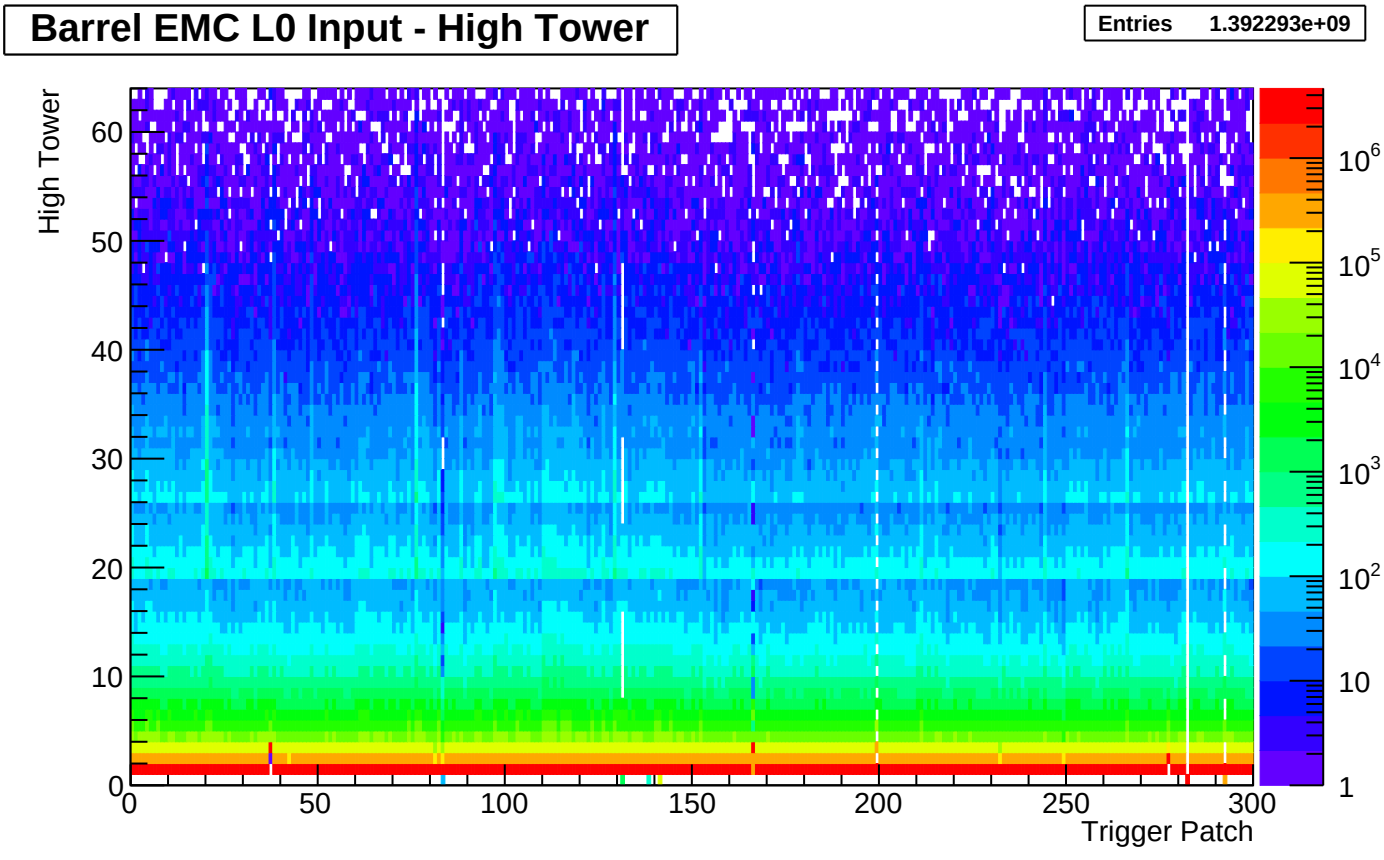
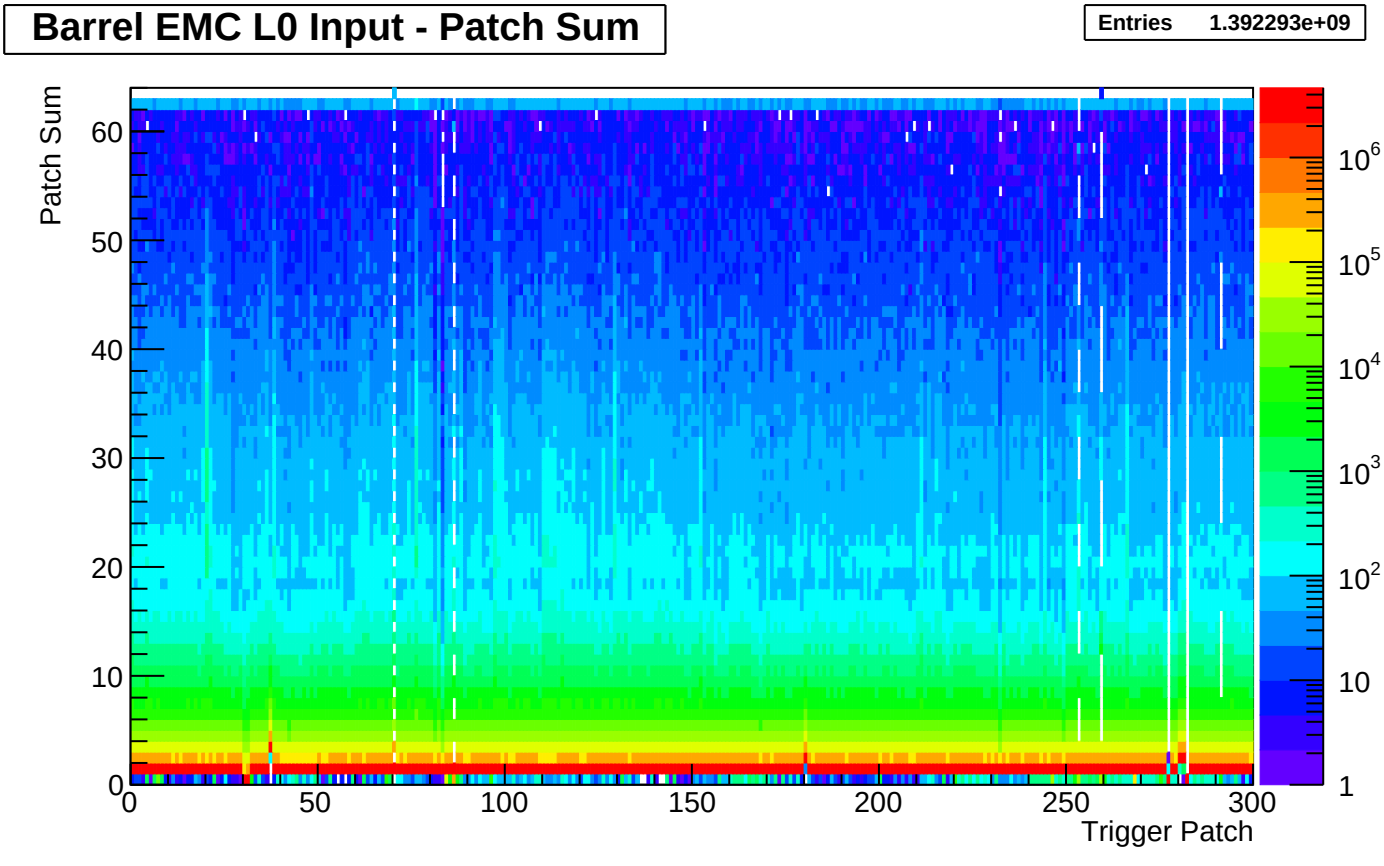
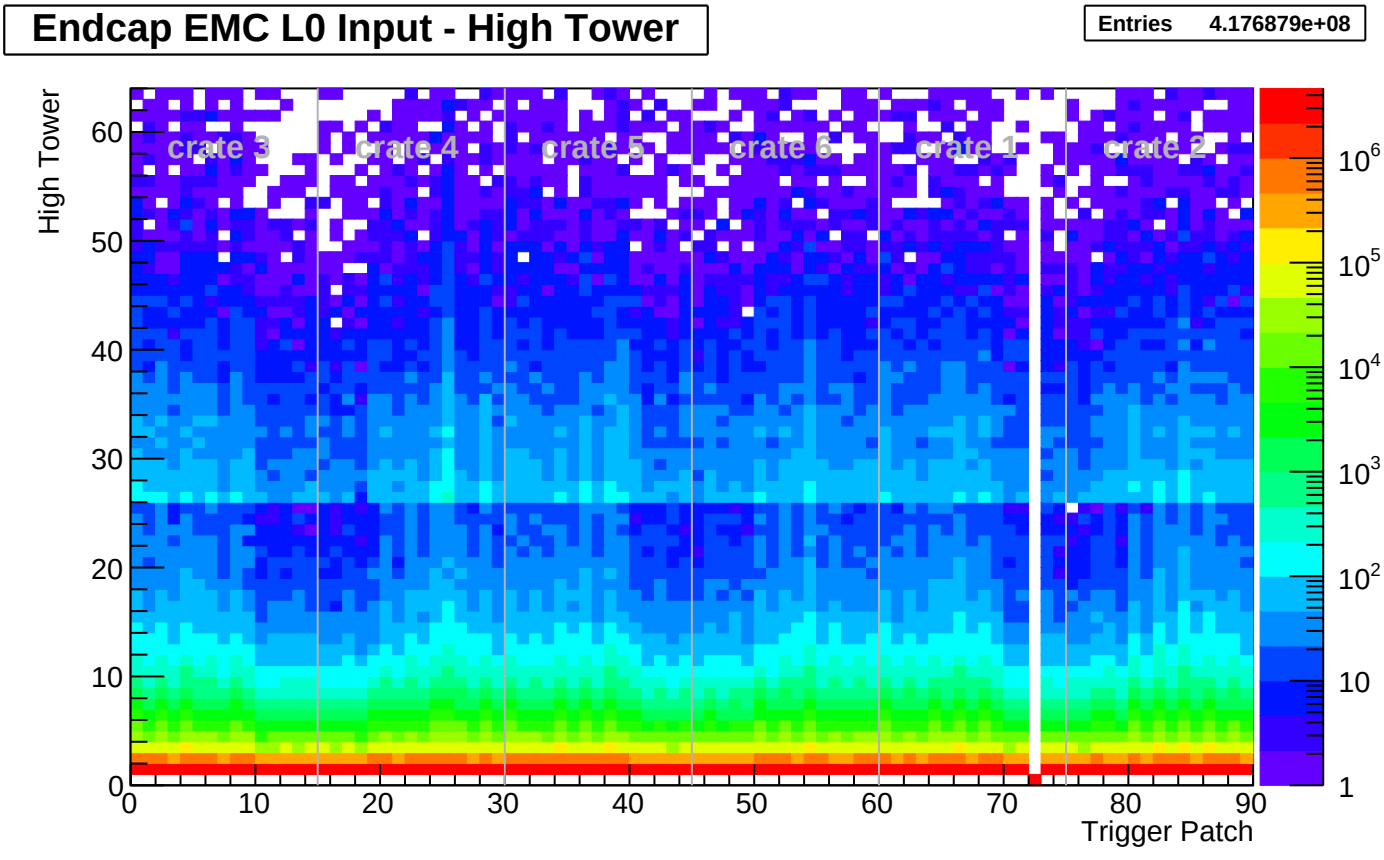
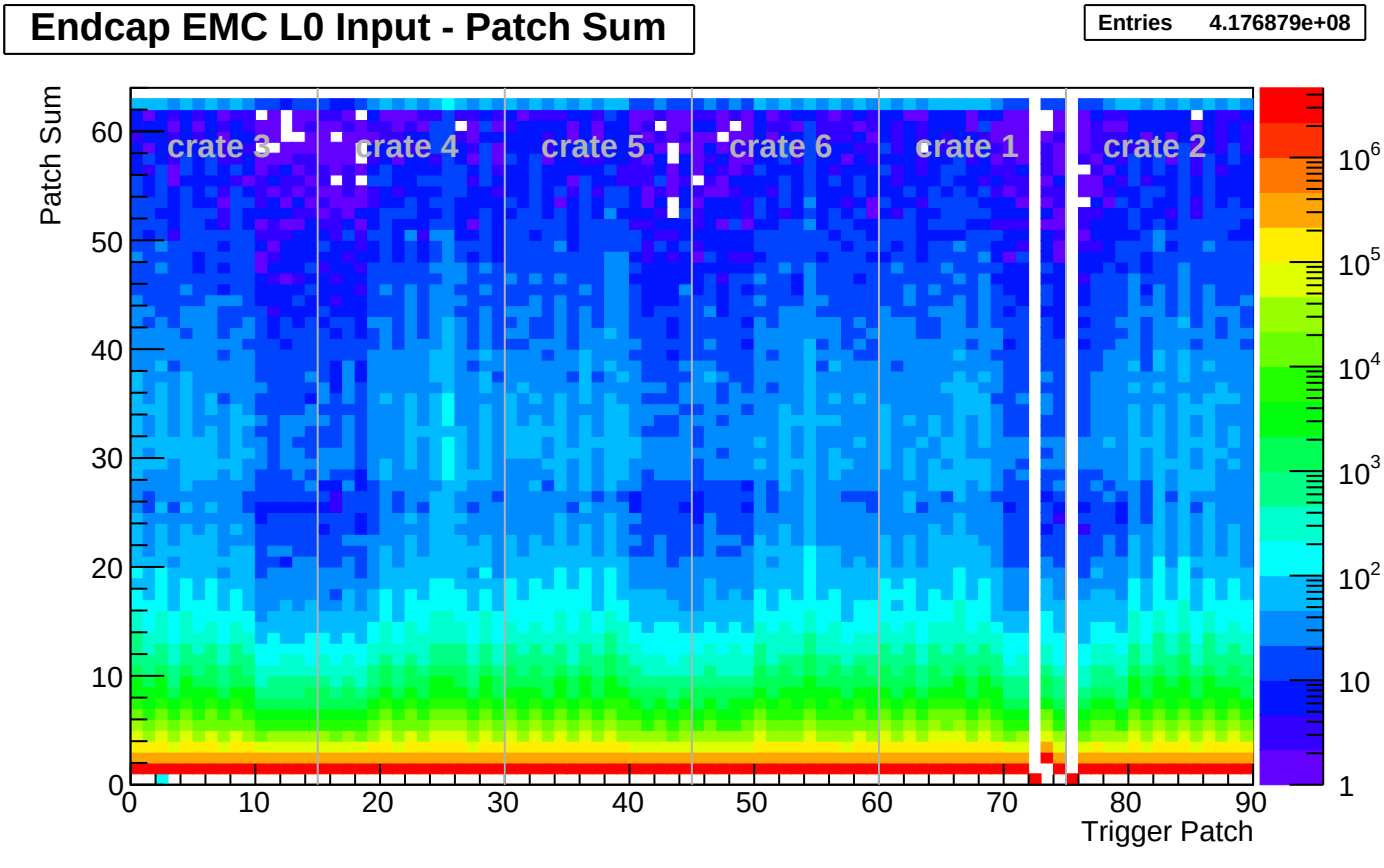
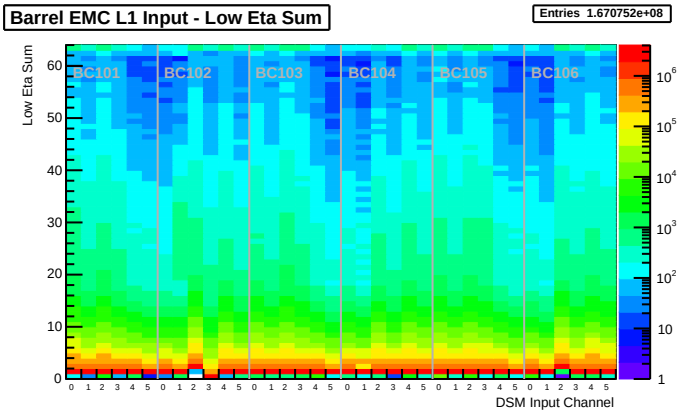
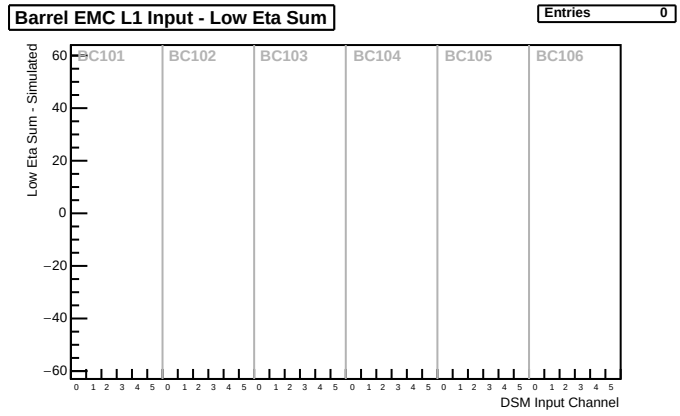

Barrel EMC L0 Input - High Tower
Entries 1.392293e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

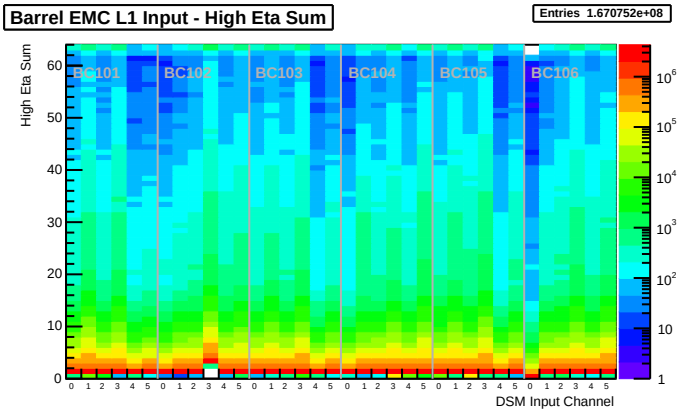

Barrel EMC L0 Input - Patch Sum
Entries 1.392293e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

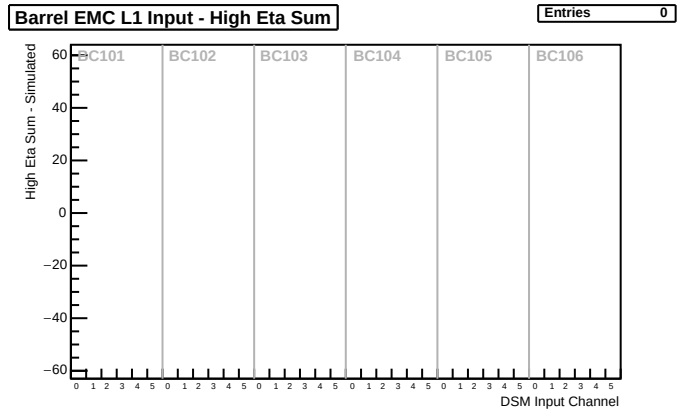

Endcap EMC L0 Input - High Tower
Entries 4.176879e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

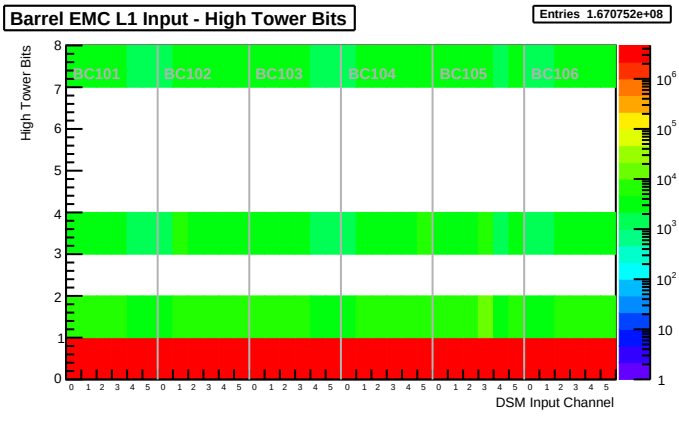

Endcap EMC L0 Input - Patch Sum
Entries 4.176879e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

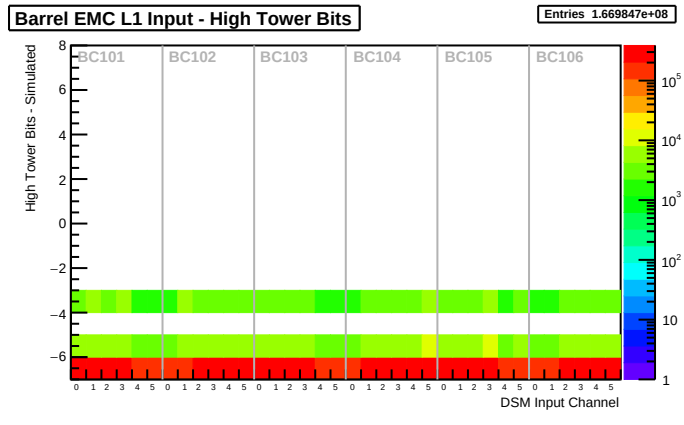

Barrel EMC L1 Input - Low Eta Sum
Entries 1.670752e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

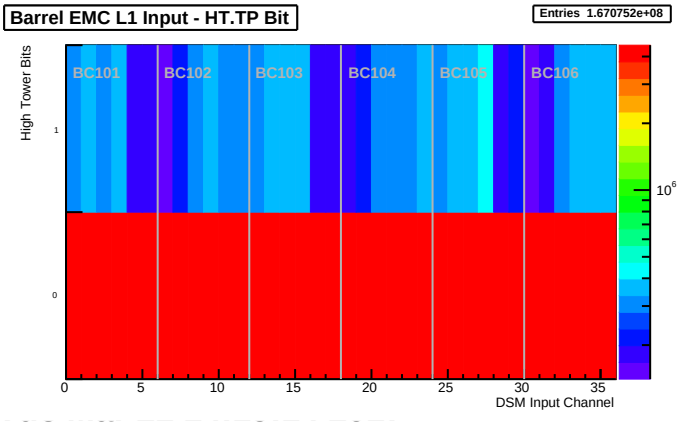

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

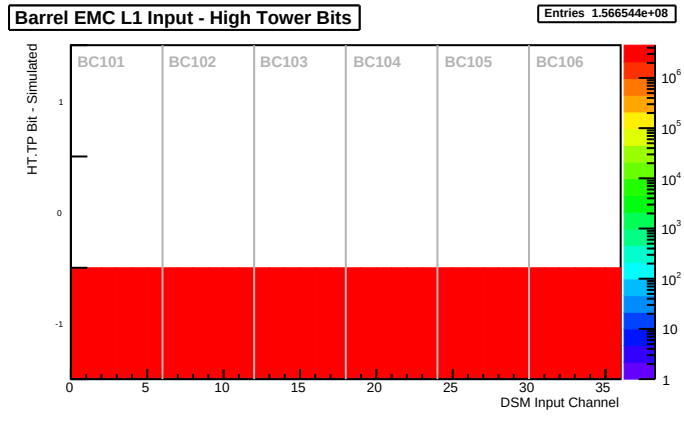

Barrel EMC L1 Input - High Eta Sum
Entries 1.670752e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

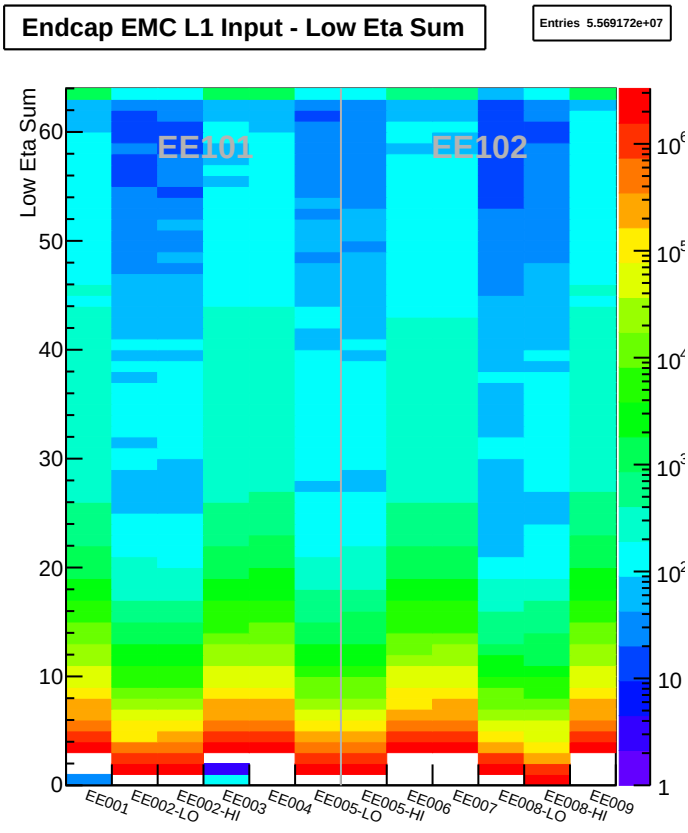

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

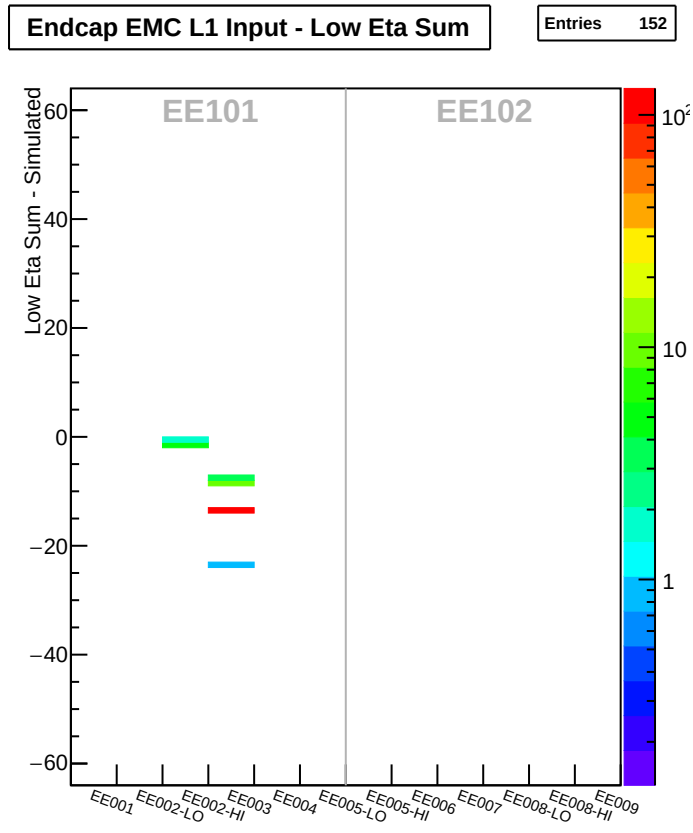

Barrel EMC L1 Input - High Tower Bits
Entries 1.670752e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

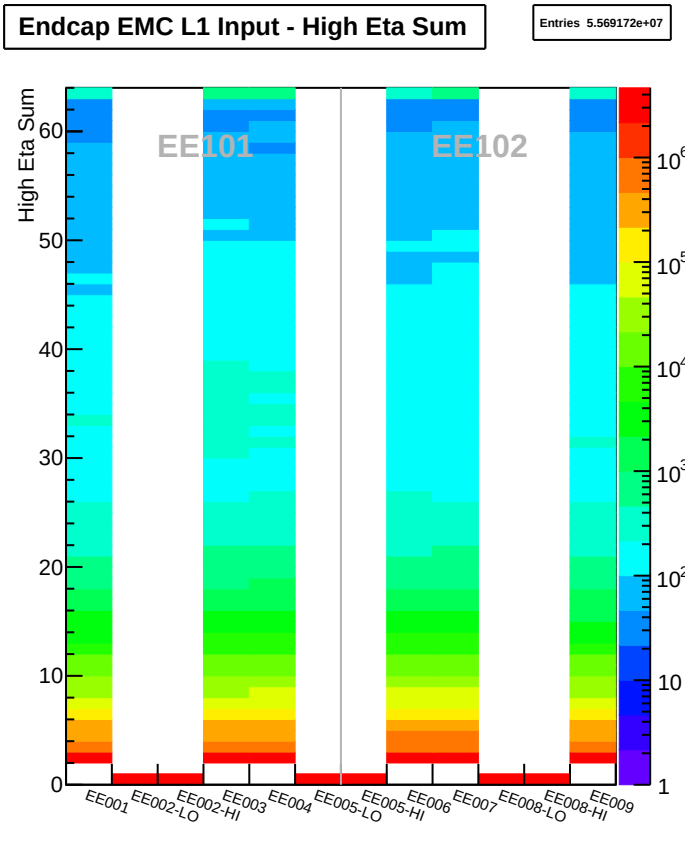

Barrel EMC L1 Input - High Tower Bits
Entries 1.669847e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

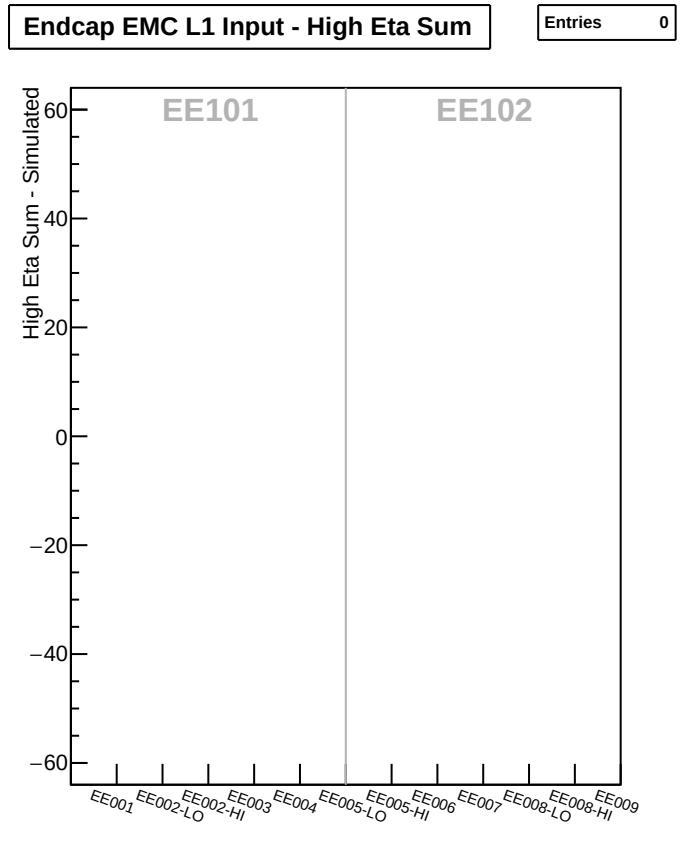

Barrel EMC L1 Input - HT.TP Bit
Entries 1.670752e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

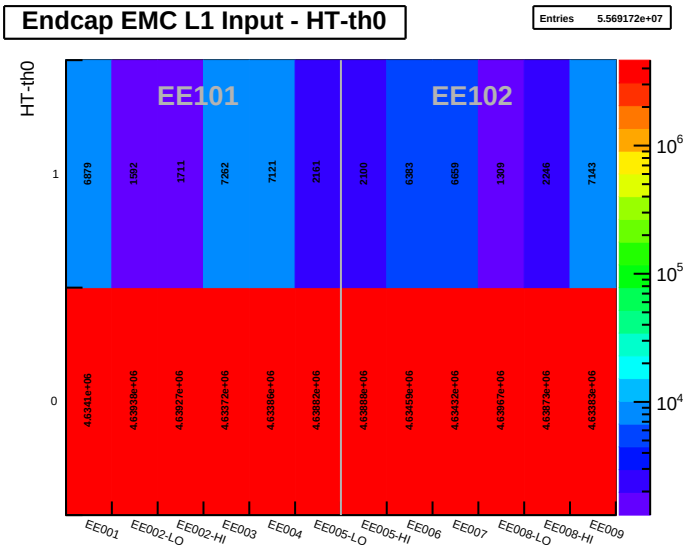

Barrel EMC L1 Input - High Tower Bits
Entries 1.566544e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

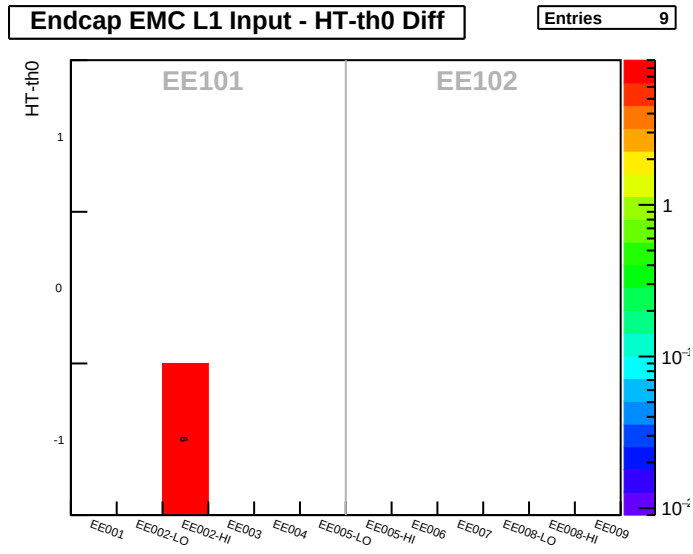

Endcap EMC L1 Input - Low Eta Sum
Entries 5.569172e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

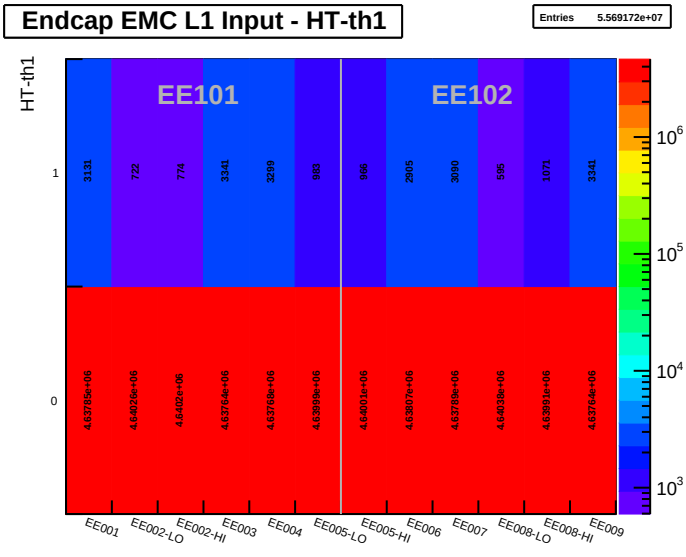

Endcap EMC L1 Input - Low Eta Sum
Entries 152
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

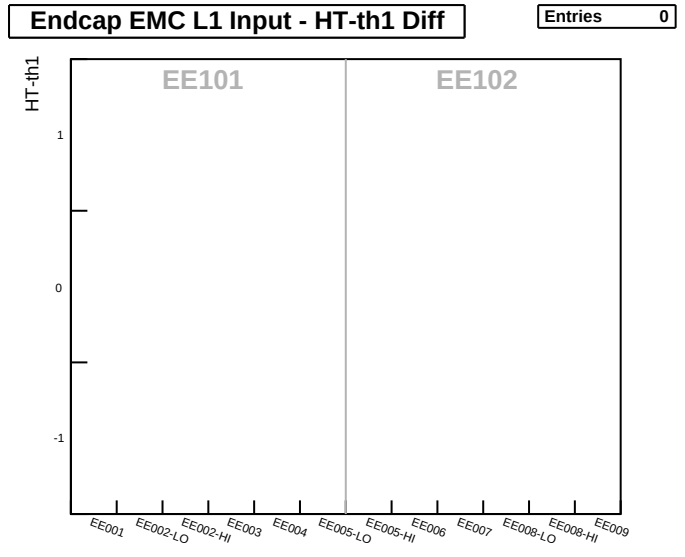

Endcap EMC L1 Input - High Eta Sum
Entries 5.569172e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

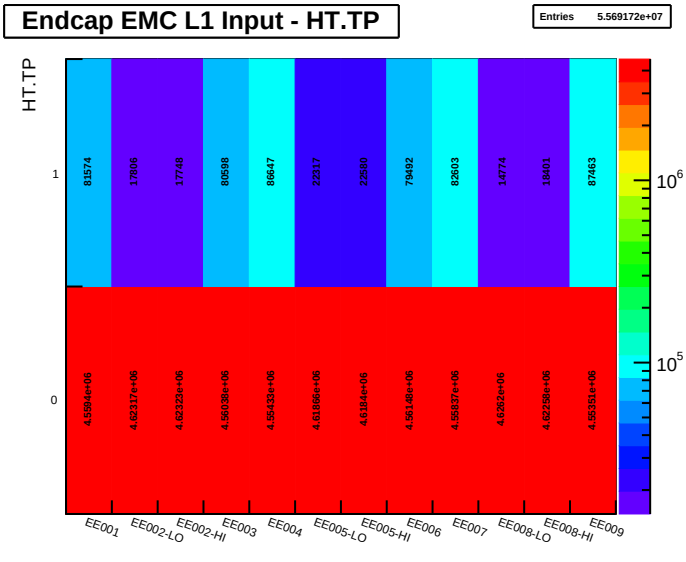

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

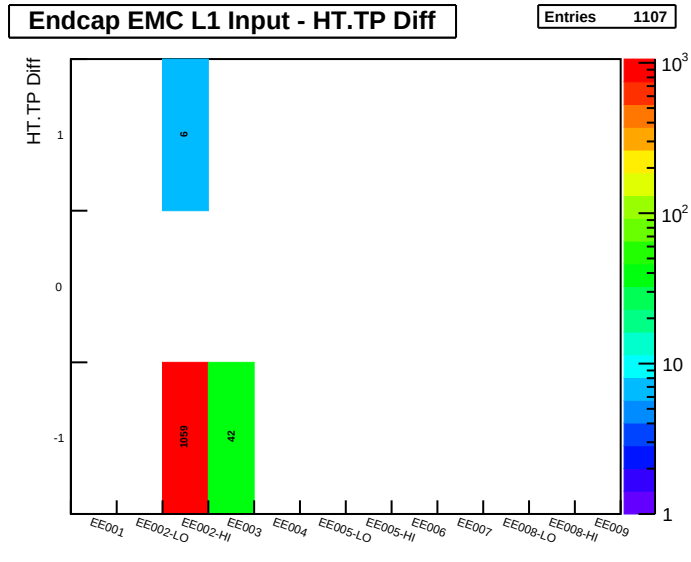

Endcap EMC L1 Input - HT-th0
Entries 5.569172e+07
HT-th0
EE101
EE102
6879 1592 1711 7262 7121 2161 2100 6383 6659 1309 2246 7143
4.63341e+06 4.63939e+06 4.63927e+06 4.63372e+06 4.63386e+06 4.63382e+06 4.63388e+06 4.63459e+06 4.63432e+06 4.63367e+06 4.63379e+06 4.63383e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

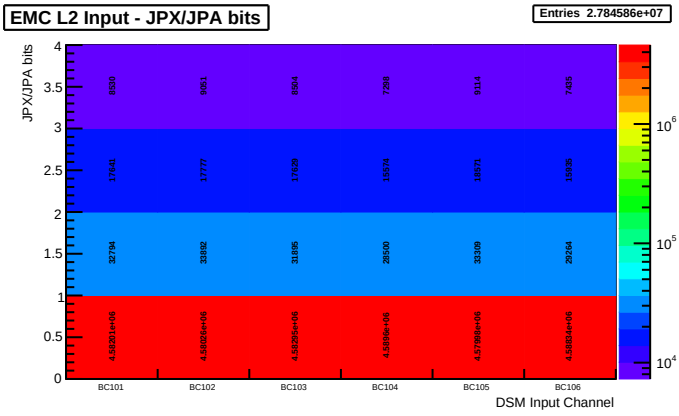

Endcap EMC L1 Input - HT-th0 Diff
Entries 9
HT-th0
EE101
EE102
9
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

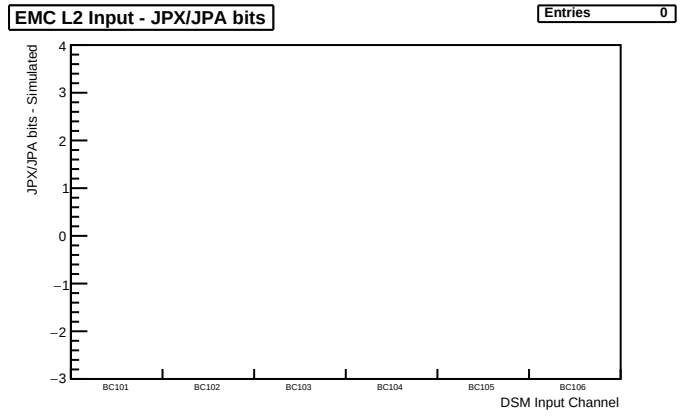

Endcap EMC L1 Input - HT-th1
Entries 5.569172e+07
HT-th1
EE101
EE102
3131 722 774 3341 3299 983 966 2905 3090 595 1071 3341
4.63785e+06 4.64026e+06 4.64402e+06 4.63764e+06 4.63768e+06 4.63999e+06 4.64001e+06 4.63807e+06 4.63789e+06 4.64038e+06 4.63991e+06 4.63764e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

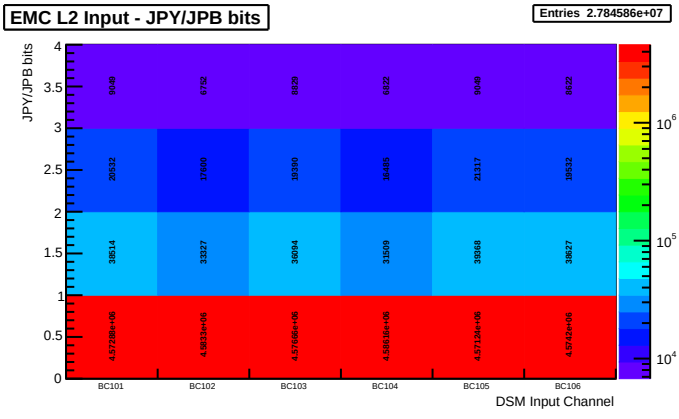

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

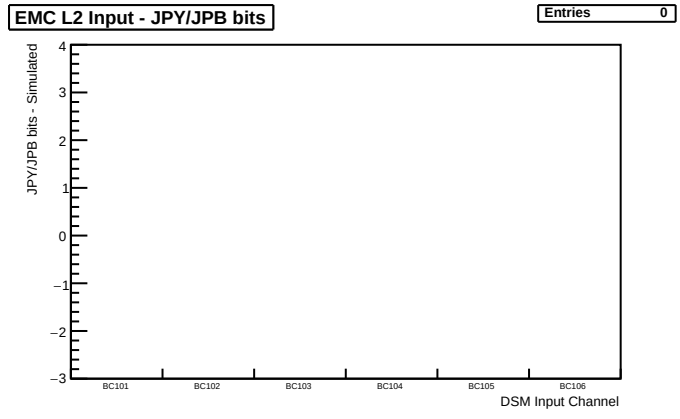

Endcap EMC L1 Input - HT.TP
Entries 5.569172e+07
HT.TP
81574 17806 17748 80598 86647 22317 22580 79492 82503 14774 18401 87463
4.5594e+06 4.62317e+06 4.62322e+06 4.56038e+06 4.55433e+06 4.61866e+06 4.6184e+06 4.56148e+06 4.55937e+06 4.6262e+06 4.62258e+06 4.55351e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

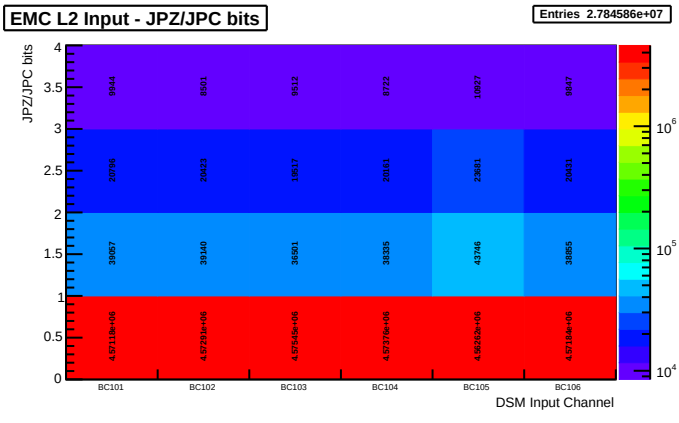

Endcap EMC L1 Input - HT.TP Diff
Entries 1107
HT.TP Diff
6
1059
42
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

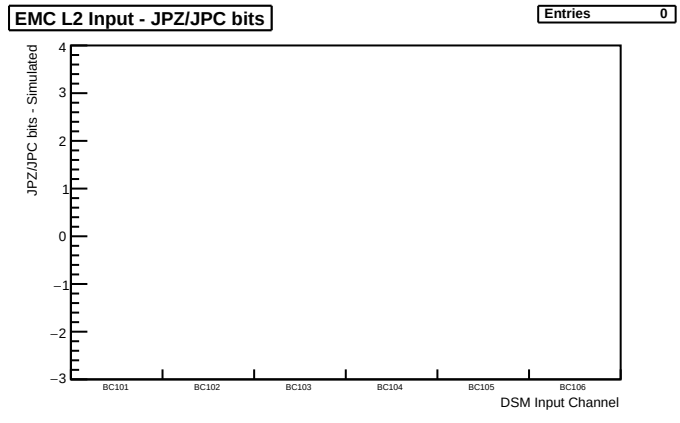

EMC L2 Input - JPX/JPA bits
Entries 2.784586e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8530
9951
8504
7298
9114
7405
17641
17777
17629
15574
18571
15935
32794
33982
31895
28500
33309
29264
4.58201e+06
4.58026e+06
4.58295e+06
4.5996e+06
4.57998e+06
4.58834e+06

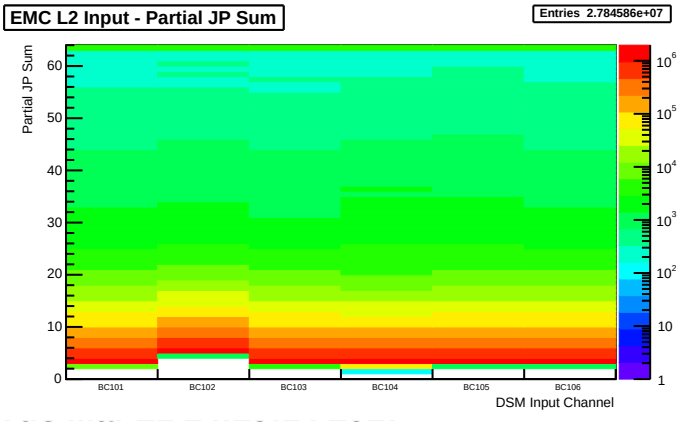

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

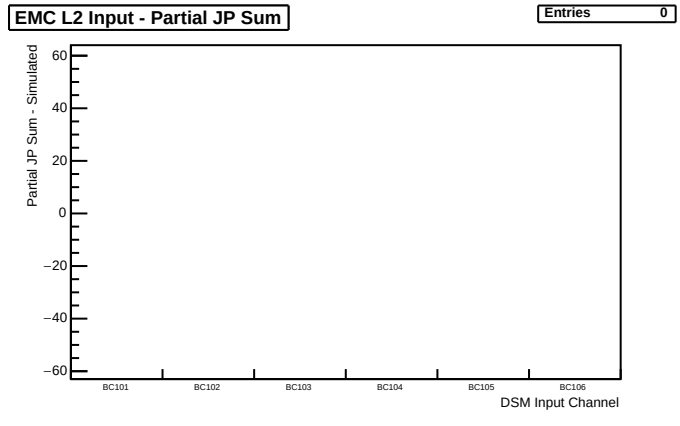

EMC L2 Input - JPY/JPB bits
Entries 2.784586e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9049
6752
8329
6322
9049
8322
20532
17600
19390
16485
21317
19532
36514
33327
36094
31509
39868
36827
4.57288e+06
4.5833e+06
4.57566e+06
4.59515e+06
4.57124e+06
4.57422e+06

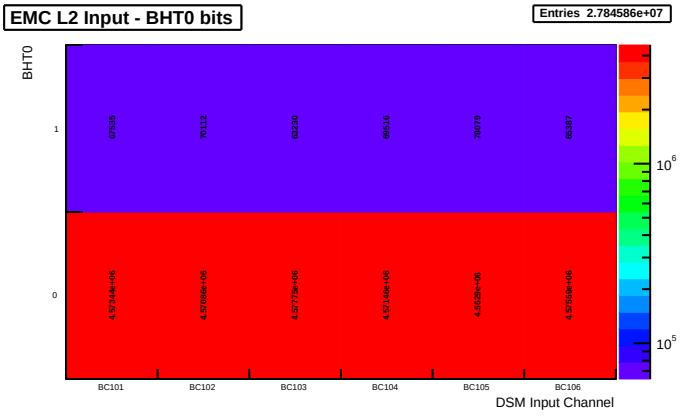

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

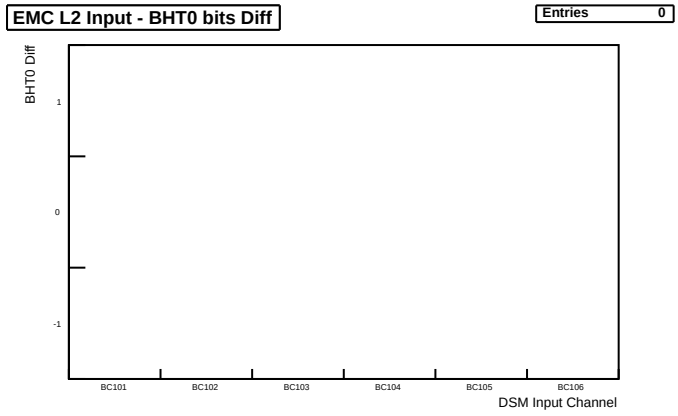

EMC L2 Input - JPZ/JPC bits
Entries 2.784586e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9944
8501
9512
8722
10527
9847
20196
20423
19517
20161
23881
20831
39057
39140
36901
38335
43746
38855
4.57118e+06
4.57291e+06
4.57545e+06
4.57376e+06
4.56252e+06
4.57134e+06

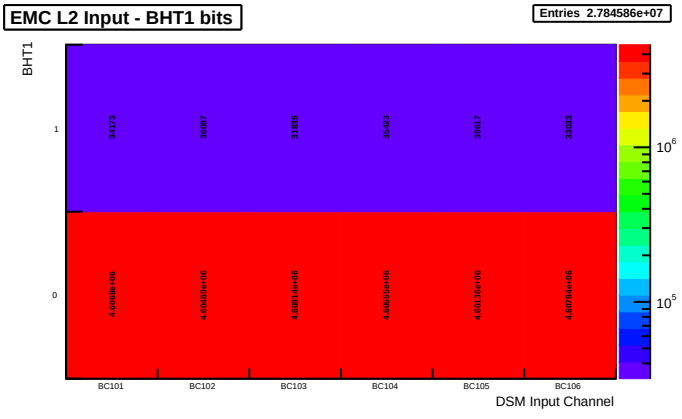

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

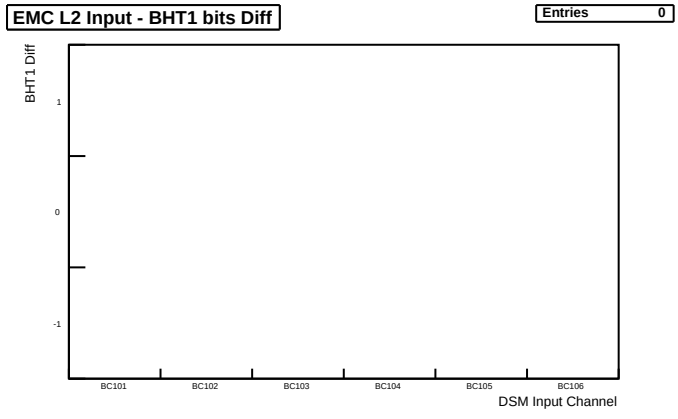

EMC L2 Input - Partial JP Sum
Entries 2.784586e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

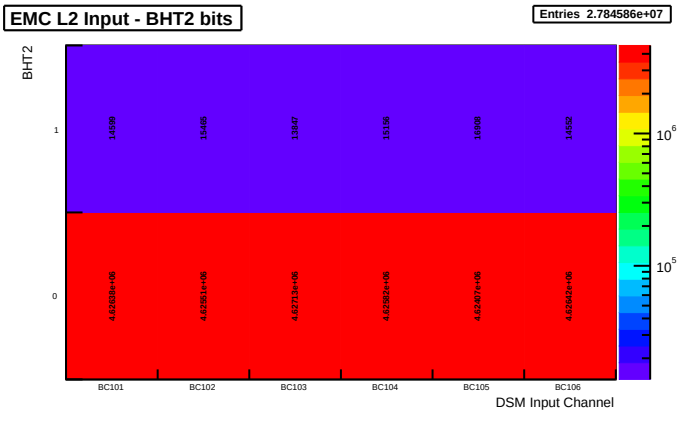

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

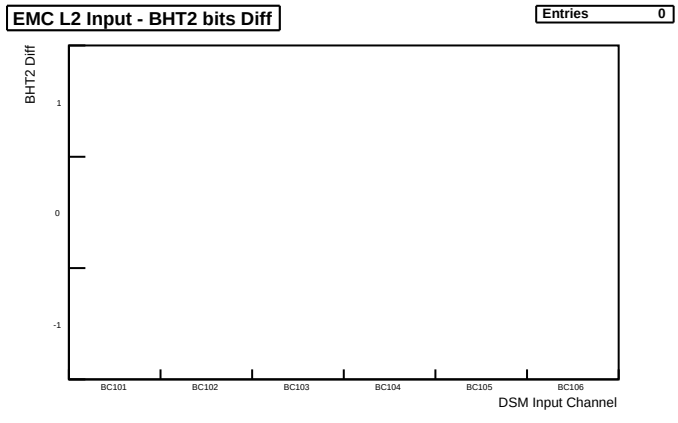

EMC L2 Input - BHT0 bits
Entries 2.784586e+07
BHT0
1
0
97535
70112
63230
69516
78979
65387
4.57344e+06
4.57096e+06
4.57779e+06
4.57146e+06
4.56529e+06
4.57559e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

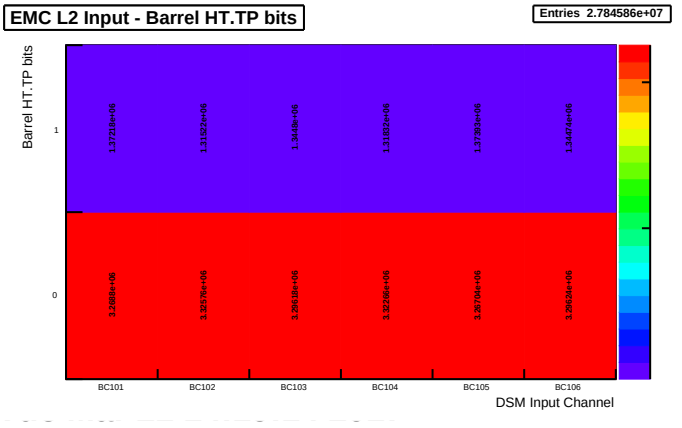

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

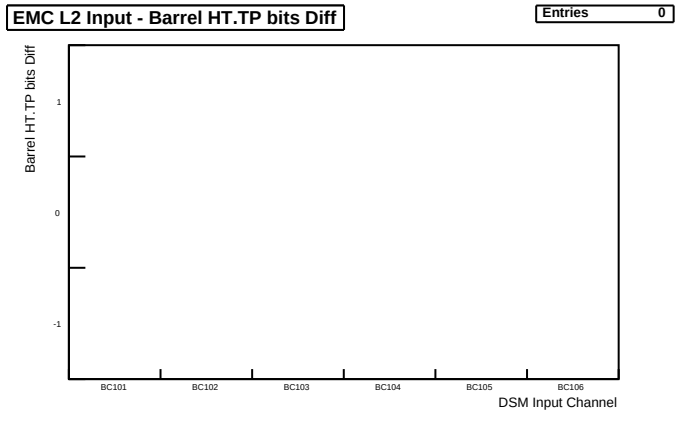

EMC L2 Input - BHT1 bits
Entries 2.784586e+07
BHT1
1
0
34173
36087
31835
35423
39617
33033
4.60698e+06
4.60489e+06
4.60914e+06
4.60555e+06
4.60136e+06
4.60704e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

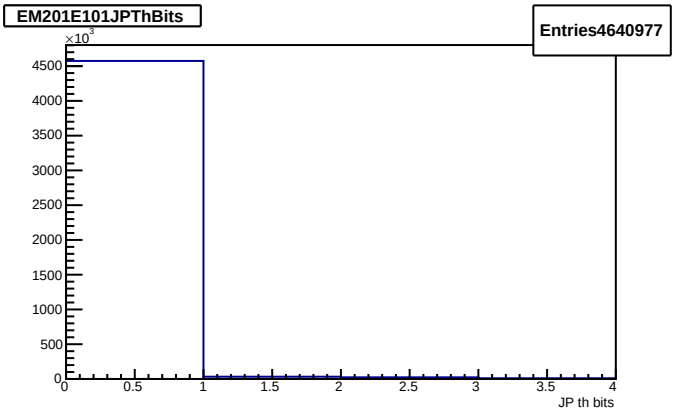

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

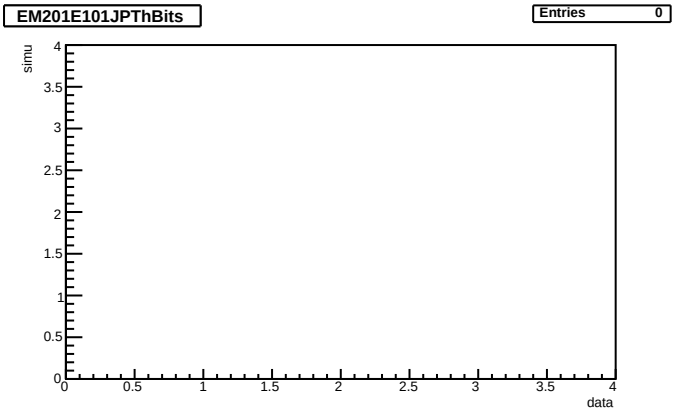

EMC L2 Input - BHT2 bits
Entries 2.784586e+07
BHT2
1
0
14599
15465
13947
15155
16908
14652
4.62838e+06
4.62951e+06
4.62713e+06
4.62932e+06
4.62407e+06
4.62642e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

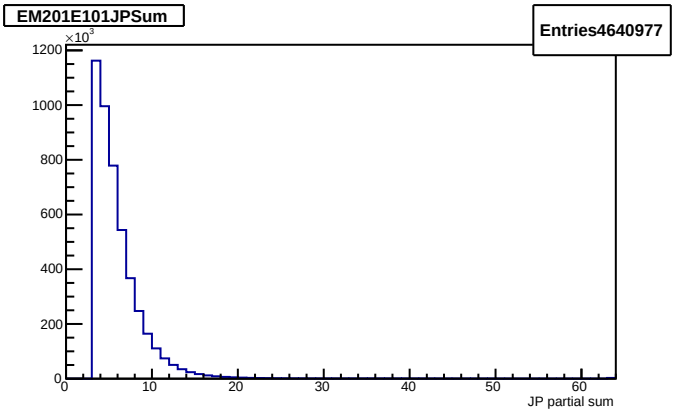

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

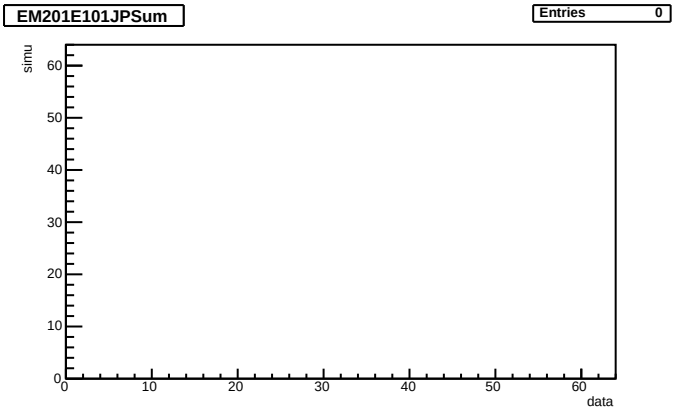

EMC L2 Input - Barrel HT.TP bits
Entries 2.784586e+07
Barrel HT.TP bits
1
0
1.37218e+06
1.31922e+06
1.3489e+06
1.31832e+06
1.37393e+06
1.3407e+06
3.2488e+06
3.22578e+06
3.25639e+06
3.22286e+06
3.26704e+06
3.2952e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

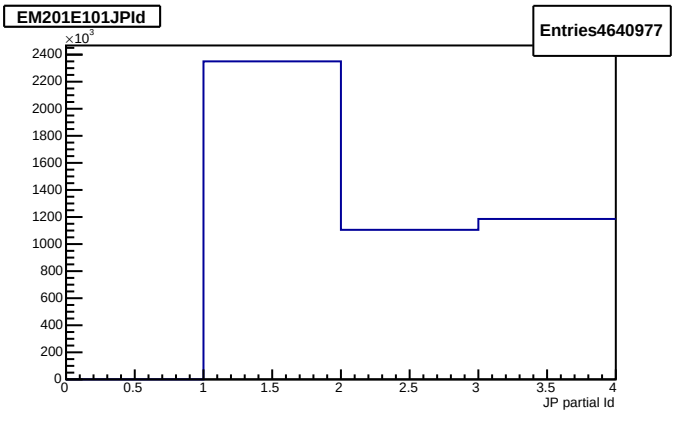

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

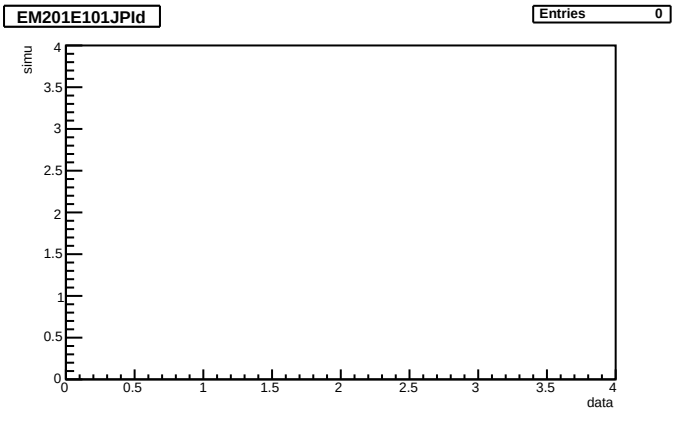

EM201E101JPThBits
Entries4640977
×10^3
JP th bits

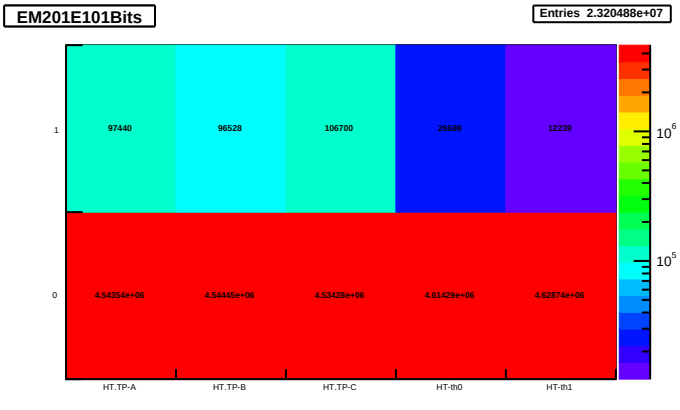

EM201E101JPThBits
Entries 0
simu
data

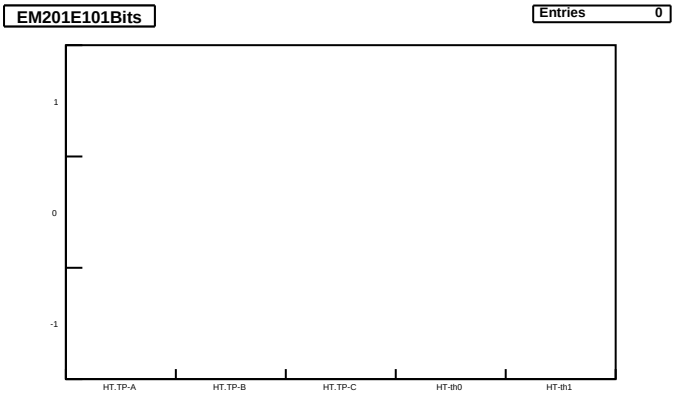

EM201E101JPSum
Entries4640977
×10^3
JP partial sum

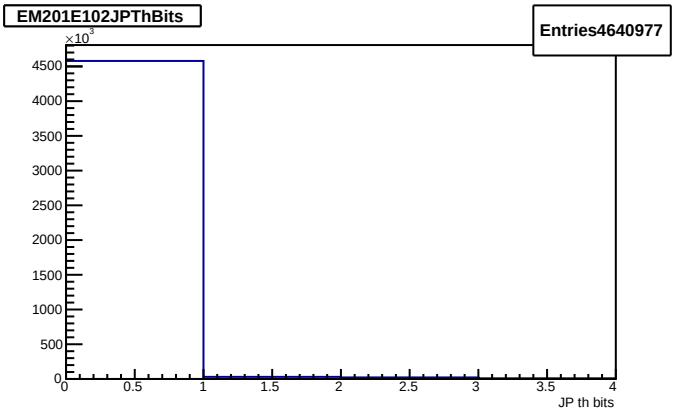

EM201E101JPSum
Entries 0
simu
data

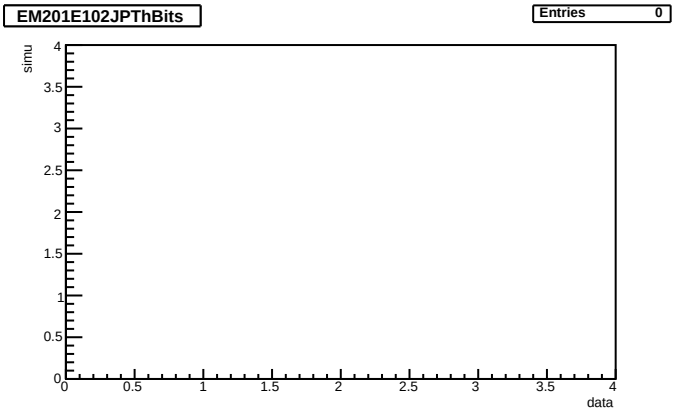

EM201E101JPId
Entries4640977
×10^3
JP partial Id

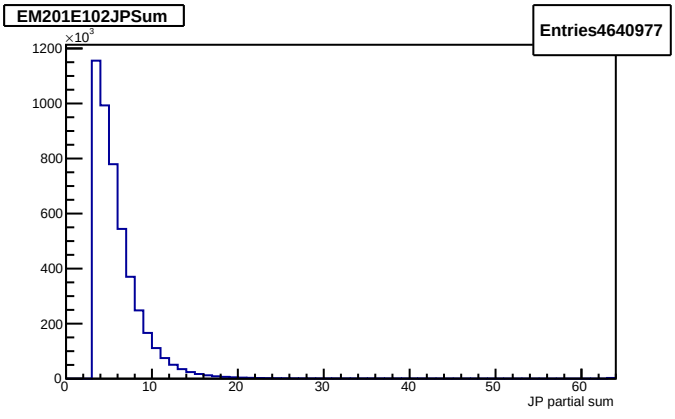

EM201E101JPId
Entries 0
simu
data

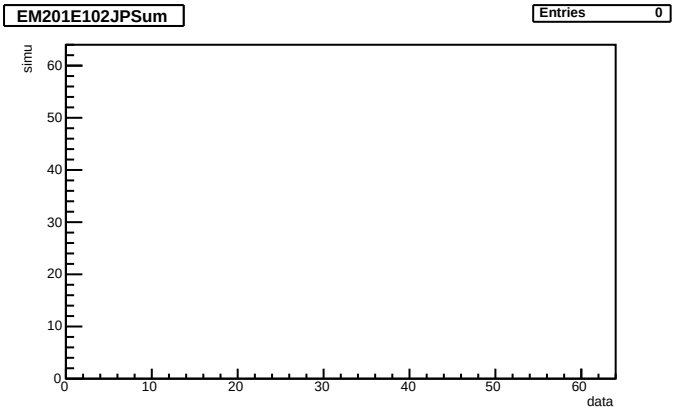

EM201E101Bits
Entries 2.320488e+07
97440
96528
106700
20689
12239
4.54354e+06
4.54445e+06
4.53428e+06
4.61429e+06
4.62874e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

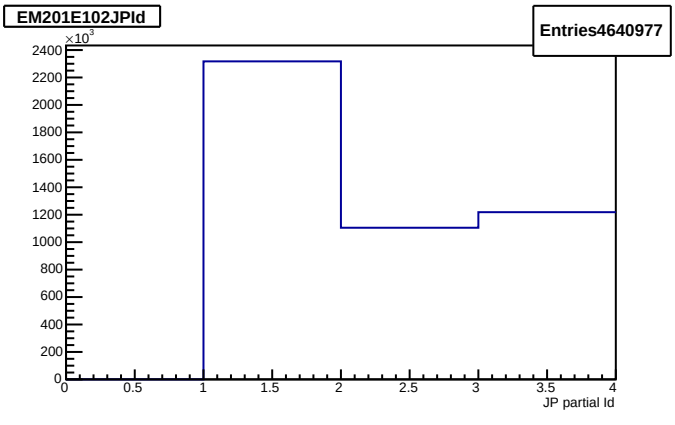

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

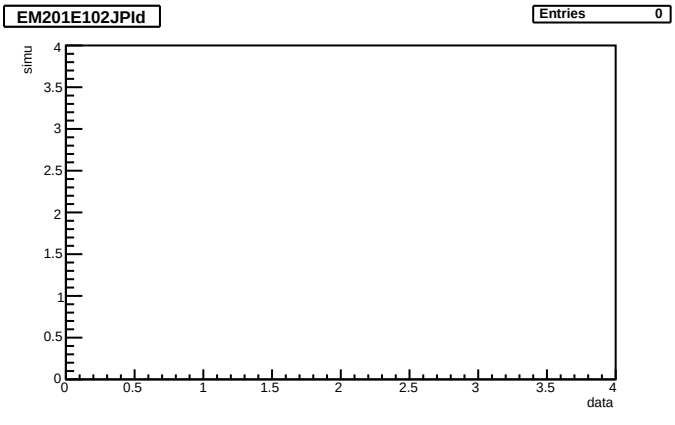

EM201E102JPThBits
Entries4640977
JP th bits

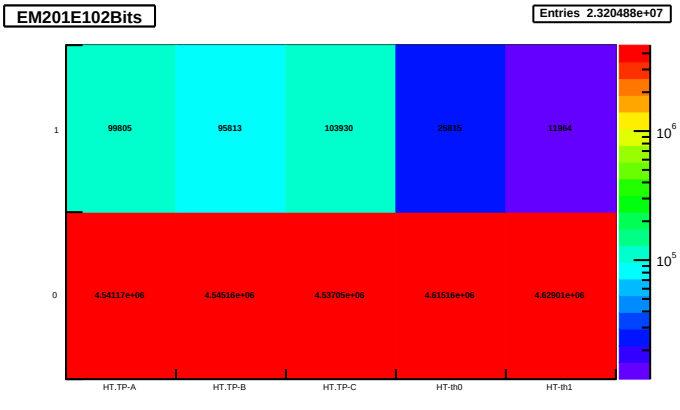

EM201E102JPThBits
Entries 0
simu
data

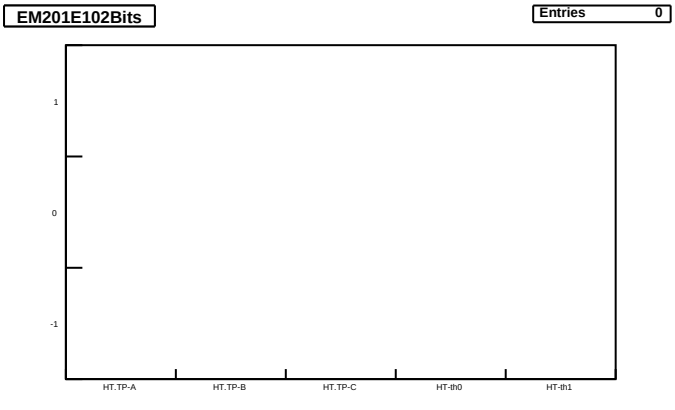

EM201E102JPSum
Entries4640977
JP partial sum

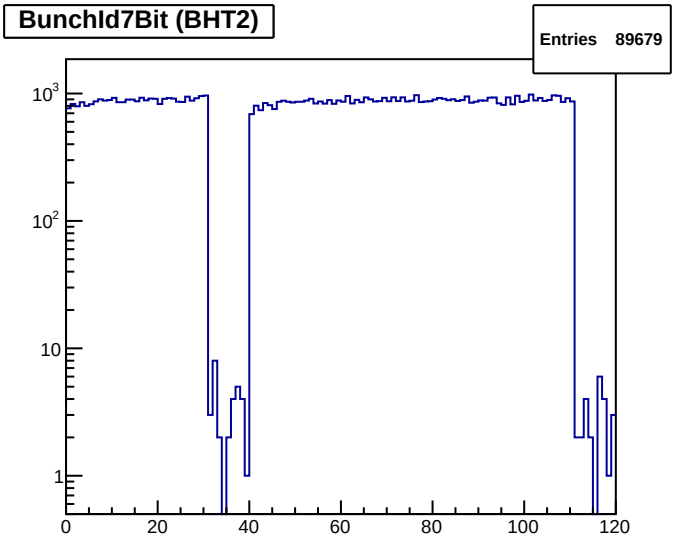

EM201E102JPSum
Entries 0
simu
data

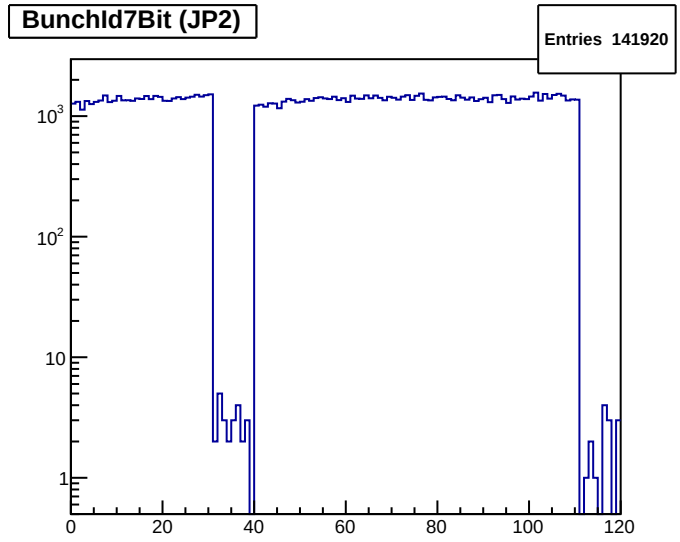

EM201E102JPId
Entries4640977
JP partial Id

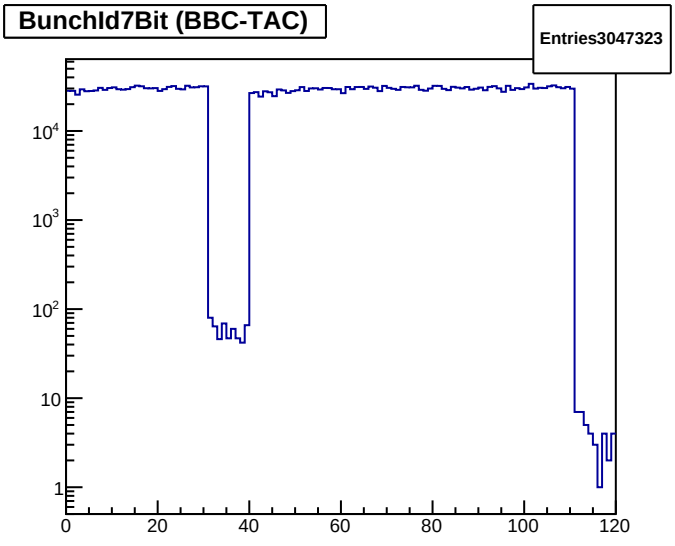

EM201E102JPId
Entries 0
simu
data

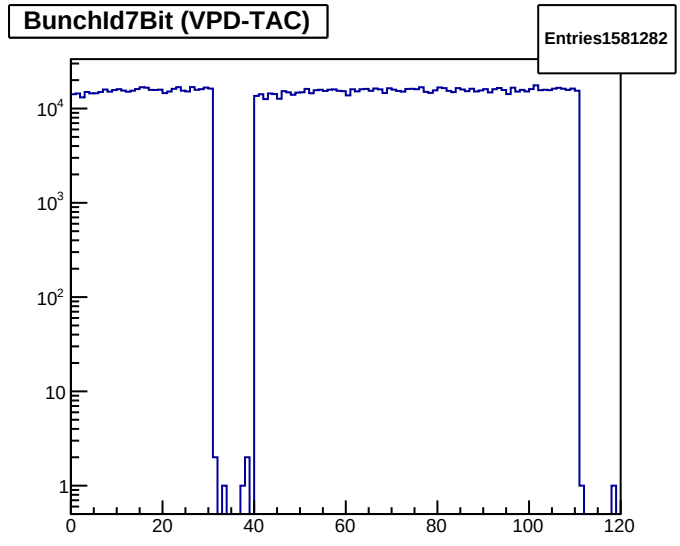

EM201E102Bits
Entries 2.320488e+07
99805
95813
103930
25815
11964
4.54117e+06
4.54516e+06
4.53705e+06
4.61516e+06
4.62901e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

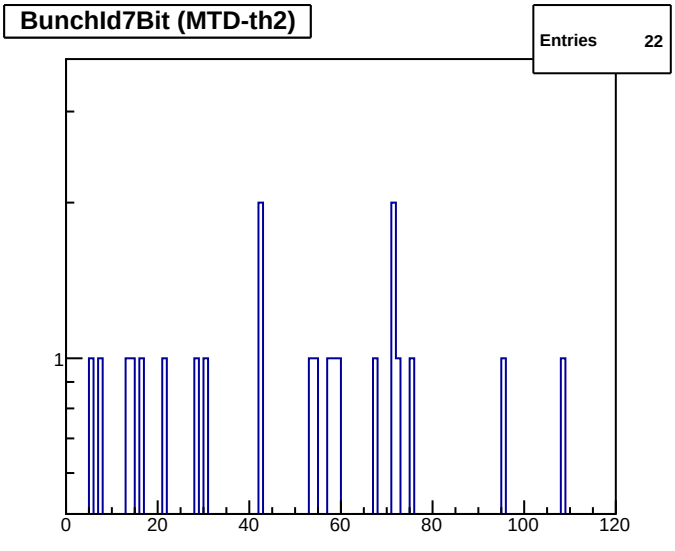

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

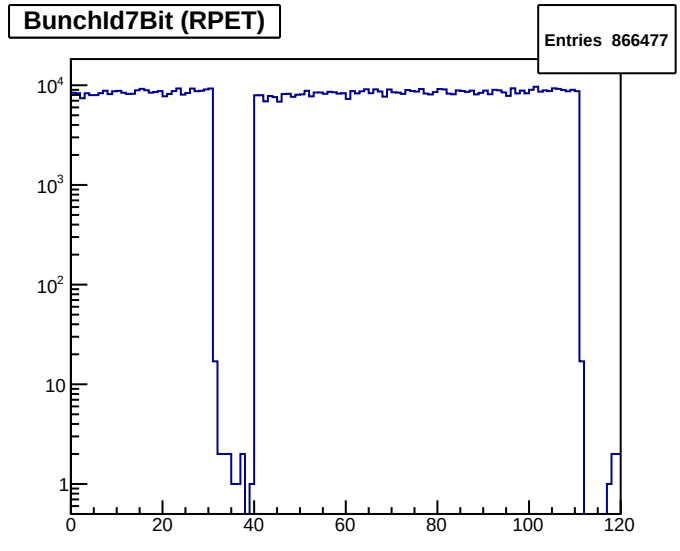

BunchId7Bit (BHT2)
Entries 89679

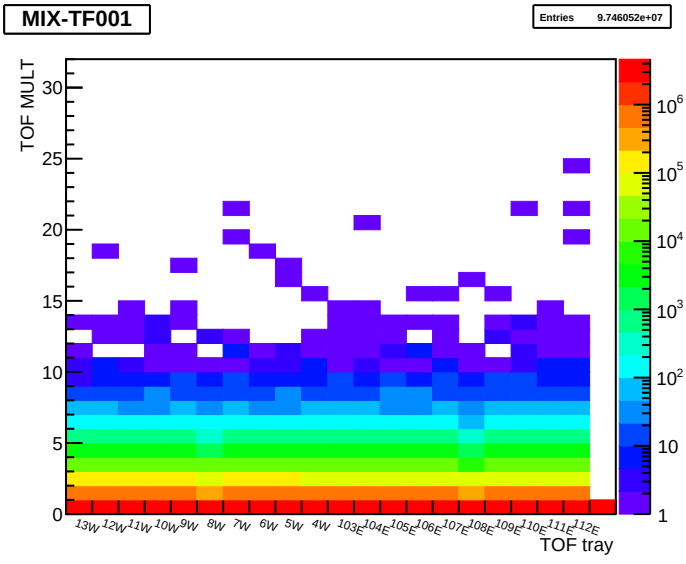

BunchId7Bit (JP2)
Entries 141920

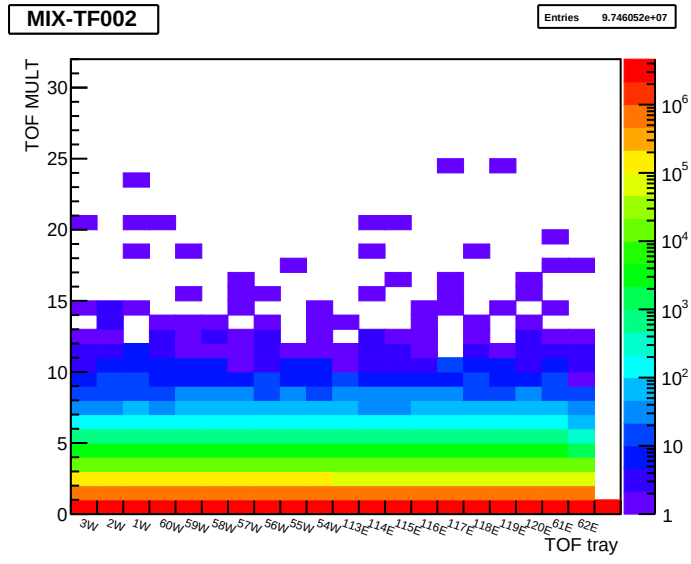

BunchId7Bit (BBC-TAC)
Entries3047323

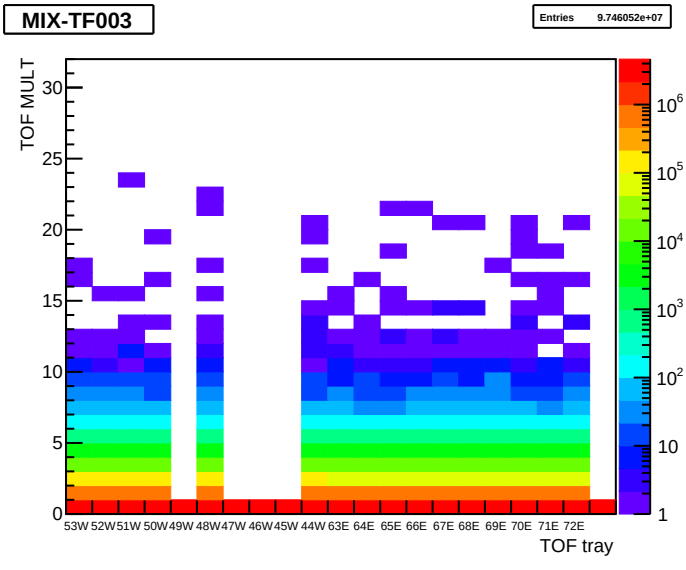

BunchId7Bit (VPD-TAC)
Entries1581282

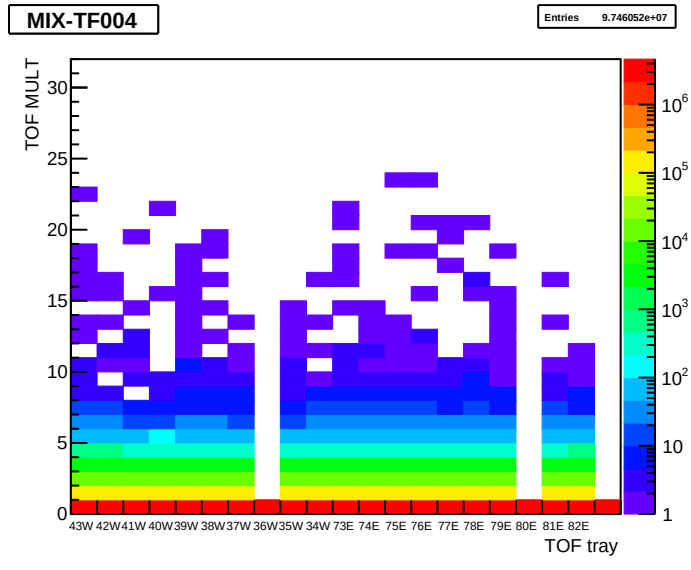

BunchId7Bit (MTD-th2)
Entries 22

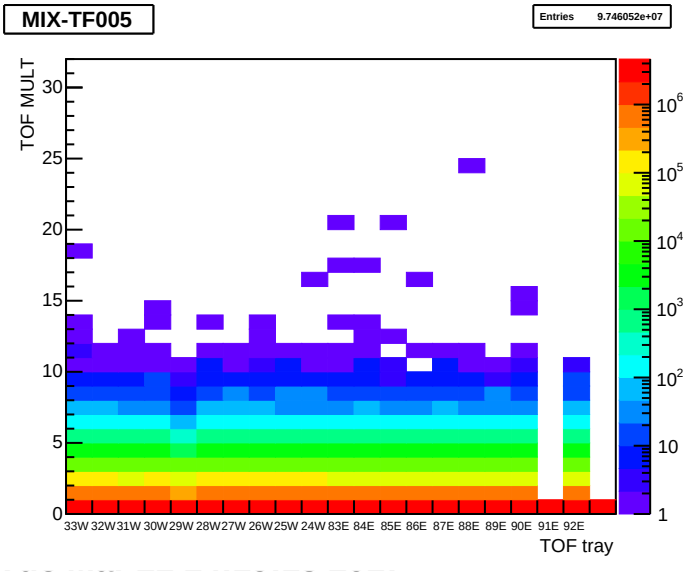

BunchId7Bit (RPET)
Entries 866477

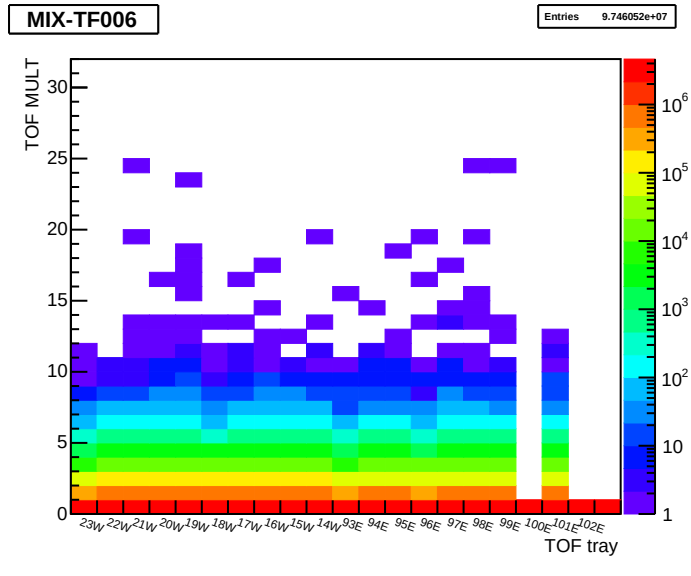

MIX-TF001
Entries 9.746052e+07
TOF MULT
TOF tray

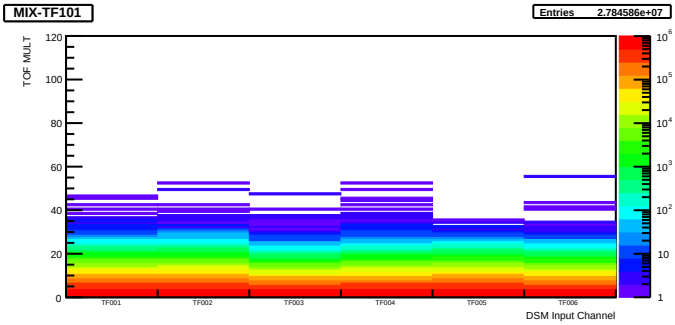

MIX-TF002
Entries 9.746052e+07
TOF MULT
TOF tray

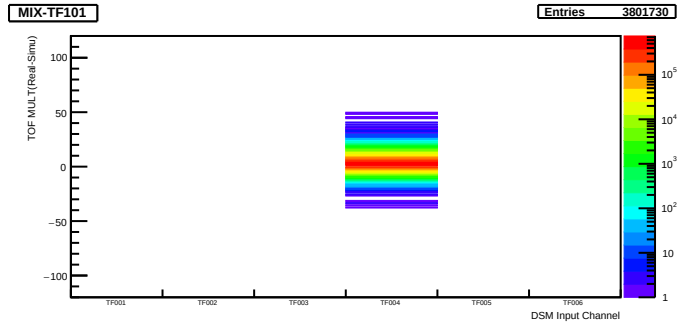

MIX-TF003
Entries 9.746052e+07
TOF MULT
TOF tray

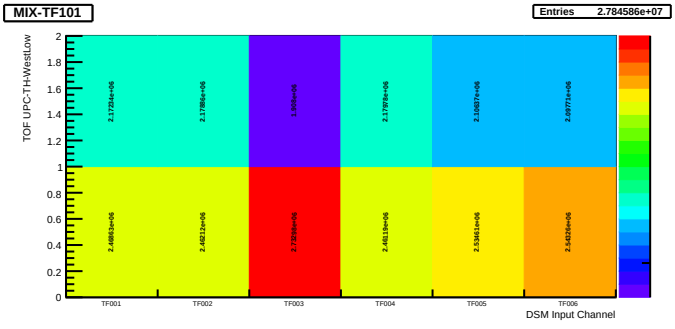

MIX-TF004
Entries 9.746052e+07
TOF MULT
TOF tray

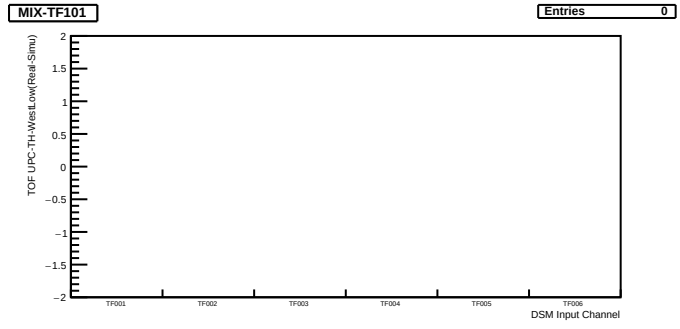

MIX-TF005
Entries 9.746052e+07
TOF MULT
TOF tray

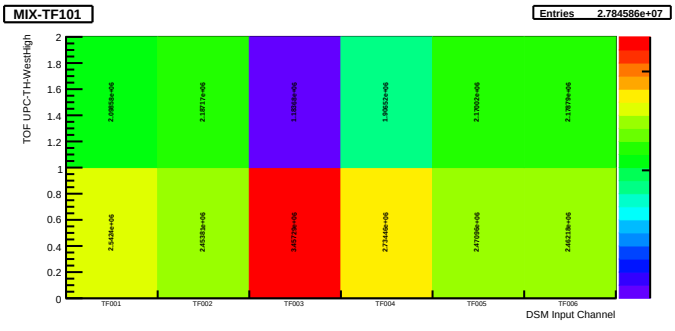

MIX-TF006
Entries 9.746052e+07
TOF MULT
TOF tray

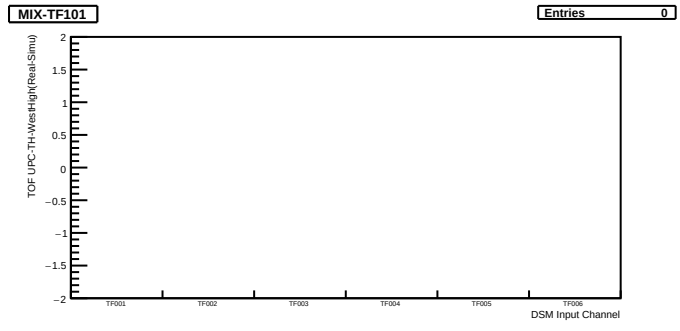

MIX-TF101
Entries 2.784586e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

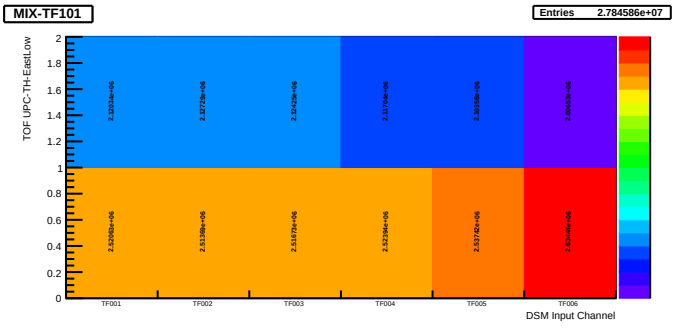

MIX-TF101
Entries 3801730
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

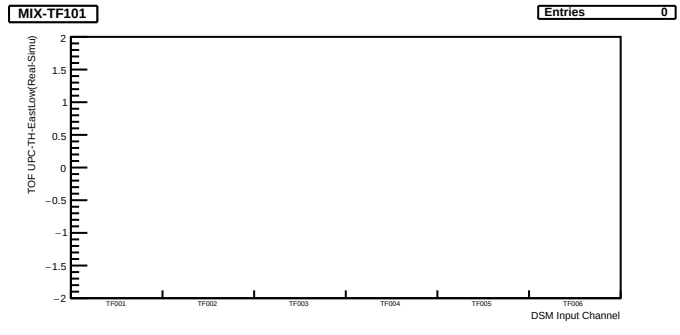

MIX-TF101
Entries 2.784586e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

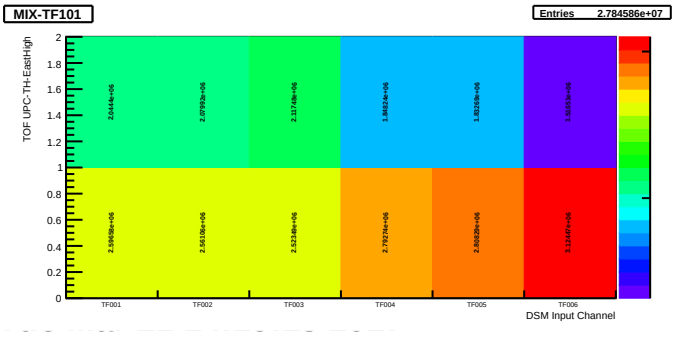

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

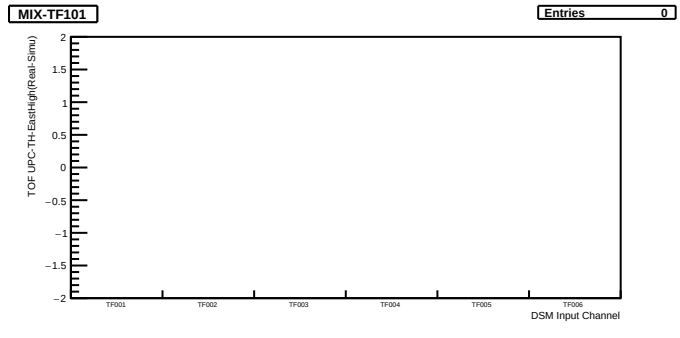

MIX-TF101
Entries 2.784586e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

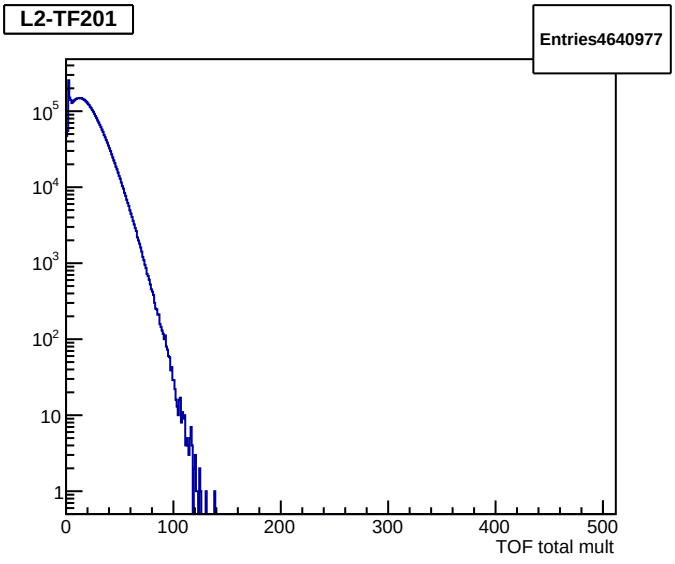

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

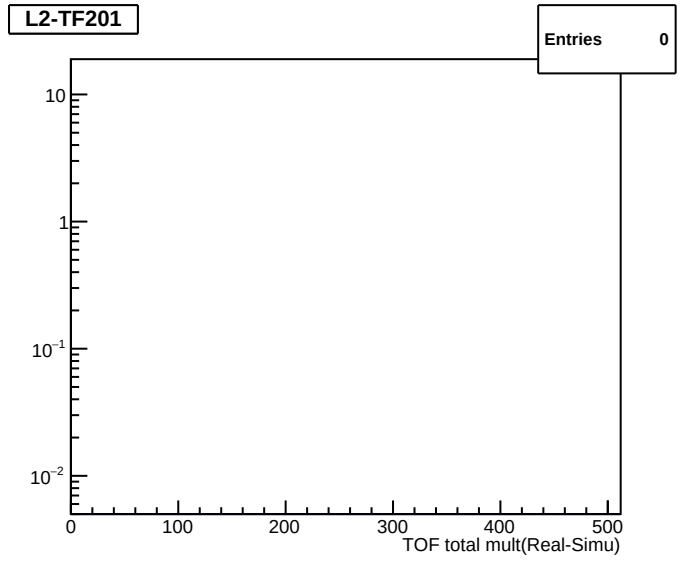

MIX-TF101
Entries 2.784586e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

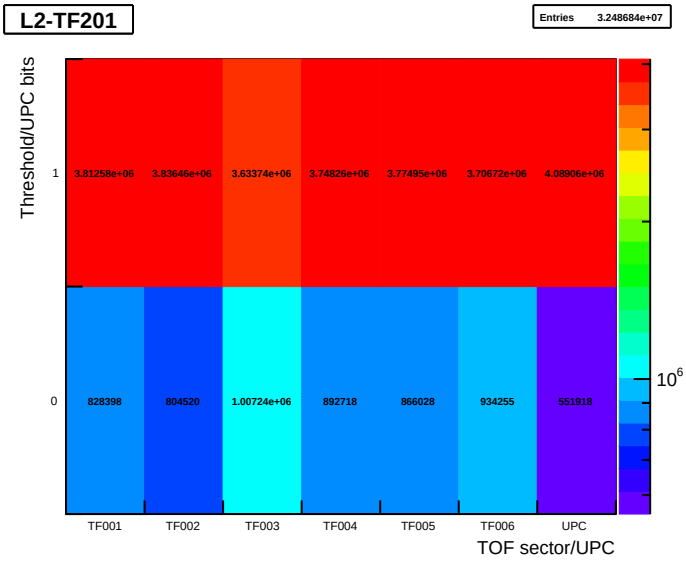

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

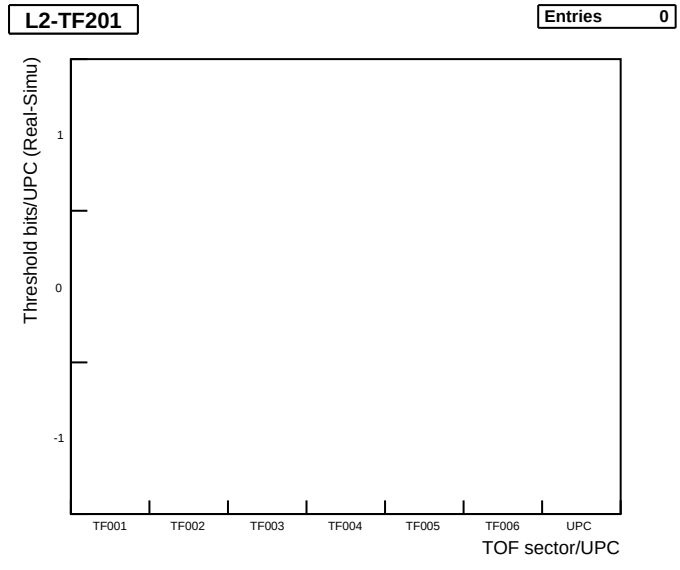

MIX-TF101
Entries 2.784586e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

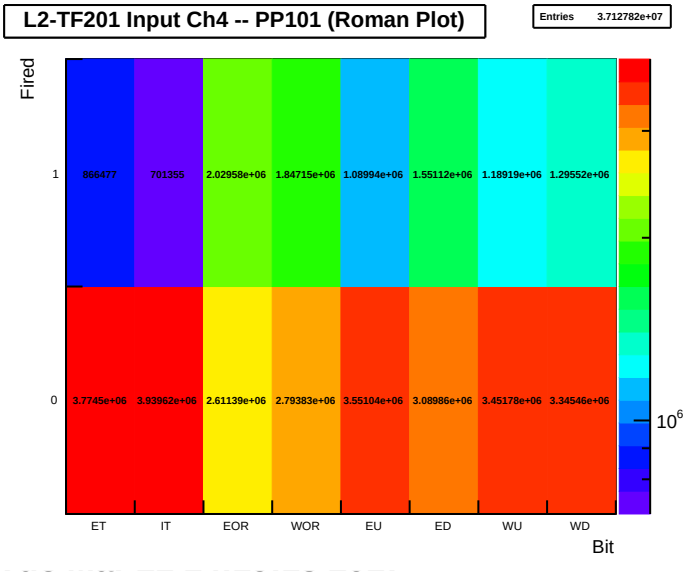

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

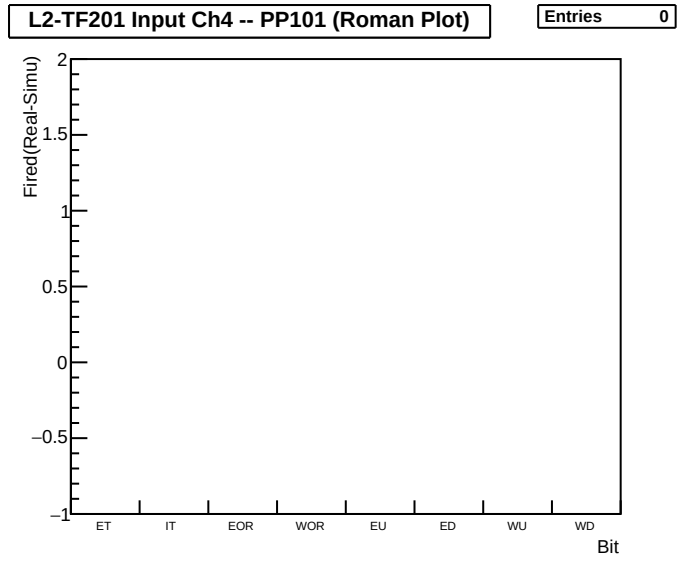

L2-TF201
Entries4640977
TOF total mult

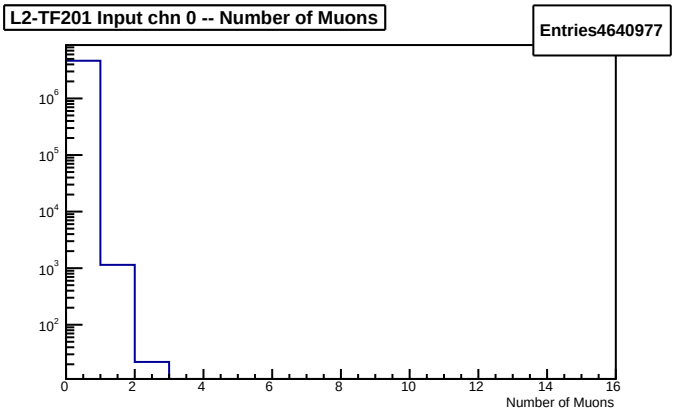

L2-TF201
Entries 0
TOF total mult(Real-Simu)

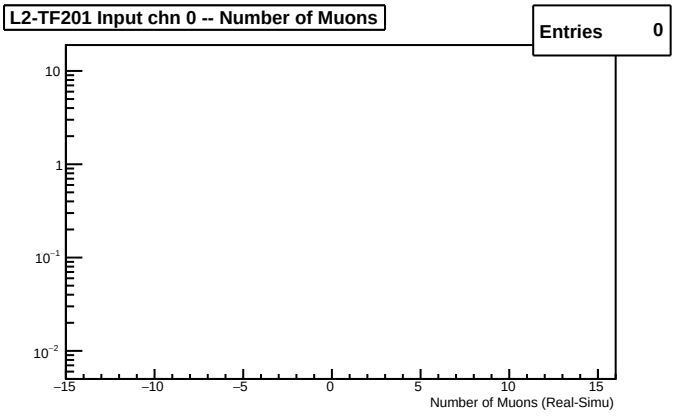

L2-TF201
Entries 3.248684e+07
Threshold/UPC bits
3.81258e+06
3.83646e+06
3.63374e+06
3.74826e+06
3.77495e+06
3.70672e+06
4.08906e+06
828398
804520
1.00724e+06
892718
866028
934255
551918
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

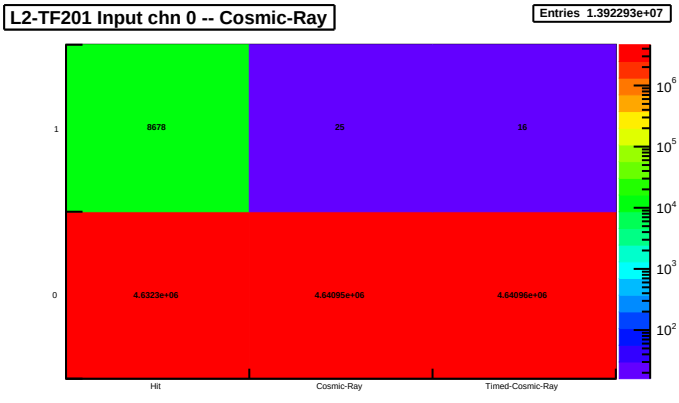

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

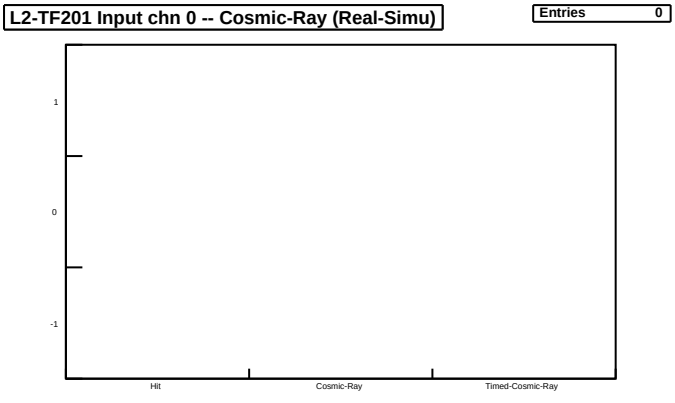

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.712782e+07
Fired
866477
701355
2.02958e+06
1.84715e+06
1.08994e+06
1.55112e+06
1.18919e+06
1.29552e+06
3.7745e+06
3.93962e+06
2.61139e+06
2.79383e+06
3.55104e+06
3.08986e+06
3.45178e+06
3.34546e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

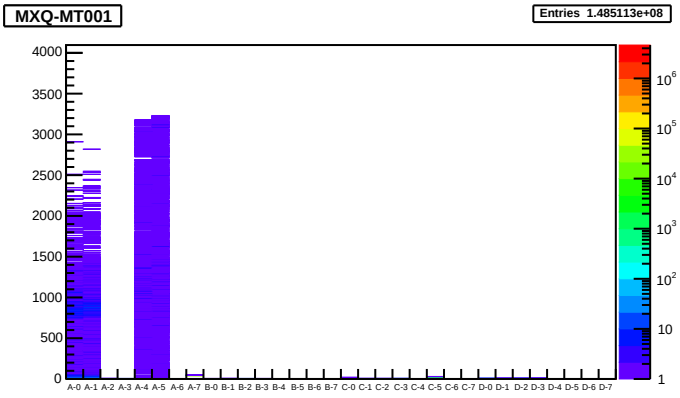

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

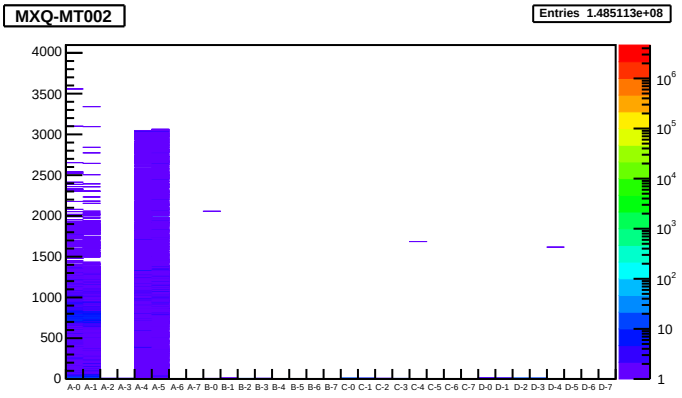

L2-TF201 Input chn 0 -- Number of Muons
Entries4640977
Number of Muons

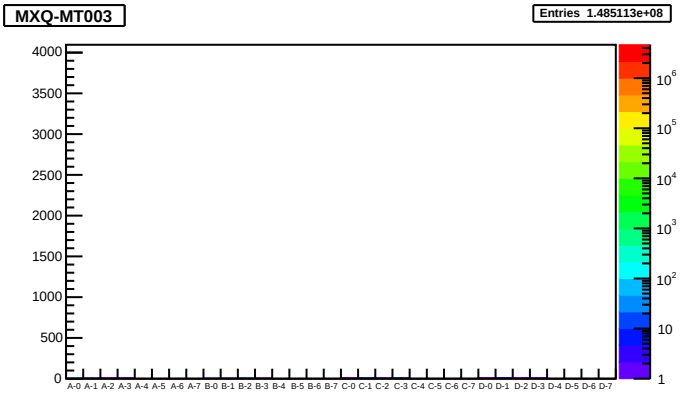

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

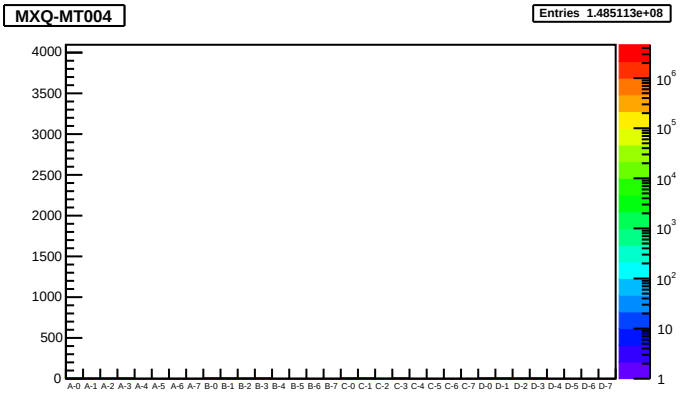

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.392293e+07
8678
25
16
4.6323e+06
4.64095e+06
4.64096e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

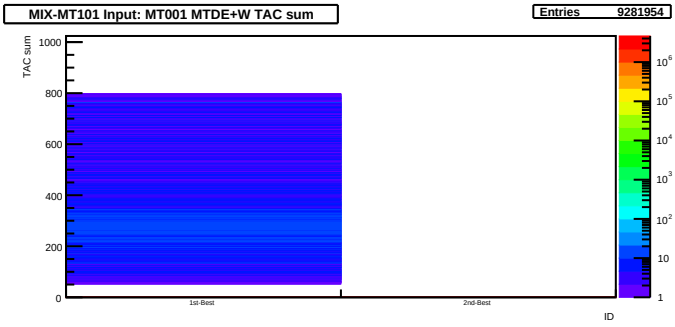

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

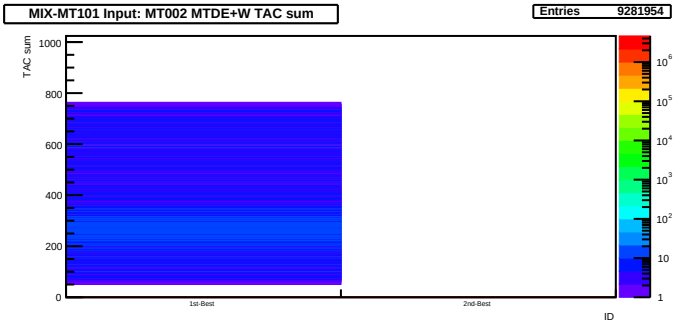

MXQ-MT001
Entries 1.485113e+08

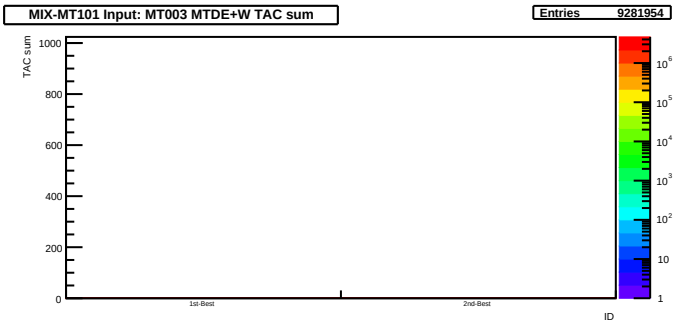

MXQ-MT002
Entries 1.485113e+08

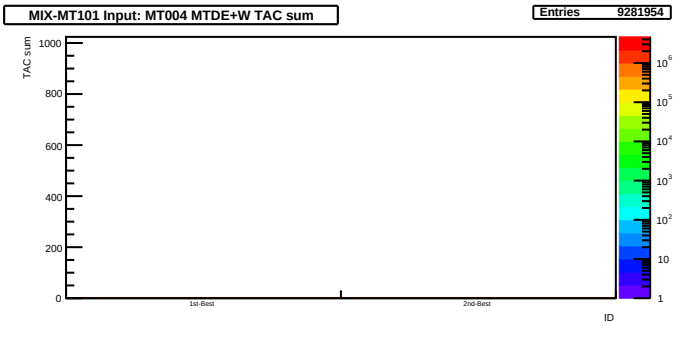

MXQ-MT003
Entries 1.485113e+08

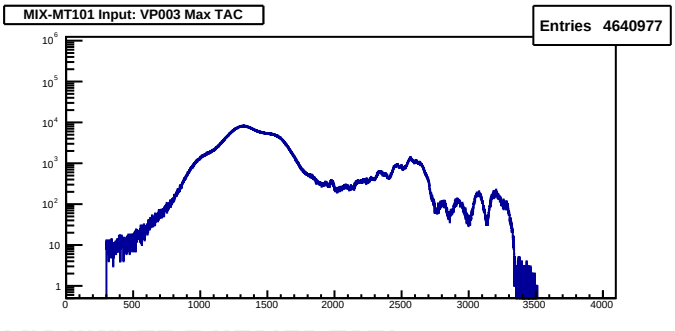

MXQ-MT004
Entries 1.485113e+08

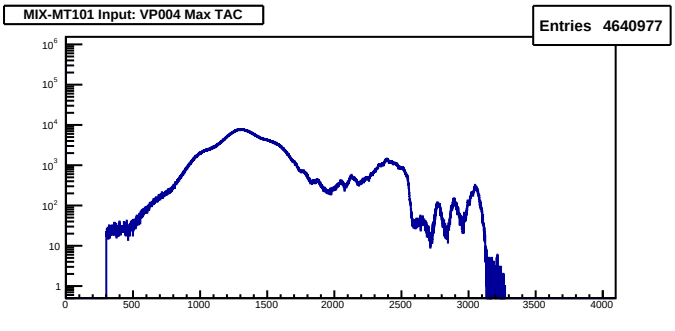

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9281954
TAC sum
1st-Best
2nd-Best
ID

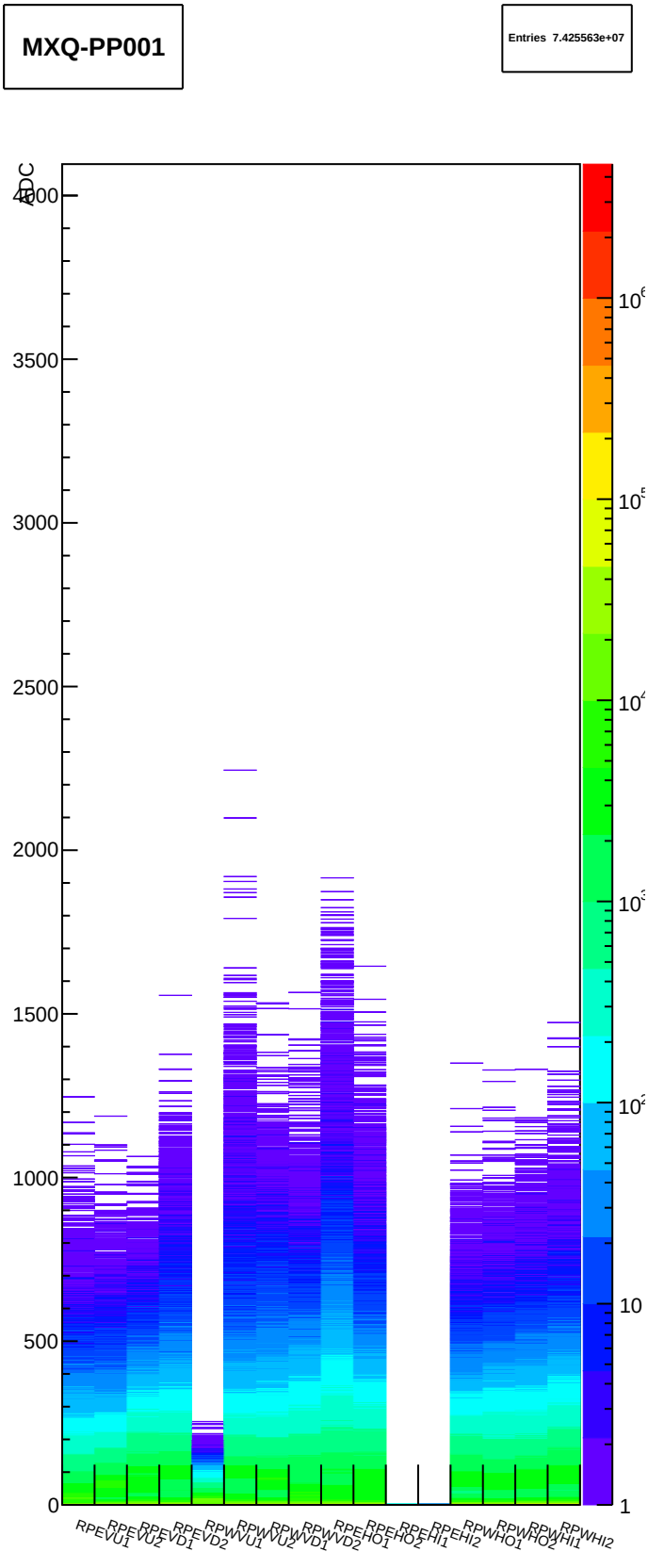

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9281954
TAC sum
1st-Best
2nd-Best
ID

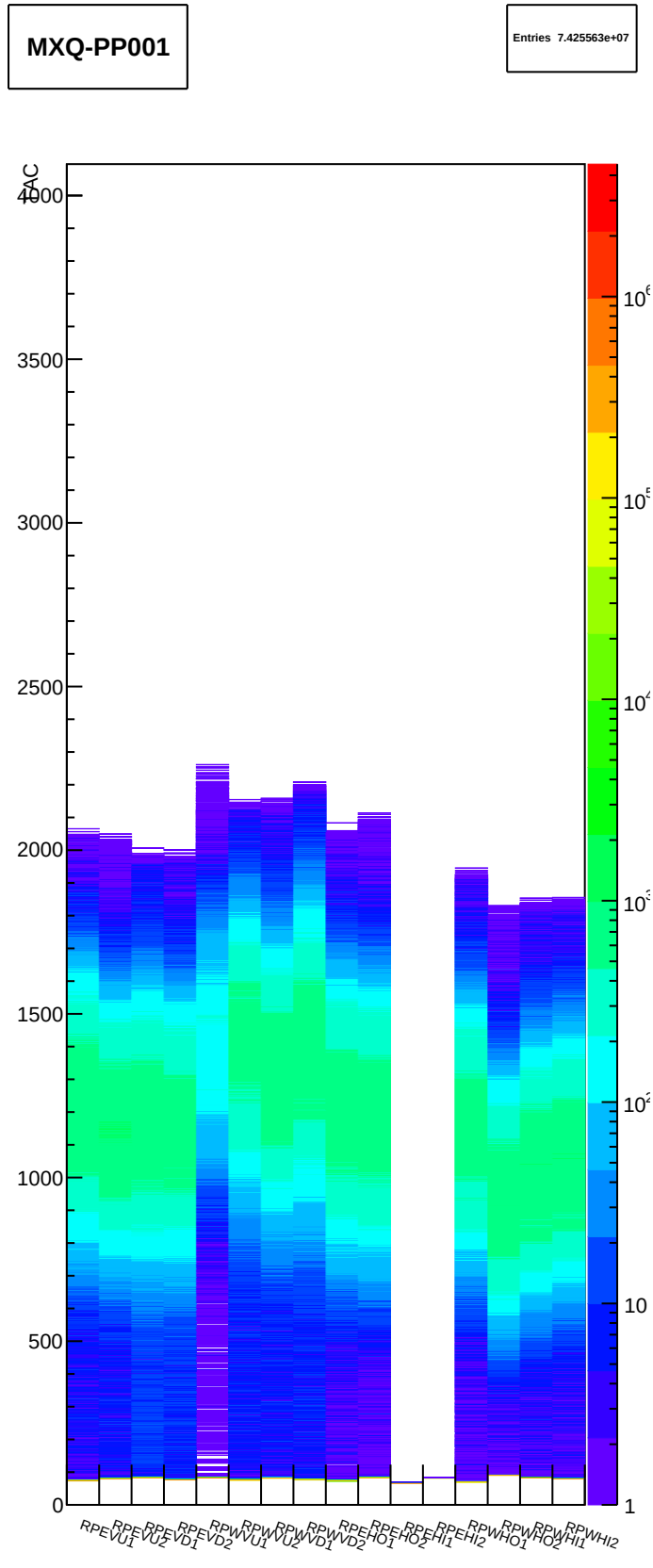

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9281954
TAC sum
1st-Best
2nd-Best
ID

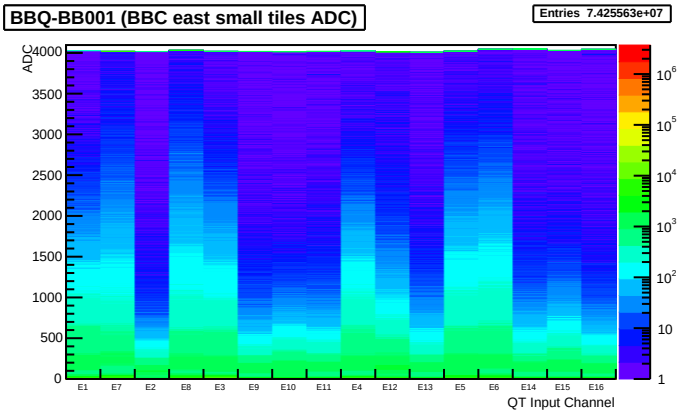

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9281954
TAC sum
1st-Best
2nd-Best
ID

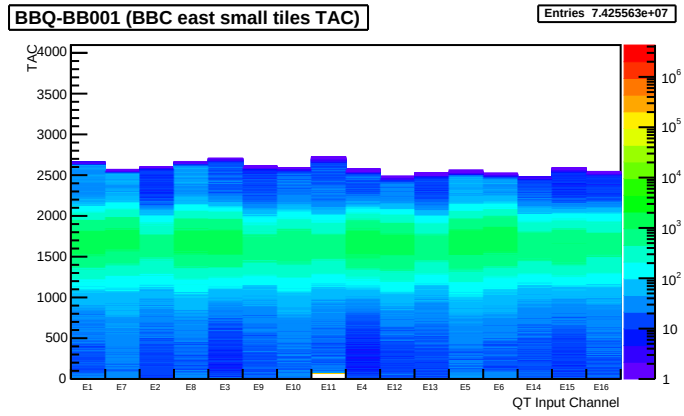

MIX-MT101 Input: VP003 Max TAC
Entries 4640977

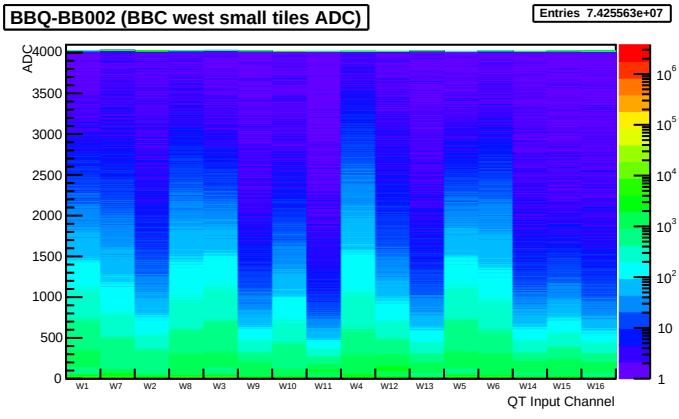

MIX-MT101 Input: VP004 Max TAC
Entries 4640977

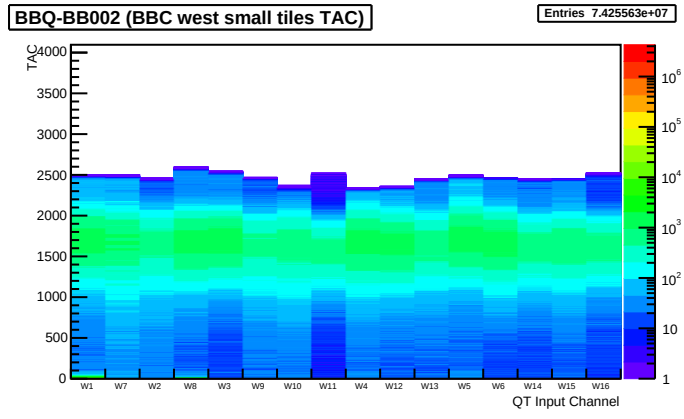

MXQ-PP001
Entries 7.425563e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

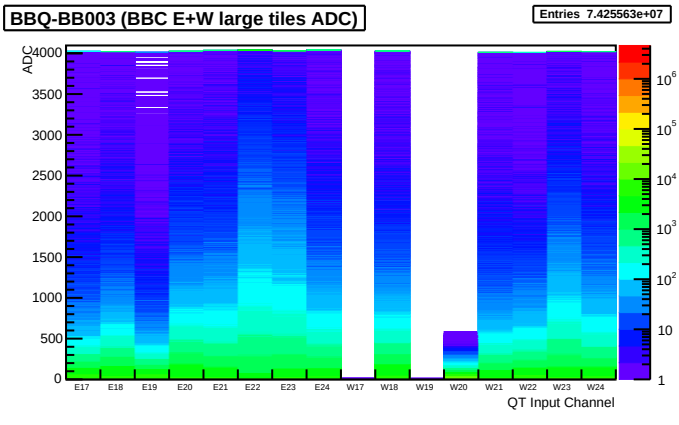

MXQ-PP001
Entries 7.425563e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

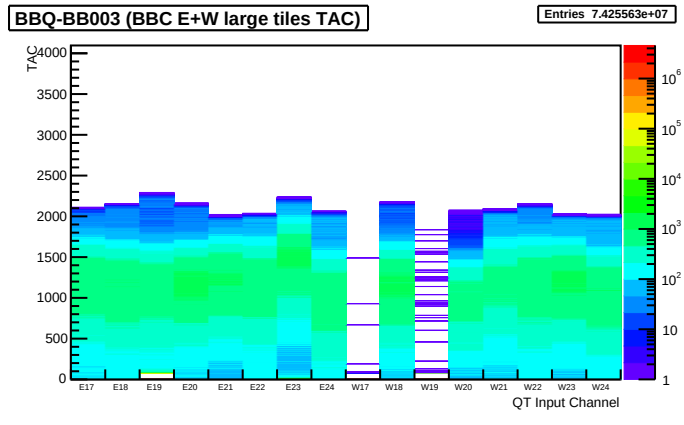

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.425563e+07
ADC
QT Input Channel

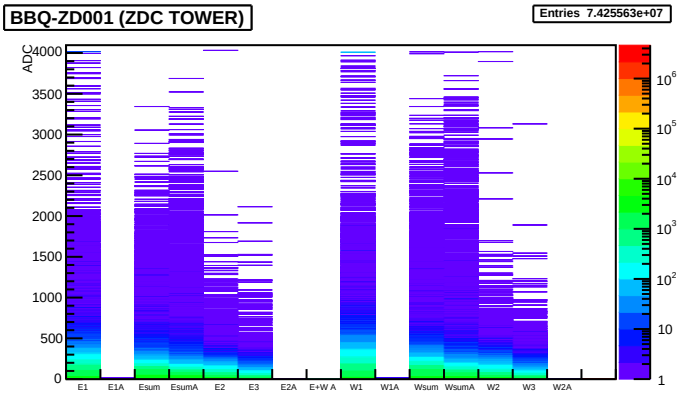

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.425563e+07
TAC
QT Input Channel

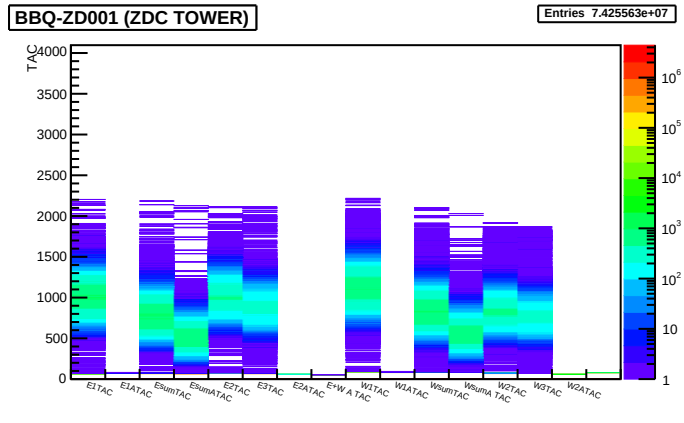

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.425563e+07
ADC
QT Input Channel

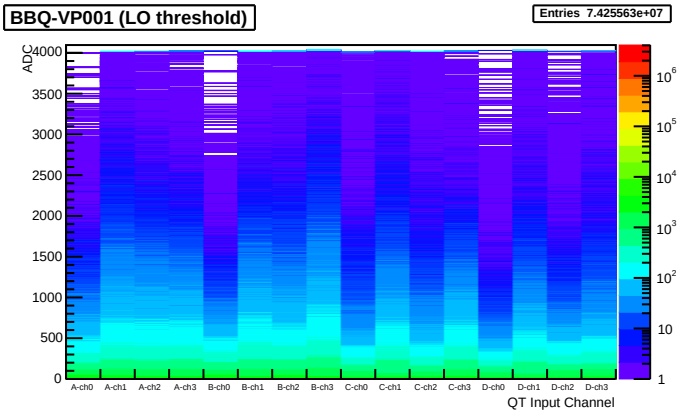

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.425563e+07
TAC
QT Input Channel

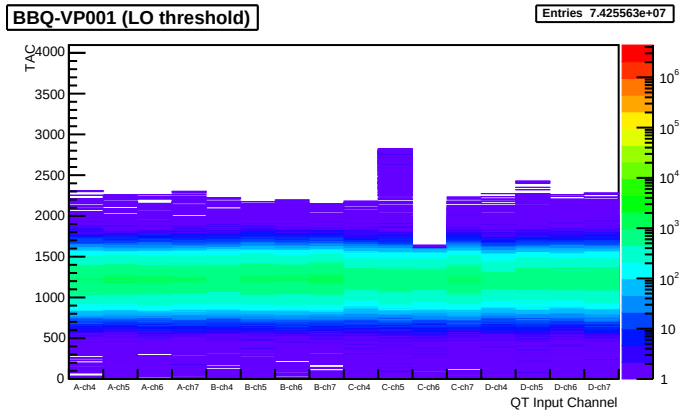

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.425563e+07
ADC
QT Input Channel

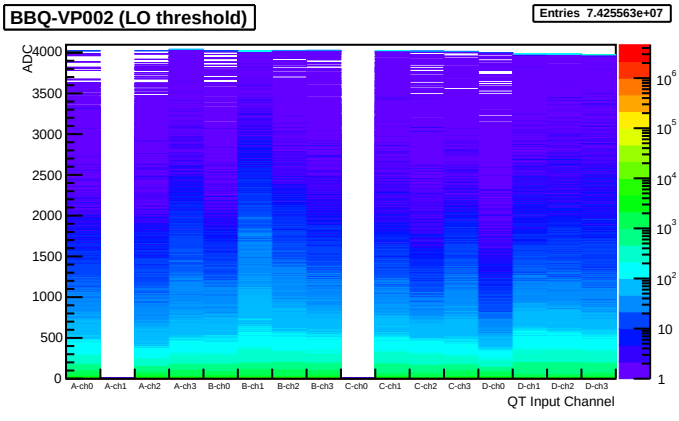

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.425563e+07
TAC
QT Input Channel

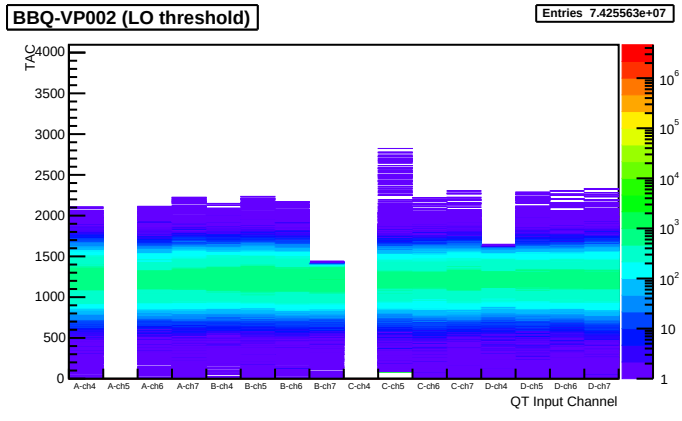

BBQ-ZD001 (ZDC TOWER)
Entries 7.425563e+07
ADC

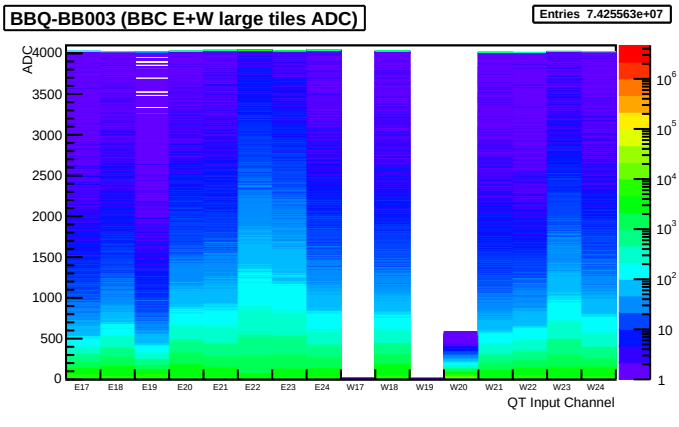

BBQ-ZD001 (ZDC TOWER)
Entries 7.425563e+07
TAC

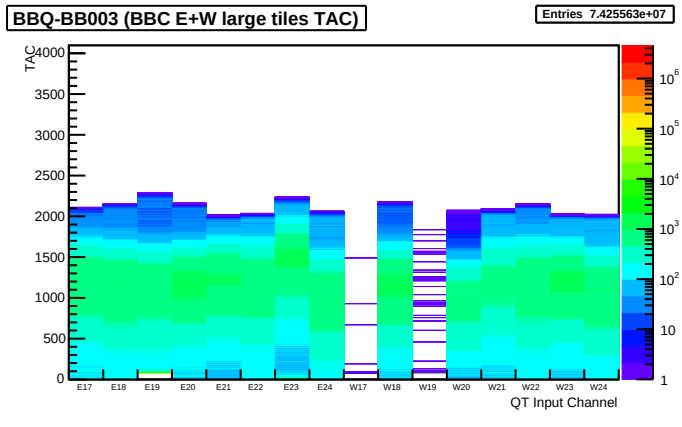

BBQ-VP001 (LO threshold)
Entries 7.425563e+07
ADC
QT Input Channel

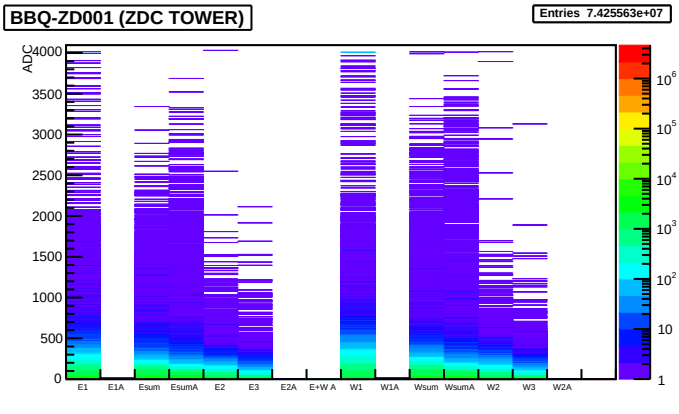

BBQ-VP001 (LO threshold)
Entries 7.425563e+07
TAC
QT Input Channel

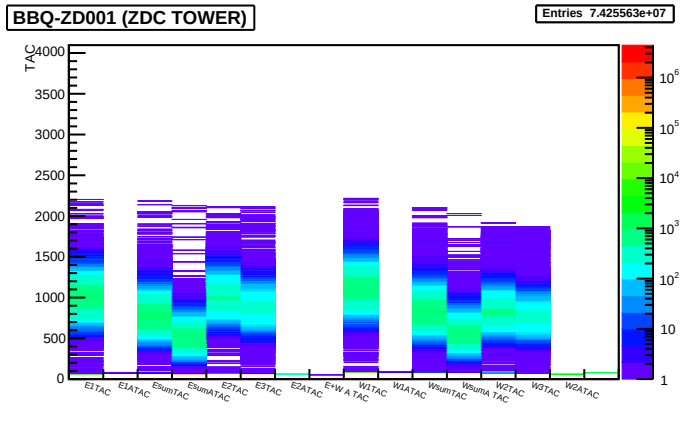

BBQ-VP002 (LO threshold)
Entries 7.425563e+07
ADC
QT Input Channel

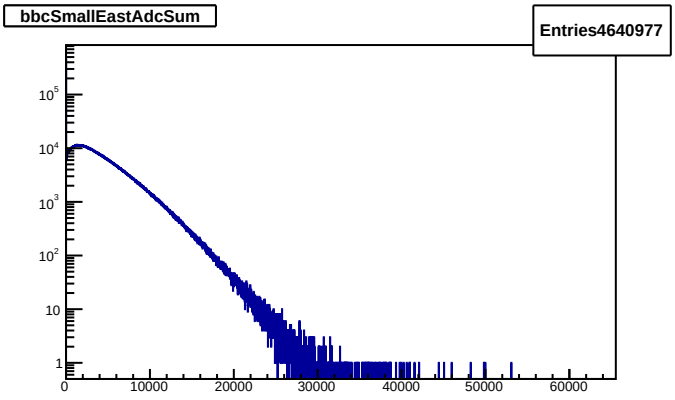

BBQ-VP002 (LO threshold)
Entries 7.425563e+07
TAC
QT Input Channel

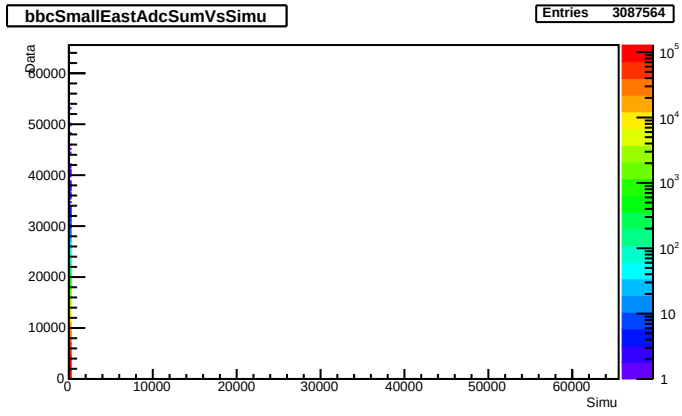

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.425563e+07
ADC
QT Input Channel

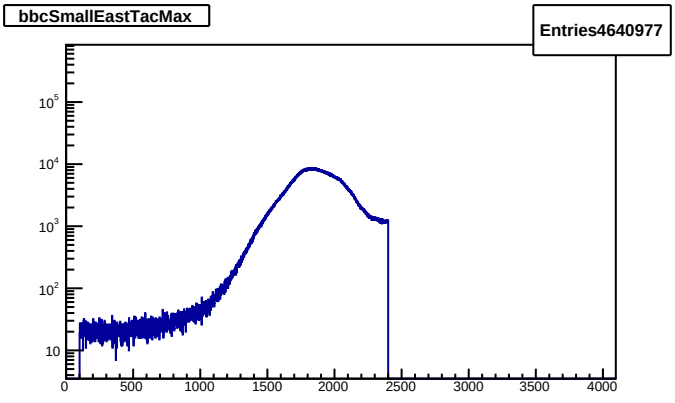

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.425563e+07
TAC
QT Input Channel

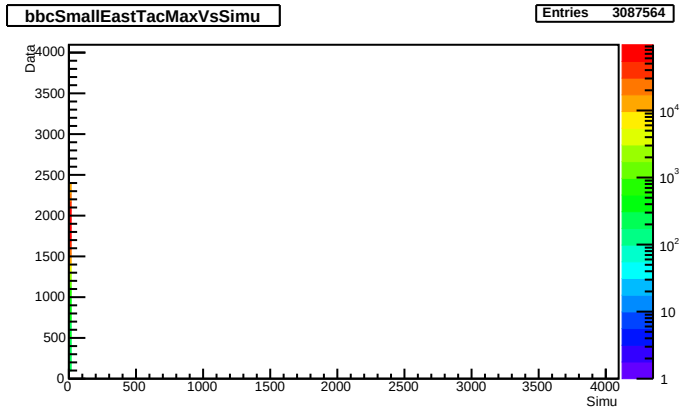

BBQ-ZD001 (ZDC TOWER)
Entries 7.425563e+07
ADC

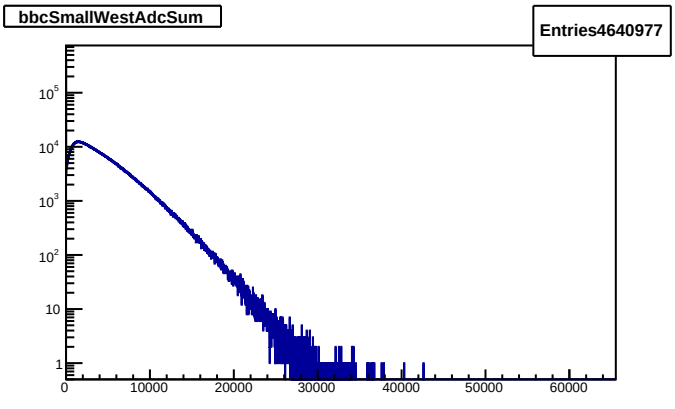

BBQ-ZD001 (ZDC TOWER)
Entries 7.425563e+07
TAC

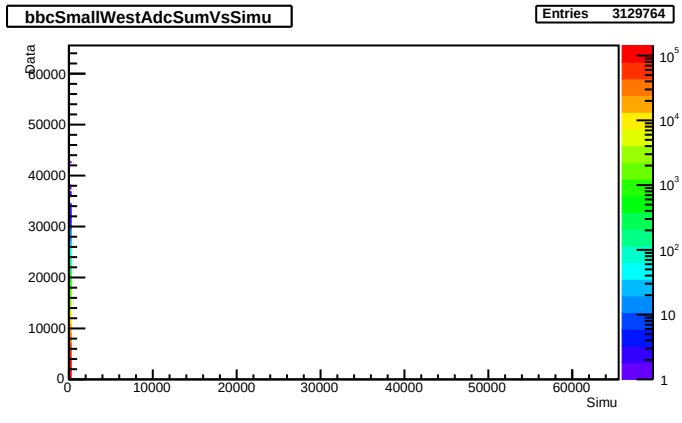

bbcSmallEastAdcSum
Entries4640977

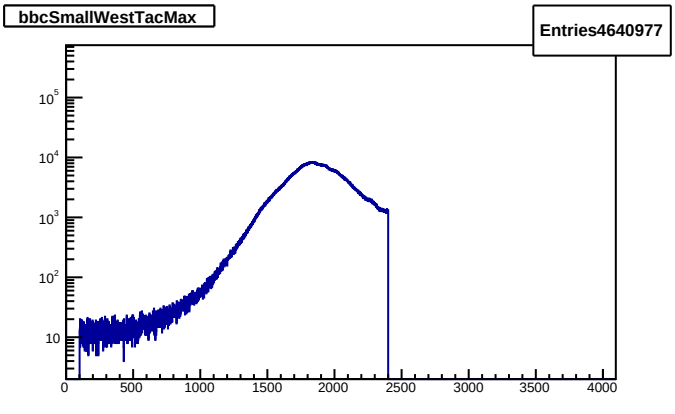

bbcSmallEastAdcSumVsSimu
Entries 3087564
Data
Simu

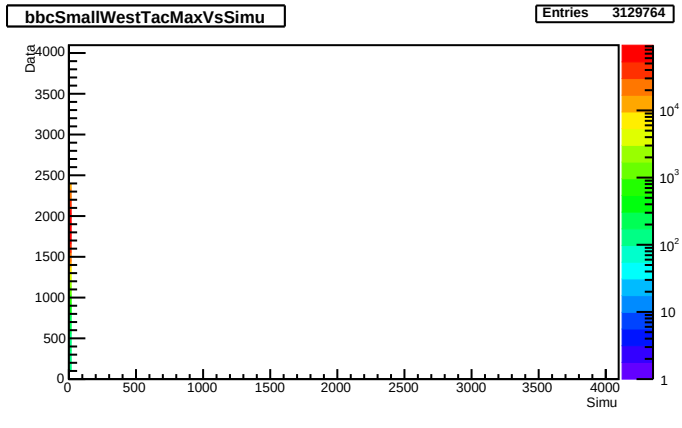

bbcSmallEastTacMax
Entries4640977

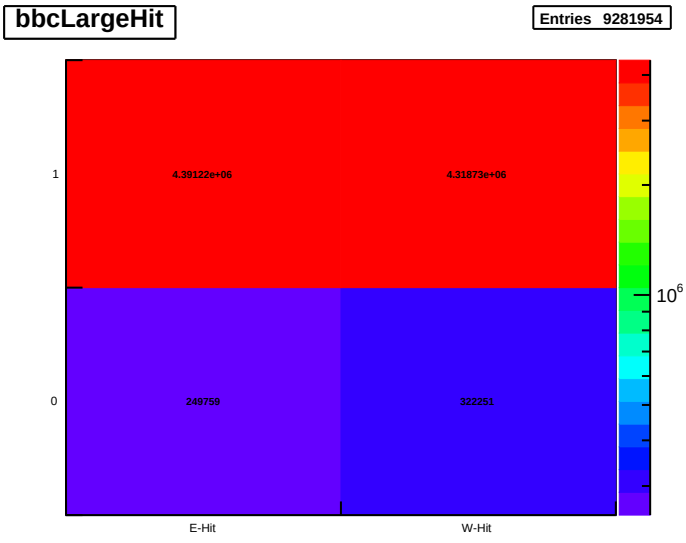

bbcSmallEastTacMaxVsSimu
Entries 3087564
Data
Simu

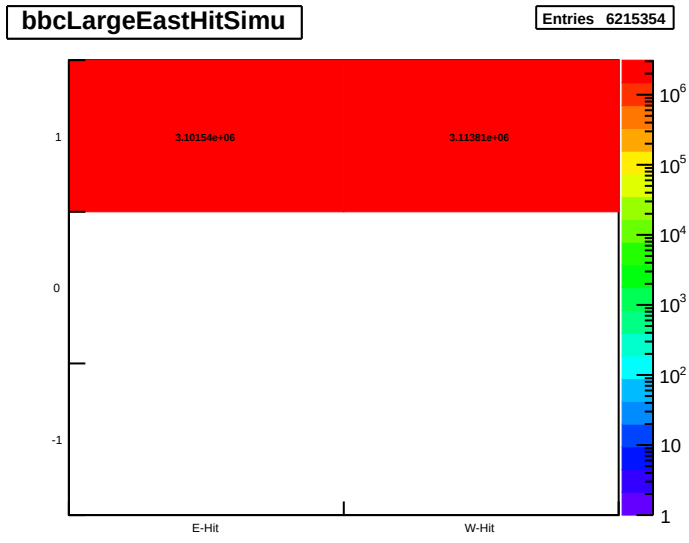

bbcSmallWestAdcSum
Entries4640977

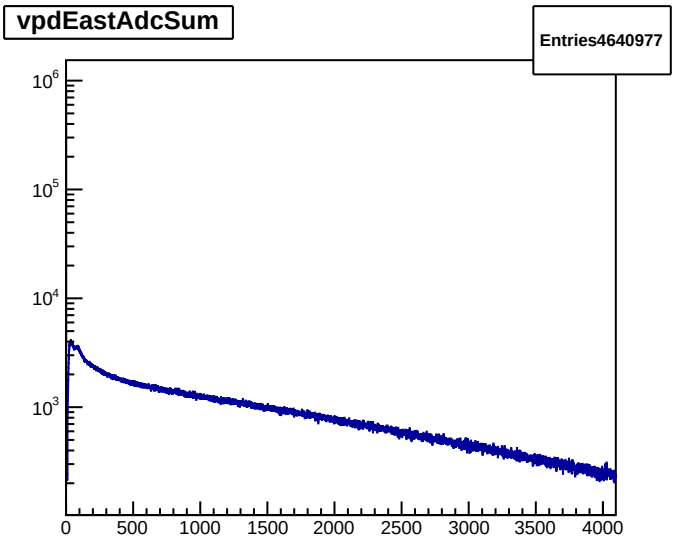

bbcSmallWestAdcSumVsSimu
Entries 3129764
Data
Simu

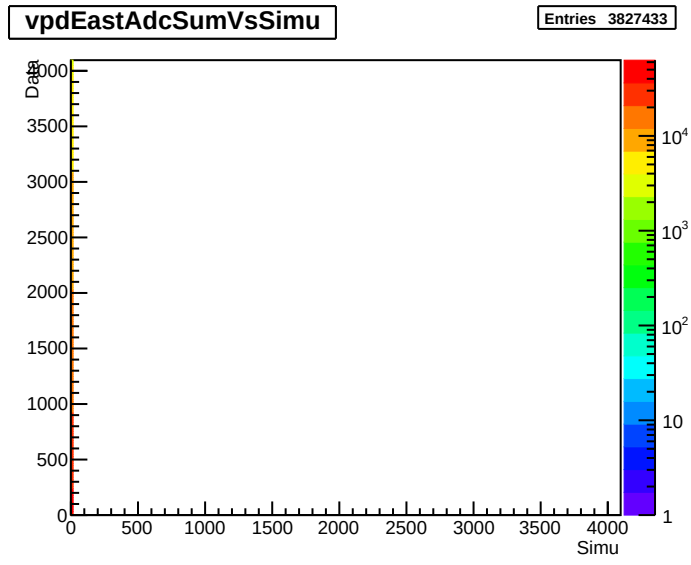

bbcSmallWestTacMax
Entries4640977

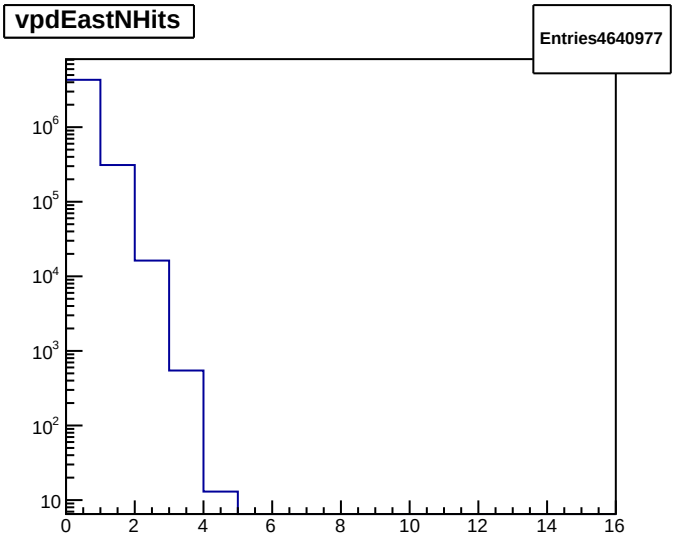

bbcSmallWestTacMaxVsSimu
Entries 3129764
Data
Simu

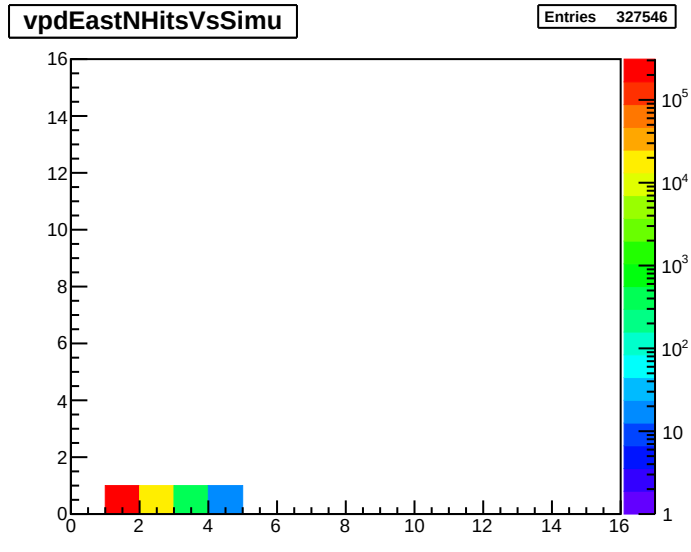

bbcLargeHit
Entries 9281954
1
0
4.39122e+06
4.31873e+06
249759
322251
E-Hit
W-Hit
10^6

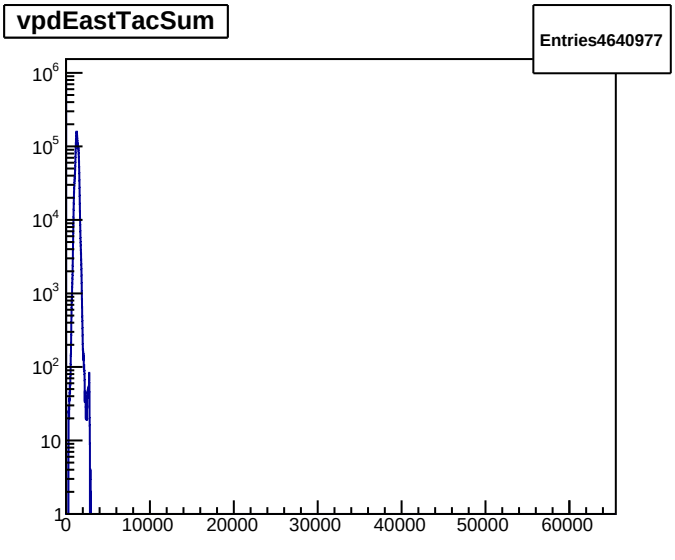

bbcLargeEastHitSimu
Entries 6215354
1
0
-1
3.10154e+06
3.11381e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

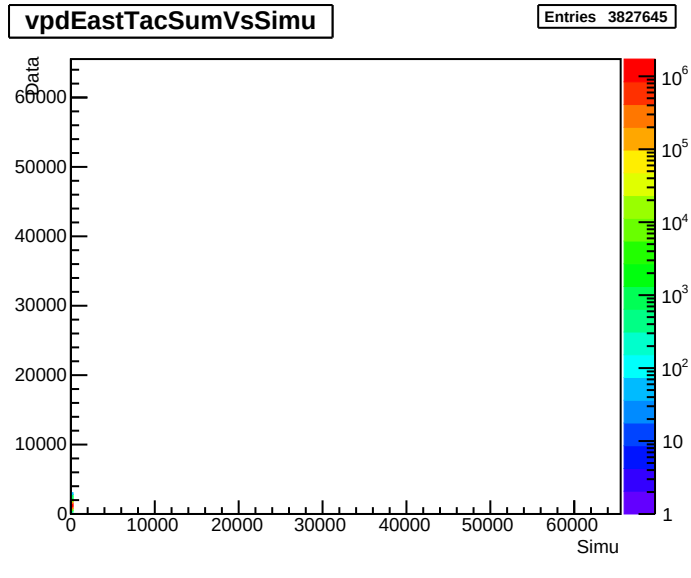

vpdEastAdcSum
Entries4640977

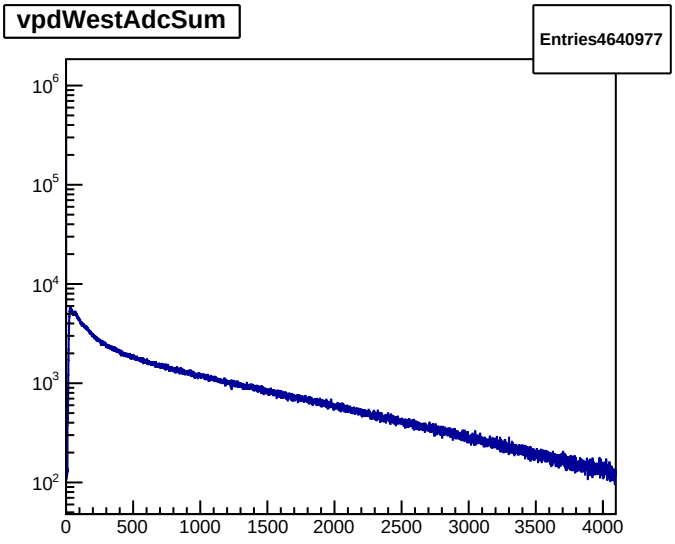

vpdEastAdcSumVsSimu
Entries 3827433
Data
Simu

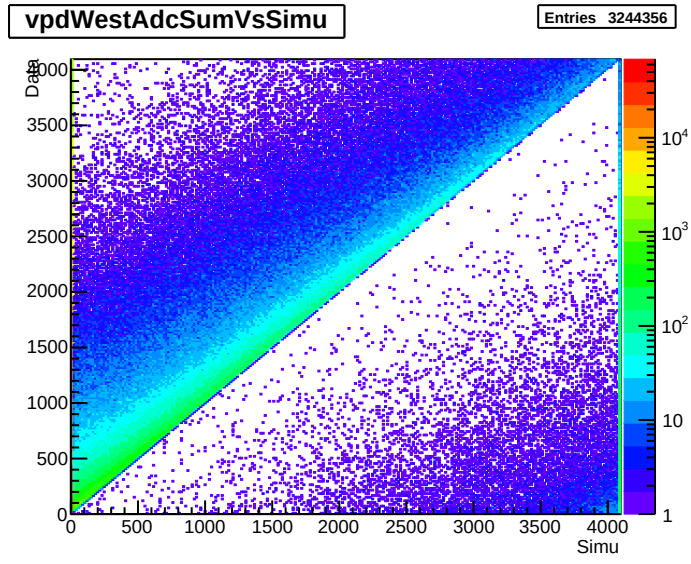

vpdEastNHits
Entries4640977

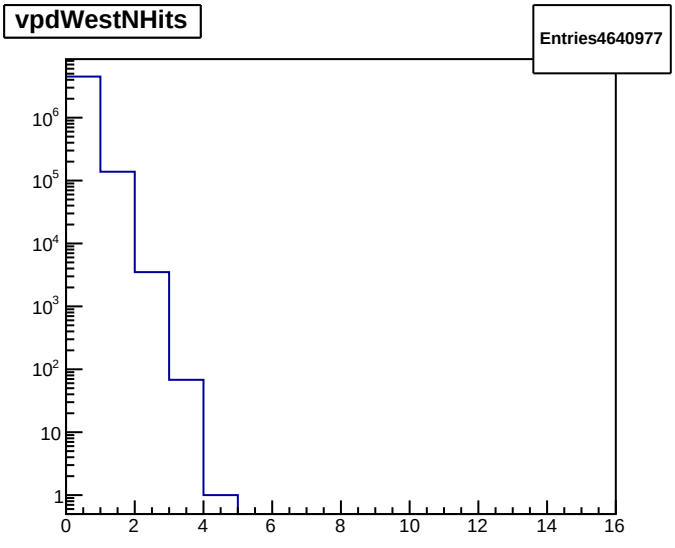

vpdEastNHitsVsSimu
Entries 327546

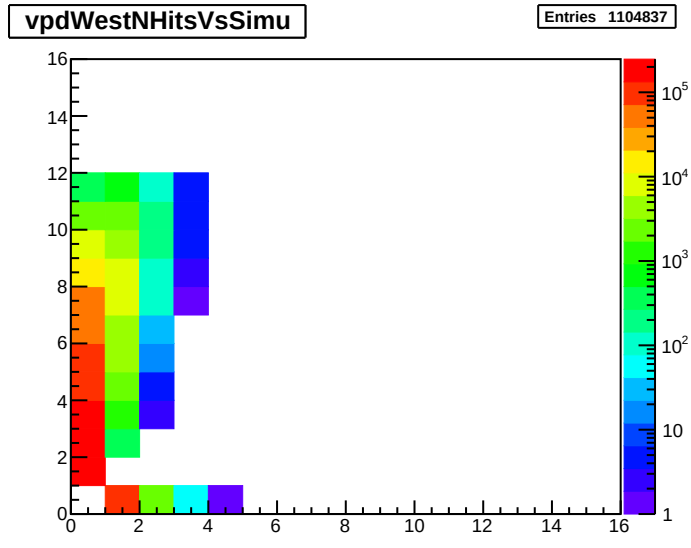

vpdEastTacSum
Entries4640977

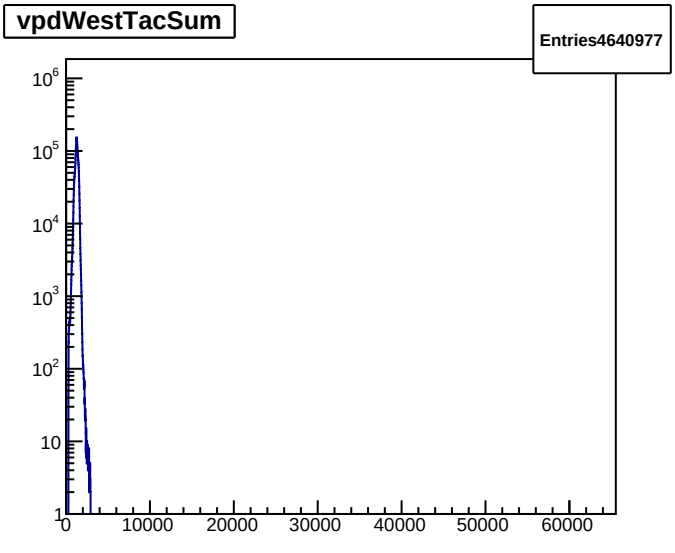

vpdEastTacSumVsSimu
Entries 3827645
Data
Simu

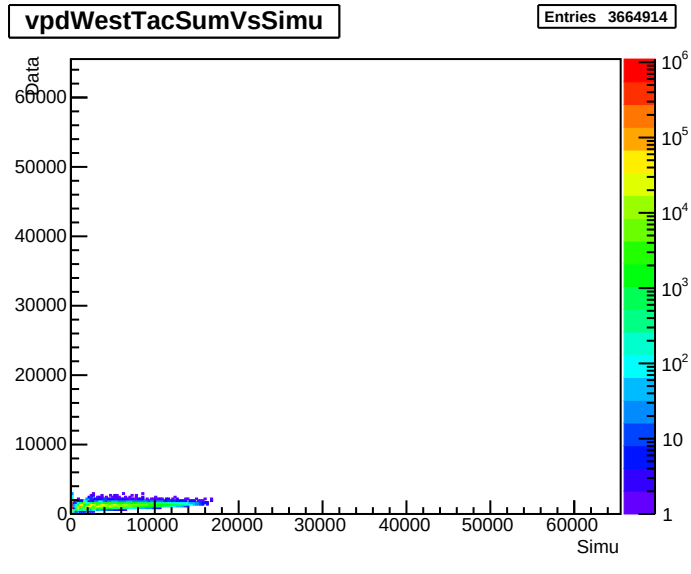

vpdWestAdcSum
Entries4640977

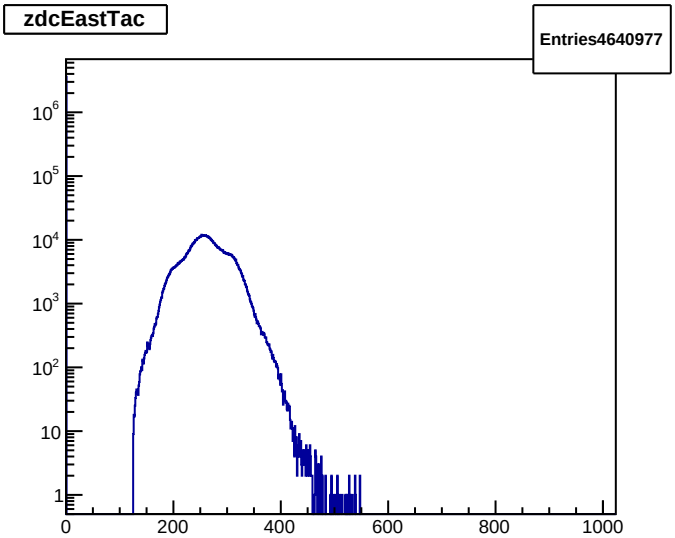

vpdWestAdcSumVsSimu
Entries 3244356
Data
Simu

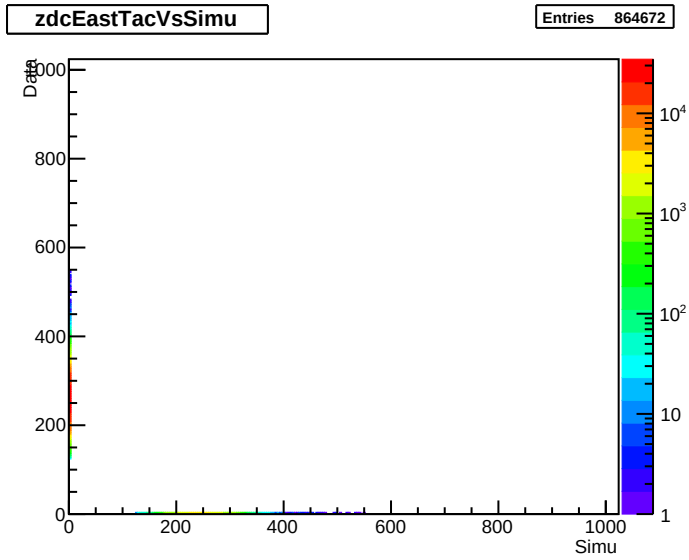

vpdWestNHits
Entries4640977

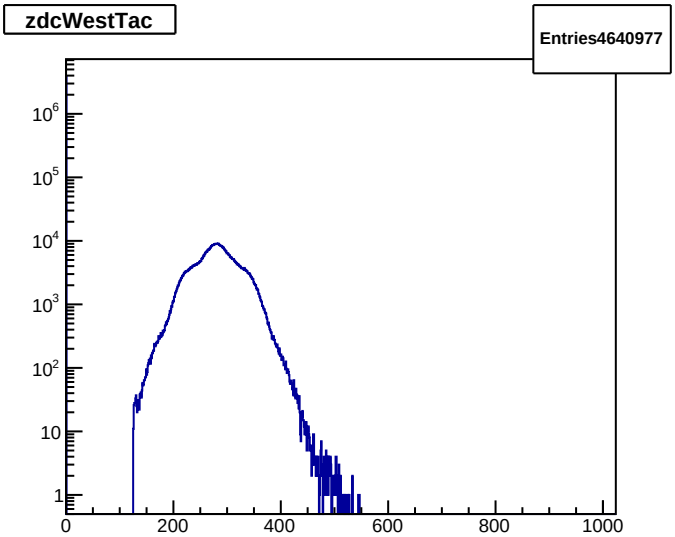

vpdWestNHitsVsSimu
Entries 1104837

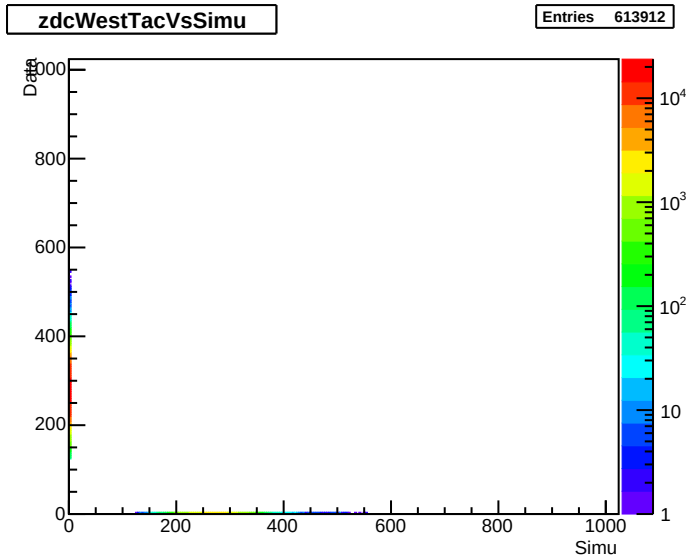

vpdWestTacSum
Entries4640977

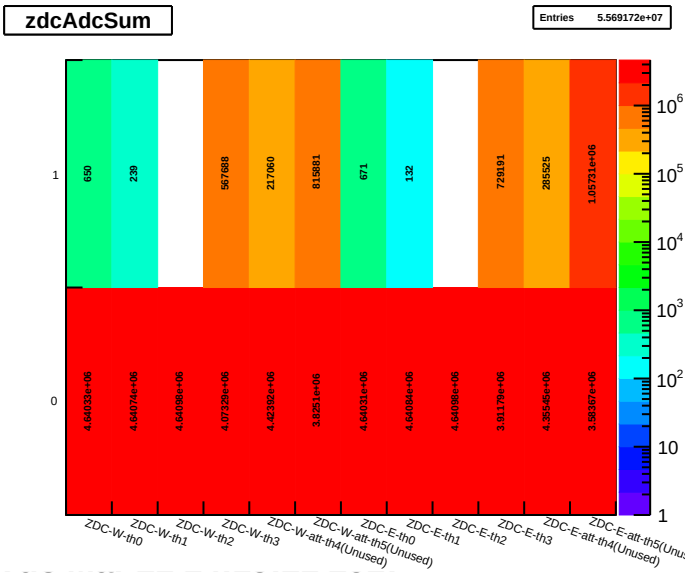

vpdWestTacSumVsSimu
Entries 3664914
Data
Simu

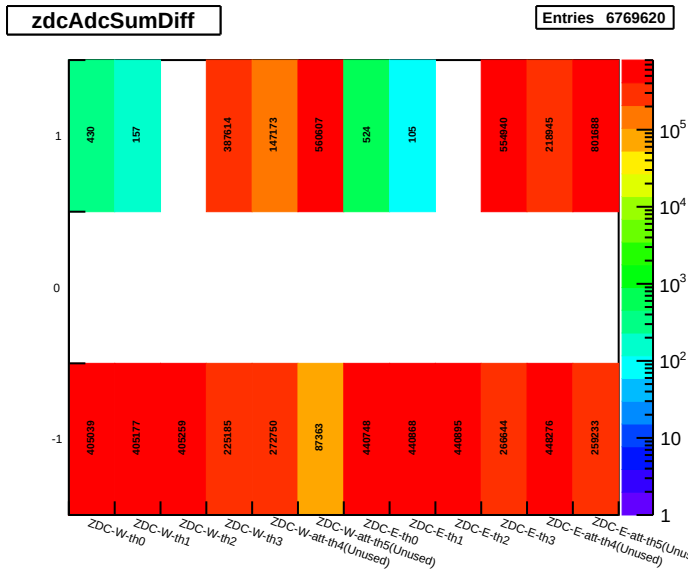

zdcEastTac
Entries4640977

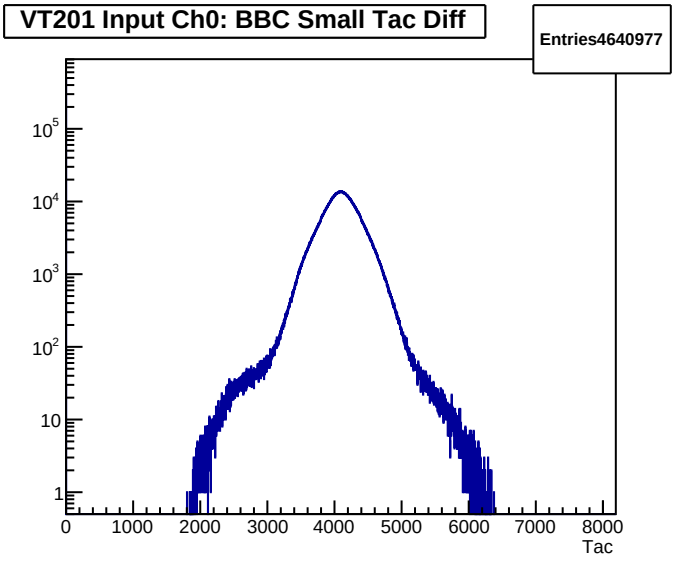

zdcEastTacVsSimu
Entries 864672
Data
Simu

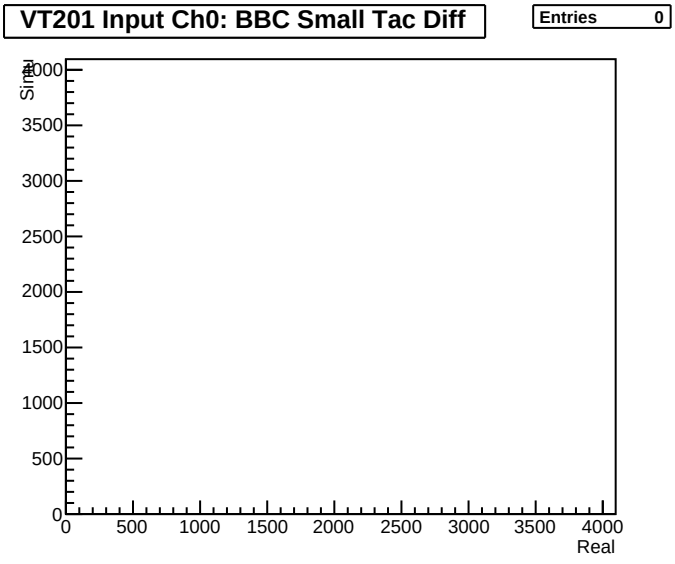

zdcWestTac
Entries4640977

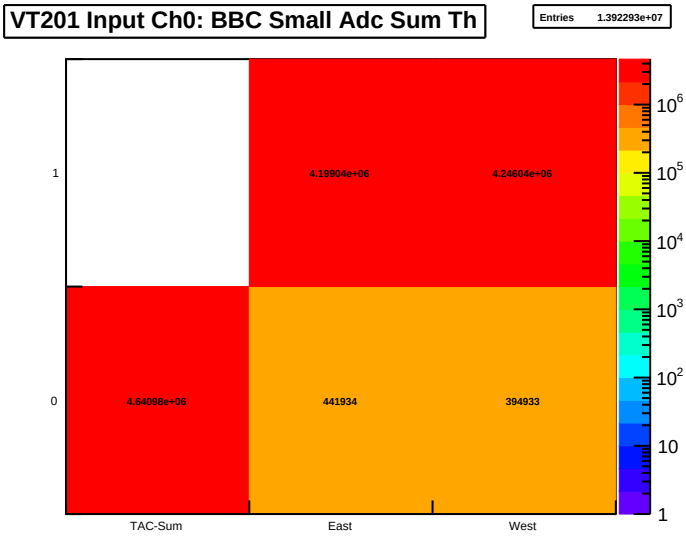

zdcWestTacVsSimu
Entries 613912
Data
Simu

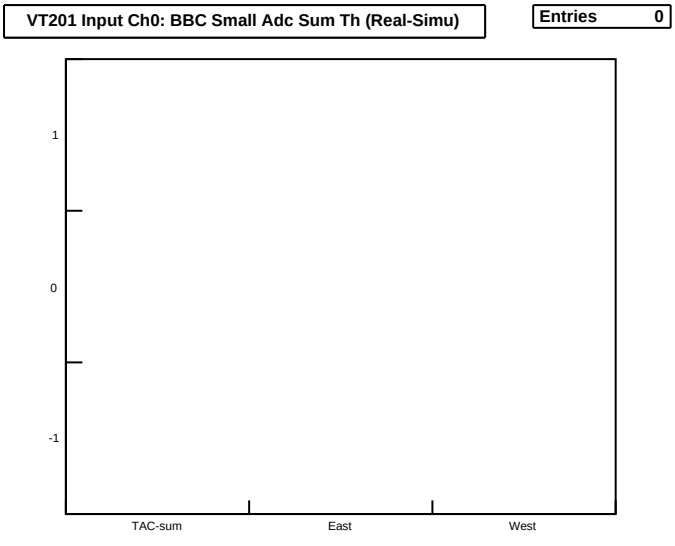

zdcAdcSum
Entries 5.569172e+07
650
239
567688
217060
815881
671
132
720191
285525
1.05731e+06
4.64033e+06
4.64074e+05
4.64098e+06
4.07329e+06
4.42392e+06
3.8251e+06
4.64031e+06
4.64084e+06
4.64098e+05
3.91179e+06
4.35545e+06
3.58367e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

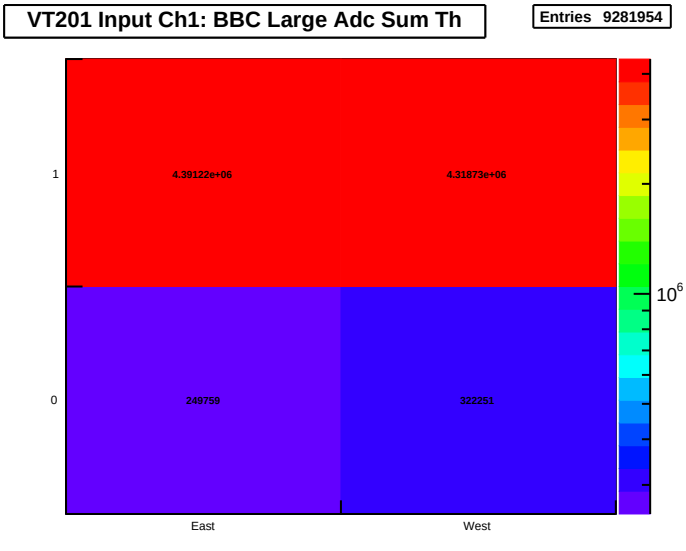

zdcAdcSumDiff
Entries 6769620
430
157
387614
147173
560607
524
105
554940
218945
801688
405039
405177
405259
225185
272750
87363
440748
440868
440895
266644
448276
259233
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

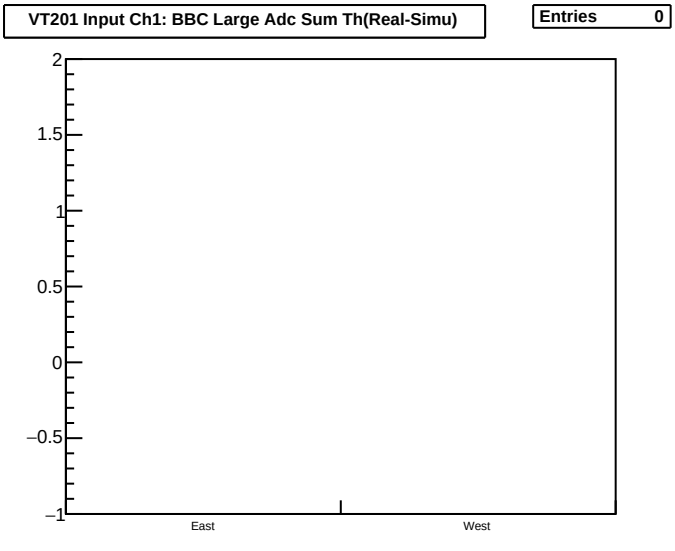

VT201 Input Ch0: BBC Small Tac Diff
Entries4640977
Tac


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

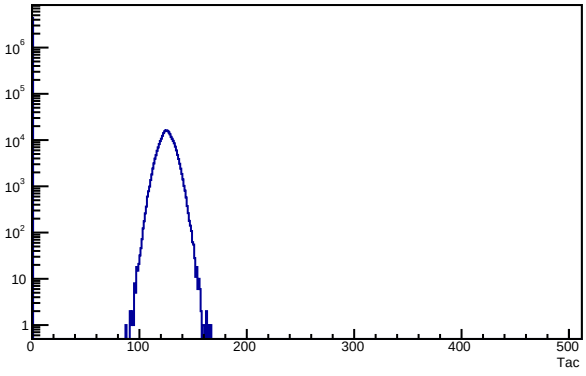

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.392293e+07
4.19904e+06
4.24604e+06
4.64098e+06
441934
394933
TAC-Sum
East
West


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

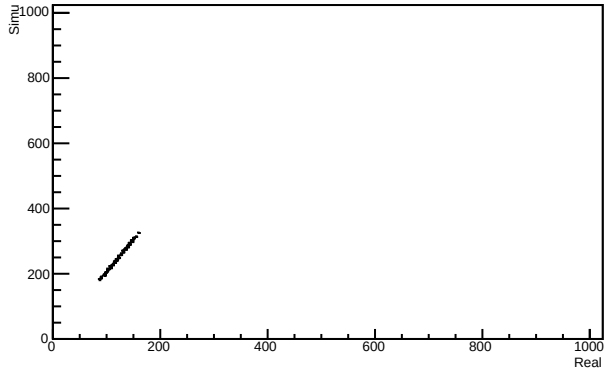

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9281954
4.39122e+06
4.31873e+06
249759
322251
East
West


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

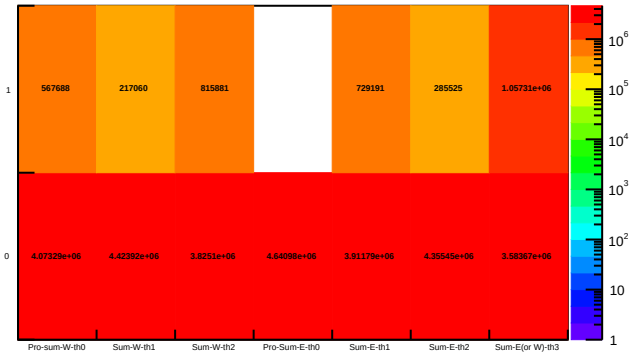
VT201 Input Ch2: ZDC Tac Diff



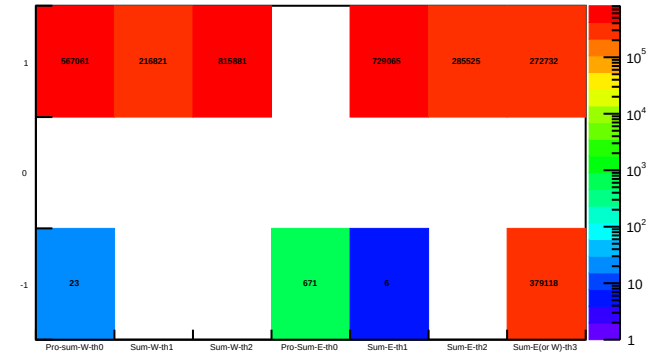
VT201 Input Ch2: ZDC Tac Diff



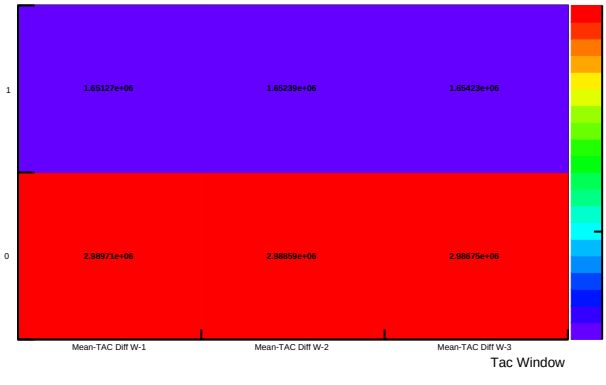
VT201 Input Ch2: ZDC Adc Sum Th



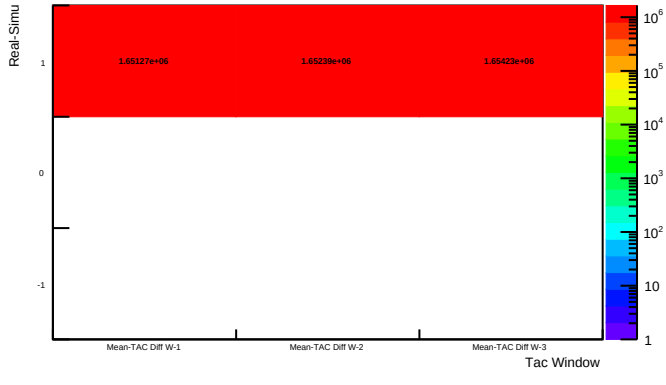
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



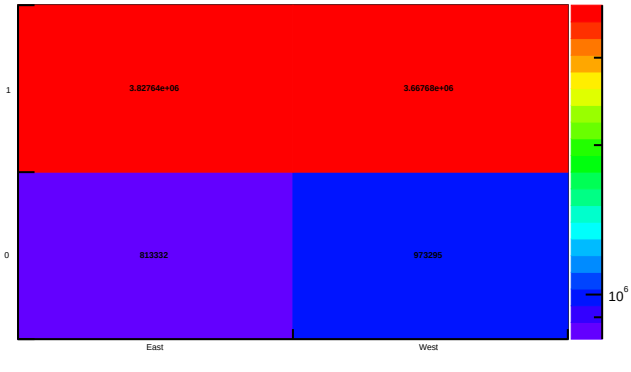
VT201 Input Ch4: VPD Tac Diff



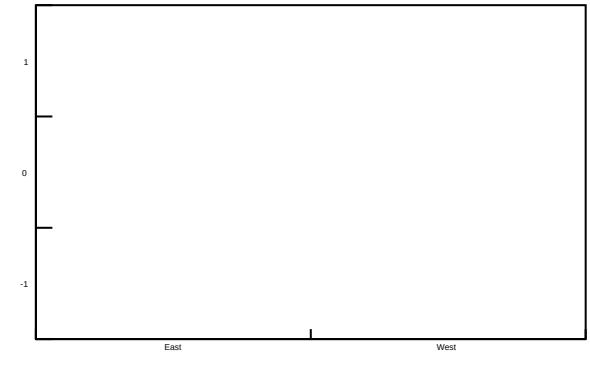
VT201 Input Ch4: VPD Tac Diff

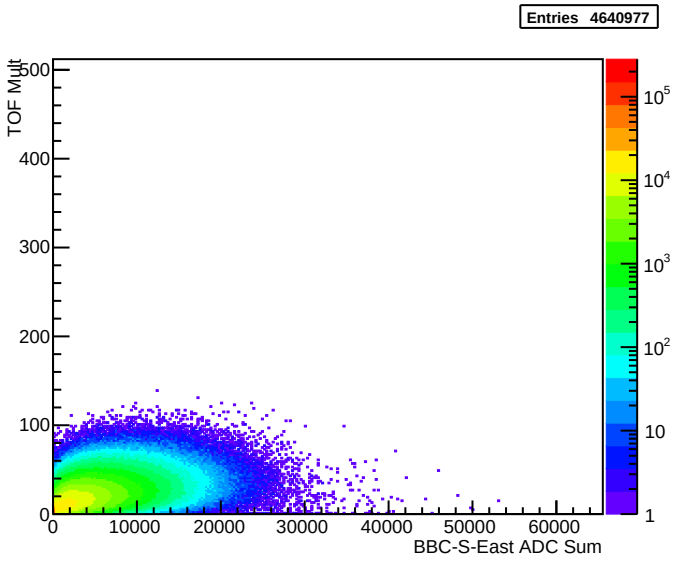


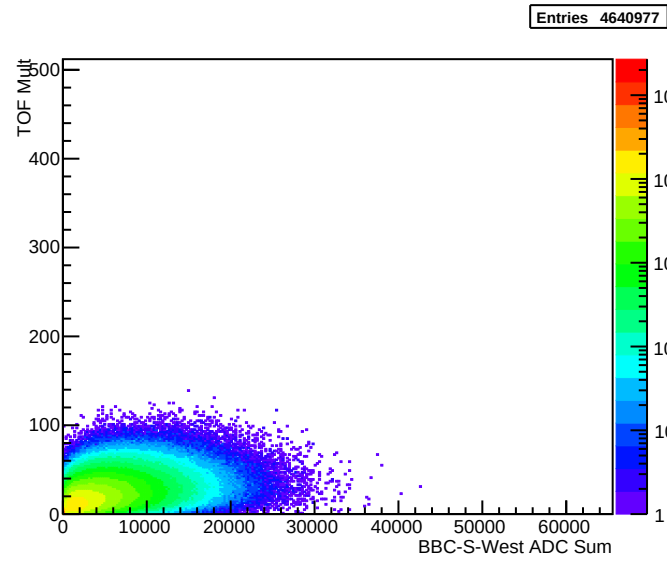
VT201 Input Ch4: VPD Adc Sum Th

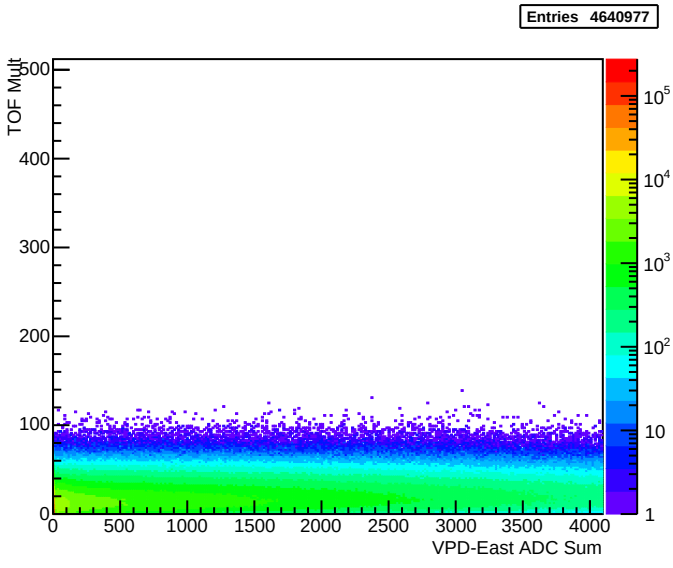


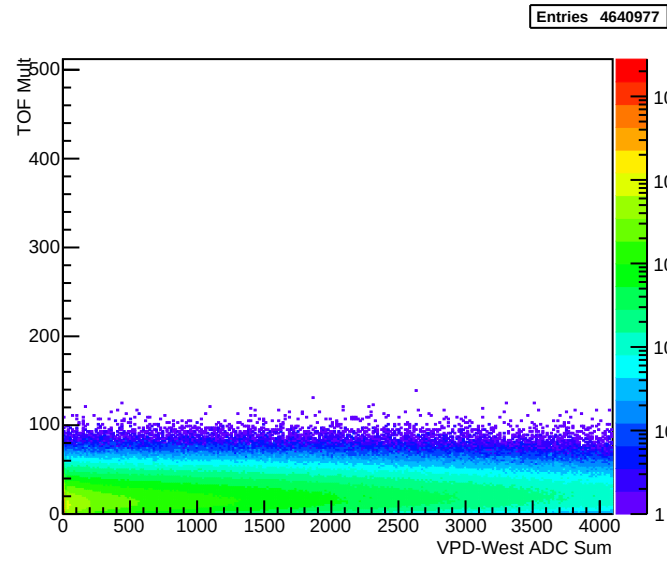
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

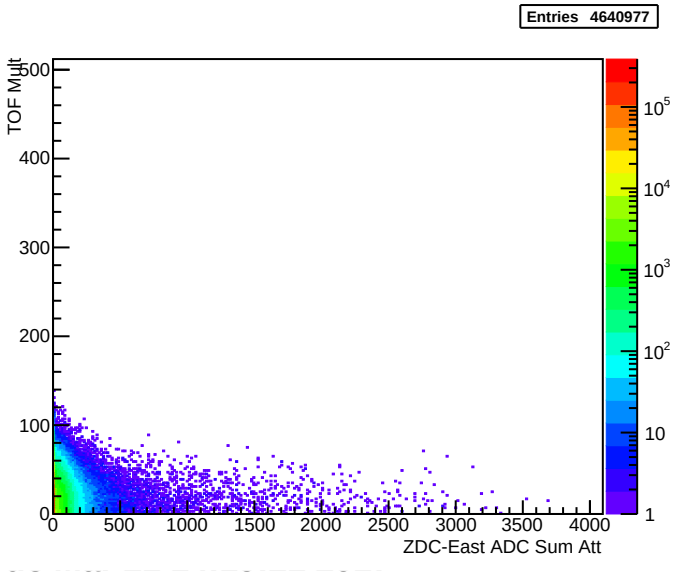


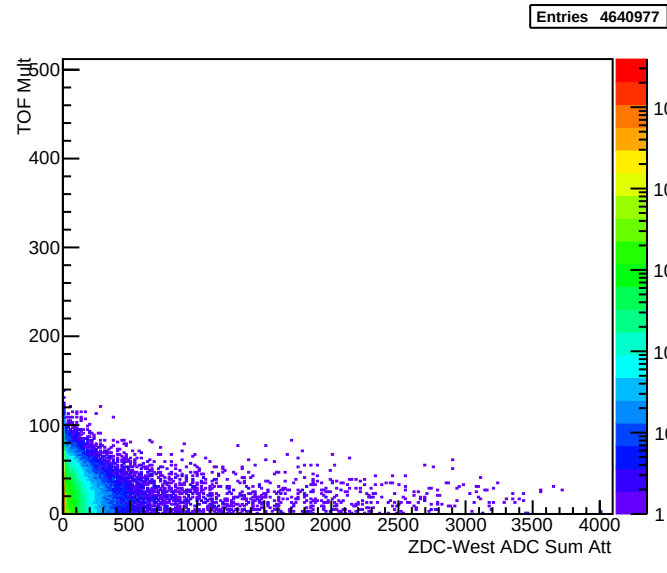

Entries 4640977
TOF Mult
BBC-S-East ADC Sum

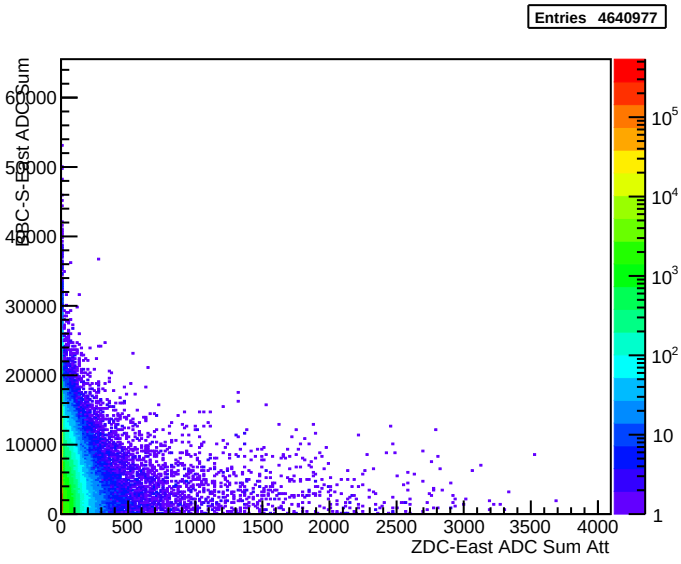

Entries 4640977
TOF Mult
BBC-S-West ADC Sum

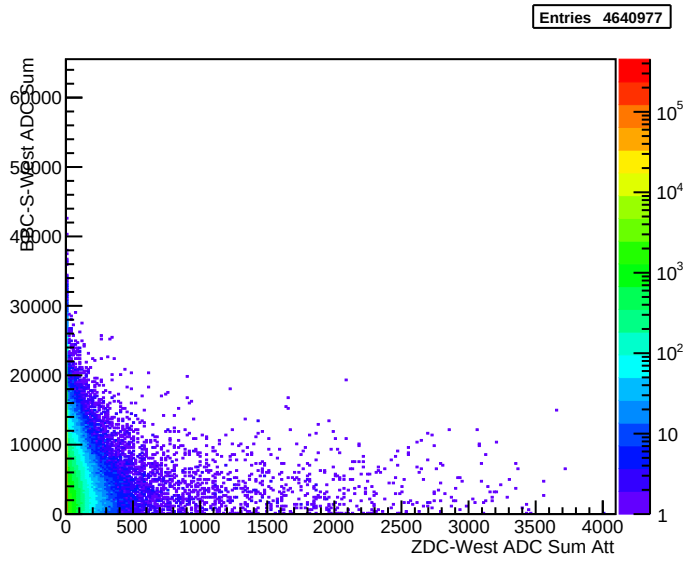

Entries 4640977
TOF Mult
VPD-East ADC Sum

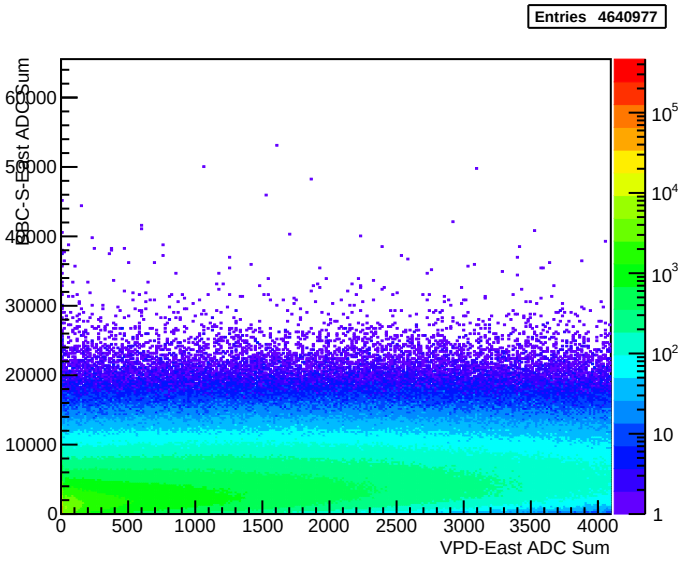

Entries 4640977
TOF Mult
VPD-West ADC Sum

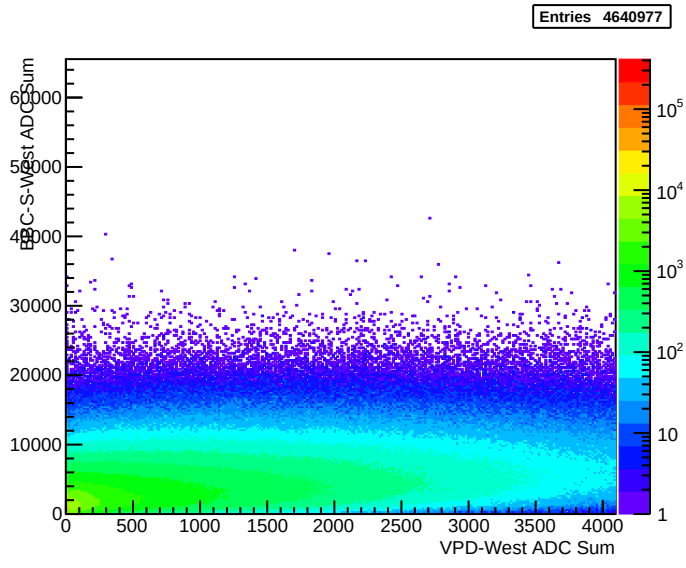

Entries 4640977
TOF Mult
ZDC-East ADC Sum Att

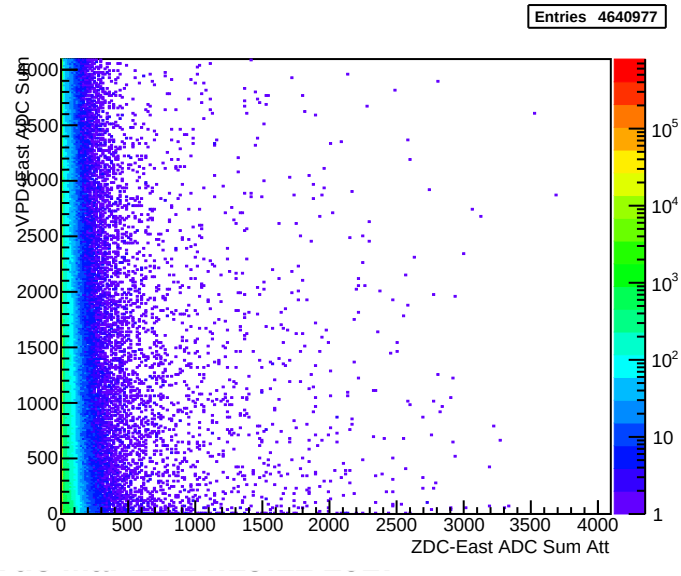

Entries 4640977
TOF Mult
ZDC-West ADC Sum Att

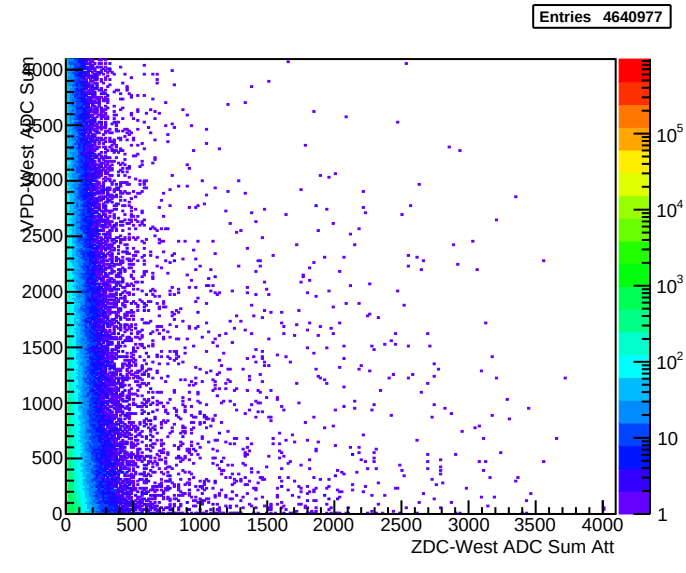

Entries 4640977
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

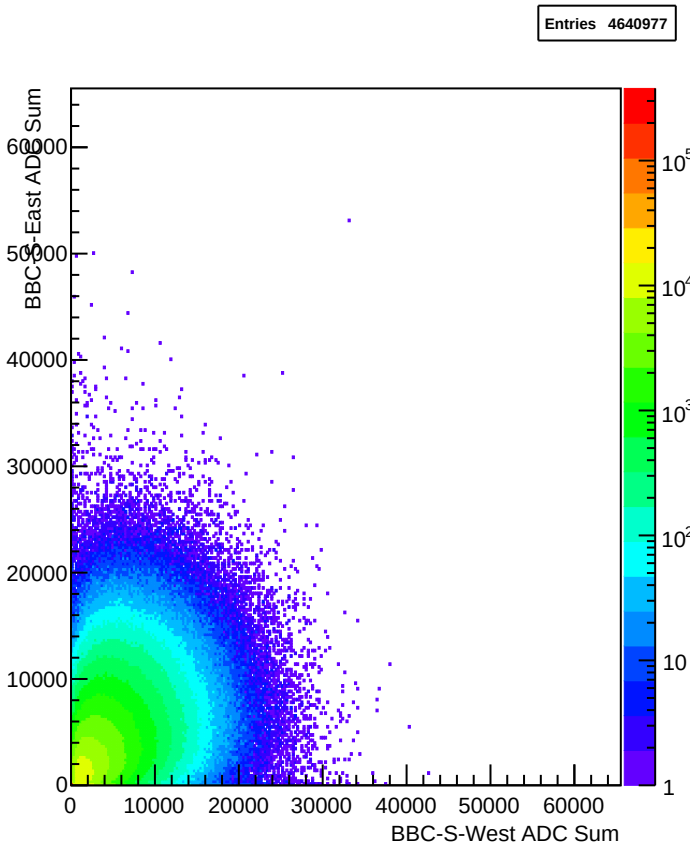

Entries 4640977
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

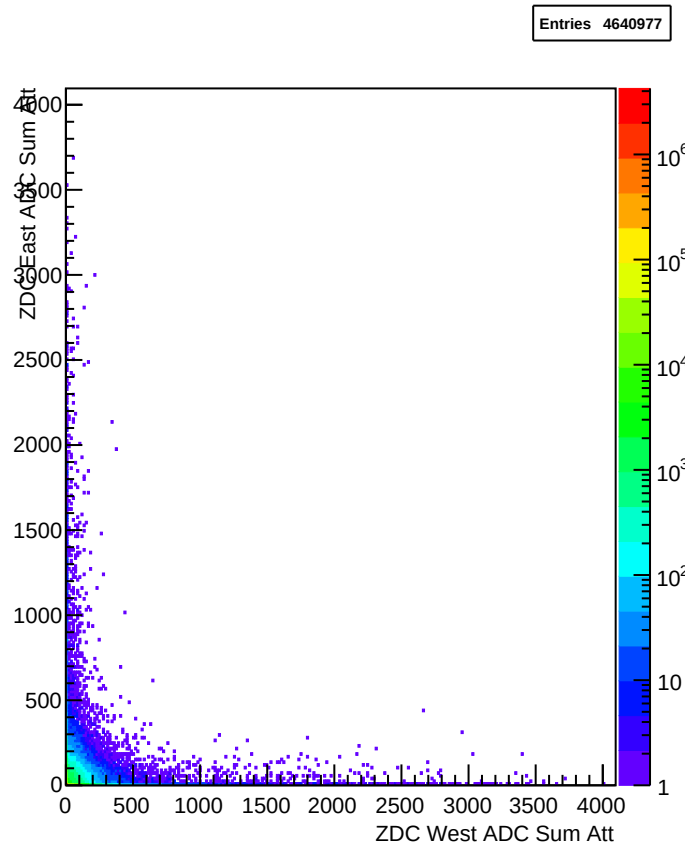

Entries 4640977
BBC-S-East ADC Sum
VPD-East ADC Sum

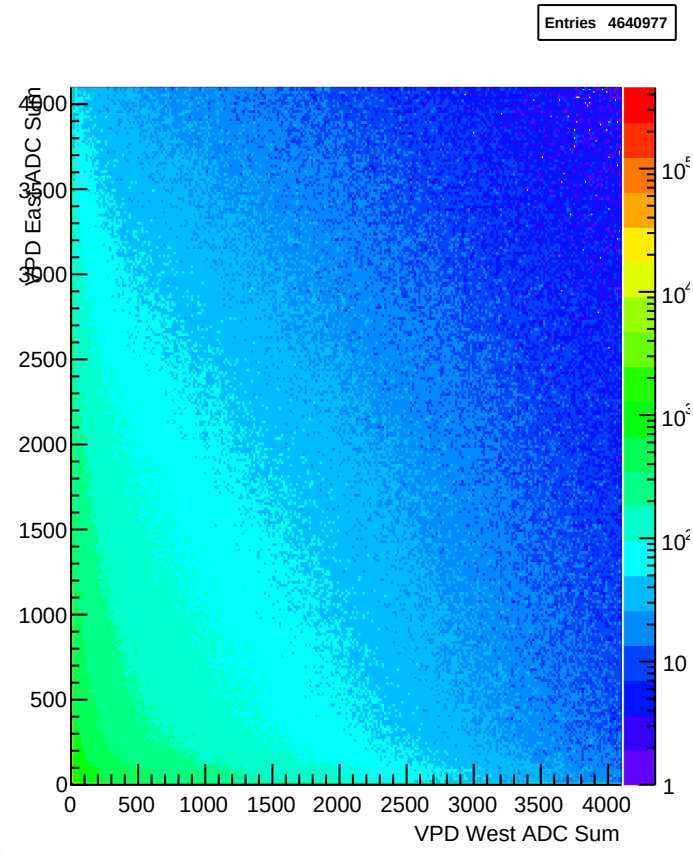

Entries 4640977
BBC-S-West ADC Sum
VPD-West ADC Sum

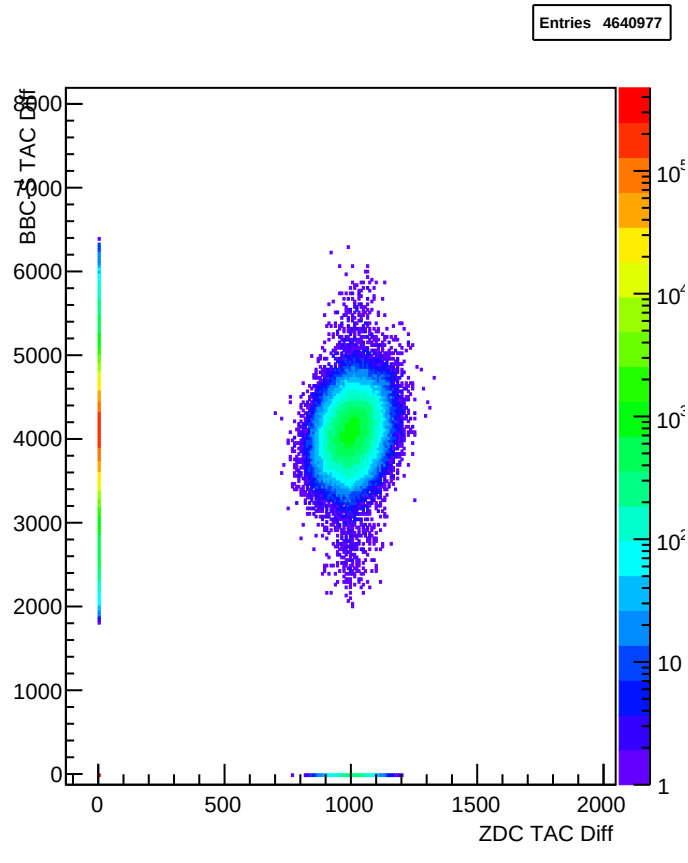

Entries 4640977
VPD-East ADC Sum
ZDC-East ADC Sum Att

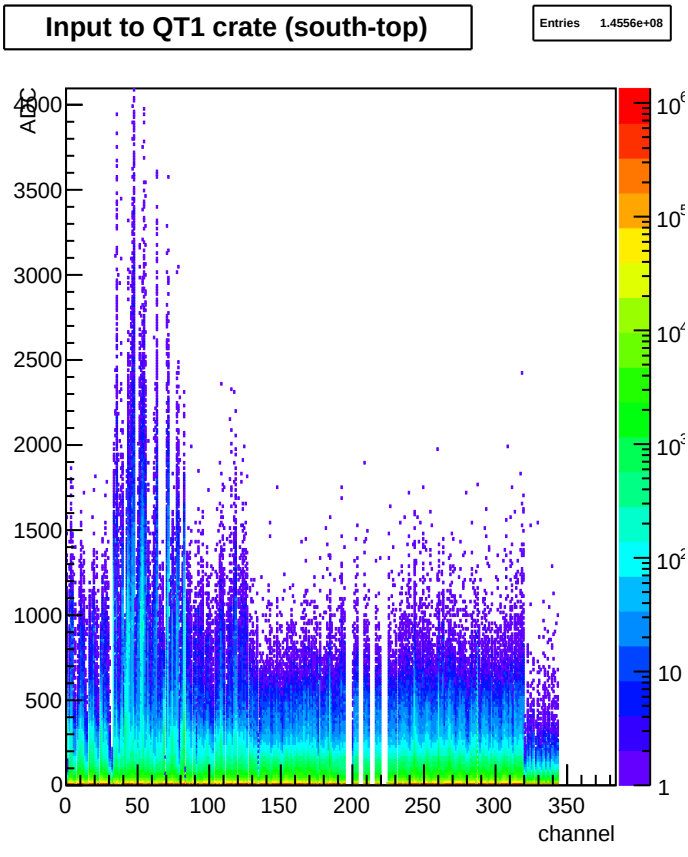

Entries 4640977
VPD-West ADC Sum
ZDC-West ADC Sum Att

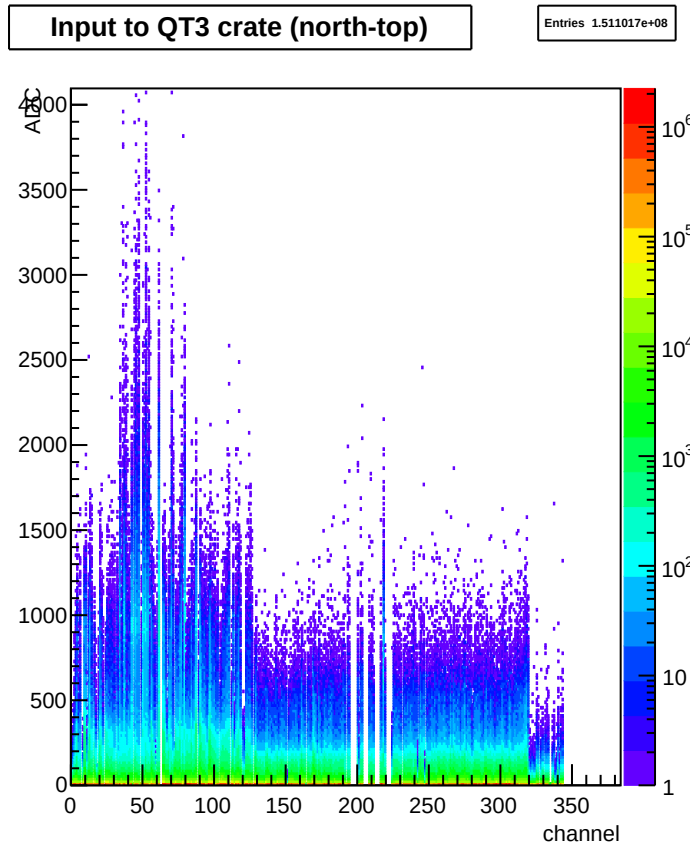

Entries 4640977
BBC-S-East ADC Sum
BBC-S-West ADC Sum

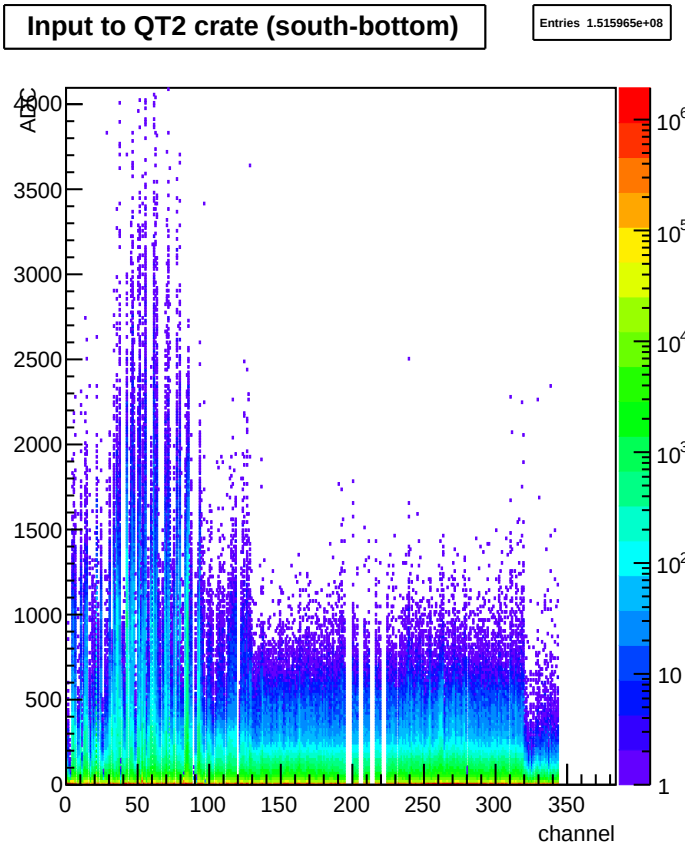

Entries 4640977
ZDC East ADC Sum Att
ZDC West ADC Sum Att

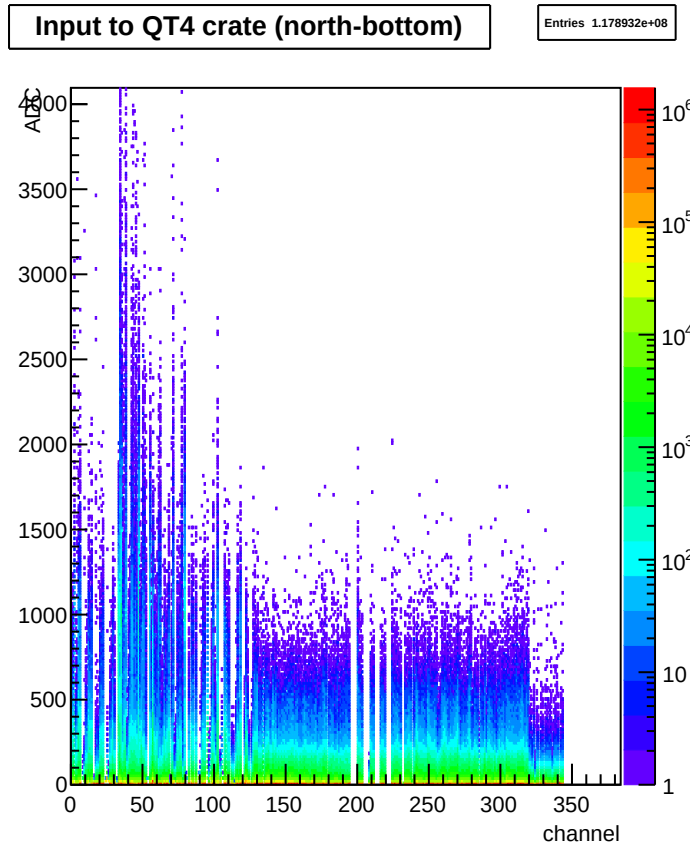

Entries 4640977
VPD East ADC Sum
VPD West ADC Sum

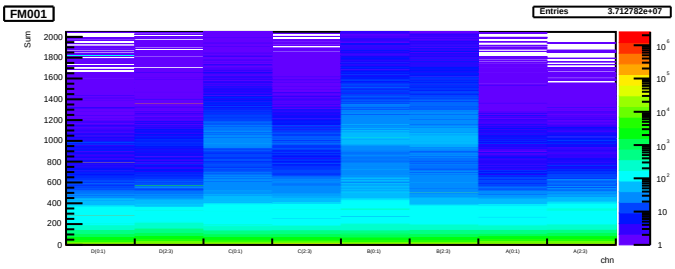

Entries 4640977
BBC-S TAC Diff
ZDC TAC Diff

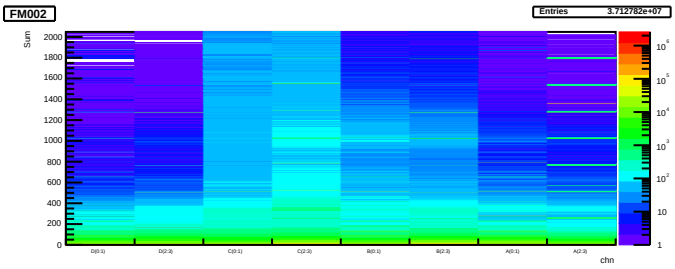

Input to QT1 crate (south-top)
Entries 1.4556e+08
ADC
channel

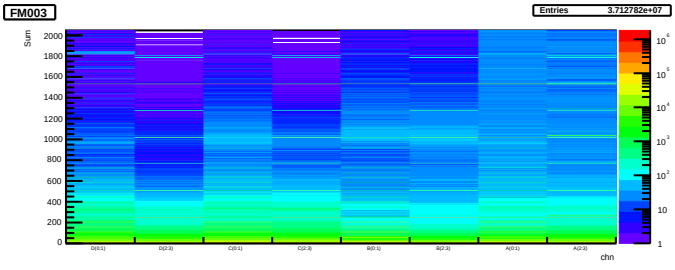

Input to QT3 crate (north-top)
Entries 1.511017e+08
ADC
channel

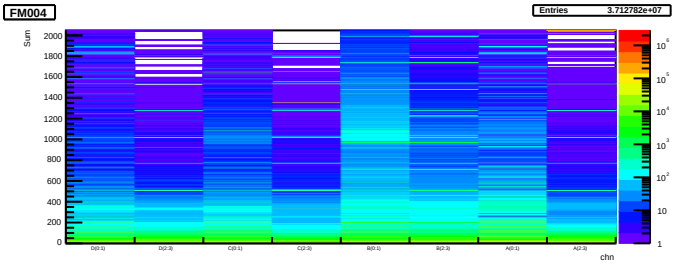

Input to QT2 crate (south-bottom)
Entries 1.515965e+08
ADC
channel

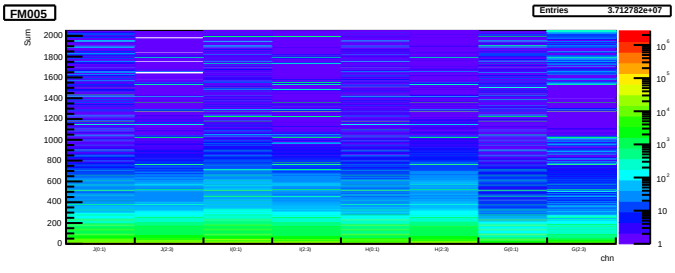

Input to QT4 crate (north-bottom)
Entries 1.178932e+08
ADC
channel

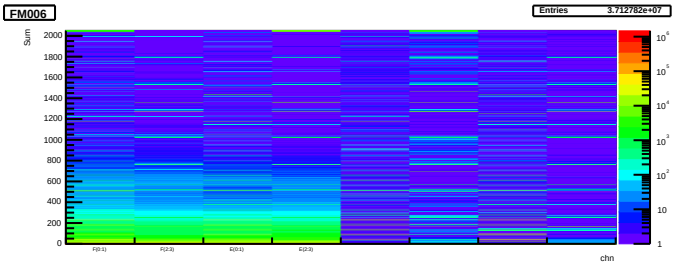

FM001
Entries 3.712782e+07
Sum
chn

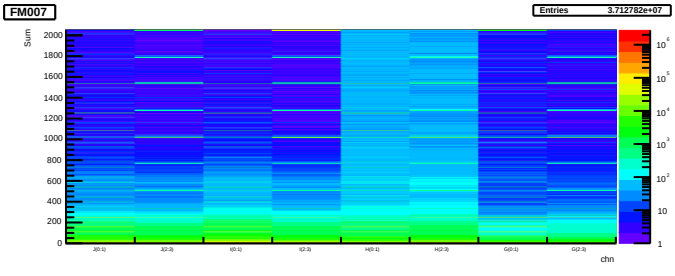

FM002
Entries 3.712782e+07
Sum
chn


FM003
Entries 3.712782e+07
Sum
chn


FM004
Entries 3.712782e+07
Sum
chn


FM005
Entries 3.712782e+07
Sum
chn


FM006
Entries 3.712782e+07
Sum
chn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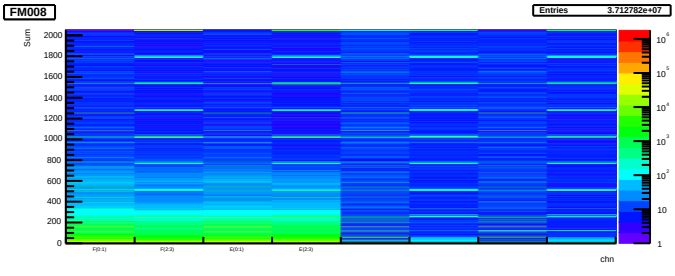
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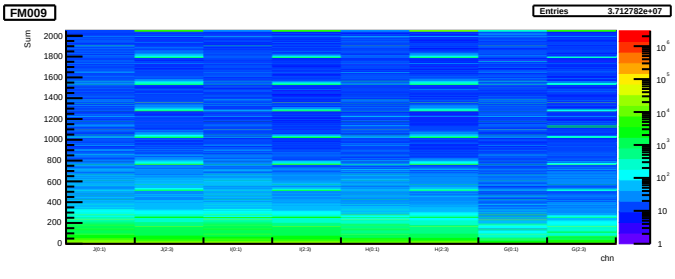
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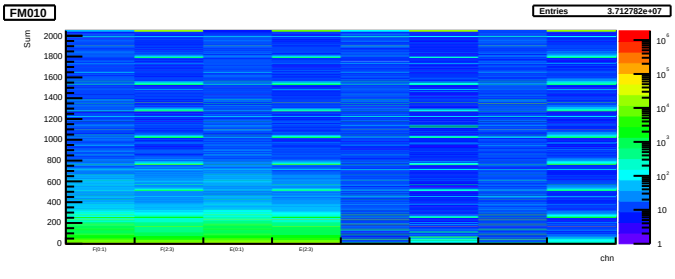
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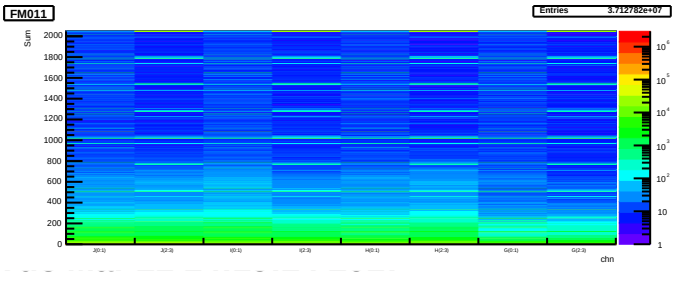
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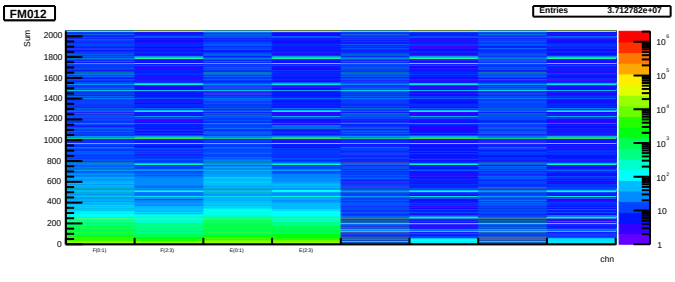
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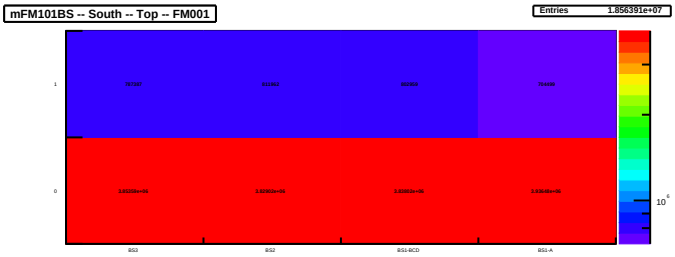
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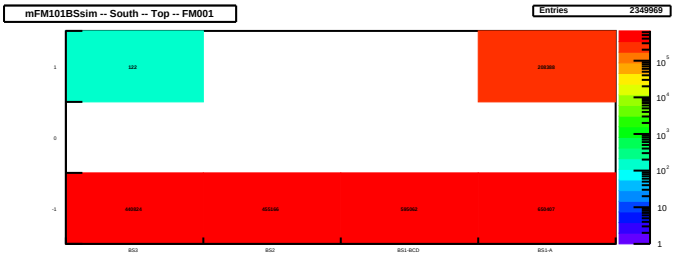
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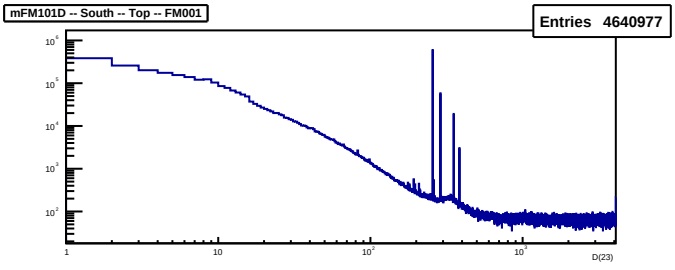
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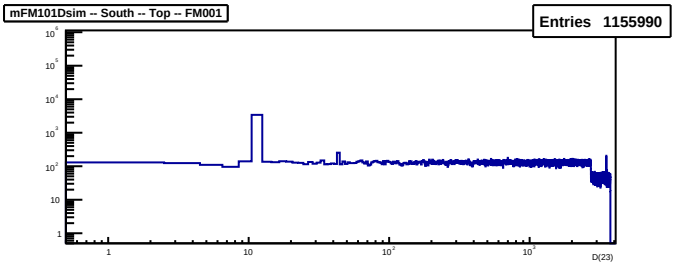
D(23)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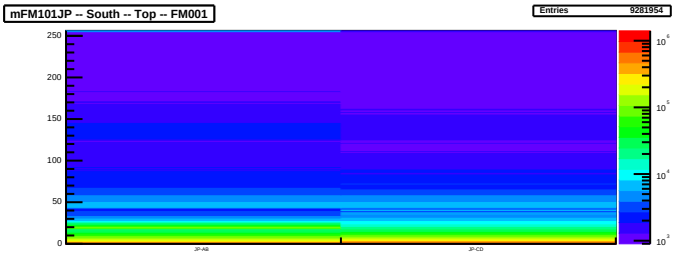
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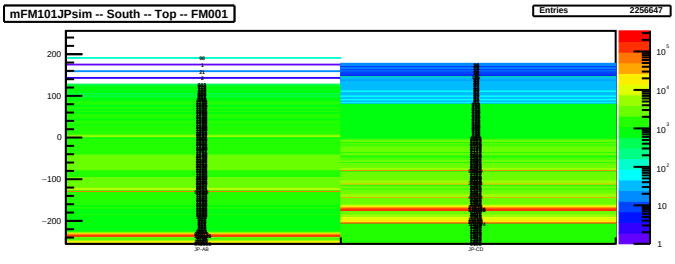
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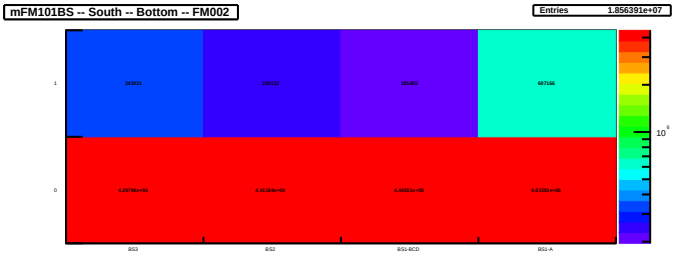
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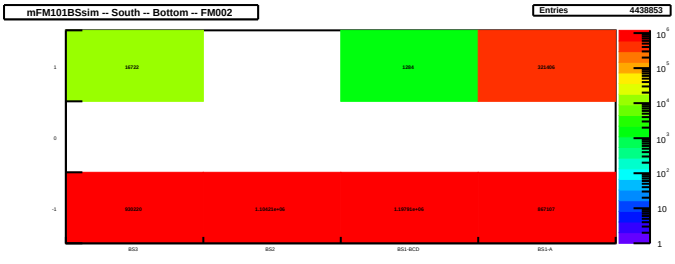
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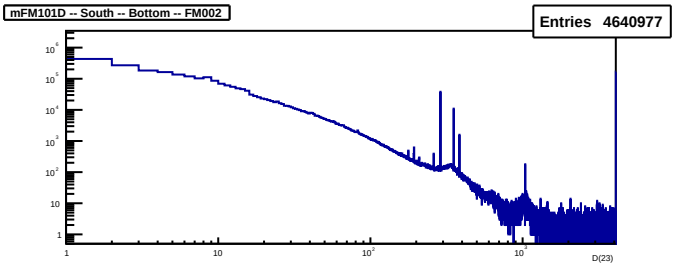
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Entries 4640977
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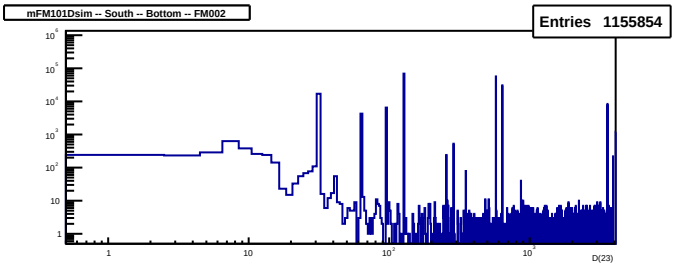
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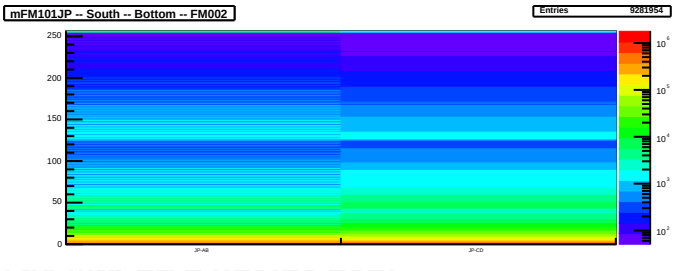
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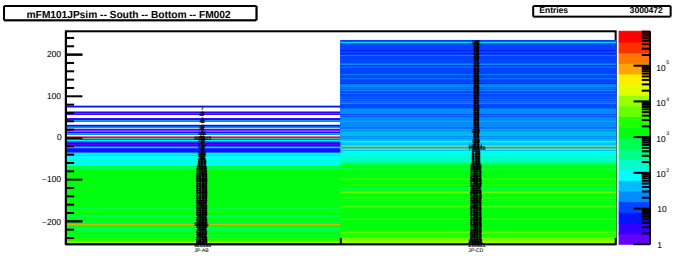
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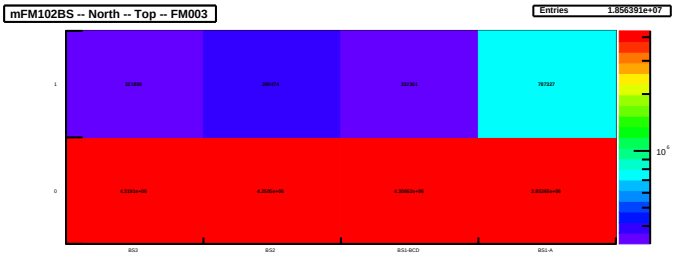
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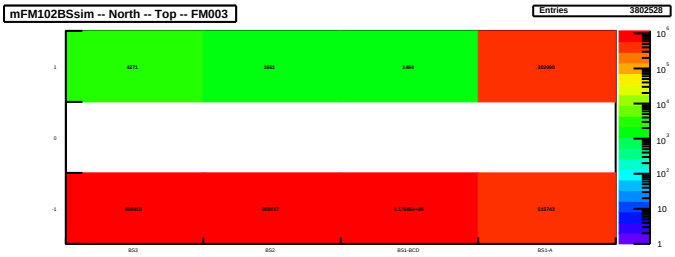
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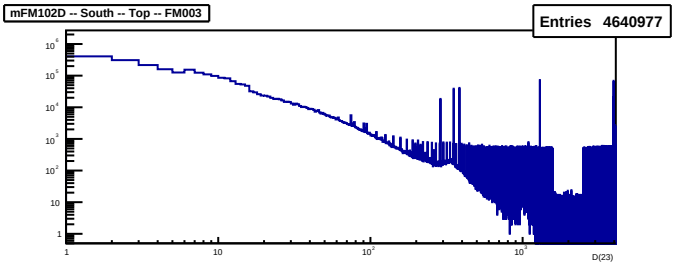
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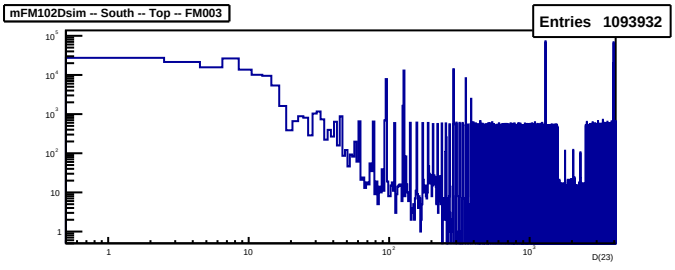
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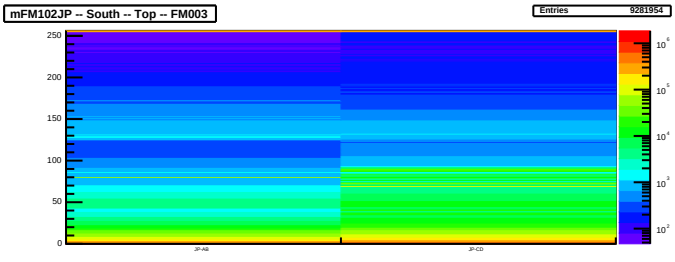
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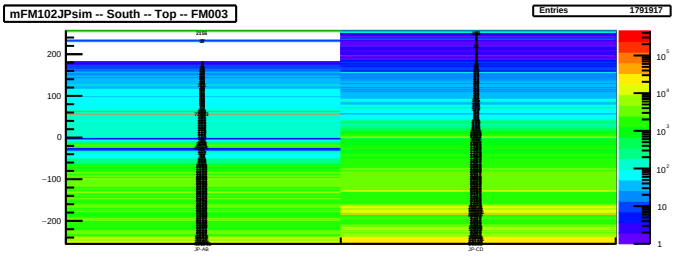
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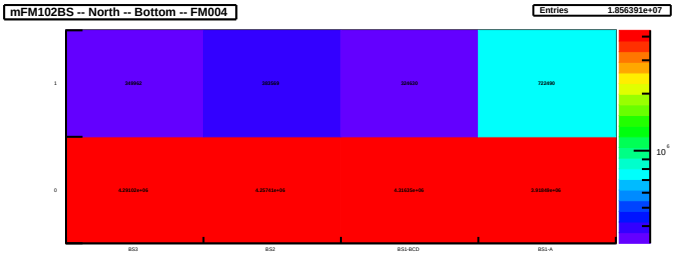
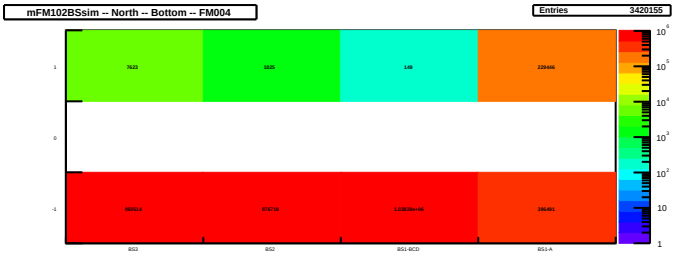

mFM102BS -- North -- Bottom -- FM004
Entries 1.856391e+07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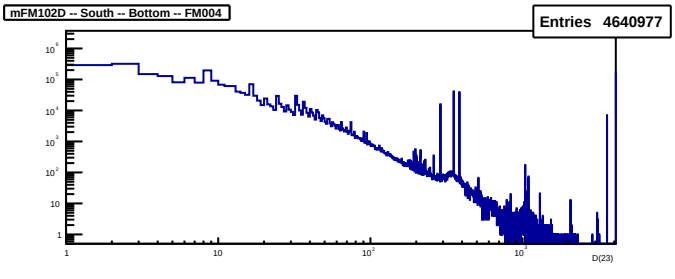
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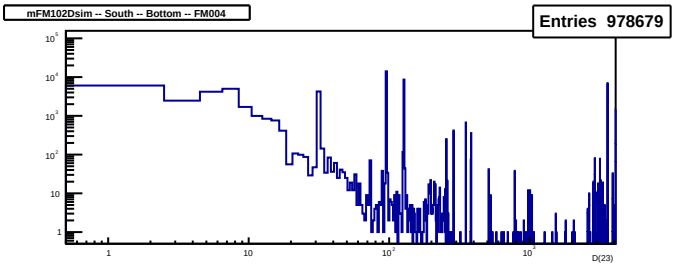
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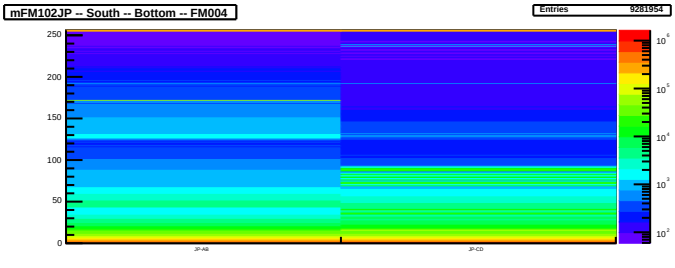
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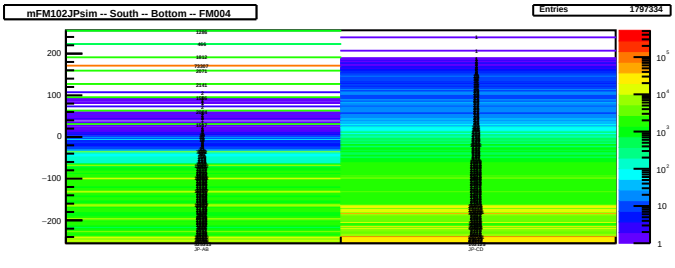
Entries 9281954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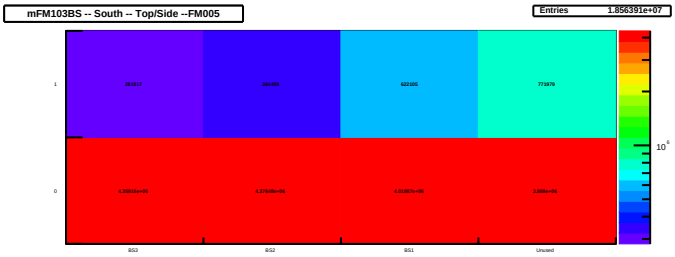
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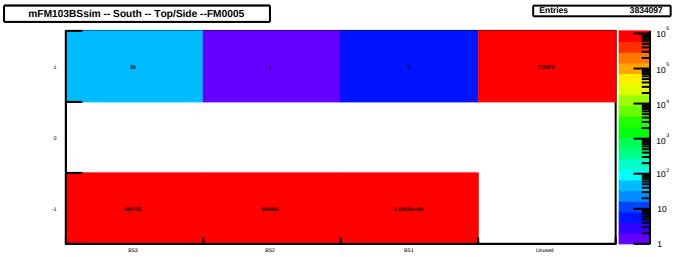
Entries 1.856391e+07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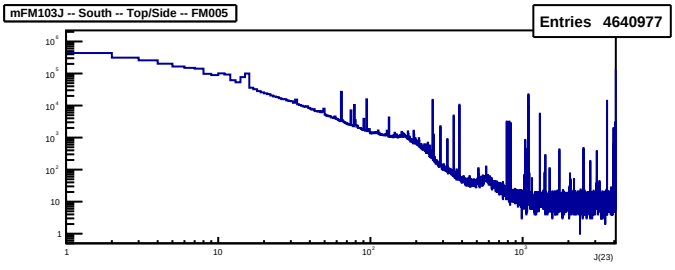
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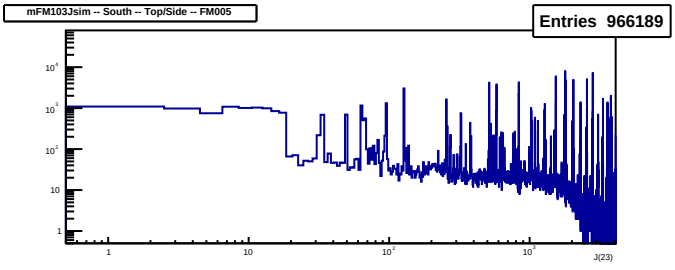
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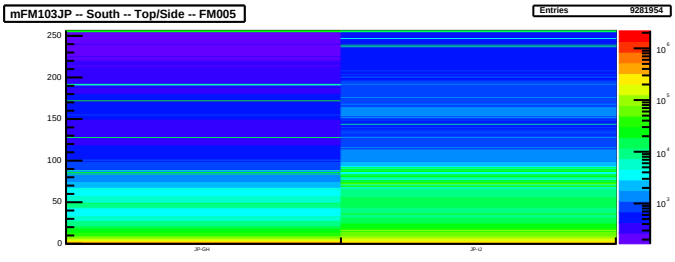
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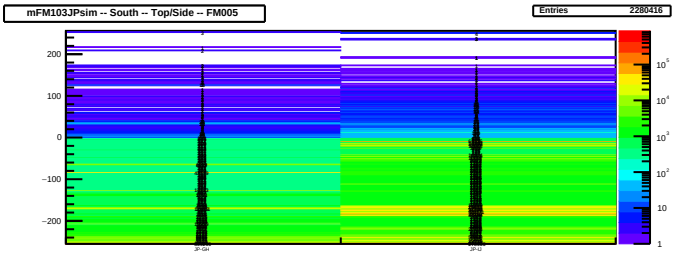
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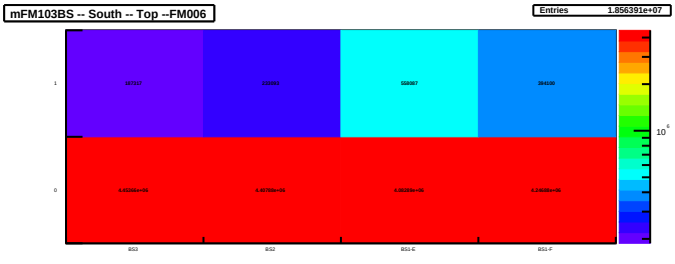
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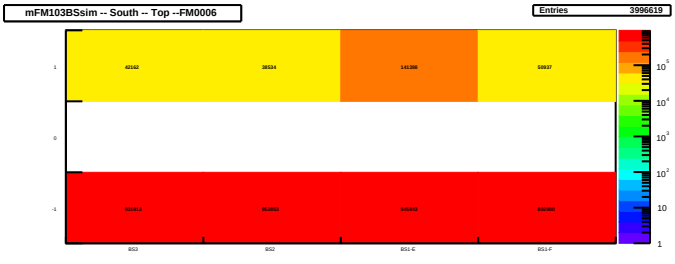
Entries 1.856391e+07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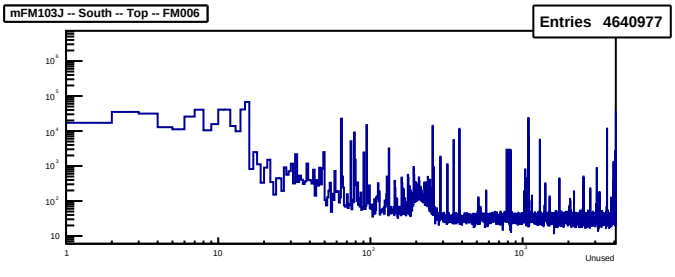
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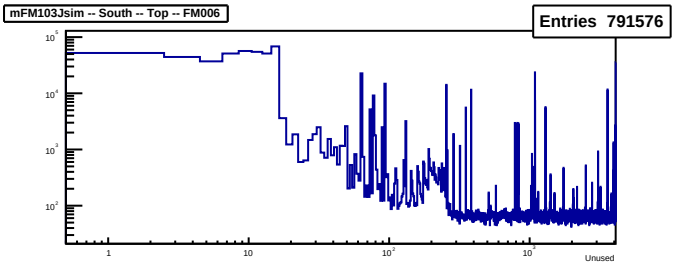
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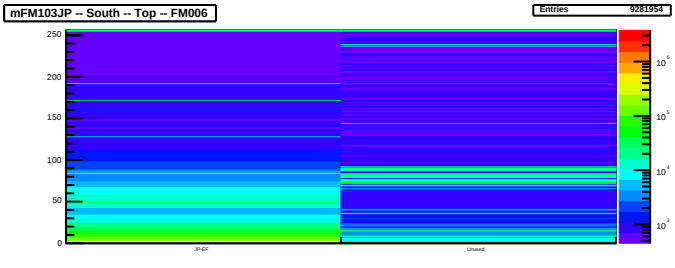
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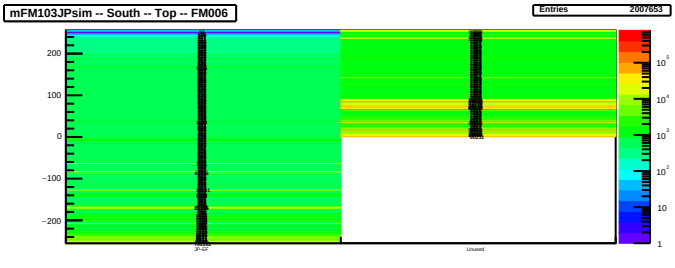
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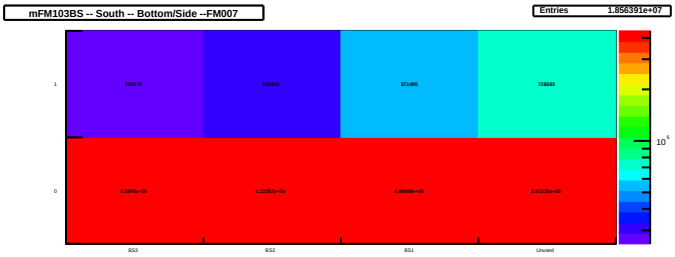
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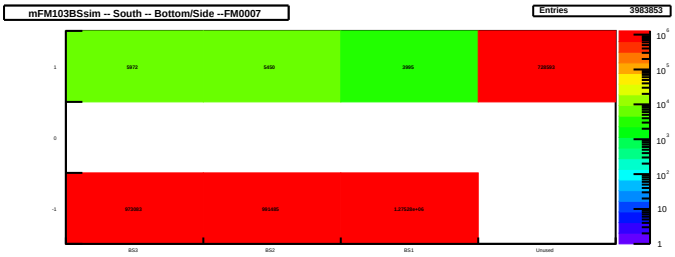
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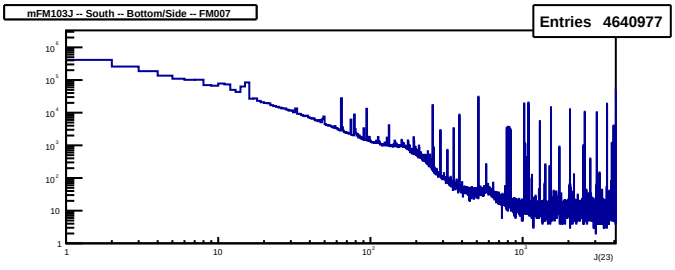
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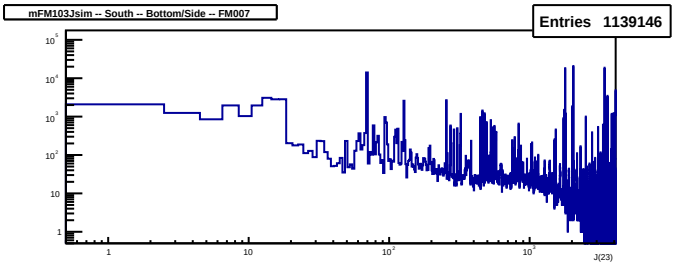
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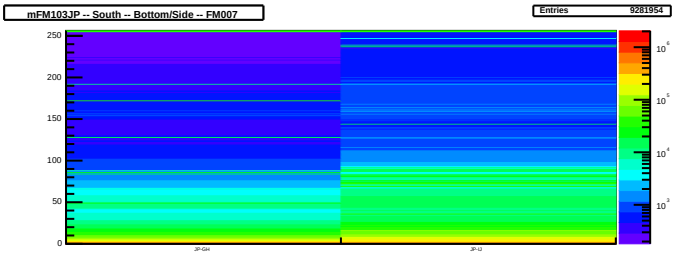
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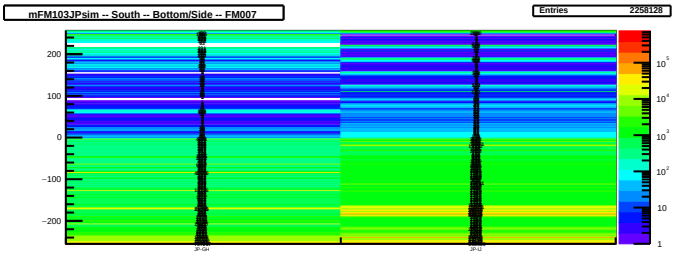
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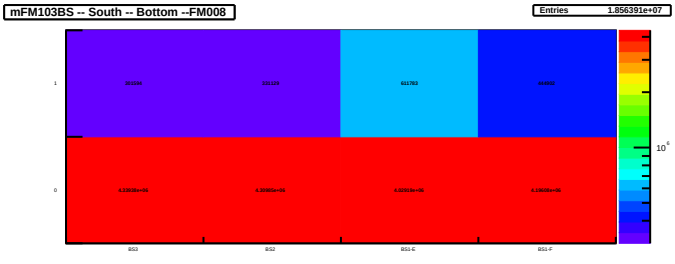
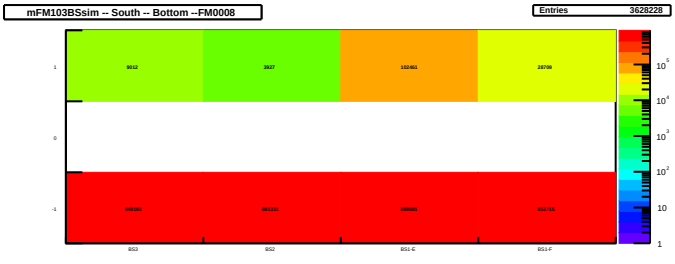

mFM103BS -- South -- Bottom --FM008
Entries 1.856391e+07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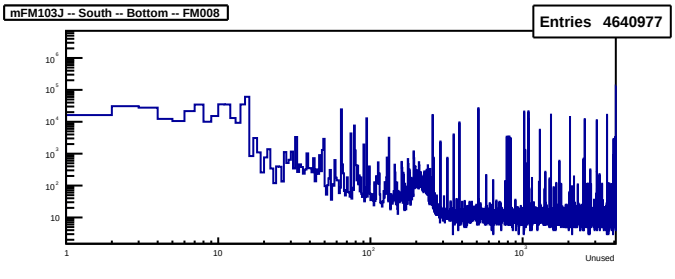
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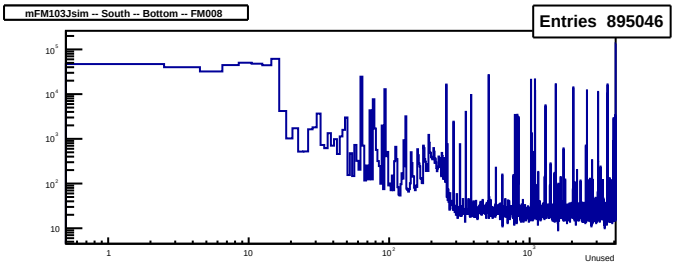
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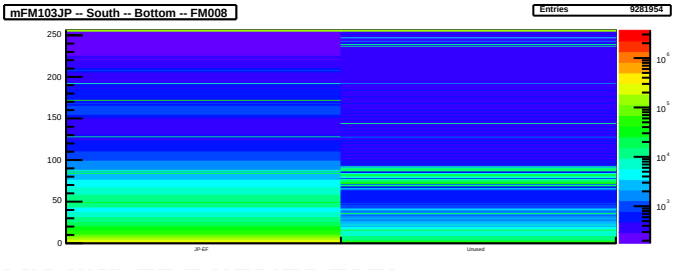
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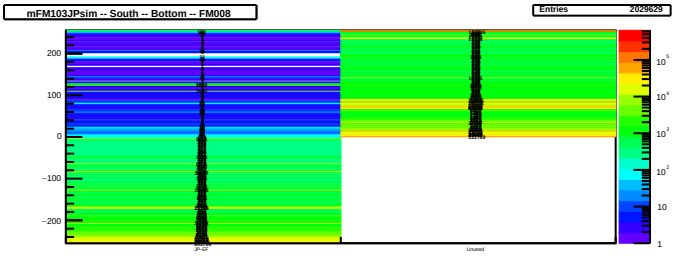
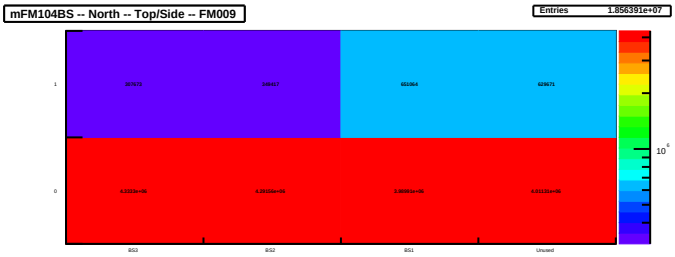
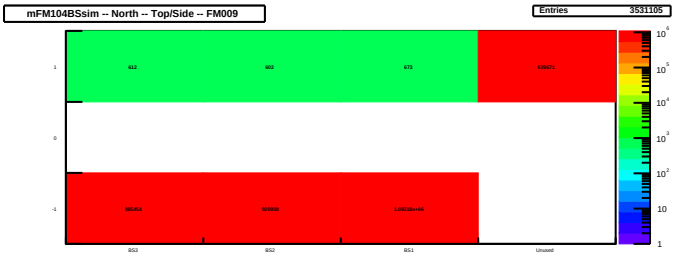
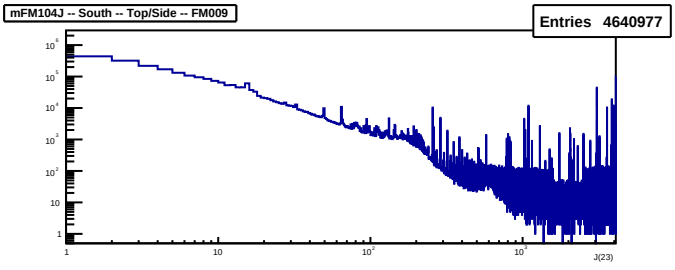
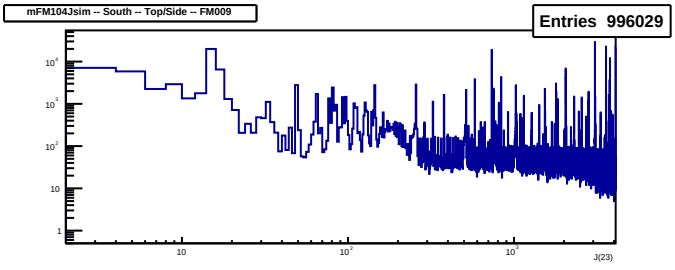
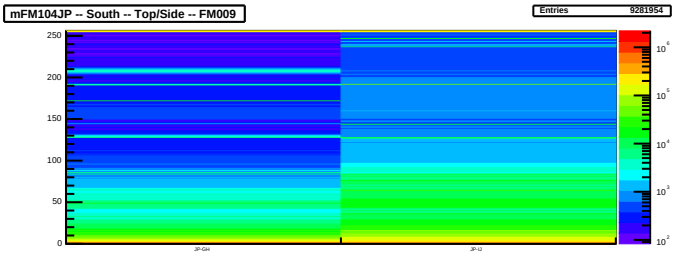

mFM103JPsim -- South -- Bottom -- FM008
Entries 2029629

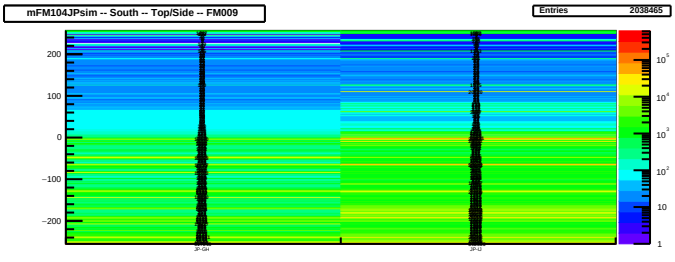

mFM104BS -- North -- Top/Side -- FM009
Entries 1.856391e+07
BS3
BS2
BS1
Unused

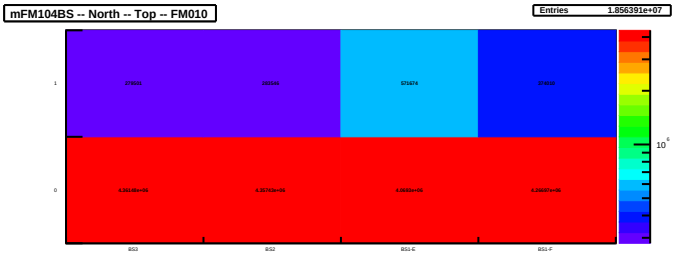

mFM104BSsim -- North -- Top/Side -- FM009
Entries 3531105
BS3
BS2
BS1
Unused

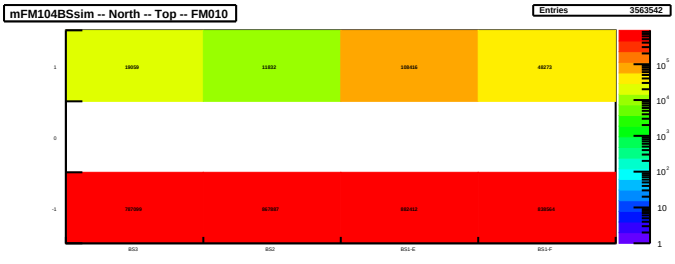

mFM104J -- South -- Top/Side -- FM009
Entries 4640977
J(23)

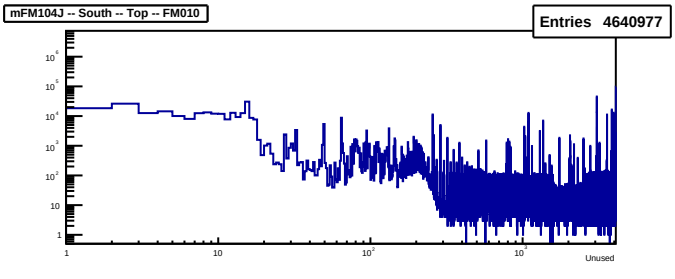

mFM104Jsim -- South -- Top/Side -- FM009
Entries 996029
J(23)

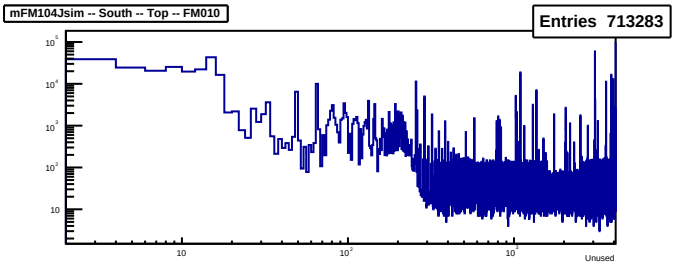

mFM104JP -- South -- Top/Side -- FM009
Entries 9281954
JP-GH
JP-IJ

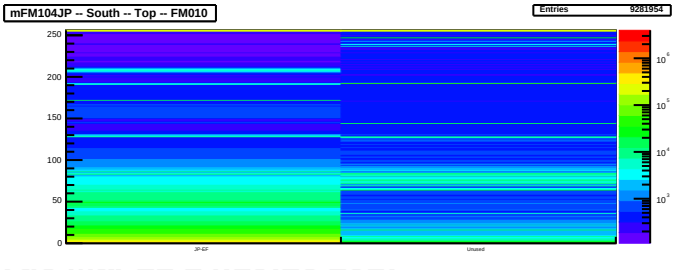

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2038465
JP-GH
JP-IJ

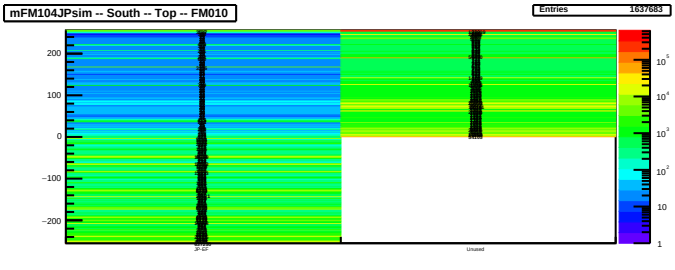

mFM104BS -- North -- Top -- FM010
Entries 1.856391e+07
BS3
BS2
BS1-E
BS1-F

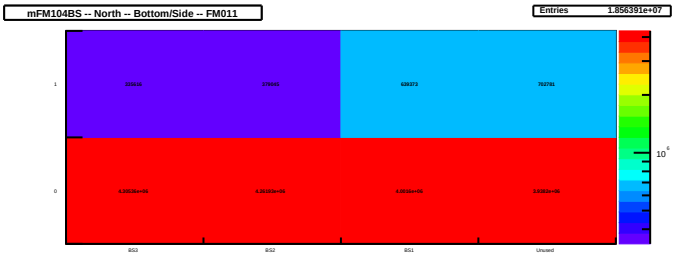

mFM104BSsim -- North -- Top -- FM010
Entries 3563542
BS3
BS2
BS1-E
BS1-F

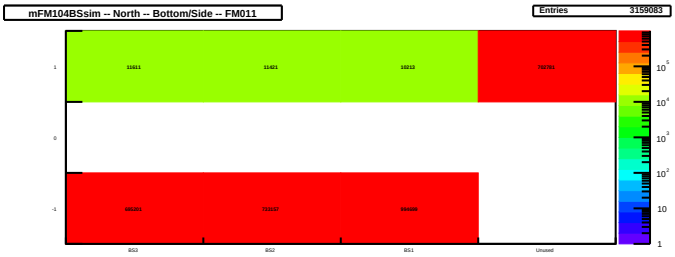

mFM104J -- South -- Top -- FM010
Entries 4640977
Unused

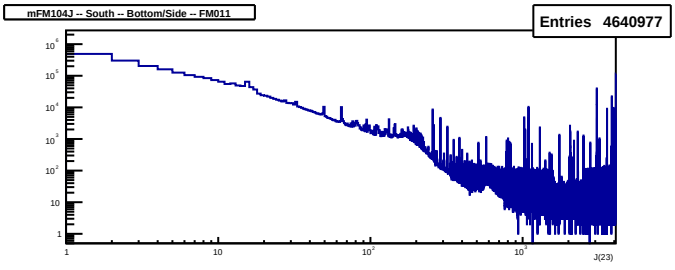

mFM104Jsim -- South -- Top -- FM010
Entries 713283
Unused

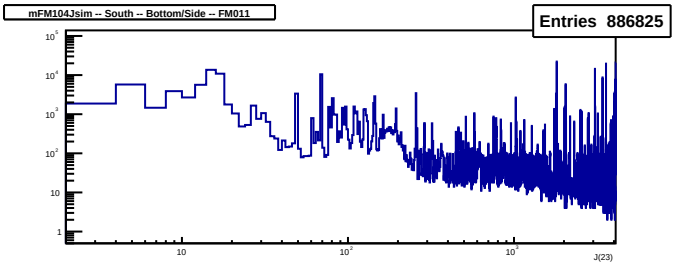

mFM104JP -- South -- Top -- FM010
Entries 9281954
JP-EF
Unused

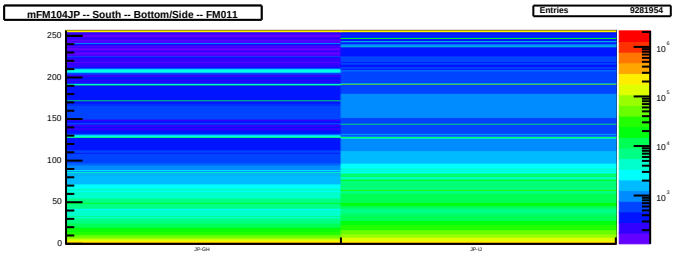

mFM104JPsim -- South -- Top -- FM010
Entries 1637683
JP-EF
Unused

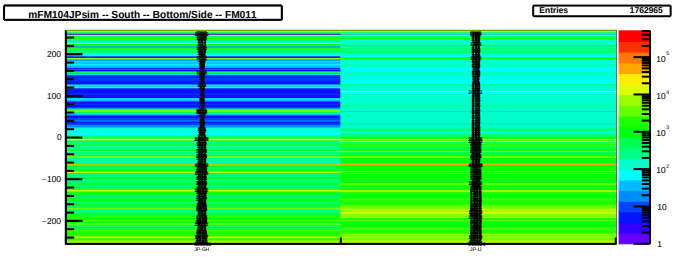

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.856391e+07

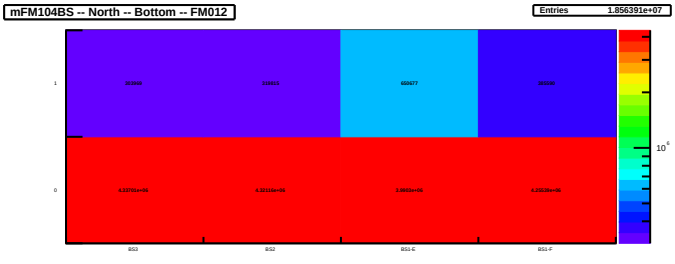

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3159083

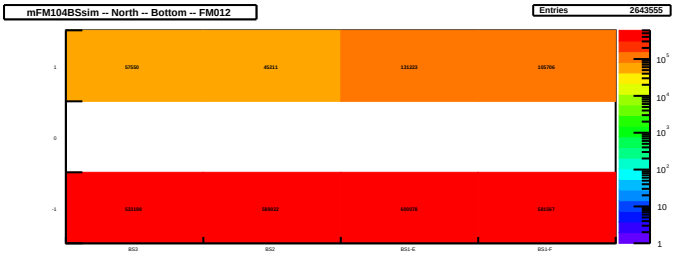

mFM104J -- South -- Bottom/Side -- FM011
Entries 4640977
J(23)

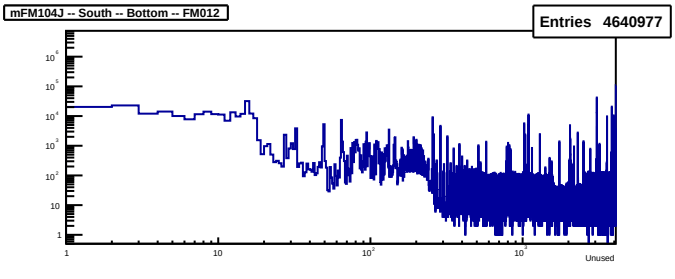

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 886825
J(23)

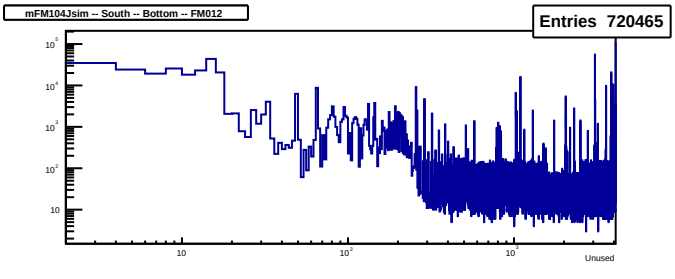

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9281954

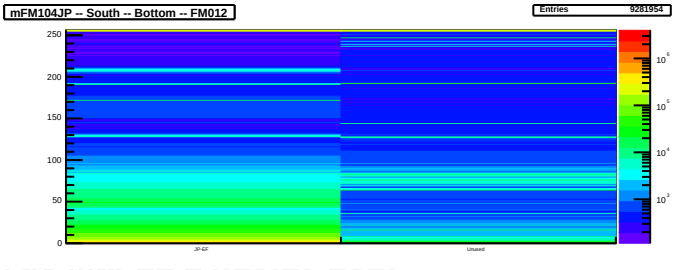

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1762965

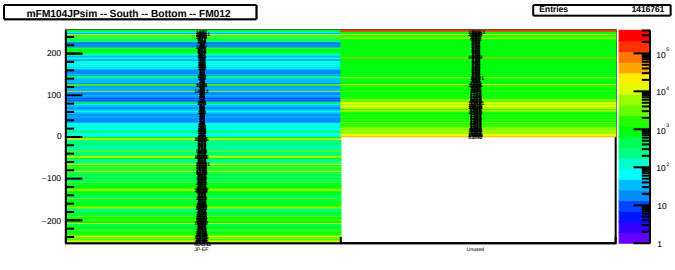

mFM104BS -- North -- Bottom -- FM012
Entries 1.856391e+07

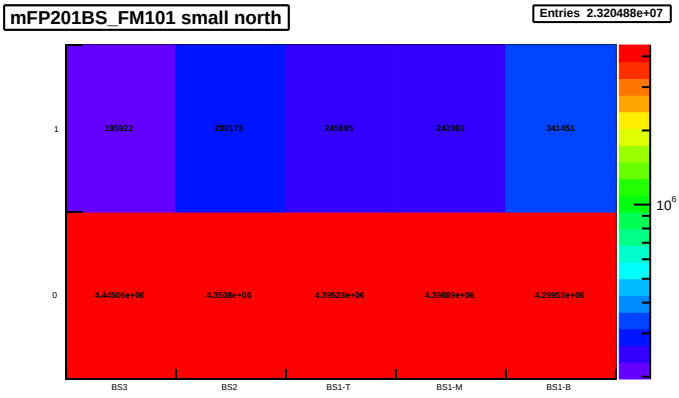

mFM104BSsim -- North -- Bottom -- FM012
Entries 2643555

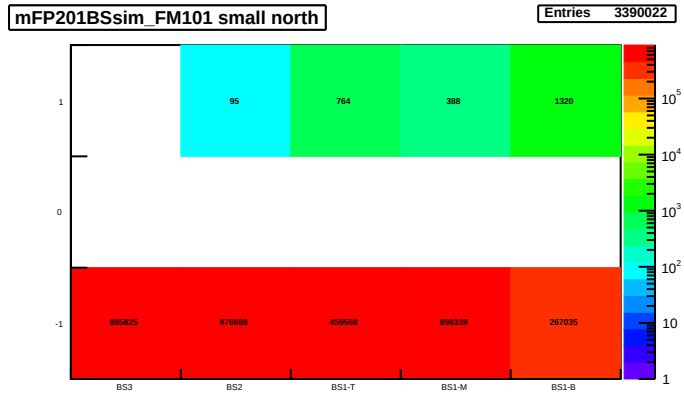

mFM104J -- South -- Bottom -- FM012
Entries 4640977
Unused

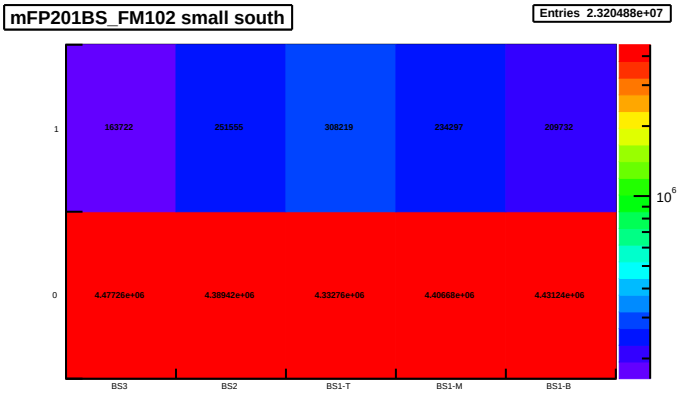

mFM104Jsim -- South -- Bottom -- FM012
Entries 720465
Unused

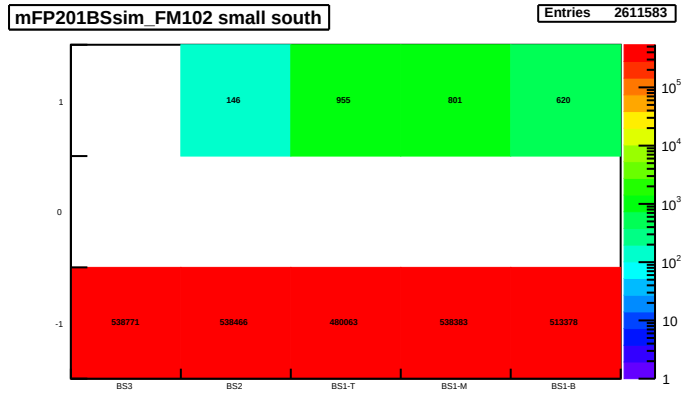

mFM104JP -- South -- Bottom -- FM012
Entries 9281954

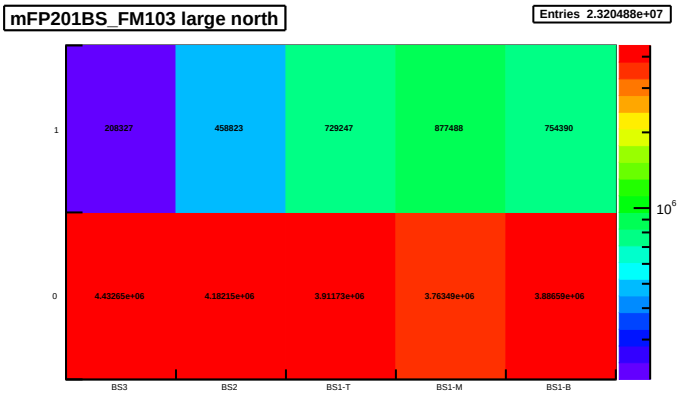

mFM104JPsim -- South -- Bottom -- FM012
Entries 1416761

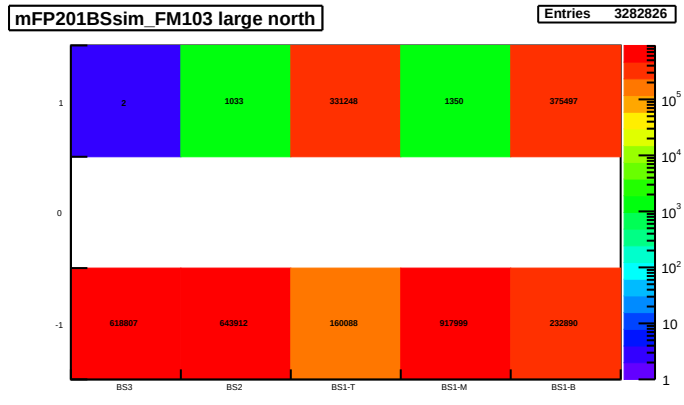

mFP201BS_FM101 small north
Entries 2.320488e+07
195922
290173
245695
242091
341451
4.44506e+06
4.3508e+06
4.39528e+06
4.39889e+06
4.29953e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

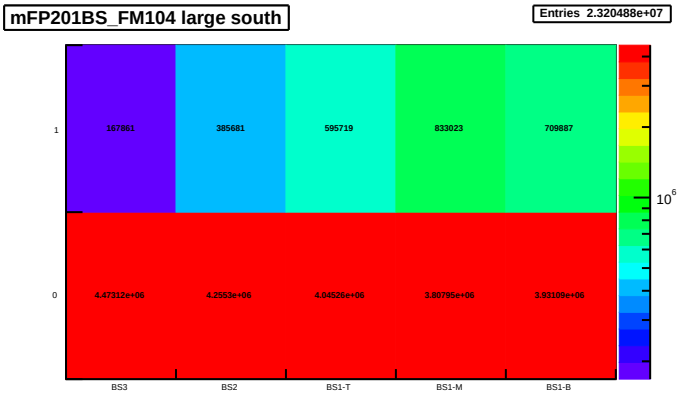

mFP201BSsim_FM101 small north
Entries 3390022
95
764
388
1320
885825
876688
459568
898339
267035
BS3
BS2
BS1-T
BS1-M
BS1-B

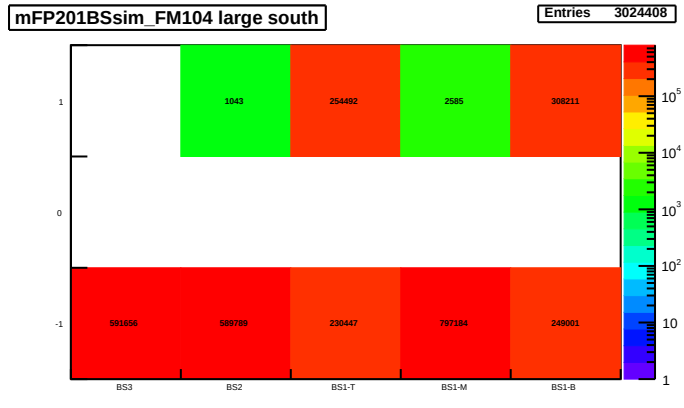

mFP201BS_FM102 small south
Entries 2.320488e+07
163722
251555
308219
234297
209732
4.47726e+06
4.38942e+06
4.33276e+06
4.40668e+06
4.43124e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

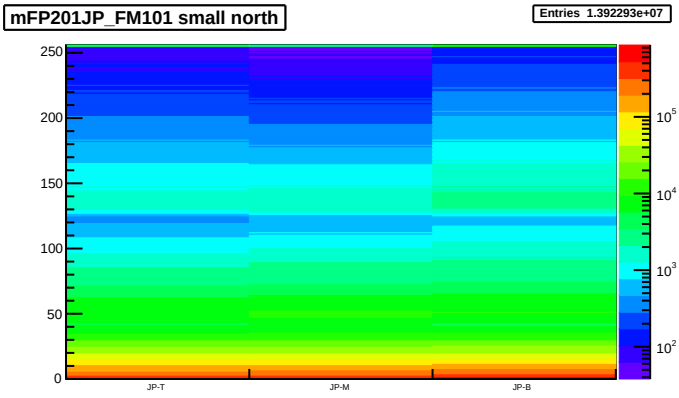

mFP201BSsim_FM102 small south
Entries 2611583
146
955
801
620
538771
538466
480063
538383
513378
BS3
BS2
BS1-T
BS1-M
BS1-B

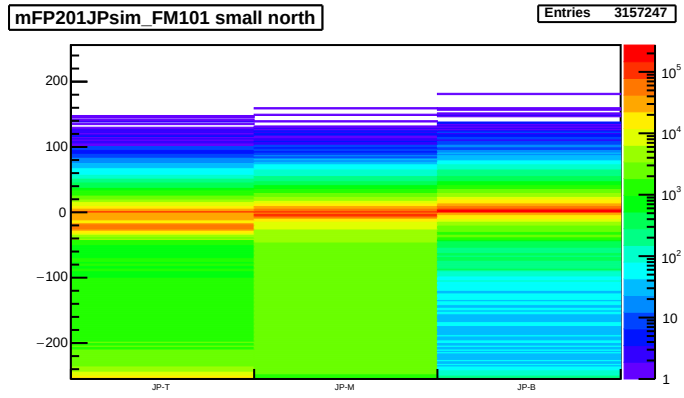

mFP201BS_FM103 large north
Entries 2.320488e+07
208327
458823
729247
877488
754390
4.43265e+06
4.18215e+06
3.91173e+06
3.76349e+06
3.88659e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

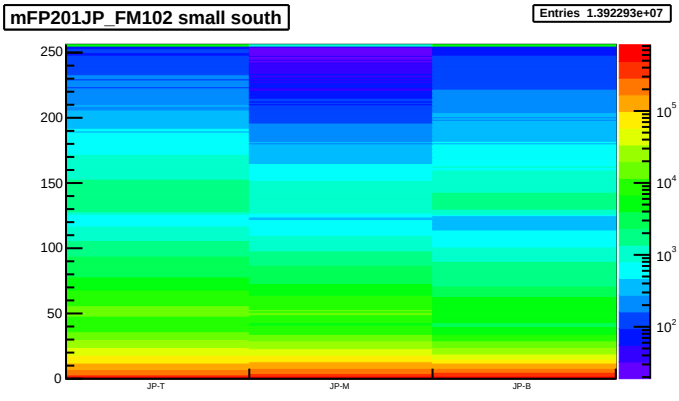

mFP201BSsim_FM103 large north
Entries 3282826
2
1033
331248
1350
375497
618807
643912
160088
917999
232890
BS3
BS2
BS1-T
BS1-M
BS1-B

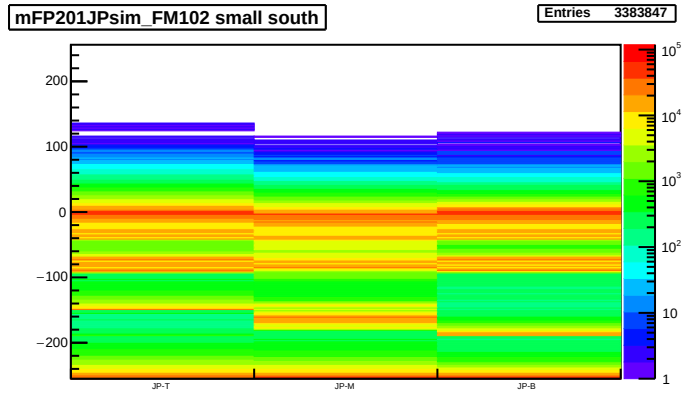

mFP201BS_FM104 large south
Entries 2.320488e+07
167061
385681
595719
833023
709887
4.47312e+06
4.2553e+06
4.04526e+06
3.80795e+06
3.93109e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

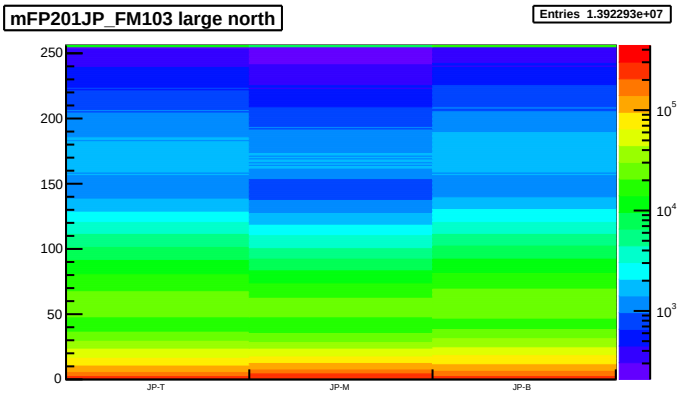

mFP201BSsim_FM104 large south
Entries 3024408
1043
254492
2585
308211
591656
589789
230447
797184
249001
BS3
BS2
BS1-T
BS1-M
BS1-B

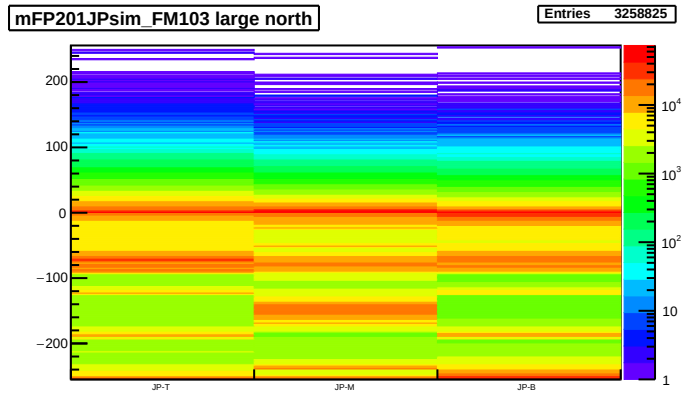

mFP201JP_FM101 small north
Entries 1.392293e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2

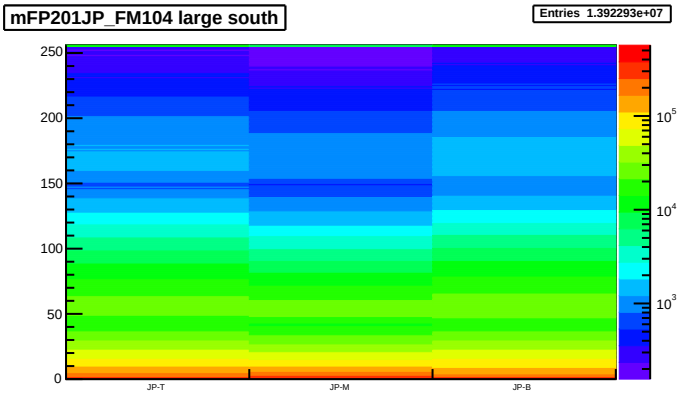

mFP201JPsim_FM101 small north
Entries 3157247
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

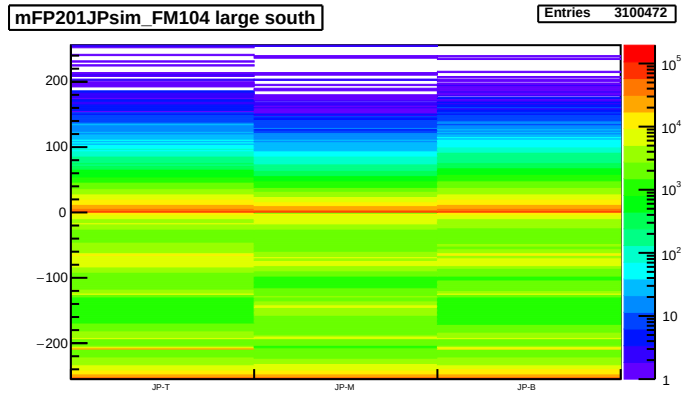

mFP201JP_FM102 small south
Entries 1.392293e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2

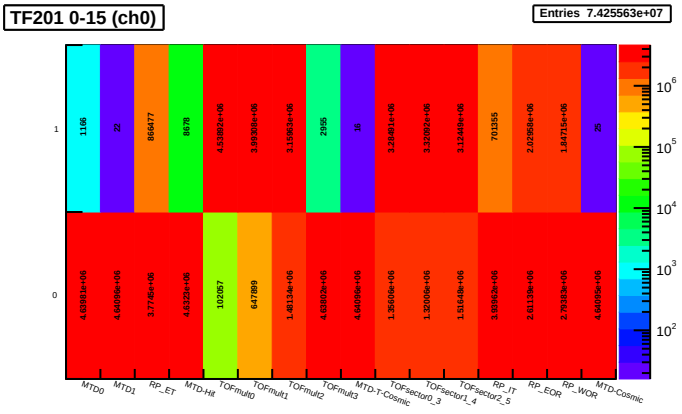

mFP201JPsim_FM102 small south
Entries 3383847
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

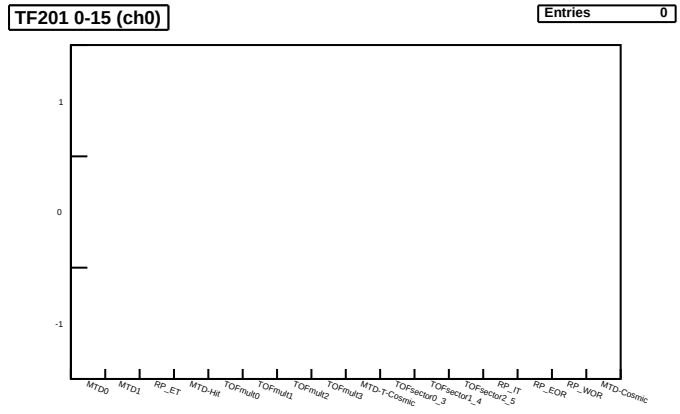

mFP201JP_FM103 large north
Entries 1.392293e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3

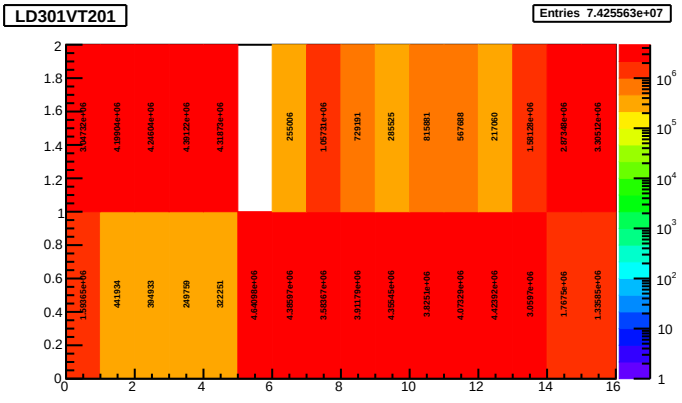

mFP201JPsim_FM103 large north
Entries 3258825
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

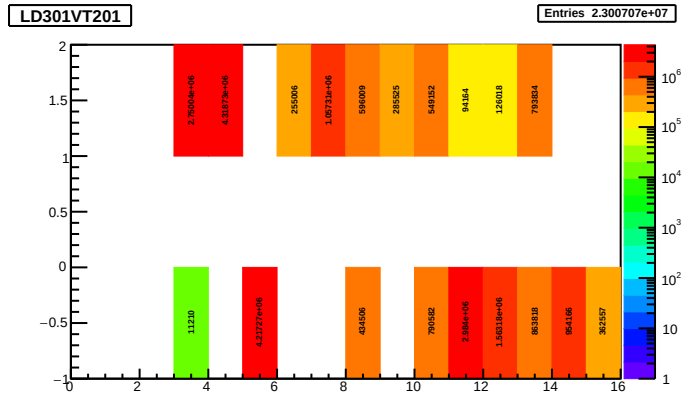

mFP201JP_FM104 large south
Entries 1.392293e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3

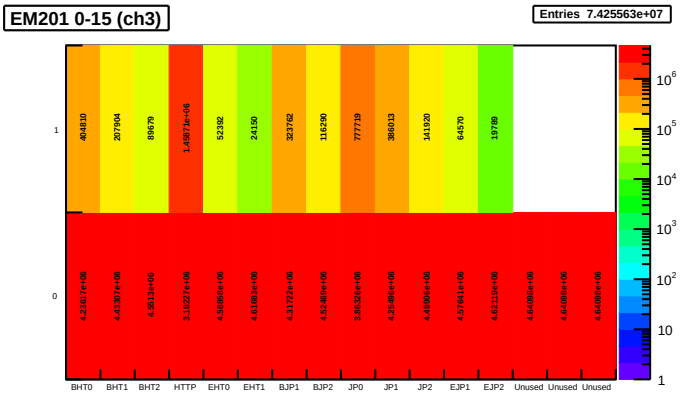

mFP201JPsim_FM104 large south
Entries 3100472
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 7.425563e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 7.425563e+07


LD301VT201
Entries 2.300707e+07


EM201 0-15 (ch3)
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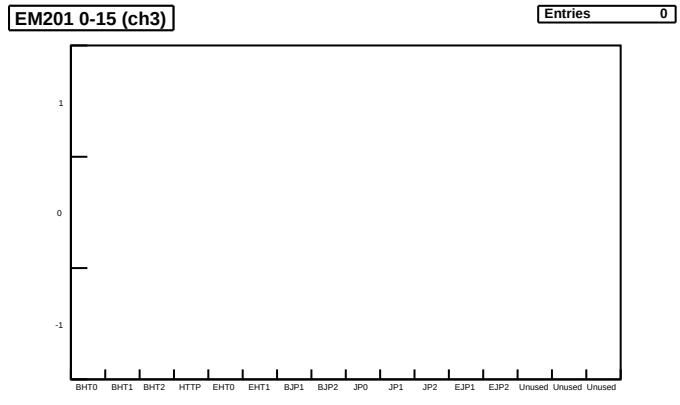
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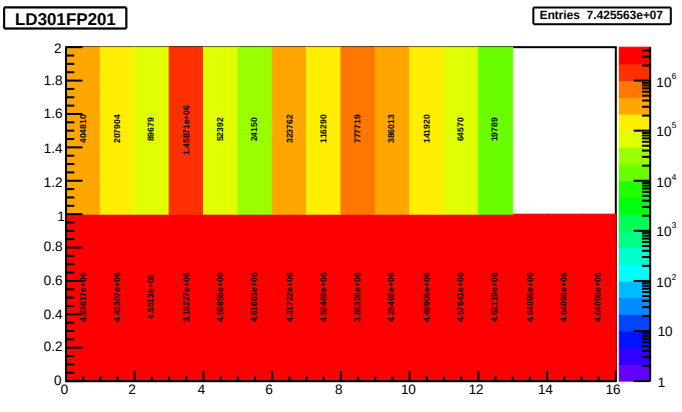
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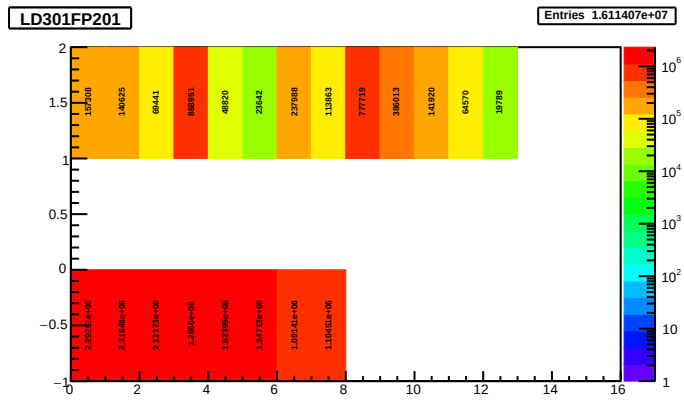
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