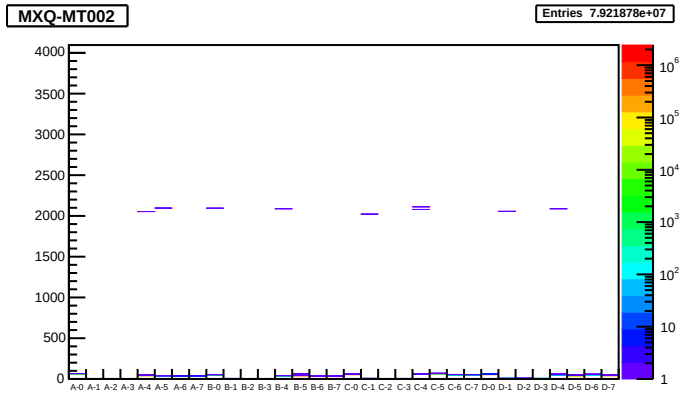

L2-TF201 Input chn 6 -- Number of Muons
Entries2475587
Number of Muons

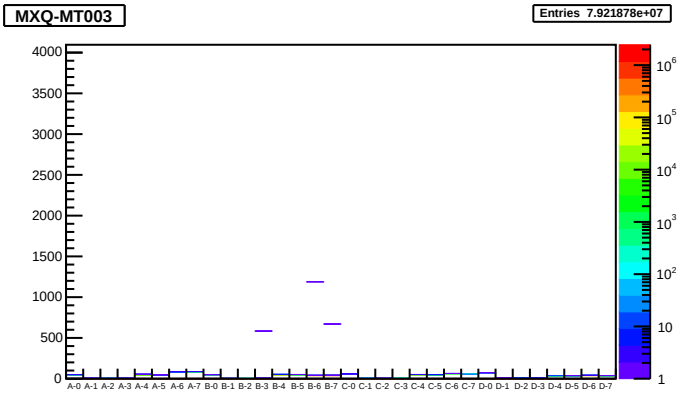

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

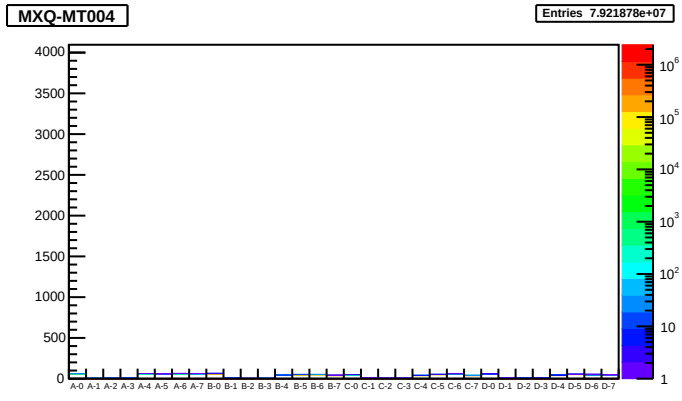

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 7426761
2.47559e+06
2.47559e+06
2.47559e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

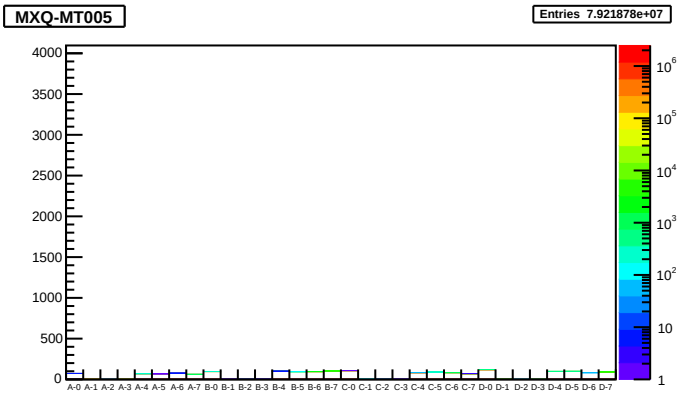

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

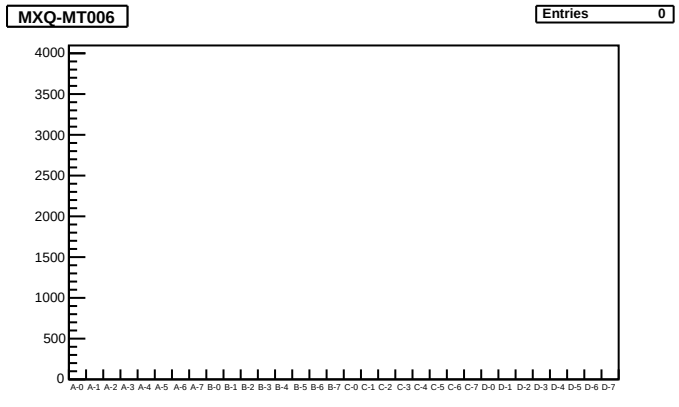

MXQ-MT001
Entries 7.921878e+07

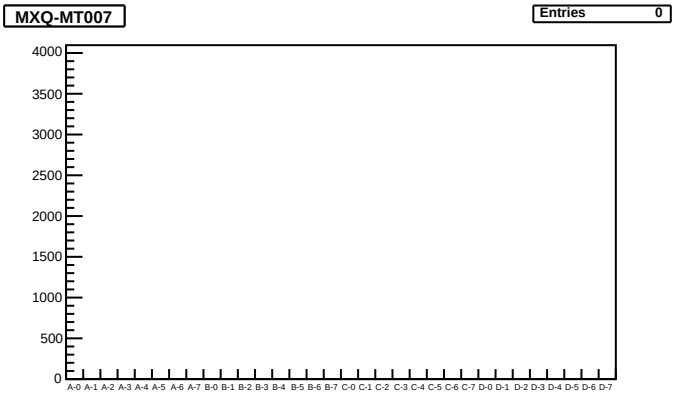

MXQ-MT002
Entries 7.921878e+07

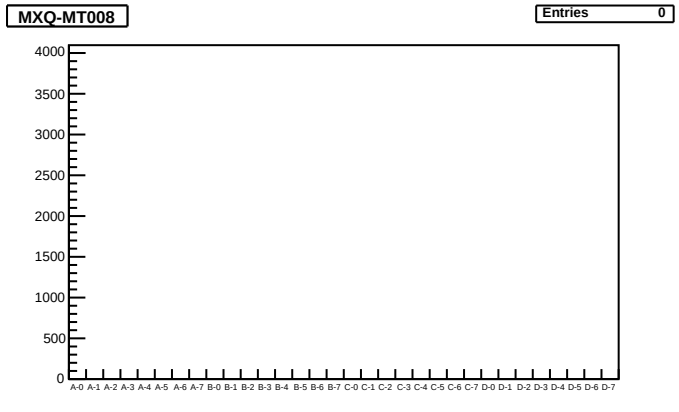

MXQ-MT003
Entries 7.921878e+07

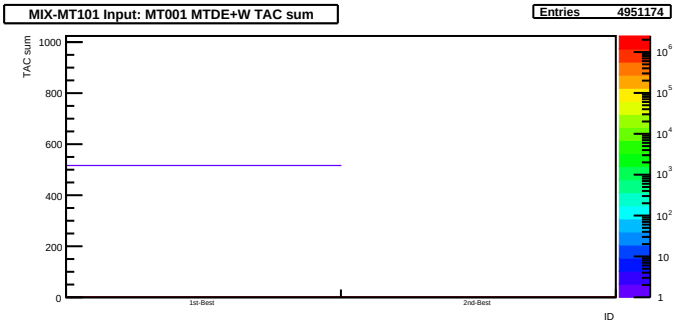

MXQ-MT004
Entries 7.921878e+07

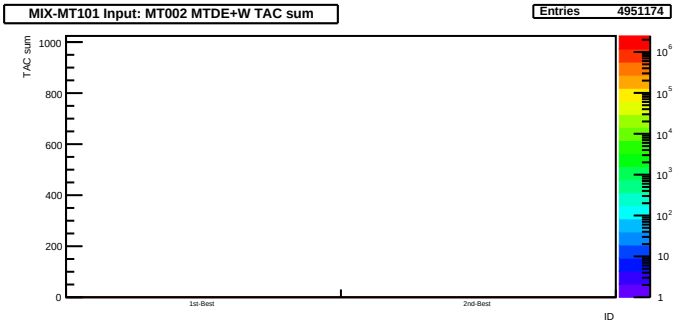

MXQ-MT005
Entries 7.921878e+07

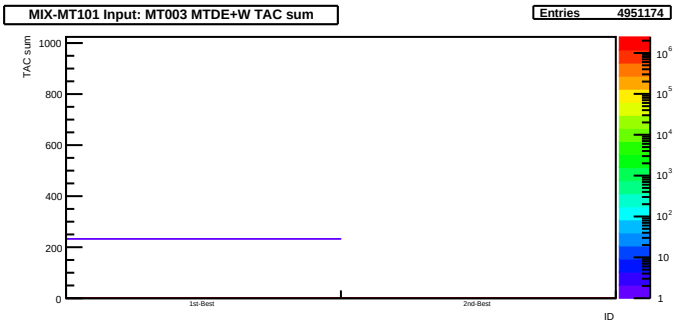

MXQ-MT006
Entries 0

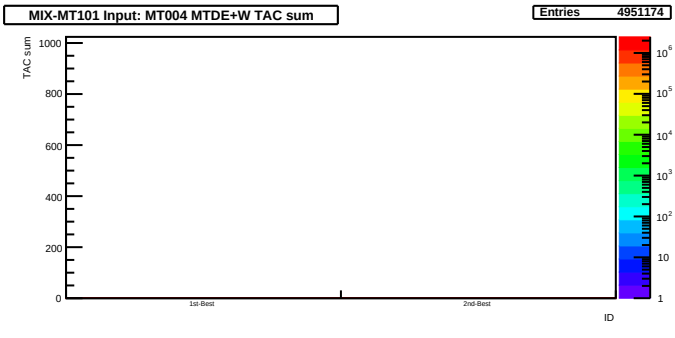

MXQ-MT007
Entries 0

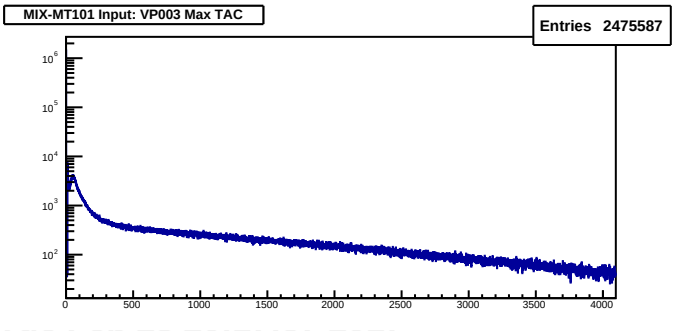

MXQ-MT008
Entries 0

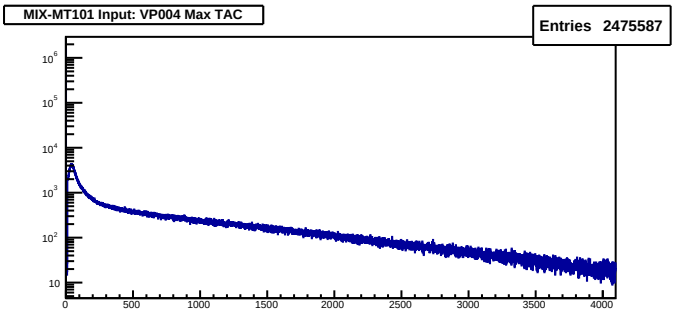

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4951174
TAC sum
1st-Best
2nd-Best
ID

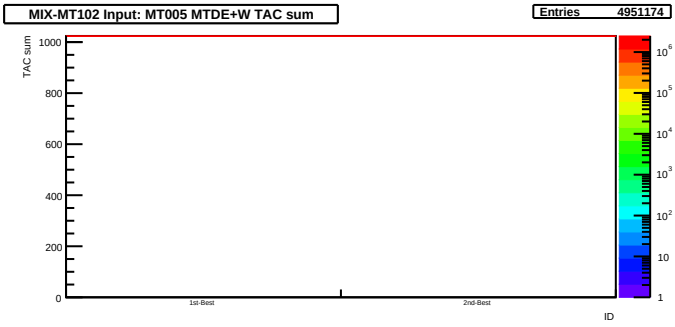

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4951174
TAC sum
1st-Best
2nd-Best
ID

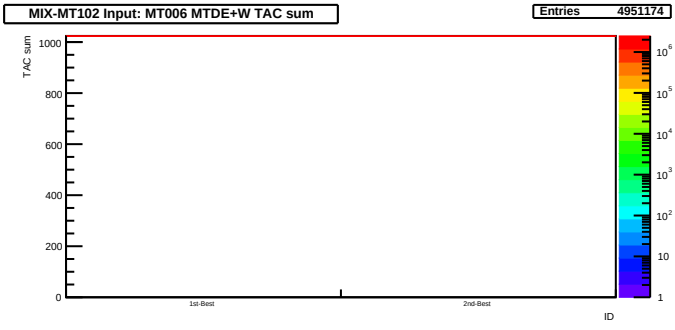

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4951174
TAC sum
1st-Best
2nd-Best
ID

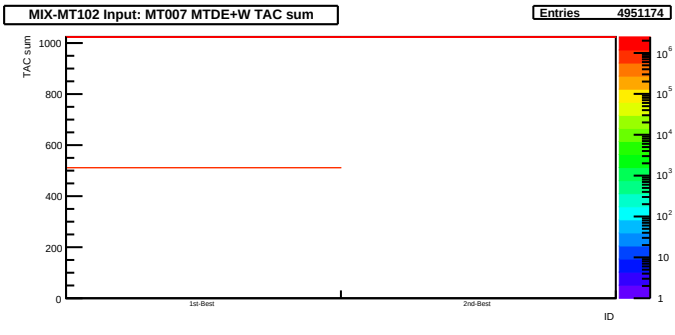

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4951174
TAC sum
1st-Best
2nd-Best
ID

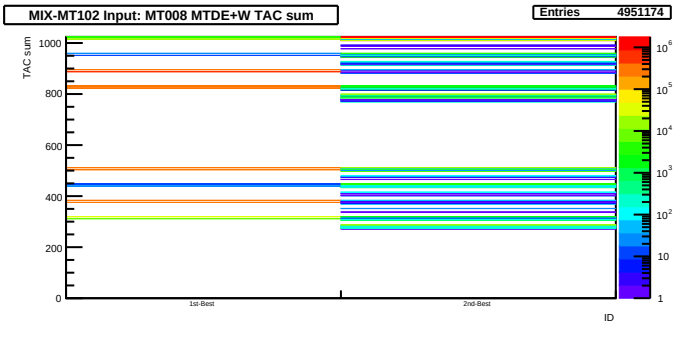

MIX-MT101 Input: VP003 Max TAC
Entries 2475587

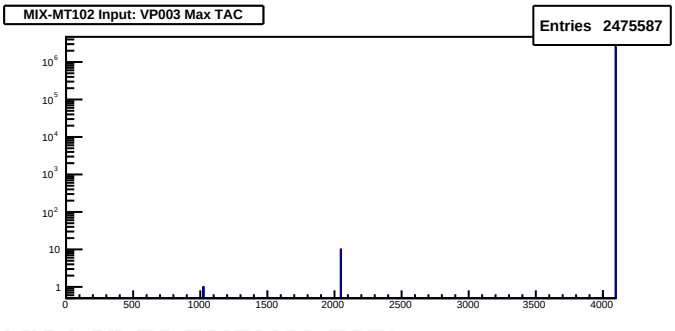

MIX-MT101 Input: VP004 Max TAC
Entries 2475587

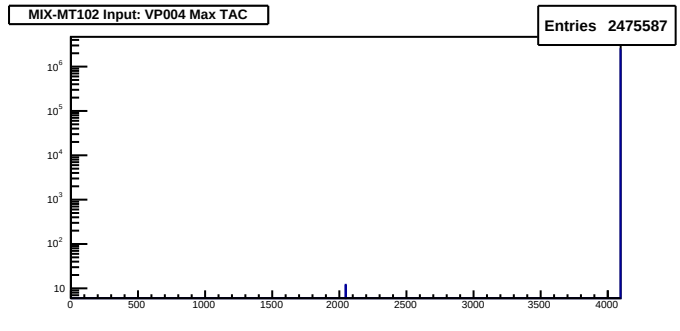

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 4951174
TAC sum
1st-Best
2nd-Best
ID

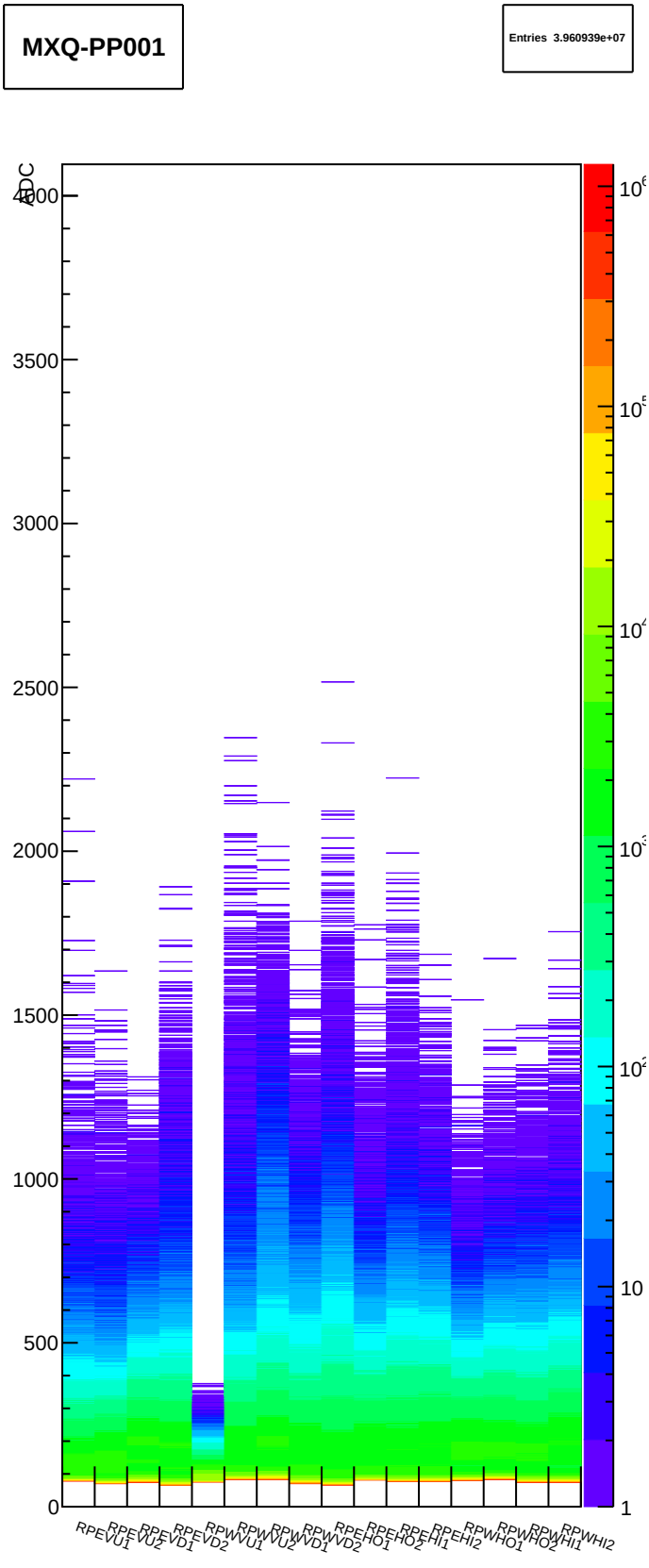

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 4951174
TAC sum
1st-Best
2nd-Best
ID

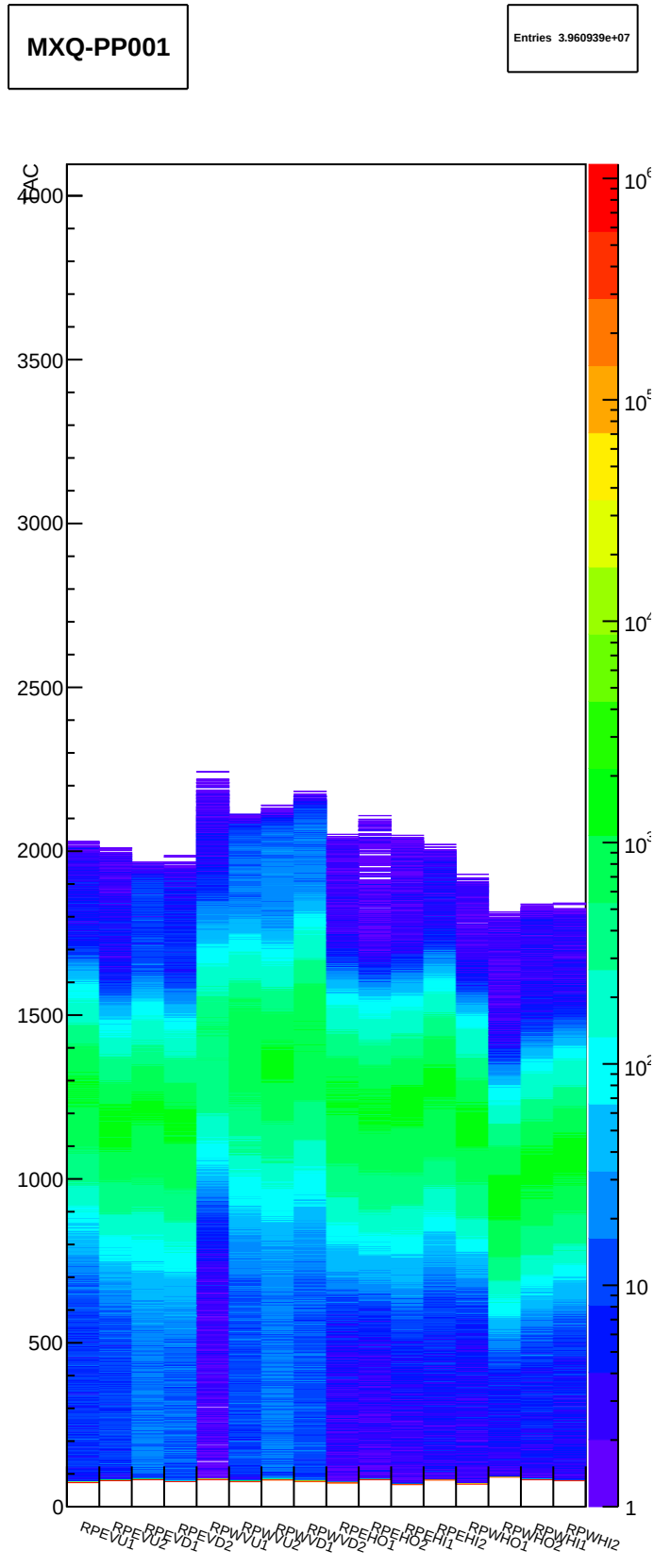

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 4951174
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 4951174
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 2475587


MIX-MT102 Input: VP004 Max TAC
Entries 2475587


MXQ-PP001
Entries 3.960939e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 3.960939e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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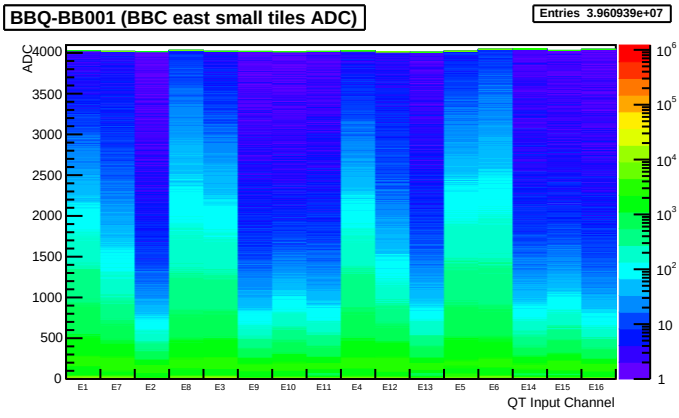
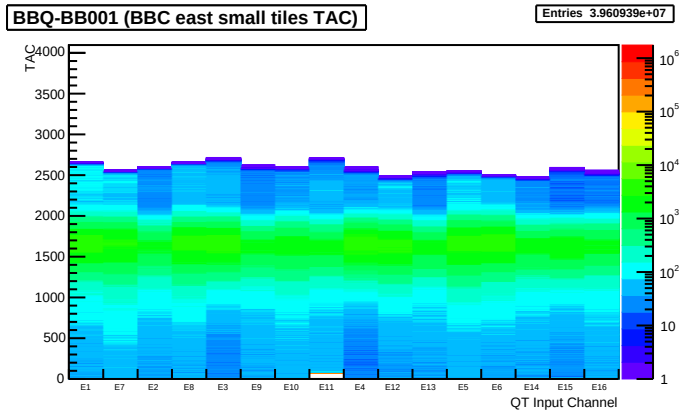
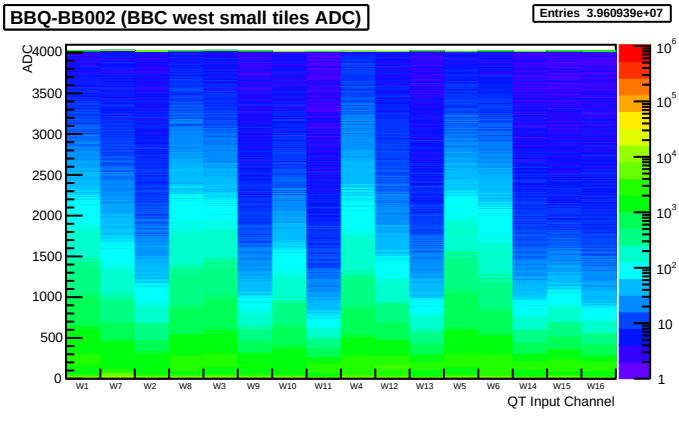
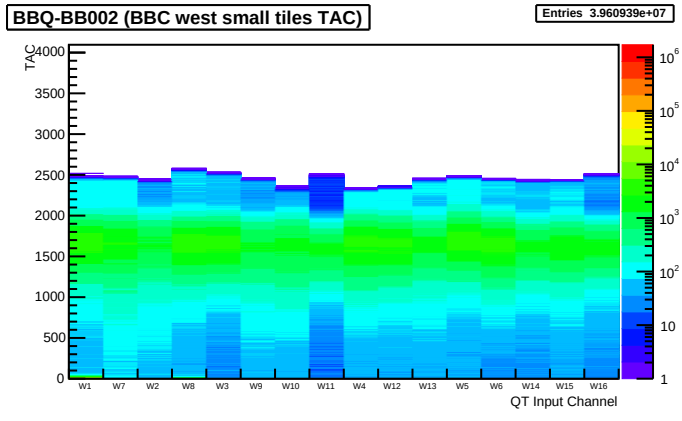
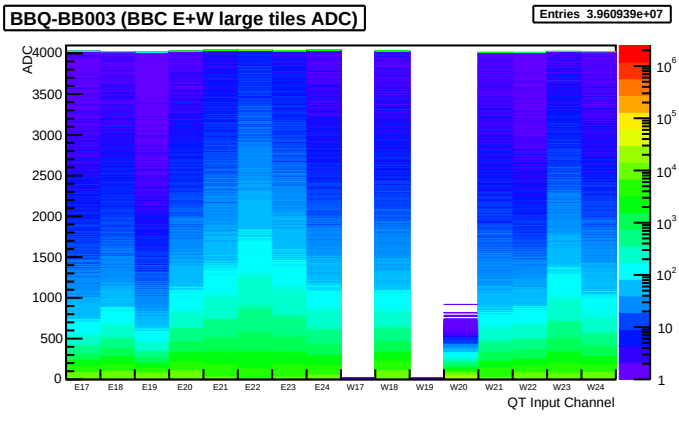
RPWHO2
RPWHI1
RPWHI2
1
10

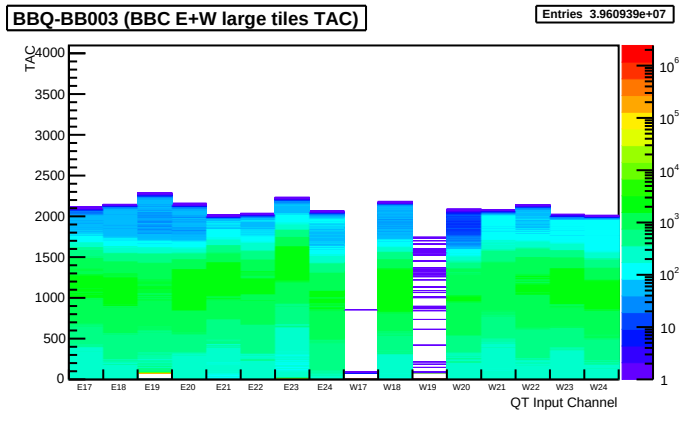

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.960939e+07
ADC
QT Input Channel

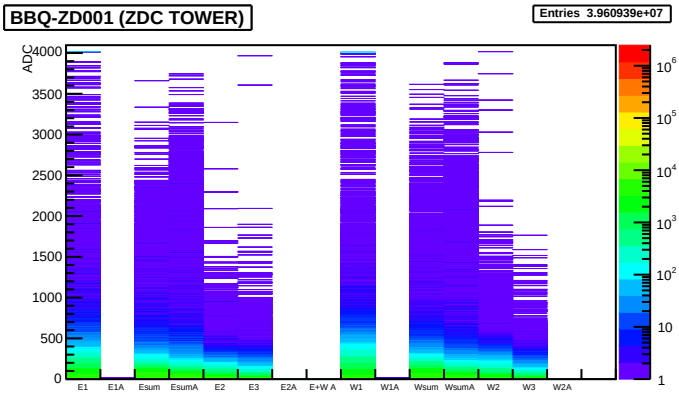

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.960939e+07
TAC
QT Input Channel

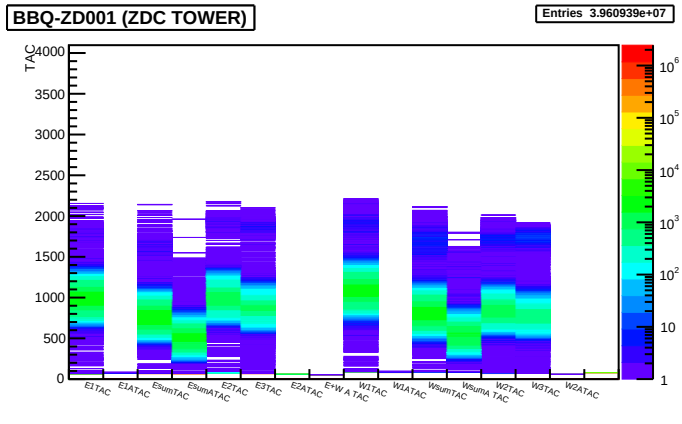

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.960939e+07
ADC
QT Input Channel

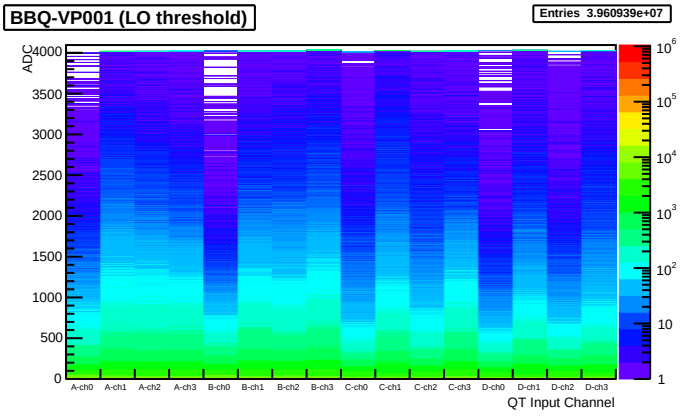

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.960939e+07
TAC
QT Input Channel

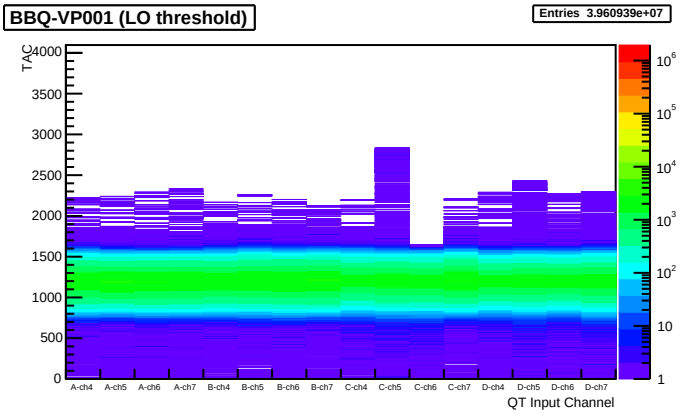

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.960939e+07
ADC
QT Input Channel

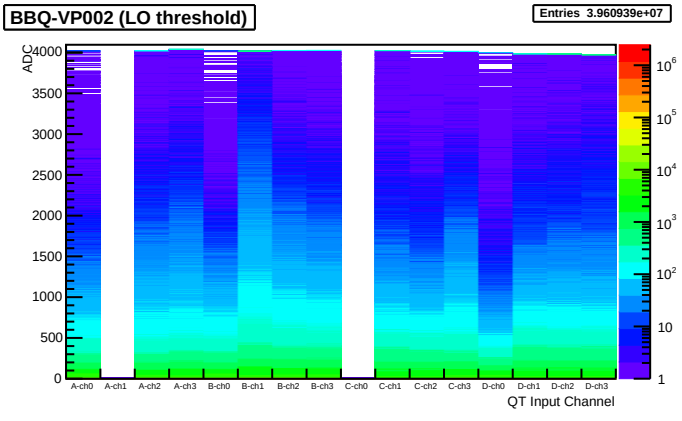

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.960939e+07
TAC
QT Input Channel

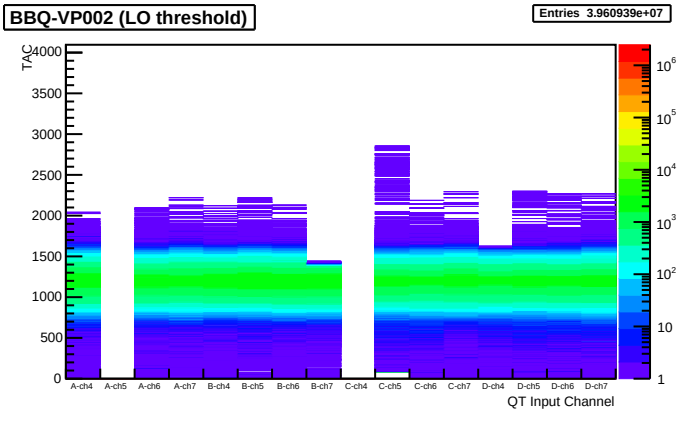

BBQ-ZD001 (ZDC TOWER)
Entries 3.960939e+07
ADC

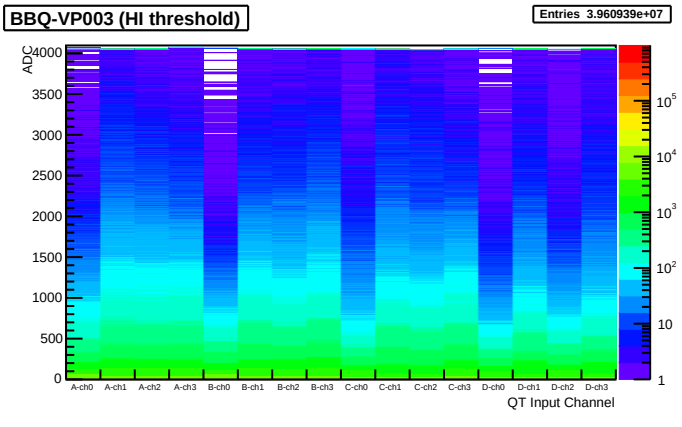

BBQ-ZD001 (ZDC TOWER)
Entries 3.960939e+07
TAC

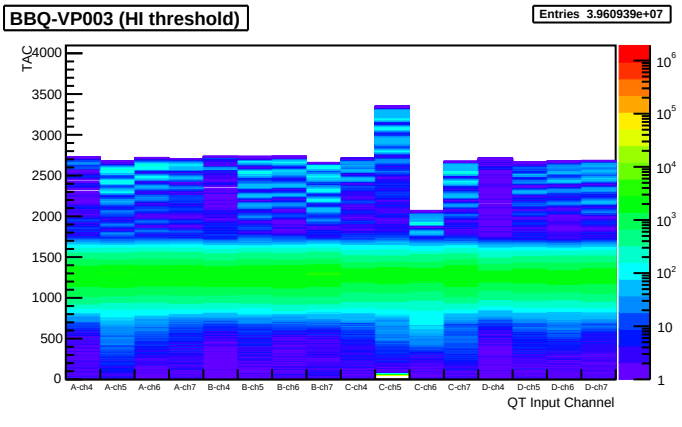

BBQ-VP001 (LO threshold)
Entries 3.960939e+07
ADC
QT Input Channel

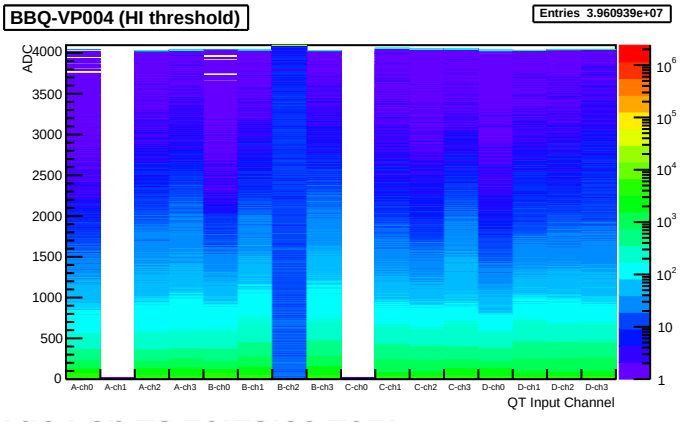

BBQ-VP001 (LO threshold)
Entries 3.960939e+07
TAC
QT Input Channel

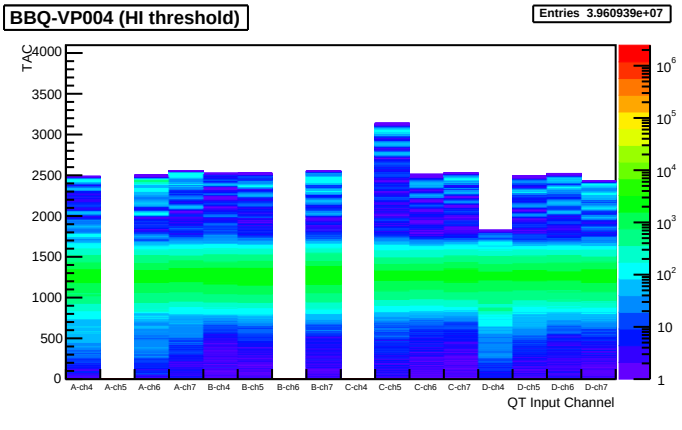

BBQ-VP002 (LO threshold)
Entries 3.960939e+07
ADC
QT Input Channel

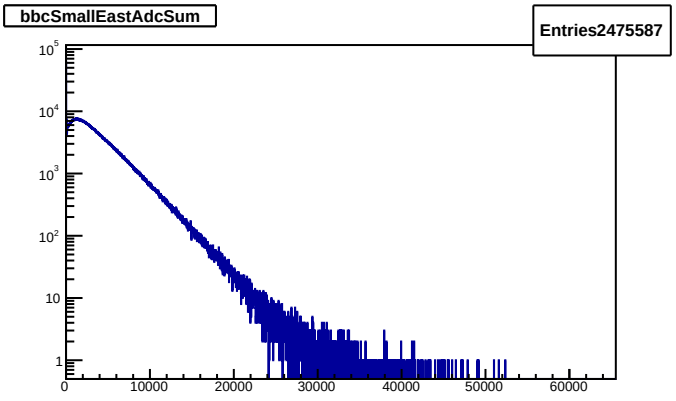

BBQ-VP002 (LO threshold)
Entries 3.960939e+07
TAC
QT Input Channel

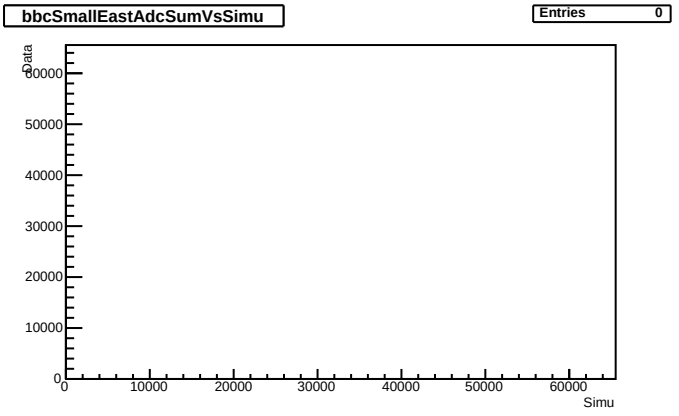

BBQ-VP003 (HI threshold)
Entries 3.960939e+07
ADC
QT Input Channel

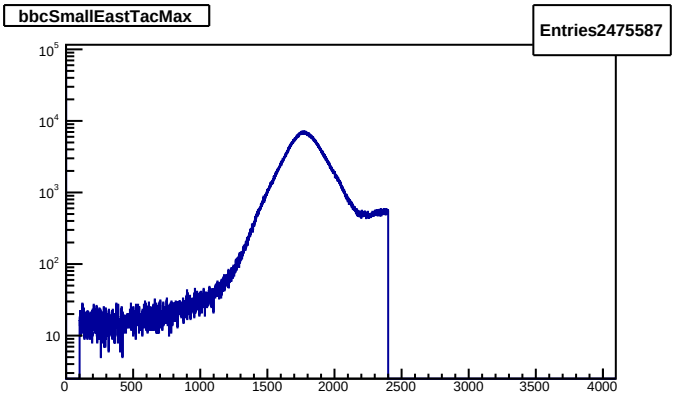

BBQ-VP003 (HI threshold)
Entries 3.960939e+07
TAC
QT Input Channel

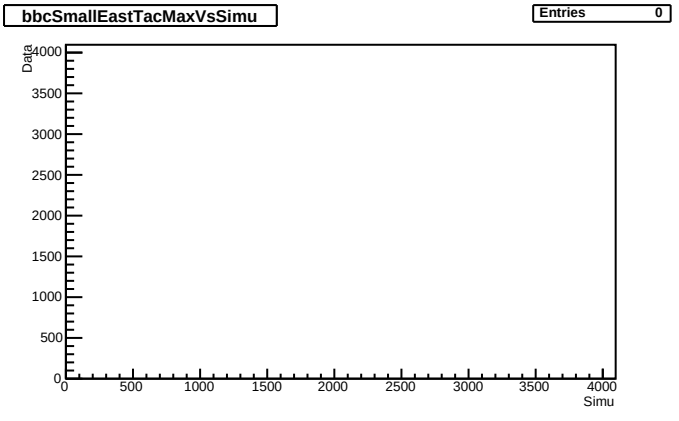

BBQ-VP004 (HI threshold)
Entries 3.960939e+07
ADC
QT Input Channel

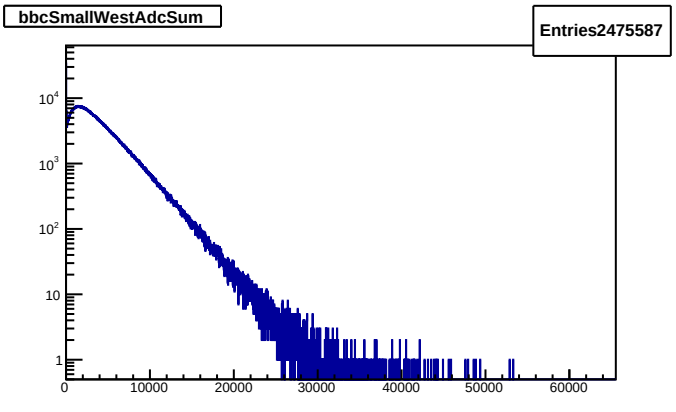

BBQ-VP004 (HI threshold)
Entries 3.960939e+07
TAC
QT Input Channel

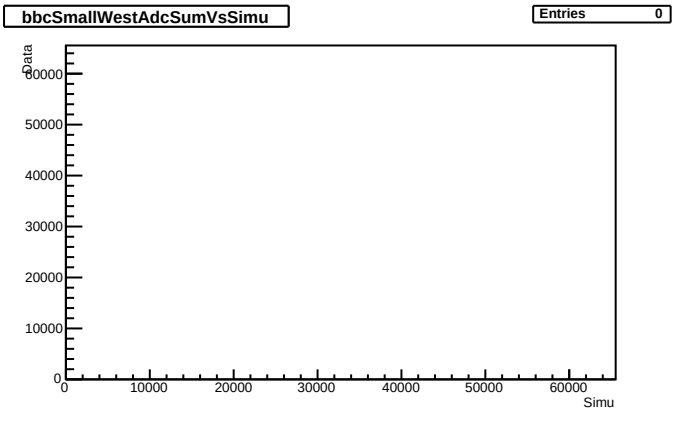

bbcSmallEastAdcSum
Entries2475587

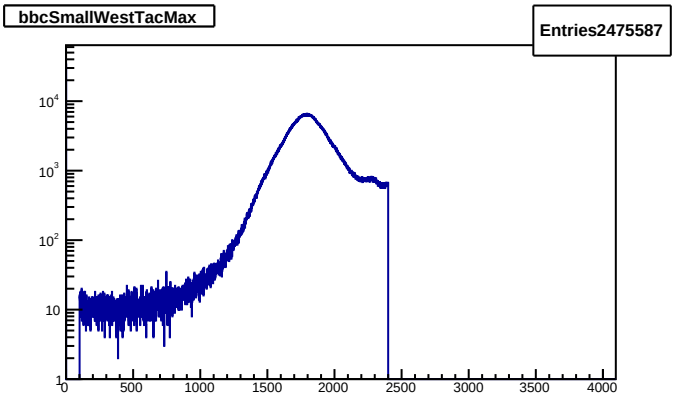

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

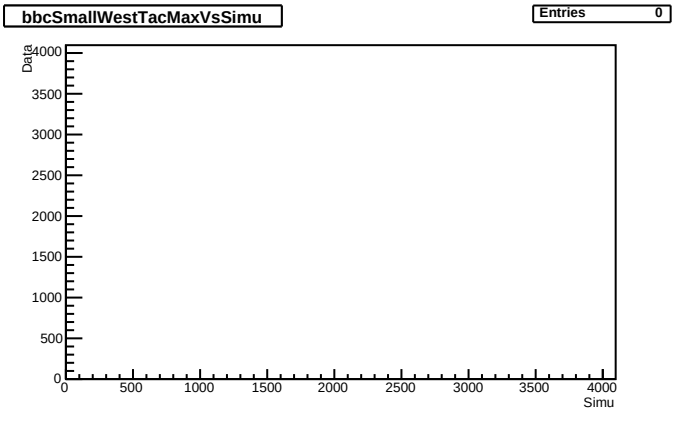

bbcSmallEastTacMax
Entries2475587

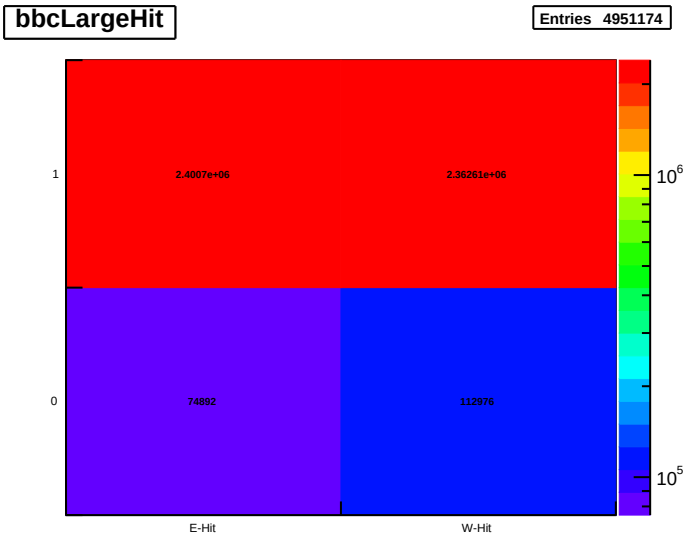

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

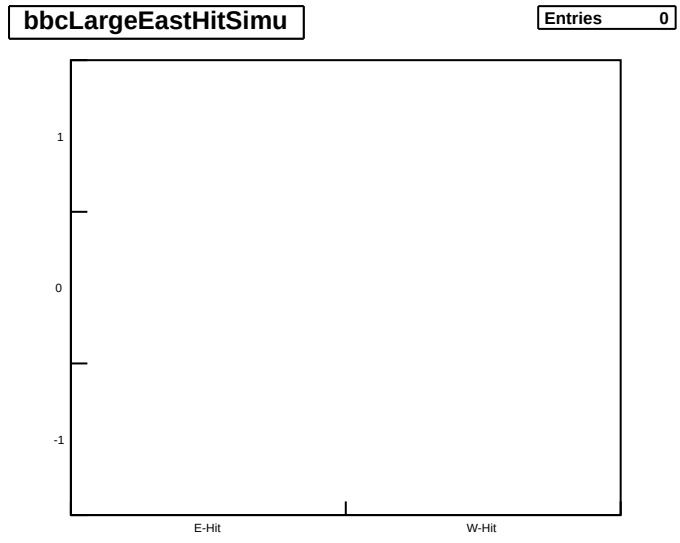

bbcSmallWestAdcSum
Entries2475587

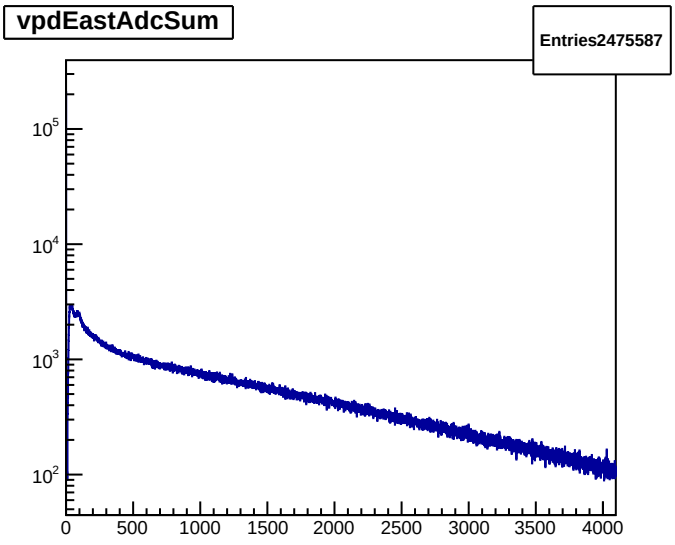

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

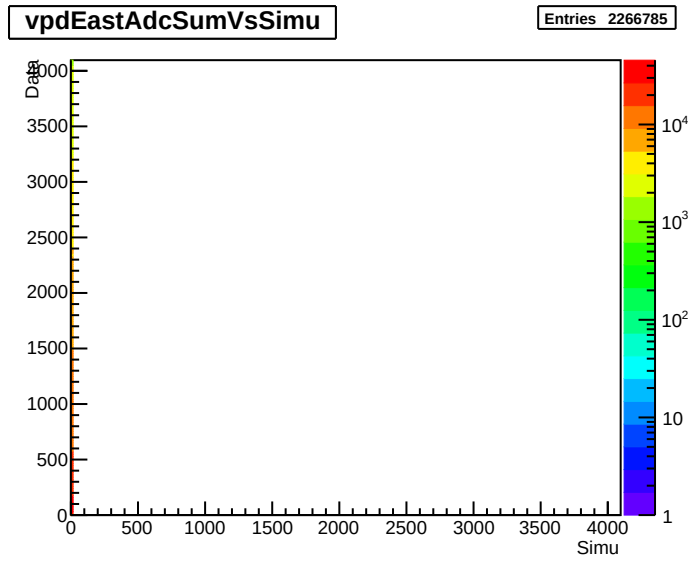

bbcSmallWestTacMax
Entries2475587

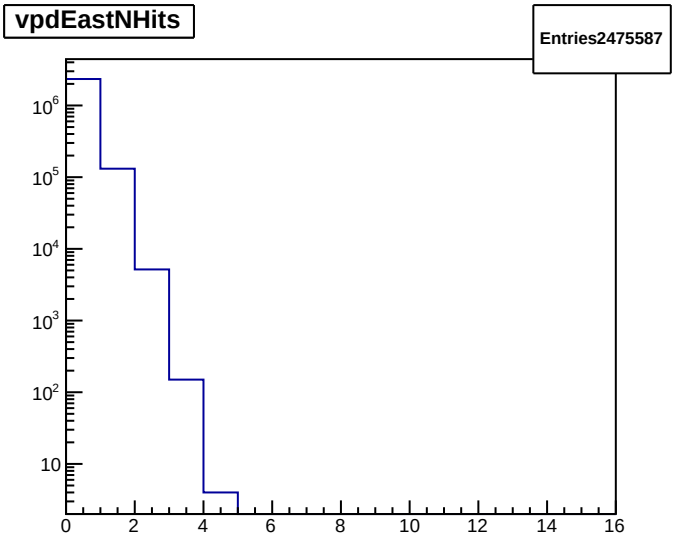

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

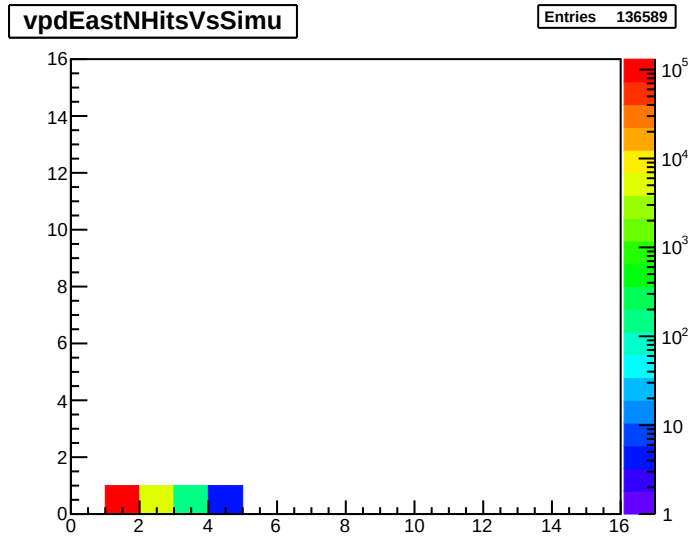

bbcLargeHit
Entries 4951174
2.4007e+06
2.36261e+06
74892
112976
1
0
E-Hit
W-Hit
10^6
10^5

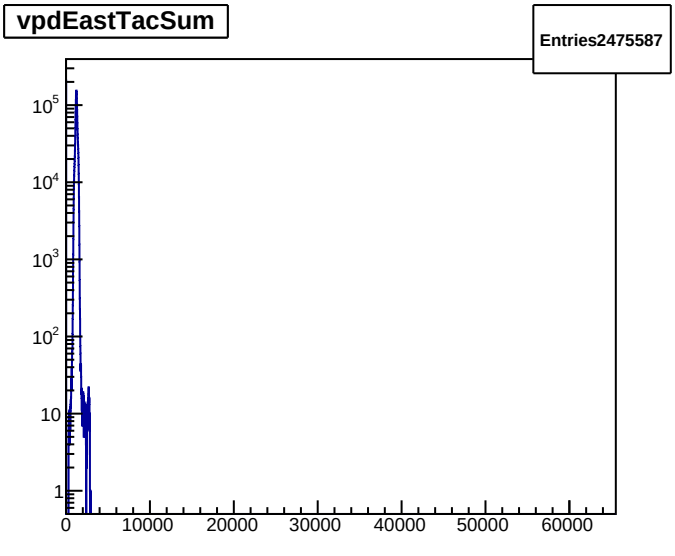

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

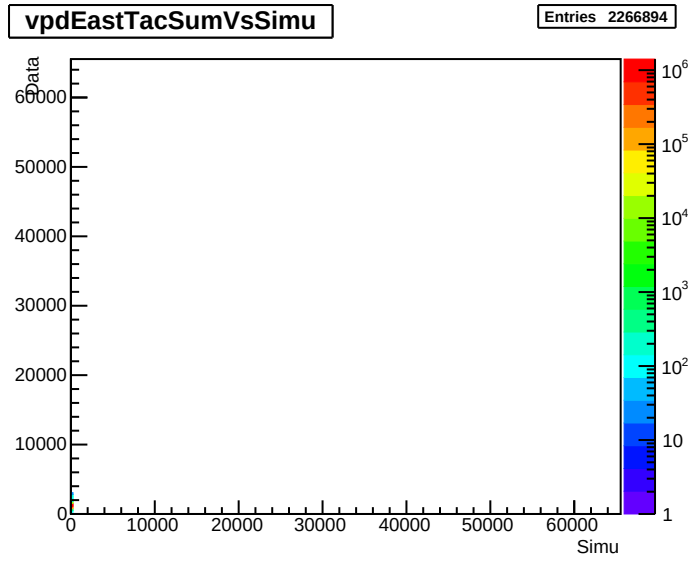

vpdEastAdcSum
Entries2475587

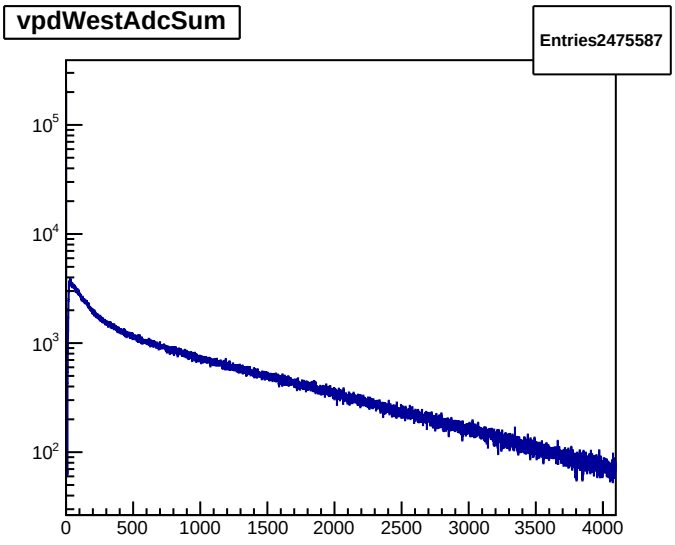

vpdEastAdcSumVsSimu
Entries 2266785
Data
Simu

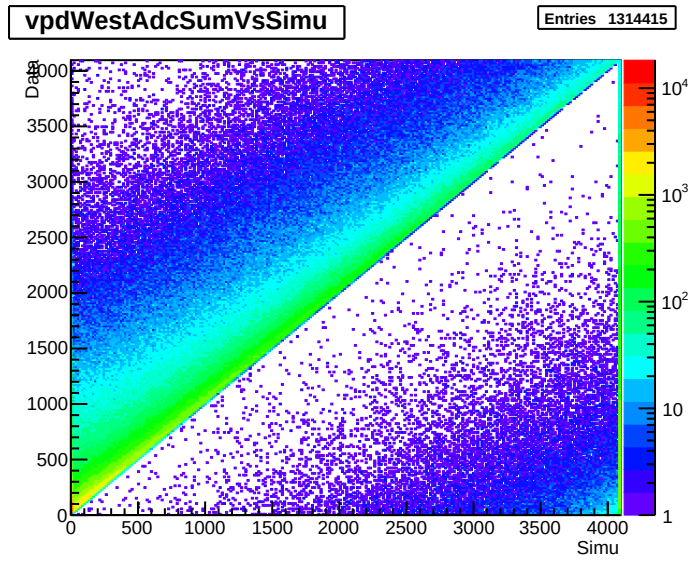

vpdEastNHits
Entries2475587

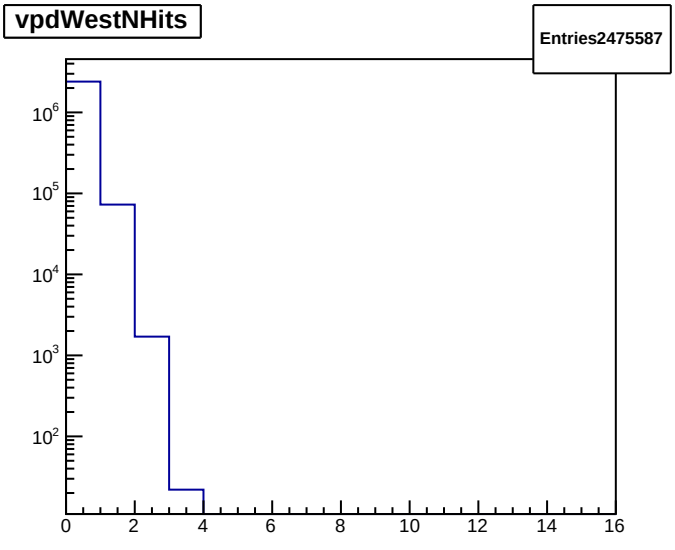

vpdEastNHitsVsSimu
Entries 136589

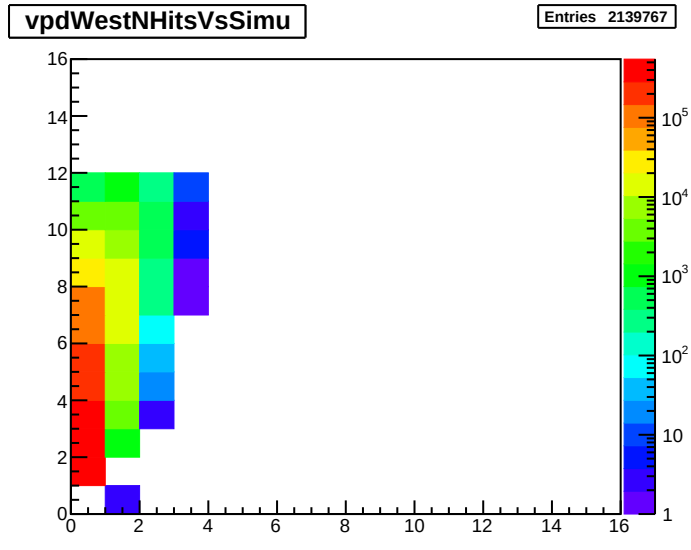

vpdEastTacSum
Entries2475587

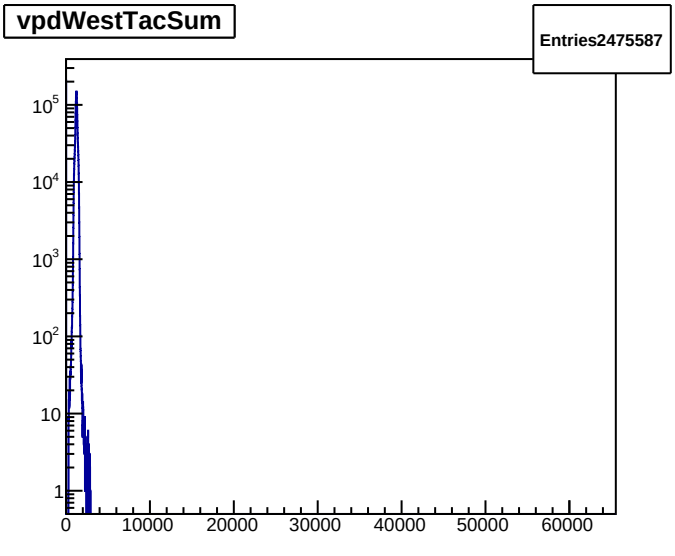

vpdEastTacSumVsSimu
Entries 2266894
Data
Simu

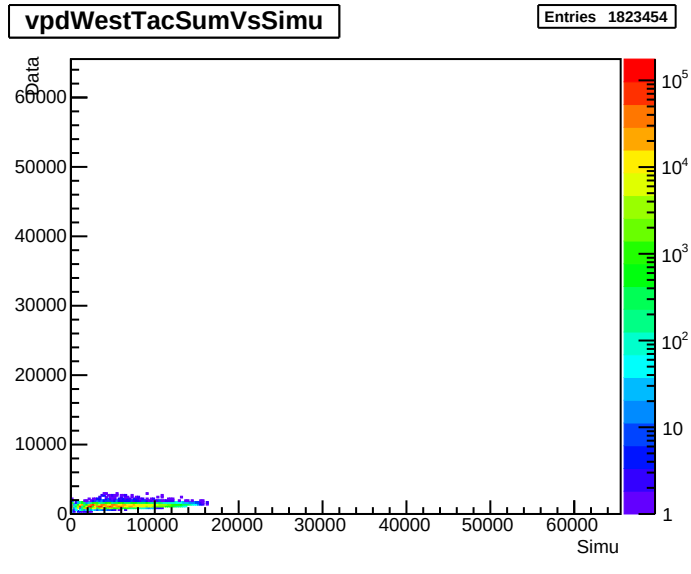

vpdWestAdcSum
Entries2475587

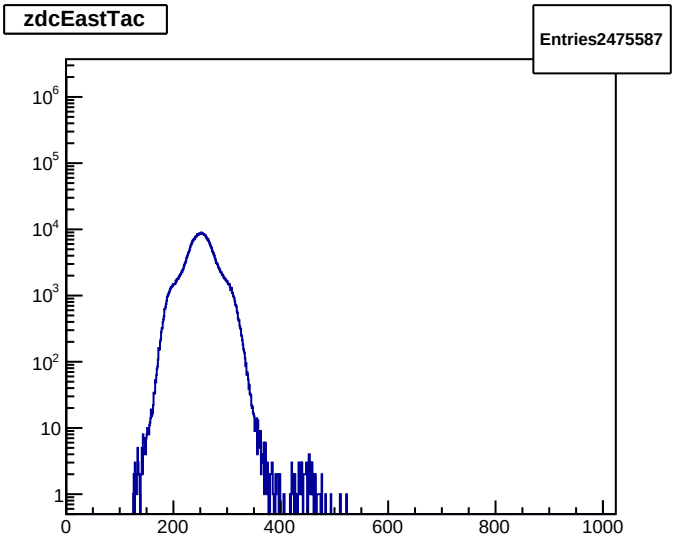

vpdWestAdcSumVsSimu
Entries 1314415
Data
Simu

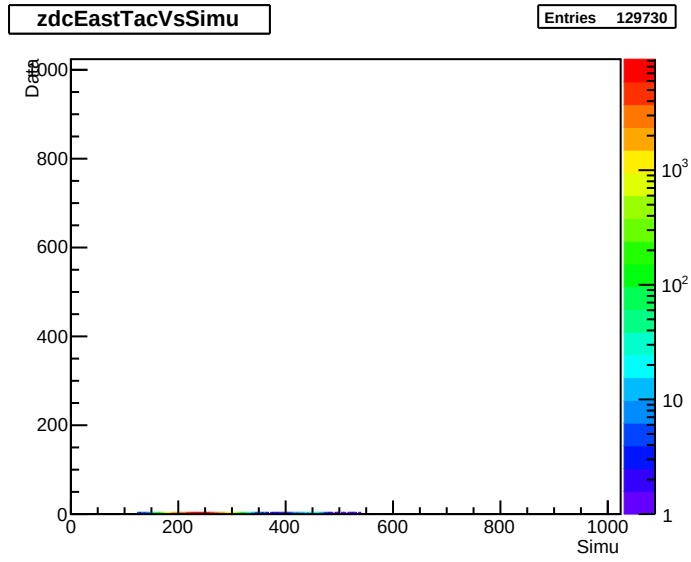

vpdWestNHits
Entries2475587

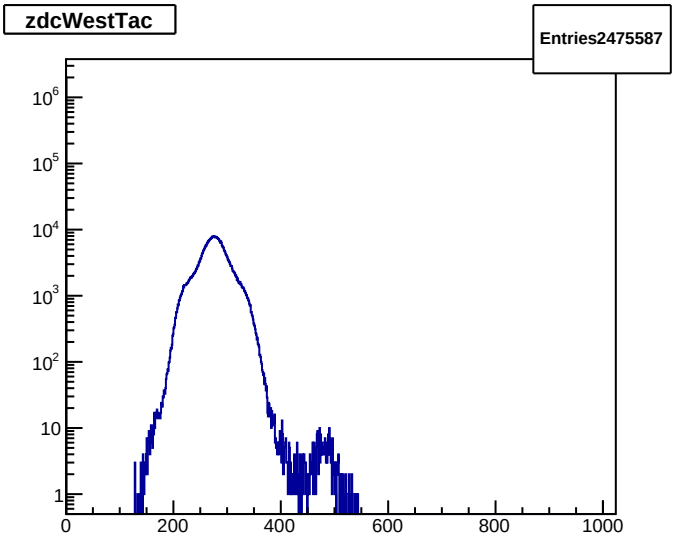

vpdWestNHitsVsSimu
Entries 2139767

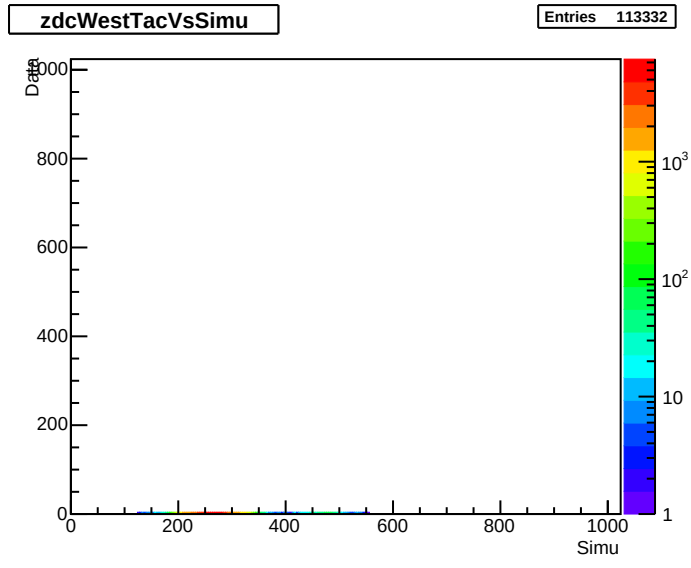

vpdWestTacSum
Entries2475587

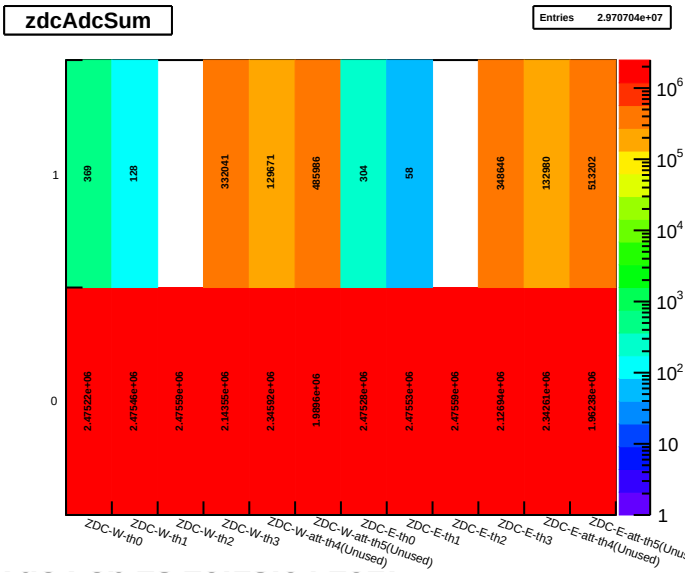

vpdWestTacSumVsSimu
Entries 1823454
Data
Simu

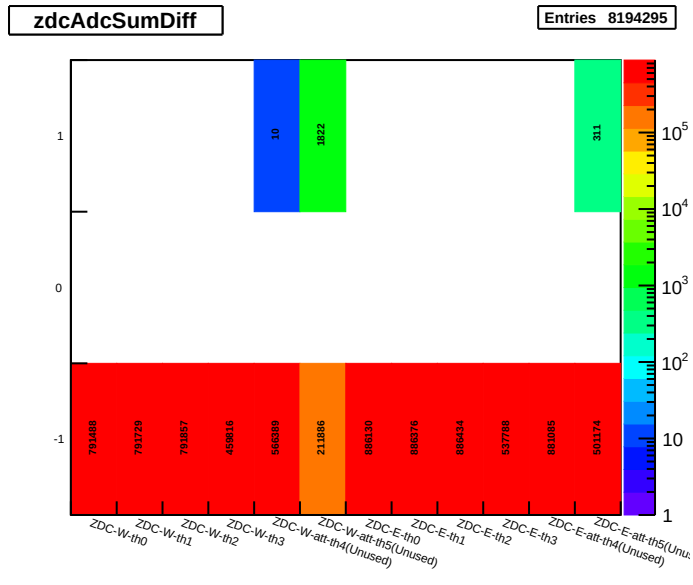

zdcEastTac
Entries2475587

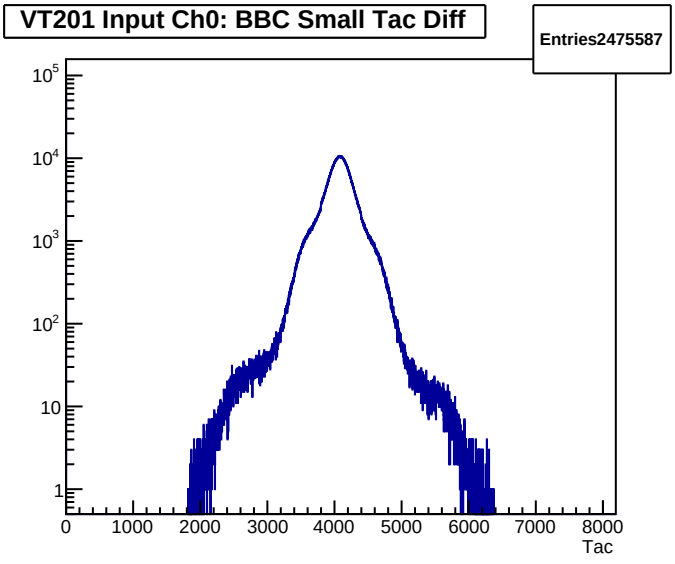

zdcEastTacVsSimu
Entries 129730
Data
Simu

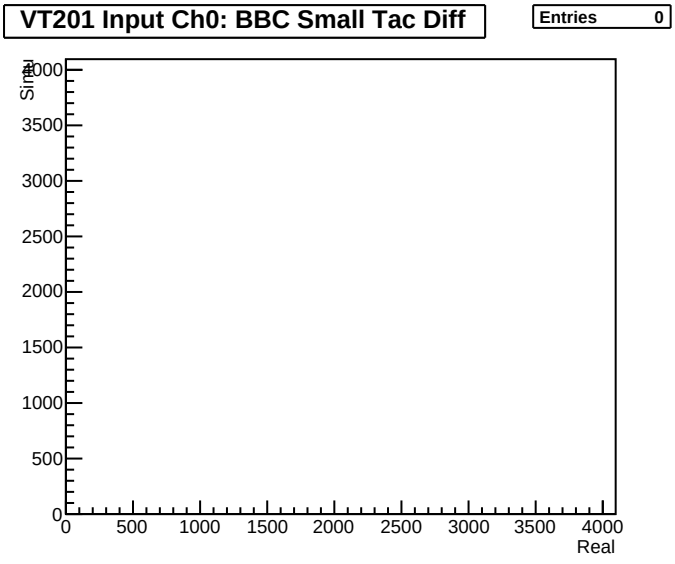

zdcWestTac
Entries2475587

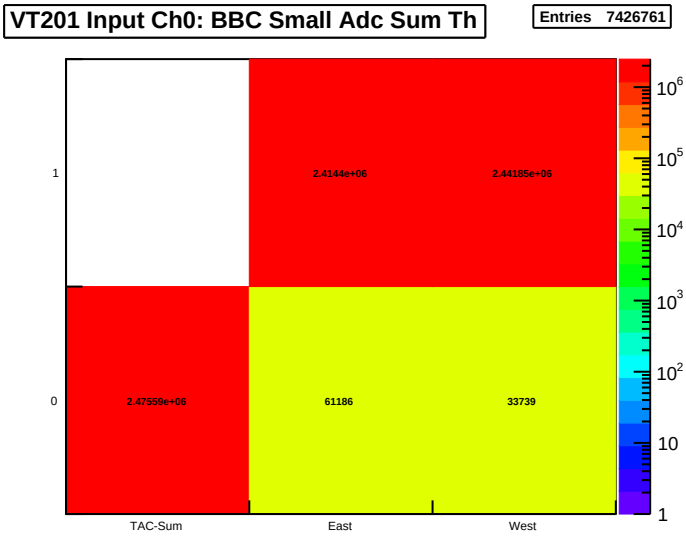

zdcWestTacVsSimu
Entries 113332
Data
Simu

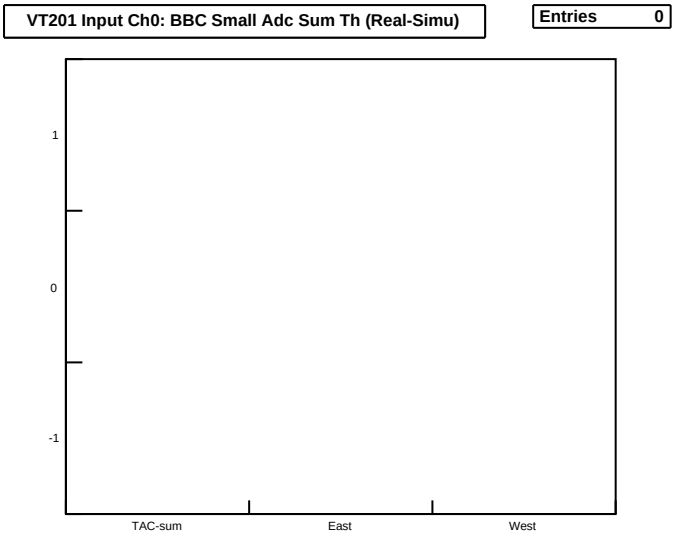

zdcAdcSum
Entries 2.970704e+07
369
128
332041
129671
485986
304
58
348646
132980
513202
2.47522e+06
2.47546e+06
2.47558e+06
2.14355e+06
2.34592e+06
1.98816e+06
2.47528e+06
2.47553e+06
2.47559e+06
2.12694e+06
2.34261e+06
1.96238e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

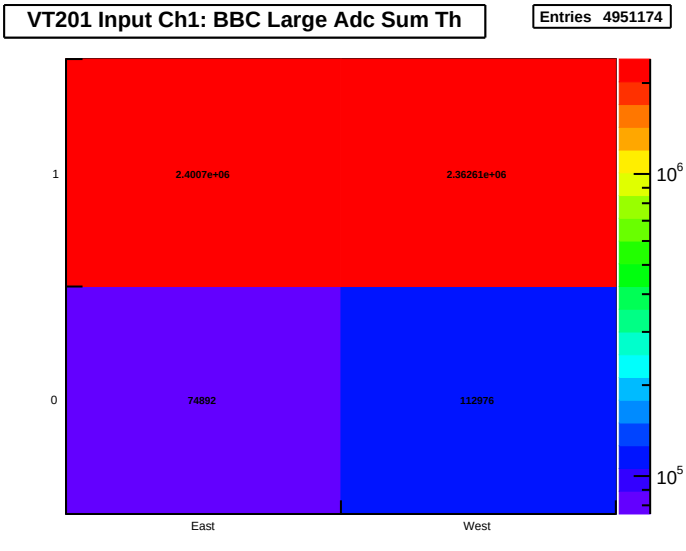

zdcAdcSumDiff
Entries 8194295
10
1822
311
791488
791729
791857
458816
565389
211886
886130
886376
886434
537788
881085
501174
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

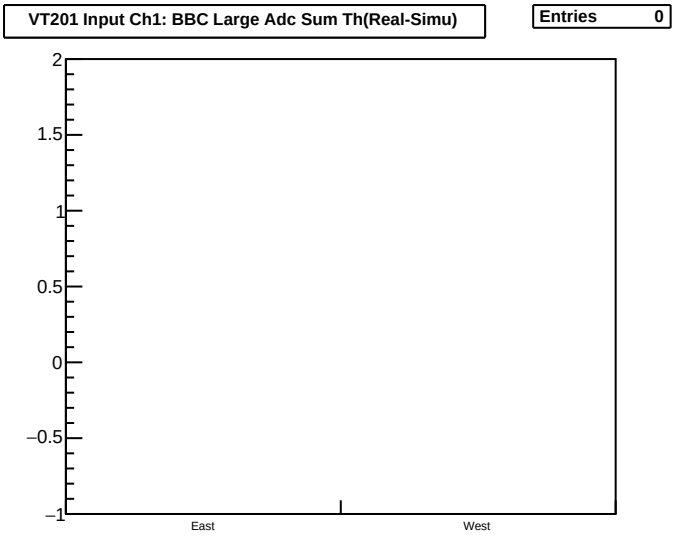

VT201 Input Ch0: BBC Small Tac Diff
Entries2475587
Tac


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

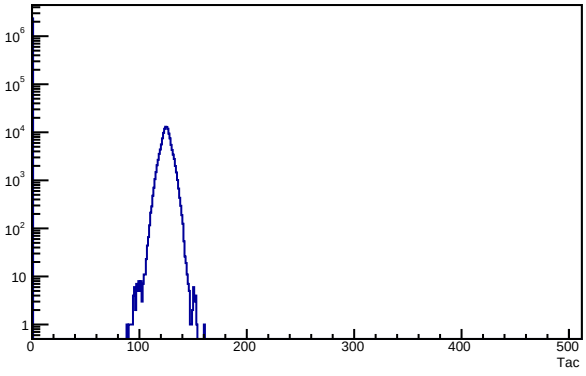

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7426761
2.4144e+06
2.44185e+06
2.47559e+06
61186
33739
TAC-Sum
East
West


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

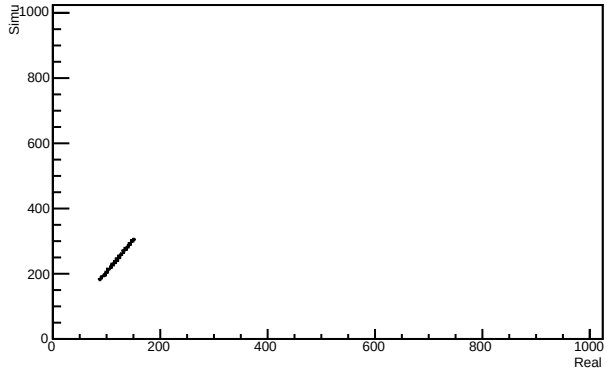

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4951174
2.4007e+06
2.36261e+06
74892
112976
East
West


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

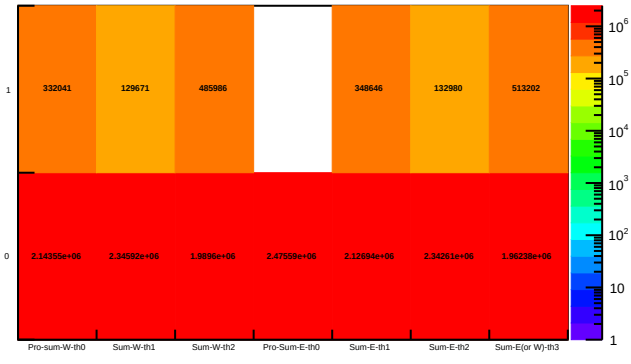
VT201 Input Ch2: ZDC Tac Diff



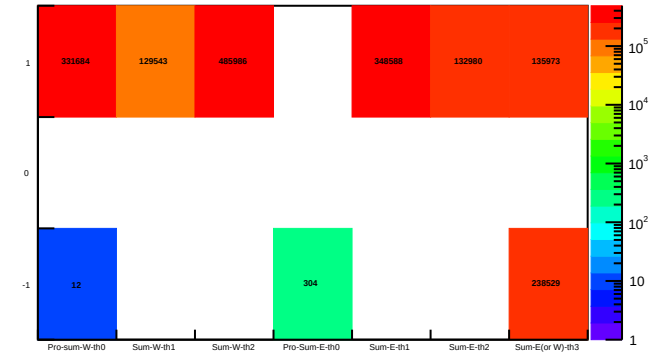
VT201 Input Ch2: ZDC Tac Diff



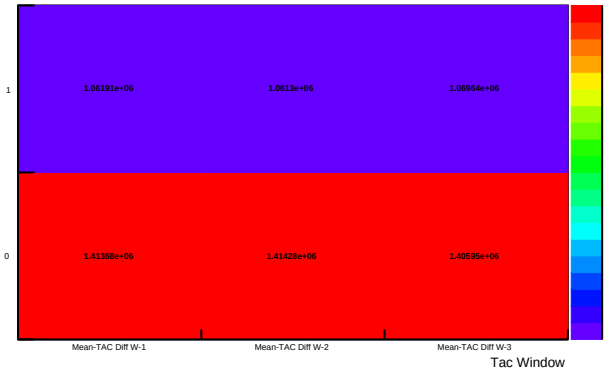
VT201 Input Ch2: ZDC Adc Sum Th



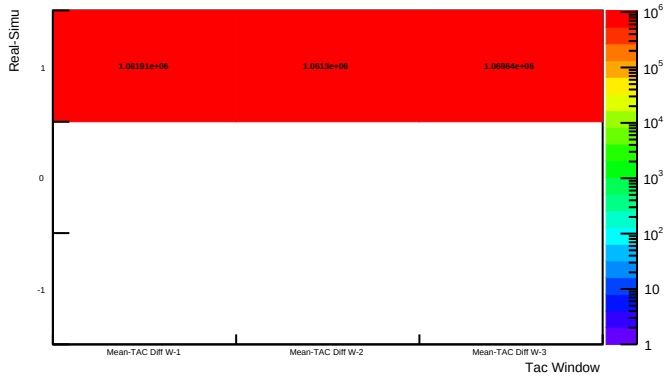
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



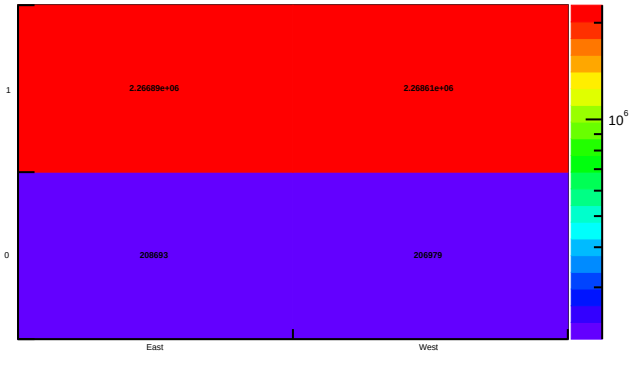
VT201 Input Ch4: VPD Tac Diff



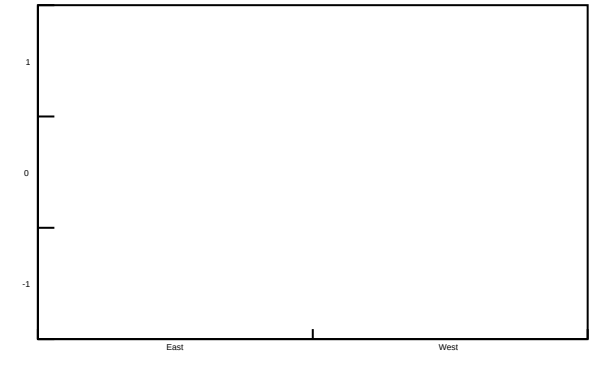
VT201 Input Ch4: VPD Tac Diff

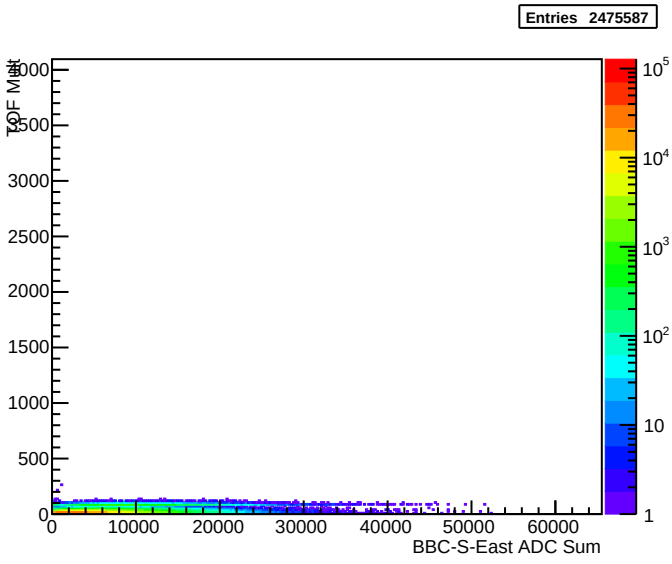


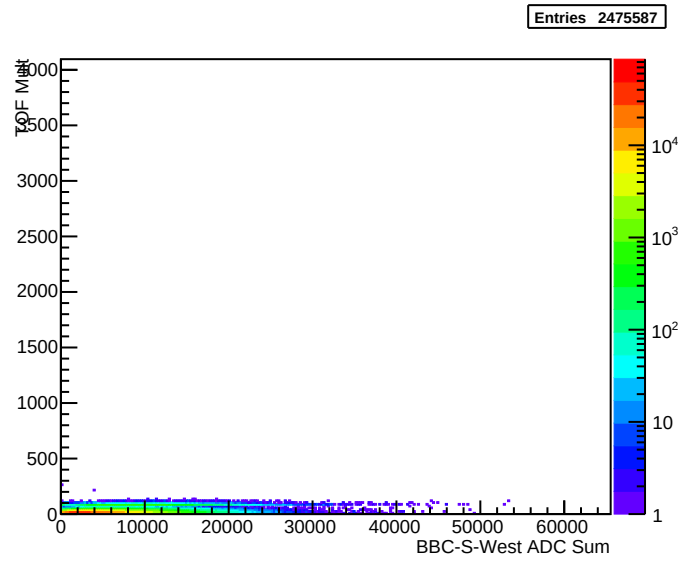
VT201 Input Ch4: VPD Adc Sum Th

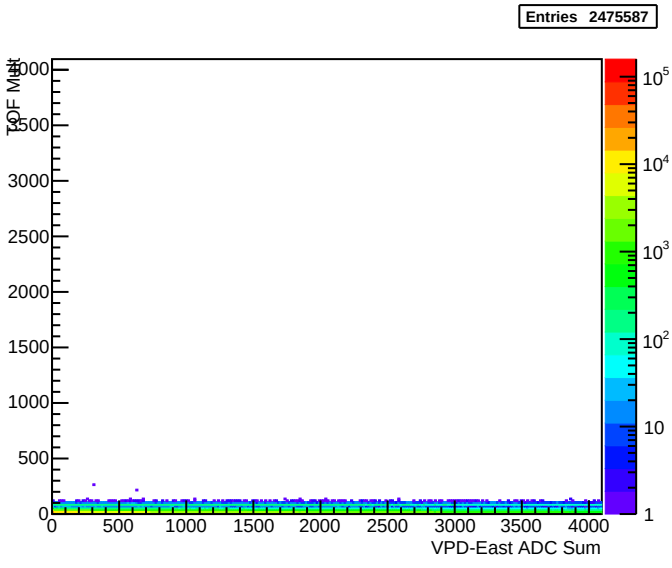


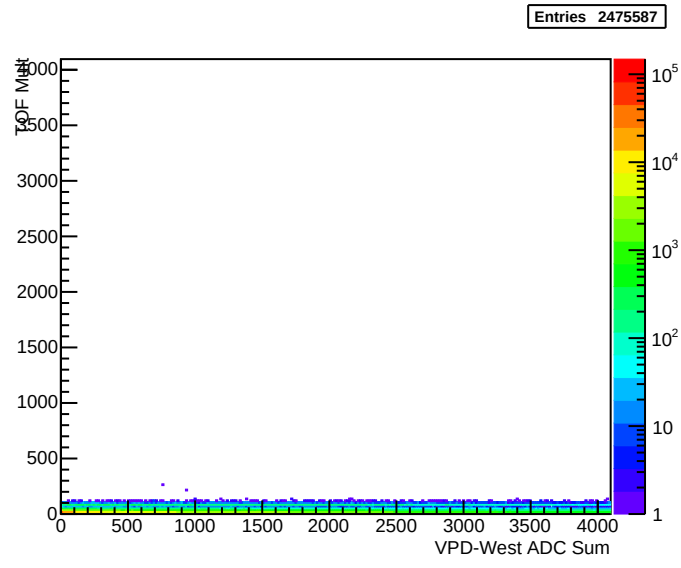
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

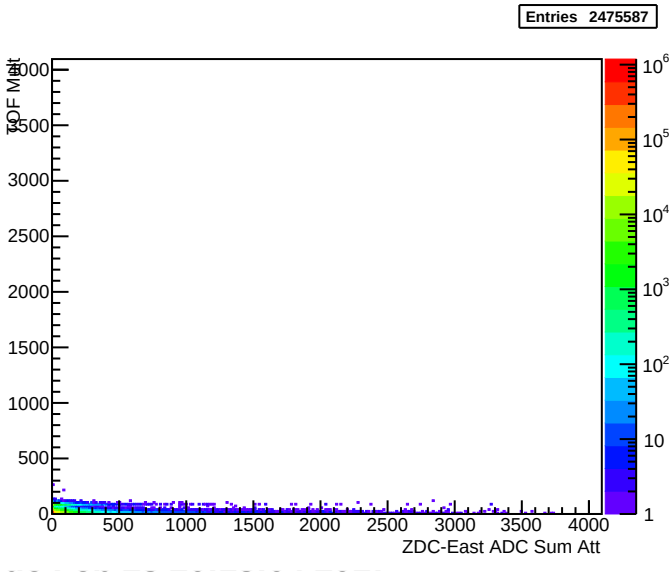


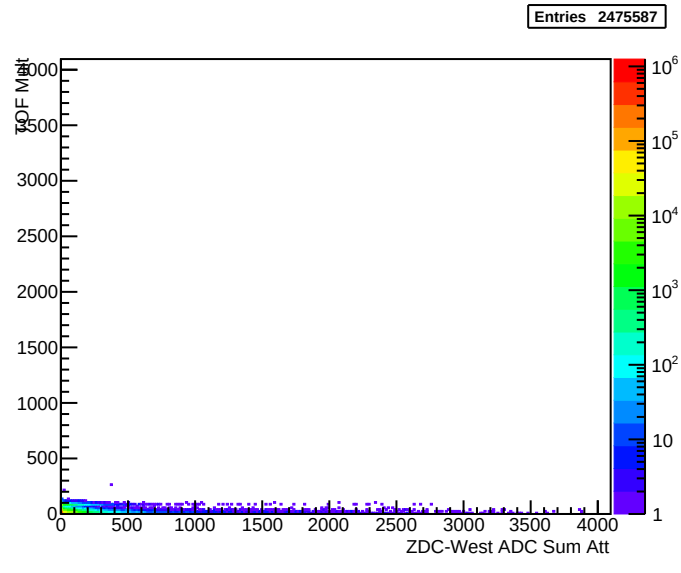

Entries 2475587
TOF Mult
BBC-S-East ADC Sum

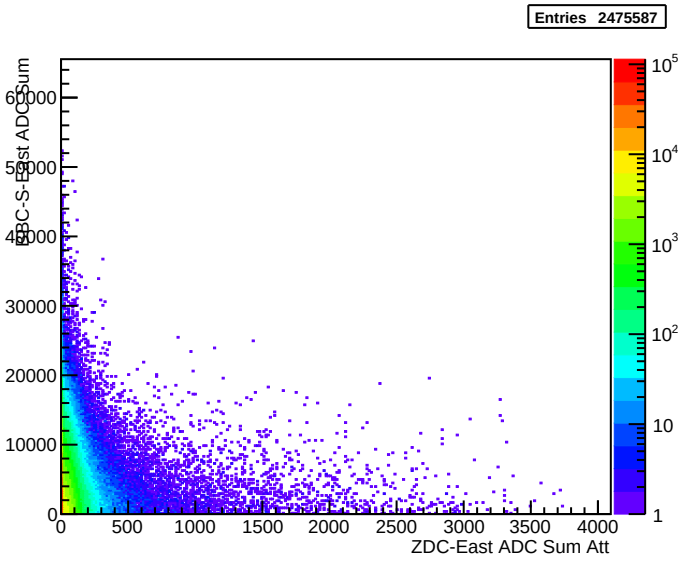

Entries 2475587
TOF Mult
BBC-S-West ADC Sum

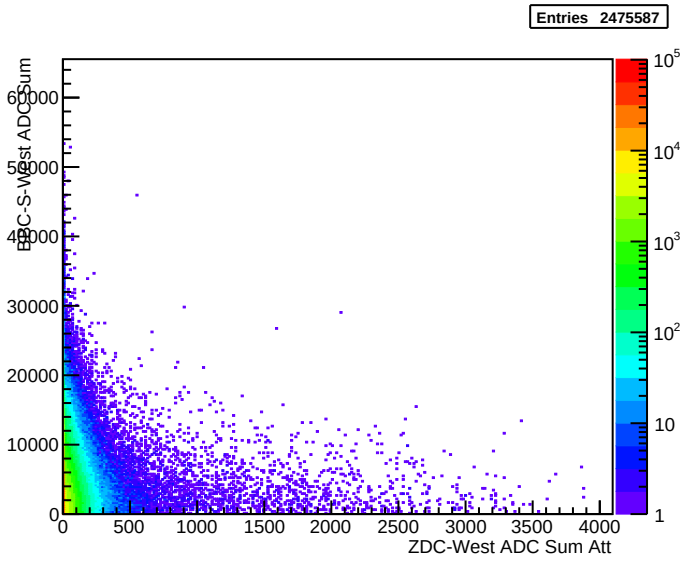

Entries 2475587
TOF Mult
VPD-East ADC Sum

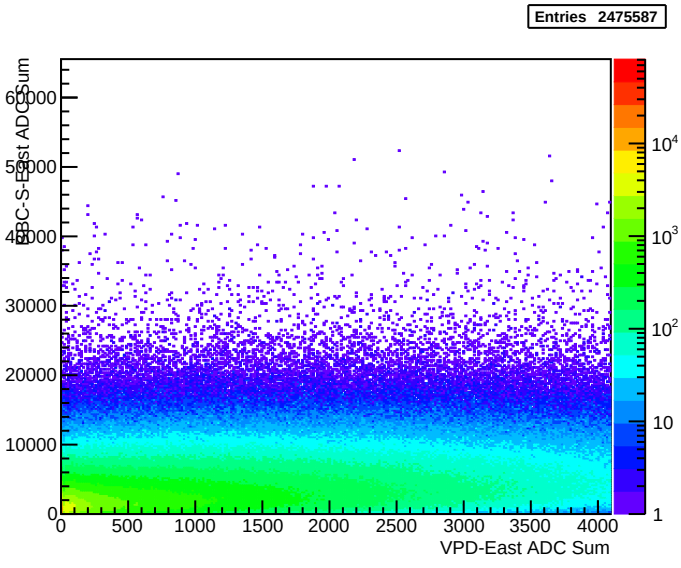

Entries 2475587
TOF Mult
VPD-West ADC Sum

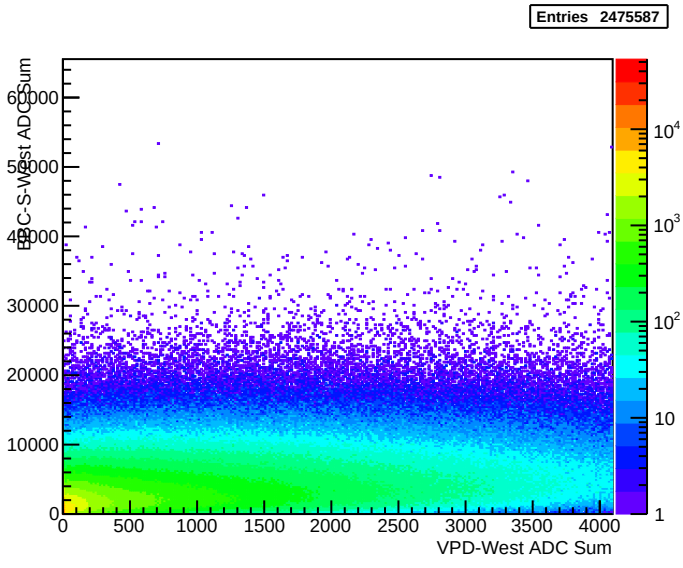

Entries 2475587
TOF Mult
ZDC-East ADC Sum Att

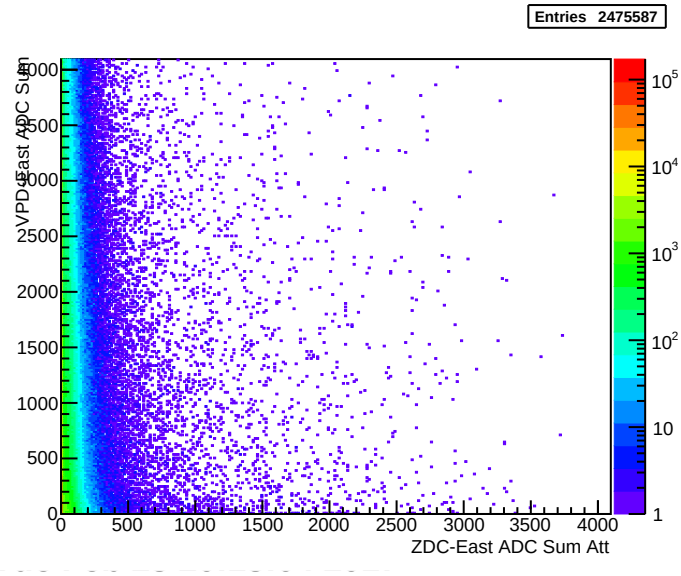

Entries 2475587
TOF Mult
ZDC-West ADC Sum Att

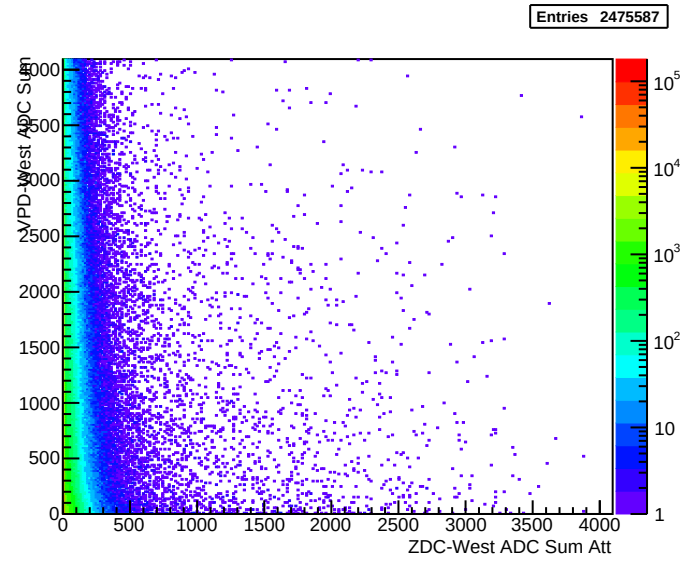

Entries 2475587
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

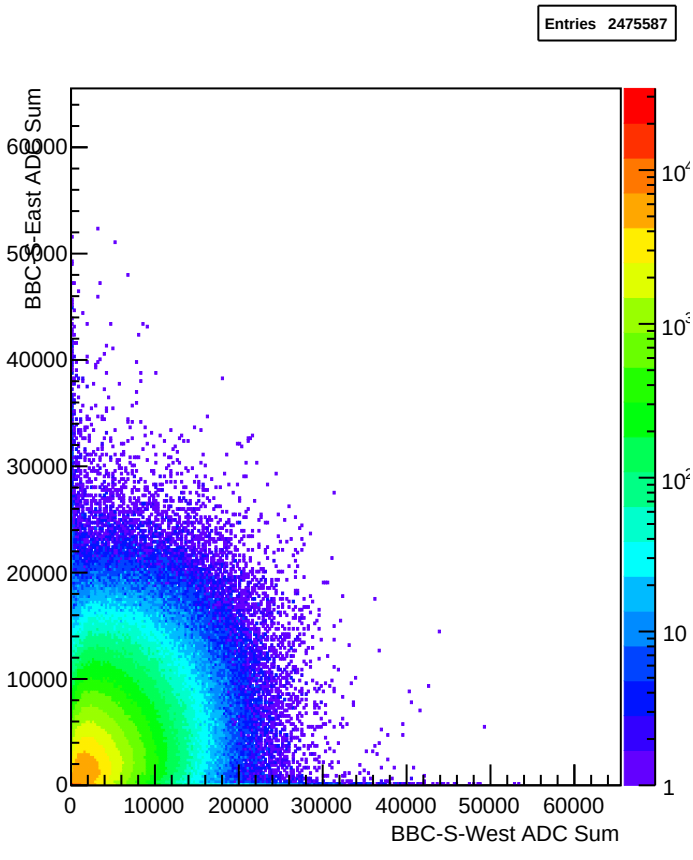

Entries 2475587
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

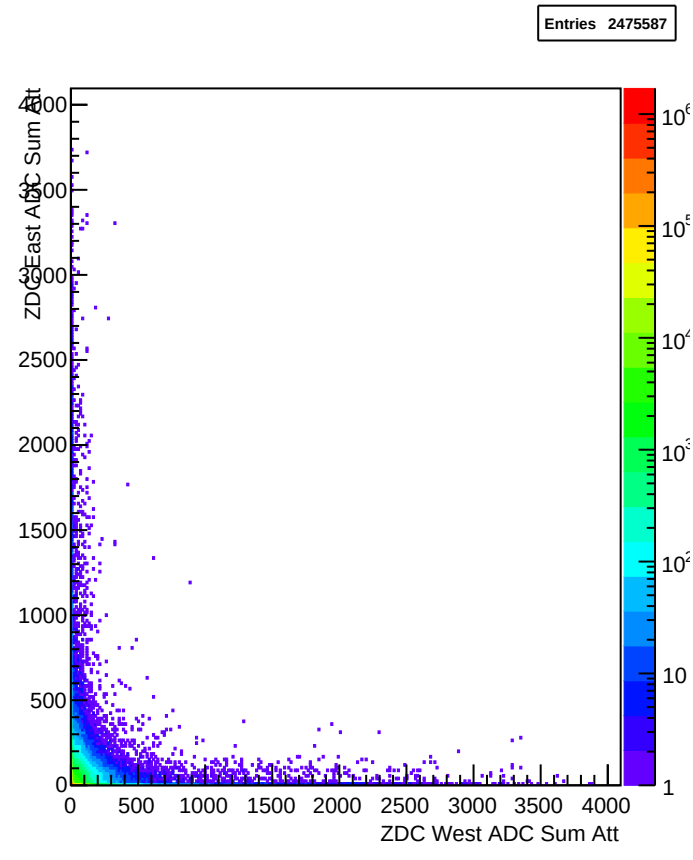

Entries 2475587
BBC-S-East ADC Sum
VPD-East ADC Sum

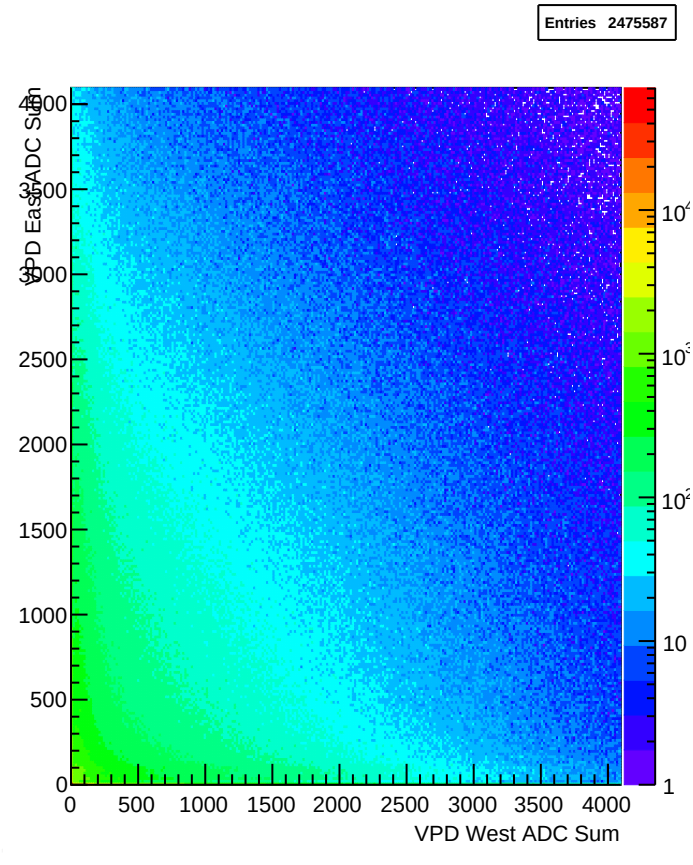

Entries 2475587
BBC-S-West ADC Sum
VPD-West ADC Sum

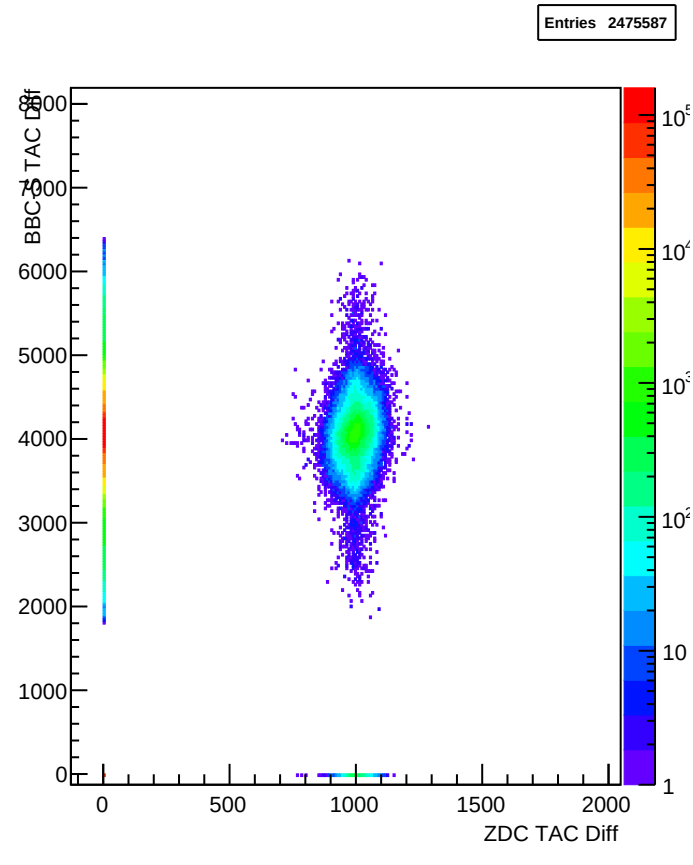

Entries 2475587
VPD-East ADC Sum
ZDC-East ADC Sum Att

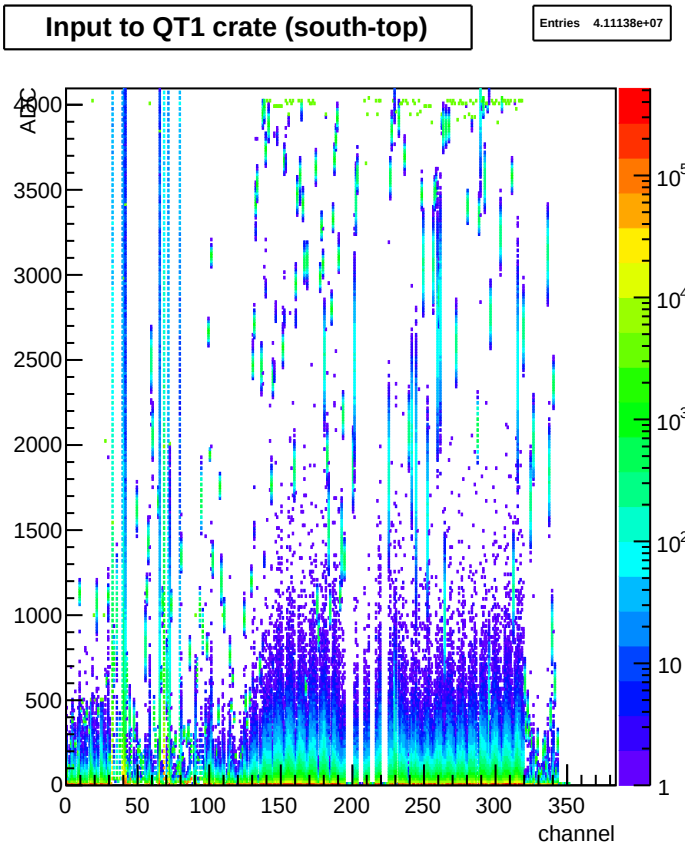

Entries 2475587
VPD-West ADC Sum
ZDC-West ADC Sum Att

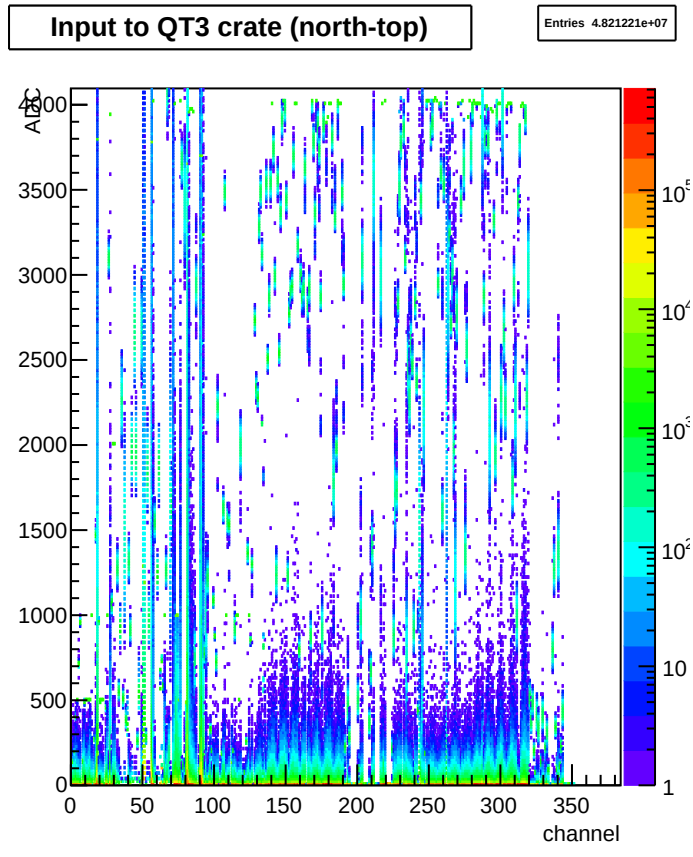

Entries 2475587
BBC-S-East ADC Sum
BBC-S-West ADC Sum

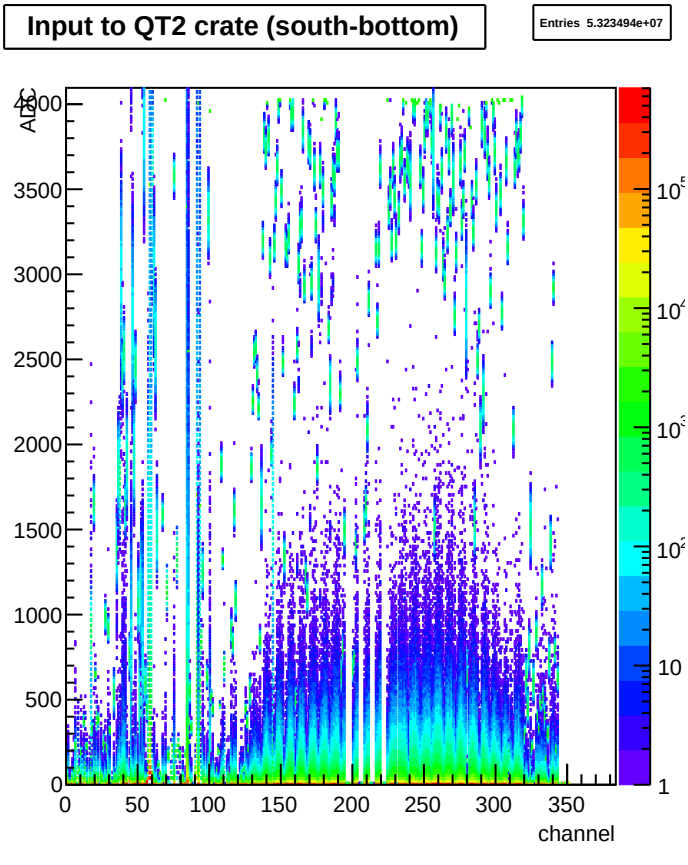

Entries 2475587
ZDC East ADC Sum Att
ZDC West ADC Sum Att

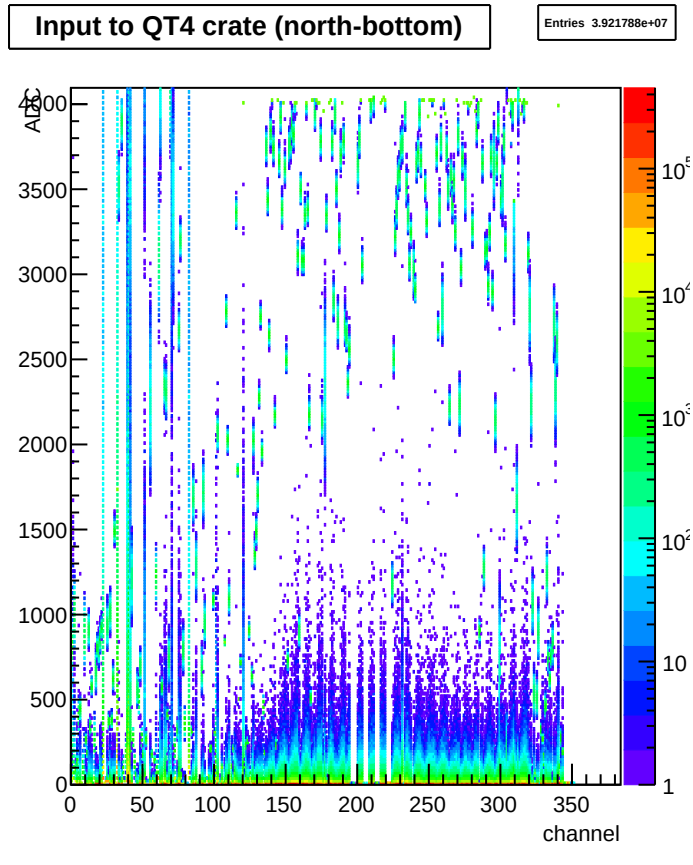

Entries 2475587
VPD East ADC Sum
VPD West ADC Sum

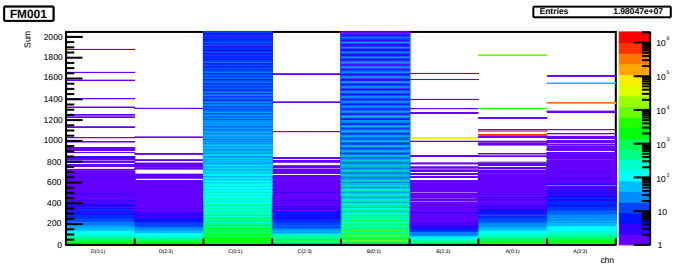

Entries 2475587
BBC-S TAC Diff
ZDC TAC Diff

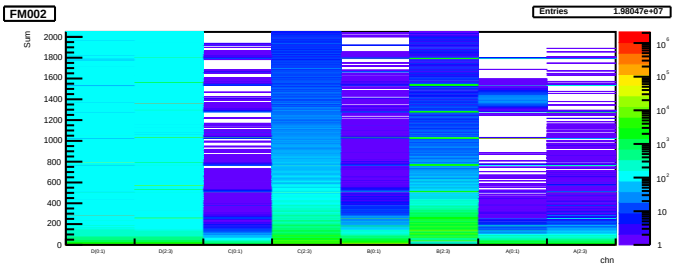

Input to QT1 crate (south-top)
Entries 4.11138e+07
ADC
channel

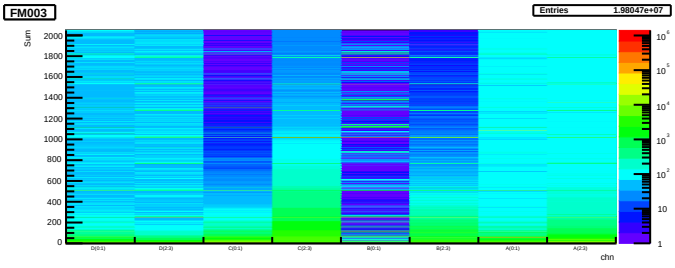

Input to QT3 crate (north-top)
Entries 4.821221e+07
ADC
channel

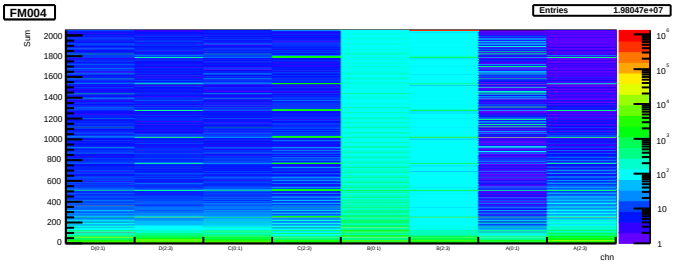

Input to QT2 crate (south-bottom)
Entries 5.323494e+07
ADC
channel

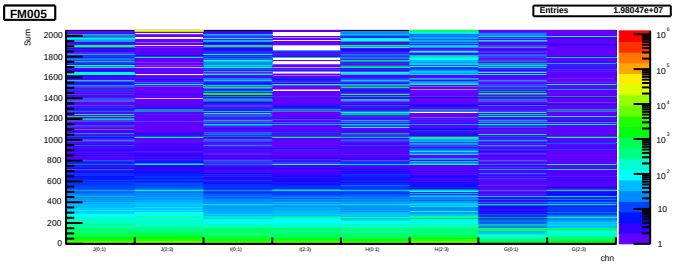

Input to QT4 crate (north-bottom)
Entries 3.921788e+07
ADC
channel

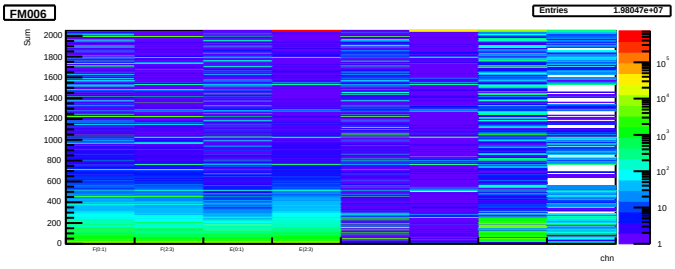

FM001
Entries 1.98047e+07
Sum
chn

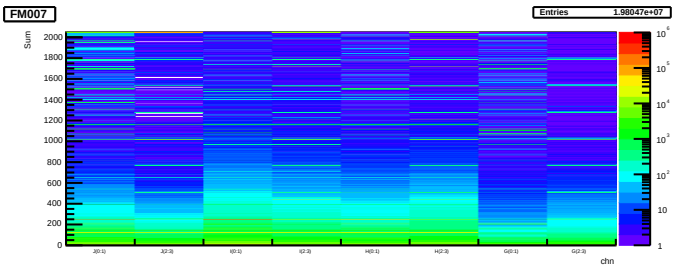

FM002
Entries 1.98047e+07
Sum
chn

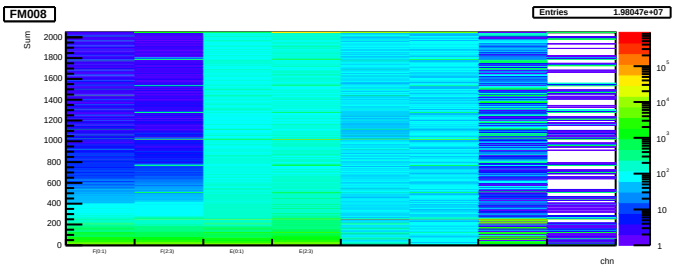

FM003
Entries 1.98047e+07
Sum
chn

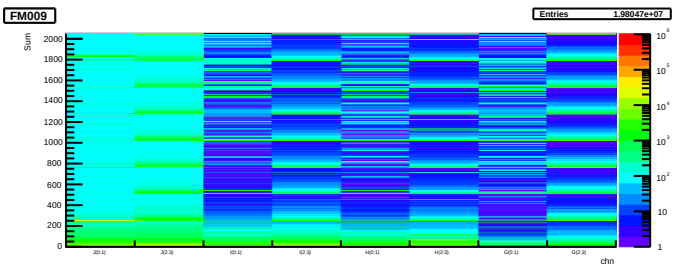

FM004
Entries 1.98047e+07
Sum
chn


FM005
Entries 1.98047e+07
Sum
chn


FM006
Entries 1.98047e+07
Sum
chn


FM007
Entries 1.98047e+07
Sum
chn


FM008
Entries 1.98047e+07
Sum
chn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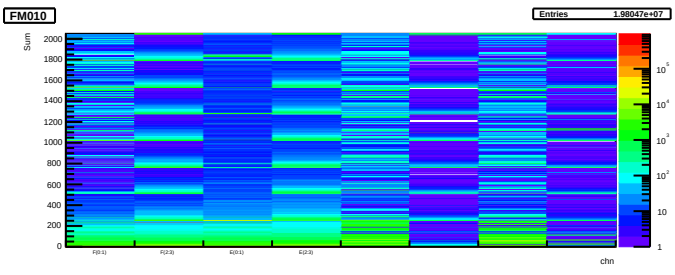
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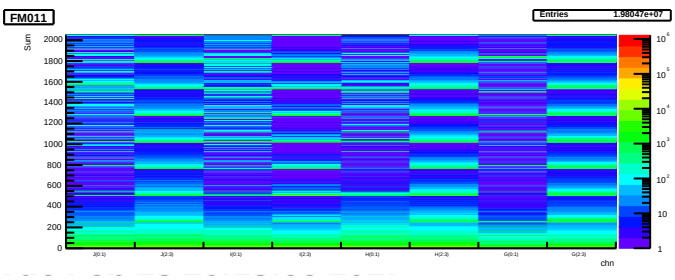
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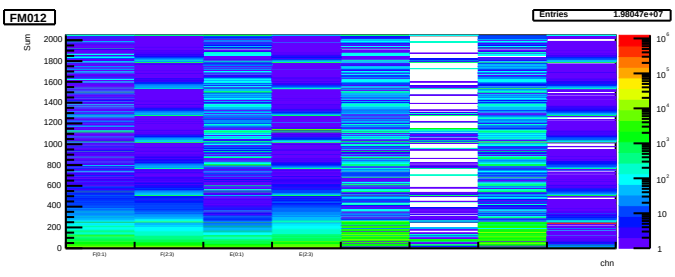
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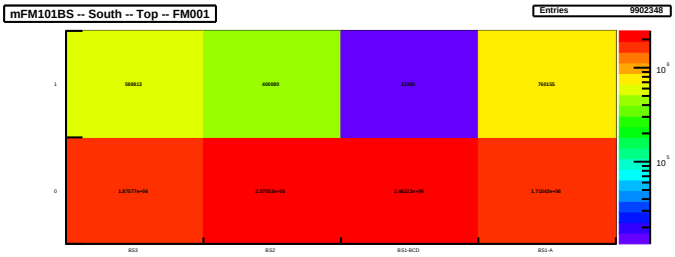
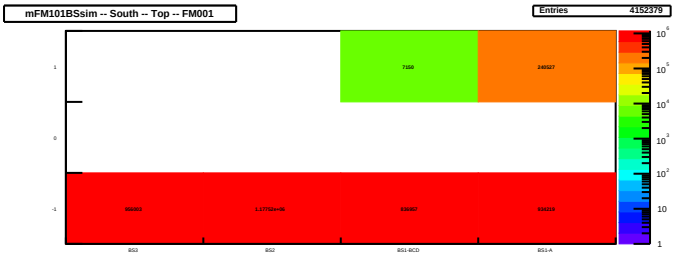

mFM101BS -- South -- Top -- FM001
Entries 9902348


mFM101BSsim -- South -- Top -- FM001
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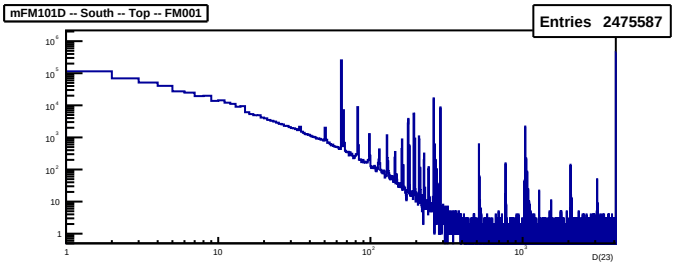
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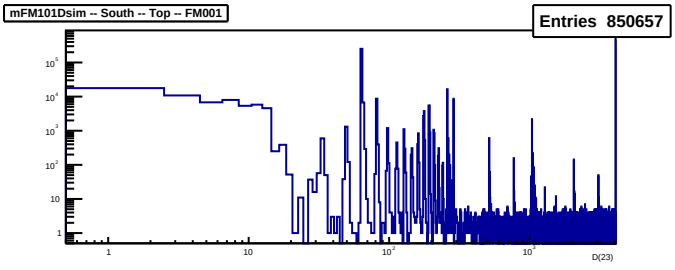
Entries 2475587
D(23)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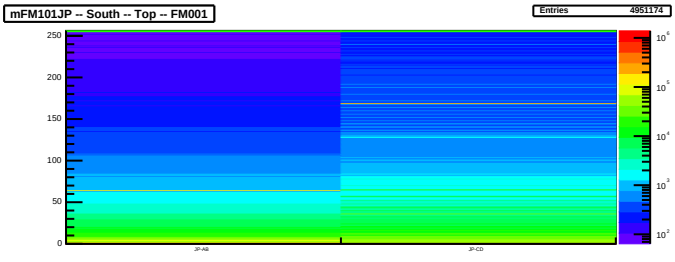
D(23)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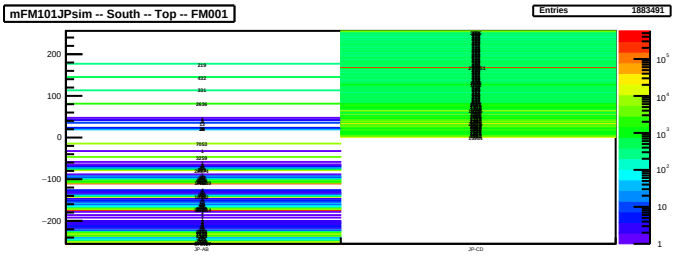
Entries 4951174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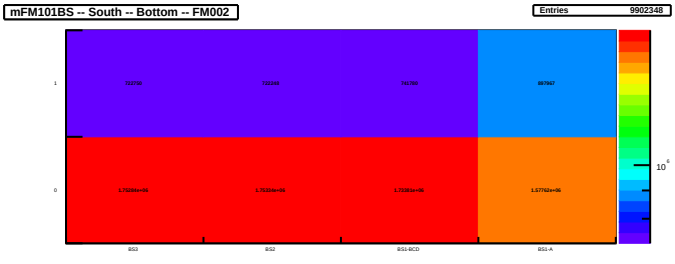
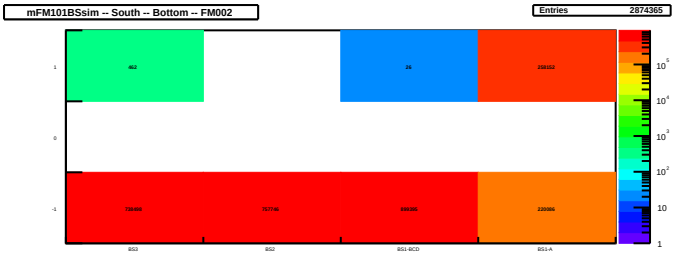
Entries 1883491


mFM101BS -- South -- Bottom -- FM002
Entries 9902348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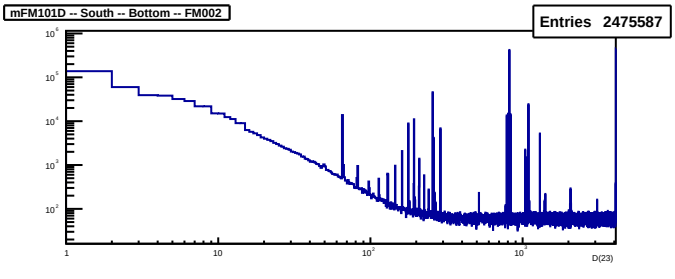
Entries 2874365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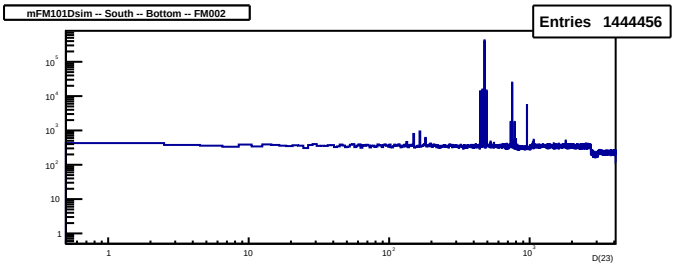
Entries 2475587
D(23)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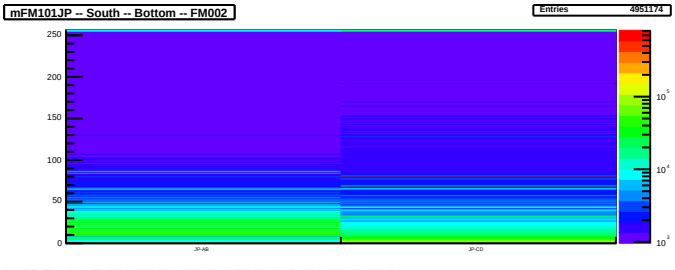
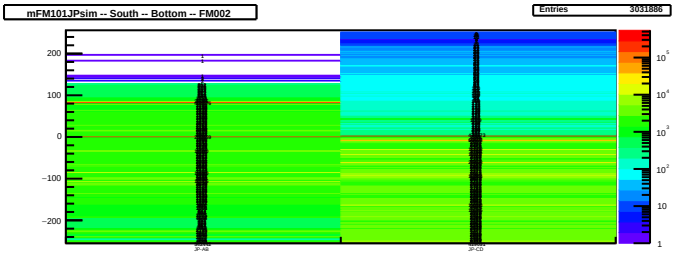

mFM101JP -- South -- Bottom -- FM002
Entries 4951174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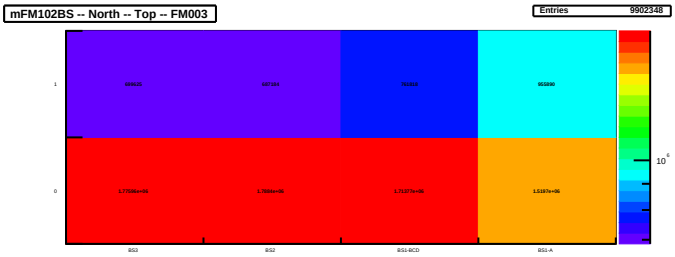
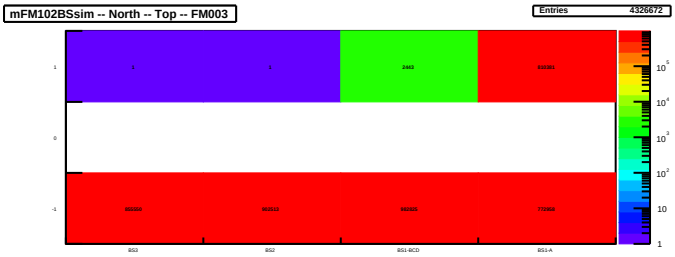

mFM102BS -- North -- Top -- FM003
Entries 9902348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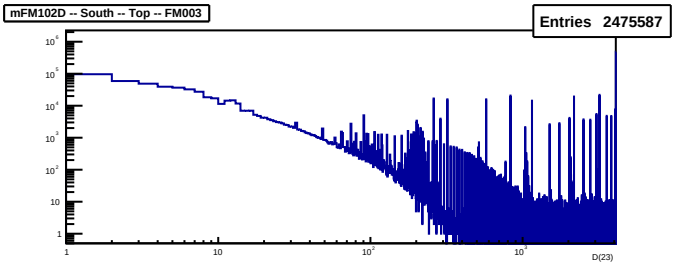
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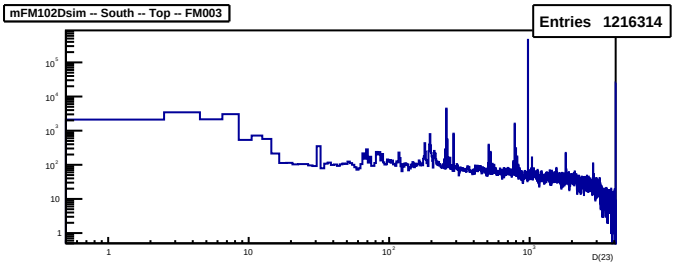
Entries 2475587
D(23)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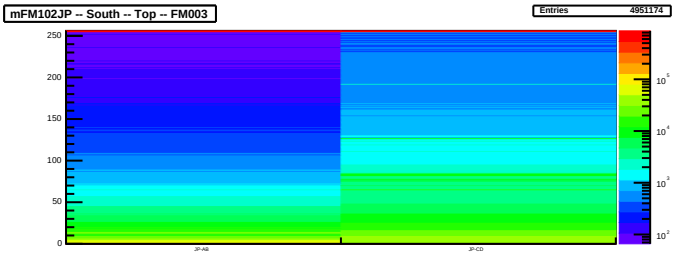
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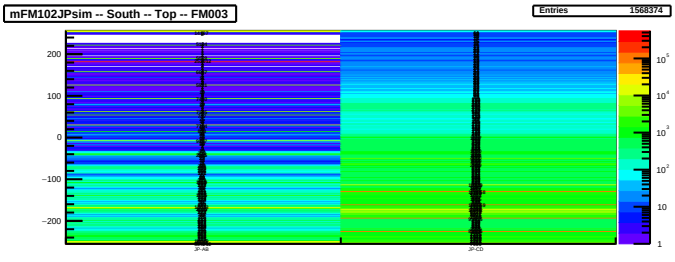
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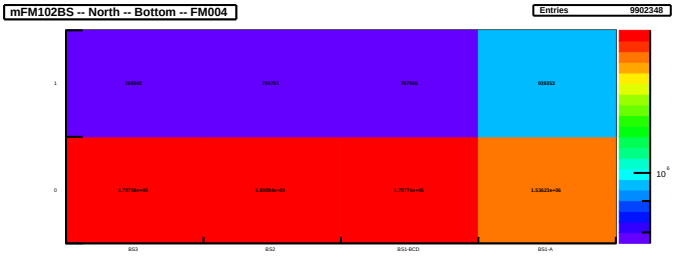
mFM102BS -- North -- Bottom -- FM004
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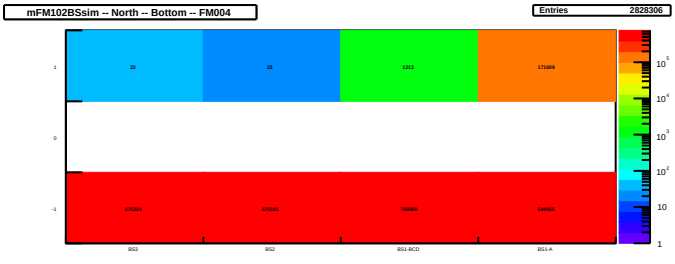
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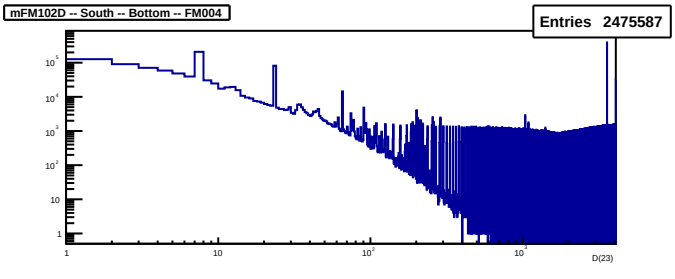
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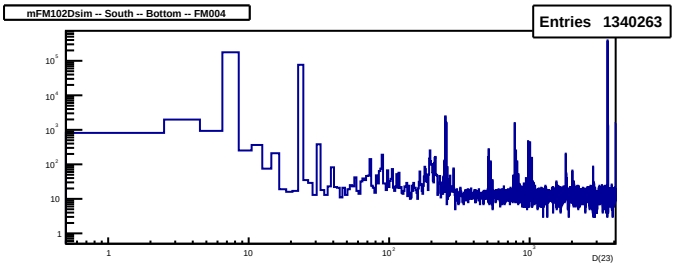
Entries 2475587
D(23)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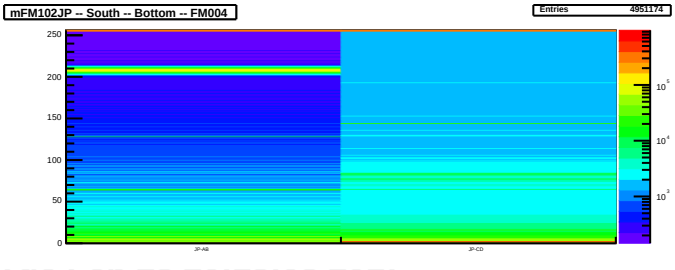
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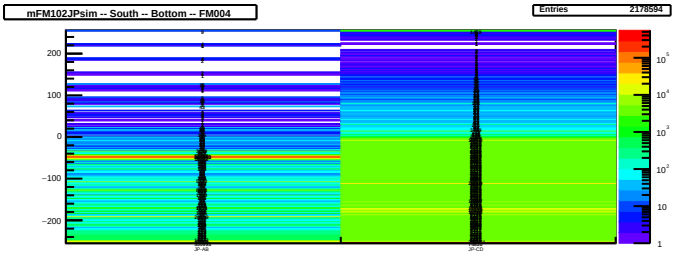
Entries 4951174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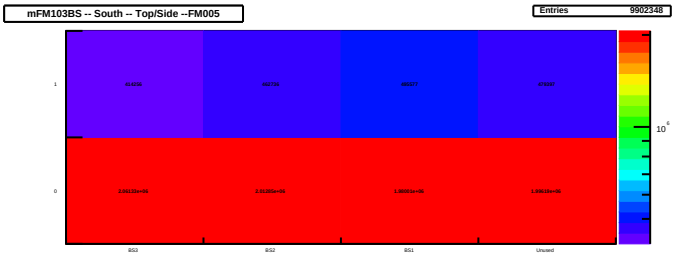
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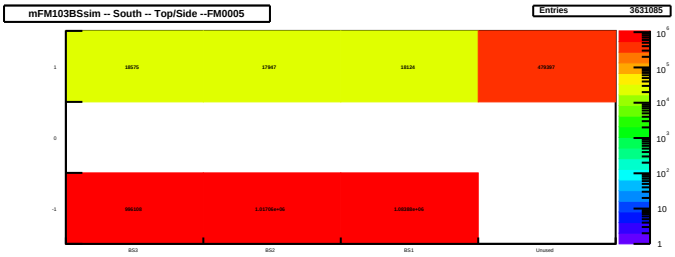
Entries 9902348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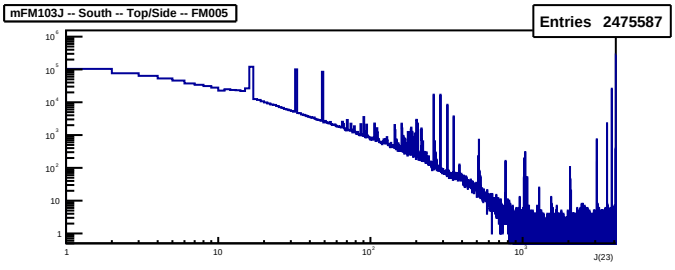
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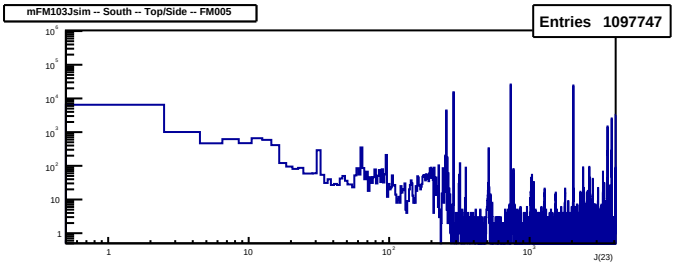
Entries 2475587
J(23)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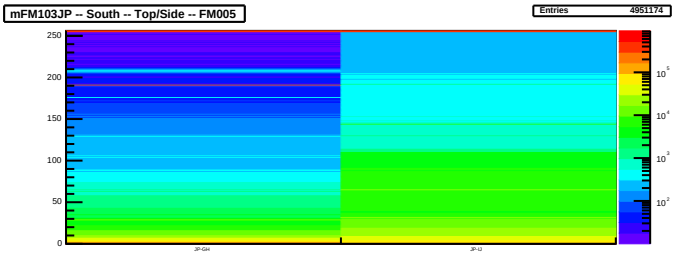
Entries 1097747
J(23)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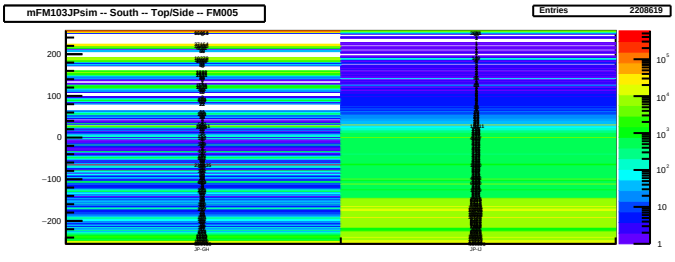
Entries 4951174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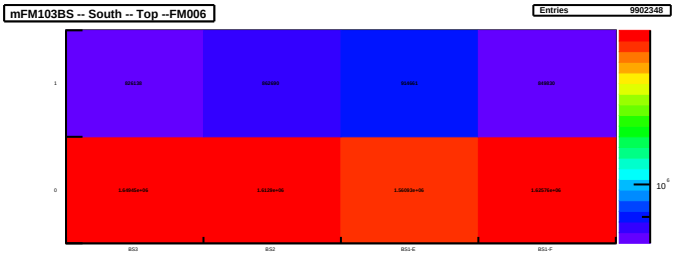
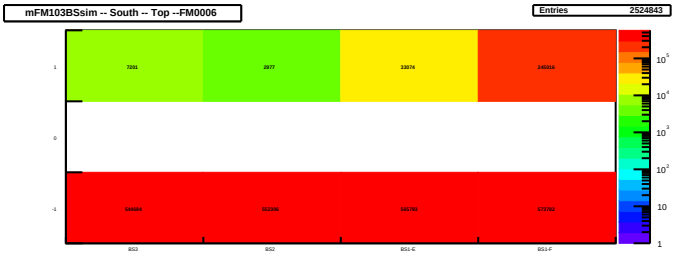

mFM103BS -- South -- Top --FM006
Entries 9902348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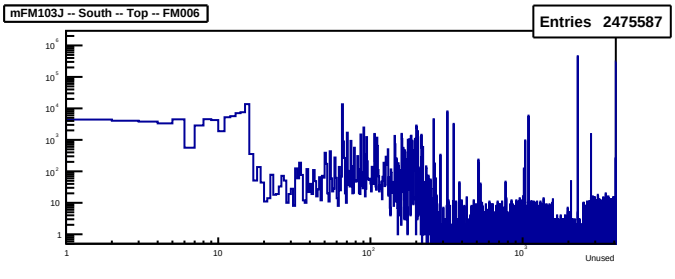
mFM103J -- South -- Top -- FM006
Entries 2475587
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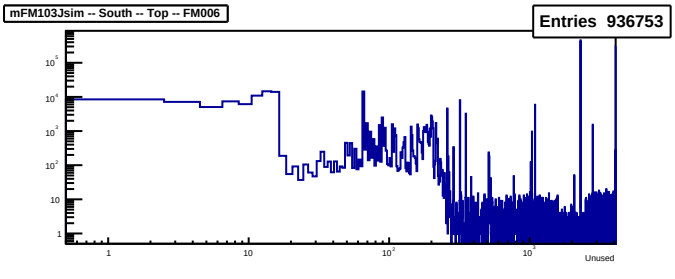
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Entries 936753
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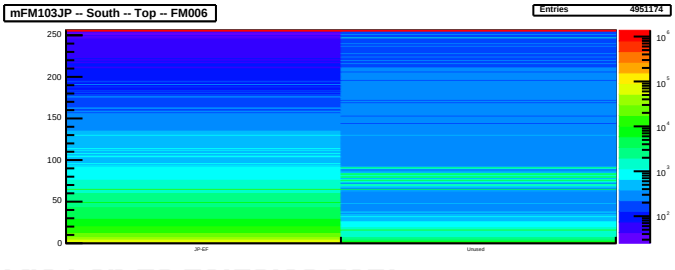
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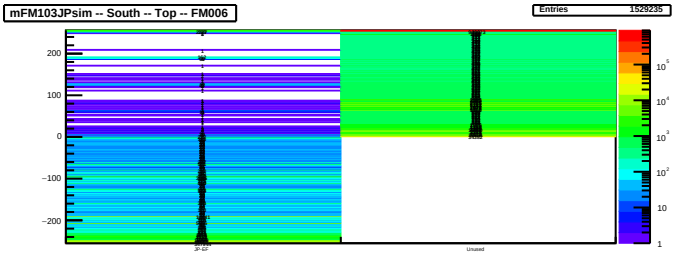
Entries 4951174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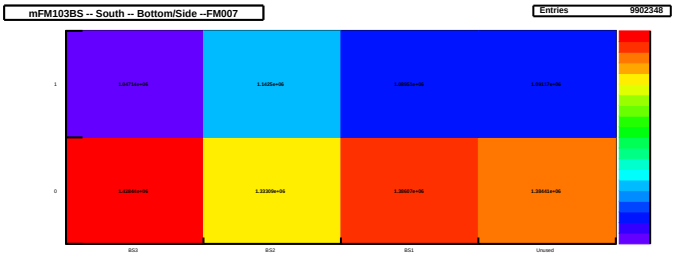
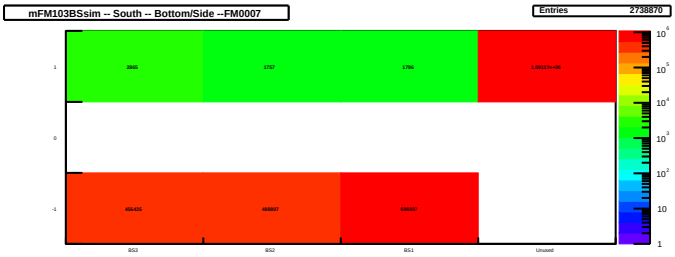
Entries 1529235


mFM103BS -- South -- Bottom/Side --FM007
Entries 9902348
BS3
BS2
BS1
Unused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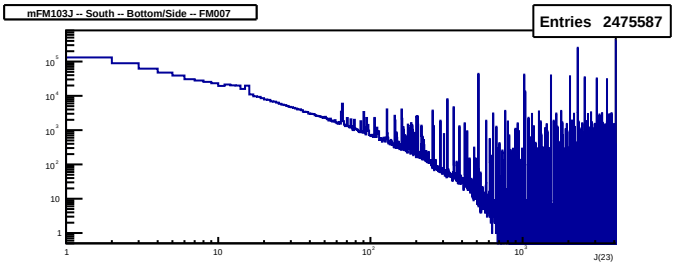
BS3
BS2
BS1
Unused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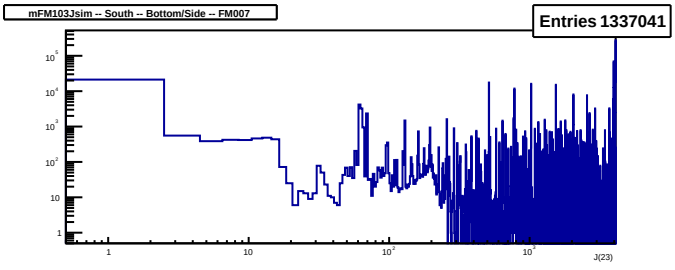
Entries 2475587
J(23)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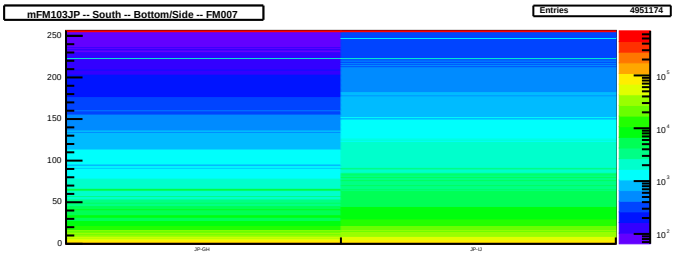
J(23)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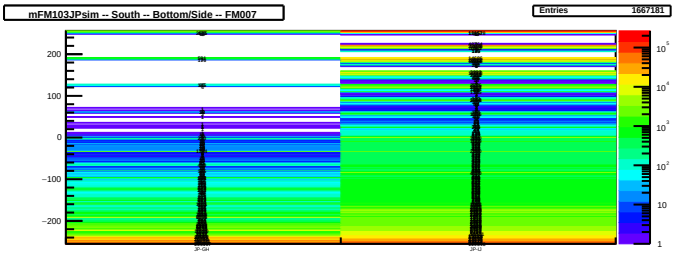
Entries 4951174
JP-GH
JP-IJ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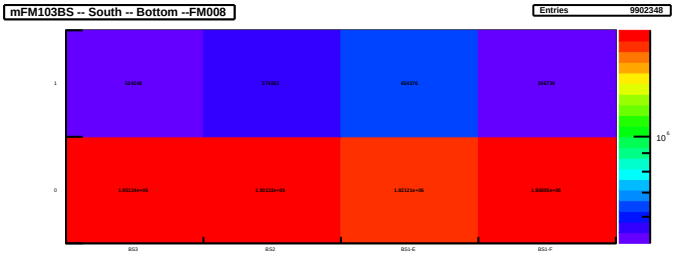
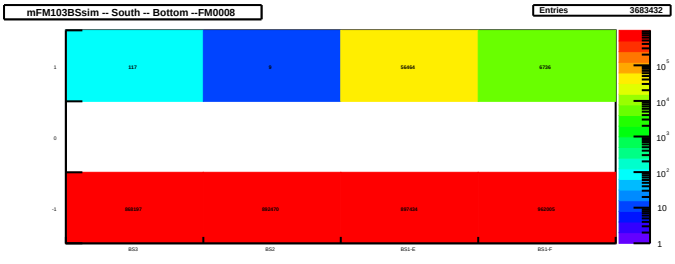
Entries 1667181
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 9902348
BS3
BS2
BS1-E
BS1-F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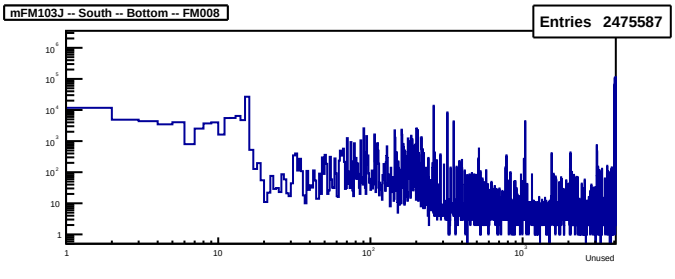
Entries 3683432
BS3
BS2
BS1-E
BS1-F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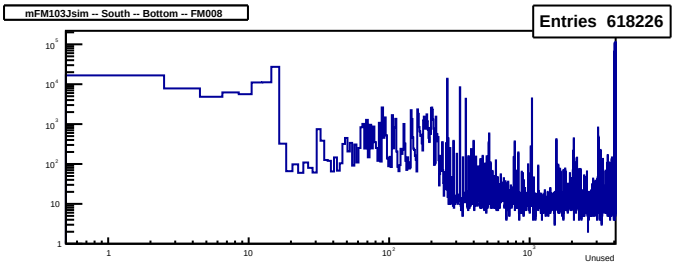
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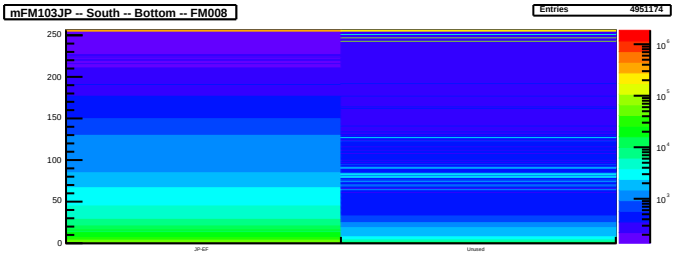
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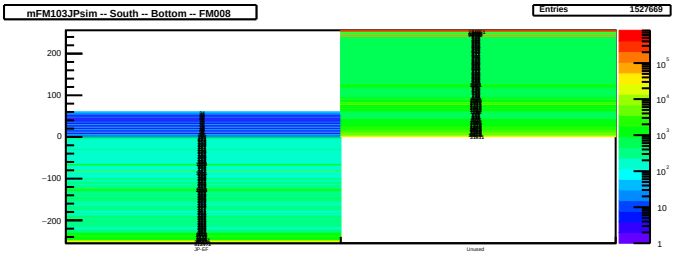
Entries 4951174
JP-EF
Unused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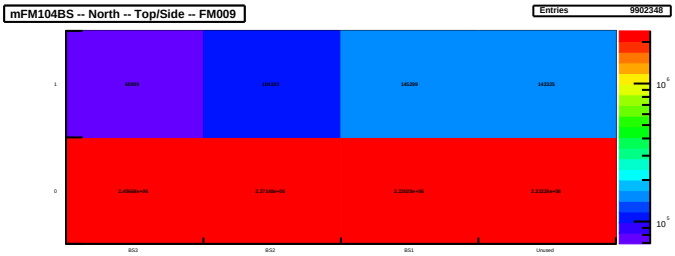
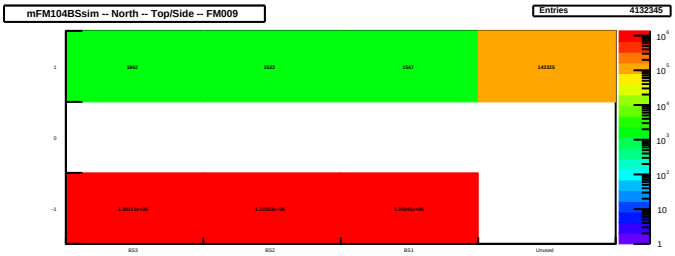
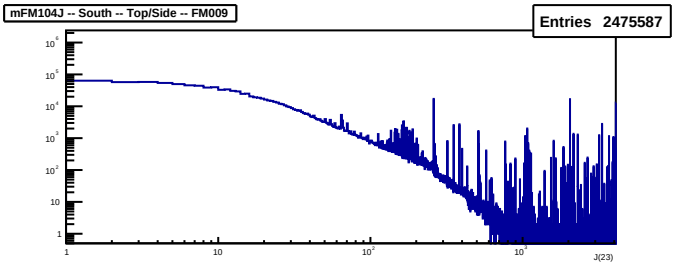
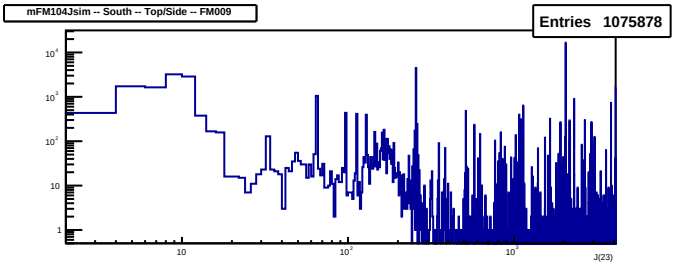
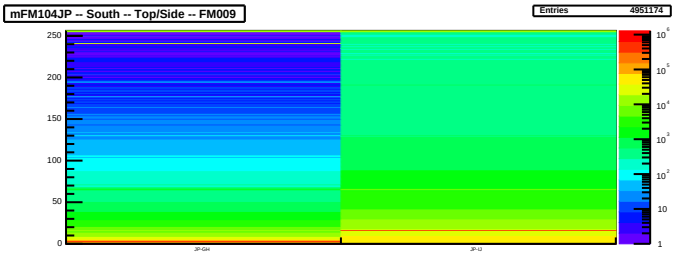
JP-EF
Unused

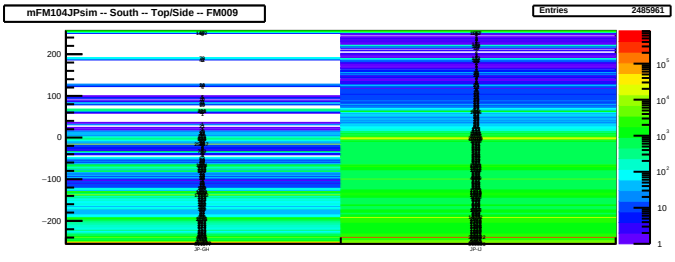

mFM104BS -- North -- Top/Side -- FM009
Entries 9902348

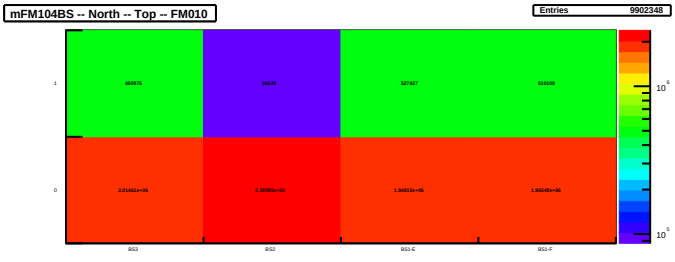

mFM104BSsim -- North -- Top/Side -- FM009
Entries 4132345

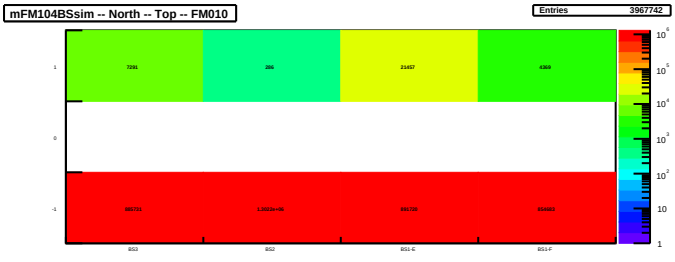

mFM104J -- South -- Top/Side -- FM009
Entries 2475587
J(23)

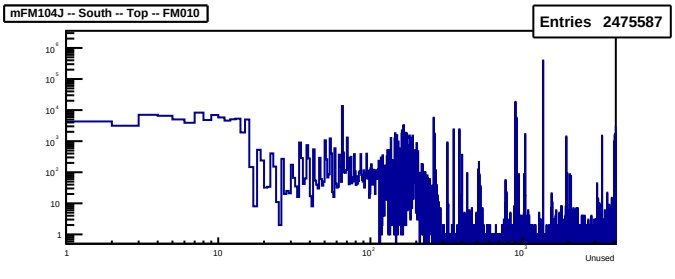

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1075878
J(23)

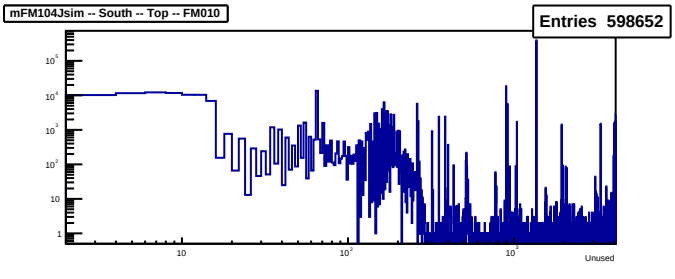

mFM104JP -- South -- Top/Side -- FM009
Entries 4951174

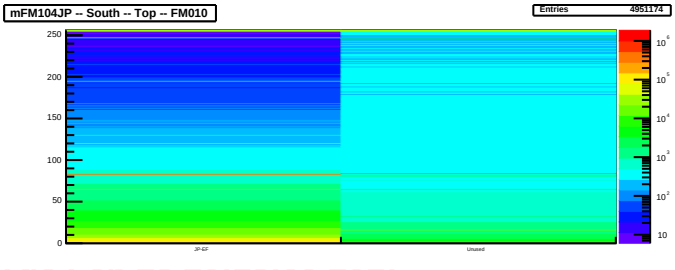

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2485961

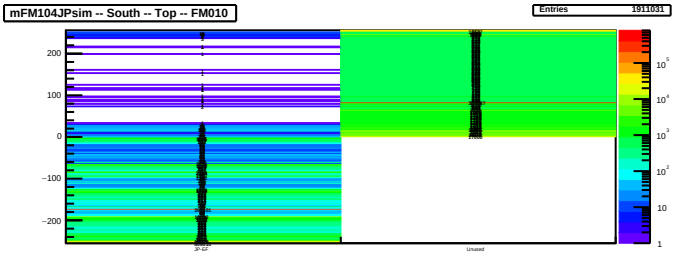

mFM104BS -- North -- Top -- FM010
Entries 9902348

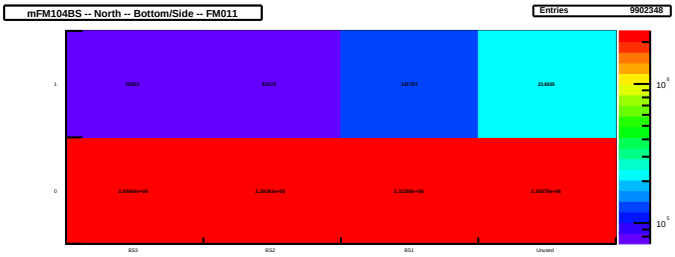

mFM104BSsim -- North -- Top -- FM010
Entries 3967742

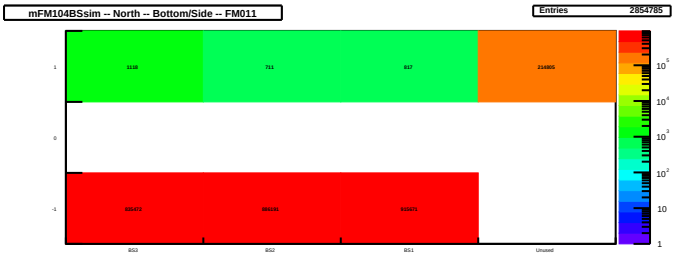

mFM104J -- South -- Top -- FM010
Entries 2475587
Unused

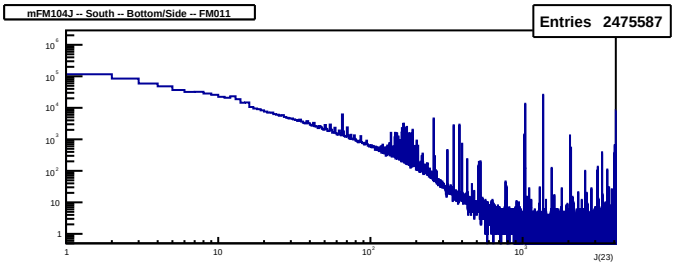

mFM104Jsim -- South -- Top -- FM010
Entries 598652
Unused

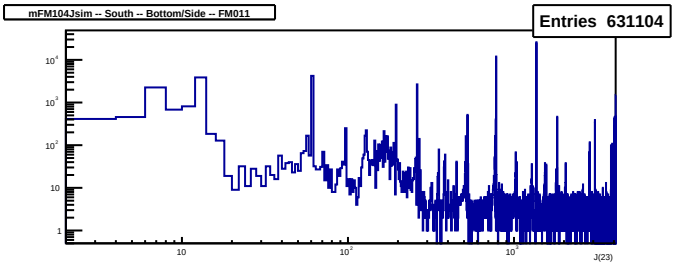

mFM104JP -- South -- Top -- FM010
Entries 4951174

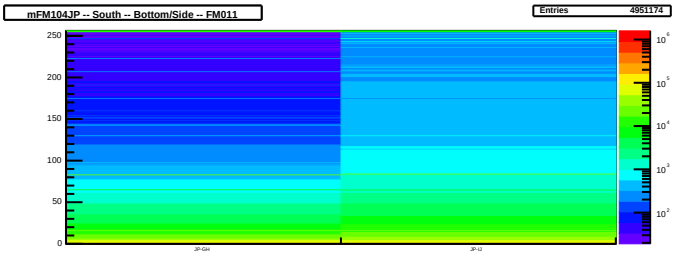

mFM104JPsim -- South -- Top -- FM010
Entries 1911031

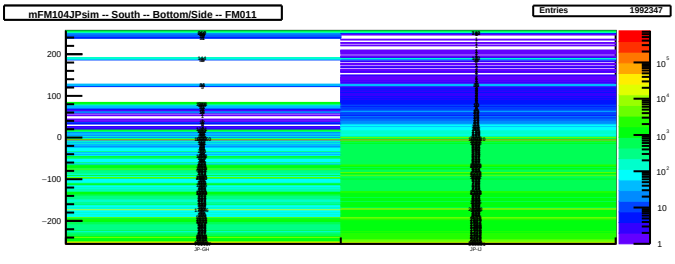

mFM104BS -- North -- Bottom/Side -- FM011
Entries 9902348

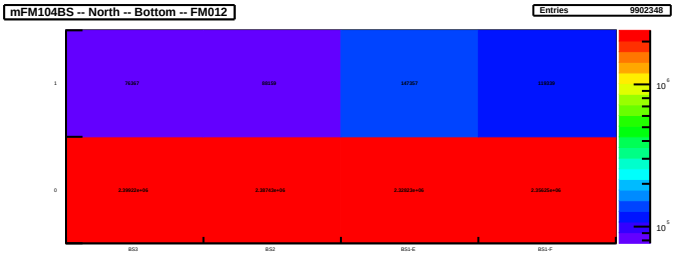

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2854785

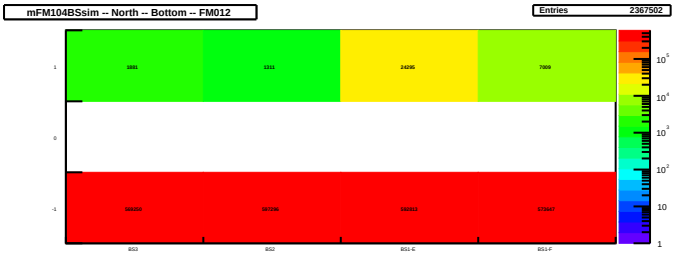

mFM104J -- South -- Bottom/Side -- FM011
Entries 2475587
J(23)

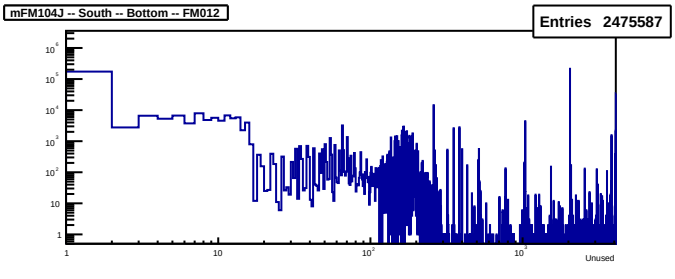

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 631104
J(23)

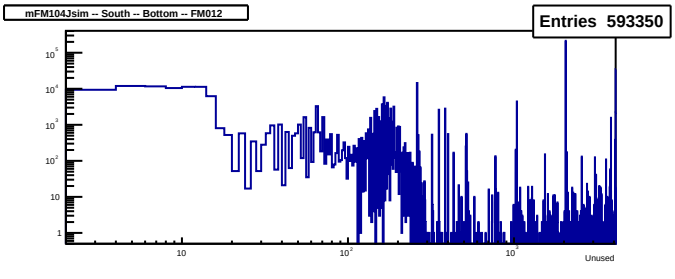

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4951174

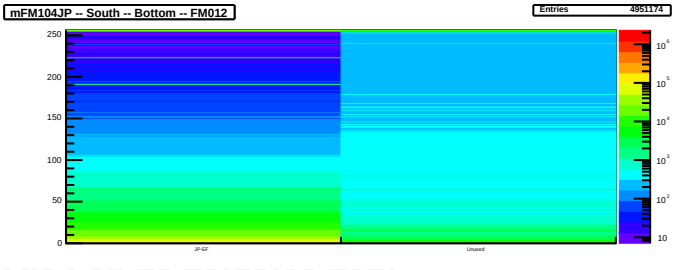

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1992347

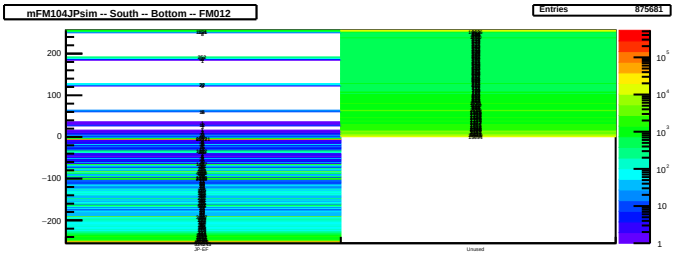

mFM104BS -- North -- Bottom -- FM012
Entries 9902348

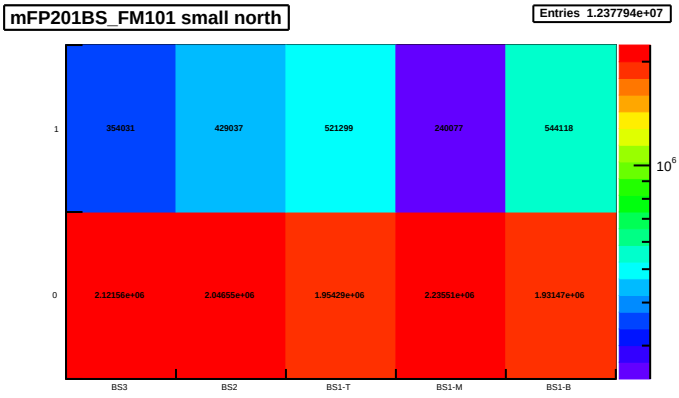

mFM104BSsim -- North -- Bottom -- FM012
Entries 2367502

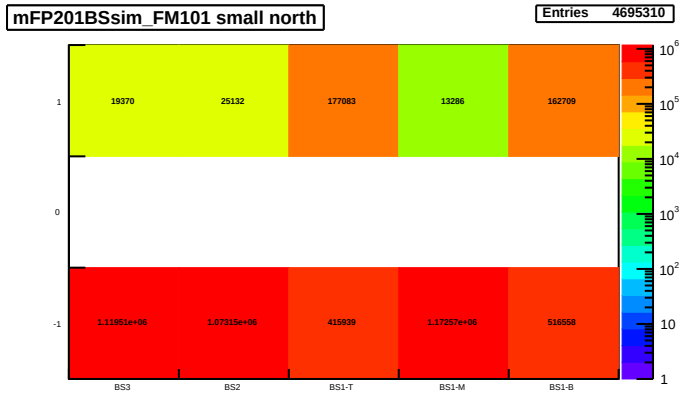

mFM104J -- South -- Bottom -- FM012
Entries 2475587
Unused

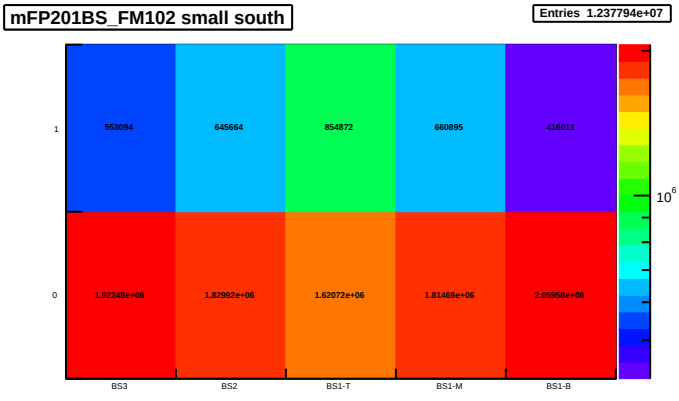

mFM104Jsim -- South -- Bottom -- FM012
Entries 593350
Unused

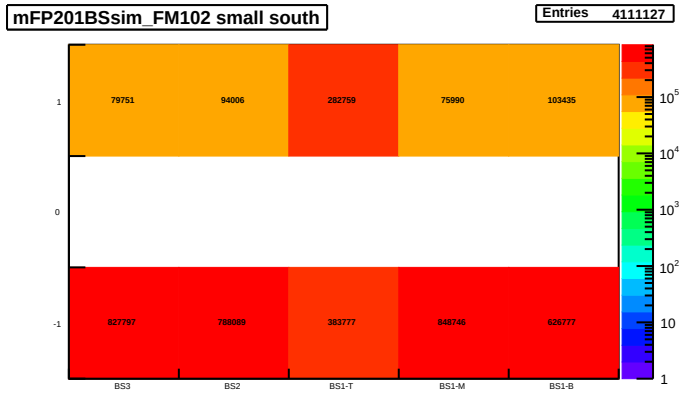

mFM104JP -- South -- Bottom -- FM012
Entries 4951174

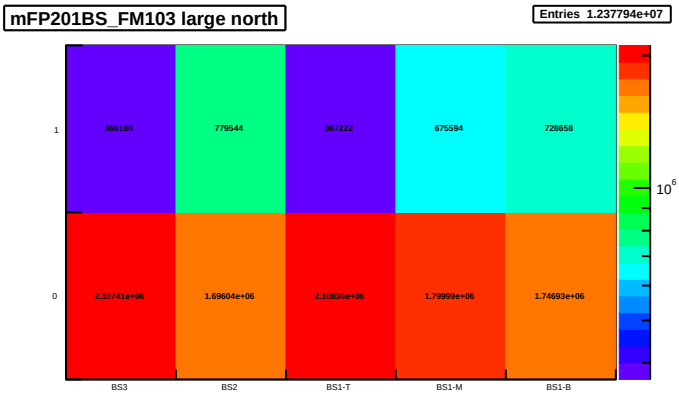

mFM104JPsim -- South -- Bottom -- FM012
Entries 875681

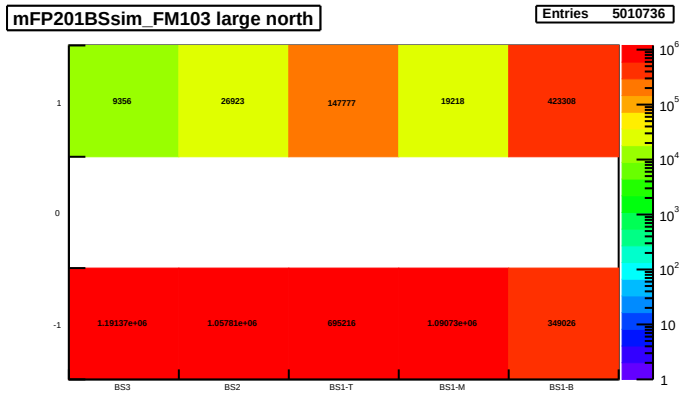

mFP201BS_FM101 small north
Entries 1.237794e+07
354031
429037
521299
240077
544118
2.12156e+06
2.04655e+06
1.95429e+06
2.23551e+06
1.93147e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

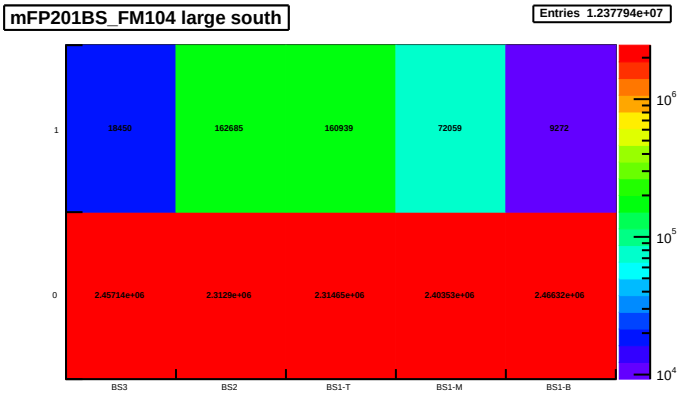

mFP201BSsim_FM101 small north
Entries 4695310
19370
25132
177083
13286
162709
1.11951e+06
1.07315e+06
415939
1.17257e+06
516558
BS3
BS2
BS1-T
BS1-M
BS1-B

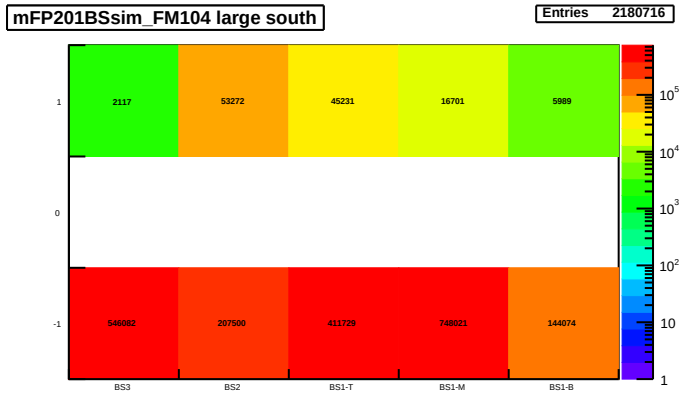

mFP201BS_FM102 small south
Entries 1.237794e+07
553094
645664
854872
660895
416011
1.92249e+06
1.82992e+06
1.62072e+06
1.81469e+06
2.05958e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

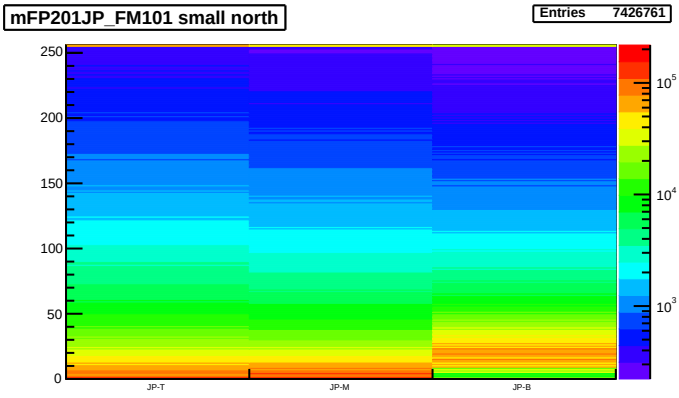

mFP201BSsim_FM102 small south
Entries 4111127
79751
94006
282759
75990
103435
827797
788089
383777
848746
626777
BS3
BS2
BS1-T
BS1-M
BS1-B

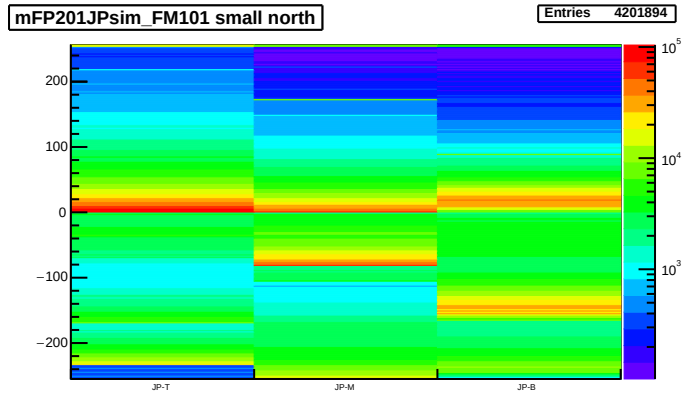

mFP201BS_FM103 large north
Entries 1.237794e+07
368180
779544
367222
675594
728658
2.10741e+06
1.69604e+06
2.10836e+06
1.79999e+06
1.74693e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

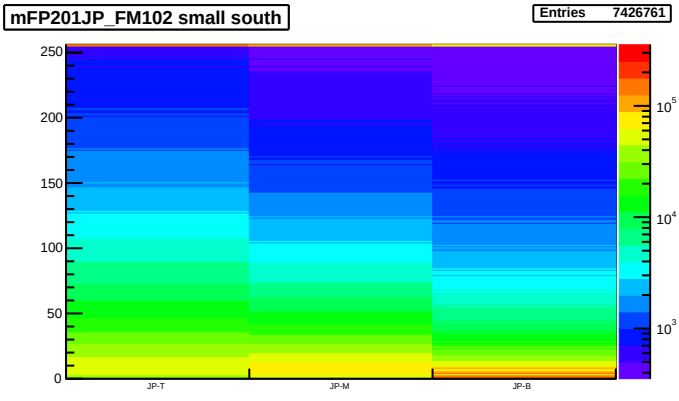

mFP201BSsim_FM103 large north
Entries 5010736
9356
26923
147777
19218
423308
1.19137e+06
1.05781e+06
695216
1.09073e+06
349026
BS3
BS2
BS1-T
BS1-M
BS1-B

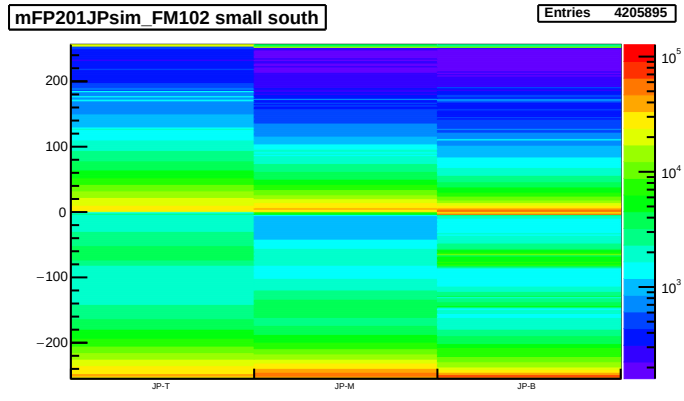

mFP201BS_FM104 large south
Entries 1.237794e+07
18450
162685
160939
72059
9272
2.45714e+06
2.3129e+06
2.31465e+06
2.40353e+06
2.46632e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

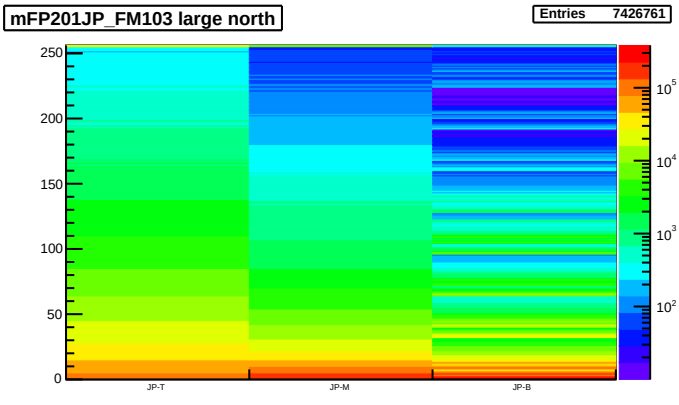

mFP201BSsim_FM104 large south
Entries 2180716
2117
53272
45231
16701
5989
546082
207500
411729
748021
144074
BS3
BS2
BS1-T
BS1-M
BS1-B

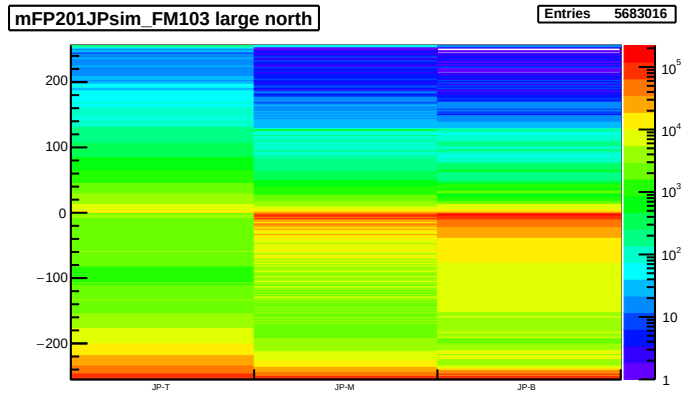

mFP201JP_FM101 small north
Entries 7426761
JP-T
JP-M
JP-B

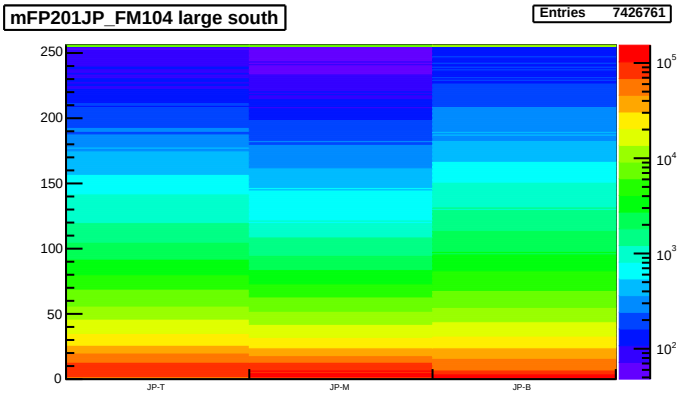

mFP201JPsim_FM101 small north
Entries 4201894
JP-T
JP-M
JP-B

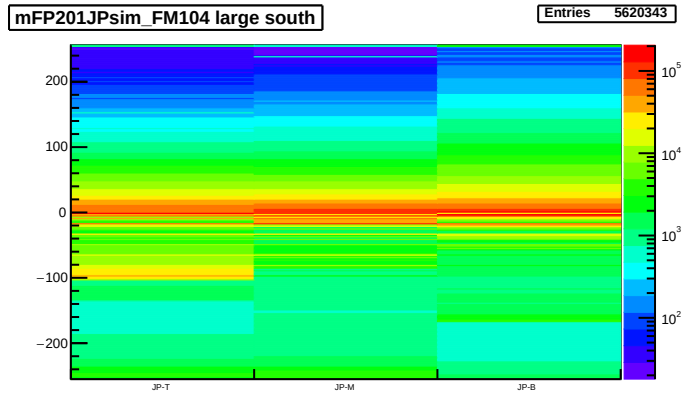

mFP201JP_FM102 small south
Entries 7426761
JP-T
JP-M
JP-B

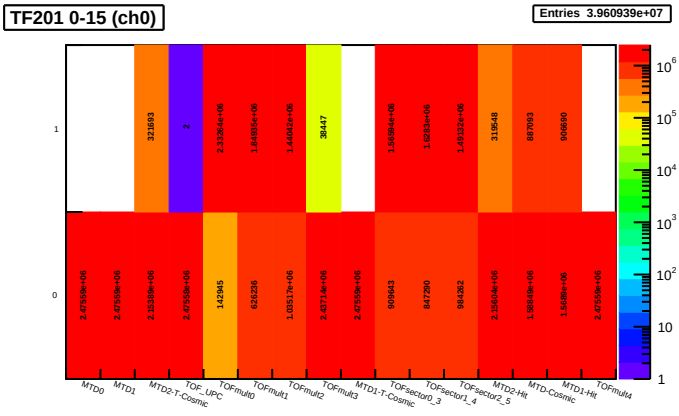

mFP201JPsim_FM102 small south
Entries 4205895
JP-T
JP-M
JP-B

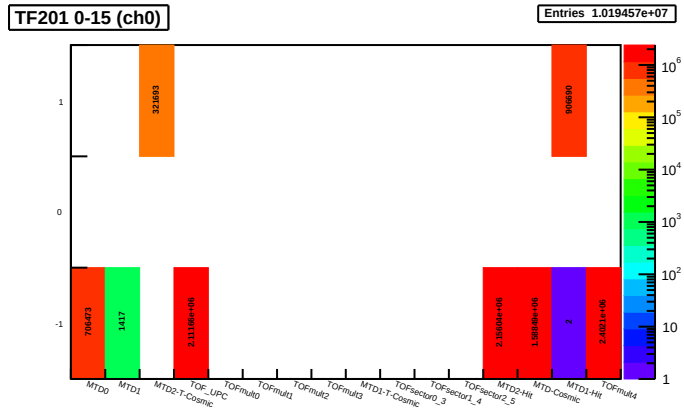

mFP201JP_FM103 large north
Entries 7426761
JP-T
JP-M
JP-B

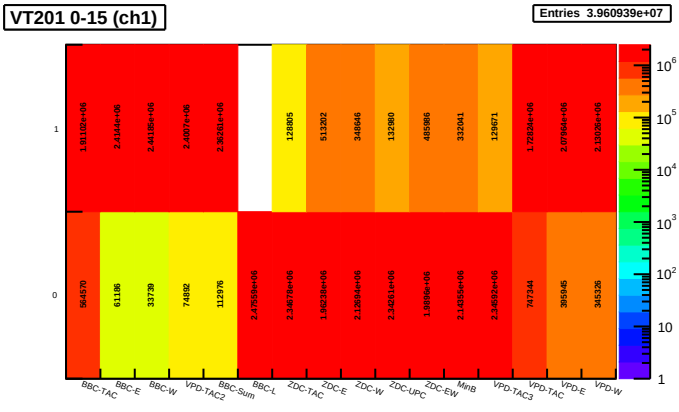

mFP201JPsim_FM103 large north
Entries 5683016
JP-T
JP-M
JP-B

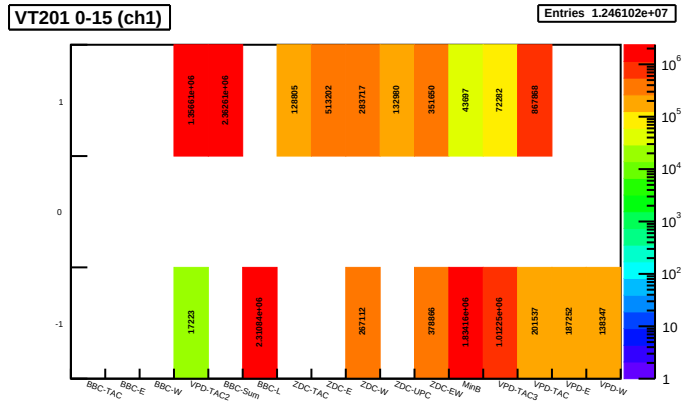

mFP201JP_FM104 large south
Entries 7426761
JP-T
JP-M
JP-B

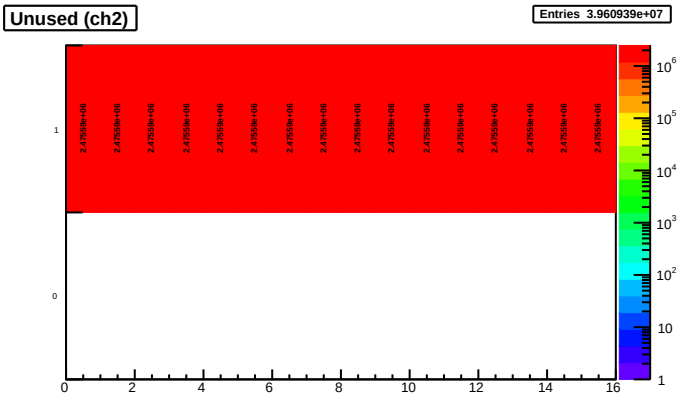

mFP201JPsim_FM104 large south
Entries 5620343
JP-T
JP-M
JP-B

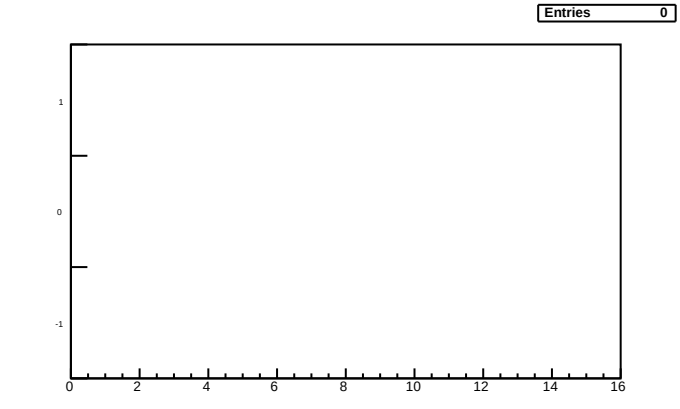

TF201 0-15 (ch0)
Entries 3.960939e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

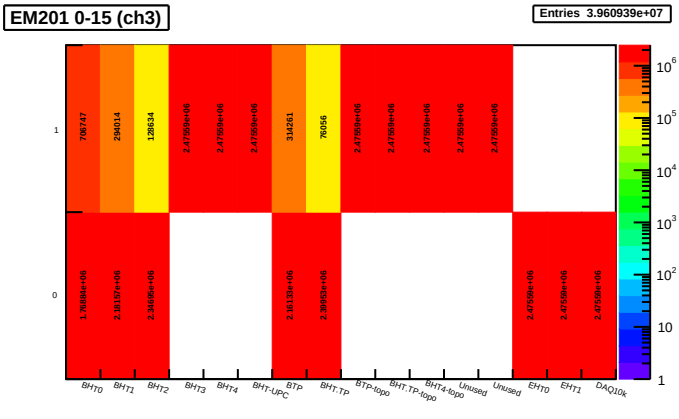

TF201 0-15 (ch0)
Entries 1.019457e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

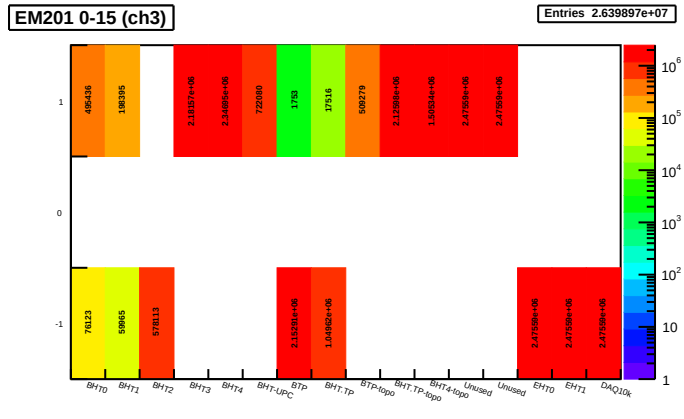

VT201 0-15 (ch1)
Entries 3.960939e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

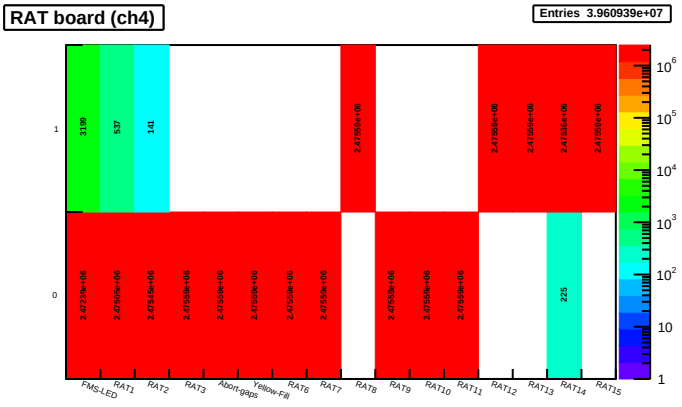

VT201 0-15 (ch1)
Entries 1.246102e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

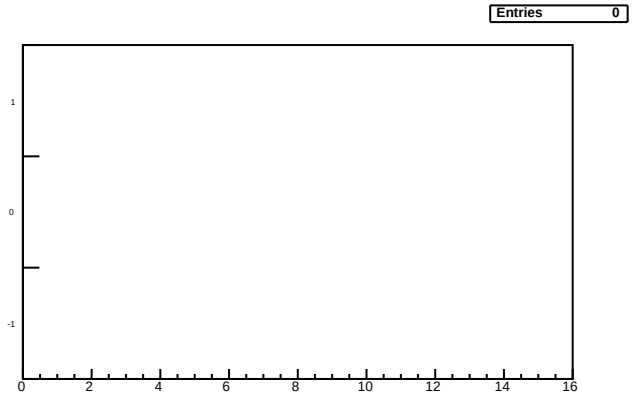

Unused (ch2)
Entries 3.960939e+07

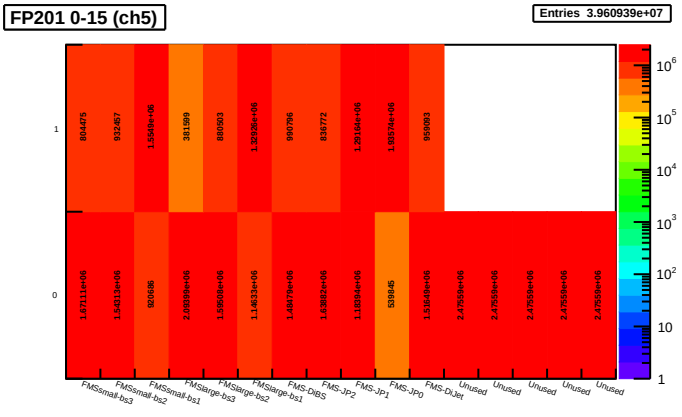

Entries 0

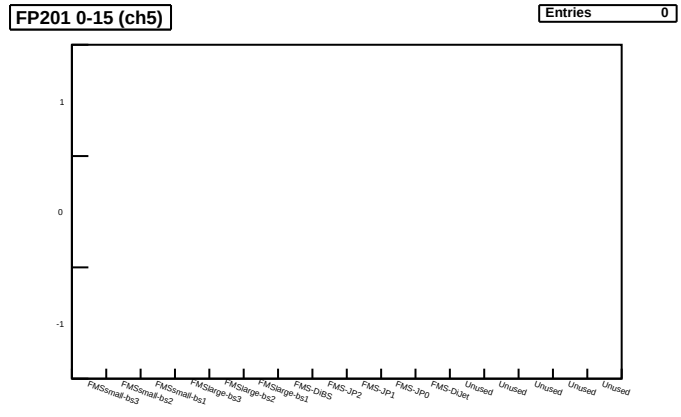

EM201 0-15 (ch3)
Entries 3.960939e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT.TP
BTP-topo
BHT.TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

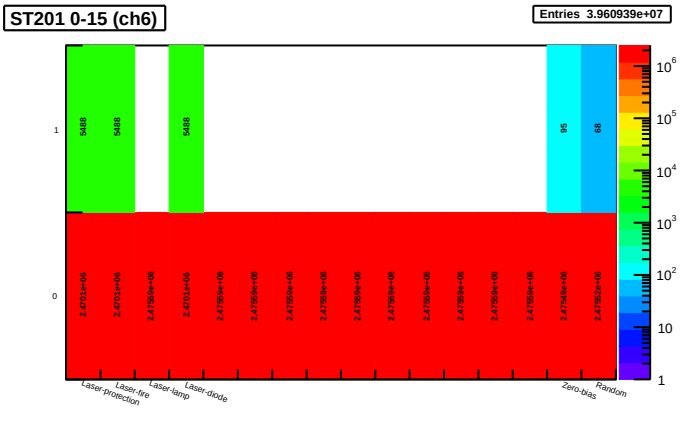

EM201 0-15 (ch3)
Entries 2.639897e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT.TP
BTP-topo
BHT.TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

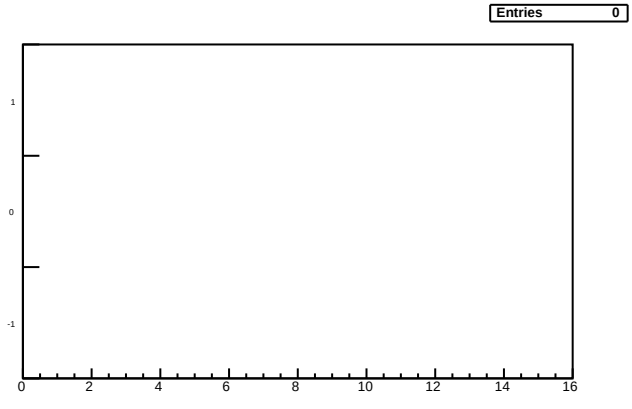

RAT board (ch4)
Entries 3.960939e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

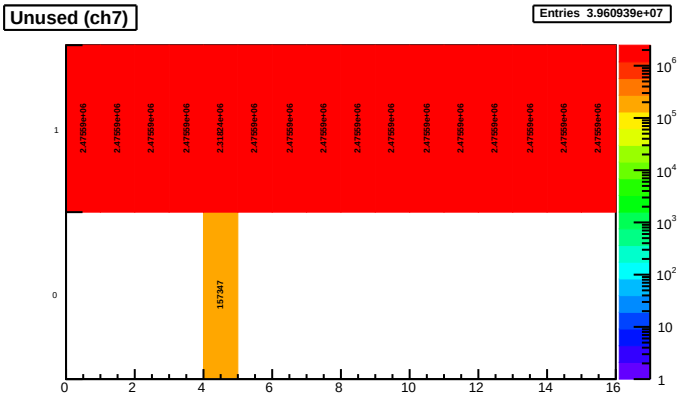

Entries 0

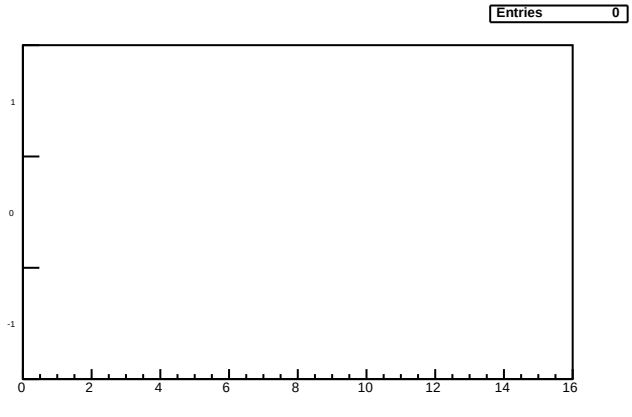

FP201 0-15 (ch5)
Entries 3.960939e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 3.960939e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bas
Random


Entries 0


Unused (ch7)
Entries 3.960939e+07


Entries 0