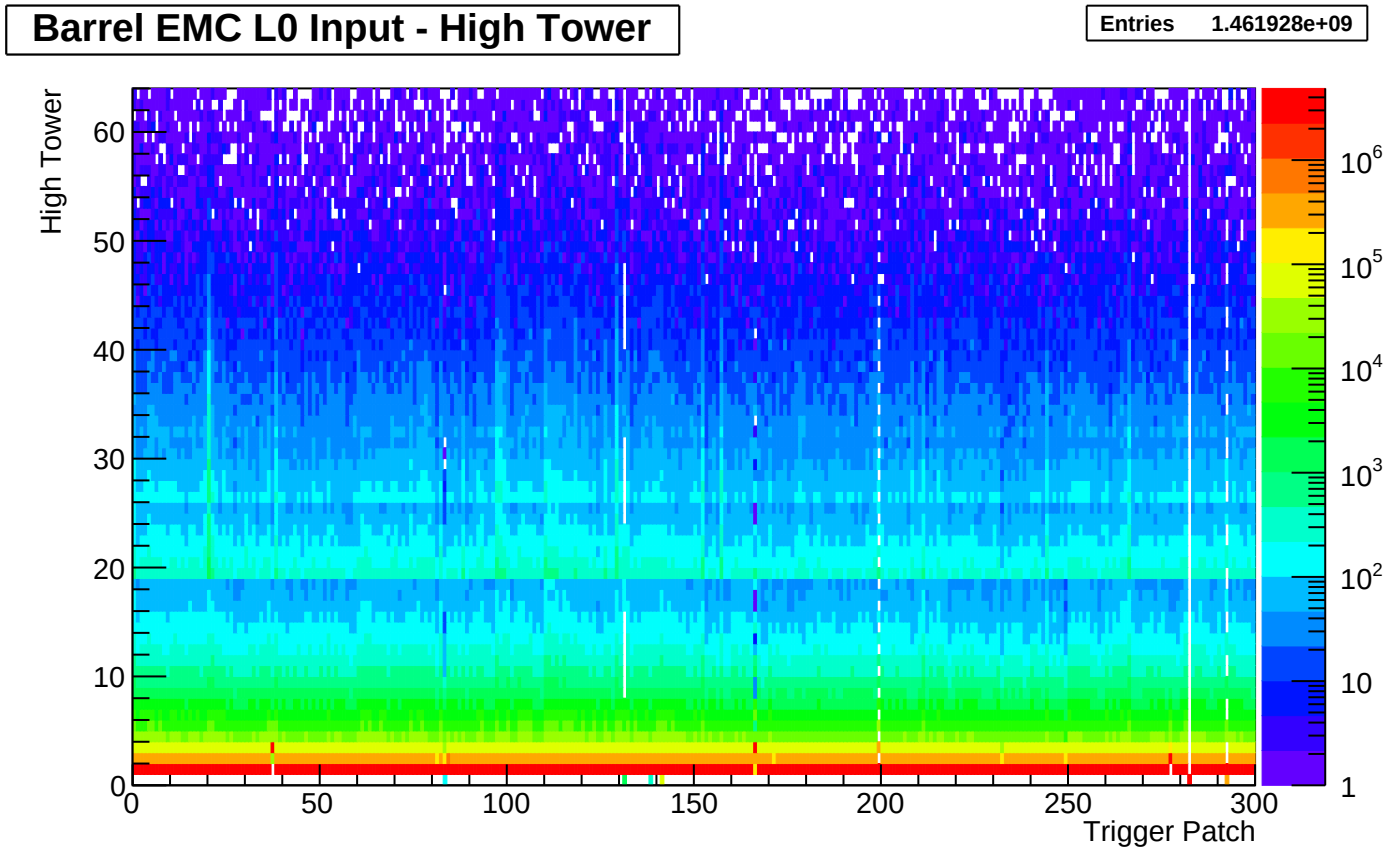
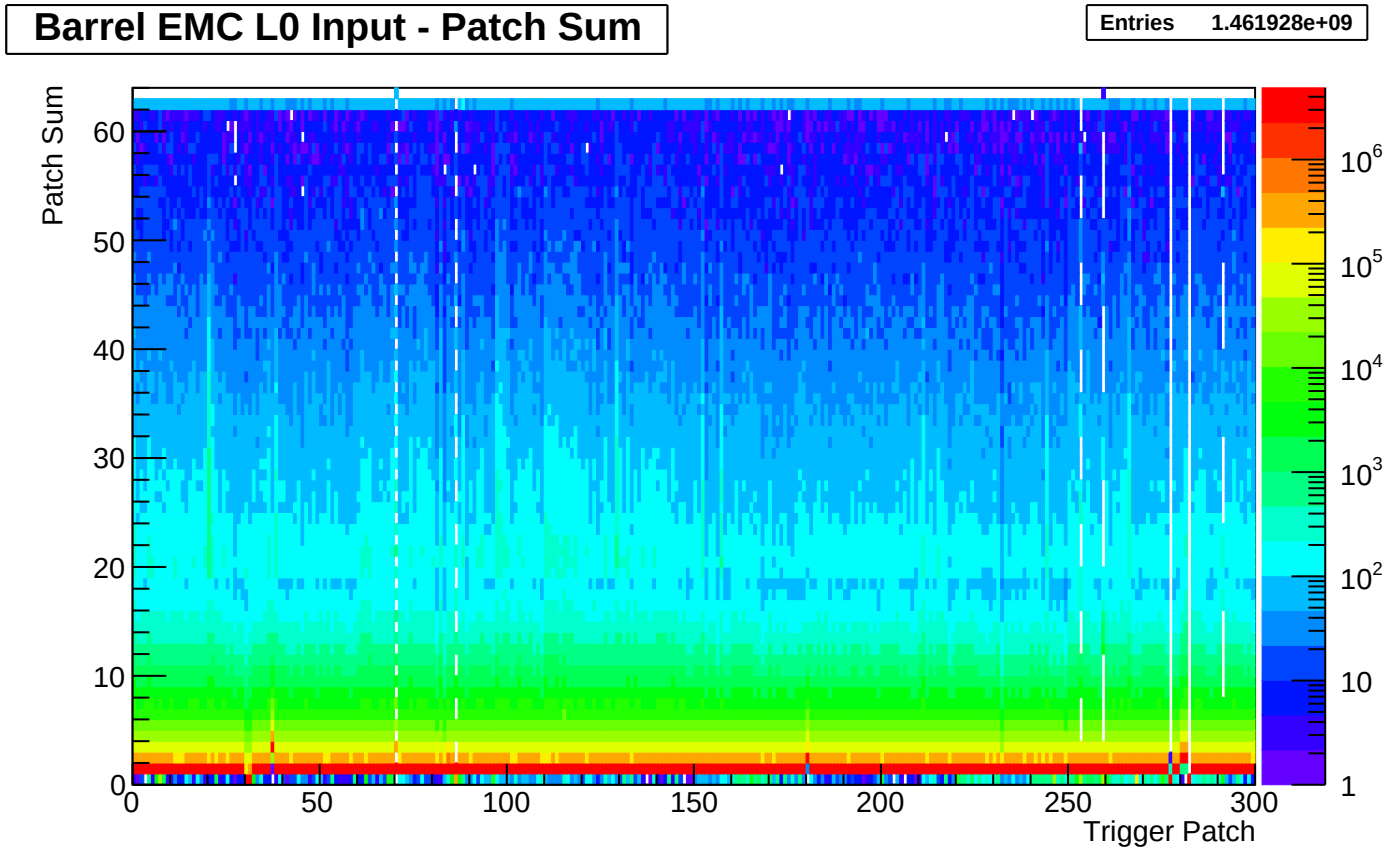
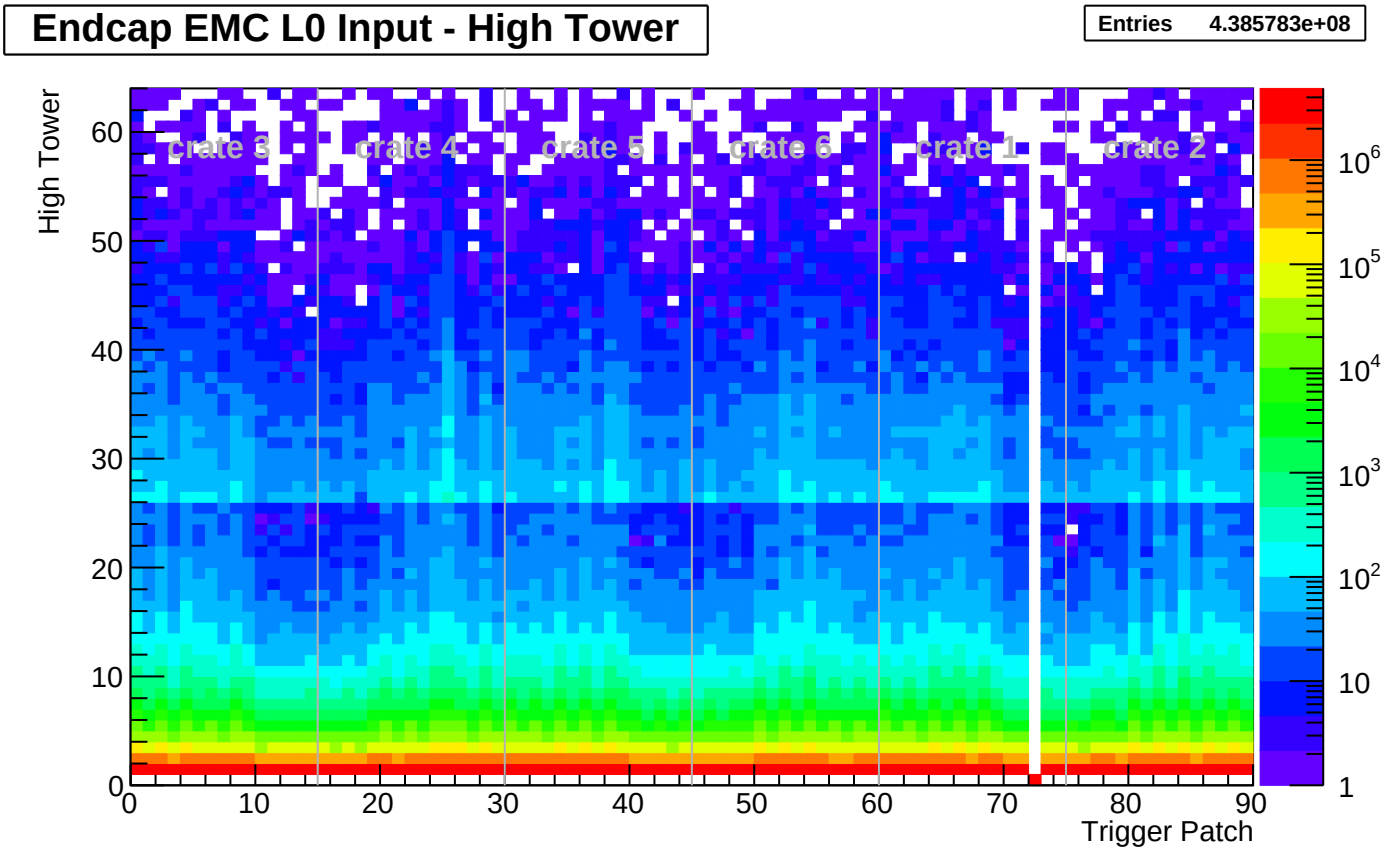
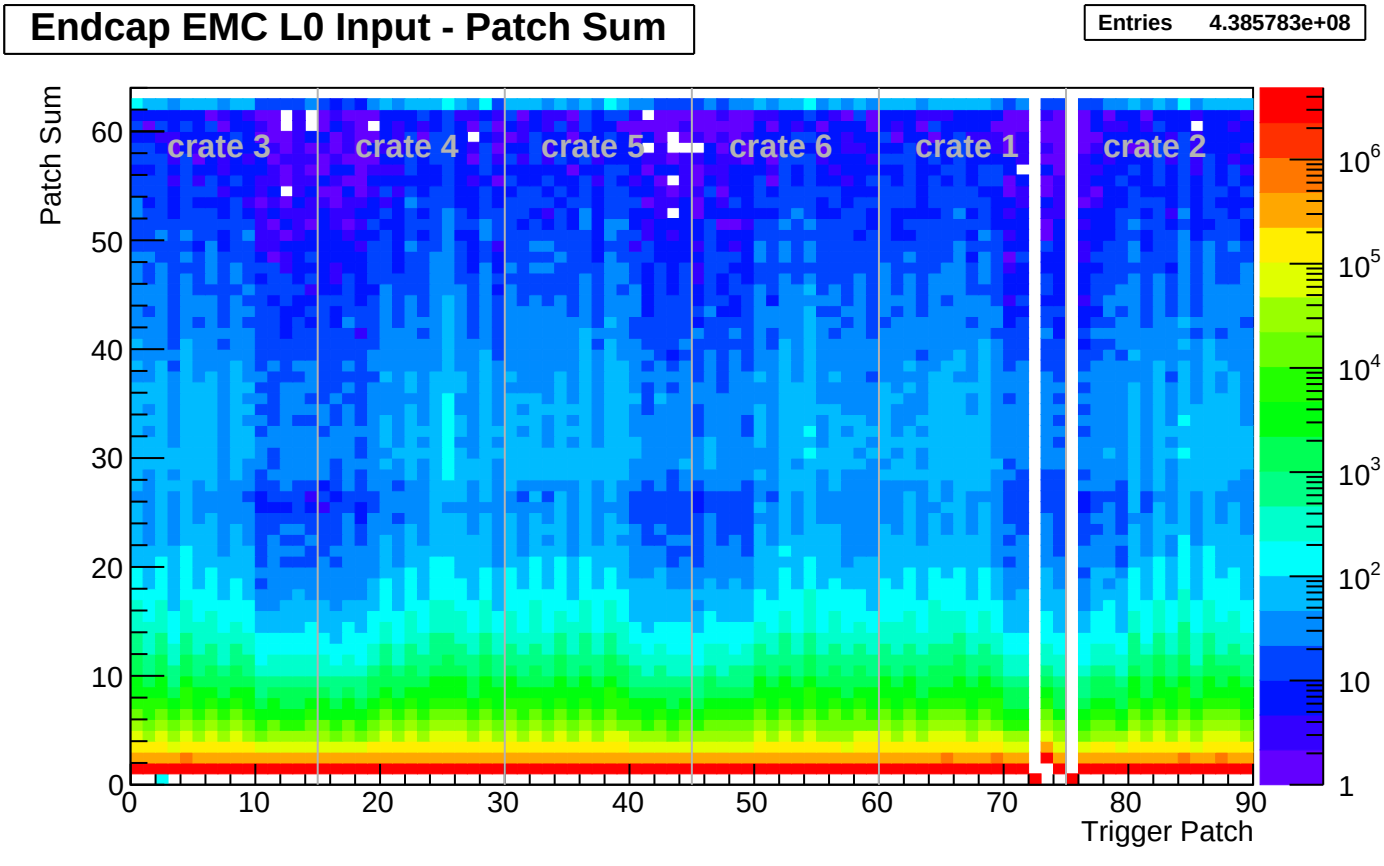
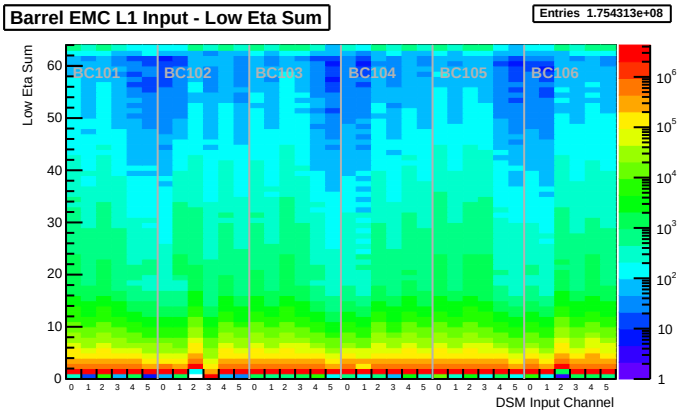
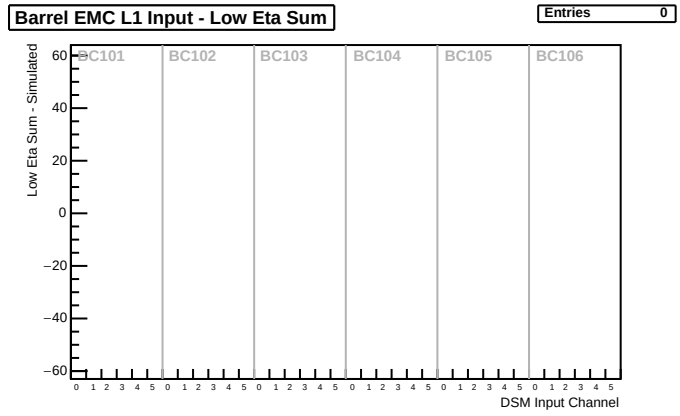

Barrel EMC L0 Input - High Tower
Entries 1.461928e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

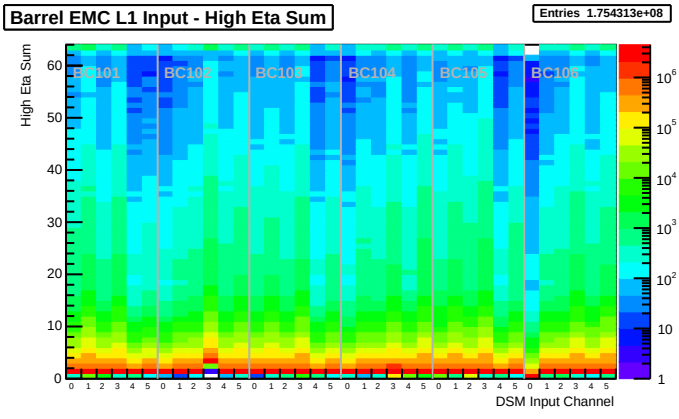

Barrel EMC L0 Input - Patch Sum
Entries 1.461928e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

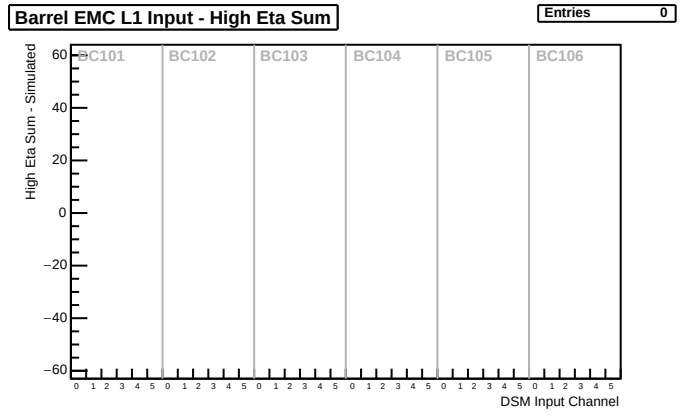

Endcap EMC L0 Input - High Tower
Entries 4.385783e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

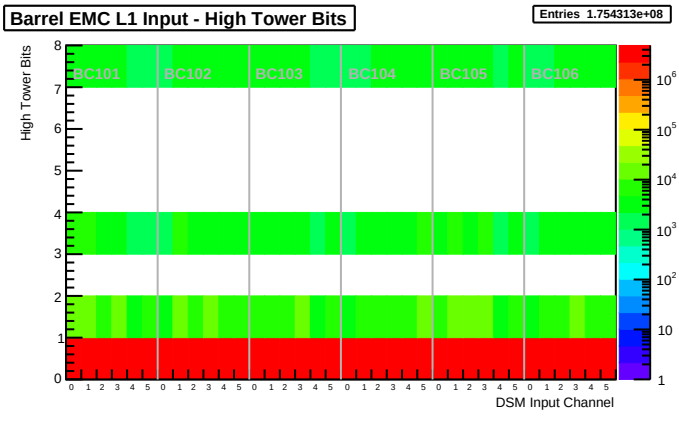

Endcap EMC L0 Input - Patch Sum
Entries 4.385783e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

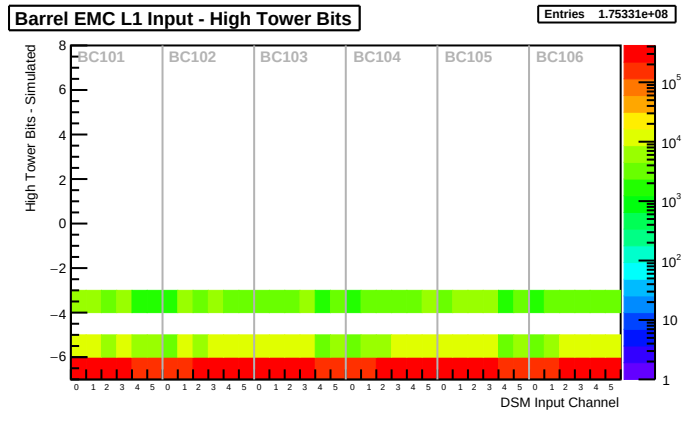

Barrel EMC L1 Input - Low Eta Sum
Entries 1.754313e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

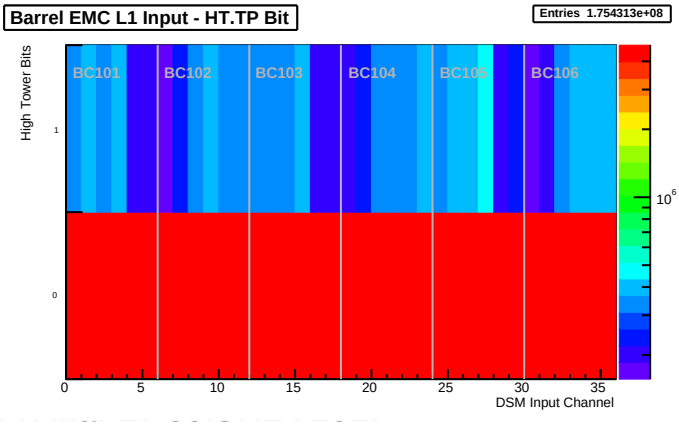

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

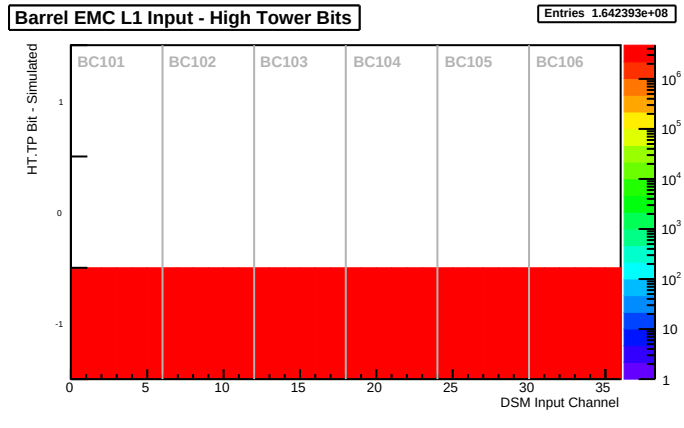

Barrel EMC L1 Input - High Eta Sum
Entries 1.754313e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

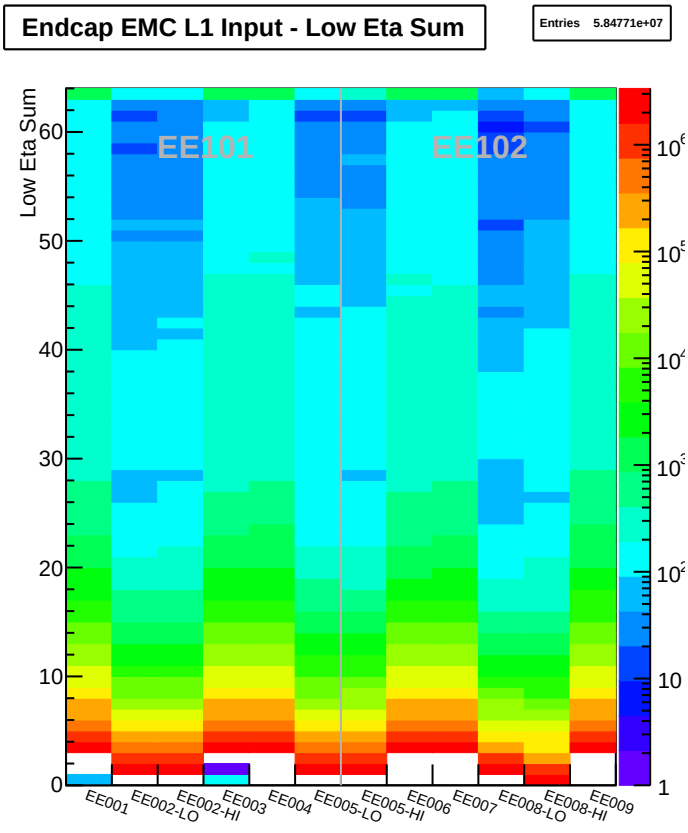

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

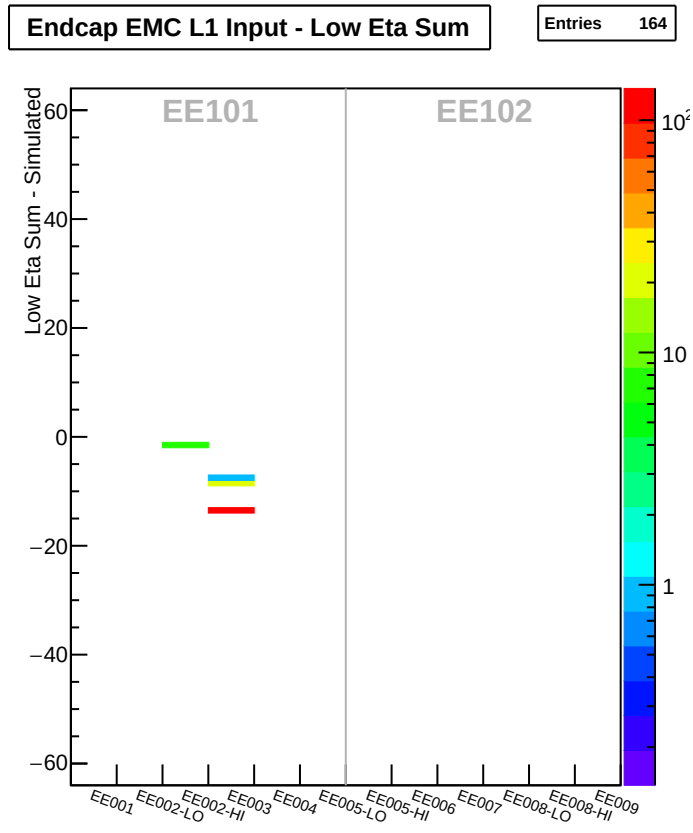

Barrel EMC L1 Input - High Tower Bits
Entries 1.754313e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

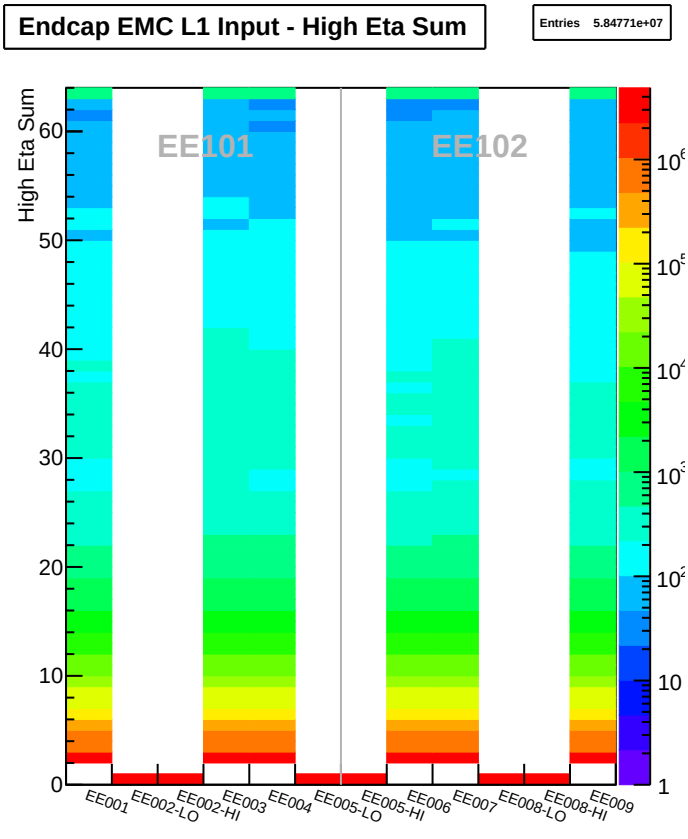

Barrel EMC L1 Input - High Tower Bits
Entries 1.75331e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

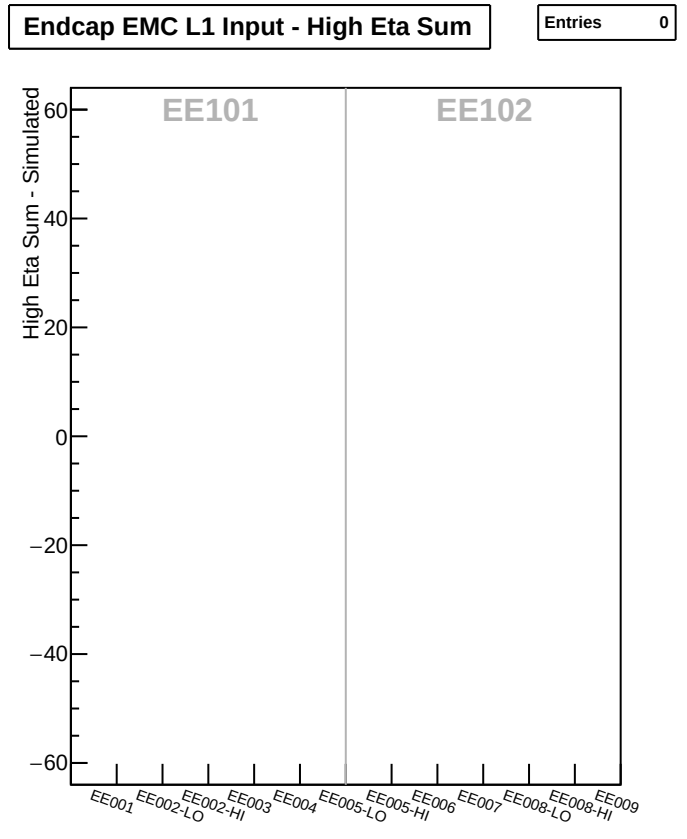

Barrel EMC L1 Input - HT.TP Bit
Entries 1.754313e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

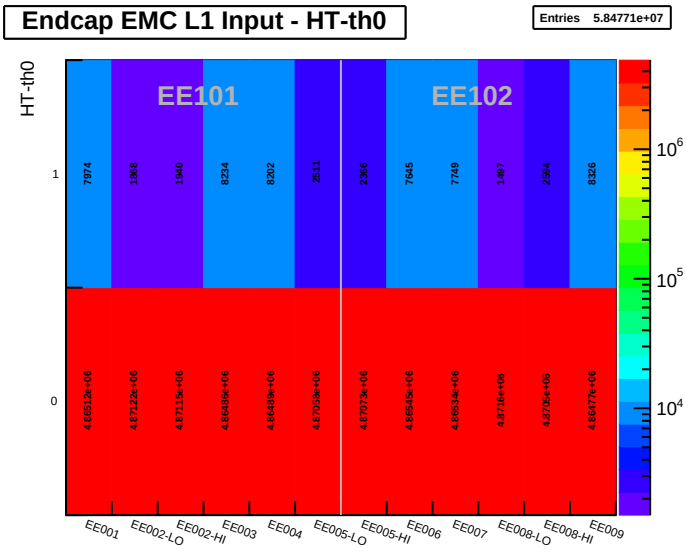

Barrel EMC L1 Input - High Tower Bits
Entries 1.642393e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

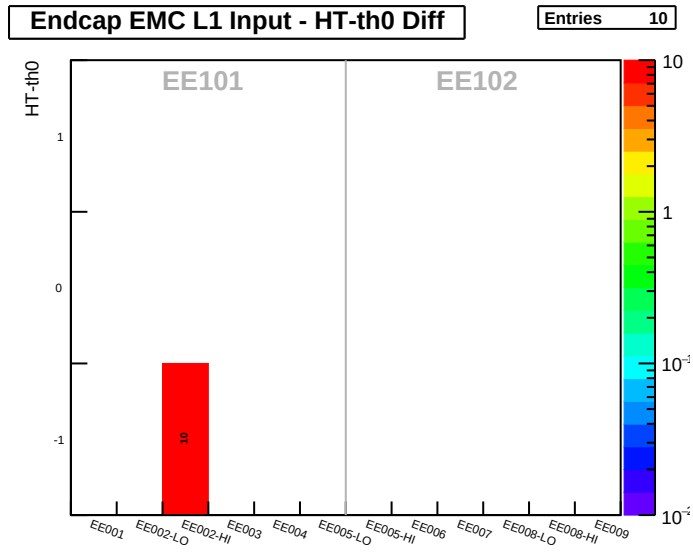

Endcap EMC L1 Input - Low Eta Sum
Entries 5.84771e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

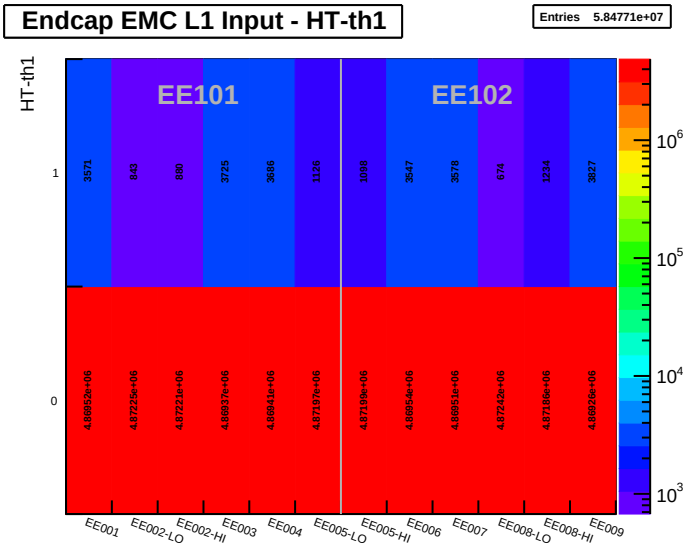

Endcap EMC L1 Input - Low Eta Sum
Entries 164
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

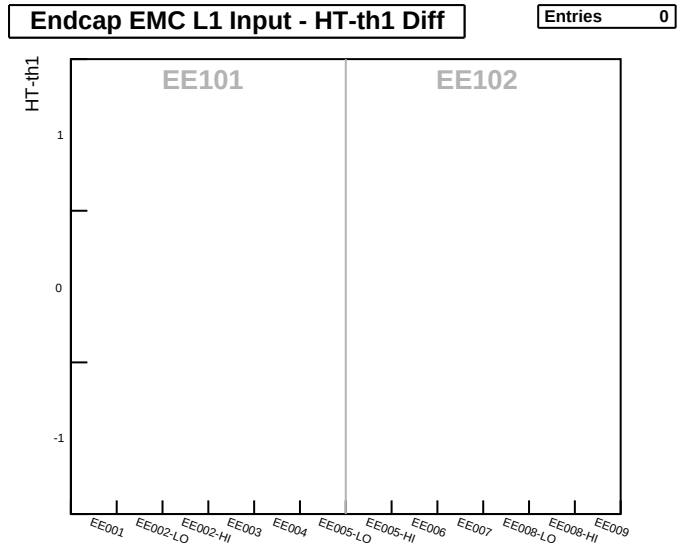

Endcap EMC L1 Input - High Eta Sum
Entries 5.84771e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

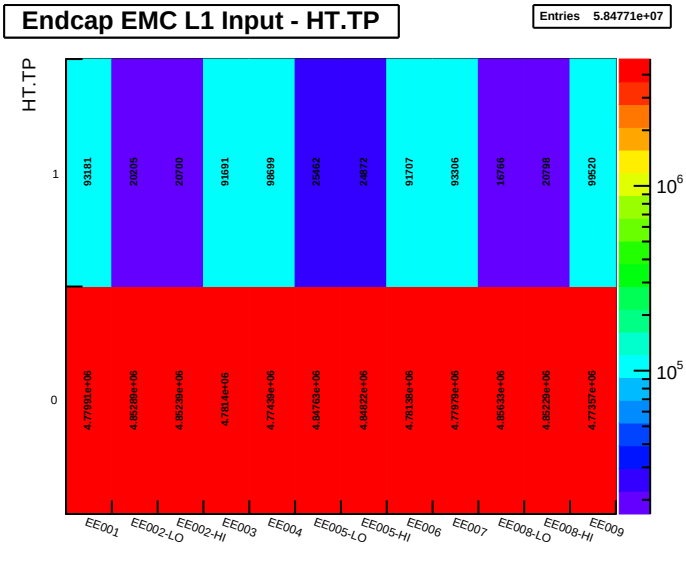

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

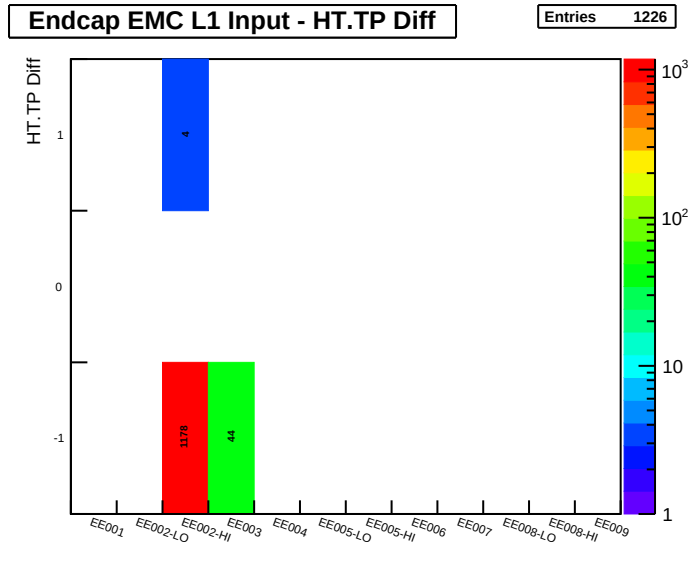

Endcap EMC L1 Input - HT-th0
Entries 5.84771e+07
HT-th0
EE101
EE102
7974
1868
1940
8234
8202
2511
2366
7645
7749
1497
2394
8326
4.86612e+06
4.87123e+06
4.87115e+06
4.86486e+06
4.86489e+06
4.87058e+06
4.87073e+06
4.86545e+06
4.86534e+06
4.8716e+06
4.8705e+06
4.86477e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

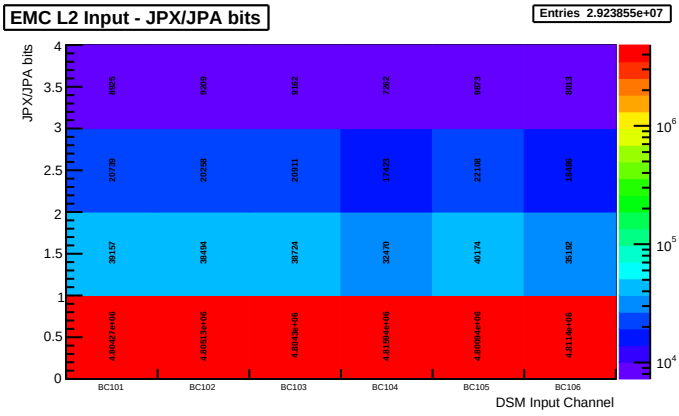

Endcap EMC L1 Input - HT-th0 Diff
Entries 10
HT-th0
EE101
EE102
10
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

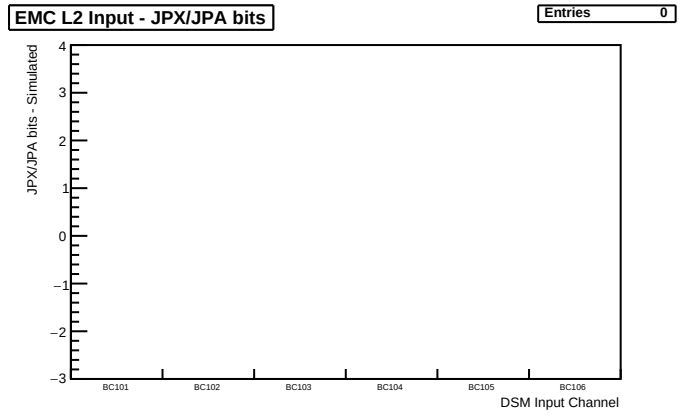

Endcap EMC L1 Input - HT-th1
Entries 5.84771e+07
HT-th1
EE101
EE102
3571
843
880
3725
3686
1126
1098
3547
3578
674
1234
3827
4.86952e+06
4.87225e+06
4.87221e+06
4.86937e+06
4.86941e+06
4.87197e+06
4.87199e+06
4.86954e+06
4.86951e+06
4.87242e+06
4.87196e+06
4.86926e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

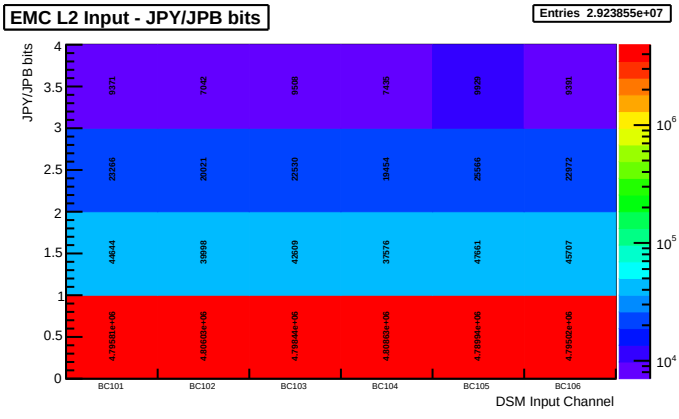

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

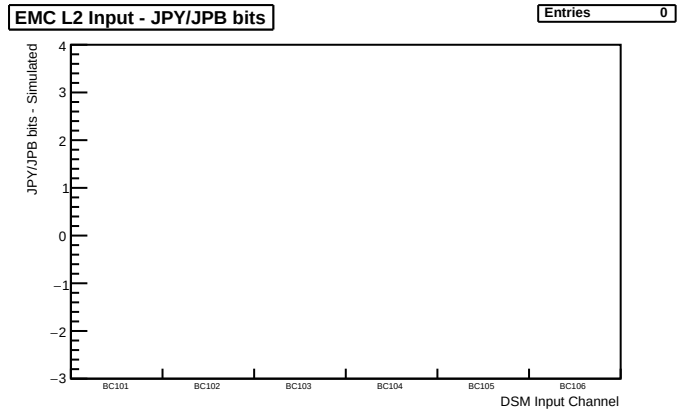

Endcap EMC L1 Input - HT.TP
Entries 5.84771e+07
HT.TP
93181
20205
20700
91691
98699
25462
24872
91707
93306
16766
20798
99520
4.77991e+06
4.85289e+06
4.88238e+06
4.76144e+06
4.77439e+06
4.84763e+06
4.84822e+06
4.76138e+06
4.77979e+06
4.88633e+06
4.85229e+06
4.77357e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

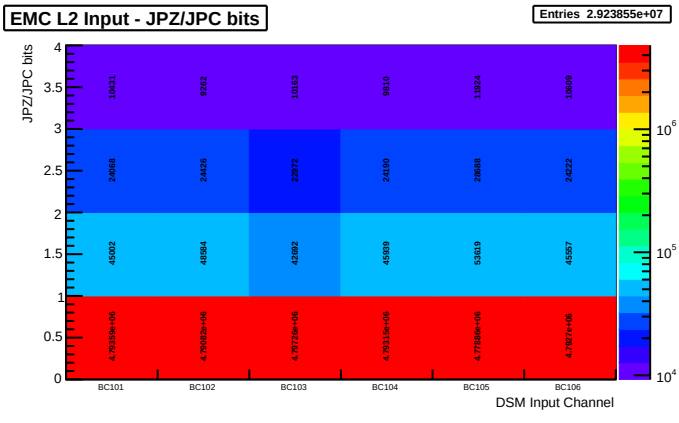

Endcap EMC L1 Input - HT.TP Diff
Entries 1226
HT.TP Diff
4
1178
44
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

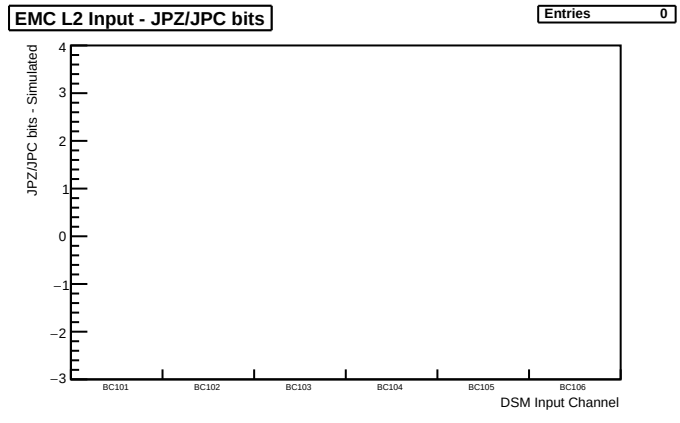

EMC L2 Input - JPX/JPA bits
Entries 2.923855e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

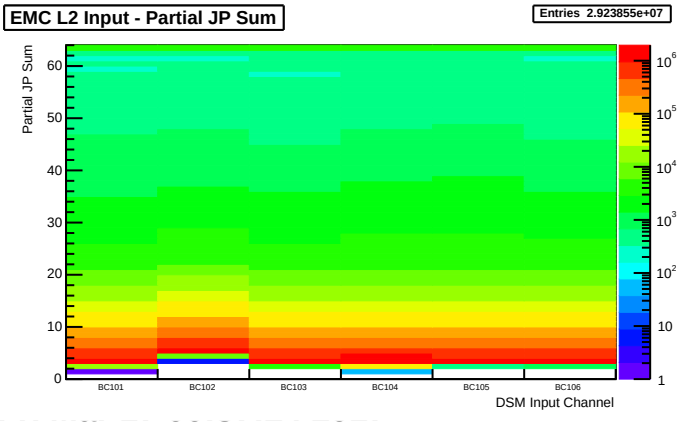

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

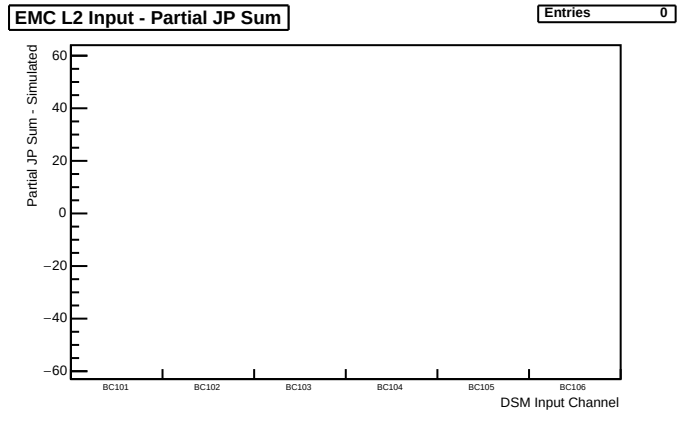

EMC L2 Input - JPY/JPB bits
Entries 2.923855e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

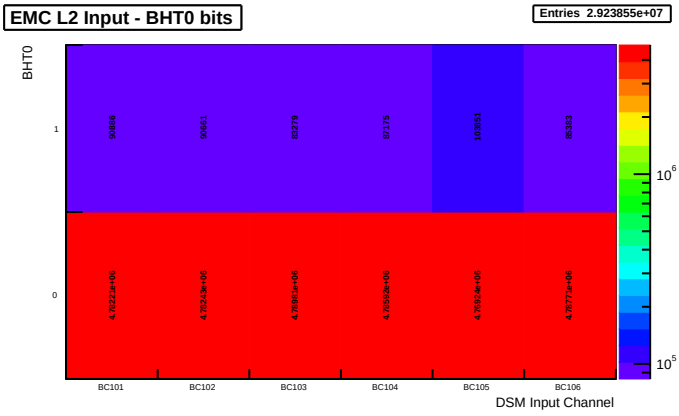

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

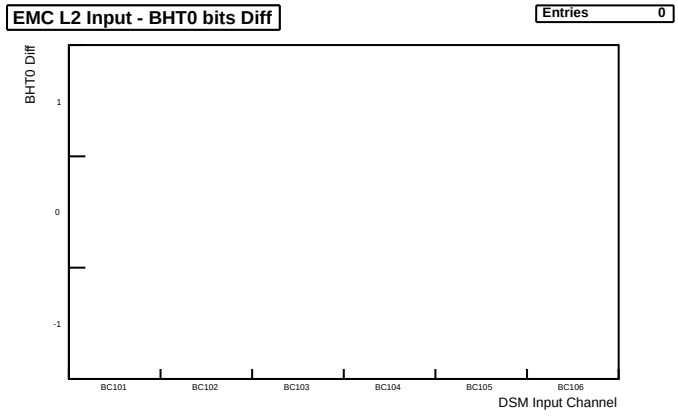

EMC L2 Input - JPZ/JPC bits
Entries 2.923855e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

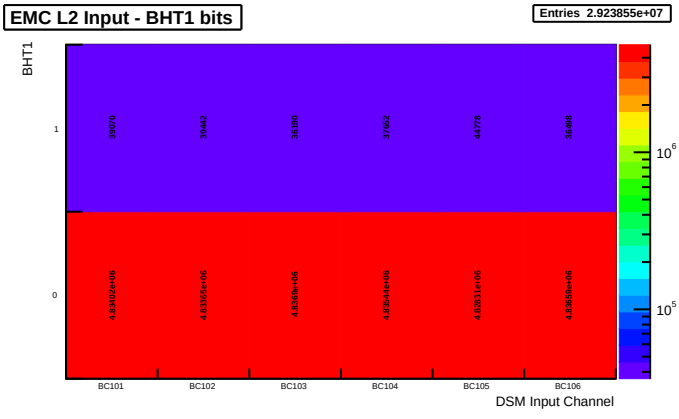

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

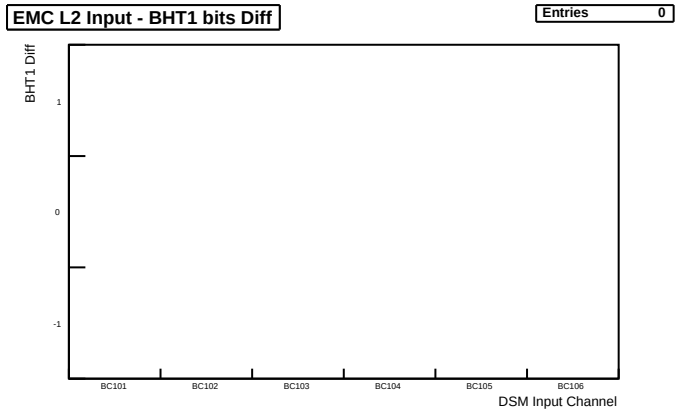

EMC L2 Input - Partial JP Sum
Entries 2.923855e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

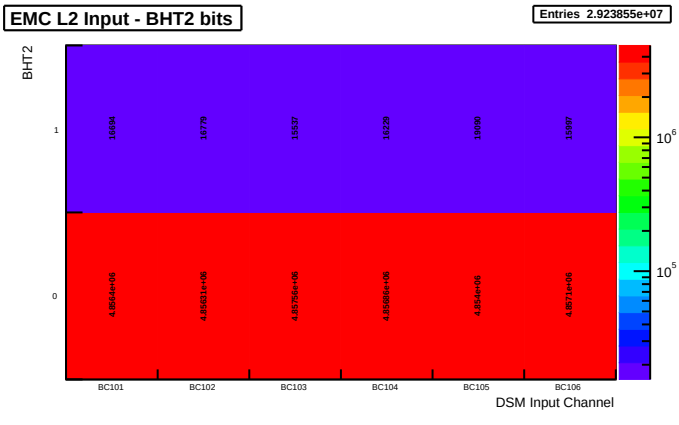

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

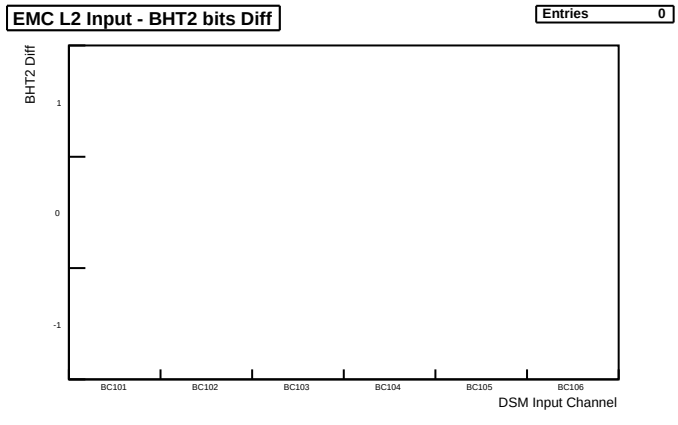

EMC L2 Input - BHT0 bits
Entries 2.923855e+07
BHT0
1
0
90886
90661
85279
87175
103851
85383
4.79221e+06
4.79243e+06
4.79881e+06
4.78592e+06
4.79524e+06
4.79779e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

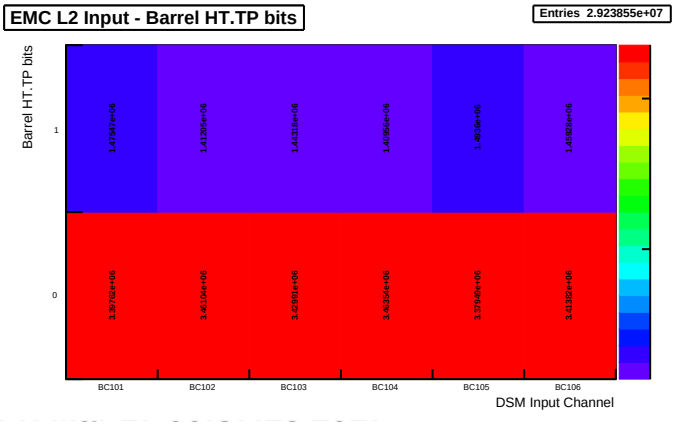

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

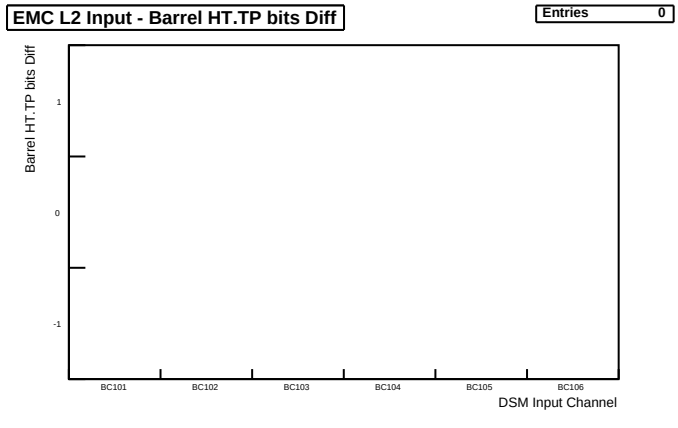

EMC L2 Input - BHT1 bits
Entries 2.923855e+07
BHT1
1
0
33070
33442
35190
37652
44778
35408
4.83402e+06
4.83365e+06
4.83596e+06
4.83544e+06
4.82931e+06
4.83659e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

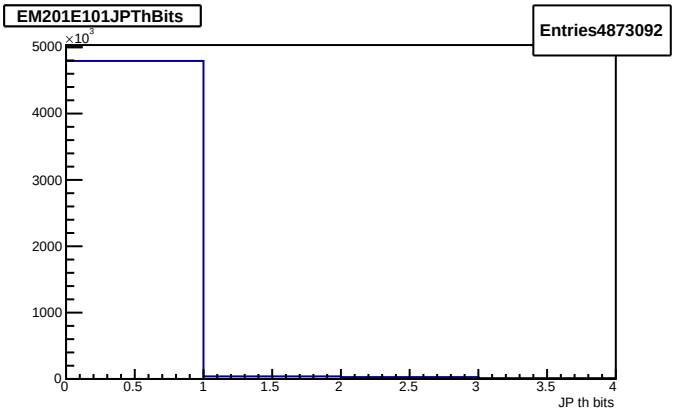

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

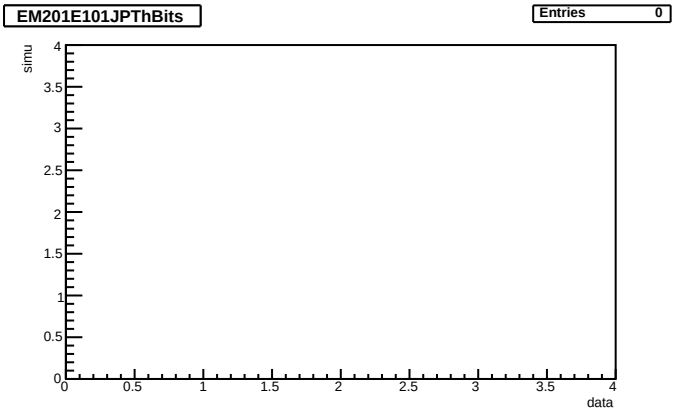

EMC L2 Input - BHT2 bits
Entries 2.923855e+07
BHT2
1
0
16694
16779
15537
16223
19990
15997
4.85644e+06
4.85631e+06
4.85756e+06
4.85686e+06
4.854e+06
4.8571e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

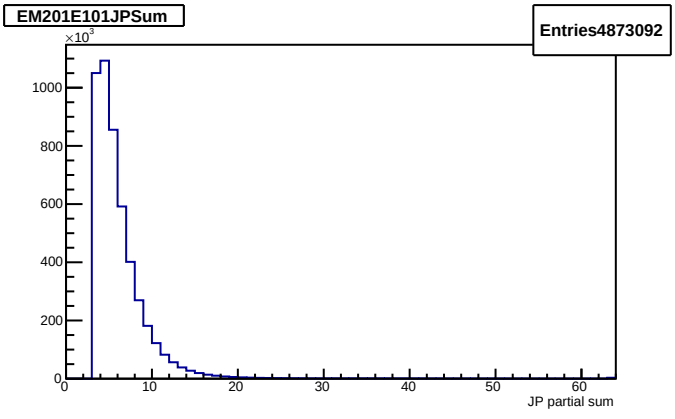

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

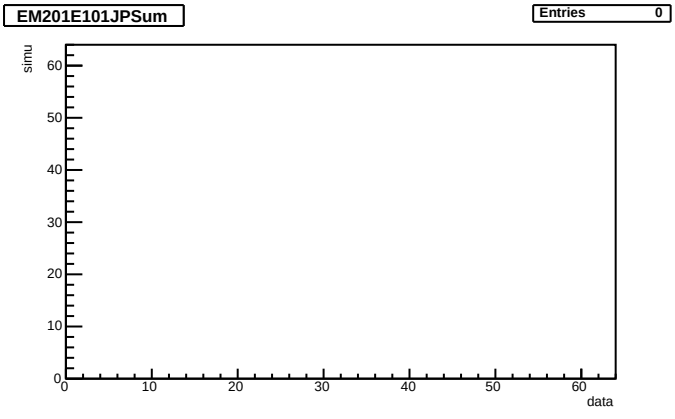

EMC L2 Input - Barrel HT.TP bits
Entries 2.923855e+07
Barrel HT.TP bits
1
0
1.47547e+06
1.41205e+06
1.44318e+06
1.40956e+06
1.4636e+06
1.45928e+06
3.39782e+06
3.46104e+06
3.42991e+06
3.46354e+06
3.37949e+06
3.41382e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

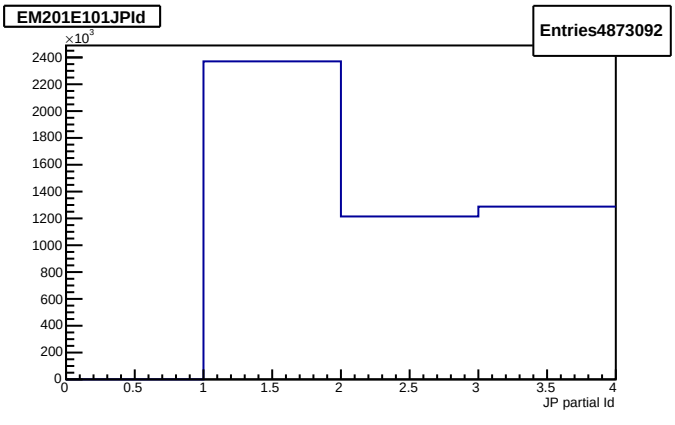

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

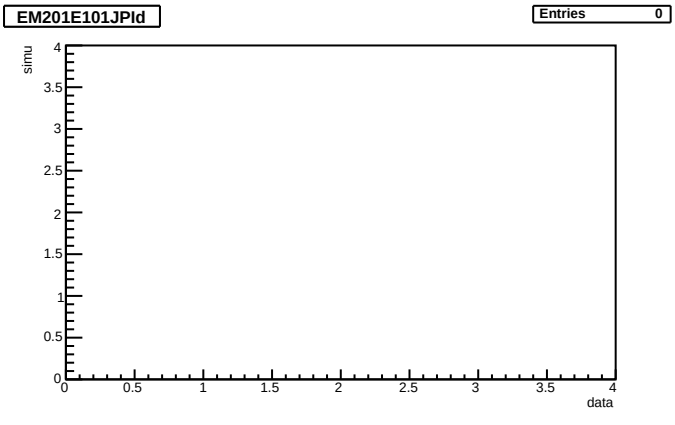

EM201E101JPThBits
Entries4873092
×10^3
JP th bits

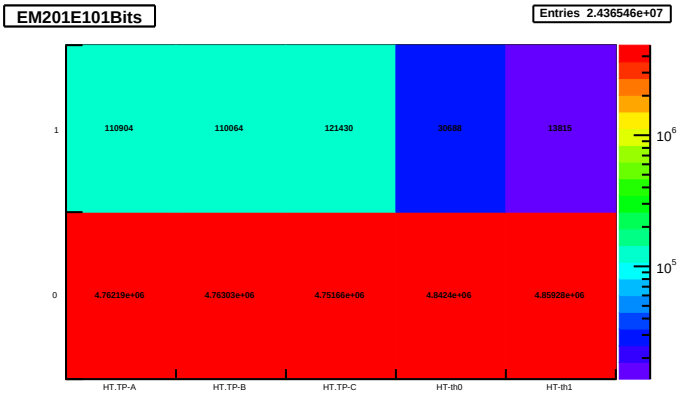

EM201E101JPThBits
Entries 0
simu
data

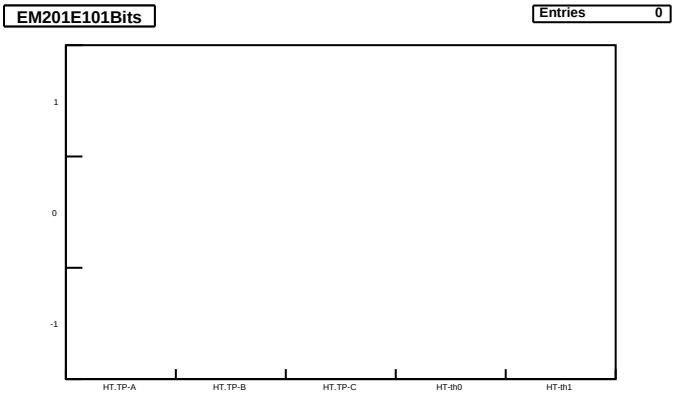

EM201E101JPSum
Entries4873092
×10^3
JP partial sum

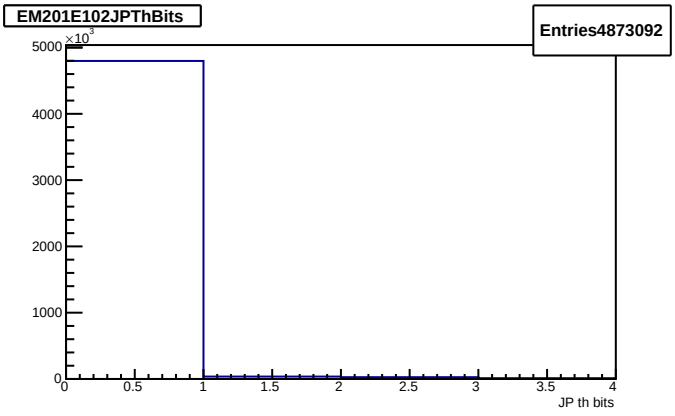

EM201E101JPSum
Entries 0
simu
data

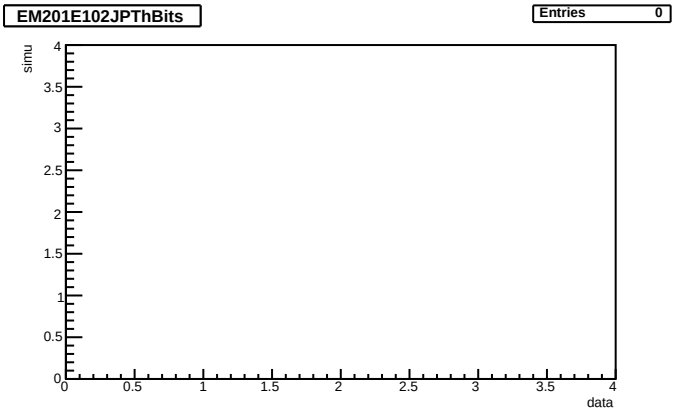

EM201E101JPId
Entries4873092
×10^3
JP partial Id

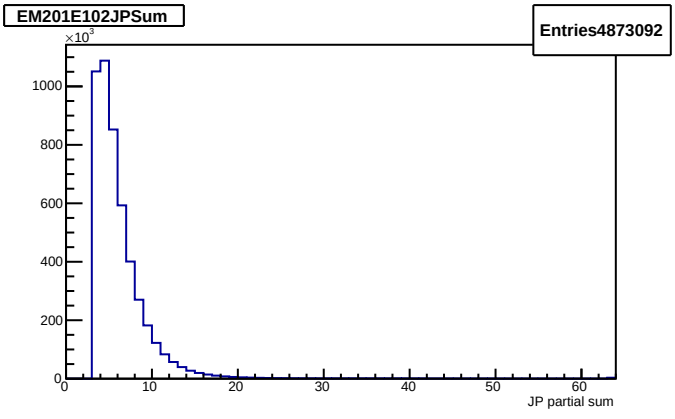

EM201E101JPId
Entries 0
simu
data

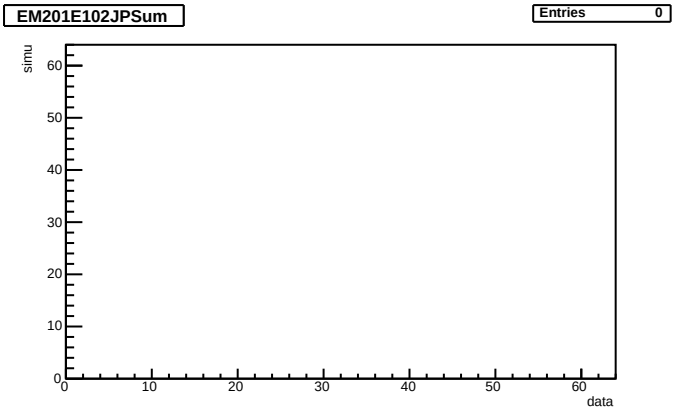

EM201E101Bits
Entries 2.436546e+07
110904
110064
121430
30688
13815
4.76219e+06
4.76303e+06
4.75166e+06
4.8424e+06
4.85928e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

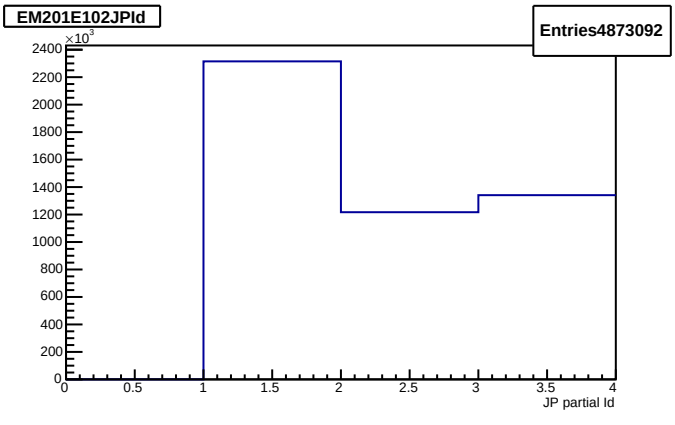

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

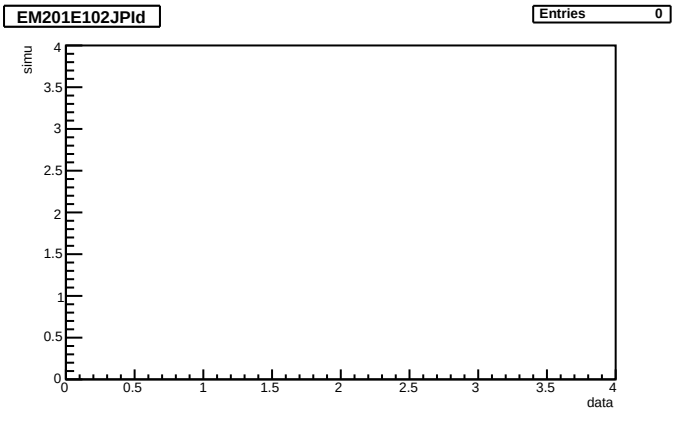

EM201E102JPThBits
Entries4873092
×10^3
JP th bits

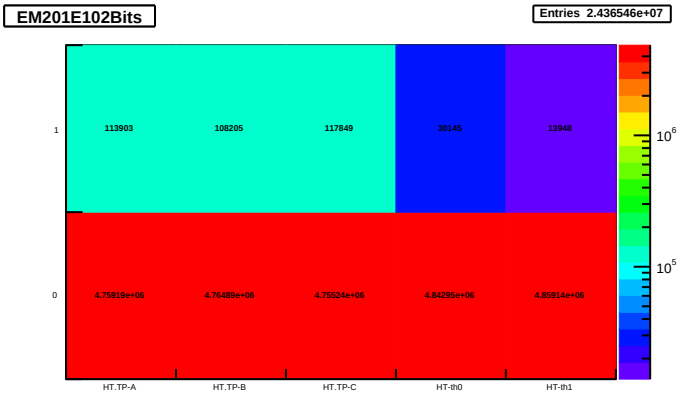

EM201E102JPThBits
Entries 0
simu
data

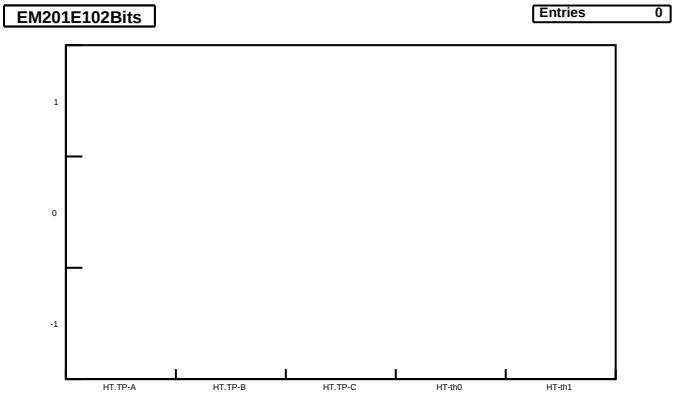

EM201E102JPSum
Entries4873092
×10^3
JP partial sum

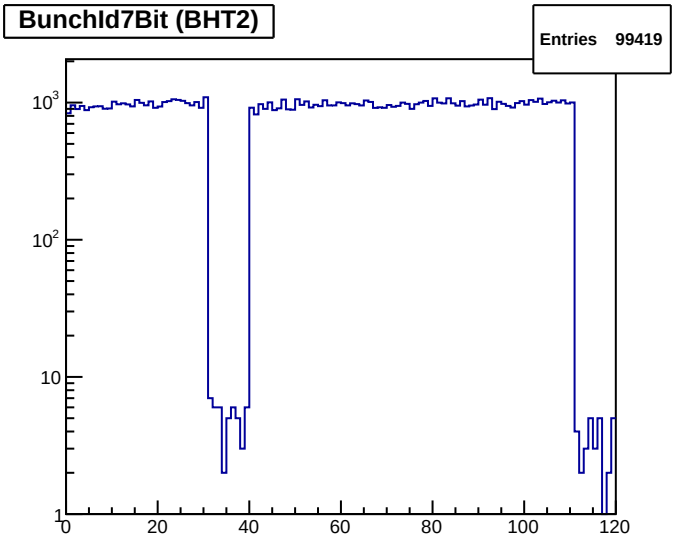

EM201E102JPSum
Entries 0
simu
data

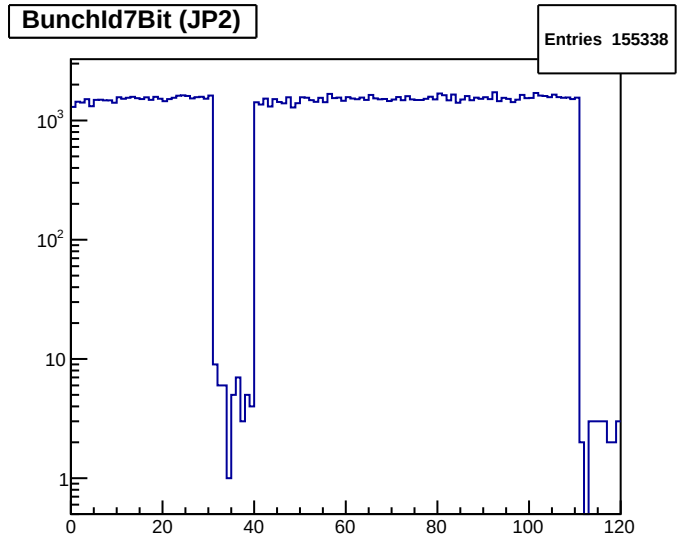

EM201E102JPId
Entries4873092
×10^3
JP partial Id

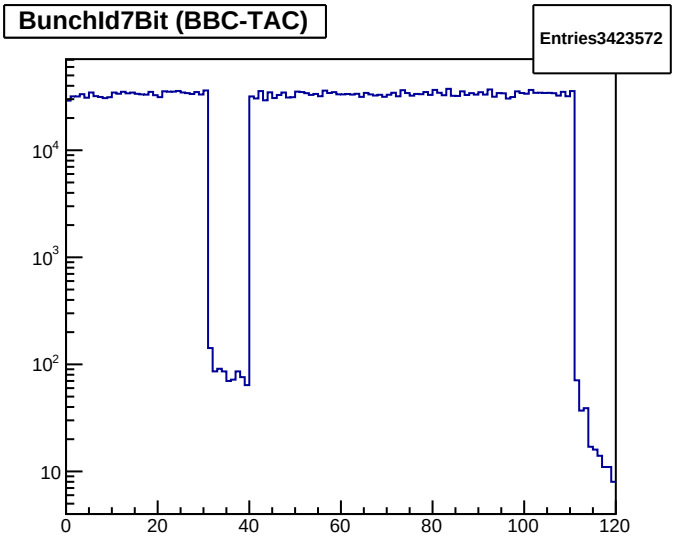

EM201E102JPId
Entries 0
simu
data

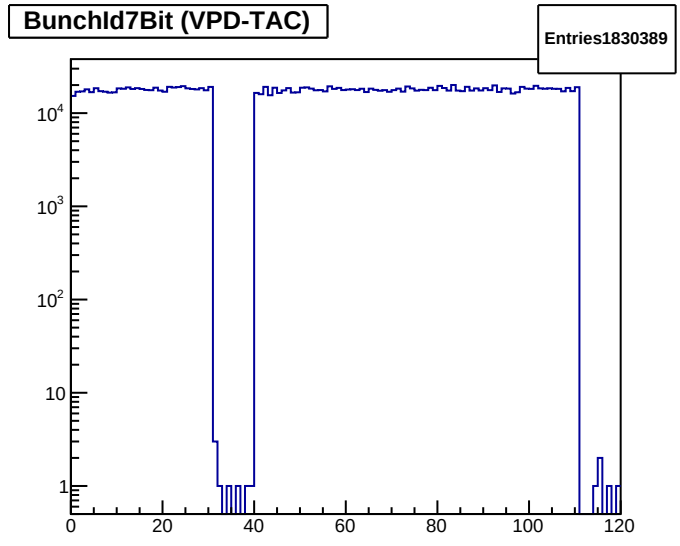

EM201E102Bits
Entries 2.436546e+07
113903
108205
117849
30145
13948
4.75919e+06
4.76489e+06
4.75524e+06
4.84295e+06
4.85914e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

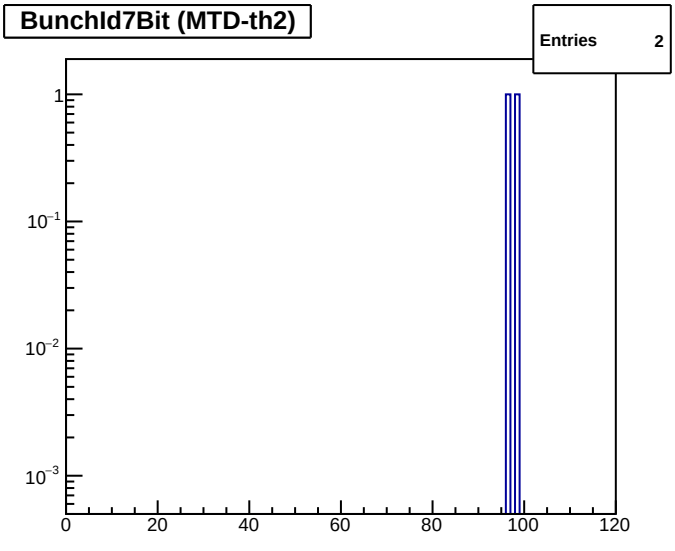

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

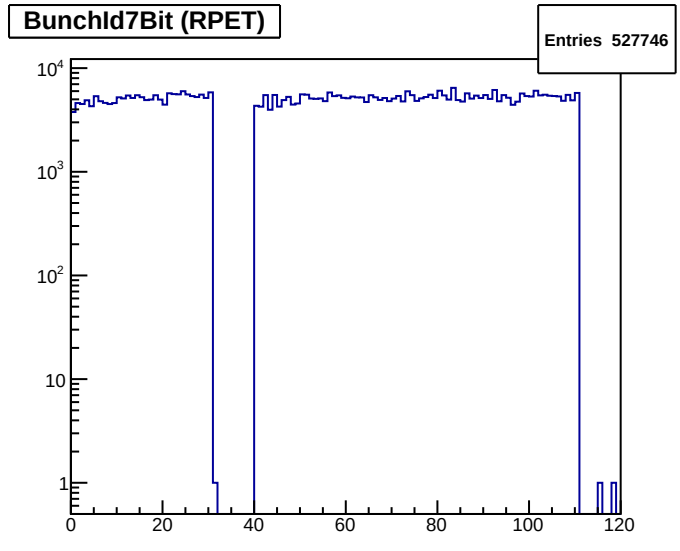

BunchId7Bit (BHT2)
Entries 99419

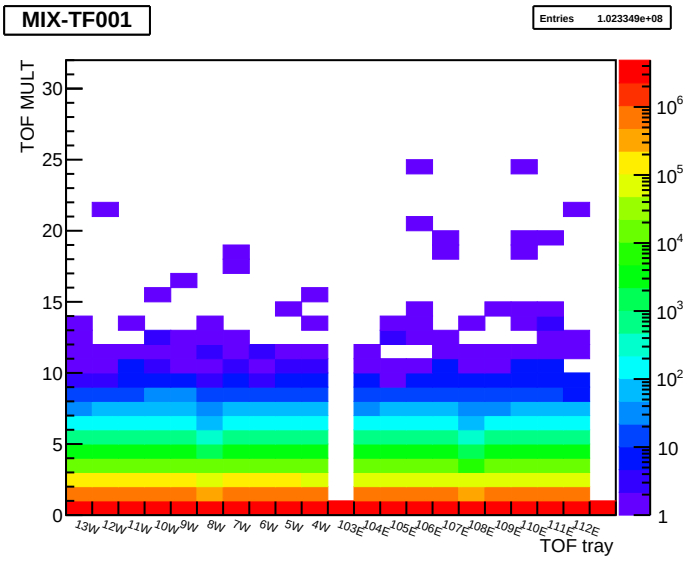

BunchId7Bit (JP2)
Entries 155338

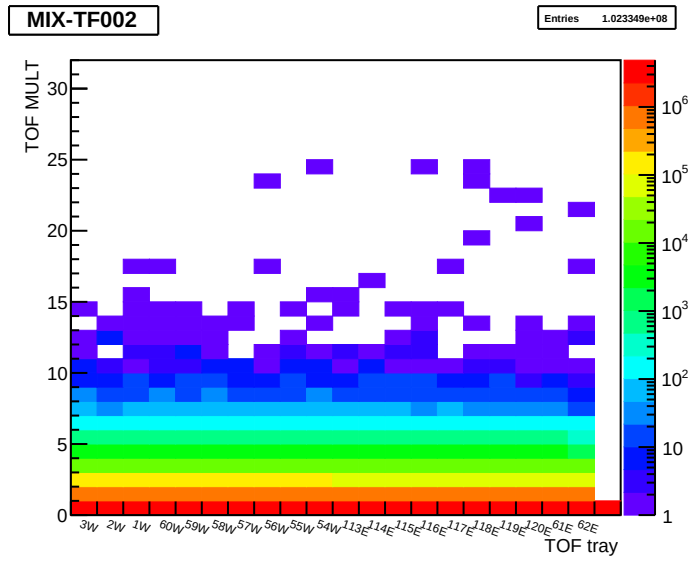

BunchId7Bit (BBC-TAC)
Entries3423572

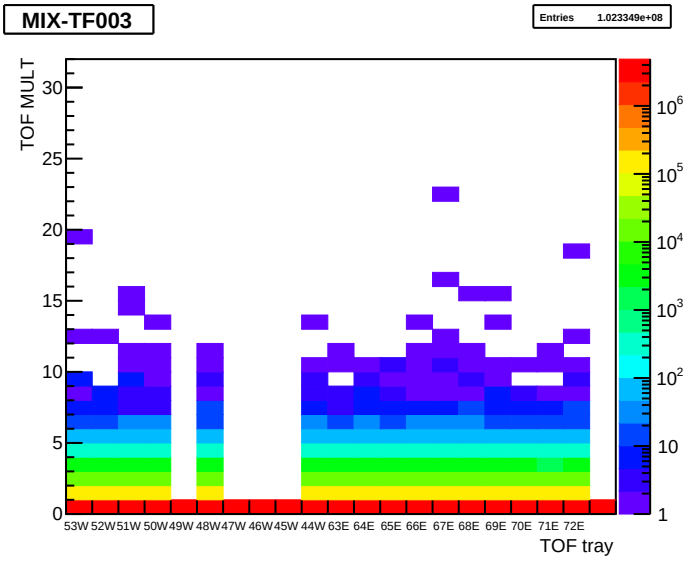

BunchId7Bit (VPD-TAC)
Entries1830389

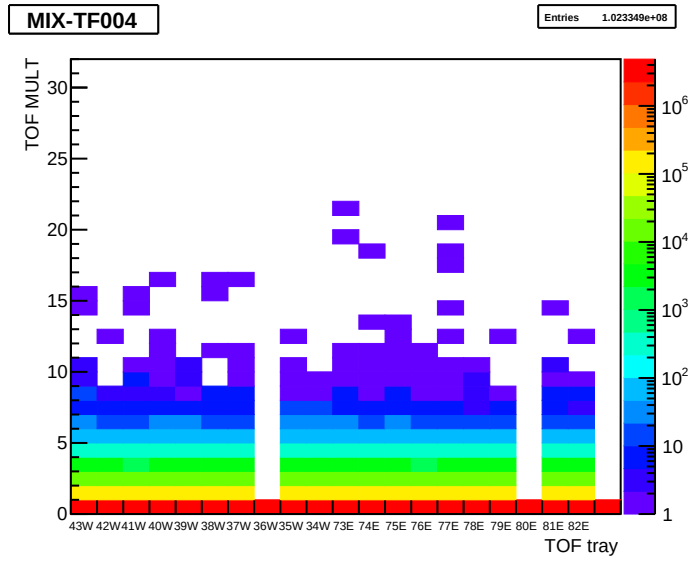

BunchId7Bit (MTD-th2)
Entries 2

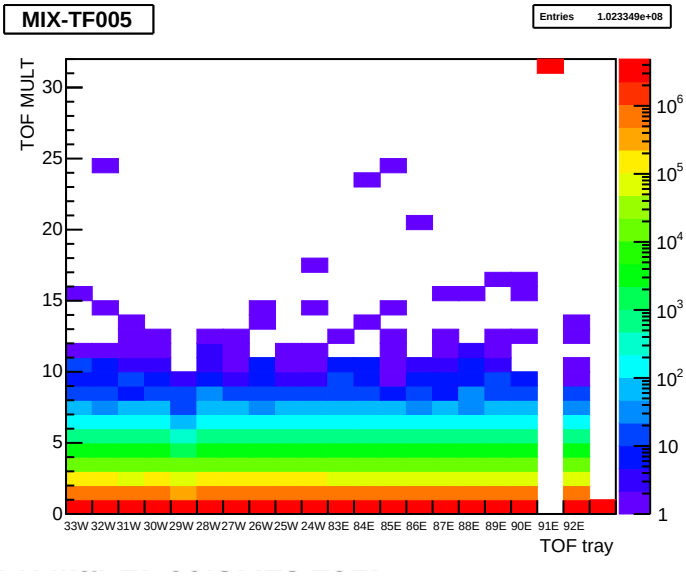

BunchId7Bit (RPET)
Entries 527746

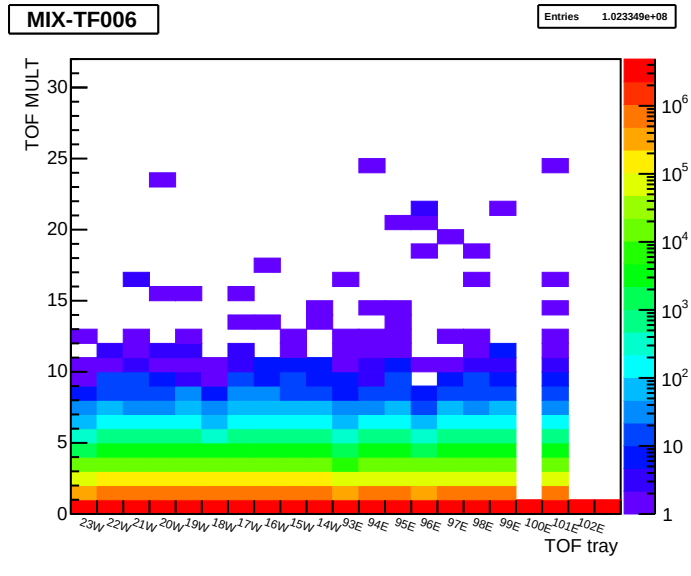

MIX-TF001
Entries 1.023349e+08
TOF MULT
TOF tray

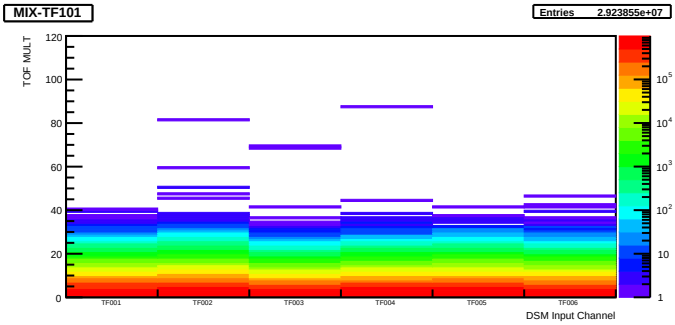

MIX-TF002
Entries 1.023349e+08
TOF MULT
TOF tray

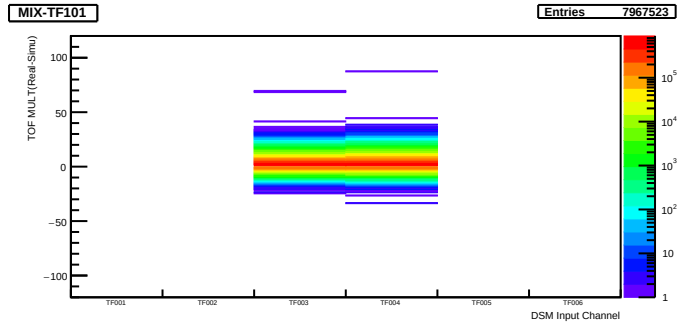

MIX-TF003
Entries 1.023349e+08
TOF MULT
TOF tray

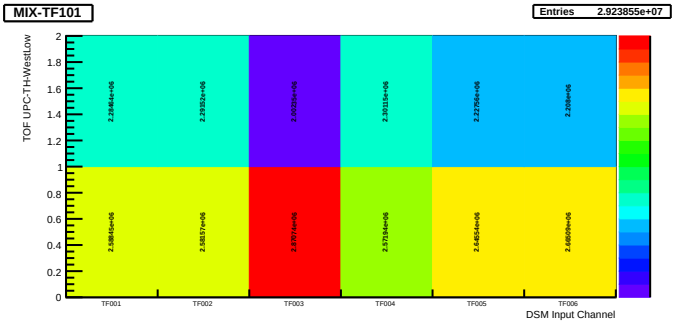

MIX-TF004
Entries 1.023349e+08
TOF MULT
TOF tray

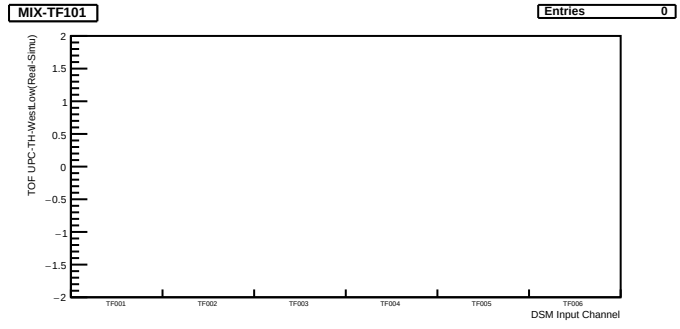

MIX-TF005
Entries 1.023349e+08
TOF MULT
TOF tray

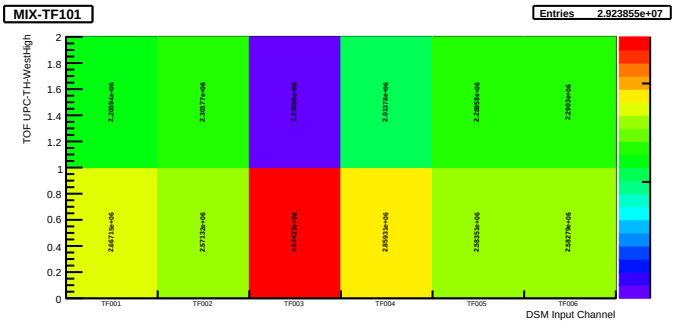

MIX-TF006
Entries 1.023349e+08
TOF MULT
TOF tray

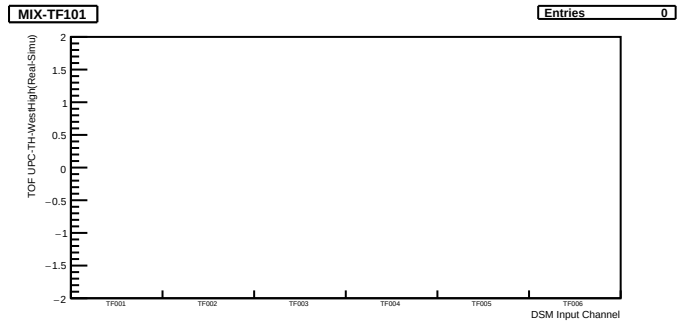

MIX-TF101
Entries 2.923855e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

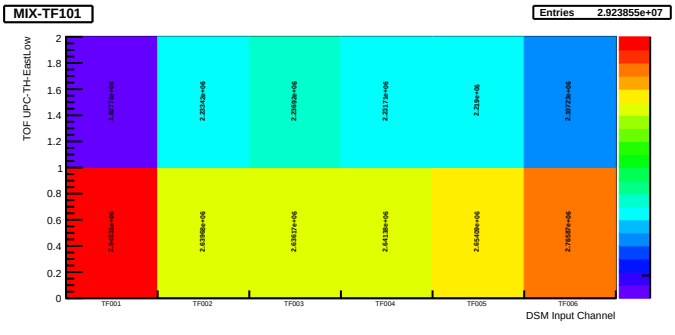

MIX-TF101
Entries 7967523
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

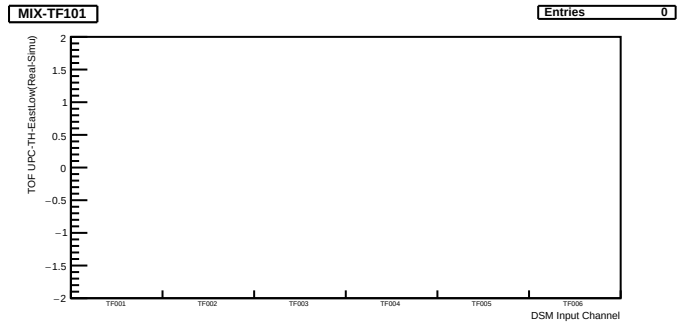

MIX-TF101
Entries 2.923855e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

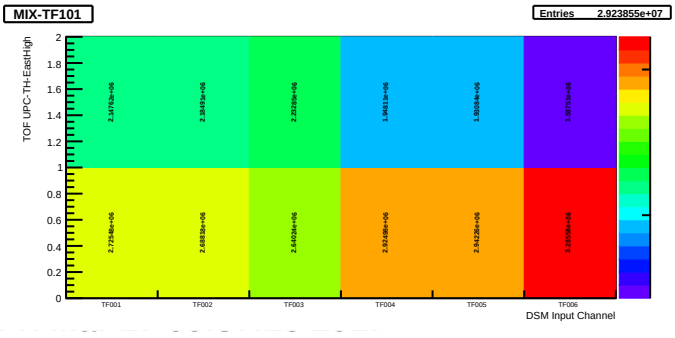

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

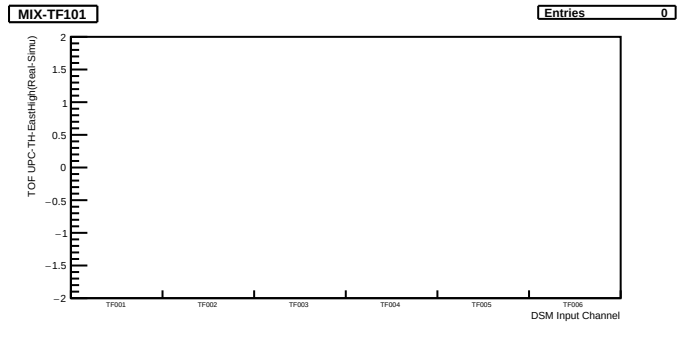

MIX-TF101
Entries 2.923855e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

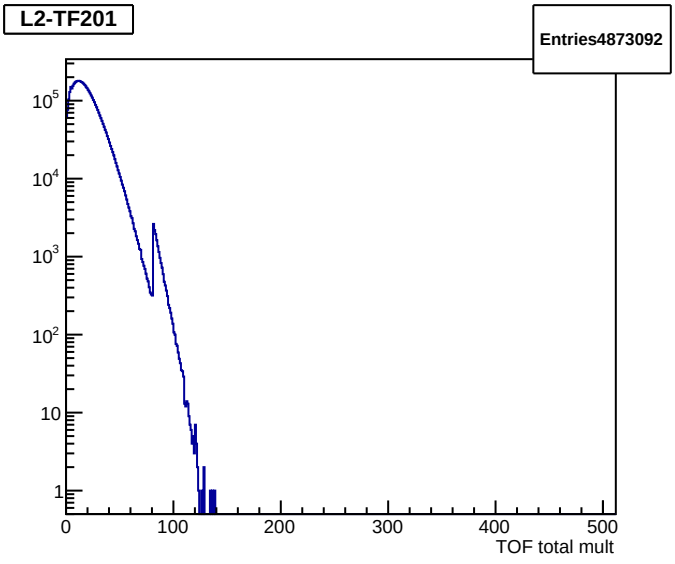

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

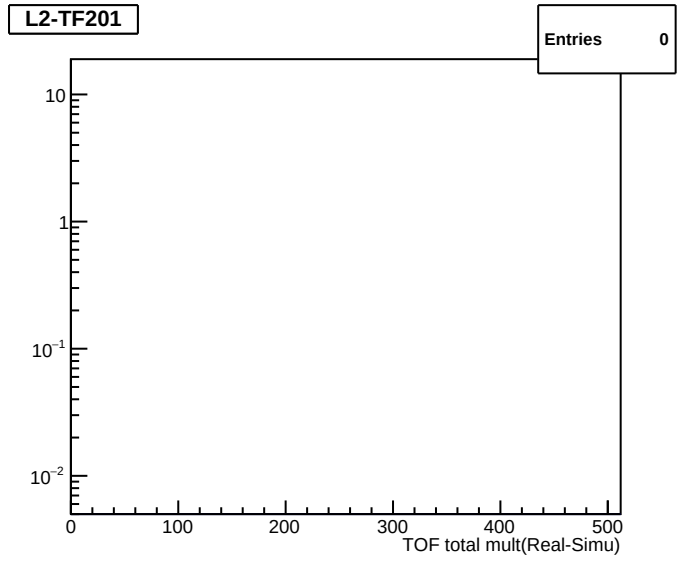

MIX-TF101
Entries 2.923855e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

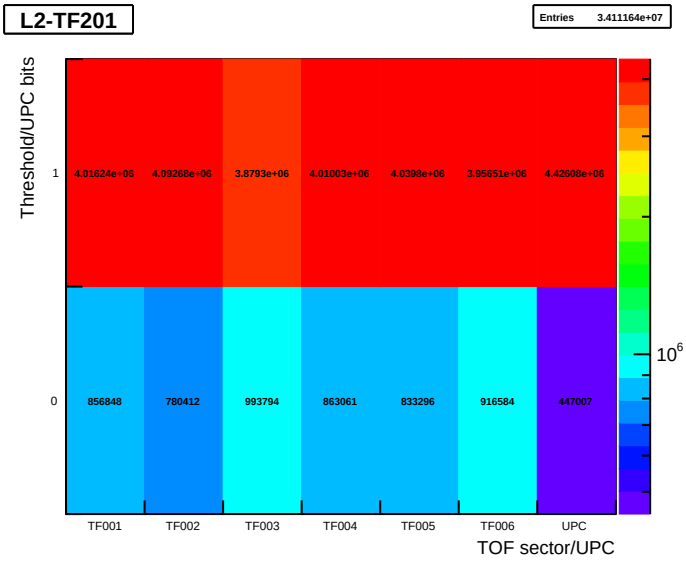

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

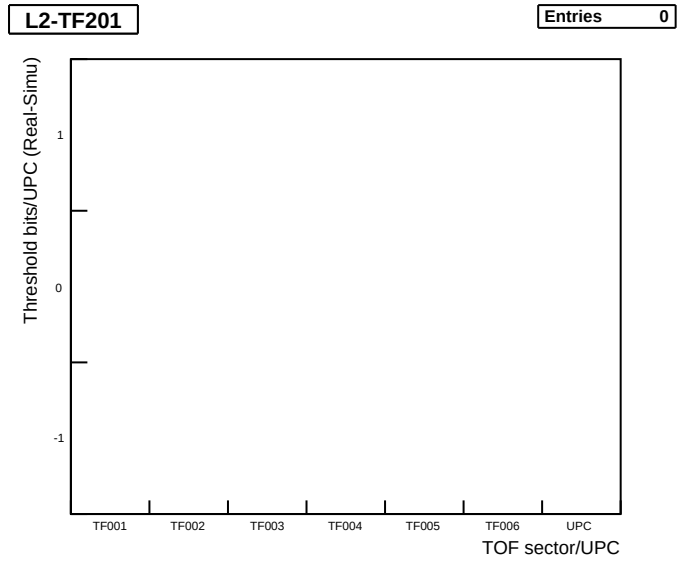

MIX-TF101
Entries 2.923855e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

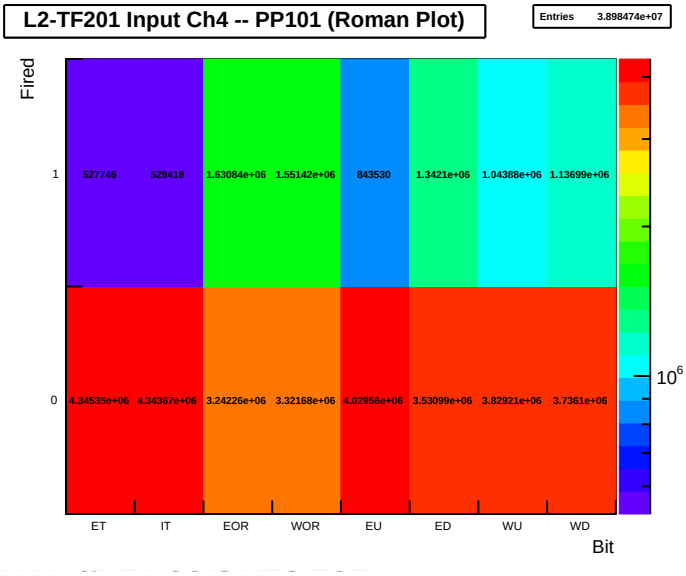

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

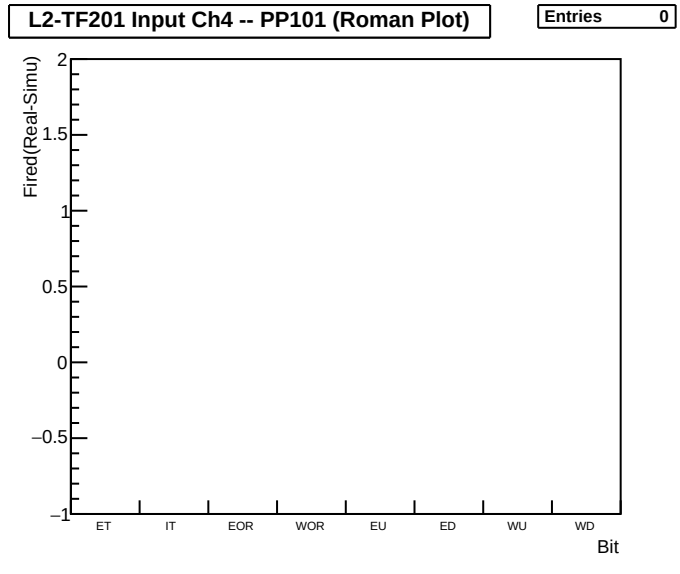

L2-TF201
Entries4873092
TOF total mult

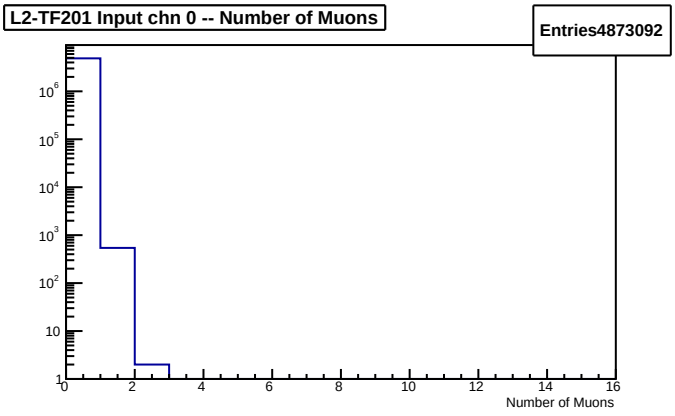

L2-TF201
Entries 0
TOF total mult(Real-Simu)

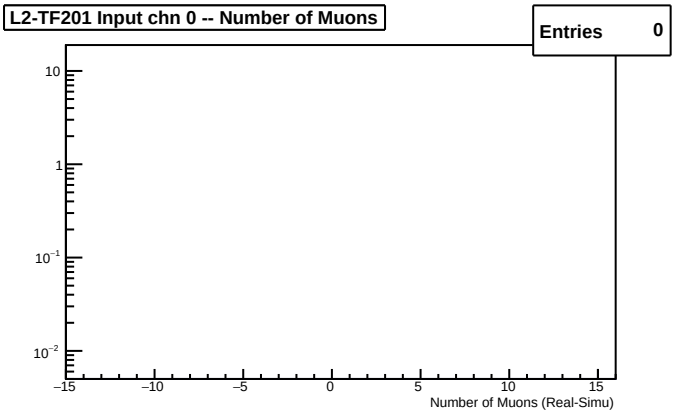

L2-TF201
Entries 3.411164e+07
Threshold/UPC bits
4.01624e+06
4.09268e+06
3.8793e+06
4.01003e+06
4.0398e+06
3.95651e+06
4.42608e+06
856848
780412
993794
863061
833296
916584
447007
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

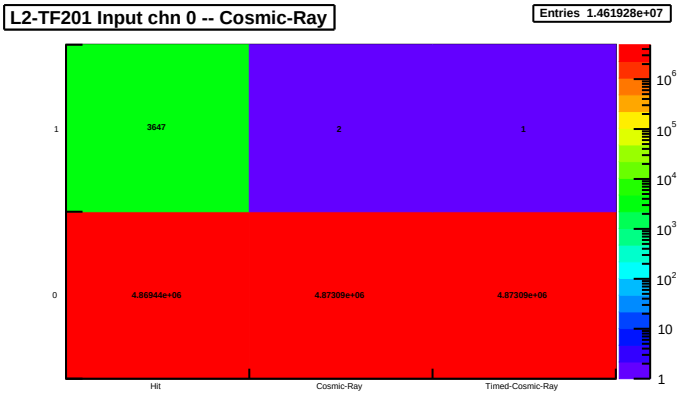

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

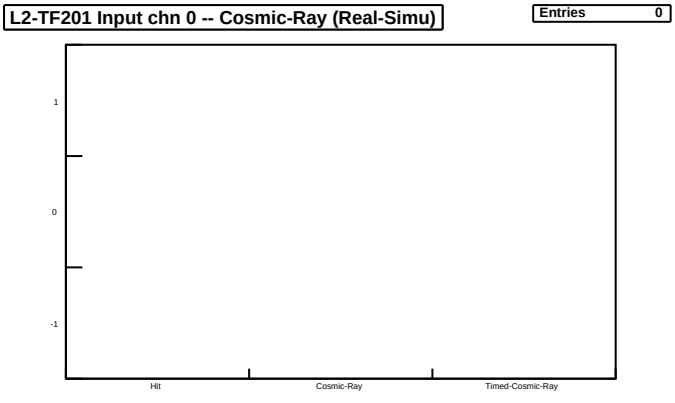

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.898474e+07
Fired
527746
529418
1.63084e+06
1.55142e+06
843530
1.3421e+06
1.04388e+06
1.13699e+06
4.34535e+06
4.34367e+06
3.24226e+06
3.32168e+06
4.02956e+06
3.53099e+06
3.82921e+06
3.7361e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

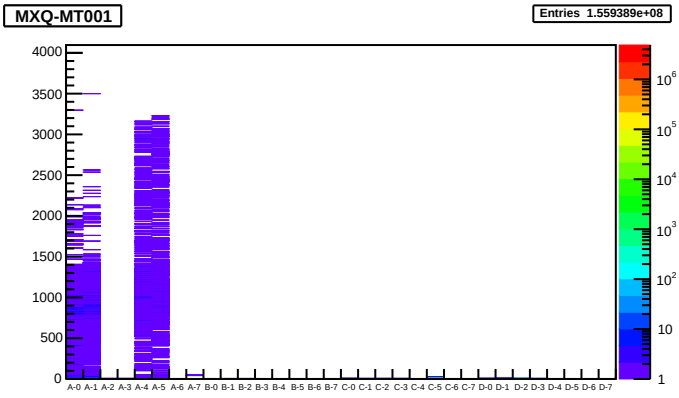

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

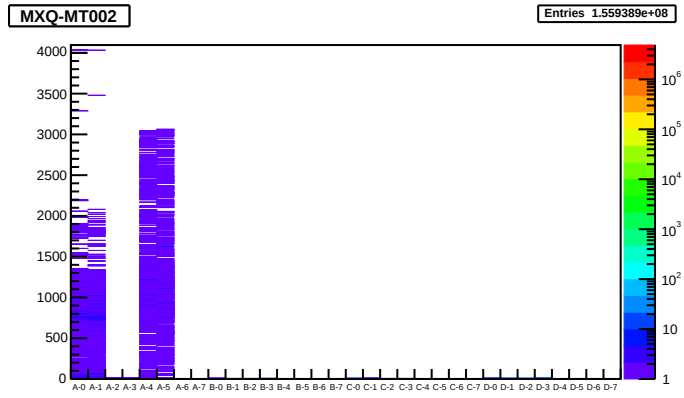

L2-TF201 Input chn 0 -- Number of Muons
Entries4873092
Number of Muons

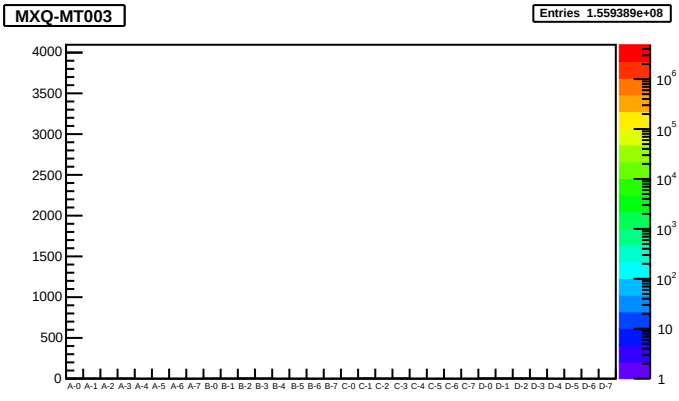

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

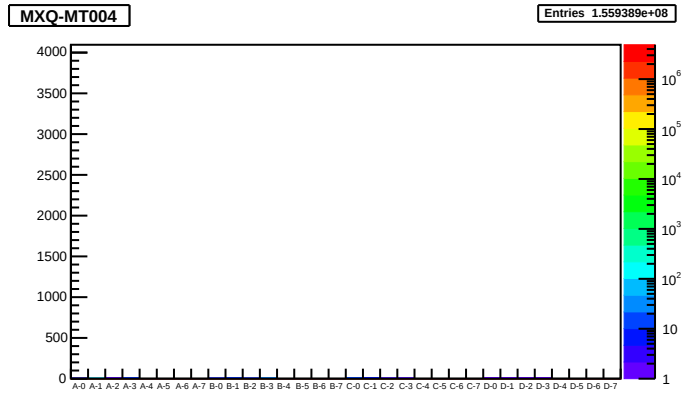

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.461928e+07
3647
2
1
4.86944e+06
4.87309e+06
4.87309e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

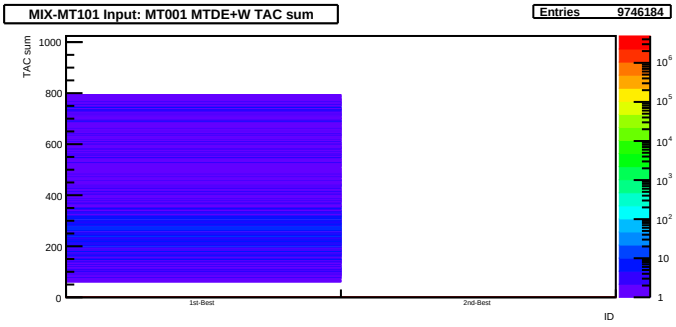

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

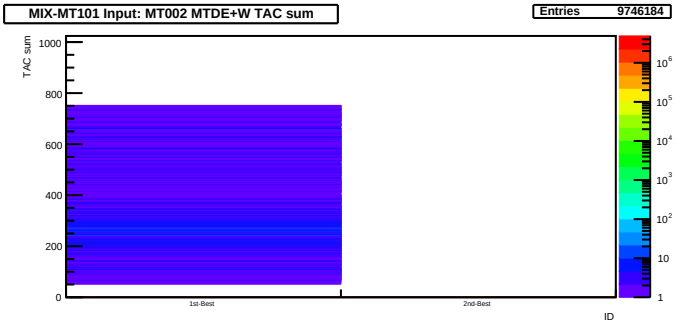

MXQ-MT001
Entries 1.559389e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

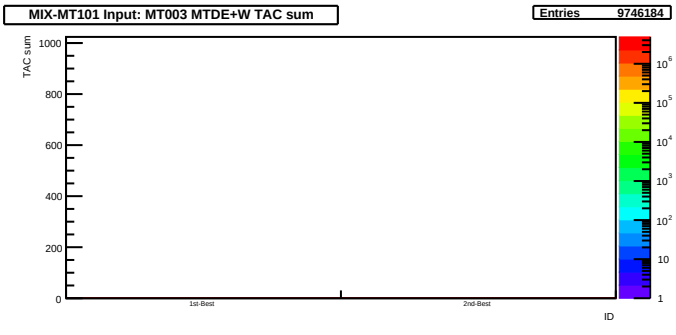

MXQ-MT002
Entries 1.559389e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

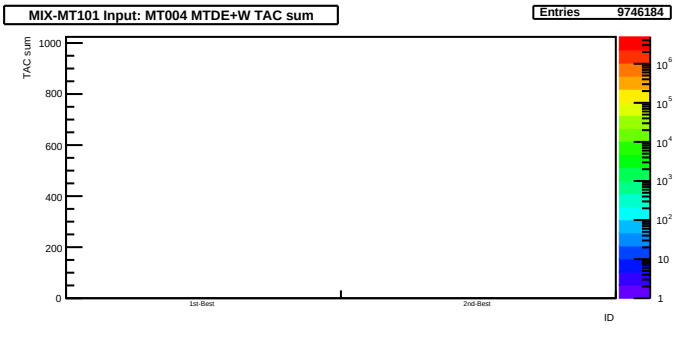

MXQ-MT003
Entries 1.559389e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

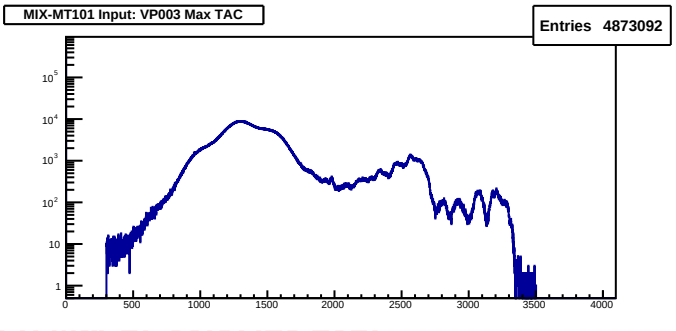

MXQ-MT004
Entries 1.559389e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

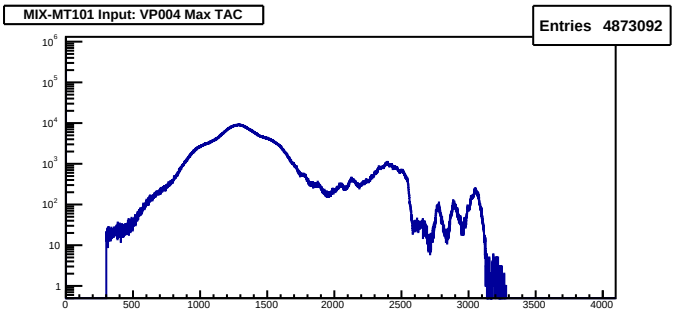

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9746184
TAC sum
1st-Best
2nd-Best
ID

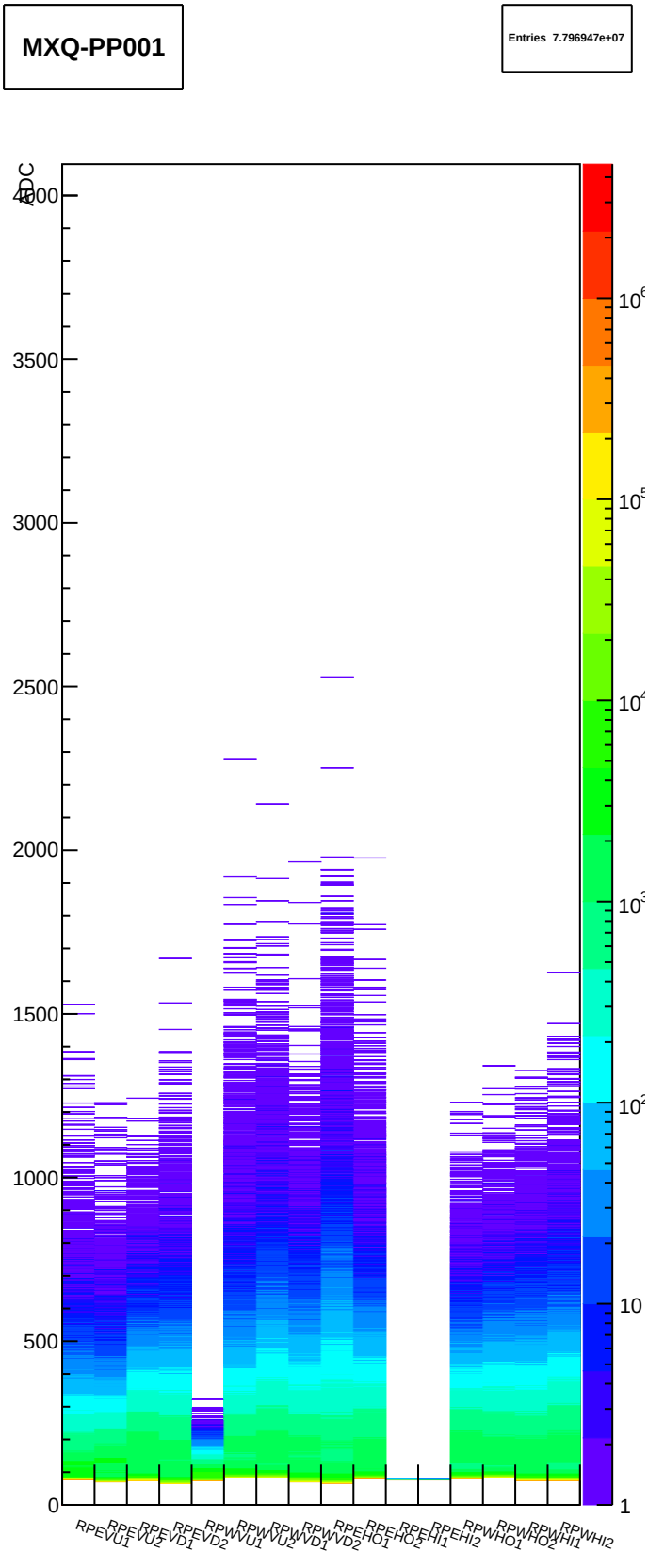

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9746184
TAC sum
1st-Best
2nd-Best
ID

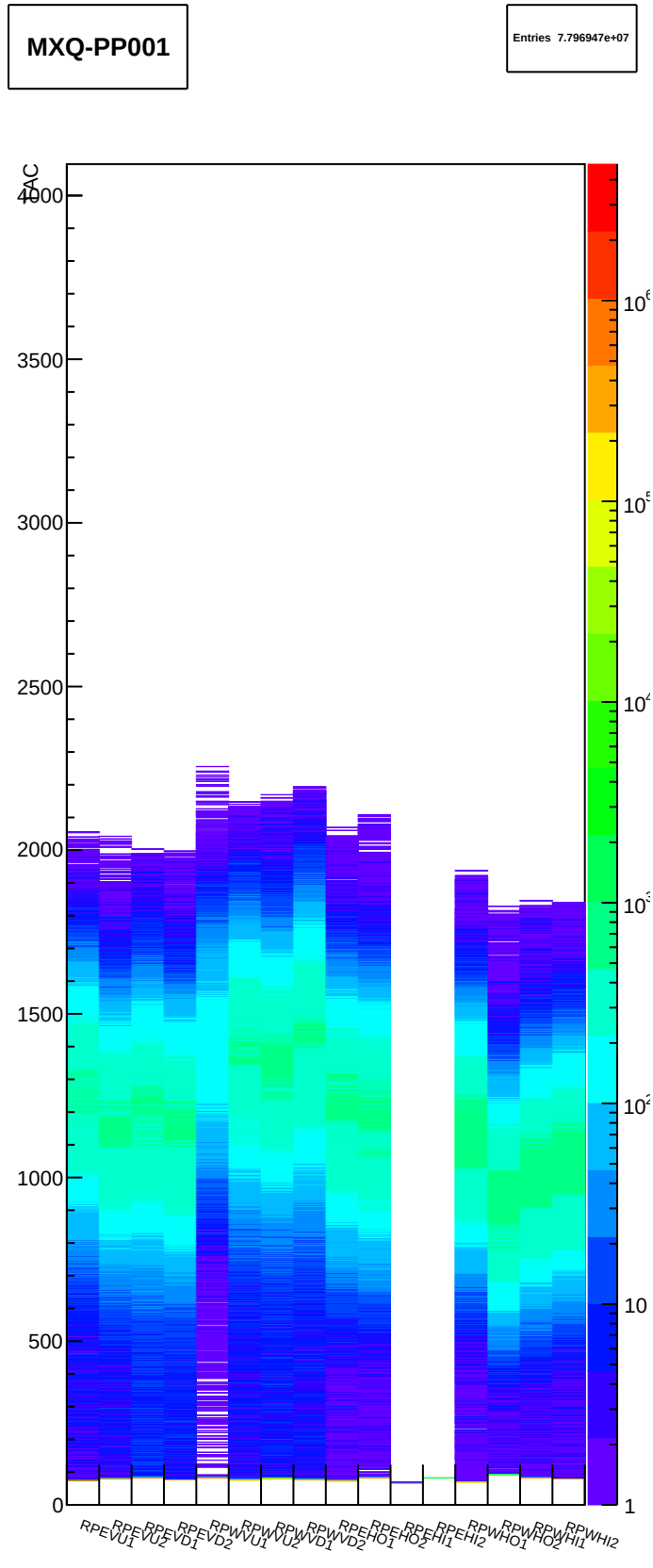

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9746184
TAC sum
1st-Best
2nd-Best
ID

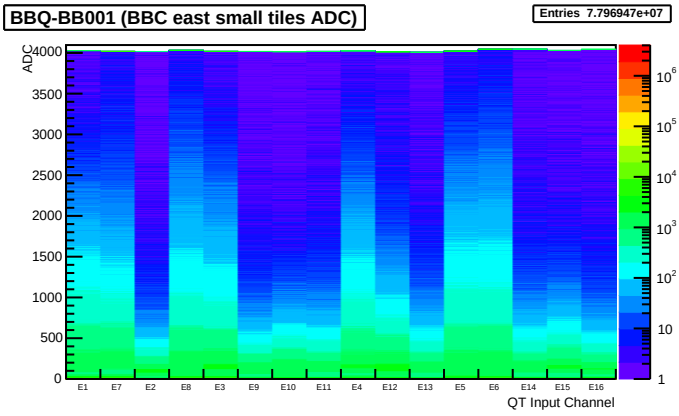

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9746184
TAC sum
1st-Best
2nd-Best
ID

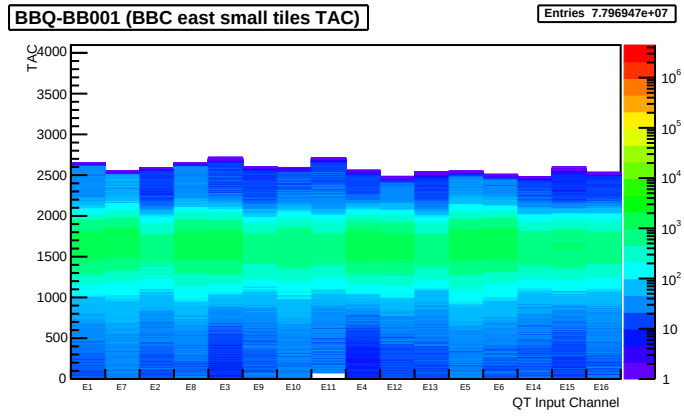

MIX-MT101 Input: VP003 Max TAC
Entries 4873092

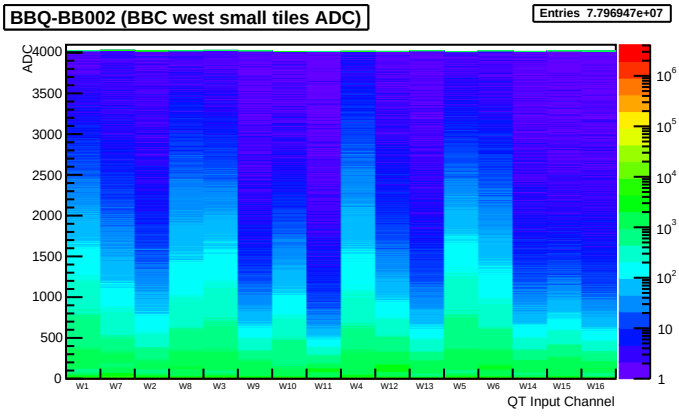

MIX-MT101 Input: VP004 Max TAC
Entries 4873092

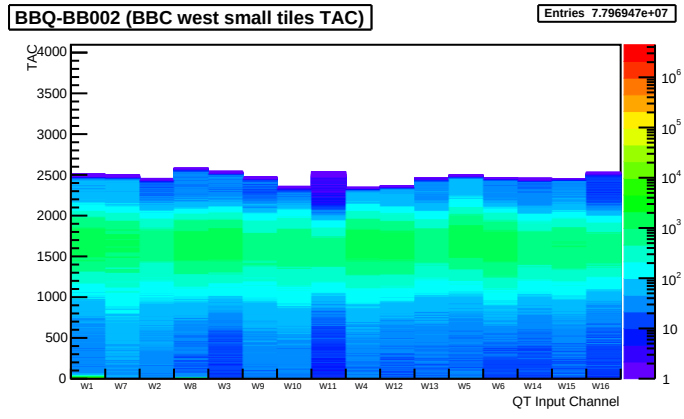

MXQ-PP001
Entries 7.796947e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

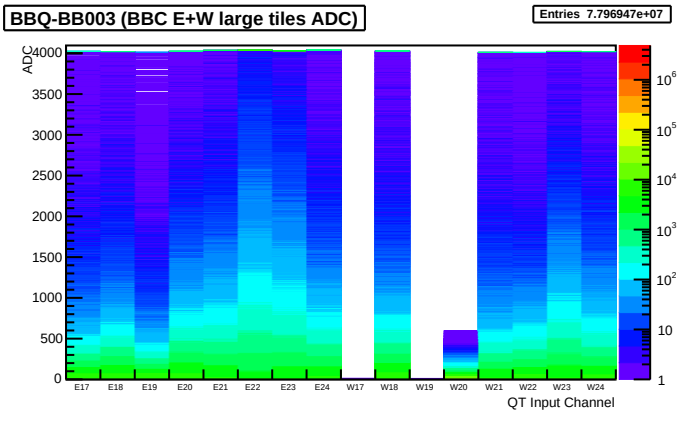

MXQ-PP001
Entries 7.796947e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

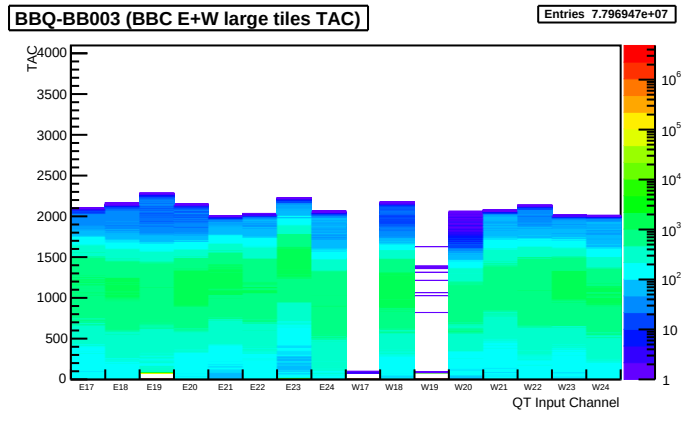

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.796947e+07
ADC
QT Input Channel

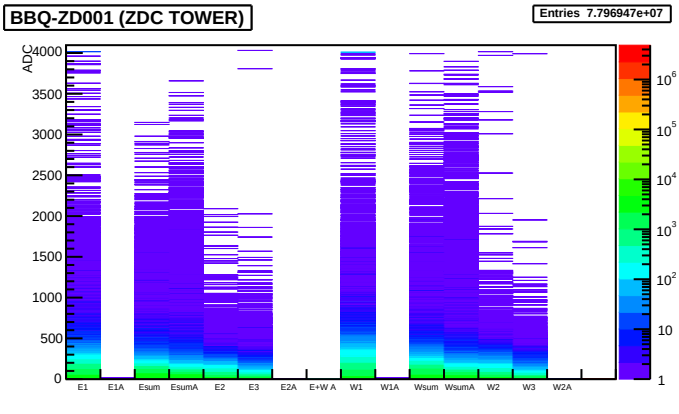

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.796947e+07
TAC
QT Input Channel

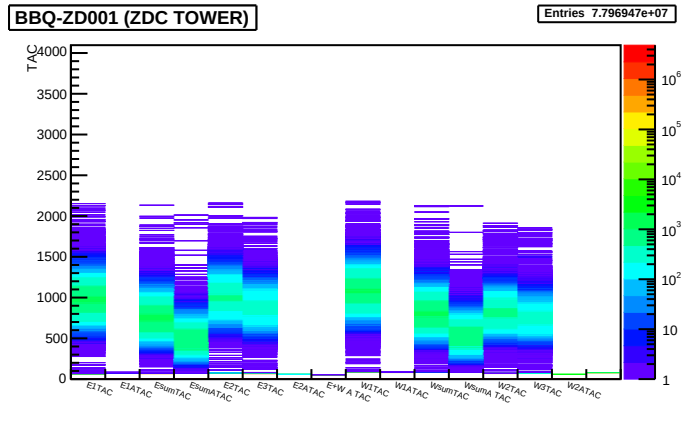

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.796947e+07
ADC
QT Input Channel

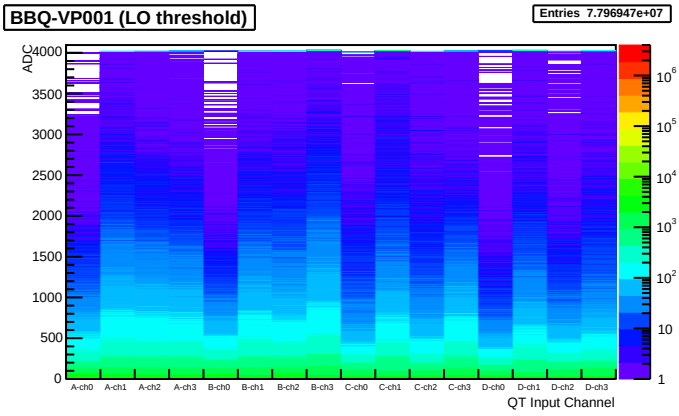

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.796947e+07
TAC
QT Input Channel

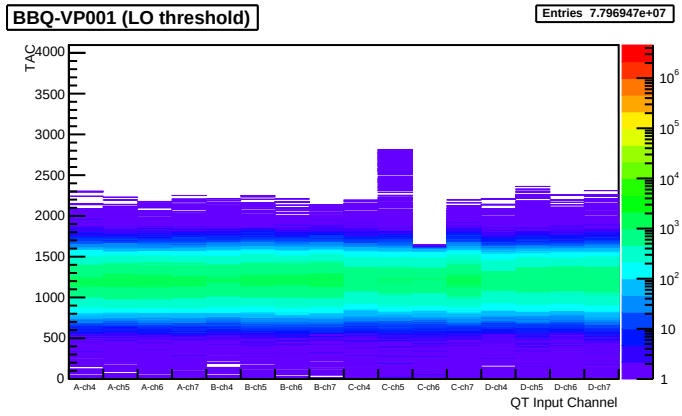

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.796947e+07
ADC
QT Input Channel

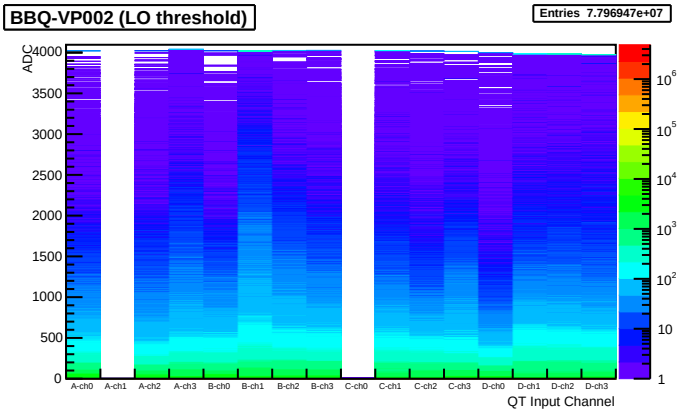

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.796947e+07
TAC
QT Input Channel

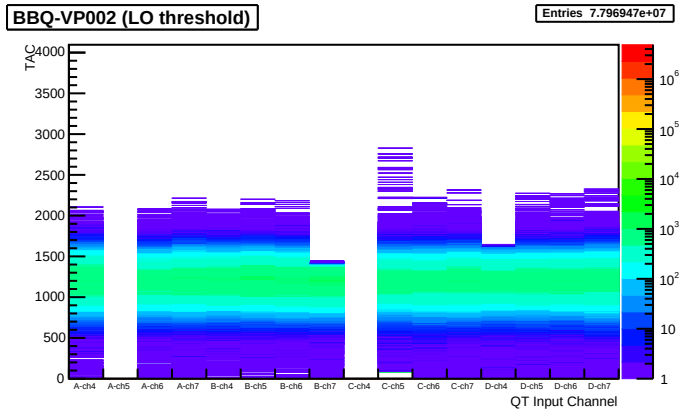

BBQ-ZD001 (ZDC TOWER)
Entries 7.796947e+07
ADC

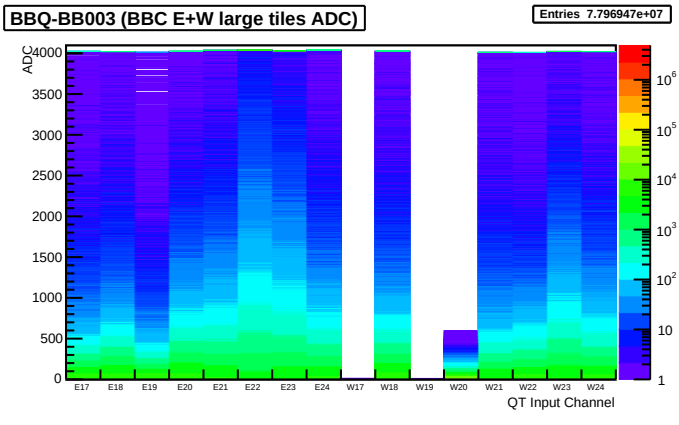

BBQ-ZD001 (ZDC TOWER)
Entries 7.796947e+07
TAC

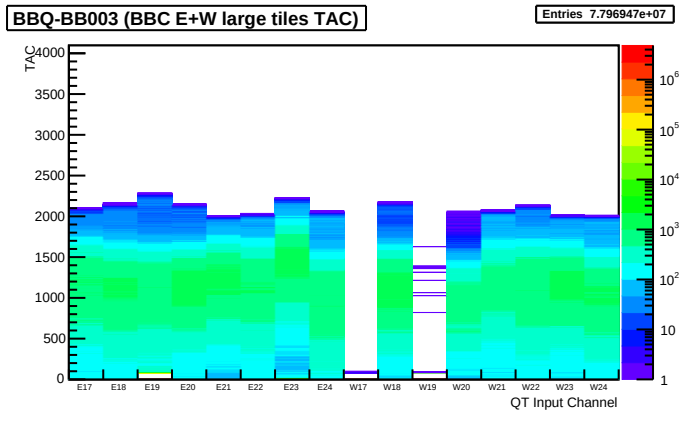

BBQ-VP001 (LO threshold)
Entries 7.796947e+07
ADC
QT Input Channel

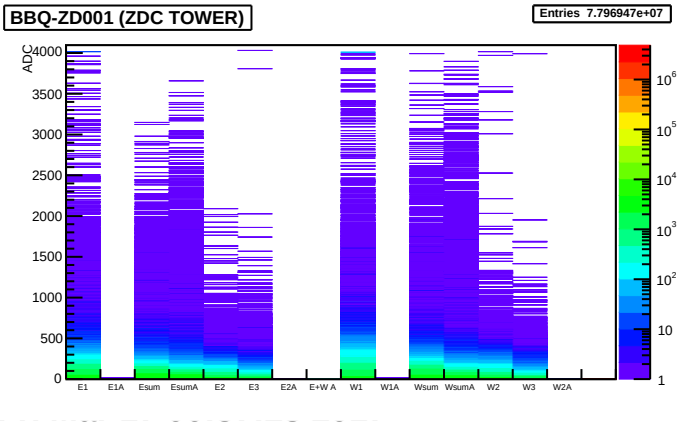

BBQ-VP001 (LO threshold)
Entries 7.796947e+07
TAC
QT Input Channel

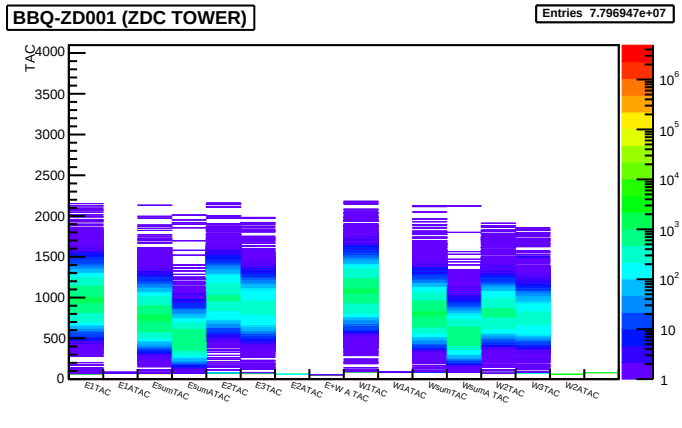

BBQ-VP002 (LO threshold)
Entries 7.796947e+07
ADC
QT Input Channel

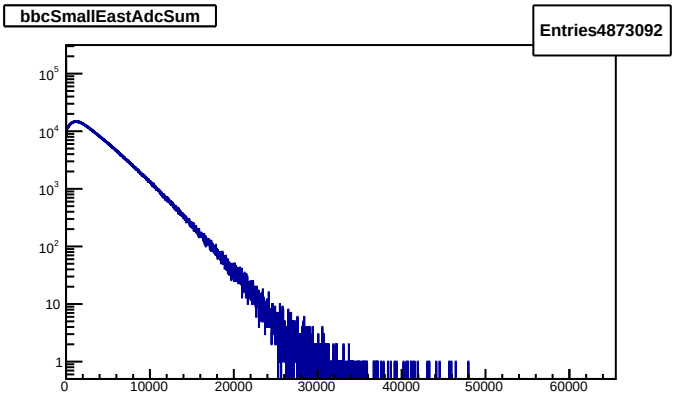

BBQ-VP002 (LO threshold)
Entries 7.796947e+07
TAC
QT Input Channel

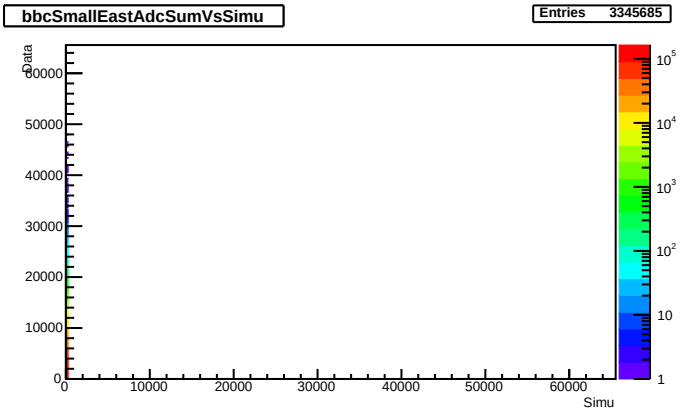

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.796947e+07
ADC
QT Input Channel

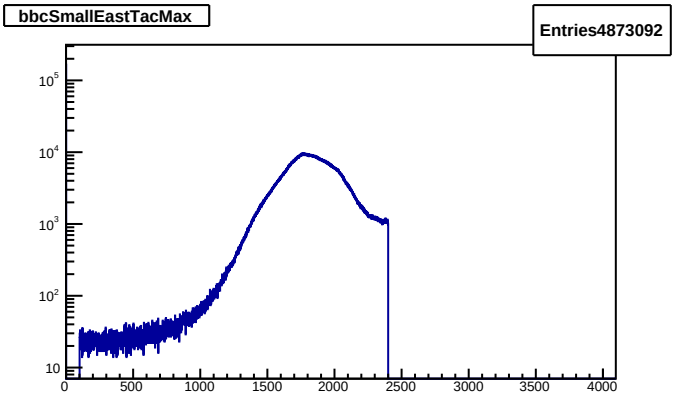

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.796947e+07
TAC
QT Input Channel

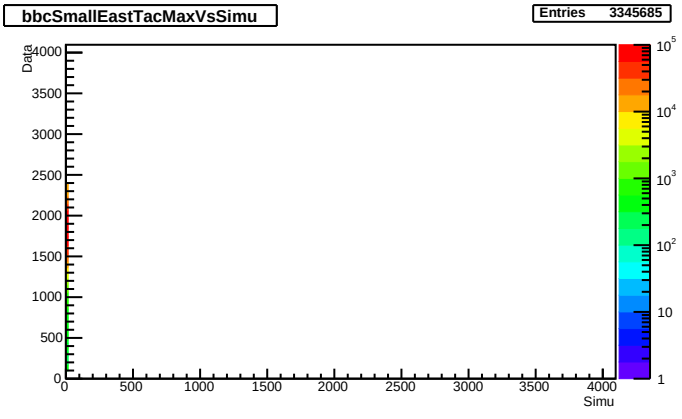

BBQ-ZD001 (ZDC TOWER)
Entries 7.796947e+07
ADC

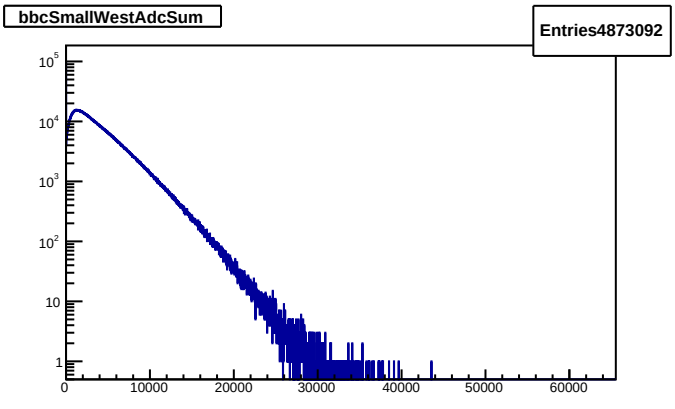

BBQ-ZD001 (ZDC TOWER)
Entries 7.796947e+07
TAC

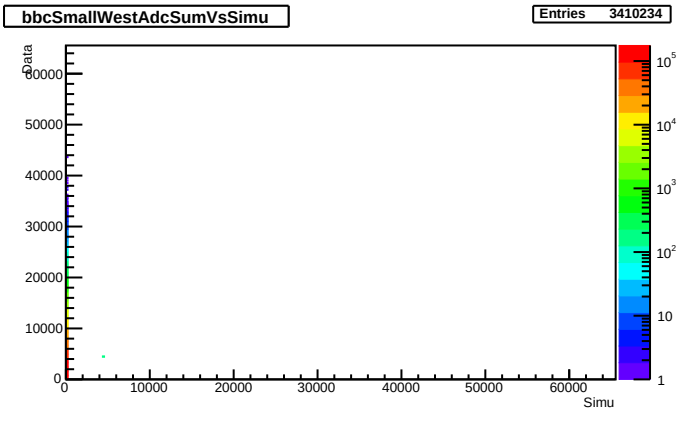

bbcSmallEastAdcSum
Entries4873092

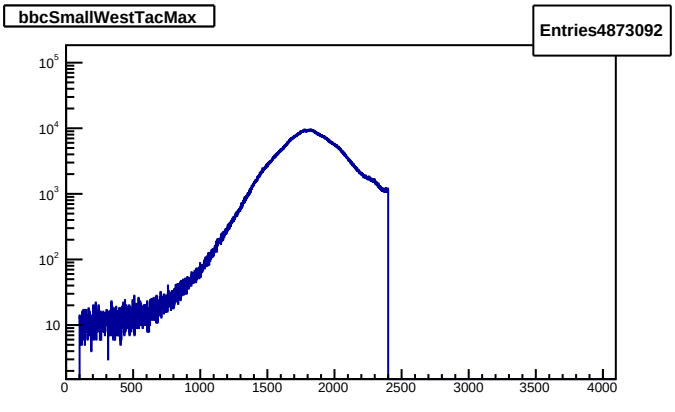

bbcSmallEastAdcSumVsSimu
Entries 3345685
Data
Simu

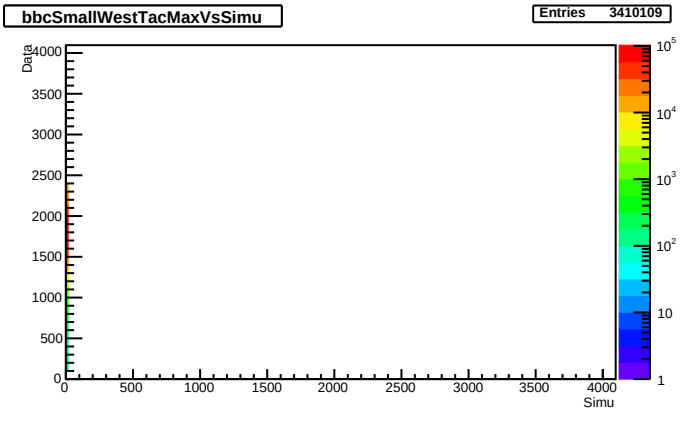

bbcSmallEastTacMax
Entries4873092

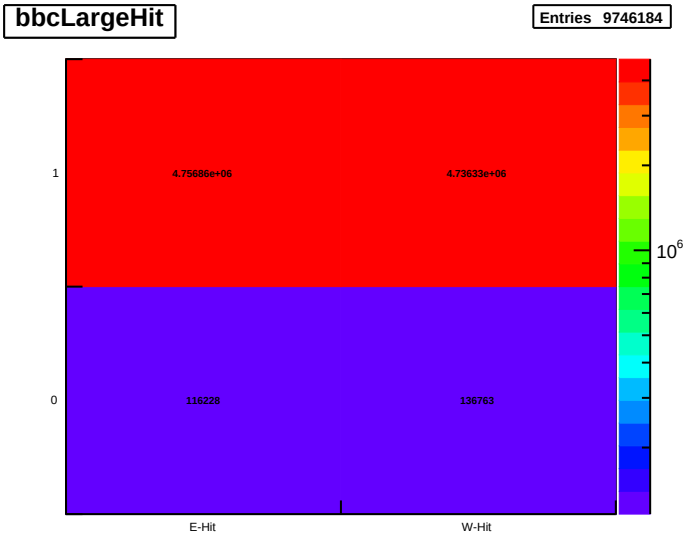

bbcSmallEastTacMaxVsSimu
Entries 3345685
Data
Simu

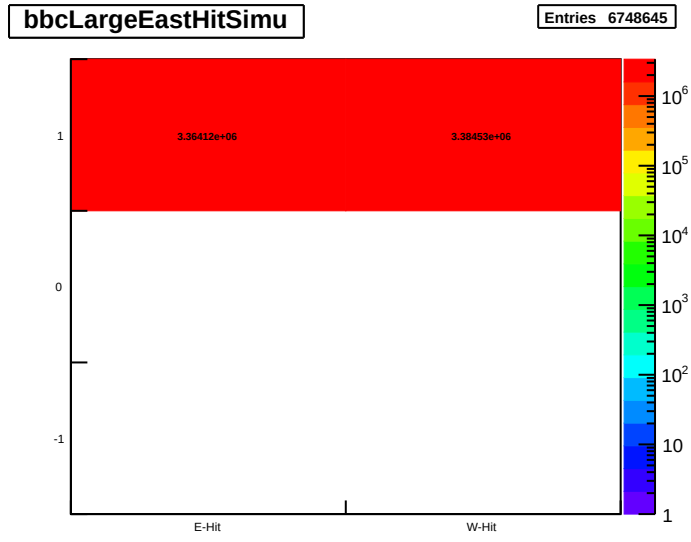

bbcSmallWestAdcSum
Entries4873092

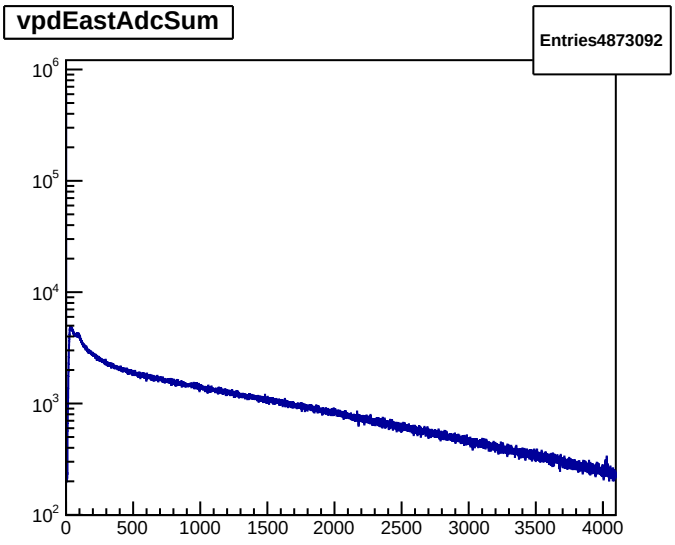

bbcSmallWestAdcSumVsSimu
Entries 3410234
Data
Simu

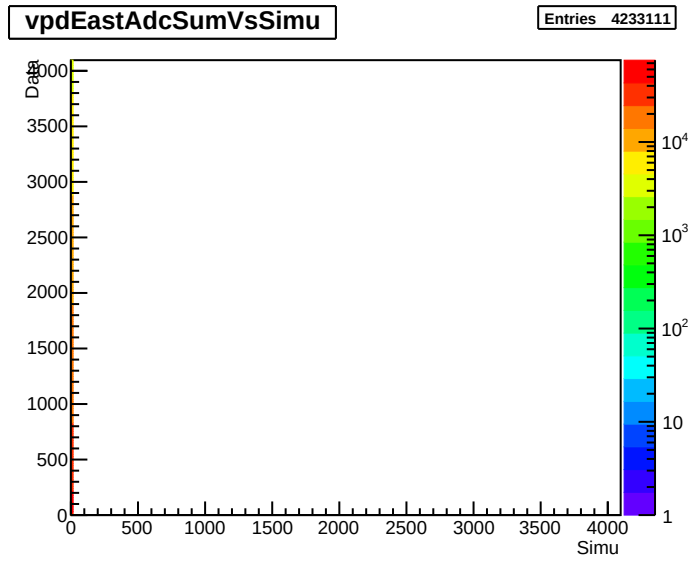

bbcSmallWestTacMax
Entries4873092

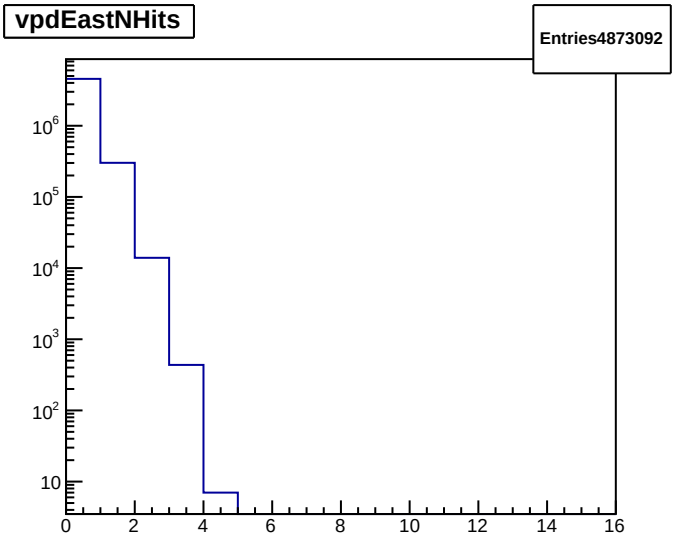

bbcSmallWestTacMaxVsSimu
Entries 3410109
Data
Simu

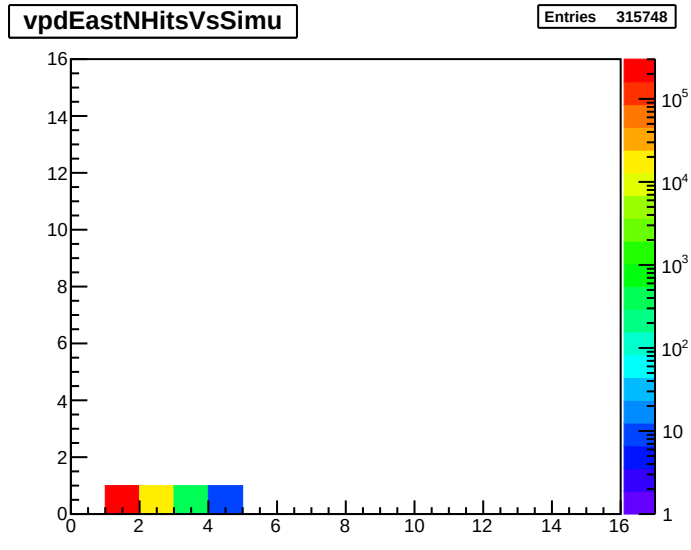

bbcLargeHit
Entries 9746184
1
0
4.75686e+06
4.73633e+06
116228
136763
E-Hit
W-Hit
10^6

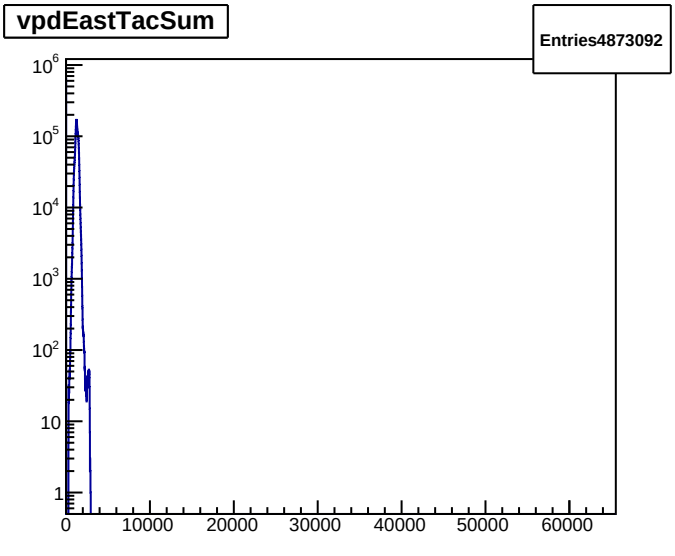

bbcLargeEastHitSimu
Entries 6748645
1
0
-1
3.36412e+06
3.38453e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

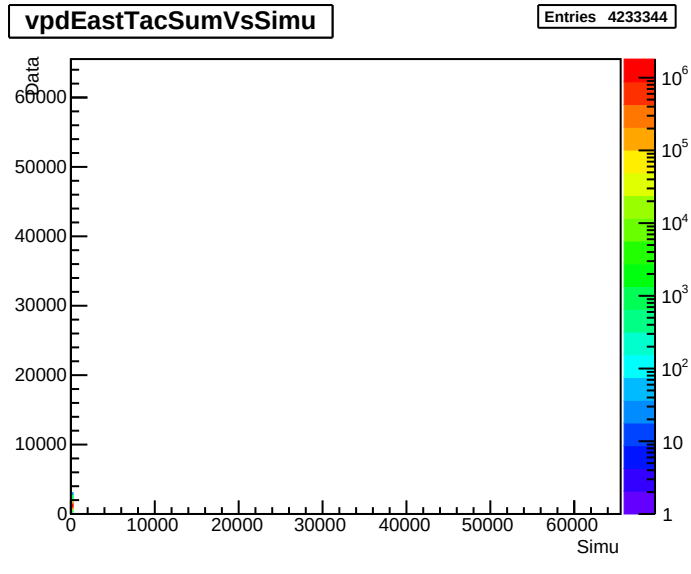

vpdEastAdcSum
Entries4873092

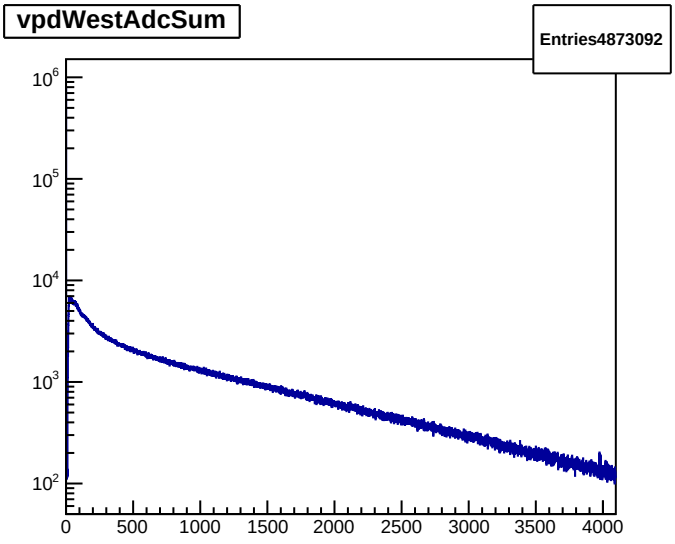

vpdEastAdcSumVsSimu
Entries 4233111
Data
Simu

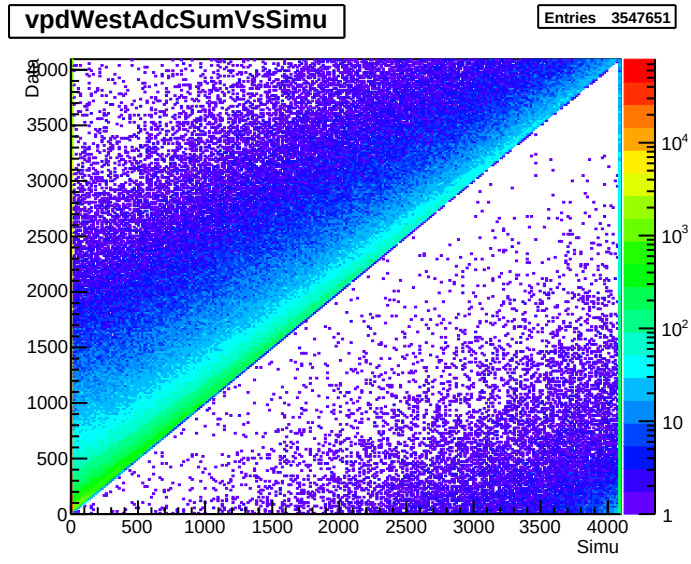

vpdEastNHits
Entries4873092

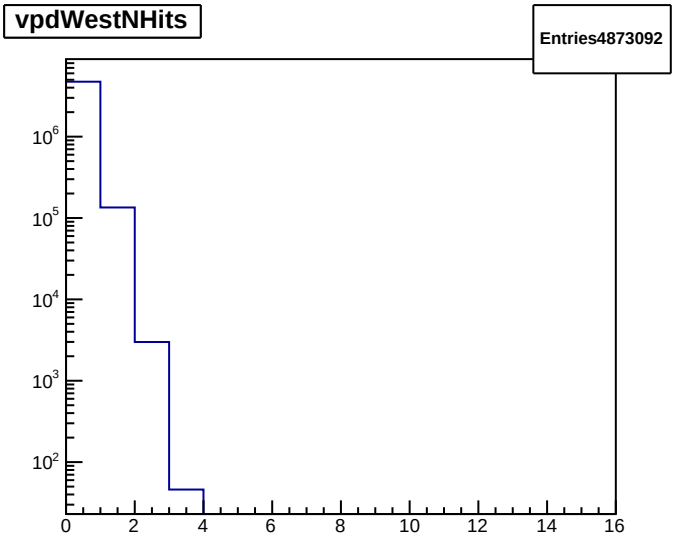

vpdEastNHitsVsSimu
Entries 315748

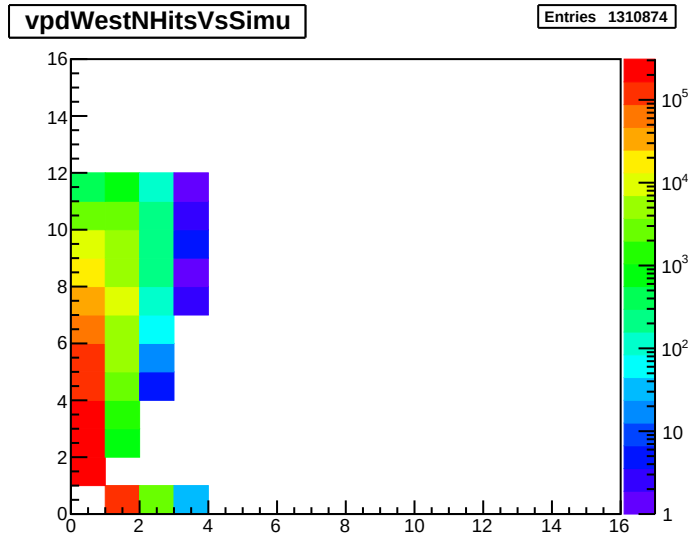

vpdEastTacSum
Entries4873092

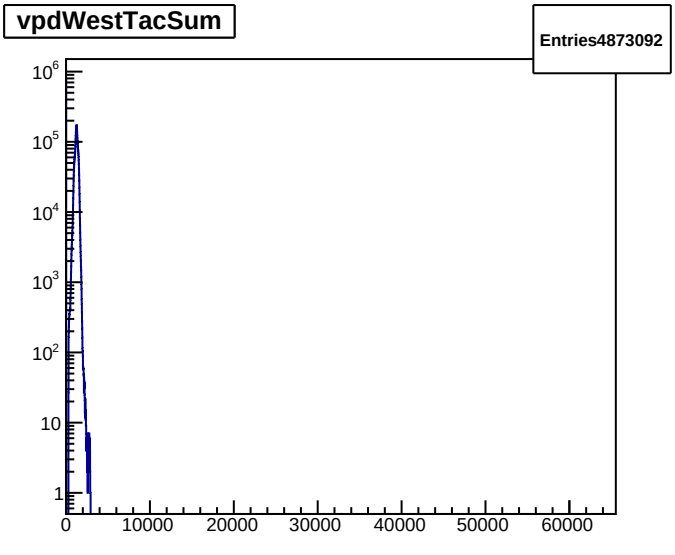

vpdEastTacSumVsSimu
Entries 4233344
Data
Simu

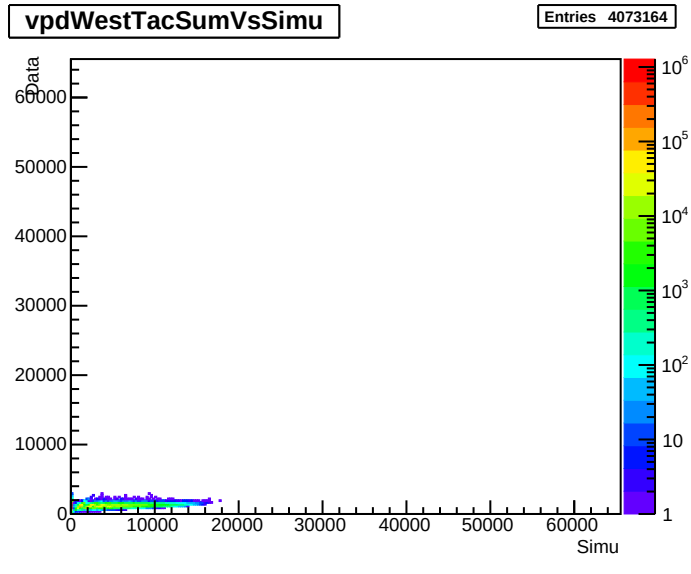

vpdWestAdcSum
Entries4873092

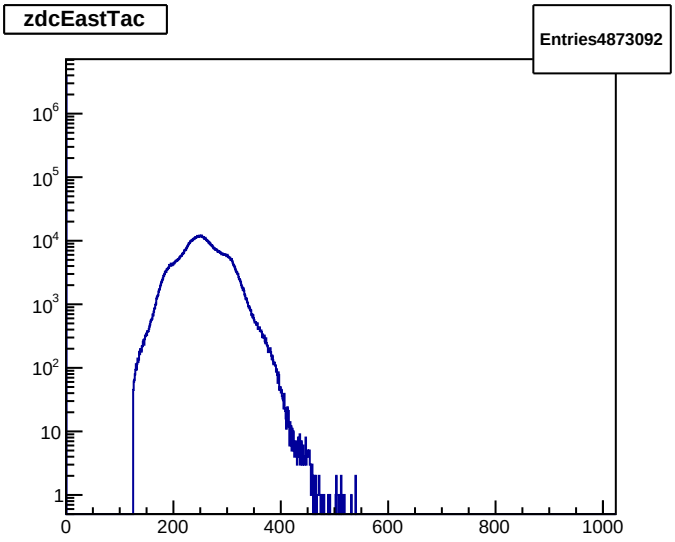

vpdWestAdcSumVsSimu
Entries 3547651
Data
Simu

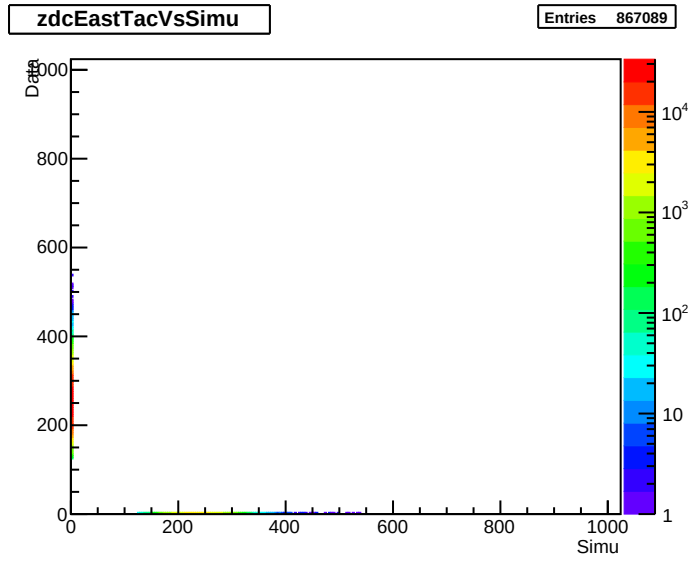

vpdWestNHits
Entries4873092

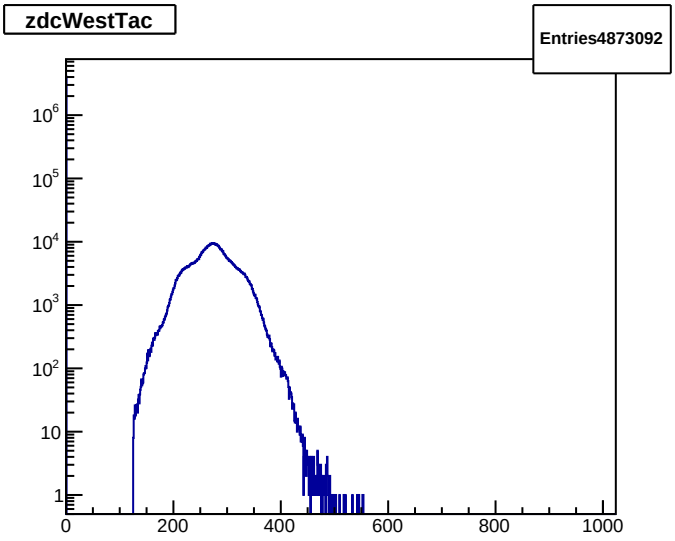

vpdWestNHitsVsSimu
Entries 1310874

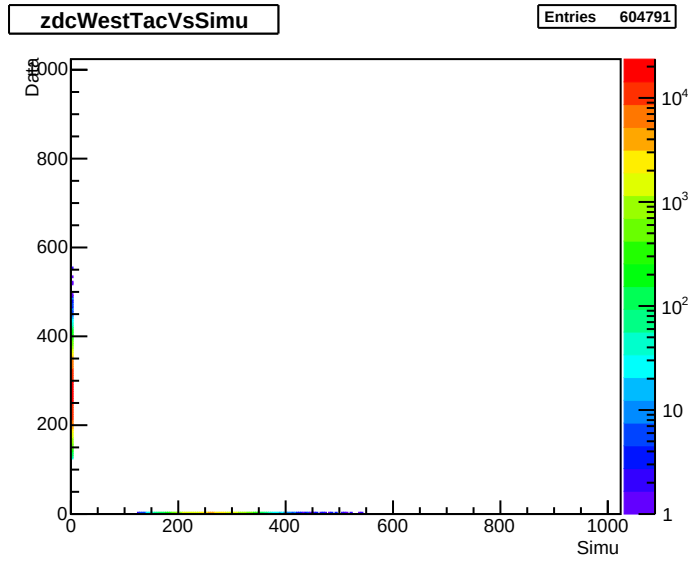

vpdWestTacSum
Entries4873092

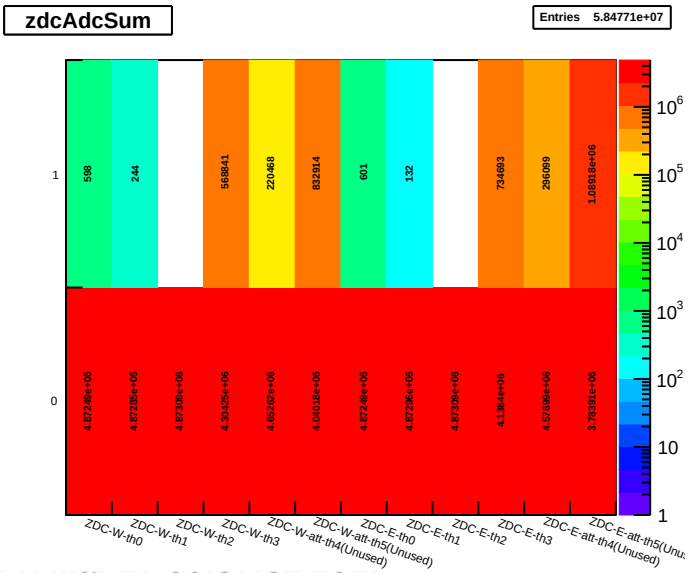

vpdWestTacSumVsSimu
Entries 4073164
Data
Simu

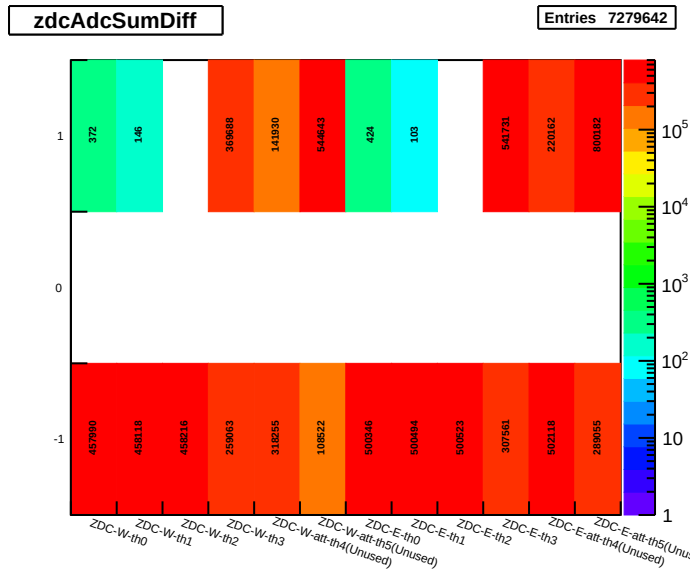

zdcEastTac
Entries4873092

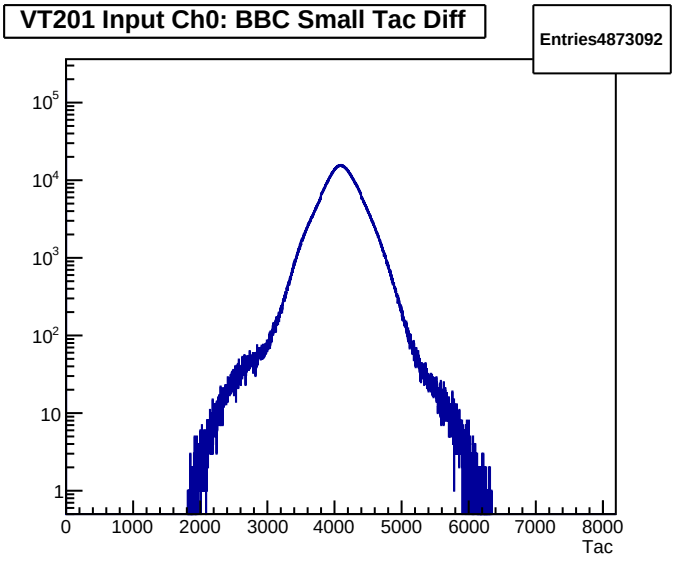

zdcEastTacVsSimu
Entries 867089
Data
Simu

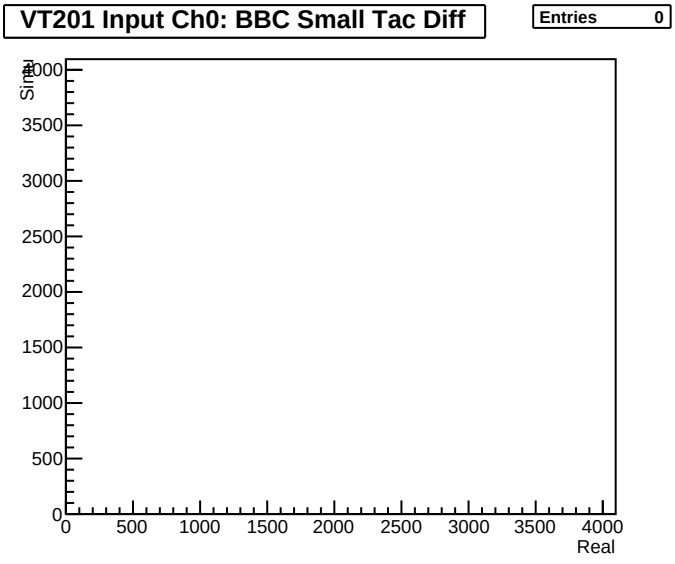

zdcWestTac
Entries4873092

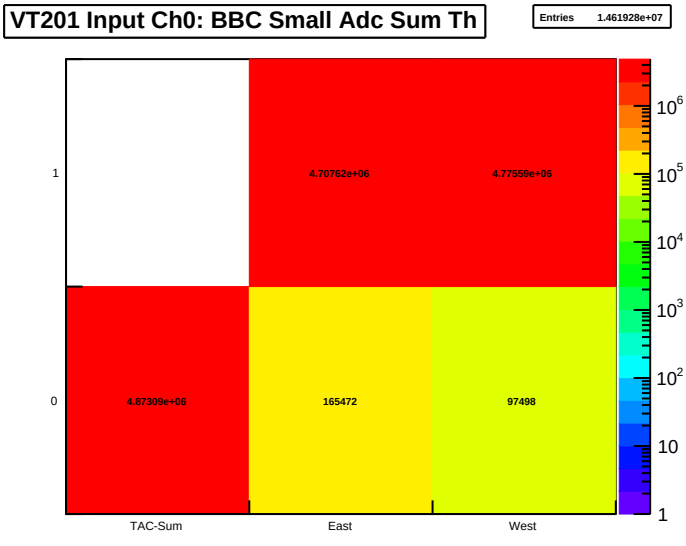

zdcWestTacVsSimu
Entries 604791
Data
Simu

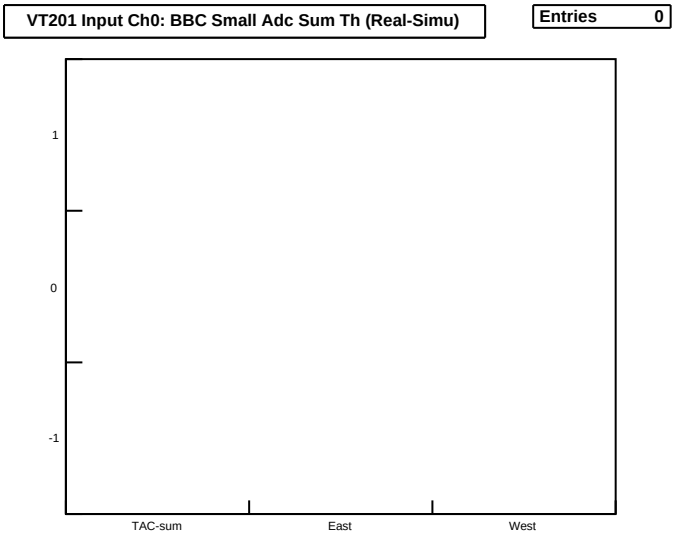

zdcAdcSum
Entries 5.84771e+07
598
244
568841
220468
832914
601
132
734693
296099
1.08918e+06
4.87240e+06
4.87285e+05
4.87308e+06
4.30425e+06
4.65262e+06
4.04018e+06
4.87249e+06
4.87296e+06
4.87309e+05
4.13304e+06
4.57699e+06
3.78391e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

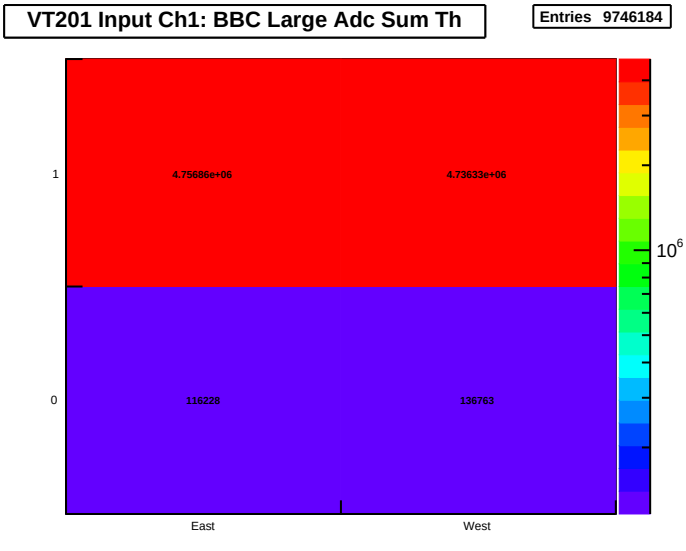

zdcAdcSumDiff
Entries 7279642
372
146
369688
141930
546643
424
103
541731
220162
800182
457990
458118
458216
259063
318255
108522
500346
500494
500523
307561
502118
289055
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

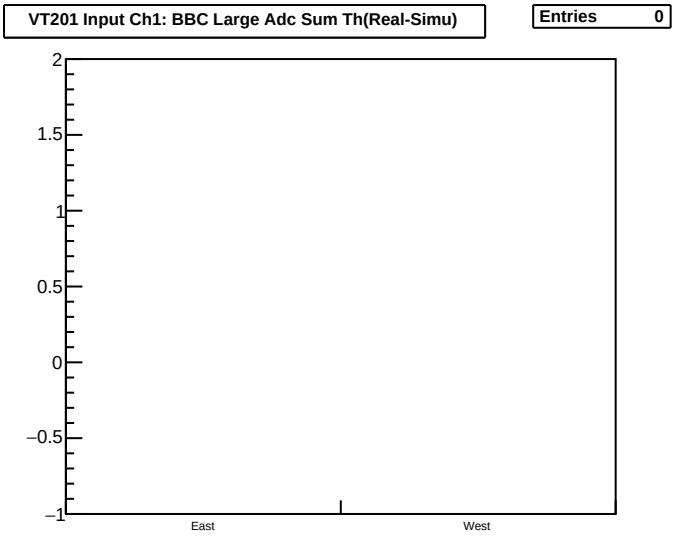

VT201 Input Ch0: BBC Small Tac Diff
Entries4873092
Tac


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

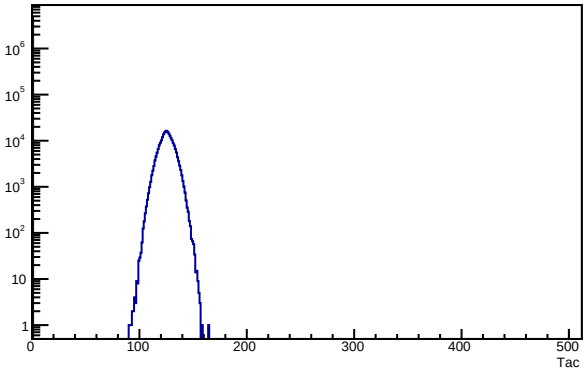

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.461928e+07
4.70762e+06
4.77559e+06
4.87309e+06
165472
97498
TAC-Sum
East
West


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

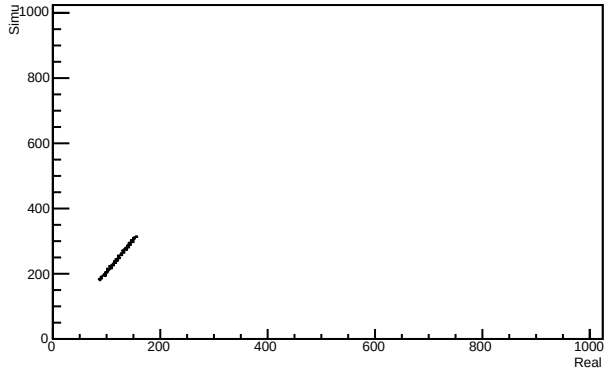

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9746184
4.75686e+06
4.73633e+06
116228
136763
East
West


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

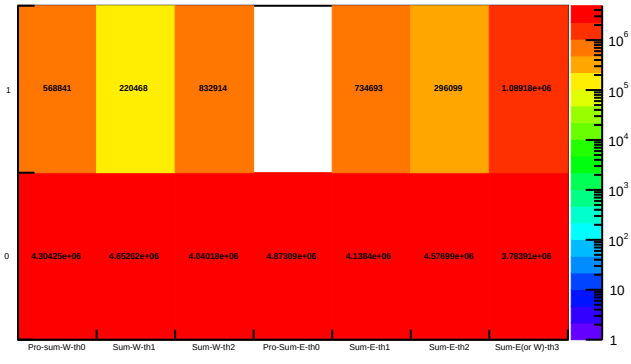
VT201 Input Ch2: ZDC Tac Diff



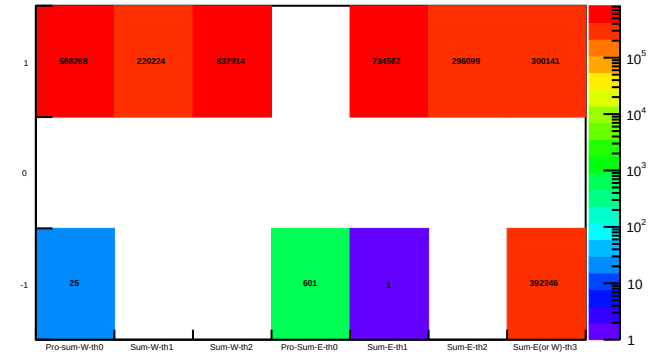
VT201 Input Ch2: ZDC Tac Diff



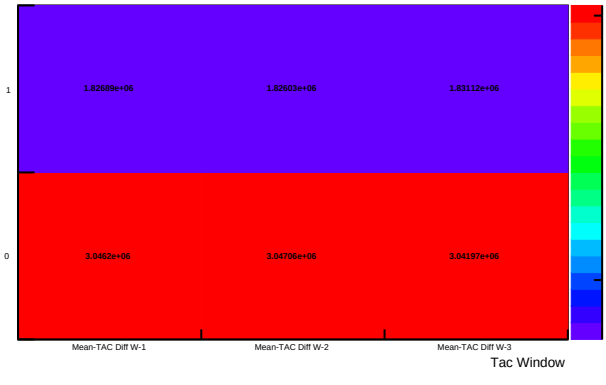
VT201 Input Ch2: ZDC Adc Sum Th



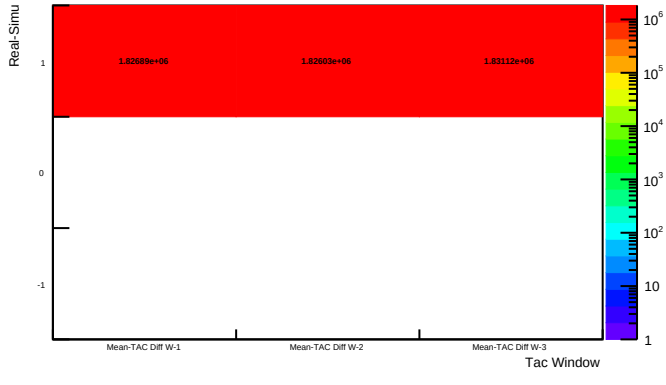
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



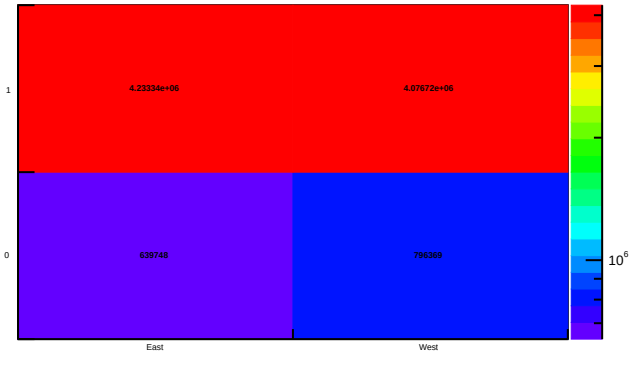
VT201 Input Ch4: VPD Tac Diff



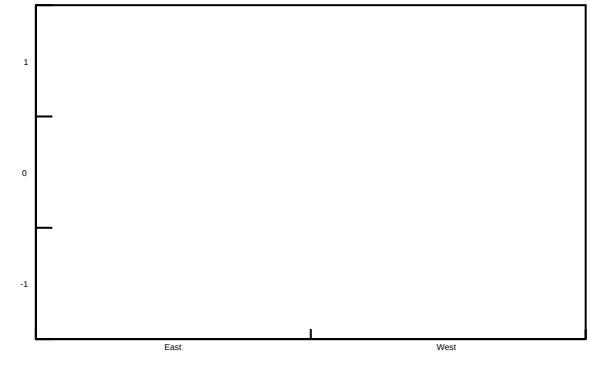
VT201 Input Ch4: VPD Tac Diff

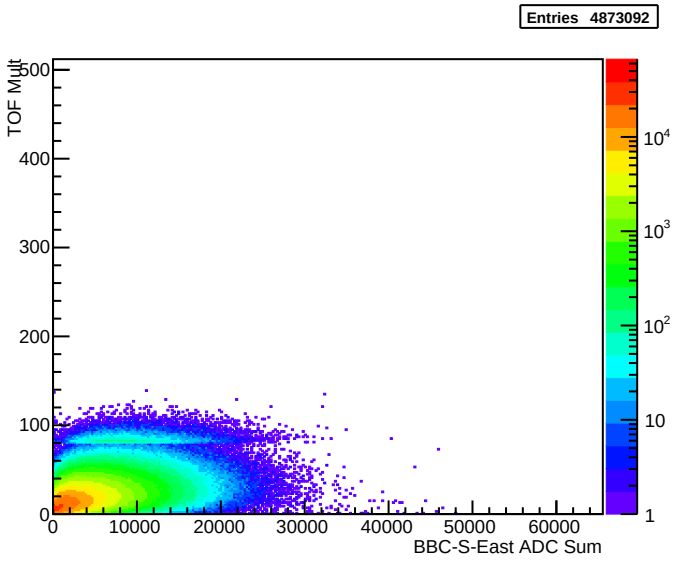


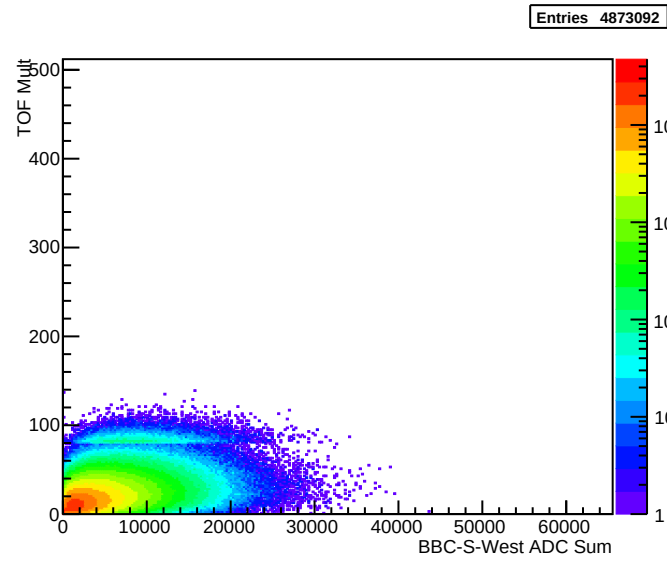
VT201 Input Ch4: VPD Adc Sum Th

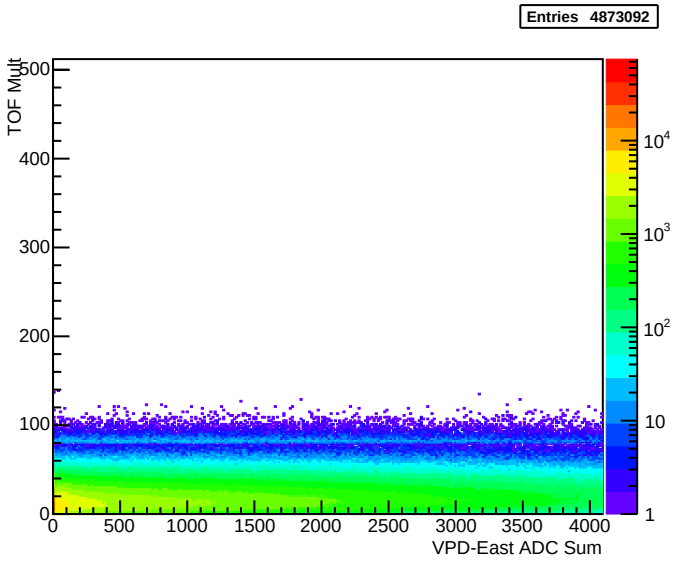


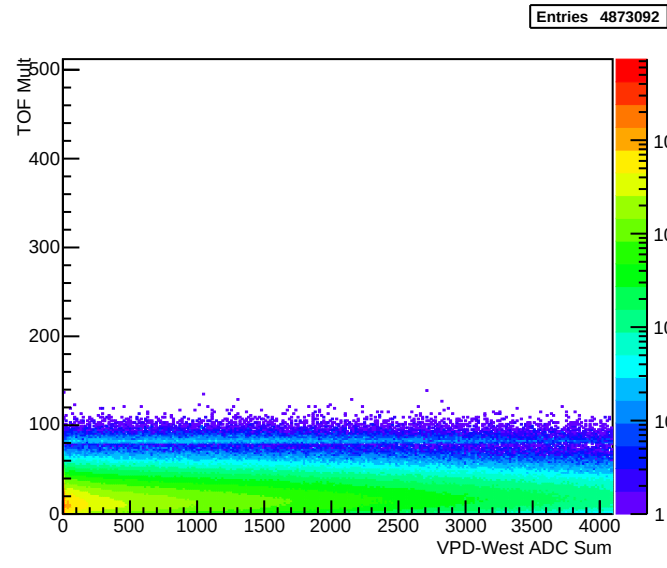
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

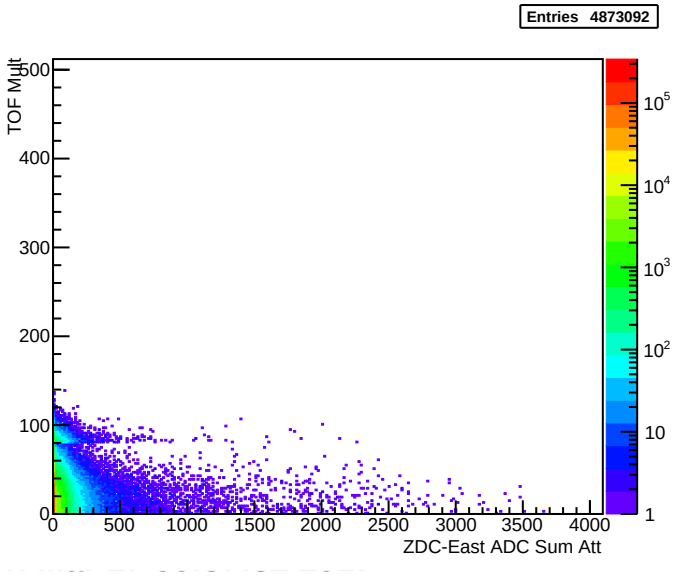


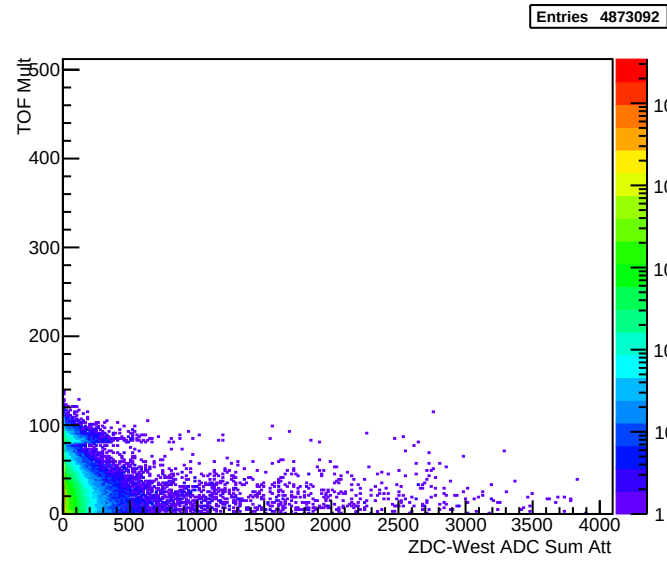

Entries 4873092
TOF Mult
BBC-S-East ADC Sum

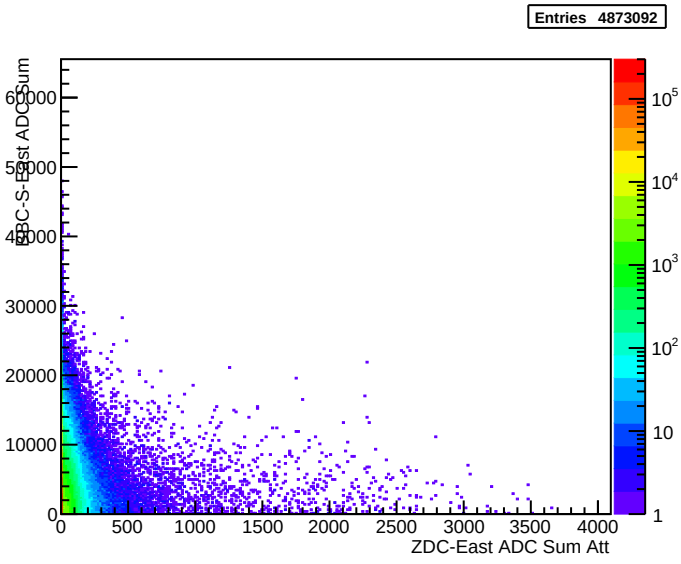

Entries 4873092
TOF Mult
BBC-S-West ADC Sum

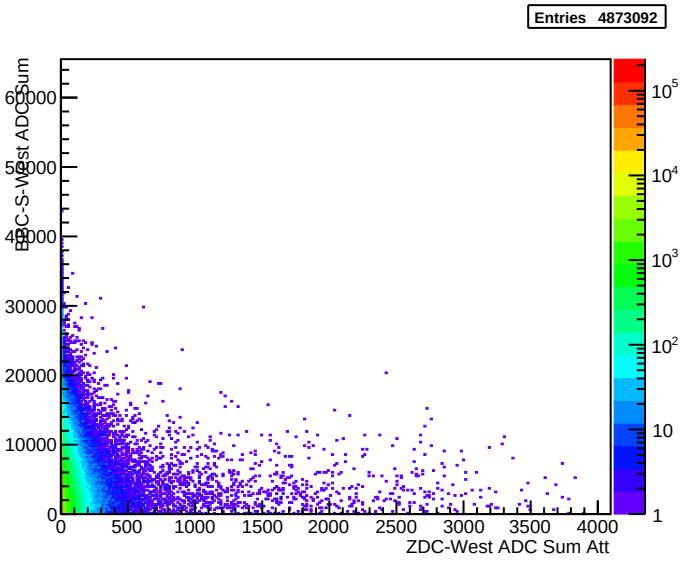

Entries 4873092
TOF Mult
VPD-East ADC Sum

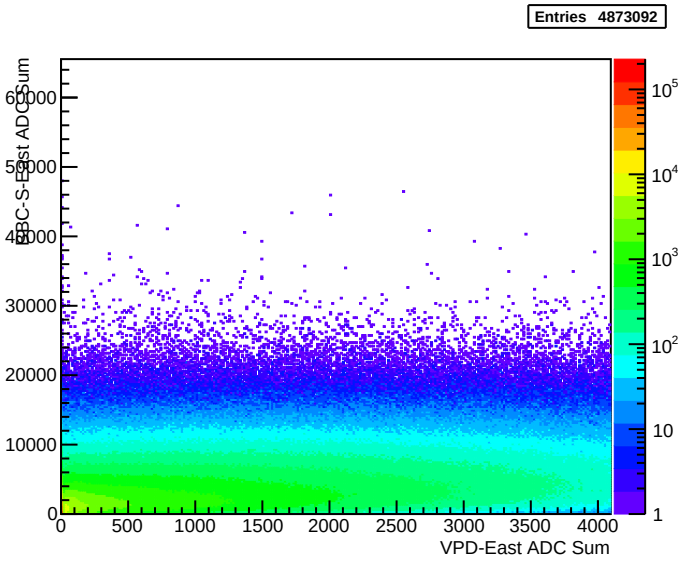

Entries 4873092
TOF Mult
VPD-West ADC Sum

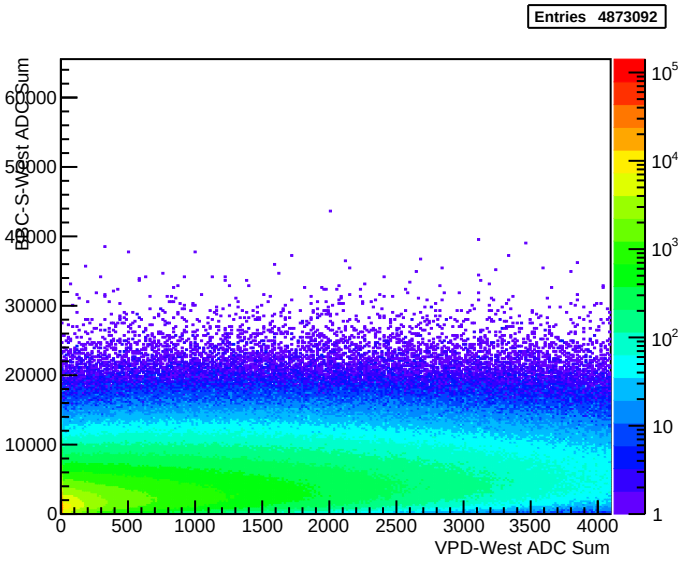

Entries 4873092
TOF Mult
ZDC-East ADC Sum Att

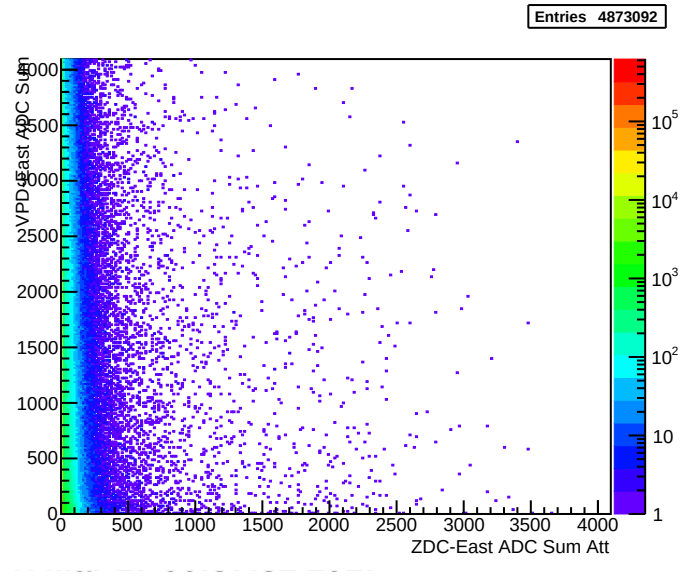

Entries 4873092
TOF Mult
ZDC-West ADC Sum Att

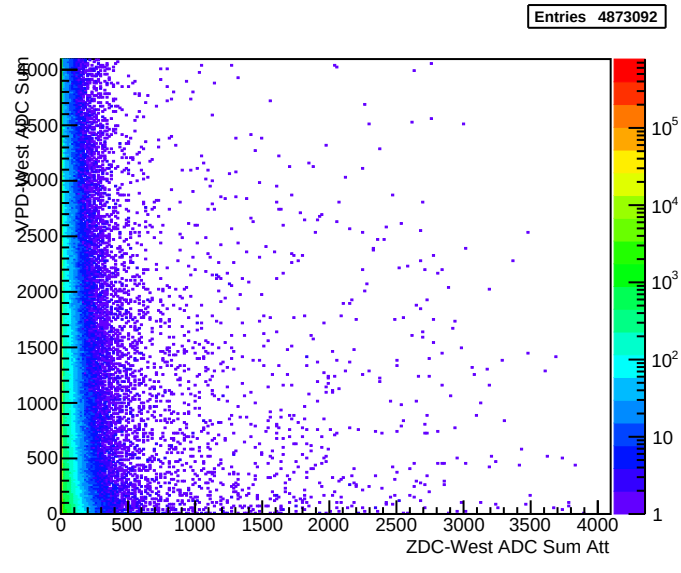

Entries 4873092
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

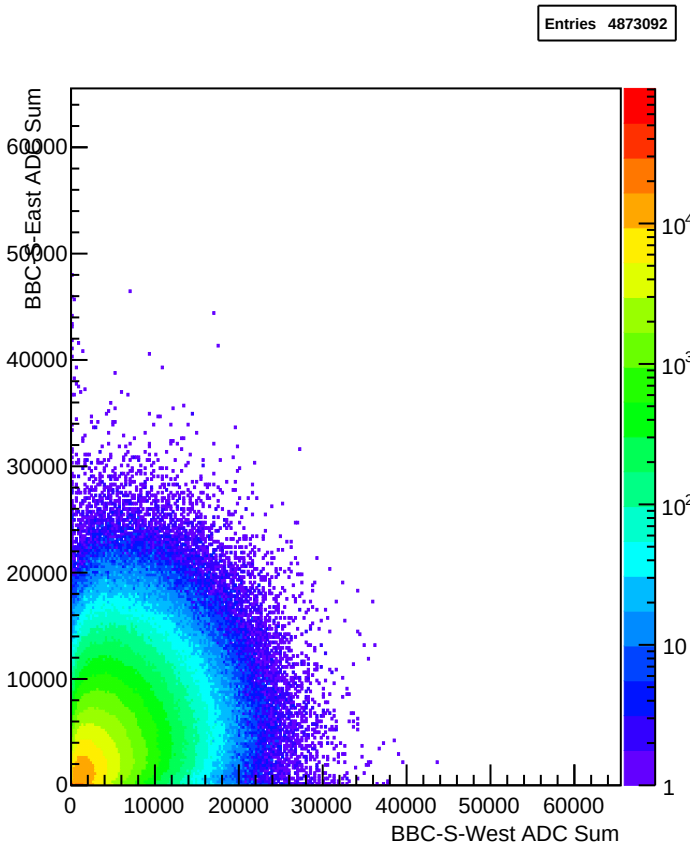

Entries 4873092
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

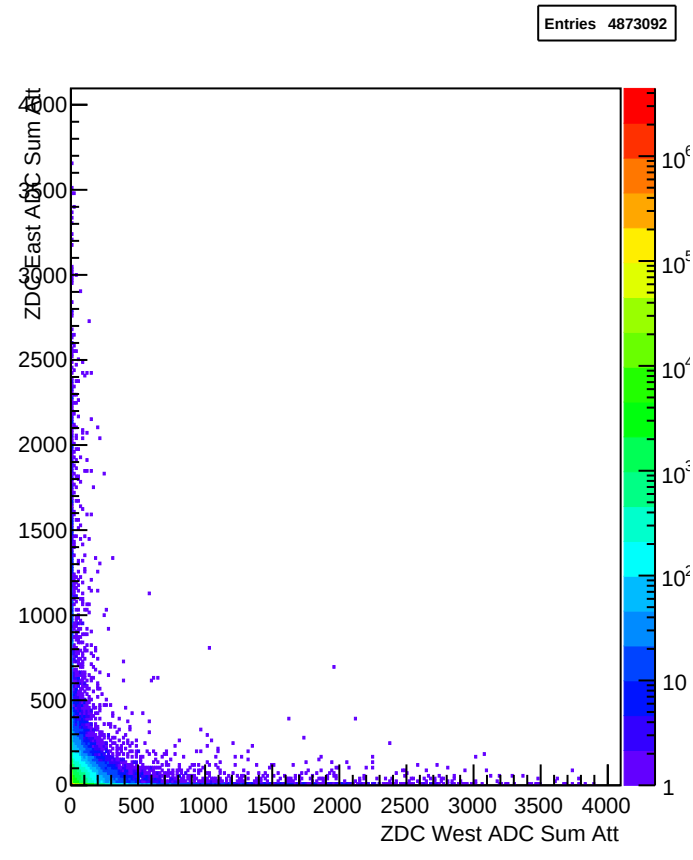

Entries 4873092
BBC-S-East ADC Sum
VPD-East ADC Sum

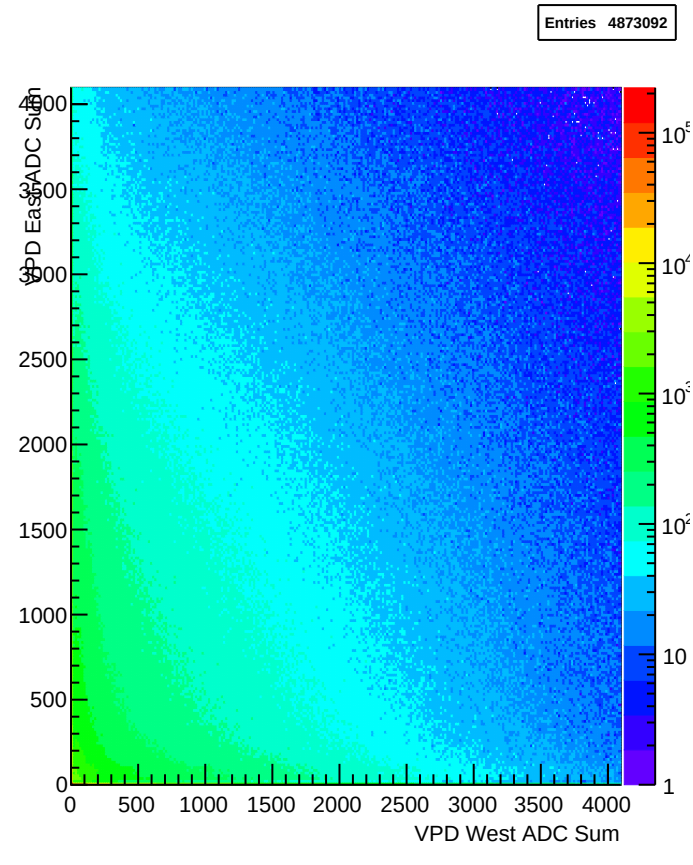

Entries 4873092
BBC-S-West ADC Sum
VPD-West ADC Sum

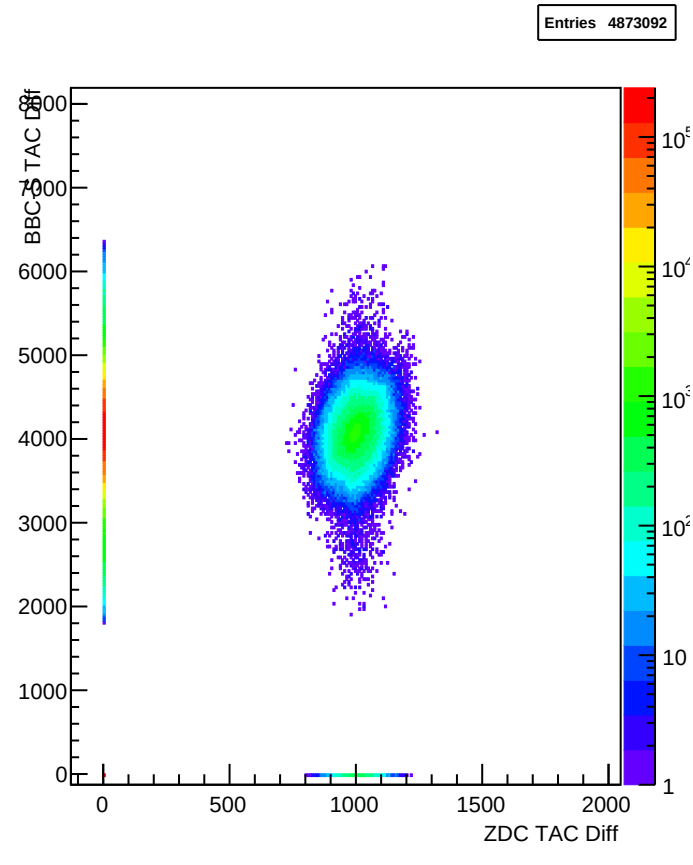

Entries 4873092
VPD-East ADC Sum
ZDC-East ADC Sum Att

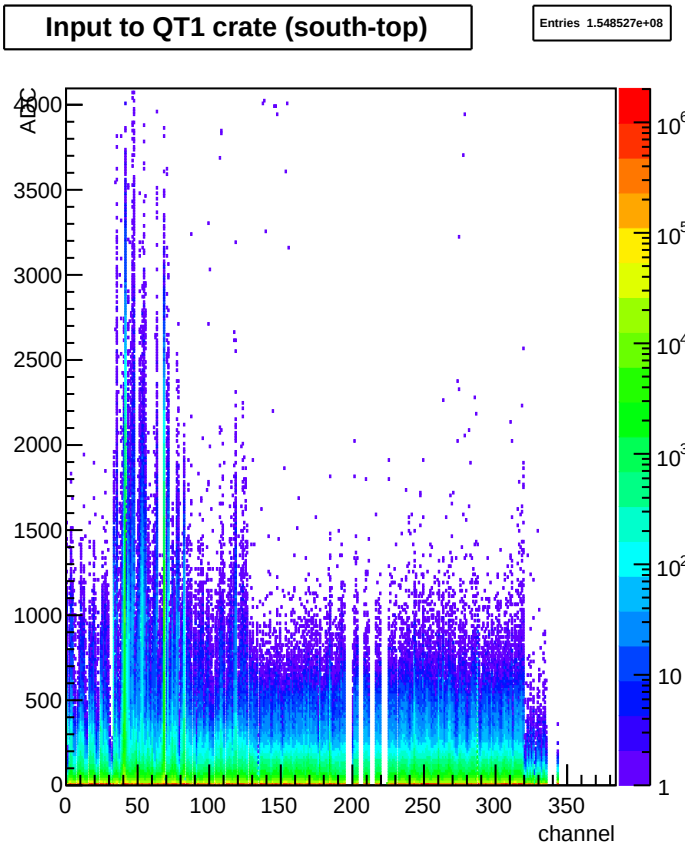

Entries 4873092
VPD-West ADC Sum
ZDC-West ADC Sum Att

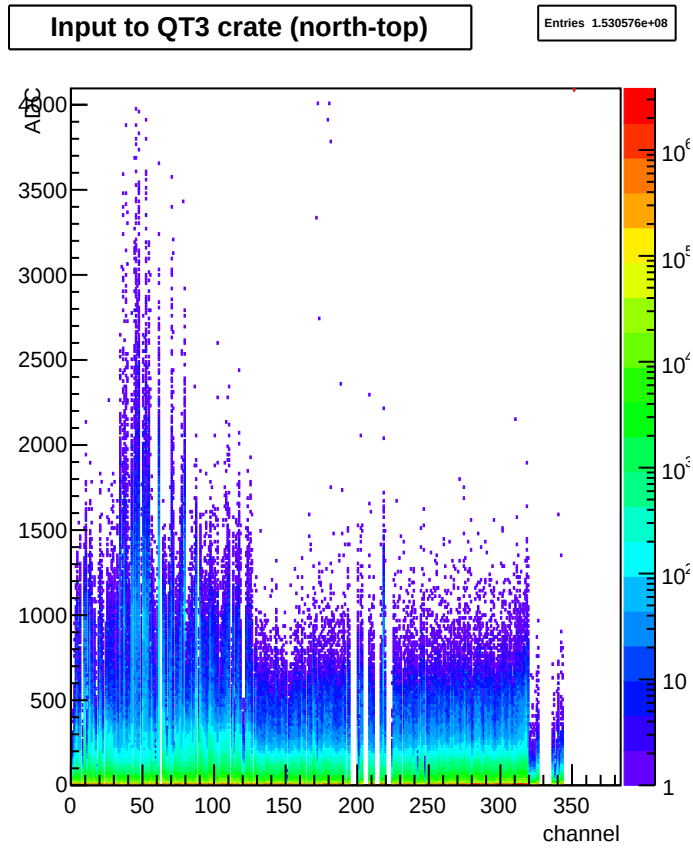

Entries 4873092
BBC-S-East ADC Sum
BBC-S-West ADC Sum

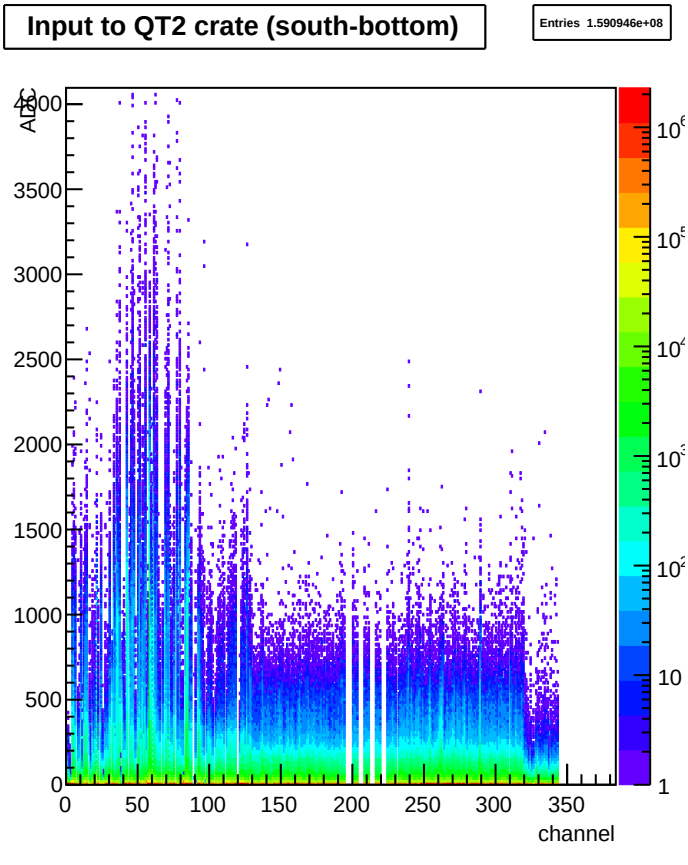

Entries 4873092
ZDC East ADC Sum Att
ZDC West ADC Sum Att

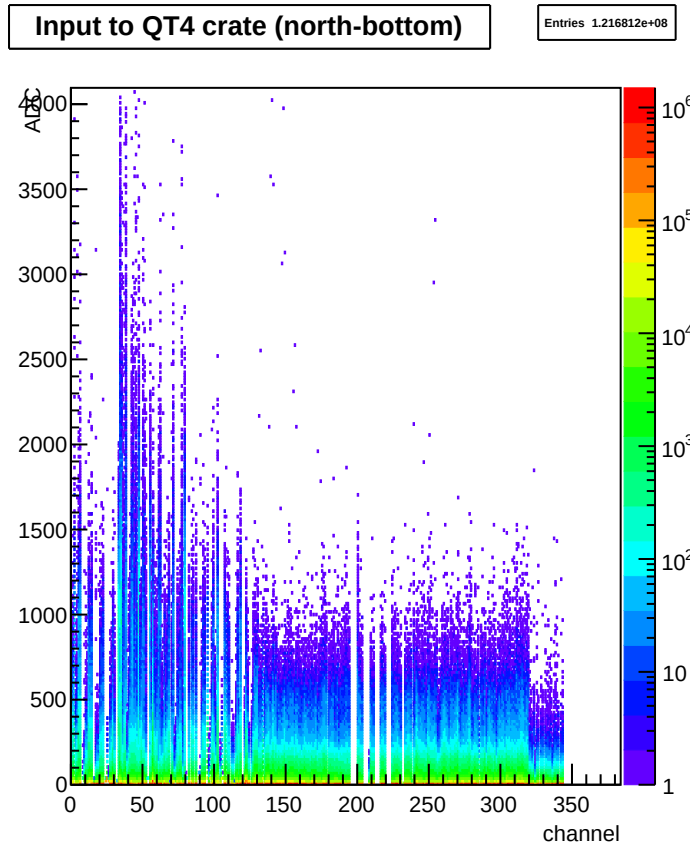

Entries 4873092
VPD East ADC Sum
VPD West ADC Sum

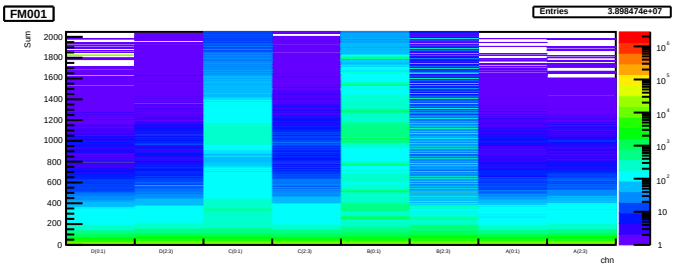

Entries 4873092
BBC-S TAC Diff
ZDC TAC Diff

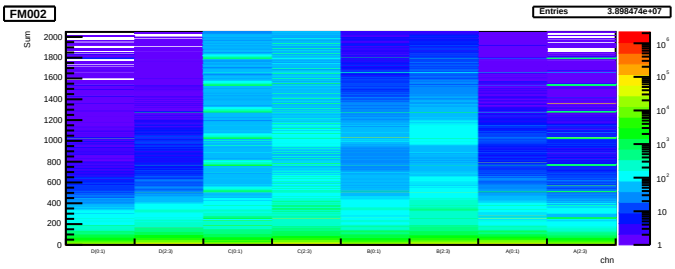

Input to QT1 crate (south-top)
Entries 1.548527e+08
ADC
channel

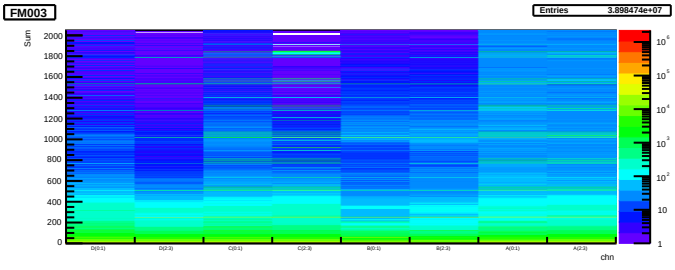

Input to QT3 crate (north-top)
Entries 1.530576e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 1.590946e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.216812e+08
ADC
channel


FM001
Entries 3.898474e+07
Sum
chn


FM002
Entries 3.898474e+07
Sum
chn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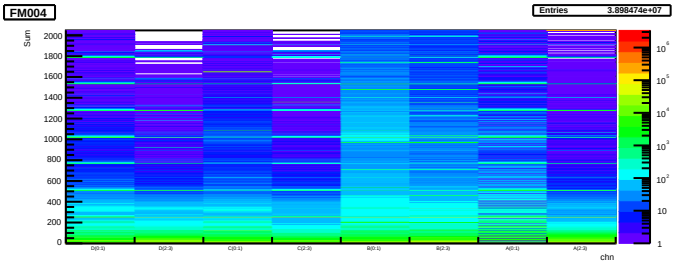
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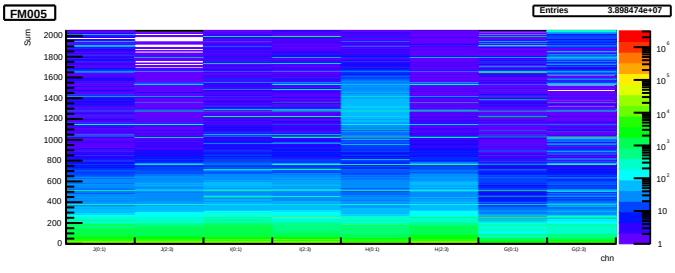
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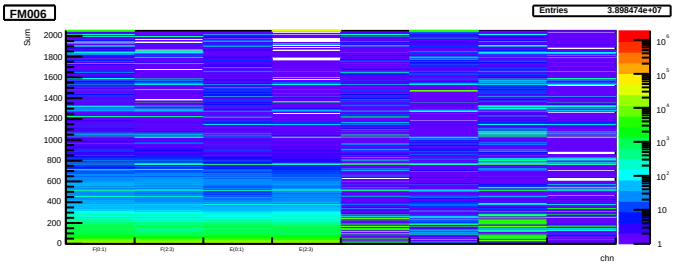
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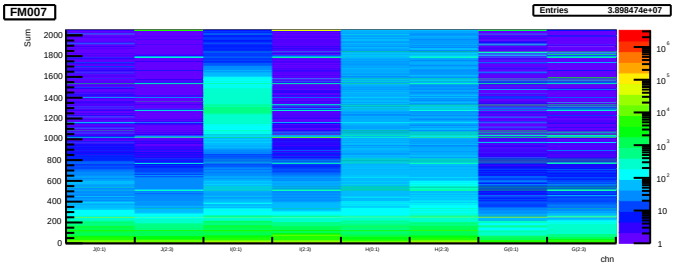
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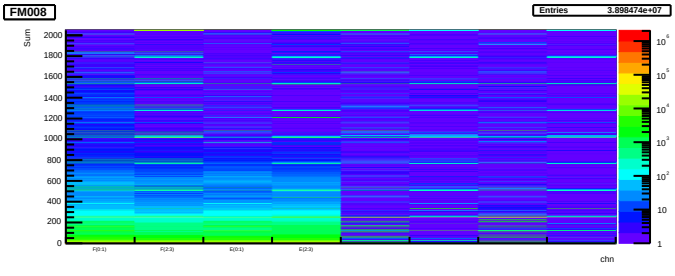
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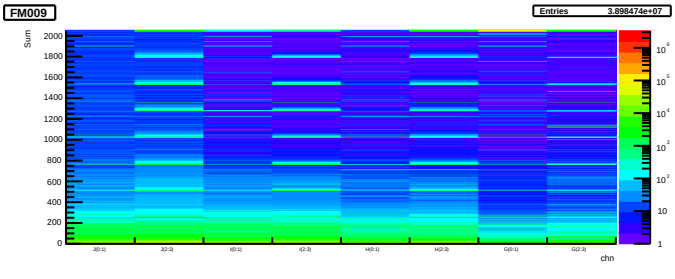
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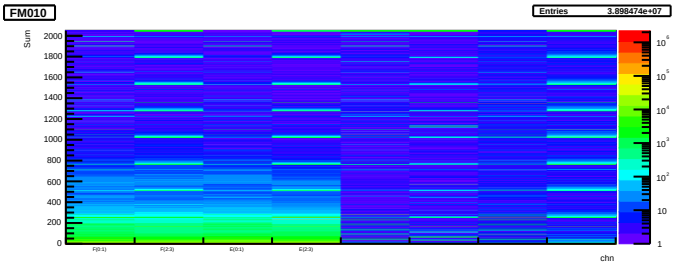
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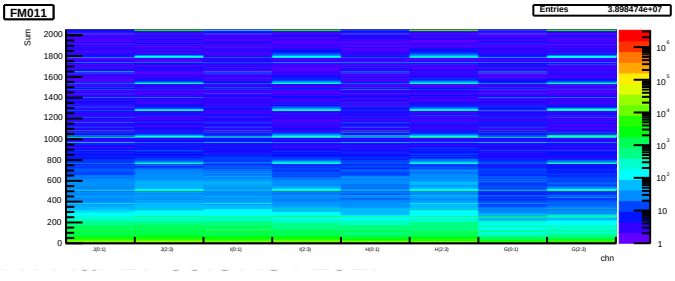
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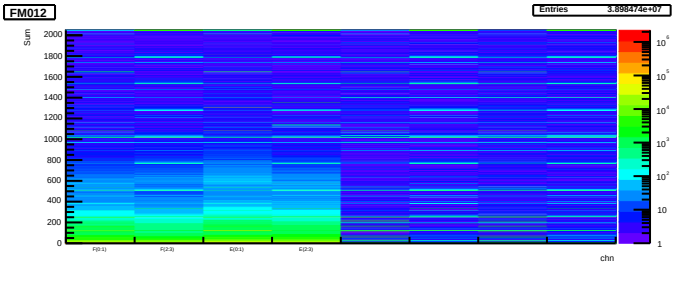
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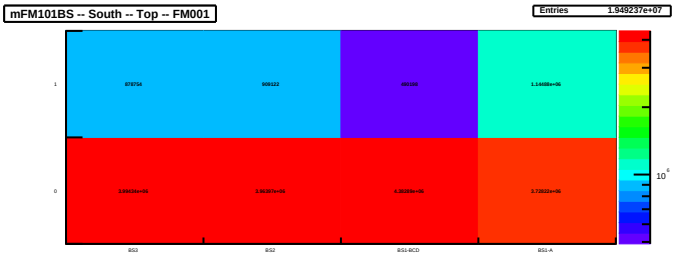
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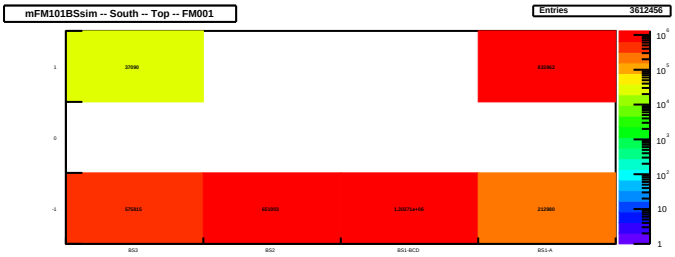
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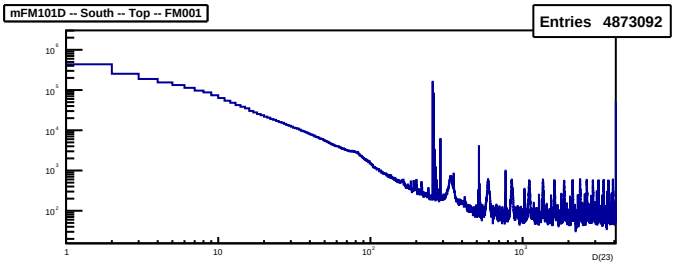
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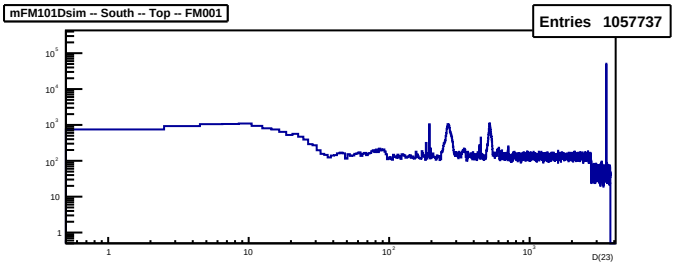
Entries 4873092
D(23)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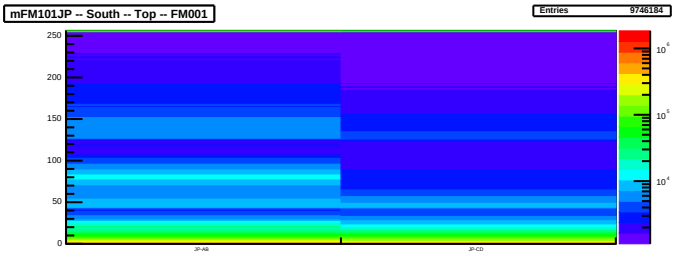
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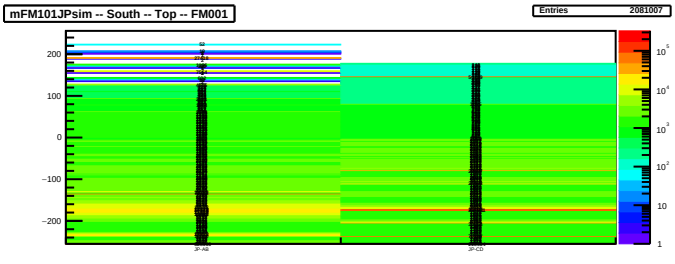
Entries 9746184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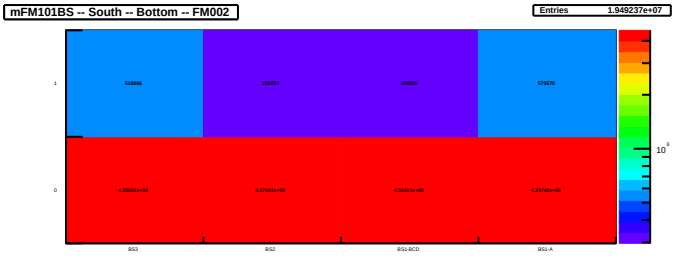
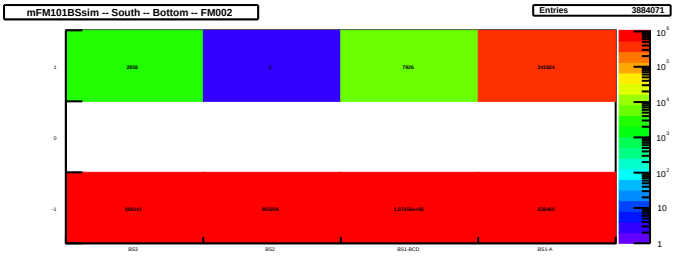

mFM101BS -- South -- Bottom -- FM002
Entries 1.949237e+07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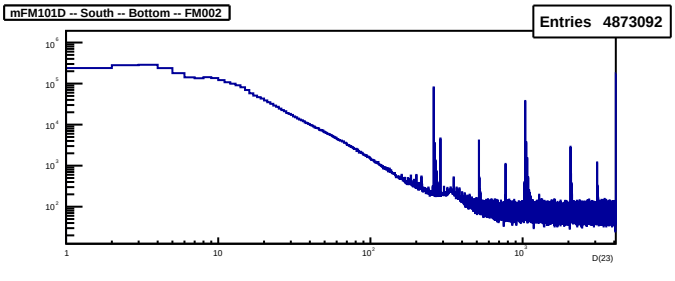
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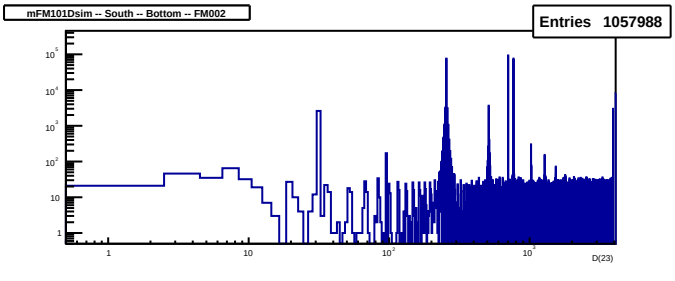
Entries 4873092
D(23)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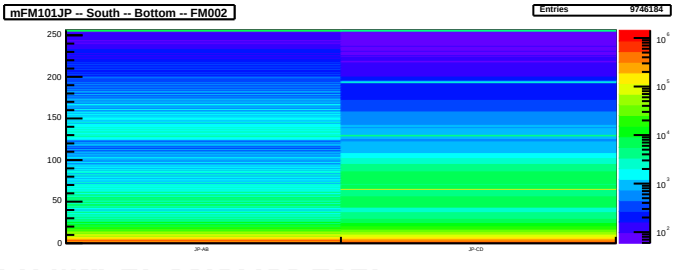
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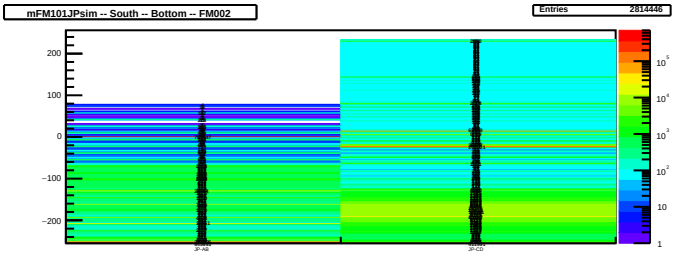
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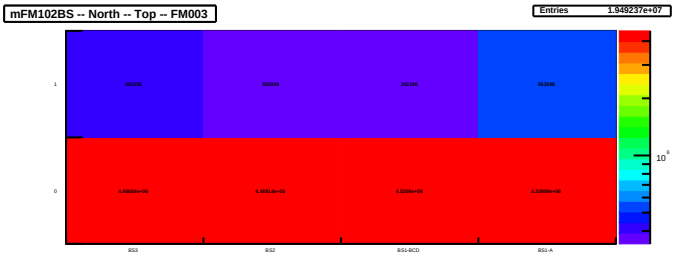
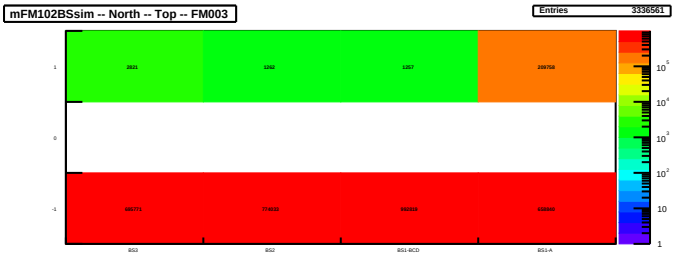

mFM102BS -- North -- Top -- FM003
Entries 1.949237e+07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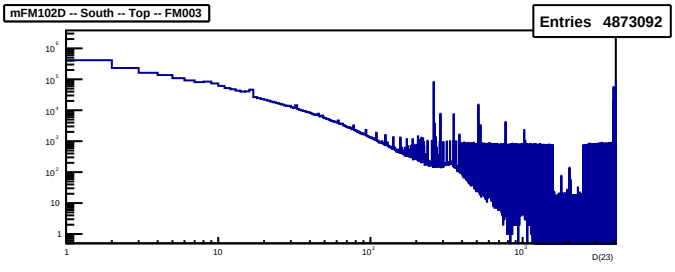
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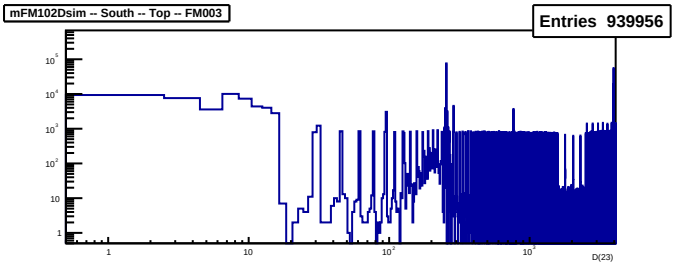
Entries 4873092
D(23)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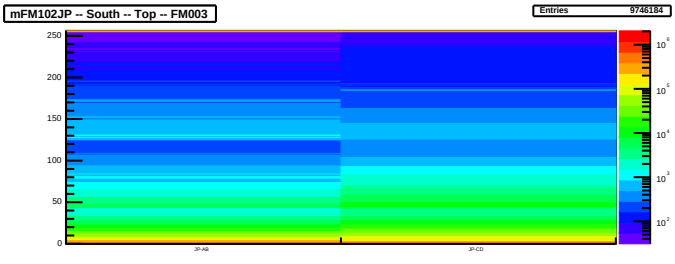
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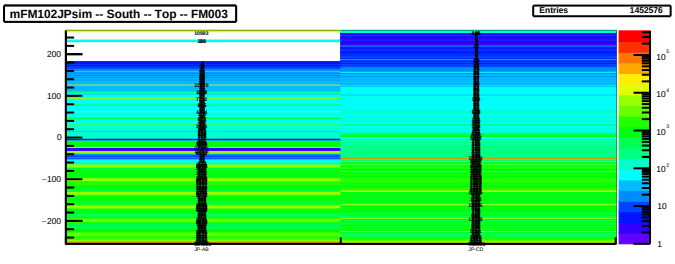
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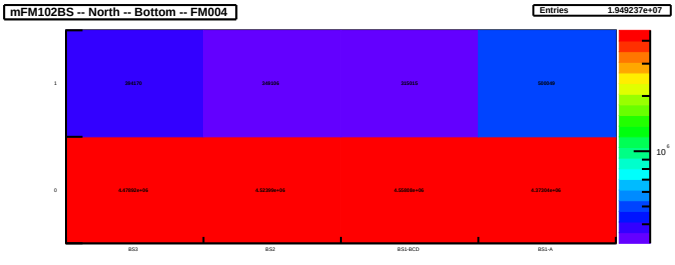
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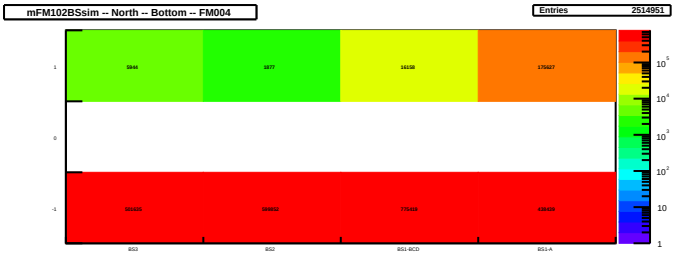
Entries 1.949237e+07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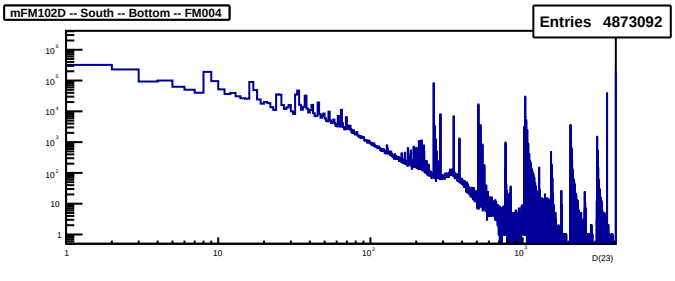
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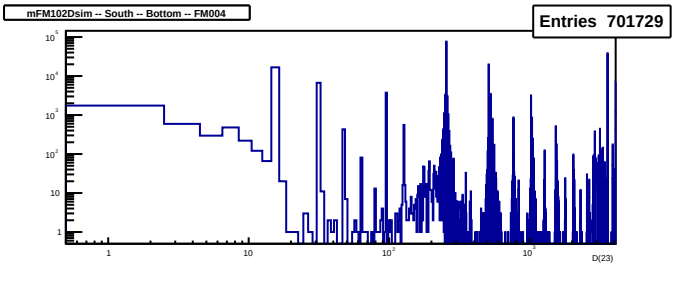
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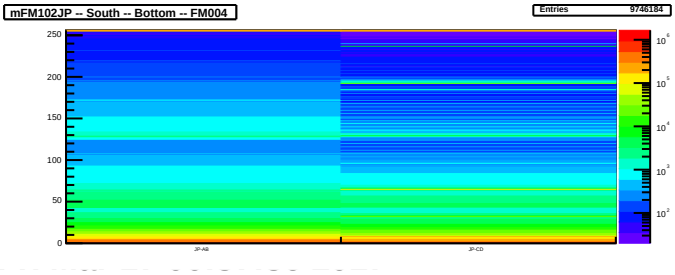
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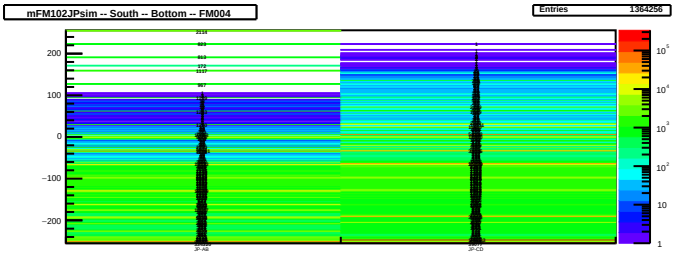
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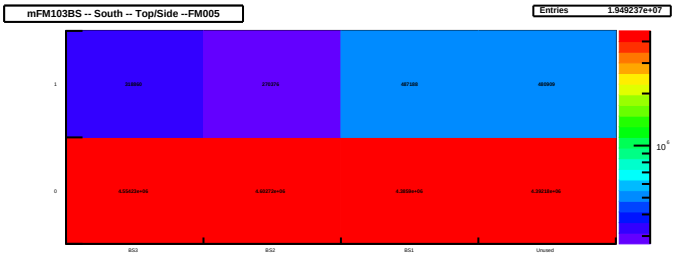
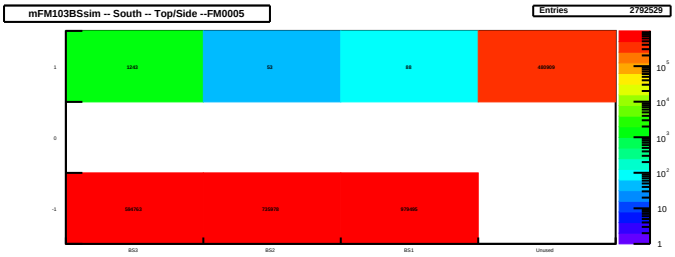

mFM103BS -- South -- Top/Side --FM005
Entries 1.949237e+07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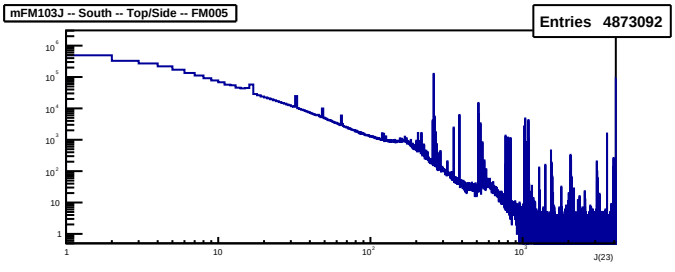
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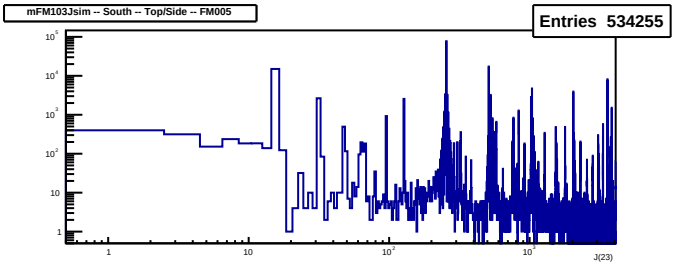
Entries 4873092
J(23)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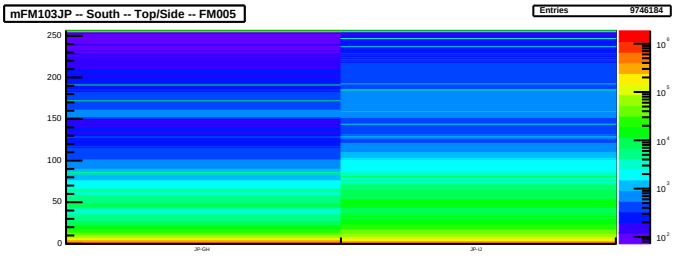
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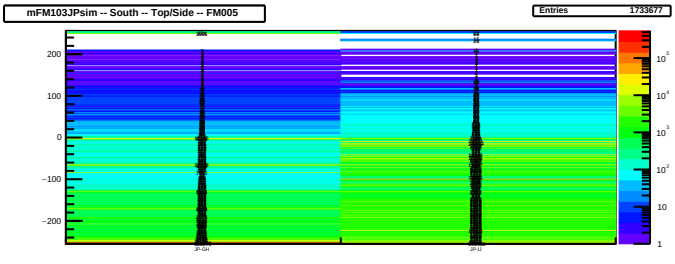
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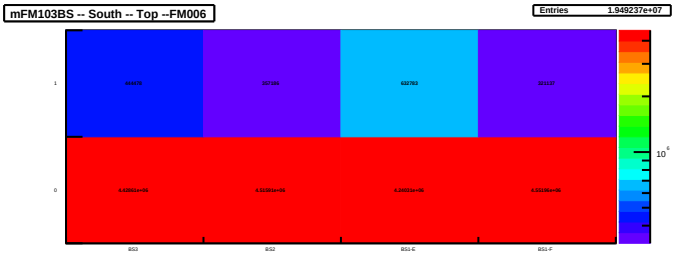
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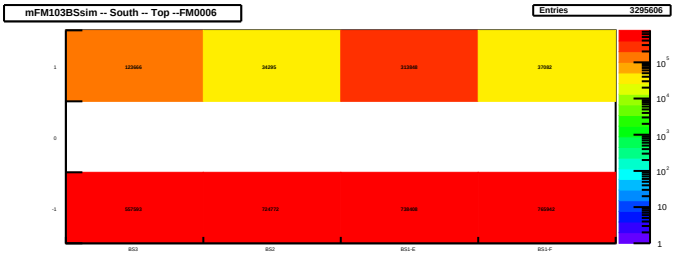
Entries 1.949237e+07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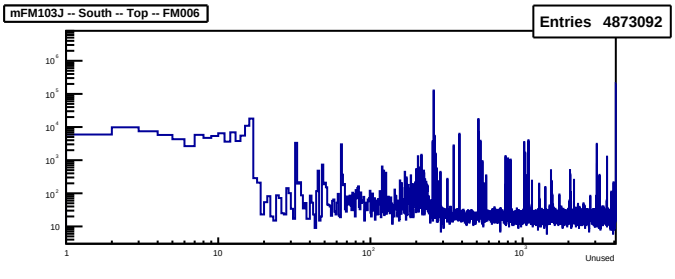
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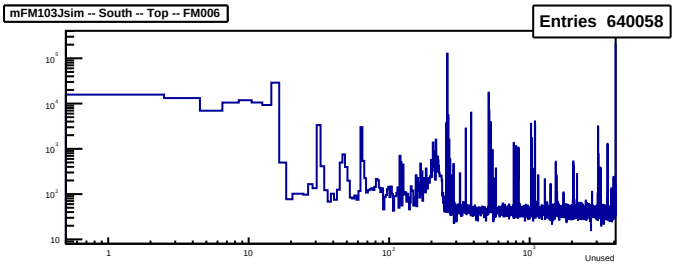
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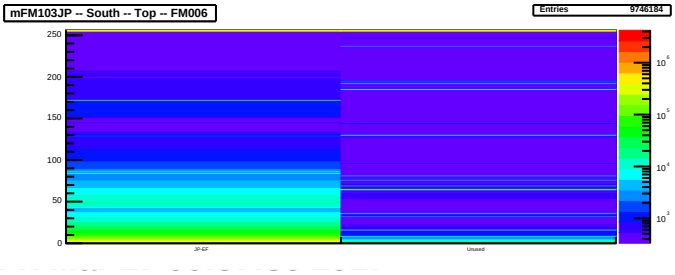
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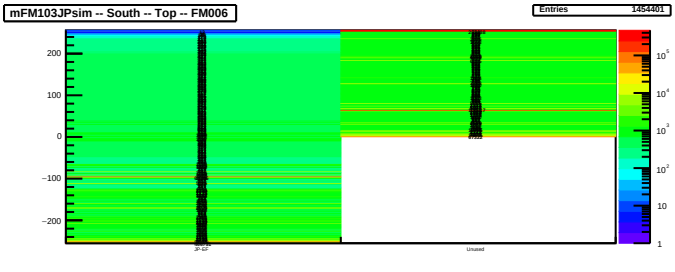
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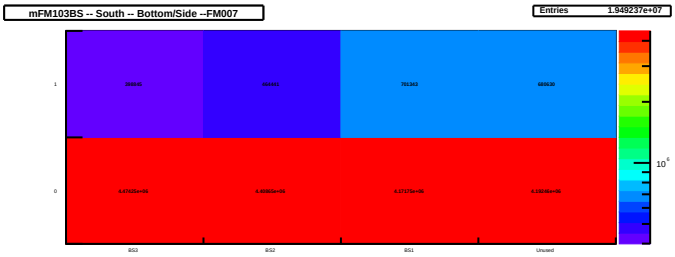
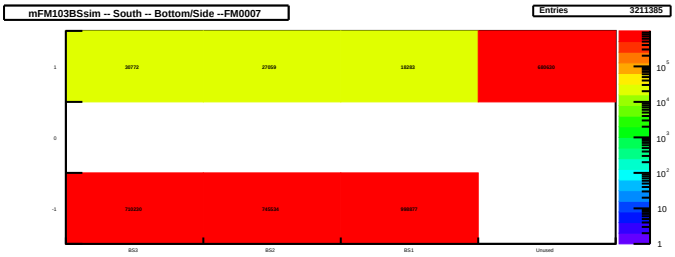

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.949237e+07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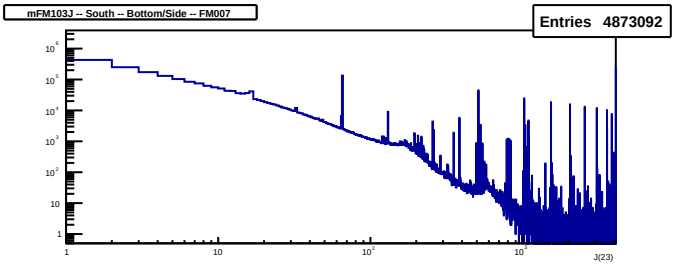
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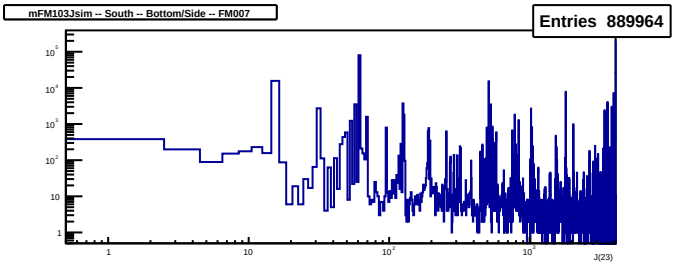
Entries 4873092
J(23)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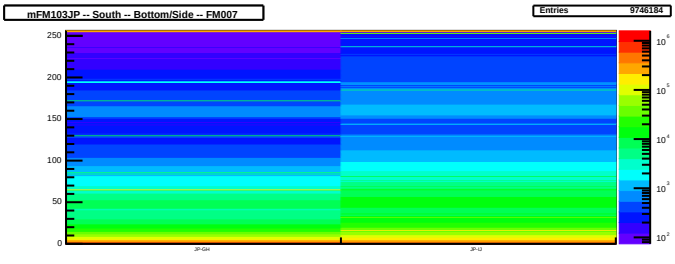
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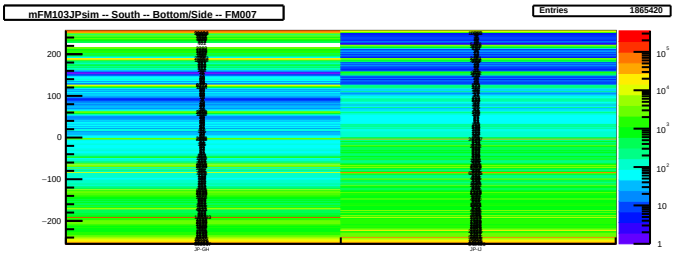
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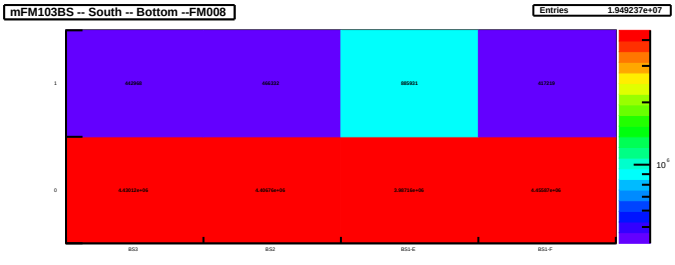
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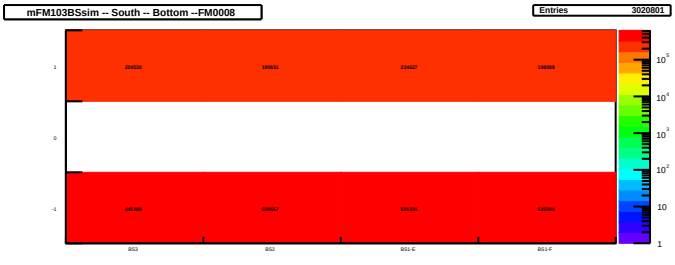
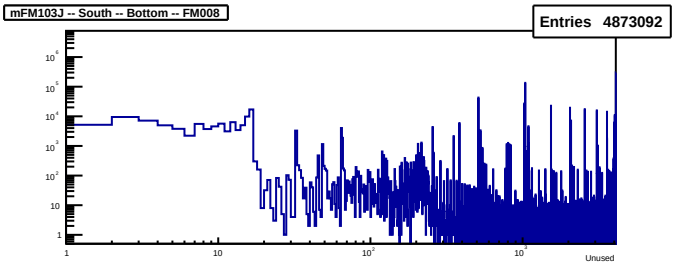
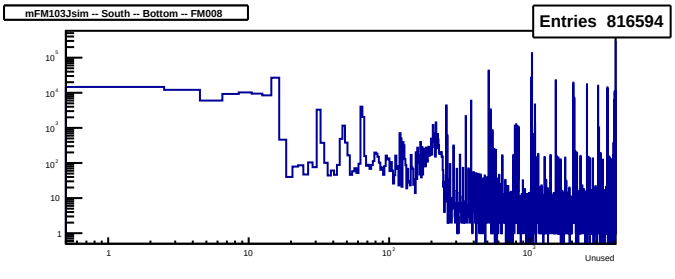
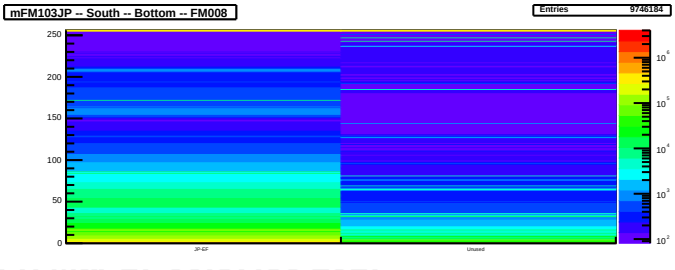
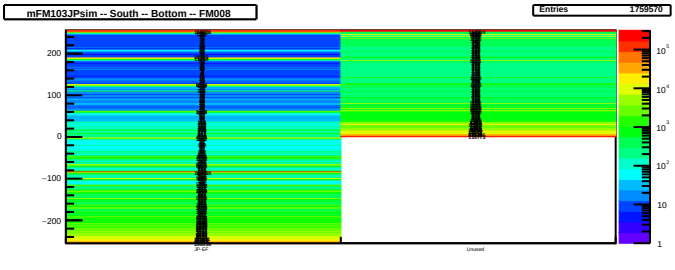
Entries 1.949237e+07

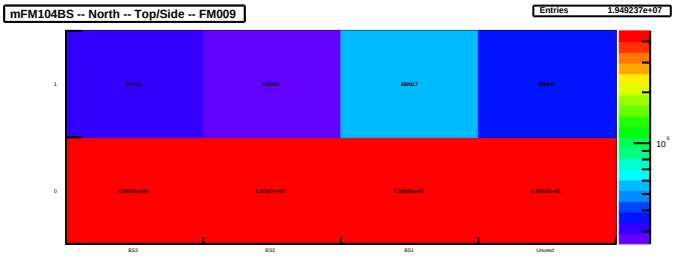

mFM103BSsim -- South -- Bottom --FM0008
Entries 3020801

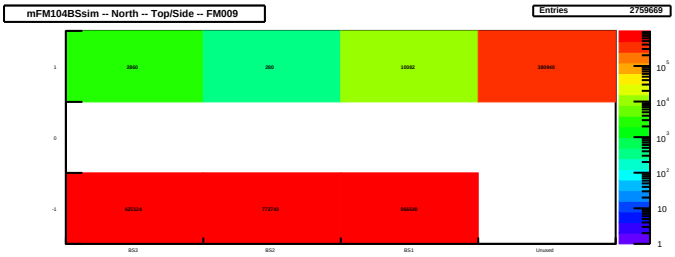

mFM103J -- South -- Bottom -- FM008
Entries 4873092
Unused

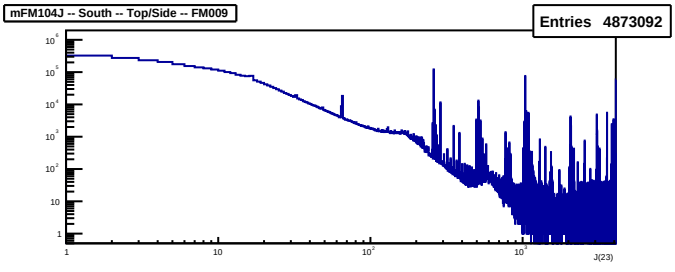

mFM103Jsim -- South -- Bottom -- FM008
Entries 816594
Unused

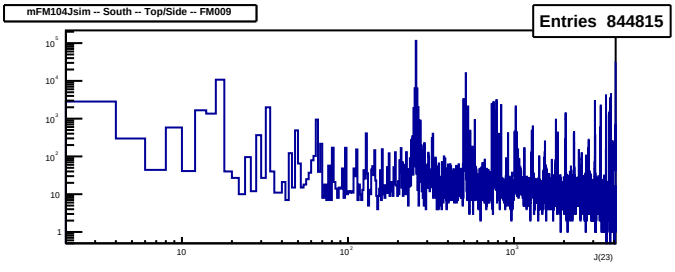

mFM103JP -- South -- Bottom -- FM008
Entries 9746184


mFM103JPsim -- South -- Bottom -- FM008
Entries 1759570


mFM104BS -- North -- Top/Side -- FM009
Entries 1.949237e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 2759669


mFM104J -- South -- Top/Side -- FM009
Entries 4873092
J(23)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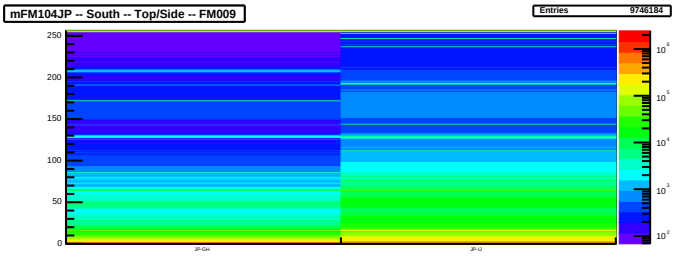
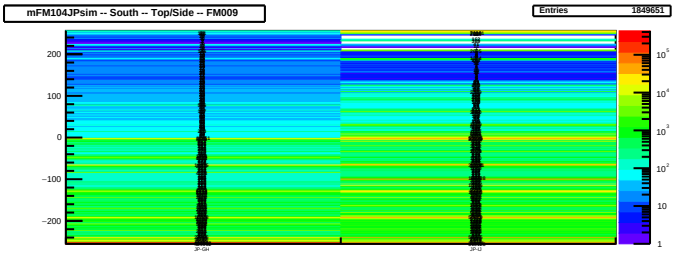
Entries 844815
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 9746184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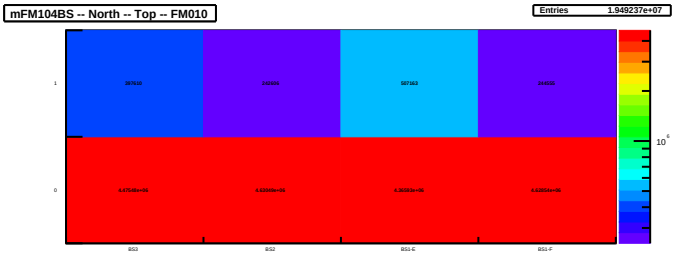
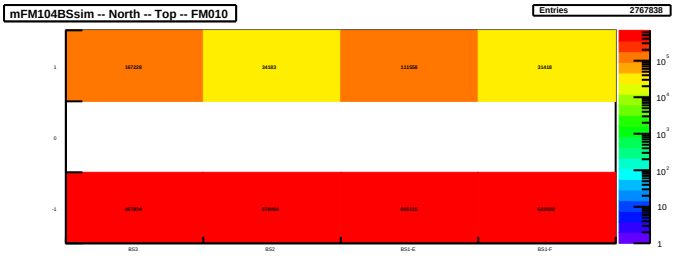
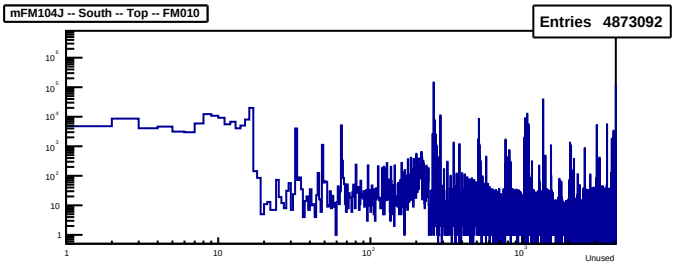
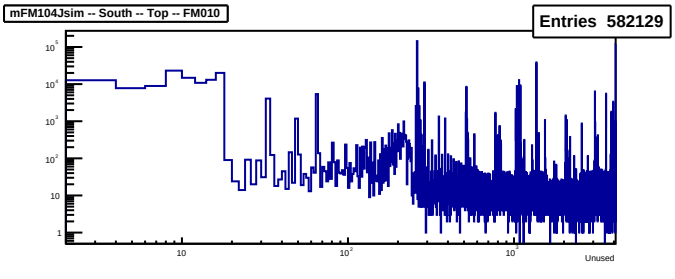
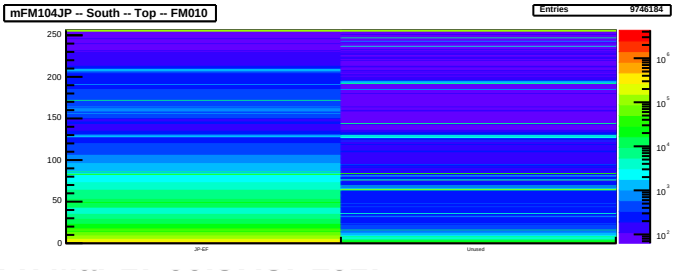
Entries 1849651

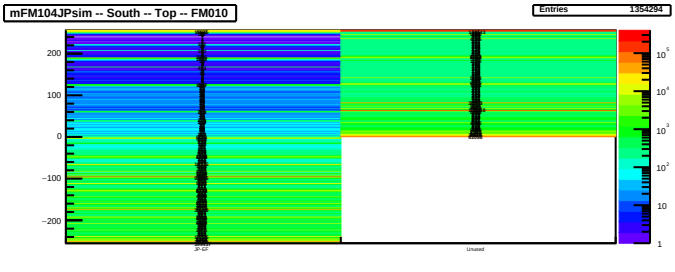

mFM104BS -- North -- Top -- FM010
Entries 1.949237e+07

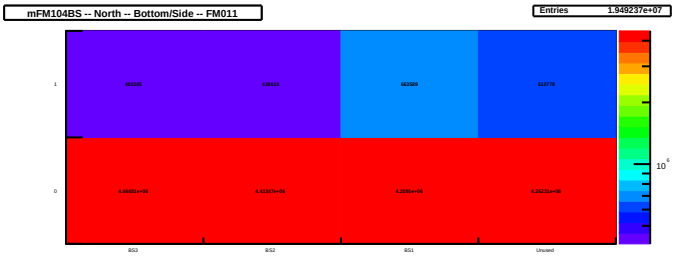

mFM104BSsim -- North -- Top -- FM010
Entries 2767838

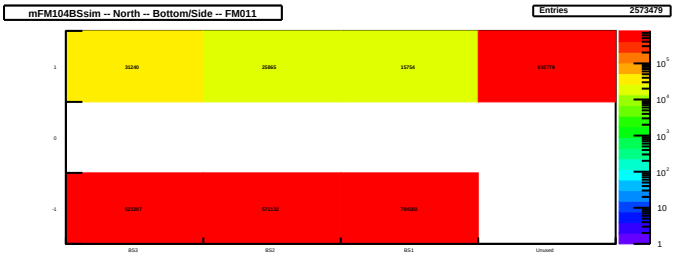

mFM104J -- South -- Top -- FM010
Entries 4873092
Unused

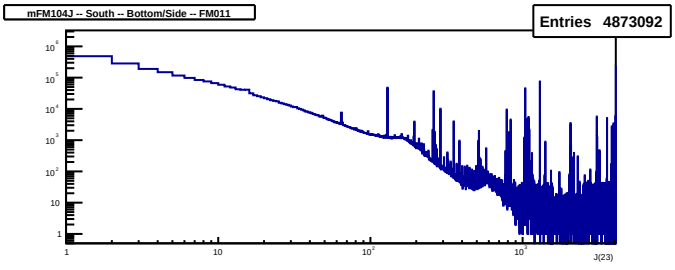

mFM104Jsim -- South -- Top -- FM010
Entries 582129
Unused

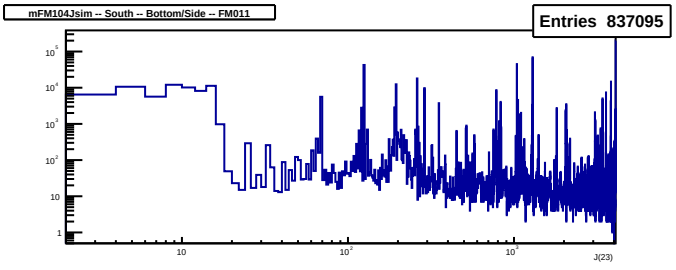

mFM104JP -- South -- Top -- FM010
Entries 9746184

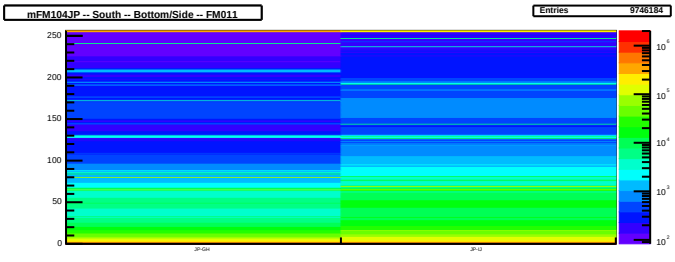

mFM104JPsim -- South -- Top -- FM010
Entries 1354294

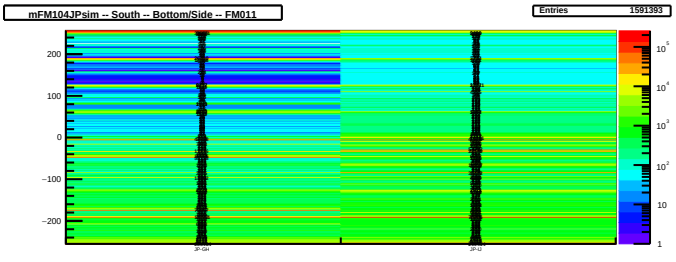

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.949237e+07

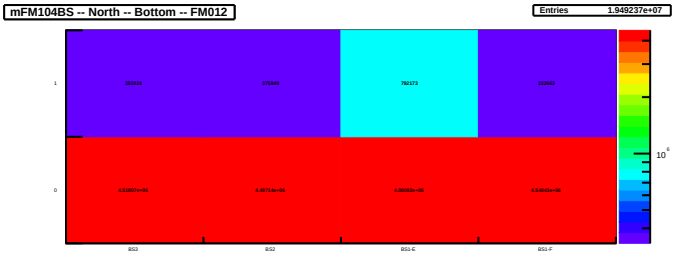

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2573479

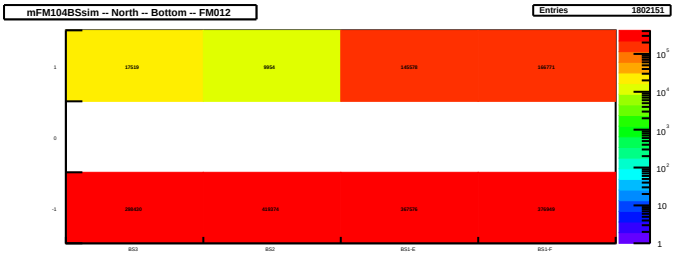

mFM104J -- South -- Bottom/Side -- FM011
Entries 4873092
J(23)

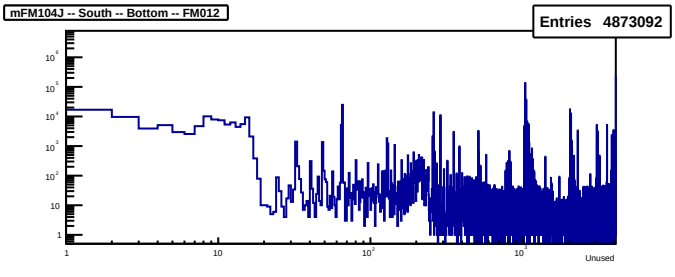

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 837095
J(23)

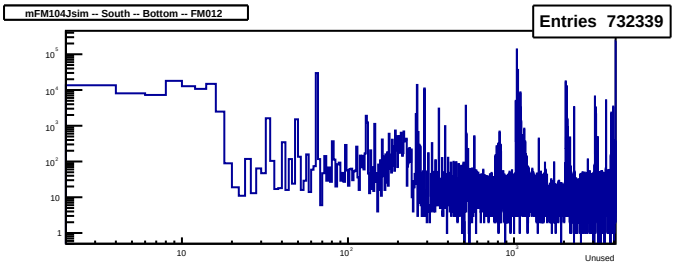

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9746184


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1591393


mFM104BS -- North -- Bottom -- FM012
Entries 1.949237e+07


mFM104BSsim -- North -- Bottom -- FM012
Entries 1802151


mFM104J -- South -- Bottom -- FM012
Entries 4873092
Unused


mFM104Jsim -- South -- Bottom -- FM012
Entries 732339
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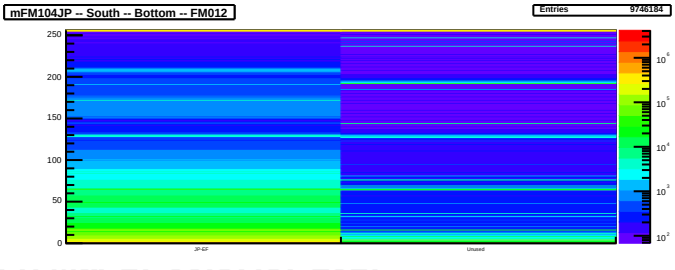
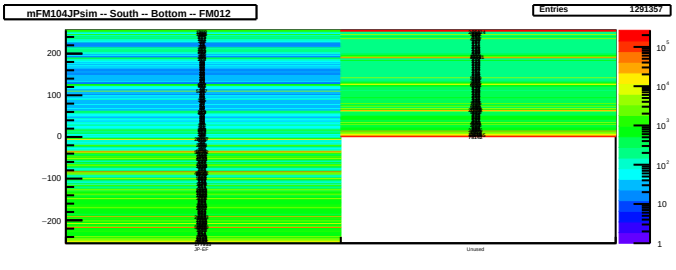
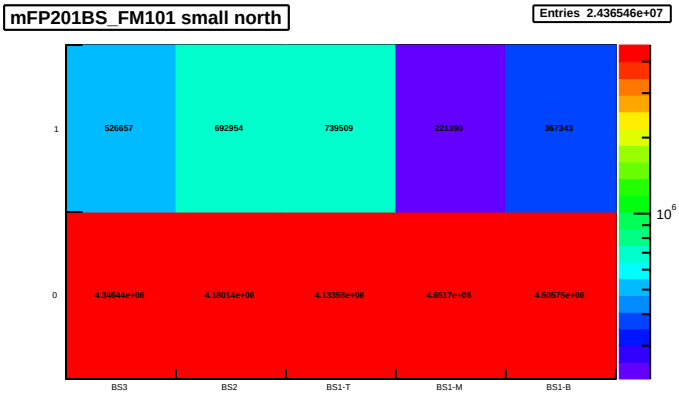
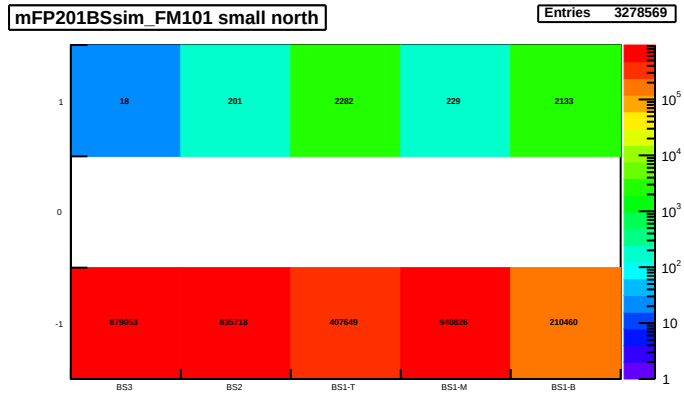
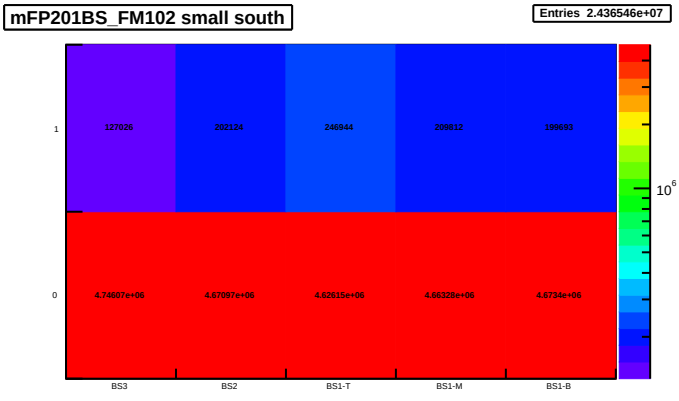
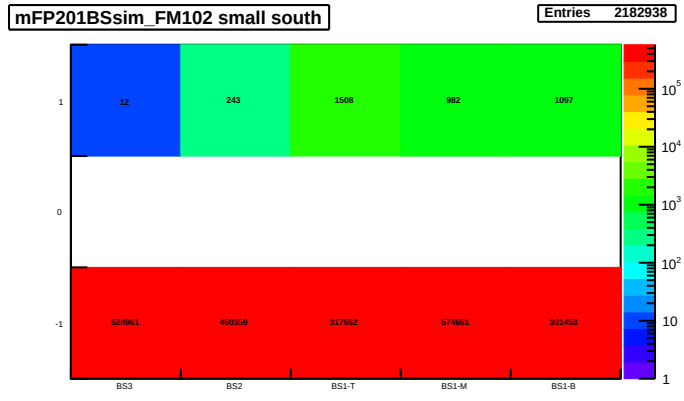

mFM104JP -- South -- Bottom -- FM012
Entries 9746184

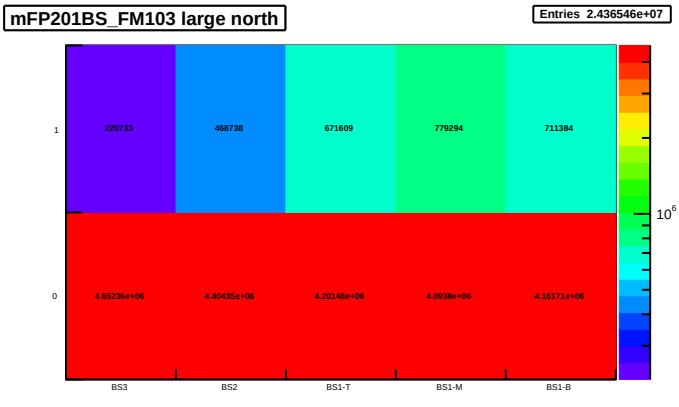

mFM104JPsim -- South -- Bottom -- FM012
Entries 1291357

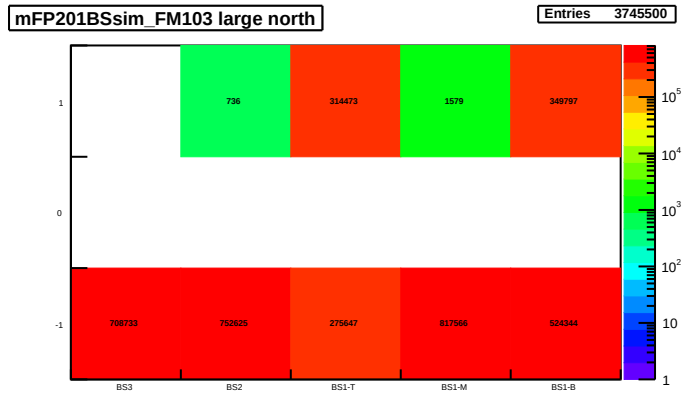

mFP201BS_FM101 small north
Entries 2.436546e+07
526657
692954
739509
221390
367343
4.34644e+06
4.18014e+06
4.13358e+06
4.6517e+06
4.50575e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

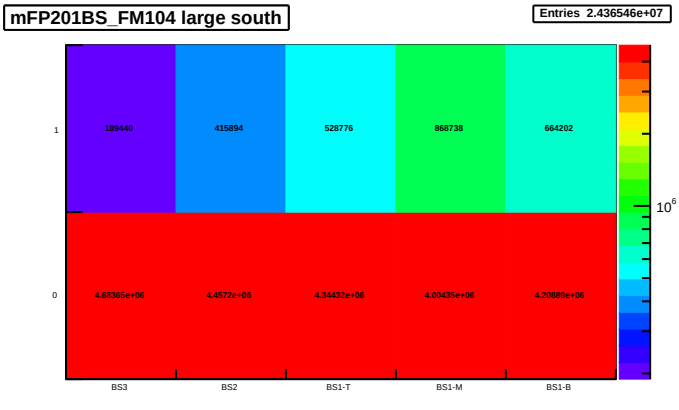

mFP201BSsim_FM101 small north
Entries 3278569
18
201
2282
229
2133
879053
835718
407649
940826
210460
BS3
BS2
BS1-T
BS1-M
BS1-B

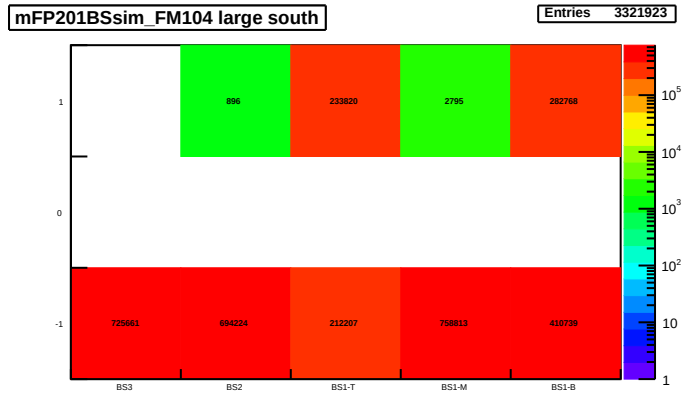

mFP201BS_FM102 small south
Entries 2.436546e+07
127026
202124
246944
209812
199693
4.74607e+06
4.67097e+06
4.62615e+06
4.66328e+06
4.6734e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

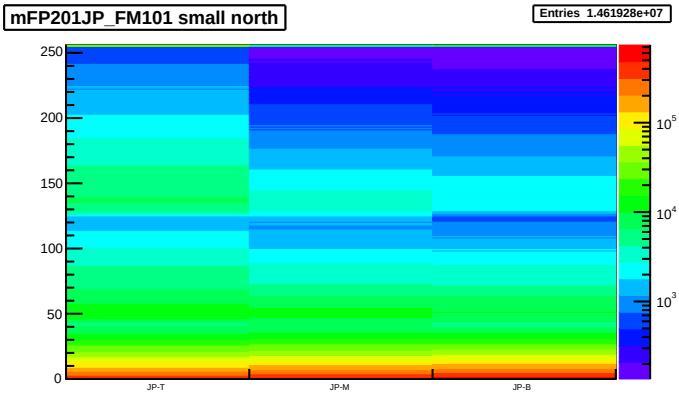

mFP201BSsim_FM102 small south
Entries 2182938
12
243
1508
982
1097
524961
460359
317662
574661
301453
BS3
BS2
BS1-T
BS1-M
BS1-B

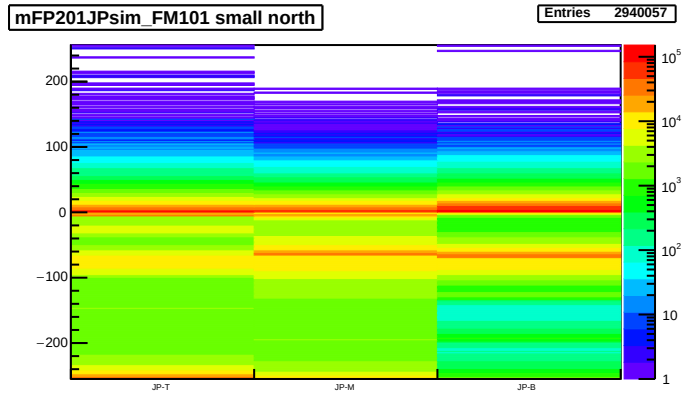

mFP201BS_FM103 large north
Entries 2.436546e+07
220733
468738
671609
779294
711384
4.65236e+06
4.40435e+06
4.20148e+06
4.0938e+06
4.16171e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

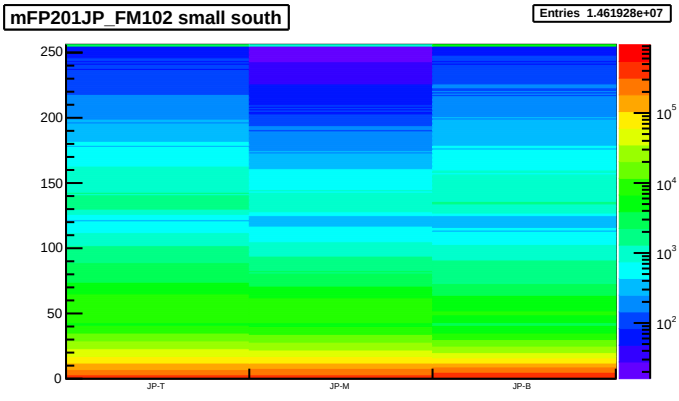

mFP201BSsim_FM103 large north
Entries 3745500
736
314473
1579
349797
708733
752625
275647
817566
524344
BS3
BS2
BS1-T
BS1-M
BS1-B

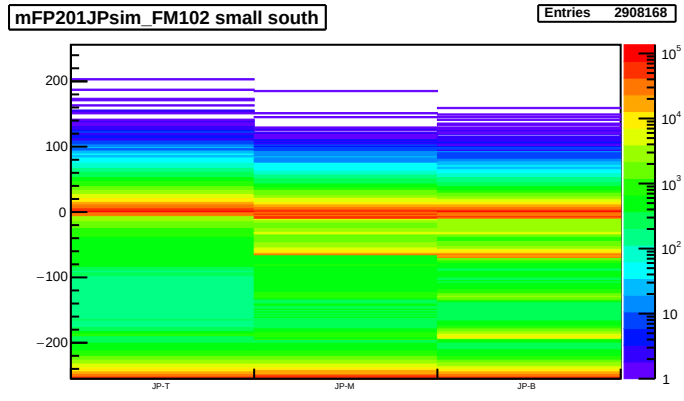

mFP201BS_FM104 large south
Entries 2.436546e+07
189440
415894
528776
868738
664202
4.68365e+06
4.4572e+06
4.34432e+06
4.00435e+06
4.20889e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

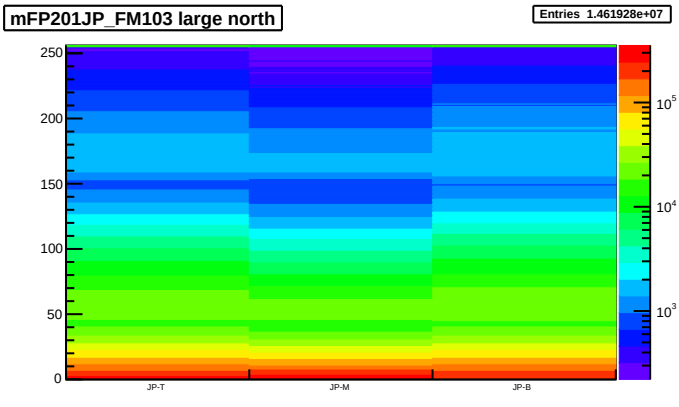

mFP201BSsim_FM104 large south
Entries 3321923
896
233820
2795
282768
725661
694224
212207
758813
410739
BS3
BS2
BS1-T
BS1-M
BS1-B

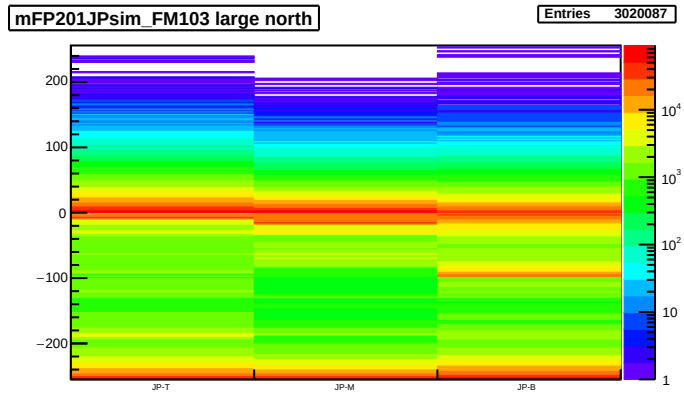

mFP201JP_FM101 small north
Entries 1.461928e+07
JP-T
JP-M
JP-B

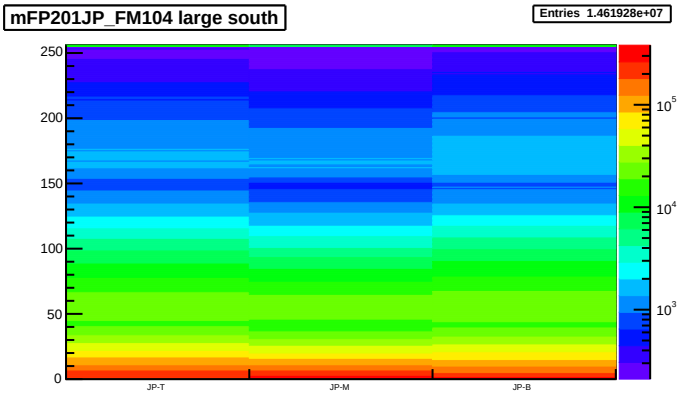

mFP201JPsim_FM101 small north
Entries 2940057
JP-T
JP-M
JP-B

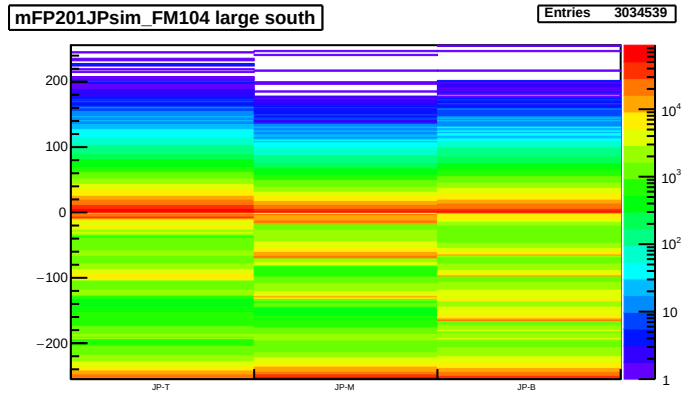

mFP201JP_FM102 small south
Entries 1.461928e+07
JP-T
JP-M
JP-B

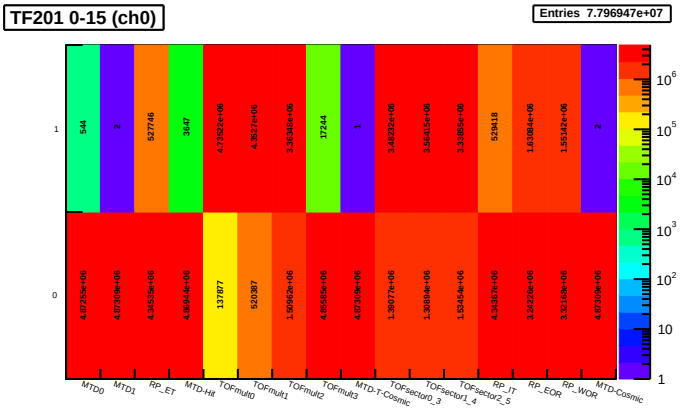

mFP201JPsim_FM102 small south
Entries 2908168
JP-T
JP-M
JP-B

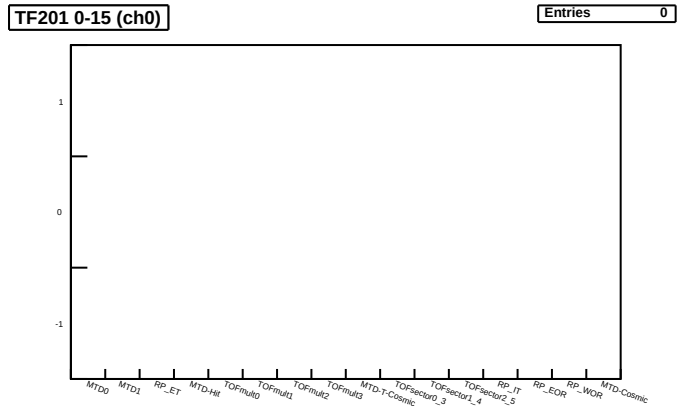

mFP201JP_FM103 large north
Entries 1.461928e+07
JP-T
JP-M
JP-B

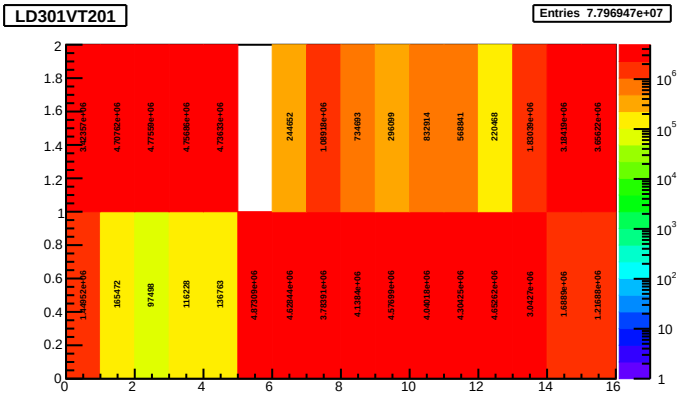

mFP201JPsim_FM103 large north
Entries 3020087
JP-T
JP-M
JP-B

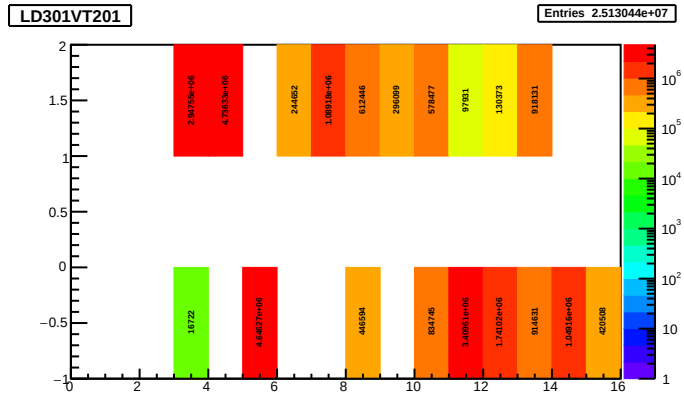

mFP201JP_FM104 large south
Entries 1.461928e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 3034539
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 7.796947e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


LD301VT201
Entries 7.796947e+07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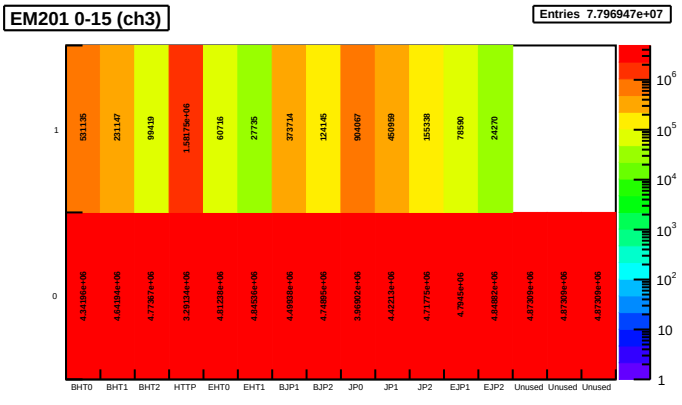
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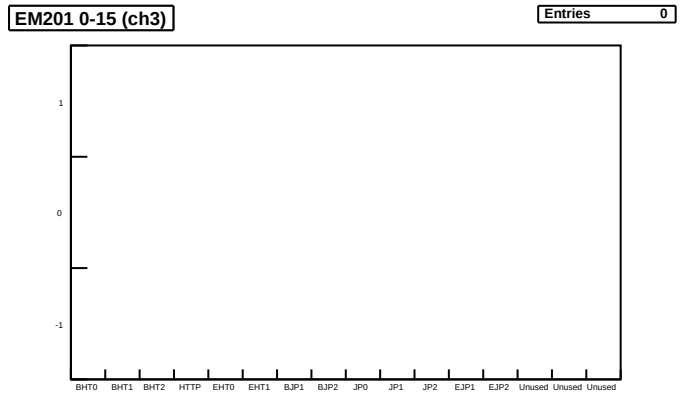
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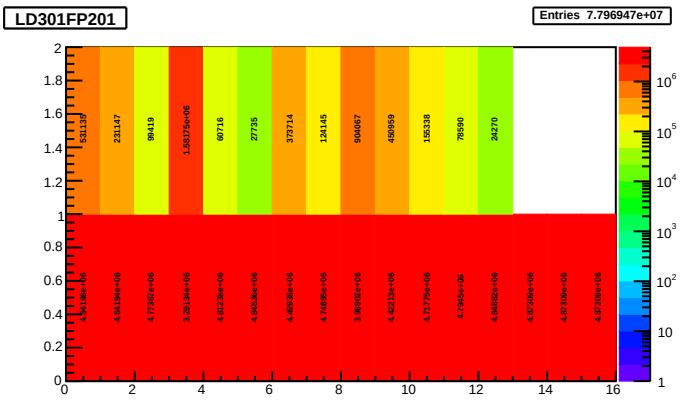
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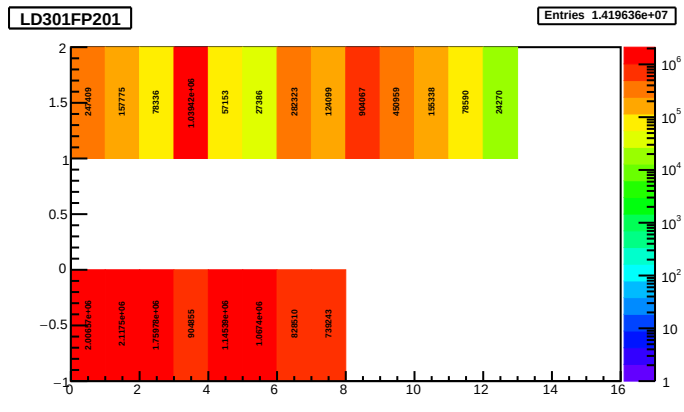
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