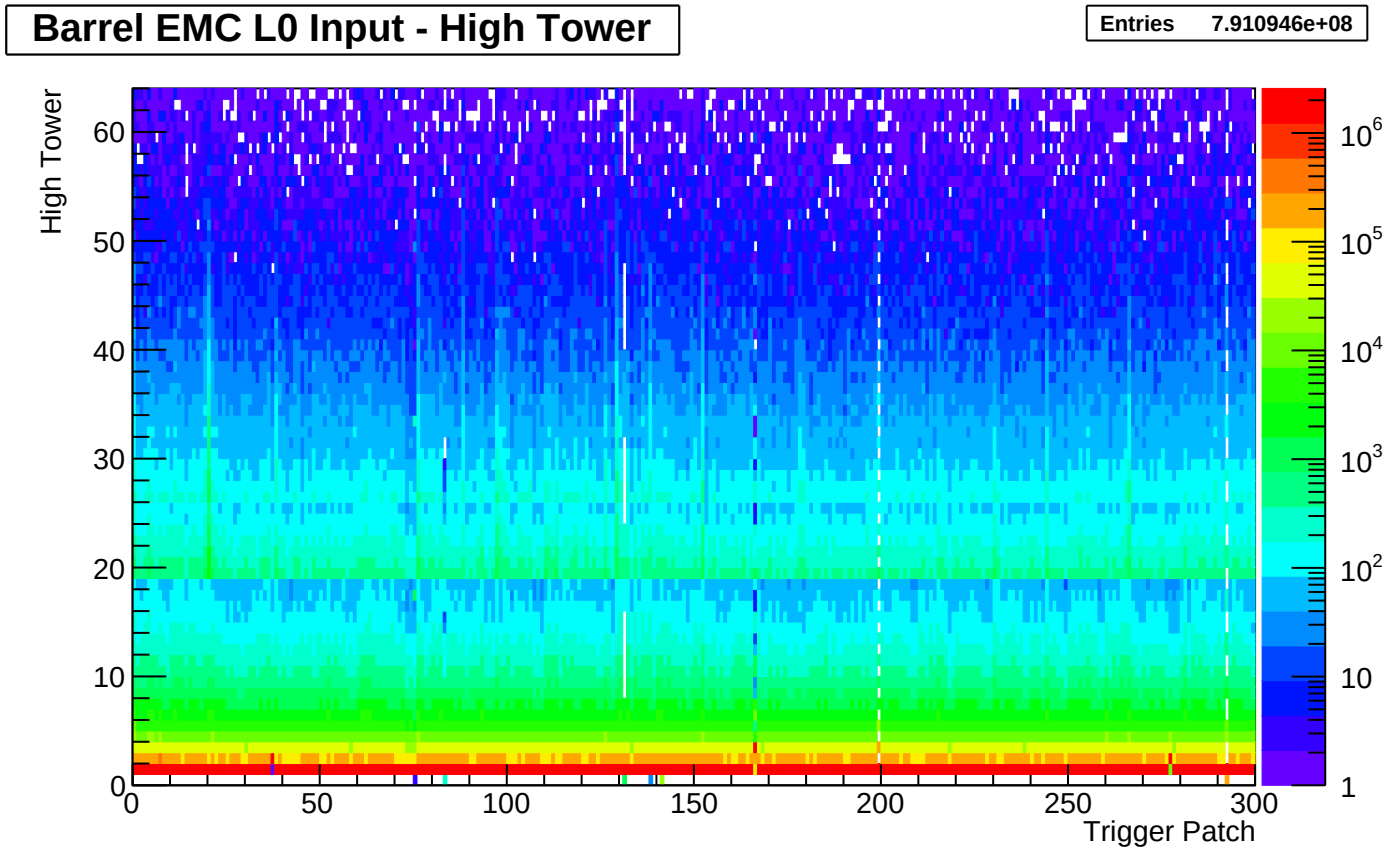
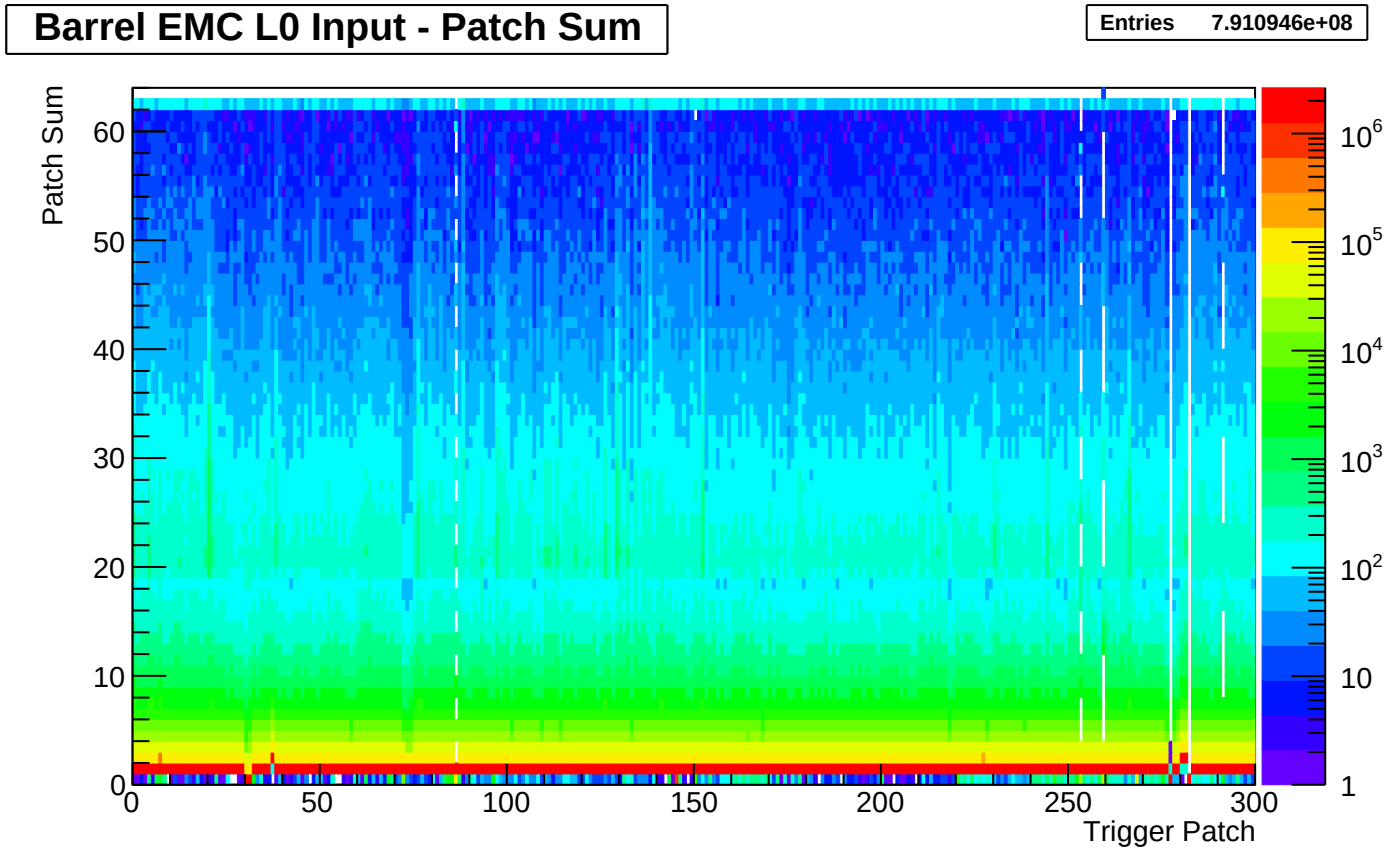
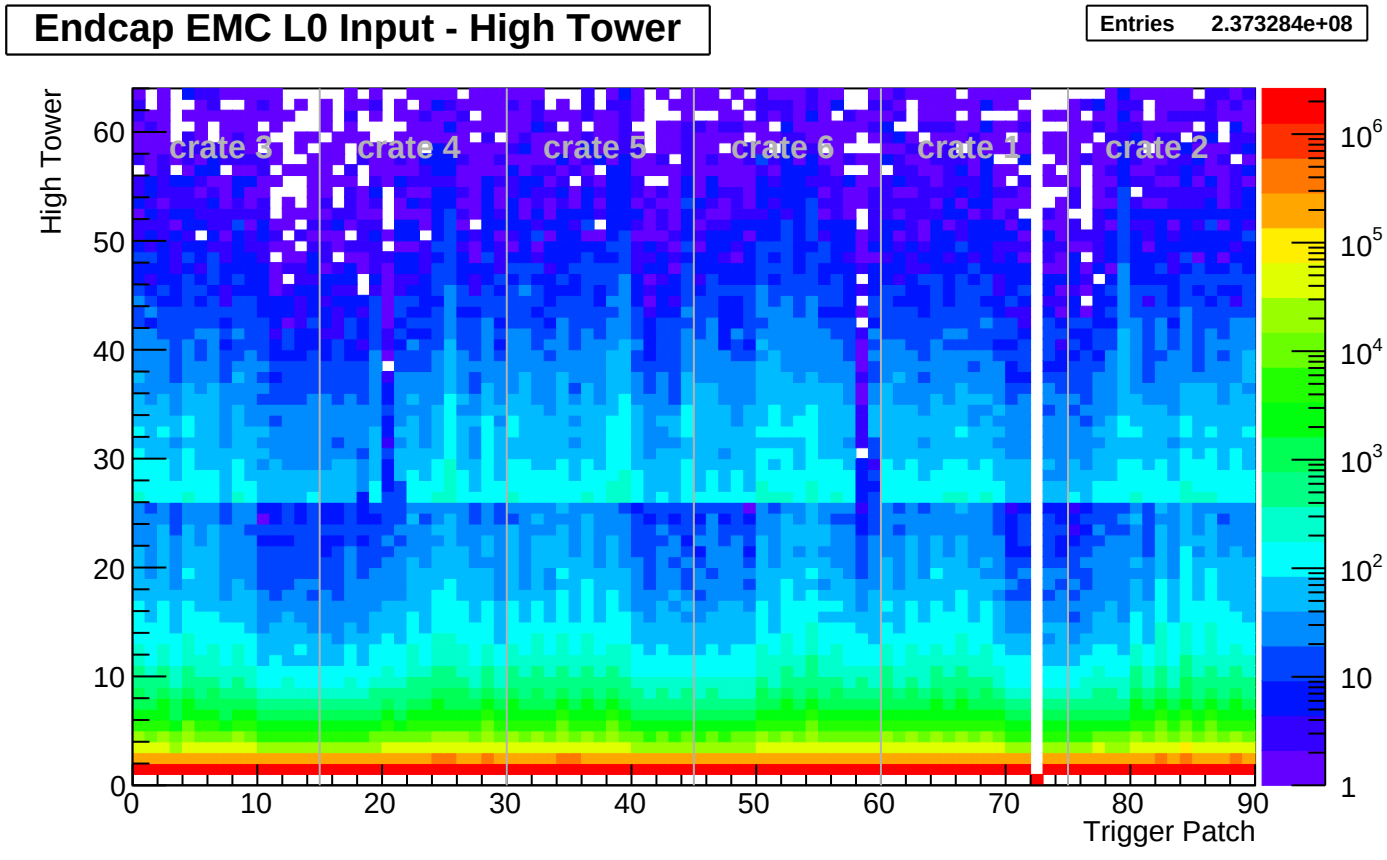
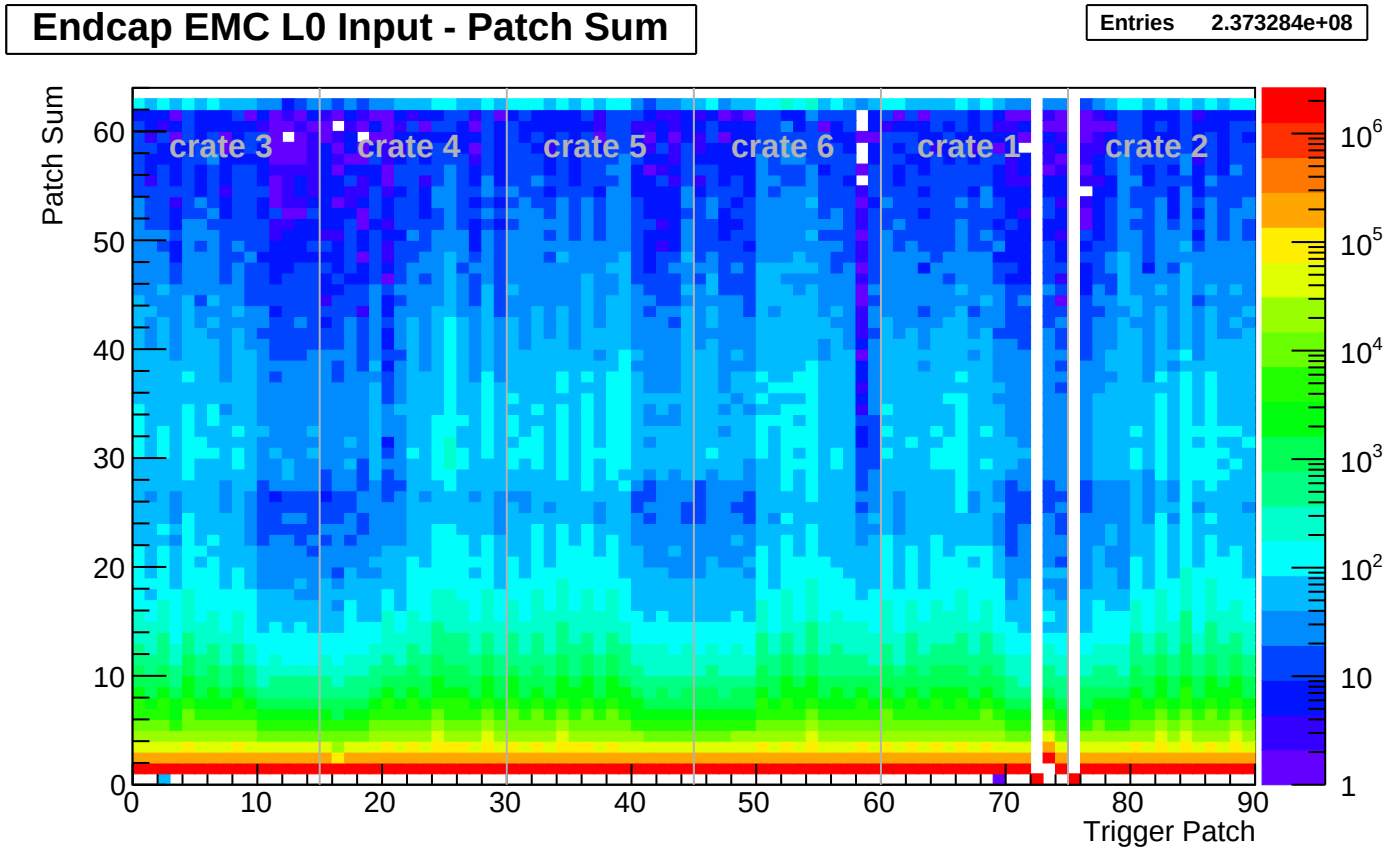
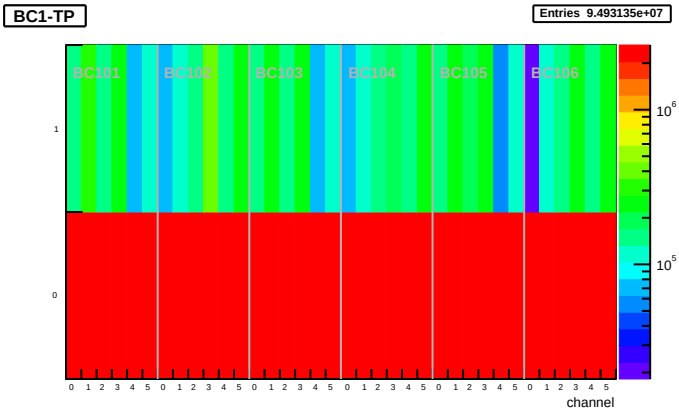
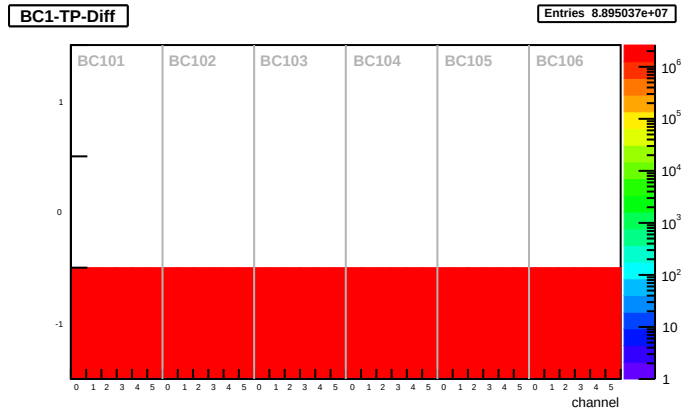

Barrel EMC L0 Input - High Tower
Entries 7.910946e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

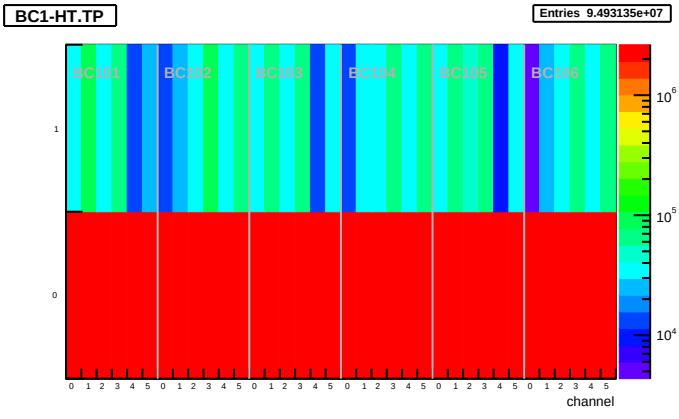

Barrel EMC L0 Input - Patch Sum
Entries 7.910946e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

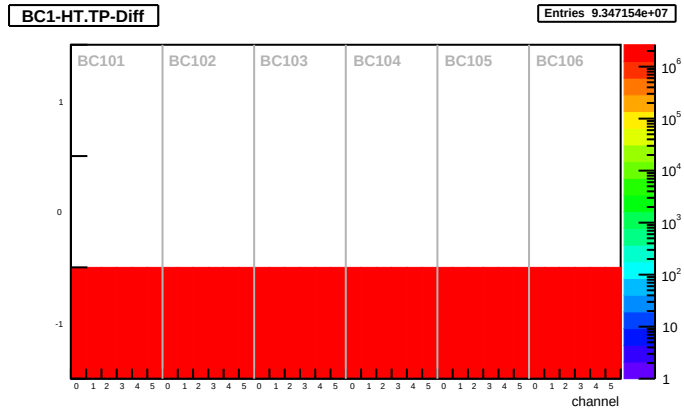

Endcap EMC L0 Input - High Tower
Entries 2.373284e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

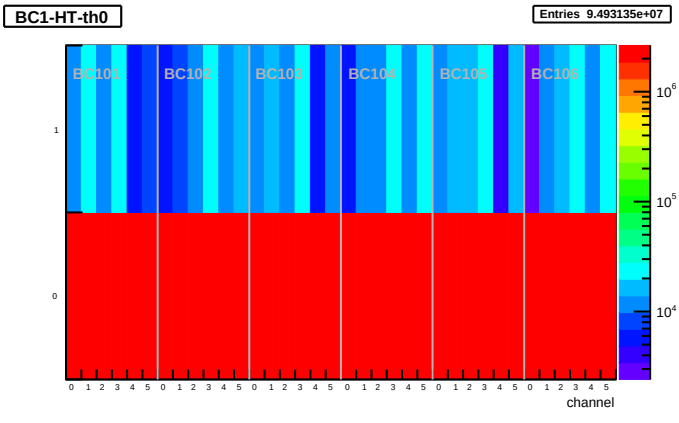

Endcap EMC L0 Input - Patch Sum
Entries 2.373284e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

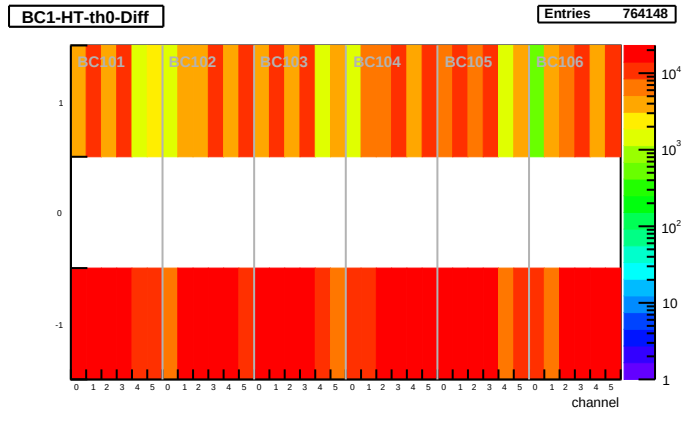

BC1-TP
Entries 9.493135e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

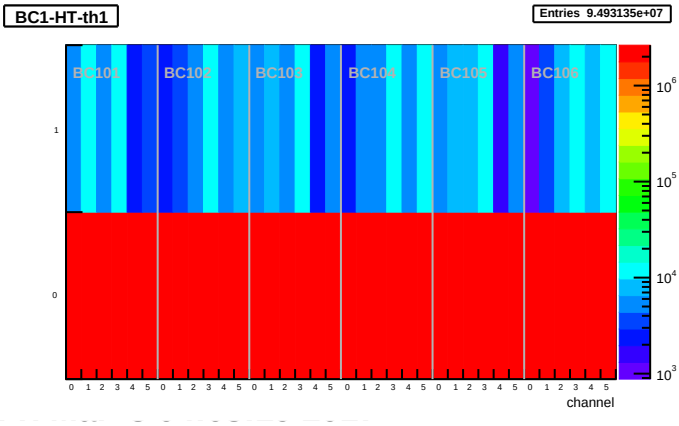

BC1-TP-Diff
Entries 8.895037e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

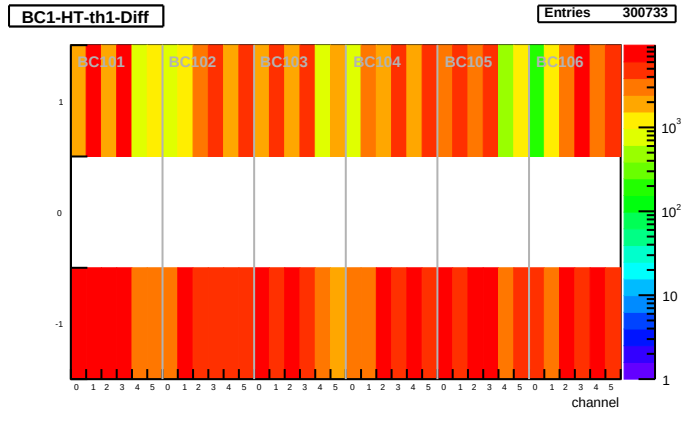

BC1-HT.TP
Entries 9.493135e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

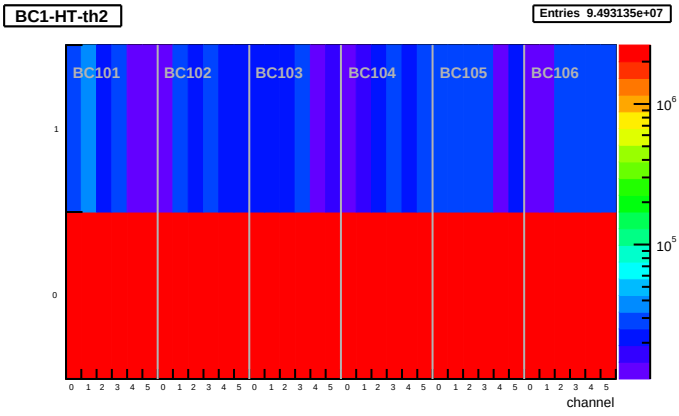

BC1-HT.TP-Diff
Entries 9.347154e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

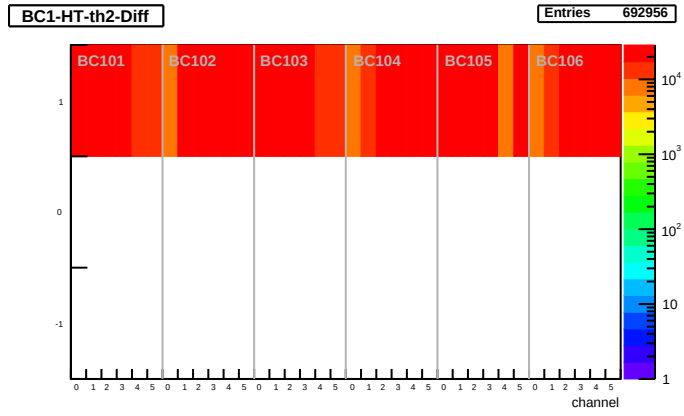

BC1-HT-th0
Entries 9.493135e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

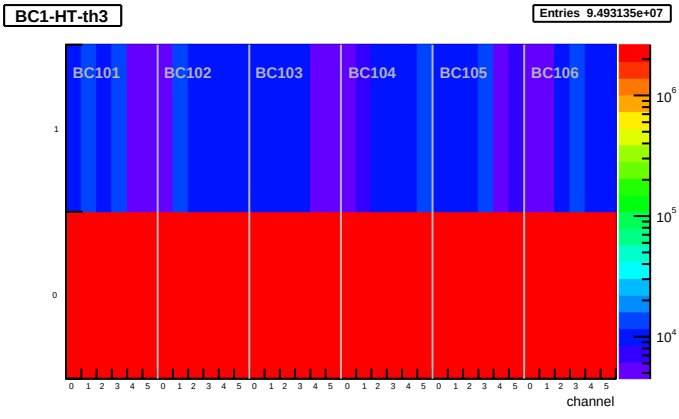

BC1-HT-th0-Diff
Entries 764148
BC101
BC102
BC103
BC104
BC105
BC106
channel

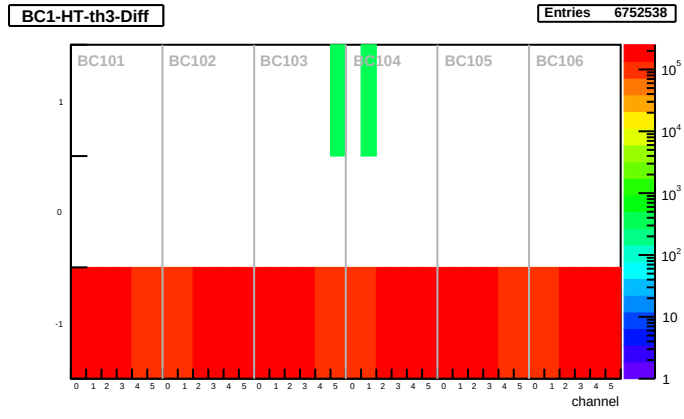

BC1-HT-th1
Entries 9.493135e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

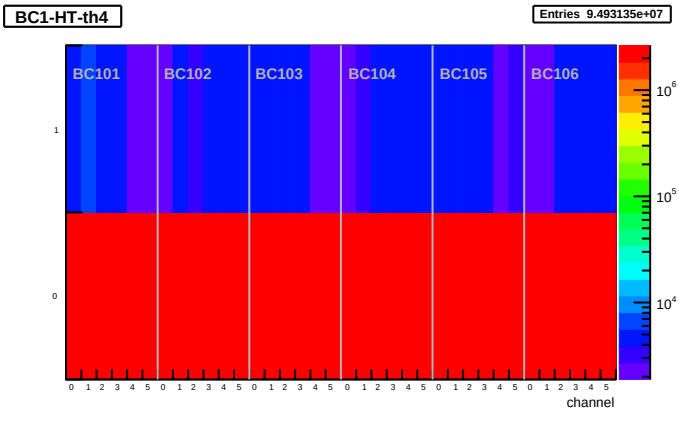

BC1-HT-th1-Diff
Entries 300733
BC101
BC102
BC103
BC104
BC105
BC106
channel

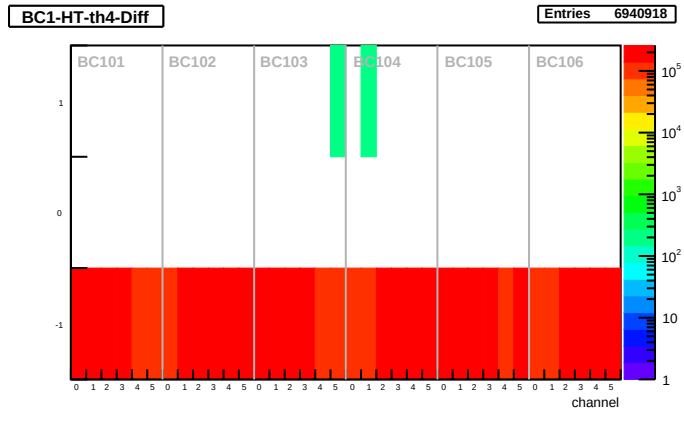

BC1-HT-th2
Entries 9.493135e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

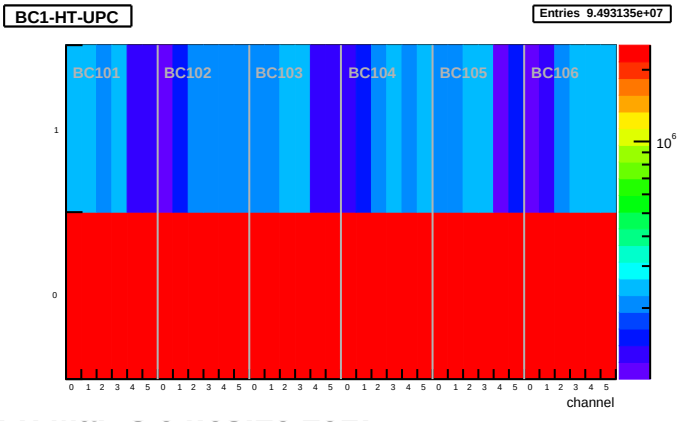

BC1-HT-th2-Diff
Entries 692956
BC101
BC102
BC103
BC104
BC105
BC106
channel

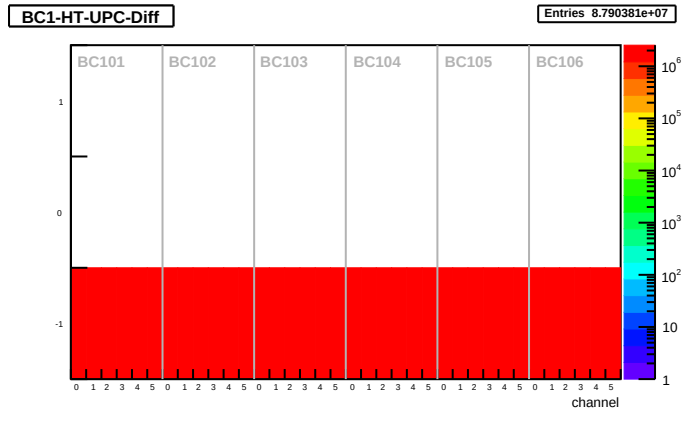

BC1-HT-th3
Entries 9.493135e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

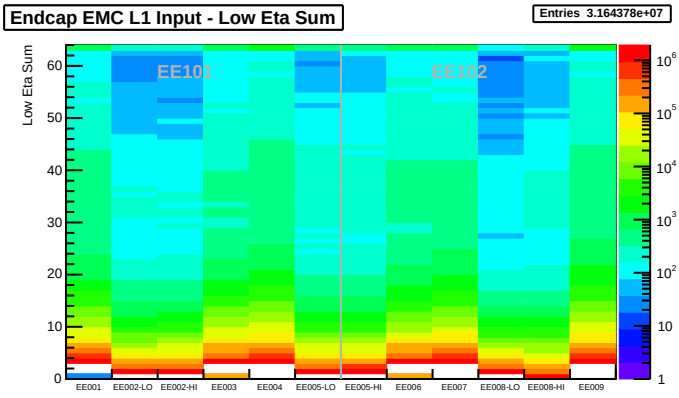

BC1-HT-th3-Diff
Entries 6752538
BC101
BC102
BC103
BC104
BC105
BC106
channel

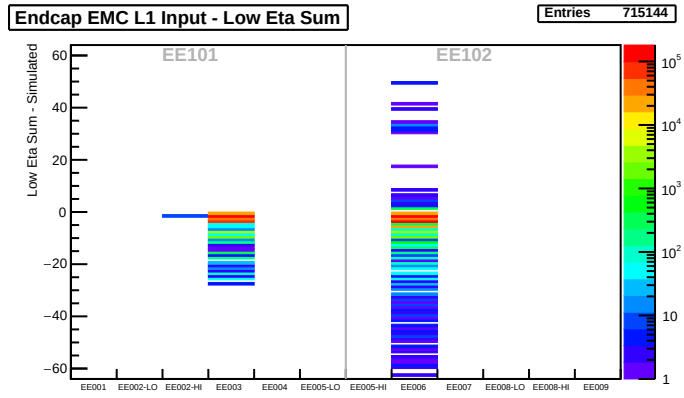

BC1-HT-th4
Entries 9.493135e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

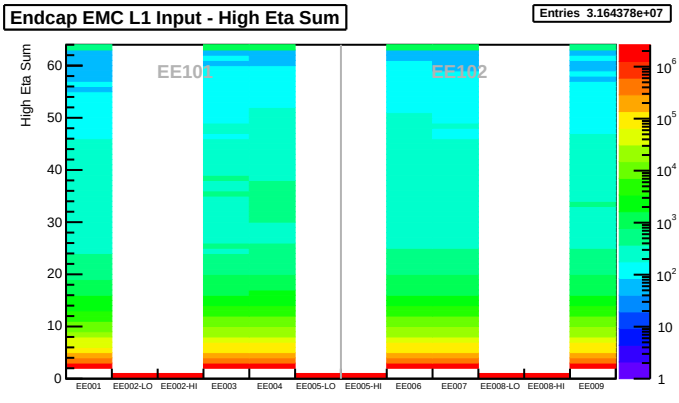

BC1-HT-th4-Diff
Entries 6940918
BC101
BC102
BC103
BC104
BC105
BC106
channel

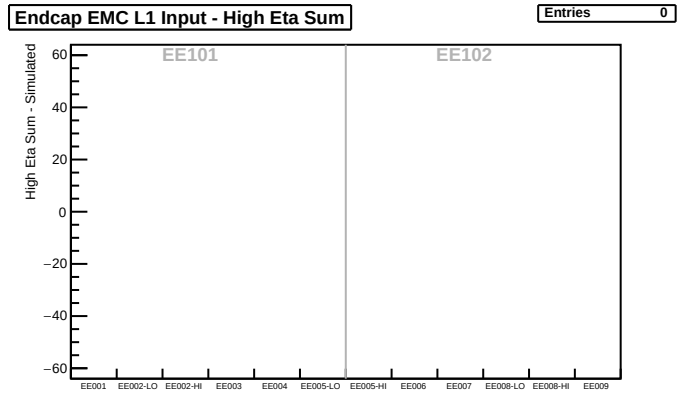

BC1-HT-UPC
Entries 9.493135e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

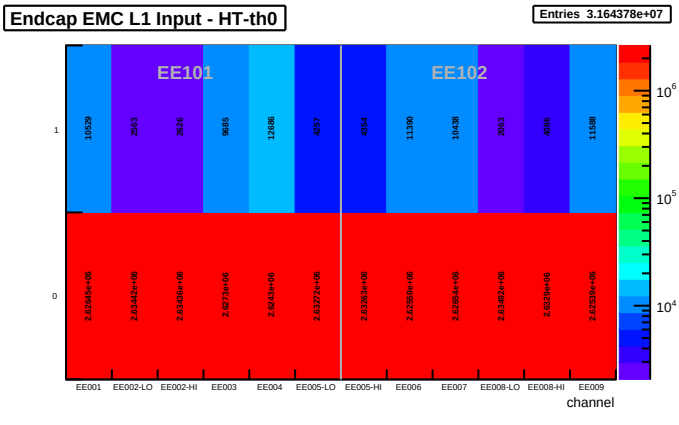

BC1-HT-UPC-Diff
Entries 8.790381e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

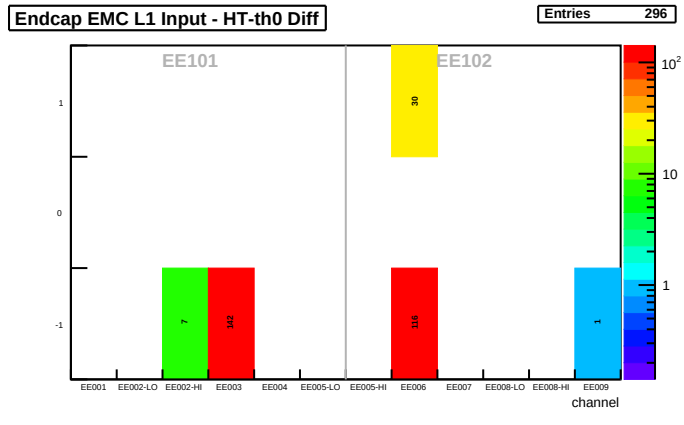

Endcap EMC L1 Input - Low Eta Sum
Entries 3.164378e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

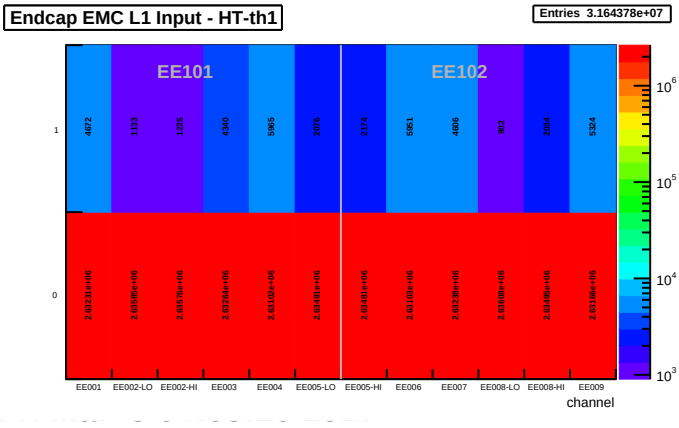

Endcap EMC L1 Input - Low Eta Sum
Entries 715144
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

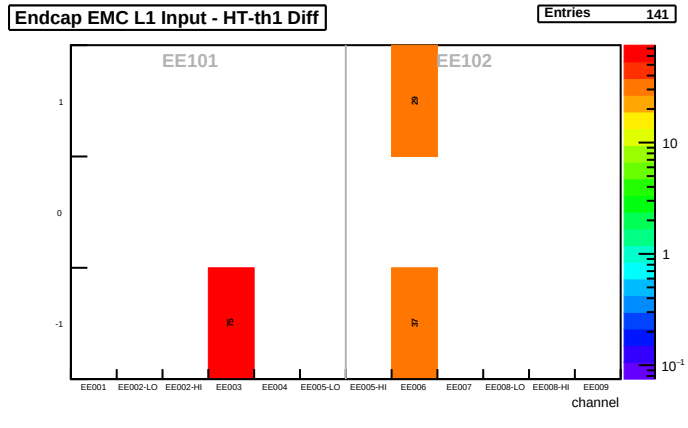

Endcap EMC L1 Input - High Eta Sum
Entries 3.164378e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

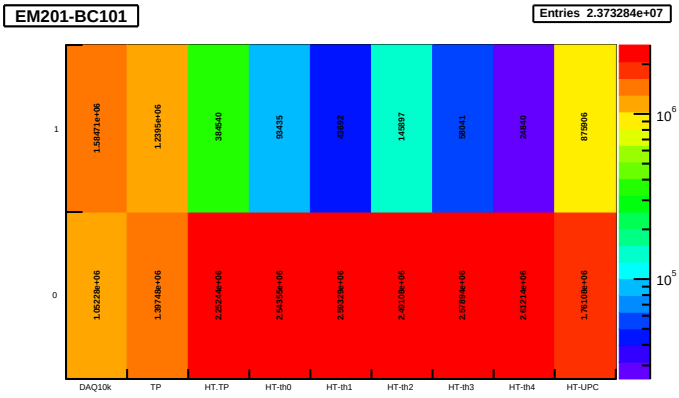

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

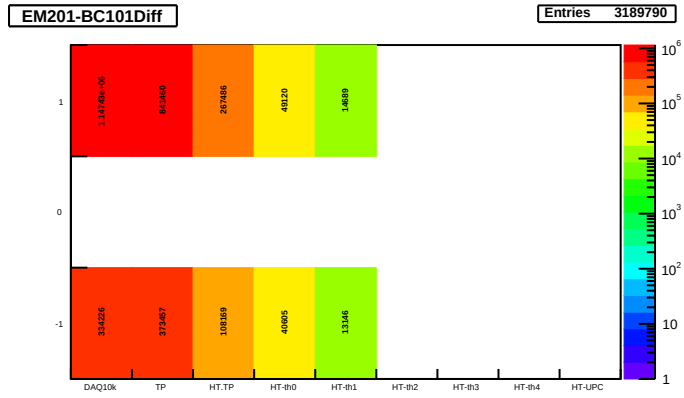

Endcap EMC L1 Input - HT-th0
Entries 3.164378e+07
EE101
EE102
10529 2563 2636 9685 12686 4257 4254 11390 10438 2663 4086 11588
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

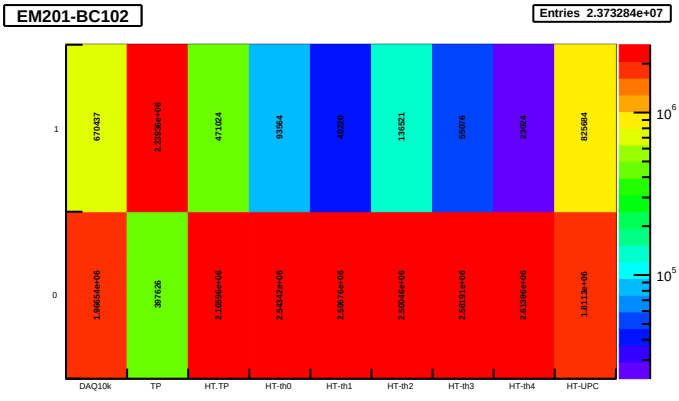

Endcap EMC L1 Input - HT-th0 Diff
Entries 296
EE101
EE102
30
7 142 116 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

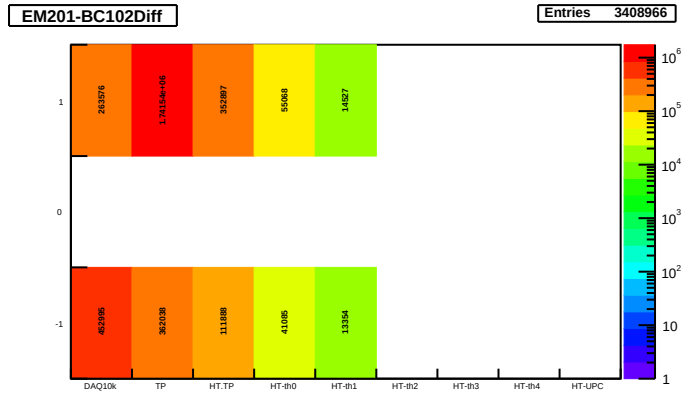

Endcap EMC L1 Input - HT-th1
Entries 3.164378e+07
EE101
EE102
4472 1133 1225 4340 5985 2076 2174 5951 4096 902 2034 5324
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

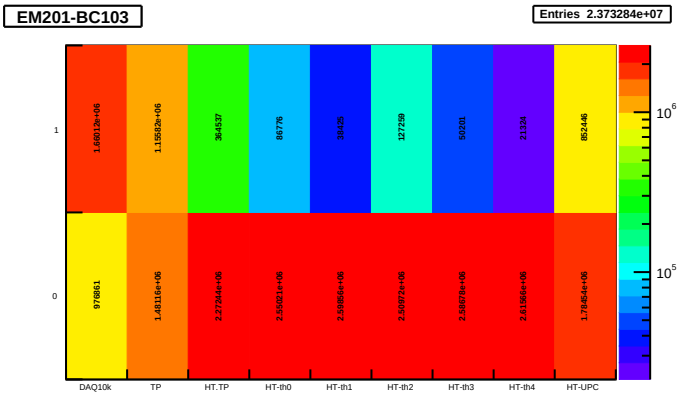

Endcap EMC L1 Input - HT-th1 Diff
Entries 141
EE101
EE102
29
75 37
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

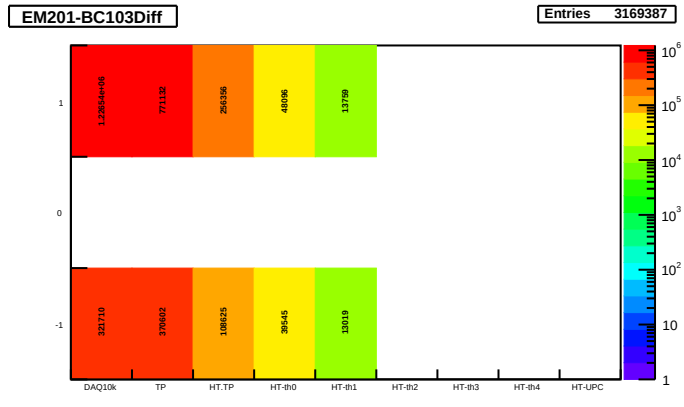

EM201-BC101
Entries 2.373284e+07
1.53471e+06
1.2395e+06
384640
83435
43632
143897
58041
24840
879806
1.06228e+06
1.39748e+06
2.25246e+06
2.54355e+06
2.69329e+06
2.48108e+06
2.57894e+06
2.61214e+06
1.78108e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

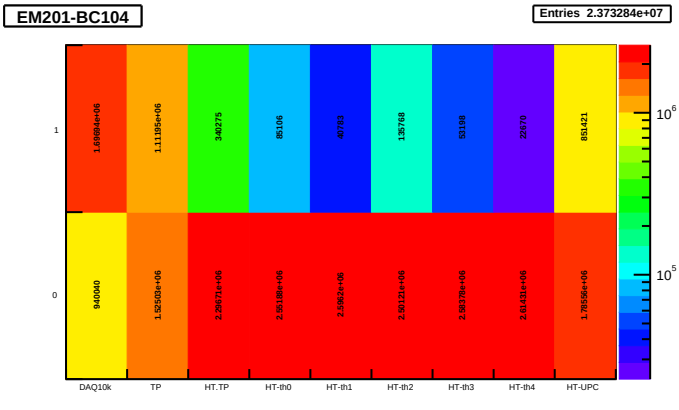

EM201-BC101Diff
Entries 3189790
1.147429e+06
841460
267486
49120
14689
334256
373457
108169
40805
13346
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

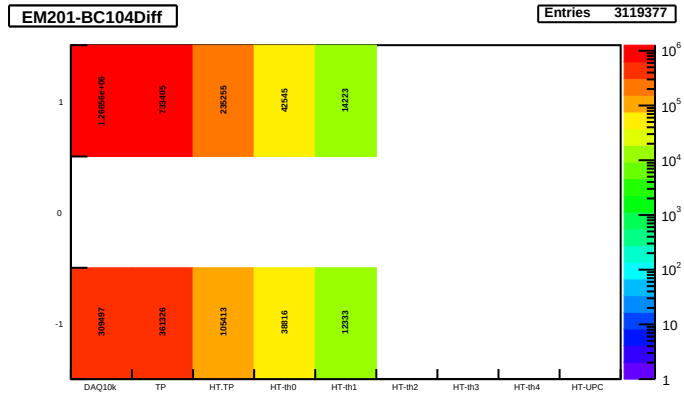

EM201-BC102
Entries 2.373284e+07
670437
2.23936e+06
471024
93564
40220
136521
55076
23024
825984
1.96554e+06
397626
2.16996e+06
2.54342e+06
2.59876e+06
2.50046e+06
2.58191e+06
2.61966e+06
1.81136e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 3408966
263576
1.74154e+06
352887
55068
14527
452995
362038
111888
41085
13354
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

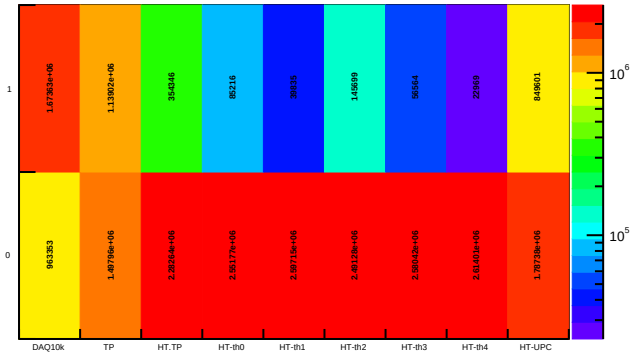

EM201-BC103
Entries 2.373284e+07
1.68012e+06
1.15582e+06
364537
86776
39425
127299
50201
21324
852446
978661
1.48116e+06
2.27234e+06
2.55621e+06
2.58866e+06
2.50972e+06
2.58878e+06
2.61566e+06
1.79454e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 3169387
1.22654e+06
771132
256356
48096
13759
321710
376602
109625
39545
13019
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

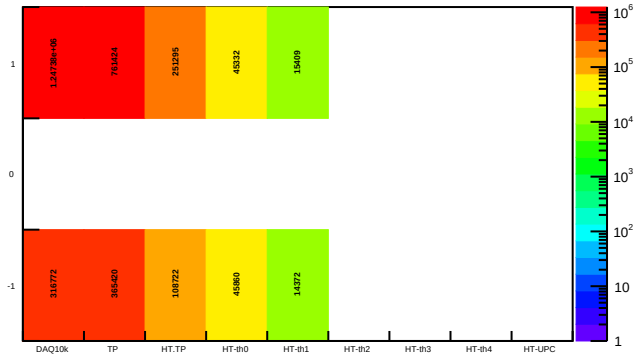

EM201-BC104
Entries 2.373284e+07
1.69694e+06
1.11195e+06
340275
85106
40753
136768
53188
22570
851421
940040
1.52503e+06
2.29571e+06
2.55188e+06
2.5962e+06
2.50121e+06
2.58378e+06
2.61431e+06
1.78556e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 3119377
1.26656e+06
733405
236355
42545
14223
309497
361326
105413
38816
12333
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

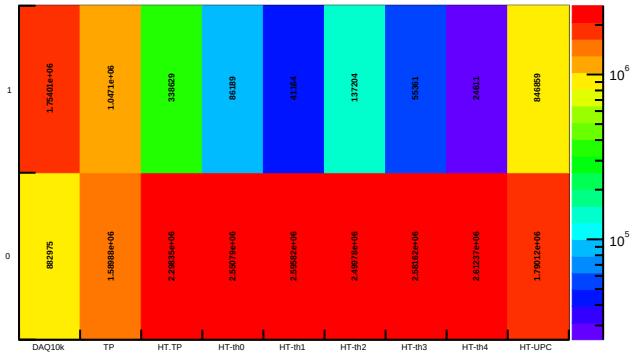
EM201-BC105 Entries 2.373284e+07



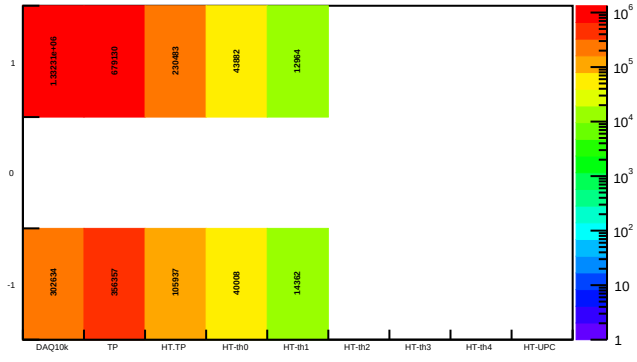
EM201-BC105Diff Entries 3171991



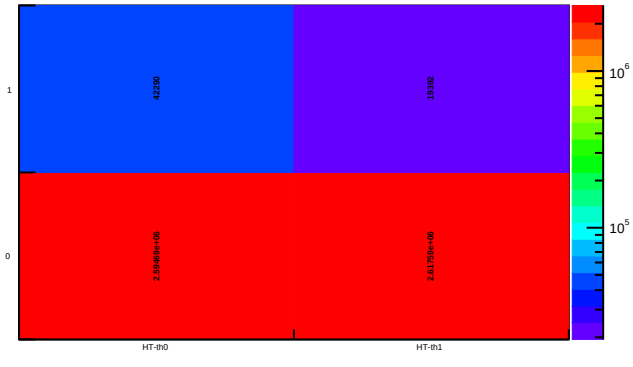
EM201-BC106 Entries 2.373284e+07



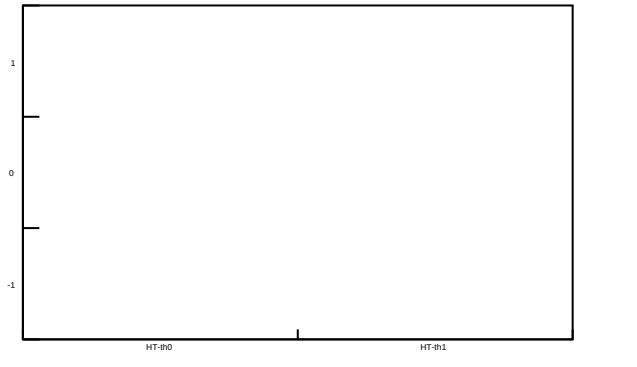
EM201-BC106Diff Entries 3118068



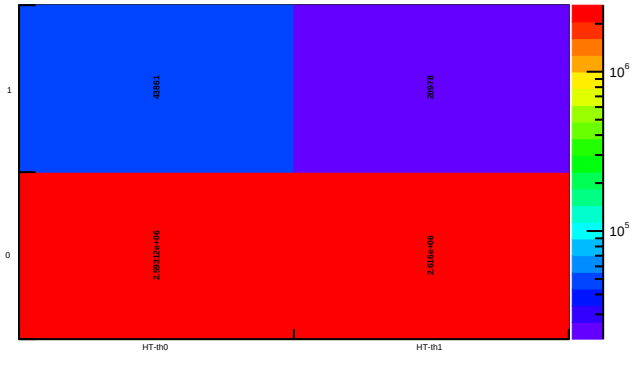
EM201-EE101 Entries 5273964



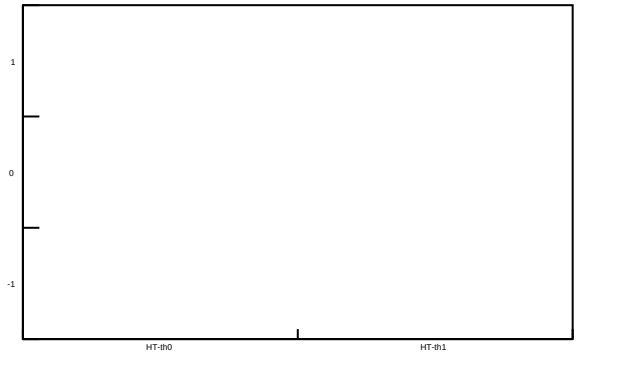
EM201-EE101Diff Entries 0

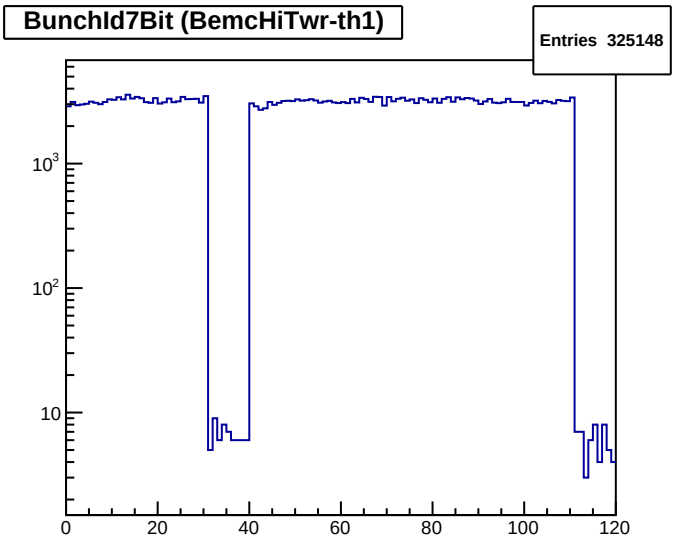


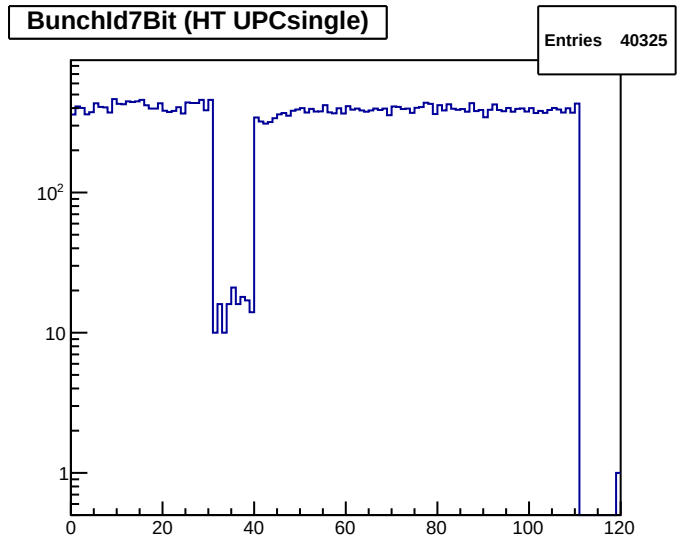
EM201-EE102 Entries 5273964

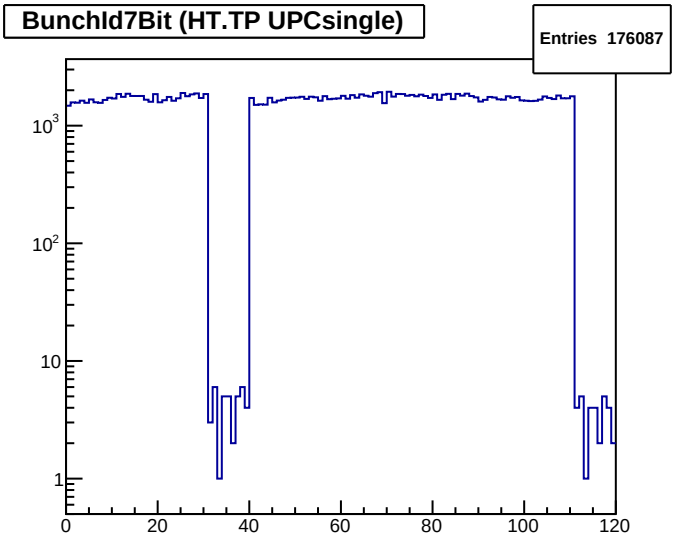


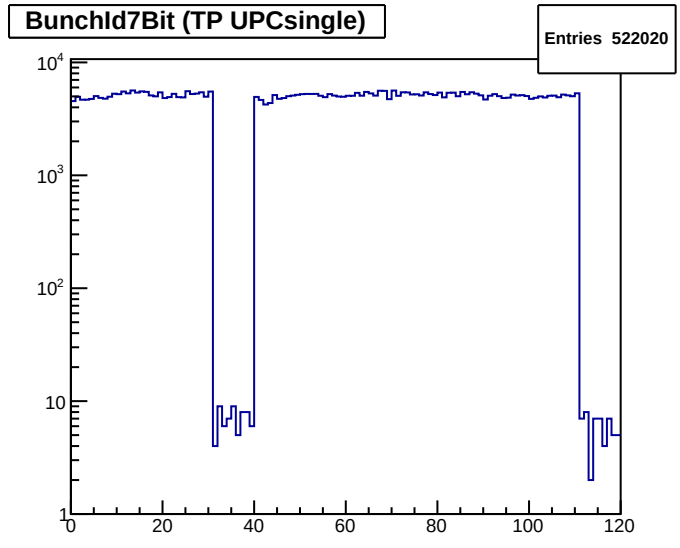
EM201-EE102Diff Entries 0

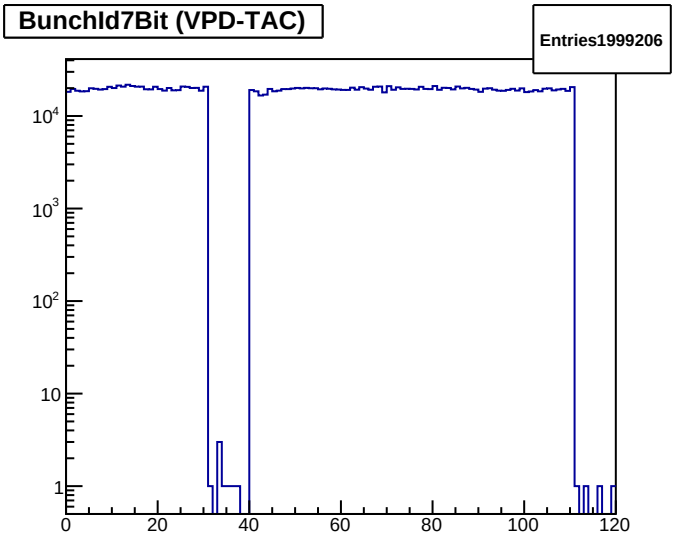


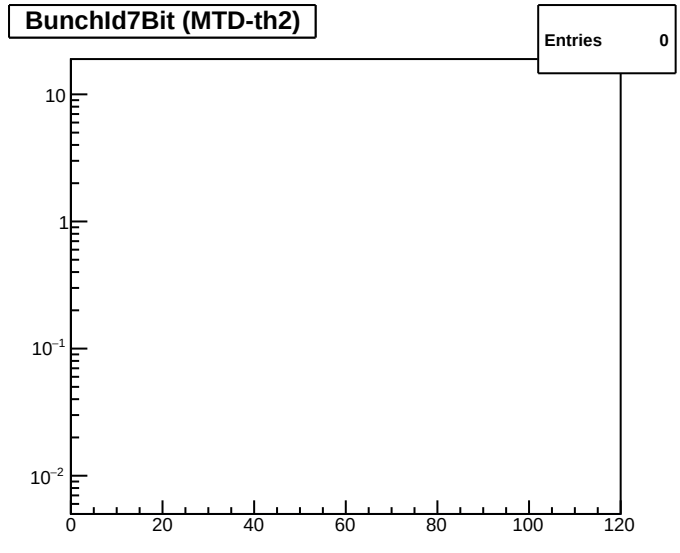

BunchId7Bit (BemcHiTwr-th1)
Entries 325148
10^3
10^2
10
0
20
40
60
80
100
120

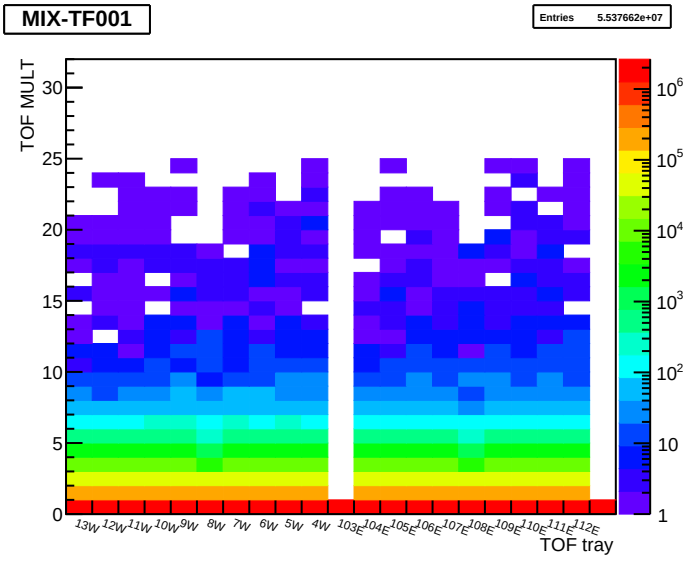

BunchId7Bit (HT UPCsingle)
Entries 40325
10^2
10
1
0
20
40
60
80
100
120

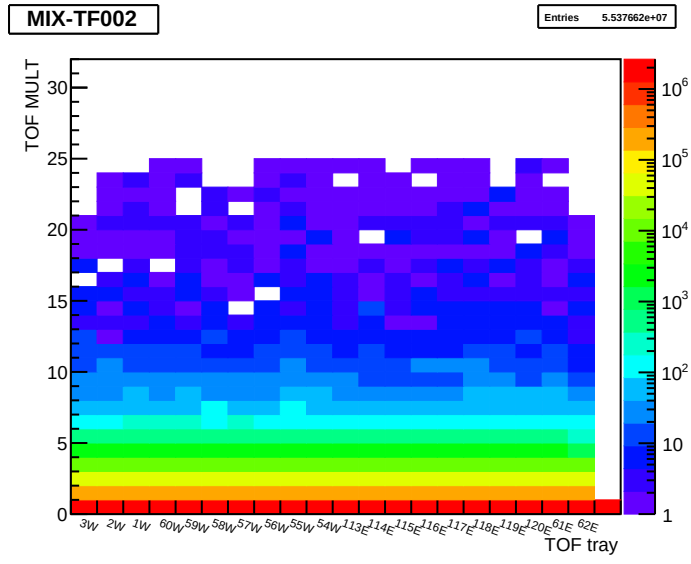

BunchId7Bit (HT.TP UPCsingle)
Entries 176087
10^3
10^2
10
1
0
20
40
60
80
100
120

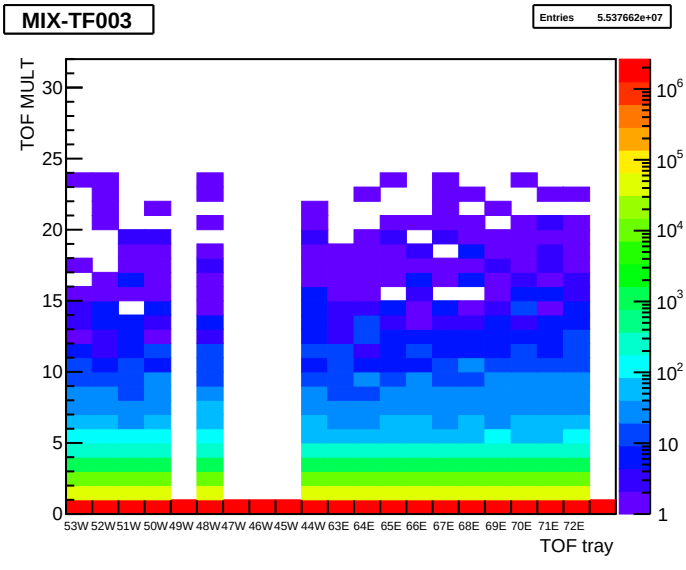

BunchId7Bit (TP UPCsingle)
Entries 522020
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

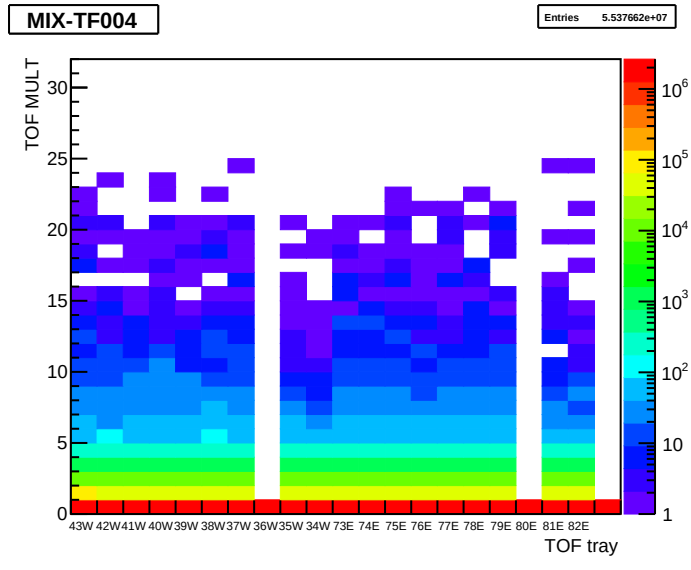

BunchId7Bit (VPD-TAC)
Entries1999206
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

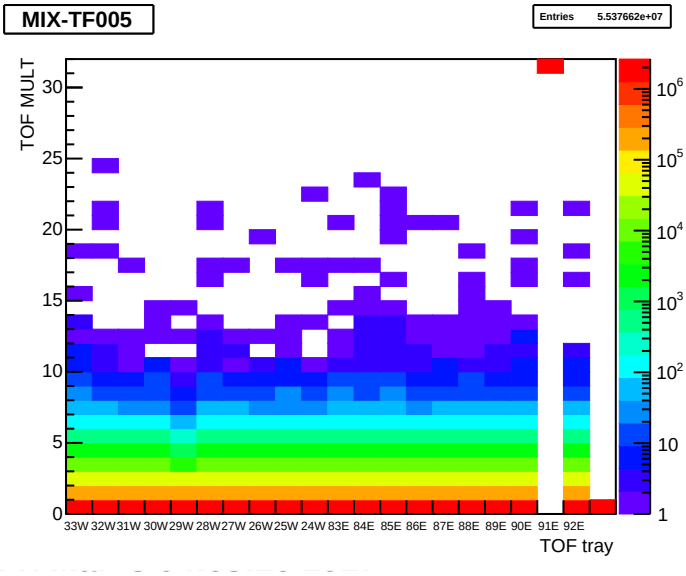

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

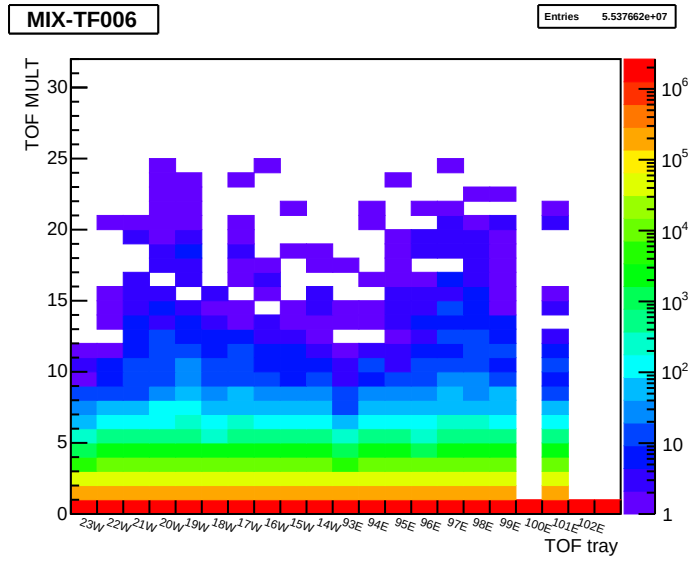

MIX-TF001
Entries 5.537662e+07
TOF MULT
TOF tray

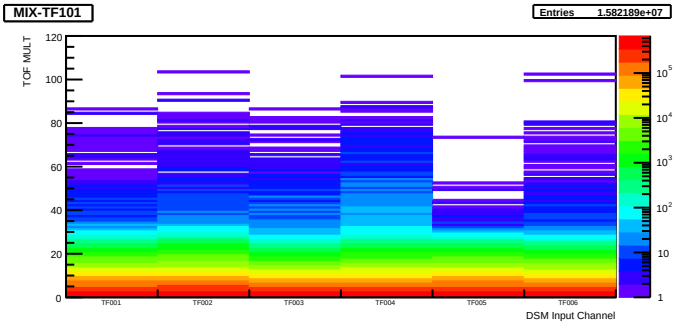

MIX-TF002
Entries 5.537662e+07
TOF MULT
TOF tray

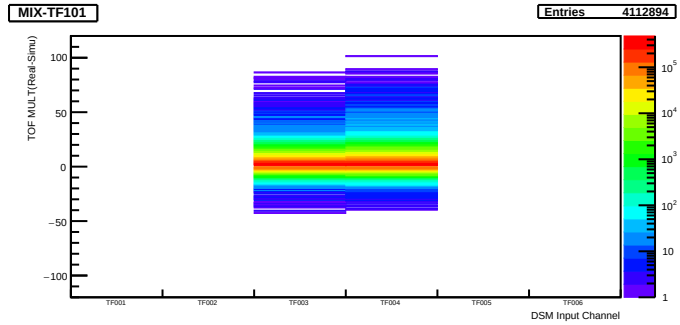

MIX-TF003
Entries 5.537662e+07
TOF MULT
TOF tray

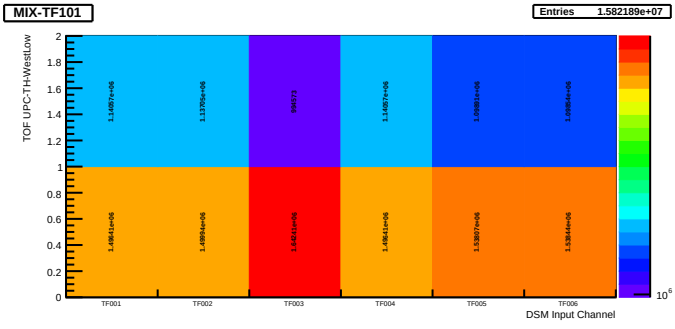

MIX-TF004
Entries 5.537662e+07
TOF MULT
TOF tray

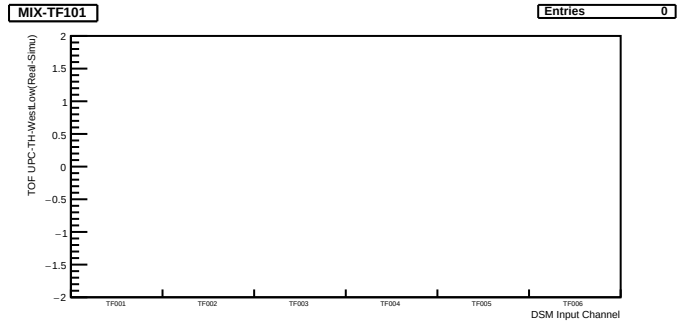

MIX-TF005
Entries 5.537662e+07
TOF MULT
TOF tray

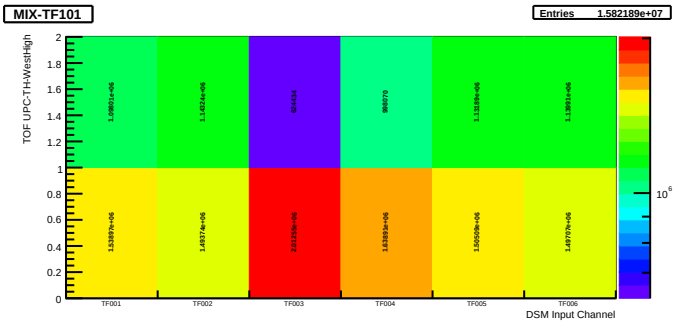

MIX-TF006
Entries 5.537662e+07
TOF MULT
TOF tray

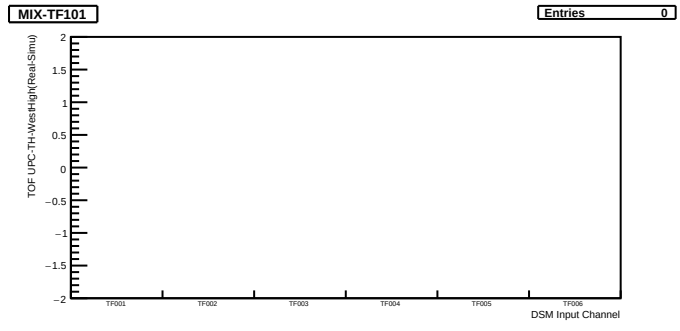

MIX-TF101
Entries 1.582189e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

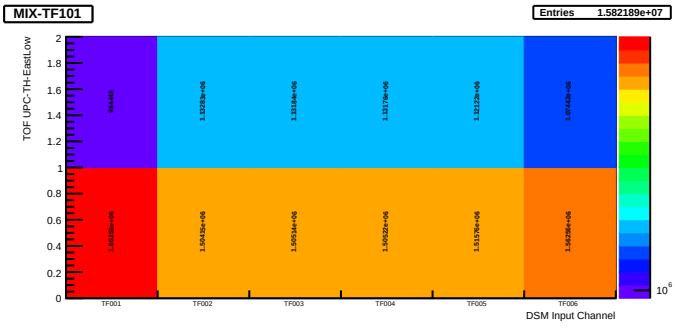

MIX-TF101
Entries 4112894
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

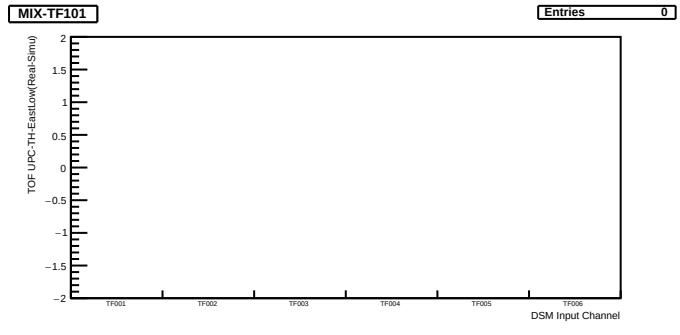

MIX-TF101
Entries 1.582189e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

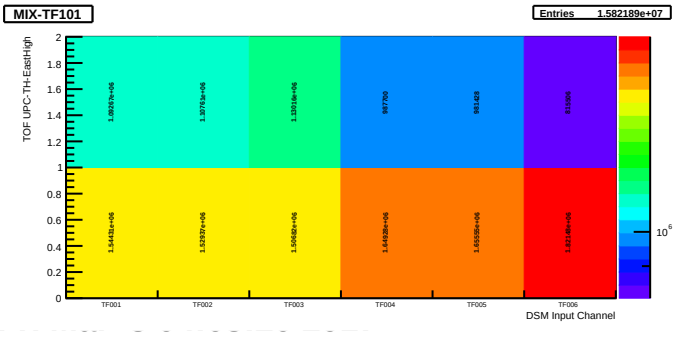

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

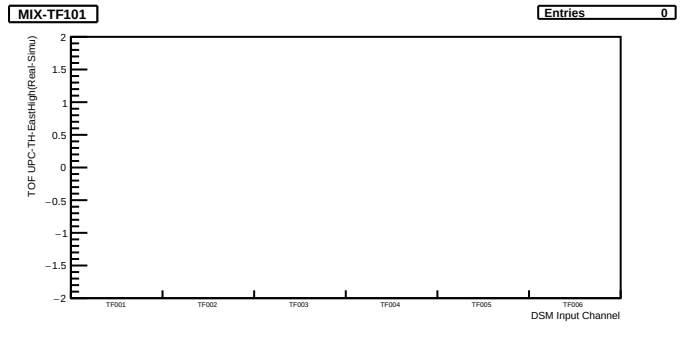

MIX-TF101
Entries 1.582189e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

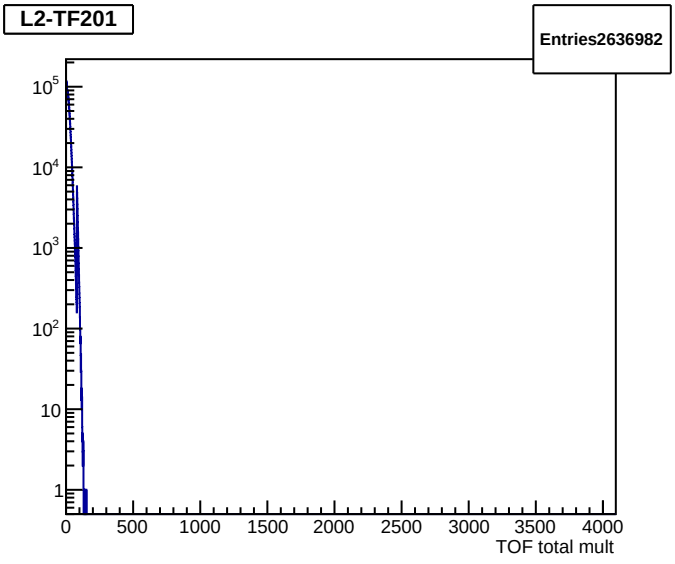

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

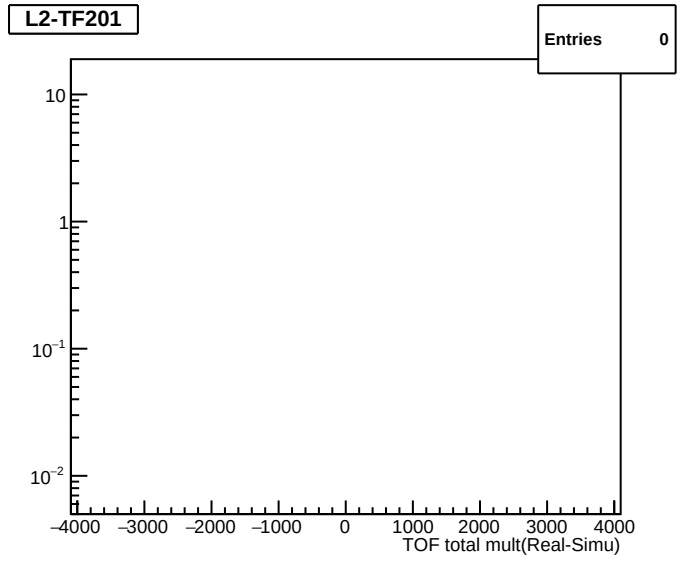

MIX-TF101
Entries 1.582189e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

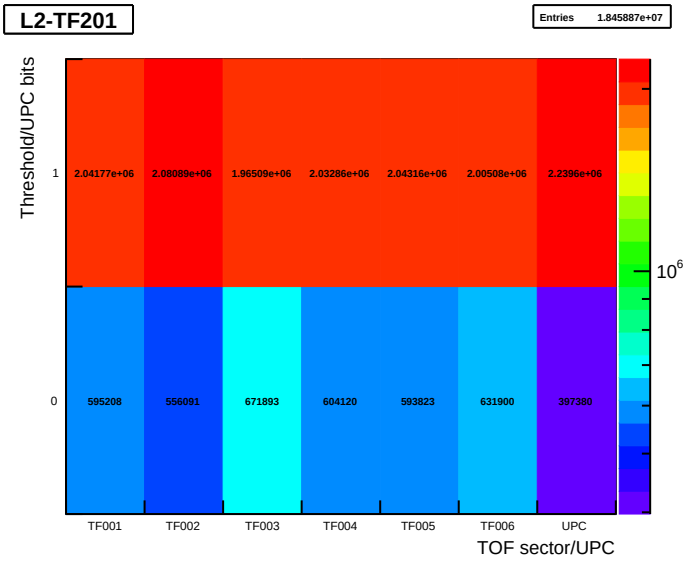

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

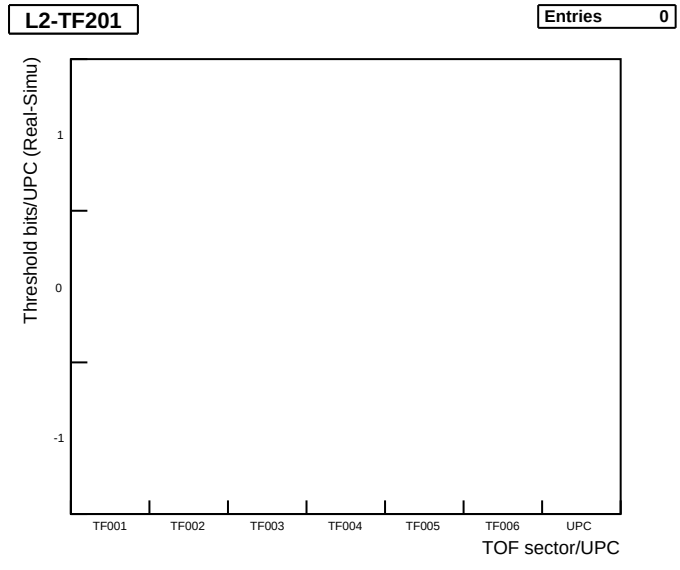

MIX-TF101
Entries 1.582189e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

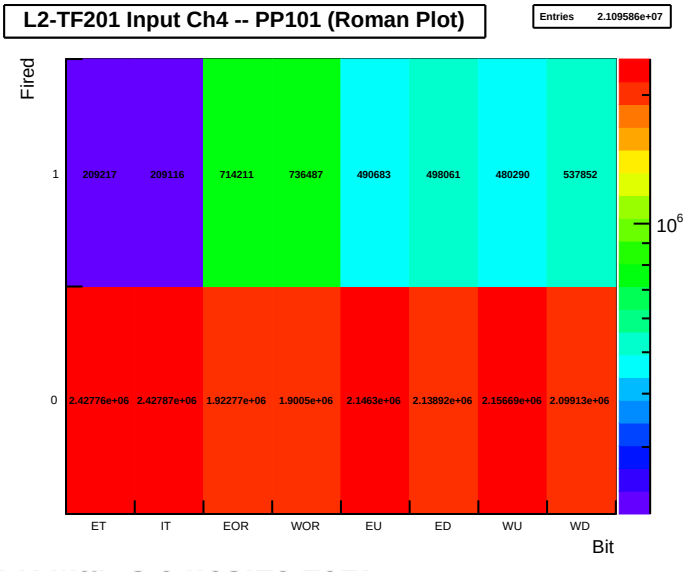

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

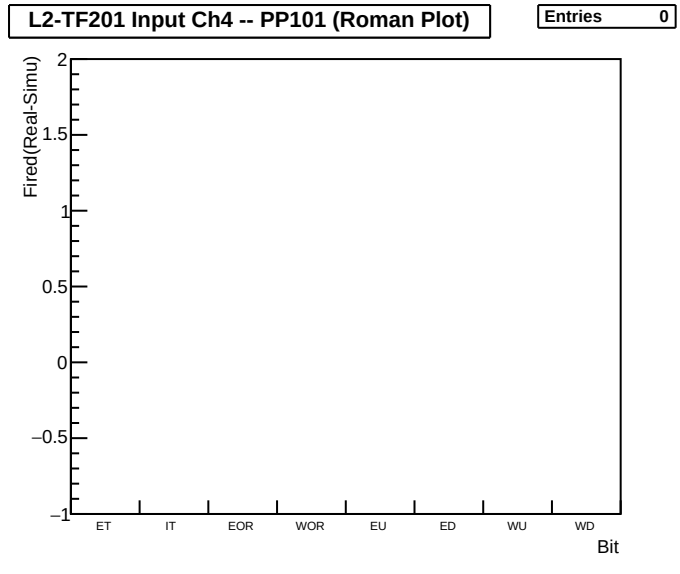

L2-TF201
Entries2636982
TOF total mult

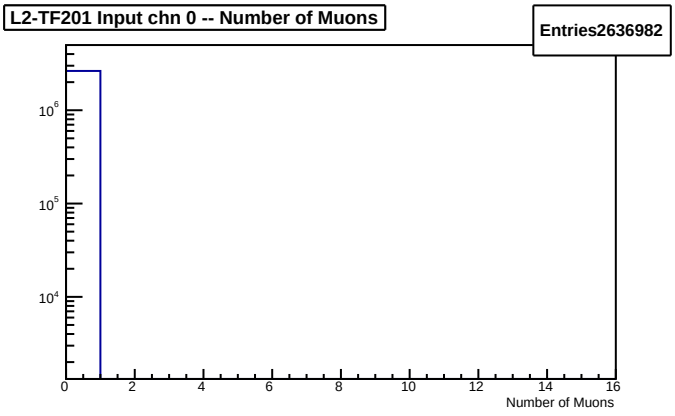

L2-TF201
Entries 0
TOF total mult(Real-Simu)

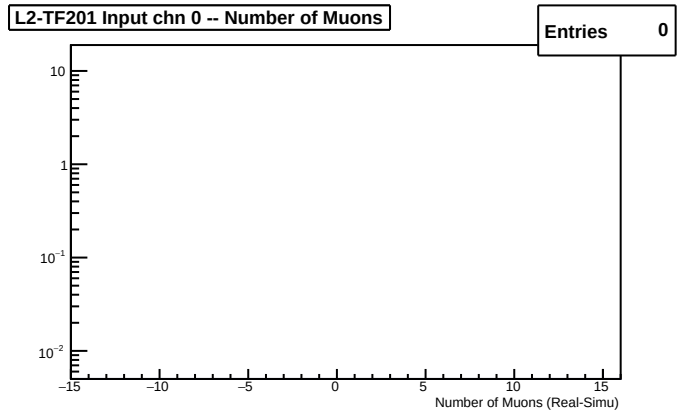

L2-TF201
Entries 1.845887e+07
Threshold/UPC bits
2.04177e+06
2.08089e+06
1.96509e+06
2.03286e+06
2.04316e+06
2.00508e+06
2.2396e+06
595208
556091
671893
604120
593823
631900
397380
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

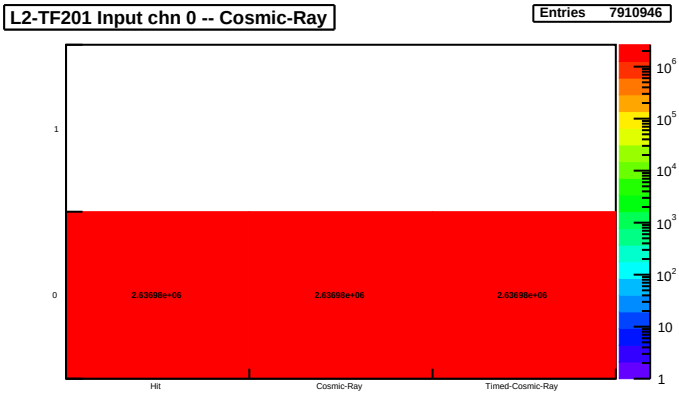

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

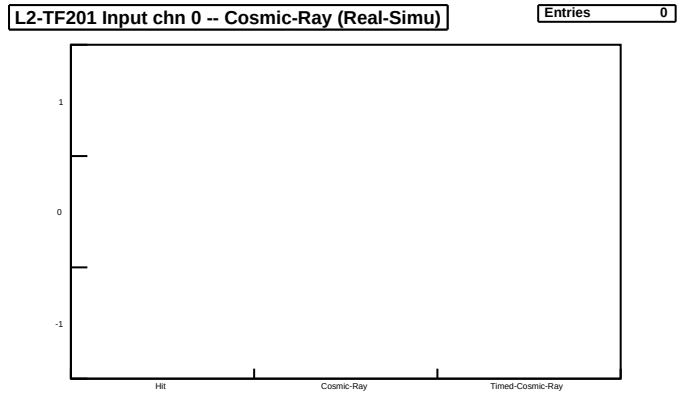

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.109586e+07
Fired
209217
209116
714211
736487
490683
498061
480290
537852
2.42776e+06
2.42787e+06
1.92277e+06
1.9005e+06
2.1463e+06
2.13892e+06
2.15669e+06
2.09913e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

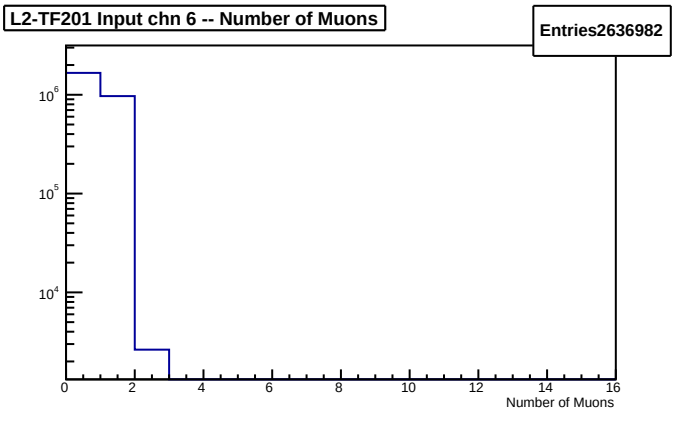

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

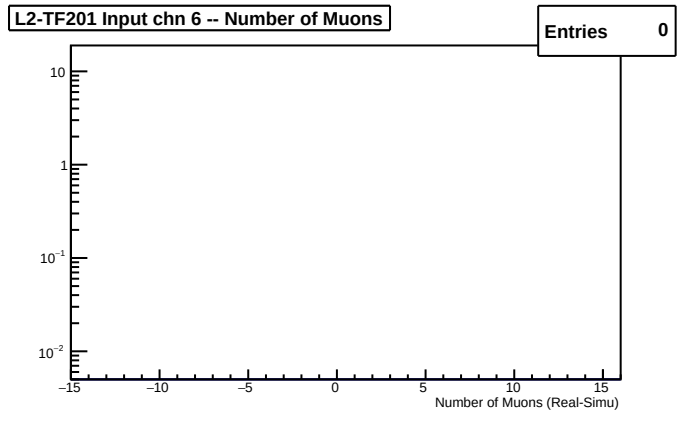

L2-TF201 Input chn 0 -- Number of Muons
Entries2636982
Number of Muons

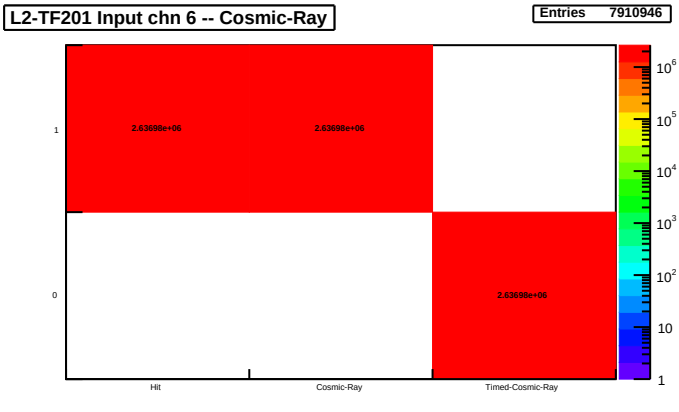

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

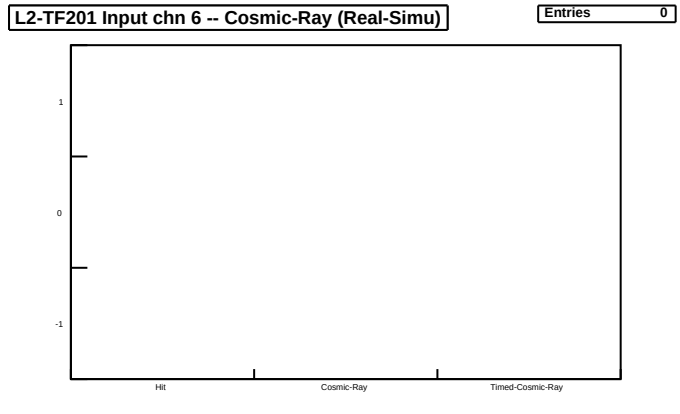

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7910946
2.63698e+06
2.63698e+06
2.63698e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

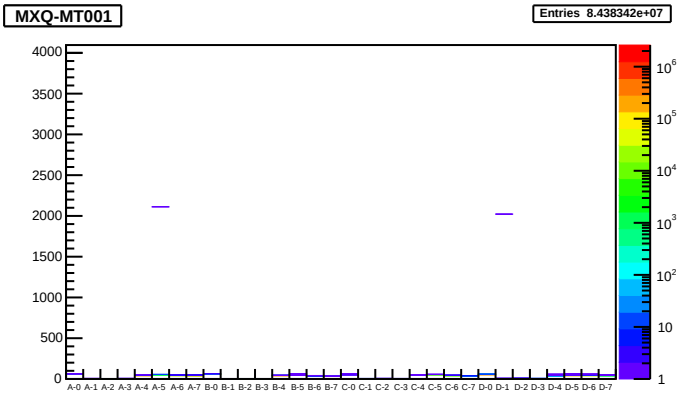

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

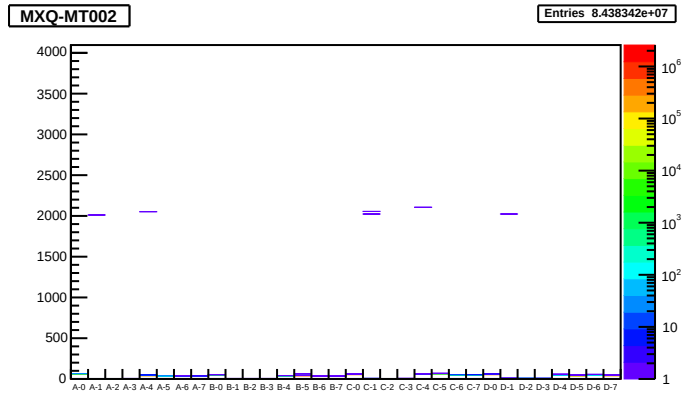

L2-TF201 Input chn 6 -- Number of Muons
Entries2636982
Number of Muons

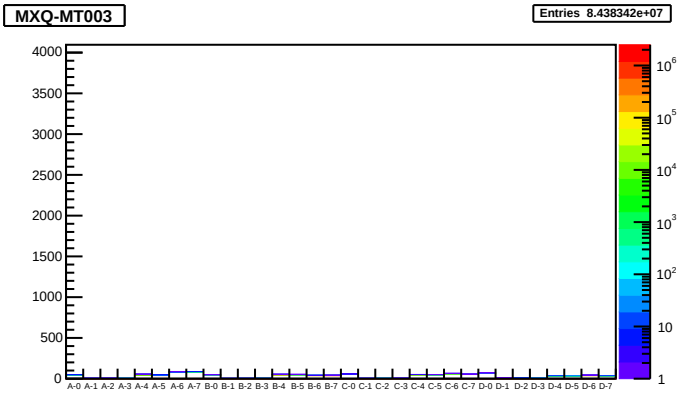

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

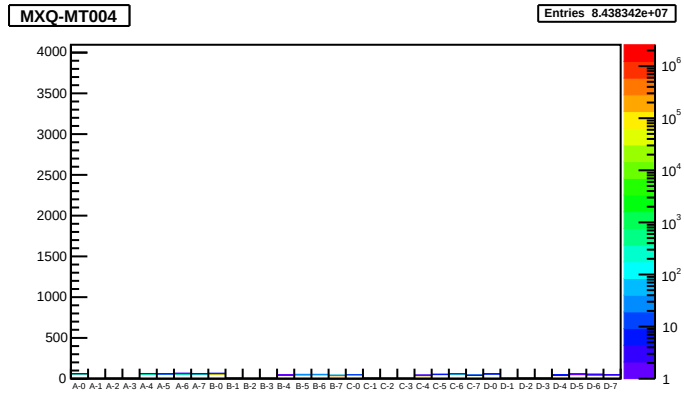

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 7910946
2.63698e+06
2.63698e+06
2.63698e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

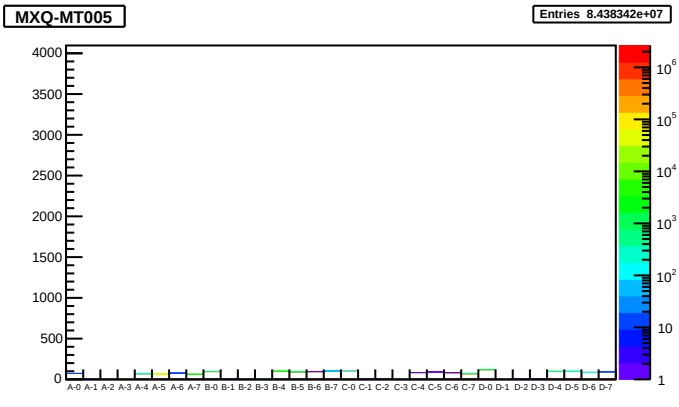

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

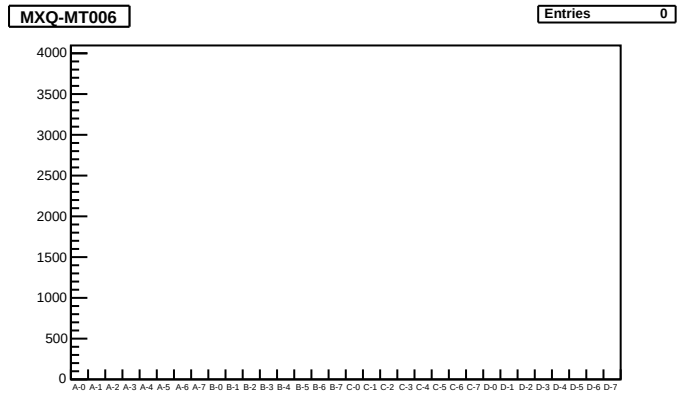

MXQ-MT001
Entries 8.438342e+07

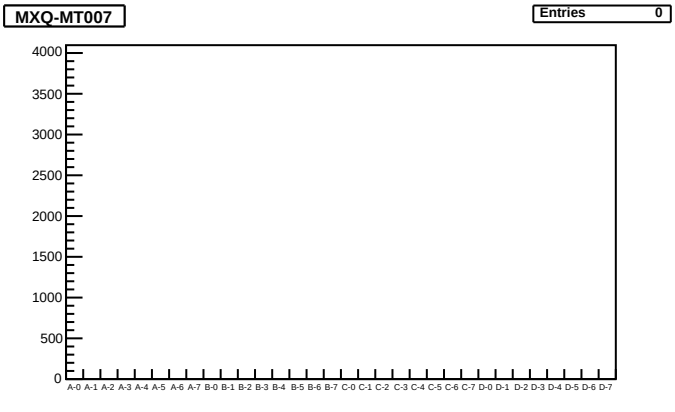

MXQ-MT002
Entries 8.438342e+07

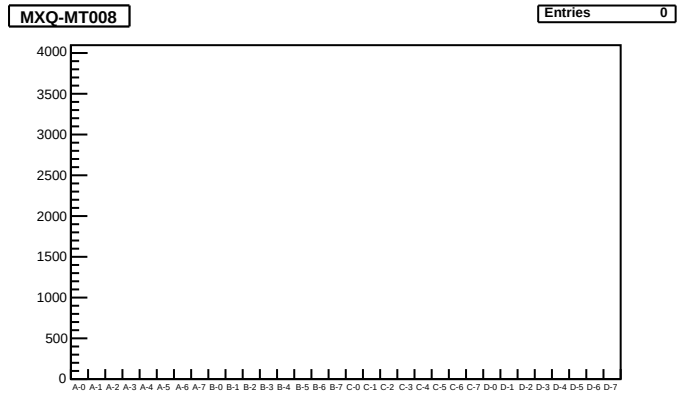

MXQ-MT003
Entries 8.438342e+07

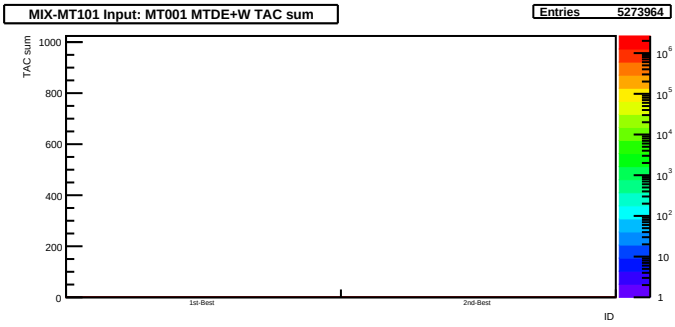

MXQ-MT004
Entries 8.438342e+07

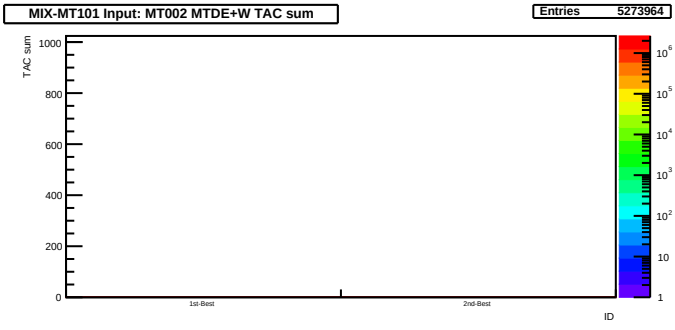

MXQ-MT005
Entries 8.438342e+07

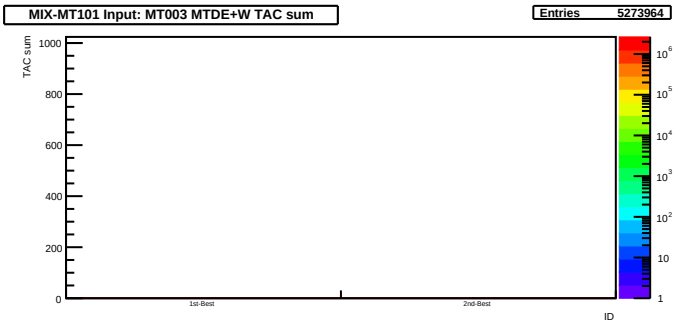

MXQ-MT006
Entries 0

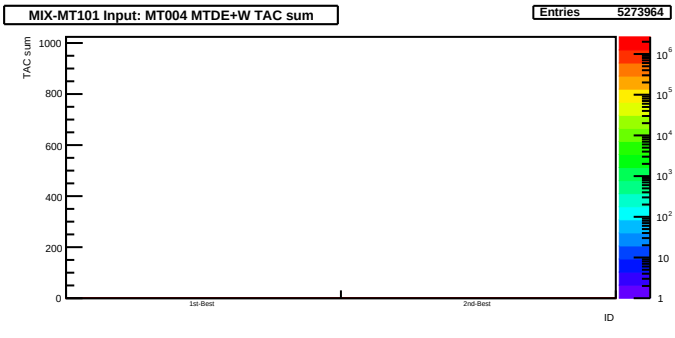

MXQ-MT007
Entries 0

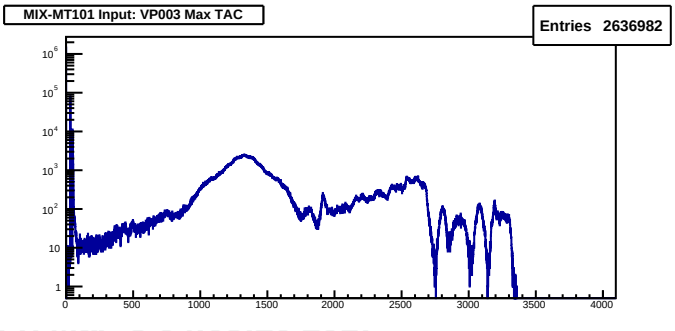

MXQ-MT008
Entries 0

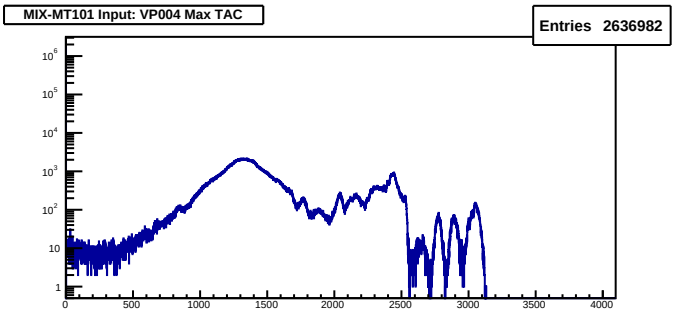

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5273964
TAC sum
1st-Best
2nd-Best
ID

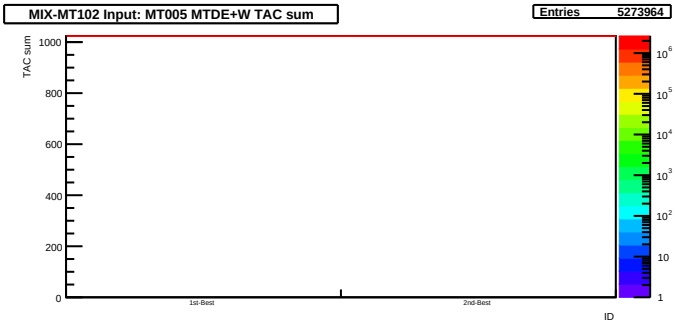

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5273964
TAC sum
1st-Best
2nd-Best
ID

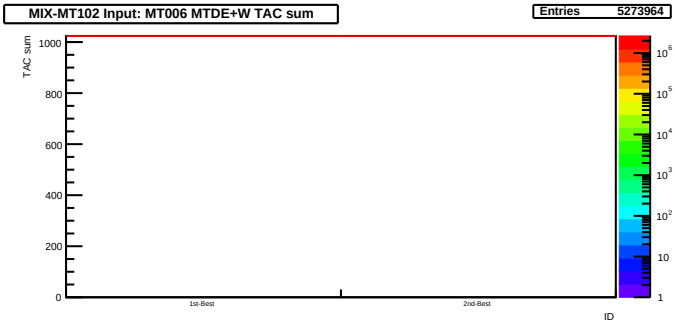

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5273964
TAC sum
1st-Best
2nd-Best
ID

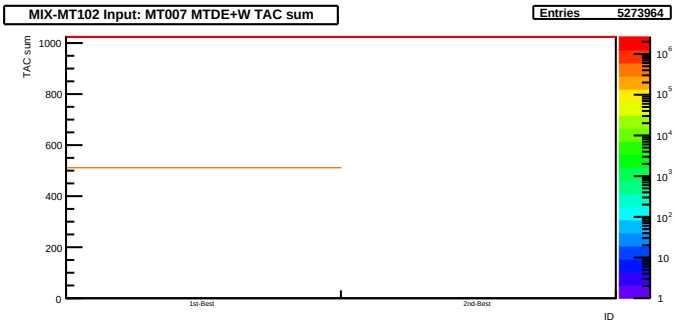

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5273964
TAC sum
1st-Best
2nd-Best
ID

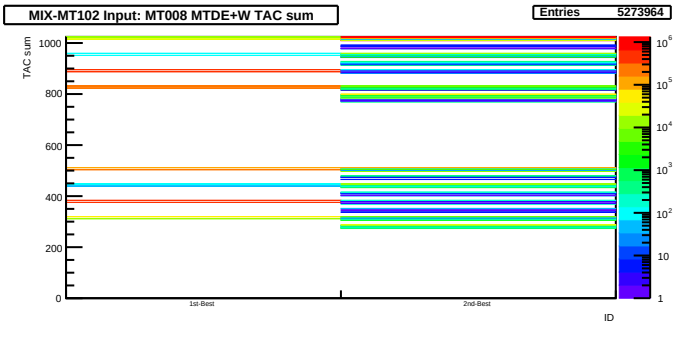

MIX-MT101 Input: VP003 Max TAC
Entries 2636982

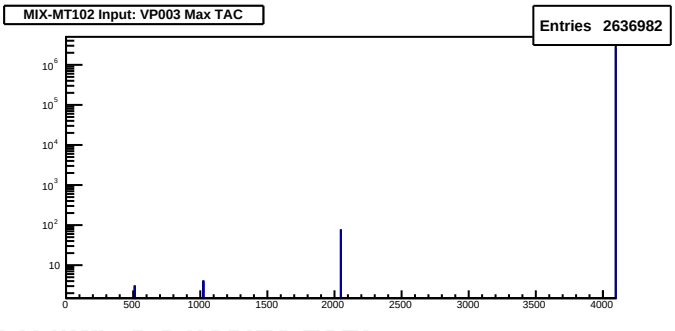

MIX-MT101 Input: VP004 Max TAC
Entries 2636982

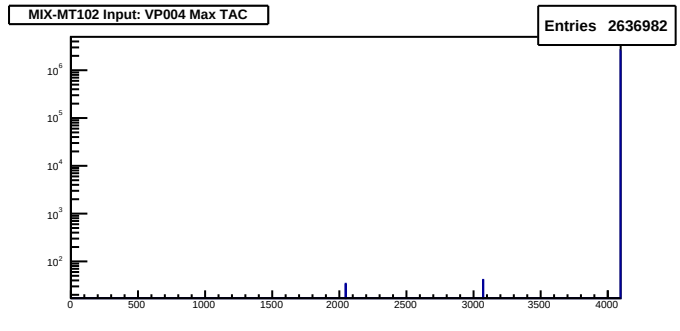

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 5273964
TAC sum
1st-Best
2nd-Best
ID

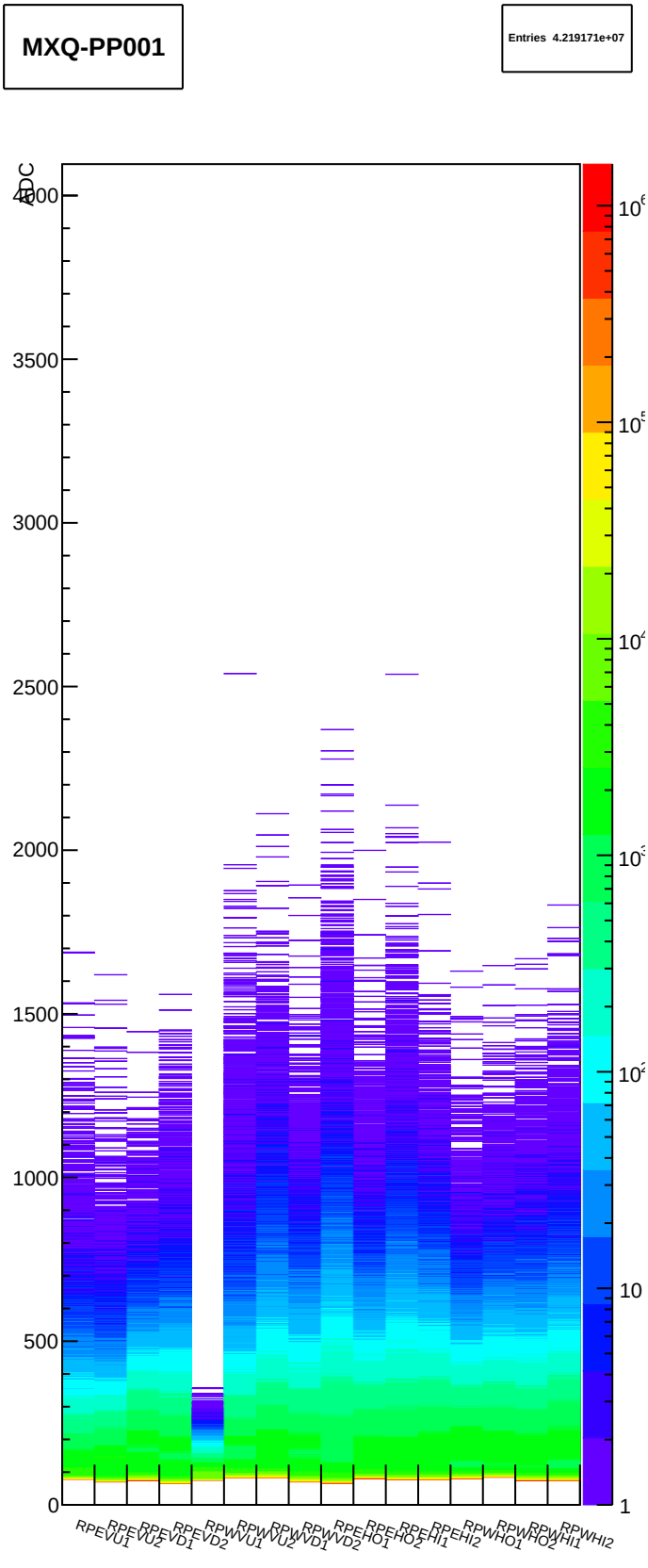

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 5273964
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 5273964
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 5273964
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 2636982


MIX-MT102 Input: VP004 Max TAC
Entries 2636982


MXQ-PP001
Entries 4.219171e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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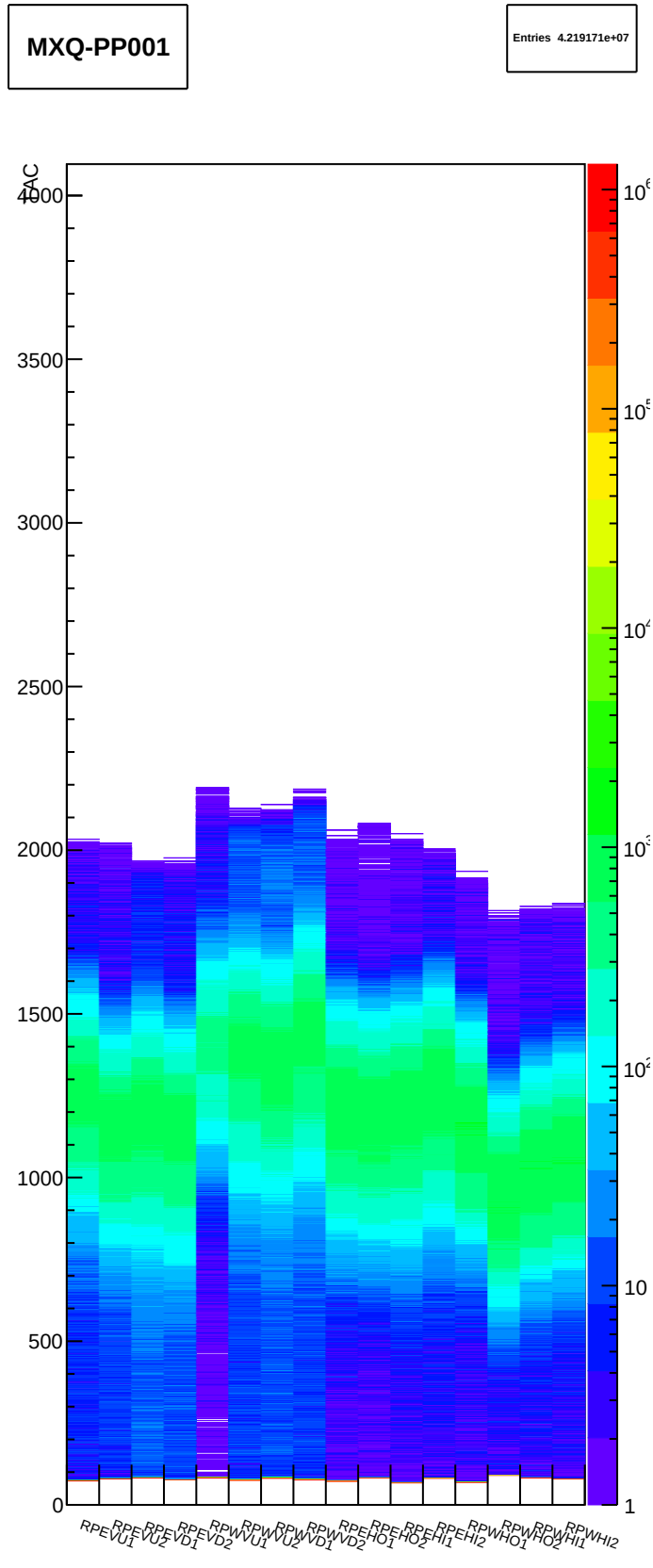
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 4.219171e+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
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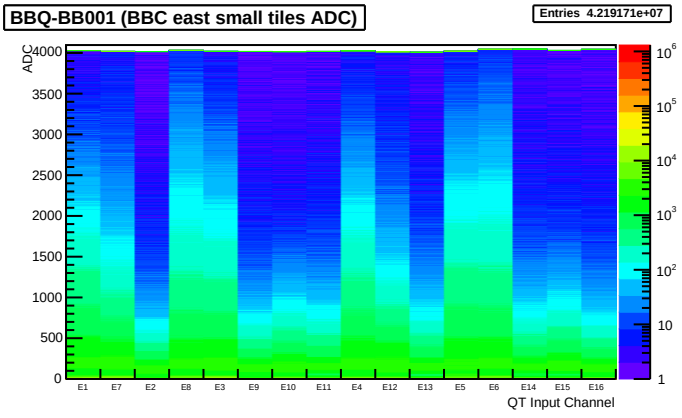
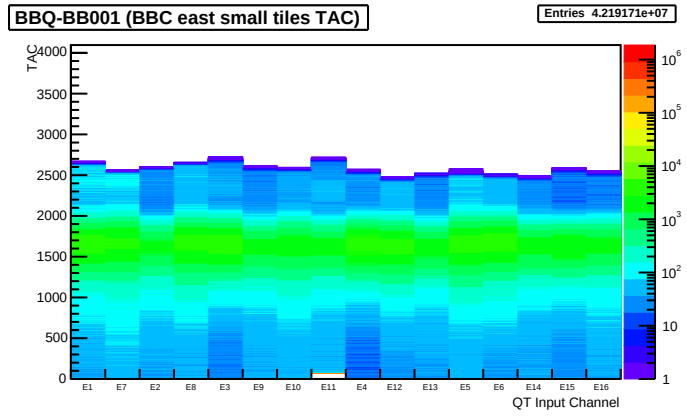
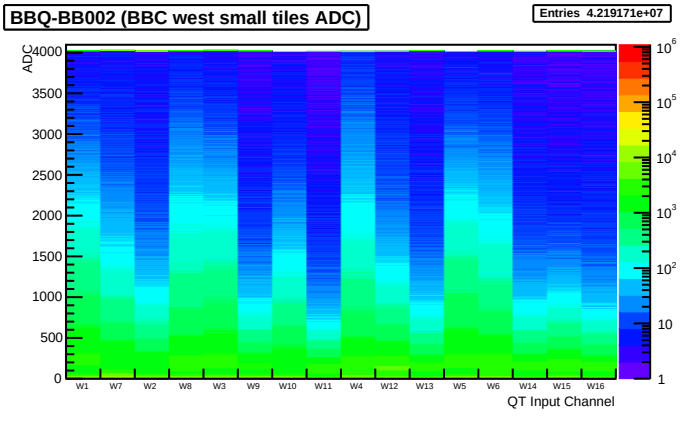
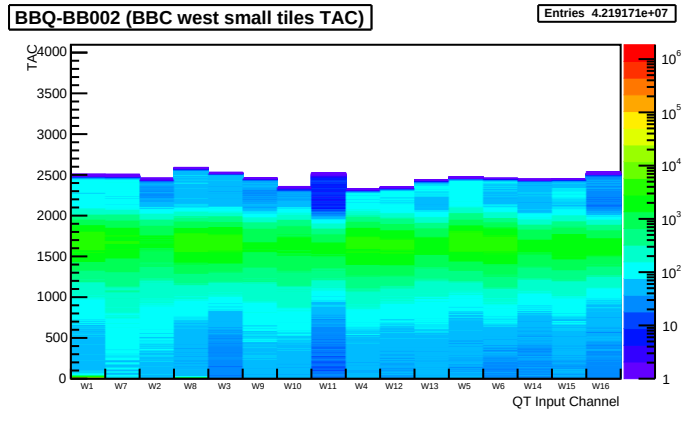
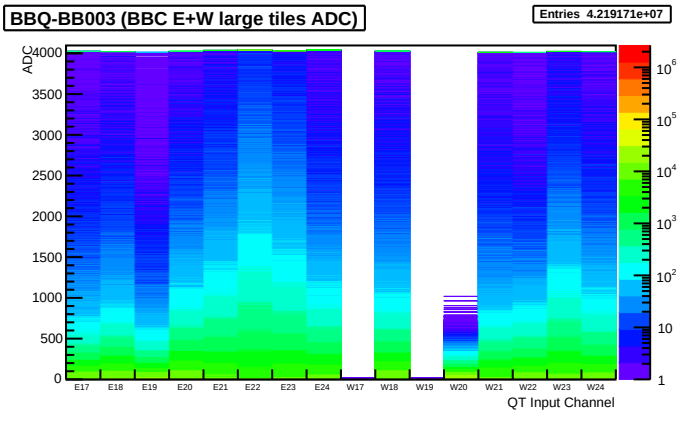
RPWHO2
RPWHI1
RPWHI2
1
10

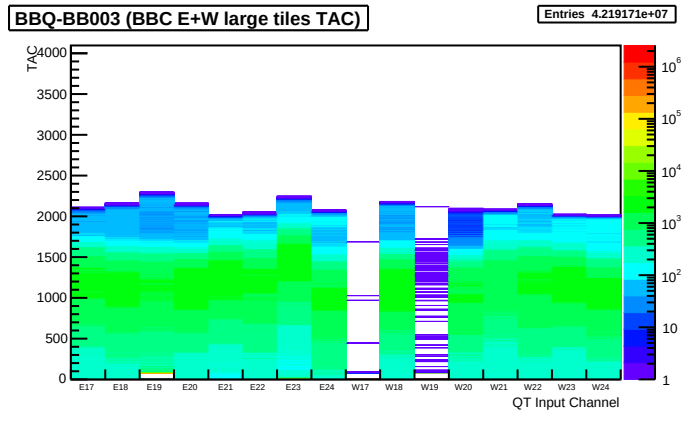

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.219171e+07
ADC
QT Input Channel

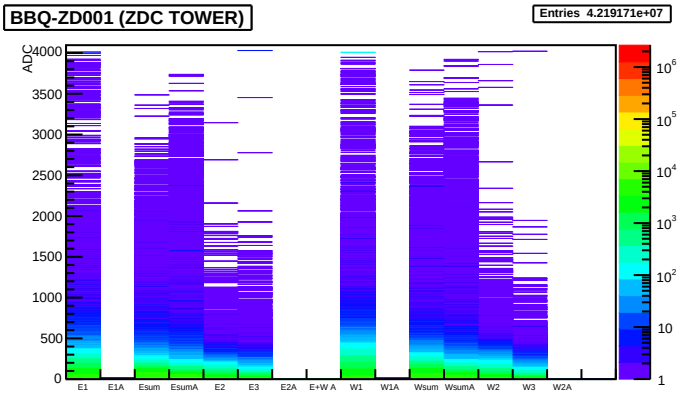

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.219171e+07
TAC
QT Input Channel

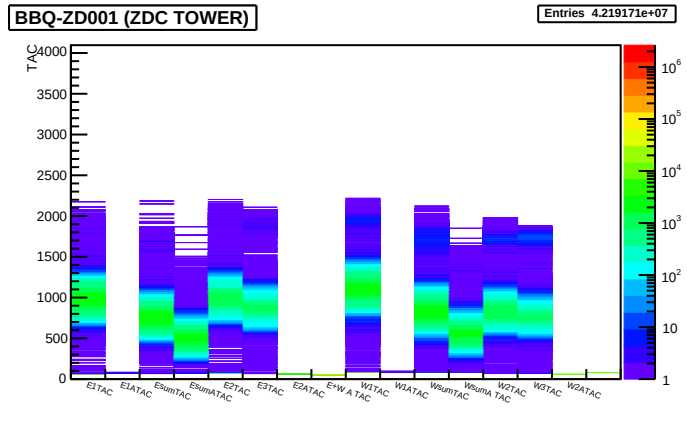

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.219171e+07
ADC
QT Input Channel

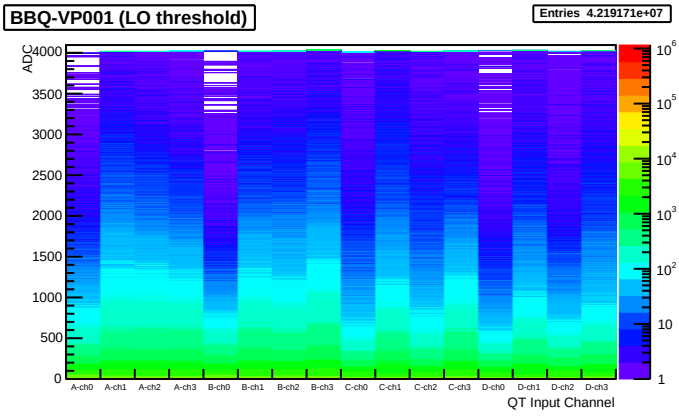

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.219171e+07
TAC
QT Input Channel

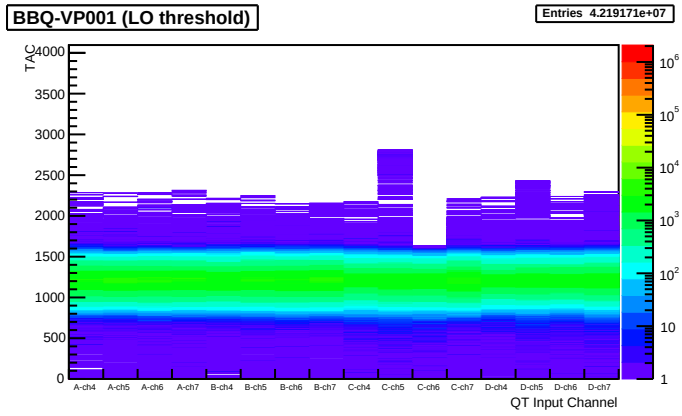

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.219171e+07
ADC
QT Input Channel

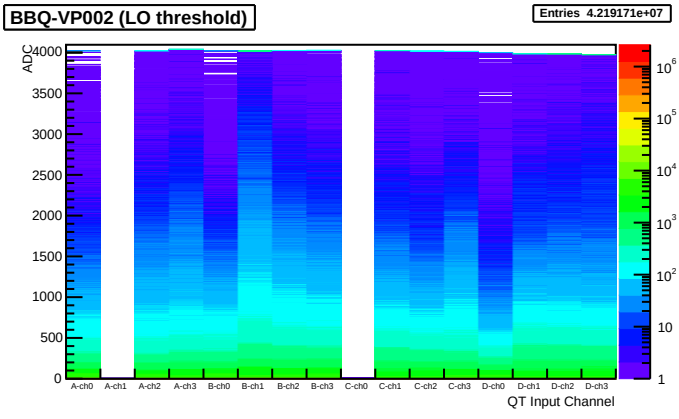

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.219171e+07
TAC
QT Input Channel

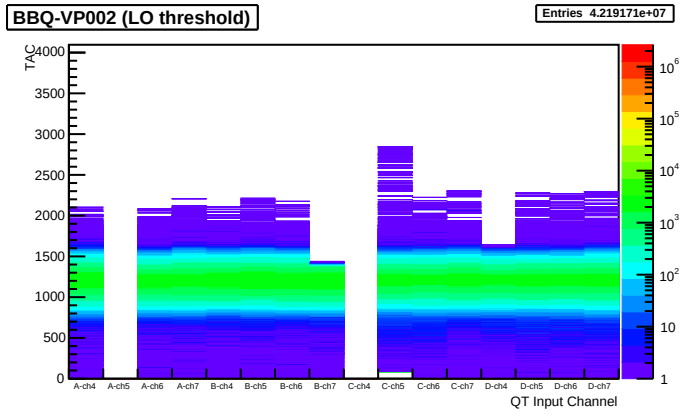

BBQ-ZD001 (ZDC TOWER)
Entries 4.219171e+07
ADC

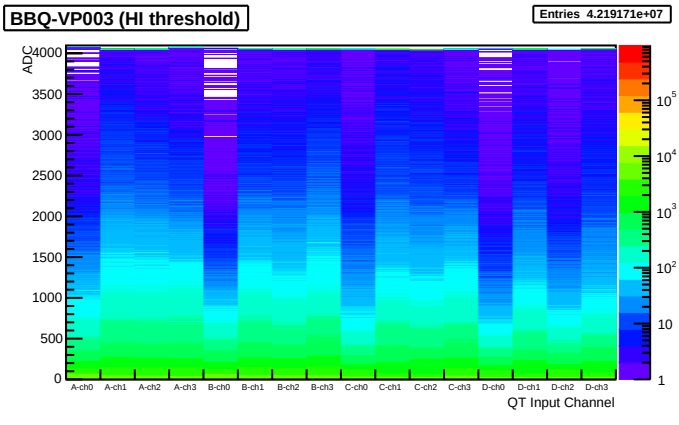

BBQ-ZD001 (ZDC TOWER)
Entries 4.219171e+07
TAC

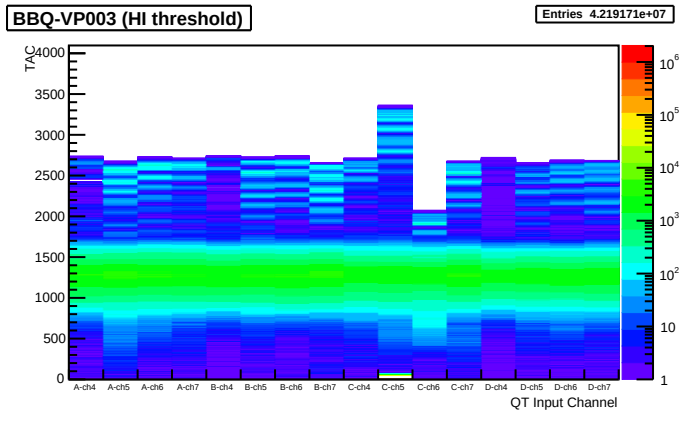

BBQ-VP001 (LO threshold)
Entries 4.219171e+07
ADC
QT Input Channel

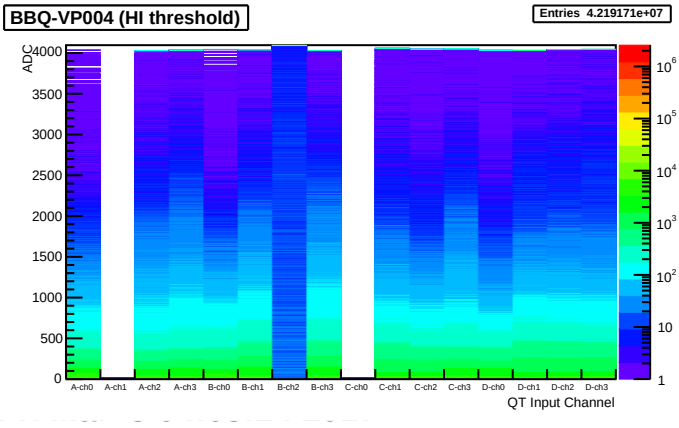

BBQ-VP001 (LO threshold)
Entries 4.219171e+07
TAC
QT Input Channel

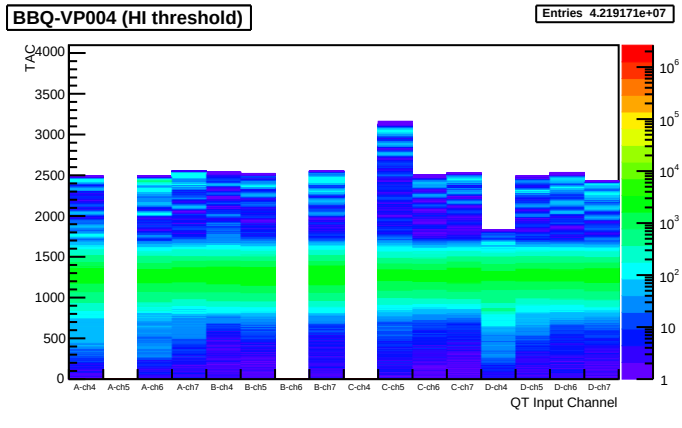

BBQ-VP002 (LO threshold)
Entries 4.219171e+07
ADC
QT Input Channel

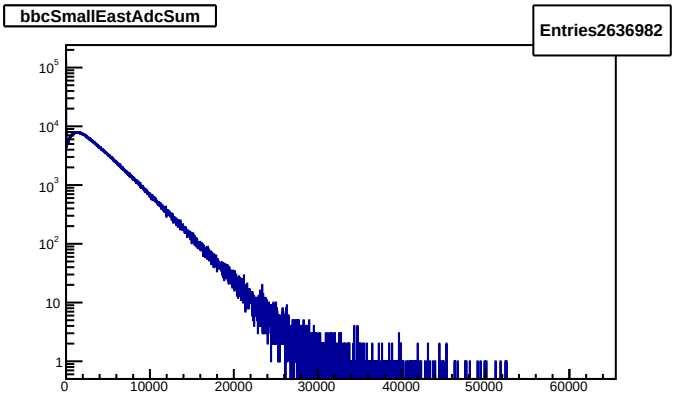

BBQ-VP002 (LO threshold)
Entries 4.219171e+07
TAC
QT Input Channel

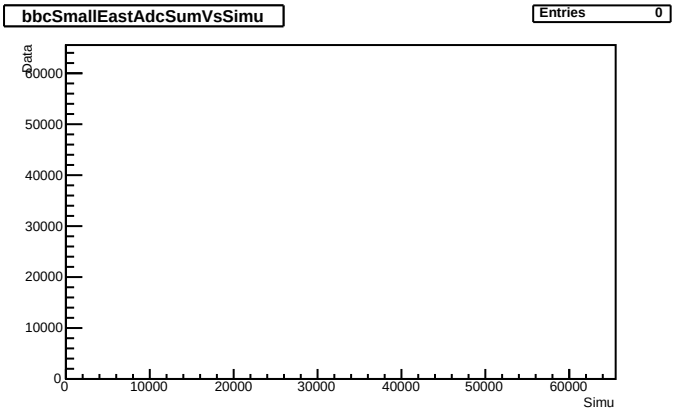

BBQ-VP003 (HI threshold)
Entries 4.219171e+07
ADC
QT Input Channel

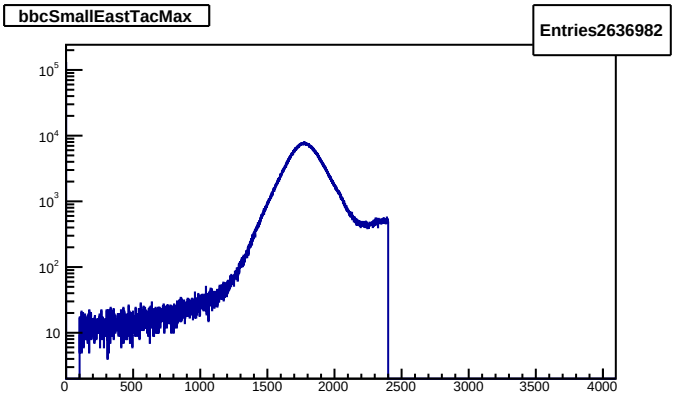

BBQ-VP003 (HI threshold)
Entries 4.219171e+07
TAC
QT Input Channel

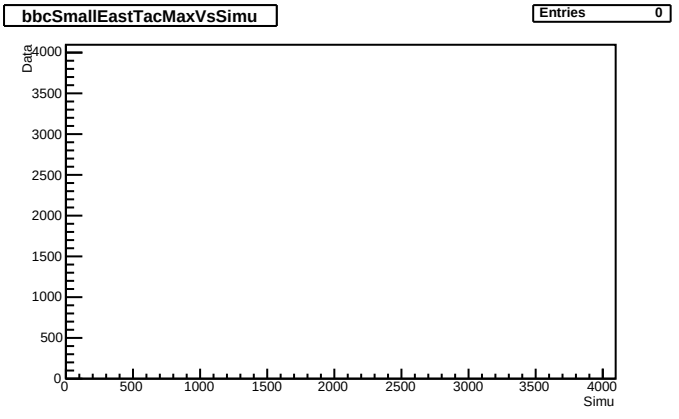

BBQ-VP004 (HI threshold)
Entries 4.219171e+07
ADC
QT Input Channel

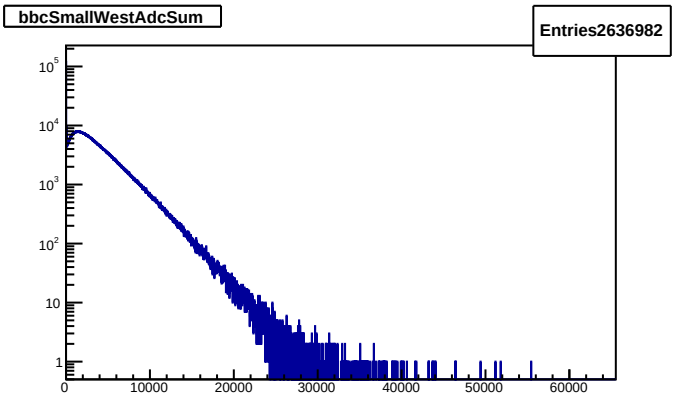

BBQ-VP004 (HI threshold)
Entries 4.219171e+07
TAC
QT Input Channel

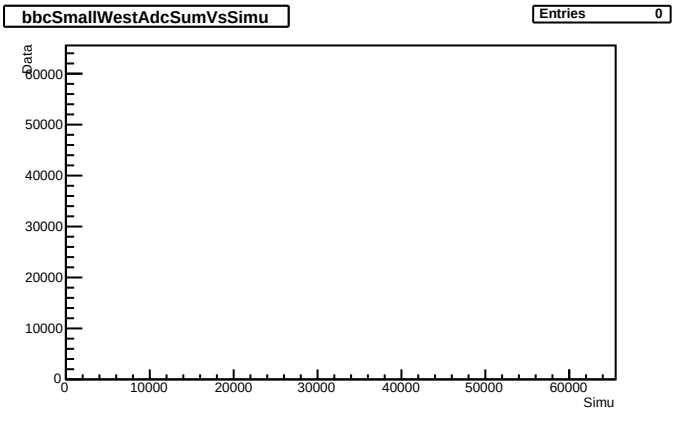

bbcSmallEastAdcSum
Entries2636982

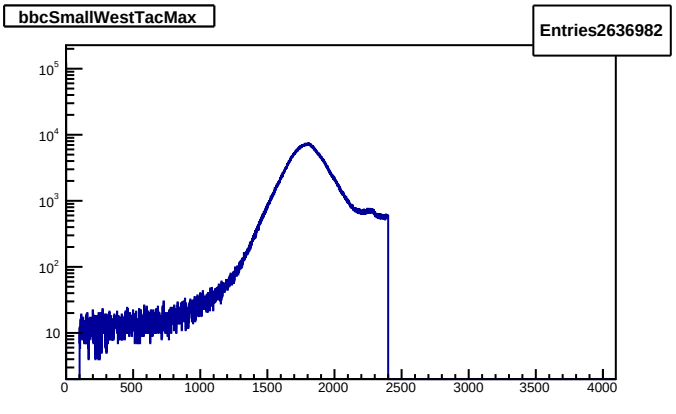

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

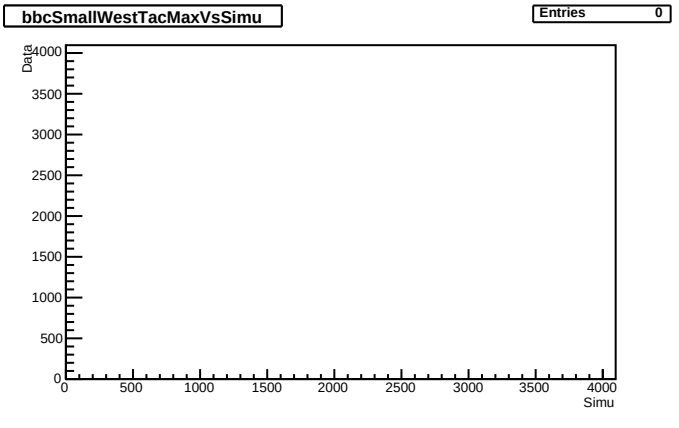

bbcSmallEastTacMax
Entries2636982

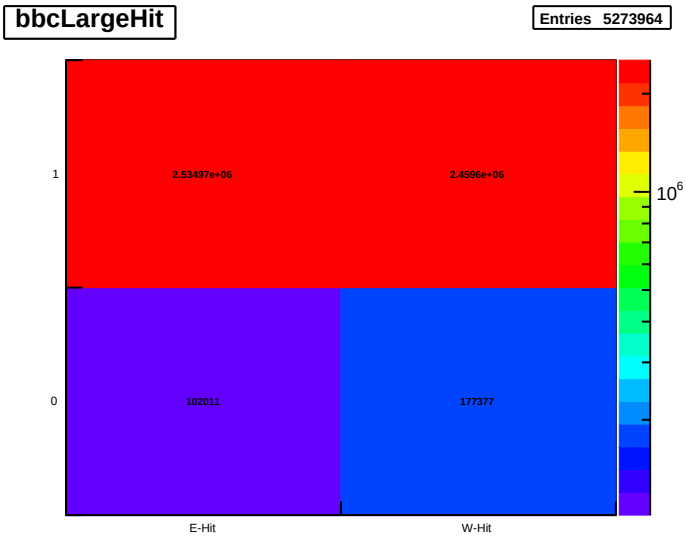

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

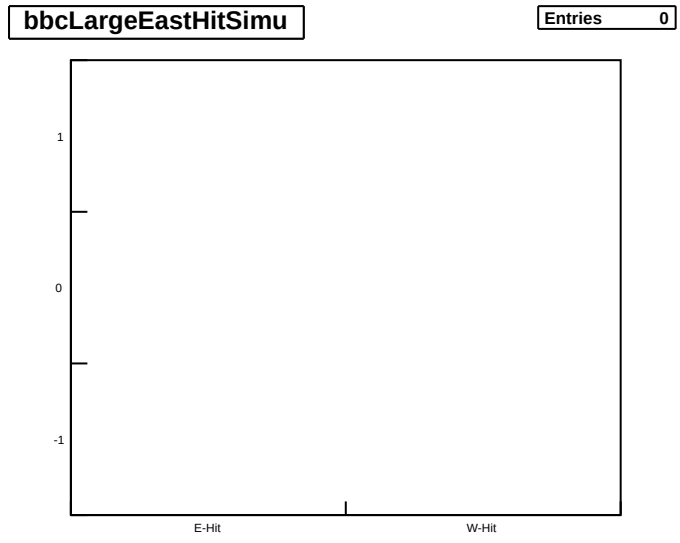

bbcSmallWestAdcSum
Entries2636982

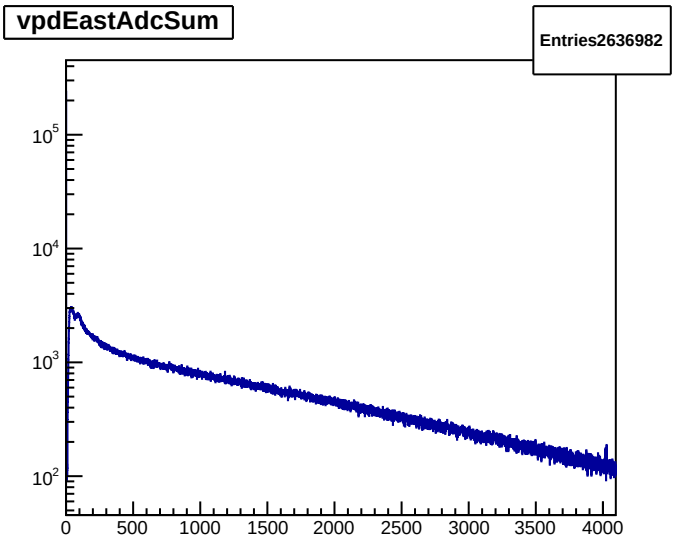

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

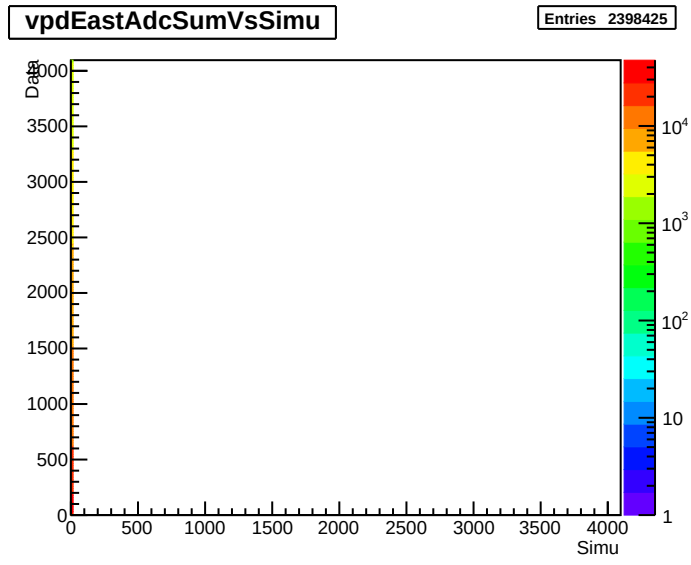

bbcSmallWestTacMax
Entries2636982

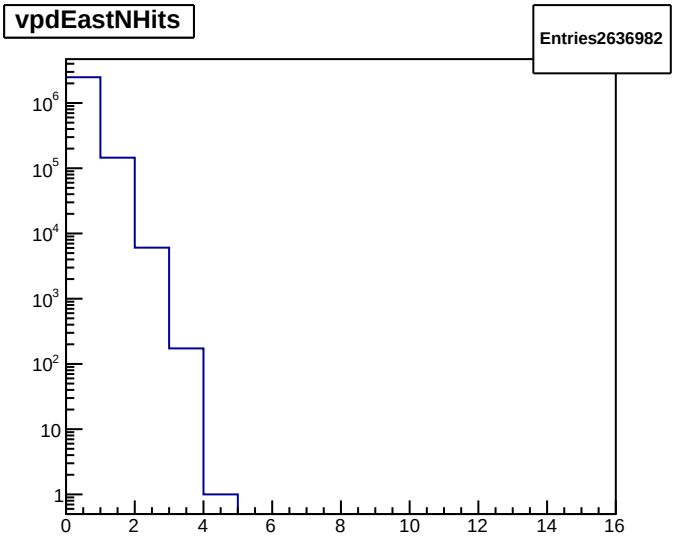

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

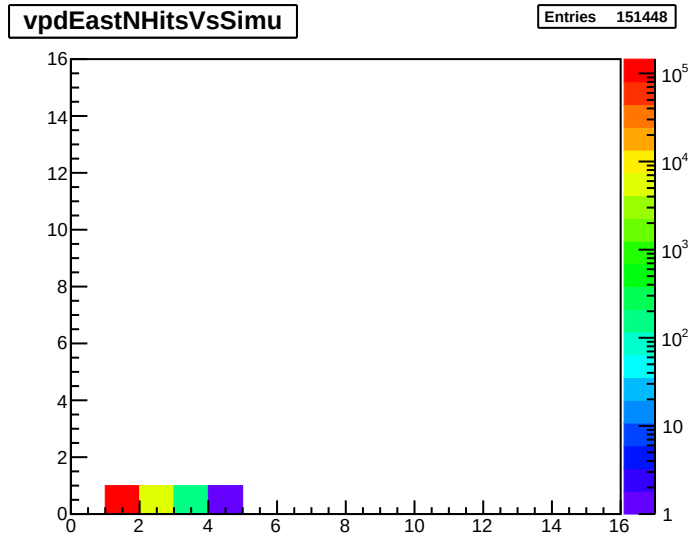

bbcLargeHit
Entries 5273964
1
0
2.53497e+06
2.4596e+06
102011
177377
E-Hit
W-Hit
10^6

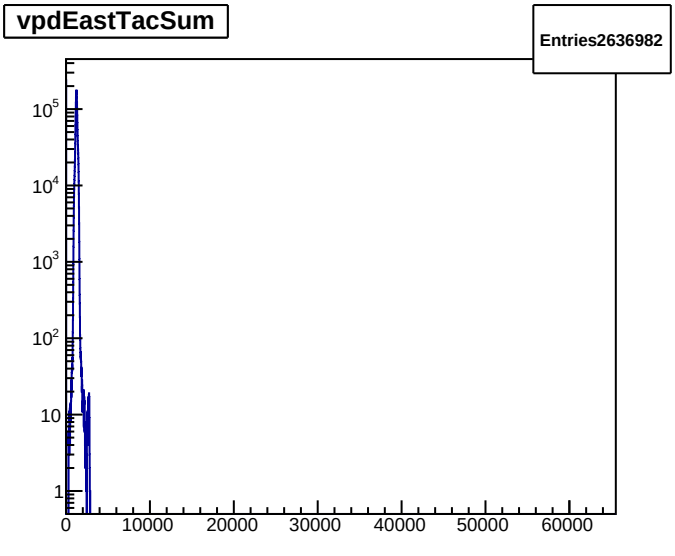

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

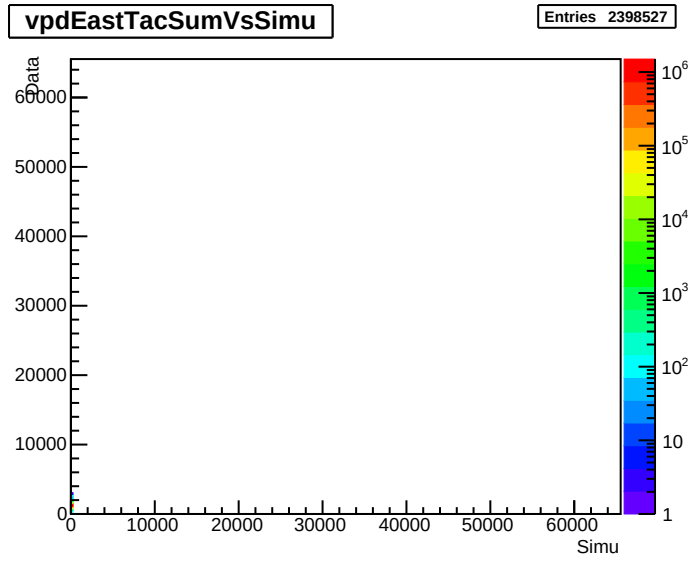

vpdEastAdcSum
Entries2636982

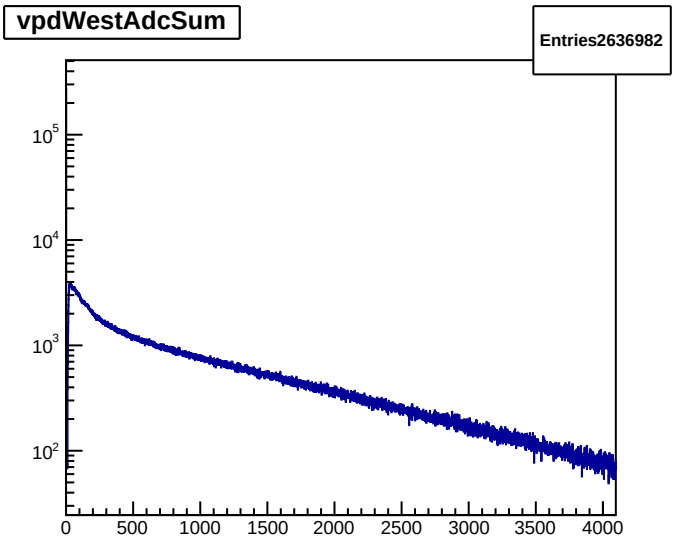

vpdEastAdcSumVsSimu
Entries 2398425
Data
Simu

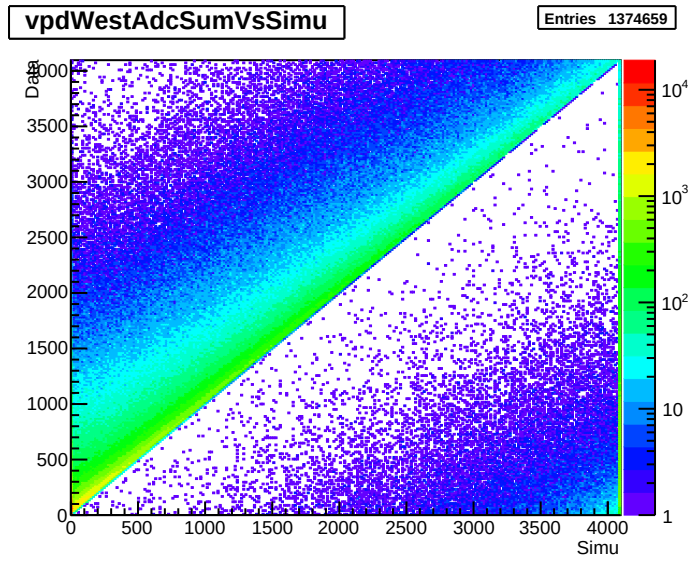

vpdEastNHits
Entries2636982

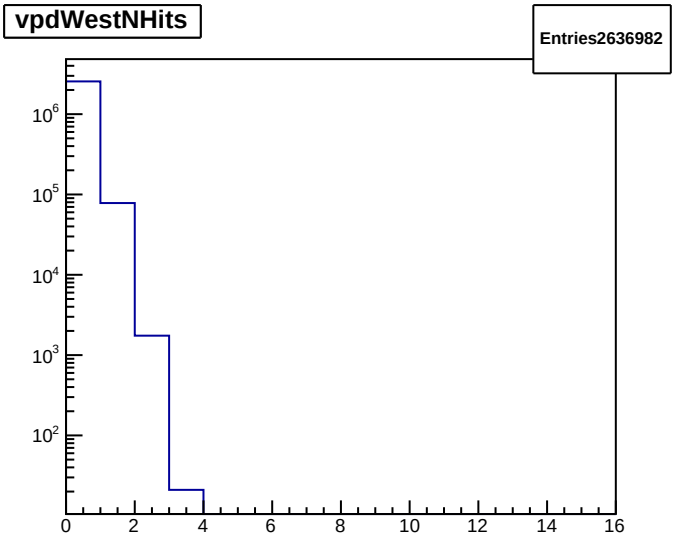

vpdEastNHitsVsSimu
Entries 151448

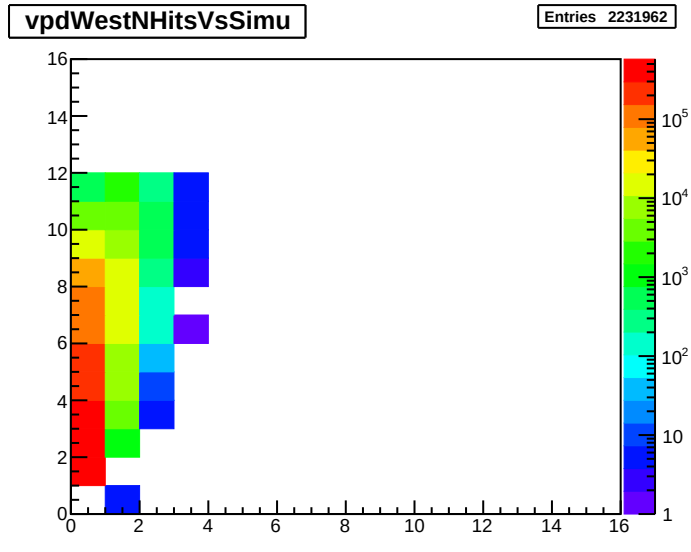

vpdEastTacSum
Entries2636982

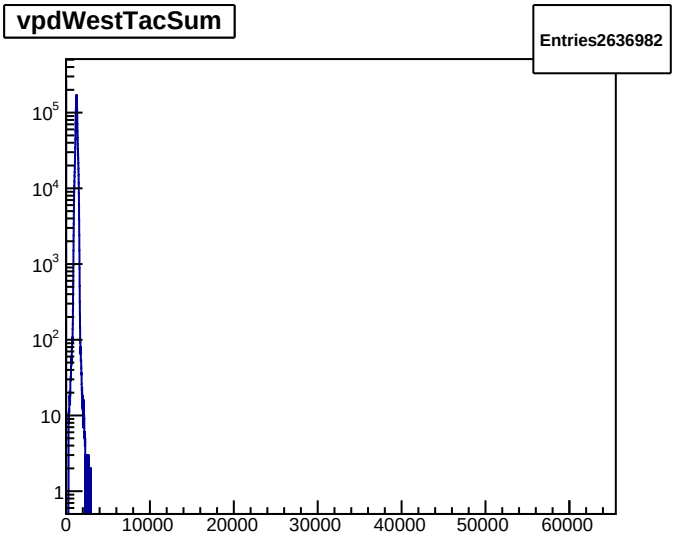

vpdEastTacSumVsSimu
Entries 2398527
Data
Simu

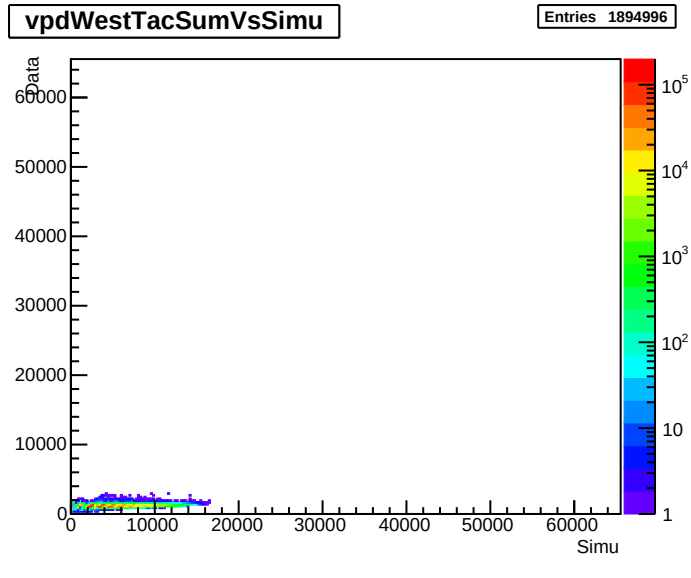

vpdWestAdcSum
Entries2636982

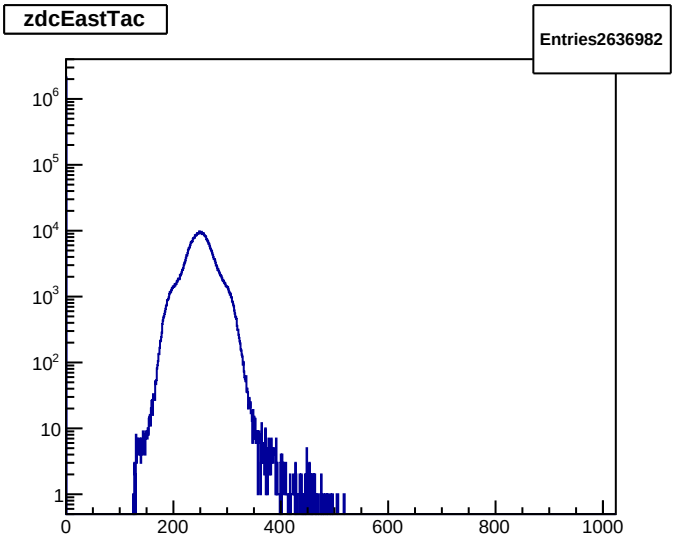

vpdWestAdcSumVsSimu
Entries 1374659
Data
Simu

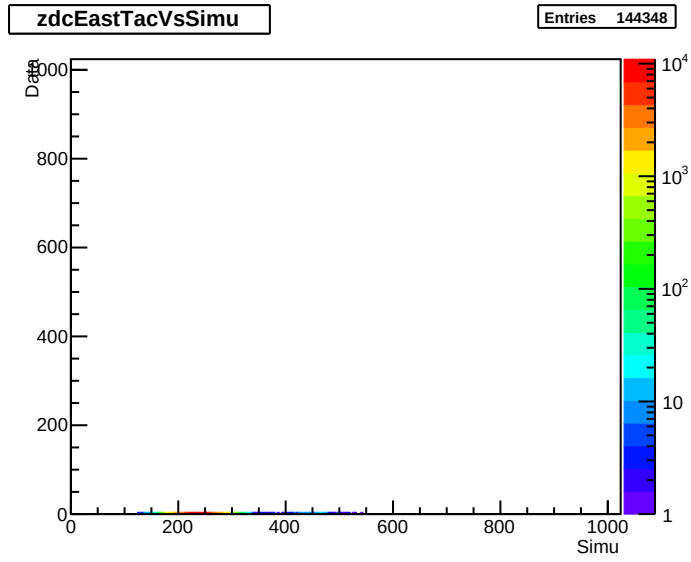

vpdWestNHits
Entries2636982

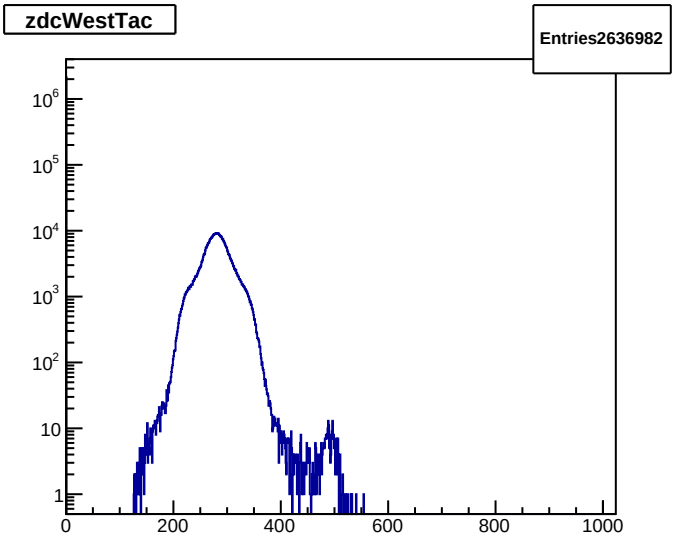

vpdWestNHitsVsSimu
Entries 2231962

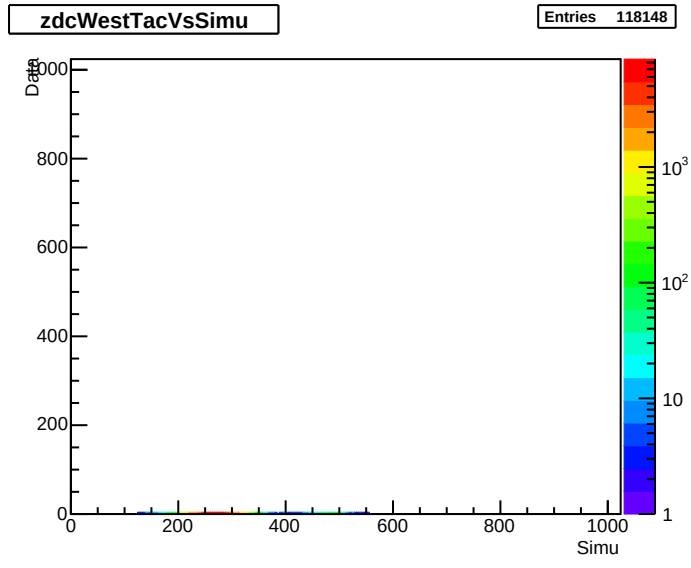

vpdWestTacSum
Entries2636982

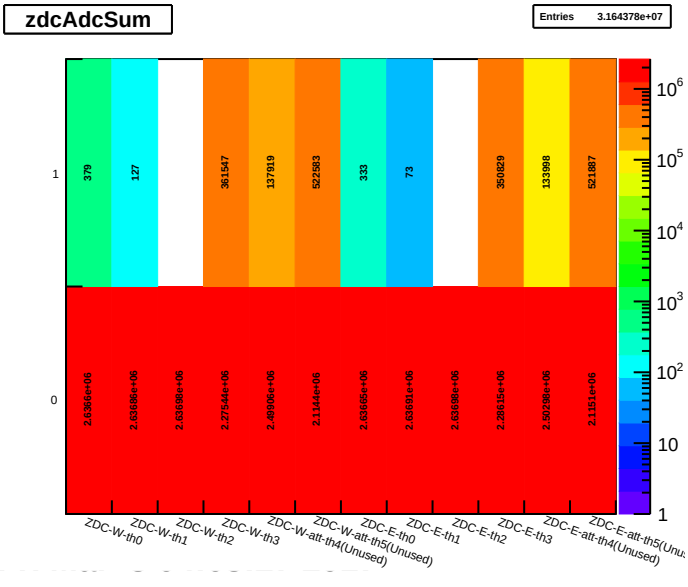

vpdWestTacSumVsSimu
Entries 1894996
Data
Simu

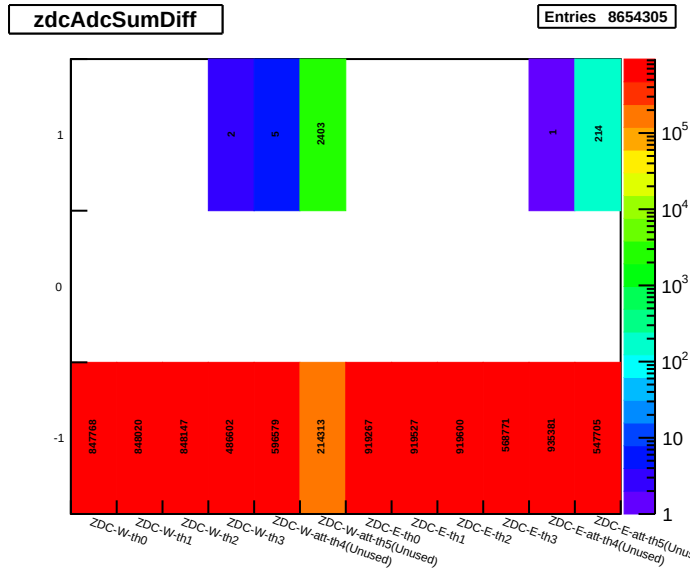

zdcEastTac
Entries2636982

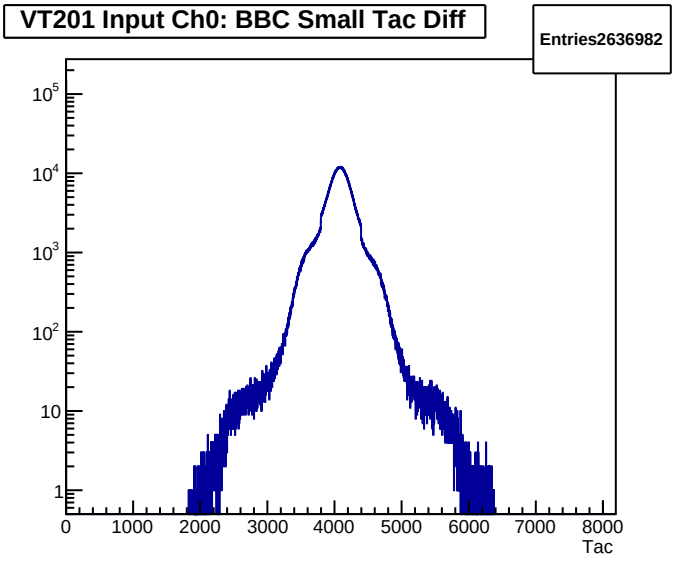

zdcEastTacVsSimu
Entries 144348
Data
Simu

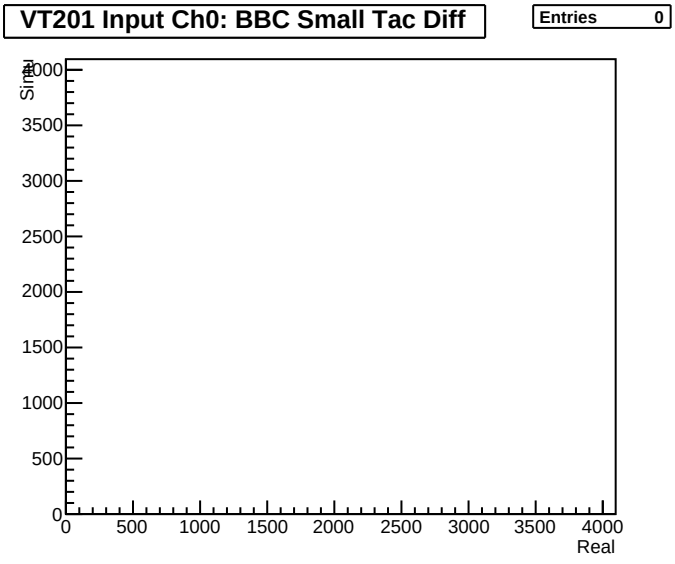

zdcWestTac
Entries2636982

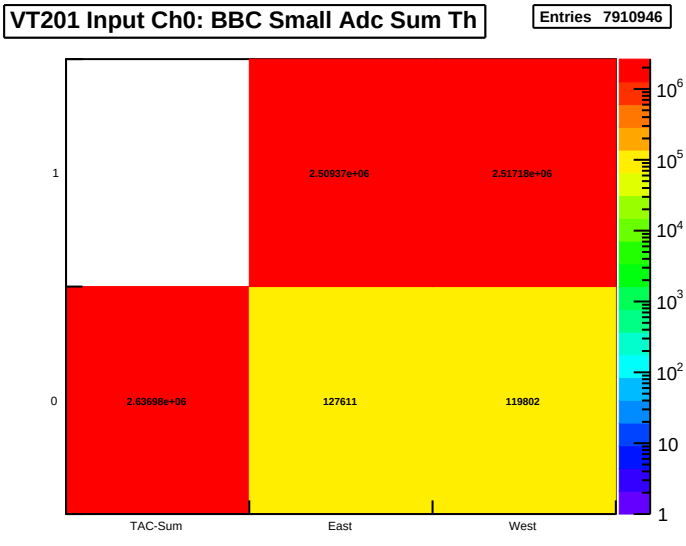

zdcWestTacVsSimu
Entries 118148
Data
Simu

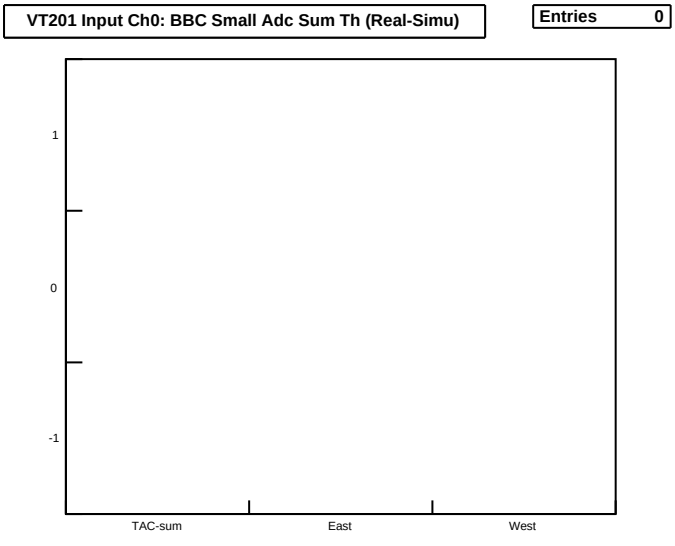

zdcAdcSum
Entries 3.164378e+07
379
127
361547
137819
522583
333
73
350829
133998
521887
2.6366e+06
2.63686e+06
2.63698e+06
2.27544e+06
2.49906e+06
2.1144e+06
2.63665e+06
2.63691e+06
2.63698e+06
2.28615e+06
2.50298e+06
2.1151e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

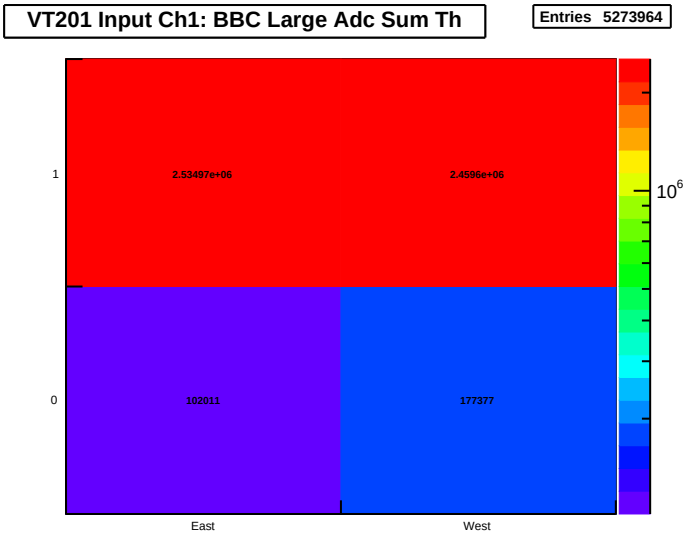

zdcAdcSumDiff
Entries 8654305
2
5
2403
1
214
847768
848020
848147
486602
595579
214313
919267
915527
919600
568771
935381
547705
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

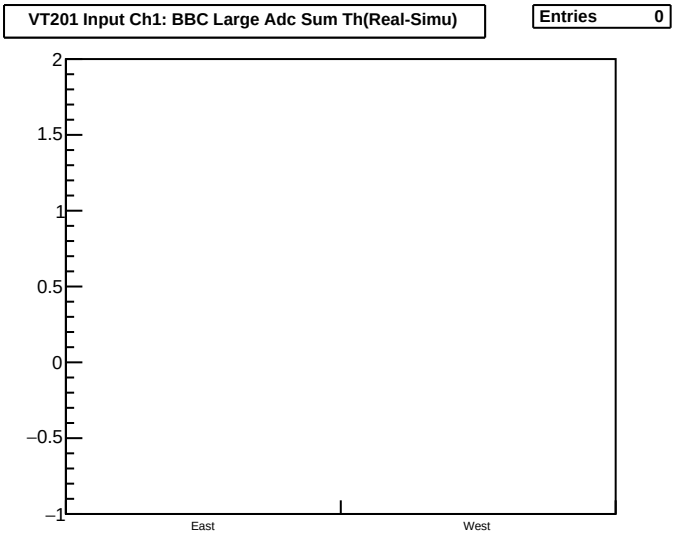

VT201 Input Ch0: BBC Small Tac Diff
Entries2636982
Tac


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

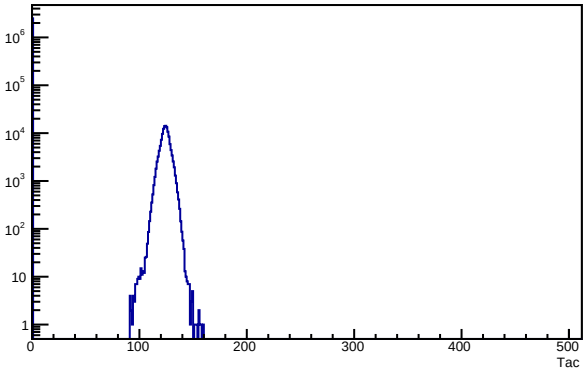

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7910946
2.50937e+06
2.51718e+06
2.63698e+06
127611
119802
TAC-Sum
East
West


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

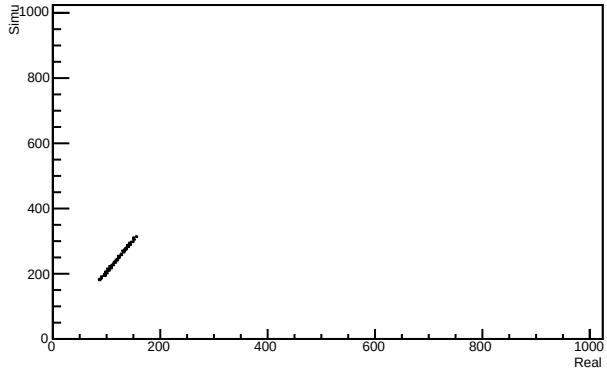

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5273964
2.53497e+06
2.4596e+06
102011
177377
East
West


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

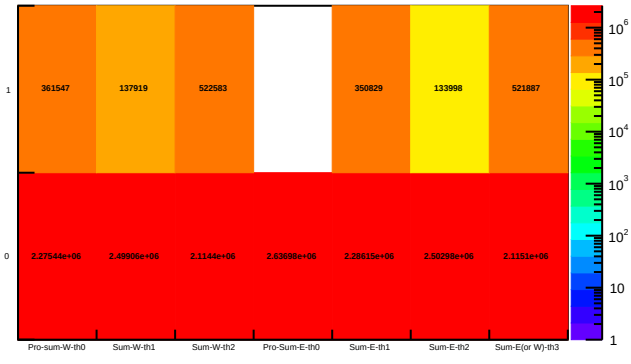
VT201 Input Ch2: ZDC Tac Diff



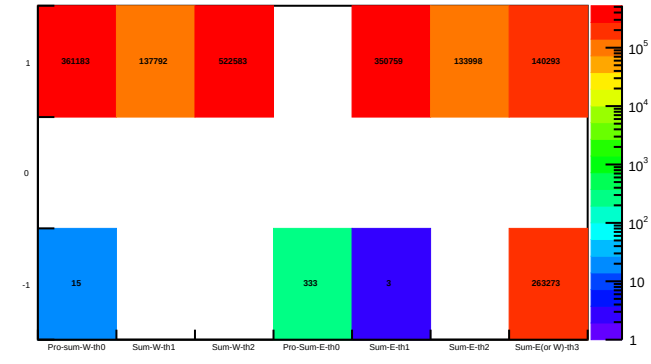
VT201 Input Ch2: ZDC Tac Diff



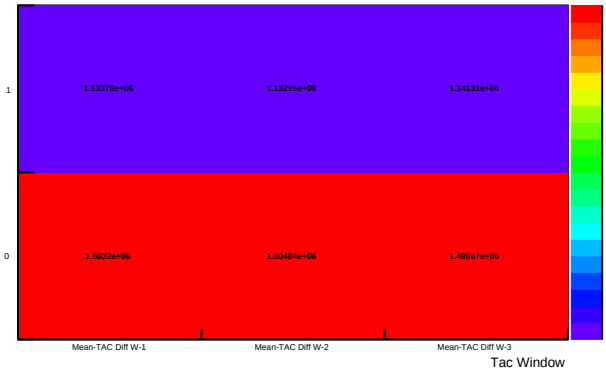
VT201 Input Ch2: ZDC Adc Sum Th



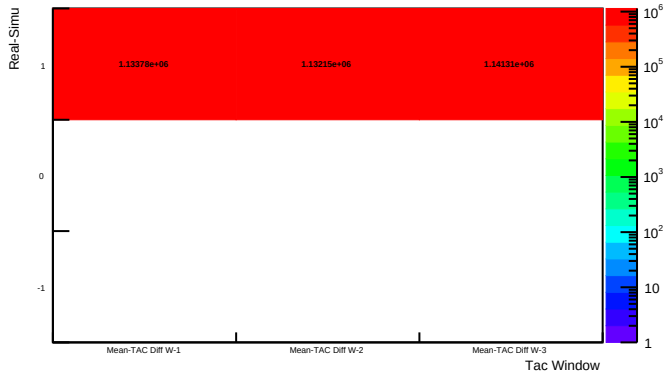
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



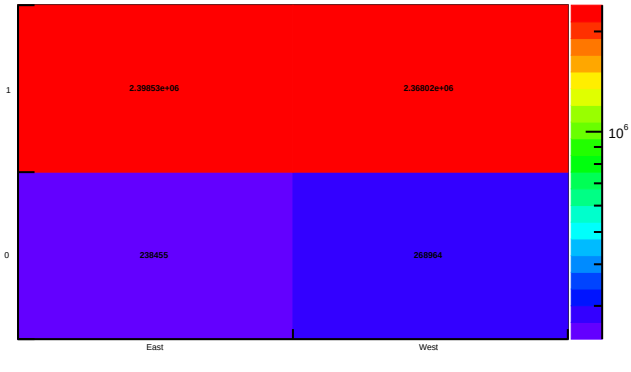
VT201 Input Ch4: VPD Tac Diff



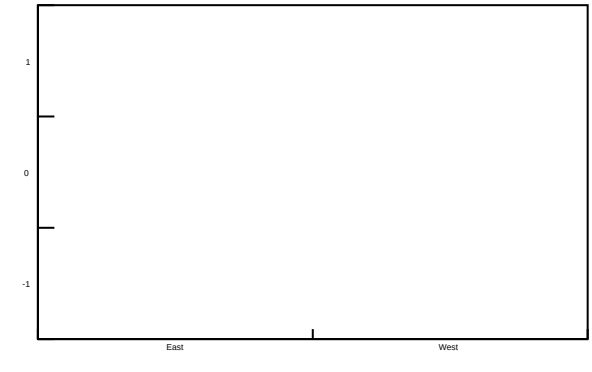
VT201 Input Ch4: VPD Tac Diff

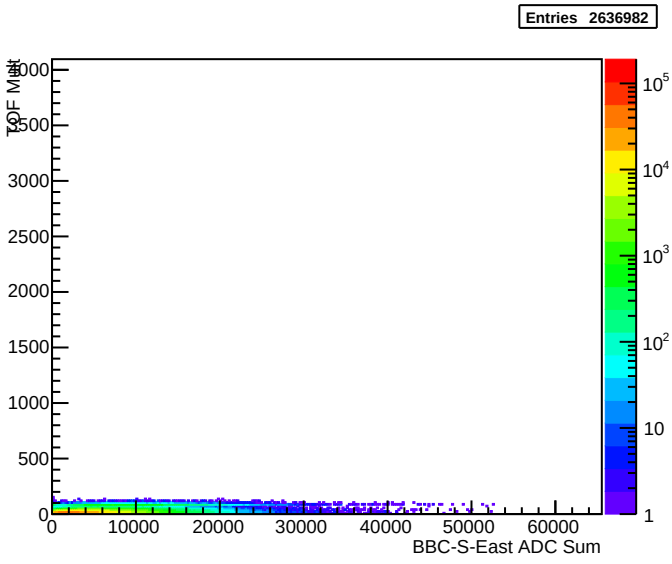


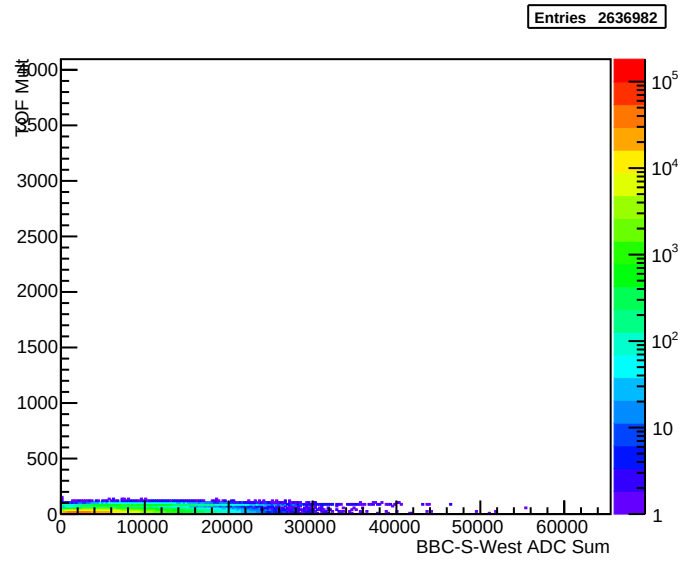
VT201 Input Ch4: VPD Adc Sum Th

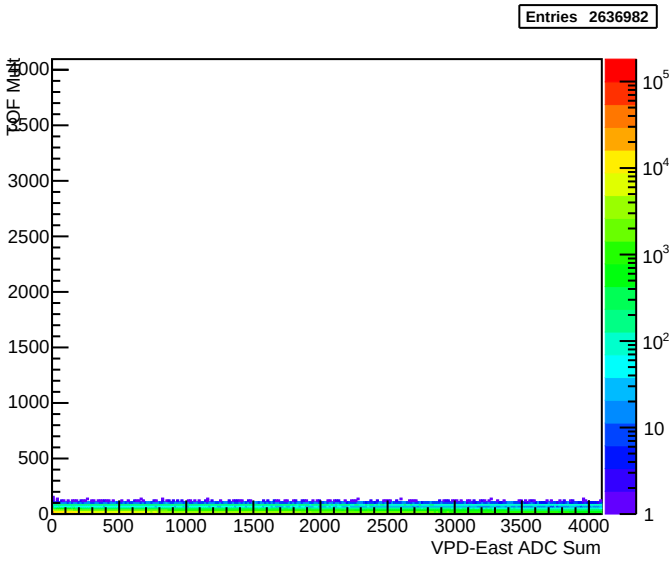


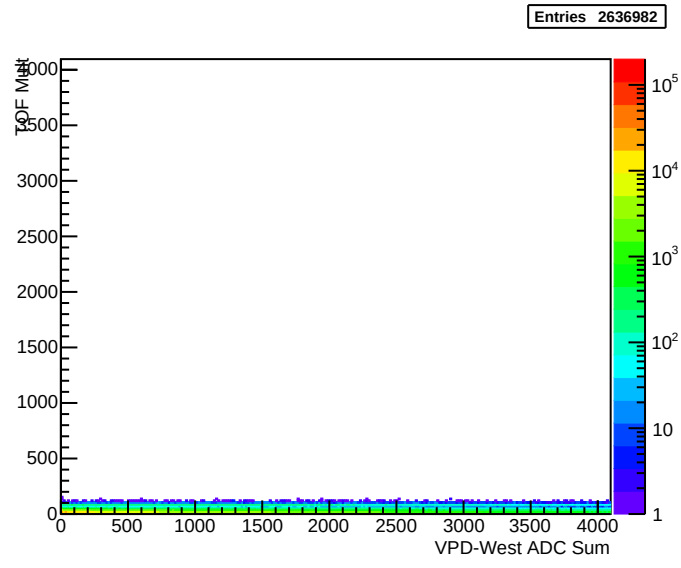
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

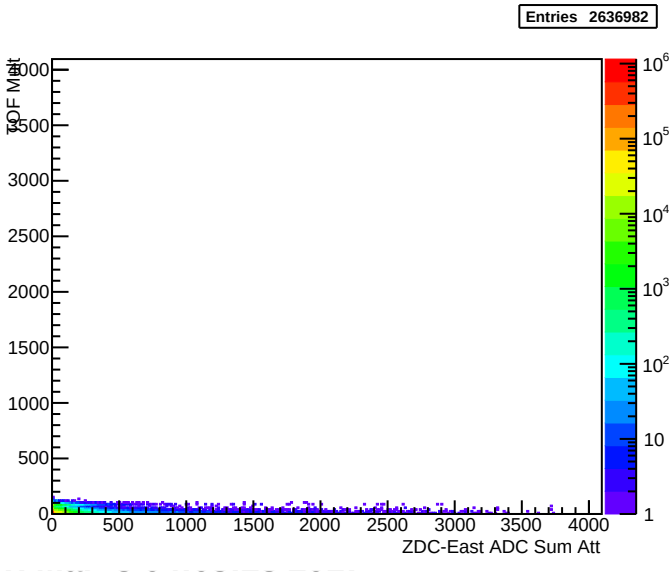


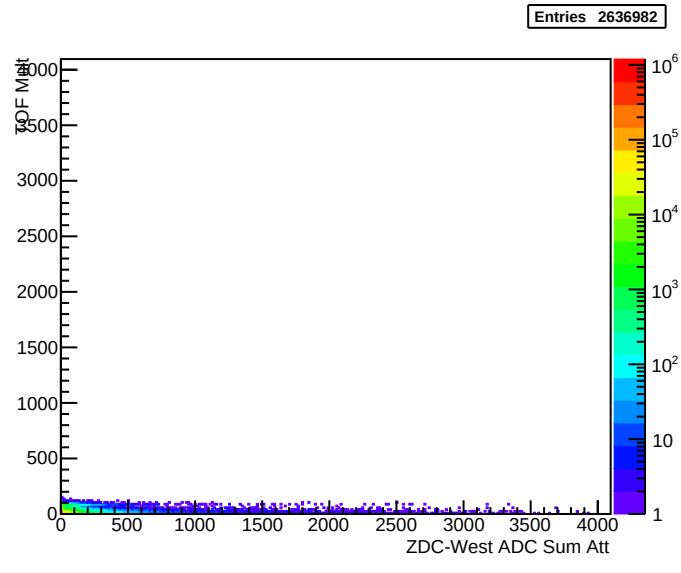

Entries 2636982
TOF Mult
BBC-S-East ADC Sum

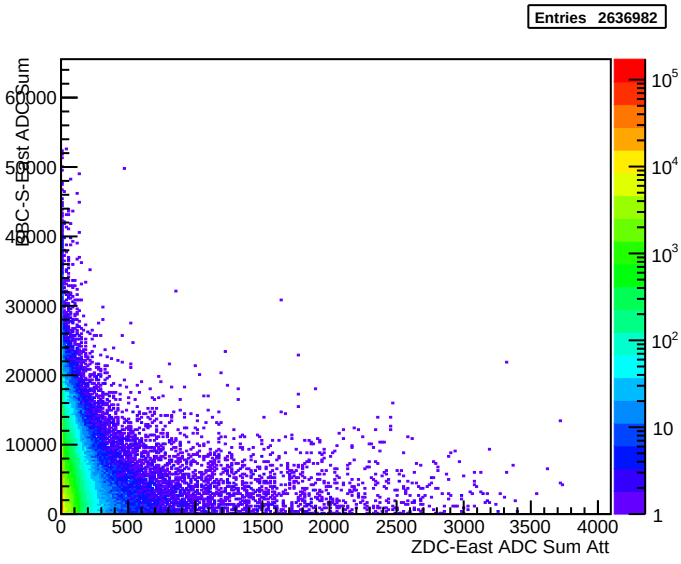

Entries 2636982
TOF Mult
BBC-S-West ADC Sum

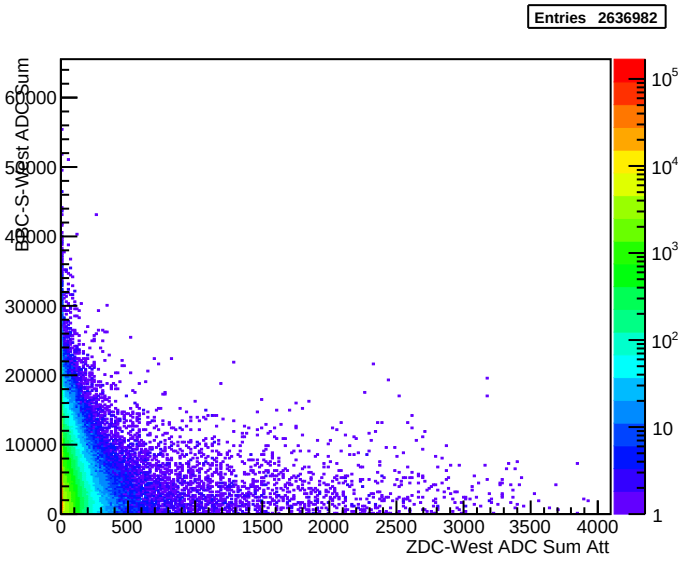

Entries 2636982
TOF Mult
VPD-East ADC Sum

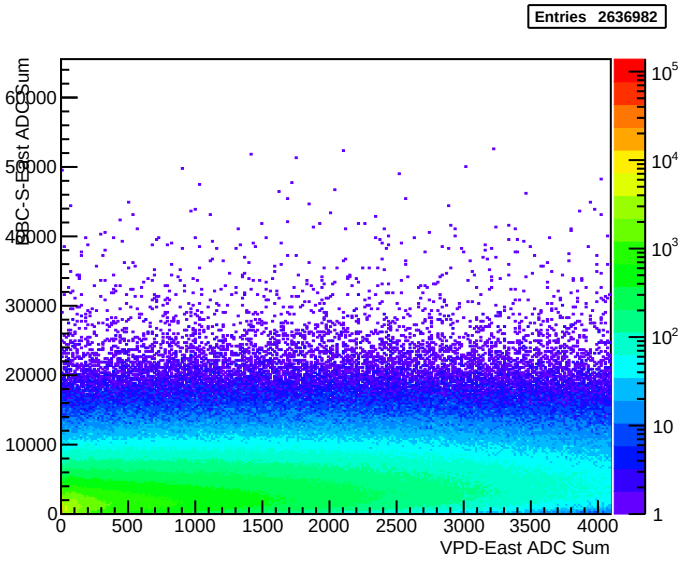

Entries 2636982
TOF Mult
VPD-West ADC Sum

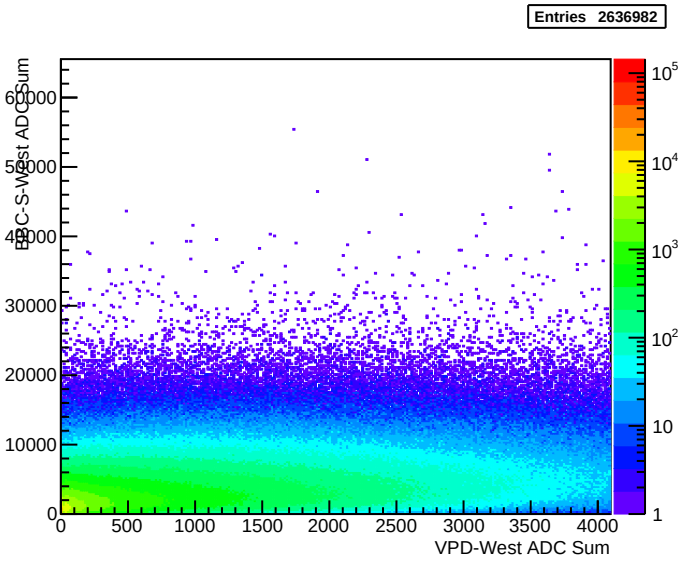

Entries 2636982
TOF Mult
ZDC-East ADC Sum Att

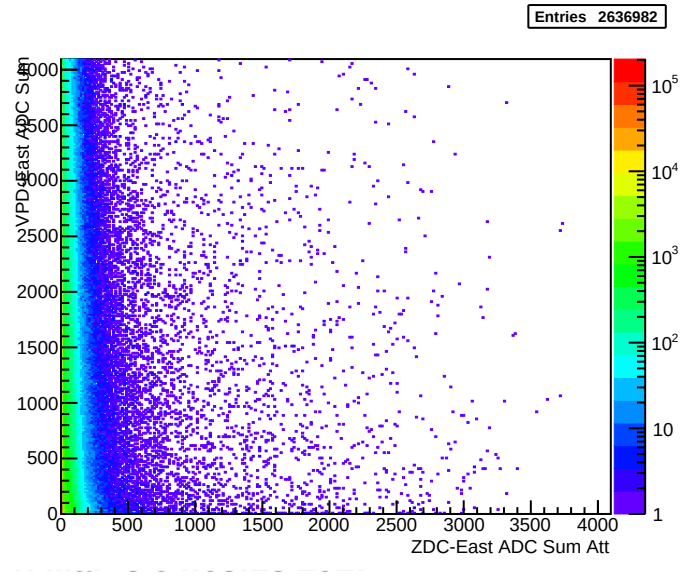

Entries 2636982
TOF Mult
ZDC-West ADC Sum Att

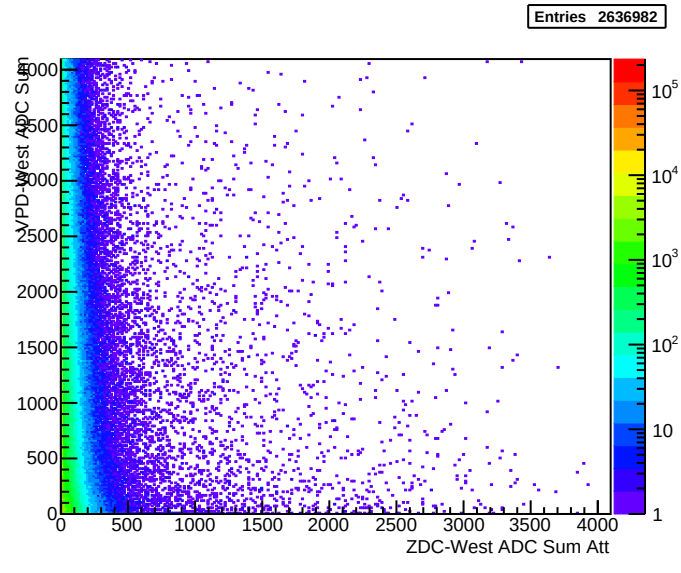

Entries 2636982
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

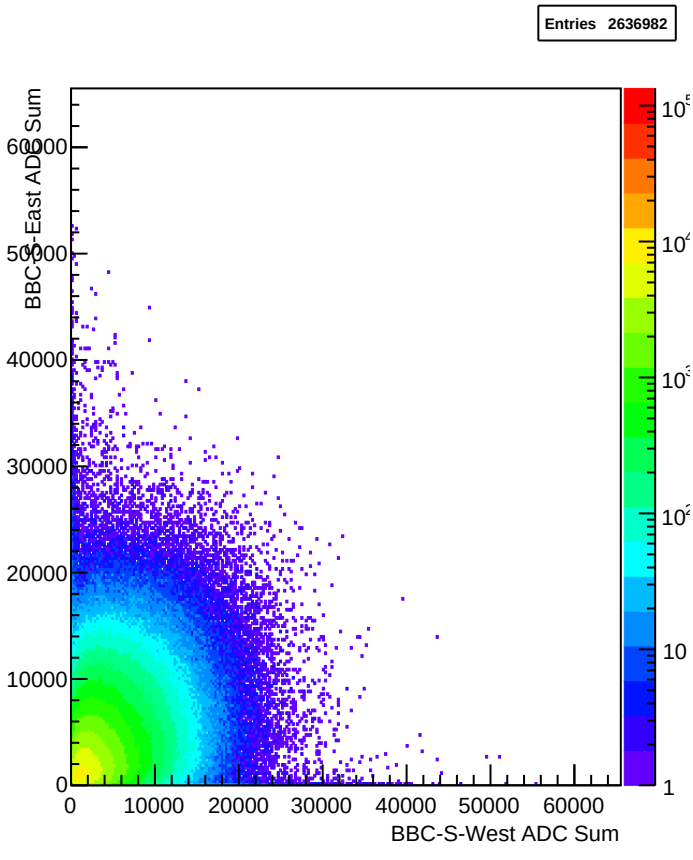

Entries 2636982
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

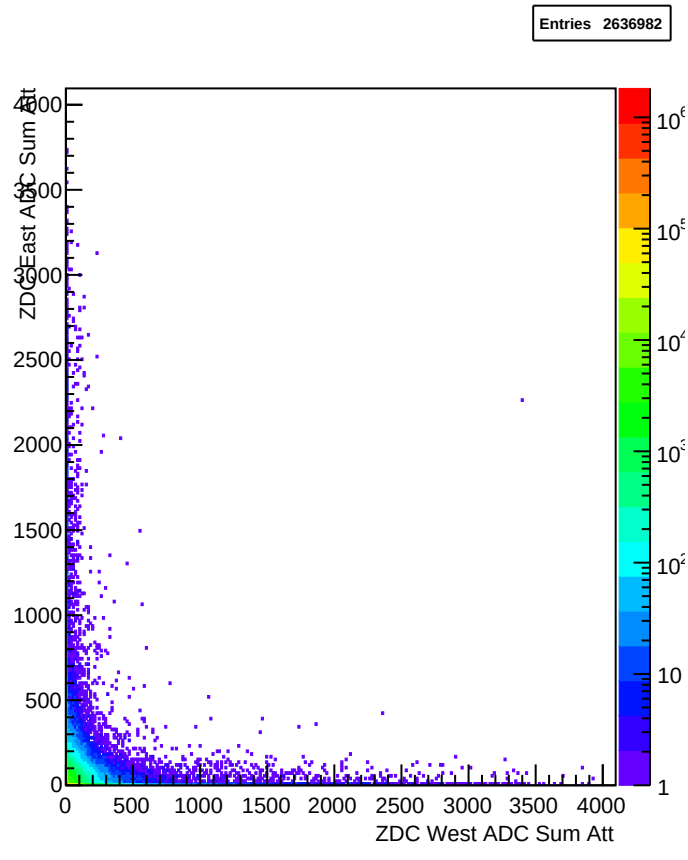

Entries 2636982
BBC-S-East ADC Sum
VPD-East ADC Sum

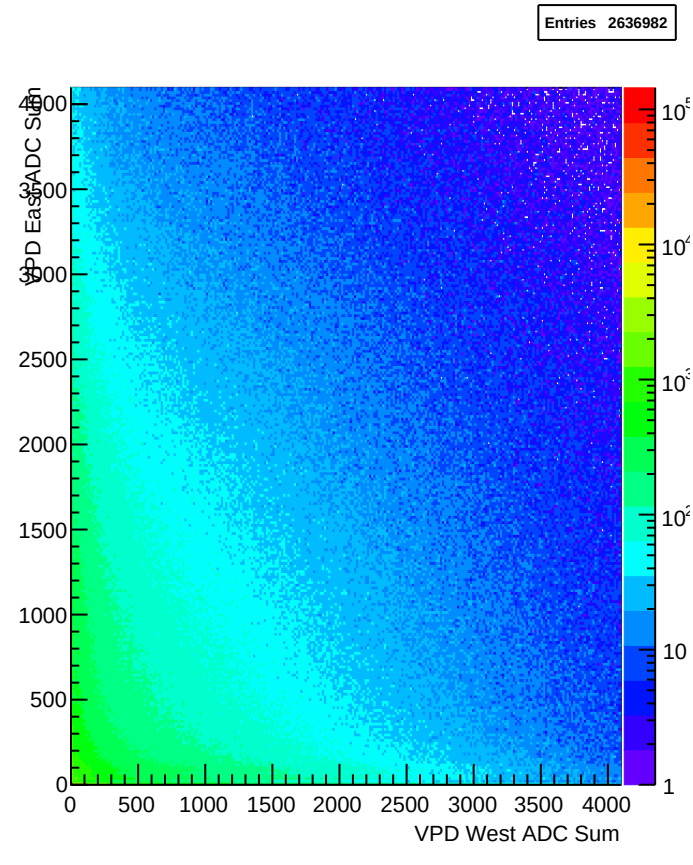

Entries 2636982
BBC-S-West ADC Sum
VPD-West ADC Sum

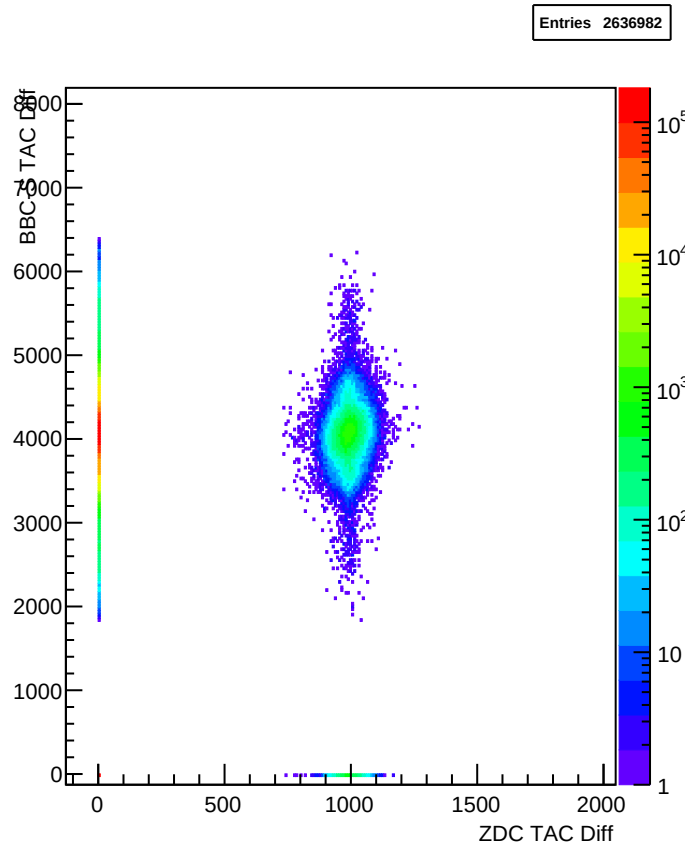

Entries 2636982
VPD-East ADC Sum
ZDC-East ADC Sum Att

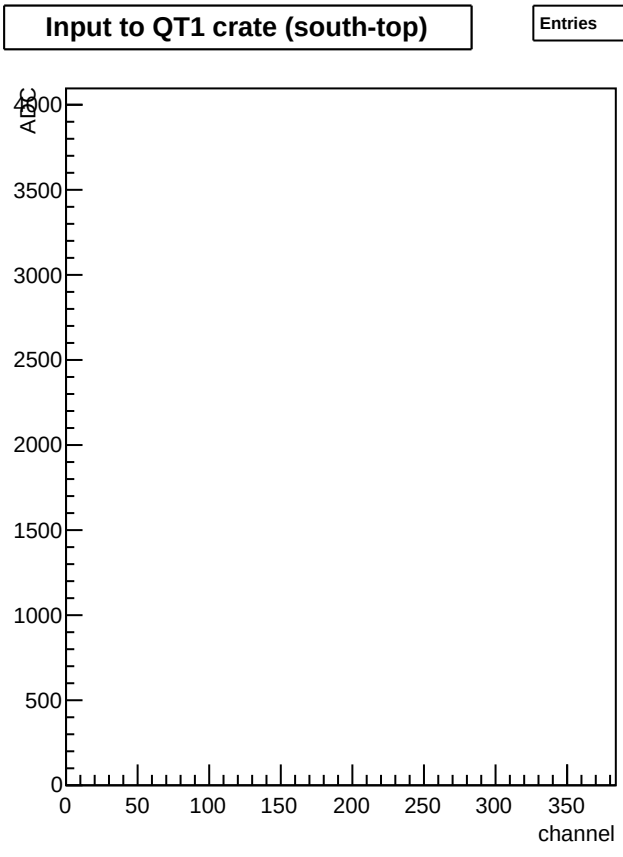

Entries 2636982
VPD-West ADC Sum
ZDC-West ADC Sum Att

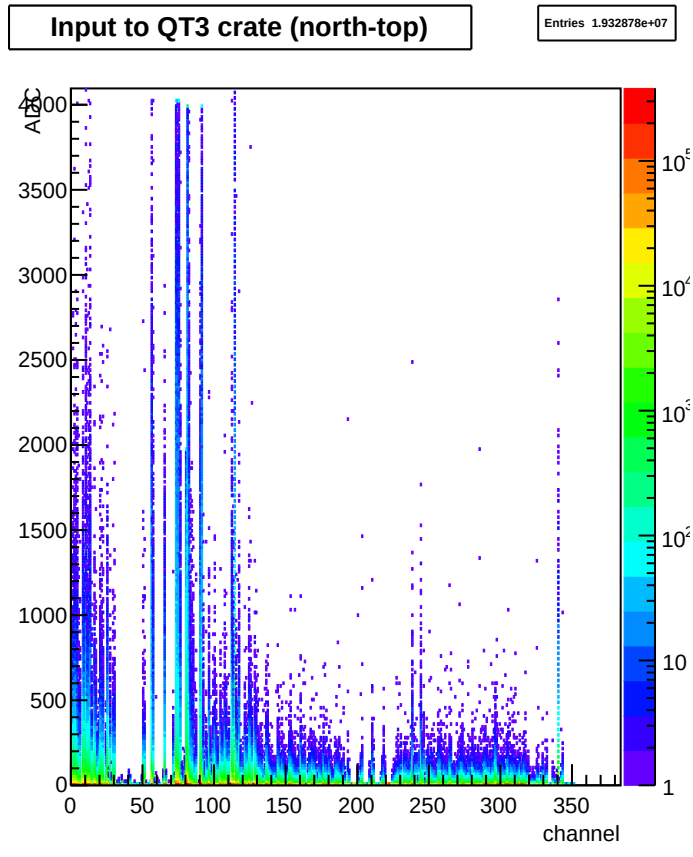

Entries 2636982
BBC-S-East ADC Sum
BBC-S-West ADC Sum

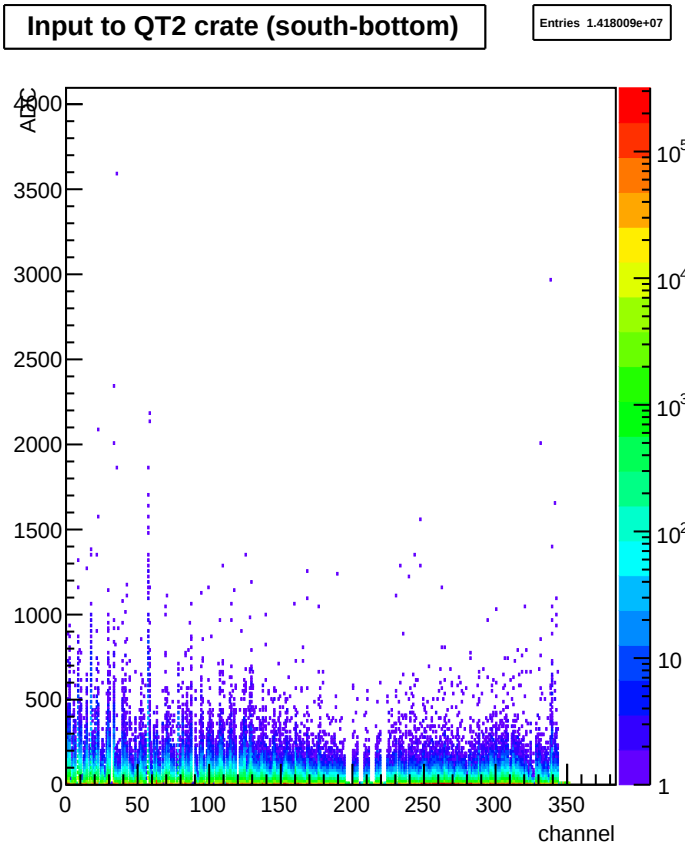

Entries 2636982
ZDC East ADC Sum Att
ZDC West ADC Sum Att

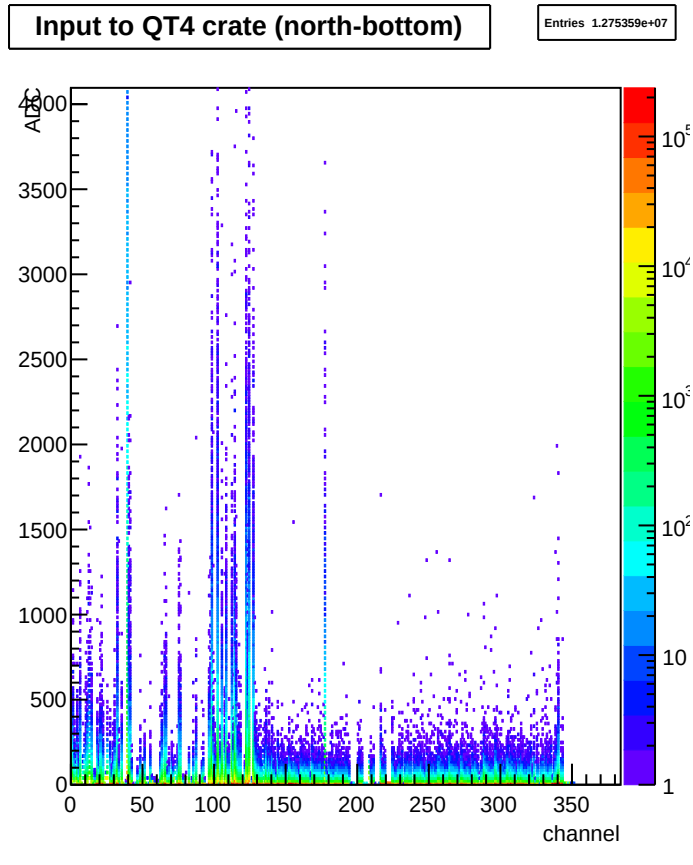

Entries 2636982
VPD East ADC Sum
VPD West ADC Sum

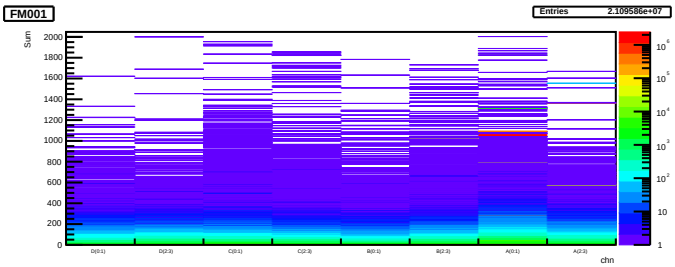

Entries 2636982
BBC-S TAC Diff
ZDC TAC Diff

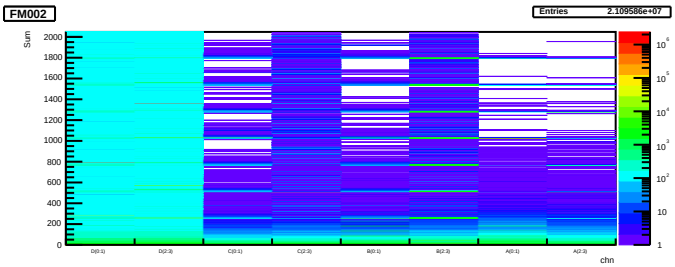

Input to QT1 crate (south-top)
Entries 0
ADC
channel

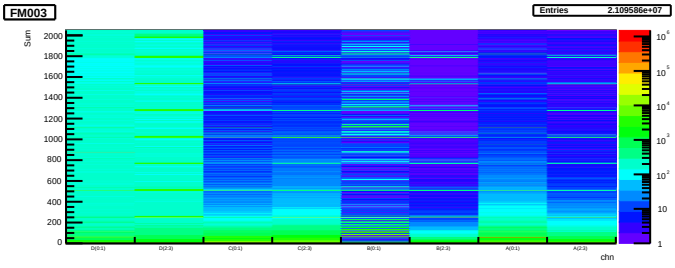

Input to QT3 crate (north-top)
Entries 1.932878e+07
ADC
channel

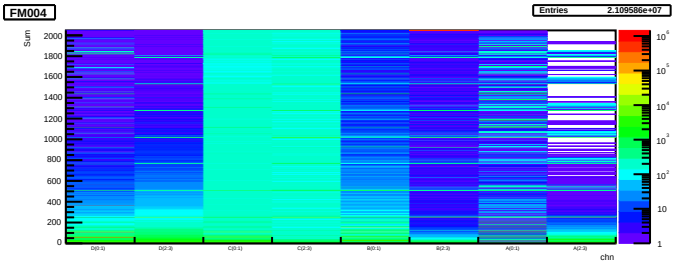

Input to QT2 crate (south-bottom)
Entries 1.418009e+07
ADC
channel

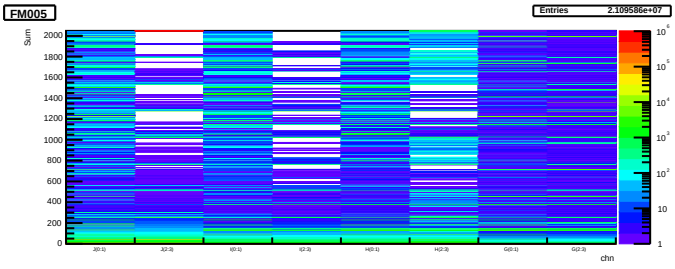

Input to QT4 crate (north-bottom)
Entries 1.275359e+07
ADC
channel

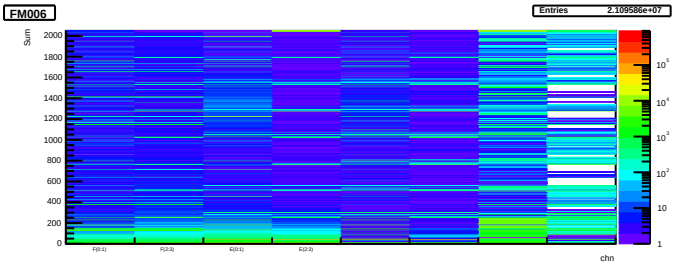

FM001
Entries 2.109586e+07
Sum
chn

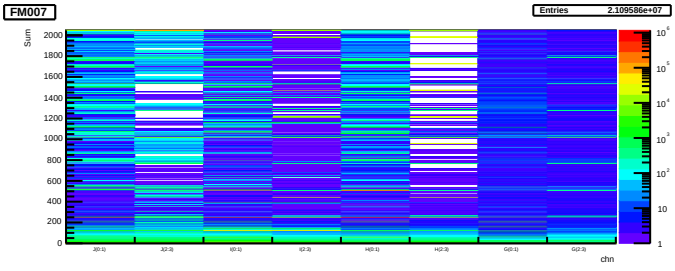

FM002
Entries 2.109586e+07
Sum
chn

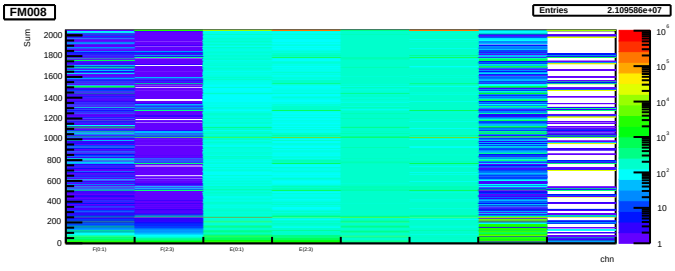

FM003
Entries 2.109586e+07
Sum
chn


FM004
Entries 2.109586e+07
Sum
chn


FM005
Entries 2.109586e+07
Sum
chn


FM006
Entries 2.109586e+07
Sum
chn


FM007
Entries 2.109586e+07
Sum
chn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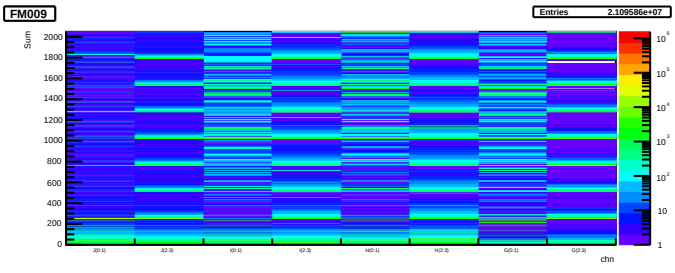
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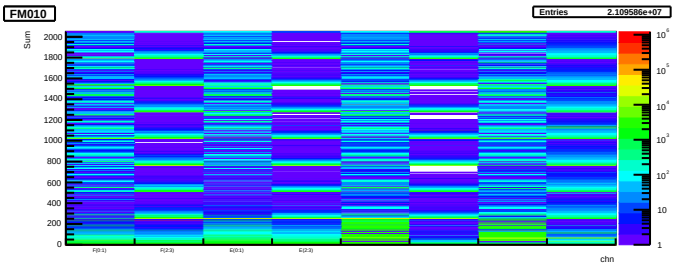
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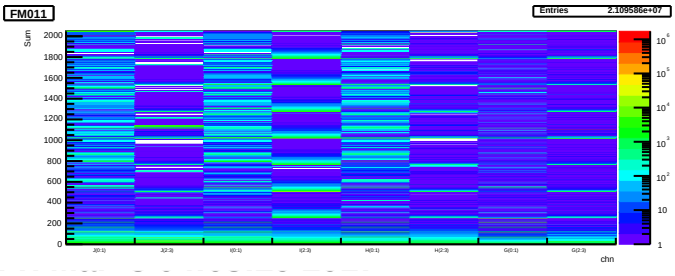
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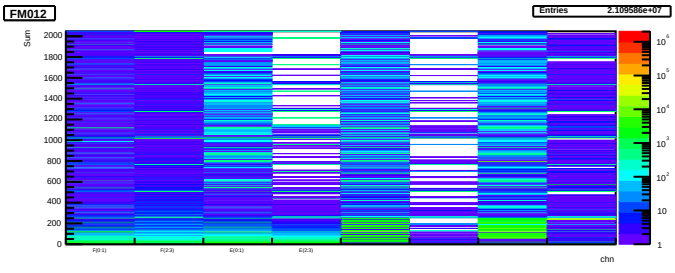
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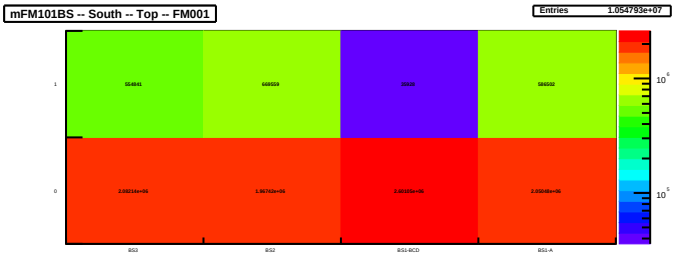
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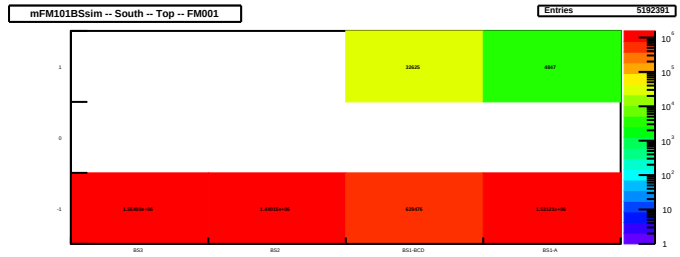
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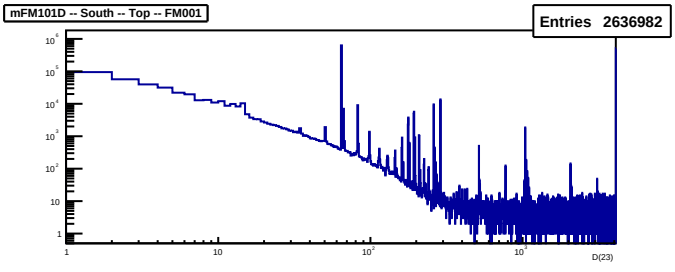
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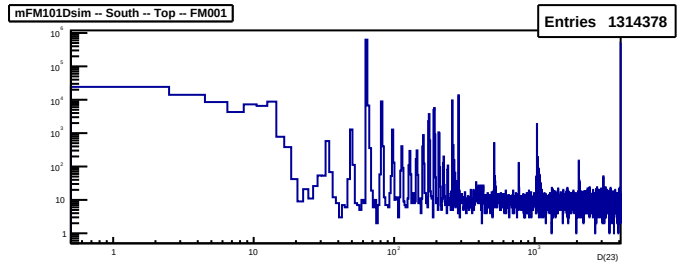
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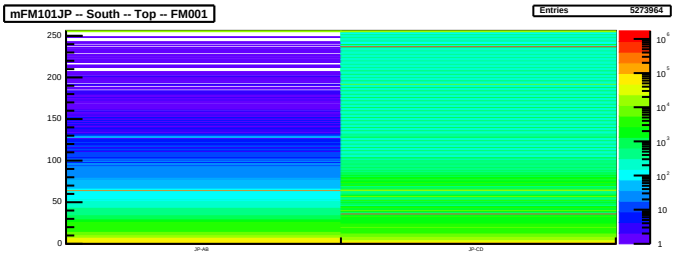
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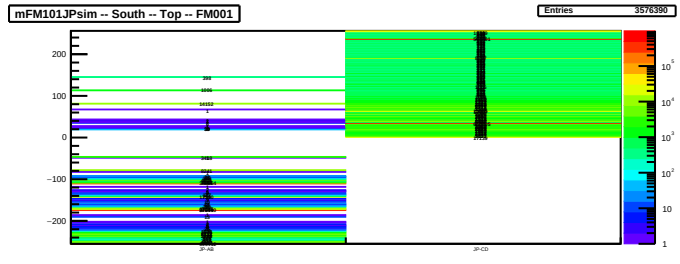
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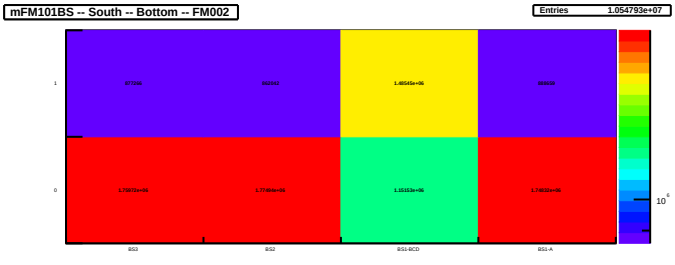
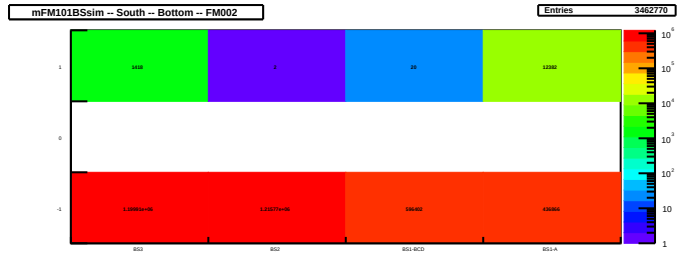

mFM101BS -- South -- Bottom -- FM002
Entries 1.054793e+07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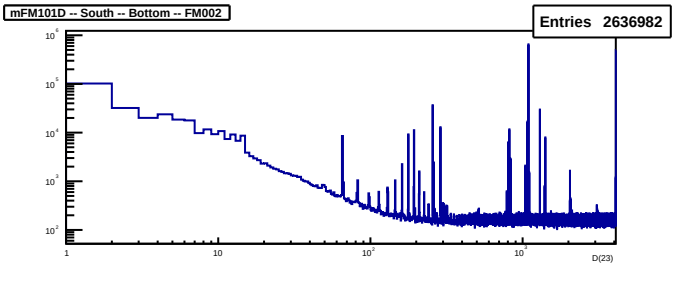
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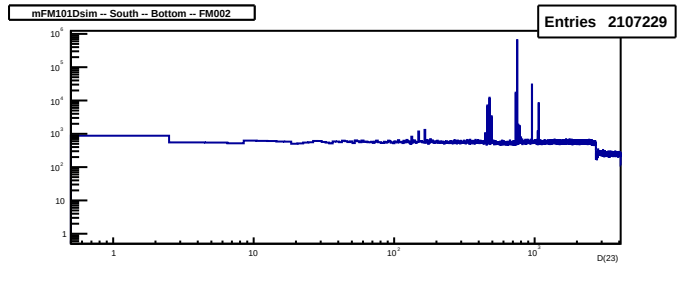
Entries 2636982
D(23)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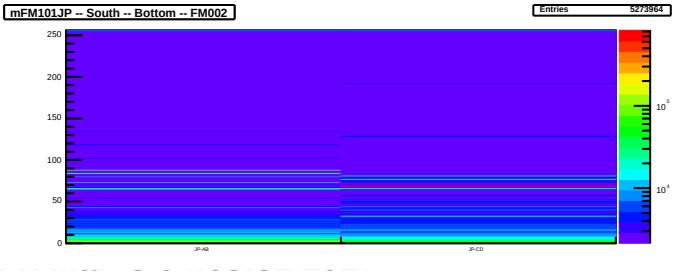
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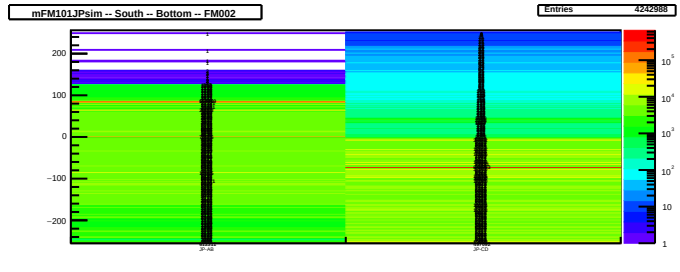
Entries 5273964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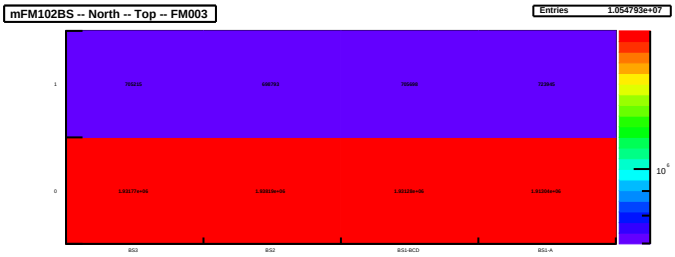
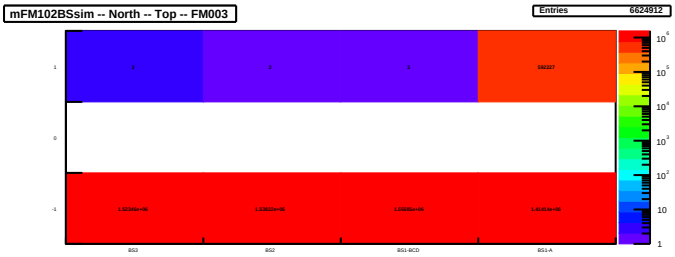

mFM102BS -- North -- Top -- FM003
Entries 1.054793e+07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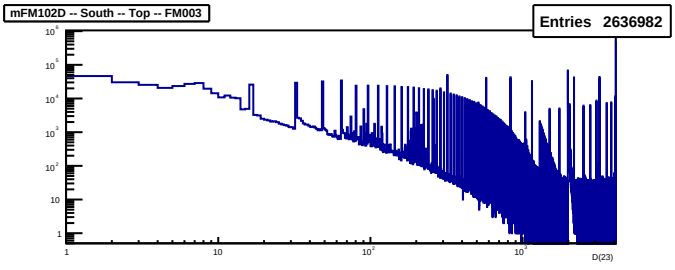
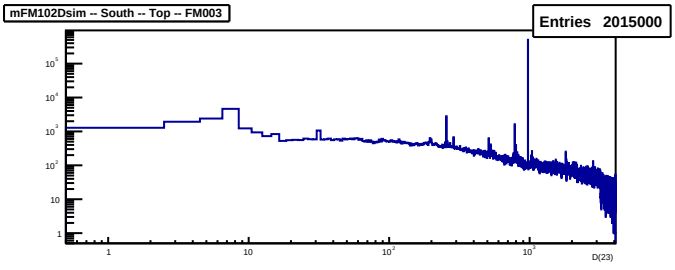

mFM102D -- South -- Top -- FM003
Entries 2636982
D(23)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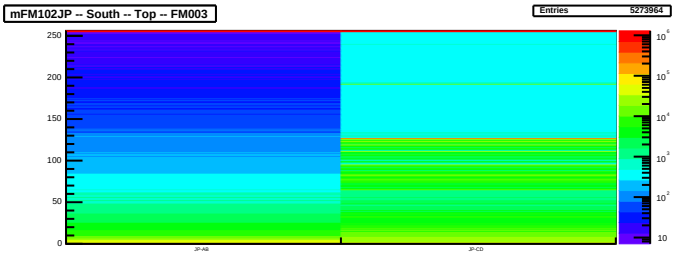
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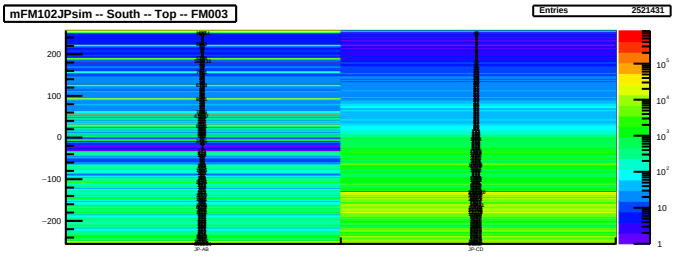
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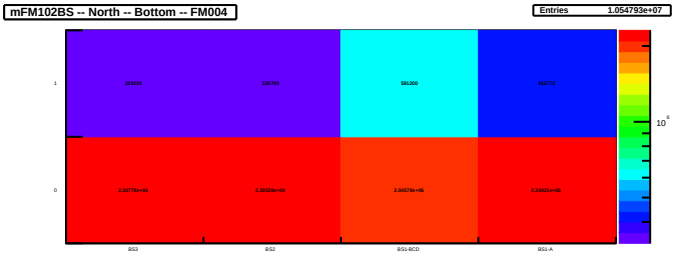
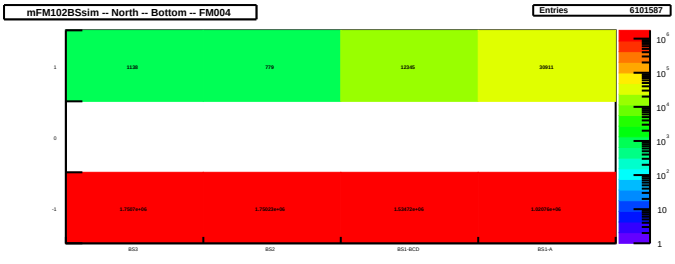

mFM102BS -- North -- Bottom -- FM004
Entries 1.054793e+07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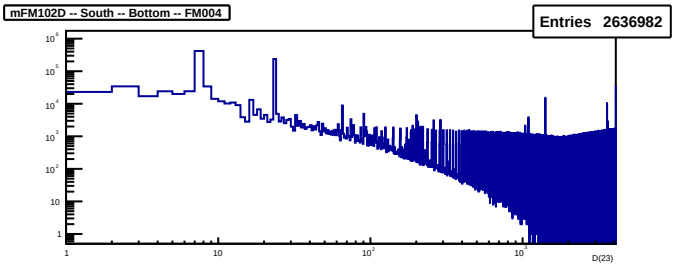
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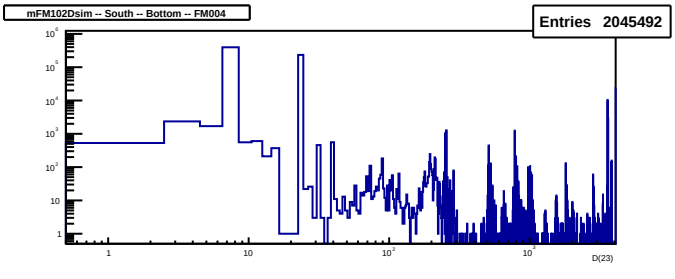
Entries 2636982
D(23)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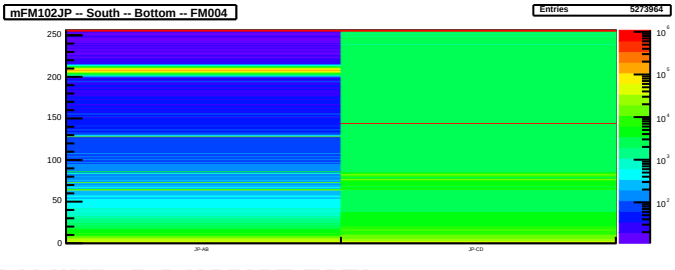
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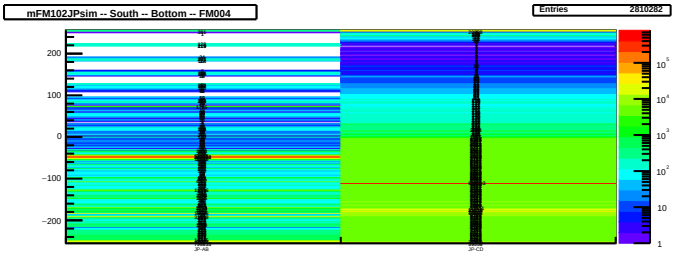
Entries 5273964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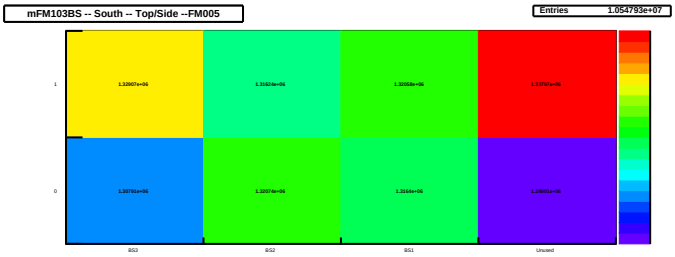
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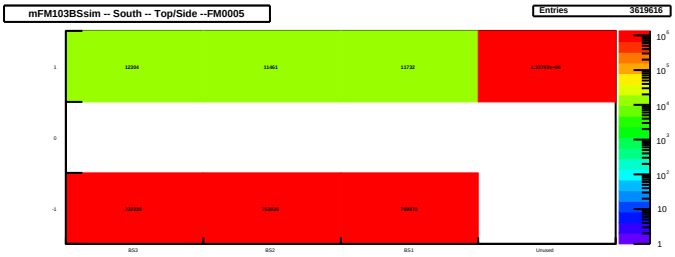
Entries 1.054793e+07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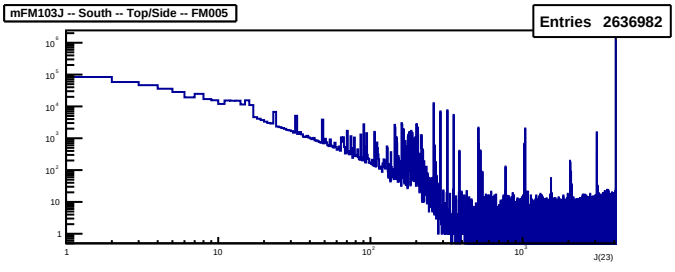
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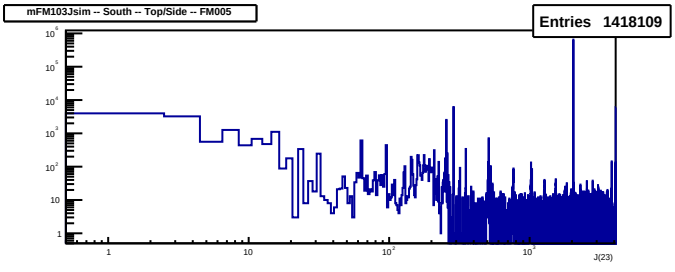
Entries 2636982
J(23)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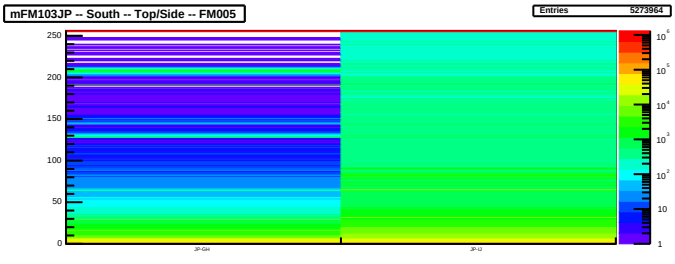
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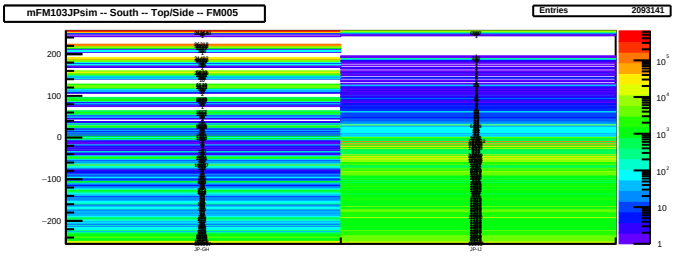
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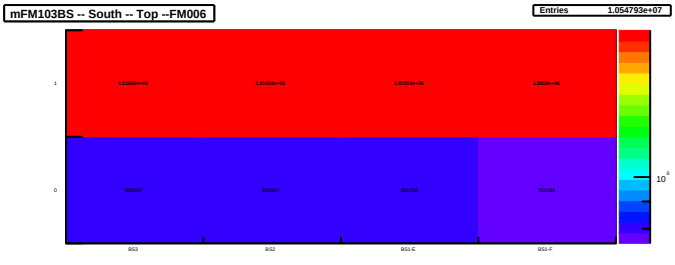
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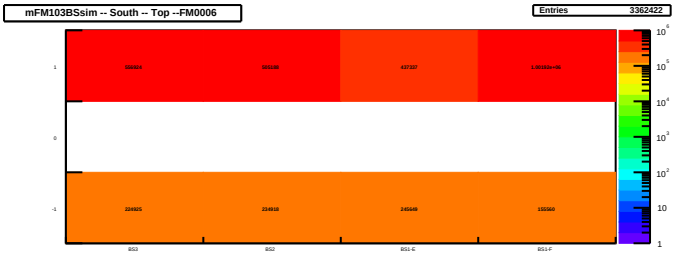
Entries 1.054793e+07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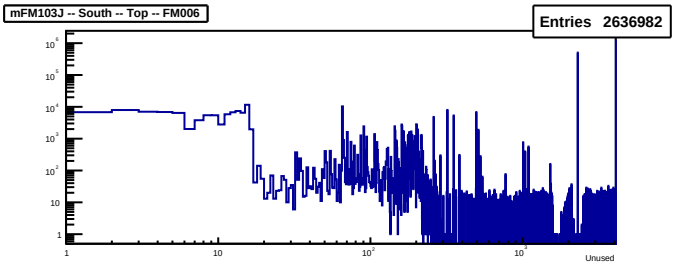
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Entries 2636982
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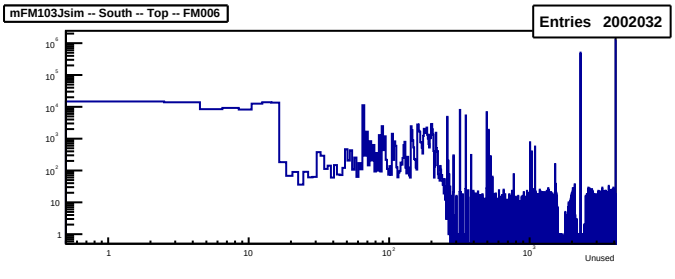
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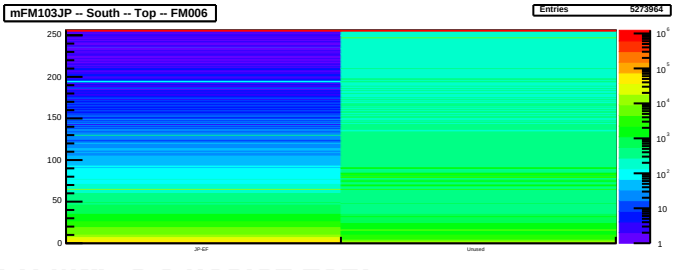
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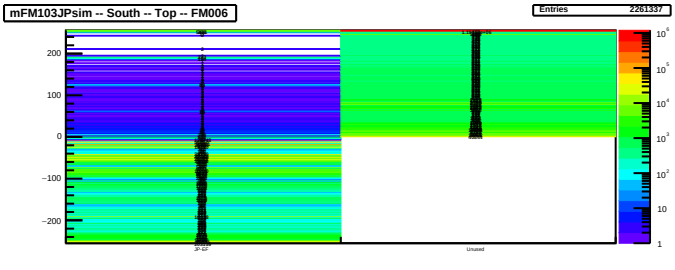
Entries 5273964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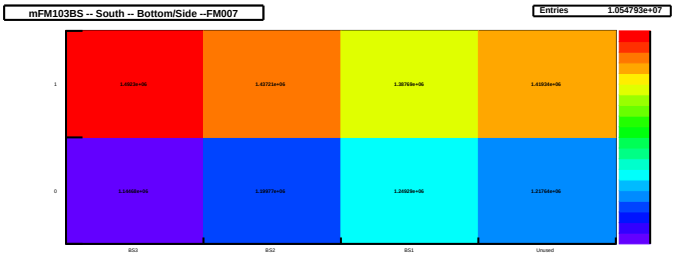
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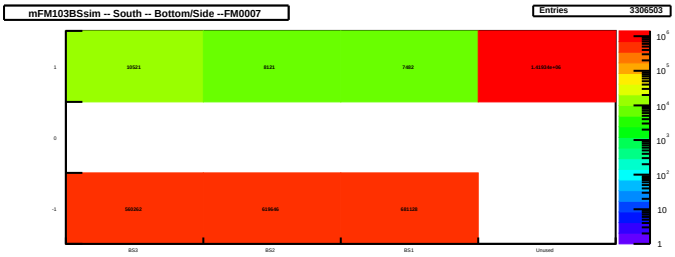
Entries 1.054793e+07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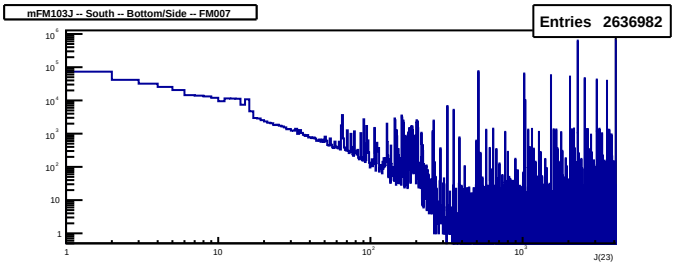
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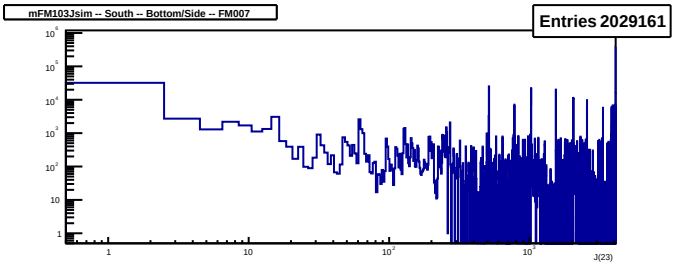
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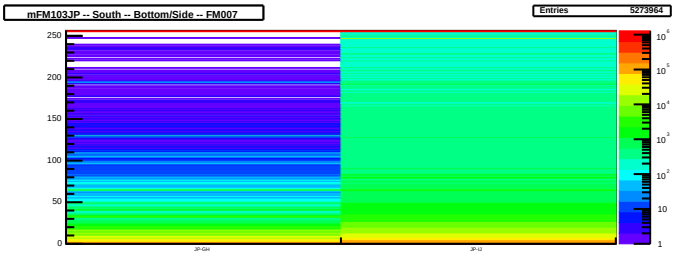
J(23)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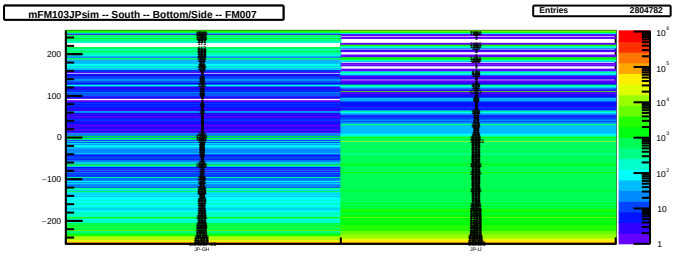
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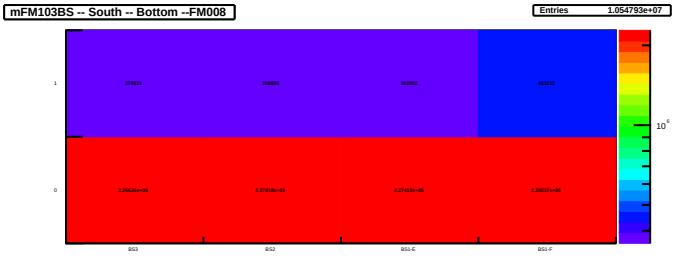
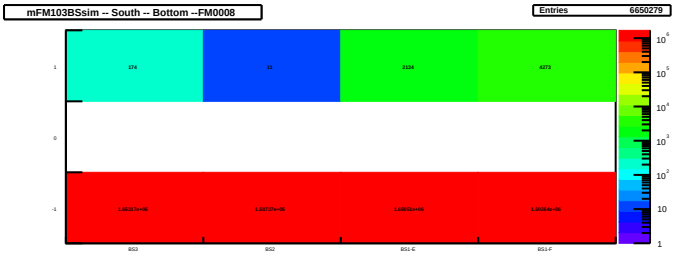

mFM103BS -- South -- Bottom --FM008
Entries 1.054793e+07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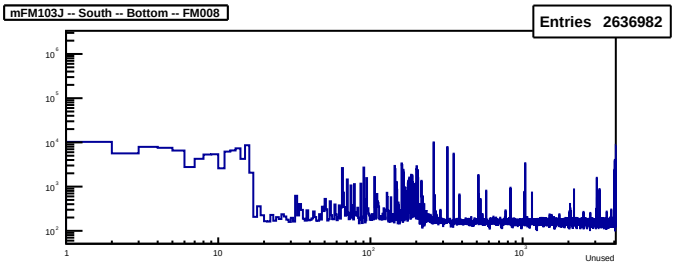
mFM103J -- South -- Bottom -- FM008
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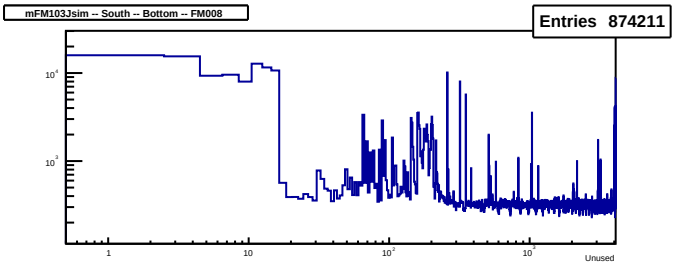
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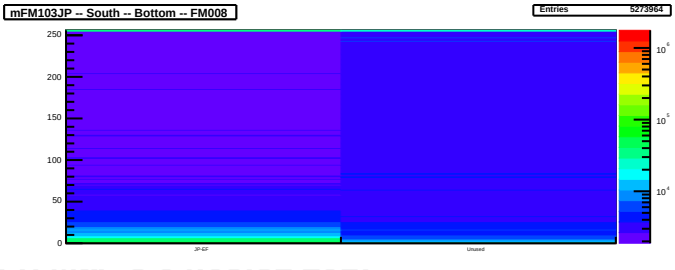
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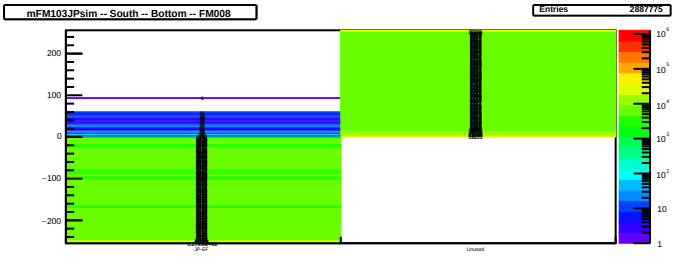
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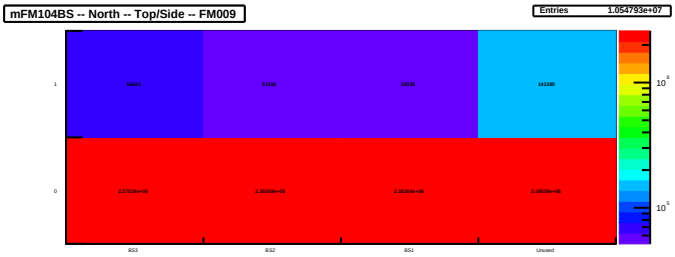
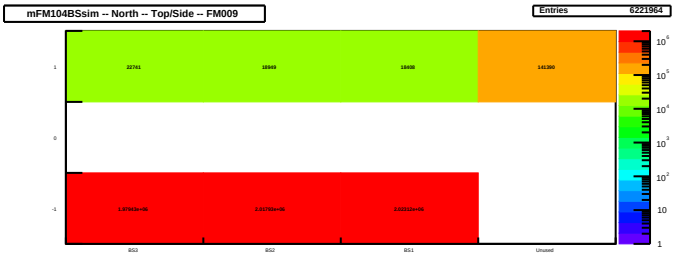
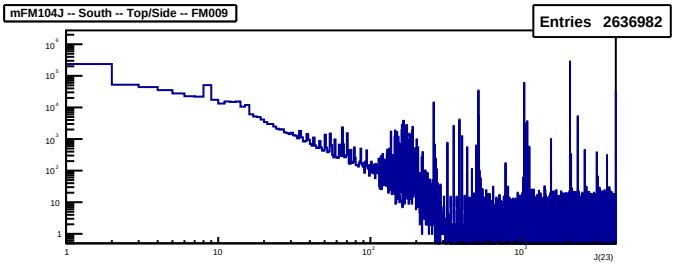
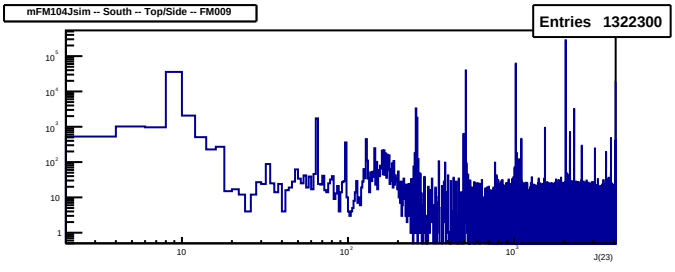

mFM104BS -- North -- Top/Side -- FM009
Entries 1.054793e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 6221964


mFM104J -- South -- Top/Side -- FM009
Entries 2636982
J(23)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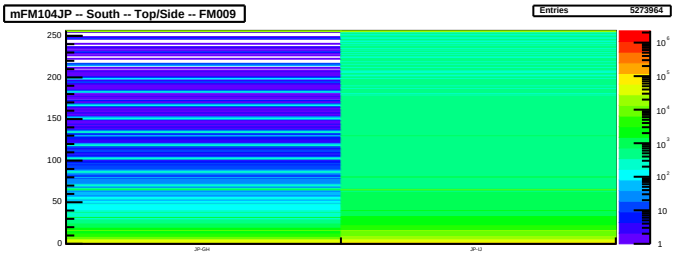
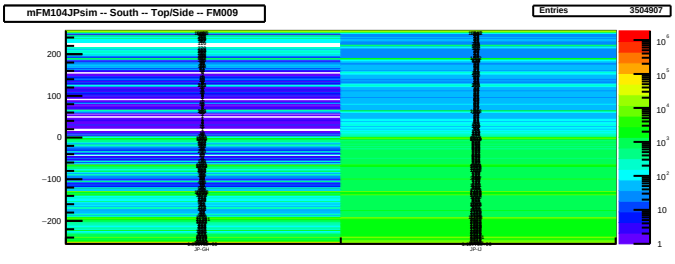
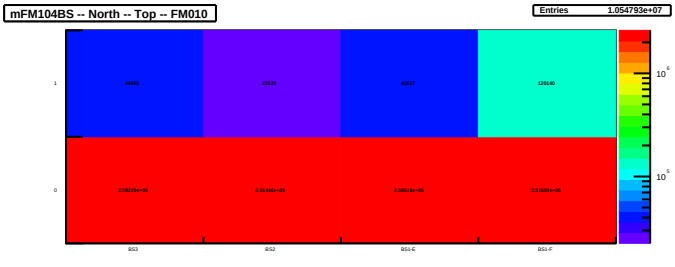
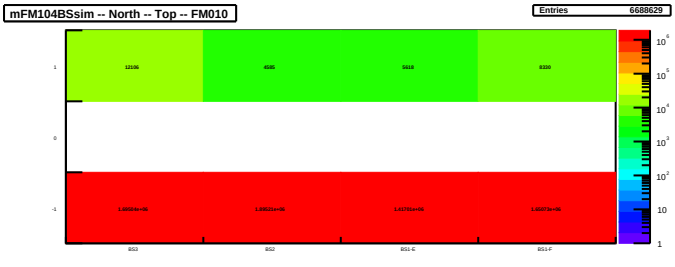
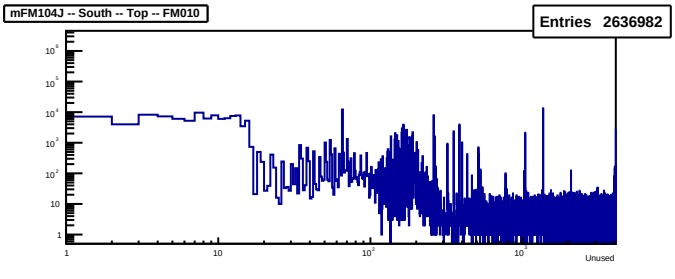
Entries 1322300
J(23)

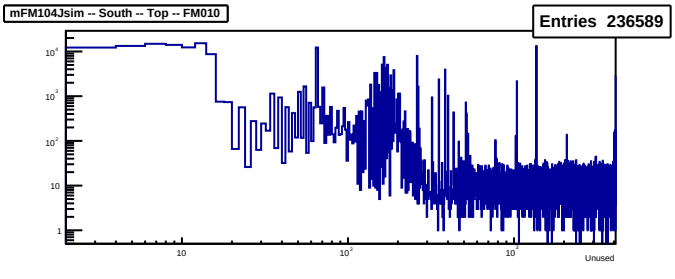

mFM104JP -- South -- Top/Side -- FM009
Entries 5273964

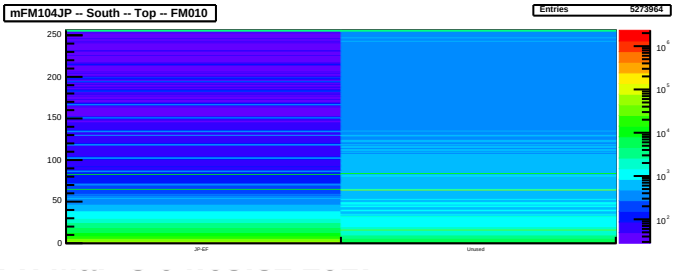

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3504907

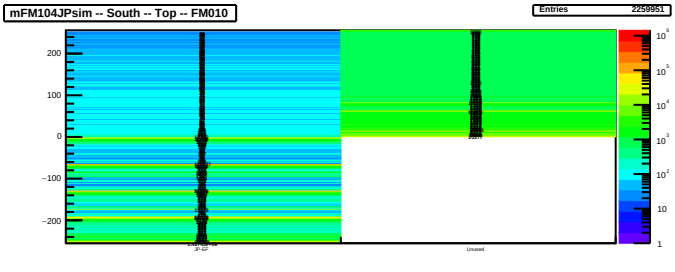

mFM104BS -- North -- Top -- FM010
Entries 1.054793e+07

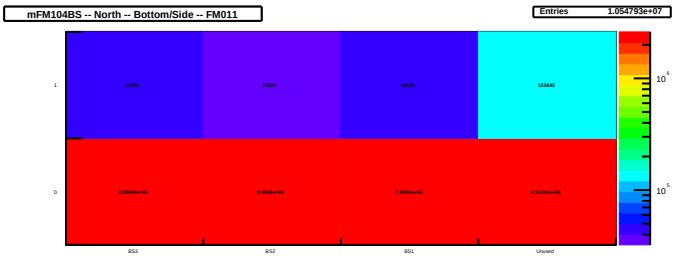

mFM104BSsim -- North -- Top -- FM010
Entries 6688629

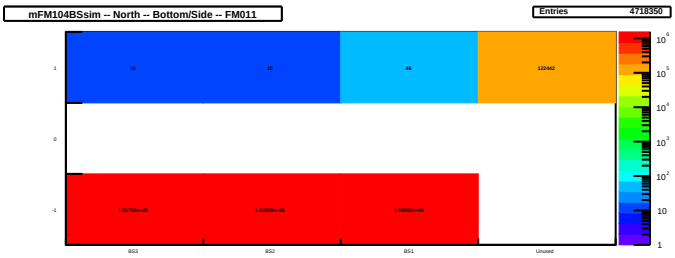

mFM104J -- South -- Top -- FM010
Entries 2636982
Unused

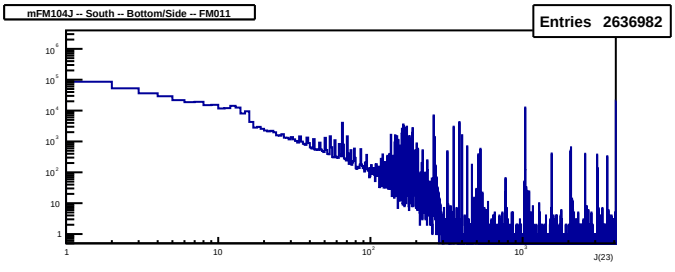

mFM104Jsim -- South -- Top -- FM010
Entries 236589
Unused

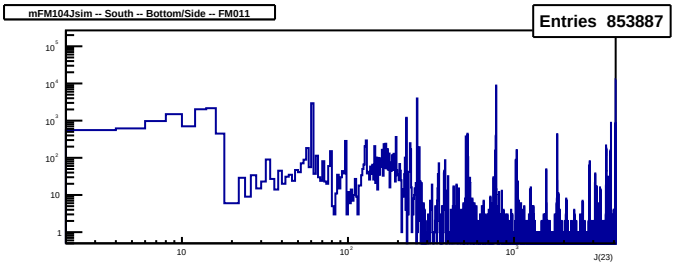

mFM104JP -- South -- Top -- FM010
Entries 5273964

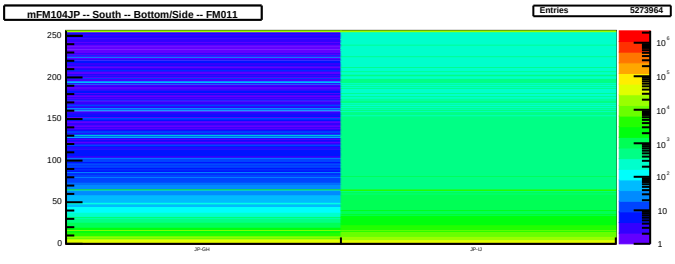

mFM104JPsim -- South -- Top -- FM010
Entries 2259951

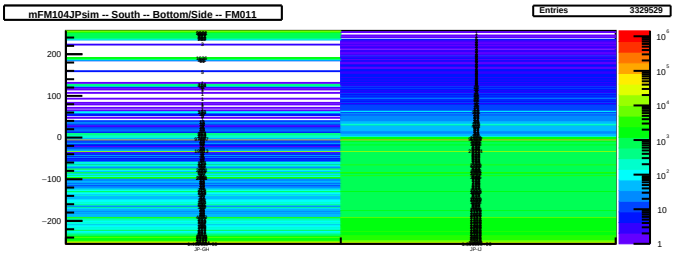

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.054793e+07

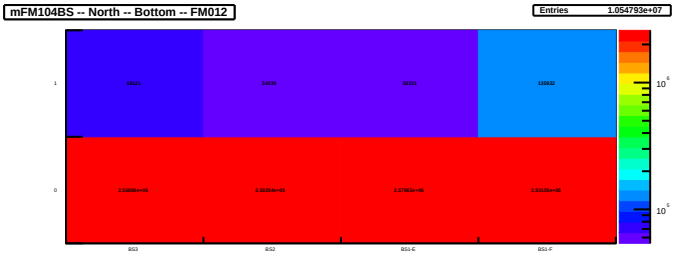

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4718350

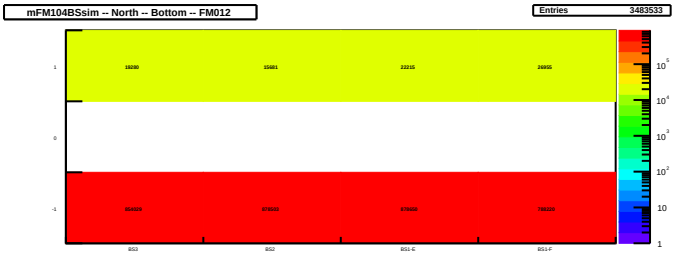

mFM104J -- South -- Bottom/Side -- FM011
Entries 2636982
J(23)

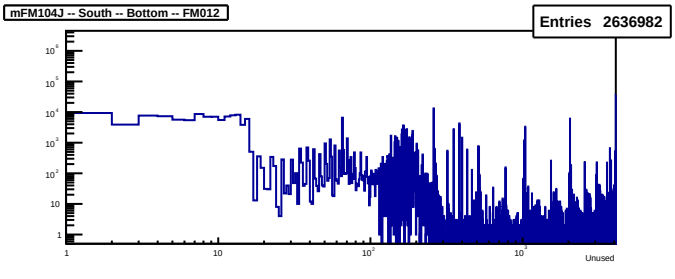

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 853887
J(23)

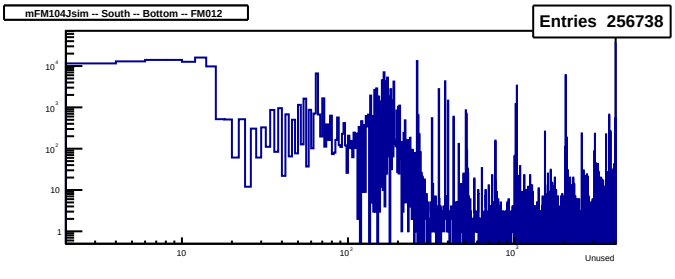

mFM104JP -- South -- Bottom/Side -- FM011
Entries 5273964

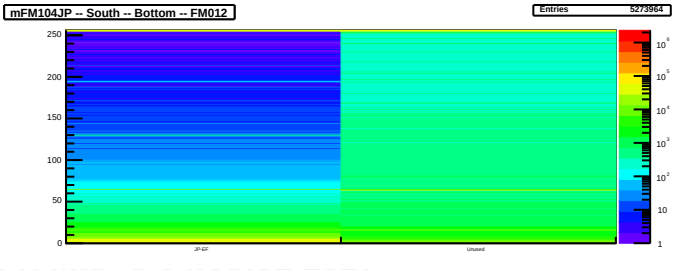

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3329529

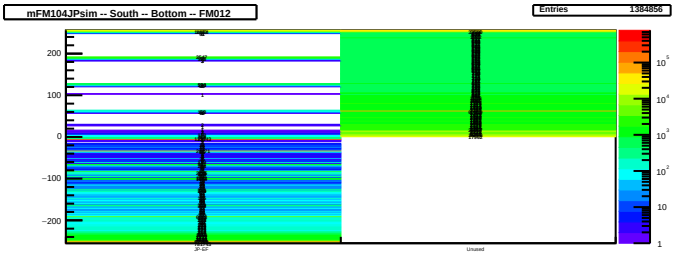

mFM104BS -- North -- Bottom -- FM012
Entries 1.054793e+07

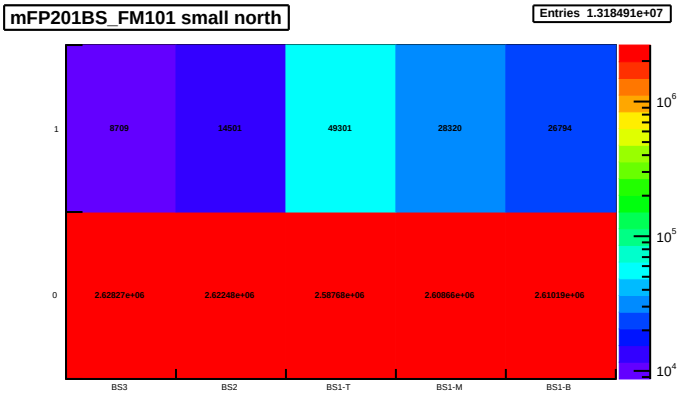

mFM104BSsim -- North -- Bottom -- FM012
Entries 3483533

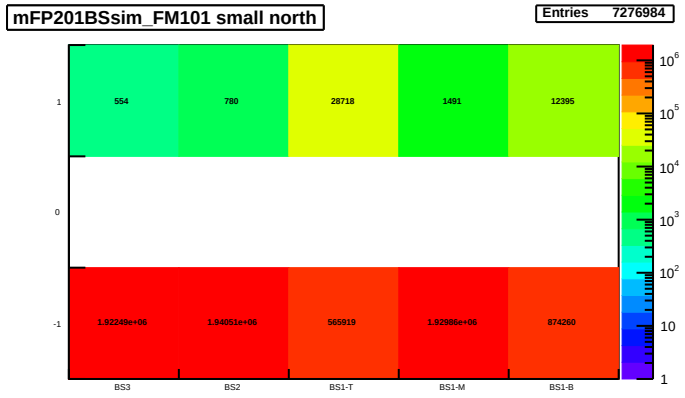

mFM104J -- South -- Bottom -- FM012
Entries 2636982
Unused

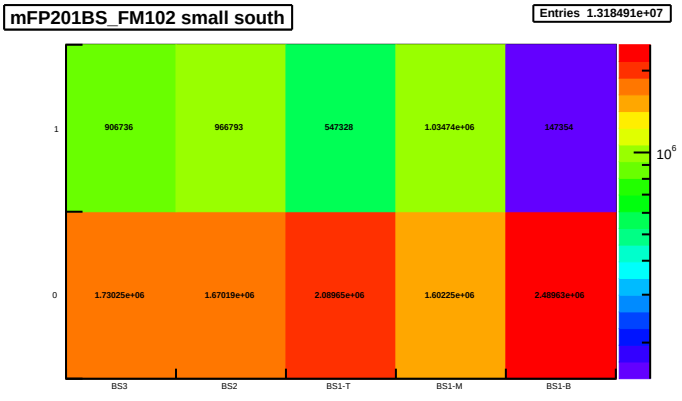

mFM104Jsim -- South -- Bottom -- FM012
Entries 256738
Unused

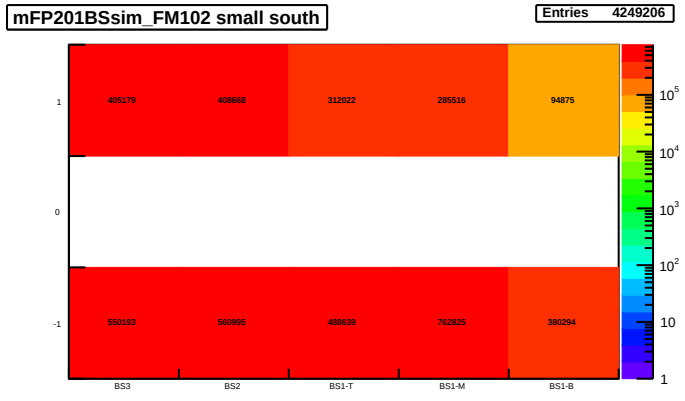

mFM104JP -- South -- Bottom -- FM012
Entries 5273964

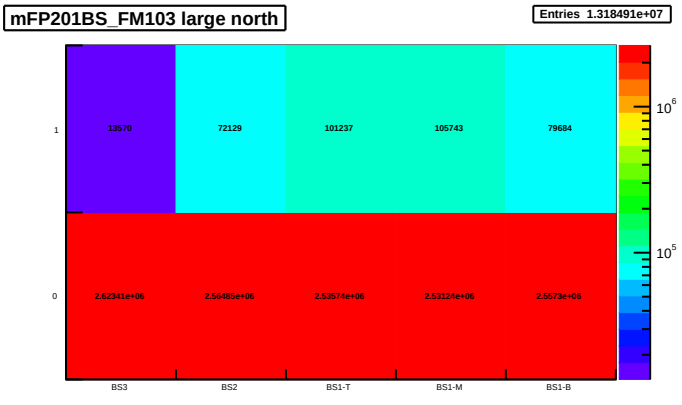

mFM104JPsim -- South -- Bottom -- FM012
Entries 1384856

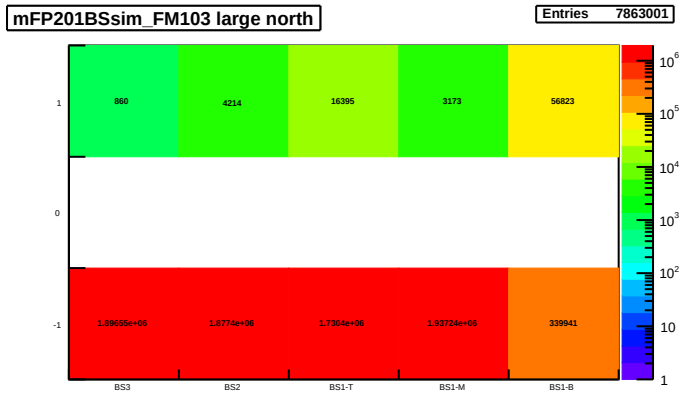

mFP201BS_FM101 small north
Entries 1.318491e+07
8709
14501
49301
28320
26794
2.62827e+06
2.62248e+06
2.58768e+06
2.60866e+06
2.61019e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

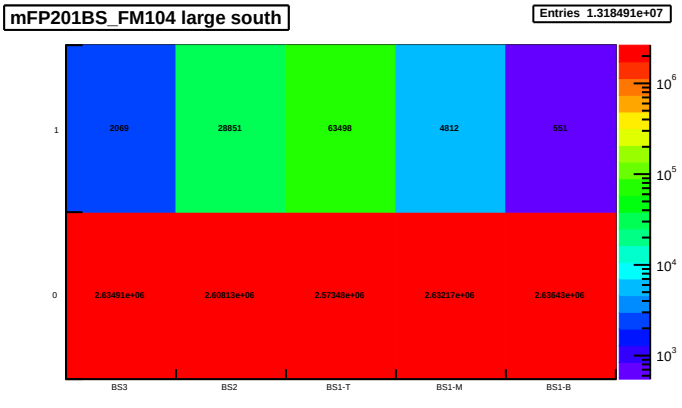

mFP201BSsim_FM101 small north
Entries 7276984
554
780
28718
1491
12395
1.92249e+06
1.94051e+06
565919
1.92986e+06
874260
BS3
BS2
BS1-T
BS1-M
BS1-B

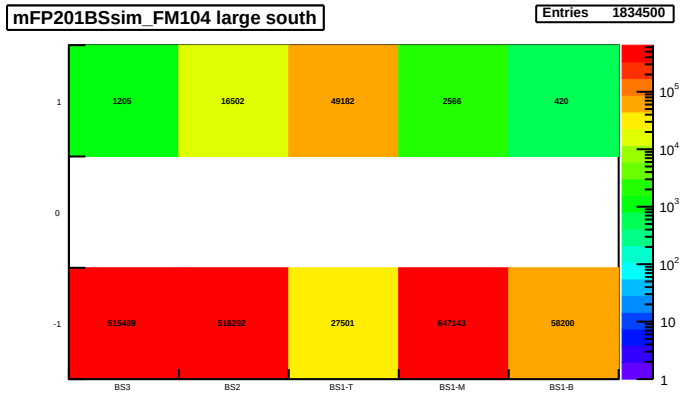

mFP201BS_FM102 small south
Entries 1.318491e+07
906736
966793
547328
1.03474e+06
147354
1.73025e+06
1.67019e+06
2.08965e+06
1.60225e+06
2.48963e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

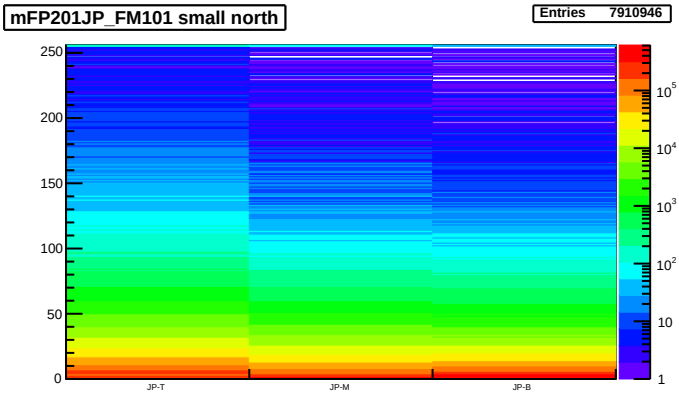

mFP201BSsim_FM102 small south
Entries 4249206
405179
408668
312022
285516
94875
550193
560995
488639
762825
380294
BS3
BS2
BS1-T
BS1-M
BS1-B

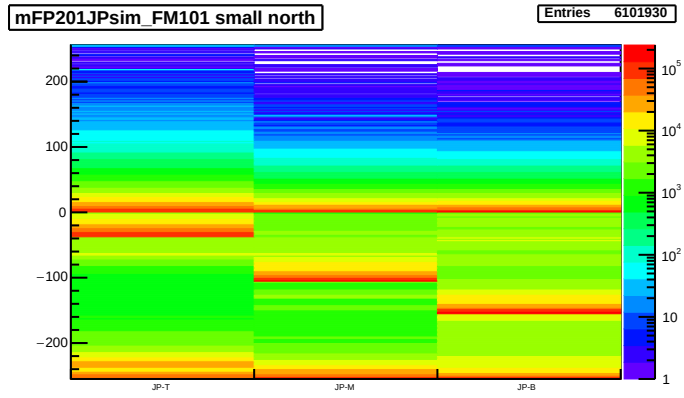

mFP201BS_FM103 large north
Entries 1.318491e+07
13570
72129
101237
105743
79684
2.62341e+06
2.56485e+06
2.53574e+06
2.53124e+06
2.5573e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

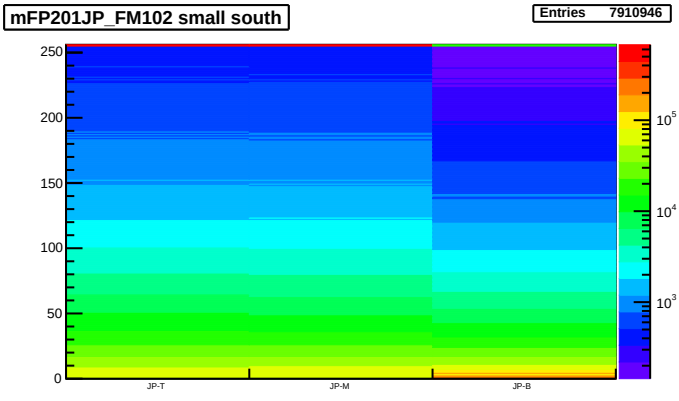

mFP201BSsim_FM103 large north
Entries 7863001
860
4214
16395
3173
56823
1.89655e+06
1.8774e+06
1.7304e+06
1.93724e+06
339941
BS3
BS2
BS1-T
BS1-M
BS1-B

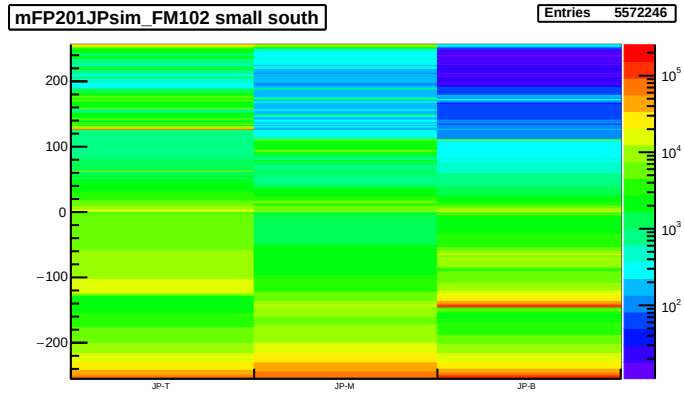

mFP201BS_FM104 large south
Entries 1.318491e+07
2069
28851
63498
4812
551
2.63491e+06
2.60813e+06
2.57348e+06
2.63217e+06
2.63643e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

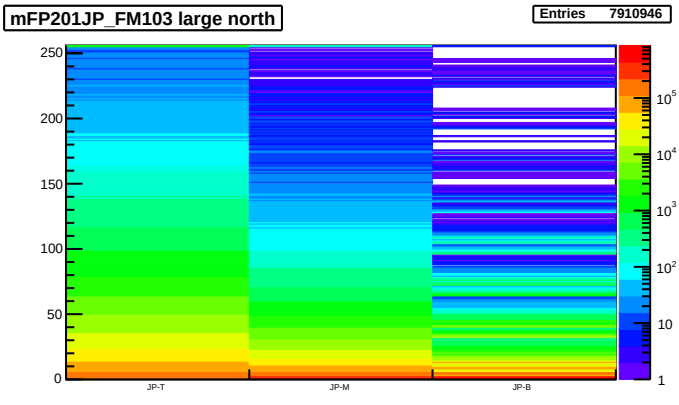

mFP201BSsim_FM104 large south
Entries 1834500
1205
16502
49182
2566
420
515489
516292
27501
647143
58200
BS3
BS2
BS1-T
BS1-M
BS1-B

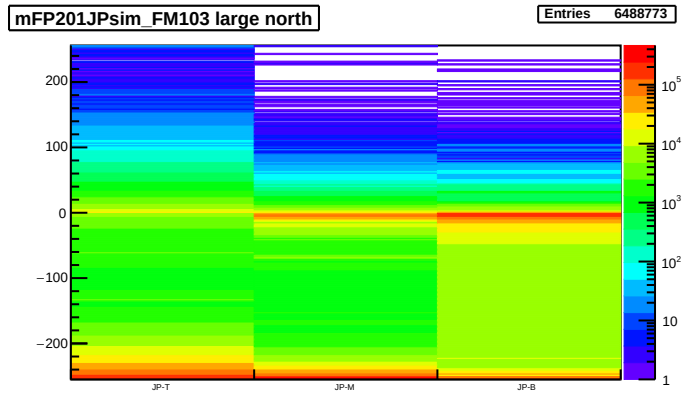

mFP201JP_FM101 small north
Entries 7910946
JP-T
JP-M
JP-B

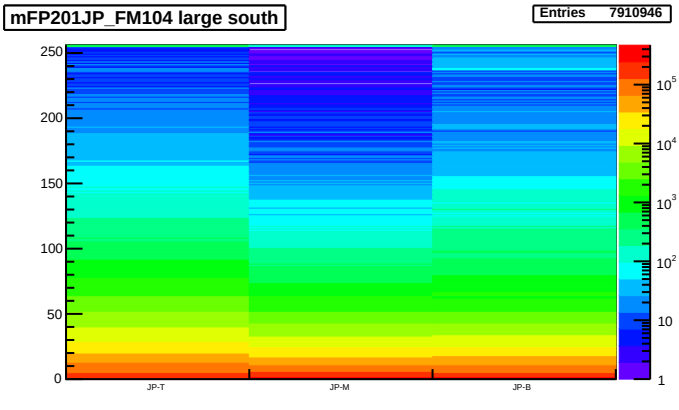

mFP201JPsim_FM101 small north
Entries 6101930
JP-T
JP-M
JP-B

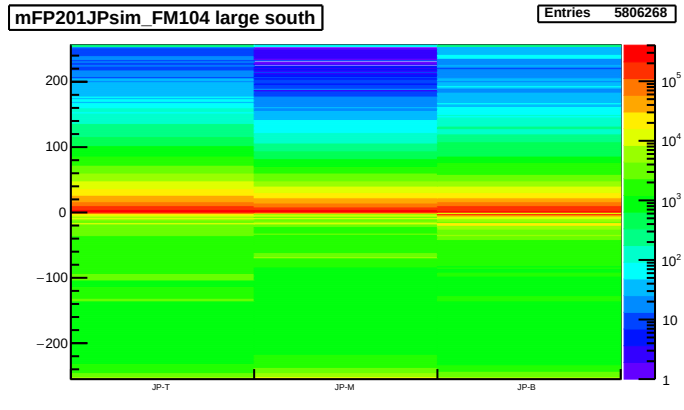

mFP201JP_FM102 small south
Entries 7910946
JP-T
JP-M
JP-B

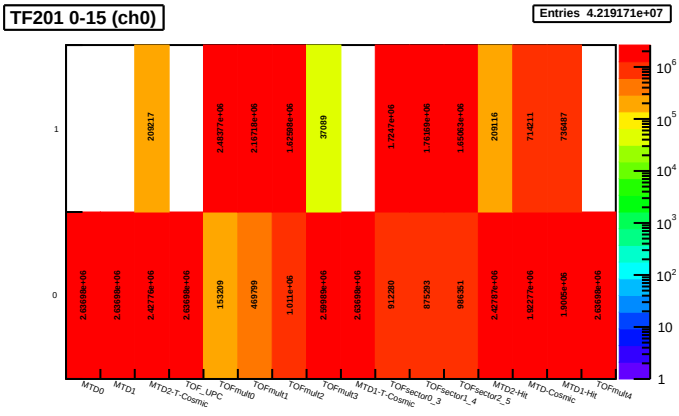

mFP201JPsim_FM102 small south
Entries 5572246
JP-T
JP-M
JP-B

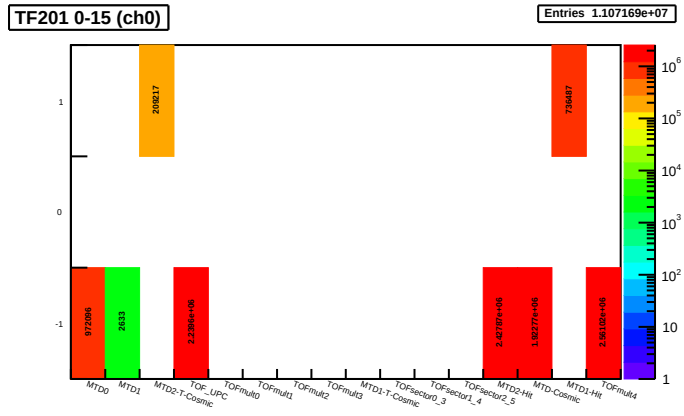

mFP201JP_FM103 large north
Entries 7910946
JP-T
JP-M
JP-B

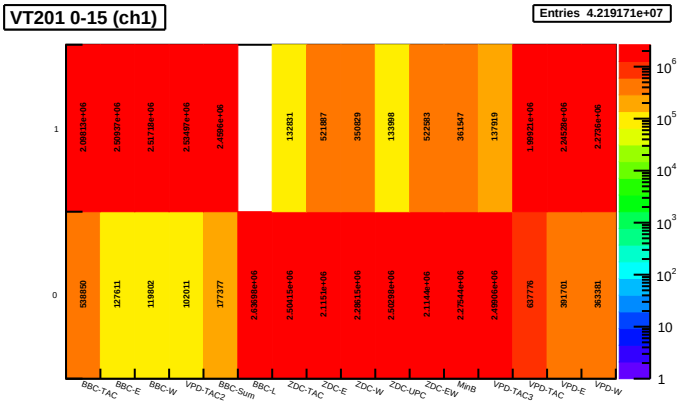

mFP201JPsim_FM103 large north
Entries 6488773
JP-T
JP-M
JP-B

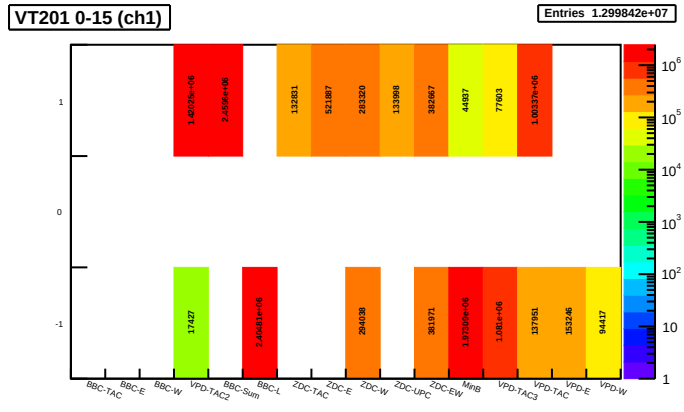

mFP201JP_FM104 large south
Entries 7910946
JP-T
JP-M
JP-B

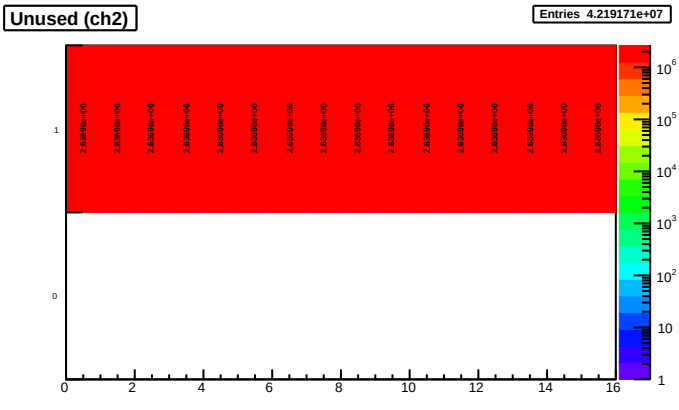

mFP201JPsim_FM104 large south
Entries 5806268
JP-T
JP-M
JP-B

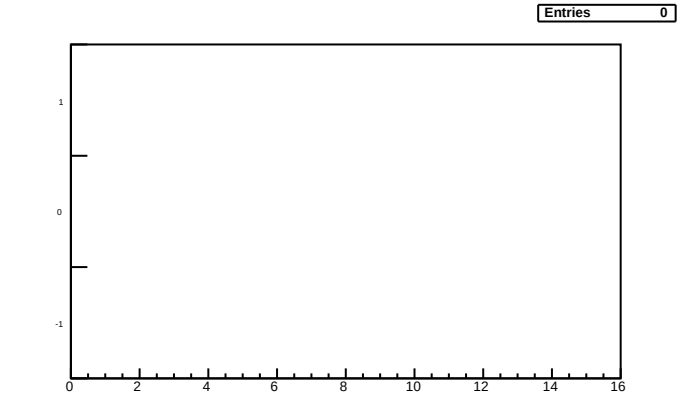

TF201 0-15 (ch0)
Entries 4.219171e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

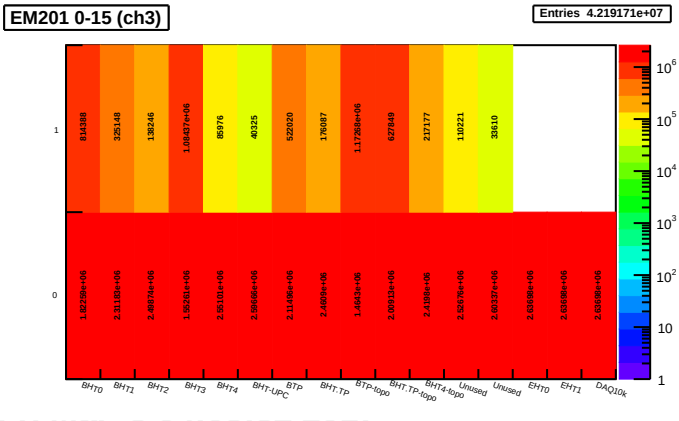

TF201 0-15 (ch0)
Entries 1.107169e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

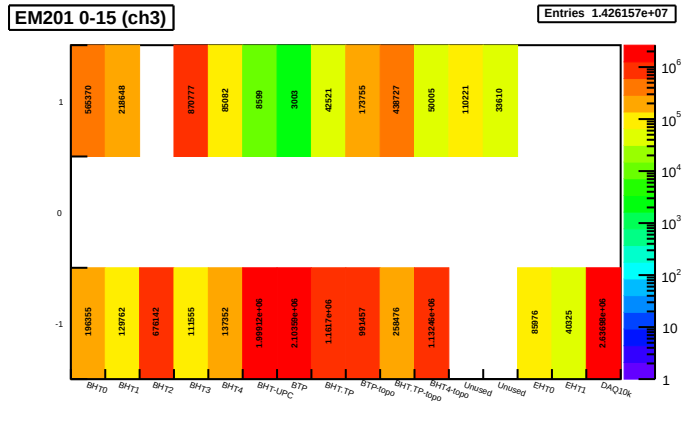

VT201 0-15 (ch1)
Entries 4.219171e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

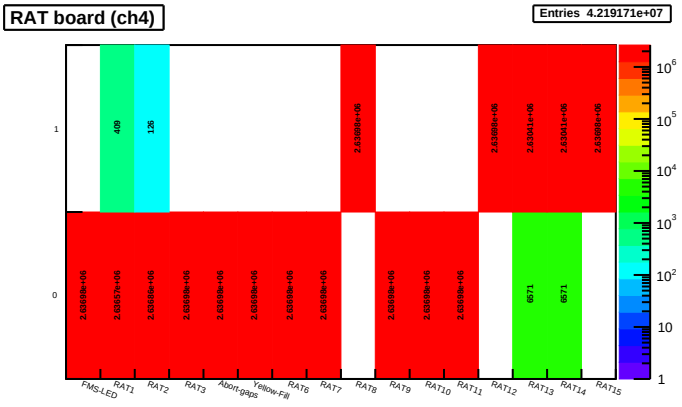

VT201 0-15 (ch1)
Entries 1.299842e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W


Unused (ch2)
Entries 4.219171e+07


Entries 0


EM201 0-15 (ch3)
Entries 4.219171e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k


EM201 0-15 (ch3)
Entries 1.426157e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k


RAT board (ch4)
Entries 4.219171e+07
409
126
2.63698e+06
2.63698e+06
2.63657e+06
2.63658e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
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2.63698e+06
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2.63698e+06
2.63698e+06
2.63698e+06
6571
6571
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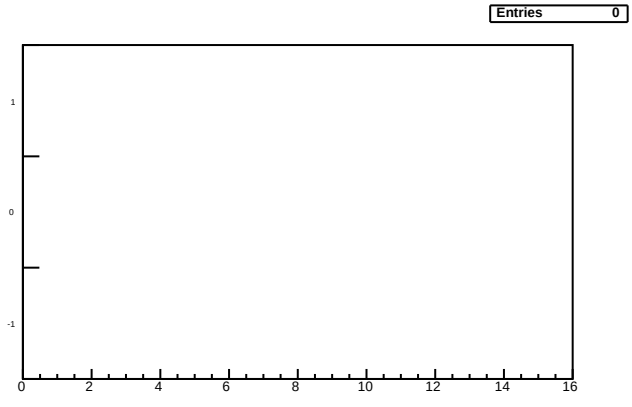
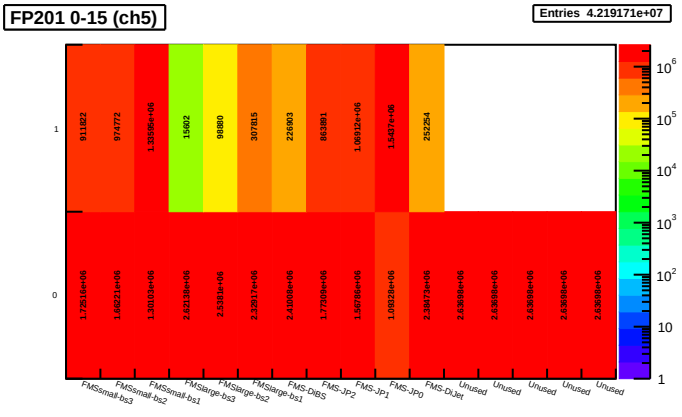
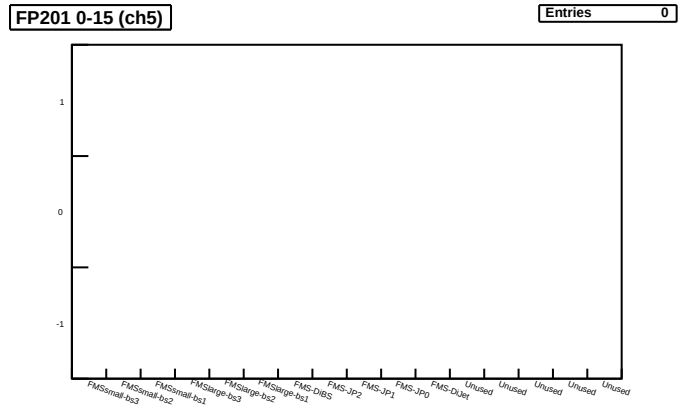
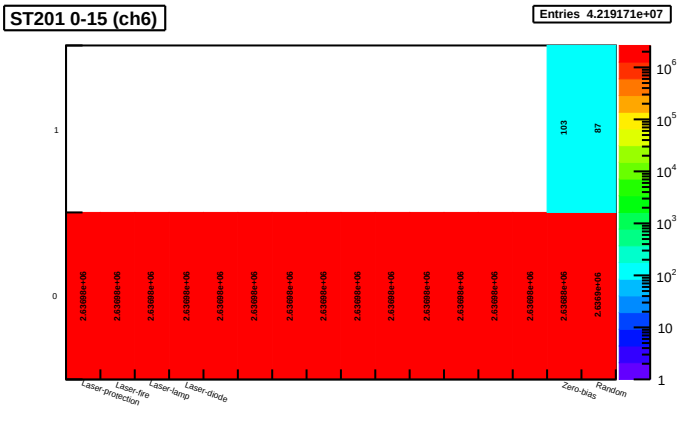
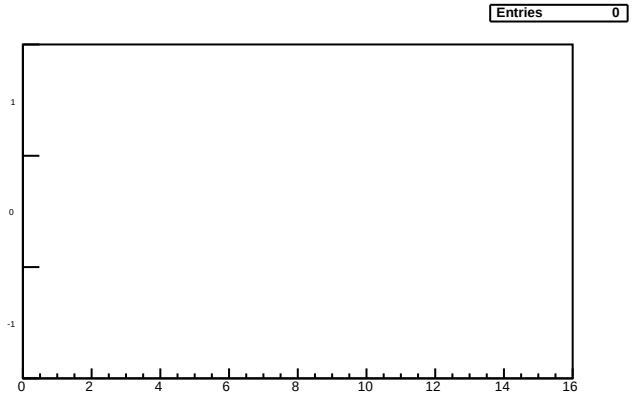
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

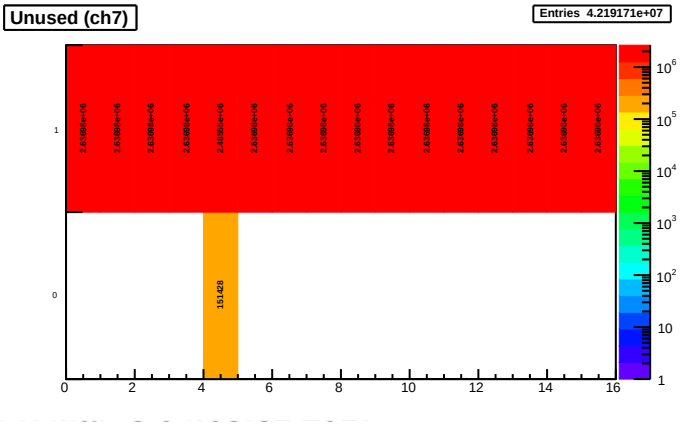

Entries 0


FP201 0-15 (ch5)
Entries 4.219171e+07
911822
974772
1.23035e+06
15602
98880
307815
225903
863891
1.06912e+06
1.54374e+06
252254
1.72516e+06
1.66221e+06
1.30103e+06
2.62138e+06
2.53316e+06
2.32917e+06
2.41008e+06
1.77309e+06
1.56766e+06
1.09228e+06
2.38473e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 4.219171e+07
103
87
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 4.219171e+07
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.48555e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
2.63698e+06
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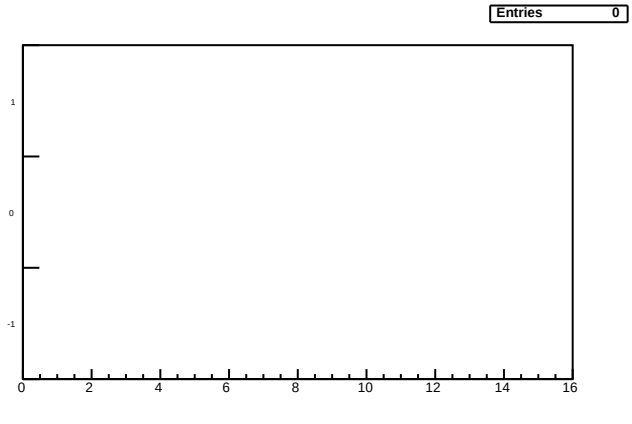
2.63698e+06
151428


Entries 0