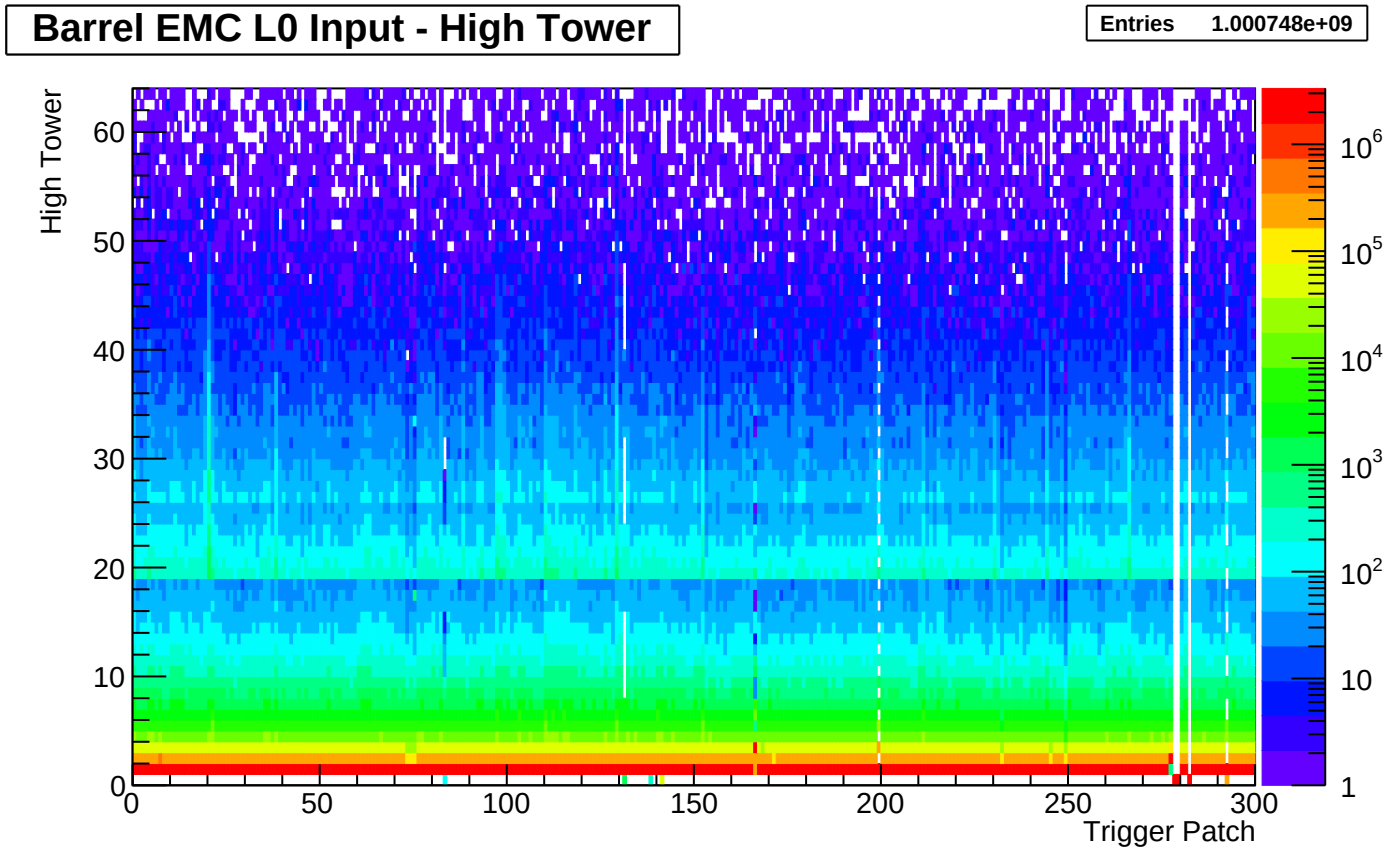
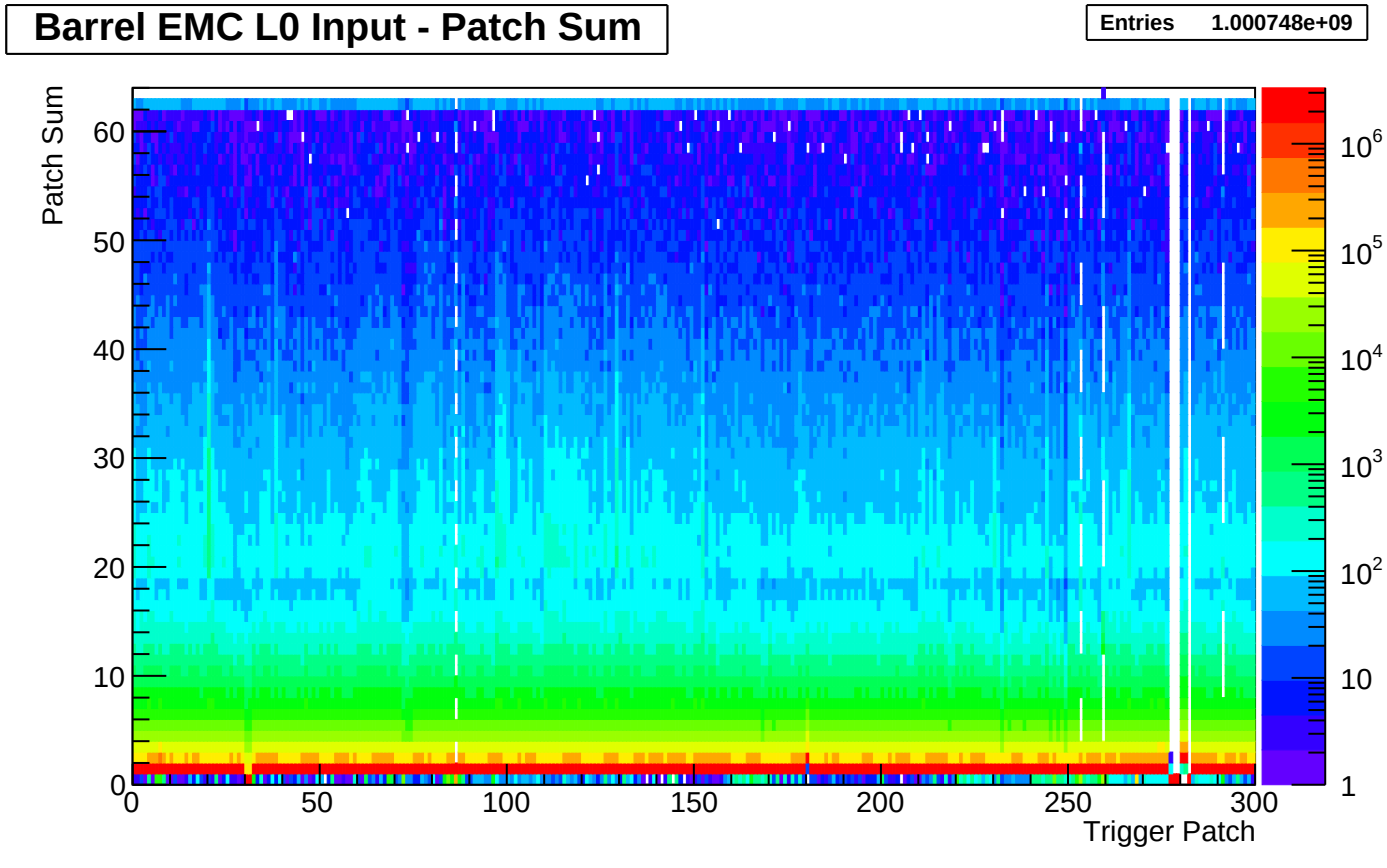
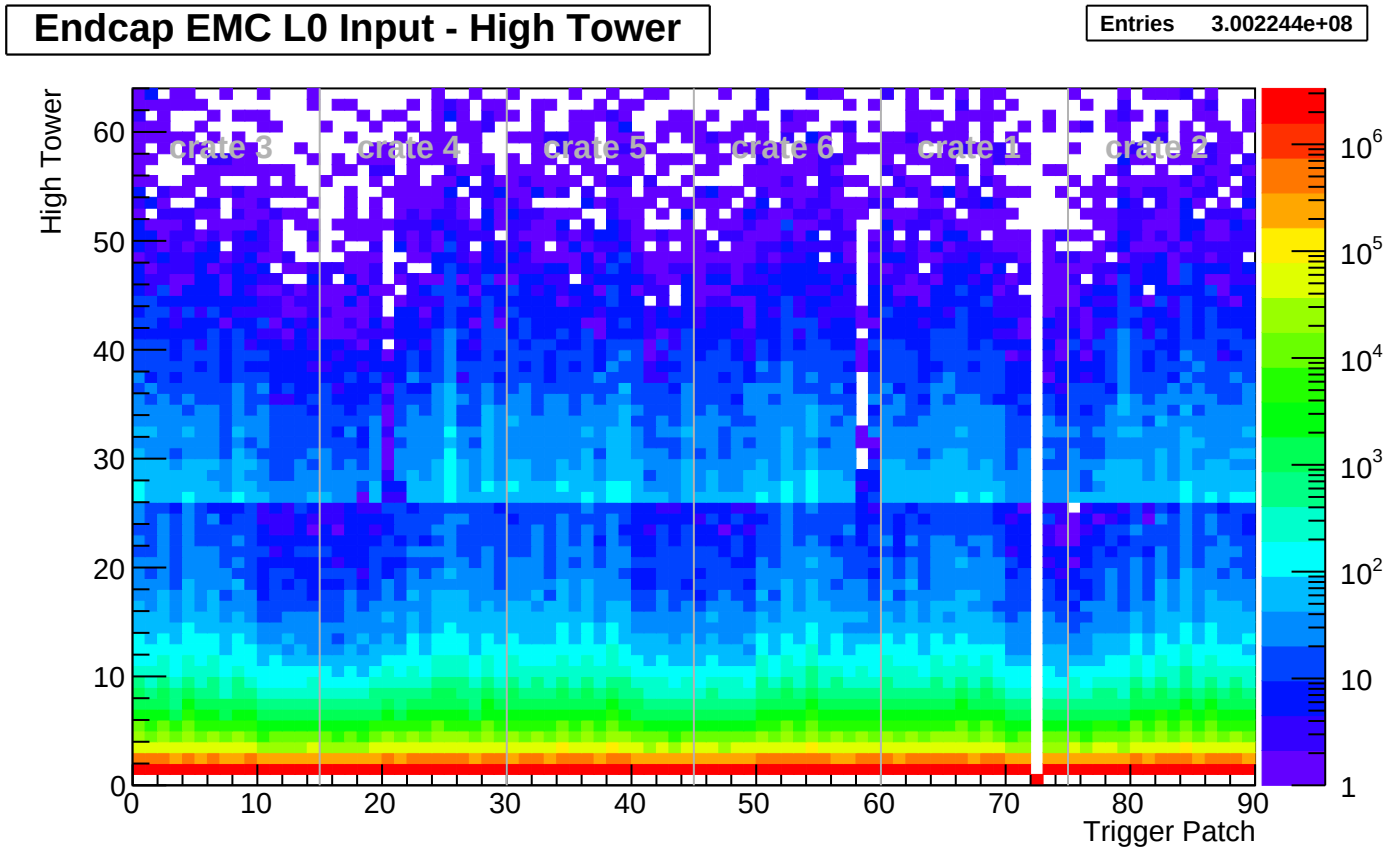
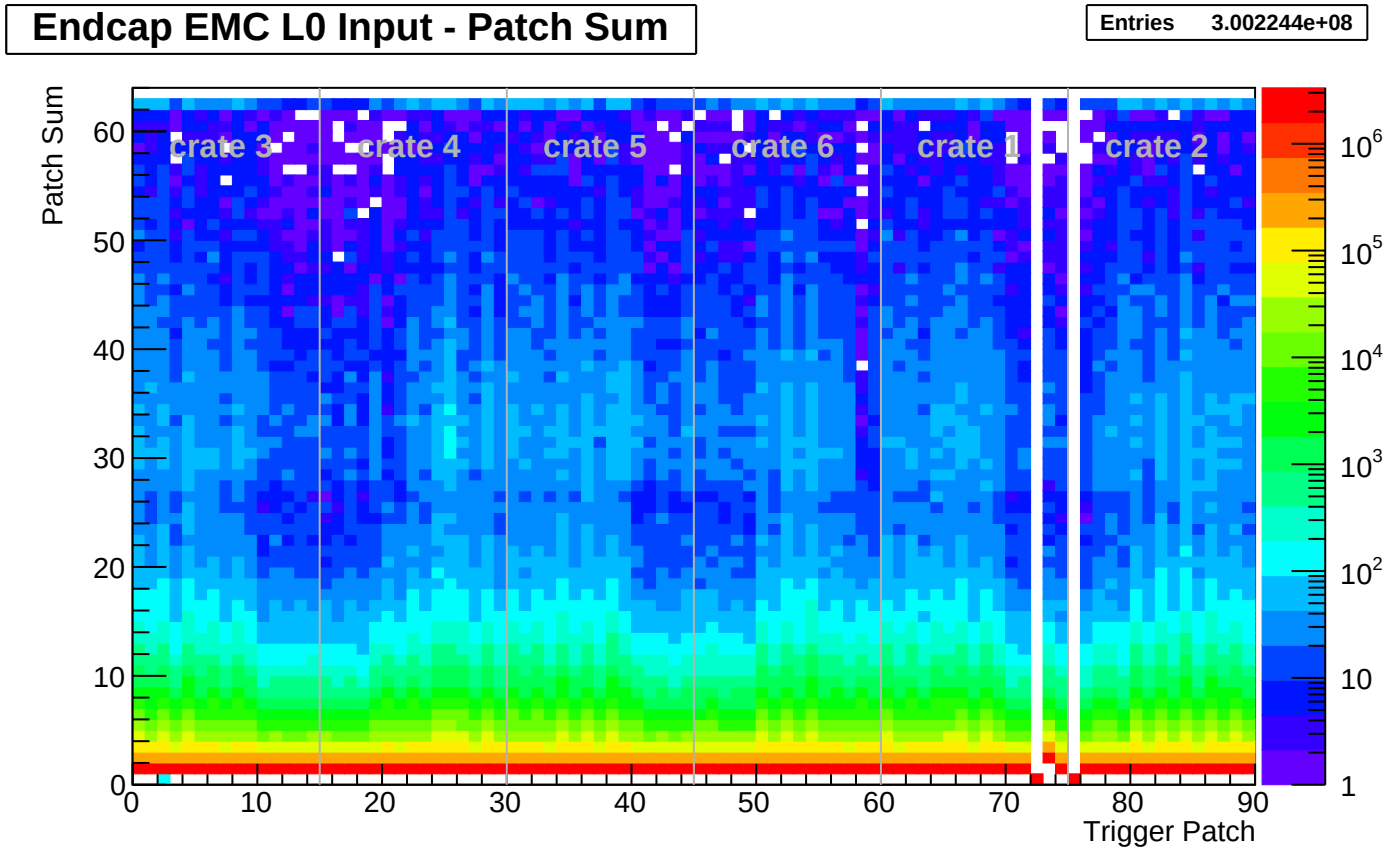
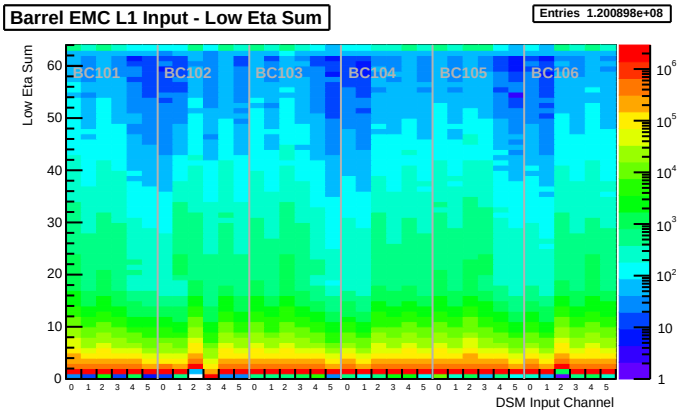
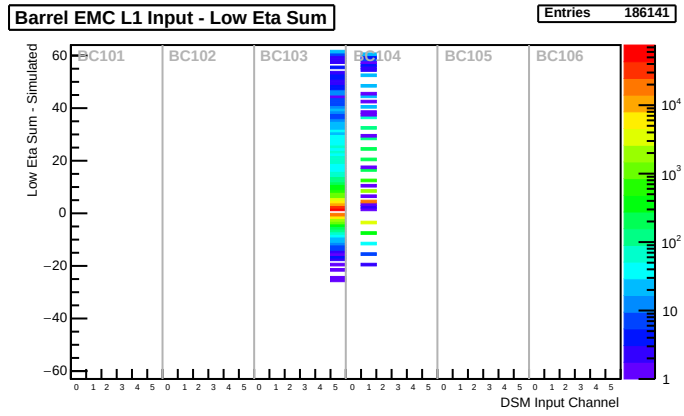

Barrel EMC L0 Input - High Tower
Entries 1.000748e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

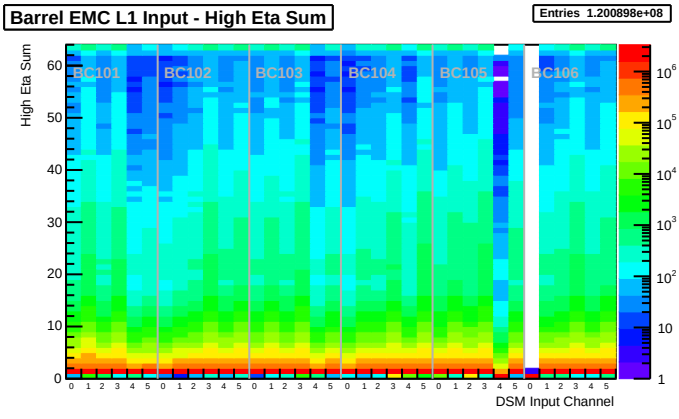

Barrel EMC L0 Input - Patch Sum
Entries 1.000748e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

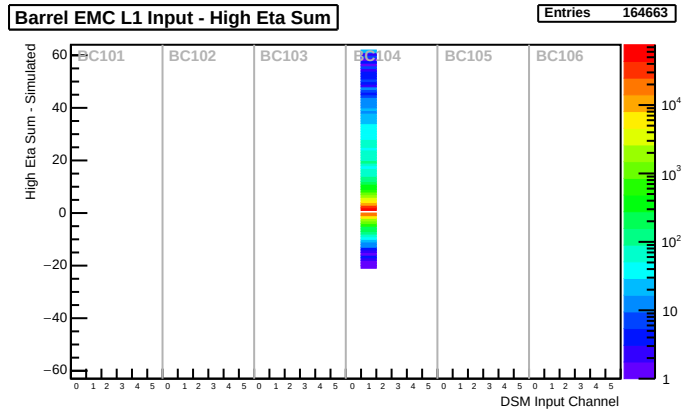

Endcap EMC L0 Input - High Tower
Entries 3.002244e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

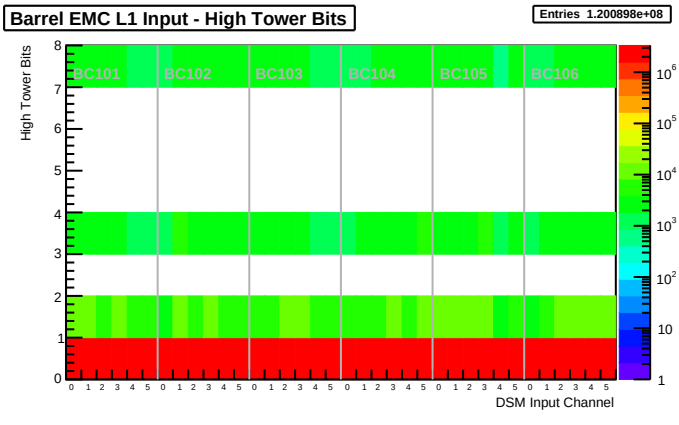

Endcap EMC L0 Input - Patch Sum
Entries 3.002244e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

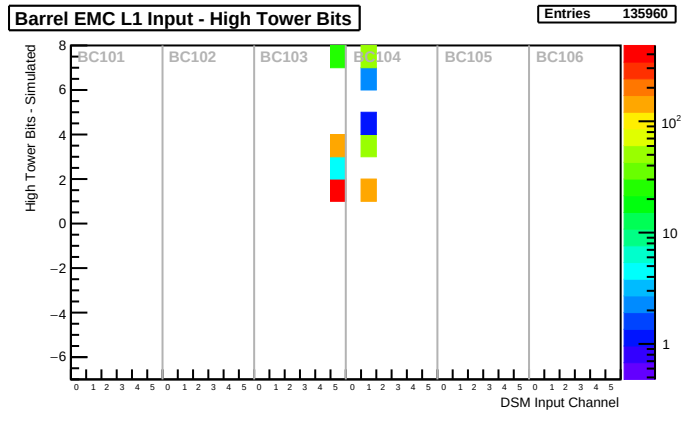

Barrel EMC L1 Input - Low Eta Sum
Entries 1.200898e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

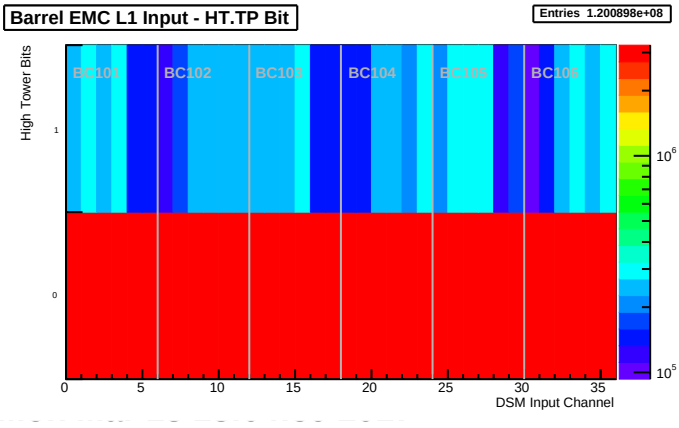

Barrel EMC L1 Input - Low Eta Sum
Entries 186141
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

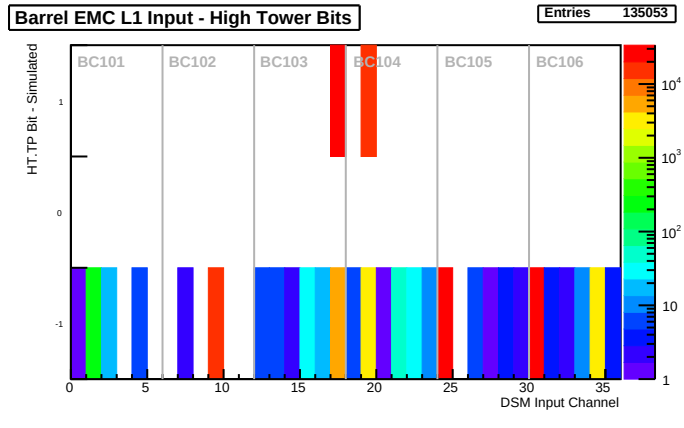

Barrel EMC L1 Input - High Eta Sum
Entries 1.200898e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

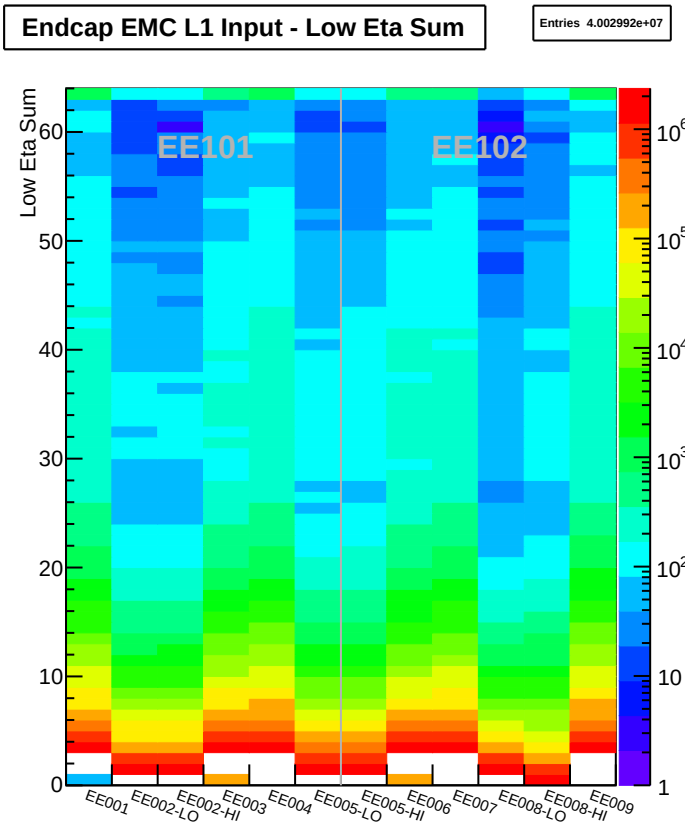

Barrel EMC L1 Input - High Eta Sum
Entries 164663
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

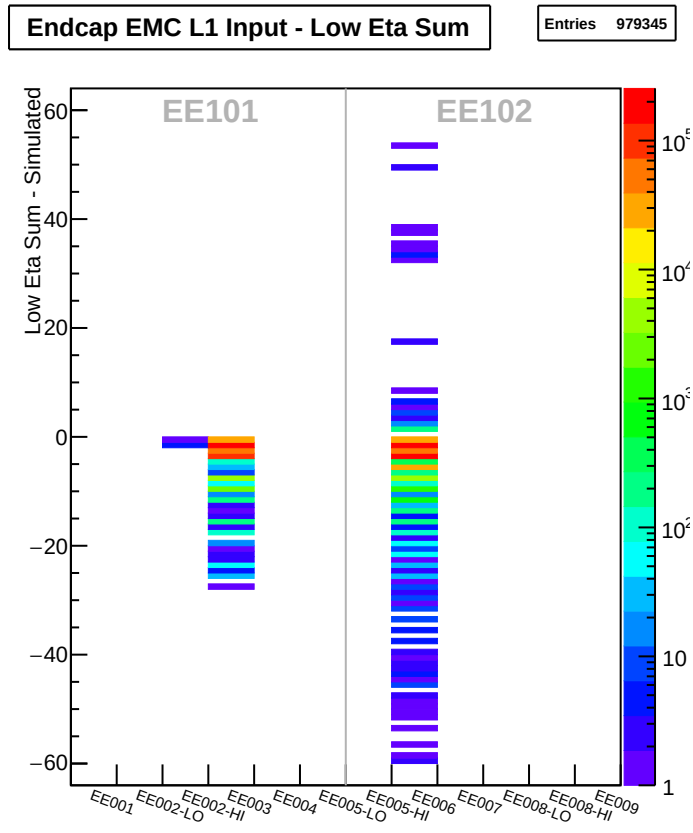

Barrel EMC L1 Input - High Tower Bits
Entries 1.200898e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

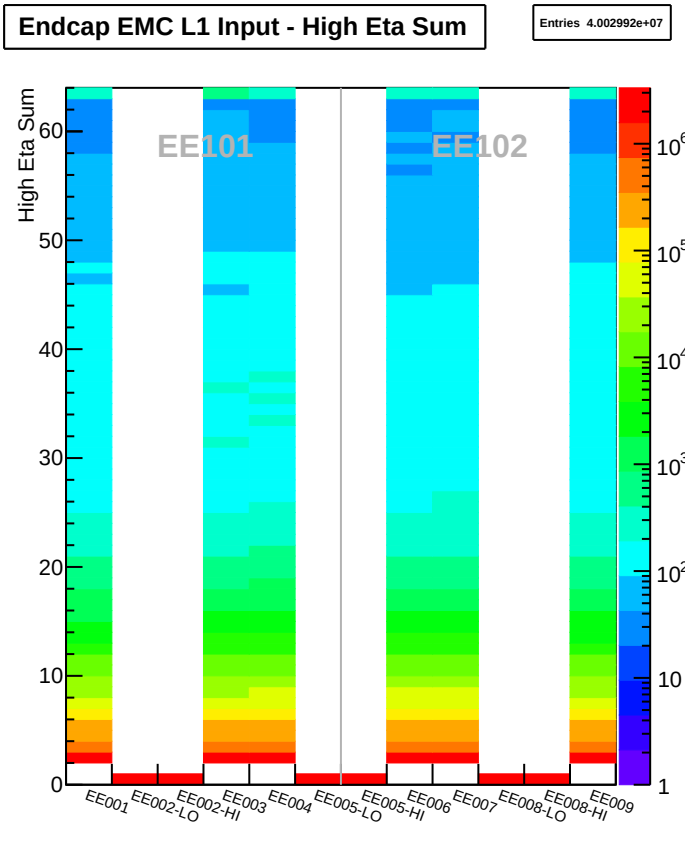

Barrel EMC L1 Input - High Tower Bits
Entries 135960
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

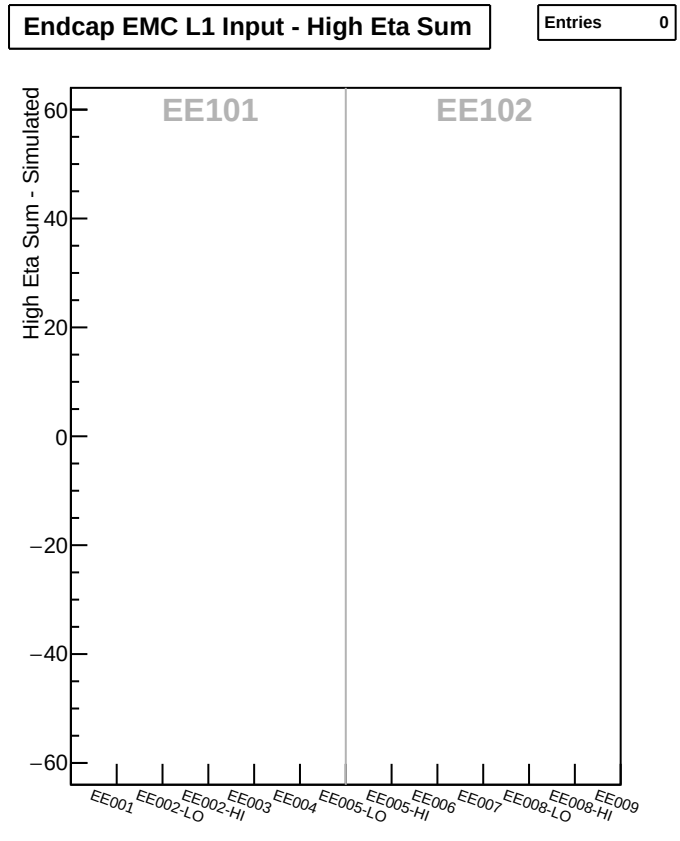

Barrel EMC L1 Input - HT.TP Bit
Entries 1.200898e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

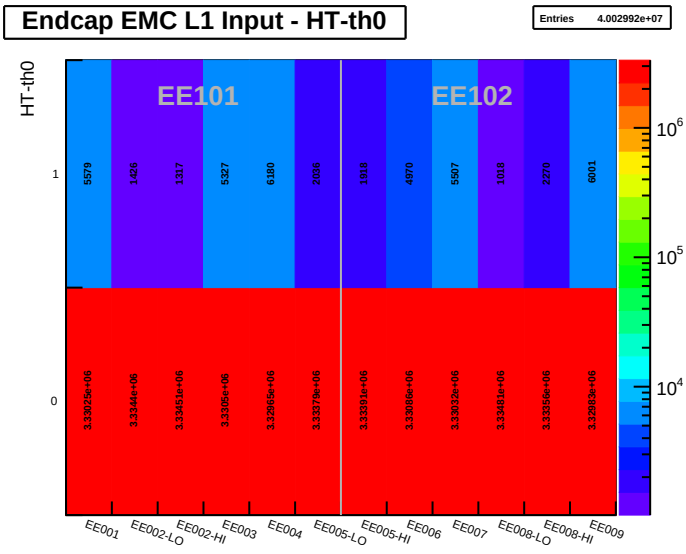

Barrel EMC L1 Input - High Tower Bits
Entries 135053
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

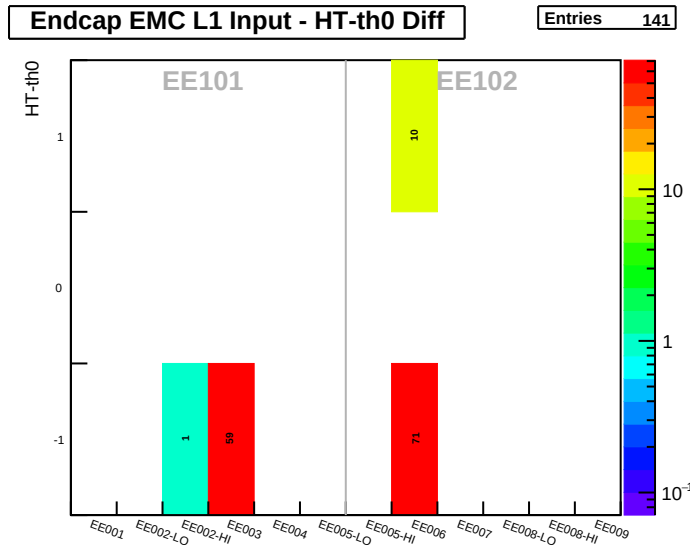

Endcap EMC L1 Input - Low Eta Sum
Entries 4.002992e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

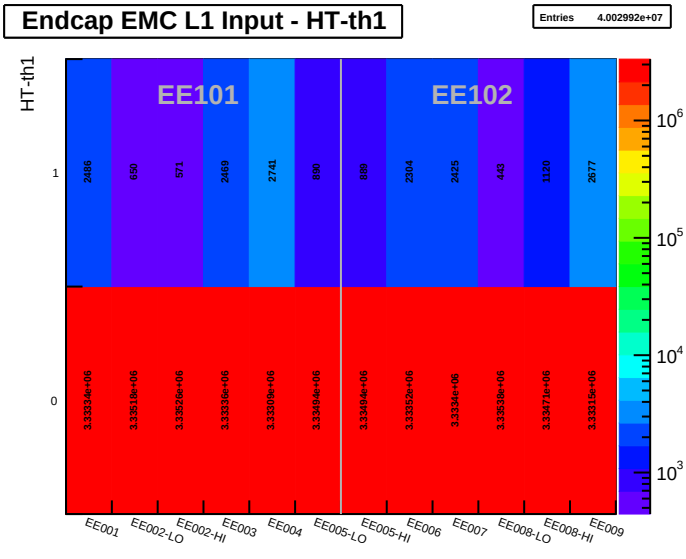

Endcap EMC L1 Input - Low Eta Sum
Entries 979345
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

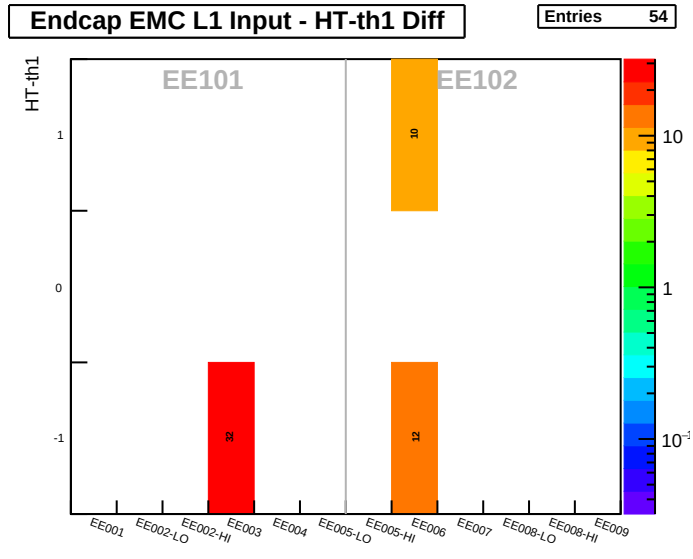

Endcap EMC L1 Input - High Eta Sum
Entries 4.002992e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

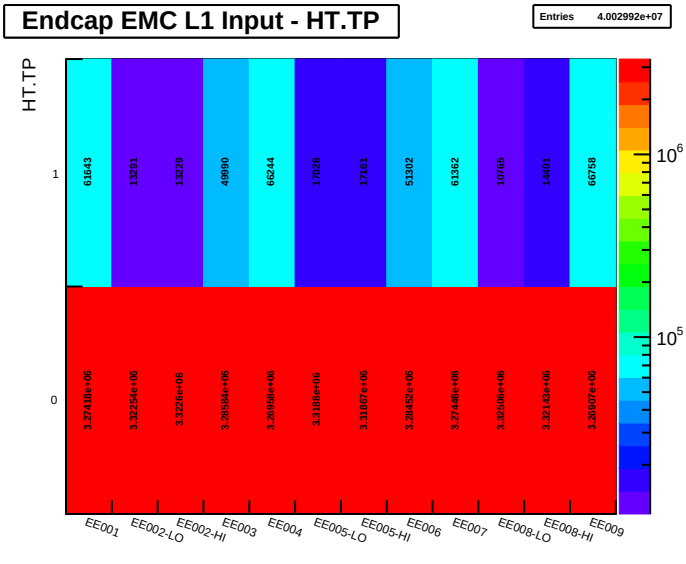

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

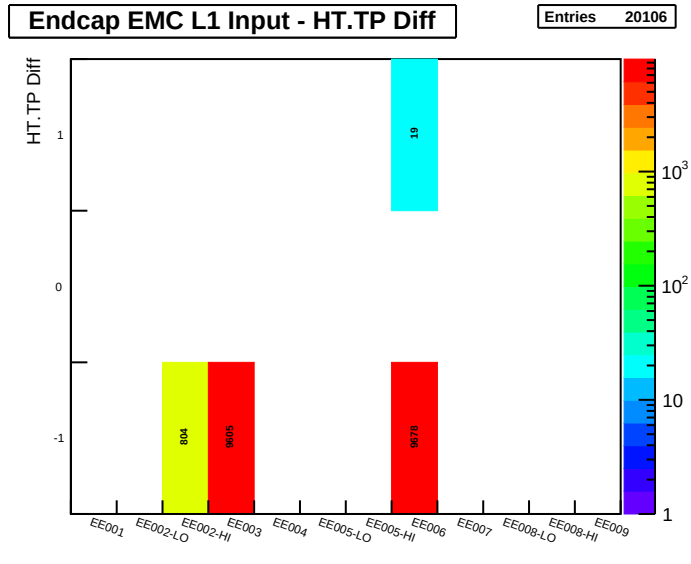

Endcap EMC L1 Input - HT-th0
Entries 4.002992e+07
HT-th0
EE101
EE102
1
0
5579
1426
1317
5327
6180
2036
1918
4970
5907
1018
2270
6001
3.33025e+06
3.3344e+06
3.33451e+06
3.3305e+06
3.32965e+06
3.33379e+06
3.33391e+06
3.33086e+06
3.33032e+06
3.33481e+06
3.33356e+06
3.32983e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4

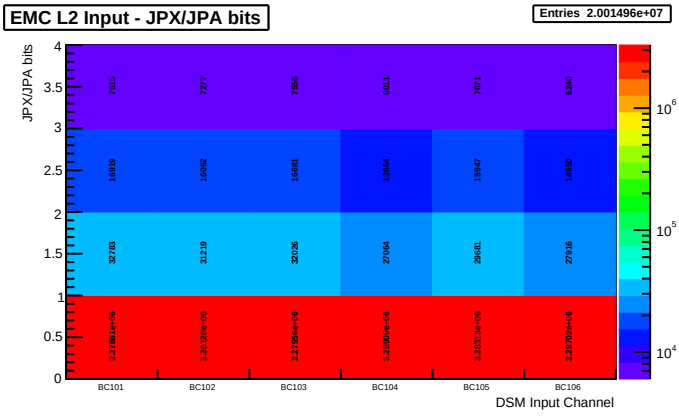

Endcap EMC L1 Input - HT-th0 Diff
Entries 141
HT-th0
EE101
EE102
1
0
-1
10
1
59
71
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10
1
10^{-1}

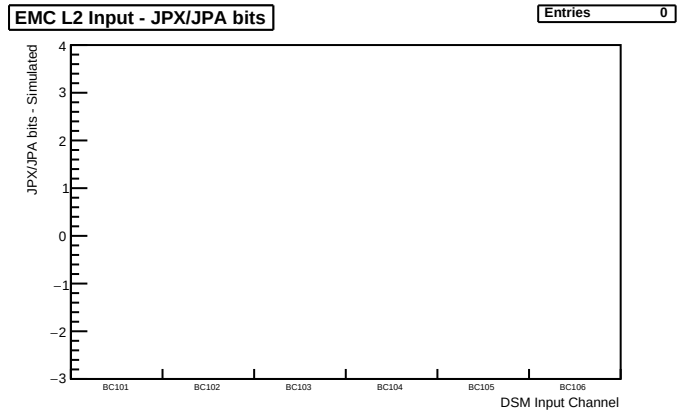

Endcap EMC L1 Input - HT-th1
Entries 4.002992e+07
HT-th1
EE101
EE102
1
0
2486
650
571
2469
2741
890
888
2304
2425
443
1120
2677
3.33334e+06
3.33518e+06
3.33526e+06
3.33336e+06
3.33309e+06
3.33494e+06
3.33494e+06
3.33352e+06
3.3334e+06
3.33538e+06
3.33471e+06
3.33315e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4
10^3

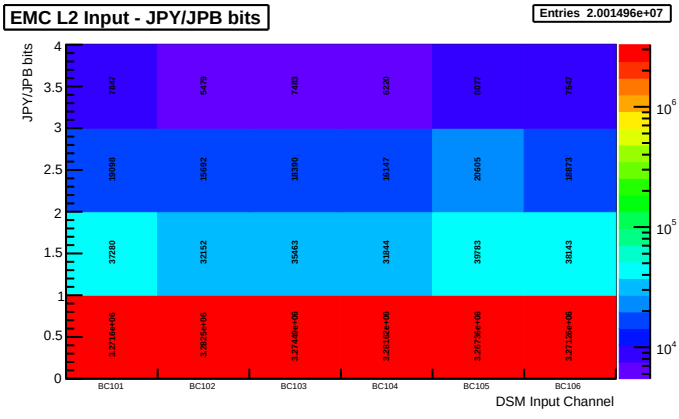

Endcap EMC L1 Input - HT-th1 Diff
Entries 54
HT-th1
EE101
EE102
1
0
-1
10
32
12
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10
1
10^{-1}

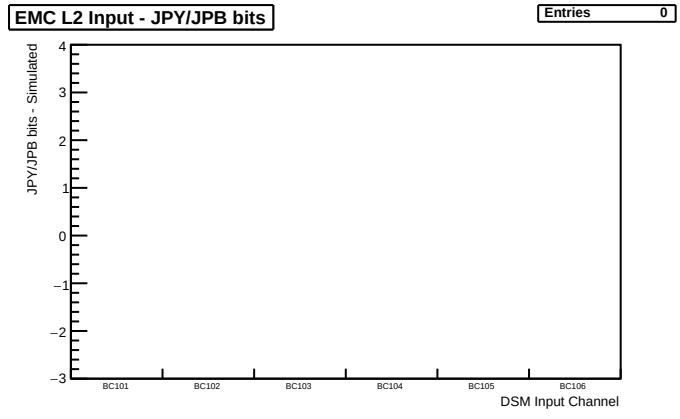

Endcap EMC L1 Input - HT.TP
Entries 4.002992e+07
HT.TP
1
0
61643
13291
13229
49990
66244
17028
17161
51302
61362
10765
14401
66758
3.27418e+06
3.32254e+06
3.3226e+06
3.29594e+06
3.26958e+06
3.3188e+06
3.31867e+06
3.28452e+06
3.27446e+06
3.32506e+06
3.32143e+06
3.26907e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5

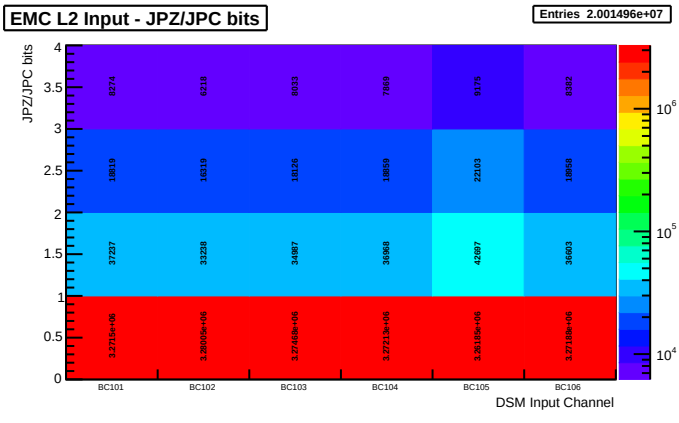

Endcap EMC L1 Input - HT.TP Diff
Entries 20106
HT.TP Diff
1
0
-1
19
804
9605
9678
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^3
10^2
10
1

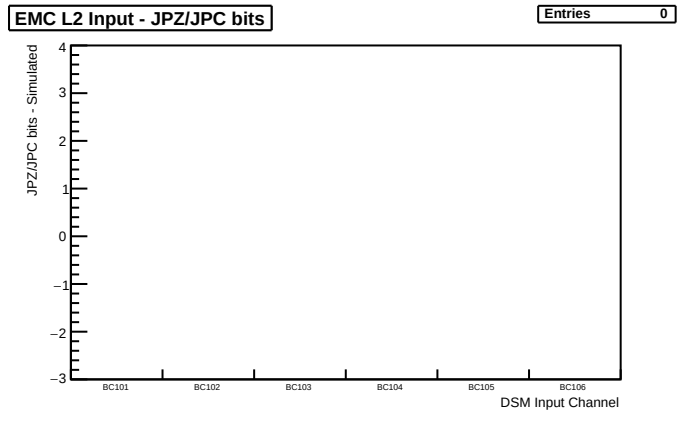

EMC L2 Input - JPX/JPA bits
Entries 2.001496e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
7515
7277
7556
6011
7071
6240
16919
16952
16681
13864
15947
14650
32783
31219
32026
27064
29681
27916
3.27861e+06
3.28328e+06
3.27956e+06
3.28909e+06
3.28313e+06
3.28702e+06

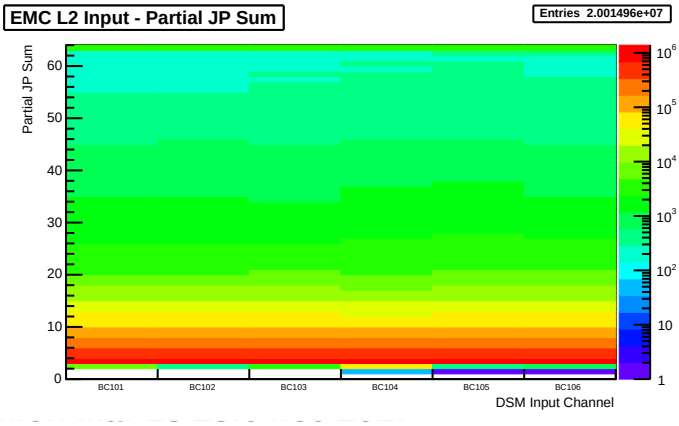

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

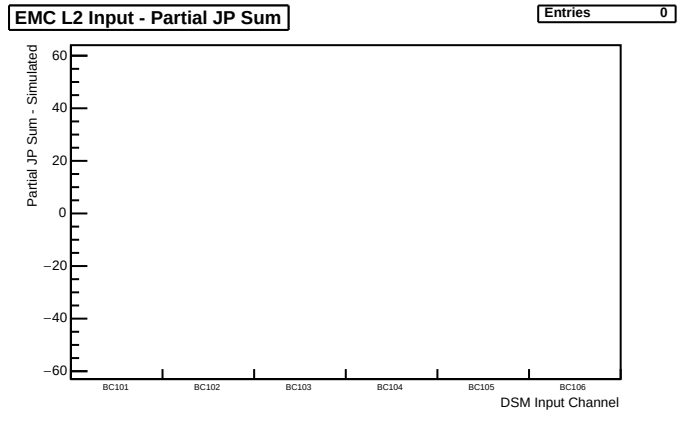

EMC L2 Input - JPY/JPB bits
Entries 2.001496e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
7347
5479
7483
6220
8077
7547
15098
15692
16390
16147
20605
18973
37280
32152
35463
31844
39783
38143
3.27164e+06
3.28254e+06
3.27148e+06
3.28182e+06
3.26736e+06
3.27128e+06

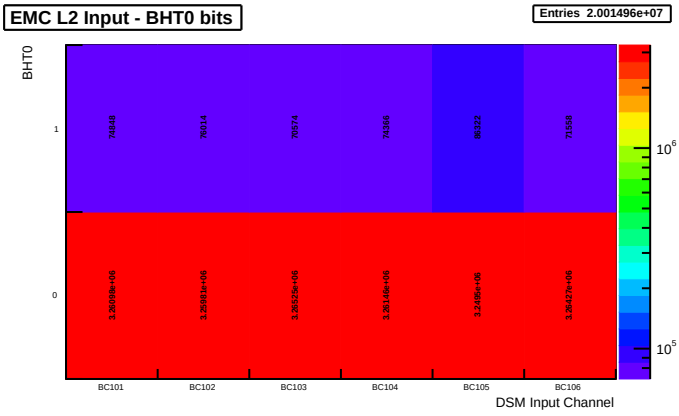

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

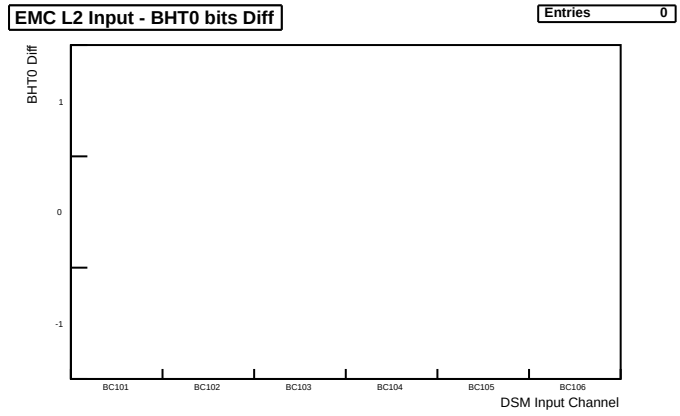

EMC L2 Input - JPZ/JPC bits
Entries 2.001496e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8274
6218
8033
7869
9175
8382
18819
16319
18326
18859
22103
18858
37237
33238
34987
36968
42987
36603
3.27154e+06
3.28005e+06
3.27458e+06
3.27213e+06
3.28195e+06
3.27189e+06

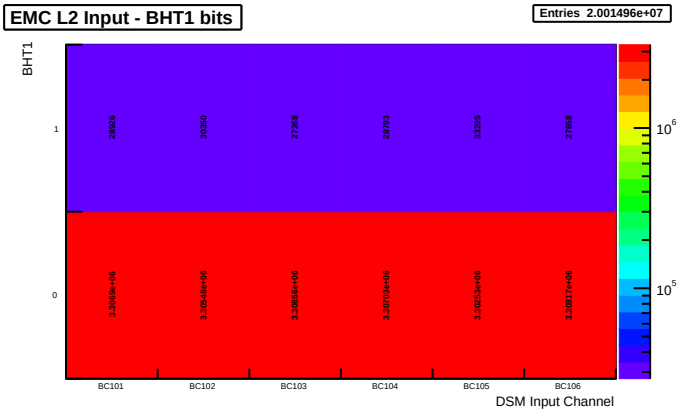

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

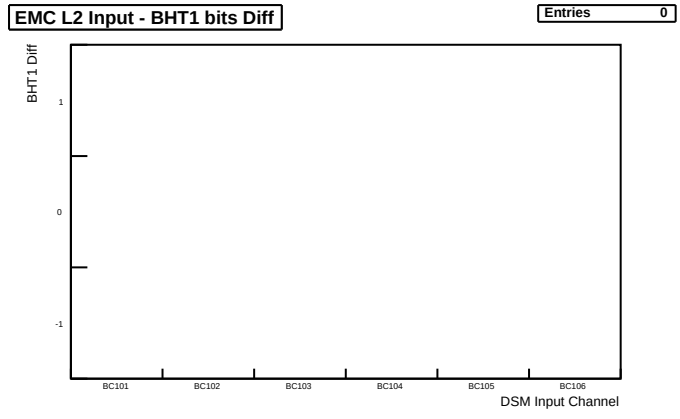

EMC L2 Input - Partial JP Sum
Entries 2.001496e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

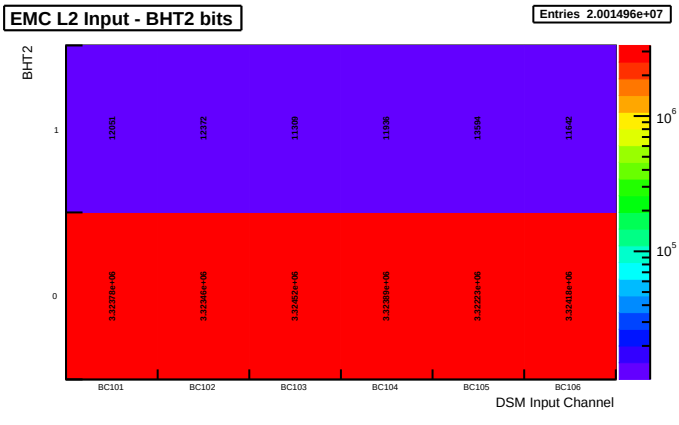

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

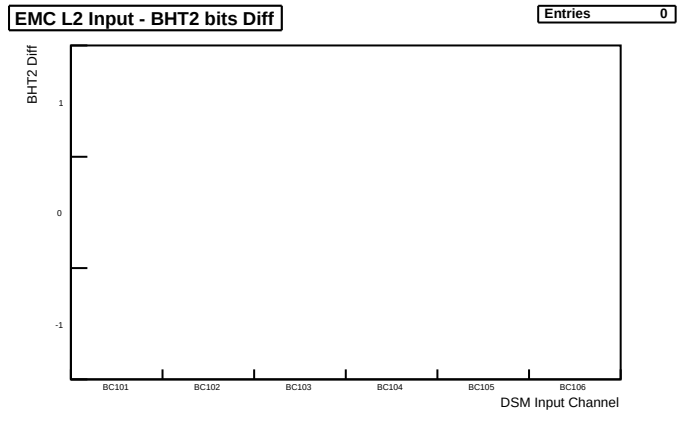

EMC L2 Input - BHT0 bits
Entries 2.001496e+07
BHT0
1
0
74948
76914
70574
74366
68522
71558
3.20998e+06
3.25081e+06
3.26529e+06
3.26146e+06
3.24954e+06
3.26427e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

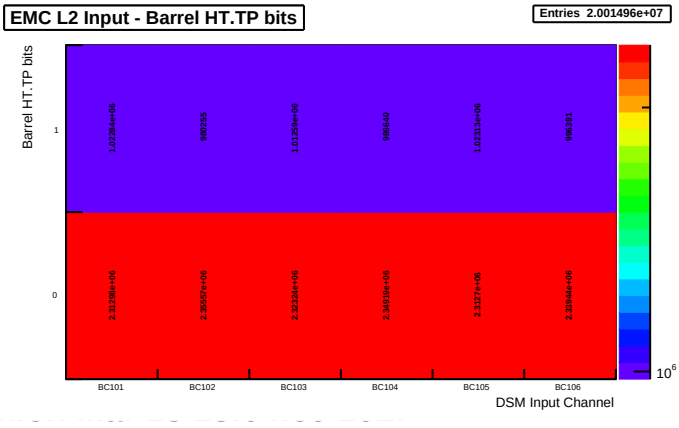

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

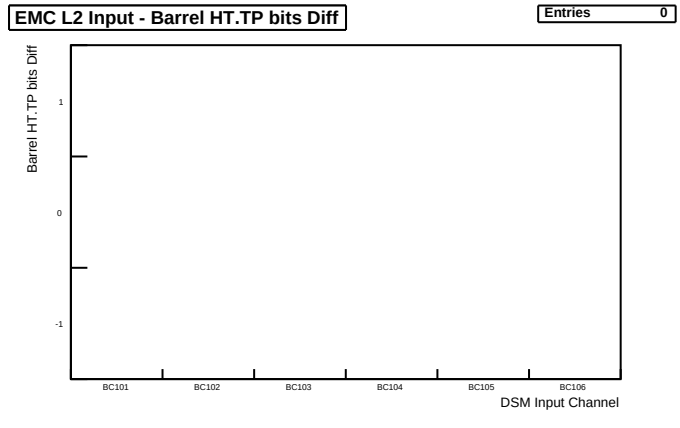

EMC L2 Input - BHT1 bits
Entries 2.001496e+07
BHT1
1
0
23826
30350
27258
23793
33295
27658
3.30098e+06
3.29548e+06
3.30556e+06
3.30703e+06
3.30253e+06
3.30817e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

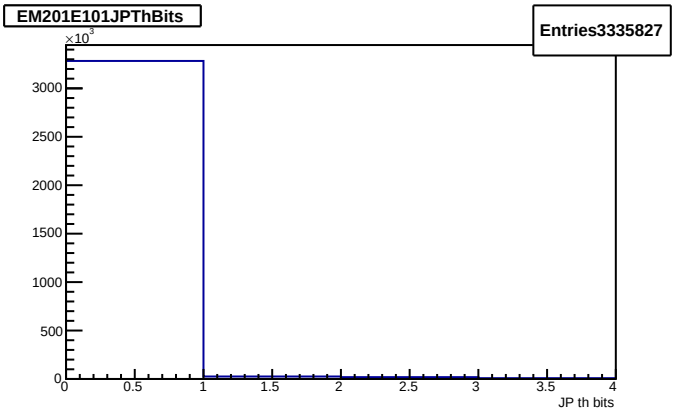

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

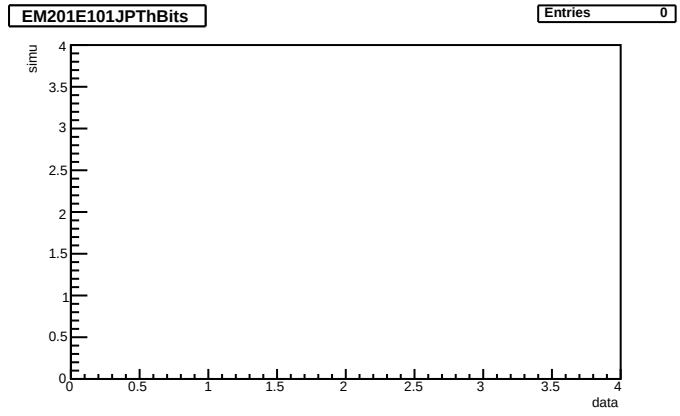

EMC L2 Input - BHT2 bits
Entries 2.001496e+07
BHT2
1
0
12051
12272
11309
11936
13594
11642
3.32379e+06
3.32345e+06
3.32452e+06
3.32389e+06
3.32223e+06
3.32018e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

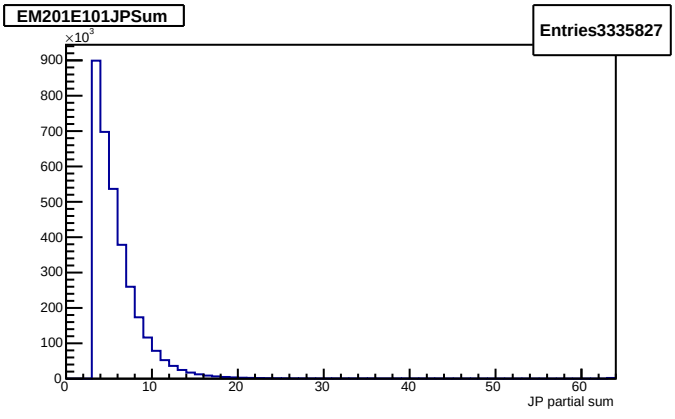

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

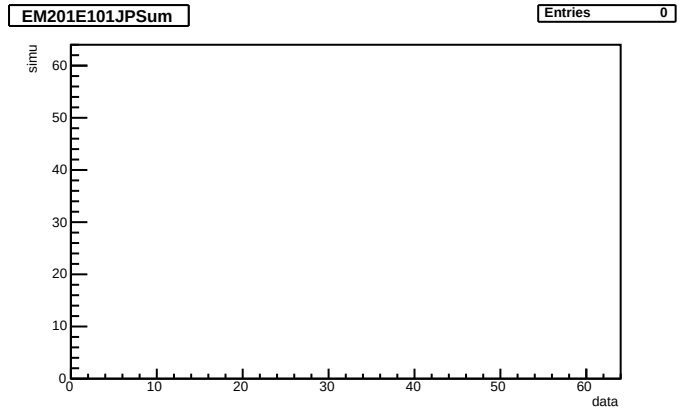

EMC L2 Input - Barrel HT.TP bits
Entries 2.001496e+07
Barrel HT.TP bits
1
0
1.02684e+06
990255
1.01259e+06
986640
1.02213e+06
996301
2.31238e+06
2.35597e+06
2.32324e+06
2.34015e+06
2.3127e+06
2.33944e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

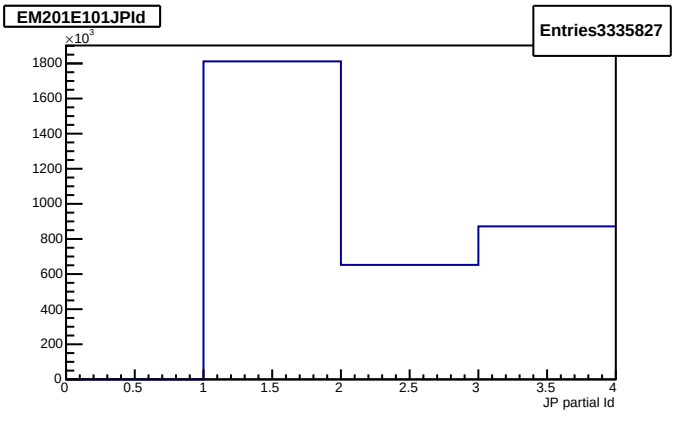

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

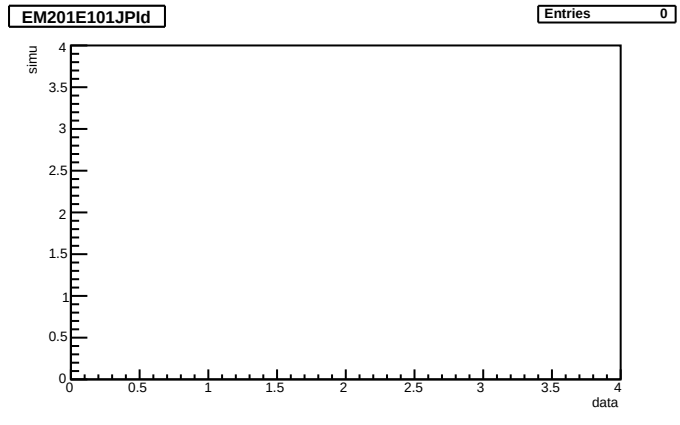

EM201E101JPThBits
Entries3335827
×10^3
JP th bits

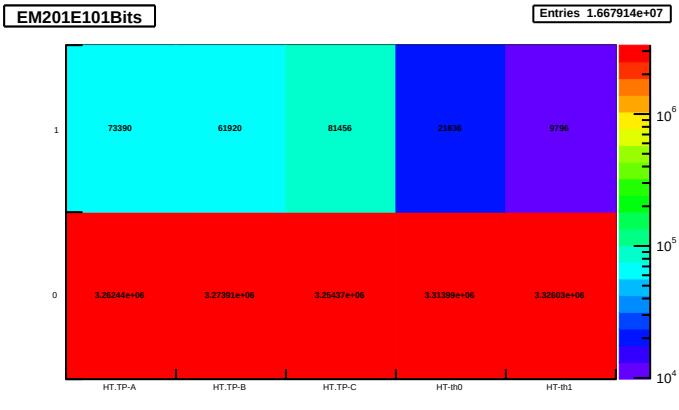

EM201E101JPThBits
Entries 0
simu
data

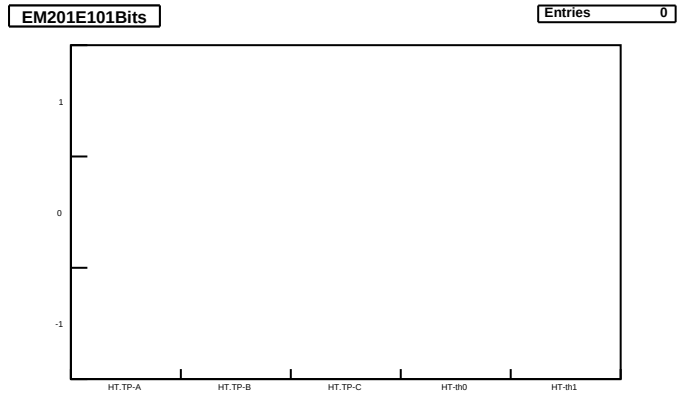

EM201E101JPSum
Entries3335827
×10^3
JP partial sum

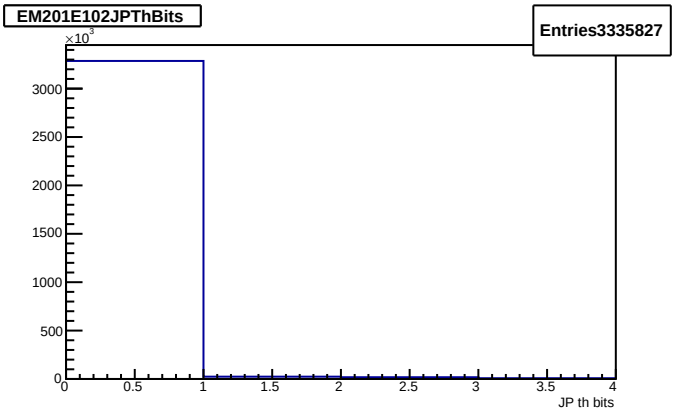

EM201E101JPSum
Entries 0
simu
data

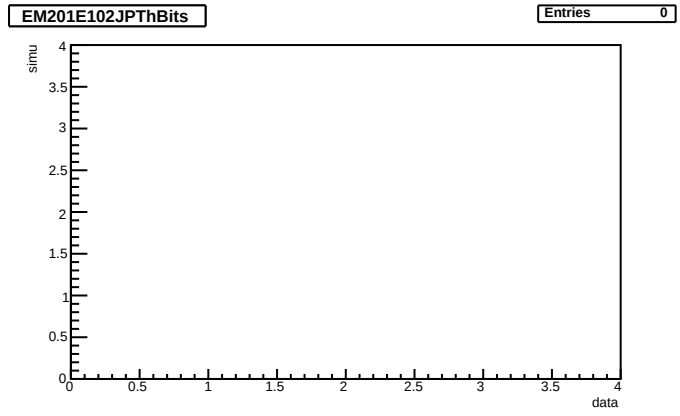

EM201E101JPId
Entries3335827
×10^3
JP partial Id

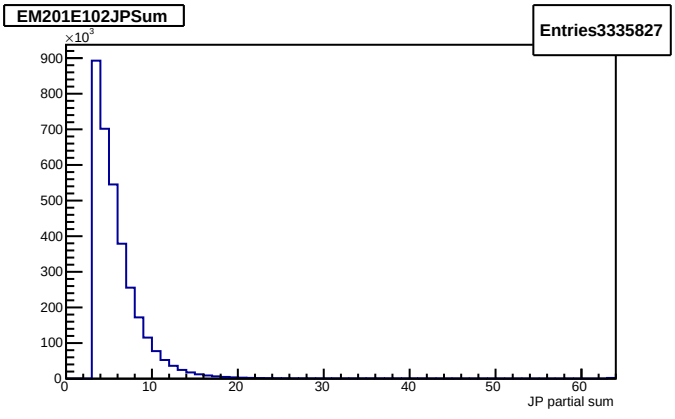

EM201E101JPId
Entries 0
simu
data

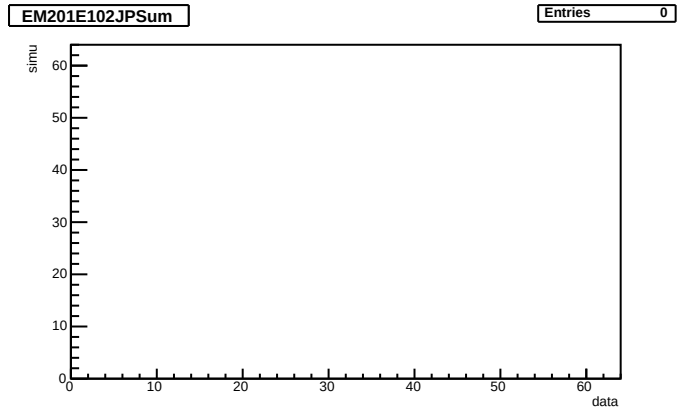

EM201E101Bits
Entries 1.667914e+07
73390
61920
81456
21836
9796
3.26244e+06
3.27391e+06
3.25437e+06
3.31399e+06
3.32603e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

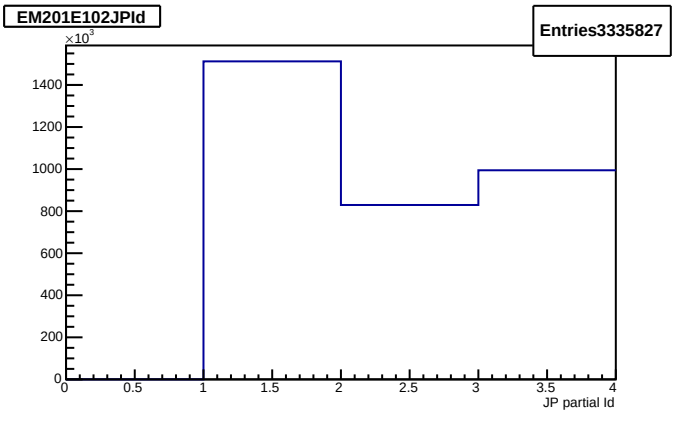

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

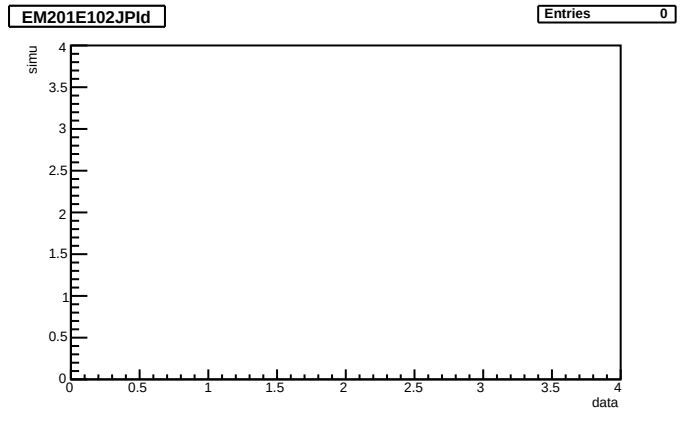

EM201E102JPThBits
Entries3335827
JP th bits

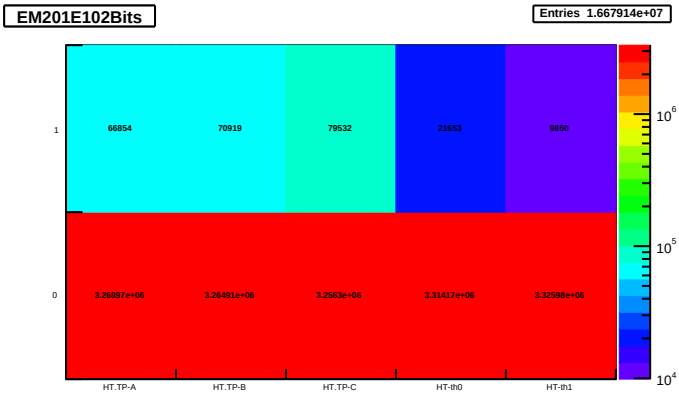

EM201E102JPThBits
Entries 0
simu
data

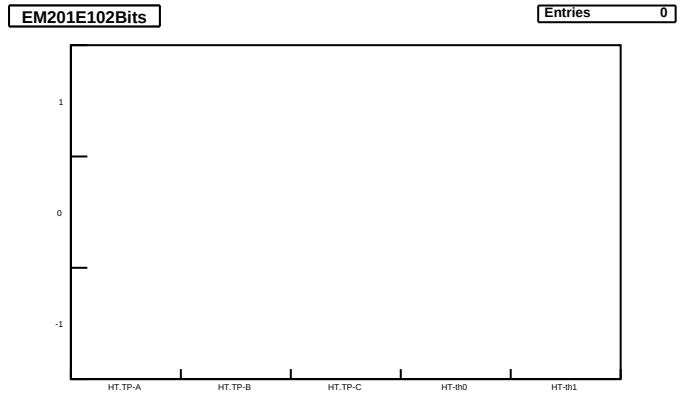

EM201E102JPSum
Entries3335827
JP partial sum

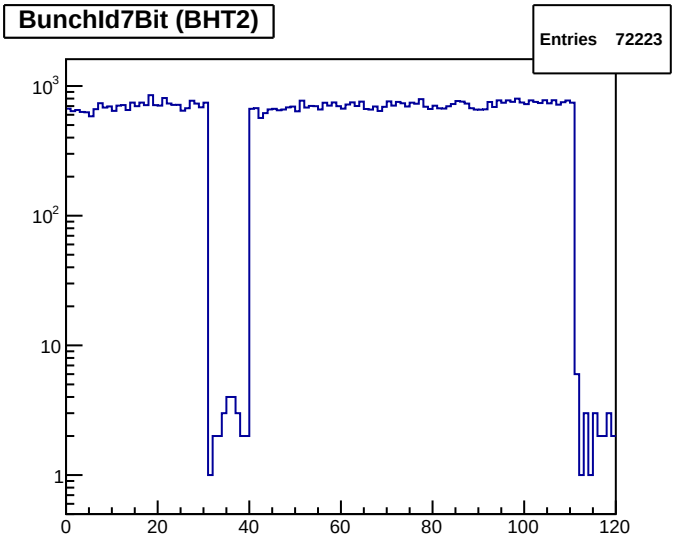

EM201E102JPSum
Entries 0
simu
data

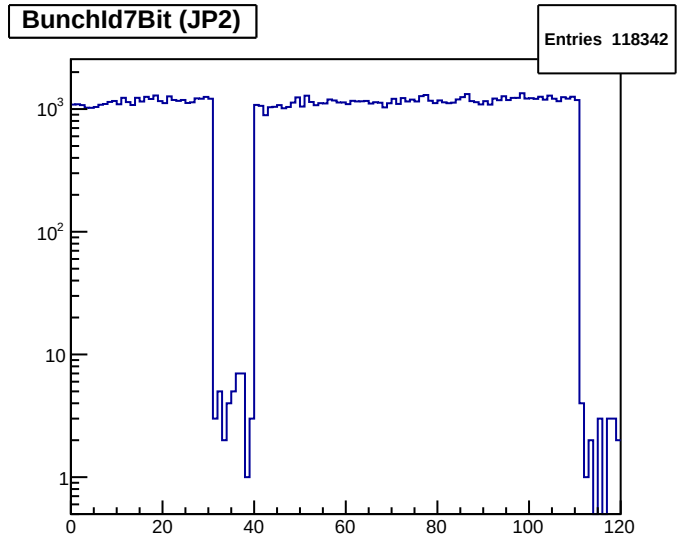

EM201E102JPId
Entries3335827
JP partial Id

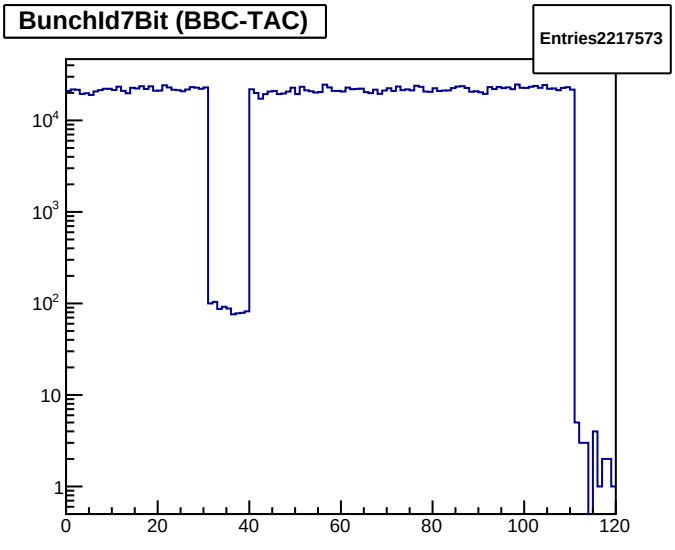

EM201E102JPId
Entries 0
simu
data

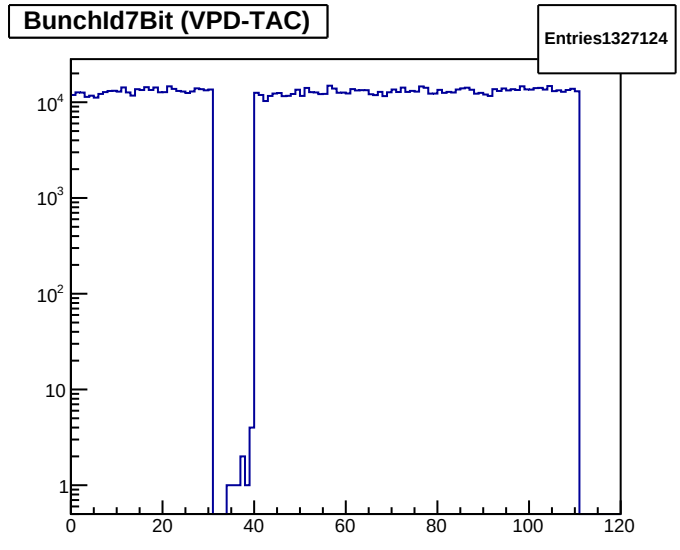

EM201E102Bits
Entries 1.667914e+07
66854
70919
79532
21653
9850
3.26897e+06
3.26491e+06
3.2563e+06
3.31417e+06
3.32598e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

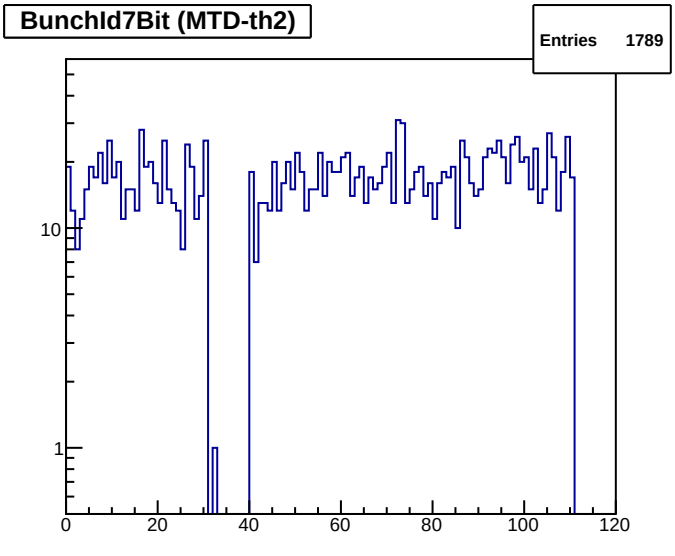

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

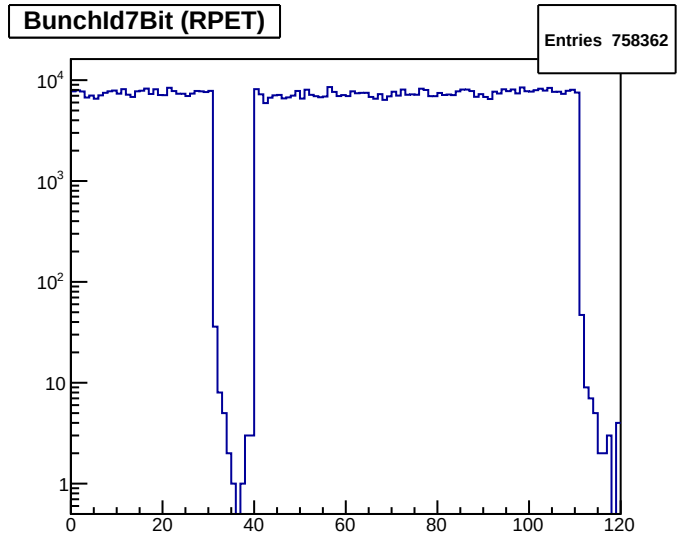

BunchId7Bit (BHT2)
Entries 72223

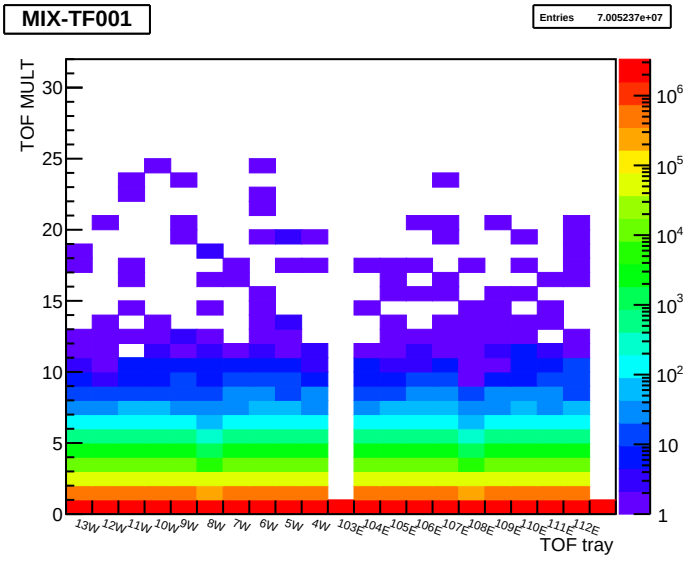

BunchId7Bit (JP2)
Entries 118342

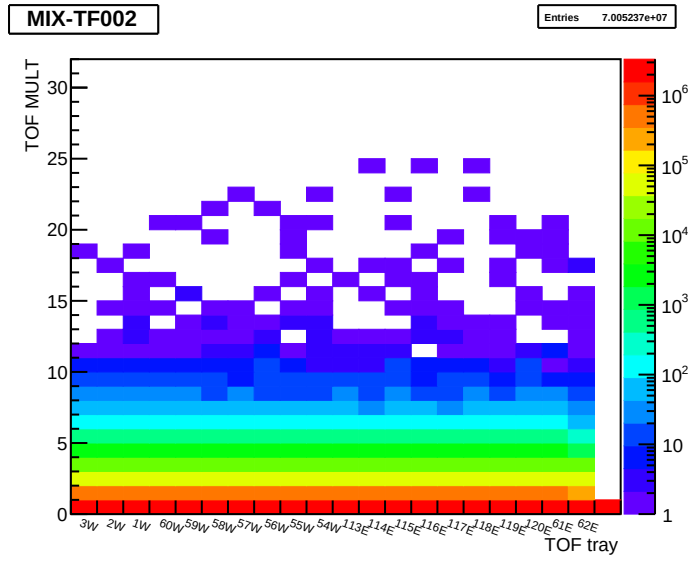

BunchId7Bit (BBC-TAC)
Entries2217573

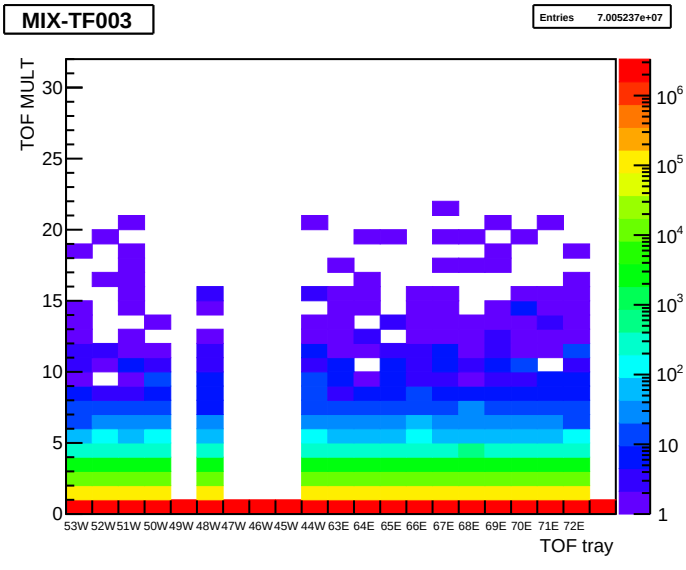

BunchId7Bit (VPD-TAC)
Entries1327124

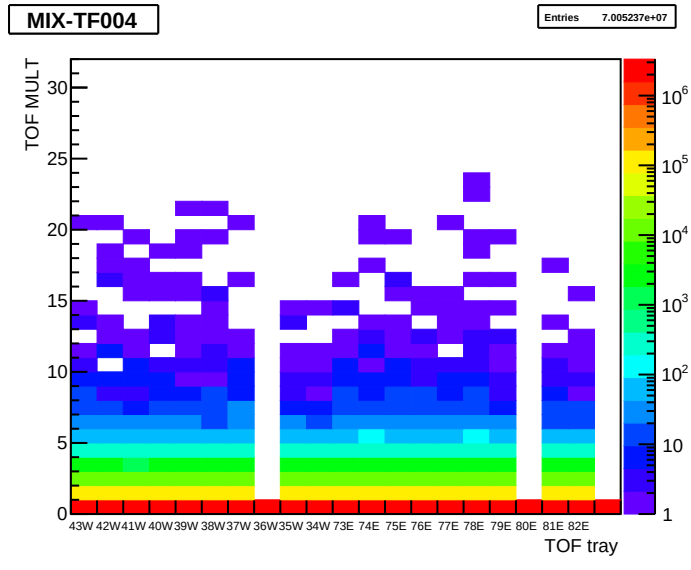

BunchId7Bit (MTD-th2)
Entries 1789

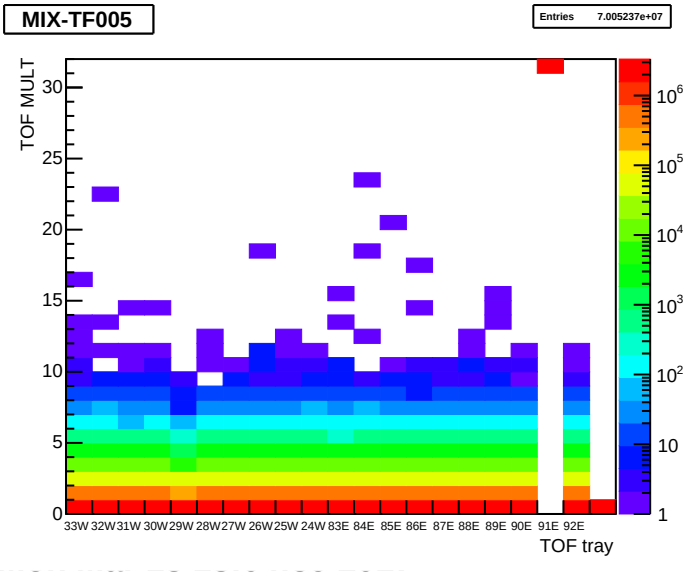

BunchId7Bit (RPET)
Entries 758362

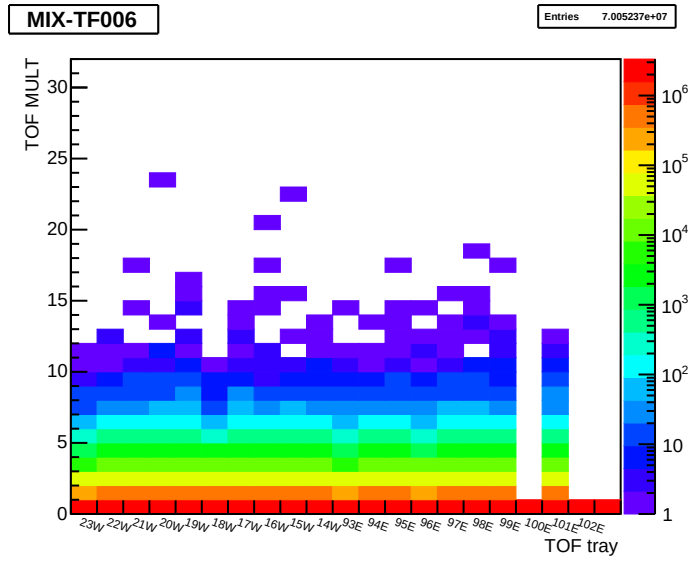

MIX-TF001
Entries 7.005237e+07
TOF MULT
TOF tray

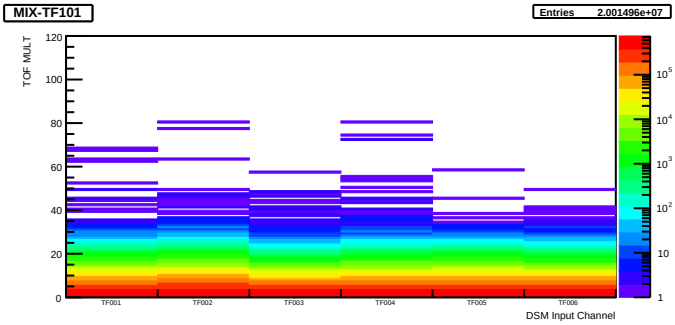

MIX-TF002
Entries 7.005237e+07
TOF MULT
TOF tray

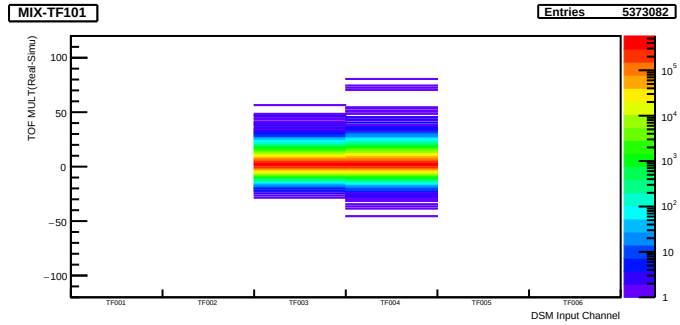

MIX-TF003
Entries 7.005237e+07
TOF MULT
TOF tray

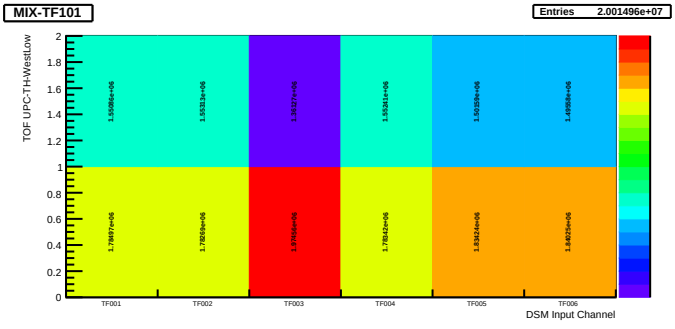

MIX-TF004
Entries 7.005237e+07
TOF MULT
TOF tray

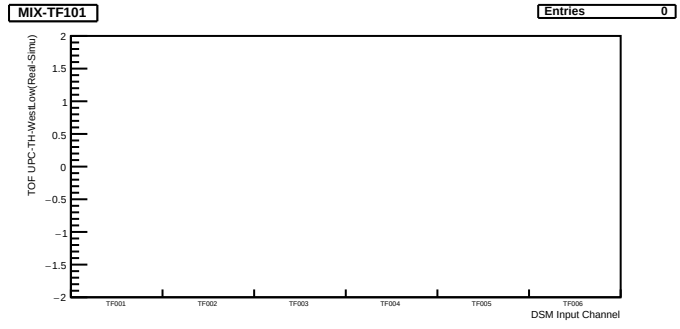

MIX-TF005
Entries 7.005237e+07
TOF MULT
TOF tray

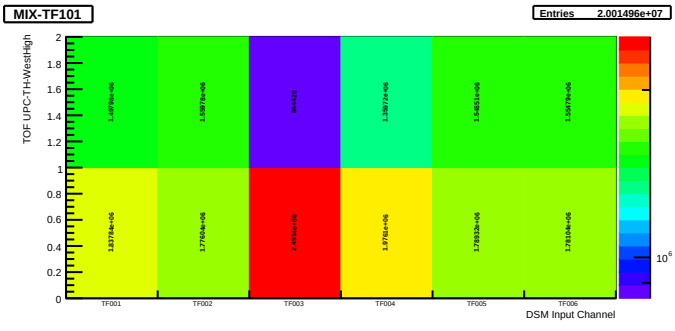

MIX-TF006
Entries 7.005237e+07
TOF MULT
TOF tray

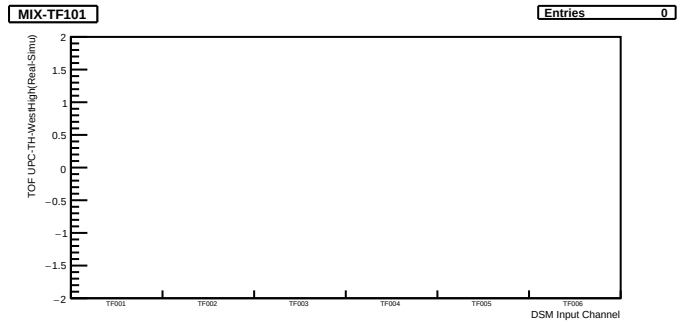

MIX-TF101
Entries 2.001496e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

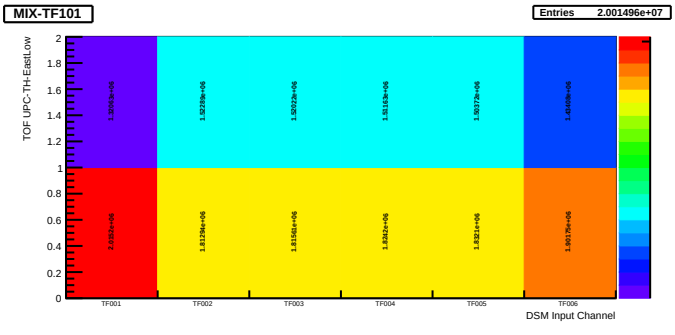

MIX-TF101
Entries 5373082
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

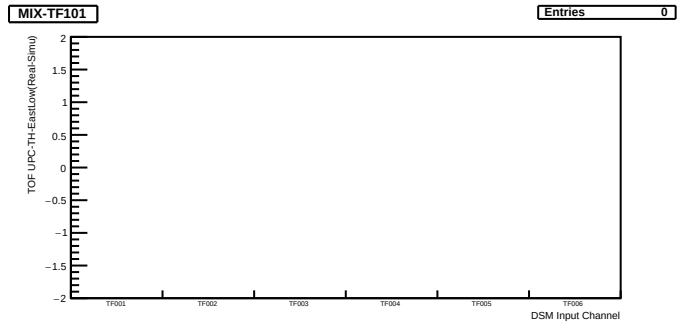

MIX-TF101
Entries 2.001496e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

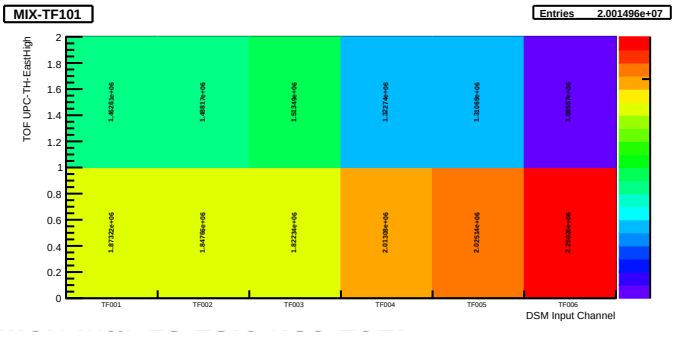

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

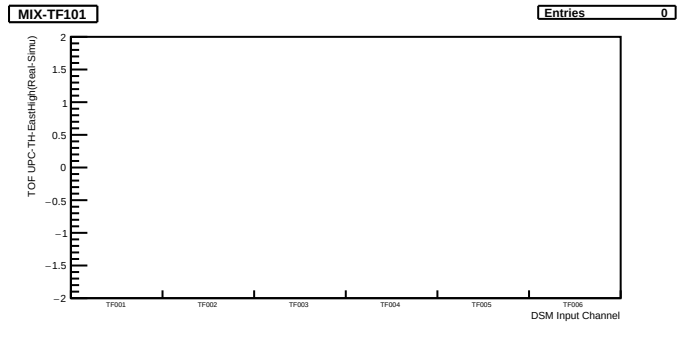

MIX-TF101
Entries 2.001496e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

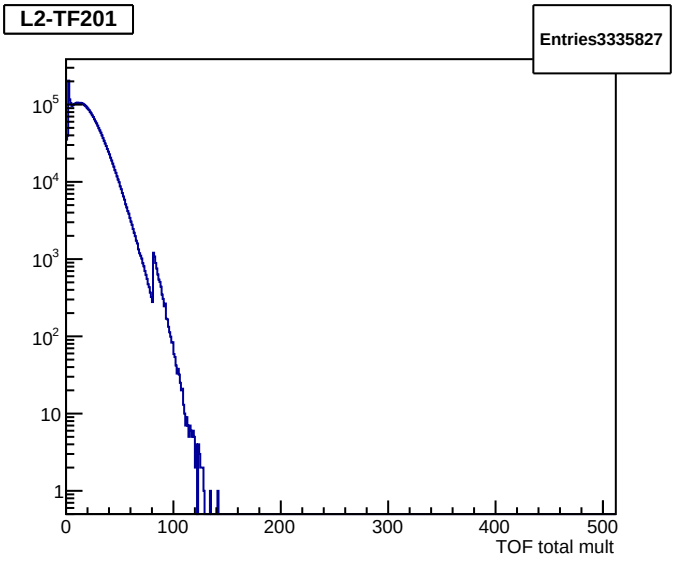

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

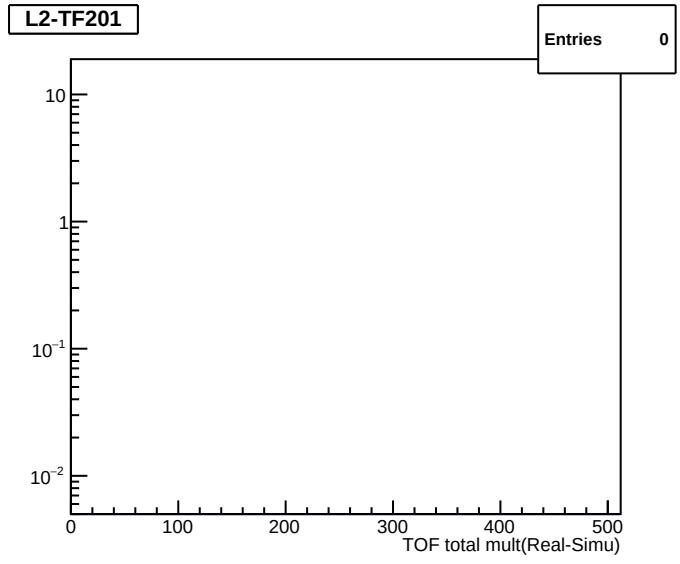

MIX-TF101
Entries 2.001496e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

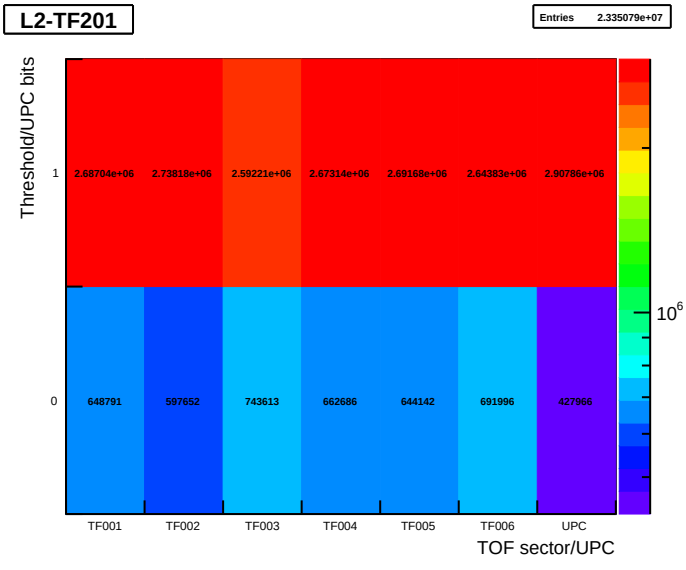

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

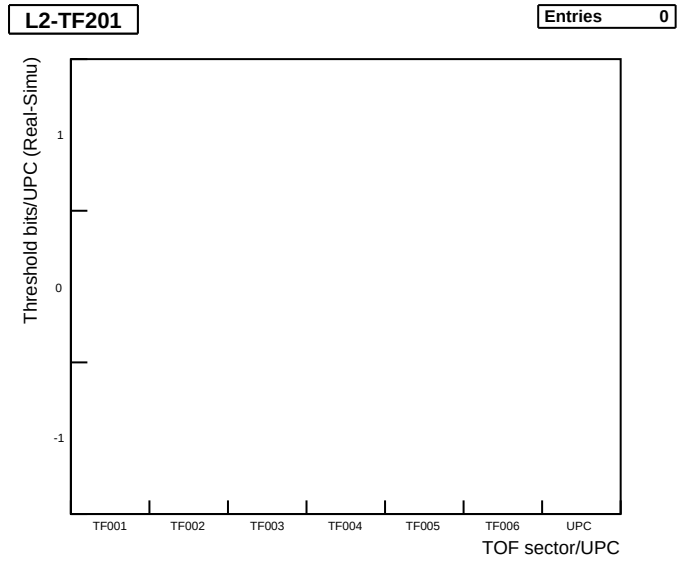

MIX-TF101
Entries 2.001496e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

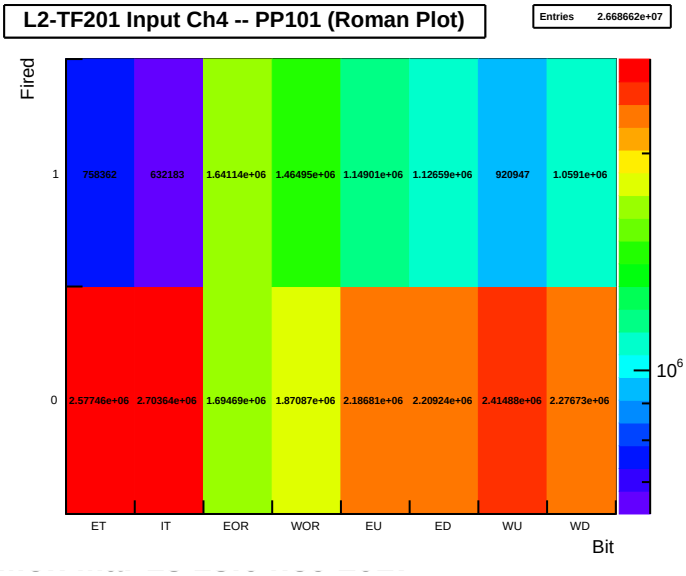

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

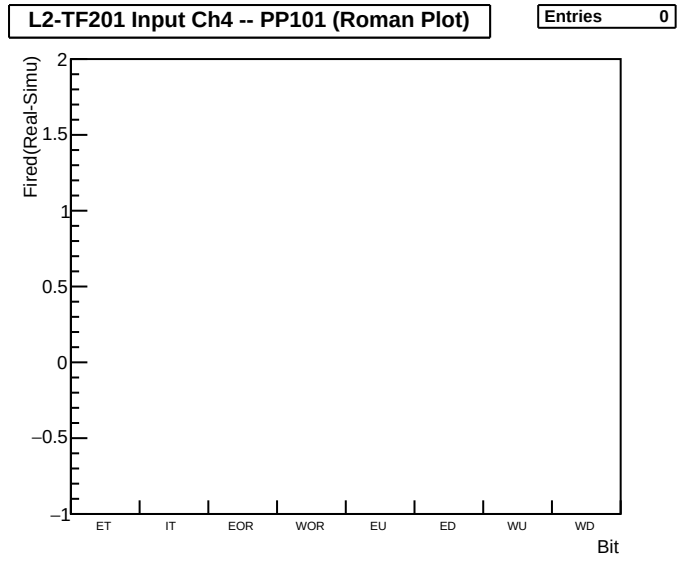

L2-TF201
Entries3335827
TOF total mult

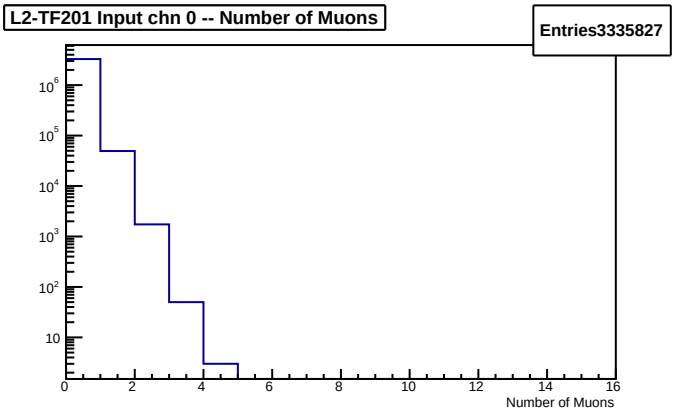

L2-TF201
Entries 0
TOF total mult(Real-Simu)

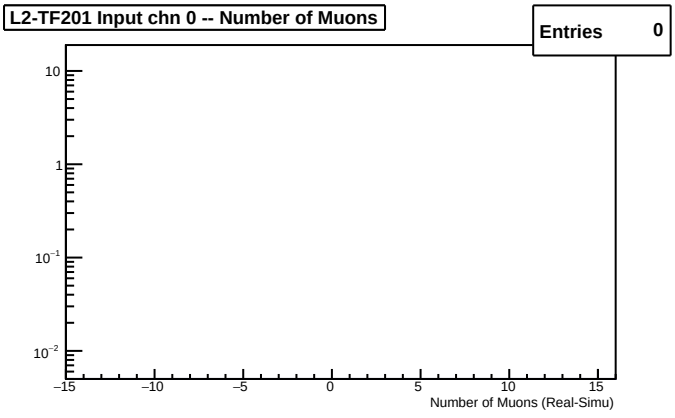

L2-TF201
Entries 2.335079e+07
Threshold/UPC bits
2.68704e+06
2.73818e+06
2.59221e+06
2.67314e+06
2.69168e+06
2.64383e+06
2.90786e+06
648791
597652
743613
662686
644142
691996
427966
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

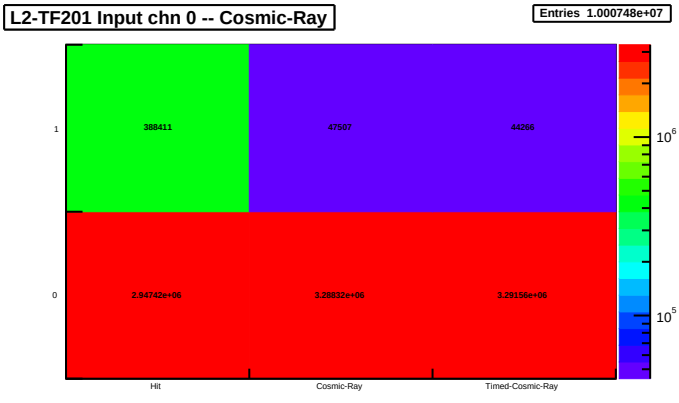

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

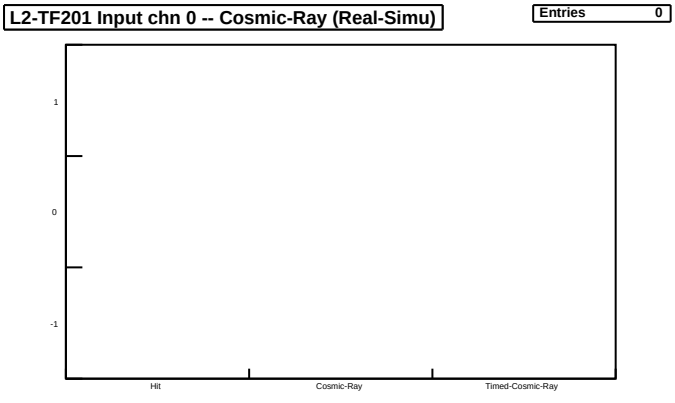

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.668662e+07
Fired
758362
632183
1.64114e+06
1.46495e+06
1.14901e+06
1.12659e+06
920947
1.0591e+06
2.57746e+06
2.70364e+06
1.69469e+06
1.87087e+06
2.18681e+06
2.20924e+06
2.41488e+06
2.27673e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

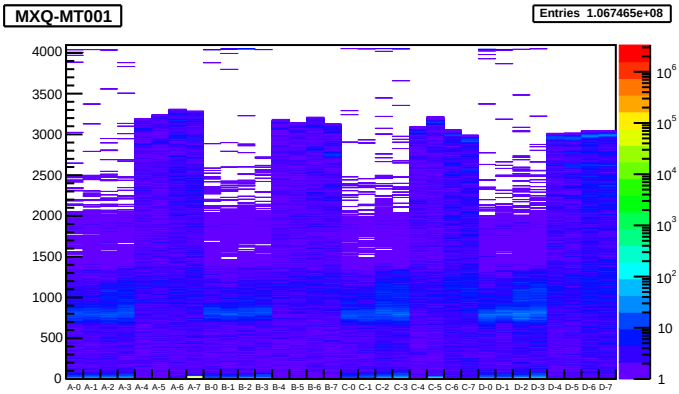

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

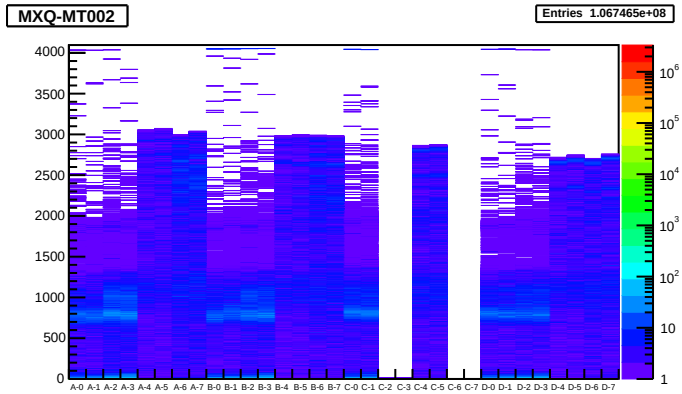

L2-TF201 Input chn 0 -- Number of Muons
Entries3335827
Number of Muons

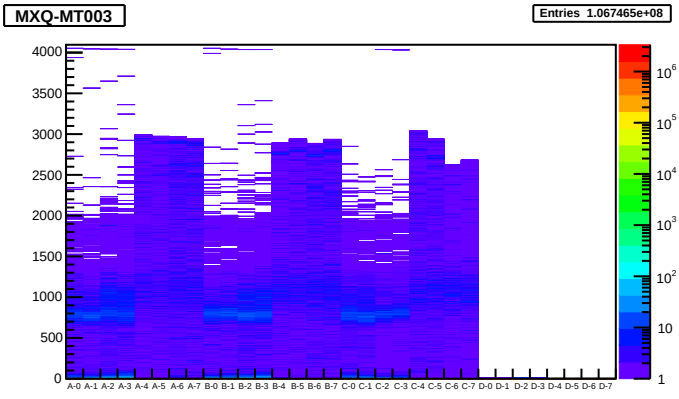

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

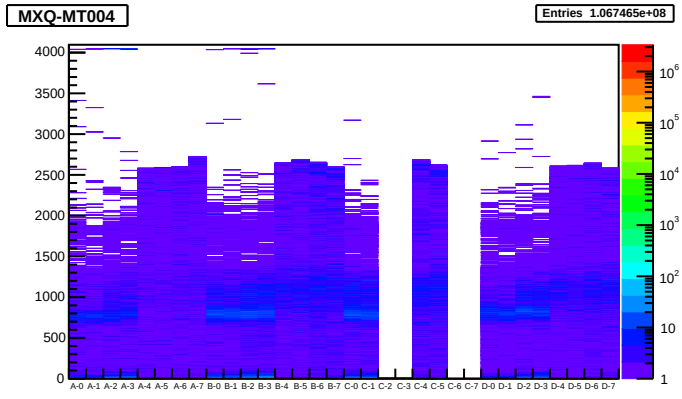

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.000748e+07
388411
47507
44266
2.94742e+06
3.28832e+06
3.29156e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

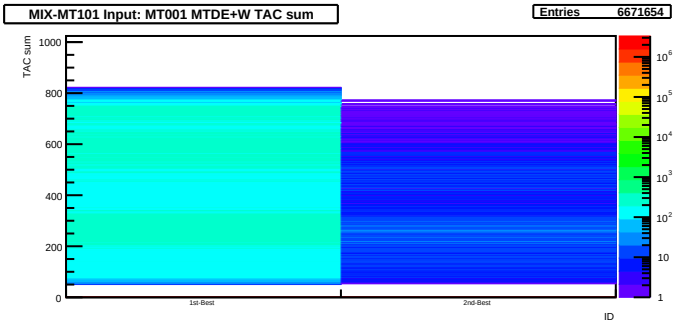

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

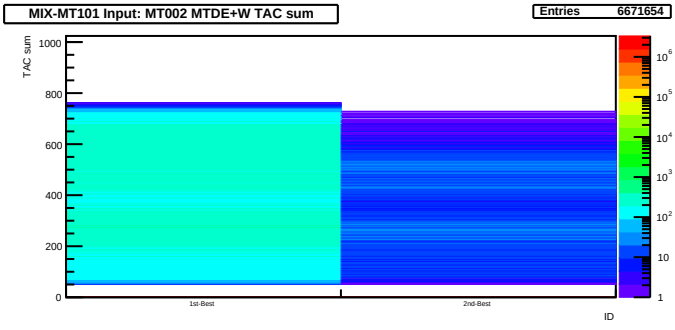

MXQ-MT001
Entries 1.067465e+08

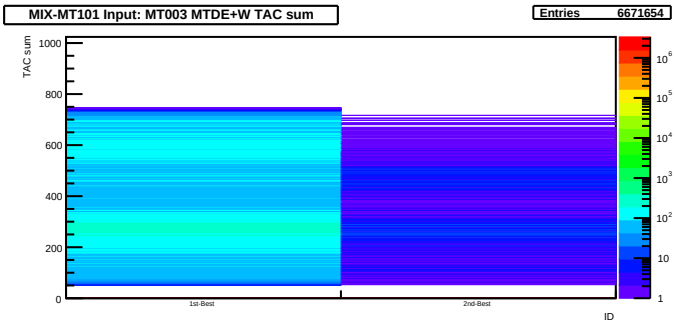

MXQ-MT002
Entries 1.067465e+08

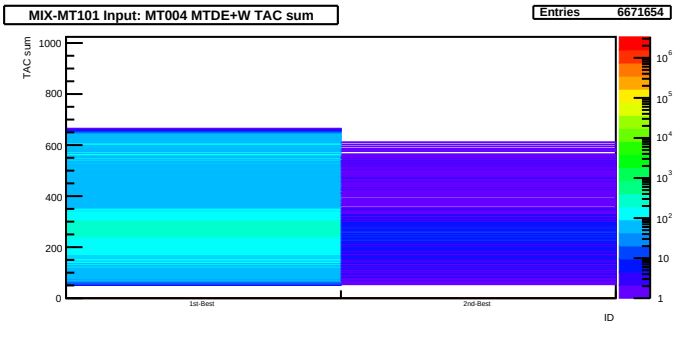

MXQ-MT003
Entries 1.067465e+08

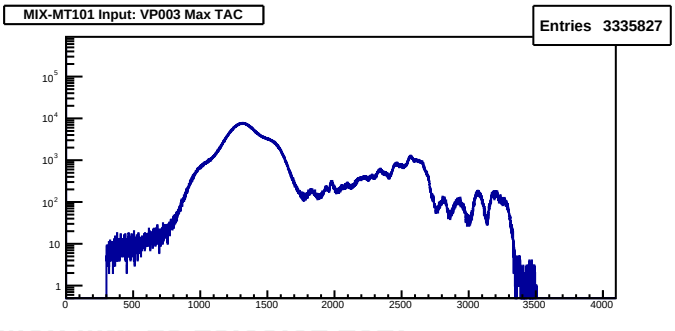

MXQ-MT004
Entries 1.067465e+08

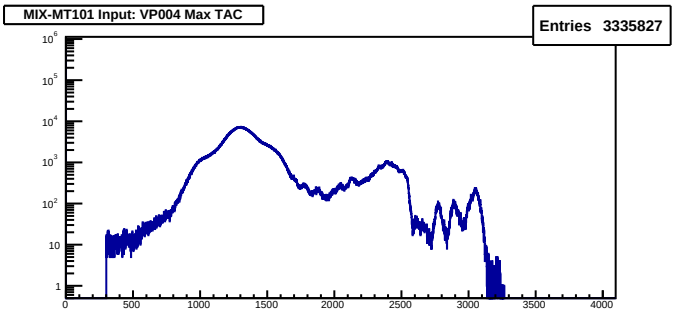

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 6671654
TAC sum
1st-Best
2nd-Best
ID

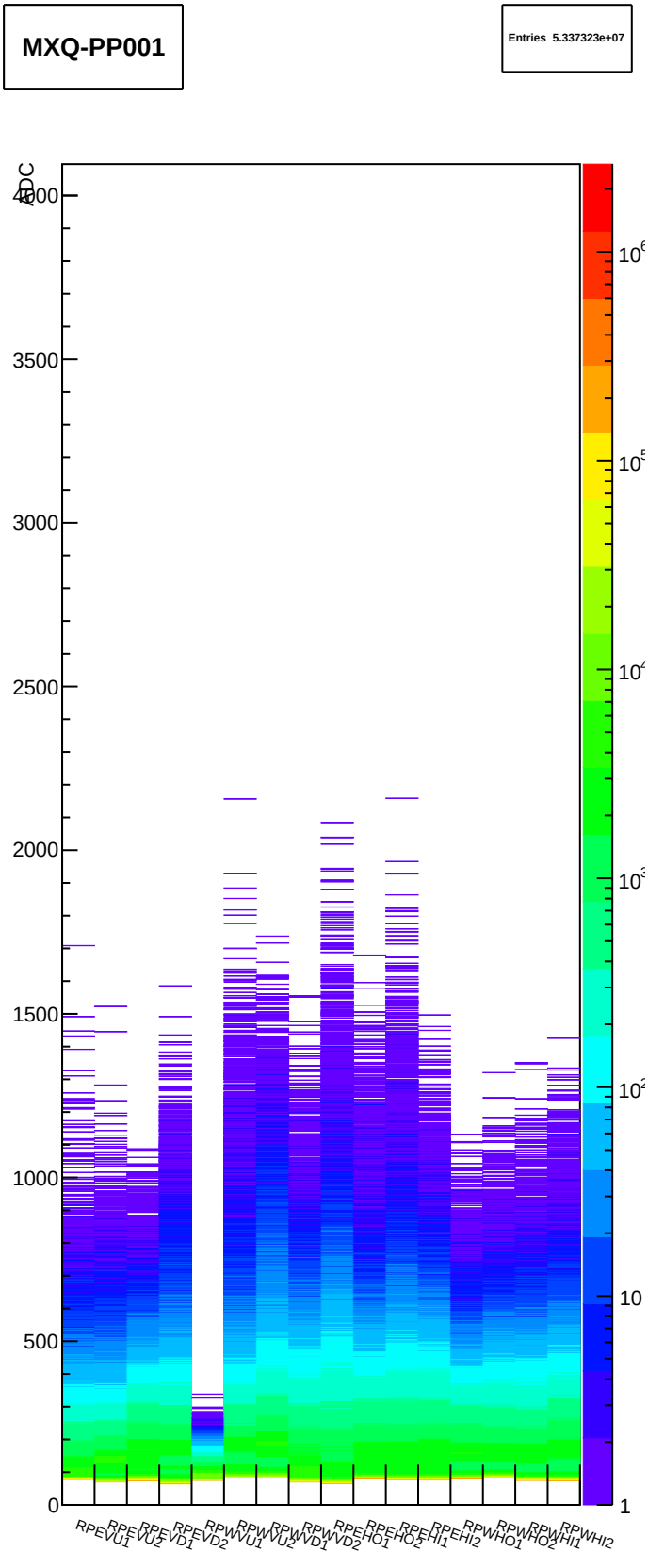

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 6671654
TAC sum
1st-Best
2nd-Best
ID

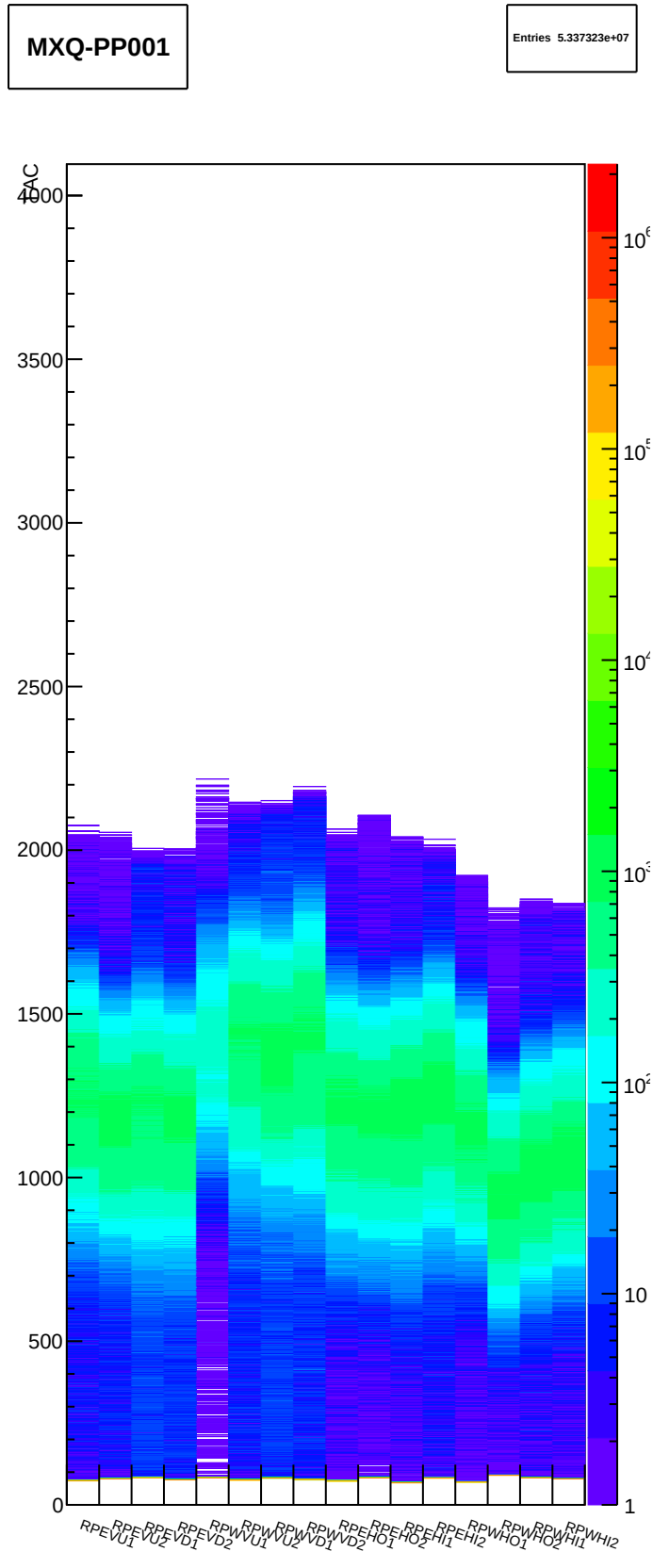

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 6671654
TAC sum
1st-Best
2nd-Best
ID

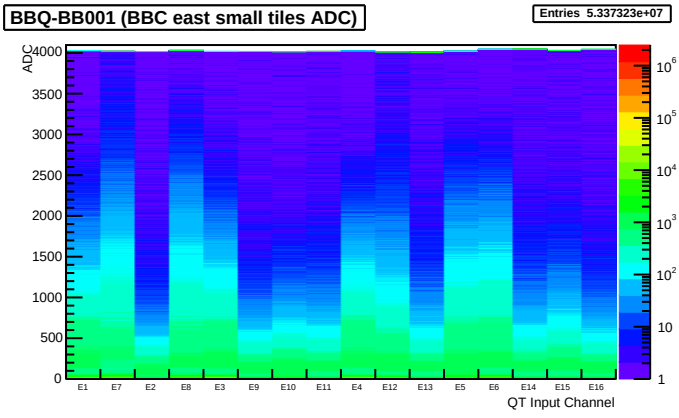

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 6671654
TAC sum
1st-Best
2nd-Best
ID

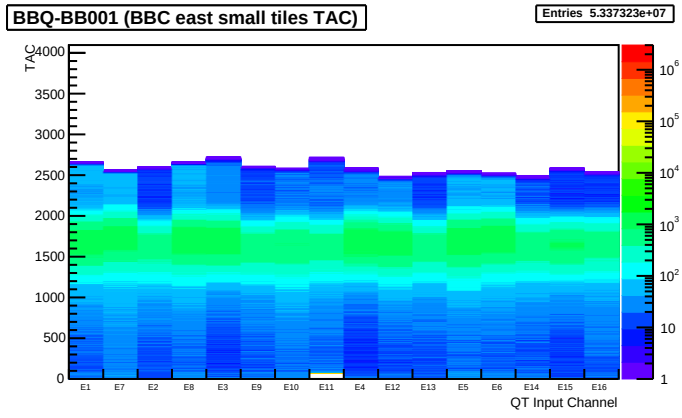

MIX-MT101 Input: VP003 Max TAC
Entries 3335827

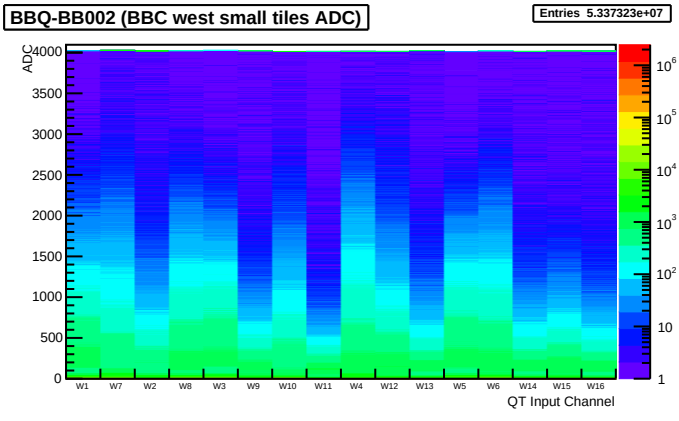

MIX-MT101 Input: VP004 Max TAC
Entries 3335827

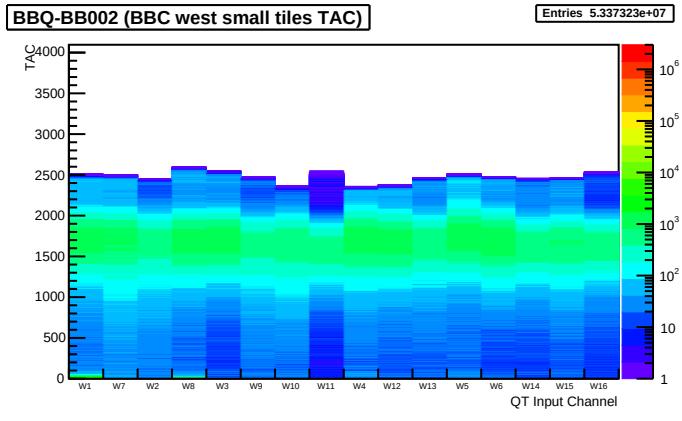

MXQ-PP001
Entries 5.337323e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

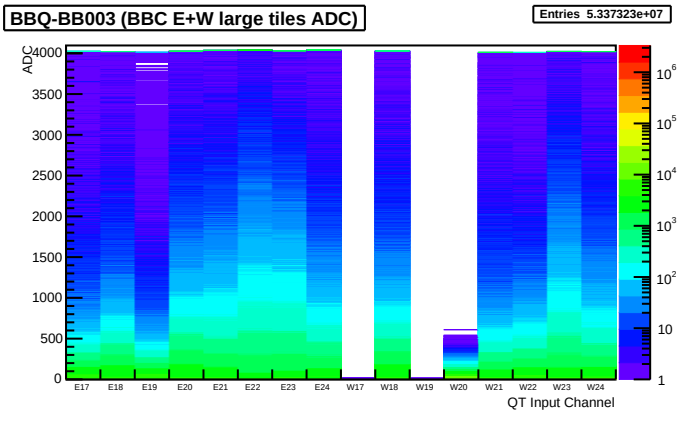

MXQ-PP001
Entries 5.337323e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

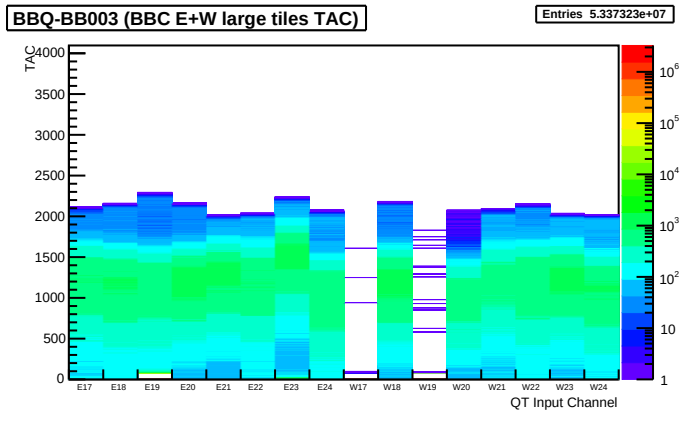

BBQ-BB001 (BBC east small tiles ADC)
Entries 5.337323e+07
ADC
QT Input Channel

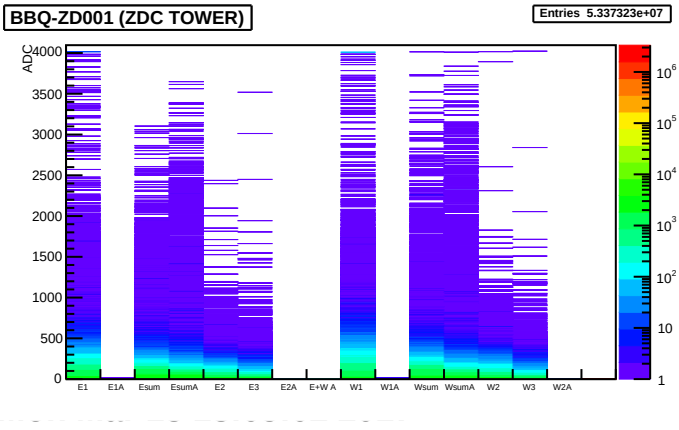

BBQ-BB001 (BBC east small tiles TAC)
Entries 5.337323e+07
TAC
QT Input Channel

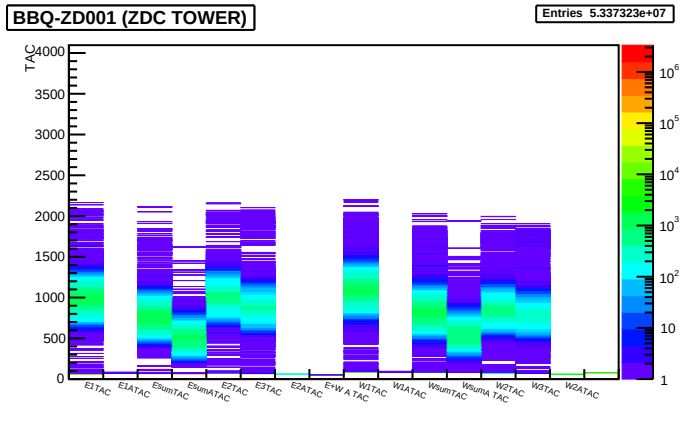

BBQ-BB002 (BBC west small tiles ADC)
Entries 5.337323e+07
ADC
QT Input Channel

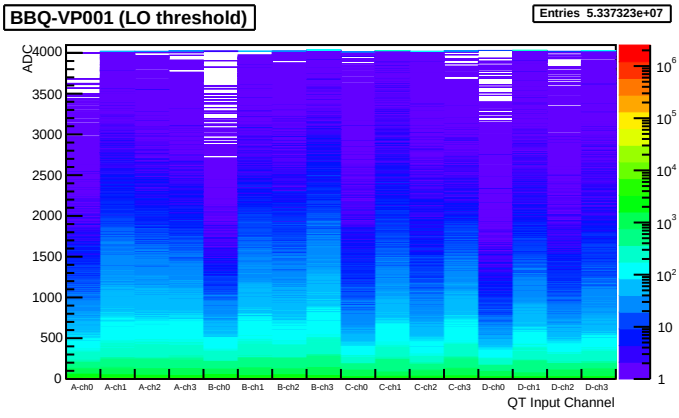

BBQ-BB002 (BBC west small tiles TAC)
Entries 5.337323e+07
TAC
QT Input Channel

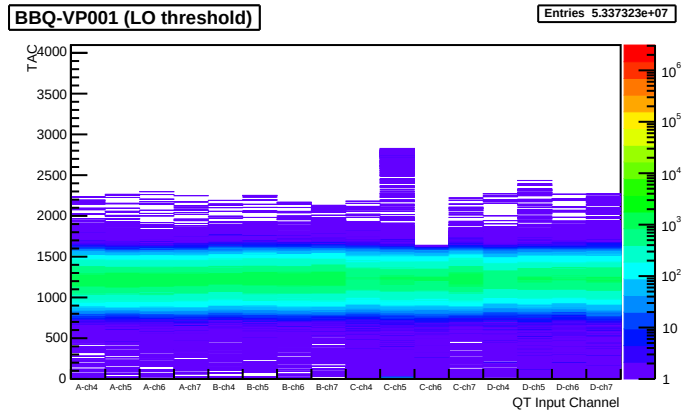

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.337323e+07
ADC
QT Input Channel

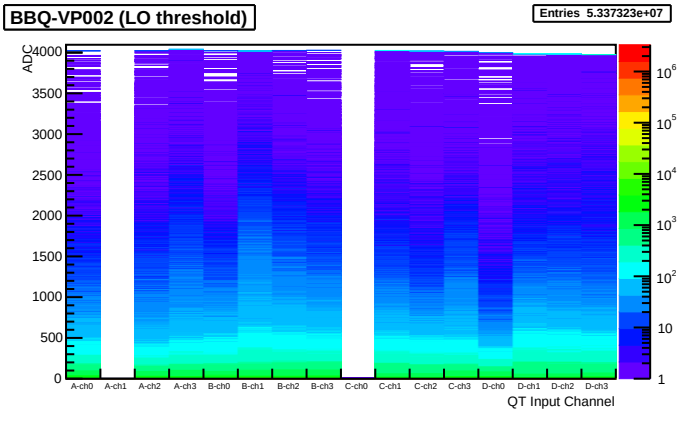

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.337323e+07
TAC
QT Input Channel

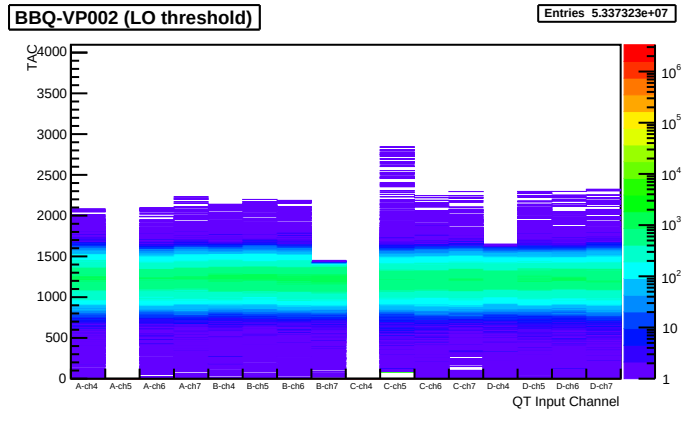

BBQ-ZD001 (ZDC TOWER)
Entries 5.337323e+07
ADC

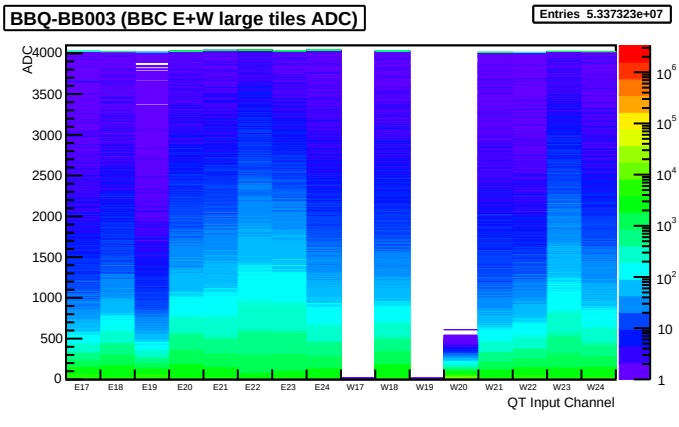

BBQ-ZD001 (ZDC TOWER)
Entries 5.337323e+07
TAC

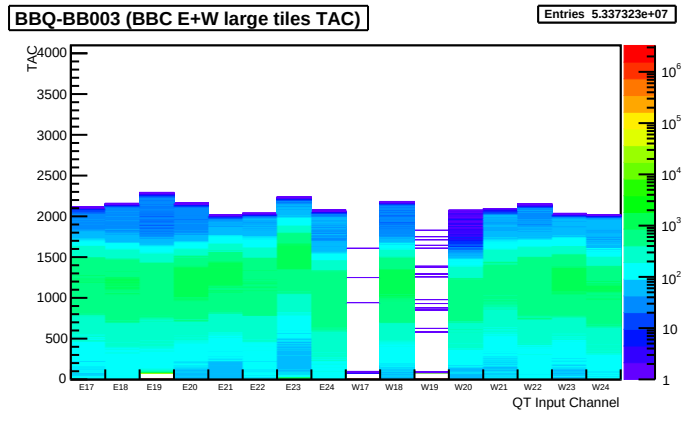

BBQ-VP001 (LO threshold)
Entries 5.337323e+07
ADC
QT Input Channel

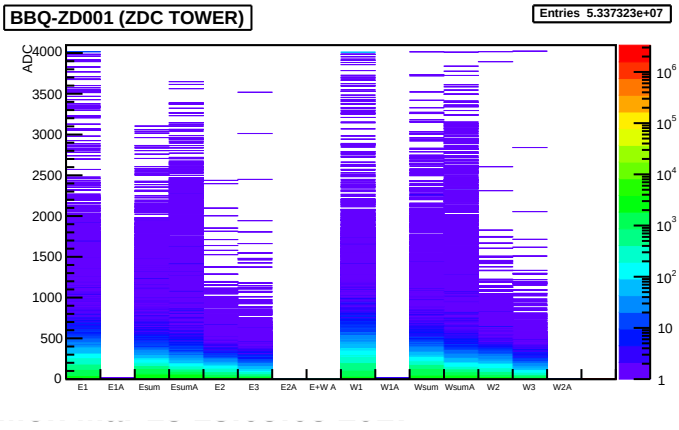

BBQ-VP001 (LO threshold)
Entries 5.337323e+07
TAC
QT Input Channel

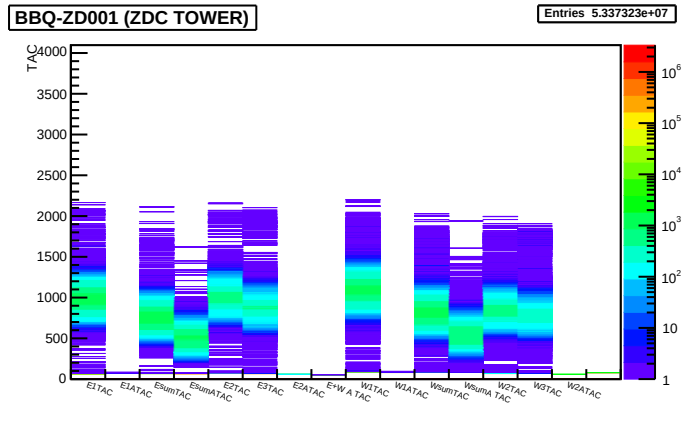

BBQ-VP002 (LO threshold)
Entries 5.337323e+07
ADC
QT Input Channel

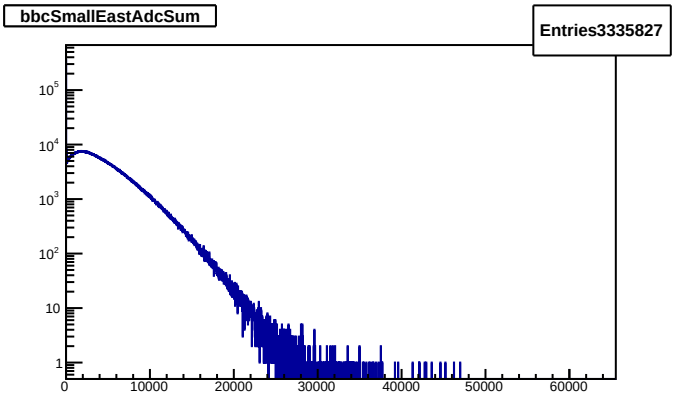

BBQ-VP002 (LO threshold)
Entries 5.337323e+07
TAC
QT Input Channel

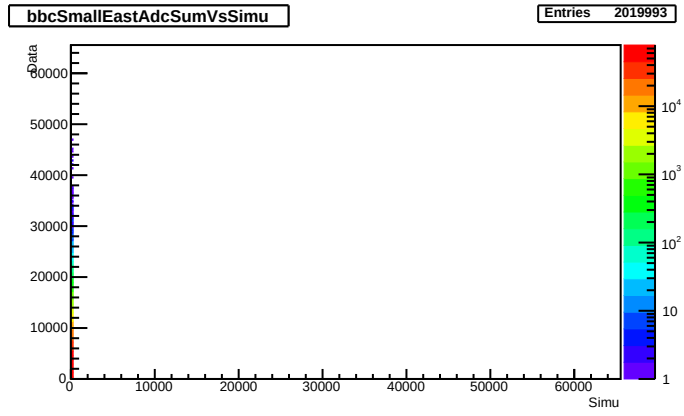

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.337323e+07
ADC
QT Input Channel

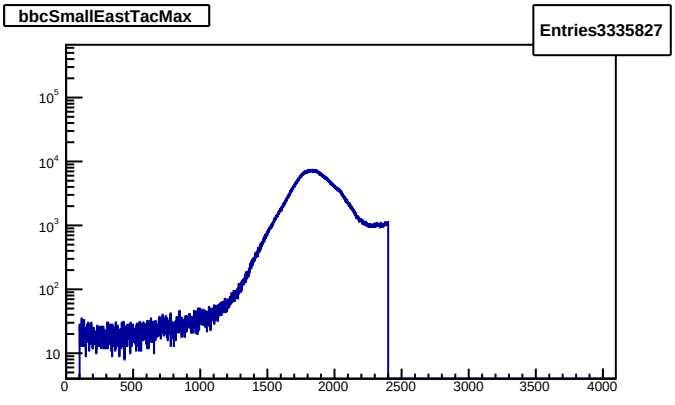

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.337323e+07
TAC
QT Input Channel

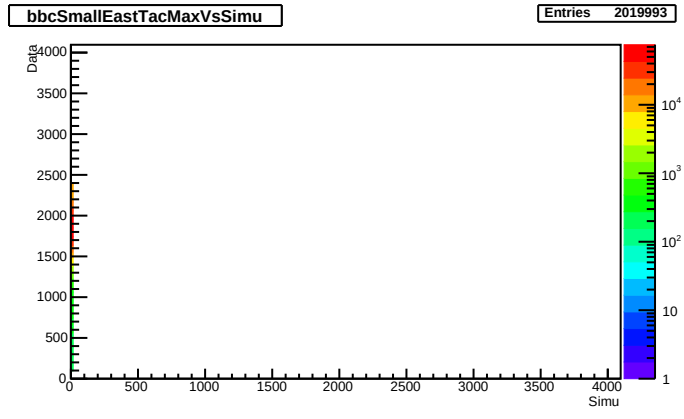

BBQ-ZD001 (ZDC TOWER)
Entries 5.337323e+07
ADC

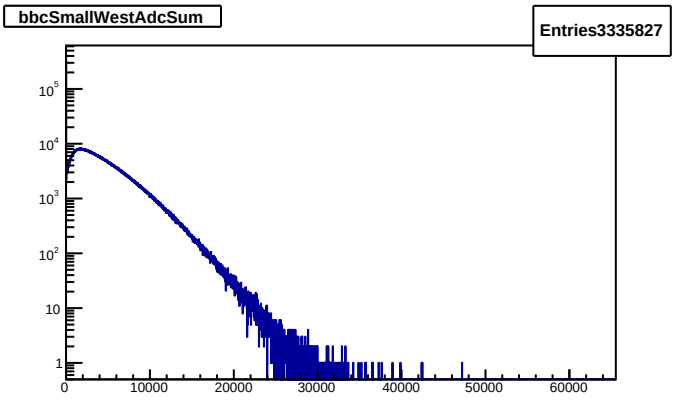

BBQ-ZD001 (ZDC TOWER)
Entries 5.337323e+07
TAC

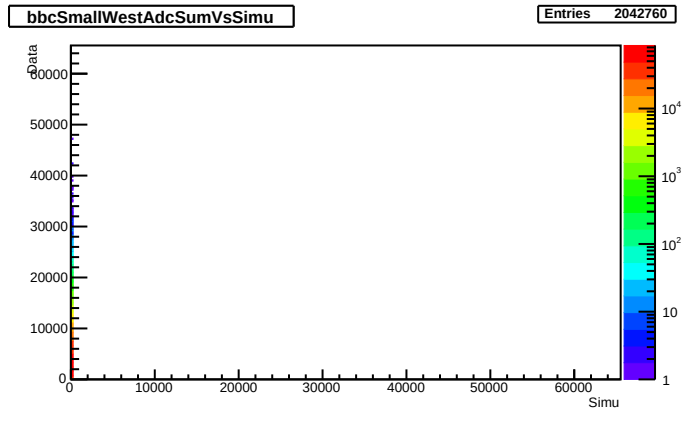

bbcSmallEastAdcSum
Entries3335827

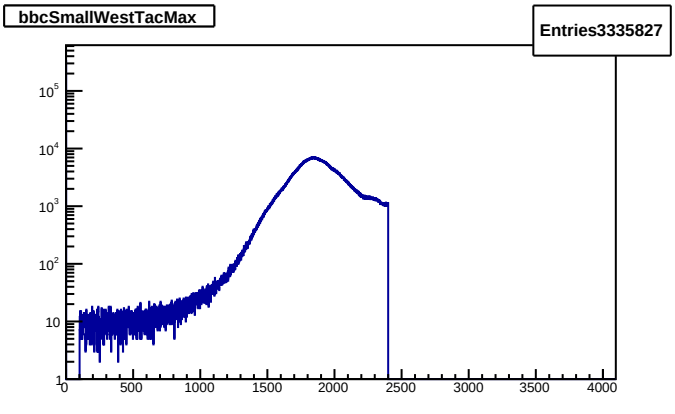

bbcSmallEastAdcSumVsSimu
Entries 2019993
Data
Simu

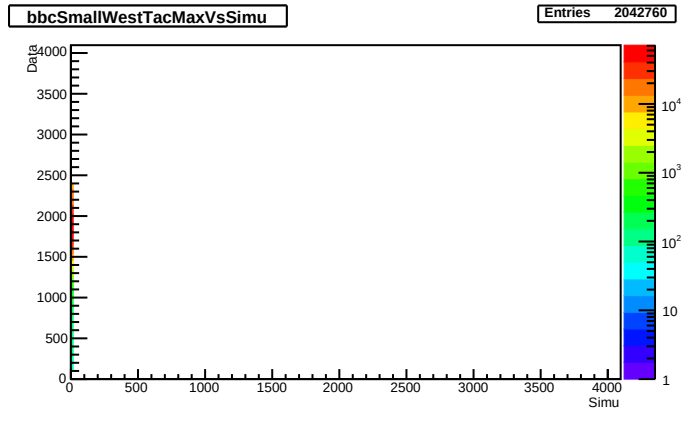

bbcSmallEastTacMax
Entries3335827

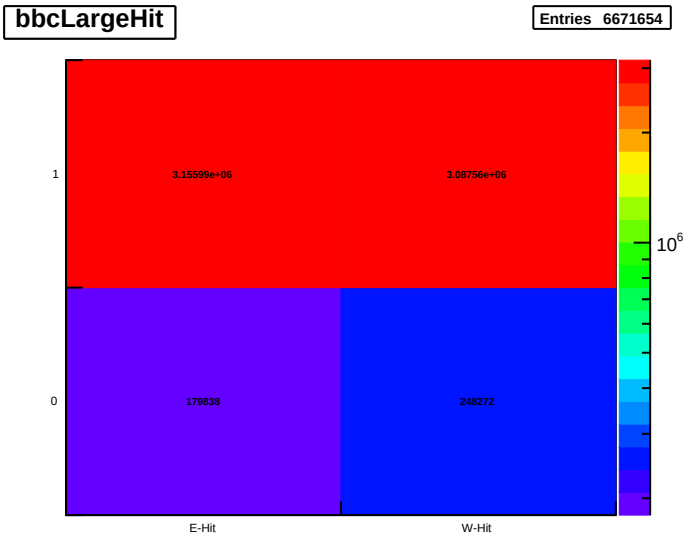

bbcSmallEastTacMaxVsSimu
Entries 2019993
Data
Simu

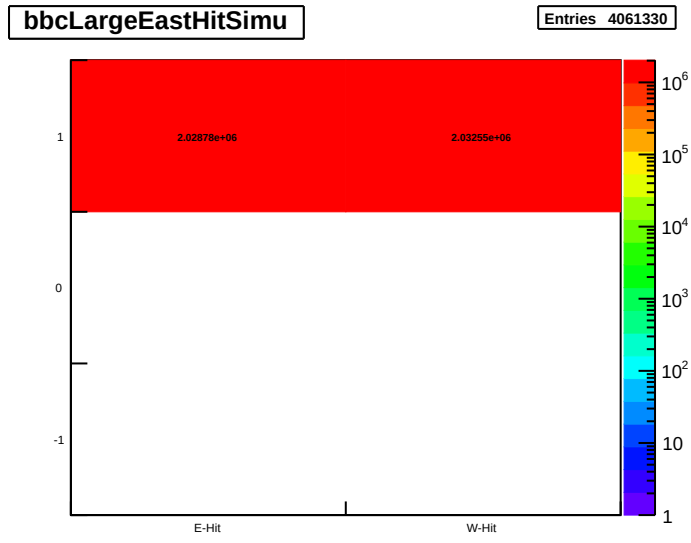

bbcSmallWestAdcSum
Entries3335827

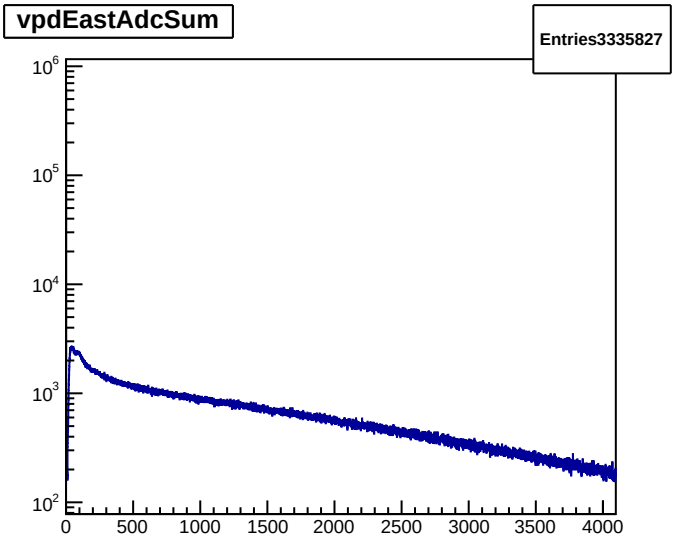

bbcSmallWestAdcSumVsSimu
Entries 2042760
Data
Simu

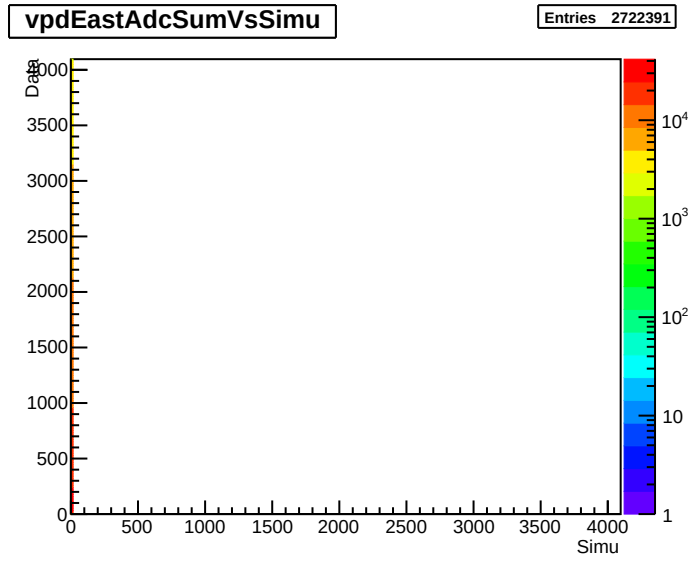

bbcSmallWestTacMax
Entries3335827

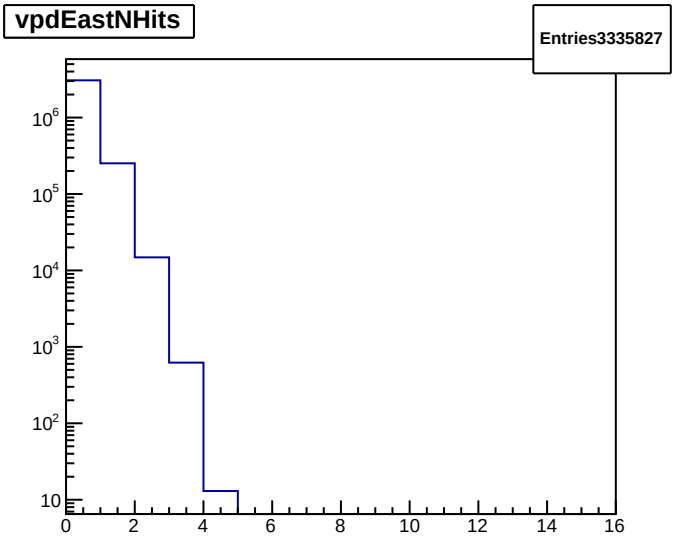

bbcSmallWestTacMaxVsSimu
Entries 2042760
Data
Simu

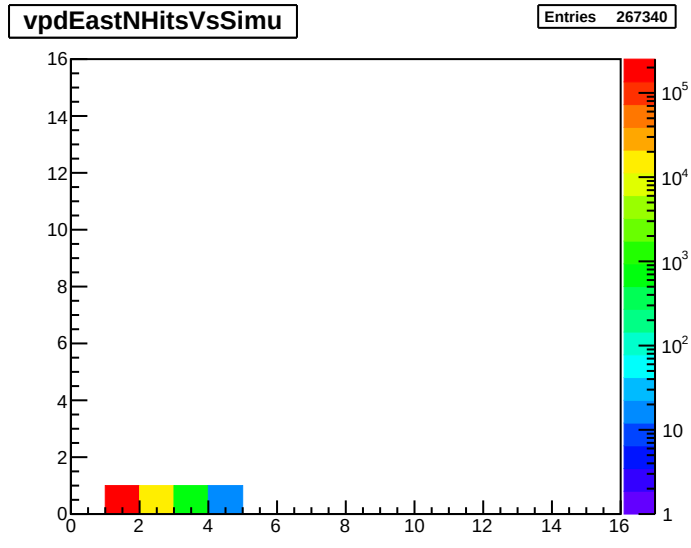

bbcLargeHit
Entries 6671654
1
0
3.15599e+06
3.08756e+06
179838
248272
E-Hit
W-Hit
10^6

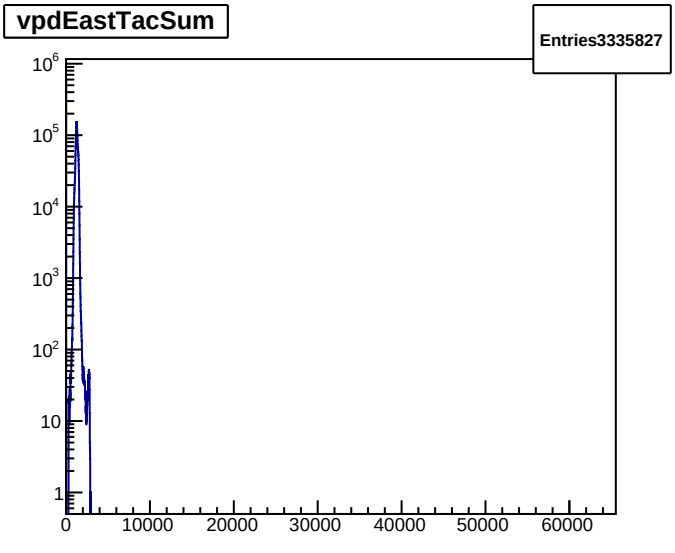

bbcLargeEastHitSimu
Entries 4061330
1
0
-1
2.02878e+06
2.03255e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

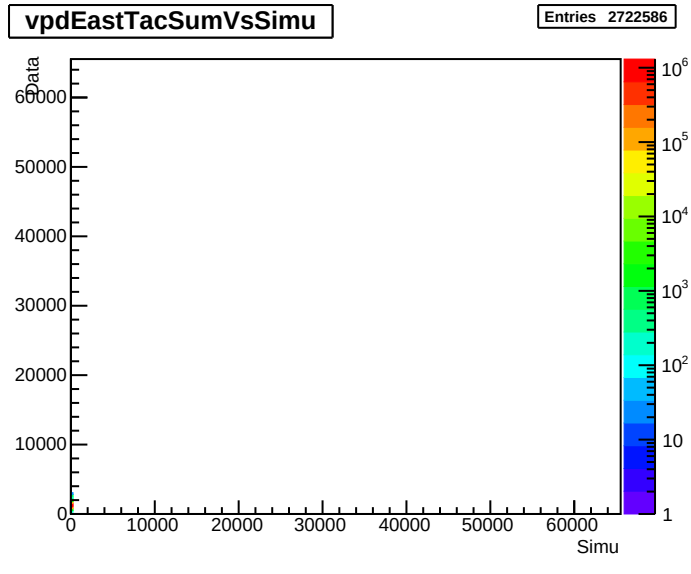

vpdEastAdcSum
Entries3335827

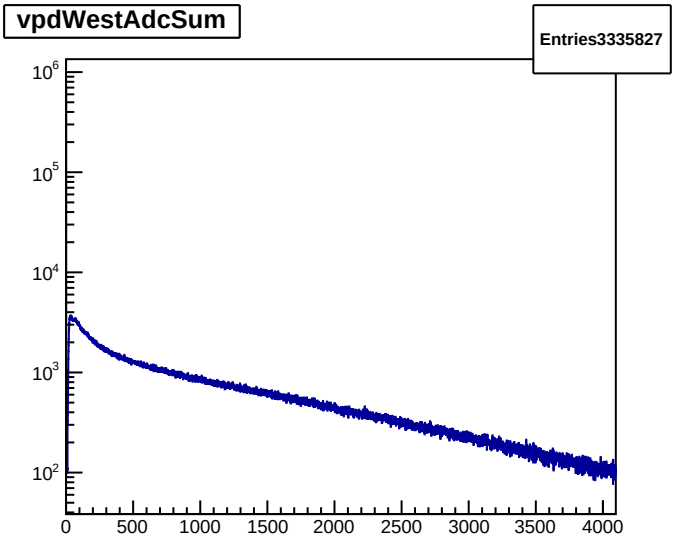

vpdEastAdcSumVsSimu
Entries 2722391
Data
Simu

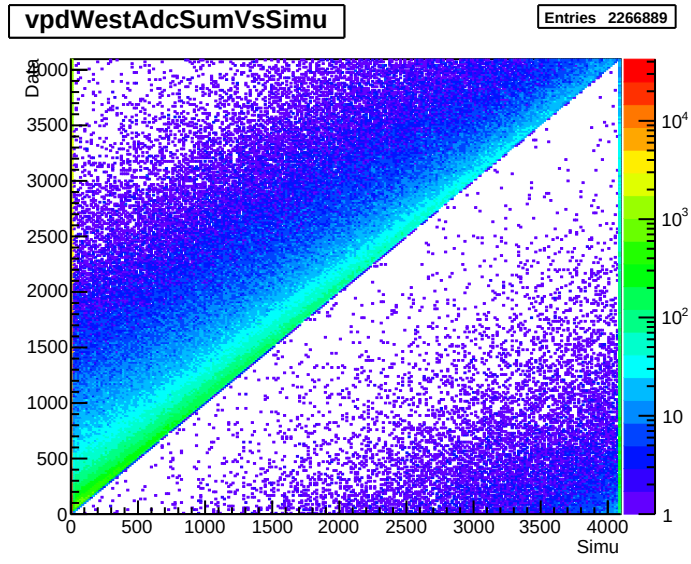

vpdEastNHits
Entries3335827

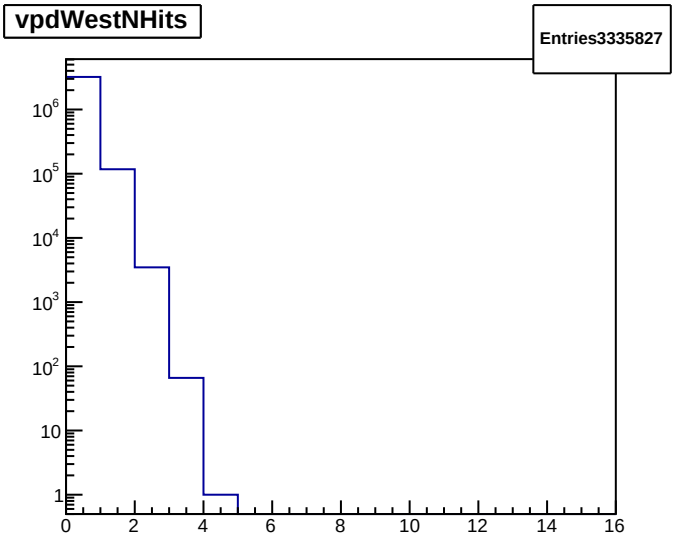

vpdEastNHitsVsSimu
Entries 267340

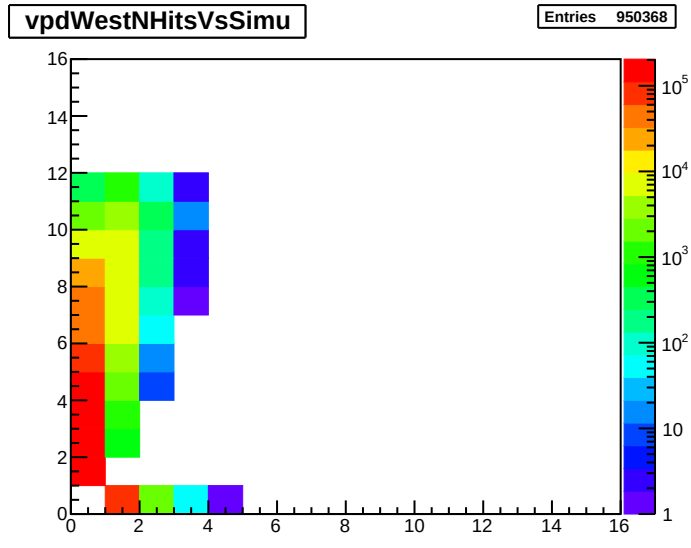

vpdEastTacSum
Entries3335827

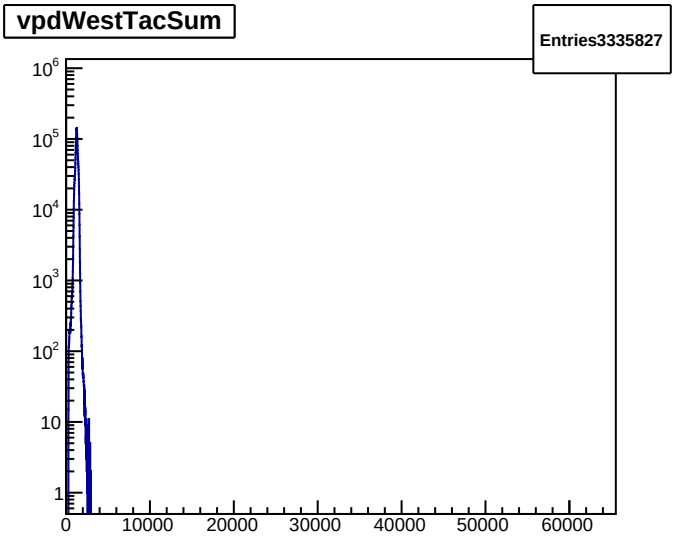

vpdEastTacSumVsSimu
Entries 2722586
Data
Simu

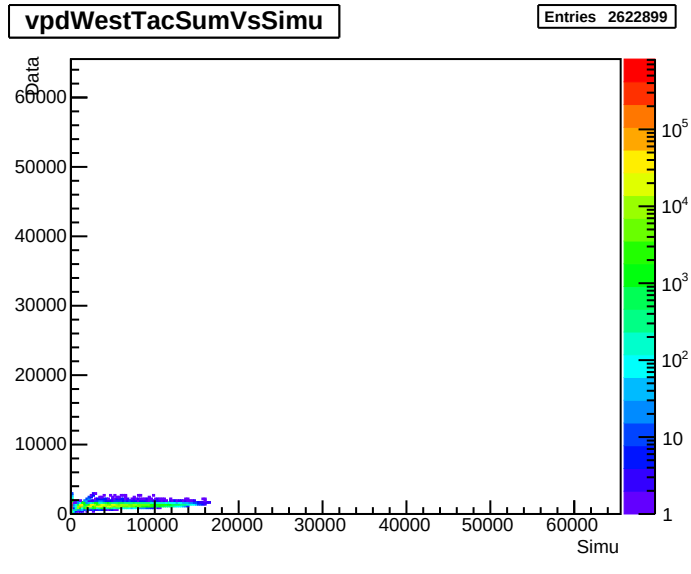

vpdWestAdcSum
Entries3335827

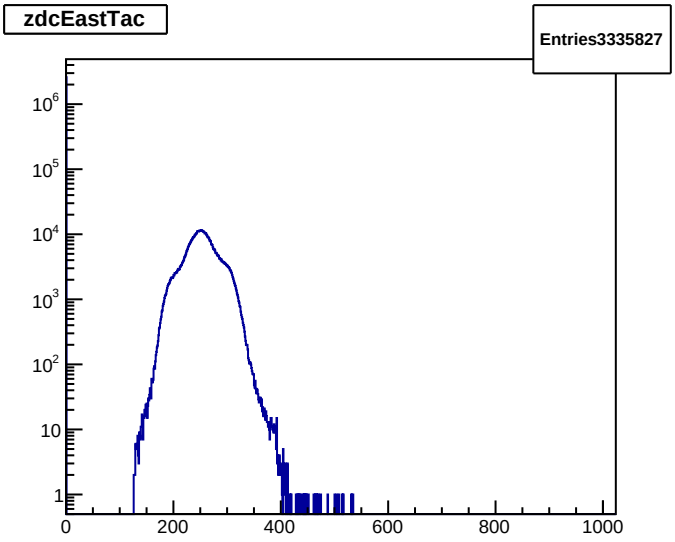

vpdWestAdcSumVsSimu
Entries 2266889
Data
Simu

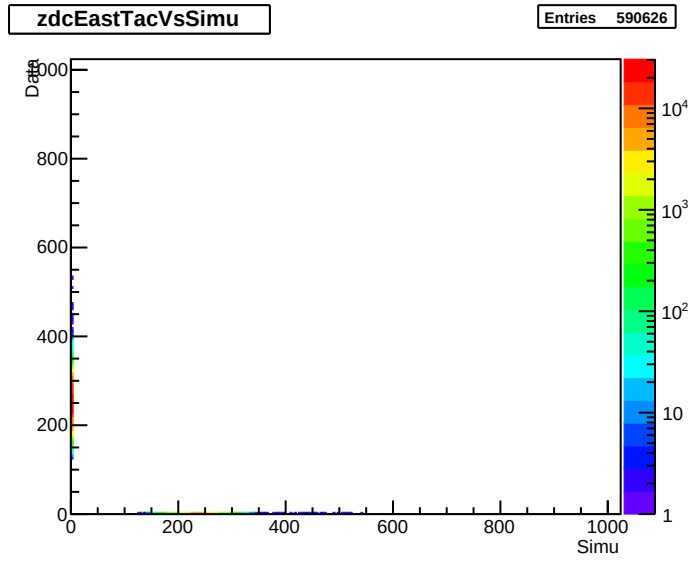

vpdWestNHits
Entries3335827

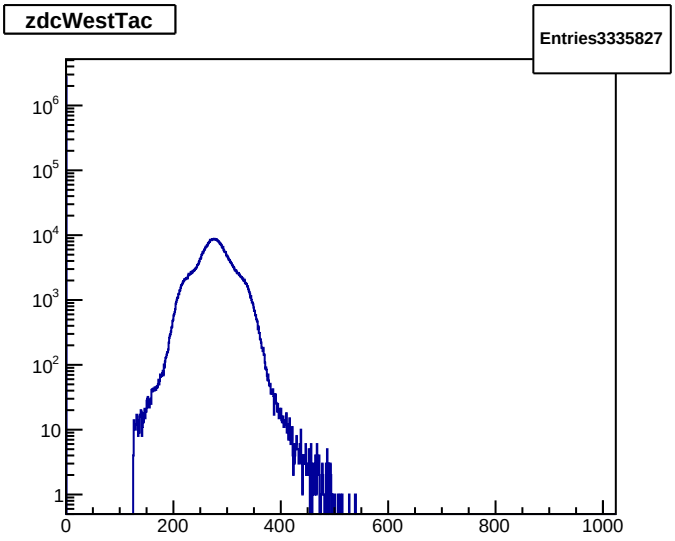

vpdWestNHitsVsSimu
Entries 950368

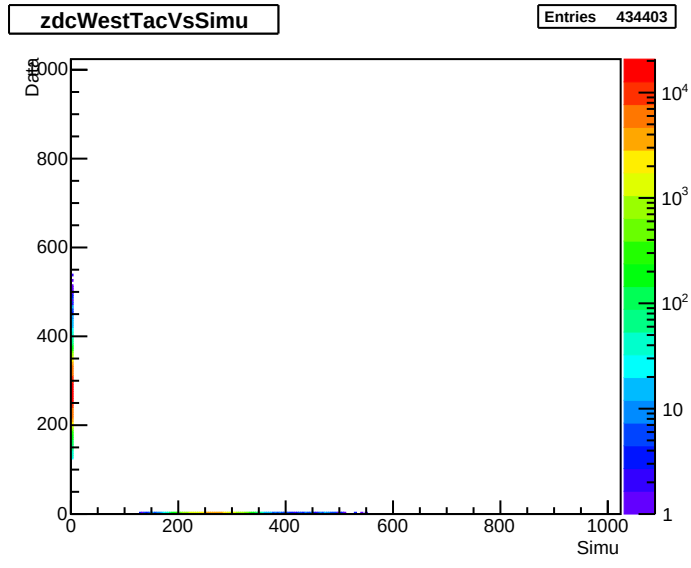

vpdWestTacSum
Entries3335827

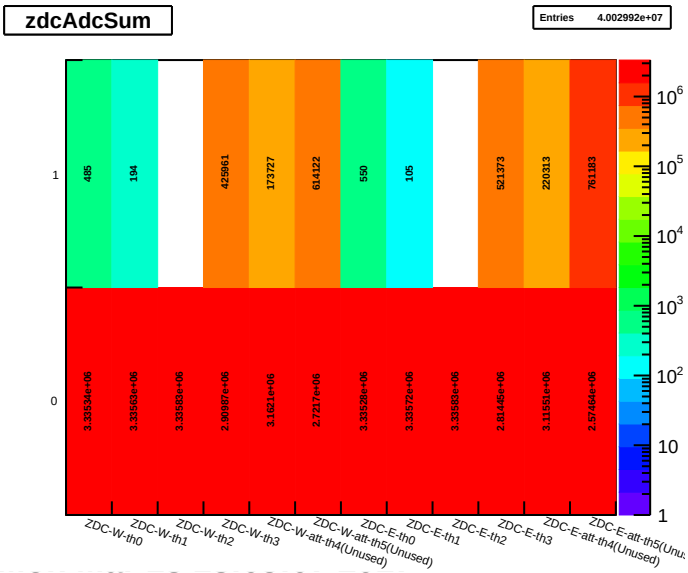

vpdWestTacSumVsSimu
Entries 2622899
Data
Simu

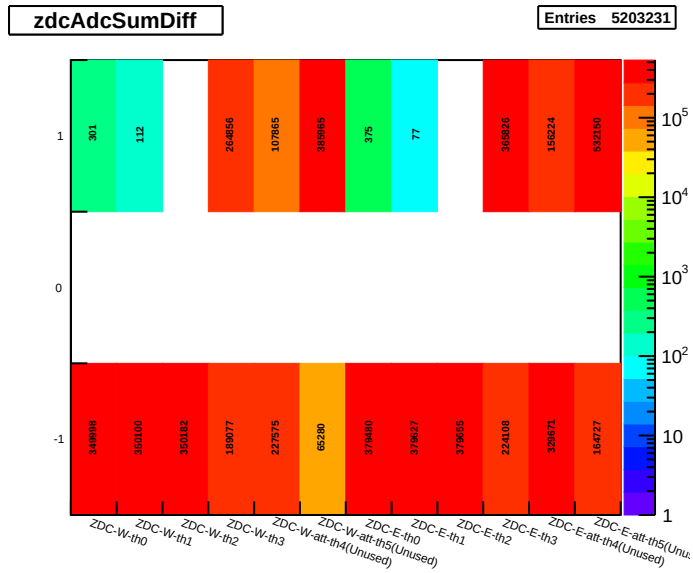

zdcEastTac
Entries3335827

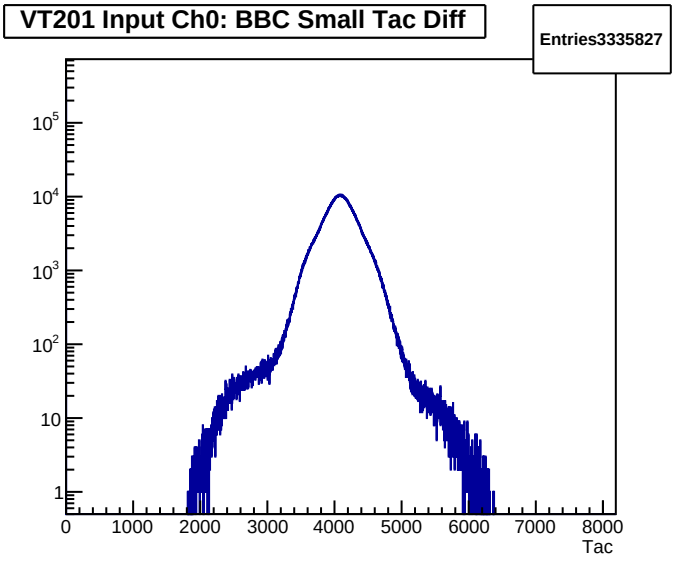

zdcEastTacVsSimu
Entries 590626
Data
Simu

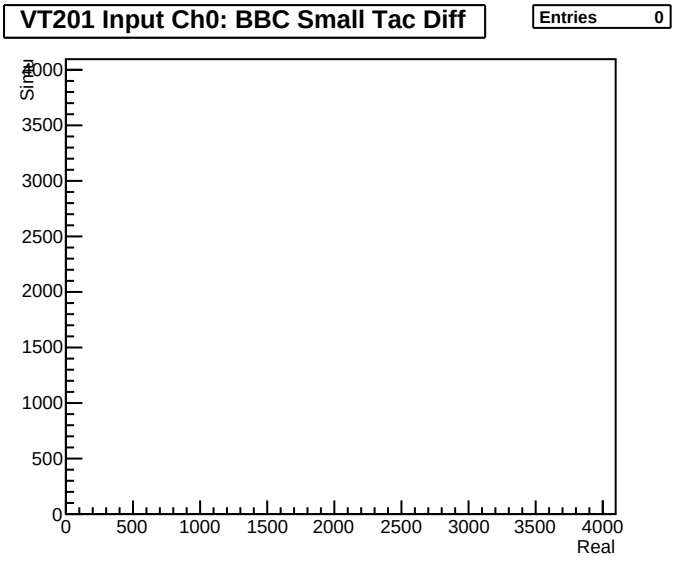

zdcWestTac
Entries3335827

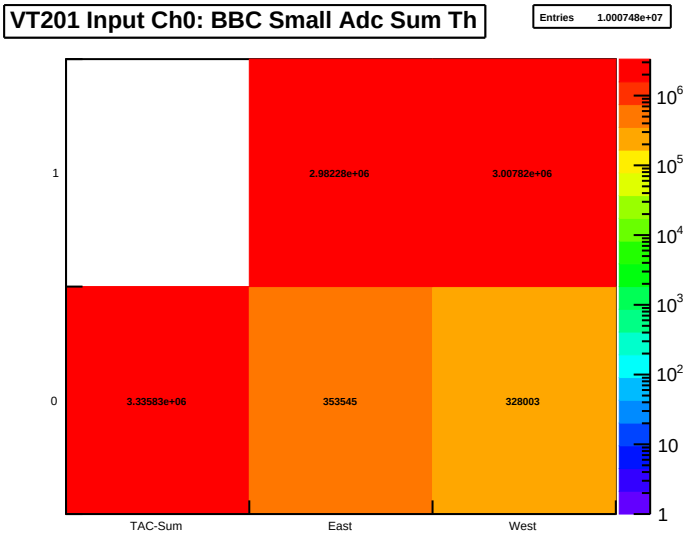

zdcWestTacVsSimu
Entries 434403
Data
Simu

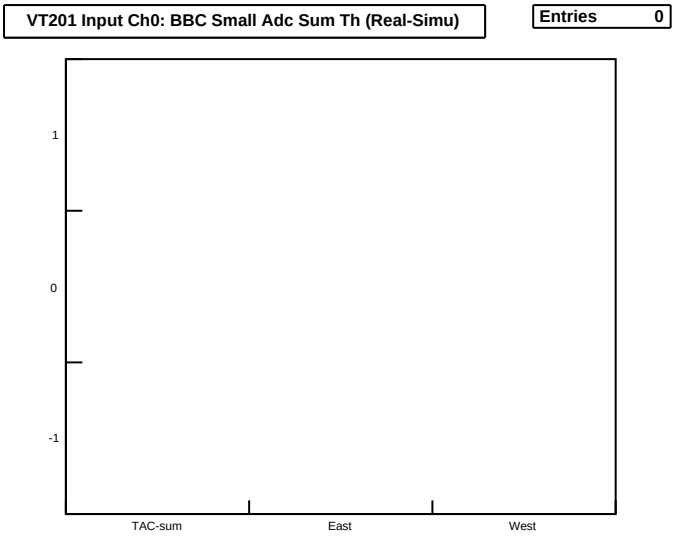

zdcAdcSum
Entries 4.002992e+07
485
194
425961
173727
614122
550
105
521373
220313
761183
3.33534e+06
3.33563e+06
3.33583e+06
2.90987e+06
3.11621e+06
2.72117e+06
3.33528e+06
3.33572e+06
3.33583e+06
2.81445e+06
3.11551e+06
2.57464e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

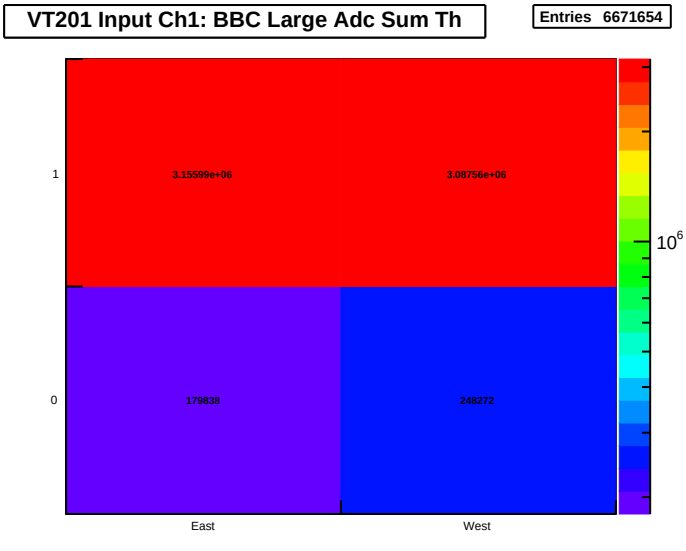

zdcAdcSumDiff
Entries 5203231
301
112
264856
107865
385965
375
77
365826
156224
532150
349998
350100
350182
189077
227575
65280
379480
378627
378655
224108
329671
164727
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

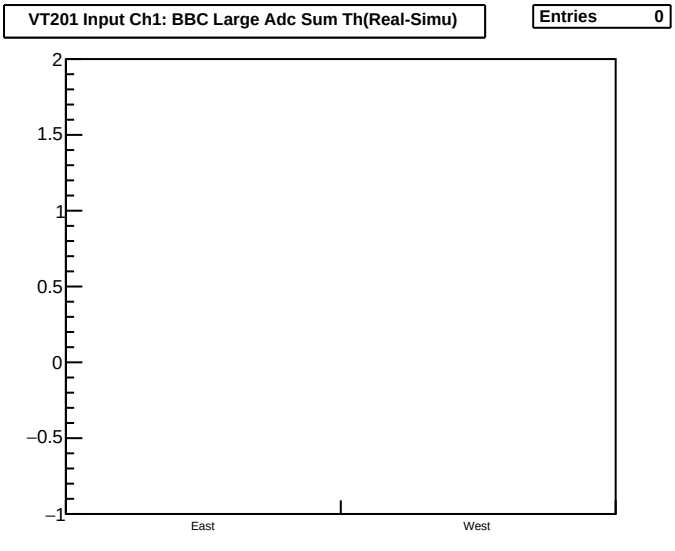

VT201 Input Ch0: BBC Small Tac Diff
Entries3335827
Tac


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

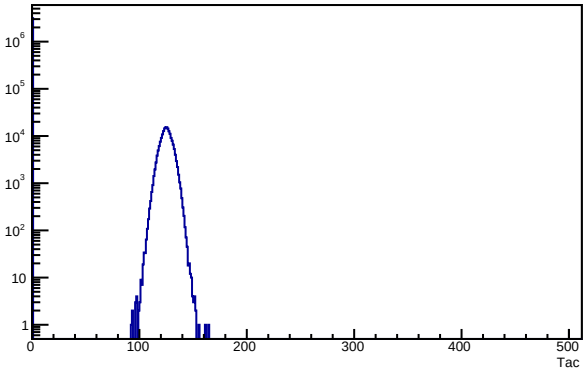

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.000748e+07
2.98228e+06
3.00782e+06
3.33583e+06
353545
328003
TAC-Sum
East
West


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

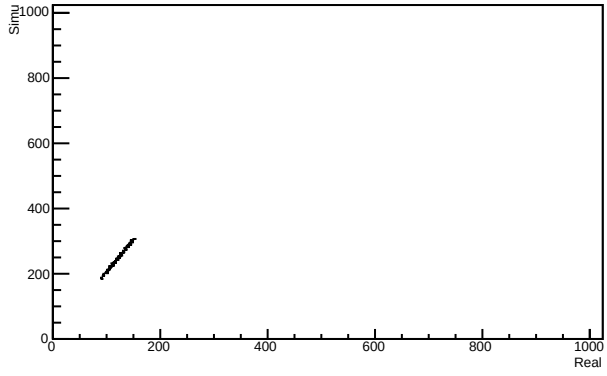

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 6671654
3.15599e+06
3.08756e+06
179838
248272
East
West


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

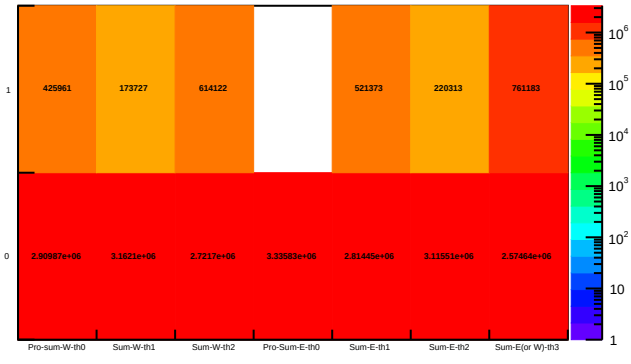
VT201 Input Ch2: ZDC Tac Diff



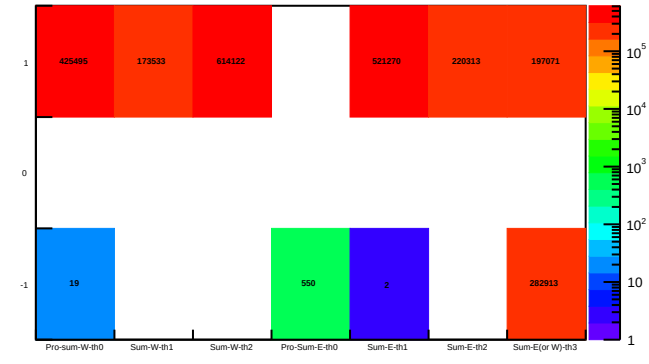
VT201 Input Ch2: ZDC Tac Diff



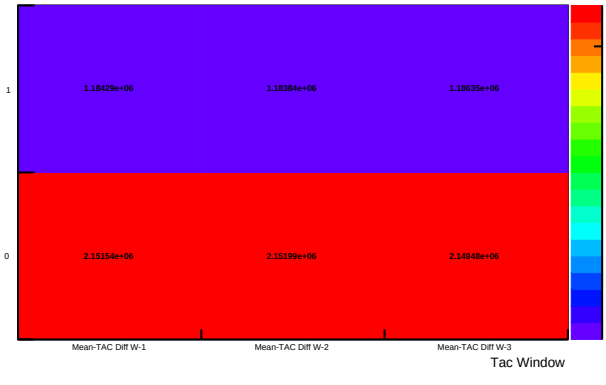
VT201 Input Ch2: ZDC Adc Sum Th



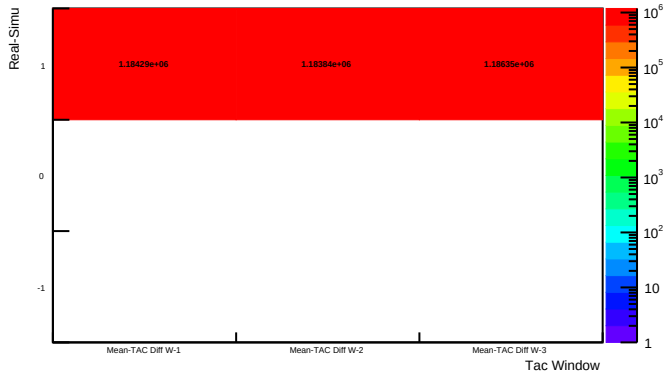
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



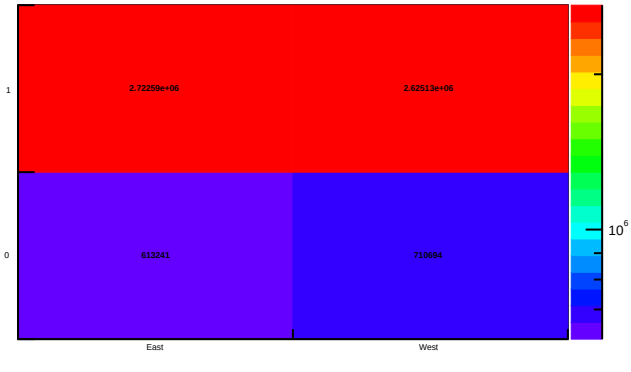
VT201 Input Ch4: VPD Tac Diff



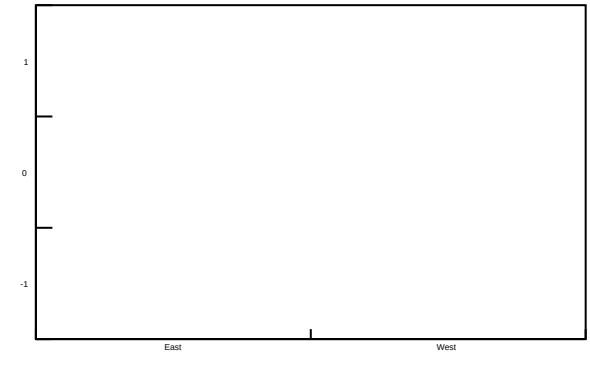
VT201 Input Ch4: VPD Tac Diff

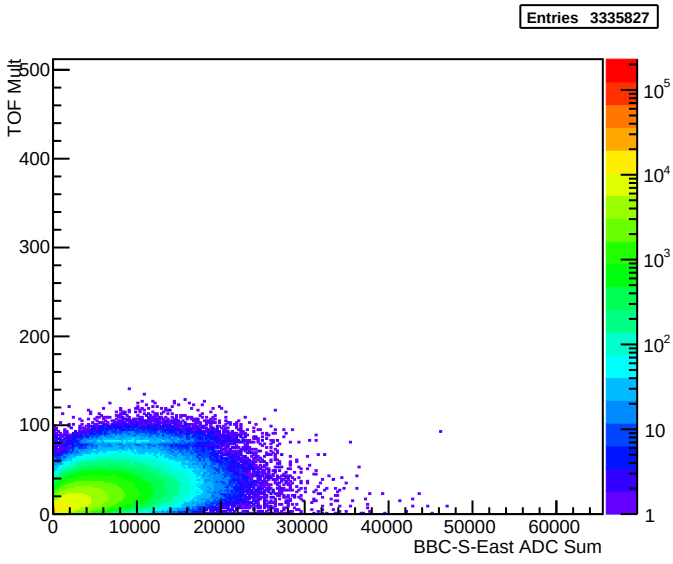


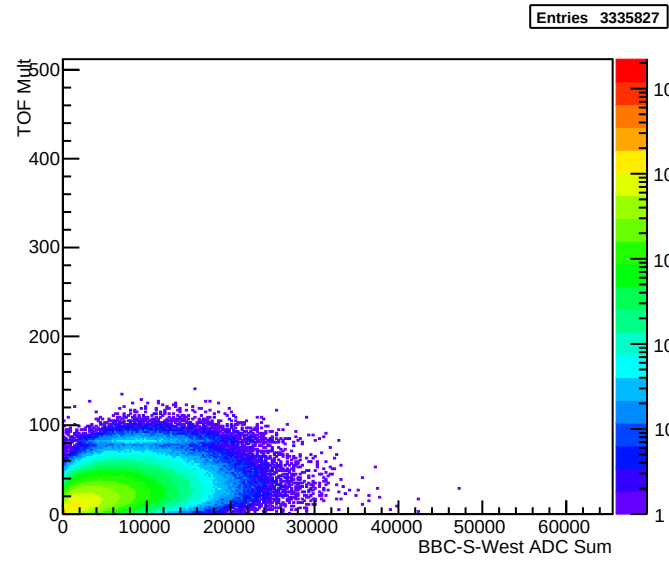
VT201 Input Ch4: VPD Adc Sum Th

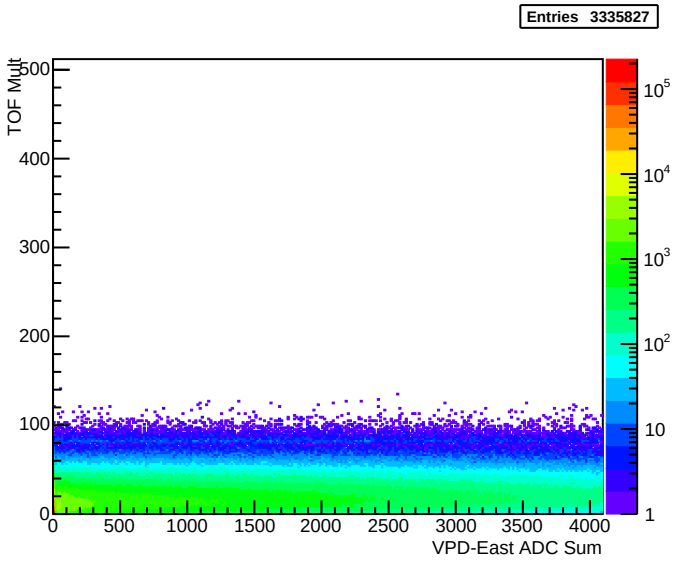


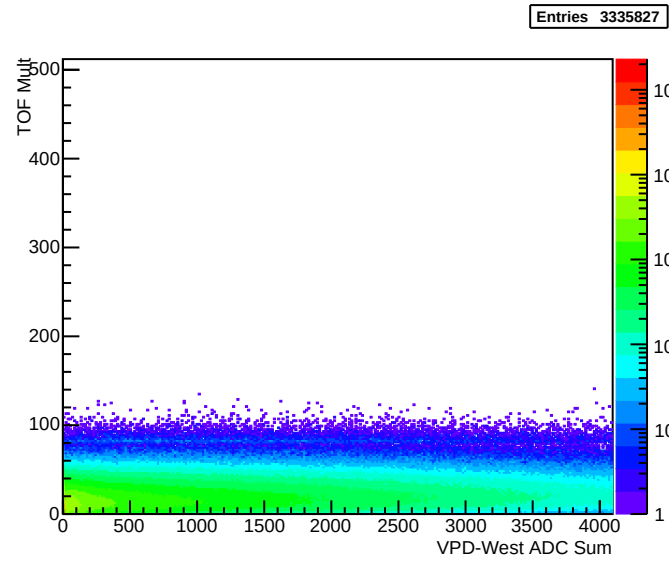
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

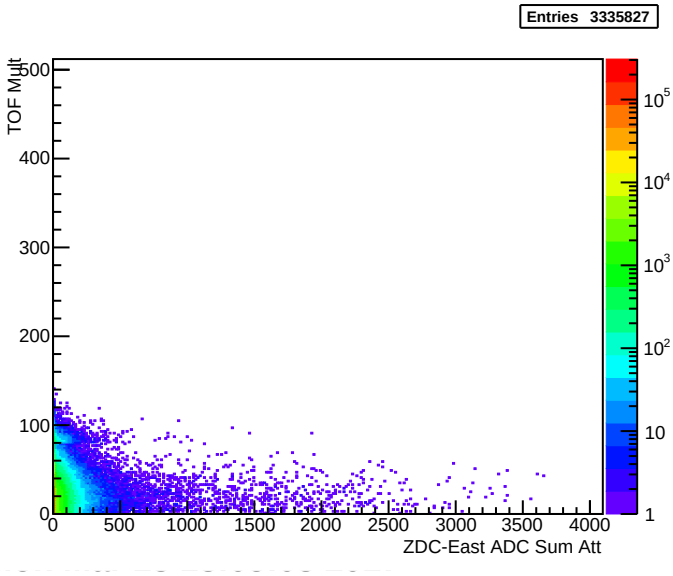


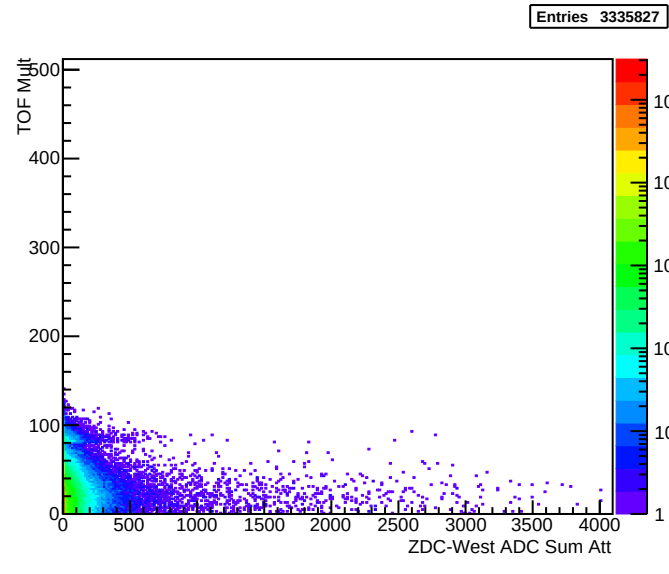

Entries 3335827
TOF Mult
BBC-S-East ADC Sum

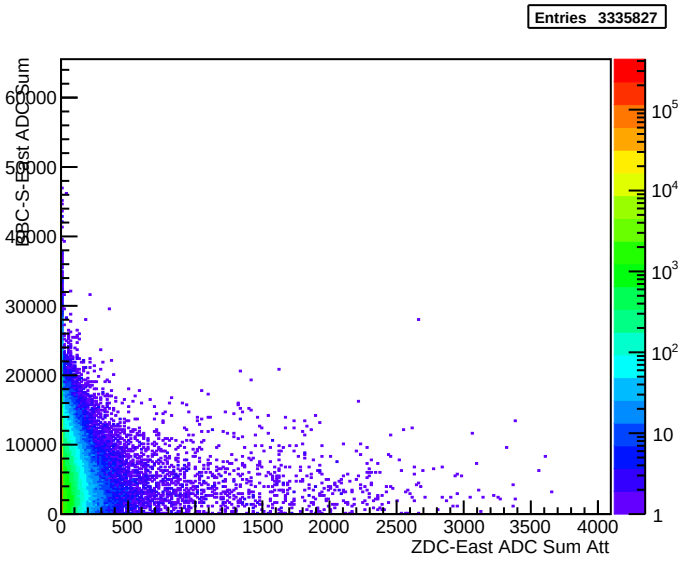

Entries 3335827
TOF Mult
BBC-S-West ADC Sum

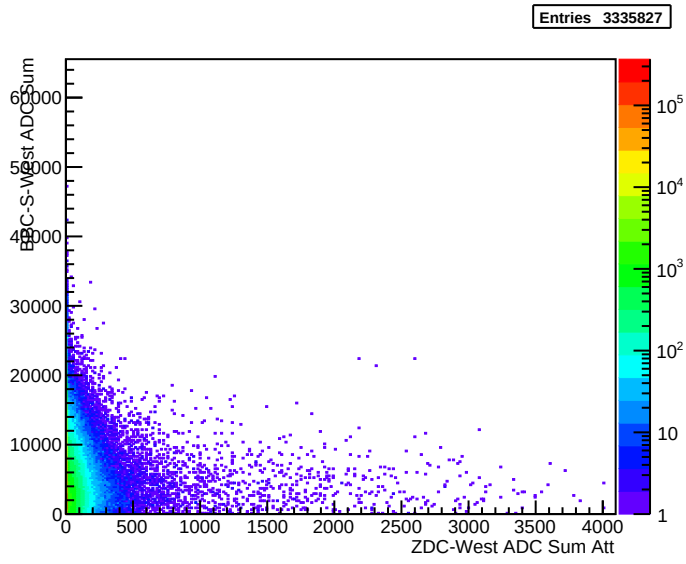

Entries 3335827
TOF Mult
VPD-East ADC Sum

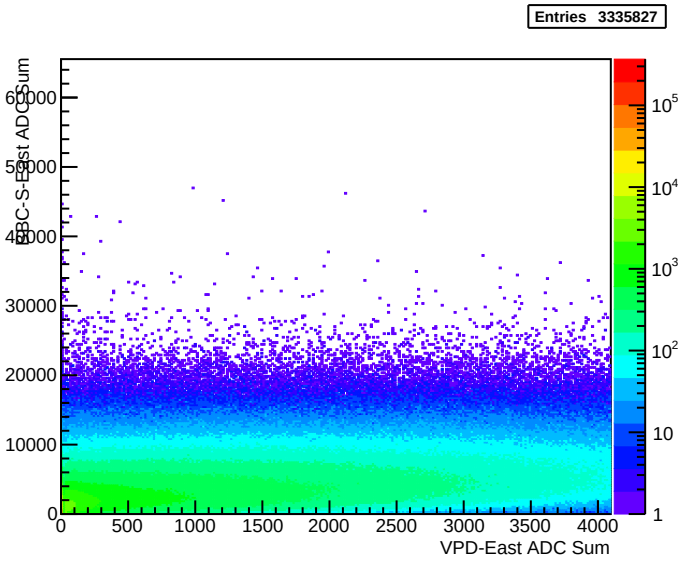

Entries 3335827
TOF Mult
VPD-West ADC Sum

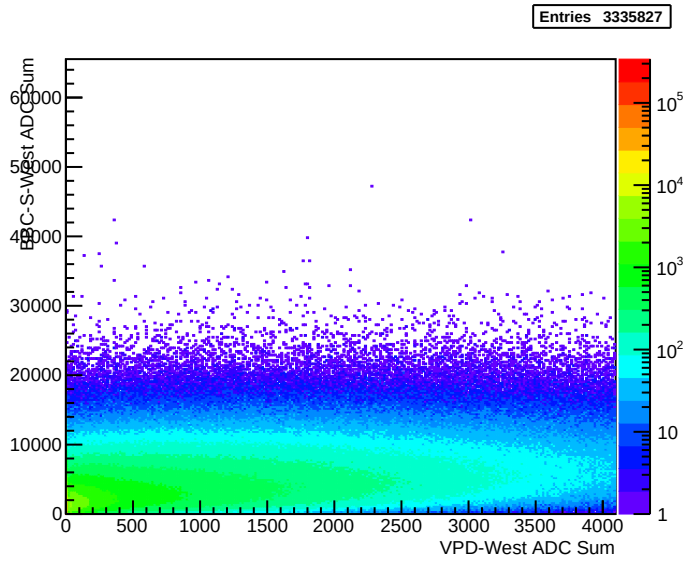

Entries 3335827
TOF Mult
ZDC-East ADC Sum Att

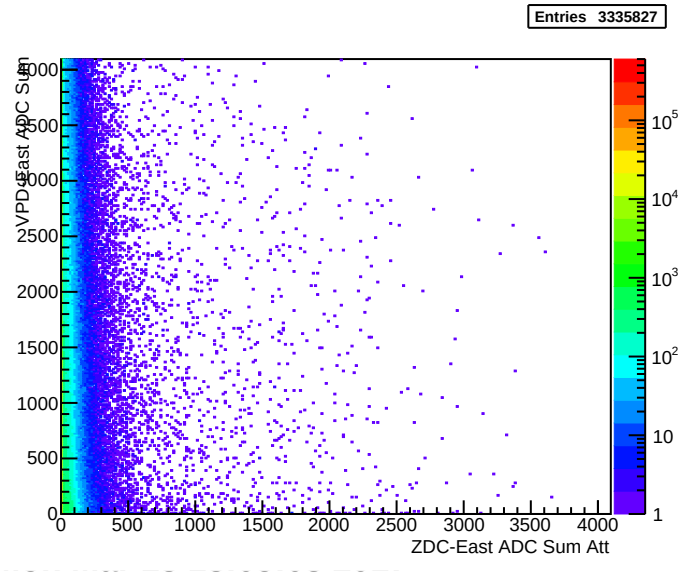

Entries 3335827
TOF Mult
ZDC-West ADC Sum Att

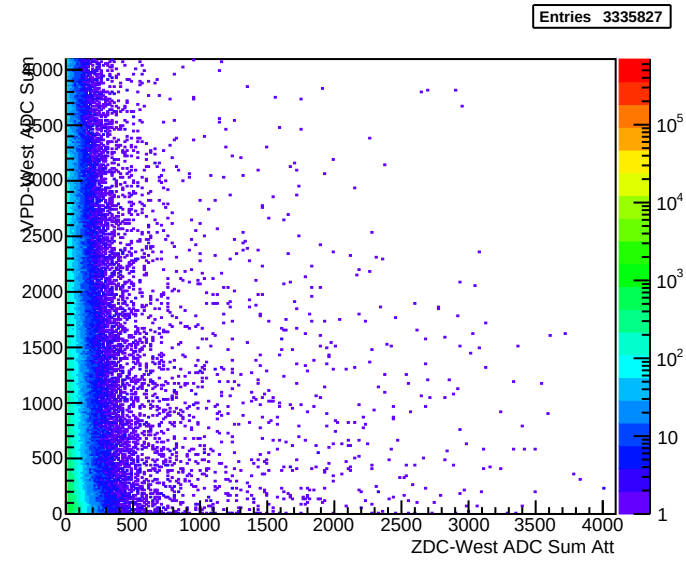

Entries 3335827
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

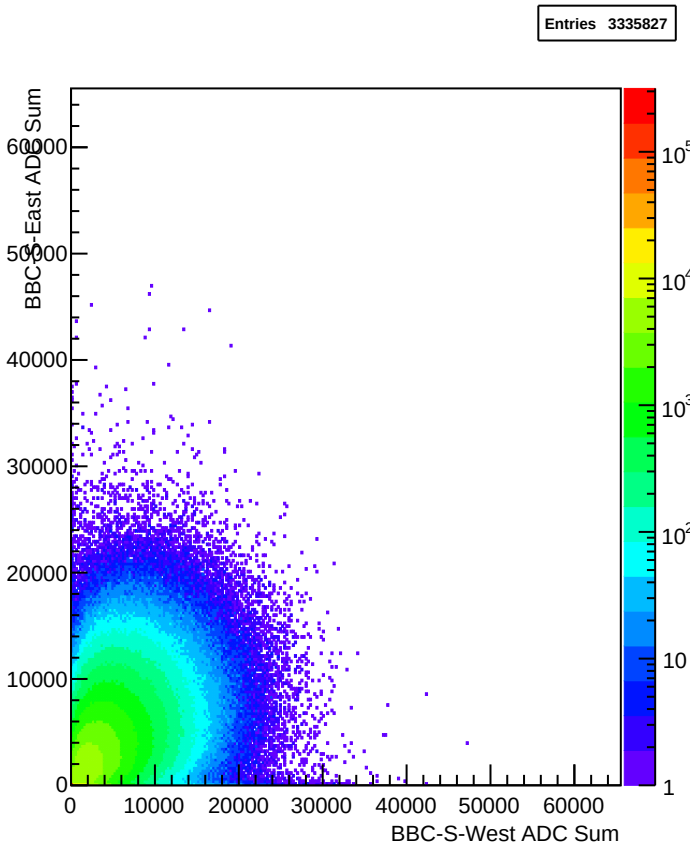

Entries 3335827
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

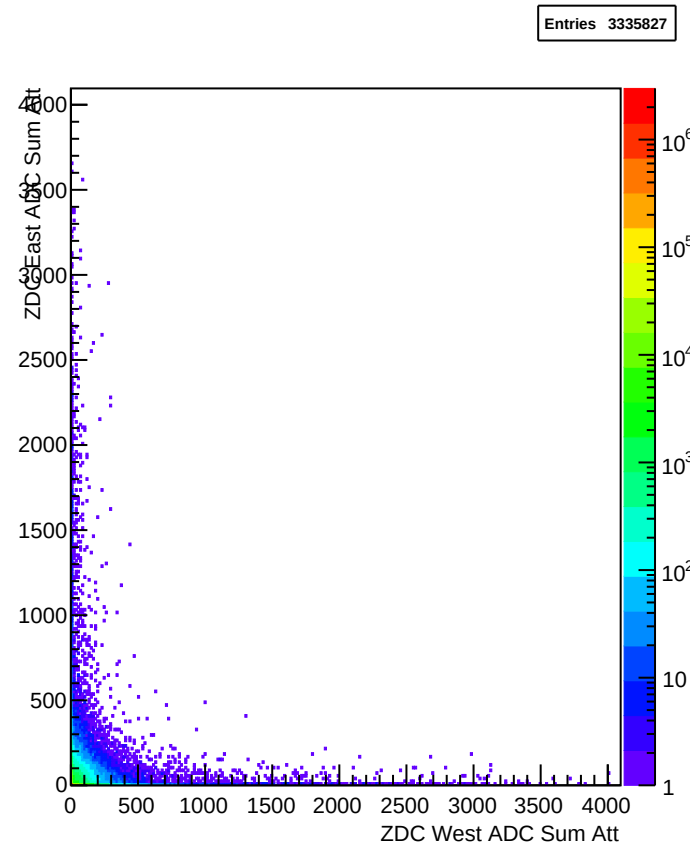

Entries 3335827
BBC-S-East ADC Sum
VPD-East ADC Sum

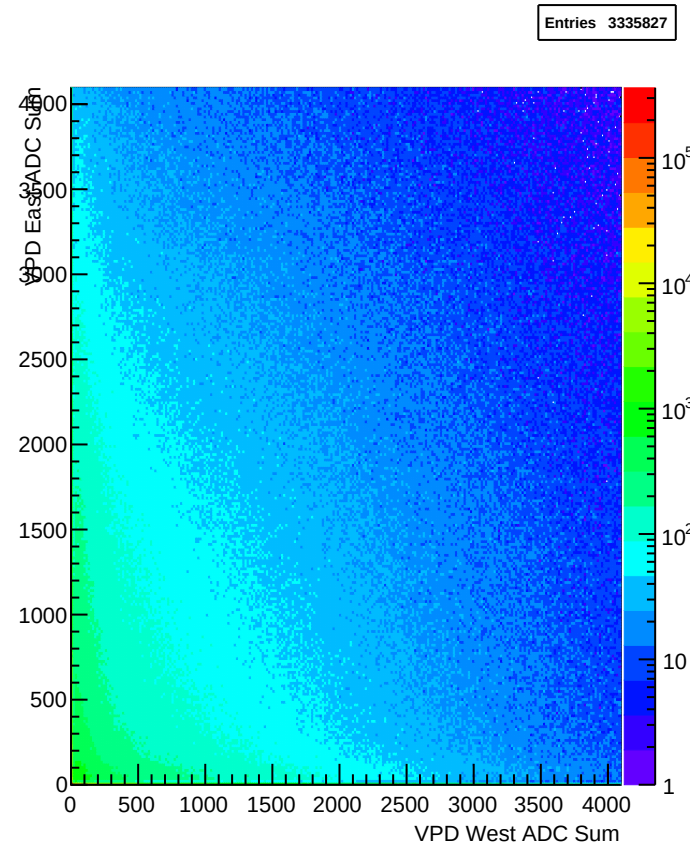

Entries 3335827
BBC-S-West ADC Sum
VPD-West ADC Sum

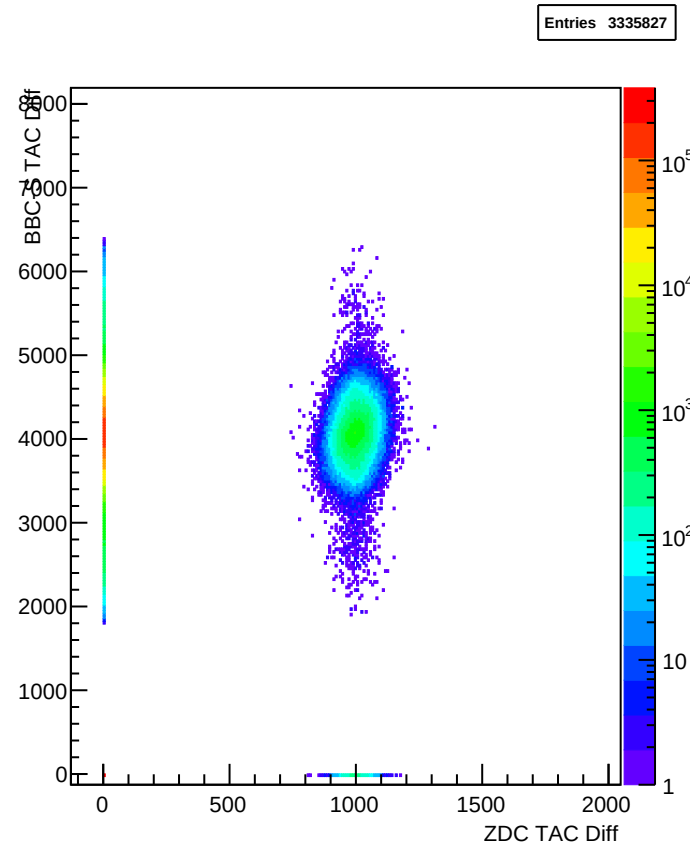

Entries 3335827
VPD-East ADC Sum
ZDC-East ADC Sum Att

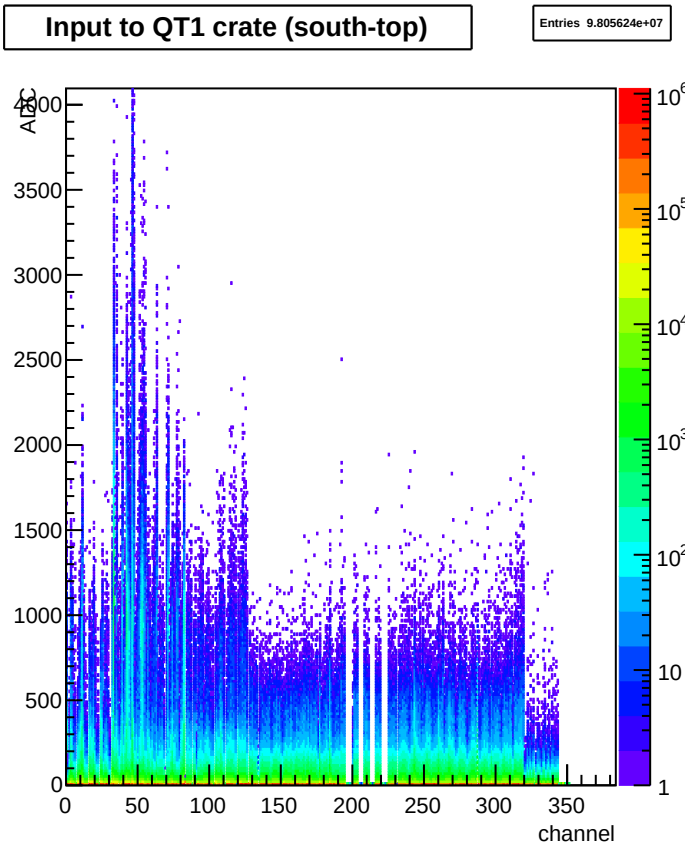

Entries 3335827
VPD-West ADC Sum
ZDC-West ADC Sum Att

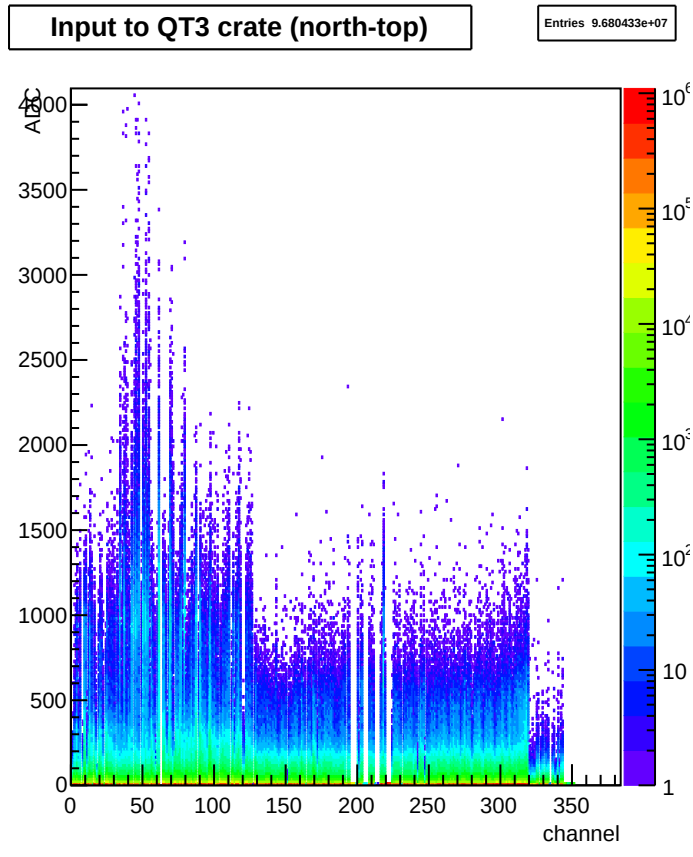

Entries 3335827
BBC-S-East ADC Sum
BBC-S-West ADC Sum

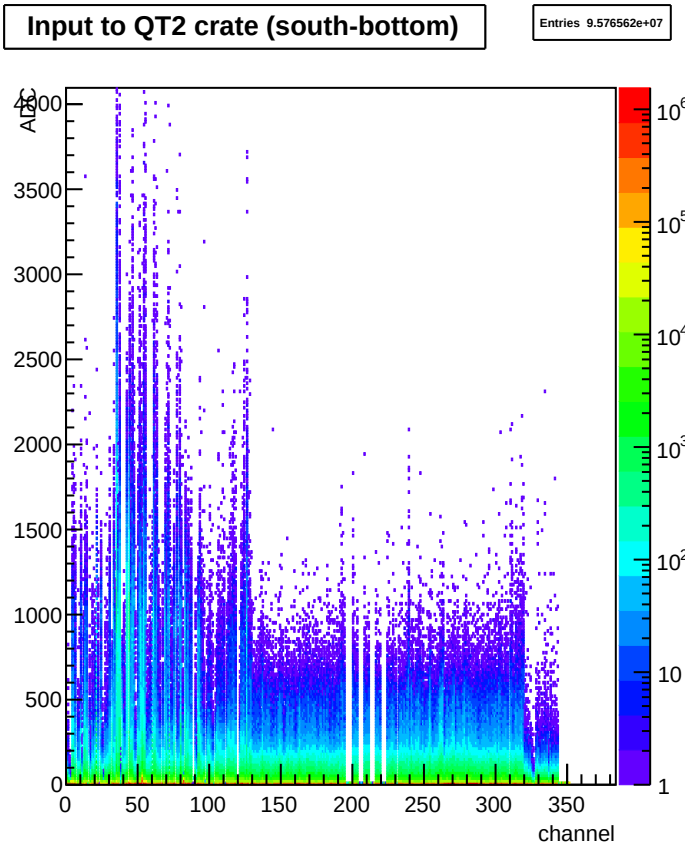

Entries 3335827
ZDC East ADC Sum Att
ZDC West ADC Sum Att

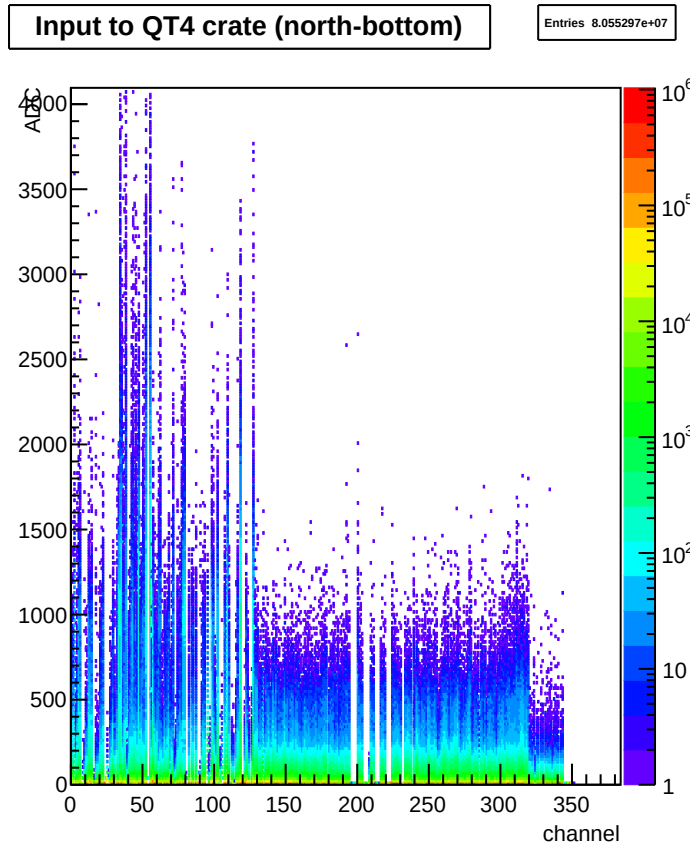

Entries 3335827
VPD East ADC Sum
VPD West ADC Sum

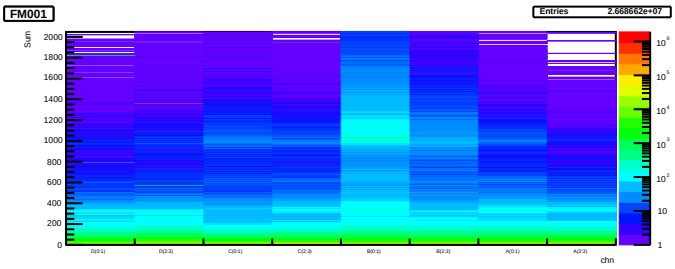

Entries 3335827
BBC-S TAC Diff
ZDC TAC Diff

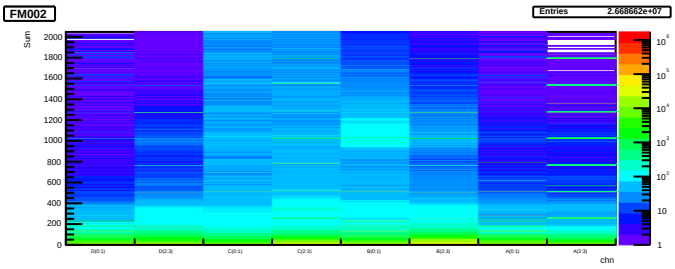

Input to QT1 crate (south-top)
Entries 9.805624e+07
ADC
channel

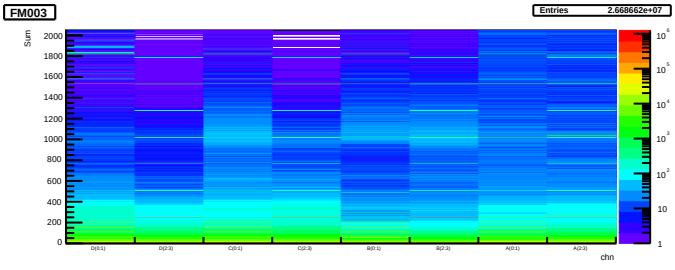

Input to QT3 crate (north-top)
Entries 9.680433e+07
ADC
channel

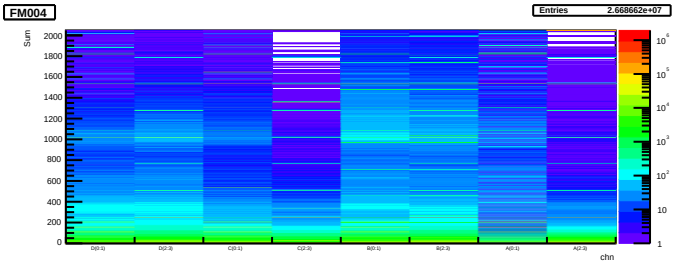

Input to QT2 crate (south-bottom)
Entries 9.576562e+07
ADC
channel

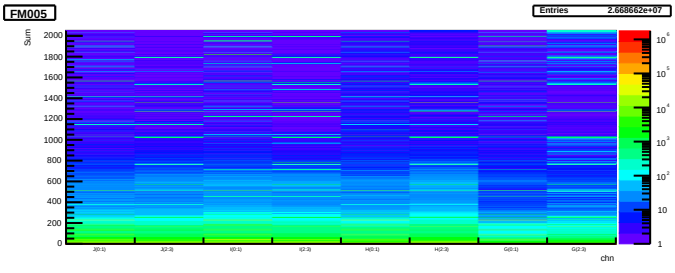

Input to QT4 crate (north-bottom)
Entries 8.055297e+07
ADC
channel

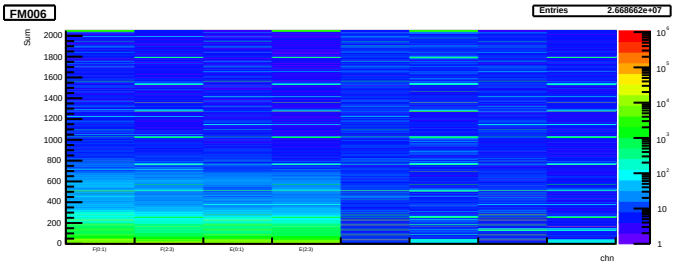

FM001
Entries 2.668662e+07
Sum
chn


FM002
Entries 2.668662e+07
Sum
chn


FM003
Entries 2.668662e+07
Sum
chn


FM004
Entries 2.668662e+07
Sum
chn


FM005
Entries 2.668662e+07
Sum
chn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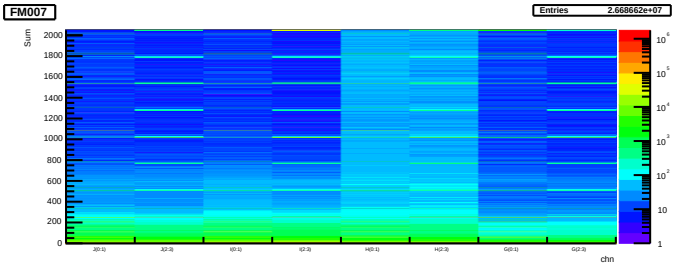
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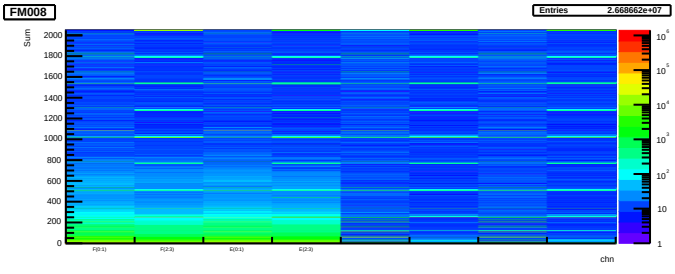
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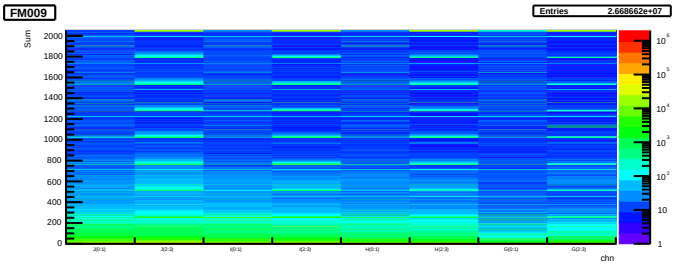
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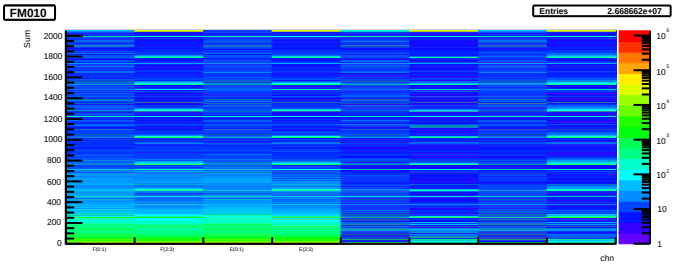
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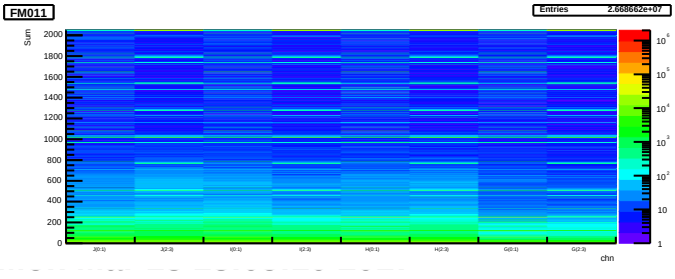
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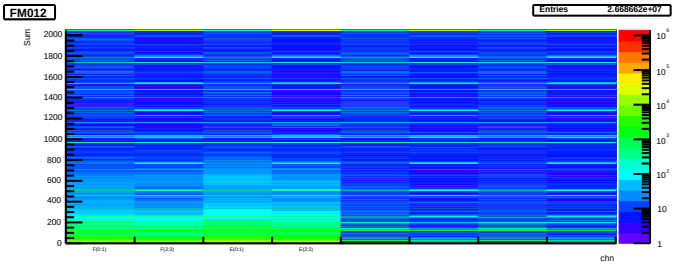
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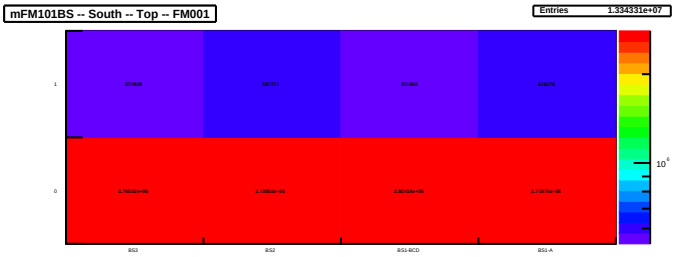
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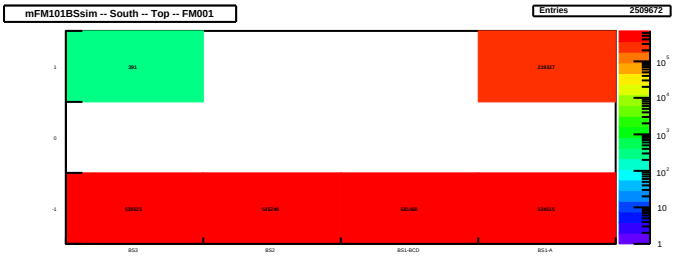
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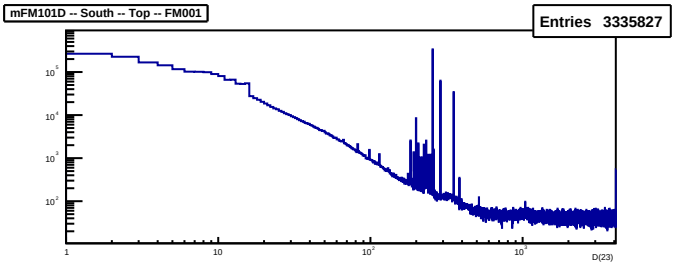
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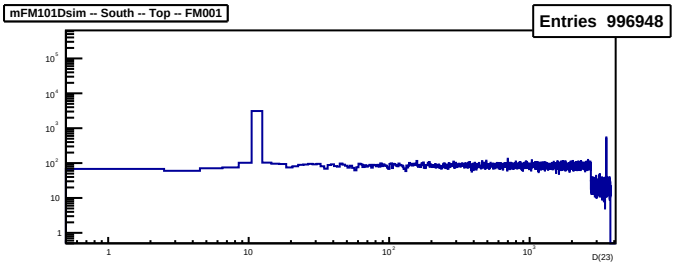
Entries 3335827
D(23)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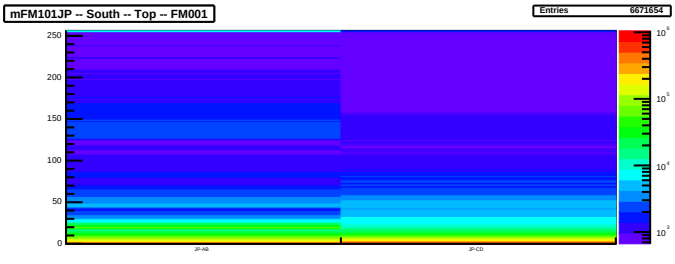
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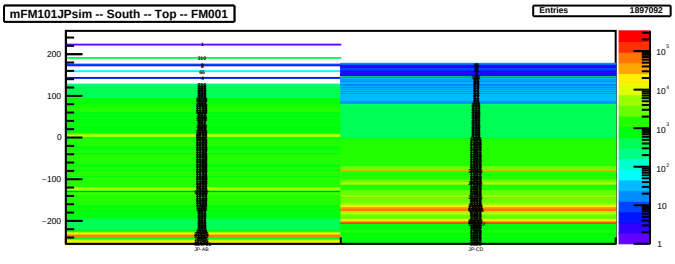
Entries 6671654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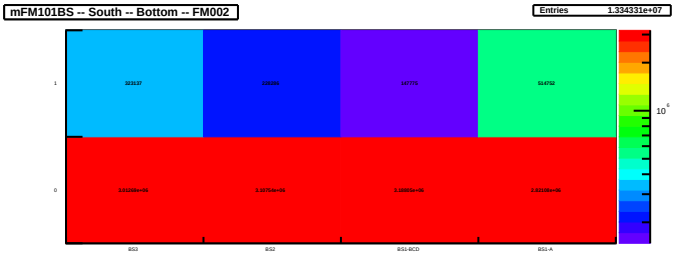
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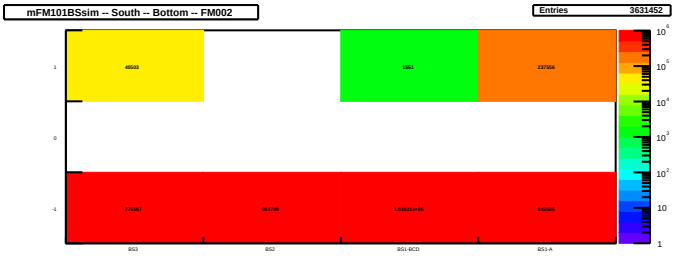
Entries 1.334331e+07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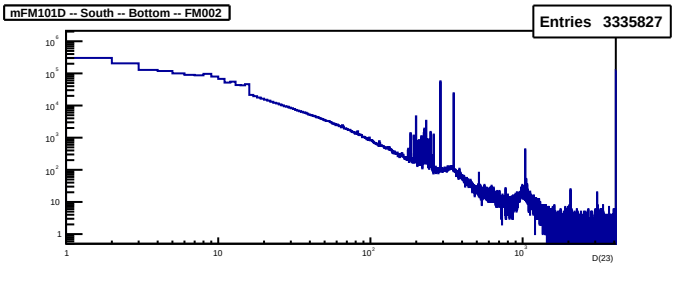
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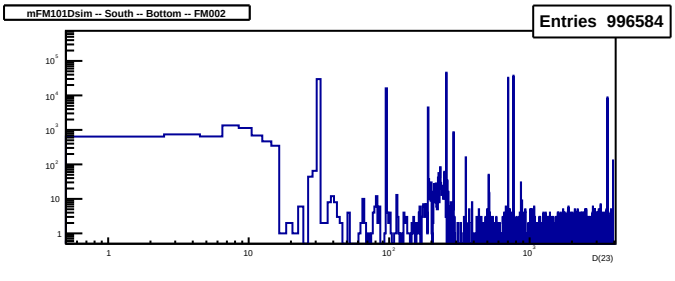
Entries 3335827
D(23)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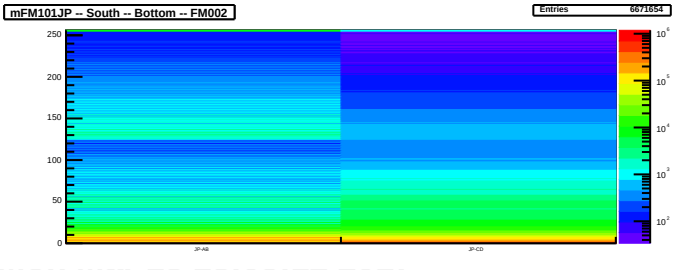
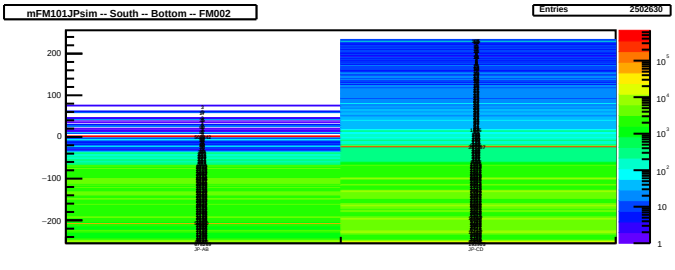

mFM101JP -- South -- Bottom -- FM002
Entries 6671654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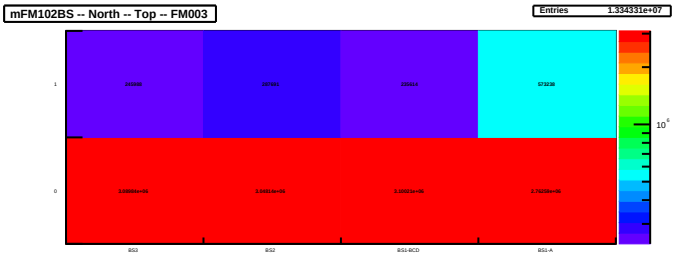
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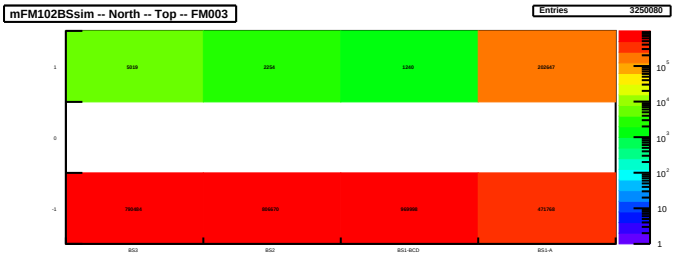
Entries 1.334331e+07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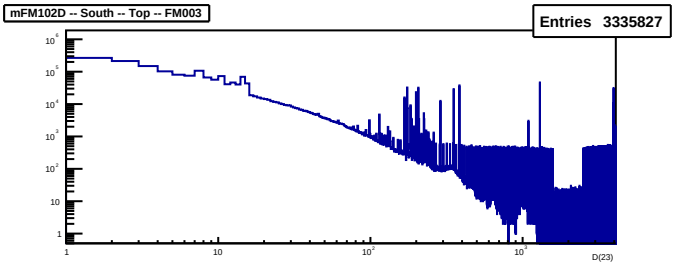
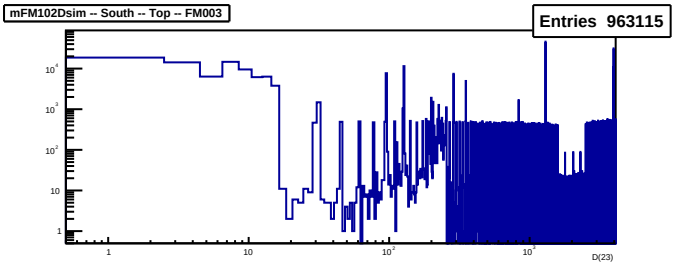

mFM102D -- South -- Top -- FM003
Entries 3335827
D(23)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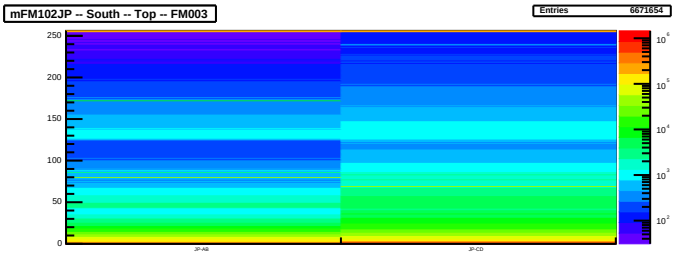
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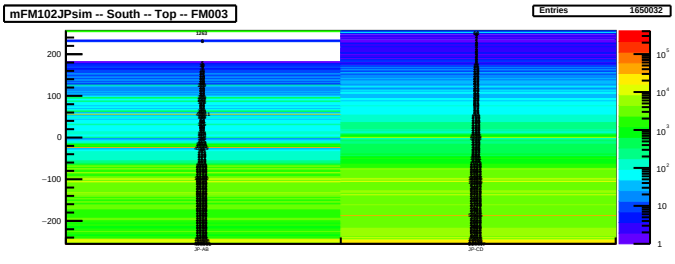
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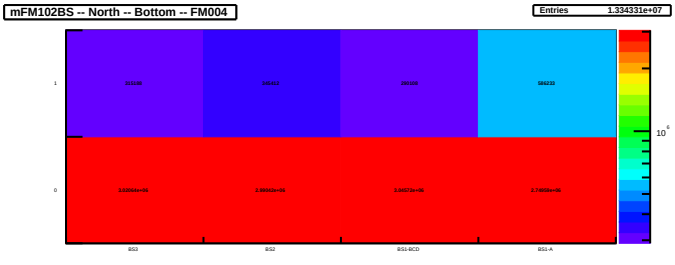
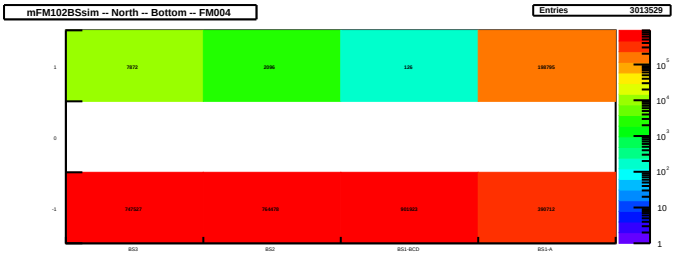

mFM102BS -- North -- Bottom -- FM004
Entries 1.334331e+07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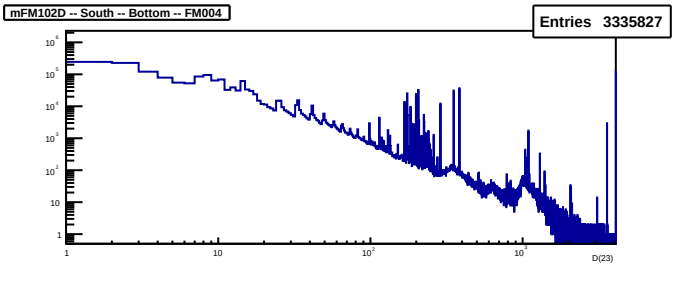
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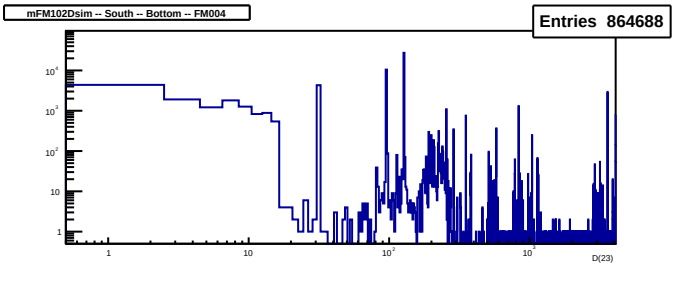
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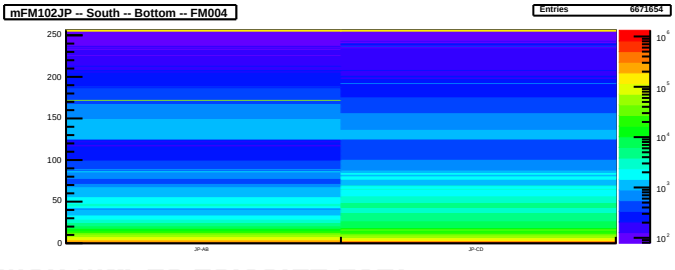
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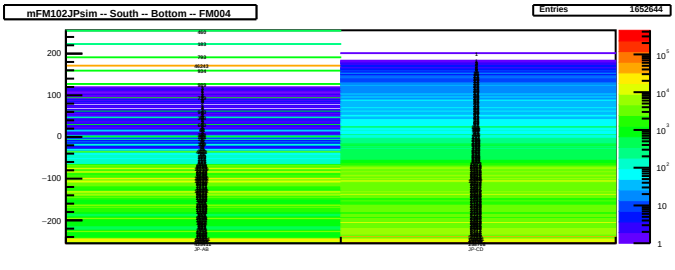
Entries 6671654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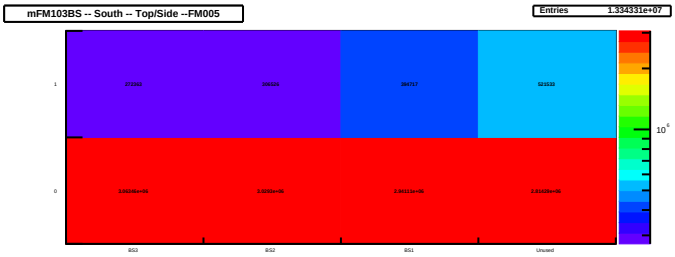
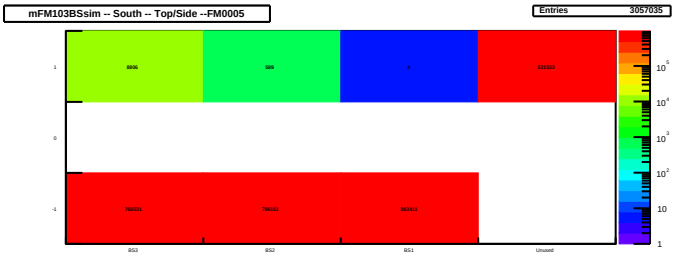

mFM103BS -- South -- Top/Side --FM005
Entries 1.334331e+07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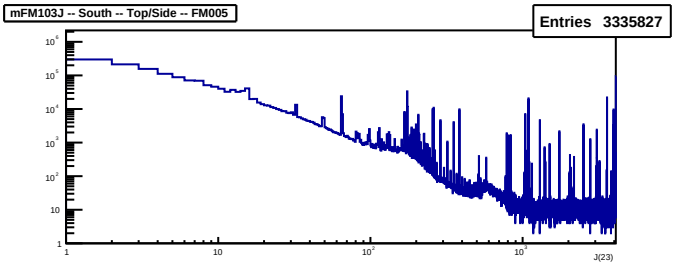
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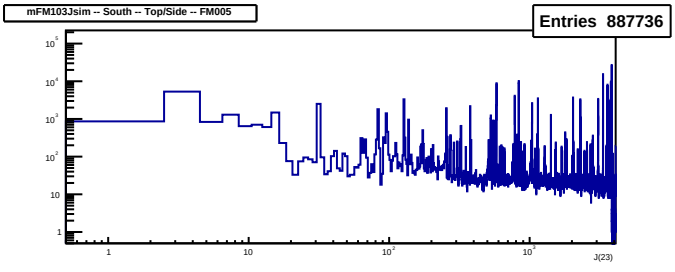
Entries 3335827
J(23)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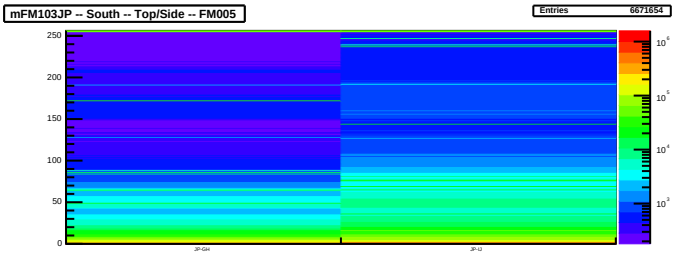
J(23)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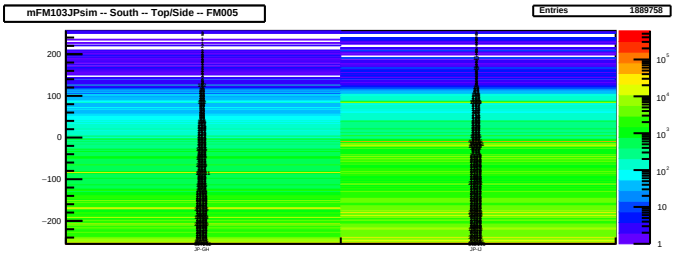
Entries 6671654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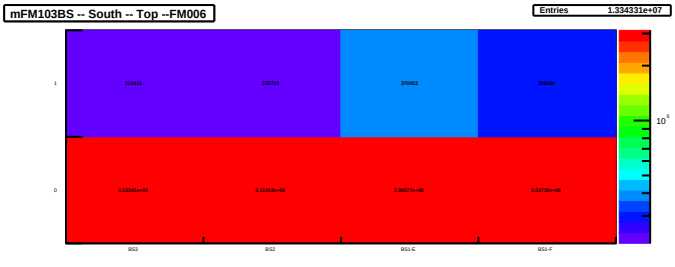
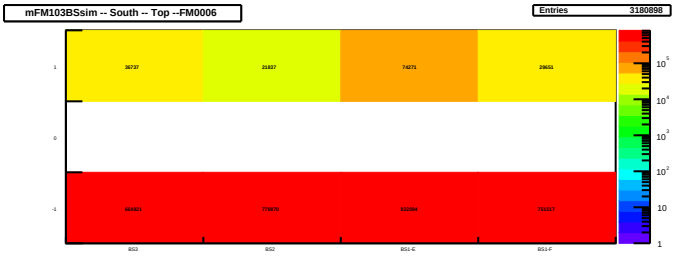

mFM103BS -- South -- Top --FM006
Entries 1.334331e+07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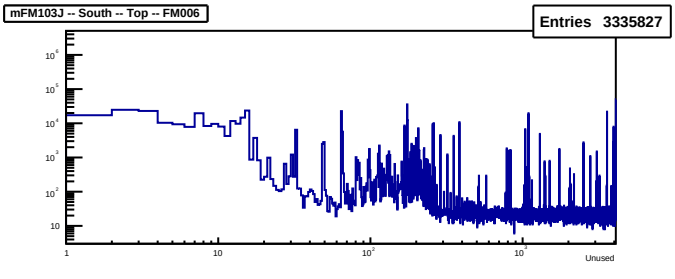
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Entries 3335827
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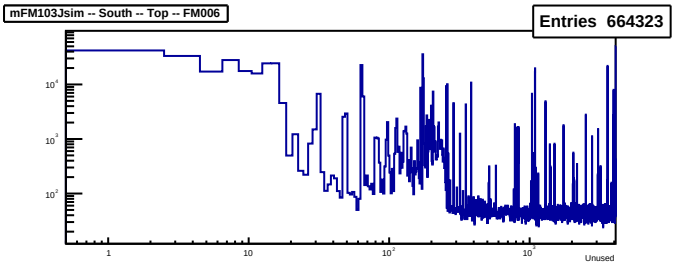
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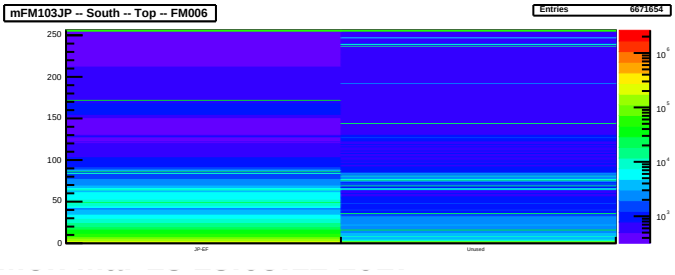
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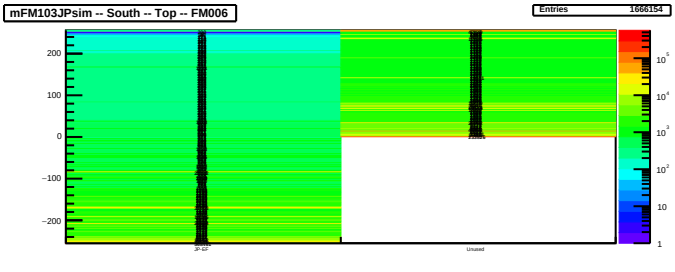
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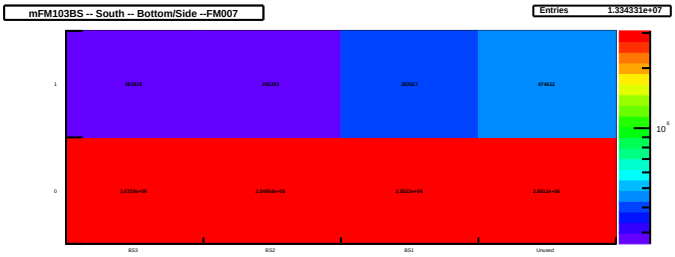
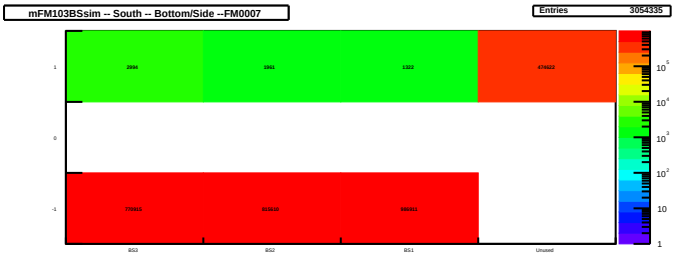

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.334331e+07
BS3
BS2
BS1
Unused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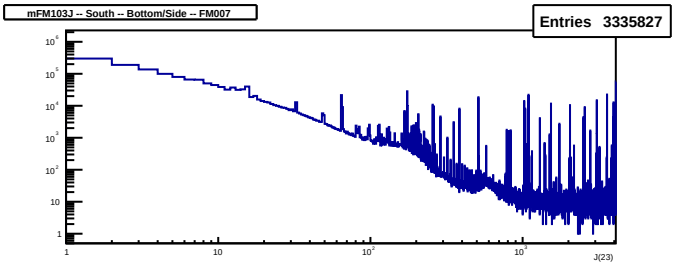
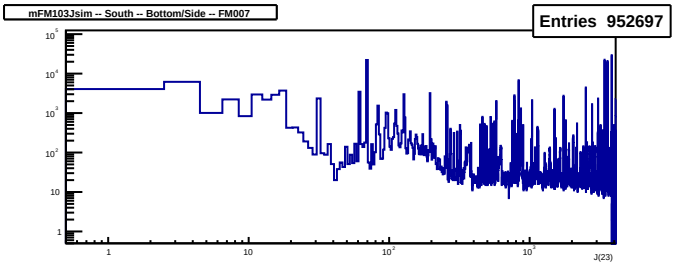
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 3335827
J(23)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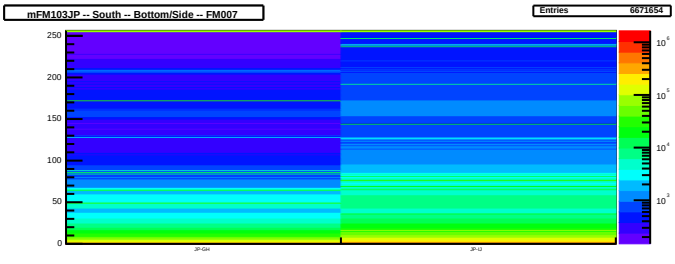
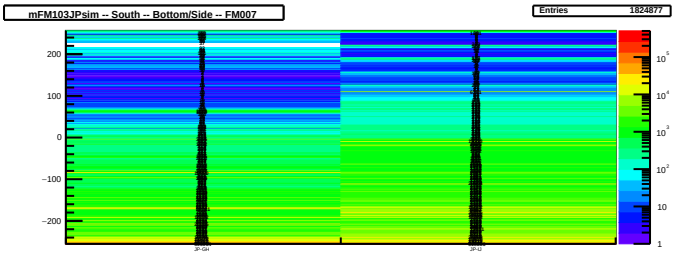
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 6671654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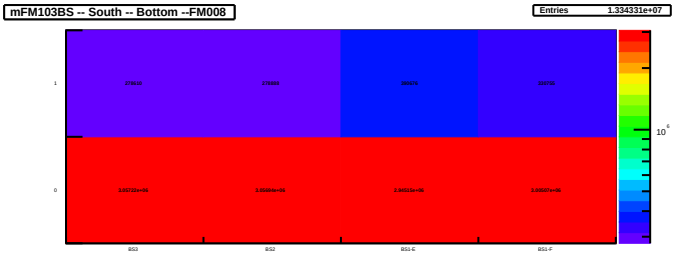
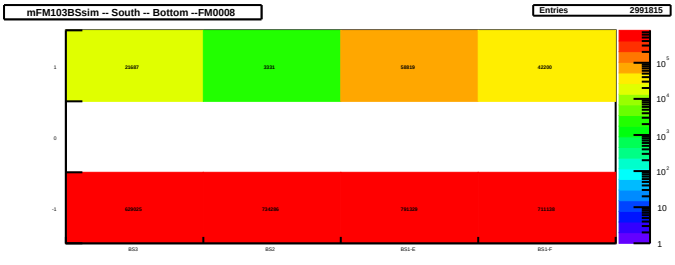
Entries 1824877


mFM103BS -- South -- Bottom --FM008
Entries 1.334331e+07
BS3
BS2
BS1-E
BS1-F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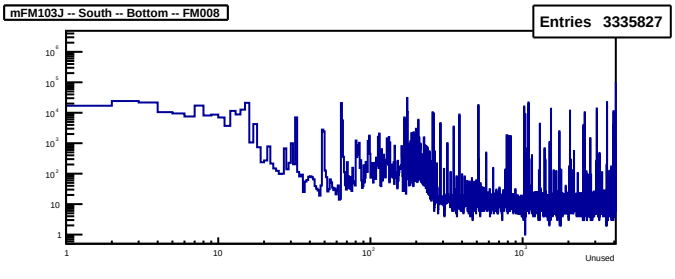
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 3335827
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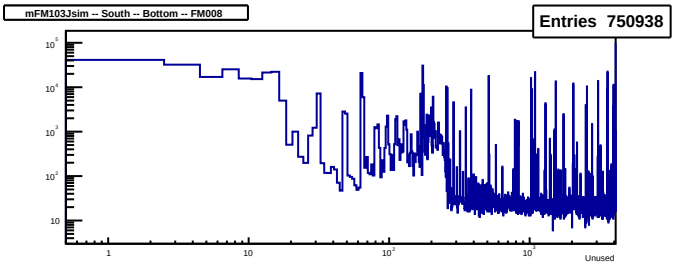
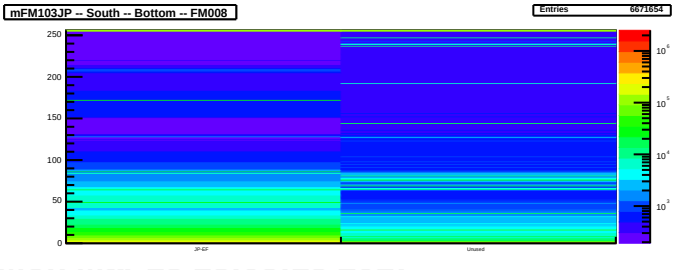
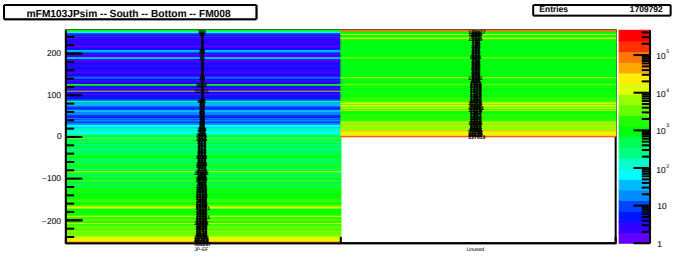
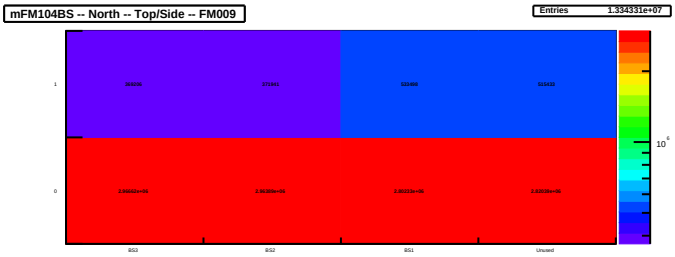
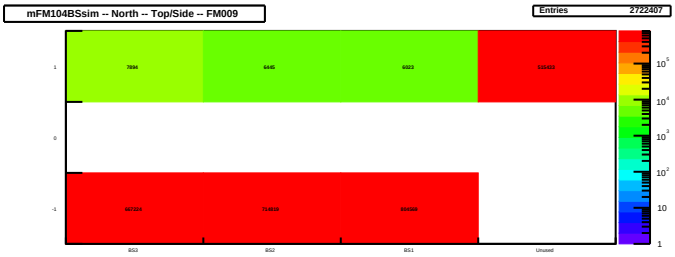
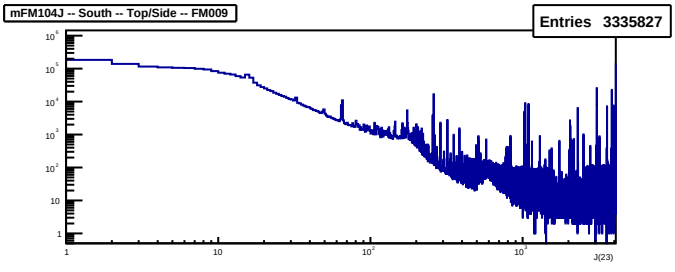

mFM103Jsim -- South -- Bottom -- FM008
Entries 750938
Unused

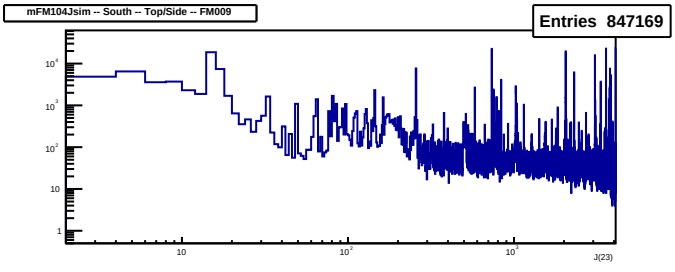

mFM103JP -- South -- Bottom -- FM008
Entries 6671654
Unused

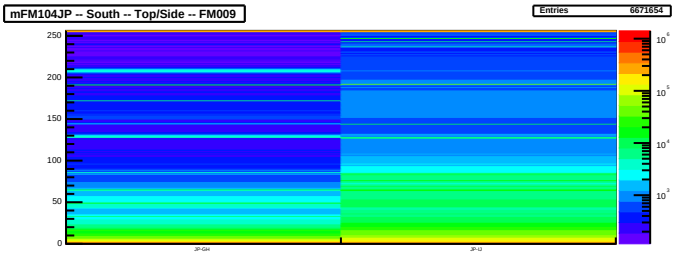

mFM103JPsim -- South -- Bottom -- FM008
Entries 1709792
Unused

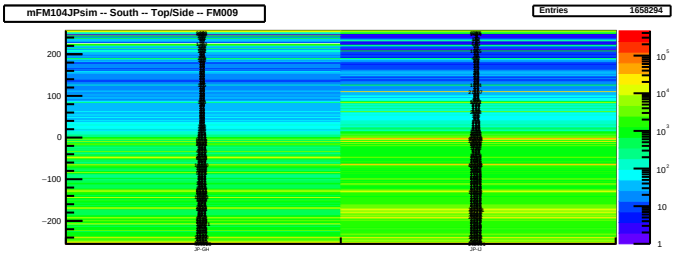

mFM104BS -- North -- Top/Side -- FM009
Entries 1.334331e+07
BS3
BS2
BS1
Unused


mFM104BSsim -- North -- Top/Side -- FM009
Entries 2722407
BS3
BS2
BS1
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 3335827
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 847169
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 6671654
JP-GH
JP-IJ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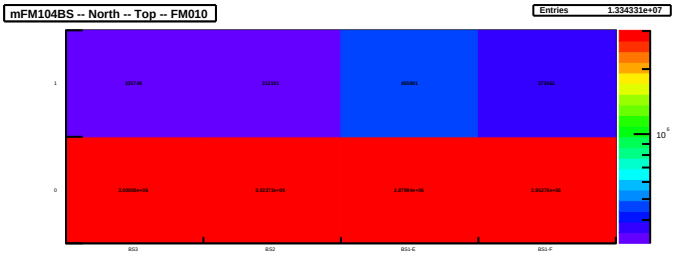
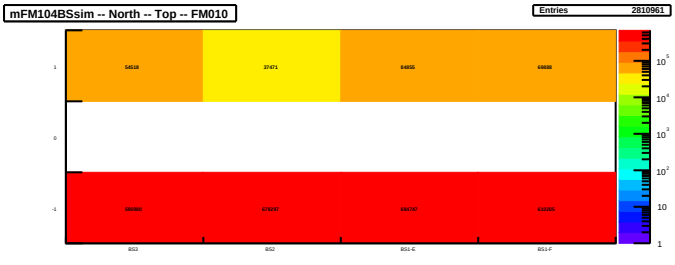
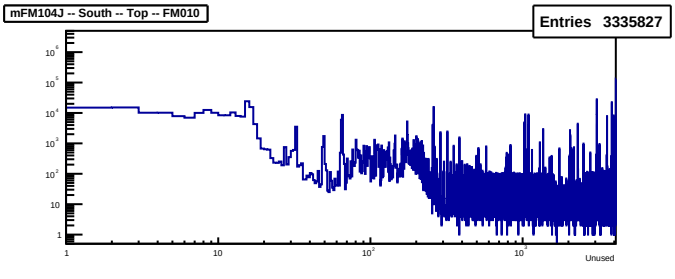
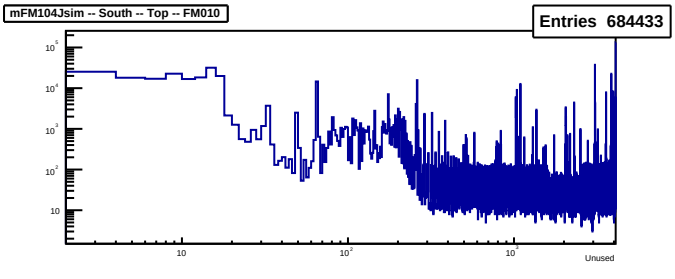
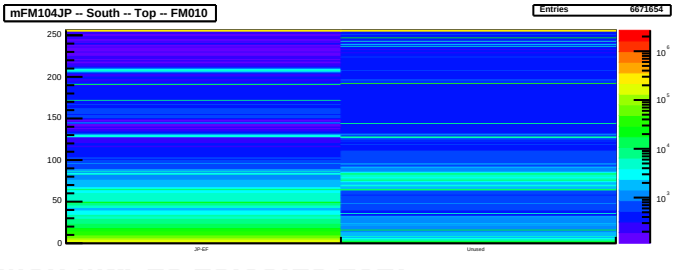
Entries 1658294
JP-GH
JP-IJ

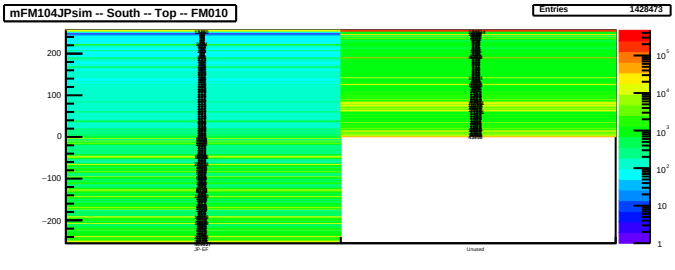

mFM104BS -- North -- Top -- FM010
Entries 1.334331e+07
BS3
BS2
BS1-E
BS1-F

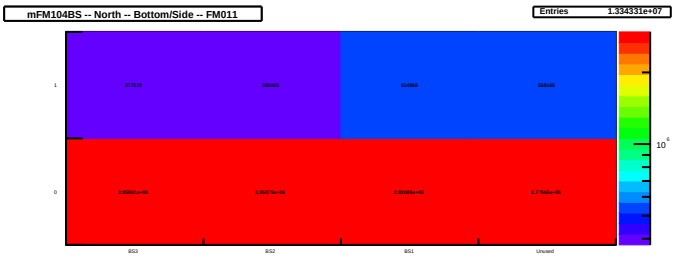

mFM104BSsim -- North -- Top -- FM010
Entries 2810961
BS3
BS2
BS1-E
BS1-F

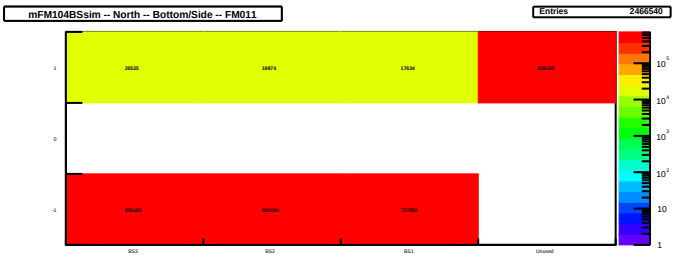

mFM104J -- South -- Top -- FM010
Entries 3335827
Unused

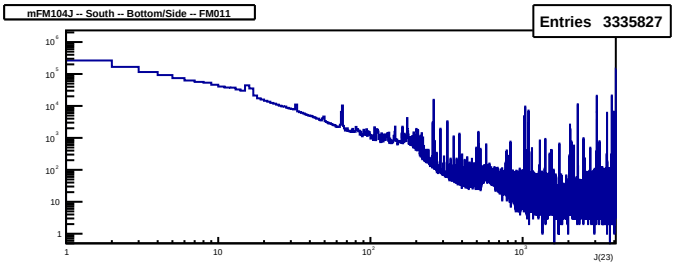

mFM104Jsim -- South -- Top -- FM010
Entries 684433
Unused

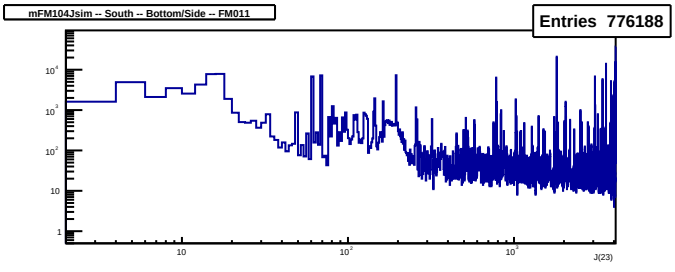

mFM104JP -- South -- Top -- FM010
Entries 6671654
JP-EF
Unused

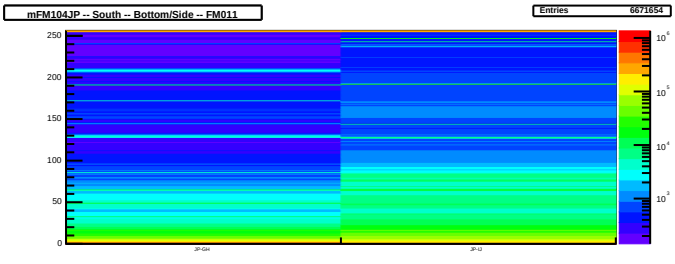

mFM104JPsim -- South -- Top -- FM010
Entries 1428473
JP-EF
Unused

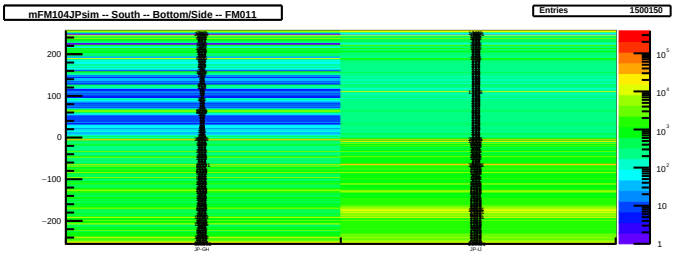

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.334331e+07

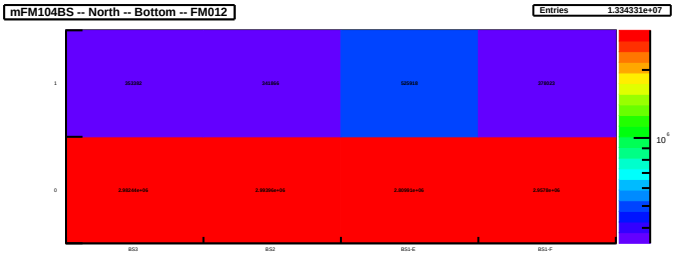

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2466540

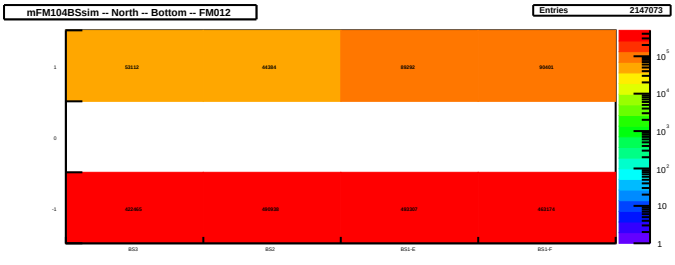

mFM104J -- South -- Bottom/Side -- FM011
Entries 3335827
J(23)

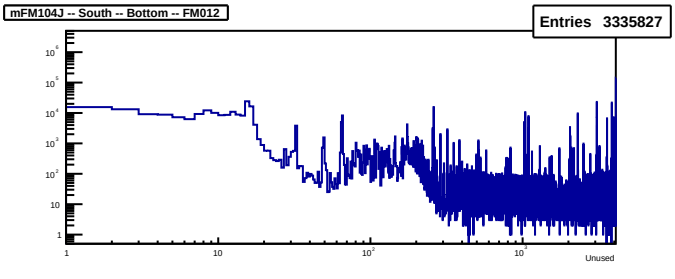

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 776188
J(23)

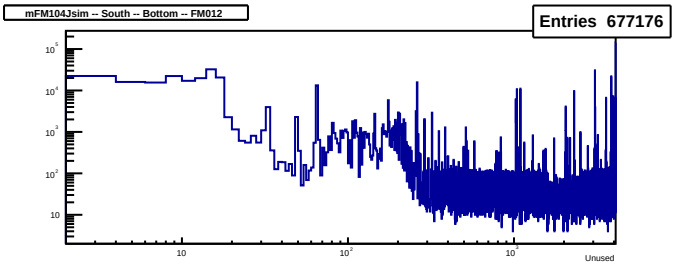

mFM104JP -- South -- Bottom/Side -- FM011
Entries 6671654

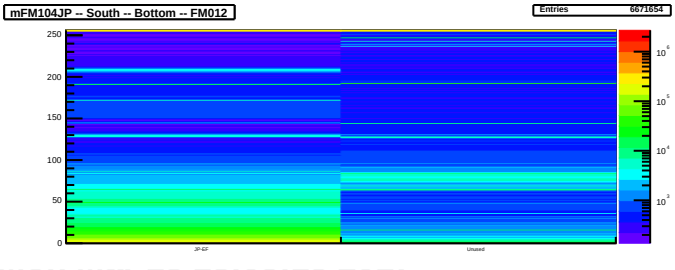

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1500150

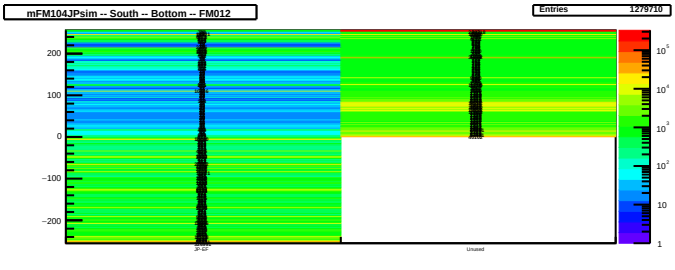

mFM104BS -- North -- Bottom -- FM012
Entries 1.334331e+07

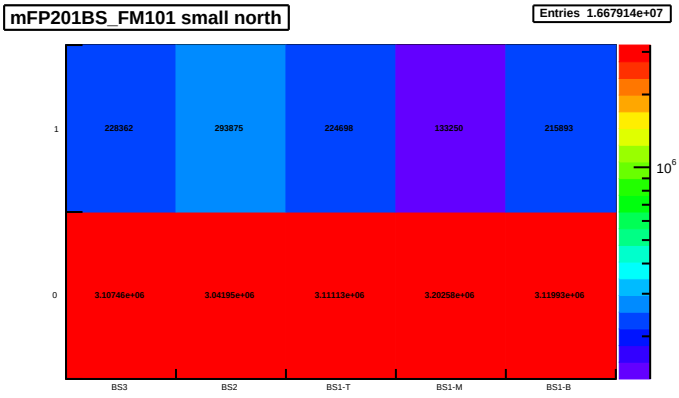

mFM104BSsim -- North -- Bottom -- FM012
Entries 2147073

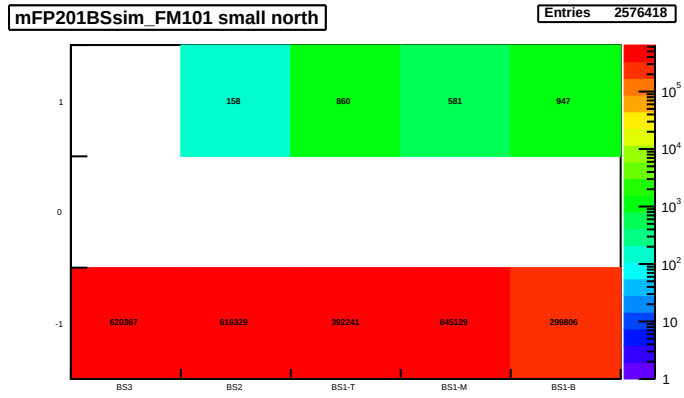

mFM104J -- South -- Bottom -- FM012
Entries 3335827
Unused

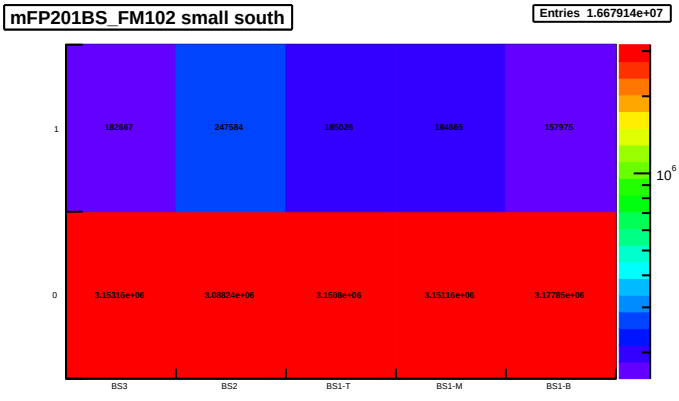

mFM104Jsim -- South -- Bottom -- FM012
Entries 677176
Unused

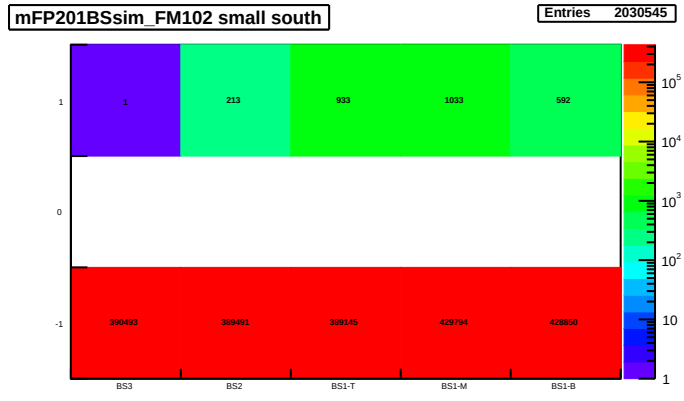

mFM104JP -- South -- Bottom -- FM012
Entries 6671654

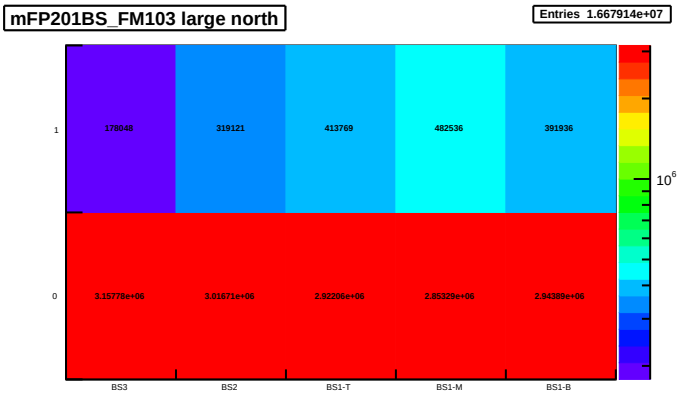

mFM104JPsim -- South -- Bottom -- FM012
Entries 1279710

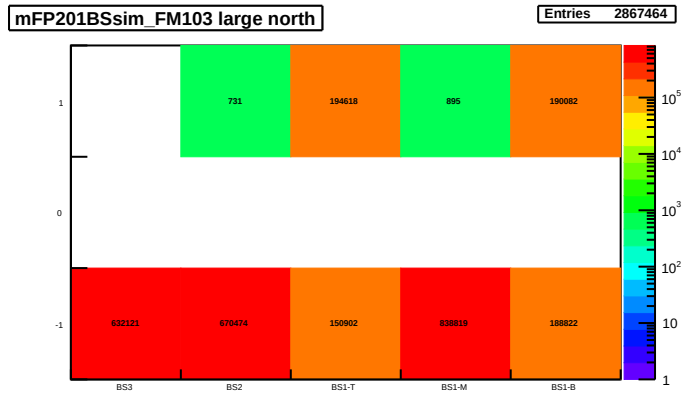

mFP201BS_FM101 small north
Entries 1.667914e+07
228362
293875
224698
133250
215893
3.10746e+06
3.04195e+06
3.11113e+06
3.20258e+06
3.11993e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

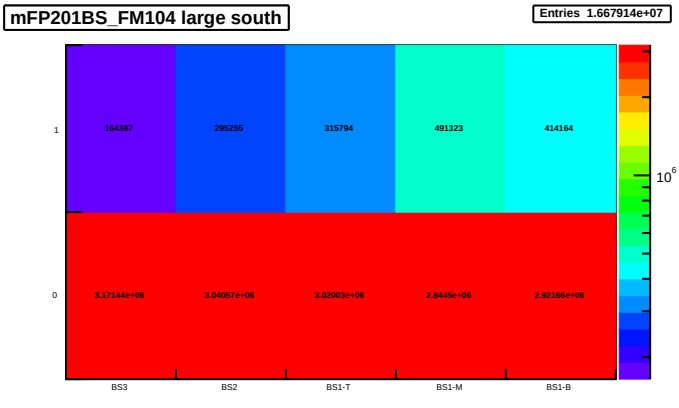

mFP201BSsim_FM101 small north
Entries 2576418
158
860
581
947
620367
616329
392241
645129
299806
BS3
BS2
BS1-T
BS1-M
BS1-B

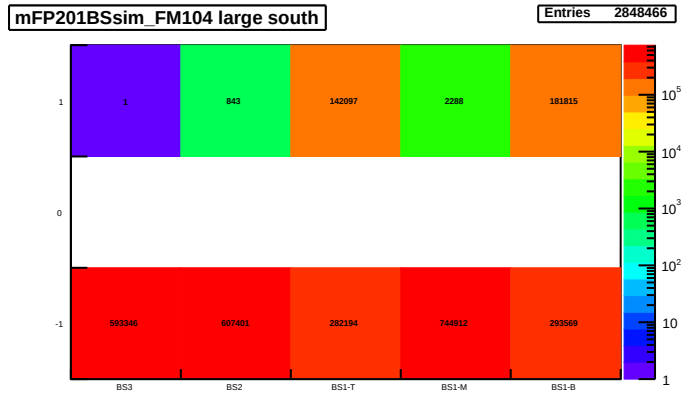

mFP201BS_FM102 small south
Entries 1.667914e+07
182667
247584
185026
184665
157975
3.15316e+06
3.08824e+06
3.1508e+06
3.15116e+06
3.17785e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

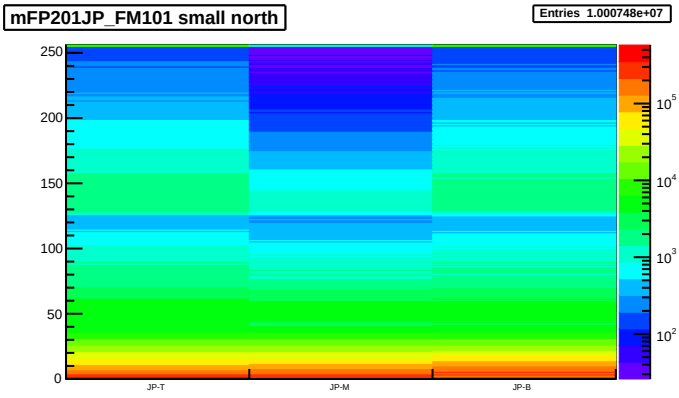

mFP201BSsim_FM102 small south
Entries 2030545
1
213
933
1033
592
390493
389491
389145
429794
428850
BS3
BS2
BS1-T
BS1-M
BS1-B

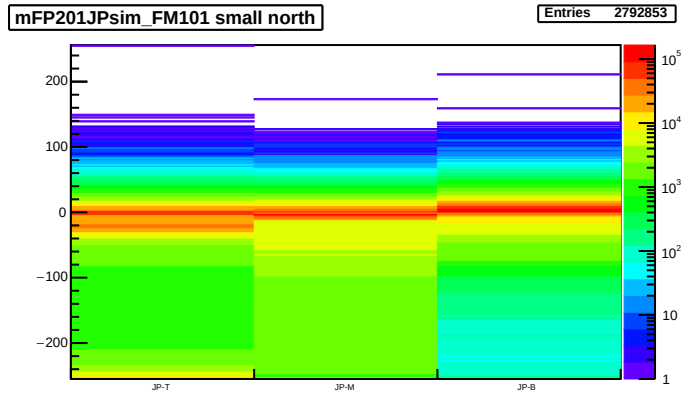

mFP201BS_FM103 large north
Entries 1.667914e+07
178048
319121
413769
482536
391936
3.15778e+06
3.01671e+06
2.92206e+06
2.85329e+06
2.94389e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

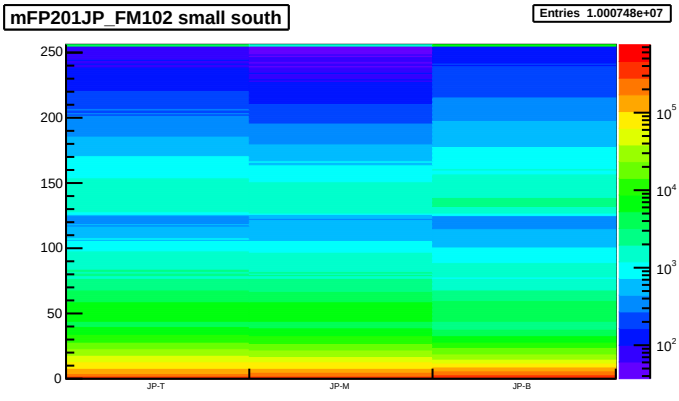

mFP201BSsim_FM103 large north
Entries 2867464
731
194618
895
190082
632121
670474
150902
838819
188822
BS3
BS2
BS1-T
BS1-M
BS1-B

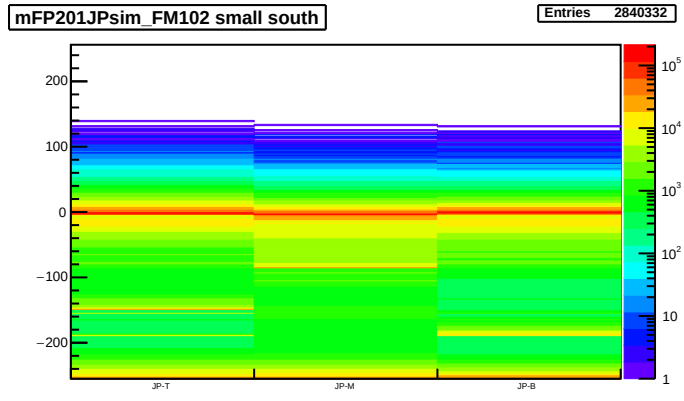

mFP201BS_FM104 large south
Entries 1.667914e+07
164387
295255
315794
491323
414164
3.17144e+06
3.04057e+06
3.02003e+06
2.8445e+06
2.92166e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

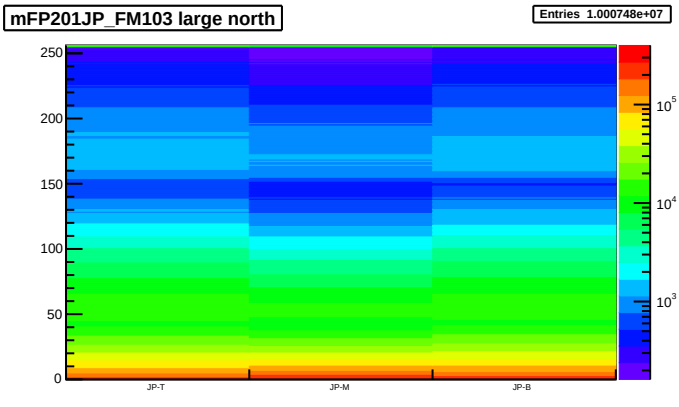

mFP201BSsim_FM104 large south
Entries 2848466
1
843
142097
2288
181815
593346
607401
282194
744912
293569
BS3
BS2
BS1-T
BS1-M
BS1-B

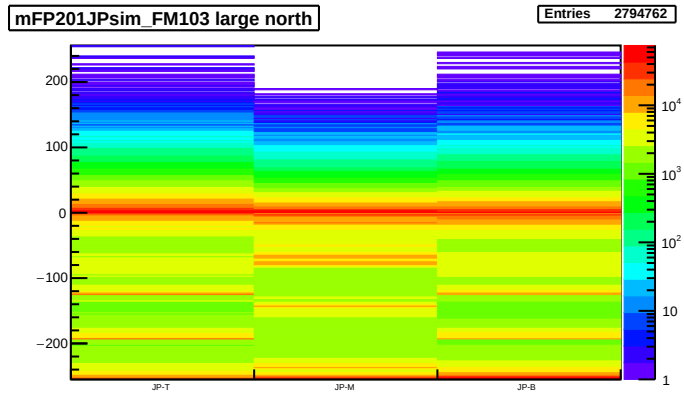

mFP201JP_FM101 small north
Entries 1.000748e+07
JP-T
JP-M
JP-B

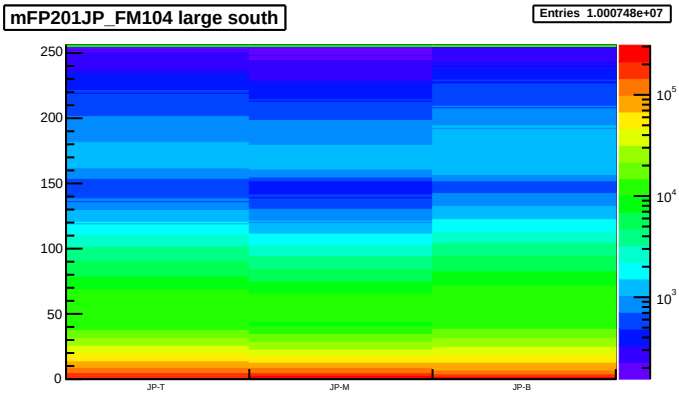

mFP201JPsim_FM101 small north
Entries 2792853
JP-T
JP-M
JP-B

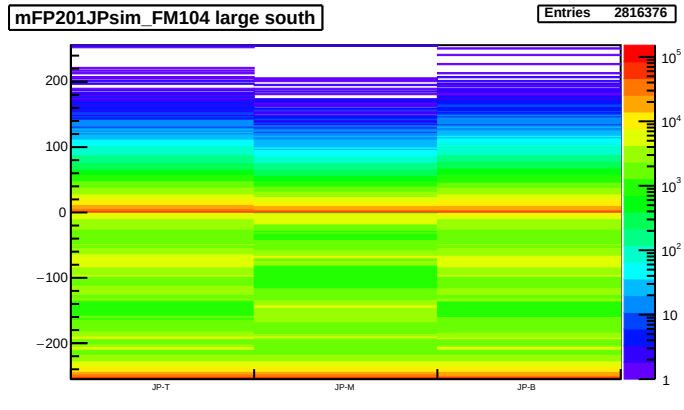

mFP201JP_FM102 small south
Entries 1.000748e+07
JP-T
JP-M
JP-B

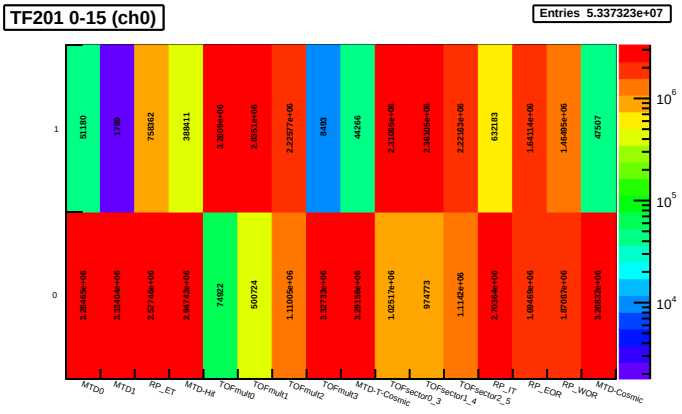

mFP201JPsim_FM102 small south
Entries 2840332
JP-T
JP-M
JP-B

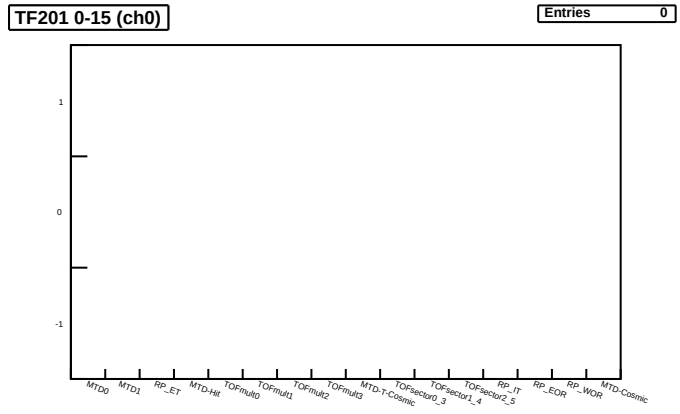

mFP201JP_FM103 large north
Entries 1.000748e+07
JP-T
JP-M
JP-B

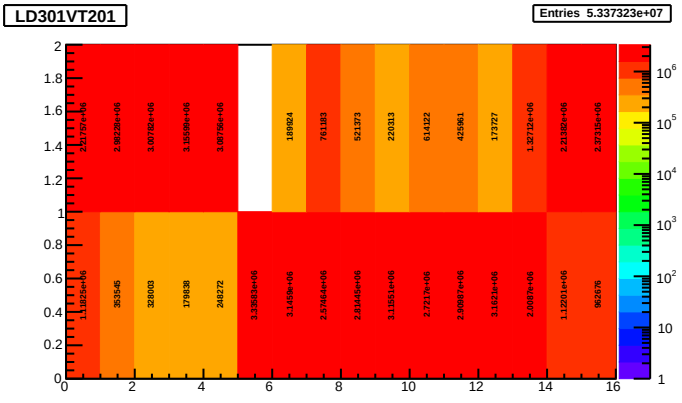

mFP201JPsim_FM103 large north
Entries 2794762
JP-T
JP-M
JP-B

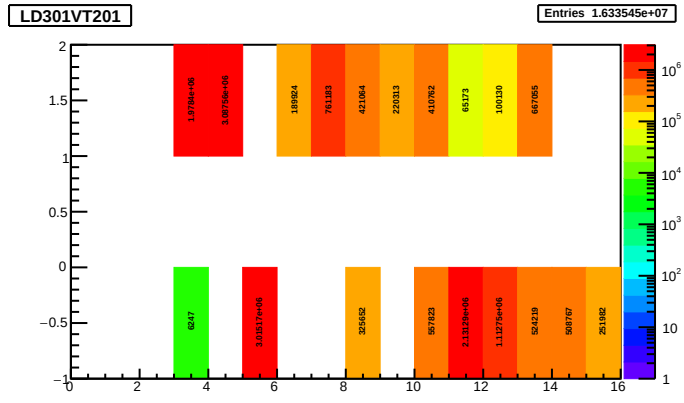

mFP201JP_FM104 large south
Entries 1.000748e+07
JP-T
JP-M
JP-B

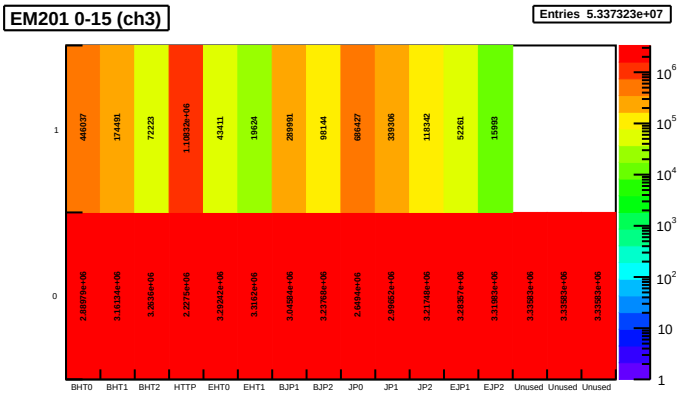

mFP201JPsim_FM104 large south
Entries 2816376
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 5.337323e+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 5.337323e+07


LD301VT201
Entries 1.633545e+07


EM201 0-15 (ch3)
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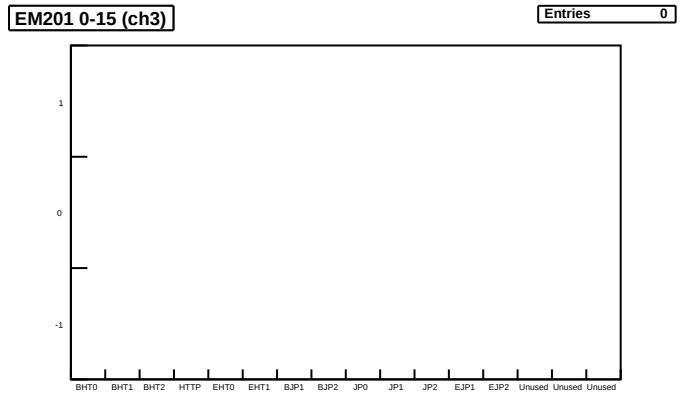
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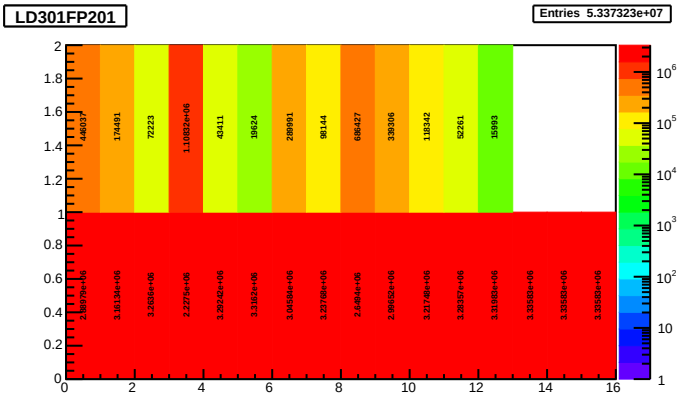
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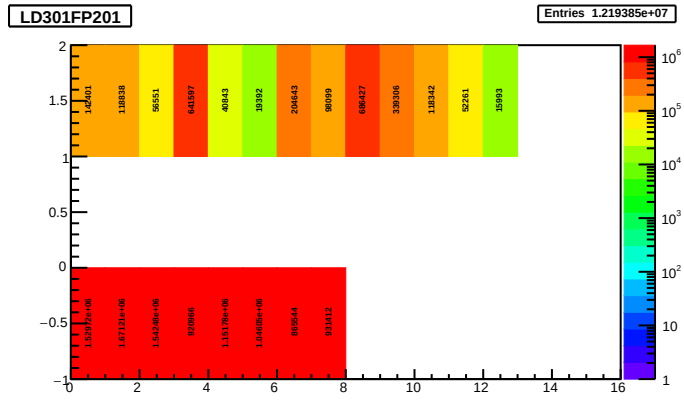
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