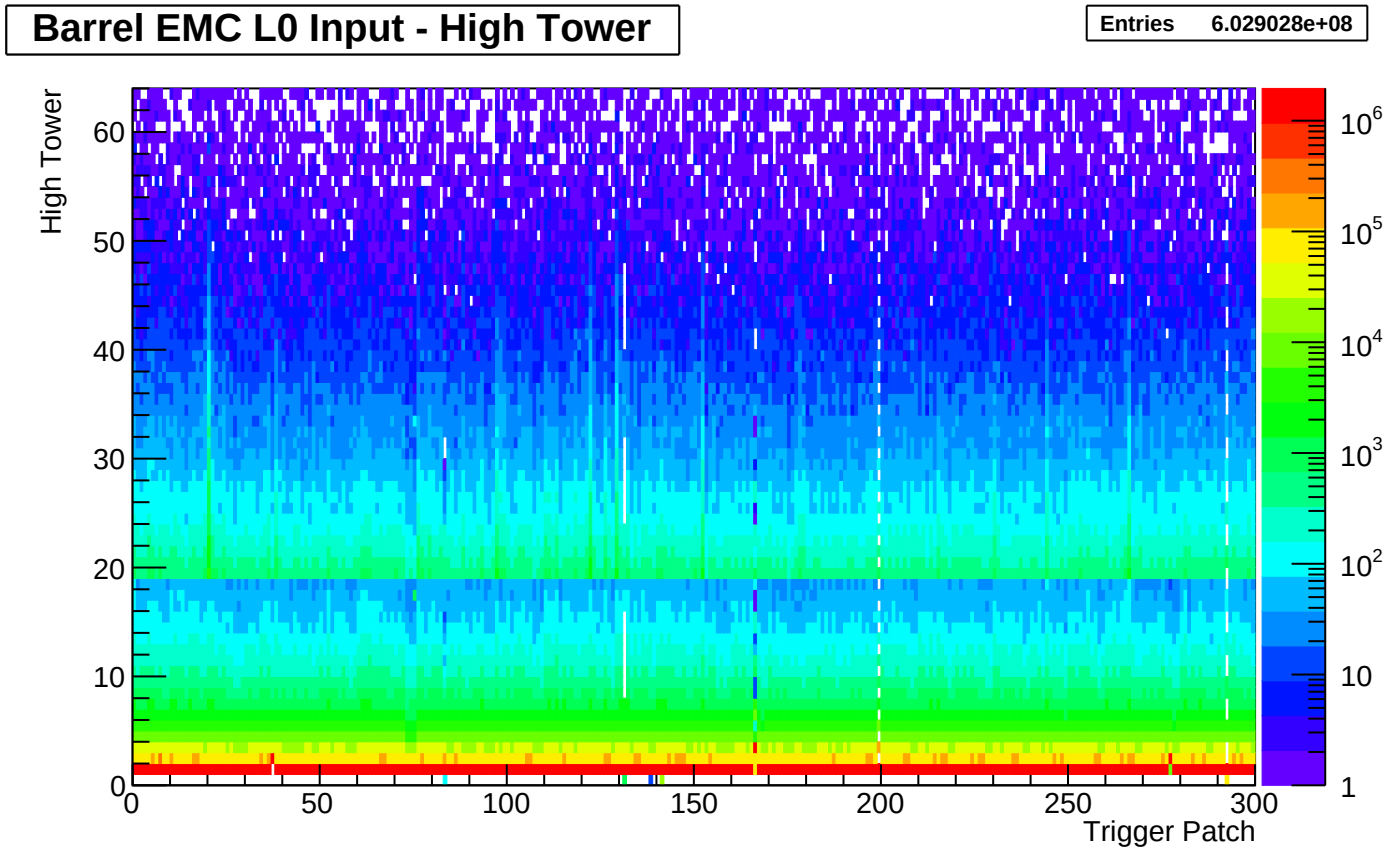
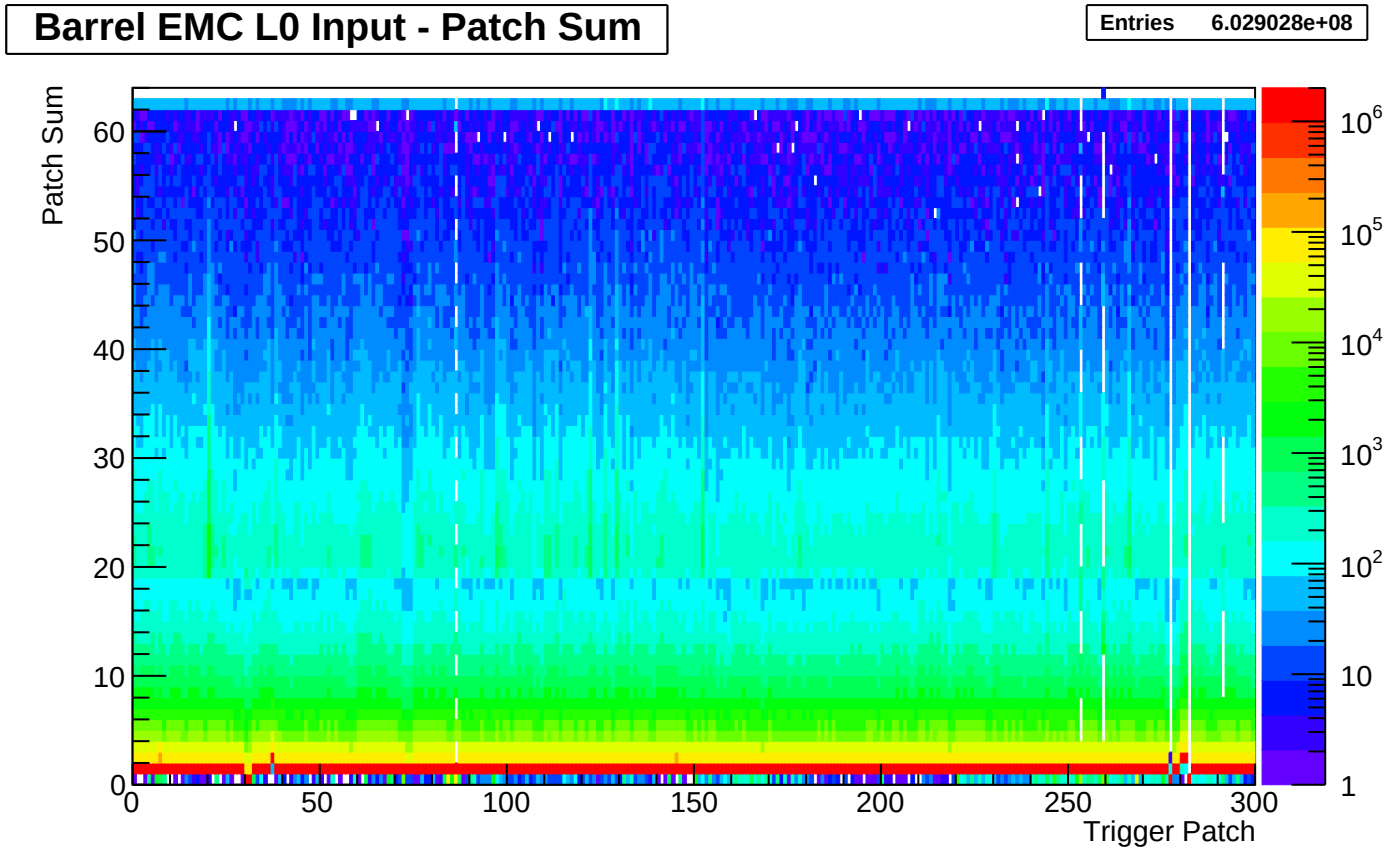
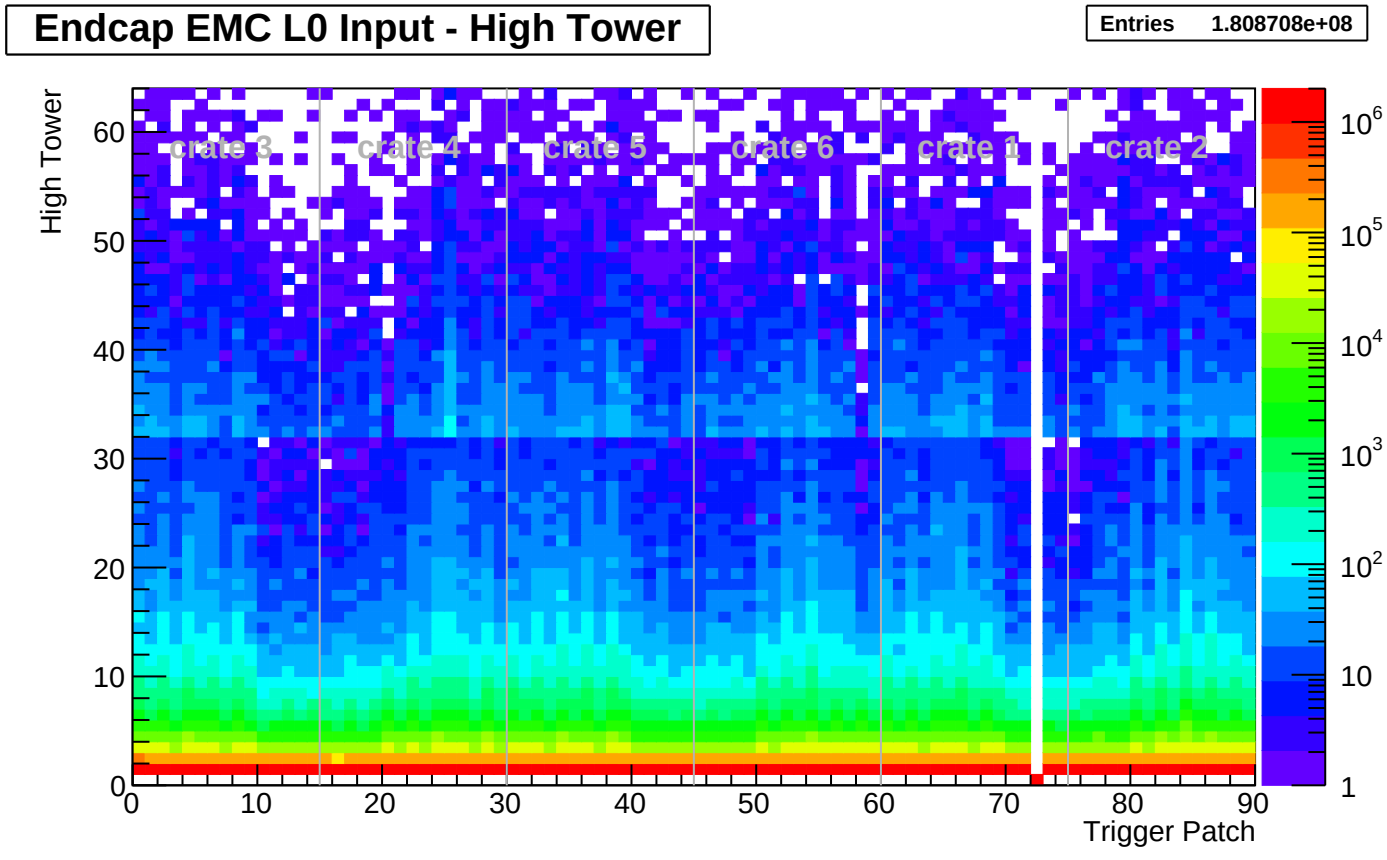
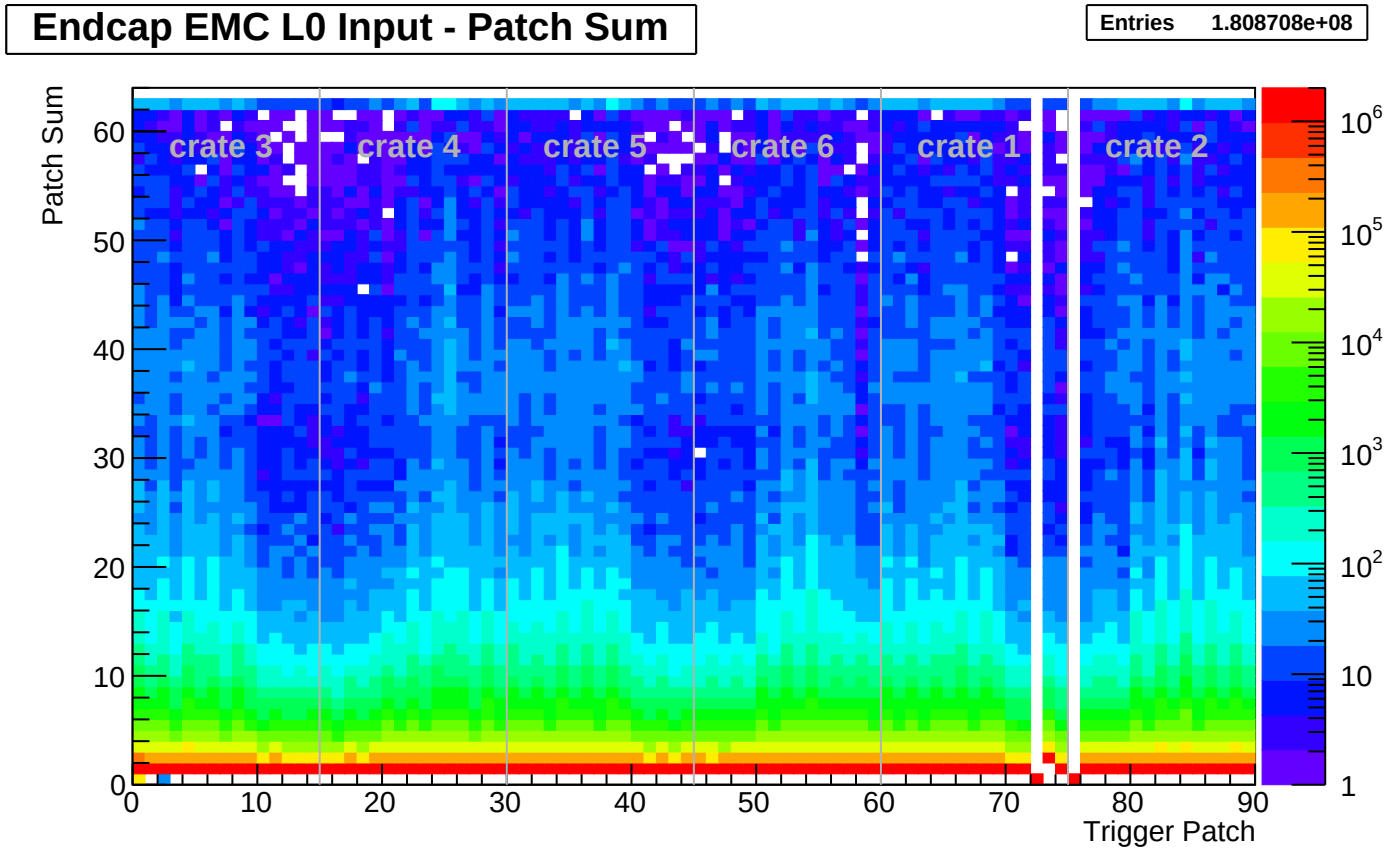
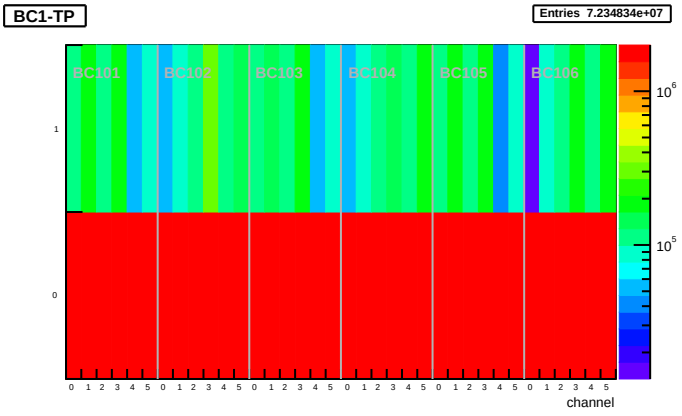
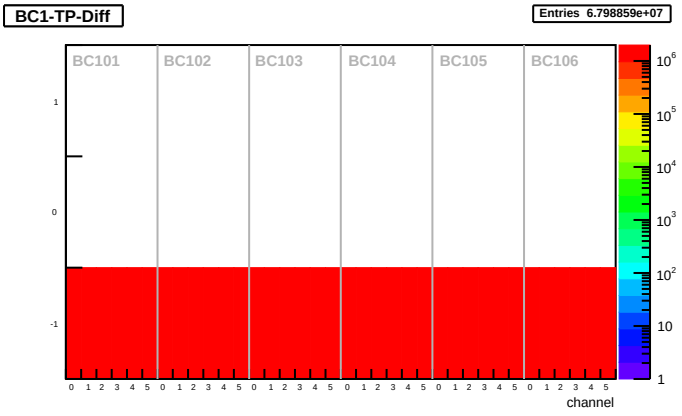

Barrel EMC L0 Input - High Tower
Entries 6.029028e+08
High Tower
Trigger Patch

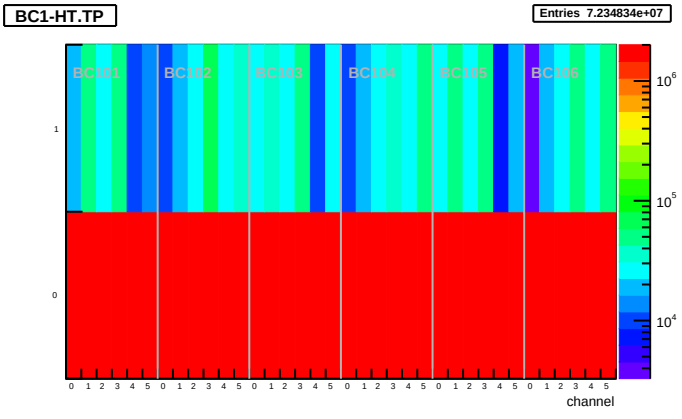

Barrel EMC L0 Input - Patch Sum
Entries 6.029028e+08
Patch Sum
Trigger Patch

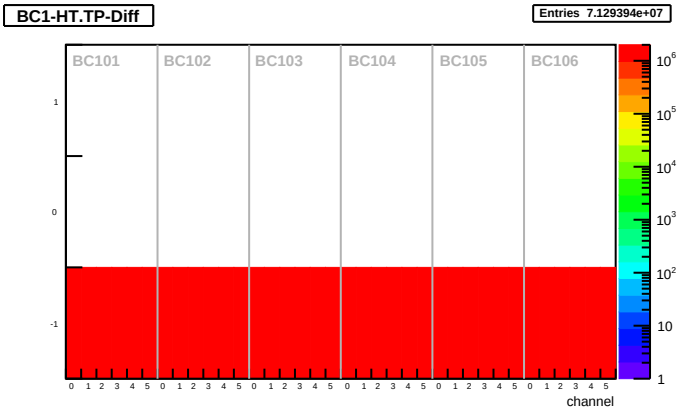

Endcap EMC L0 Input - High Tower
Entries 1.808708e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

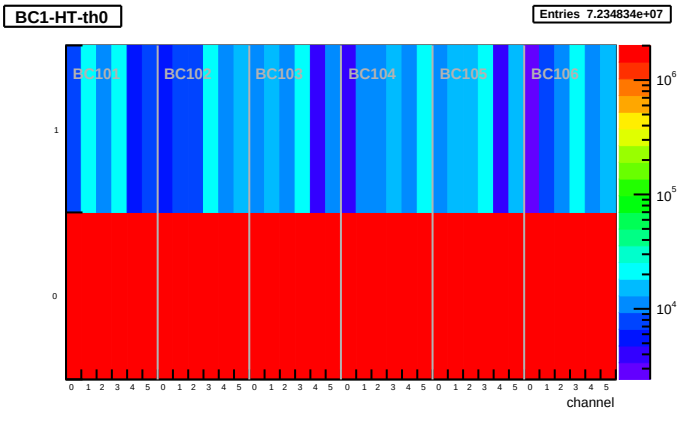

Endcap EMC L0 Input - Patch Sum
Entries 1.808708e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

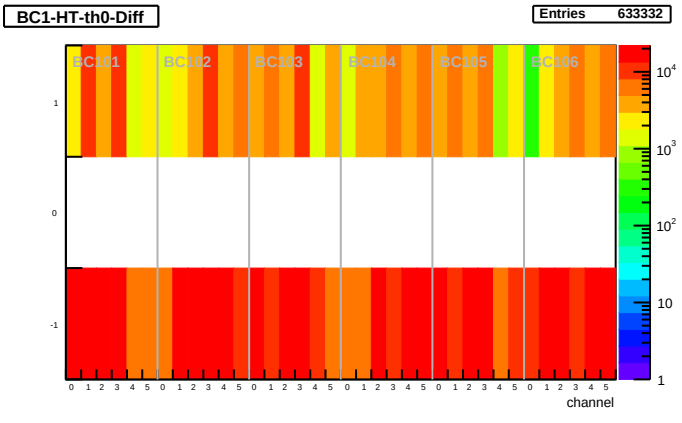

BC1-TP
Entries 7.234834e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

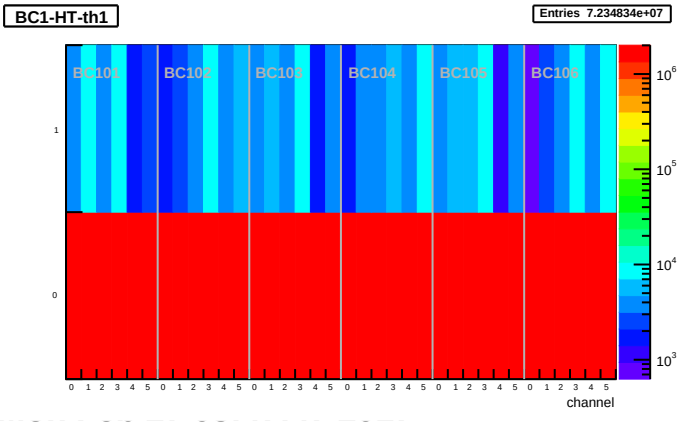

BC1-TP-Diff
Entries 6.798859e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

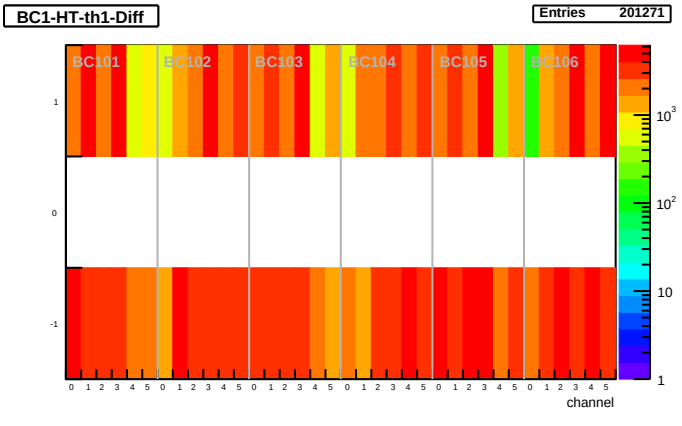

BC1-HT.TP
Entries 7.234834e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

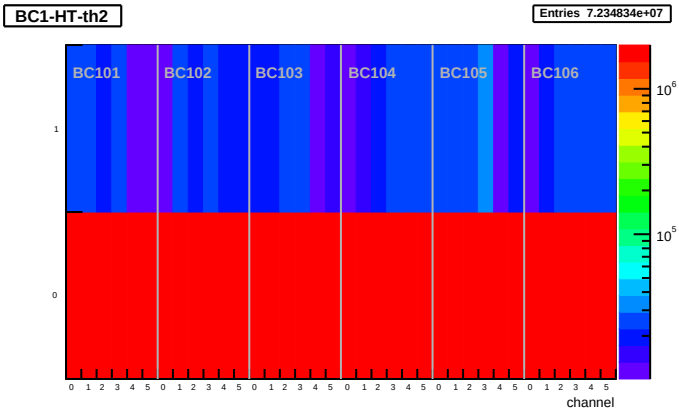

BC1-HT.TP-Diff
Entries 7.129394e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

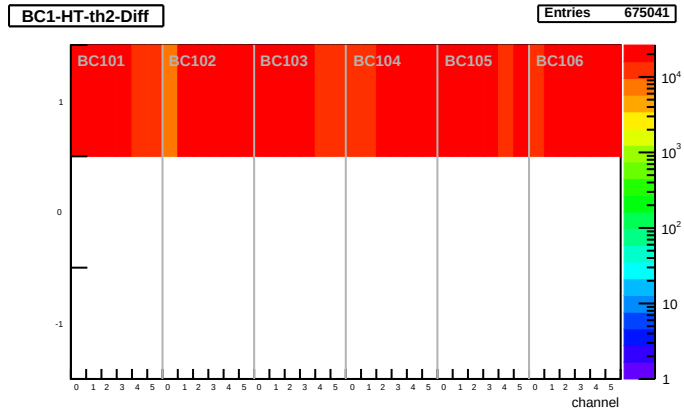

BC1-HT-th0
Entries 7.234834e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

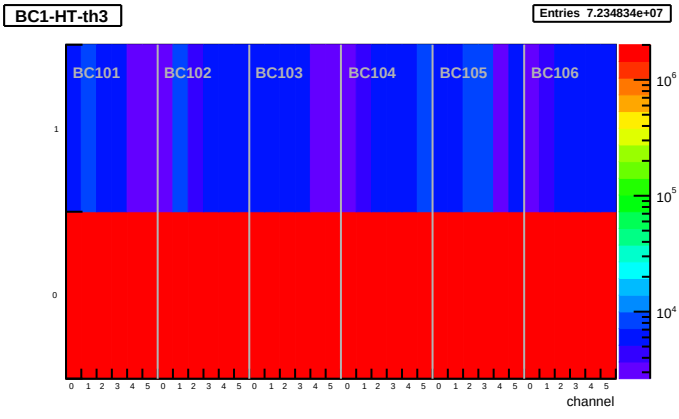

BC1-HT-th0-Diff
Entries 633332
BC101
BC102
BC103
BC104
BC105
BC106
channel

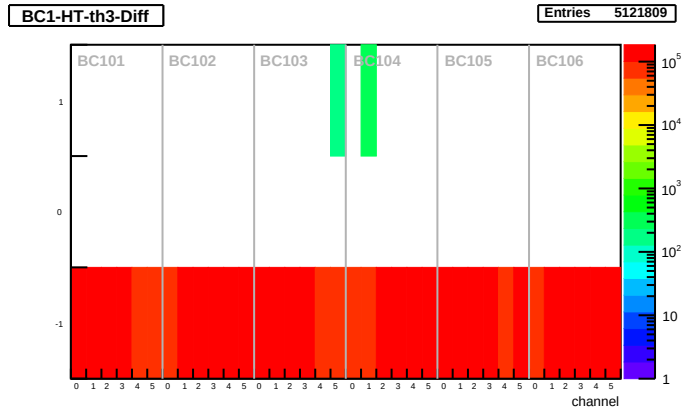

BC1-HT-th1
Entries 7.234834e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

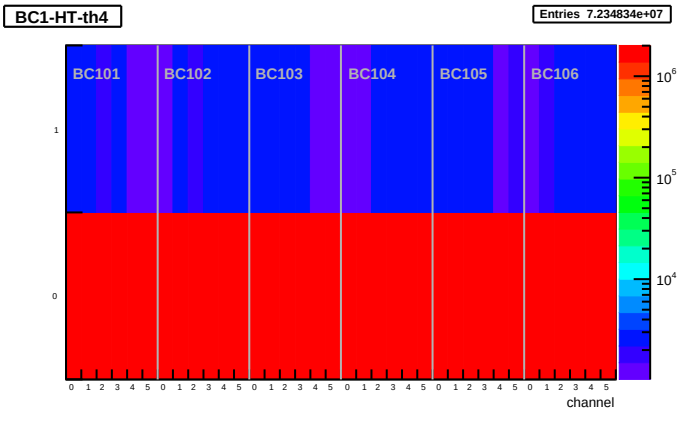

BC1-HT-th1-Diff
Entries 201271
BC101
BC102
BC103
BC104
BC105
BC106
channel

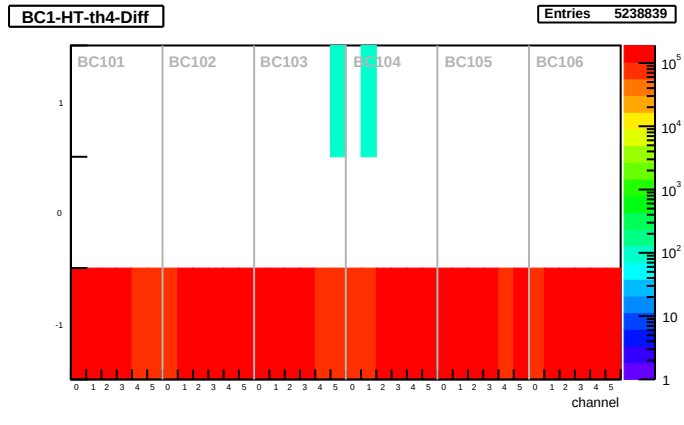

BC1-HT-th2
Entries 7.234834e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

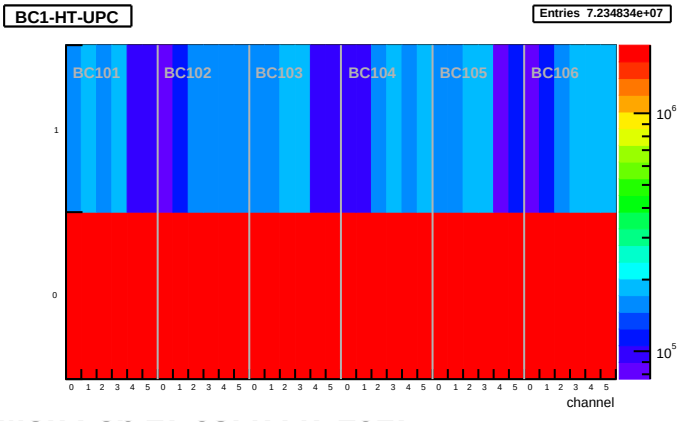

BC1-HT-th2-Diff
Entries 675041
BC101
BC102
BC103
BC104
BC105
BC106
channel

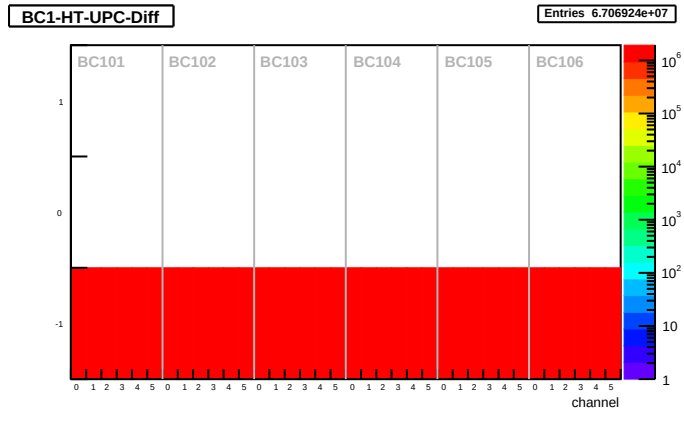

BC1-HT-th3
Entries 7.234834e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

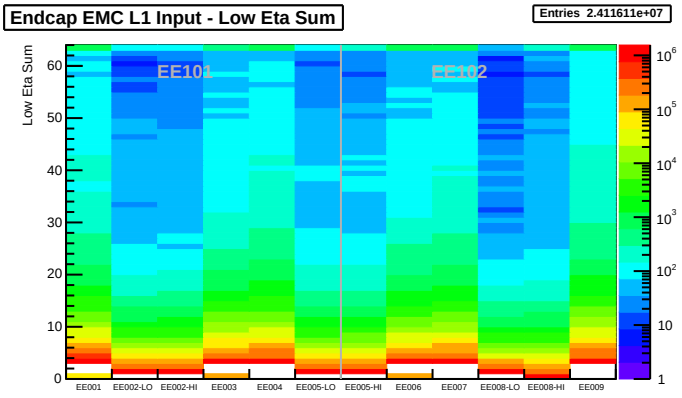

BC1-HT-th3-Diff
Entries 5121809
BC101
BC102
BC103
BC104
BC105
BC106
channel

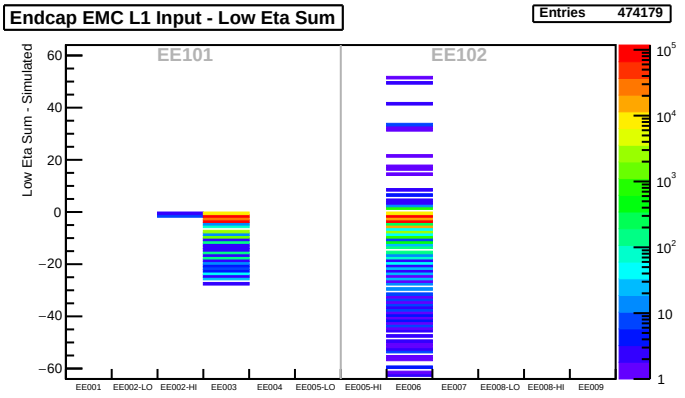

BC1-HT-th4
Entries 7.234834e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

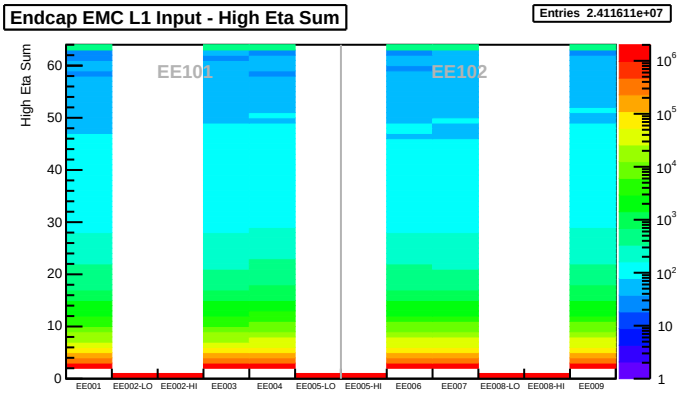

BC1-HT-th4-Diff
Entries 5238839
BC101
BC102
BC103
BC104
BC105
BC106
channel

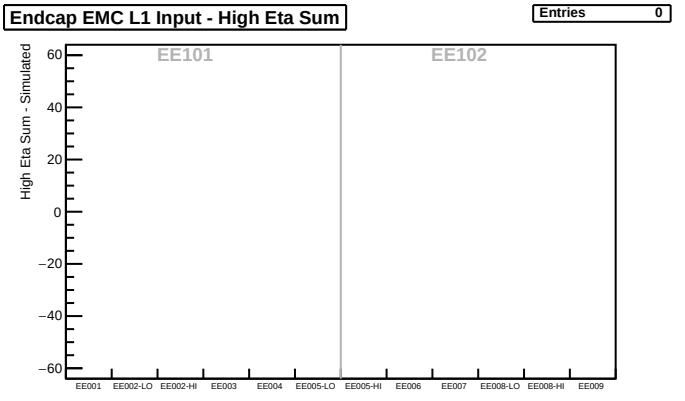

BC1-HT-UPC
Entries 7.234834e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

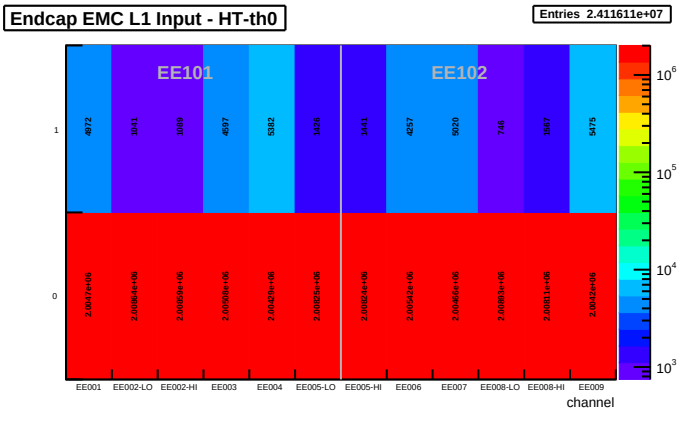

BC1-HT-UPC-Diff
Entries 6.706924e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

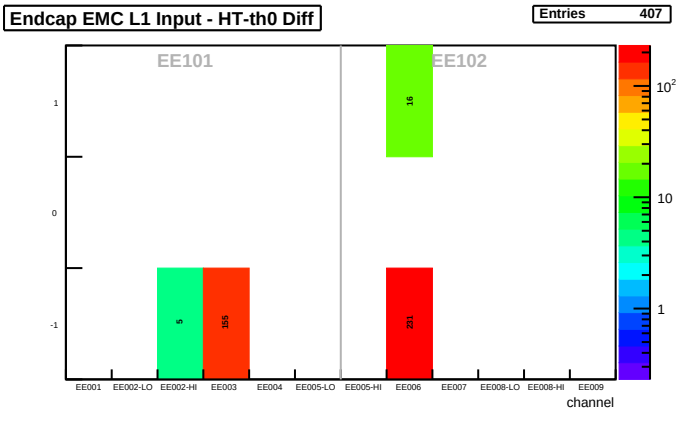

Endcap EMC L1 Input - Low Eta Sum
Entries 2.411611e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

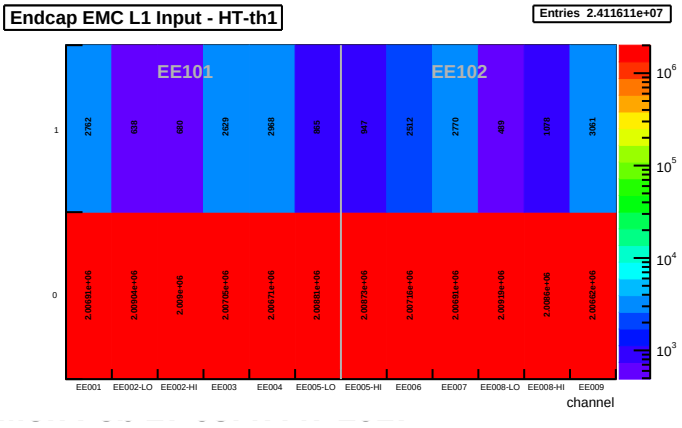

Endcap EMC L1 Input - Low Eta Sum
Entries 474179
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

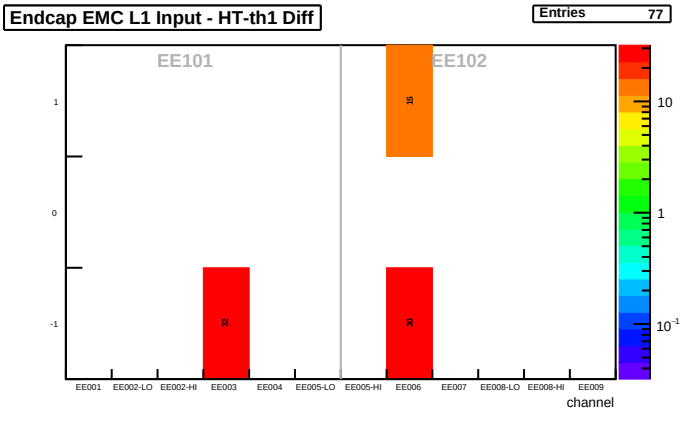

Endcap EMC L1 Input - High Eta Sum
Entries 2.411611e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

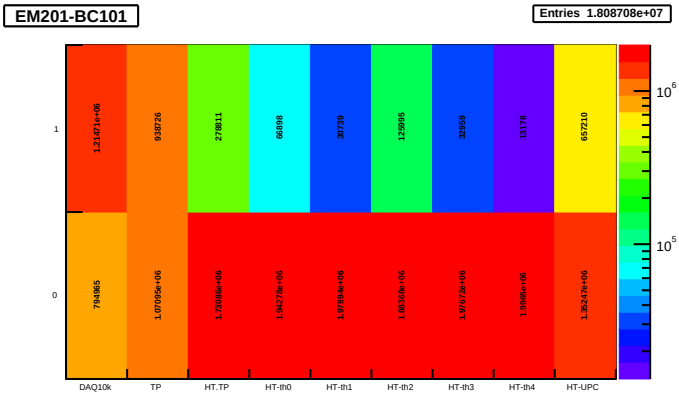

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

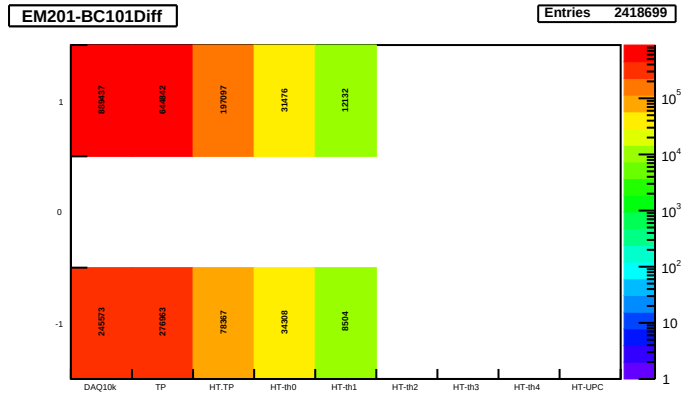

Endcap EMC L1 Input - HT-th0
Entries 2.411611e+07
EE101
EE102
4972 1041 1039 4597 5382 1426 1441 4257 5020 746 1557 5475
2.0047e+06 2.00854e+06 2.00859e+06 2.00908e+06 2.00429e+06 2.00925e+06 2.00924e+06 2.00942e+06 2.00456e+06 2.00823e+06 2.00811e+06 2.0042e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

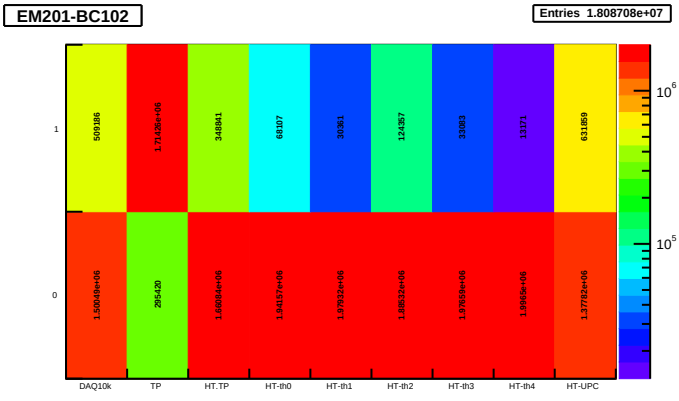

Endcap EMC L1 Input - HT-th0 Diff
Entries 407
EE101
EE102
16
5
155
231
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

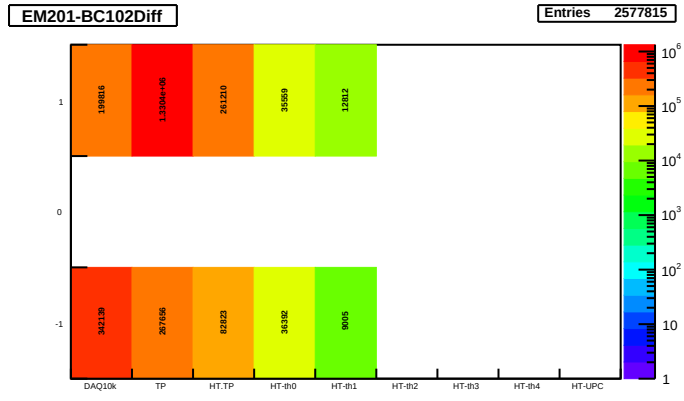

Endcap EMC L1 Input - HT-th1
Entries 2.411611e+07
EE101
EE102
2762 638 680 2629 2868 855 947 2832 2770 489 1078 3061
2.00581e+06 2.00904e+06 2.009e+06 2.00709e+06 2.00671e+06 2.00881e+06 2.00873e+06 2.00786e+06 2.00591e+06 2.00919e+06 2.0086e+06 2.00582e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

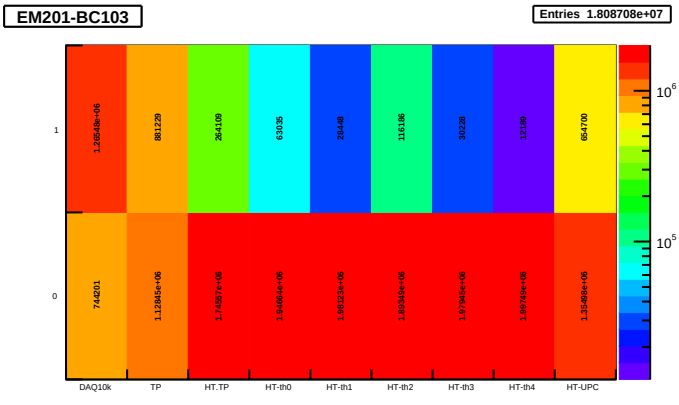

Endcap EMC L1 Input - HT-th1 Diff
Entries 77
EE101
EE102
15
32
30
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

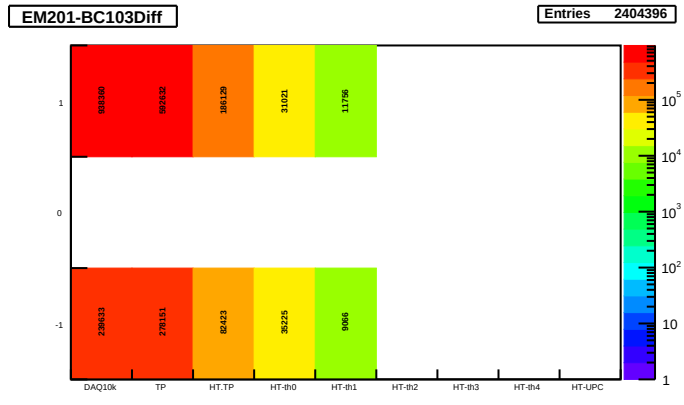

EM201-BC101
Entries 1.808708e+07
1.21471e+06
938726
278611
66898
30739
129995
32959
13178
657210
794965
1.07095e+06
1.72036e+06
1.94278e+06
1.97894e+06
1.83369e+06
1.97672e+06
1.9966e+06
1.38247e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

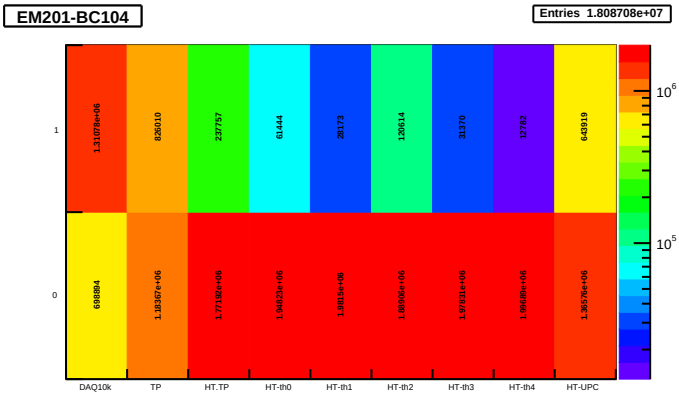

EM201-BC101Diff
Entries 2418699
819437
644842
197997
31476
12132
245573
276863
78367
34308
8504
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

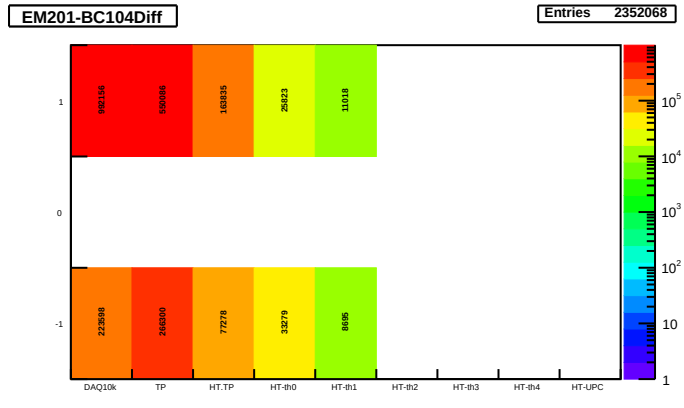

EM201-BC102
Entries 1.808708e+07
509186
1.71426e+06
348941
68107
30361
124357
33083
13171
631859
1.50349e+06
295420
1.68984e+06
1.94157e+06
1.97932e+06
1.88532e+06
1.97559e+06
1.9956e+06
1.37782e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 2577815
199816
1.3304e+06
261210
35959
12812
342139
267656
82823
36392
9005
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

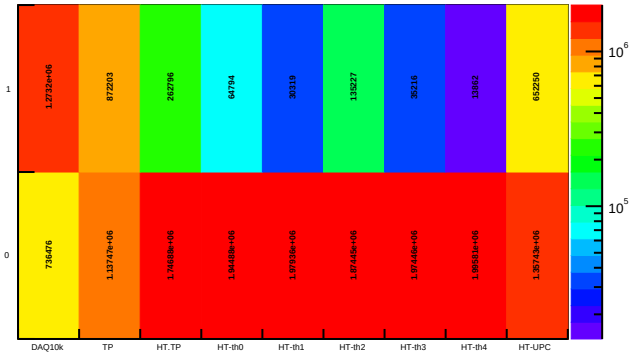

EM201-BC103
Entries 1.808708e+07
1.265438e+06
881229
264109
63035
28348
116186
30228
12189
654700
744201
1.12845e+06
1.74937e+06
1.94684e+06
1.98122e+06
1.89369e+06
1.97945e+06
1.99769e+06
1.35408e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 2404396
938360
892632
186129
31021
11756
239633
275151
82423
35225
9066
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

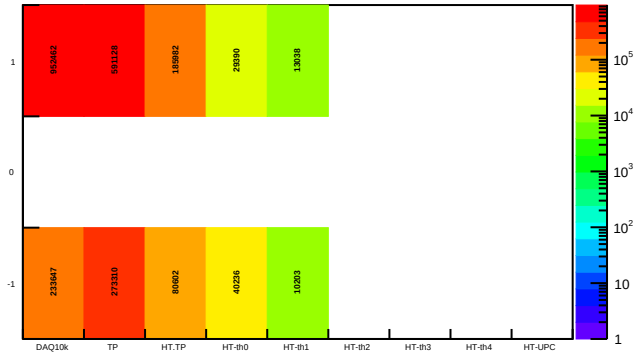

EM201-BC104
Entries 1.808708e+07
1.31078e+06
826010
237757
61444
28173
120614
31370
12752
643919
698884
1.18367e+06
1.77192e+06
1.94223e+06
1.9815e+06
1.88906e+06
1.97831e+06
1.99689e+06
1.36578e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 2352068
992156
550086
163835
25823
11018
229598
256300
77278
33279
8695
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

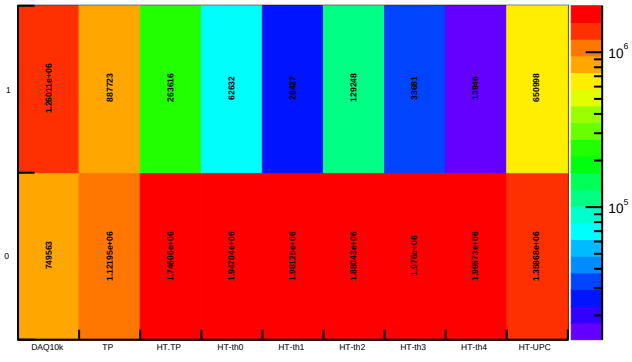
EM201-BC105 Entries 1.808708e+07



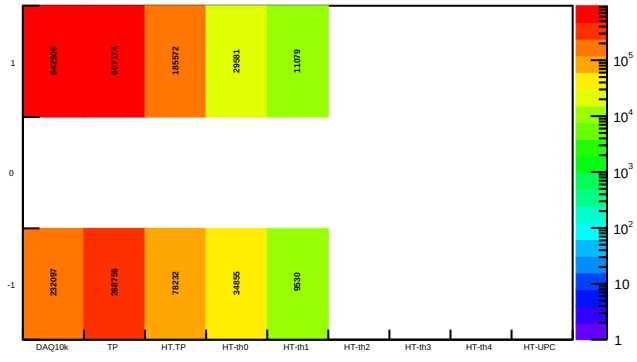
EM201-BC105Diff Entries 2409998



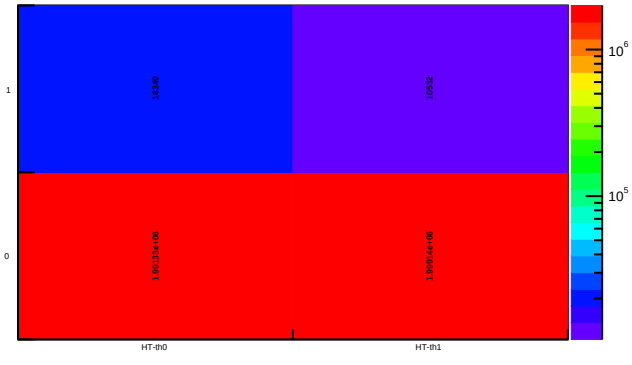
EM201-BC106 Entries 1.808708e+07



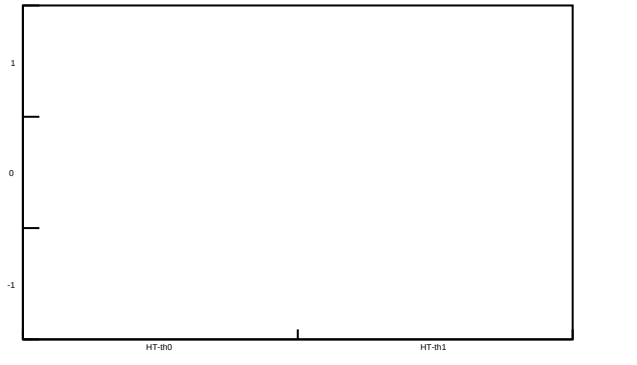
EM201-BC106Diff Entries 2399781



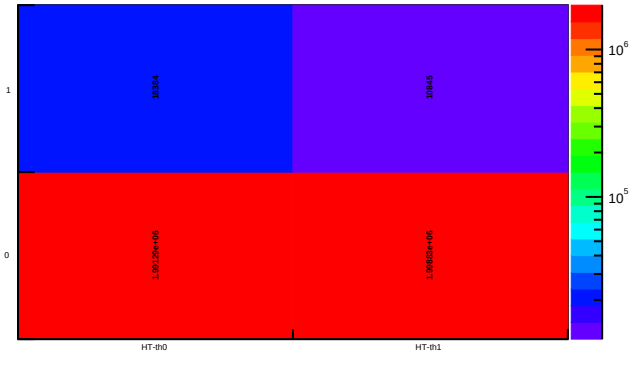
EM201-EE101 Entries 4019352



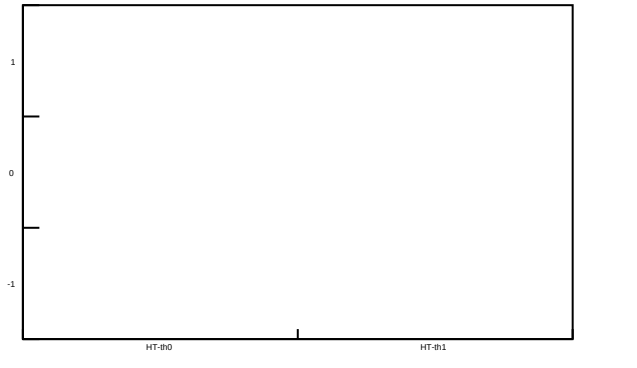
EM201-EE101Diff Entries 0

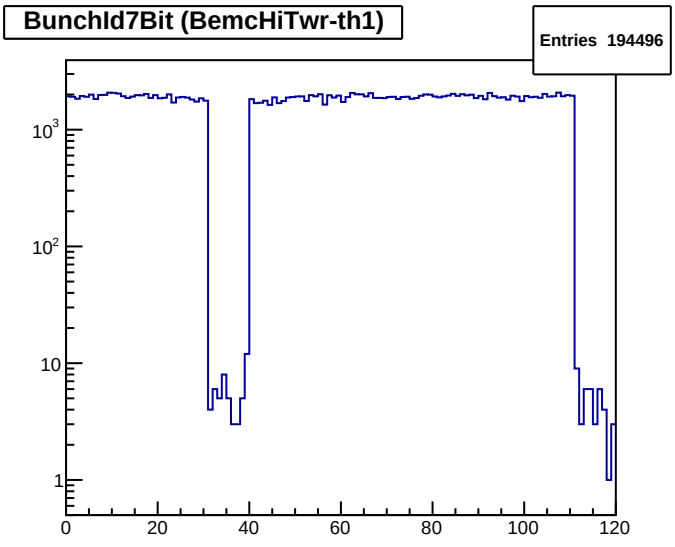


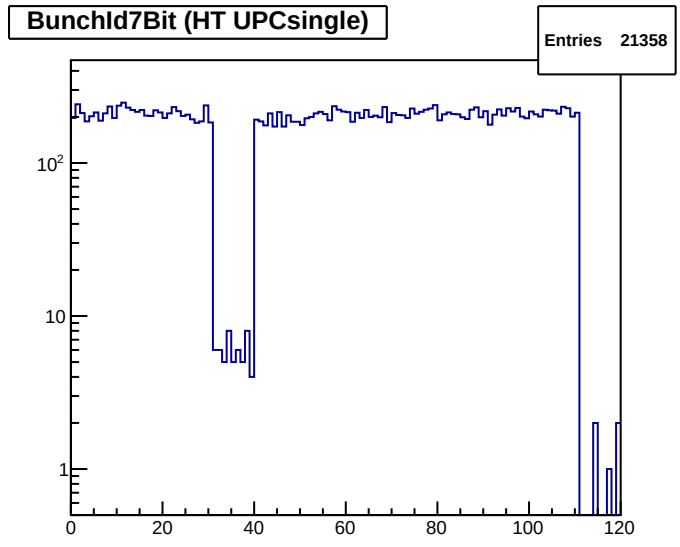
EM201-EE102 Entries 4019352

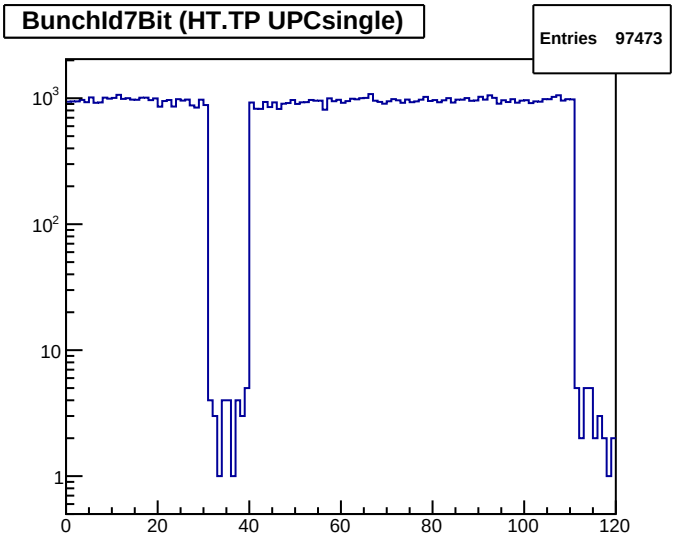


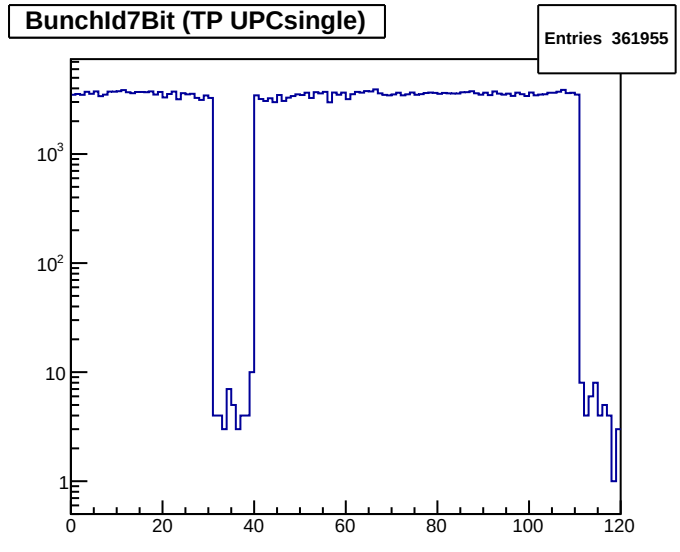
EM201-EE102Diff Entries 0

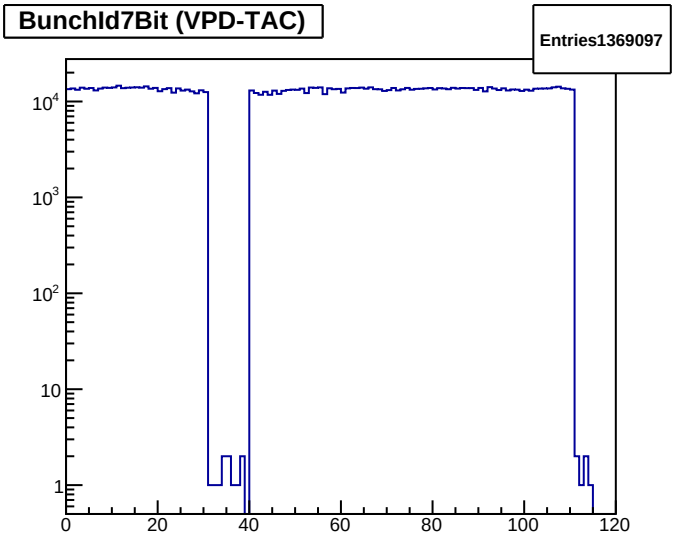


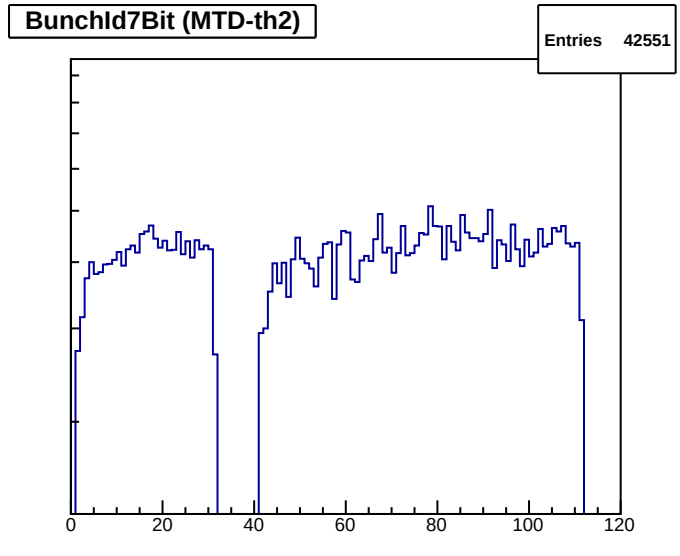

BunchId7Bit (BemcHiTwr-th1)
Entries 194496
10^3
10^2
10
1
0
20
40
60
80
100
120

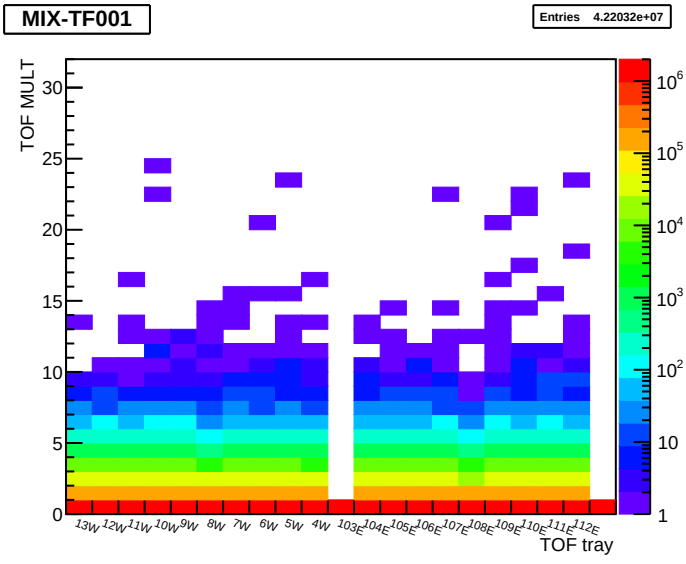

BunchId7Bit (HT UPCsingle)
Entries 21358
10^2
10
1
0
20
40
60
80
100
120

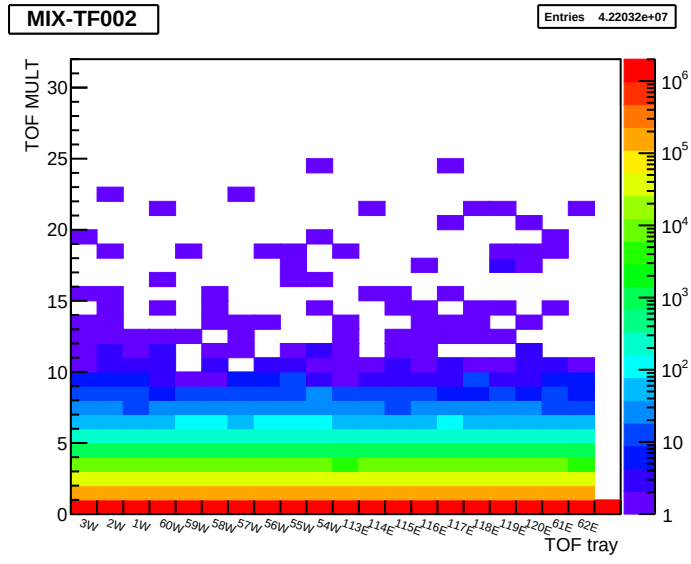

BunchId7Bit (HT.TP UPCsingle)
Entries 97473
10^3
10^2
10
1
0
20
40
60
80
100
120

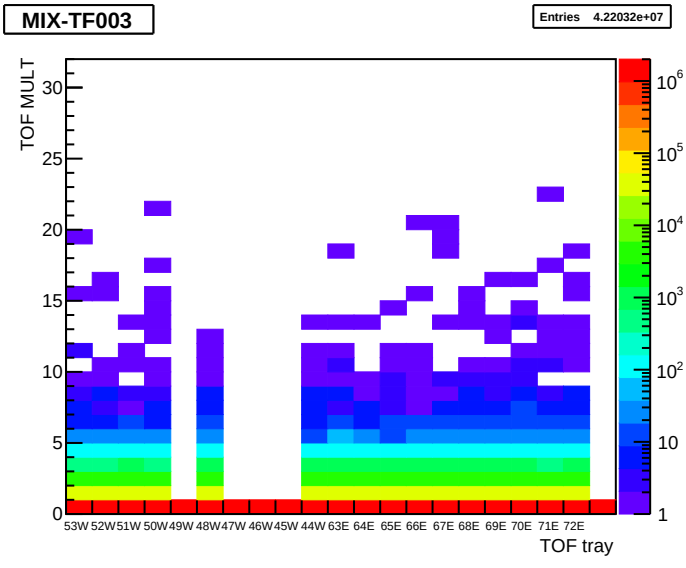

BunchId7Bit (TP UPCsingle)
Entries 361955
10^3
10^2
10
1
0
20
40
60
80
100
120

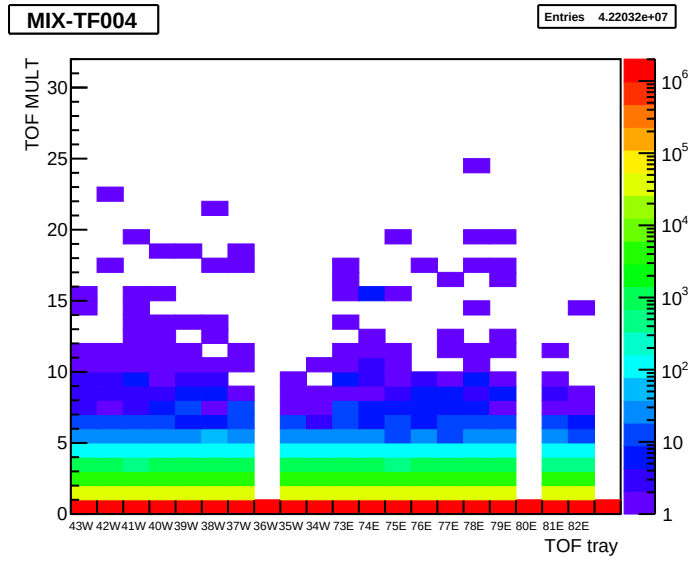

BunchId7Bit (VPD-TAC)
Entries1369097
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

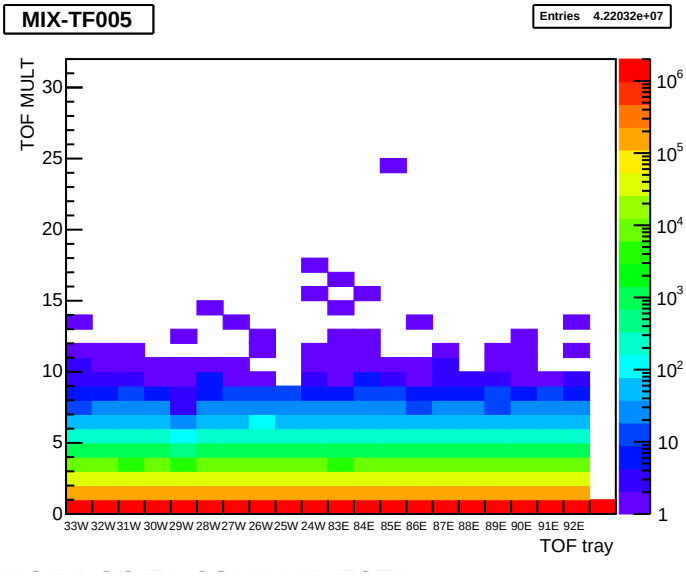

BunchId7Bit (MTD-th2)
Entries 42551
0
20
40
60
80
100
120

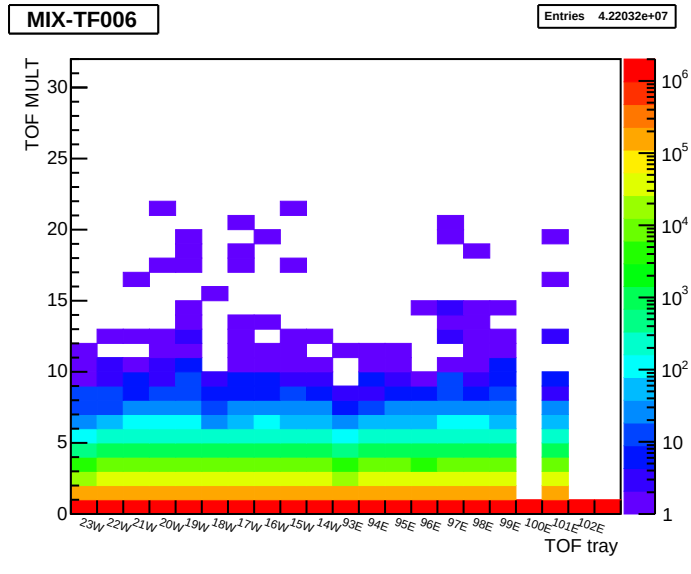

MIX-TF001
Entries 4.22032e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

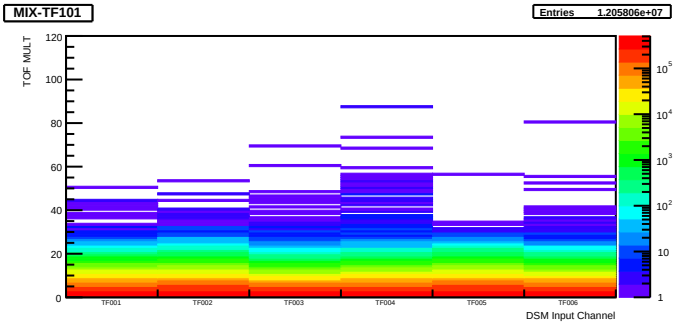

MIX-TF002
Entries 4.22032e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

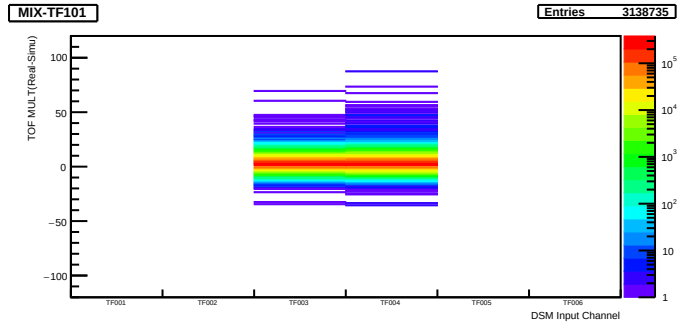

MIX-TF003
Entries 4.22032e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

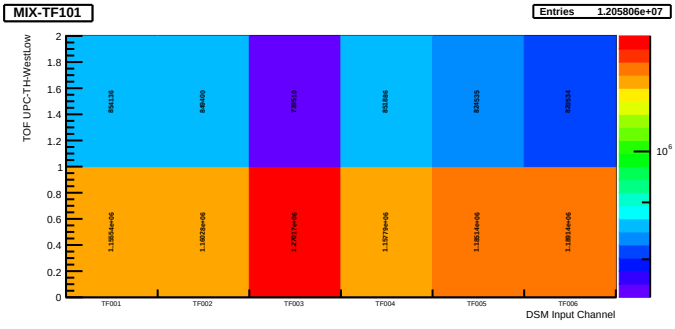

MIX-TF004
Entries 4.22032e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

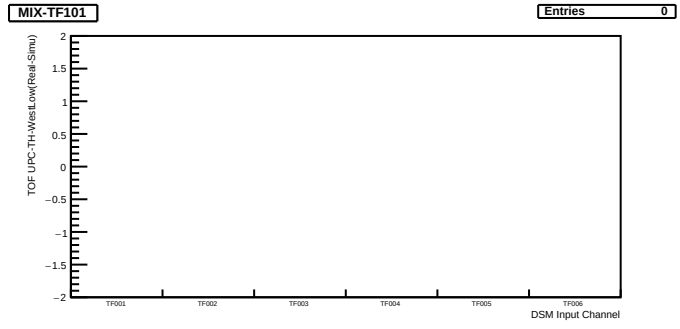

MIX-TF005
Entries 4.22032e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

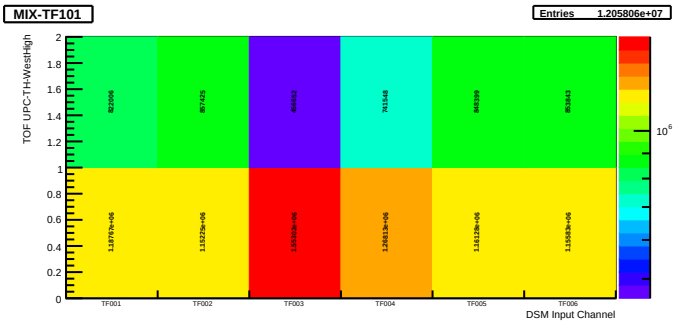

MIX-TF006
Entries 4.22032e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

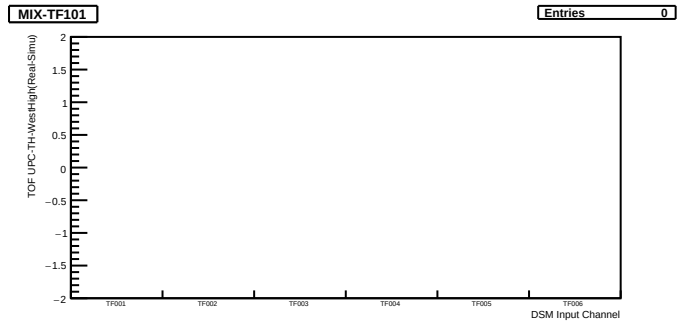

MIX-TF101
Entries 1.205806e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

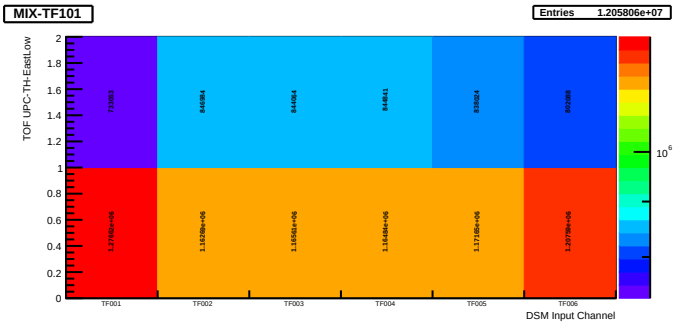

MIX-TF101
Entries 3138735
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

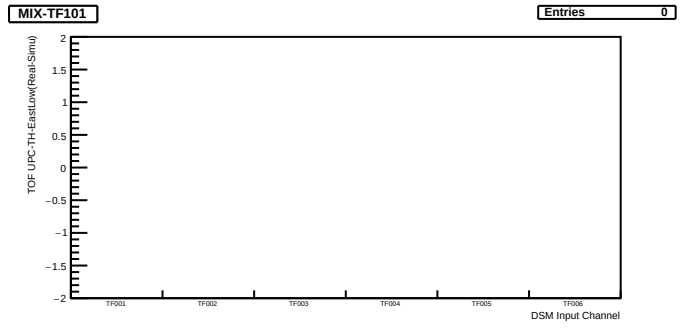

MIX-TF101
Entries 1.205806e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

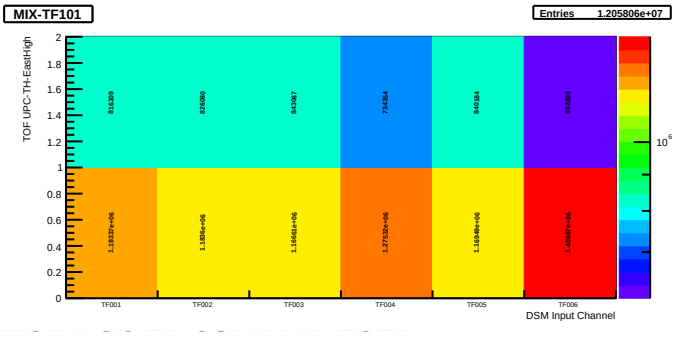

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

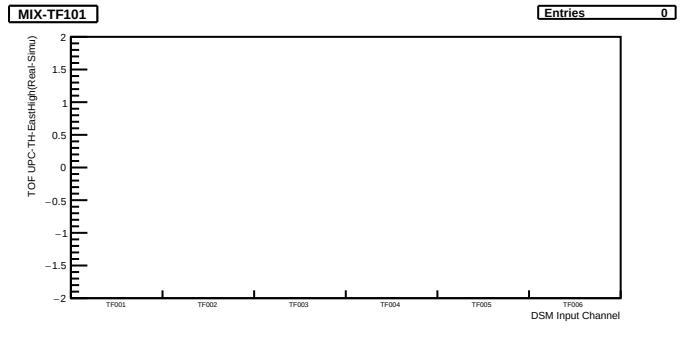

MIX-TF101
Entries 1.205806e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

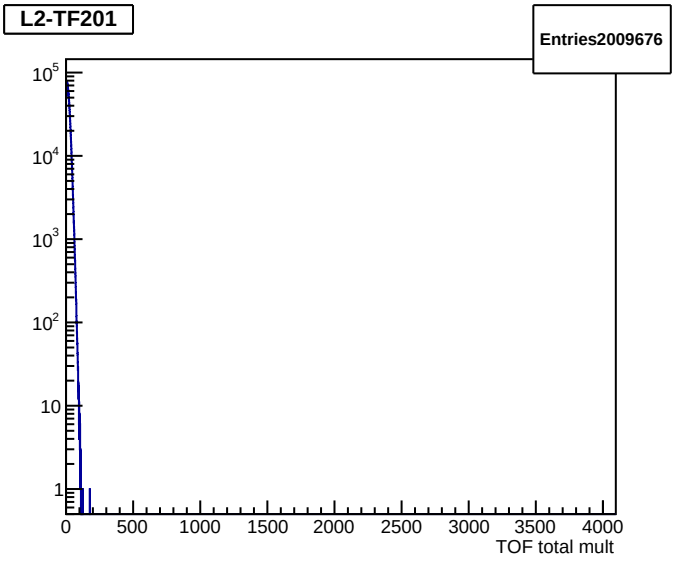

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

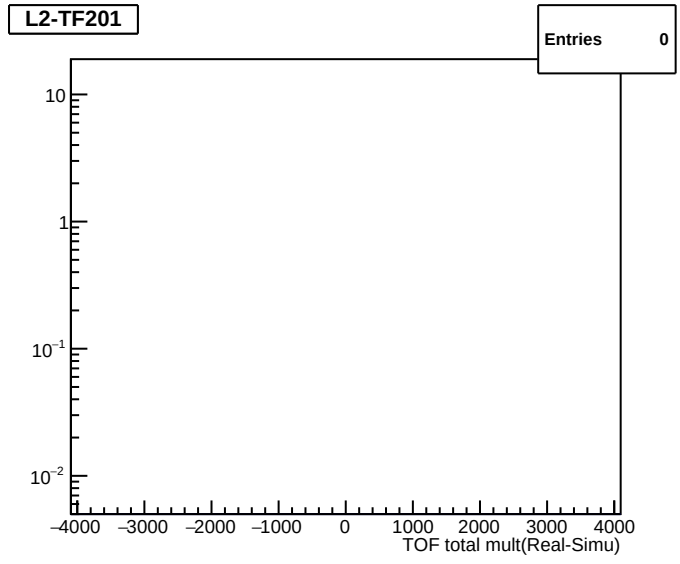

MIX-TF101
Entries 1.205806e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

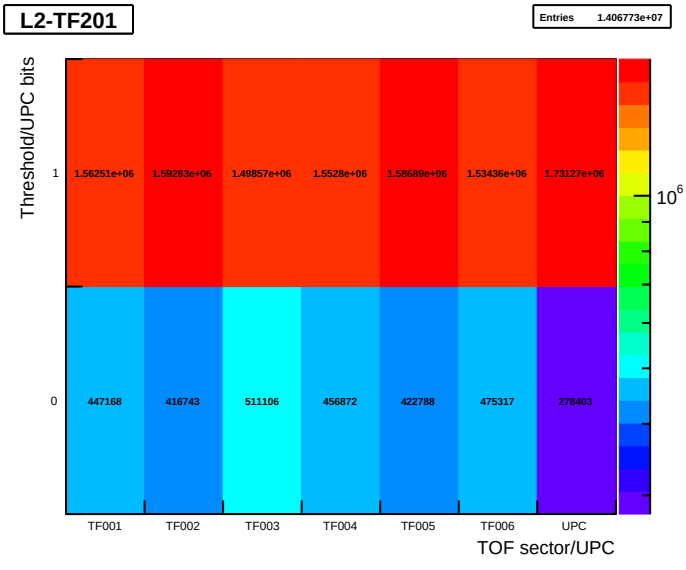

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

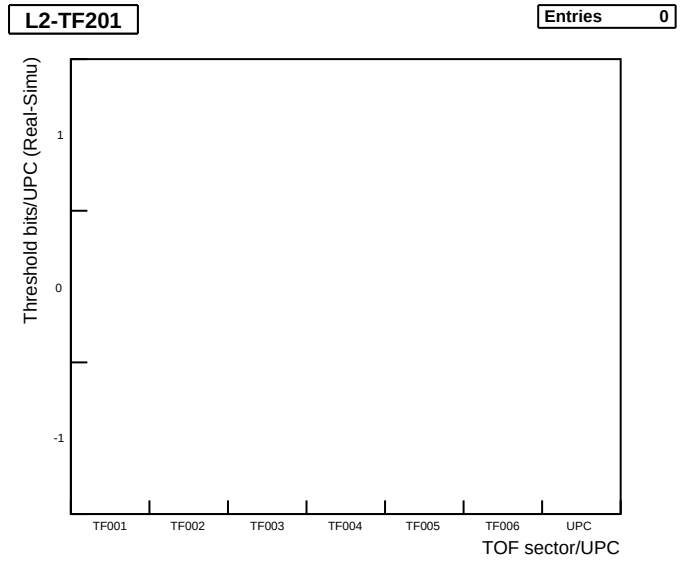

MIX-TF101
Entries 1.205806e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

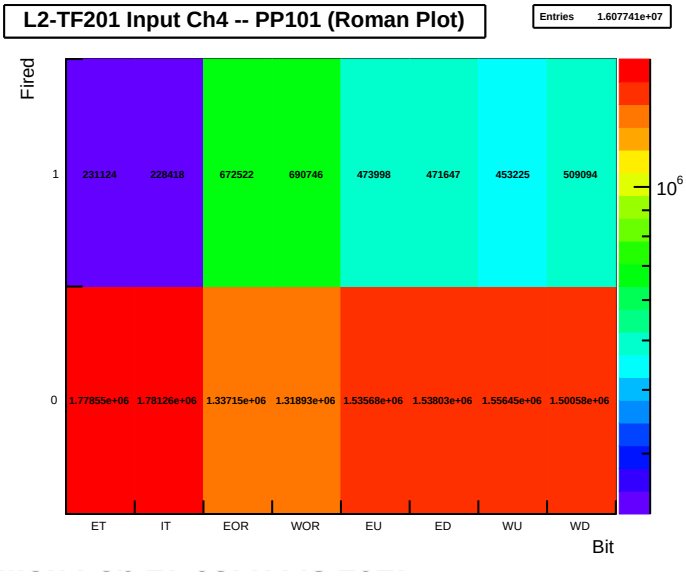

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

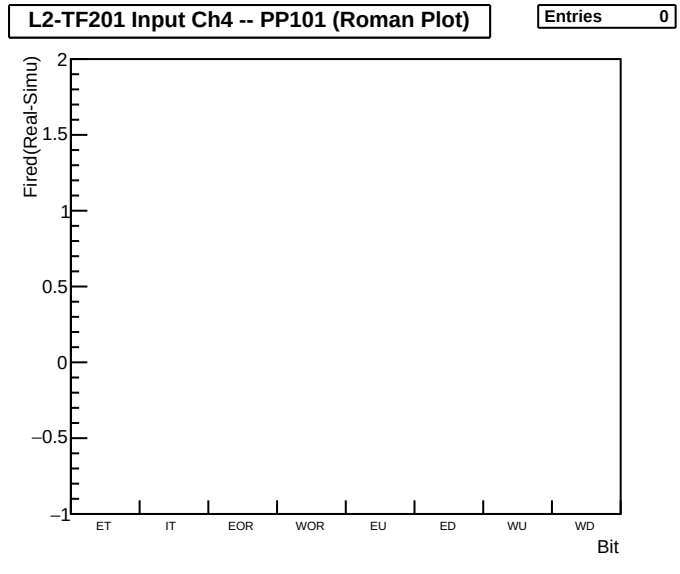

L2-TF201
Entries2009676
TOF total mult

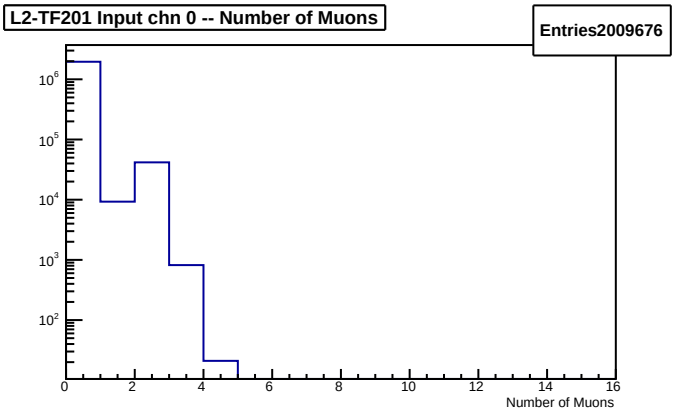

L2-TF201
Entries 0
TOF total mult(Real-Simu)

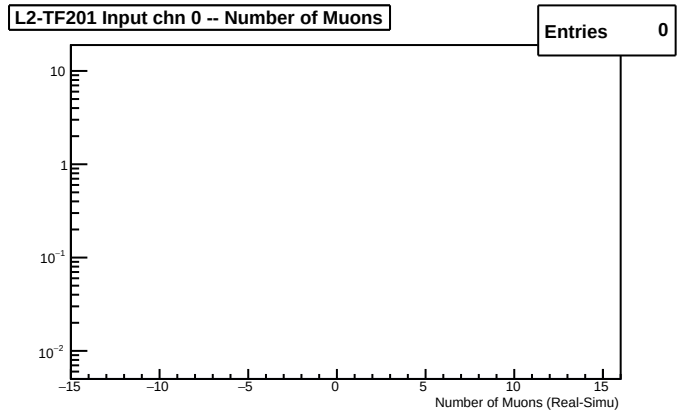

L2-TF201
Entries 1.406773e+07
Threshold/UPC bits
1.56251e+06
1.59293e+06
1.49857e+06
1.5528e+06
1.58689e+06
1.53436e+06
1.73127e+06
447168
416743
511106
456872
422788
475317
278403
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

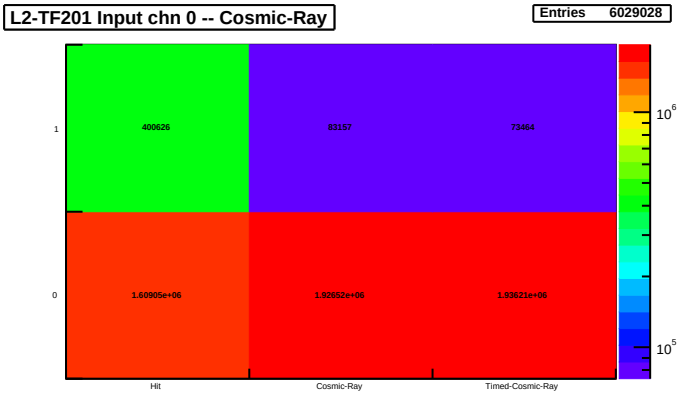

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

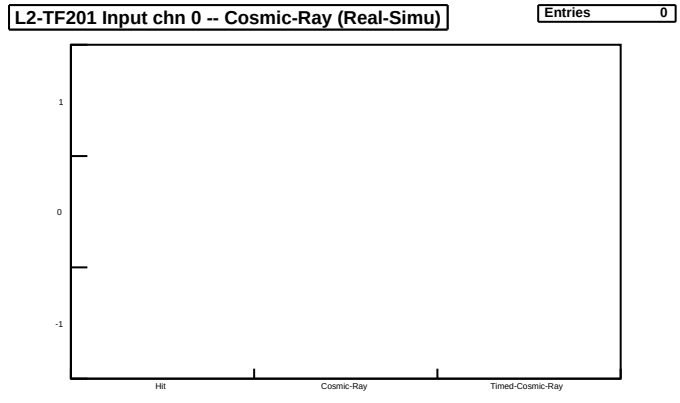

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.607741e+07
Fired
231124
228418
672522
690746
473998
471647
453225
509094
1.77855e+06
1.78126e+06
1.33715e+06
1.31893e+06
1.53568e+06
1.53803e+06
1.55645e+06
1.50058e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

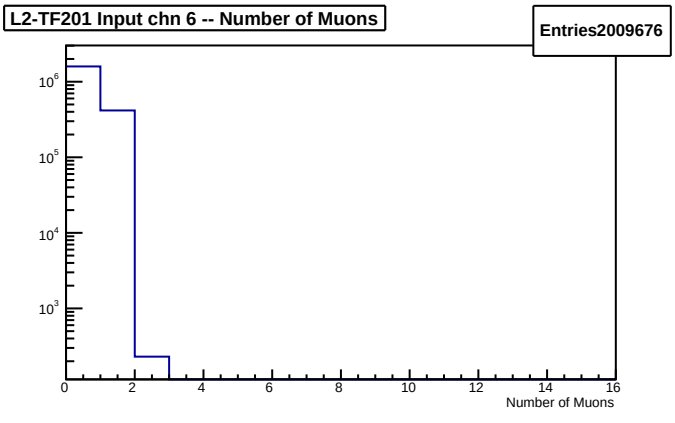

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

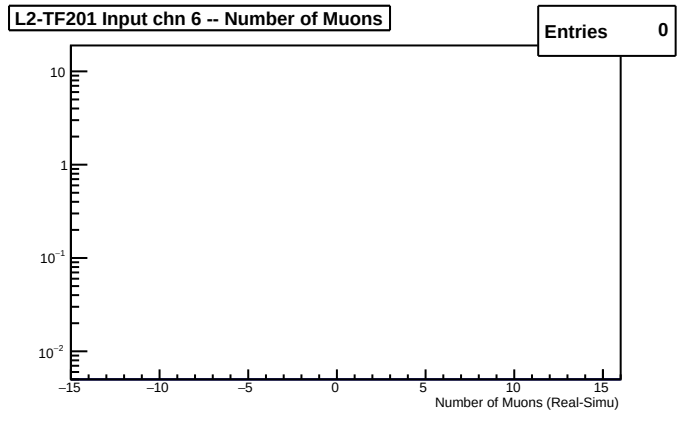

L2-TF201 Input chn 0 -- Number of Muons
Entries2009676
Number of Muons

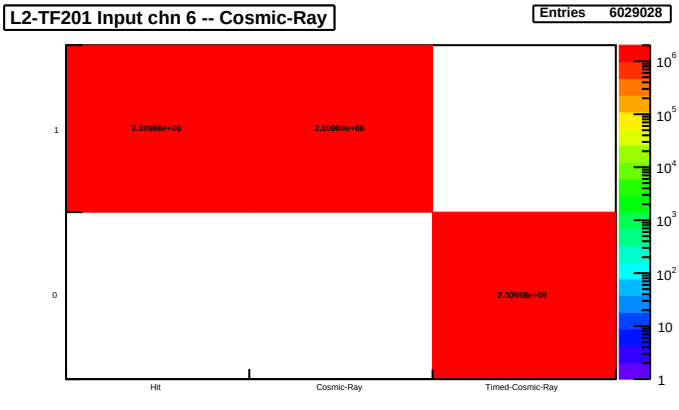

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

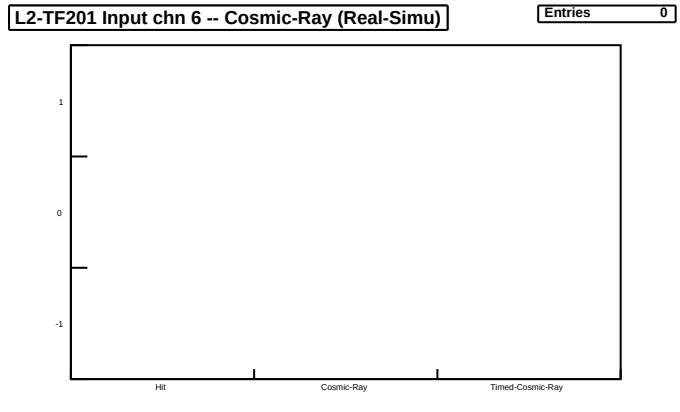

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6029028
400626
83157
73464
1.60905e+06
1.92652e+06
1.93621e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

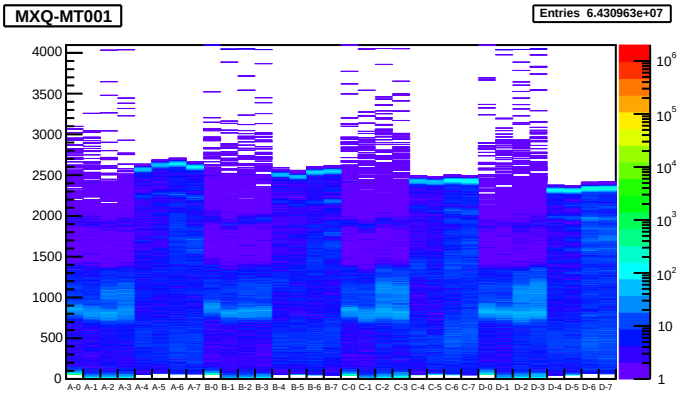

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

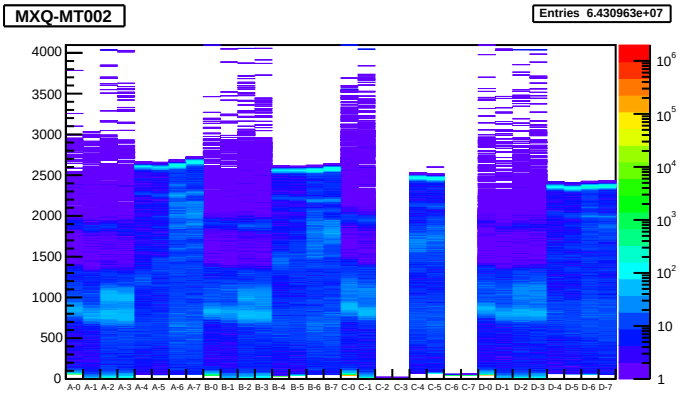

L2-TF201 Input chn 6 -- Number of Muons
Entries2009676
Number of Muons

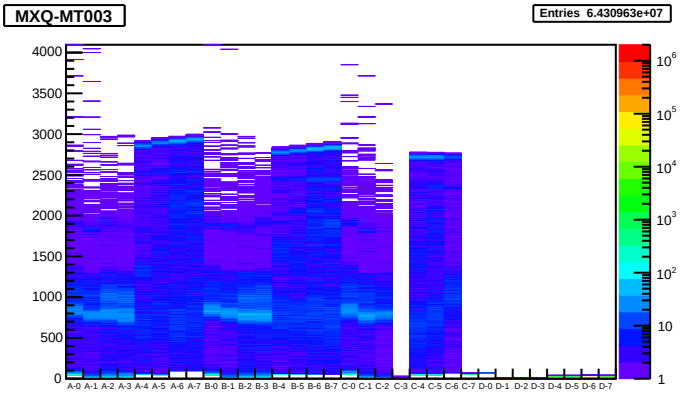

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

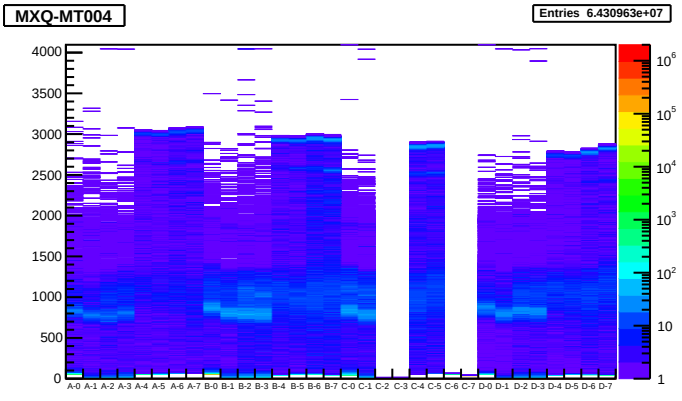

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 6029028
2.00968e+06
2.00968e+06
2.00968e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

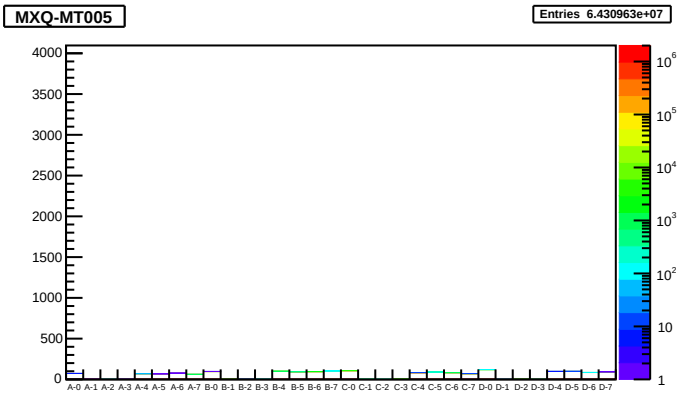

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

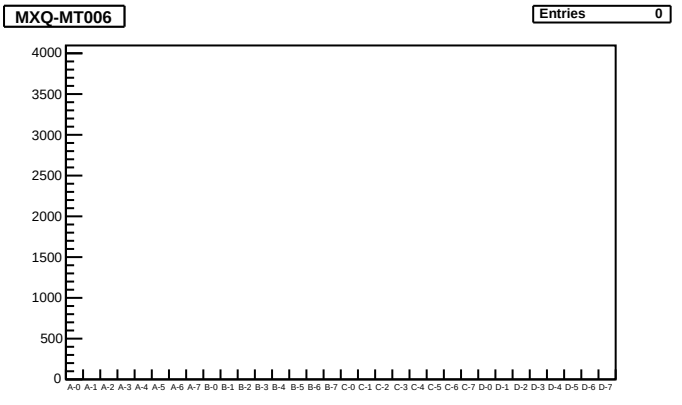

MXQ-MT001
Entries 6.430963e+07

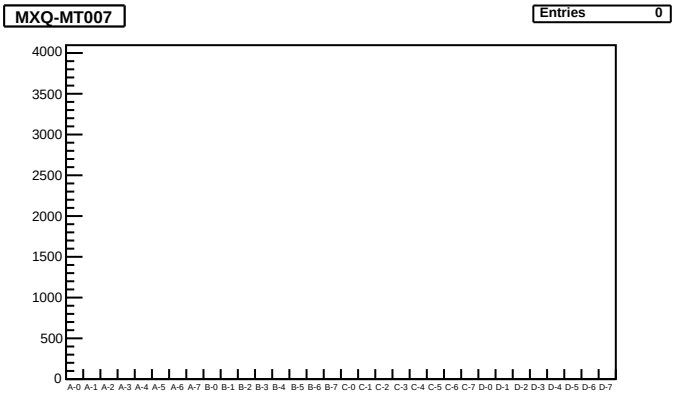

MXQ-MT002
Entries 6.430963e+07

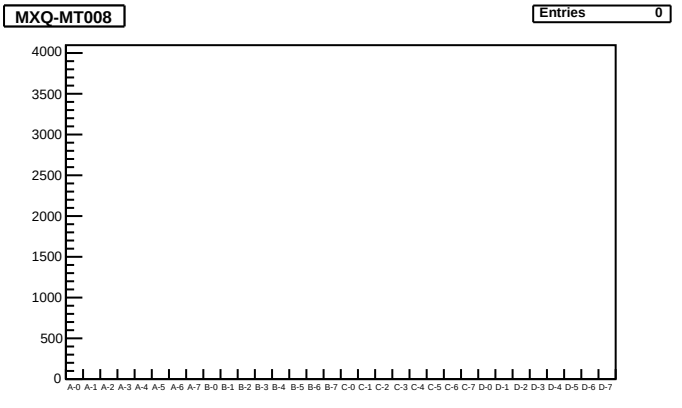

MXQ-MT003
Entries 6.430963e+07

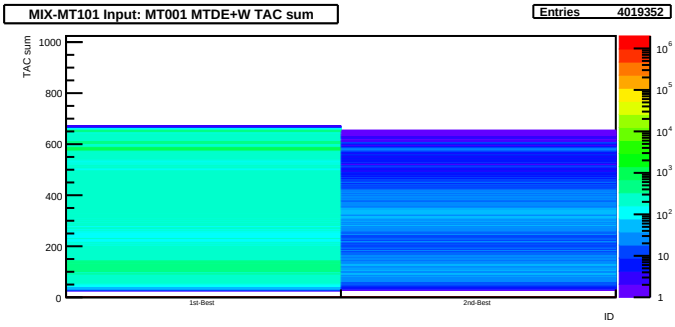

MXQ-MT004
Entries 6.430963e+07

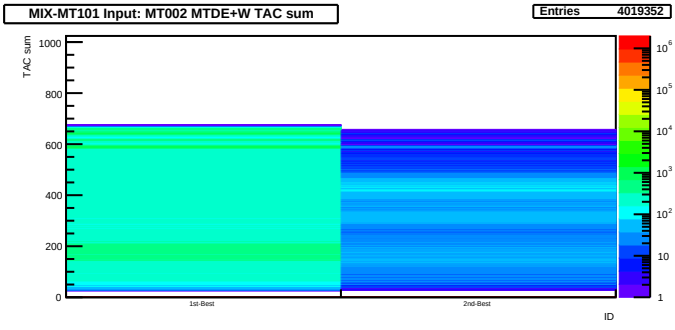

MXQ-MT005
Entries 6.430963e+07

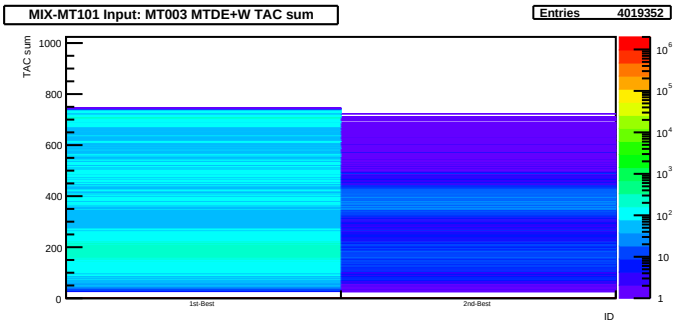

MXQ-MT006
Entries 0

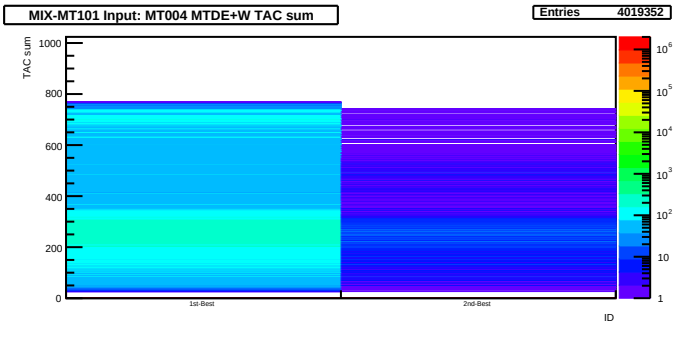

MXQ-MT007
Entries 0

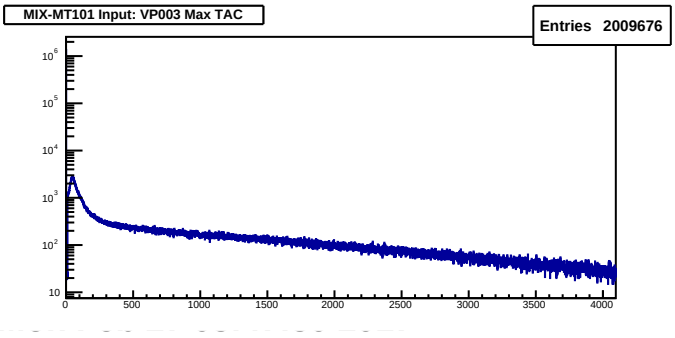

MXQ-MT008
Entries 0

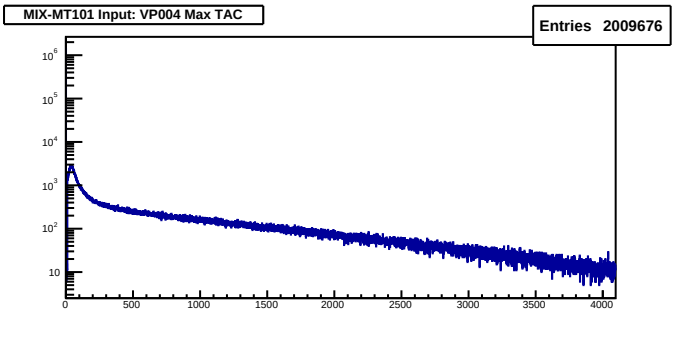

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4019352
TAC sum
1st-Best
2nd-Best
ID

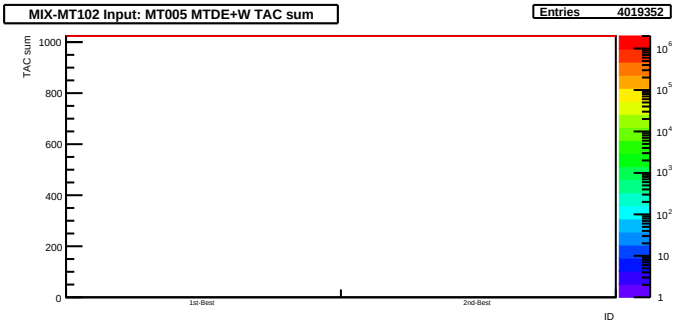

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4019352
TAC sum
1st-Best
2nd-Best
ID

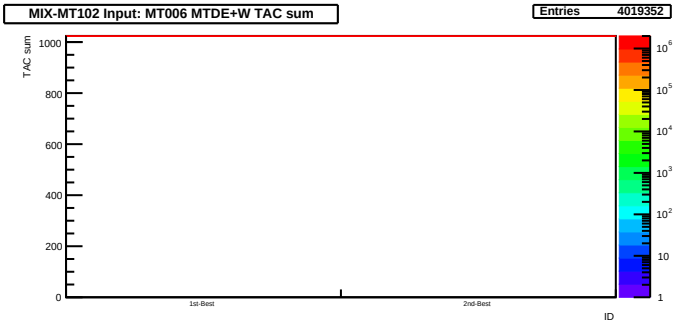

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4019352
TAC sum
1st-Best
2nd-Best
ID

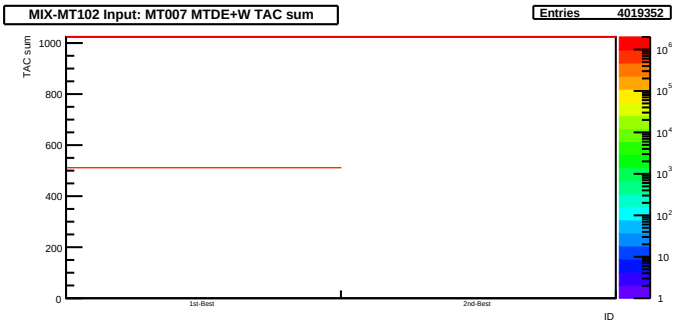

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4019352
TAC sum
1st-Best
2nd-Best
ID

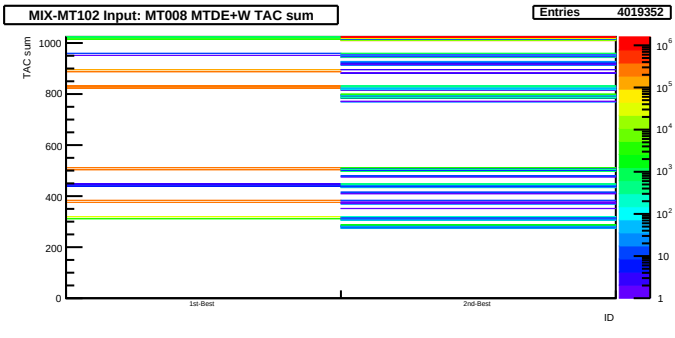

MIX-MT101 Input: VP003 Max TAC
Entries 2009676

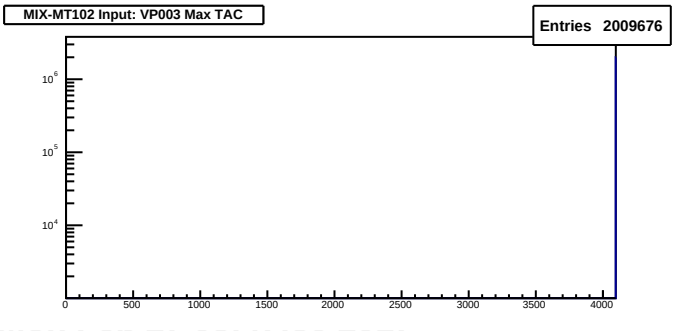

MIX-MT101 Input: VP004 Max TAC
Entries 2009676

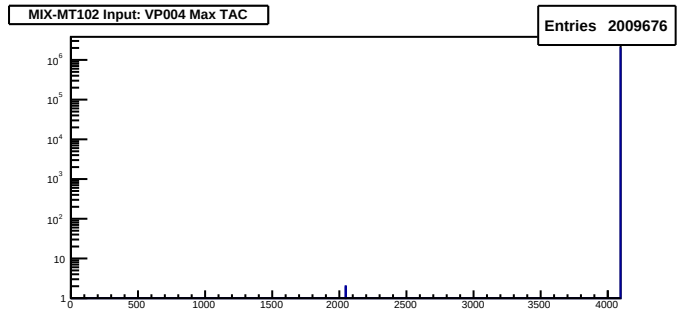

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 4019352
TAC sum
1st-Best
2nd-Best
ID

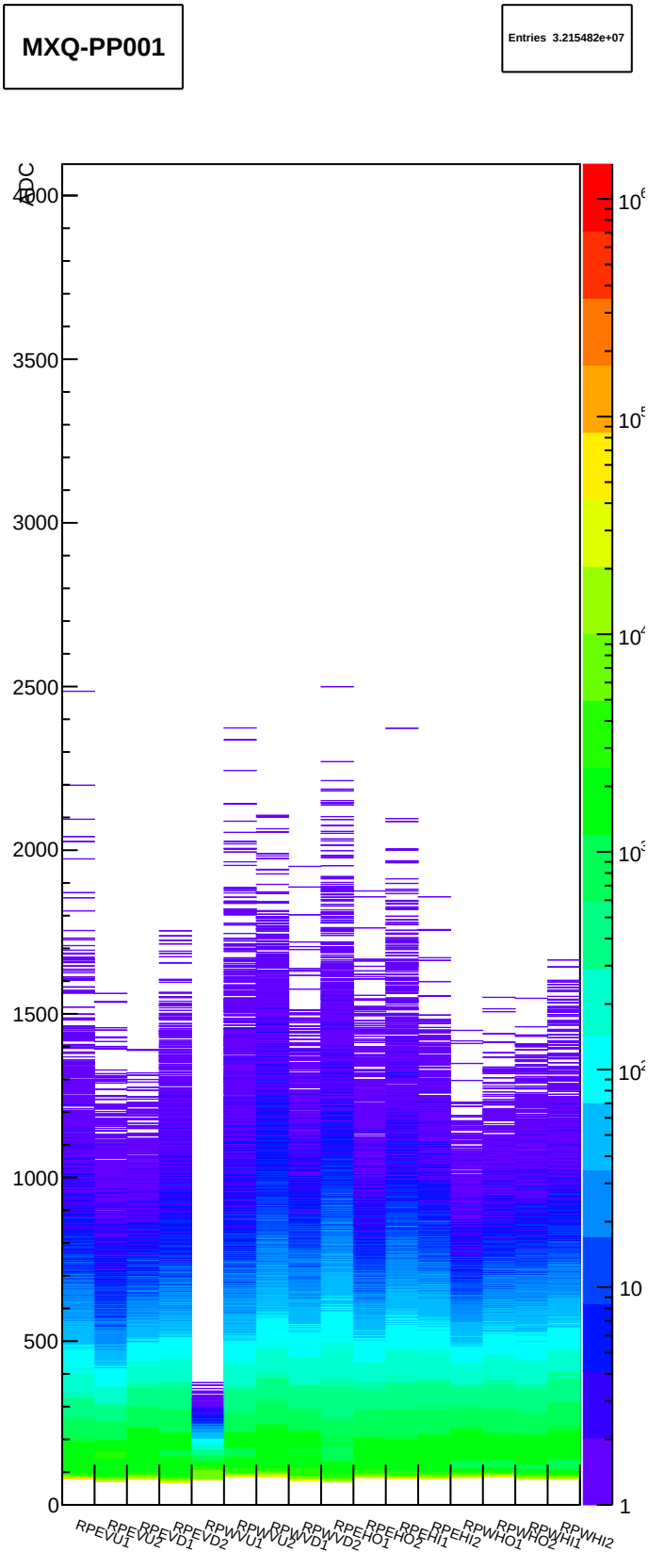

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 4019352
TAC sum
1st-Best
2nd-Best
ID

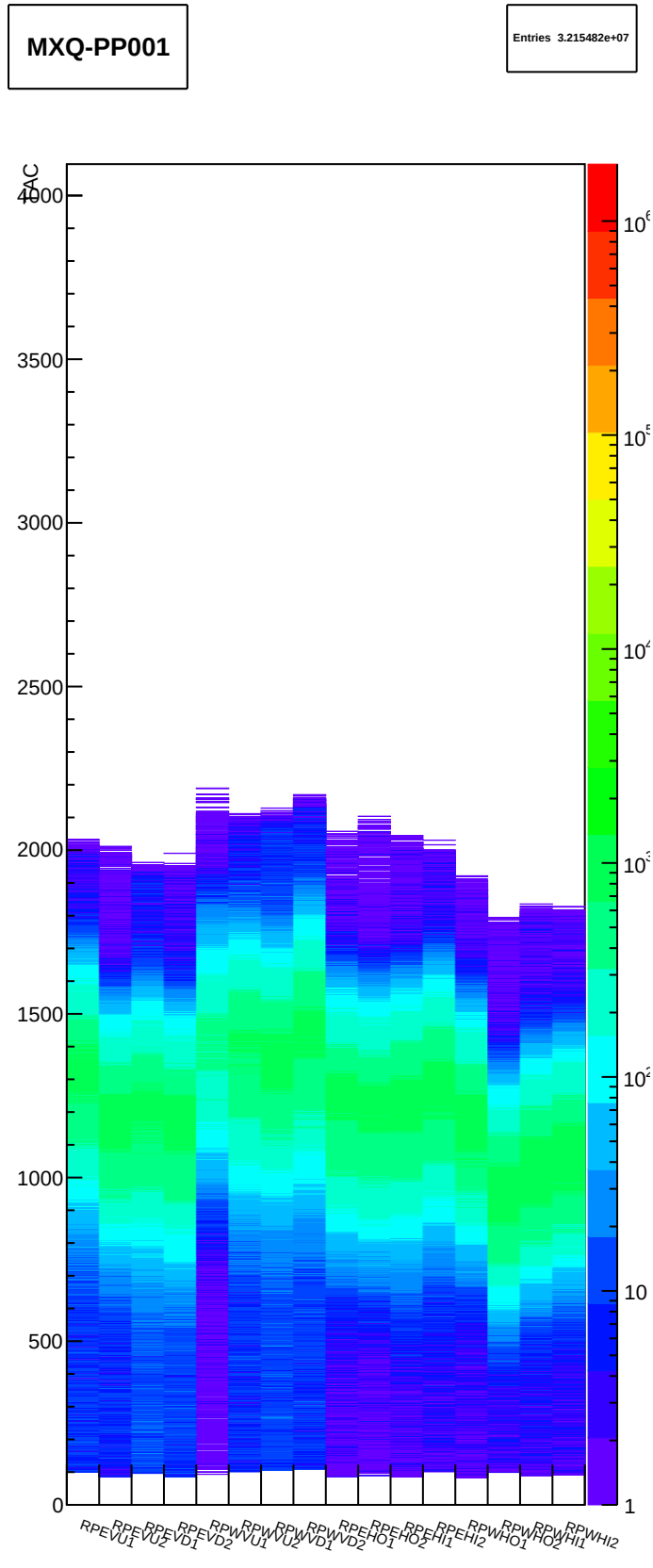

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 4019352
TAC sum
1st-Best
2nd-Best
ID

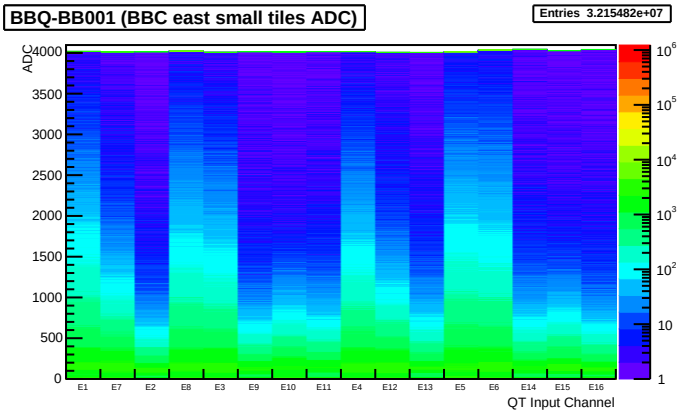

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 4019352
TAC sum
1st-Best
2nd-Best
ID

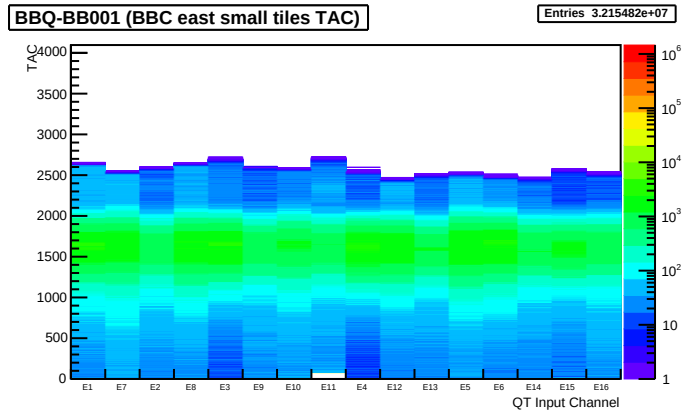

MIX-MT102 Input: VP003 Max TAC
Entries 2009676

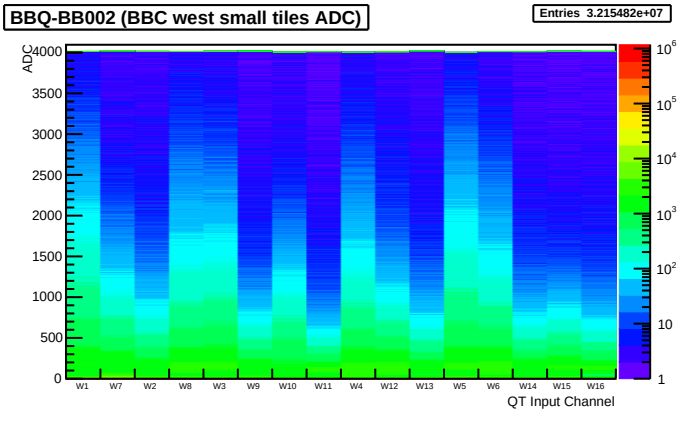

MIX-MT102 Input: VP004 Max TAC
Entries 2009676

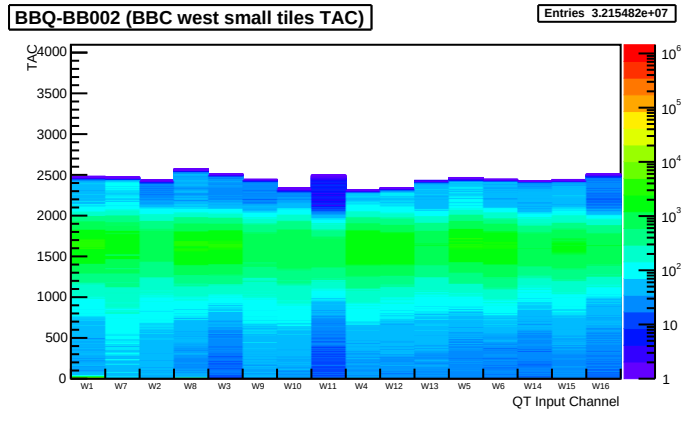

MXQ-PP001
Entries 3.215482e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

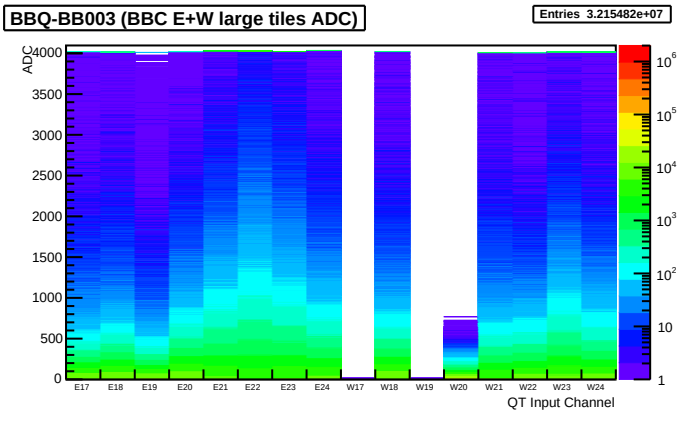

MXQ-PP001
Entries 3.215482e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

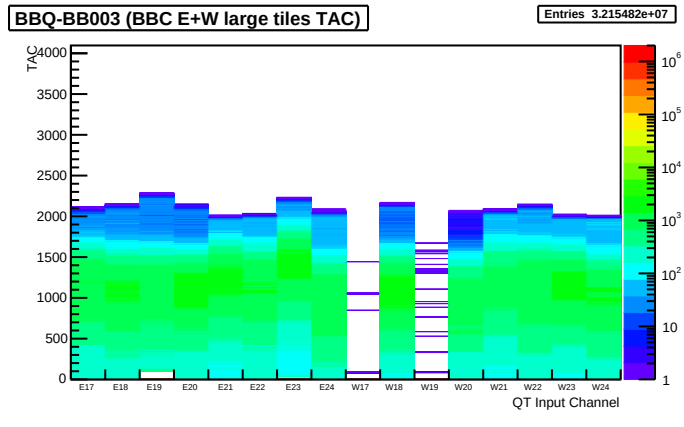

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.215482e+07
ADC
QT Input Channel

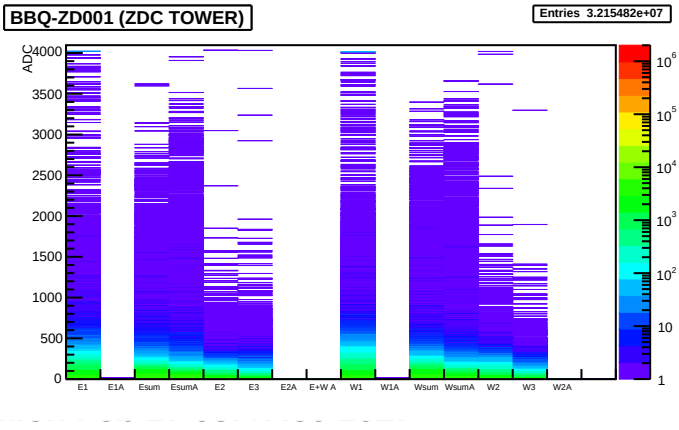

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.215482e+07
TAC
QT Input Channel

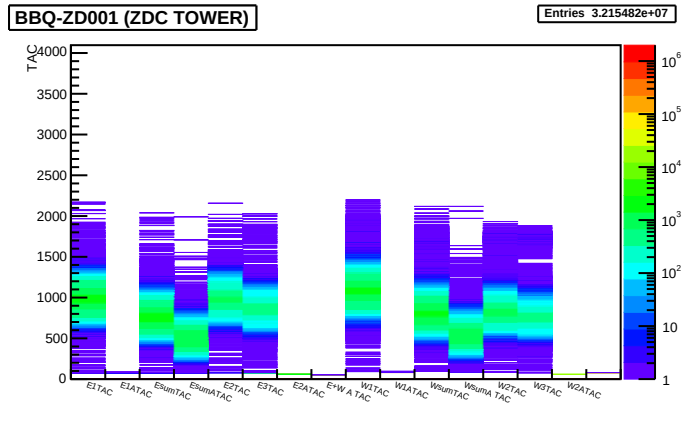

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.215482e+07
ADC
QT Input Channel

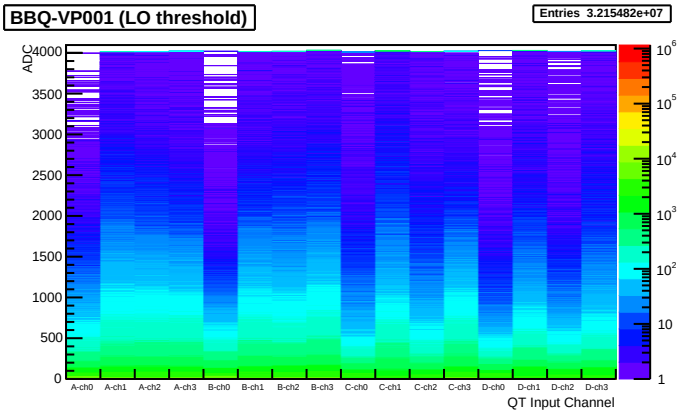

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.215482e+07
TAC
QT Input Channel

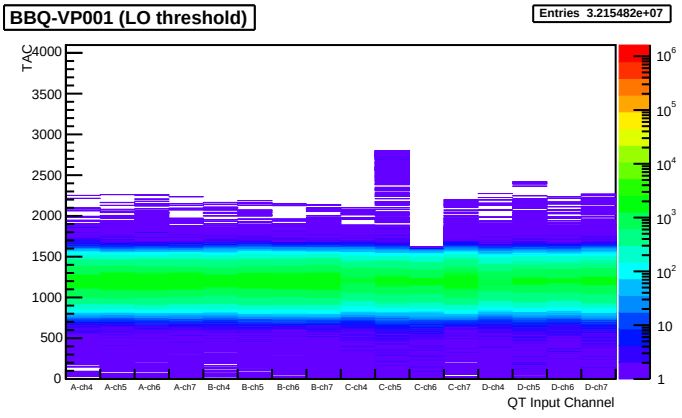

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.215482e+07
ADC
QT Input Channel

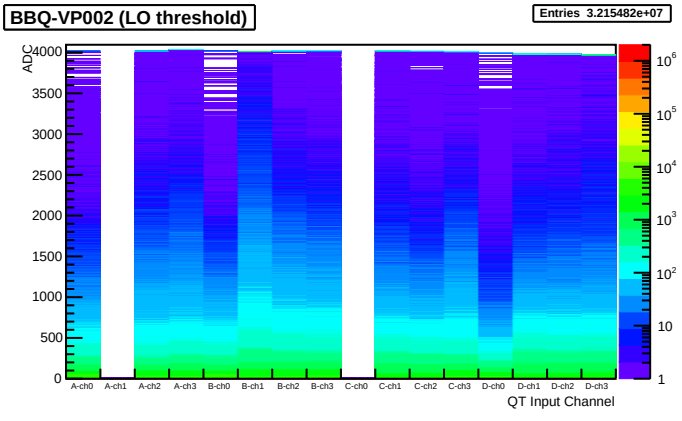

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.215482e+07
TAC
QT Input Channel

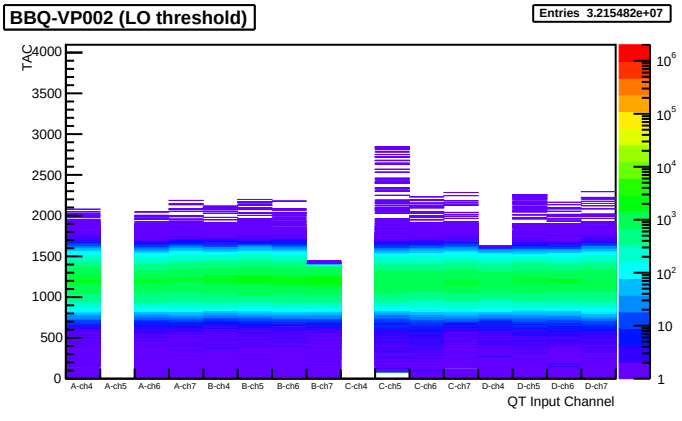

BBQ-ZD001 (ZDC TOWER)
Entries 3.215482e+07
ADC

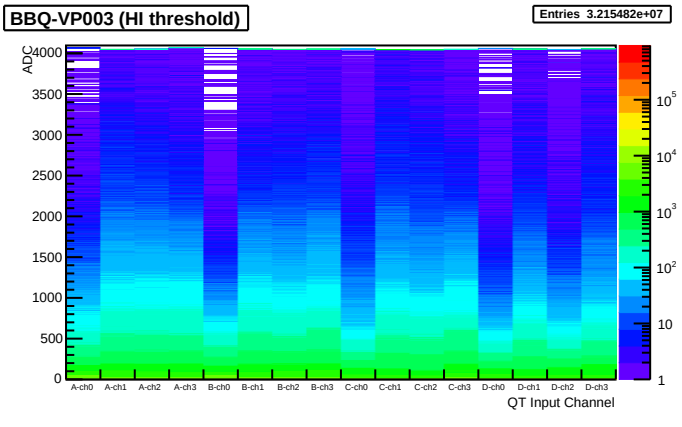

BBQ-ZD001 (ZDC TOWER)
Entries 3.215482e+07
TAC

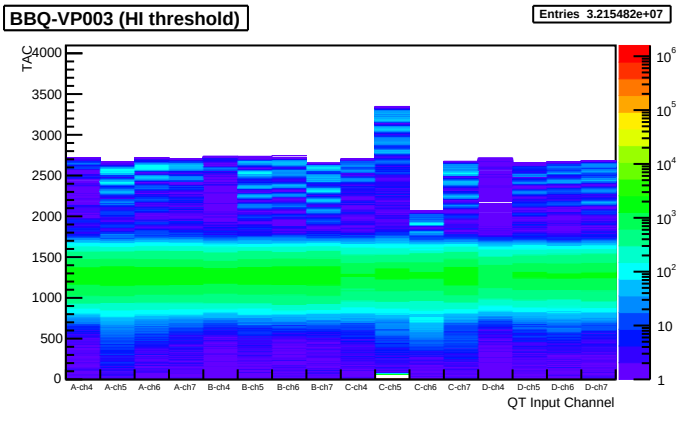

BBQ-VP001 (LO threshold)
Entries 3.215482e+07
ADC
QT Input Channel

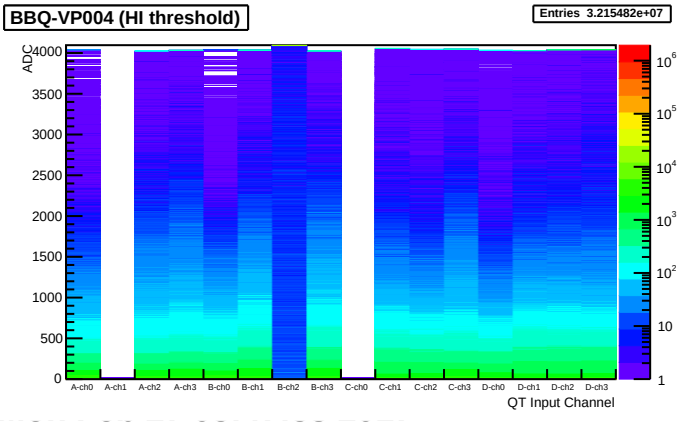

BBQ-VP001 (LO threshold)
Entries 3.215482e+07
TAC
QT Input Channel

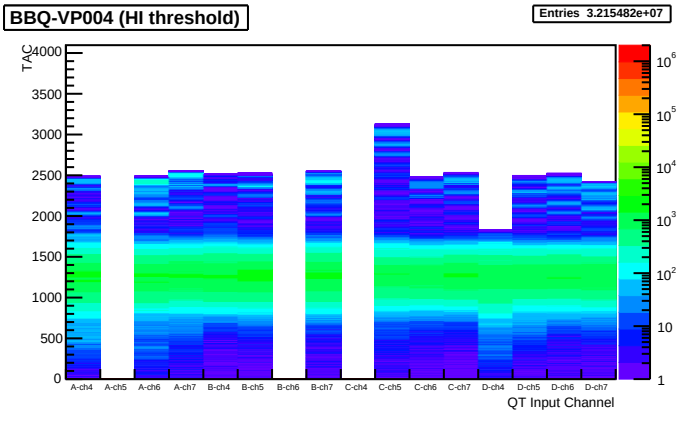

BBQ-VP002 (LO threshold)
Entries 3.215482e+07
ADC
QT Input Channel

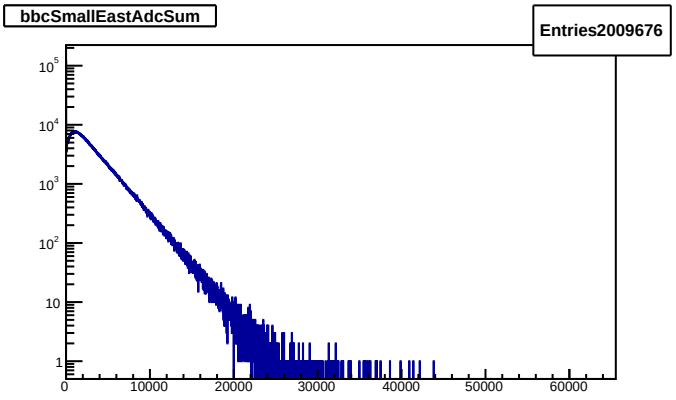

BBQ-VP002 (LO threshold)
Entries 3.215482e+07
TAC
QT Input Channel

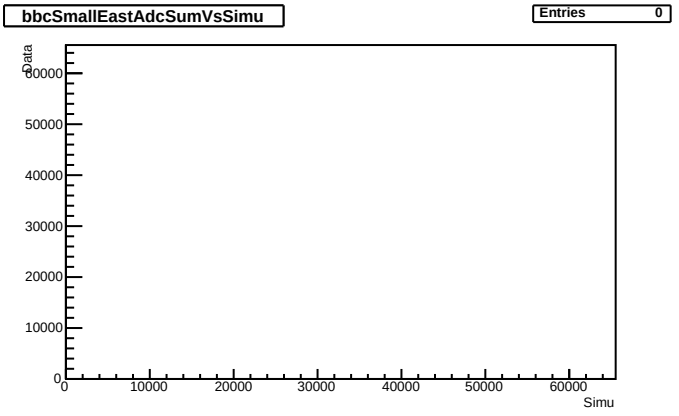

BBQ-VP003 (HI threshold)
Entries 3.215482e+07
ADC
QT Input Channel

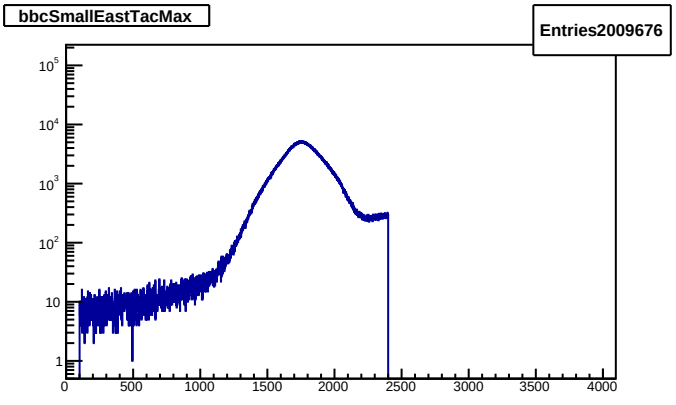

BBQ-VP003 (HI threshold)
Entries 3.215482e+07
TAC
QT Input Channel

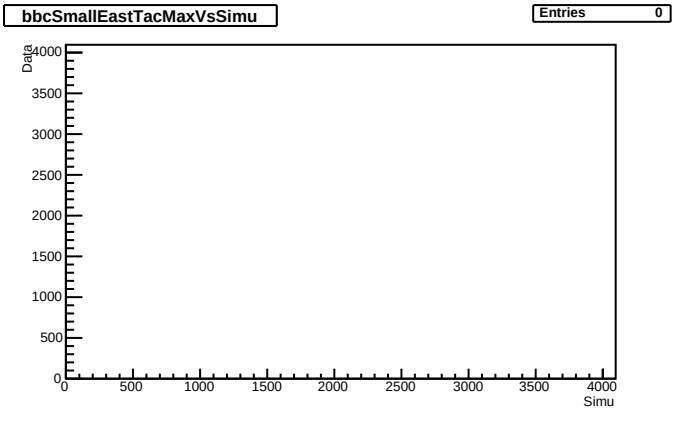

BBQ-VP004 (HI threshold)
Entries 3.215482e+07
ADC
QT Input Channel

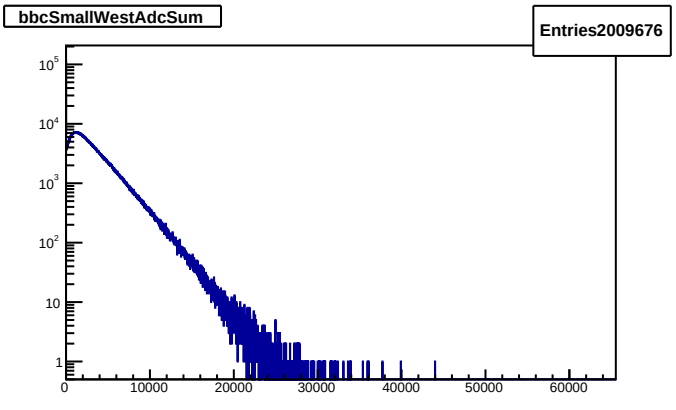

BBQ-VP004 (HI threshold)
Entries 3.215482e+07
TAC
QT Input Channel

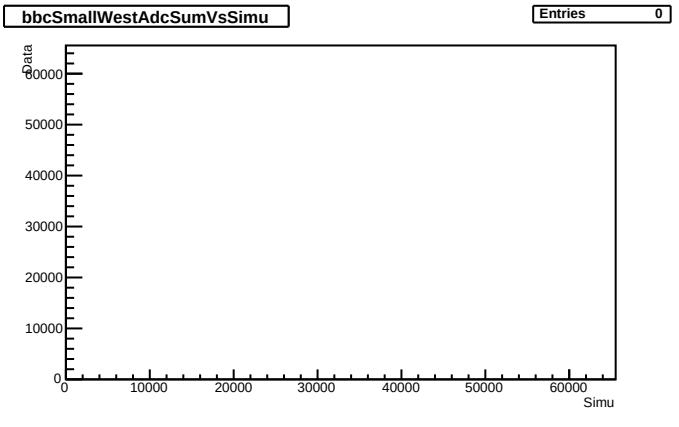

bbcSmallEastAdcSum
Entries2009676

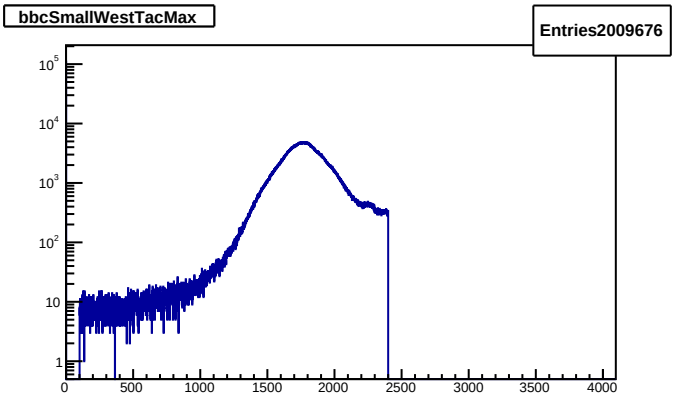

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

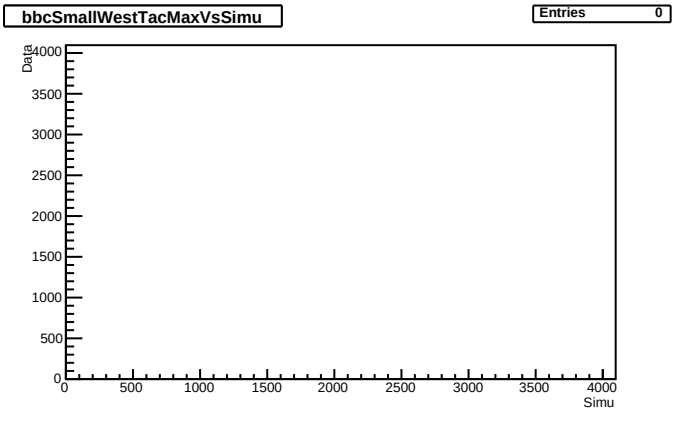

bbcSmallEastTacMax
Entries2009676

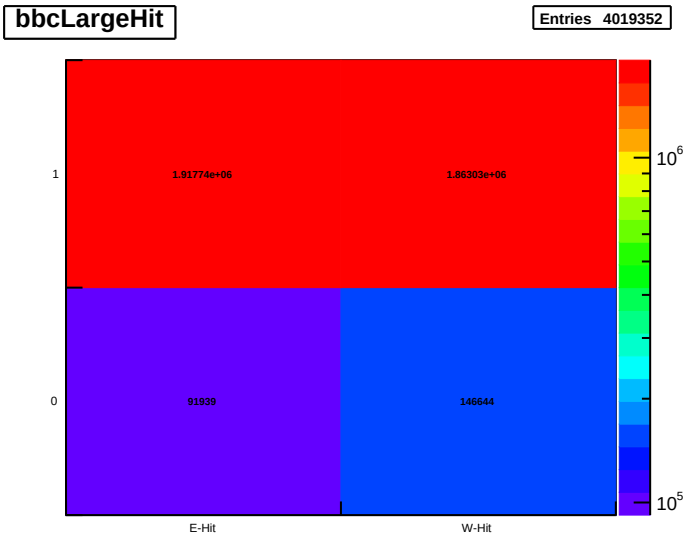

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

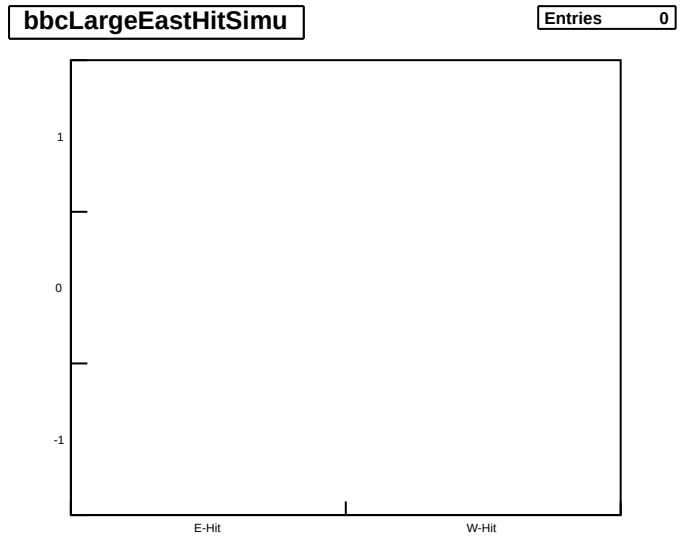

bbcSmallWestAdcSum
Entries2009676

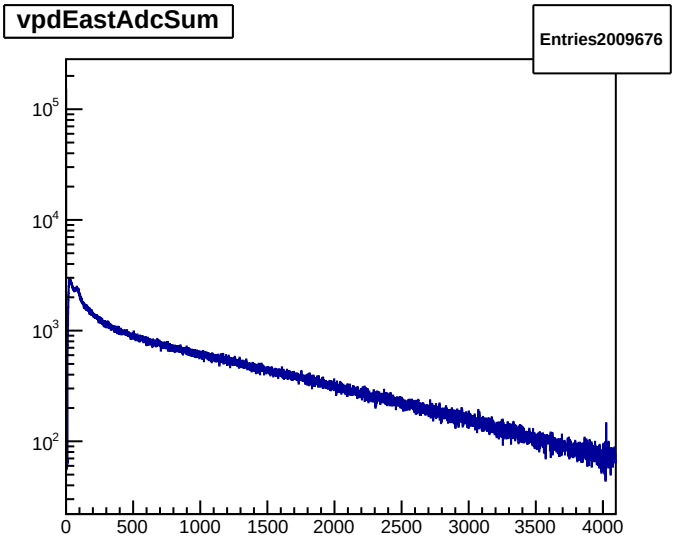

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

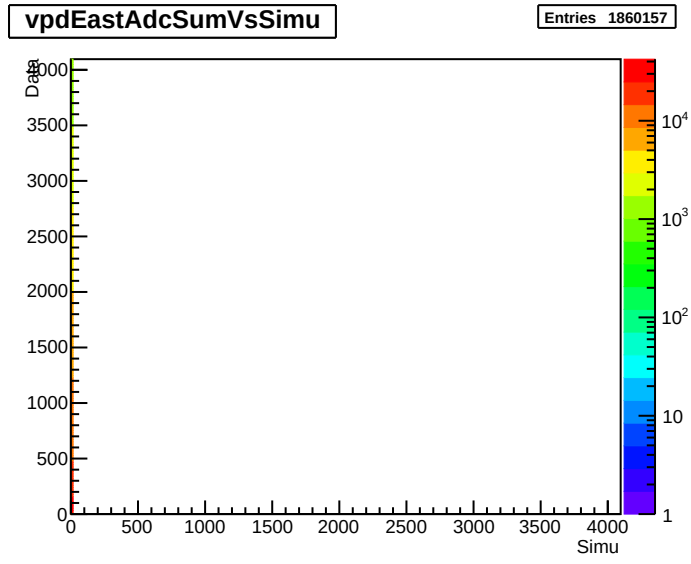

bbcSmallWestTacMax
Entries2009676

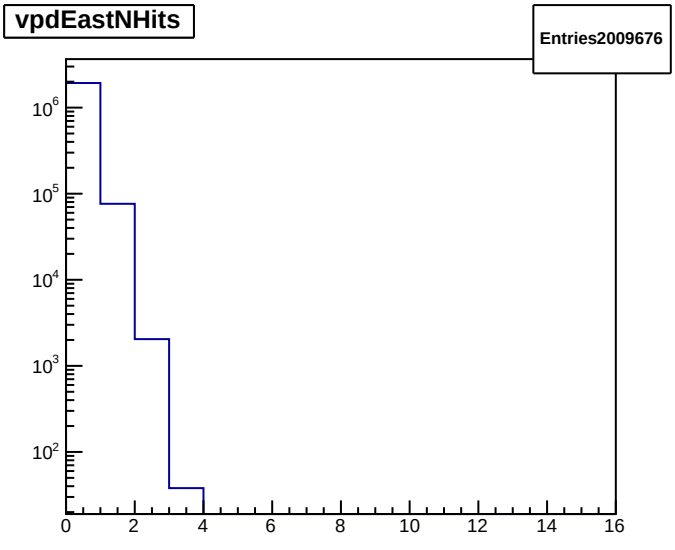

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

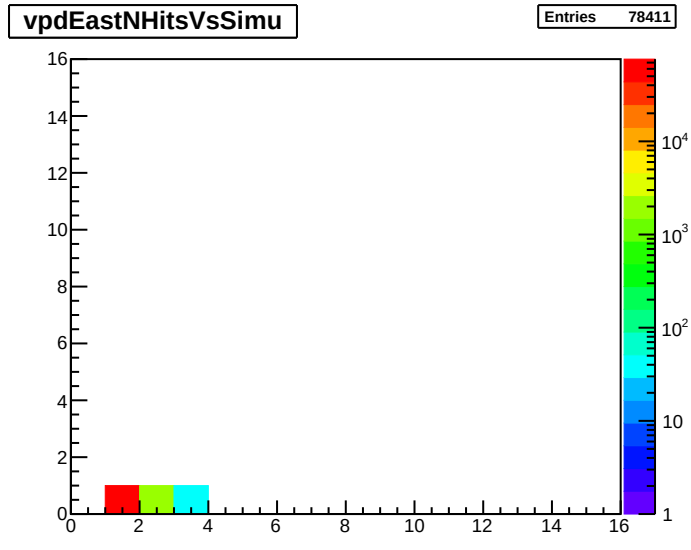

bbcLargeHit
Entries 4019352
1.91774e+06
1.86303e+06
91939
146644
1
0
E-Hit
W-Hit
10^6
10^5

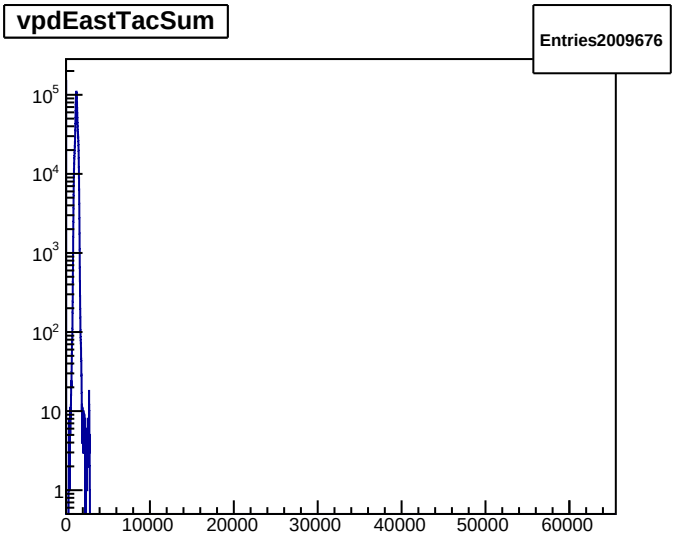

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

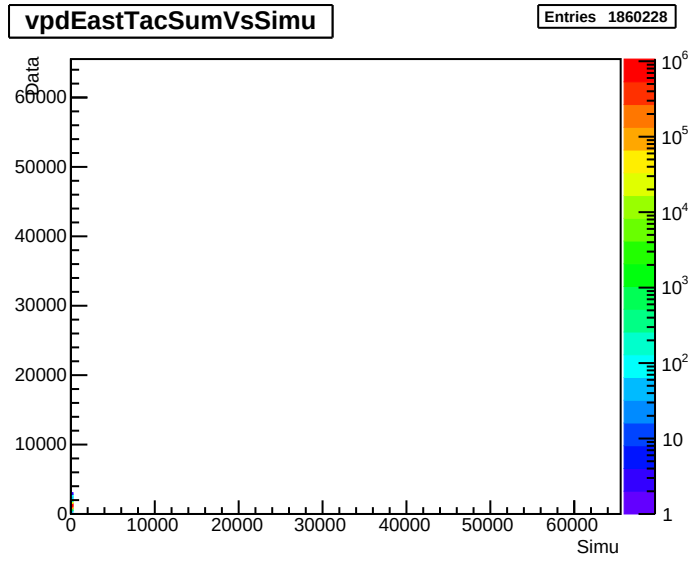

vpdEastAdcSum
Entries2009676

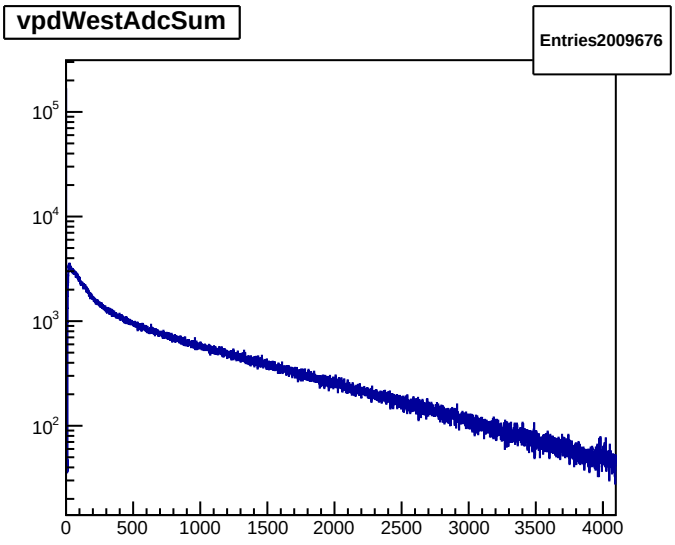

vpdEastAdcSumVsSimu
Entries 1860157
Data
Simu

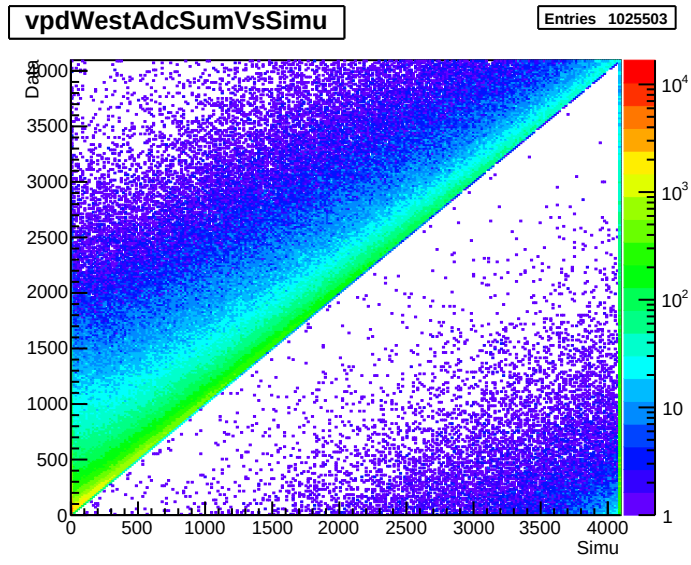

vpdEastNHits
Entries2009676

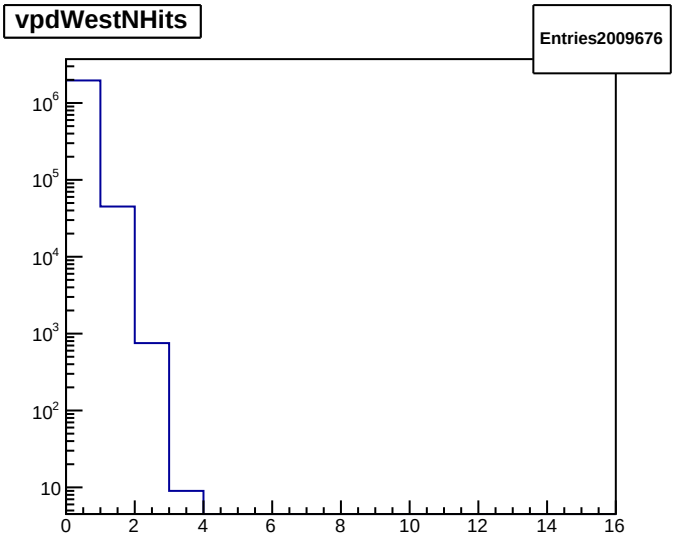

vpdEastNHitsVsSimu
Entries 78411

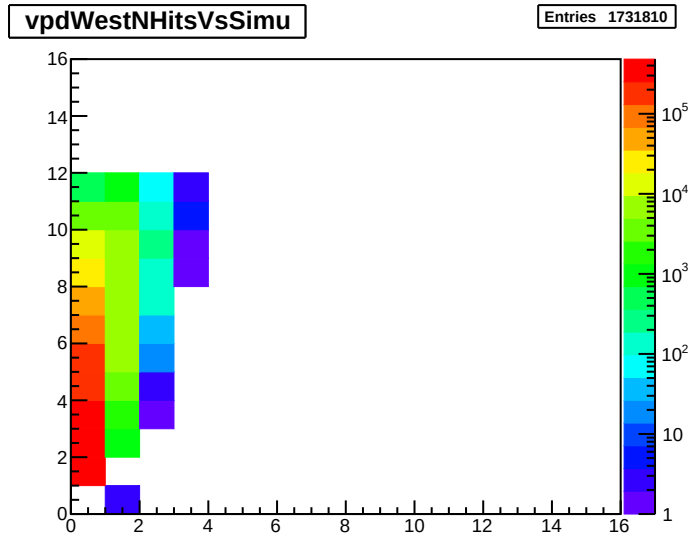

vpdEastTacSum
Entries2009676

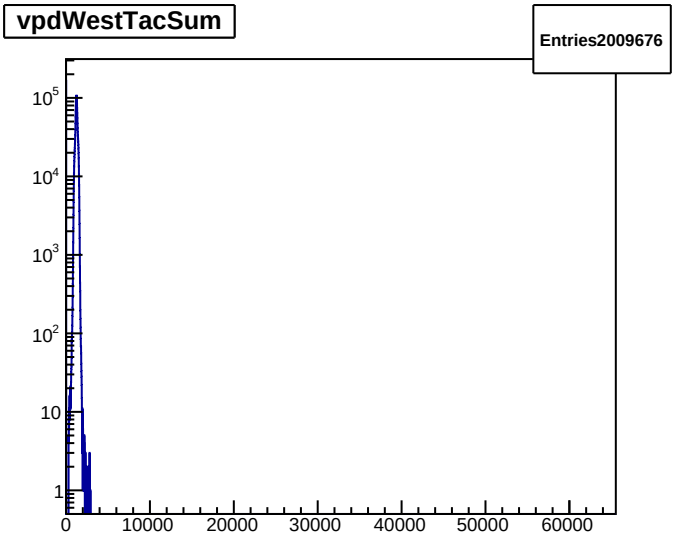

vpdEastTacSumVsSimu
Entries 1860228
Data
Simu

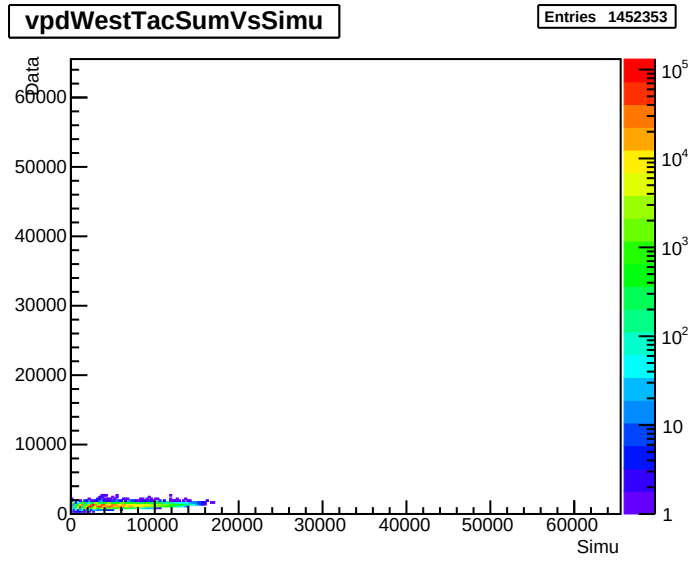

vpdWestAdcSum
Entries2009676

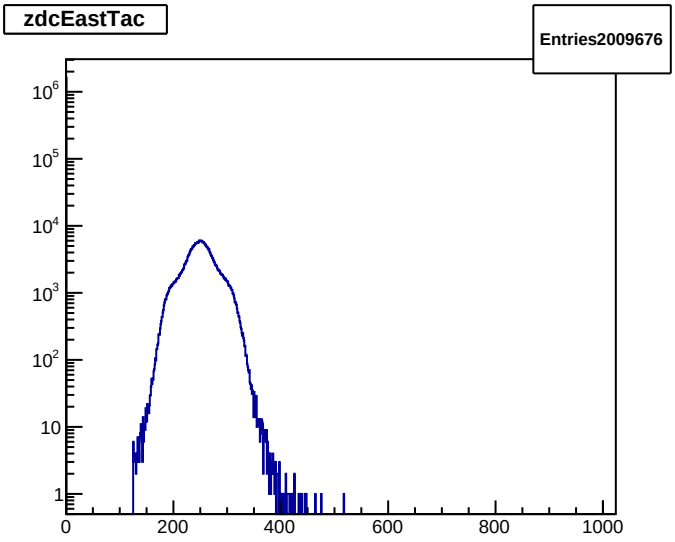

vpdWestAdcSumVsSimu
Entries 1025503
Data
Simu

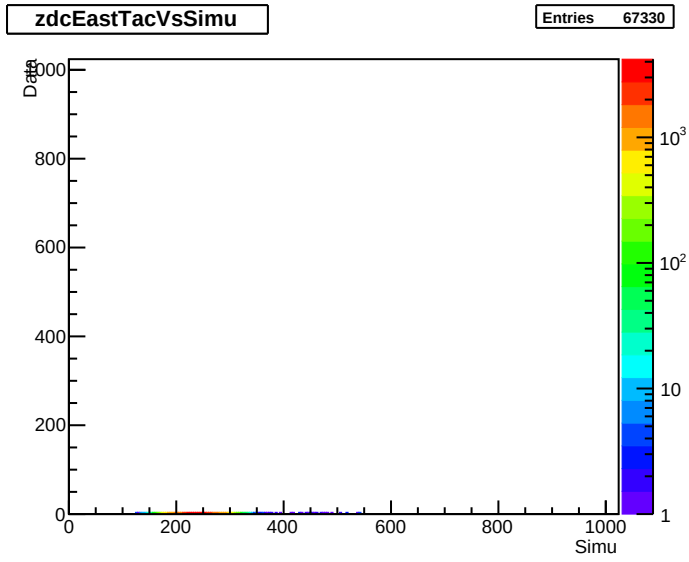

vpdWestNHits
Entries2009676

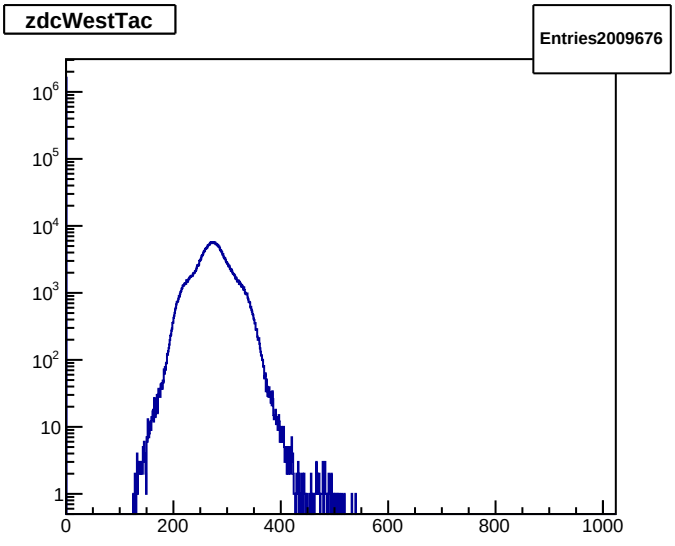

vpdWestNHitsVsSimu
Entries 1731810

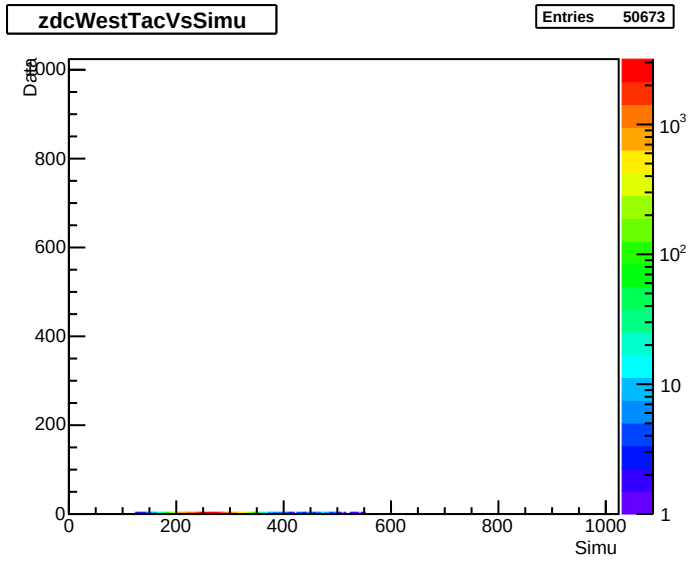

vpdWestTacSum
Entries2009676

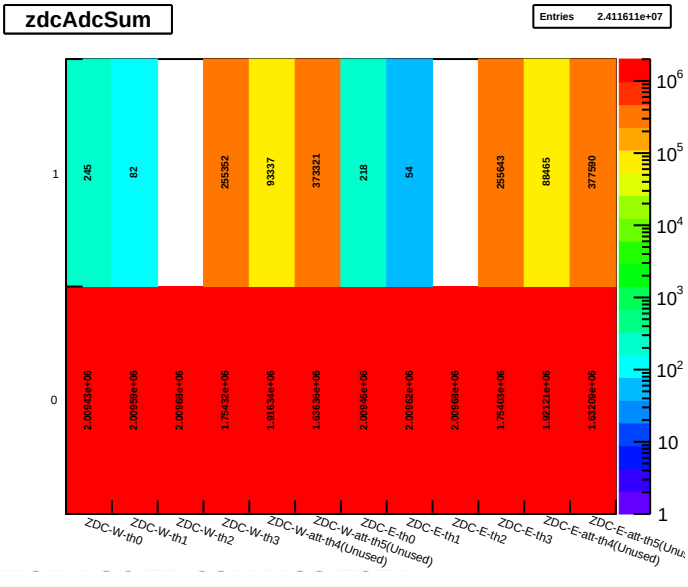

vpdWestTacSumVsSimu
Entries 1452353
Data
Simu

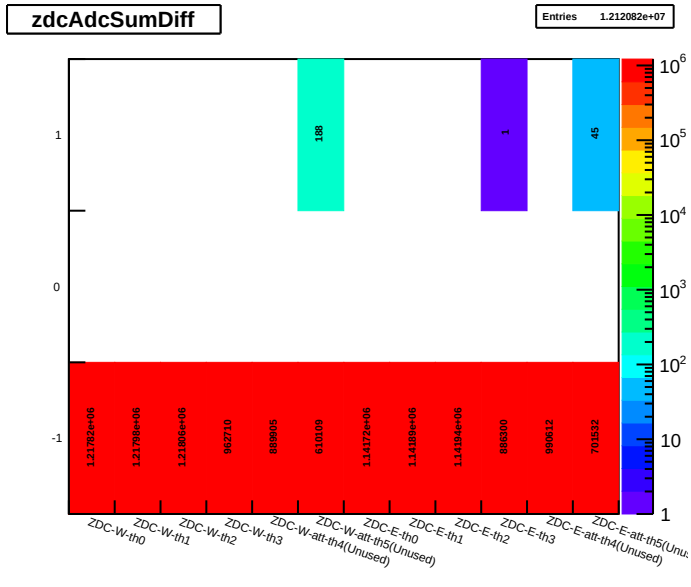

zdcEastTac
Entries2009676

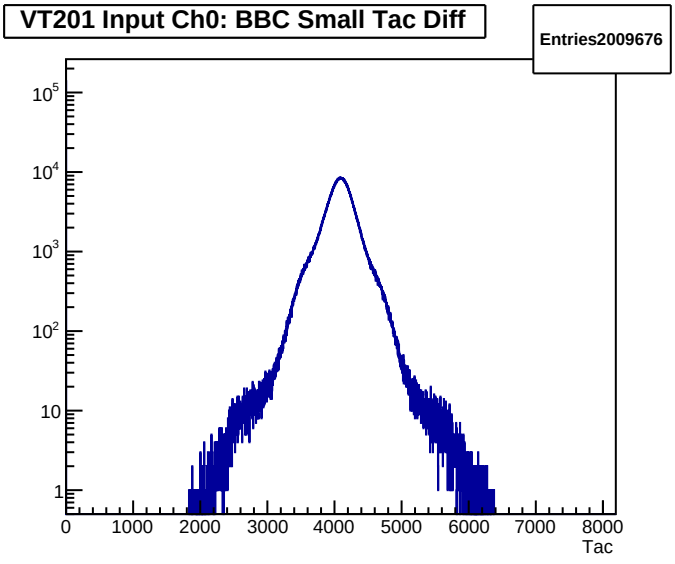

zdcEastTacVsSimu
Entries 67330
Data
Simu

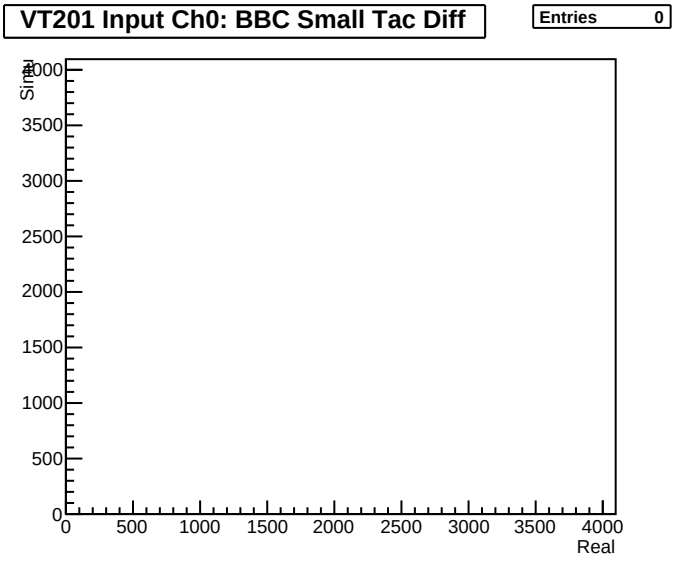

zdcWestTac
Entries2009676

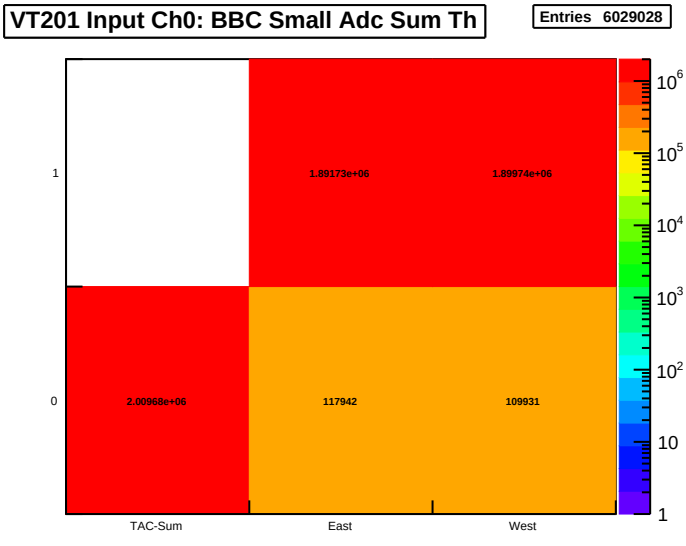

zdcWestTacVsSimu
Entries 50673
Data
Simu

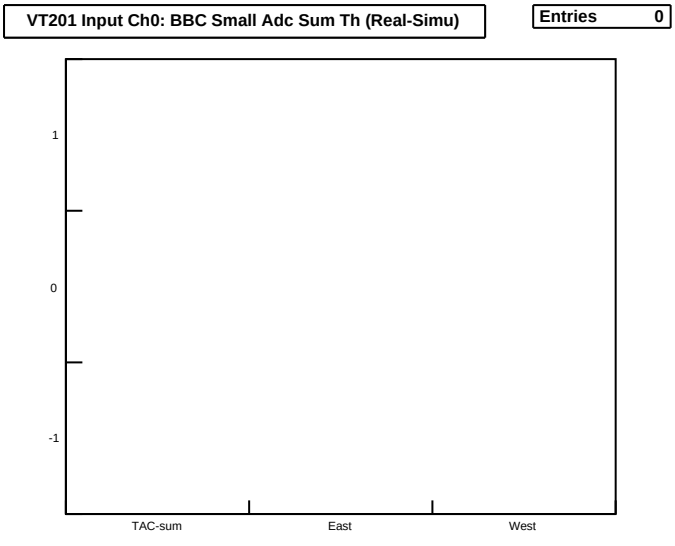

zdcAdcSum
Entries 2.411611e+07
245
82
255352
93337
373321
218
54
255643
88465
377590
2.00943e+06
2.00959e+05
2.00968e+06
1.75432e+06
1.91634e+06
1.63636e+06
2.00946e+06
2.00962e+06
2.00968e+05
1.75403e+06
1.92121e+06
1.63209e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

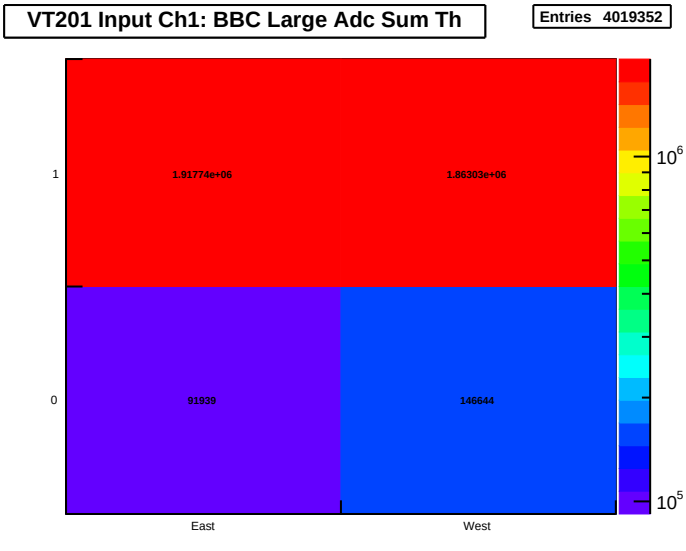

zdcAdcSumDiff
Entries 1.212082e+07
188
1
45
1.21782e+06
1.21798e+06
1.21806e+06
962710
889905
610109
1.14172e+06
1.14189e+06
1.14194e+06
888300
990612
701532
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

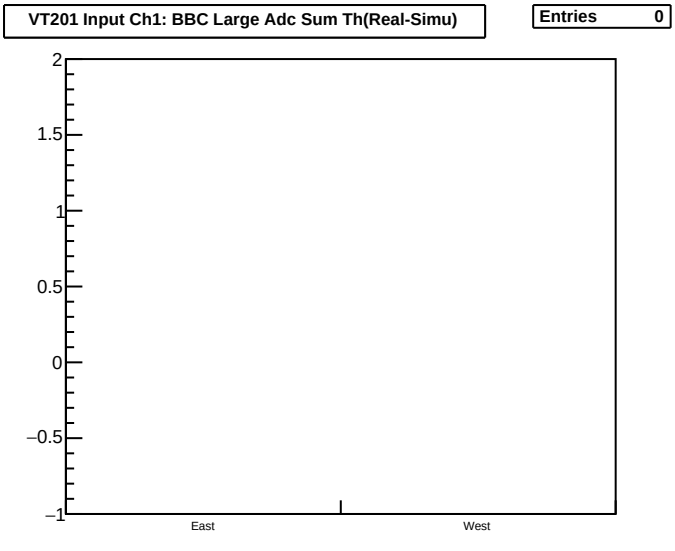

VT201 Input Ch0: BBC Small Tac Diff
Entries2009676
Tac


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

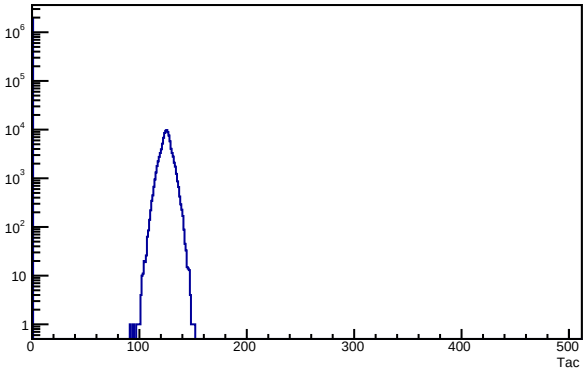

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6029028
1.89173e+06
1.89974e+06
2.00968e+06
117942
109931
TAC-Sum
East
West


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

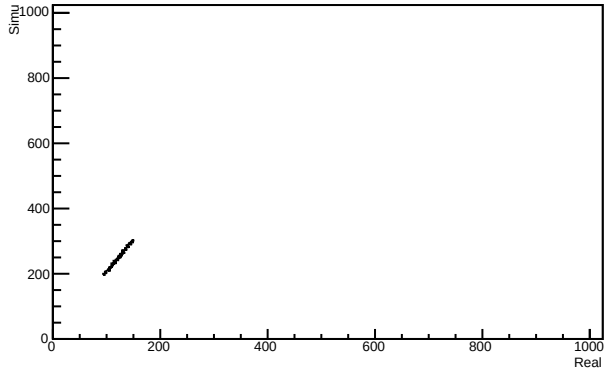

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4019352
1.91774e+06
1.86303e+06
91939
146644
East
West


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

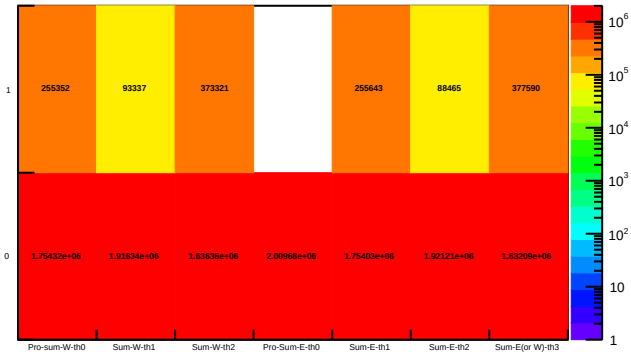
VT201 Input Ch2: ZDC Tac Diff



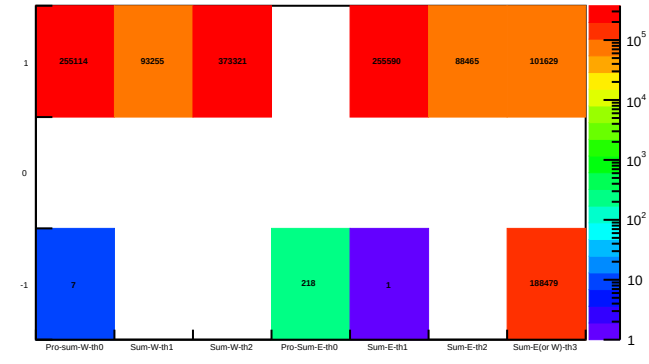
VT201 Input Ch2: ZDC Tac Diff



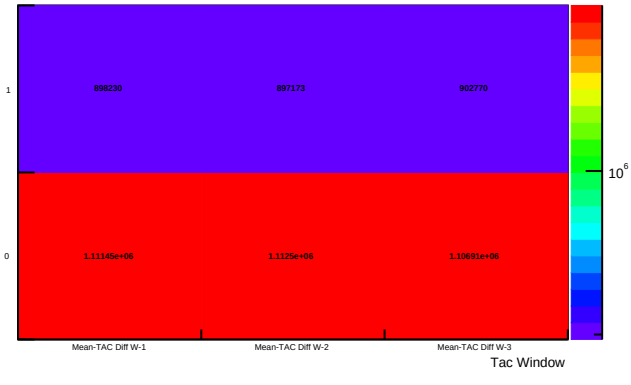
VT201 Input Ch2: ZDC Adc Sum Th



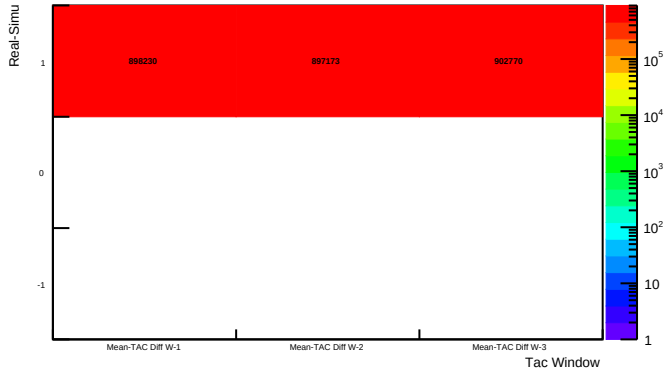
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



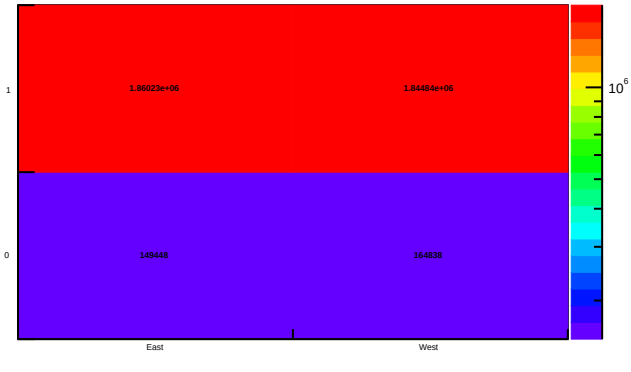
VT201 Input Ch4: VPD Tac Diff



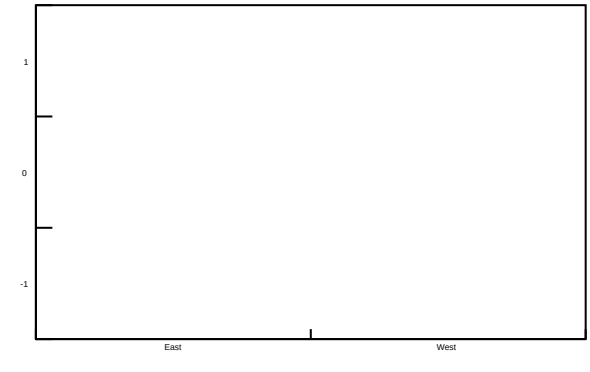
VT201 Input Ch4: VPD Tac Diff

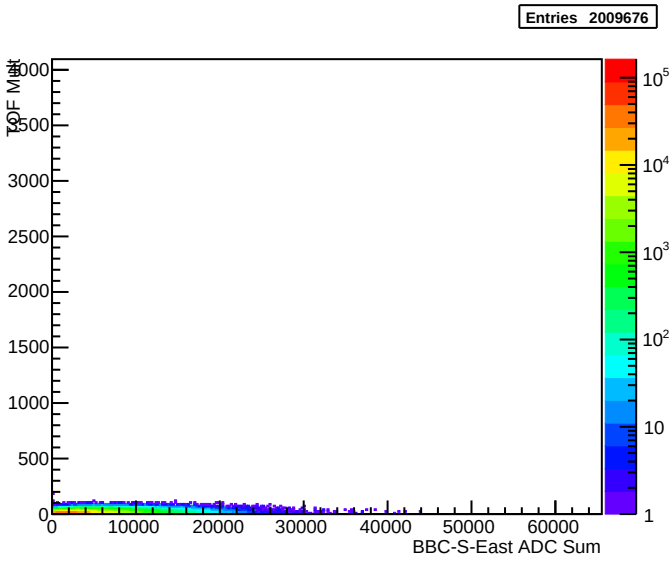


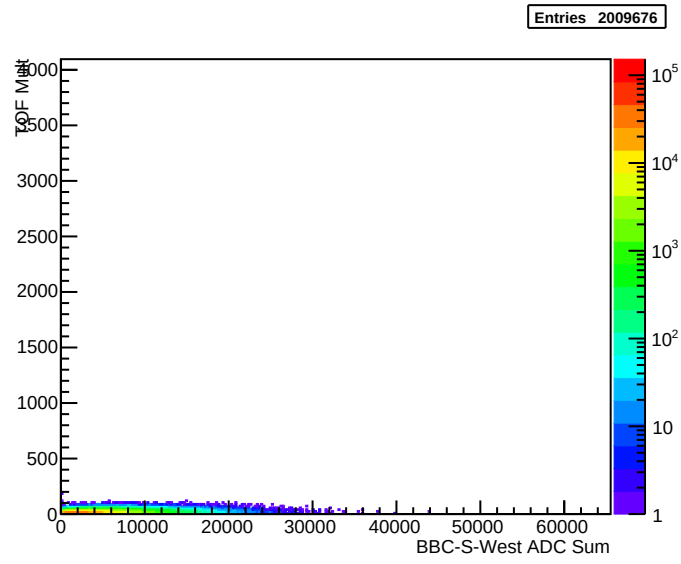
VT201 Input Ch4: VPD Adc Sum Th

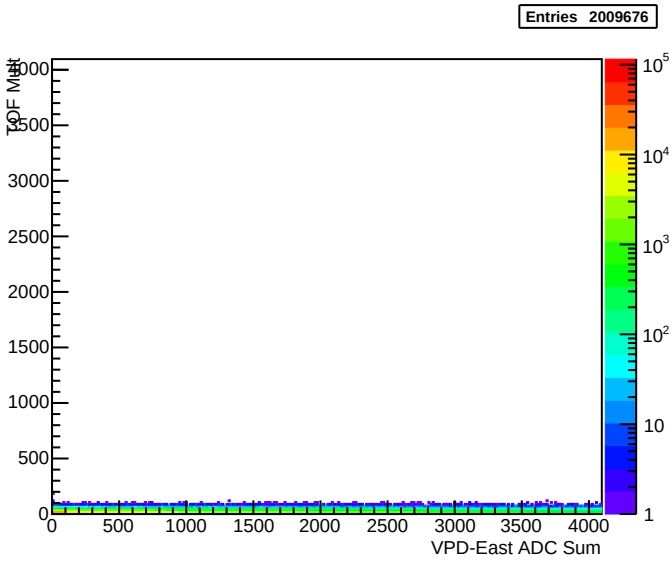


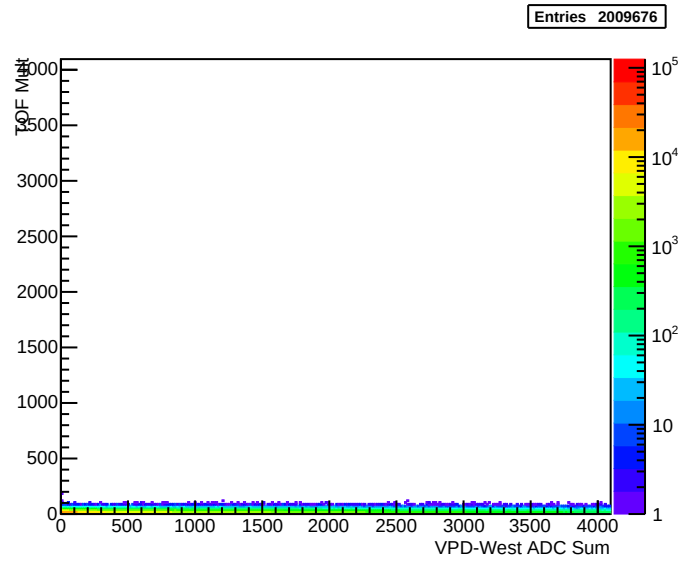
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

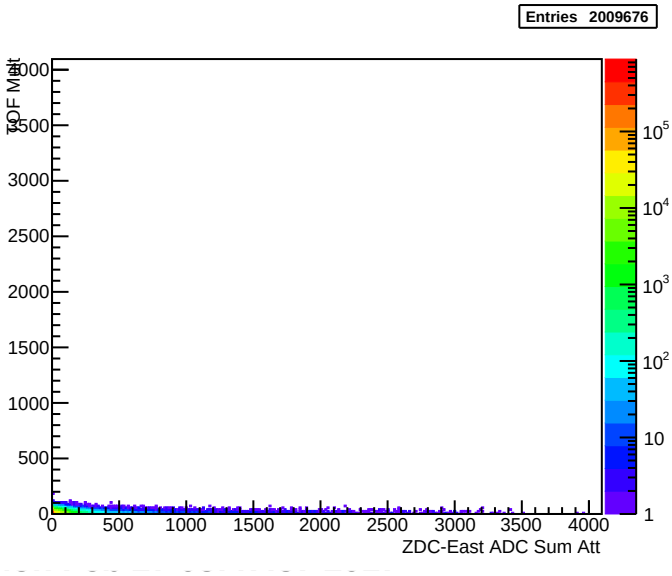


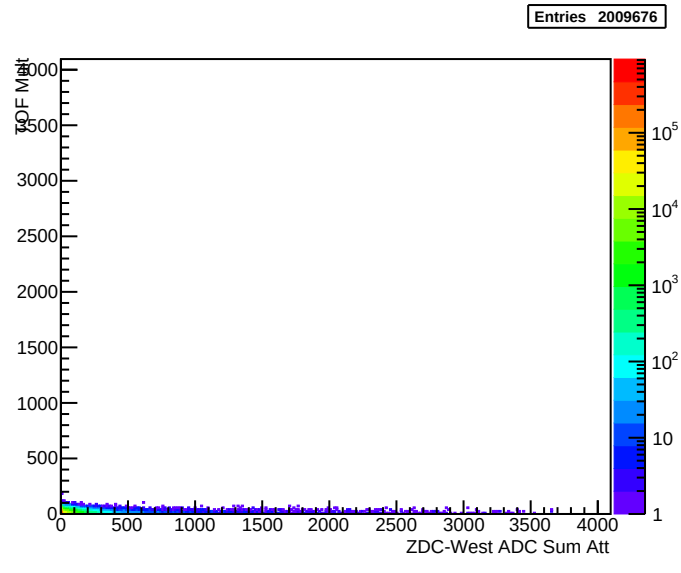

Entries 2009676
TOF Mult
BBC-S-East ADC Sum

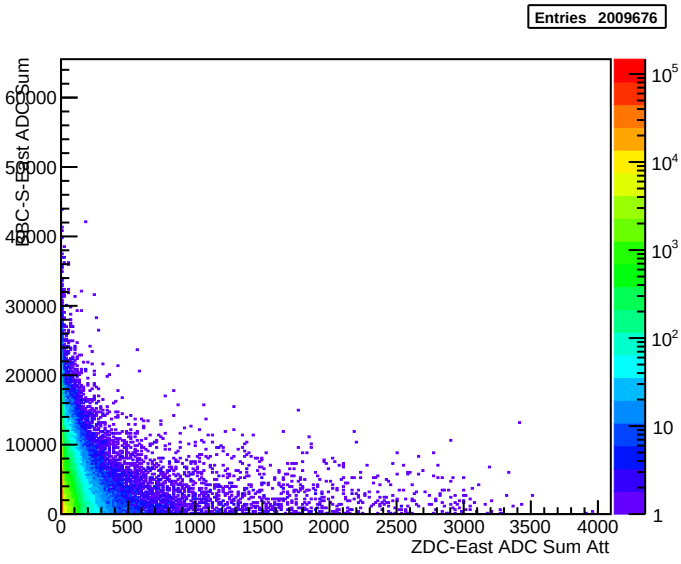

Entries 2009676
TOF Mult
BBC-S-West ADC Sum

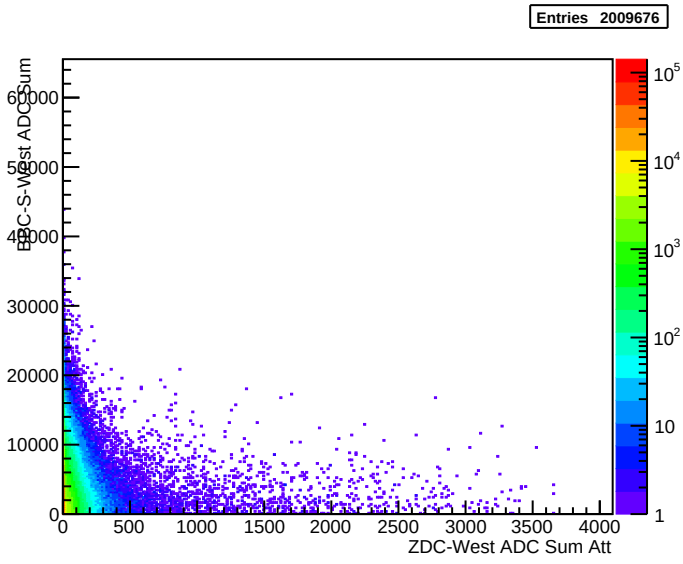

Entries 2009676
TOF Mult
VPD-East ADC Sum

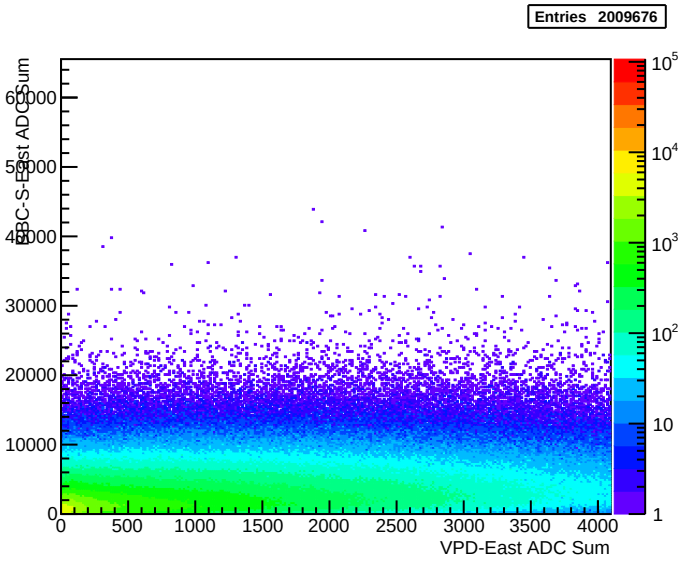

Entries 2009676
TOF Mult
VPD-West ADC Sum

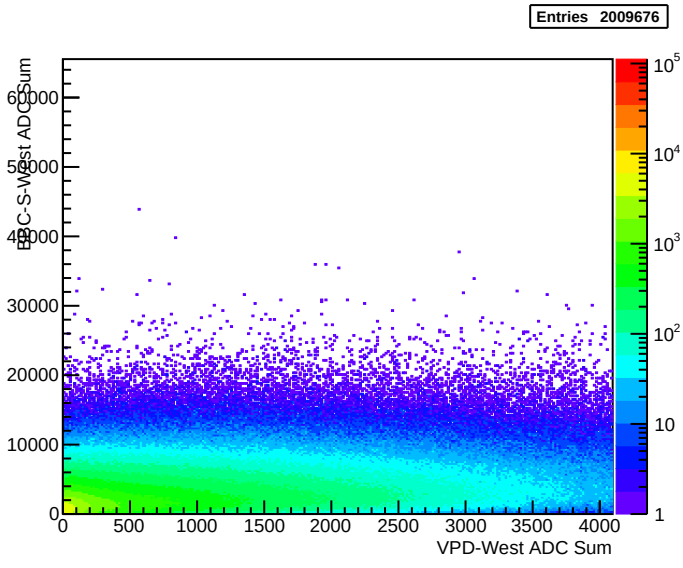

Entries 2009676
TOF Mult
ZDC-East ADC Sum Att

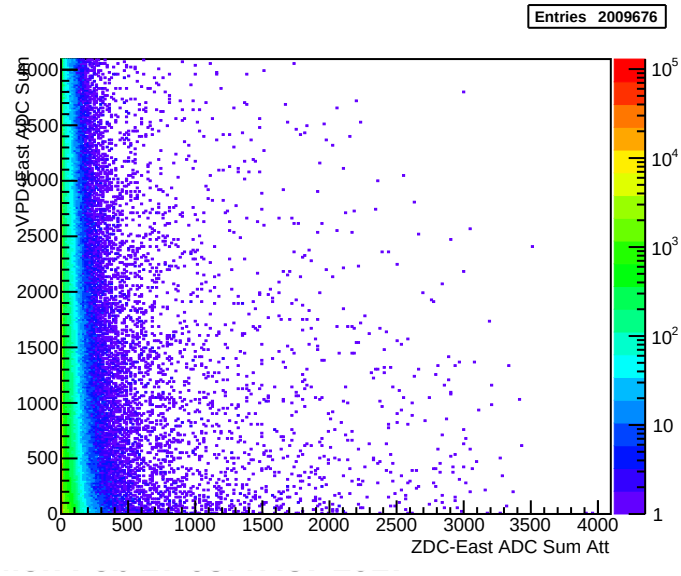

Entries 2009676
TOF Mult
ZDC-West ADC Sum Att

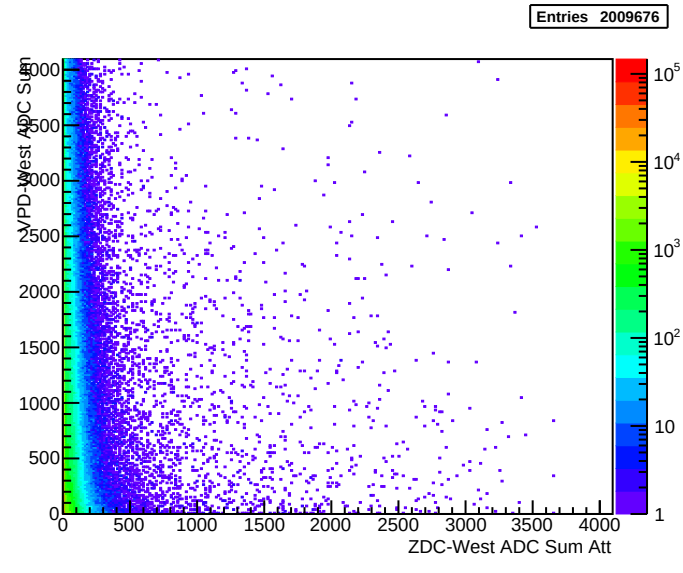

Entries 2009676
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

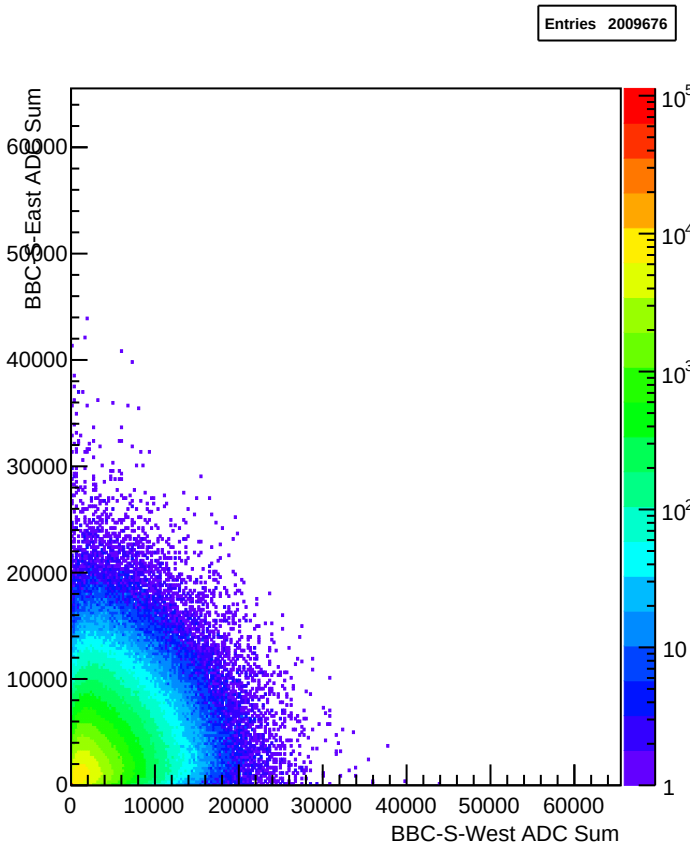

Entries 2009676
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

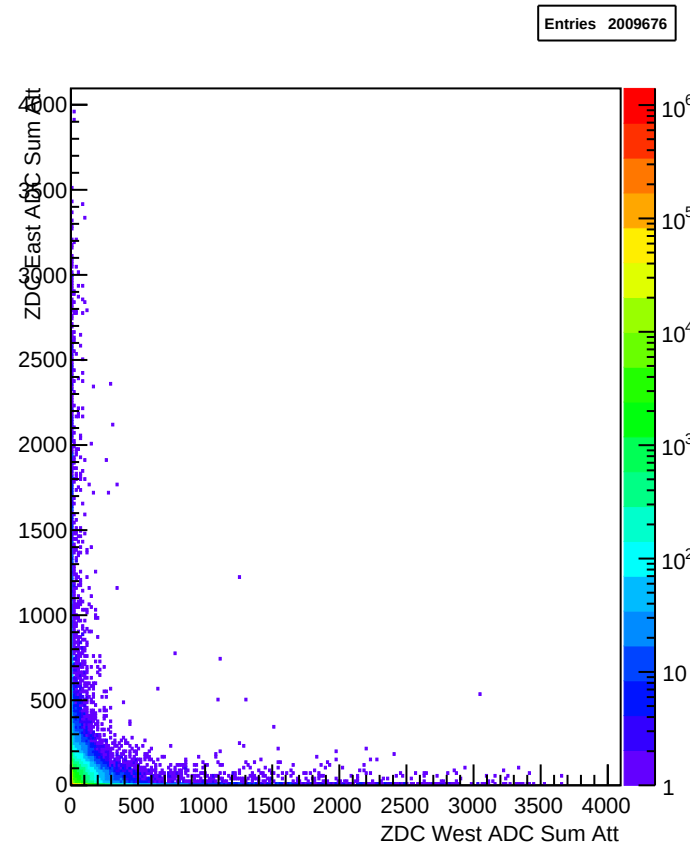

Entries 2009676
BBC-S-East ADC Sum
VPD-East ADC Sum

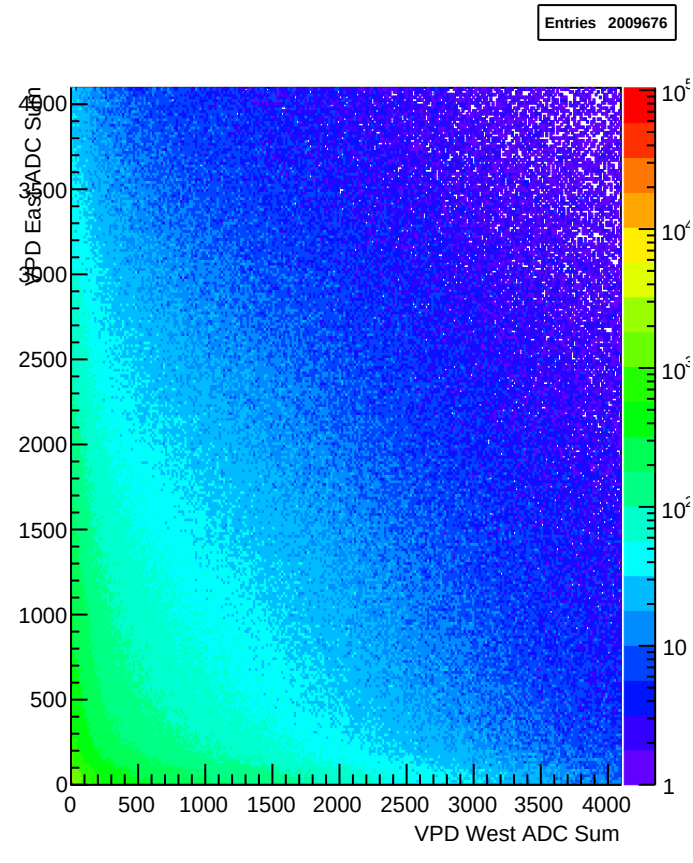

Entries 2009676
BBC-S-West ADC Sum
VPD-West ADC Sum

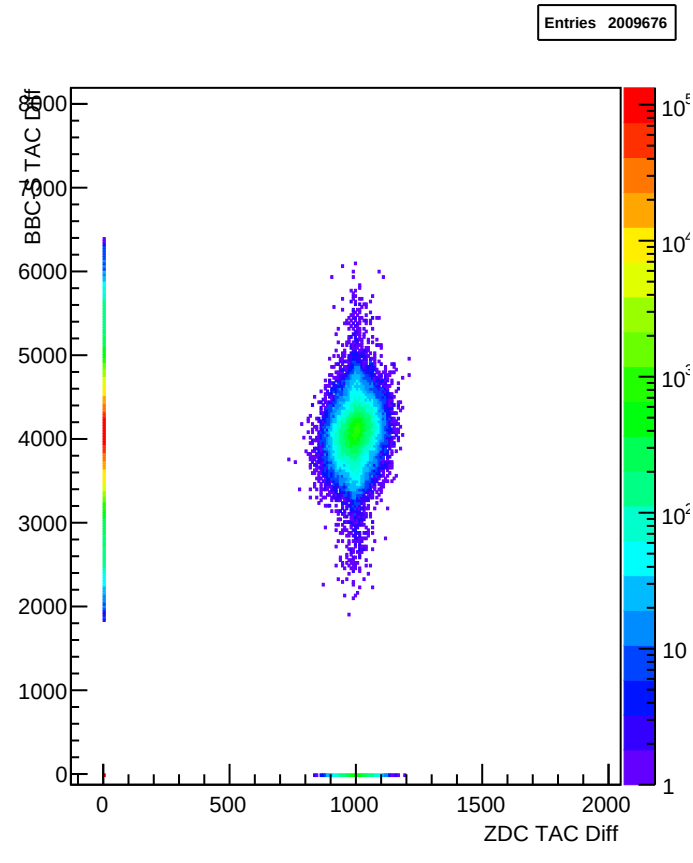

Entries 2009676
VPD-East ADC Sum
ZDC-East ADC Sum Att

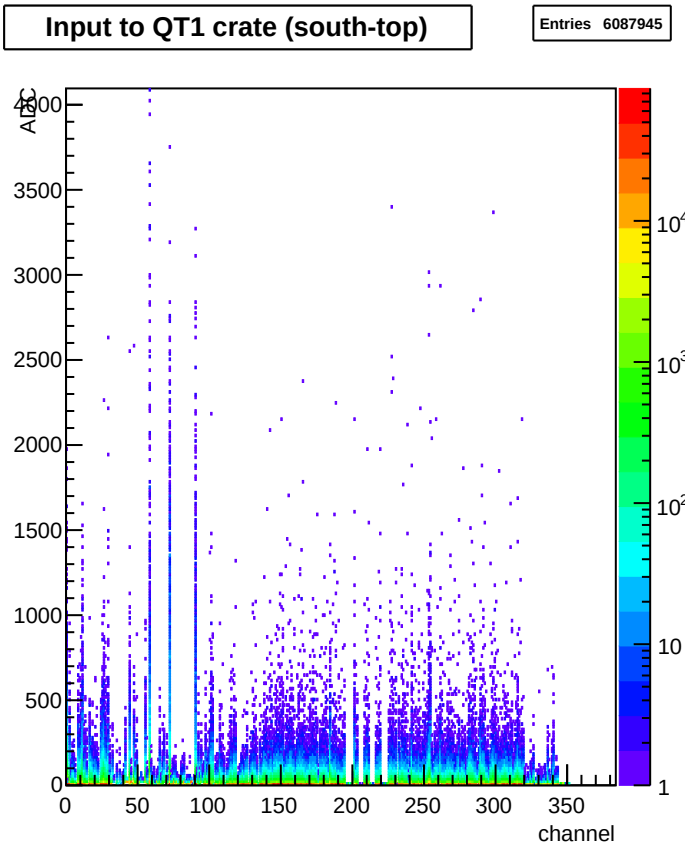

Entries 2009676
VPD-West ADC Sum
ZDC-West ADC Sum Att

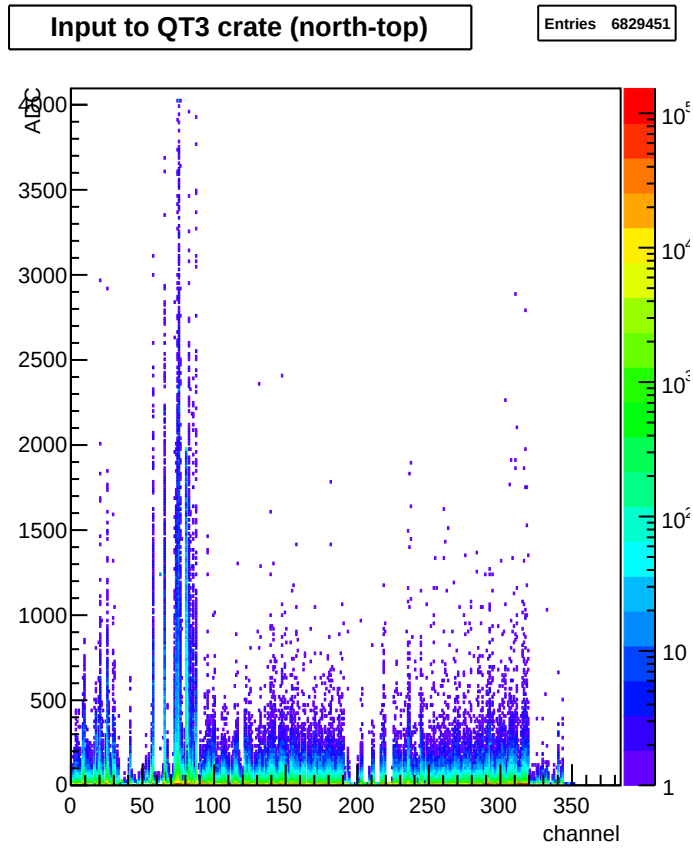

Entries 2009676
BBC-S-East ADC Sum
BBC-S-West ADC Sum

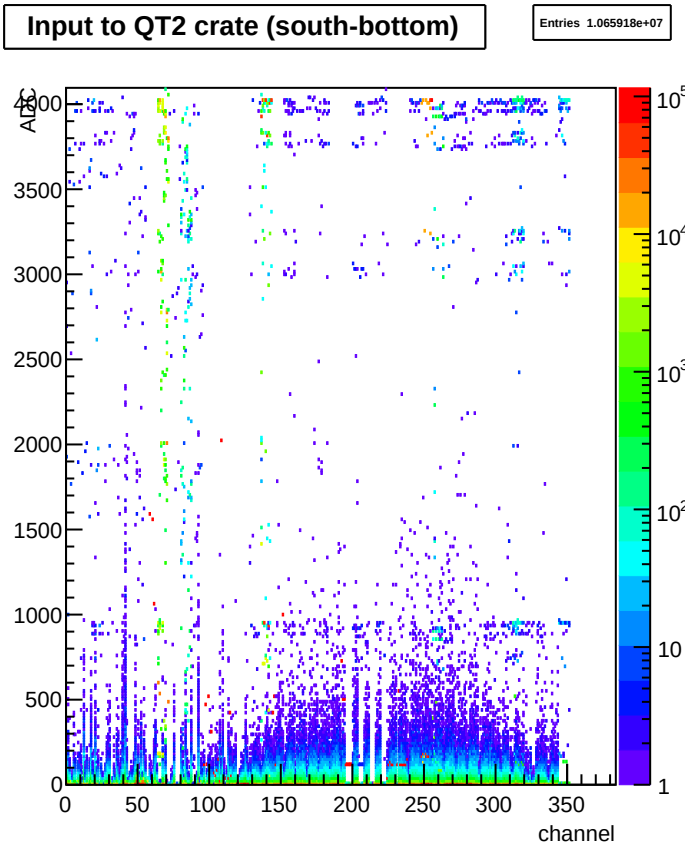

Entries 2009676
ZDC East ADC Sum Att
ZDC West ADC Sum Att

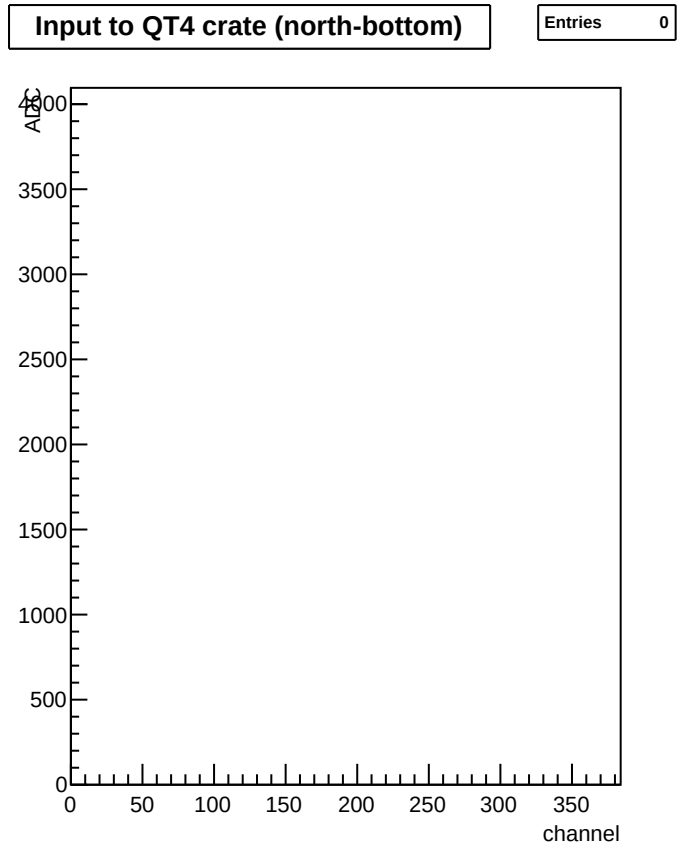

Entries 2009676
VPD East ADC Sum
VPD West ADC Sum

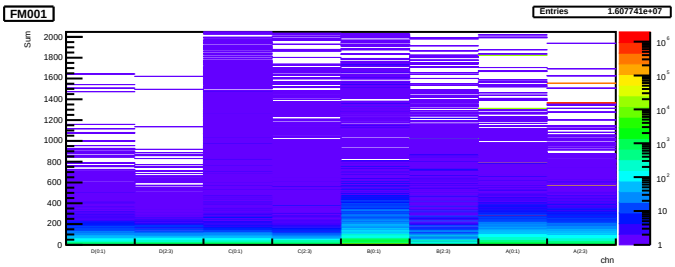

Entries 2009676
BBC-S TAC Diff
ZDC TAC Diff

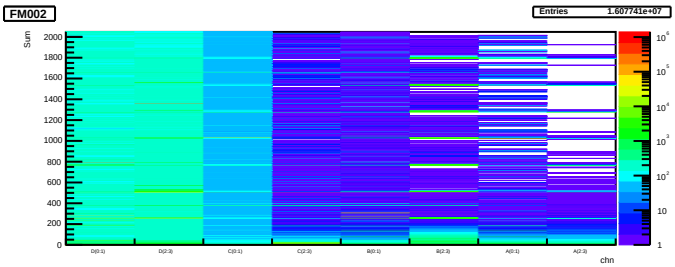

Input to QT1 crate (south-top)
Entries 6087945
ADC
channel

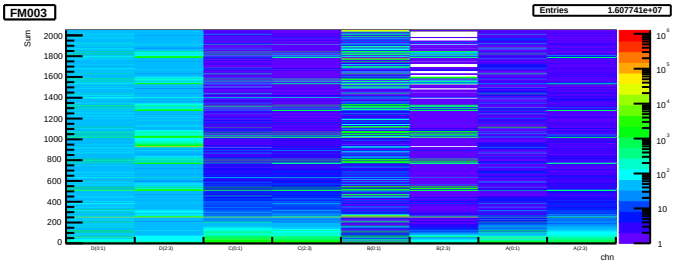

Input to QT3 crate (north-top)
Entries 6829451
ADC
channel

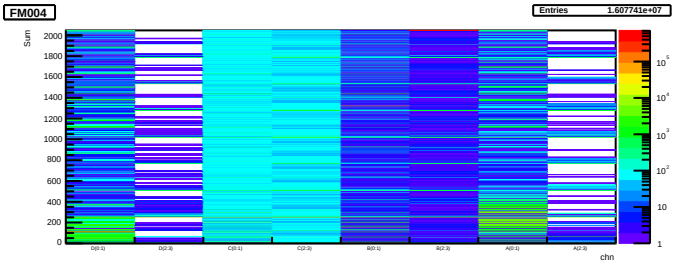

Input to QT2 crate (south-bottom)
Entries 1.065918e+07
ADC
channel

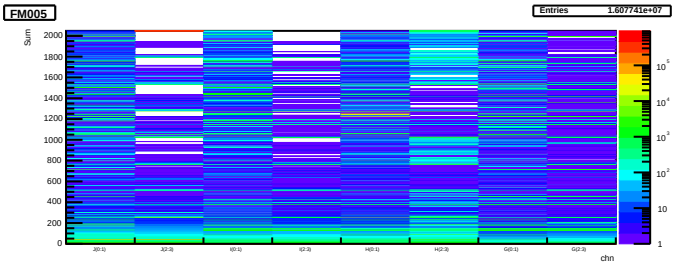

Input to QT4 crate (north-bottom)
Entries 0
ADC
channel

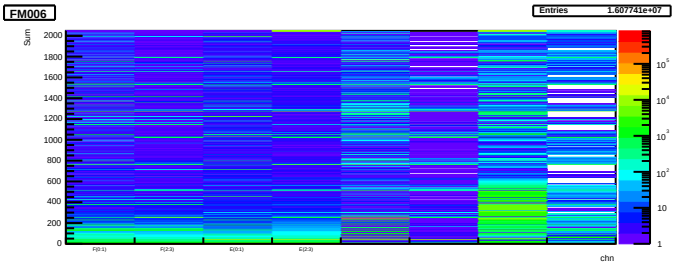

FM001
Entries 1.607741e+07
Sum
chn


FM002
Entries 1.607741e+07
Sum
chn


FM003
Entries 1.607741e+07
Sum
chn


FM004
Entries 1.607741e+07
Sum
chn


FM005
Entries 1.607741e+07
Sum
chn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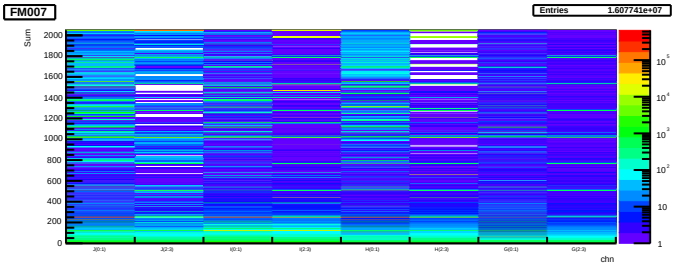
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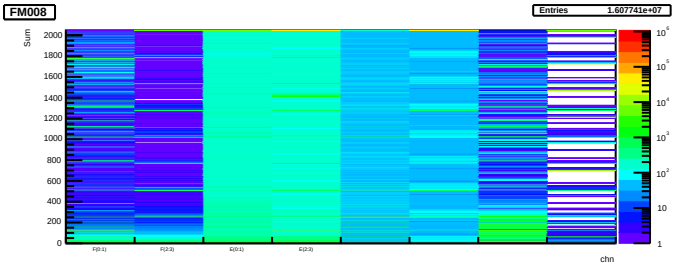
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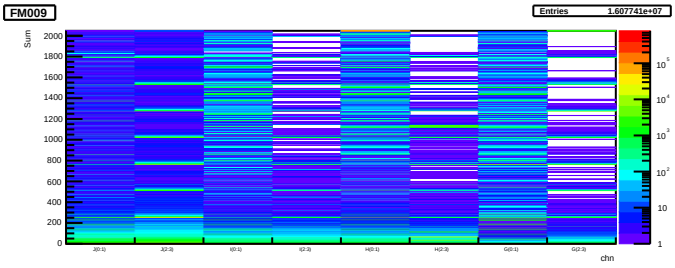
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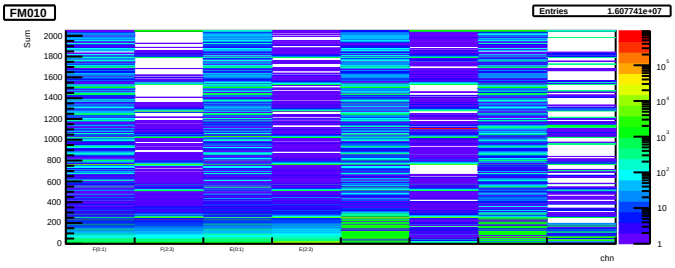
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Entries 1.607741e+07
Sum
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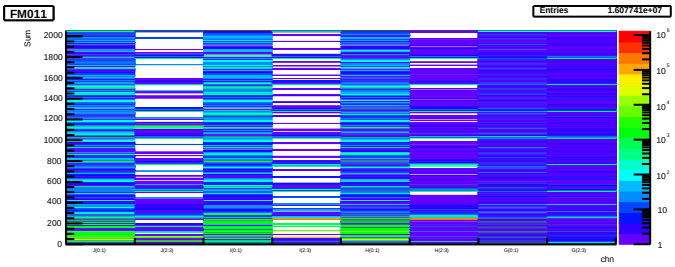
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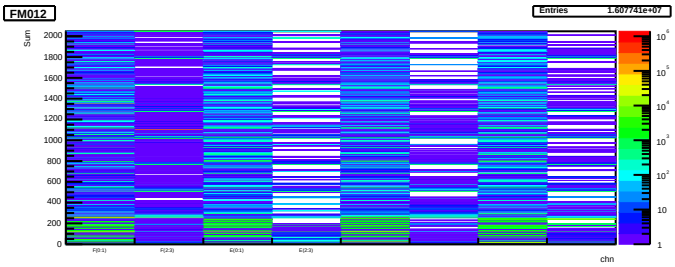
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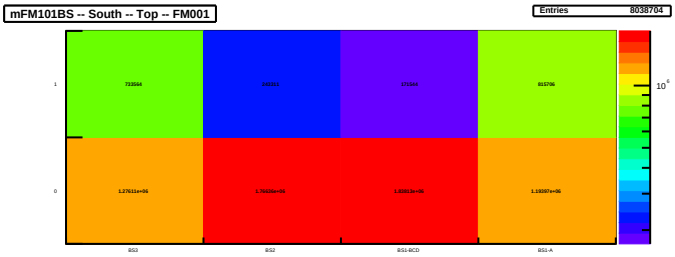
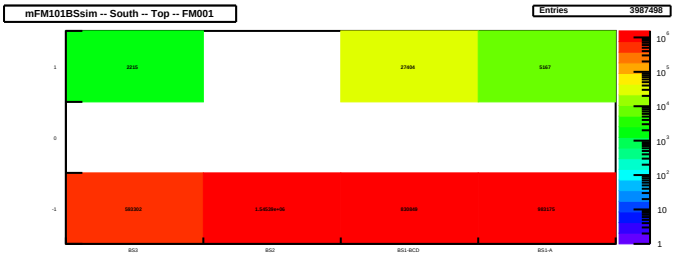

mFM101BS -- South -- Top -- FM001
Entries 8038704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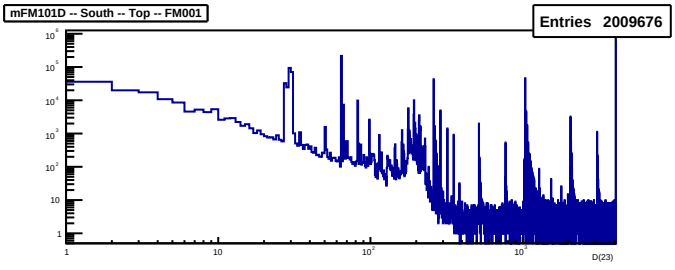
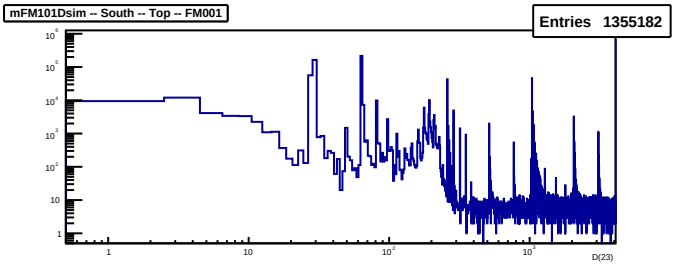
Entries 3987498


mFM101D -- South -- Top -- FM001
Entries 2009676
D(23)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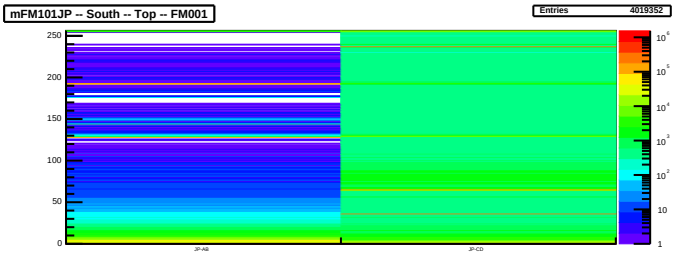
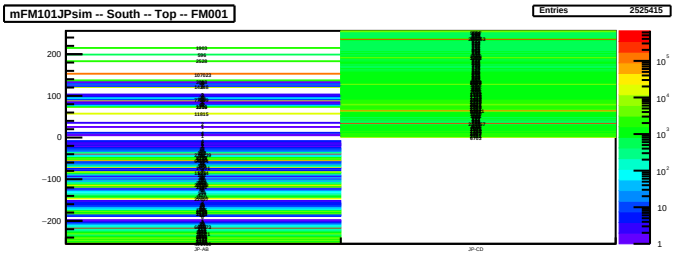
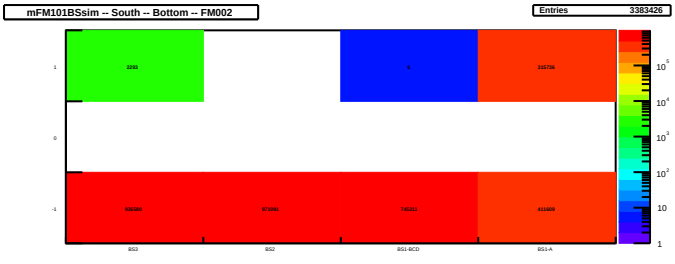
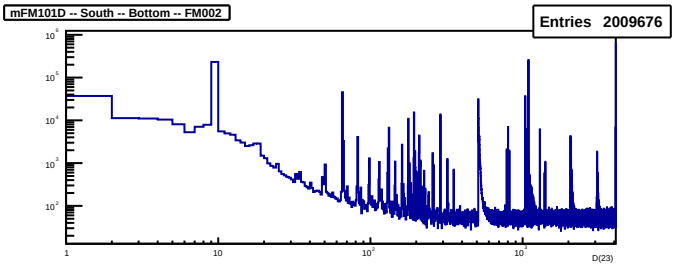
Entries 1355182
D(23)

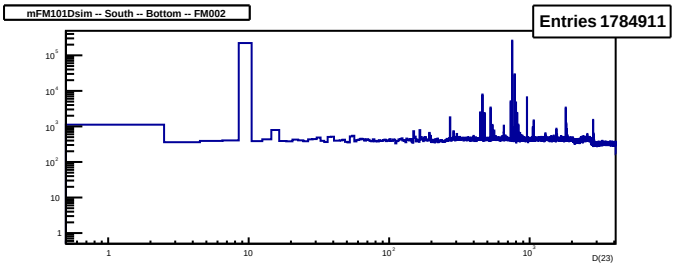

mFM101JP -- South -- Top -- FM001
Entries 4019352

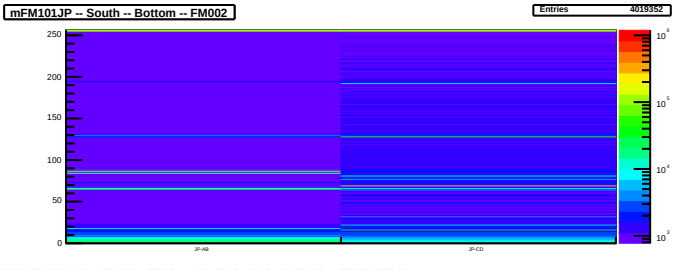

mFM101JPsim -- South -- Top -- FM001
Entries 2525415

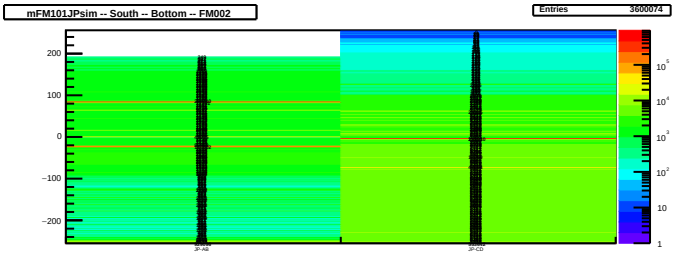
mFM101BS -- South -- Bottom -- FM002
Entries 8038704

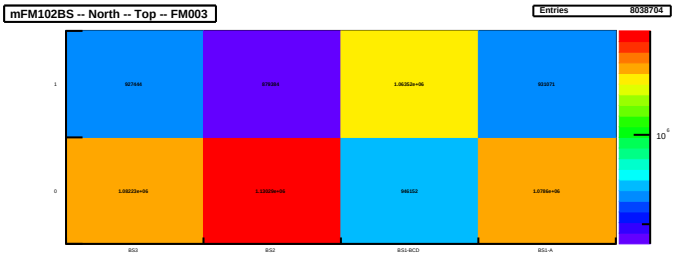

mFM101BSsim -- South -- Bottom -- FM002
Entries 3383426


mFM101D -- South -- Bottom -- FM002
Entries 2009676
D(23)


mFM101Dsim -- South -- Bottom -- FM002
Entries 1784911
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 4019352


mFM101JPsim -- South -- Bottom -- FM002
Entries 3600074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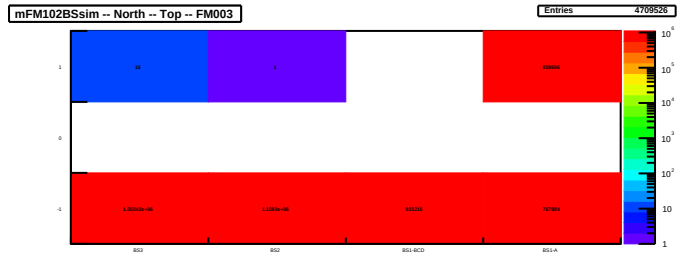
Entries 8038704
BS3
BS2
BS1-BCD
BS1-A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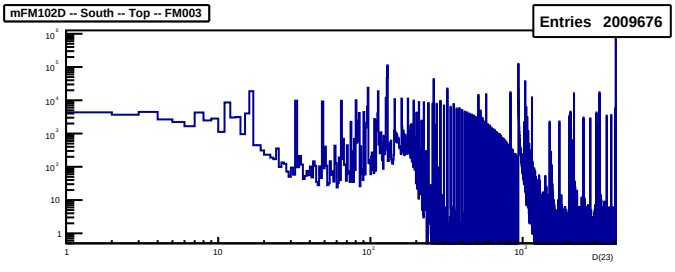
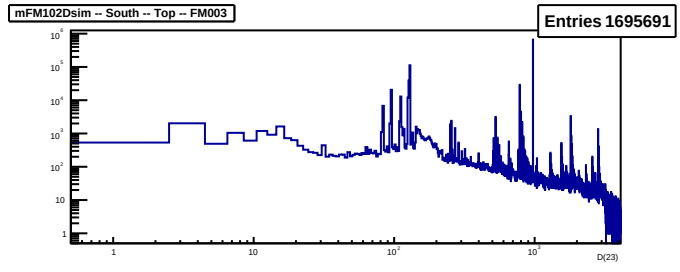
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 2009676
D(23)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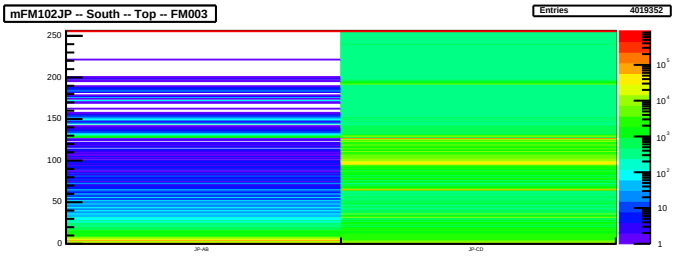
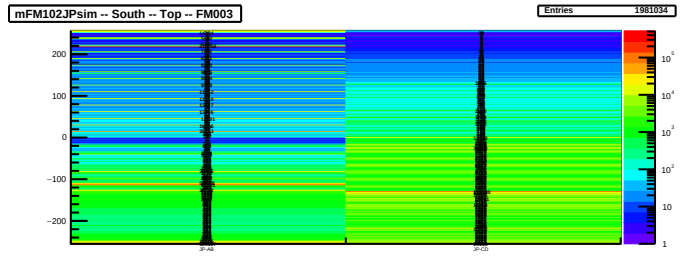
D(23)


mFM102JP -- South -- Top -- FM003
Entries 4019352
JP-AB
JP-CD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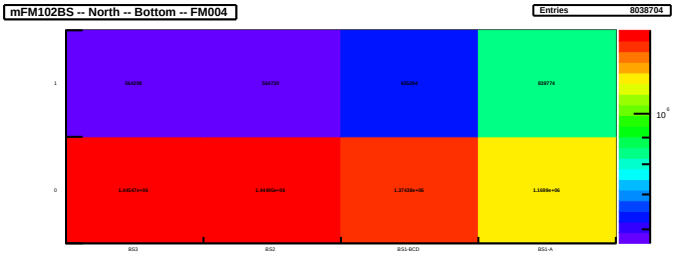
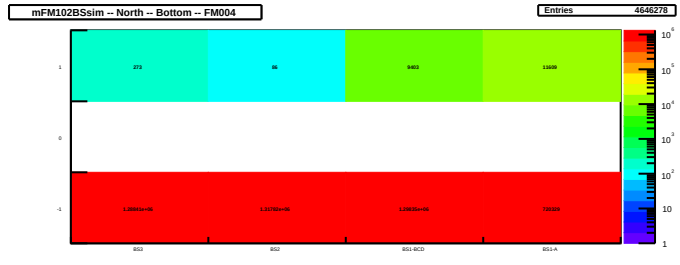
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 8038704
BS3
BS2
BS1-BCD
BS1-A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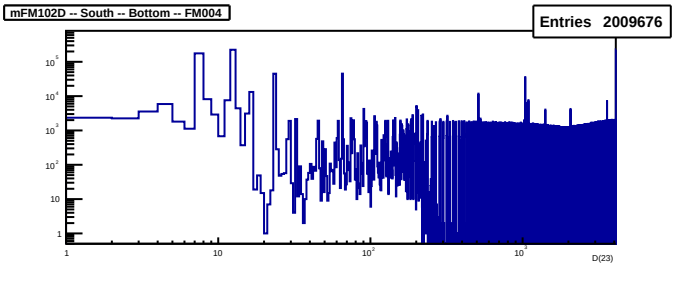
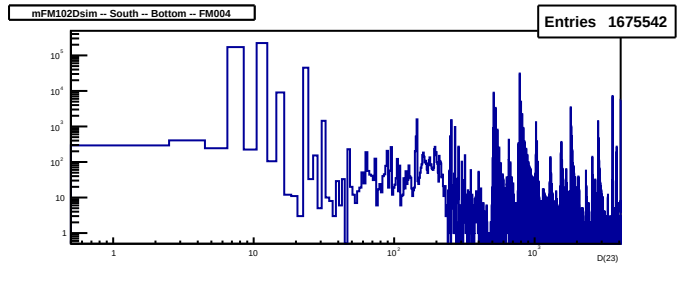
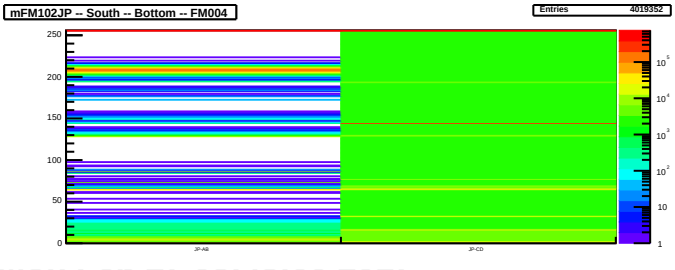
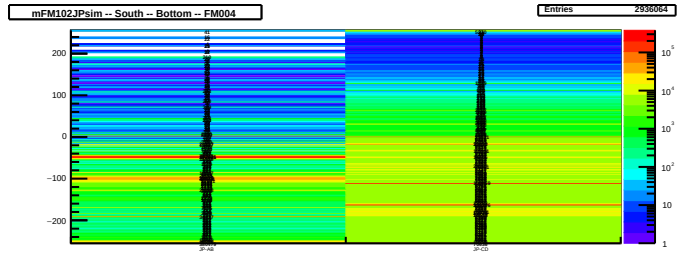
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 2009676
D(23)


mFM102Dsim -- South -- Bottom -- FM004
Entries 1675542
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 4019352
JP-AB
JP-CD


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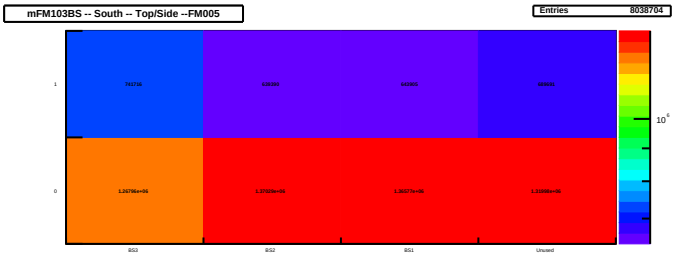
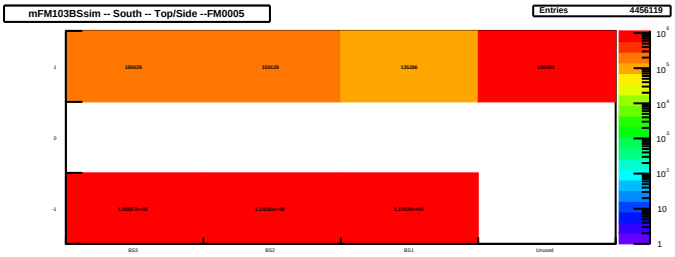
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 8038704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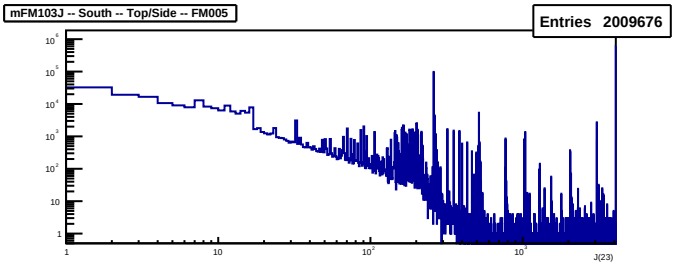
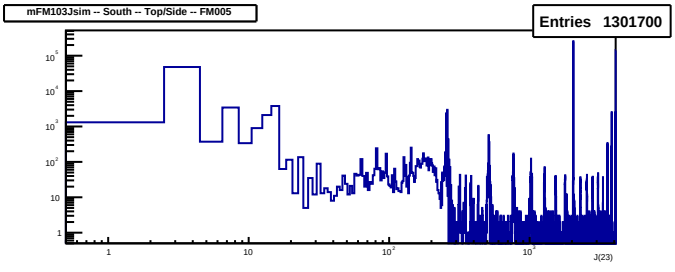

mFM103J -- South -- Top/Side -- FM005
Entries 2009676
J(23)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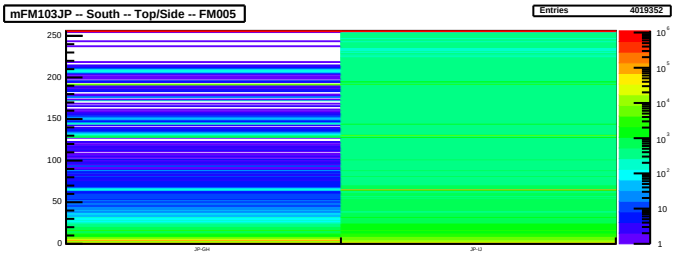
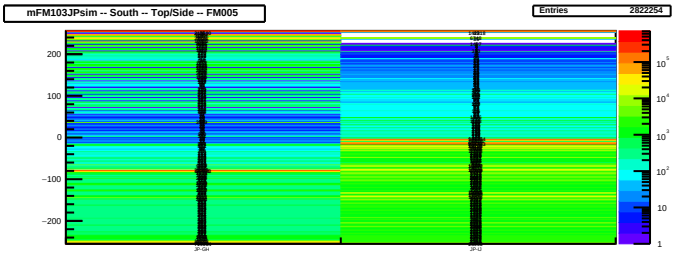
Entries 1301700
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 4019352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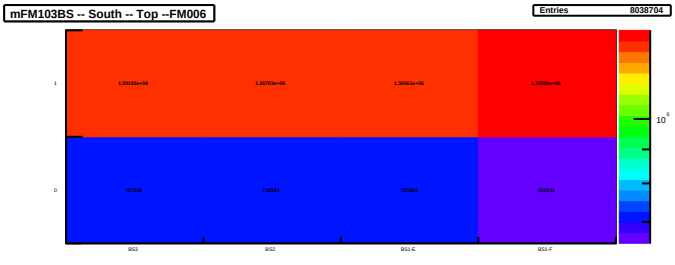
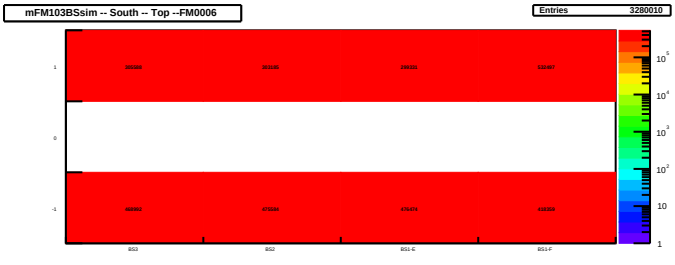
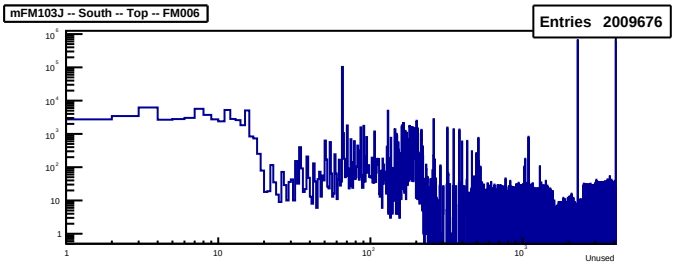
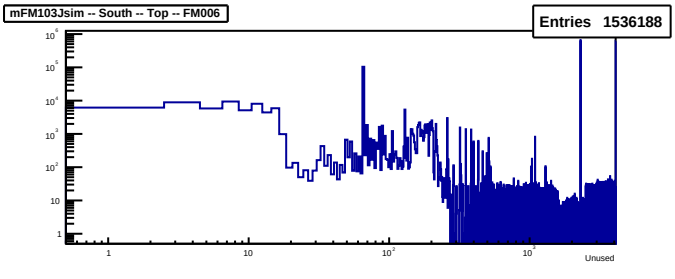

mFM103BS -- South -- Top --FM006
Entries 8038704


mFM103BSsim -- South -- Top --FM0006
Entries 3280010


mFM103J -- South -- Top -- FM006
Entries 2009676
Unused


mFM103Jsim -- South -- Top -- FM006
Entries 1536188
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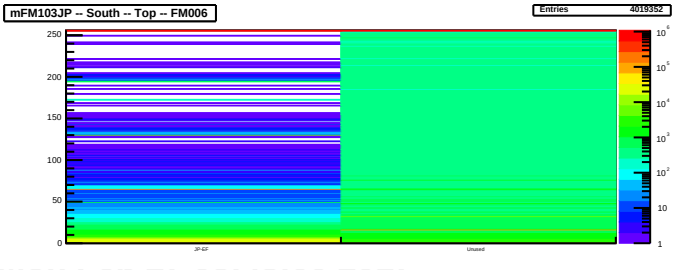
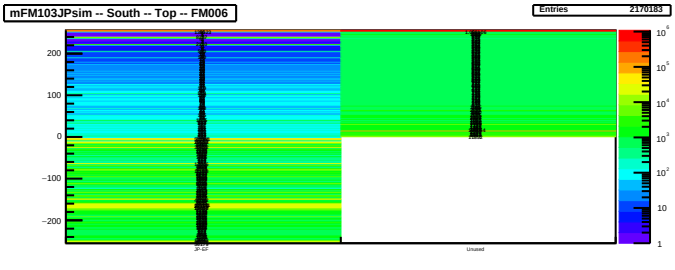
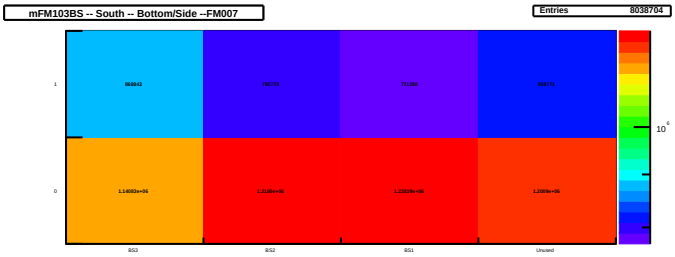
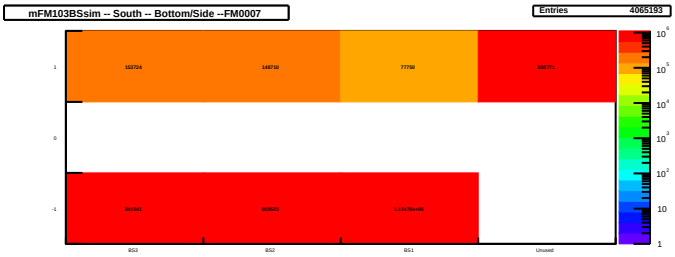

mFM103JP -- South -- Top -- FM006
Entries 4019352


mFM103JPsim -- South -- Top -- FM006
Entries 2170183


mFM103BS -- South -- Bottom/Side --FM007
Entries 8038704
BS3
BS2
BS1
Unused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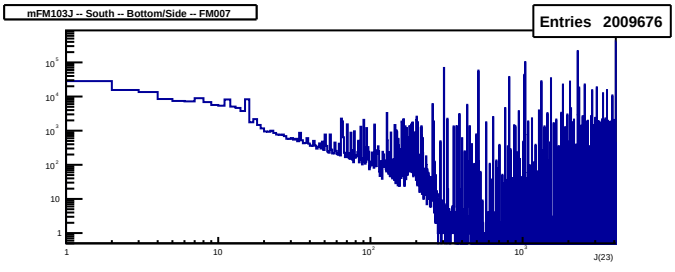
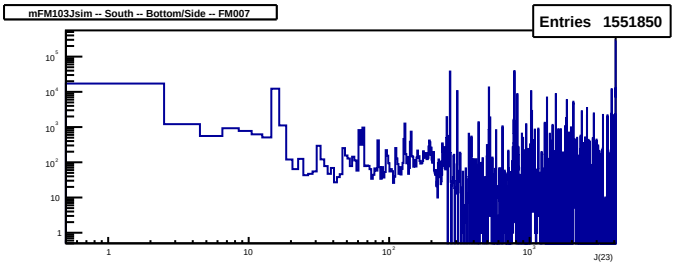
Entries 4065193
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 2009676
J(23)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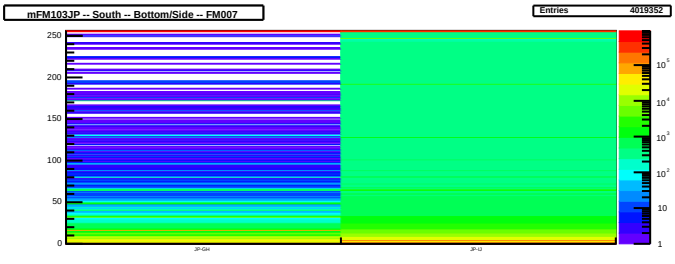
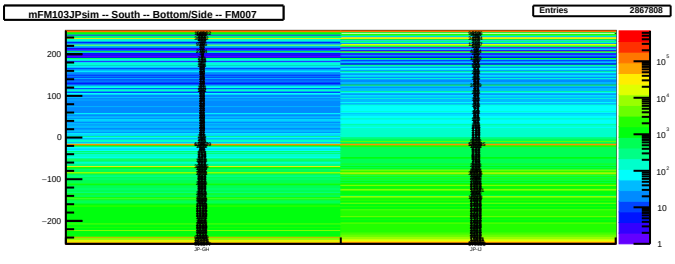
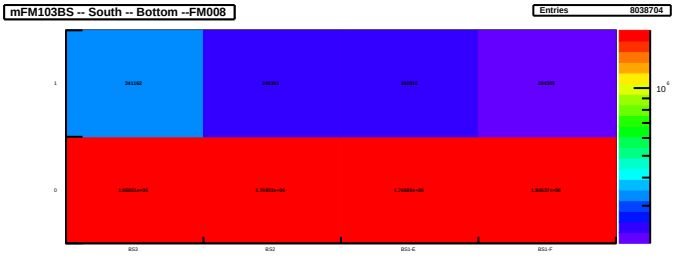
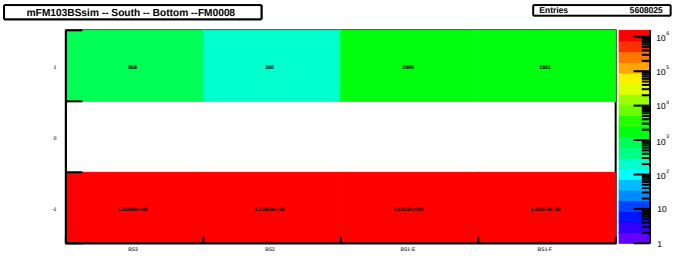
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 4019352
JP-GH
JP-I2


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 2867808
JP-GH
JP-I2


mFM103BS -- South -- Bottom --FM008
Entries 8038704
BS3
BS2
BS1-E
BS1-F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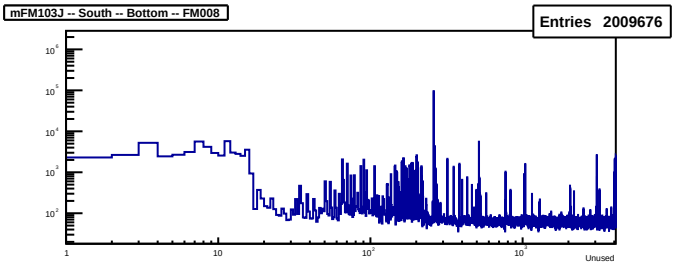
Entries 5608025
BS3
BS2
BS1-E
BS1-F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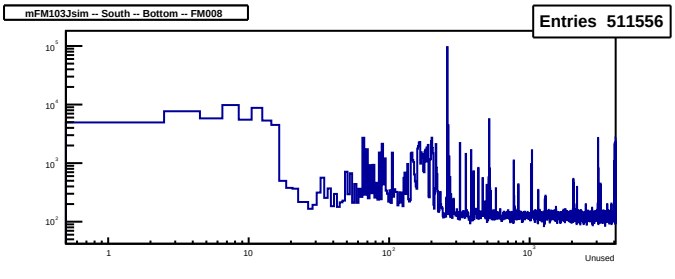
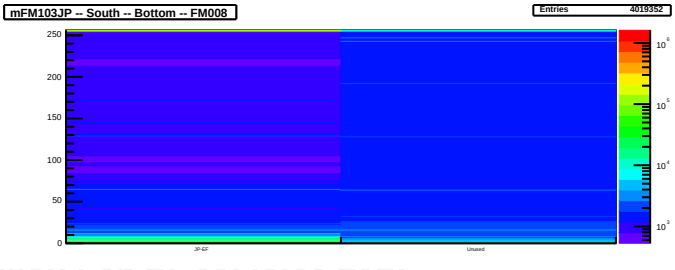
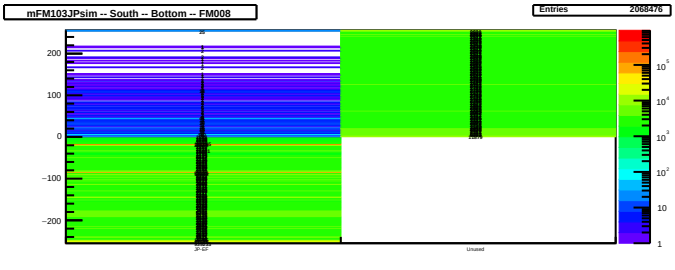
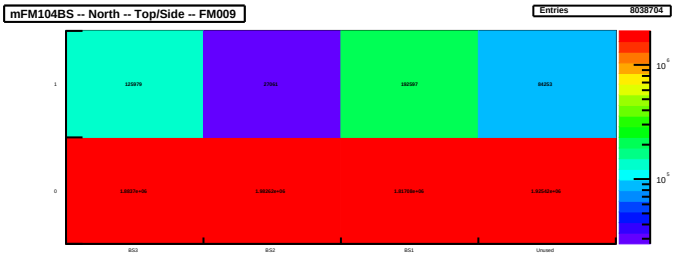
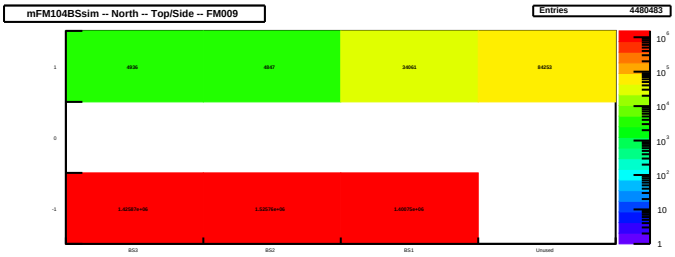
Entries 2009676
Unused

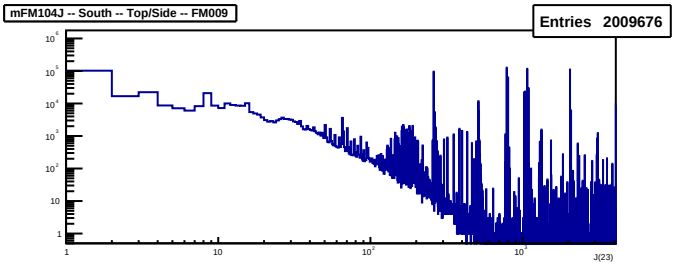

mFM103Jsim -- South -- Bottom -- FM008
Entries 511556
Unused

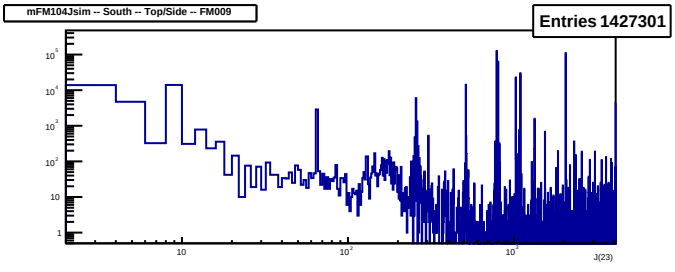

mFM103JP -- South -- Bottom -- FM008
Entries 4019352
JP-EF
Unused


mFM103JPsim -- South -- Bottom -- FM008
Entries 2068476
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 8038704


mFM104BSsim -- North -- Top/Side -- FM009
Entries 4480483


mFM104J -- South -- Top/Side -- FM009
Entries 2009676
J(23)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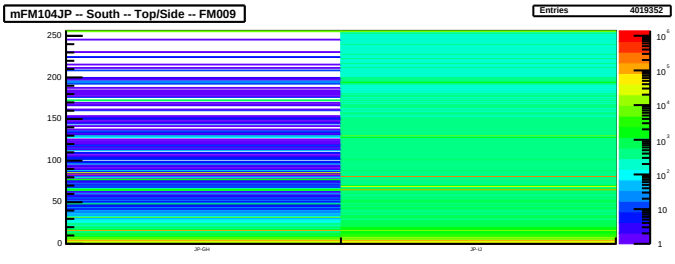
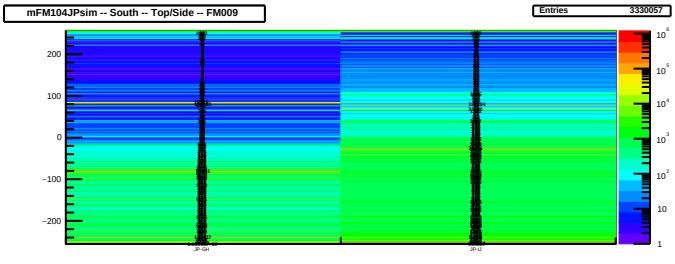
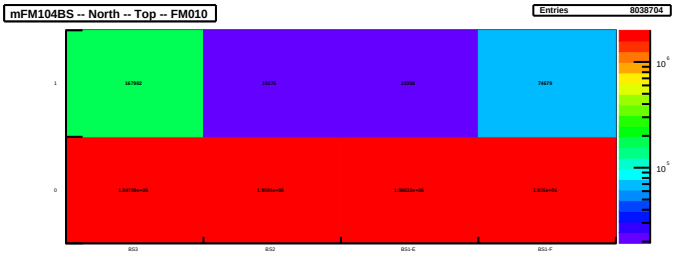
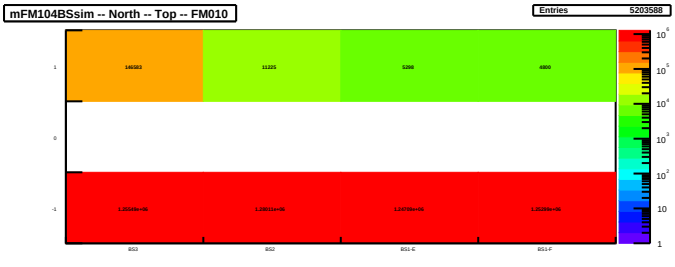
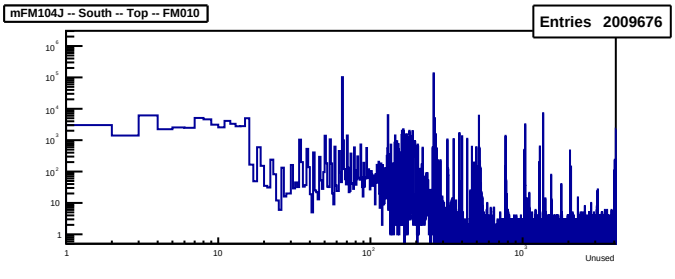
Entries 1427301
J(23)

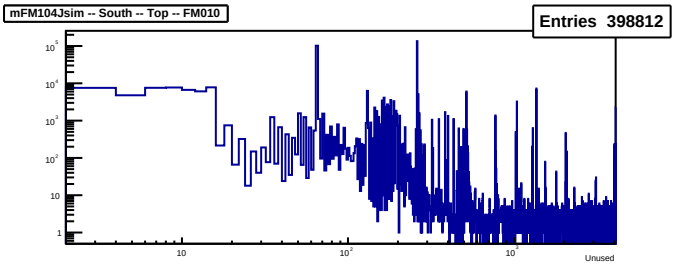

mFM104JP -- South -- Top/Side -- FM009
Entries 4019352

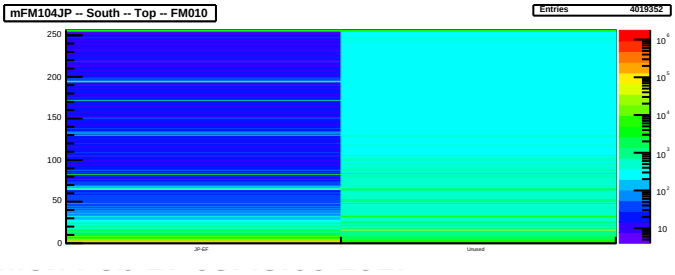

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3330057

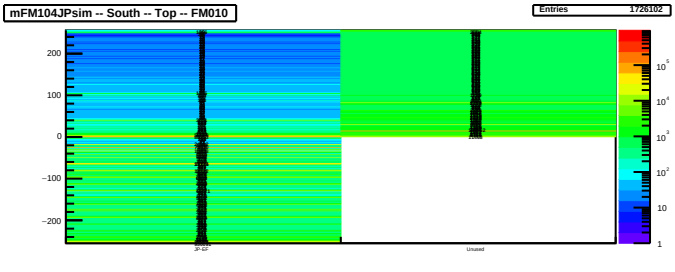

mFM104BS -- North -- Top -- FM010
Entries 8038704

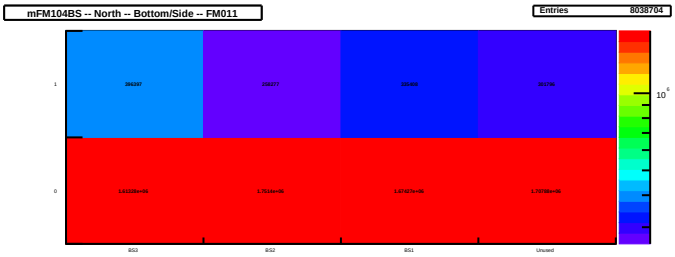

mFM104BSsim -- North -- Top -- FM010
Entries 5203588

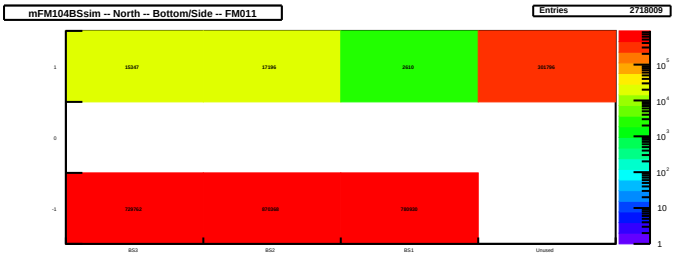

mFM104J -- South -- Top -- FM010
Entries 2009676
Unused

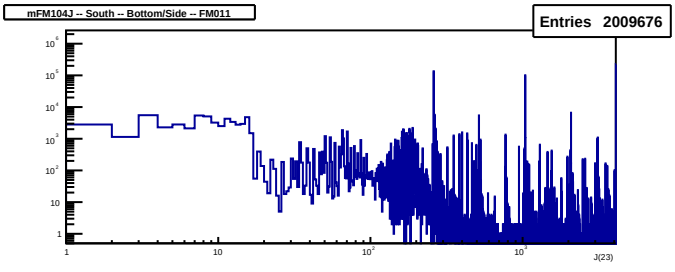

mFM104Jsim -- South -- Top -- FM010
Entries 398812
Unused

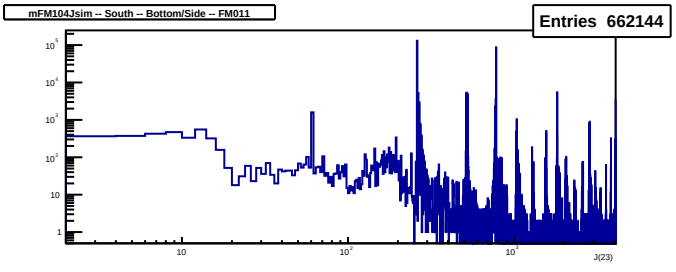

mFM104JP -- South -- Top -- FM010
Entries 4019352

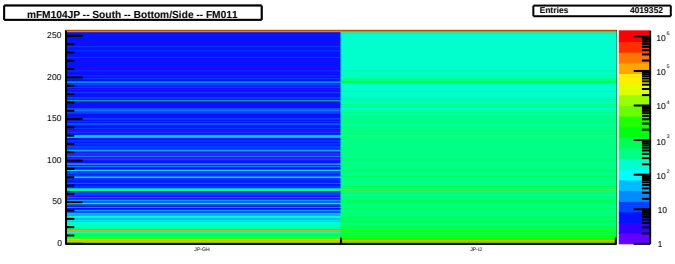

mFM104JPsim -- South -- Top -- FM010
Entries 1726102

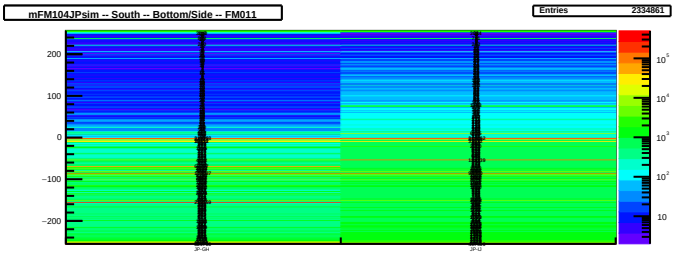

mFM104BS -- North -- Bottom/Side -- FM011
Entries 8038704

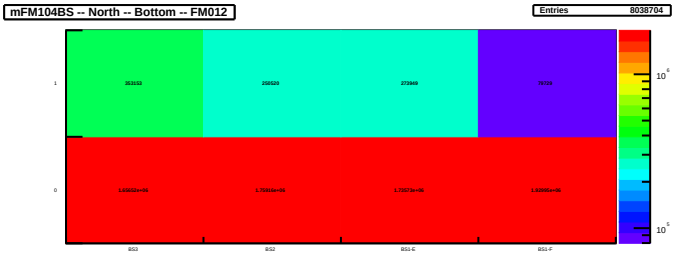

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2718009

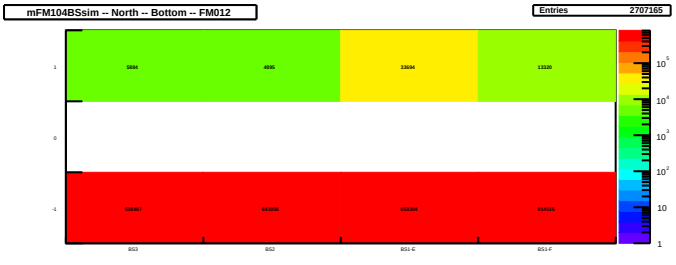

mFM104J -- South -- Bottom/Side -- FM011
Entries 2009676
J(23)

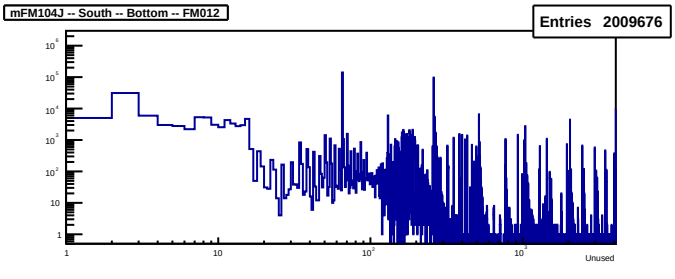

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 662144
J(23)

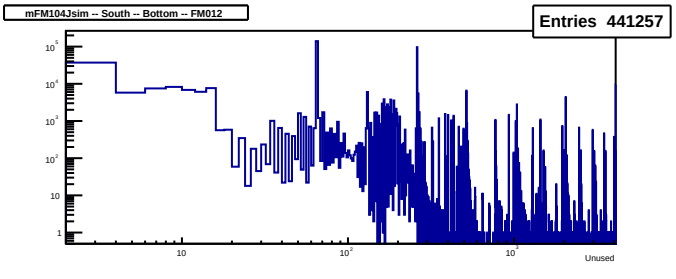

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4019352

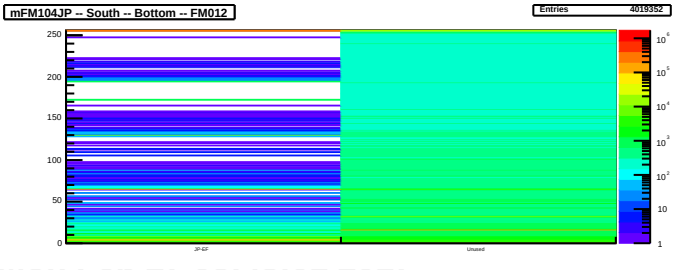

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2334861

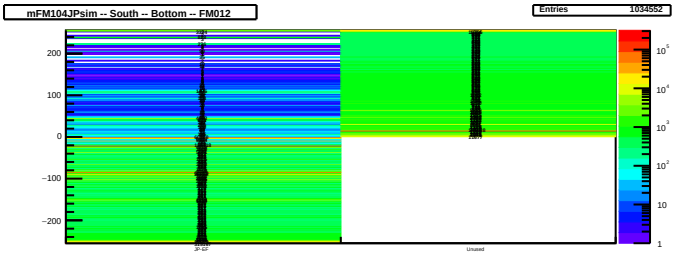

mFM104BS -- North -- Bottom -- FM012
Entries 8038704

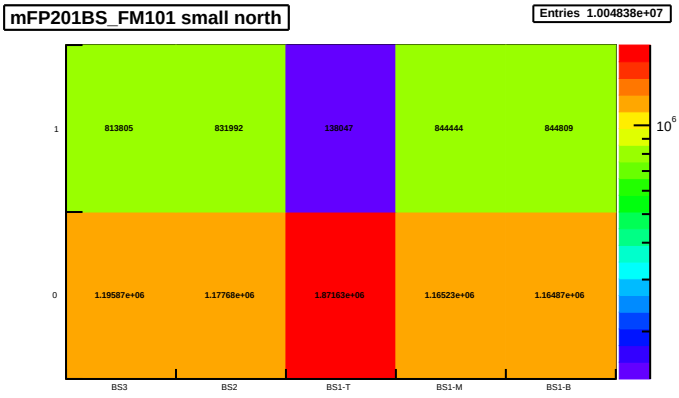

mFM104BSsim -- North -- Bottom -- FM012
Entries 2707165

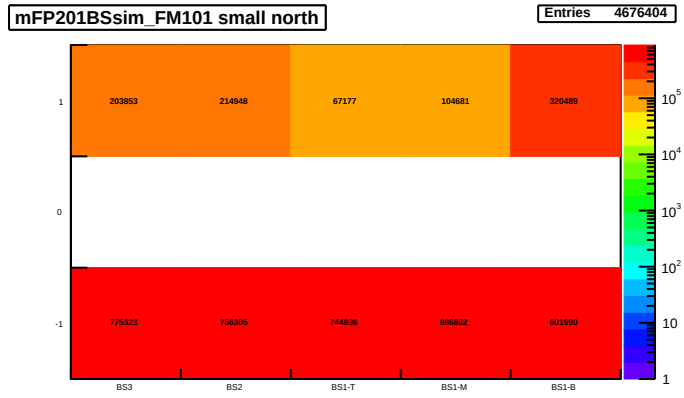

mFM104J -- South -- Bottom -- FM012
Entries 2009676
Unused

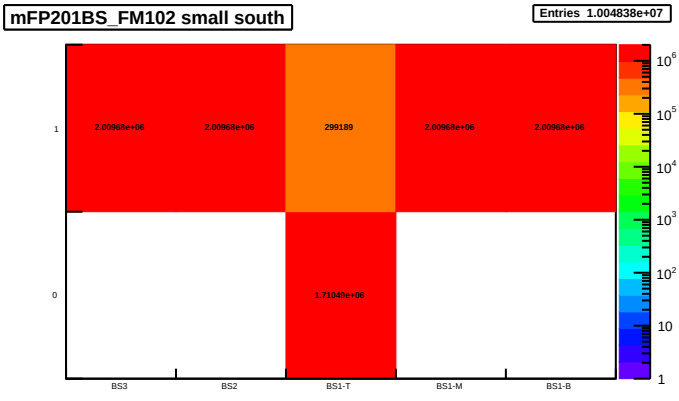

mFM104Jsim -- South -- Bottom -- FM012
Entries 441257
Unused

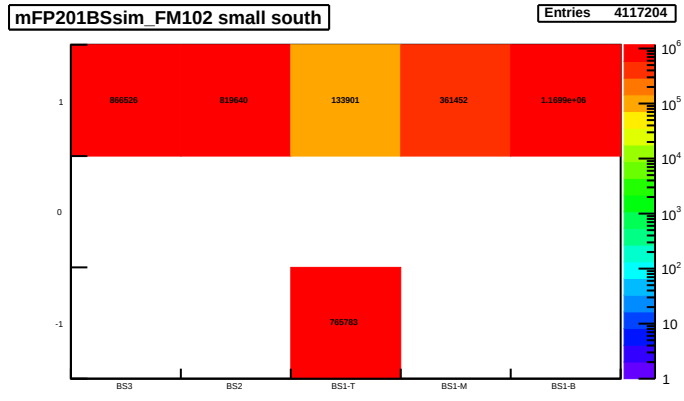

mFM104JP -- South -- Bottom -- FM012
Entries 4019352

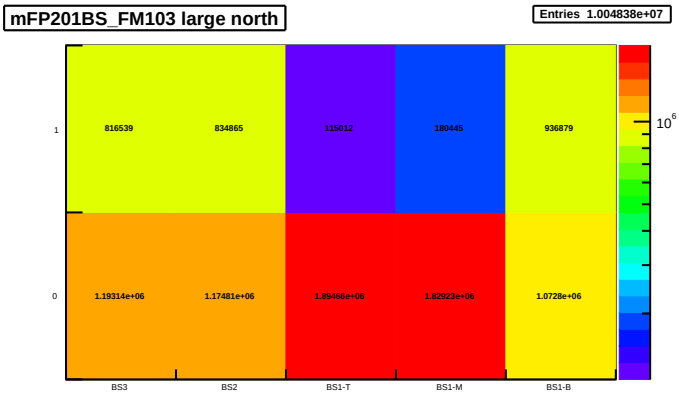

mFM104JPsim -- South -- Bottom -- FM012
Entries 1034552

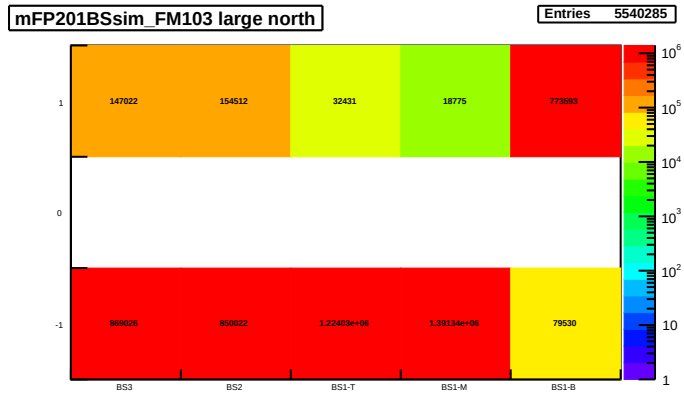

mFP201BS_FM101 small north
Entries 1.004838e+07
813805
831992
138047
844444
844809
1.19587e+06
1.17768e+06
1.87163e+06
1.16523e+06
1.16487e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

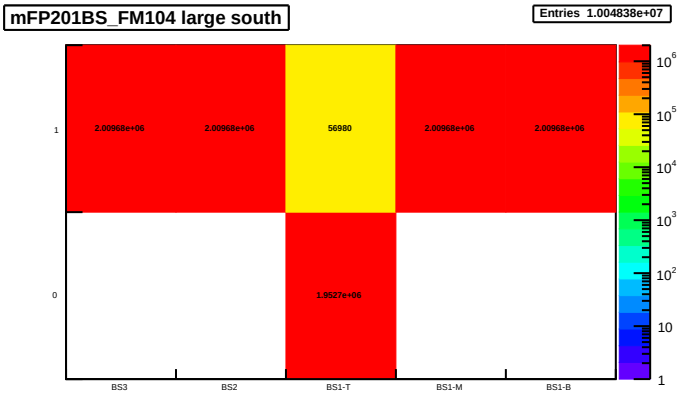

mFP201BSsim_FM101 small north
Entries 4676404
203853
214948
67177
104681
320489
775323
756305
744836
886802
601990
BS3
BS2
BS1-T
BS1-M
BS1-B

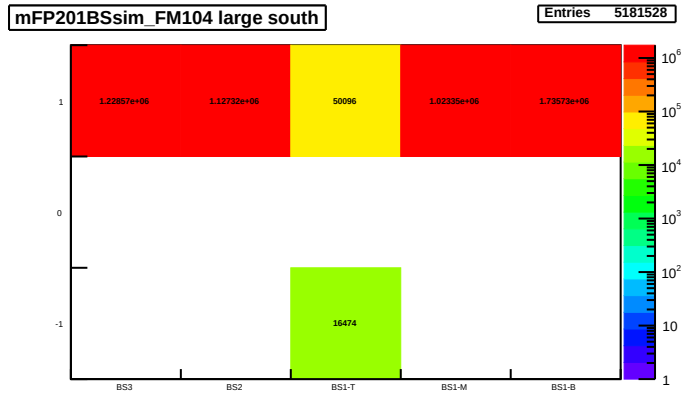

mFP201BS_FM102 small south
Entries 1.004838e+07
2.00968e+06
2.00968e+06
299189
2.00968e+06
2.00968e+06
1.71049e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

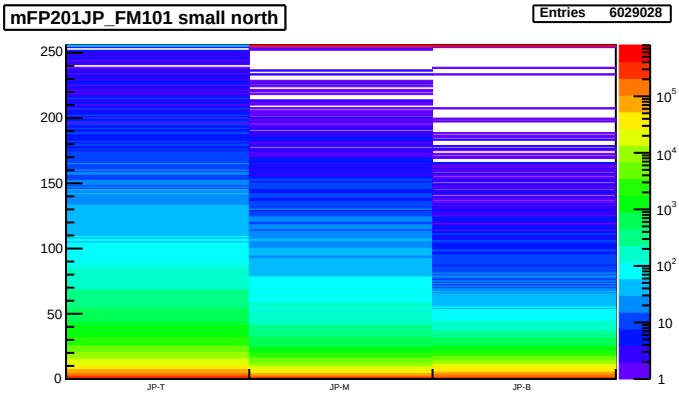

mFP201BSsim_FM102 small south
Entries 4117204
866526
819640
133901
361452
1.1699e+06
765783
BS3
BS2
BS1-T
BS1-M
BS1-B

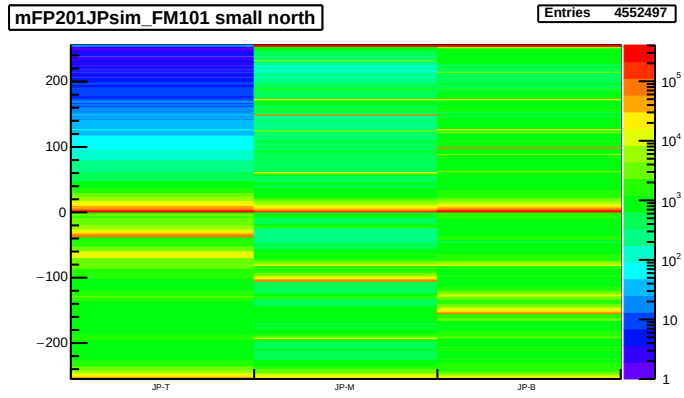

mFP201BS_FM103 large north
Entries 1.004838e+07
816539
834865
115012
180445
936879
1.19314e+06
1.17481e+06
1.89466e+06
1.82923e+06
1.0728e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

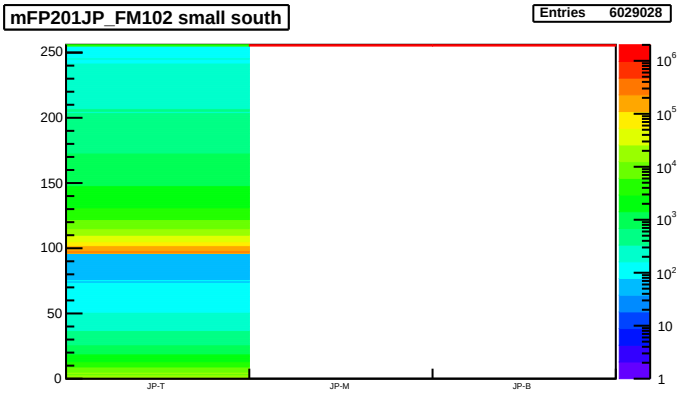

mFP201BSsim_FM103 large north
Entries 5540285
147022
154512
32431
18775
773593
869026
850022
1.22403e+06
1.39134e+06
79530
BS3
BS2
BS1-T
BS1-M
BS1-B

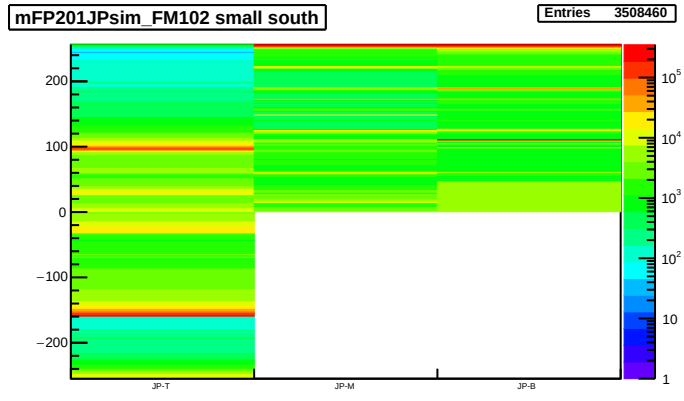

mFP201BS_FM104 large south
Entries 1.004838e+07
2.00968e+06
2.00968e+06
56980
2.00968e+06
2.00968e+06
1.9527e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

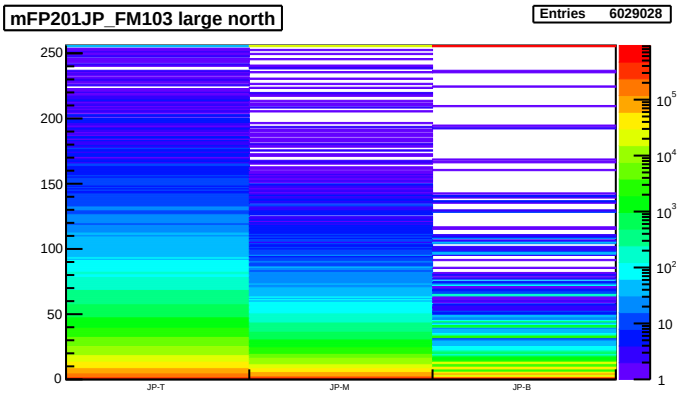

mFP201BSsim_FM104 large south
Entries 5181528
1.22857e+06
1.12732e+06
50096
1.02335e+06
1.73573e+06
16474
BS3
BS2
BS1-T
BS1-M
BS1-B

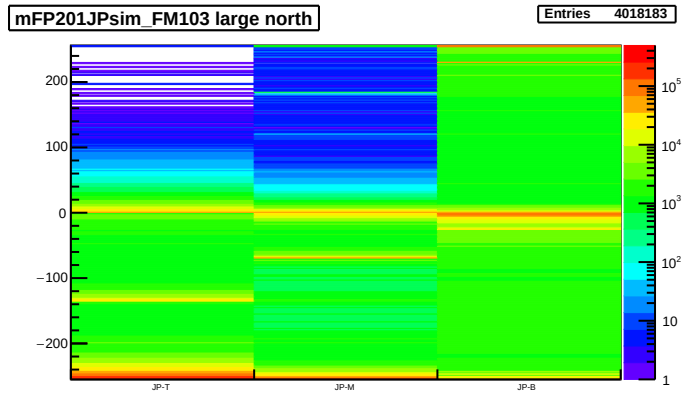

mFP201JP_FM101 small north
Entries 6029028
JP-T
JP-M
JP-B

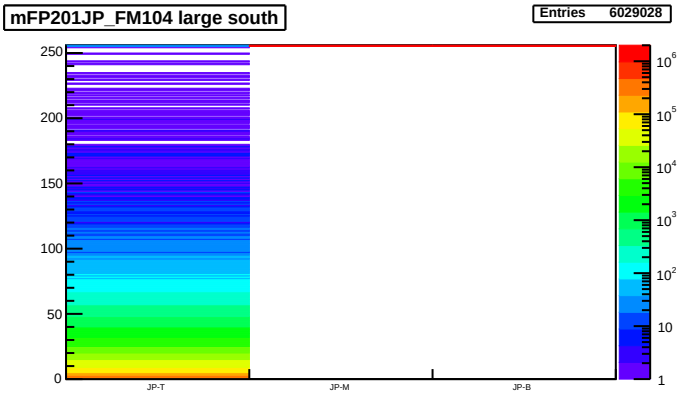

mFP201JPsim_FM101 small north
Entries 4552497
JP-T
JP-M
JP-B

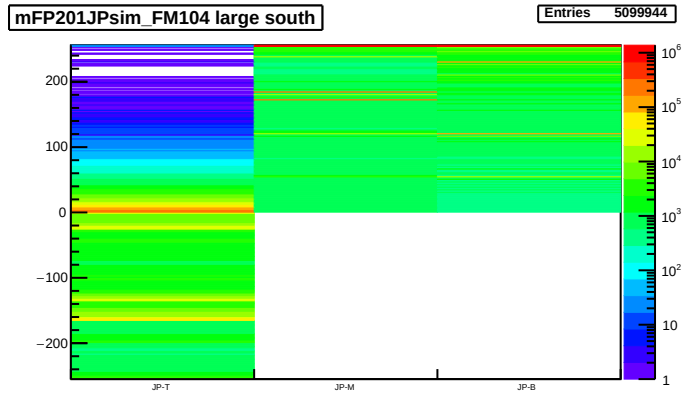

mFP201JP_FM102 small south
Entries 6029028
JP-T
JP-M
JP-B

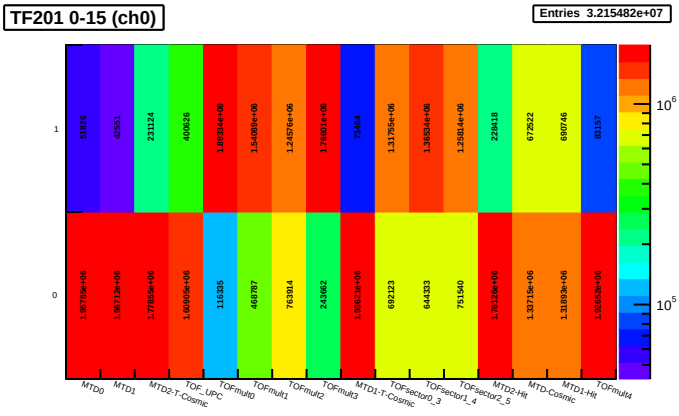

mFP201JPsim_FM102 small south
Entries 3508460
JP-T
JP-M
JP-B

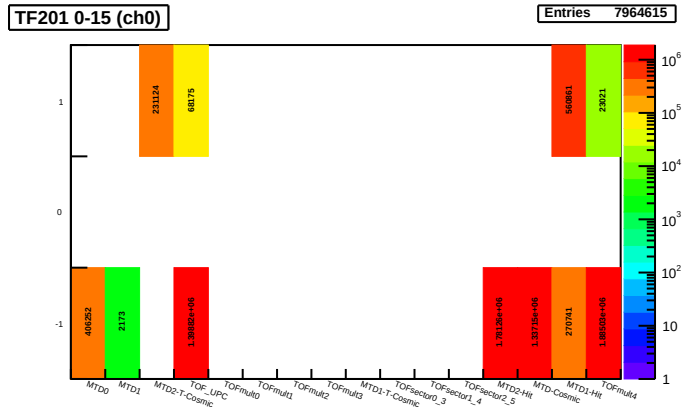

mFP201JP_FM103 large north
Entries 6029028
JP-T
JP-M
JP-B

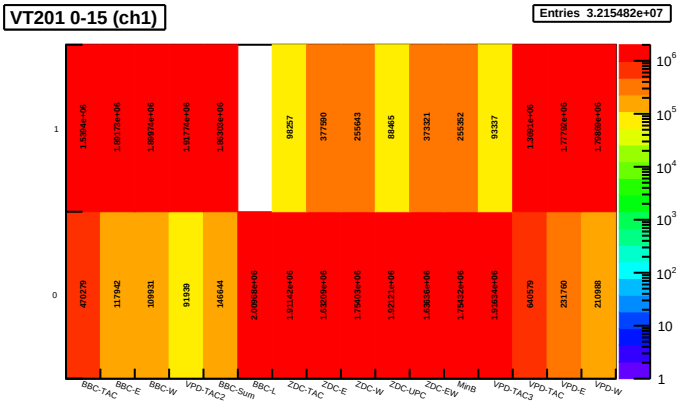

mFP201JPsim_FM103 large north
Entries 4018183
JP-T
JP-M
JP-B

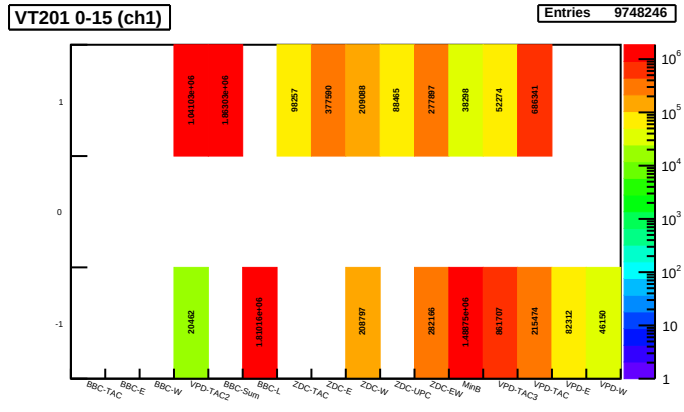

mFP201JP_FM104 large south
Entries 6029028
JP-T
JP-M
JP-B

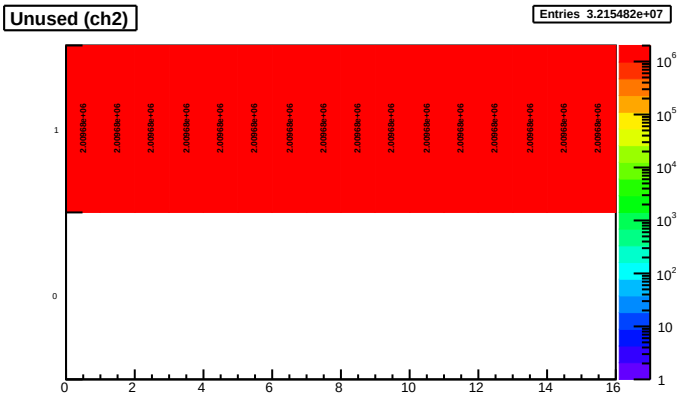

mFP201JPsim_FM104 large south
Entries 5099944
JP-T
JP-M
JP-B

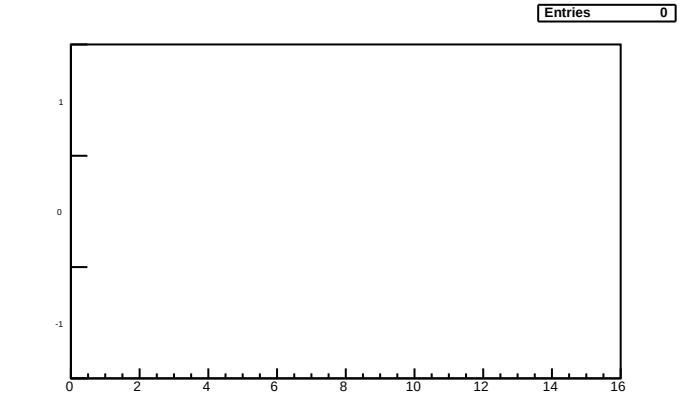

TF201 0-15 (ch0)
Entries 3.215482e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

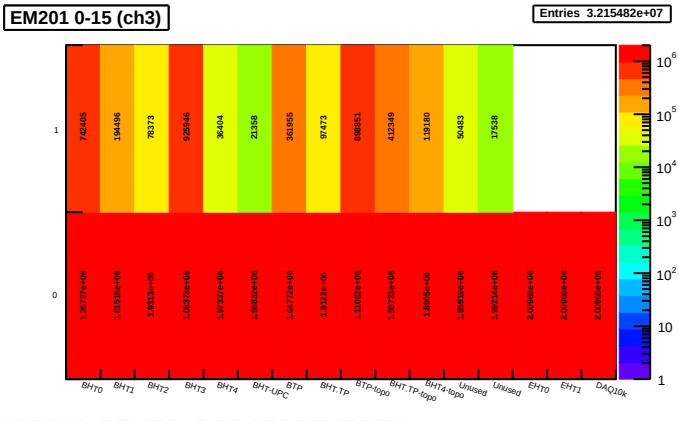

TF201 0-15 (ch0)
Entries 7964615
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

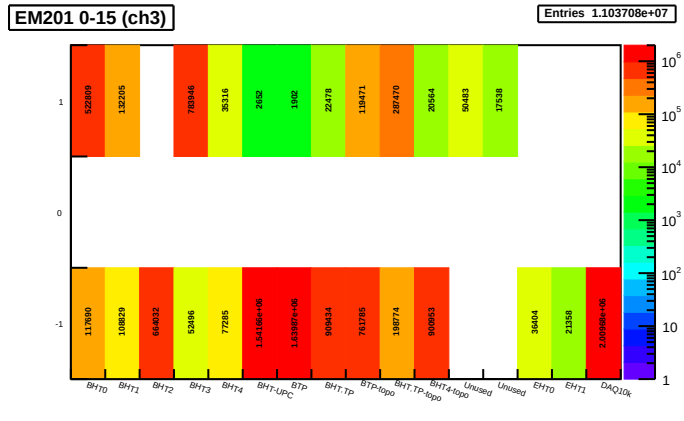

VT201 0-15 (ch1)
Entries 3.215482e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

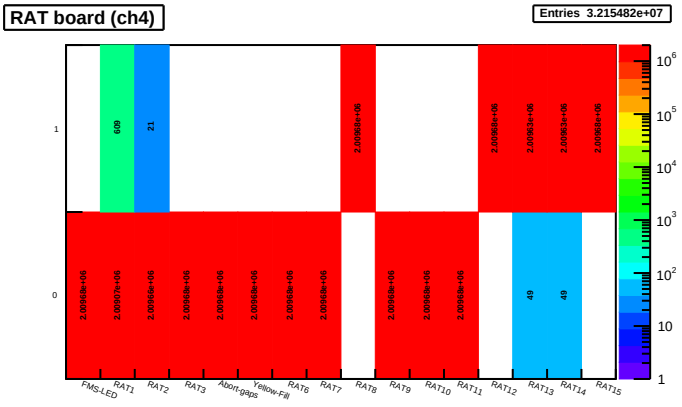

VT201 0-15 (ch1)
Entries 9748246
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

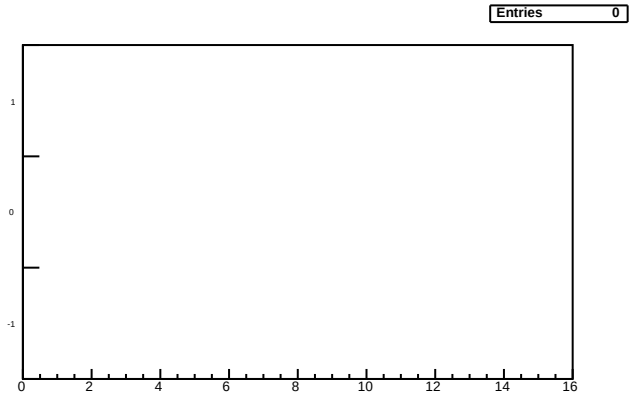

Unused (ch2)
Entries 3.215482e+07

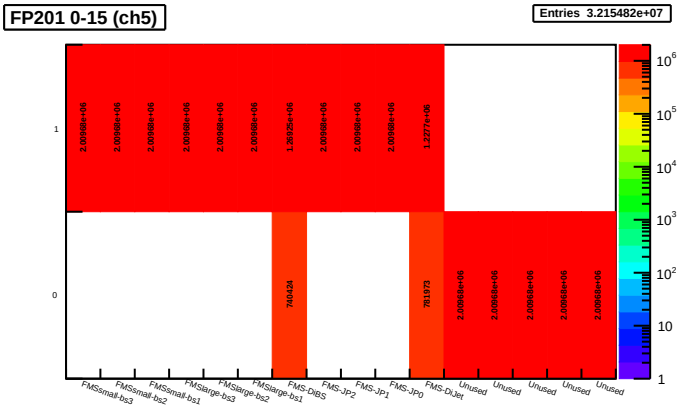

Entries 0

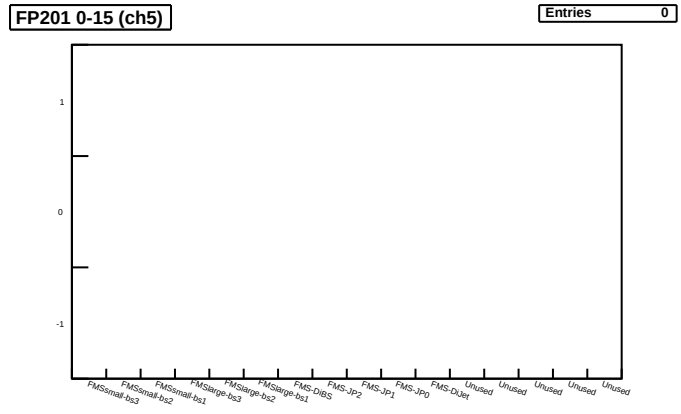

EM201 0-15 (ch3)
Entries 3.215482e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

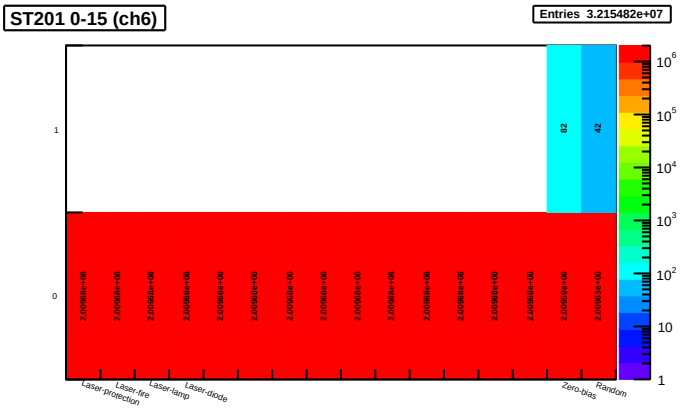

EM201 0-15 (ch3)
Entries 1.103708e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

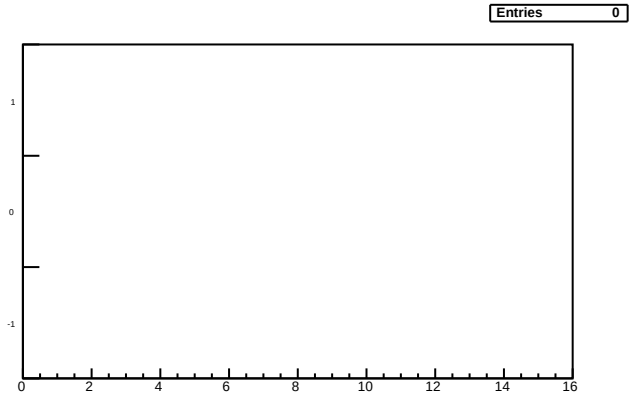

RAT board (ch4)
Entries 3.215482e+07
609
21
2.00968e+06
2.00907e+06
49
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

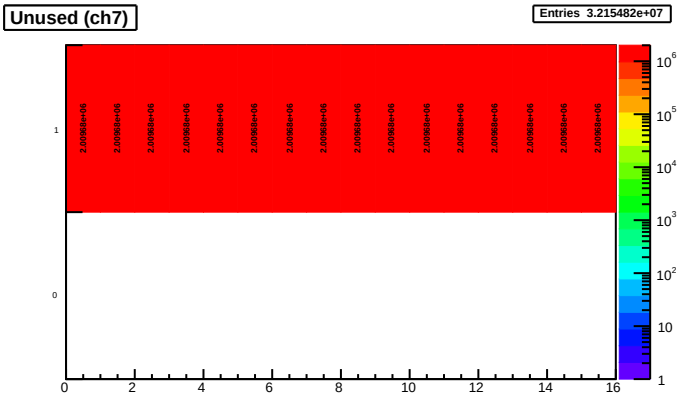

Entries 0

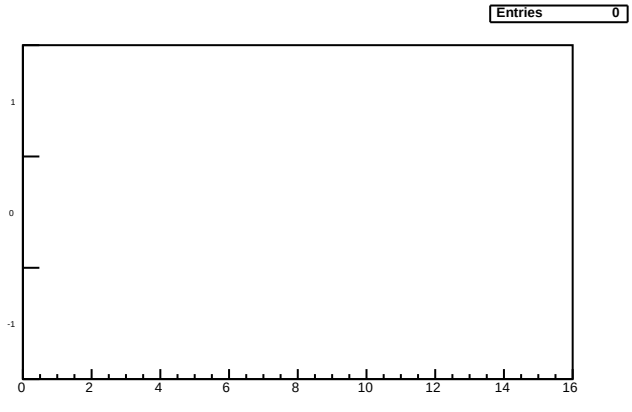

FP201 0-15 (ch5)
Entries 3.215482e+07
2.00968e+06
1.26925e+06
1.22276e+06
760424
781973
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 3.215482e+07
82
42
2.00968e+06
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bas
Random


Entries 0


Unused (ch7)
Entries 3.215482e+07
2.00968e+06


Entries 0