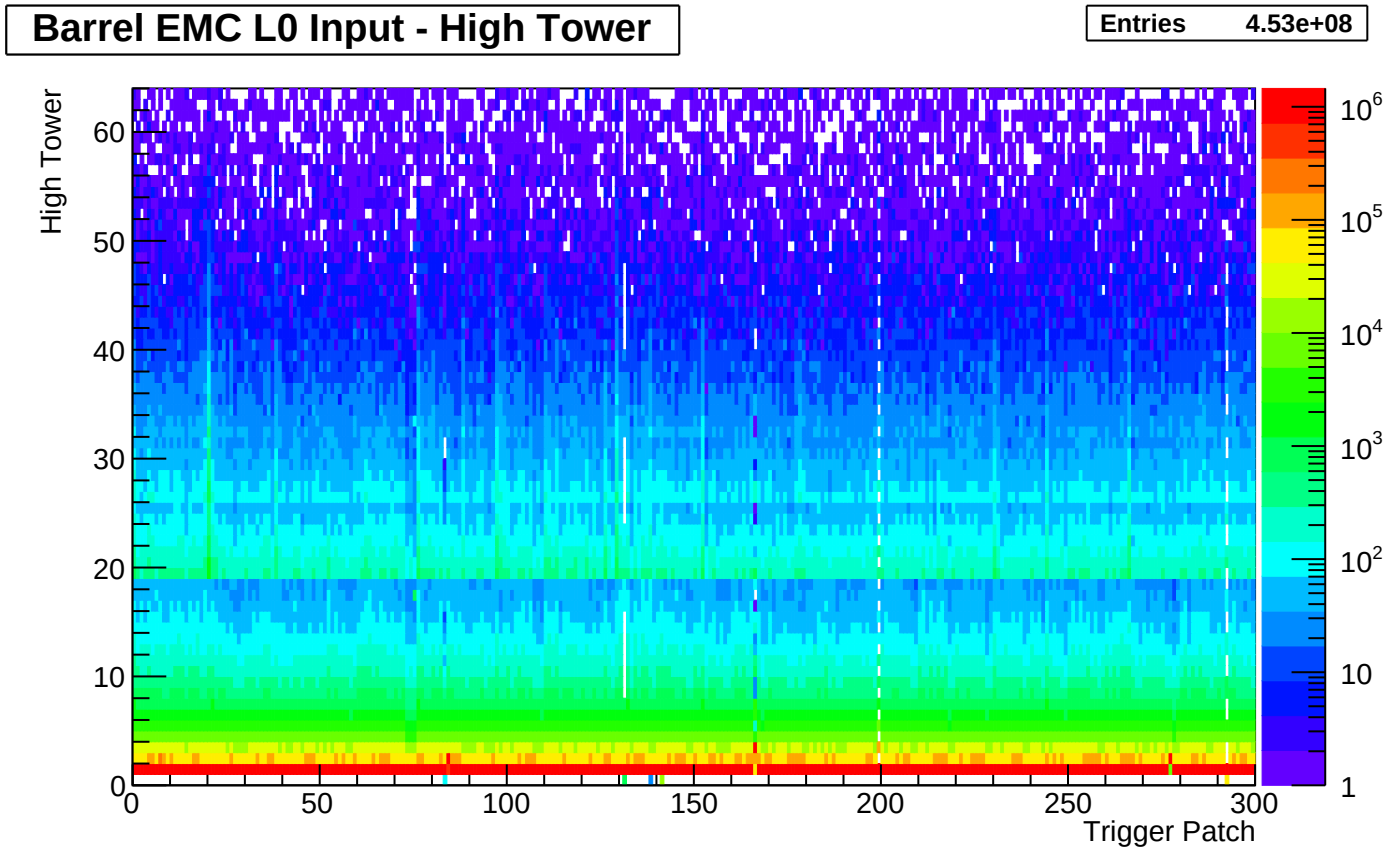
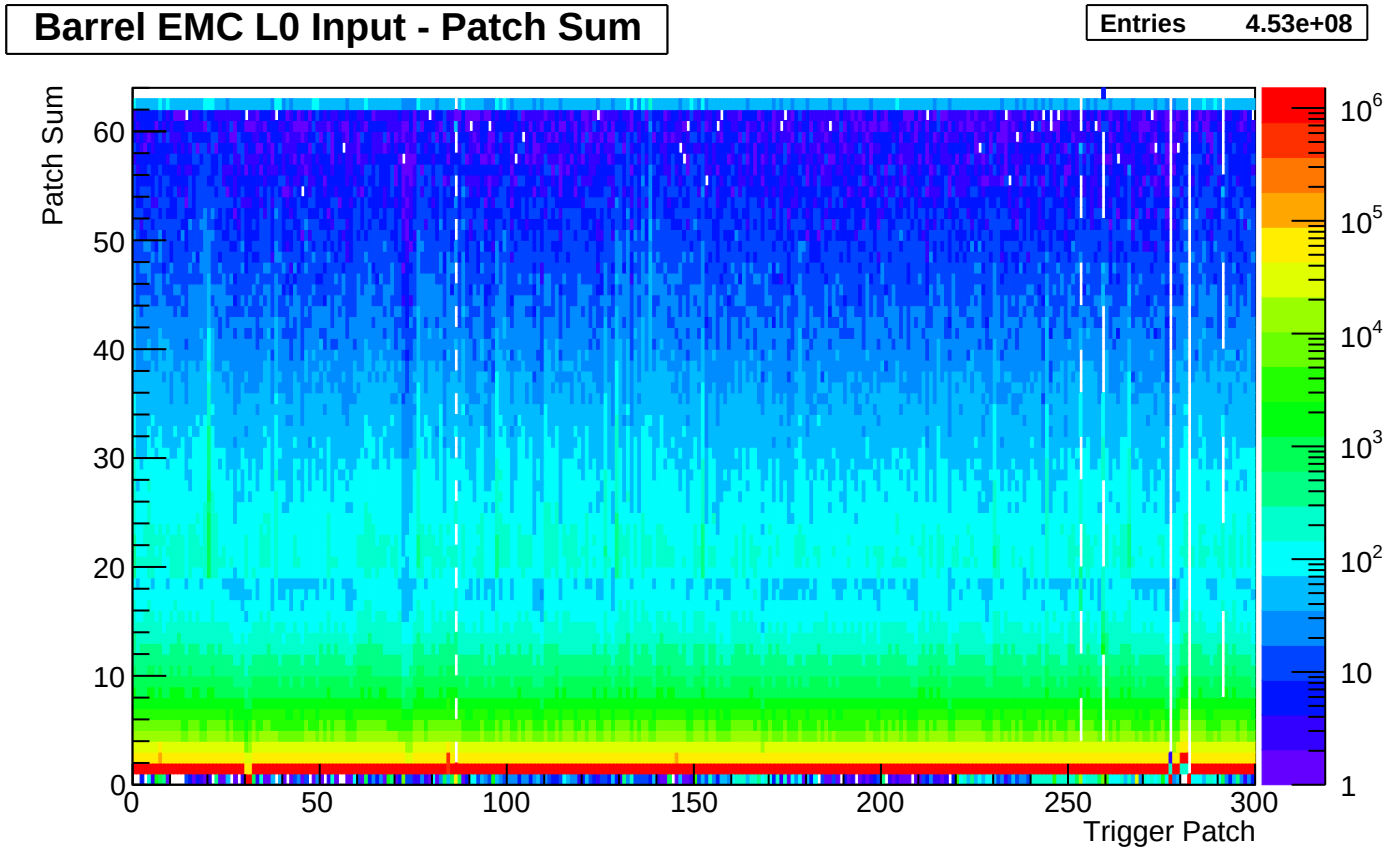
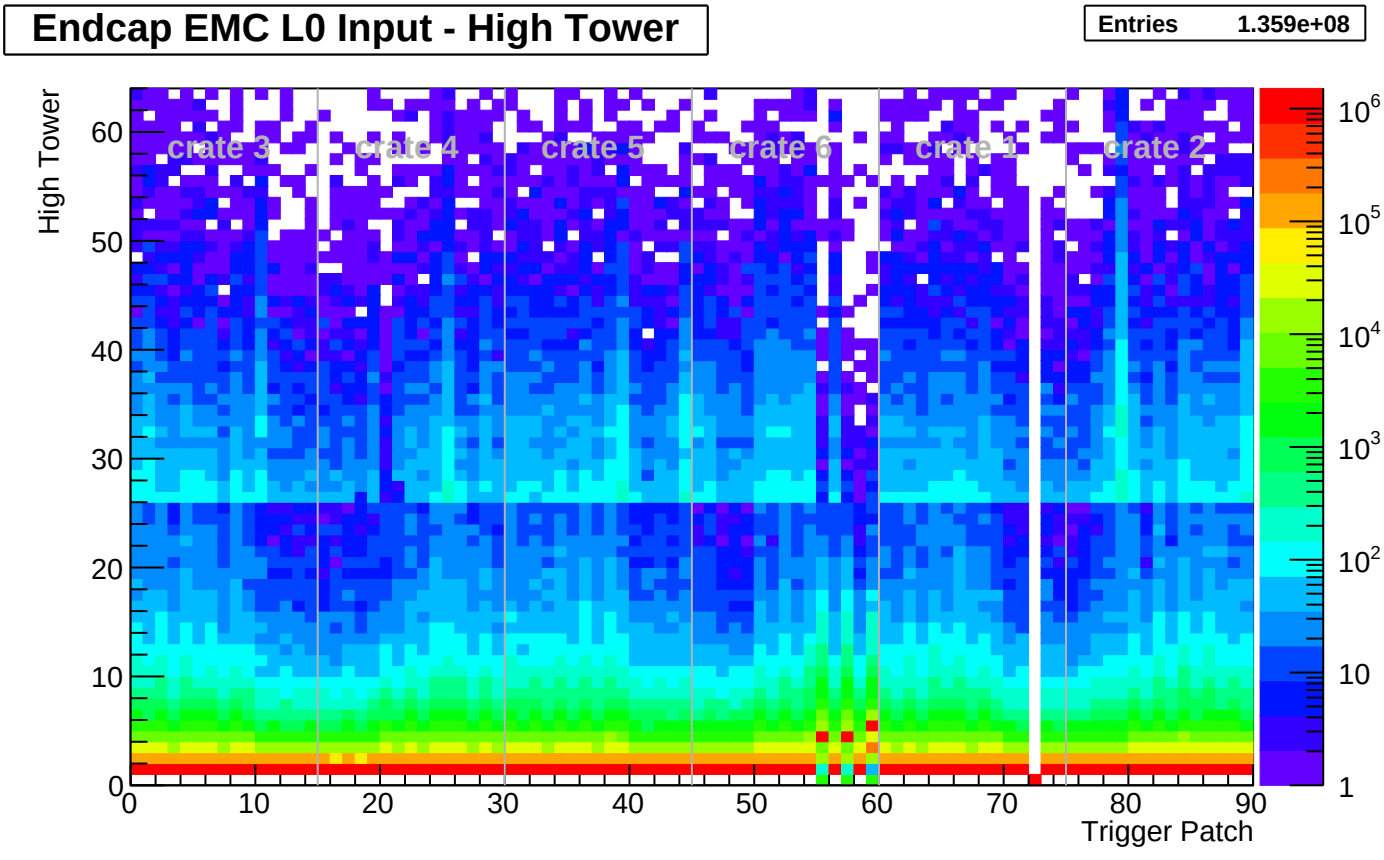
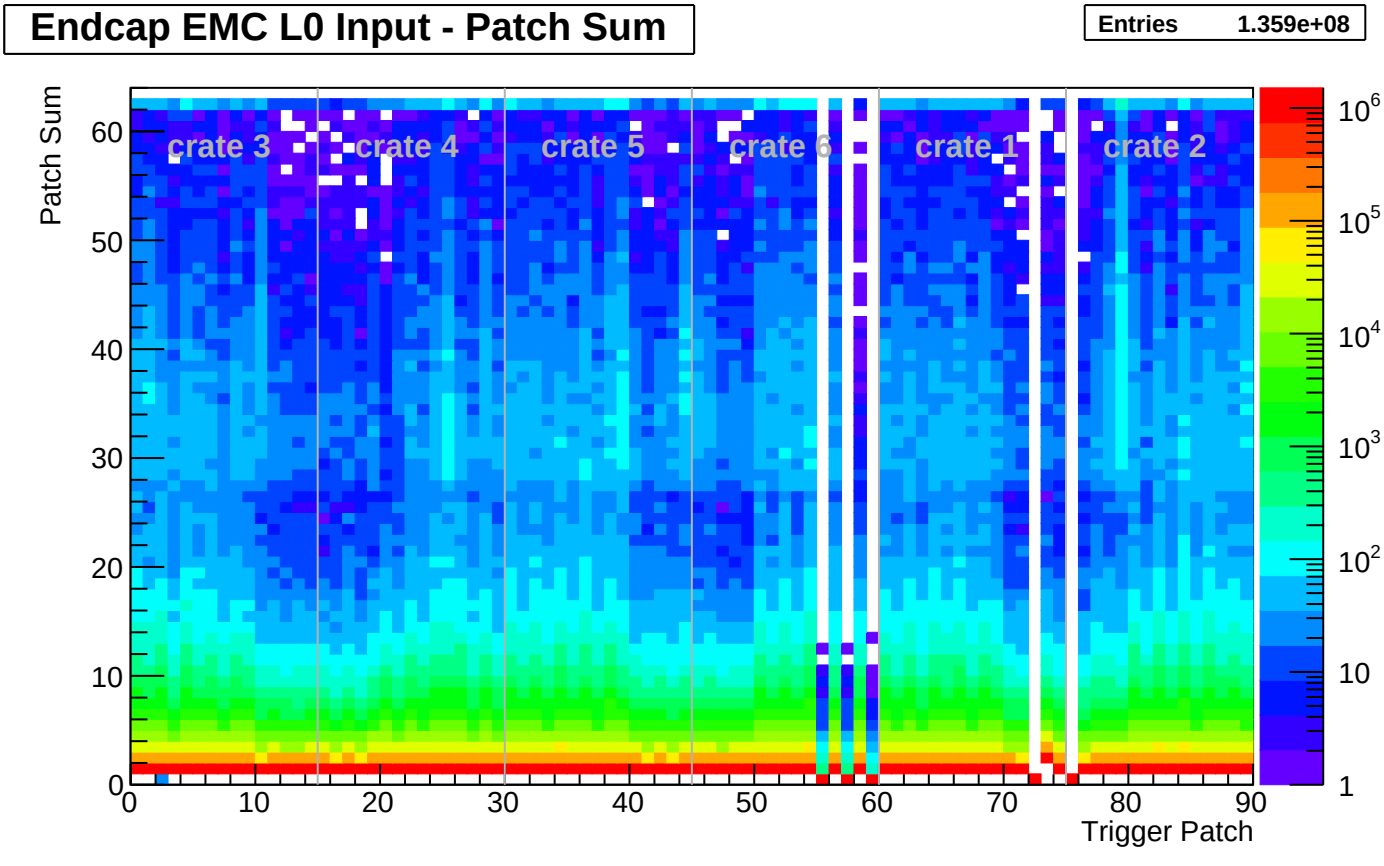
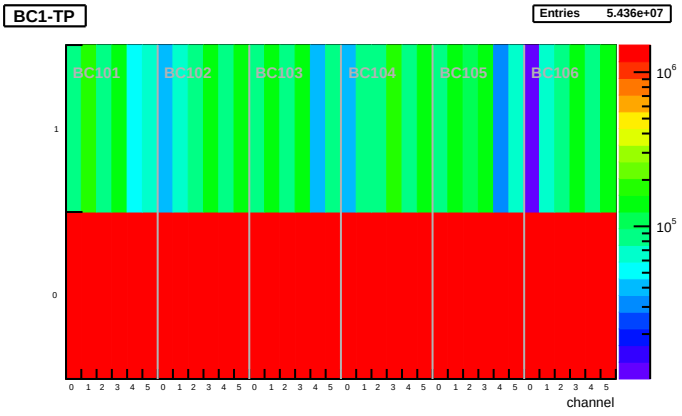
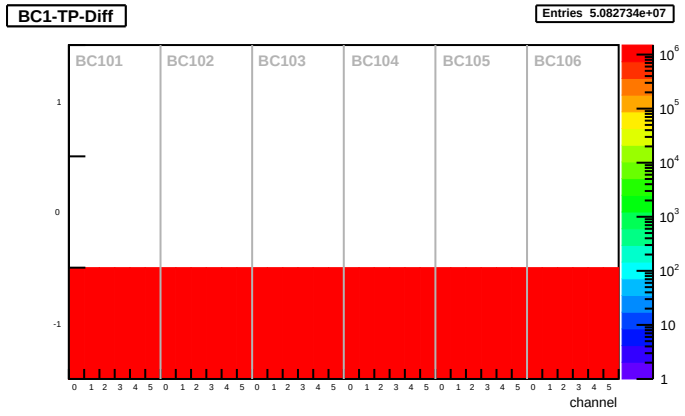

Barrel EMC L0 Input - High Tower
Entries 4.53e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

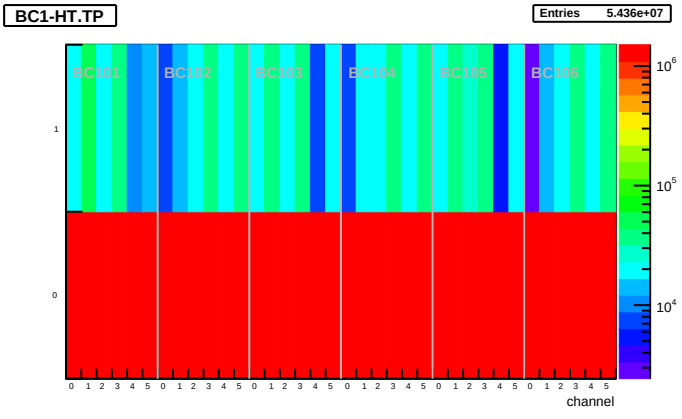

Barrel EMC L0 Input - Patch Sum
Entries 4.53e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

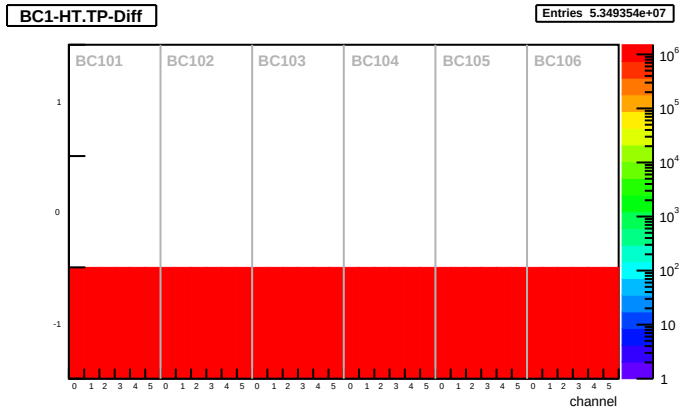

Endcap EMC L0 Input - High Tower
Entries 1.359e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

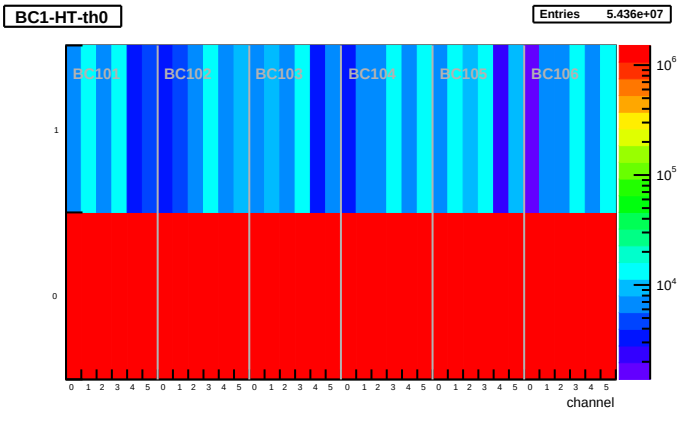

Endcap EMC L0 Input - Patch Sum
Entries 1.359e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

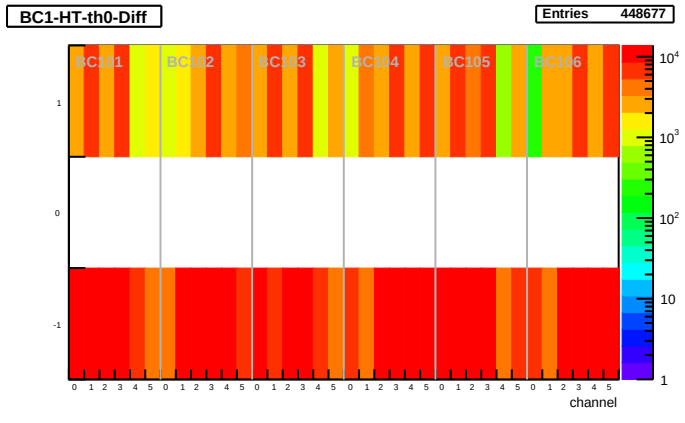

BC1-TP
Entries 5.436e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

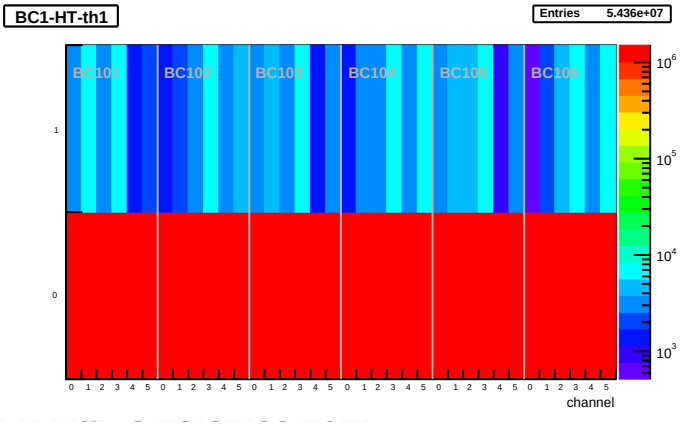

BC1-TP-Diff
Entries 5.082734e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

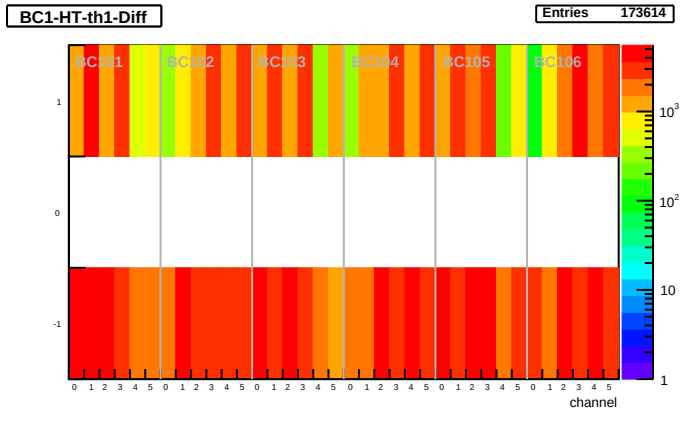

BC1-HT.TP
Entries 5.436e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

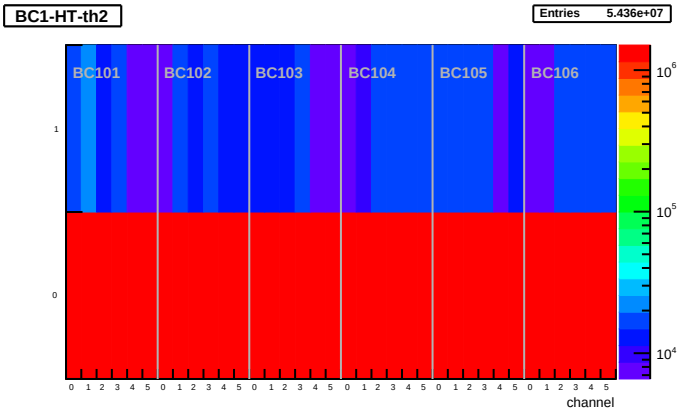

BC1-HT.TP-Diff
Entries 5.349354e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

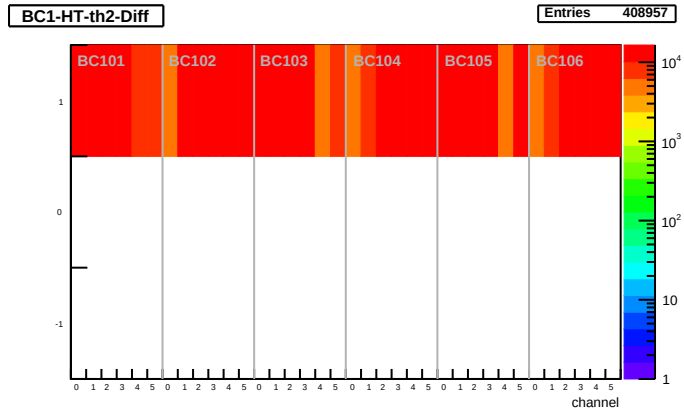

BC1-HT-th0
Entries 5.436e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

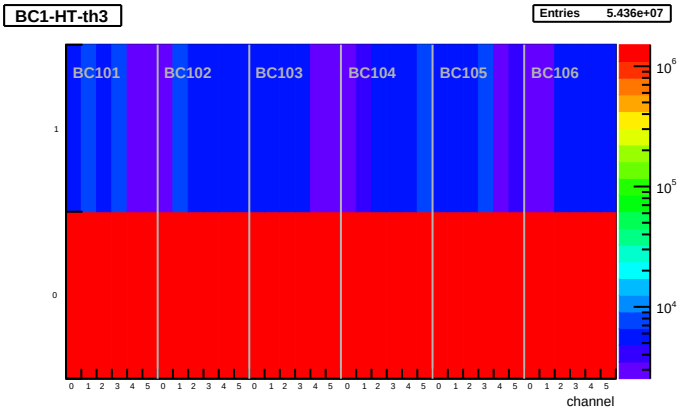

BC1-HT-th0-Diff
Entries 448677
BC101
BC102
BC103
BC104
BC105
BC106
channel

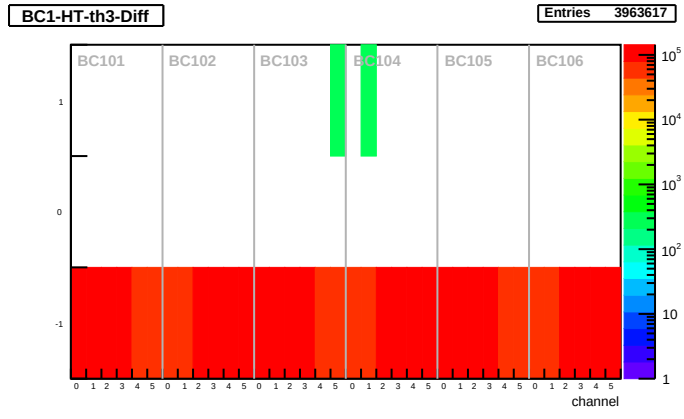

BC1-HT-th1
Entries 5.436e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

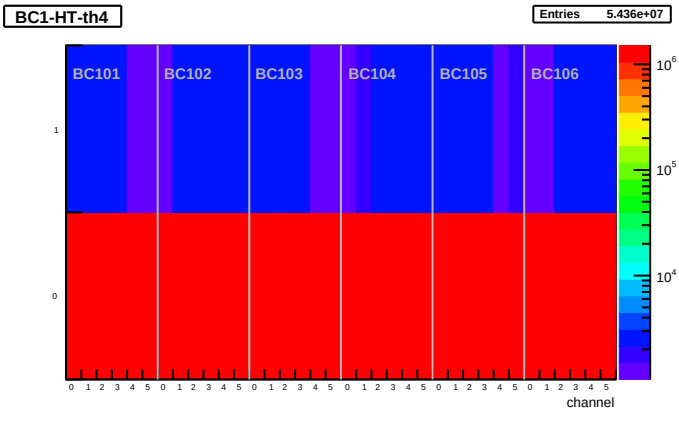

BC1-HT-th1-Diff
Entries 173614
BC101
BC102
BC103
BC104
BC105
BC106
channel

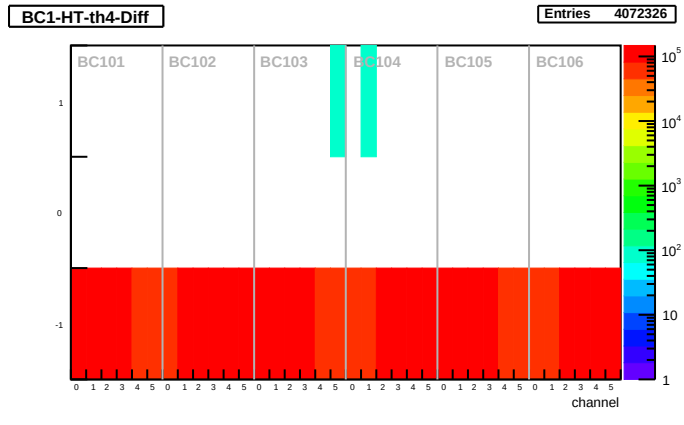

BC1-HT-th2
Entries 5.436e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

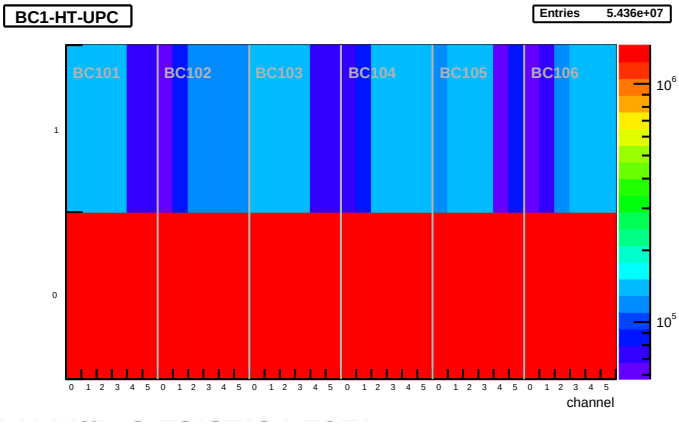

BC1-HT-th2-Diff
Entries 408957
BC101
BC102
BC103
BC104
BC105
BC106
channel

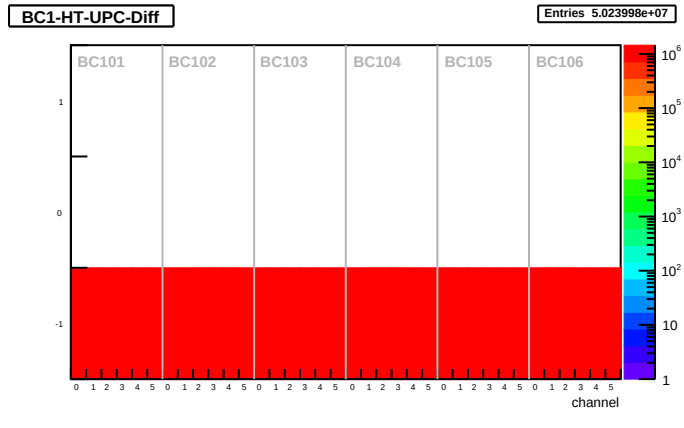

BC1-HT-th3
Entries 5.436e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

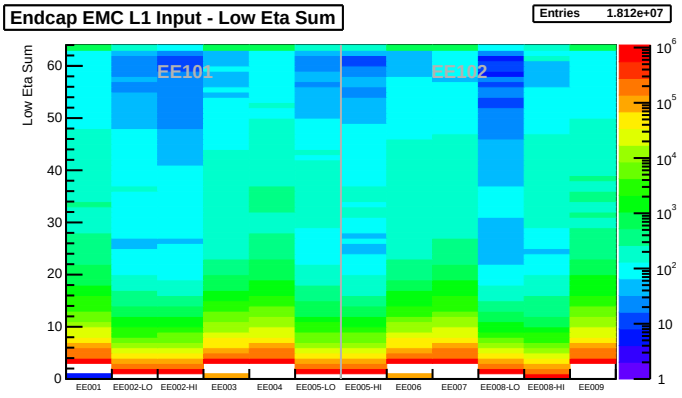

BC1-HT-th3-Diff
Entries 3963617
BC101
BC102
BC103
BC104
BC105
BC106
channel

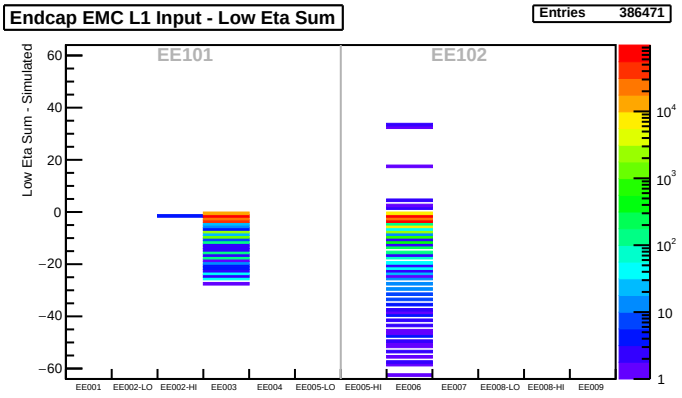

BC1-HT-th4
Entries 5.436e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

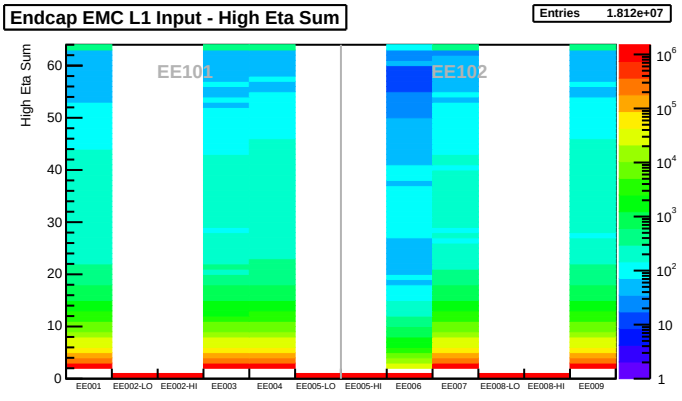

BC1-HT-th4-Diff
Entries 4072326
BC101
BC102
BC103
BC104
BC105
BC106
channel

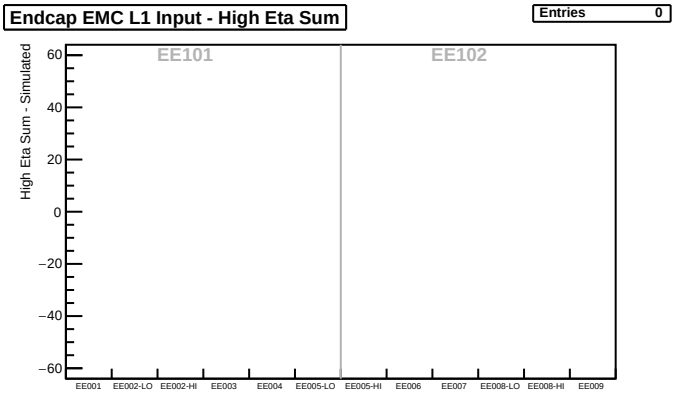

BC1-HT-UPC
Entries 5.436e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

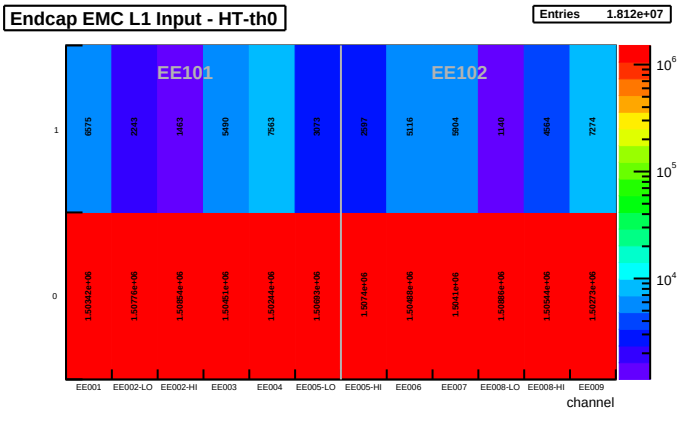

BC1-HT-UPC-Diff
Entries 5.023998e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

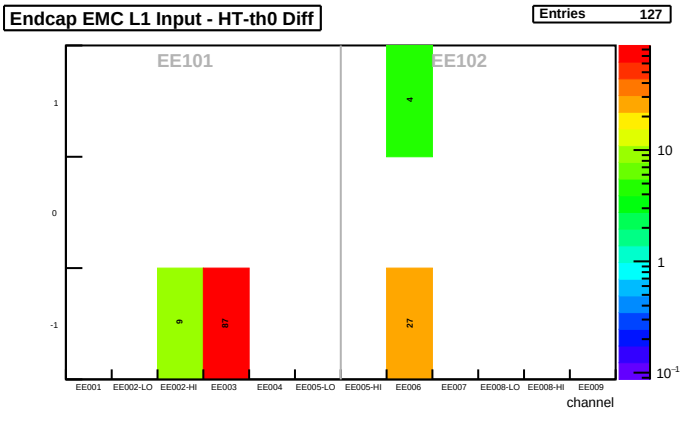

Endcap EMC L1 Input - Low Eta Sum
Entries 1.812e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

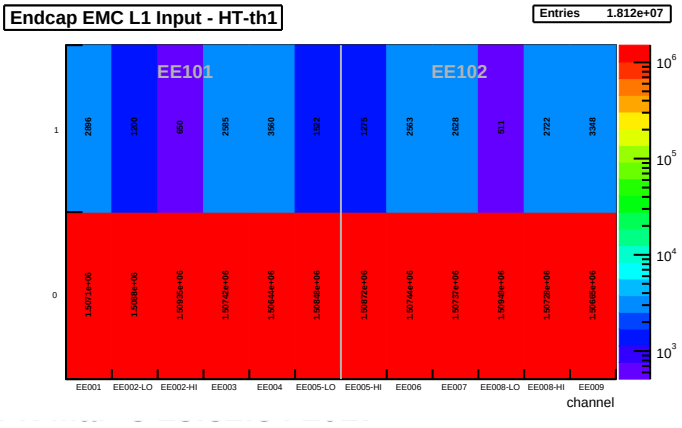

Endcap EMC L1 Input - Low Eta Sum
Entries 386471
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

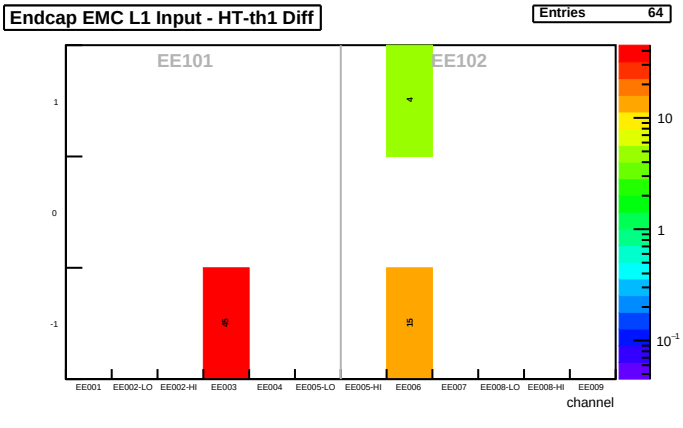

Endcap EMC L1 Input - High Eta Sum
Entries 1.812e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

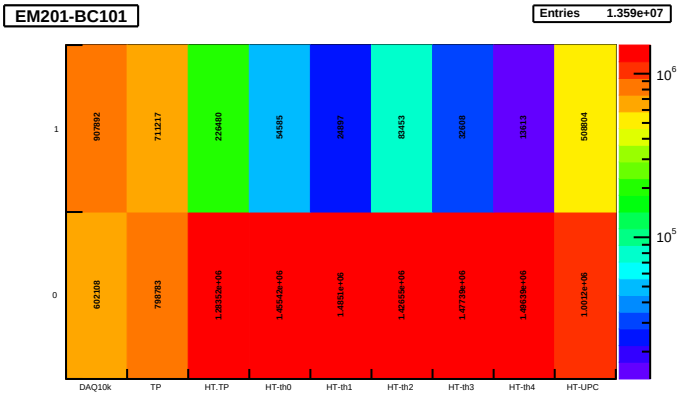

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

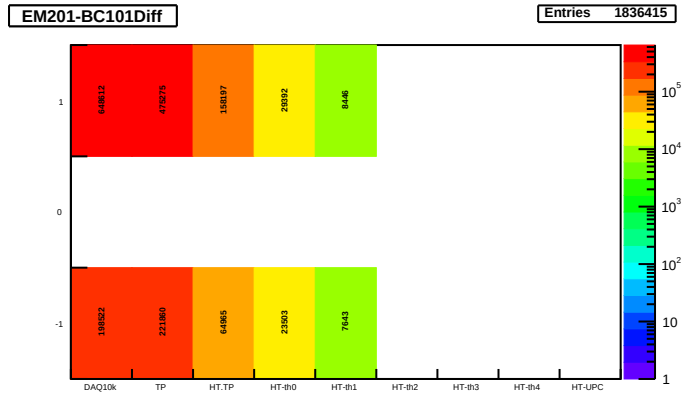

Endcap EMC L1 Input - HT-th0
Entries 1.812e+07
EE101
EE102
6575 2243 1453 5490 7563 3073 2597 5116 5904 1140 4584 7274
1.50342e+06 1.50776e+06 1.50864e+06 1.50451e+06 1.50244e+06 1.50933e+06 1.50174e+06 1.50488e+06 1.50411e+06 1.50885e+06 1.50944e+06 1.50272e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

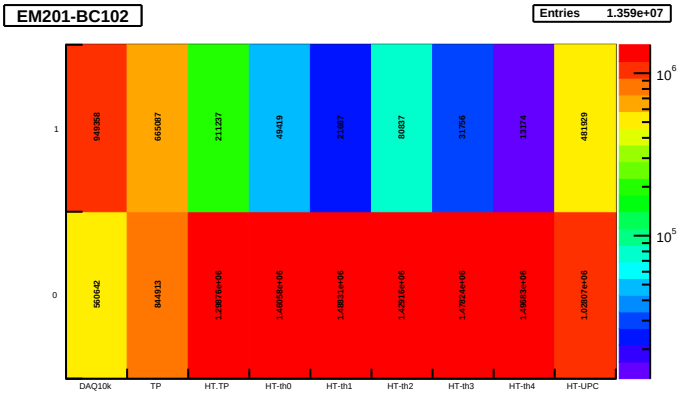

Endcap EMC L1 Input - HT-th0 Diff
Entries 127
EE101
EE102
4
9 87 27
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

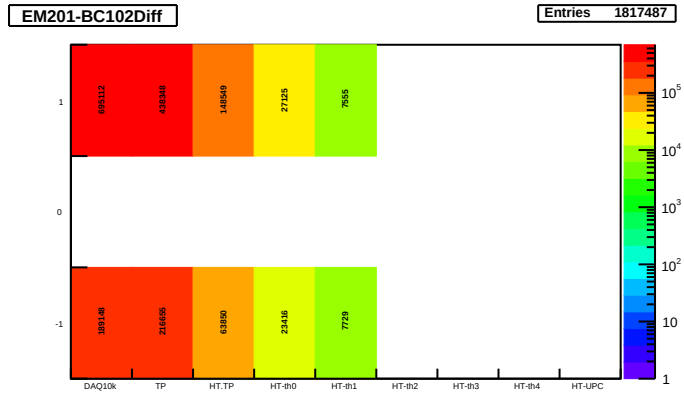

Endcap EMC L1 Input - HT-th1
Entries 1.812e+07
EE101
EE102
2896 1200 650 2895 3560 1522 1275 2563 2628 511 2722 3348
1.50711e+06 1.5089e+06 1.50735e+06 1.50742e+06 1.50544e+06 1.50489e+06 1.50372e+06 1.50744e+06 1.50737e+06 1.50940e+06 1.50729e+06 1.50668e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

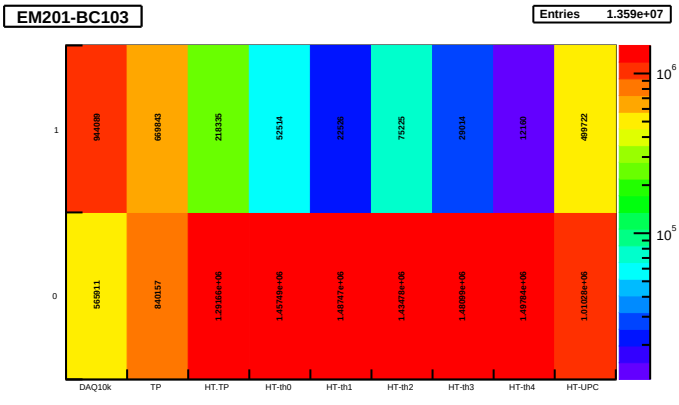

Endcap EMC L1 Input - HT-th1 Diff
Entries 64
EE101
EE102
4
45 15
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

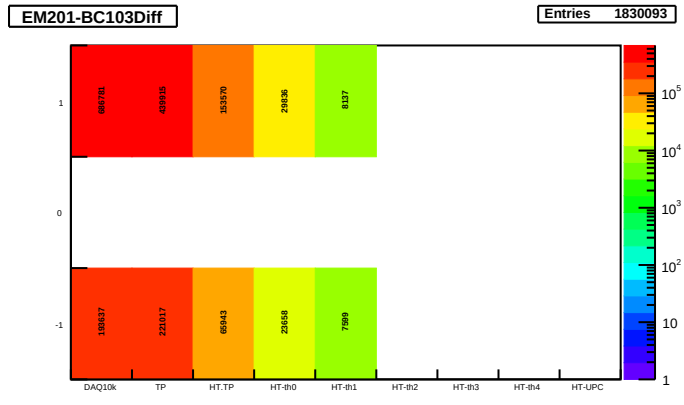

EM201-BC101
Entries 1.359e+07
907892 711217 229480 54585 24897 83453 32608 13813 508804
692108 798783 1.23352e+06 1.65542e+06 1.48514e+06 1.42659e+06 1.47739e+06 1.46639e+06 1.00132e+06
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

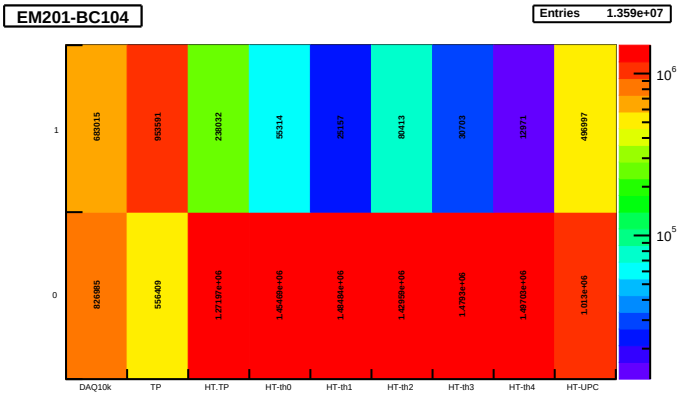

EM201-BC101Diff
Entries 1836415
648512 475275 158197 28932 8446
198522 221860 64865 23903 7643
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

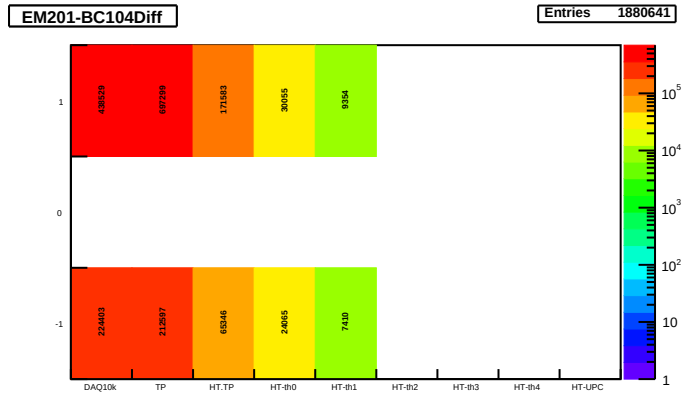

EM201-BC102
Entries 1.359e+07
949358 665087 211237 49419 21687 80837 31756 13174 481829
569642 844913 1.29076e+06 1.46958e+06 1.48831e+06 1.43916e+06 1.47924e+06 1.49683e+06 1.02807e+06
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC


EM201-BC102Diff
Entries 1817487
695112 438348 148549 27125 7555
139148 216655 63850 23416 7729
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

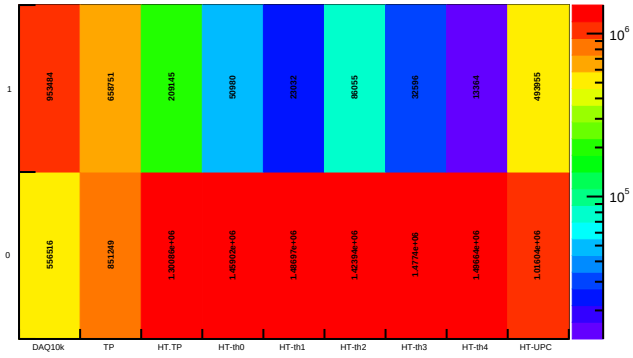

EM201-BC103
Entries 1.359e+07
944089 669843 218335 52514 22268 75225 29014 12160 499722
563911 840157 1.21916e+06 1.45749e+06 1.48747e+06 1.43428e+06 1.48999e+06 1.49784e+06 1.01028e+06
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC


EM201-BC103Diff
Entries 1830093
666781 439915 153570 29836 8137
159637 221017 65943 23658 7599
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

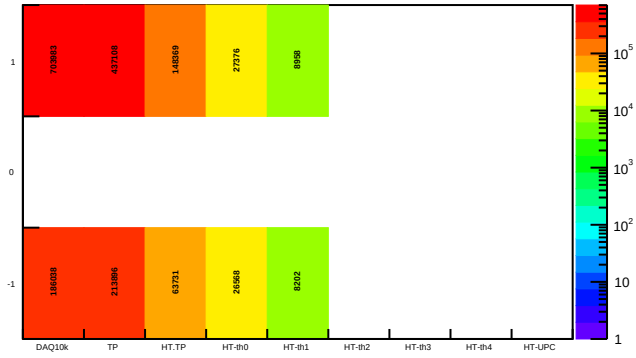

EM201-BC104
Entries 1.359e+07
630015 953591 238032 55314 25157 80413 30703 12371 496997
826985 556409 1.27197e+06 1.45468e+06 1.48484e+06 1.42659e+06 1.47934e+06 1.48703e+06 1.0132e+06
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC


EM201-BC104Diff
Entries 1880641
439529 697299 171583 30055 9354
224403 212597 65346 24055 7410
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

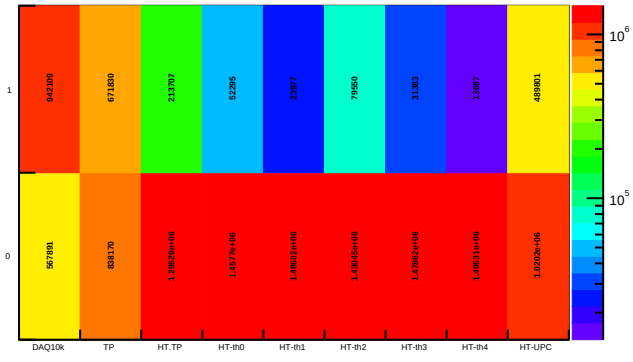
**EM201-BC105** Entries 1.359e+07



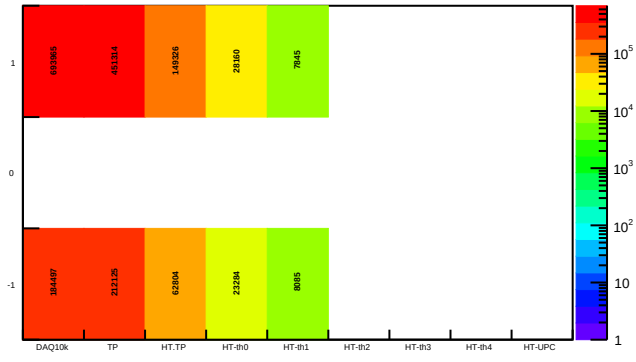

**EM201-BC105Diff** Entries 1824229



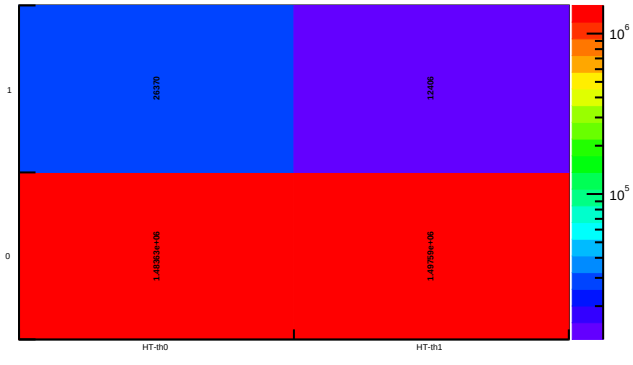

**EM201-BC106** Entries 1.359e+07



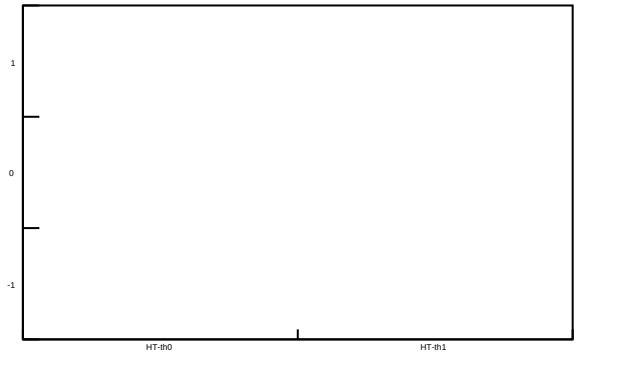

**EM201-BC106Diff** Entries 1821405



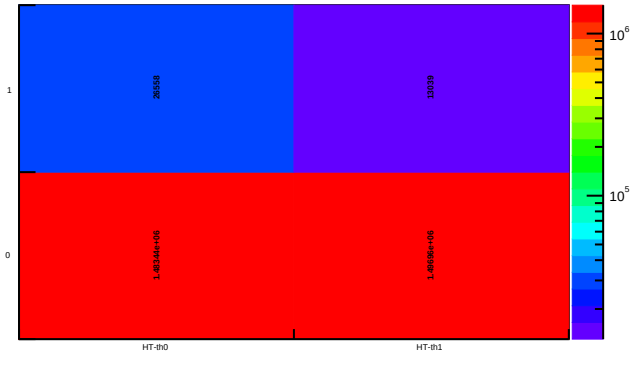

**EM201-EE101** Entries 3020000



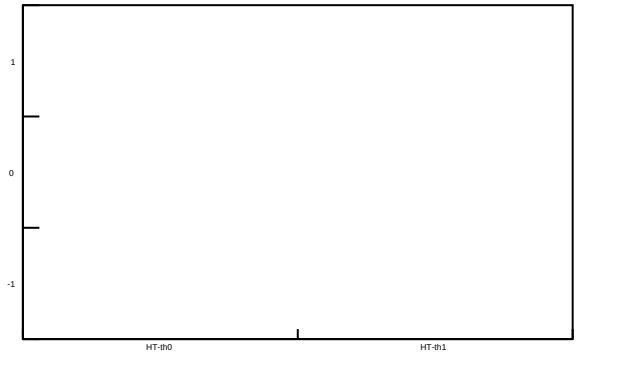

**EM201-EE101Diff** Entries 0

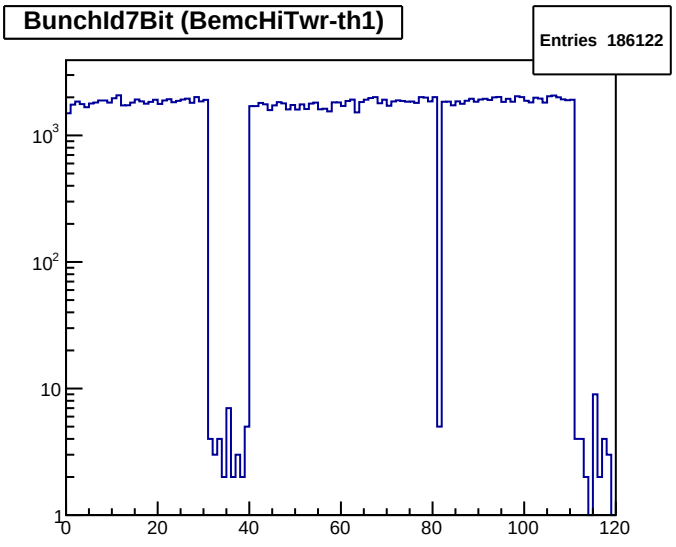


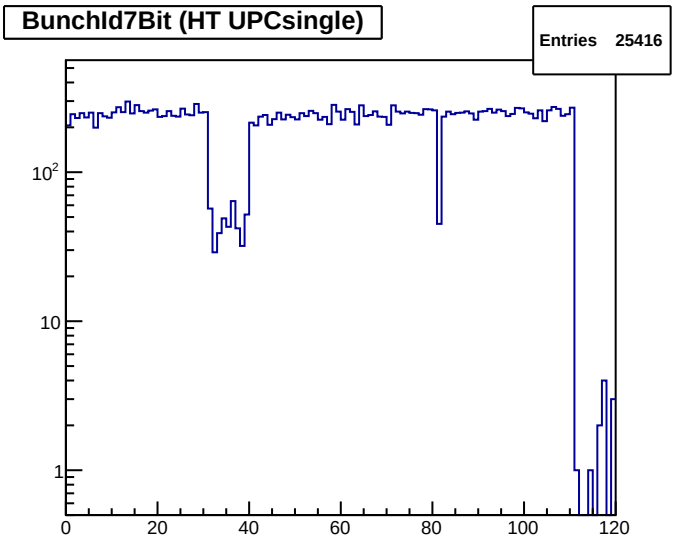

**EM201-EE102** Entries 3020000

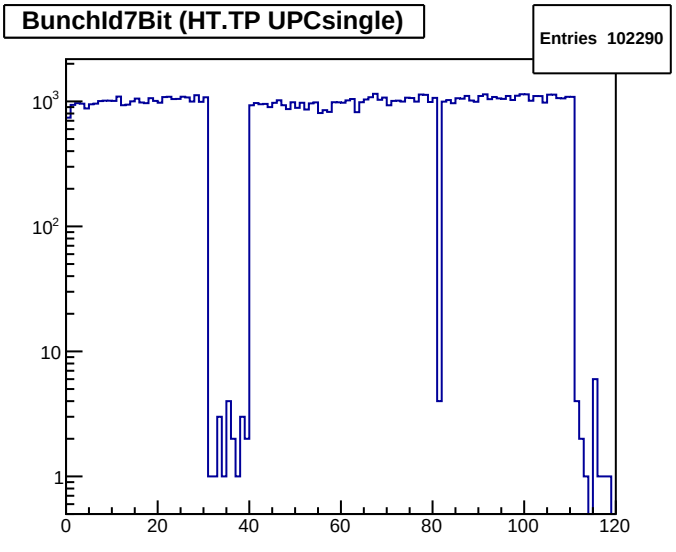


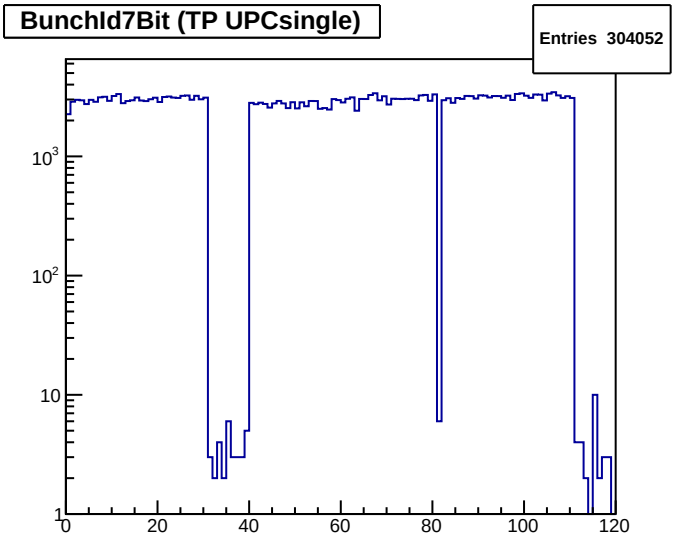

**EM201-EE102Diff** Entries 0

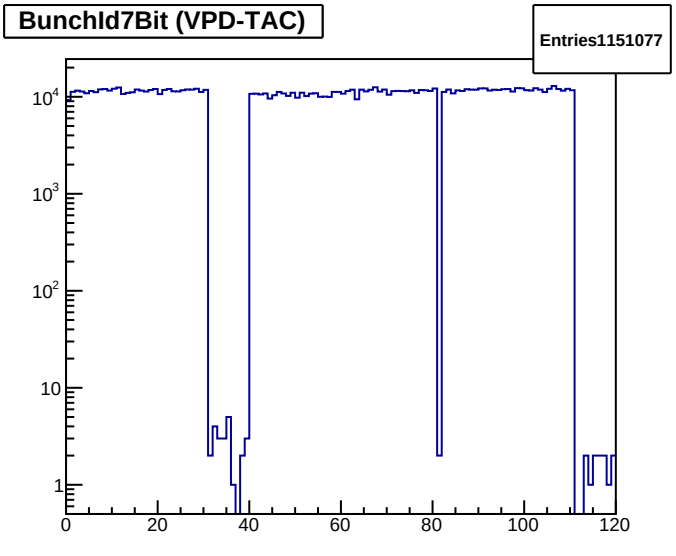


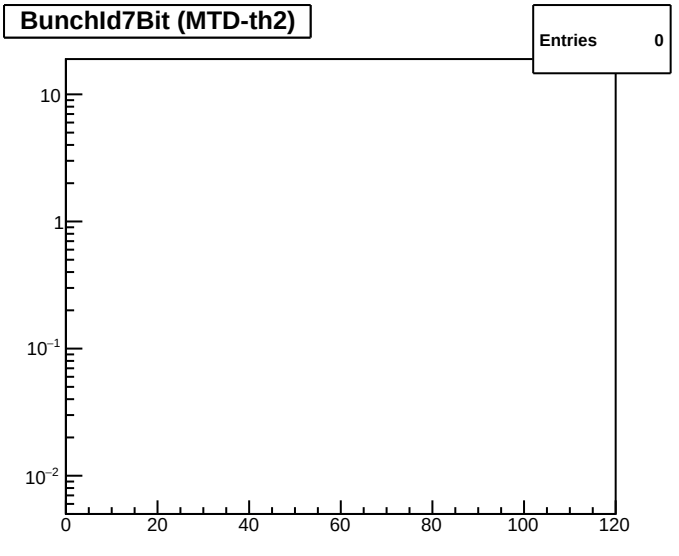

BunchId7Bit (BemcHiTwr-th1)
Entries 186122

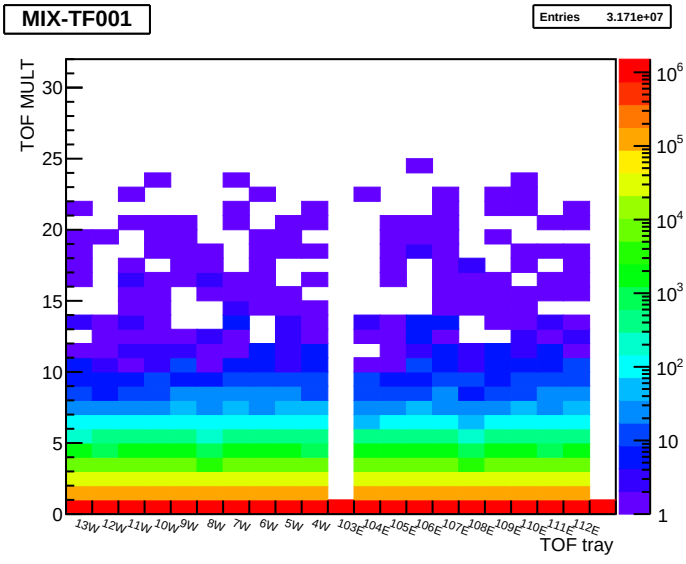

BunchId7Bit (HT UPCsingle)
Entries 25416

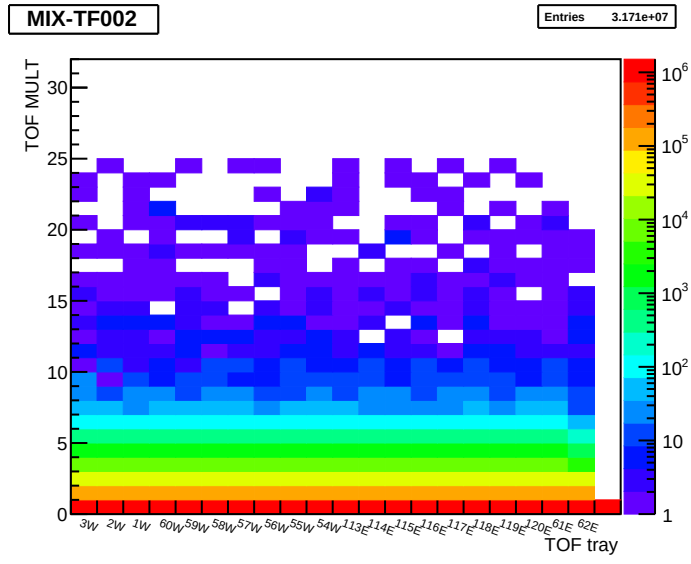

BunchId7Bit (HT.TP UPCsingle)
Entries 102290

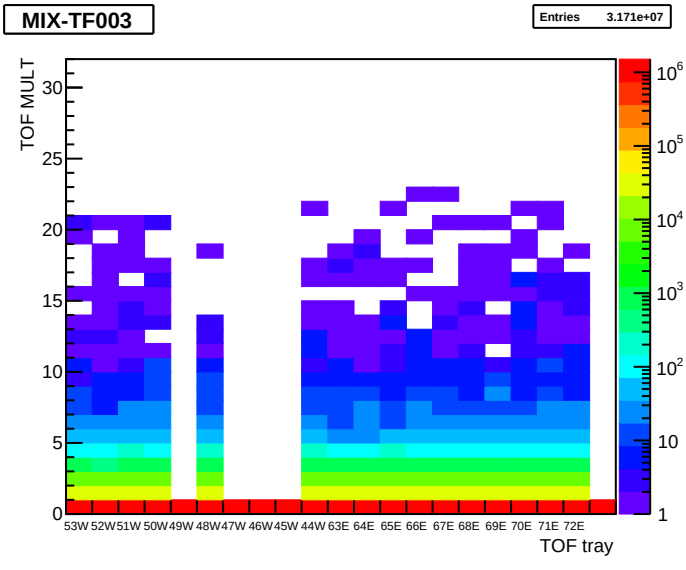

BunchId7Bit (TP UPCsingle)
Entries 304052

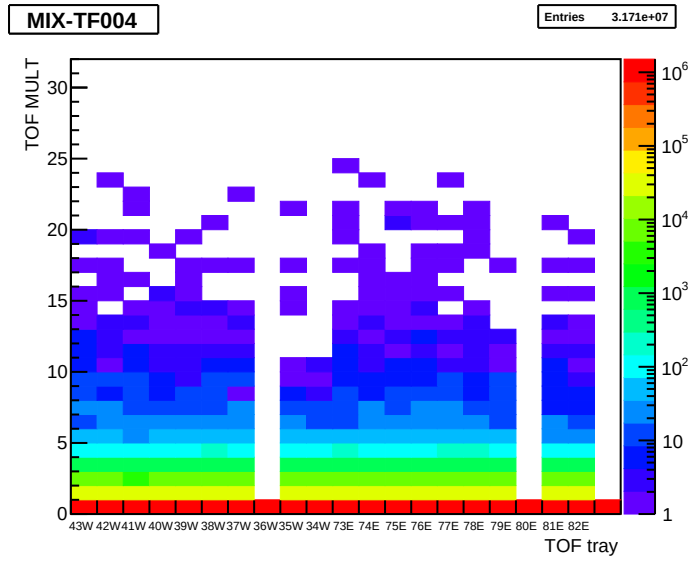

BunchId7Bit (VPD-TAC)
Entries1151077

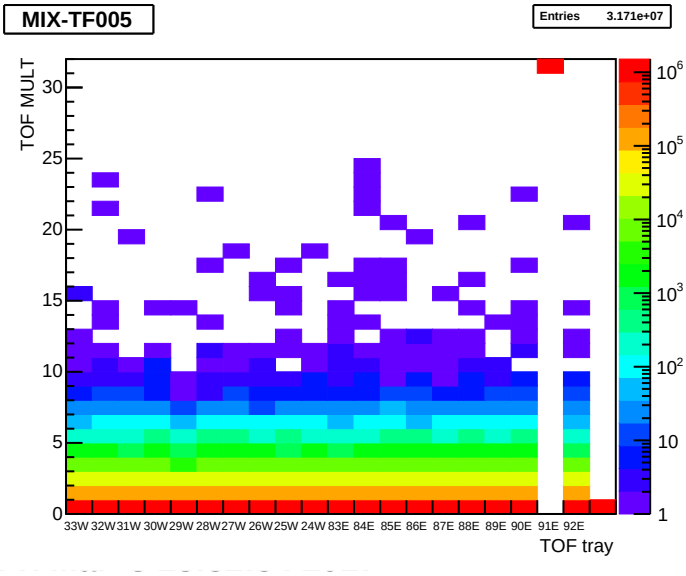

BunchId7Bit (MTD-th2)
Entries 0

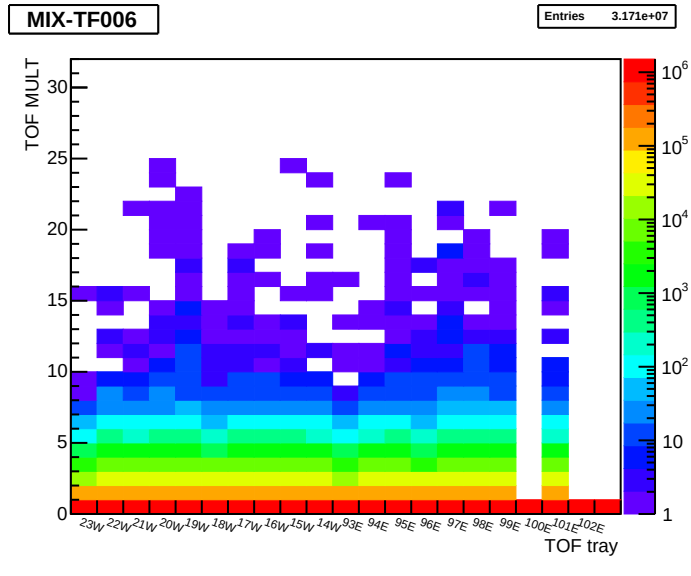

MIX-TF001
Entries 3.171e+07
TOF MULT
TOF tray

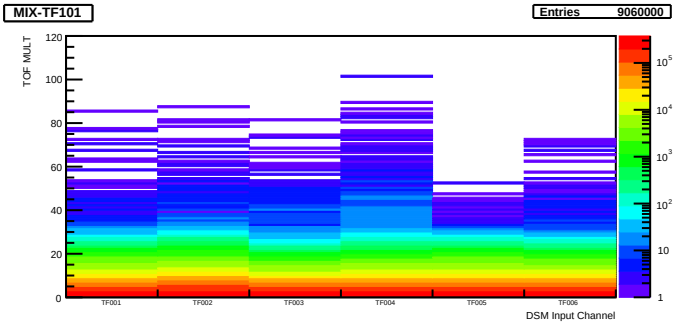

MIX-TF002
Entries 3.171e+07
TOF MULT
TOF tray

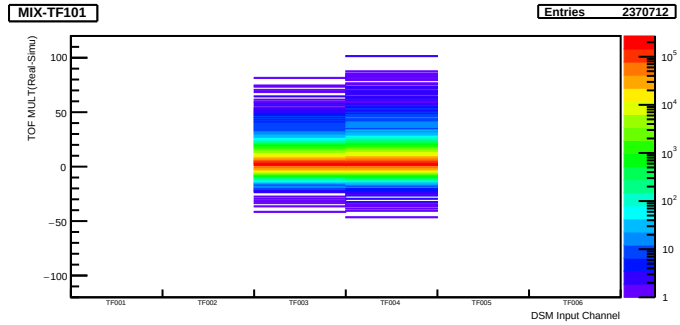

MIX-TF003
Entries 3.171e+07
TOF MULT
TOF tray

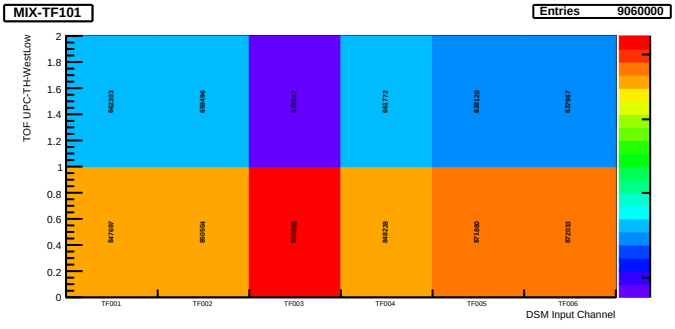

MIX-TF004
Entries 3.171e+07
TOF MULT
TOF tray

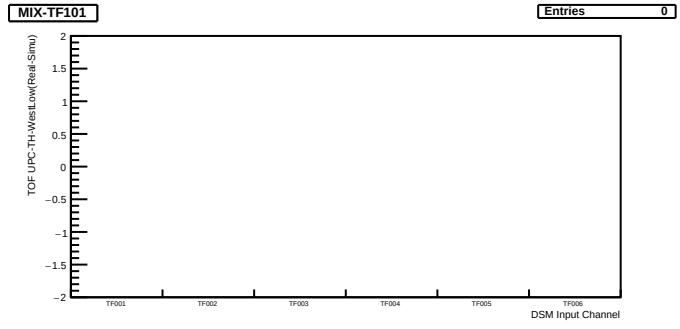

MIX-TF005
Entries 3.171e+07
TOF MULT
TOF tray

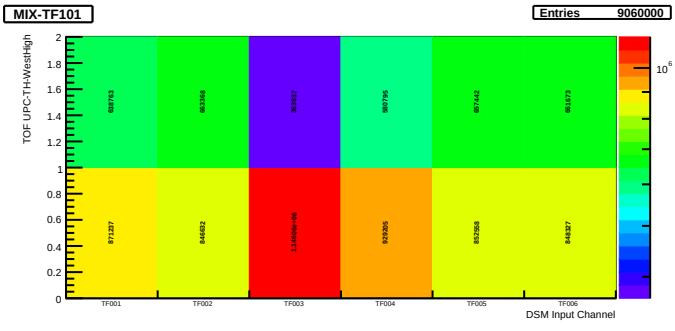

MIX-TF006
Entries 3.171e+07
TOF MULT
TOF tray

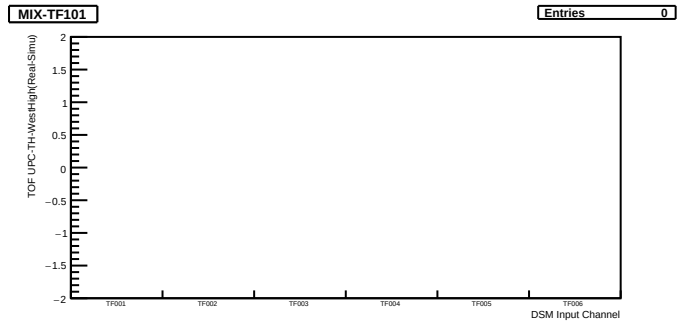

MIX-TF101
Entries 9060000
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

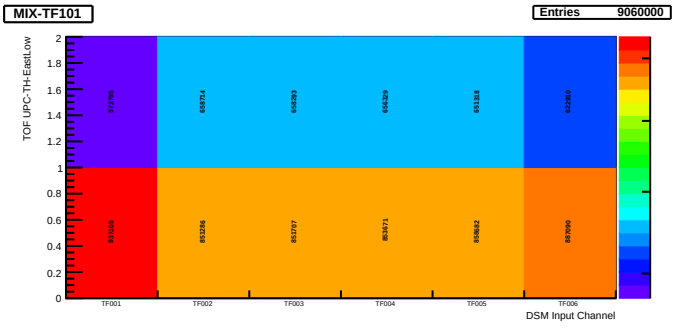

MIX-TF101
Entries 2370712
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

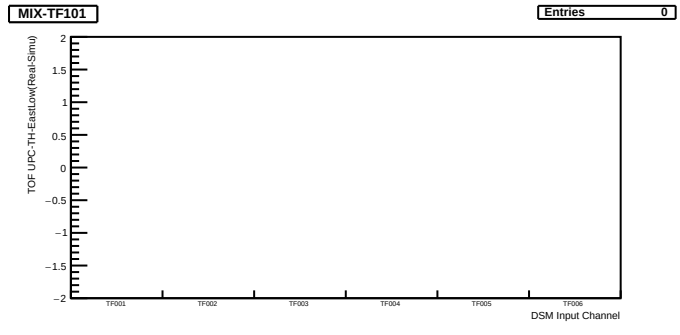

MIX-TF101
Entries 9060000
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

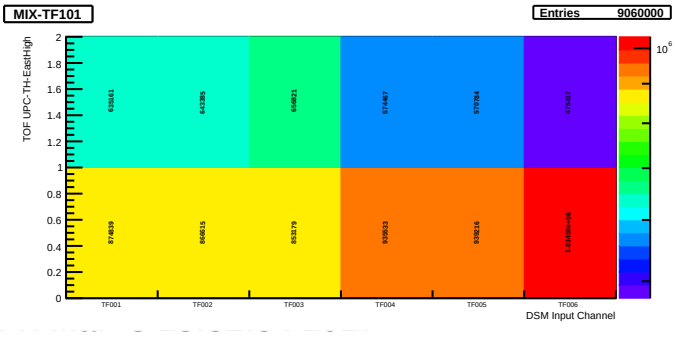

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

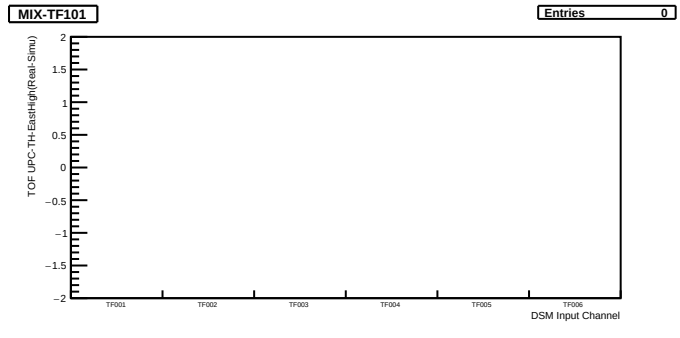

MIX-TF101
Entries 9060000
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

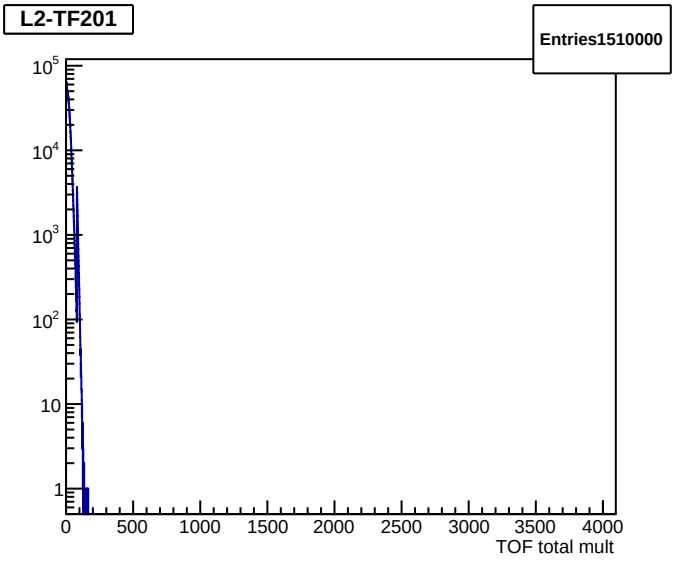

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

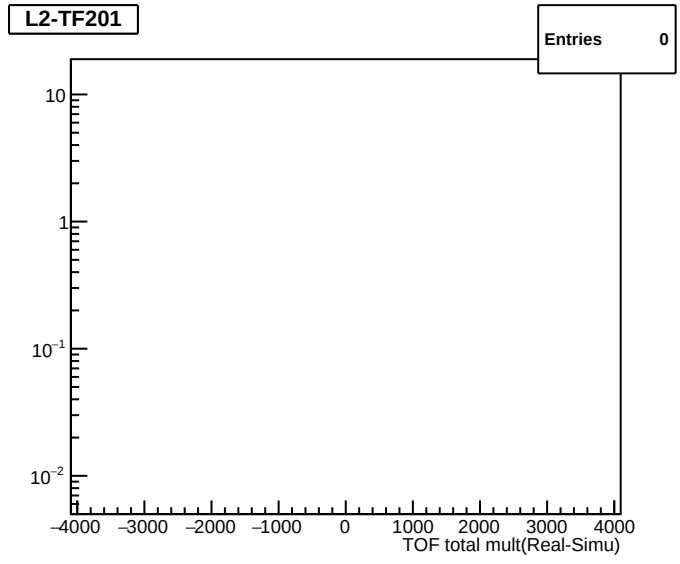

MIX-TF101
Entries 9060000
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

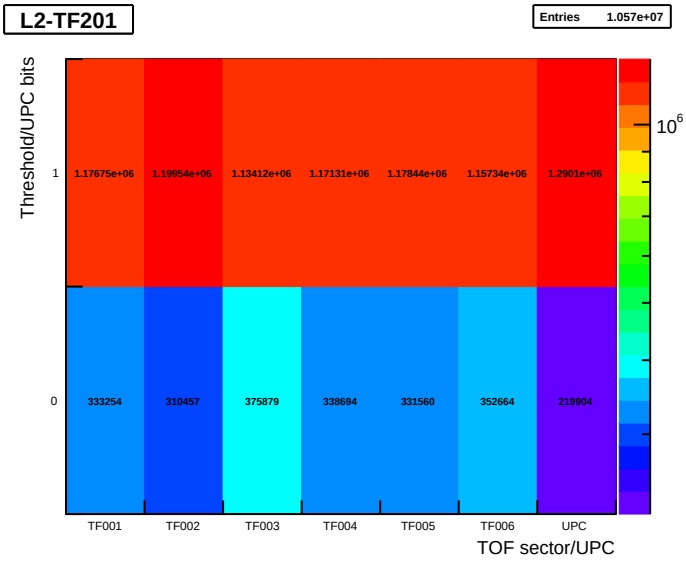

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

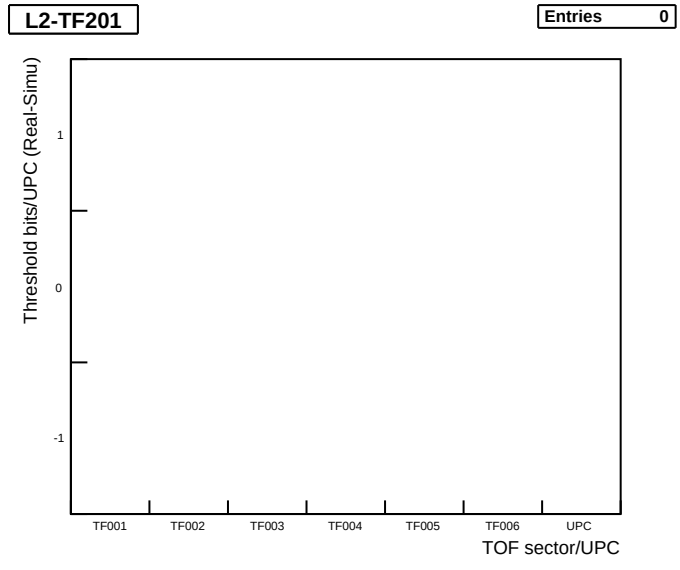

MIX-TF101
Entries 9060000
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

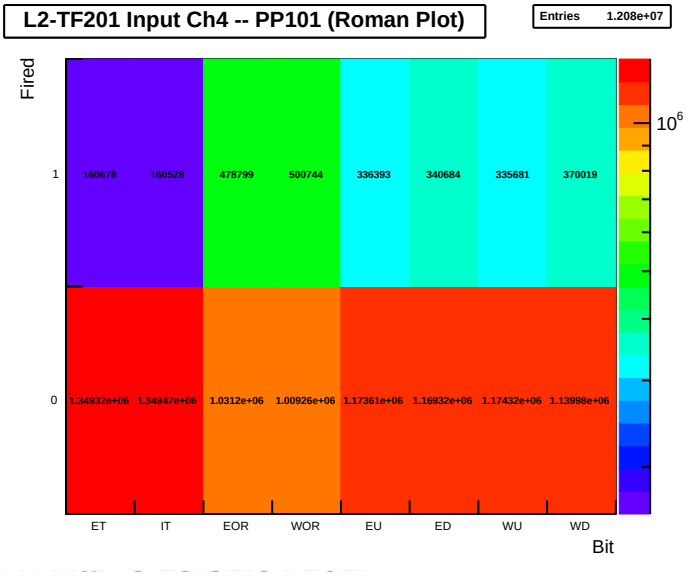

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

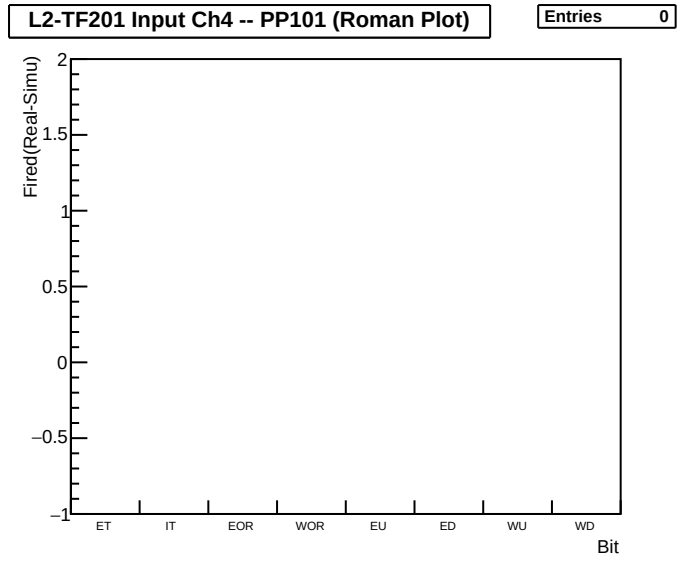

L2-TF201
Entries1510000
TOF total mult

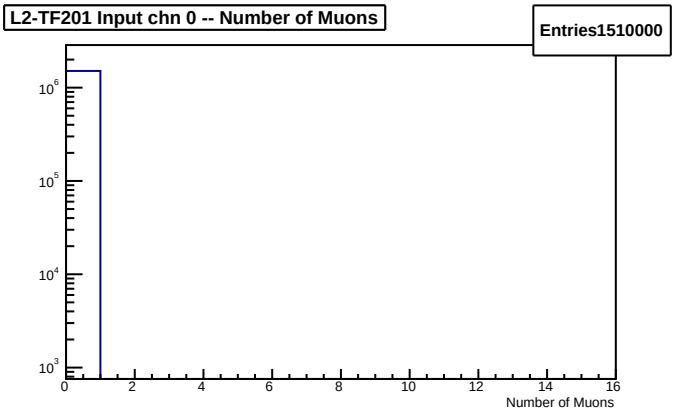

L2-TF201
Entries 0
TOF total mult(Real-Simu)

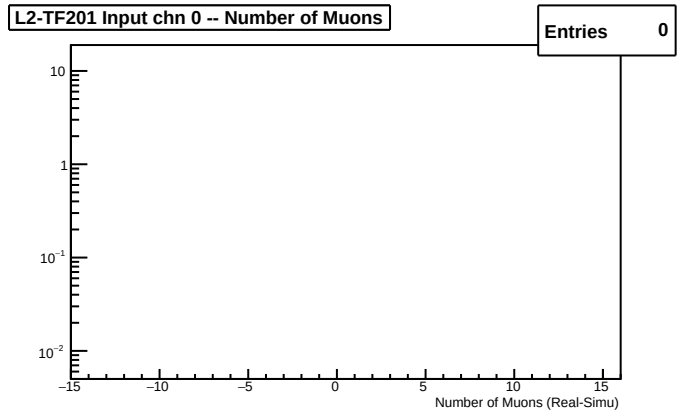

L2-TF201
Entries 1.057e+07
Threshold/UPC bits
1.17675e+06
1.19954e+06
1.13412e+06
1.17131e+06
1.17844e+06
1.15734e+06
1.2901e+06
333254
310457
375879
338694
331560
352664
219904
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

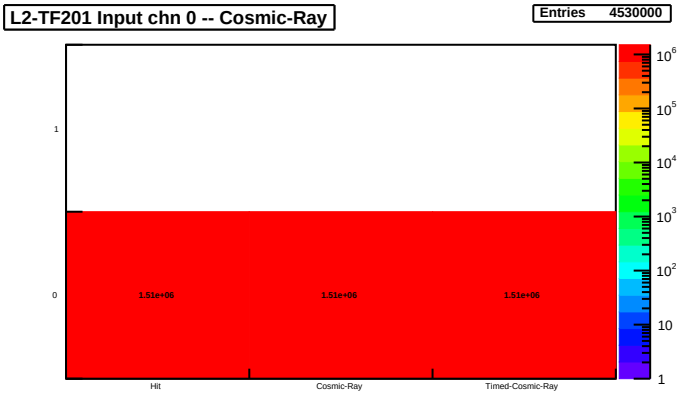

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

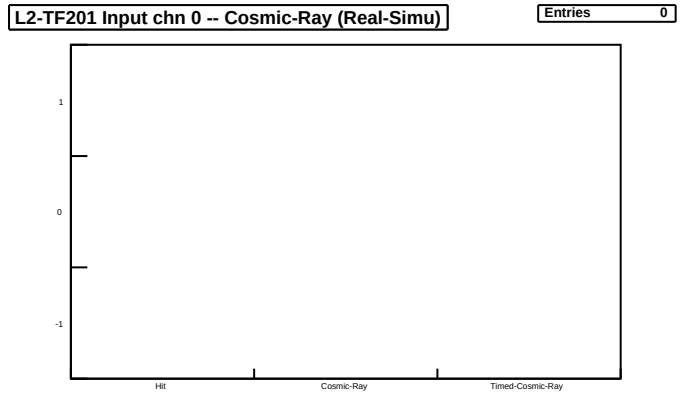

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.208e+07
Fired
160678
160528
478799
500744
336393
340684
335681
370019
1.34932e+06
1.34947e+06
1.0312e+06
1.00926e+06
1.17361e+06
1.16932e+06
1.17432e+06
1.13998e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

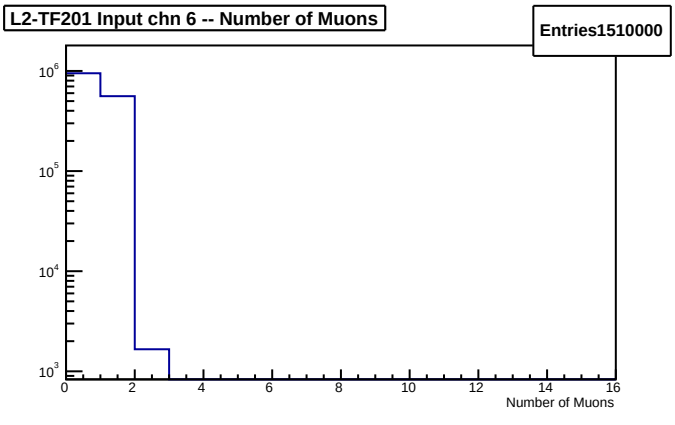

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

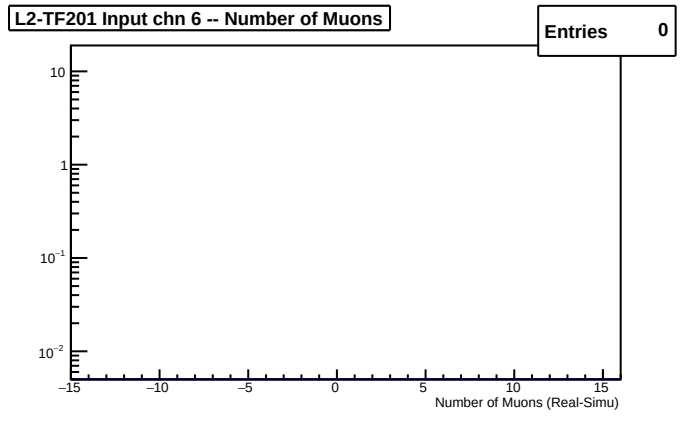

L2-TF201 Input chn 0 -- Number of Muons
Entries1510000
Number of Muons

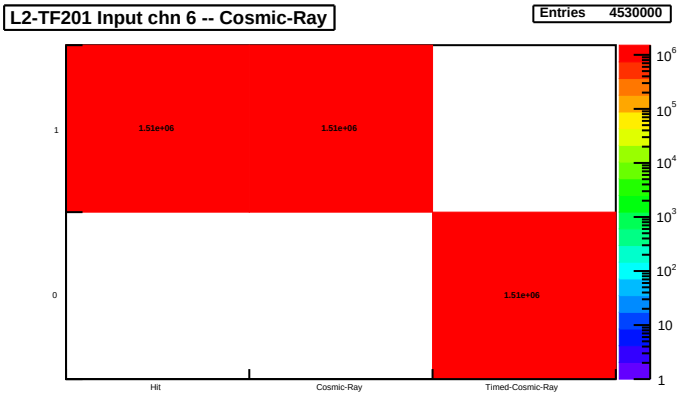

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

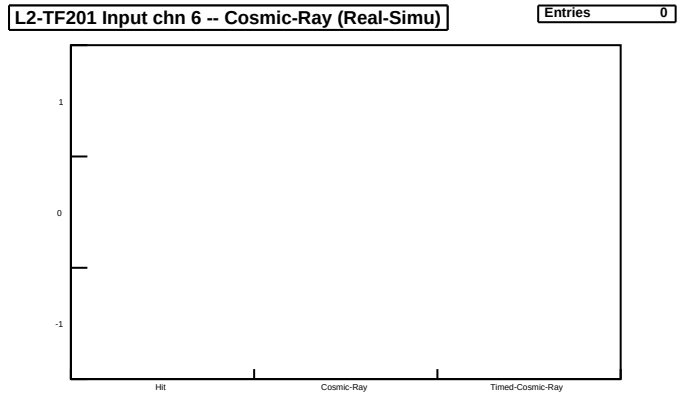

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4530000
1.51e+06
1.51e+06
1.51e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

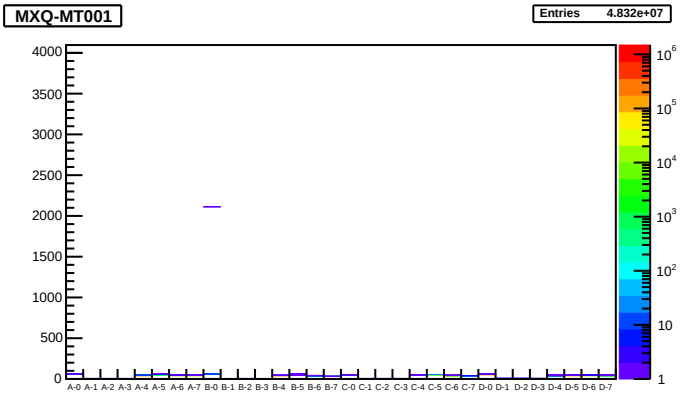

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

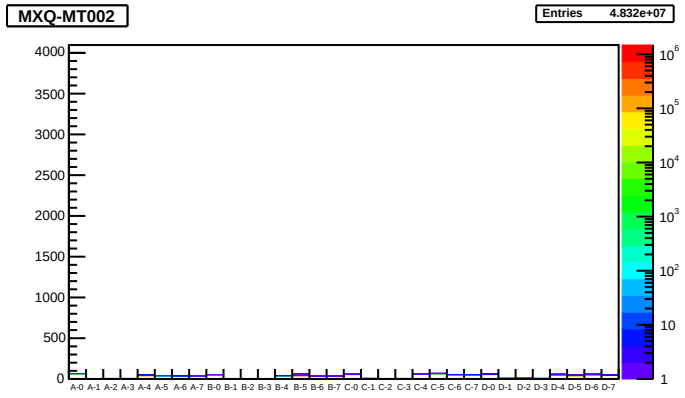

L2-TF201 Input chn 6 -- Number of Muons
Entries1510000
Number of Muons

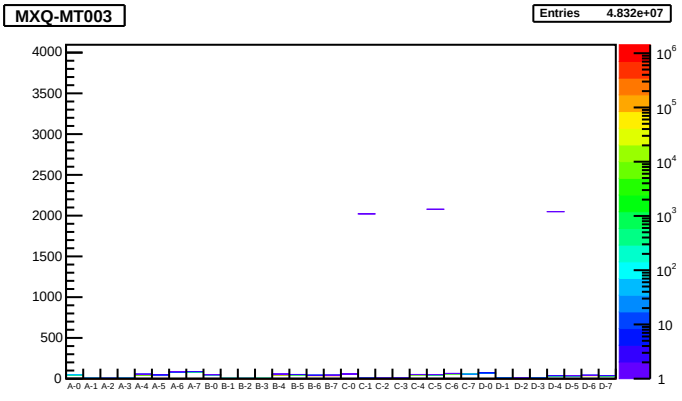

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

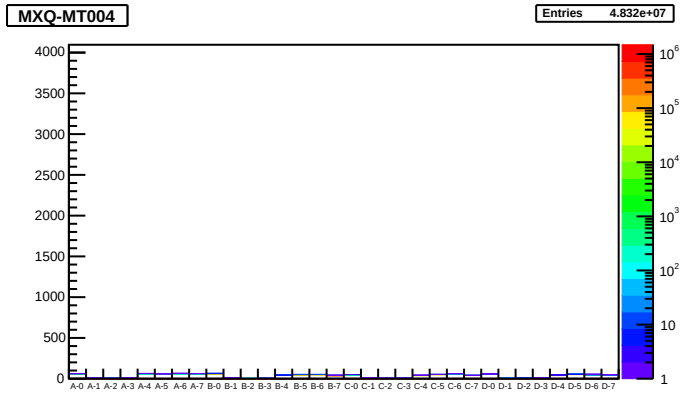

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 4530000
1.51e+06
1.51e+06
1.51e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

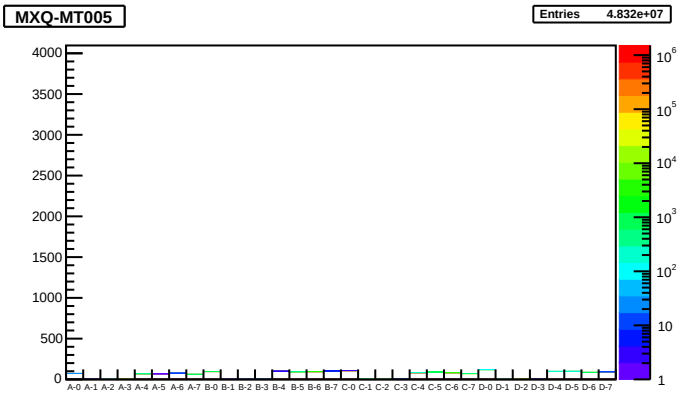

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

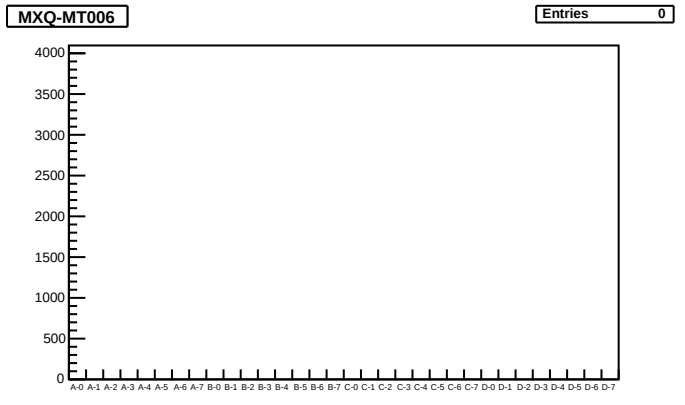

MXQ-MT001
Entries 4.832e+07

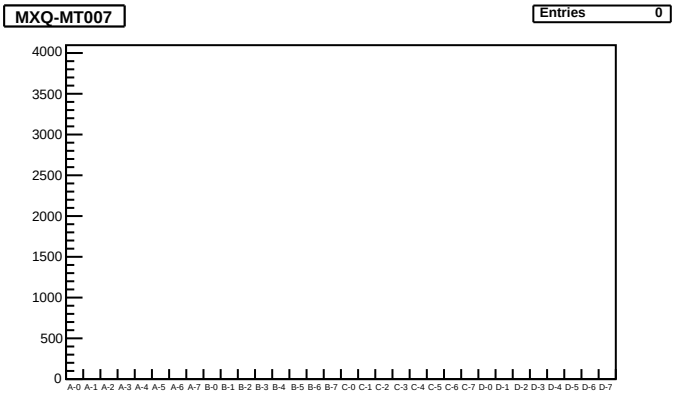

MXQ-MT002
Entries 4.832e+07

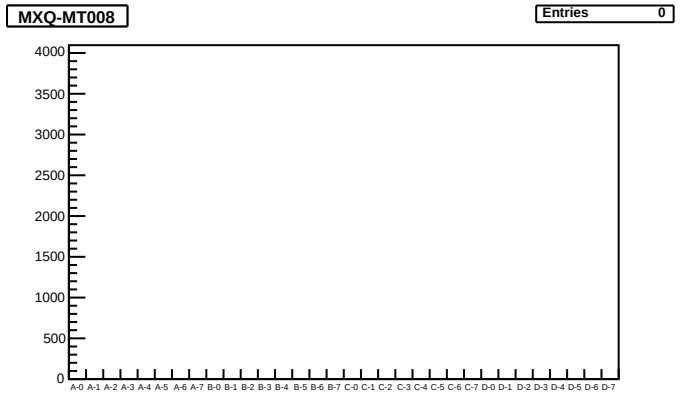

MXQ-MT003
Entries 4.832e+07

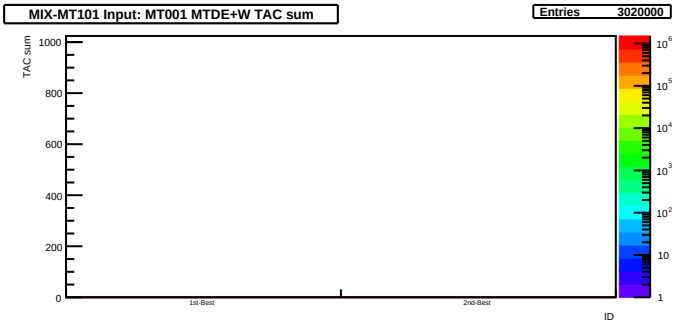

MXQ-MT004
Entries 4.832e+07

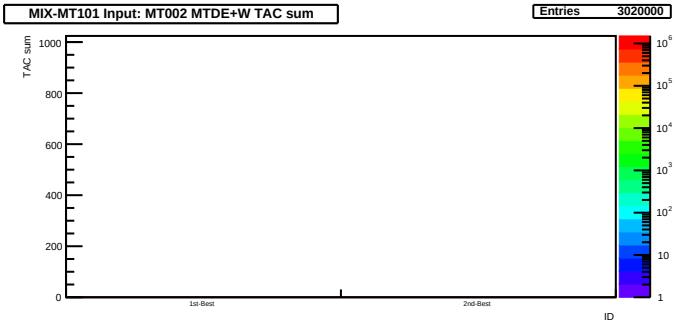

MXQ-MT005
Entries 4.832e+07

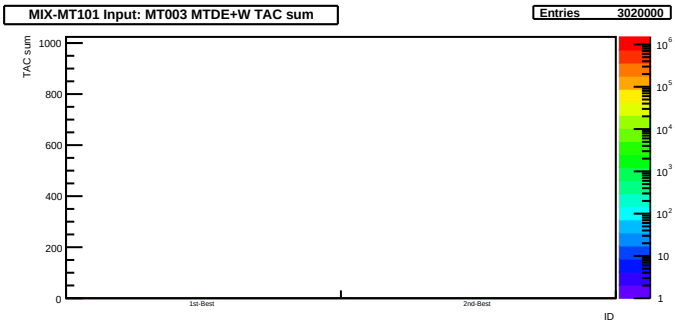

MXQ-MT006
Entries 0

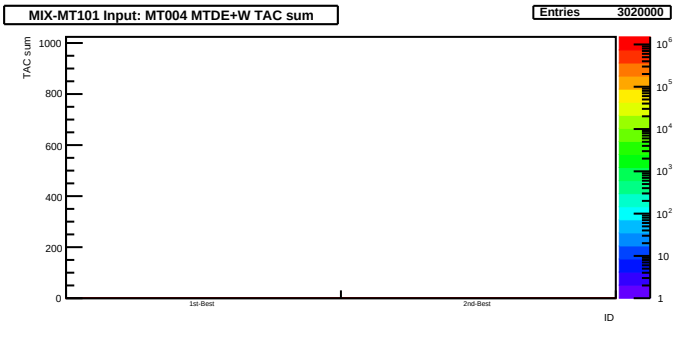

MXQ-MT007
Entries 0

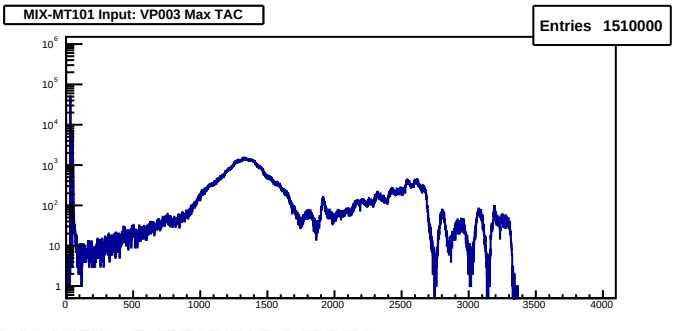

MXQ-MT008
Entries 0

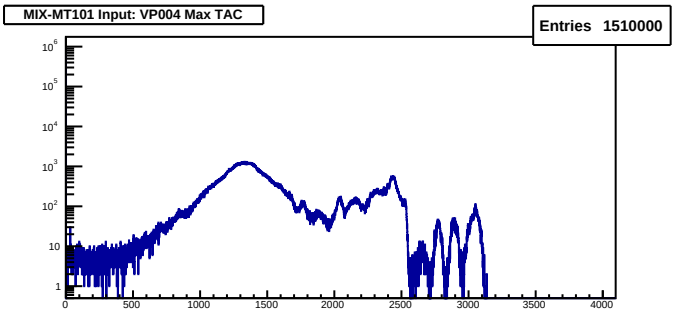

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3020000
TAC sum
1st-Best
2nd-Best
ID

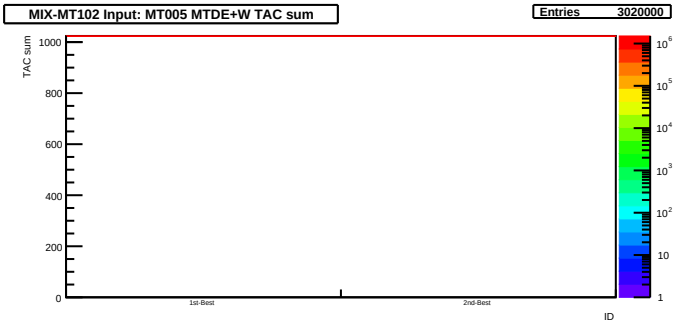

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3020000
TAC sum
1st-Best
2nd-Best
ID

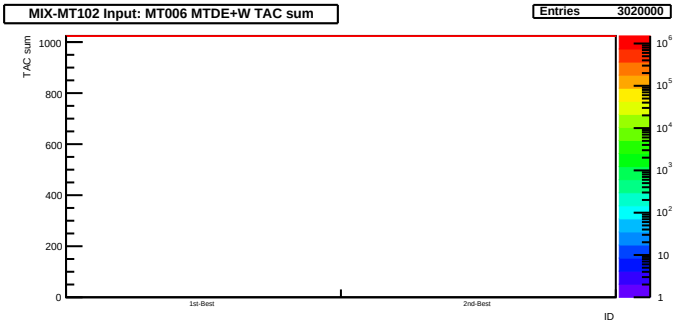

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 3020000
TAC sum
1st-Best
2nd-Best
ID

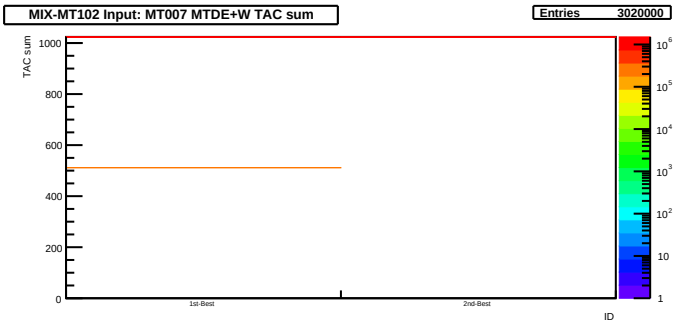

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 3020000
TAC sum
1st-Best
2nd-Best
ID

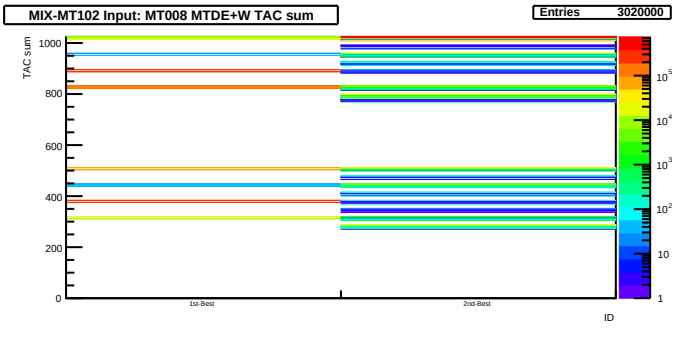

MIX-MT101 Input: VP003 Max TAC
Entries 1510000

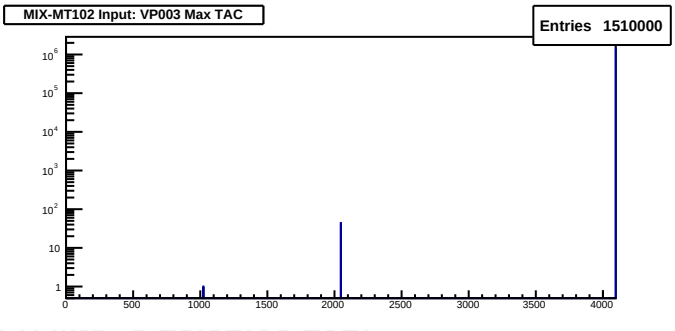

MIX-MT101 Input: VP004 Max TAC
Entries 1510000

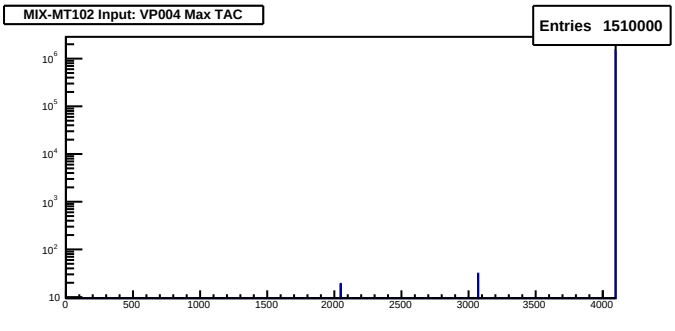

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 3020000
TAC sum
1st-Best
2nd-Best
ID

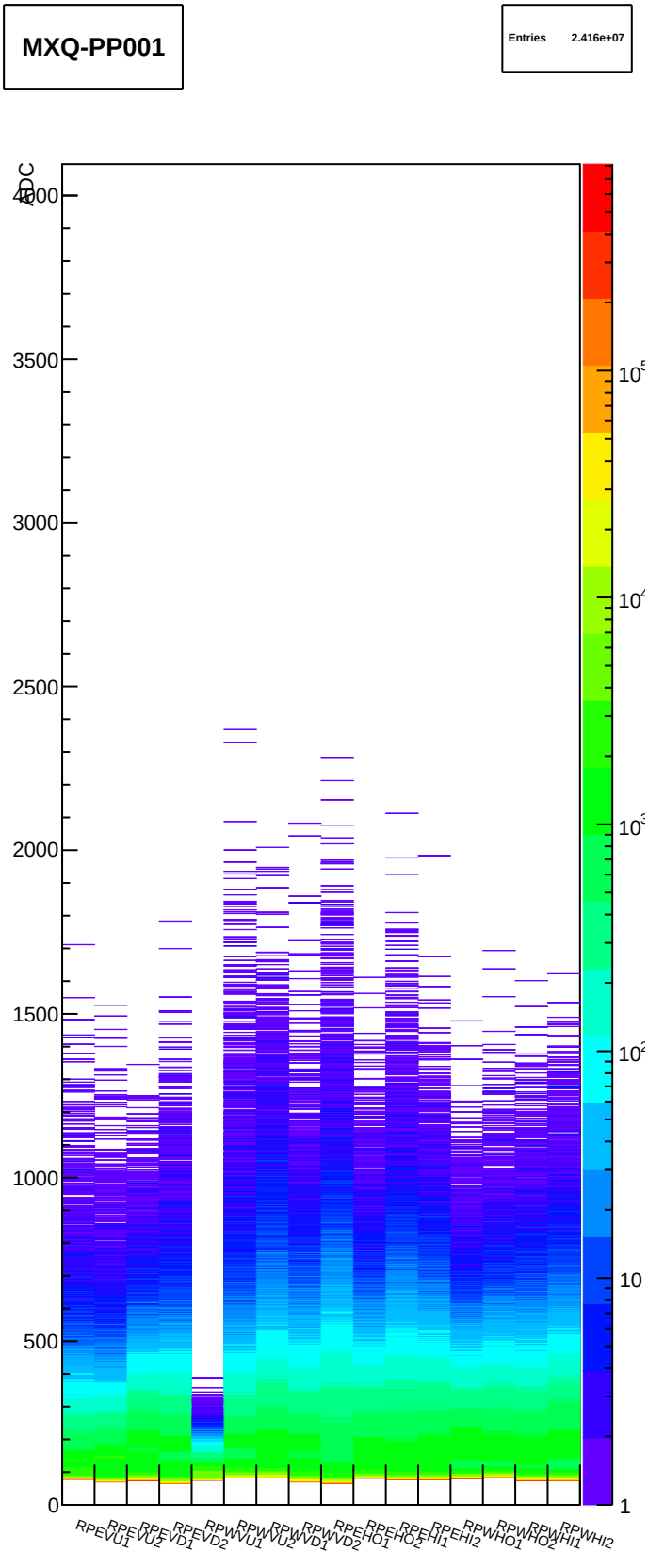

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 3020000
TAC sum
1st-Best
2nd-Best
ID

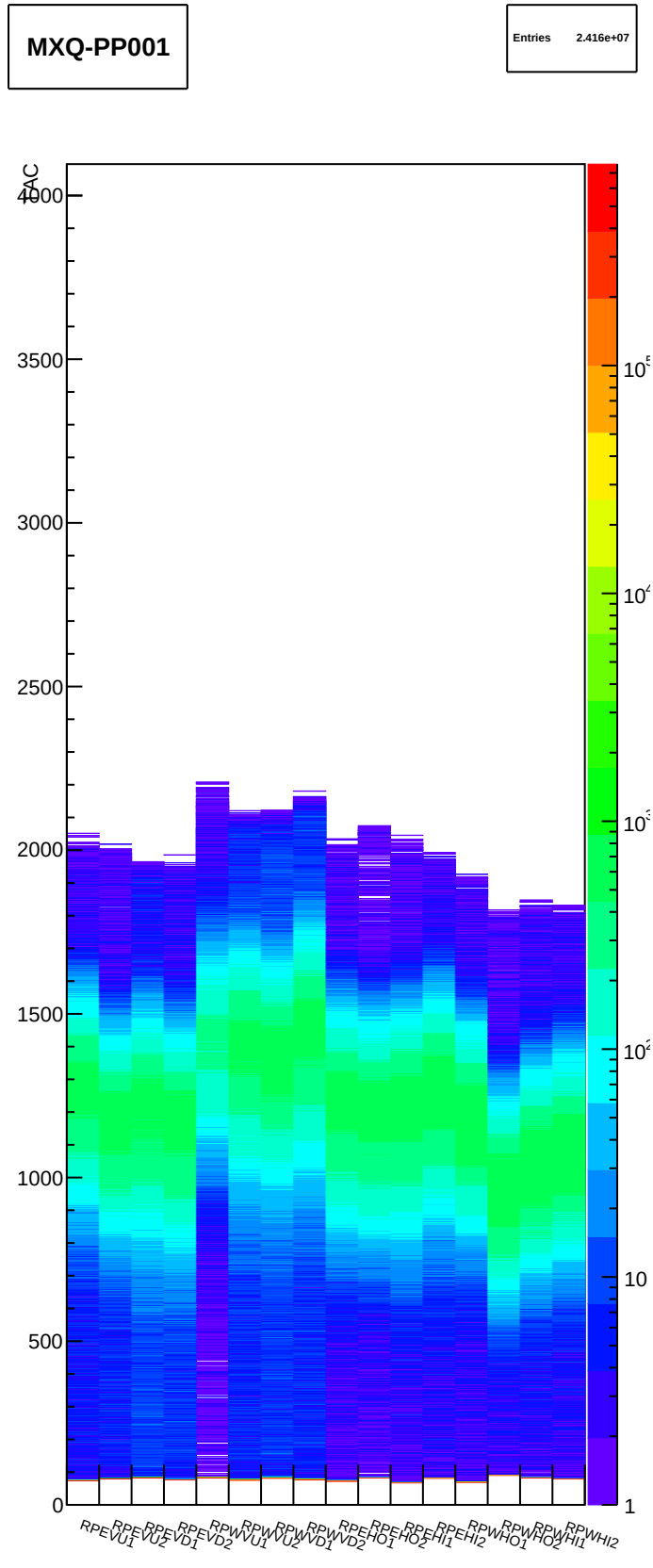

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 3020000
TAC sum
1st-Best
2nd-Best
ID

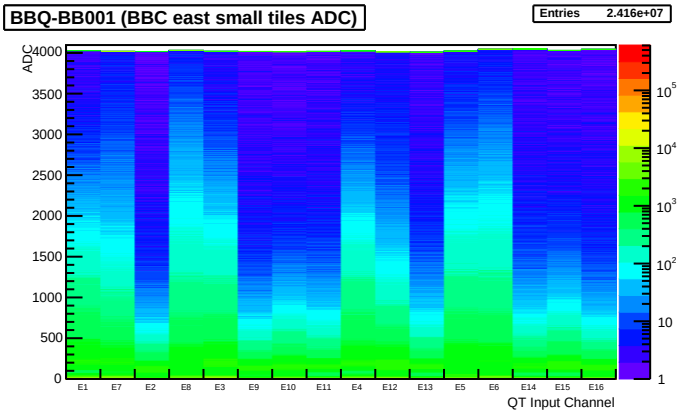

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 3020000
TAC sum
1st-Best
2nd-Best
ID

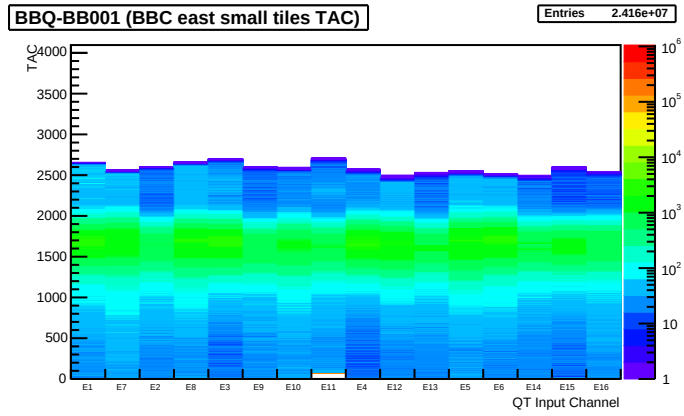

MIX-MT102 Input: VP003 Max TAC
Entries 1510000

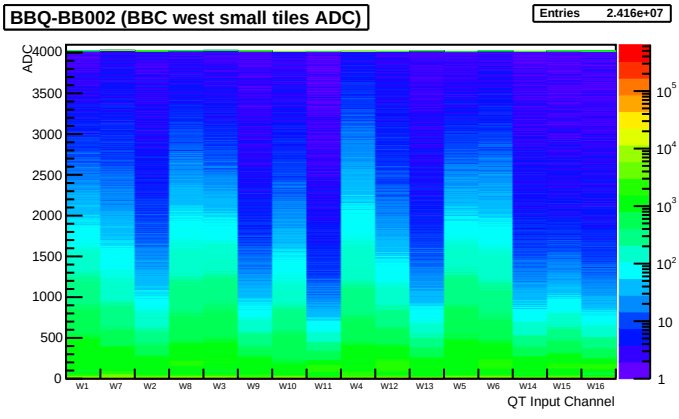

MIX-MT102 Input: VP004 Max TAC
Entries 1510000

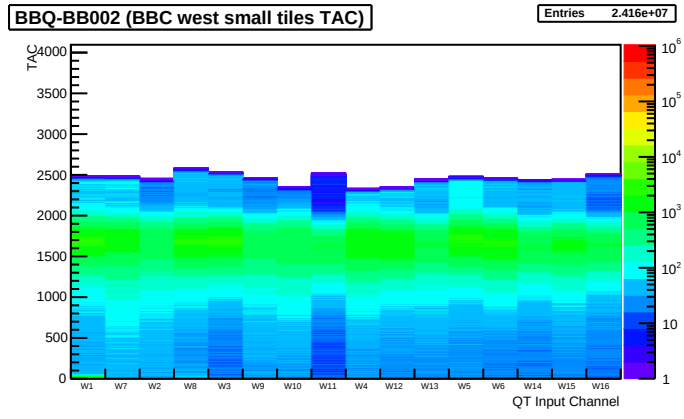

MXQ-PP001
Entries 2.416e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^5
10^4
10^3
10^2
10
1

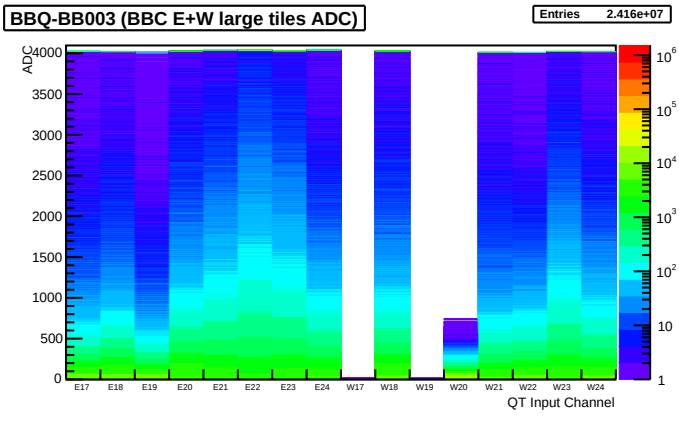

MXQ-PP001
Entries 2.416e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^5
10^4
10^3
10^2
10
1

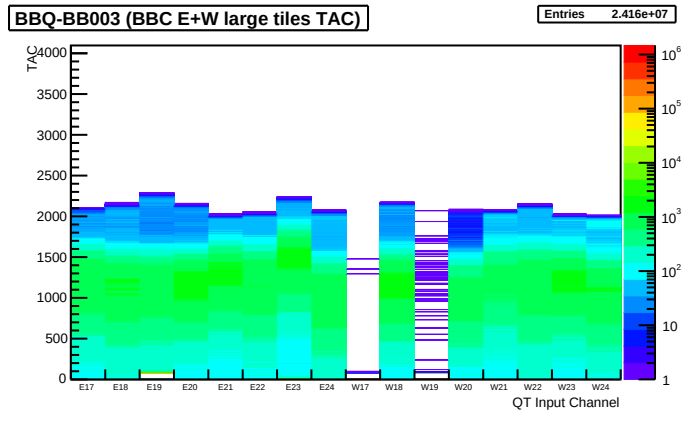

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.416e+07
ADC
QT Input Channel

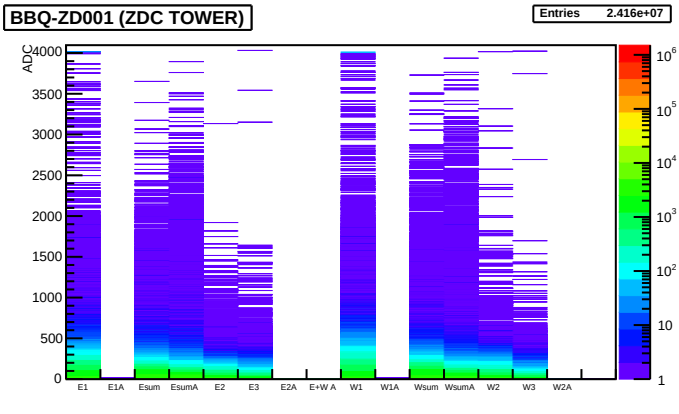

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.416e+07
TAC
QT Input Channel

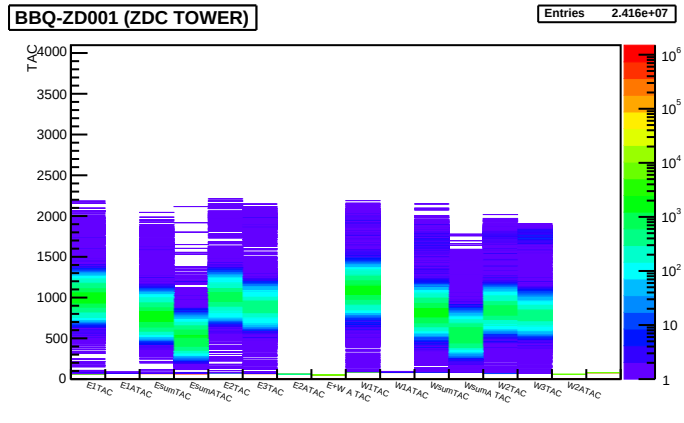

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.416e+07
ADC
QT Input Channel

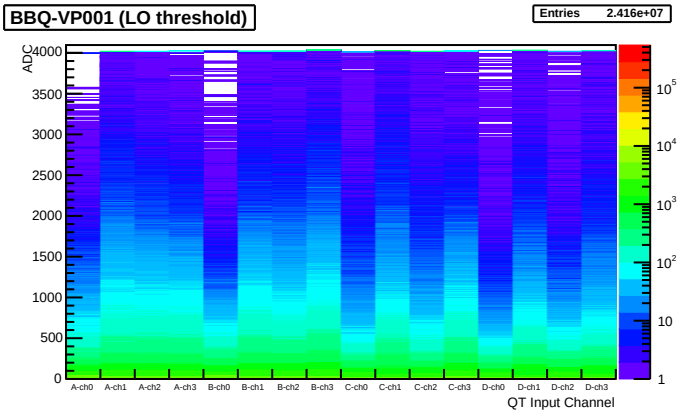

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.416e+07
TAC
QT Input Channel

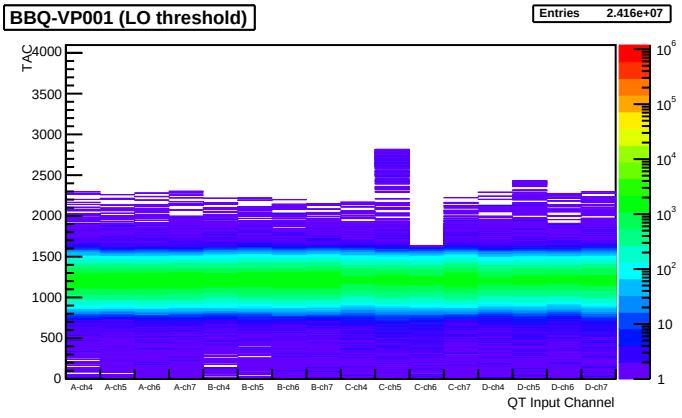

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.416e+07
ADC
QT Input Channel

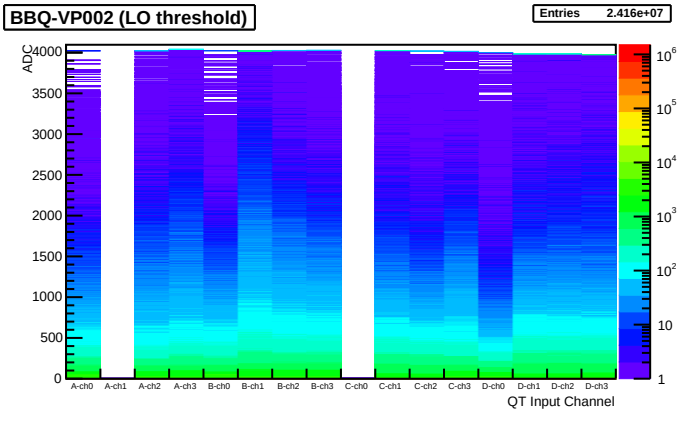

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.416e+07
TAC
QT Input Channel

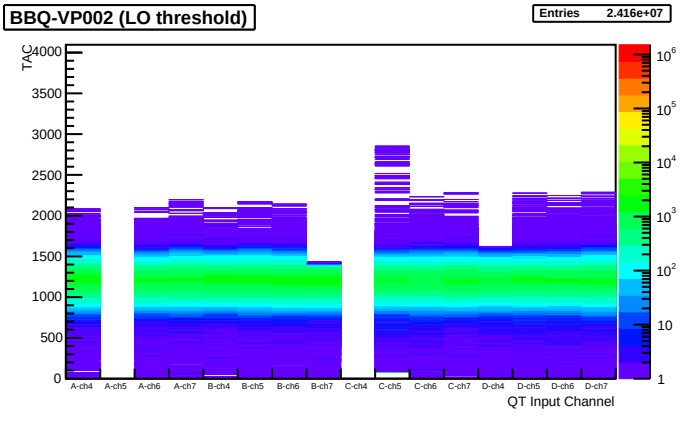

BBQ-ZD001 (ZDC TOWER)
Entries 2.416e+07
ADC

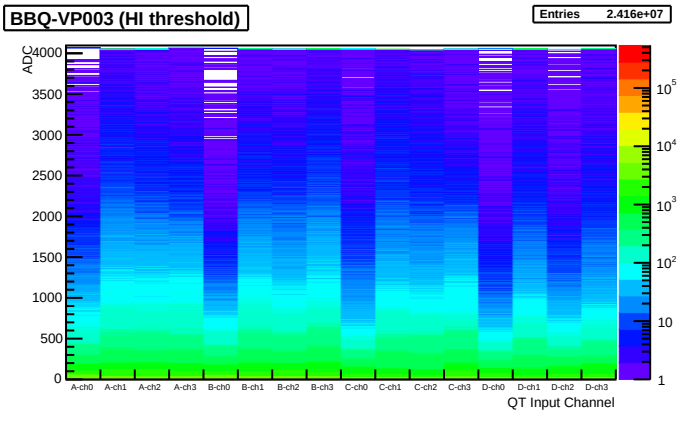

BBQ-ZD001 (ZDC TOWER)
Entries 2.416e+07
TAC

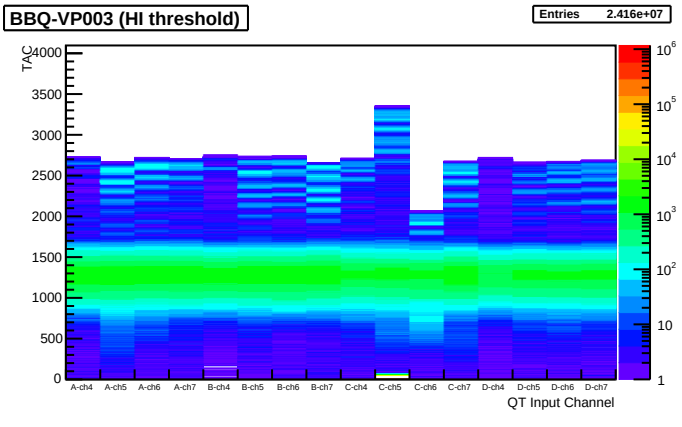

BBQ-VP001 (LO threshold)
Entries 2.416e+07
ADC
QT Input Channel

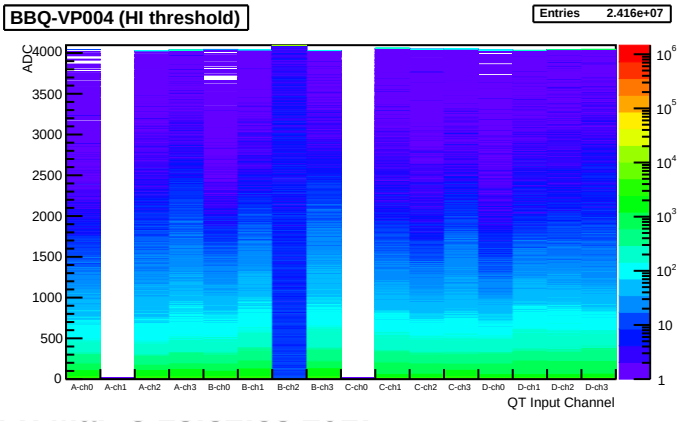

BBQ-VP001 (LO threshold)
Entries 2.416e+07
TAC
QT Input Channel

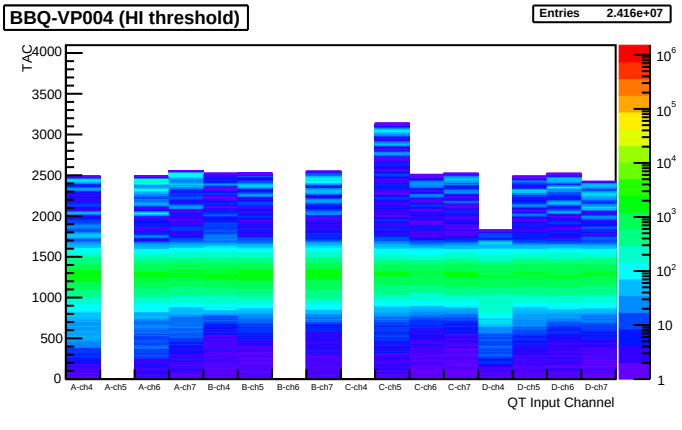

BBQ-VP002 (LO threshold)
Entries 2.416e+07
ADC
QT Input Channel

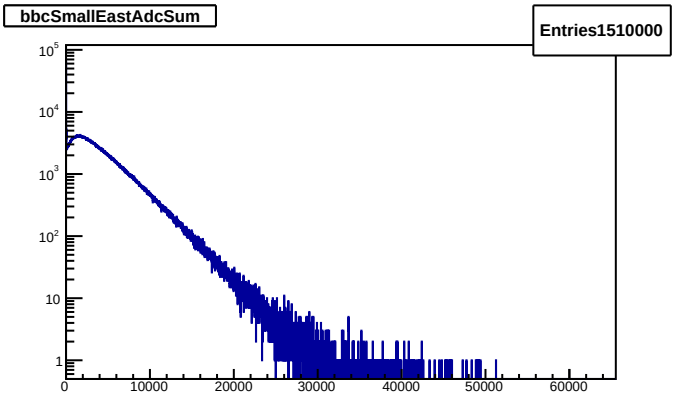

BBQ-VP002 (LO threshold)
Entries 2.416e+07
TAC
QT Input Channel

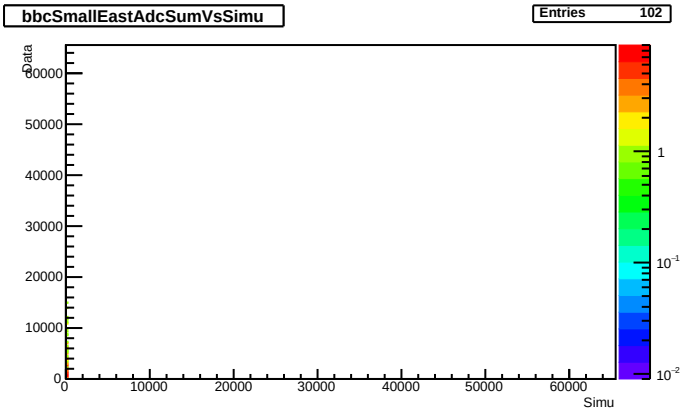

BBQ-VP003 (HI threshold)
Entries 2.416e+07
ADC
QT Input Channel

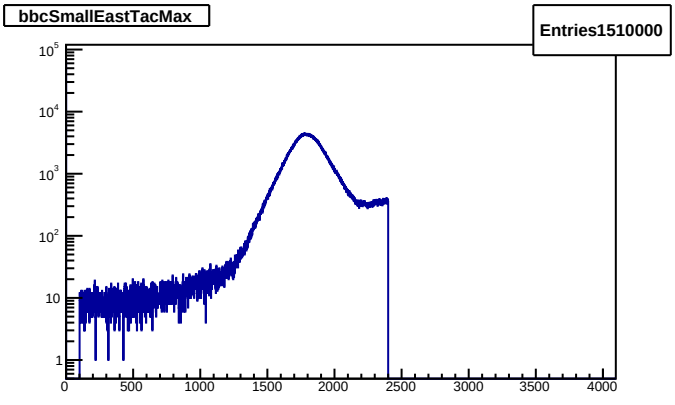

BBQ-VP003 (HI threshold)
Entries 2.416e+07
TAC
QT Input Channel

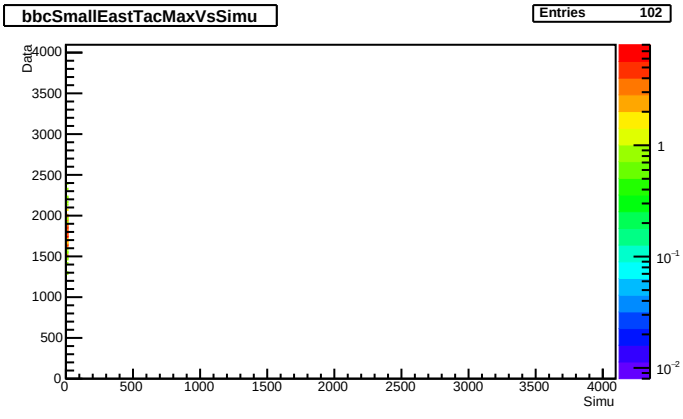

BBQ-VP004 (HI threshold)
Entries 2.416e+07
ADC
QT Input Channel

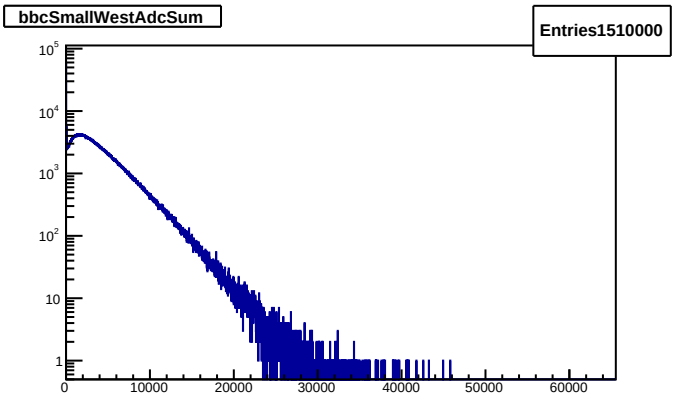

BBQ-VP004 (HI threshold)
Entries 2.416e+07
TAC
QT Input Channel

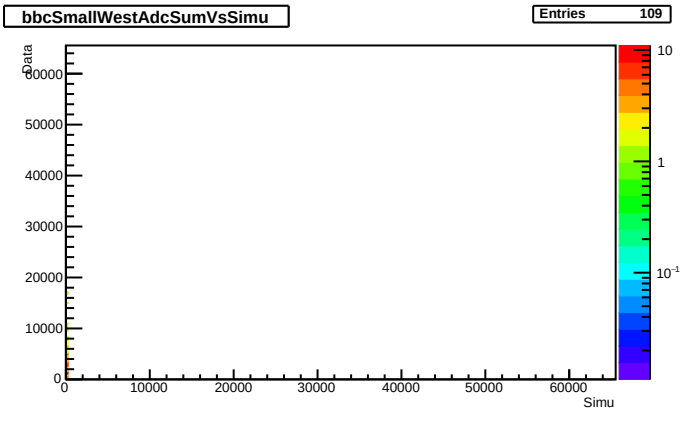

bbcSmallEastAdcSum
Entries1510000

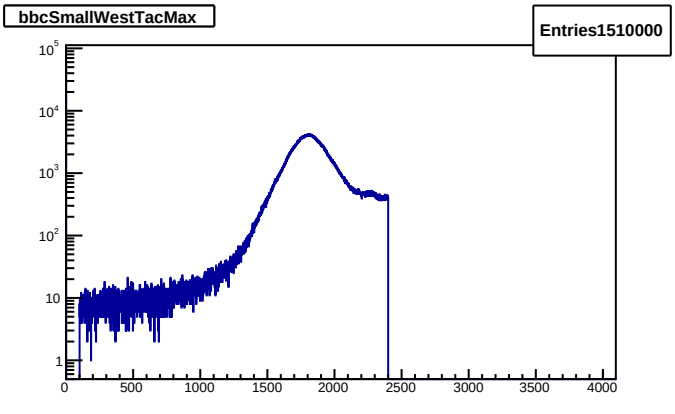

bbcSmallEastAdcSumVsSimu
Entries 102
Data
Simu

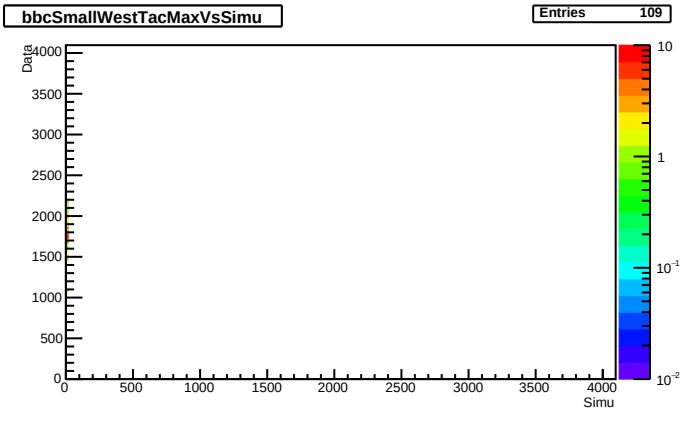

bbcSmallEastTacMax
Entries1510000

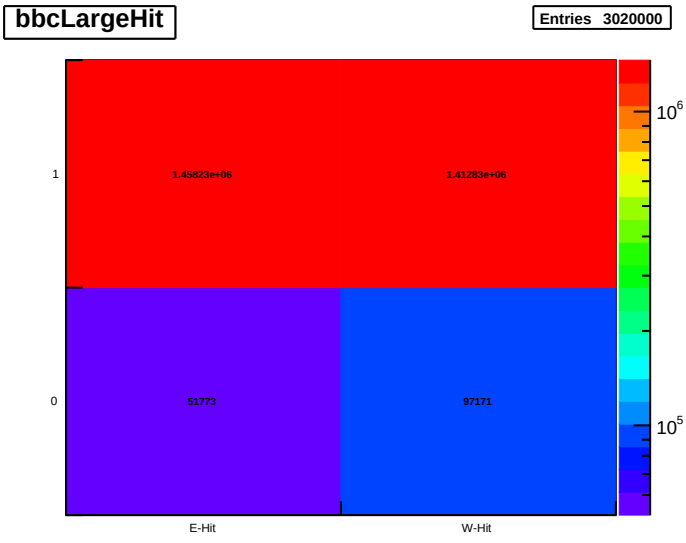

bbcSmallEastTacMaxVsSimu
Entries 102
Data
Simu

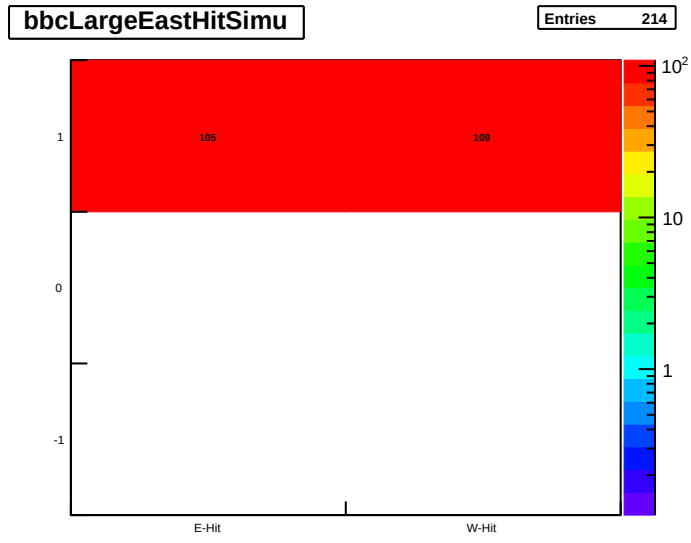

bbcSmallWestAdcSum
Entries1510000

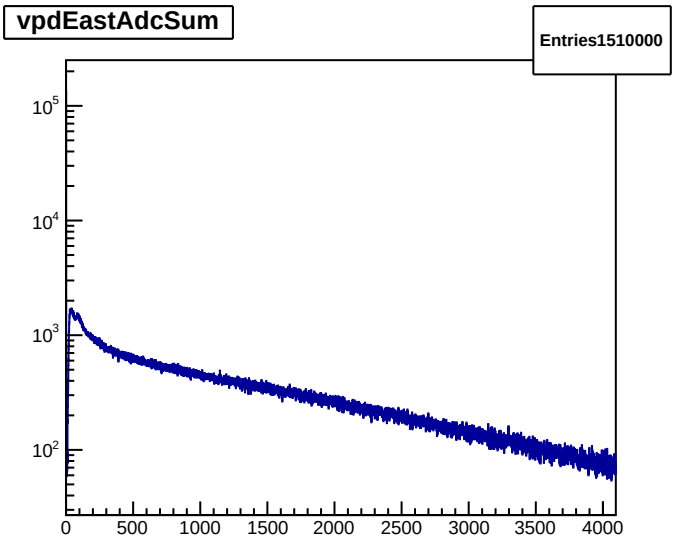

bbcSmallWestAdcSumVsSimu
Entries 109
Data
Simu

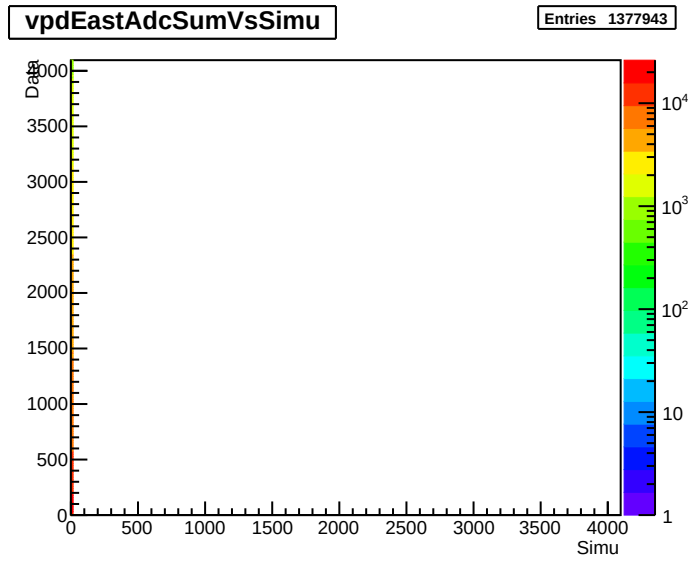

bbcSmallWestTacMax
Entries1510000

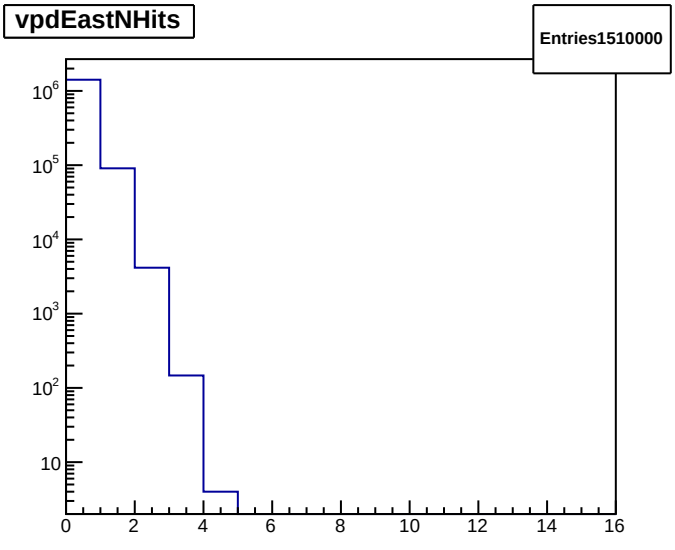

bbcSmallWestTacMaxVsSimu
Entries 109
Data
Simu

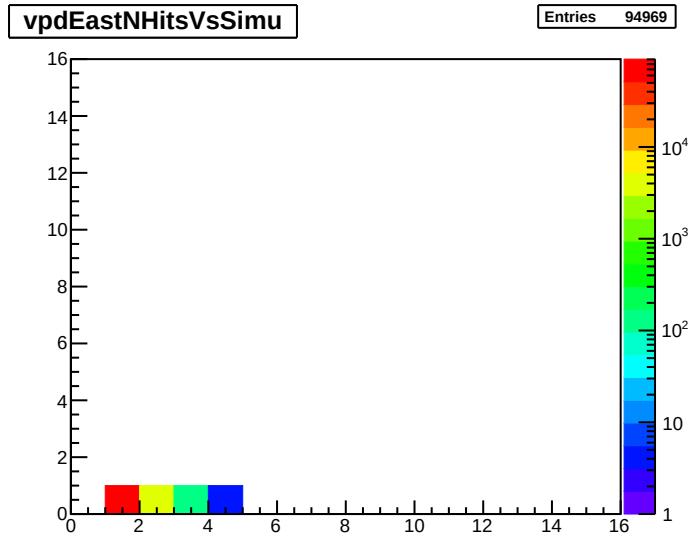

bbcLargeHit
Entries 3020000
1.45823e+06
1.41283e+06
51773
97171
1
0
E-Hit
W-Hit
$10^6$
$10^5$

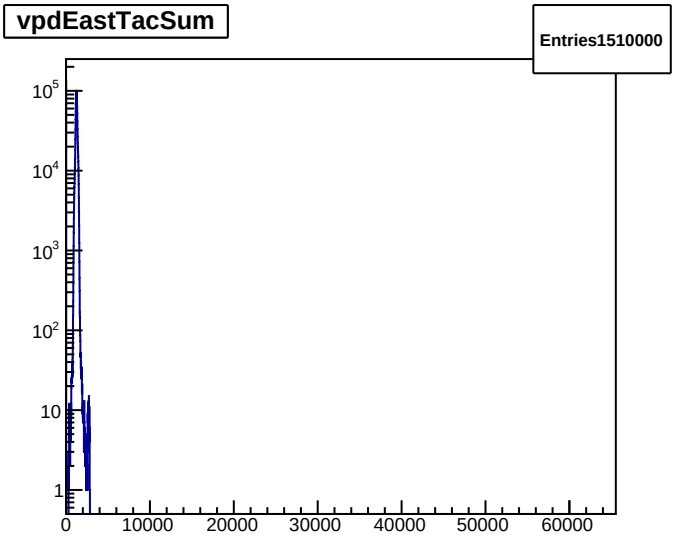

bbcLargeEastHitSimu
Entries 214
105
109
1
0
-1
E-Hit
W-Hit
$10^2$
10
1

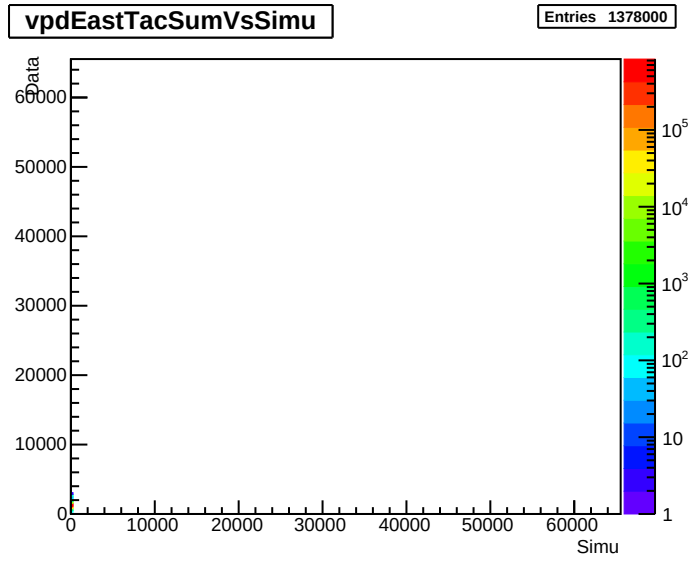

vpdEastAdcSum
Entries1510000

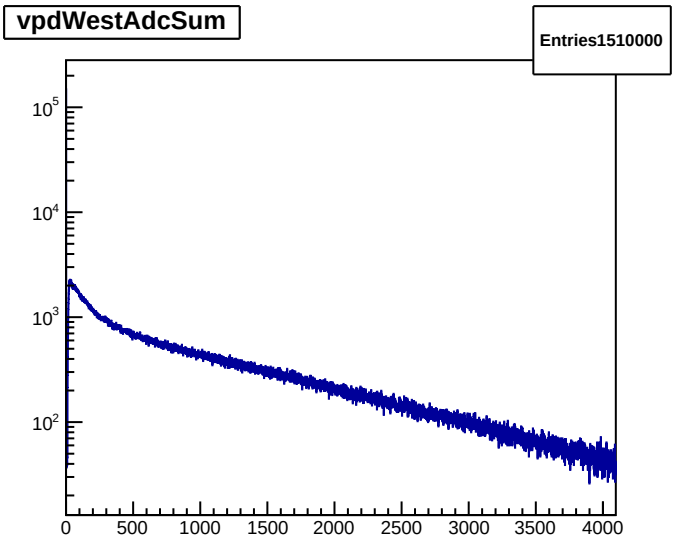

vpdEastAdcSumVsSimu
Entries 1377943
Data
Simu

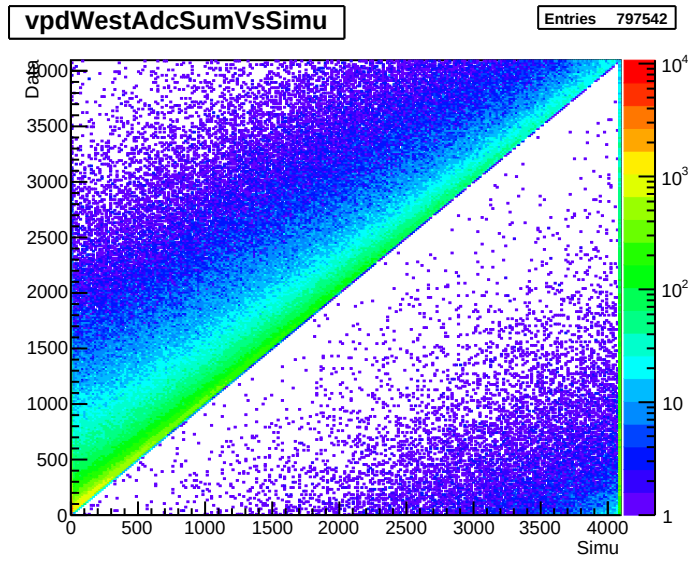

vpdEastNHits
Entries1510000

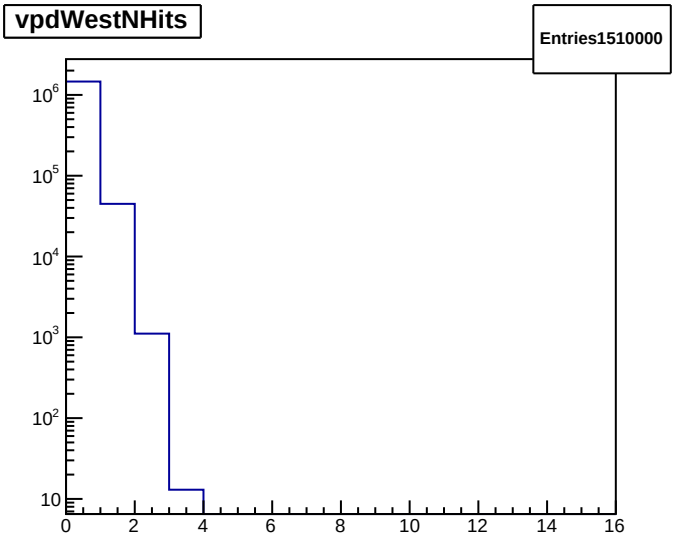

vpdEastNHitsVsSimu
Entries 94969

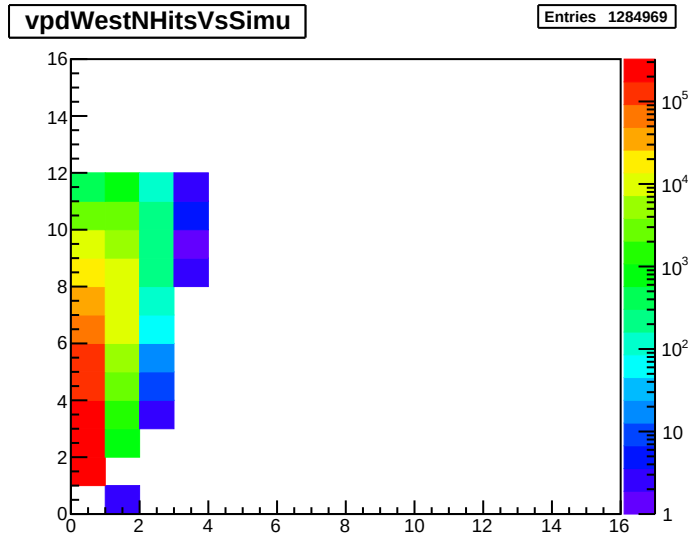

vpdEastTacSum
Entries1510000

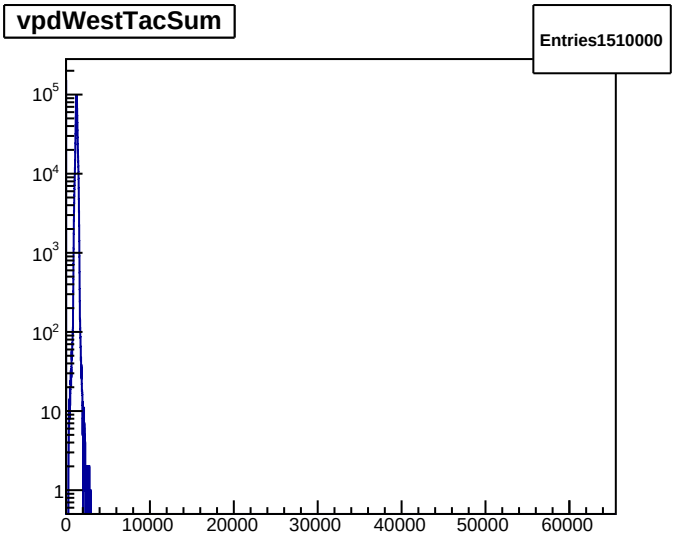

vpdEastTacSumVsSimu
Entries 1378000
Data
Simu

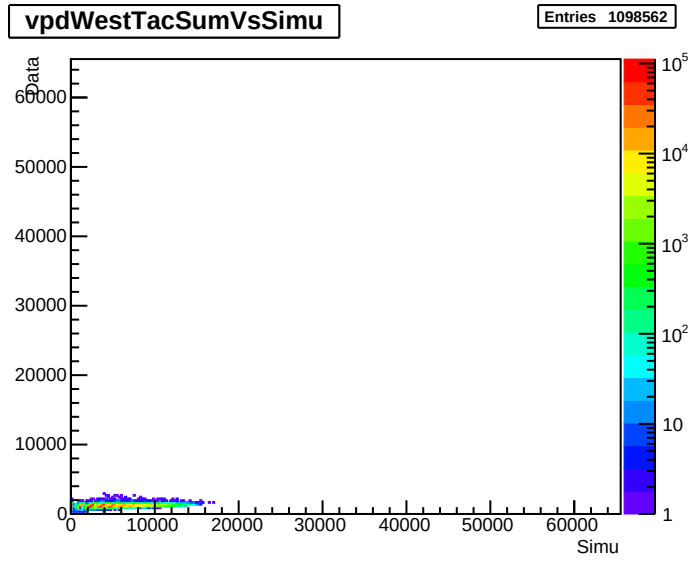

vpdWestAdcSum
Entries1510000

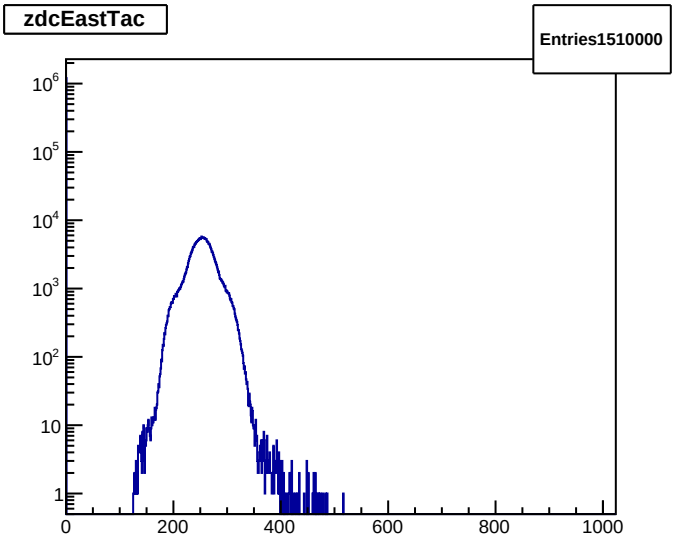

vpdWestAdcSumVsSimu
Entries 797542
Data
Simu

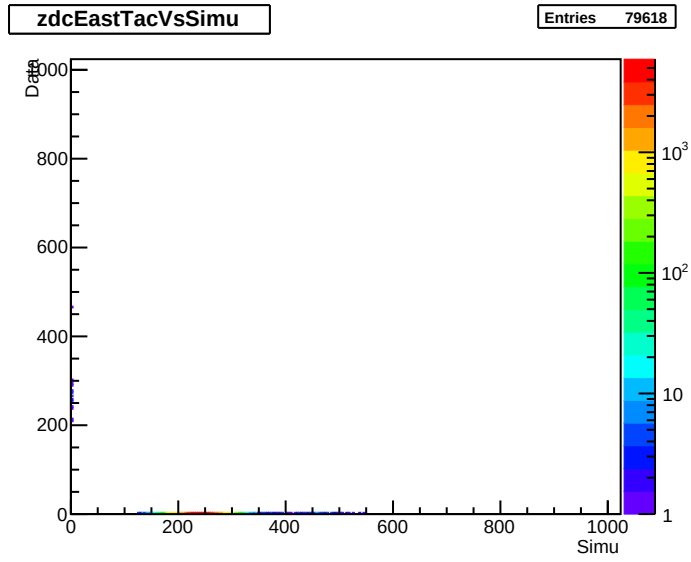

vpdWestNHits
Entries1510000

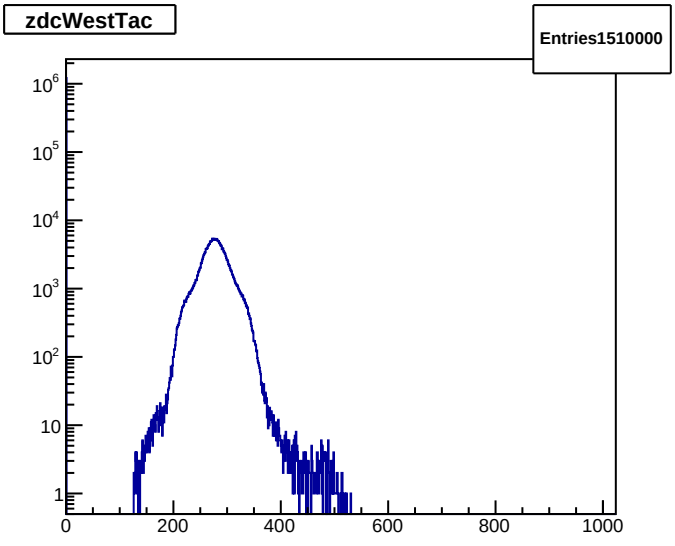

vpdWestNHitsVsSimu
Entries 1284969

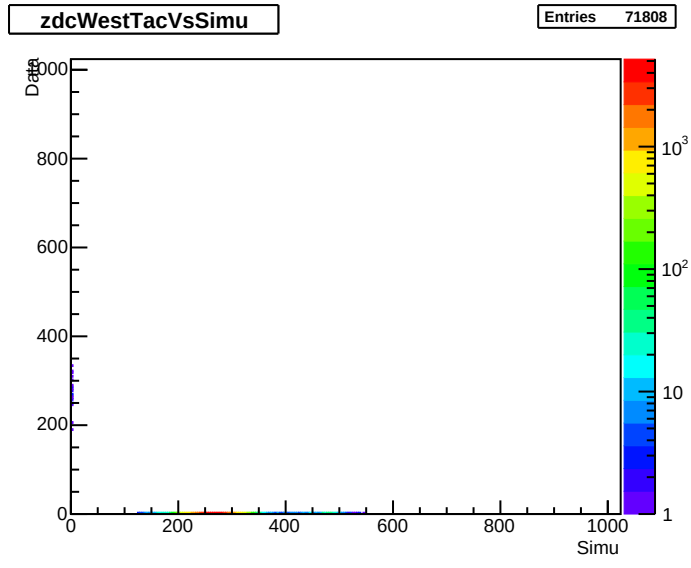

vpdWestTacSum
Entries1510000

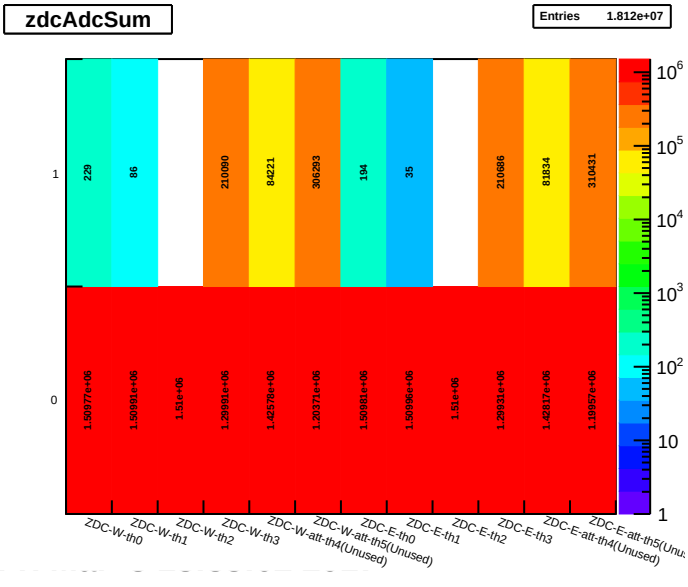

vpdWestTacSumVsSimu
Entries 1098562
Data
Simu

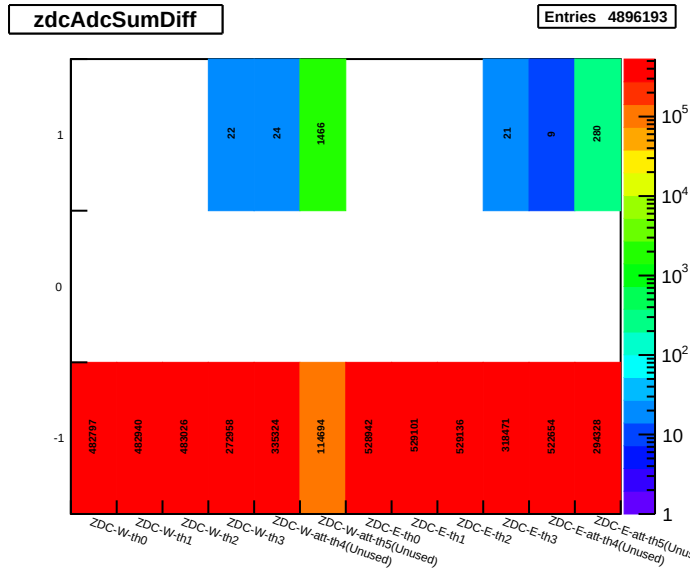

zdcEastTac
Entries1510000

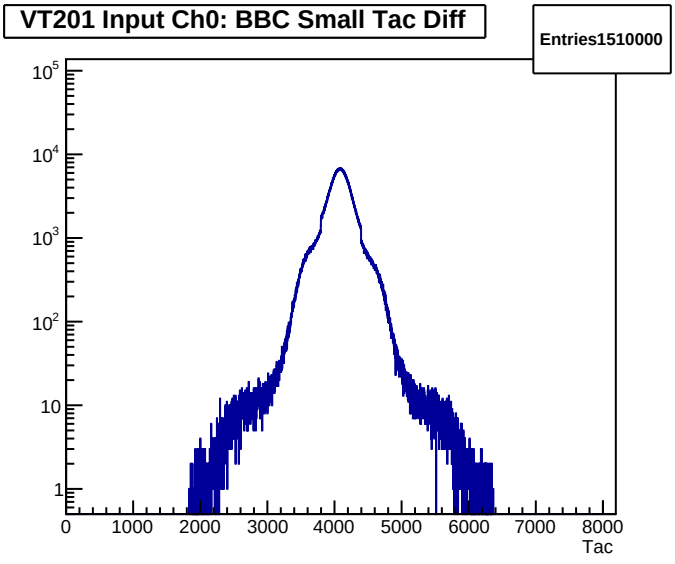

zdcEastTacVsSimu
Entries 79618
Data
Simu

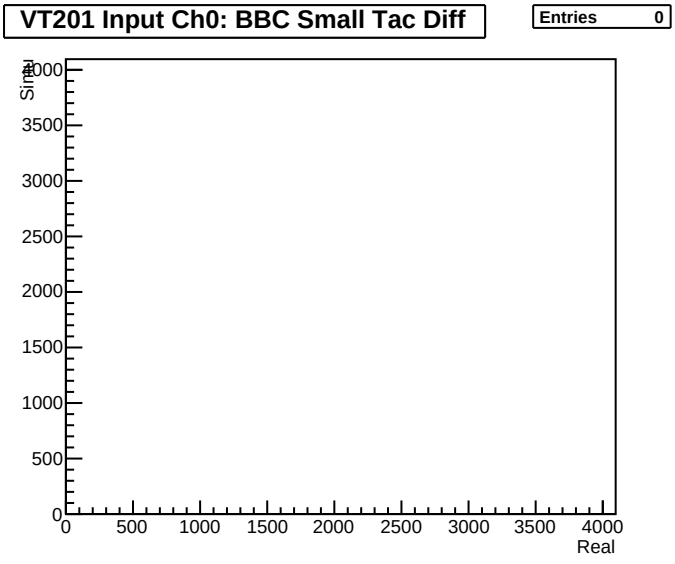

zdcWestTac
Entries1510000

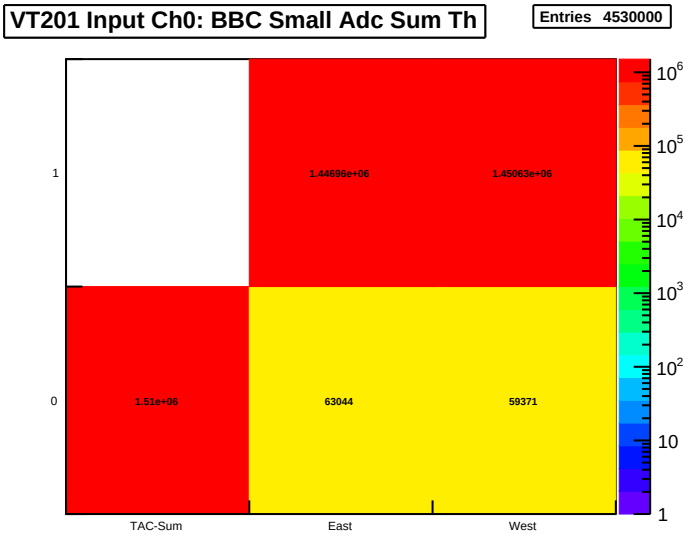

zdcWestTacVsSimu
Entries 71808
Data
Simu

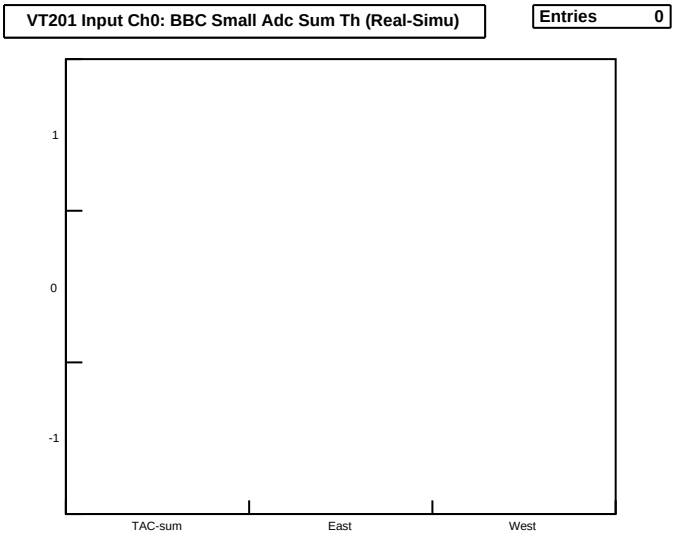

zdcAdcSum
Entries 1.812e+07
229
86
210090
84221
306293
194
35
210686
81834
310431
1.50977e+06
1.50991e+06
1.51e+06
1.29991e+06
1.42578e+06
1.20371e+06
1.50981e+06
1.50996e+06
1.51e+06
1.29931e+06
1.42817e+06
1.19957e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

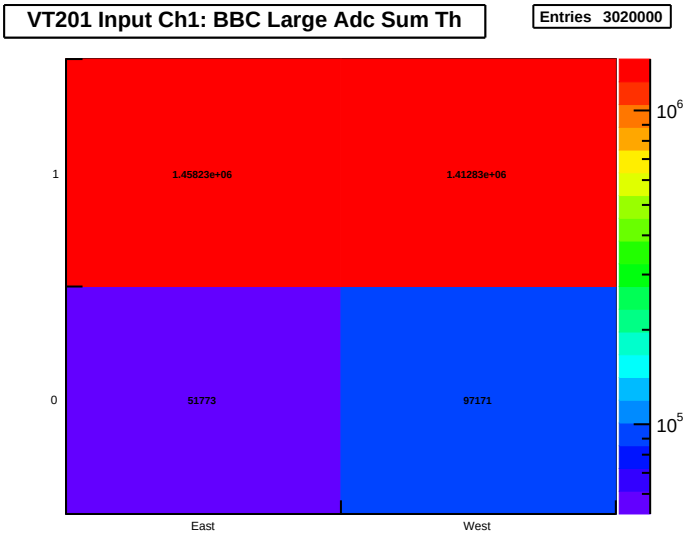

zdcAdcSumDiff
Entries 4896193
22
24
1466
21
9
280
482797
482940
483026
272958
335324
114694
528942
529101
528136
318471
522654
294328
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

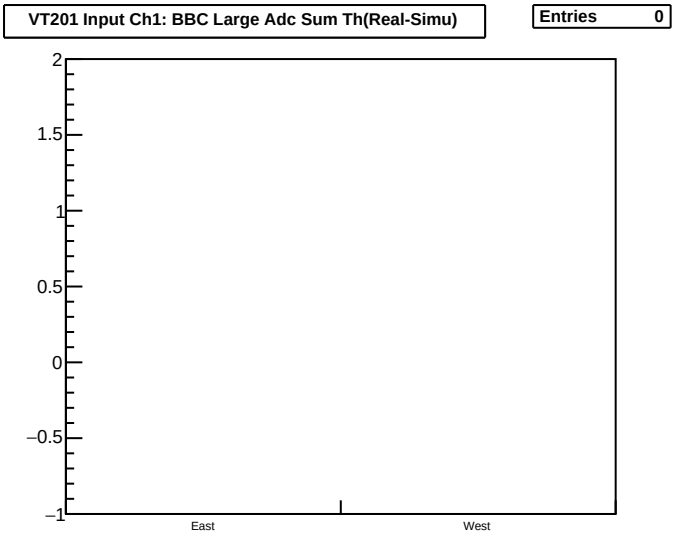

VT201 Input Ch0: BBC Small Tac Diff
Entries1510000
Tac


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

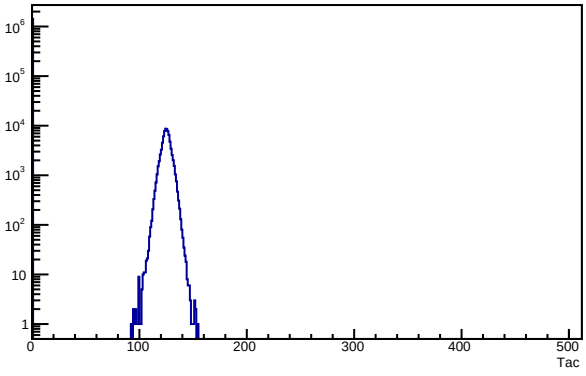

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4530000
1.44696e+06
1.45063e+06
1.51e+06
63044
59371
TAC-Sum
East
West


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

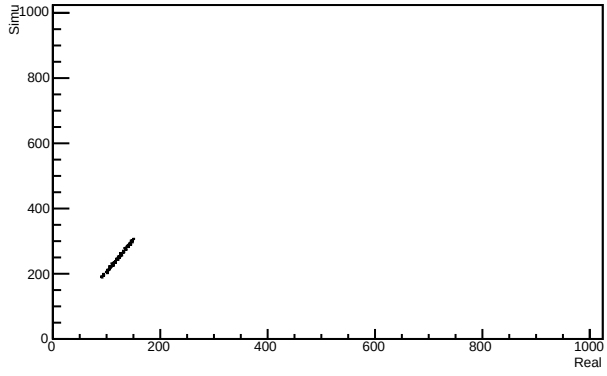

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 3020000
1.45823e+06
1.41283e+06
51773
97171
East
West


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

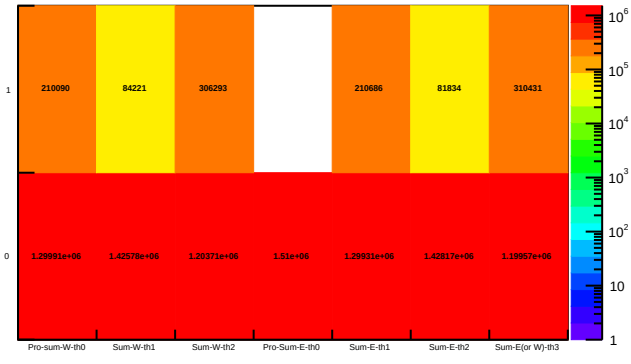
**VT201 Input Ch2: ZDC Tac Diff**



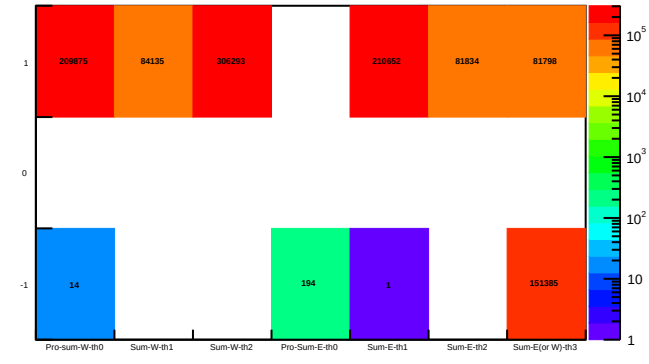

**VT201 Input Ch2: ZDC Tac Diff**



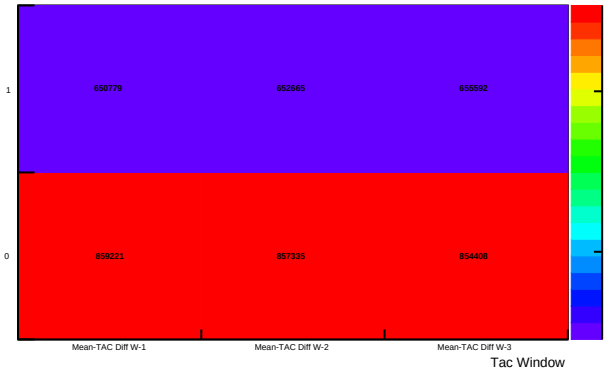

**VT201 Input Ch2: ZDC Adc Sum Th**



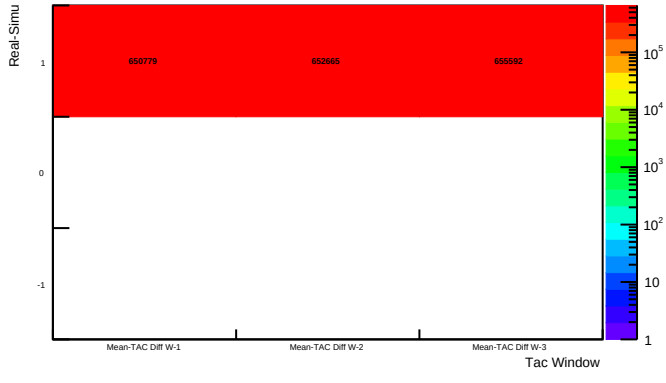

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



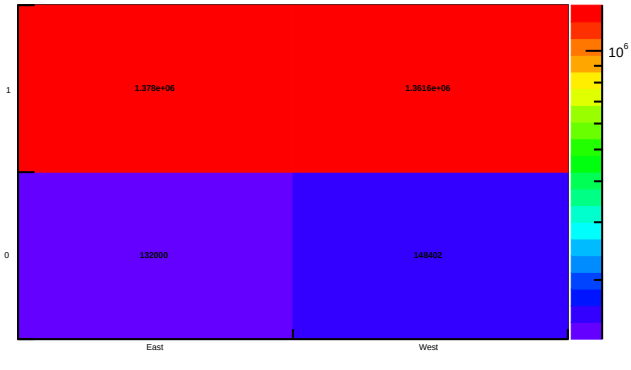

**VT201 Input Ch4: VPD Tac Diff**



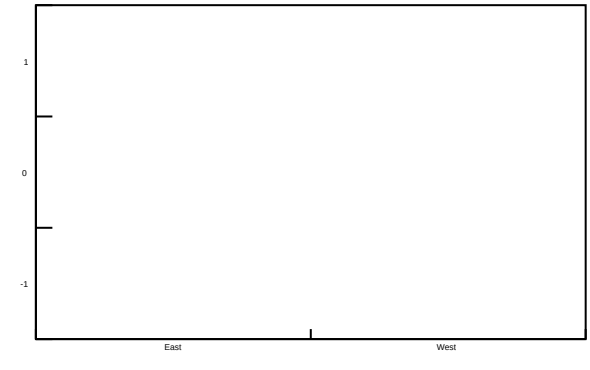

**VT201 Input Ch4: VPD Tac Diff**

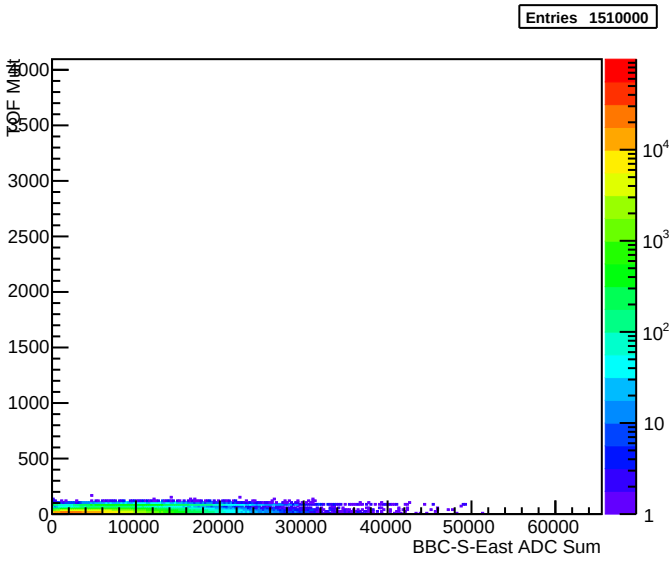


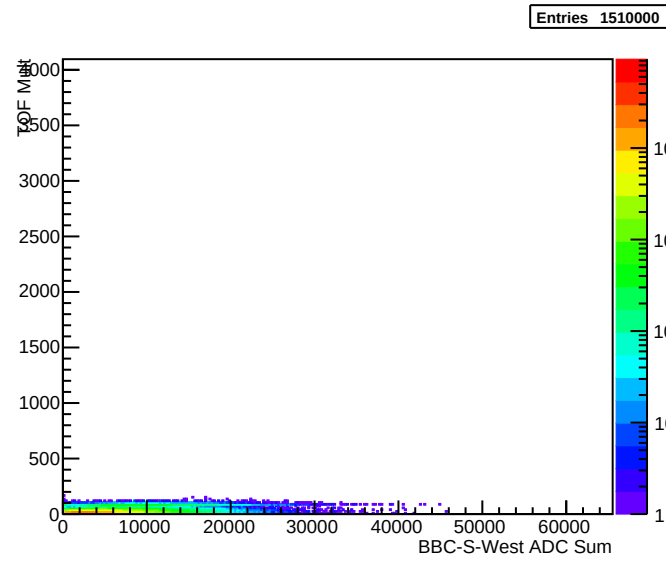

**VT201 Input Ch4: VPD Adc Sum Th**

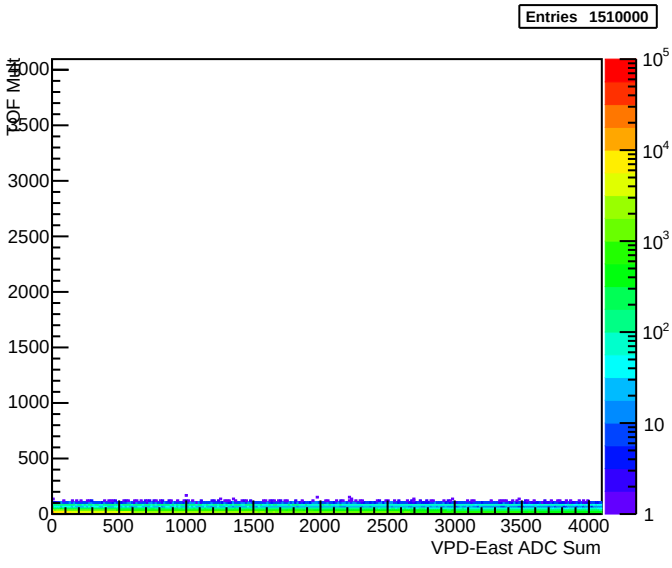


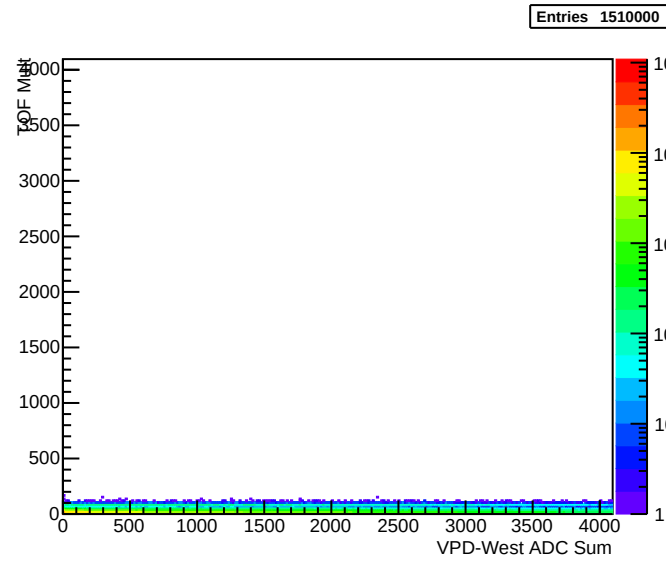

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

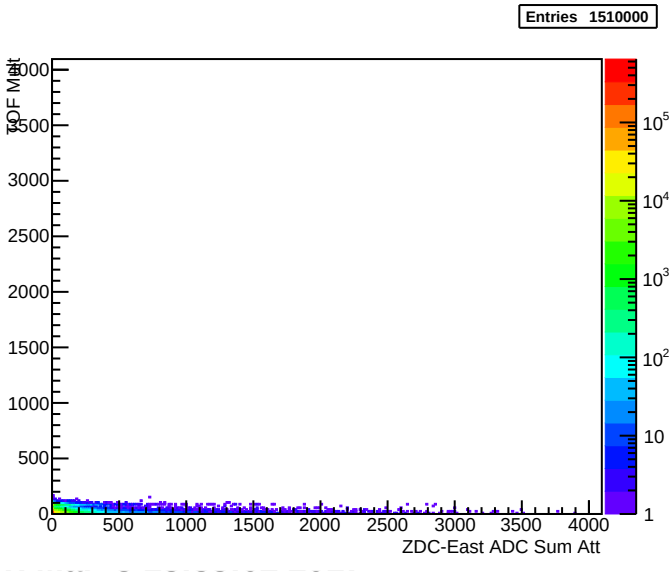


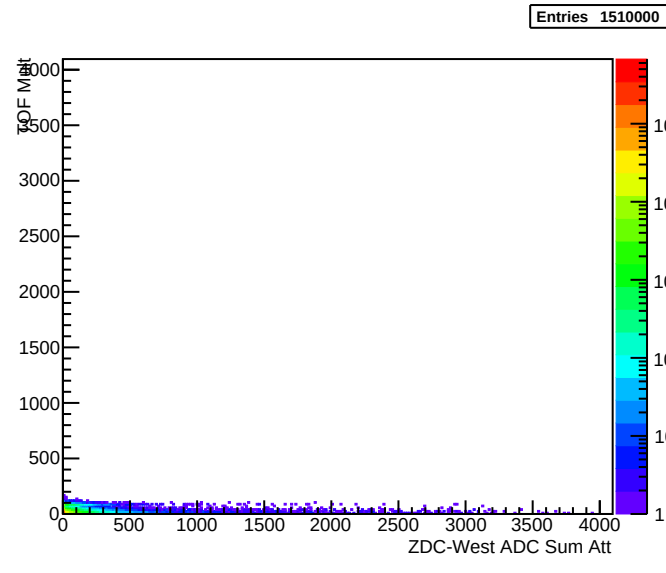

Entries 1510000
TOF Mult
BBC-S-East ADC Sum

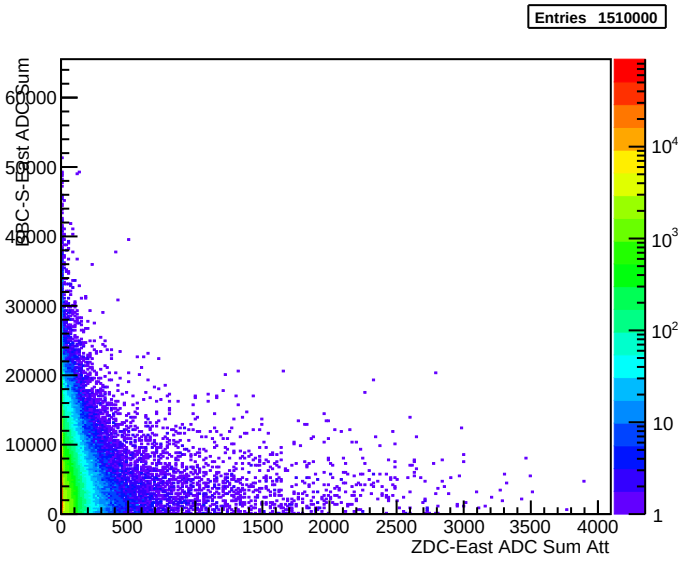

Entries 1510000
TOF Mult
BBC-S-West ADC Sum

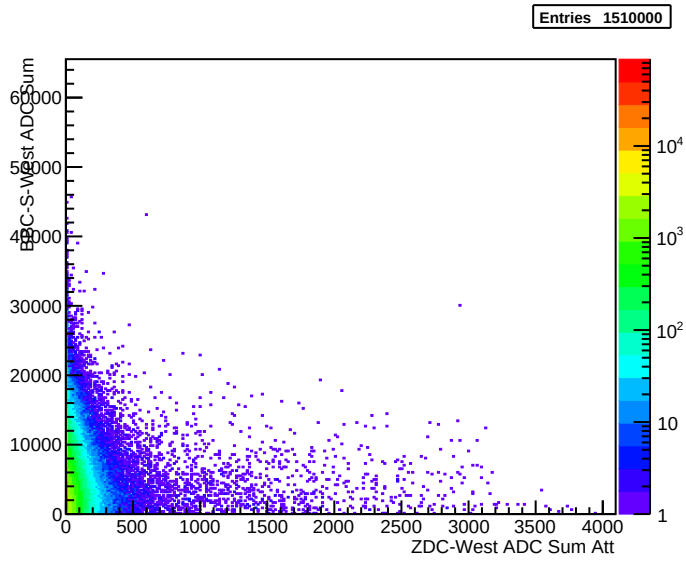

Entries 1510000
TOF Mult
VPD-East ADC Sum

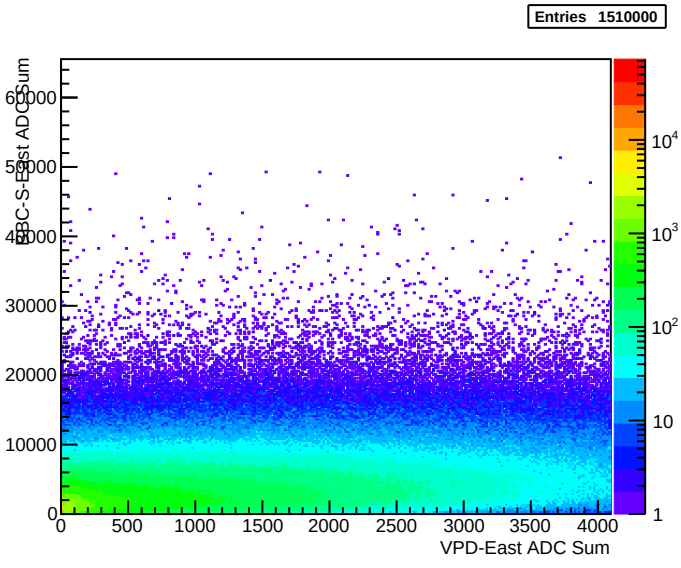

Entries 1510000
TOF Mult
VPD-West ADC Sum

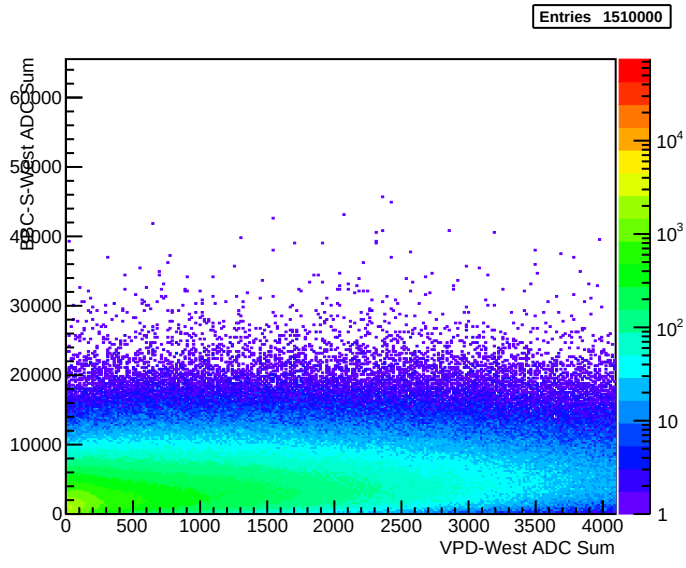

Entries 1510000
TOF Mult
ZDC-East ADC Sum Att

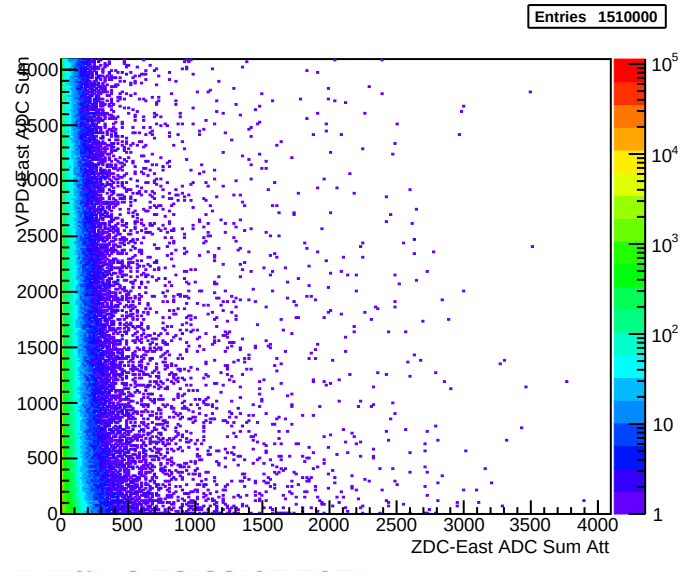

Entries 1510000
TOF Mult
ZDC-West ADC Sum Att

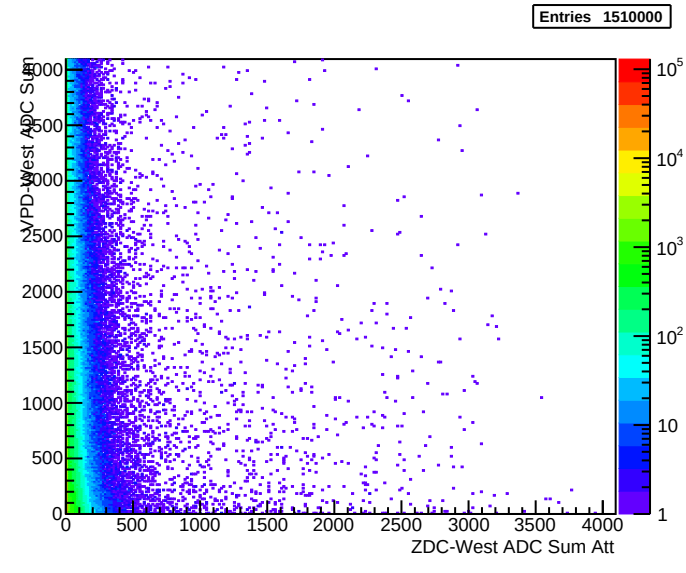

Entries 1510000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

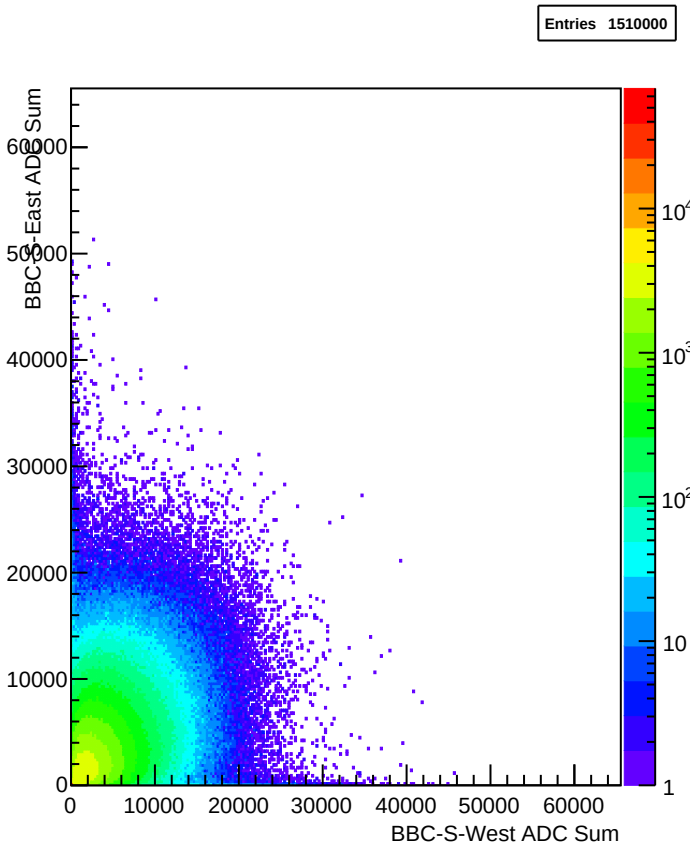

Entries 1510000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

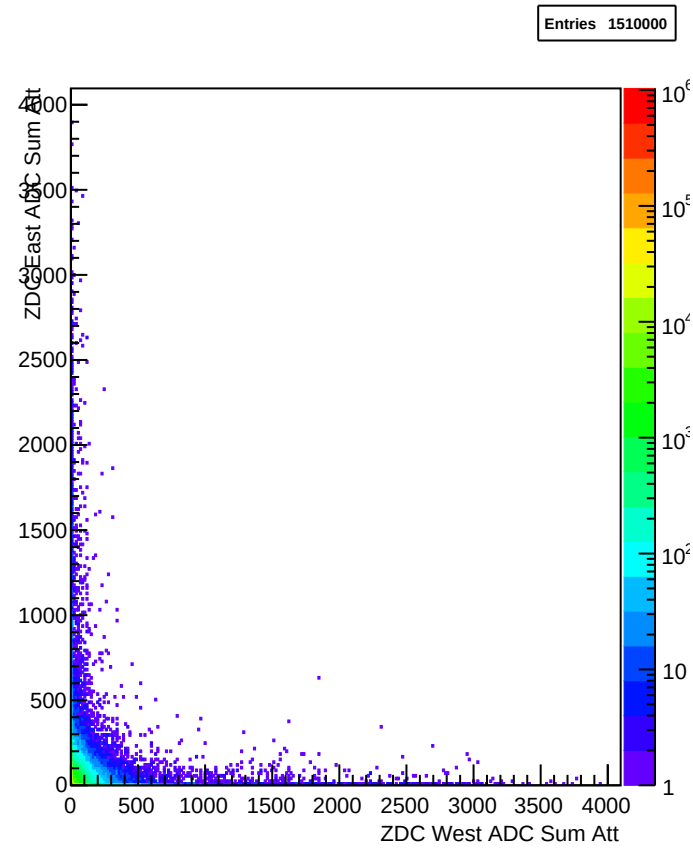

Entries 1510000
BBC-S-East ADC Sum
VPD-East ADC Sum

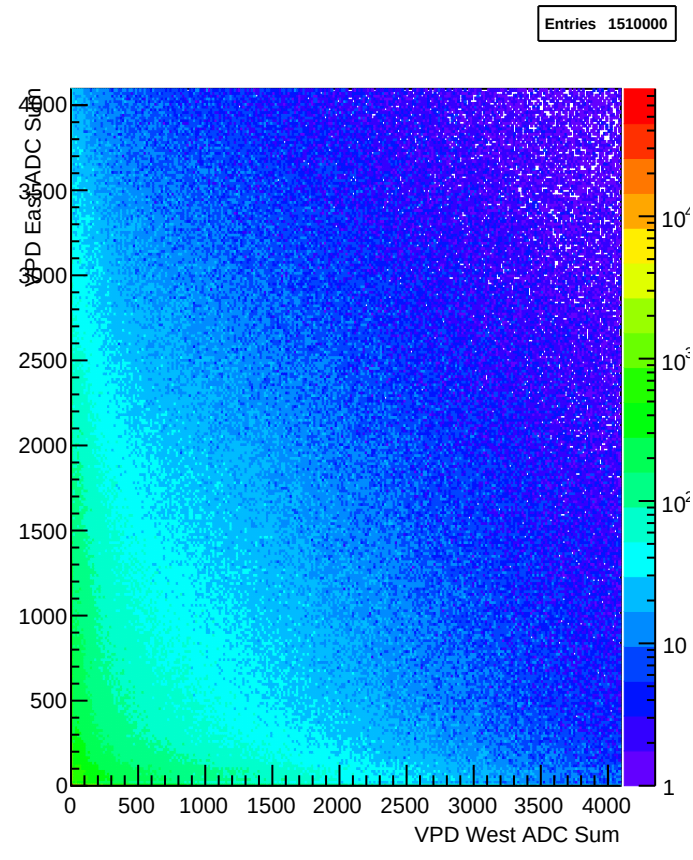

Entries 1510000
BBC-S-West ADC Sum
VPD-West ADC Sum

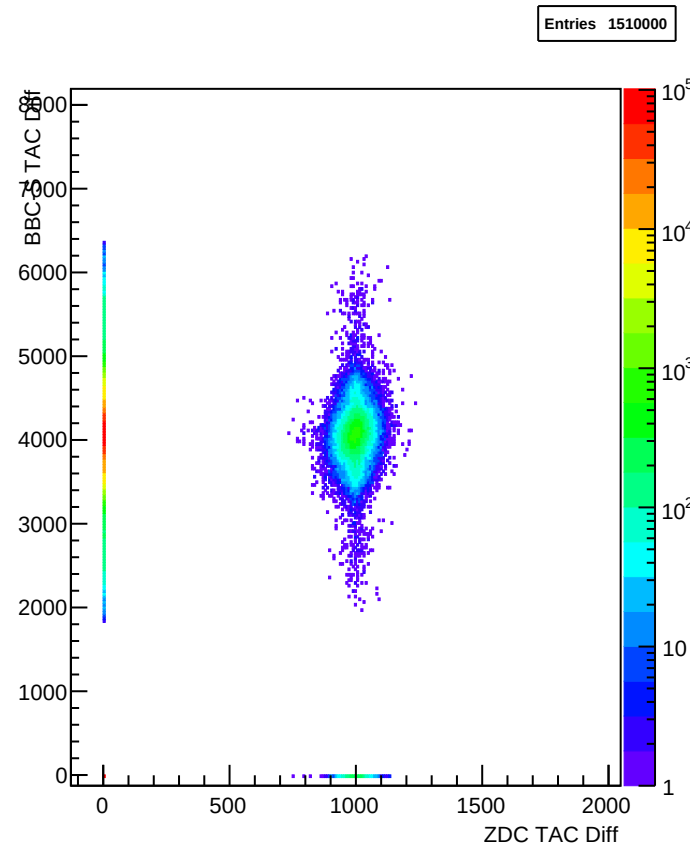

Entries 1510000
VPD-East ADC Sum
ZDC-East ADC Sum Att

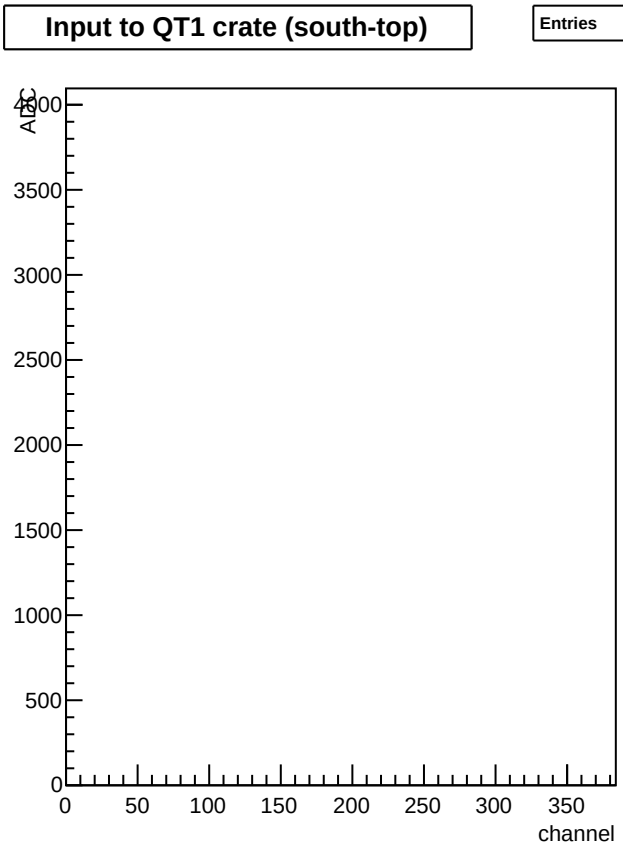

Entries 1510000
VPD-West ADC Sum
ZDC-West ADC Sum Att

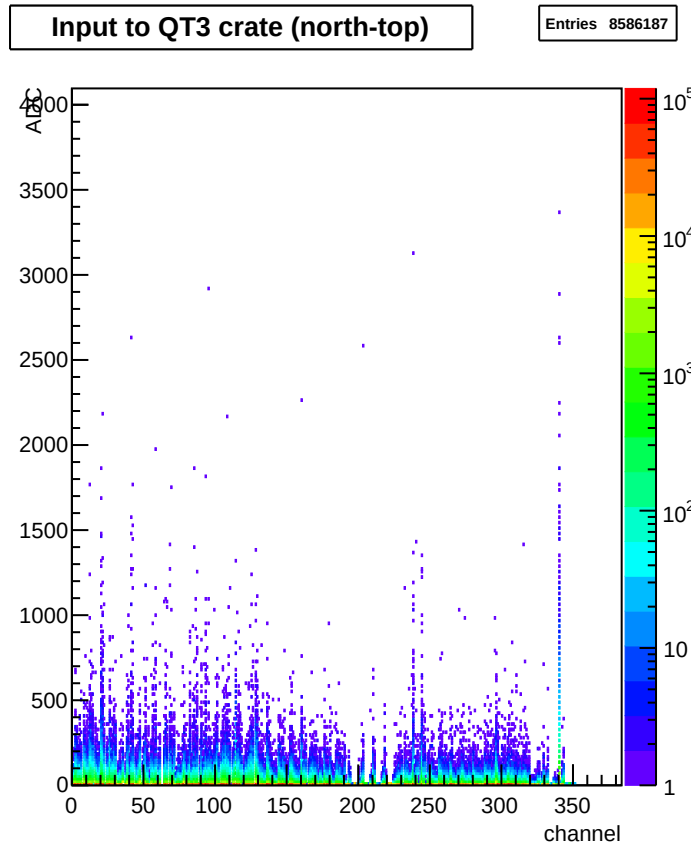

Entries 1510000
BBC-S-East ADC Sum
BBC-S-West ADC Sum

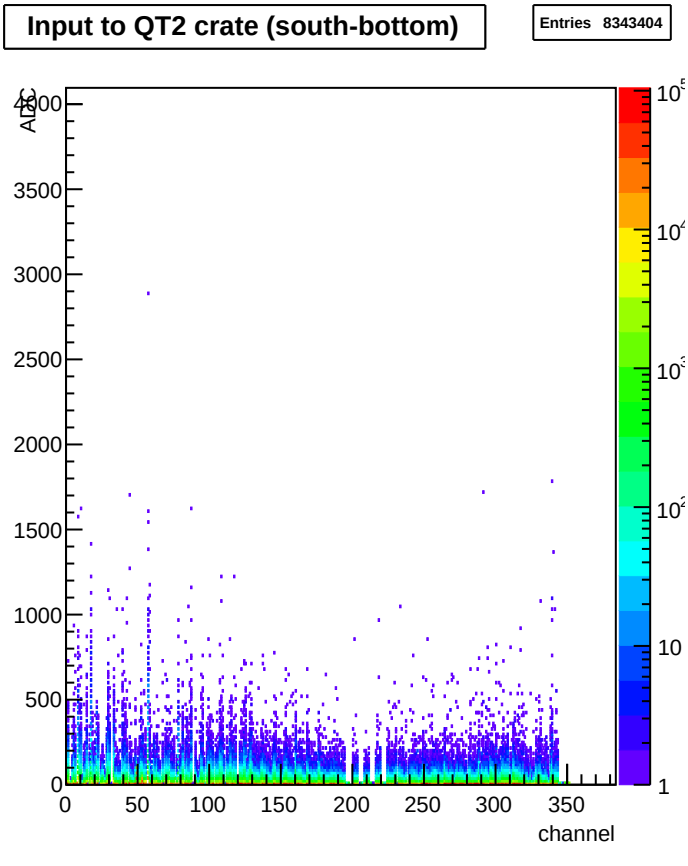

Entries 1510000
ZDC East ADC Sum Att
ZDC West ADC Sum Att

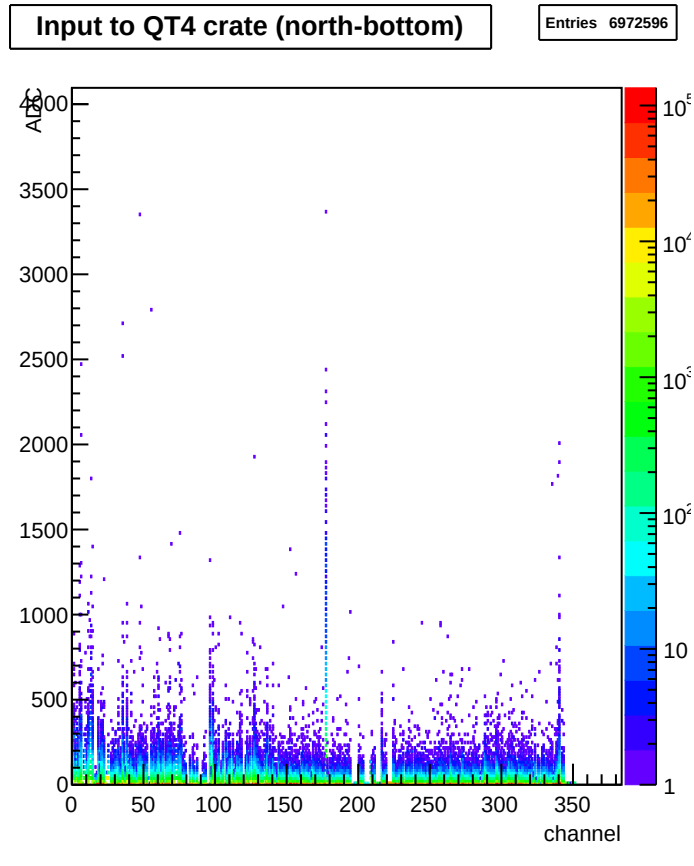

Entries 1510000
VPD East ADC Sum
VPD West ADC Sum

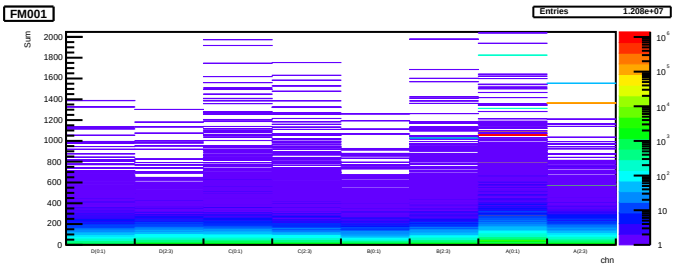

Entries 1510000
BBC-S TAC Diff
ZDC TAC Diff

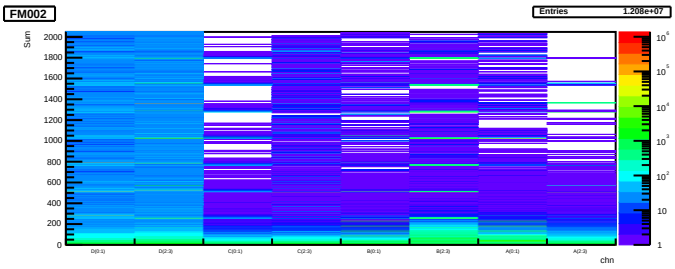

Input to QT1 crate (south-top)
Entries 0
ADC
channel

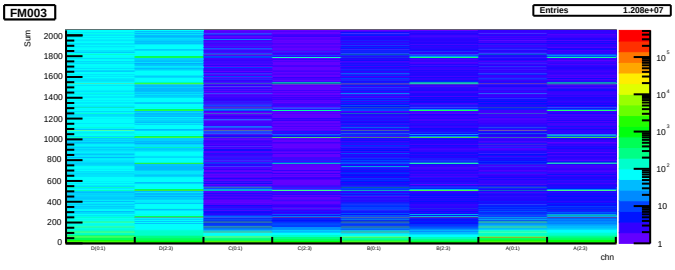

Input to QT3 crate (north-top)
Entries 8586187
ADC
channel

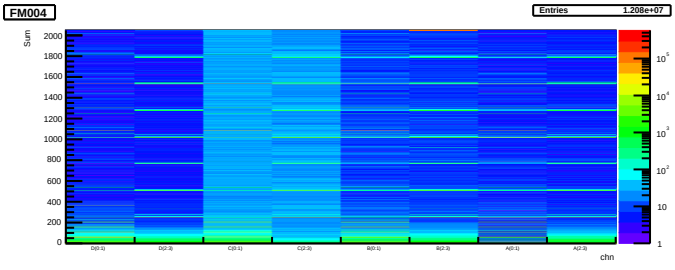

Input to QT2 crate (south-bottom)
Entries 8343404
ADC
channel

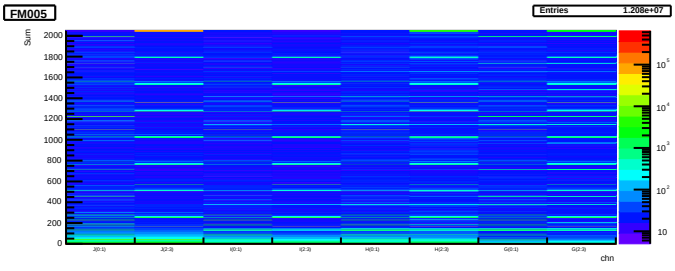

Input to QT4 crate (north-bottom)
Entries 6972596
ADC
channel

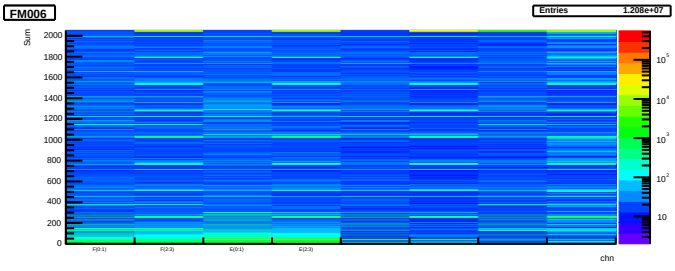

FM001
Entries 1.208e+07
Sum
chn

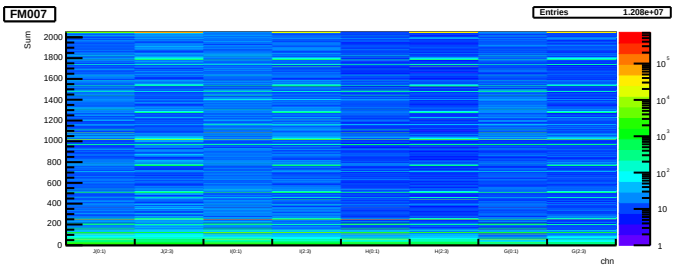

FM002
Entries 1.208e+07
Sum
chn

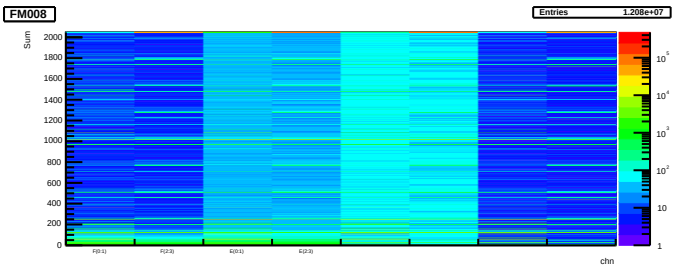

FM003
Entries 1.208e+07
Sum
chn

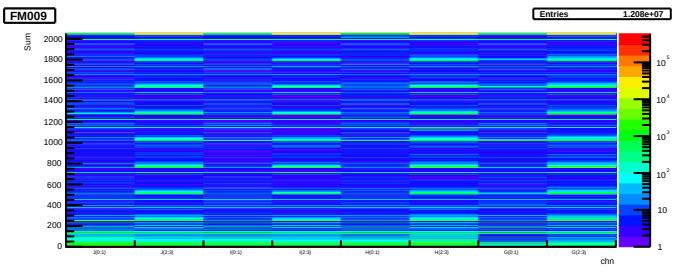

FM004
Entries 1.208e+07
Sum
chn

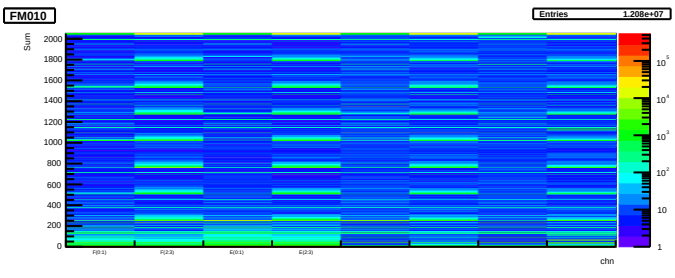

FM005
Entries 1.208e+07
Sum
chn

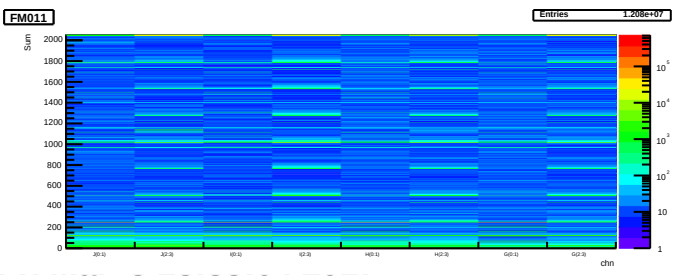

FM006
Entries 1.208e+07
Sum
chn

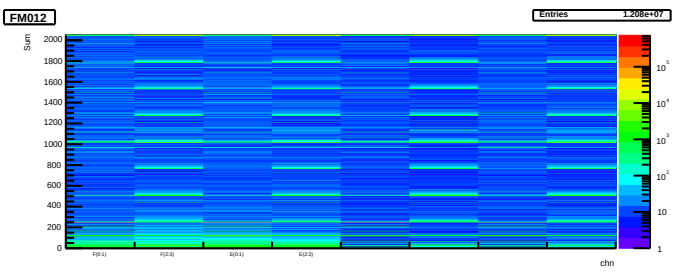

FM007
Entries 1.208e+07
Sum
chn


FM008
Entries 1.208e+07
Sum
chn


FM009
Entries 1.208e+07
Sum
chn


FM010
Entries 1.208e+07
Sum
chn


FM011
Entries 1.208e+07
Sum
chn


FM012
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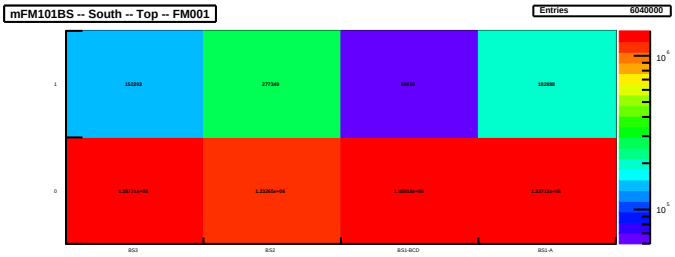
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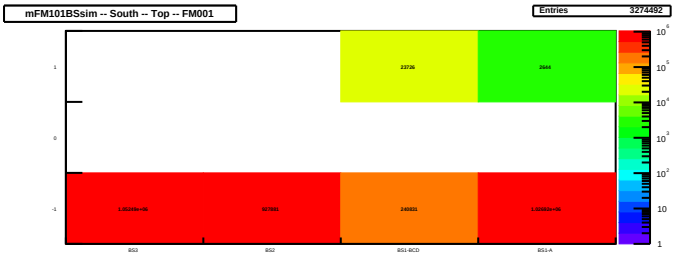
Entries 6040000
BS3
BS2
BS1-BCD
BS1-A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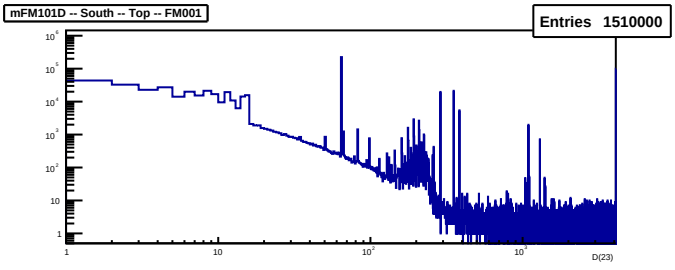
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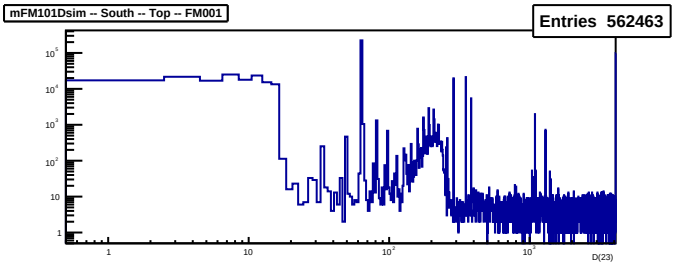
Entries 1510000
D(23)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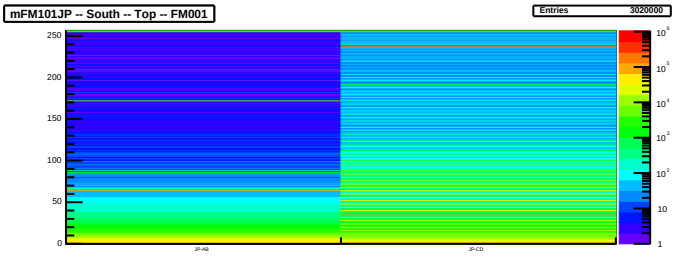
D(23)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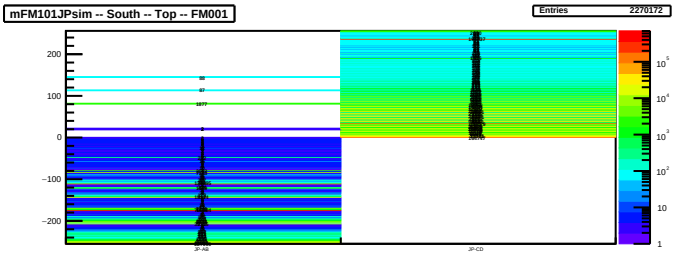
Entries 3020000
JP-AB
JP-CD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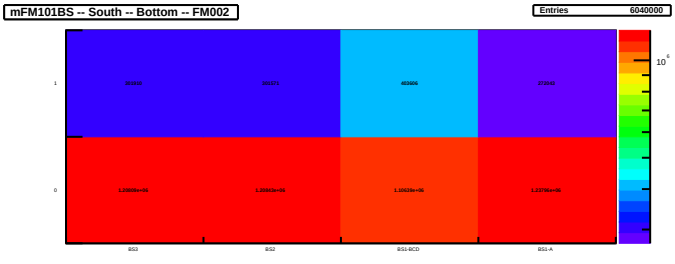
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 6040000
BS3
BS2
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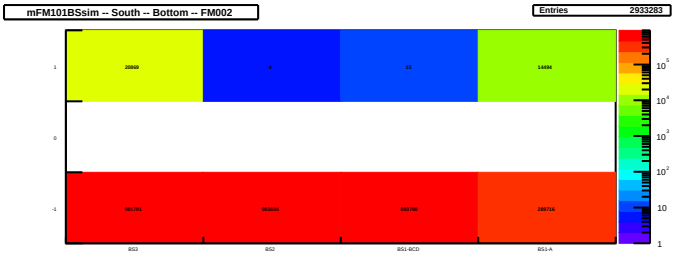
BS1-A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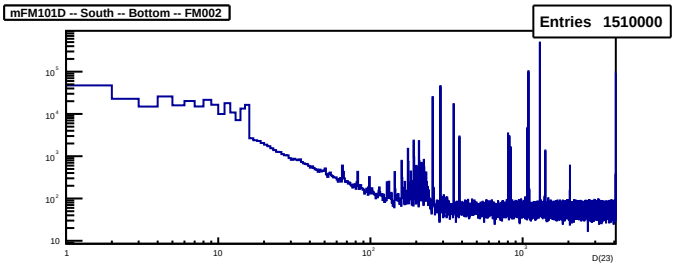
BS1-A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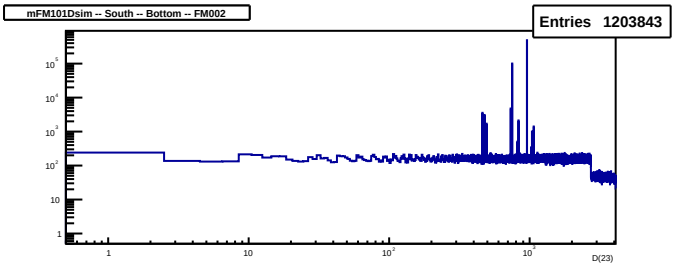
Entries 1510000
D(23)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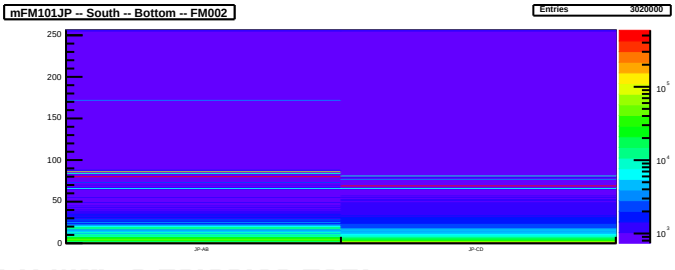
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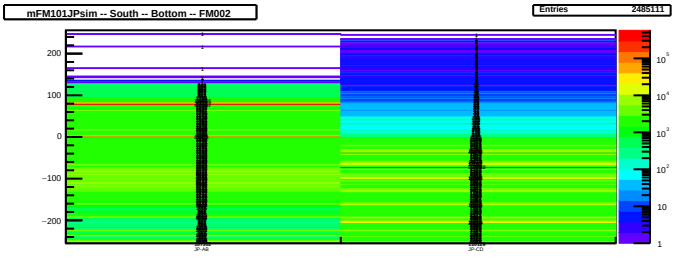
Entries 3020000
JP-AB
JP-CD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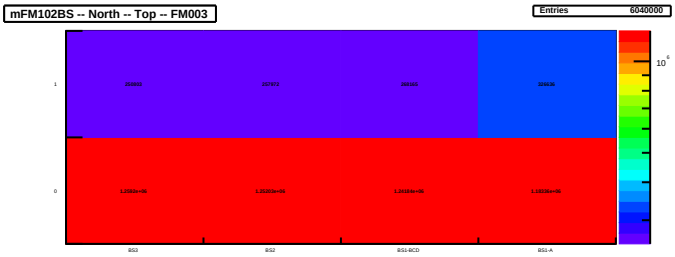
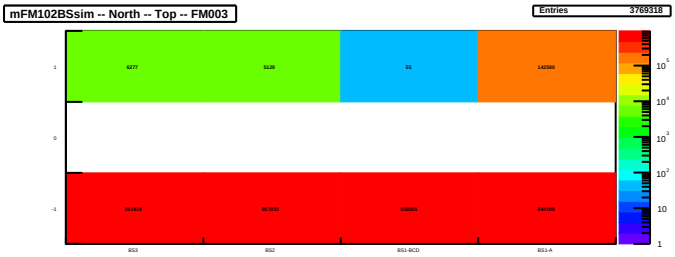
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 6040000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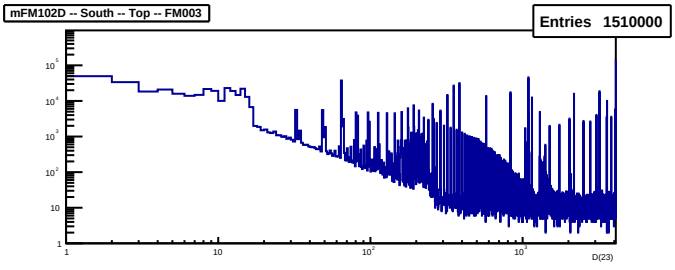
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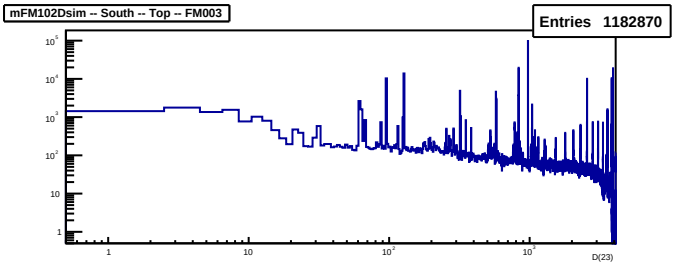
Entries 1510000
D(23)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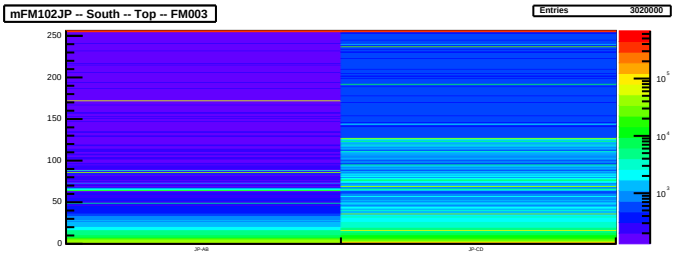
D(23)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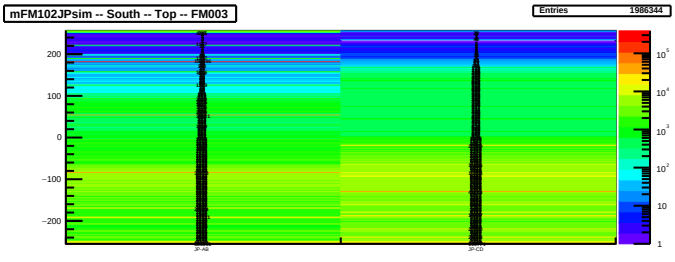
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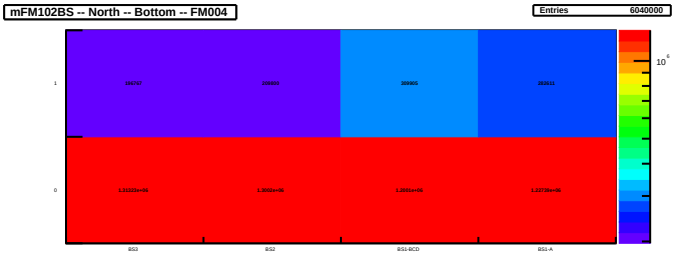
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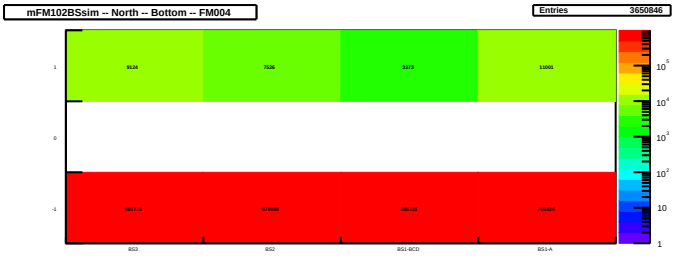
Entries 6040000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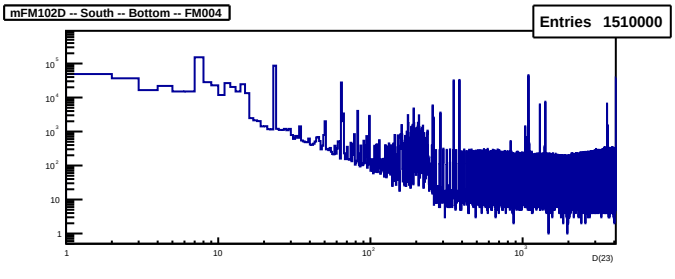
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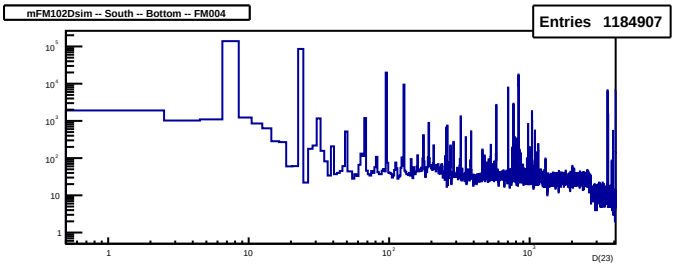
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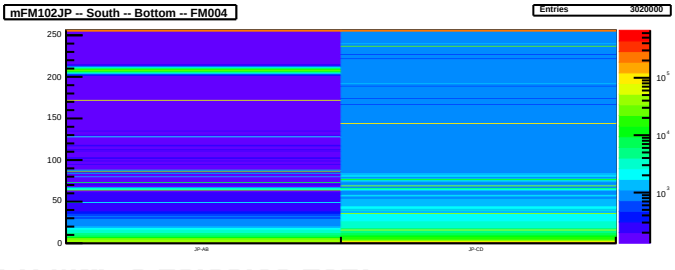
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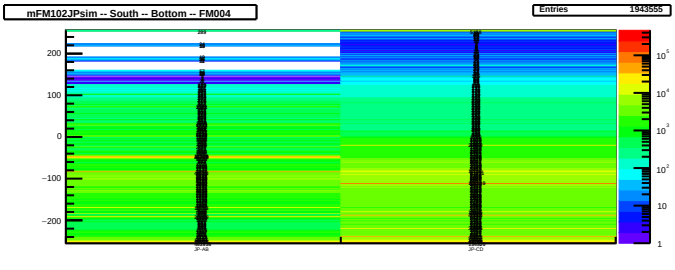
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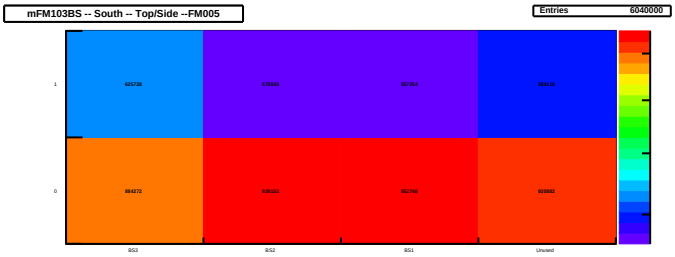
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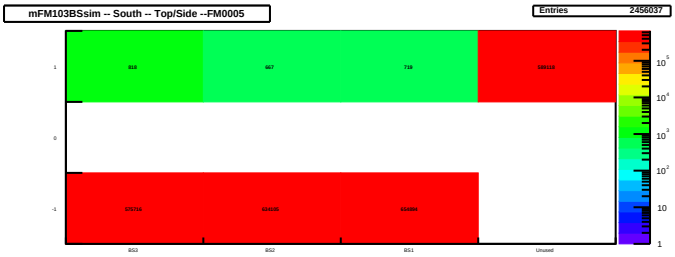
Entries 6040000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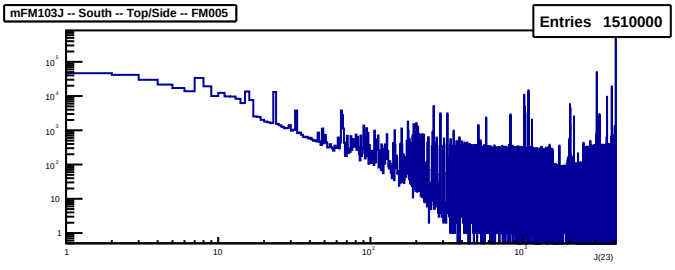
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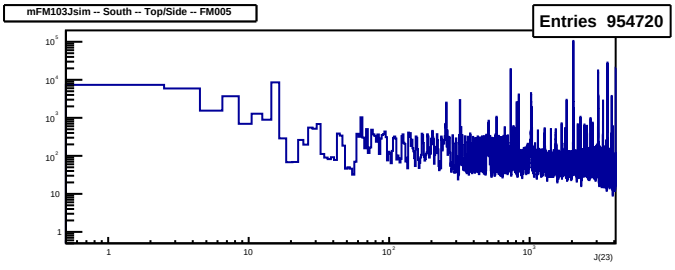
Entries 1510000
J(23)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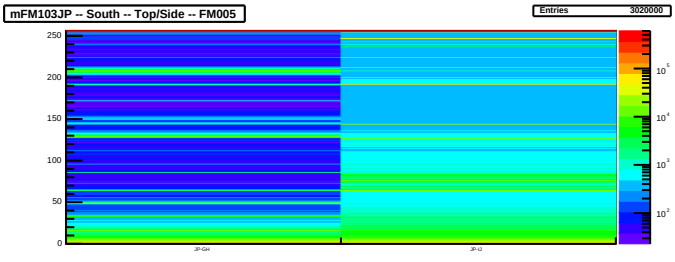
J(23)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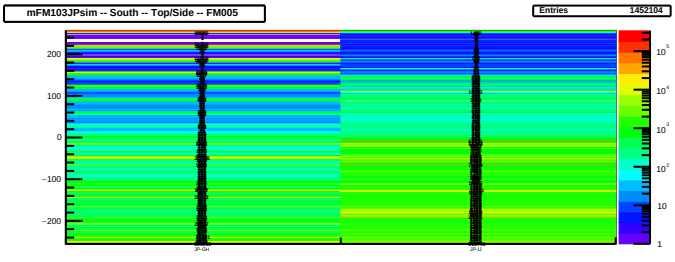
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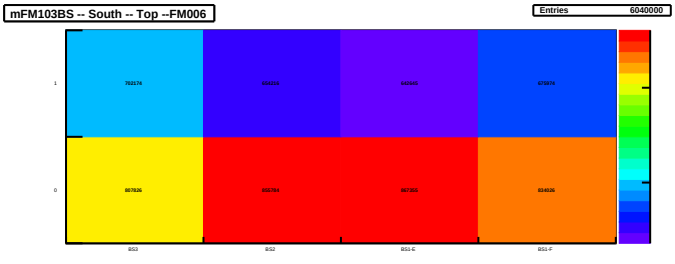
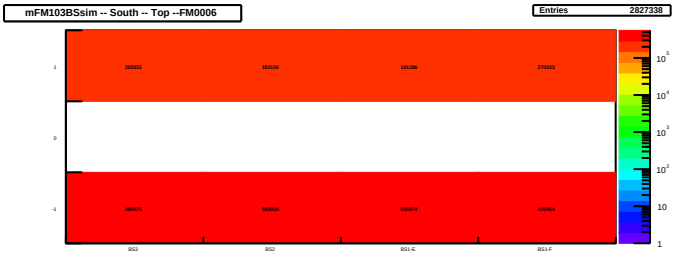

mFM103BS -- South -- Top --FM006
Entries 6040000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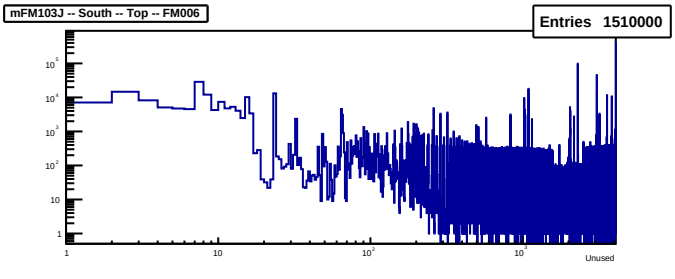
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Entries 1510000
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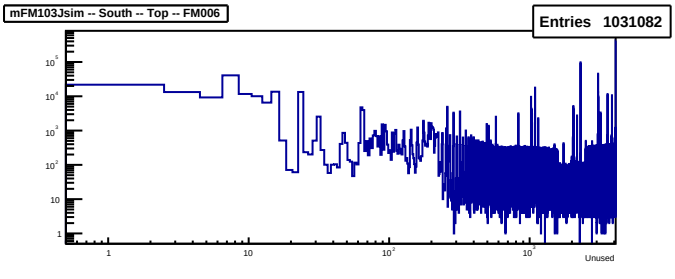
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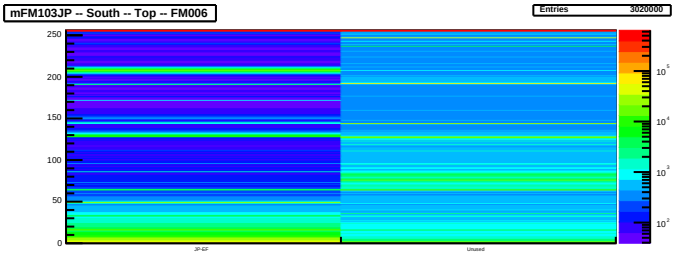
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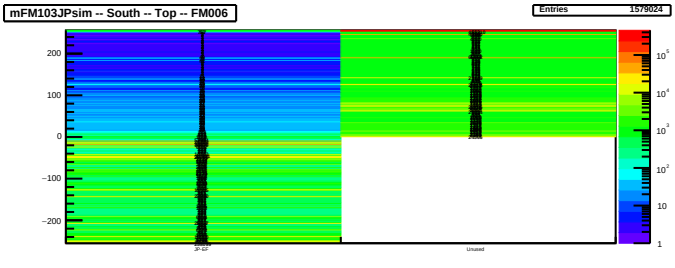
Entries 3020000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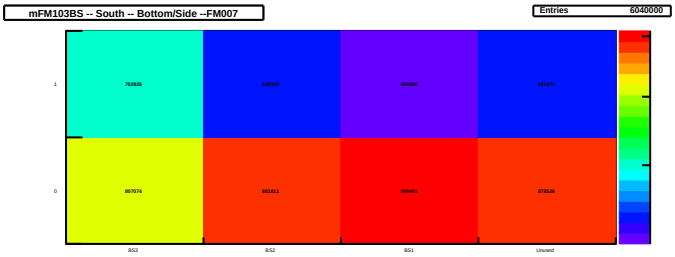
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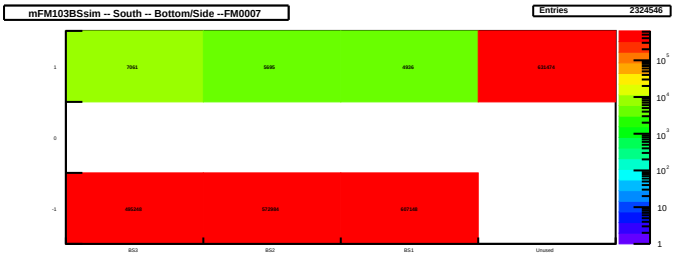
Entries 6040000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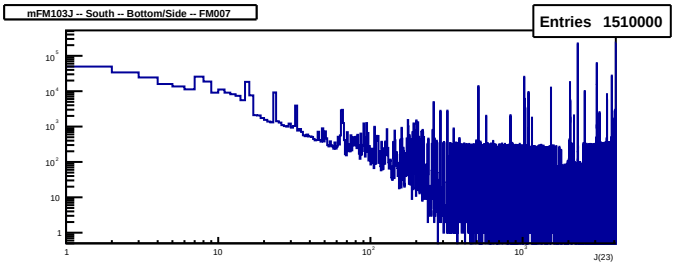
Entries 2324546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Entries 1510000
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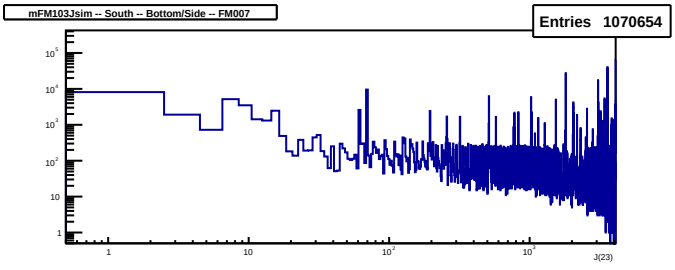
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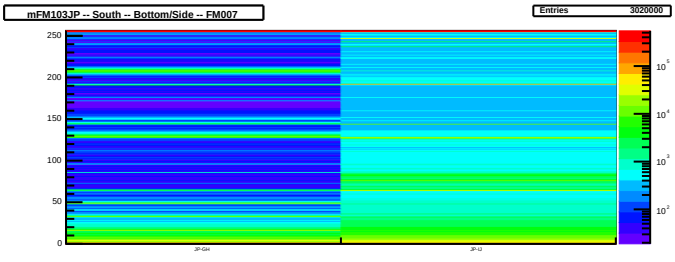
J(23)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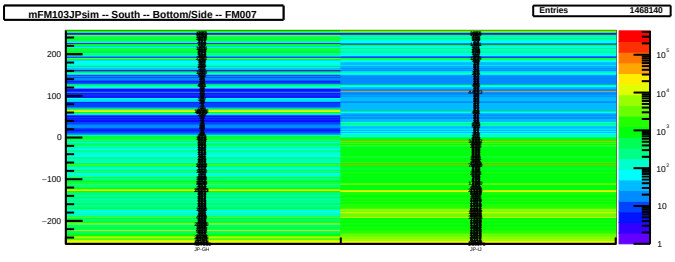
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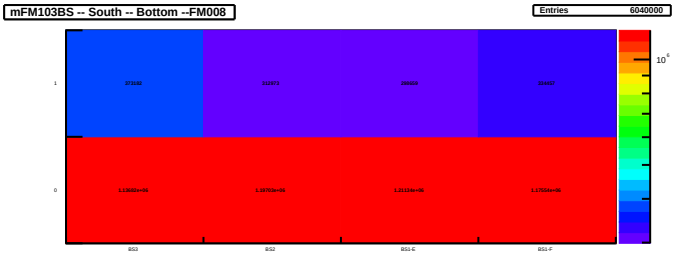
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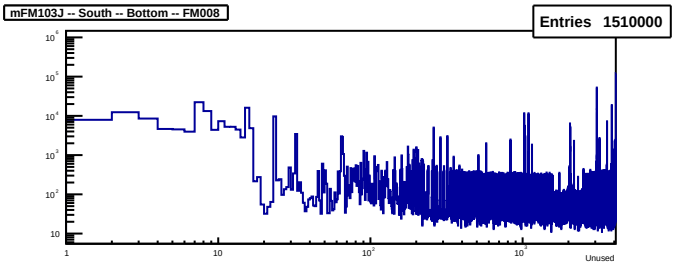
Entries 6040000

mFM103BSsim -- South -- Bottom --FM0008
Entries 3517924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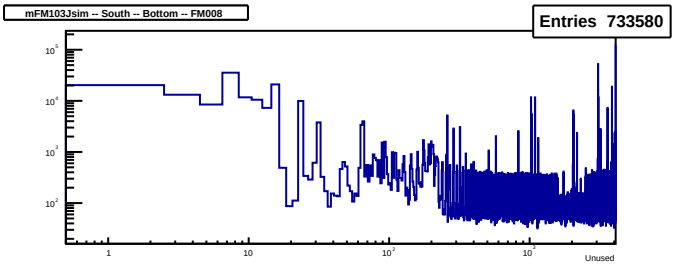
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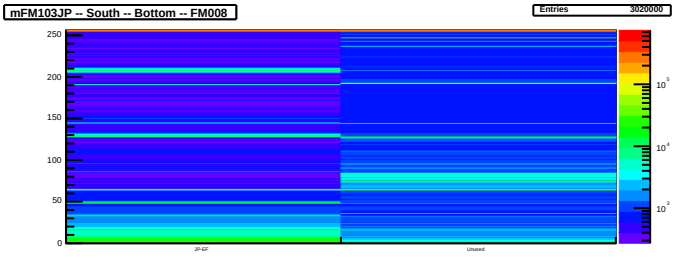
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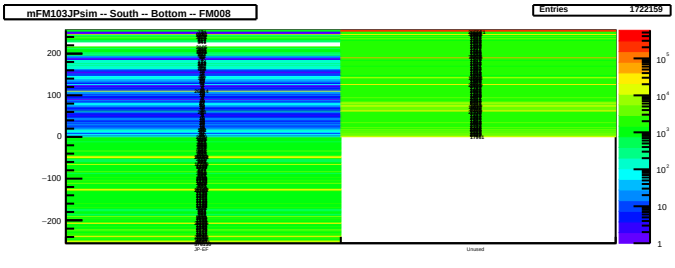
Entries 3020000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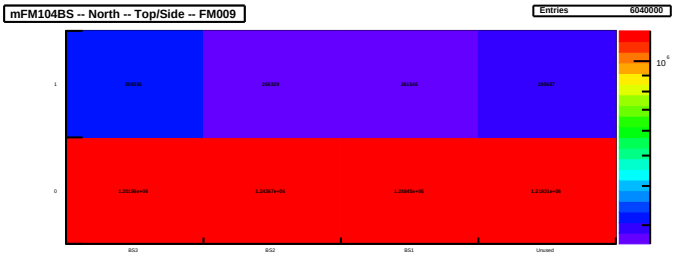
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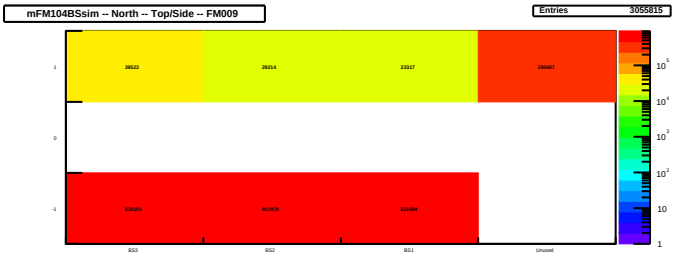
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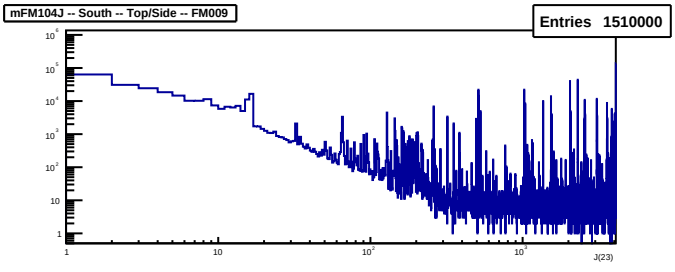
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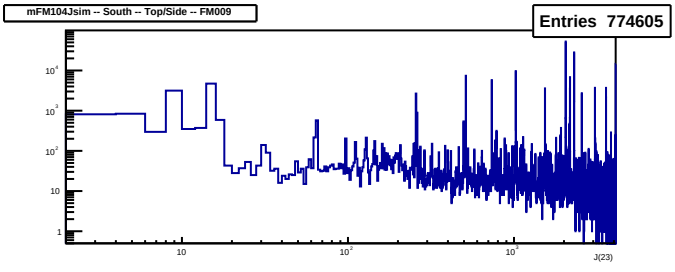
J(23)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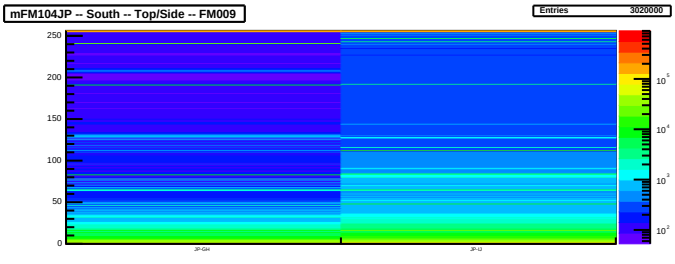
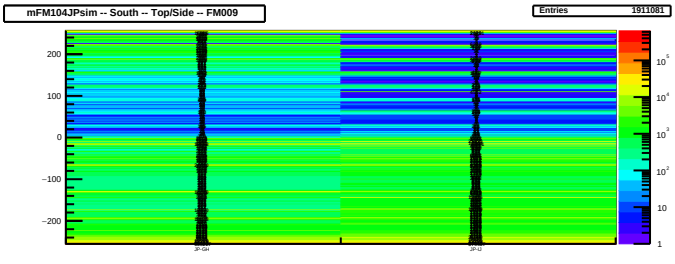
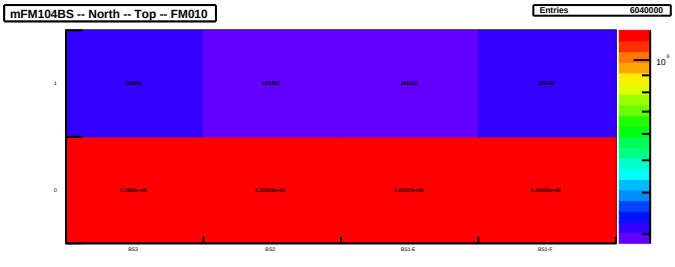
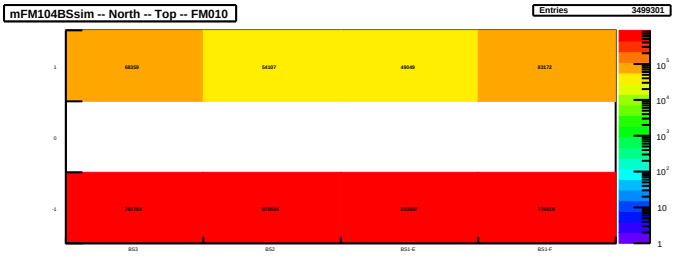
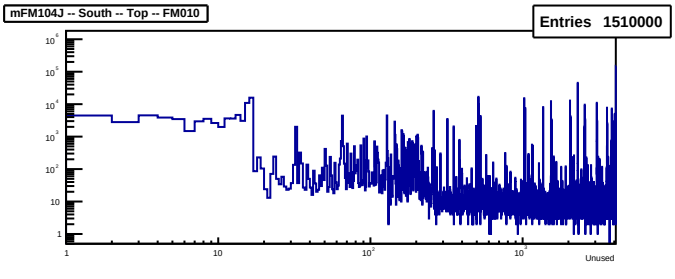
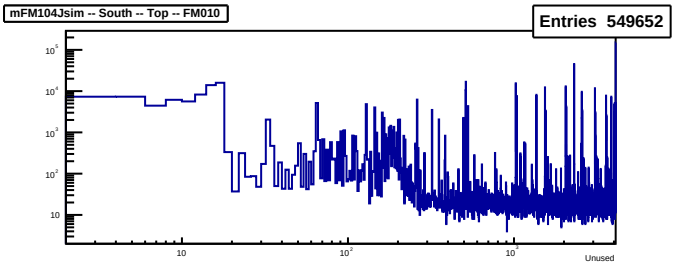

mFM104JP -- South -- Top/Side -- FM009
Entries 3020000

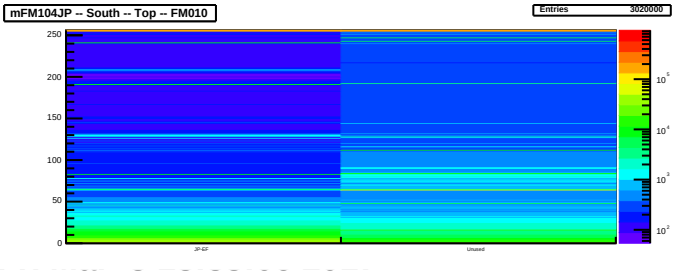

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1911081

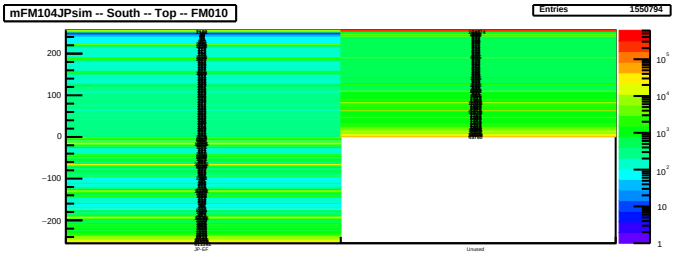

mFM104BS -- North -- Top -- FM010
Entries 6040000

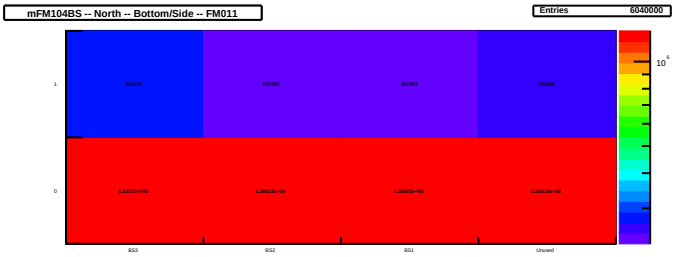

mFM104BSsim -- North -- Top -- FM010
Entries 3499301

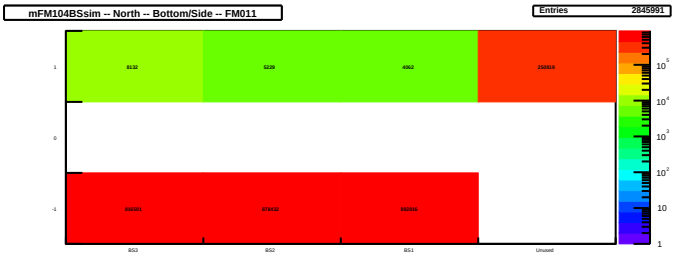

mFM104J -- South -- Top -- FM010
Entries 1510000
Unused

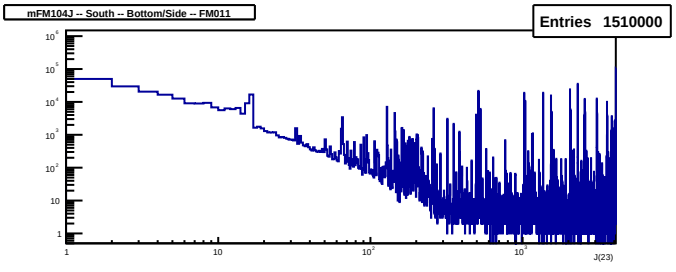

mFM104Jsim -- South -- Top -- FM010
Entries 549652
Unused

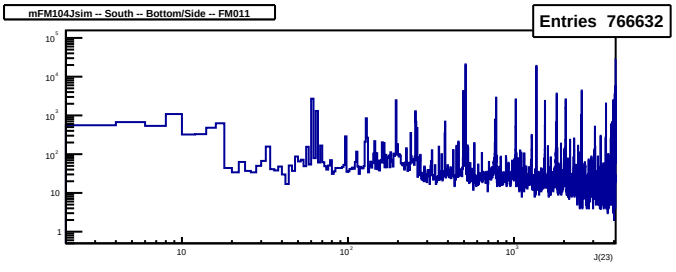

mFM104JP -- South -- Top -- FM010
Entries 3020000

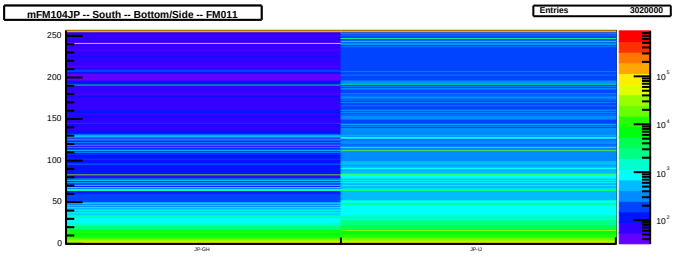

mFM104JPsim -- South -- Top -- FM010
Entries 1550794

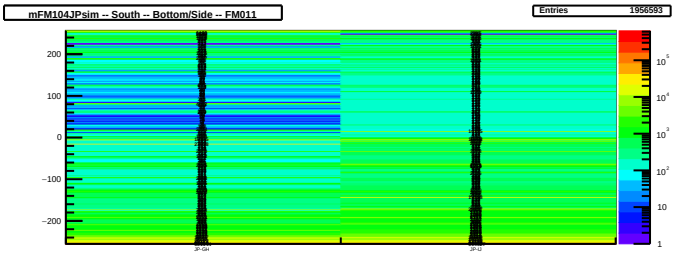

mFM104BS -- North -- Bottom/Side -- FM011
Entries 6040000

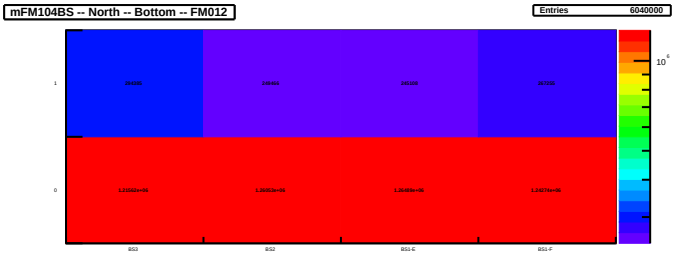

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2845991

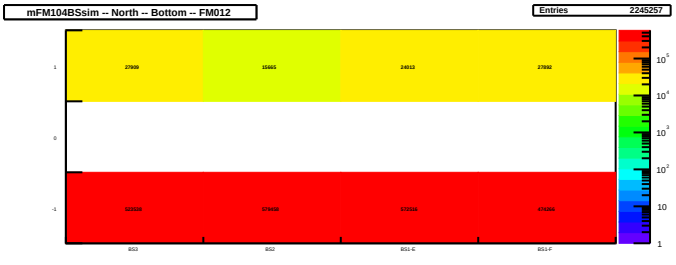

mFM104J -- South -- Bottom/Side -- FM011
Entries 1510000
J(23)

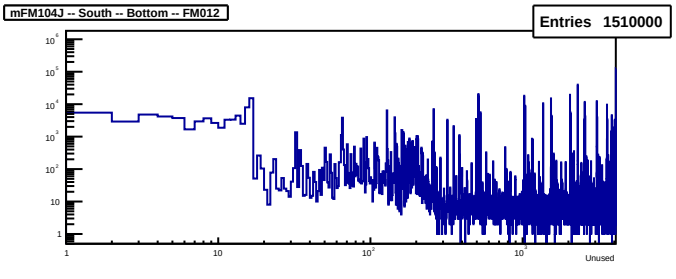

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 766632
J(23)

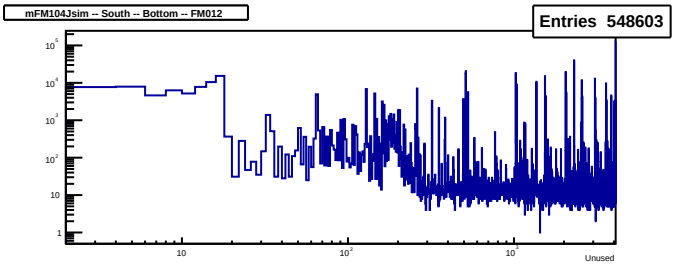

mFM104JP -- South -- Bottom/Side -- FM011
Entries 3020000

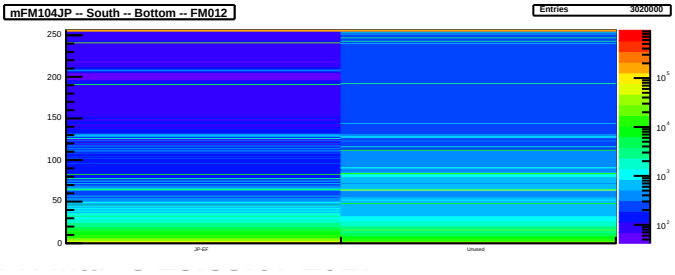

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1956593

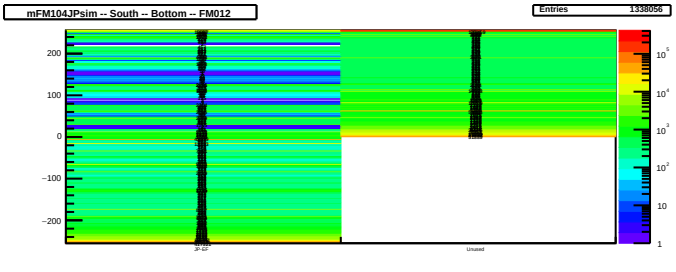

mFM104BS -- North -- Bottom -- FM012
Entries 6040000

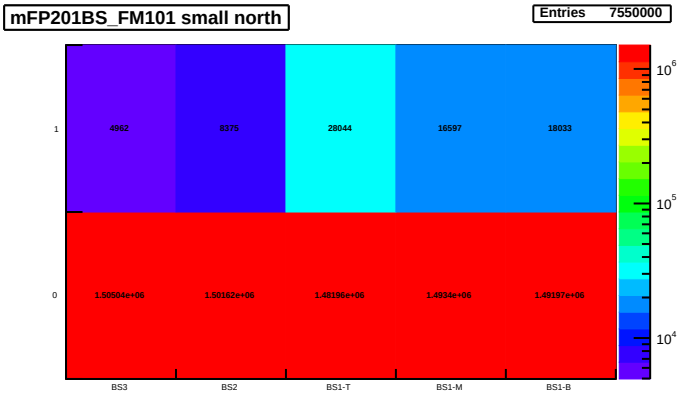

mFM104BSsim -- North -- Bottom -- FM012
Entries 2245257

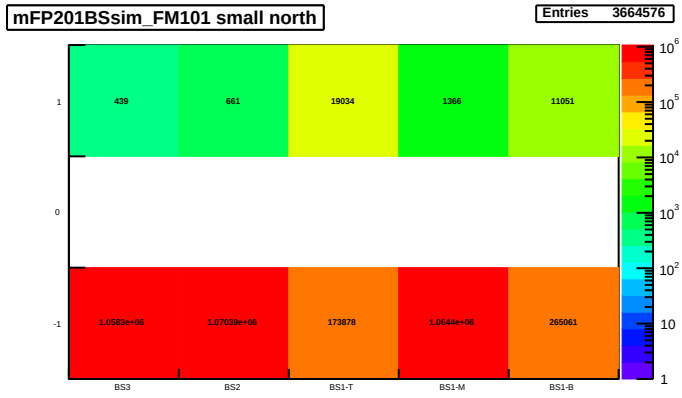

mFM104J -- South -- Bottom -- FM012
Entries 1510000
Unused

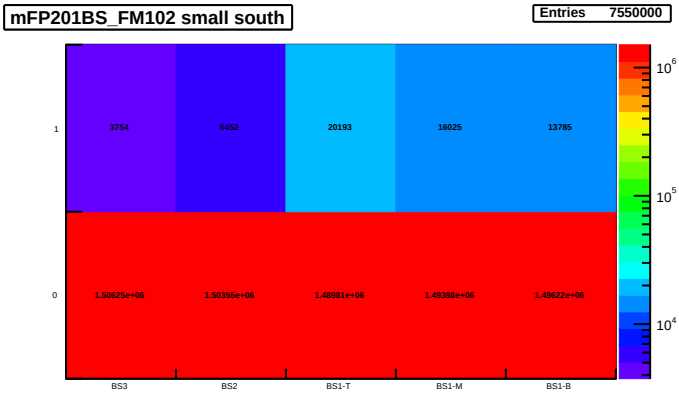

mFM104Jsim -- South -- Bottom -- FM012
Entries 548603
Unused

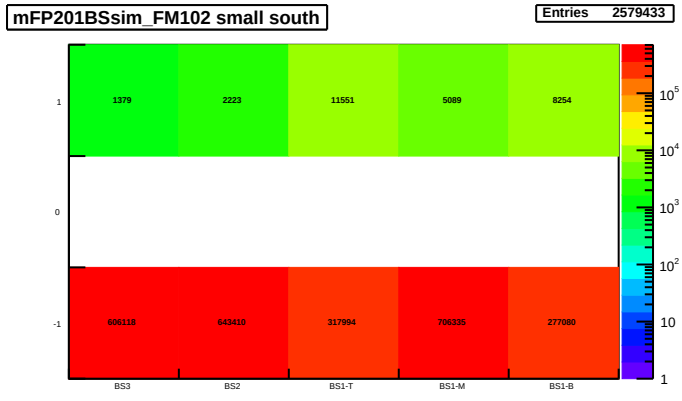

mFM104JP -- South -- Bottom -- FM012
Entries 3020000

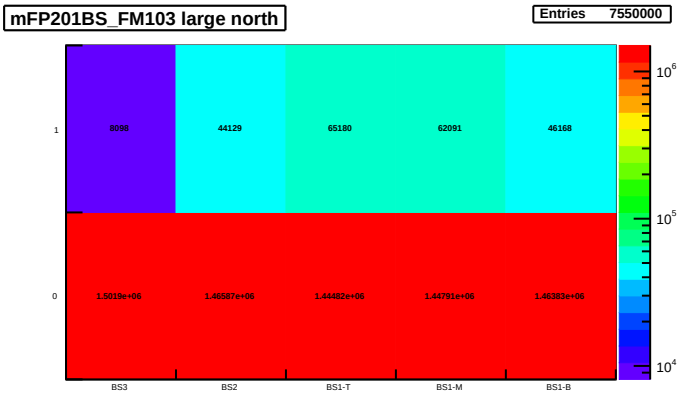

mFM104JPsim -- South -- Bottom -- FM012
Entries 1338056

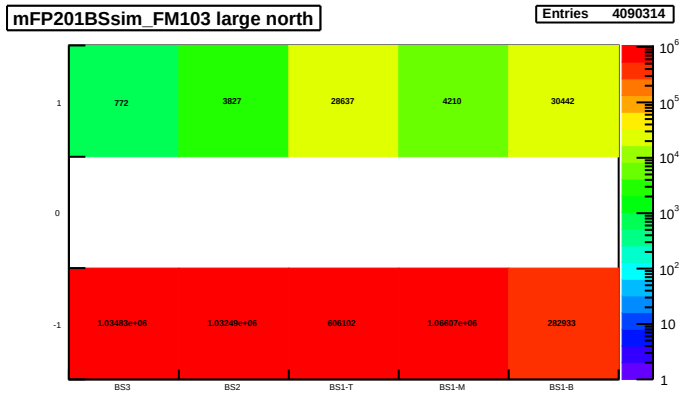

mFP201BS_FM101 small north
Entries 7550000
1
0
4962
8375
28044
16597
18033
1.50504e+06
1.50162e+06
1.48196e+06
1.4934e+06
1.49197e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$
$10^5$
$10^4$

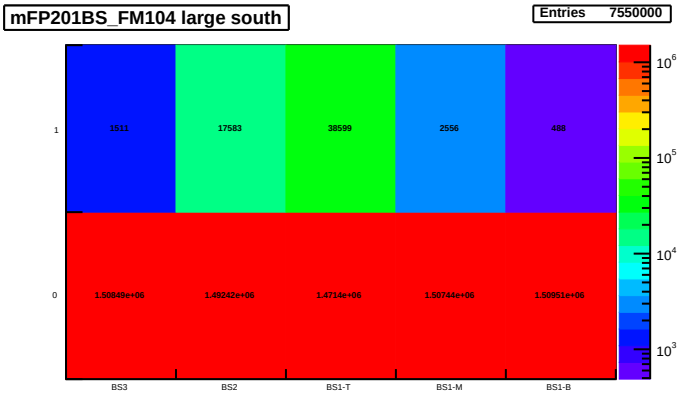

mFP201BSsim_FM101 small north
Entries 3664576
1
0
-1
439
661
19034
1366
11051
1.0583e+06
1.07039e+06
173878
1.0644e+06
265061
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

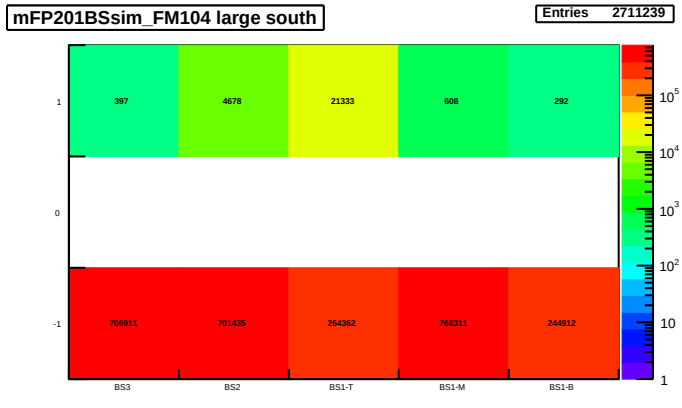

mFP201BS_FM102 small south
Entries 7550000
1
0
3754
6452
20193
16025
13785
1.50625e+06
1.50355e+06
1.48981e+06
1.49398e+06
1.49622e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$
$10^5$
$10^4$

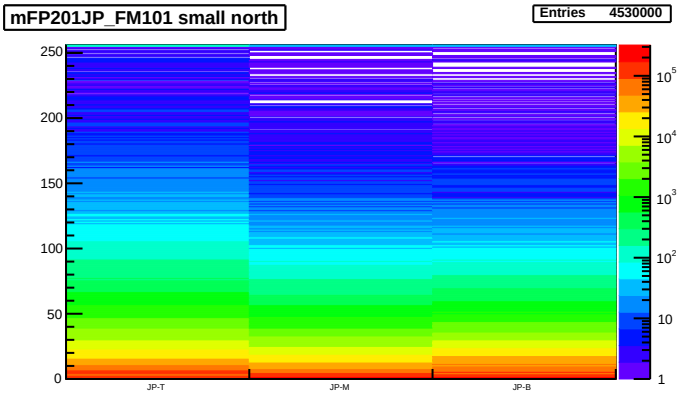

mFP201BSsim_FM102 small south
Entries 2579433
1
0
-1
1379
2223
11551
5089
8254
606118
643410
317994
706335
277080
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^5$
$10^4$
$10^3$
$10^2$
10
1

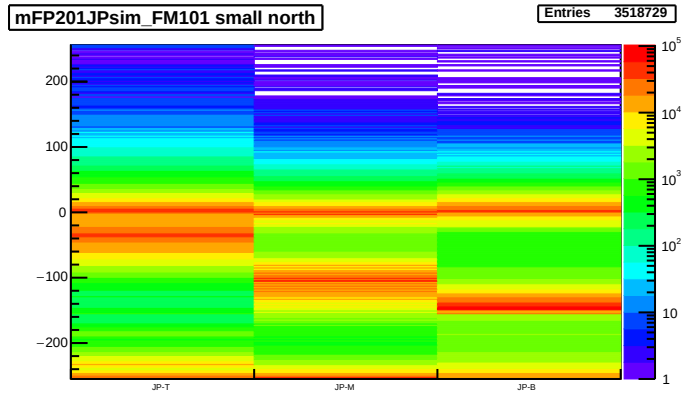

mFP201BS_FM103 large north
Entries 7550000
1
0
8098
44129
65180
62091
46168
1.5019e+06
1.46587e+06
1.44482e+06
1.44791e+06
1.46383e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$
$10^5$
$10^4$

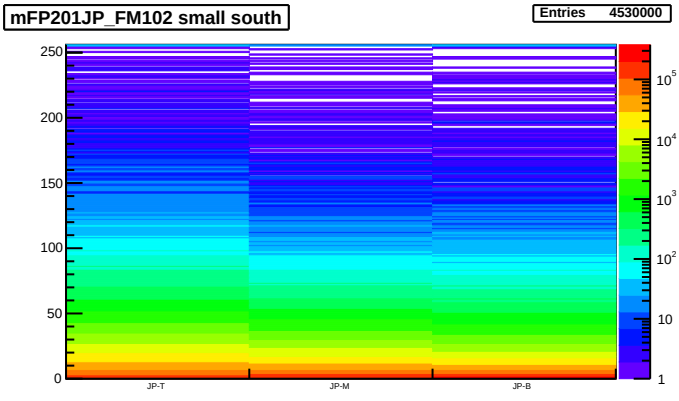

mFP201BSsim_FM103 large north
Entries 4090314
1
0
-1
772
3827
28637
4210
30442
1.03483e+06
1.03249e+06
606102
1.06607e+06
282933
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1

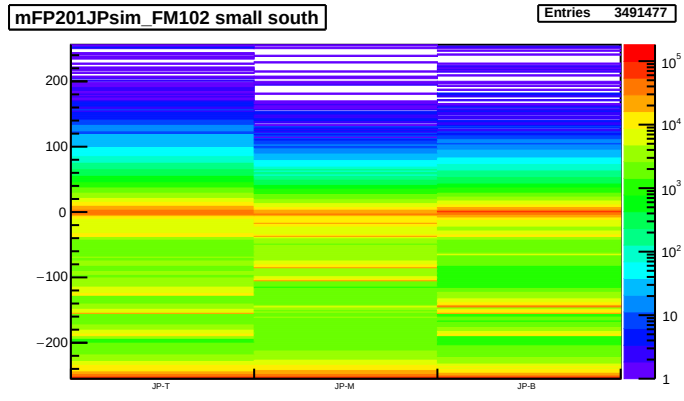

mFP201BS_FM104 large south
Entries 7550000
1
0
1511
17583
38599
2556
488
1.50849e+06
1.49242e+06
1.4714e+06
1.50744e+06
1.50951e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$
$10^5$
$10^4$
$10^3$

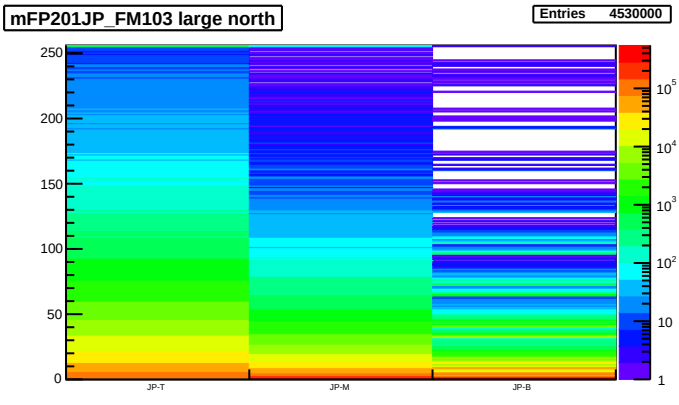

mFP201BSsim_FM104 large south
Entries 2711239
1
0
-1
397
4678
21333
608
292
706911
701435
264362
706311
244912
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^5$
$10^4$
$10^3$
$10^2$
10
1

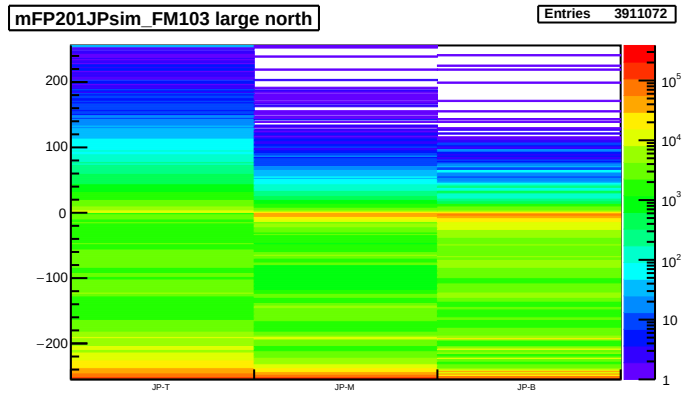

mFP201JP_FM101 small north
Entries 4530000
JP-T
JP-M
JP-B

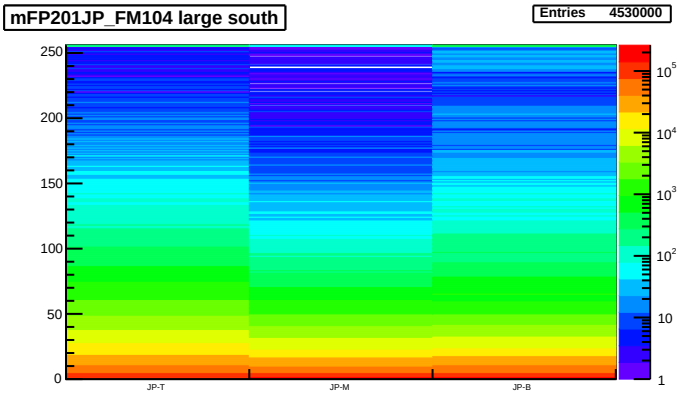

mFP201JPsim_FM101 small north
Entries 3518729
JP-T
JP-M
JP-B

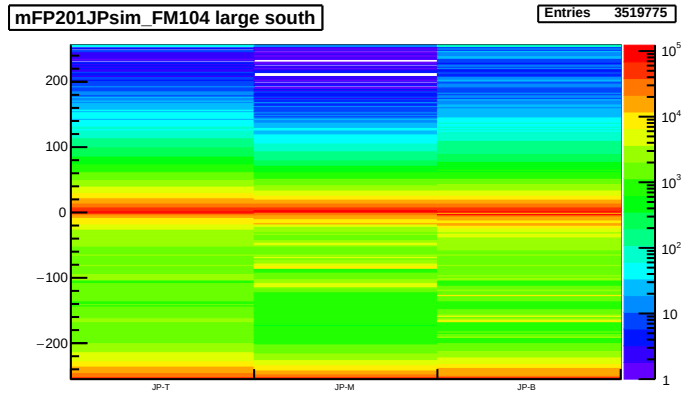

mFP201JP_FM102 small south
Entries 4530000
JP-T
JP-M
JP-B

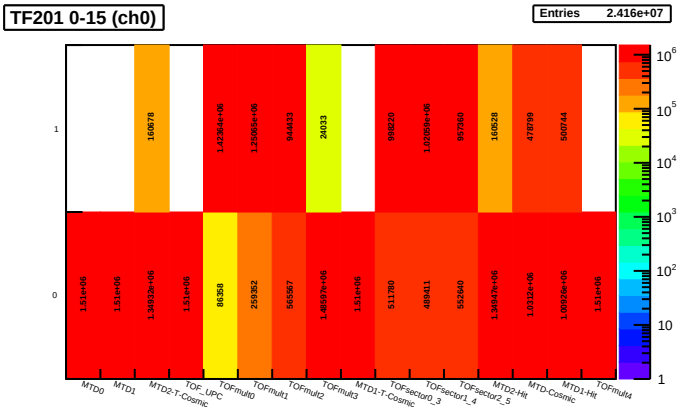

mFP201JPsim_FM102 small south
Entries 3491477
JP-T
JP-M
JP-B

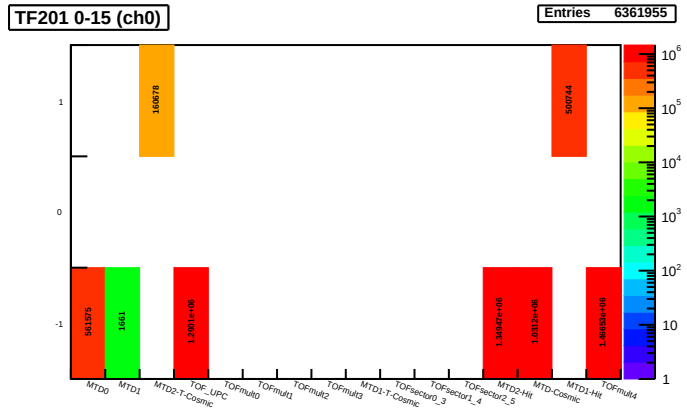

mFP201JP_FM103 large north
Entries 4530000
JP-T
JP-M
JP-B

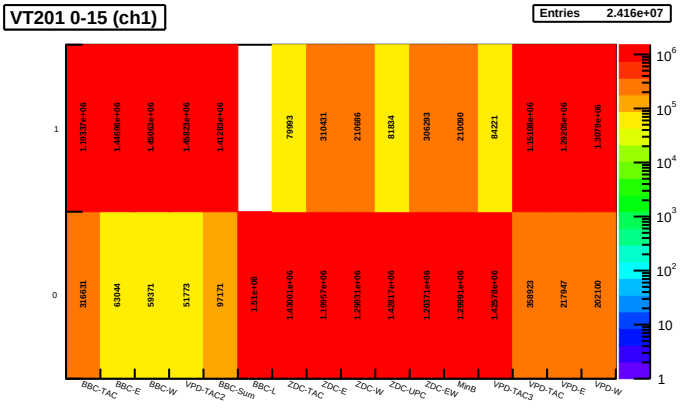

mFP201JPsim_FM103 large north
Entries 3911072
JP-T
JP-M
JP-B

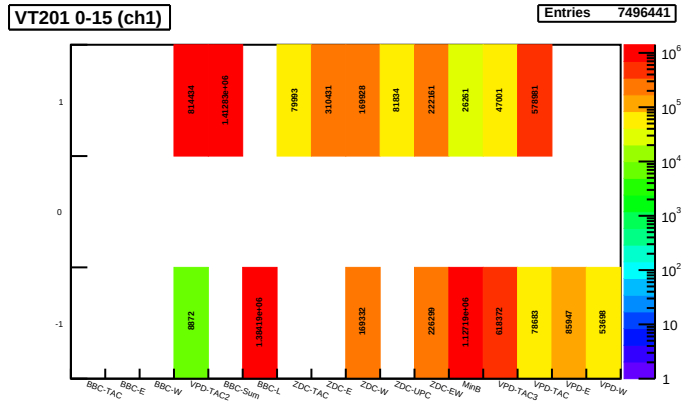

mFP201JP_FM104 large south
Entries 4530000
JP-T
JP-M
JP-B

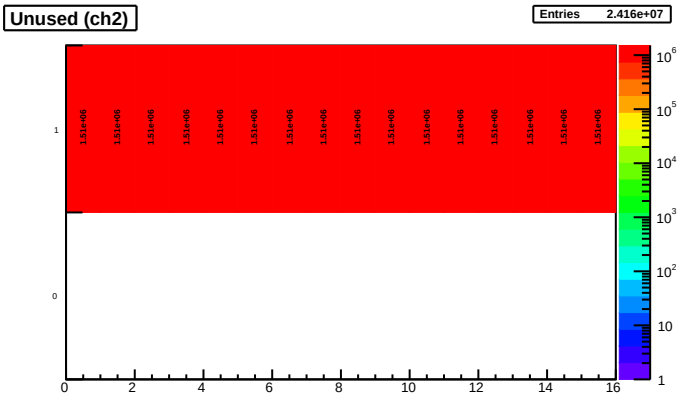

mFP201JPsim_FM104 large south
Entries 3519775
JP-T
JP-M
JP-B

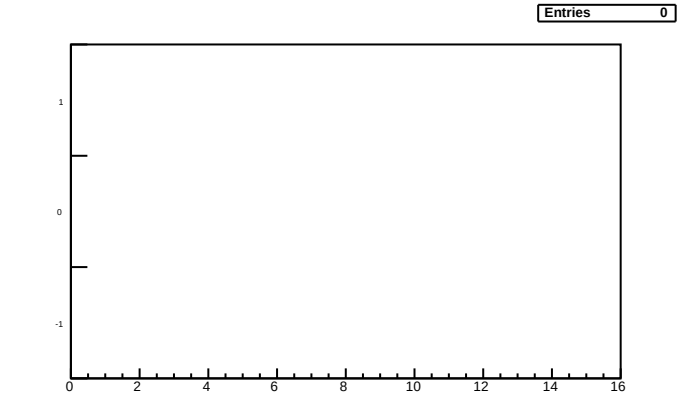

TF201 0-15 (ch0)
Entries 2.416e+07
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

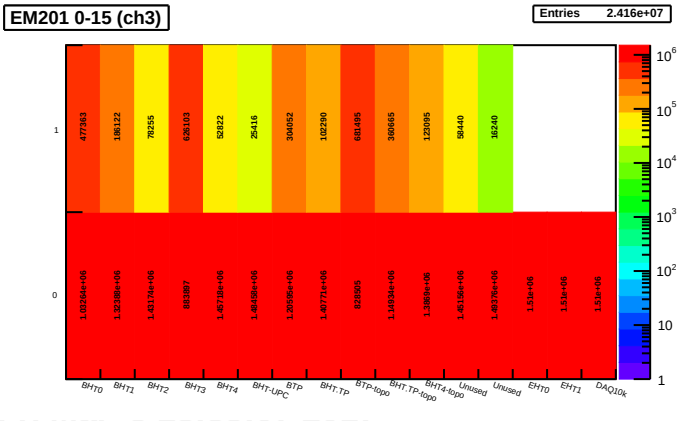

TF201 0-15 (ch0)
Entries 6361955
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

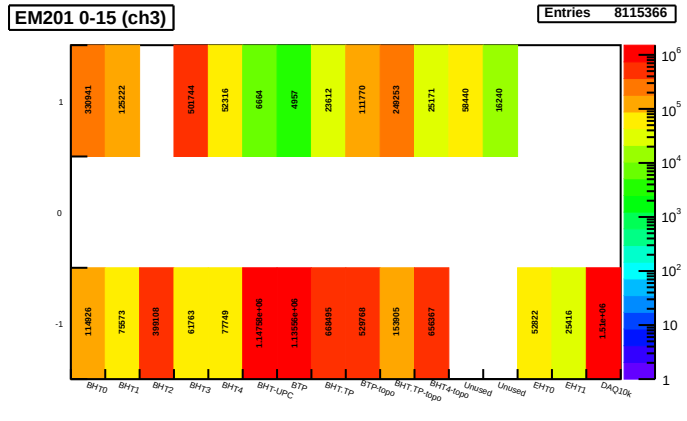

VT201 0-15 (ch1)
Entries 2.416e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

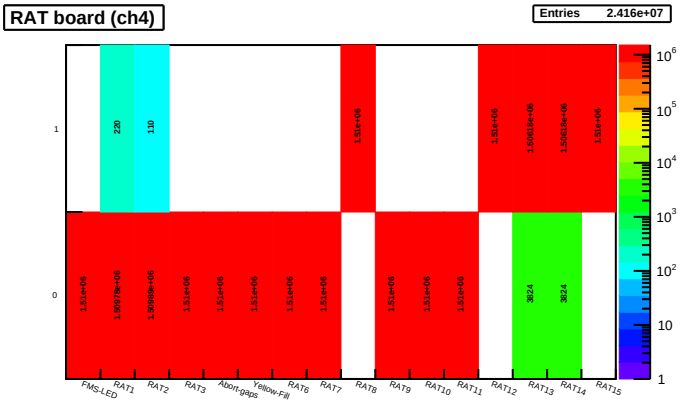

VT201 0-15 (ch1)
Entries 7496441
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

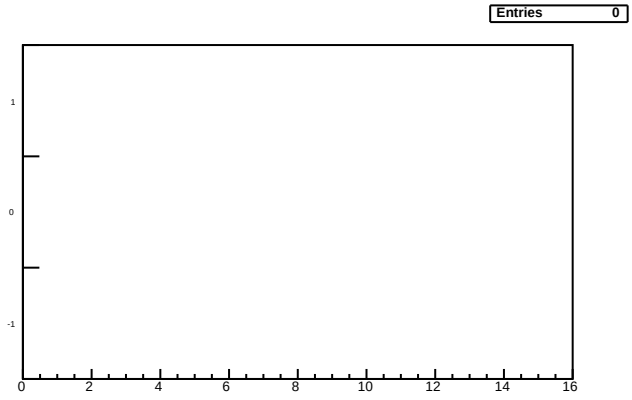

Unused (ch2)
Entries 2.416e+07


Entries 0


EM201 0-15 (ch3)
Entries 2.416e+07
BH10 BH11 BH12 BH13 BH14 BH1-UPC BTP BH1-TP BTP-topo BH1-TP-topo BH14-topo Unused Unused EH10 EH11 DAQ10k


EM201 0-15 (ch3)
Entries 8115366
BH10 BH11 BH12 BH13 BH14 BH1-UPC BTP BH1-TP BTP-topo BH1-TP-topo BH14-topo Unused Unused EH10 EH11 DAQ10k


RAT board (ch4)
Entries 2.416e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15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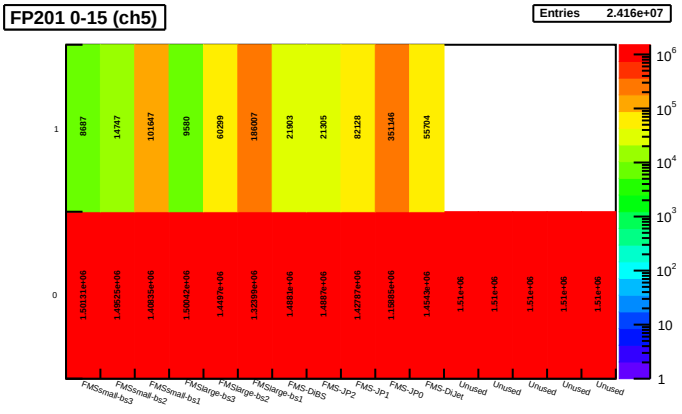
FP201 0-15 (ch5)
Entries 2.416e+07
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FMSsmall-bs2
FMSsmall-bs1
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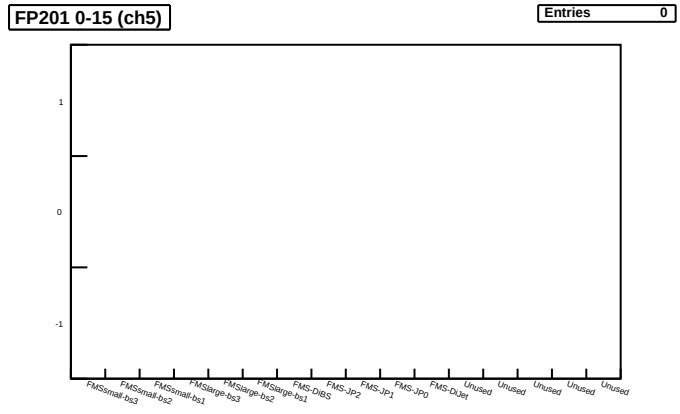
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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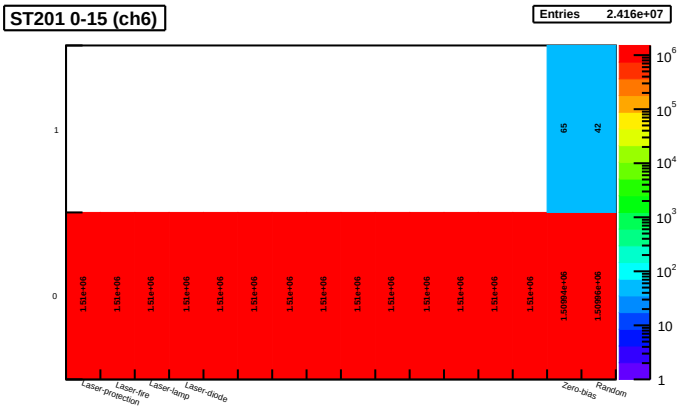
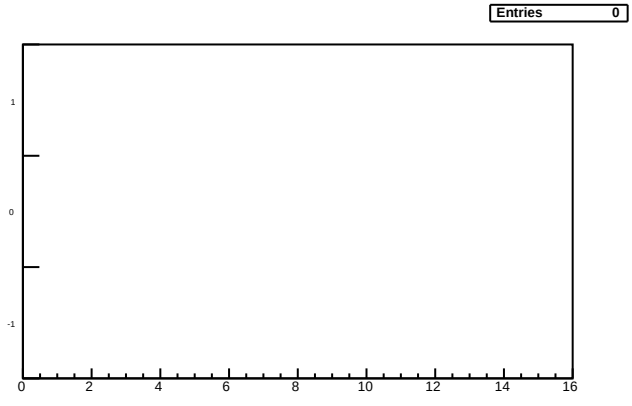
Unused
Unused


ST201 0-15 (ch6)
Entries 2.416e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bas
Random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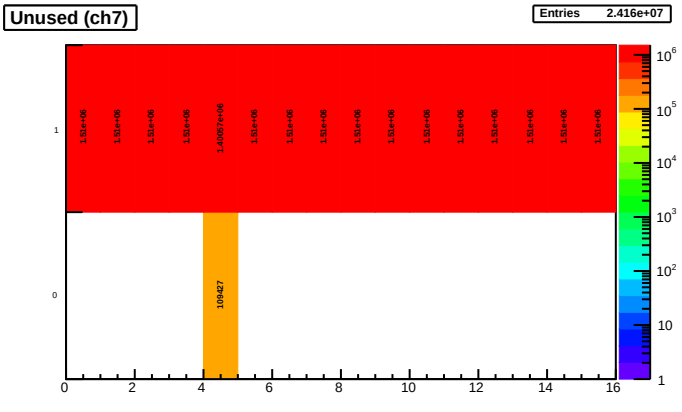
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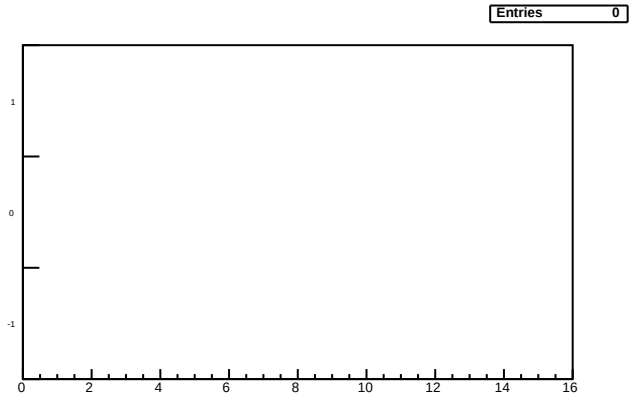
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