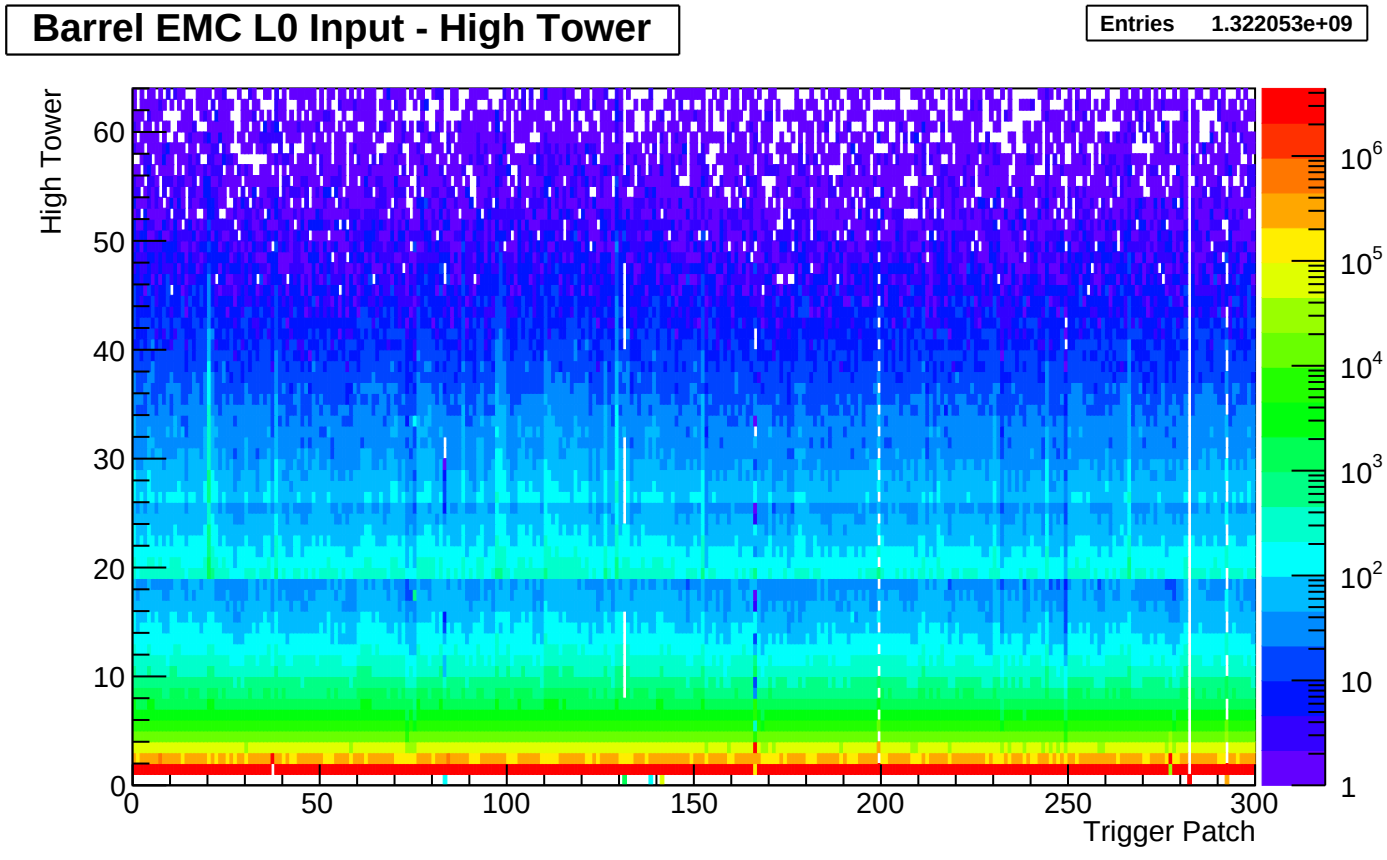
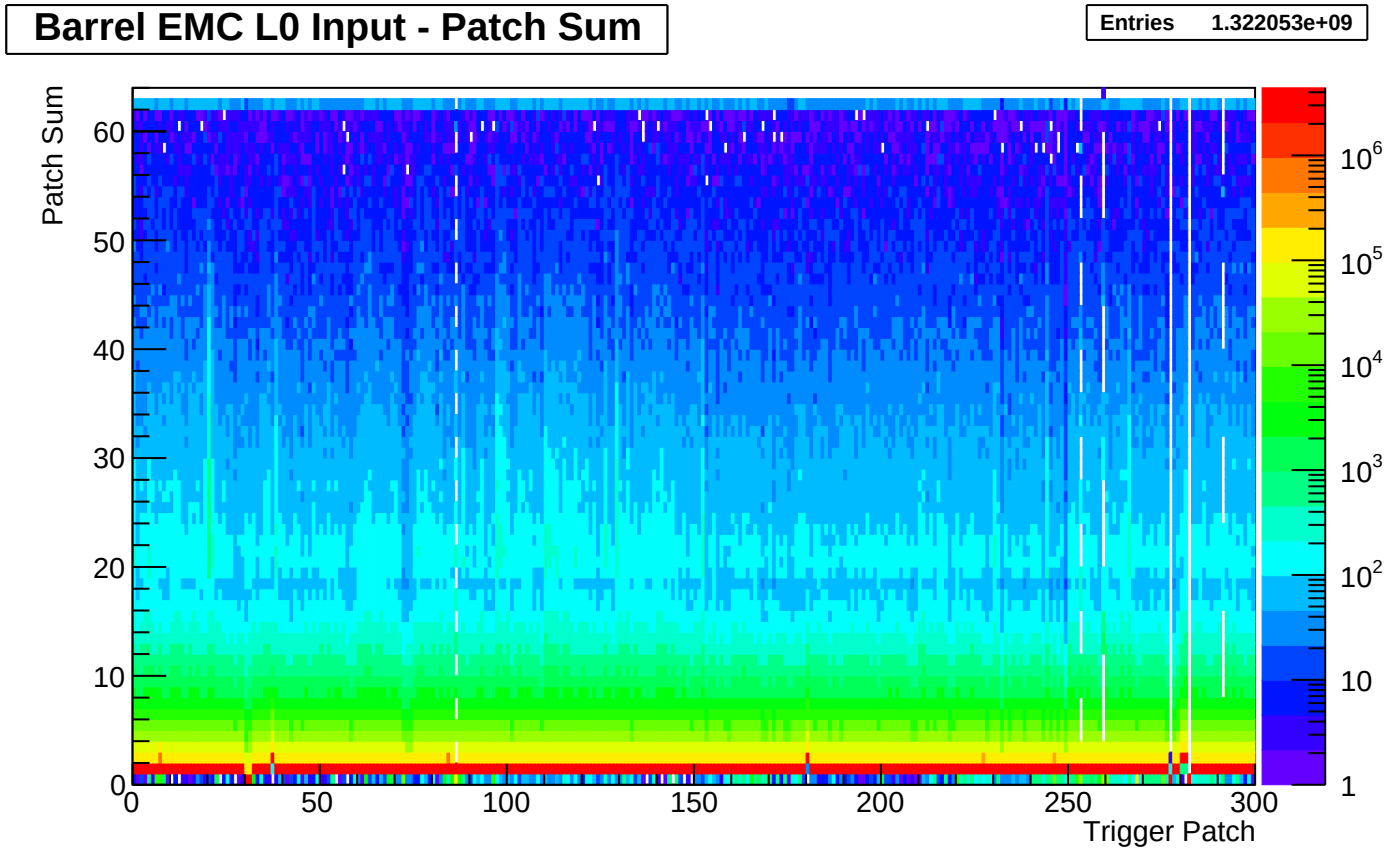
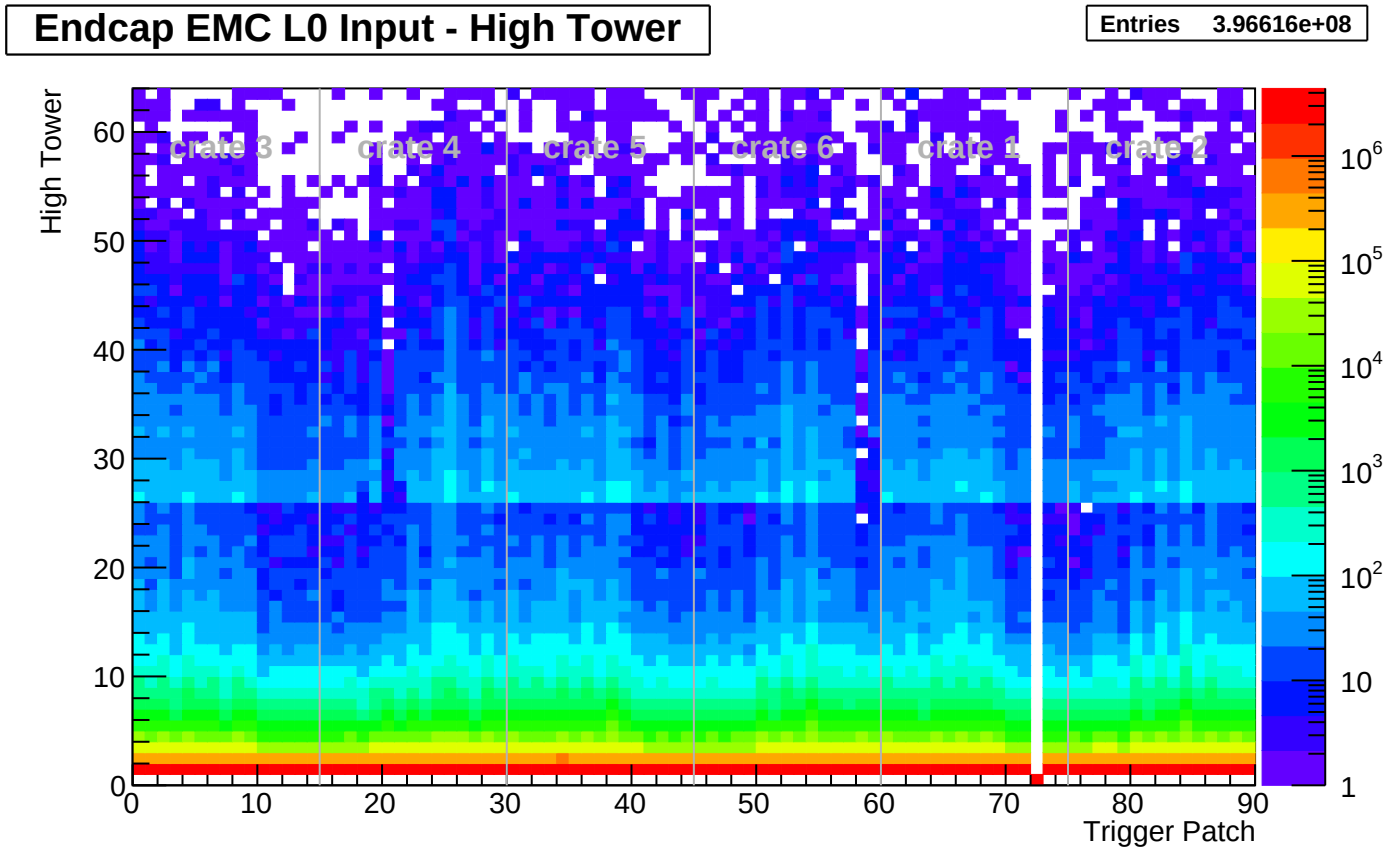
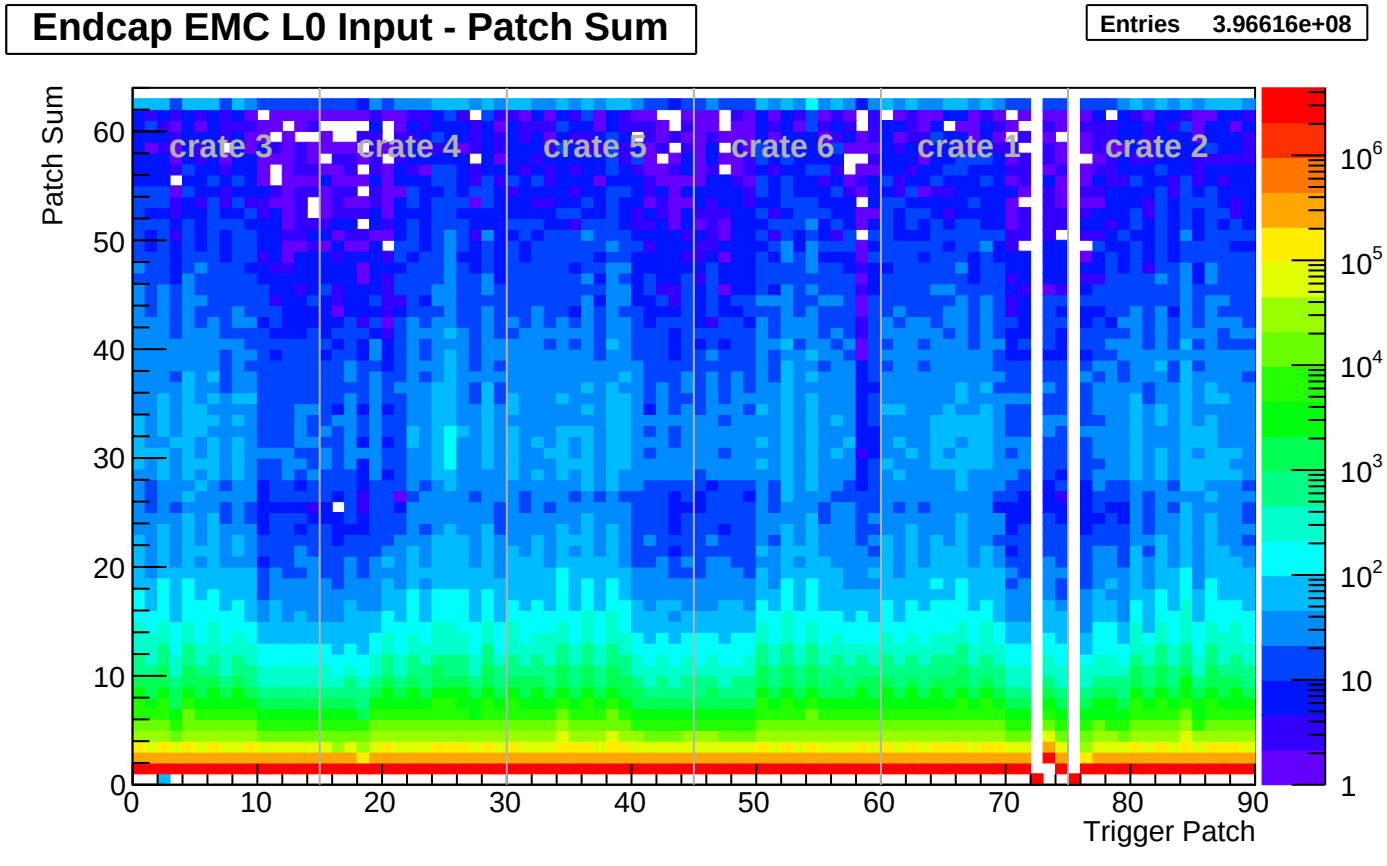
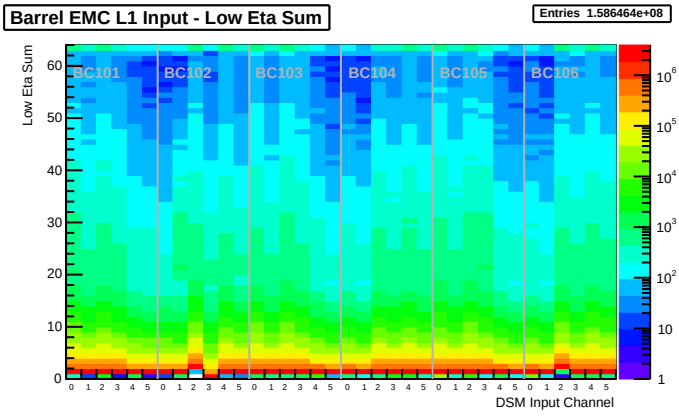
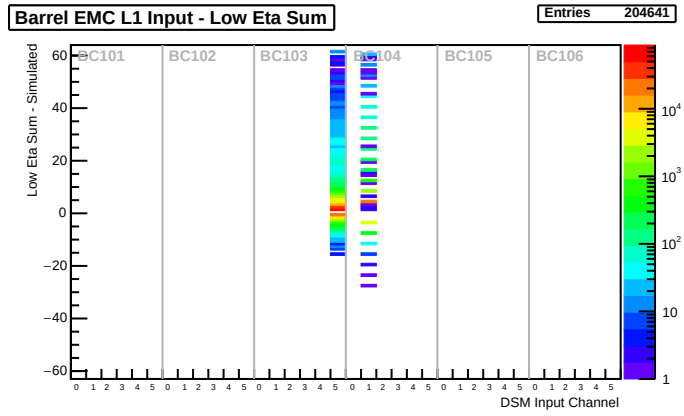

Barrel EMC L0 Input - High Tower
Entries 1.322053e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

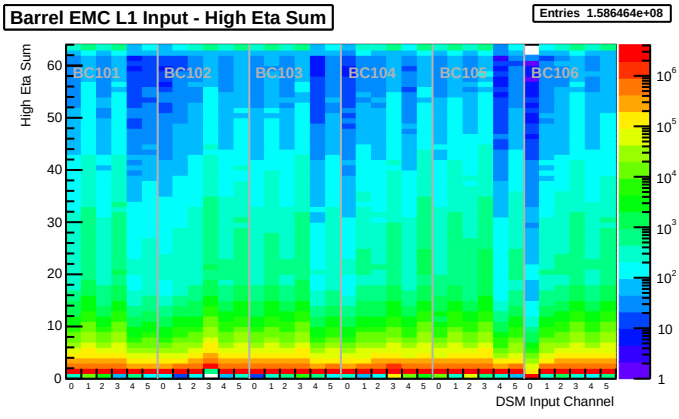

Barrel EMC L0 Input - Patch Sum
Entries 1.322053e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

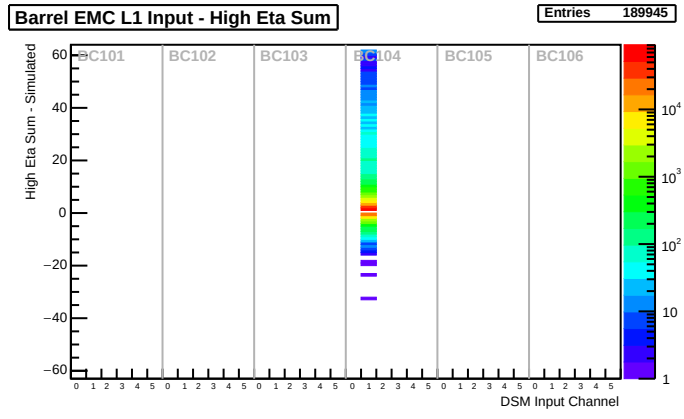

Endcap EMC L0 Input - High Tower
Entries 3.96616e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

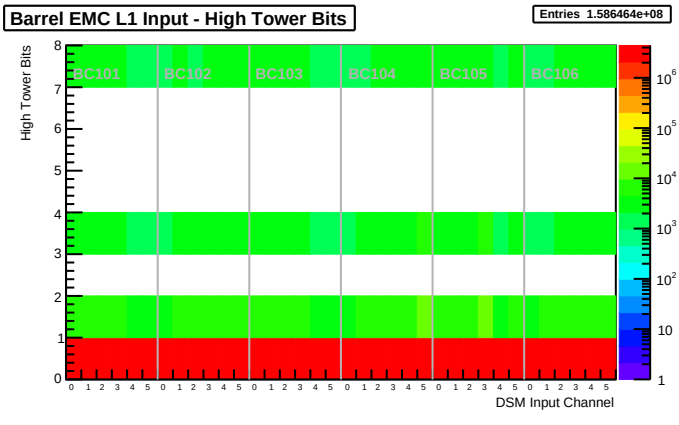

Endcap EMC L0 Input - Patch Sum
Entries 3.96616e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

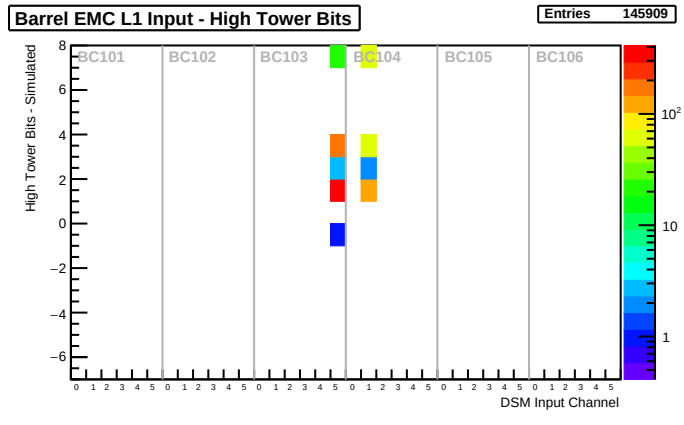

Barrel EMC L1 Input - Low Eta Sum
Entries 1.586464e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

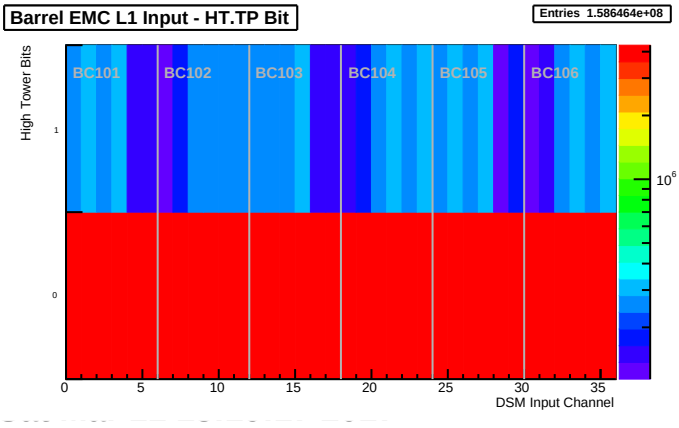

Barrel EMC L1 Input - Low Eta Sum
Entries 204641
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

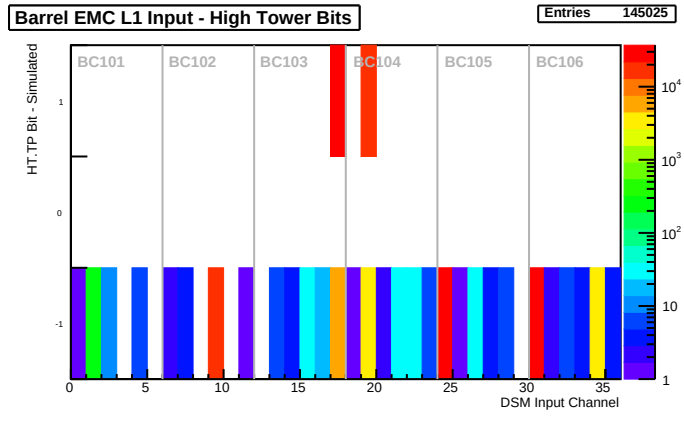

Barrel EMC L1 Input - High Eta Sum
Entries 1.586464e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

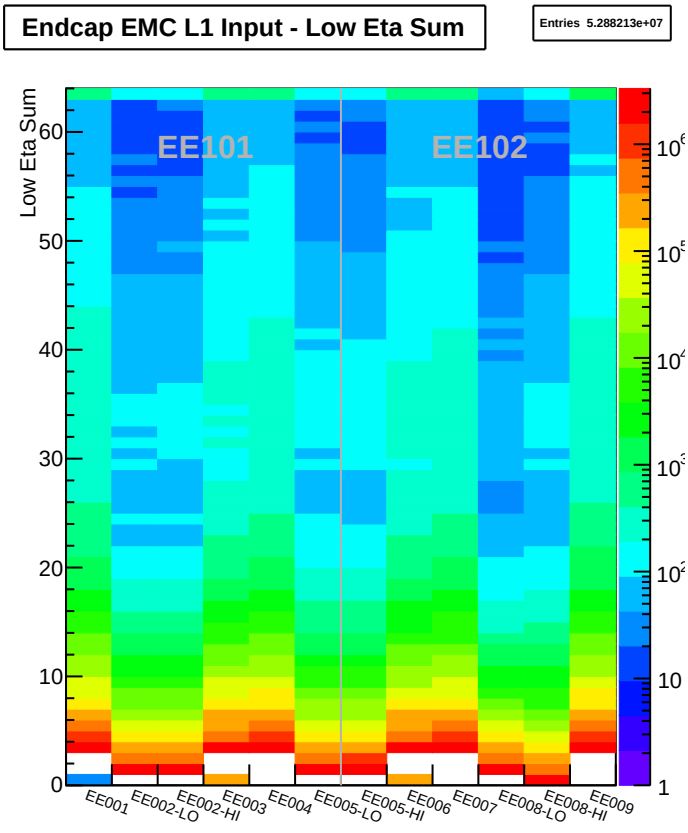

Barrel EMC L1 Input - High Eta Sum
Entries 189945
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

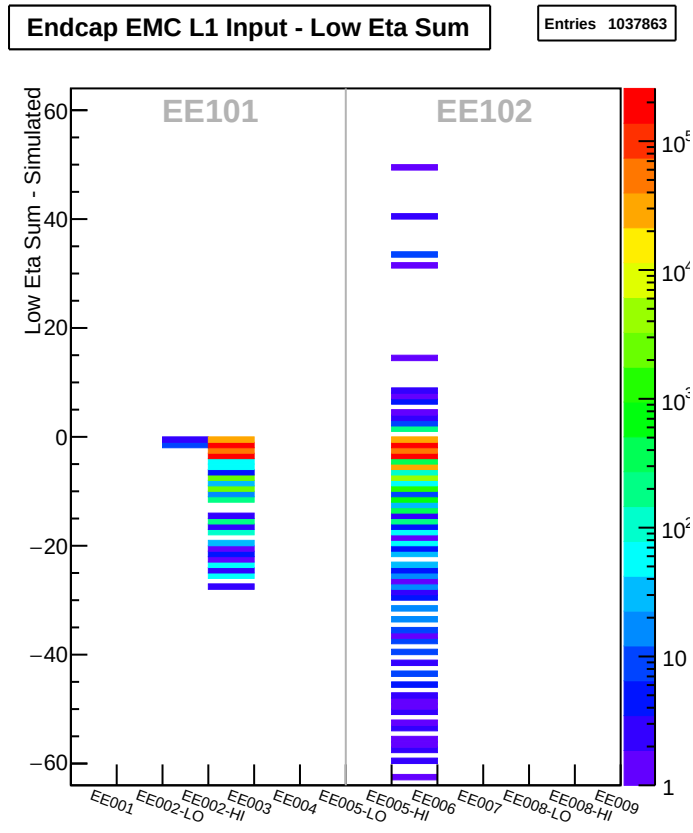

Barrel EMC L1 Input - High Tower Bits
Entries 1.586464e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

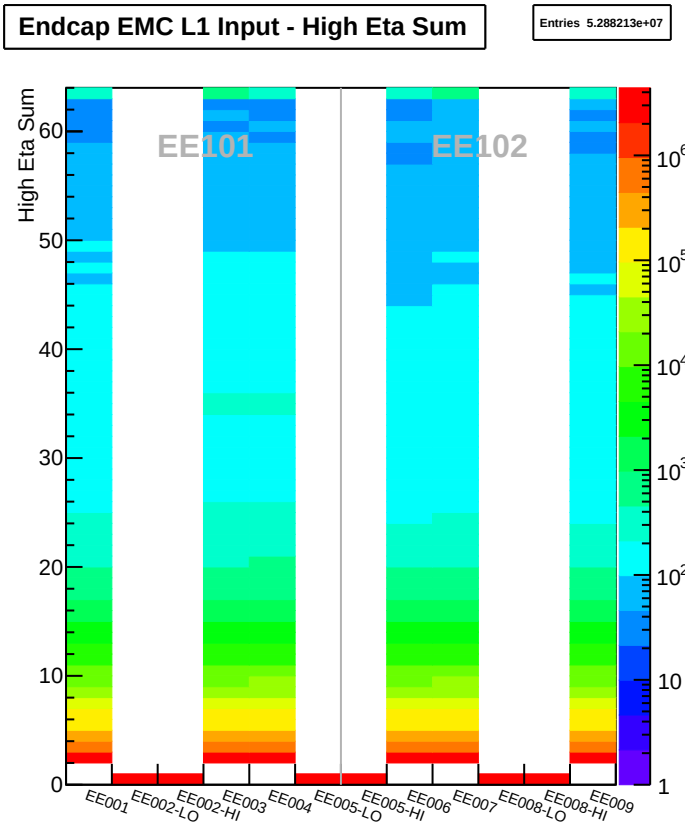

Barrel EMC L1 Input - High Tower Bits
Entries 145909
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

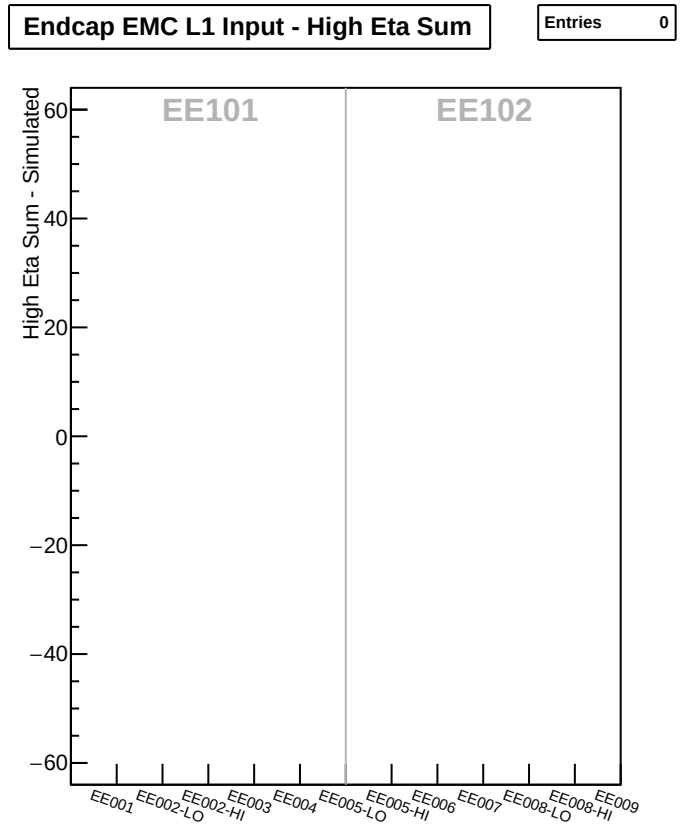

Barrel EMC L1 Input - HT.TP Bit
Entries 1.586464e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

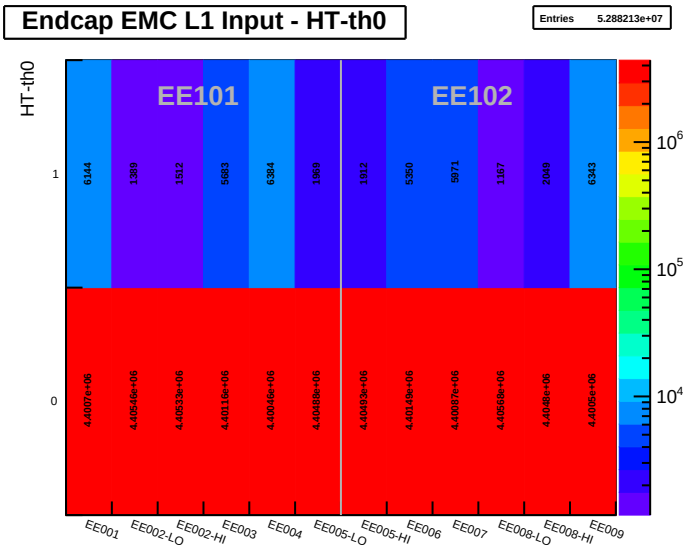

Barrel EMC L1 Input - High Tower Bits
Entries 145025
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

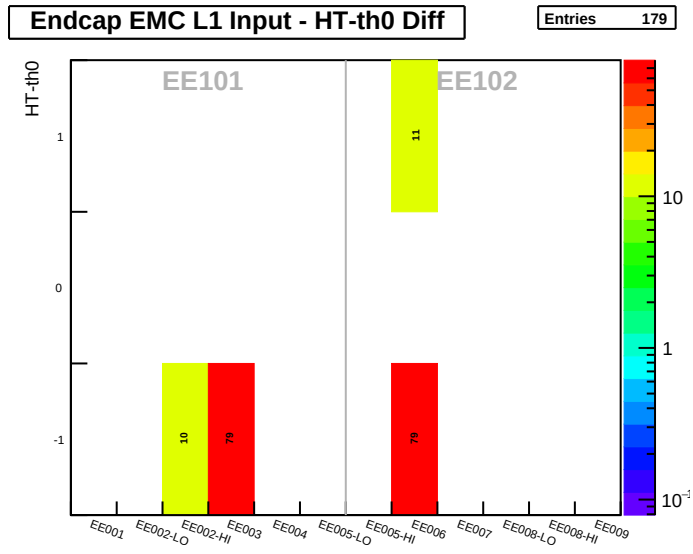

Endcap EMC L1 Input - Low Eta Sum
Entries 5.288213e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

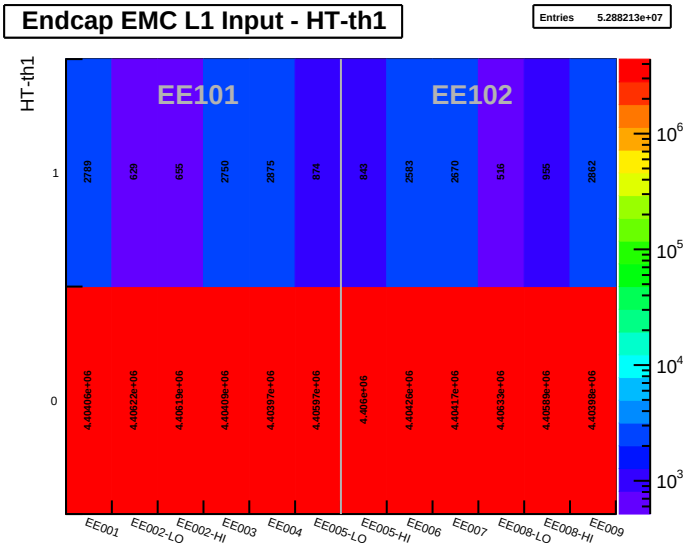

Endcap EMC L1 Input - Low Eta Sum
Entries 1037863
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

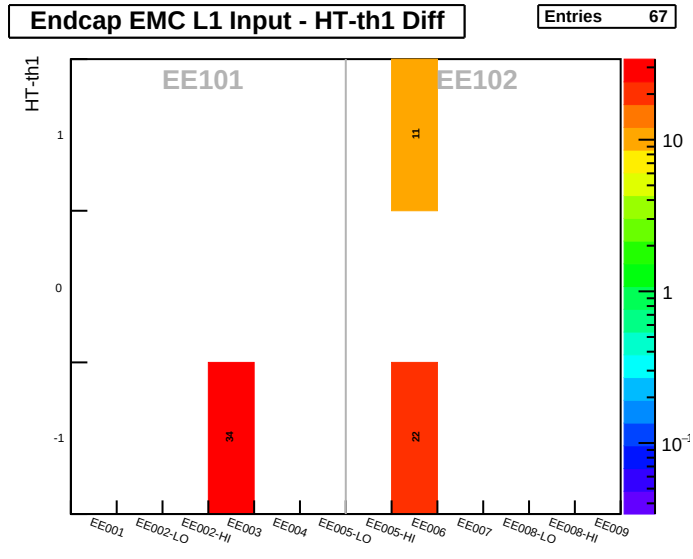

Endcap EMC L1 Input - High Eta Sum
Entries 5.288213e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

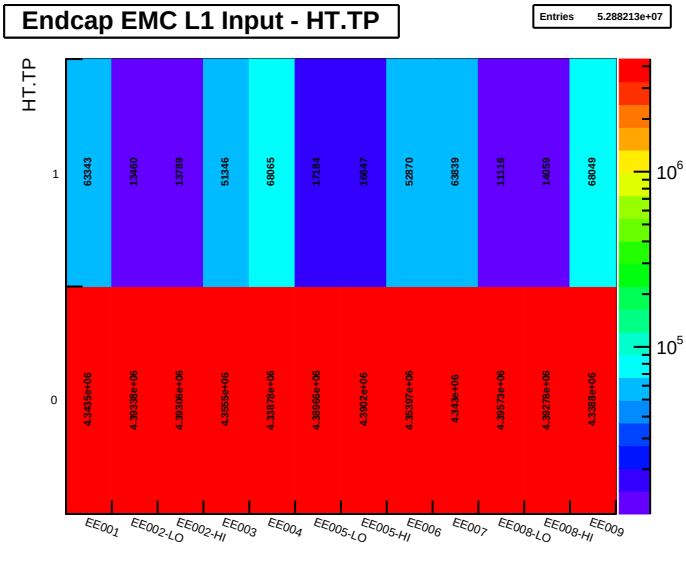

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

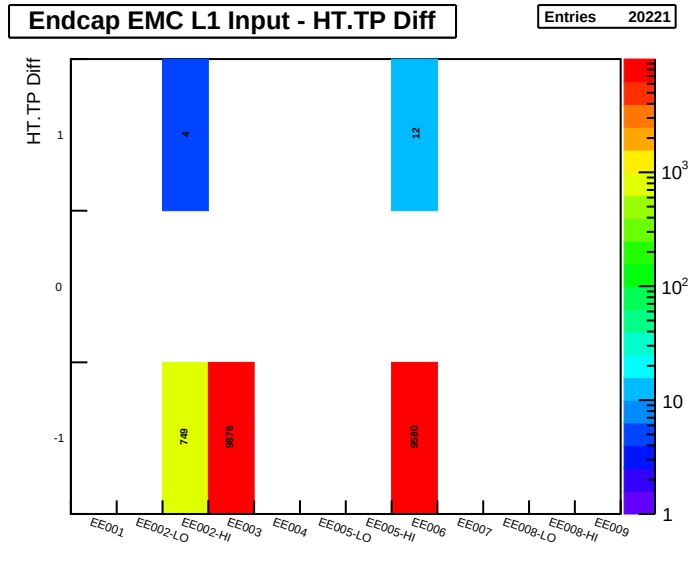

Endcap EMC L1 Input - HT-th0
Entries 5.288213e+07
HT-th0
EE101
EE102
1
0
6144 1389 1512 5683 6384 1969 1912 5350 5971 1167 2049 6343
4.4007e+06 4.40546e+06 4.40533e+06 4.40116e+06 4.40046e+06 4.40489e+06 4.40493e+06 4.40149e+06 4.40087e+06 4.40568e+06 4.4048e+06 4.4005e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4

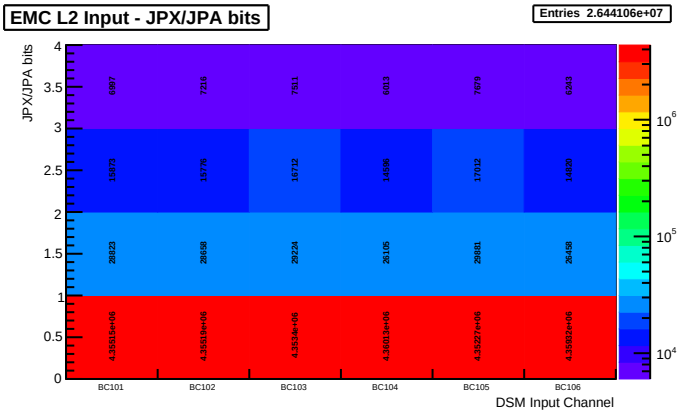

Endcap EMC L1 Input - HT-th0 Diff
Entries 179
HT-th0
EE101
EE102
1
0
-1
11
10 79 79
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

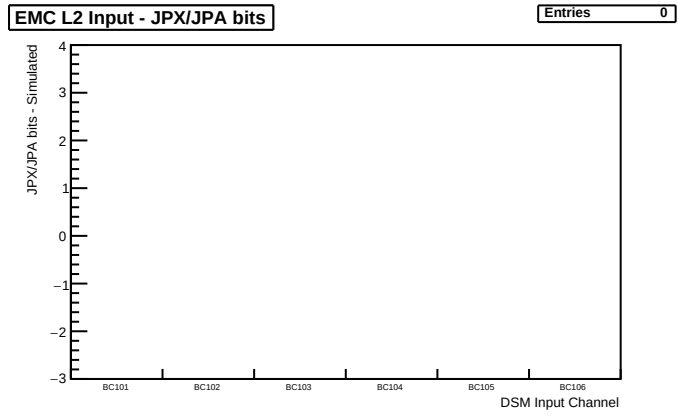

Endcap EMC L1 Input - HT-th1
Entries 5.288213e+07
HT-th1
EE101
EE102
1
0
2789 629 655 2750 2875 874 843 2583 2670 516 955 2862
4.40406e+06 4.40522e+06 4.40613e+06 4.40409e+06 4.40397e+06 4.40597e+06 4.406e+06 4.40426e+06 4.40417e+06 4.40633e+06 4.40589e+06 4.40398e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

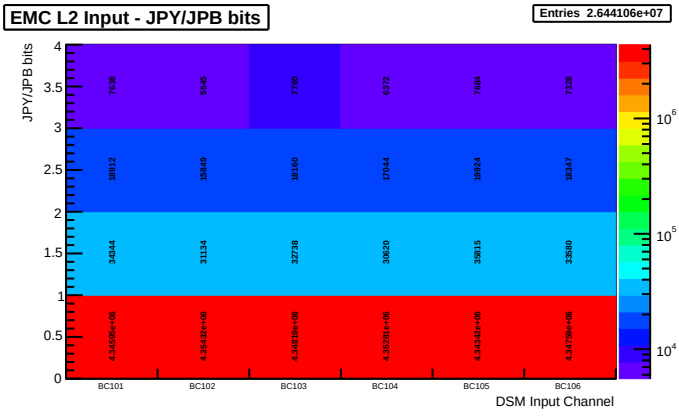

Endcap EMC L1 Input - HT-th1 Diff
Entries 67
HT-th1
EE101
EE102
1
0
-1
11
34 22
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

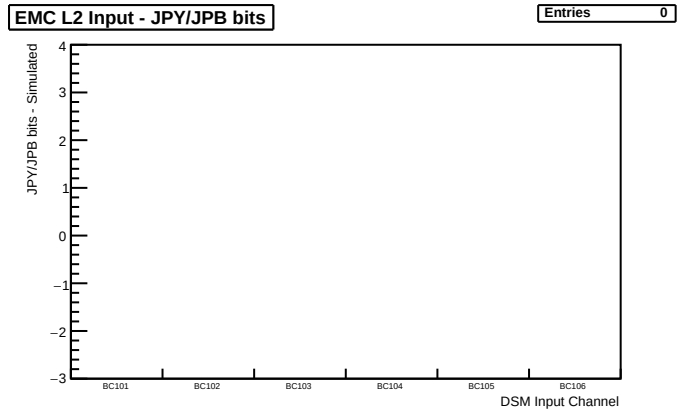

Endcap EMC L1 Input - HT.TP
Entries 5.288213e+07
HT.TP
1
0
63343 13460 13789 51346 68065 17184 16847 52870 63839 11116 14059 68049
4.3435e+06 4.39338e+06 4.39306e+06 4.3555e+06 4.33878e+06 4.39066e+06 4.3902e+06 4.35397e+06 4.3243e+06 4.39573e+06 4.39278e+06 4.3388e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5

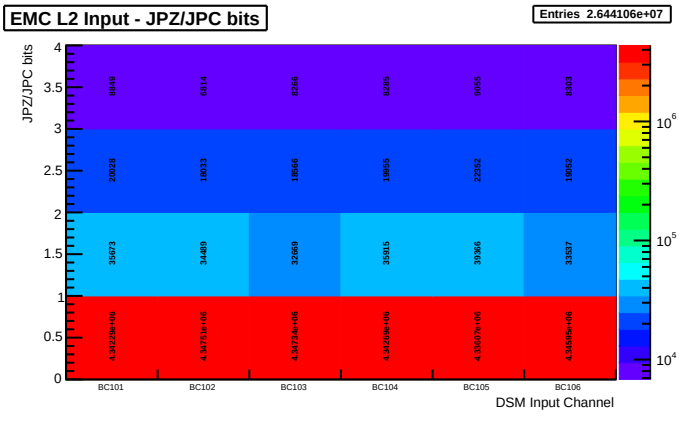

Endcap EMC L1 Input - HT.TP Diff
Entries 20221
HT.TP Diff
1
0
-1
4
12
749 9876 9580
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^3
10^2
10
1

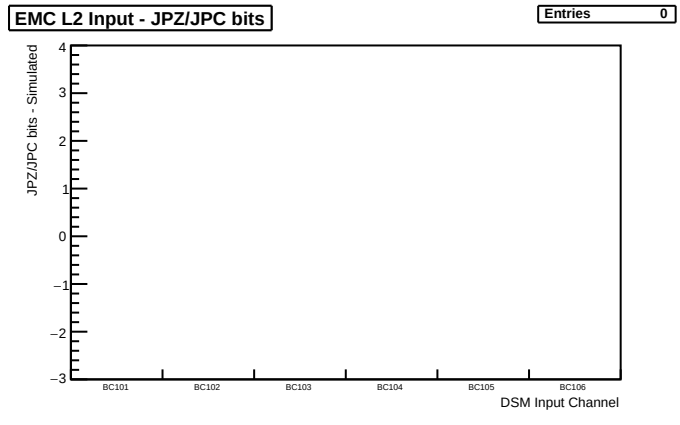

EMC L2 Input - JPX/JPA bits
Entries 2.644106e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

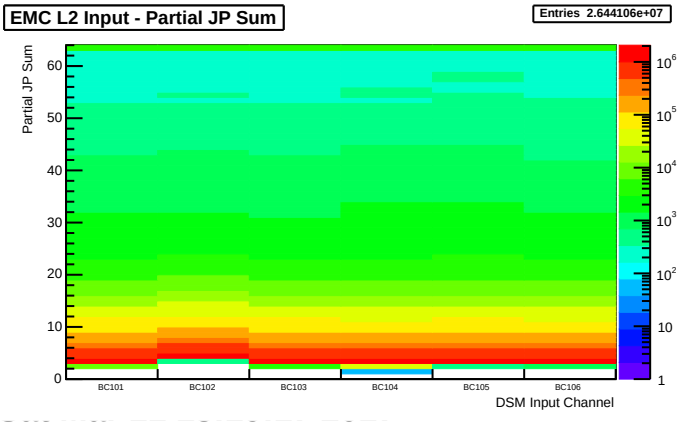

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

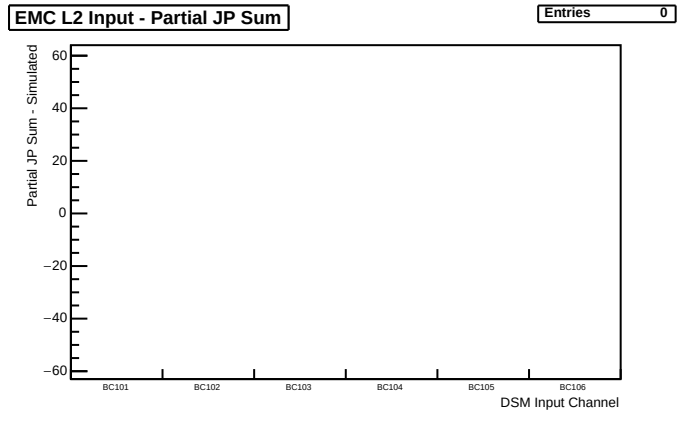

EMC L2 Input - JPY/JPB bits
Entries 2.644106e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

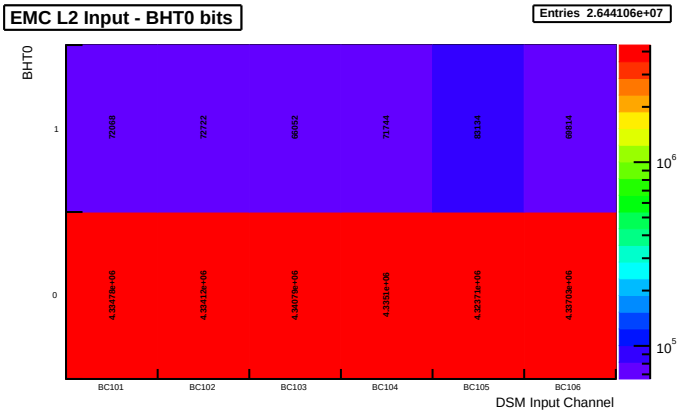

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

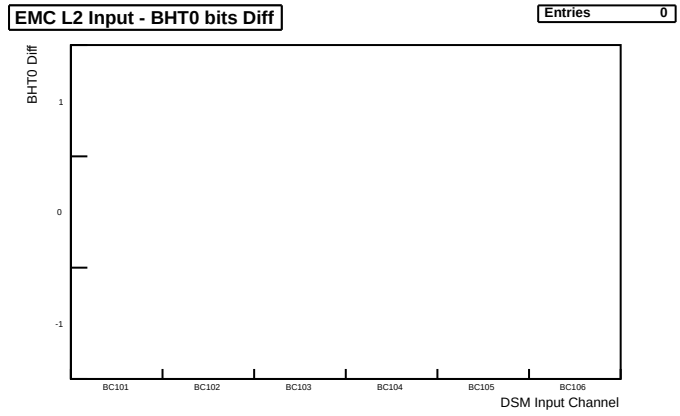

EMC L2 Input - JPZ/JPC bits
Entries 2.644106e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

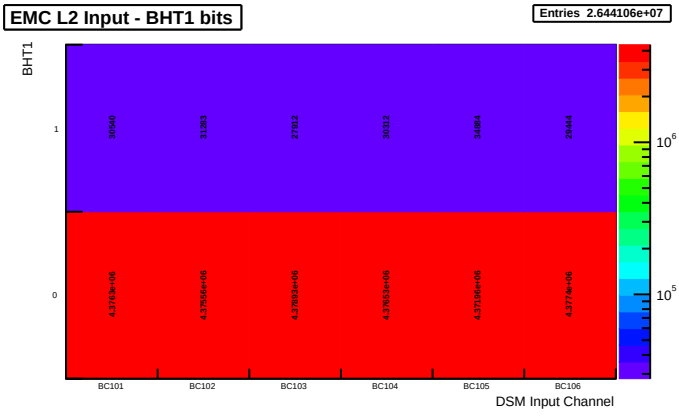

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

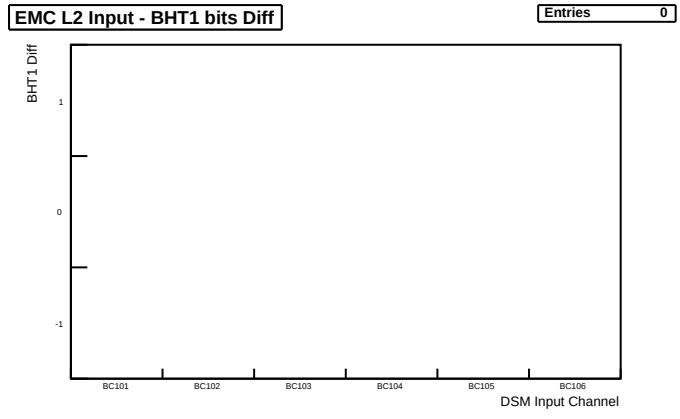

EMC L2 Input - Partial JP Sum
Entries 2.644106e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

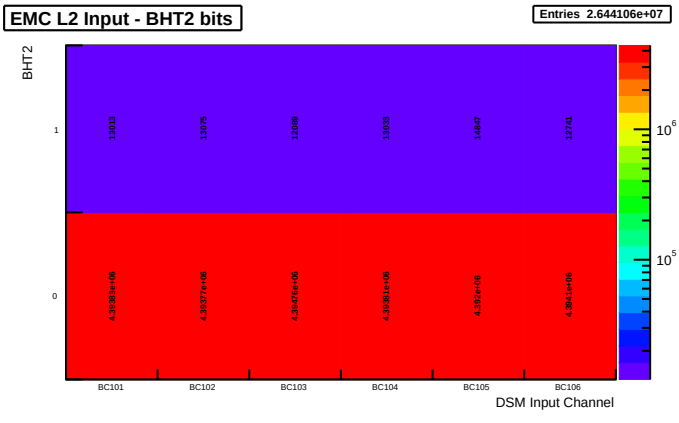

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

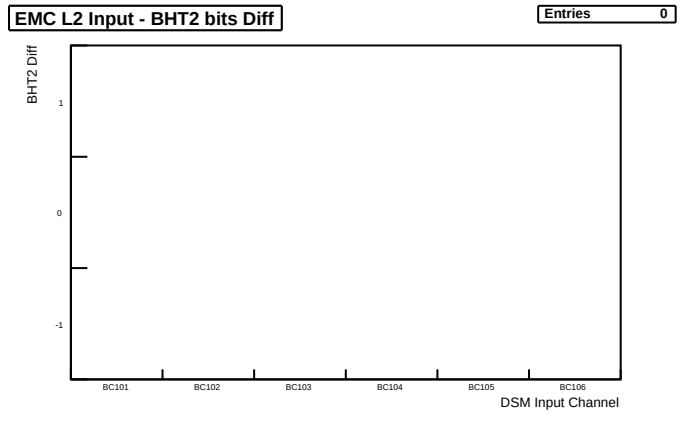

EMC L2 Input - BHT0 bits
Entries 2.644106e+07
BHT0
1
0
72068
72722
66052
71744
63134
69814
4.33479e+06
4.33412e+06
4.33079e+06
4.33351e+06
4.33237e+06
4.33703e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

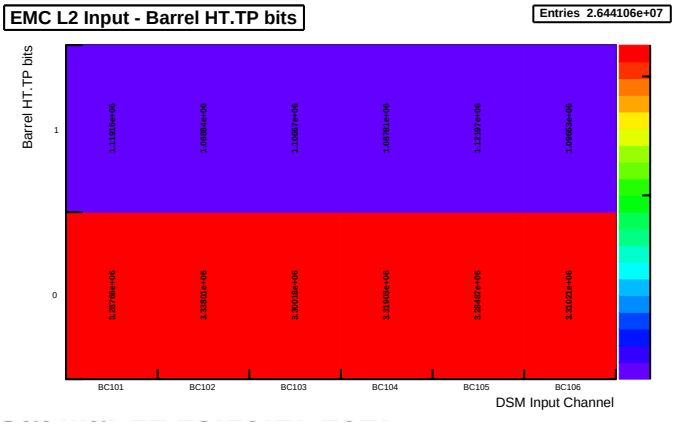

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

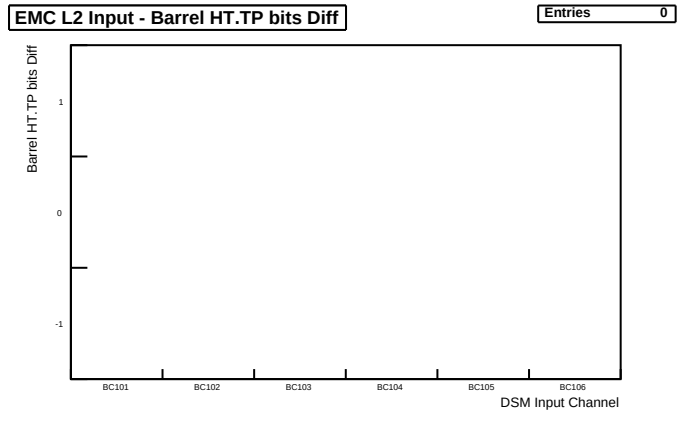

EMC L2 Input - BHT1 bits
Entries 2.644106e+07
BHT1
1
0
30540
31283
27012
30312
34884
28444
4.37634e+06
4.37556e+06
4.37939e+06
4.37653e+06
4.37196e+06
4.37746e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

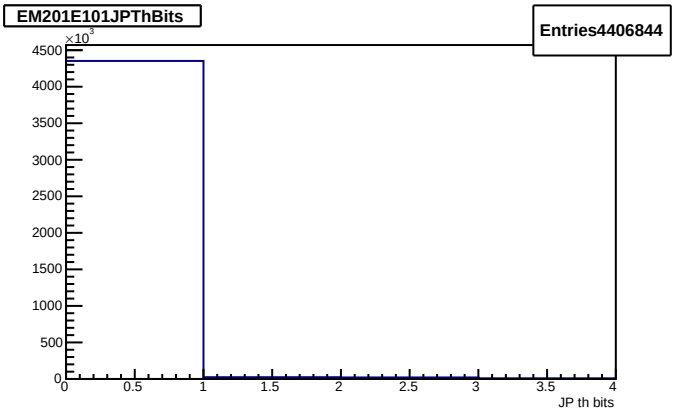

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

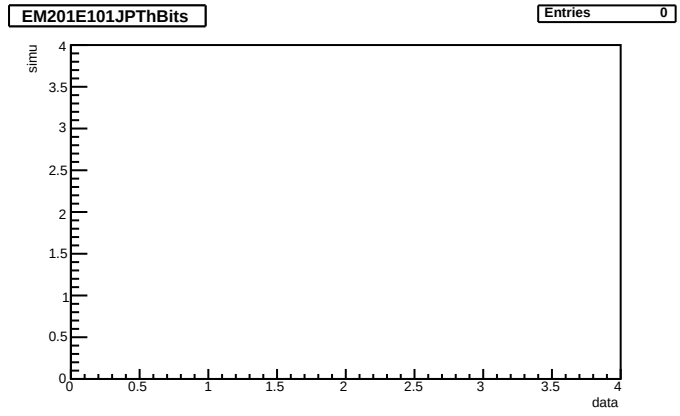

EMC L2 Input - BHT2 bits
Entries 2.644106e+07
BHT2
1
0
13013
13075
12389
13023
14947
12741
4.39363e+06
4.39377e+06
4.39476e+06
4.39381e+06
4.392e+06
4.3941e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

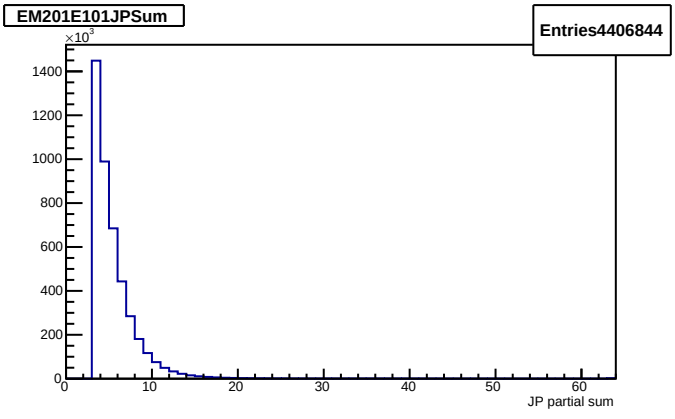

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

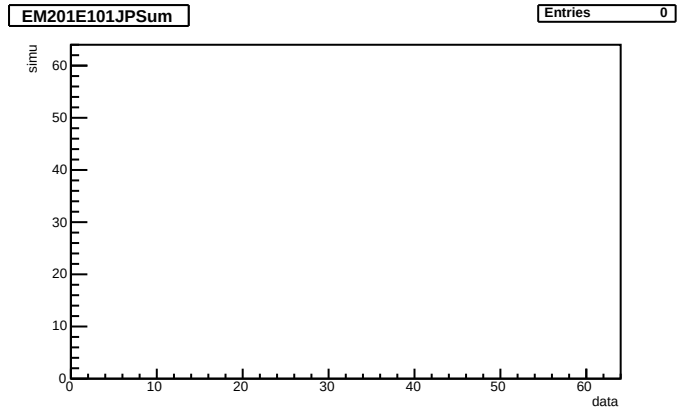

EMC L2 Input - Barrel HT.TP bits
Entries 2.644106e+07
Barrel HT.TP bits
1
0
1.11916e+06
1.06894e+06
1.10667e+06
1.08781e+06
1.12197e+06
1.09653e+06
3.28788e+06
3.33801e+06
3.30019e+06
3.31903e+06
3.28487e+06
3.31021e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

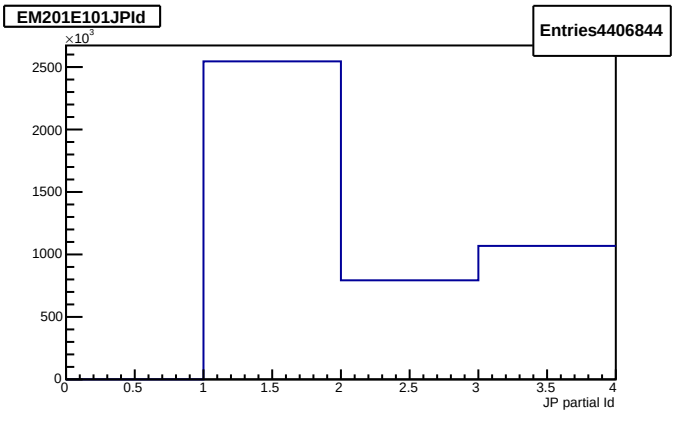

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

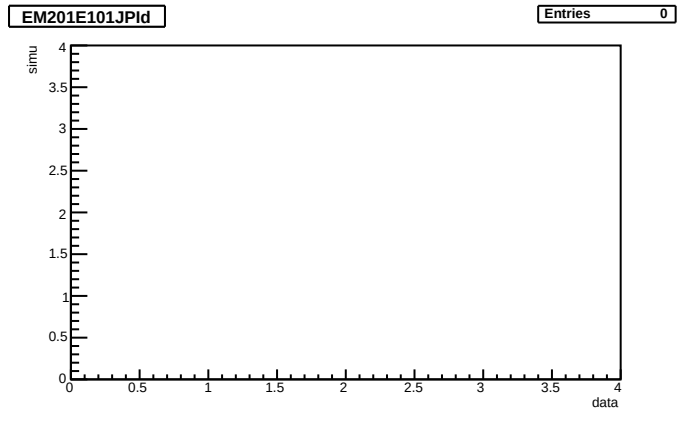

EM201E101JPThBits
Entries4406844
×10^3
JP th bits

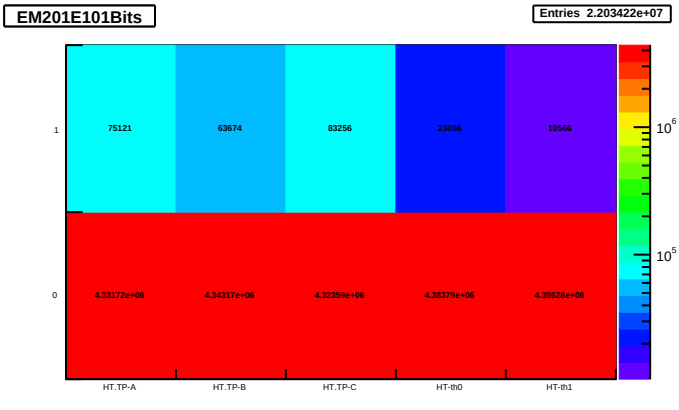

EM201E101JPThBits
Entries 0
simu
data

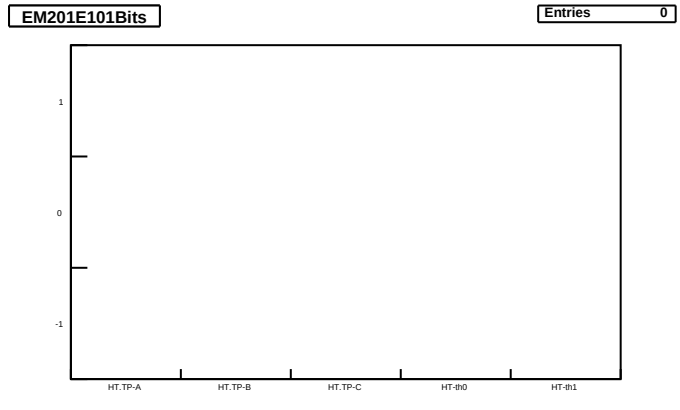

EM201E101JPSum
Entries4406844
×10^3
JP partial sum

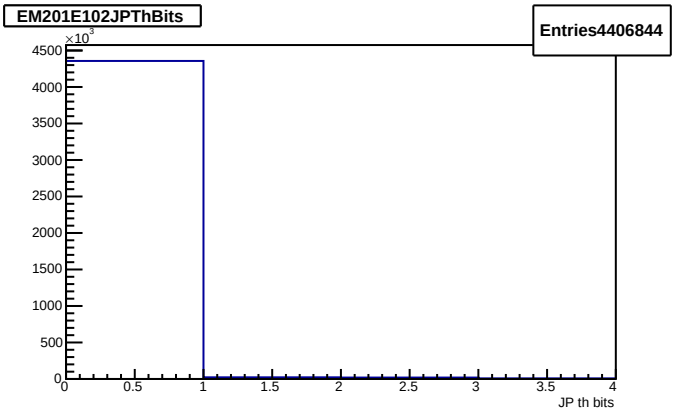

EM201E101JPSum
Entries 0
simu
data

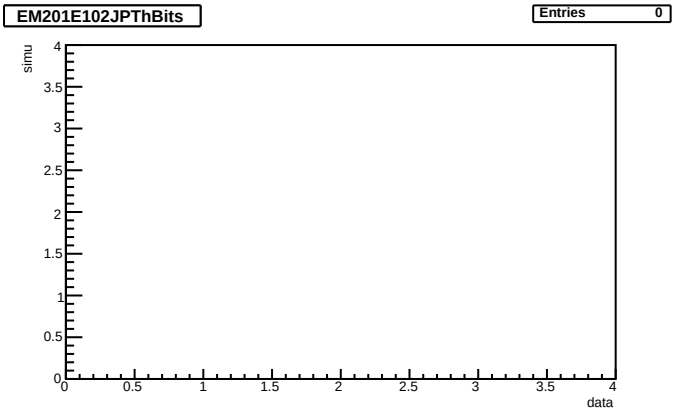

EM201E101JPId
Entries4406844
×10^3
JP partial Id

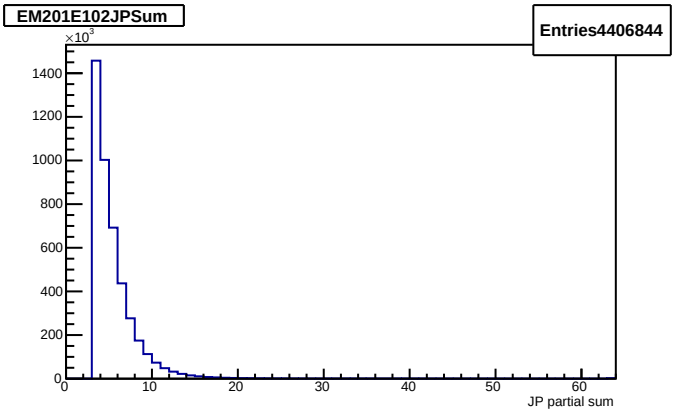

EM201E101JPId
Entries 0
simu
data

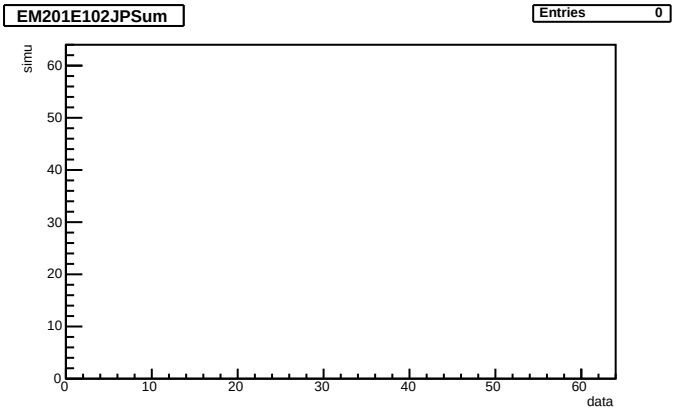

EM201E101Bits
Entries 2.203422e+07
75121
63674
83256
23056
10566
4.33172e+06
4.34317e+06
4.32359e+06
4.38379e+06
4.39628e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

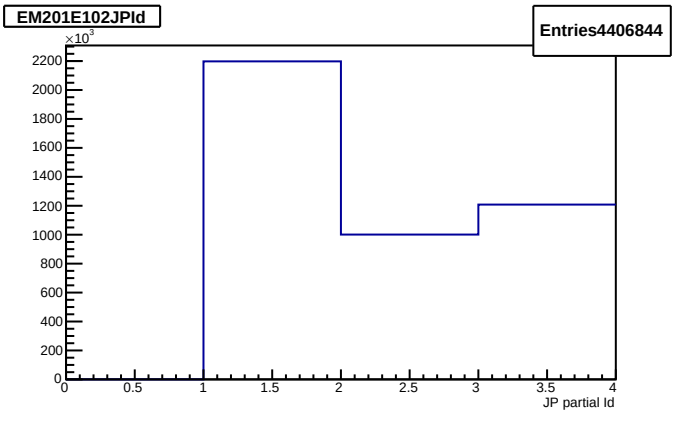

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

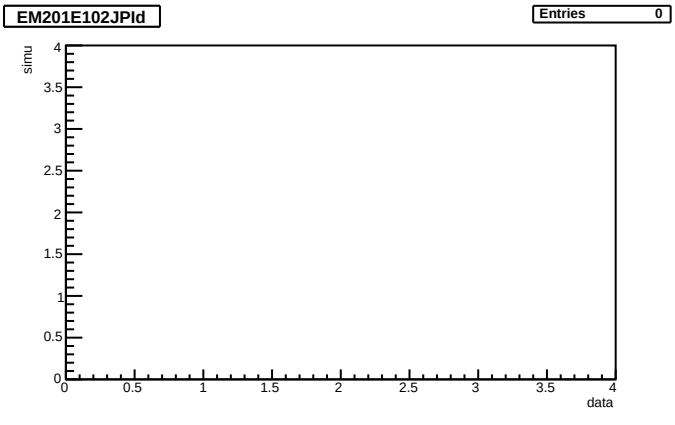

EM201E102JPThBits
Entries4406844
×10^3
JP th bits

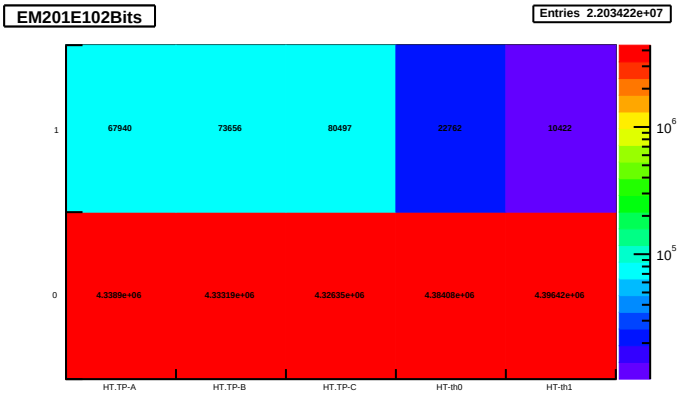

EM201E102JPThBits
Entries 0
simu
data

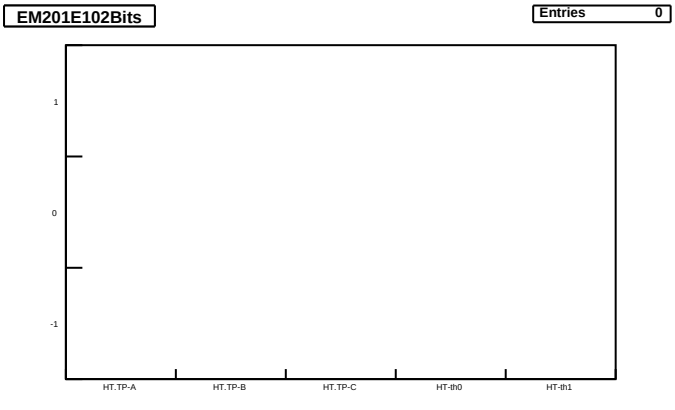

EM201E102JPSum
Entries4406844
×10^3
JP partial sum

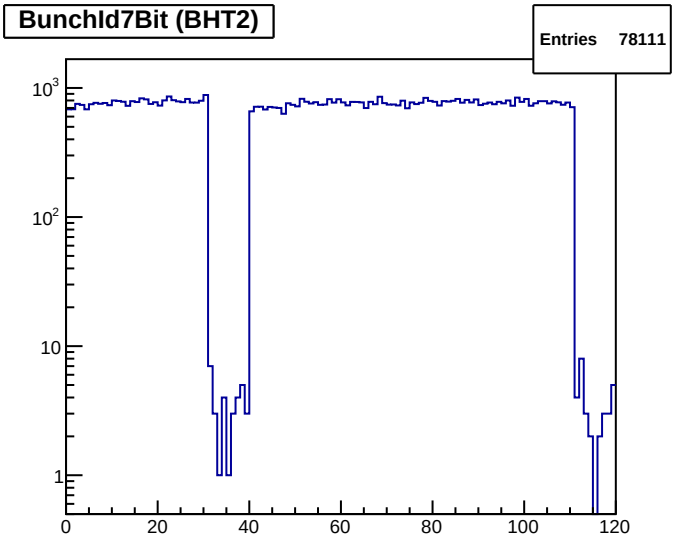

EM201E102JPSum
Entries 0
simu
data

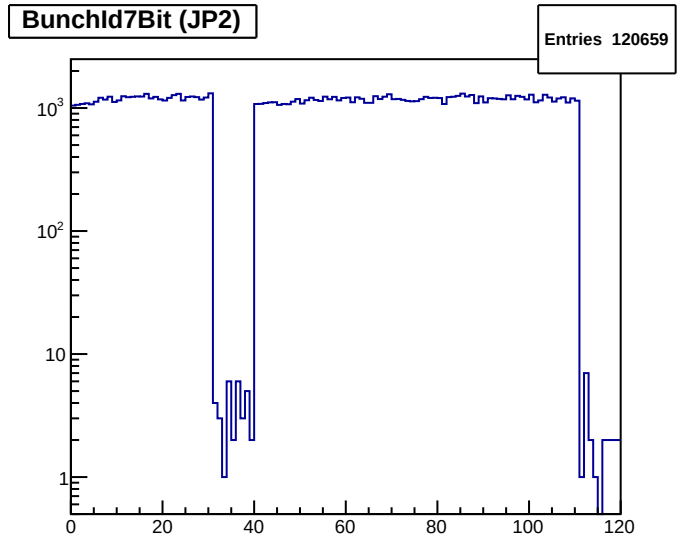

EM201E102JPId
Entries4406844
×10^3
JP partial Id

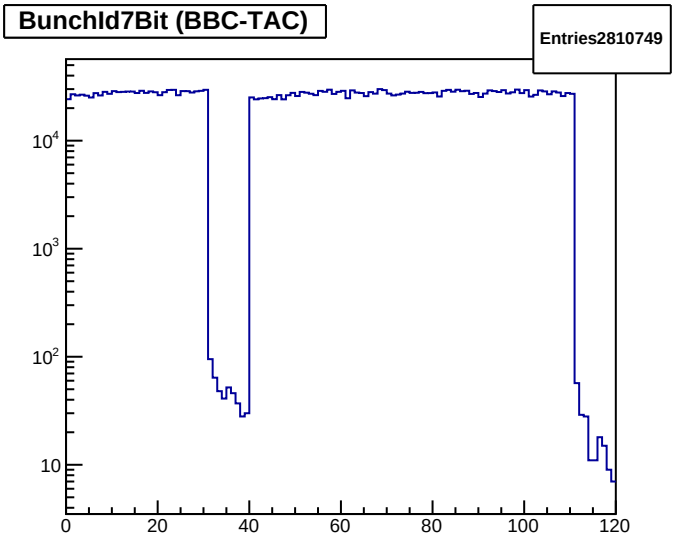

EM201E102JPId
Entries 0
simu
data

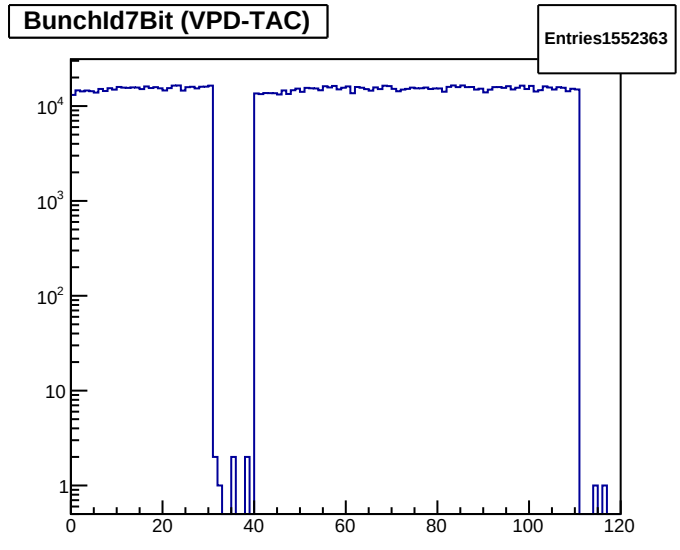

EM201E102Bits
Entries 2.203422e+07
67940
73656
80497
22762
10422
4.3389e+06
4.33319e+06
4.32635e+06
4.38408e+06
4.39642e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

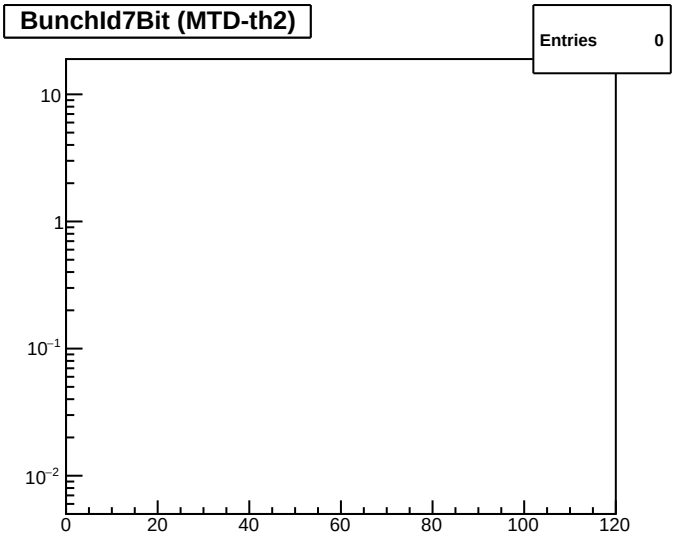

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

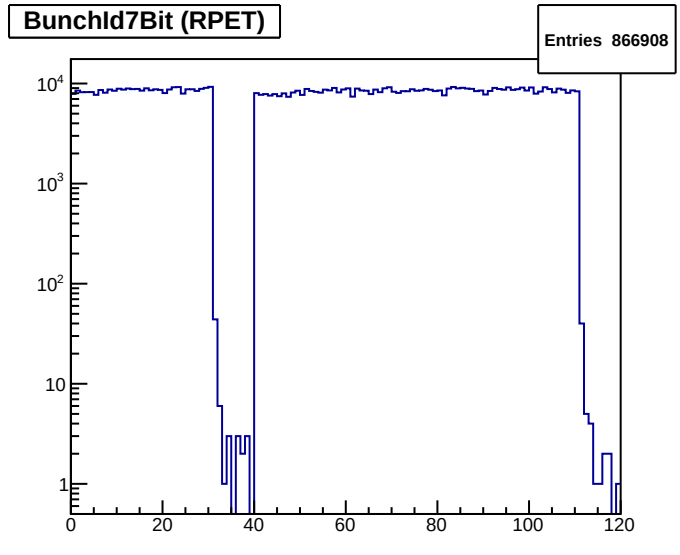

BunchId7Bit (BHT2)
Entries 78111

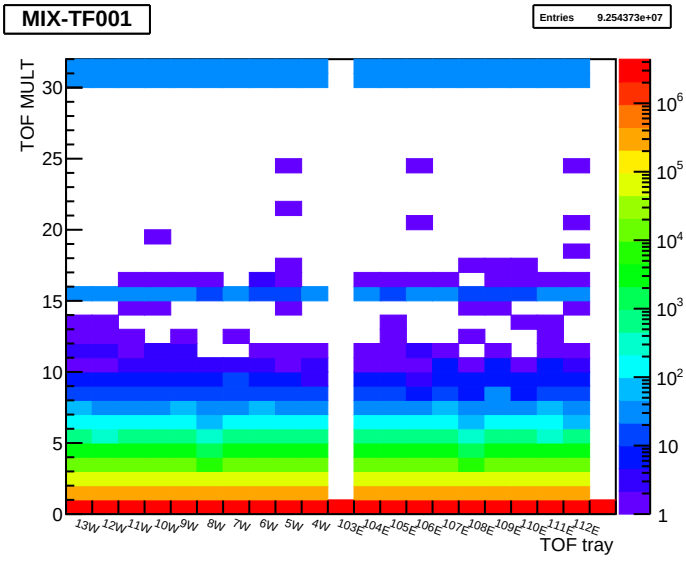

BunchId7Bit (JP2)
Entries 120659

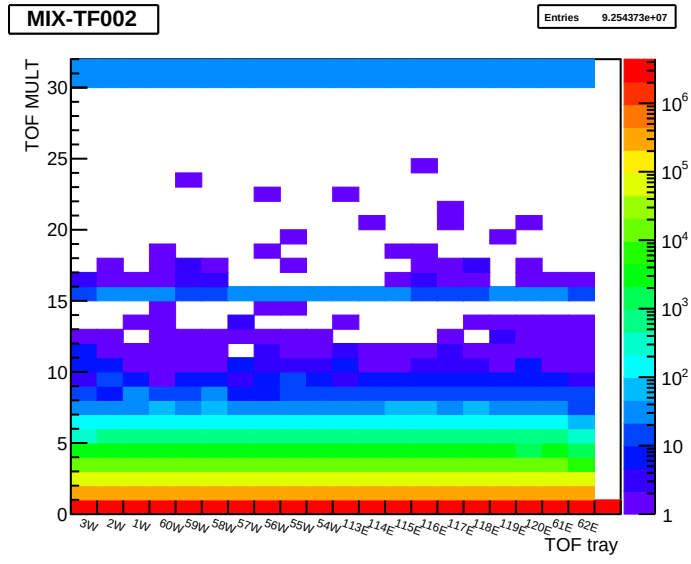

BunchId7Bit (BBC-TAC)
Entries2810749

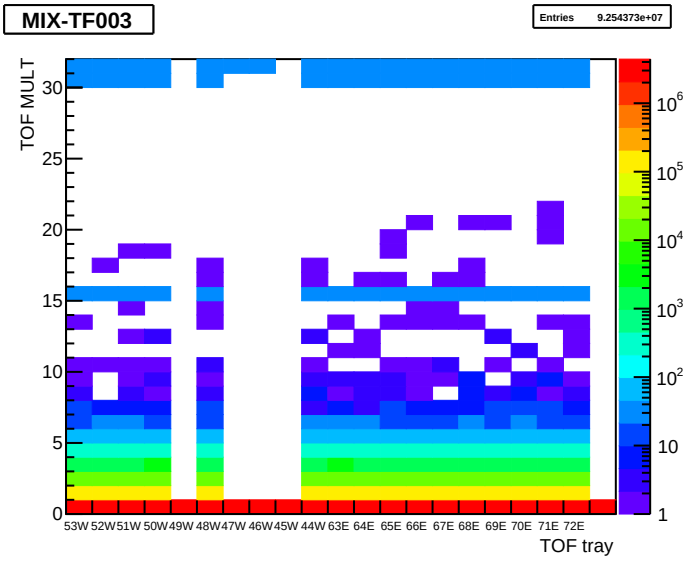

BunchId7Bit (VPD-TAC)
Entries1552363

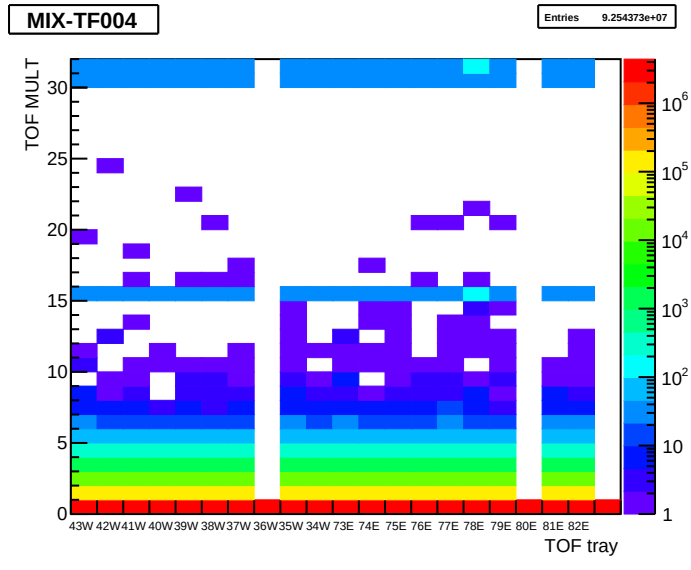

BunchId7Bit (MTD-th2)
Entries 0

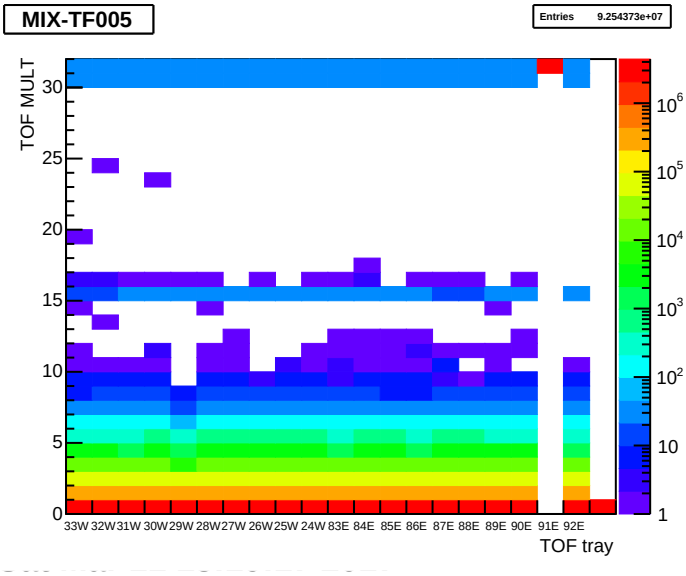

BunchId7Bit (RPET)
Entries 866908

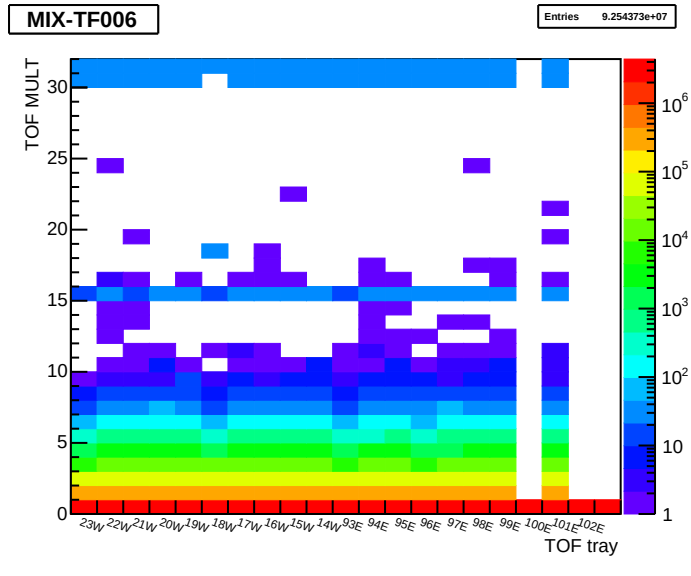

MIX-TF001
Entries 9.254373e+07
TOF MULT
TOF tray

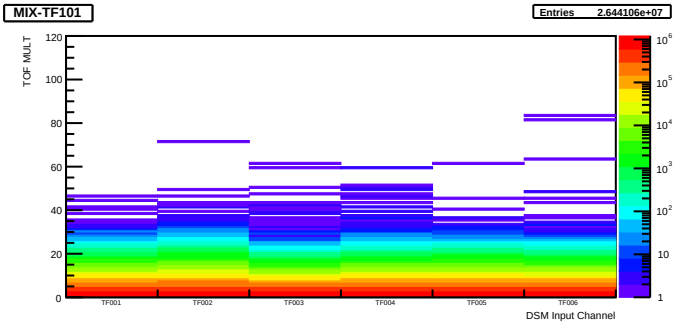

MIX-TF002
Entries 9.254373e+07
TOF MULT
TOF tray

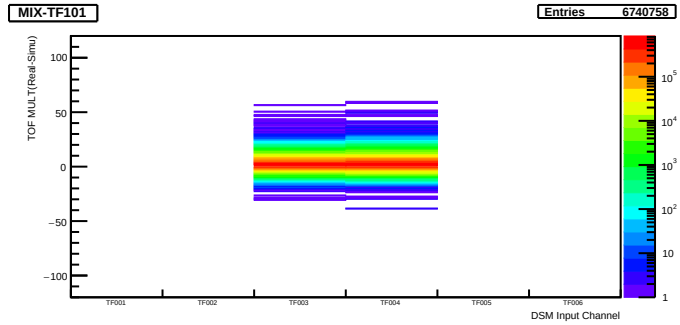

MIX-TF003
Entries 9.254373e+07
TOF MULT
TOF tray

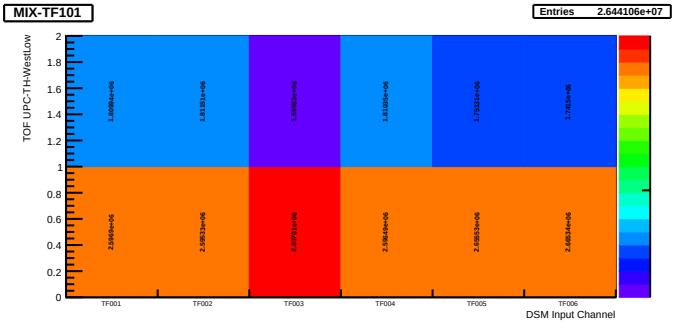

MIX-TF004
Entries 9.254373e+07
TOF MULT
TOF tray

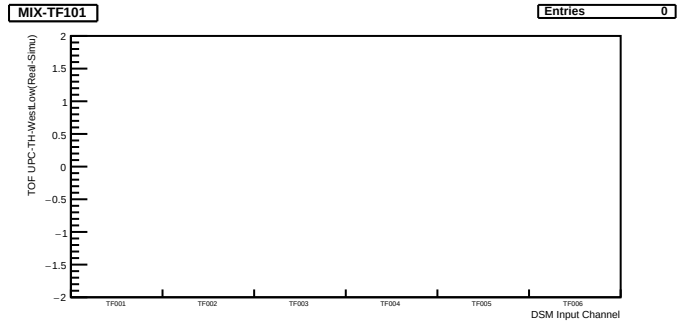

MIX-TF005
Entries 9.254373e+07
TOF MULT
TOF tray

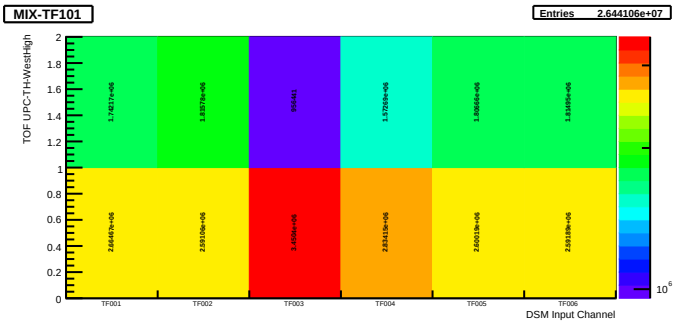

MIX-TF006
Entries 9.254373e+07
TOF MULT
TOF tray

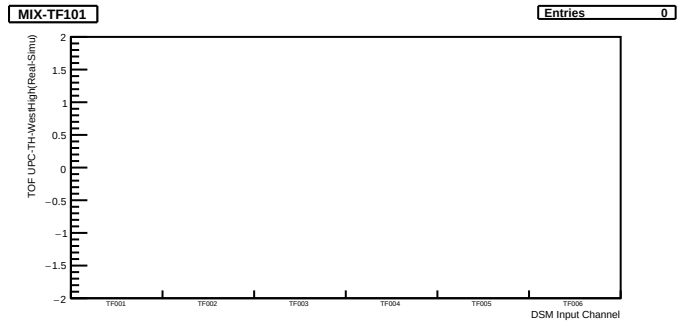

MIX-TF101
Entries 2.644106e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

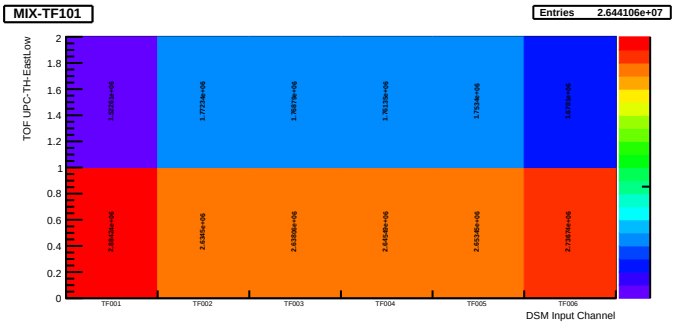

MIX-TF101
Entries 6740758
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

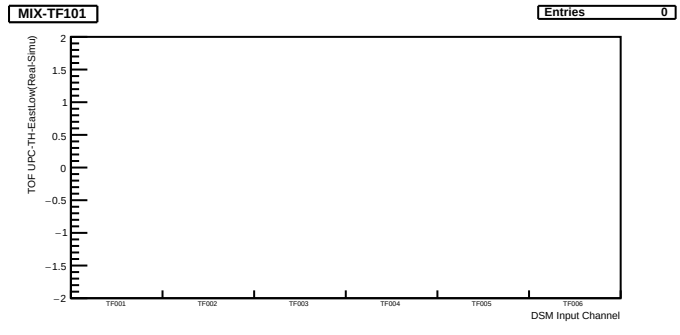

MIX-TF101
Entries 2.644106e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

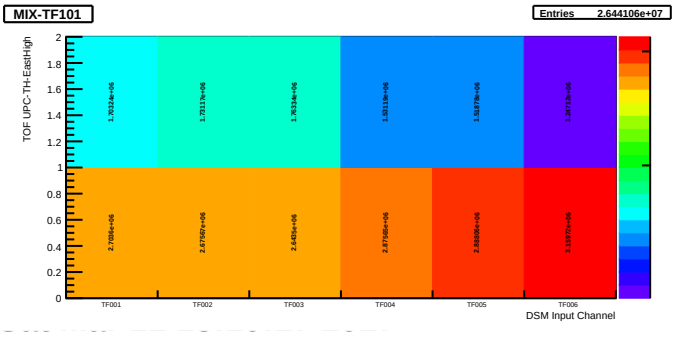

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

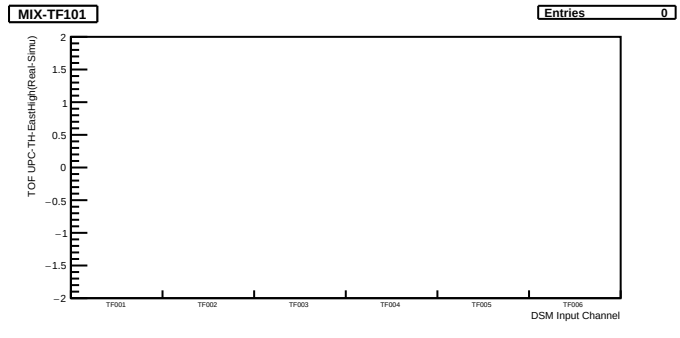

MIX-TF101
Entries 2.644106e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

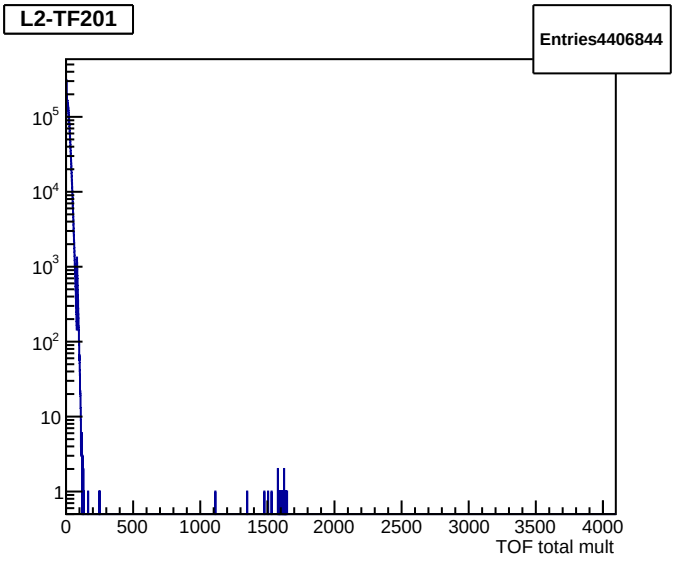

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

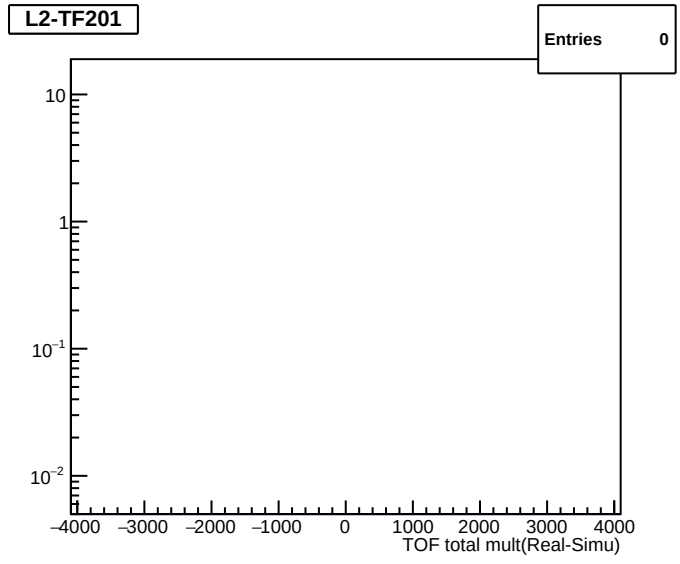

MIX-TF101
Entries 2.644106e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

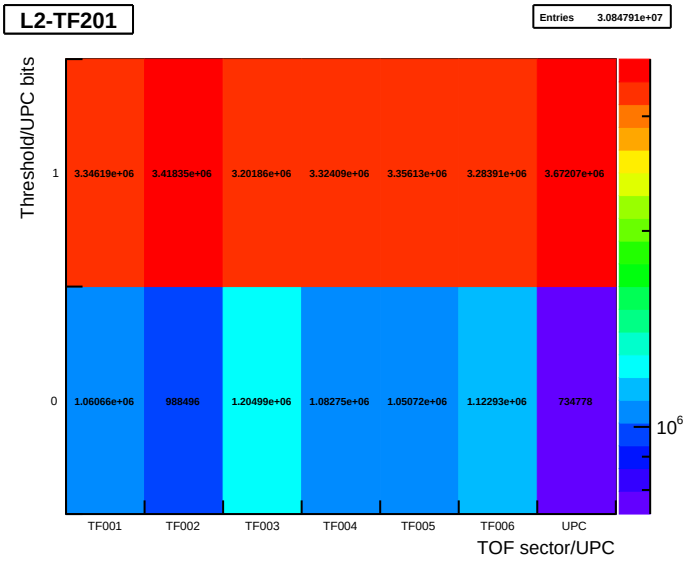

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

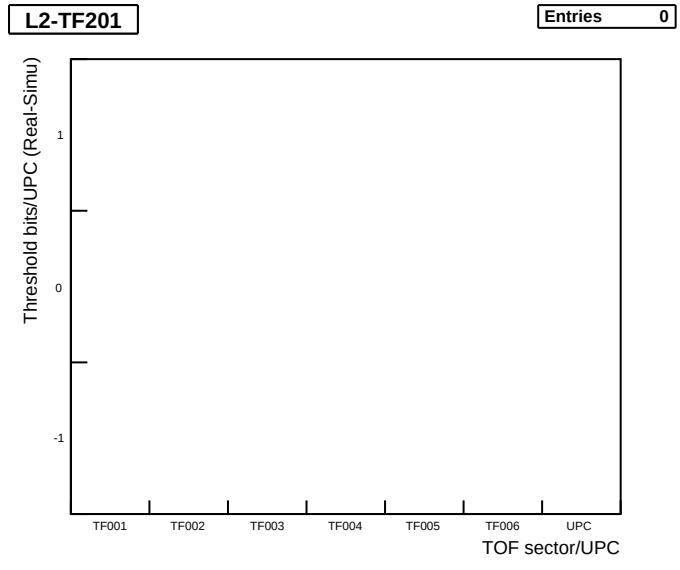

MIX-TF101
Entries 2.644106e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

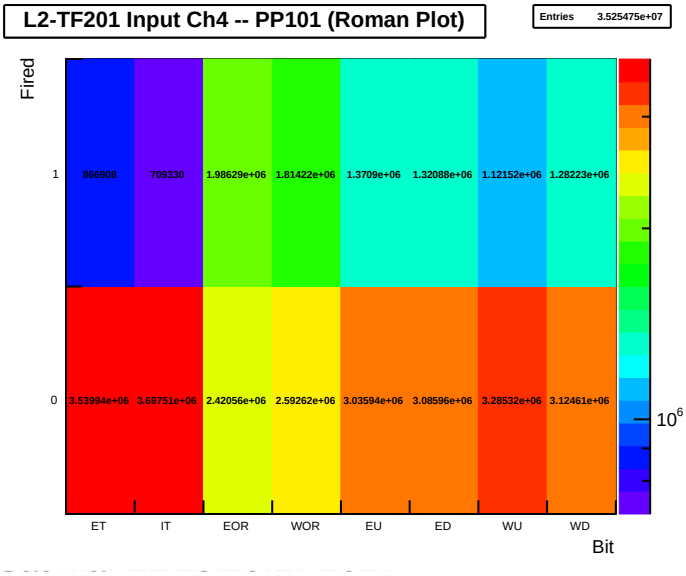

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

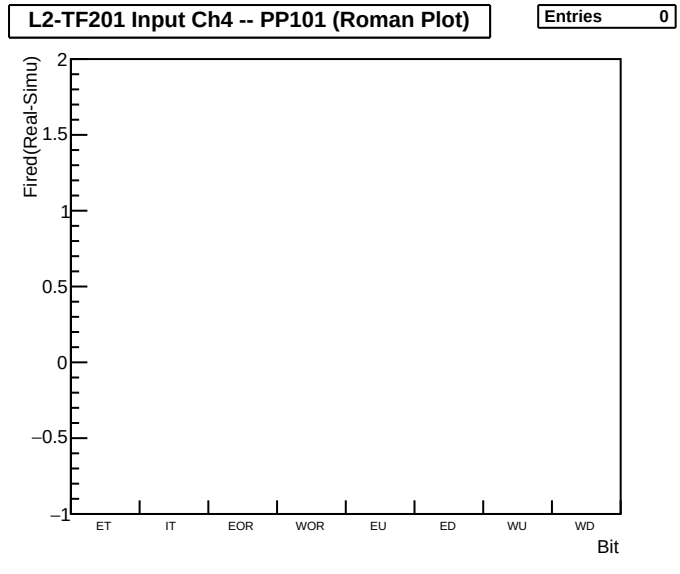

L2-TF201
Entries4406844
TOF total mult

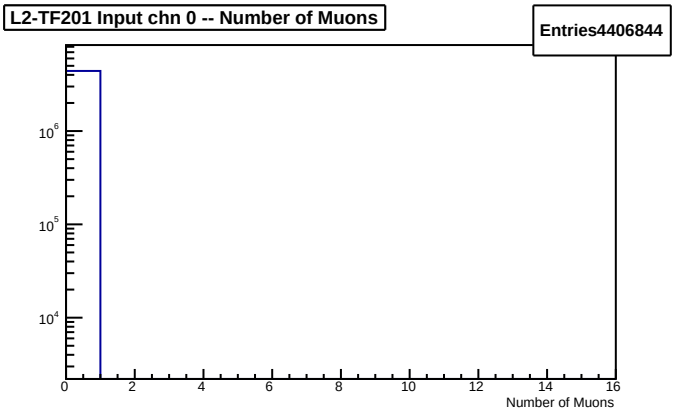

L2-TF201
Entries 0
TOF total mult(Real-Simu)

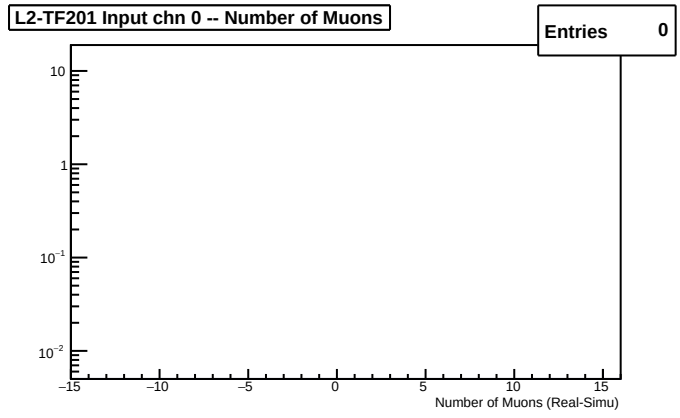

L2-TF201
Entries 3.084791e+07
Threshold/UPC bits
3.34619e+06
3.41835e+06
3.20186e+06
3.32409e+06
3.35613e+06
3.28391e+06
3.67207e+06
1.06066e+06
988496
1.20499e+06
1.08275e+06
1.05072e+06
1.12293e+06
734778
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

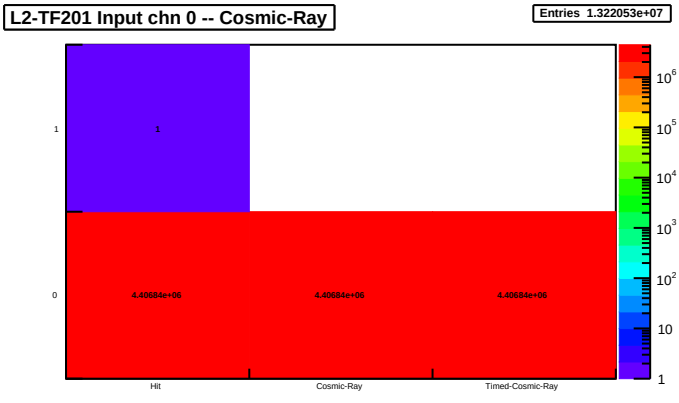

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

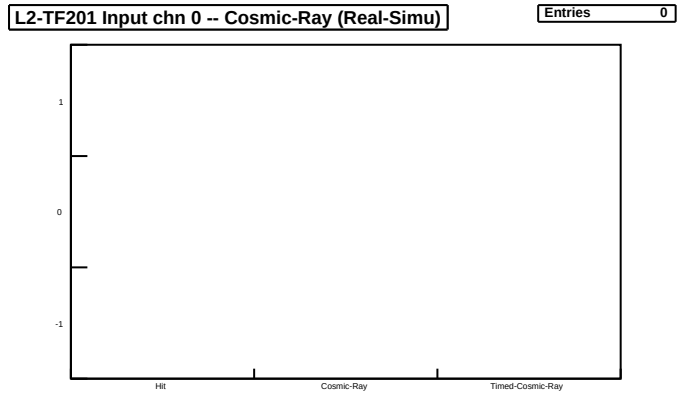

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.525475e+07
Fired
866908
709330
1.98629e+06
1.81422e+06
1.3709e+06
1.32088e+06
1.12152e+06
1.28223e+06
3.53994e+06
3.69751e+06
2.42056e+06
2.59262e+06
3.03594e+06
3.08596e+06
3.28532e+06
3.12461e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

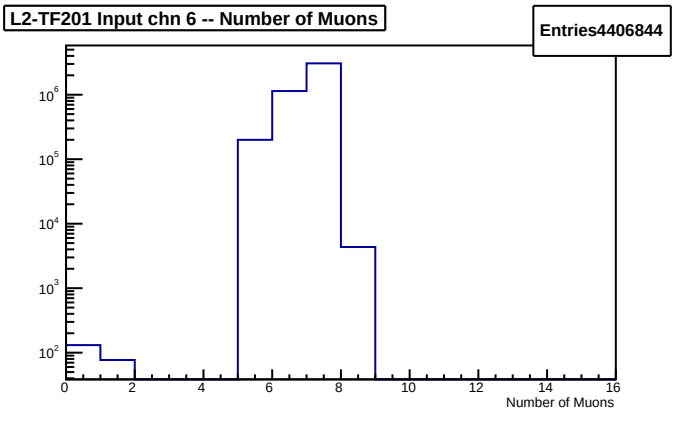

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

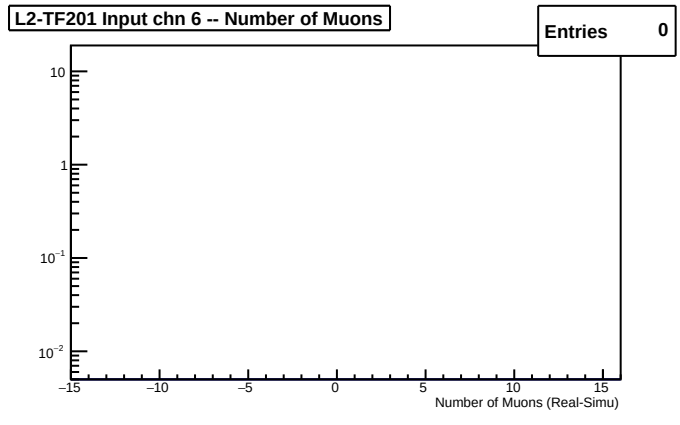

L2-TF201 Input chn 0 -- Number of Muons
Entries4406844
Number of Muons

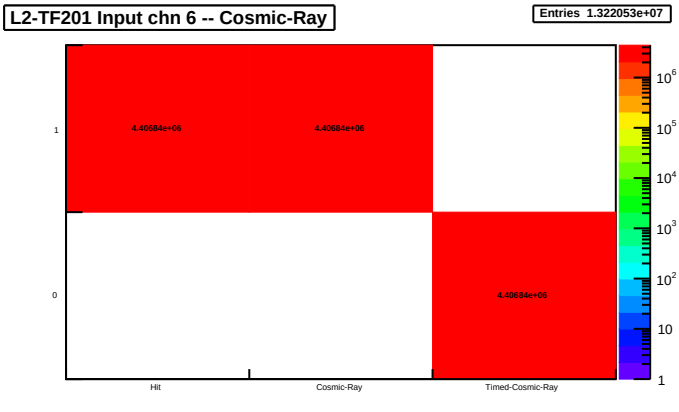

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

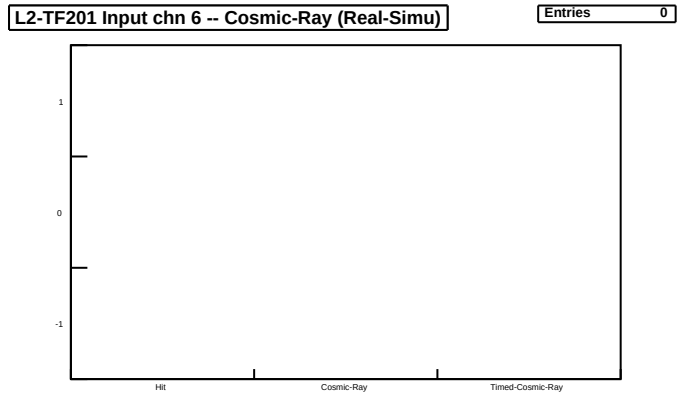

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.322053e+07
4.40684e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

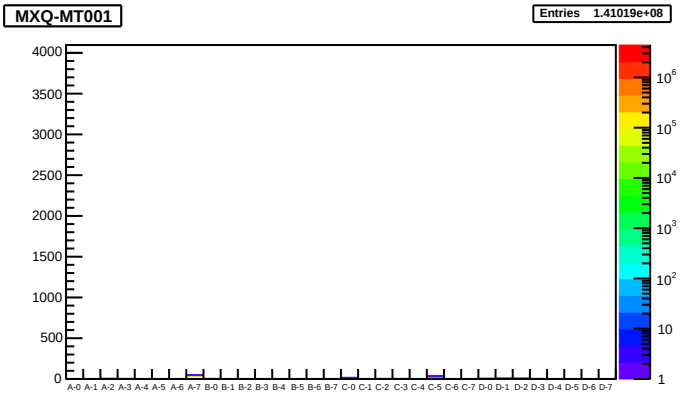

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

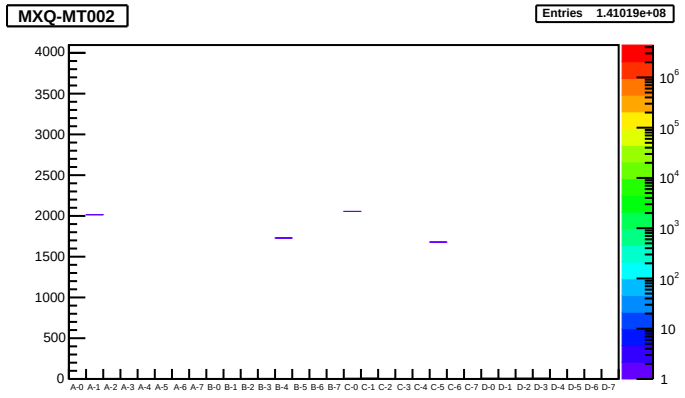

L2-TF201 Input chn 6 -- Number of Muons
Entries4406844
Number of Muons

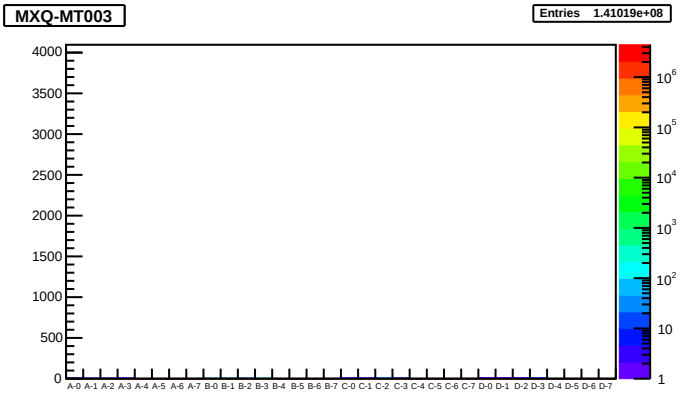

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

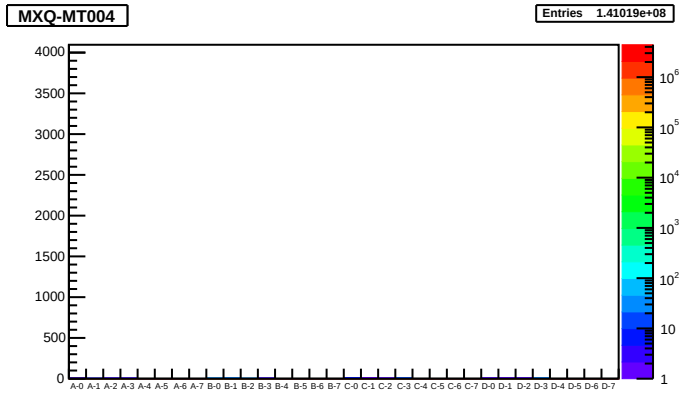

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.322053e+07
4.40684e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

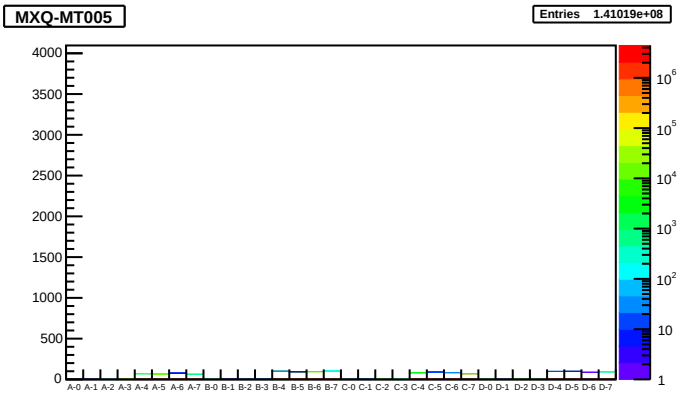

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

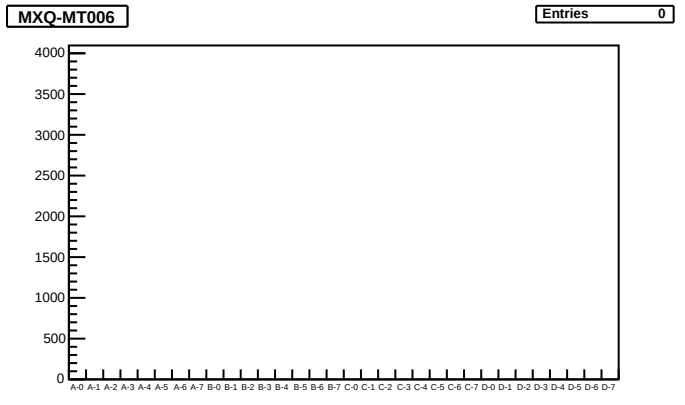

MXQ-MT001
Entries 1.41019e+08

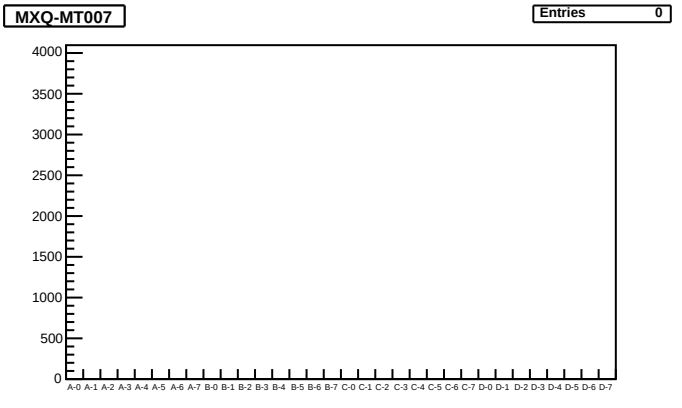

MXQ-MT002
Entries 1.41019e+08

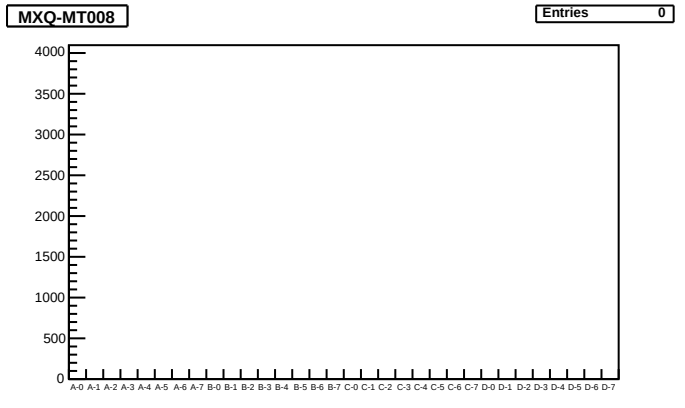

MXQ-MT003
Entries 1.41019e+08

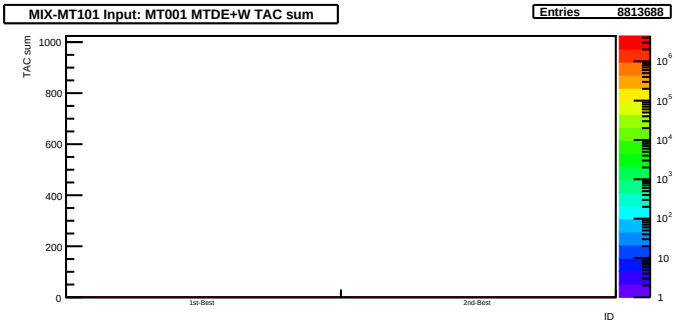

MXQ-MT004
Entries 1.41019e+08

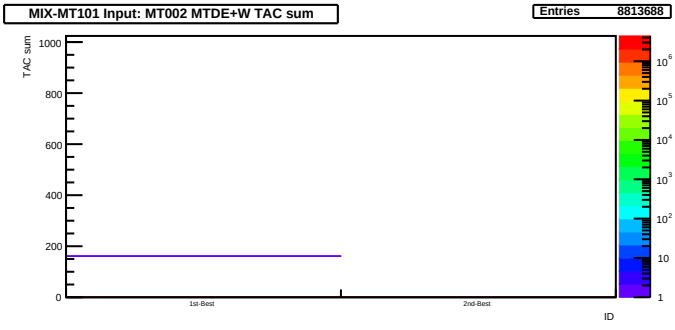

MXQ-MT005
Entries 1.41019e+08

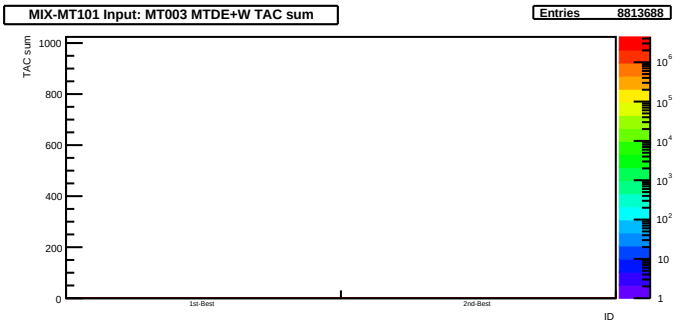

MXQ-MT006
Entries 0

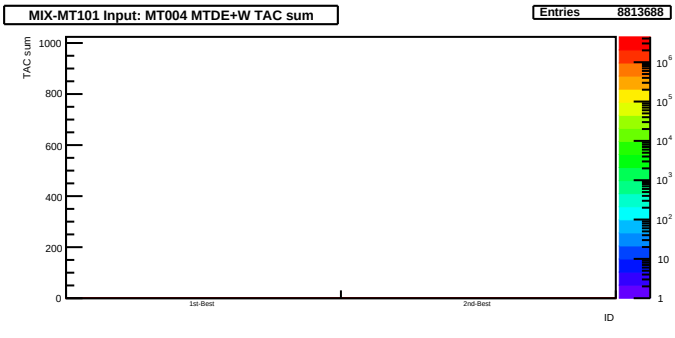

MXQ-MT007
Entries 0

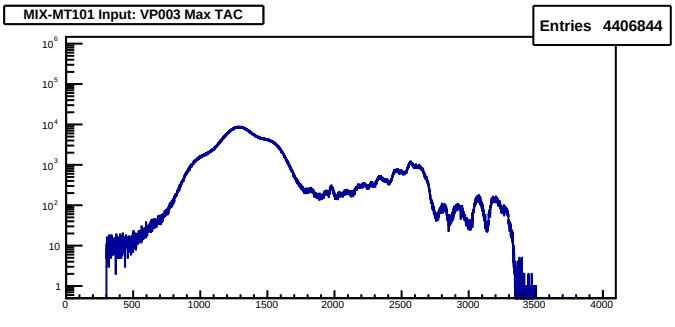

MXQ-MT008
Entries 0

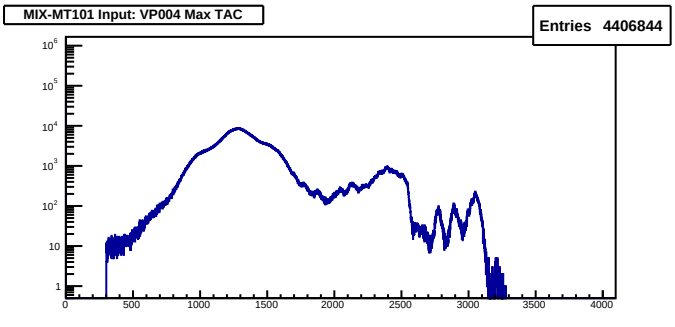

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 8813688
TAC sum
1st-Best
2nd-Best
ID

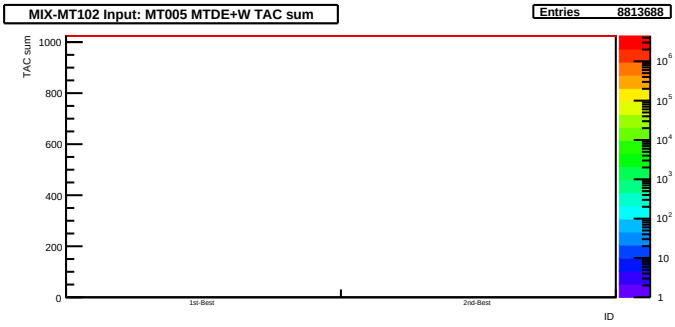

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 8813688
TAC sum
1st-Best
2nd-Best
ID

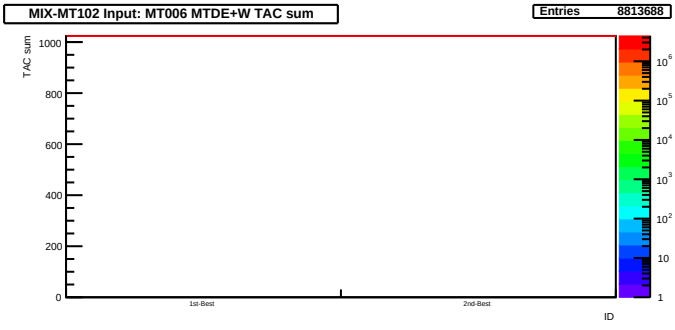

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 8813688
TAC sum
1st-Best
2nd-Best
ID

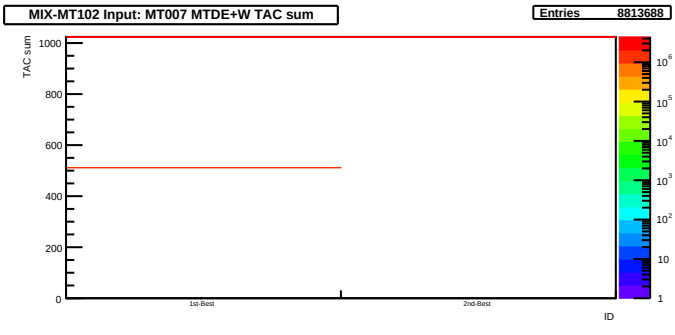

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 8813688
TAC sum
1st-Best
2nd-Best
ID

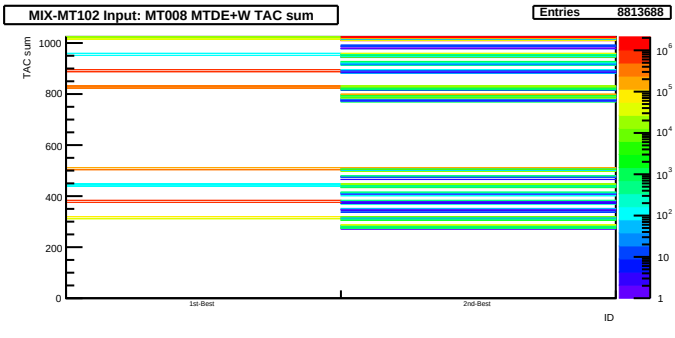

MIX-MT101 Input: VP003 Max TAC
Entries 4406844

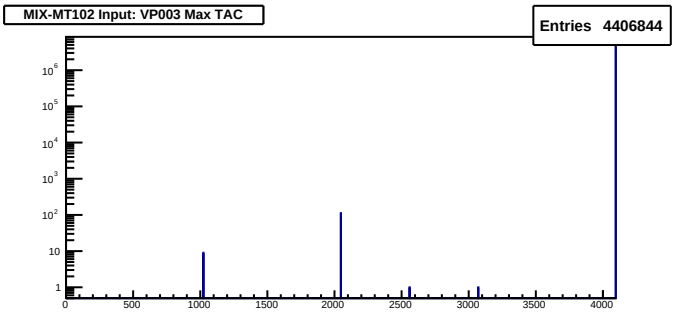

MIX-MT101 Input: VP004 Max TAC
Entries 4406844

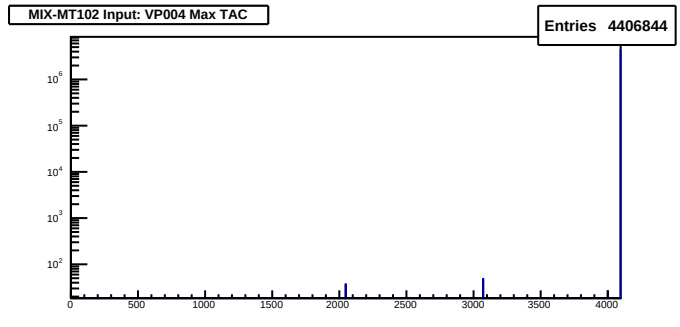

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 8813688
TAC sum
1st-Best
2nd-Best
ID

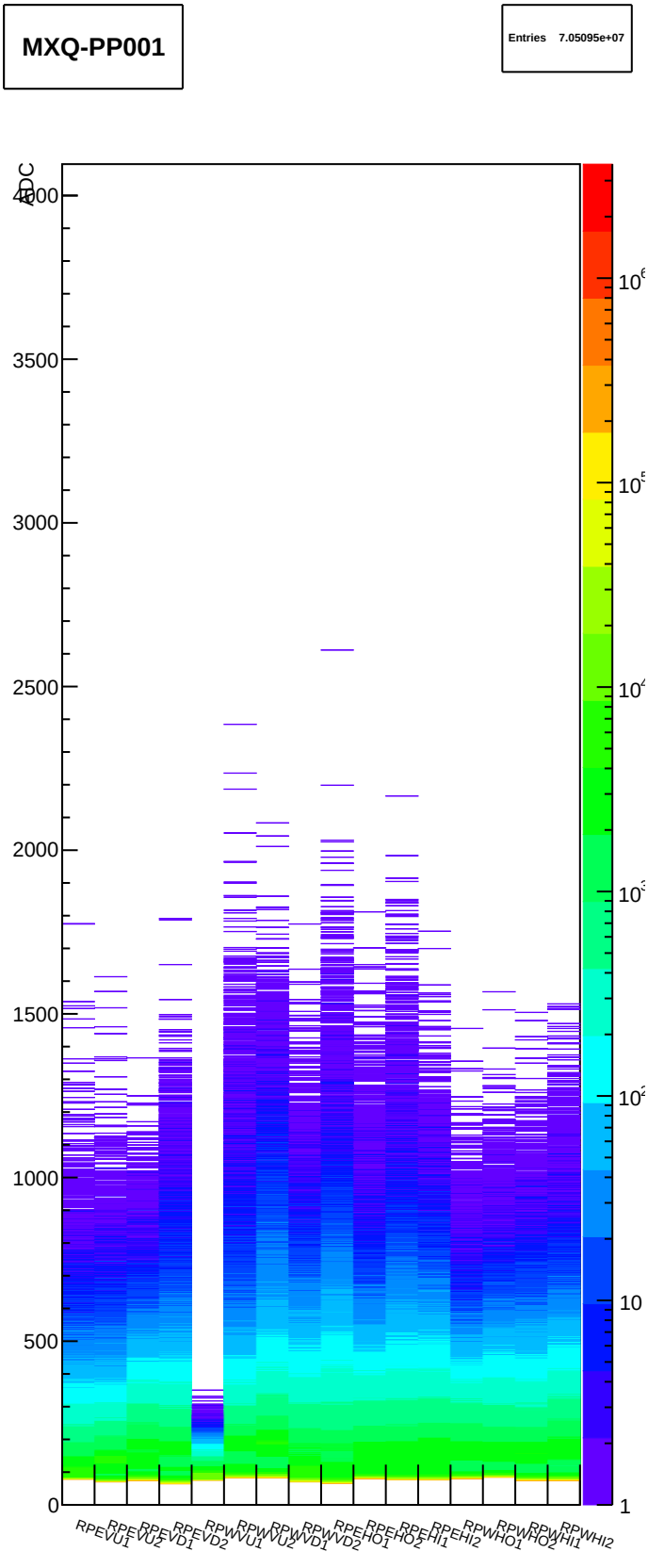

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 8813688
TAC sum
1st-Best
2nd-Best
ID

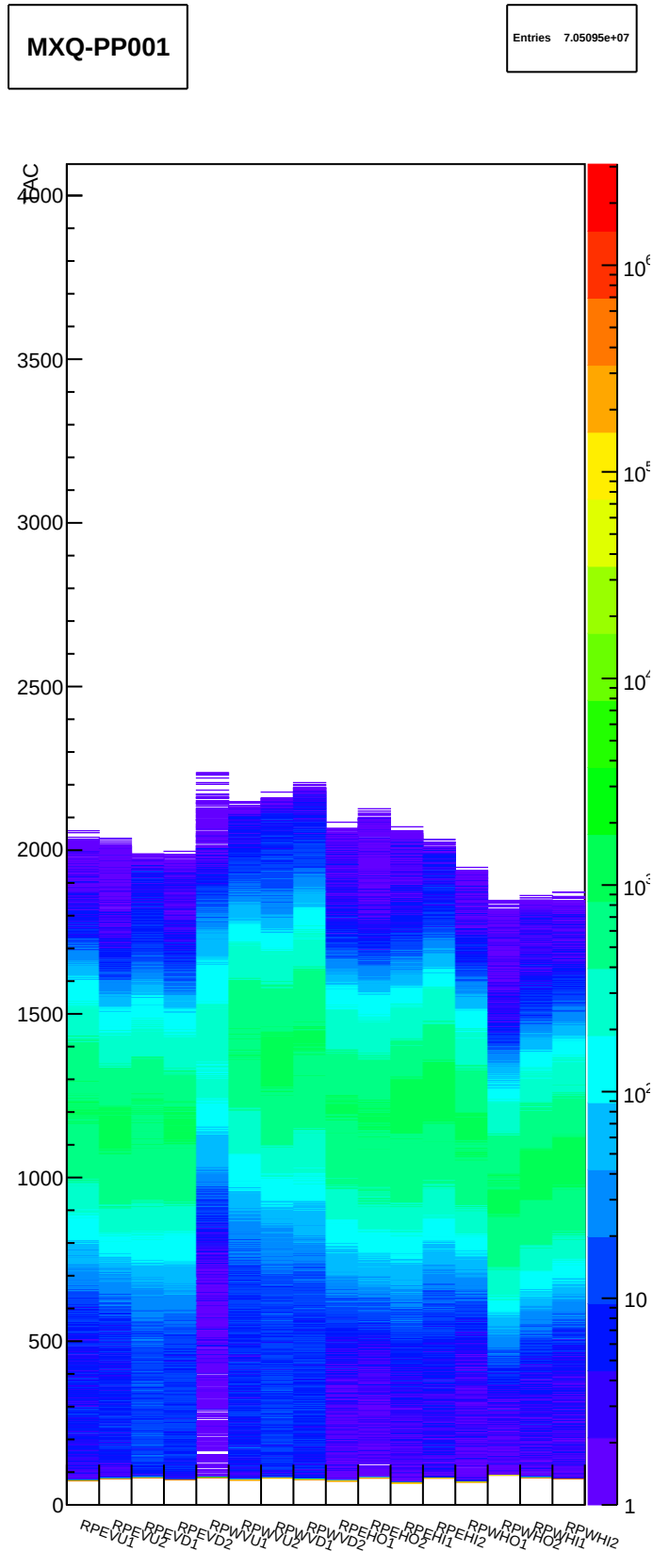

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 8813688
TAC sum
1st-Best
2nd-Best
ID

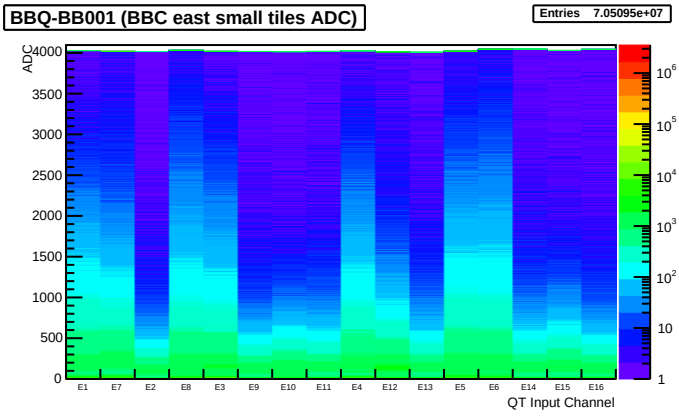

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 8813688
TAC sum
1st-Best
2nd-Best
ID

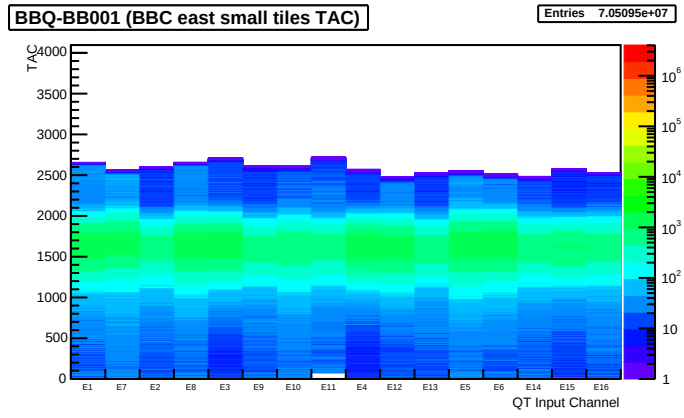

MIX-MT102 Input: VP003 Max TAC
Entries 4406844

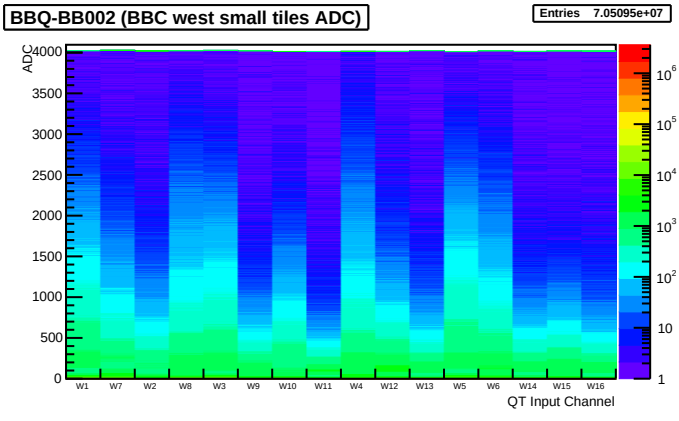

MIX-MT102 Input: VP004 Max TAC
Entries 4406844

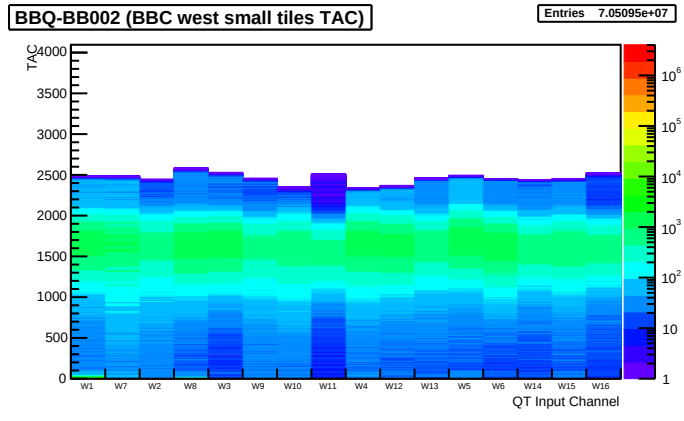

MXQ-PP001
Entries 7.05095e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

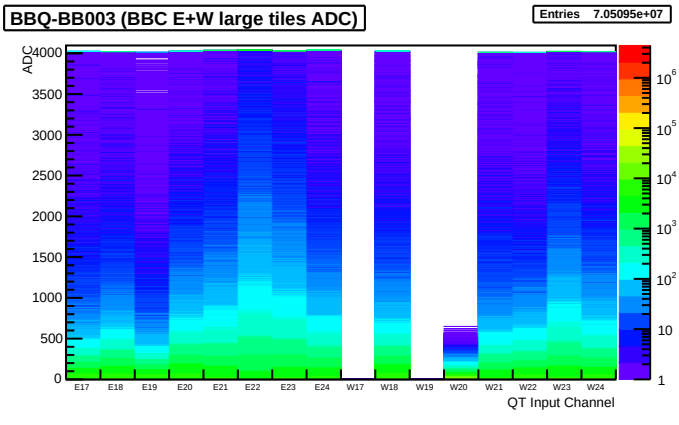

MXQ-PP001
Entries 7.05095e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

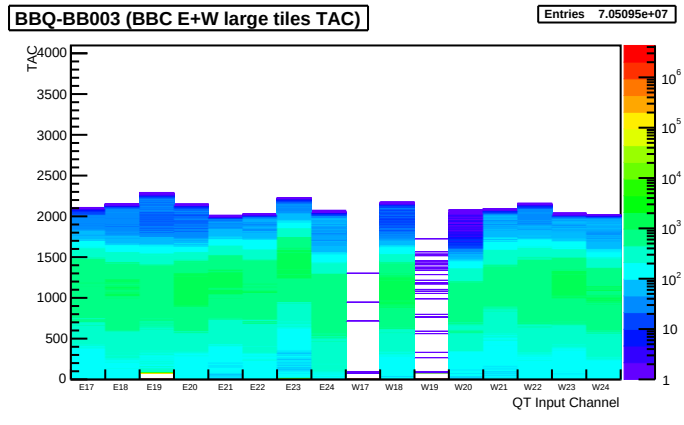

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.05095e+07
ADC
QT Input Channel

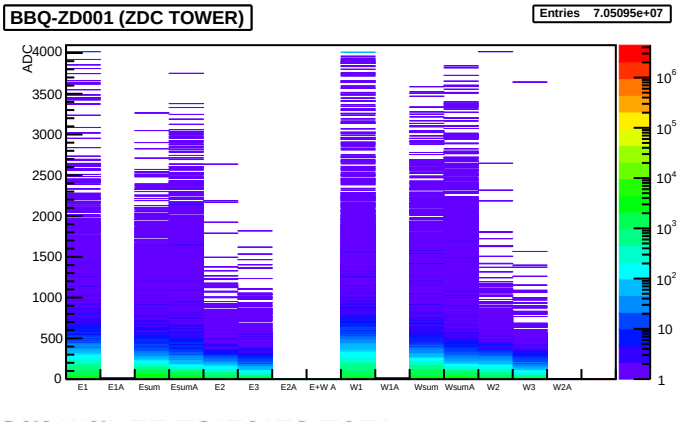

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.05095e+07
TAC
QT Input Channel

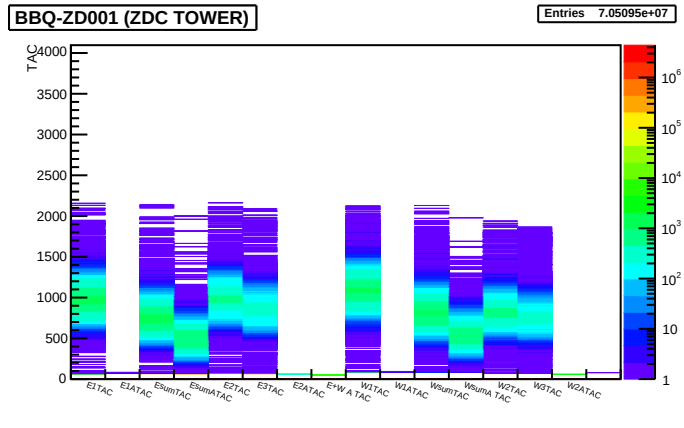

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.05095e+07
ADC
QT Input Channel

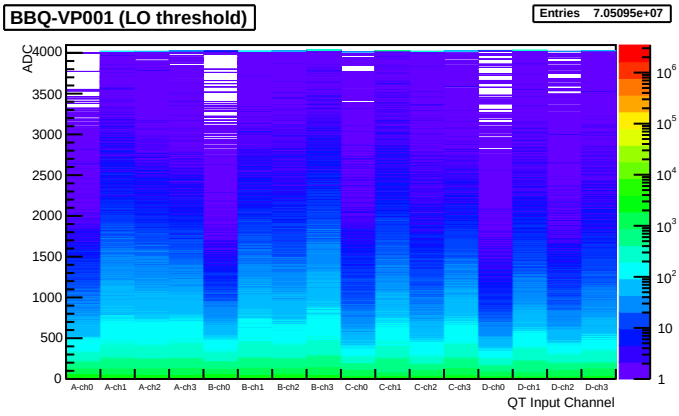

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.05095e+07
TAC
QT Input Channel

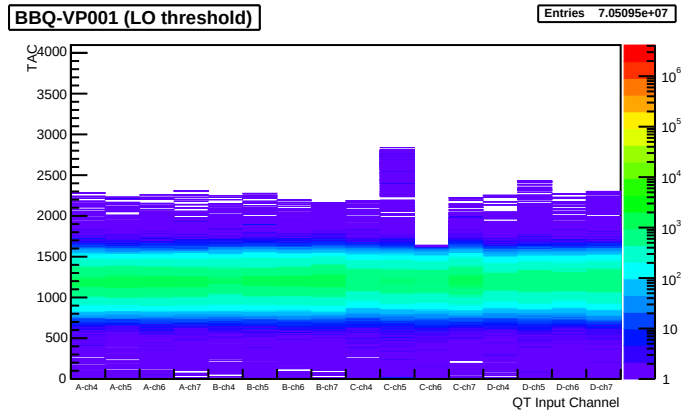

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.05095e+07
ADC
QT Input Channel

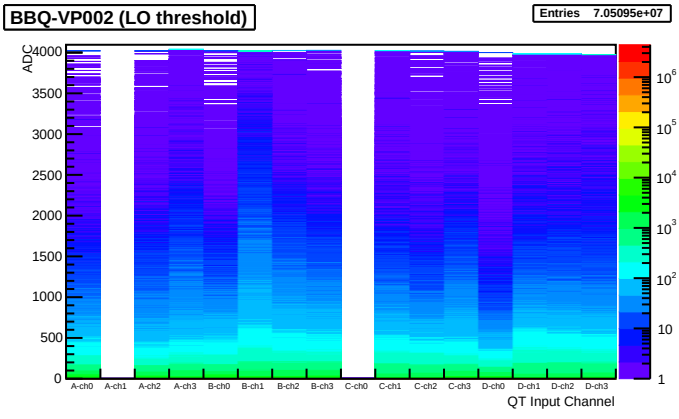

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.05095e+07
TAC
QT Input Channel

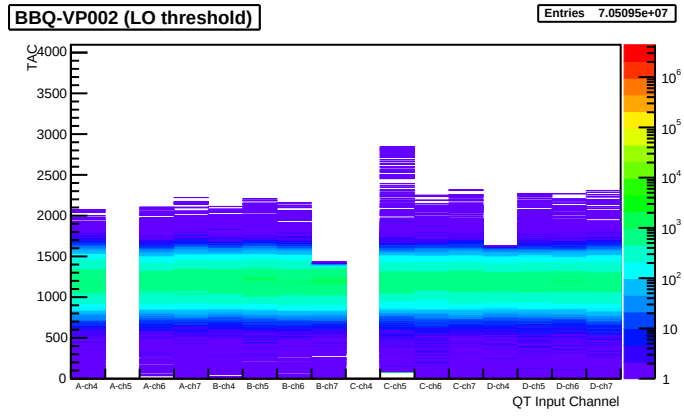

BBQ-ZD001 (ZDC TOWER)
Entries 7.05095e+07
ADC

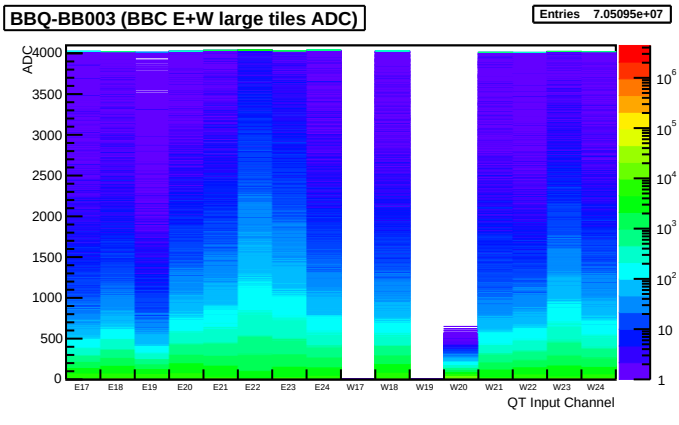

BBQ-ZD001 (ZDC TOWER)
Entries 7.05095e+07
TAC

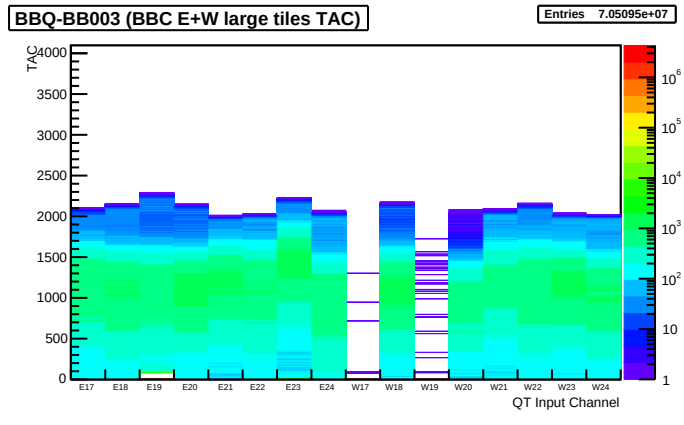

BBQ-VP001 (LO threshold)
Entries 7.05095e+07
ADC
QT Input Channel

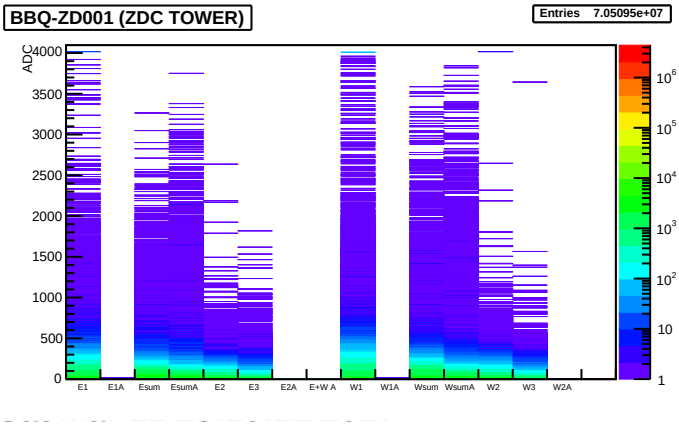

BBQ-VP001 (LO threshold)
Entries 7.05095e+07
TAC
QT Input Channel

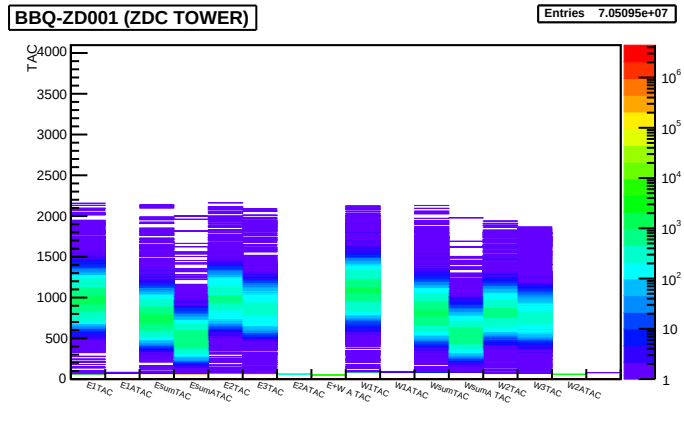

BBQ-VP002 (LO threshold)
Entries 7.05095e+07
ADC
QT Input Channel

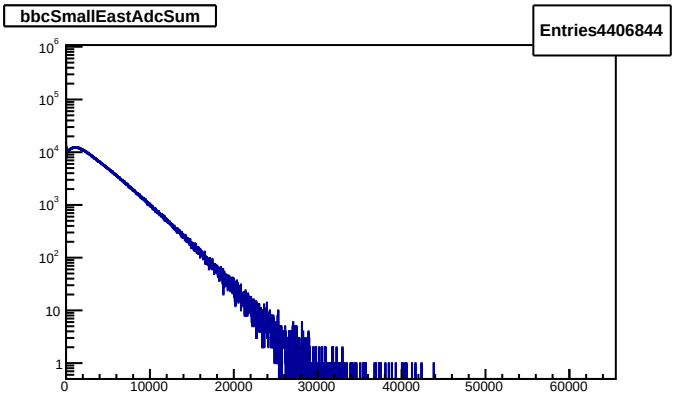

BBQ-VP002 (LO threshold)
Entries 7.05095e+07
TAC
QT Input Channel

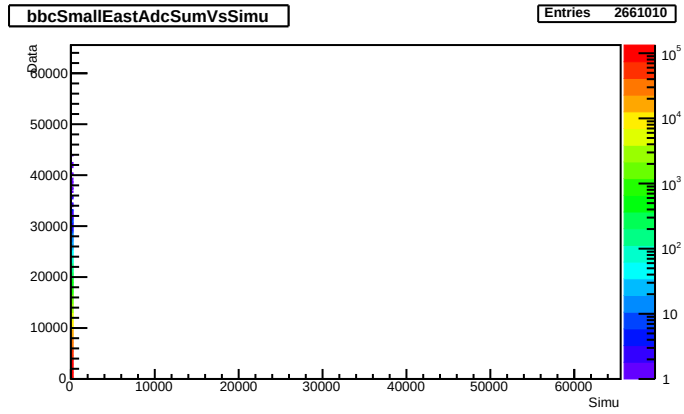

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.05095e+07
ADC
QT Input Channel

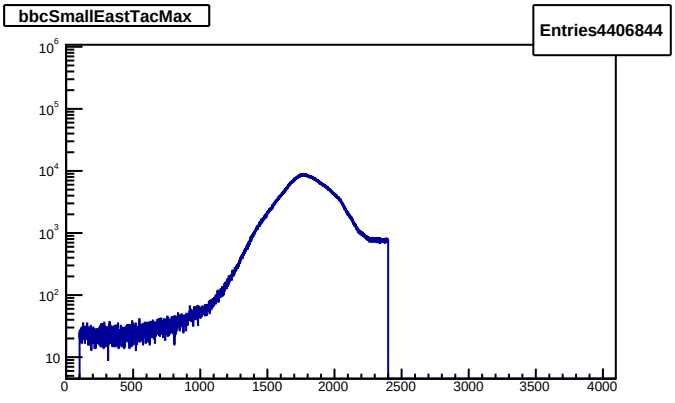

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.05095e+07
TAC
QT Input Channel

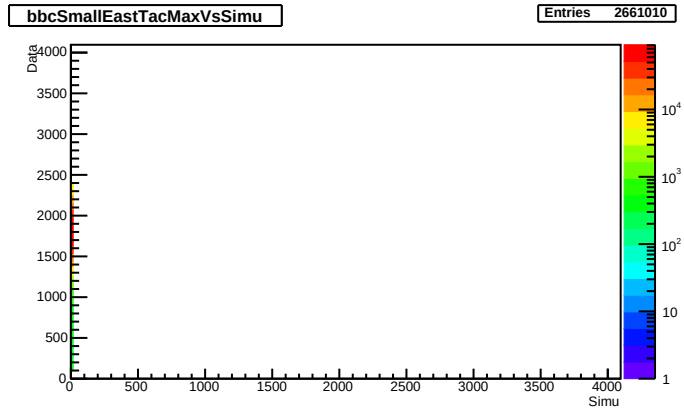

BBQ-ZD001 (ZDC TOWER)
Entries 7.05095e+07
ADC

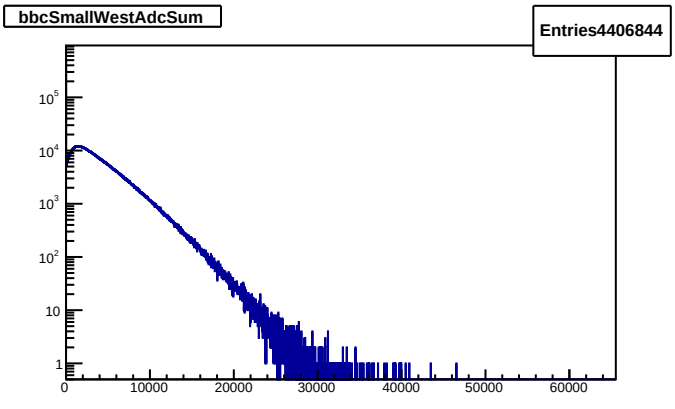

BBQ-ZD001 (ZDC TOWER)
Entries 7.05095e+07
TAC

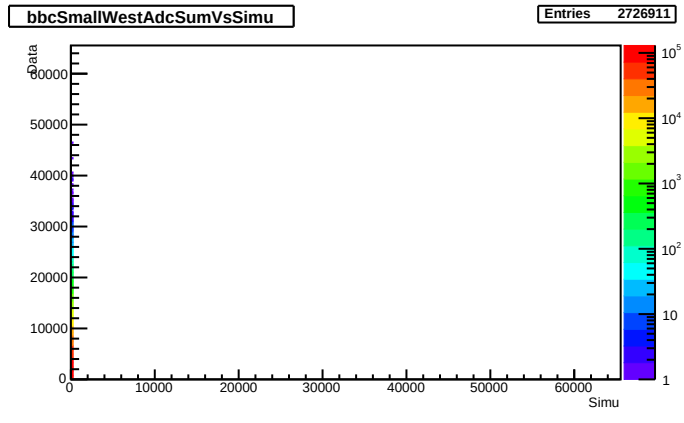

bbcSmallEastAdcSum
Entries4406844

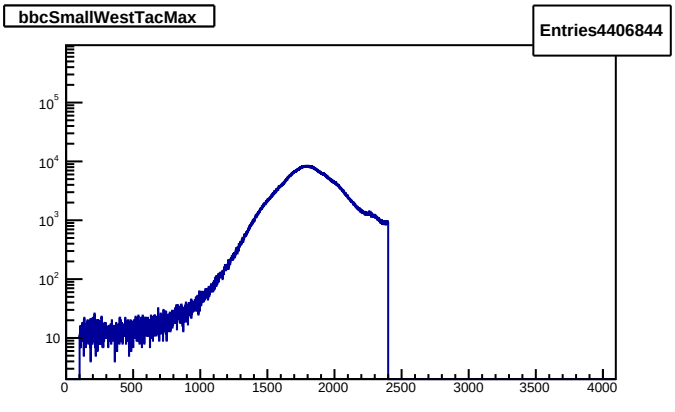

bbcSmallEastAdcSumVsSimu
Entries 2661010
Data
Simu

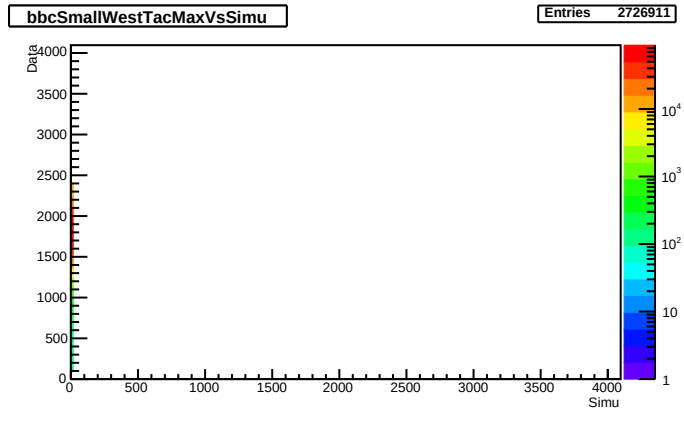

bbcSmallEastTacMax
Entries4406844

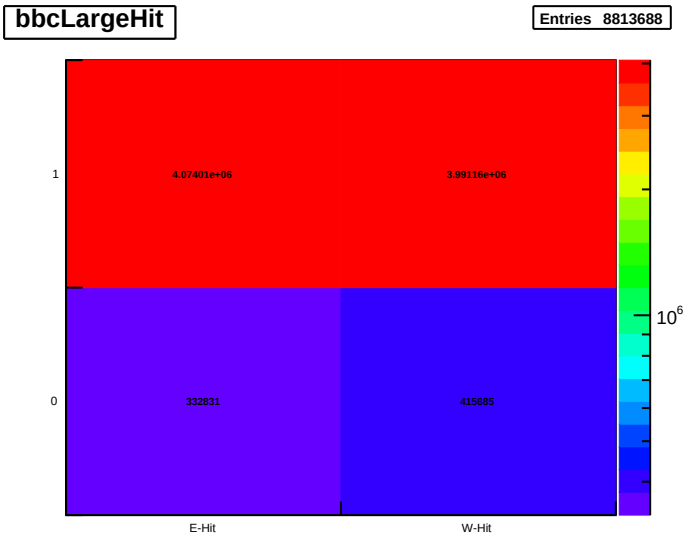

bbcSmallEastTacMaxVsSimu
Entries 2661010
Data
Simu

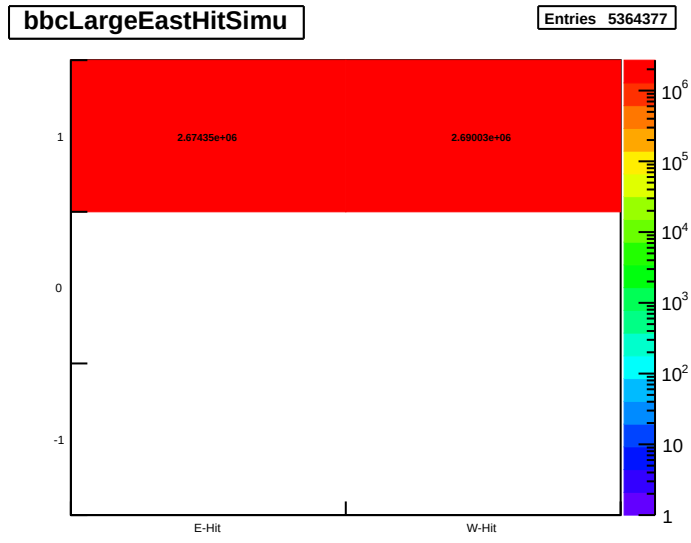

bbcSmallWestAdcSum
Entries4406844

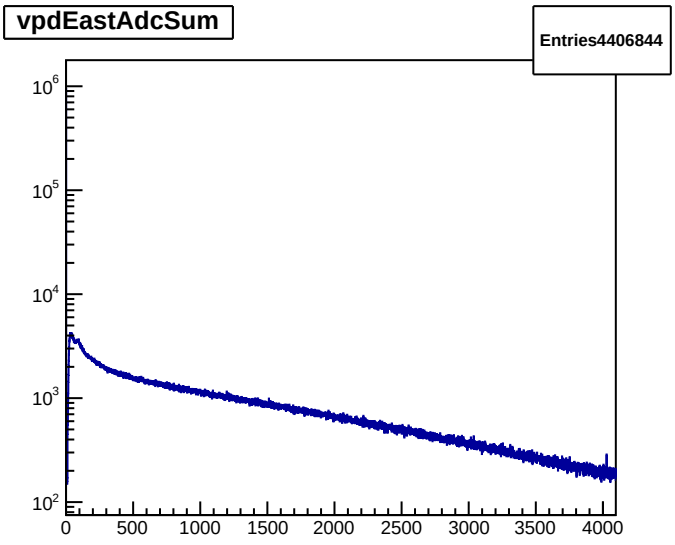

bbcSmallWestAdcSumVsSimu
Entries 2726911
Data
Simu

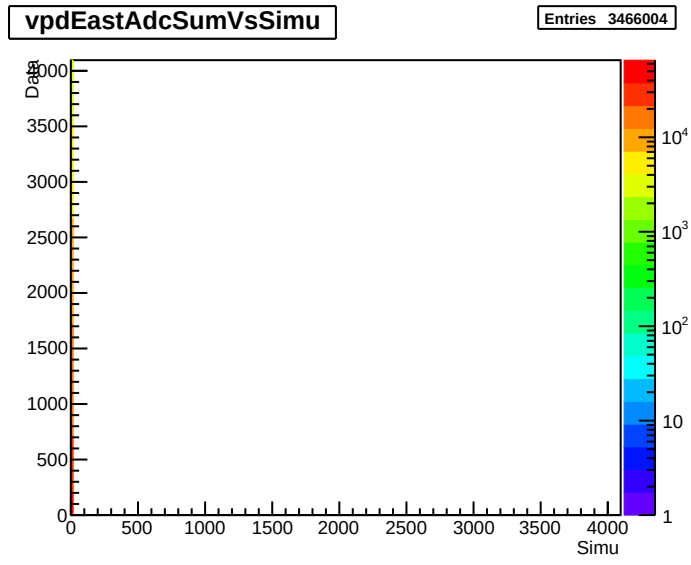

bbcSmallWestTacMax
Entries4406844

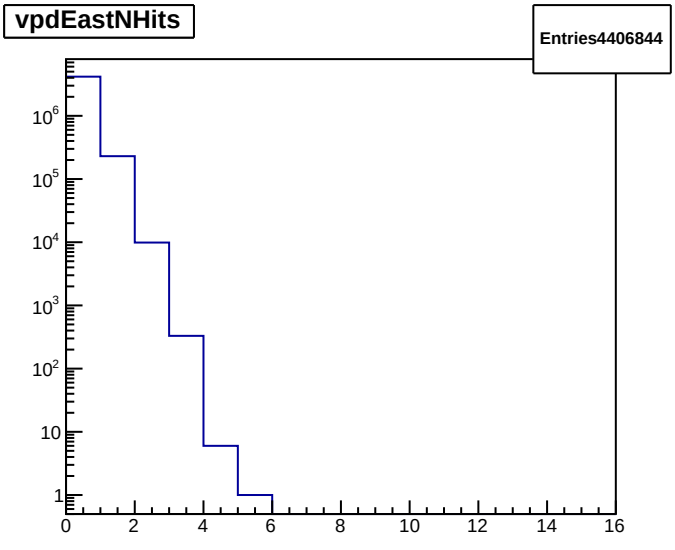

bbcSmallWestTacMaxVsSimu
Entries 2726911
Data
Simu

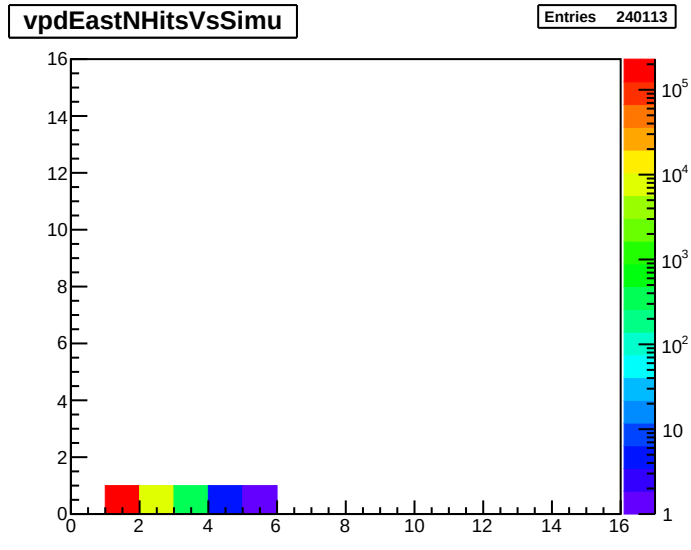

bbcLargeHit
Entries 8813688
1
0
4.07401e+06
3.99116e+06
332831
415685
E-Hit
W-Hit
10^6

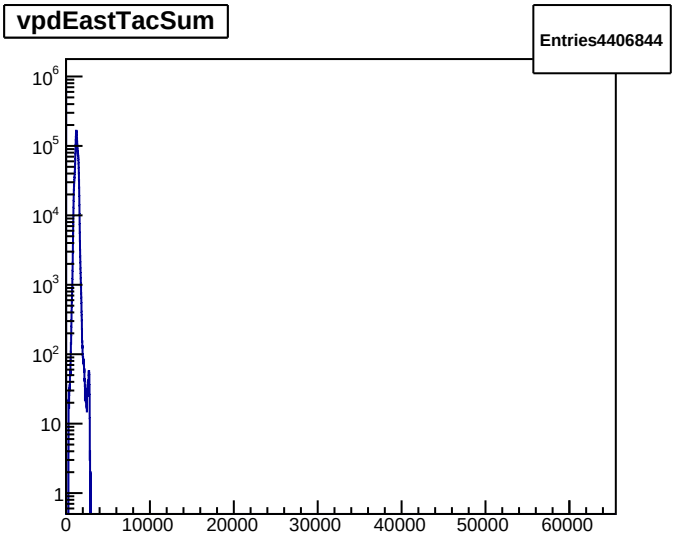

bbcLargeEastHitSimu
Entries 5364377
1
0
-1
2.67435e+06
2.69003e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

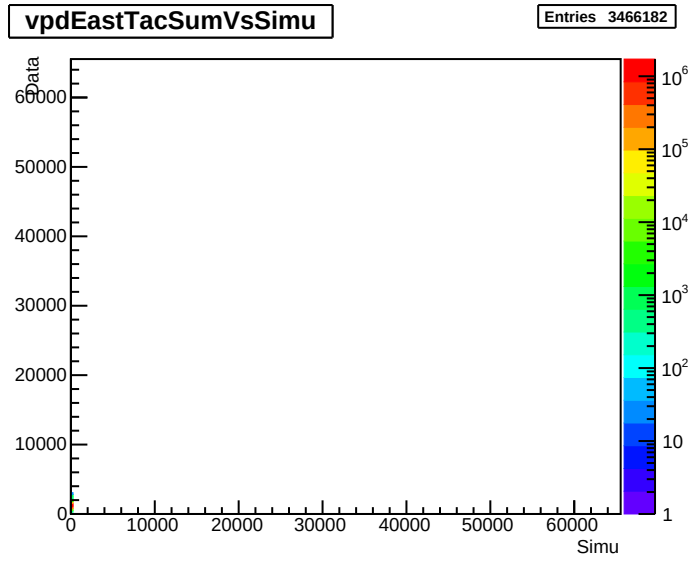

vpdEastAdcSum
Entries4406844

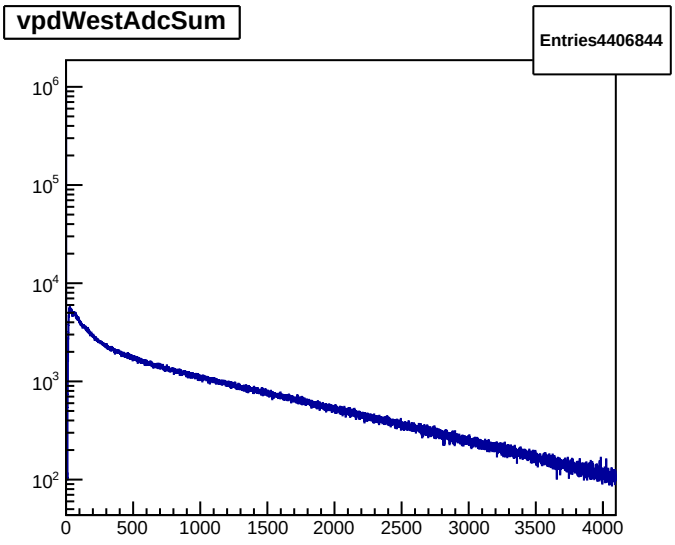

vpdEastAdcSumVsSimu
Entries 3466004
Data
Simu

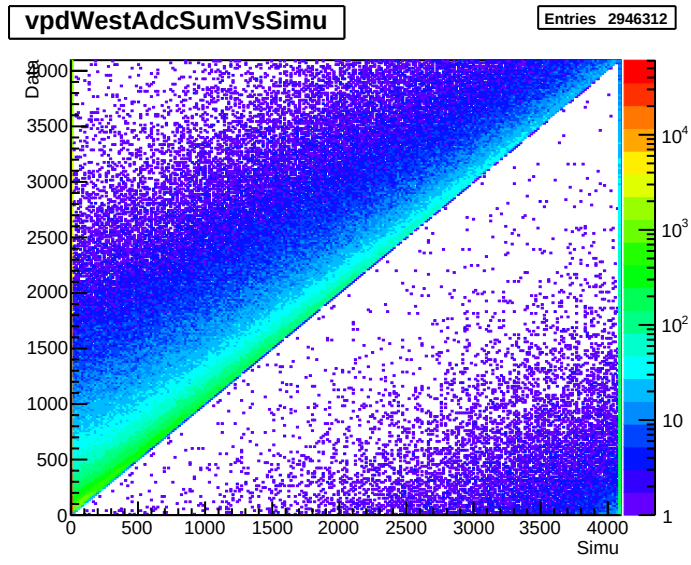

vpdEastNHits
Entries4406844

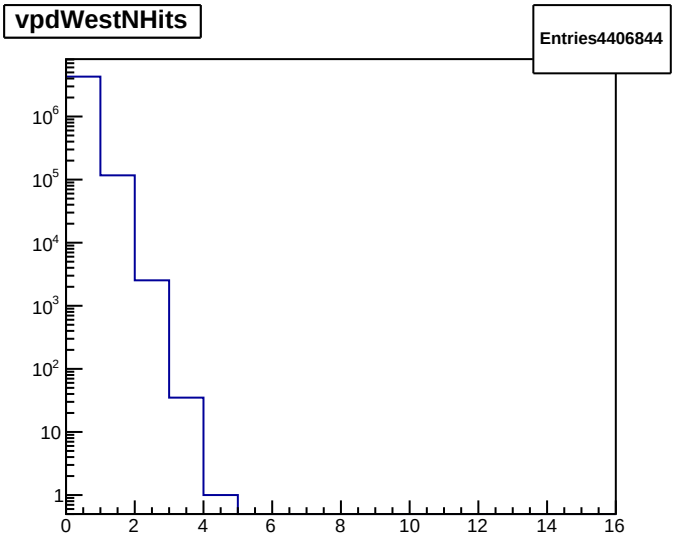

vpdEastNHitsVsSimu
Entries 240113

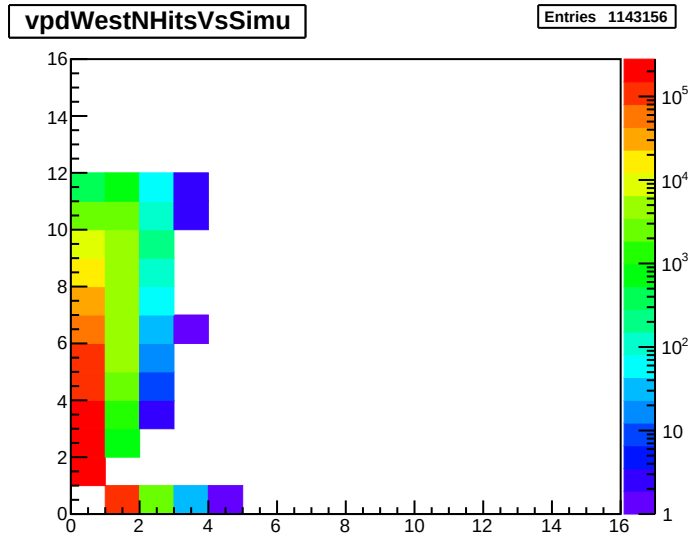

vpdEastTacSum
Entries4406844

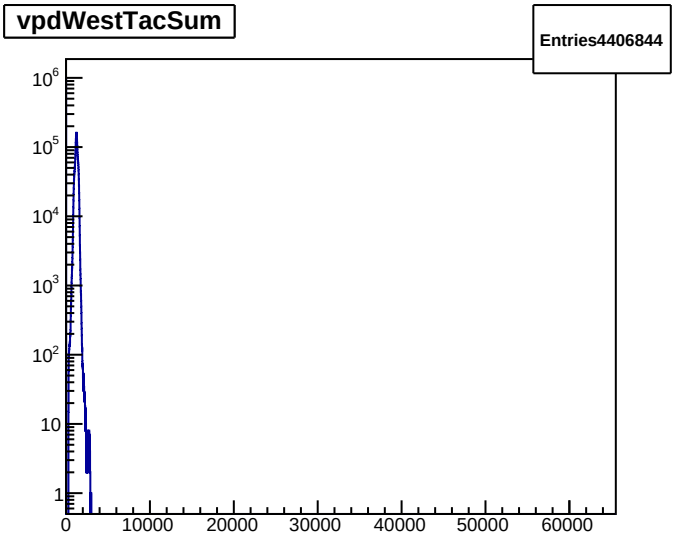

vpdEastTacSumVsSimu
Entries 3466182
Data
Simu

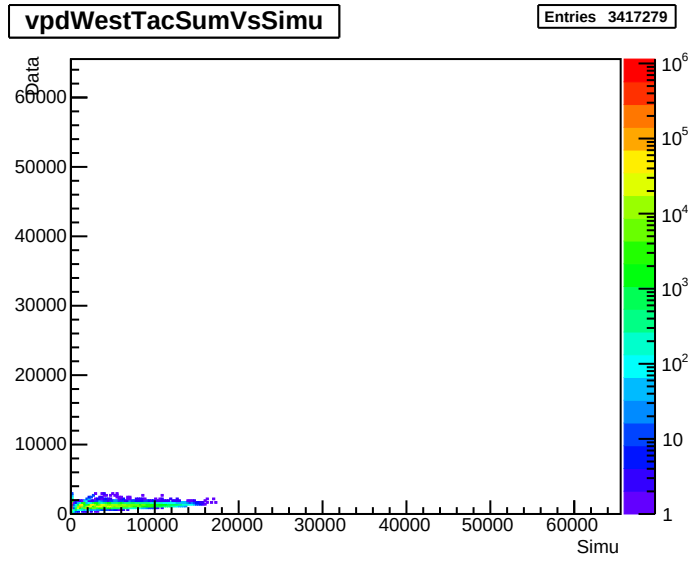

vpdWestAdcSum
Entries4406844

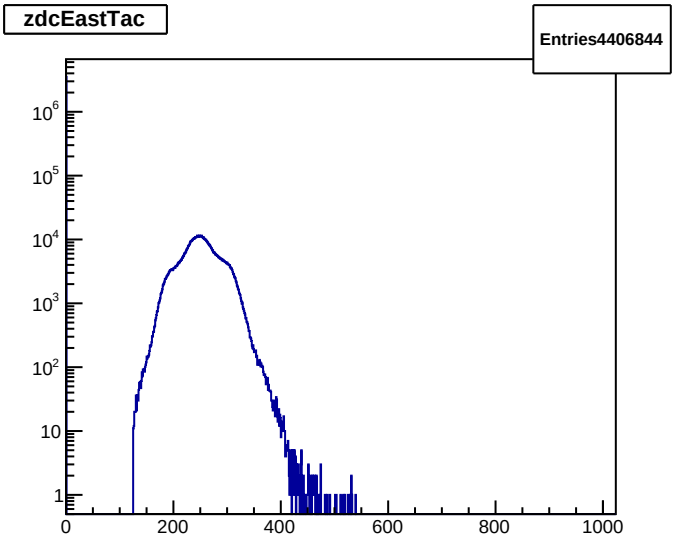

vpdWestAdcSumVsSimu
Entries 2946312
Data
Simu

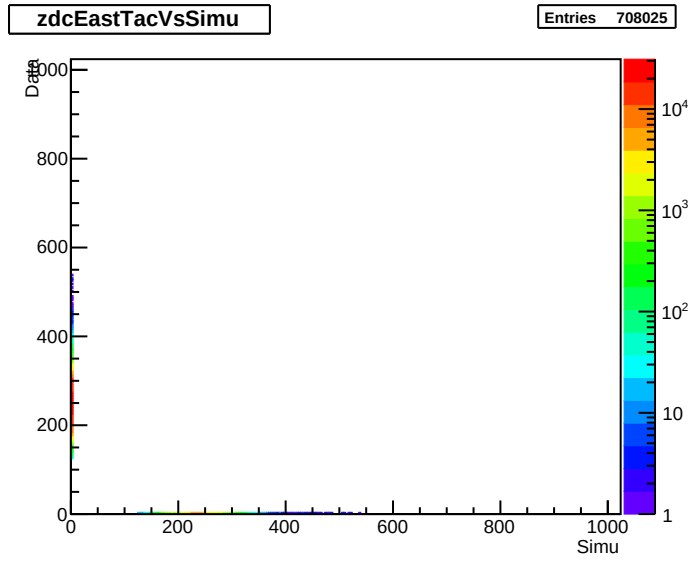

vpdWestNHits
Entries4406844

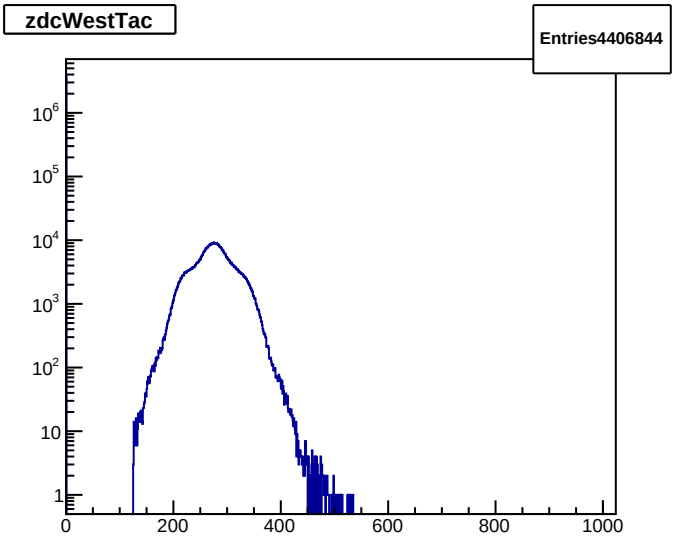

vpdWestNHitsVsSimu
Entries 1143156

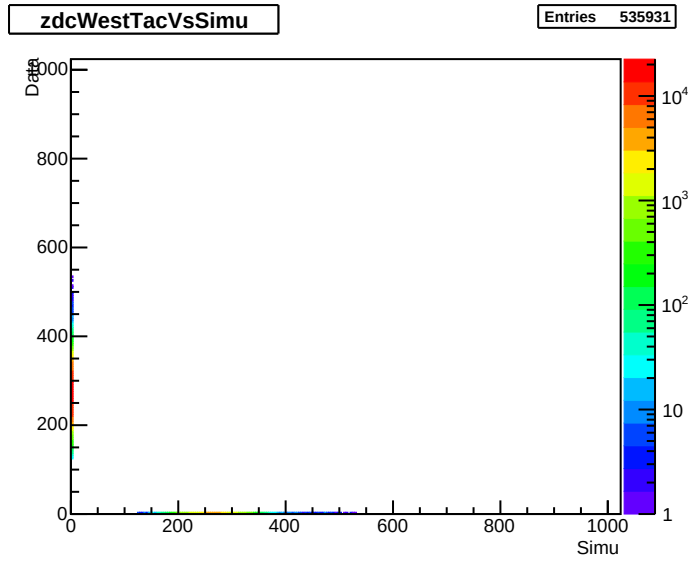

vpdWestTacSum
Entries4406844

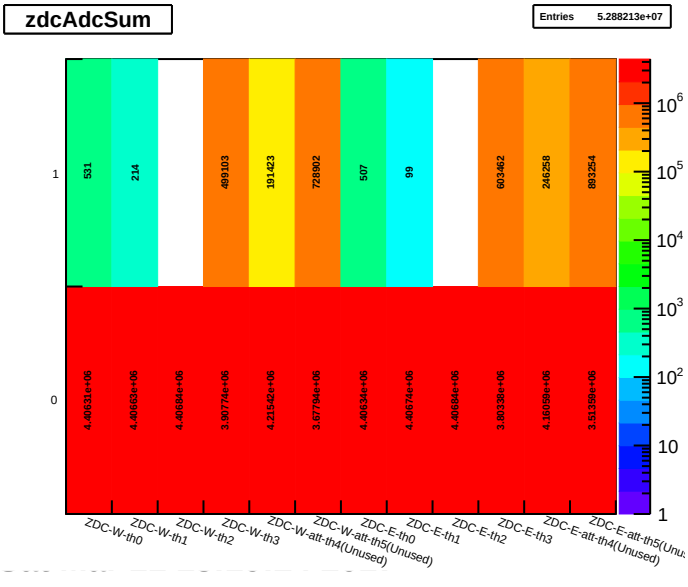

vpdWestTacSumVsSimu
Entries 3417279
Data
Simu

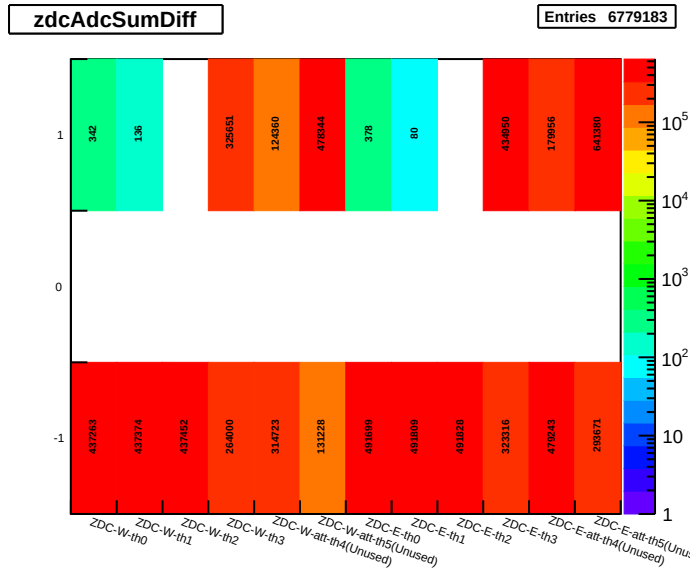

zdcEastTac
Entries4406844

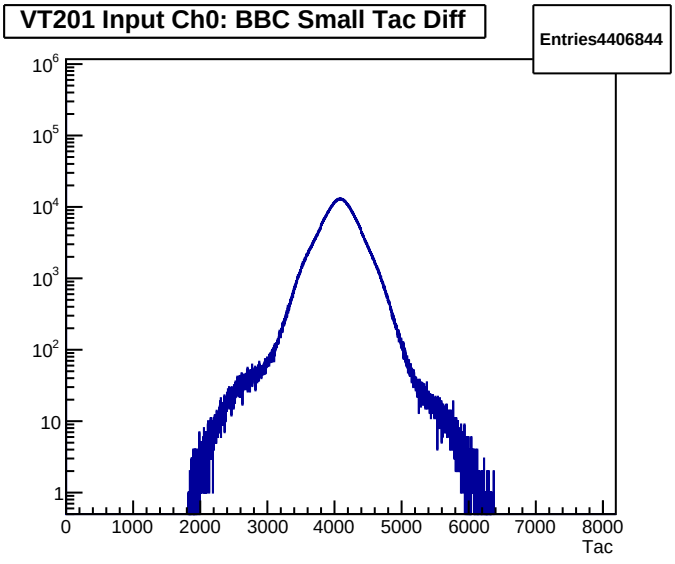

zdcEastTacVsSimu
Entries 708025
Data
Simu

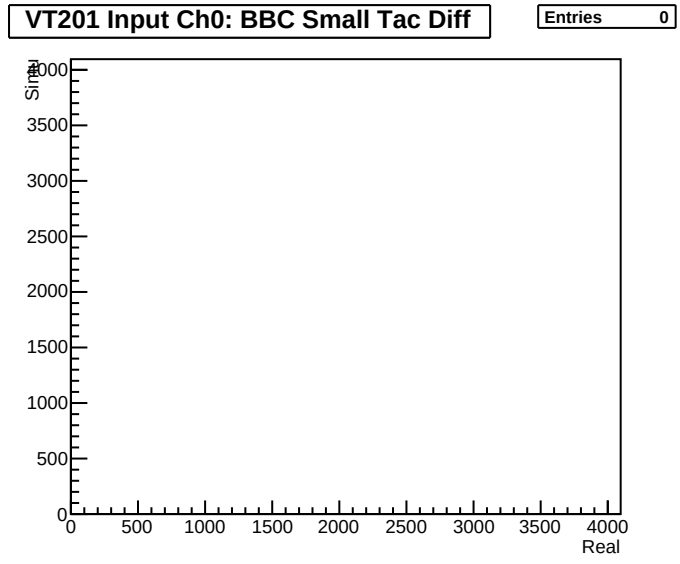

zdcWestTac
Entries4406844

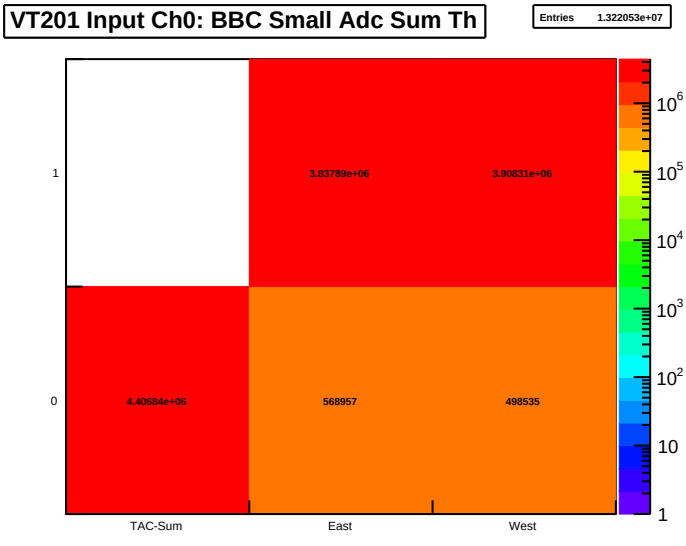

zdcWestTacVsSimu
Entries 535931
Data
Simu

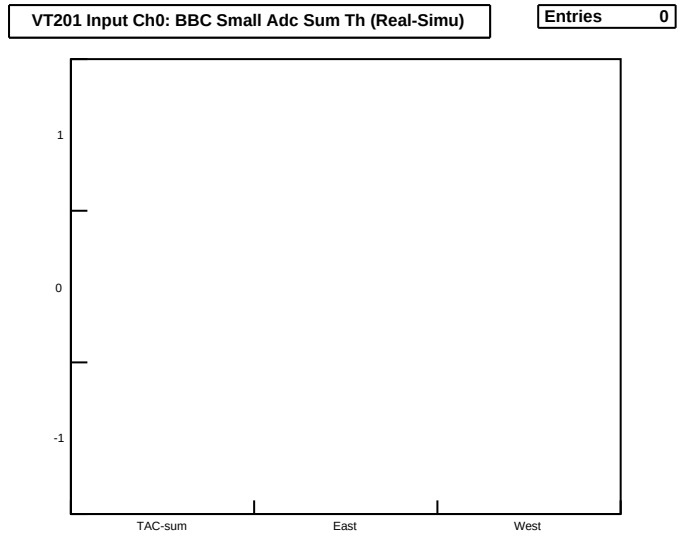

zdcAdcSum
Entries 5.288213e+07
531
214
499103
191423
728902
507
99
603462
246258
893254
4.40631e+06
4.40663e+05
4.40684e+06
3.90774e+06
4.21542e+06
3.67794e+05
4.40634e+06
4.40674e+06
4.40684e+05
3.80338e+06
4.10059e+06
3.51359e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

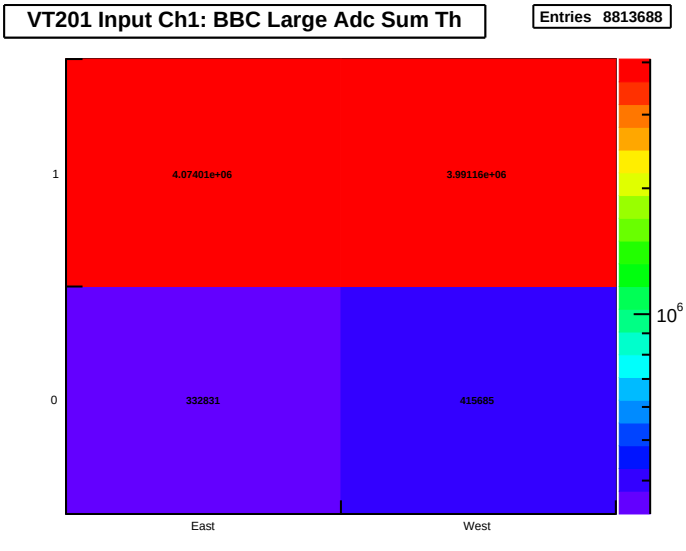

zdcAdcSumDiff
Entries 6779183
342
136
325651
124360
478344
378
80
434950
179956
641380
437263
437374
437452
264000
314723
131228
491699
491809
491828
323316
478243
293671
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

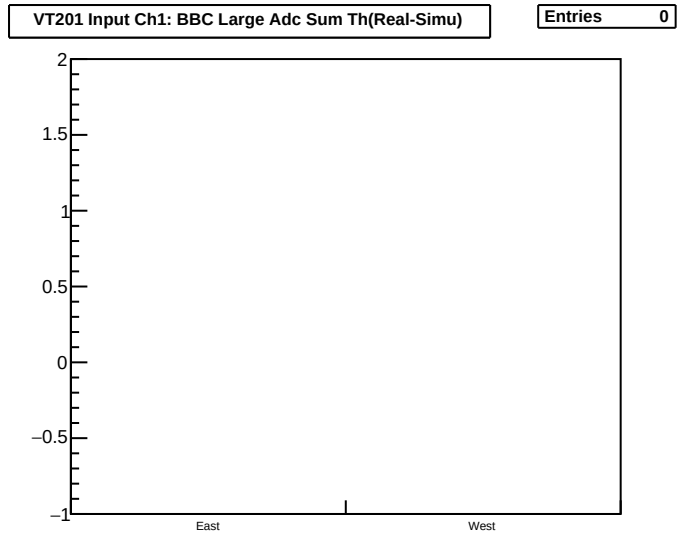

VT201 Input Ch0: BBC Small Tac Diff
Entries4406844
Tac


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

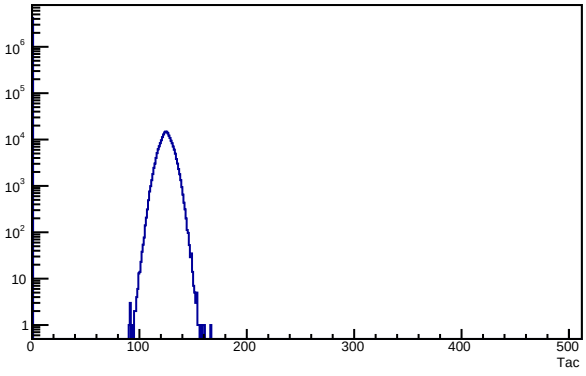

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.322053e+07
3.83789e+06
3.90831e+06
4.40684e+06
568957
498535
TAC-Sum
East
West


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

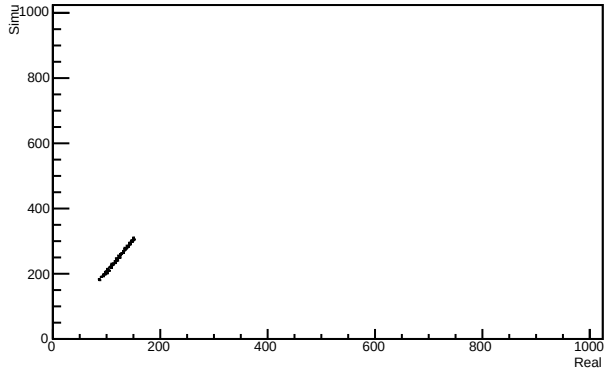

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 8813688
4.07401e+06
3.99116e+06
332831
415685
East
West


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

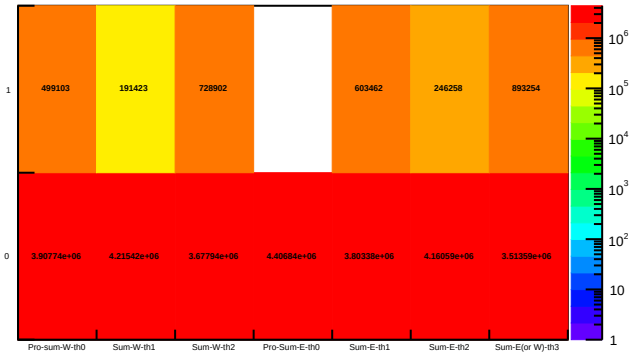
VT201 Input Ch2: ZDC Tac Diff



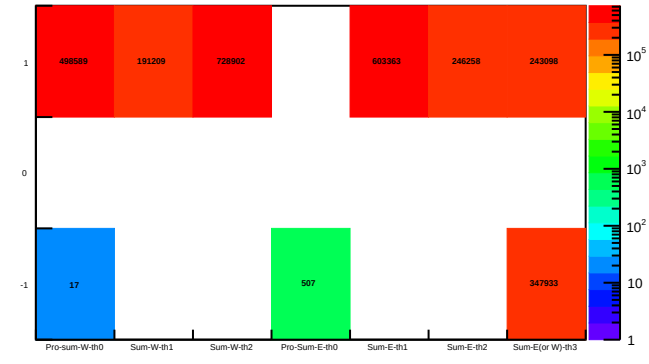
VT201 Input Ch2: ZDC Tac Diff



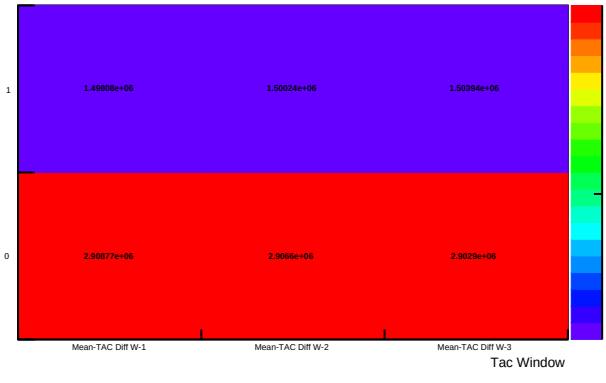
VT201 Input Ch2: ZDC Adc Sum Th



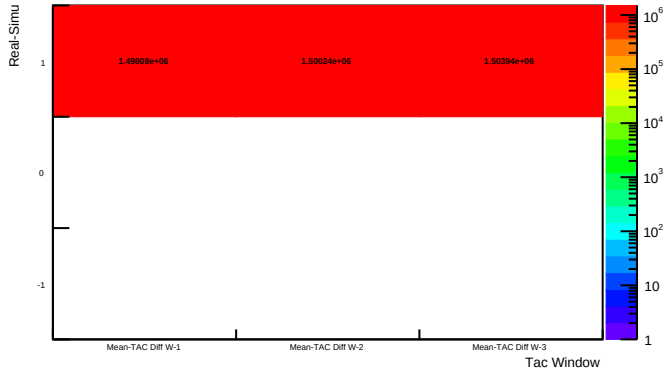
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



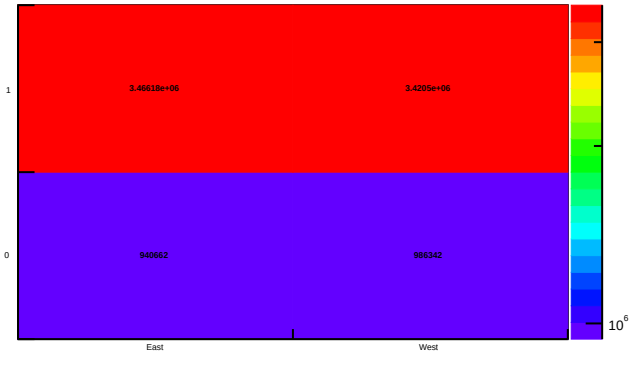
VT201 Input Ch4: VPD Tac Diff



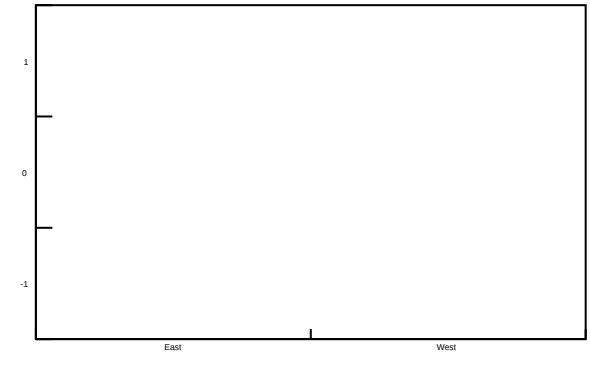
VT201 Input Ch4: VPD Tac Diff

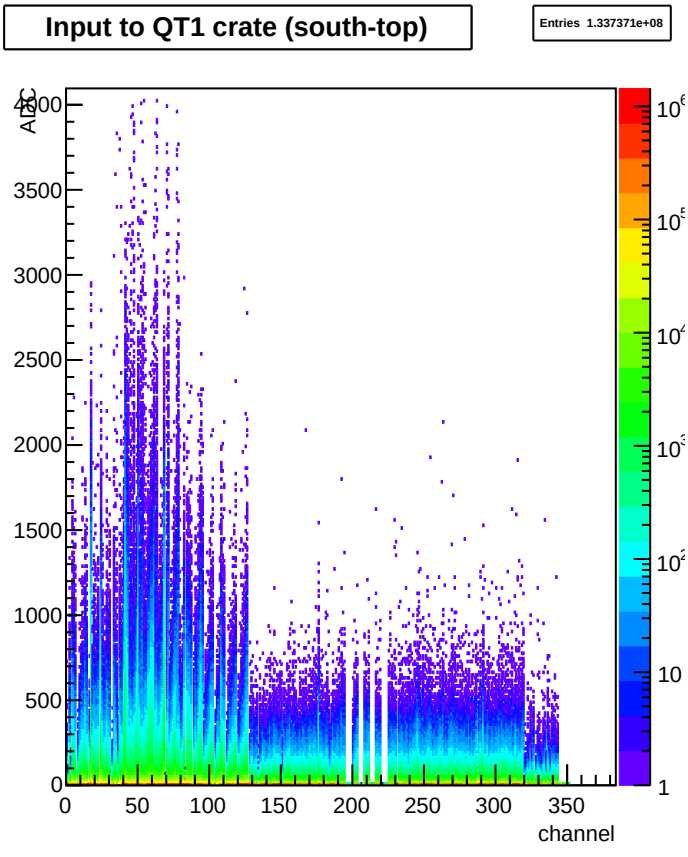


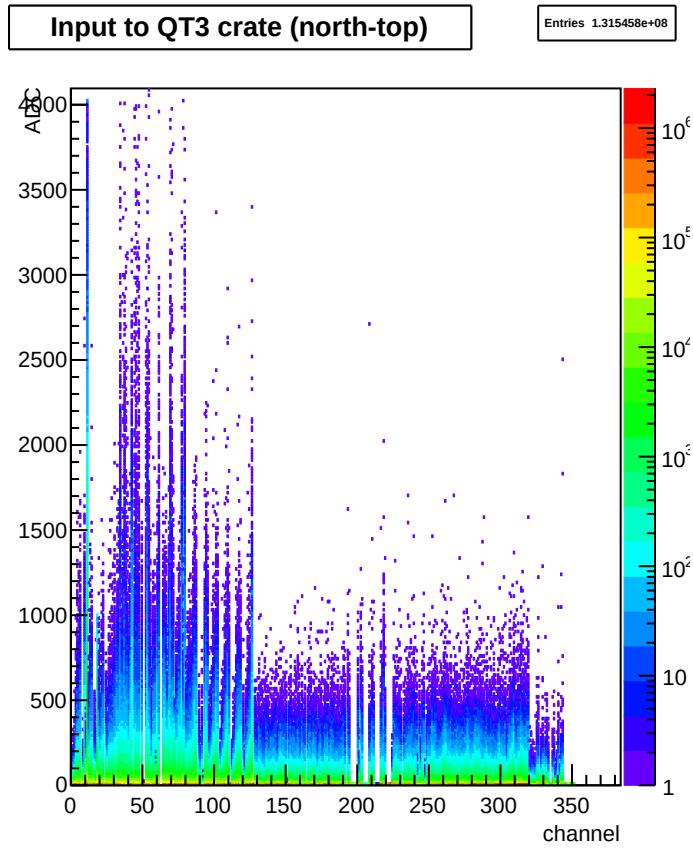
VT201 Input Ch4: VPD Adc Sum Th

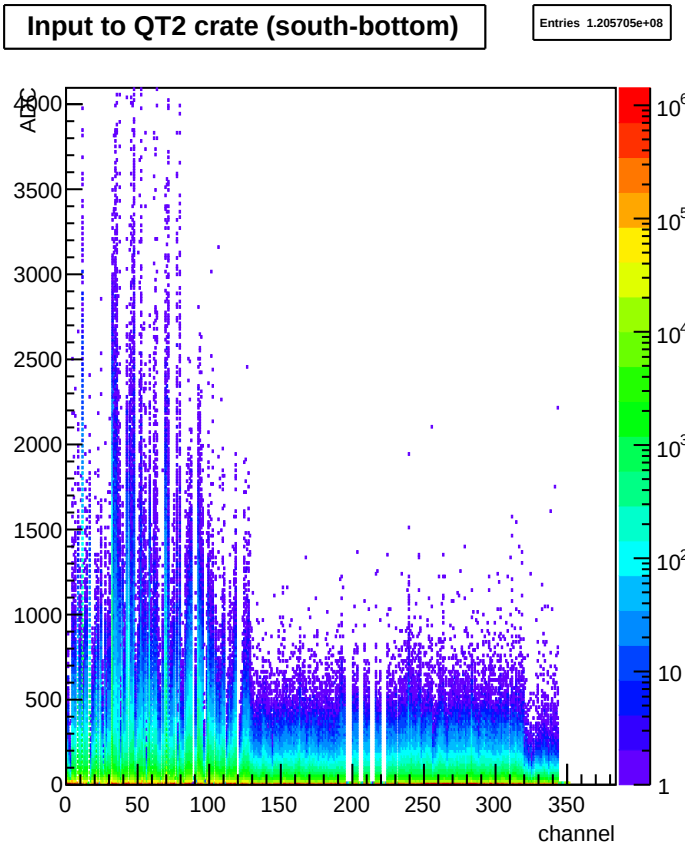


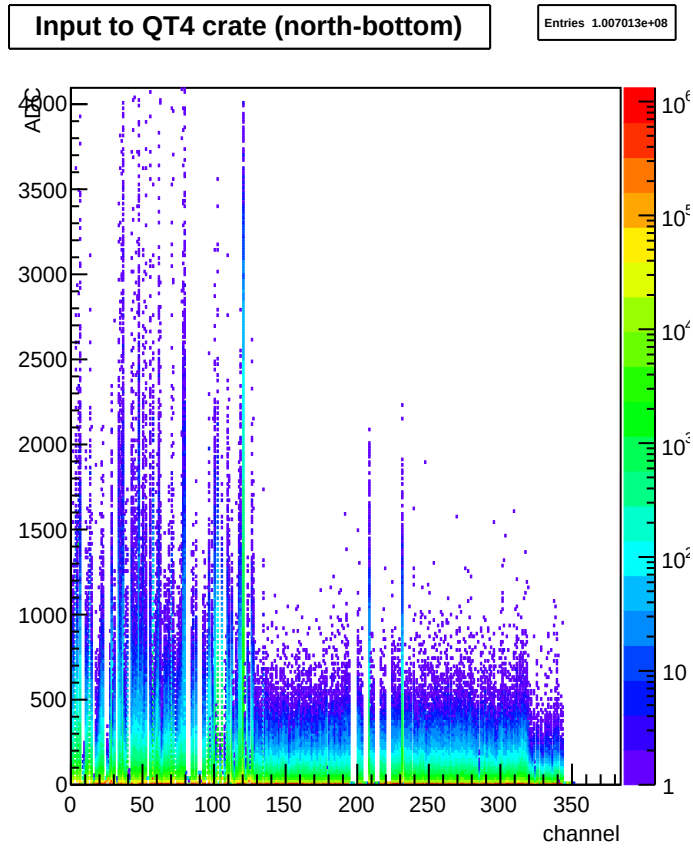
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

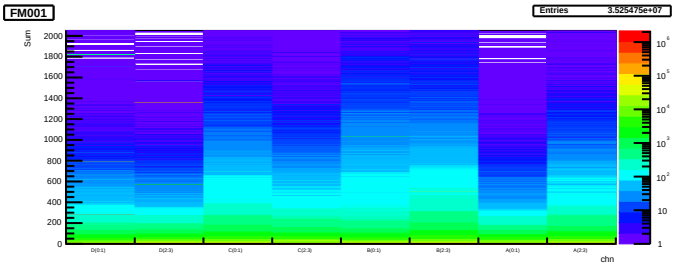


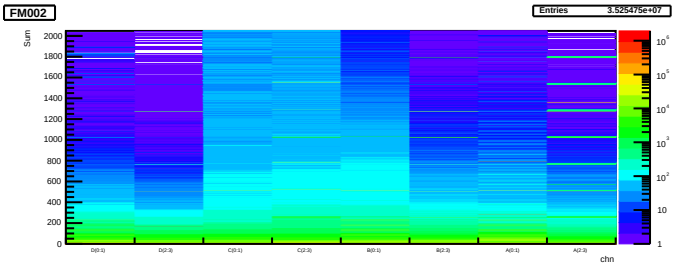

Input to QT1 crate (south-top)
Entries 1.337371e+08
ADC
channel

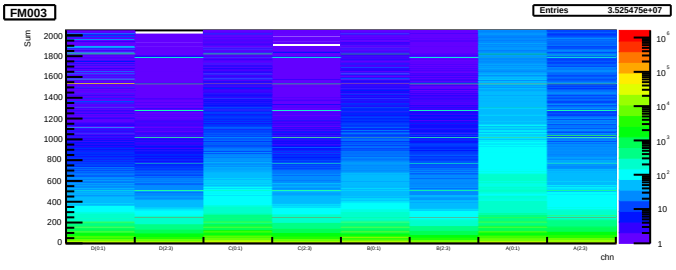

Input to QT3 crate (north-top)
Entries 1.315458e+08
ADC
channel

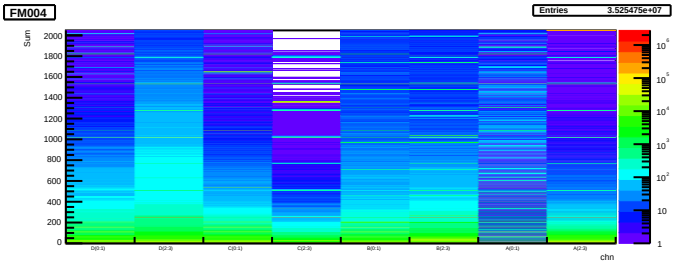

Input to QT2 crate (south-bottom)
Entries 1.205705e+08
ADC
channel

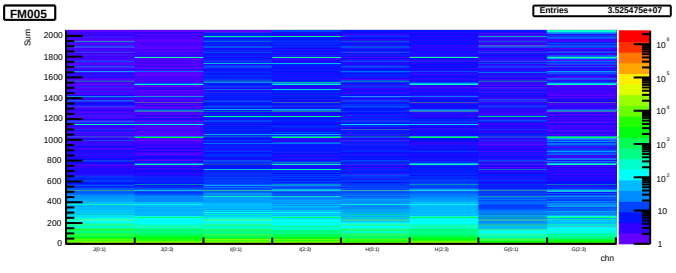

Input to QT4 crate (north-bottom)
Entries 1.007013e+08
ADC
channel

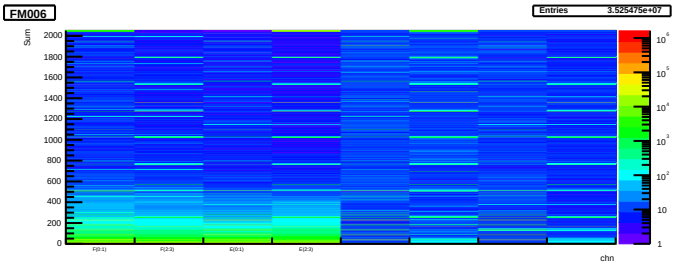

FM001
Entries 3.525475e+07
Sum
chn

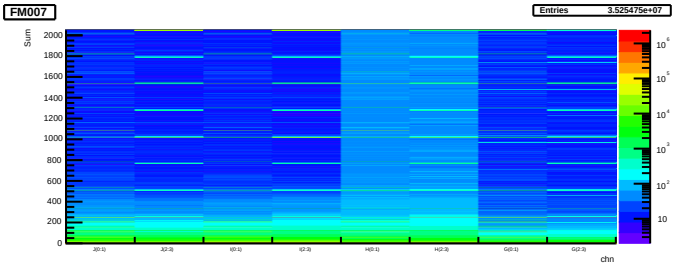

FM002
Entries 3.525475e+07
Sum
chn

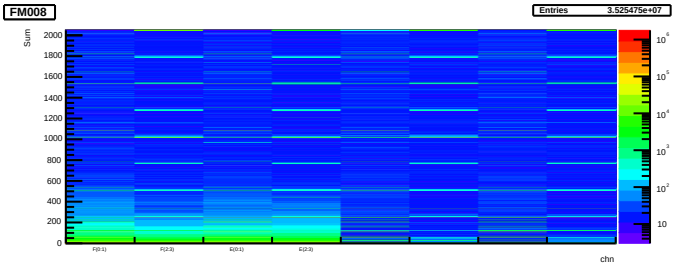

FM003
Entries 3.525475e+07
Sum
chn

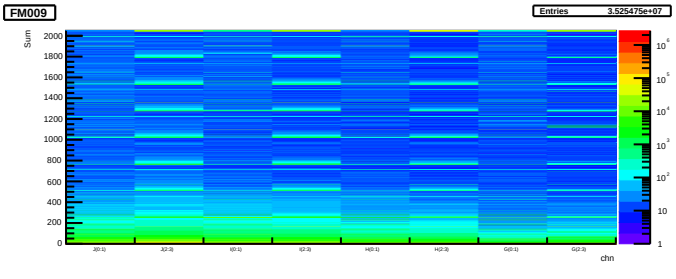

FM004
Entries 3.525475e+07
Sum
chn

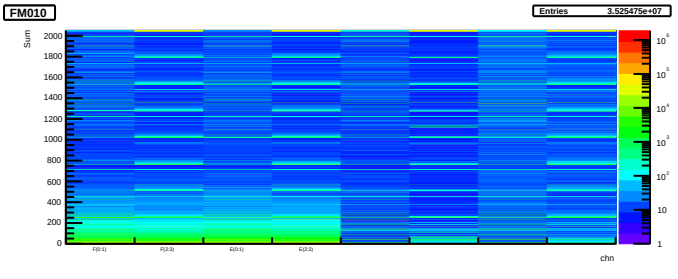

FM005
Entries 3.525475e+07
Sum
chn


FM006
Entries 3.525475e+07
Sum
chn


FM007
Entries 3.525475e+07
Sum
chn


FM008
Entries 3.525475e+07
Sum
chn


FM009
Entries 3.525475e+07
Sum
chn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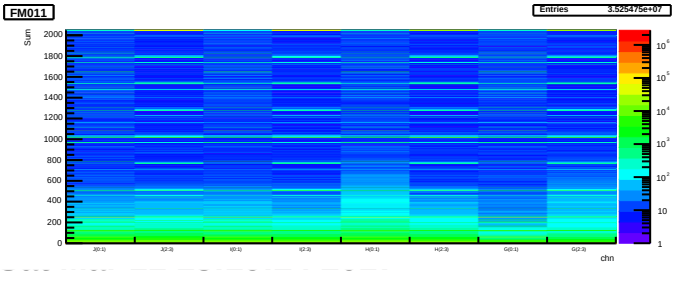
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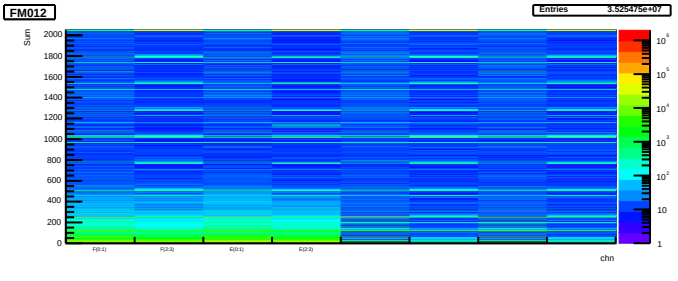
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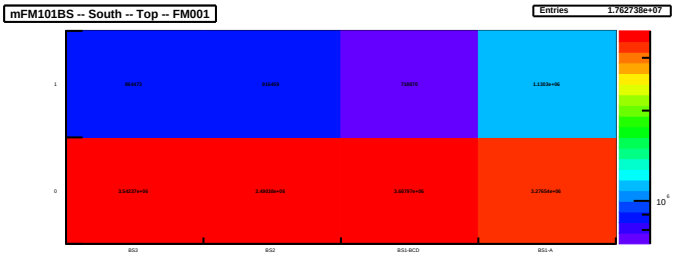
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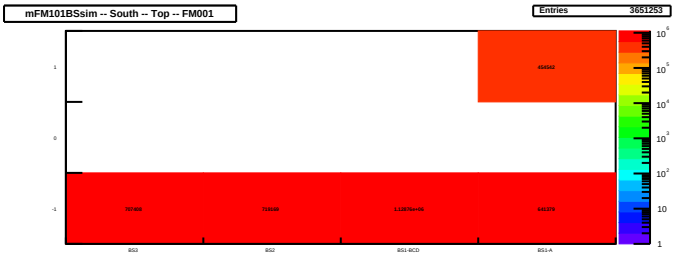
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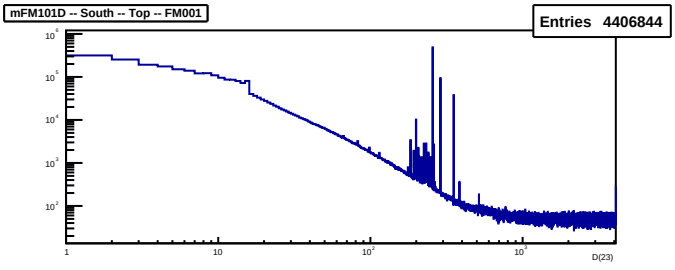
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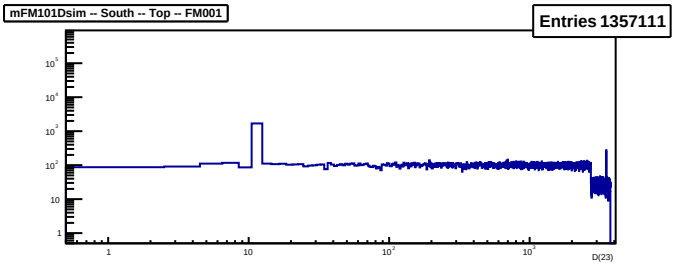
Entries 4406844
D(23)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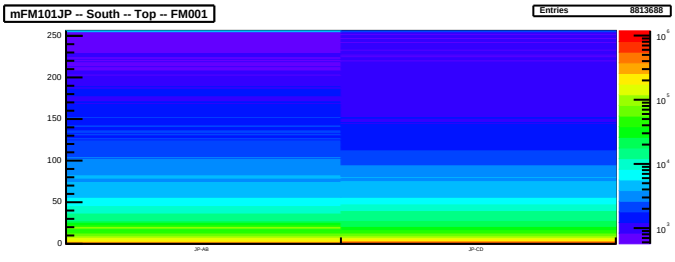
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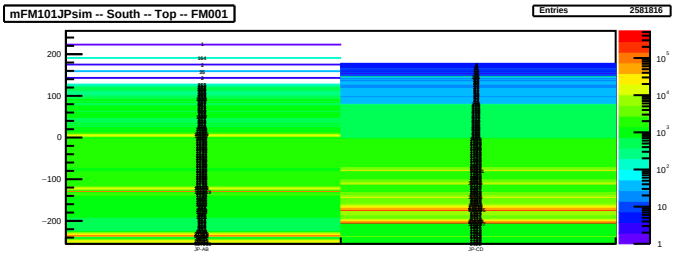
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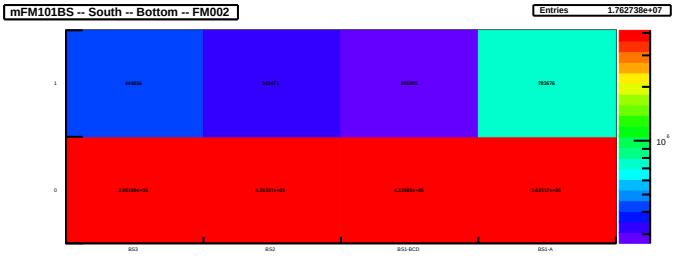
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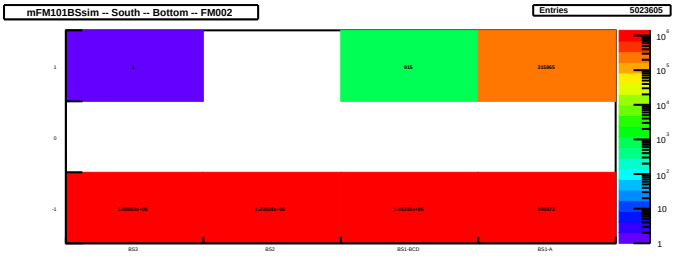
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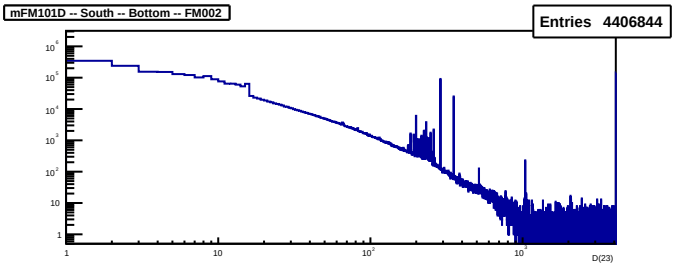
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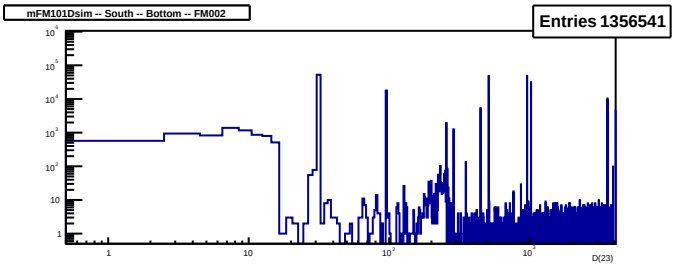
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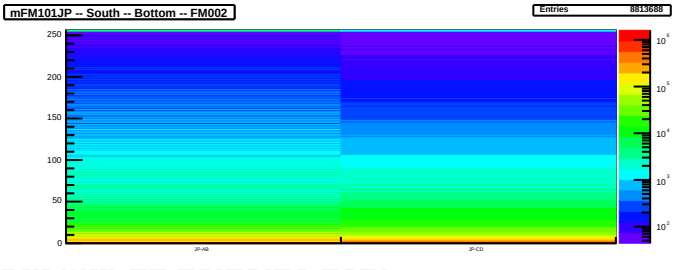
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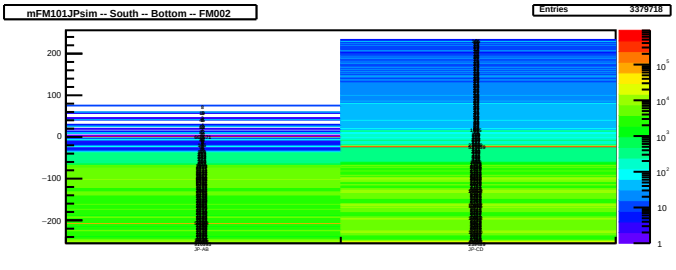
Entries 8813688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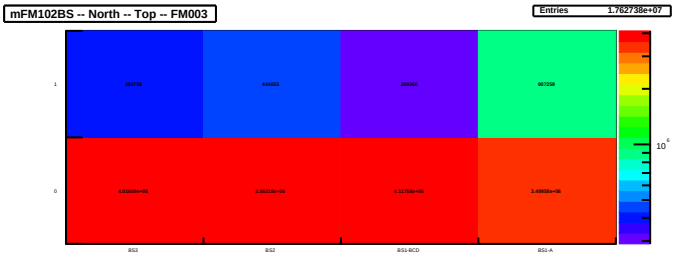
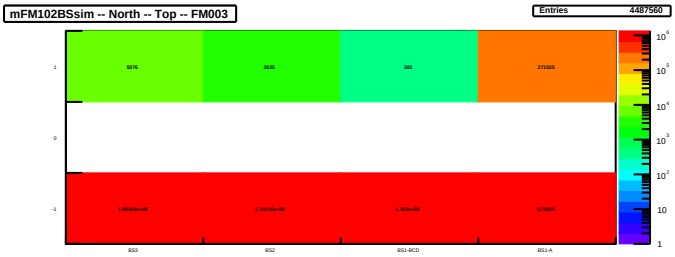

mFM102BS -- North -- Top -- FM003
Entries 1.762738e+07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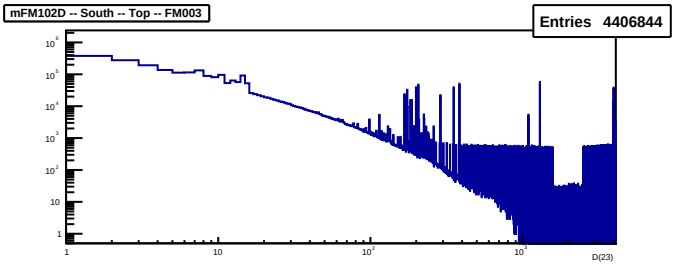
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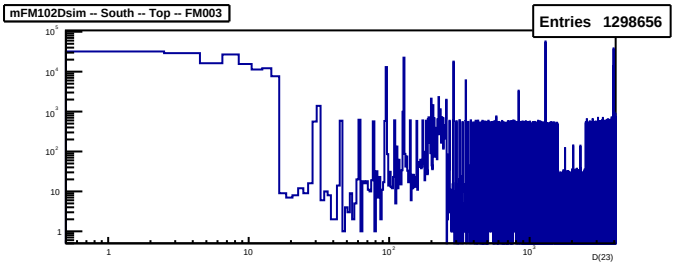
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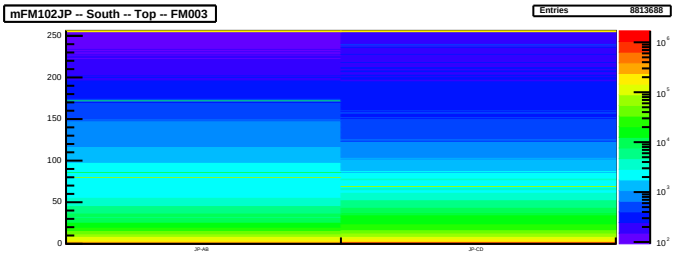
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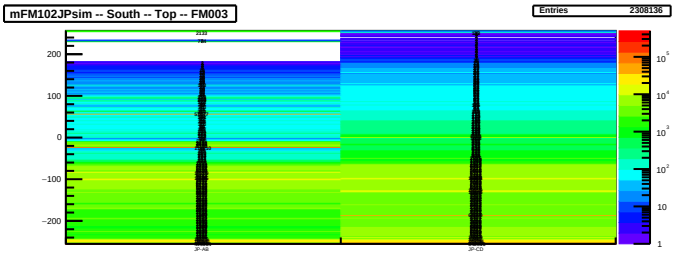
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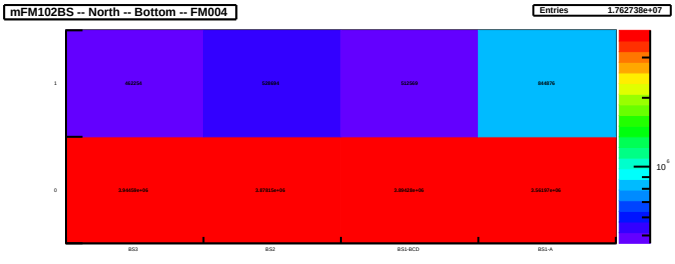
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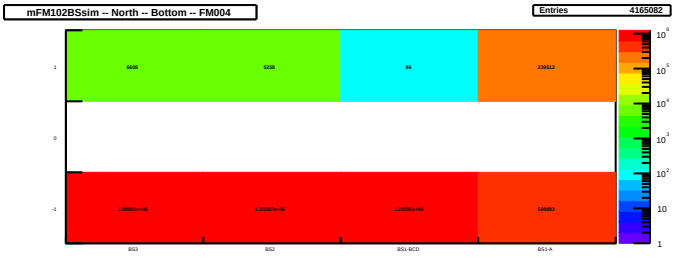
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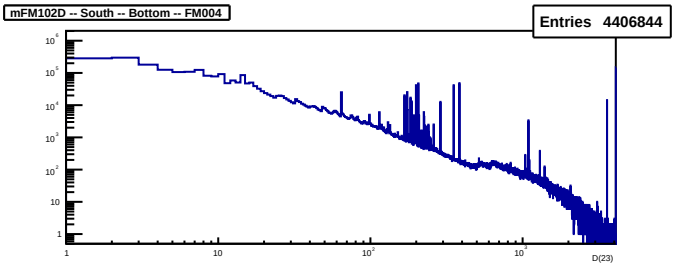
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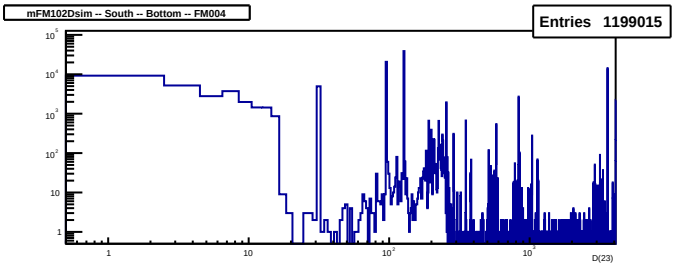
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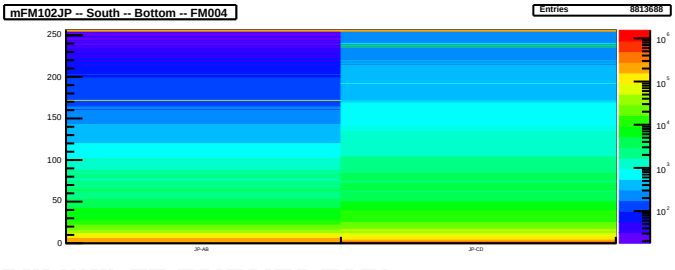
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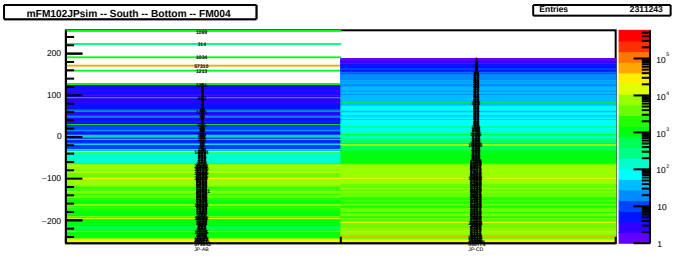
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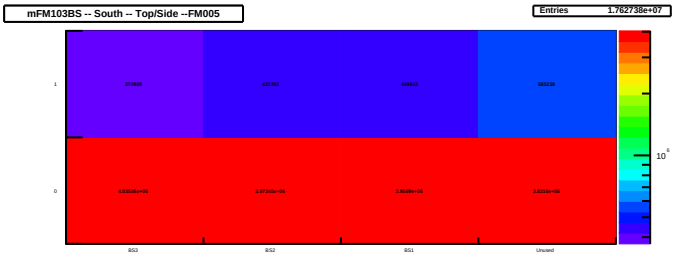
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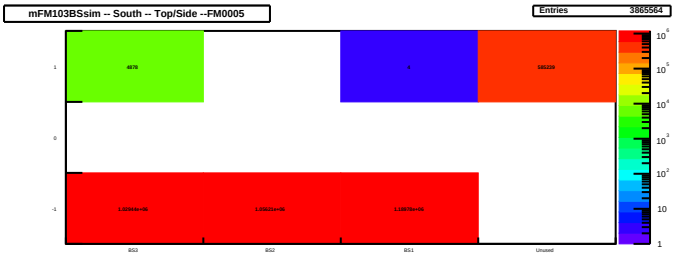
Entries 1.762738e+07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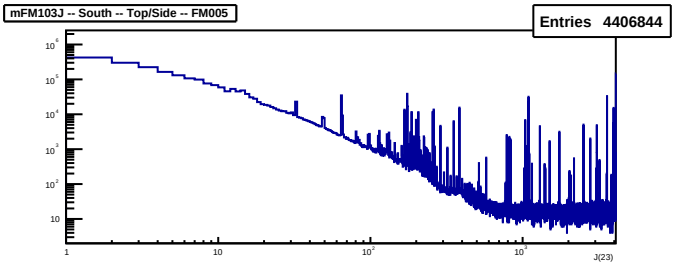
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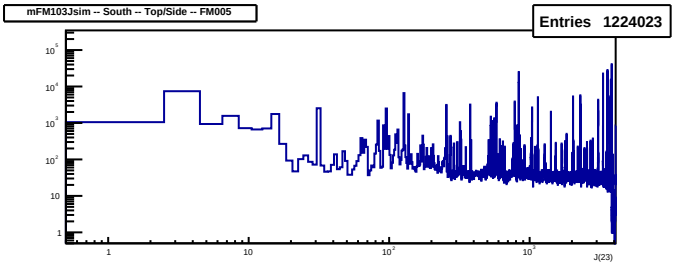
J(23)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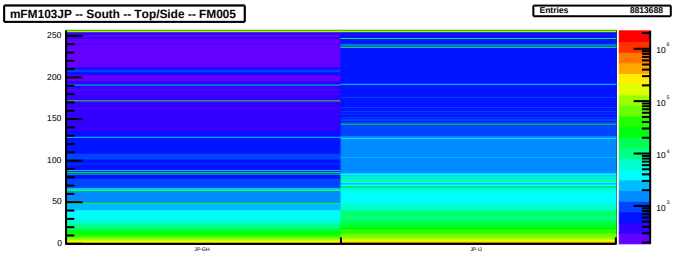
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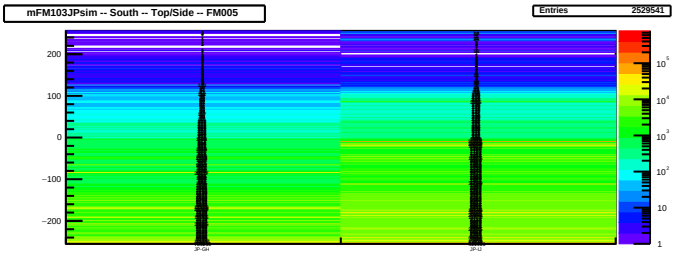
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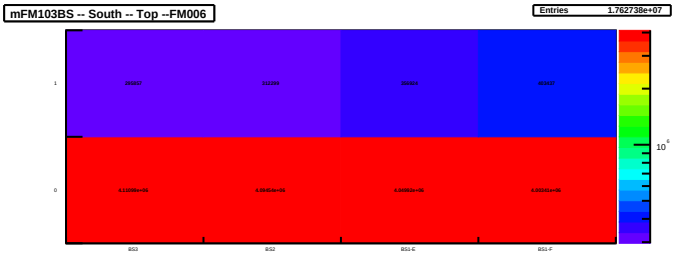
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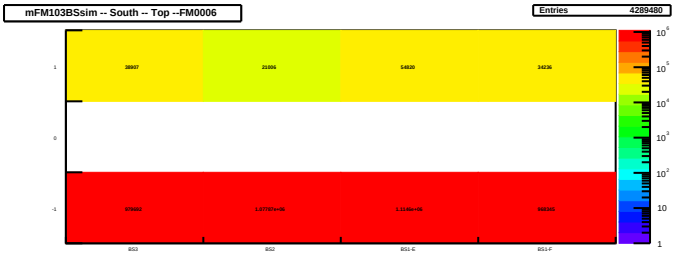
Entries 1.762738e+07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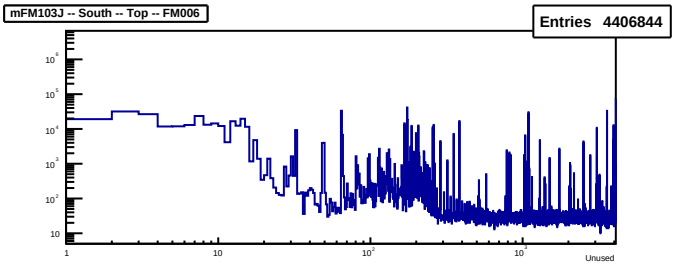
mFM103J -- South -- Top -- FM006
Entries 4406844
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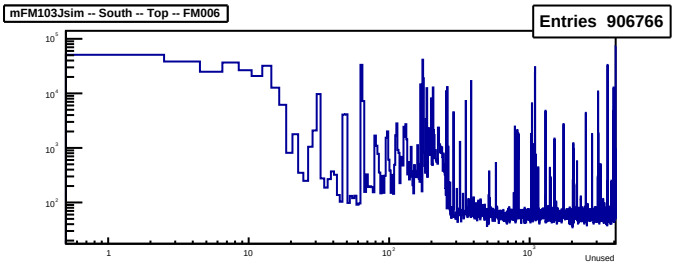
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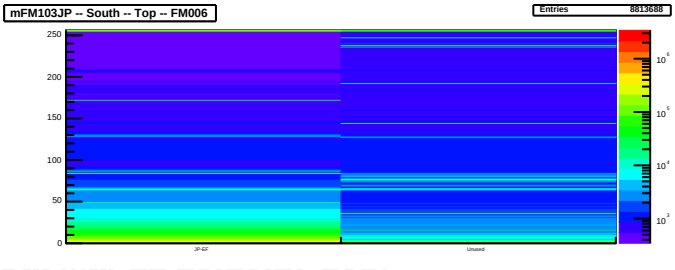
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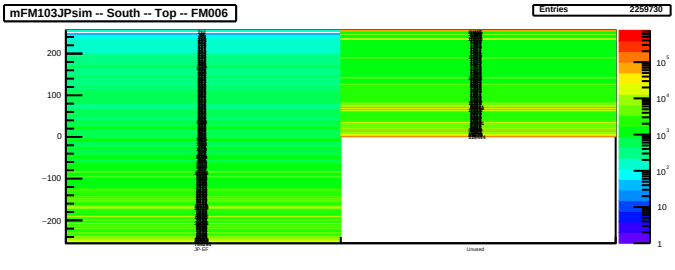
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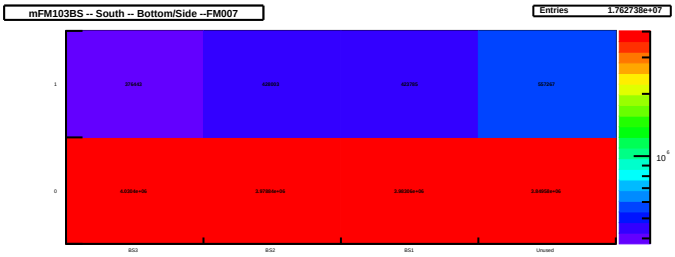
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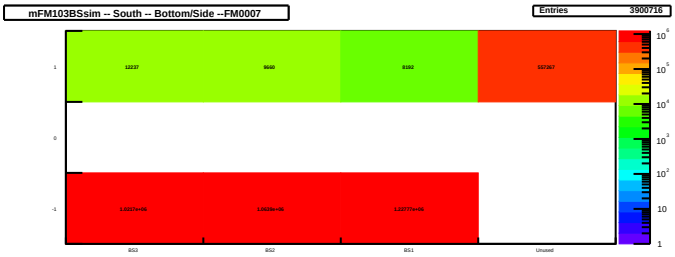
Entries 1.762738e+07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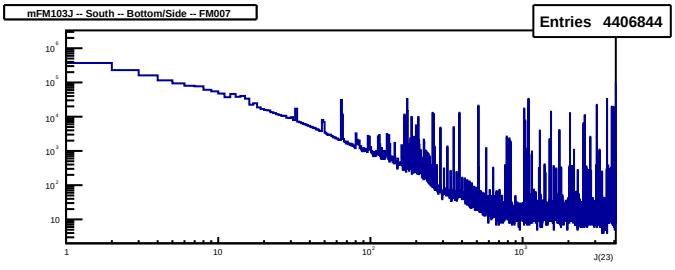
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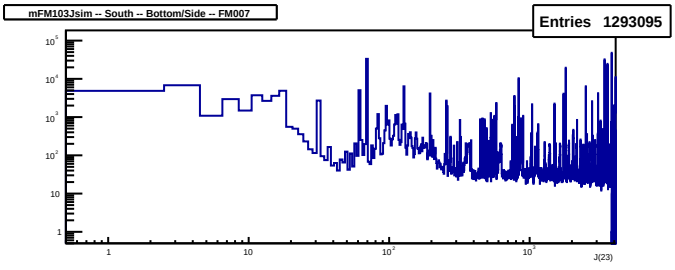
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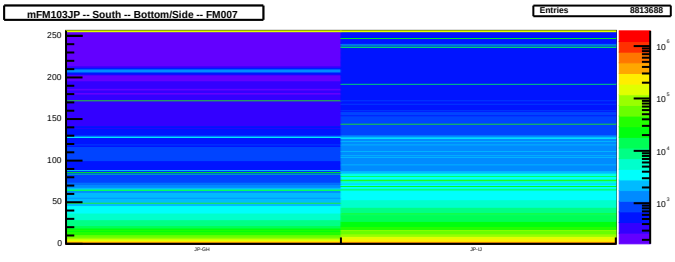
J(23)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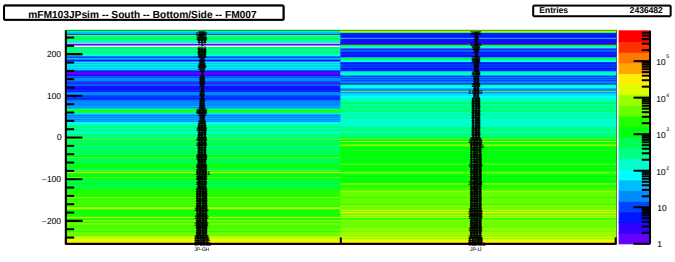
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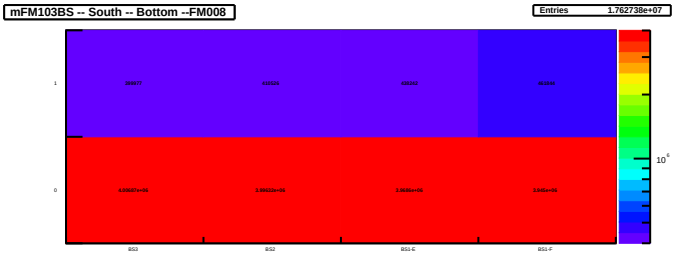
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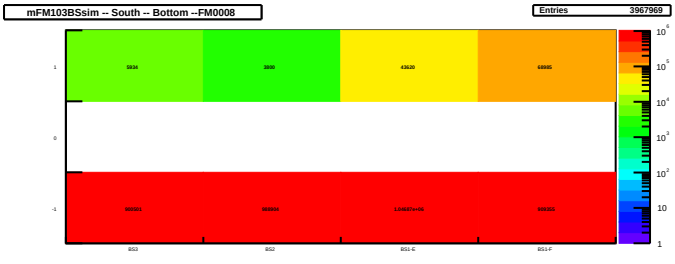
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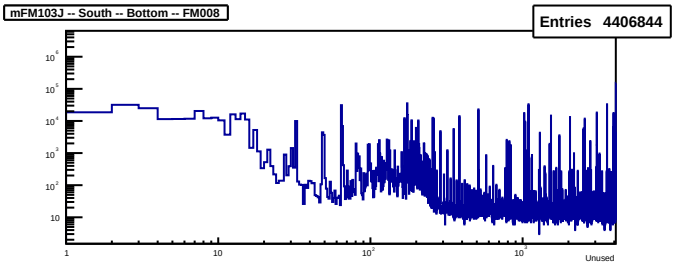
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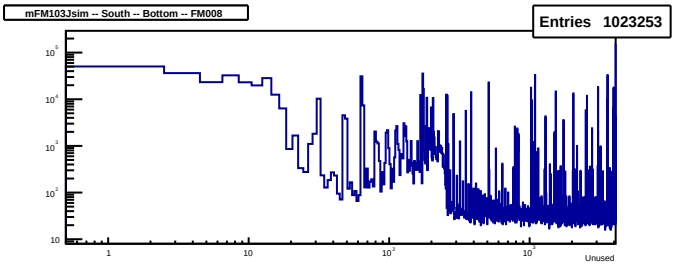
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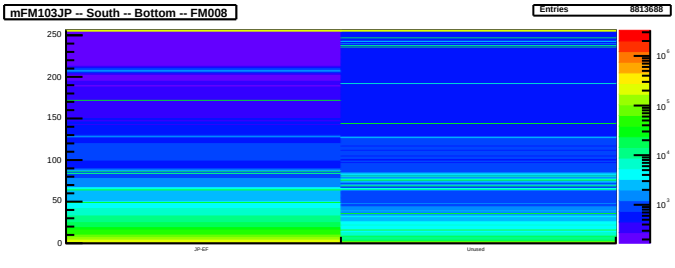
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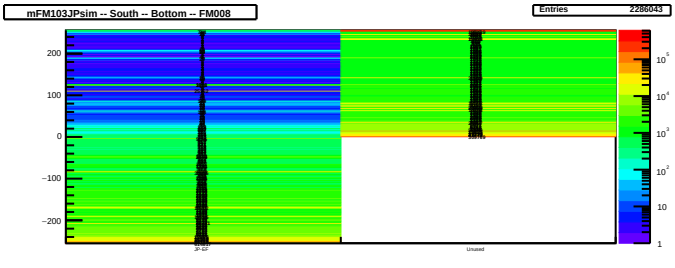
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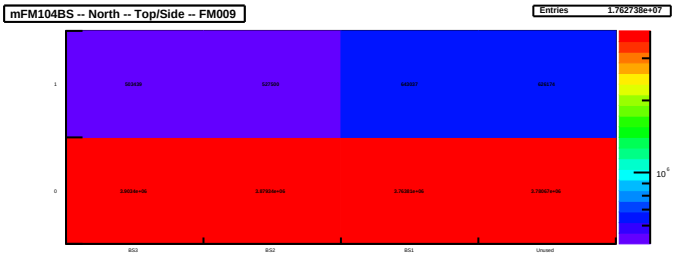
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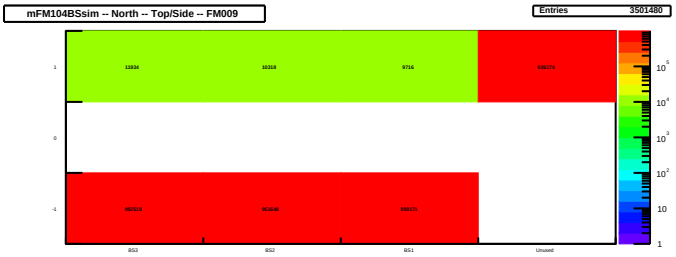
Entries 1.762738e+07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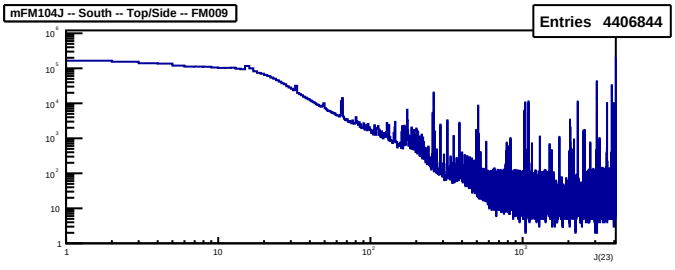
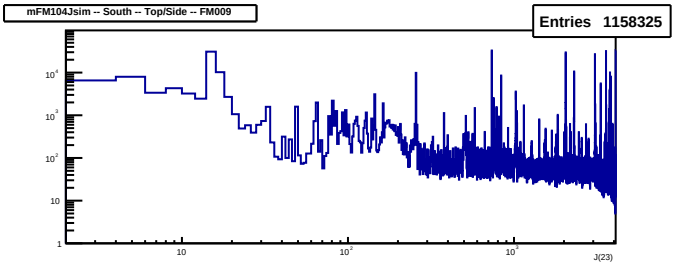
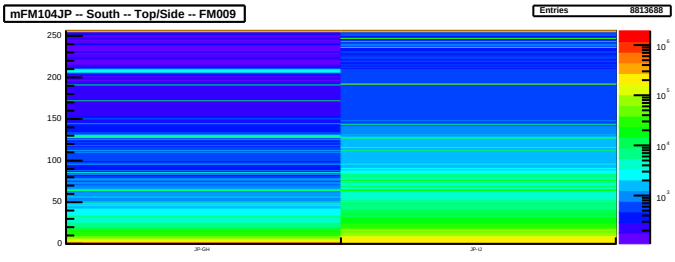
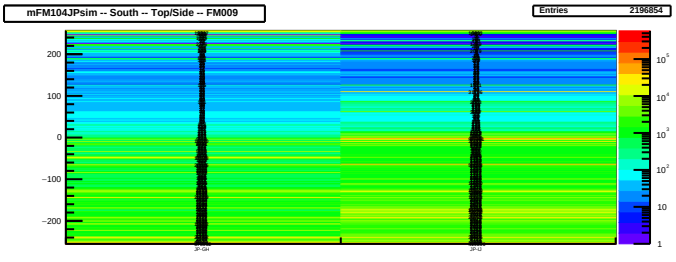

mFM104J -- South -- Top/Side -- FM009
Entries 4406844
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1158325
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 8813688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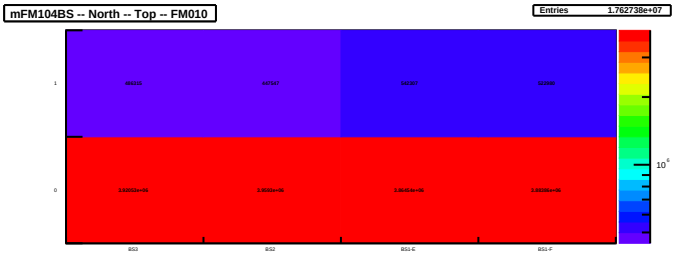
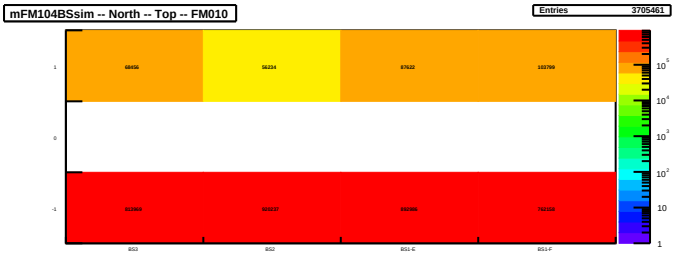
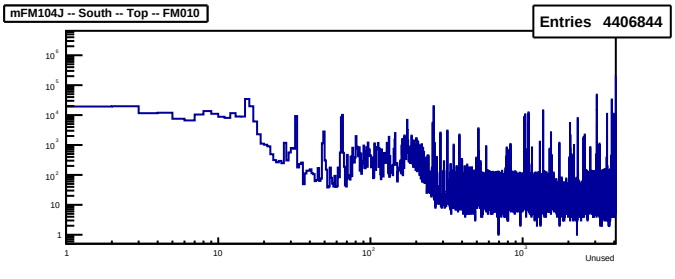
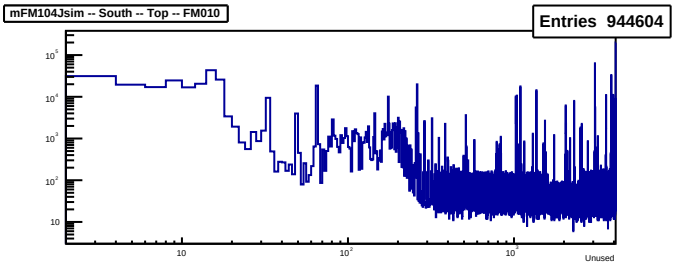
Entries 2196854


mFM104BS -- North -- Top -- FM010
Entries 1.762738e+07


mFM104BSsim -- North -- Top -- FM010
Entries 3705461


mFM104J -- South -- Top -- FM010
Entries 4406844
Unused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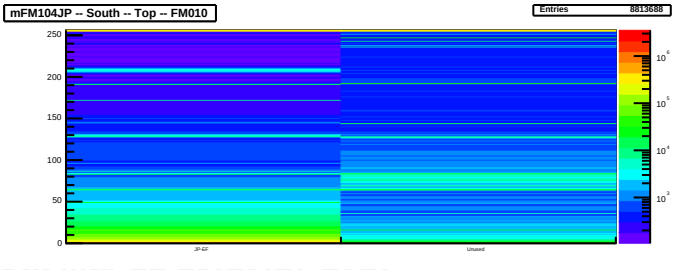
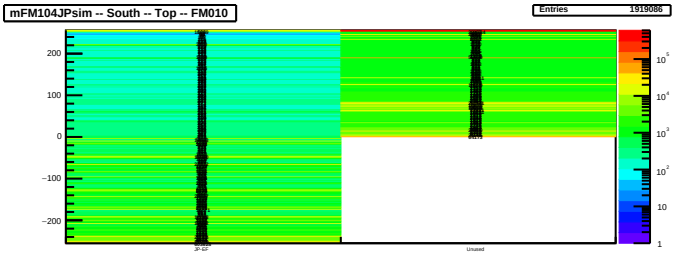
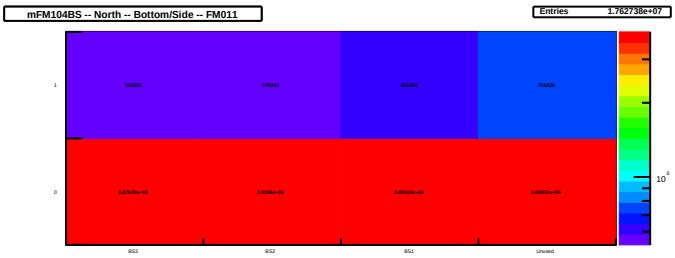
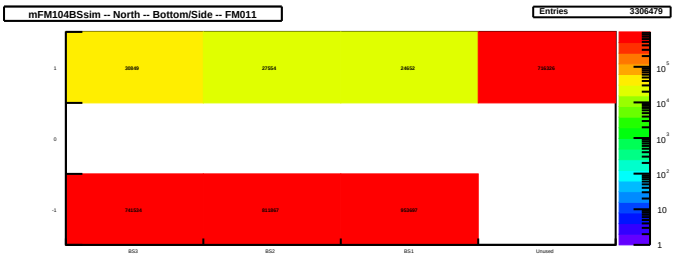
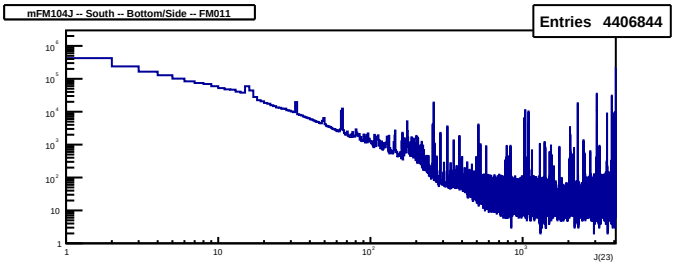
Entries 944604
Unused

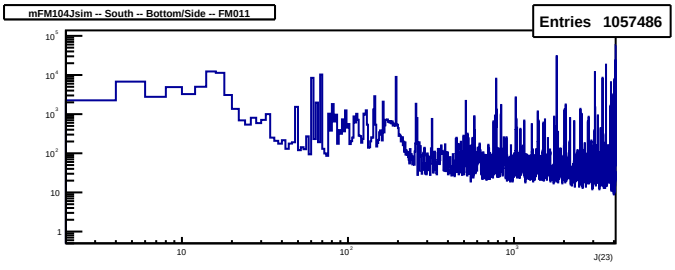

mFM104JP -- South -- Top -- FM010
Entries 8813688

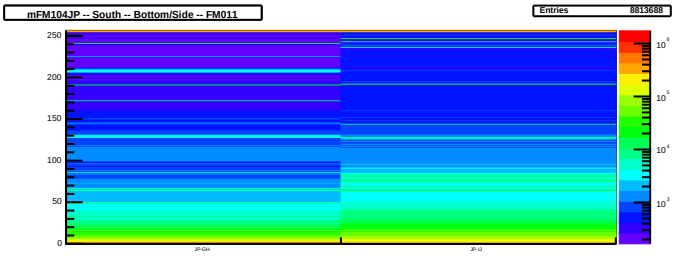

mFM104JPsim -- South -- Top -- FM010
Entries 1919086

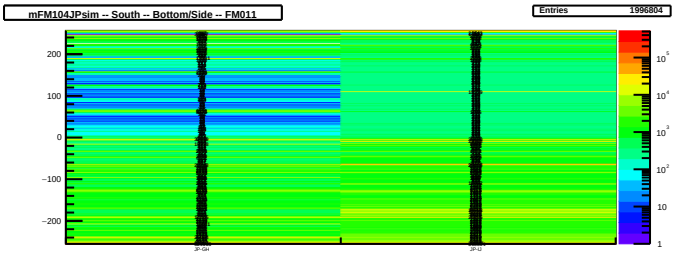

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.762738e+07

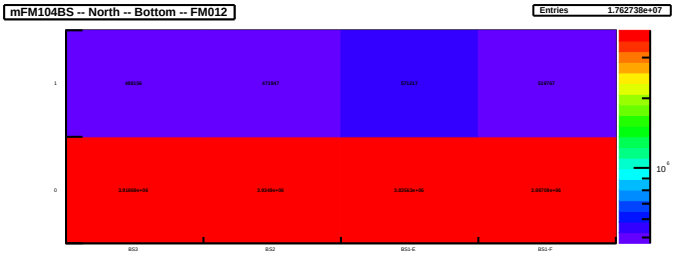

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3306479

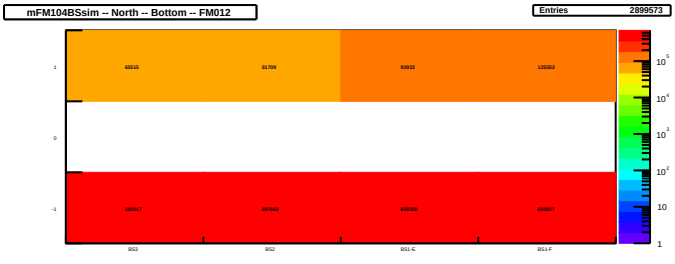

mFM104J -- South -- Bottom/Side -- FM011
Entries 4406844
J(23)

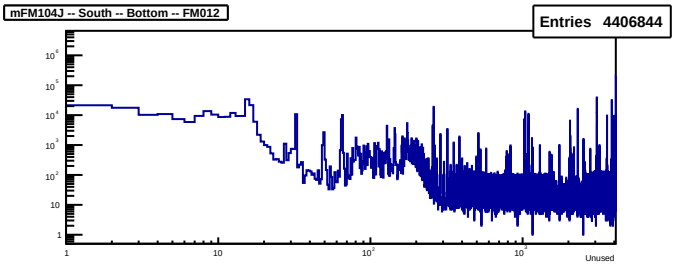

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1057486
J(23)

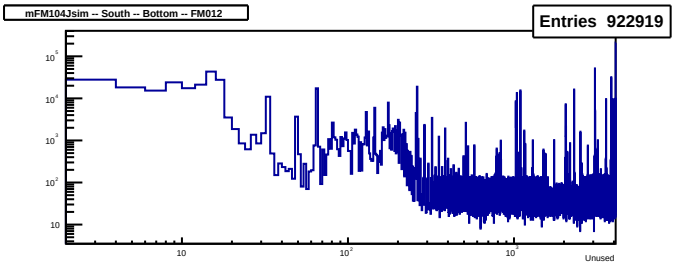

mFM104JP -- South -- Bottom/Side -- FM011
Entries 8813688

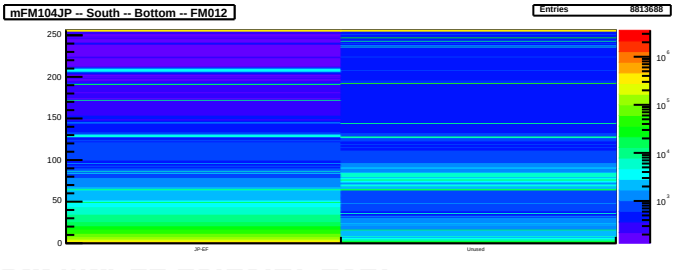

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1996804

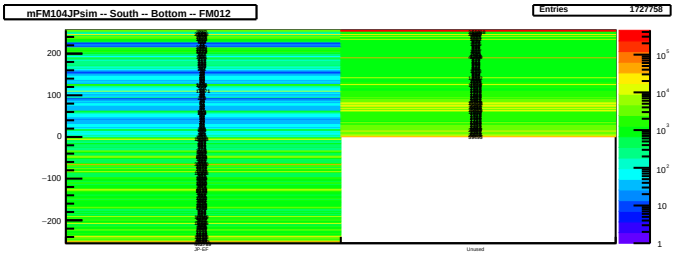

mFM104BS -- North -- Bottom -- FM012
Entries 1.762738e+07

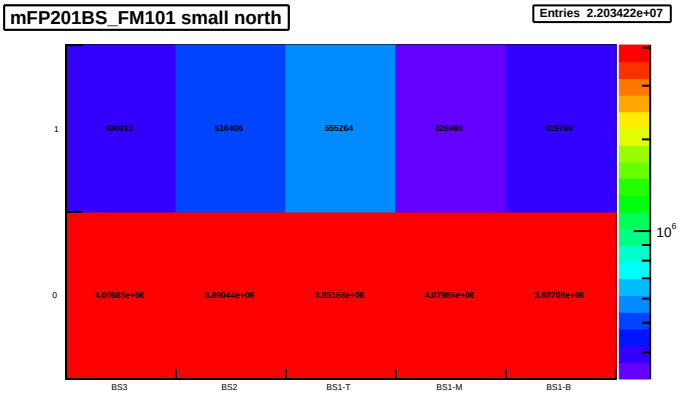

mFM104BSsim -- North -- Bottom -- FM012
Entries 2899573

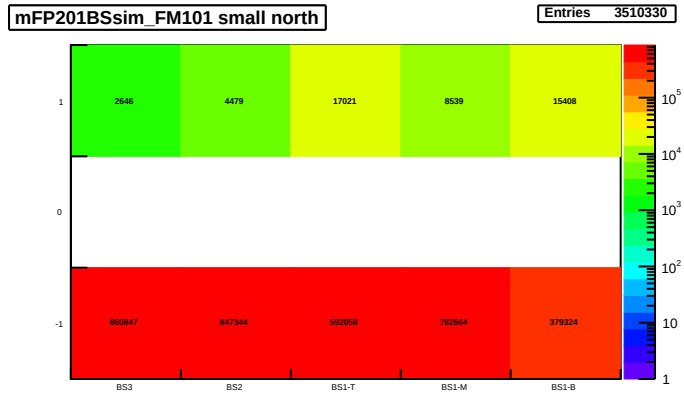

mFM104J -- South -- Bottom -- FM012
Entries 4406844
Unused

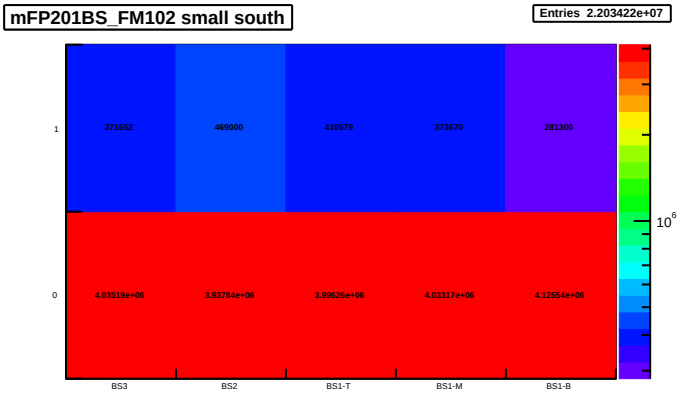

mFM104Jsim -- South -- Bottom -- FM012
Entries 922919
Unused

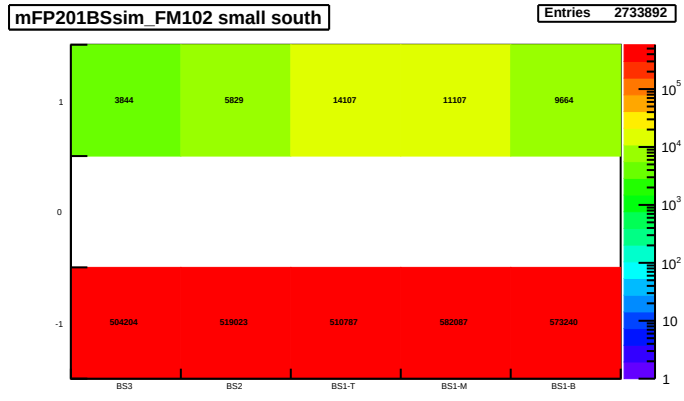

mFM104JP -- South -- Bottom -- FM012
Entries 8813688

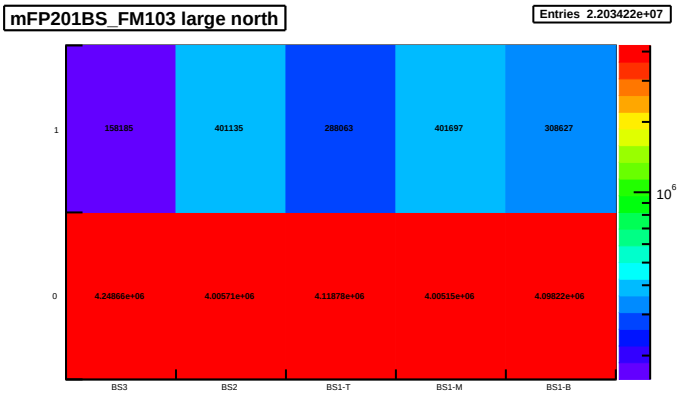

mFM104JPsim -- South -- Bottom -- FM012
Entries 1727758

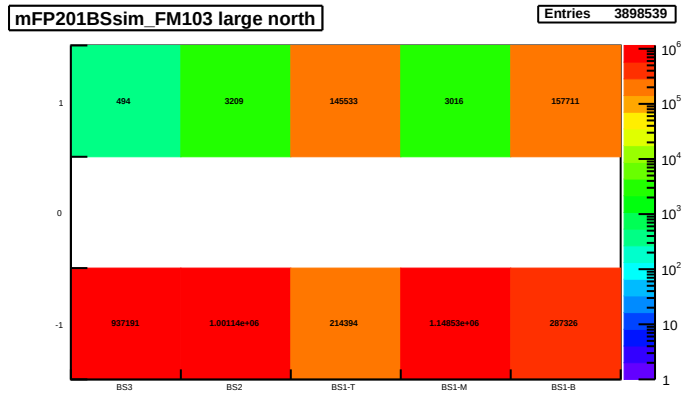

mFP201BS_FM101 small north
Entries 2.203422e+07
400013
516406
555264
326980
419760
4.00683e+06
3.89044e+06
3.85158e+06
4.07986e+06
3.98708e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

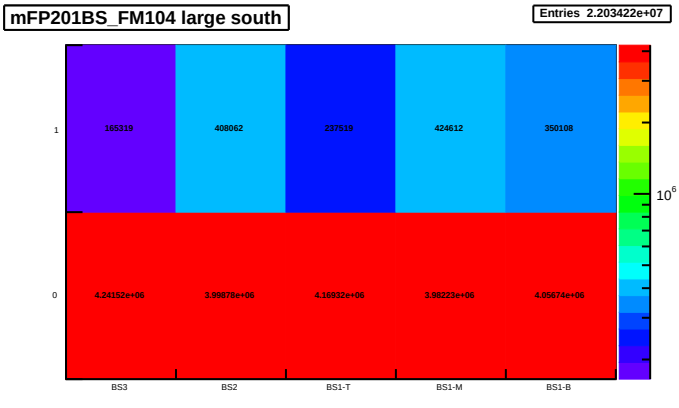

mFP201BSsim_FM101 small north
Entries 3510330
2646
4479
17021
8539
15408
860847
847344
592058
782664
379324
BS3
BS2
BS1-T
BS1-M
BS1-B

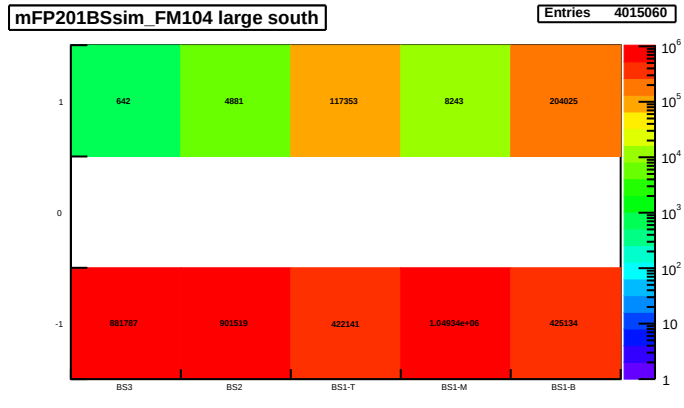

mFP201BS_FM102 small south
Entries 2.203422e+07
371652
469000
410579
373670
281300
4.03519e+06
3.93784e+06
3.99626e+06
4.03317e+06
4.12554e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

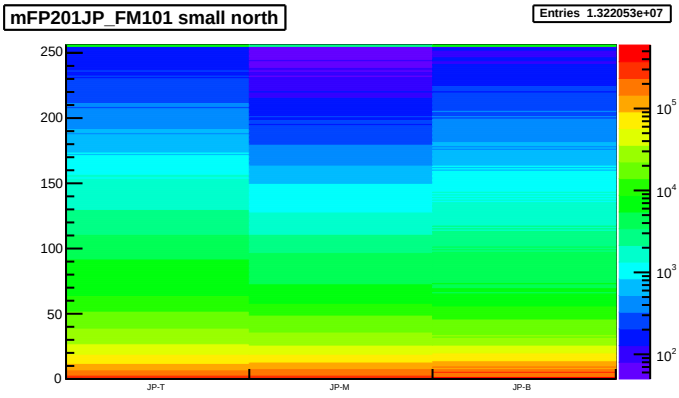

mFP201BSsim_FM102 small south
Entries 2733892
3844
5829
14107
11107
9664
504204
519023
510787
582087
573240
BS3
BS2
BS1-T
BS1-M
BS1-B

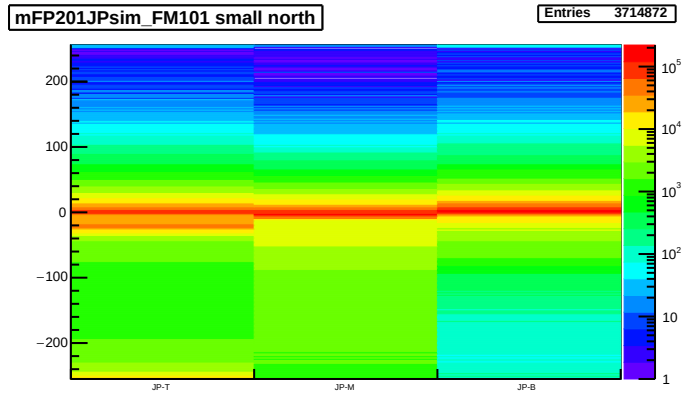

mFP201BS_FM103 large north
Entries 2.203422e+07
158185
401135
288063
401697
308627
4.24866e+06
4.00571e+06
4.11878e+06
4.00515e+06
4.09822e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

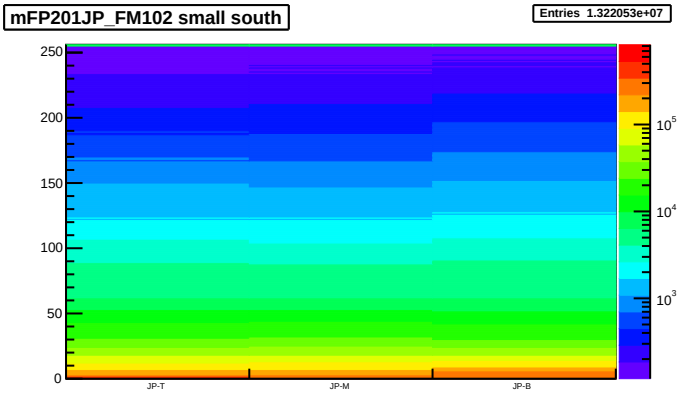

mFP201BSsim_FM103 large north
Entries 3898539
494
3209
145533
3016
157711
937191
1.00114e+06
214394
1.14853e+06
287326
BS3
BS2
BS1-T
BS1-M
BS1-B

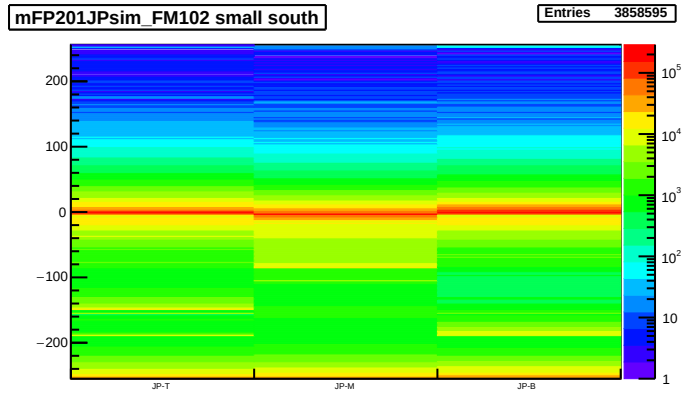

mFP201BS_FM104 large south
Entries 2.203422e+07
165319
408062
237519
424612
350108
4.24152e+06
3.99878e+06
4.16932e+06
3.98223e+06
4.05674e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

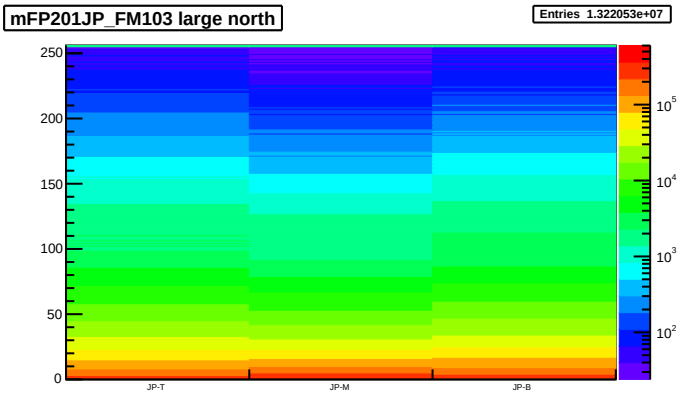

mFP201BSsim_FM104 large south
Entries 4015060
642
4881
117353
8243
204025
881787
901519
422141
1.04934e+06
425134
BS3
BS2
BS1-T
BS1-M
BS1-B

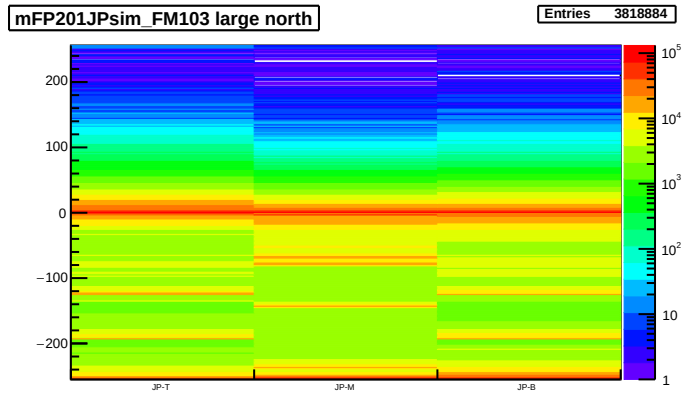

mFP201JP_FM101 small north
Entries 1.322053e+07
JP-T
JP-M
JP-B

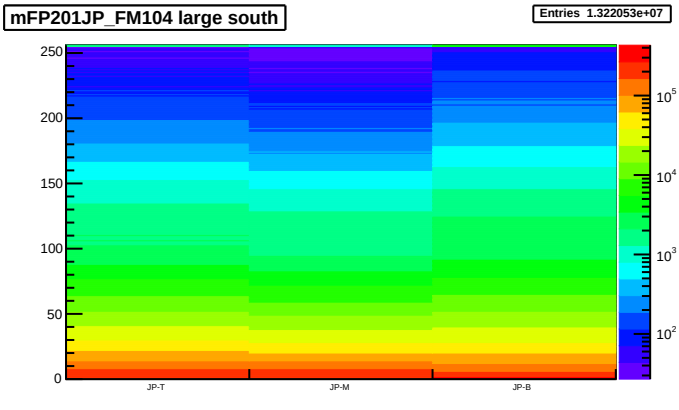

mFP201JPsim_FM101 small north
Entries 3714872
JP-T
JP-M
JP-B

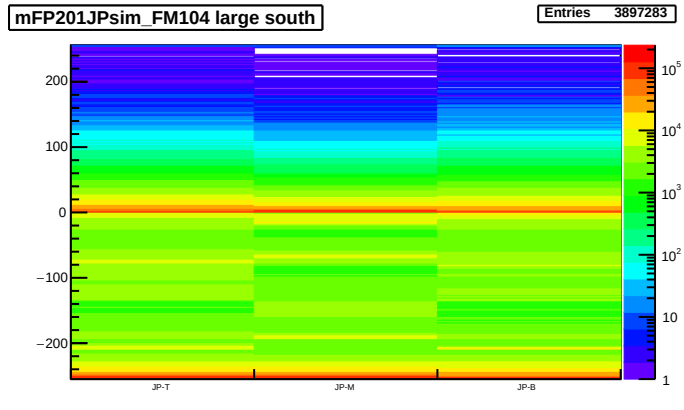

mFP201JP_FM102 small south
Entries 1.322053e+07
JP-T
JP-M
JP-B

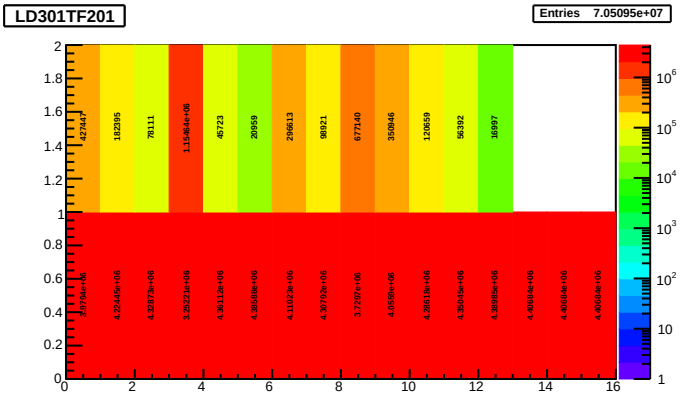

mFP201JPsim_FM102 small south
Entries 3858595
JP-T
JP-M
JP-B

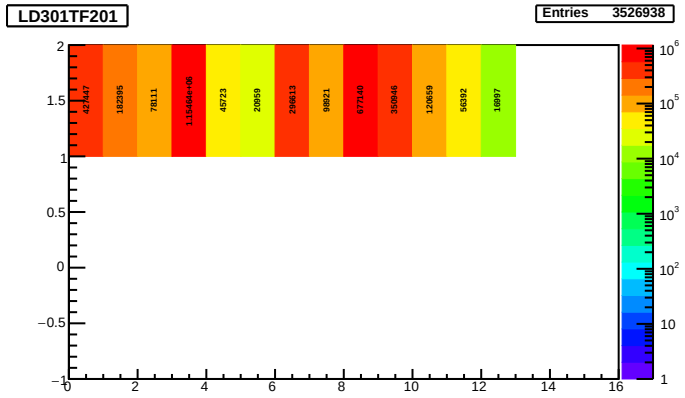

mFP201JP_FM103 large north
Entries 1.322053e+07
JP-T
JP-M
JP-B

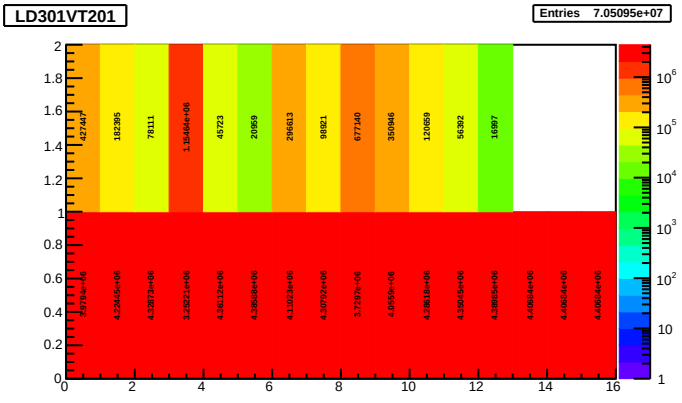

mFP201JPsim_FM103 large north
Entries 3818884
JP-T
JP-M
JP-B

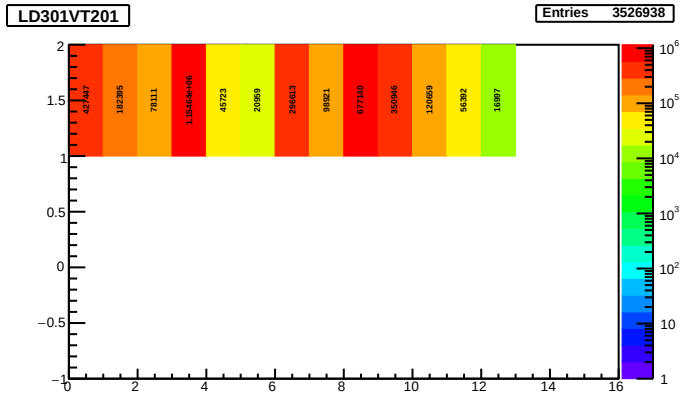

mFP201JP_FM104 large south
Entries 1.322053e+07
JP-T
JP-M
JP-B

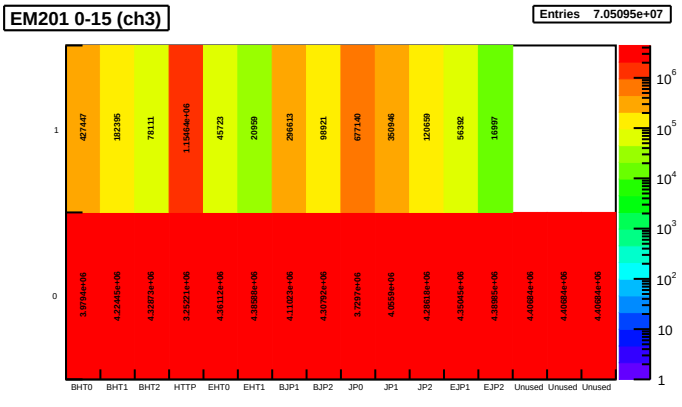

mFP201JPsim_FM104 large south
Entries 3897283
JP-T
JP-M
JP-B

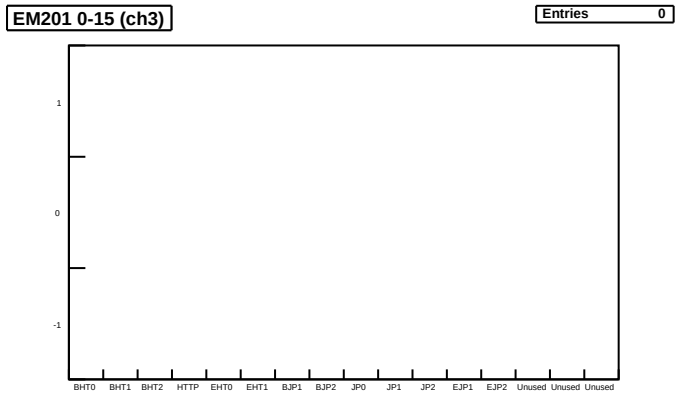

LD301TF201
Entries 7.05095e+07

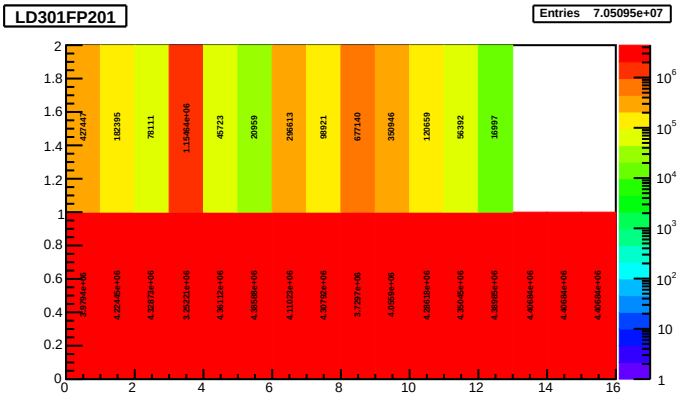

LD301TF201
Entries 3526938

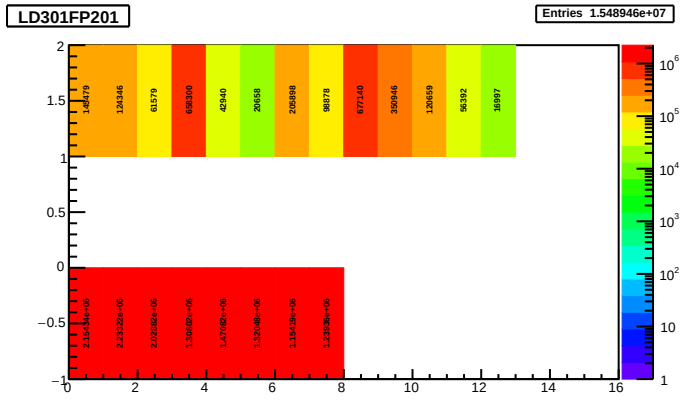

LD301VT201
Entries 7.05095e+07


LD301VT201
Entries 3526938


EM201 0-15 (ch3)
Entries 7.05095e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


LD301FP201
Entries 7.05095e+07


LD301FP201
Entries 1.548946e+07