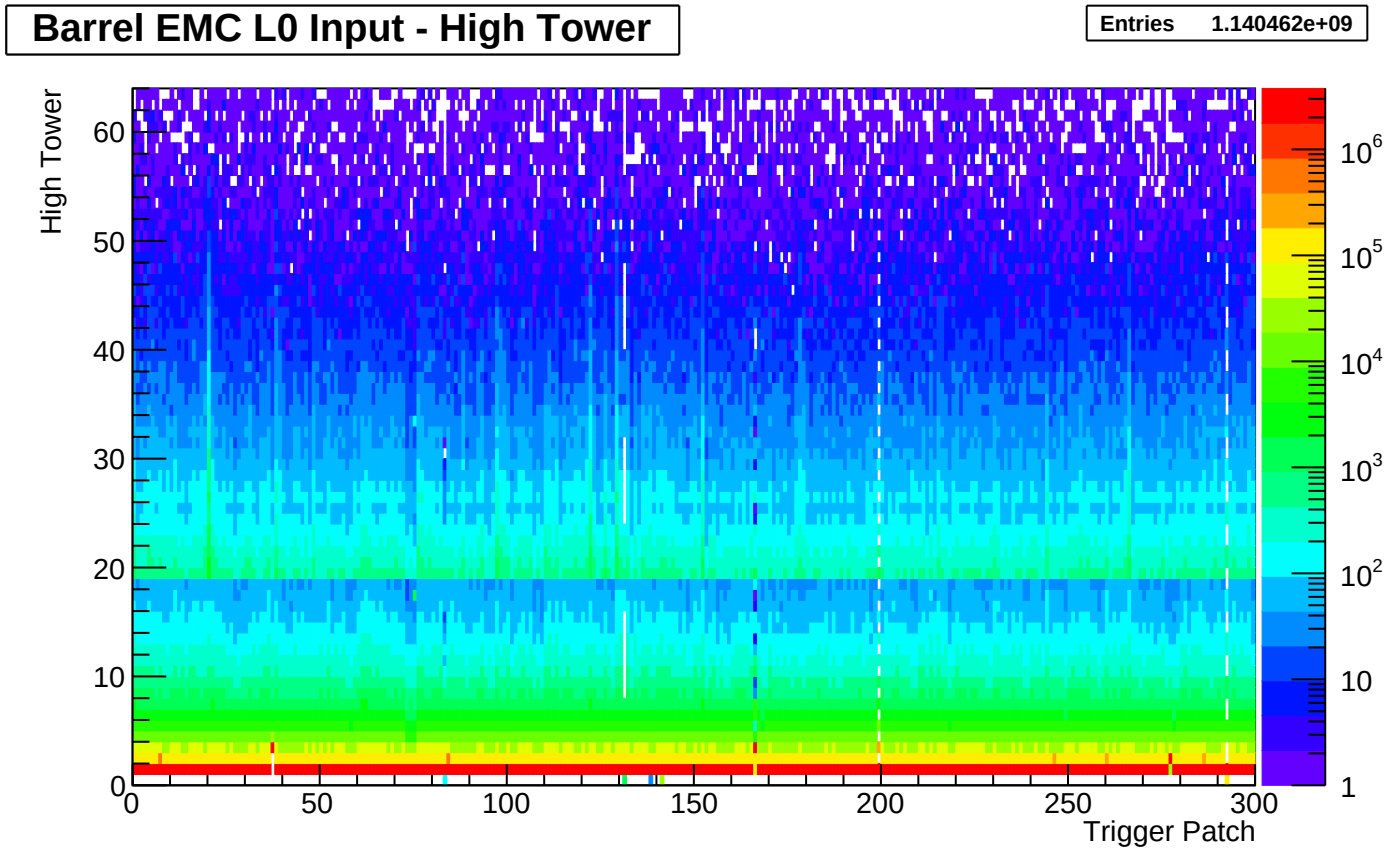
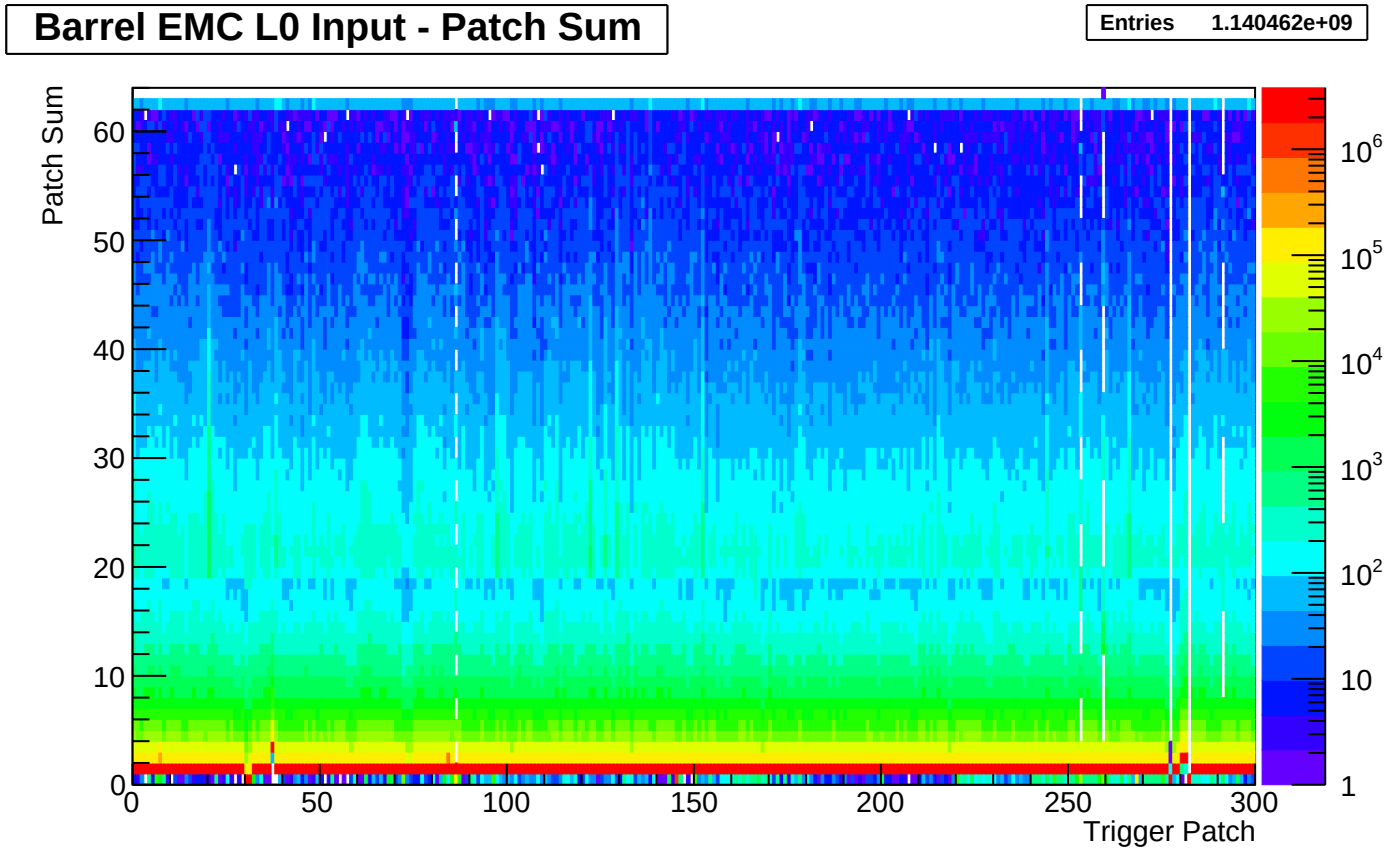
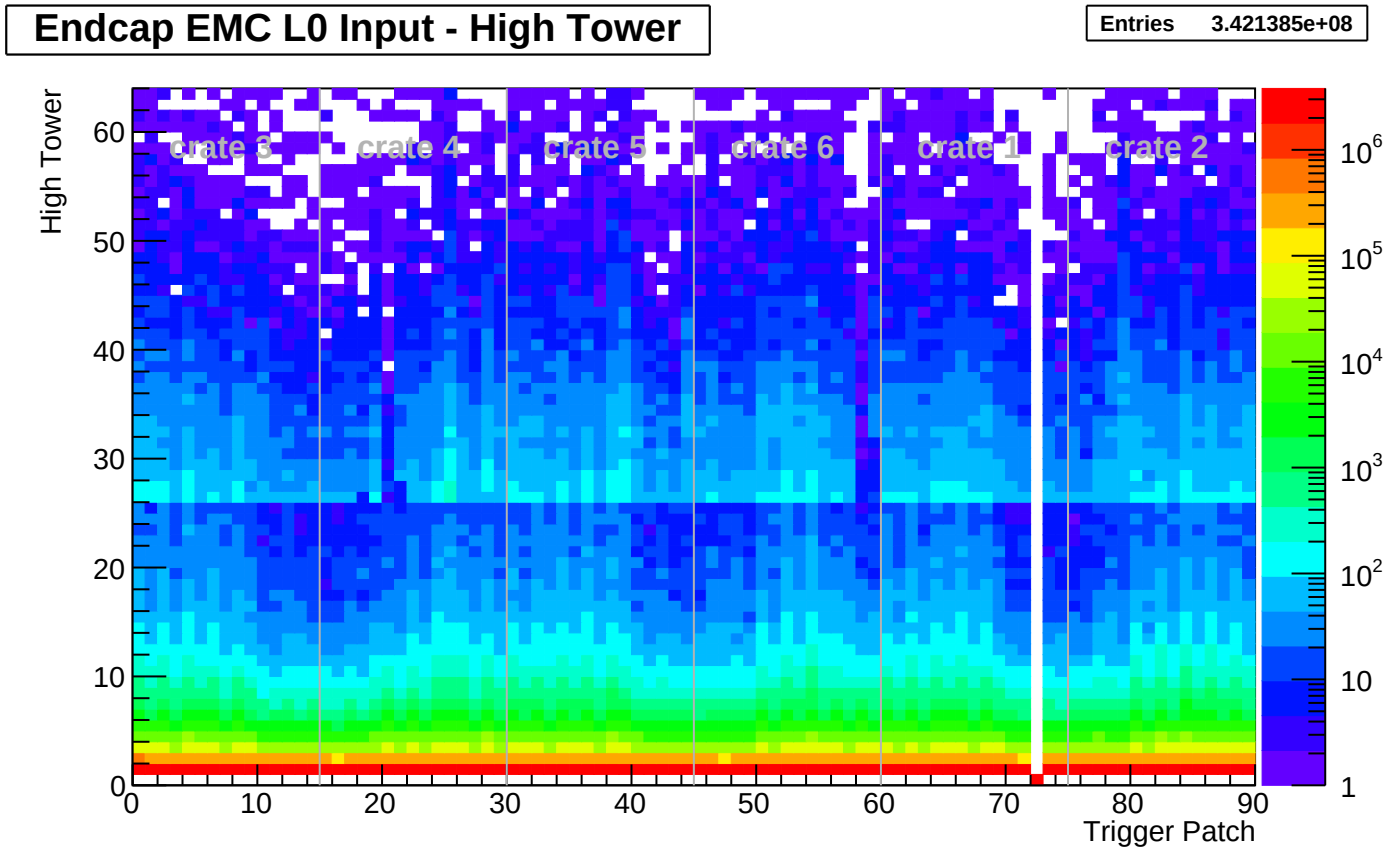
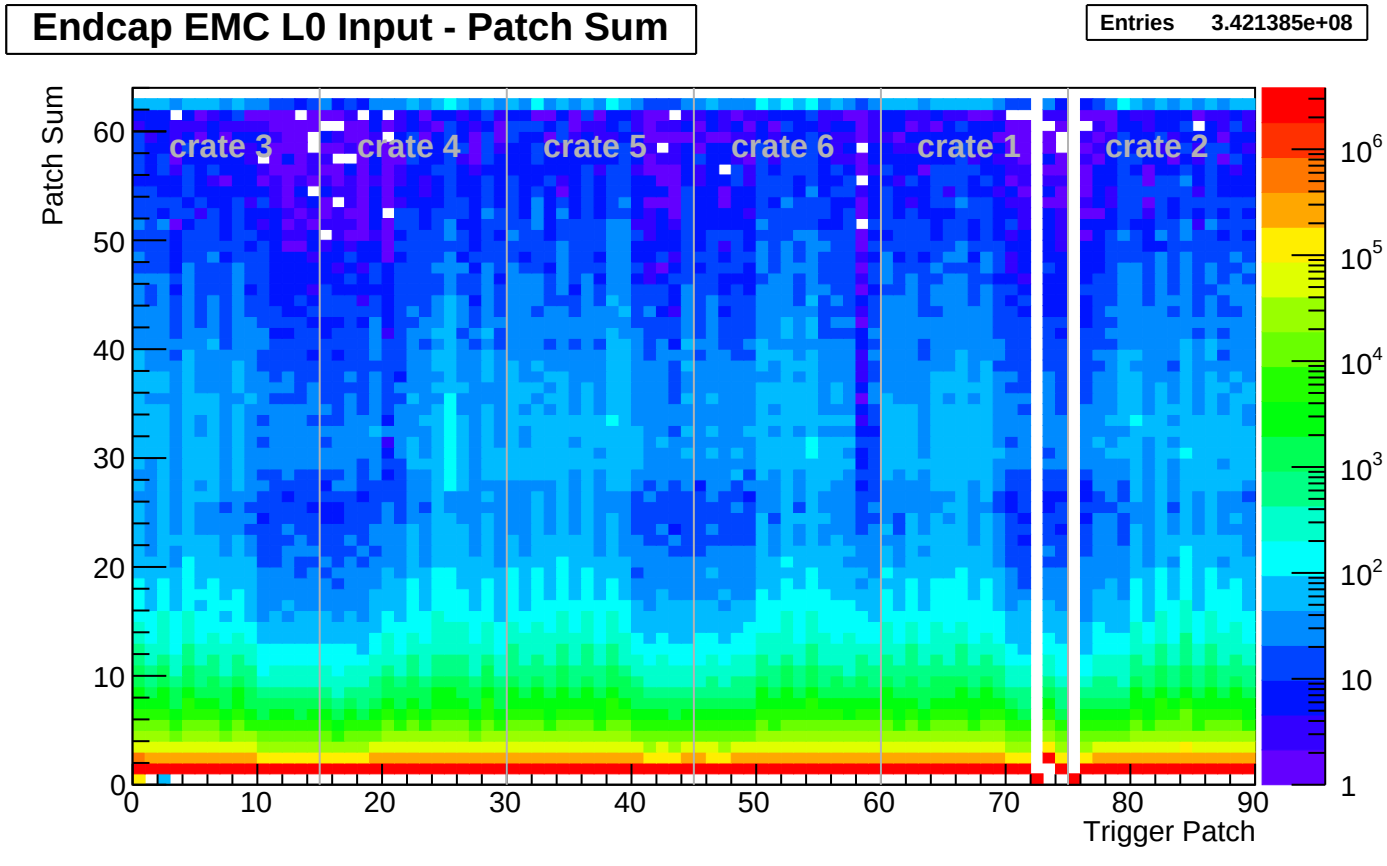
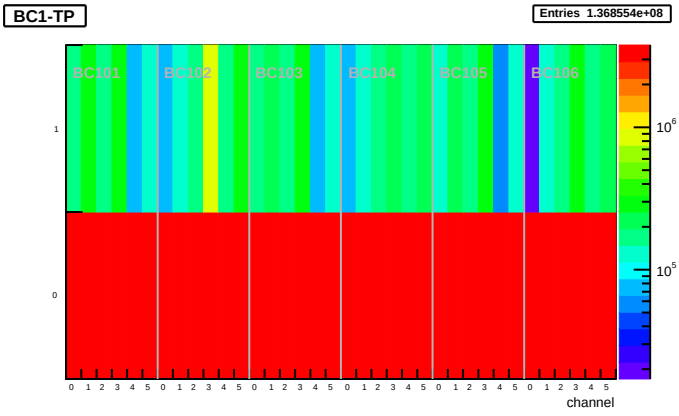
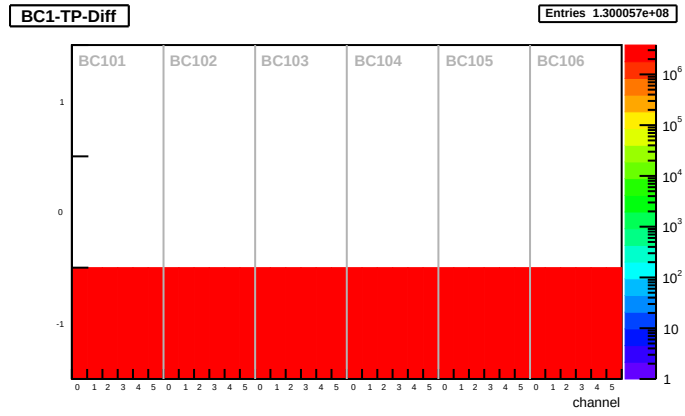

Barrel EMC L0 Input - High Tower
Entries 1.140462e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

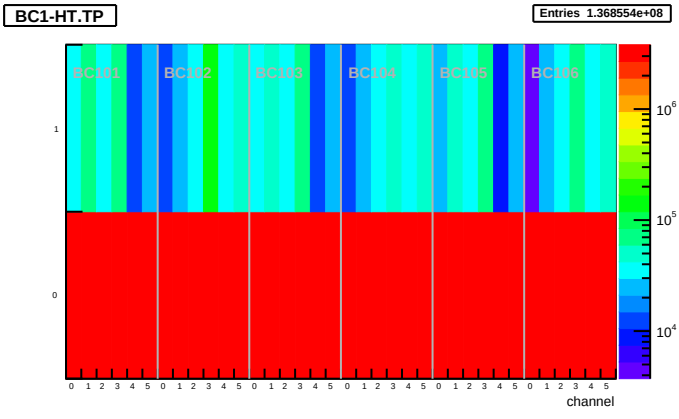

Barrel EMC L0 Input - Patch Sum
Entries 1.140462e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

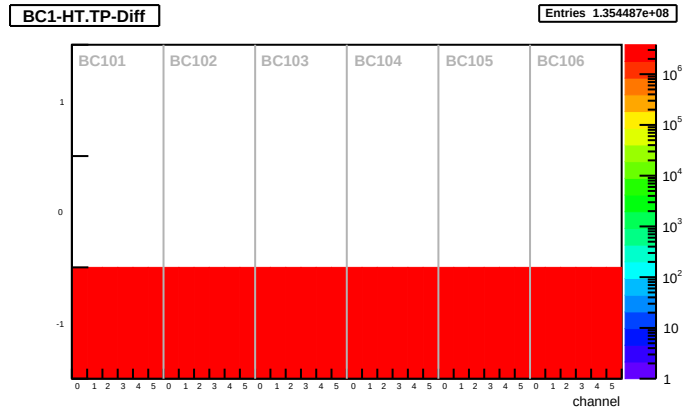

Endcap EMC L0 Input - High Tower
Entries 3.421385e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

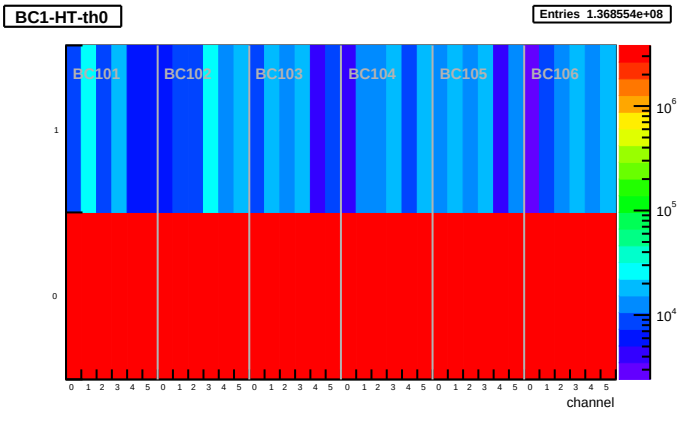

Endcap EMC L0 Input - Patch Sum
Entries 3.421385e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

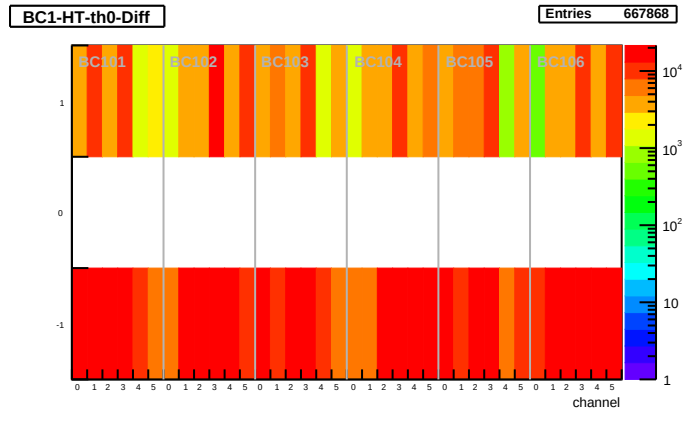

BC1-TP
Entries 1.368554e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

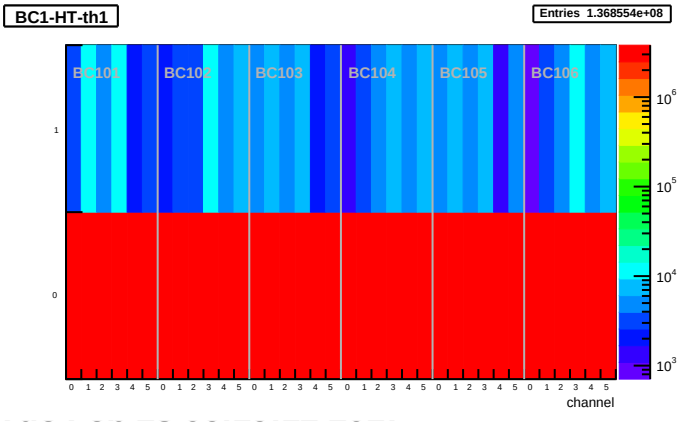

BC1-TP-Diff
Entries 1.300057e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

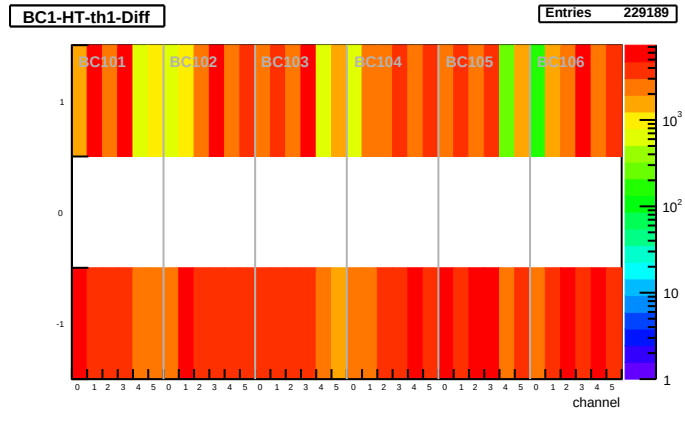

BC1-HT.TP
Entries 1.368554e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

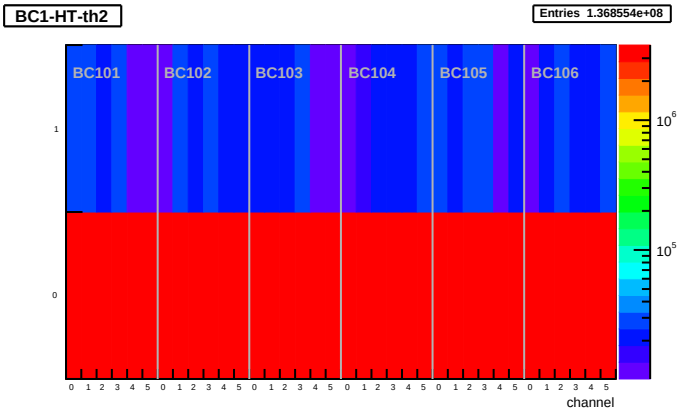

BC1-HT.TP-Diff
Entries 1.354487e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

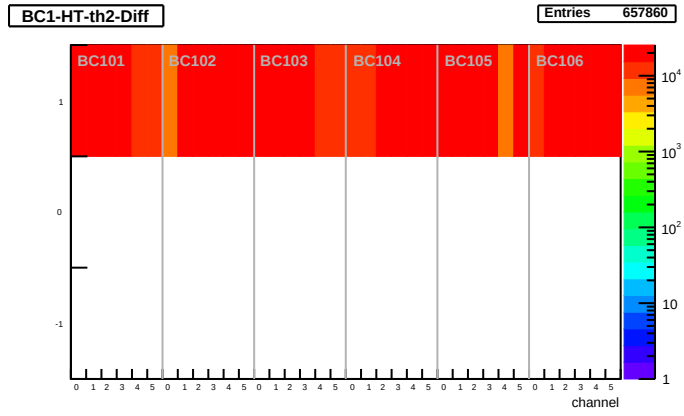

BC1-HT-th0
Entries 1.368554e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

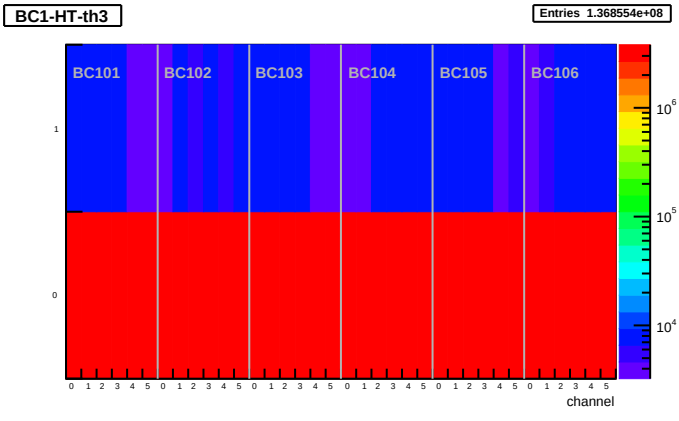

BC1-HT-th0-Diff
Entries 667868
BC101
BC102
BC103
BC104
BC105
BC106
channel

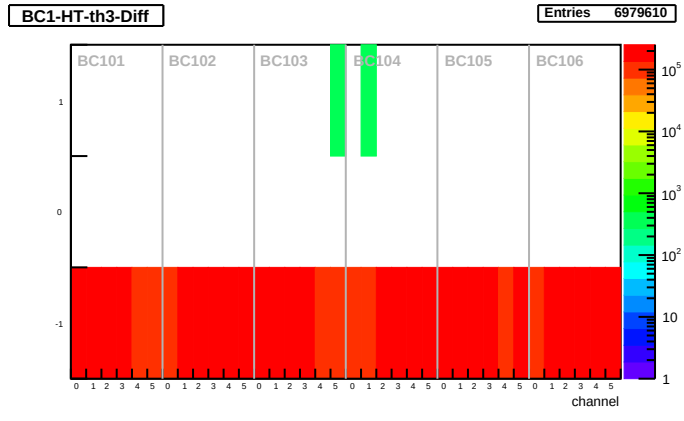

BC1-HT-th1
Entries 1.368554e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

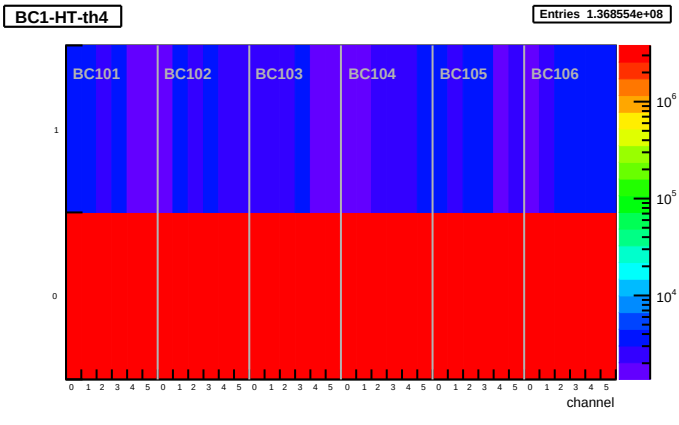

BC1-HT-th1-Diff
Entries 229189
BC101
BC102
BC103
BC104
BC105
BC106
channel

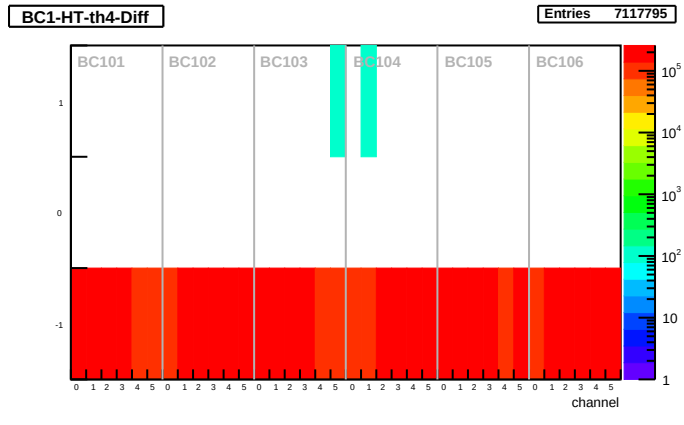

BC1-HT-th2
Entries 1.368554e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

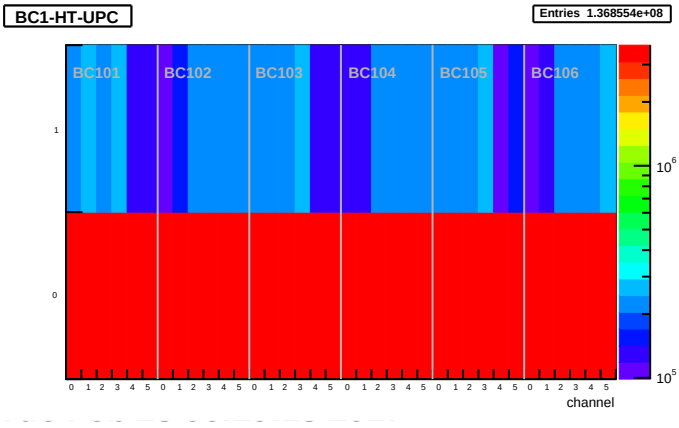

BC1-HT-th2-Diff
Entries 657860
BC101
BC102
BC103
BC104
BC105
BC106
channel

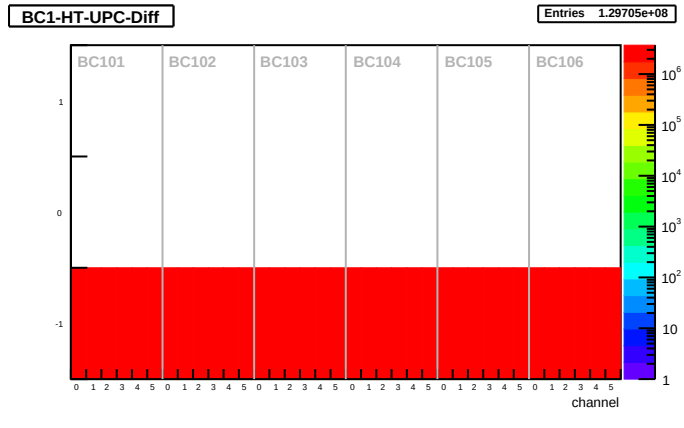

BC1-HT-th3
Entries 1.368554e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

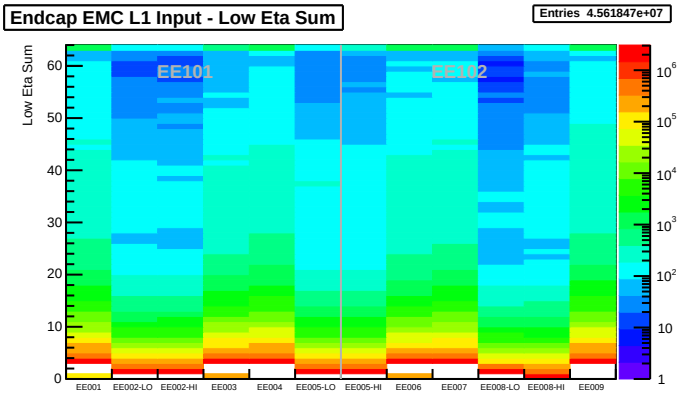

BC1-HT-th3-Diff
Entries 6979610
BC101
BC102
BC103
BC104
BC105
BC106
channel

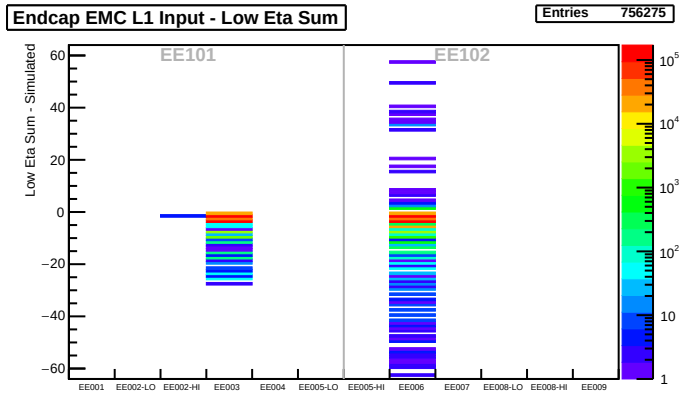

BC1-HT-th4
Entries 1.368554e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

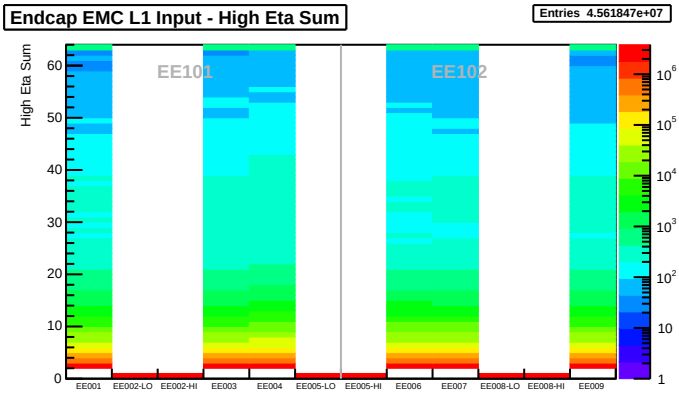

BC1-HT-th4-Diff
Entries 7117795
BC101
BC102
BC103
BC104
BC105
BC106
channel

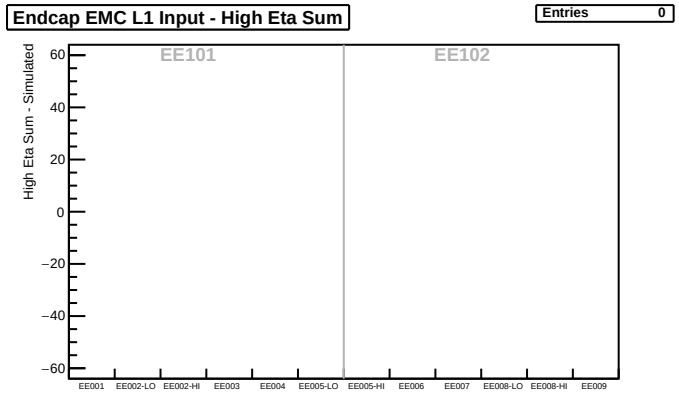

BC1-HT-UPC
Entries 1.368554e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

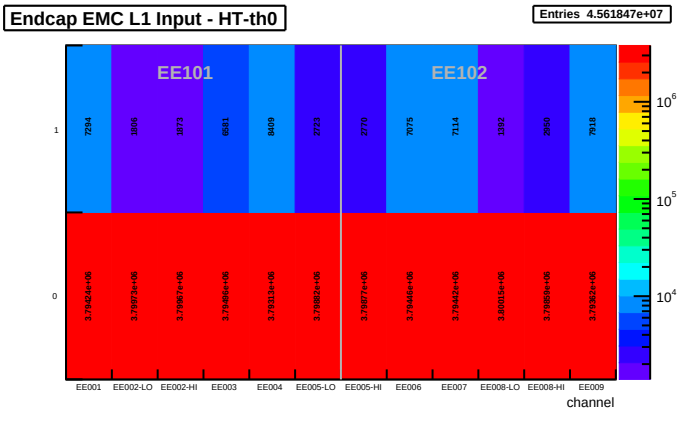

BC1-HT-UPC-Diff
Entries 1.29705e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

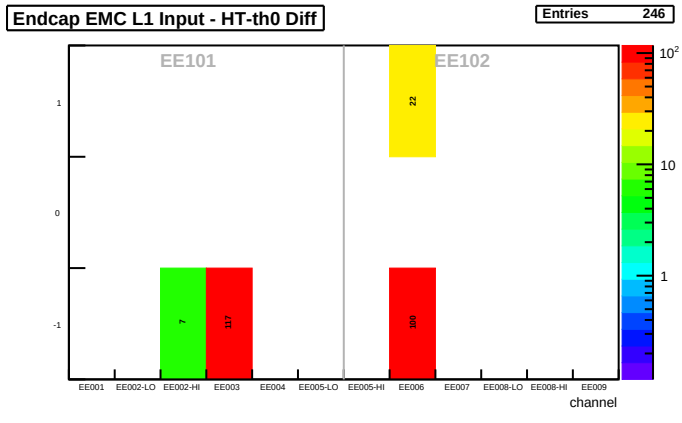

Endcap EMC L1 Input - Low Eta Sum
Entries 4.561847e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

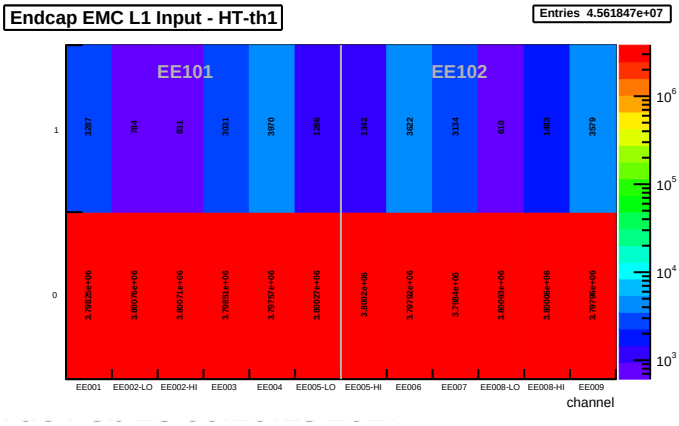

Endcap EMC L1 Input - Low Eta Sum
Entries 756275
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

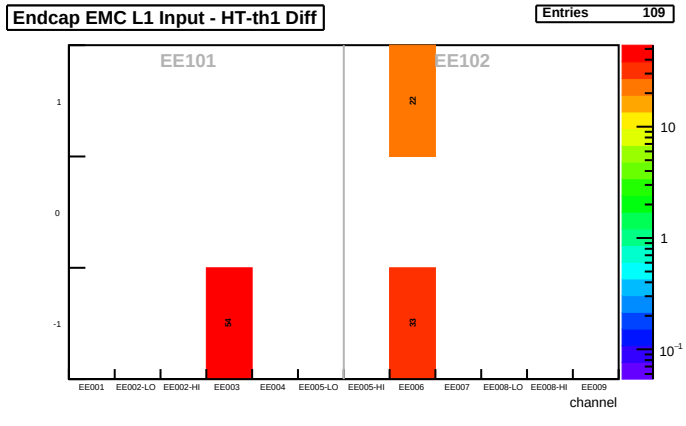

Endcap EMC L1 Input - High Eta Sum
Entries 4.561847e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

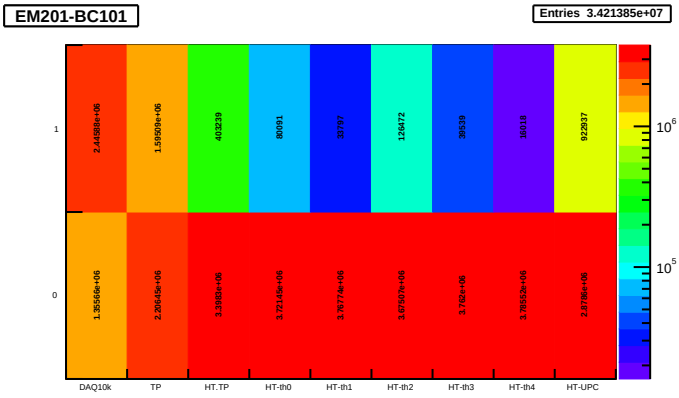

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

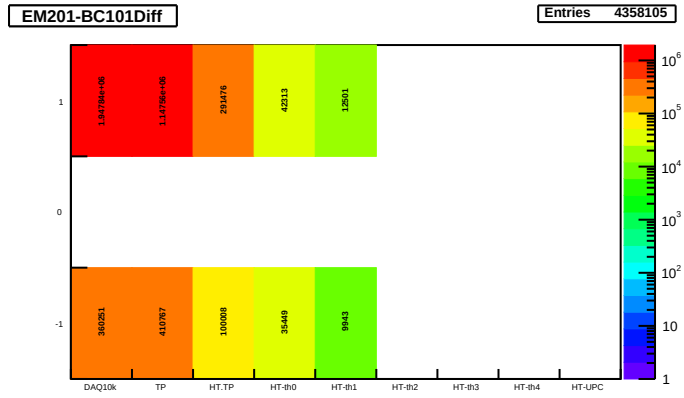

Endcap EMC L1 Input - HT-th0
Entries 4.561847e+07
EE101
EE102
7294 1606 1073 6581 8409 2723 2770 7075 7114 1392 2550 7918
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

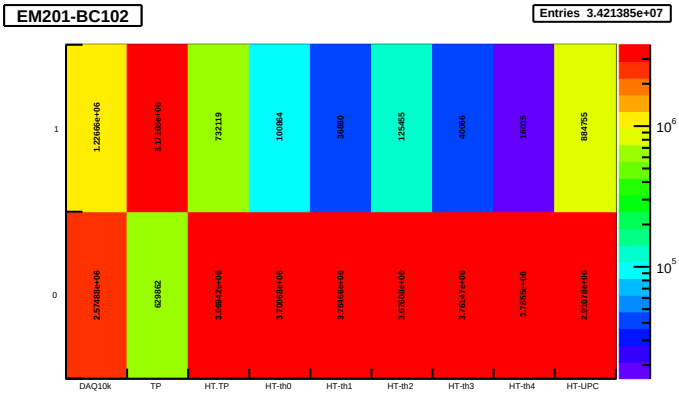

Endcap EMC L1 Input - HT-th0 Diff
Entries 246
EE101
EE102
22
7
117
100
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

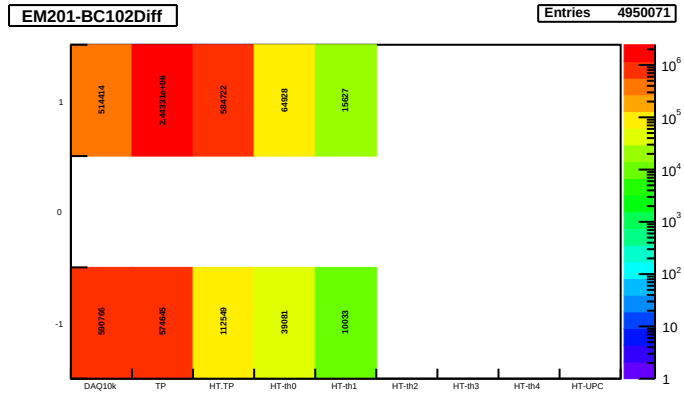

Endcap EMC L1 Input - HT-th1
Entries 4.561847e+07
EE101
EE102
3287 794 831 3031 3970 1266 1342 3822 3134 610 1463 3579
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

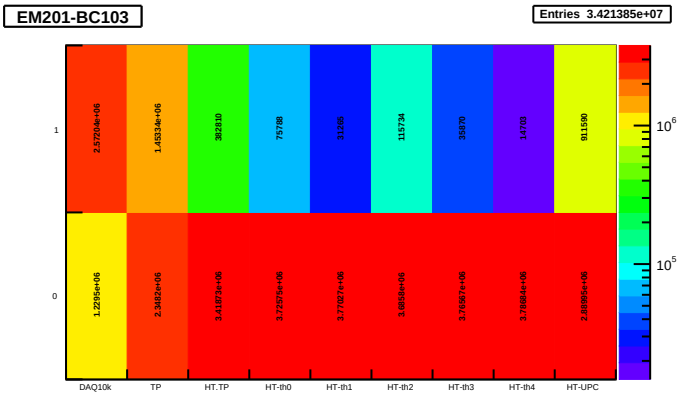

Endcap EMC L1 Input - HT-th1 Diff
Entries 109
EE101
EE102
22
54
33
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

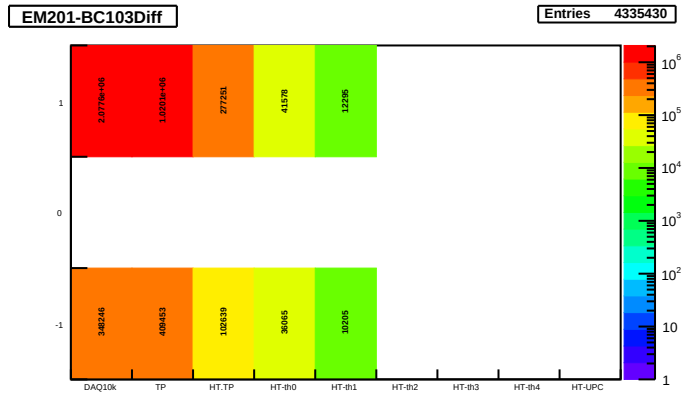

EM201-BC101
Entries 3.421385e+07
1
0
2.44589e+06
1.59509e+06
402239
80091
33797
126472
39539
16018
922937
1.35556e+06
2.20646e+06
3.28938e+06
3.72149e+06
3.70774e+06
3.67507e+06
3.762e+06
3.76552e+06
2.27786e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5

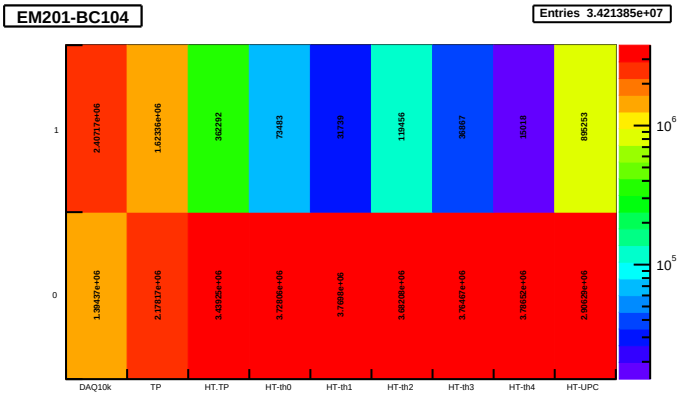

EM201-BC101Diff
Entries 4358105
1
0
-1
1.94794e+06
1.14756e+06
291476
42213
12501
360251
410767
100008
35449
9943
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

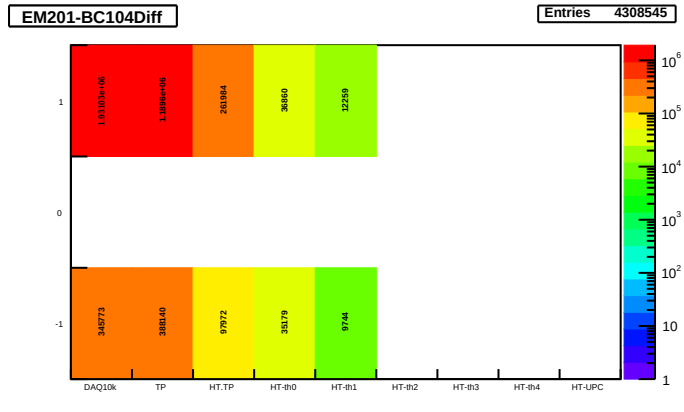

EM201-BC102
Entries 3.421385e+07
1
0
1.22066e+06
3.17168e+06
732119
100864
36880
125455
40066
16035
884755
2.57488e+06
628982
3.09842e+06
3.70088e+06
3.76466e+06
3.67909e+06
3.76147e+06
3.7656e+06
2.91778e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5


EM201-BC102Diff
Entries 4950071
1
0
-1
514414
2.44331e+06
584722
64828
15627
590766
574645
112549
39081
10033
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

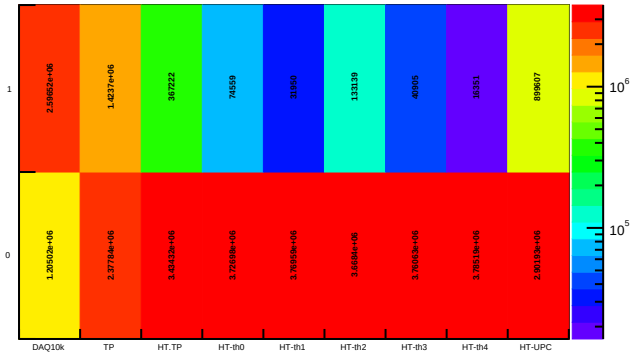

EM201-BC103
Entries 3.421385e+07
1
0
2.57204e+06
1.45534e+06
382810
75788
31265
115734
35970
14703
911590
1.22958e+06
2.3482e+06
3.41872e+06
3.72575e+06
3.77027e+06
3.6858e+06
3.76567e+06
3.76884e+06
2.88895e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5


EM201-BC103Diff
Entries 4335430
1
0
-1
2.0776e+06
1.0201e+06
277231
41578
12295
348246
409453
108639
36065
10205
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

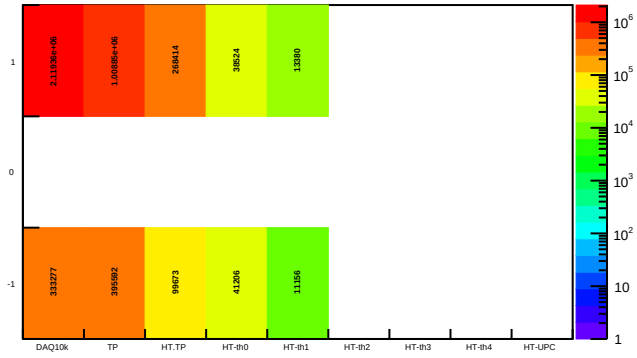

EM201-BC104
Entries 3.421385e+07
1
0
2.40717e+06
1.62336e+06
382292
73483
31739
119456
36867
15018
896253
1.38437e+06
2.17817e+06
3.43025e+06
3.72186e+06
3.7698e+06
3.68288e+06
3.76407e+06
3.76652e+06
2.90528e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5


EM201-BC104Diff
Entries 4308545
1
0
-1
1.93103e+06
1.1956e+06
261984
36860
12259
345573
388140
97972
33179
9744
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

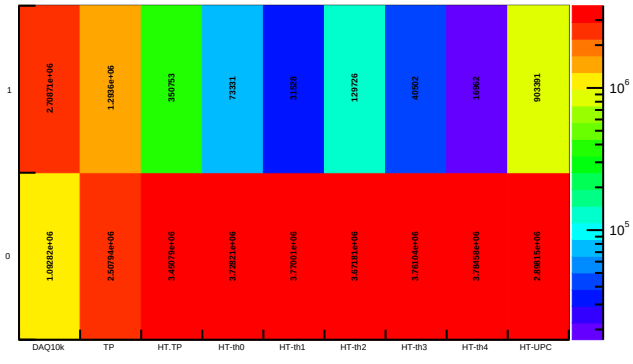
EM201-BC105 Entries 3.421385e+07



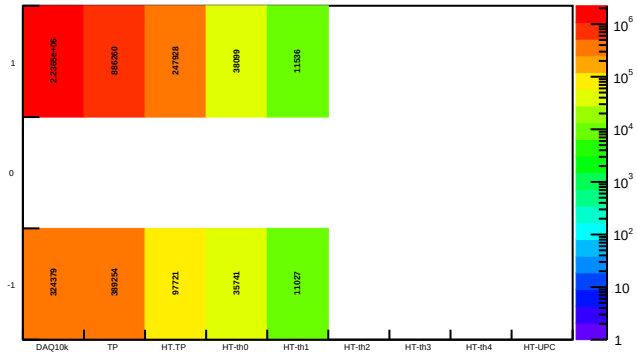
EM201-BC105Diff Entries 4329432



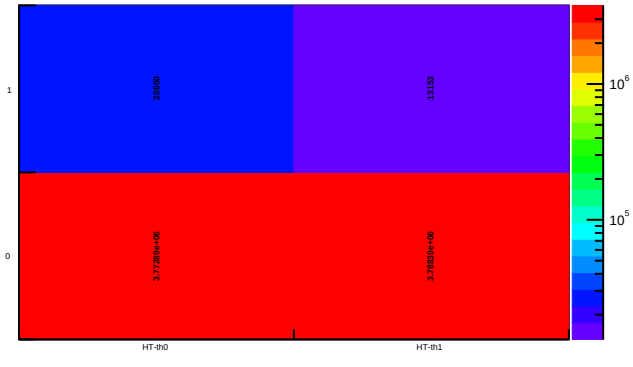
EM201-BC106 Entries 3.421385e+07



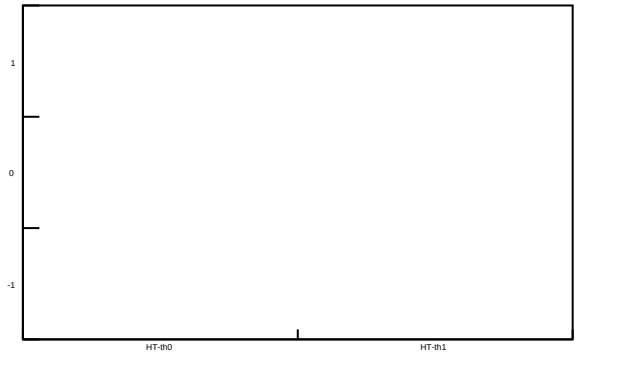
EM201-BC106Diff Entries 4278446



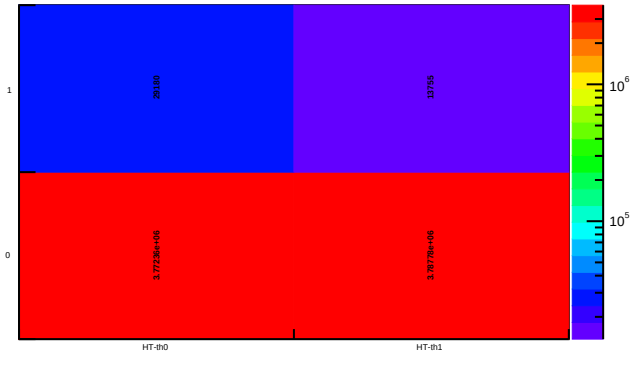
EM201-EE101 Entries 7603078



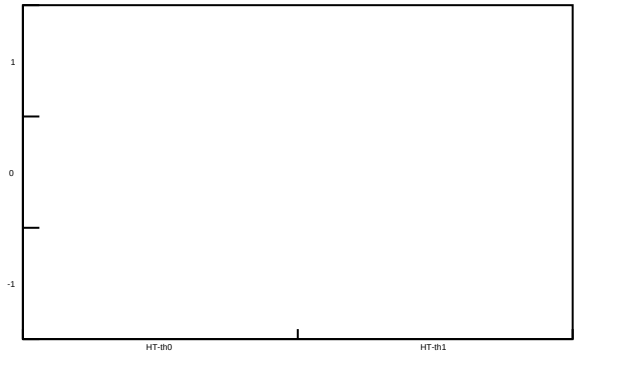
EM201-EE101Diff Entries 0

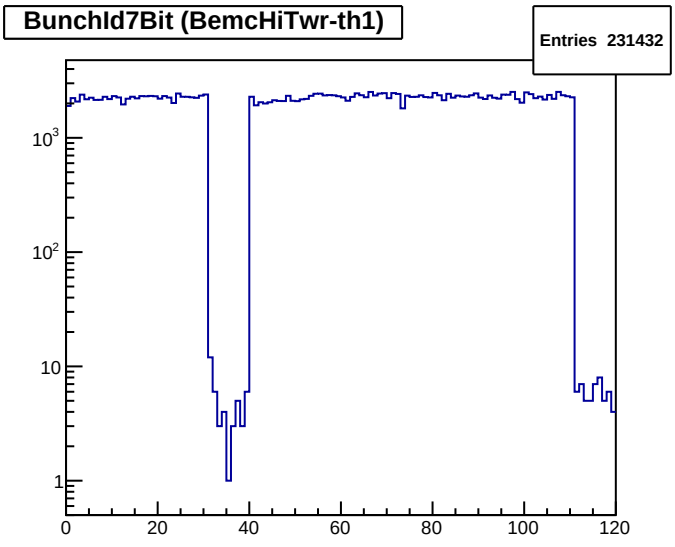


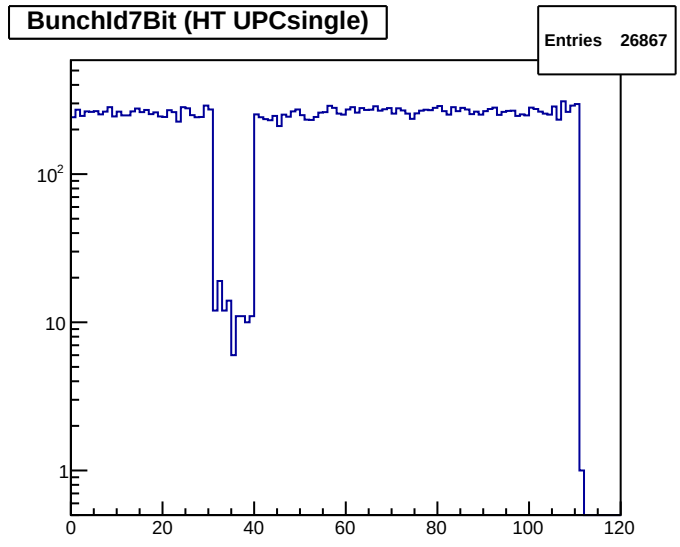
EM201-EE102 Entries 7603078

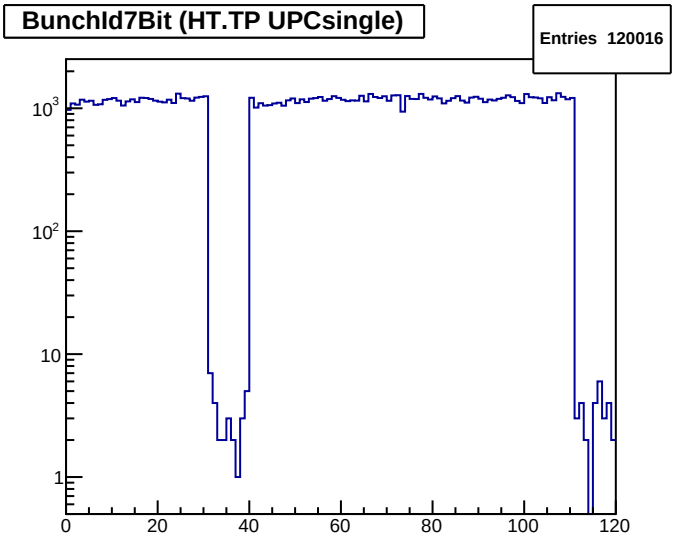


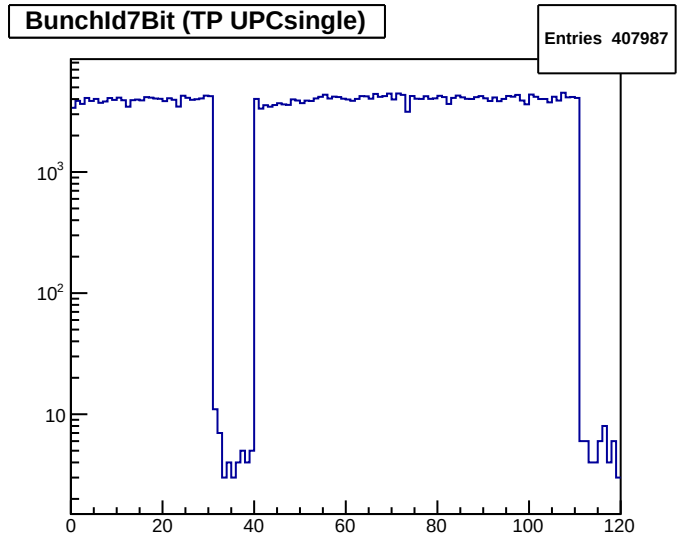
EM201-EE102Diff Entries 0

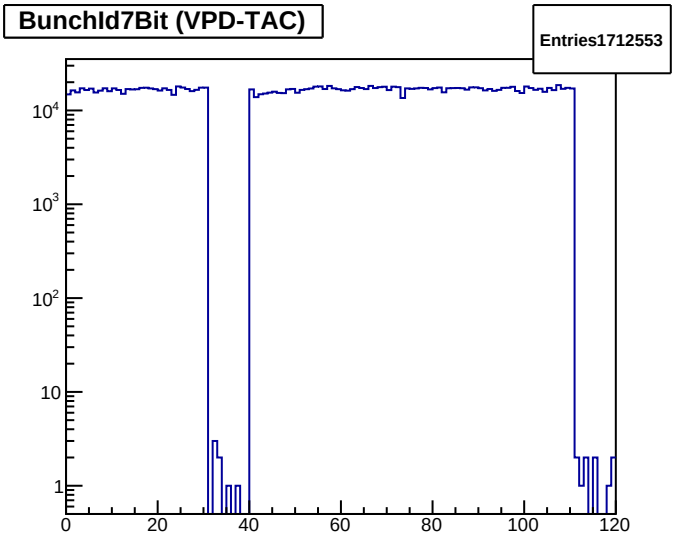


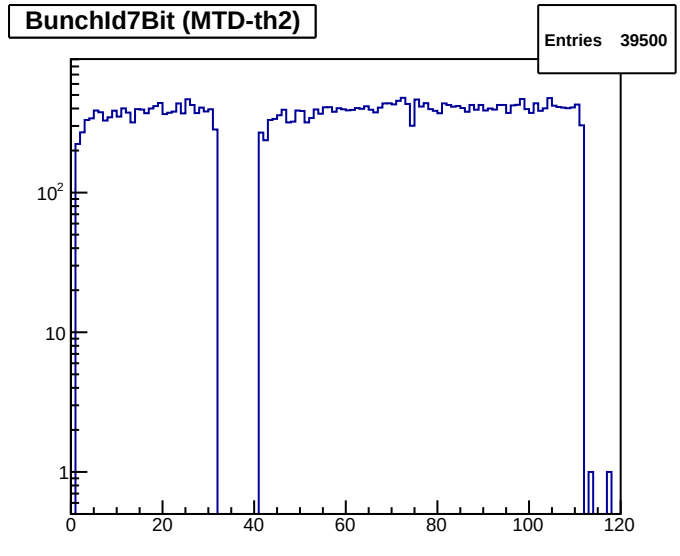

BunchId7Bit (BemcHiTwr-th1)
Entries 231432
10^3
10^2
10
1
0
20
40
60
80
100
120

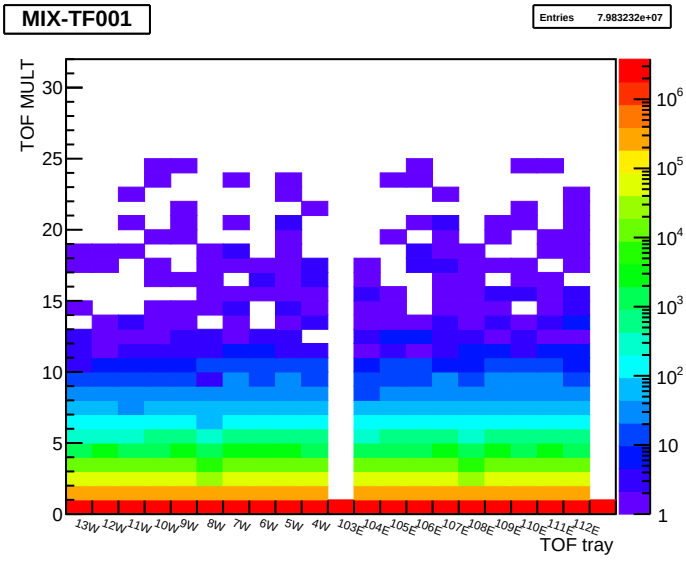

BunchId7Bit (HT UPCsingle)
Entries 26867
10^2
10
1
0
20
40
60
80
100
120

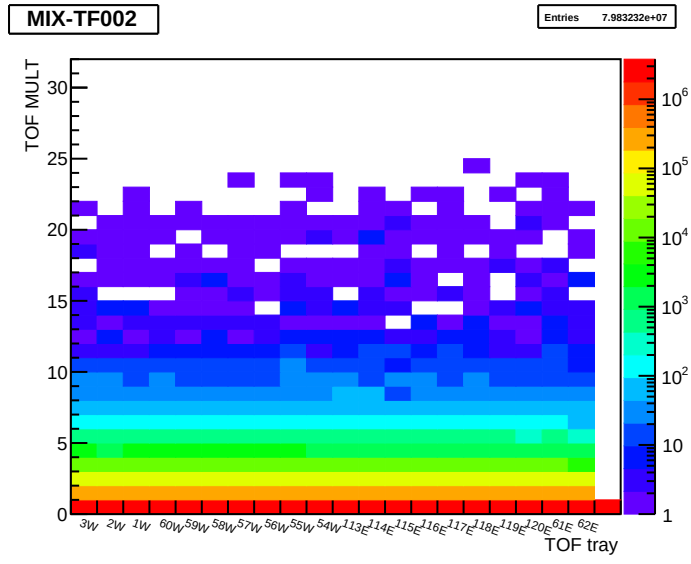

BunchId7Bit (HT.TP UPCsingle)
Entries 120016
10^3
10^2
10
1
0
20
40
60
80
100
120

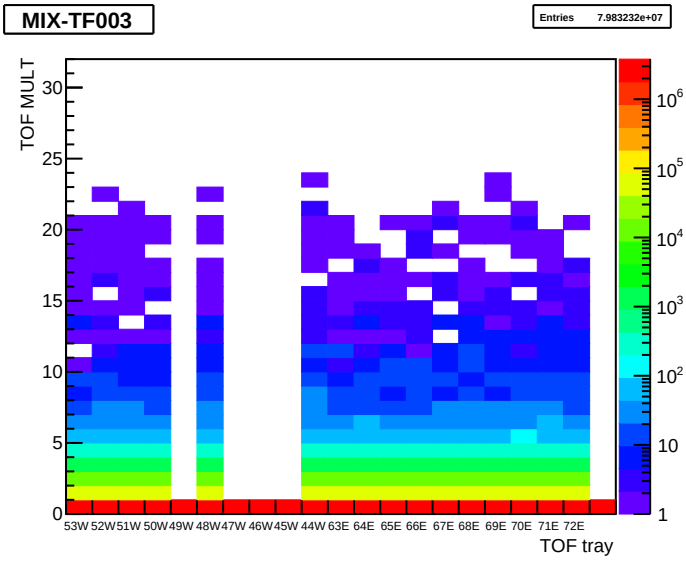

BunchId7Bit (TP UPCsingle)
Entries 407987
10^3
10^2
10
0
20
40
60
80
100
120

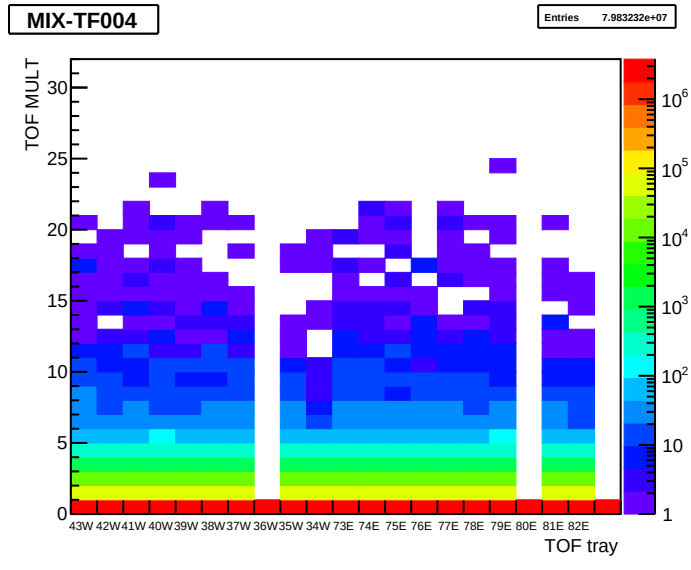

BunchId7Bit (VPD-TAC)
Entries1712553
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

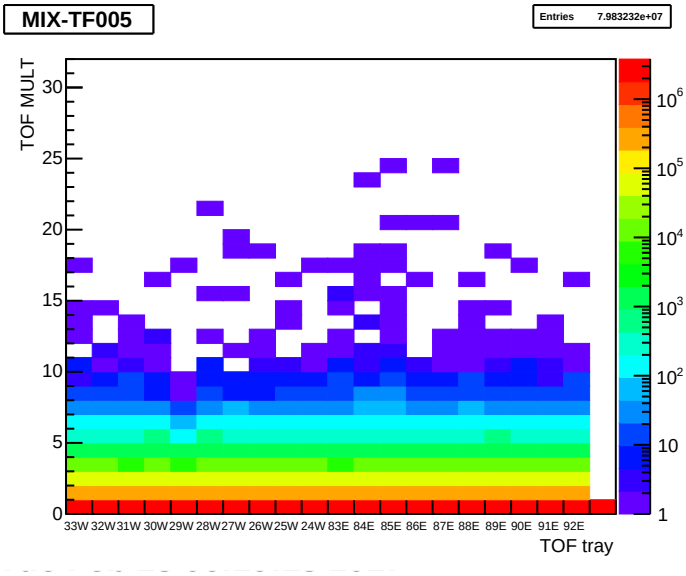

BunchId7Bit (MTD-th2)
Entries 39500
10^2
10
1
0
20
40
60
80
100
120

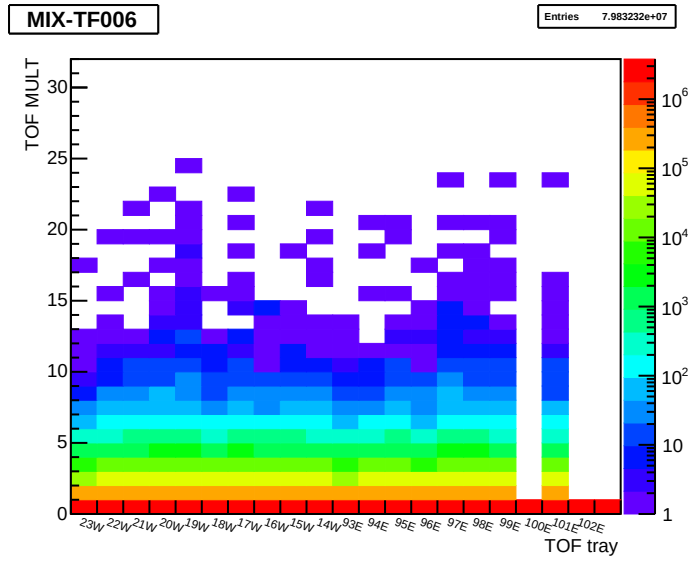

MIX-TF001
Entries 7.983232e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

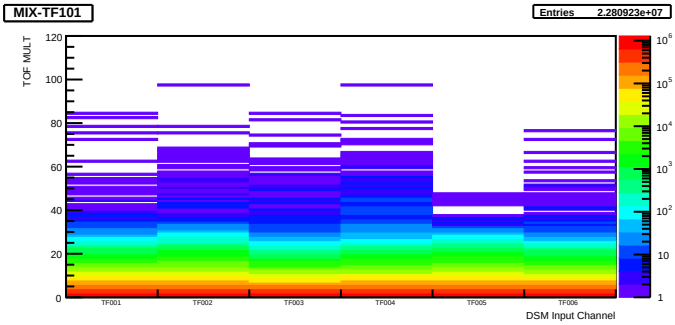

MIX-TF002
Entries 7.983232e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

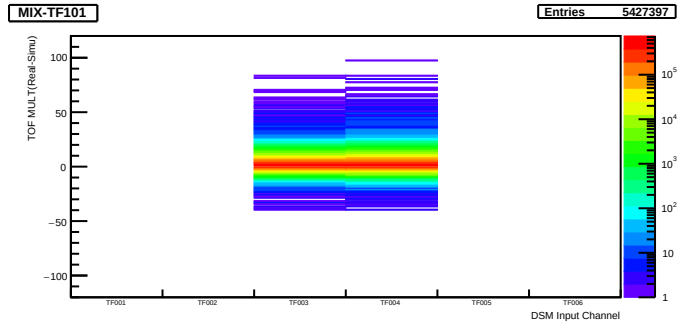

MIX-TF003
Entries 7.983232e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

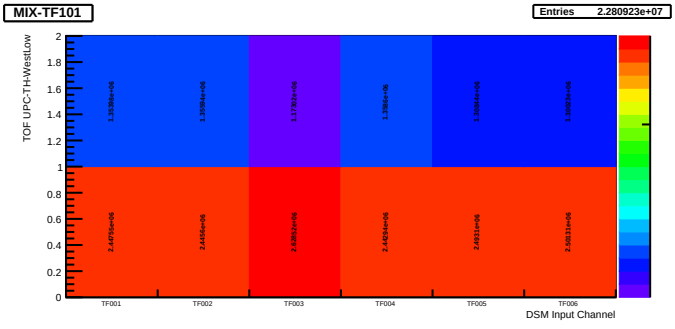

MIX-TF004
Entries 7.983232e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

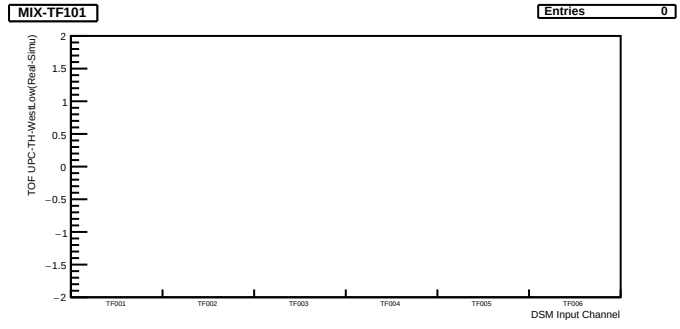

MIX-TF005
Entries 7.983232e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

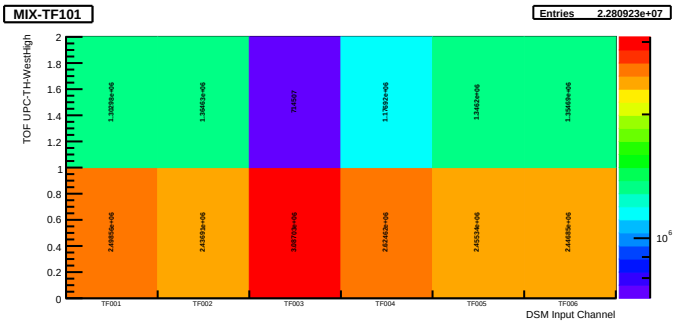

MIX-TF006
Entries 7.983232e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

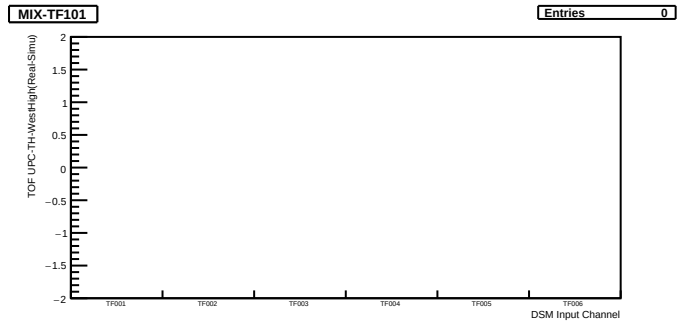

MIX-TF101
Entries 2.280923e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

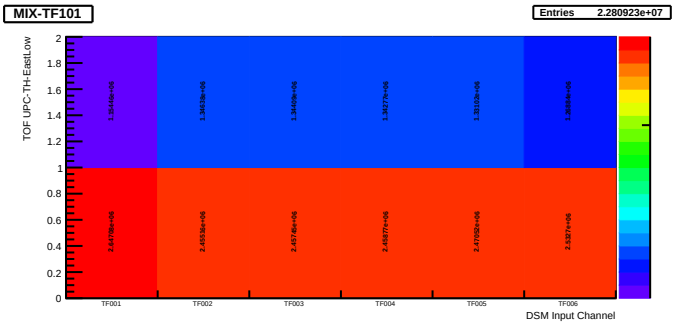

MIX-TF101
Entries 5427397
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

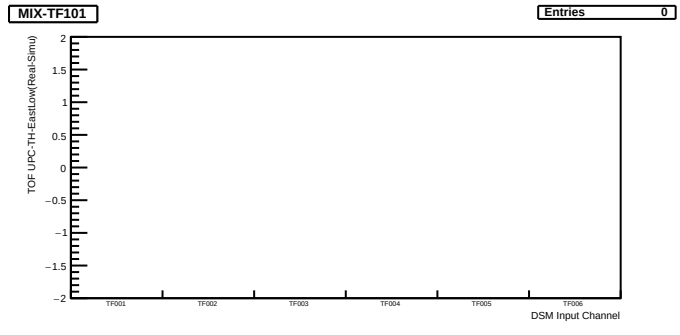

MIX-TF101
Entries 2.280923e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

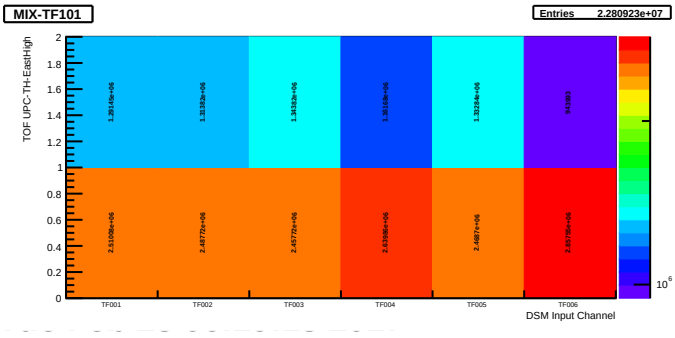

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

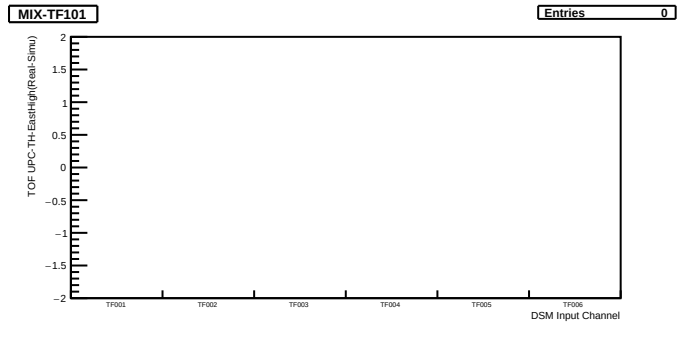

MIX-TF101
Entries 2.280923e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

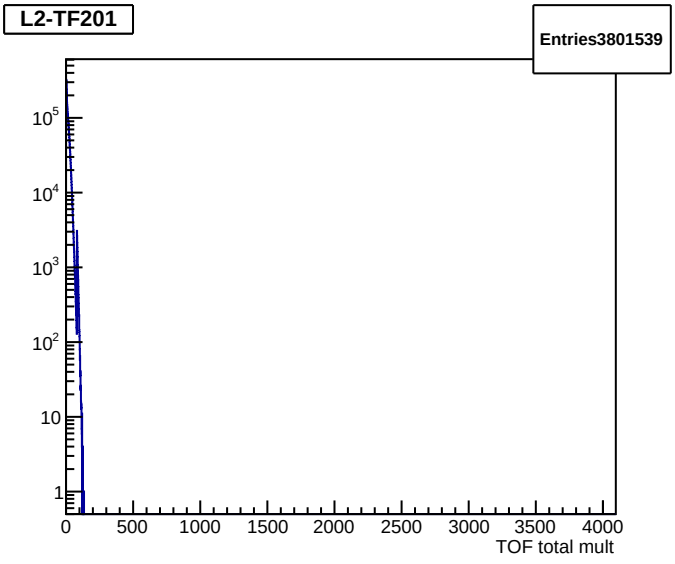

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

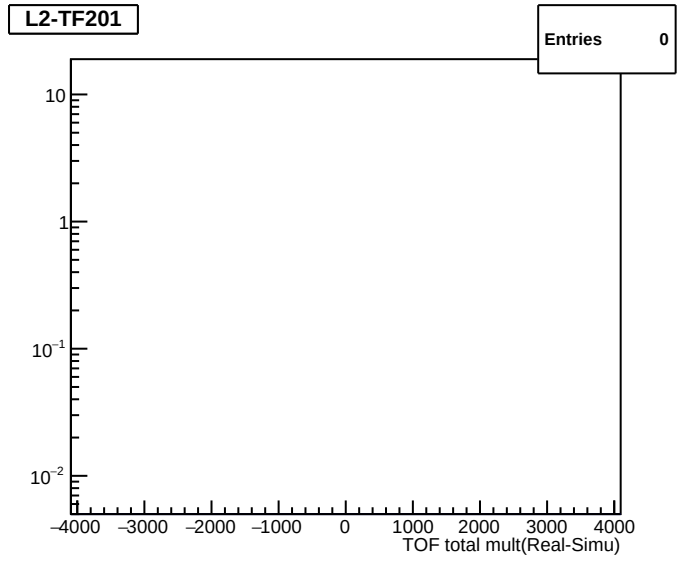

MIX-TF101
Entries 2.280923e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

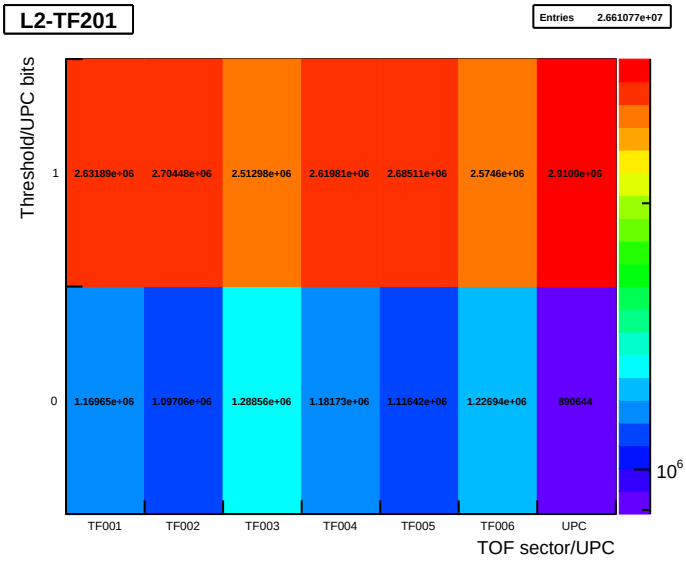

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

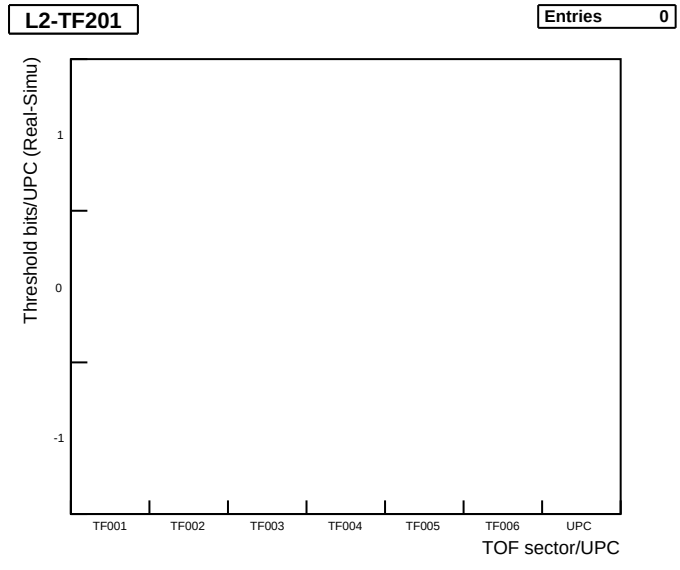

MIX-TF101
Entries 2.280923e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

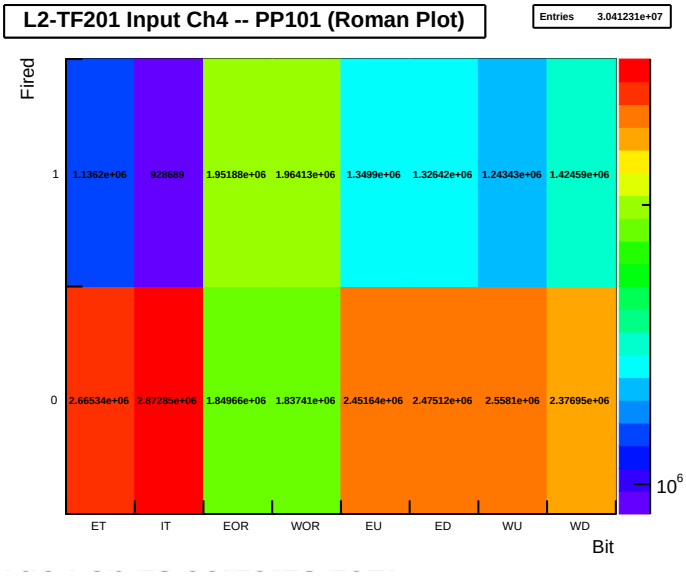

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

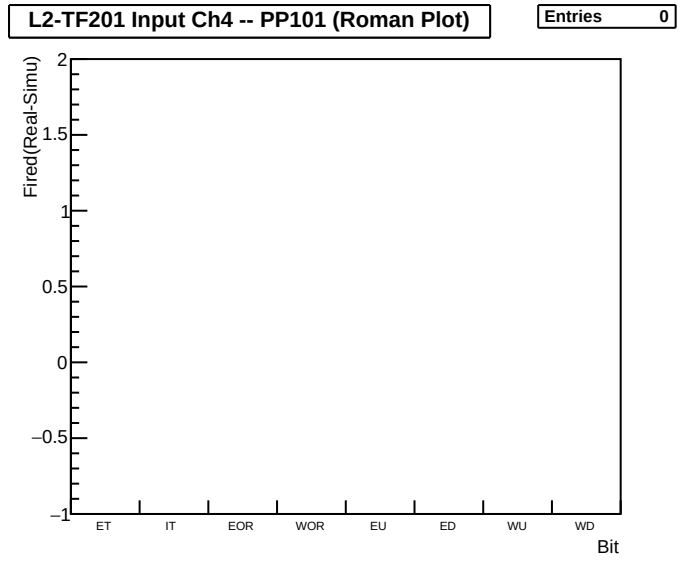

L2-TF201
Entries3801539
TOF total mult

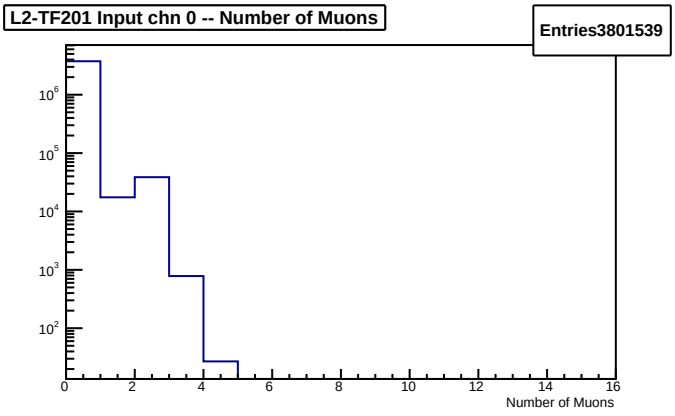

L2-TF201
Entries 0
TOF total mult(Real-Simu)

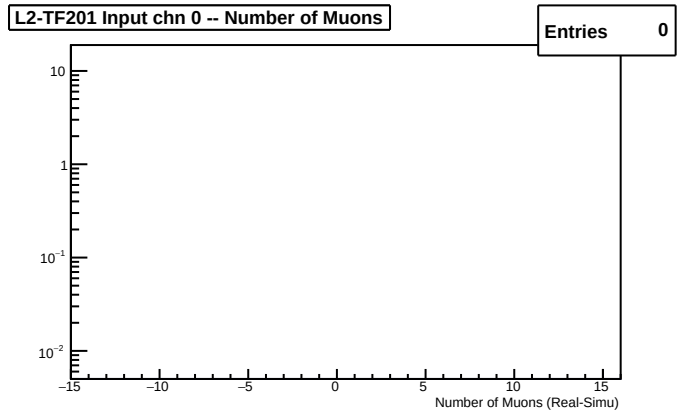

L2-TF201
Entries 2.661077e+07
Threshold/UPC bits
2.63189e+06
2.70448e+06
2.51298e+06
2.61981e+06
2.68511e+06
2.5746e+06
2.9109e+06
1.16965e+06
1.09706e+06
1.28856e+06
1.18173e+06
1.11642e+06
1.22694e+06
890644
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

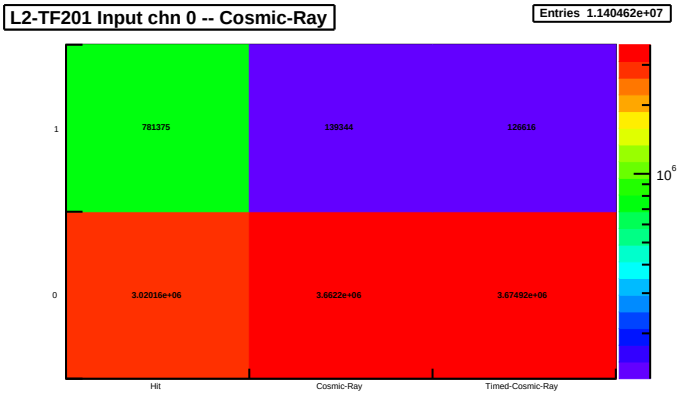

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

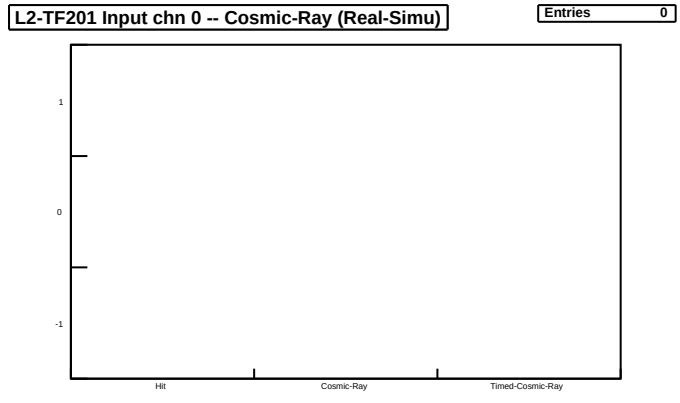

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.041231e+07
Fired
1.1362e+06
928689
1.95188e+06
1.96413e+06
1.3499e+06
1.32642e+06
1.24343e+06
1.42459e+06
2.66534e+06
2.87285e+06
1.84966e+06
1.83741e+06
2.45164e+06
2.47512e+06
2.5581e+06
2.37695e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

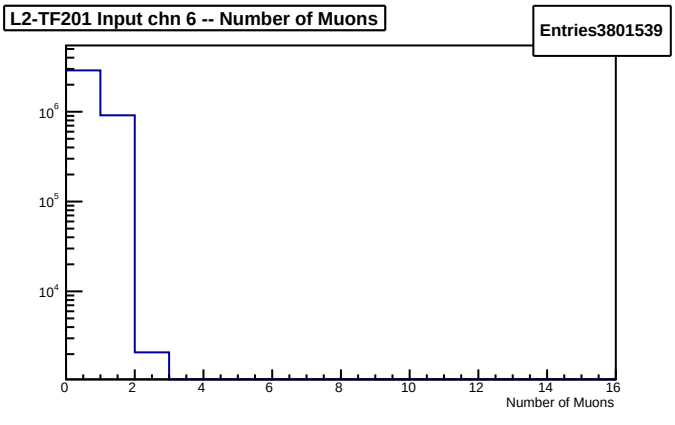

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

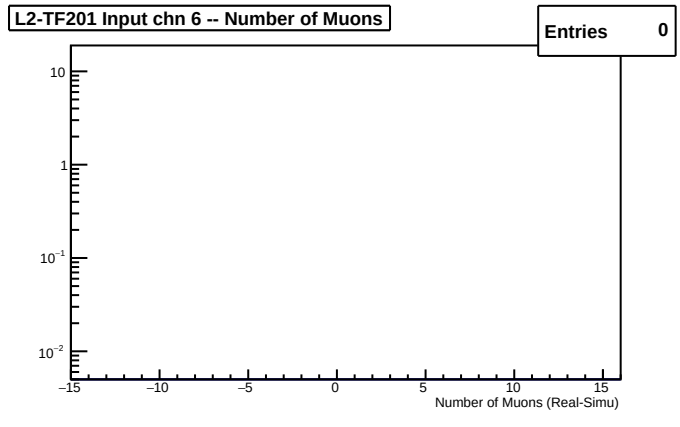

L2-TF201 Input chn 0 -- Number of Muons
Entries3801539
Number of Muons

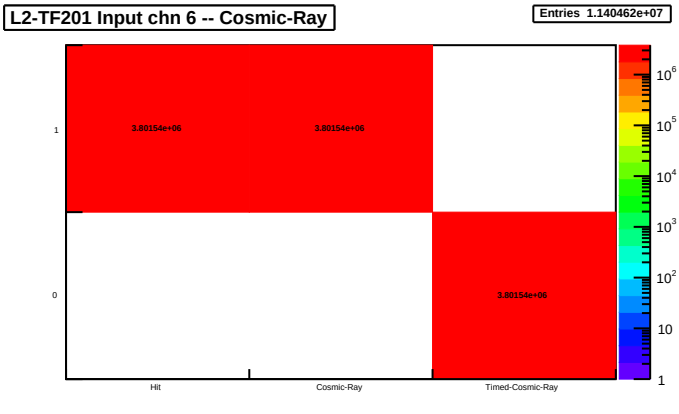

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

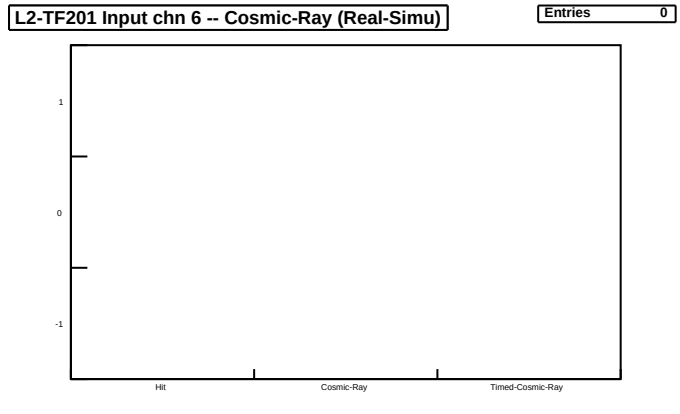

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.140462e+07
781375
139344
126616
3.02016e+06
3.6622e+06
3.67492e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

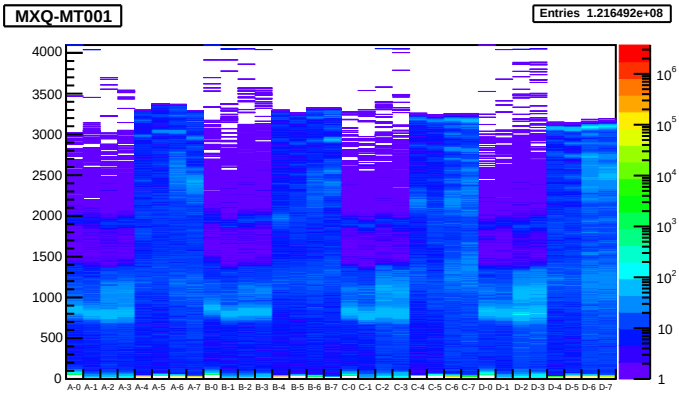

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

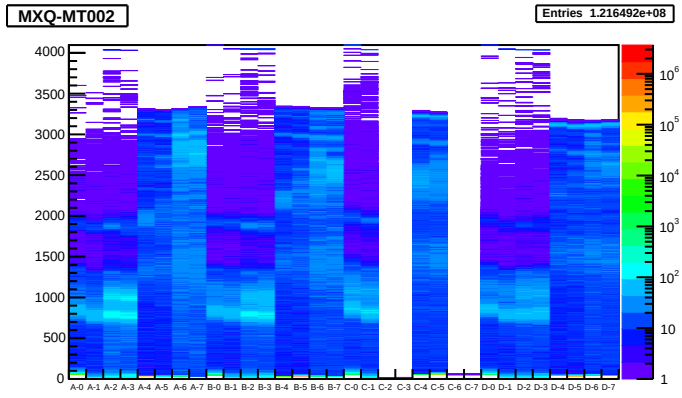

L2-TF201 Input chn 6 -- Number of Muons
Entries3801539
Number of Muons

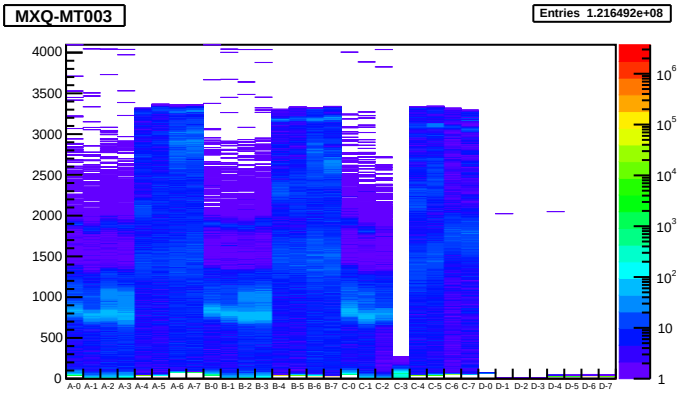

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

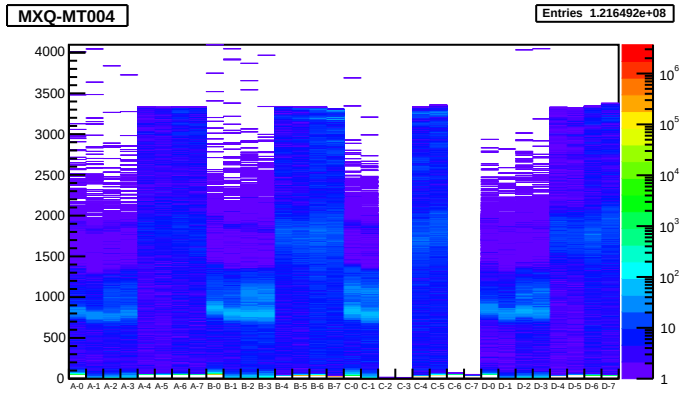

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.140462e+07
3.80154e+06
3.80154e+06
3.80154e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

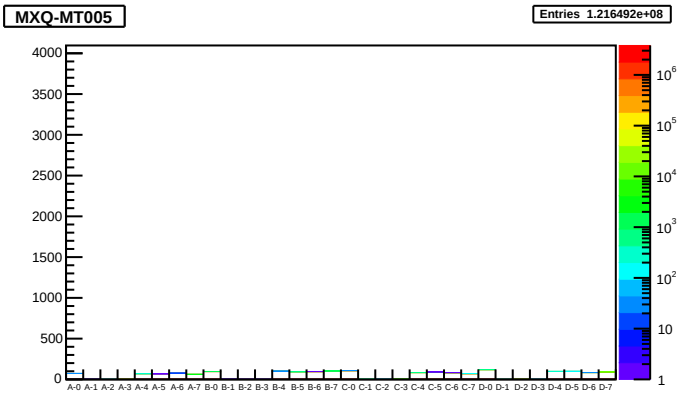

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

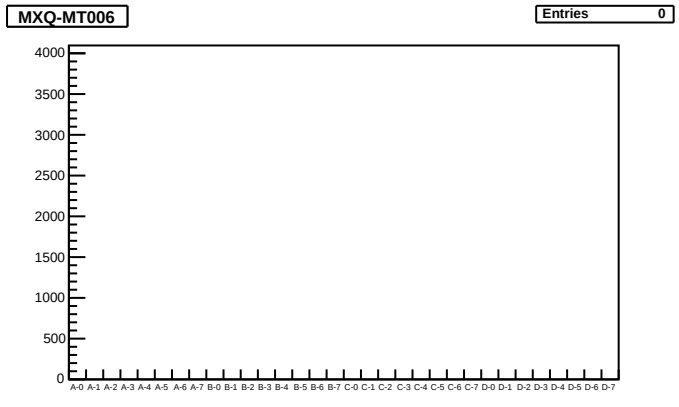

MXQ-MT001
Entries 1.216492e+08

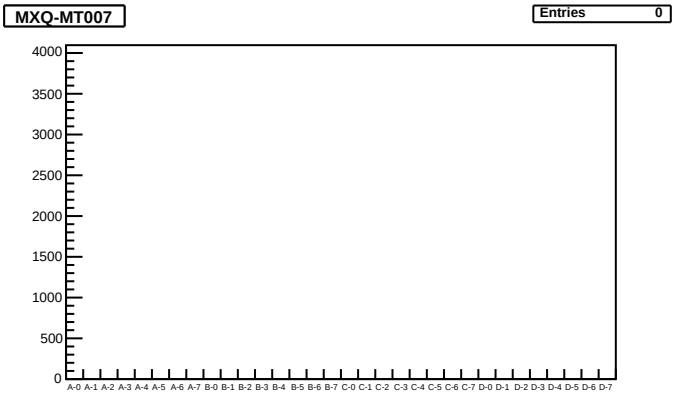

MXQ-MT002
Entries 1.216492e+08

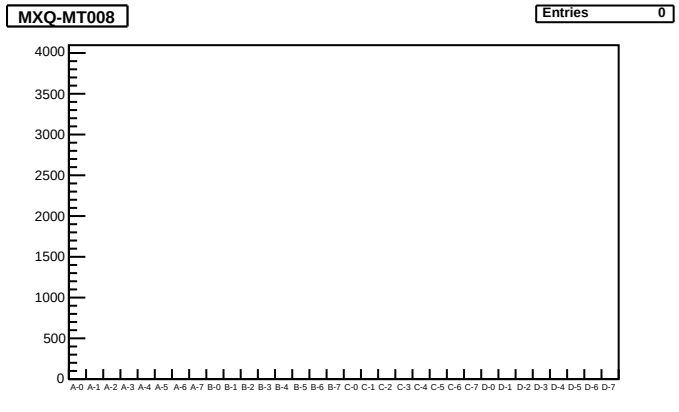

MXQ-MT003
Entries 1.216492e+08

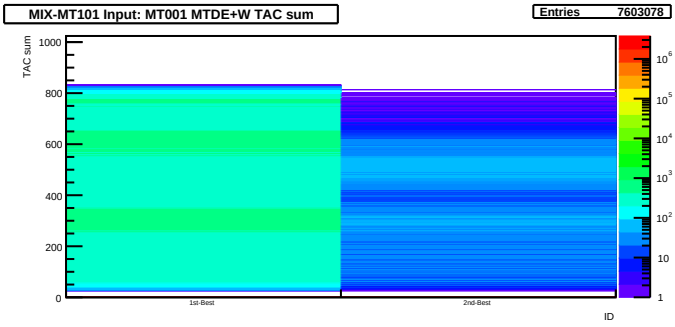

MXQ-MT004
Entries 1.216492e+08

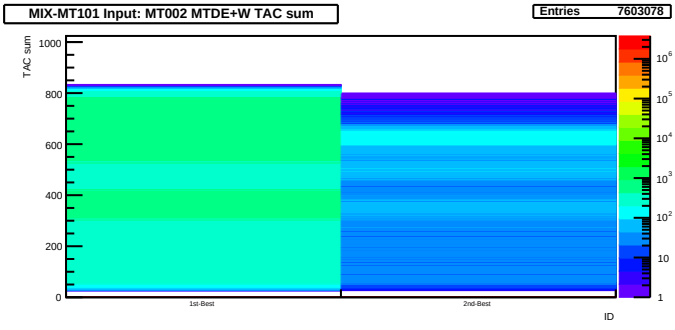

MXQ-MT005
Entries 1.216492e+08

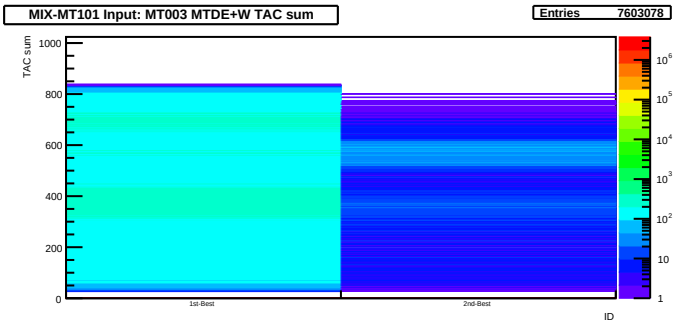

MXQ-MT006
Entries 0

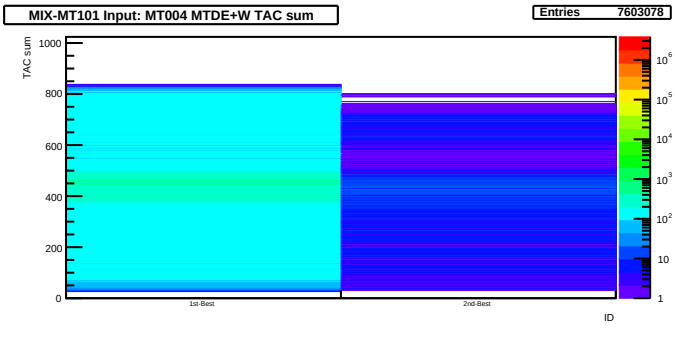

MXQ-MT007
Entries 0

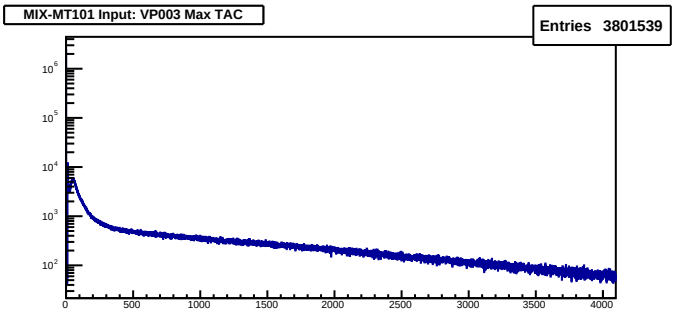

MXQ-MT008
Entries 0

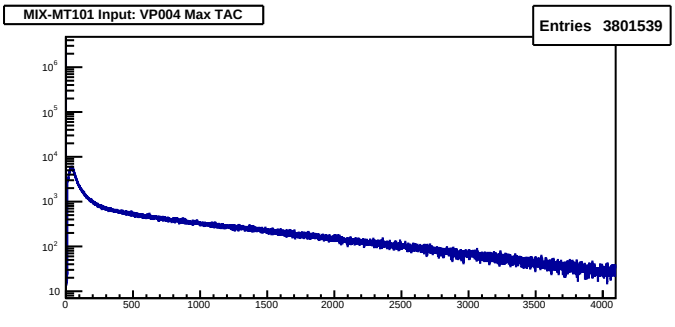

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 7603078
TAC sum
1st-Best
2nd-Best
ID

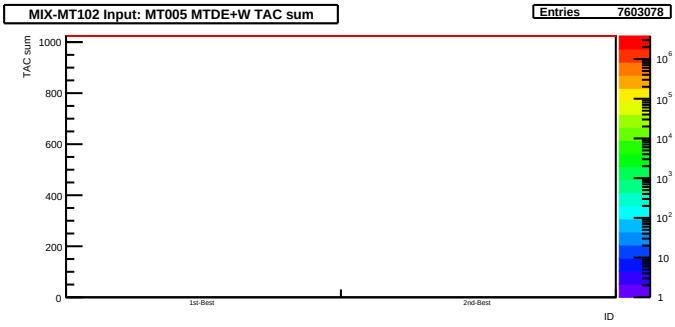

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 7603078
TAC sum
1st-Best
2nd-Best
ID

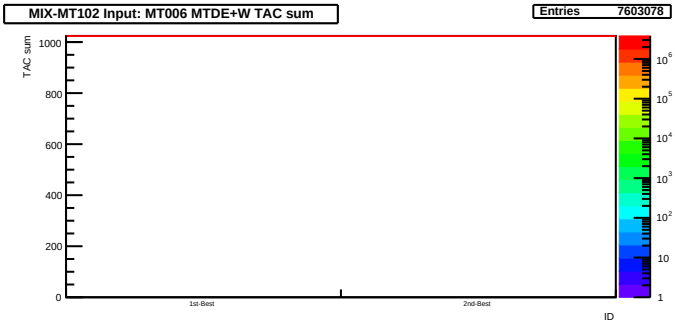

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 7603078
TAC sum
1st-Best
2nd-Best
ID

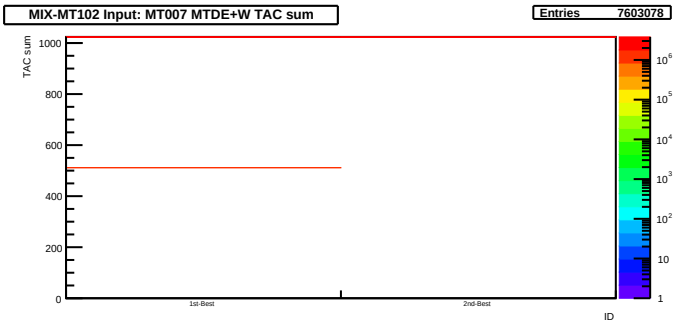

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 7603078
TAC sum
1st-Best
2nd-Best
ID

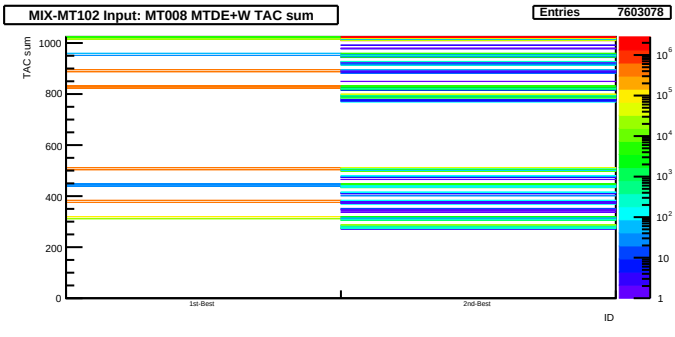

MIX-MT101 Input: VP003 Max TAC
Entries 3801539

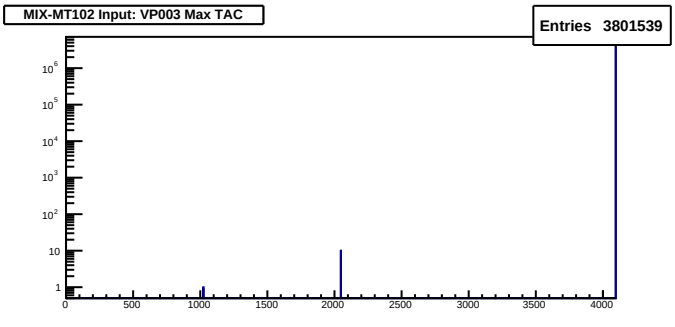

MIX-MT101 Input: VP004 Max TAC
Entries 3801539

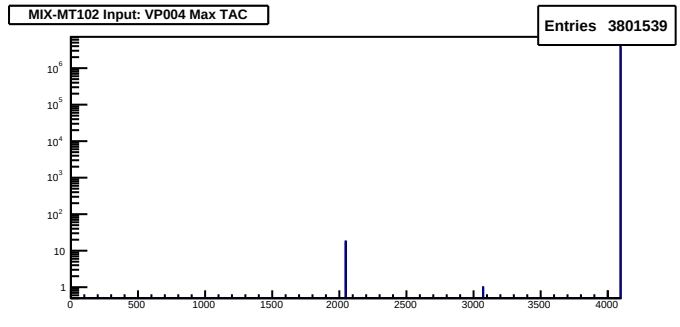

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 7603078
TAC sum
1st-Best
2nd-Best
ID

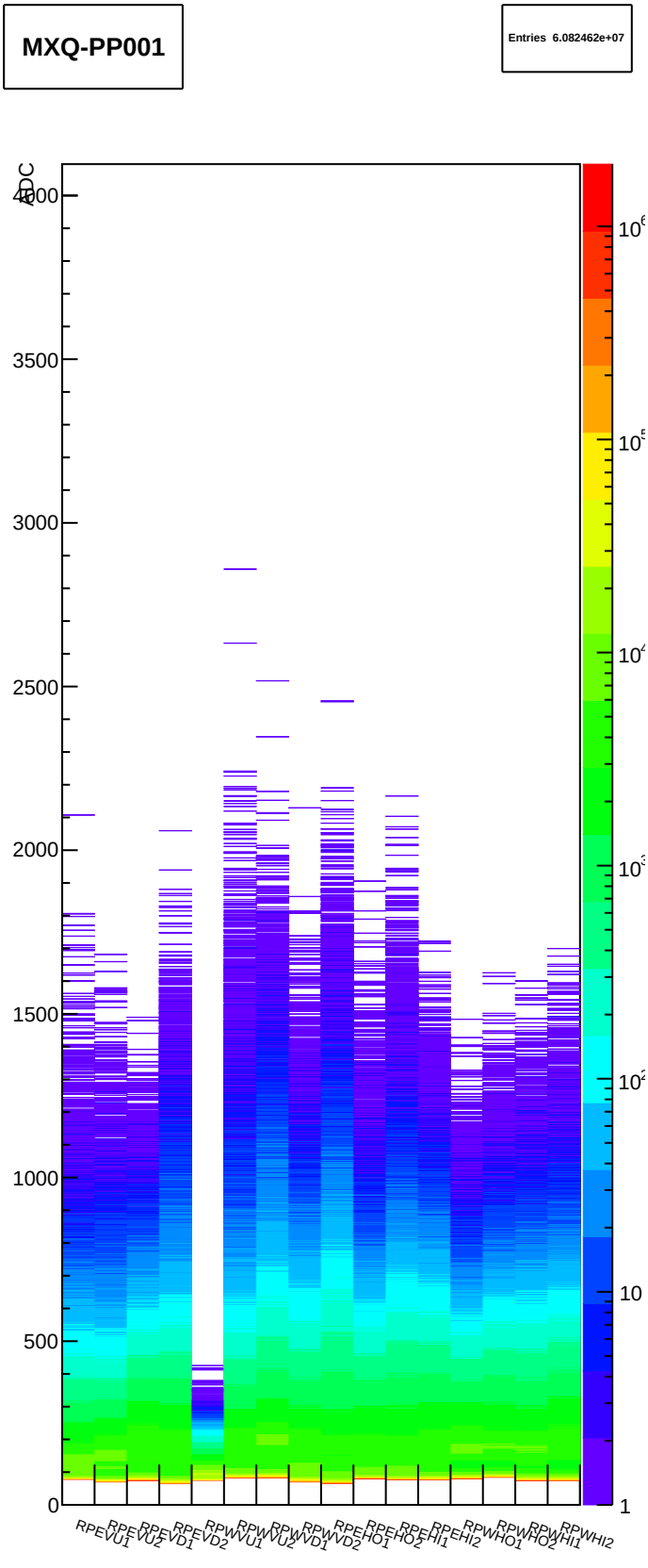

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 7603078
TAC sum
1st-Best
2nd-Best
ID

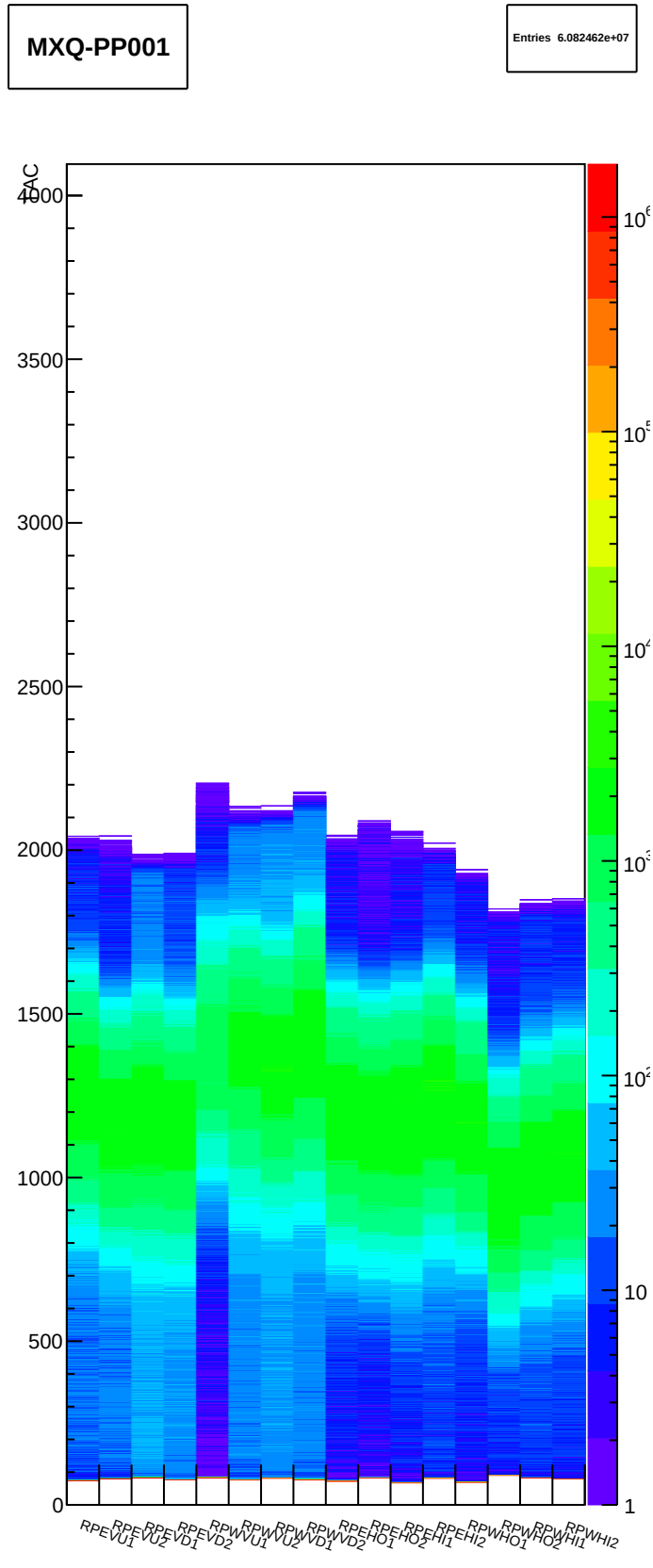

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 7603078
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 7603078
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 3801539


MIX-MT102 Input: VP004 Max TAC
Entries 3801539


MXQ-PP001
Entries 6.082462e+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 6.082462e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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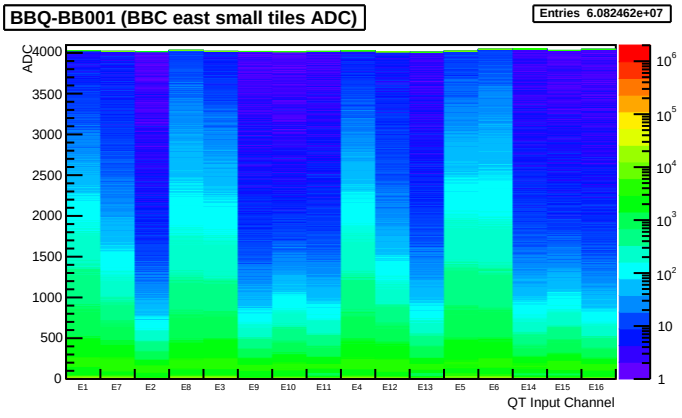
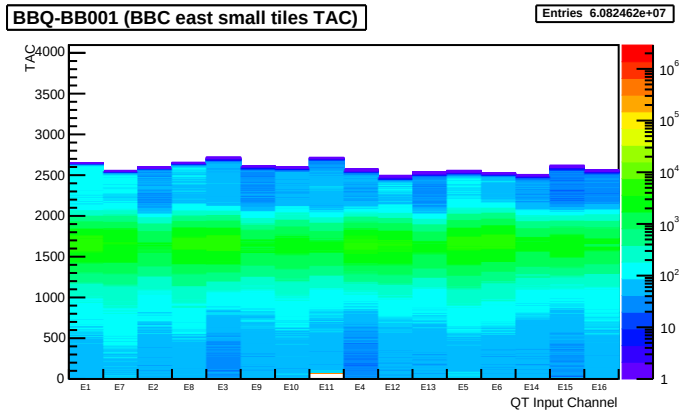
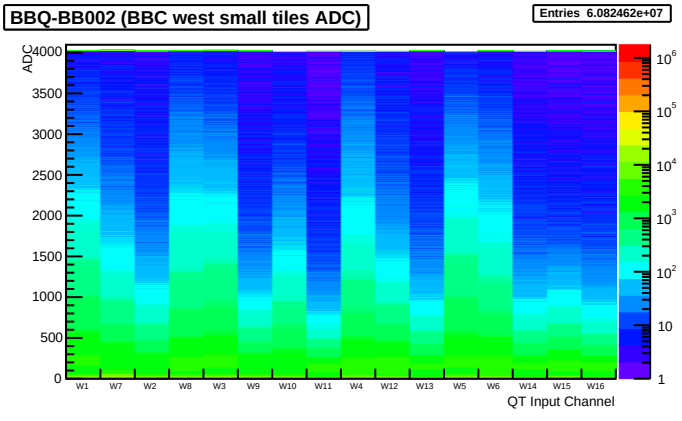
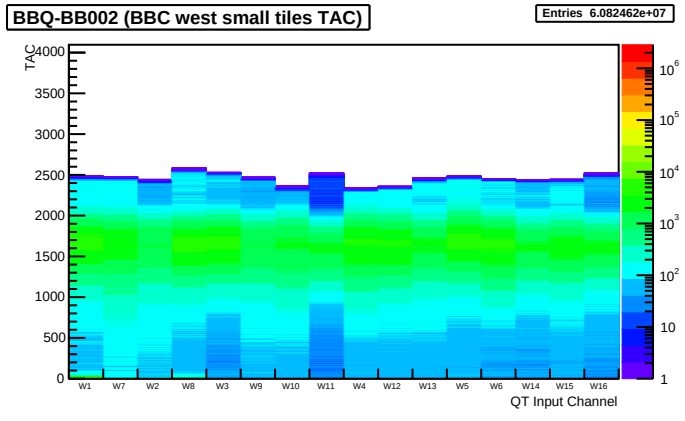
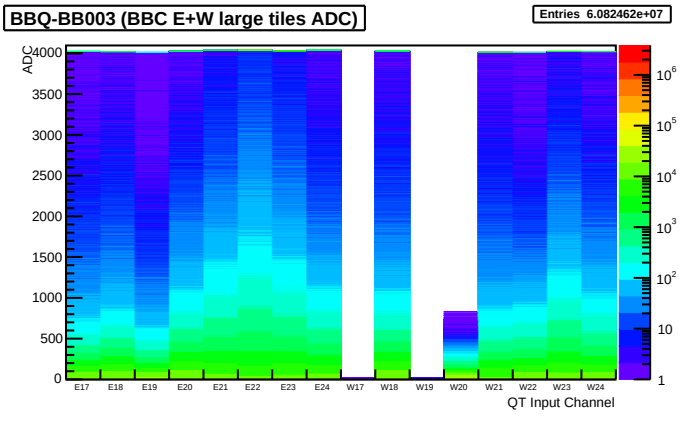
RPWHO2
RPWHI1
RPWHI2
1
10

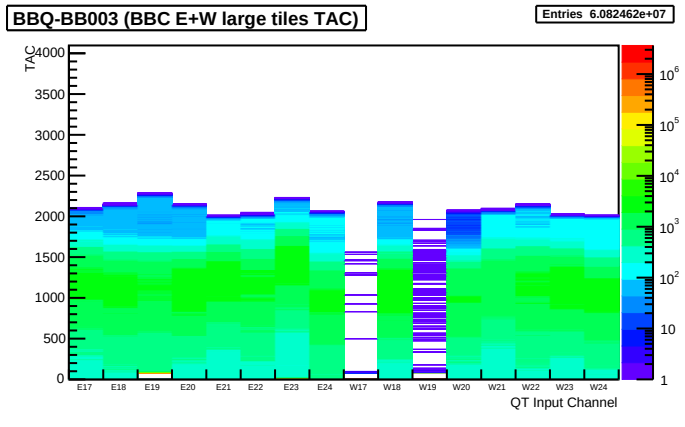

BBQ-BB001 (BBC east small tiles ADC)
Entries 6.082462e+07
ADC
QT Input Channel

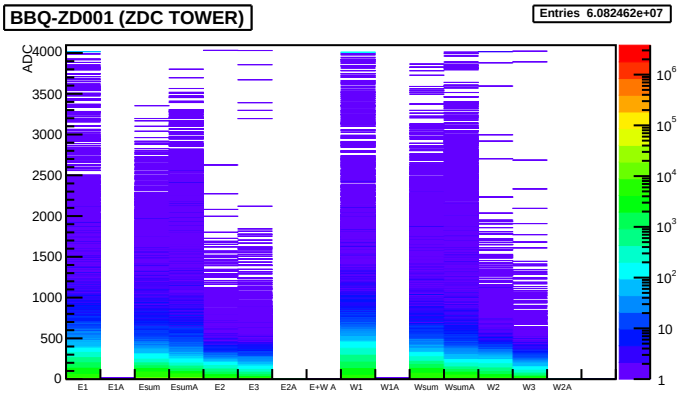

BBQ-BB001 (BBC east small tiles TAC)
Entries 6.082462e+07
TAC
QT Input Channel

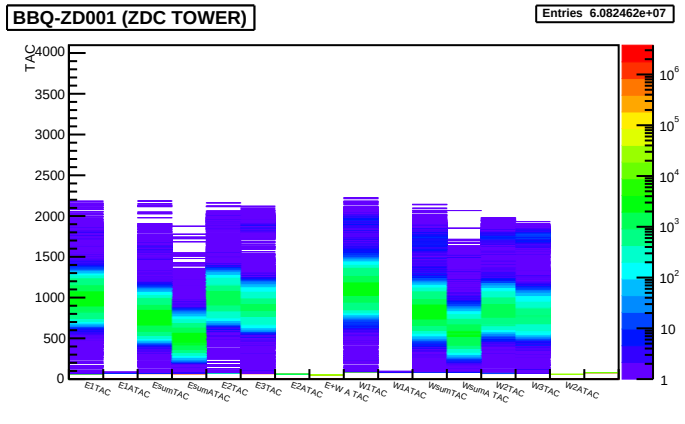

BBQ-BB002 (BBC west small tiles ADC)
Entries 6.082462e+07
ADC
QT Input Channel

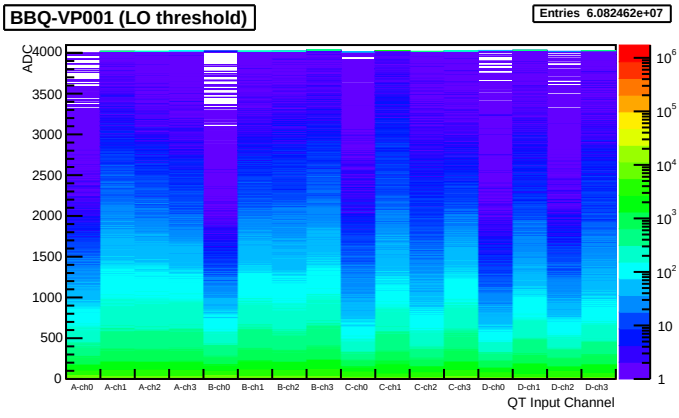

BBQ-BB002 (BBC west small tiles TAC)
Entries 6.082462e+07
TAC
QT Input Channel

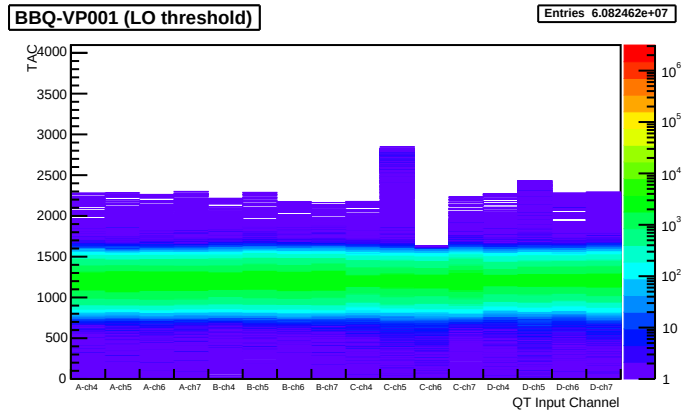

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.082462e+07
ADC
QT Input Channel

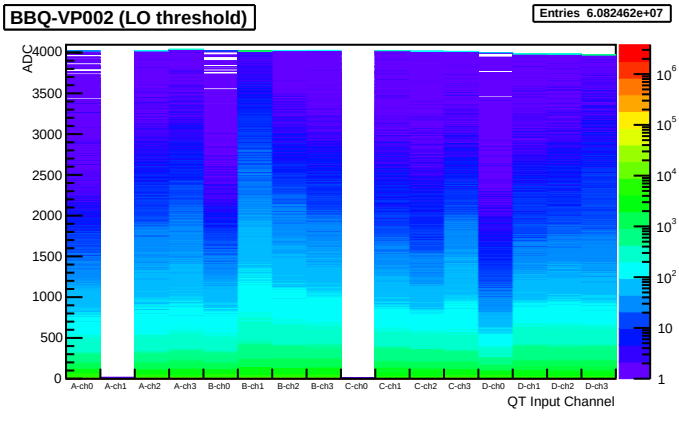

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.082462e+07
TAC
QT Input Channel

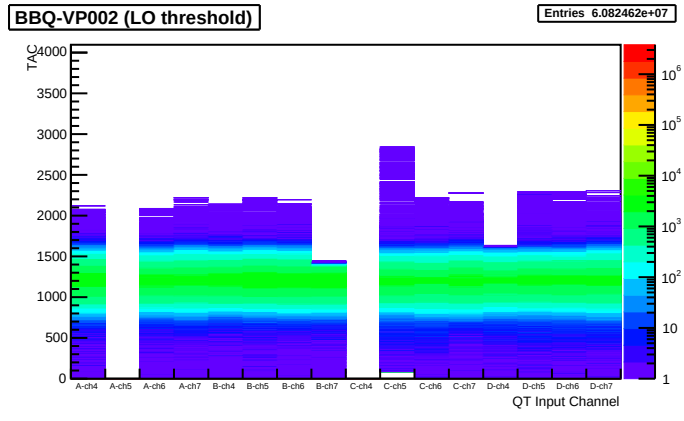

BBQ-ZD001 (ZDC TOWER)
Entries 6.082462e+07
ADC

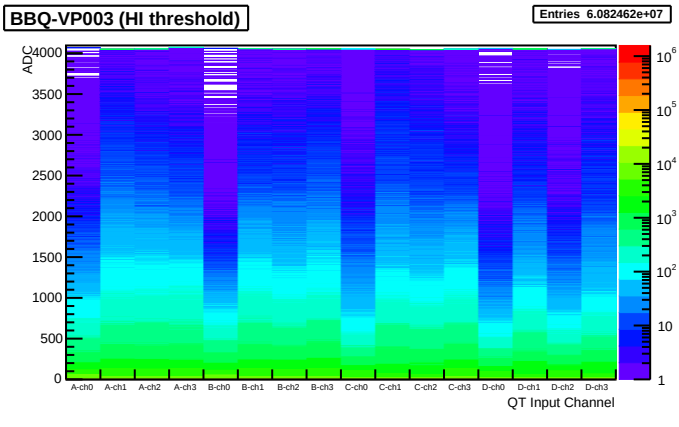

BBQ-ZD001 (ZDC TOWER)
Entries 6.082462e+07
TAC

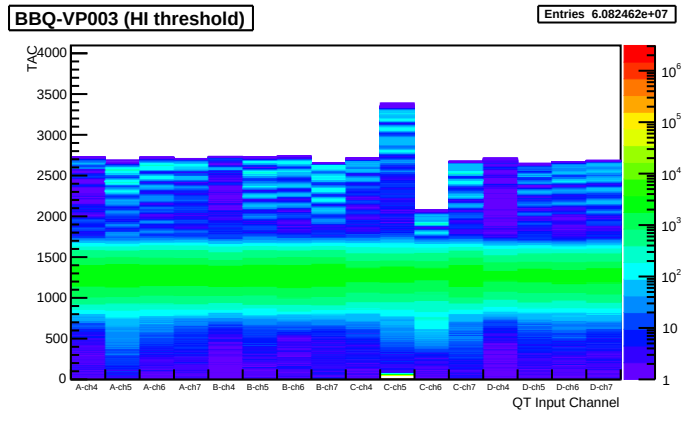

BBQ-VP001 (LO threshold)
Entries 6.082462e+07
ADC
QT Input Channel

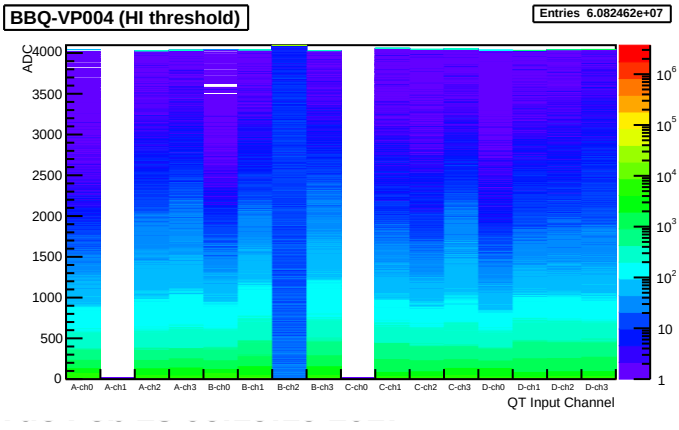

BBQ-VP001 (LO threshold)
Entries 6.082462e+07
TAC
QT Input Channel

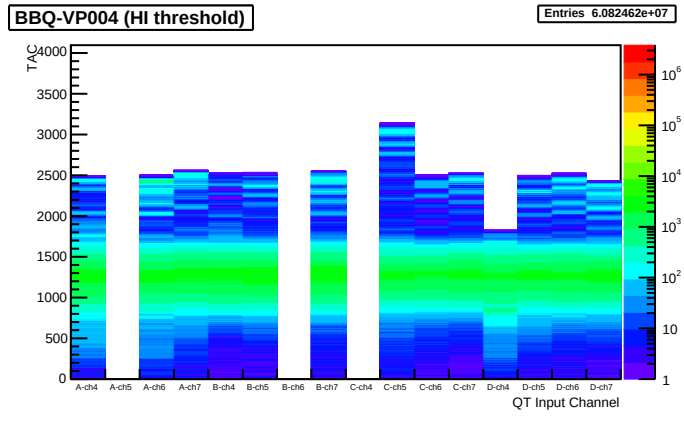

BBQ-VP002 (LO threshold)
Entries 6.082462e+07
ADC
QT Input Channel

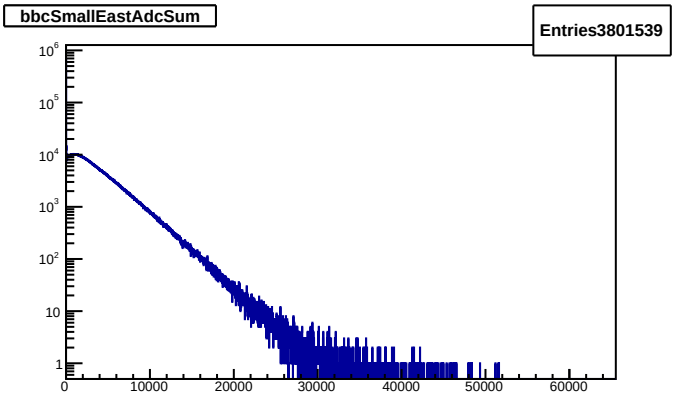

BBQ-VP002 (LO threshold)
Entries 6.082462e+07
TAC
QT Input Channel

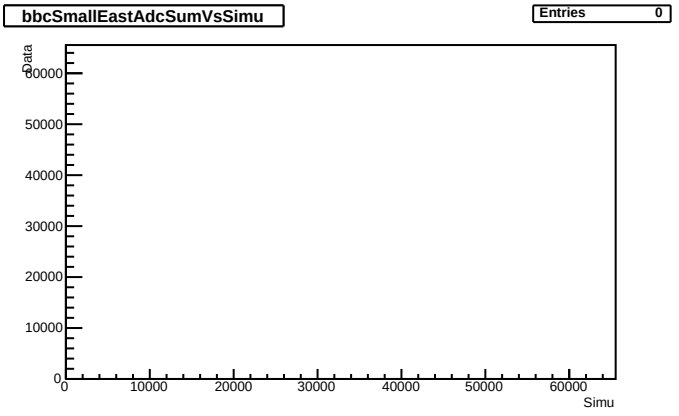

BBQ-VP003 (HI threshold)
Entries 6.082462e+07
ADC
QT Input Channel

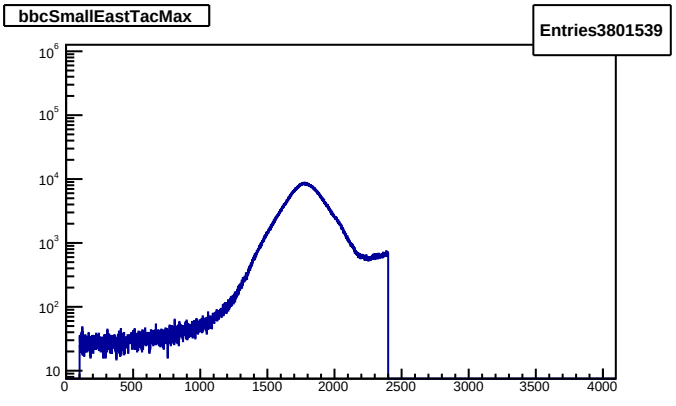

BBQ-VP003 (HI threshold)
Entries 6.082462e+07
TAC
QT Input Channel

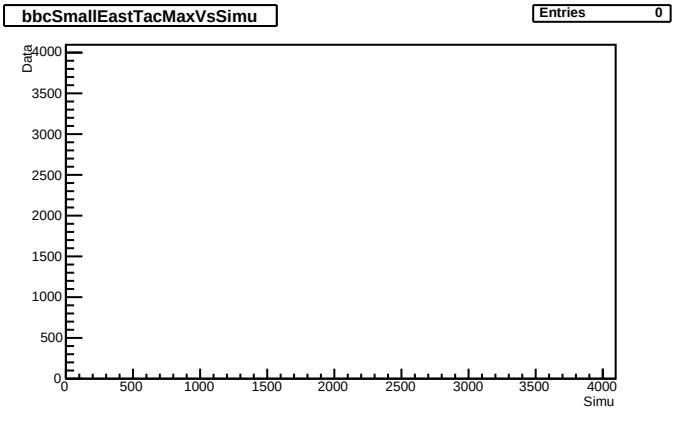

BBQ-VP004 (HI threshold)
Entries 6.082462e+07
ADC
QT Input Channel

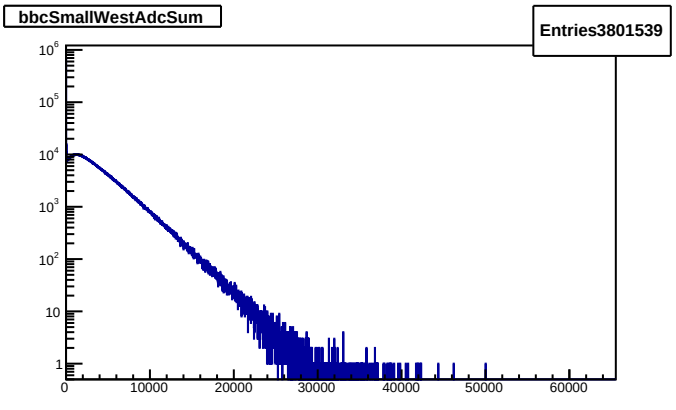

BBQ-VP004 (HI threshold)
Entries 6.082462e+07
TAC
QT Input Channel

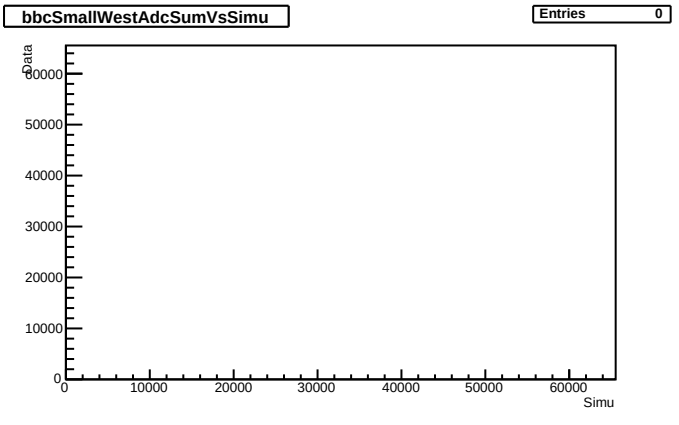

bbcSmallEastAdcSum
Entries3801539

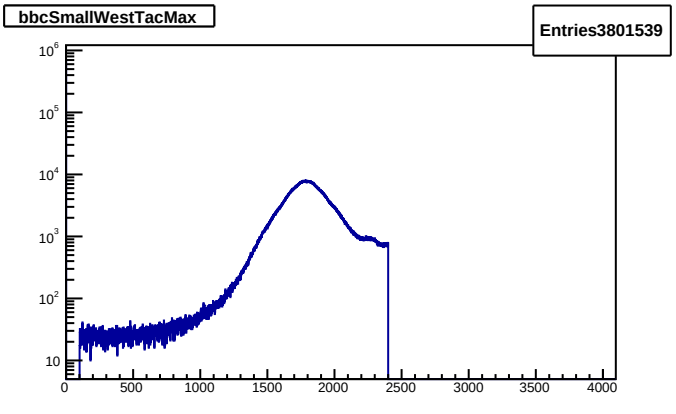

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

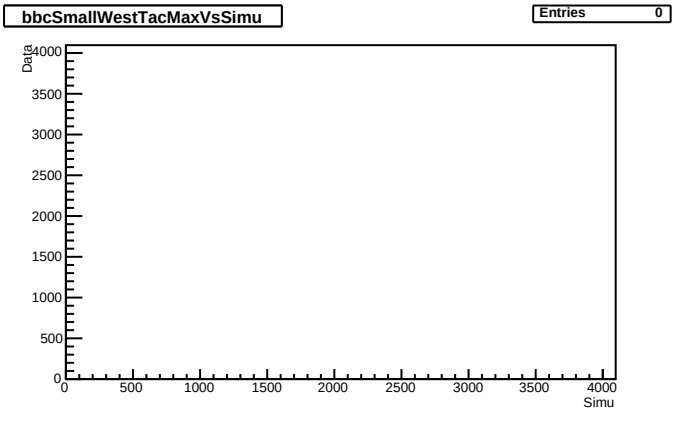

bbcSmallEastTacMax
Entries3801539

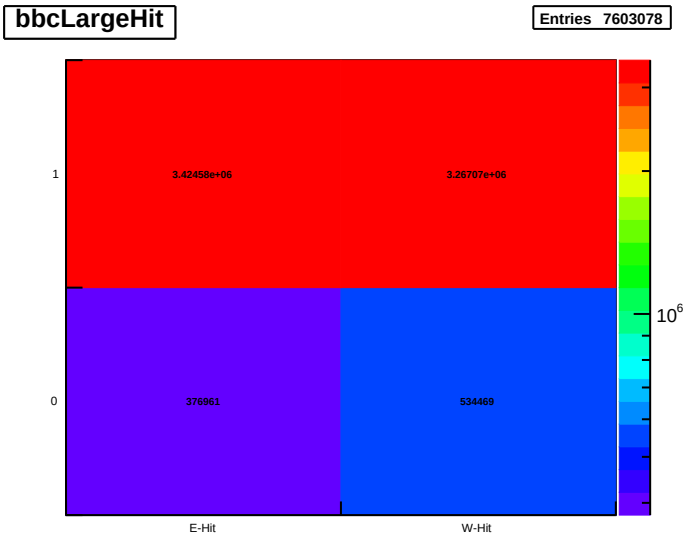

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

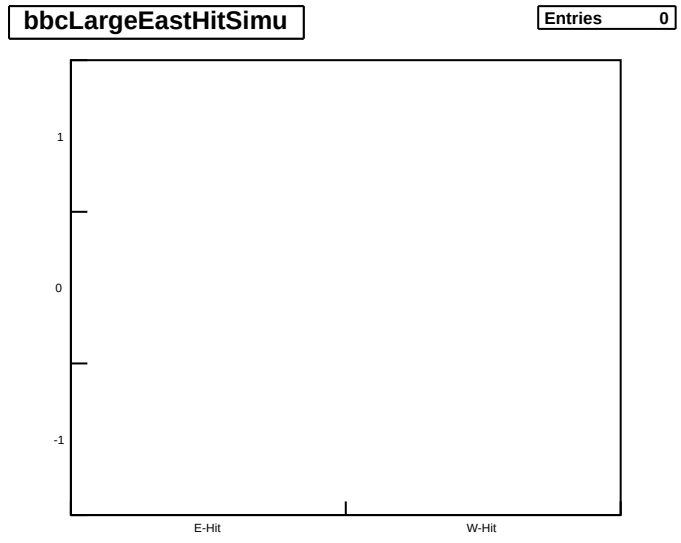

bbcSmallWestAdcSum
Entries3801539

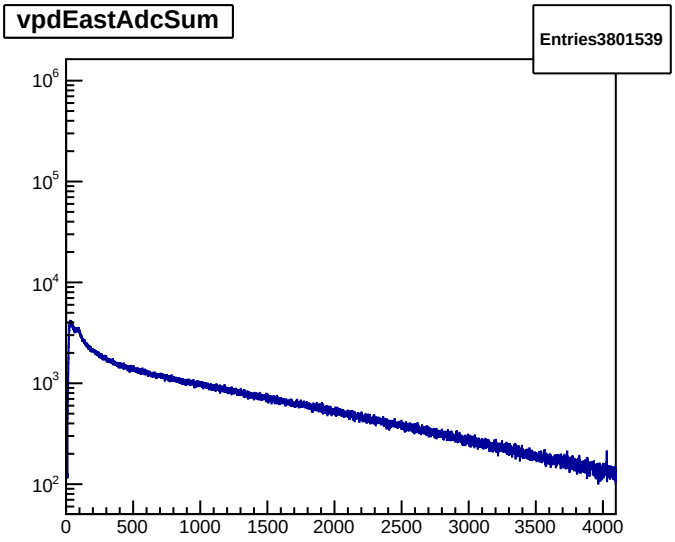

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

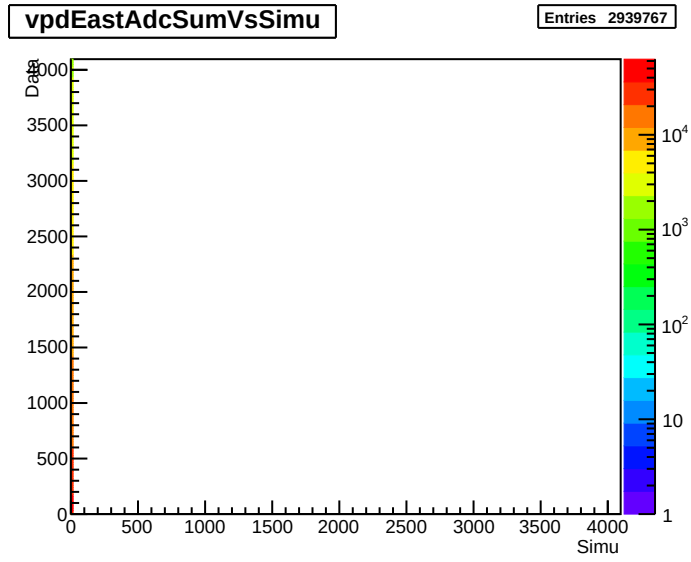

bbcSmallWestTacMax
Entries3801539

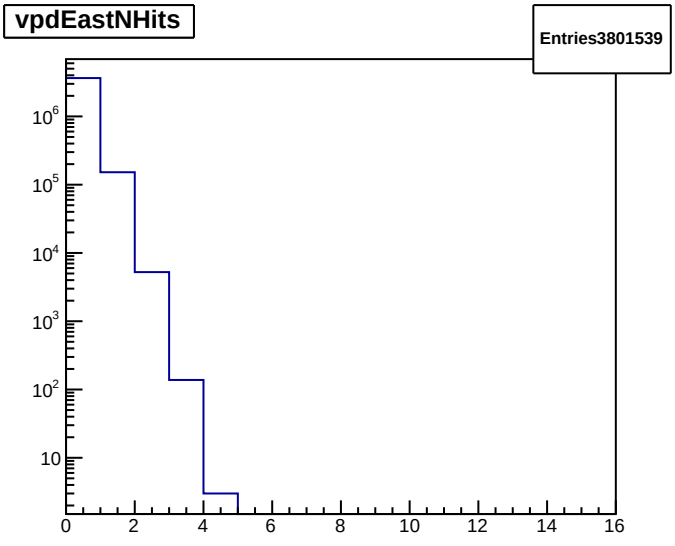

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

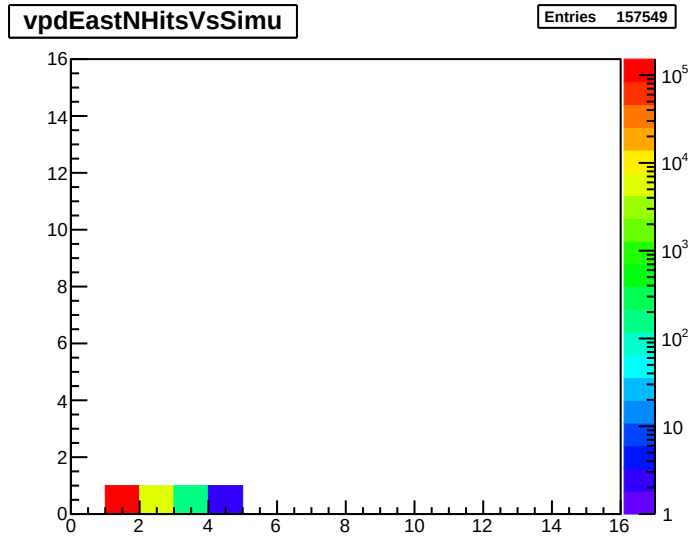

bbcLargeHit
Entries 7603078
1
0
3.42458e+06
3.26707e+06
376961
534469
E-Hit
W-Hit
10^6

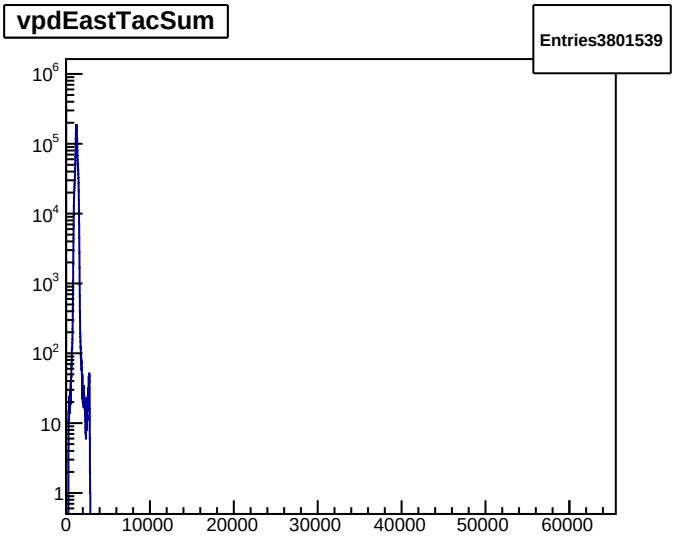

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

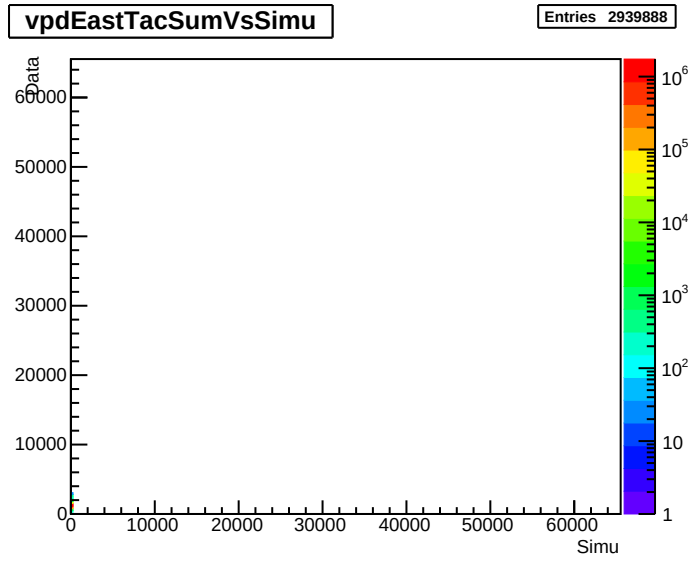

vpdEastAdcSum
Entries3801539

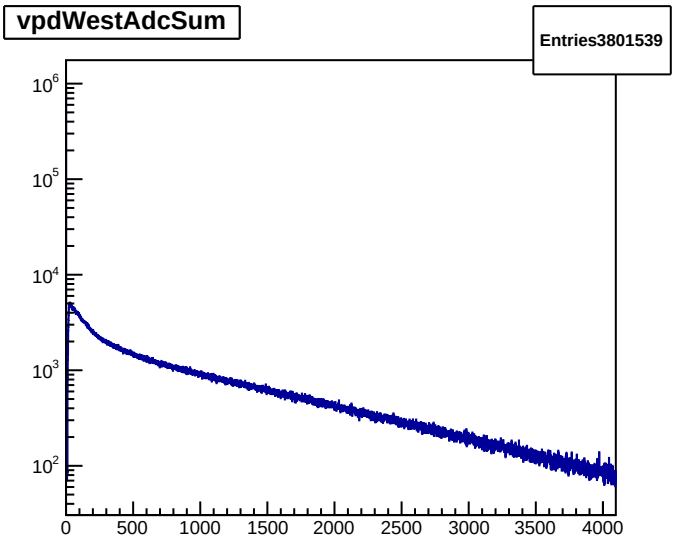

vpdEastAdcSumVsSimu
Entries 2939767
Data
Simu

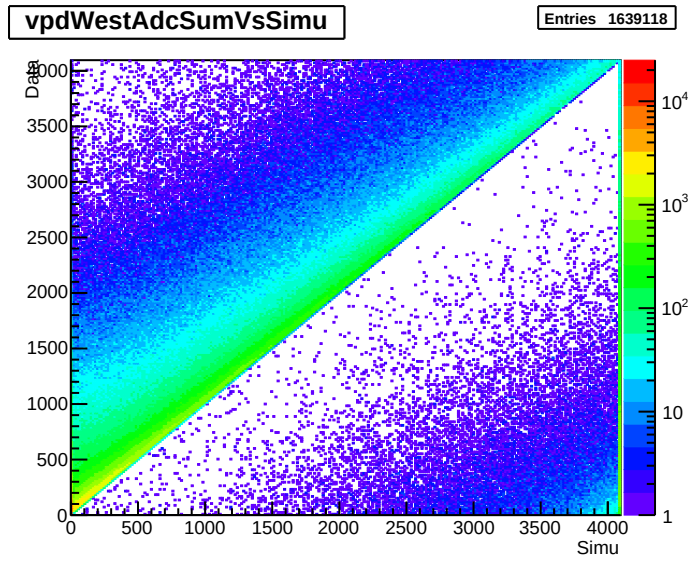

vpdEastNHits
Entries3801539

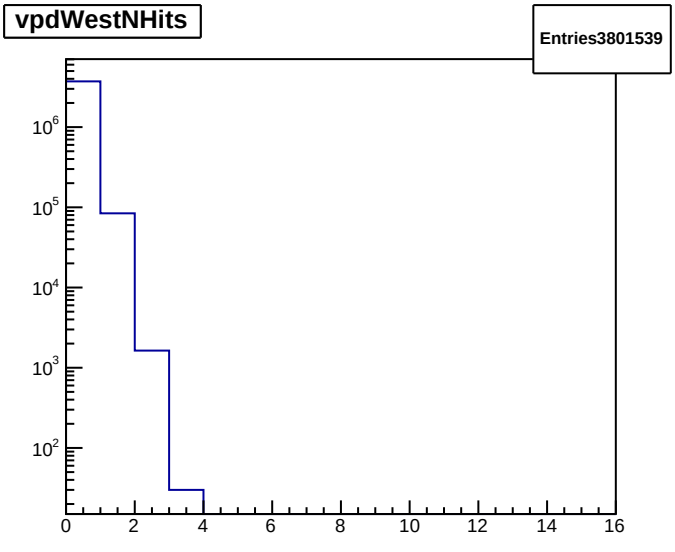

vpdEastNHitsVsSimu
Entries 157549

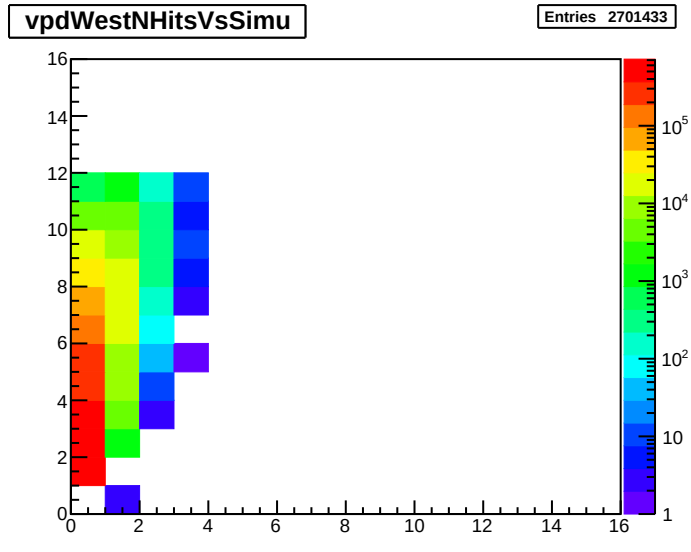

vpdEastTacSum
Entries3801539

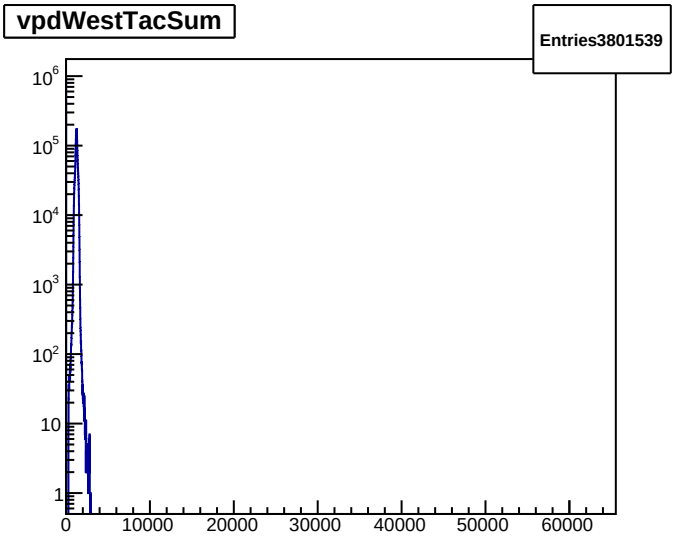

vpdEastTacSumVsSimu
Entries 2939888
Data
Simu

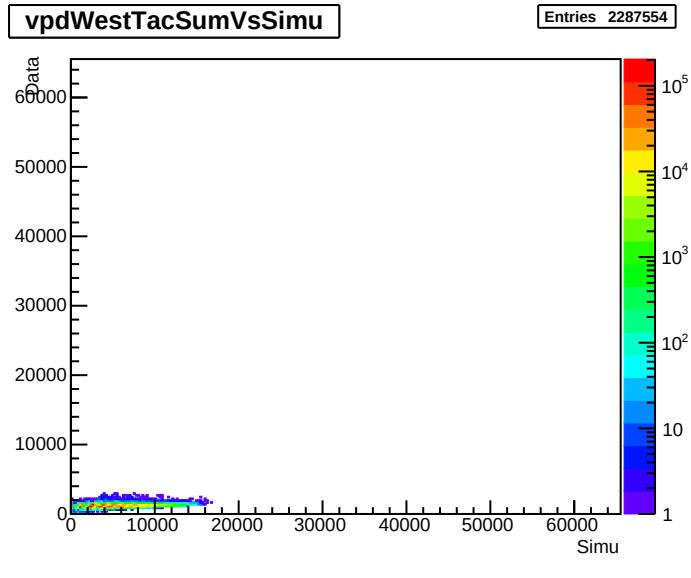

vpdWestAdcSum
Entries3801539

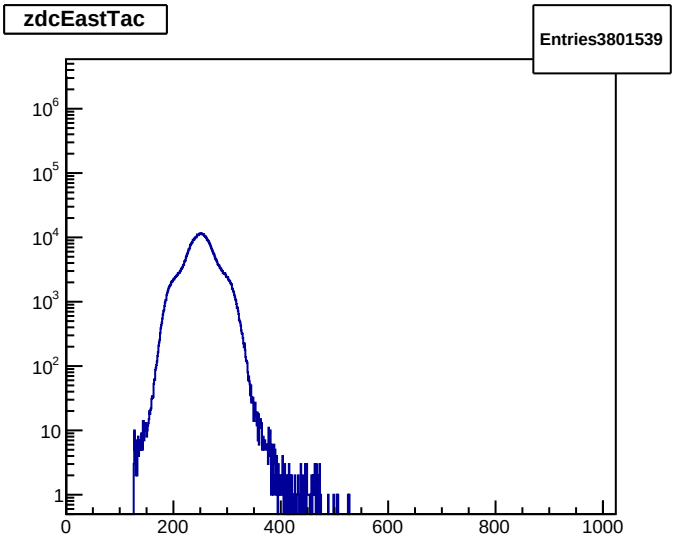

vpdWestAdcSumVsSimu
Entries 1639118
Data
Simu

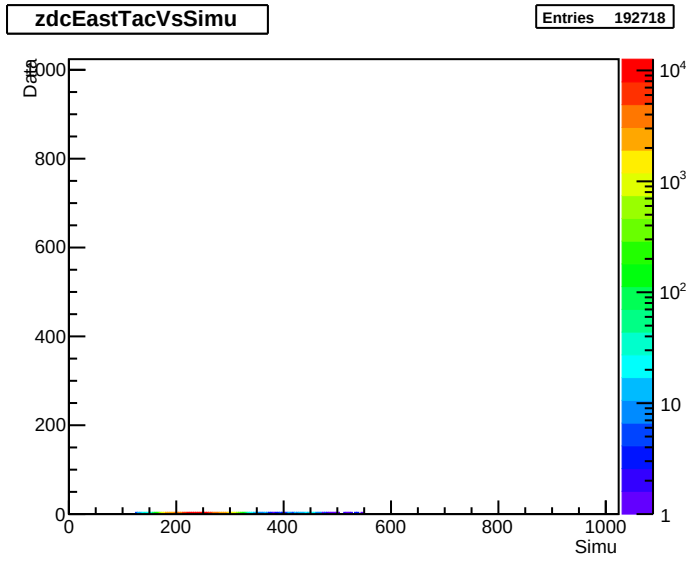

vpdWestNHits
Entries3801539

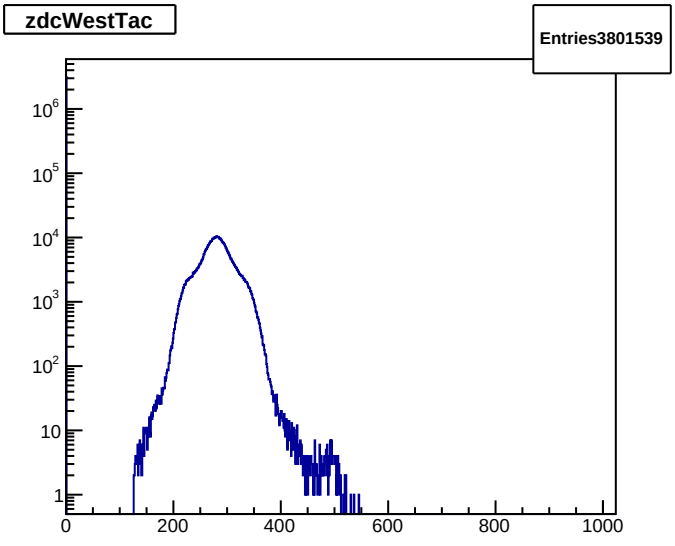

vpdWestNHitsVsSimu
Entries 2701433

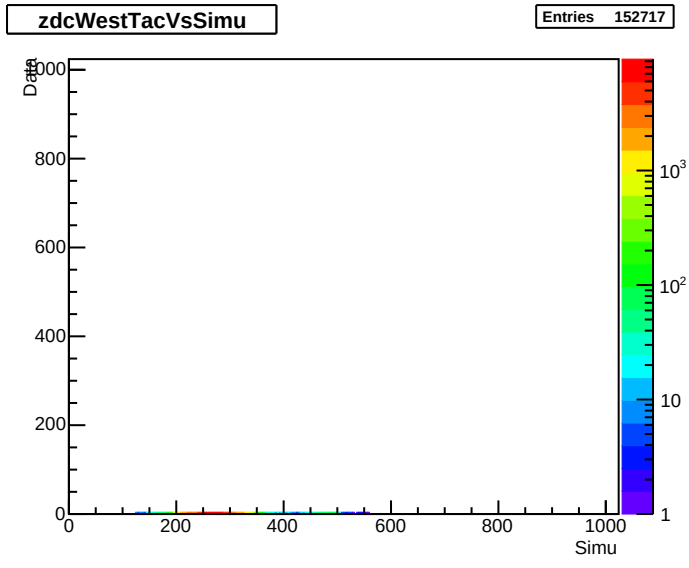

vpdWestTacSum
Entries3801539

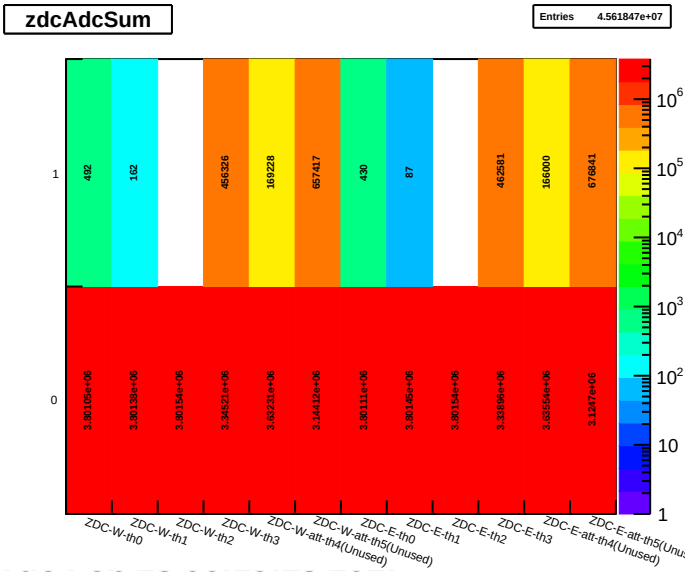

vpdWestTacSumVsSimu
Entries 2287554
Data
Simu

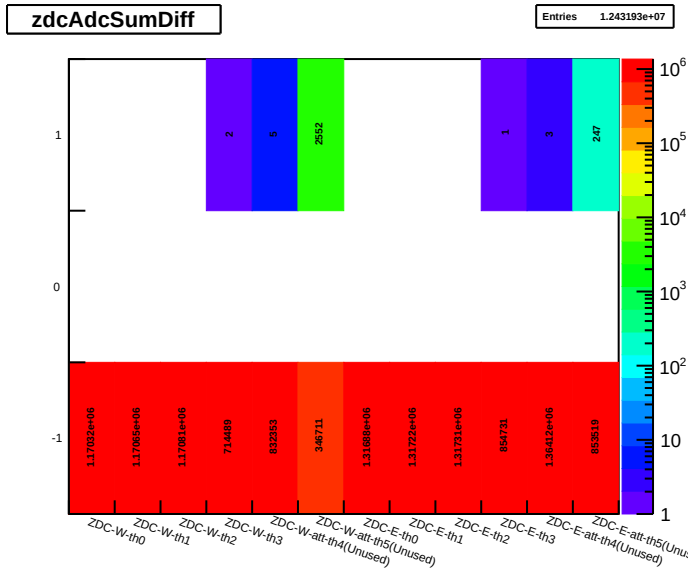

zdcEastTac
Entries3801539

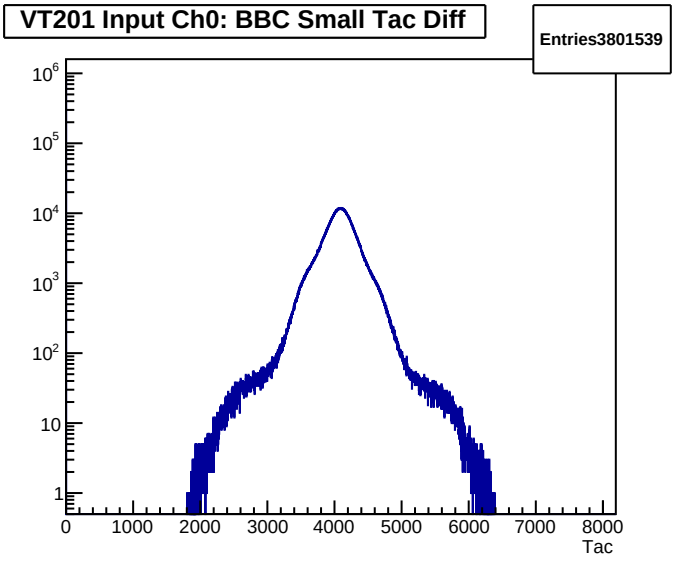

zdcEastTacVsSimu
Entries 192718
Data
Simu

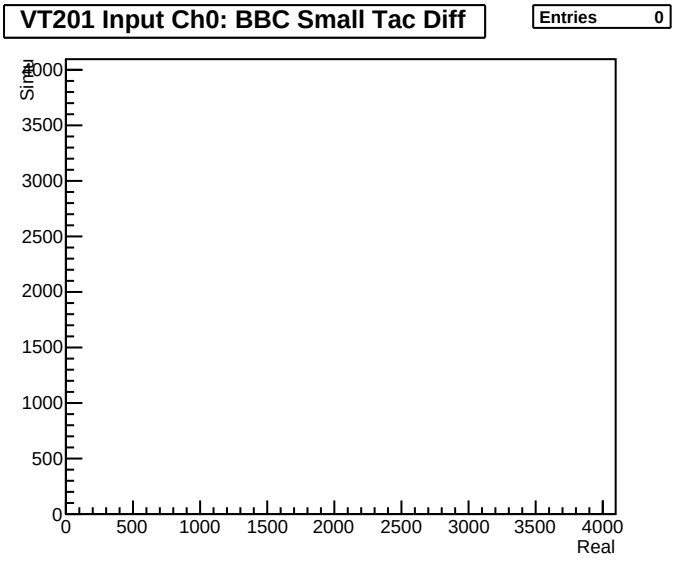

zdcWestTac
Entries3801539

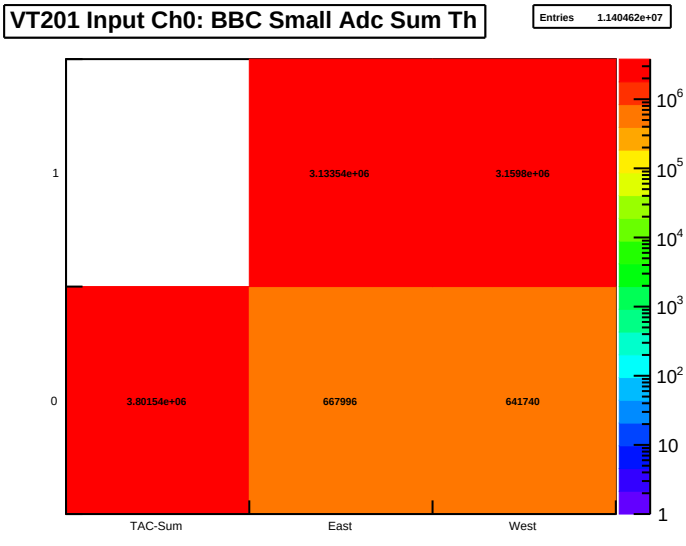

zdcWestTacVsSimu
Entries 152717
Data
Simu

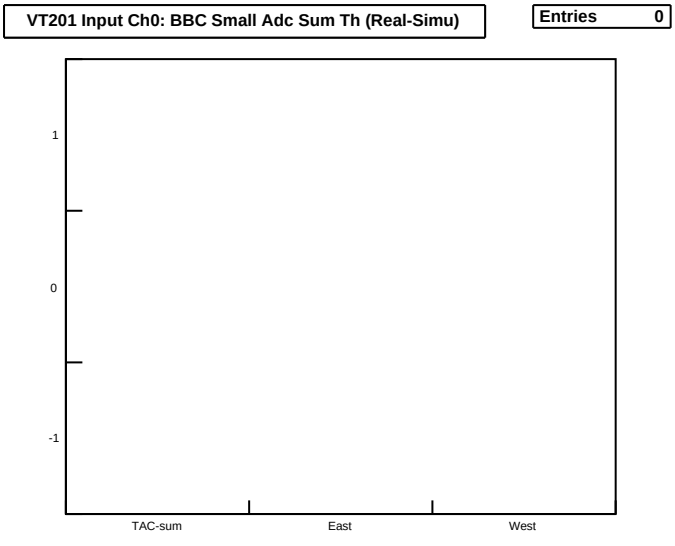

zdcAdcSum
Entries 4.561847e+07
492
162
456326
169228
657417
430
87
462581
166000
676841
3.80105e+06
3.80138e+06
3.80154e+06
3.34521e+06
3.63231e+06
3.14412e+06
3.80111e+06
3.80145e+06
3.80154e+06
3.33696e+06
3.63554e+06
3.1247e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

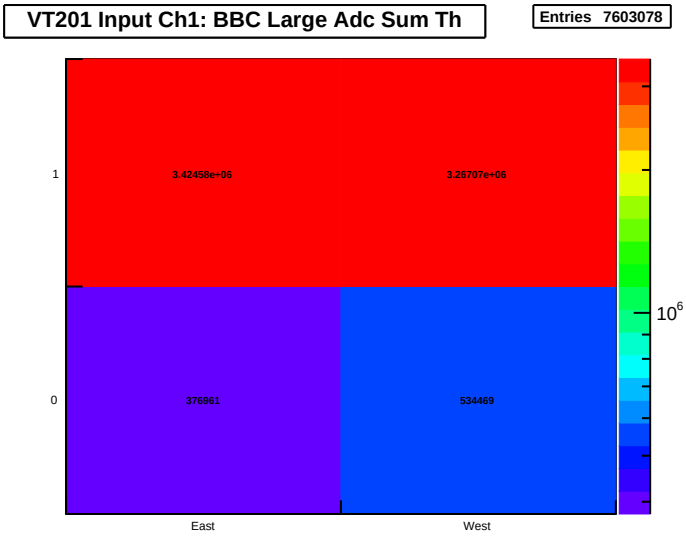

zdcAdcSumDiff
Entries 1.243193e+07
2
5
2552
1
3
247
1.17032e+06
1.17065e+06
1.17081e+06
714489
832353
346711
1.31688e+06
1.31722e+06
1.31731e+06
854731
1.36412e+06
853519
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

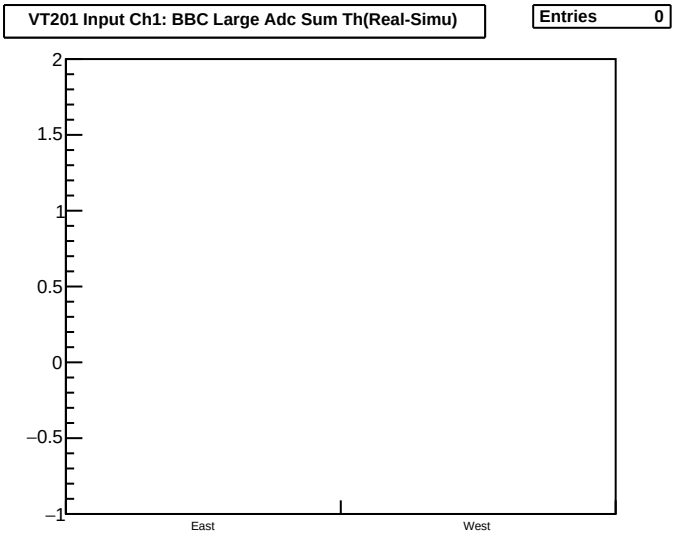

VT201 Input Ch0: BBC Small Tac Diff
Entries3801539
Tac


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

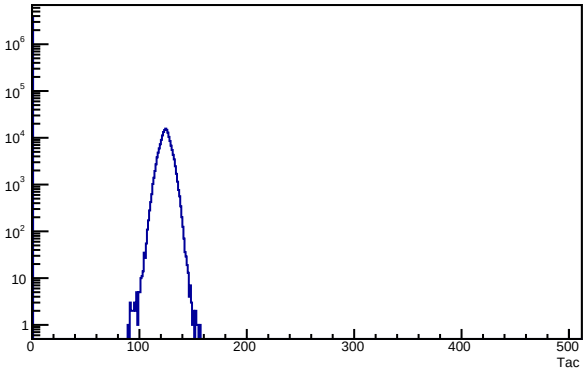

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.140462e+07
3.13354e+06
3.1598e+06
3.80154e+06
667996
641740
TAC-Sum
East
West


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

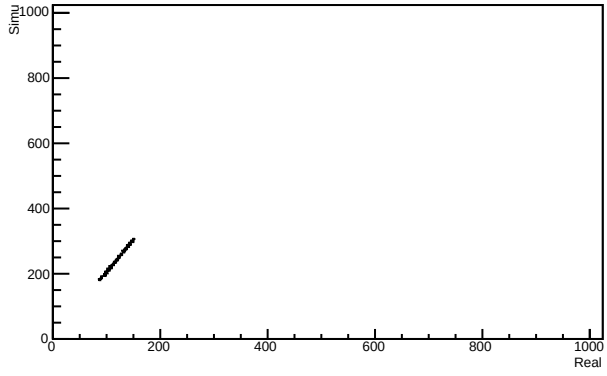

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 7603078
3.42458e+06
3.26707e+06
376961
534469
East
West


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

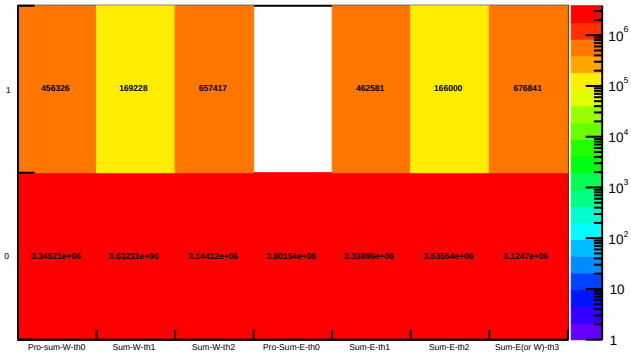
VT201 Input Ch2: ZDC Tac Diff



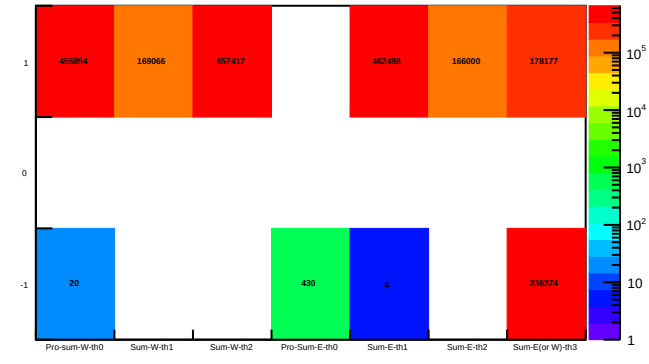
VT201 Input Ch2: ZDC Tac Diff



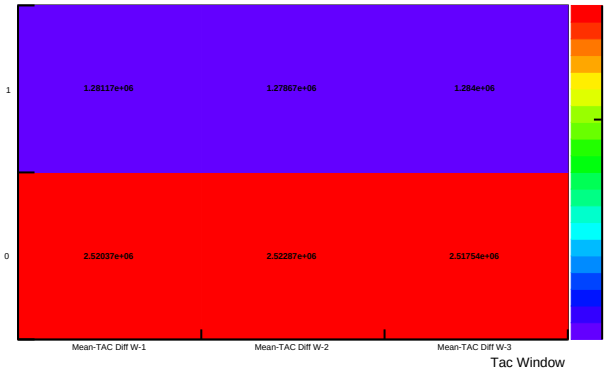
VT201 Input Ch2: ZDC Adc Sum Th



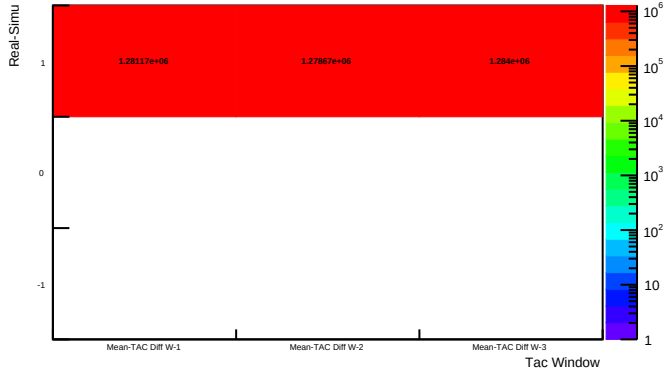
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



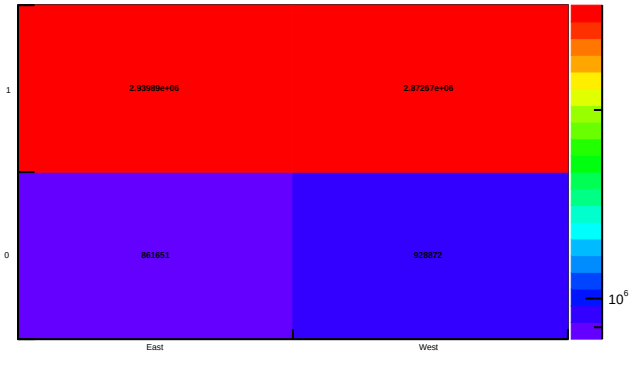
VT201 Input Ch4: VPD Tac Diff



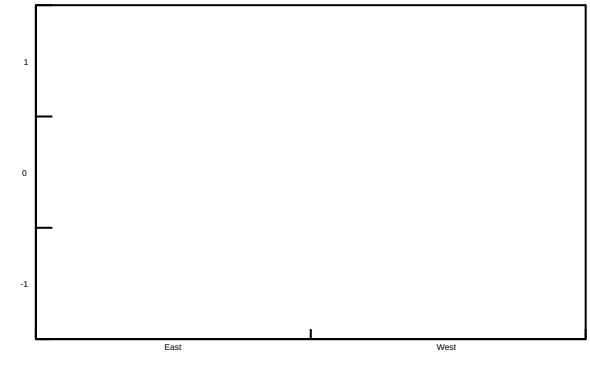
VT201 Input Ch4: VPD Tac Diff

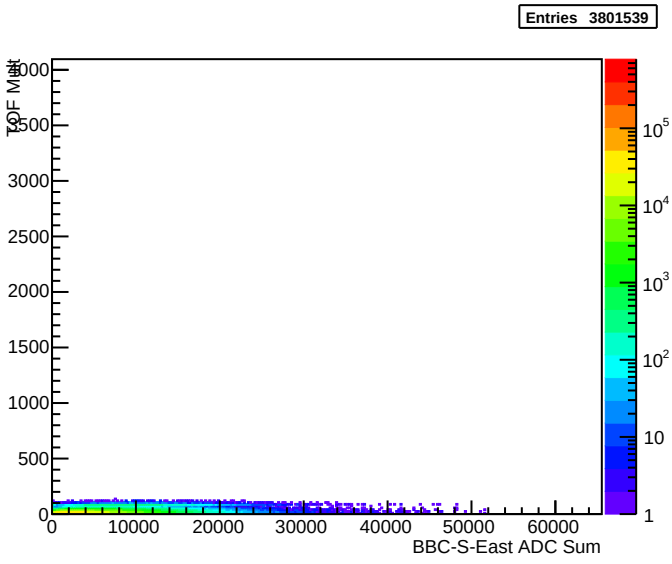


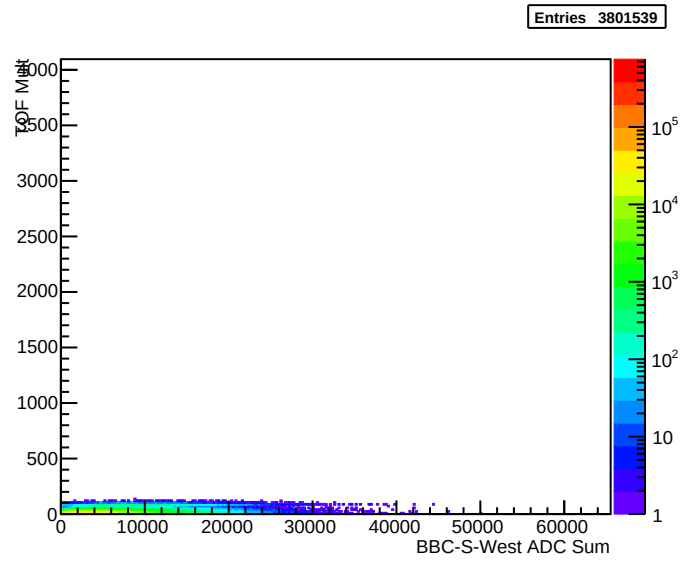
VT201 Input Ch4: VPD Adc Sum Th

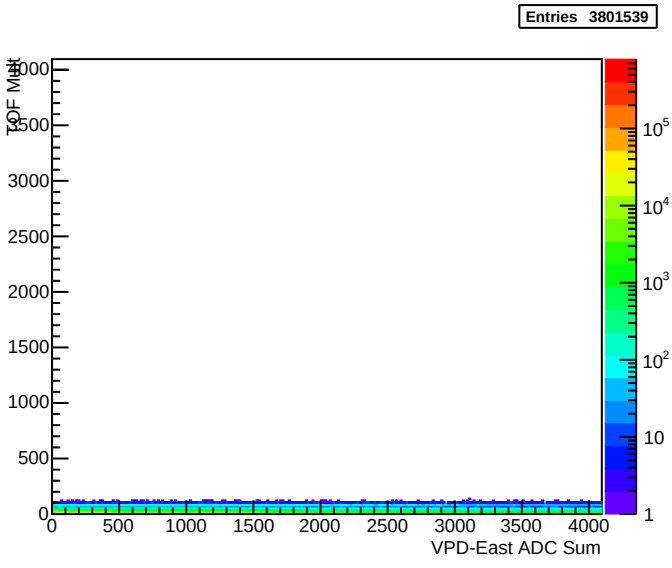


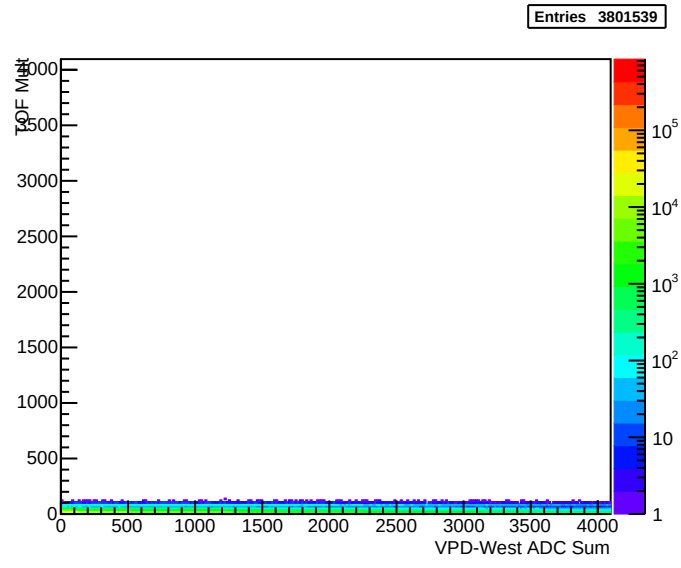
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

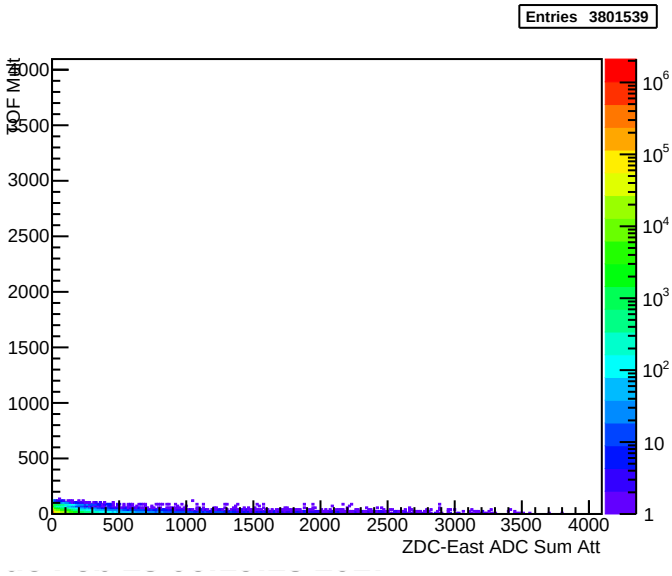


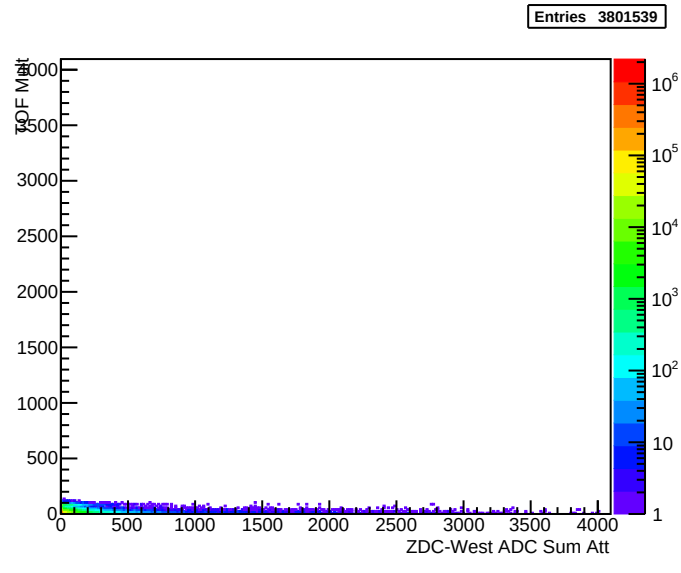

Entries 3801539
TOF Mult
BBC-S-East ADC Sum

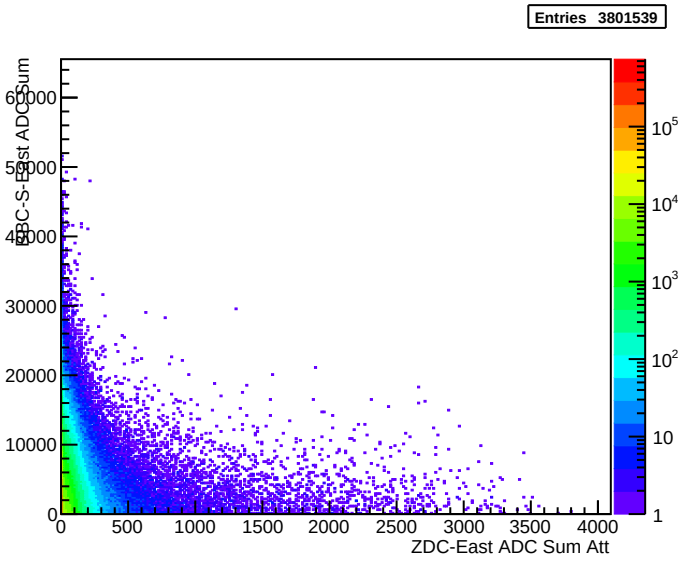

Entries 3801539
TOF Mult
BBC-S-West ADC Sum

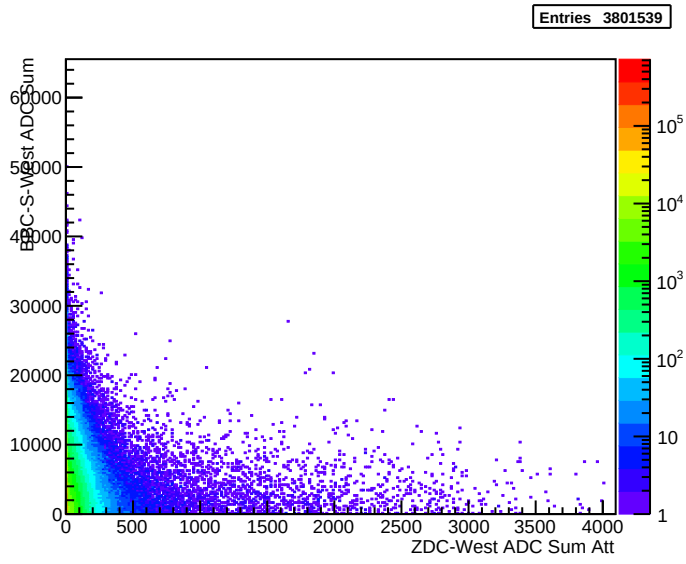

Entries 3801539
TOF Mult
VPD-East ADC Sum

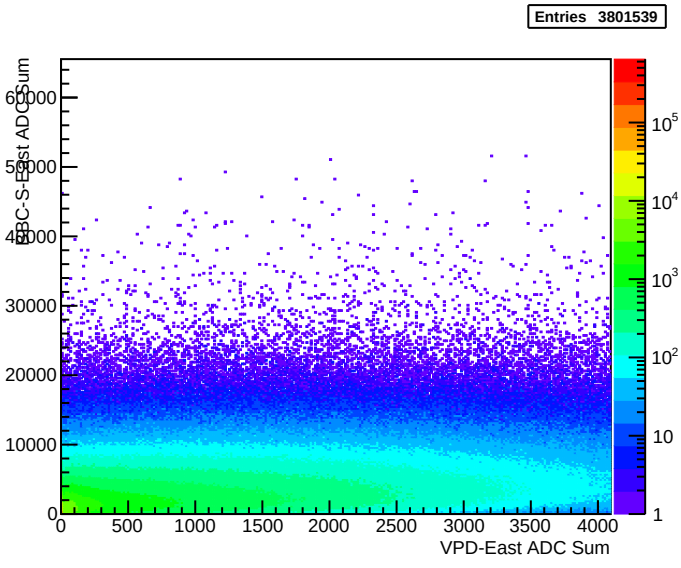

Entries 3801539
TOF Mult
VPD-West ADC Sum

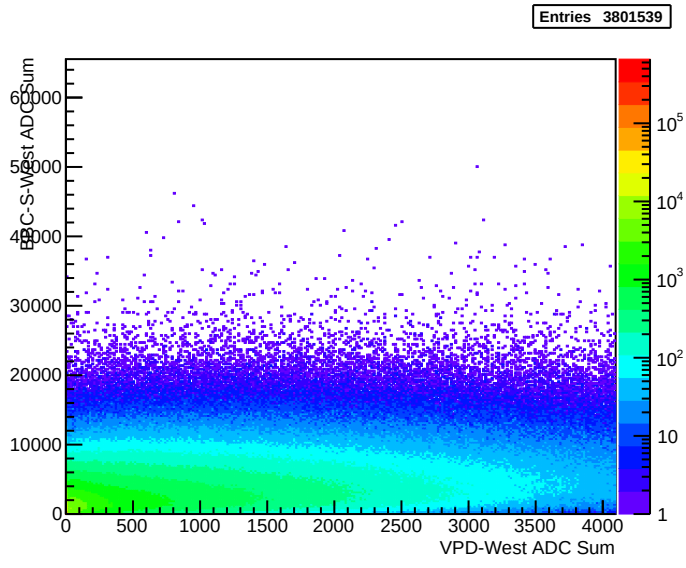

Entries 3801539
TOF Mult
ZDC-East ADC Sum Att

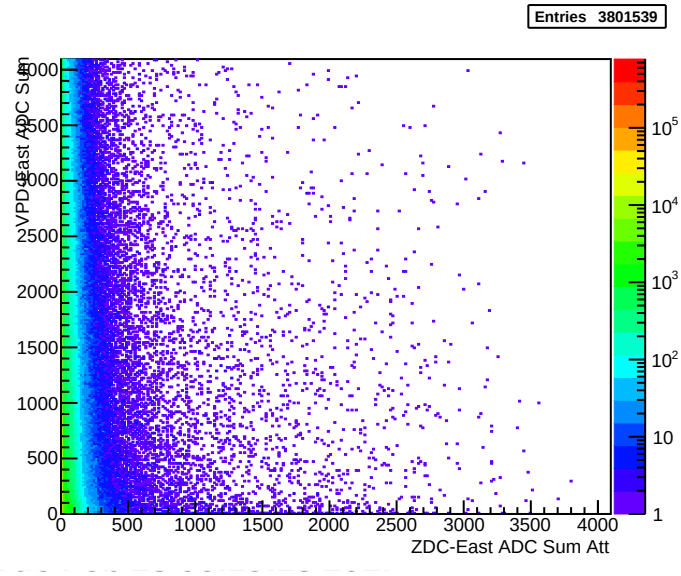

Entries 3801539
TOF Mult
ZDC-West ADC Sum Att

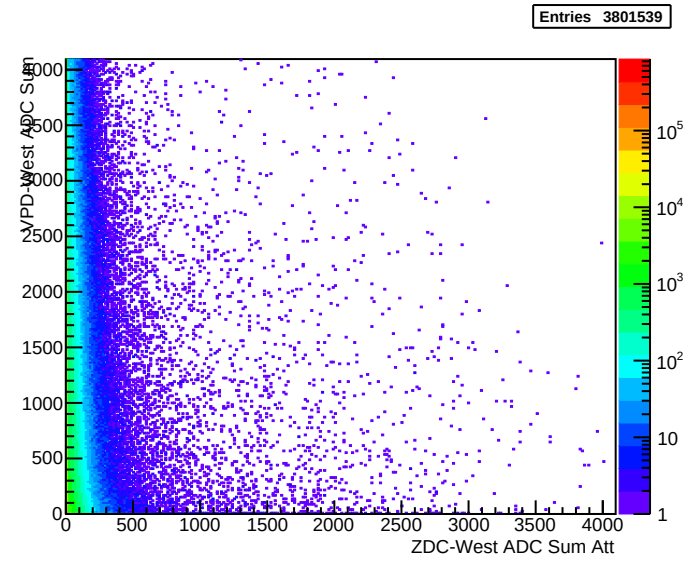

Entries 3801539
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

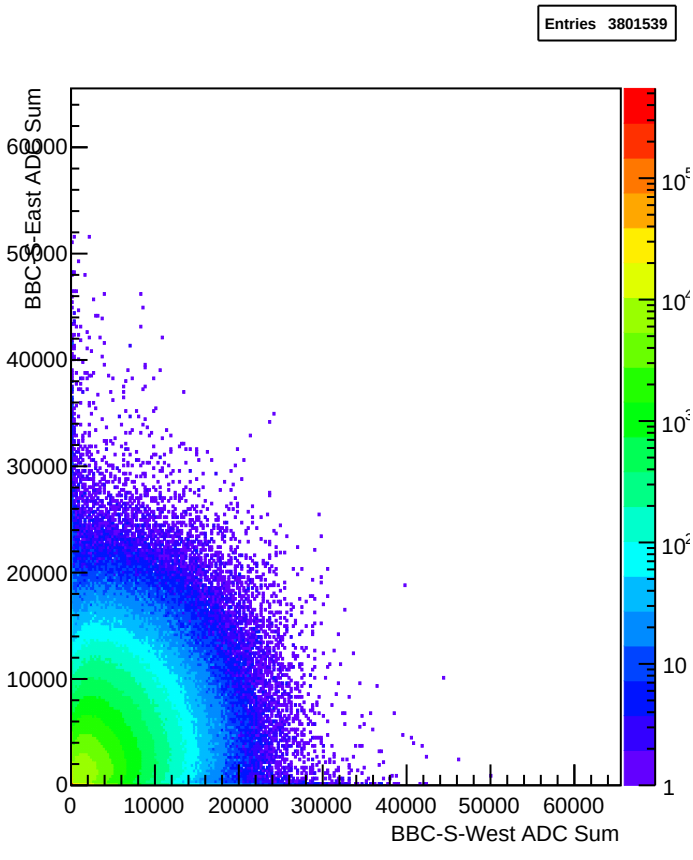

Entries 3801539
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

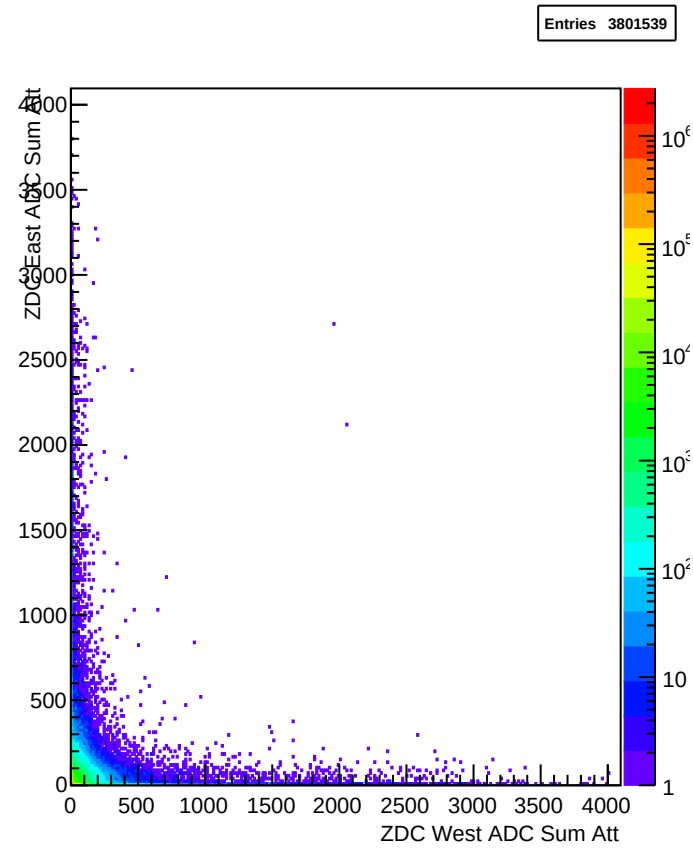

Entries 3801539
BBC-S-East ADC Sum
VPD-East ADC Sum

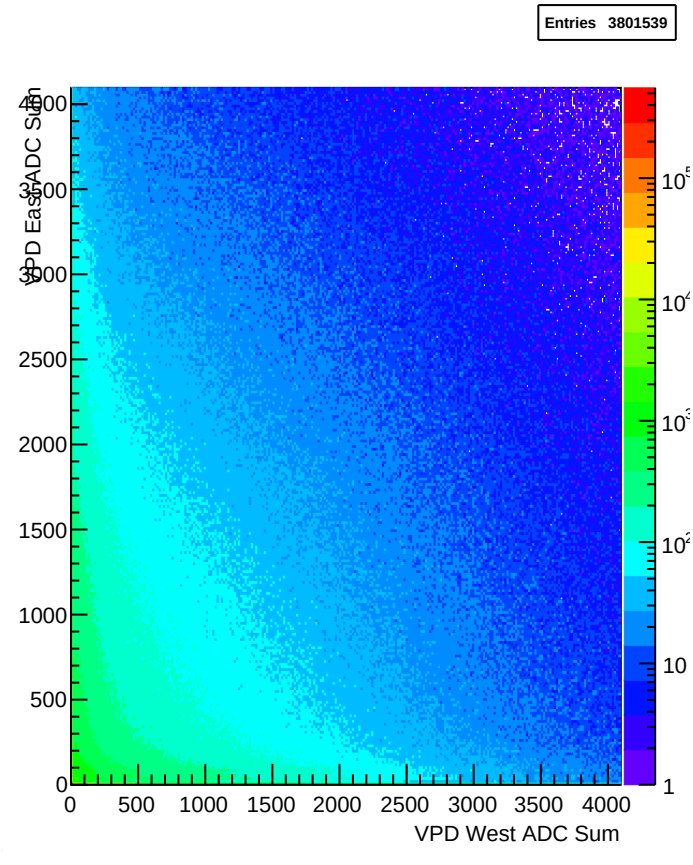

Entries 3801539
BBC-S-West ADC Sum
VPD-West ADC Sum

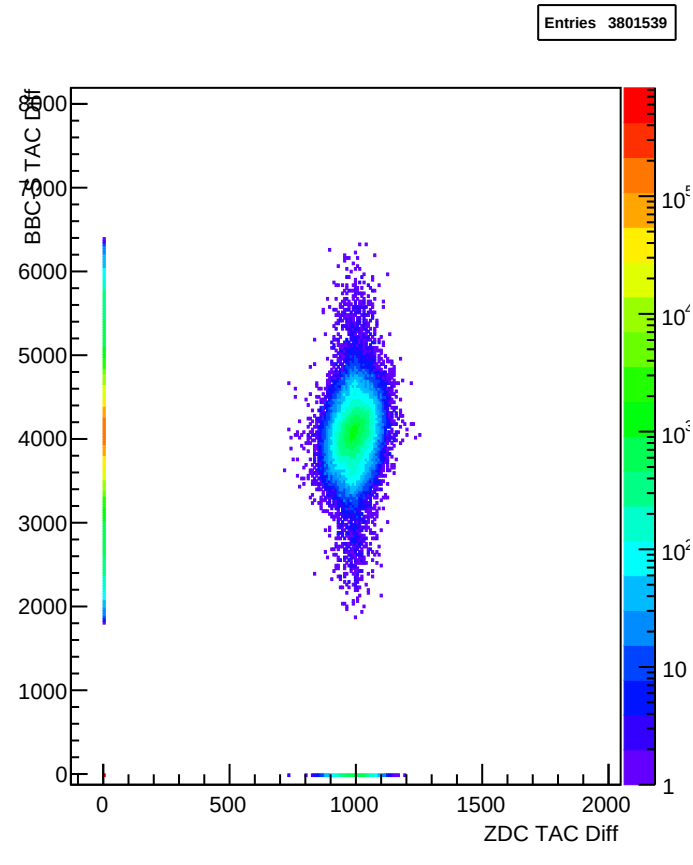

Entries 3801539
VPD-East ADC Sum
ZDC-East ADC Sum Att

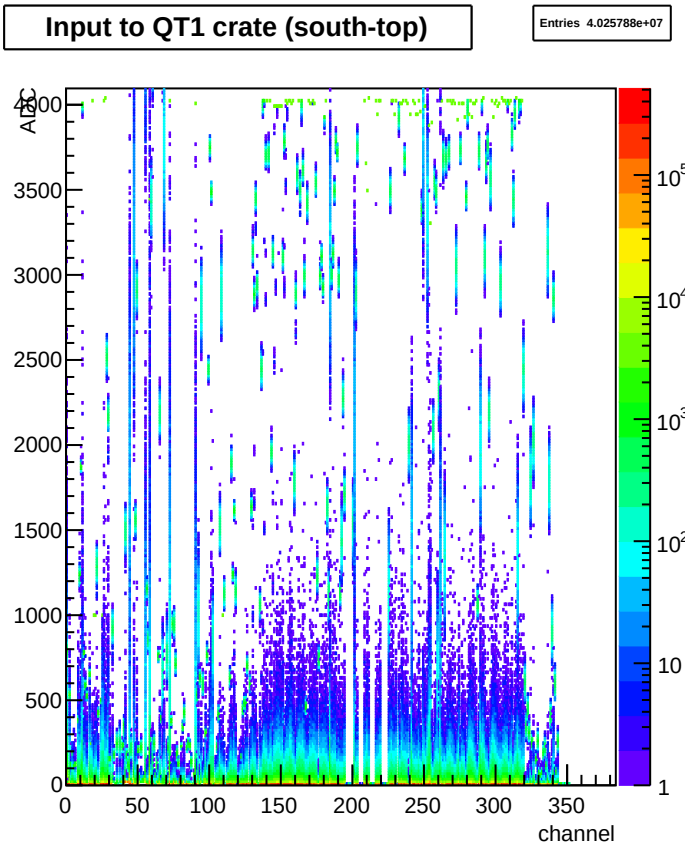

Entries 3801539
VPD-West ADC Sum
ZDC-West ADC Sum Att

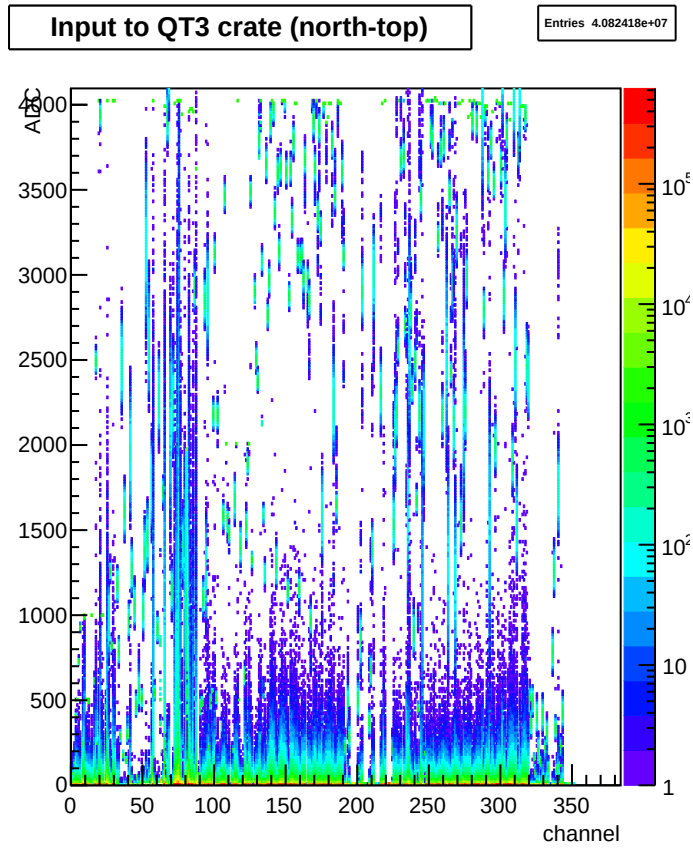

Entries 3801539
BBC-S-East ADC Sum
BBC-S-West ADC Sum

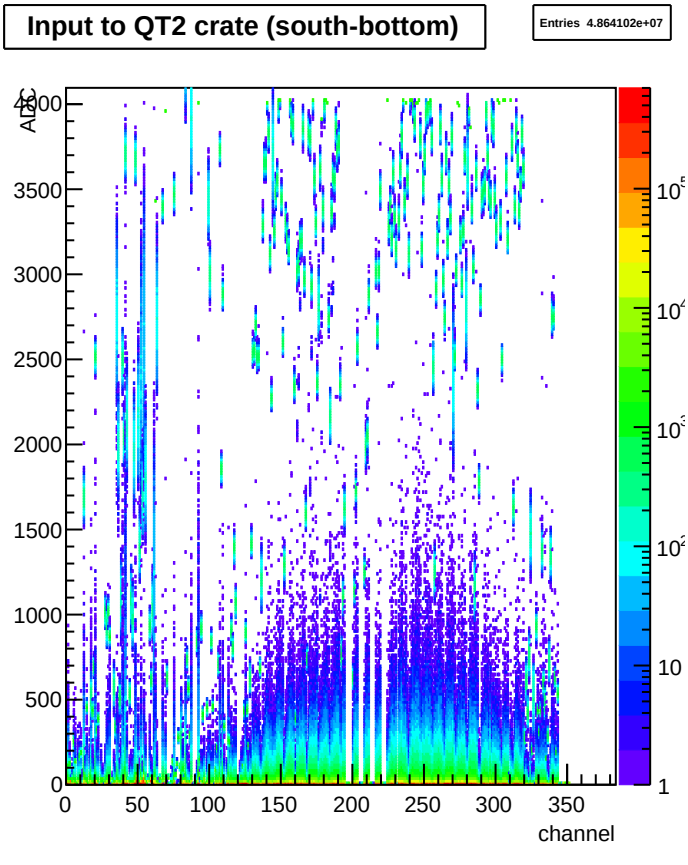

Entries 3801539
ZDC East ADC Sum Att
ZDC West ADC Sum Att

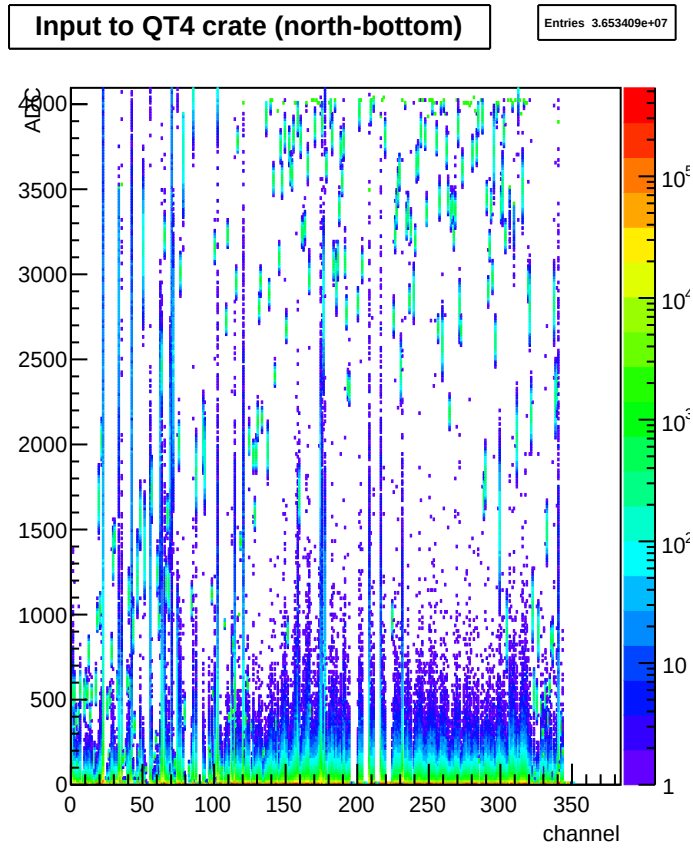

Entries 3801539
VPD East ADC Sum
VPD West ADC Sum

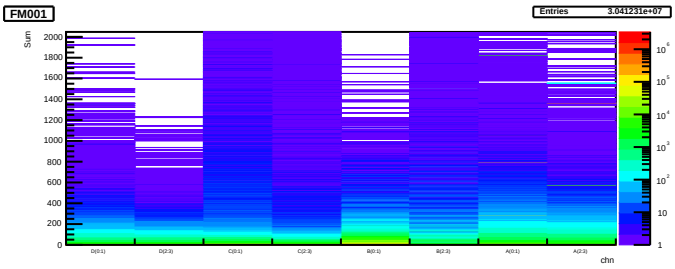

Entries 3801539
BBC-S TAC Diff
ZDC TAC Diff

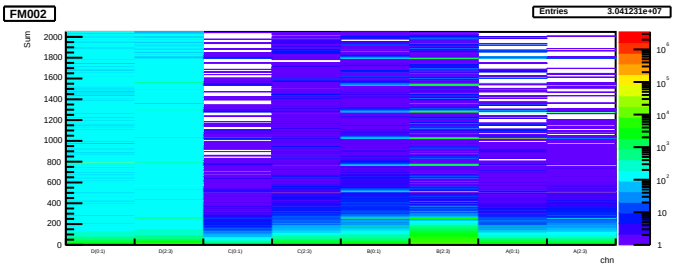

Input to QT1 crate (south-top)
Entries 4.025788e+07
ADC
channel

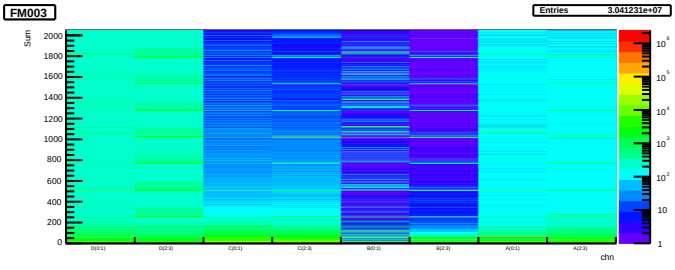

Input to QT3 crate (north-top)
Entries 4.082418e+07
ADC
channel

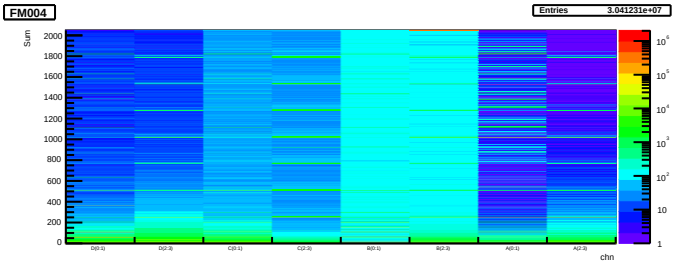

Input to QT2 crate (south-bottom)
Entries 4.864102e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 3.653409e+07
ADC
channel


FM001
Entries 3.041231e+07
Sum
chn


FM002
Entries 3.041231e+07
Sum
chn


FM003
Entries 3.041231e+07
Sum
chn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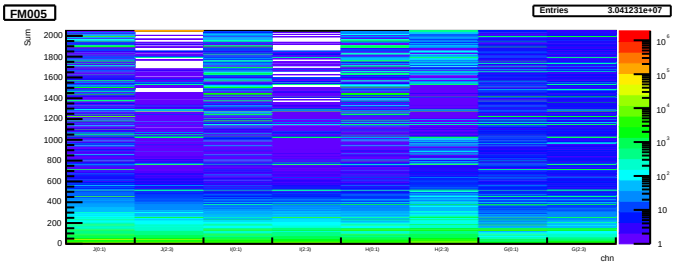
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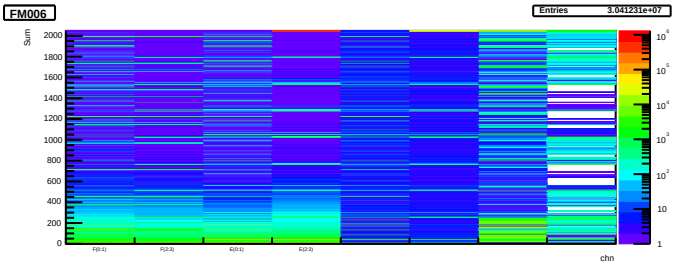
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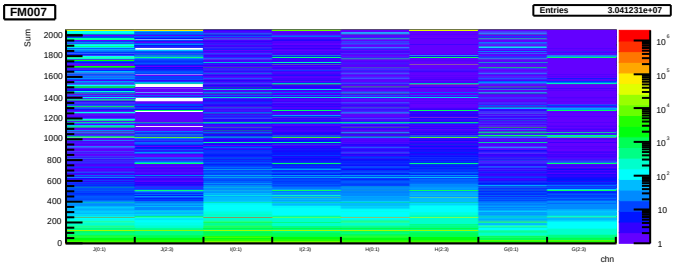
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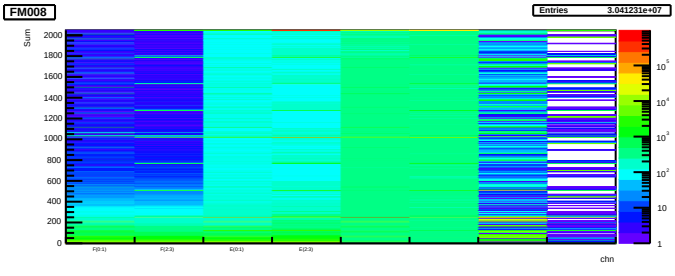
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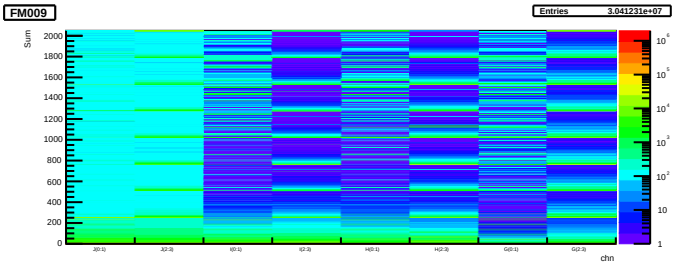
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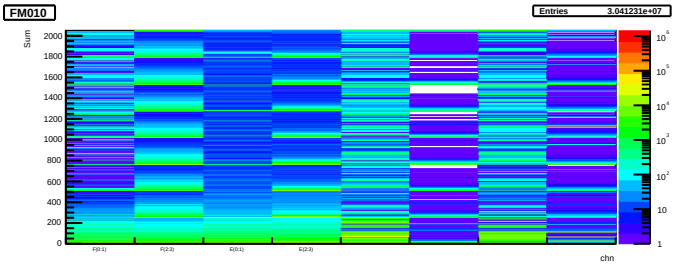
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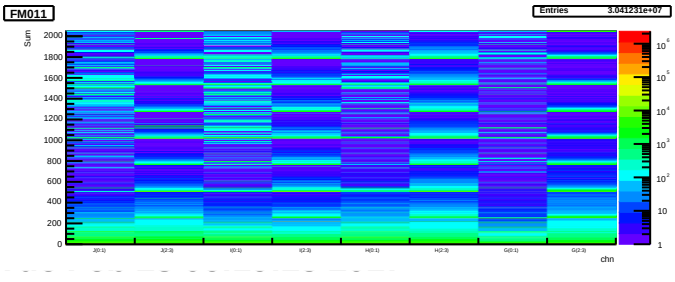
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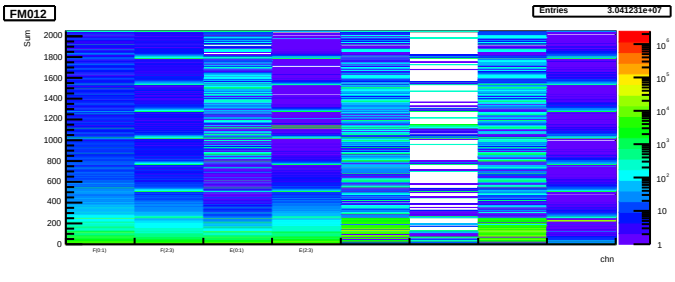
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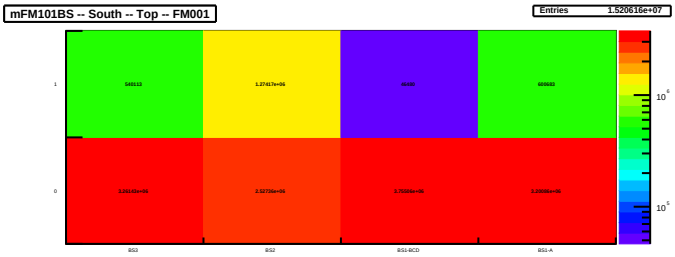
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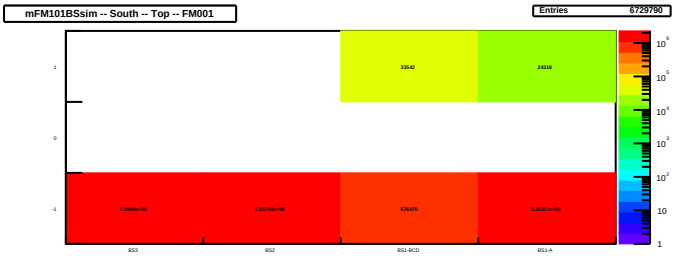
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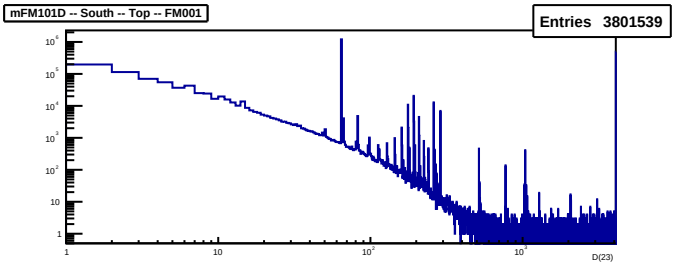
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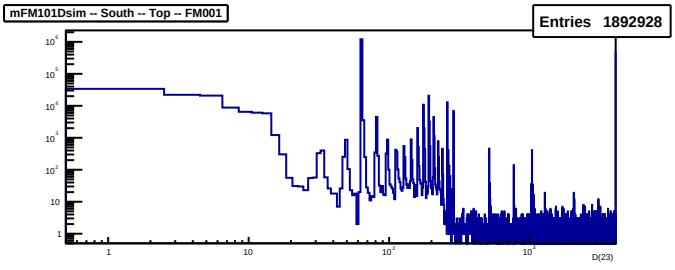
Entries 3801539
D(23)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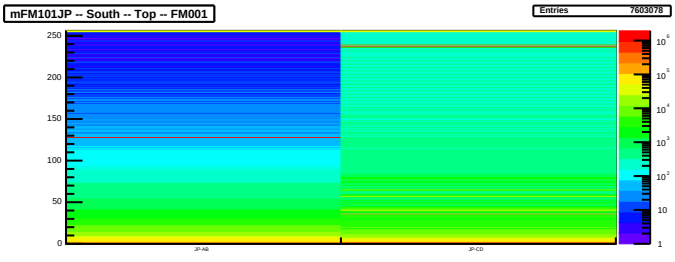
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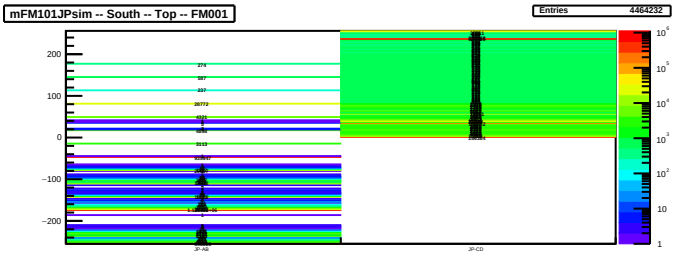
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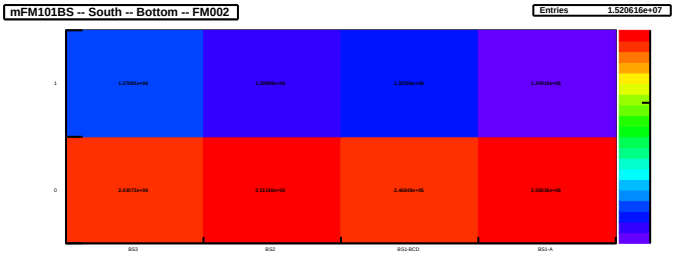
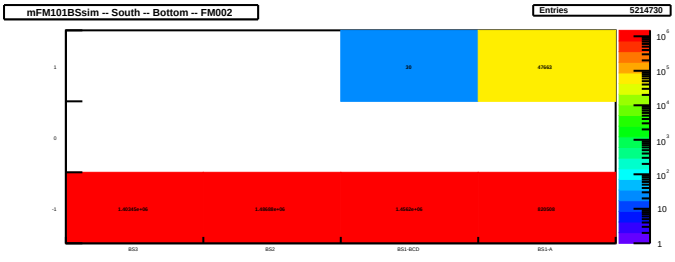

mFM101BS -- South -- Bottom -- FM002
Entries 1.520616e+07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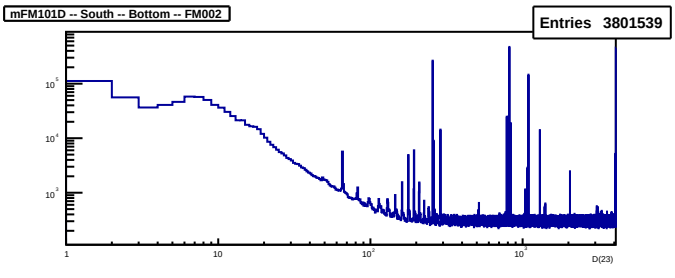
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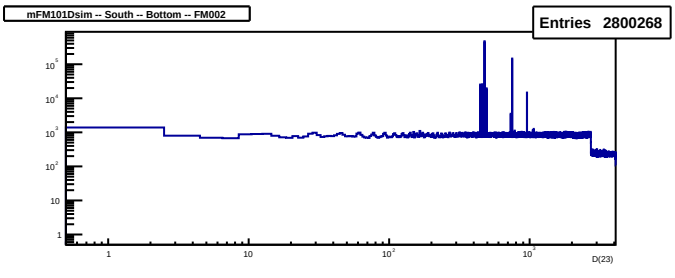
Entries 3801539
D(23)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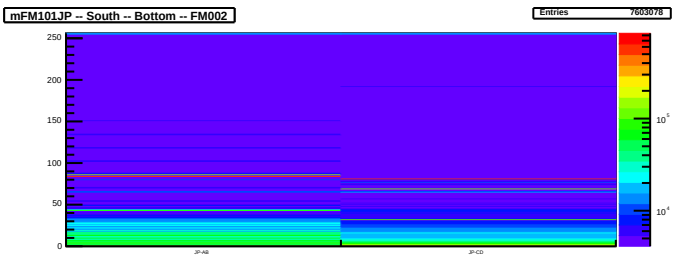
mFM101JP -- South -- Bottom -- FM002
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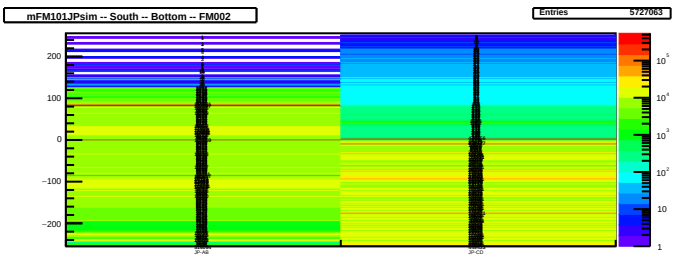
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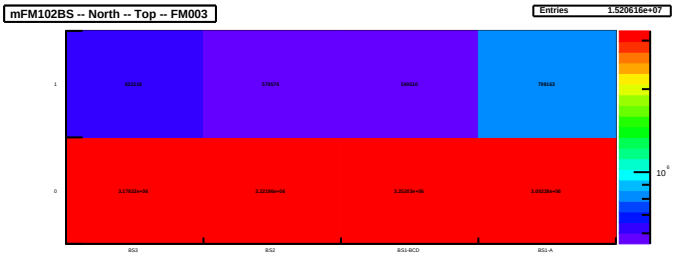
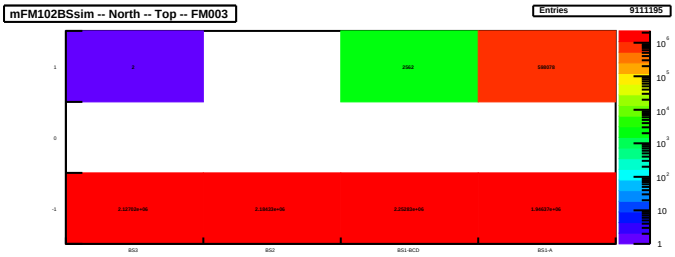

mFM102BS -- North -- Top -- FM003
Entries 1.520616e+07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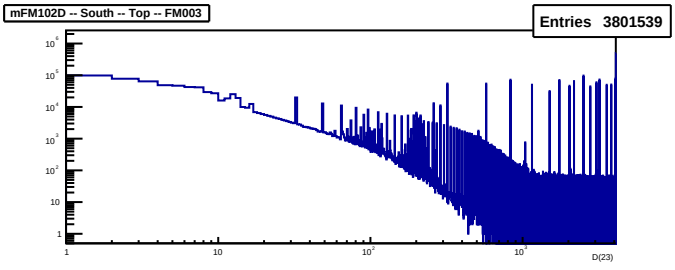
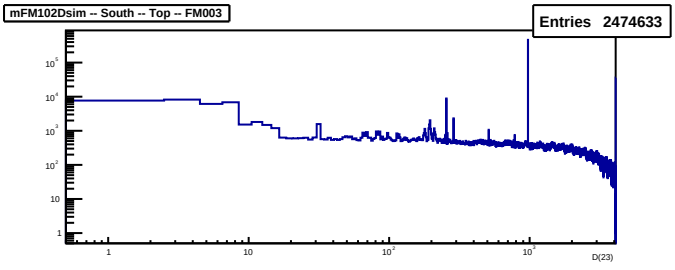

mFM102D -- South -- Top -- FM003
Entries 3801539
D(23)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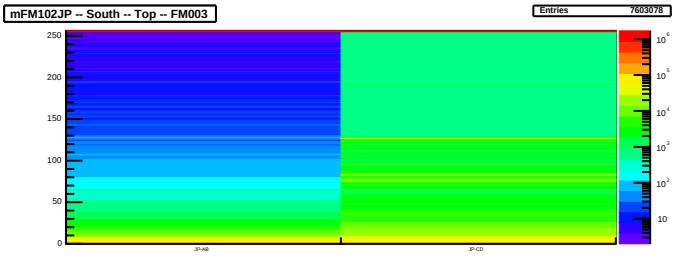
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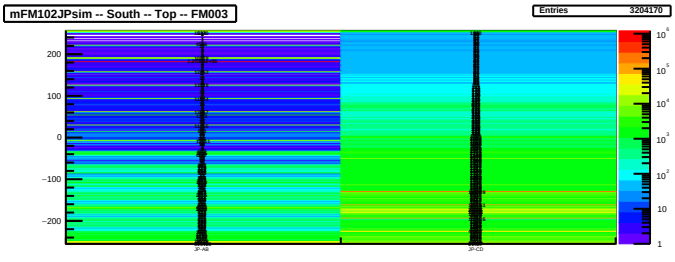
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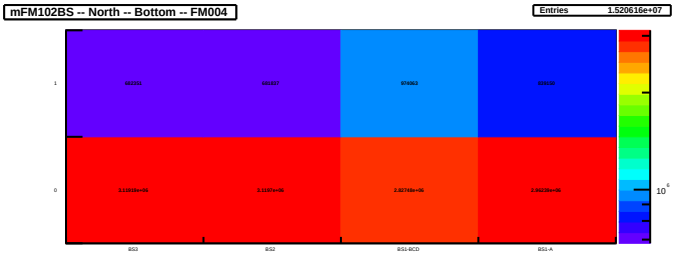
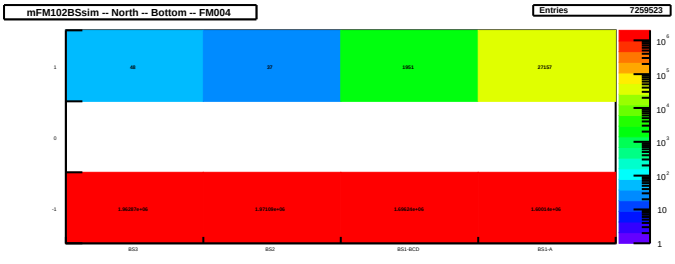

mFM102BS -- North -- Bottom -- FM004
Entries 1.520616e+07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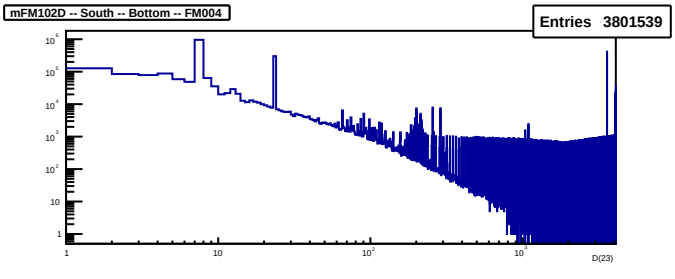
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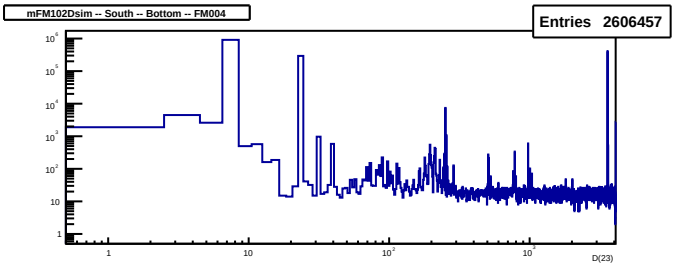
D(23)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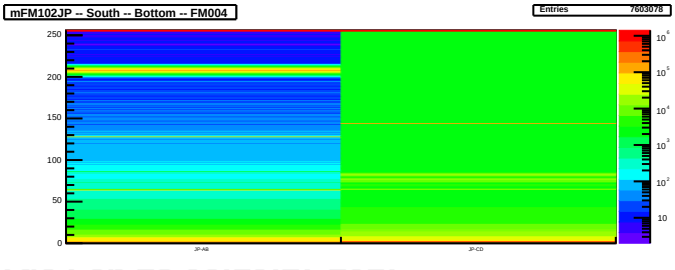
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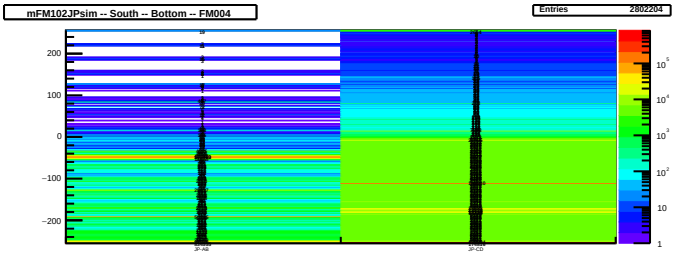
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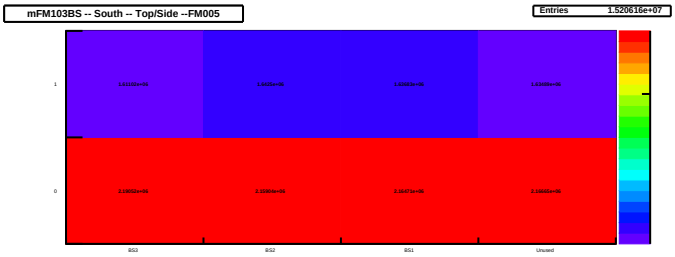
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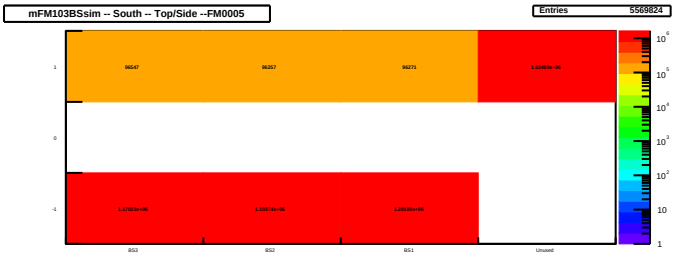
Entries 1.520616e+07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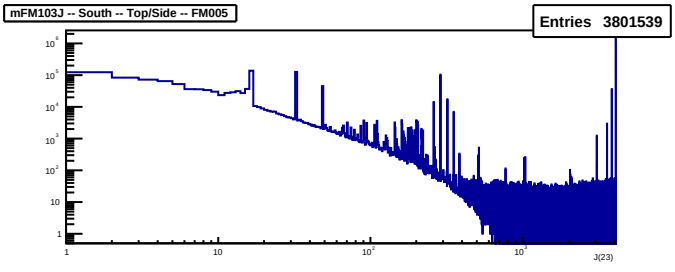
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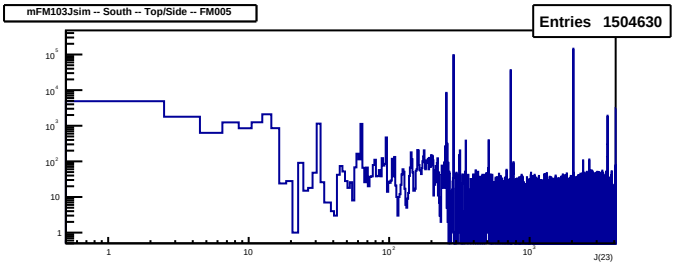
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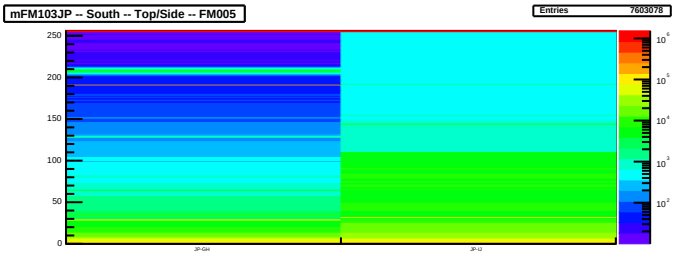
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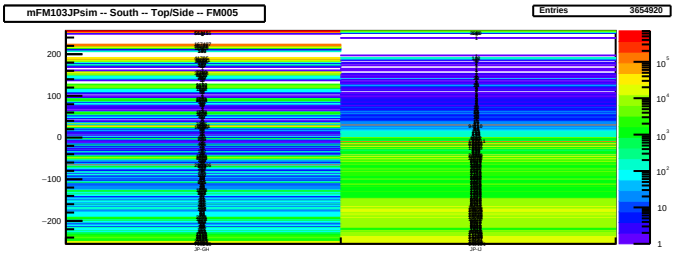
Entries 7603078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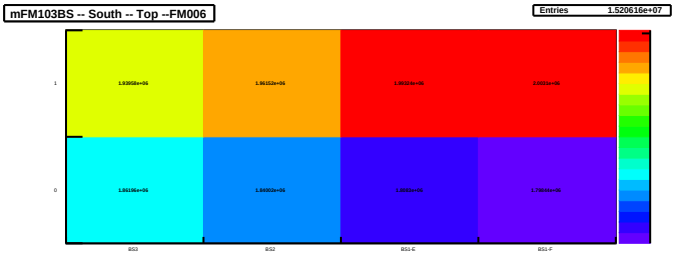
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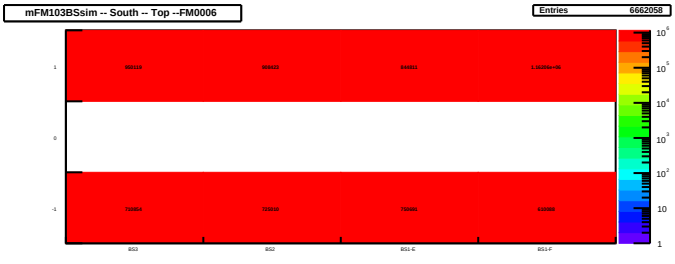
Entries 1.520616e+07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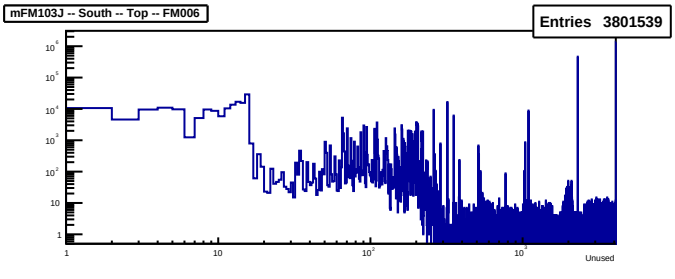
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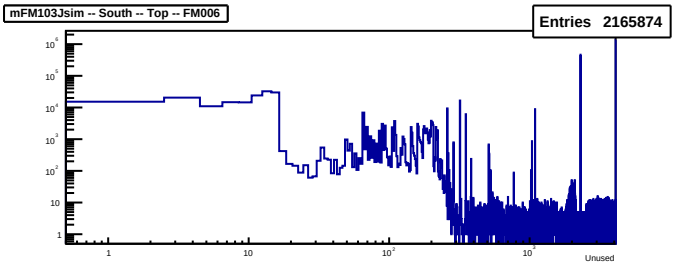
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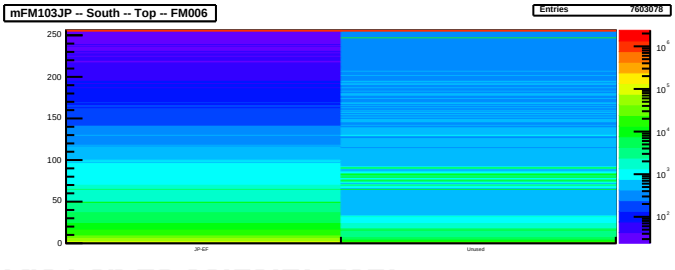
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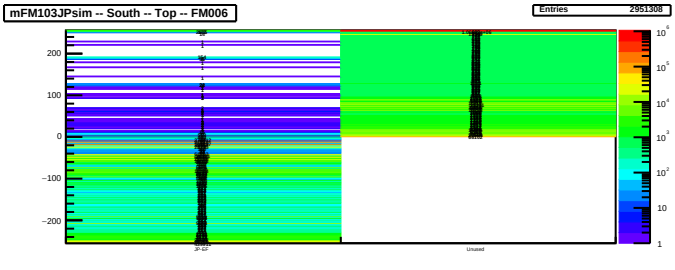
Entries 7603078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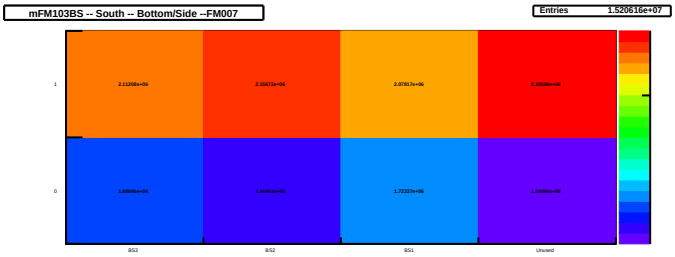
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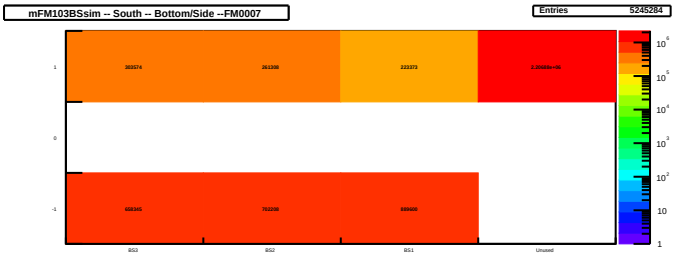
Entries 1.520616e+07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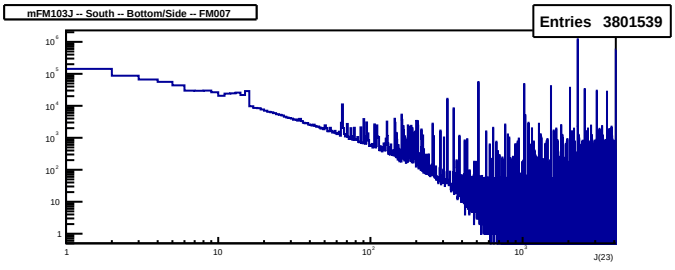
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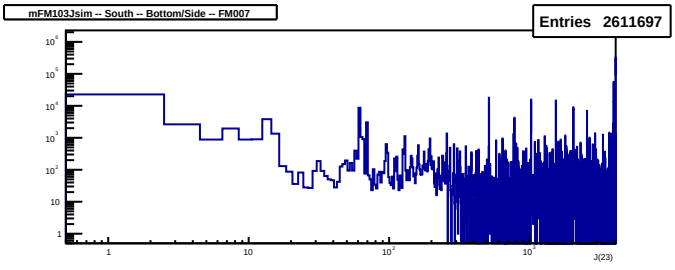
Entries 3801539
J(23)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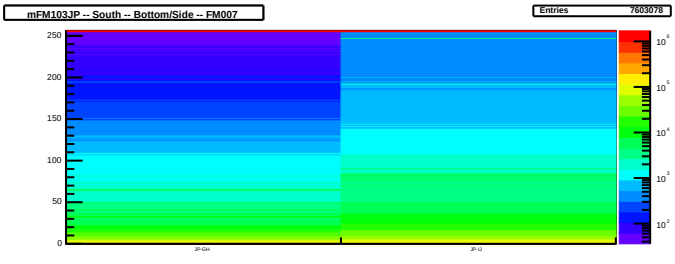
J(23)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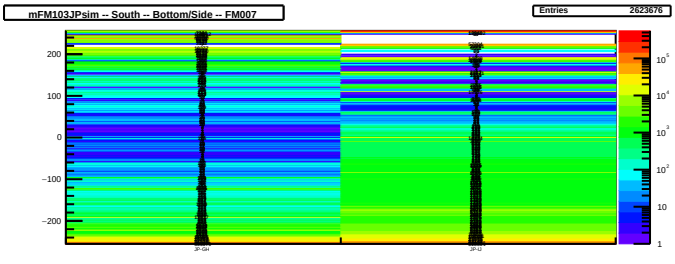
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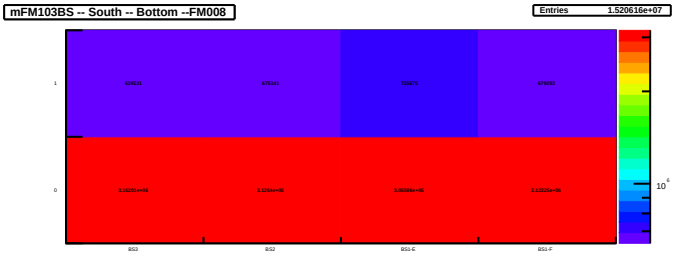
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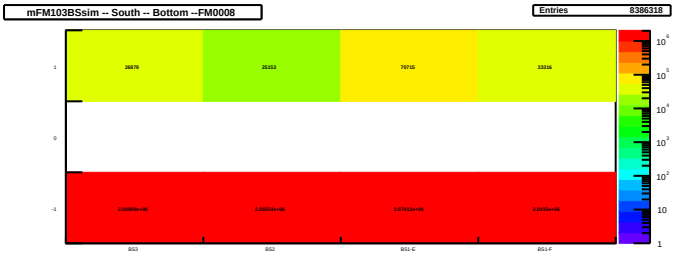
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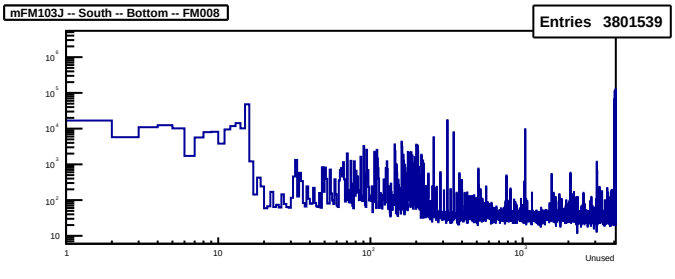
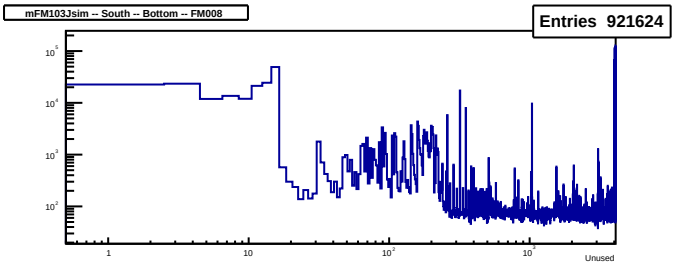

mFM103J -- South -- Bottom -- FM008
Entries 3801539
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 921624
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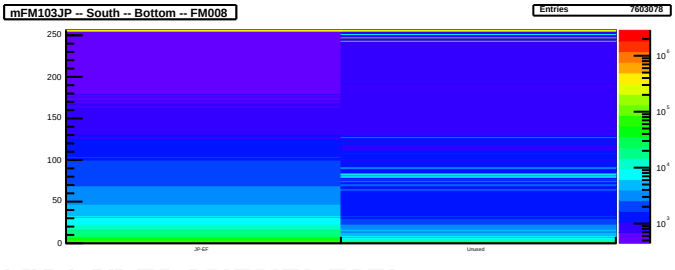
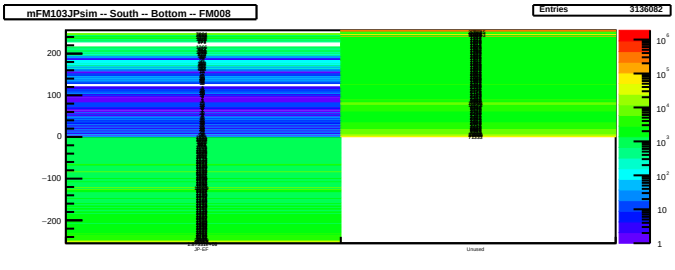
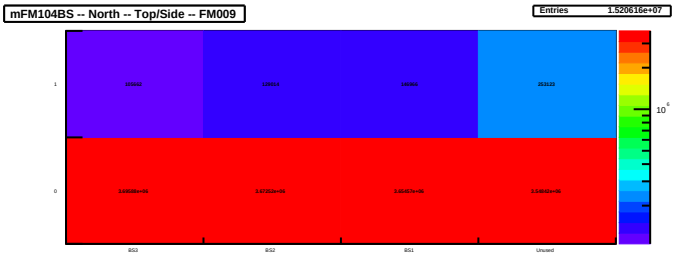
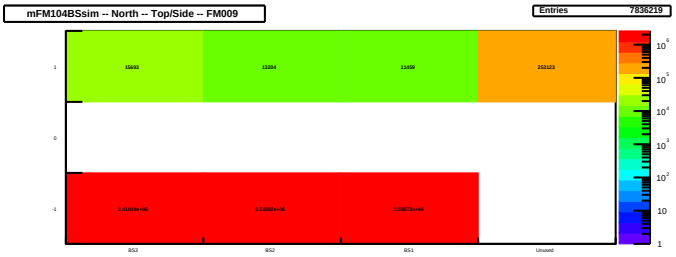
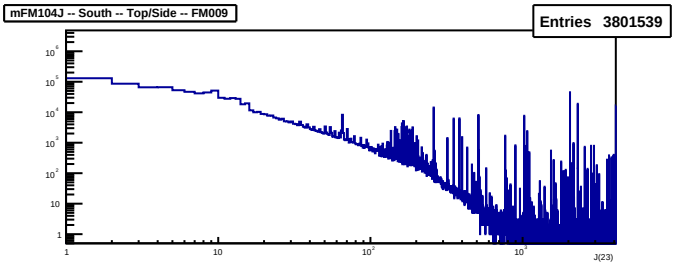
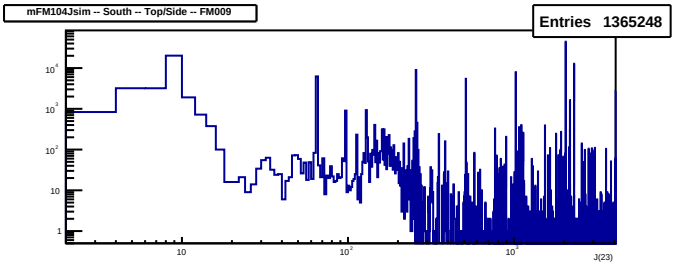

mFM103JP -- South -- Bottom -- FM008
Entries 7603078


mFM103JPsim -- South -- Bottom -- FM008
Entries 3136082


mFM104BS -- North -- Top/Side -- FM009
Entries 1.520616e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 7836219


mFM104J -- South -- Top/Side -- FM009
Entries 3801539
J(23)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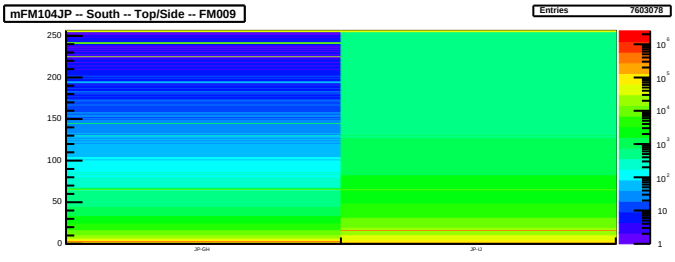
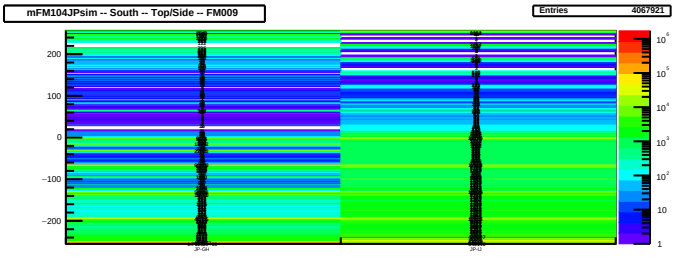
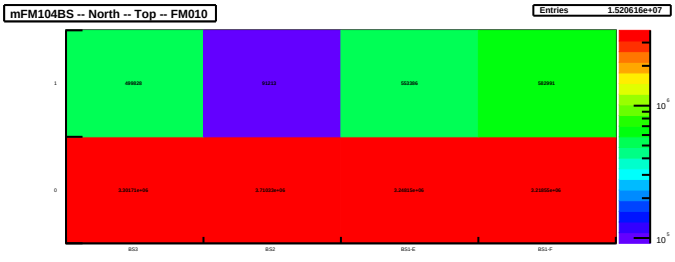
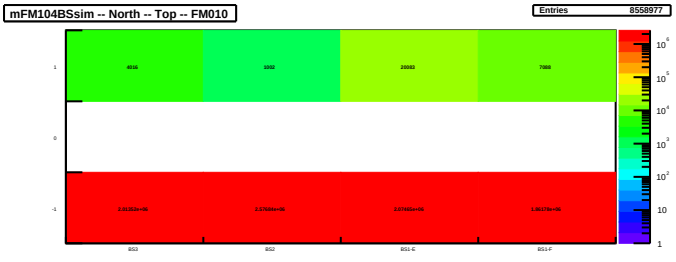
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 7603078


mFM104JPsim -- South -- Top/Side -- FM009
Entries 4067921


mFM104BS -- North -- Top -- FM010
Entries 1.520616e+07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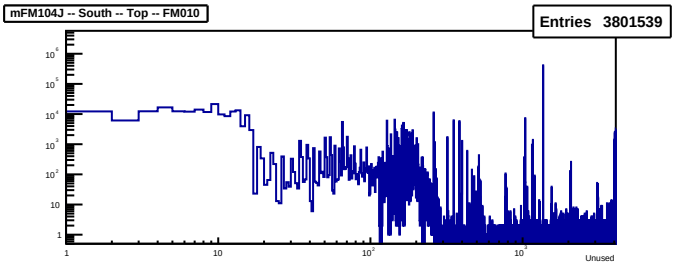
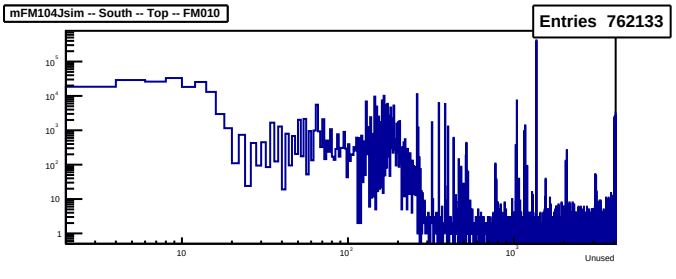
Entries 8558977


mFM104J -- South -- Top -- FM010
Entries 3801539
Unused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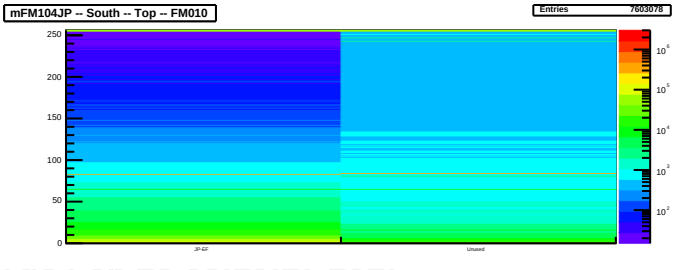
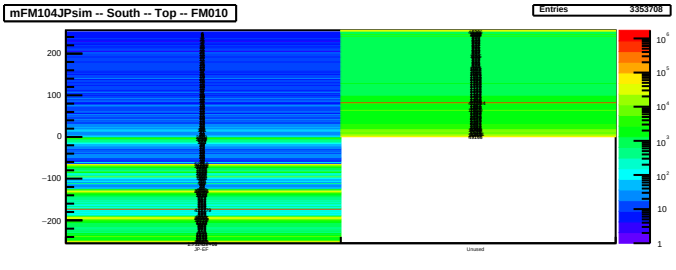
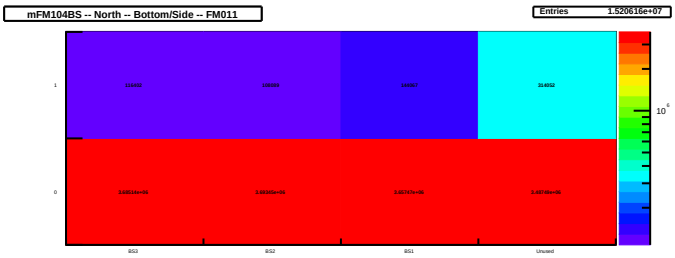
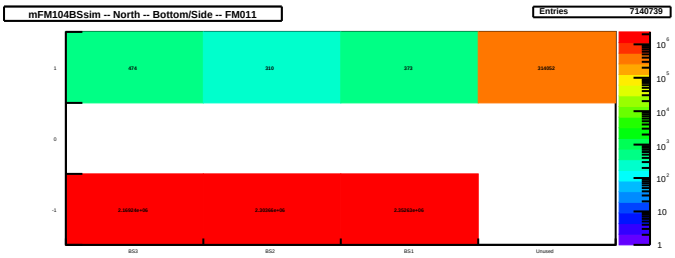
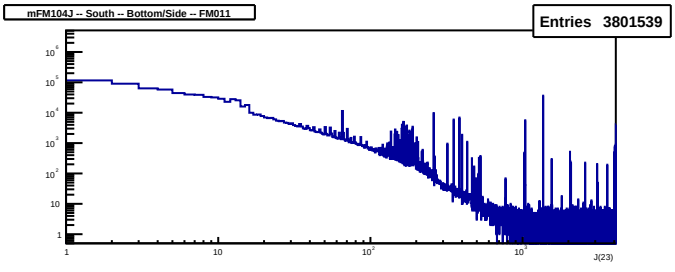
Entries 762133
Unused

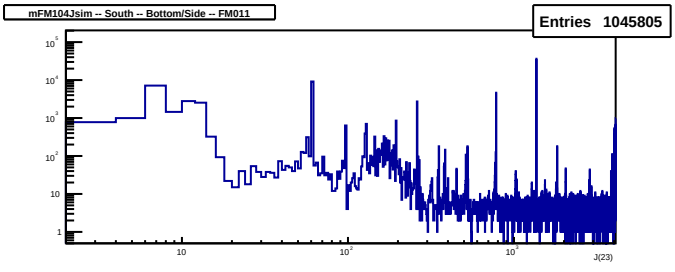

mFM104JP -- South -- Top -- FM010
Entries 7603078

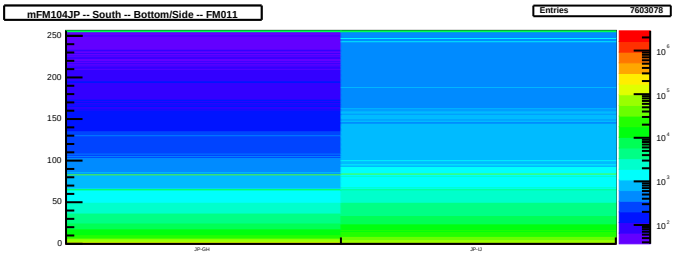

mFM104JPsim -- South -- Top -- FM010
Entries 3353708

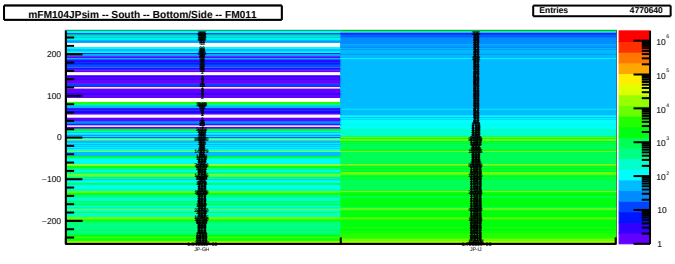

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.520616e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 7140739


mFM104J -- South -- Bottom/Side -- FM011
Entries 3801539
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1045805
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 7603078


mFM104JPsim -- South -- Bottom/Side -- FM011
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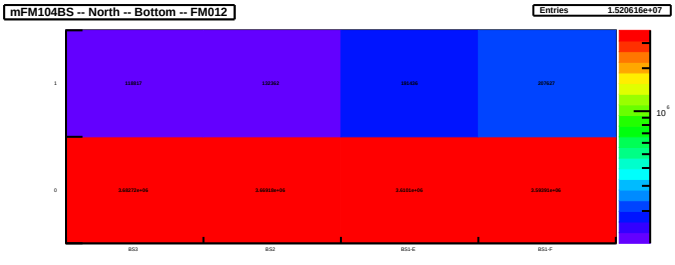
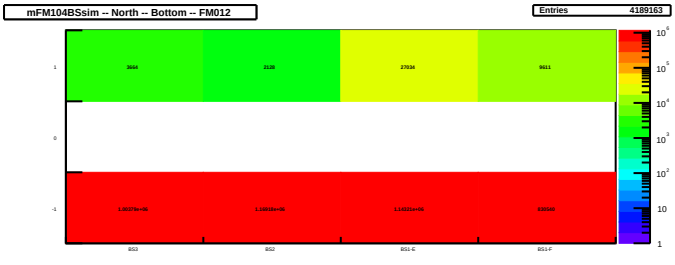

mFM104BS -- North -- Bottom -- FM012
Entries 1.520616e+07


mFM104BSsim -- North -- Bottom -- FM012
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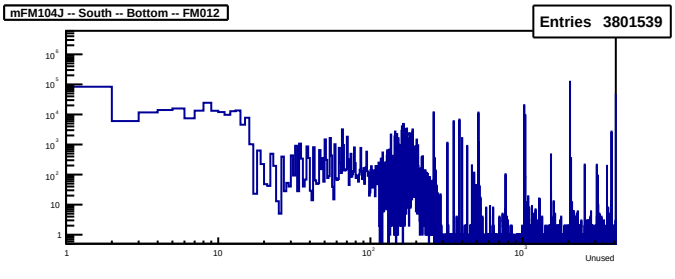
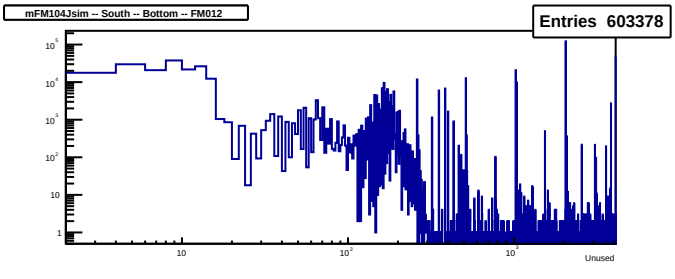
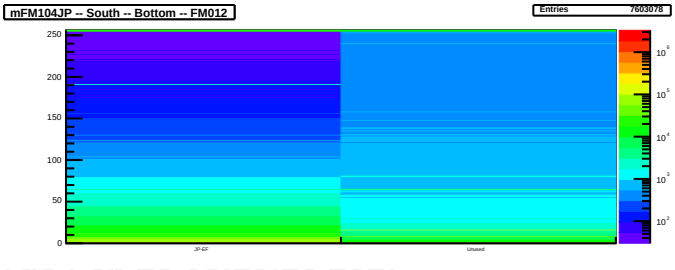
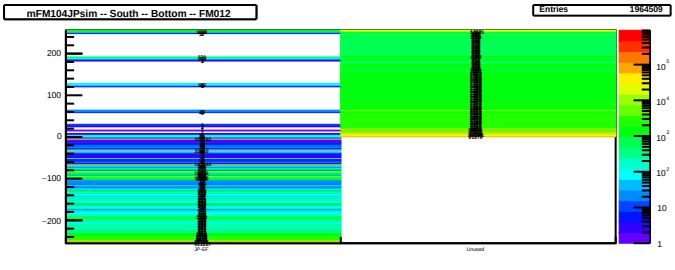
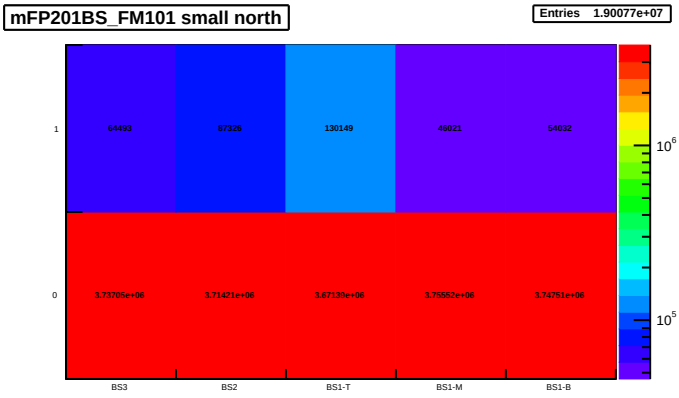
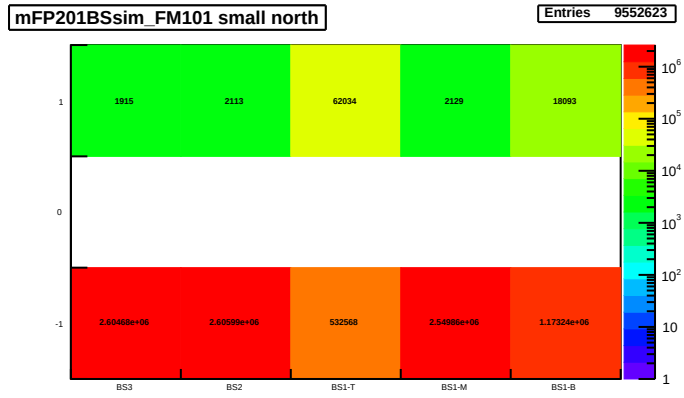

mFM104J -- South -- Bottom -- FM012
Entries 3801539
Unused

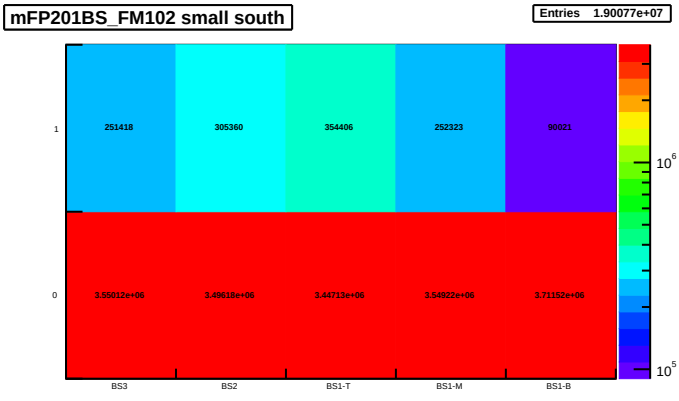

mFM104Jsim -- South -- Bottom -- FM012
Entries 603378
Unused

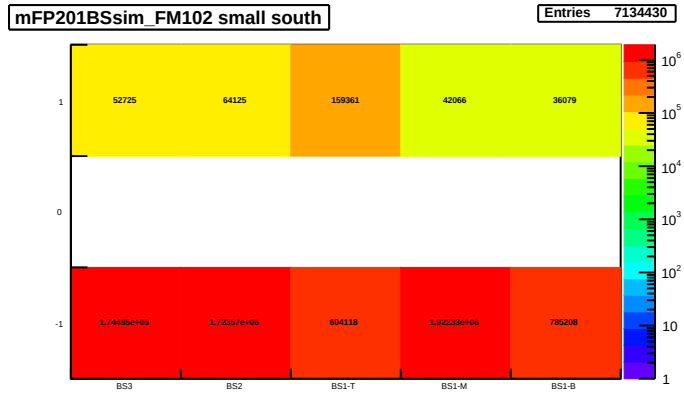

mFM104JP -- South -- Bottom -- FM012
Entries 7603078


mFM104JPsim -- South -- Bottom -- FM012
Entries 1964509


mFP201BS_FM101 small north
Entries 1.90077e+07
1
0
64493
87326
130149
46021
54032
3.73705e+06
3.71421e+06
3.67139e+06
3.75552e+06
3.74751e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5


mFP201BSsim_FM101 small north
Entries 9552623
1
0
-1
1915
2113
62034
2129
18093
2.60468e+06
2.60599e+06
532568
2.54986e+06
1.17324e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 1.90077e+07
1
0
251418
305360
354406
252323
90021
3.55012e+06
3.49618e+06
3.44713e+06
3.54922e+06
3.71152e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5


mFP201BSsim_FM102 small south
Entries 7134430
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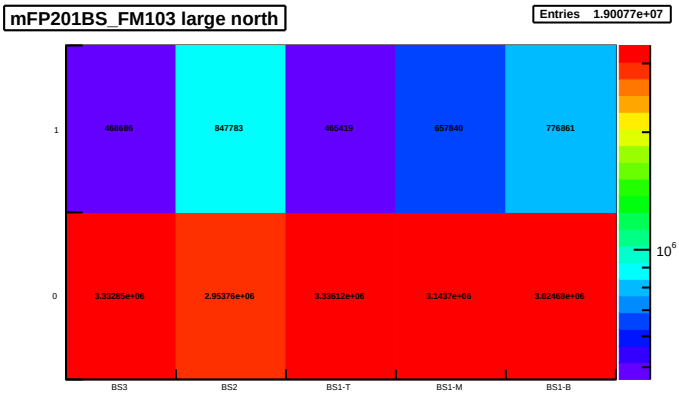
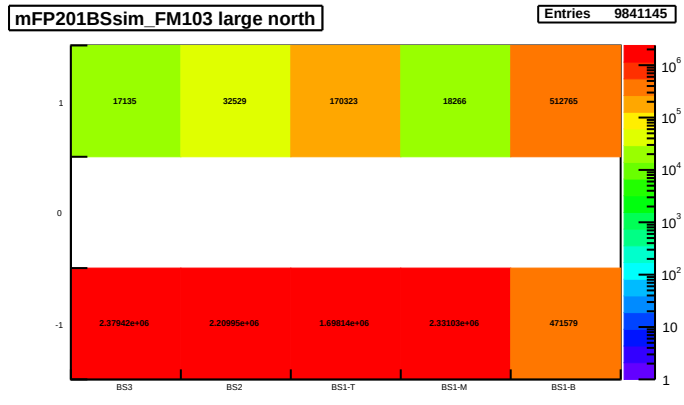
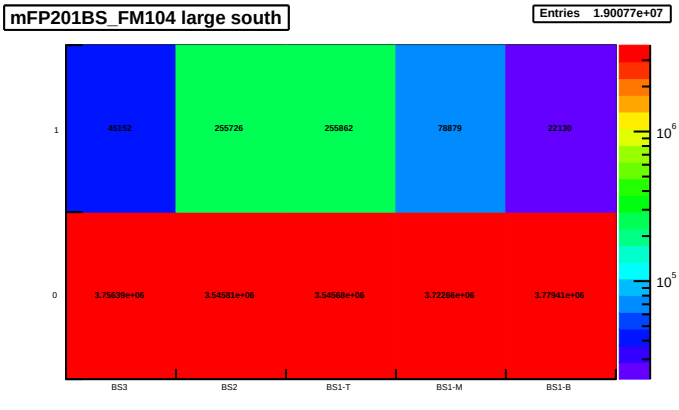
0
-1
52725
64125
159361
42066
36079
1.74485e+06
1.72357e+06
604118
1.92233e+06
785208
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 1.90077e+07
1
0
468686
847783
465419
657840
776861
3.33285e+06
2.95376e+06
3.33612e+06
3.1437e+06
3.02468e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM103 large north
Entries 9841145
1
0
-1
17135
32529
170323
18266
512765
2.37942e+06
2.20995e+06
1.69814e+06
2.33103e+06
471579
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM104 large south
Entries 1.90077e+07
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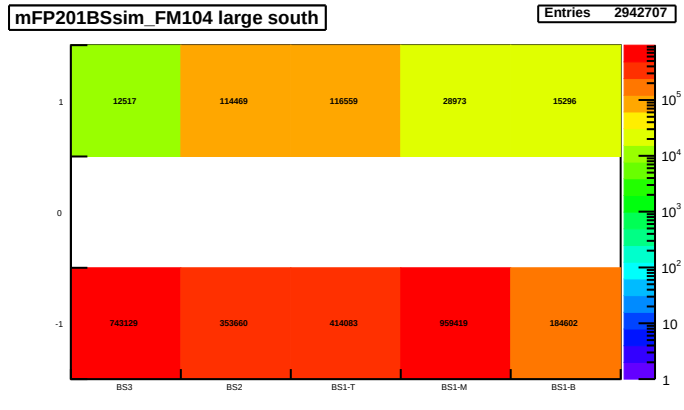
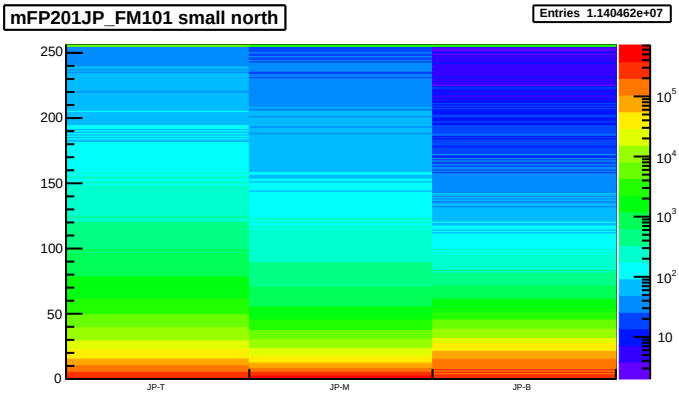
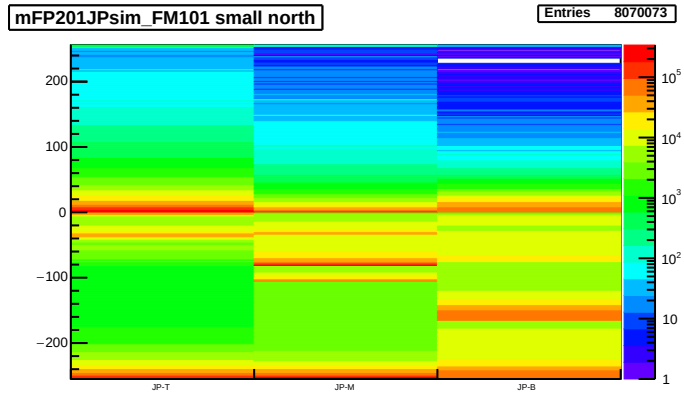
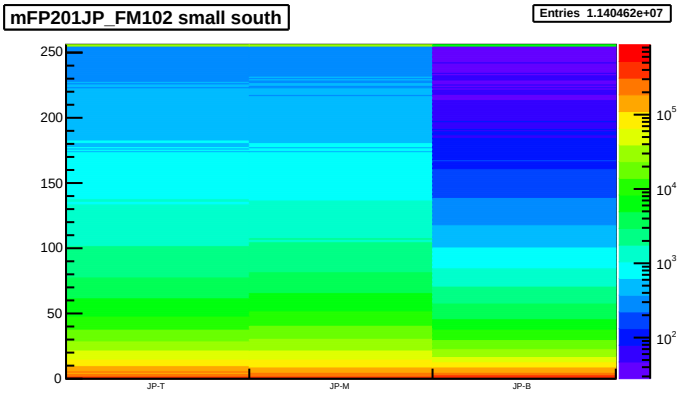
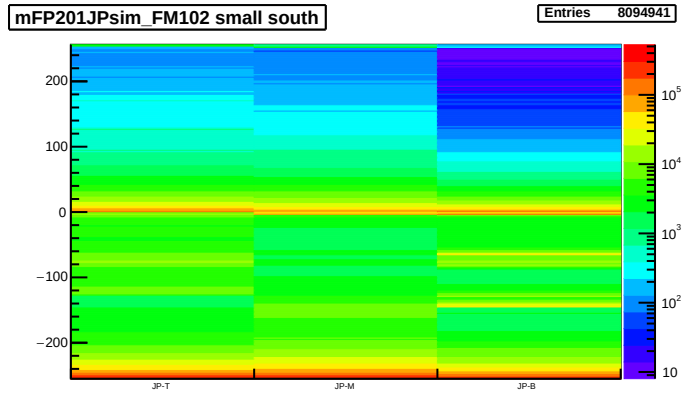
0
45152
255726
255862
78879
22130
3.75639e+06
3.54581e+06
3.54568e+06
3.72266e+06
3.77941e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

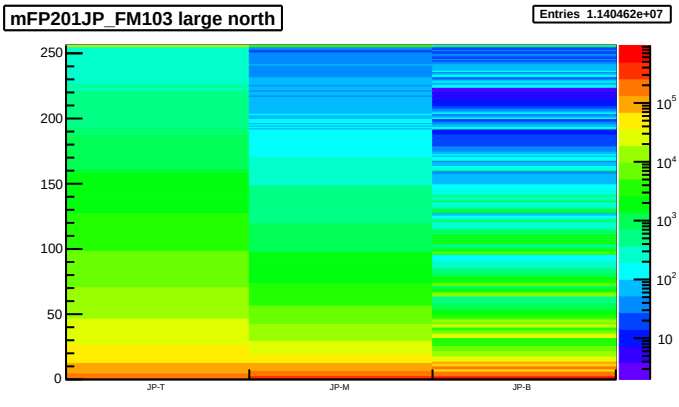

mFP201BSsim_FM104 large south
Entries 2942707
1
0
-1
12517
114469
116559
28973
15296
743129
353660
414083
959419
184602
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

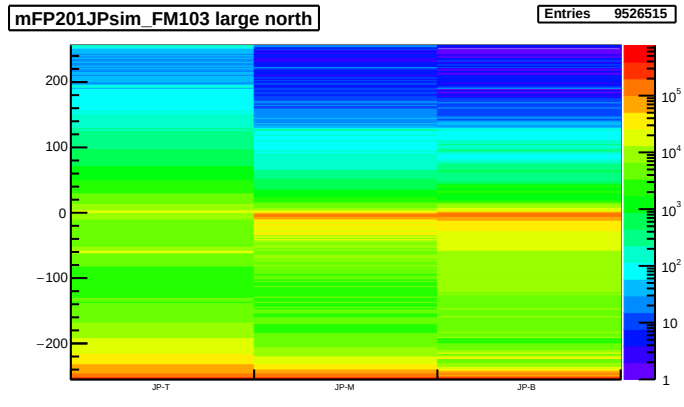

mFP201JP_FM101 small north
Entries 1.140462e+07
JP-T
JP-M
JP-B

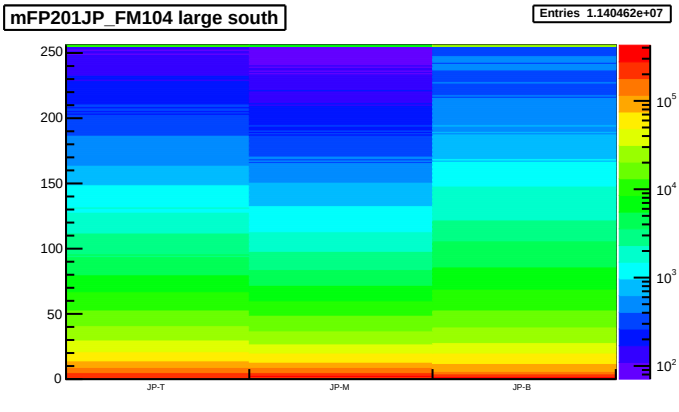

mFP201JPsim_FM101 small north
Entries 8070073
JP-T
JP-M
JP-B

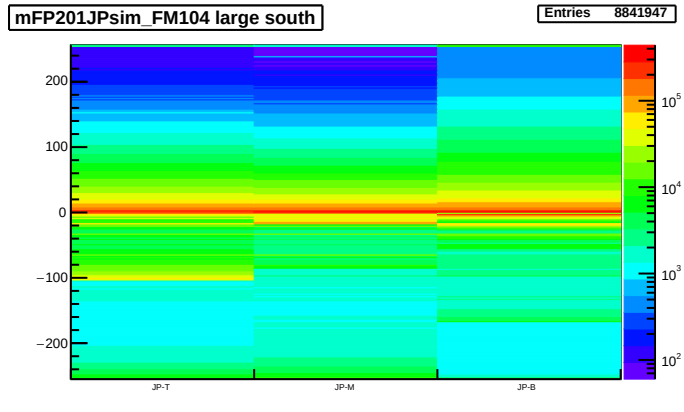

mFP201JP_FM102 small south
Entries 1.140462e+07
JP-T
JP-M
JP-B

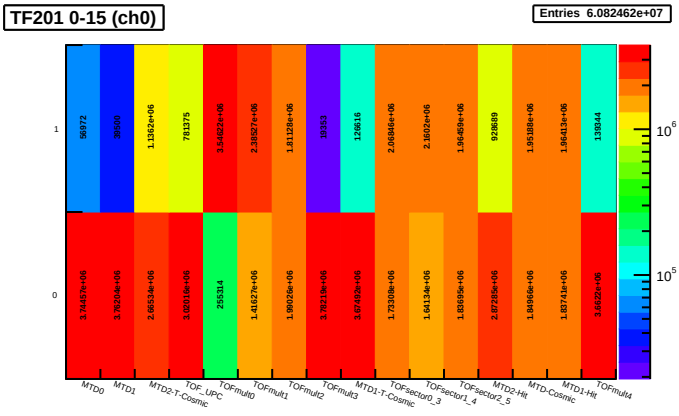

mFP201JPsim_FM102 small south
Entries 8094941
JP-T
JP-M
JP-B

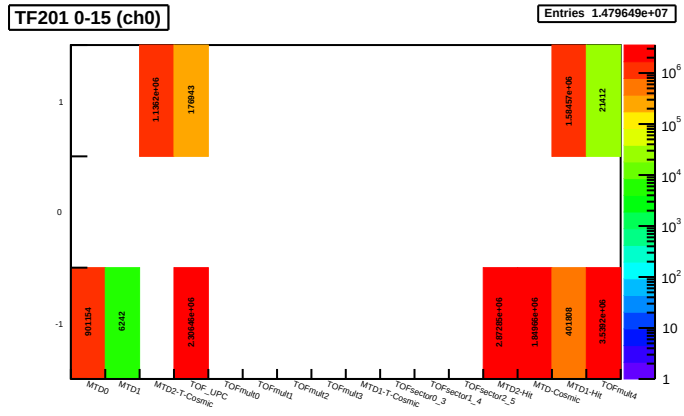

mFP201JP_FM103 large north
Entries 1.140462e+07
JP-T
JP-M
JP-B

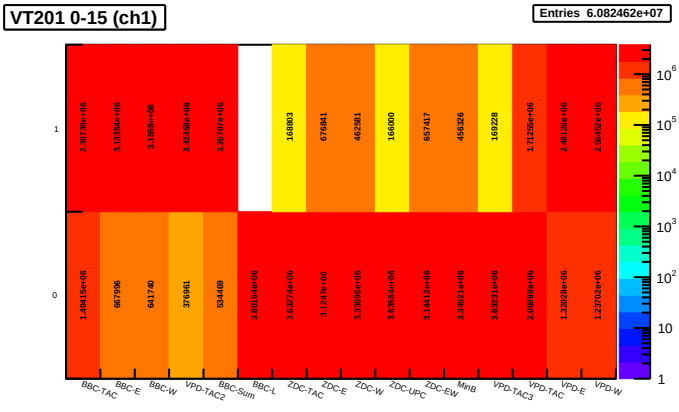

mFP201JPsim_FM103 large north
Entries 9526515
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 1.140462e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 8841947
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 6.082462e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4


TF201 0-15 (ch0)
Entries 1.479649e+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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Entries 6.082462e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
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ZDC-E
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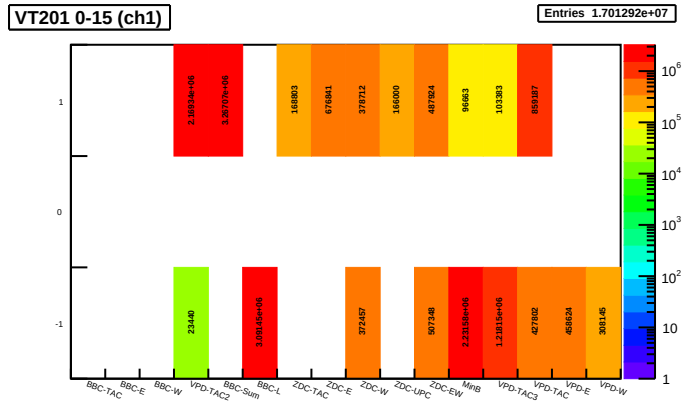
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W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BBC-W
VPD-TAC2
BBC-Sum
BBC-L
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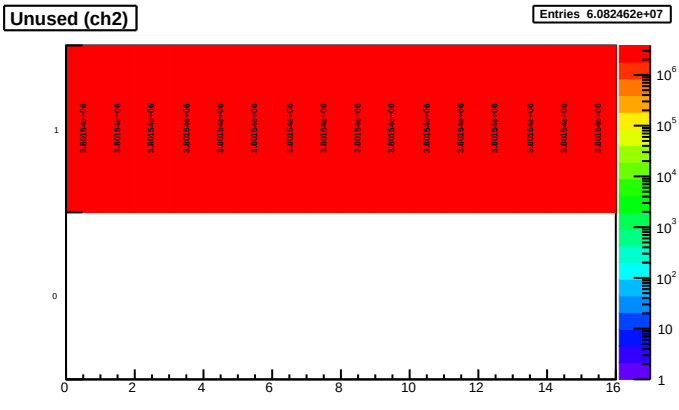
VPD-TAC3
VPD-TAC
VPD-E
VPD-W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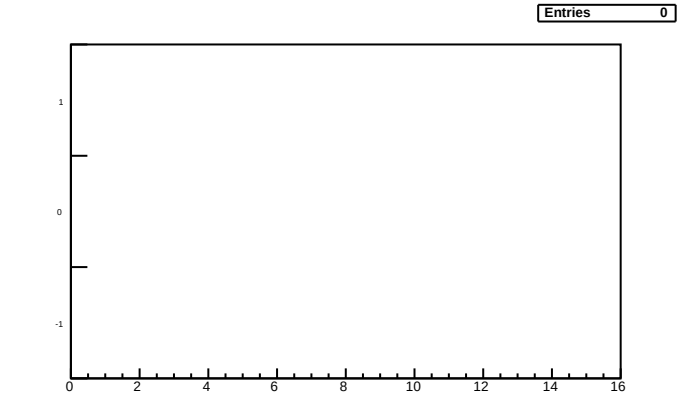
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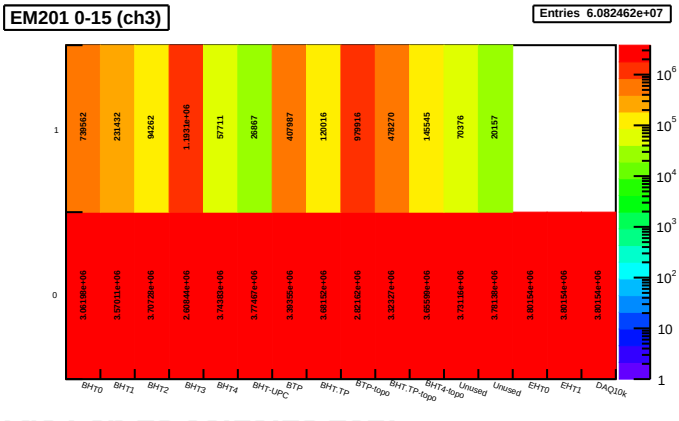
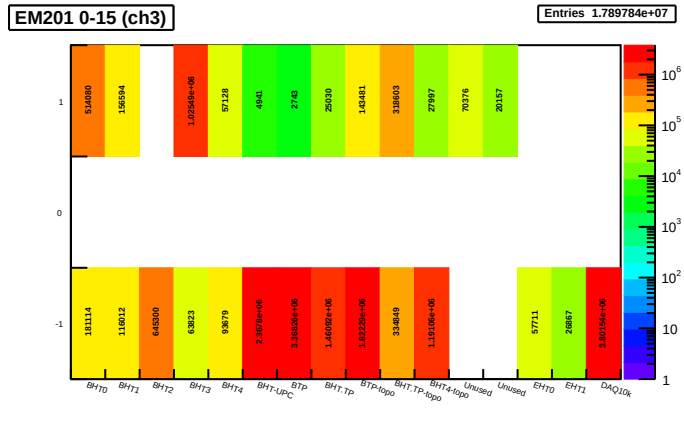

EM201 0-15 (ch3)
Entries 6.082462e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k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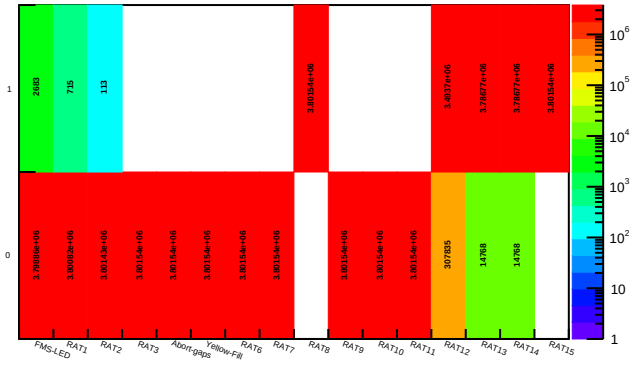
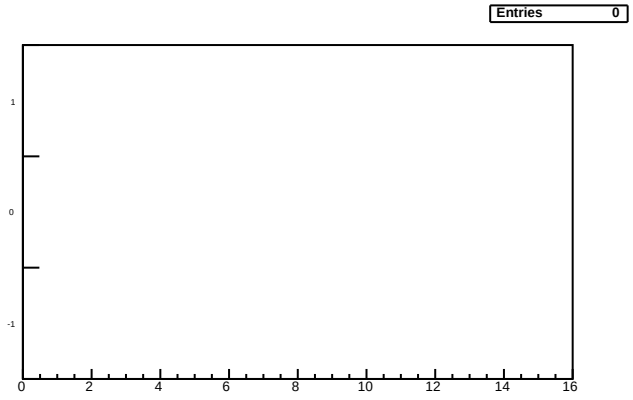
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

RAT board (ch4)





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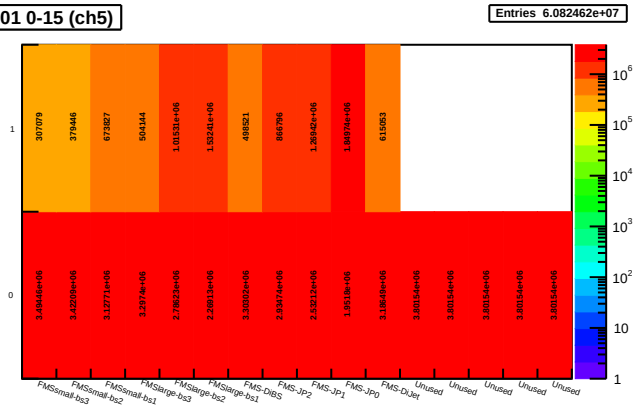
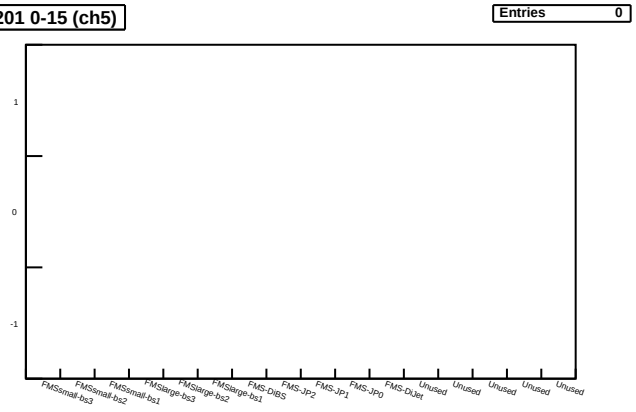


FP201 0-15 (ch5)



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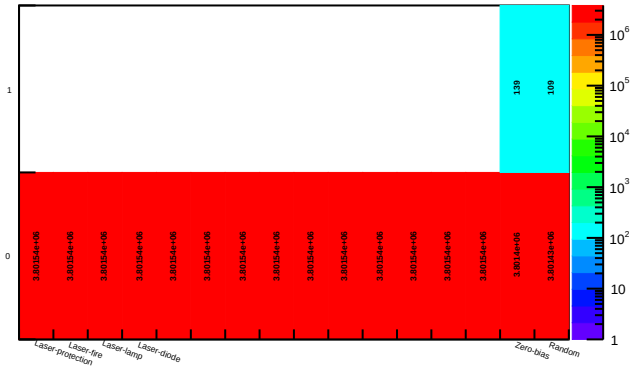

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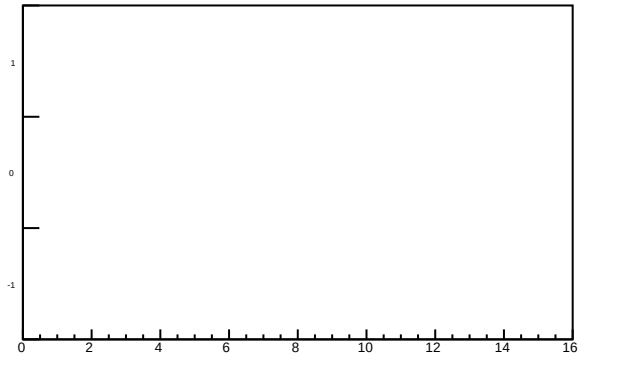
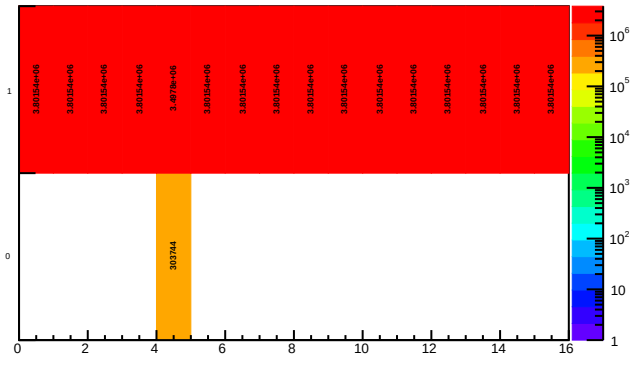
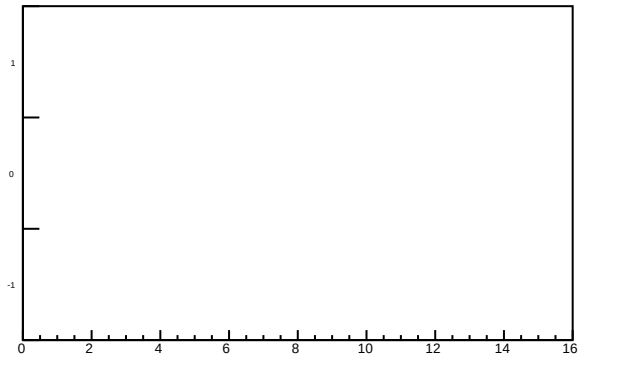


Unused (ch7)



Unused (ch7)