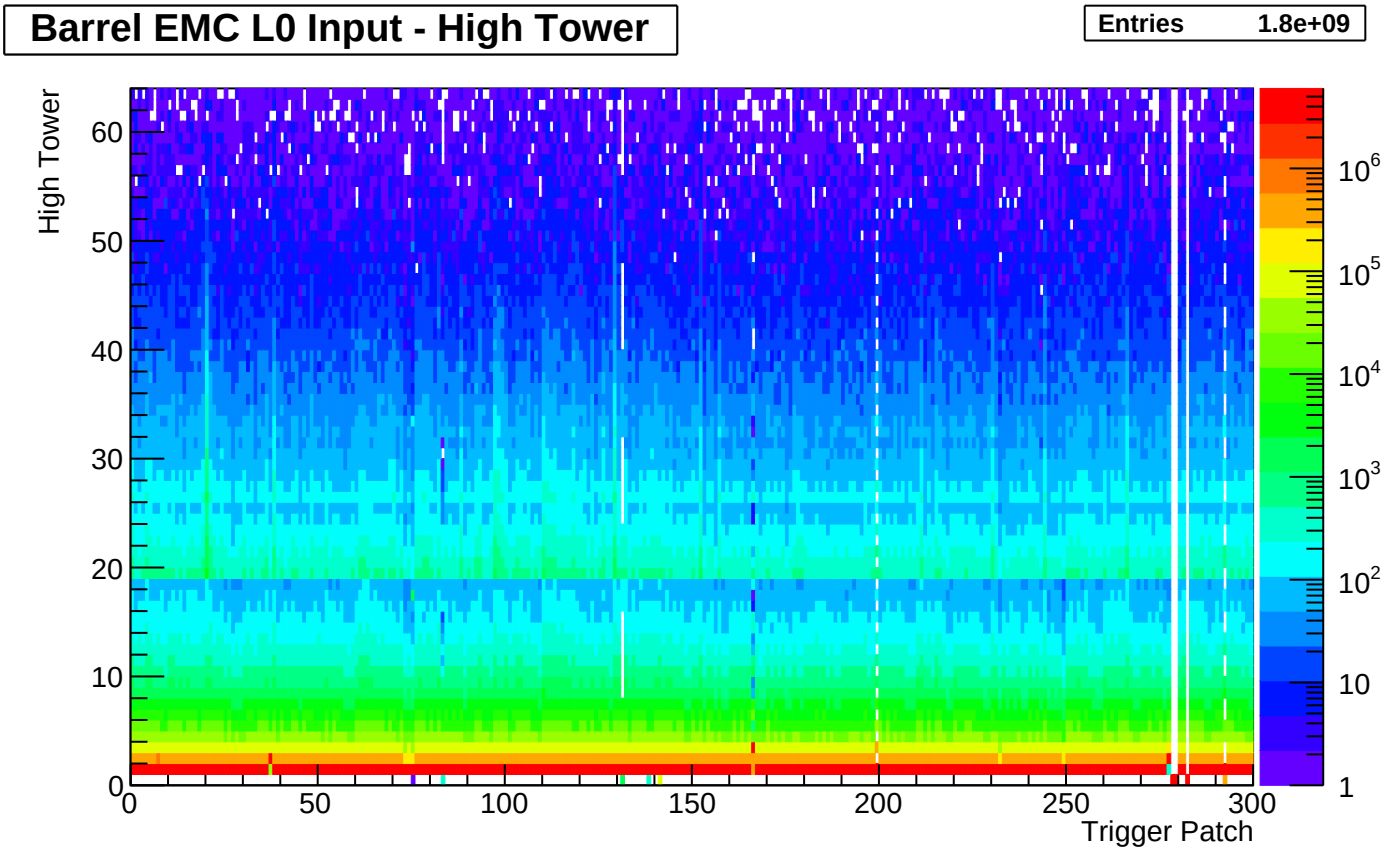
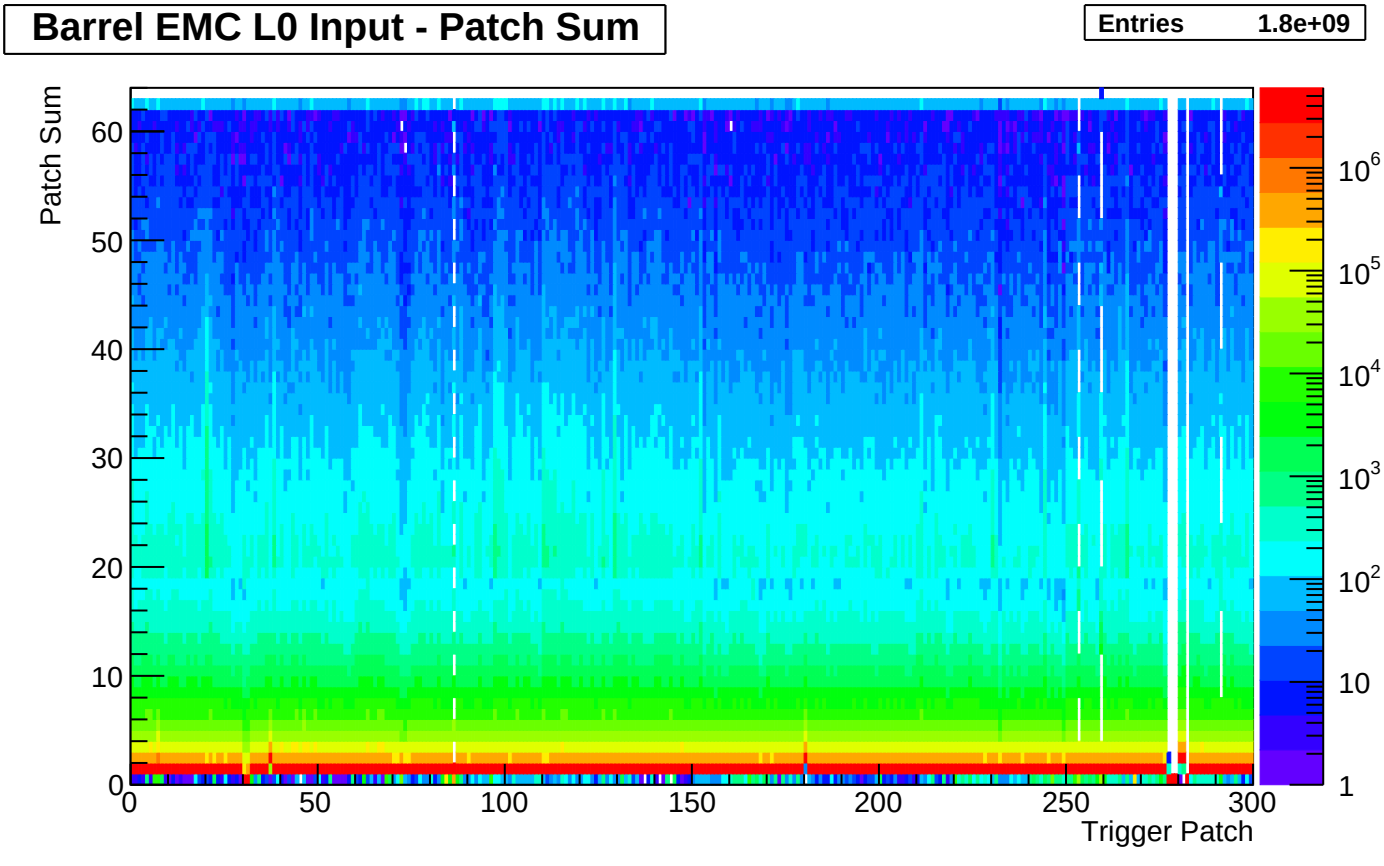
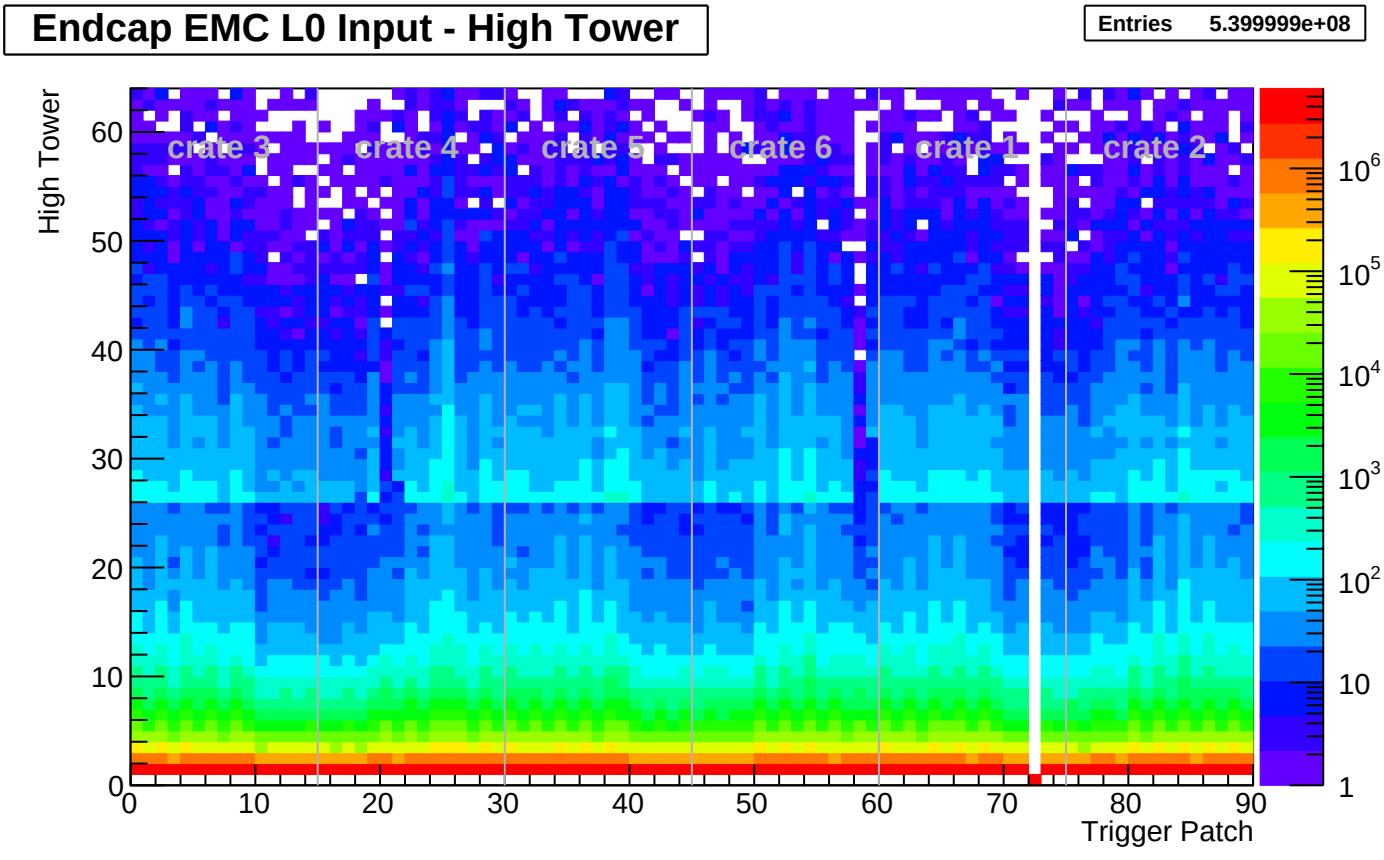
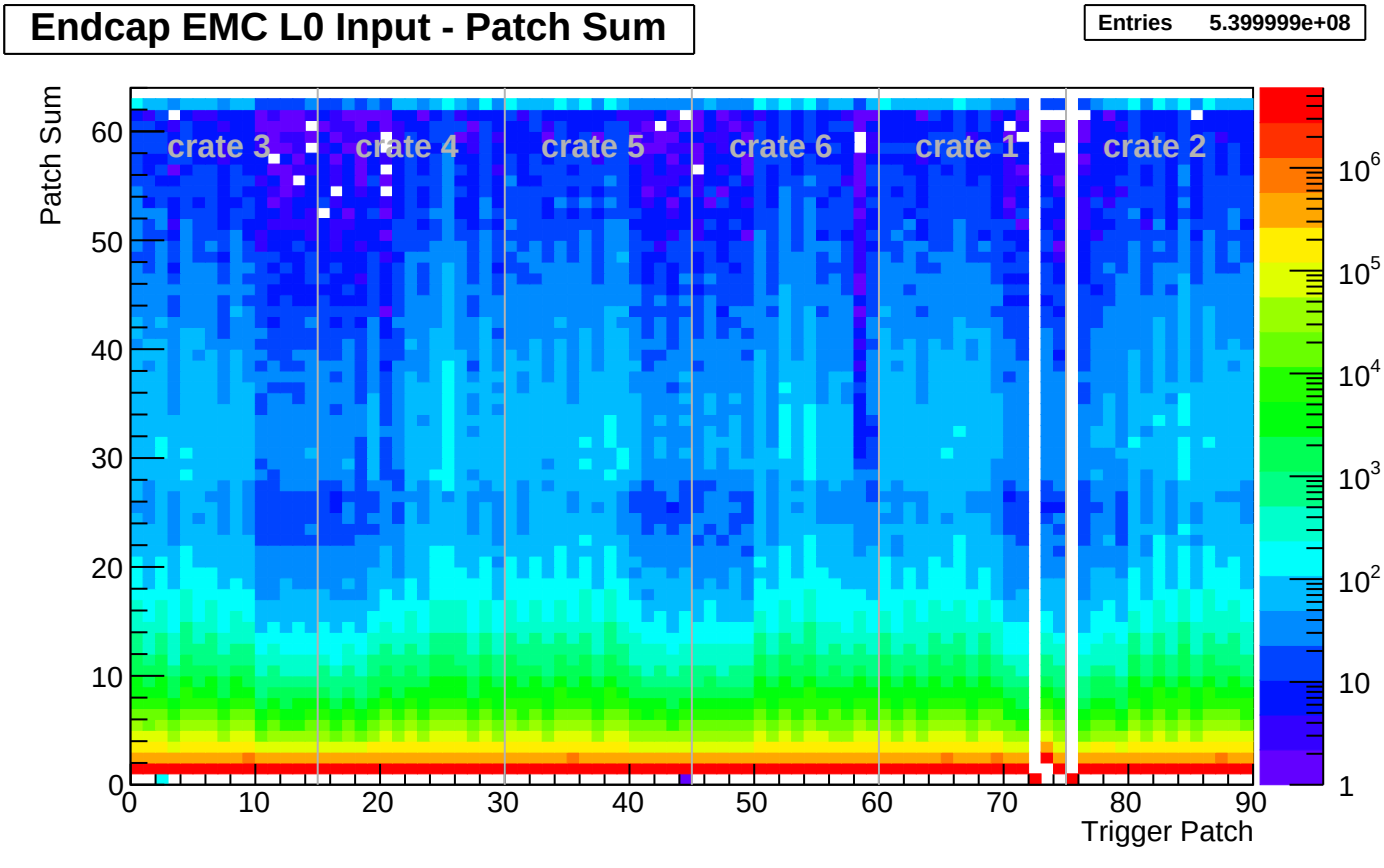
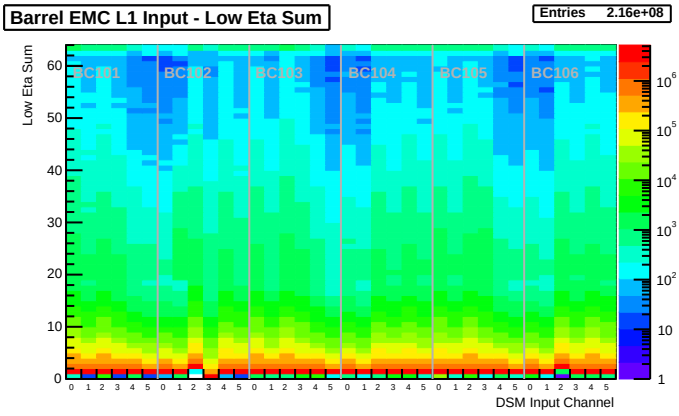
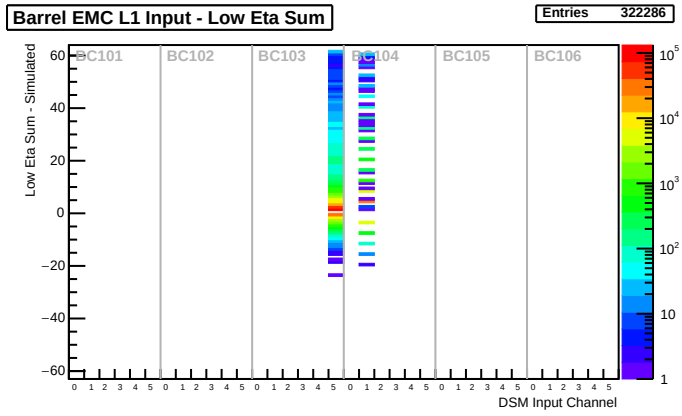

Barrel EMC L0 Input - High Tower
Entries 1.8e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

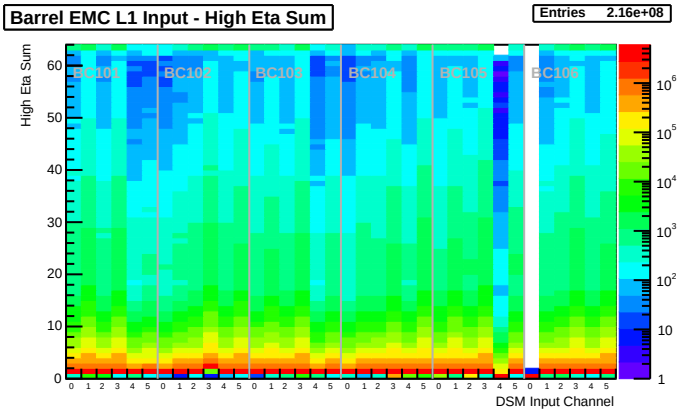

Barrel EMC L0 Input - Patch Sum
Entries 1.8e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

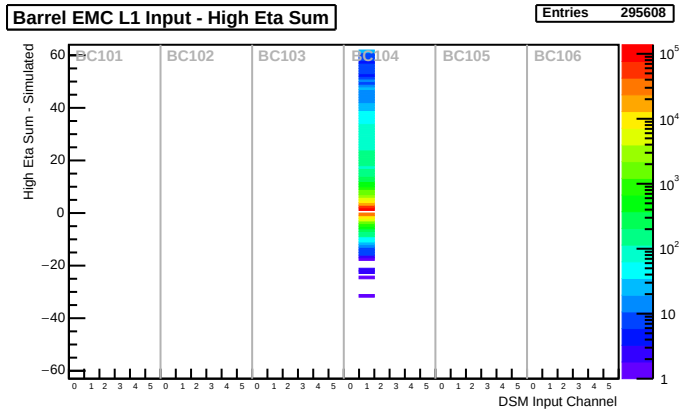

Endcap EMC L0 Input - High Tower
Entries 5.399999e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

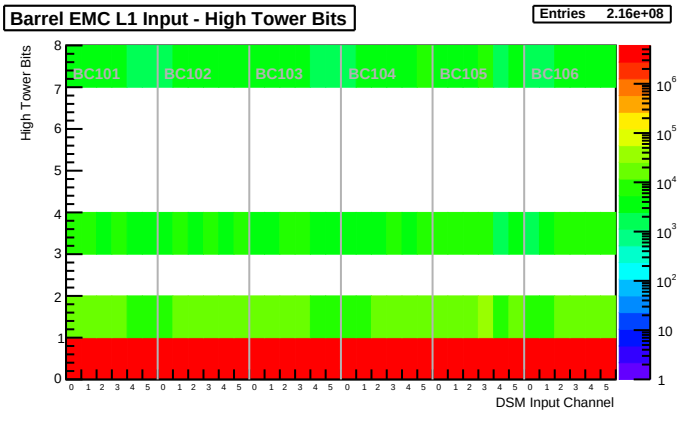

Endcap EMC L0 Input - Patch Sum
Entries 5.399999e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

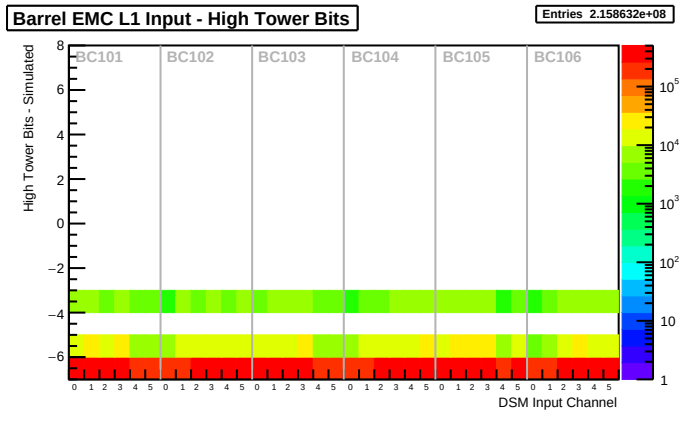

Barrel EMC L1 Input - Low Eta Sum
Entries 2.16e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

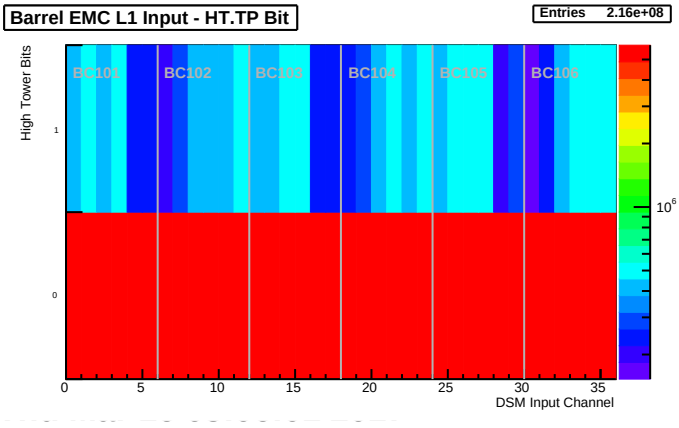

Barrel EMC L1 Input - Low Eta Sum
Entries 322286
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

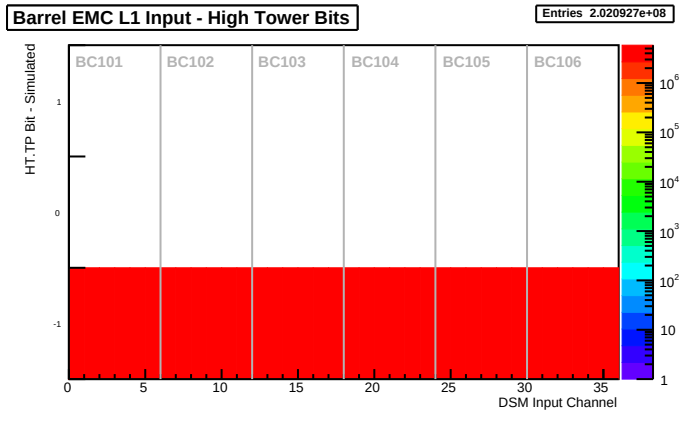

Barrel EMC L1 Input - High Eta Sum
Entries 2.16e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

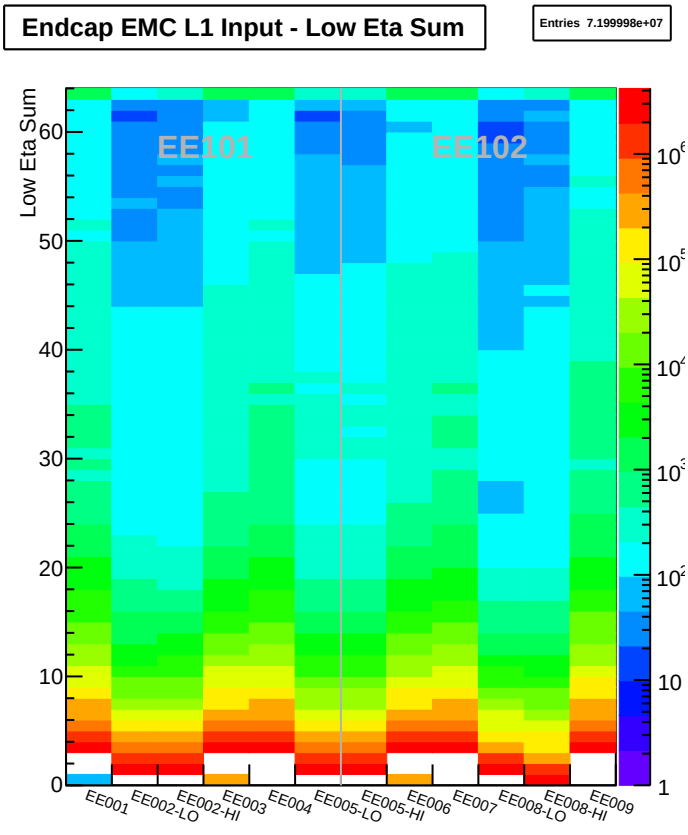

Barrel EMC L1 Input - High Eta Sum
Entries 295608
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

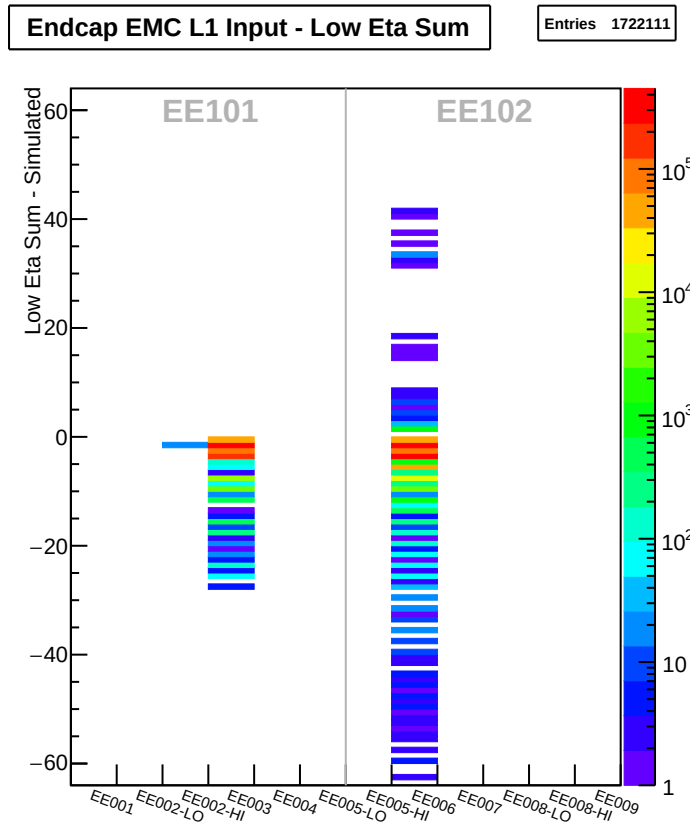

Barrel EMC L1 Input - High Tower Bits
Entries 2.16e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

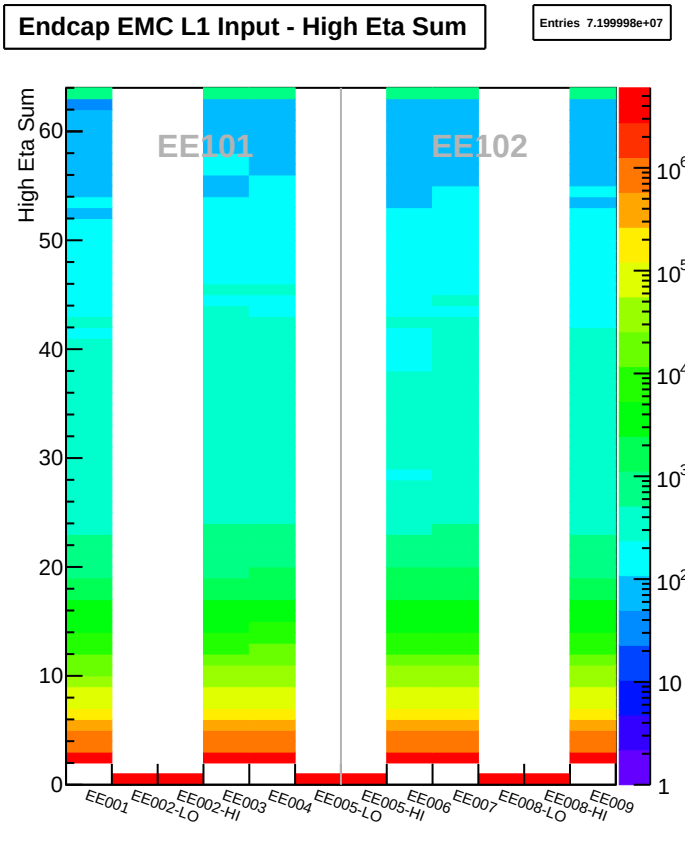

Barrel EMC L1 Input - High Tower Bits
Entries 2.158632e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

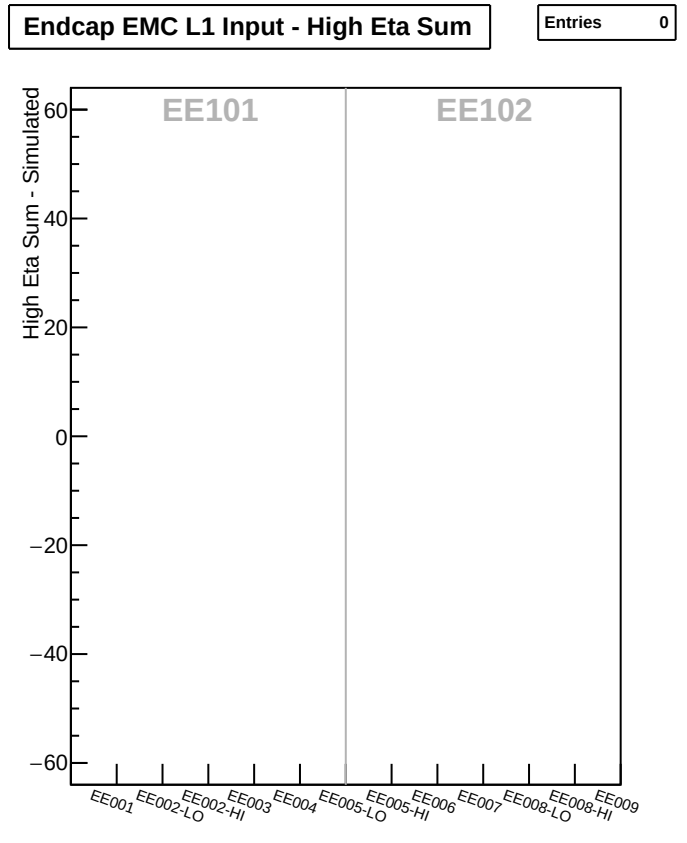

Barrel EMC L1 Input - HT.TP Bit
Entries 2.16e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

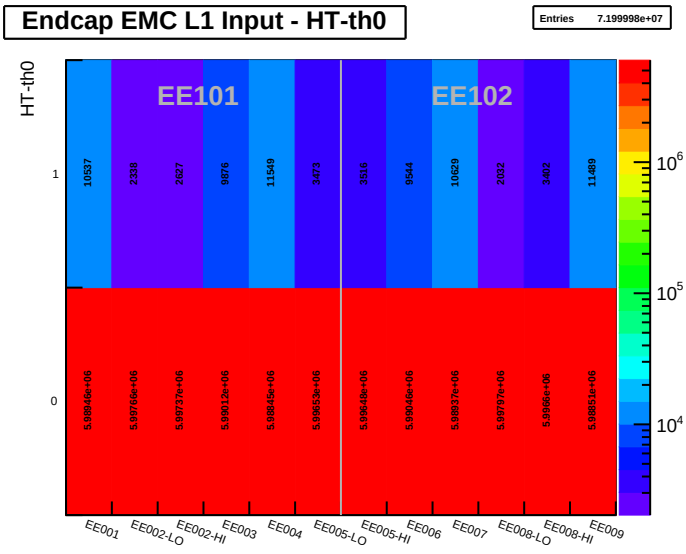

Barrel EMC L1 Input - High Tower Bits
Entries 2.020927e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

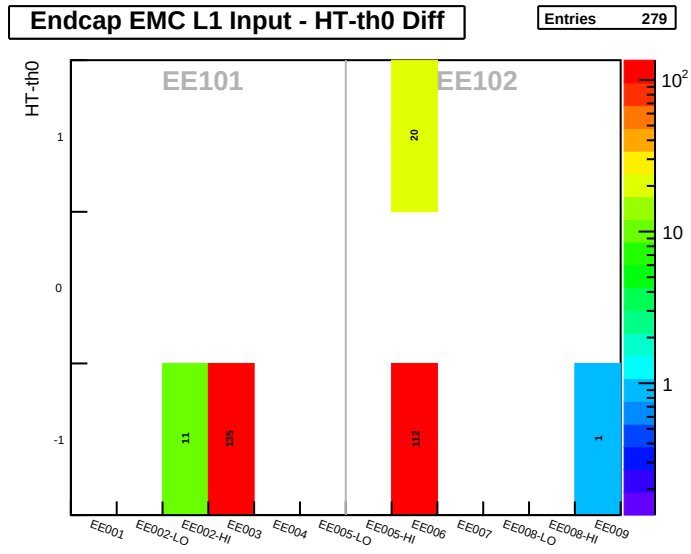

Endcap EMC L1 Input - Low Eta Sum
Entries 7.199998e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

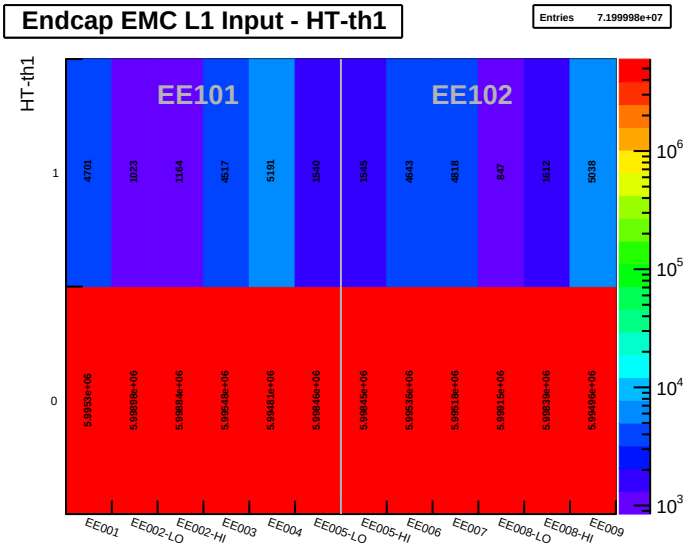

Endcap EMC L1 Input - Low Eta Sum
Entries 1722111
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

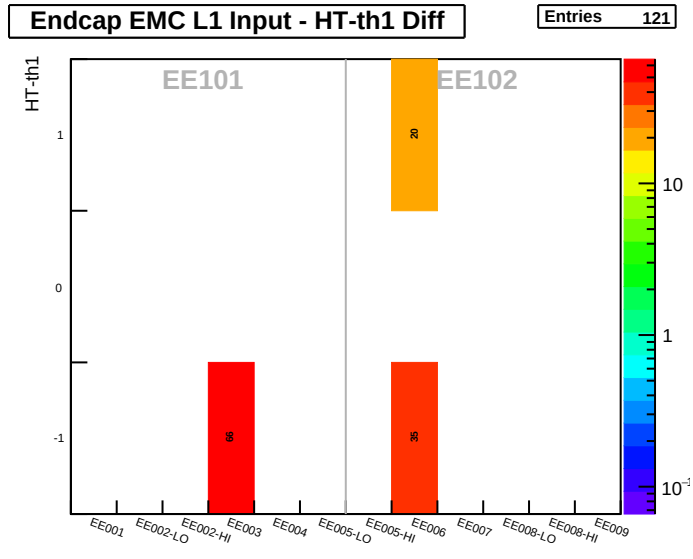

Endcap EMC L1 Input - High Eta Sum
Entries 7.199998e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

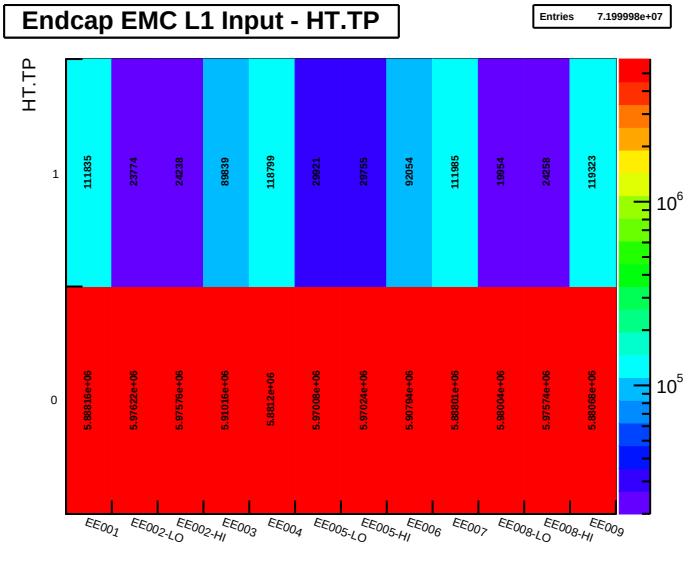

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

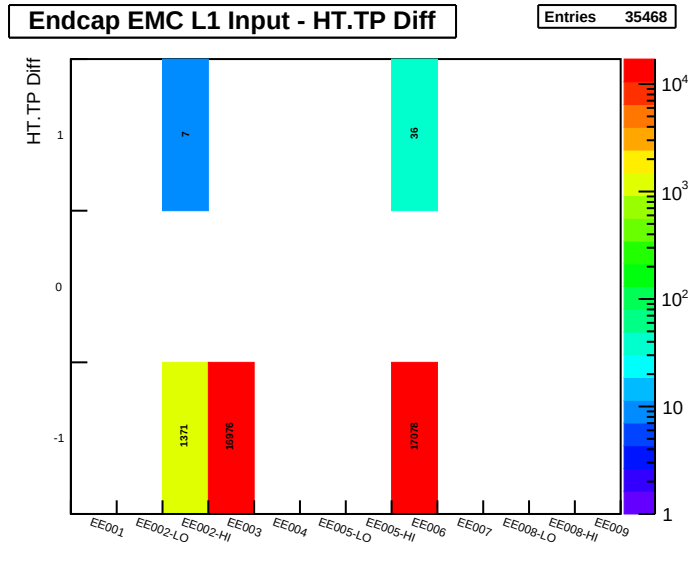

Endcap EMC L1 Input - HT-th0
Entries 7.199998e+07
HT-th0
EE101
EE102
10537 2338 2627 9876 11549 3473 3516 9544 10629 2032 3402 11489
5.98846e+06 5.99766e+06 5.99737e+06 5.99012e+06 5.98845e+06 5.99653e+06 5.99648e+06 5.99046e+06 5.98937e+06 5.99797e+06 5.9966e+06 5.98851e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

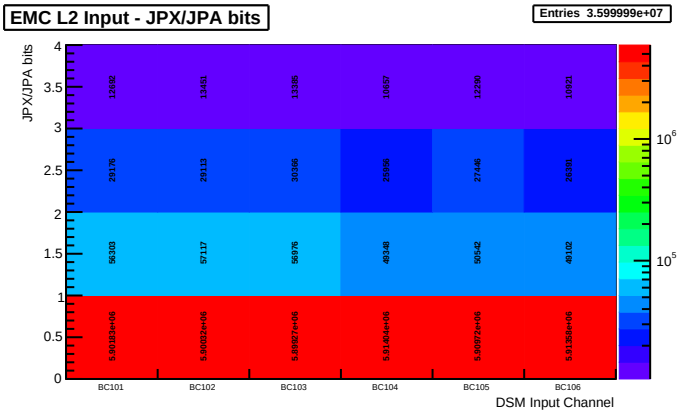

Endcap EMC L1 Input - HT-th0 Diff
Entries 279
HT-th0
EE101
EE102
20
11 135 112 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

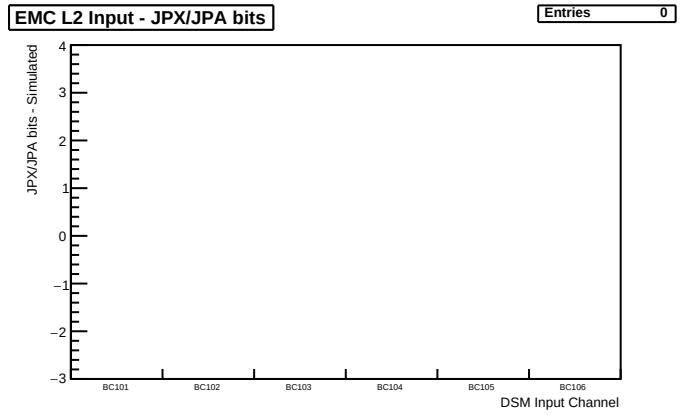

Endcap EMC L1 Input - HT-th1
Entries 7.199998e+07
HT-th1
EE101
EE102
4701 1023 1164 4517 5191 1540 1545 4643 4818 847 1612 5038
5.99536e+06 5.98898e+06 5.98884e+06 5.99548e+06 5.99481e+06 5.98846e+06 5.98845e+06 5.99536e+06 5.99519e+06 5.99915e+06 5.98839e+06 5.99496e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

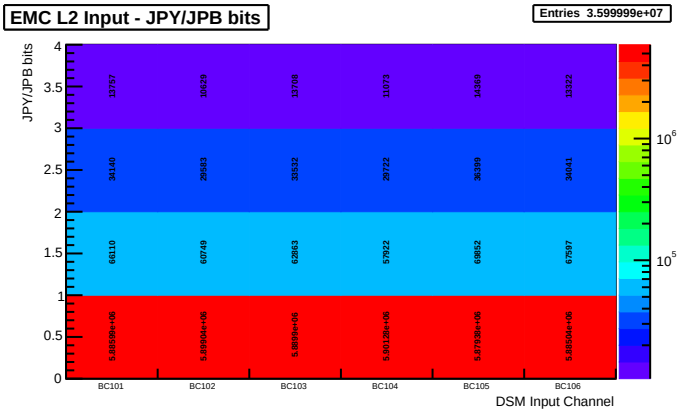

Endcap EMC L1 Input - HT-th1 Diff
Entries 121
HT-th1
EE101
EE102
20
66 35
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

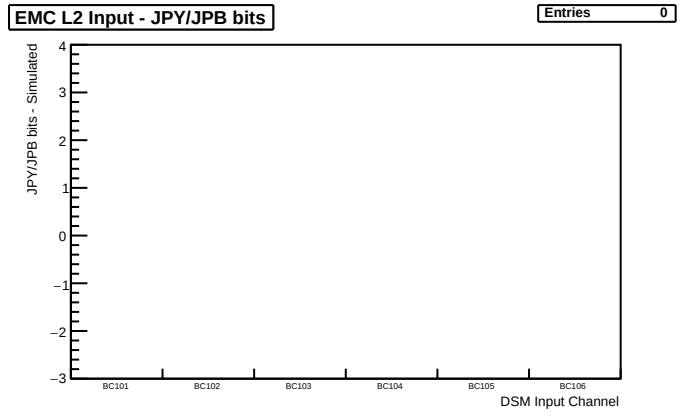

Endcap EMC L1 Input - HT.TP
Entries 7.199998e+07
HT.TP
111835 23774 24238 89839 118799 29921 29755 92054 111985 19954 24258 119323
5.88816e+06 5.97622e+06 5.97576e+06 5.91016e+06 5.8812e+06 5.97008e+06 5.97024e+06 5.90794e+06 5.88801e+06 5.98004e+06 5.97574e+06 5.88068e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

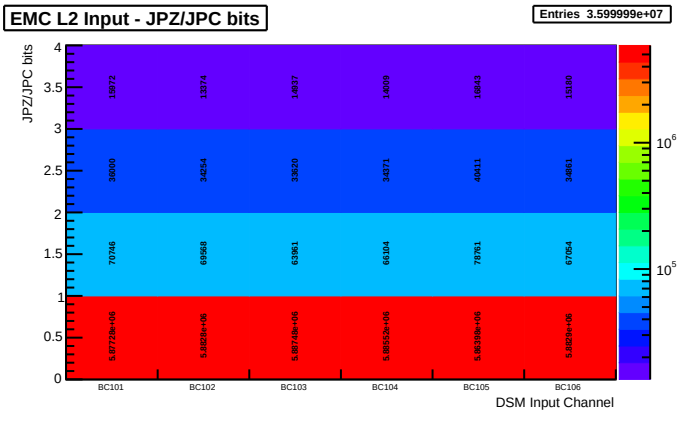

Endcap EMC L1 Input - HT.TP Diff
Entries 35468
HT.TP Diff
7
36
1371 16976 17078
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

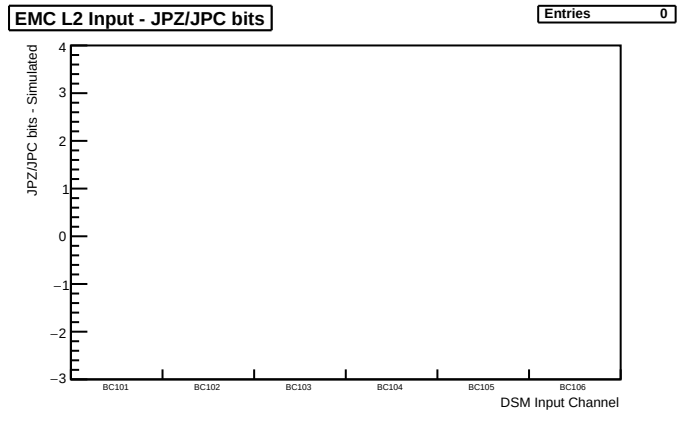

EMC L2 Input - JPX/JPA bits
Entries 3.599999e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12632
13451
13385
10657
12230
10921
29176
29113
30366
25956
27446
26391
56303
57117
56976
49348
50542
49102
5.90183e+06
5.90032e+06
5.88927e+06
5.91404e+06
5.90972e+06
5.91358e+06

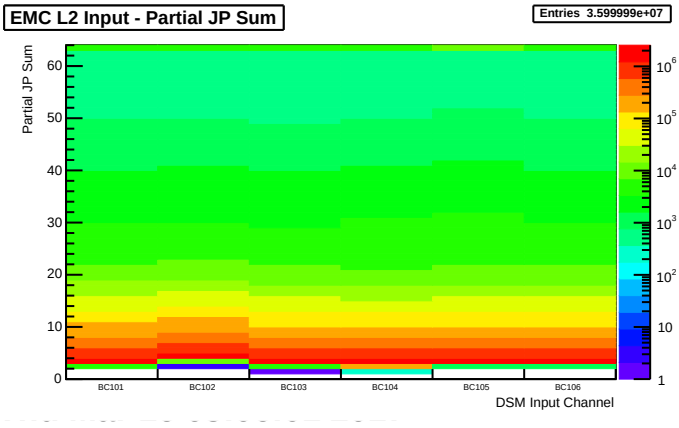

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

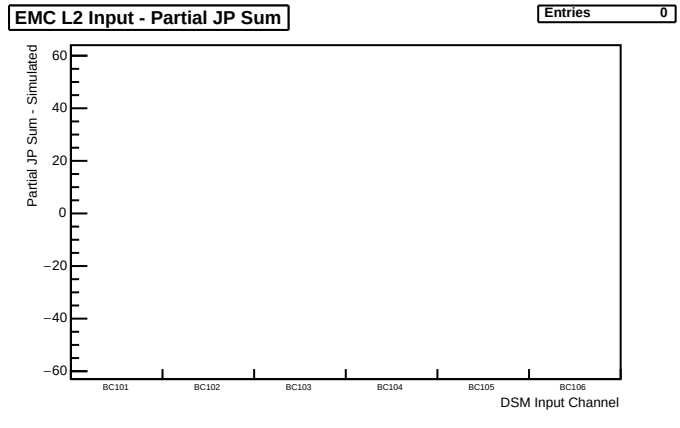

EMC L2 Input - JPY/JPB bits
Entries 3.599999e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13757
10529
13708
11073
14369
13322
34140
29583
33532
29722
36399
34041
66110
60749
62863
57922
69852
67597
5.88589e+06
5.89904e+06
5.8899e+06
5.90128e+06
5.87938e+06
5.88504e+06

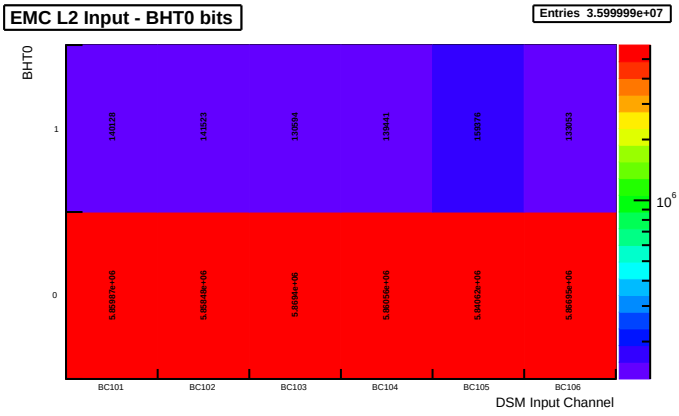

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

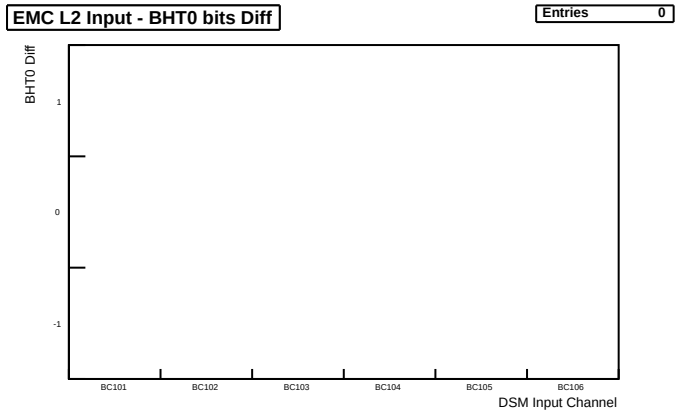

EMC L2 Input - JPZ/JPC bits
Entries 3.599999e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15972
13374
14637
14009
16843
15180
36000
34254
33820
34371
40411
34861
70746
69568
63961
66104
78761
67054
5.87728e+06
5.8828e+06
5.88748e+06
5.88552e+06
5.86398e+06
5.8828e+06

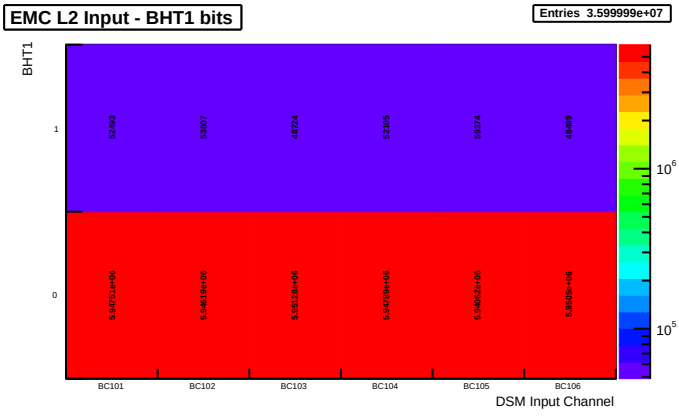

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

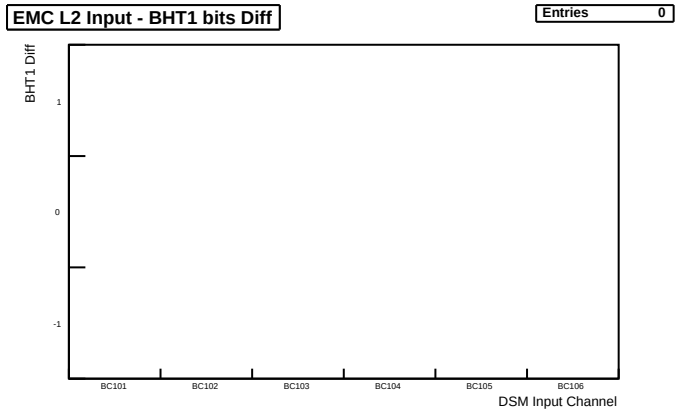

EMC L2 Input - Partial JP Sum
Entries 3.599999e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

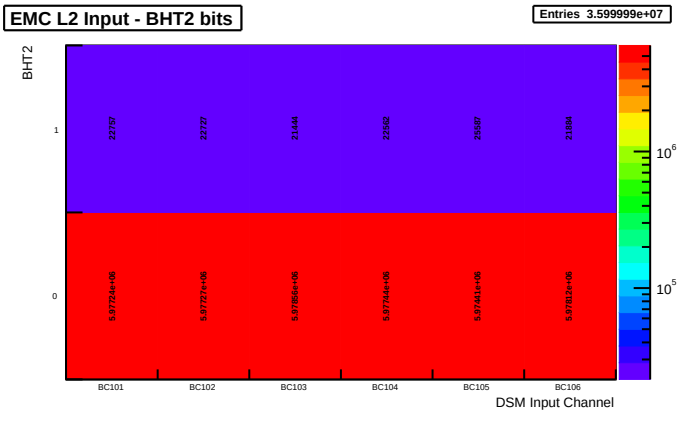

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

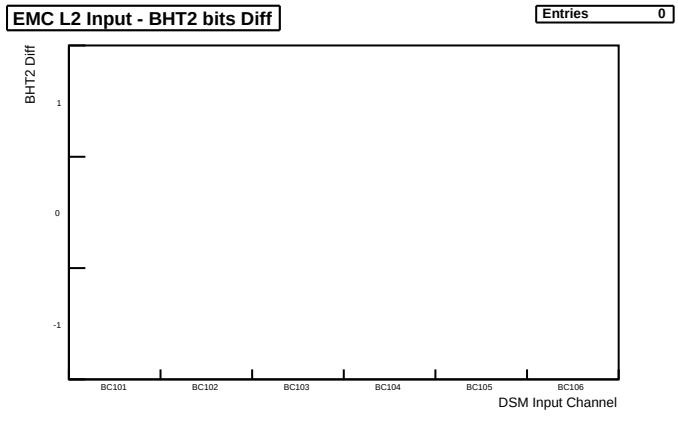

EMC L2 Input - BHT0 bits
Entries 3.599999e+07
BHT0
1
0
140128
141523
130594
139441
159376
133053
5.85987e+06
5.85848e+06
5.8694e+06
5.86056e+06
5.84062e+06
5.86695e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

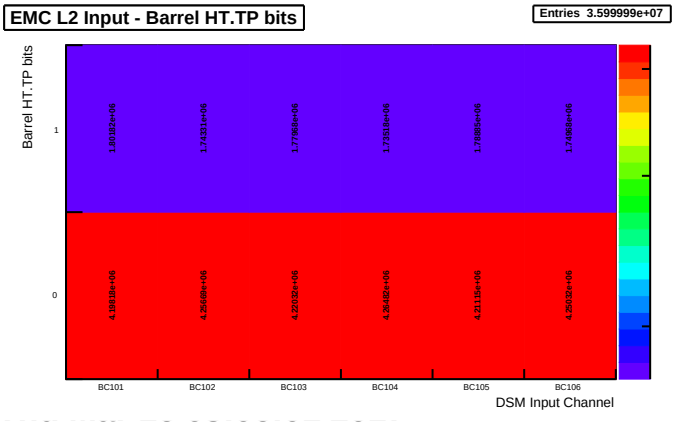

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

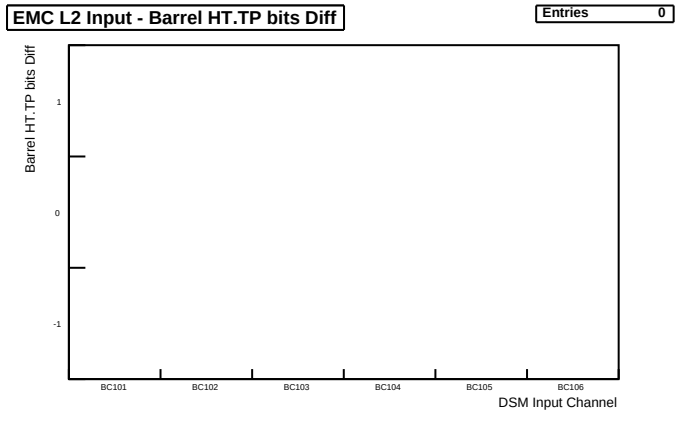

EMC L2 Input - BHT1 bits
Entries 3.599999e+07
BHT1
1
0
52493
53807
48724
52105
59374
49499
5.94751e+06
5.94619e+06
5.95128e+06
5.94789e+06
5.94062e+06
5.9505e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

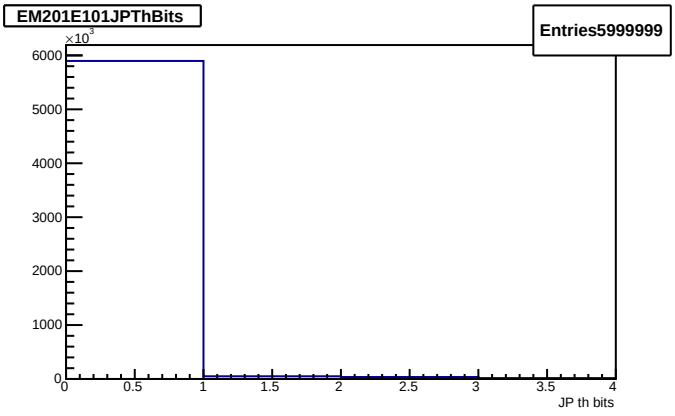

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

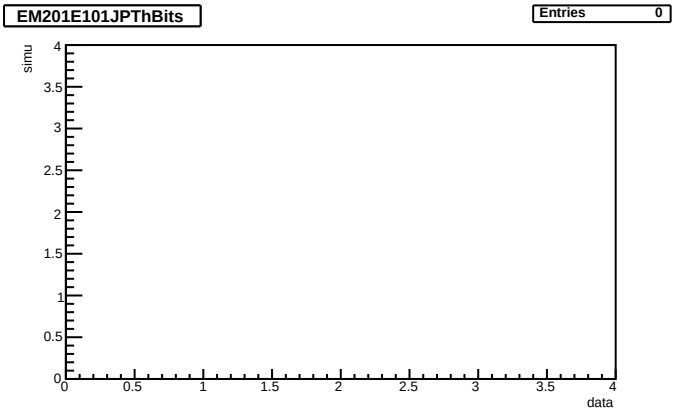

EMC L2 Input - BHT2 bits
Entries 3.599999e+07
BHT2
1
0
22757
22727
21444
22562
25587
21884
5.97724e+06
5.97727e+06
5.97856e+06
5.97744e+06
5.97441e+06
5.97812e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

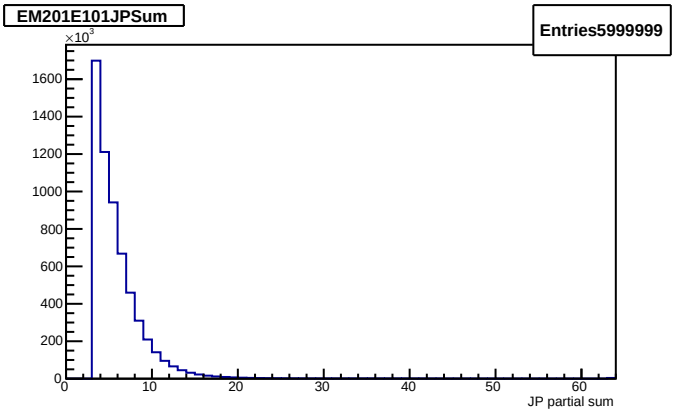

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

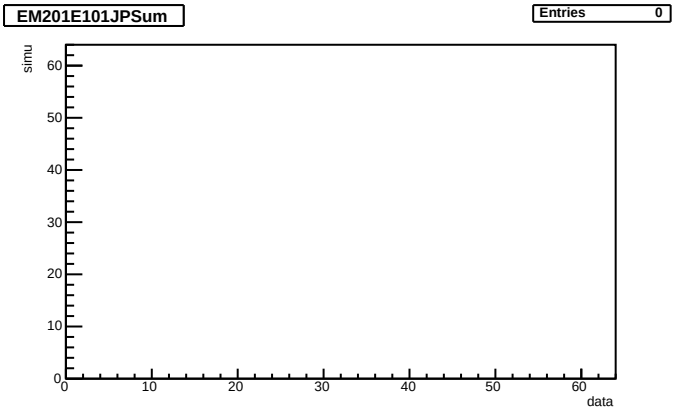

EMC L2 Input - Barrel HT.TP bits
Entries 3.599999e+07
Barrel HT.TP bits
1
0
1.80182e+06
1.74331e+06
1.77968e+06
1.73518e+06
1.78885e+06
1.74968e+06
4.19818e+06
4.25669e+06
4.22032e+06
4.26482e+06
4.21115e+06
4.25032e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

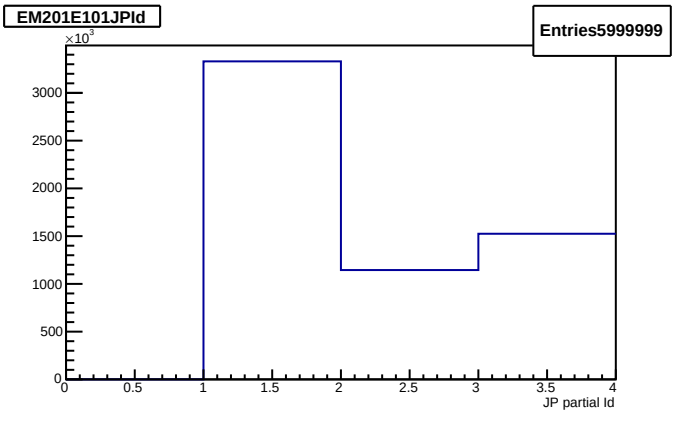

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

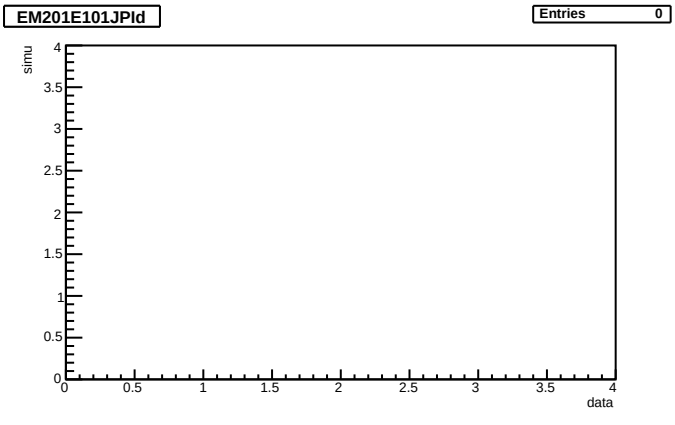

EM201E101JPThBits
Entries5999999
×10^3
JP th bits

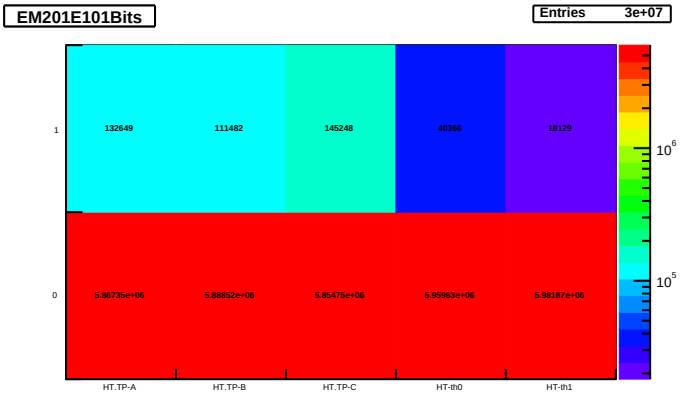

EM201E101JPThBits
Entries 0
simu
data

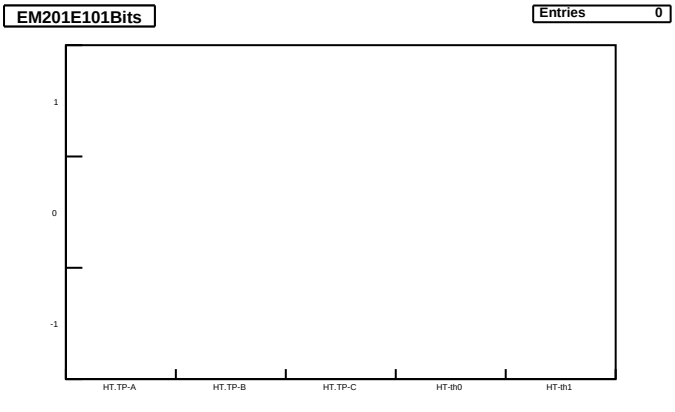

EM201E101JPSum
Entries5999999
×10^3
JP partial sum

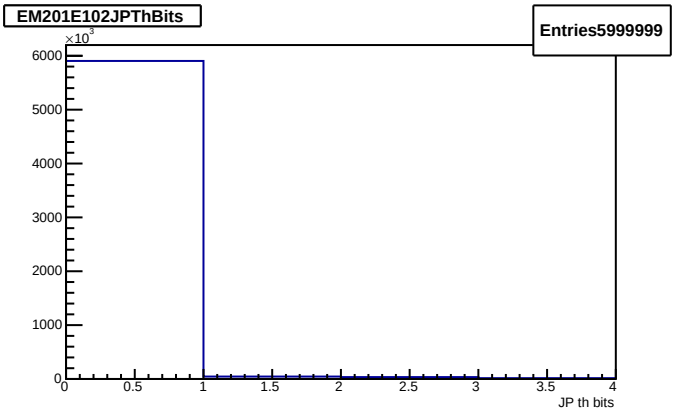

EM201E101JPSum
Entries 0
simu
data

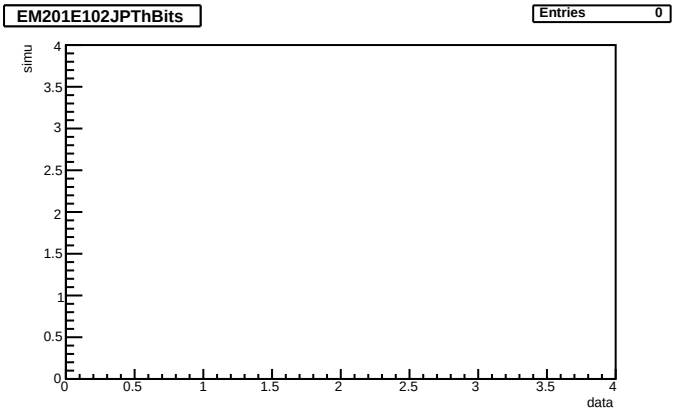

EM201E101JPId
Entries5999999
×10^3
JP partial Id

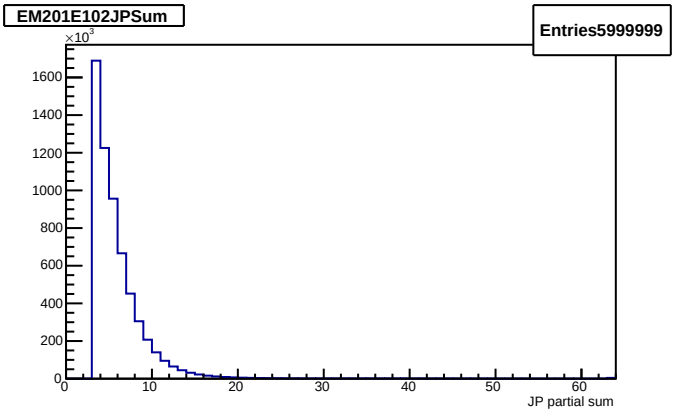

EM201E101JPId
Entries 0
simu
data

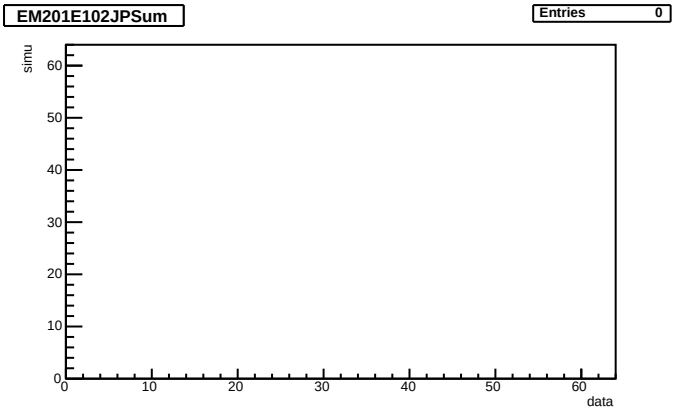

EM201E101Bits
Entries 3e+07
132649
111482
145248
40366
18123
5.86735e+06
5.88852e+06
5.85475e+06
5.95963e+06
5.98187e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

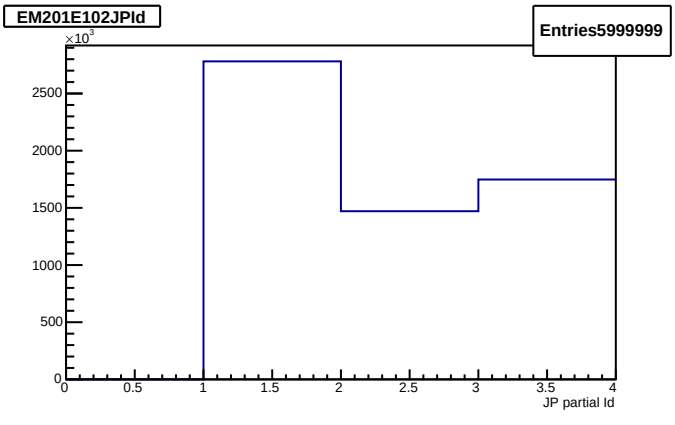

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

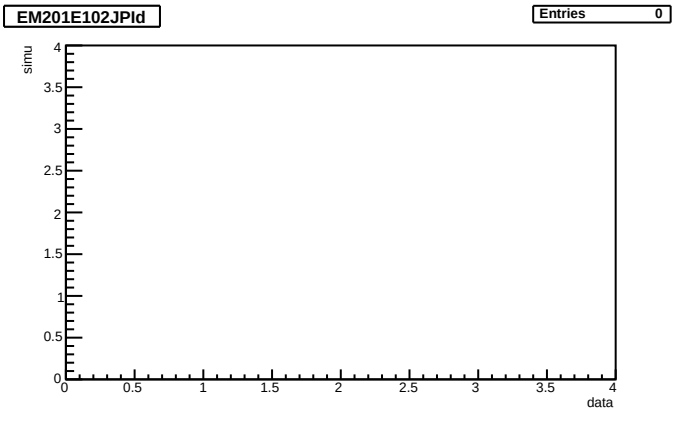

EM201E102JPThBits
Entries5999999
×10^3
JP th bits

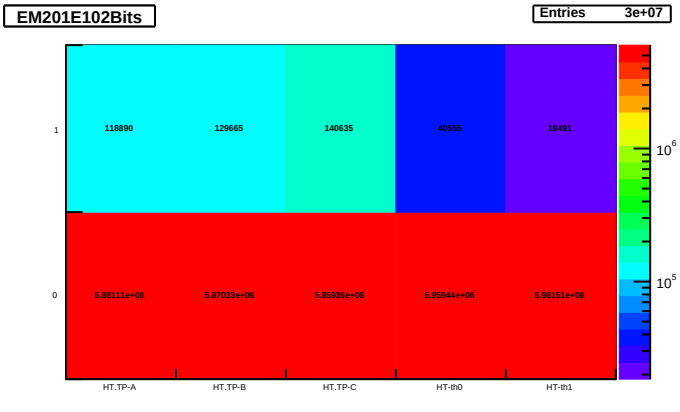

EM201E102JPThBits
Entries 0
simu
data

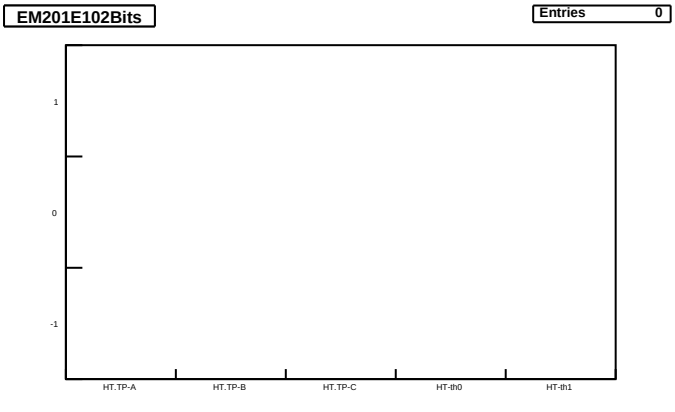

EM201E102JPSum
Entries5999999
×10^3
JP partial sum

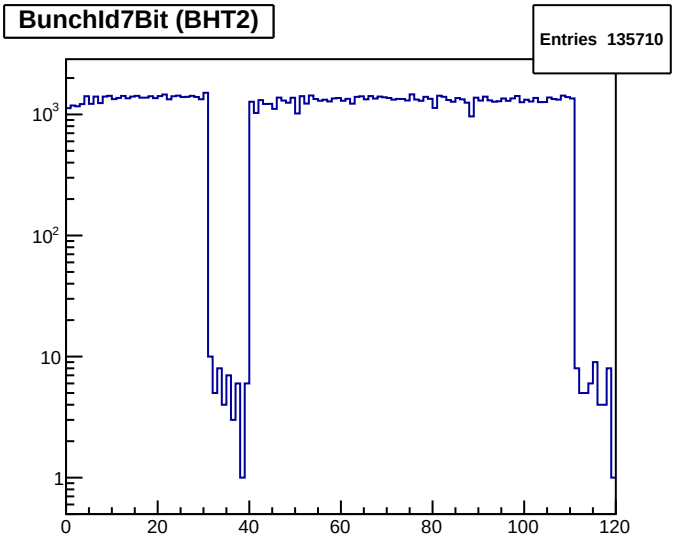

EM201E102JPSum
Entries 0
simu
data

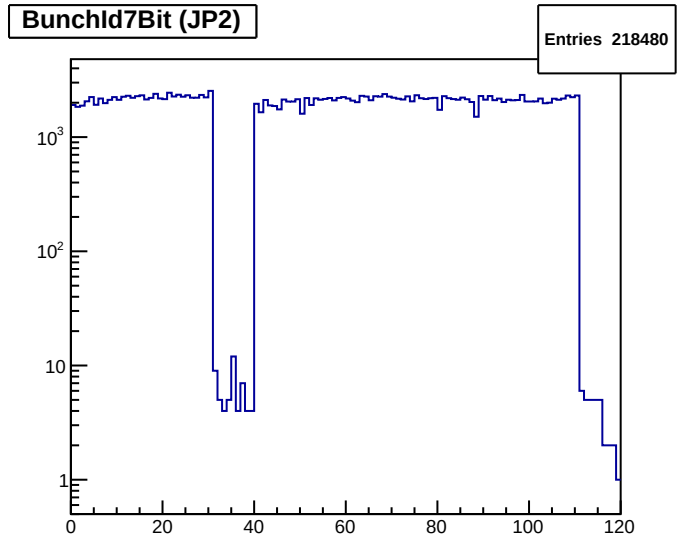

EM201E102JPId
Entries5999999
×10^3
JP partial Id

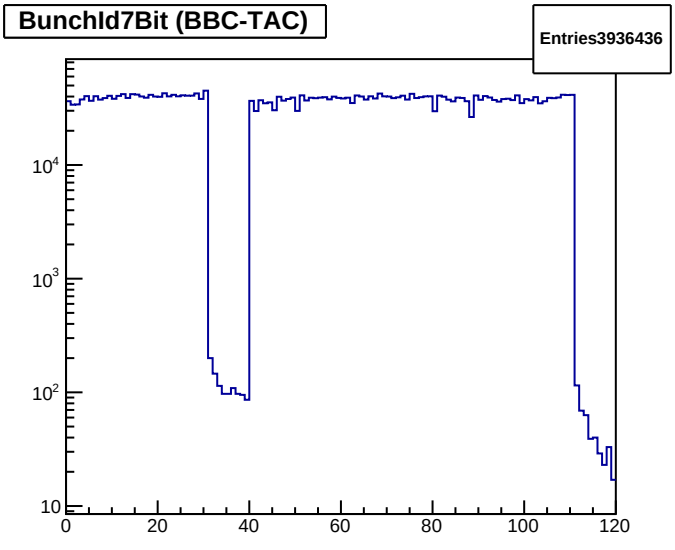

EM201E102JPId
Entries 0
simu
data

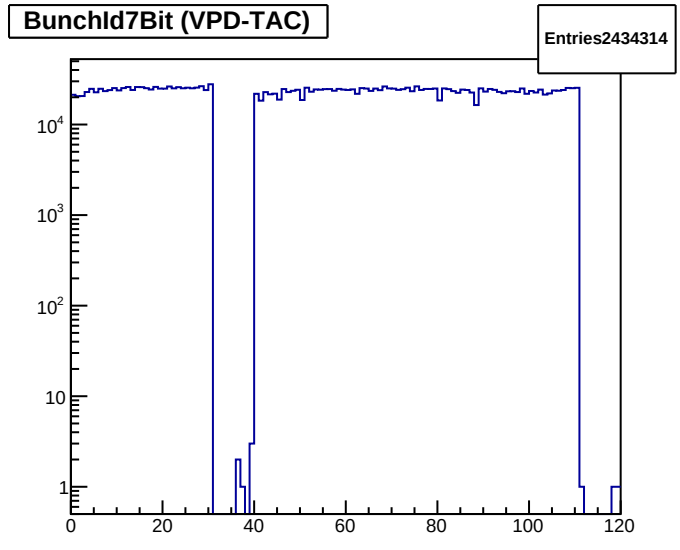

EM201E102Bits
Entries 3e+07
118890
129665
140635
40555
18491
5.88111e+06
5.87033e+06
5.85936e+06
5.95944e+06
5.98151e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

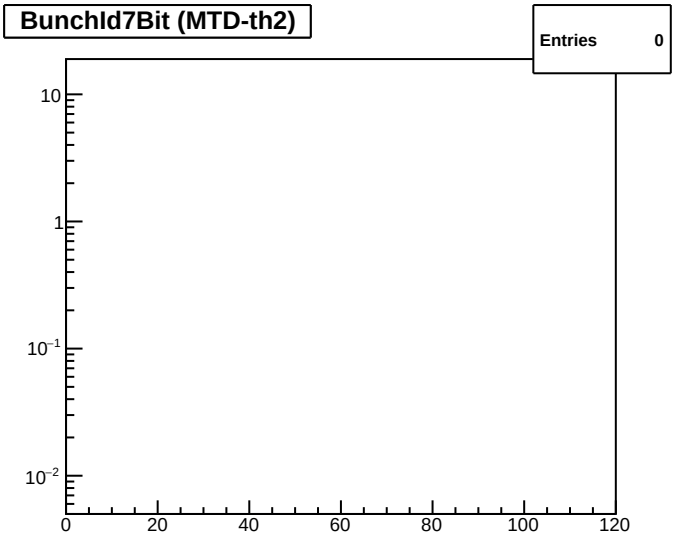

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

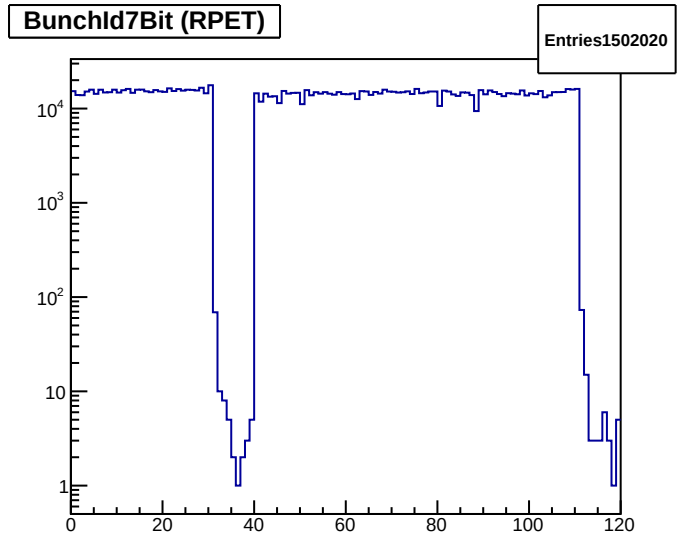

BunchId7Bit (BHT2)
Entries 135710

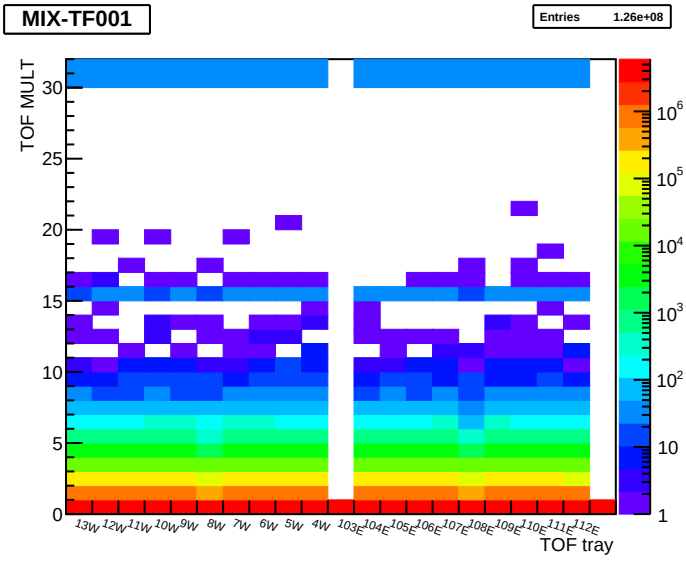

BunchId7Bit (JP2)
Entries 218480

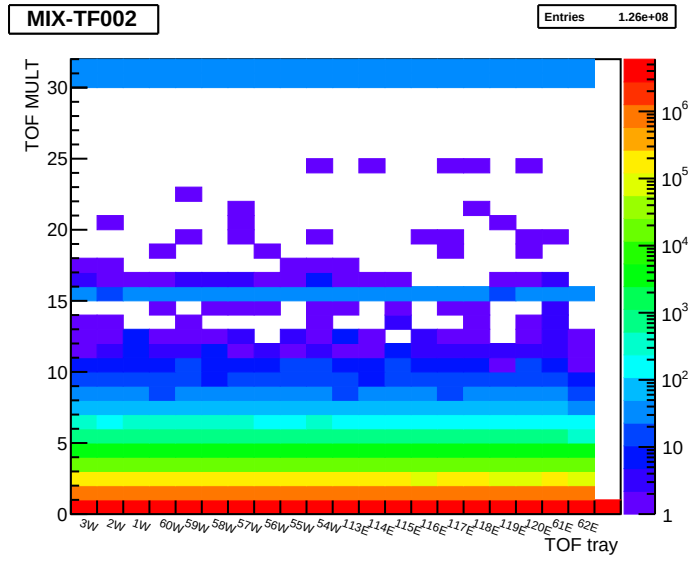

BunchId7Bit (BBC-TAC)
Entries3936436

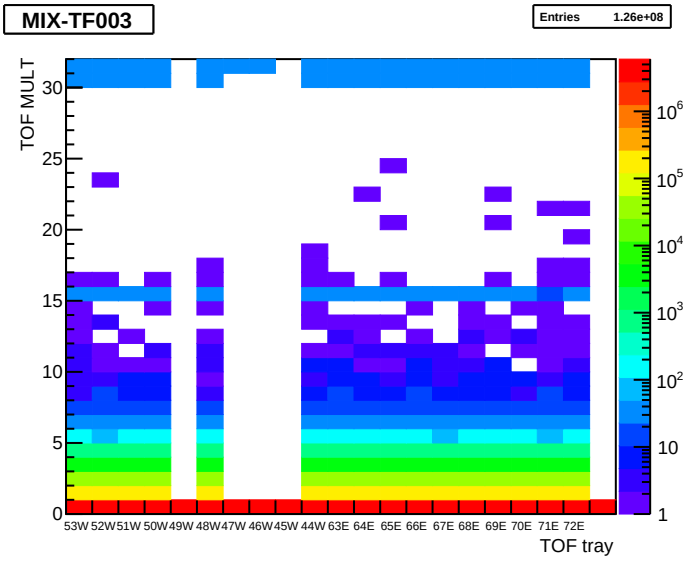

BunchId7Bit (VPD-TAC)
Entries2434314

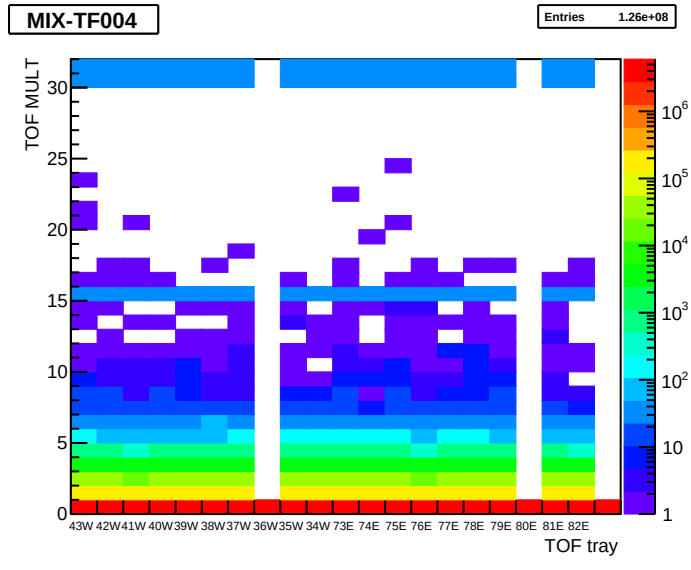

BunchId7Bit (MTD-th2)
Entries 0

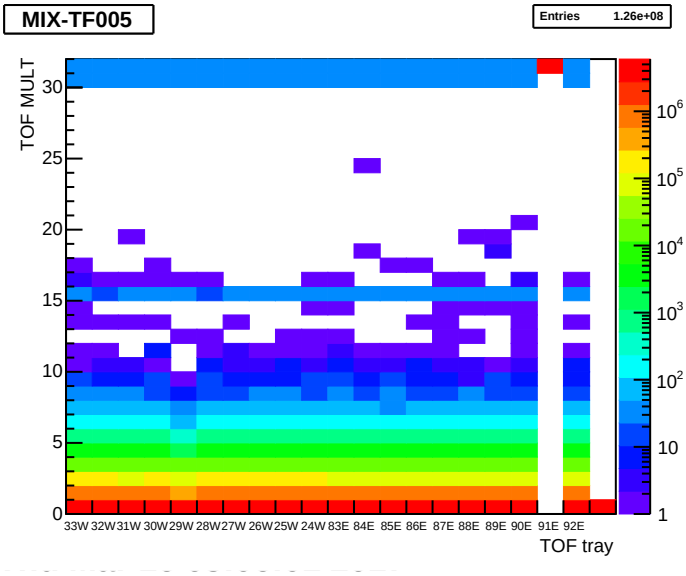

BunchId7Bit (RPET)
Entries1502020

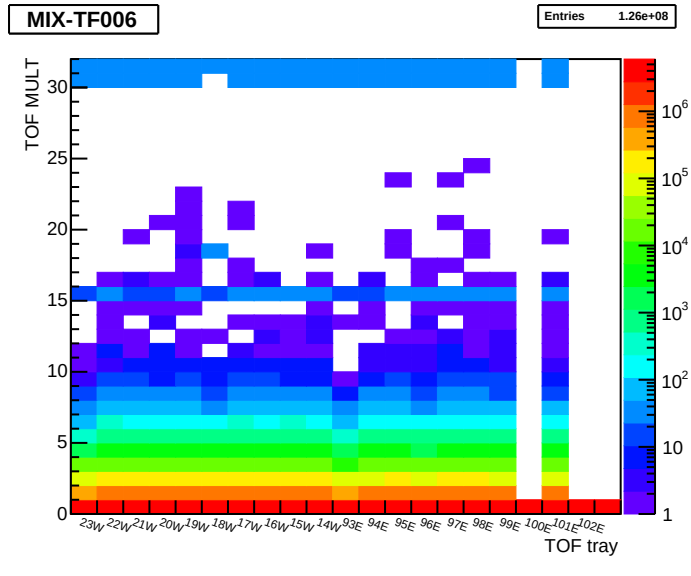

MIX-TF001
Entries 1.26e+08
TOF MULT
TOF tray

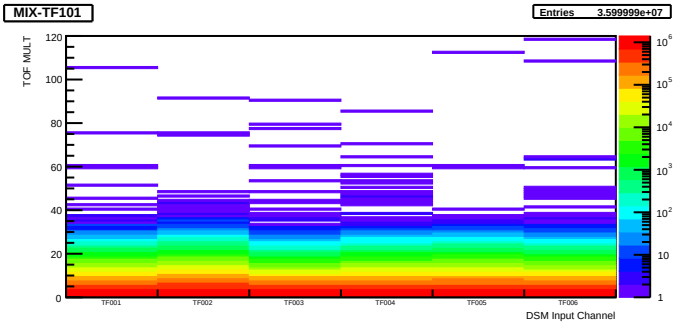

MIX-TF002
Entries 1.26e+08
TOF MULT
TOF tray

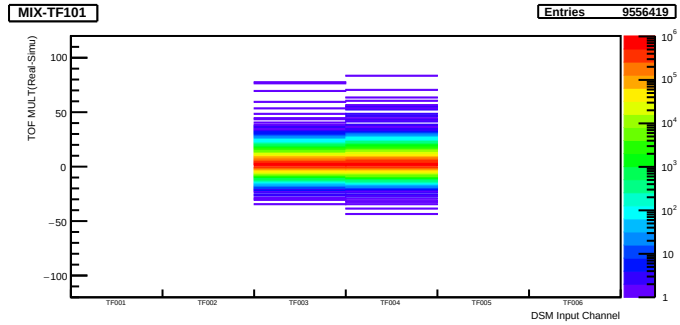

MIX-TF003
Entries 1.26e+08
TOF MULT
TOF tray

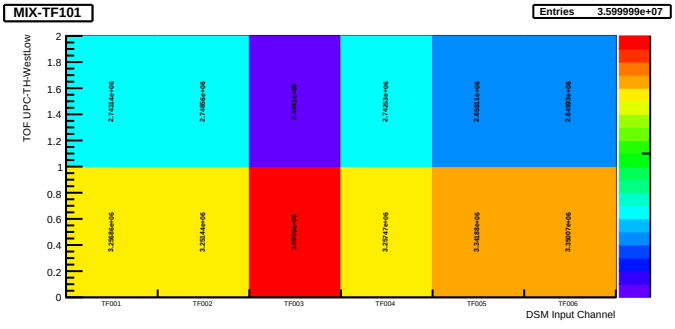

MIX-TF004
Entries 1.26e+08
TOF MULT
TOF tray

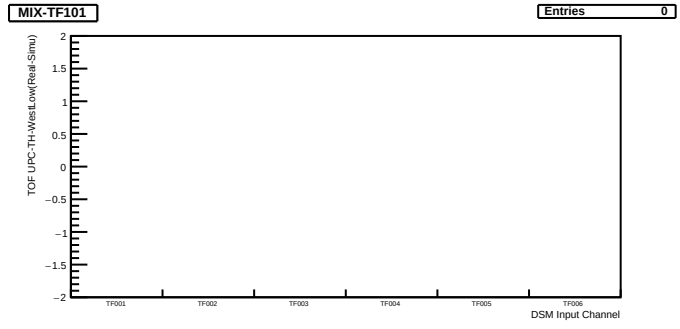

MIX-TF005
Entries 1.26e+08
TOF MULT
TOF tray

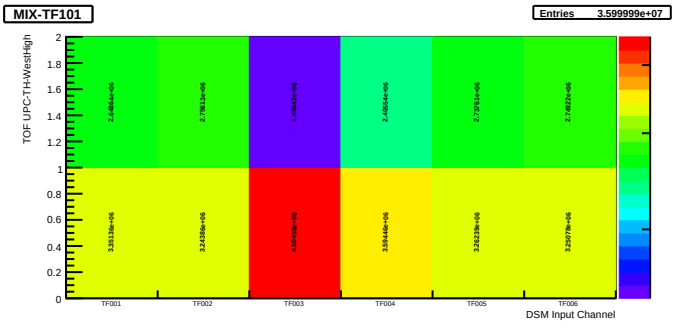

MIX-TF006
Entries 1.26e+08
TOF MULT
TOF tray

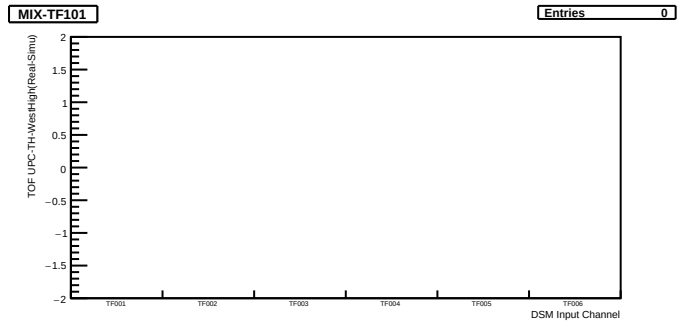

MIX-TF101
Entries 3.599999e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

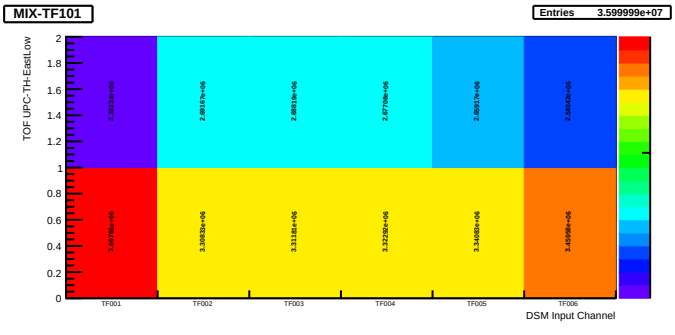

MIX-TF101
Entries 9556419
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

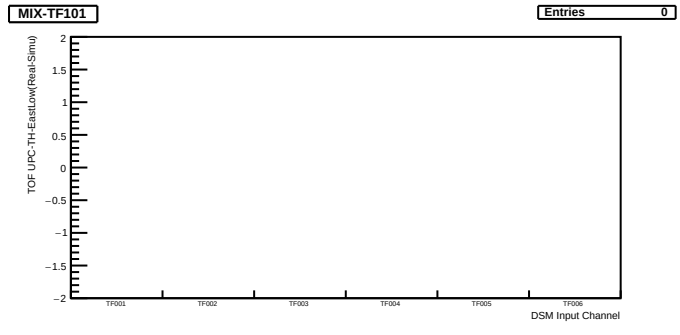

MIX-TF101
Entries 3.599999e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

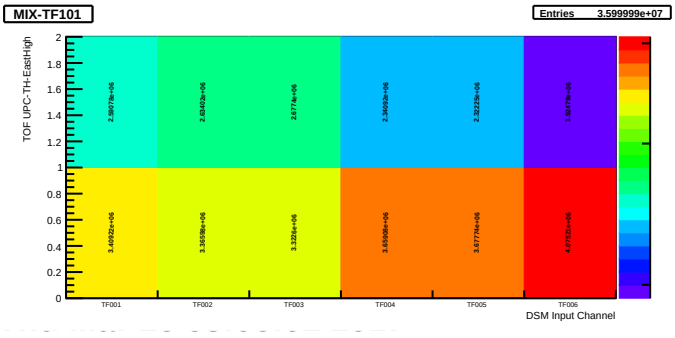

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

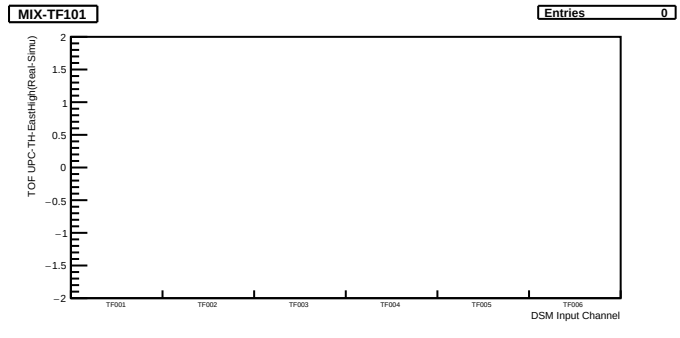

MIX-TF101
Entries 3.599999e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

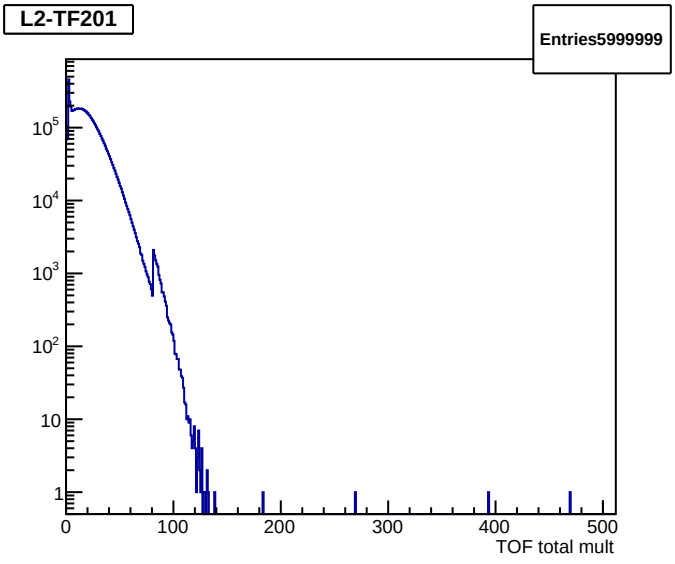

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

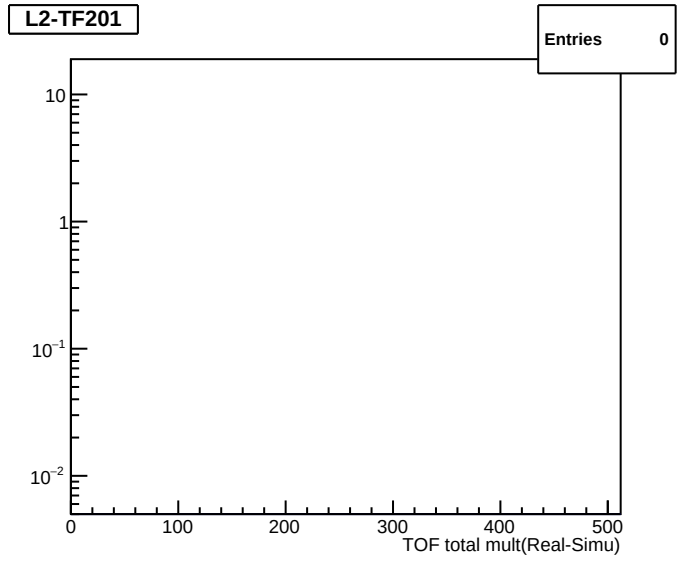

MIX-TF101
Entries 3.599999e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

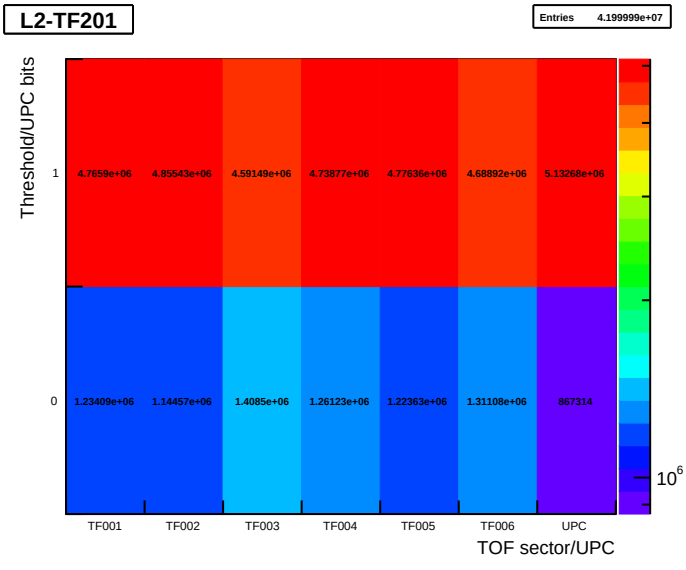

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

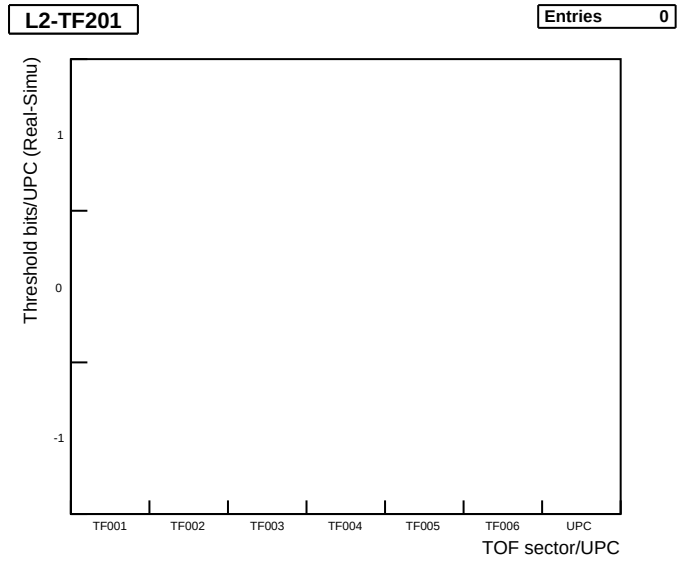

MIX-TF101
Entries 3.599999e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

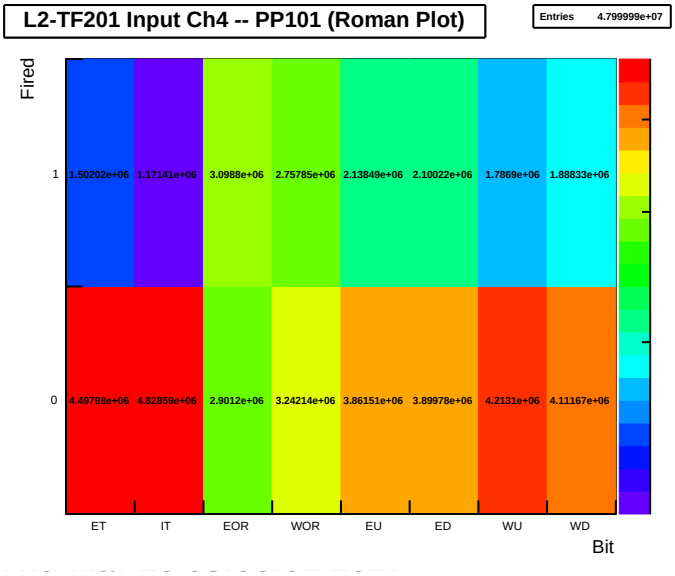

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

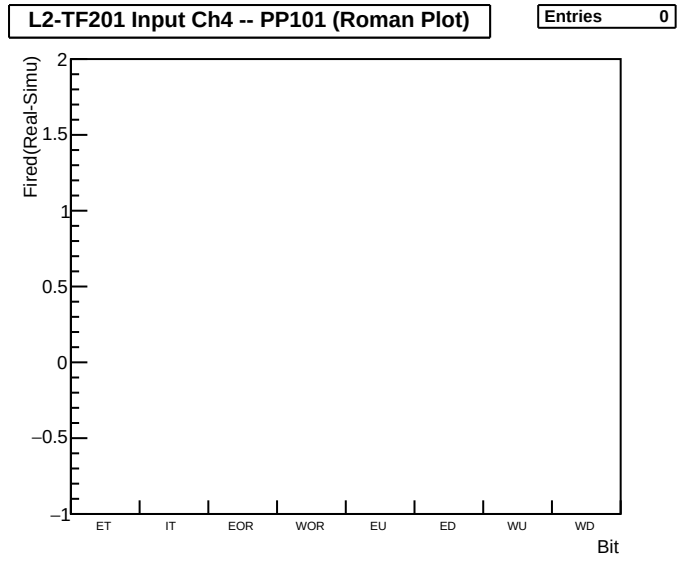

L2-TF201
Entries5999999
TOF total mult

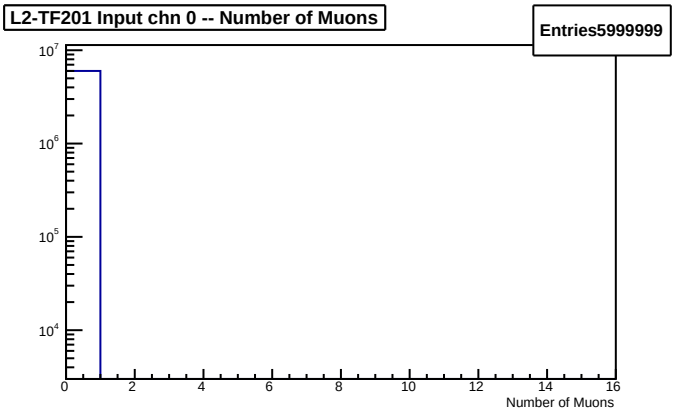

L2-TF201
Entries 0
TOF total mult(Real-Simu)

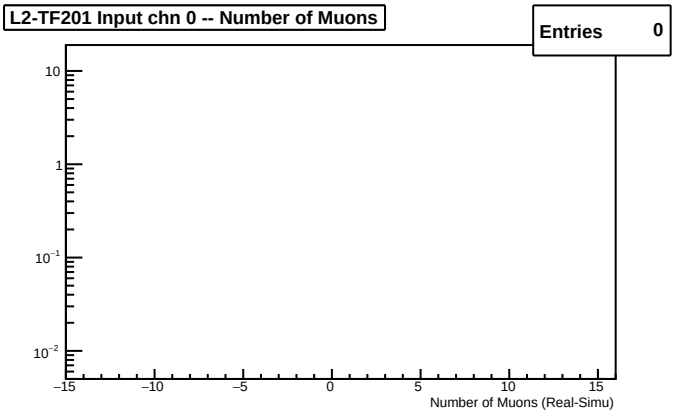

L2-TF201
Entries 4.199999e+07
Threshold/UPC bits
4.7659e+06
4.85543e+06
4.59149e+06
4.73877e+06
4.77636e+06
4.68892e+06
5.13268e+06
1.23409e+06
1.14457e+06
1.4085e+06
1.26123e+06
1.22363e+06
1.31108e+06
867314
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

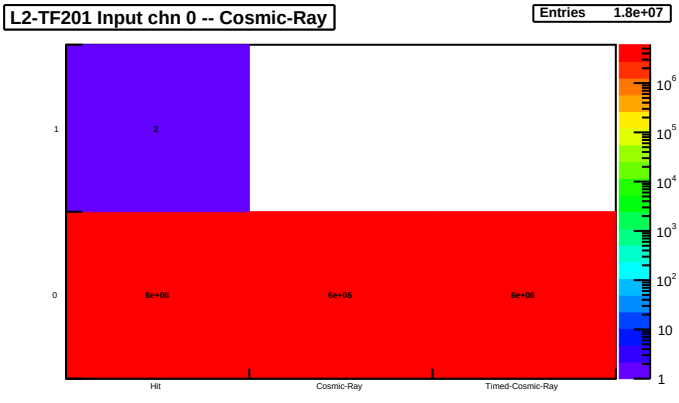

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

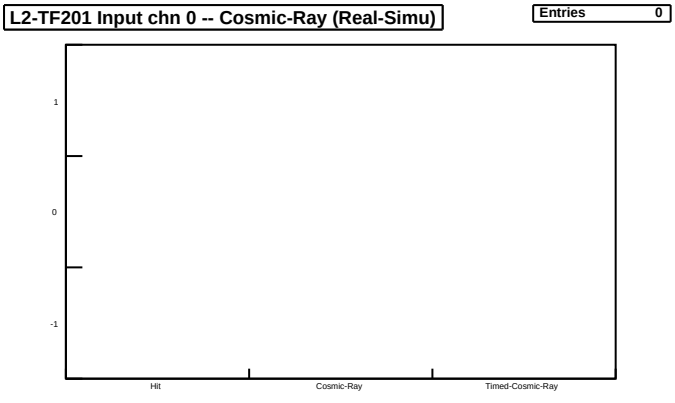

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.799999e+07
Fired
1.50202e+06
1.17141e+06
3.0988e+06
2.75785e+06
2.13849e+06
2.10022e+06
1.7869e+06
1.88833e+06
4.49798e+06
4.82859e+06
2.9012e+06
3.24214e+06
3.86151e+06
3.89978e+06
4.2131e+06
4.11167e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

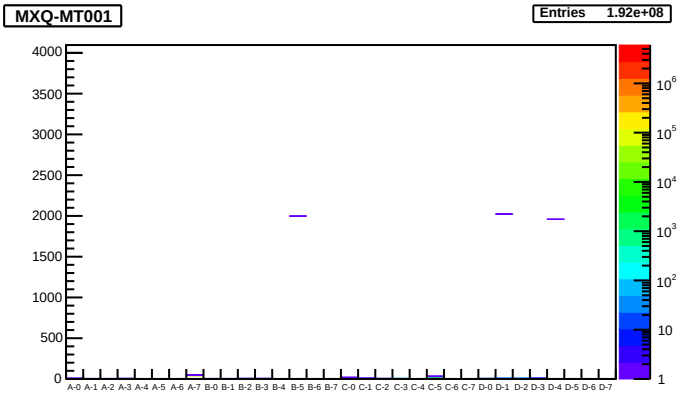

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

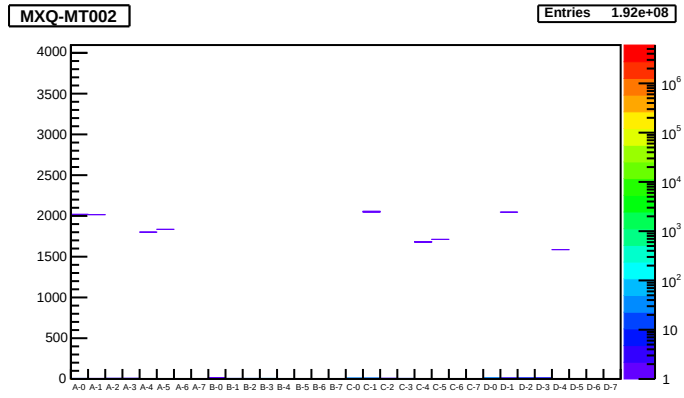

L2-TF201 Input chn 0 -- Number of Muons
Entries5999999
Number of Muons

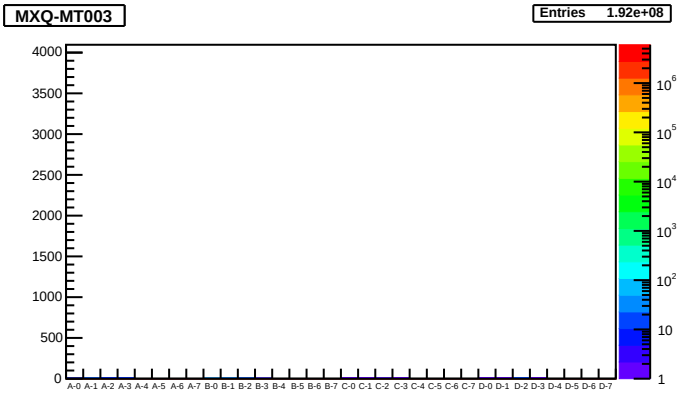

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

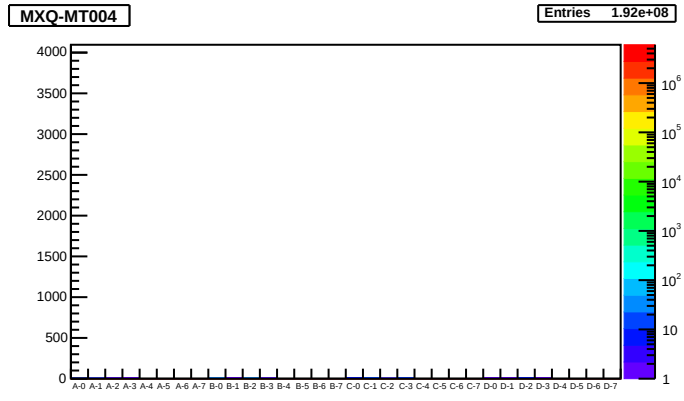

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.8e+07
2
6e+06
6e+06
6e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

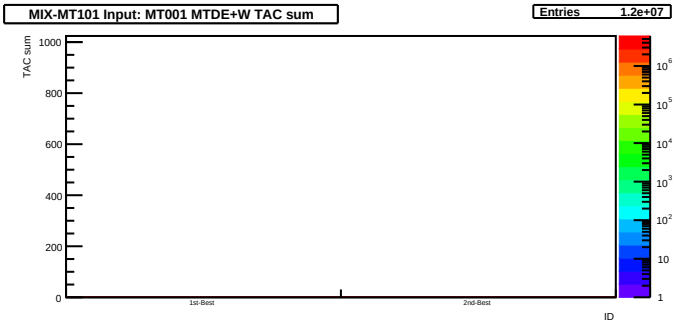

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

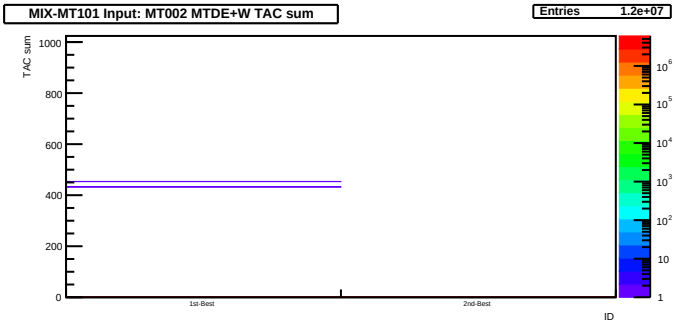

MXQ-MT001
Entries 1.92e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

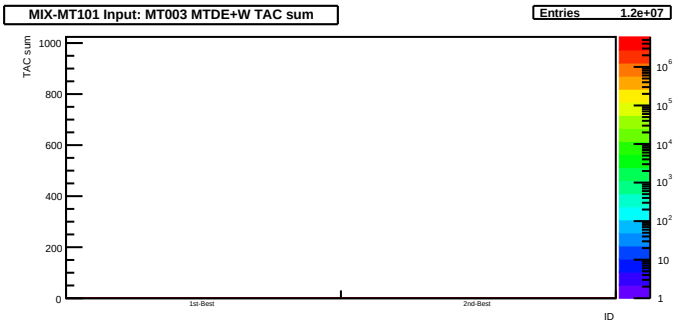

MXQ-MT002
Entries 1.92e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

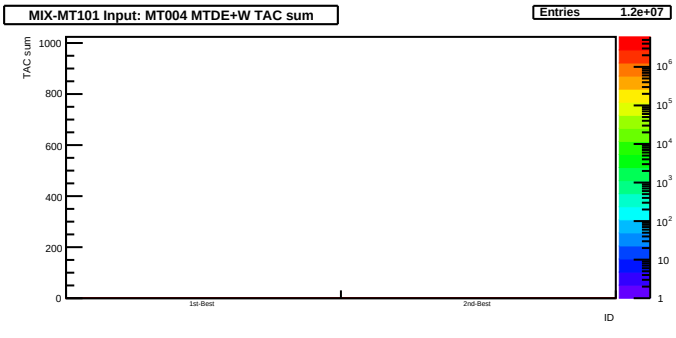

MXQ-MT003
Entries 1.92e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

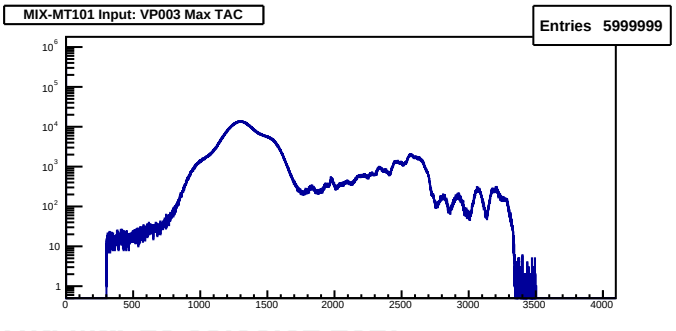

MXQ-MT004
Entries 1.92e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

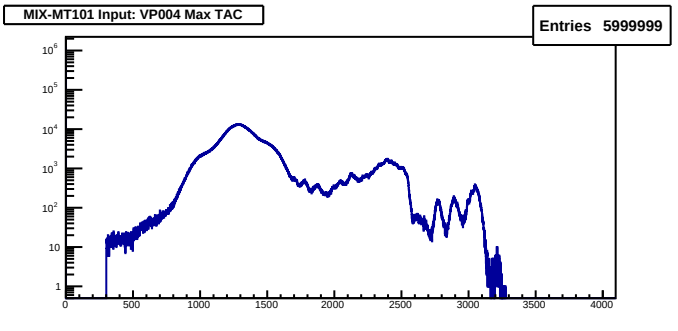

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.2e+07
TAC sum
1st-Best
2nd-Best
ID

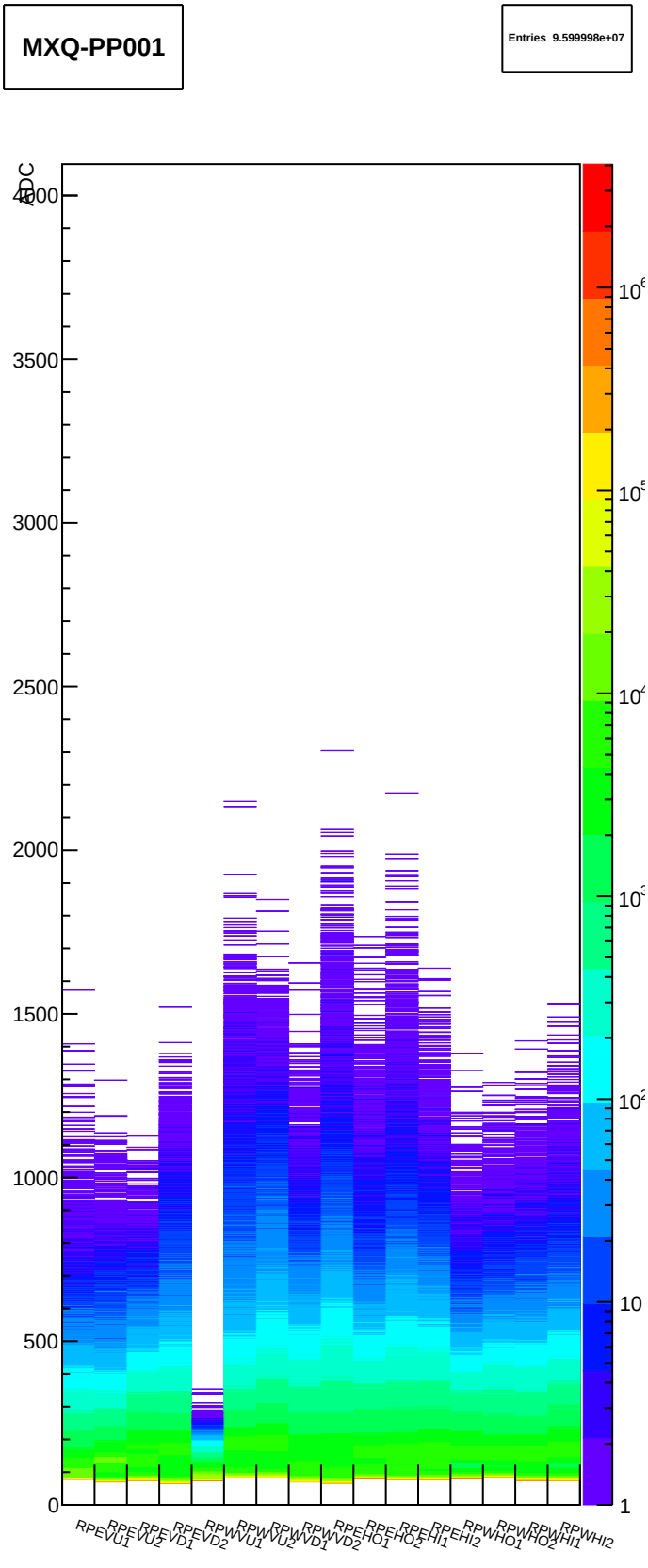

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.2e+07
TAC sum
1st-Best
2nd-Best
ID

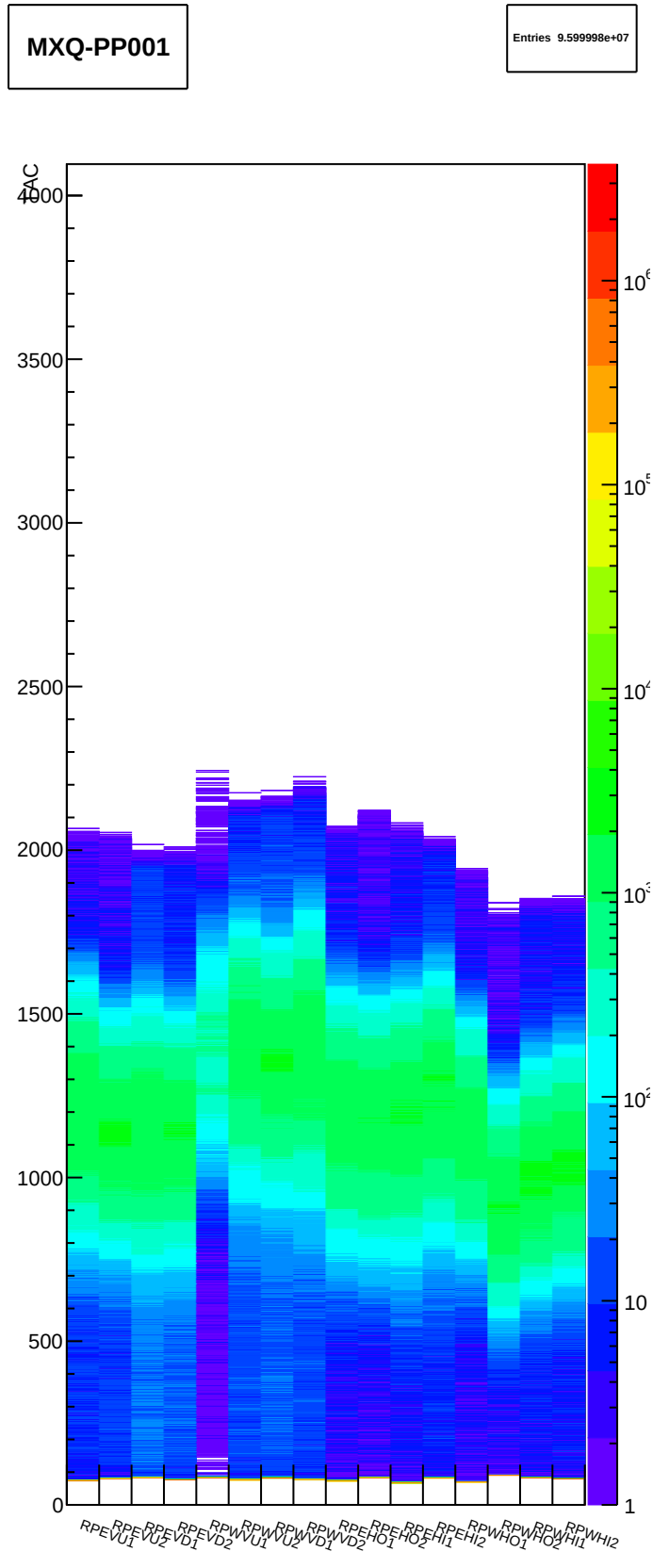

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.2e+07
TAC sum
1st-Best
2nd-Best
ID

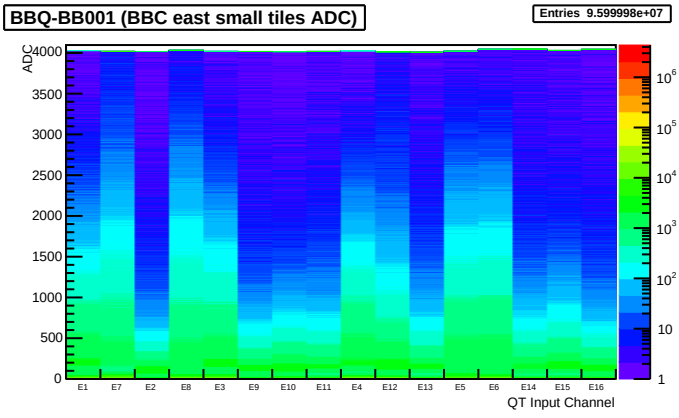

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.2e+07
TAC sum
1st-Best
2nd-Best
ID

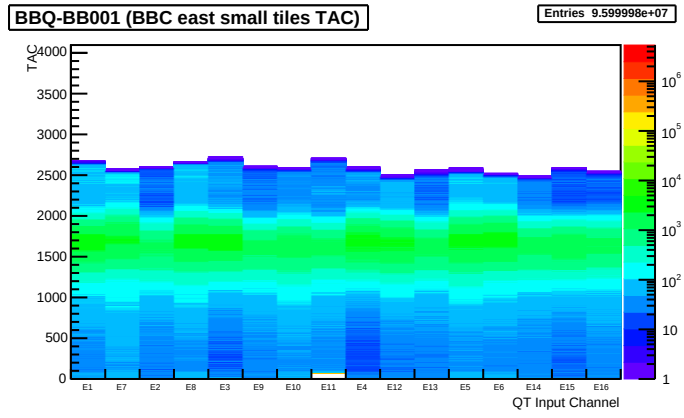

MIX-MT101 Input: VP003 Max TAC
Entries 5999999

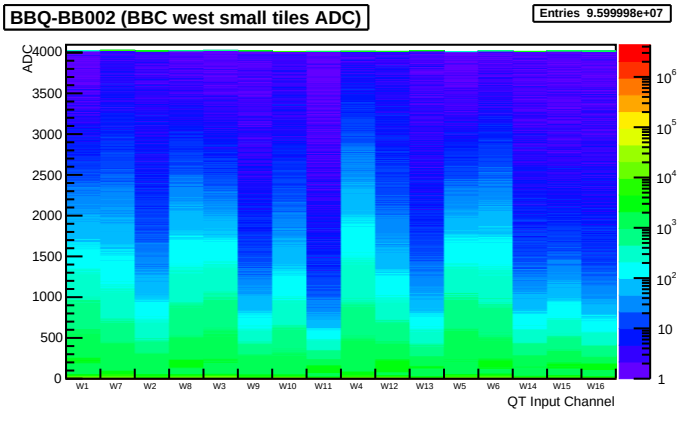

MIX-MT101 Input: VP004 Max TAC
Entries 5999999

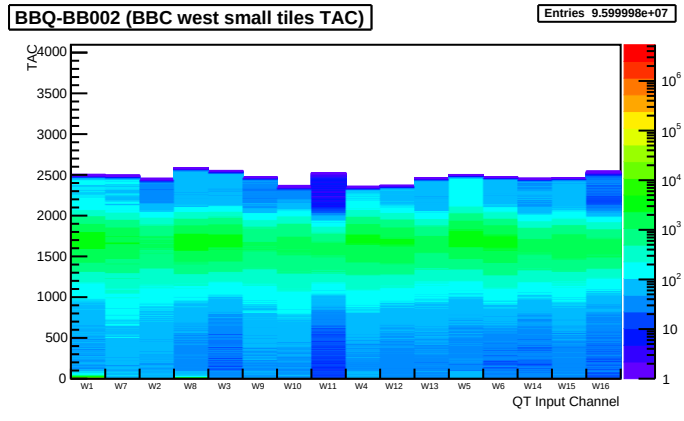

MXQ-PP001
Entries 9.599998e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

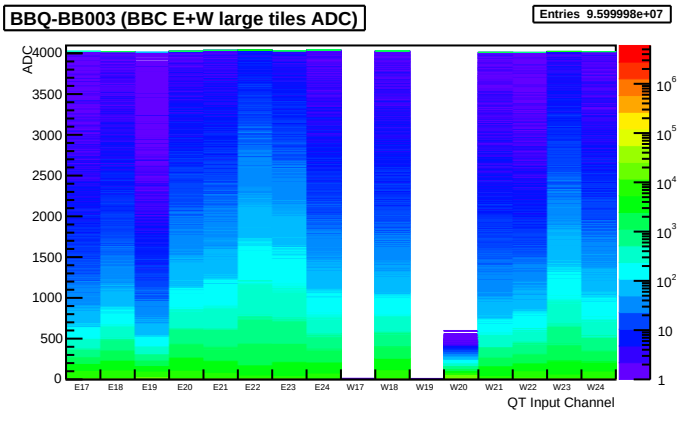

MXQ-PP001
Entries 9.599998e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

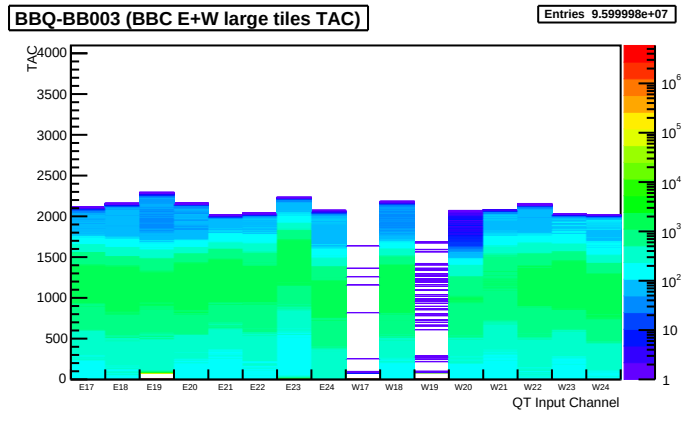

BBQ-BB001 (BBC east small tiles ADC)
Entries 9.599998e+07
ADC
QT Input Channel

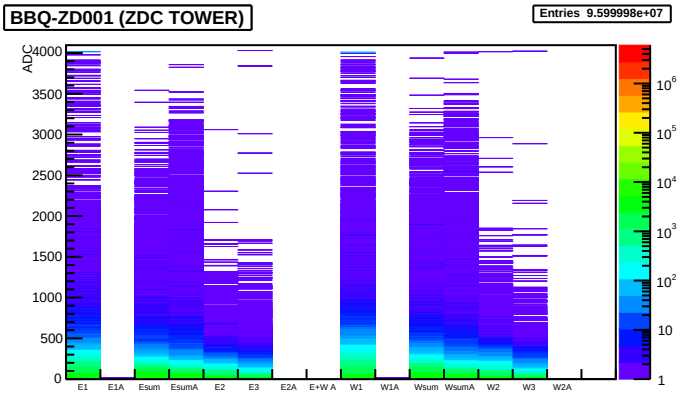

BBQ-BB001 (BBC east small tiles TAC)
Entries 9.599998e+07
TAC
QT Input Channel

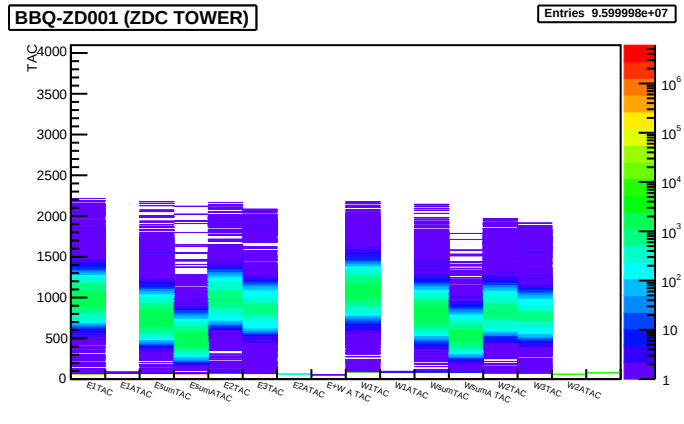

BBQ-BB002 (BBC west small tiles ADC)
Entries 9.599998e+07
ADC
QT Input Channel

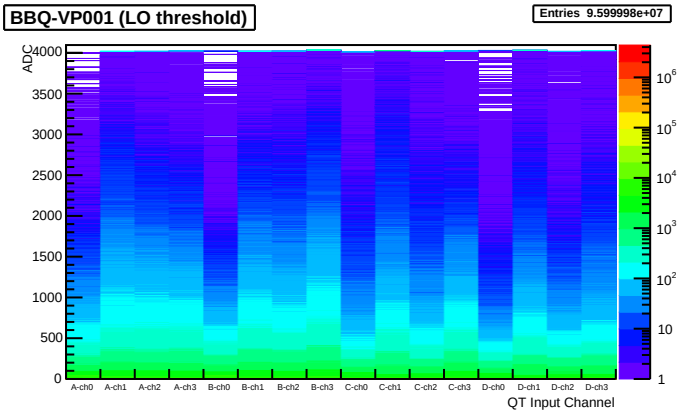

BBQ-BB002 (BBC west small tiles TAC)
Entries 9.599998e+07
TAC
QT Input Channel

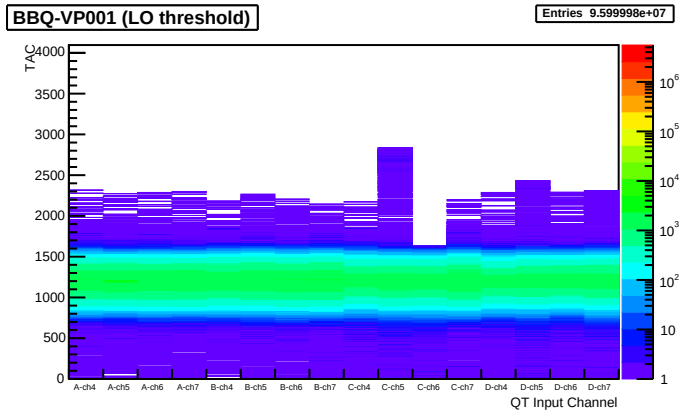

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.599998e+07
ADC
QT Input Channel

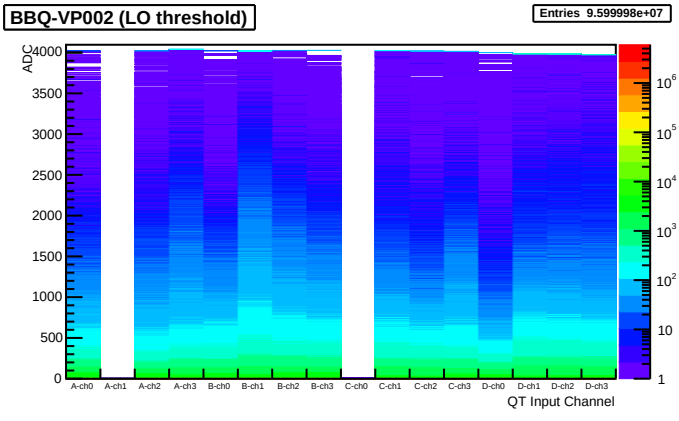

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.599998e+07
TAC
QT Input Channel

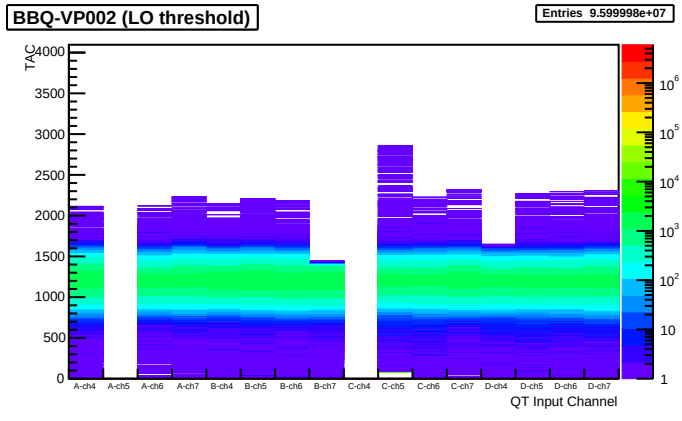

BBQ-ZD001 (ZDC TOWER)
Entries 9.599998e+07
ADC

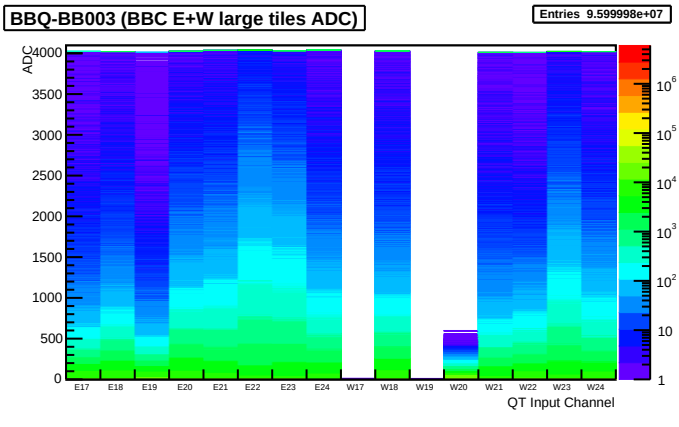

BBQ-ZD001 (ZDC TOWER)
Entries 9.599998e+07
TAC

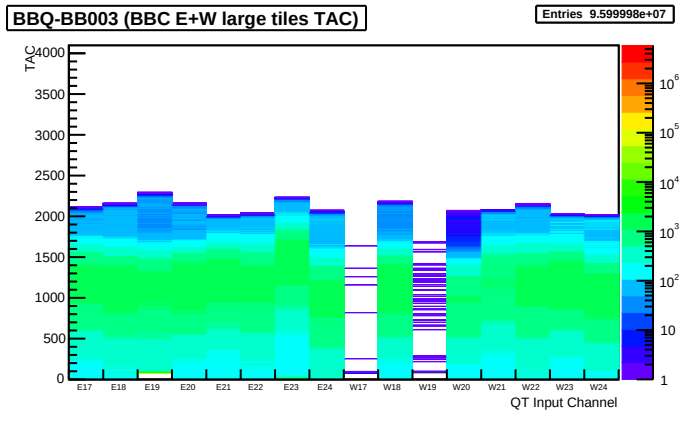

BBQ-VP001 (LO threshold)
Entries 9.599998e+07
ADC
QT Input Channel

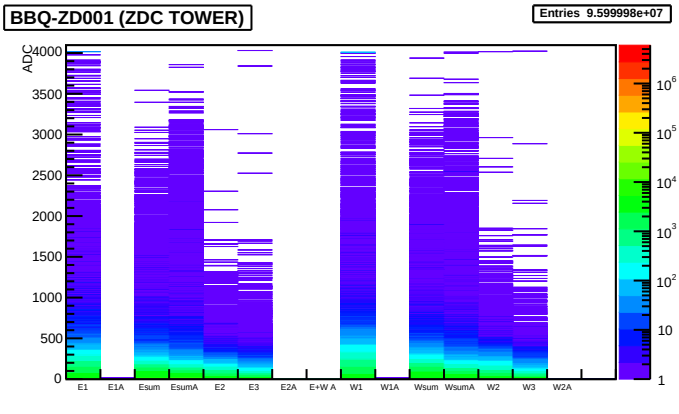

BBQ-VP001 (LO threshold)
Entries 9.599998e+07
TAC
QT Input Channel

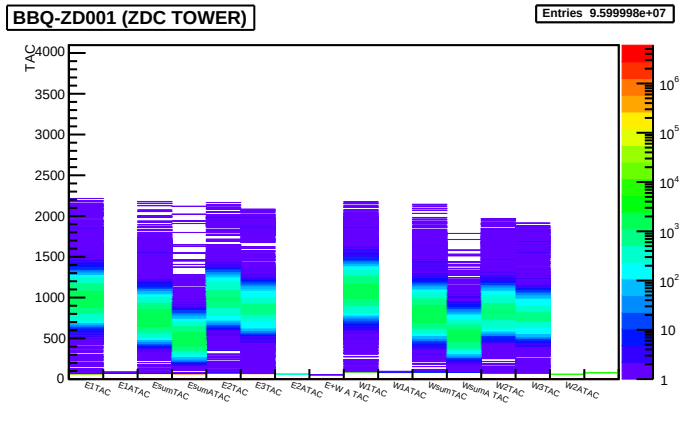

BBQ-VP002 (LO threshold)
Entries 9.599998e+07
ADC
QT Input Channel

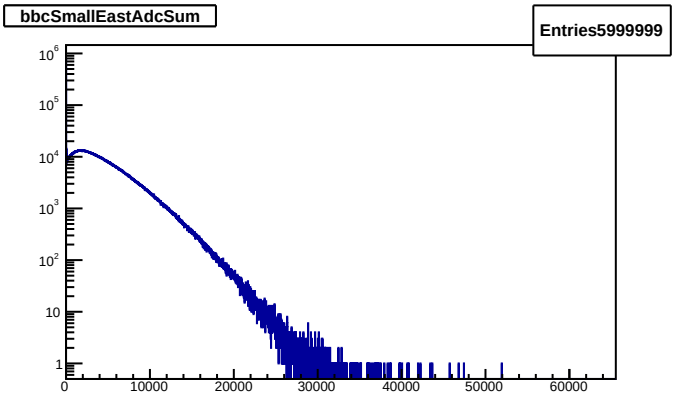

BBQ-VP002 (LO threshold)
Entries 9.599998e+07
TAC
QT Input Channel

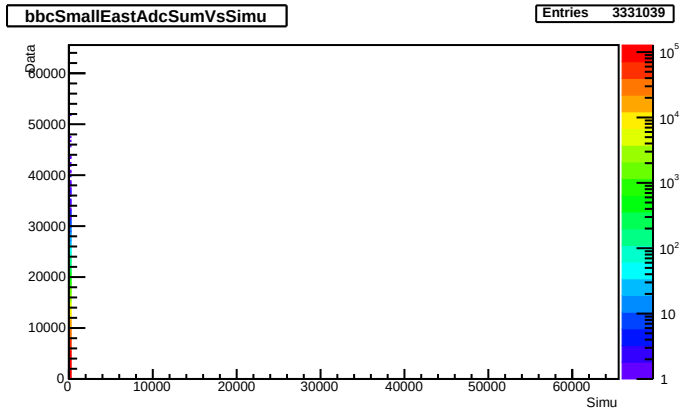

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.599998e+07
ADC
QT Input Channel

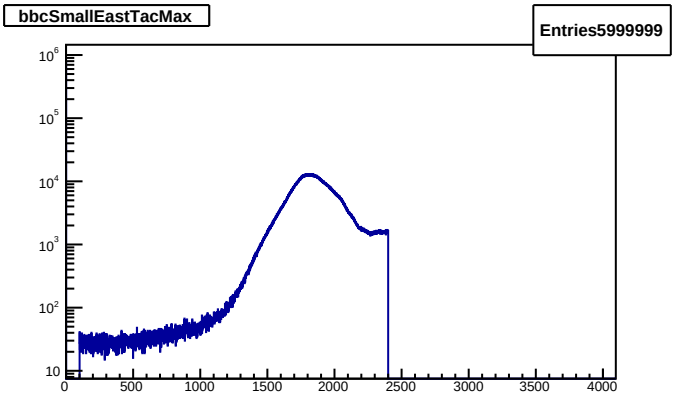

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.599998e+07
TAC
QT Input Channel

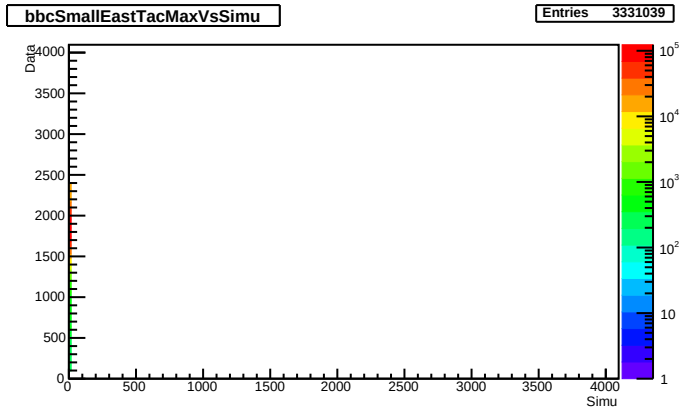

BBQ-ZD001 (ZDC TOWER)
Entries 9.599998e+07
ADC

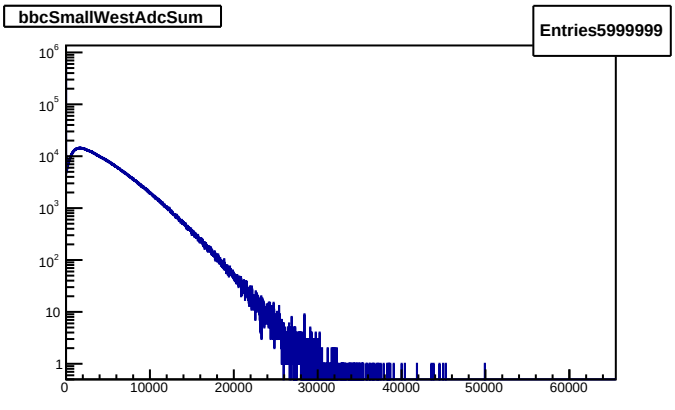

BBQ-ZD001 (ZDC TOWER)
Entries 9.599998e+07
TAC

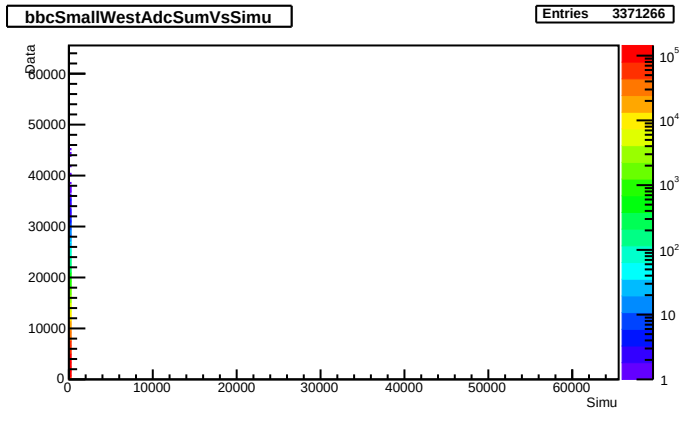

bbcSmallEastAdcSum
Entries5999999

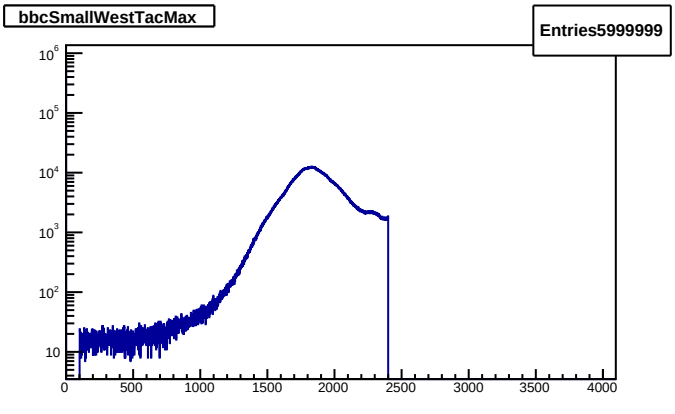

bbcSmallEastAdcSumVsSimu
Entries 3331039
Data
Simu

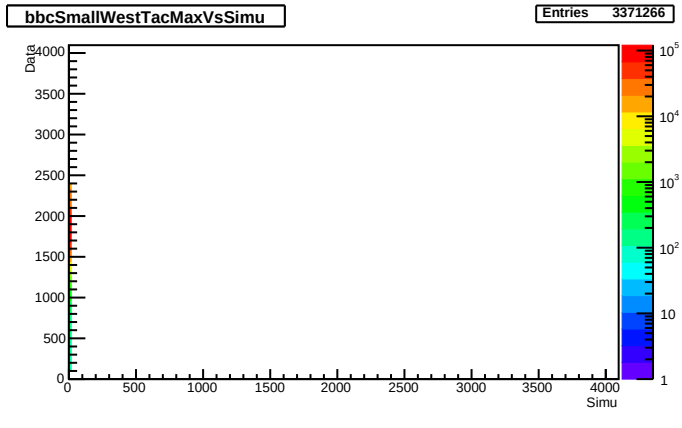

bbcSmallEastTacMax
Entries5999999

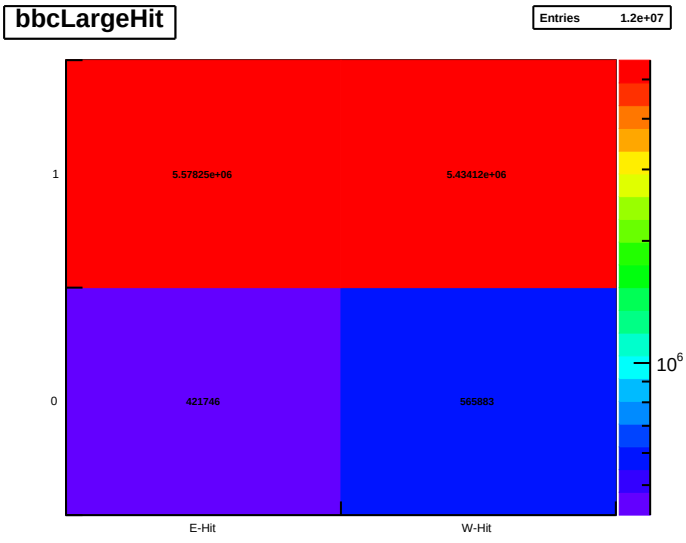

bbcSmallEastTacMaxVsSimu
Entries 3331039
Data
Simu

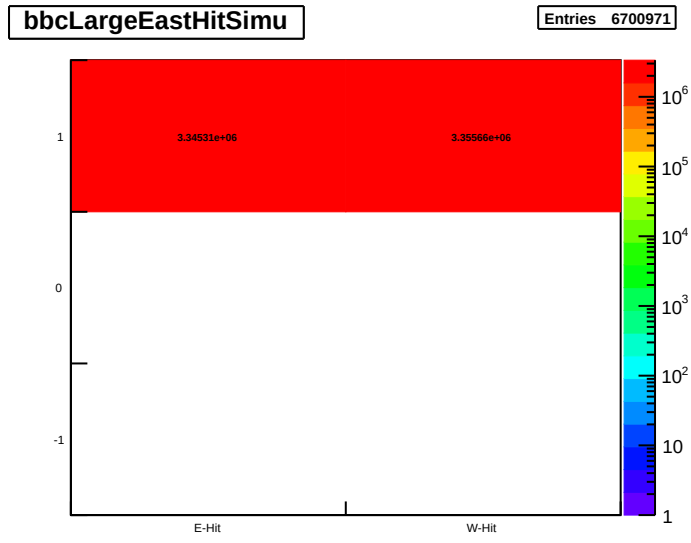

bbcSmallWestAdcSum
Entries5999999

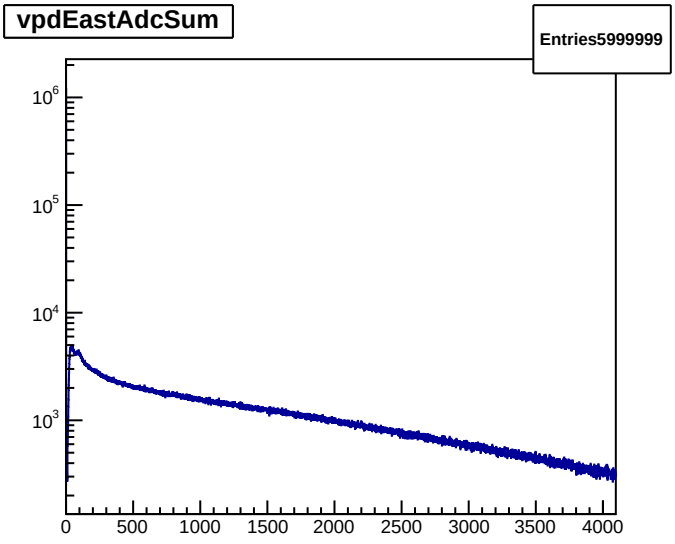

bbcSmallWestAdcSumVsSimu
Entries 3371266
Data
Simu

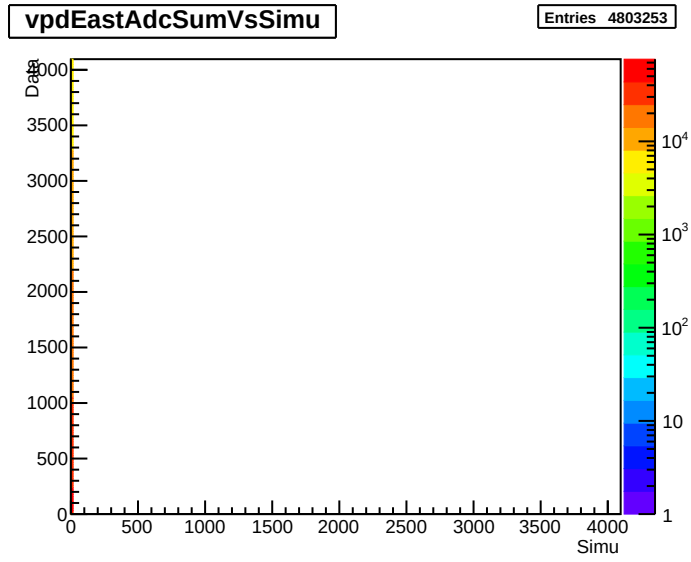

bbcSmallWestTacMax
Entries5999999

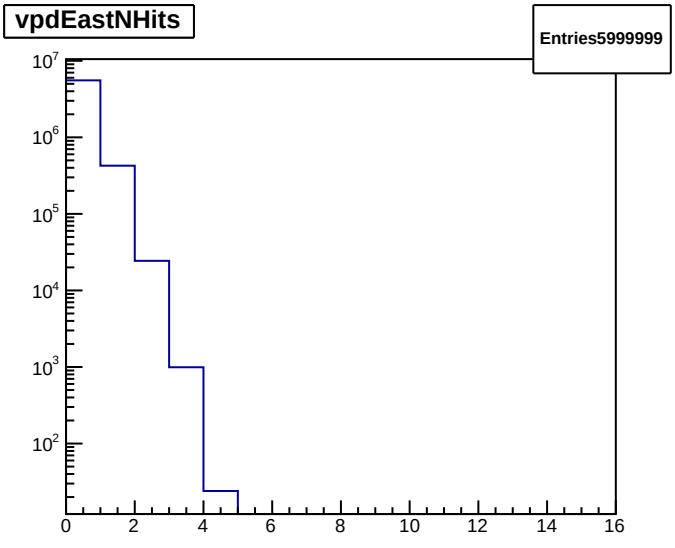

bbcSmallWestTacMaxVsSimu
Entries 3371266
Data
Simu

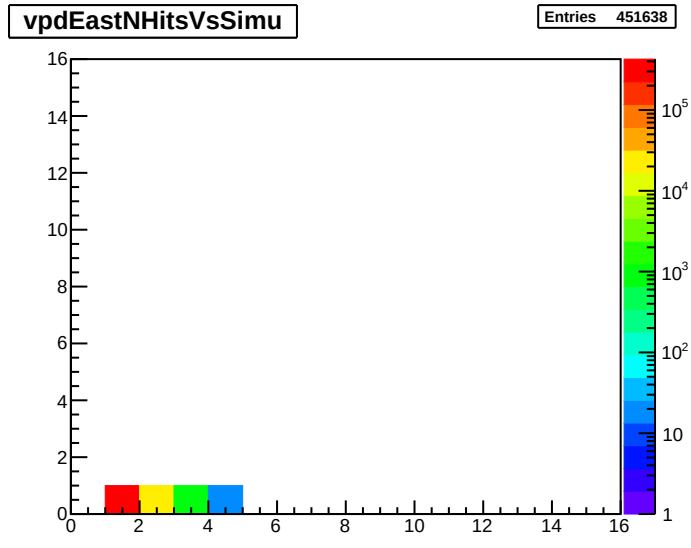

bbcLargeHit
Entries 1.2e+07
5.57825e+06
5.43412e+06
421746
565883
1
0
E-Hit
W-Hit
10^6

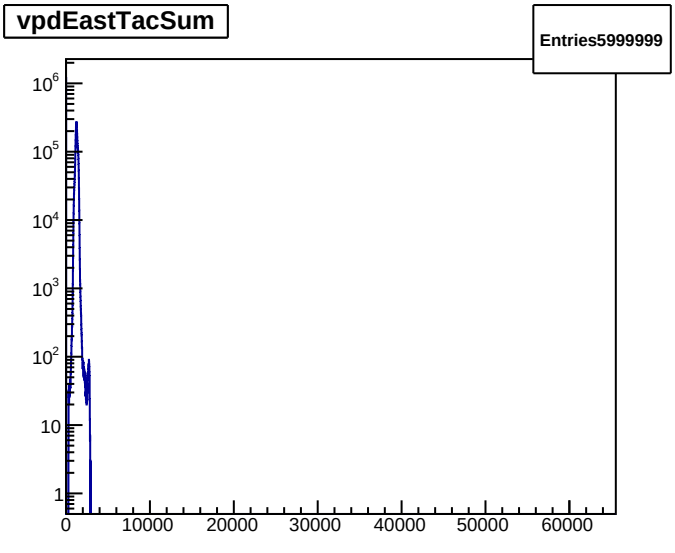

bbcLargeEastHitSimu
Entries 6700971
3.34531e+06
3.35566e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

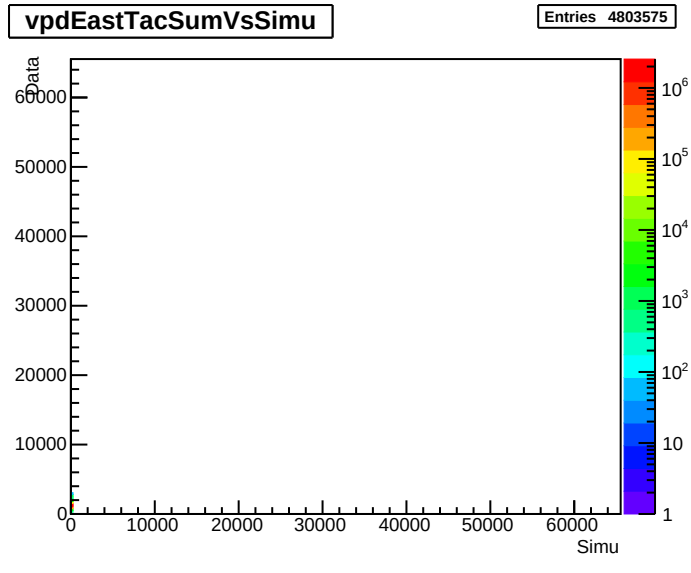

vpdEastAdcSum
Entries5999999

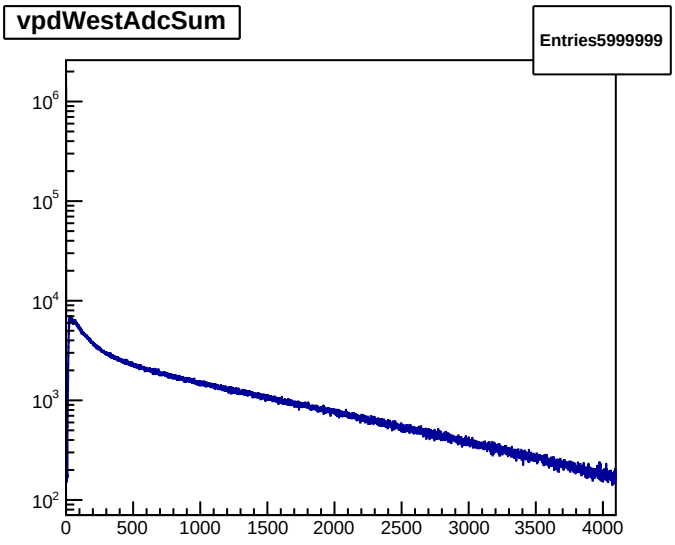

vpdEastAdcSumVsSimu
Entries 4803253
Data
Simu

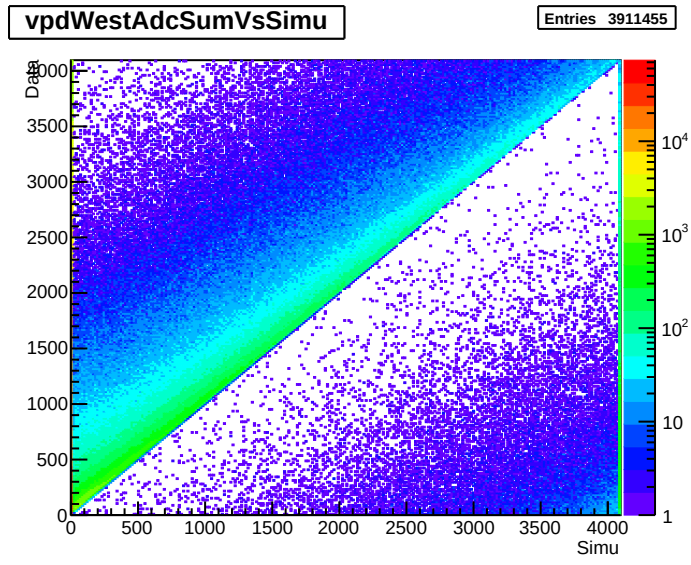

vpdEastNHits
Entries5999999

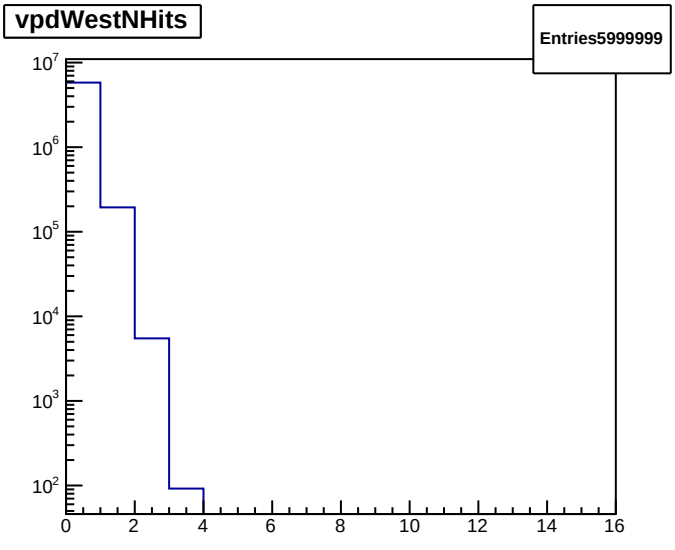

vpdEastNHitsVsSimu
Entries 451638

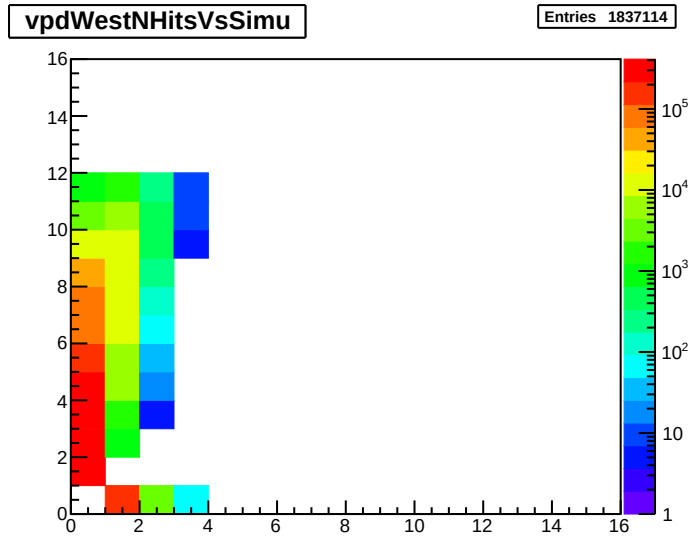

vpdEastTacSum
Entries5999999

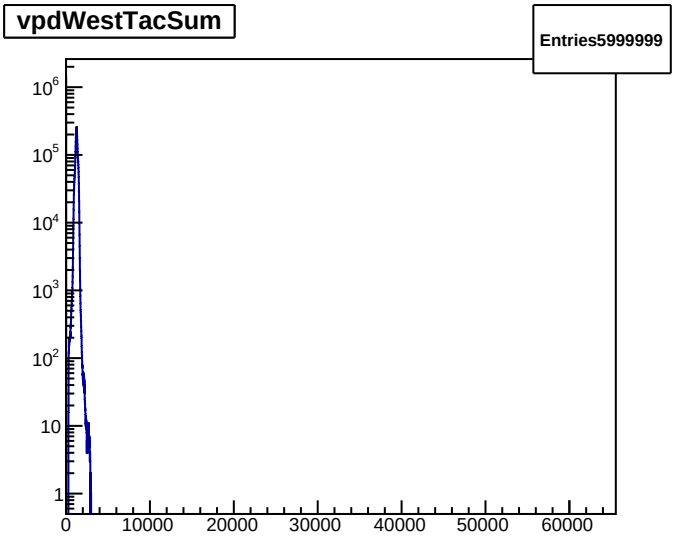

vpdEastTacSumVsSimu
Entries 4803575
Data
Simu

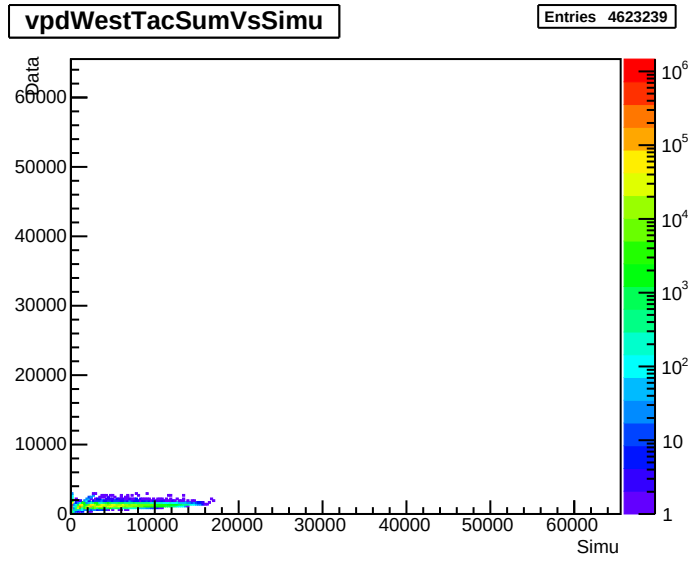

vpdWestAdcSum
Entries5999999

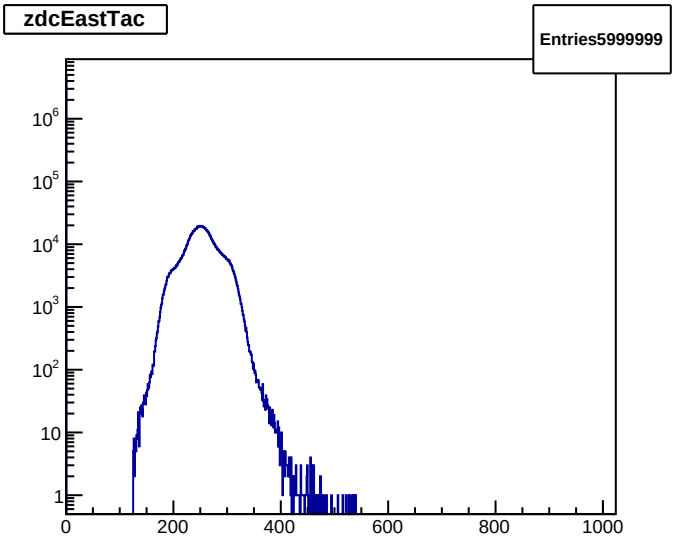

vpdWestAdcSumVsSimu
Entries 3911455
Data
Simu

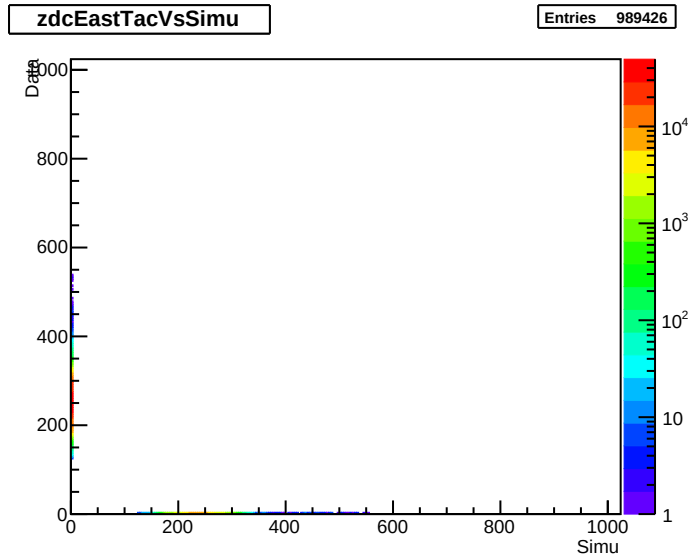

vpdWestNHits
Entries5999999

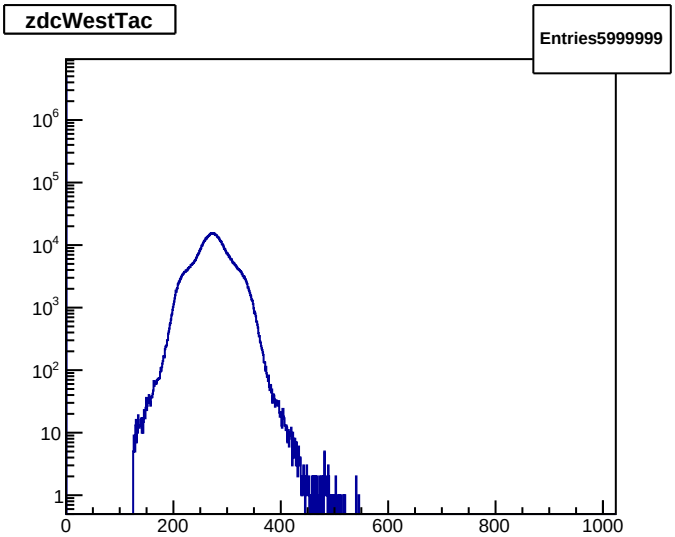

vpdWestNHitsVsSimu
Entries 1837114

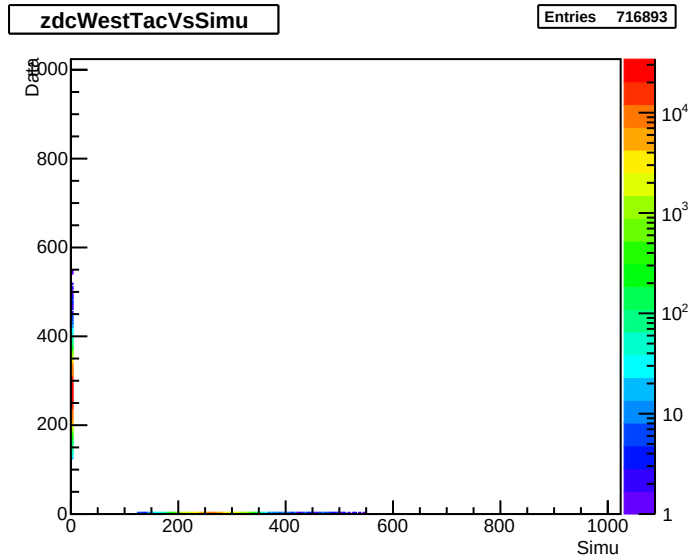

vpdWestTacSum
Entries5999999

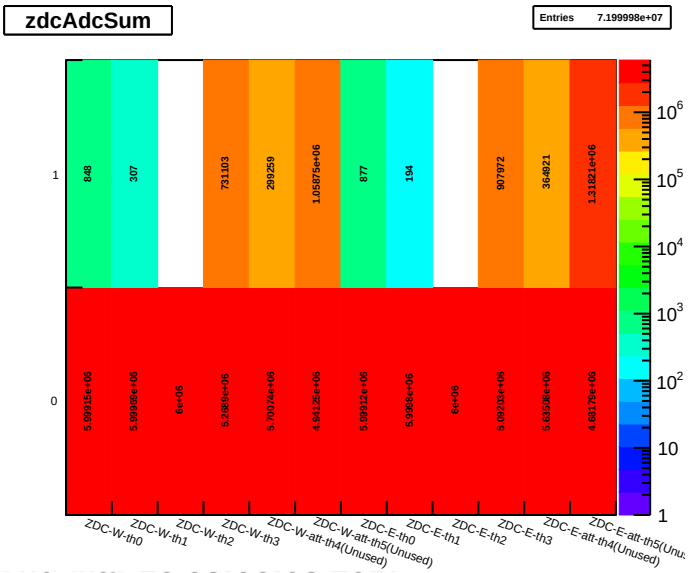

vpdWestTacSumVsSimu
Entries 4623239
Data
Simu

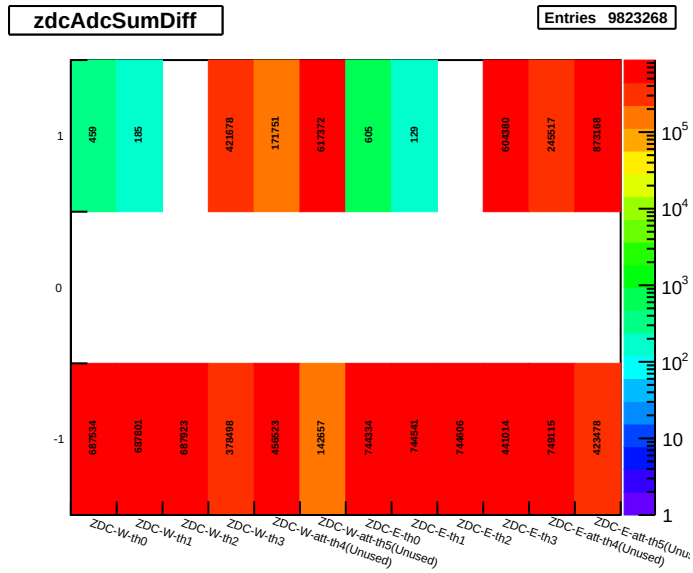

zdcEastTac
Entries5999999

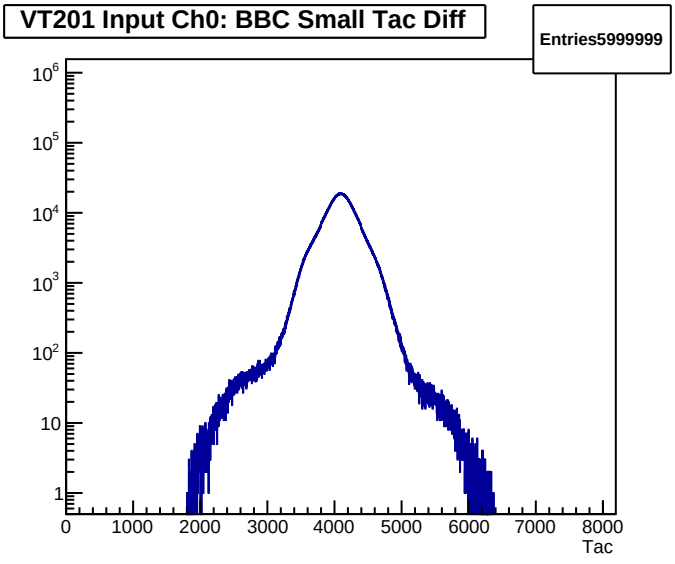

zdcEastTacVsSimu
Entries 989426
Data
Simu

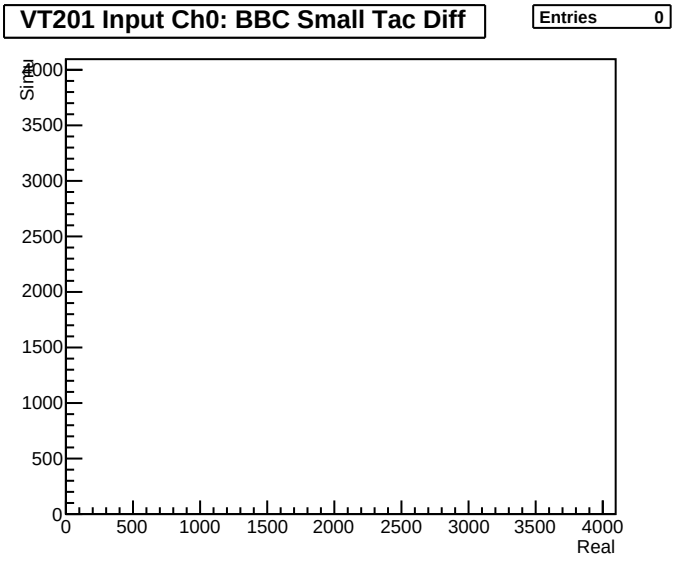

zdcWestTac
Entries5999999

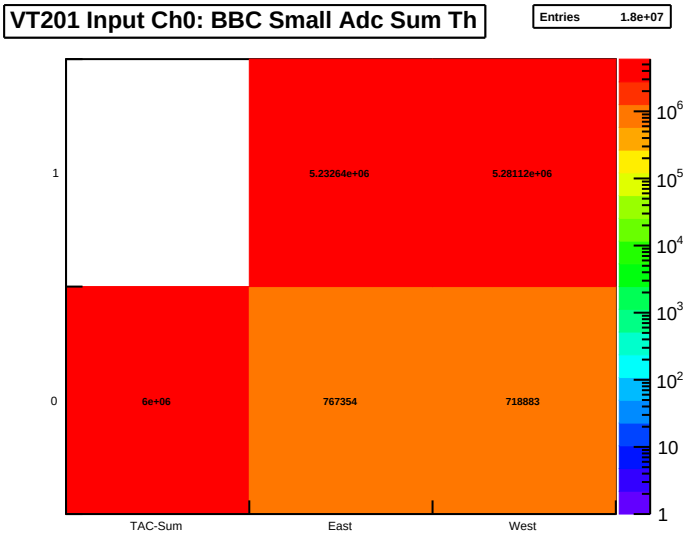

zdcWestTacVsSimu
Entries 716893
Data
Simu

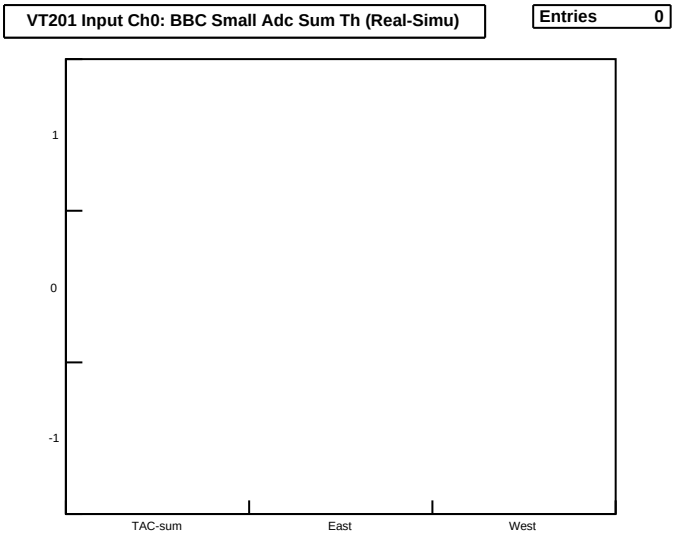

zdcAdcSum
Entries 7.199998e+07
848
307
731103
299259
1.05875e+06
877
194
907972
364921
1.31821e+06
5.99915e+06
5.99969e+05
6e+06
5.2689e+06
5.70074e+06
4.94125e+06
5.99912e+06
5.9998e+06
6e+06
5.08203e+06
5.63508e+06
4.68179e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

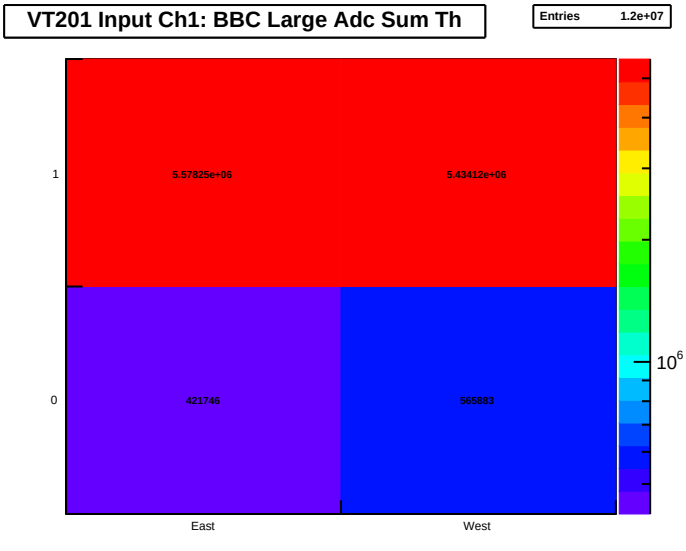

zdcAdcSumDiff
Entries 9823268
459
185
421678
171751
617372
605
129
604380
245517
873168
687534
687801
687923
379498
456523
142657
744334
744541
744606
441014
749115
423478
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

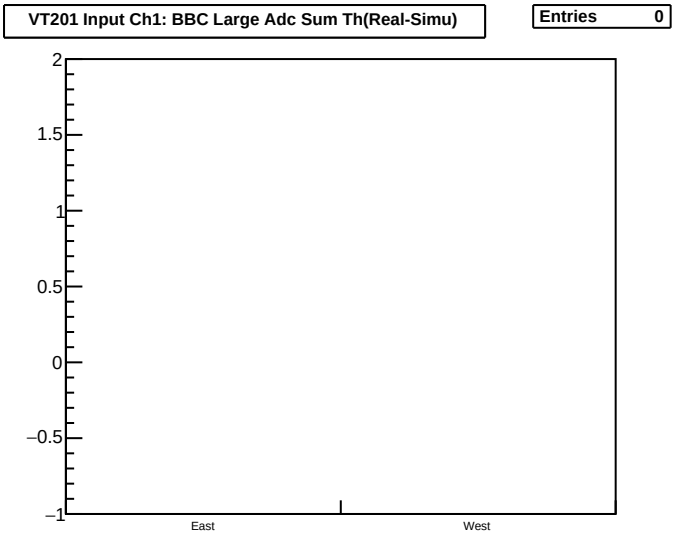

VT201 Input Ch0: BBC Small Tac Diff
Entries5999999
Tac


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

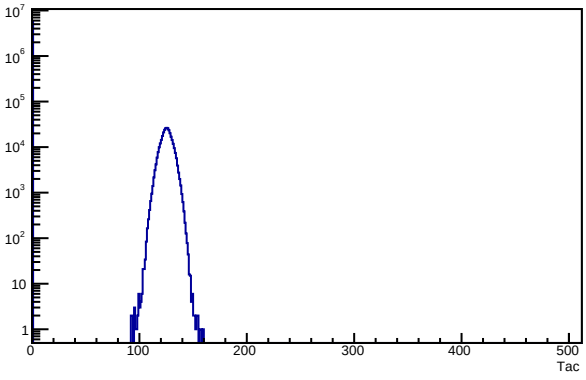

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.8e+07
5.23264e+06
5.28112e+06
6e+06
767354
718883
TAC-Sum
East
West


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

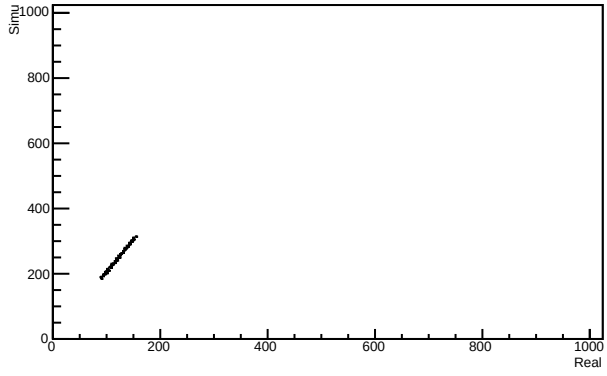

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.2e+07
5.57825e+06
5.43412e+06
421746
565883
East
West


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

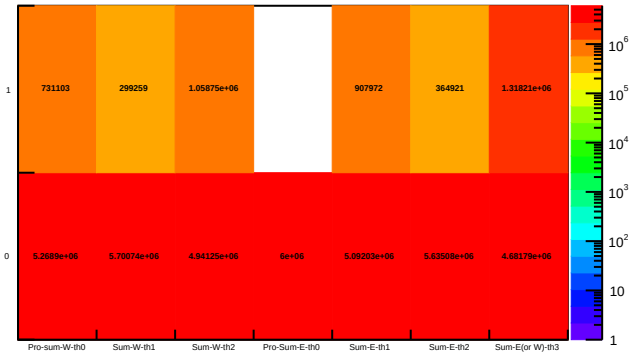
VT201 Input Ch2: ZDC Tac Diff



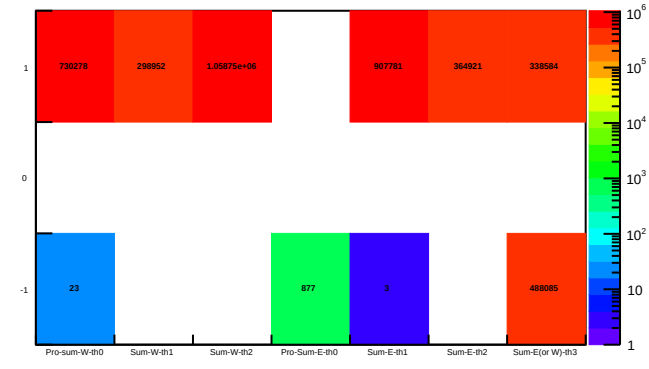
VT201 Input Ch2: ZDC Tac Diff



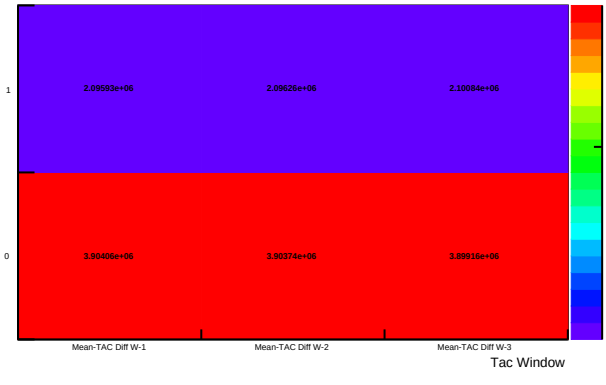
VT201 Input Ch2: ZDC Adc Sum Th



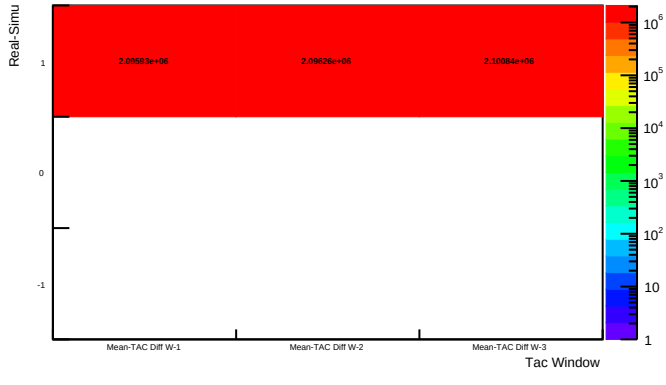
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



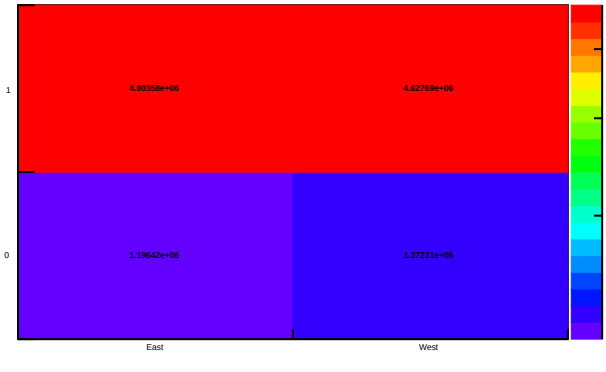
VT201 Input Ch4: VPD Tac Diff



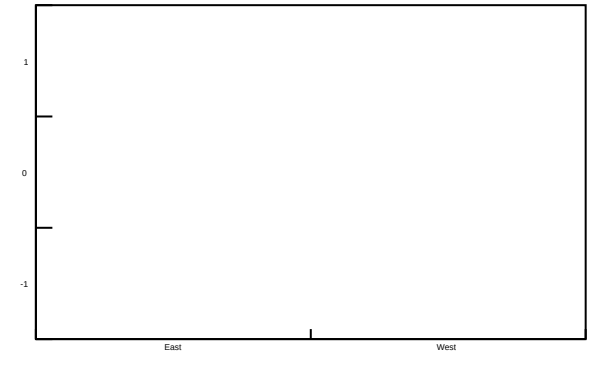
VT201 Input Ch4: VPD Tac Diff

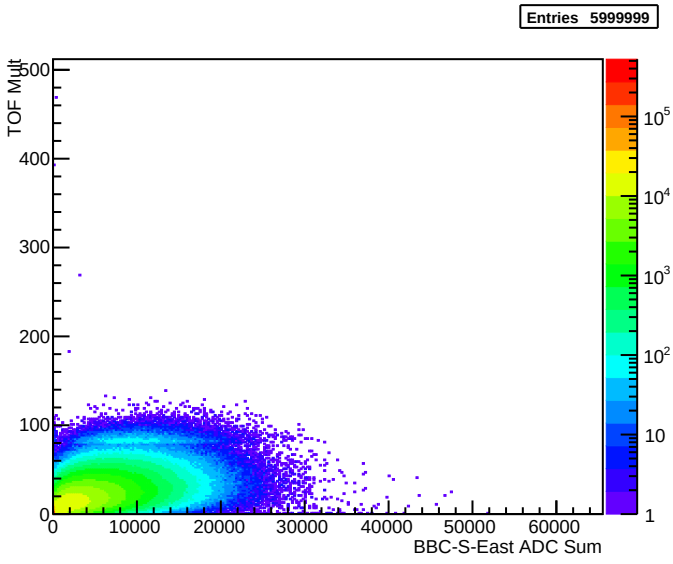


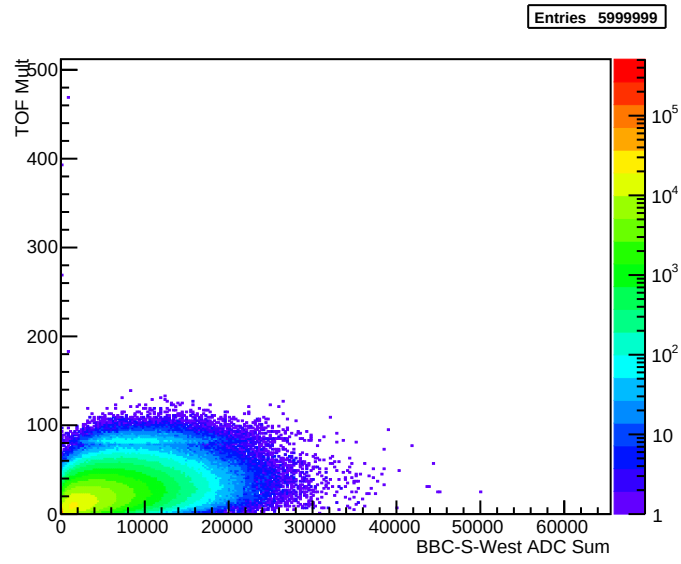
VT201 Input Ch4: VPD Adc Sum Th

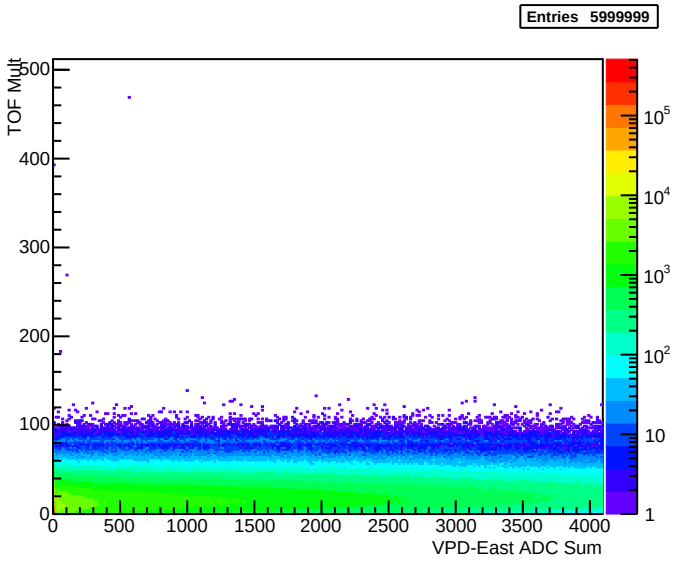


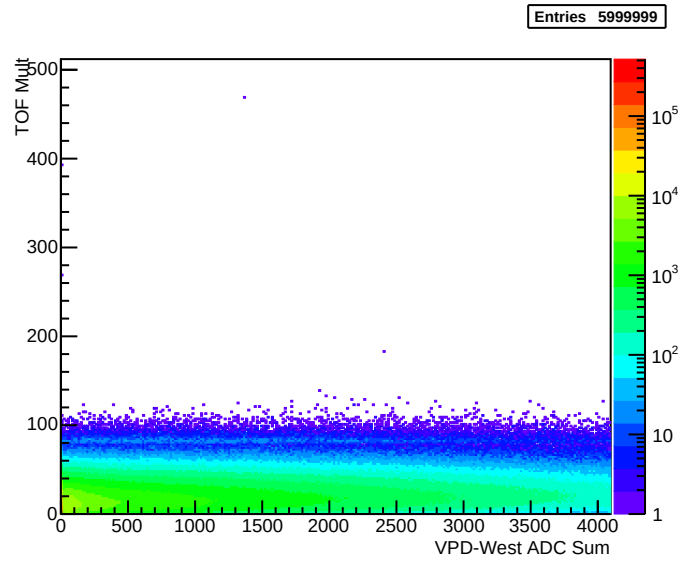
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

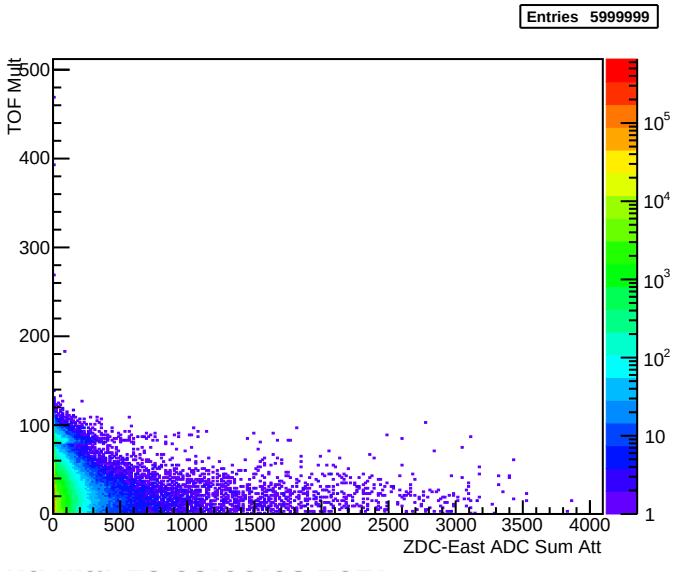


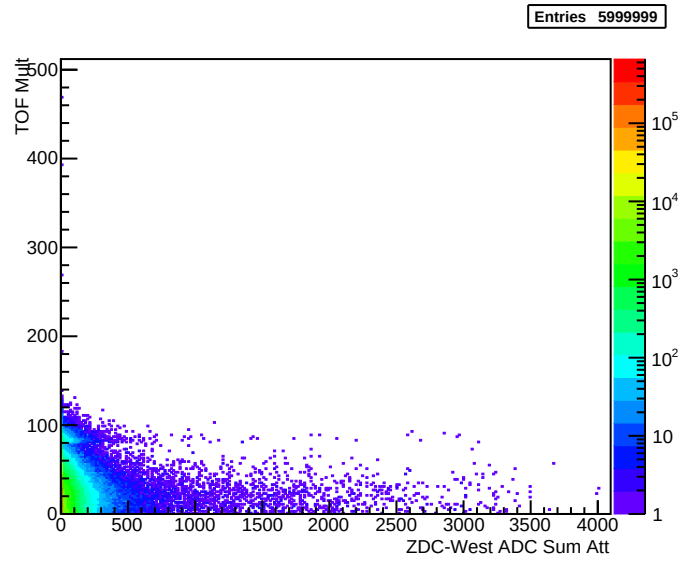

Entries 5999999
TOF Mult
BBC-S-East ADC Sum

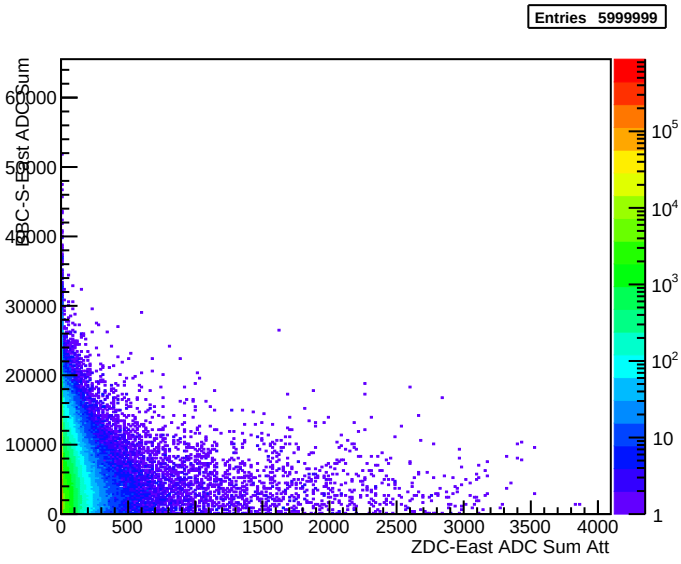

Entries 5999999
TOF Mult
BBC-S-West ADC Sum

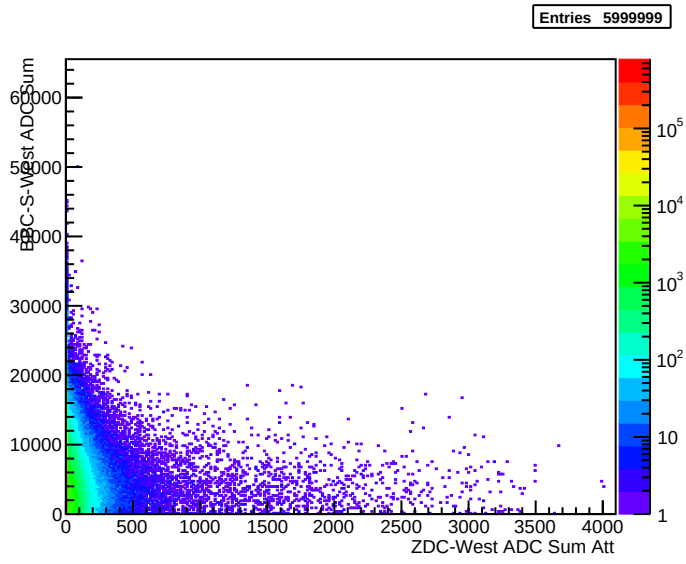

Entries 5999999
TOF Mult
VPD-East ADC Sum

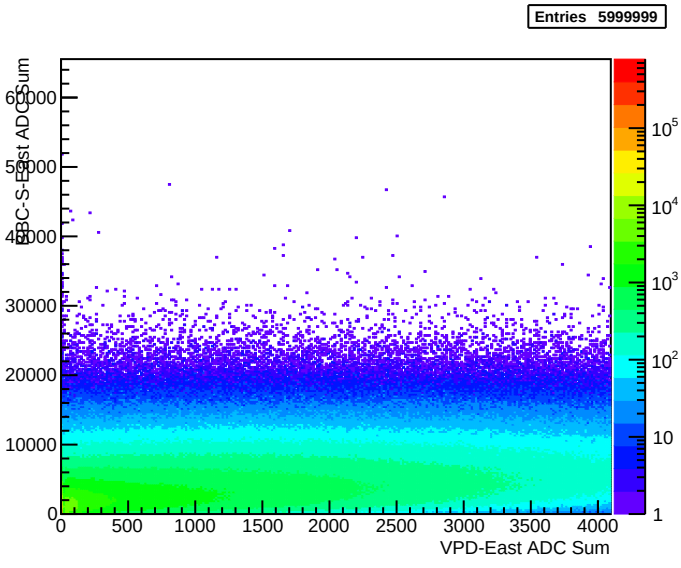

Entries 5999999
TOF Mult
VPD-West ADC Sum

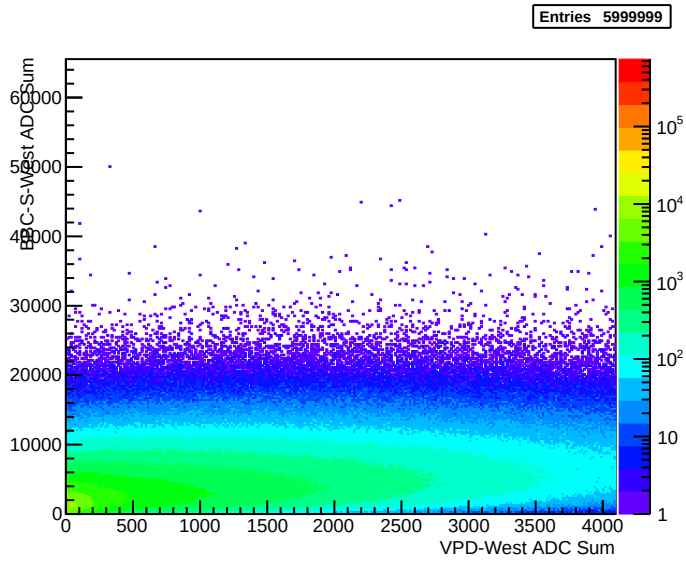

Entries 5999999
TOF Mult
ZDC-East ADC Sum Att

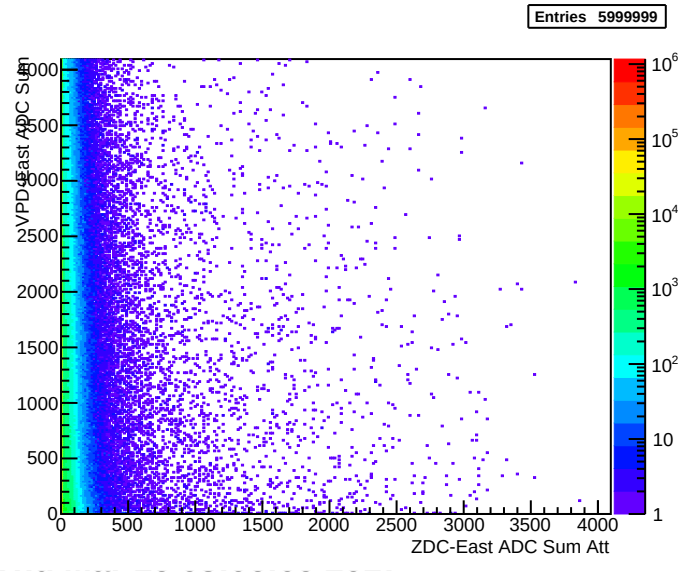

Entries 5999999
TOF Mult
ZDC-West ADC Sum Att

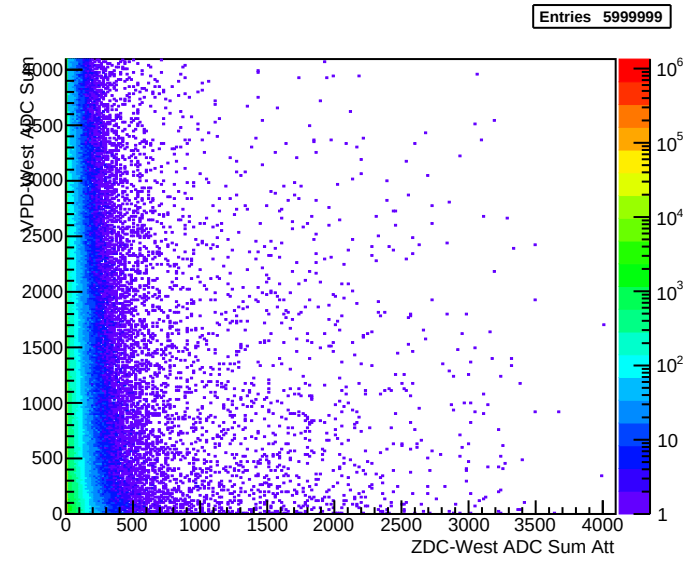

Entries 5999999
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

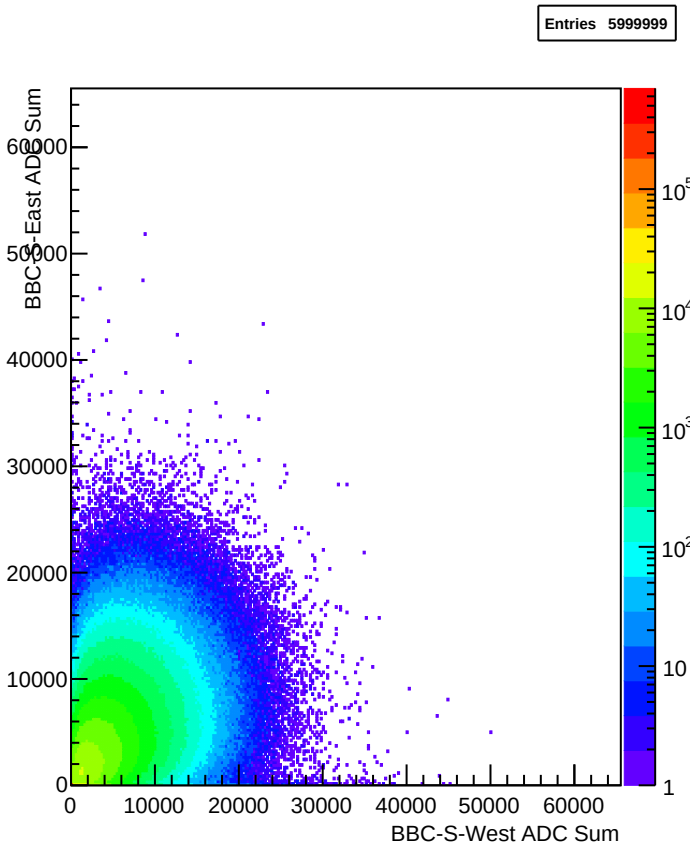

Entries 5999999
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

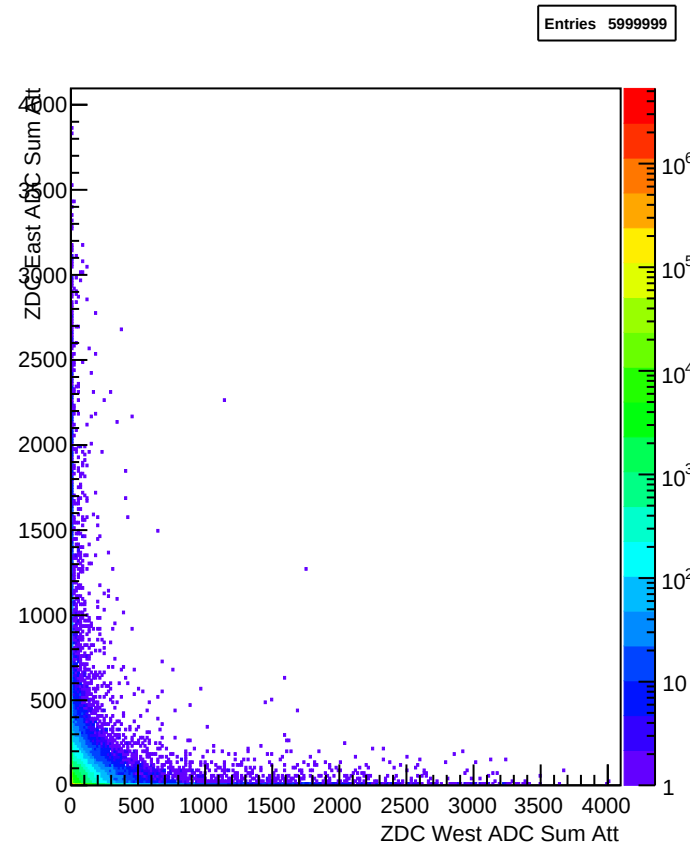

Entries 5999999
BBC-S-East ADC Sum
VPD-East ADC Sum

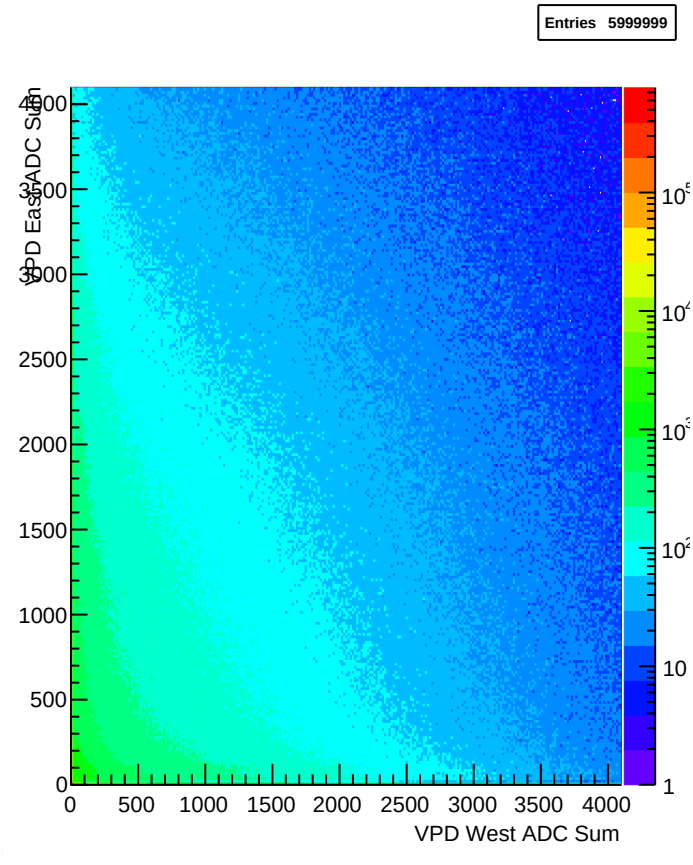

Entries 5999999
BBC-S-West ADC Sum
VPD-West ADC Sum

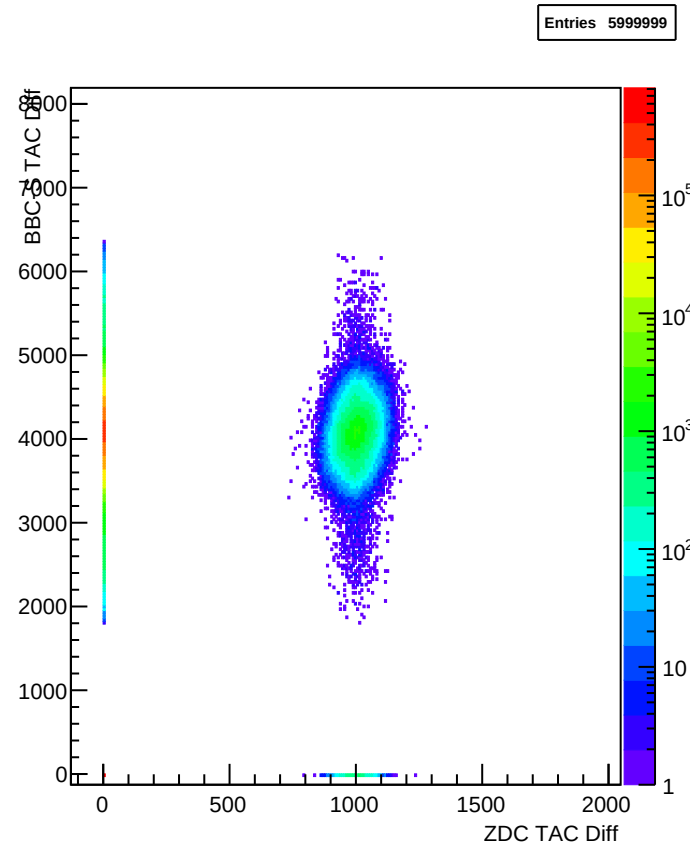

Entries 5999999
VPD-East ADC Sum
ZDC-East ADC Sum Att

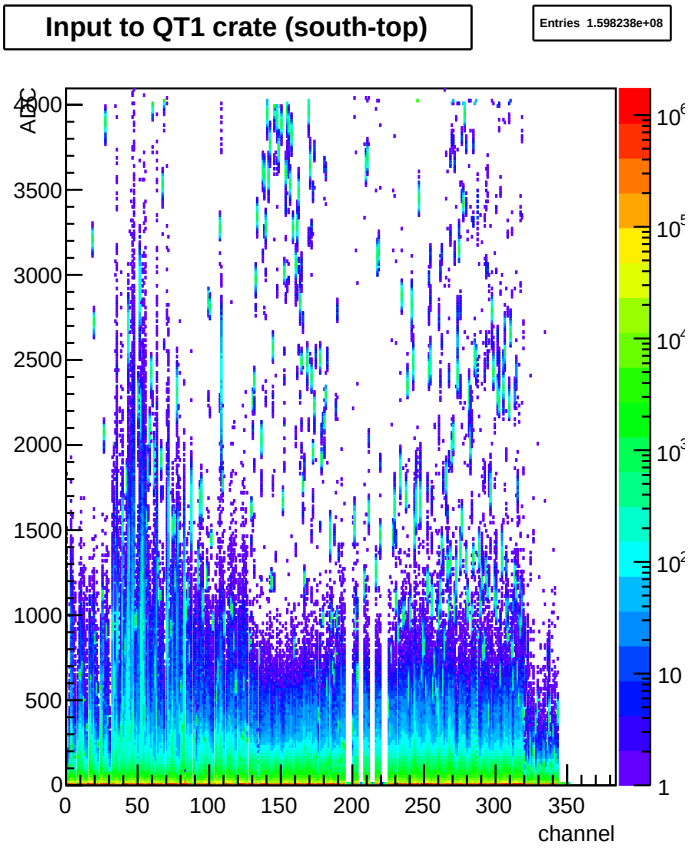

Entries 5999999
VPD-West ADC Sum
ZDC-West ADC Sum Att

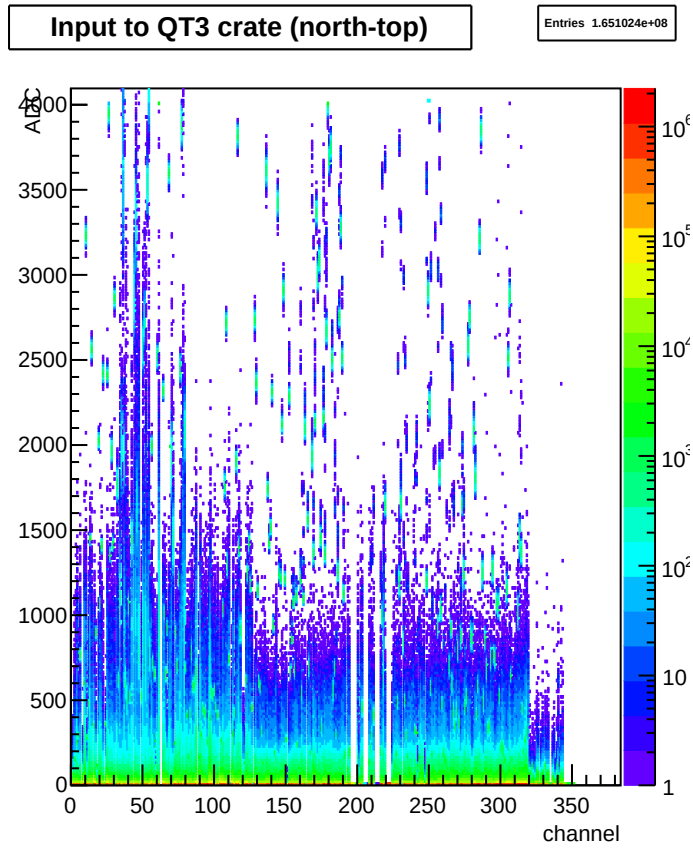

Entries 5999999
BBC-S-East ADC Sum
BBC-S-West ADC Sum

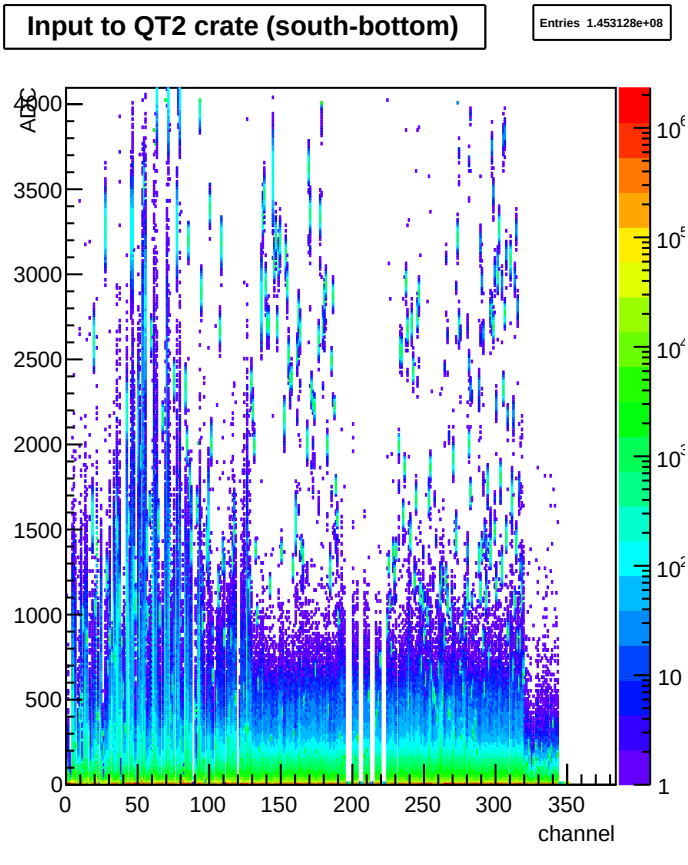

Entries 5999999
ZDC East ADC Sum Att
ZDC West ADC Sum Att

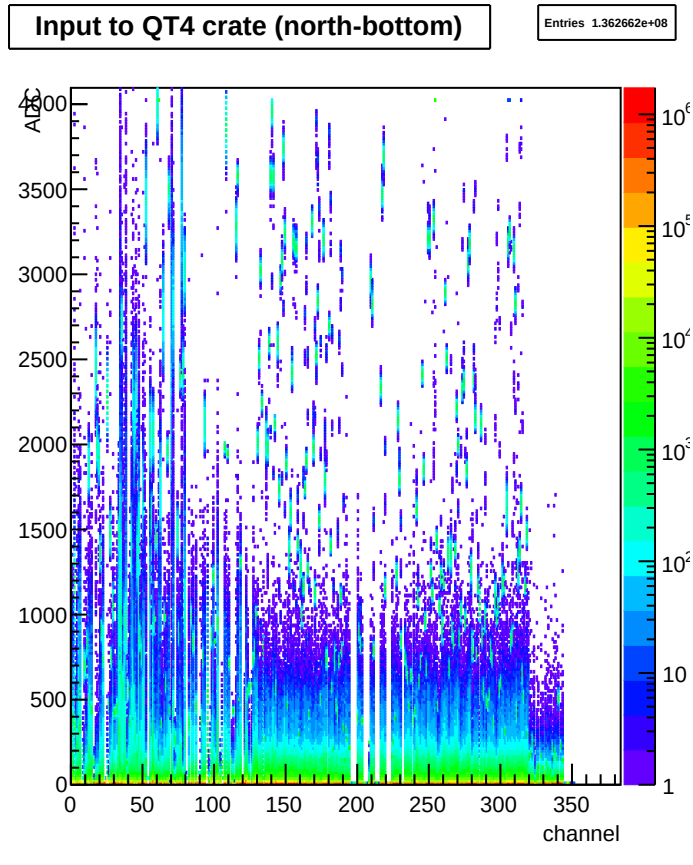

Entries 5999999
VPD East ADC Sum
VPD West ADC Sum

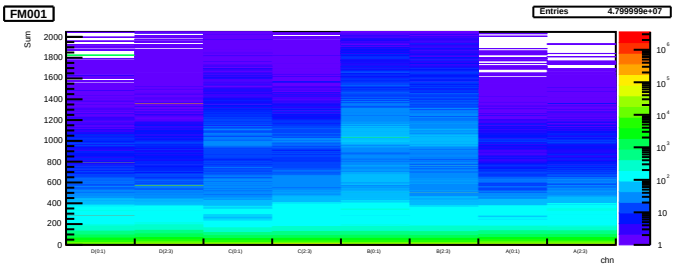

Entries 5999999
BBC-S TAC Diff
ZDC TAC Diff

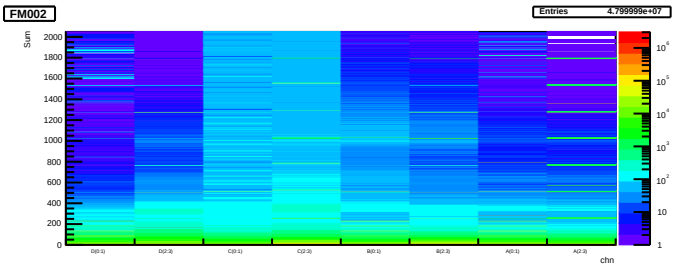

Input to QT1 crate (south-top)
Entries 1.598238e+08
ADC
channel


Input to QT3 crate (north-top)
Entries 1.651024e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 1.453128e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.362662e+08
ADC
channel


FM001
Entries 4.799999e+07
Sum
chn


FM002
Entries 4.799999e+07
Sum
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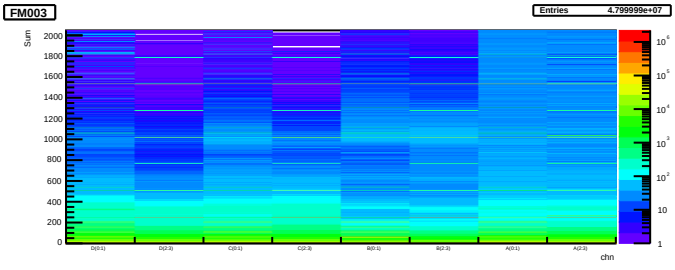
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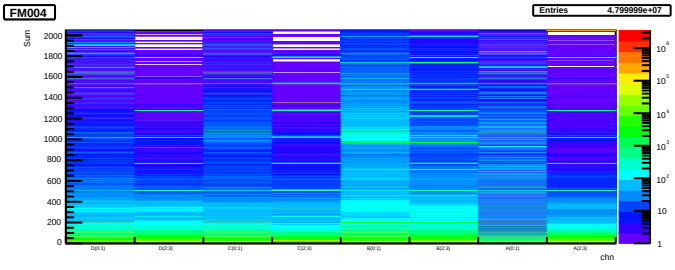
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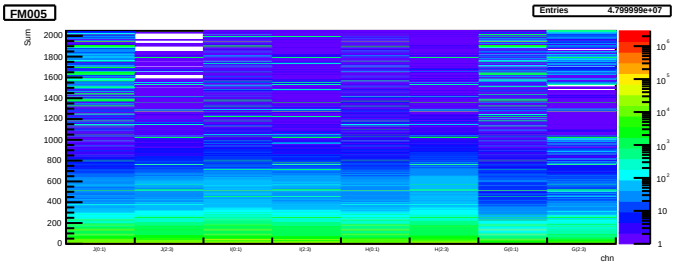
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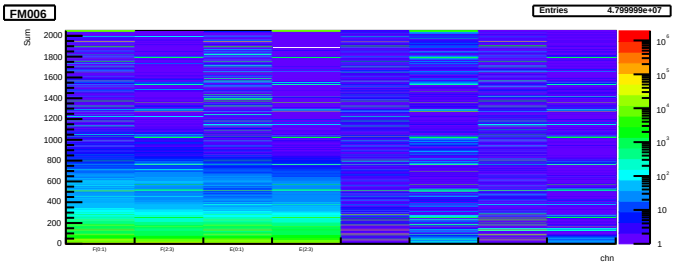
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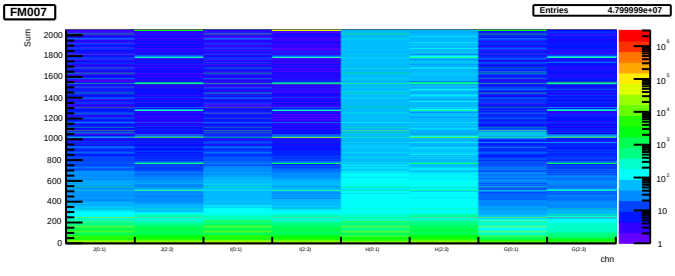
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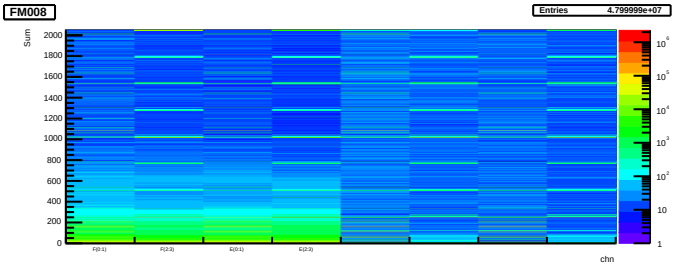
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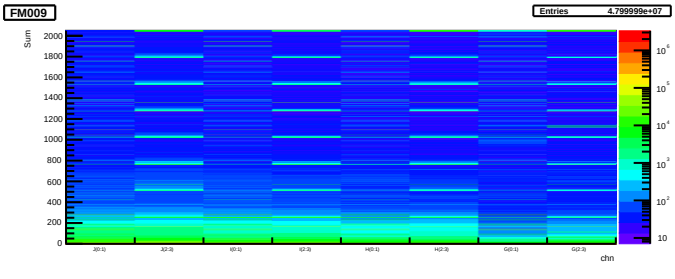
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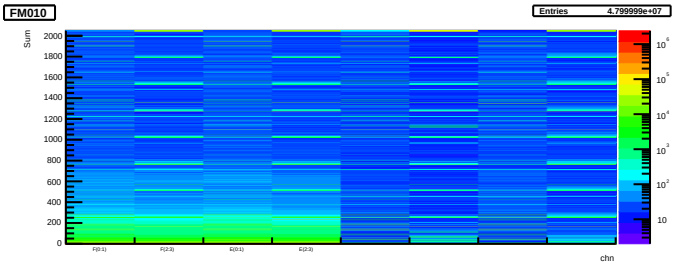
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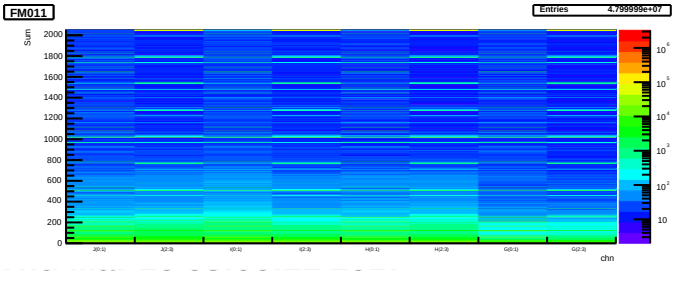
FM011
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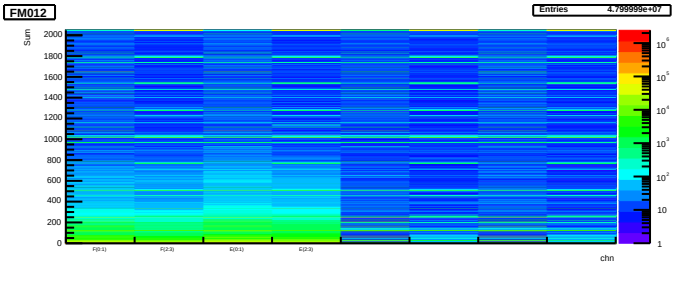
FM012
Entries 4.799999e+07
Sum
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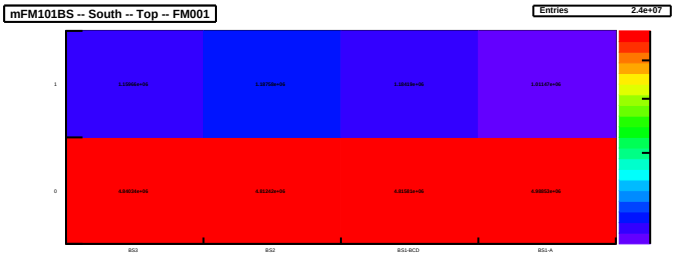
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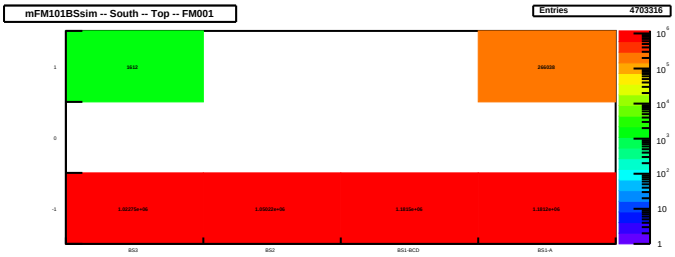
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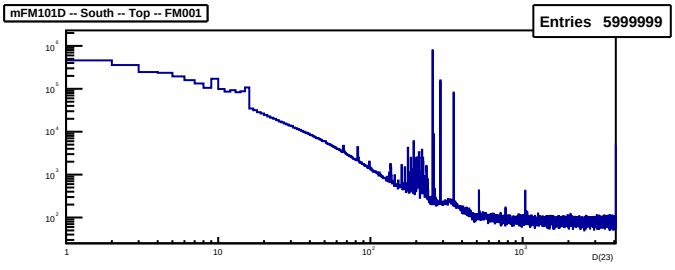
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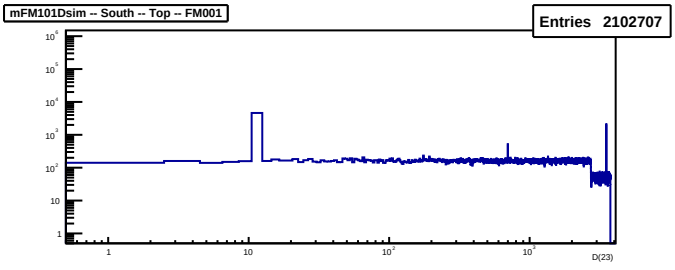
Entries 5999999
D(23)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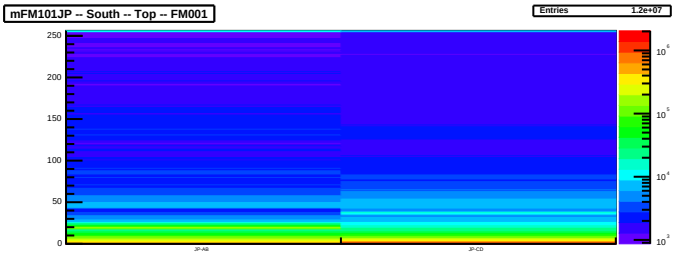
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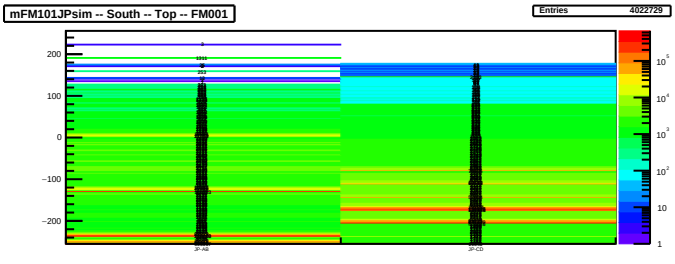
Entries 1.2e+07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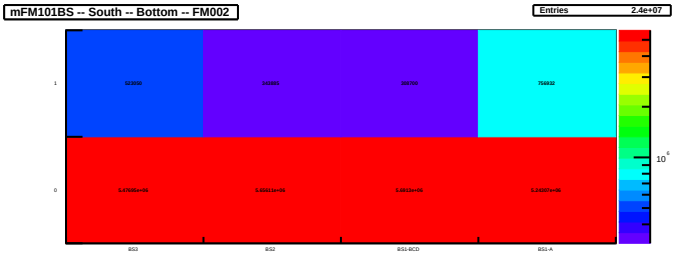
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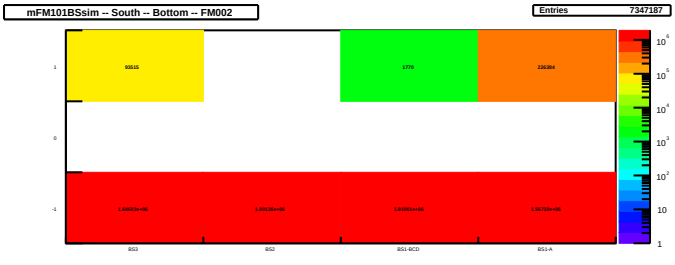
Entries 2.4e+07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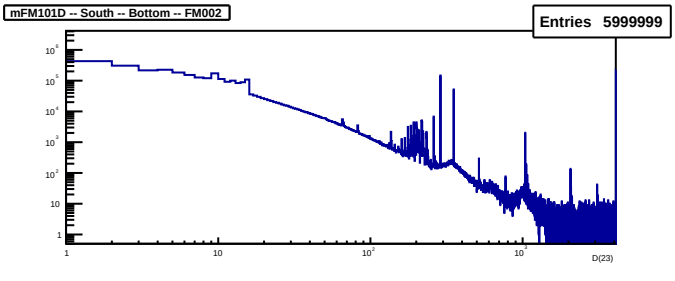
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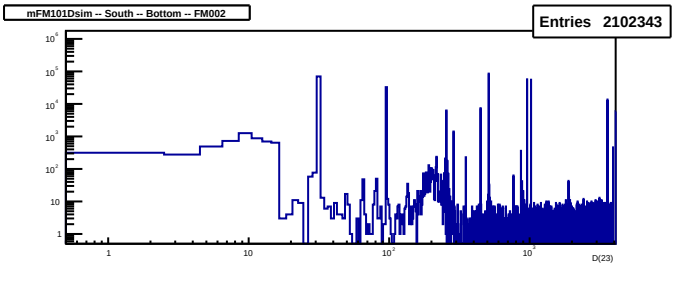
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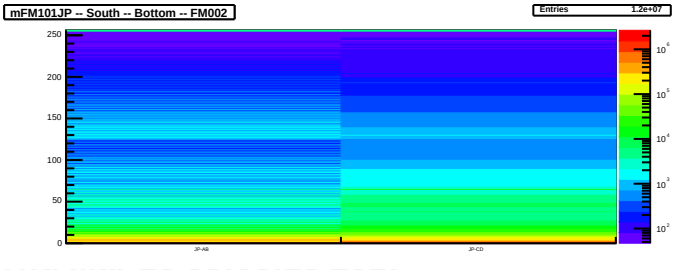
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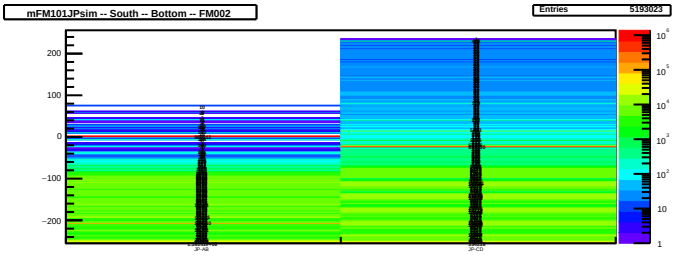
Entries 1.2e+07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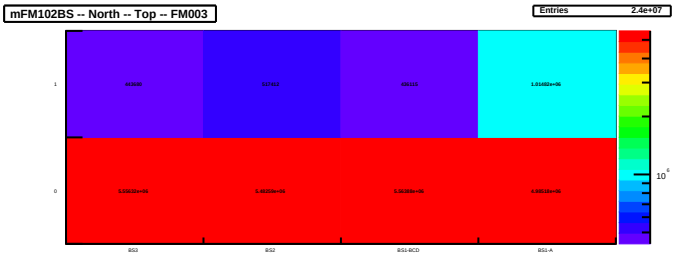
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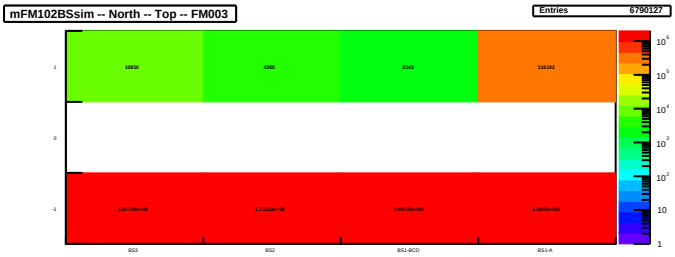
Entries 2.4e+07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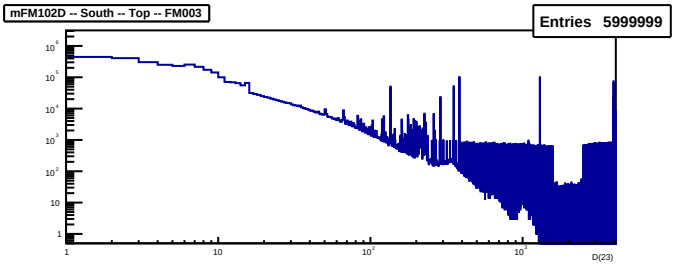
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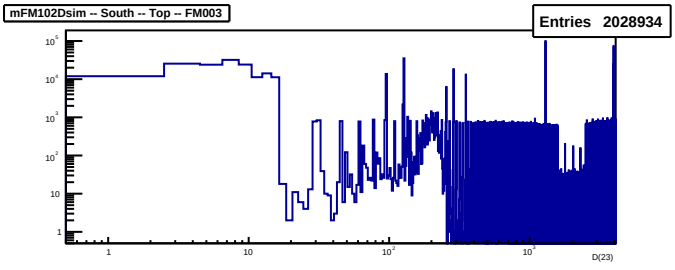
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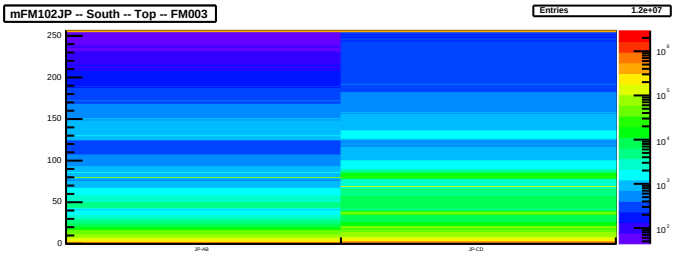
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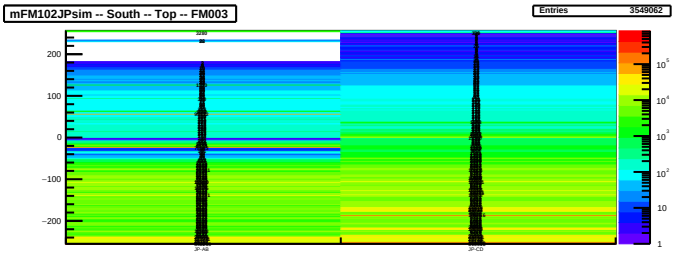
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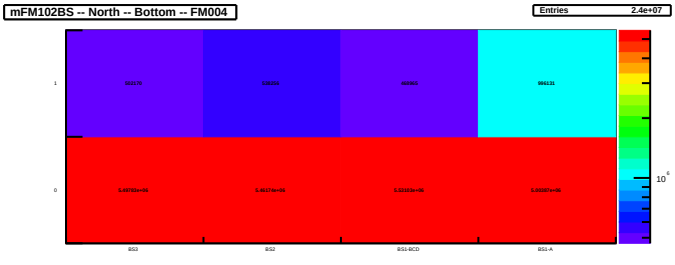
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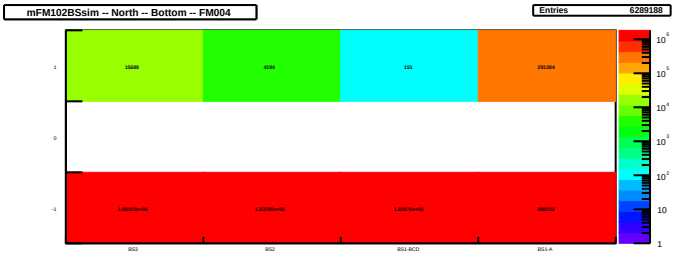
Entries 2.4e+07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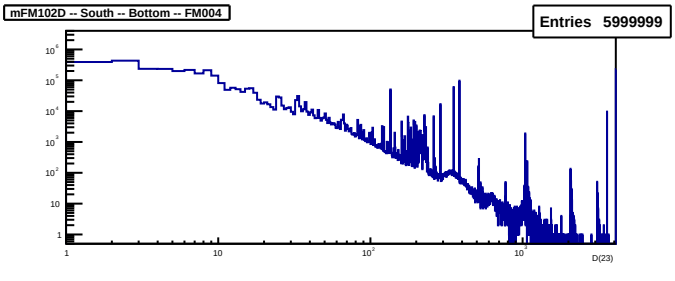
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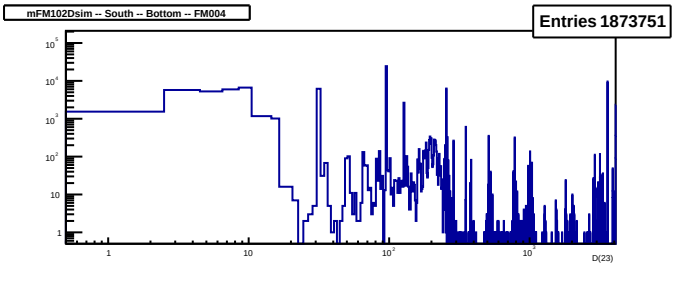
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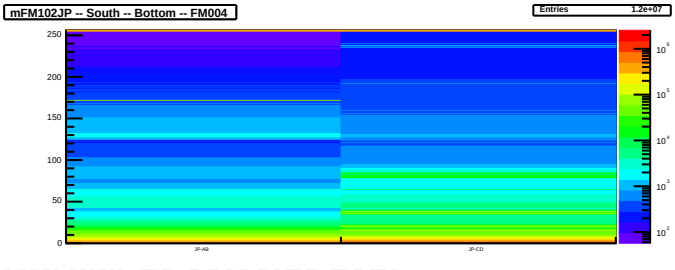
D(23)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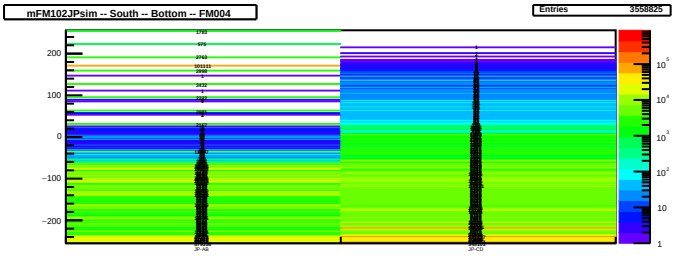
Entries 1.2e+07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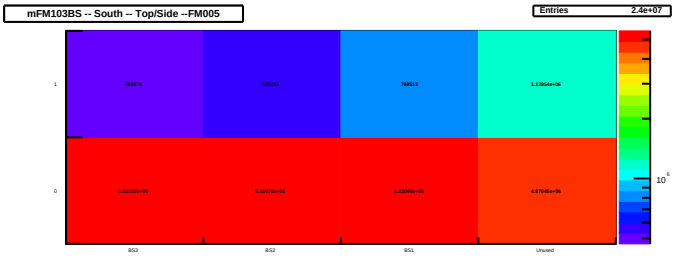
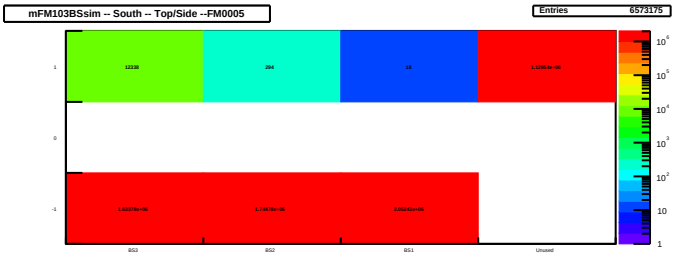

mFM103BS -- South -- Top/Side --FM005
Entries 2.4e+07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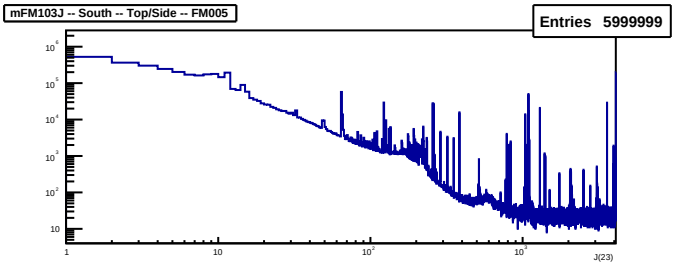
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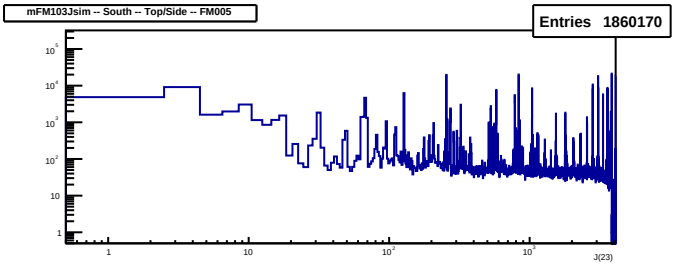
Entries 5999999
J(23)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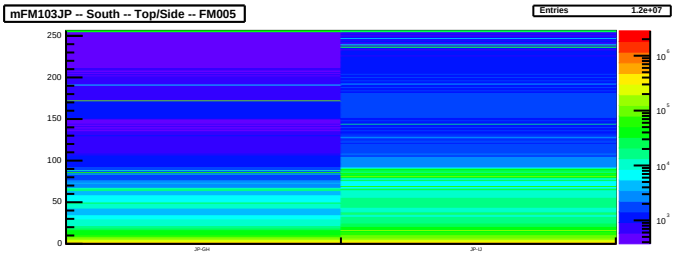
Entries 1860170
J(23)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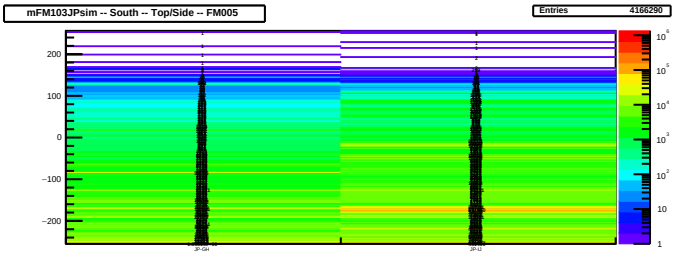
Entries 1.2e+07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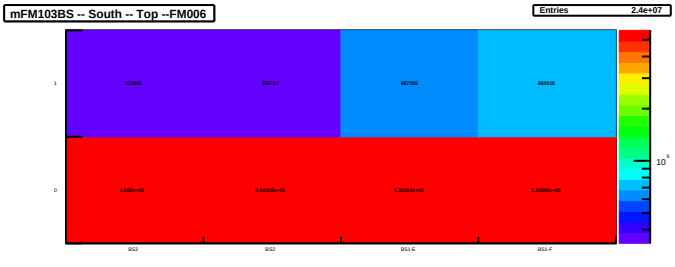
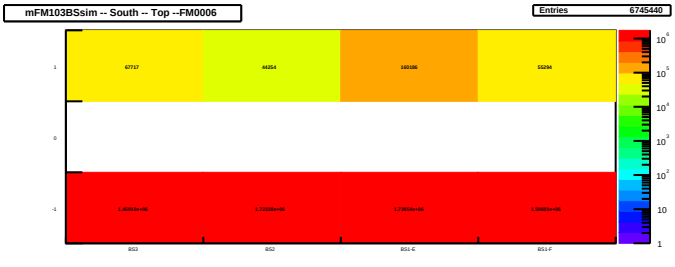

mFM103BS -- South -- Top --FM006
Entries 2.4e+07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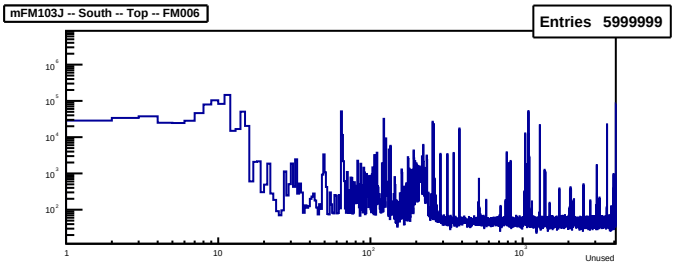
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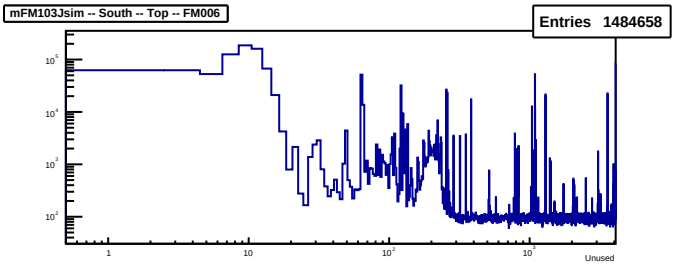
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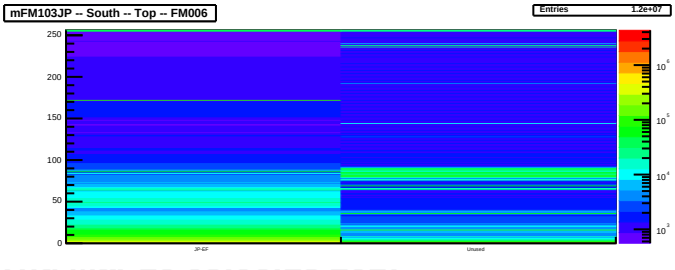
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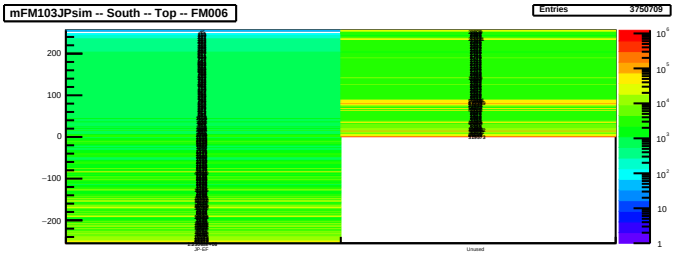
Entries 1.2e+07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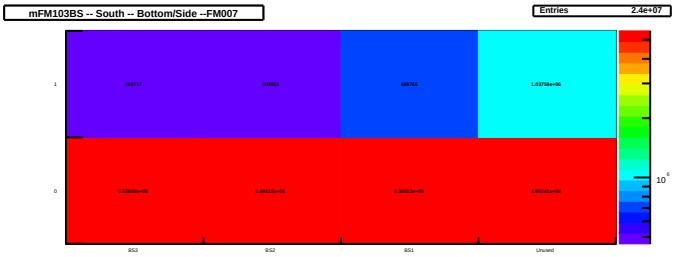
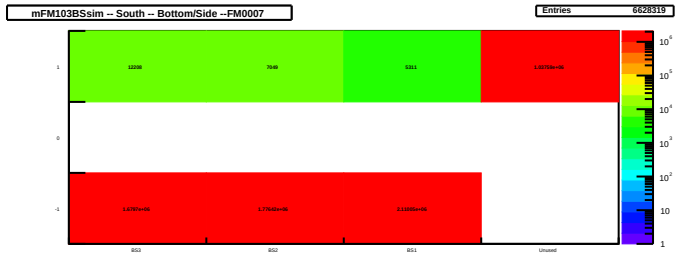

mFM103BS -- South -- Bottom/Side --FM007
Entries 2.4e+07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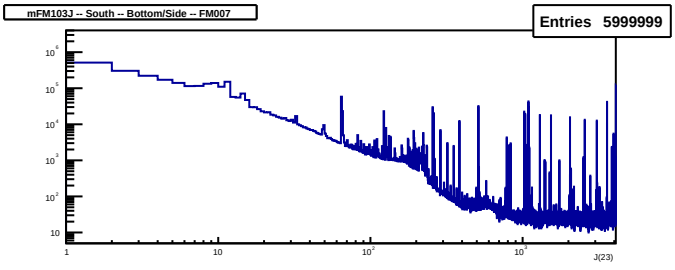
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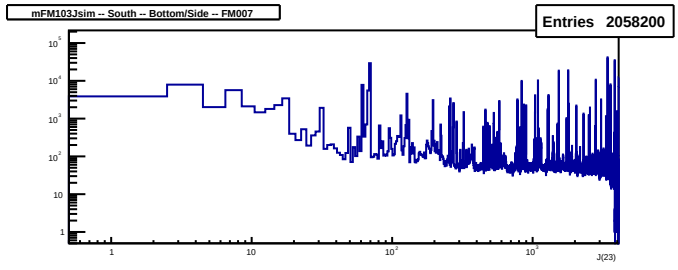
Entries 5999999
J(23)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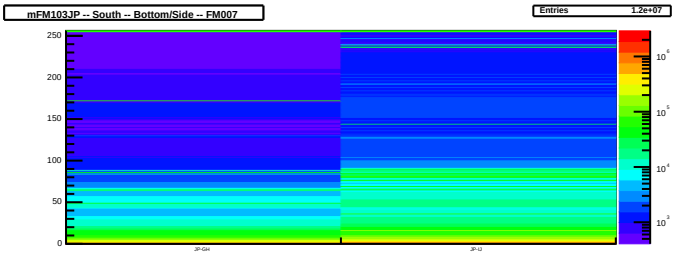
J(23)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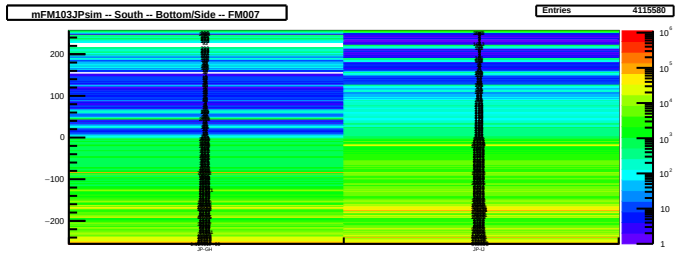
Entries 1.2e+07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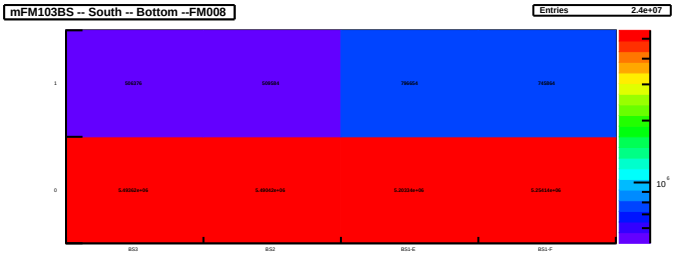
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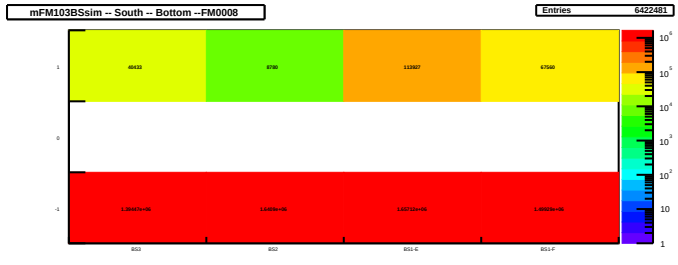
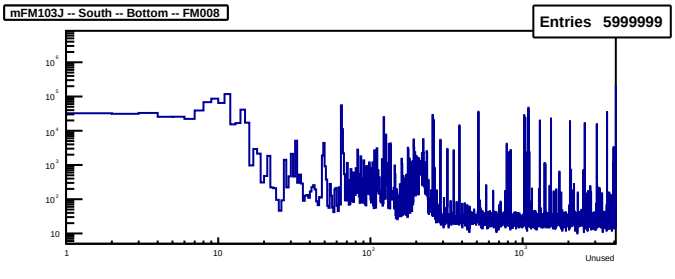
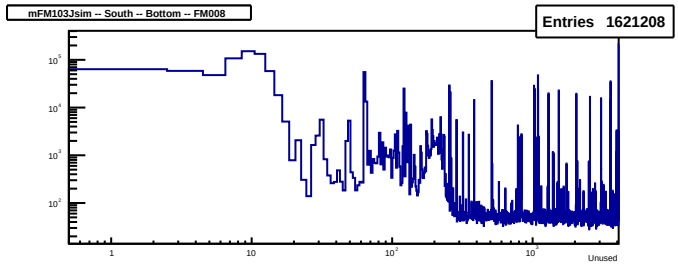
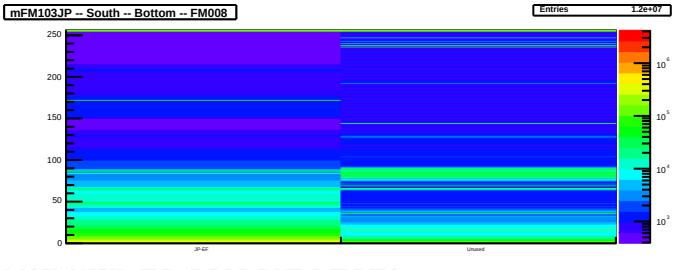
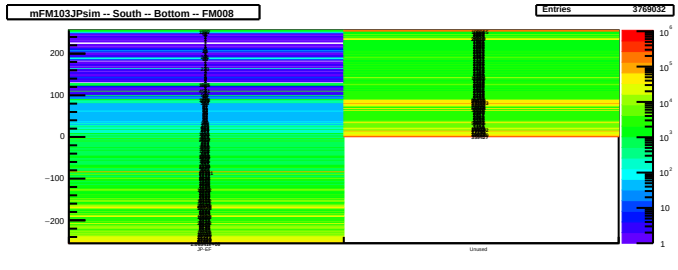
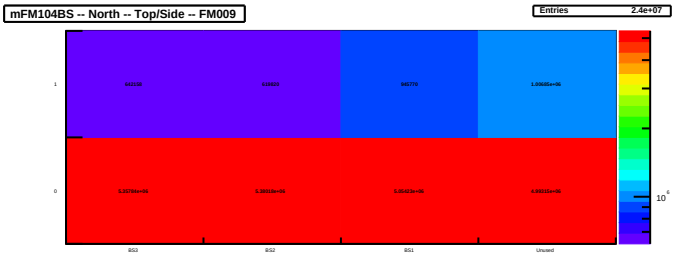

mFM103BSsim -- South -- Bottom --FM0008
Entries 6422481

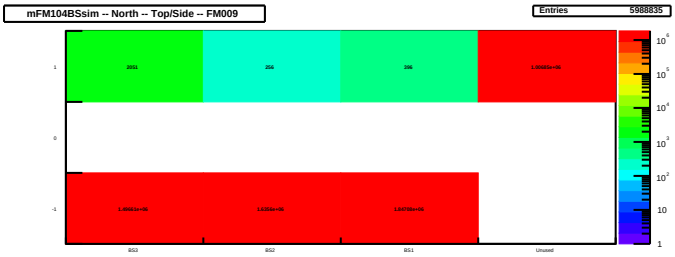

mFM103J -- South -- Bottom -- FM008
Entries 5999999
Unused

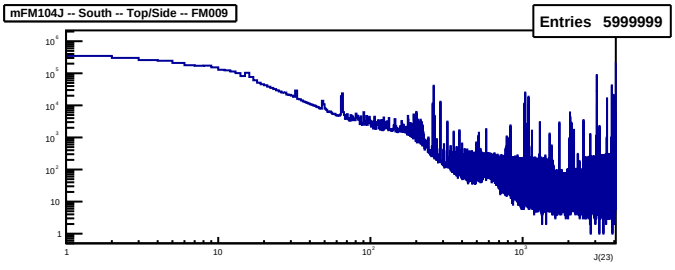

mFM103Jsim -- South -- Bottom -- FM008
Entries 1621208
Unused

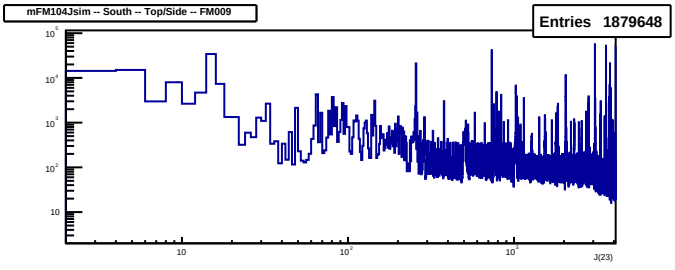

mFM103JP -- South -- Bottom -- FM008
Entries 1.2e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3769032


mFM104BS -- North -- Top/Side -- FM009
Entries 2.4e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5988835


mFM104J -- South -- Top/Side -- FM009
Entries 5999999
J(23)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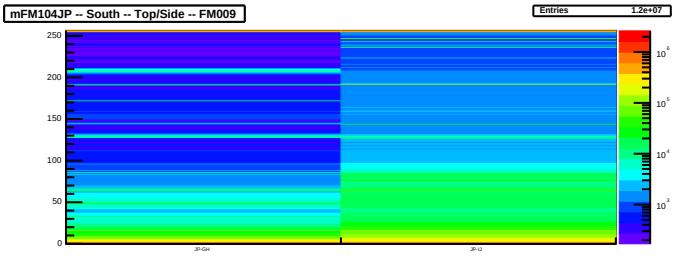
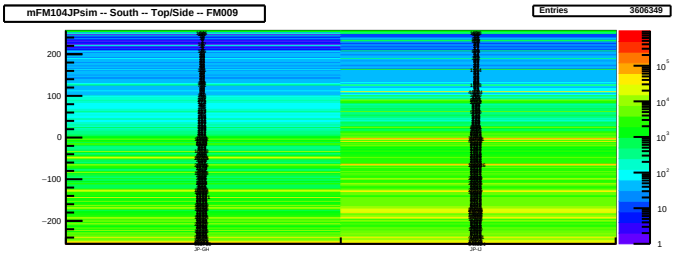
Entries 1879648
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.2e+07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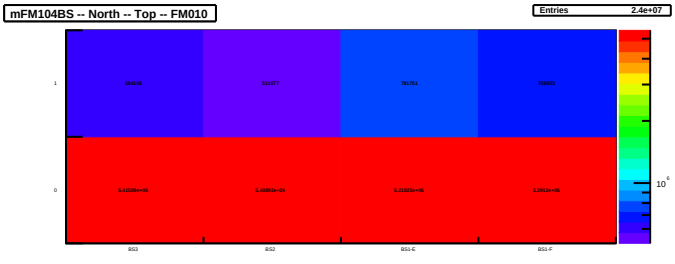
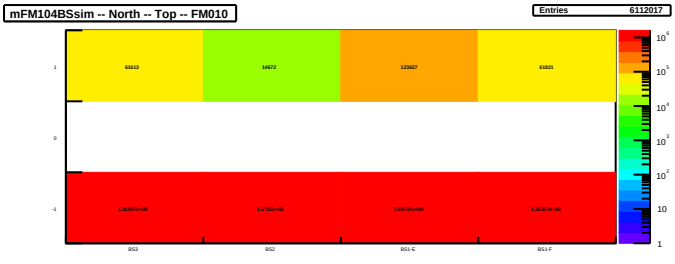
Entries 3606349


mFM104BS -- North -- Top -- FM010
Entries 2.4e+07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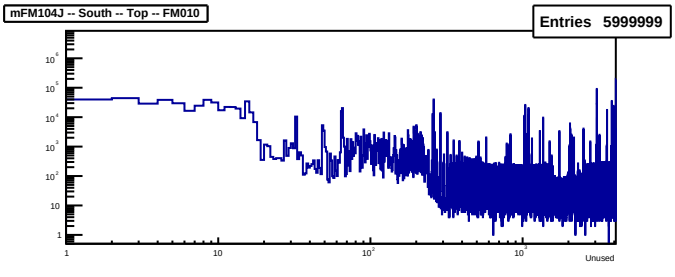
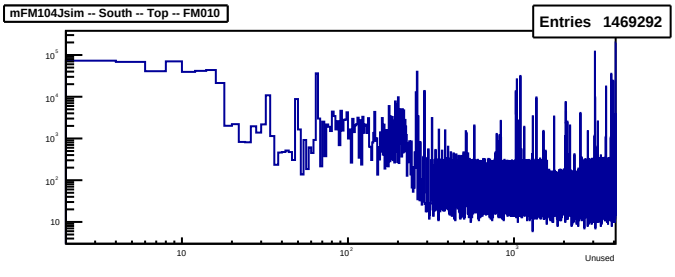
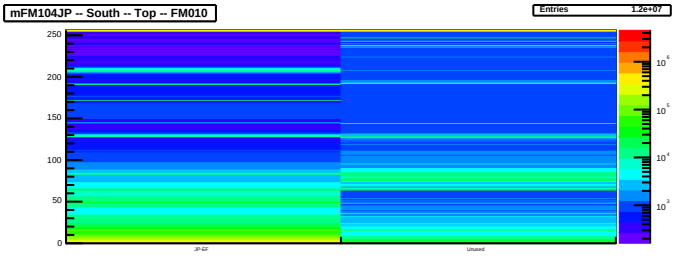
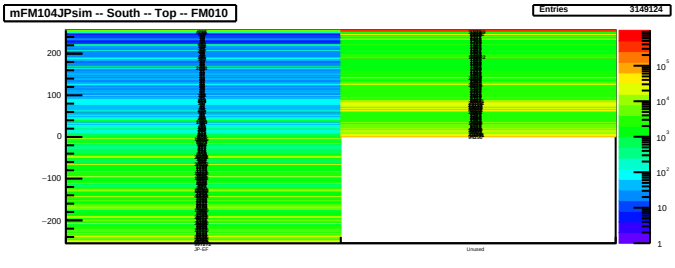
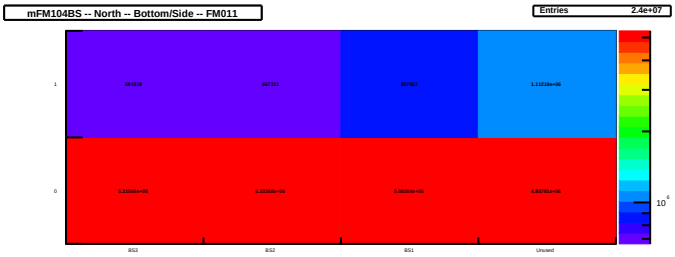
Entries 6112017

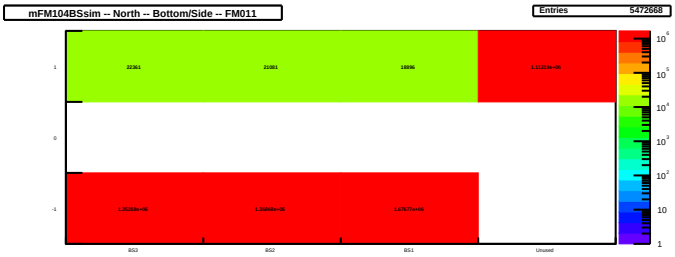

mFM104J -- South -- Top -- FM010
Entries 5999999
Unused

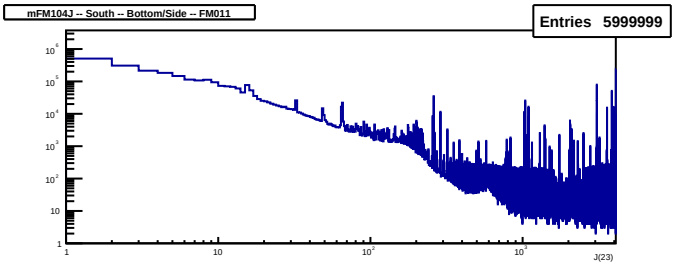

mFM104Jsim -- South -- Top -- FM010
Entries 1469292
Unused

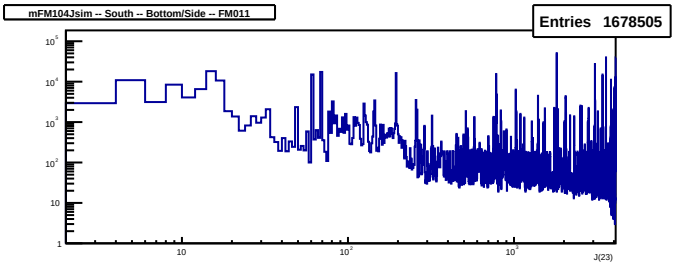

mFM104JP -- South -- Top -- FM010
Entries 1.2e+07

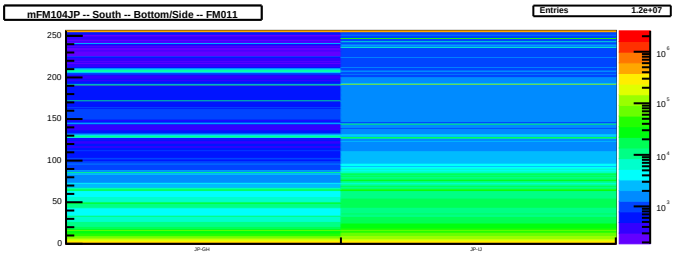

mFM104JPsim -- South -- Top -- FM010
Entries 3149124

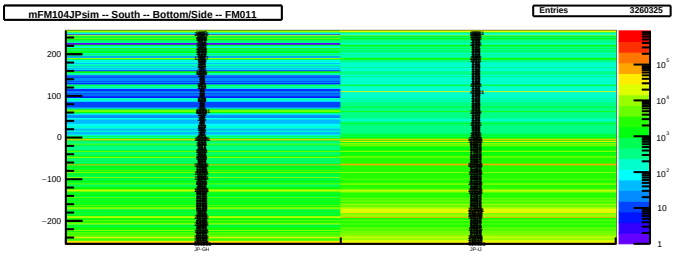

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.4e+07

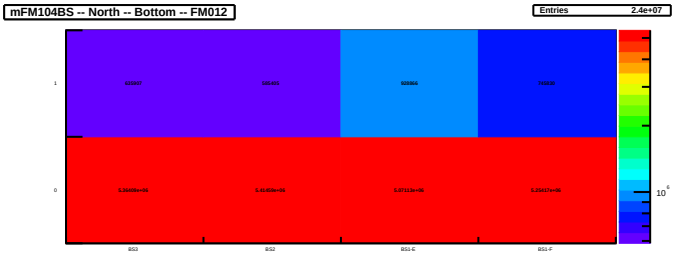

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5472668

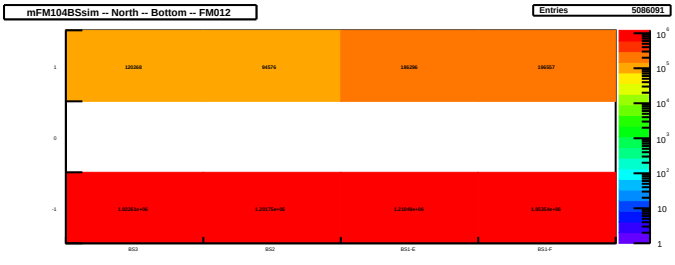

mFM104J -- South -- Bottom/Side -- FM011
Entries 5999999
J(23)

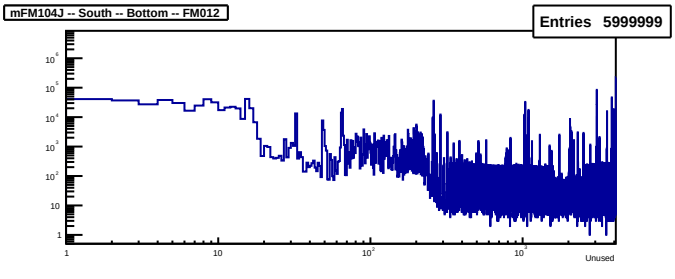

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1678505
J(23)

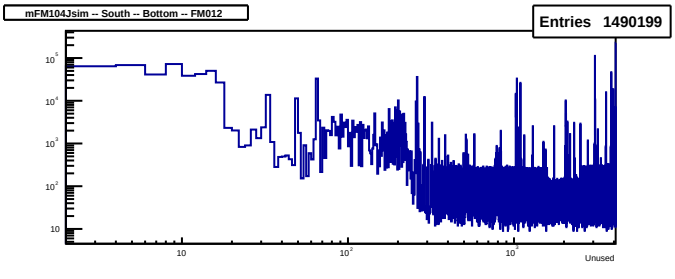

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.2e+07

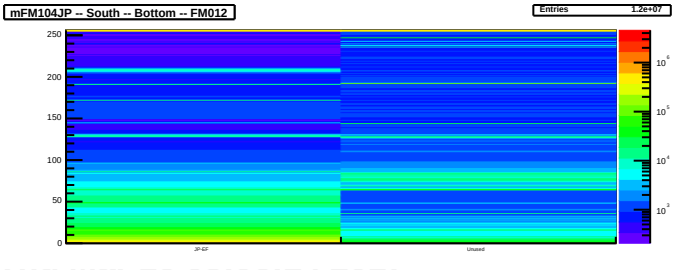

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3260325

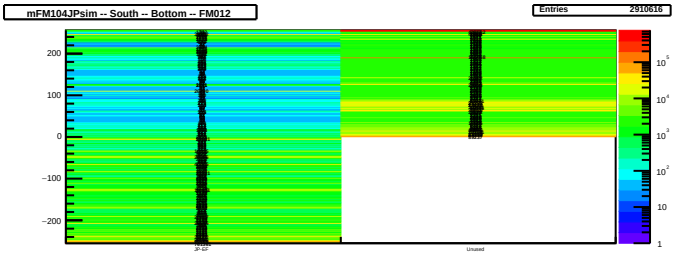

mFM104BS -- North -- Bottom -- FM012
Entries 2.4e+07

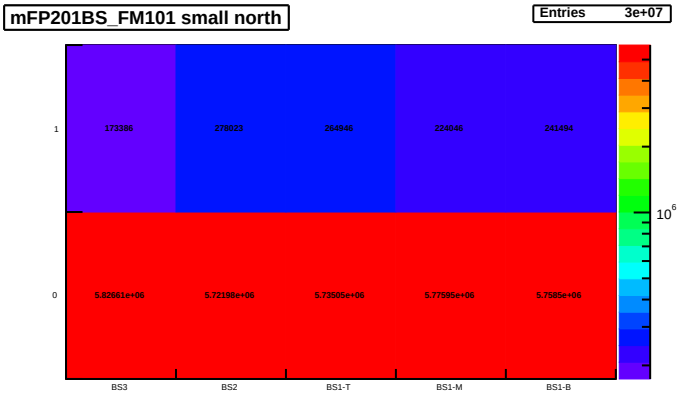

mFM104BSsim -- North -- Bottom -- FM012
Entries 5086091

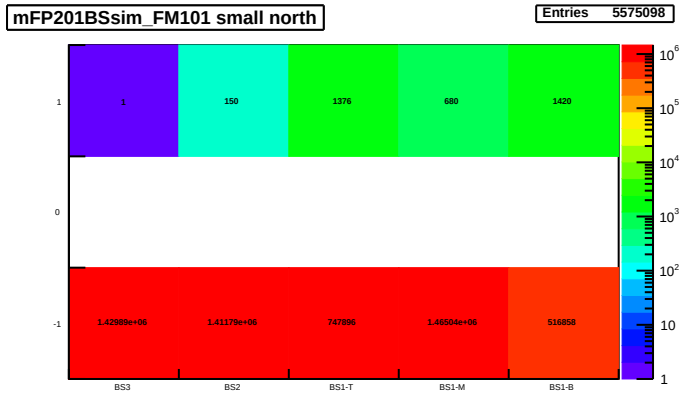

mFM104J -- South -- Bottom -- FM012
Entries 5999999
Unused

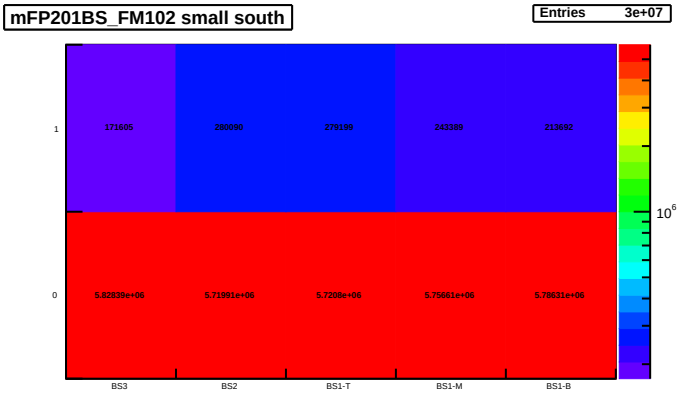

mFM104Jsim -- South -- Bottom -- FM012
Entries 1490199
Unused

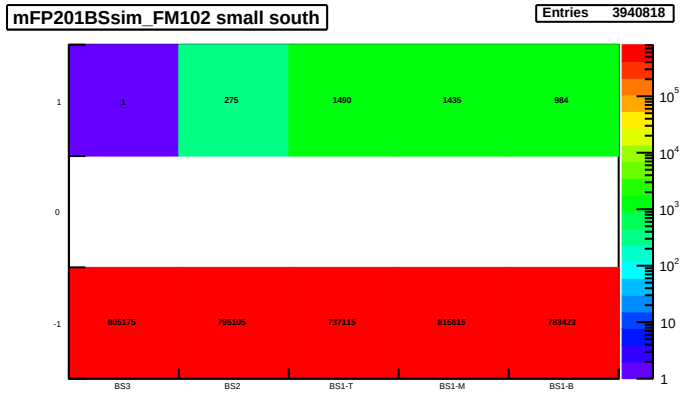

mFM104JP -- South -- Bottom -- FM012
Entries 1.2e+07

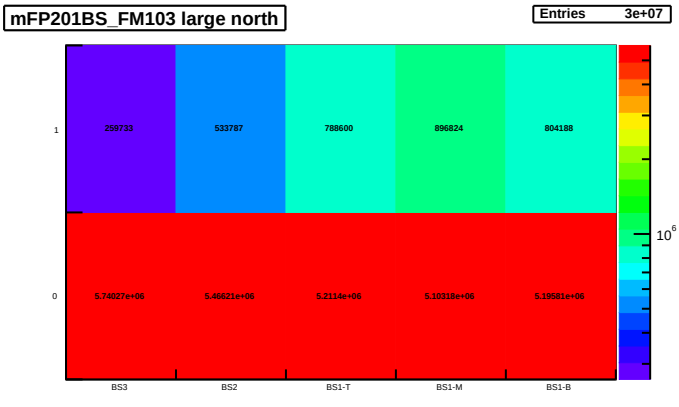

mFM104JPsim -- South -- Bottom -- FM012
Entries 2910616

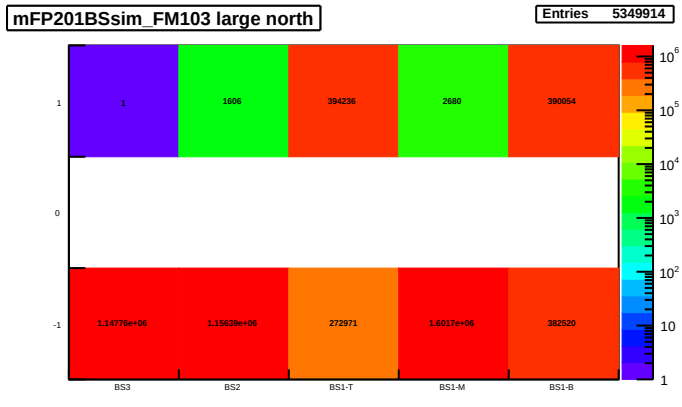

mFP201BS_FM101 small north
Entries 3e+07
173386
278023
264946
224046
241494
5.82661e+06
5.72198e+06
5.73505e+06
5.77595e+06
5.7585e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

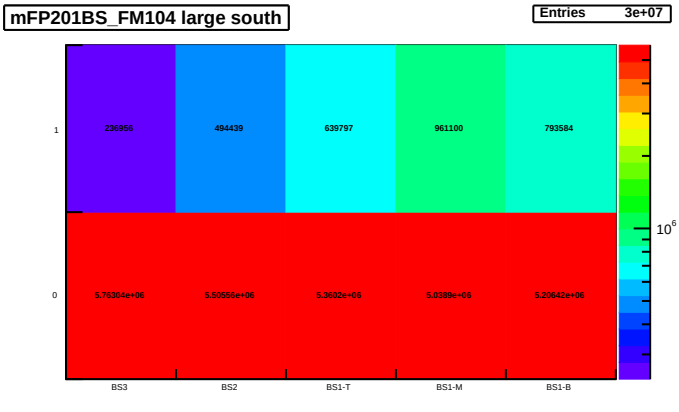

mFP201BSsim_FM101 small north
Entries 5575098
1
150
1376
680
1420
1.42989e+06
1.41179e+06
747896
1.46504e+06
516858
BS3
BS2
BS1-T
BS1-M
BS1-B

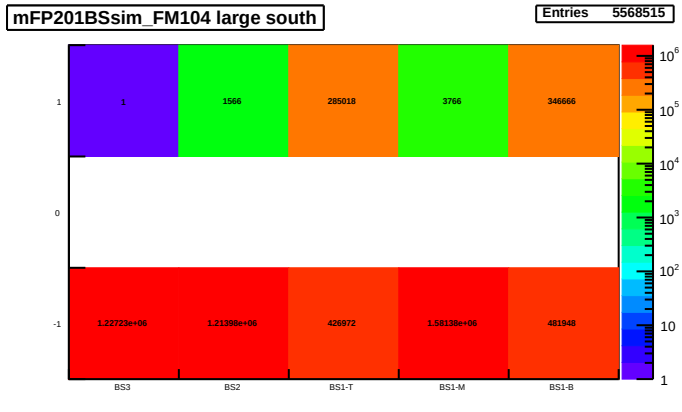

mFP201BS_FM102 small south
Entries 3e+07
171605
280090
279199
243389
213692
5.82839e+06
5.71991e+06
5.7208e+06
5.75661e+06
5.78631e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

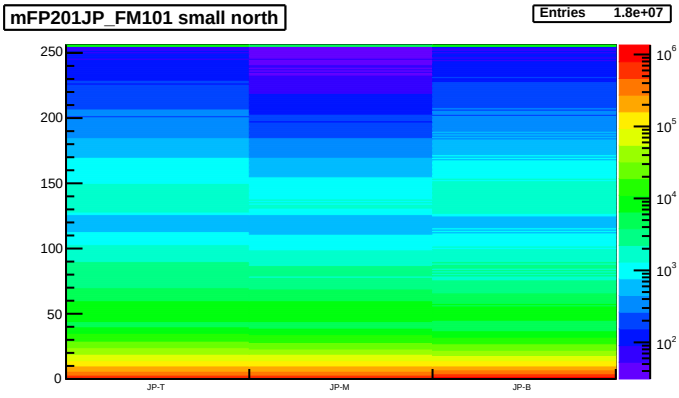

mFP201BSsim_FM102 small south
Entries 3940818
1
275
1490
1435
984
805175
795105
737115
815815
783423
BS3
BS2
BS1-T
BS1-M
BS1-B

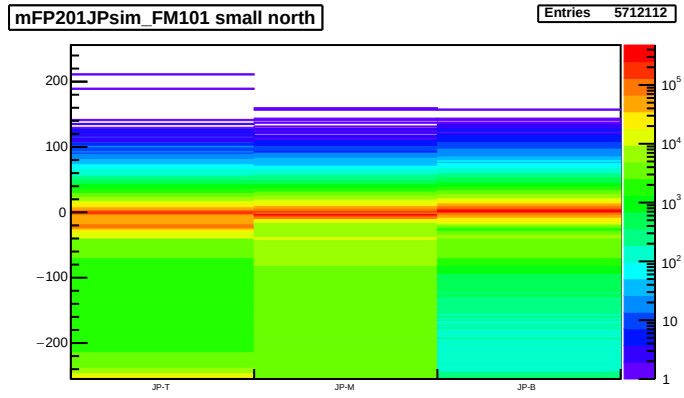

mFP201BS_FM103 large north
Entries 3e+07
259733
533787
788600
896824
804188
5.74027e+06
5.46621e+06
5.2114e+06
5.10318e+06
5.19581e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

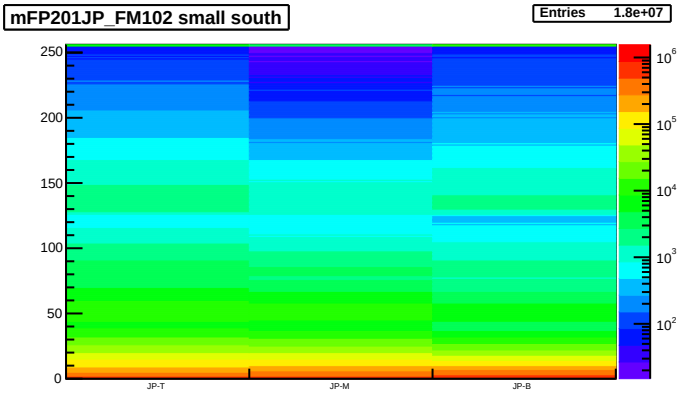

mFP201BSsim_FM103 large north
Entries 5349914
1
1606
394236
2680
390054
1.14776e+06
1.15639e+06
272971
1.6017e+06
382520
BS3
BS2
BS1-T
BS1-M
BS1-B

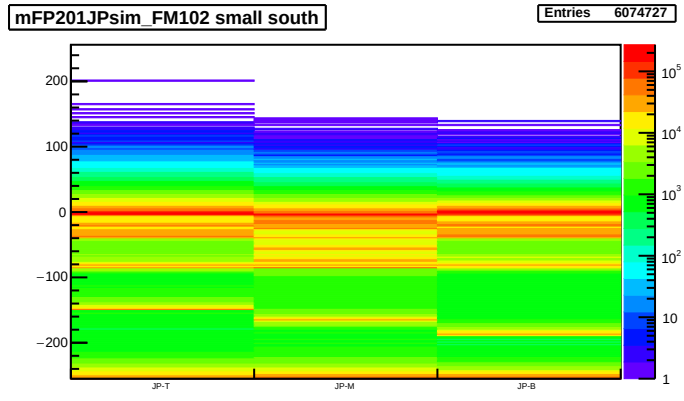

mFP201BS_FM104 large south
Entries 3e+07
236956
494439
639797
961100
793584
5.76304e+06
5.50556e+06
5.3602e+06
5.0389e+06
5.20642e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

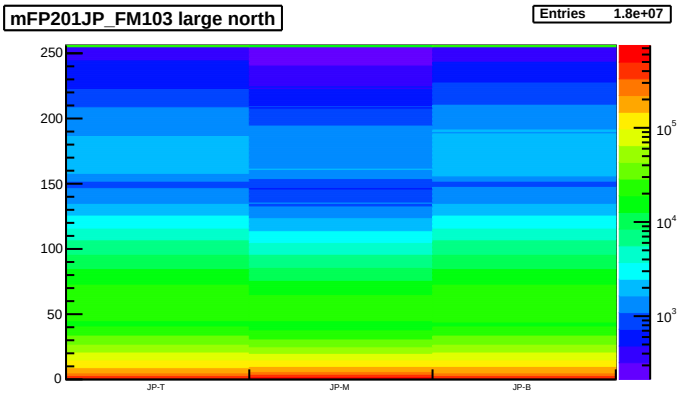

mFP201BSsim_FM104 large south
Entries 5568515
1
1566
285018
3766
346666
1.22723e+06
1.21398e+06
426972
1.58138e+06
481948
BS3
BS2
BS1-T
BS1-M
BS1-B

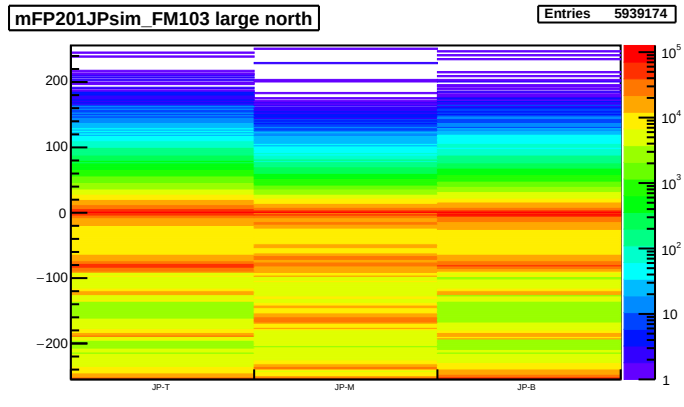

mFP201JP_FM101 small north
Entries 1.8e+07
JP-T
JP-M
JP-B

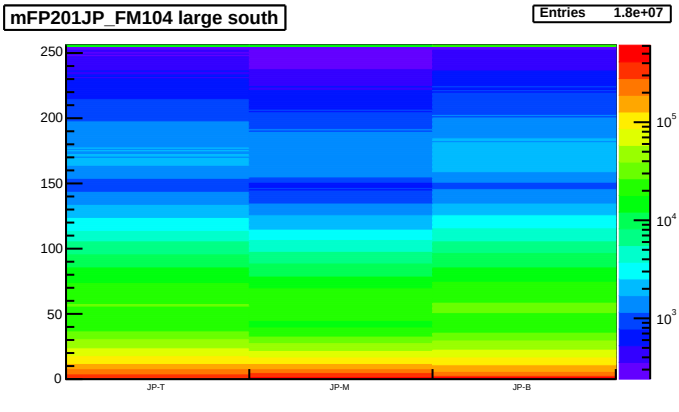

mFP201JPsim_FM101 small north
Entries 5712112
JP-T
JP-M
JP-B

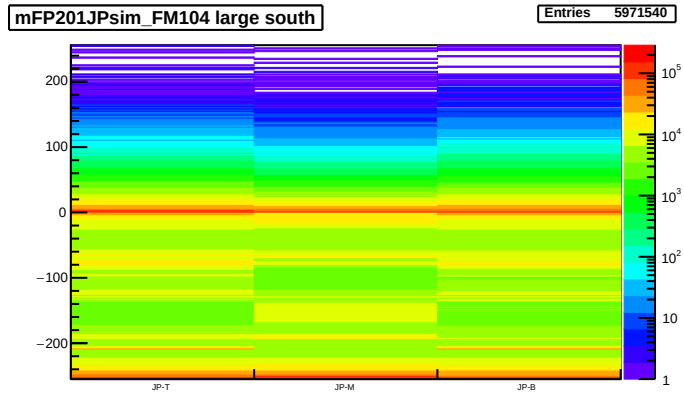

mFP201JP_FM102 small south
Entries 1.8e+07
JP-T
JP-M
JP-B

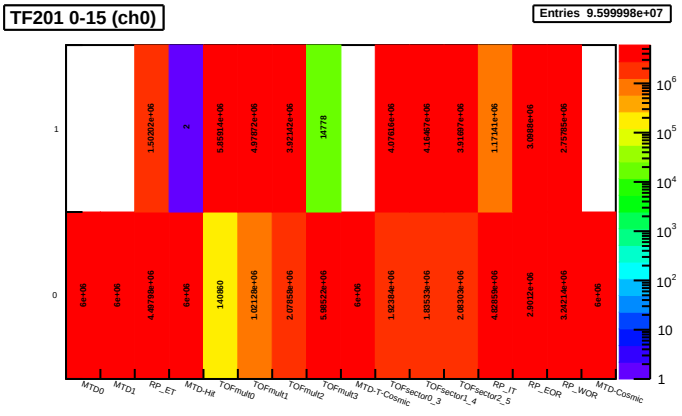

mFP201JPsim_FM102 small south
Entries 6074727
JP-T
JP-M
JP-B

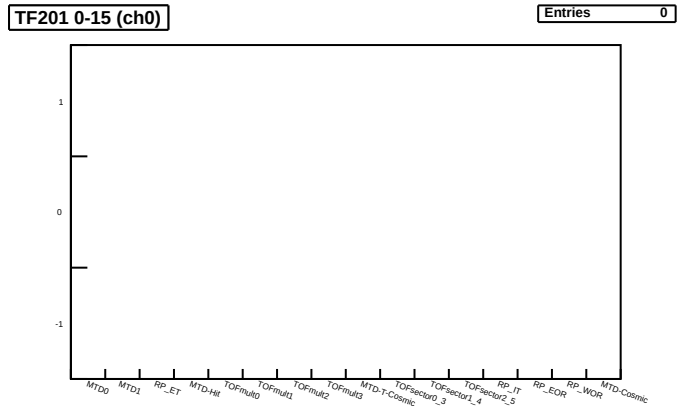

mFP201JP_FM103 large north
Entries 1.8e+07
JP-T
JP-M
JP-B

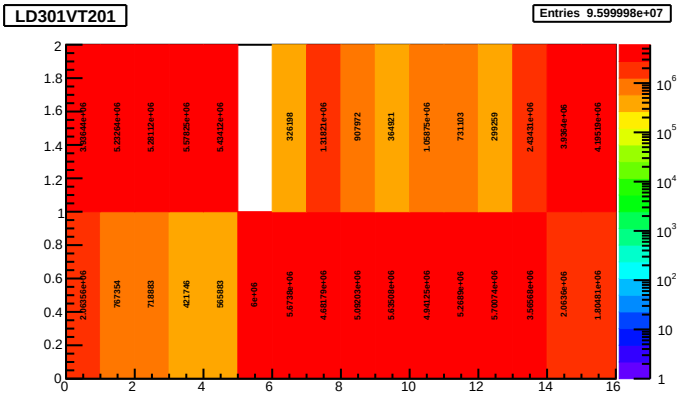

mFP201JPsim_FM103 large north
Entries 5939174
JP-T
JP-M
JP-B

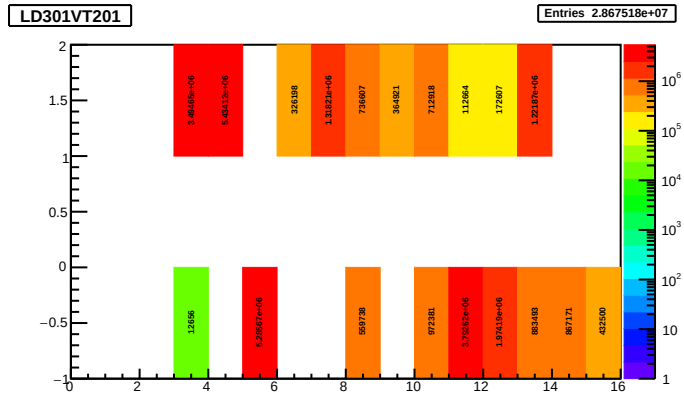

mFP201JP_FM104 large south
Entries 1.8e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5971540
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 9.599998e+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 9.599998e+07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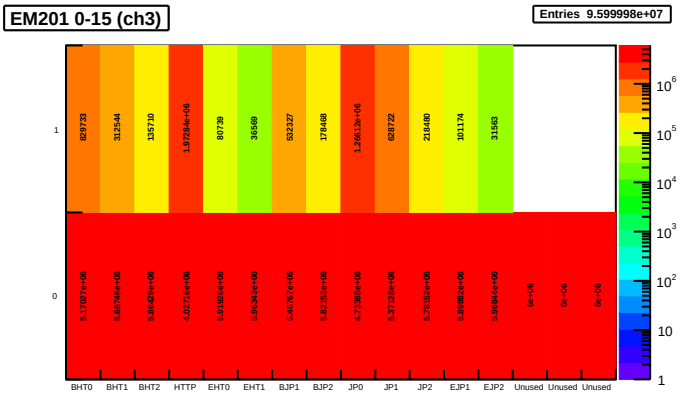
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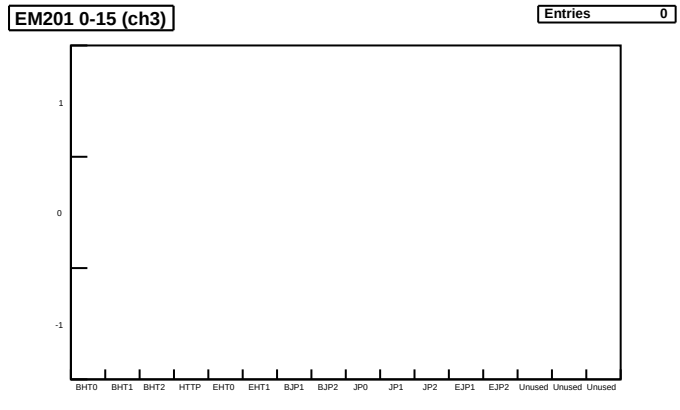
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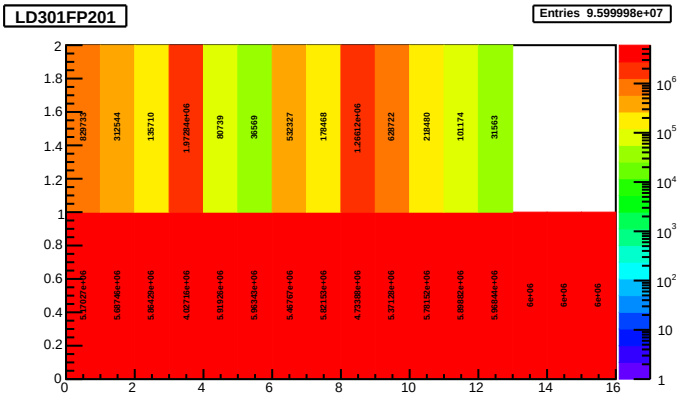
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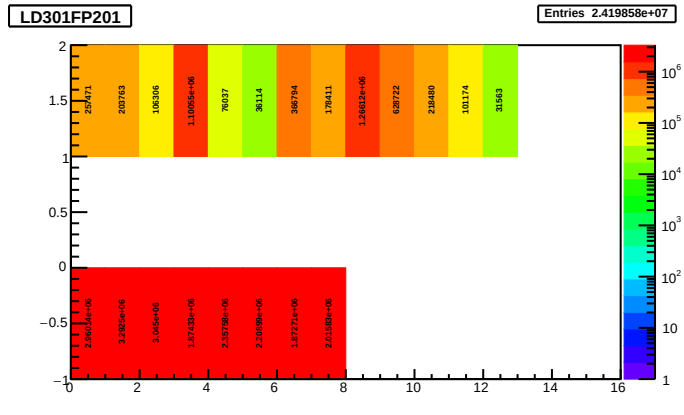
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