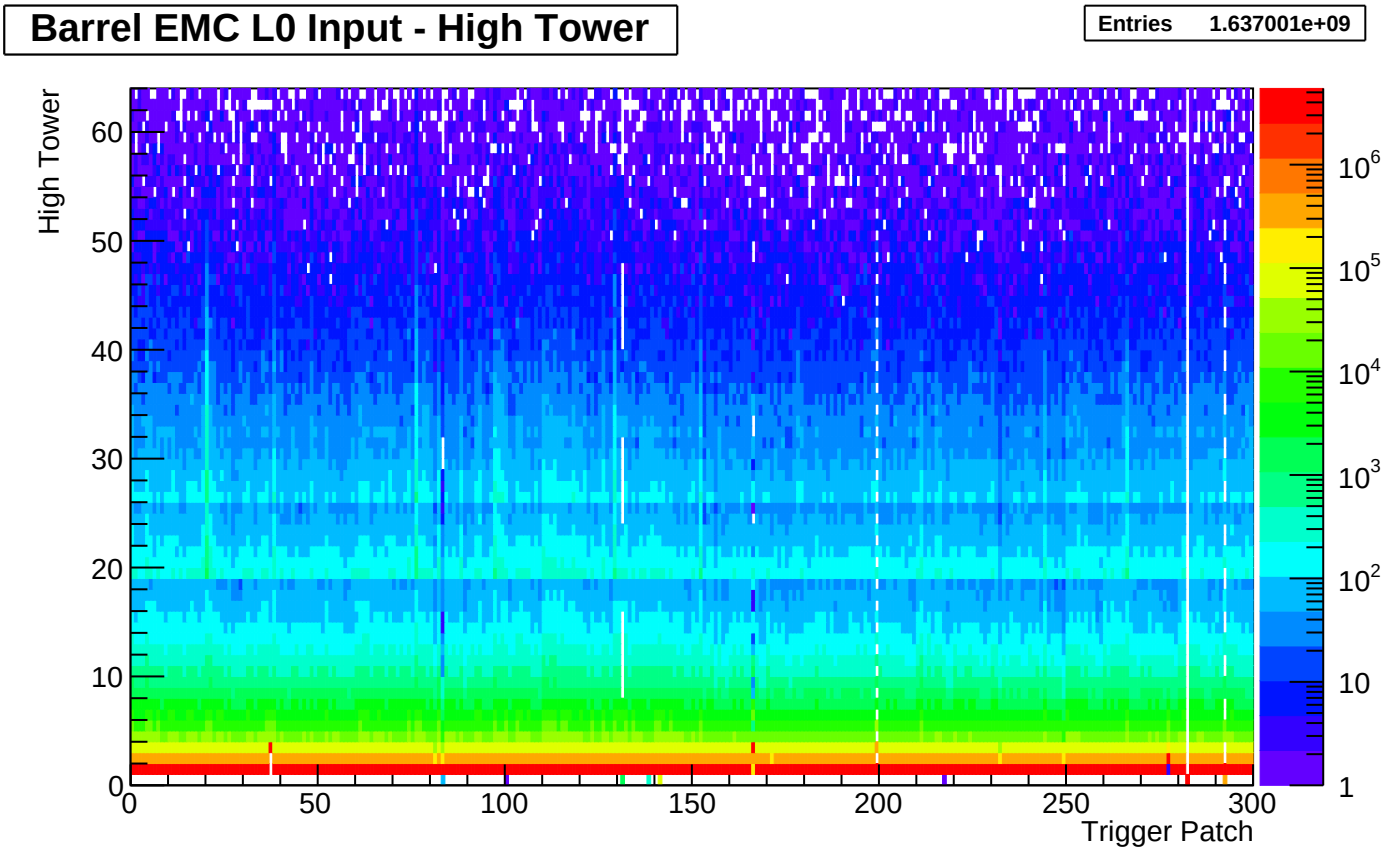
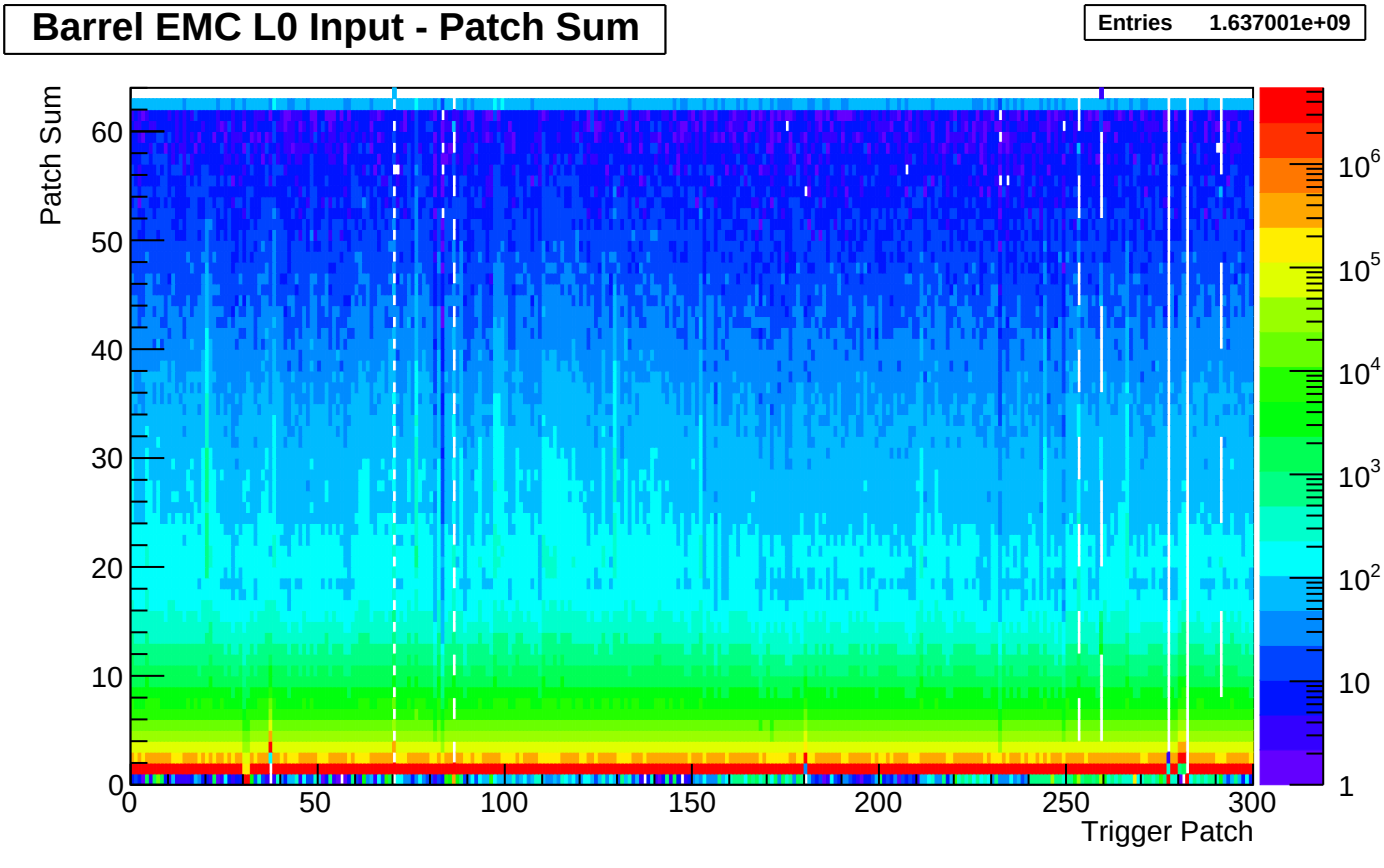
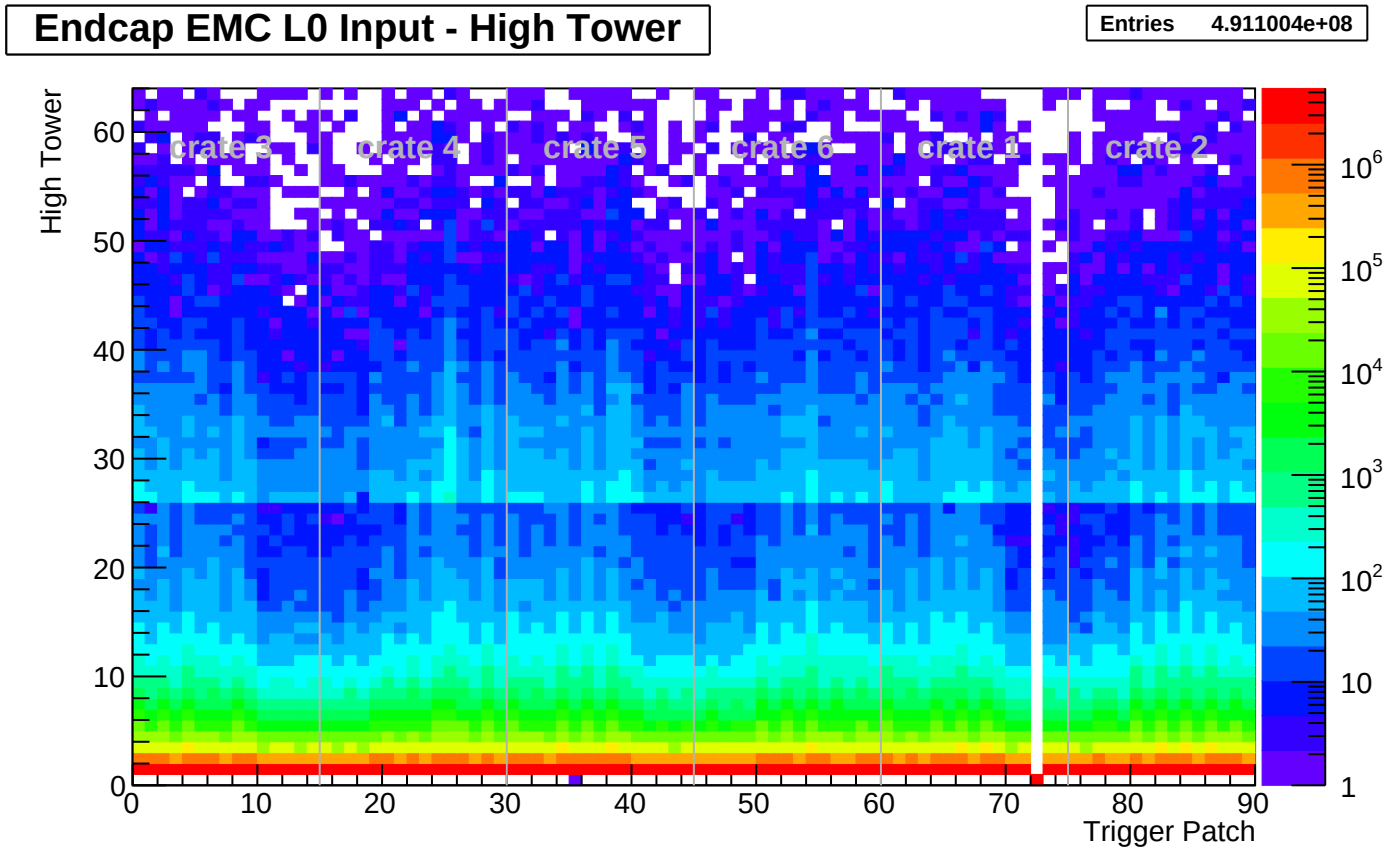
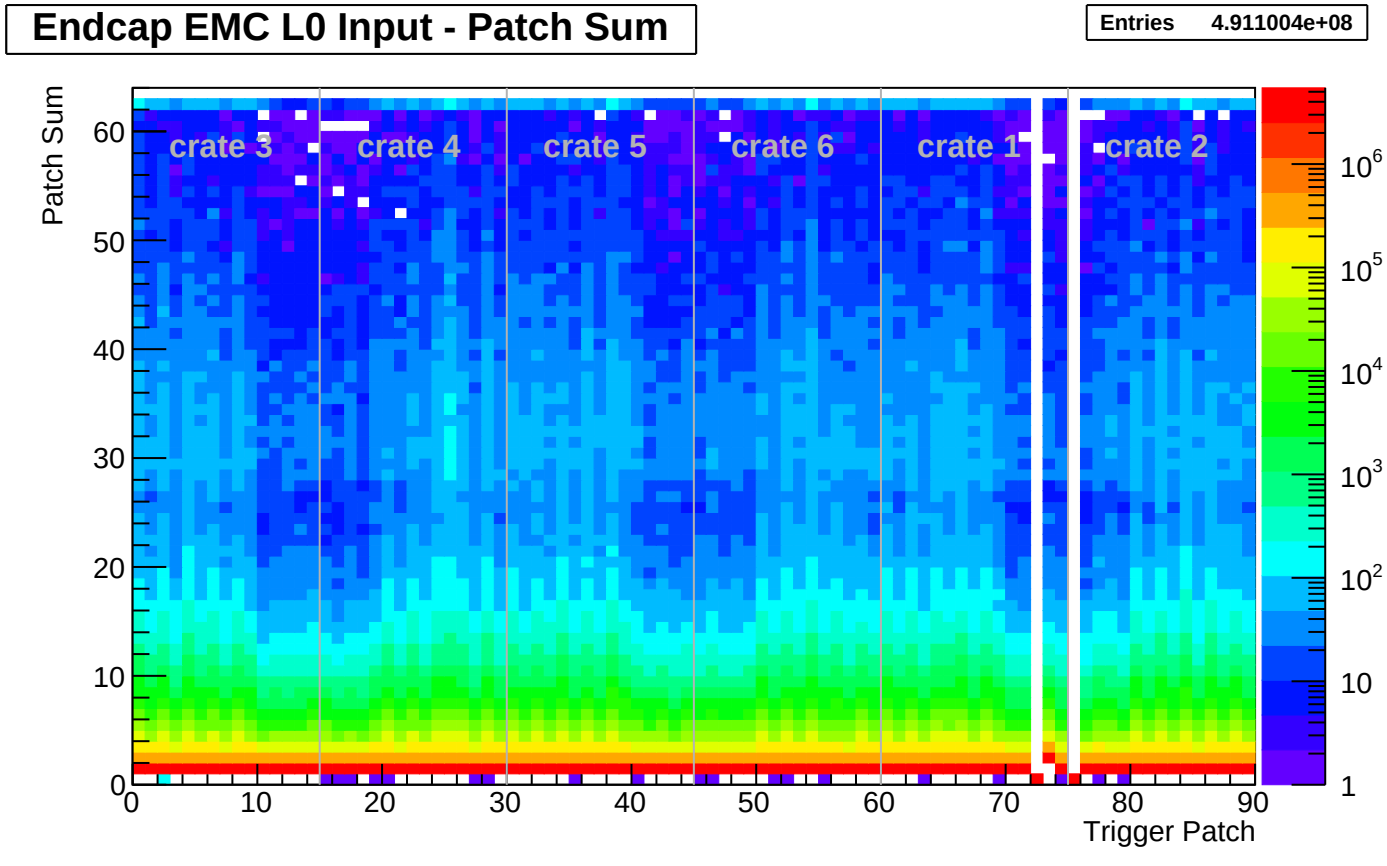
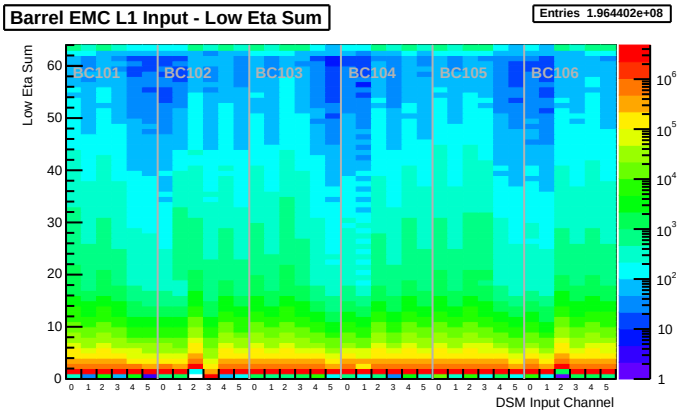
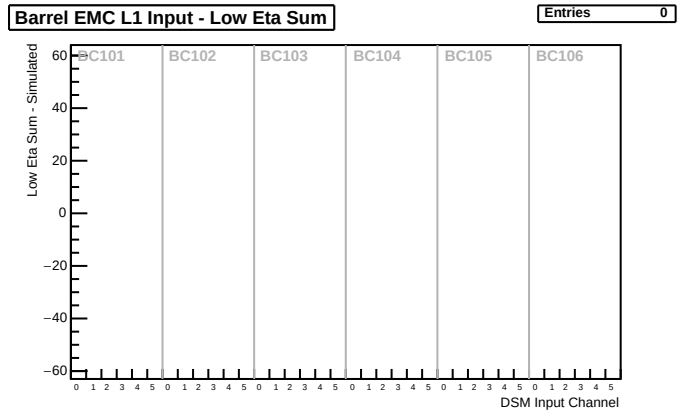

Barrel EMC L0 Input - High Tower
Entries 1.637001e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

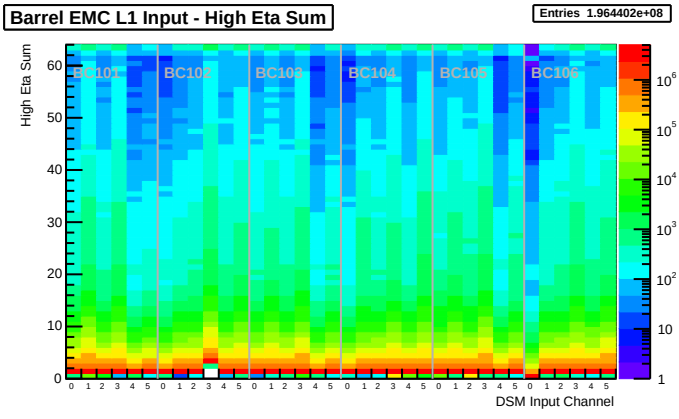

Barrel EMC L0 Input - Patch Sum
Entries 1.637001e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

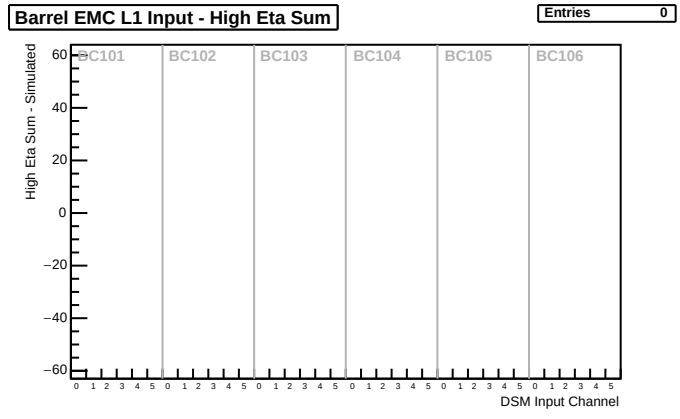

Endcap EMC L0 Input - High Tower
Entries 4.911004e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

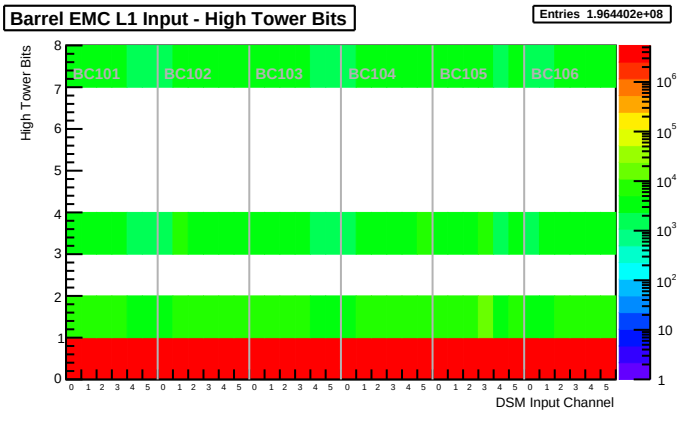

Endcap EMC L0 Input - Patch Sum
Entries 4.911004e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

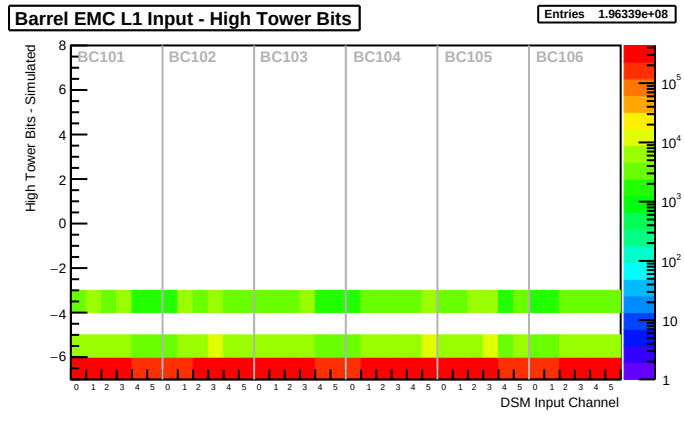

Barrel EMC L1 Input - Low Eta Sum
Entries 1.964402e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

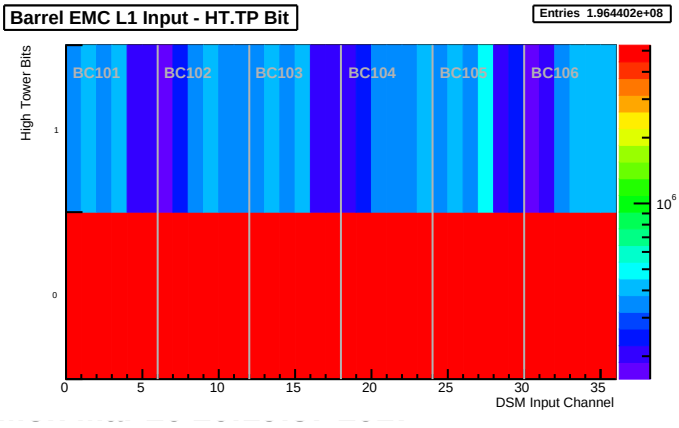

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

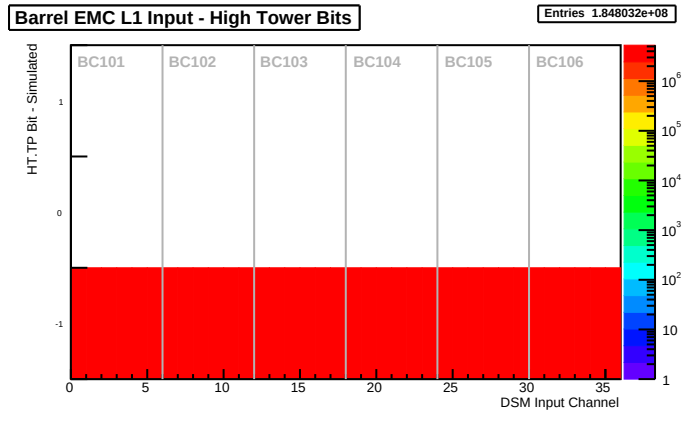

Barrel EMC L1 Input - High Eta Sum
Entries 1.964402e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

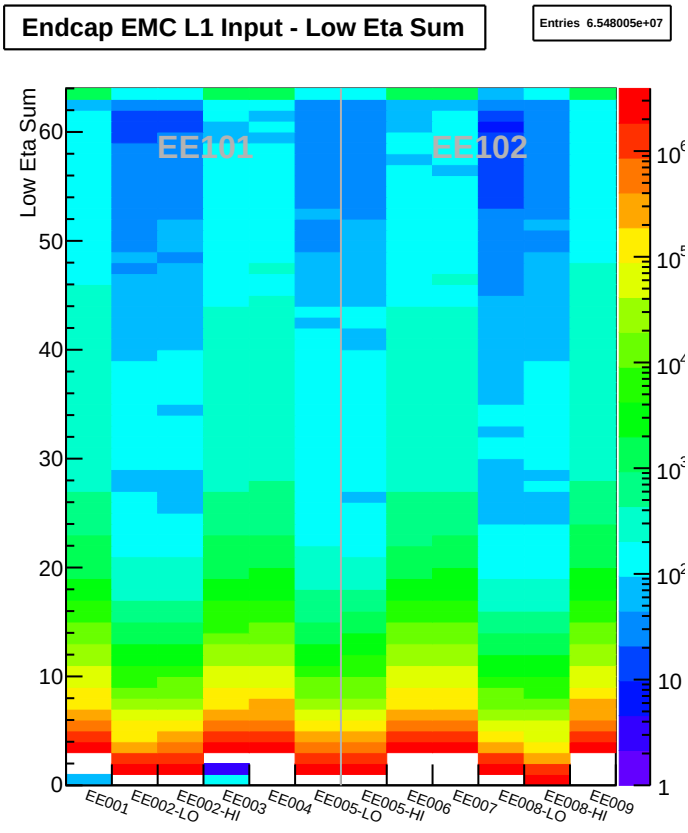

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

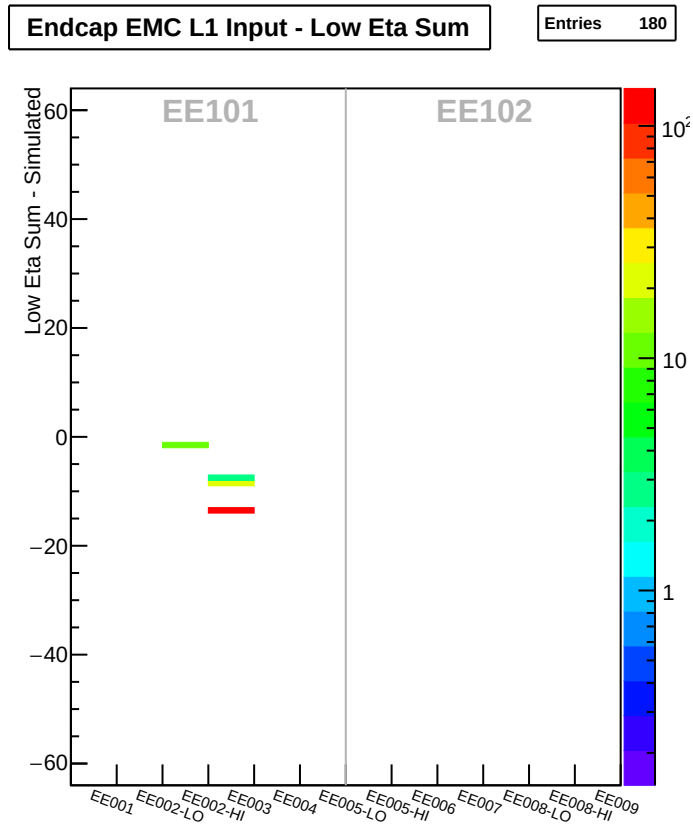

Barrel EMC L1 Input - High Tower Bits
Entries 1.964402e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

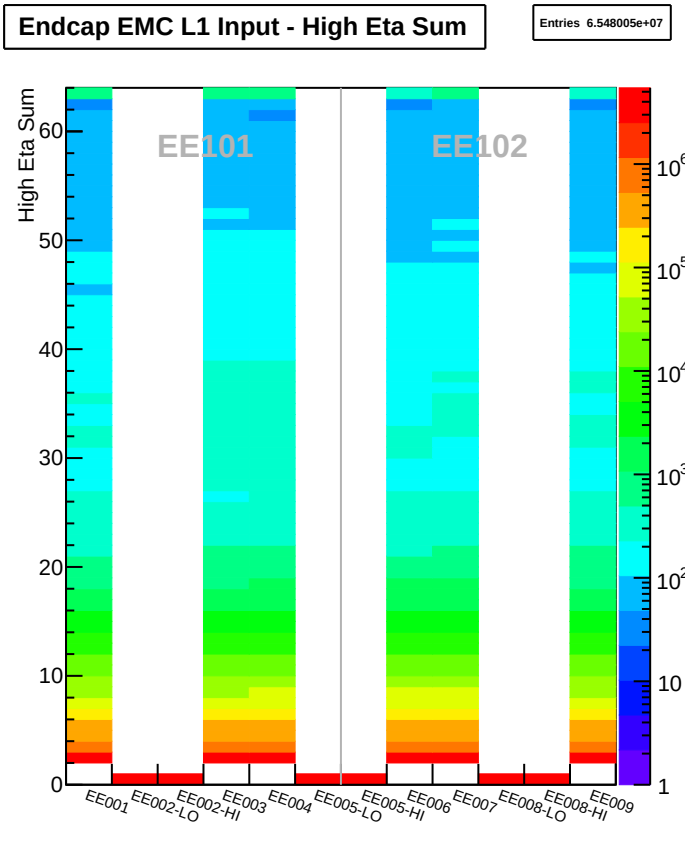

Barrel EMC L1 Input - High Tower Bits
Entries 1.96339e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

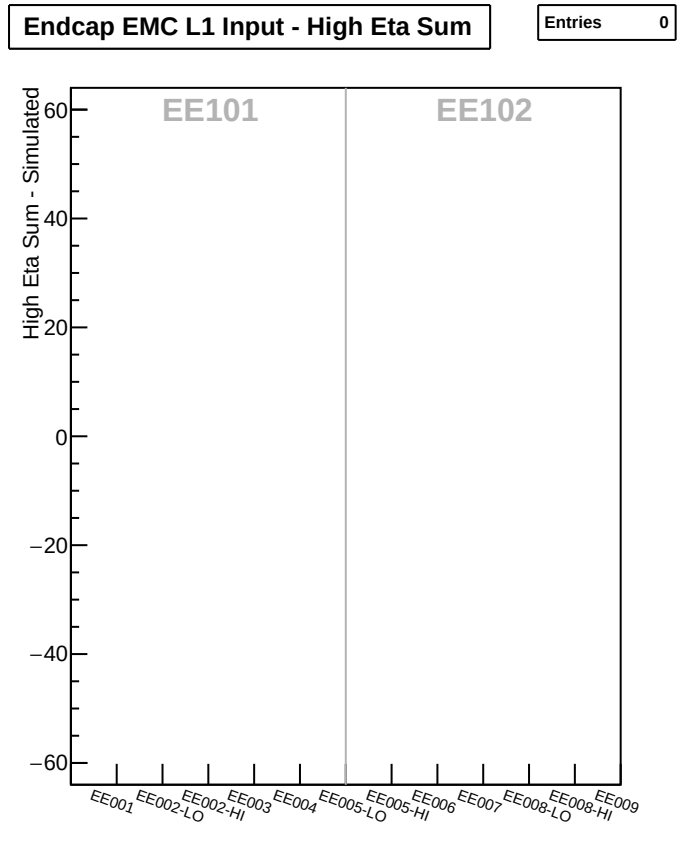

Barrel EMC L1 Input - HT.TP Bit
Entries 1.964402e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

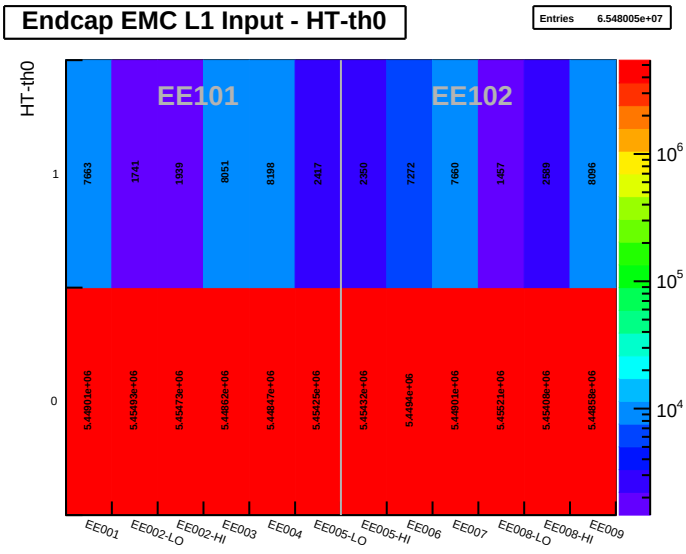

Barrel EMC L1 Input - High Tower Bits
Entries 1.848032e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

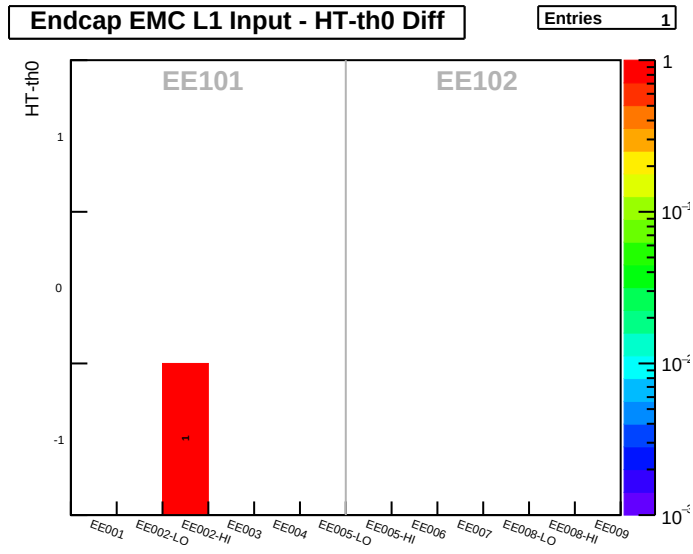

Endcap EMC L1 Input - Low Eta Sum
Entries 6.548005e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

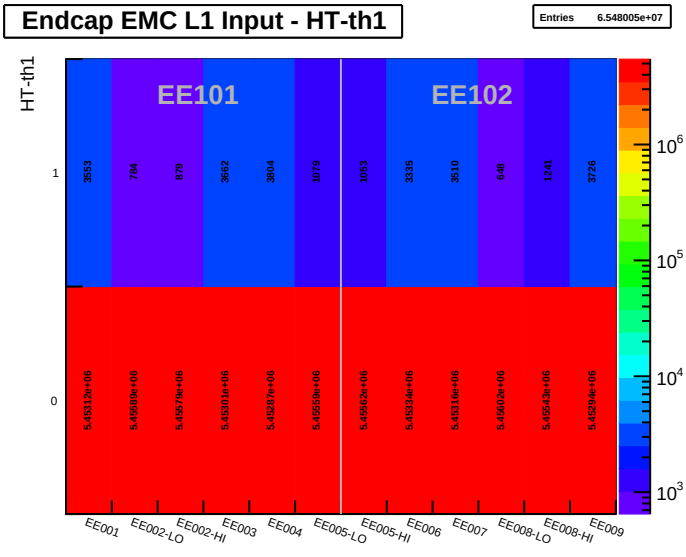

Endcap EMC L1 Input - Low Eta Sum
Entries 180
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

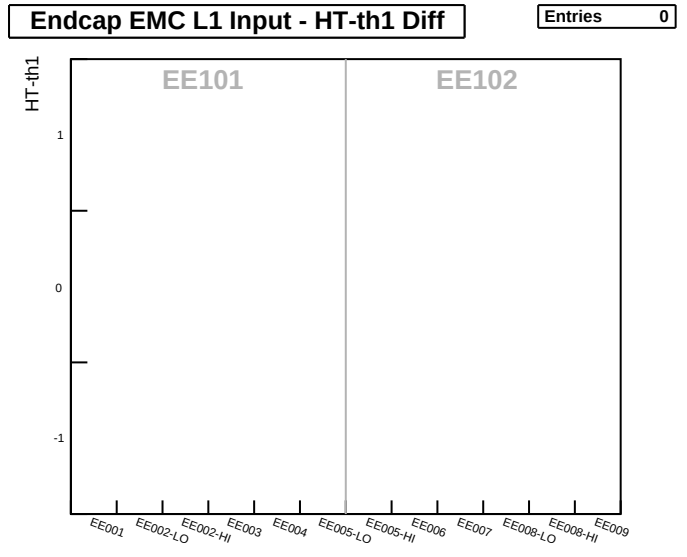

Endcap EMC L1 Input - High Eta Sum
Entries 6.548005e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

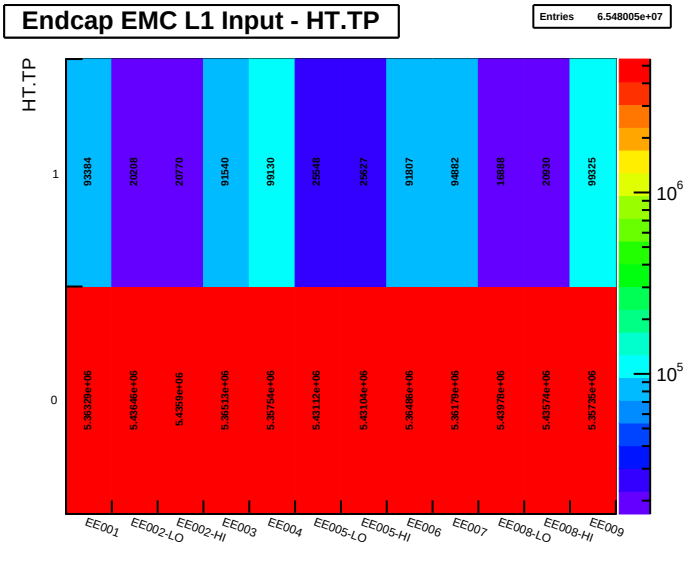

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

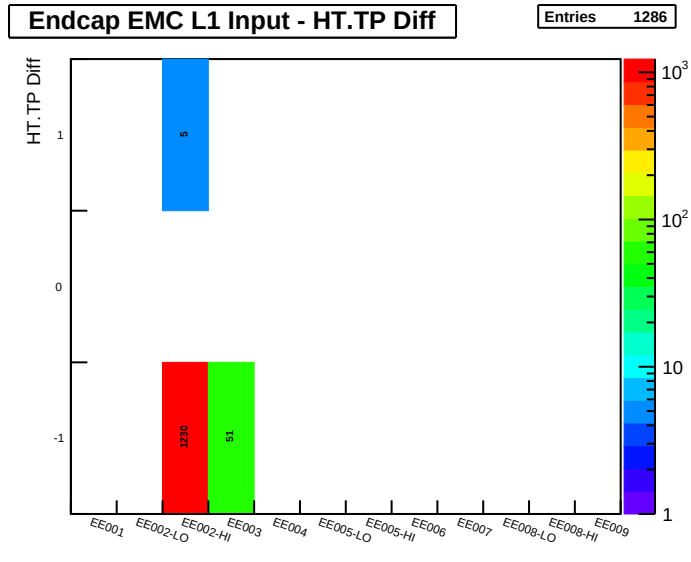

Endcap EMC L1 Input - HT-th0
Entries 6.548005e+07
HT-th0
EE101
EE102
7663 1741 1939 8051 8198 2417 2350 7272 7660 1457 2389 8096
5.48901e+06 5.45493e+06 5.45473e+06 5.48625e+06 5.48847e+06 5.45425e+06 5.45432e+06 5.4494e+06 5.48901e+06 5.45521e+06 5.45408e+06 5.48858e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

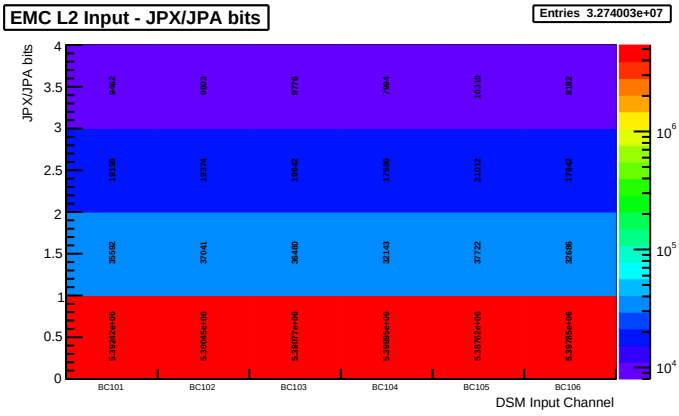

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
HT-th0
EE101
EE102
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

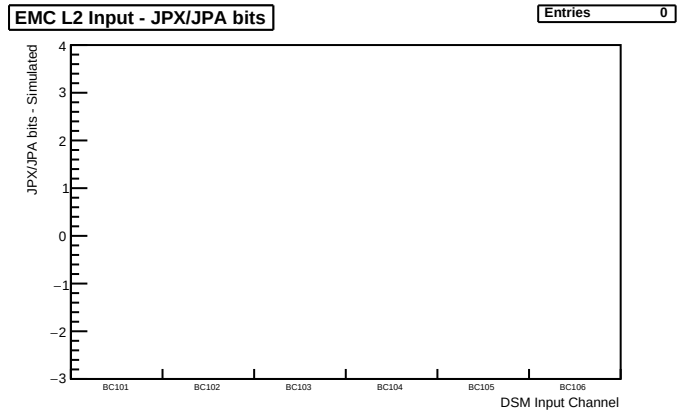

Endcap EMC L1 Input - HT-th1
Entries 6.548005e+07
HT-th1
EE101
EE102
3553 784 879 3662 3904 1079 1053 3335 3510 648 1241 3726
5.45312e+06 5.45559e+06 5.45573e+06 5.45301e+06 5.45287e+06 5.45559e+06 5.45562e+06 5.45334e+06 5.45316e+06 5.45602e+06 5.45543e+06 5.45294e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

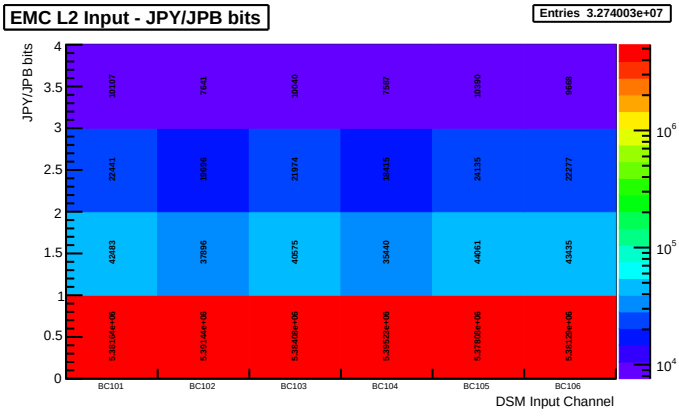

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

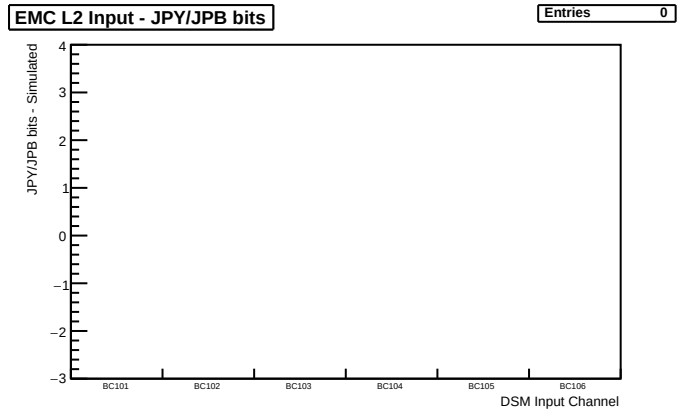

Endcap EMC L1 Input - HT.TP
Entries 6.548005e+07
HT.TP
93384 20208 20770 91540 99130 25546 25627 91807 94882 16888 20930 99325
5.36328e+06 5.43646e+06 5.4350e+06 5.36513e+06 5.35754e+06 5.43112e+06 5.43104e+06 5.36486e+06 5.36179e+06 5.43078e+06 5.43574e+06 5.35735e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

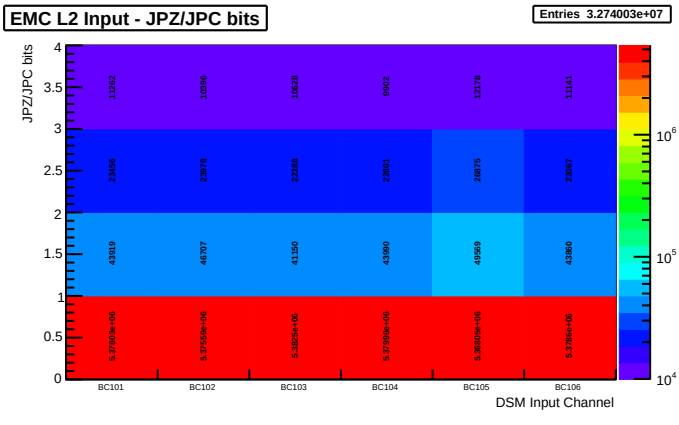

Endcap EMC L1 Input - HT.TP Diff
Entries 1286
HT.TP Diff
5
1230
51
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

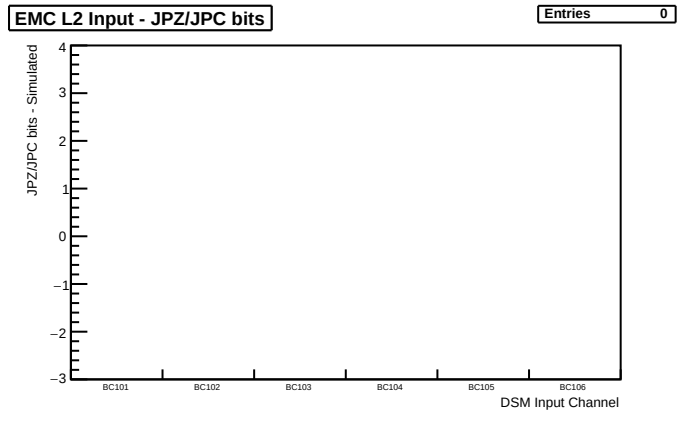

EMC L2 Input - JPX/JPA bits
Entries 3.274003e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9462
9933
9776
7994
10319
8182
19188
19374
19642
17586
21032
17942
35592
37041
36480
32143
37722
32686
5.32942e+06
5.33045e+06
5.33077e+06
5.33085e+06
5.33762e+06
5.33785e+06

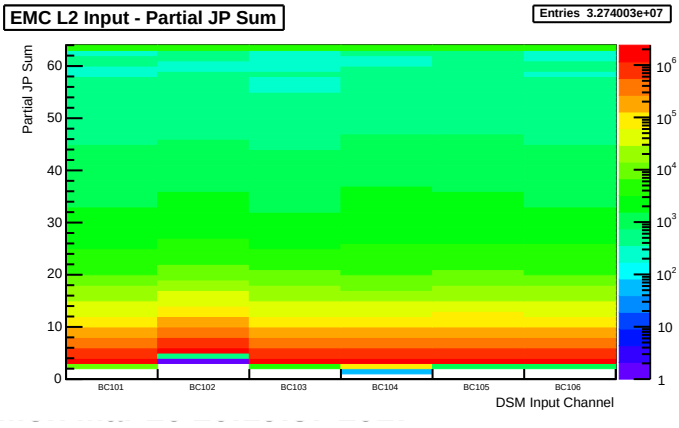

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

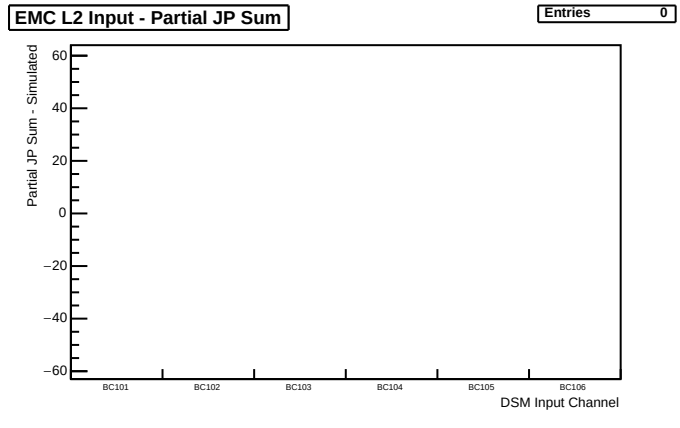

EMC L2 Input - JPY/JPB bits
Entries 3.274003e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10107
7641
10040
7597
10390
9568
22441
19696
21974
19415
24135
22277
42483
37896
40575
35440
44061
43435
5.38164e+06
5.39144e+06
5.38408e+06
5.39323e+06
5.37808e+06
5.38129e+06

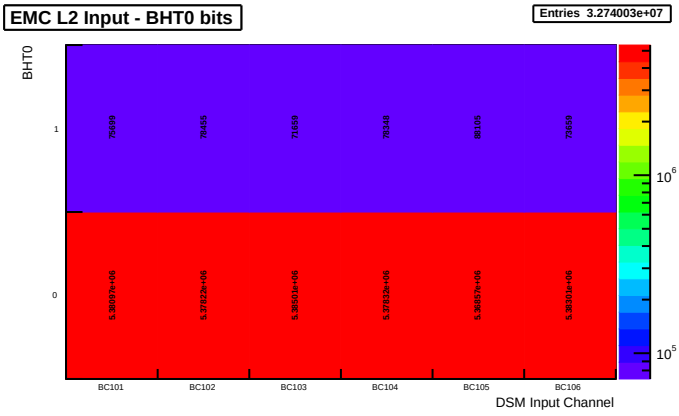

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

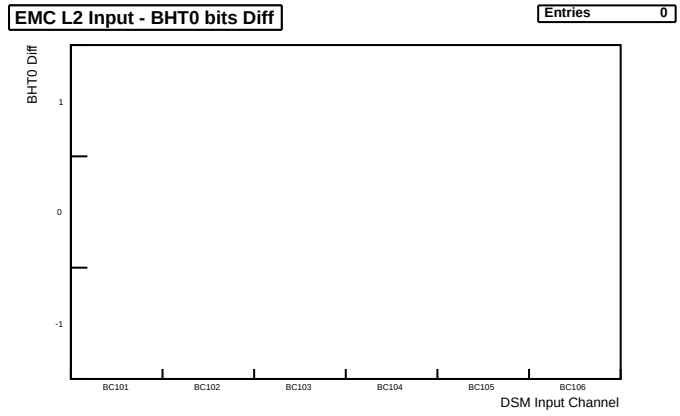

EMC L2 Input - JPZ/JPC bits
Entries 3.274003e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11252
10596
10628
9902
12278
11141
23456
23378
22388
22001
26875
23367
43819
46707
41150
43990
49569
43860
5.37832e+06
5.37559e+06
5.3825e+06
5.37938e+06
5.36895e+06
5.3786e+06

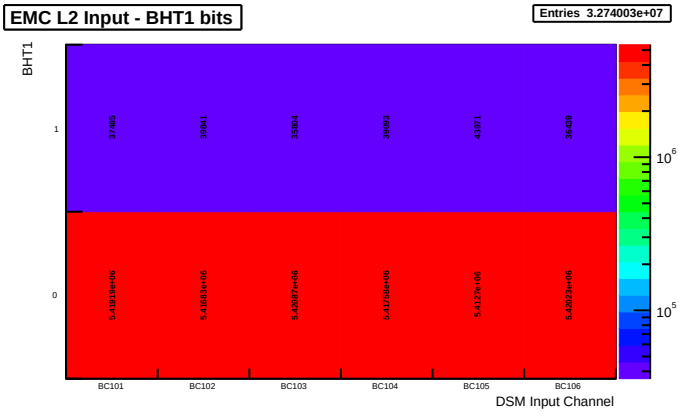

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

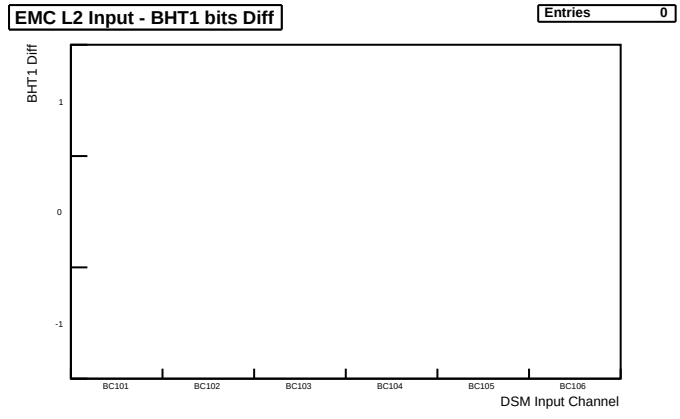

EMC L2 Input - Partial JP Sum
Entries 3.274003e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

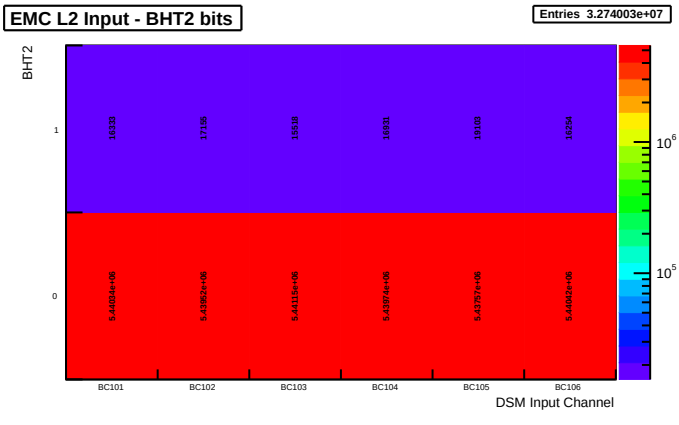

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

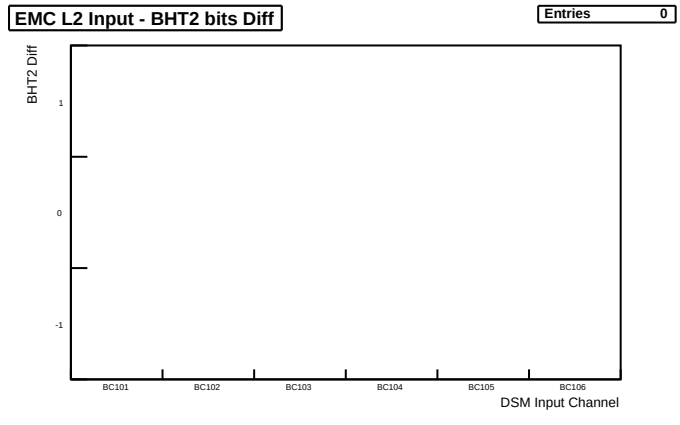

EMC L2 Input - BHT0 bits
Entries 3.274003e+07
BHT0
1
0
75699
78455
71659
78348
68105
73659
5.30097e+06
5.37022e+06
5.38501e+06
5.37032e+06
5.38857e+06
5.38301e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

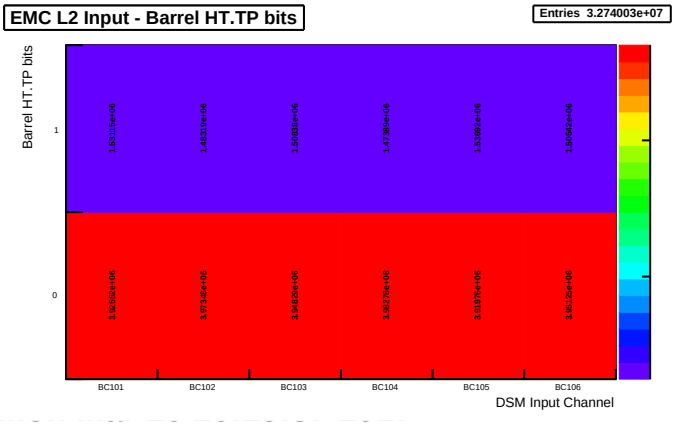

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

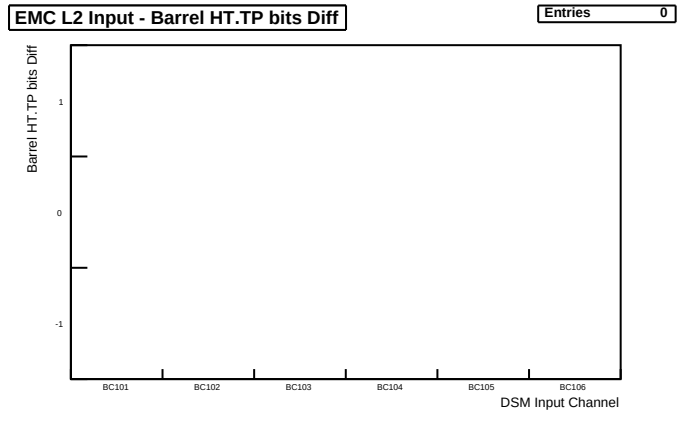

EMC L2 Input - BHT1 bits
Entries 3.274003e+07
BHT1
1
0
37495
38941
35804
39093
43971
35439
5.41519e+06
5.41883e+06
5.42087e+06
5.41759e+06
5.4127e+06
5.42023e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

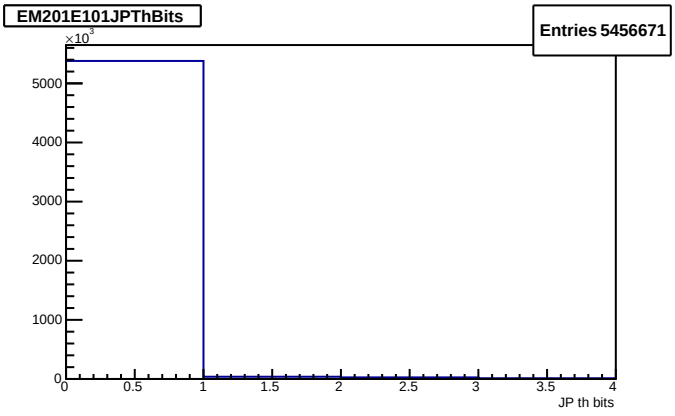

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

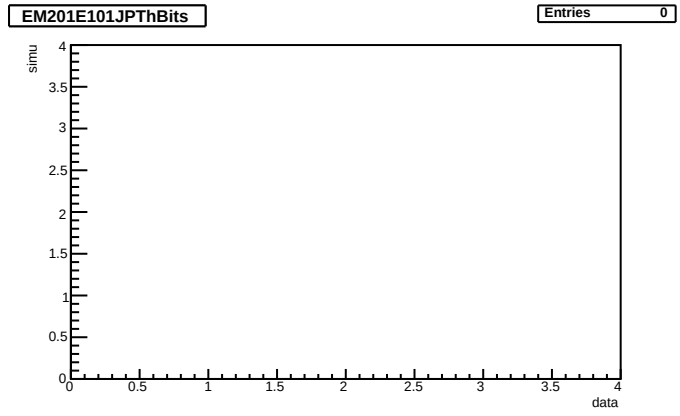

EMC L2 Input - BHT2 bits
Entries 3.274003e+07
BHT2
1
0
16333
17155
15518
16921
19103
16254
5.44034e+06
5.43952e+06
5.44115e+06
5.43974e+06
5.43757e+06
5.44002e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

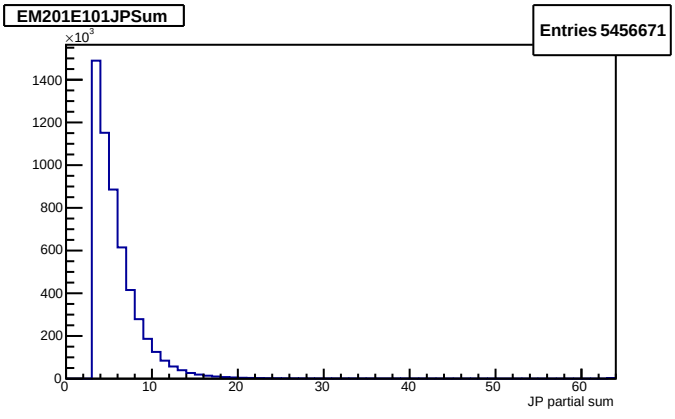

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

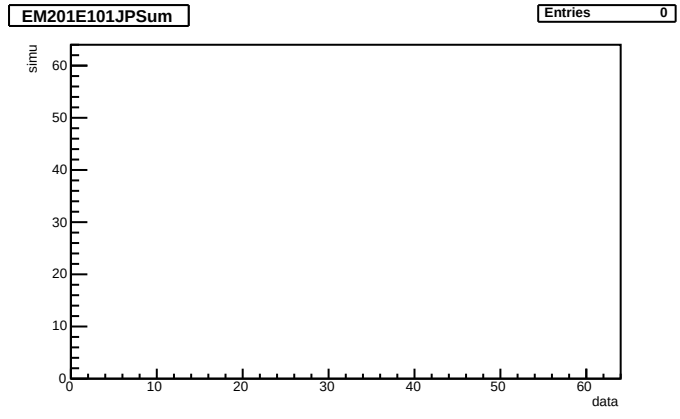

EMC L2 Input - Barrel HT.TP bits
Entries 3.274003e+07
Barrel HT.TP bits
1
0
1.53115e+06
1.49319e+06
1.50689e+06
1.47288e+06
1.53692e+06
1.50542e+06
3.92552e+06
3.97348e+06
3.94429e+06
3.98278e+06
3.91978e+06
3.95125e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

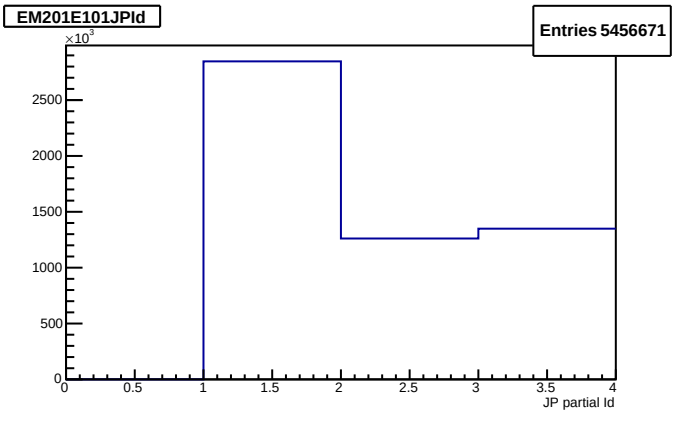

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

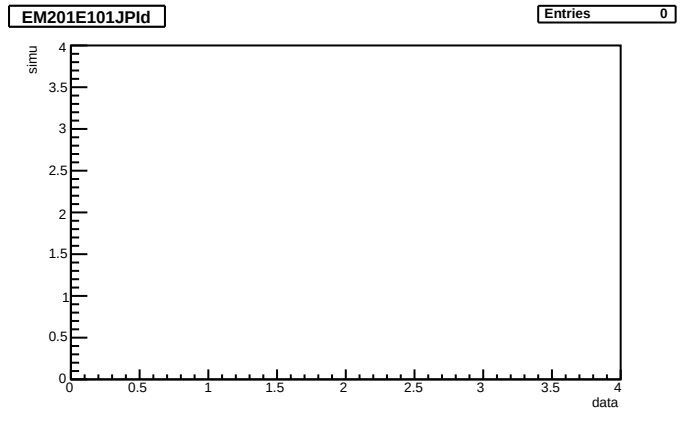

EM201E101JPThBits
Entries 5456671
JP th bits

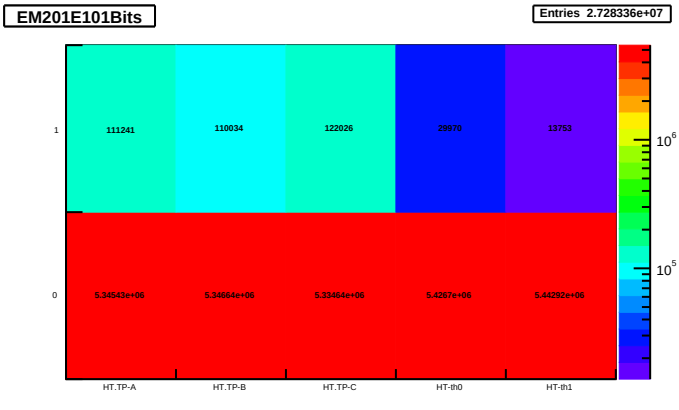

EM201E101JPThBits
Entries 0
simu
data

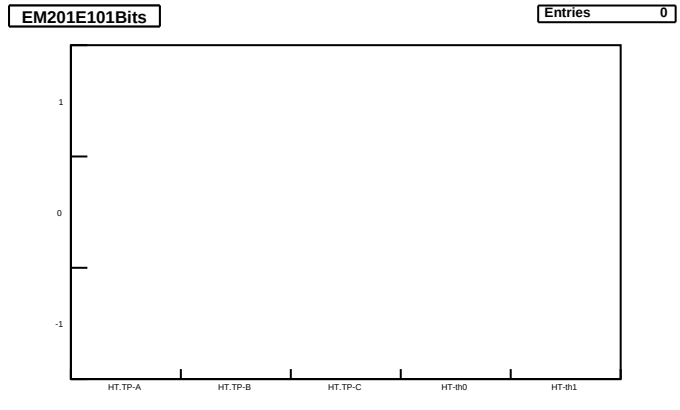

EM201E101JPSum
Entries 5456671
JP partial sum

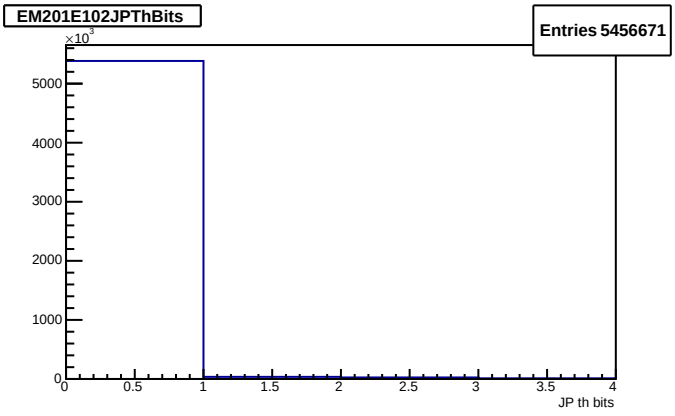

EM201E101JPSum
Entries 0
simu
data

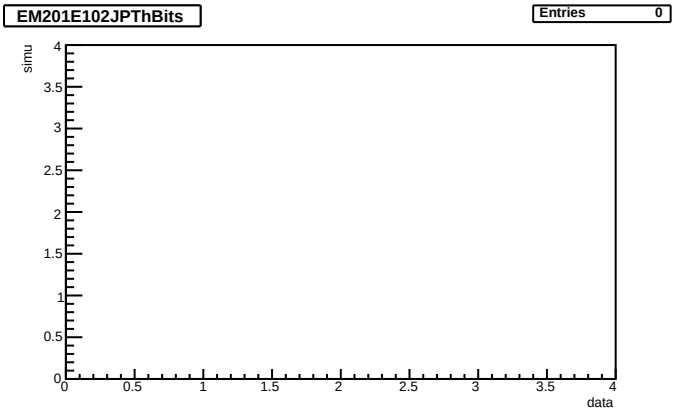

EM201E101JPId
Entries 5456671
JP partial Id

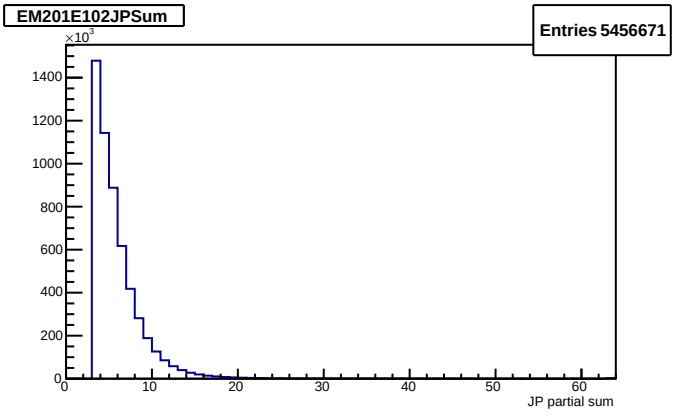

EM201E101JPId
Entries 0
simu
data

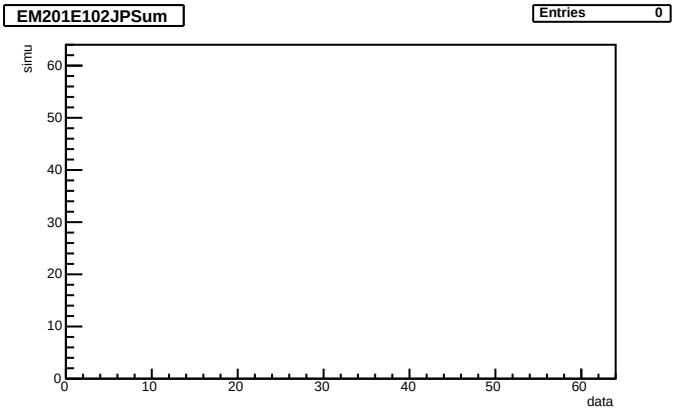

EM201E101Bits
Entries 2.728336e+07
111241
110034
122026
29970
13753
5.34543e+06
5.34664e+06
5.33464e+06
5.4267e+06
5.44292e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

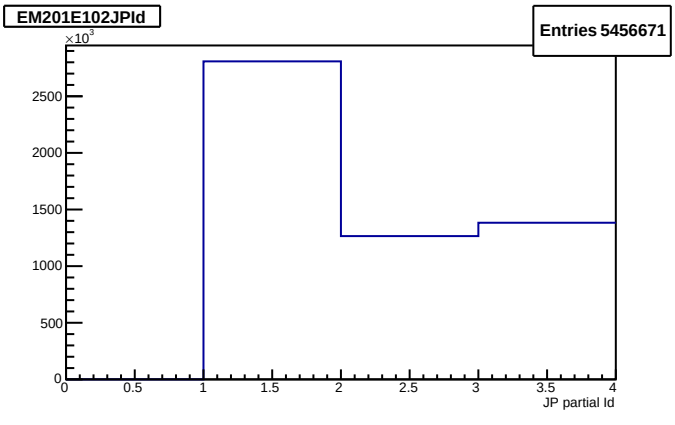

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

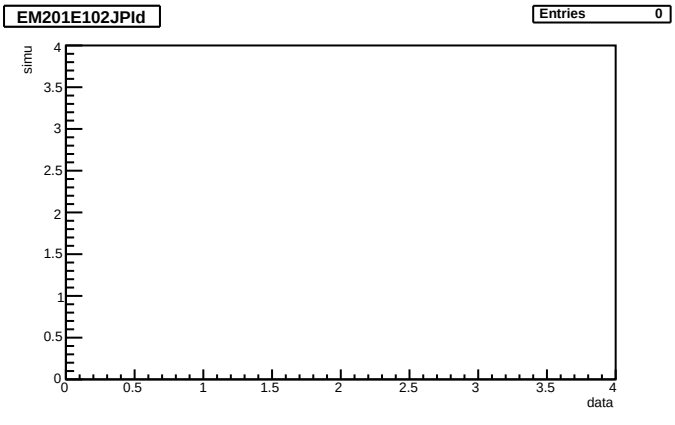

EM201E102JPThBits
Entries 5456671
×10^3
JP th bits

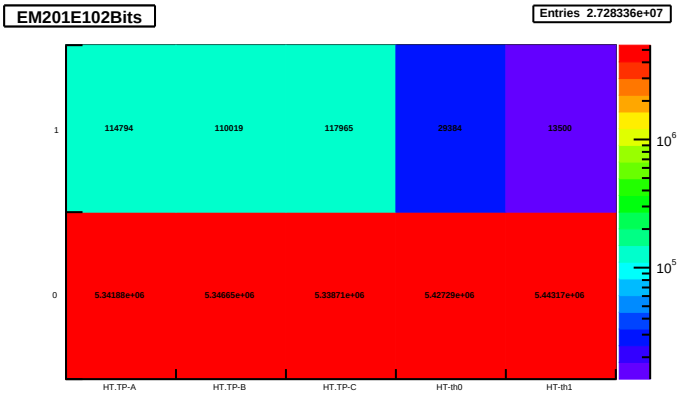

EM201E102JPThBits
Entries 0
simu
data

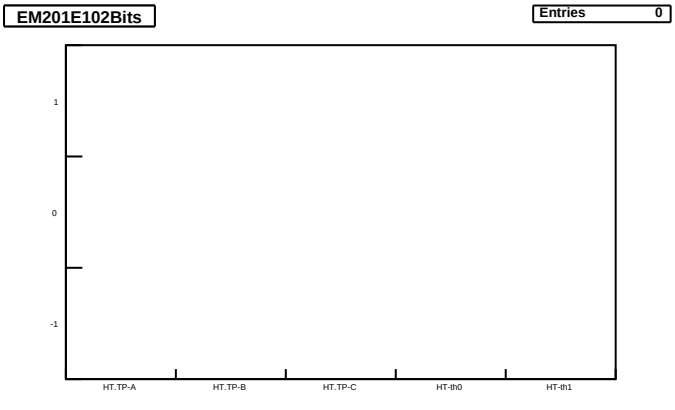

EM201E102JPSum
Entries 5456671
×10^3
JP partial sum

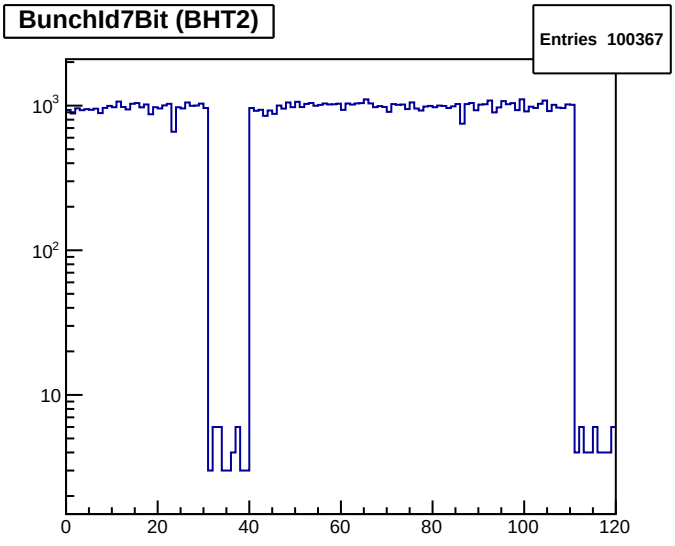

EM201E102JPSum
Entries 0
simu
data

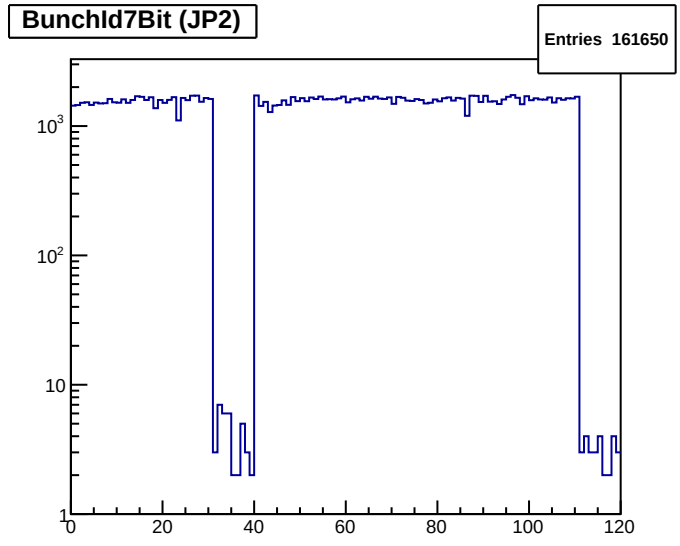

EM201E102JPId
Entries 5456671
×10^3
JP partial Id

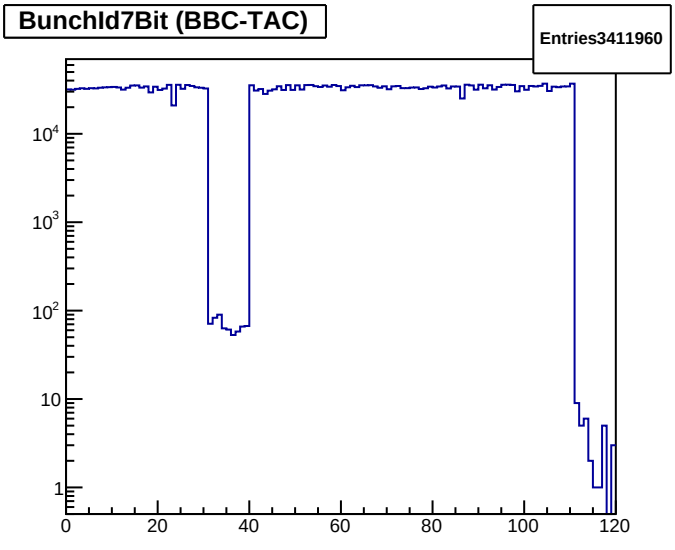

EM201E102JPId
Entries 0
simu
data

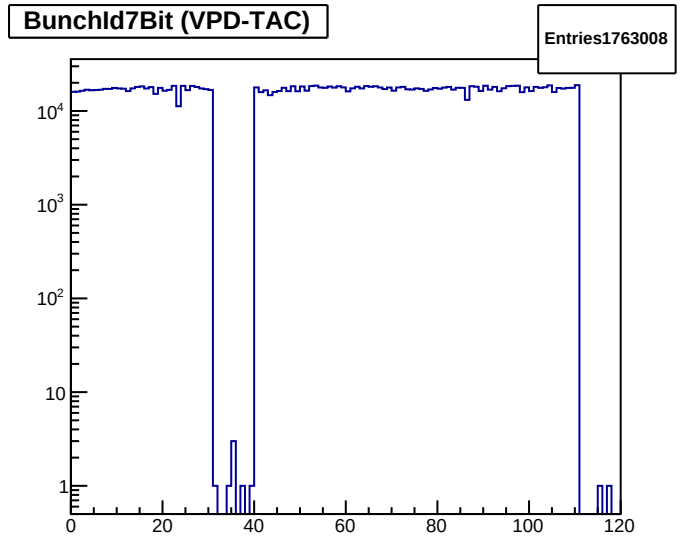

EM201E102Bits
Entries 2.728336e+07
114794
110019
117965
29384
13500
5.34188e+06
5.34665e+06
5.33871e+06
5.42729e+06
5.44317e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

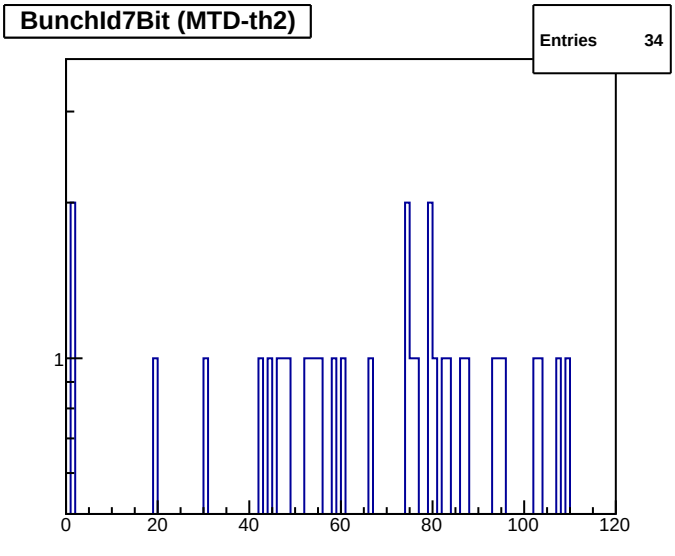

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

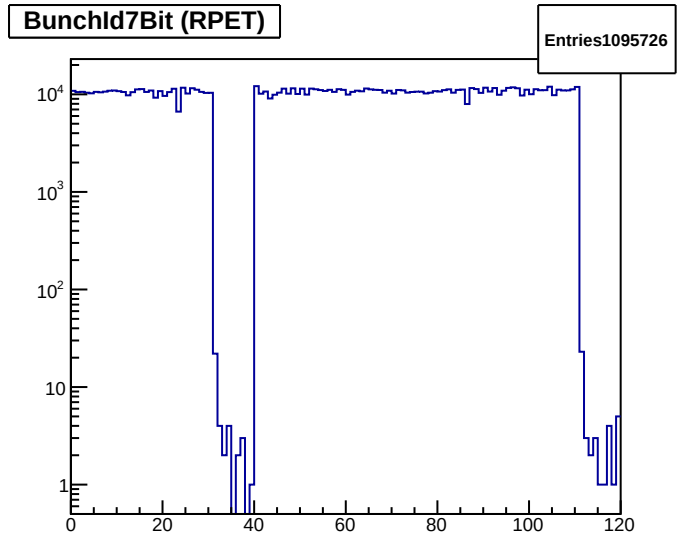

BunchId7Bit (BHT2)
Entries 100367

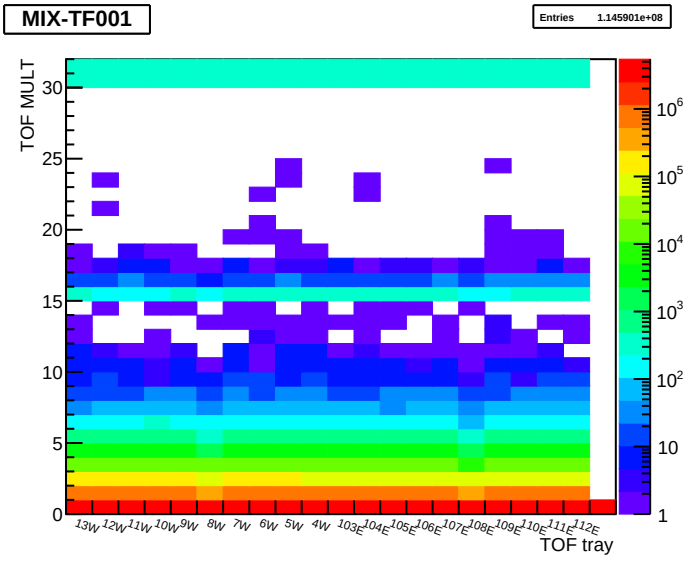

BunchId7Bit (JP2)
Entries 161650

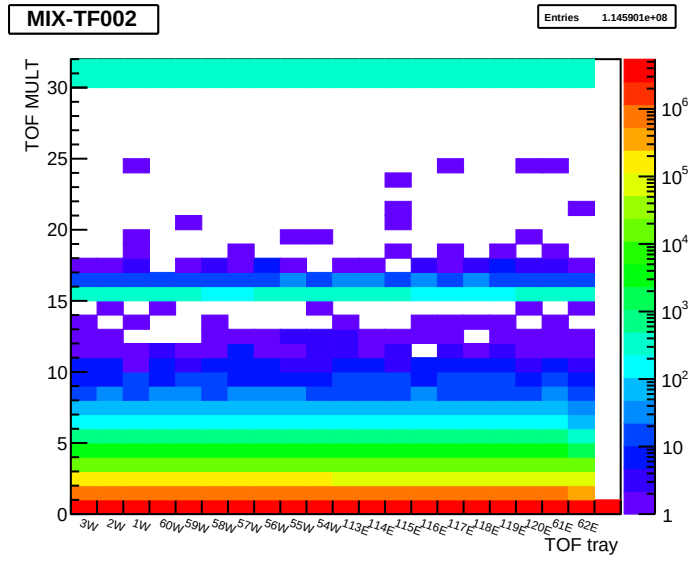

BunchId7Bit (BBC-TAC)
Entries3411960

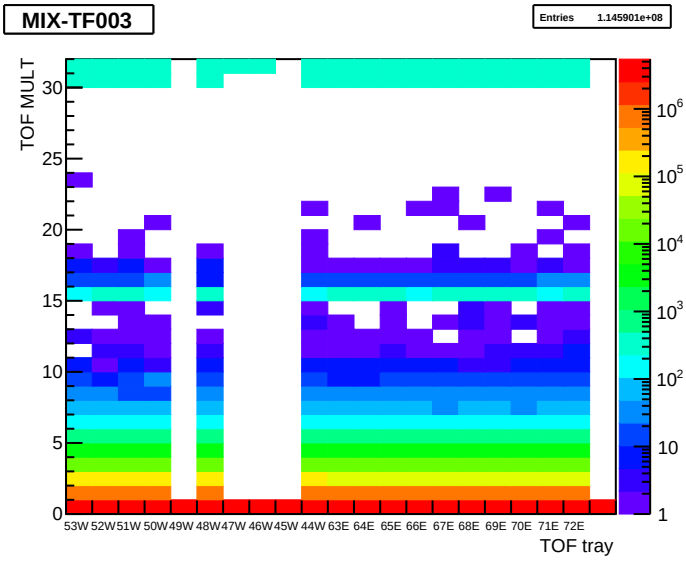

BunchId7Bit (VPD-TAC)
Entries1763008

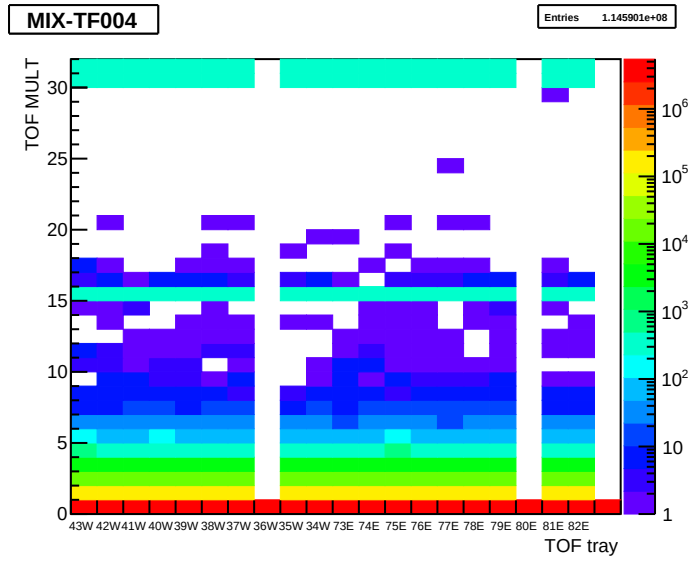

BunchId7Bit (MTD-th2)
Entries 34

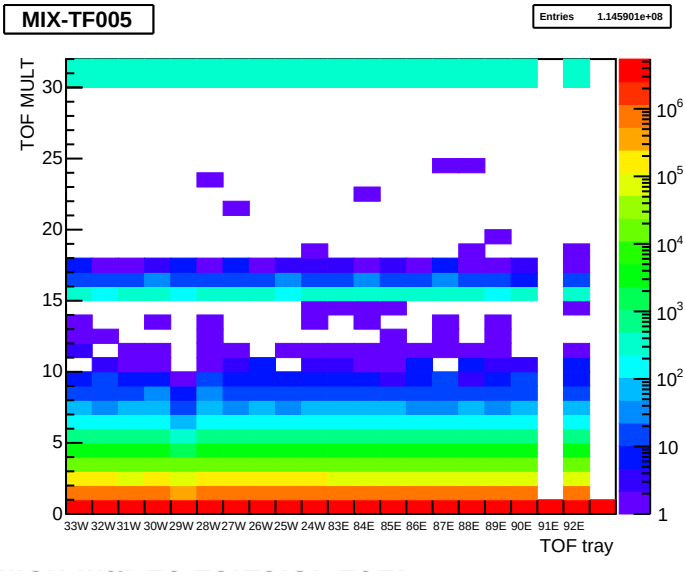

BunchId7Bit (RPET)
Entries1095726

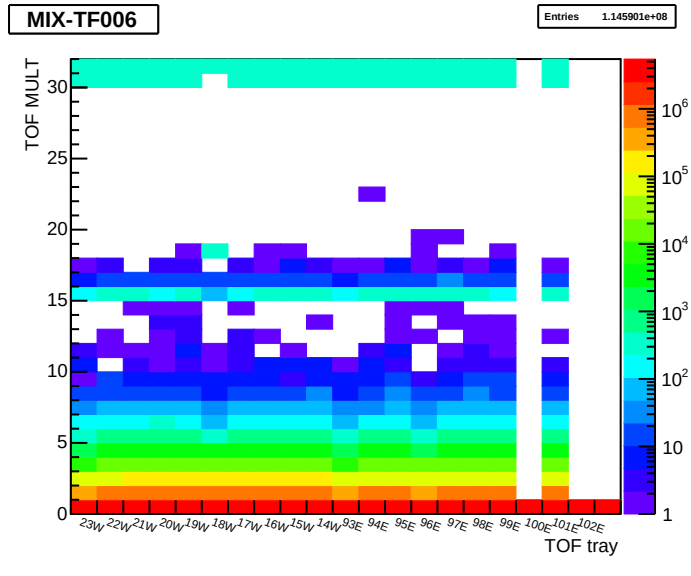

MIX-TF001
Entries 1.145901e+08
TOF MULT
TOF tray

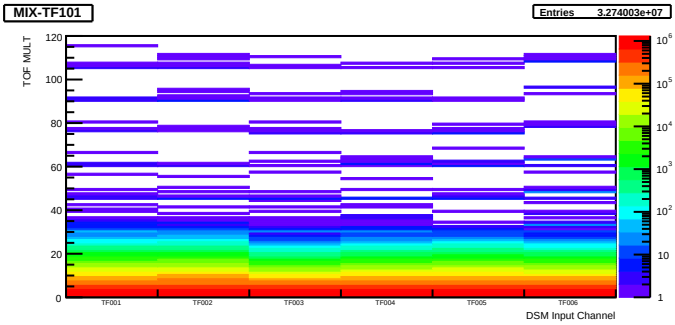

MIX-TF002
Entries 1.145901e+08
TOF MULT
TOF tray

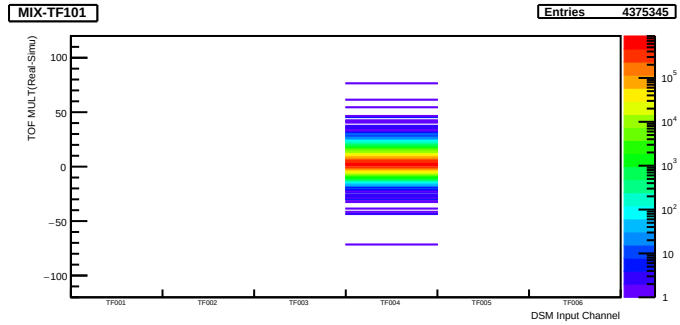

MIX-TF003
Entries 1.145901e+08
TOF MULT
TOF tray

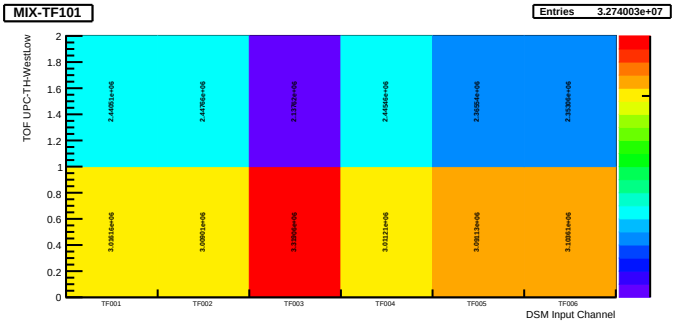

MIX-TF004
Entries 1.145901e+08
TOF MULT
TOF tray

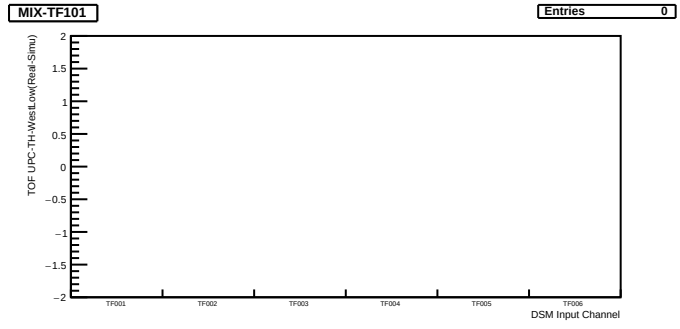

MIX-TF005
Entries 1.145901e+08
TOF MULT
TOF tray

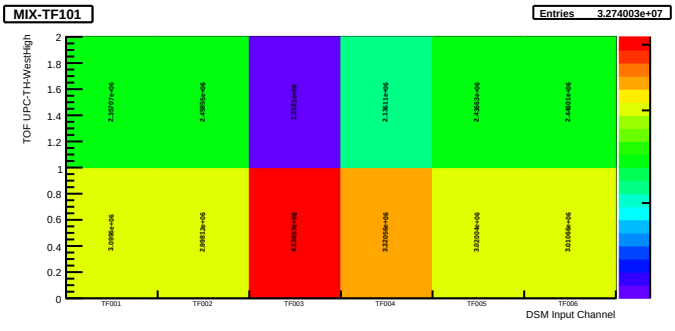

MIX-TF006
Entries 1.145901e+08
TOF MULT
TOF tray

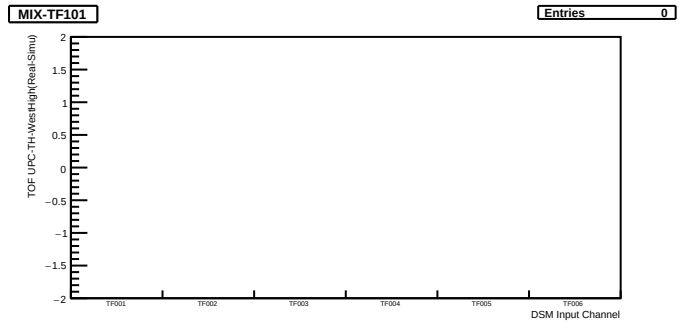

MIX-TF101
Entries 3.274003e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

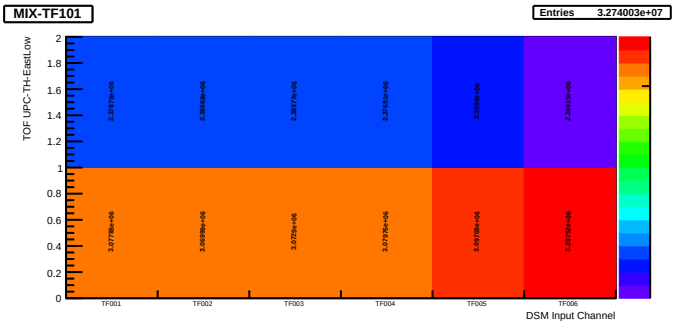

MIX-TF101
Entries 4375345
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

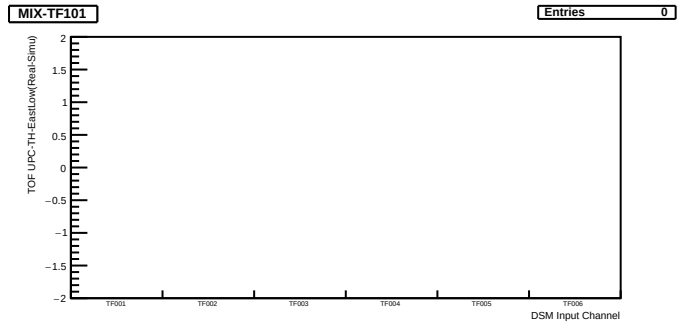

MIX-TF101
Entries 3.274003e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

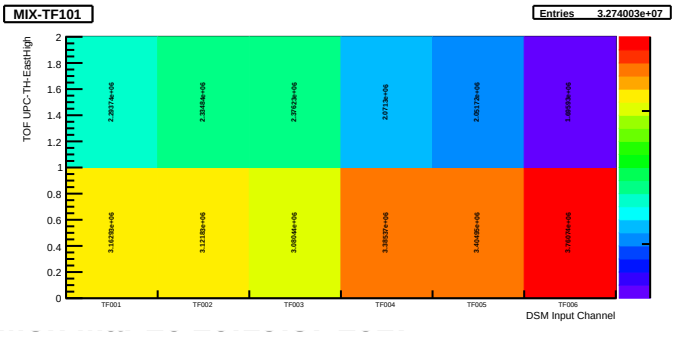

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

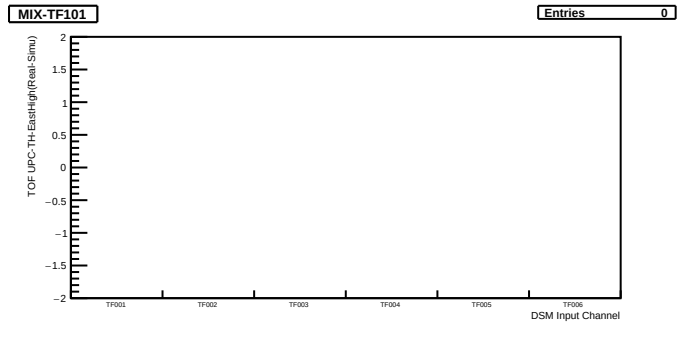

MIX-TF101
Entries 3.274003e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

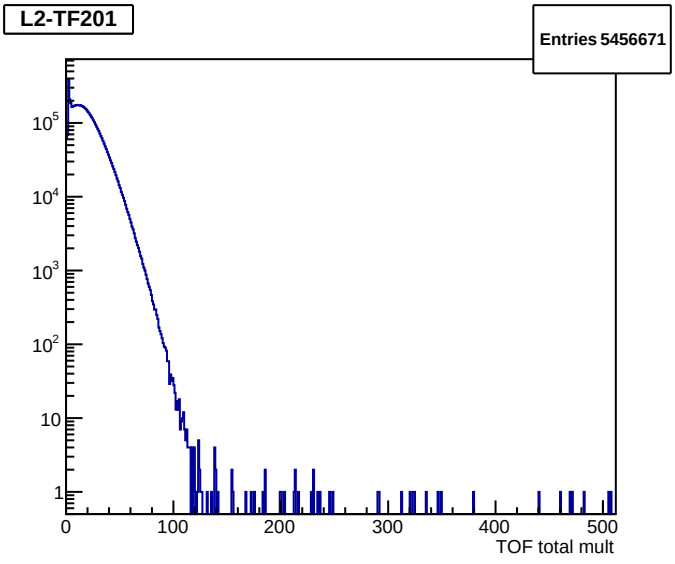

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

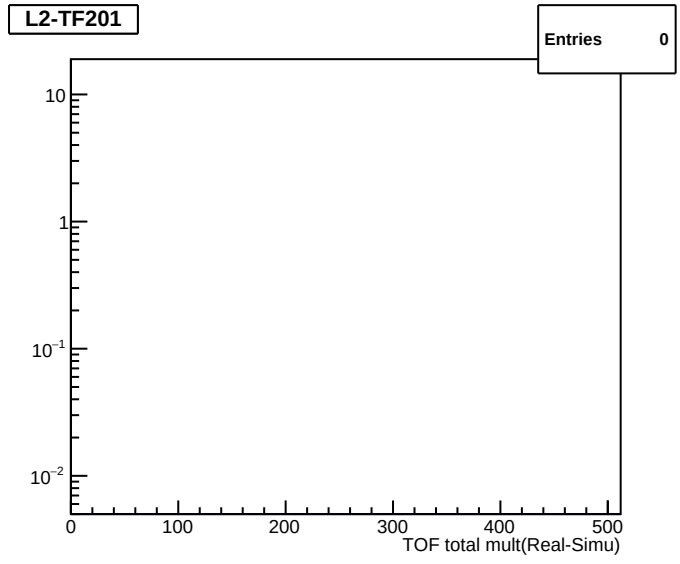

MIX-TF101
Entries 3.274003e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

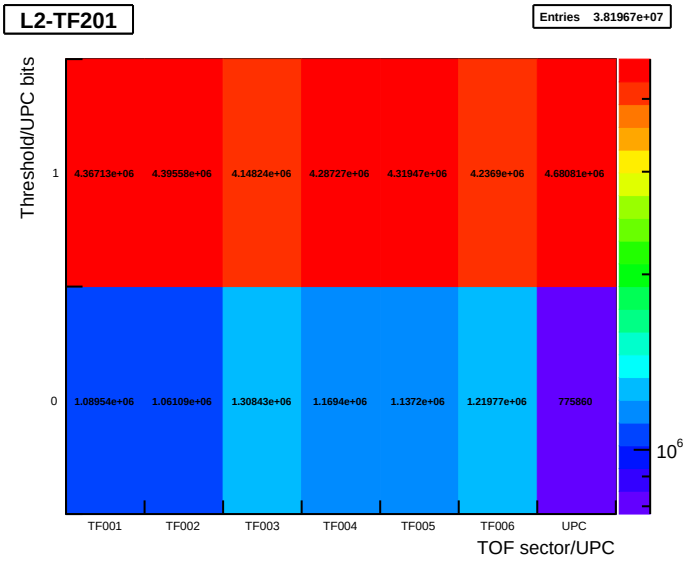

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

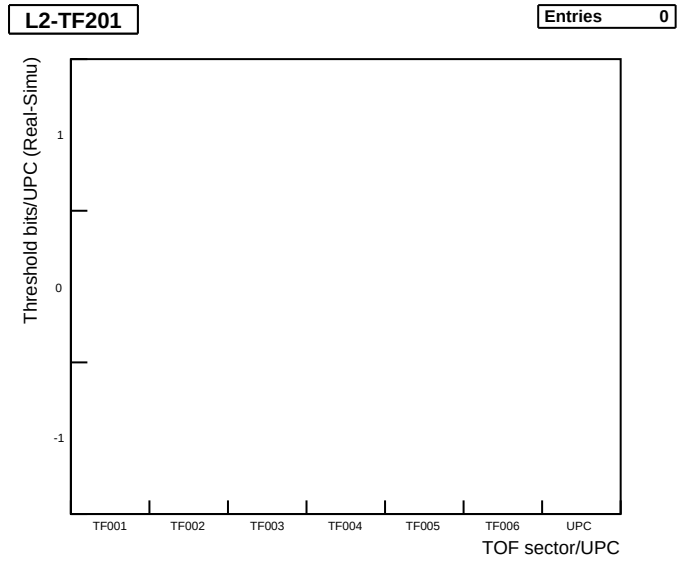

MIX-TF101
Entries 3.274003e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

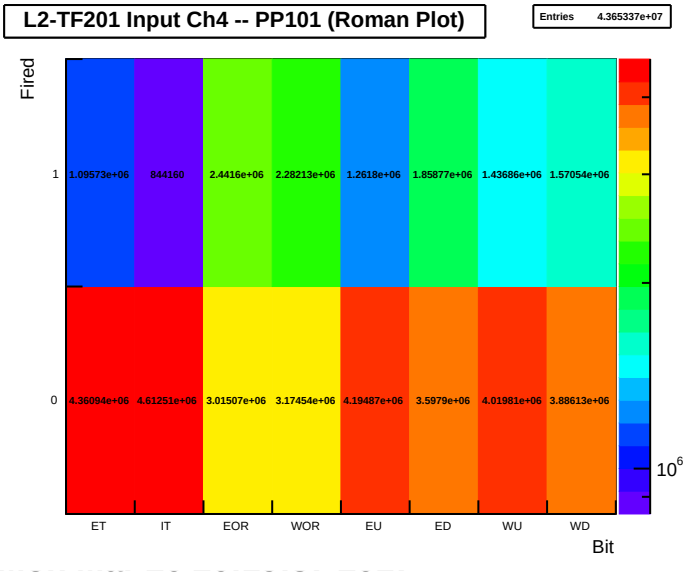

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

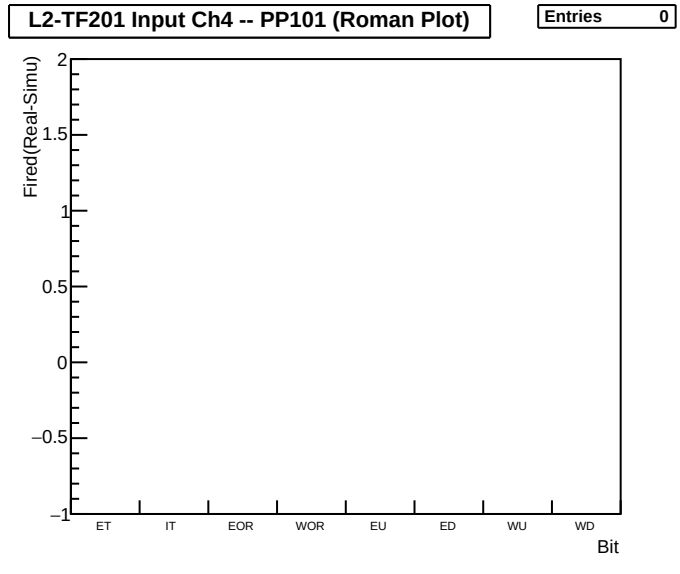

L2-TF201
Entries 5456671
TOF total mult

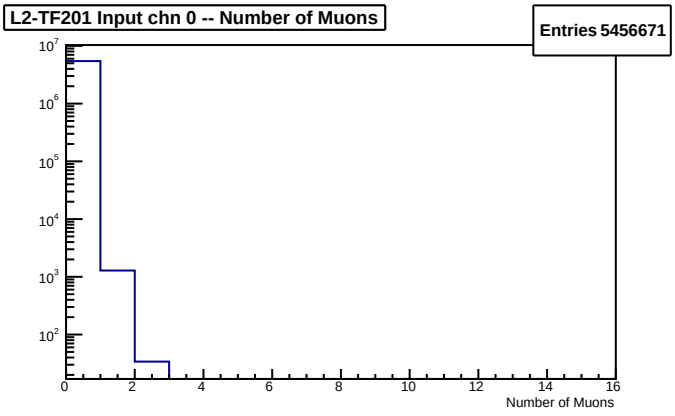

L2-TF201
Entries 0
TOF total mult(Real-Simu)

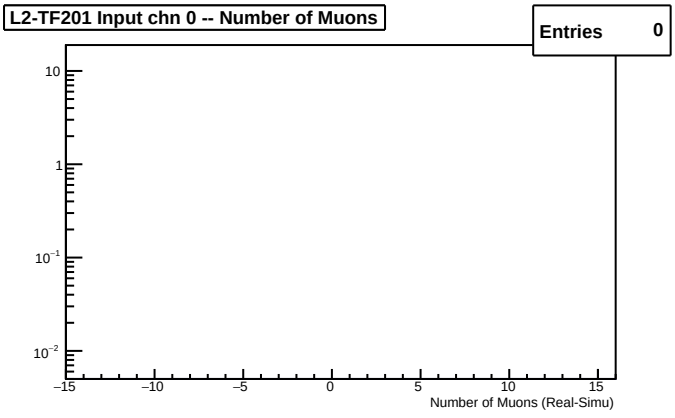

L2-TF201
Entries 3.81967e+07
Threshold/UPC bits
4.36713e+06
4.39558e+06
4.14824e+06
4.28727e+06
4.31947e+06
4.2369e+06
4.68081e+06
1.08954e+06
1.06109e+06
1.30843e+06
1.1694e+06
1.1372e+06
1.21977e+06
775860
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

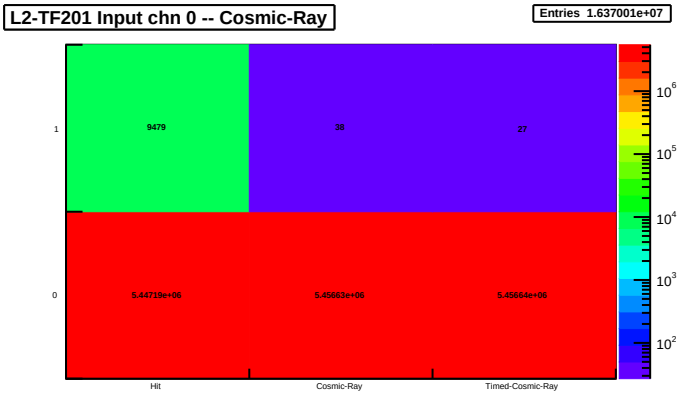

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

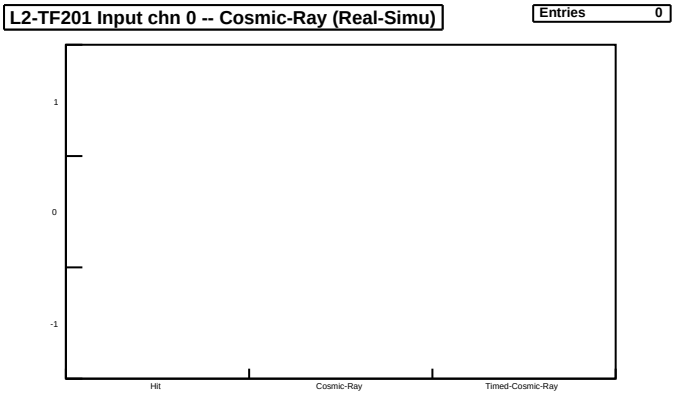

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.365337e+07
Fired
1.09573e+06
844160
2.4416e+06
2.28213e+06
1.2618e+06
1.85877e+06
1.43686e+06
1.57054e+06
4.36094e+06
4.61251e+06
3.01507e+06
3.17454e+06
4.19487e+06
3.5979e+06
4.01981e+06
3.88613e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

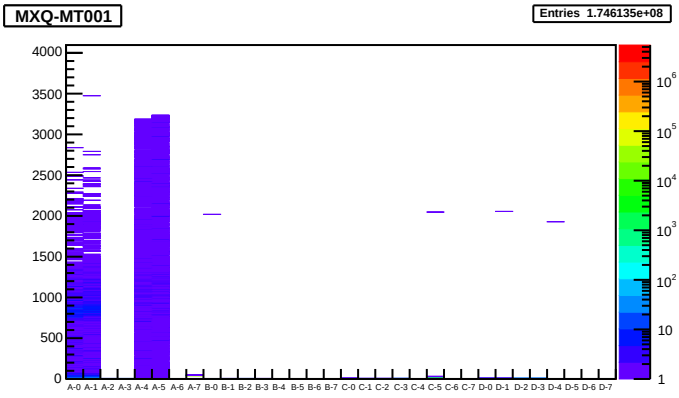

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

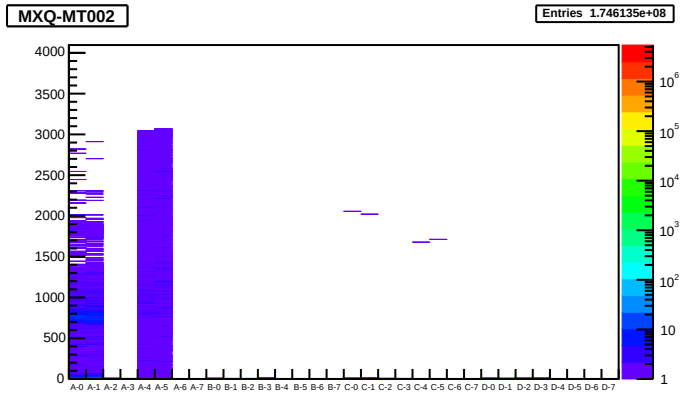

L2-TF201 Input chn 0 -- Number of Muons
Entries 5456671
Number of Muons

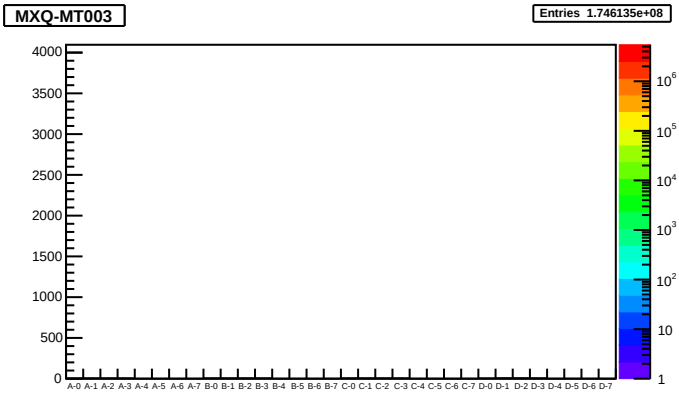

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

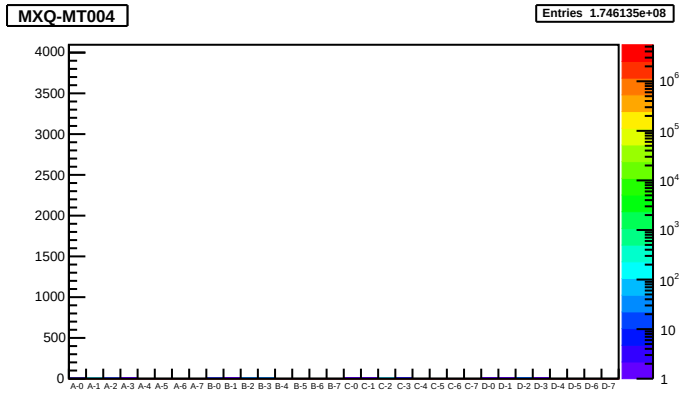

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.637001e+07
9479
38
27
5.44719e+06
5.45663e+06
5.45664e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

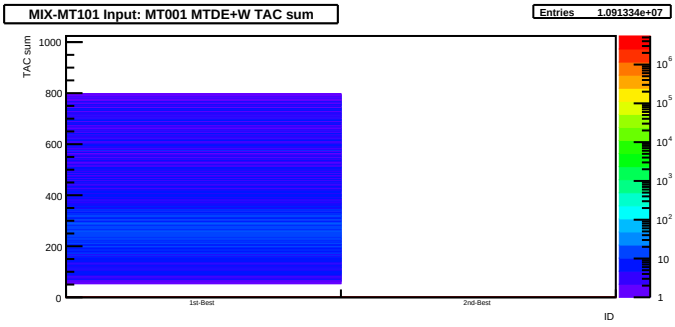

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

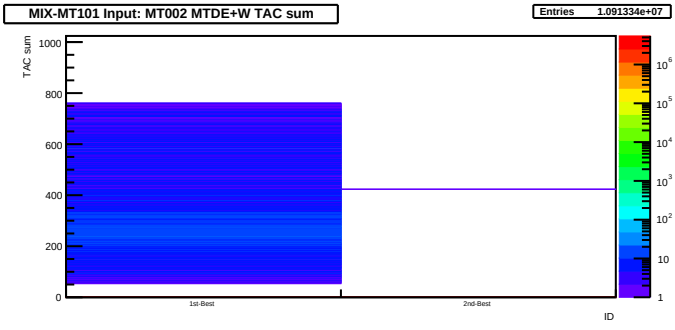

MXQ-MT001
Entries 1.746135e+08

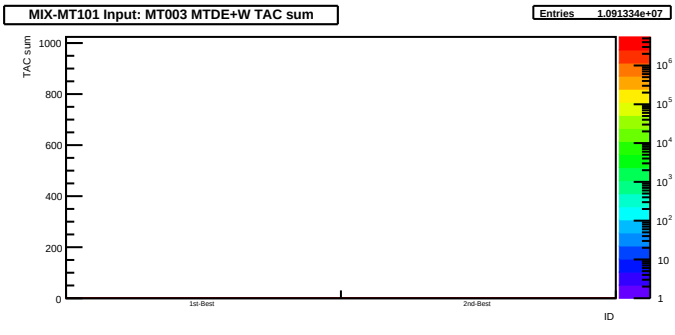

MXQ-MT002
Entries 1.746135e+08

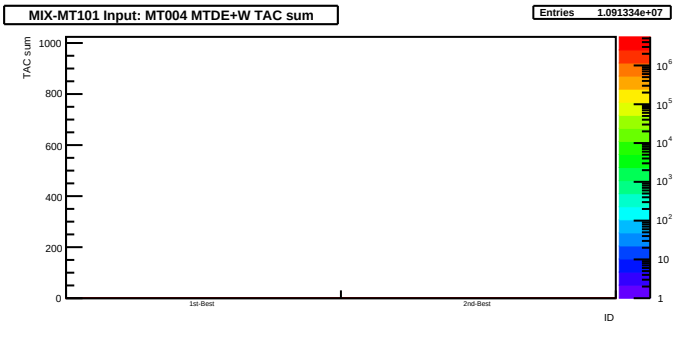

MXQ-MT003
Entries 1.746135e+08

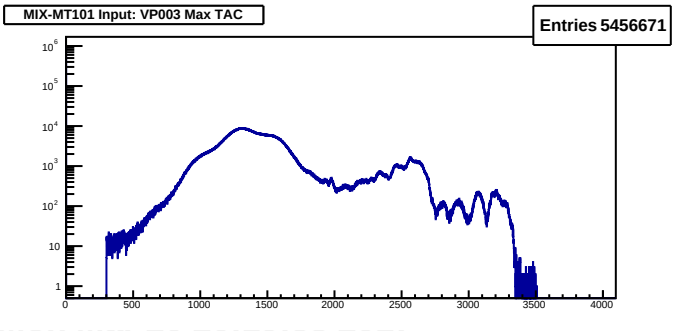

MXQ-MT004
Entries 1.746135e+08

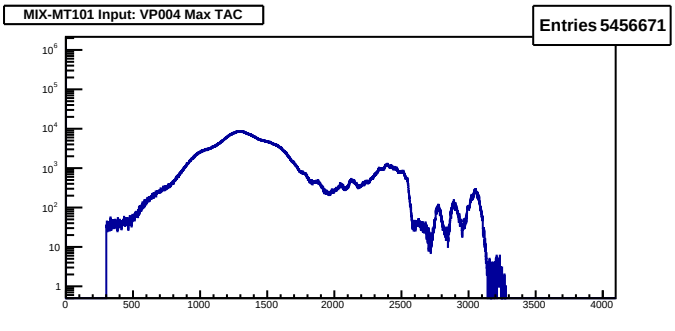

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.091334e+07
TAC sum
1st-Best
2nd-Best
ID

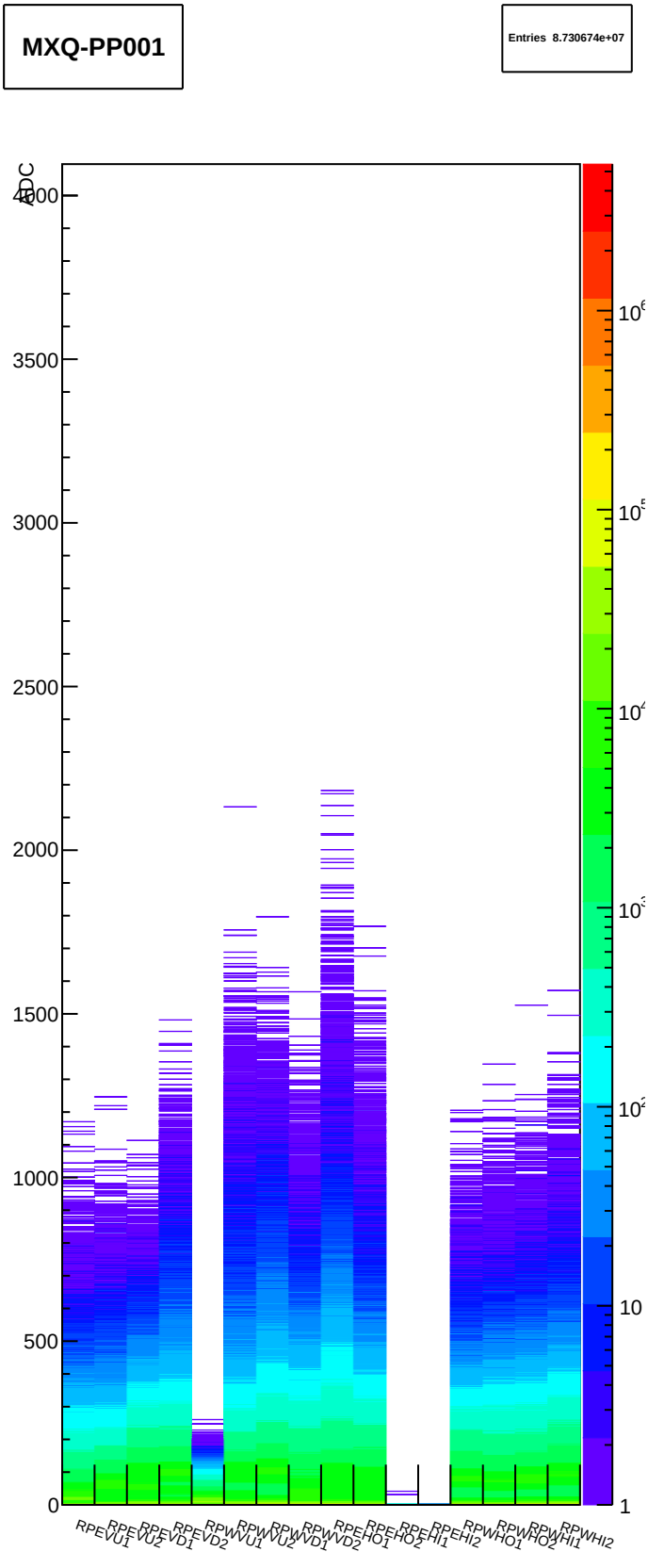

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.091334e+07
TAC sum
1st-Best
2nd-Best
ID

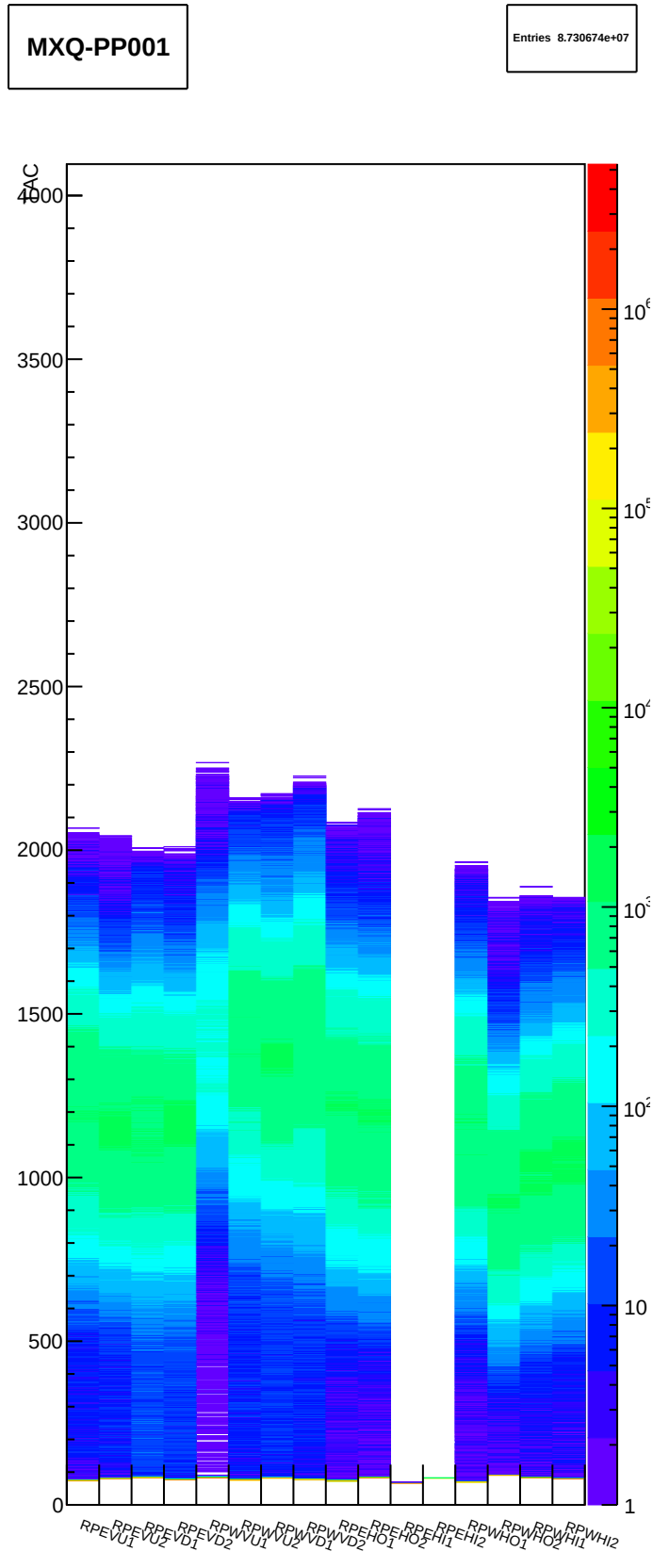

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.091334e+07
TAC sum
1st-Best
2nd-Best
ID

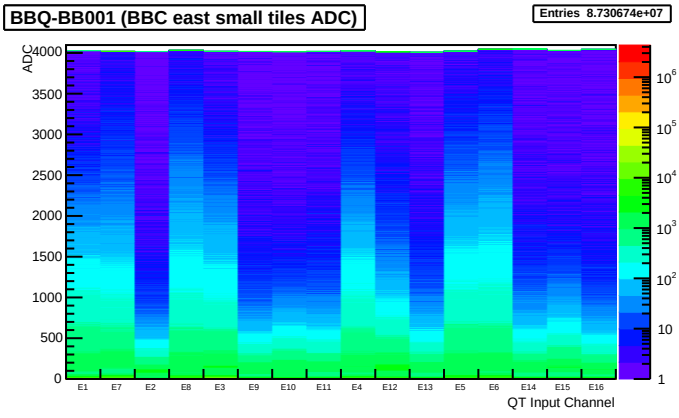

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.091334e+07
TAC sum
1st-Best
2nd-Best
ID

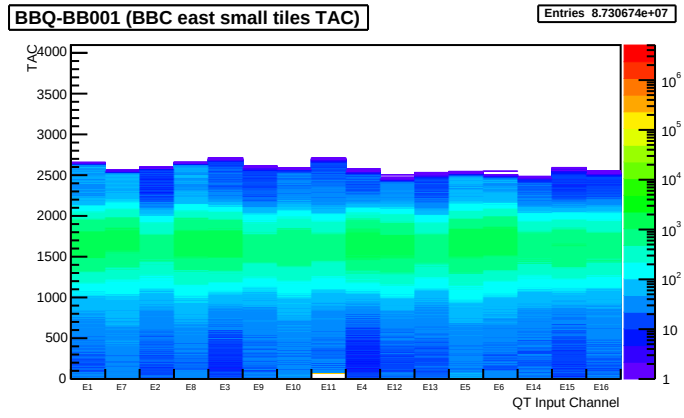

MIX-MT101 Input: VP003 Max TAC
Entries 5456671

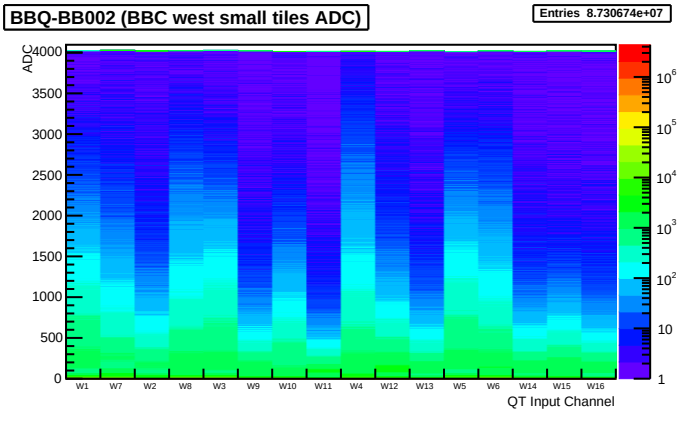

MIX-MT101 Input: VP004 Max TAC
Entries 5456671

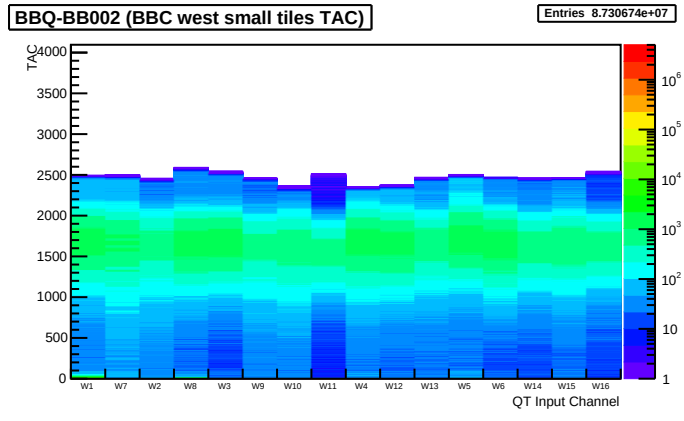

MXQ-PP001
Entries 8.730674e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

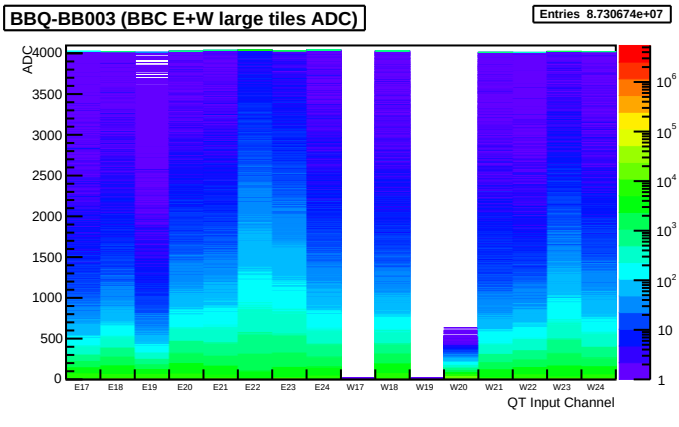

MXQ-PP001
Entries 8.730674e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

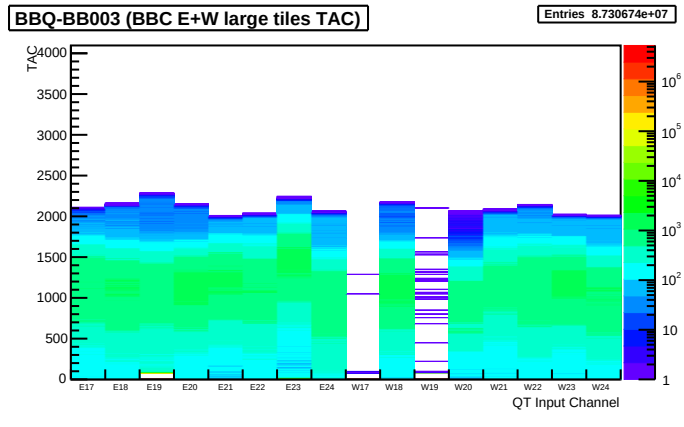

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.730674e+07
ADC
QT Input Channel

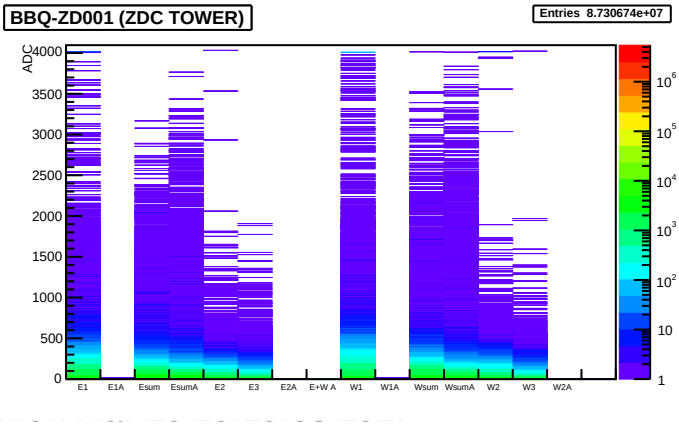

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.730674e+07
TAC
QT Input Channel

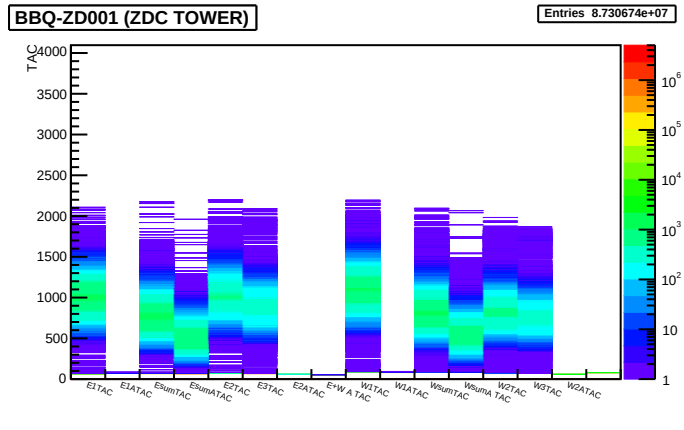

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.730674e+07
ADC
QT Input Channel

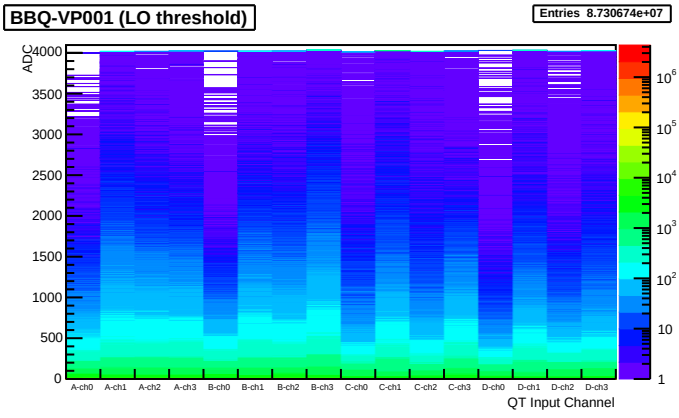

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.730674e+07
TAC
QT Input Channel

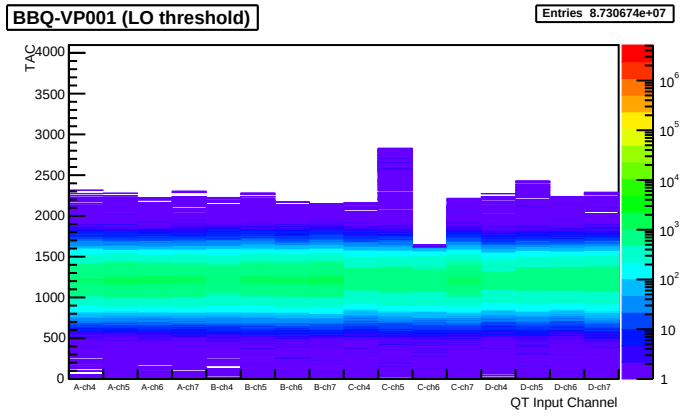

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.730674e+07
ADC
QT Input Channel

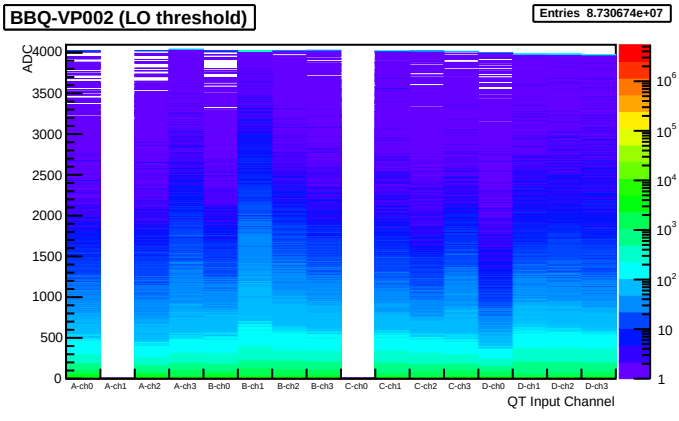

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.730674e+07
TAC
QT Input Channel

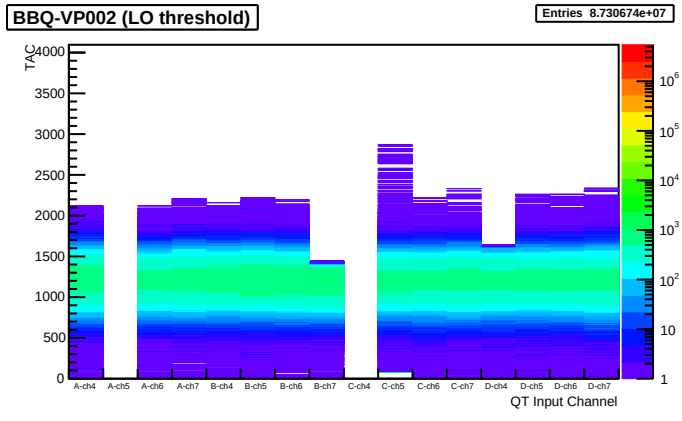

BBQ-ZD001 (ZDC TOWER)
Entries 8.730674e+07
ADC

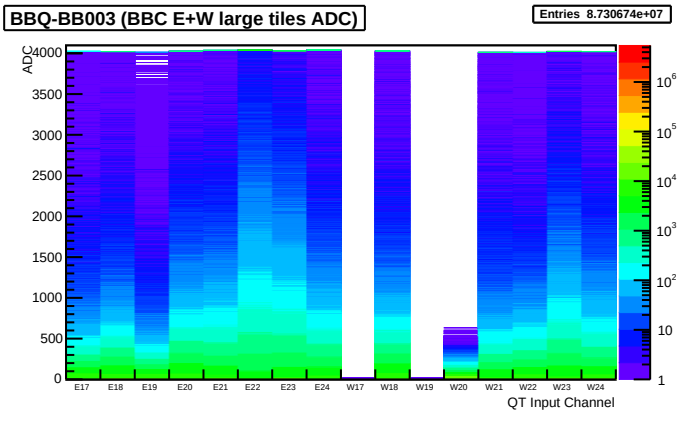

BBQ-ZD001 (ZDC TOWER)
Entries 8.730674e+07
TAC

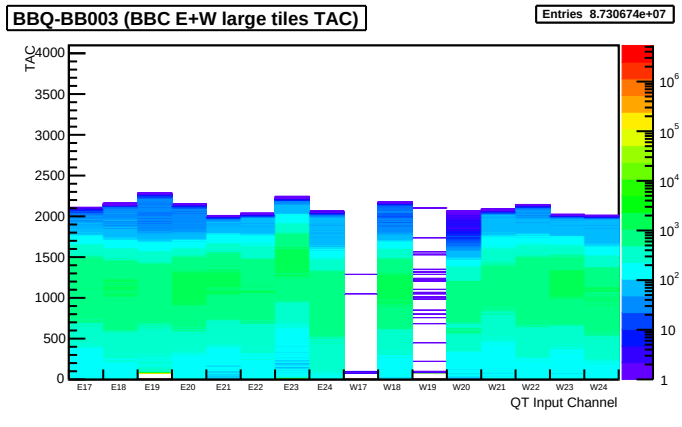

BBQ-VP001 (LO threshold)
Entries 8.730674e+07
ADC
QT Input Channel

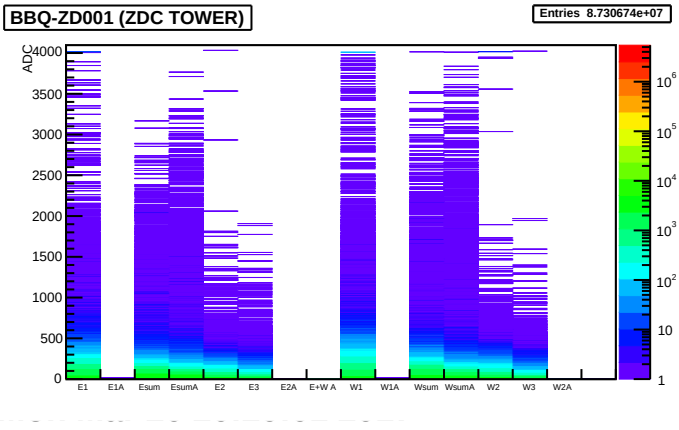

BBQ-VP001 (LO threshold)
Entries 8.730674e+07
TAC
QT Input Channel

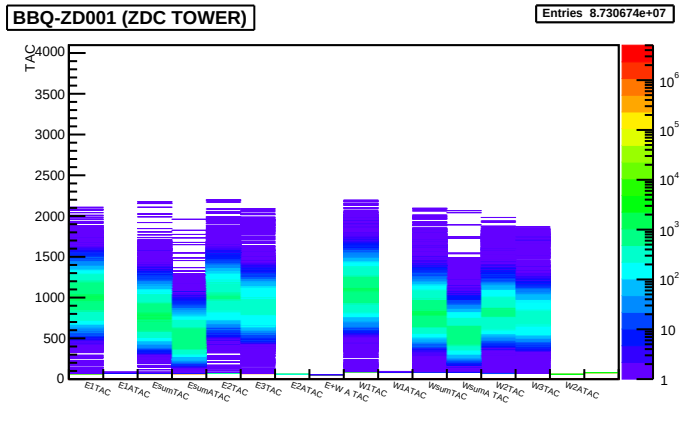

BBQ-VP002 (LO threshold)
Entries 8.730674e+07
ADC
QT Input Channel

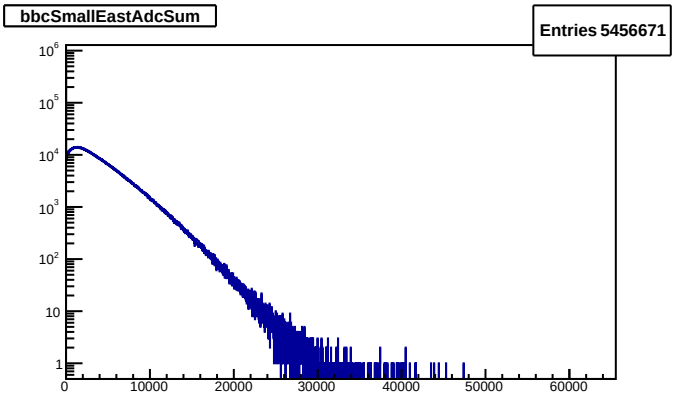

BBQ-VP002 (LO threshold)
Entries 8.730674e+07
TAC
QT Input Channel

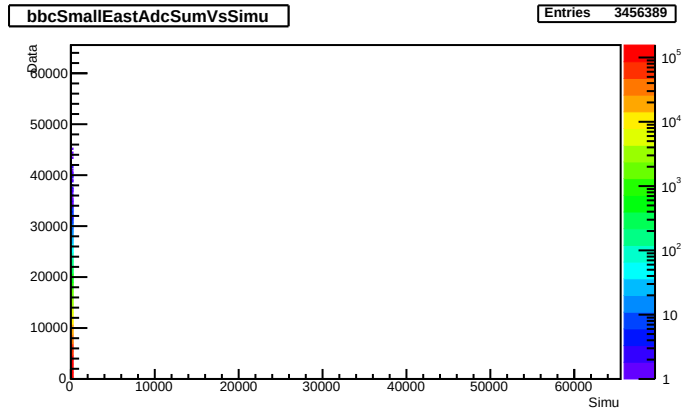

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.730674e+07
ADC
QT Input Channel

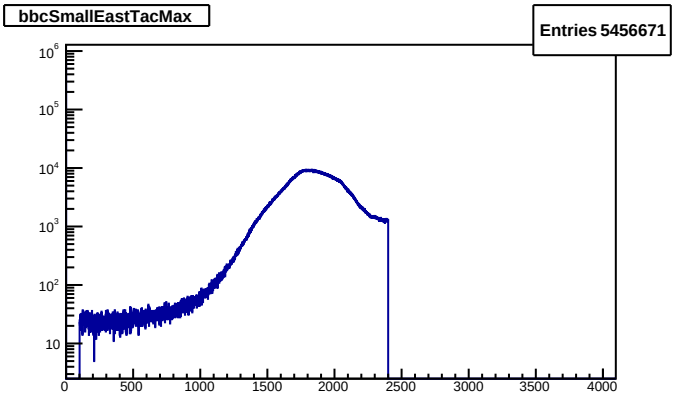

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.730674e+07
TAC
QT Input Channel

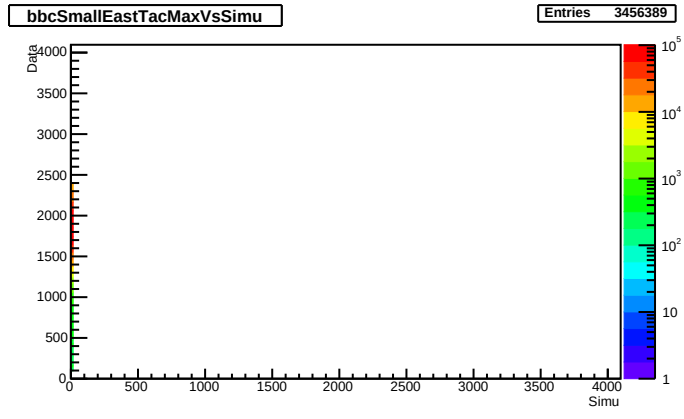

BBQ-ZD001 (ZDC TOWER)
Entries 8.730674e+07
ADC

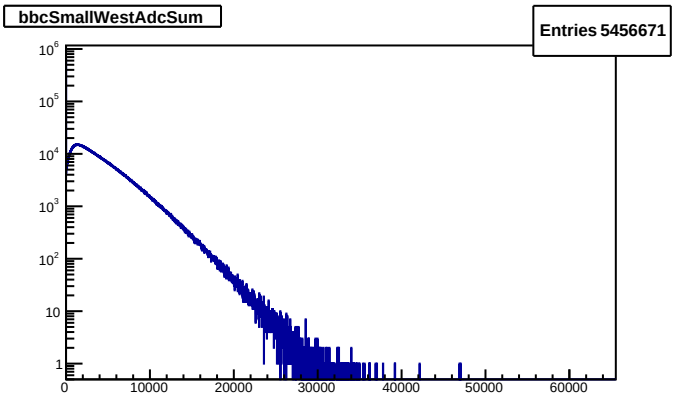

BBQ-ZD001 (ZDC TOWER)
Entries 8.730674e+07
TAC

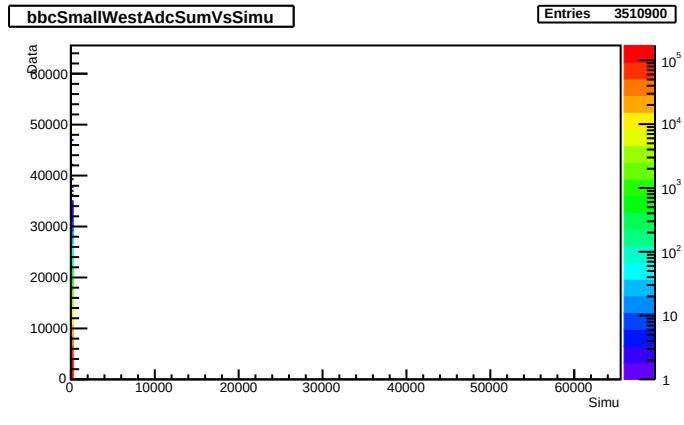

bbcSmallEastAdcSum
Entries 5456671

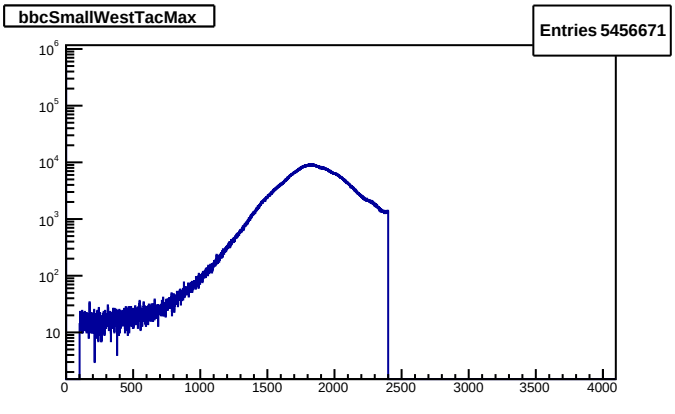

bbcSmallEastAdcSumVsSimu
Entries 3456389
Data
Simu

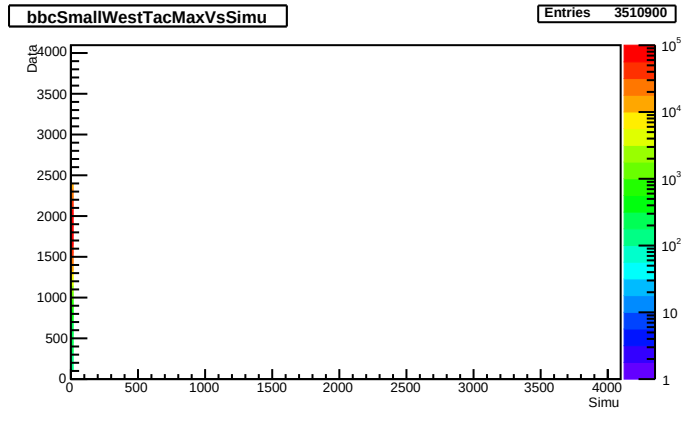

bbcSmallEastTacMax
Entries 5456671

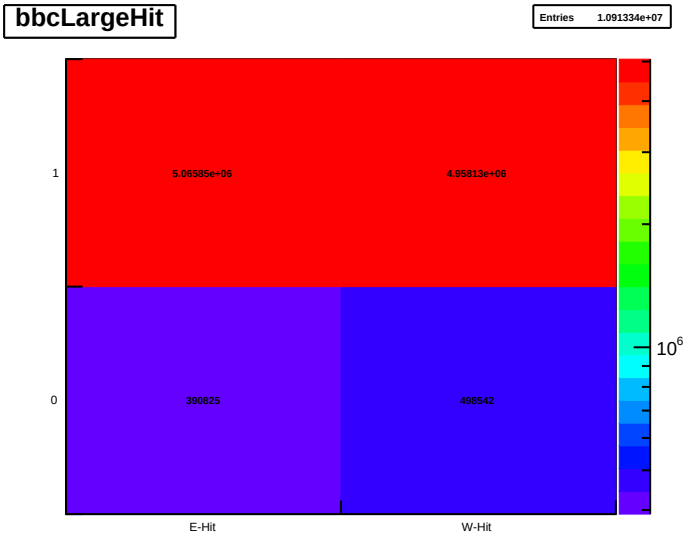

bbcSmallEastTacMaxVsSimu
Entries 3456389
Data
Simu

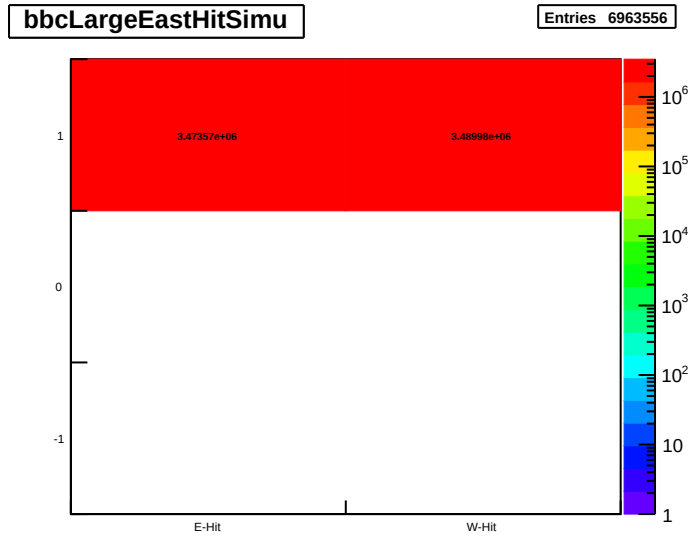

bbcSmallWestAdcSum
Entries 5456671

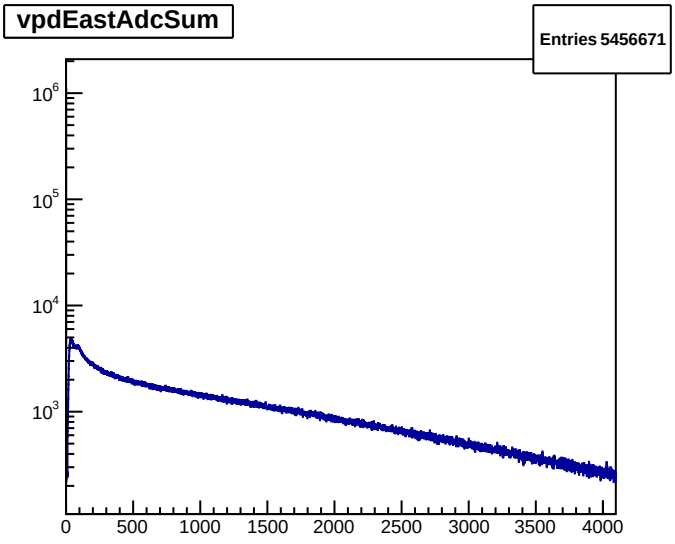

bbcSmallWestAdcSumVsSimu
Entries 3510900
Data
Simu

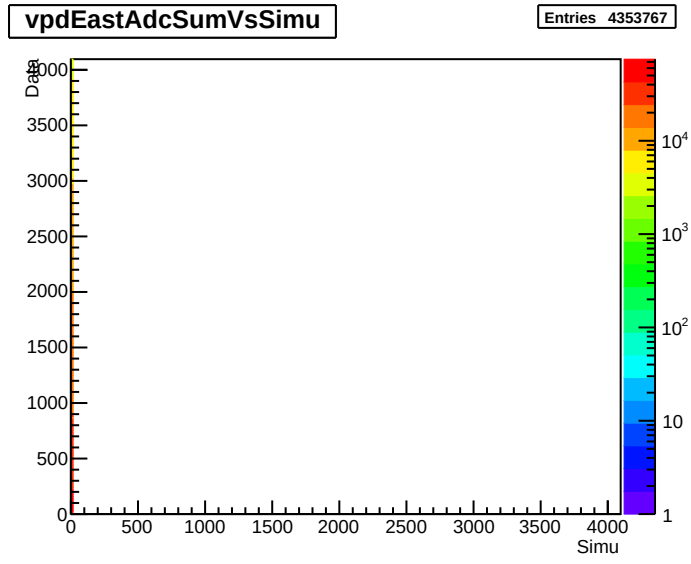

bbcSmallWestTacMax
Entries 5456671

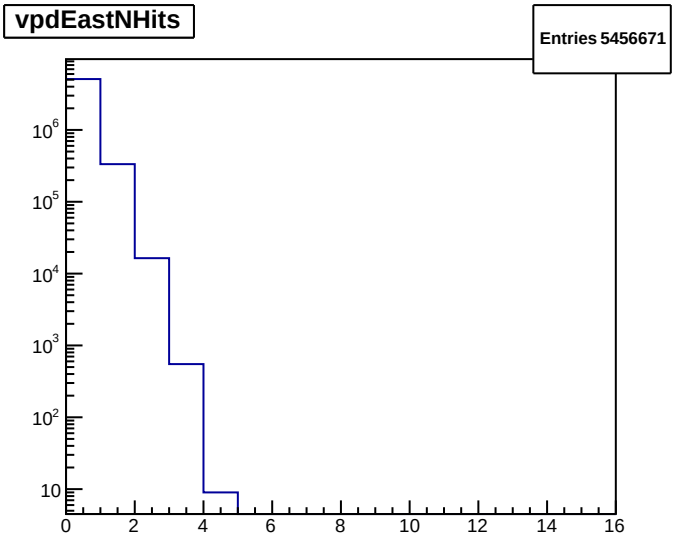

bbcSmallWestTacMaxVsSimu
Entries 3510900
Data
Simu

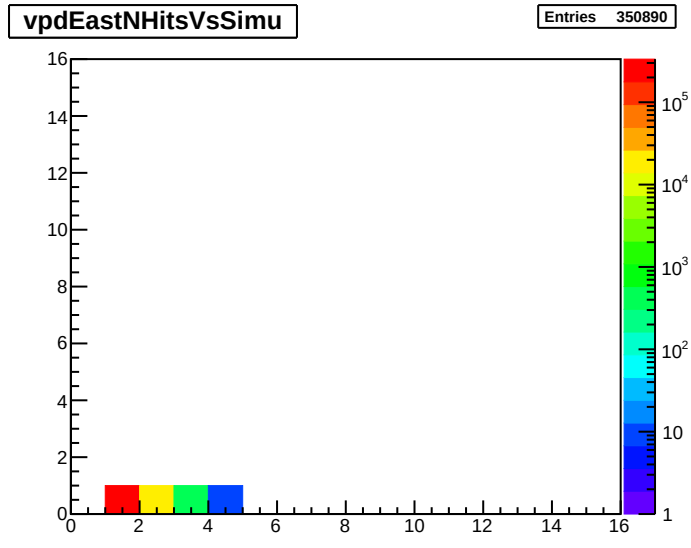

bbcLargeHit
Entries 1.091334e+07
1
0
5.06585e+06
4.95813e+06
390825
498542
E-Hit
W-Hit
10^6

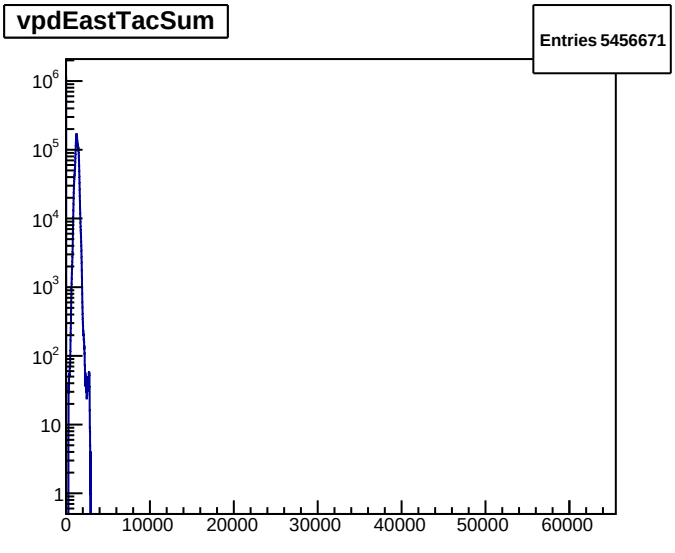

bbcLargeEastHitSimu
Entries 6963556
1
0
-1
3.47357e+06
3.48998e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

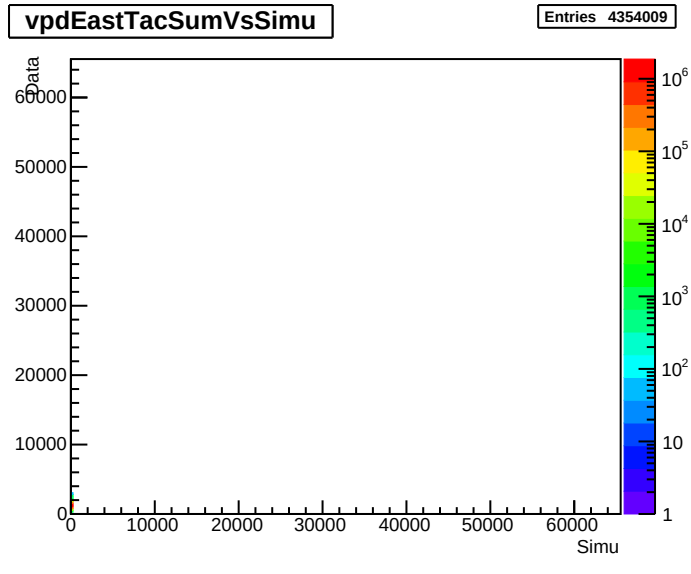

vpdEastAdcSum
Entries 5456671

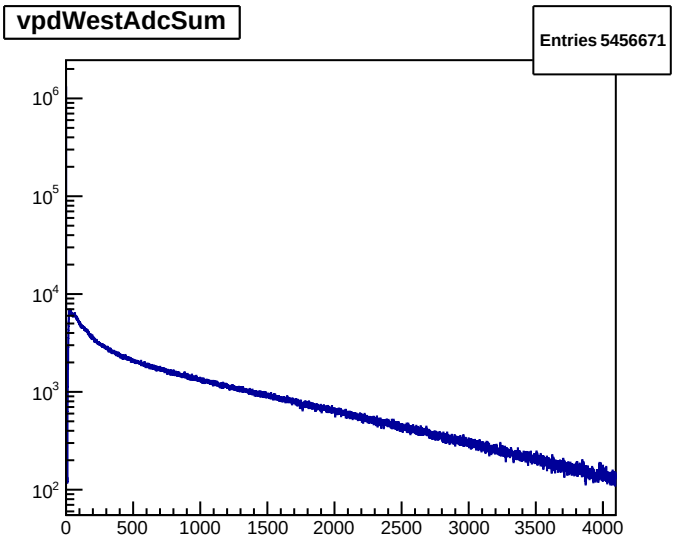

vpdEastAdcSumVsSimu
Entries 4353767
Data
Simu

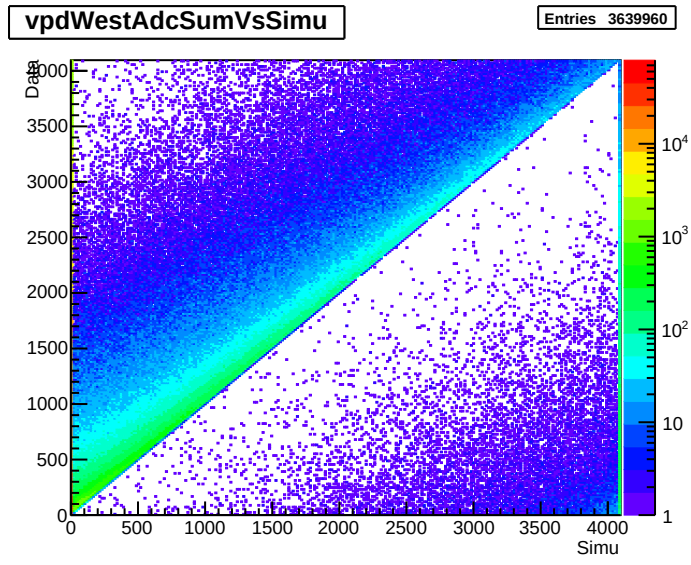

vpdEastNHits
Entries 5456671

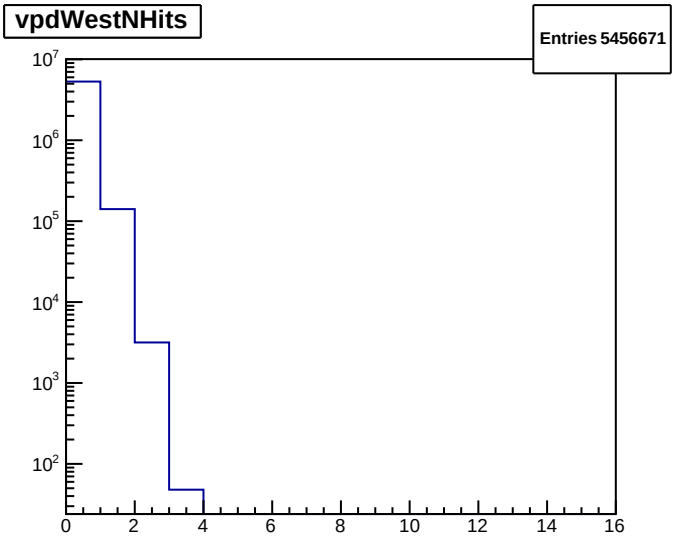

vpdEastNHitsVsSimu
Entries 350890

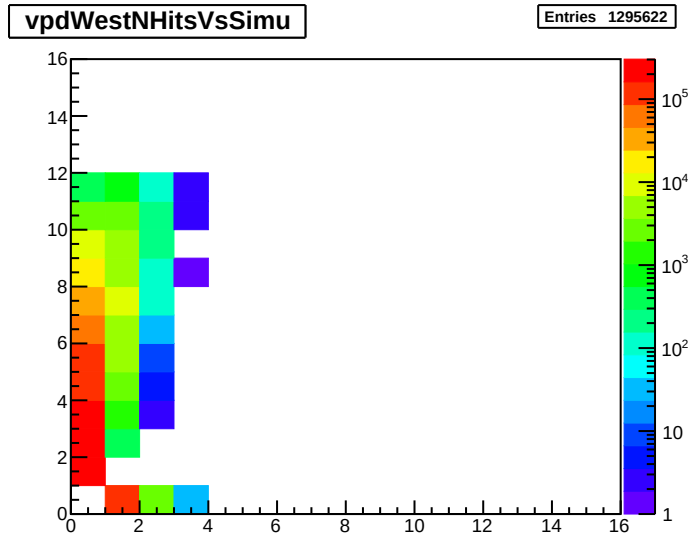

vpdEastTacSum
Entries 5456671

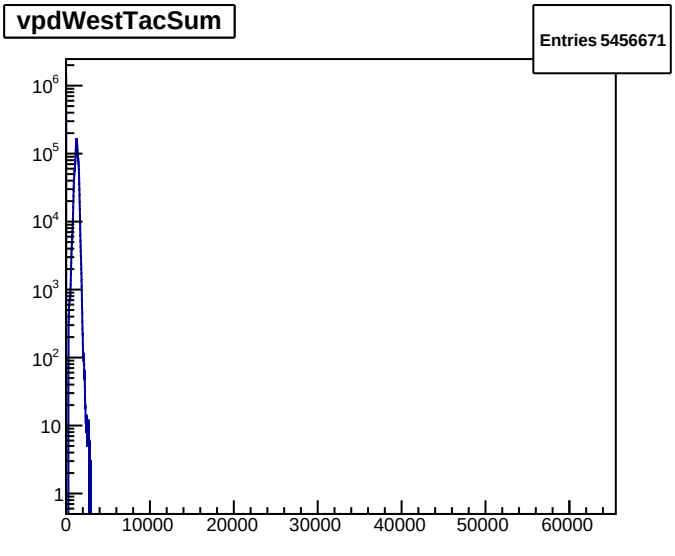

vpdEastTacSumVsSimu
Entries 4354009
Data
Simu

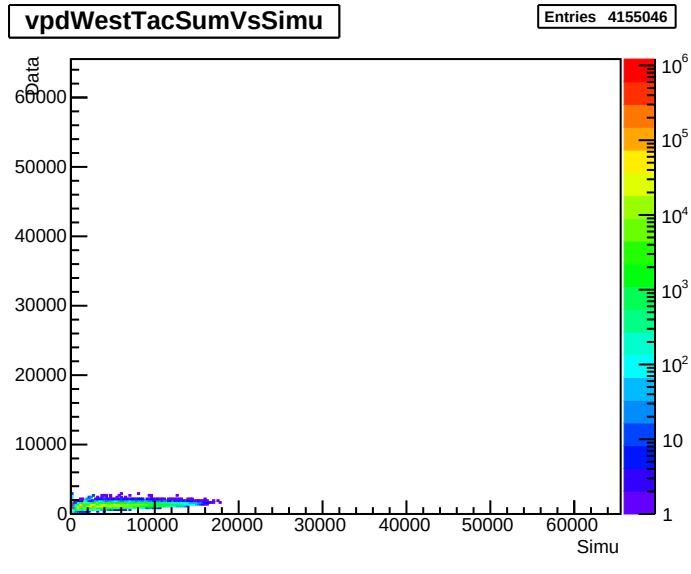

vpdWestAdcSum
Entries 5456671

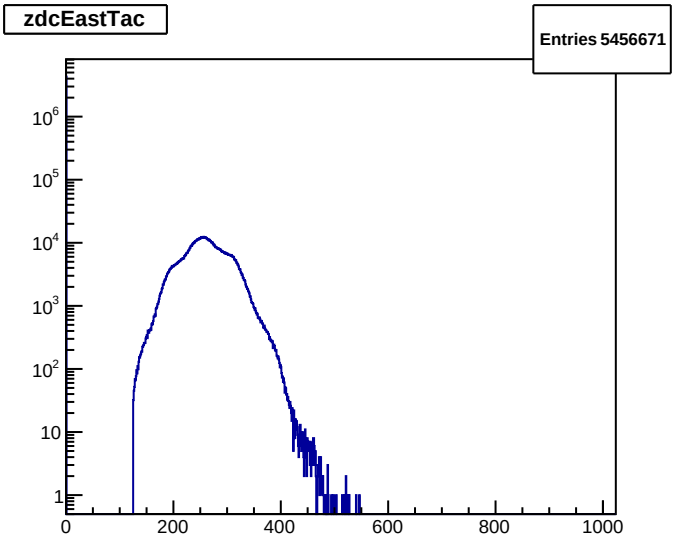

vpdWestAdcSumVsSimu
Entries 3639960
Data
Simu

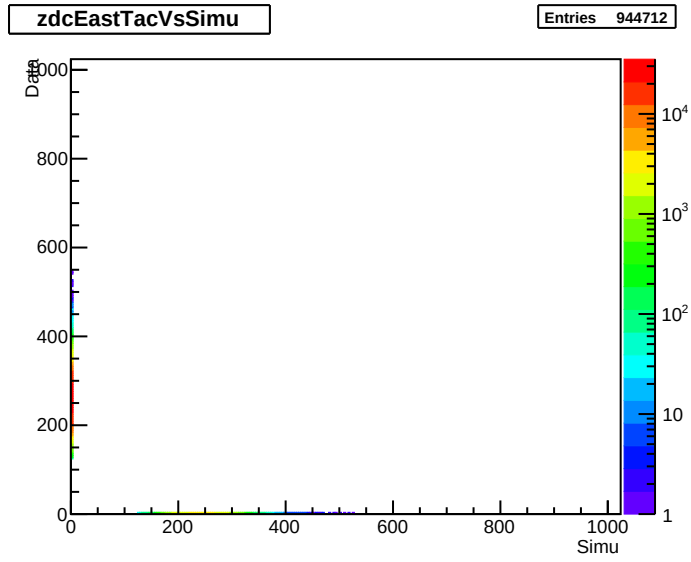

vpdWestNHits
Entries 5456671

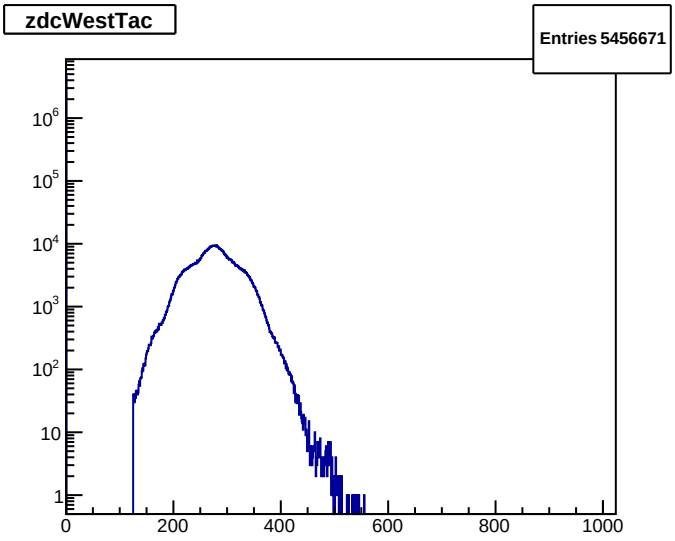

vpdWestNHitsVsSimu
Entries 1295622

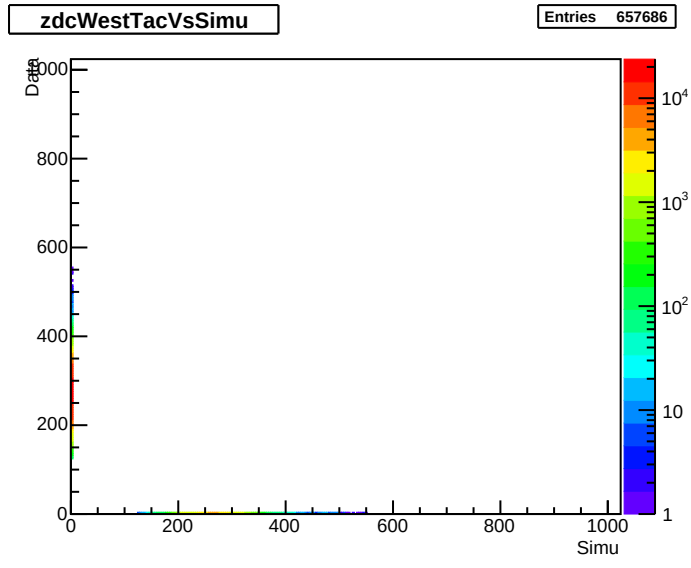

vpdWestTacSum
Entries 5456671

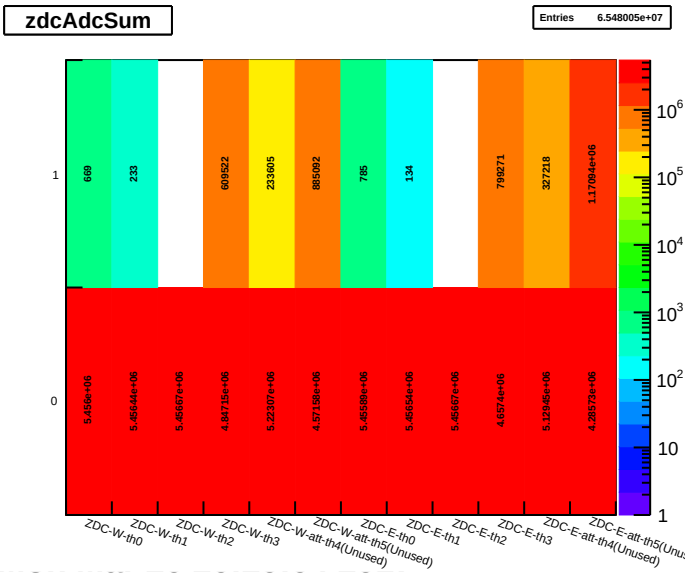

vpdWestTacSumVsSimu
Entries 4155046
Data
Simu

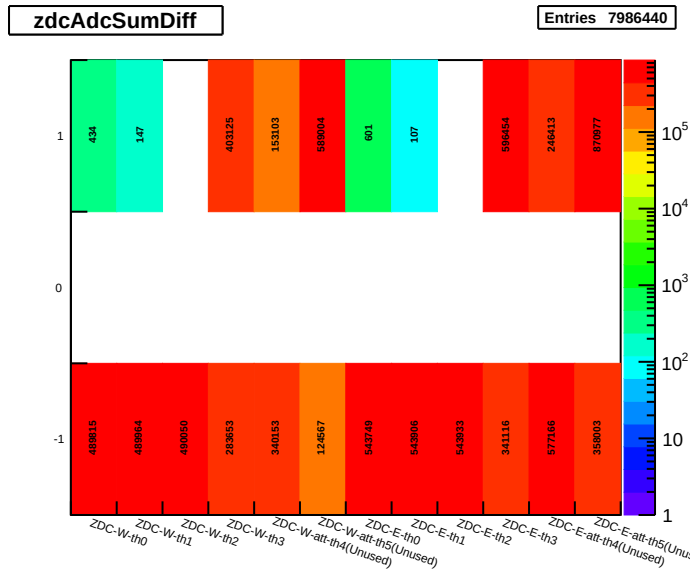

zdcEastTac
Entries 5456671

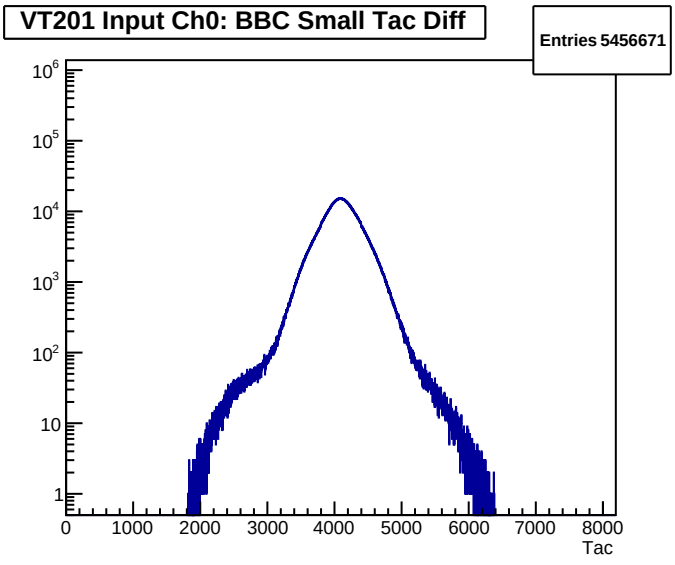

zdcEastTacVsSimu
Entries 944712
Data
Simu

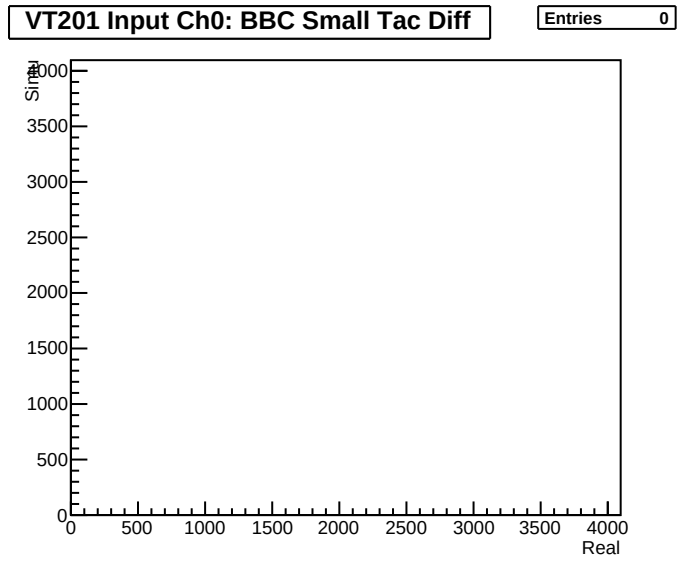

zdcWestTac
Entries 5456671

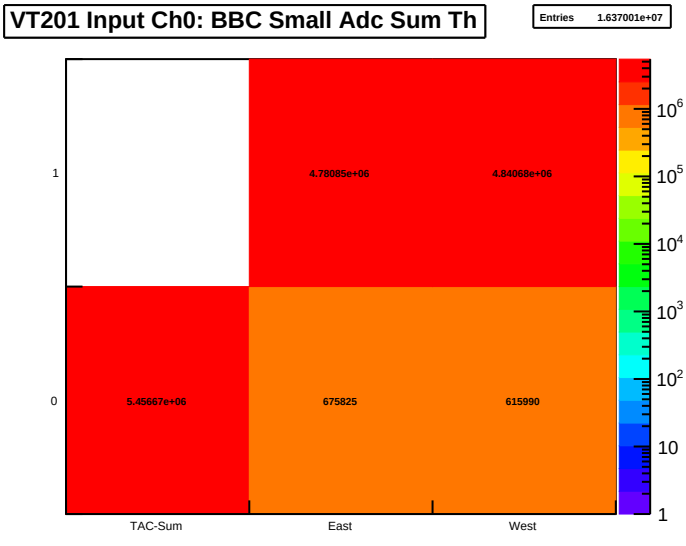

zdcWestTacVsSimu
Entries 657686
Data
Simu

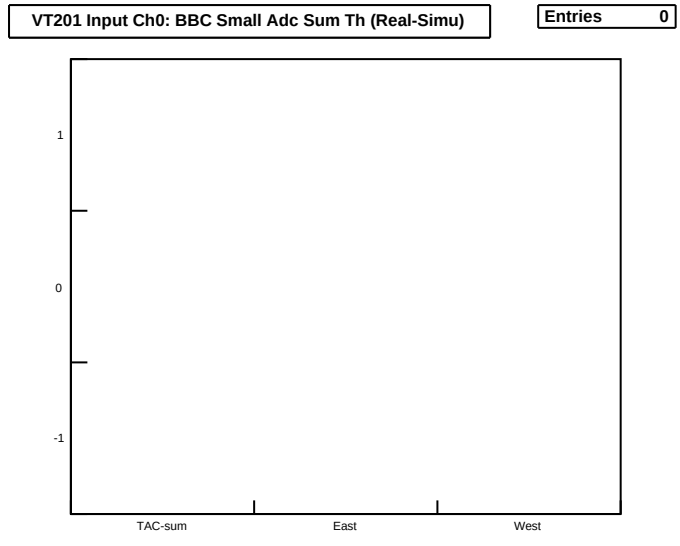

zdcAdcSum
Entries 6.548005e+07
669
233
609522
233605
885092
785
134
798271
327218
1.17094e+06
5.4566e+06
5.45644e+05
5.46667e+06
4.84715e+06
5.22307e+06
4.57158e+06
5.45589e+06
5.46654e+06
5.45667e+05
4.6574e+06
5.12945e+06
4.28572e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

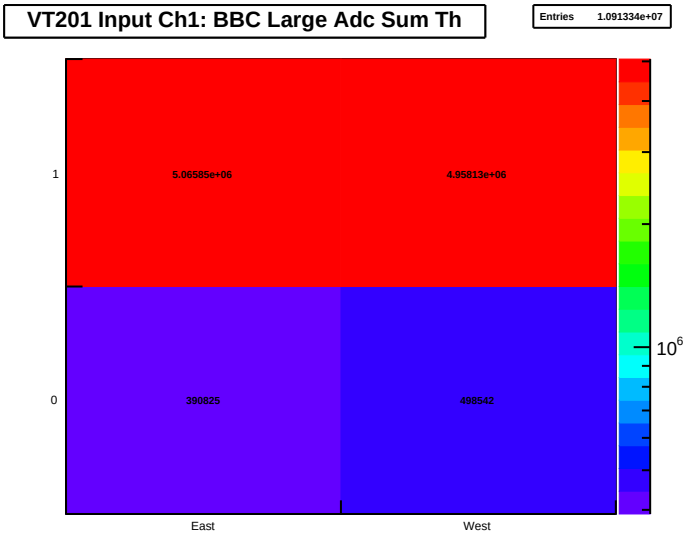

zdcAdcSumDiff
Entries 7986440
434
147
403125
153103
539004
601
107
596454
246413
870977
488815
489964
490050
283653
340153
124567
543749
543906
543933
341116
577166
358003
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

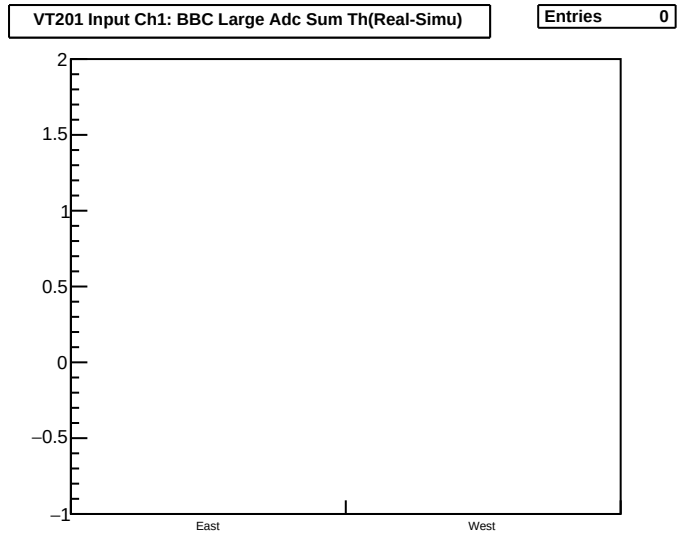

VT201 Input Ch0: BBC Small Tac Diff
Entries 5456671
Tac


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

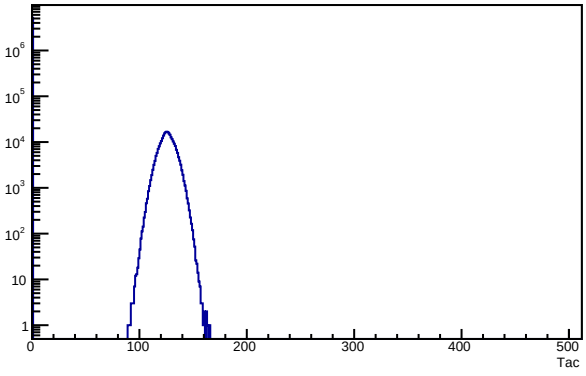

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.637001e+07
4.78085e+06
4.84068e+06
5.45667e+06
675825
615990
TAC-Sum
East
West


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

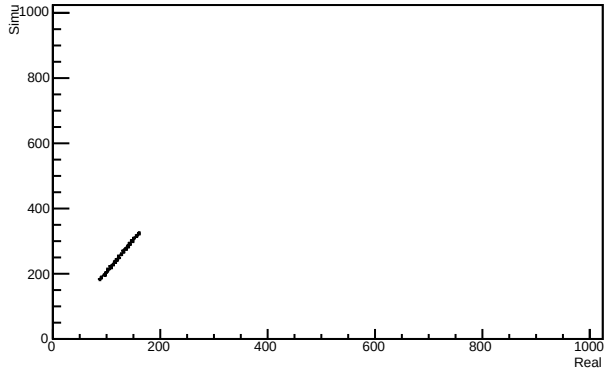

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.091334e+07
5.06585e+06
4.95813e+06
390825
498542
East
West


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

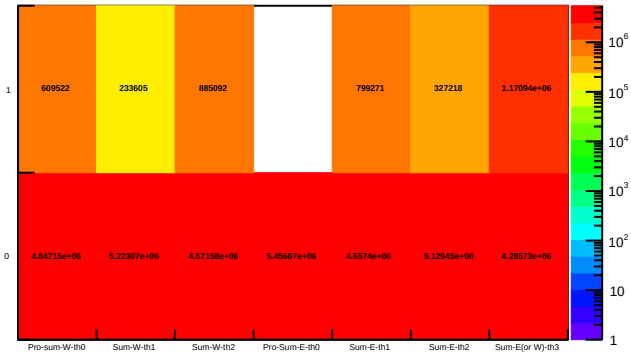
VT201 Input Ch2: ZDC Tac Diff



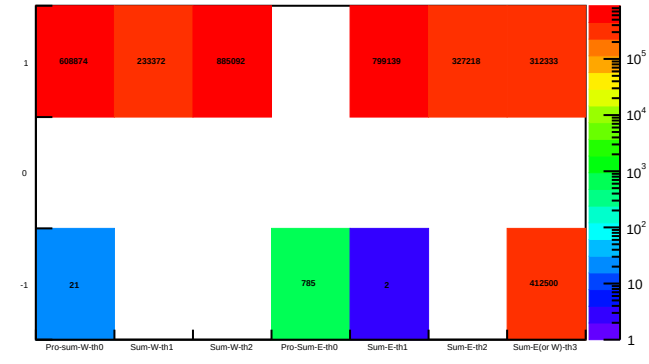
VT201 Input Ch2: ZDC Tac Diff



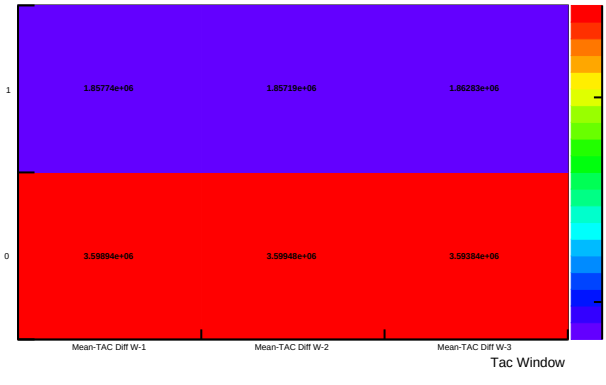
VT201 Input Ch2: ZDC Adc Sum Th



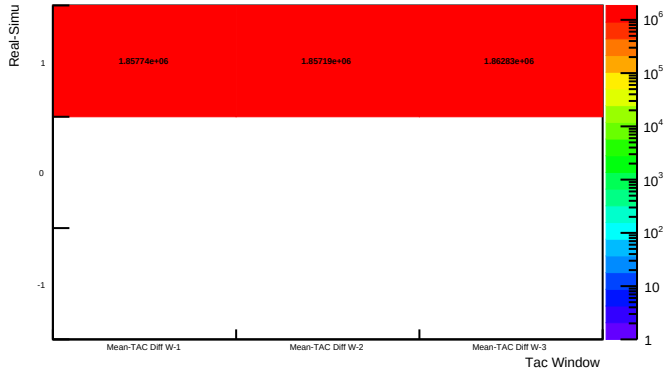
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



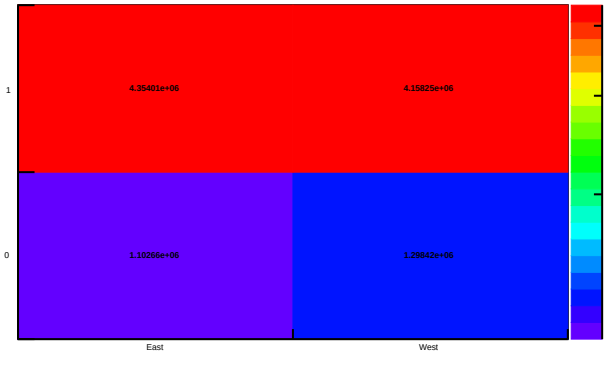
VT201 Input Ch4: VPD Tac Diff



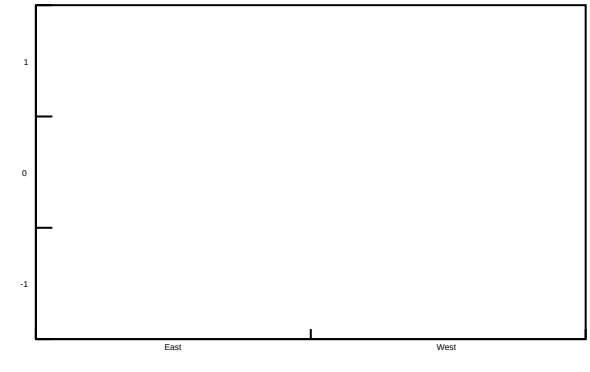
VT201 Input Ch4: VPD Tac Diff

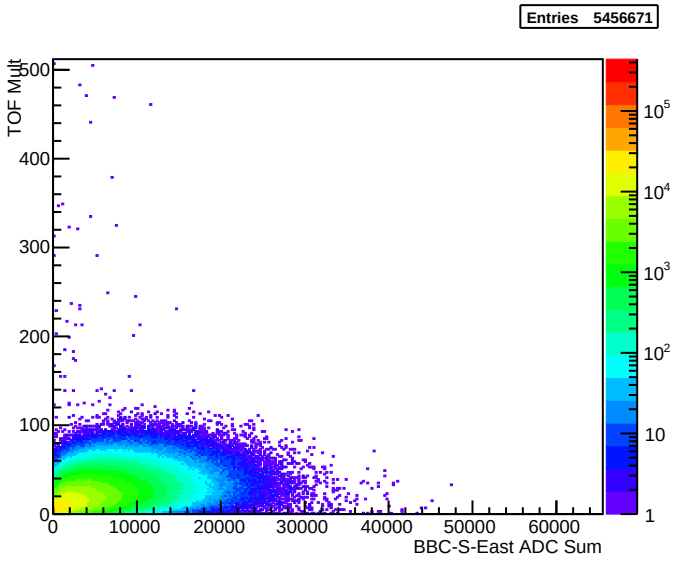


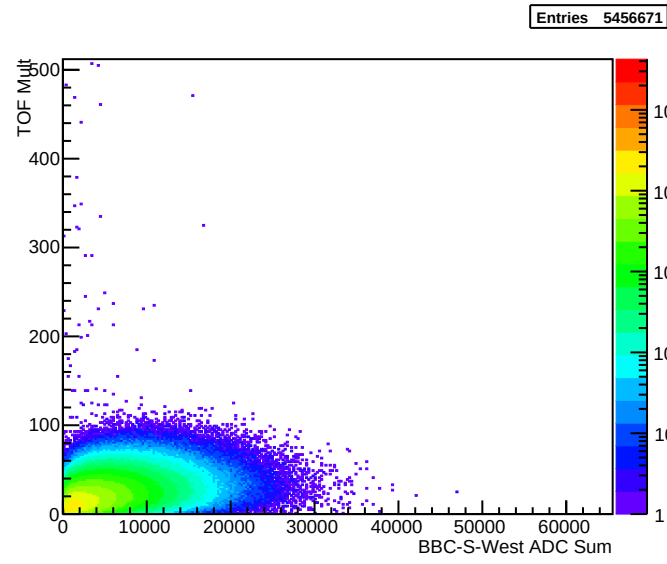
VT201 Input Ch4: VPD Adc Sum Th

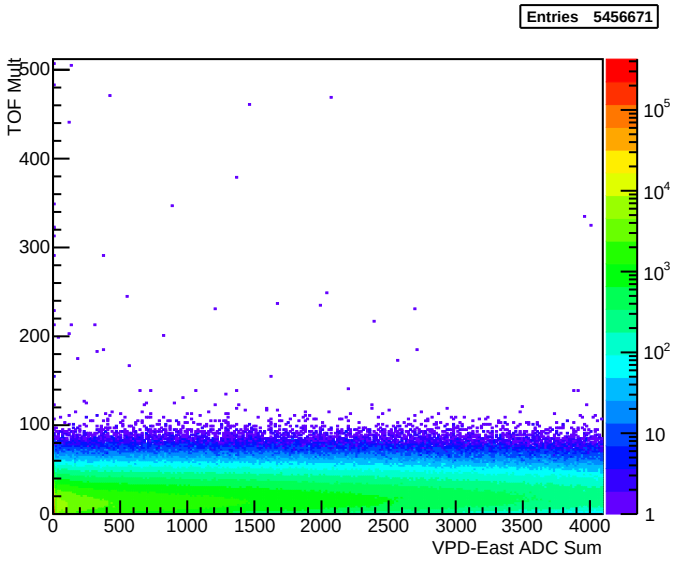


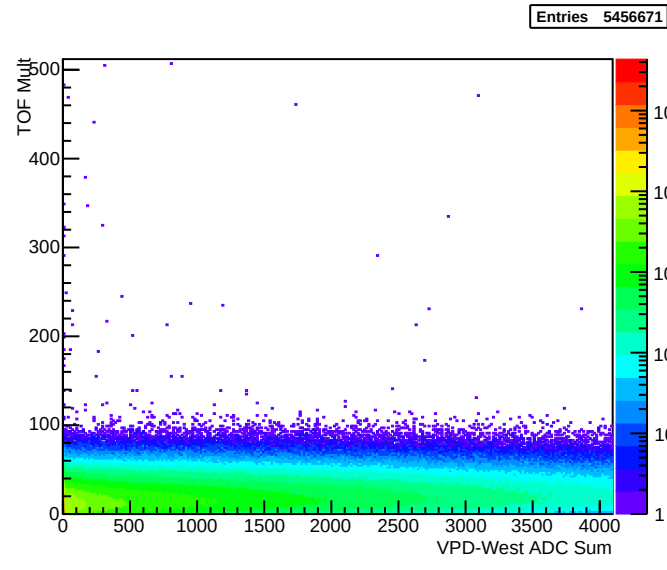
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

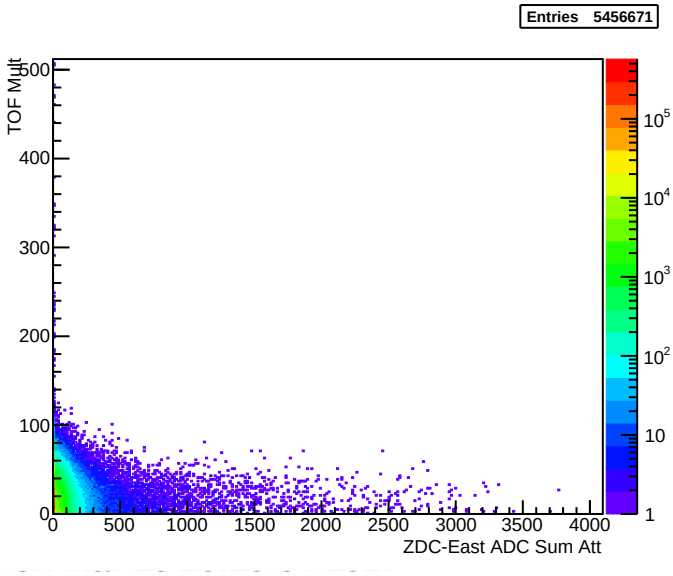


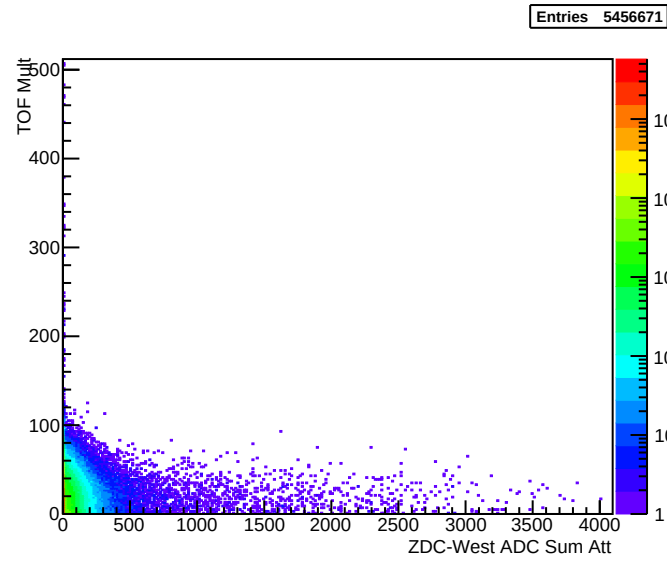

Entries 5456671
TOF Mult
BBC-S-East ADC Sum

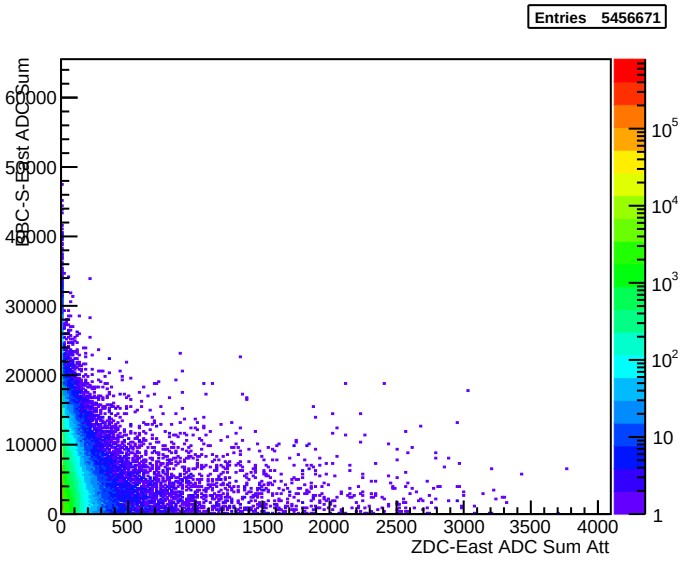

Entries 5456671
TOF Mult
BBC-S-West ADC Sum

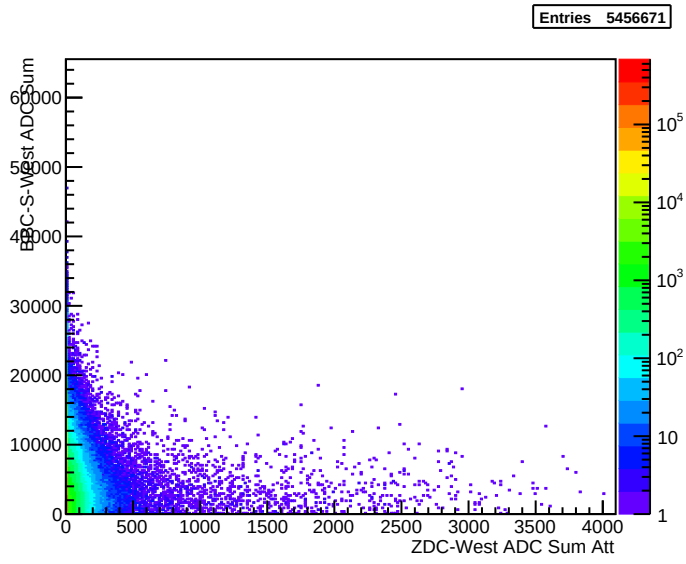

Entries 5456671
TOF Mult
VPD-East ADC Sum

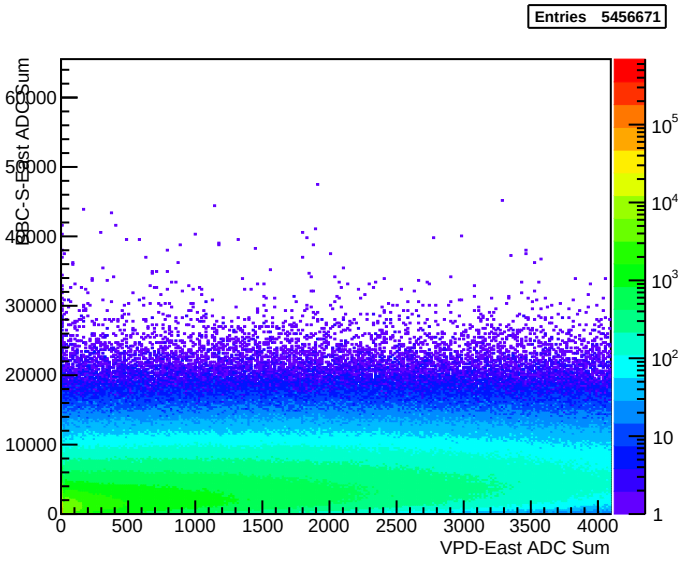

Entries 5456671
TOF Mult
VPD-West ADC Sum

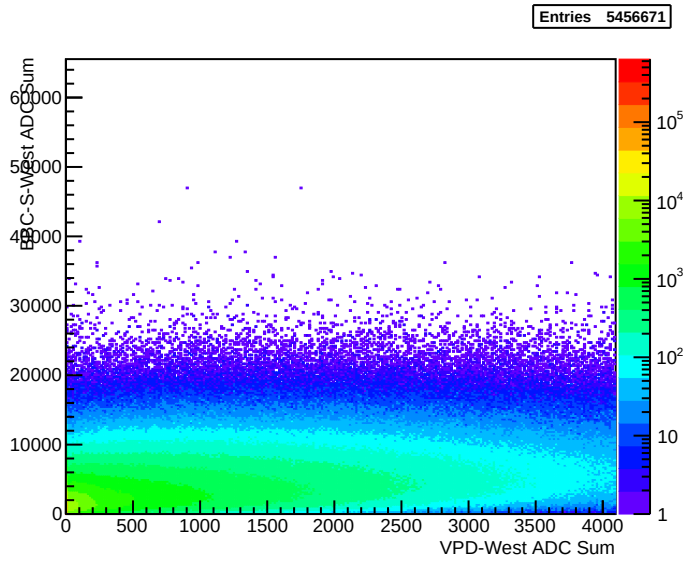

Entries 5456671
TOF Mult
ZDC-East ADC Sum Att

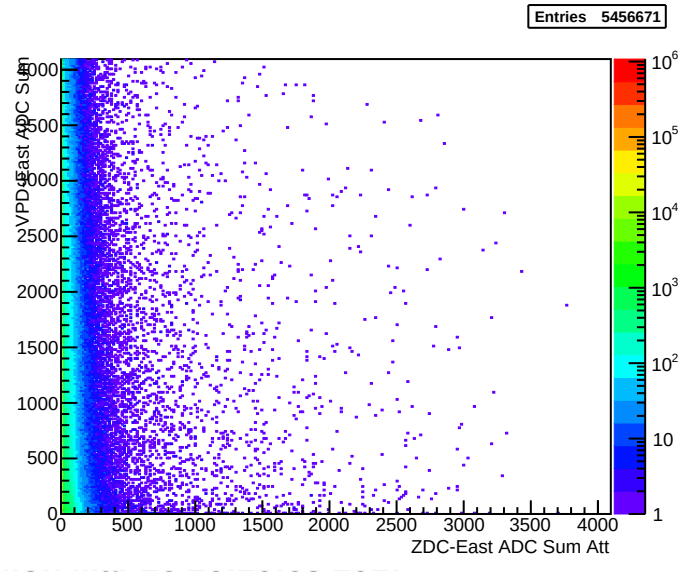

Entries 5456671
TOF Mult
ZDC-West ADC Sum Att

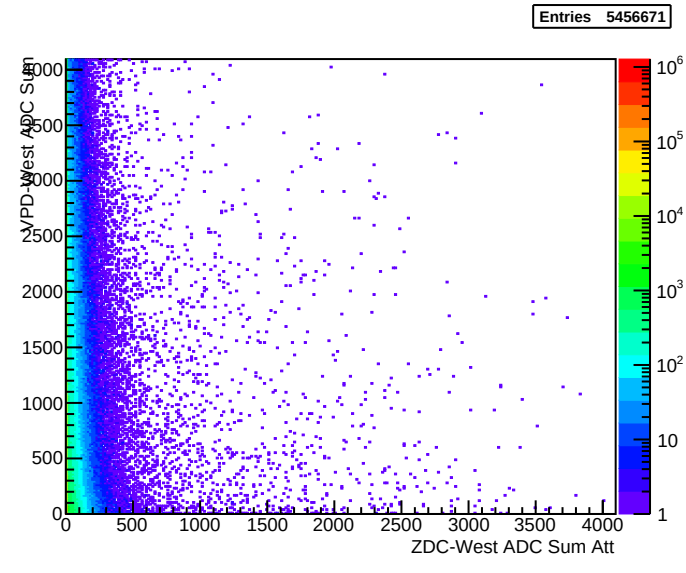

Entries 5456671
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

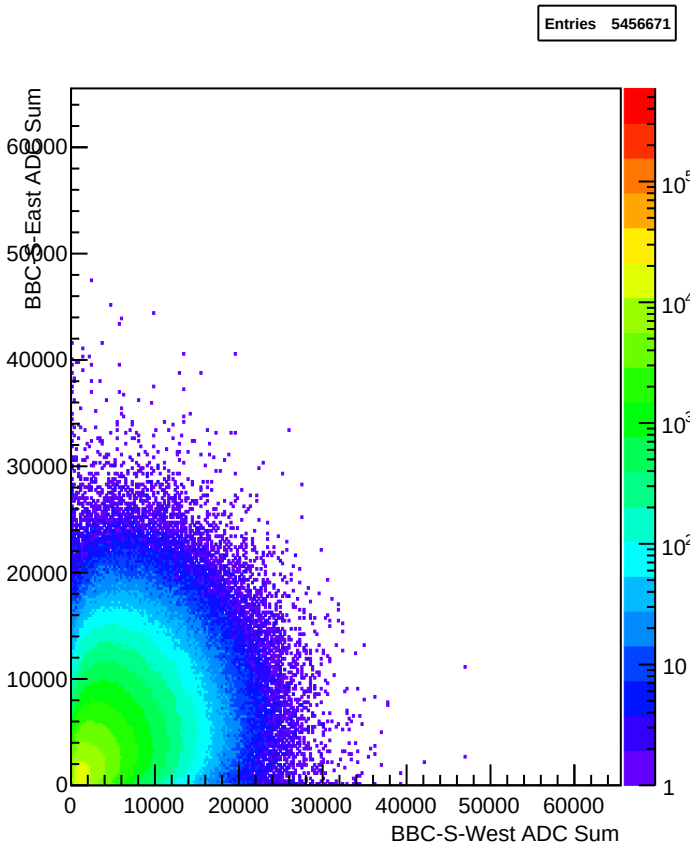

Entries 5456671
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

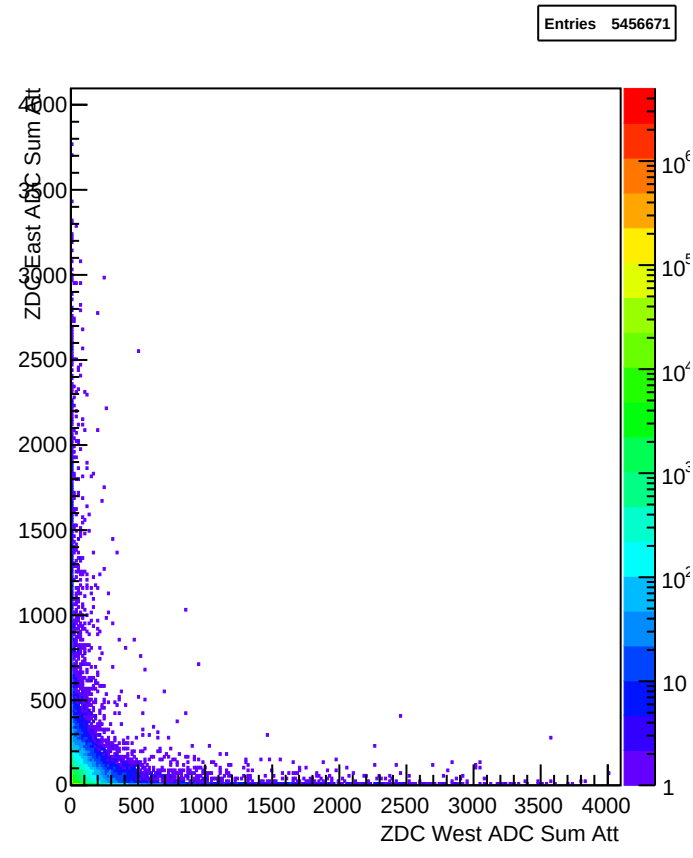

Entries 5456671
BBC-S-East ADC Sum
VPD-East ADC Sum

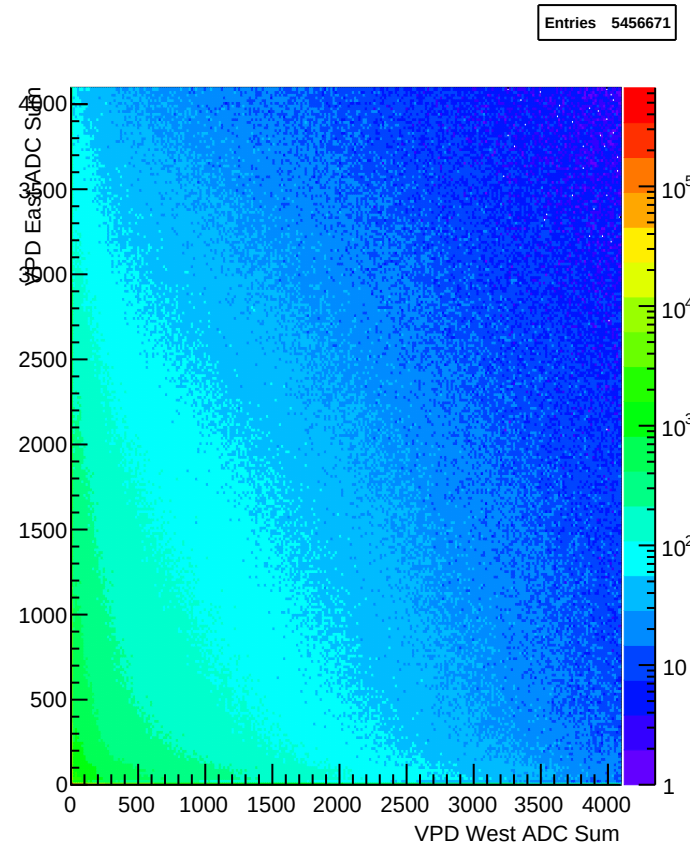

Entries 5456671
BBC-S-West ADC Sum
VPD-West ADC Sum

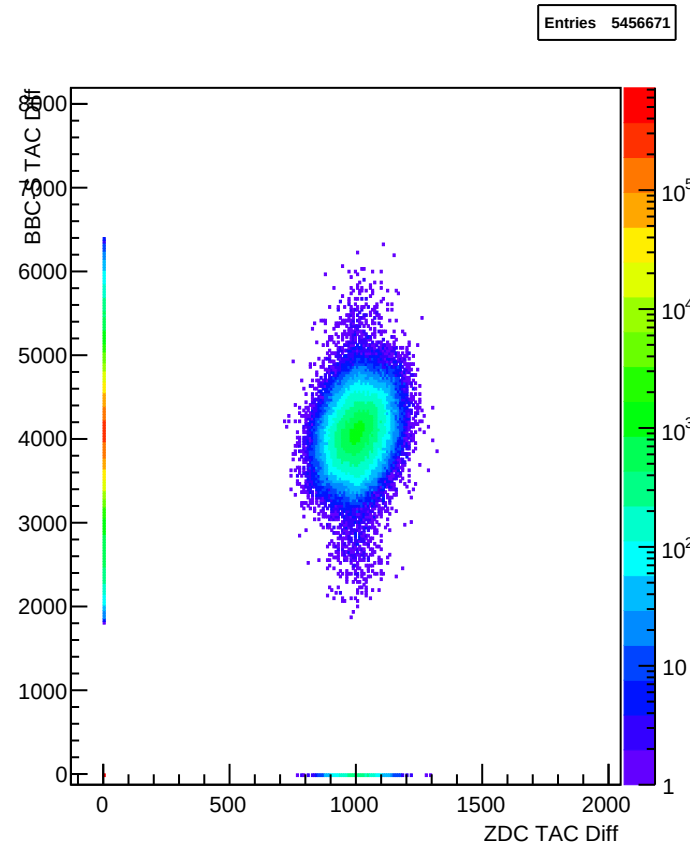

Entries 5456671
VPD-East ADC Sum
ZDC-East ADC Sum Att

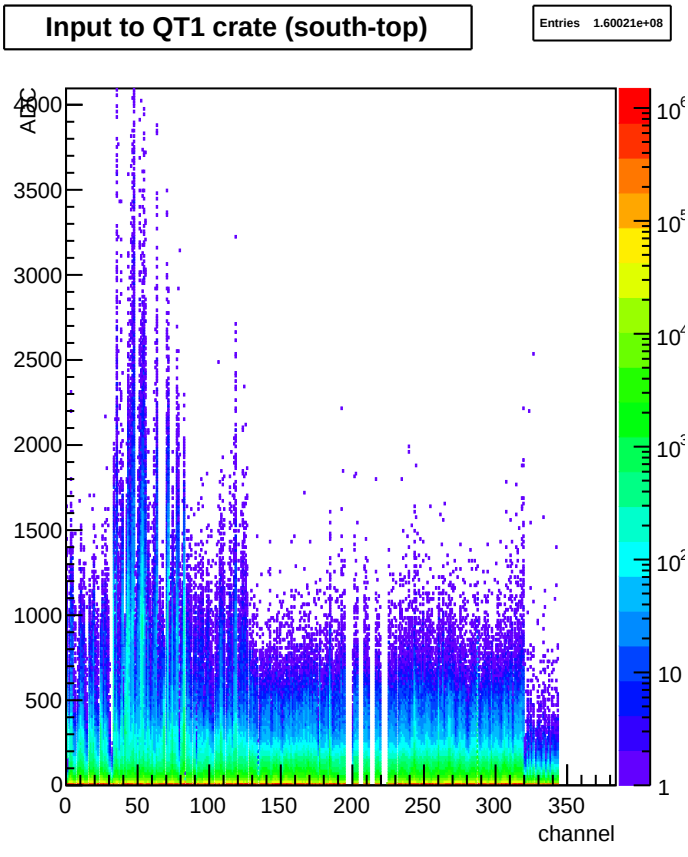

Entries 5456671
VPD-West ADC Sum
ZDC-West ADC Sum Att

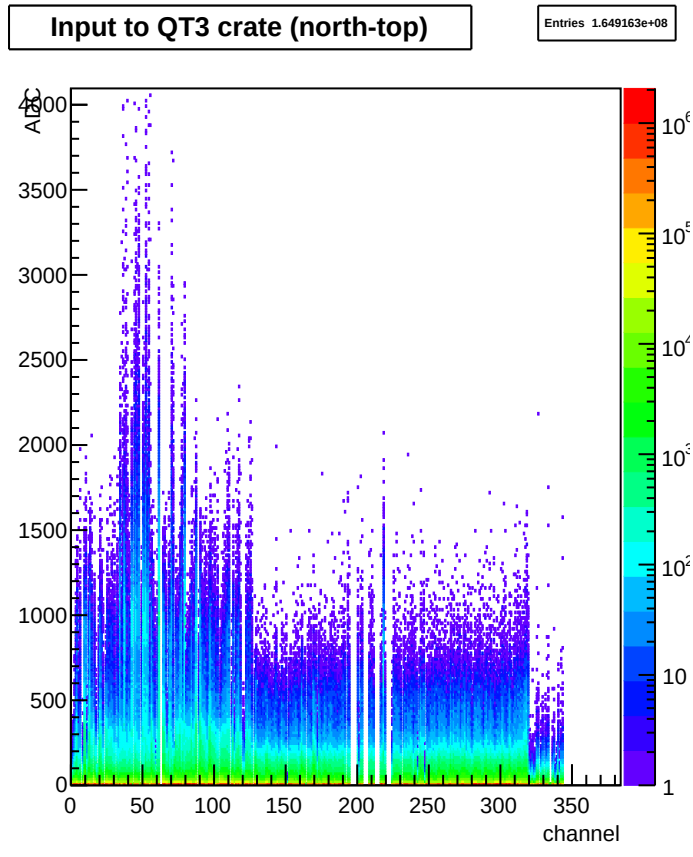

Entries 5456671
BBC-S-East ADC Sum
BBC-S-West ADC Sum

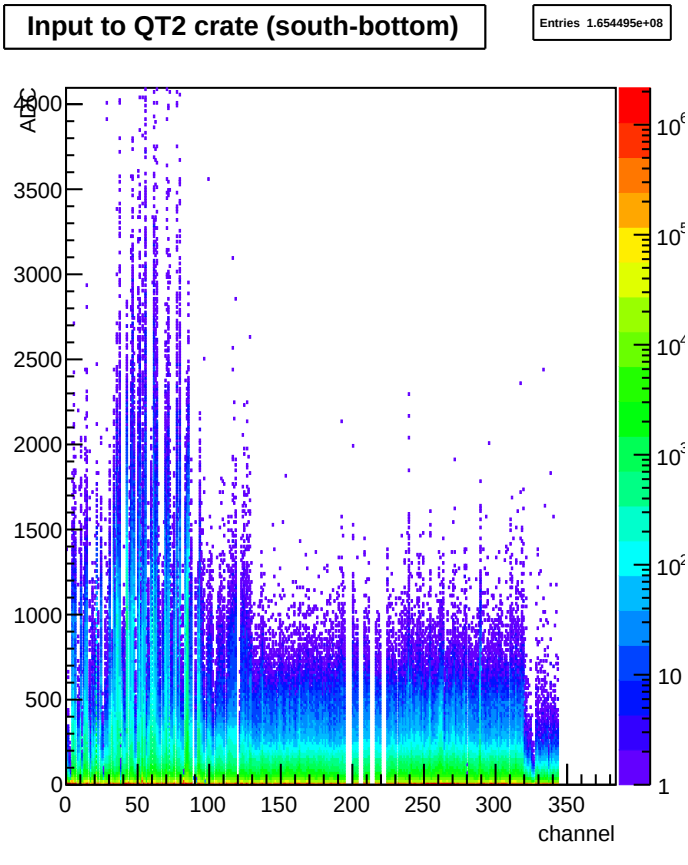

Entries 5456671
ZDC East ADC Sum Att
ZDC West ADC Sum Att

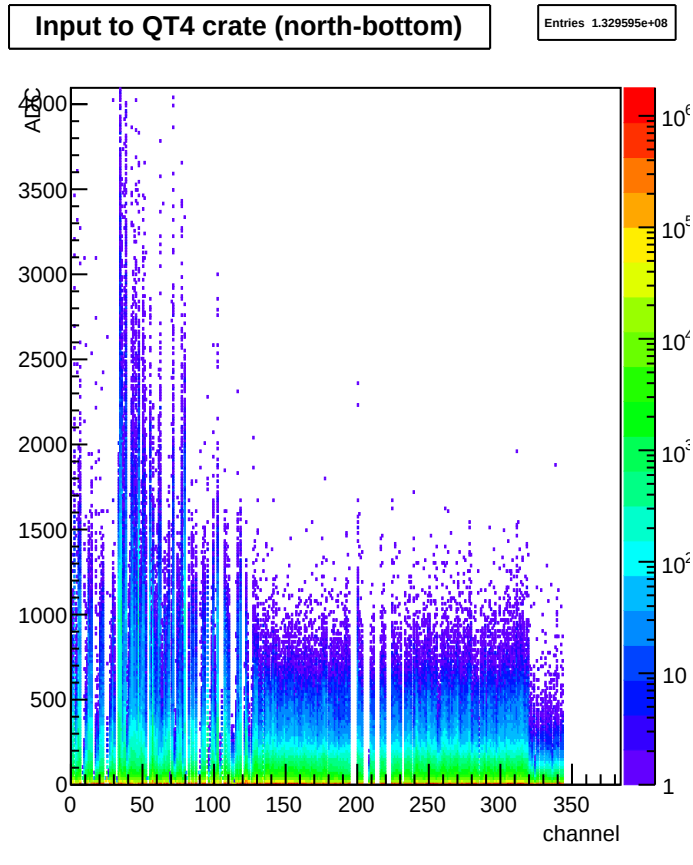

Entries 5456671
VPD East ADC Sum
VPD West ADC Sum

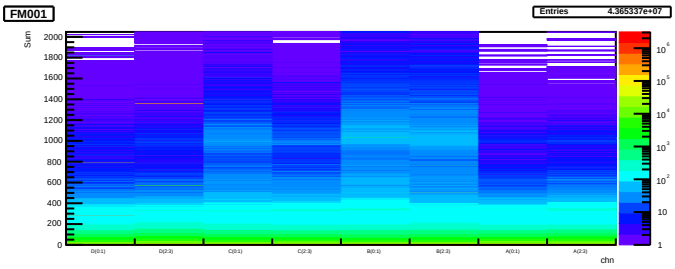

Entries 5456671
BBC-S TAC Diff
ZDC TAC Diff

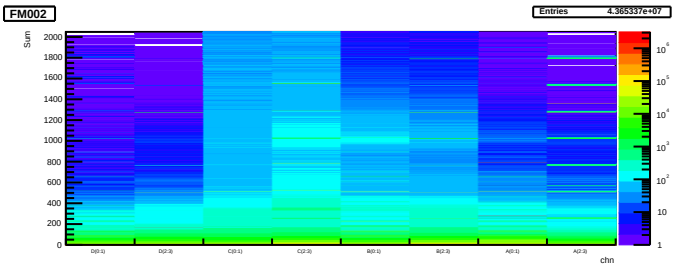

Input to QT1 crate (south-top)
Entries 1.60021e+08
ADC
channel

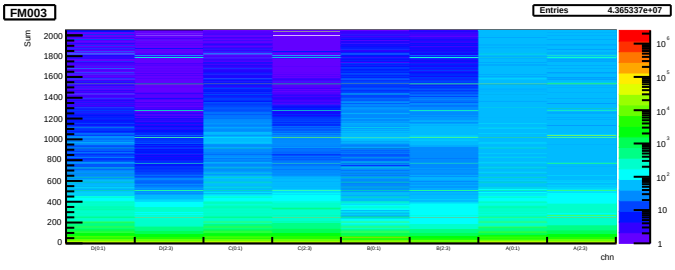

Input to QT3 crate (north-top)
Entries 1.649163e+08
ADC
channel

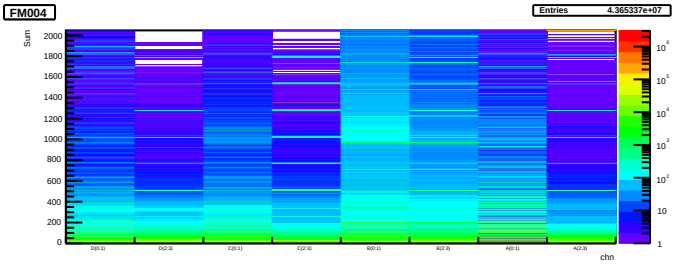

Input to QT2 crate (south-bottom)
Entries 1.654495e+08
ADC
channel

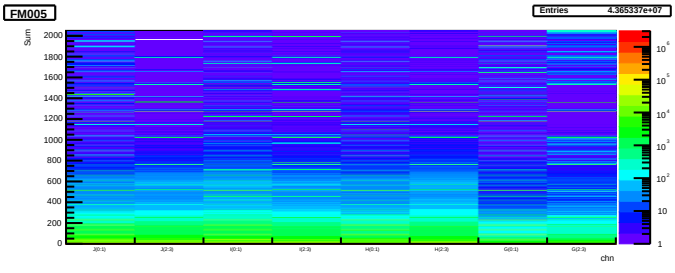

Input to QT4 crate (north-bottom)
Entries 1.329595e+08
ADC
channel

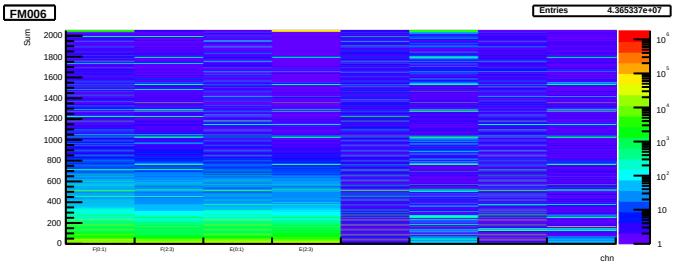

FM001
Entries 4.365337e+07
Sum
chn


FM002
Entries 4.365337e+07
Sum
chn


FM003
Entries 4.365337e+07
Sum
chn


FM004
Entries 4.365337e+07
Sum
chn


FM005
Entries 4.365337e+07
Sum
chn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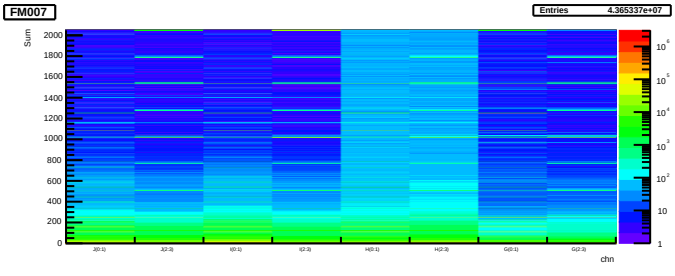
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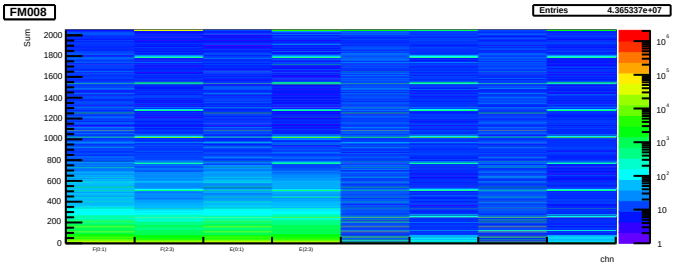
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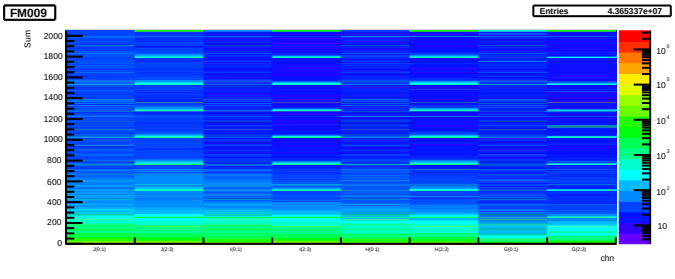
FM009
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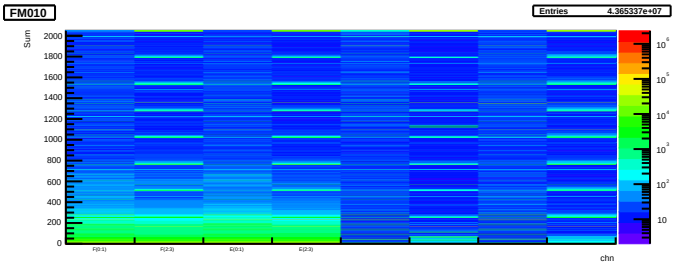
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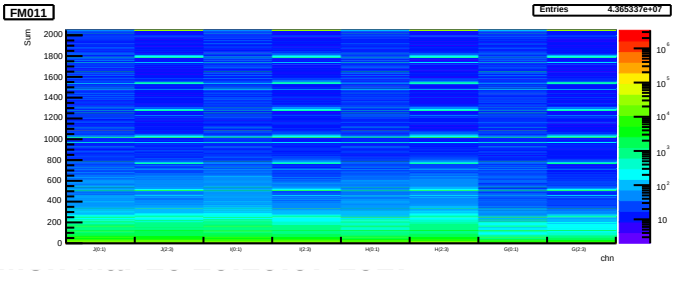
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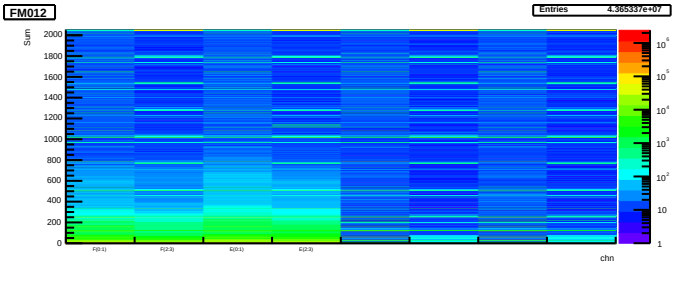
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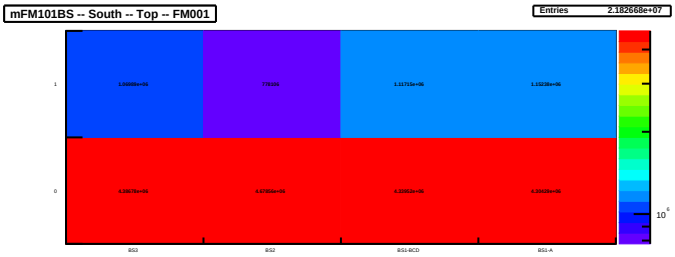
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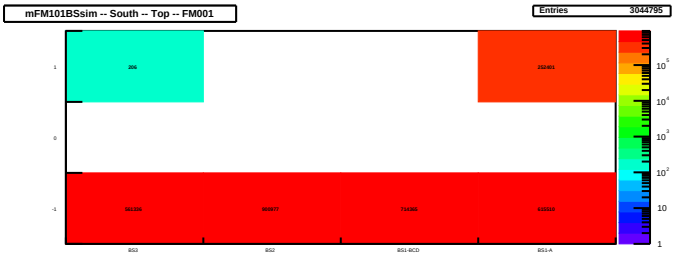
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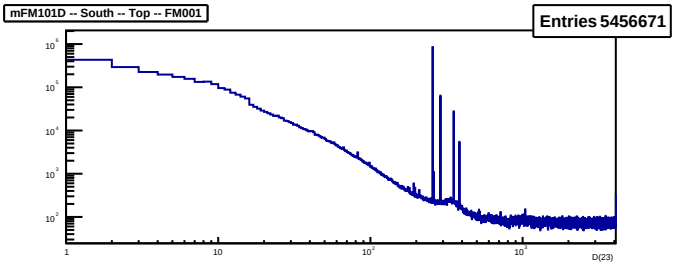
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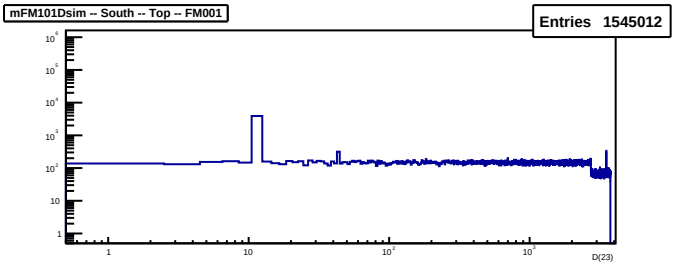
Entries 5456671
D(23)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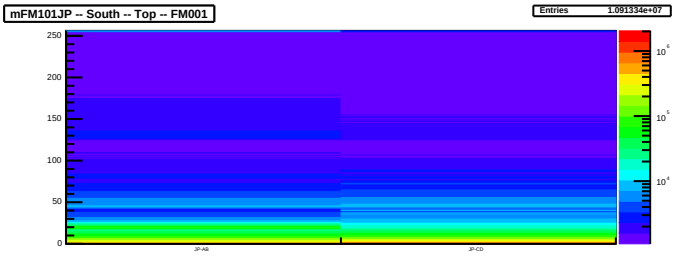
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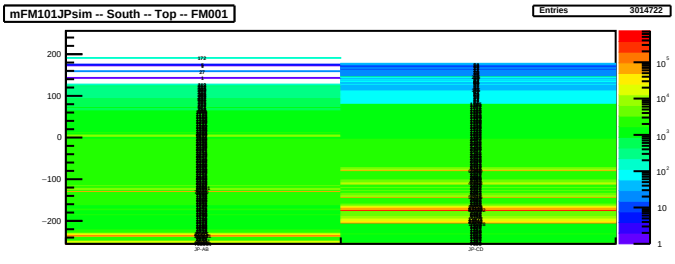
Entries 1.091334e+07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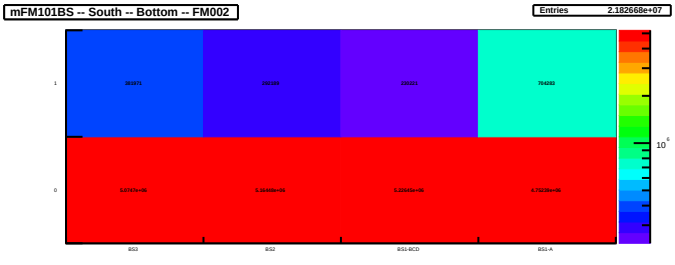
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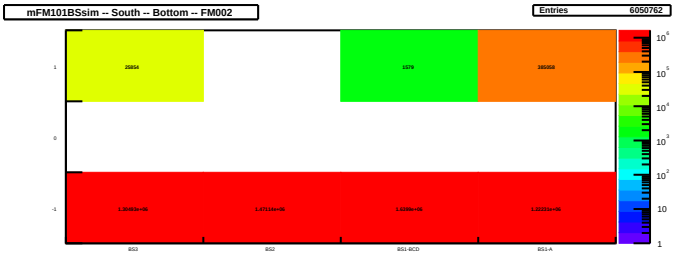
Entries 2.182668e+07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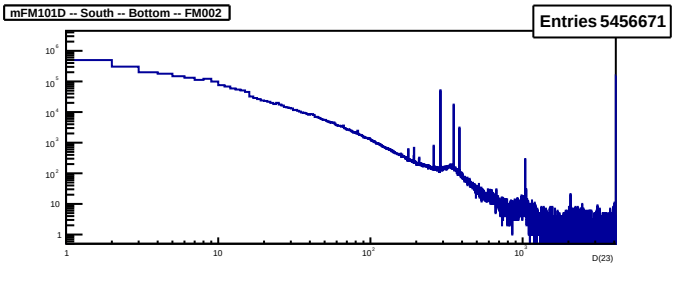
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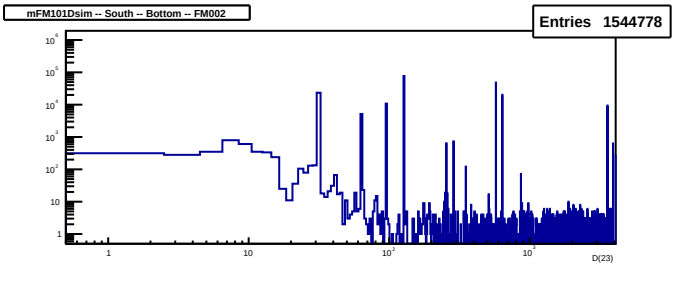
D(23)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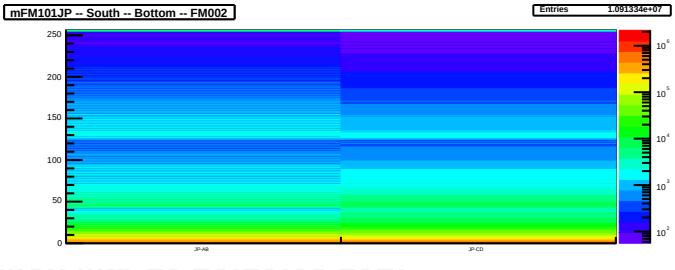
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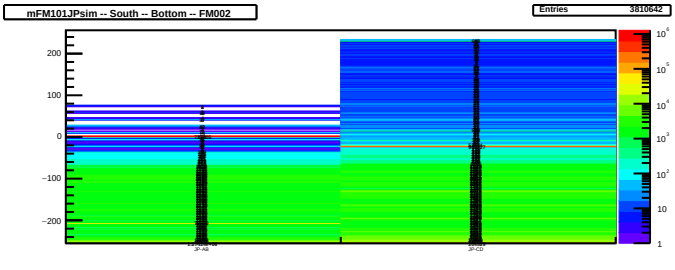
Entries 1.091334e+07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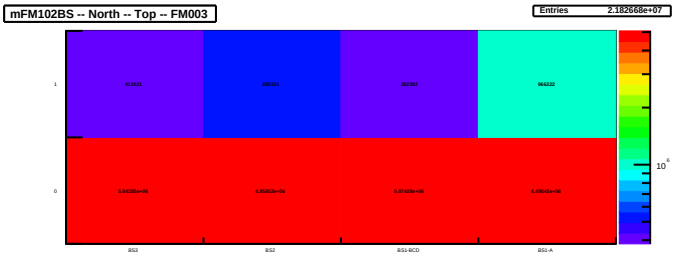
mFM102BS -- North -- Top -- FM003
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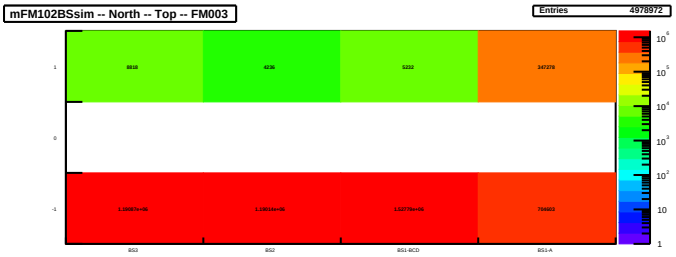
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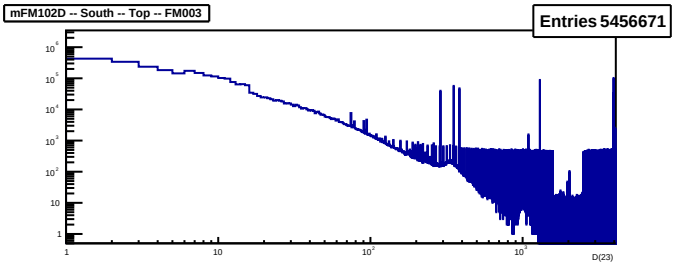
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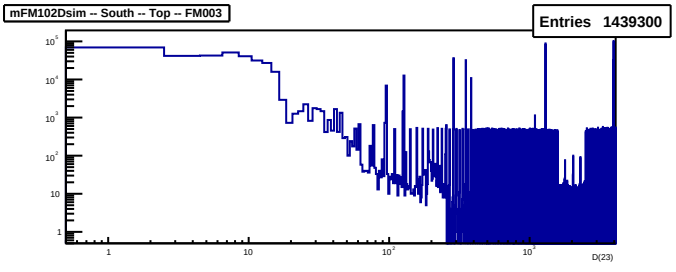
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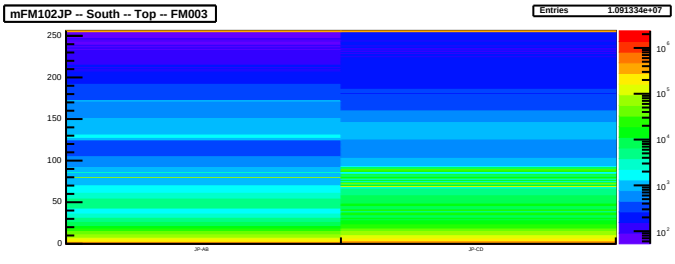
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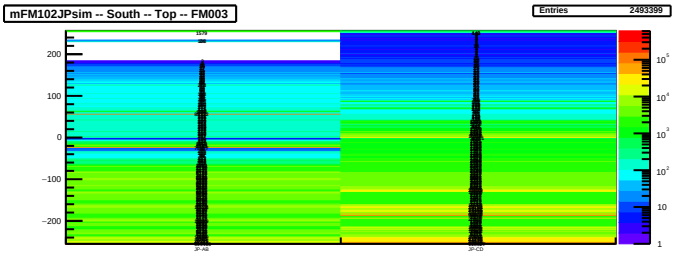
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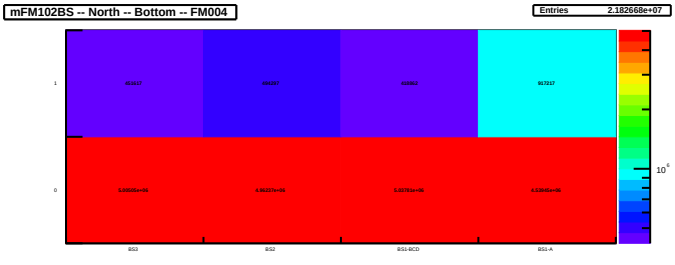
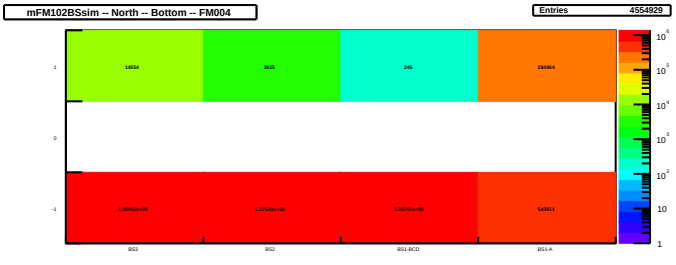

mFM102BS -- North -- Bottom -- FM004
Entries 2.182668e+07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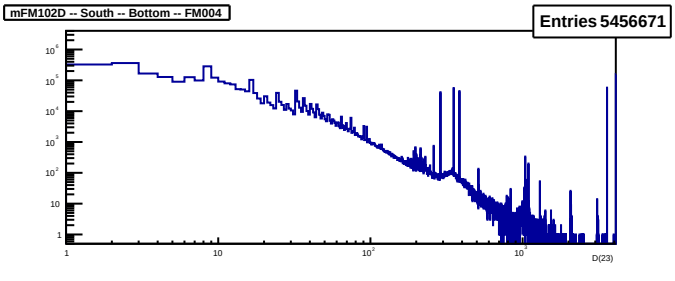
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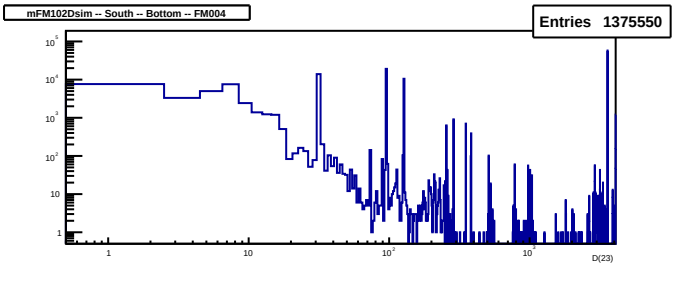
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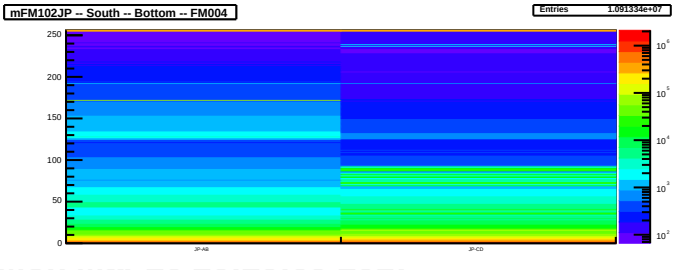
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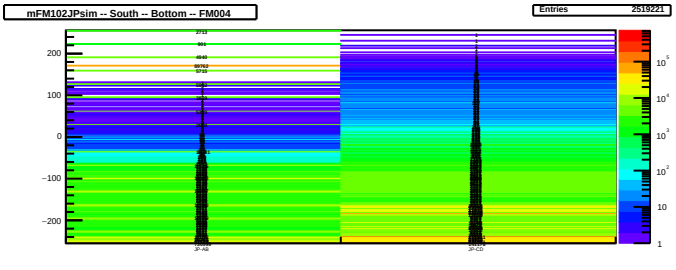
Entries 1.091334e+07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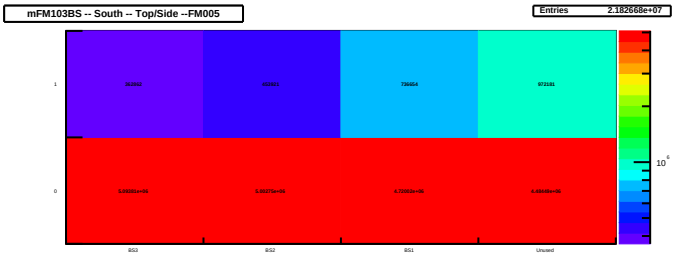
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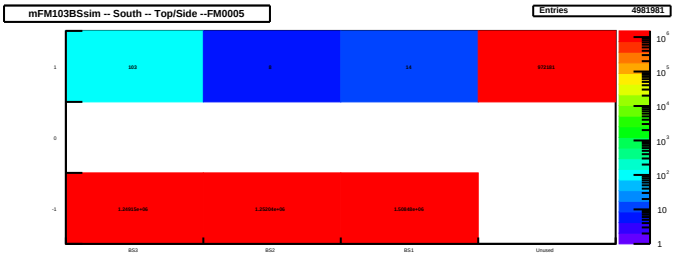
Entries 2.182668e+07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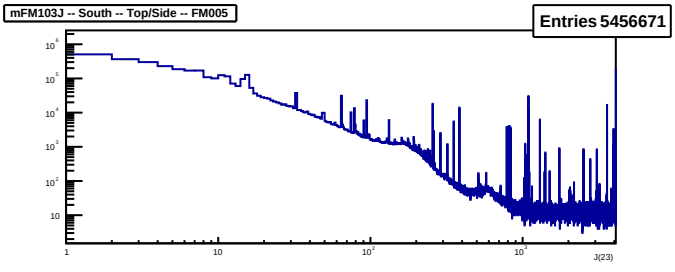
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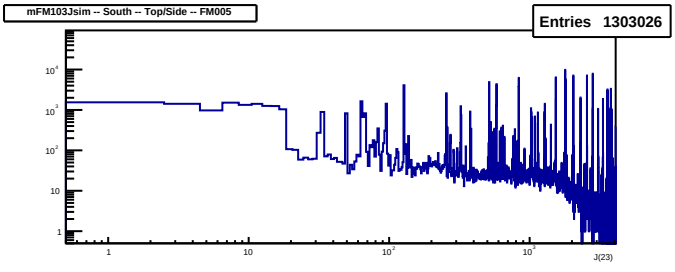
Entries 5456671
J(23)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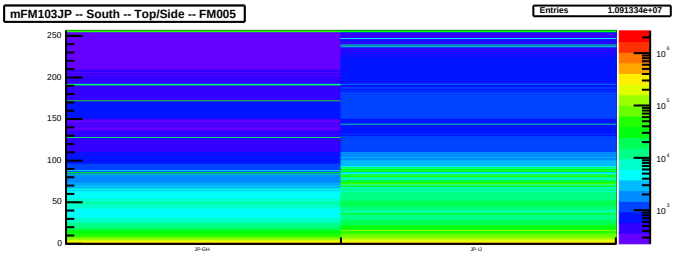
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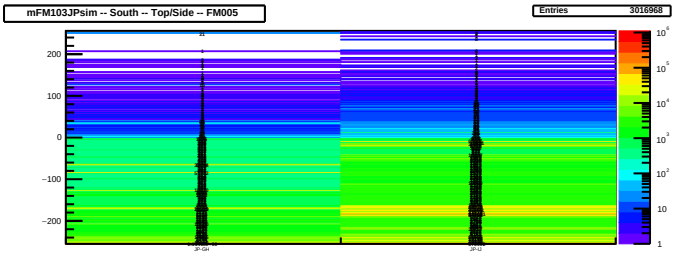
Entries 1.091334e+07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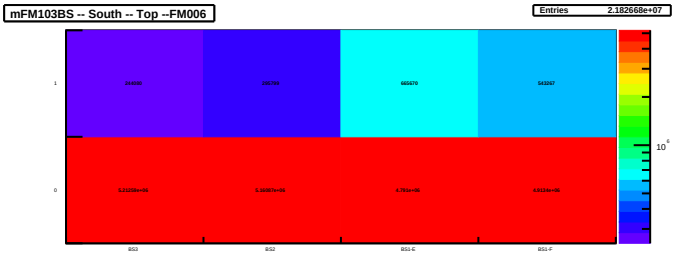
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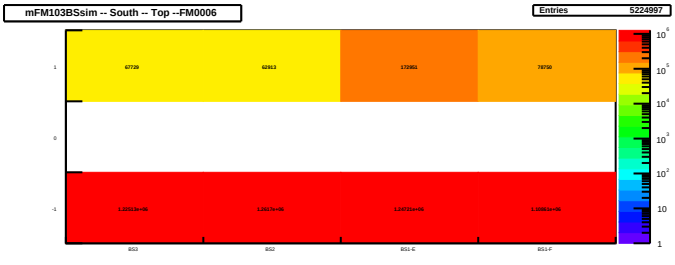
Entries 2.182668e+07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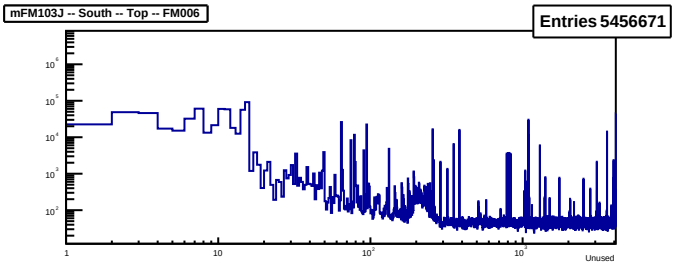
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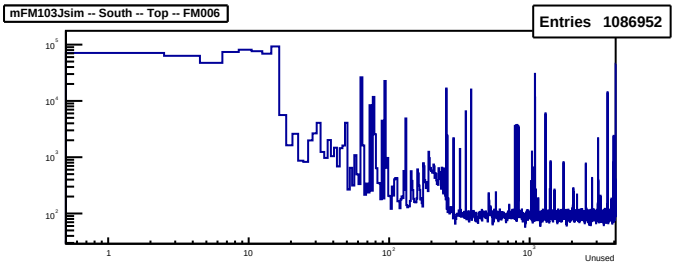
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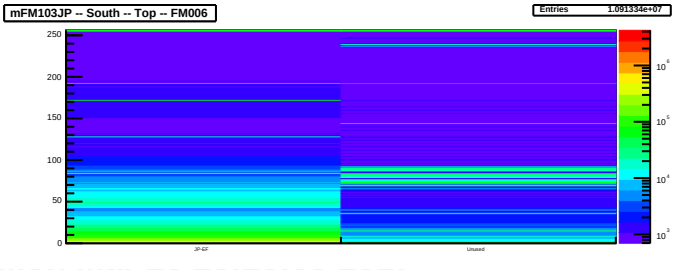
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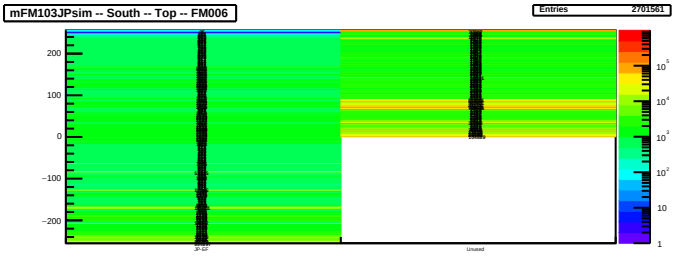
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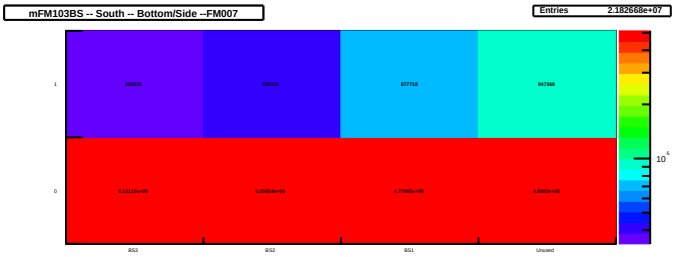
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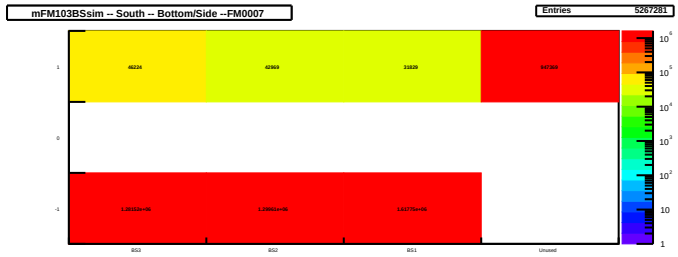
Entries 2.182668e+07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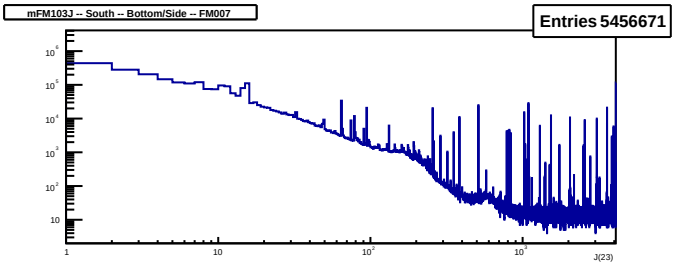
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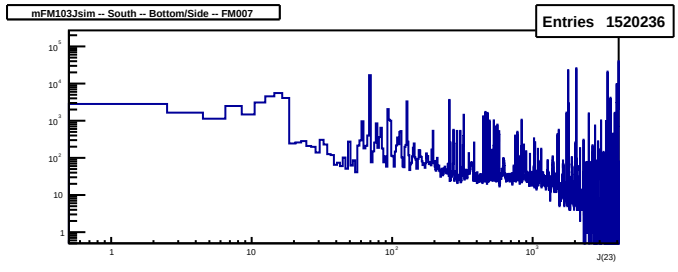
Entries 5456671
J(23)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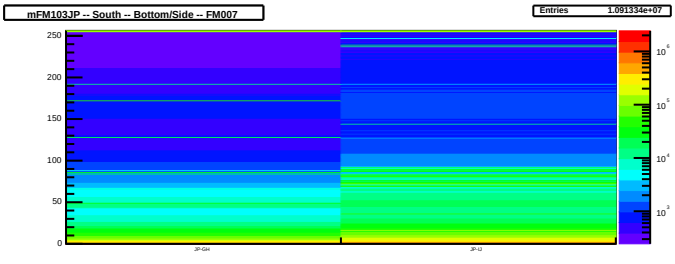
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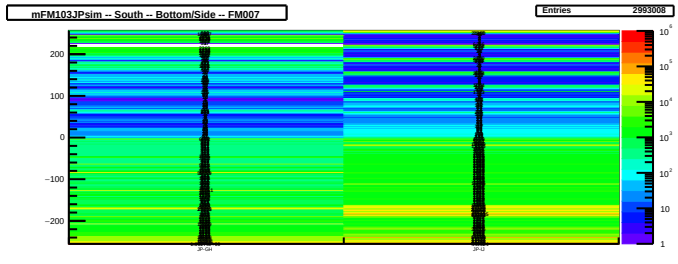
Entries 1.091334e+07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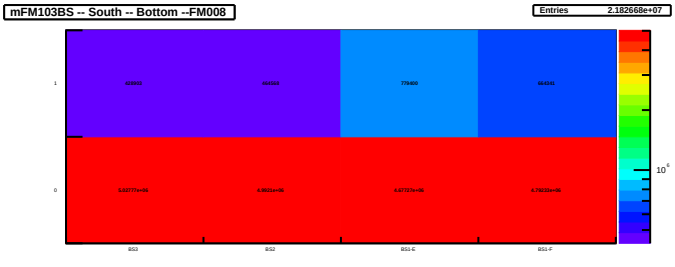
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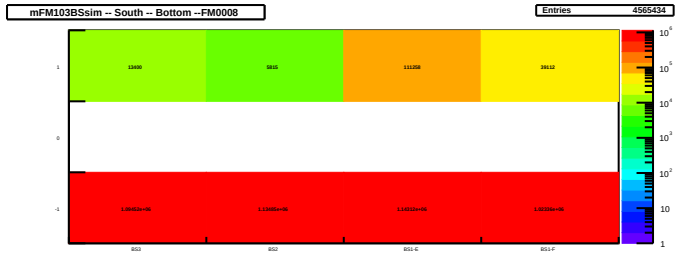
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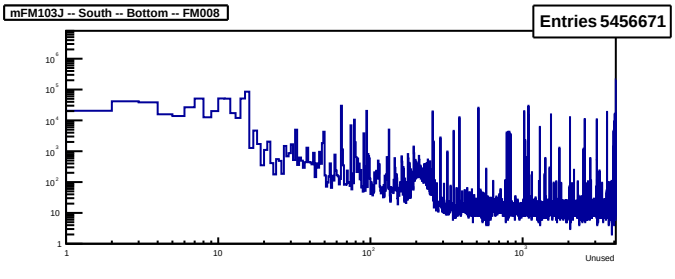
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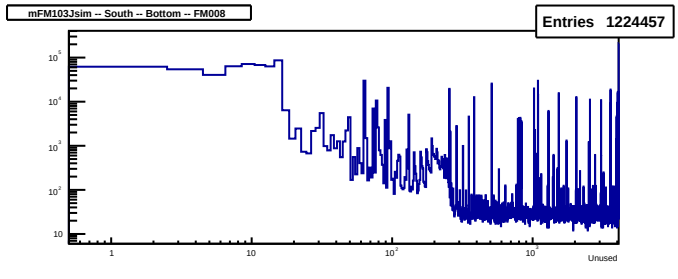
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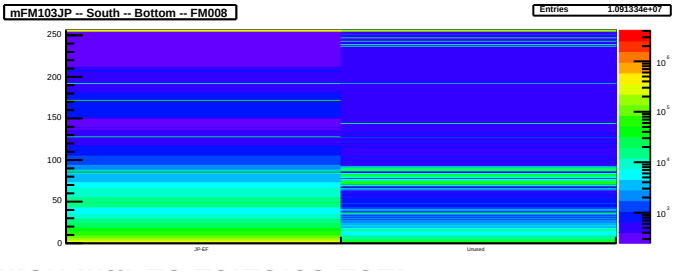
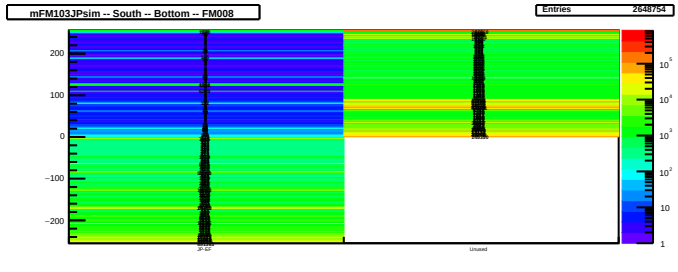
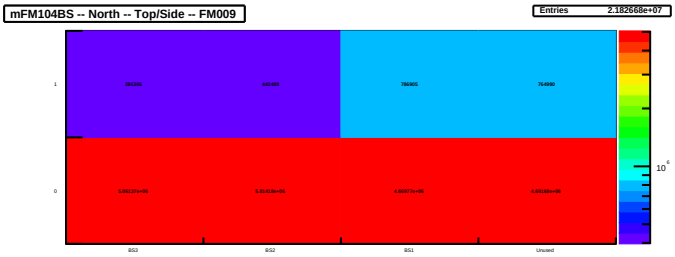
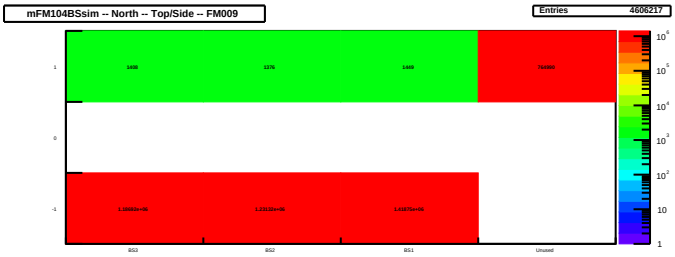
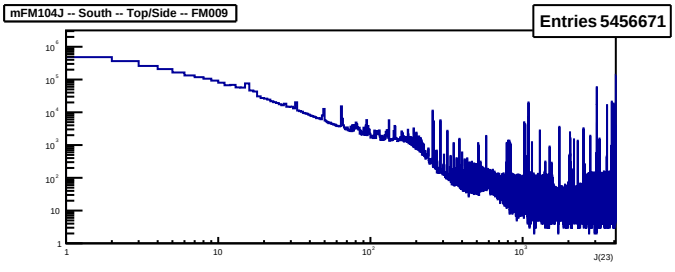
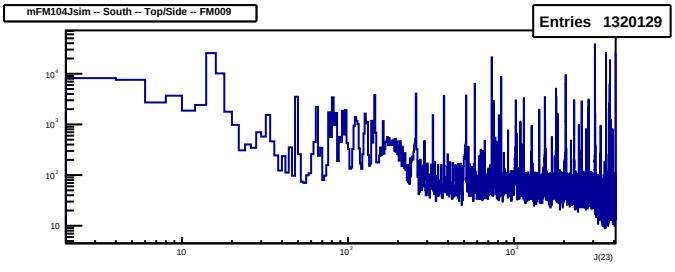

mFM103JP -- South -- Bottom -- FM008
Entries 1.091334e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 2648754


mFM104BS -- North -- Top/Side -- FM009
Entries 2.182668e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 4606217


mFM104J -- South -- Top/Side -- FM009
Entries 5456671
J(23)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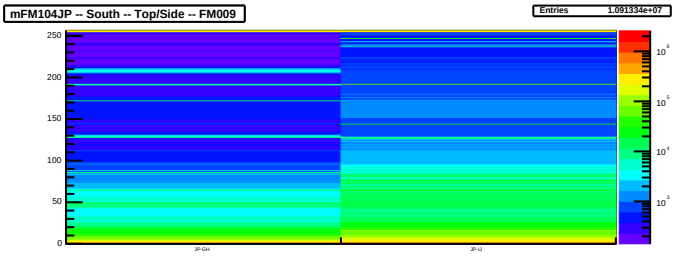
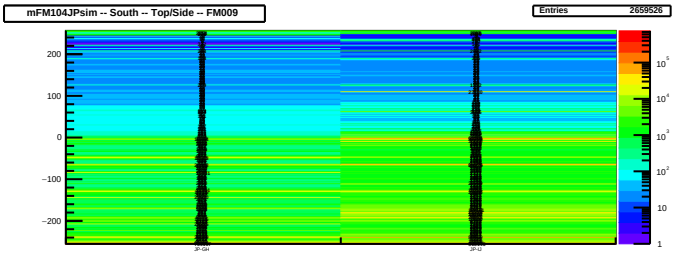
Entries 1320129
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.091334e+07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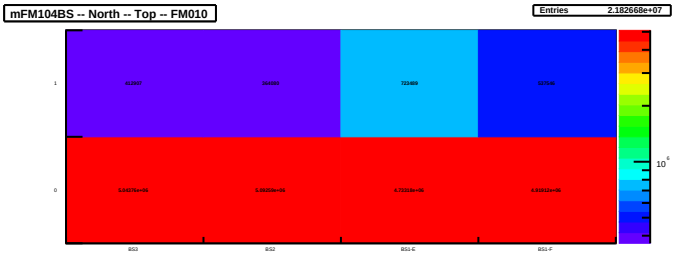
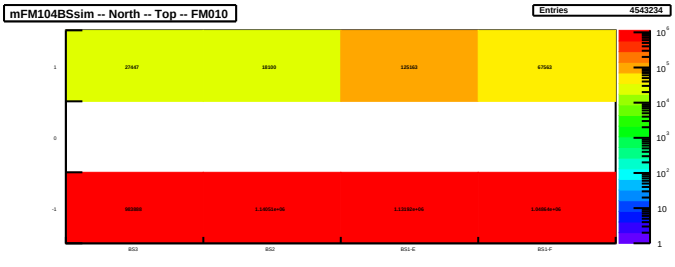
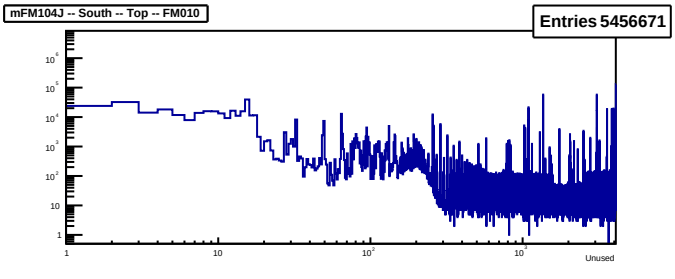
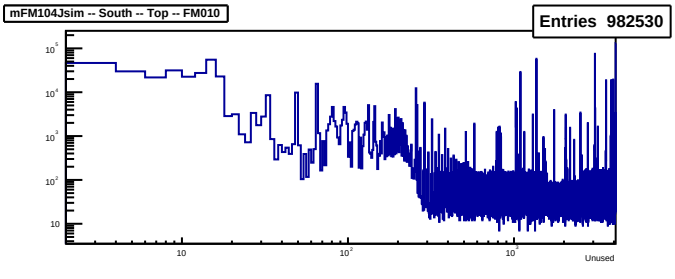
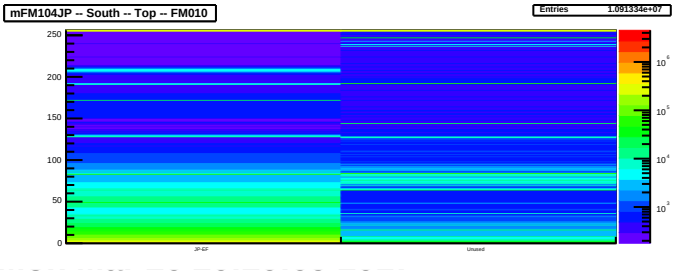
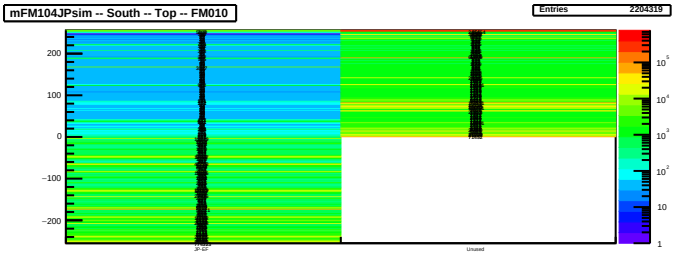

mFM104BS -- North -- Top -- FM010
Entries 2.182668e+07

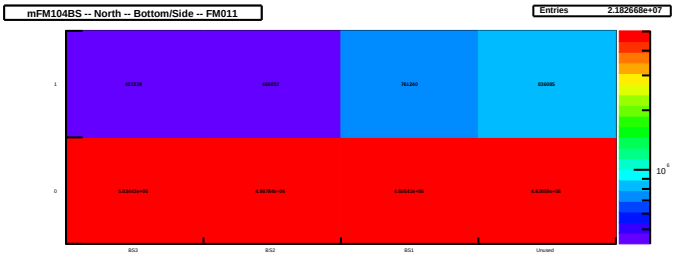

mFM104BSsim -- North -- Top -- FM010
Entries 4543234

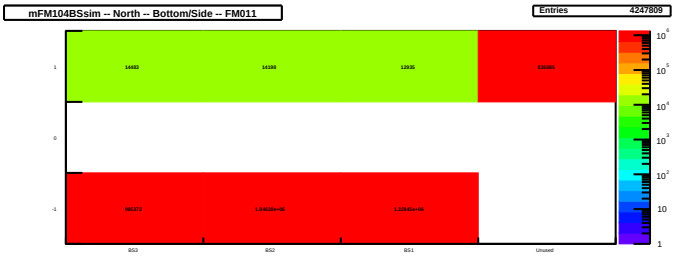

mFM104J -- South -- Top -- FM010
Entries 5456671
Unused

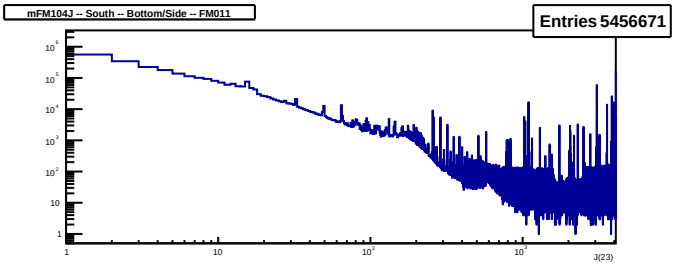

mFM104Jsim -- South -- Top -- FM010
Entries 982530
Unused

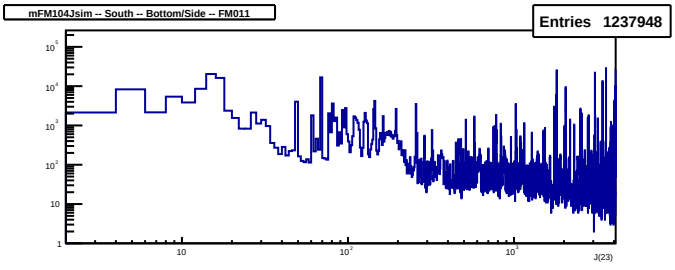

mFM104JP -- South -- Top -- FM010
Entries 1.091334e+07

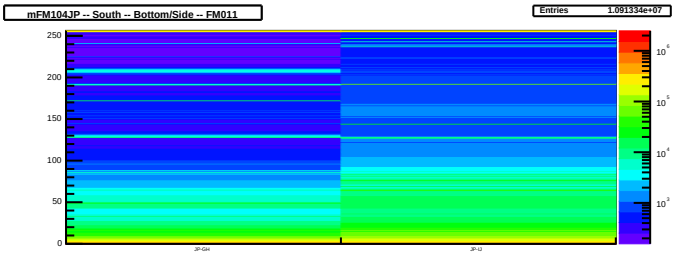

mFM104JPsim -- South -- Top -- FM010
Entries 2204319

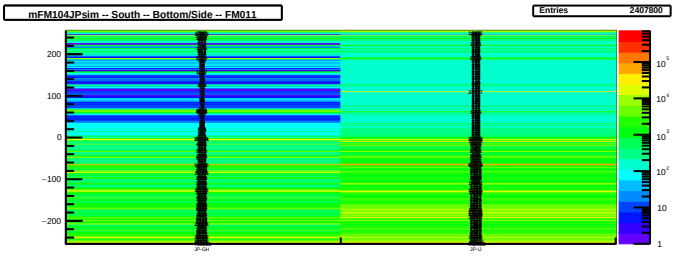

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.182668e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4247809


mFM104J -- South -- Bottom/Side -- FM011
Entries 5456671
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1237948
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.091334e+07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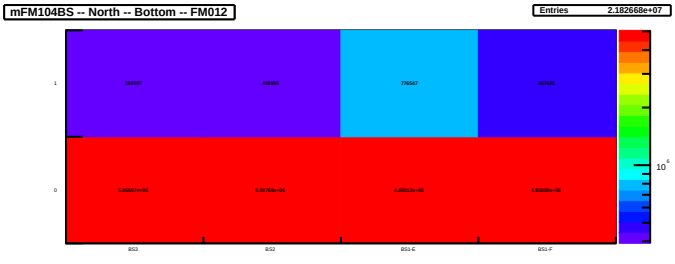
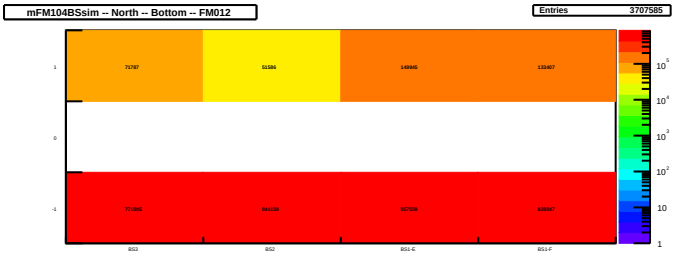
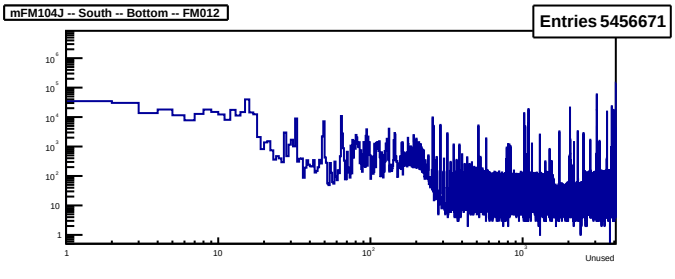
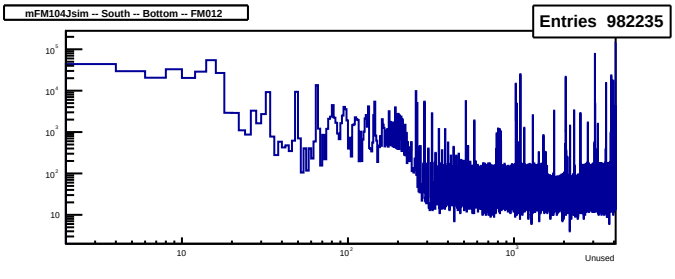
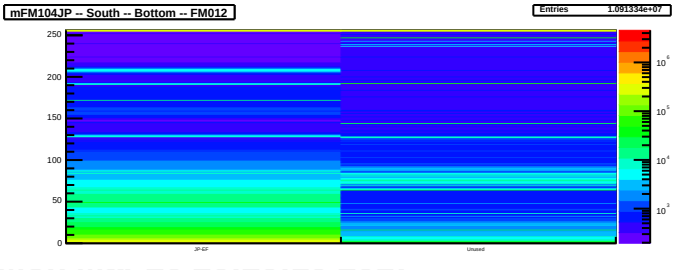
Entries 2407800

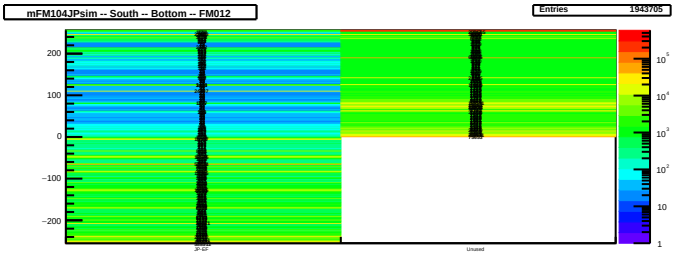

mFM104BS -- North -- Bottom -- FM012
Entries 2.182668e+07

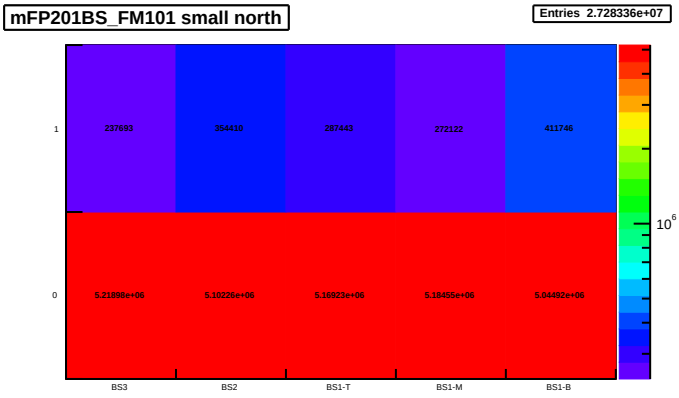

mFM104BSsim -- North -- Bottom -- FM012
Entries 3707585

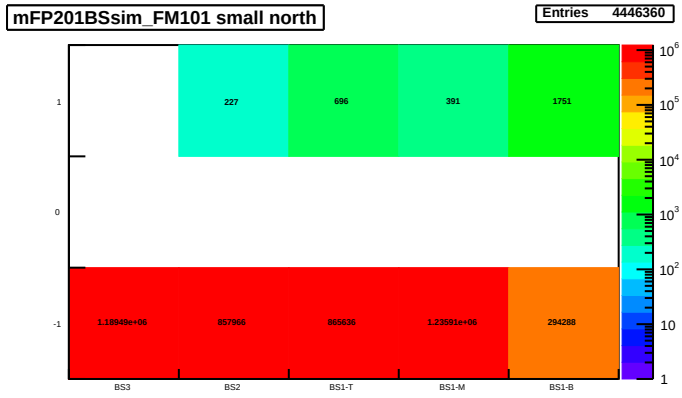

mFM104J -- South -- Bottom -- FM012
Entries 5456671
Unused

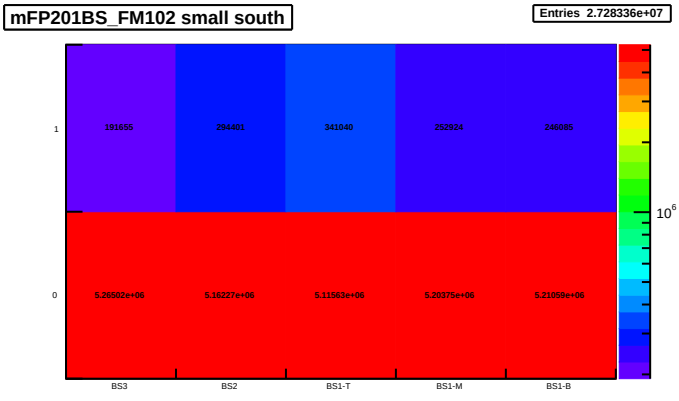

mFM104Jsim -- South -- Bottom -- FM012
Entries 982235
Unused

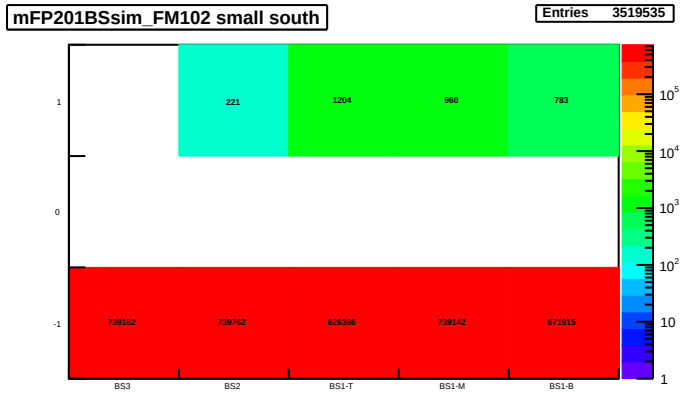

mFM104JP -- South -- Bottom -- FM012
Entries 1.091334e+07

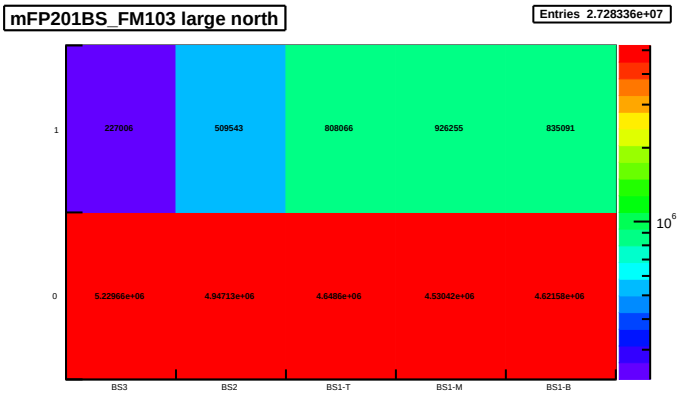

mFM104JPsim -- South -- Bottom -- FM012
Entries 1943705

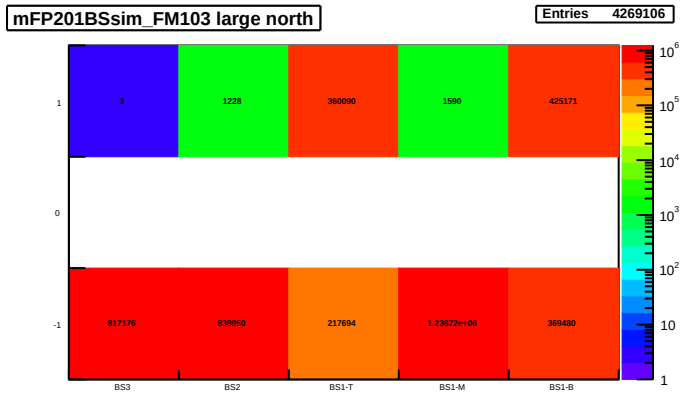

mFP201BS_FM101 small north
Entries 2.728336e+07
237693
354410
287443
272122
411746
5.21898e+06
5.10226e+06
5.16923e+06
5.18455e+06
5.04492e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

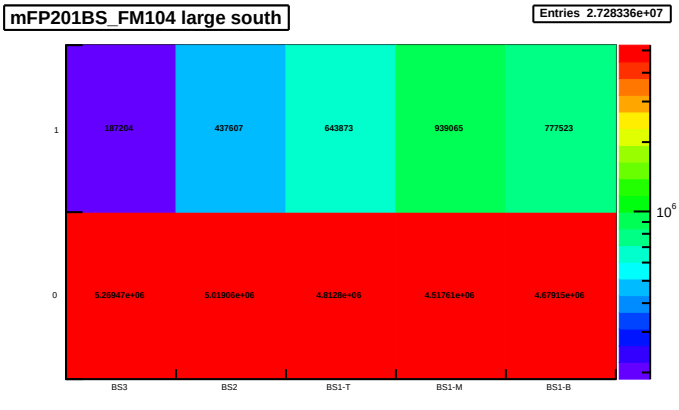

mFP201BSsim_FM101 small north
Entries 4446360
227
696
391
1751
1.18949e+06
857966
865636
1.23591e+06
294288
BS3
BS2
BS1-T
BS1-M
BS1-B

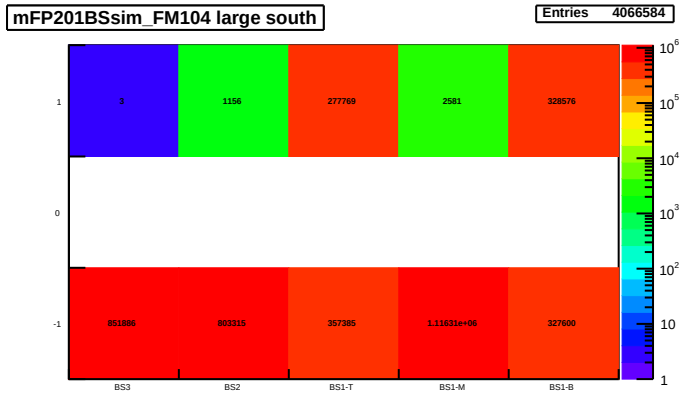

mFP201BS_FM102 small south
Entries 2.728336e+07
191655
294401
341040
252024
246085
5.26502e+06
5.16227e+06
5.11563e+06
5.20375e+06
5.21059e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

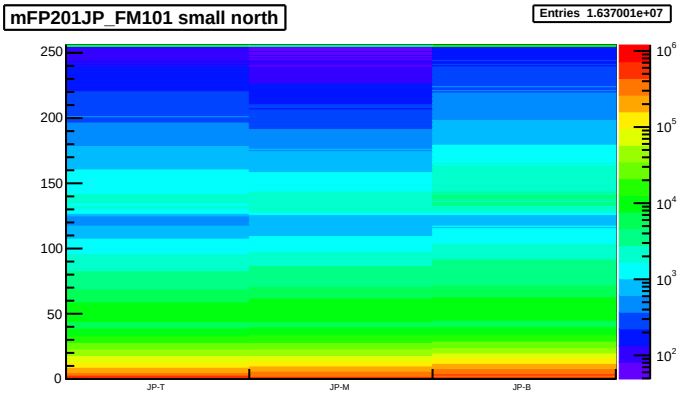

mFP201BSsim_FM102 small south
Entries 3519535
221
1204
960
783
739162
739762
626386
739142
671915
BS3
BS2
BS1-T
BS1-M
BS1-B

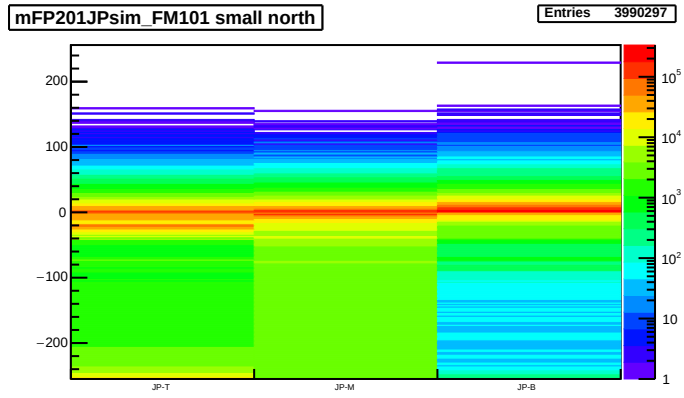

mFP201BS_FM103 large north
Entries 2.728336e+07
227006
509543
808066
926255
835091
5.22966e+06
4.94713e+06
4.6486e+06
4.53042e+06
4.62158e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

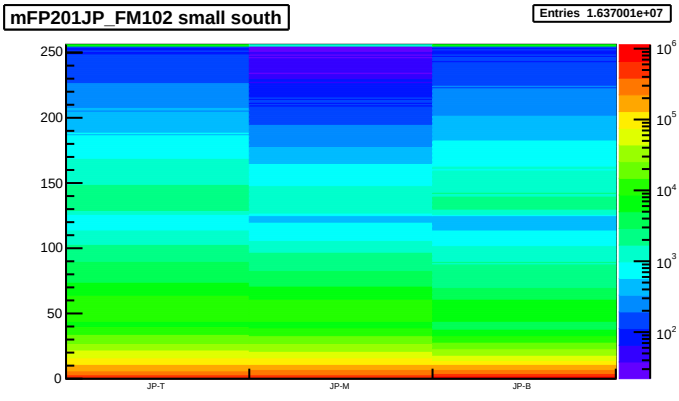

mFP201BSsim_FM103 large north
Entries 4269106
3
1228
360090
1590
425171
817176
839950
217694
1.23672e+06
369480
BS3
BS2
BS1-T
BS1-M
BS1-B

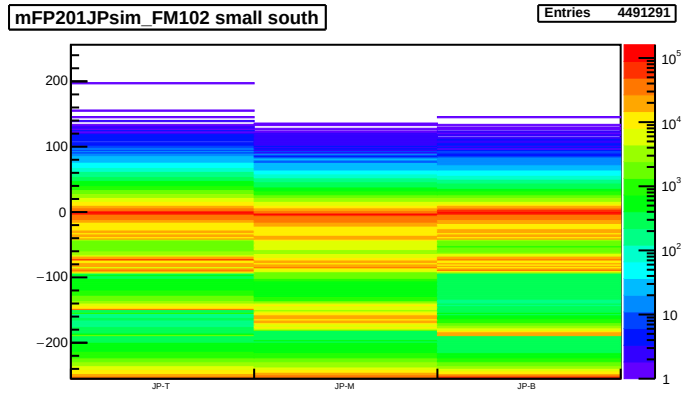

mFP201BS_FM104 large south
Entries 2.728336e+07
187204
437607
643873
939065
777523
5.26947e+06
5.01906e+06
4.8128e+06
4.51761e+06
4.67915e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

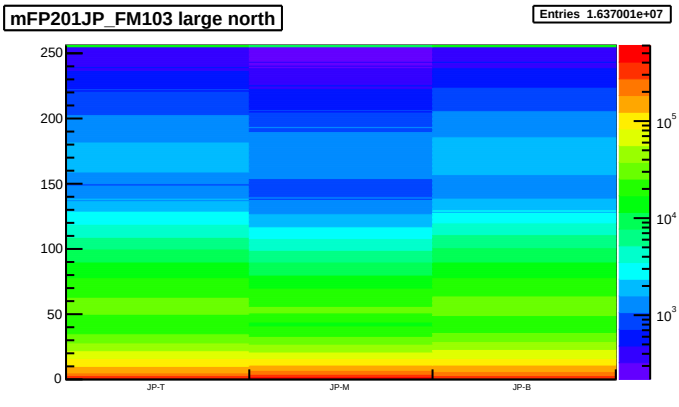

mFP201BSsim_FM104 large south
Entries 4066584
3
1156
277769
2581
328576
851886
803315
357385
1.11631e+06
327600
BS3
BS2
BS1-T
BS1-M
BS1-B

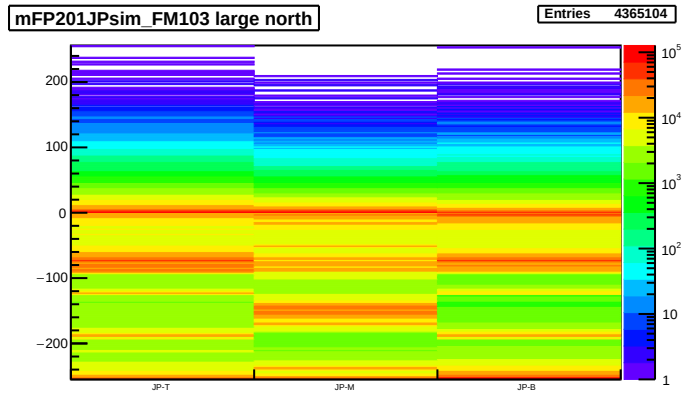

mFP201JP_FM101 small north
Entries 1.637001e+07
JP-T
JP-M
JP-B

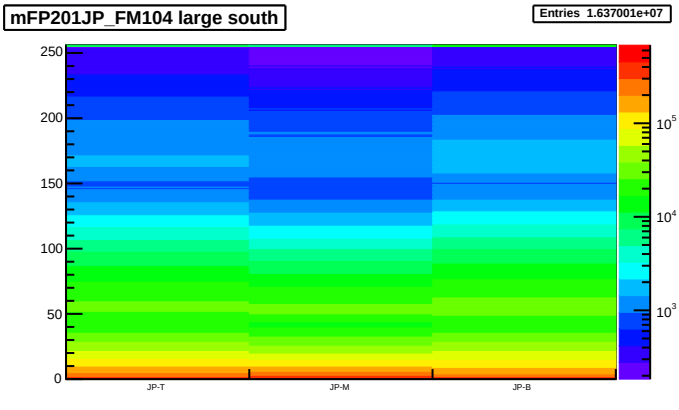

mFP201JPsim_FM101 small north
Entries 3990297
JP-T
JP-M
JP-B

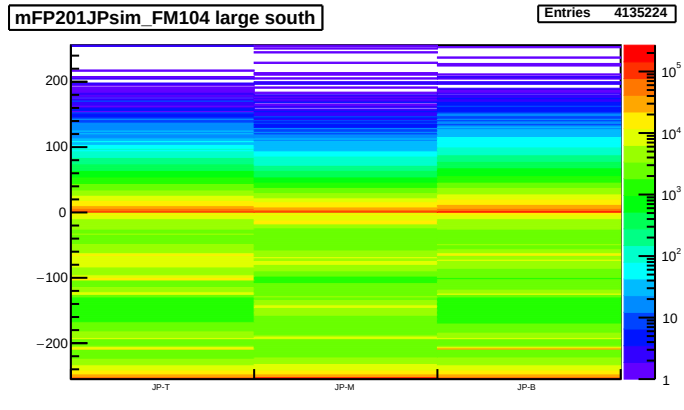

mFP201JP_FM102 small south
Entries 1.637001e+07
JP-T
JP-M
JP-B

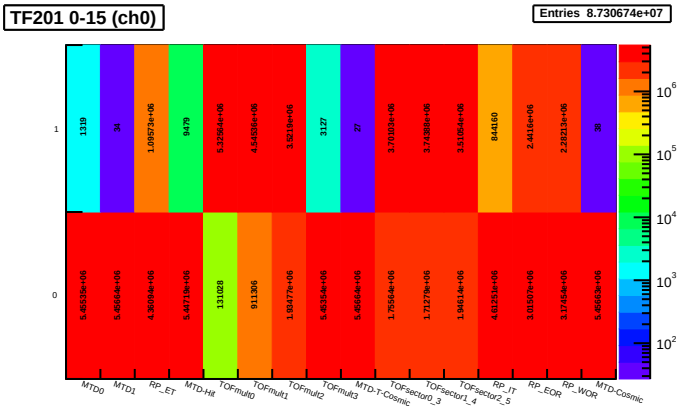

mFP201JPsim_FM102 small south
Entries 4491291
JP-T
JP-M
JP-B

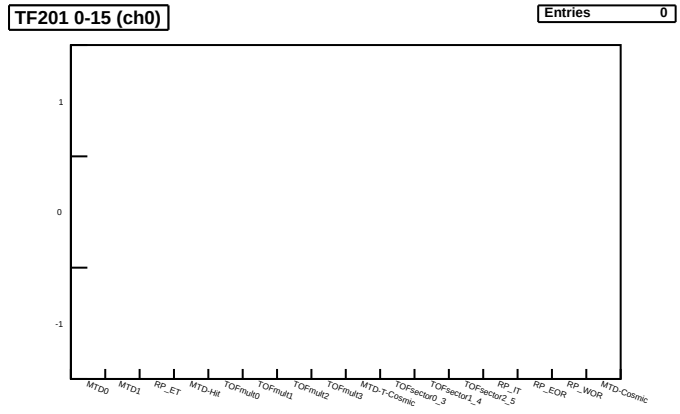

mFP201JP_FM103 large north
Entries 1.637001e+07
JP-T
JP-M
JP-B

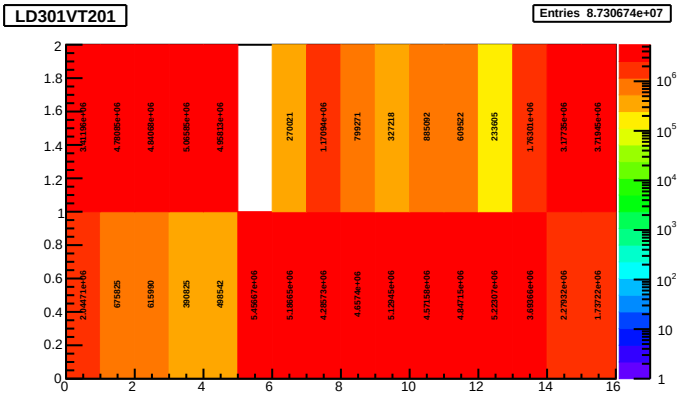

mFP201JPsim_FM103 large north
Entries 4365104
JP-T
JP-M
JP-B

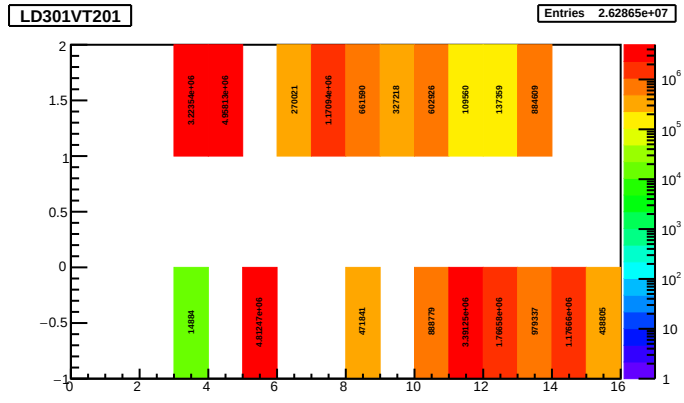

mFP201JP_FM104 large south
Entries 1.637001e+07
JP-T
JP-M
JP-B

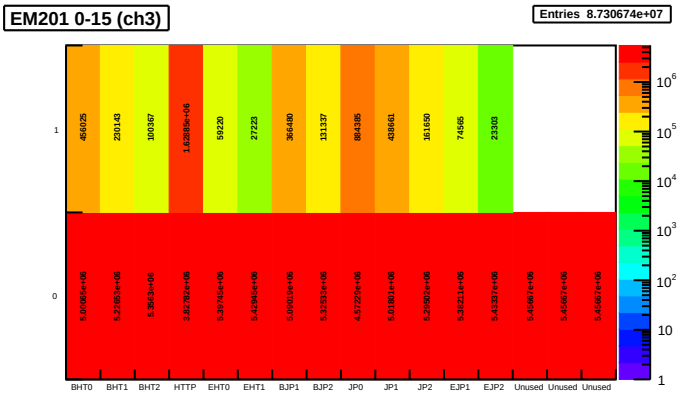

mFP201JPsim_FM104 large south
Entries 4135224
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 8.730674e+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 8.730674e+07


LD301VT201
Entries 2.62865e+07


EM201 0-15 (ch3)
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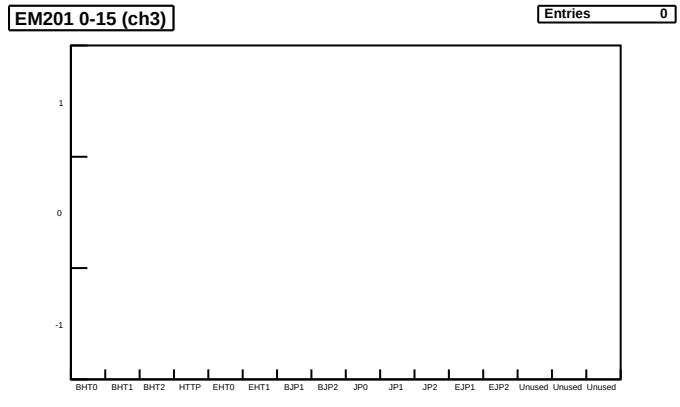
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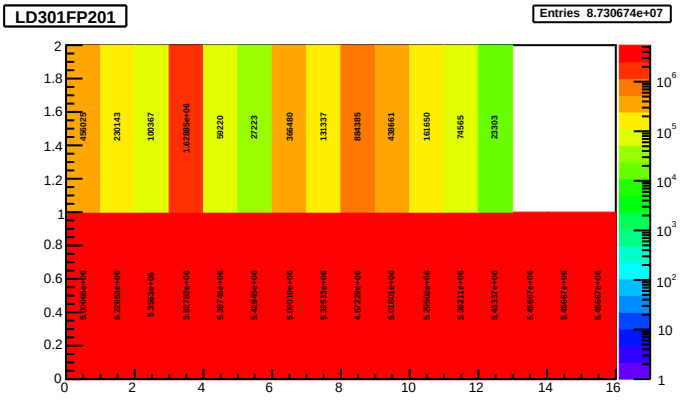
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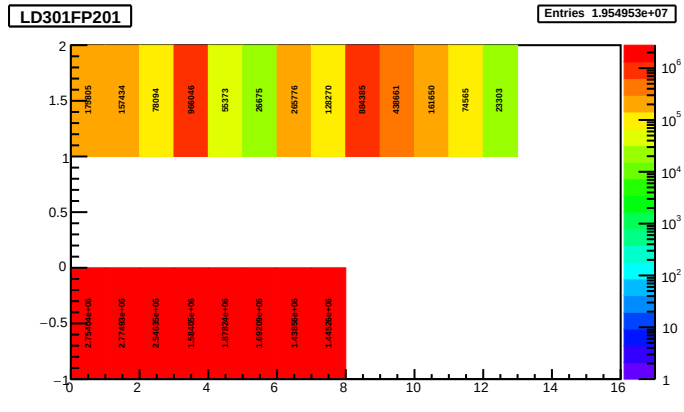
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