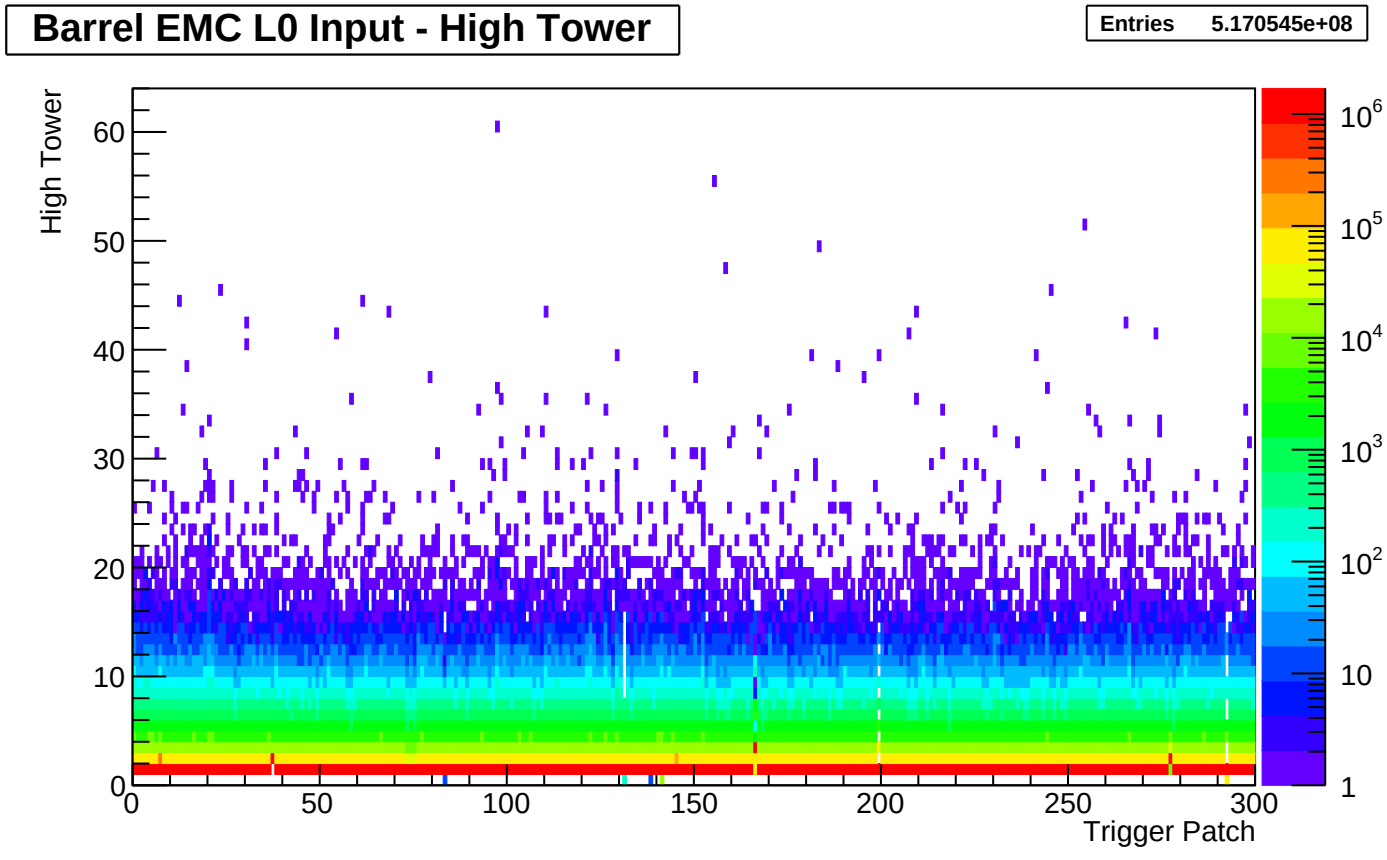
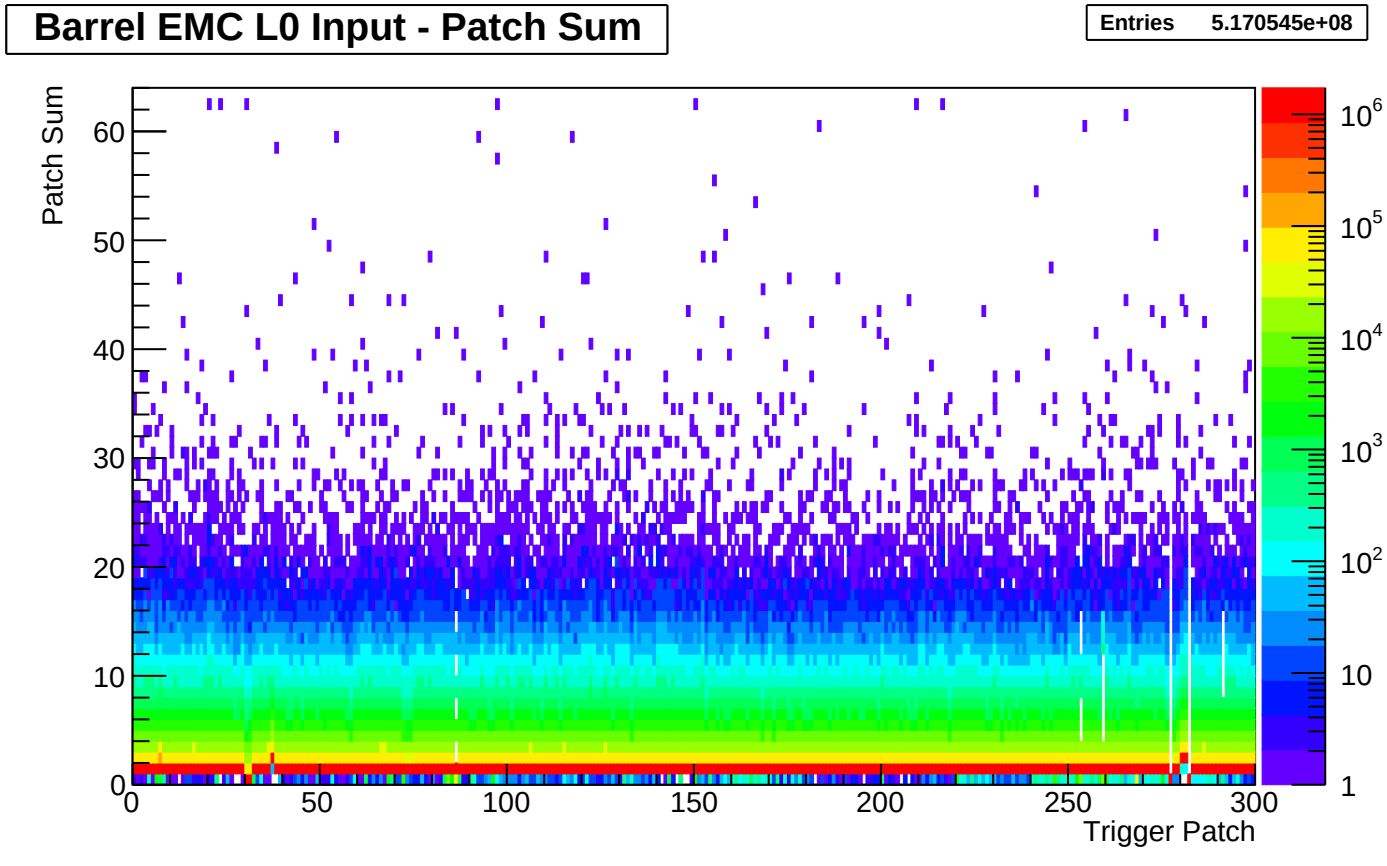
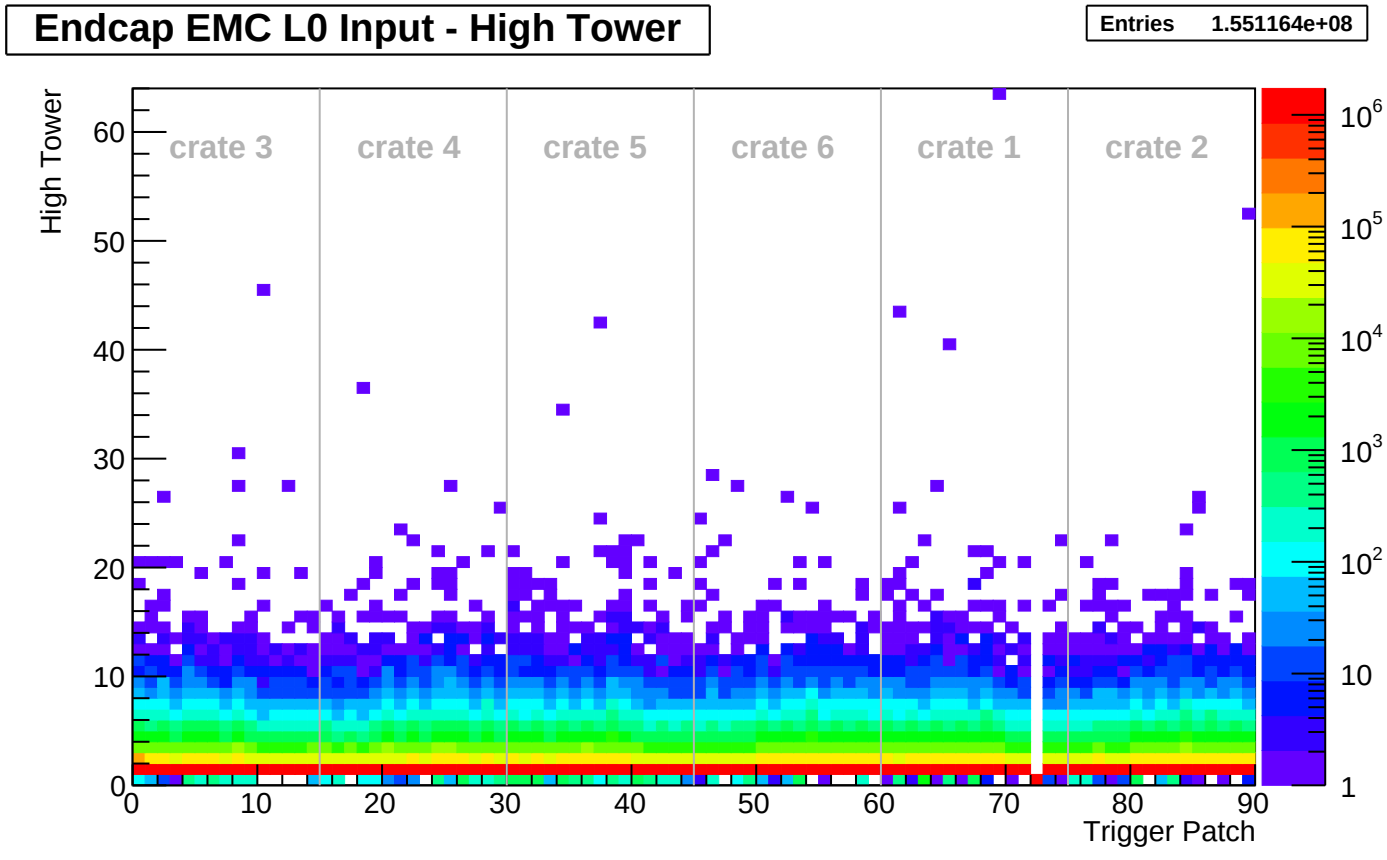
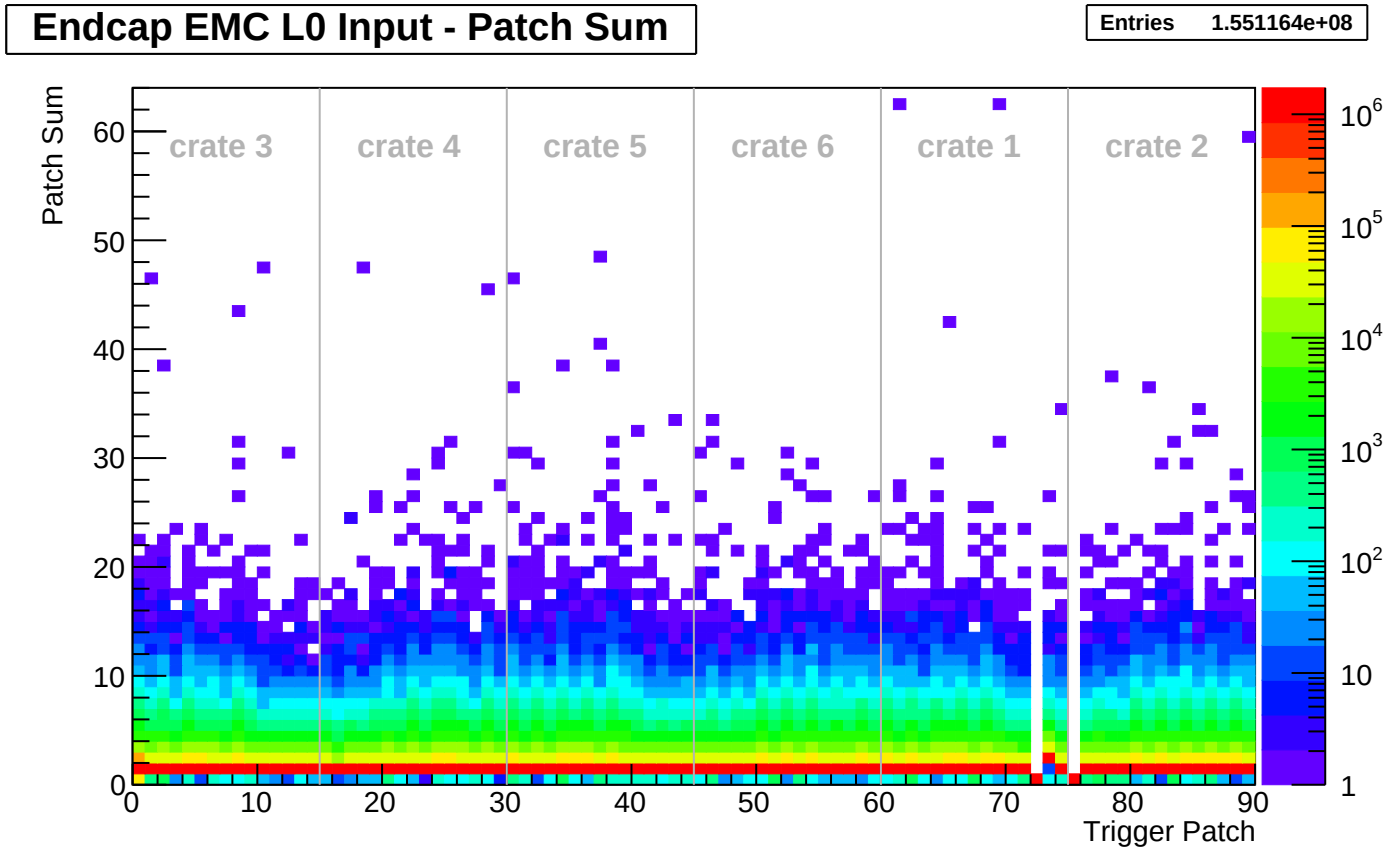
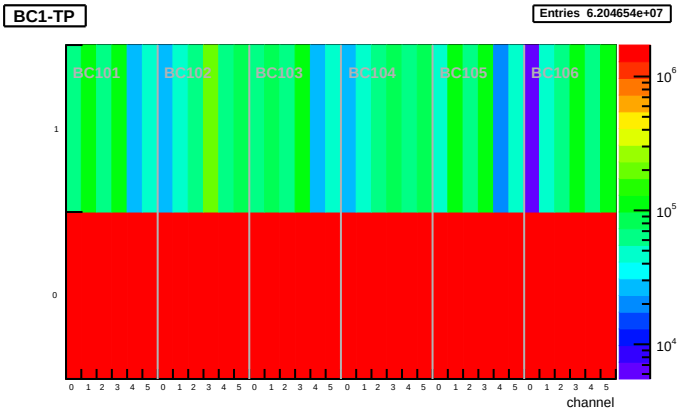
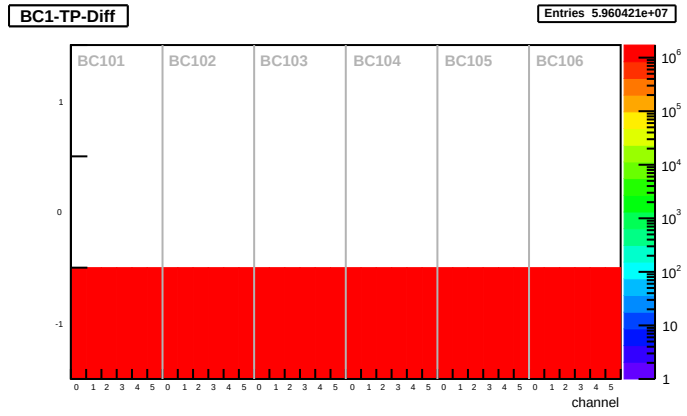

Barrel EMC L0 Input - High Tower
Entries 5.170545e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

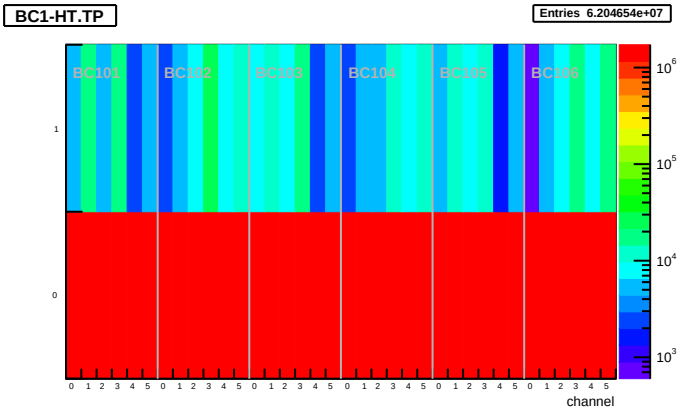

Barrel EMC L0 Input - Patch Sum
Entries 5.170545e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

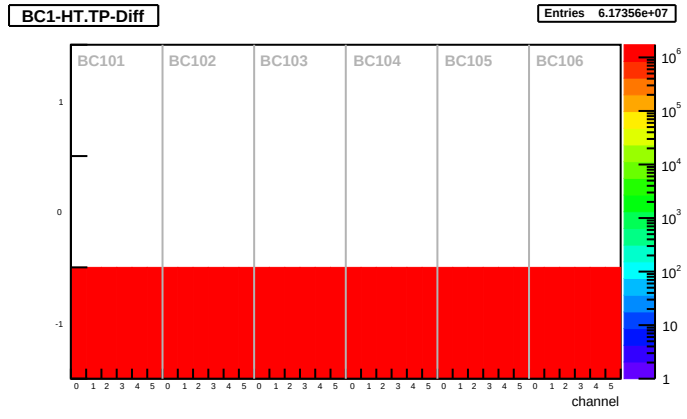

Endcap EMC L0 Input - High Tower
Entries 1.551164e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

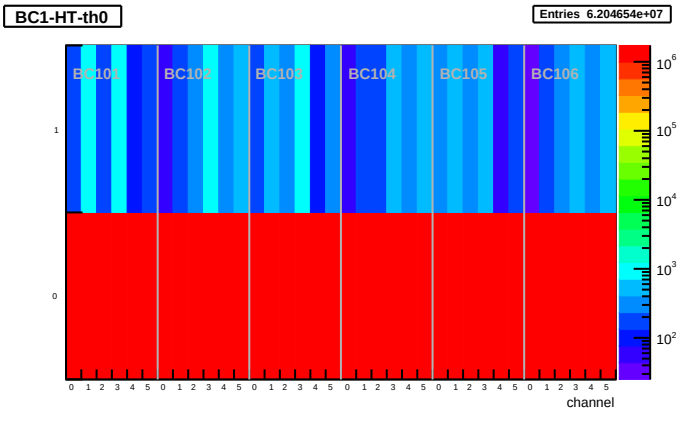

Endcap EMC L0 Input - Patch Sum
Entries 1.551164e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

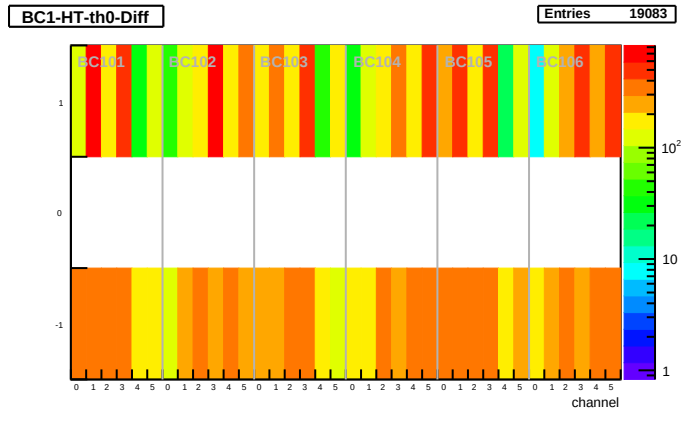

BC1-TP
Entries 6.204654e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

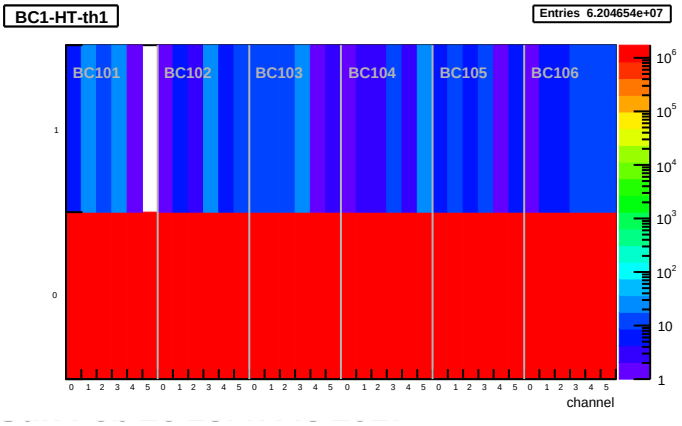

BC1-TP-Diff
Entries 5.960421e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

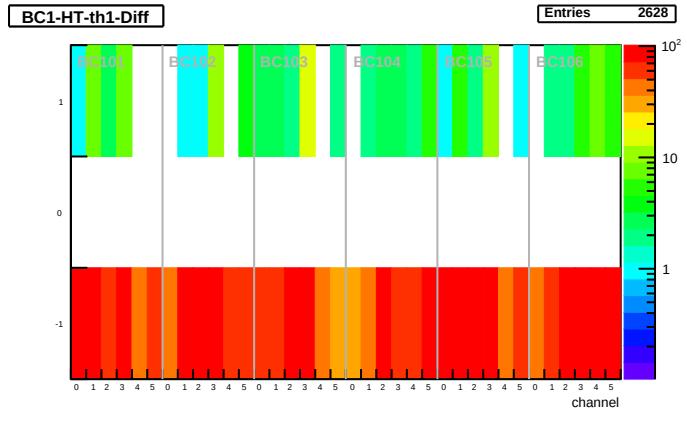

BC1-HT.TP
Entries 6.204654e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

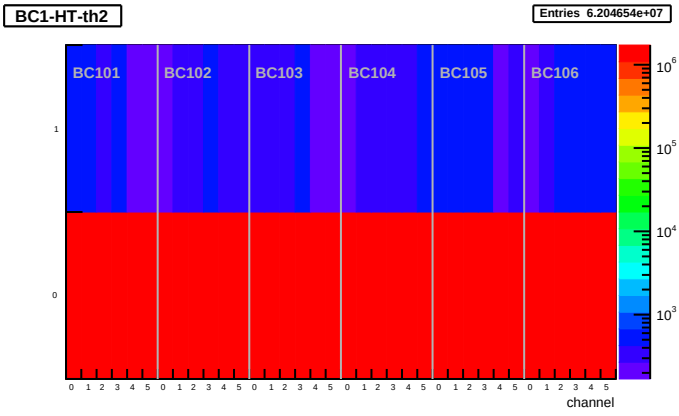

BC1-HT.TP-Diff
Entries 6.17356e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

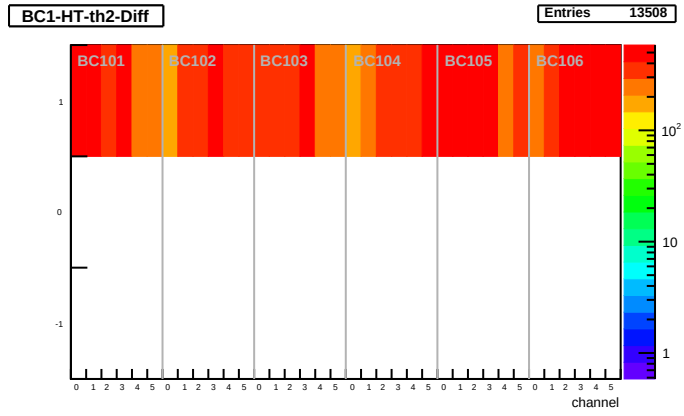

BC1-HT-th0
Entries 6.204654e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

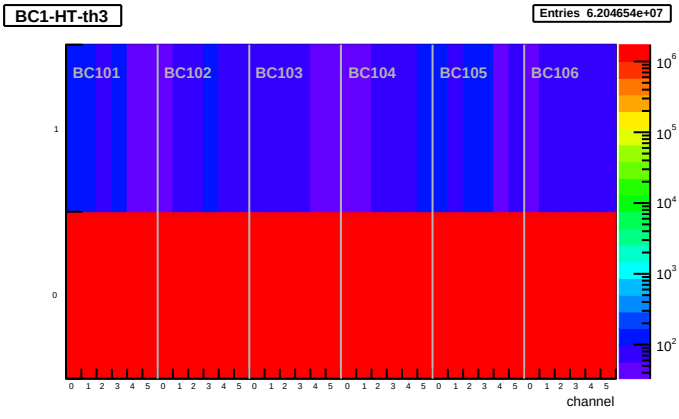

BC1-HT-th0-Diff
Entries 19083
BC101
BC102
BC103
BC104
BC105
BC106
channel

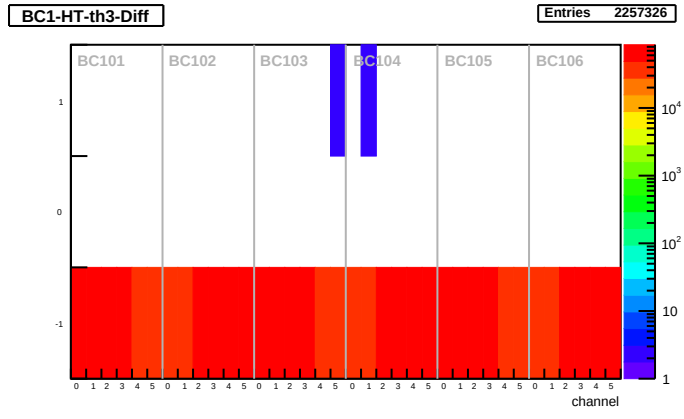

BC1-HT-th1
Entries 6.204654e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

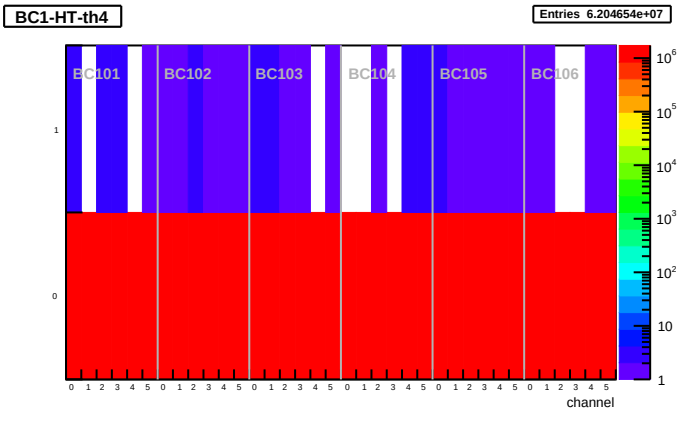

BC1-HT-th1-Diff
Entries 2628
BC101
BC102
BC103
BC104
BC105
BC106
channel

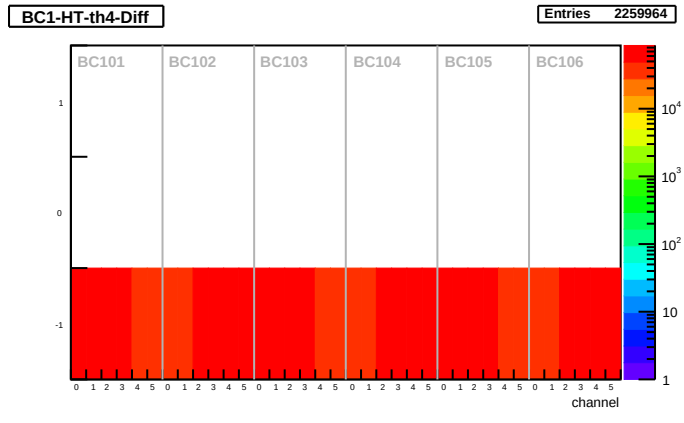

BC1-HT-th2
Entries 6.204654e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

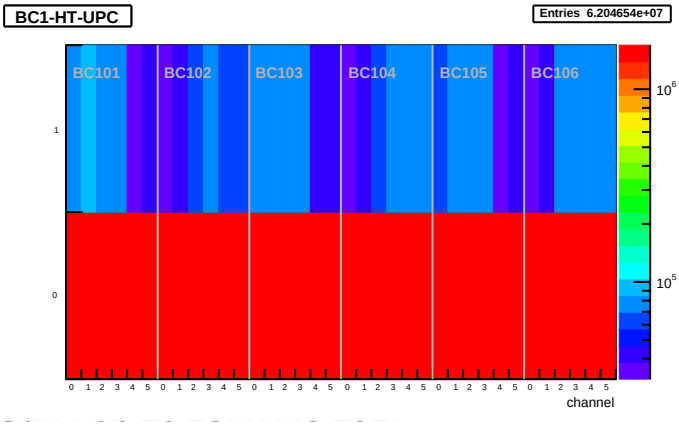

BC1-HT-th2-Diff
Entries 13508
BC101
BC102
BC103
BC104
BC105
BC106
channel

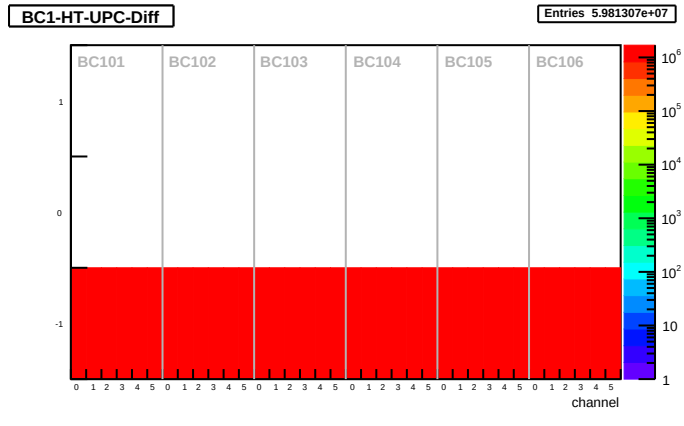

BC1-HT-th3
Entries 6.204654e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

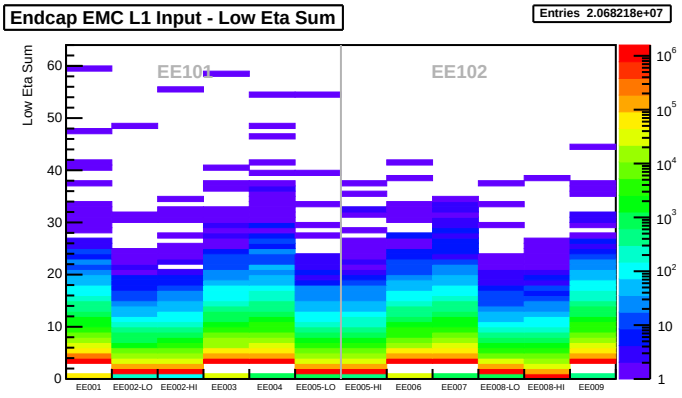

BC1-HT-th3-Diff
Entries 2257326
BC101
BC102
BC103
BC104
BC105
BC106
channel

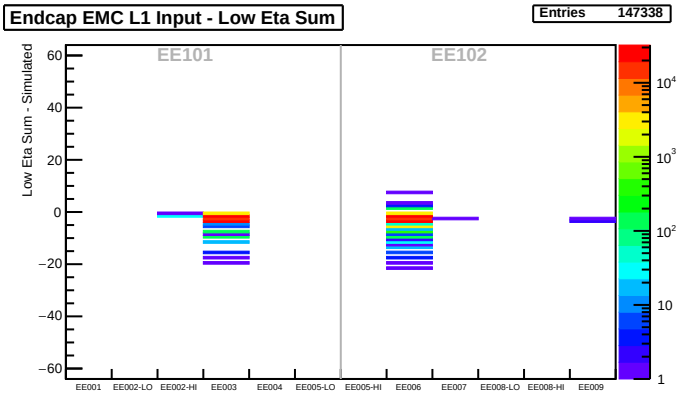

BC1-HT-th4
Entries 6.204654e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

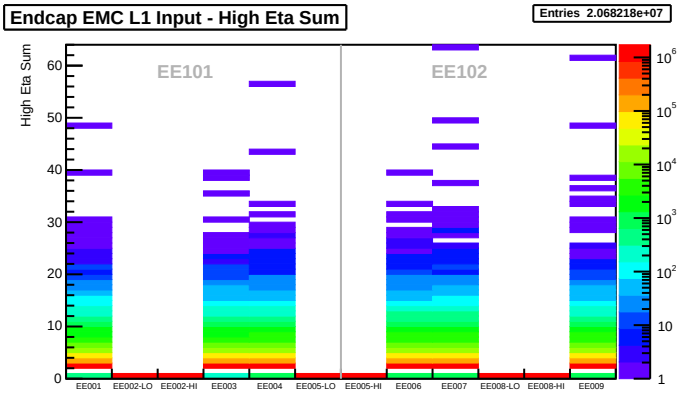

BC1-HT-th4-Diff
Entries 2259964
BC101
BC102
BC103
BC104
BC105
BC106
channel

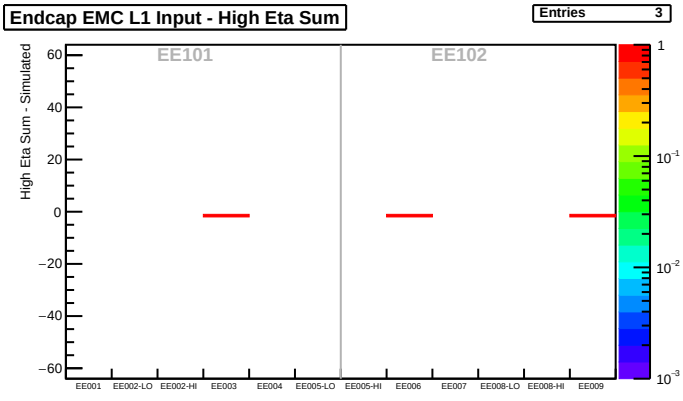

BC1-HT-UPC
Entries 6.204654e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

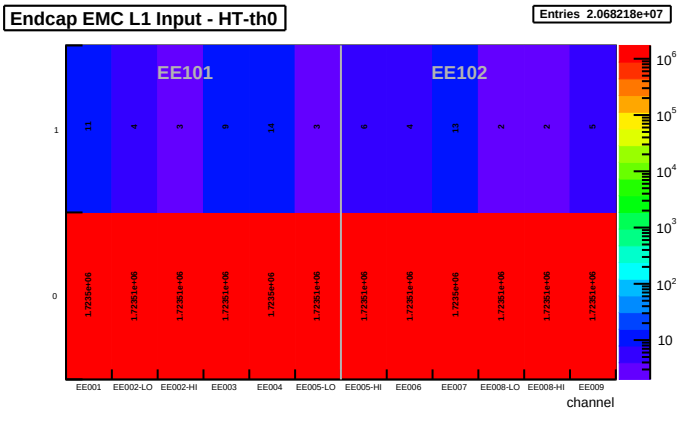

BC1-HT-UPC-Diff
Entries 5.981307e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

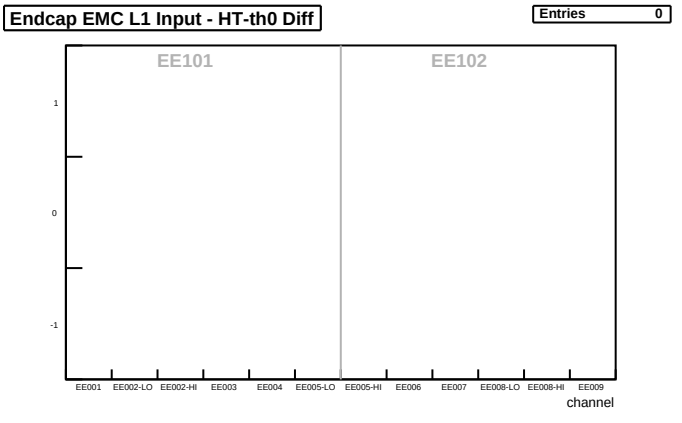

Endcap EMC L1 Input - Low Eta Sum
Entries 2.068218e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

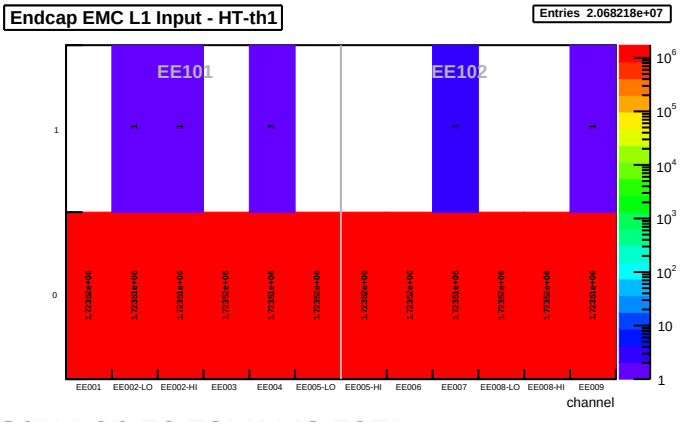

Endcap EMC L1 Input - Low Eta Sum
Entries 147338
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

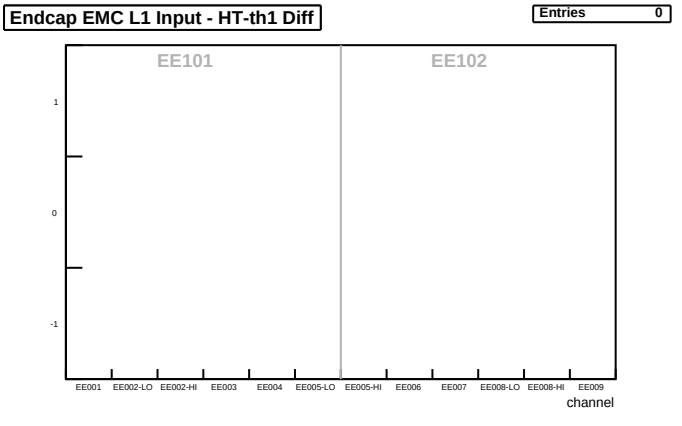

Endcap EMC L1 Input - High Eta Sum
Entries 2.068218e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

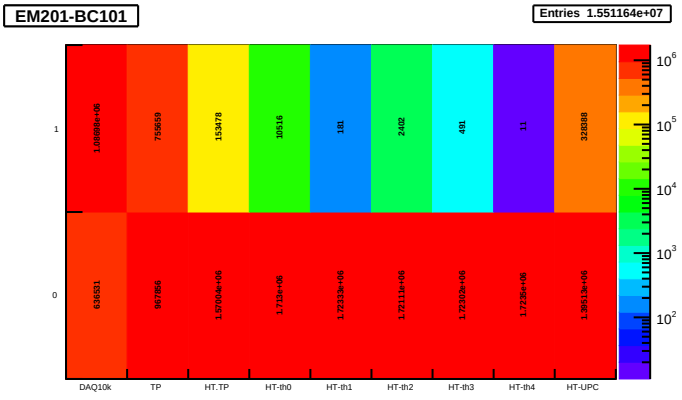

Endcap EMC L1 Input - High Eta Sum
Entries 3
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

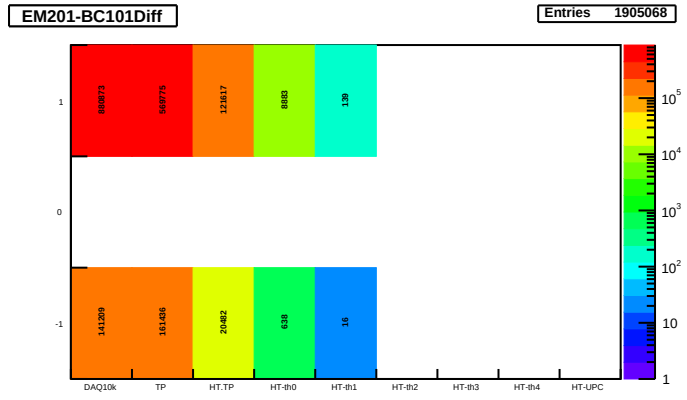

Endcap EMC L1 Input - HT-th0
Entries 2.068218e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

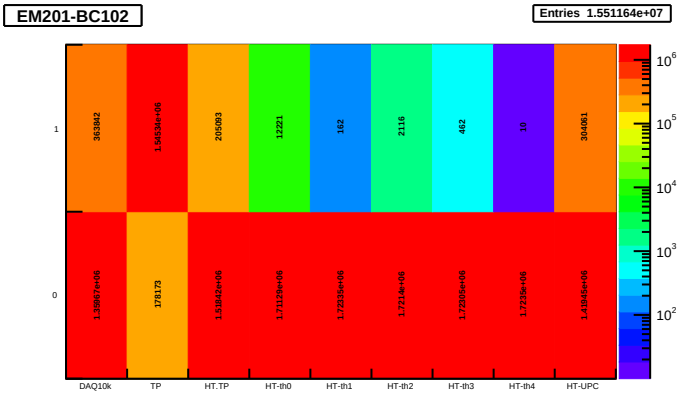

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

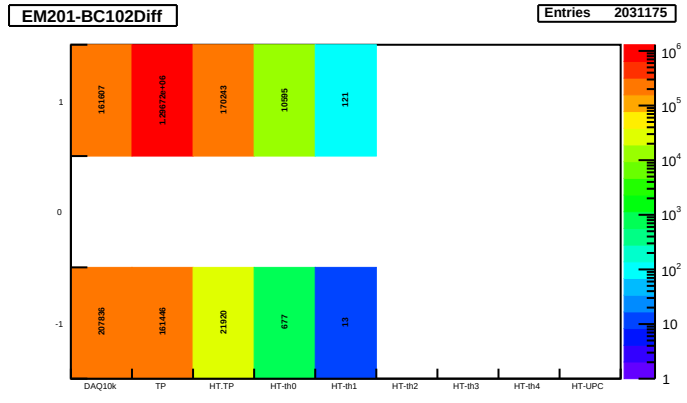

Endcap EMC L1 Input - HT-th1
Entries 2.068218e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

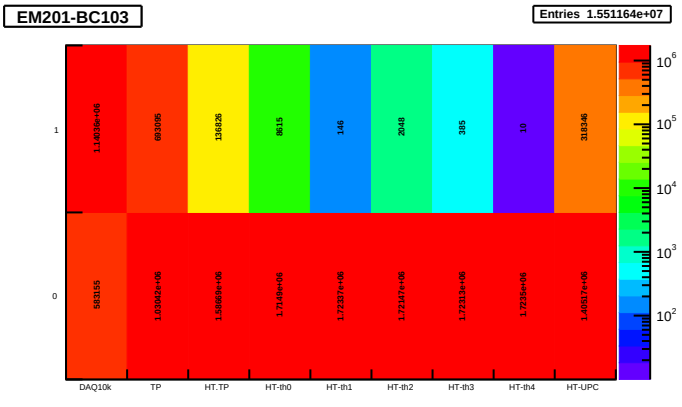

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

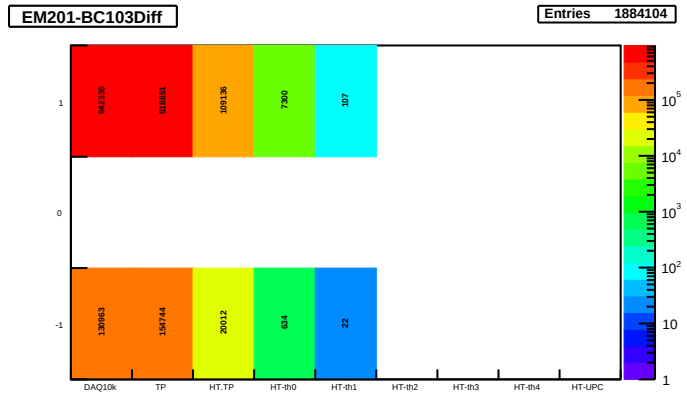

EM201-BC101
Entries 1.551164e+07
1.09898e+06 755659 153478 10516 181 2402 491 11 328888
636831 967856 1.52004e+06 1.734e+06 1.72333e+06 1.72111e+06 1.72302e+06 1.7235e+06 1.38513e+06
1 0
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^6 10^5 10^4 10^3 10^2

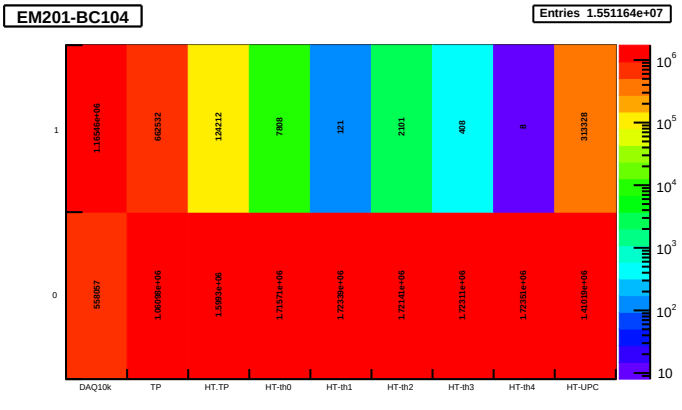

EM201-BC101Diff
Entries 1905068
880873 569775 121617 8883 139
141209 161436 20482 638 16
1 0 -1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5 10^4 10^3 10^2 10 1

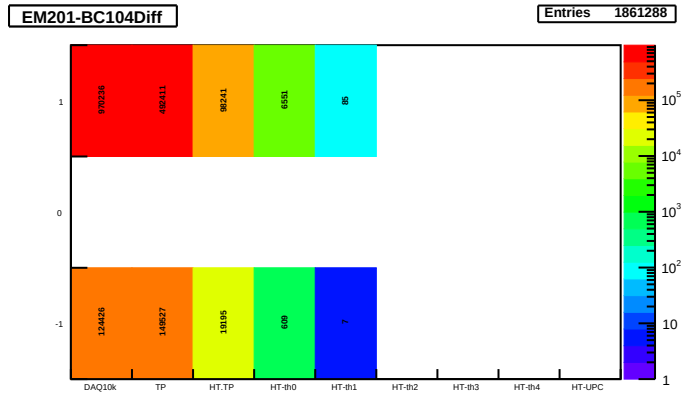

EM201-BC102
Entries 1.551164e+07
363842 1.54534e+06 205093 12221 182 2116 462 10 304061
1.39967e+06 178173 1.51942e+06 1.71129e+06 1.72335e+06 1.7214e+06 1.72305e+06 1.7235e+06 1.41945e+06
1 0
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^6 10^5 10^4 10^3 10^2


EM201-BC102Diff
Entries 2031175
161607 1.29572e+06 170343 10995 121
207836 161446 21920 677 13
1 0 -1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^6 10^5 10^4 10^3 10^2 10 1

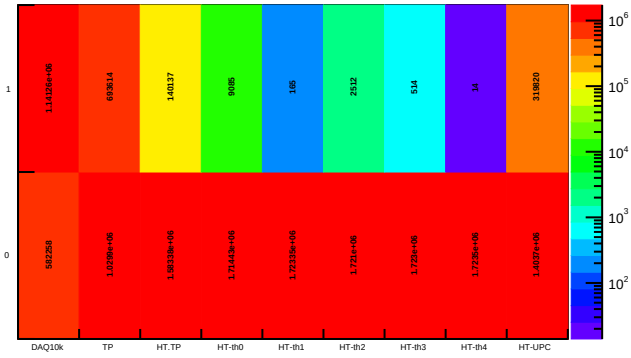

EM201-BC103
Entries 1.551164e+07
1.14039e+06 693095 136826 8615 146 2048 385 10 318346
583155 1.03042e+06 1.58869e+06 1.7149e+06 1.72337e+06 1.72147e+06 1.72333e+06 1.7235e+06 1.40537e+06
1 0
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^6 10^5 10^4 10^3 10^2


EM201-BC103Diff
Entries 1884104
942335 518831 109136 7300 107
130963 154744 20012 634 22
1 0 -1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5 10^4 10^3 10^2 10 1

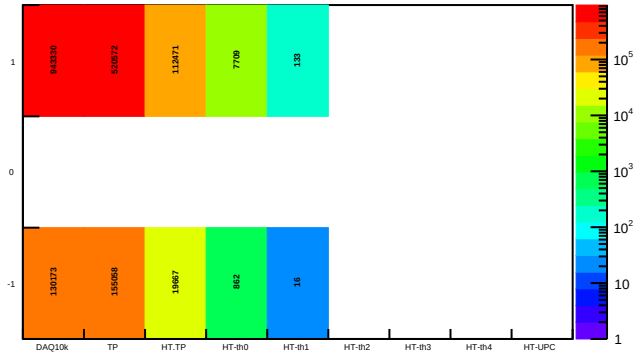

EM201-BC104
Entries 1.551164e+07
1.16546e+06 662532 124212 7808 121 2101 408 8 313328
558057 1.06088e+06 1.5093e+06 1.71571e+06 1.72338e+06 1.72141e+06 1.72311e+06 1.72331e+06 1.41032e+06
1 0
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^6 10^5 10^4 10^3 10^2 10


EM201-BC104Diff
Entries 1861288
970236 492411 98241 6551 85
124426 149527 19195 609 7
1 0 -1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5 10^4 10^3 10^2 10 1

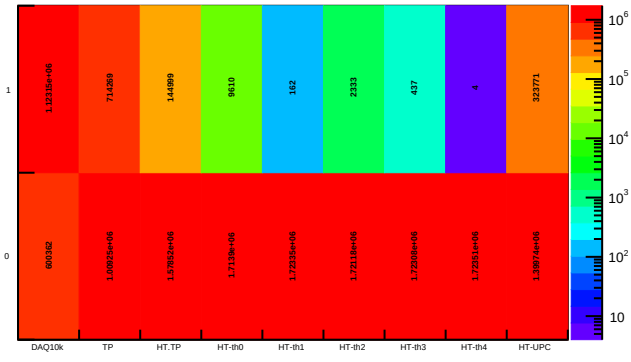
EM201-BC105 Entries 1.551164e+07



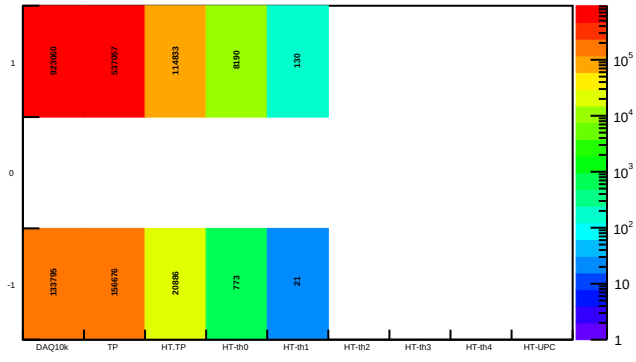
EM201-BC105Diff Entries 1889991



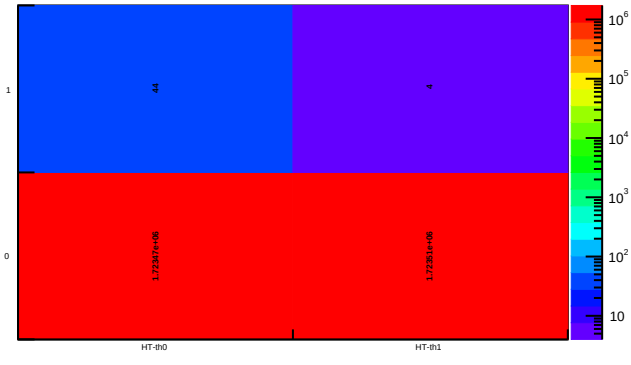
EM201-BC106 Entries 1.551164e+07



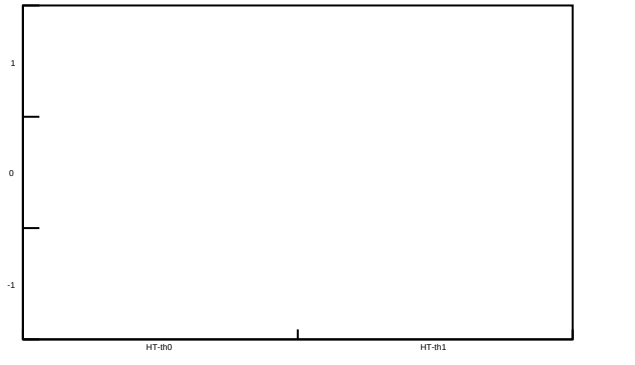
EM201-BC106Diff Entries 1895421



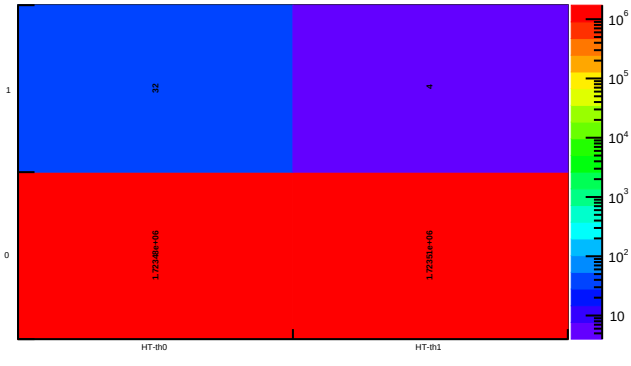
EM201-EE101 Entries 3447030



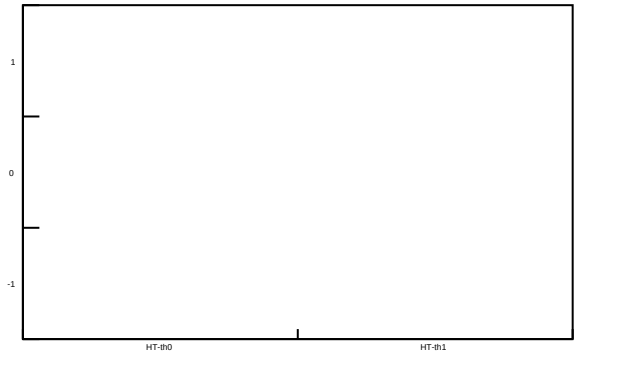
EM201-EE101Diff Entries 0

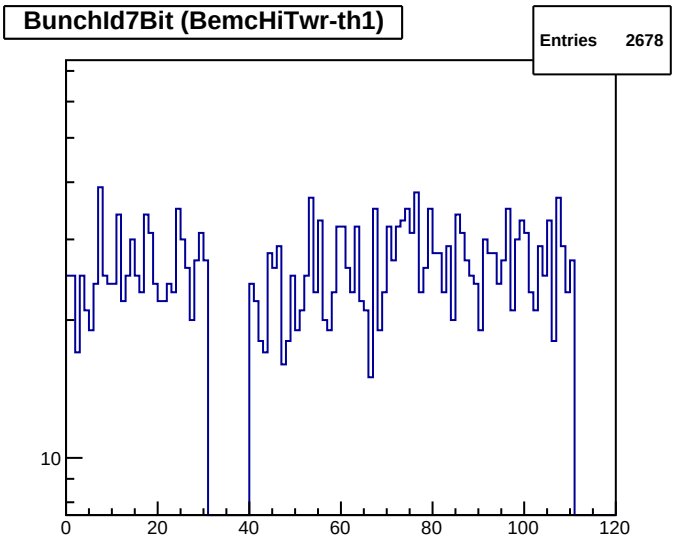


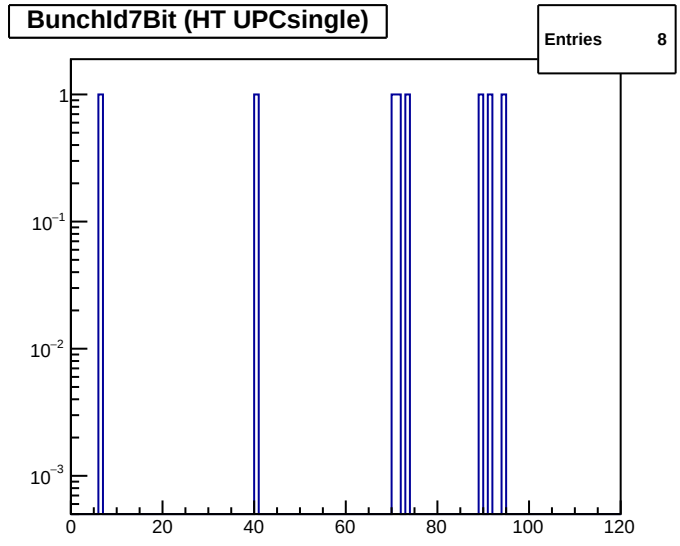
EM201-EE102 Entries 3447030

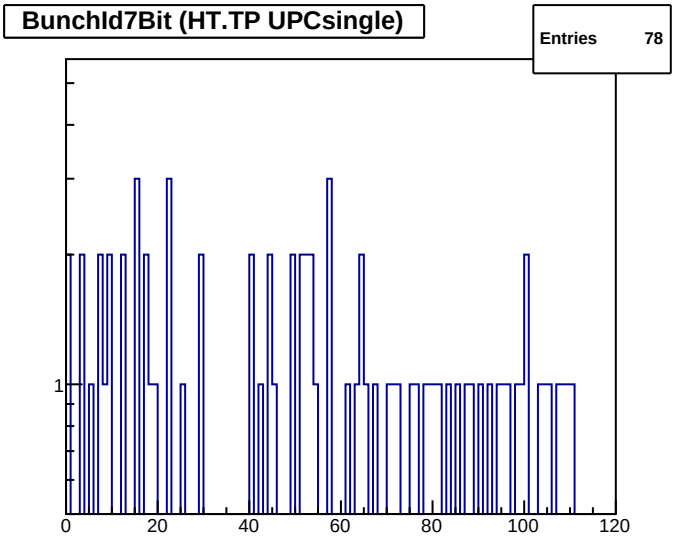


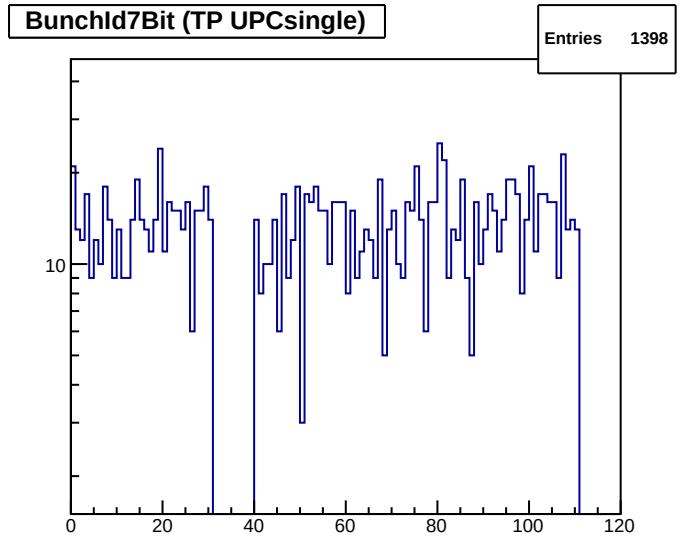
EM201-EE102Diff Entries 0

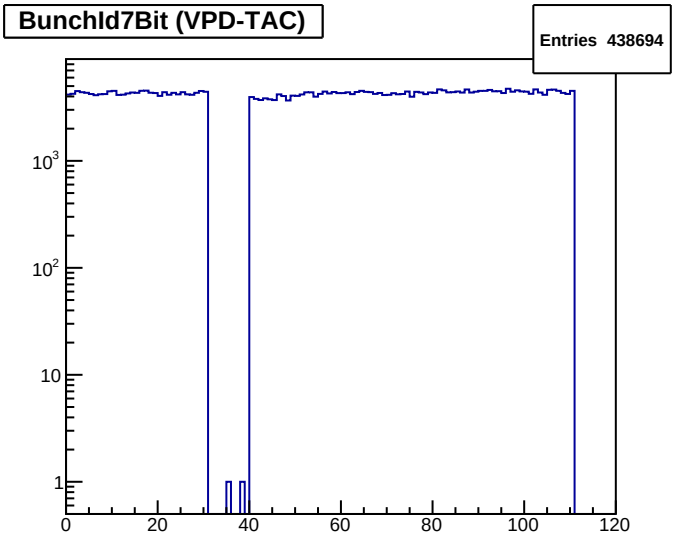


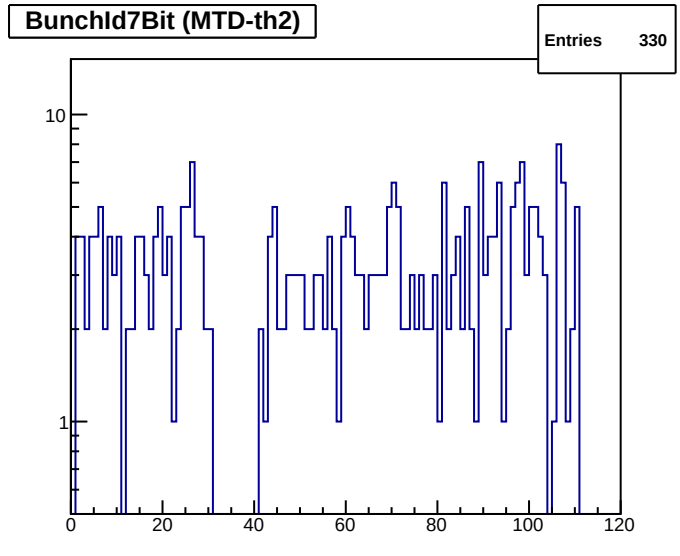

BunchId7Bit (BemcHiTwr-th1)
Entries 2678
10
0 20 40 60 80 100 120

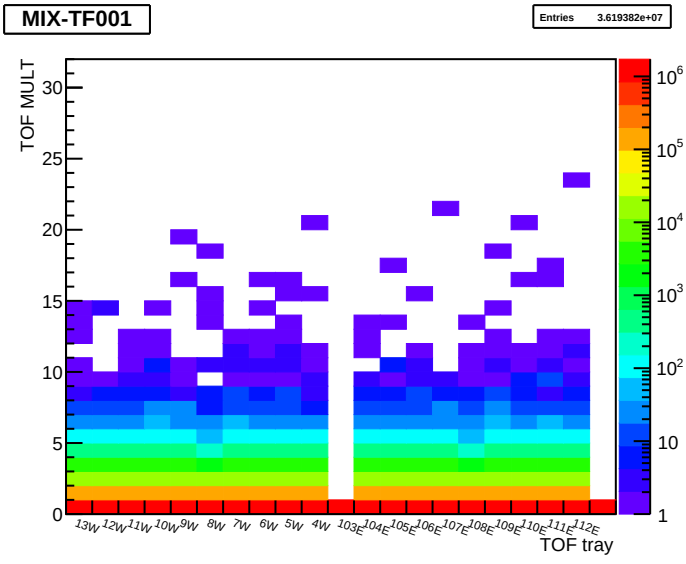

BunchId7Bit (HT UPCsingle)
Entries 8
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

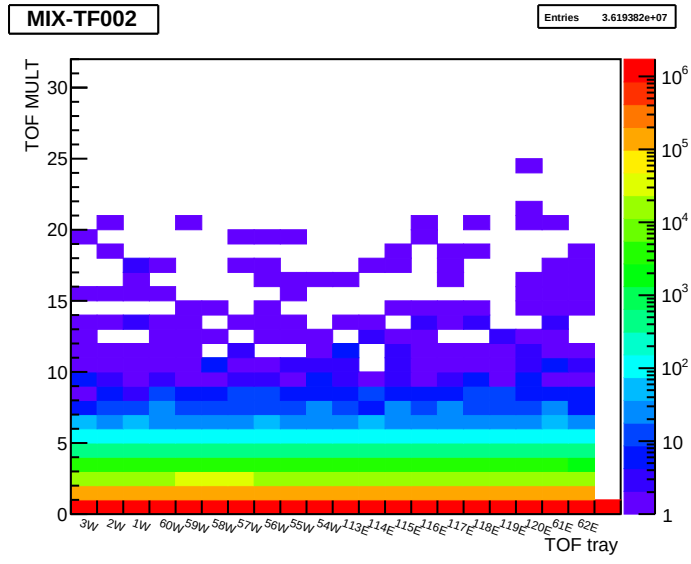

BunchId7Bit (HT.TP UPCsingle)
Entries 78
1
0 20 40 60 80 100 120

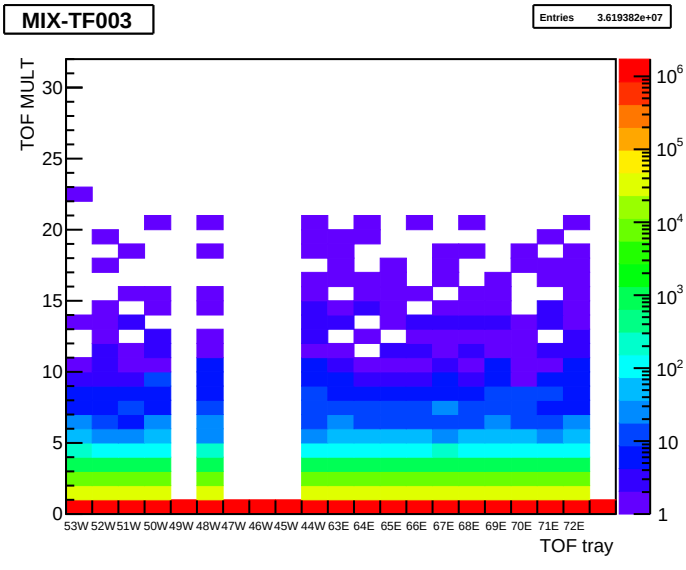

BunchId7Bit (TP UPCsingle)
Entries 1398
10
0 20 40 60 80 100 120

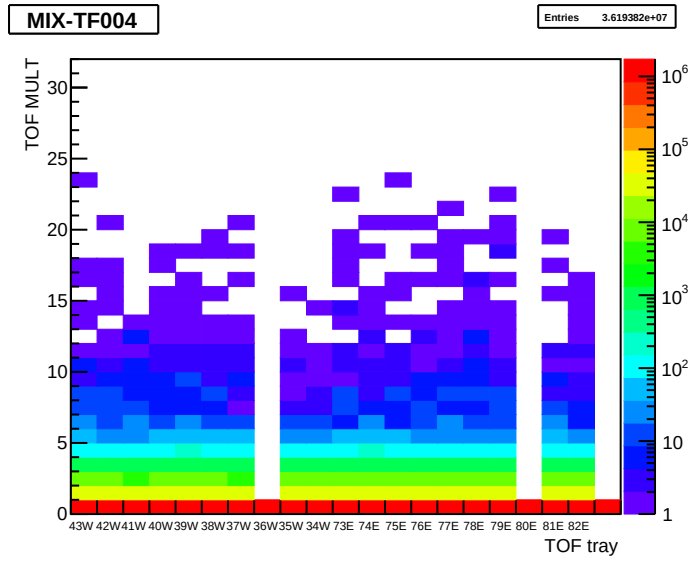

BunchId7Bit (VPD-TAC)
Entries 438694
10^3
10^2
10
1
0 20 40 60 80 100 120

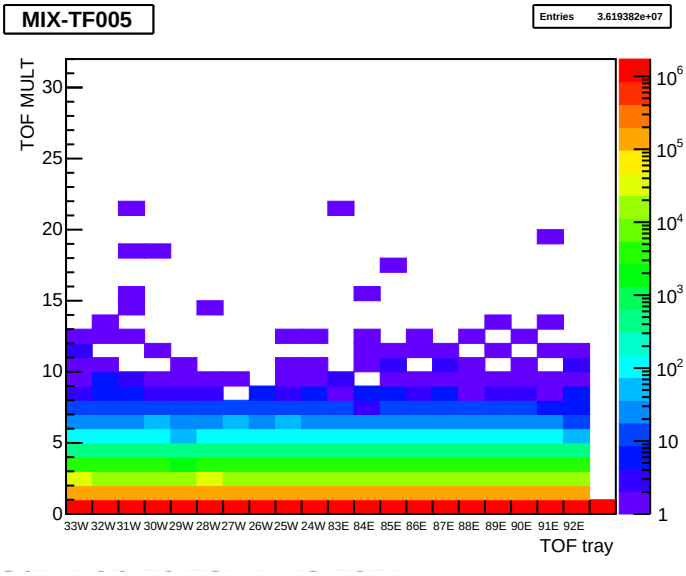

BunchId7Bit (MTD-th2)
Entries 330
10
1
0 20 40 60 80 100 120

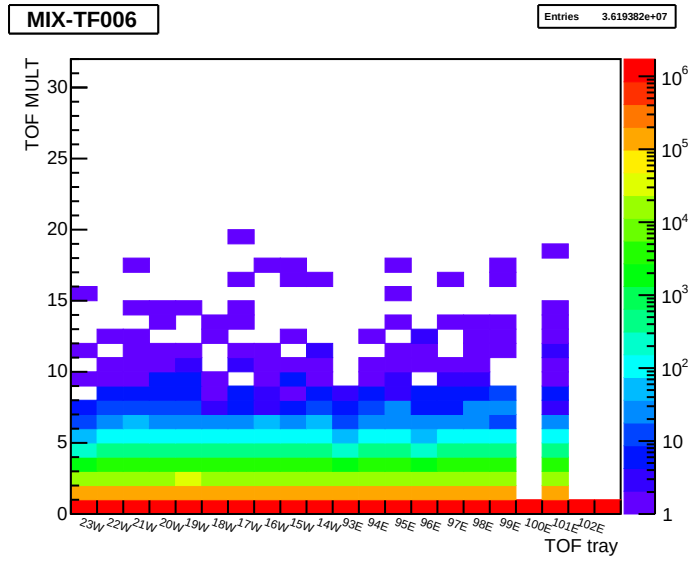

MIX-TF001
Entries 3.619382e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

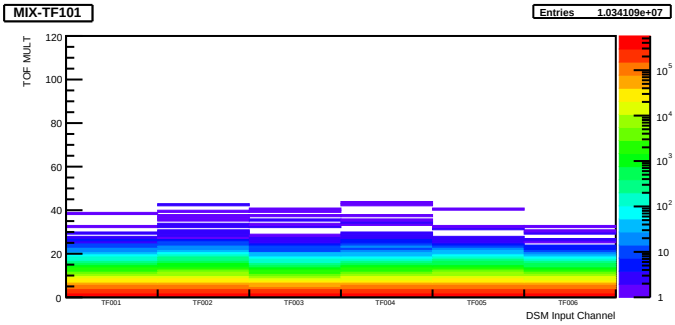

MIX-TF002
Entries 3.619382e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

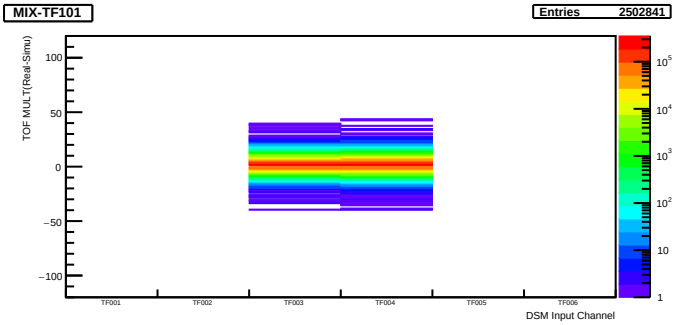

MIX-TF003
Entries 3.619382e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

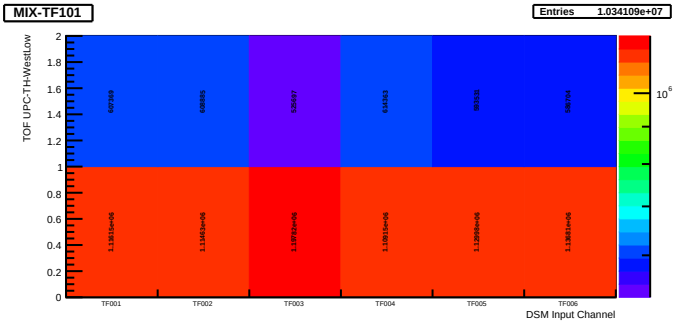

MIX-TF004
Entries 3.619382e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

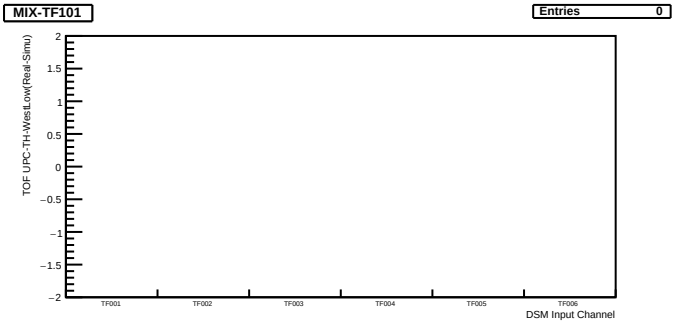

MIX-TF005
Entries 3.619382e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

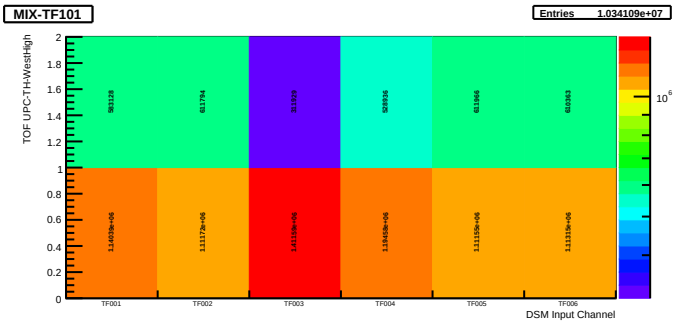

MIX-TF006
Entries 3.619382e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

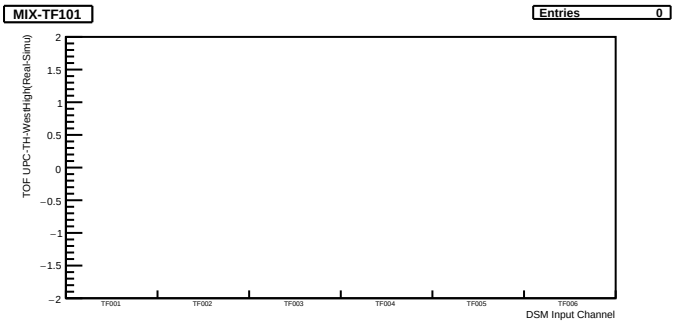

MIX-TF101
Entries 1.034109e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

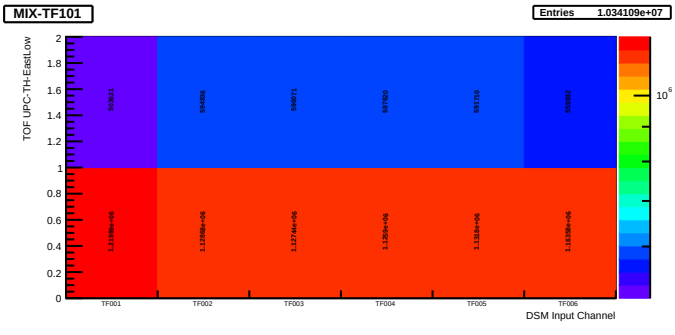

MIX-TF101
Entries 2502841
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

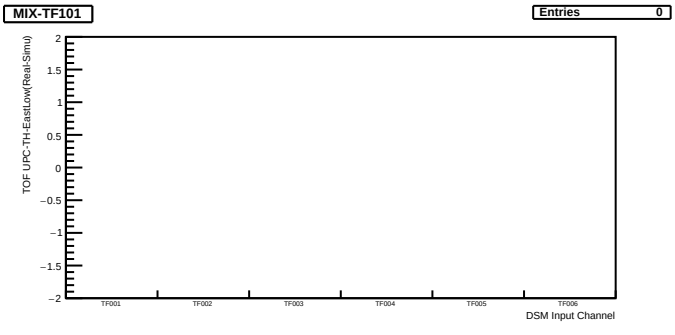

MIX-TF101
Entries 1.034109e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

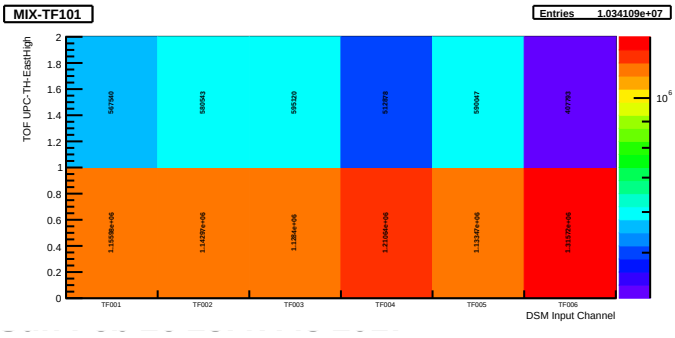

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

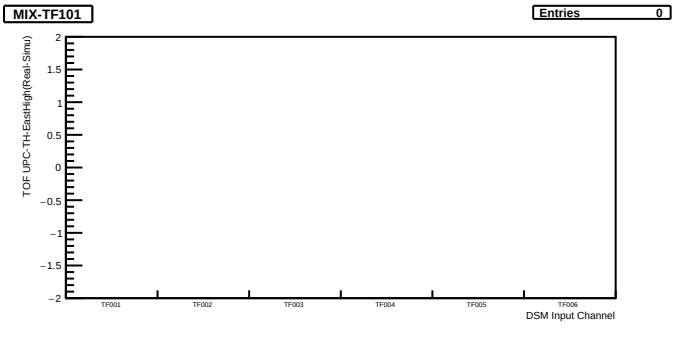

MIX-TF101
Entries 1.034109e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

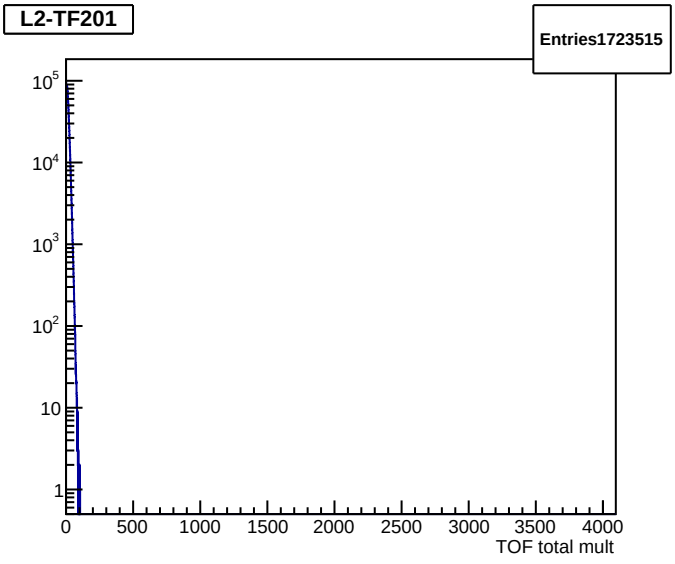

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

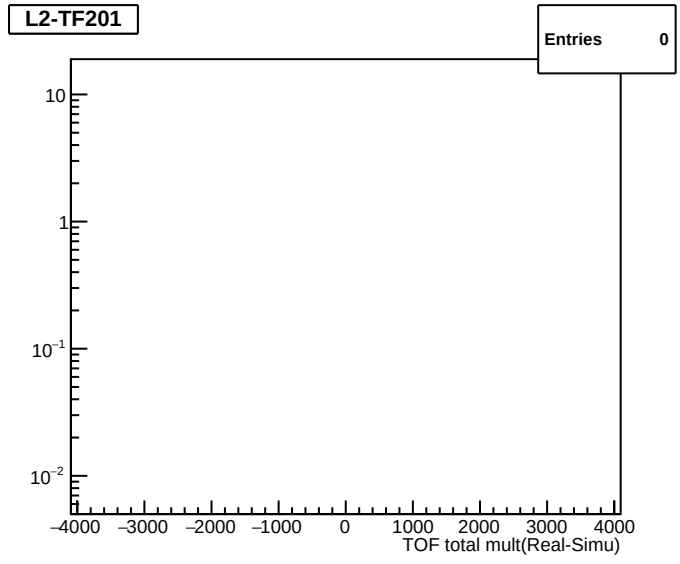

MIX-TF101
Entries 1.034109e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

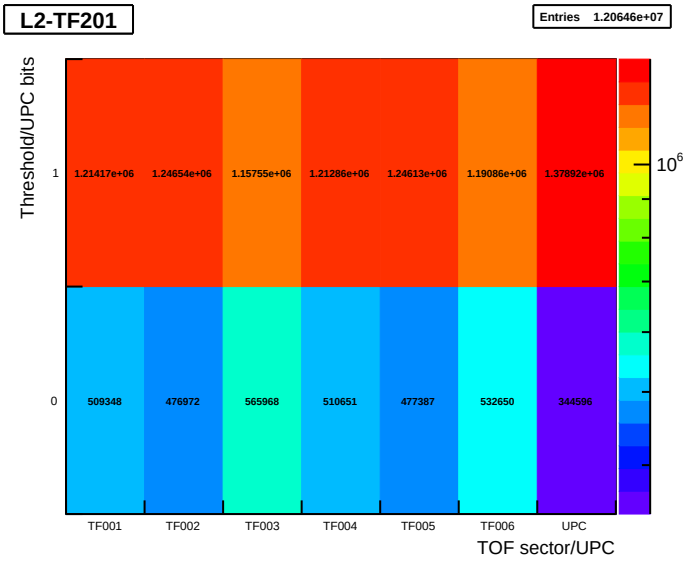

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

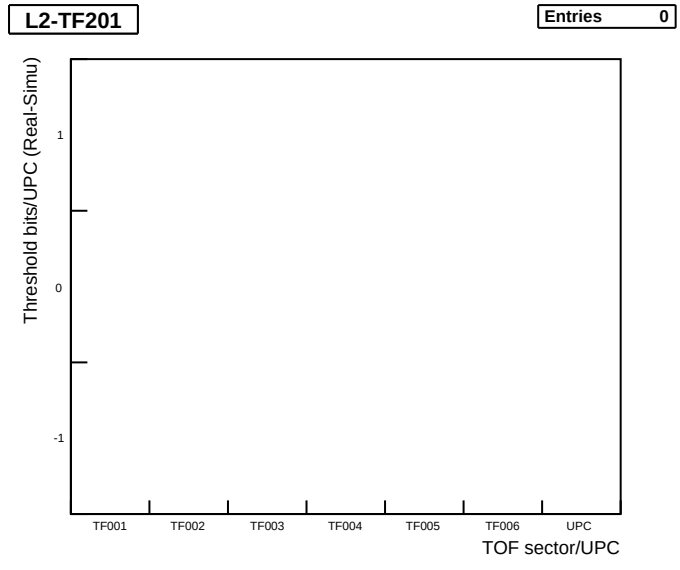

MIX-TF101
Entries 1.034109e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

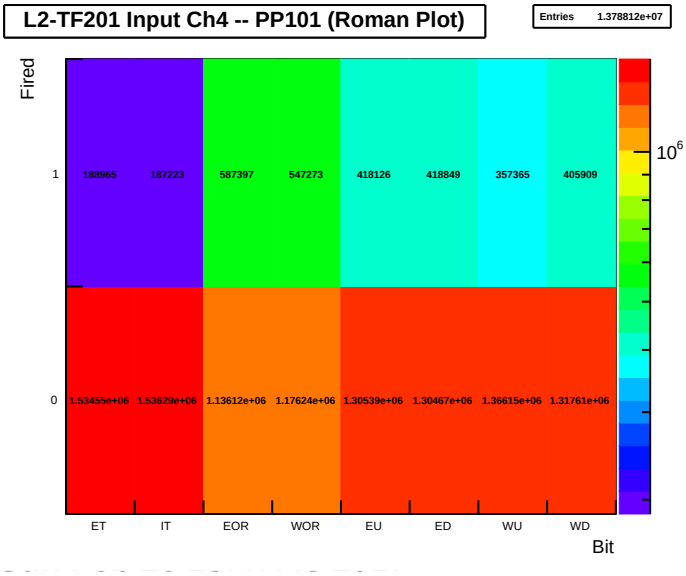

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

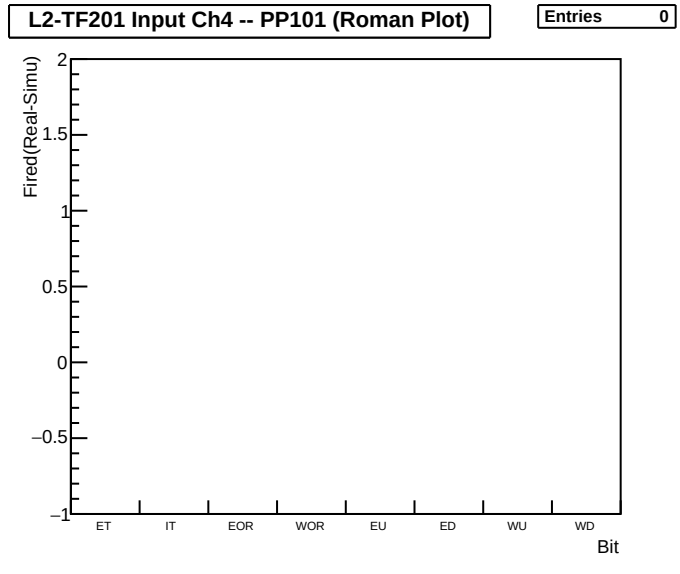

L2-TF201
Entries1723515
TOF total mult

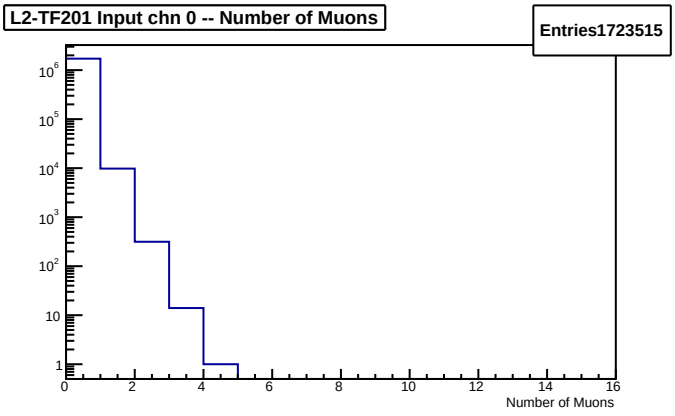

L2-TF201
Entries 0
TOF total mult(Real-Simu)

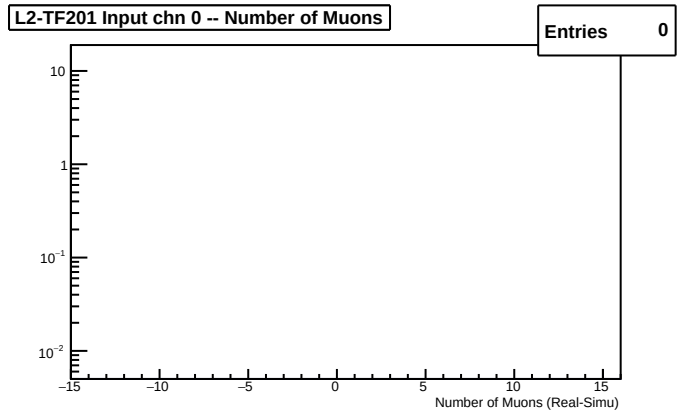

L2-TF201
Entries 1.20646e+07
Threshold/UPC bits
1.21417e+06
1.24654e+06
1.15755e+06
1.21286e+06
1.24613e+06
1.19086e+06
1.37892e+06
509348
476972
565968
510651
477387
532650
344596
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

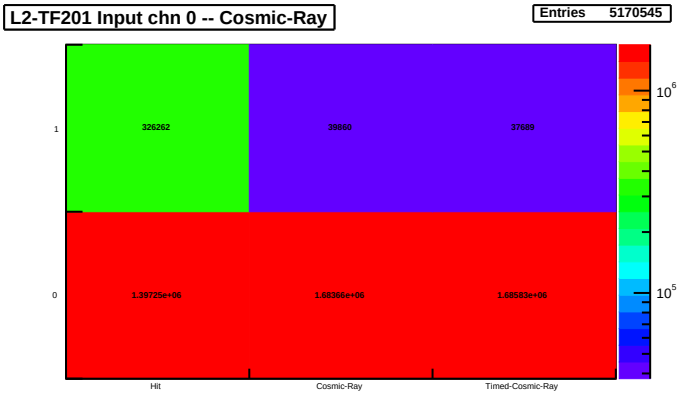

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

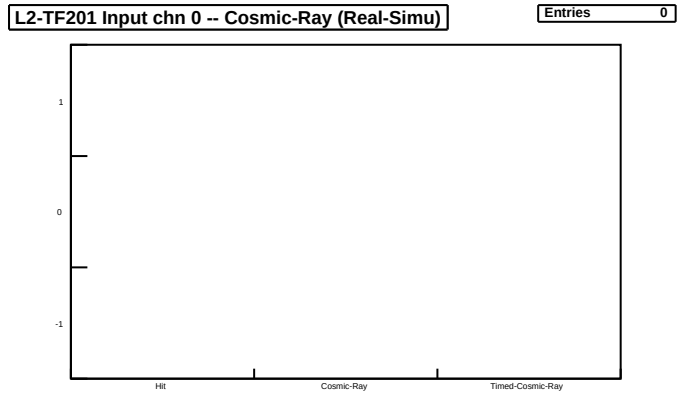

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.378812e+07
Fired
188965
187223
587397
547273
418126
418849
357365
405909
1.53455e+06
1.53629e+06
1.13612e+06
1.17624e+06
1.30539e+06
1.30467e+06
1.36615e+06
1.31761e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

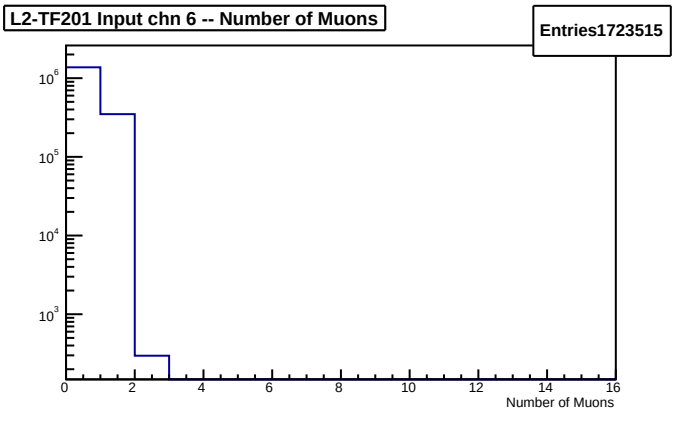

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

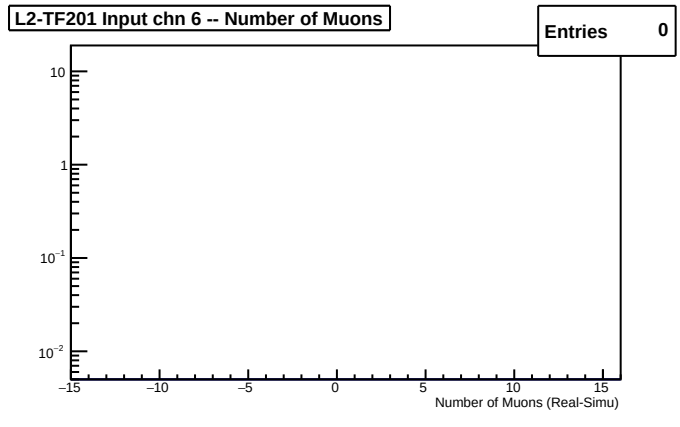

L2-TF201 Input chn 0 -- Number of Muons
Entries1723515
Number of Muons

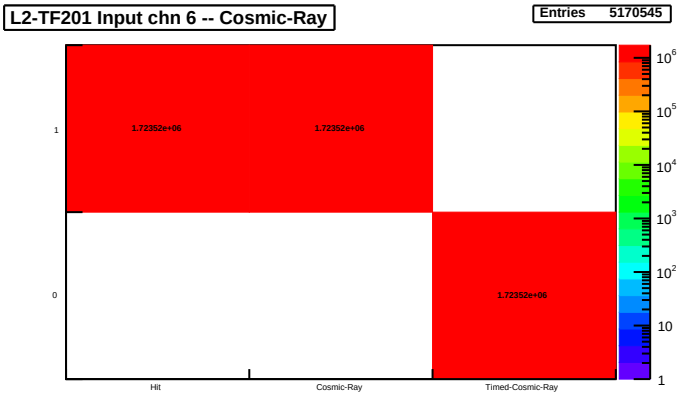

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

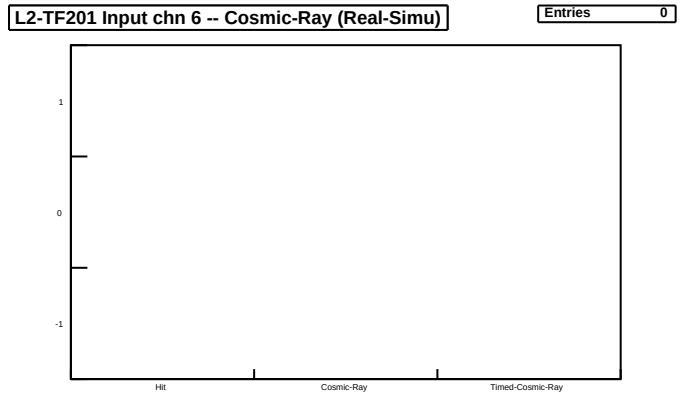

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 5170545
326262
39860
37689
1.39725e+06
1.68366e+06
1.68583e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

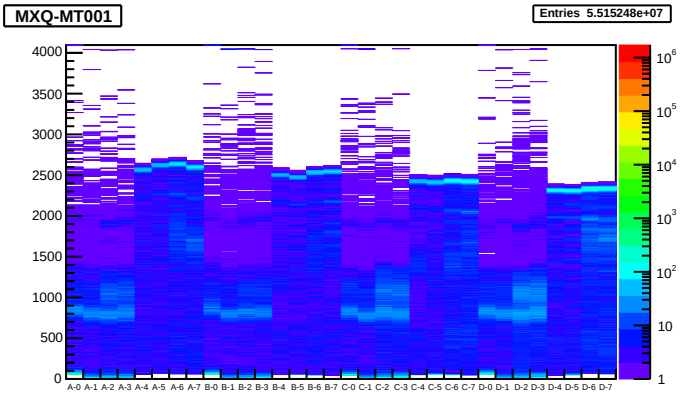

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

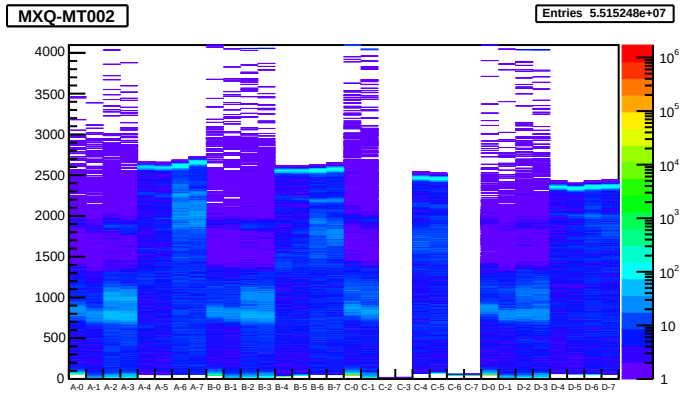

L2-TF201 Input chn 6 -- Number of Muons
Entries1723515
Number of Muons

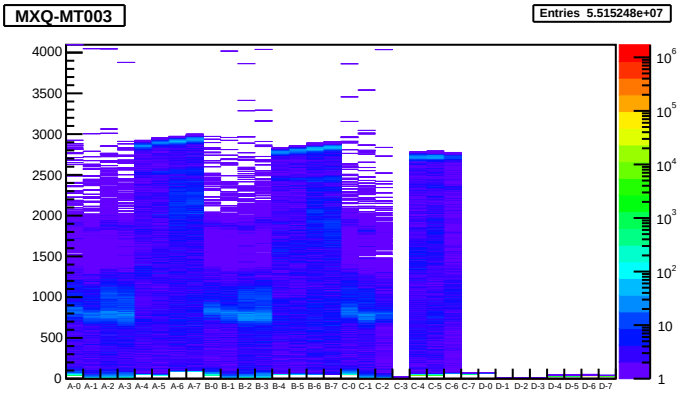

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

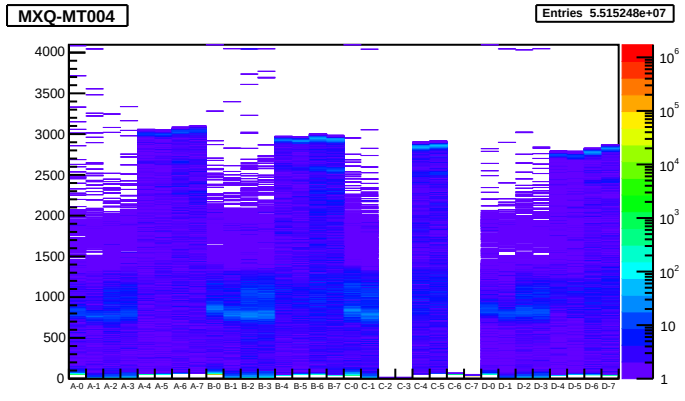

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 5170545
1.72352e+06
1.72352e+06
1.72352e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

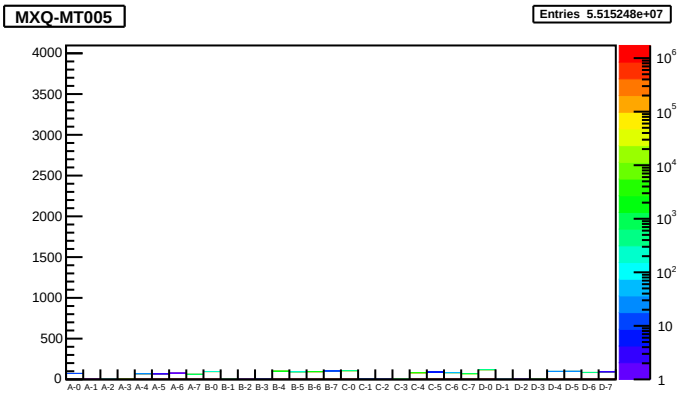

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

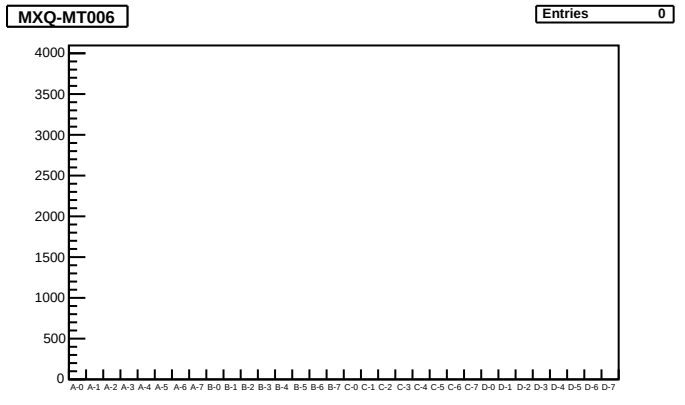

MXQ-MT001
Entries 5.515248e+07

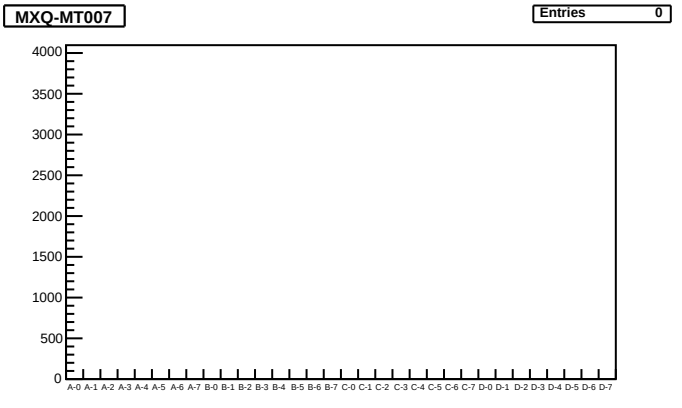

MXQ-MT002
Entries 5.515248e+07

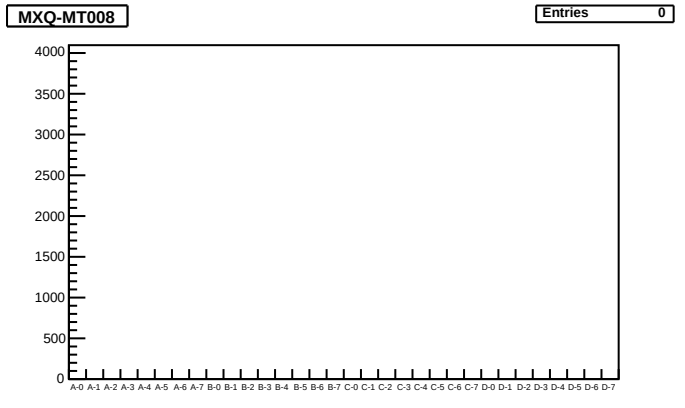

MXQ-MT003
Entries 5.515248e+07

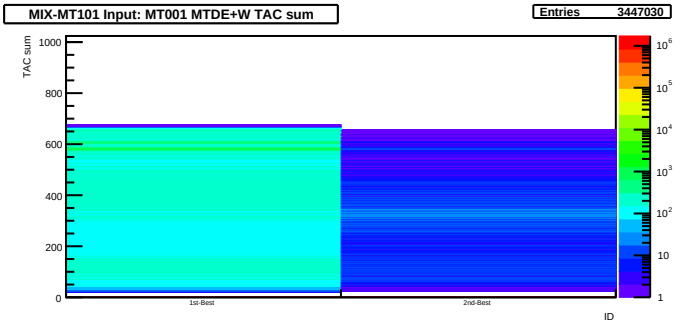

MXQ-MT004
Entries 5.515248e+07

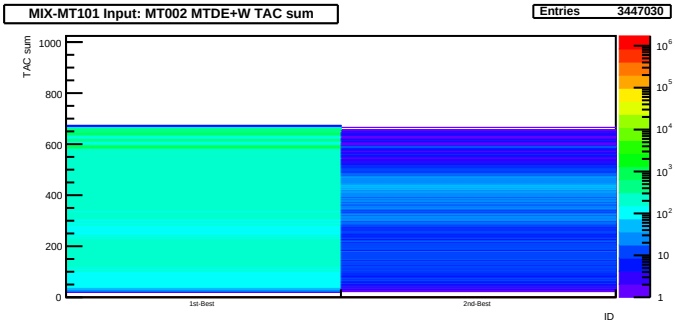

MXQ-MT005
Entries 5.515248e+07

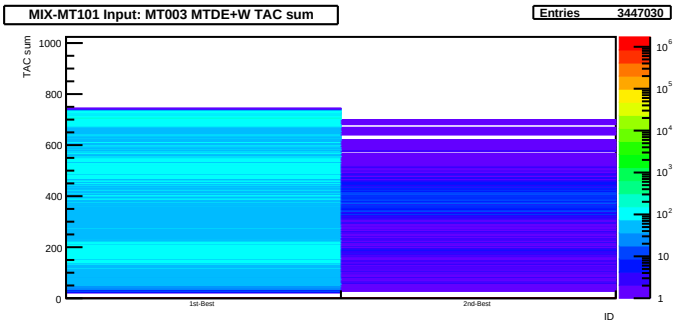

MXQ-MT006
Entries 0

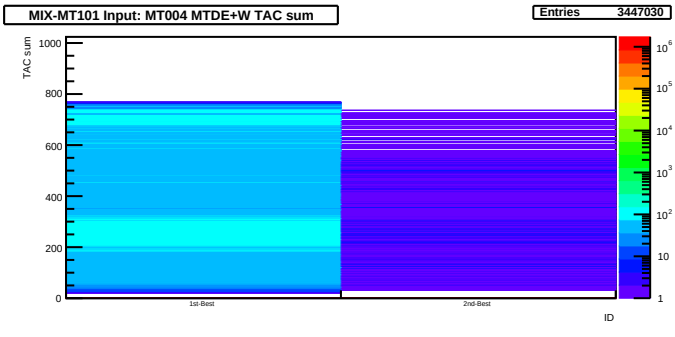

MXQ-MT007
Entries 0

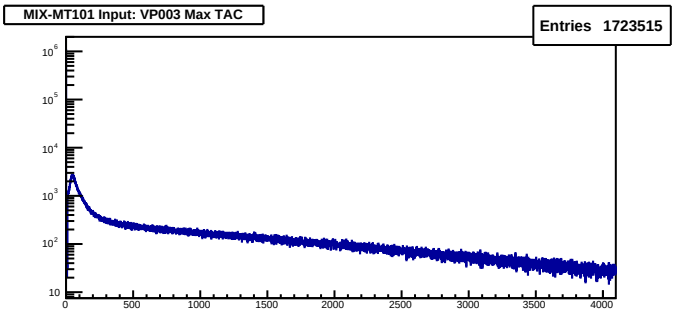

MXQ-MT008
Entries 0

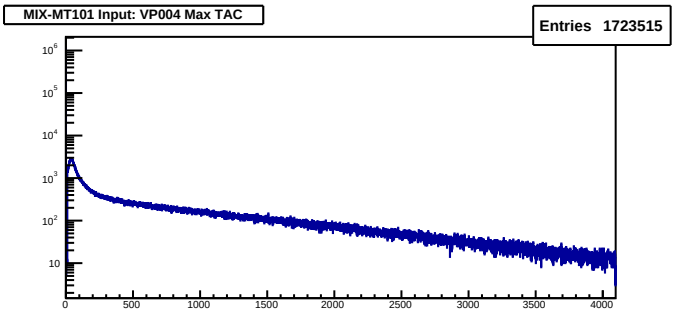

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3447030
TAC sum
1st-Best
2nd-Best
ID

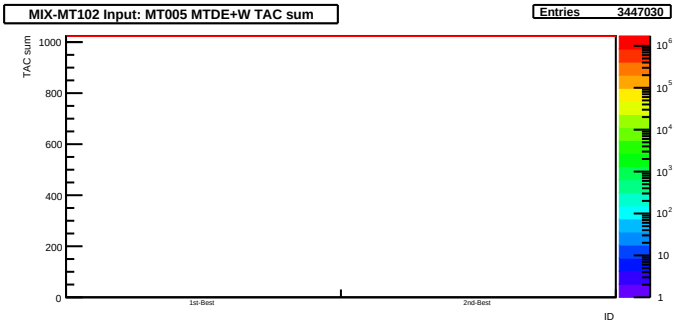

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3447030
TAC sum
1st-Best
2nd-Best
ID

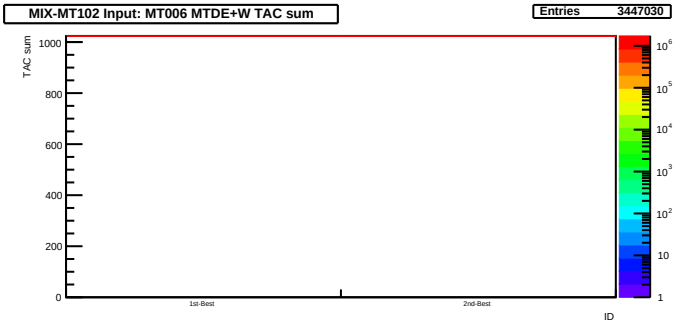

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 3447030
TAC sum
1st-Best
2nd-Best
ID

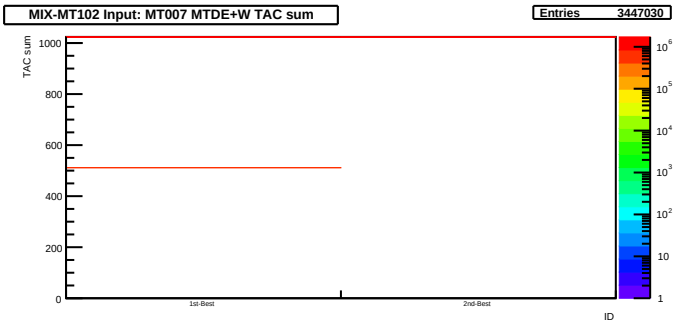

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 3447030
TAC sum
1st-Best
2nd-Best
ID

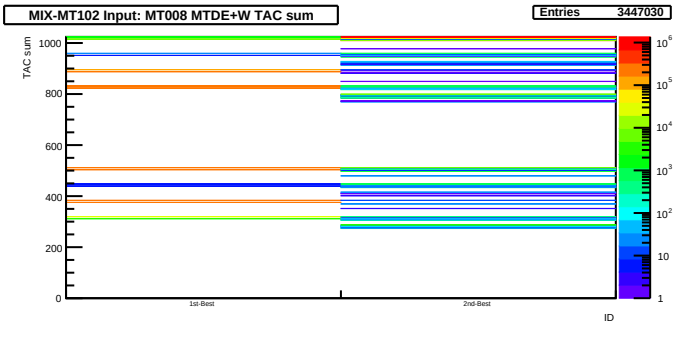

MIX-MT101 Input: VP003 Max TAC
Entries 1723515

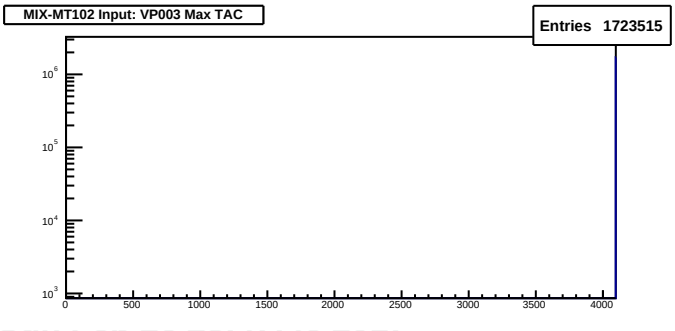

MIX-MT101 Input: VP004 Max TAC
Entries 1723515

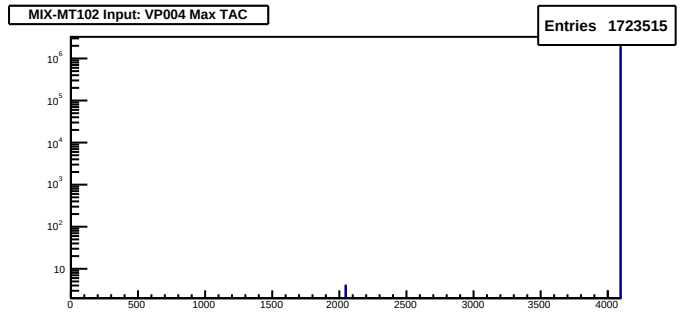

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 3447030
TAC sum
1st-Best
2nd-Best
ID

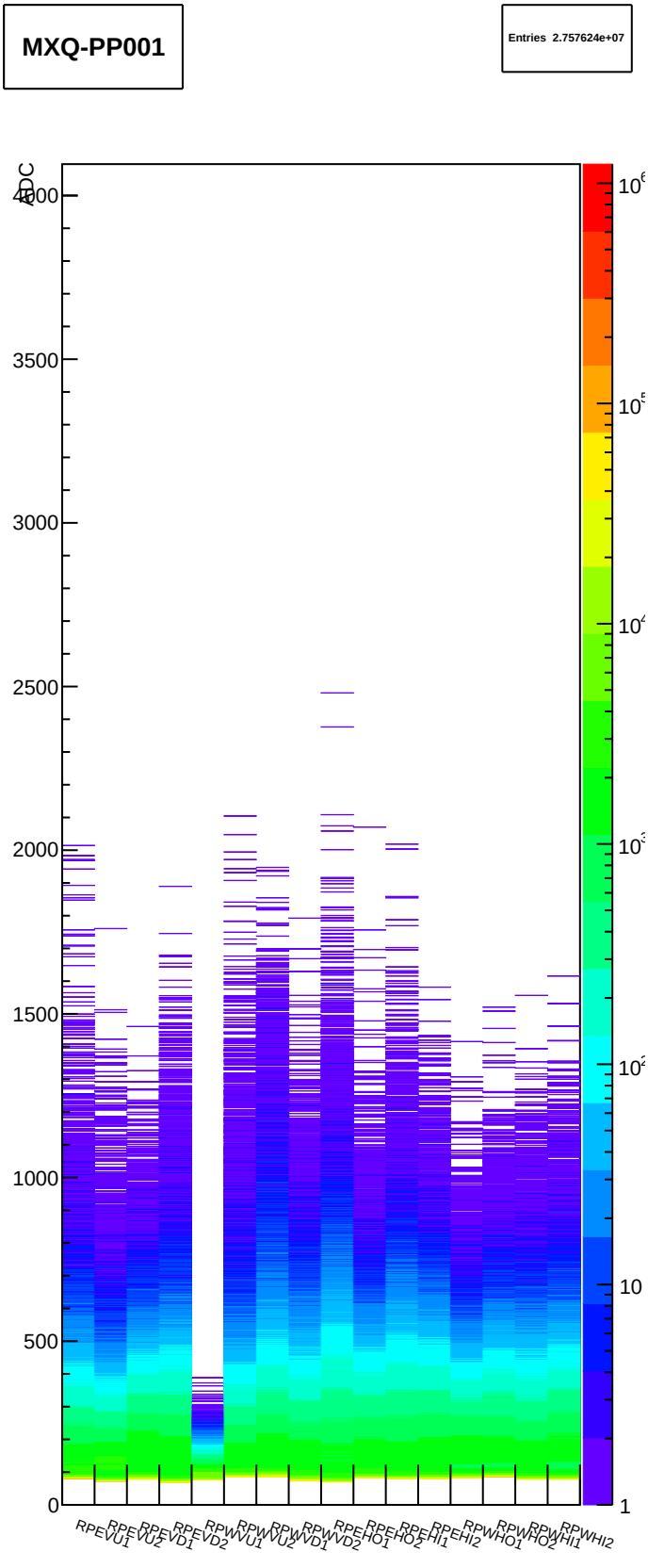

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 3447030
TAC sum
1st-Best
2nd-Best
ID

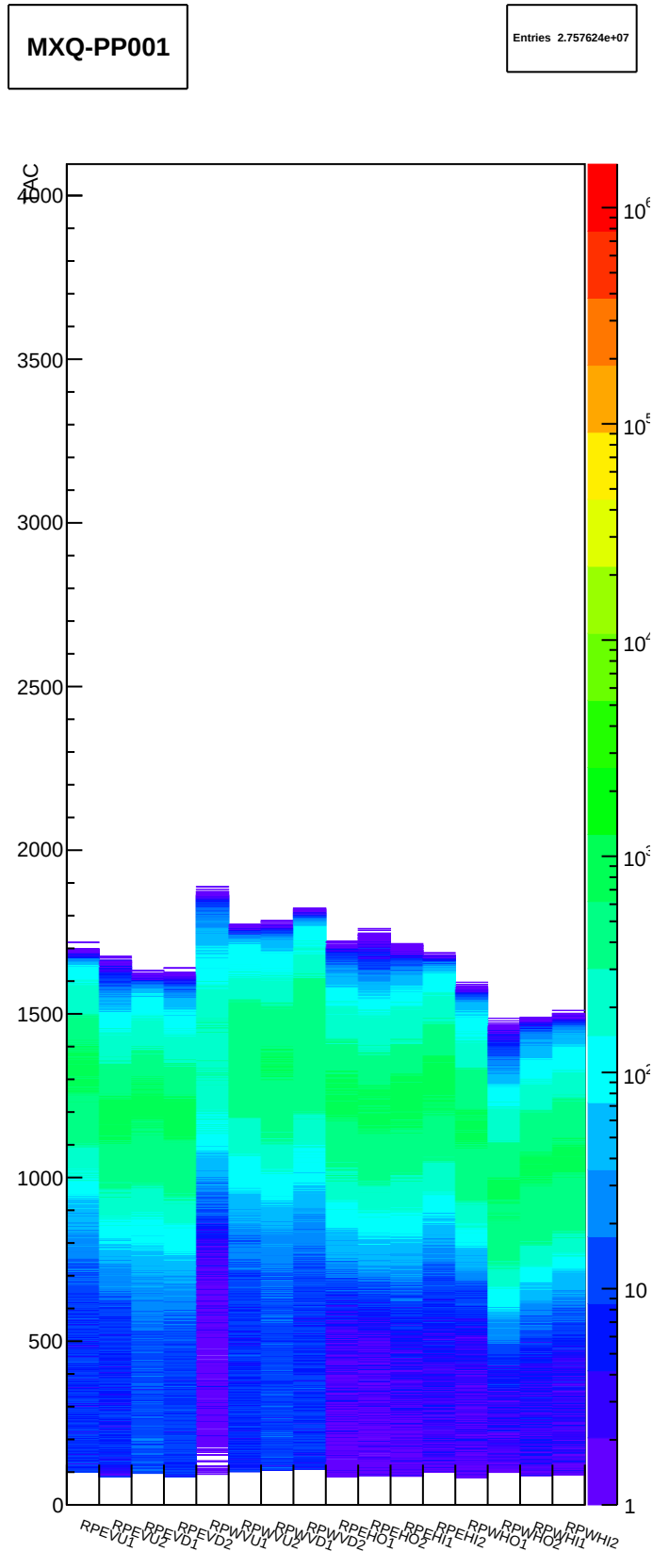

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 3447030
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 3447030
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 1723515


MIX-MT102 Input: VP004 Max TAC
Entries 1723515


MXQ-PP001
Entries 2.757624e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 2.757624e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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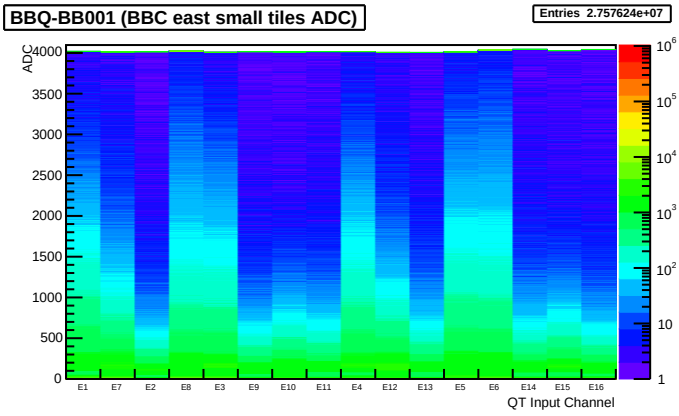
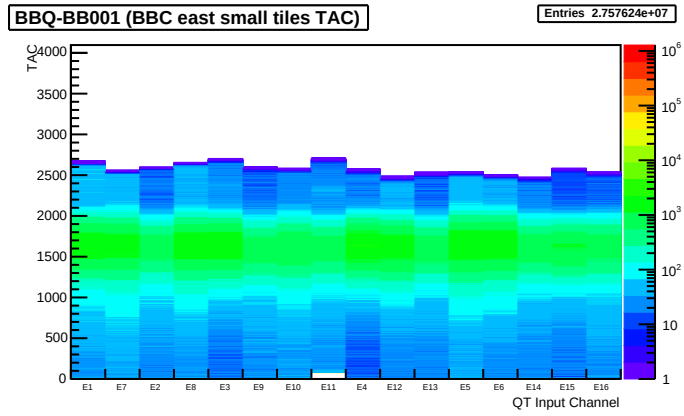
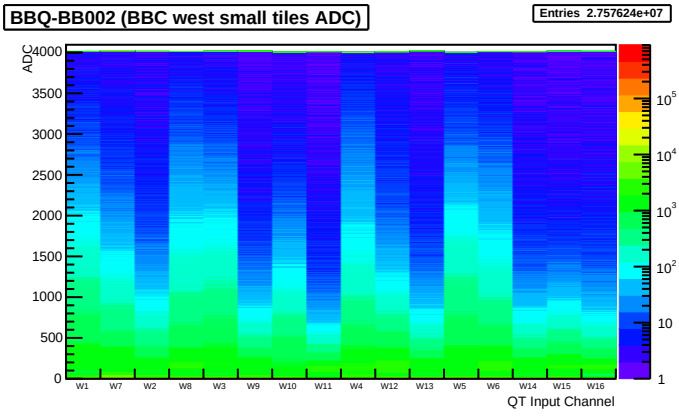
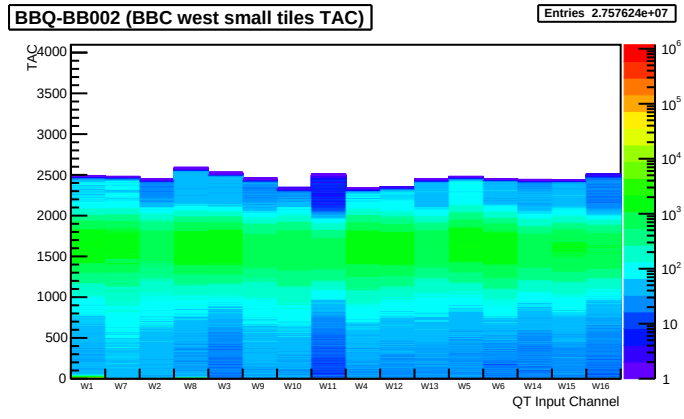
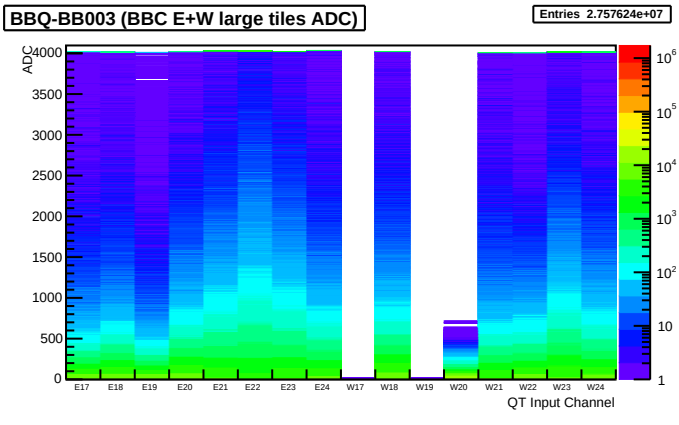
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

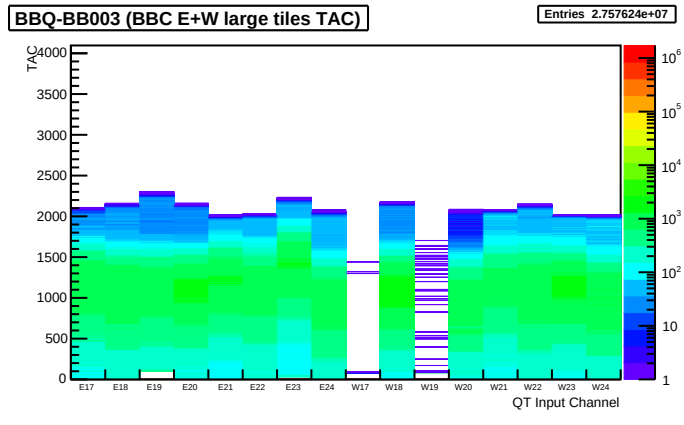

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.757624e+07
ADC
QT Input Channel

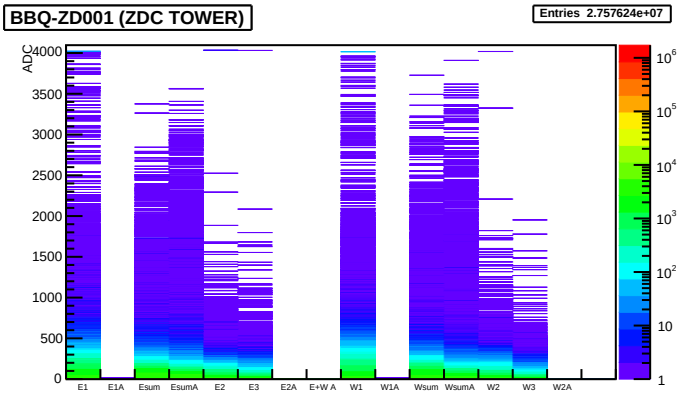

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.757624e+07
TAC
QT Input Channel

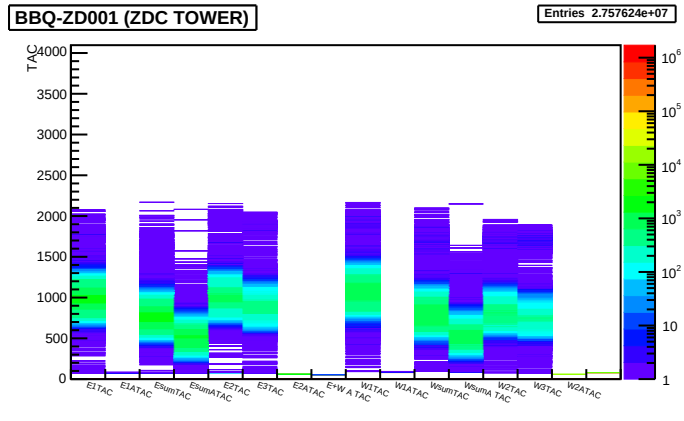

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.757624e+07
ADC
QT Input Channel

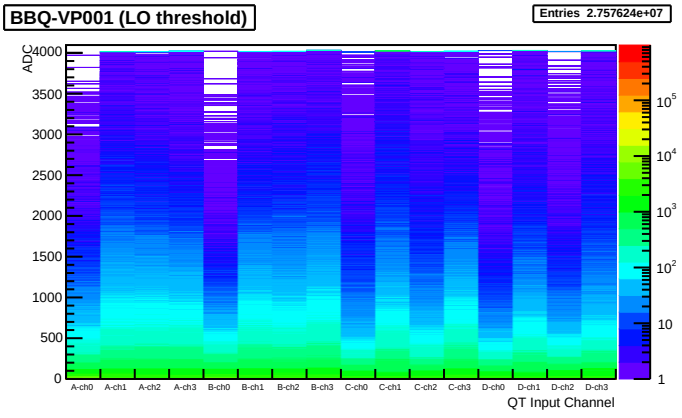

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.757624e+07
TAC
QT Input Channel

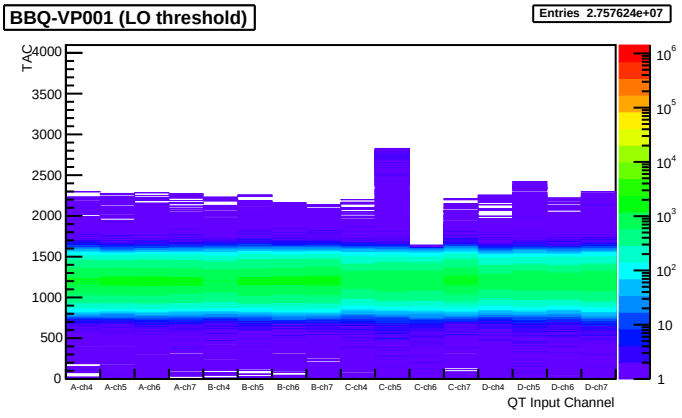

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.757624e+07
ADC
QT Input Channel

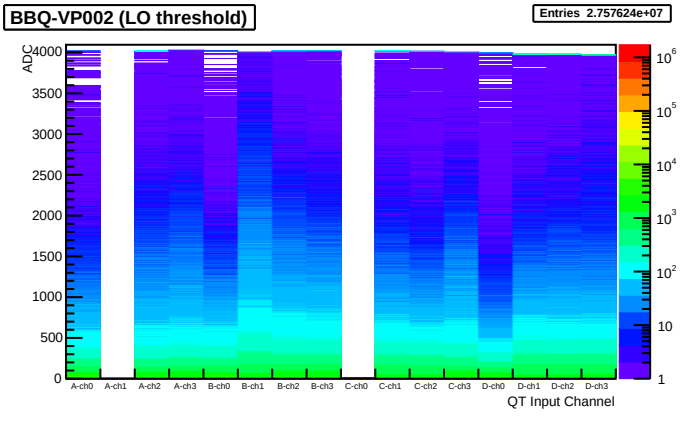

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.757624e+07
TAC
QT Input Channel

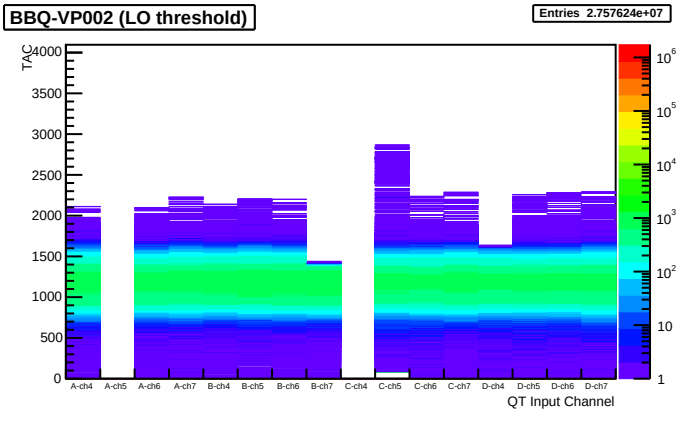

BBQ-ZD001 (ZDC TOWER)
Entries 2.757624e+07
ADC

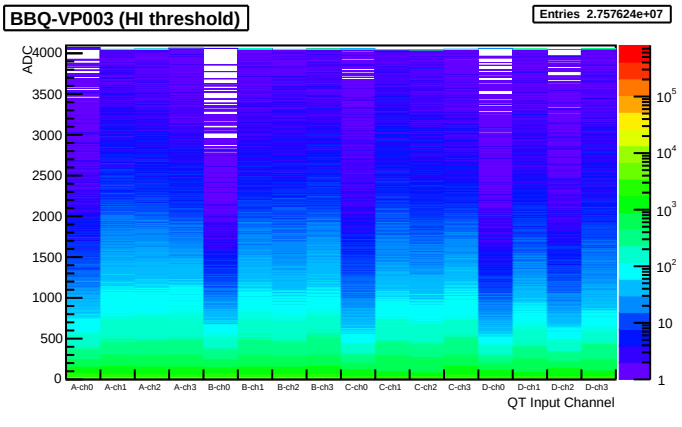

BBQ-ZD001 (ZDC TOWER)
Entries 2.757624e+07
TAC

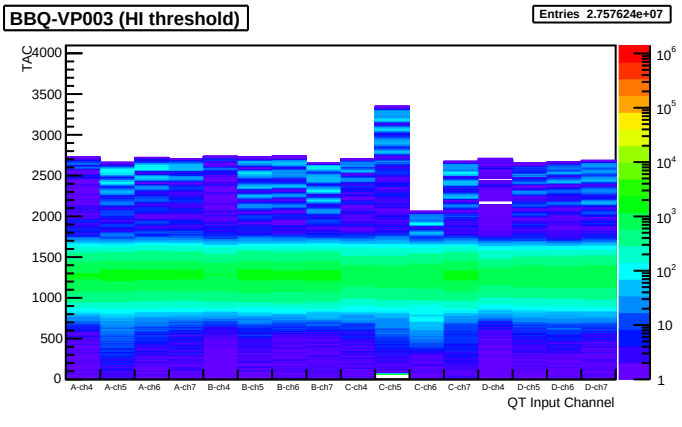

BBQ-VP001 (LO threshold)
Entries 2.757624e+07
ADC
QT Input Channel

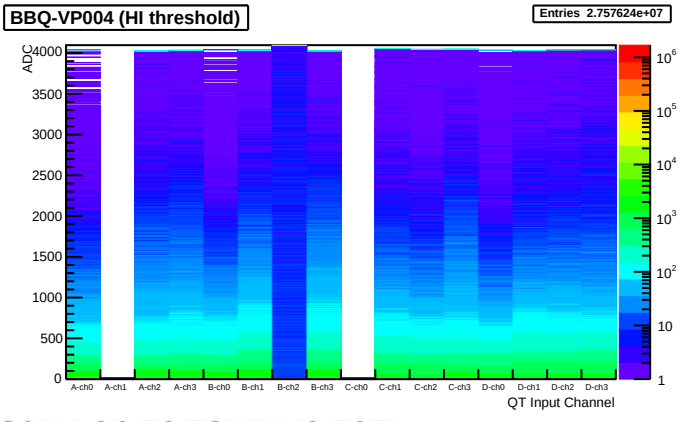

BBQ-VP001 (LO threshold)
Entries 2.757624e+07
TAC
QT Input Channel

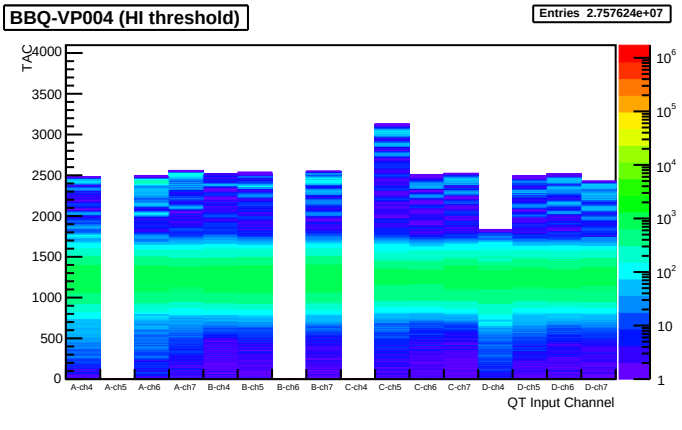

BBQ-VP002 (LO threshold)
Entries 2.757624e+07
ADC
QT Input Channel

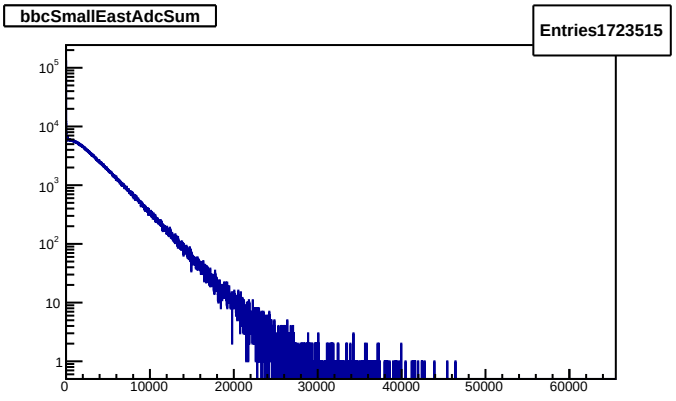

BBQ-VP002 (LO threshold)
Entries 2.757624e+07
TAC
QT Input Channel

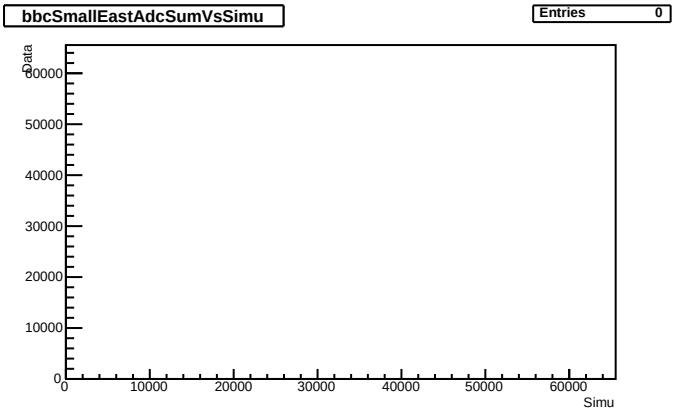

BBQ-VP003 (HI threshold)
Entries 2.757624e+07
ADC
QT Input Channel

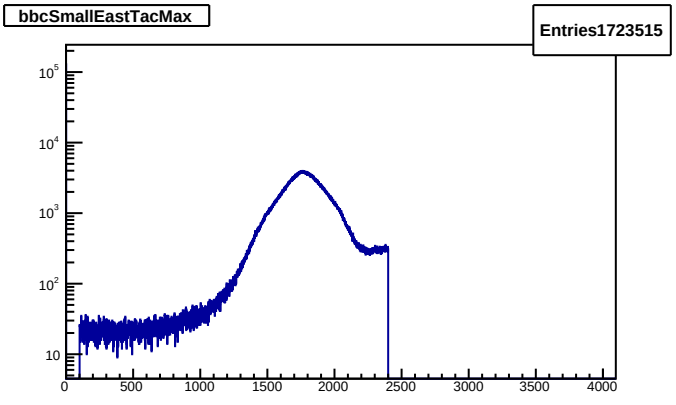

BBQ-VP003 (HI threshold)
Entries 2.757624e+07
TAC
QT Input Channel

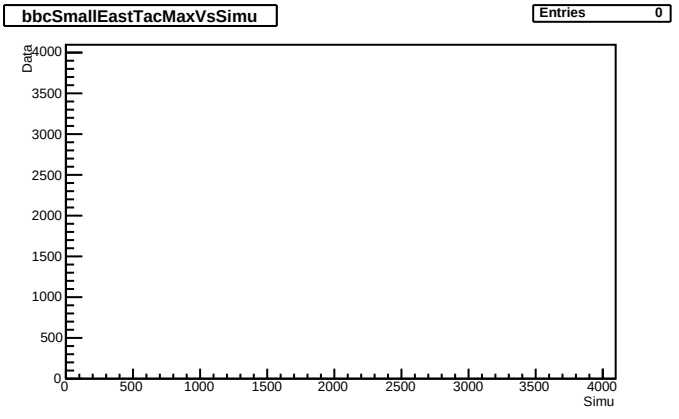

BBQ-VP004 (HI threshold)
Entries 2.757624e+07
ADC
QT Input Channel

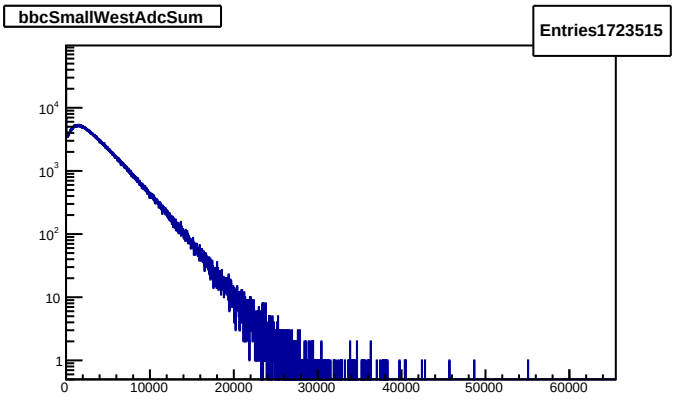

BBQ-VP004 (HI threshold)
Entries 2.757624e+07
TAC
QT Input Channel

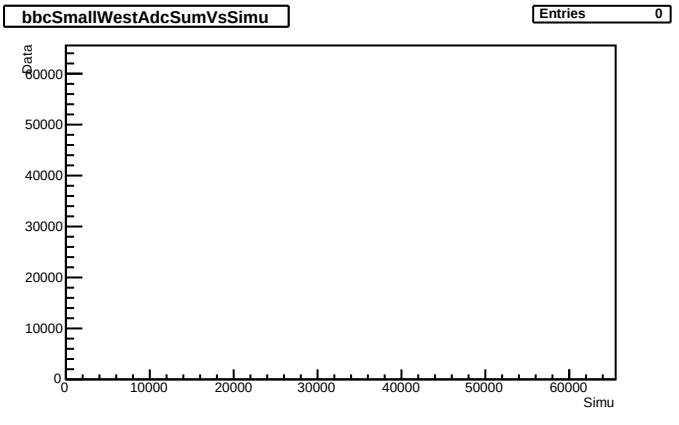

bbcSmallEastAdcSum
Entries1723515

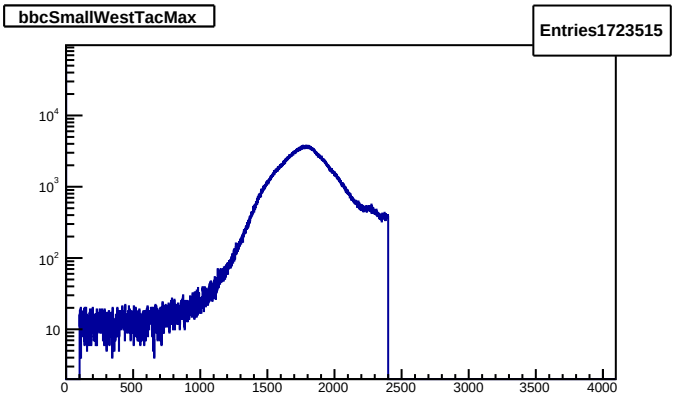

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

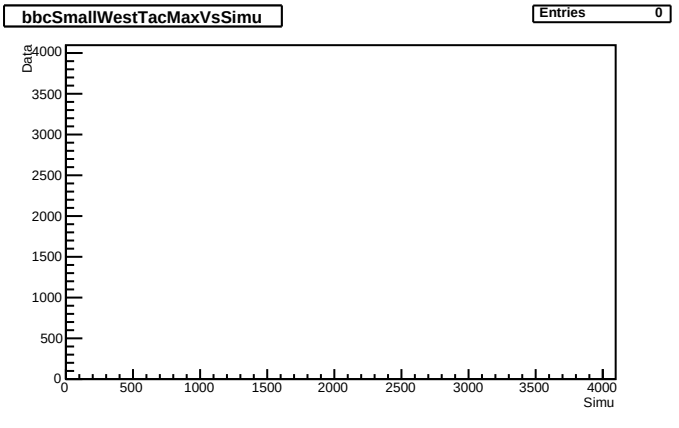

bbcSmallEastTacMax
Entries1723515

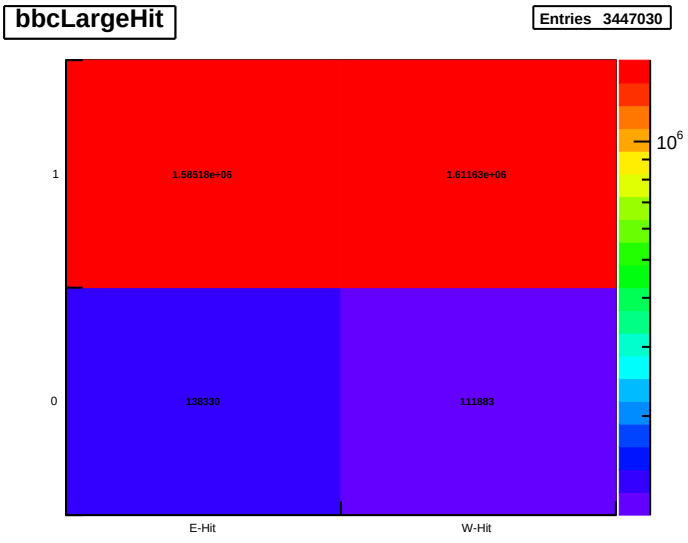

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

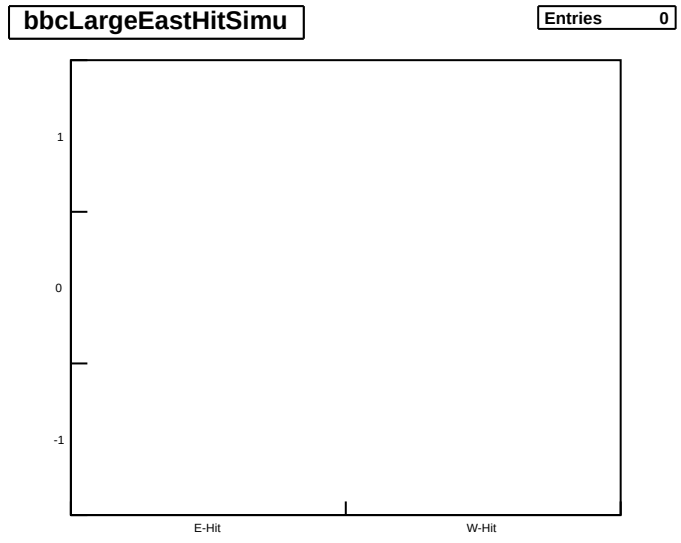

bbcSmallWestAdcSum
Entries1723515

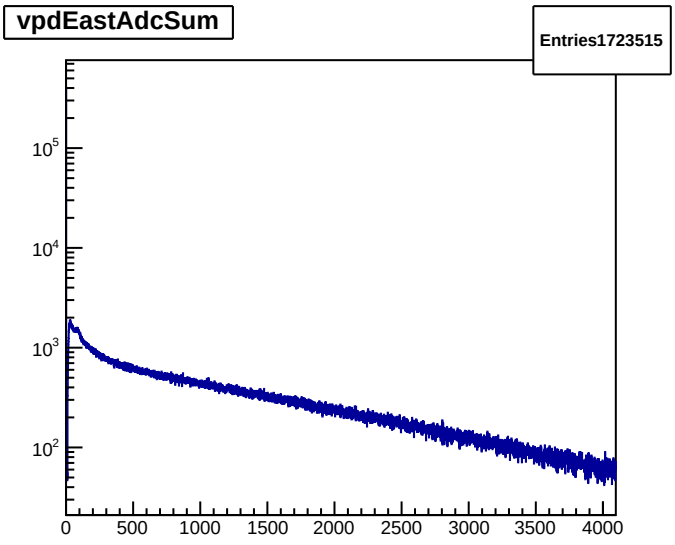

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

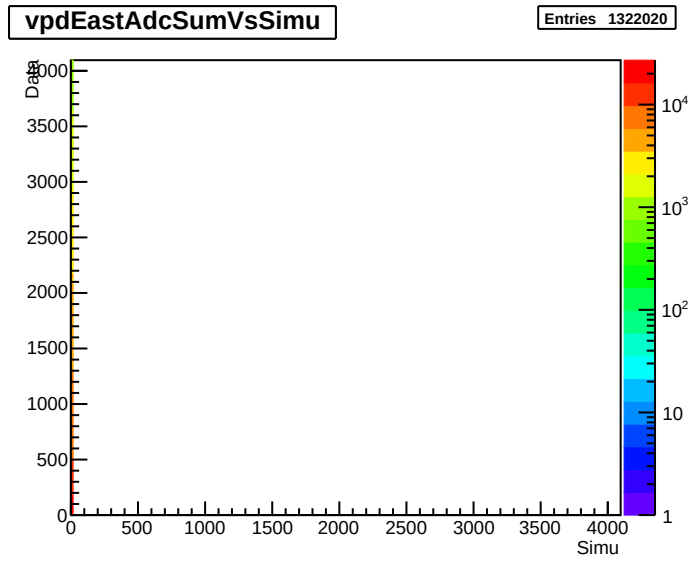

bbcSmallWestTacMax
Entries1723515

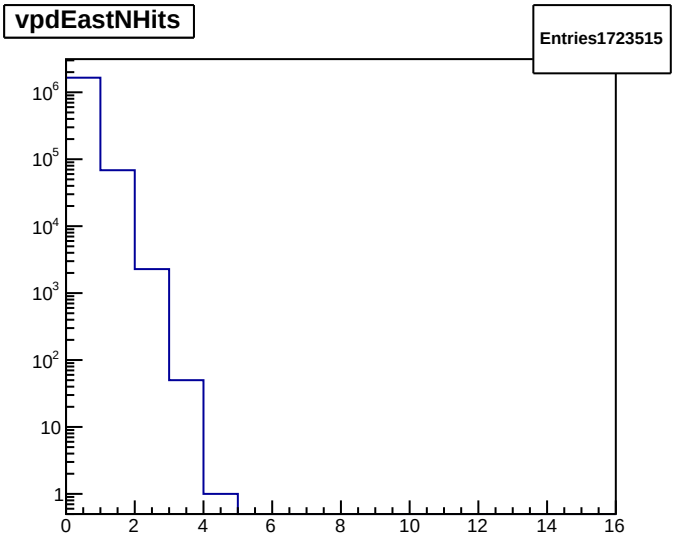

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

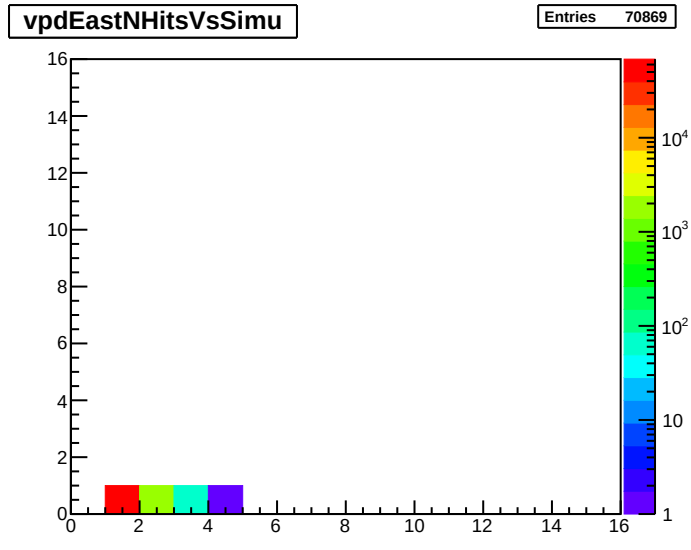

bbcLargeHit
Entries 3447030
1.58518e+06
1.61163e+06
138330
111883
1
0
E-Hit
W-Hit
10^6

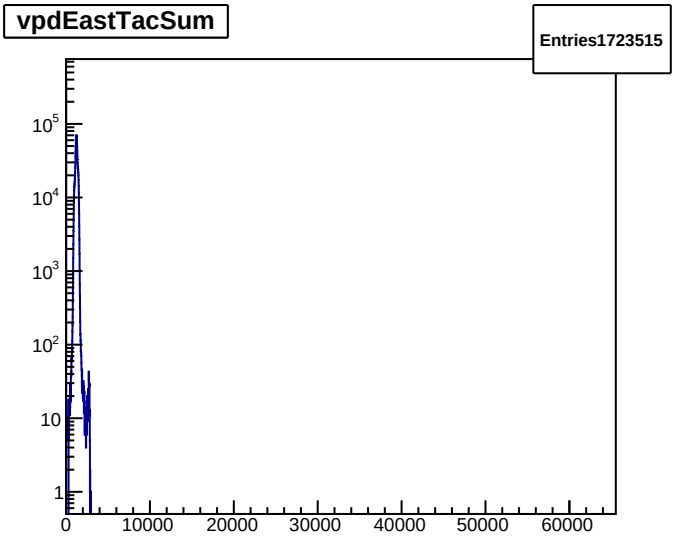

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

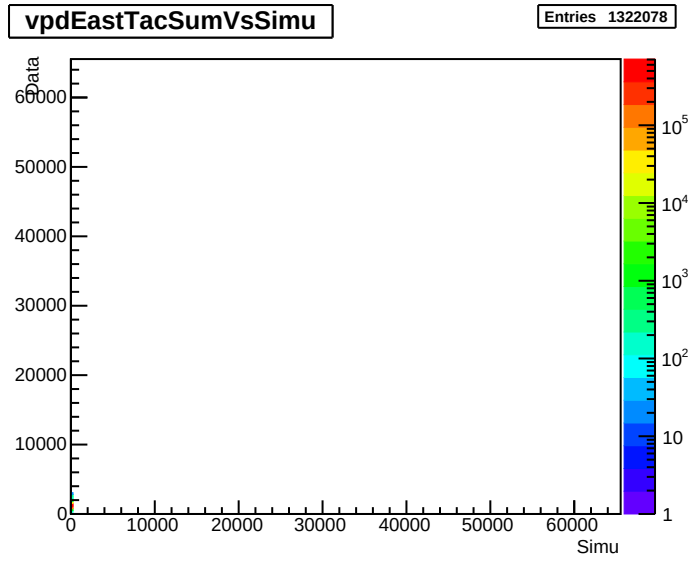

vpdEastAdcSum
Entries1723515

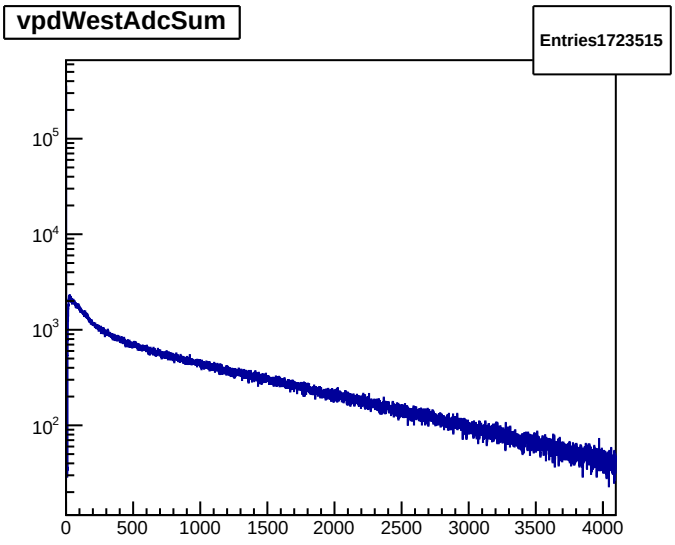

vpdEastAdcSumVsSimu
Entries 1322020
Data
Simu

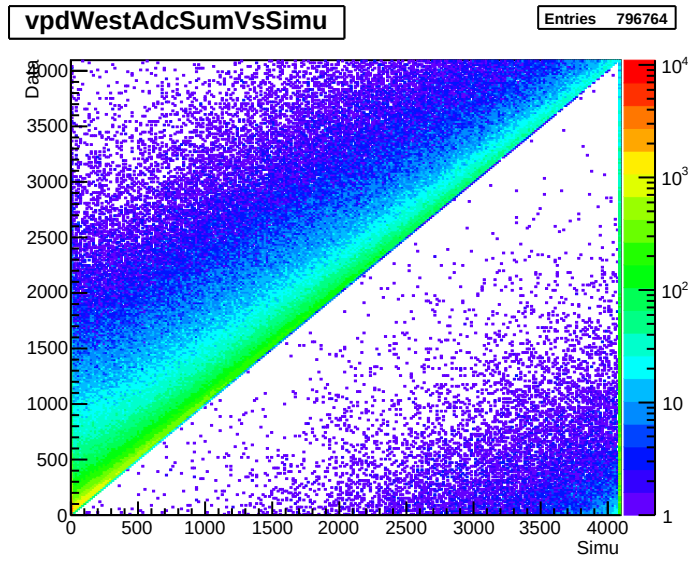

vpdEastNHits
Entries1723515

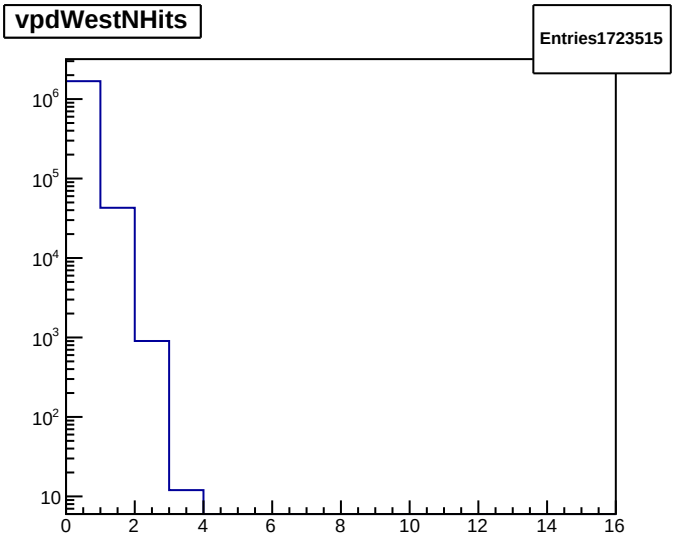

vpdEastNHitsVsSimu
Entries 70869

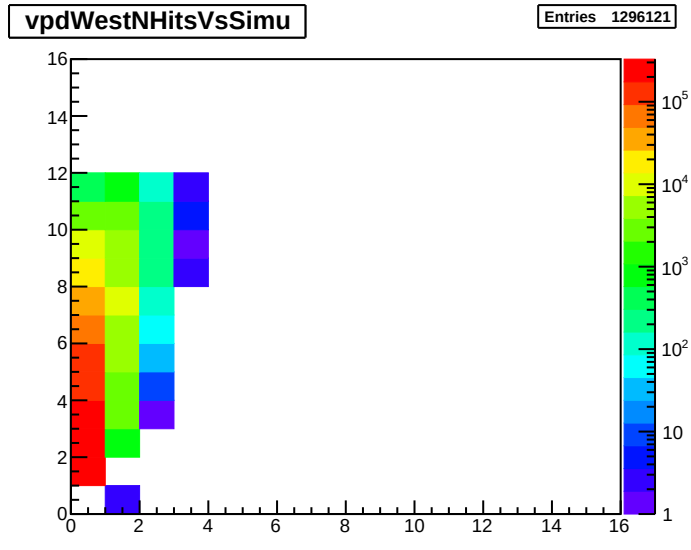

vpdEastTacSum
Entries1723515

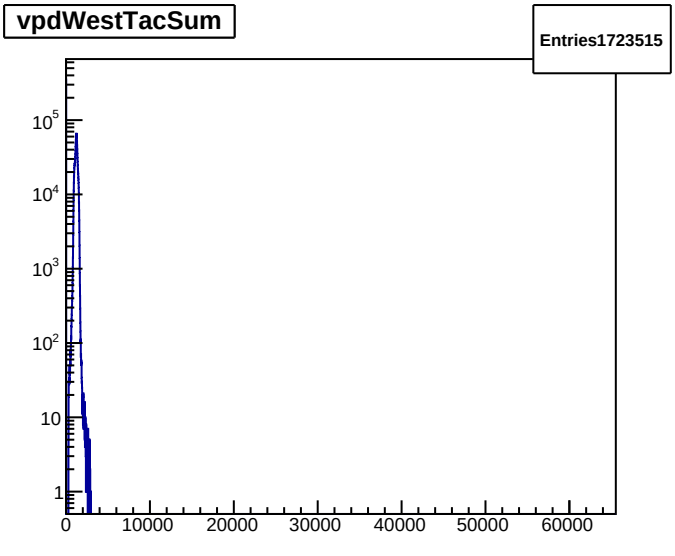

vpdEastTacSumVsSimu
Entries 1322078
Data
Simu

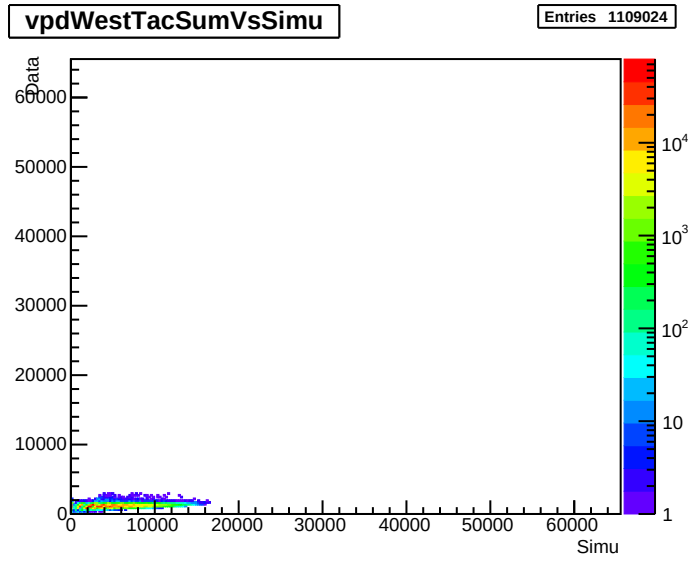

vpdWestAdcSum
Entries1723515

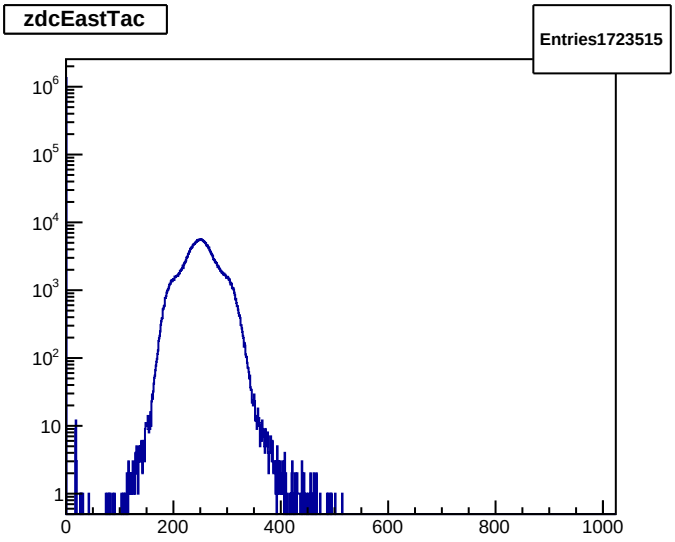

vpdWestAdcSumVsSimu
Entries 796764
Data
Simu

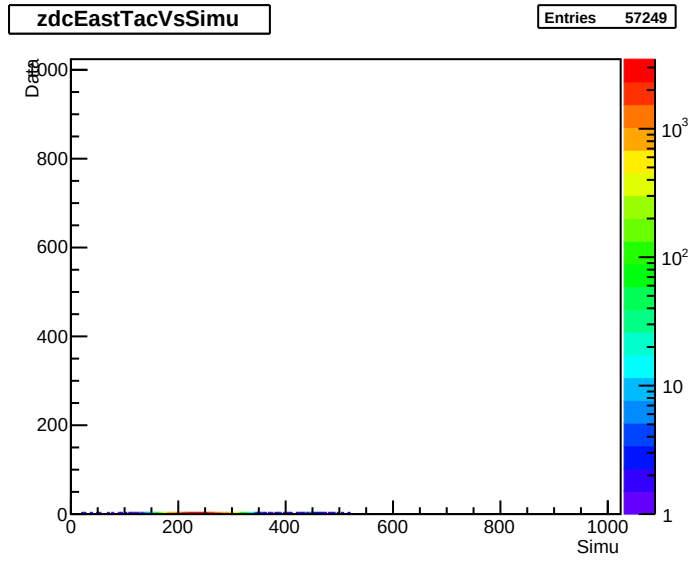

vpdWestNHits
Entries1723515

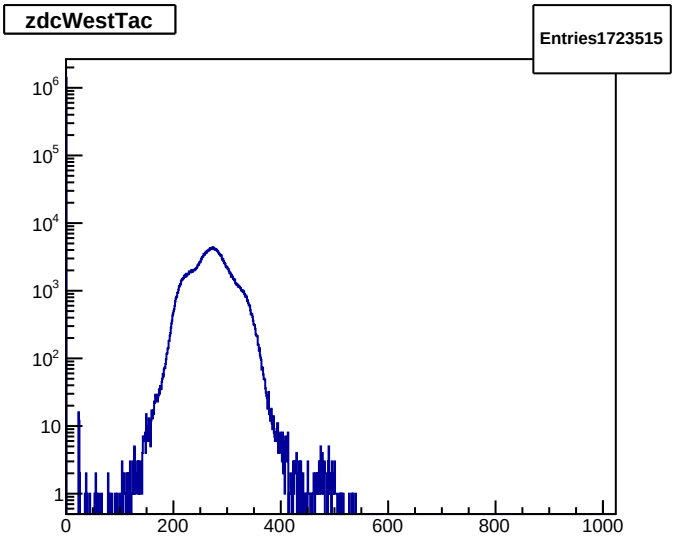

vpdWestNHitsVsSimu
Entries 1296121

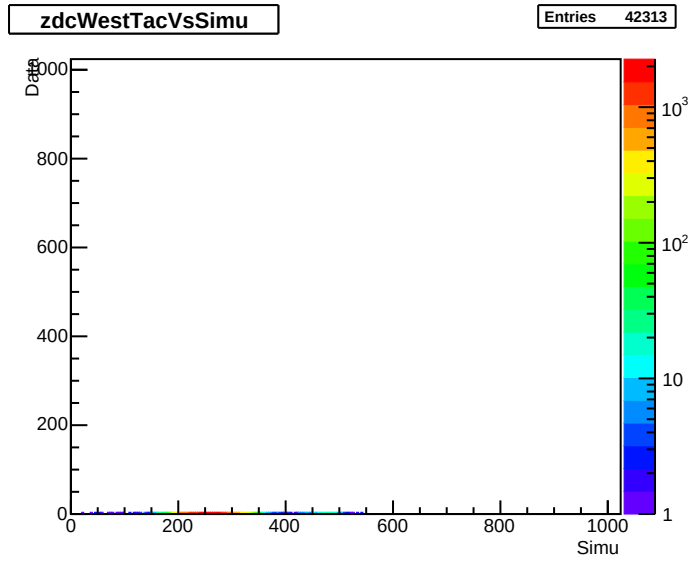

vpdWestTacSum
Entries1723515

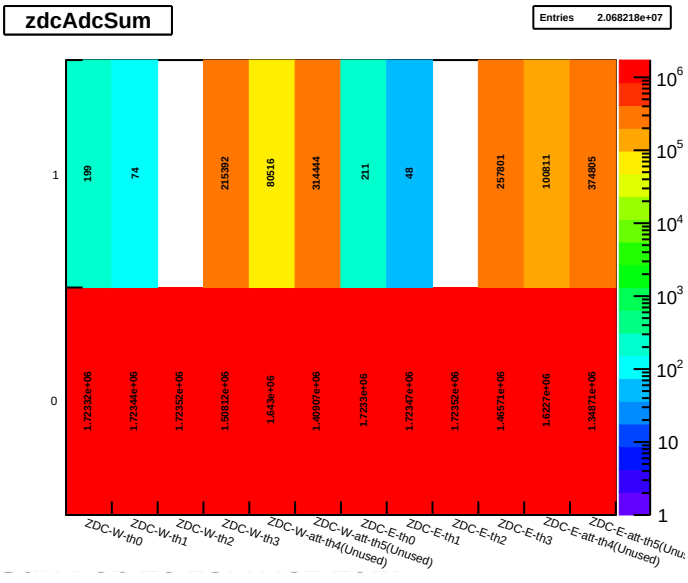

vpdWestTacSumVsSimu
Entries 1109024
Data
Simu

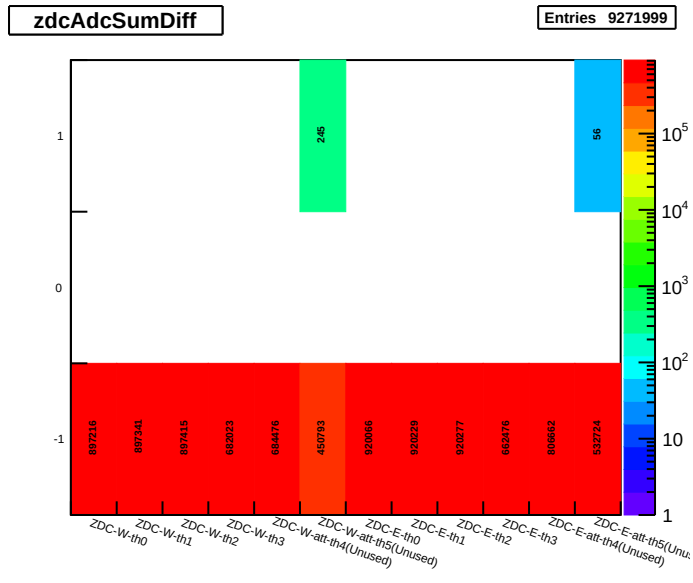

zdcEastTac
Entries1723515

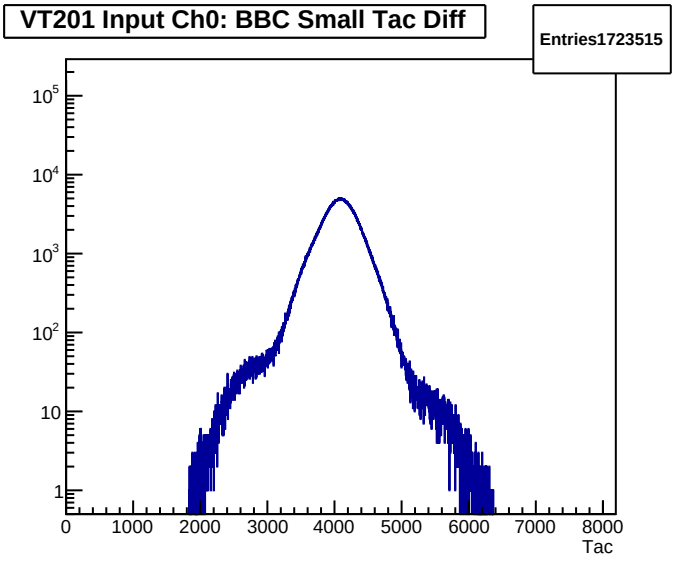

zdcEastTacVsSimu
Entries 57249
Data
Simu

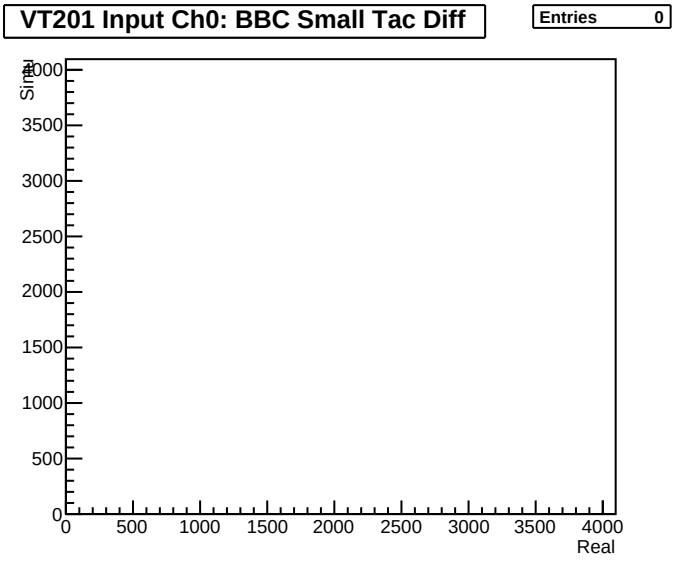

zdcWestTac
Entries1723515

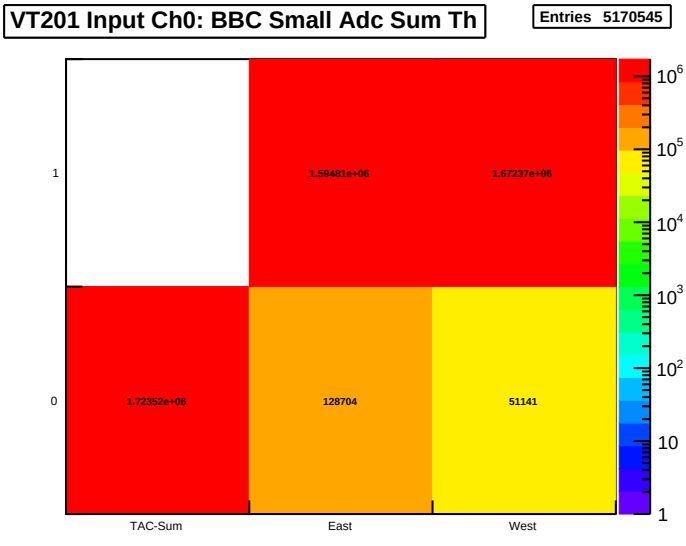

zdcWestTacVsSimu
Entries 42313
Data
Simu

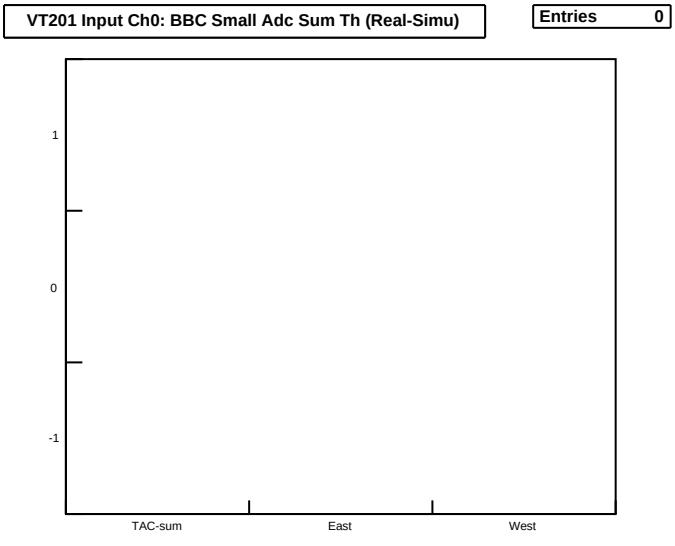

zdcAdcSum
Entries 2.068218e+07
199
74
215392
80516
314444
211
48
257601
100811
374805
1.72332e+06
1.72344e+05
1.72352e+06
1.50812e+06
1.643e+06
1.40907e+06
1.7233e+06
1.72347e+06
1.72352e+05
1.46571e+06
1.6227e+06
1.34871e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

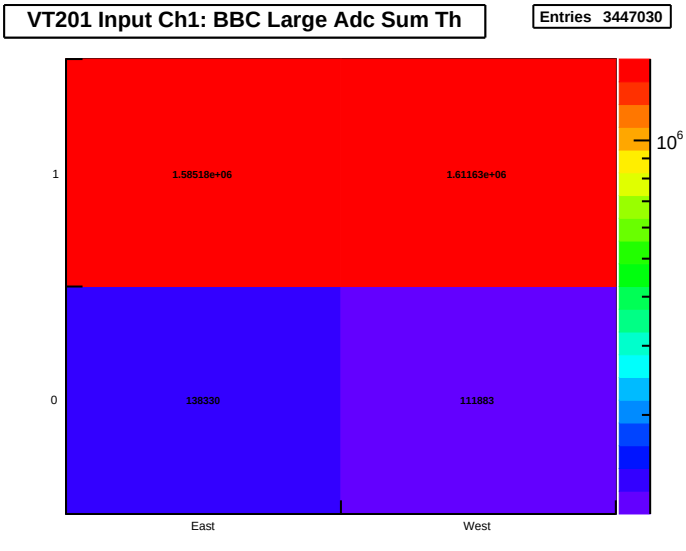

zdcAdcSumDiff
Entries 9271999
245
56
897216
897341
897415
682023
684476
450793
920066
920229
920277
662476
806662
532724
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

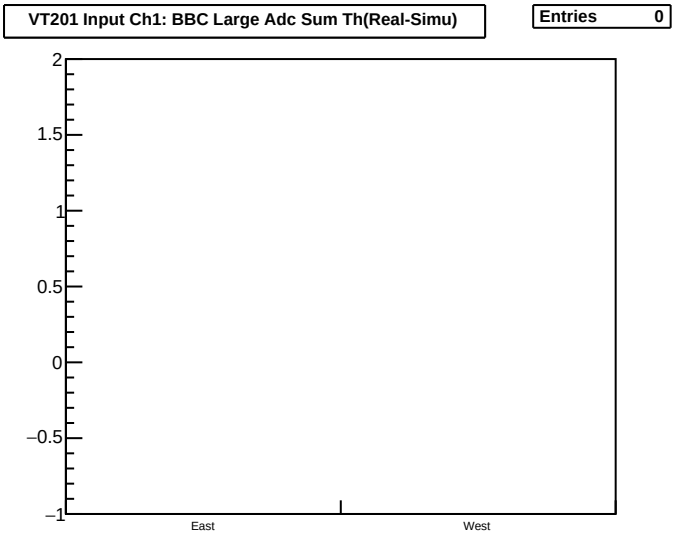

VT201 Input Ch0: BBC Small Tac Diff
Entries1723515
Tac


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

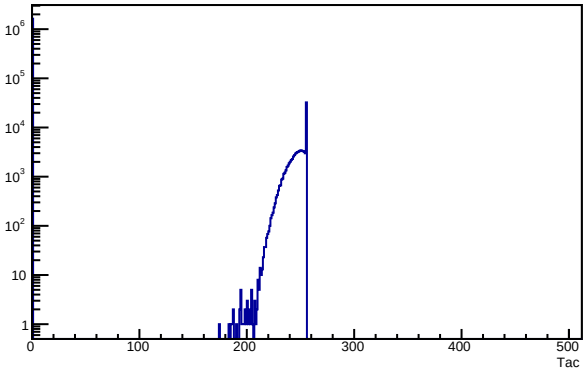

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 5170545
1.59481e+06
1.67237e+06
1.72352e+06
128704
51141
TAC-Sum
East
West


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

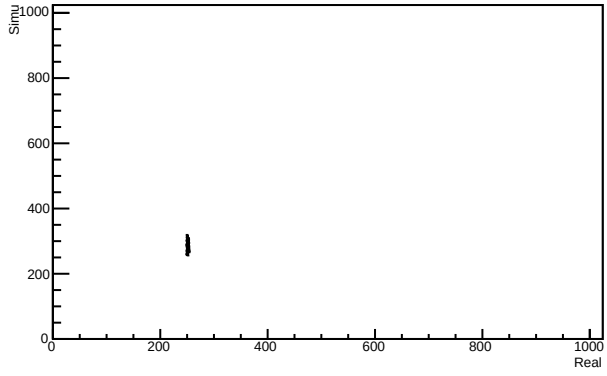

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 3447030
1.58518e+06
1.61163e+06
138330
111883
East
West


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

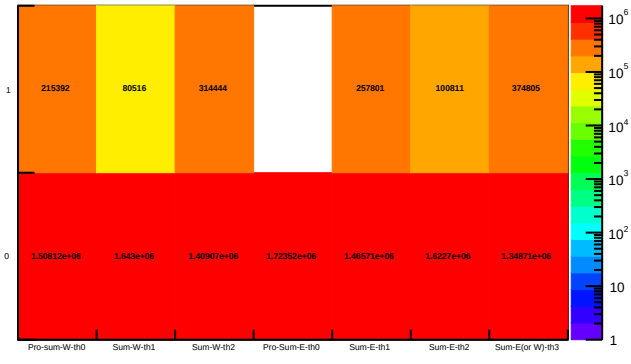
VT201 Input Ch2: ZDC Tac Diff



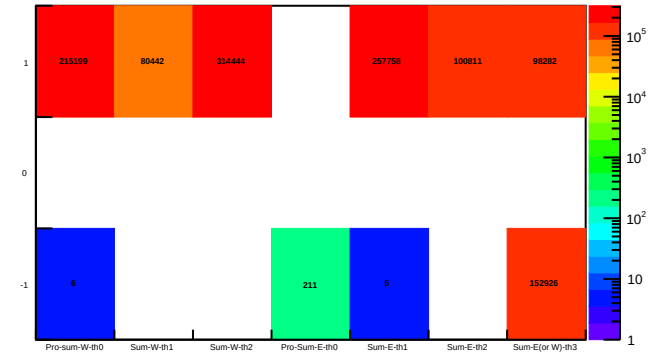
VT201 Input Ch2: ZDC Tac Diff



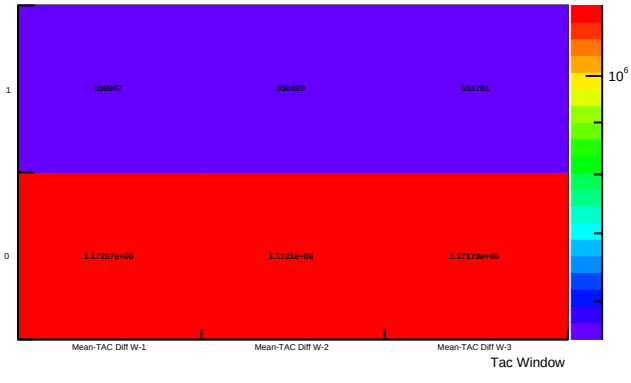
VT201 Input Ch2: ZDC Adc Sum Th



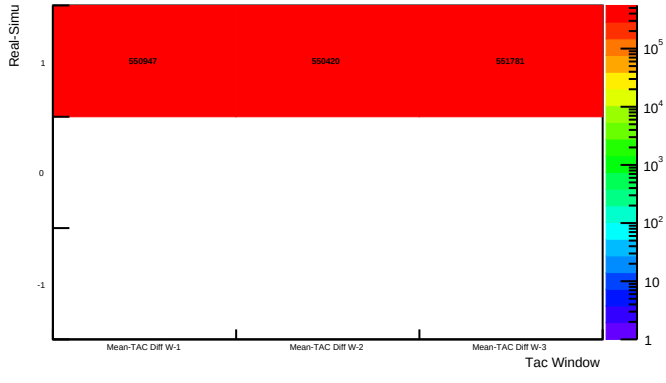
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



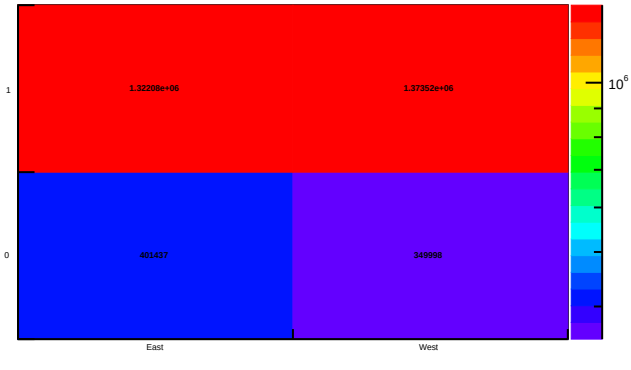
VT201 Input Ch4: VPD Tac Diff



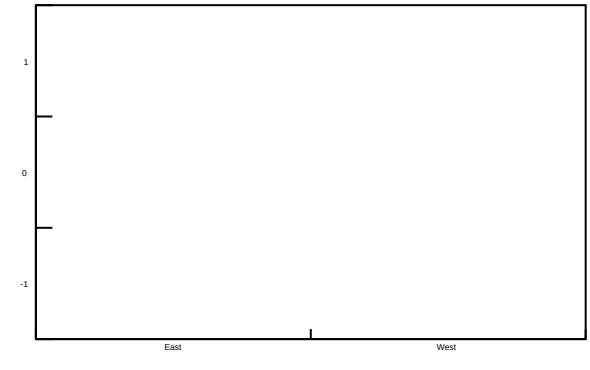
VT201 Input Ch4: VPD Tac Diff

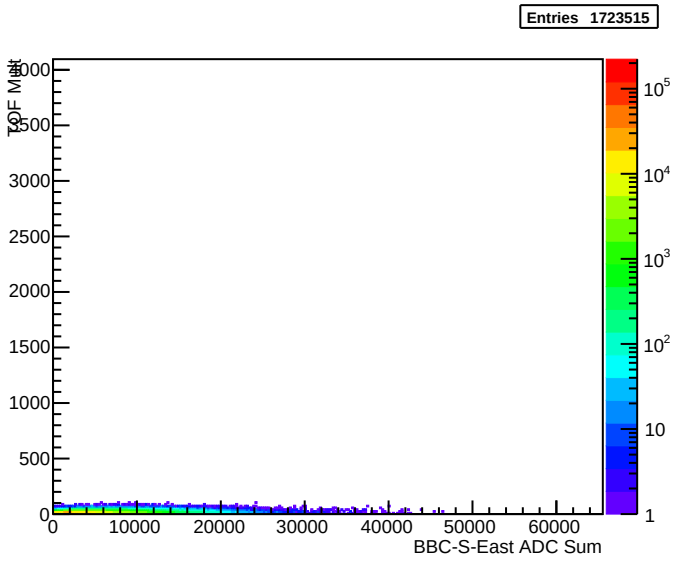


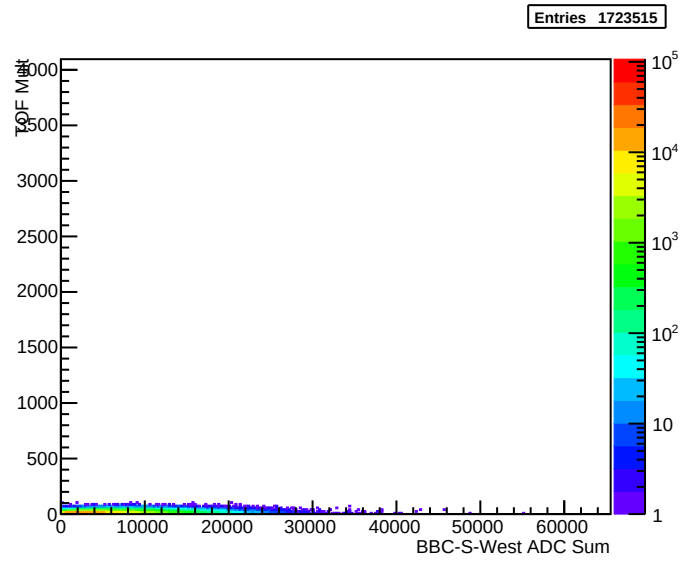
VT201 Input Ch4: VPD Adc Sum Th

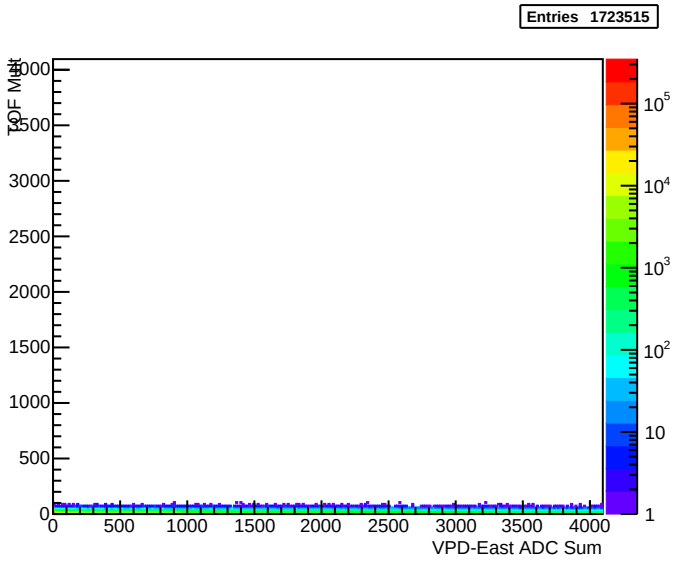


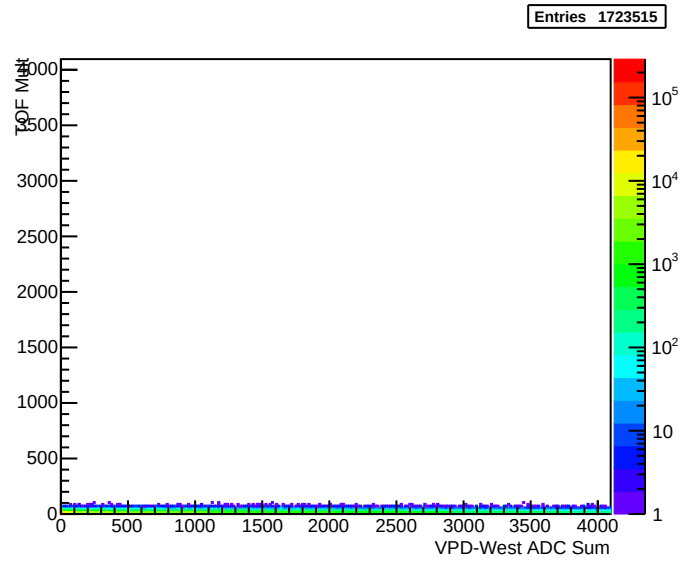
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

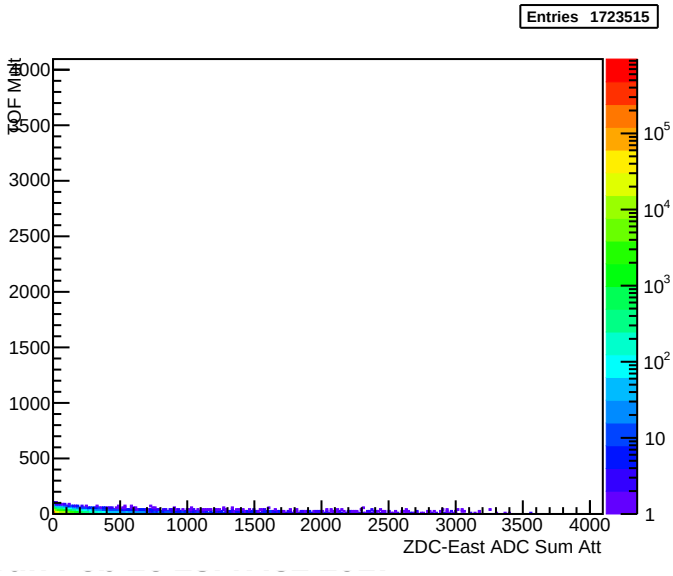


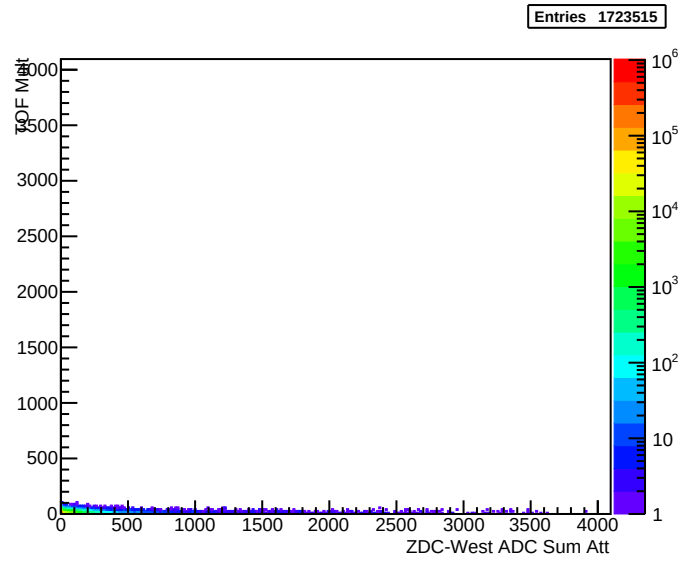

Entries 1723515
TOF Mult
BBC-S-East ADC Sum

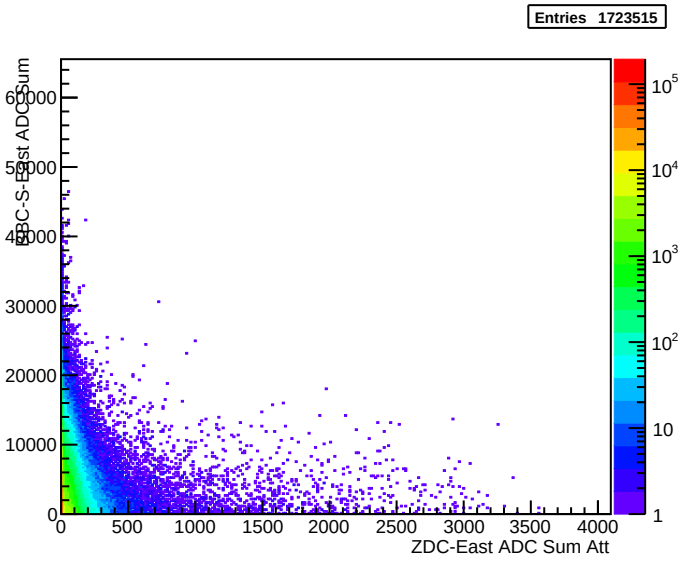

Entries 1723515
TOF Mult
BBC-S-West ADC Sum

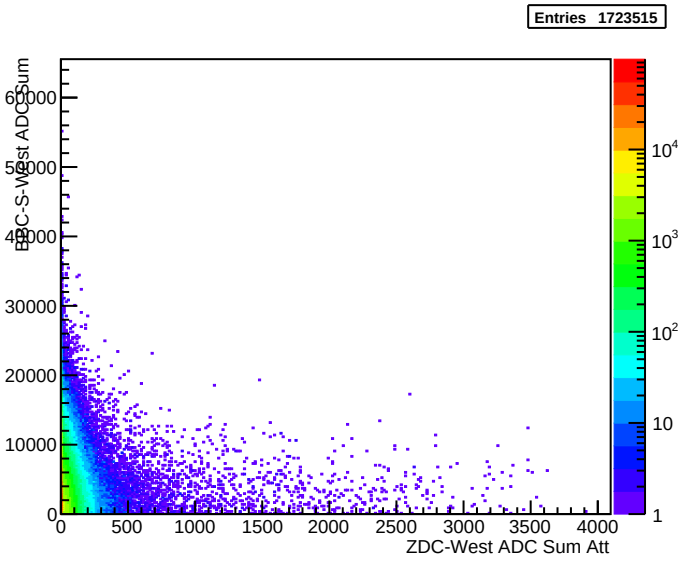

Entries 1723515
TOF Mult
VPD-East ADC Sum

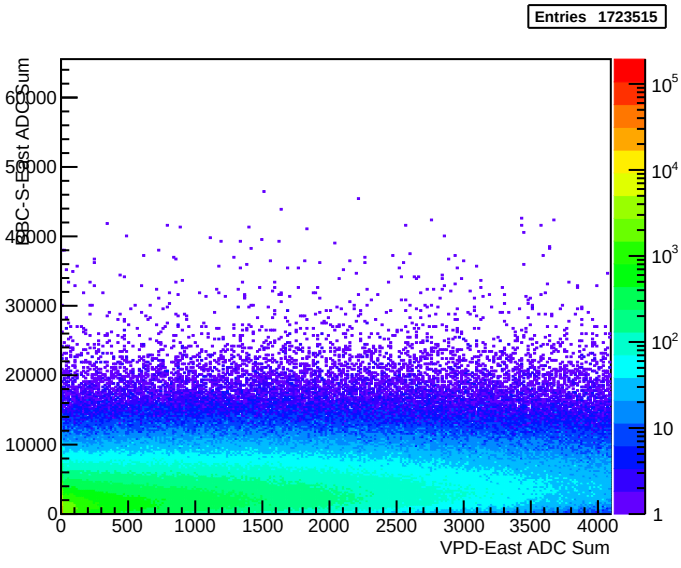

Entries 1723515
TOF Mult
VPD-West ADC Sum

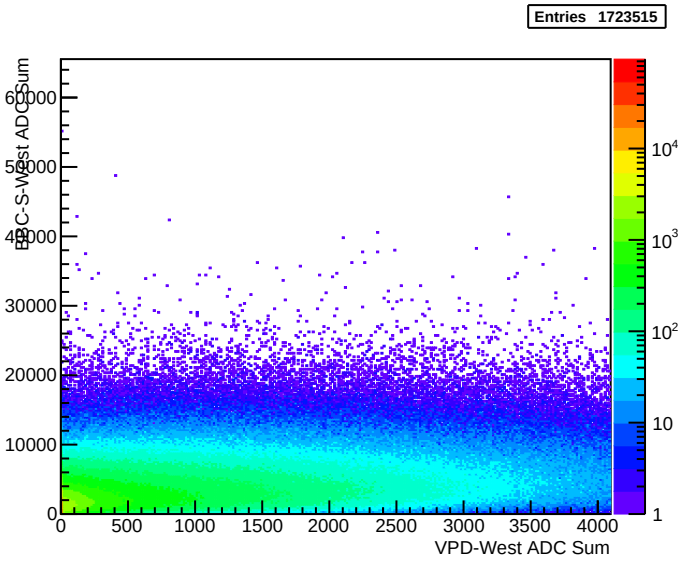

Entries 1723515
TOF Mult
ZDC-East ADC Sum Att

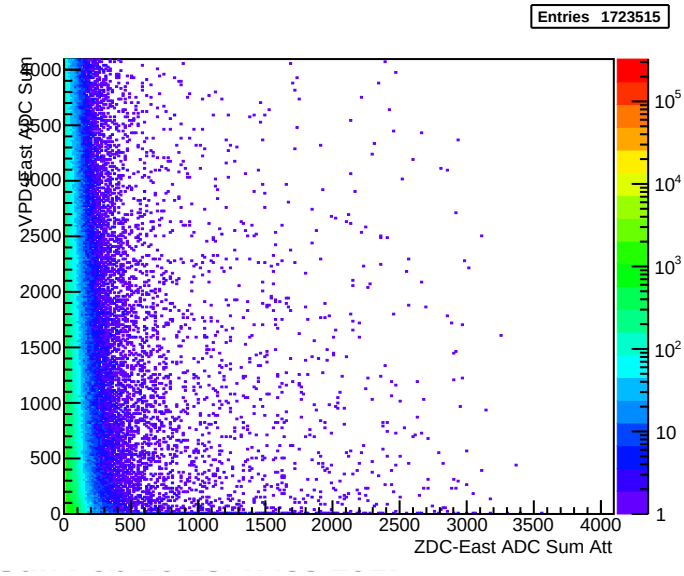

Entries 1723515
TOF Mult
ZDC-West ADC Sum Att

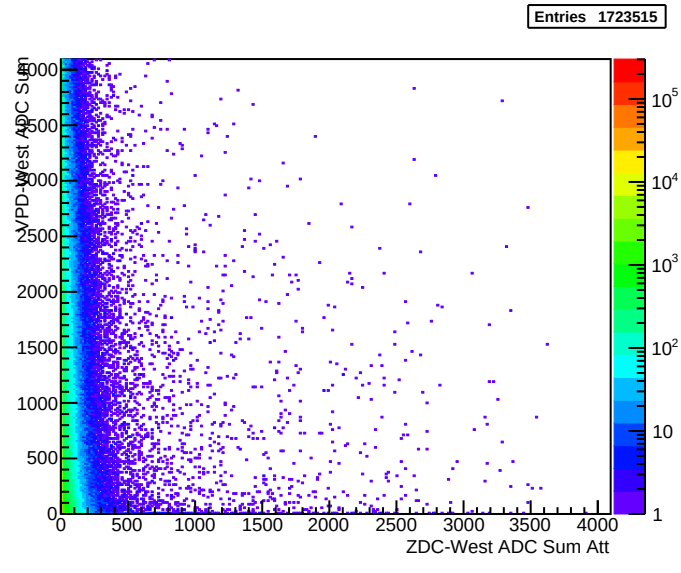

Entries 1723515
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

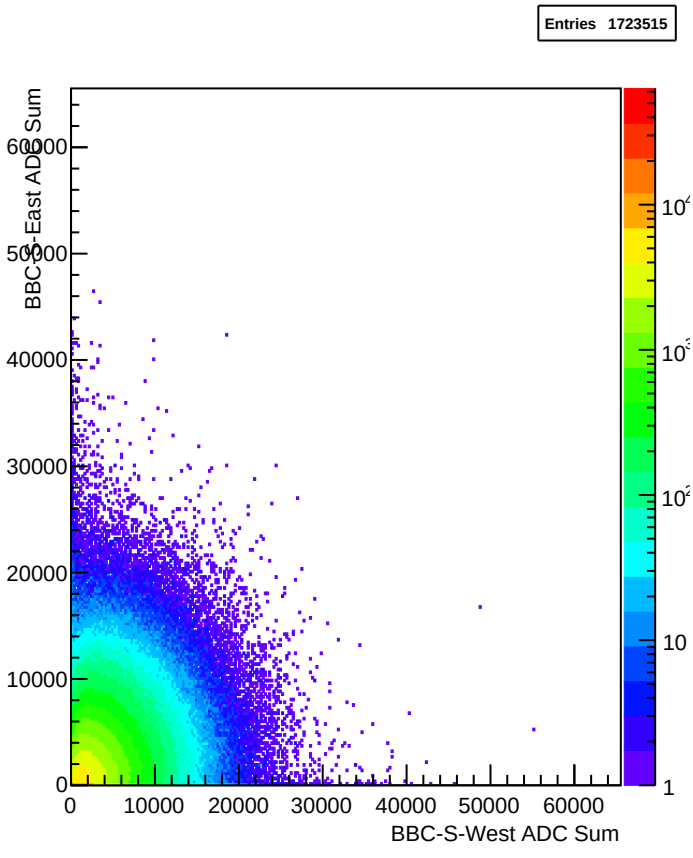

Entries 1723515
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

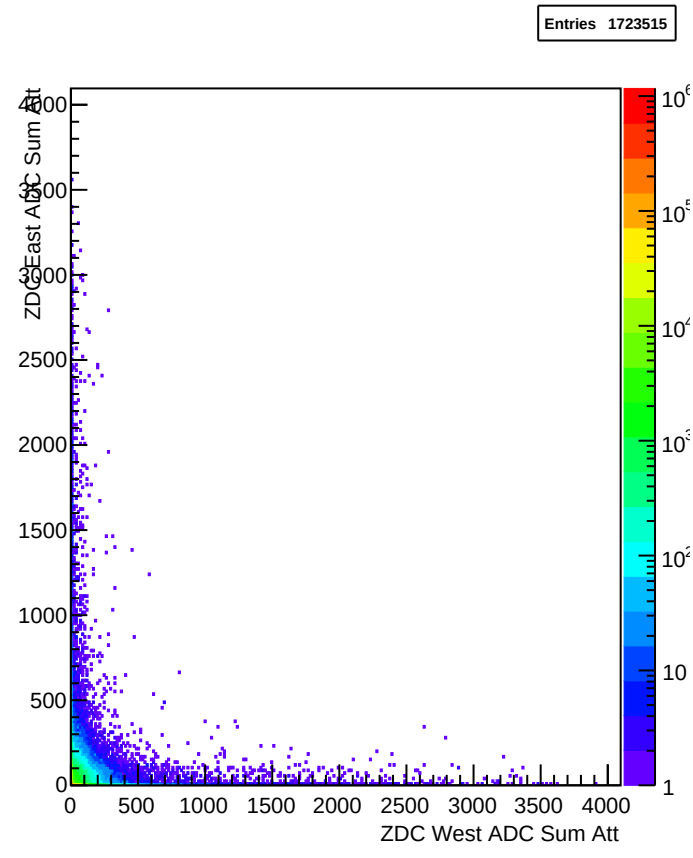

Entries 1723515
BBC-S-East ADC Sum
VPD-East ADC Sum

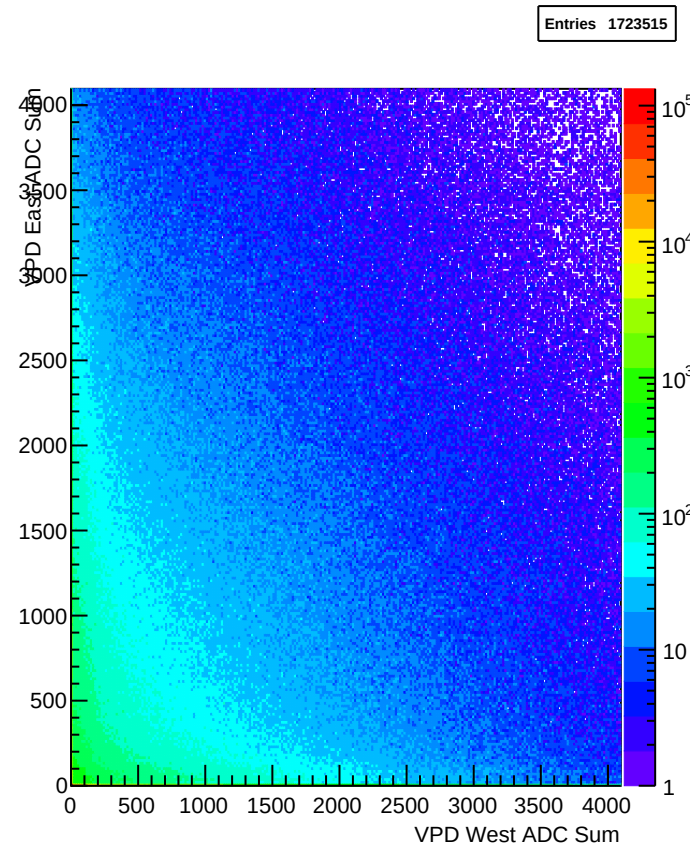

Entries 1723515
BBC-S-West ADC Sum
VPD-West ADC Sum

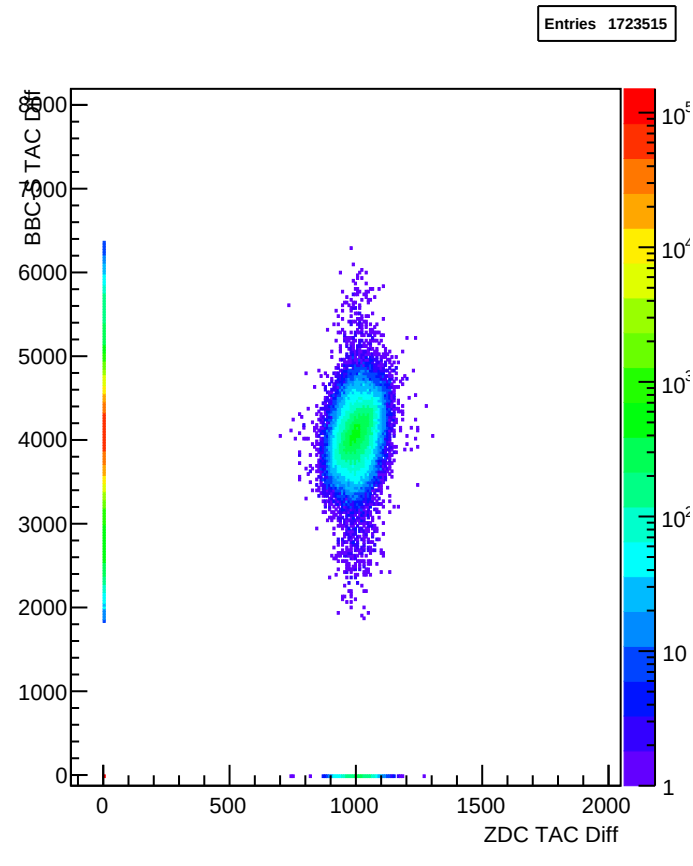

Entries 1723515
VPD-East ADC Sum
ZDC-East ADC Sum Att

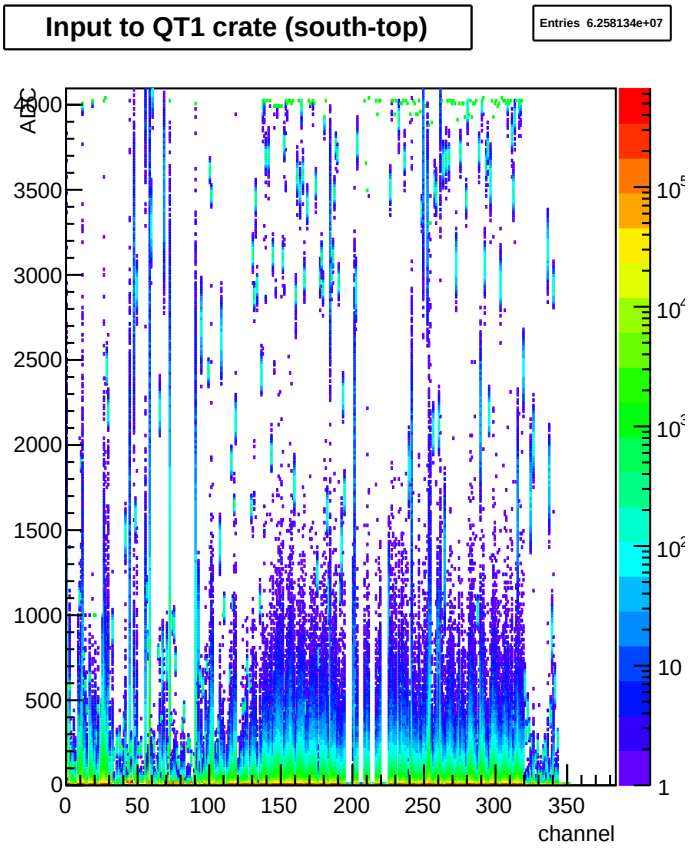

Entries 1723515
VPD-West ADC Sum
ZDC-West ADC Sum Att

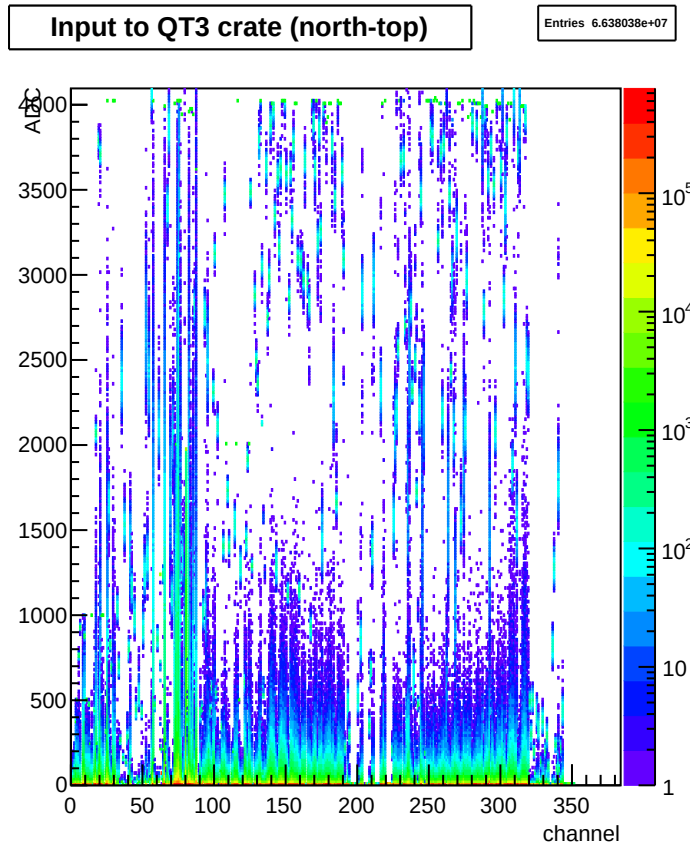

Entries 1723515
BBC-S-East ADC Sum
BBC-S-West ADC Sum

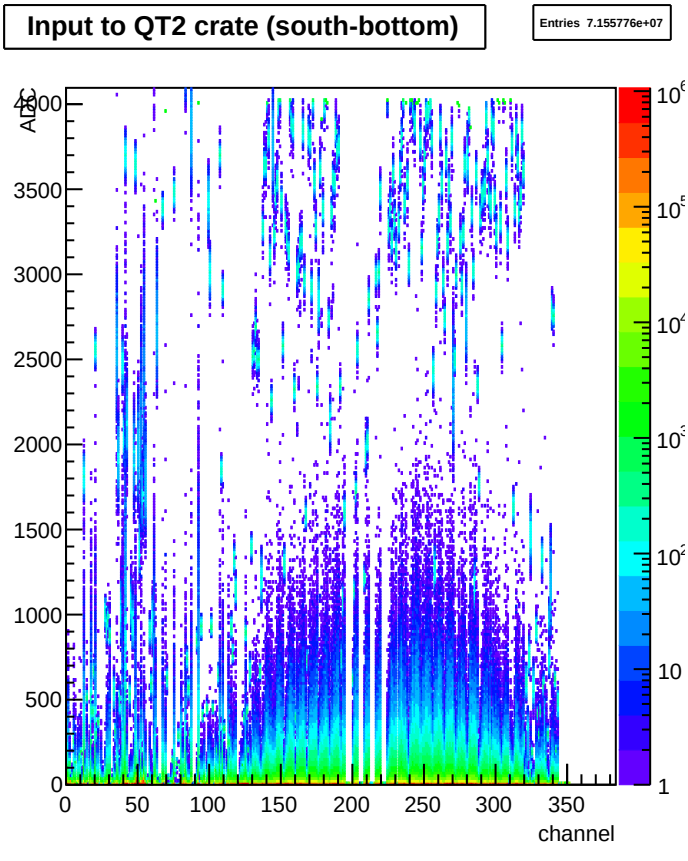

Entries 1723515
ZDC East ADC Sum Att
ZDC West ADC Sum Att

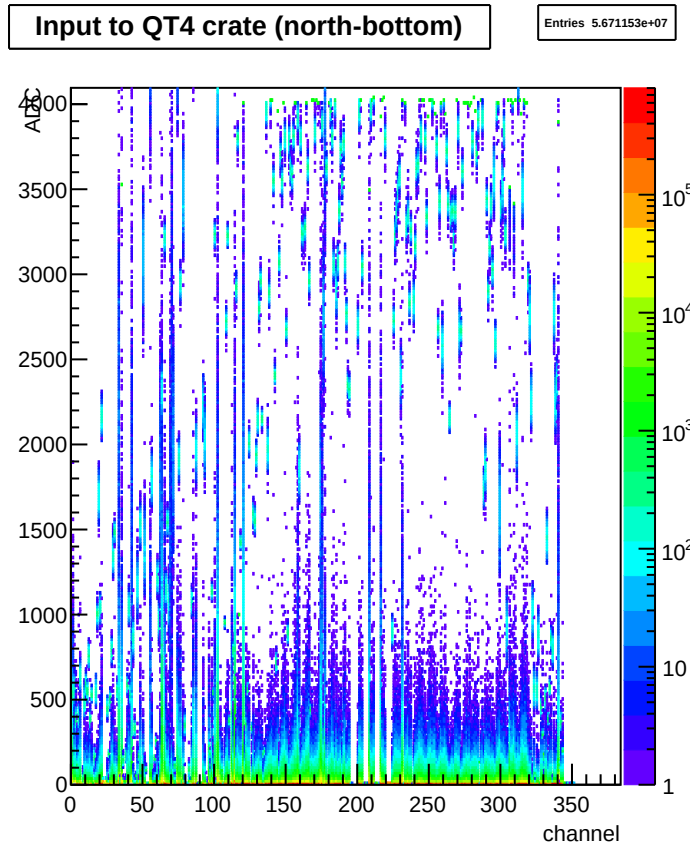

Entries 1723515
VPD East ADC Sum
VPD West ADC Sum

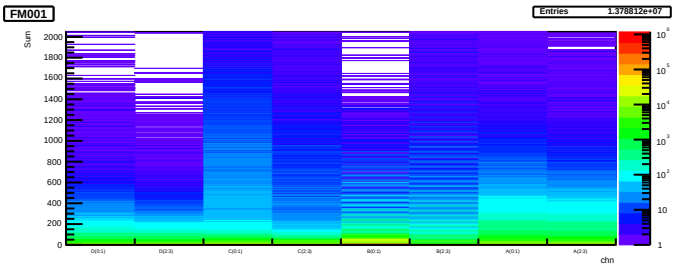

Entries 1723515
BBC-S TAC Diff
ZDC TAC Diff

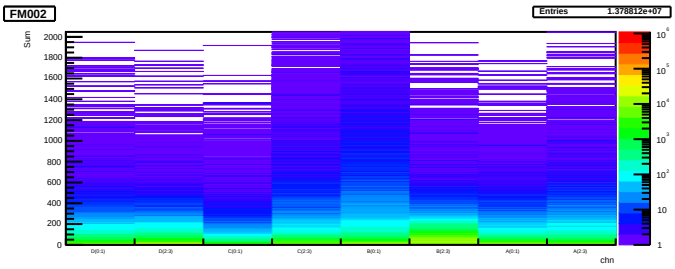

Input to QT1 crate (south-top)
Entries 6.258134e+07
ADC
channel

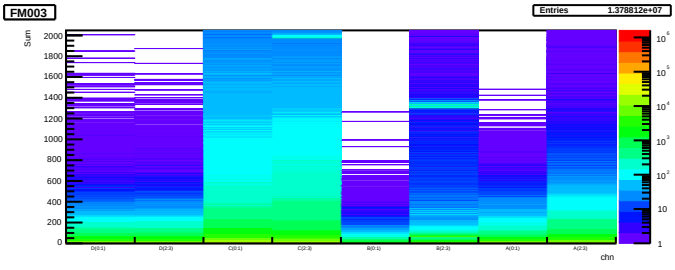

Input to QT3 crate (north-top)
Entries 6.638038e+07
ADC
channel

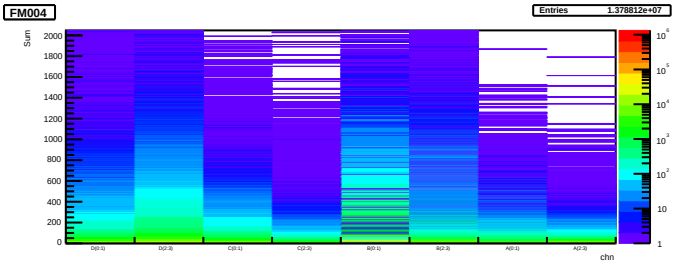

Input to QT2 crate (south-bottom)
Entries 7.155776e+07
ADC
channel

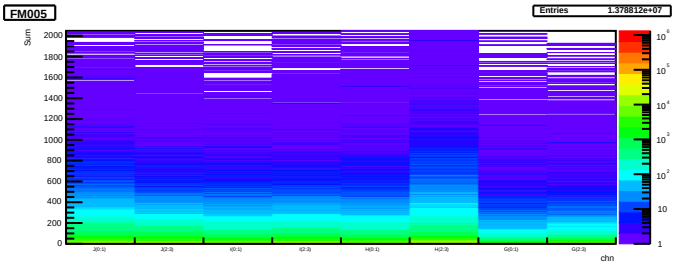

Input to QT4 crate (north-bottom)
Entries 5.671153e+07
ADC
channel

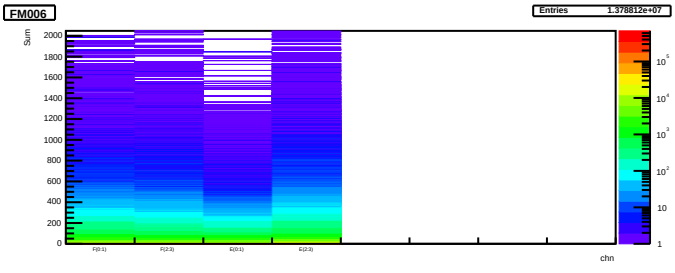

FM001
Entries 1.378812e+07
Sum
chn

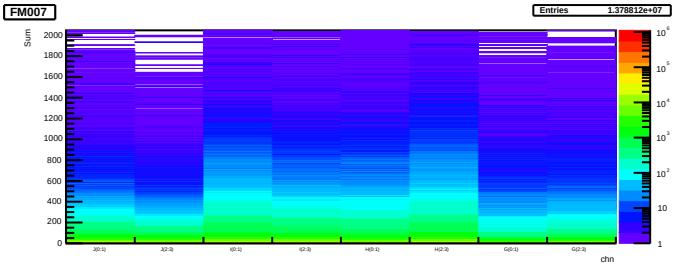

FM002
Entries 1.378812e+07
Sum
chn

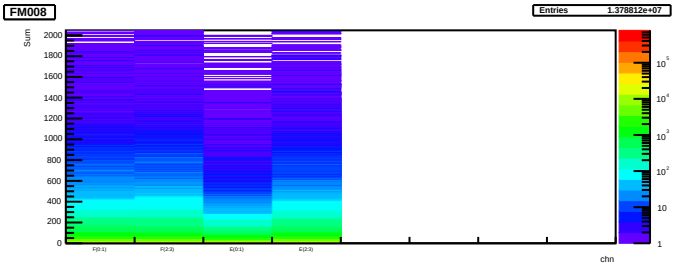

FM003
Entries 1.378812e+07
Sum
chn

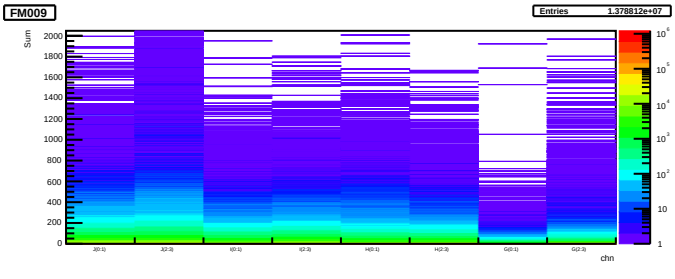

FM004
Entries 1.378812e+07
Sum
chn


FM005
Entries 1.378812e+07
Sum
chn


FM006
Entries 1.378812e+07
Sum
chn


FM007
Entries 1.378812e+07
Sum
chn


FM008
Entries 1.378812e+07
Sum
chn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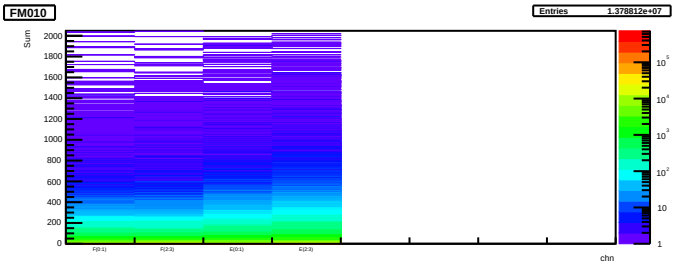
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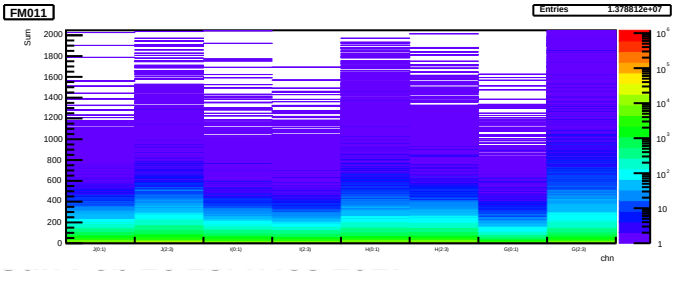
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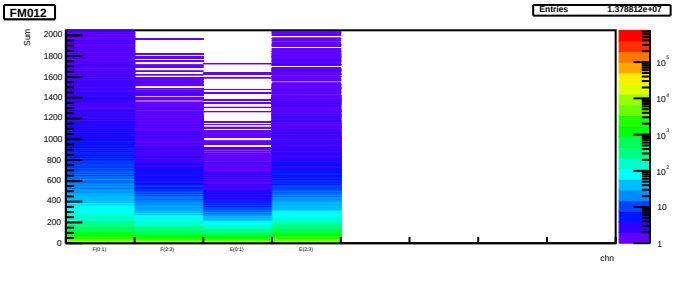
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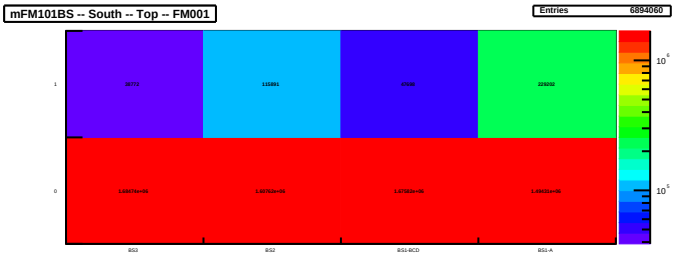
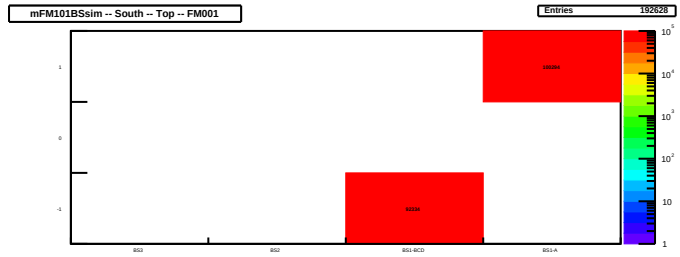
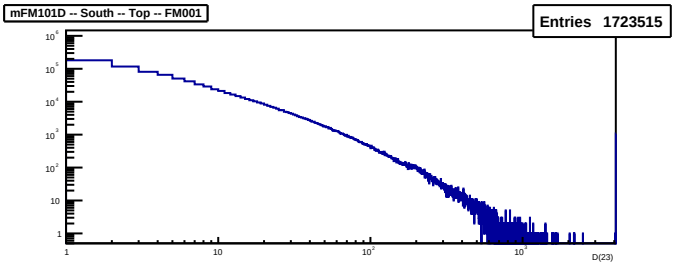

mFM101BS -- South -- Top -- FM001
Entries 6894060


mFM101BSsim -- South -- Top -- FM001
Entries 192628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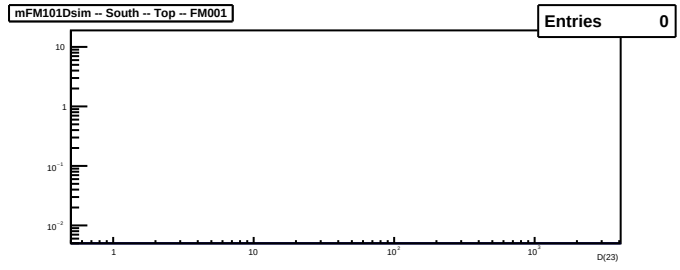
Entries 1723515
D(23)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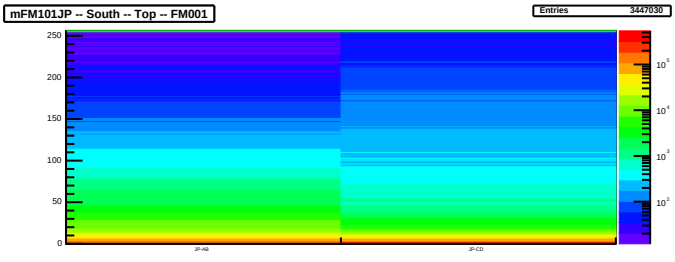
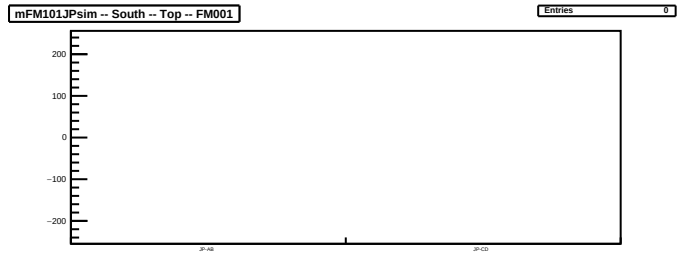
D(23)


mFM101JP -- South -- Top -- FM001
Entries 3447030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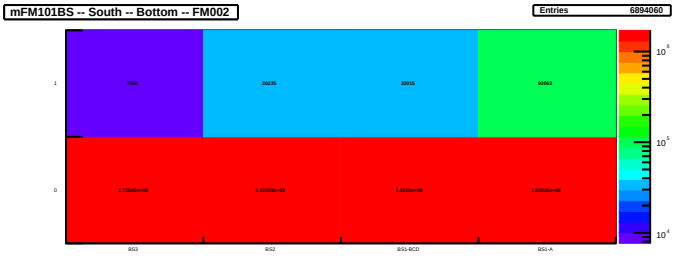
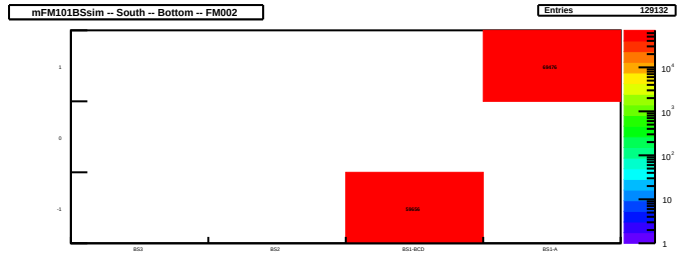

mFM101BS -- South -- Bottom -- FM002
Entries 6894060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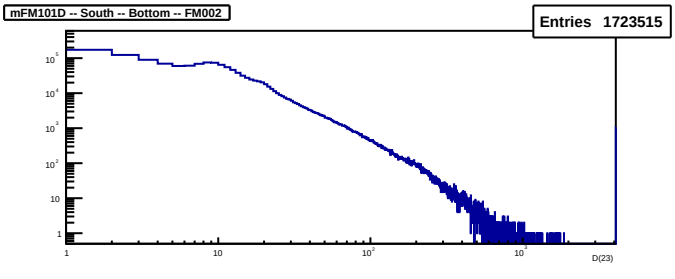
Entries 129132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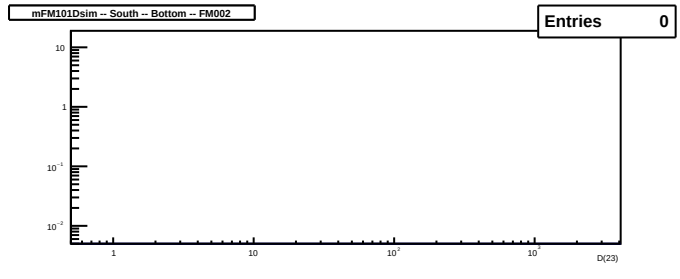
Entries 1723515
D(23)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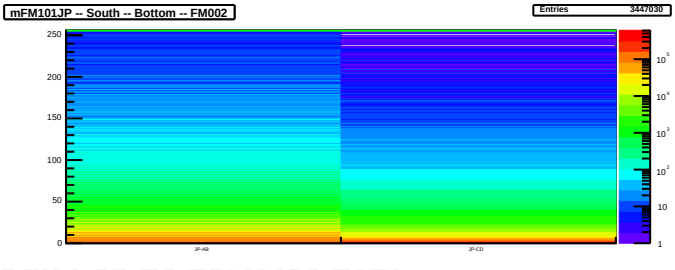
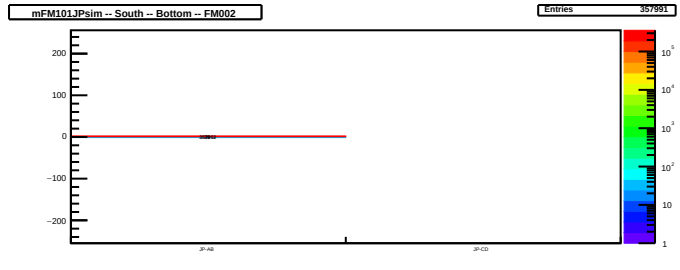
Entries 0
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 3447030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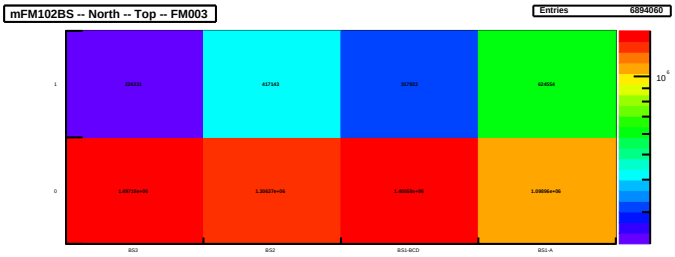
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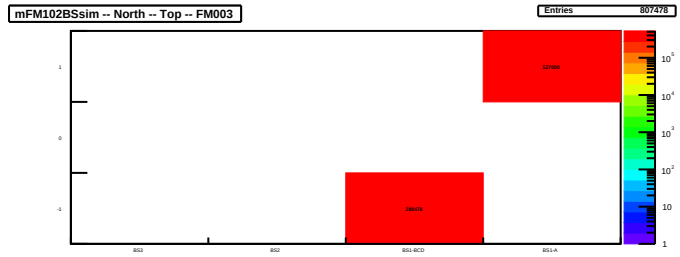
Entries 6894060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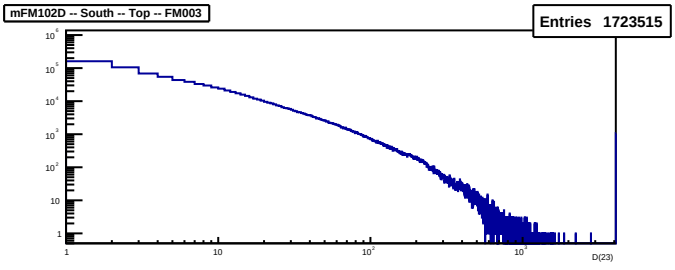
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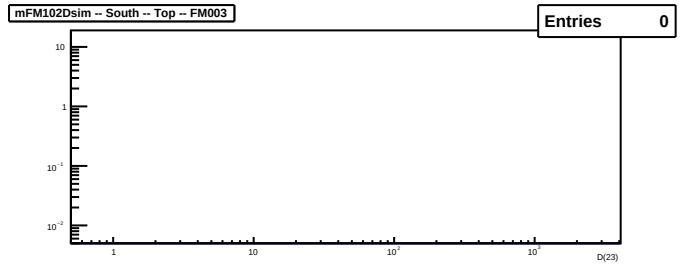
Entries 1723515
D(23)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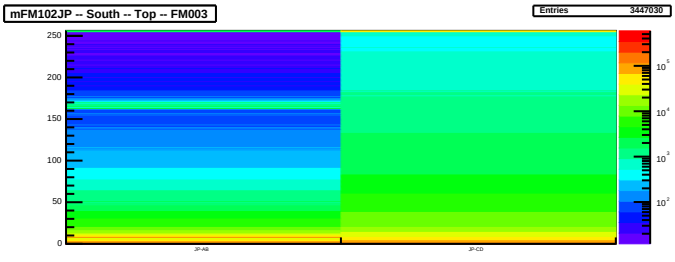
D(23)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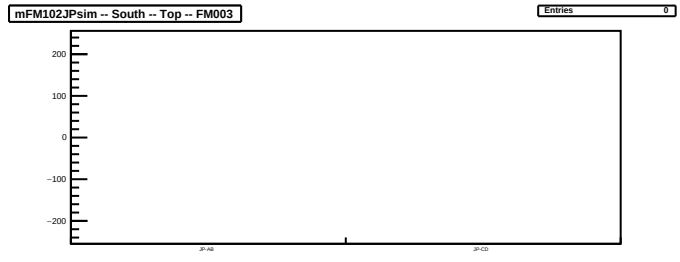
Entries 3447030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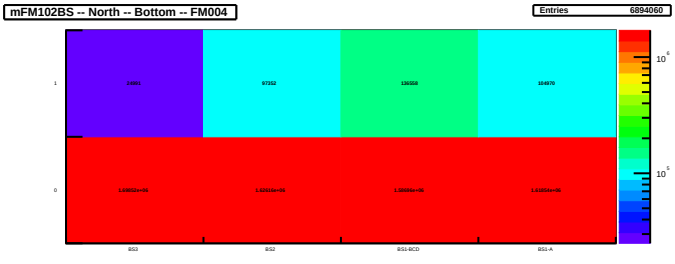
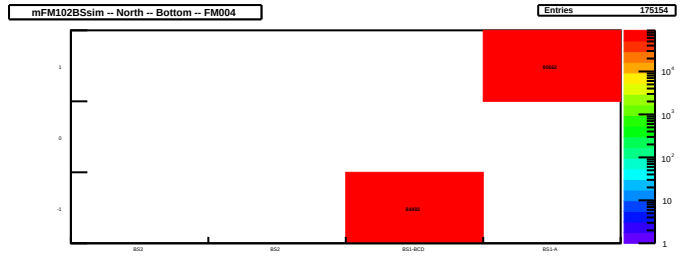

mFM102BS -- North -- Bottom -- FM004
Entries 6894060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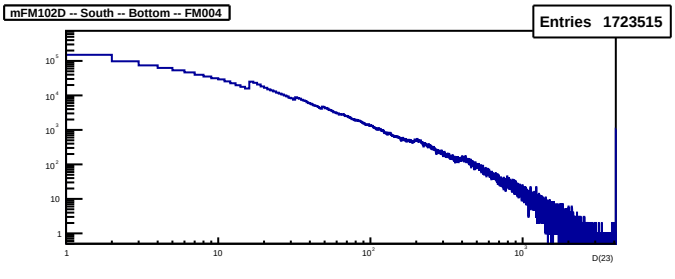
Entries 175154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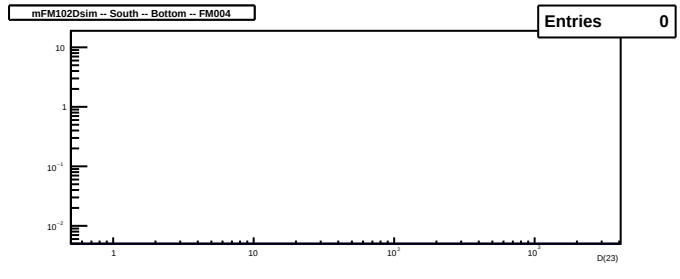
Entries 1723515
D(23)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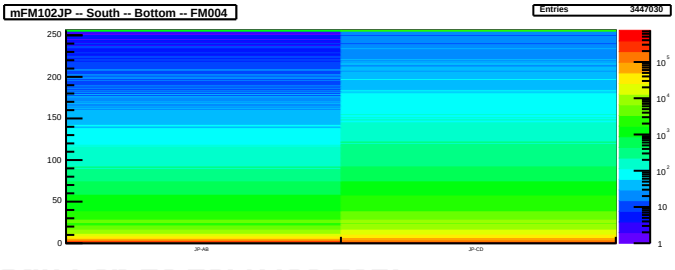
Entries 0
D(23)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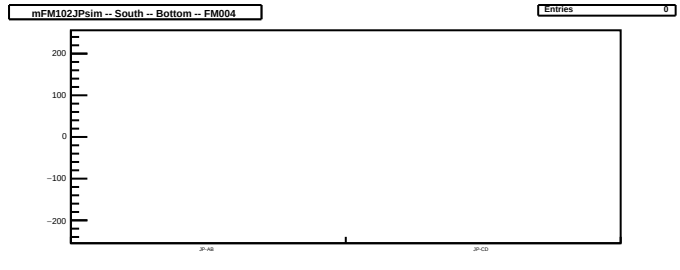
Entries 3447030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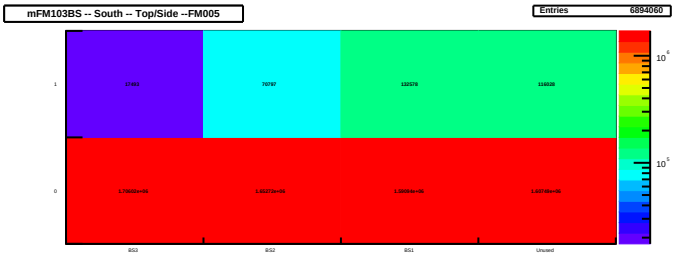
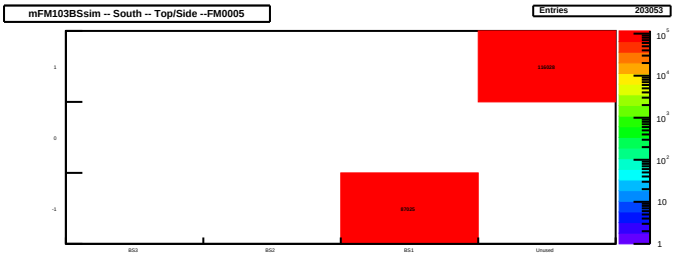
Entries 0


mFM103BS -- South -- Top/Side --FM005
Entries 6894060
BS3
BS2
BS1
Unused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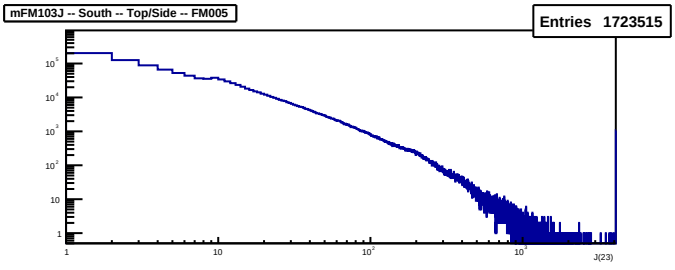
Entries 203053
BS3
BS2
BS1
Unused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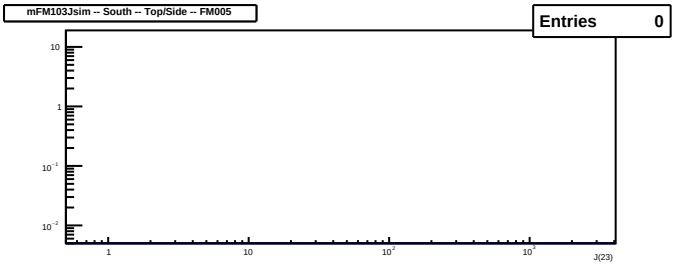
Entries 1723515
J(23)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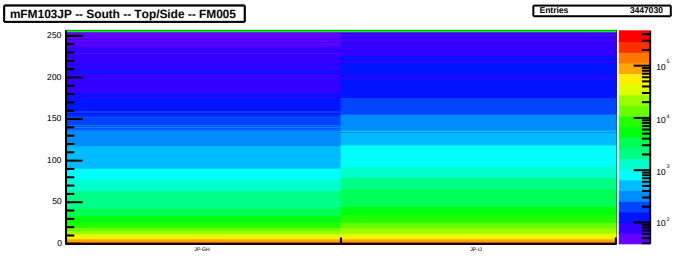
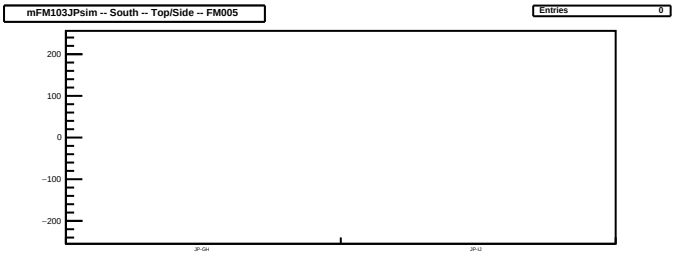
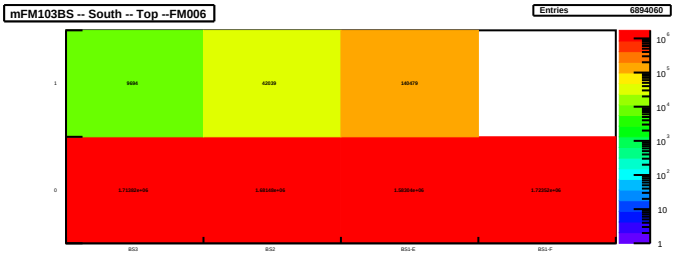
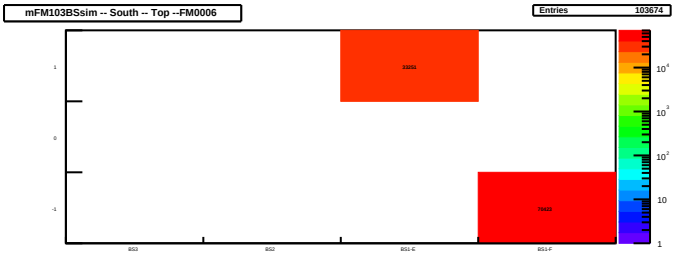
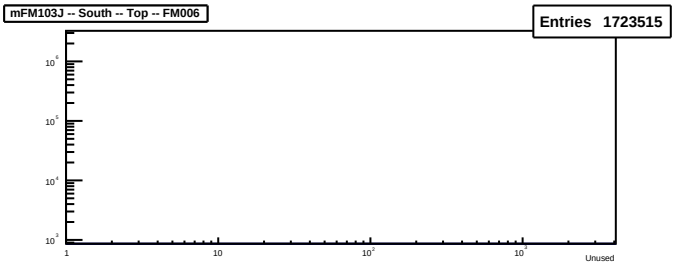
Entries 0
J(23)

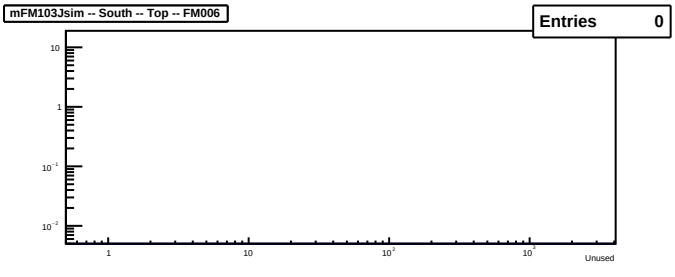

mFM103JP -- South -- Top/Side -- FM005
Entries 3447030
JP-GH
JP-IJ

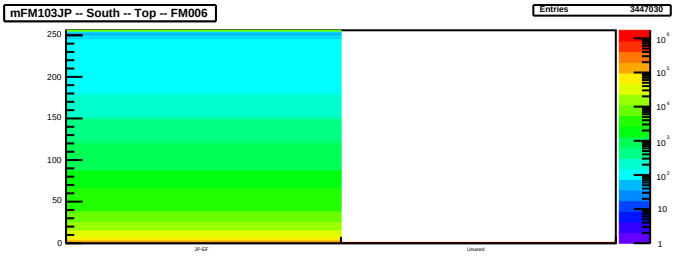

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Top --FM006
Entries 6894060
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 103674
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 1723515
Unused


mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused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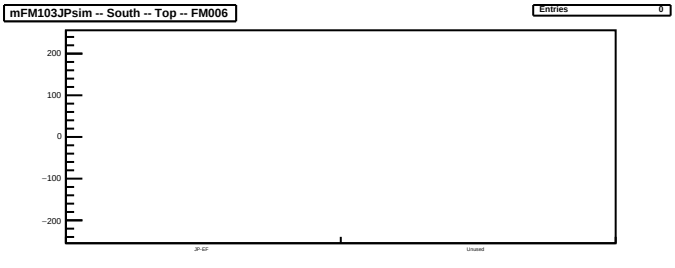
Entries 3447030
JP-EF
Unused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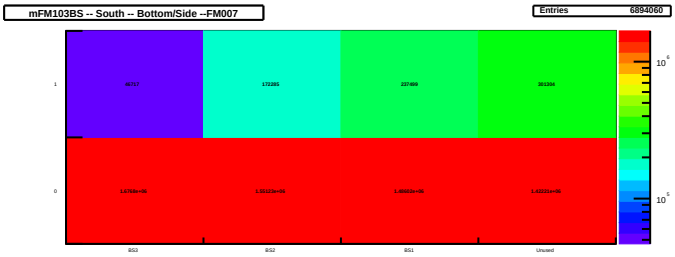
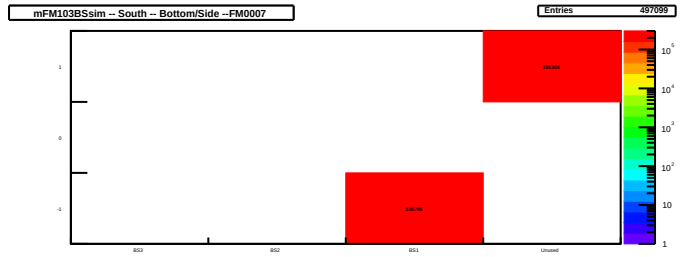
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 6894060
BS3
BS2
BS1
Unused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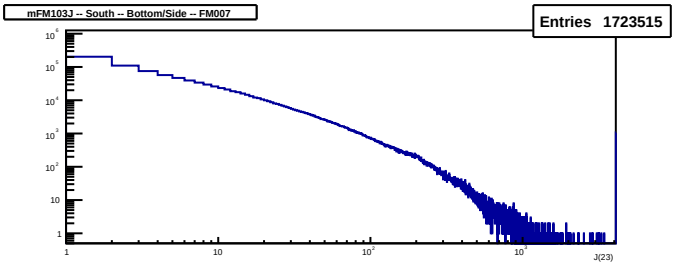
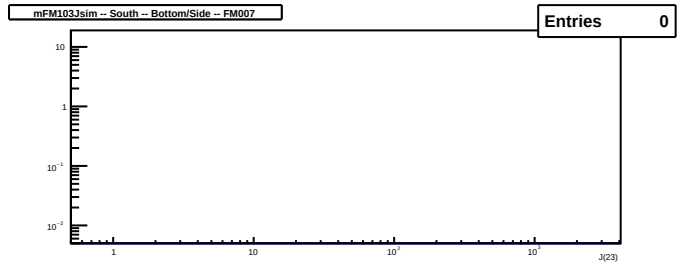
Entries 497099
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 1723515
J(23)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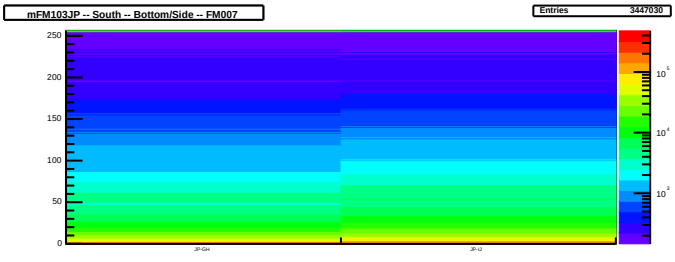
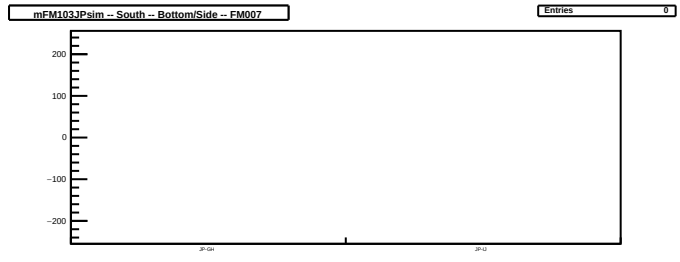
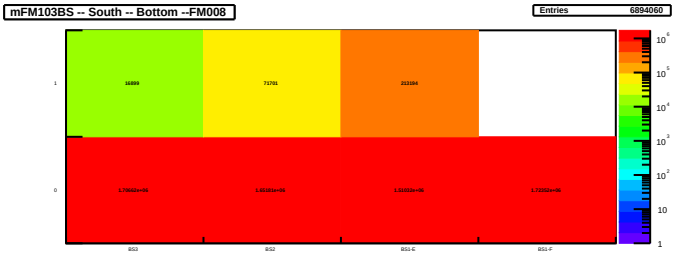
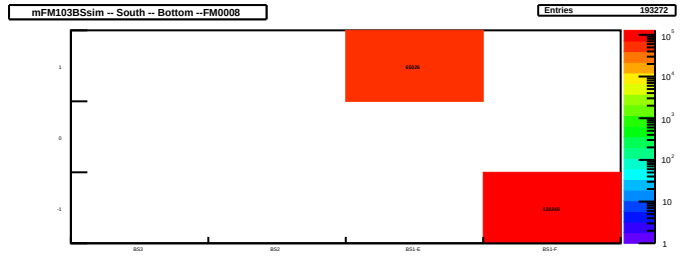
Entries 0
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 3447030
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 6894060
BS3
BS2
BS1-E
BS1-F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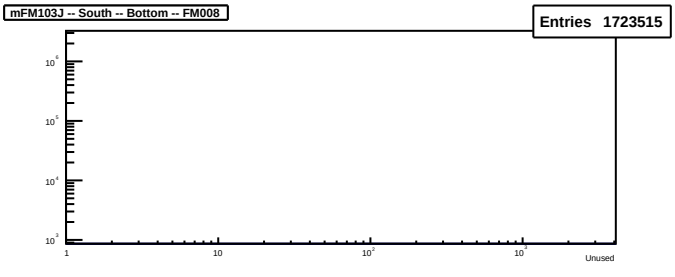
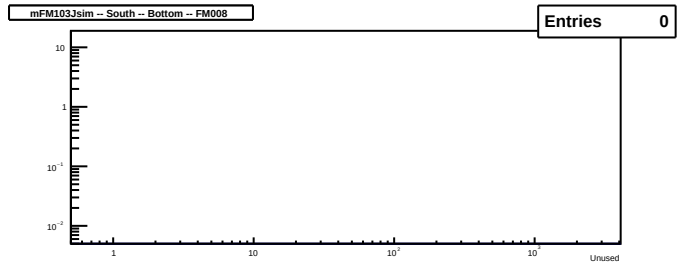
Entries 193272
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 1723515
Unused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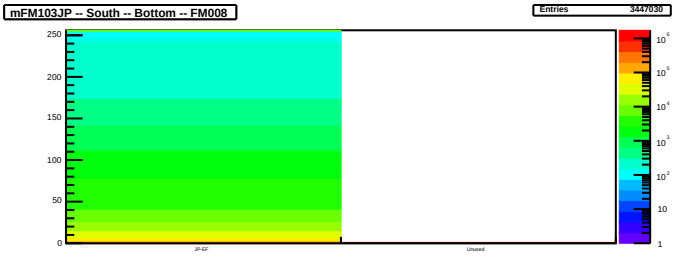
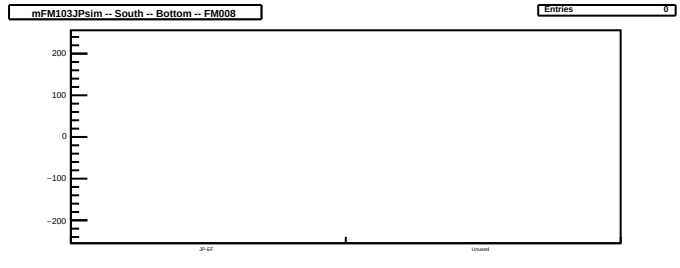
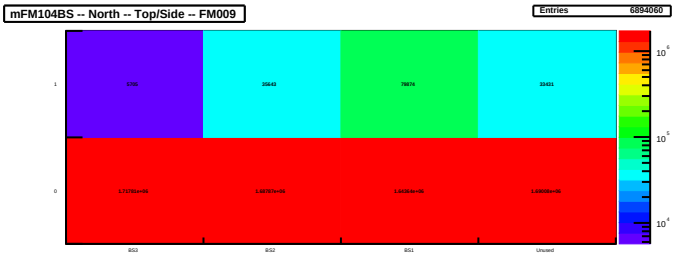
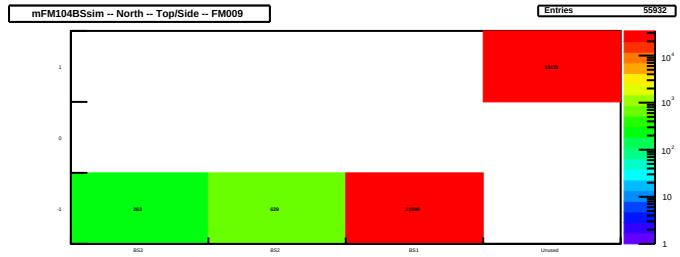
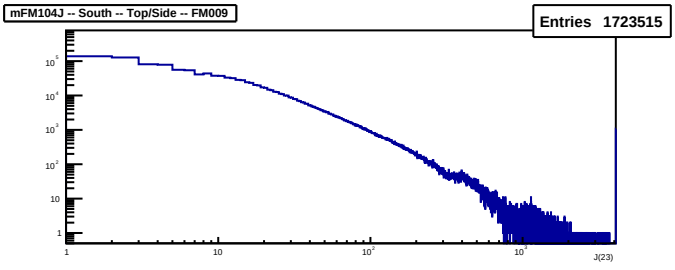
Entries 0
Unused

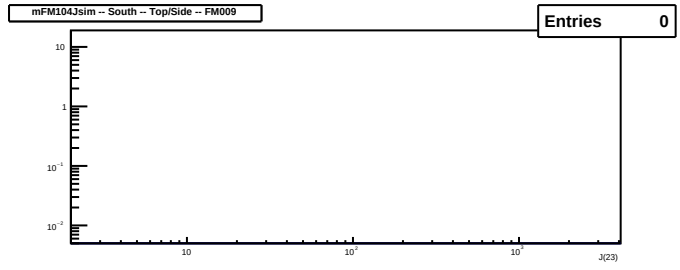

mFM103JP -- South -- Bottom -- FM008
Entries 3447030
JP-EF
Unused

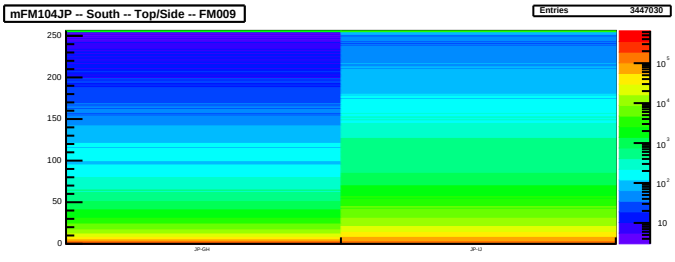

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

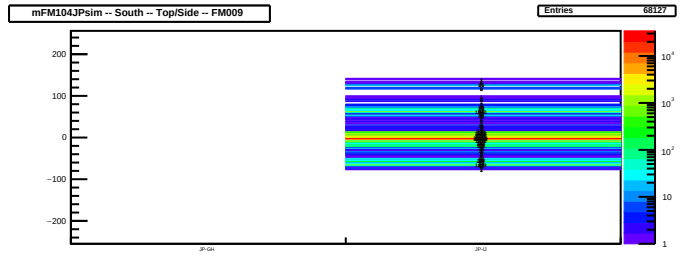

mFM104BS -- North -- Top/Side -- FM009
Entries 6894060
5705
35643
79874
33431
1.72781e+06
1.68767e+06
1.64364e+06
1.60608e+06
BS3
BS2
BS1
Unused

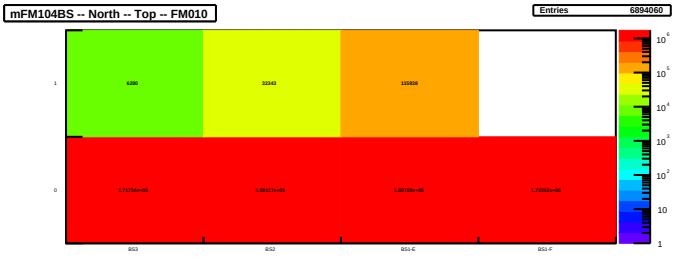

mFM104BSsim -- North -- Top/Side -- FM009
Entries 55932
33431
363
639
21590
BS3
BS2
BS1
Unused

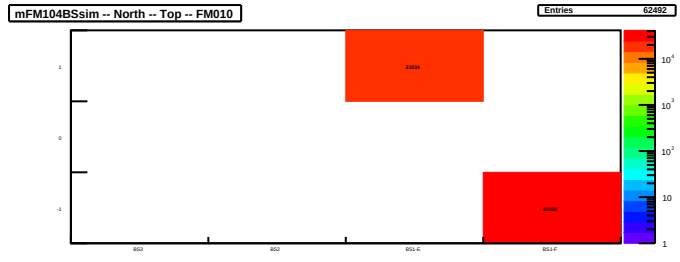

mFM104J -- South -- Top/Side -- FM009
Entries 1723515
J(23)

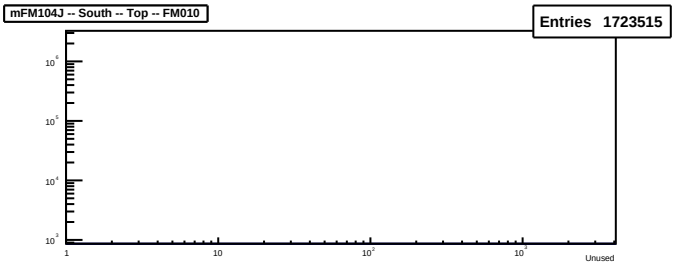

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

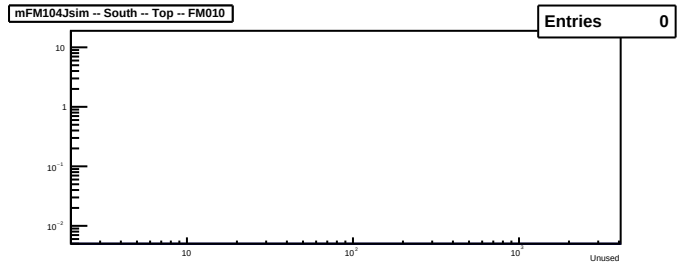

mFM104JP -- South -- Top/Side -- FM009
Entries 3447030
JP-G4
JP-U

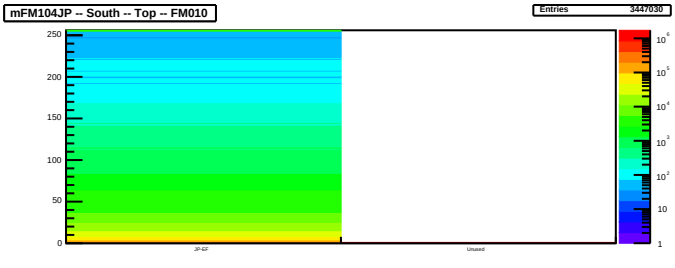

mFM104JPsim -- South -- Top/Side -- FM009
Entries 68127
JP-G4
JP-U


mFM104BS -- North -- Top -- FM010
Entries 6894060
6289
32343
159938
1.73724e+06
1.69117e+06
1.66759e+06
1.72152e+06
BS3
BS2
BS1-E
BS1-F

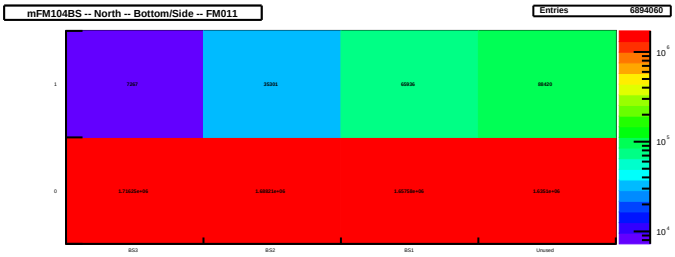

mFM104BSsim -- North -- Top -- FM010
Entries 62492
23034
41458
BS3
BS2
BS1-E
BS1-F

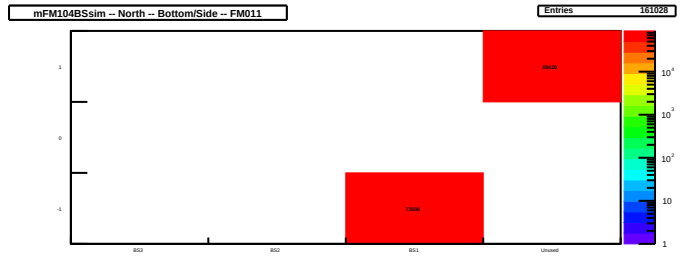

mFM104J -- South -- Top -- FM010
Entries 1723515
Unused

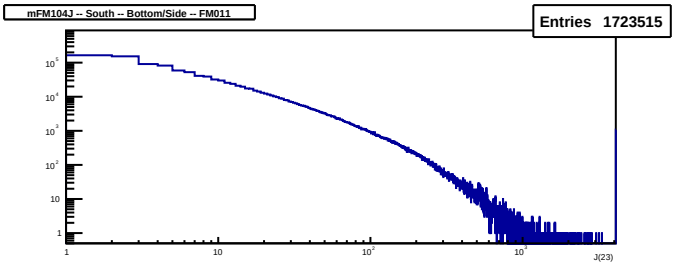

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

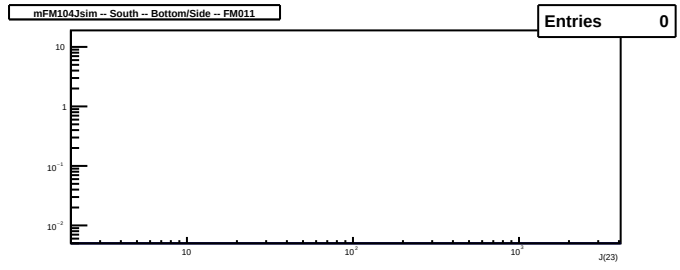

mFM104JP -- South -- Top -- FM010
Entries 3447030
JP-EF
Unused

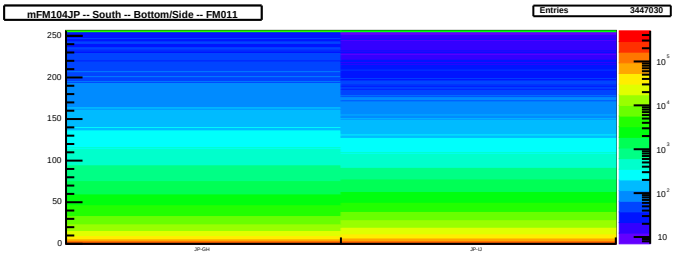
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

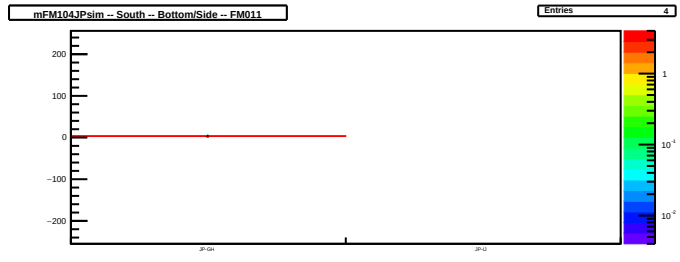

mFM104BS -- North -- Bottom/Side -- FM011
Entries 6894060
7267
35391
65836
86420
1.71625e+06
1.68921e+06
1.65758e+06
1.63631e+06
BS3
BS2
BS1
Unused

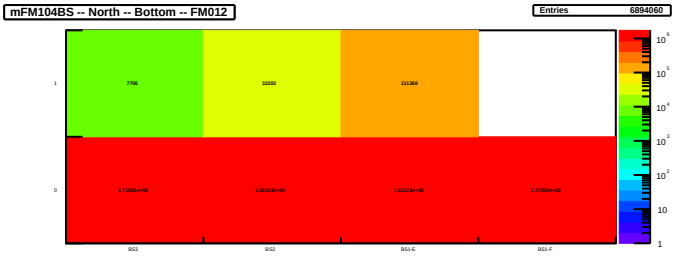

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 161028
86420
72608
BS3
BS2
BS1
Unused

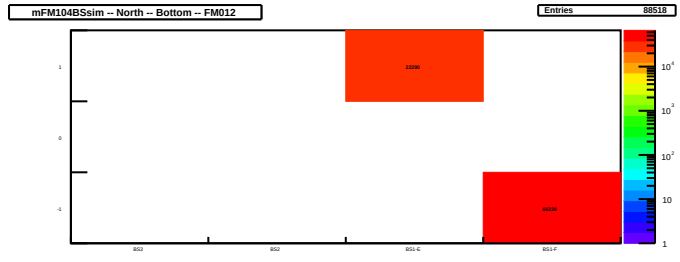

mFM104J -- South -- Bottom/Side -- FM011
Entries 1723515
J(23)

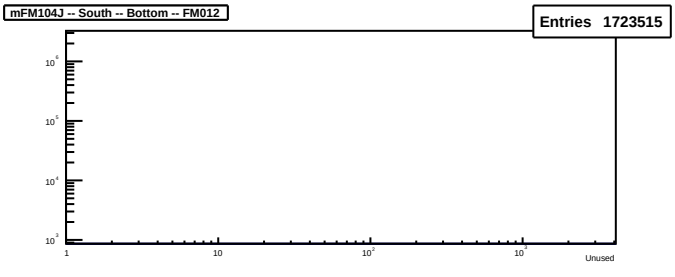

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

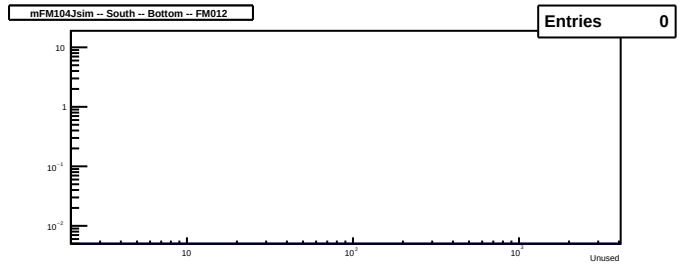

mFM104JP -- South -- Bottom/Side -- FM011
Entries 3447030
JP-GH
JP-IJ

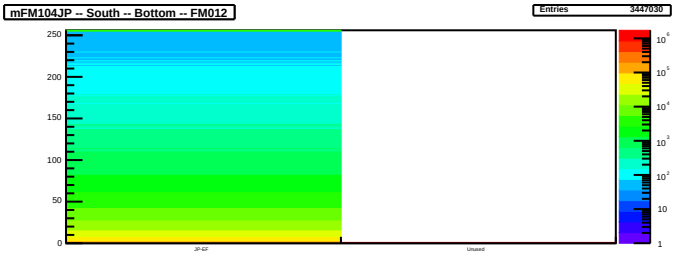

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 4
JP-GH
JP-IJ

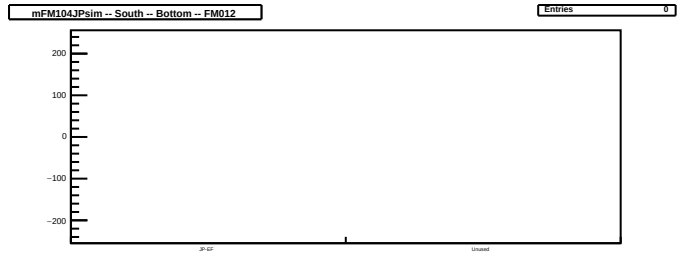

mFM104BS -- North -- Bottom -- FM012
Entries 6894060
7786
32282
111369
1.71581e+06
1.69123e+06
1.61215e+06
1.72152e+06
BS3
BS2
BS1-E
BS1-F

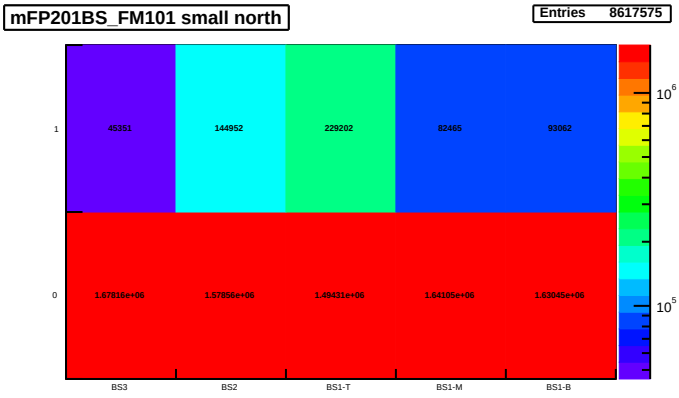

mFM104BSsim -- North -- Bottom -- FM012
Entries 88518
22296
66228
BS3
BS2
BS1-E
BS1-F

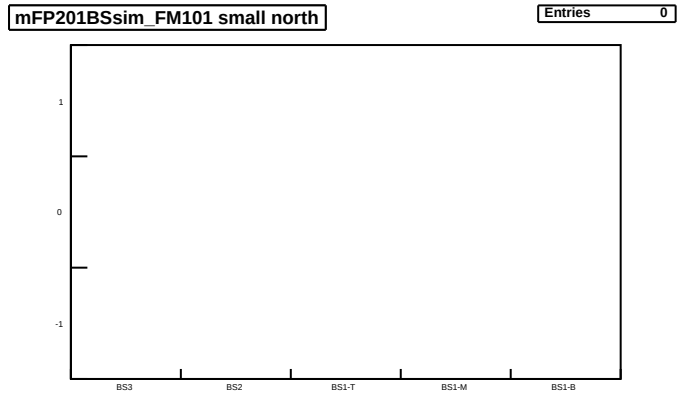

mFM104J -- South -- Bottom -- FM012
Entries 1723515
Unused

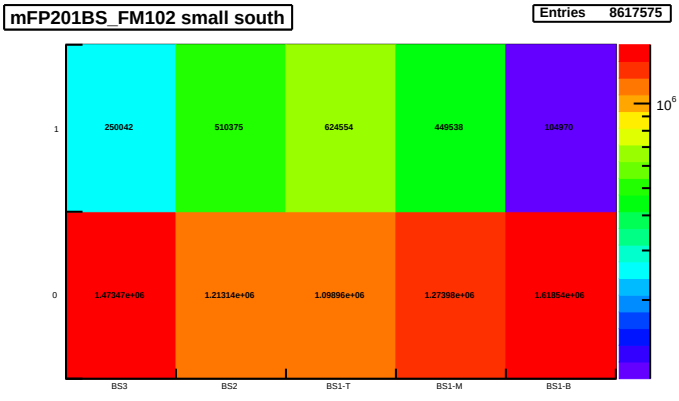

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

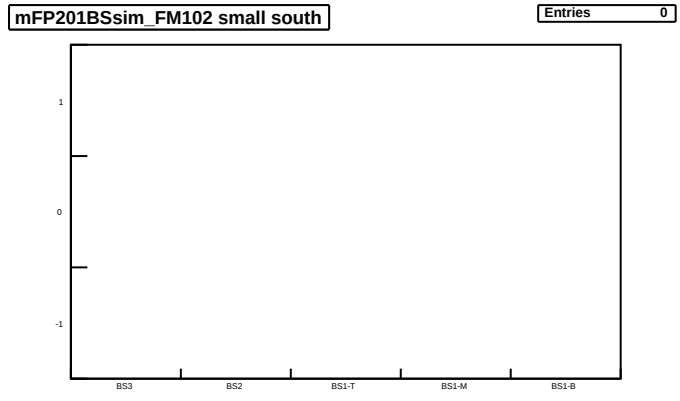

mFM104JP -- South -- Bottom -- FM012
Entries 3447030
JP-EF
Unused

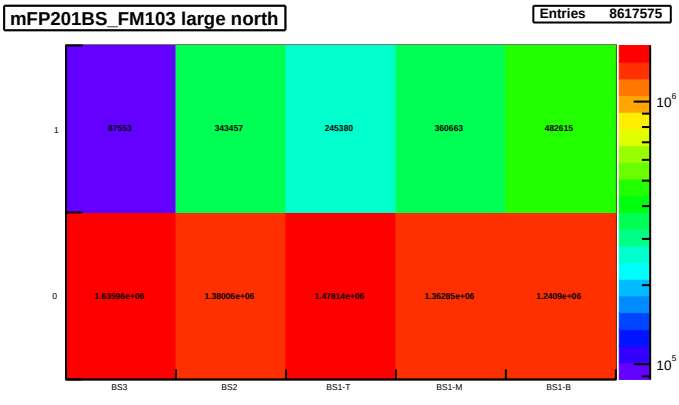

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

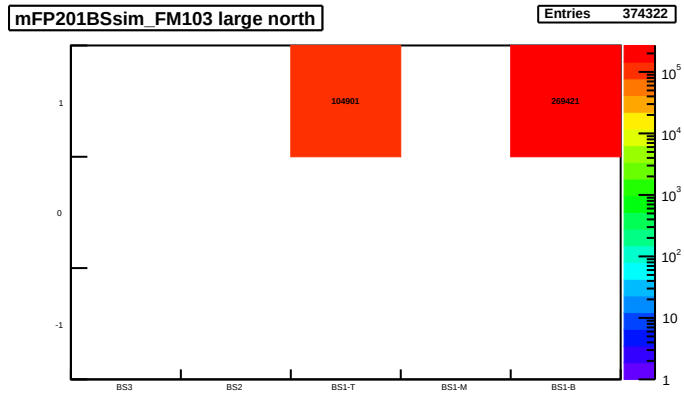

mFP201BS_FM101 small north
Entries 8617575
45351
144952
229202
82465
93062
1.67816e+06
1.57856e+06
1.49431e+06
1.64105e+06
1.63045e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

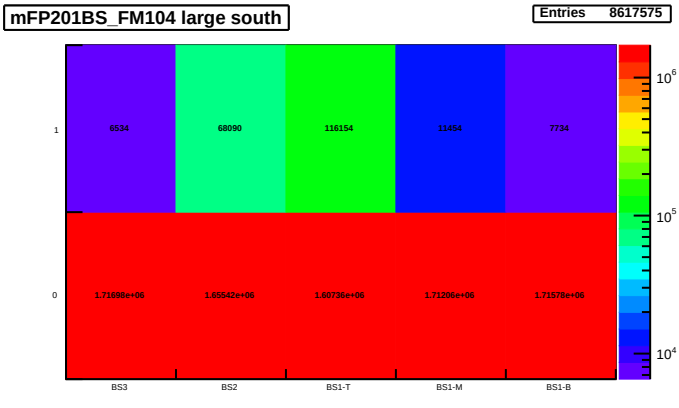

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

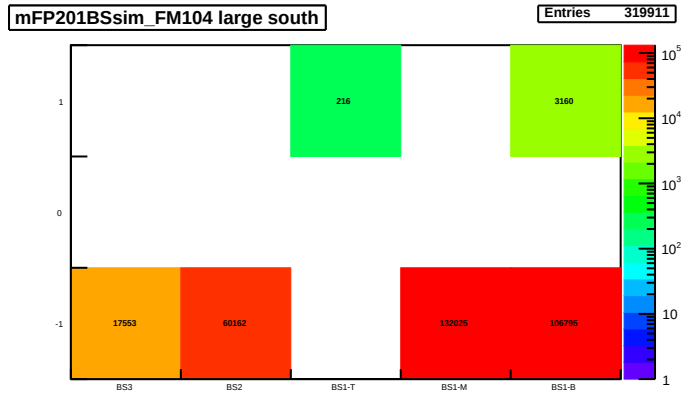

mFP201BS_FM102 small south
Entries 8617575
250042
510375
624554
449538
104970
1.47347e+06
1.21314e+06
1.09896e+06
1.27398e+06
1.61854e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

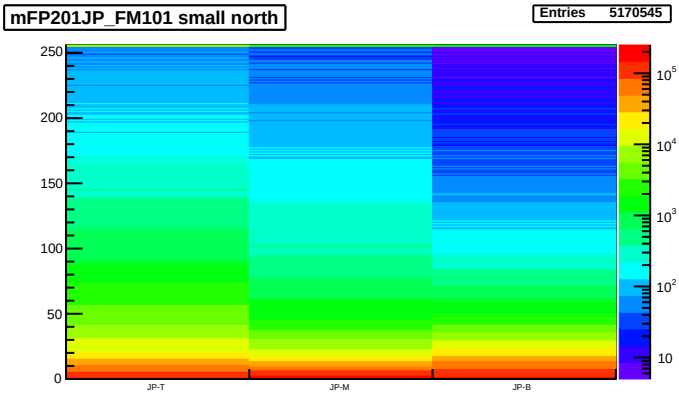

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

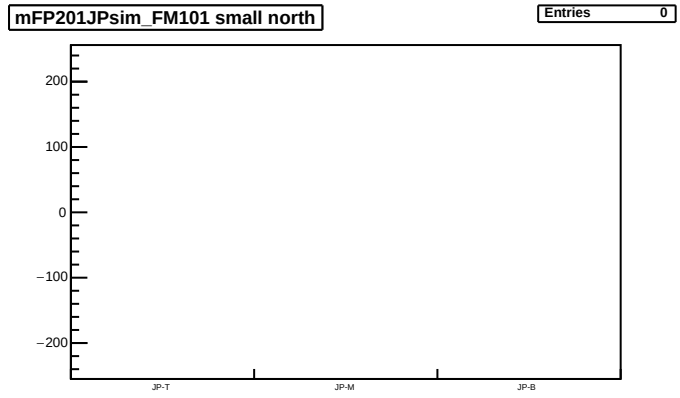

mFP201BS_FM103 large north
Entries 8617575
87553
343457
245380
360663
482615
1.63596e+06
1.38006e+06
1.47814e+06
1.36285e+06
1.2409e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

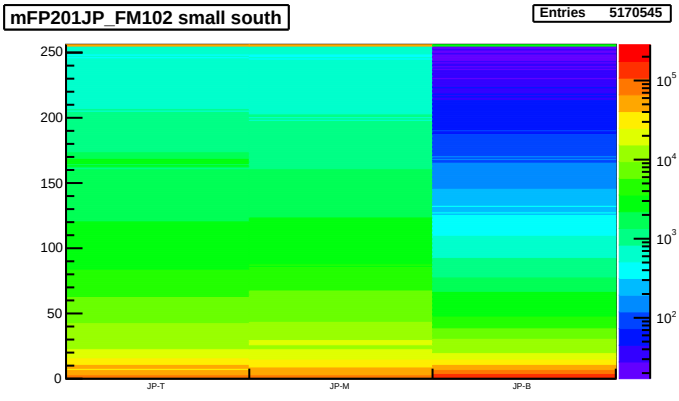

mFP201BSsim_FM103 large north
Entries 374322
104901
269421
BS3
BS2
BS1-T
BS1-M
BS1-B

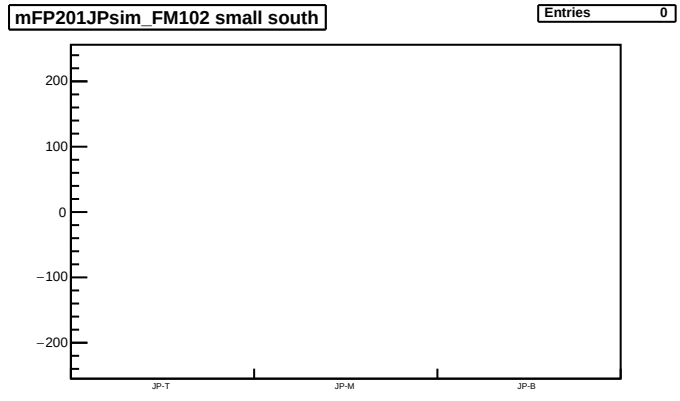

mFP201BS_FM104 large south
Entries 8617575
6534
68090
116154
11454
7734
1.71698e+06
1.65542e+06
1.60736e+06
1.71206e+06
1.71578e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

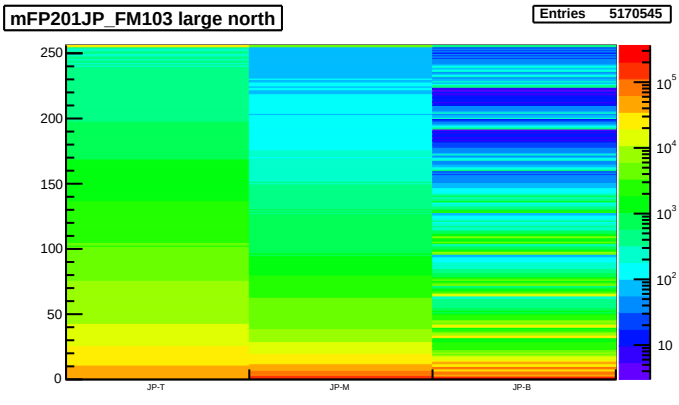

mFP201BSsim_FM104 large south
Entries 319911
216
3160
17553
60162
132025
106795
BS3
BS2
BS1-T
BS1-M
BS1-B

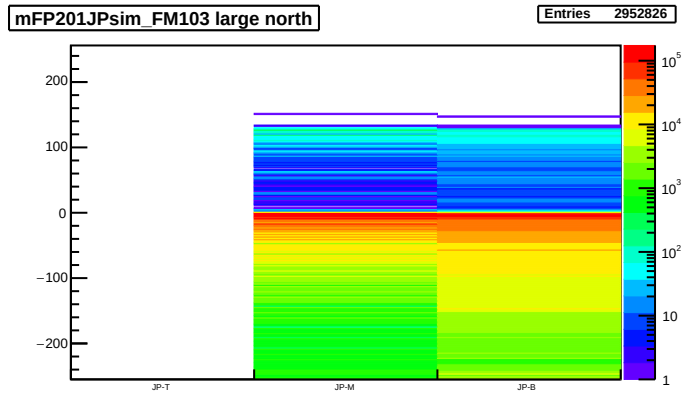

mFP201JP_FM101 small north
Entries 5170545
JP-T
JP-M
JP-B

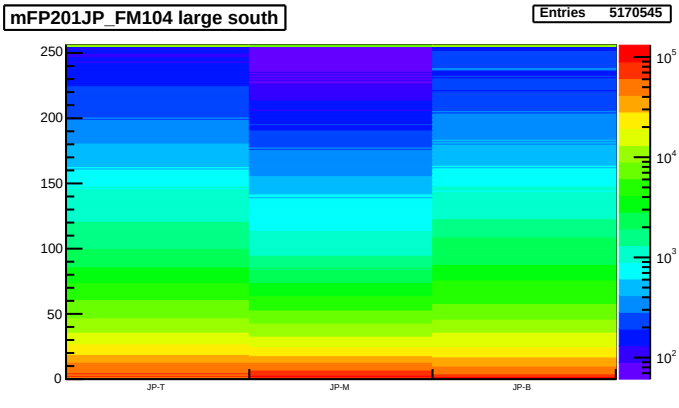

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

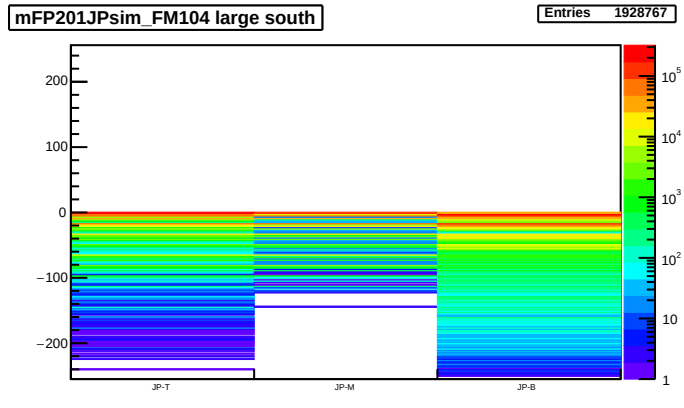

mFP201JP_FM102 small south
Entries 5170545
JP-T
JP-M
JP-B

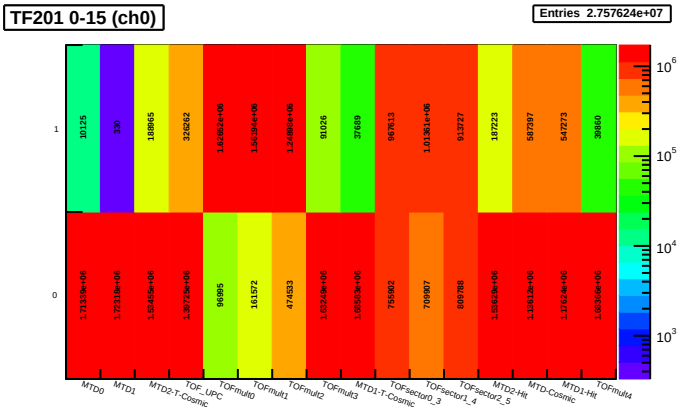

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

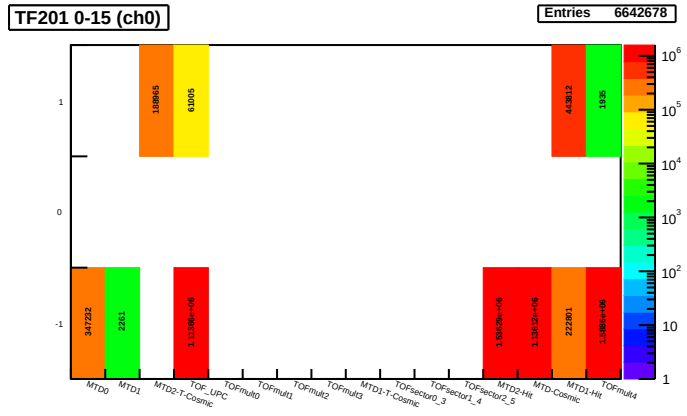

mFP201JP_FM103 large north
Entries 5170545
JP-T
JP-M
JP-B

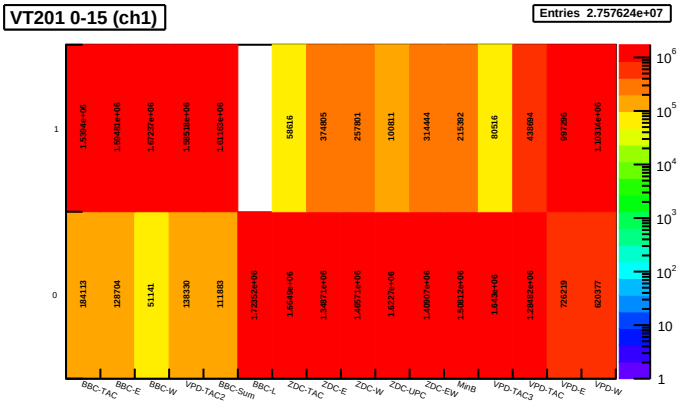

mFP201JPsim_FM103 large north
Entries 2952826
JP-T
JP-M
JP-B

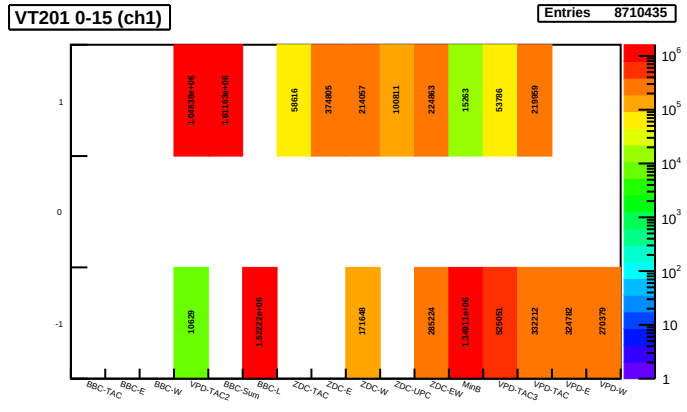

mFP201JP_FM104 large south
Entries 5170545
JP-T
JP-M
JP-B

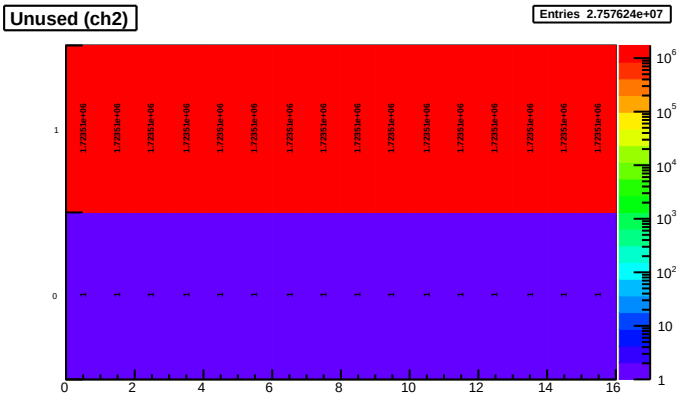

mFP201JPsim_FM104 large south
Entries 1928767
JP-T
JP-M
JP-B

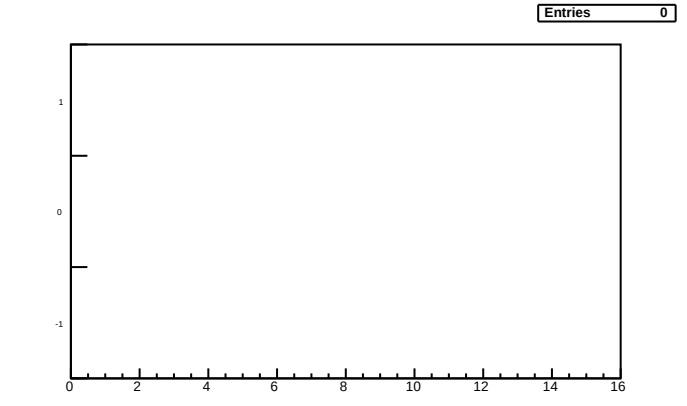

TF201 0-15 (ch0)
Entries 2.757624e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

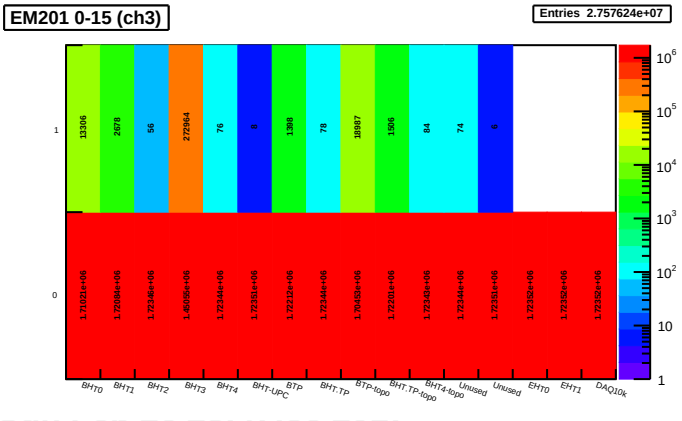

TF201 0-15 (ch0)
Entries 6642678
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4


VT201 0-15 (ch1)
Entries 2.757624e+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 8710435
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 2.757624e+07


Entries 0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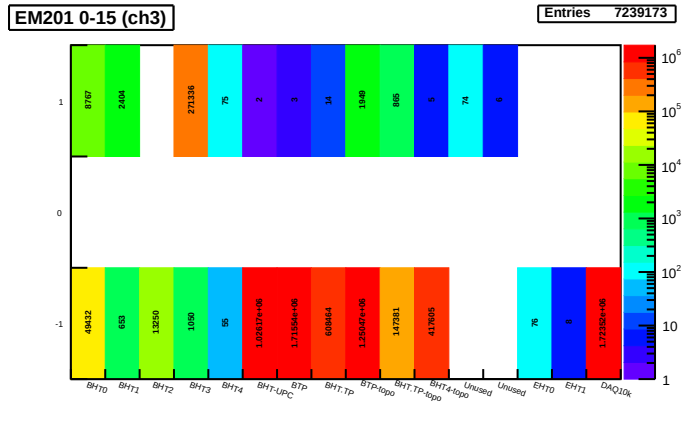
Entries 2.757624e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k


EM201 0-15 (ch3)
Entries 7239173
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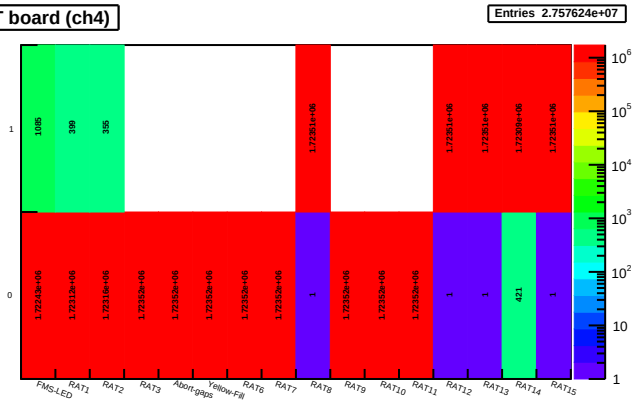
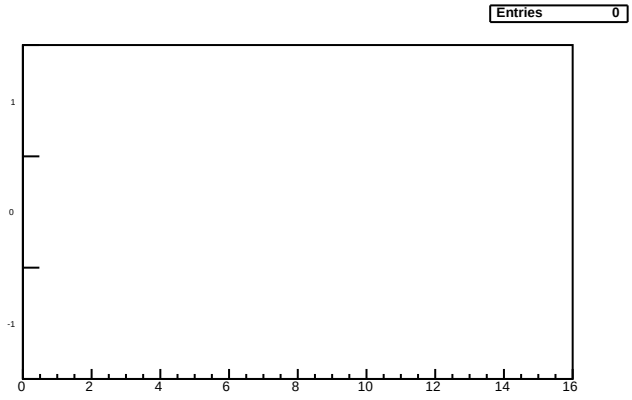
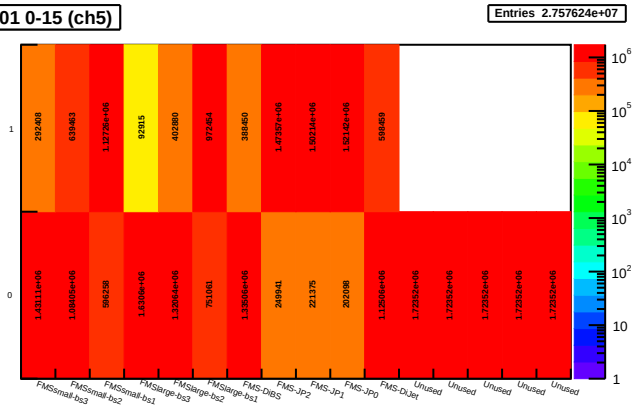
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

RAT board (ch4)

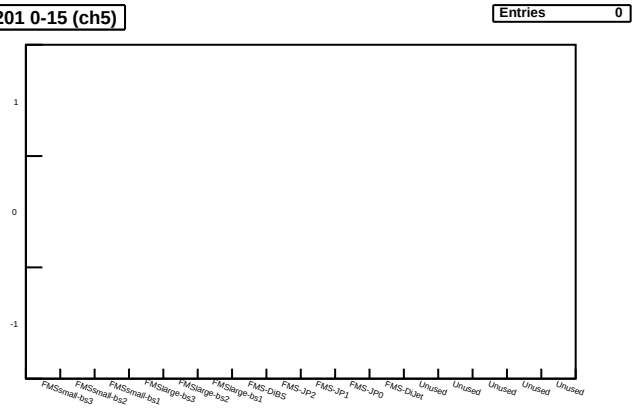




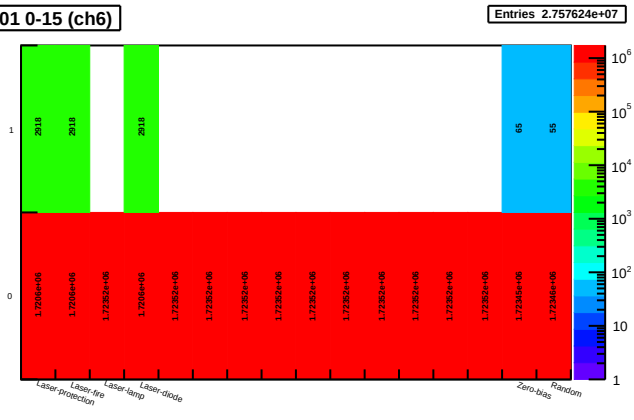
FP201 0-15 (ch5)

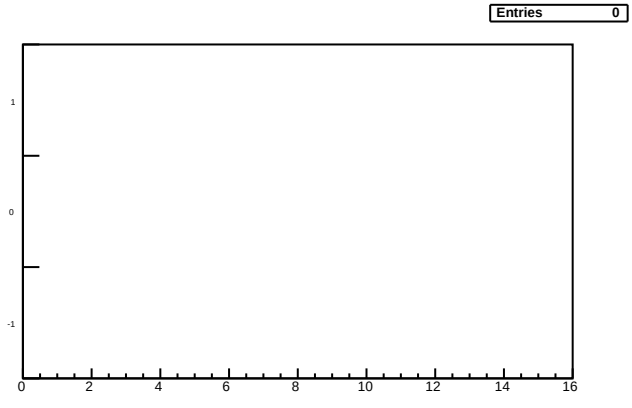
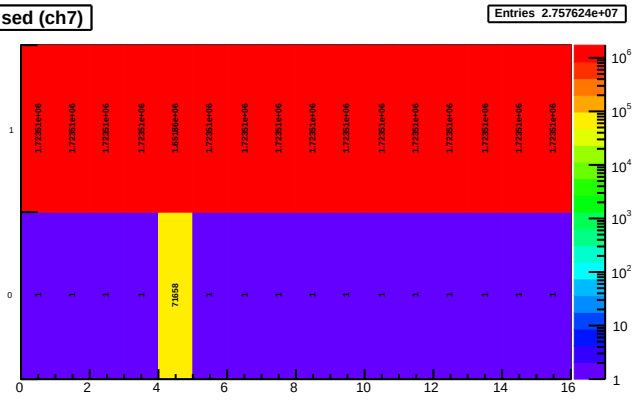
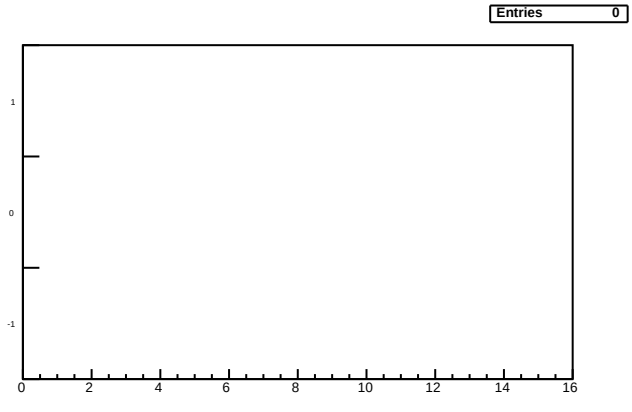


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)