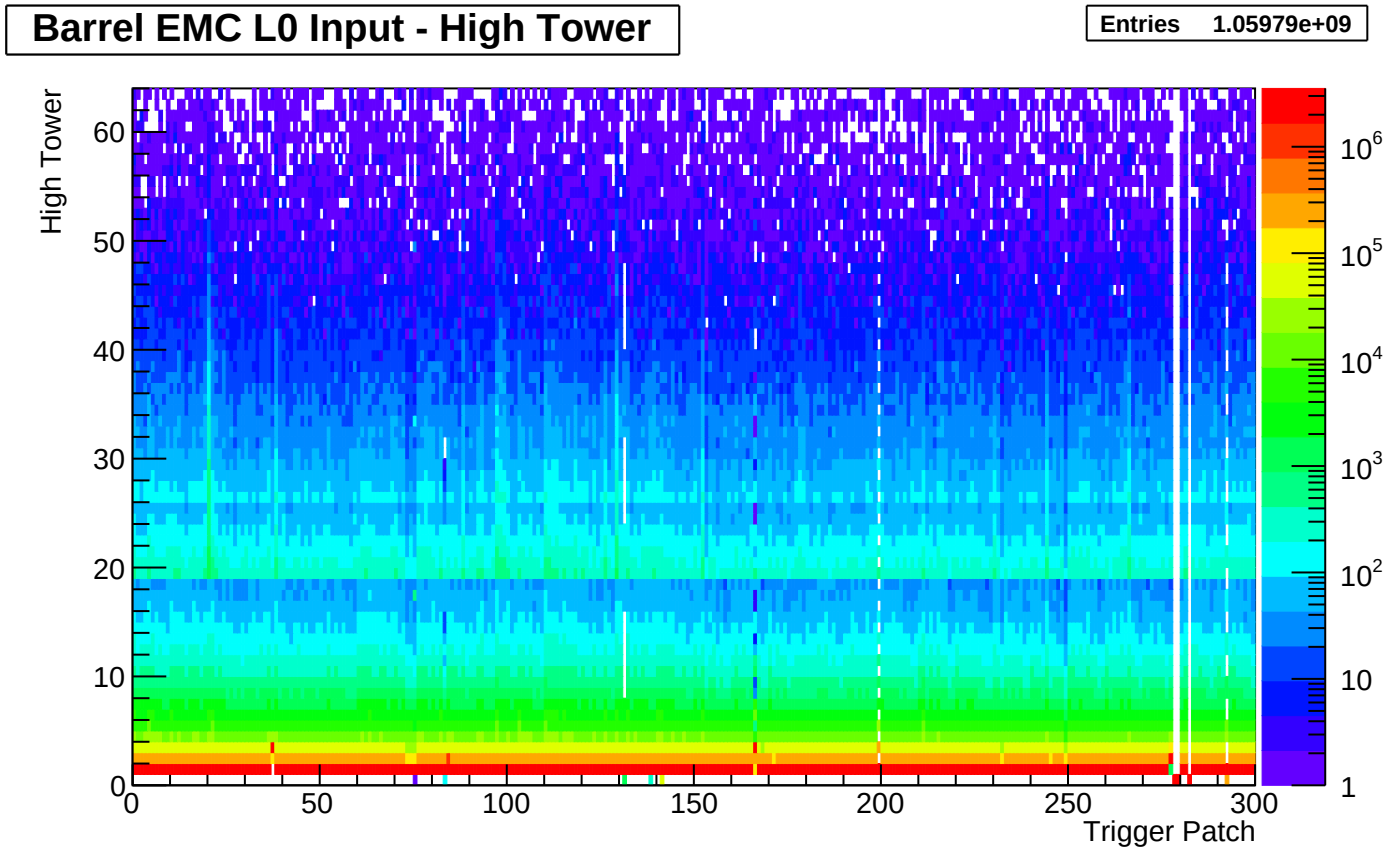
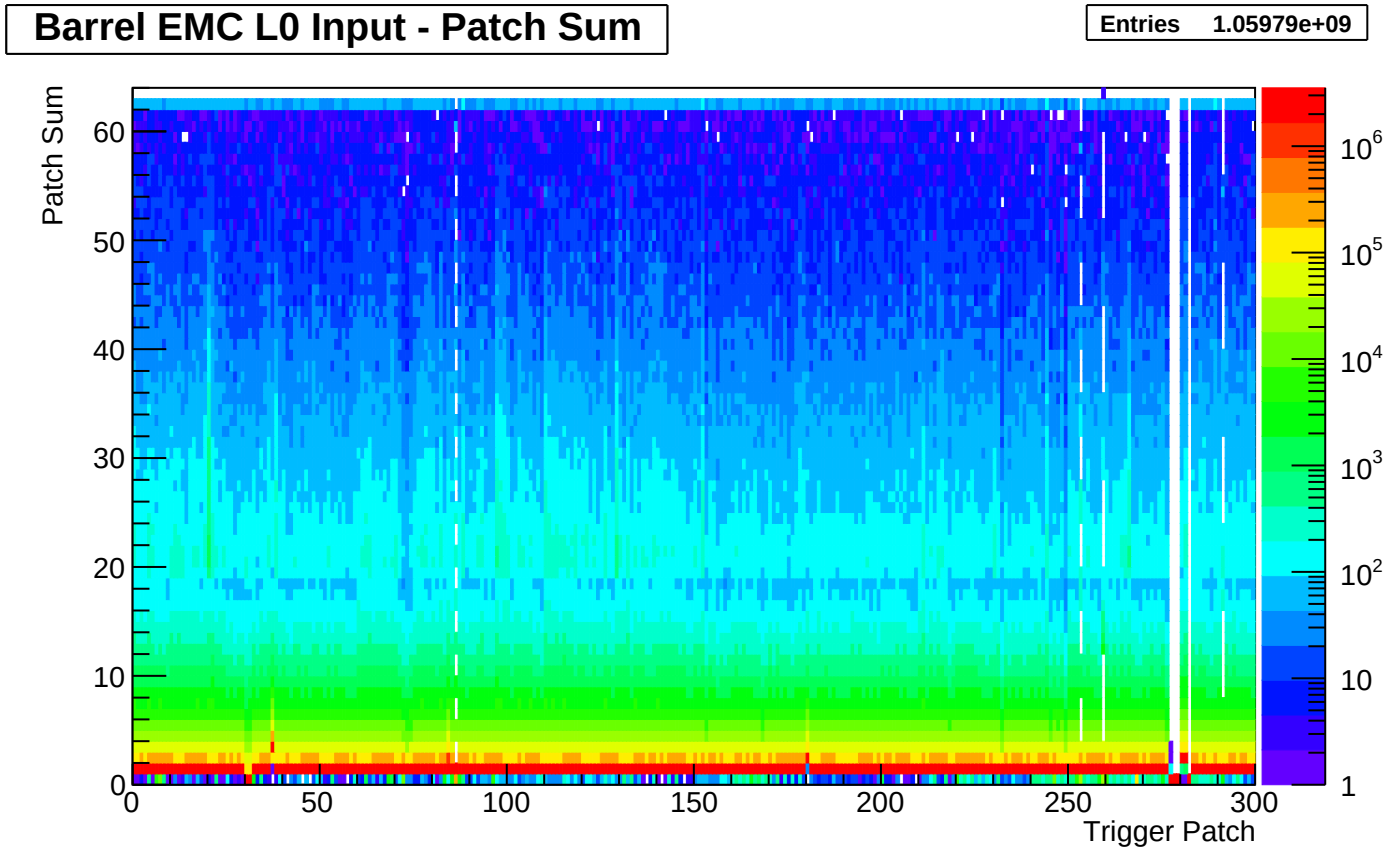
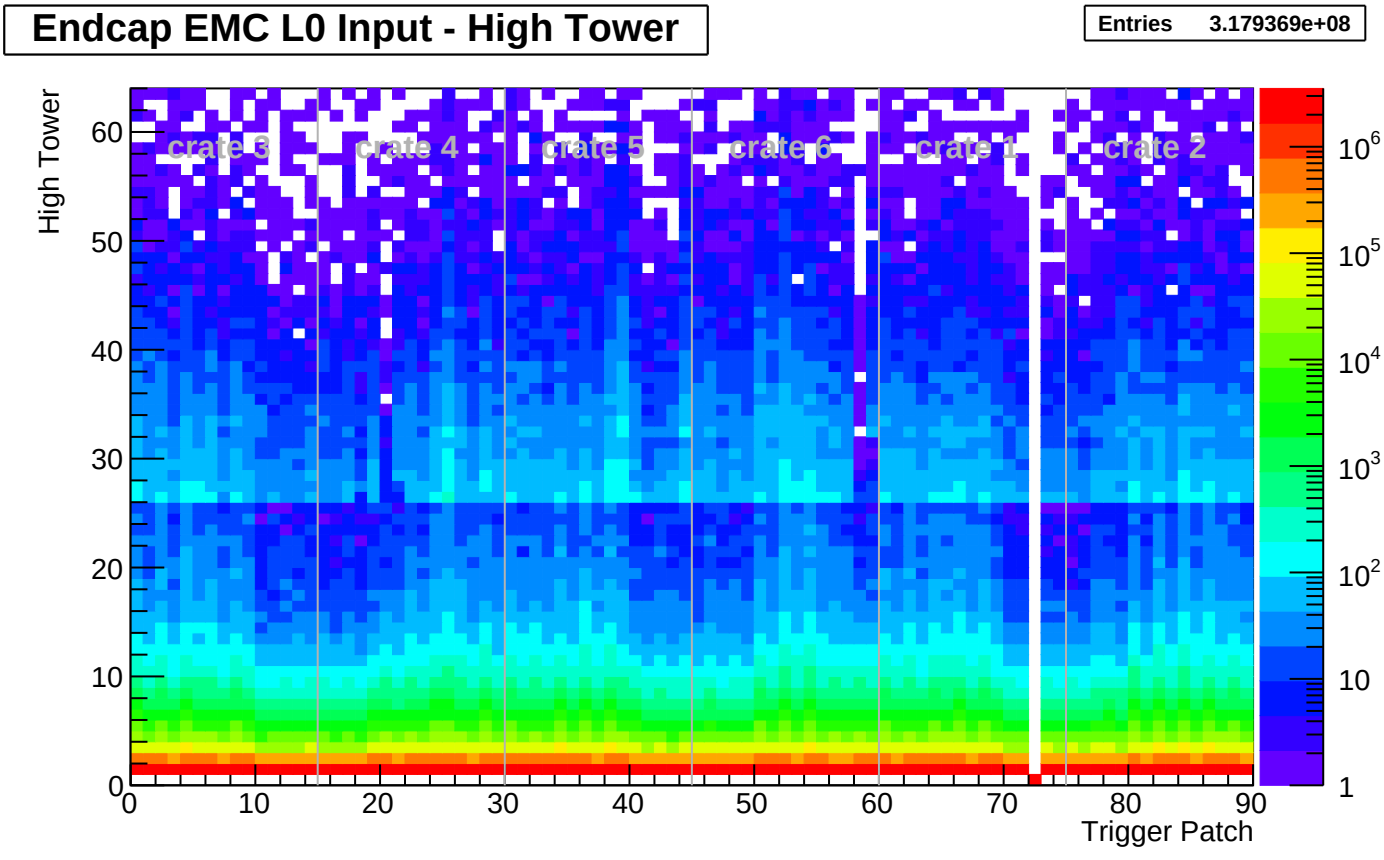
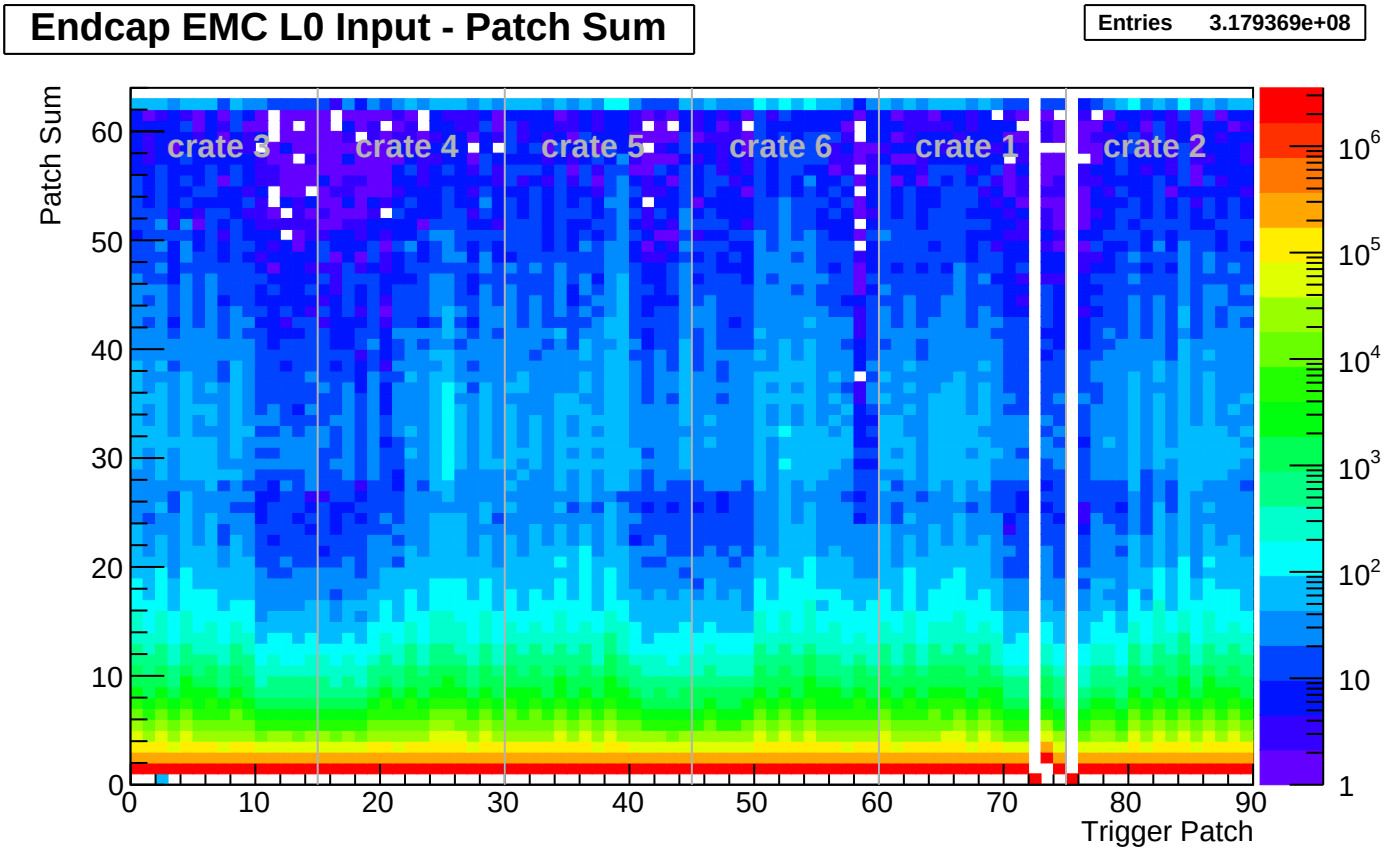
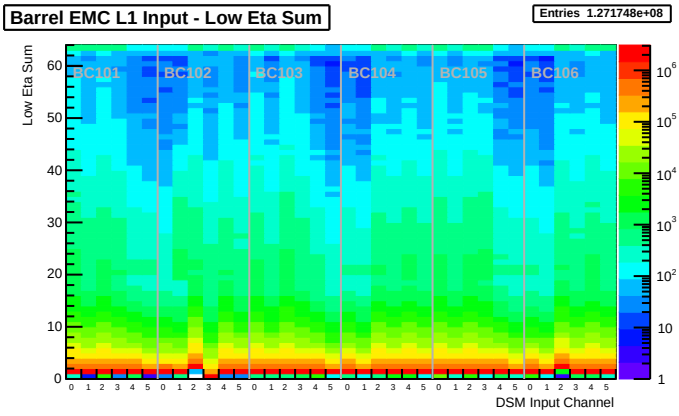
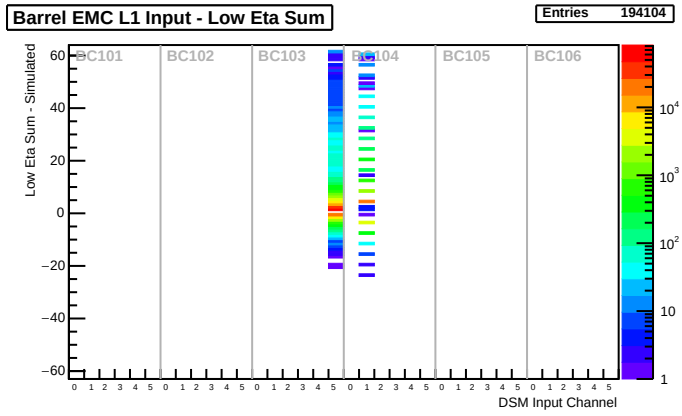

Barrel EMC L0 Input - High Tower
Entries 1.05979e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

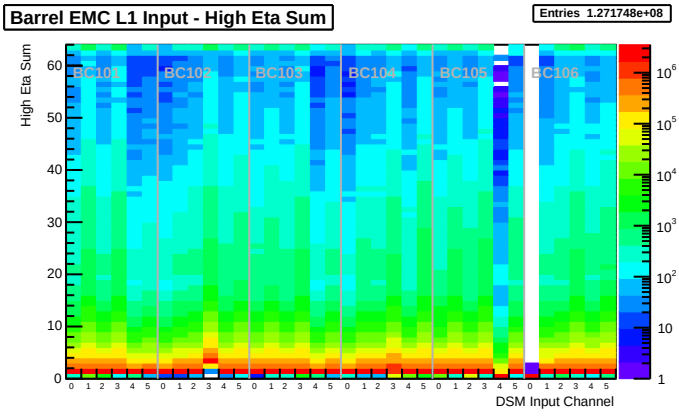

Barrel EMC L0 Input - Patch Sum
Entries 1.05979e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

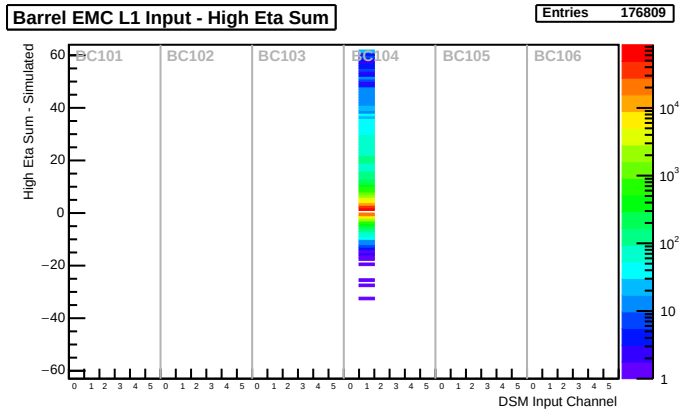

Endcap EMC L0 Input - High Tower
Entries 3.179369e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

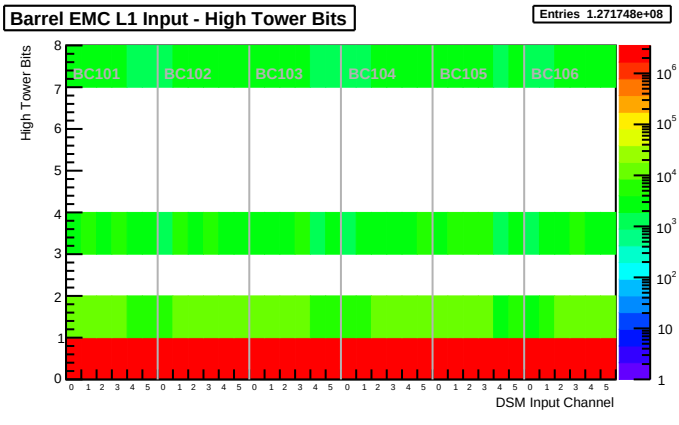

Endcap EMC L0 Input - Patch Sum
Entries 3.179369e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

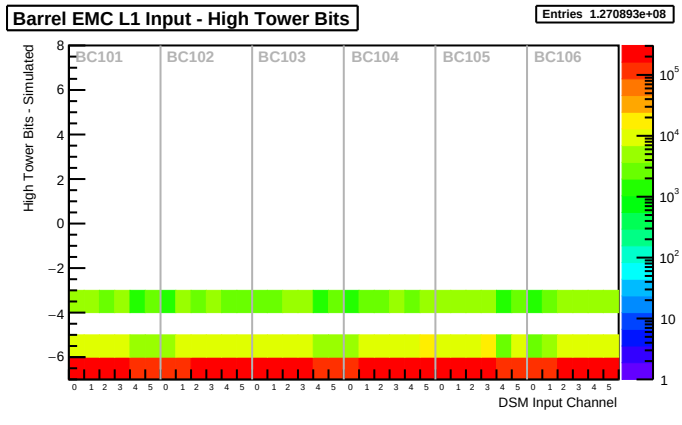

Barrel EMC L1 Input - Low Eta Sum
Entries 1.271748e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

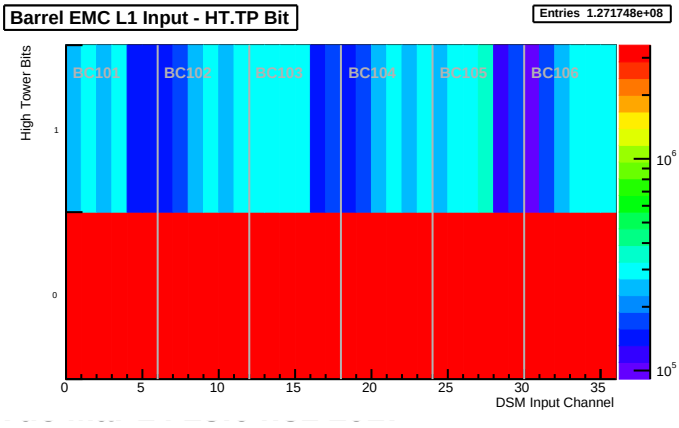

Barrel EMC L1 Input - Low Eta Sum
Entries 194104
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

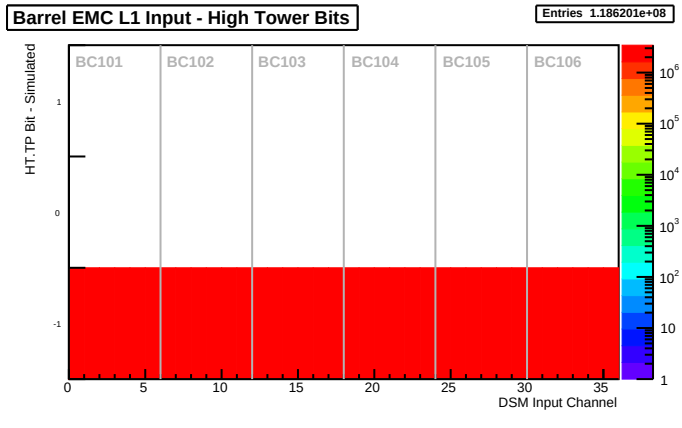

Barrel EMC L1 Input - High Eta Sum
Entries 1.271748e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

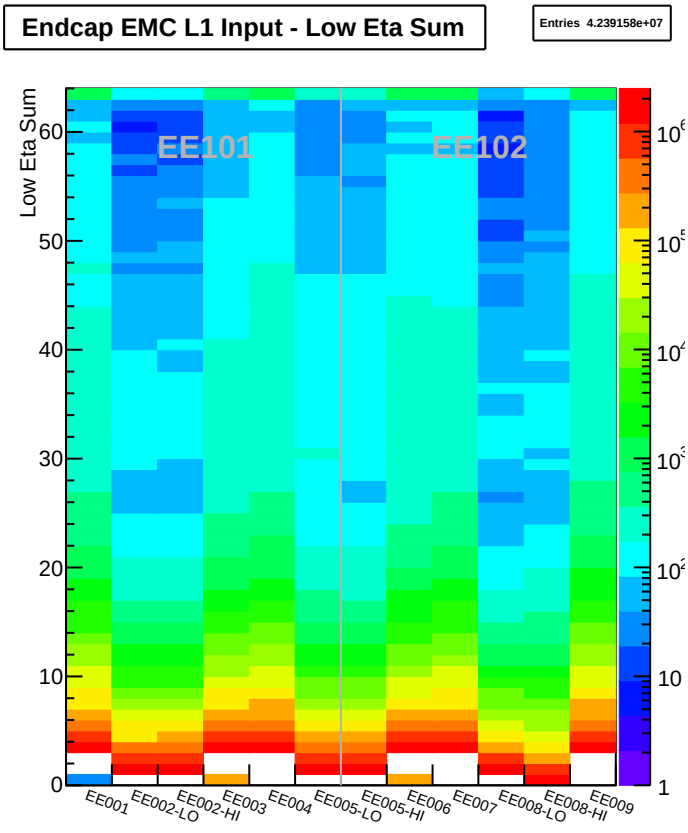

Barrel EMC L1 Input - High Eta Sum
Entries 176809
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

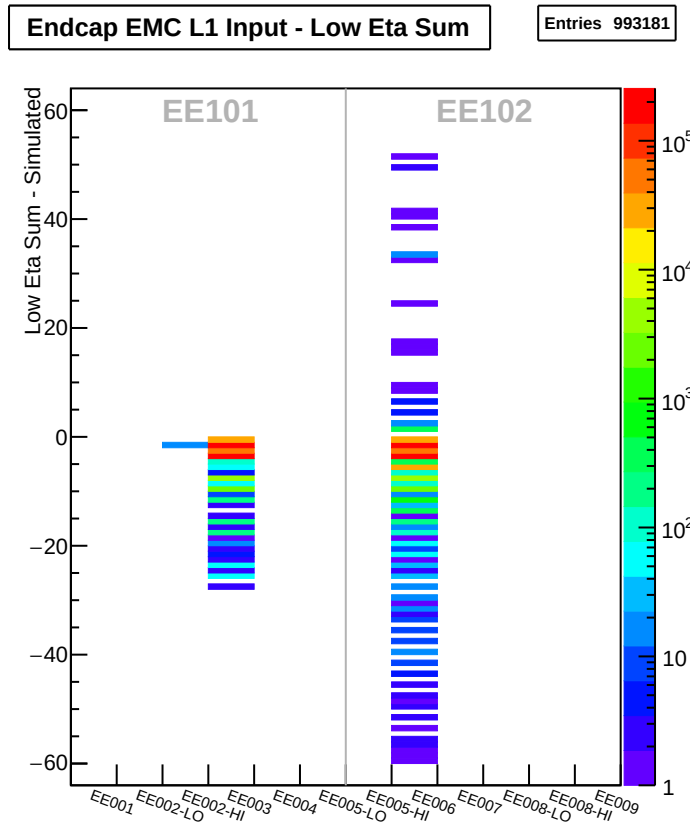

Barrel EMC L1 Input - High Tower Bits
Entries 1.271748e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

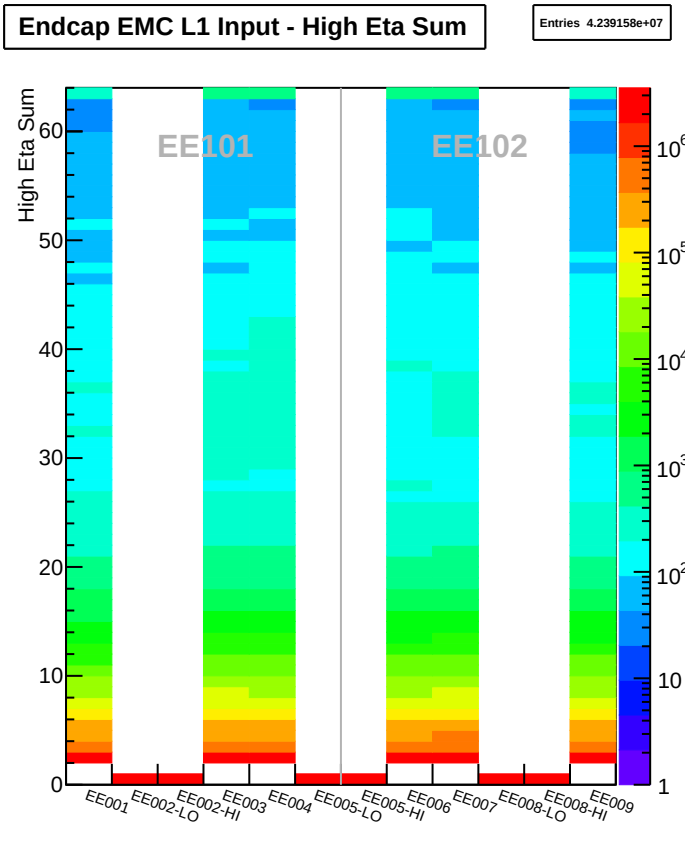

Barrel EMC L1 Input - High Tower Bits
Entries 1.270893e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

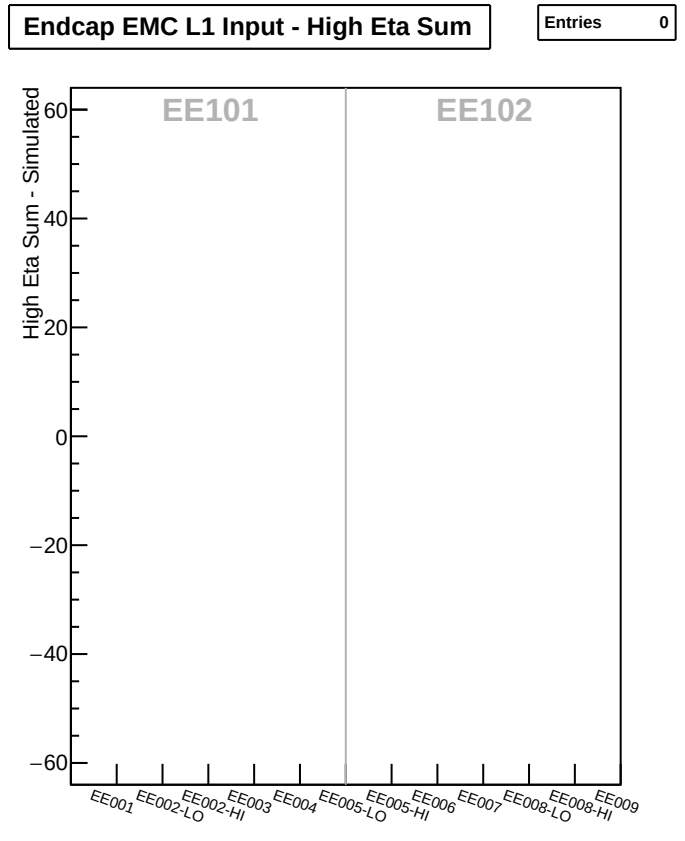

Barrel EMC L1 Input - HT.TP Bit
Entries 1.271748e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

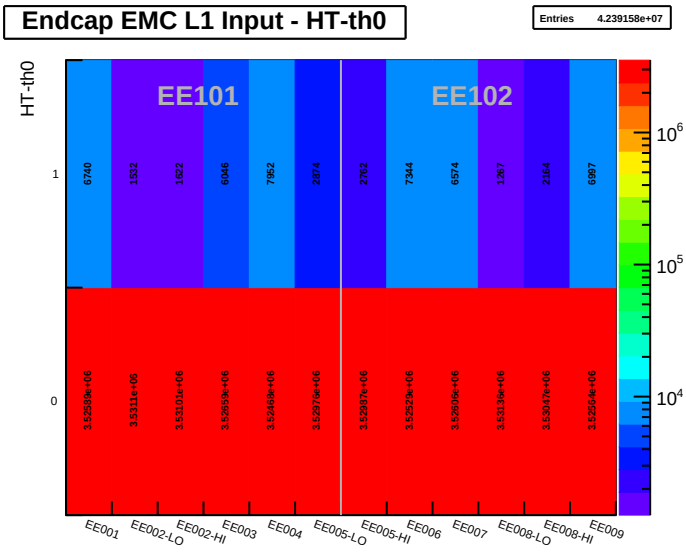

Barrel EMC L1 Input - High Tower Bits
Entries 1.186201e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

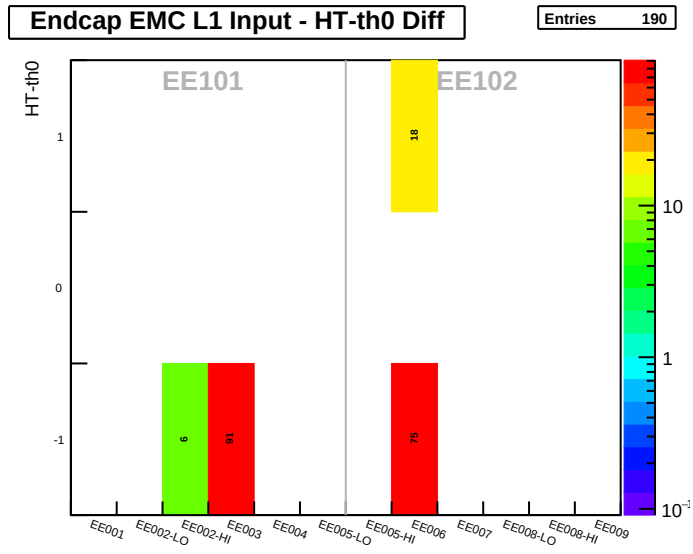

Endcap EMC L1 Input - Low Eta Sum
Entries 4.239158e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

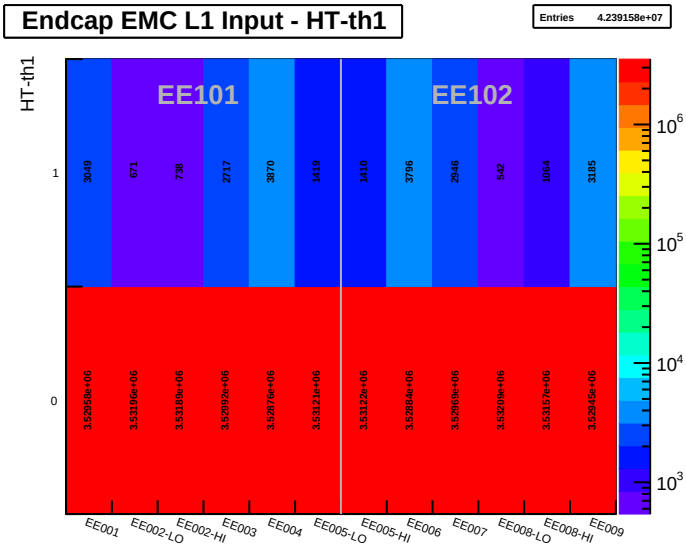

Endcap EMC L1 Input - Low Eta Sum
Entries 993181
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

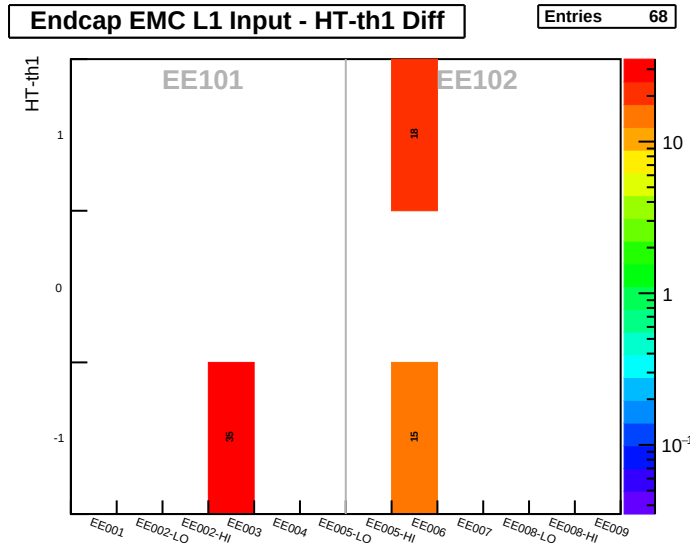

Endcap EMC L1 Input - High Eta Sum
Entries 4.239158e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

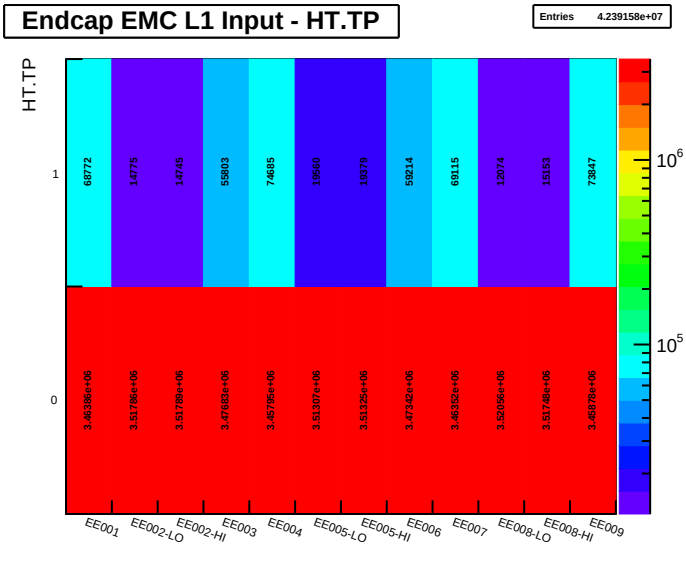

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

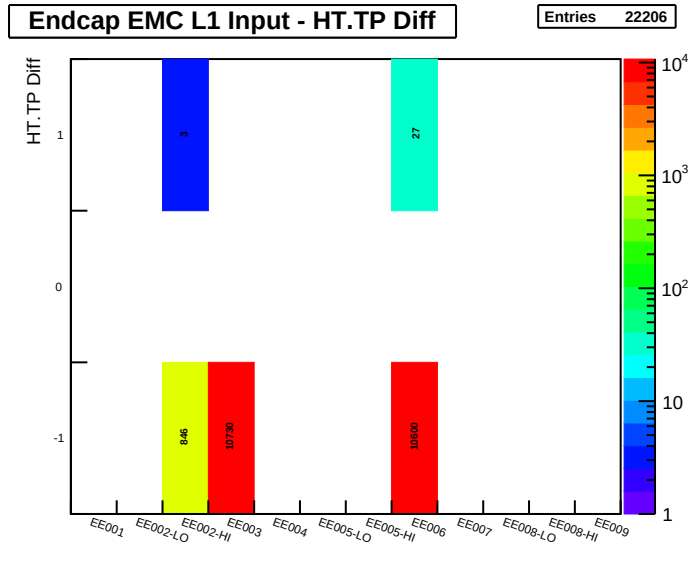

Endcap EMC L1 Input - HT-th0
Entries 4.239158e+07
HT-th0
EE101
EE102
6740 1532 1622 6046 7952 2874 2762 7344 6574 1267 2164 6997
3.52589e+06 3.53116e+06 3.53101e+06 3.52659e+06 3.52468e+06 3.52976e+06 3.52587e+06 3.52529e+06 3.52906e+06 3.53136e+06 3.53047e+06 3.52564e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

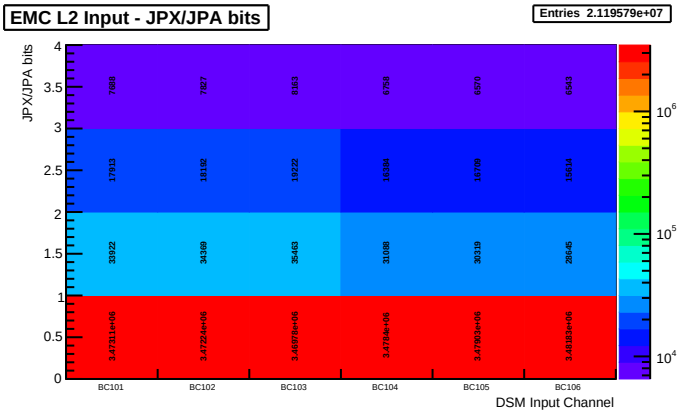

Endcap EMC L1 Input - HT-th0 Diff
Entries 190
HT-th0
EE101
EE102
18
6 91 75
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

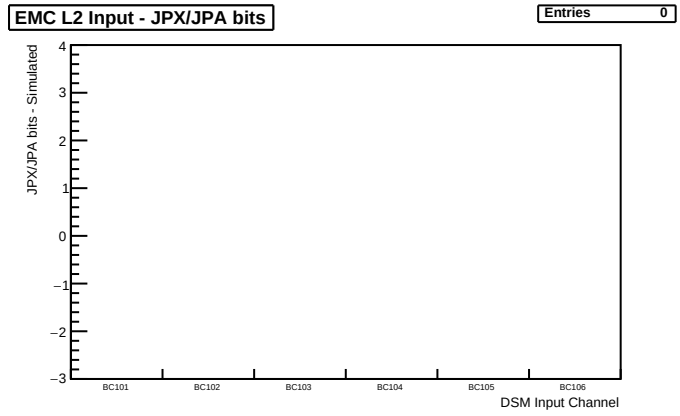

Endcap EMC L1 Input - HT-th1
Entries 4.239158e+07
HT-th1
EE101
EE102
3049 671 738 2717 3870 1419 1410 3796 2946 542 1064 3185
3.52958e+06 3.53196e+06 3.53180e+06 3.52992e+06 3.52876e+06 3.53121e+06 3.53122e+06 3.52894e+06 3.52969e+06 3.53209e+06 3.53157e+06 3.52945e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

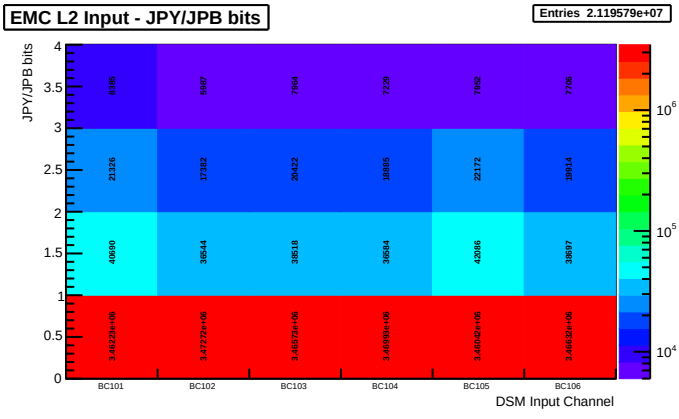

Endcap EMC L1 Input - HT-th1 Diff
Entries 68
HT-th1
EE101
EE102
18
35 15
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

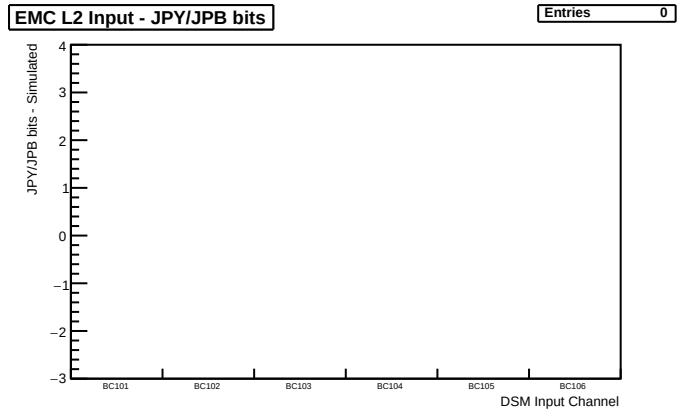

Endcap EMC L1 Input - HT.TP
Entries 4.239158e+07
HT.TP
68772 14775 14745 55803 74685 19560 19379 59214 69115 12074 15153 73847
3.46386e+06 3.51786e+06 3.51780e+06 3.47683e+06 3.45795e+06 3.51307e+06 3.51325e+06 3.47342e+06 3.46352e+06 3.52056e+06 3.51748e+06 3.45878e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

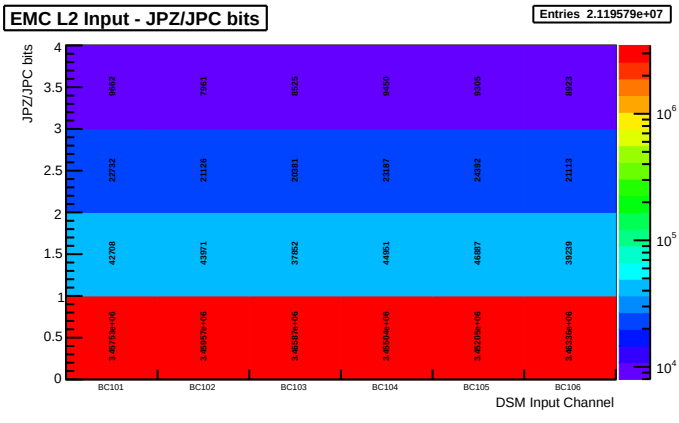

Endcap EMC L1 Input - HT.TP Diff
Entries 22206
HT.TP Diff
3
27
846 10730
10600
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

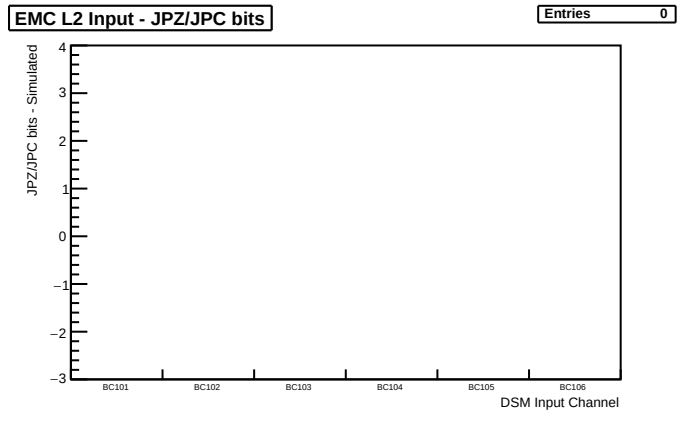

EMC L2 Input - JPX/JPA bits
Entries 2.119579e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
7638
7827
8163
6758
6570
6543
17913
18192
19222
16394
16709
15614
33922
34389
35463
31088
30319
28645
3.47311e+06
3.47224e+06
3.46978e+06
3.47194e+06
3.47003e+06
3.48183e+06

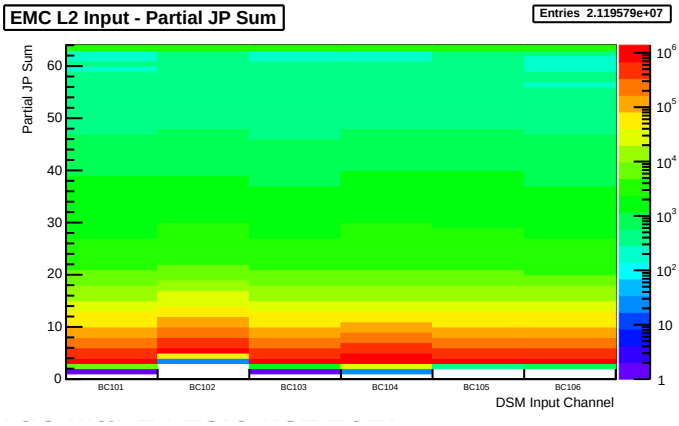

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

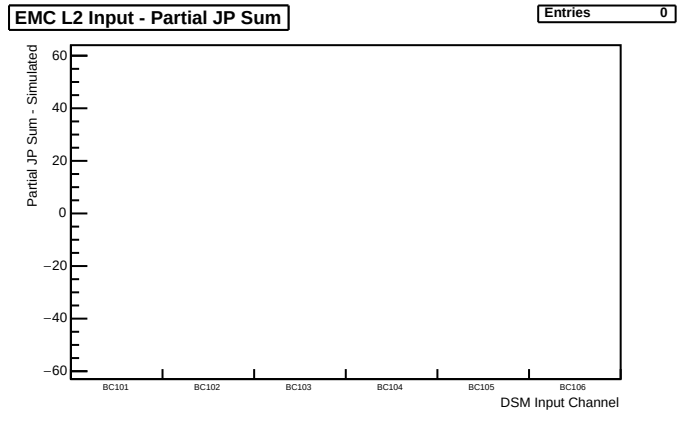

EMC L2 Input - JPY/JPB bits
Entries 2.119579e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8385
5997
7964
7229
7952
7706
21326
17382
20422
18885
22172
19914
40690
36544
38518
36584
42086
38697
3.46223e+06
3.47272e+06
3.46573e+06
3.46393e+06
3.46942e+06
3.46832e+06

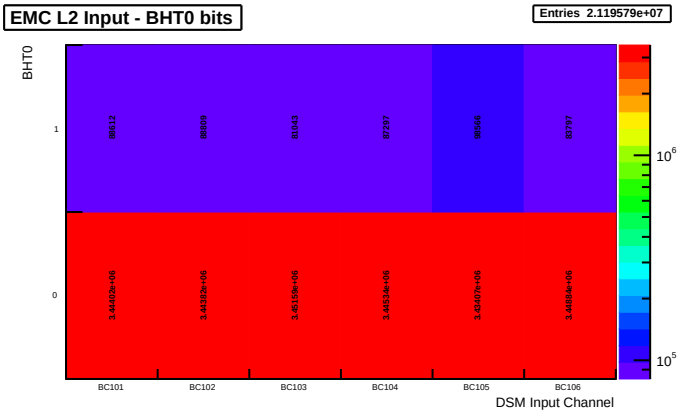

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

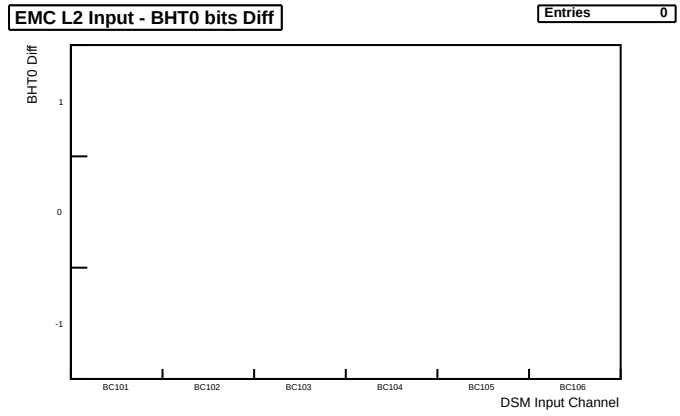

EMC L2 Input - JPZ/JPC bits
Entries 2.119579e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9662
7961
8525
9450
9305
8923
22732
21126
20381
23187
24392
21113
42708
43971
37852
44651
46887
39239
3.46753e+06
3.45957e+06
3.46557e+06
3.45504e+06
3.46295e+06
3.46336e+06

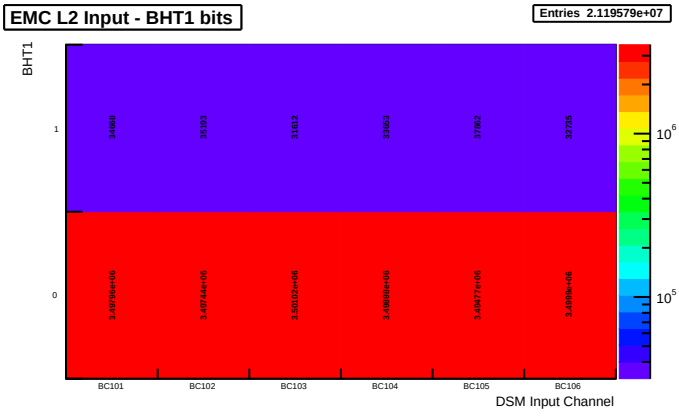

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

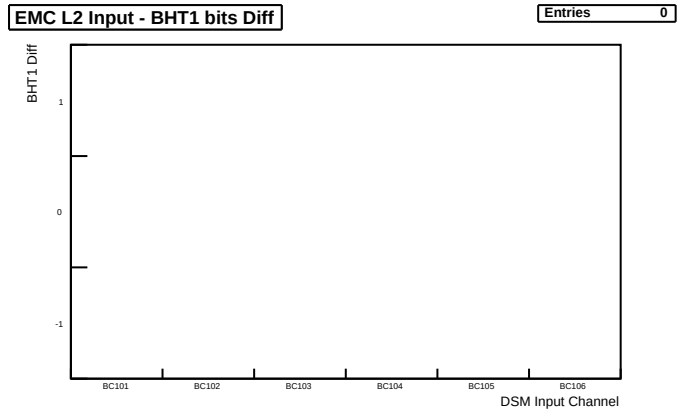

EMC L2 Input - Partial JP Sum
Entries 2.119579e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

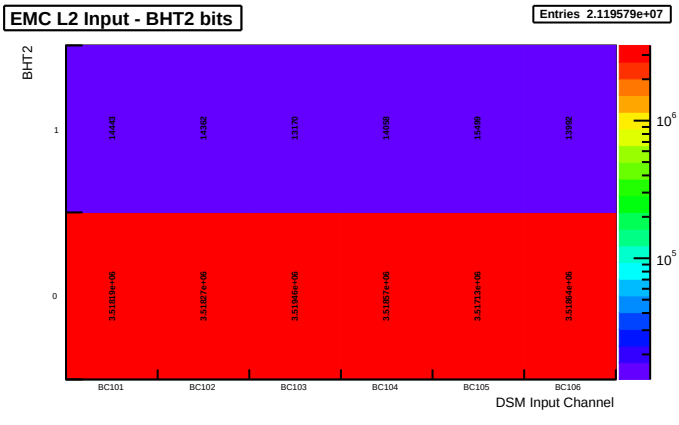

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

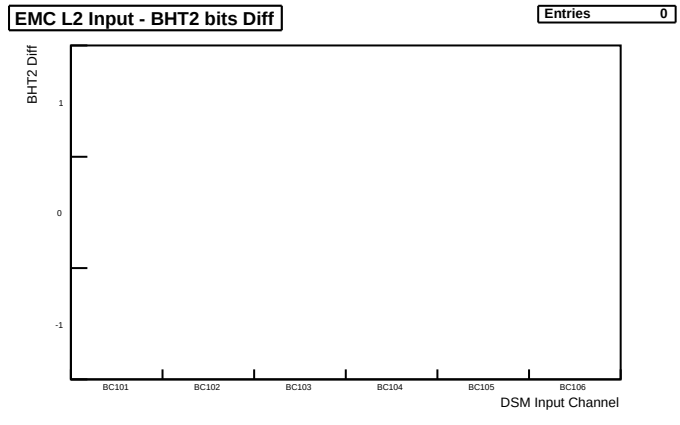

EMC L2 Input - BHT0 bits
Entries 2.119579e+07
BHT0
1
0
88612
89309
81043
67237
98956
83707
3.44402e+06
3.44382e+06
3.45159e+06
3.44534e+06
3.43407e+06
3.44834e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

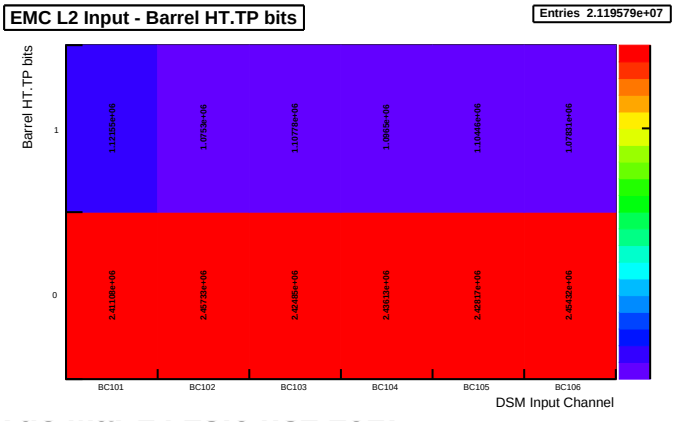

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

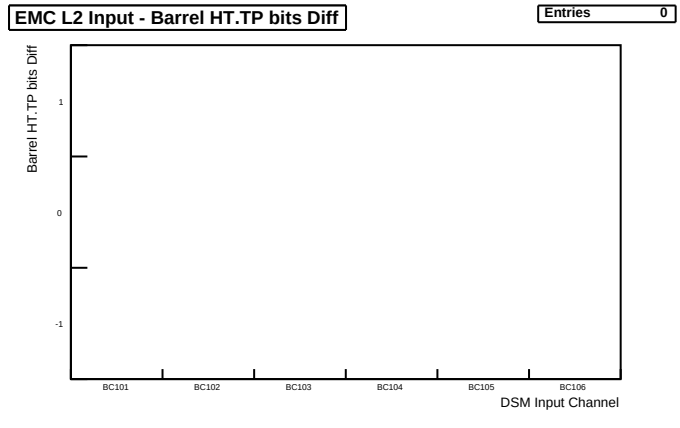

EMC L2 Input - BHT1 bits
Entries 2.119579e+07
BHT1
1
0
34668
35193
31612
33653
37862
32735
3.49796e+06
3.49744e+06
3.50102e+06
3.49899e+06
3.49477e+06
3.4999e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

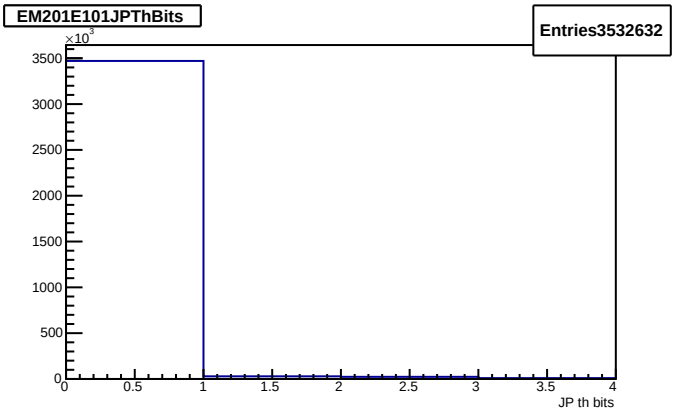

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

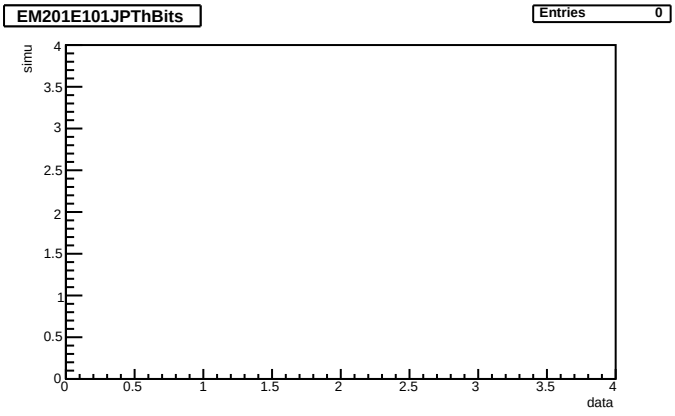

EMC L2 Input - BHT2 bits
Entries 2.119579e+07
BHT2
1
0
14443
14352
13170
14053
15489
13392
3.51839e+06
3.51827e+06
3.51946e+06
3.51857e+06
3.51713e+06
3.51864e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

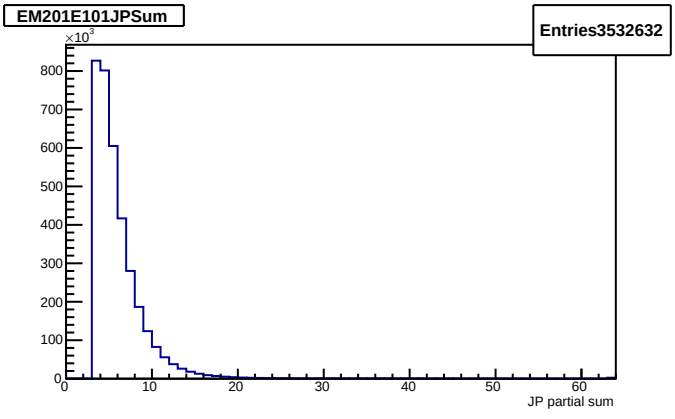

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

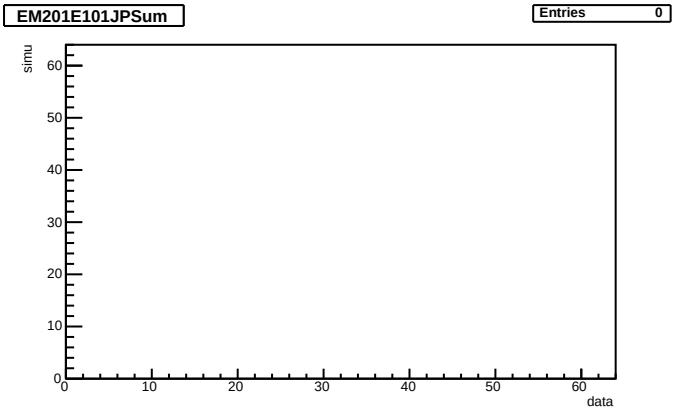

EMC L2 Input - Barrel HT.TP bits
Entries 2.119579e+07
Barrel HT.TP bits
1
0
-1.12255e+06
1.07538e+06
1.10779e+06
1.09556e+06
1.10446e+06
1.07831e+06
2.41108e+06
2.45733e+06
2.42485e+06
2.43613e+06
2.42617e+06
2.45432e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

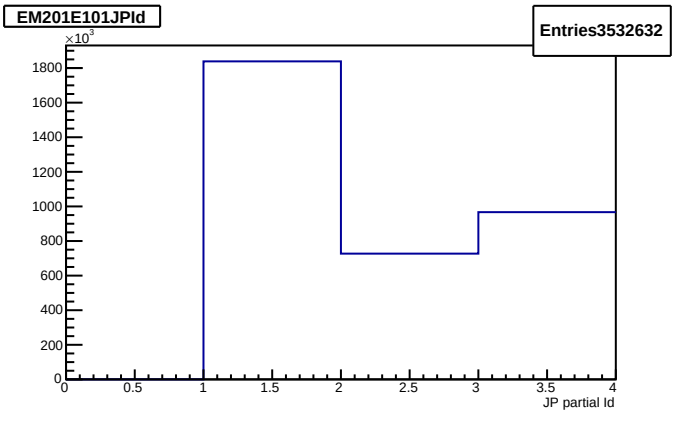

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

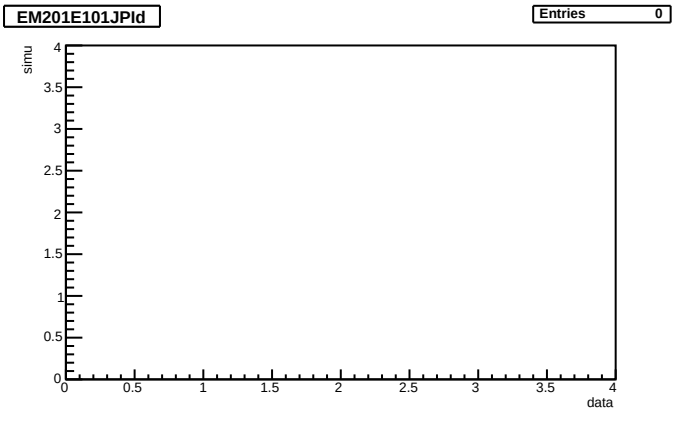

EM201E101JPThBits
Entries3532632
×10^3
JP th bits

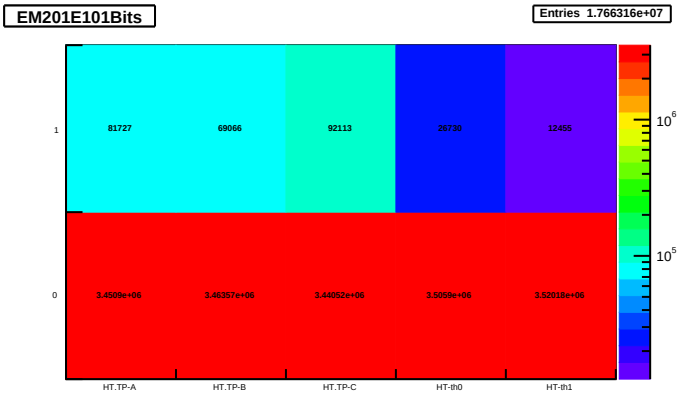

EM201E101JPThBits
Entries 0
simu
data

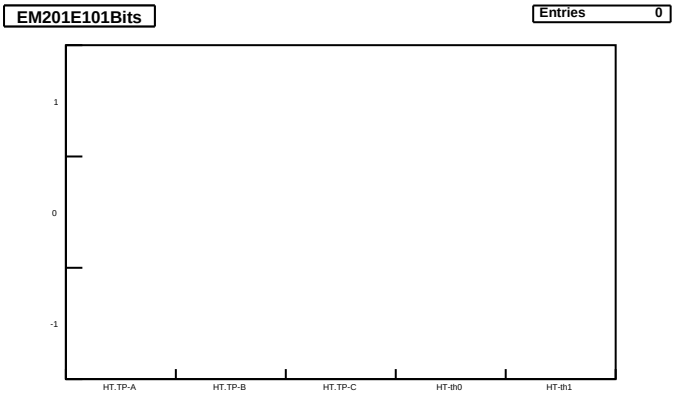

EM201E101JPSum
Entries3532632
×10^3
JP partial sum

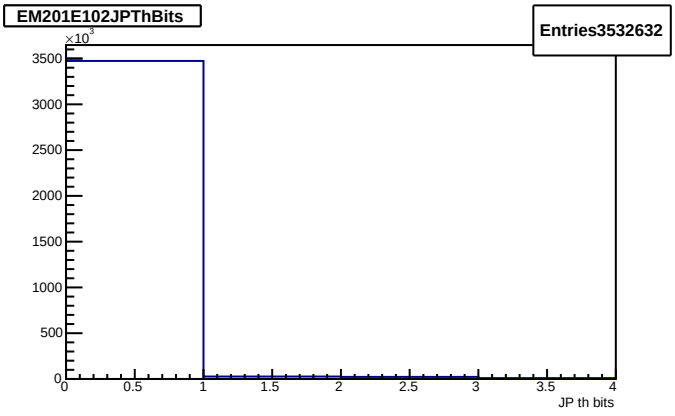

EM201E101JPSum
Entries 0
simu
data

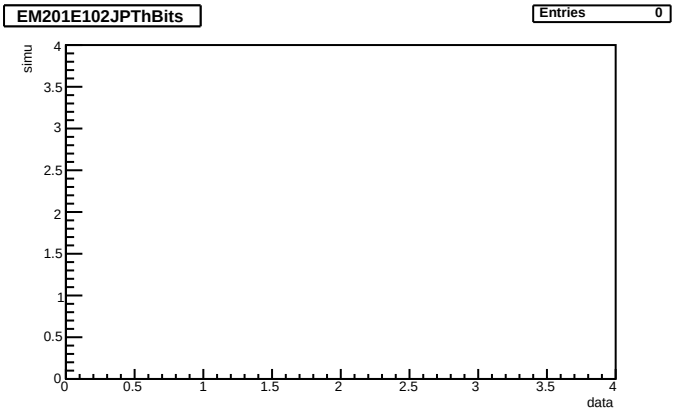

EM201E101JPId
Entries3532632
×10^3
JP partial Id

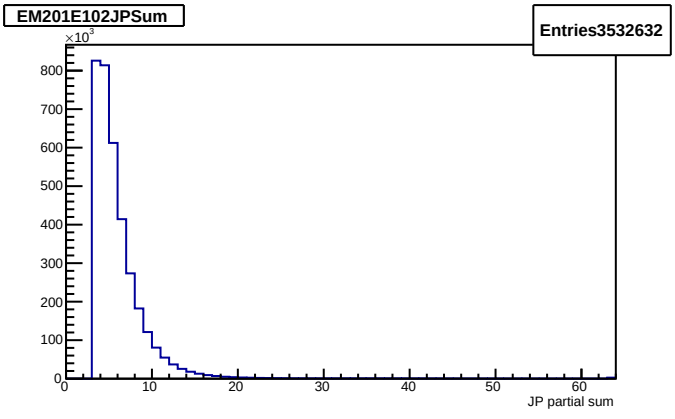

EM201E101JPId
Entries 0
simu
data

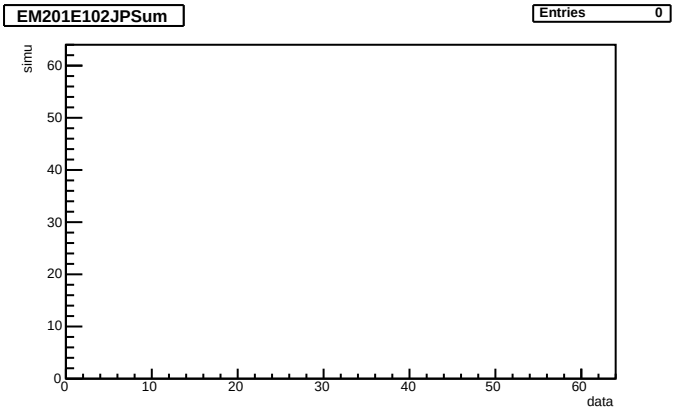

EM201E101Bits
Entries 1.766316e+07
81727
69066
92113
20730
12455
3.4509e+06
3.46357e+06
3.44052e+06
3.5059e+06
3.52018e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

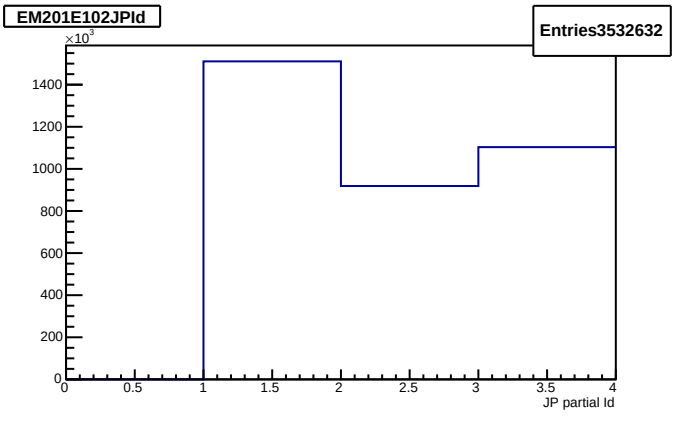

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

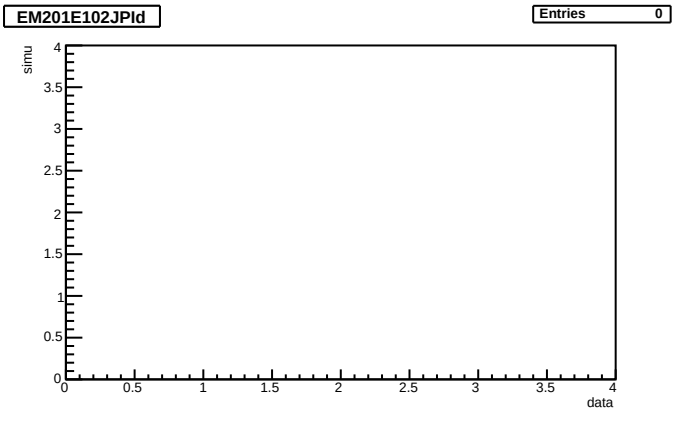

EM201E102JPThBits
Entries3532632
×10^3
JP th bits

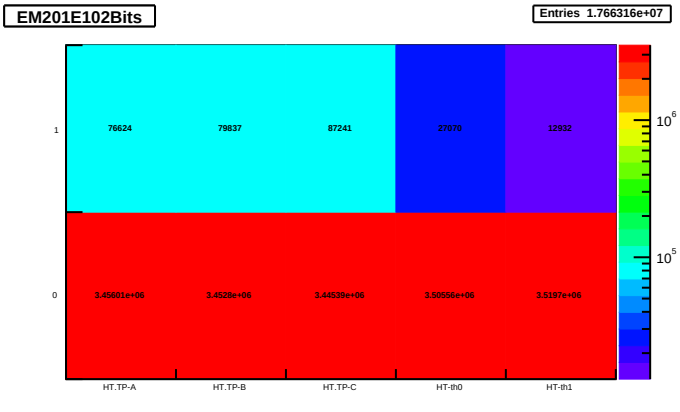

EM201E102JPThBits
Entries 0
simu
data

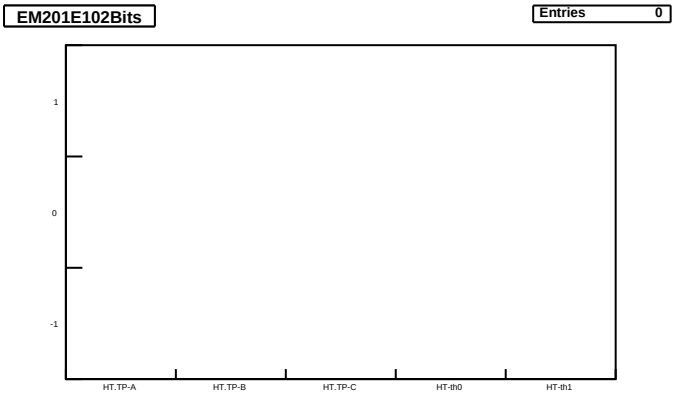

EM201E102JPSum
Entries3532632
×10^3
JP partial sum

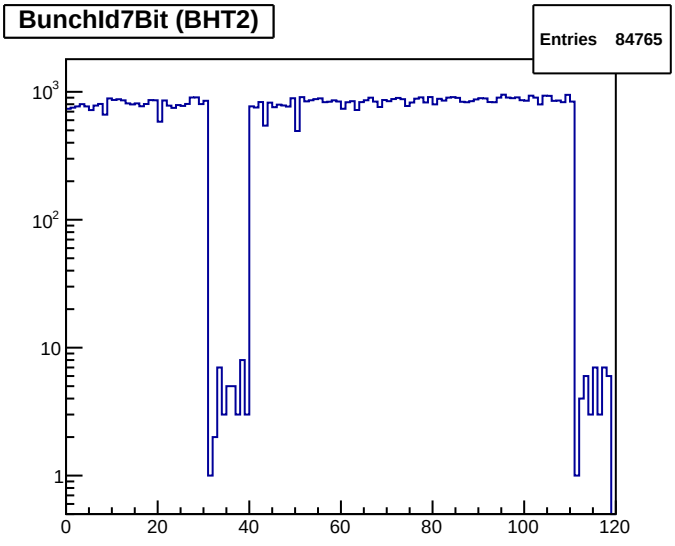

EM201E102JPSum
Entries 0
simu
data

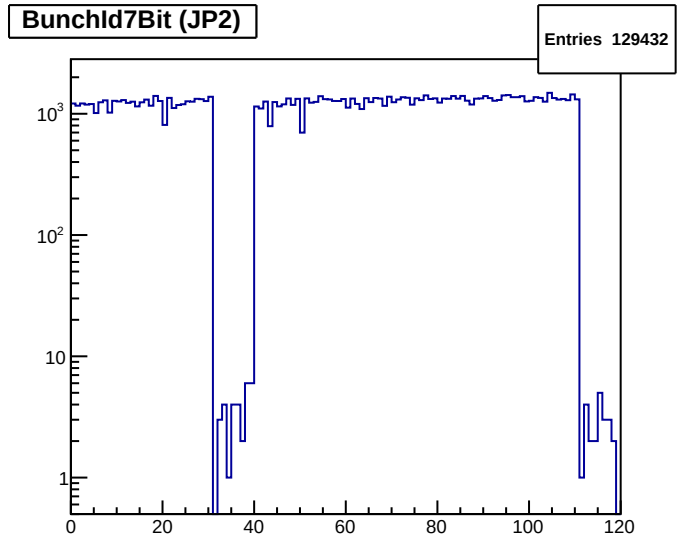

EM201E102JPId
Entries3532632
×10^3
JP partial Id

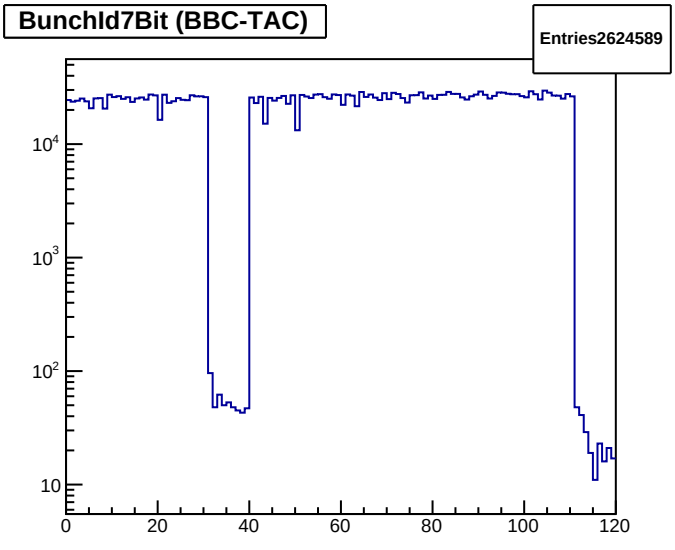

EM201E102JPId
Entries 0
simu
data

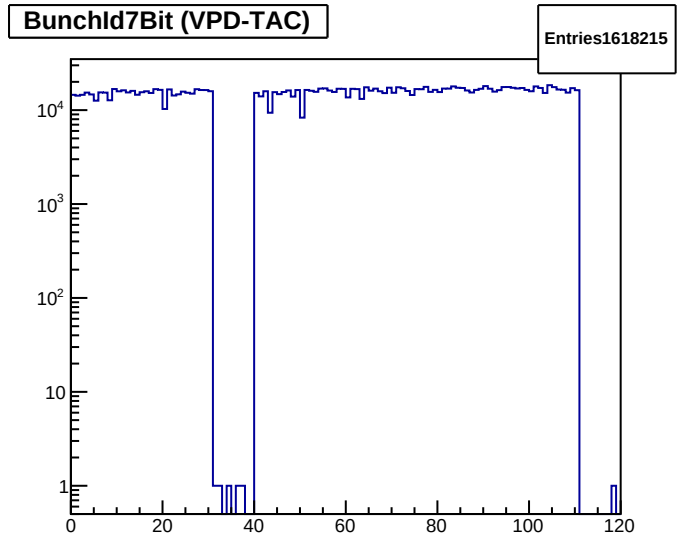

EM201E102Bits
Entries 1.766316e+07
76624
79837
87241
27070
12932
3.45601e+06
3.4528e+06
3.44539e+06
3.50556e+06
3.5197e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

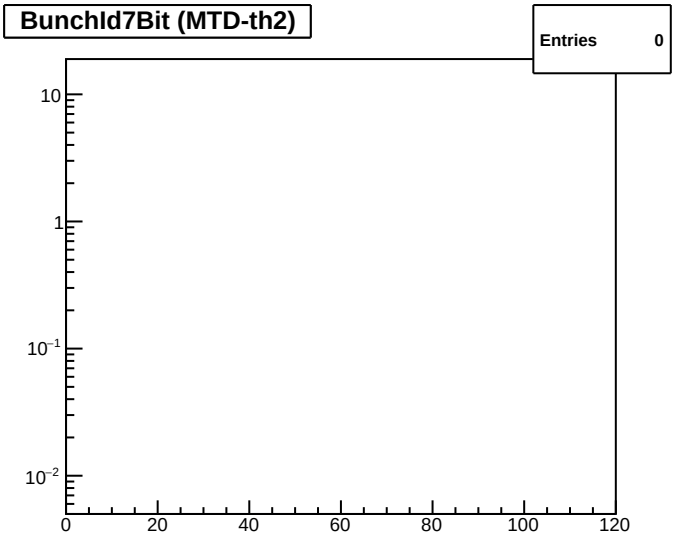

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

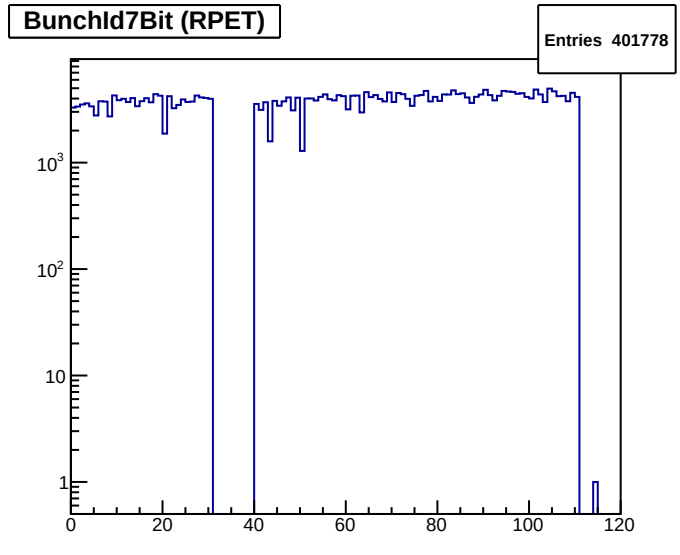

BunchId7Bit (BHT2)
Entries 84765

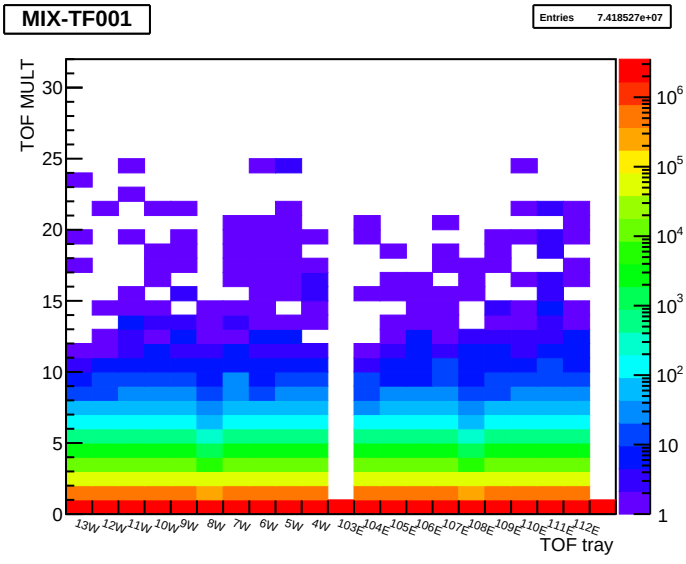

BunchId7Bit (JP2)
Entries 129432

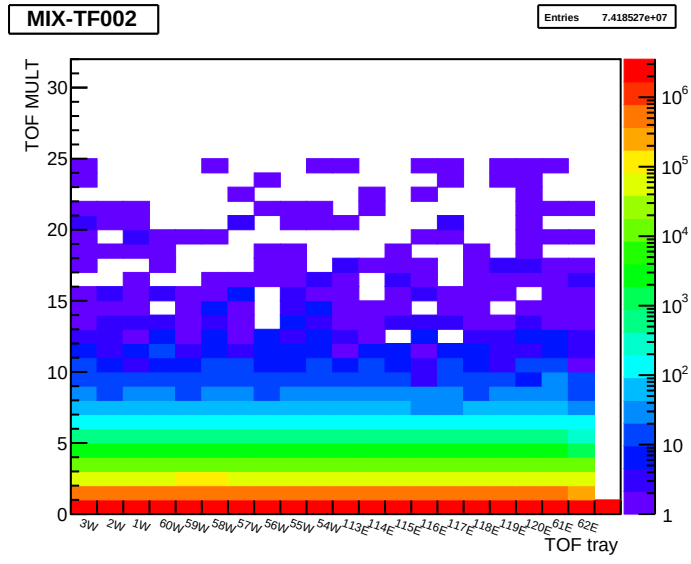

BunchId7Bit (BBC-TAC)
Entries2624589

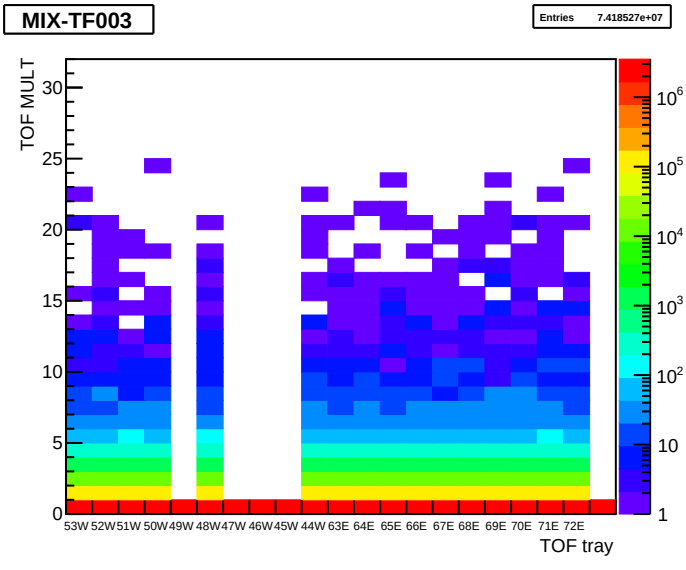

BunchId7Bit (VPD-TAC)
Entries1618215

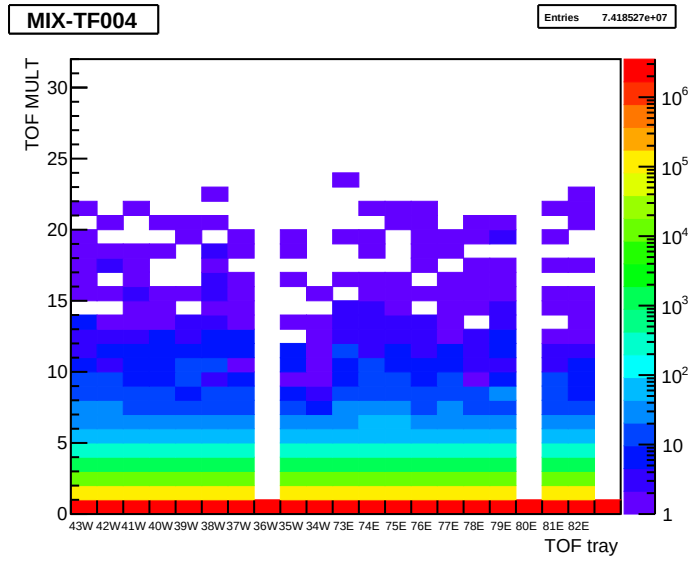

BunchId7Bit (MTD-th2)
Entries 0

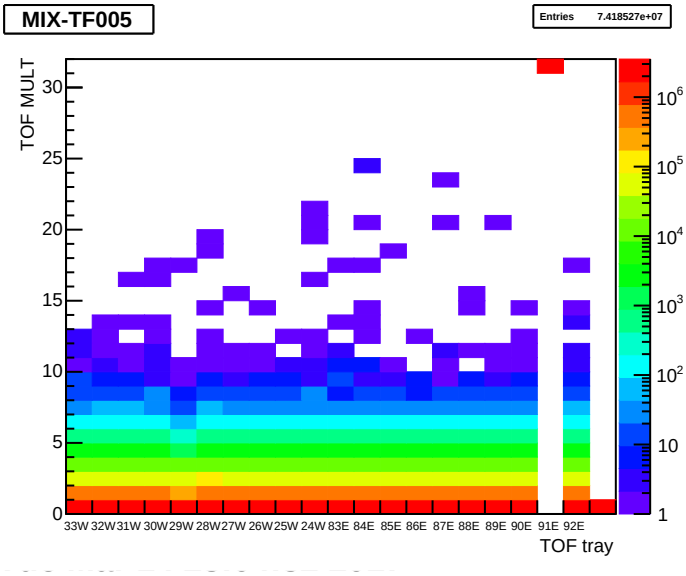

BunchId7Bit (RPET)
Entries 401778

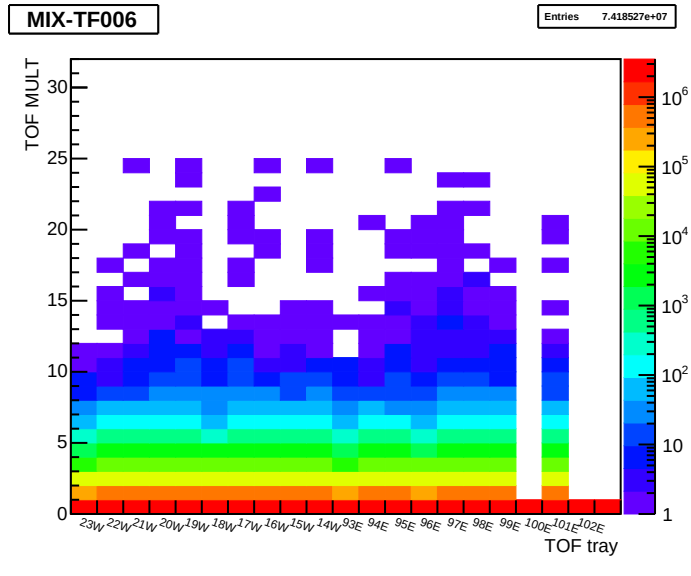

MIX-TF001
Entries 7.418527e+07
TOF MULT
TOF tray

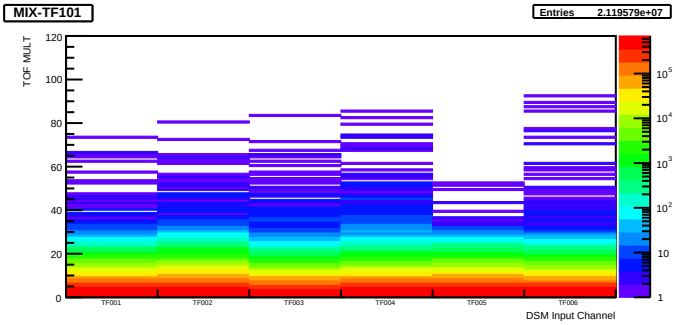

MIX-TF002
Entries 7.418527e+07
TOF MULT
TOF tray

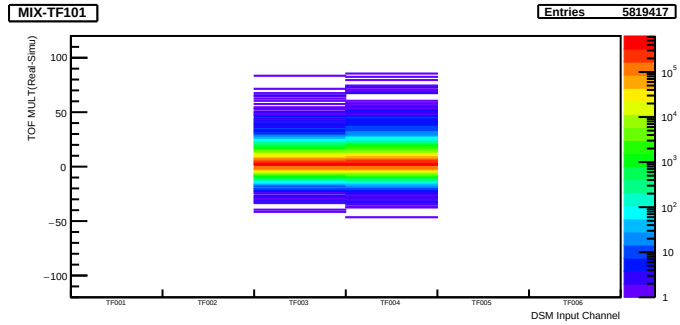

MIX-TF003
Entries 7.418527e+07
TOF MULT
TOF tray

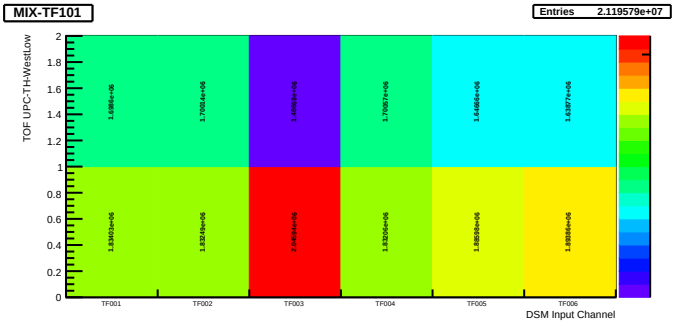

MIX-TF004
Entries 7.418527e+07
TOF MULT
TOF tray

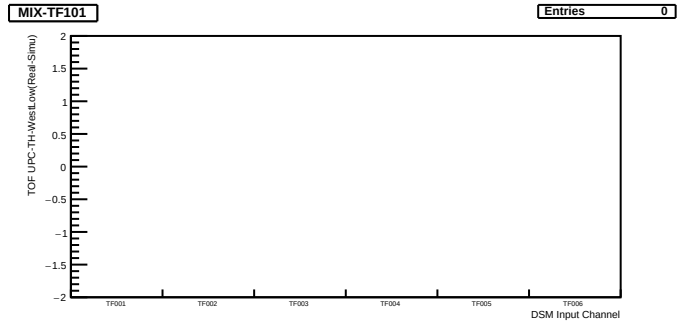

MIX-TF005
Entries 7.418527e+07
TOF MULT
TOF tray

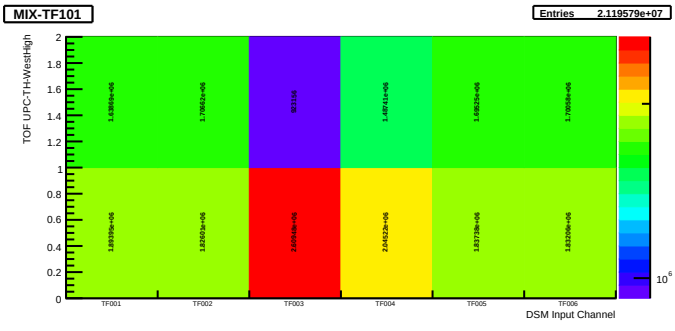

MIX-TF006
Entries 7.418527e+07
TOF MULT
TOF tray

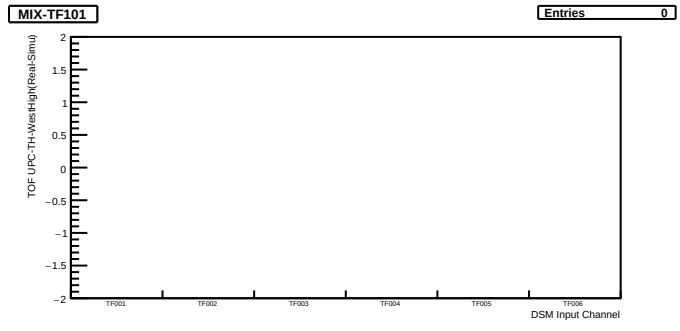

MIX-TF101
Entries 2.119579e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

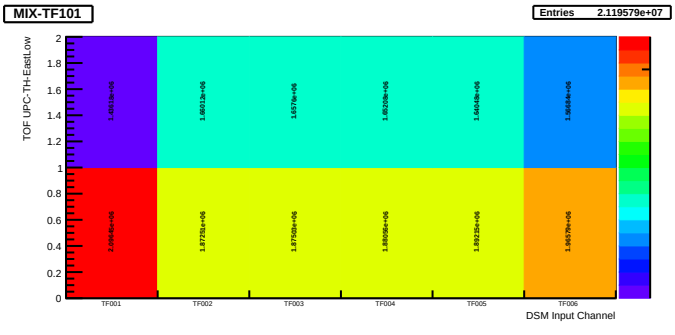

MIX-TF101
Entries 5819417
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

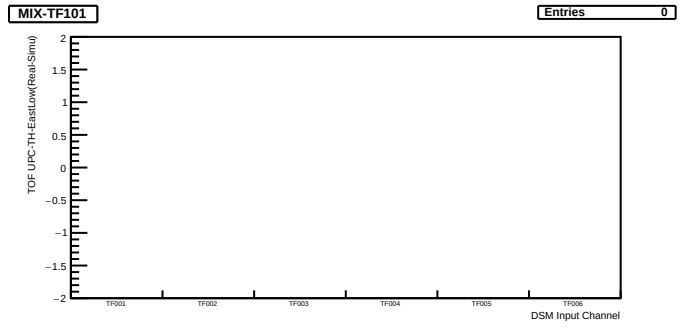

MIX-TF101
Entries 2.119579e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

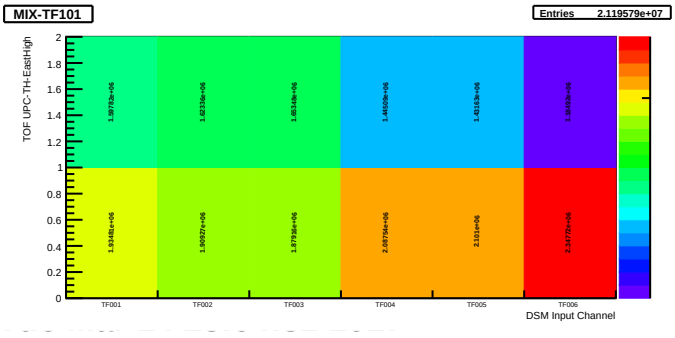

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

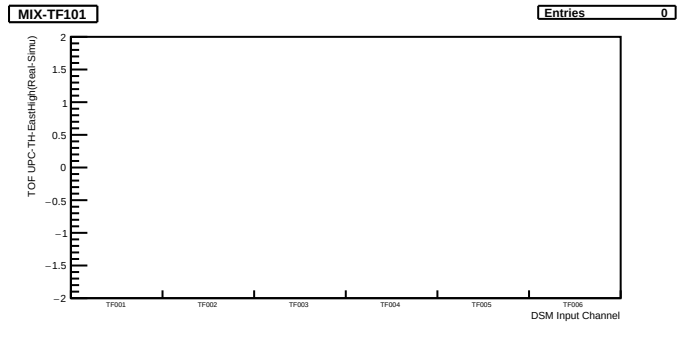

MIX-TF101
Entries 2.119579e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

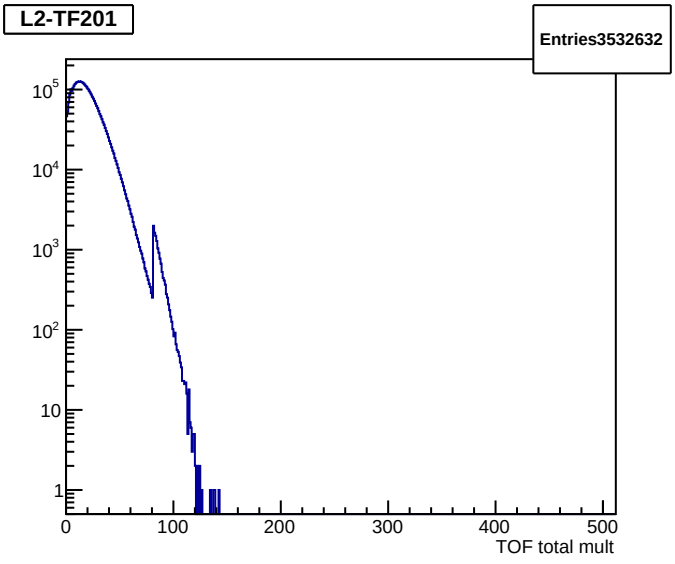

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

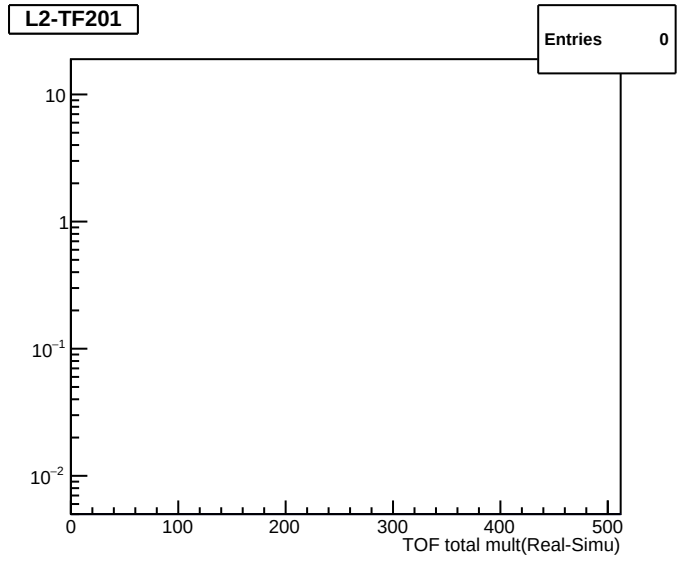

MIX-TF101
Entries 2.119579e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

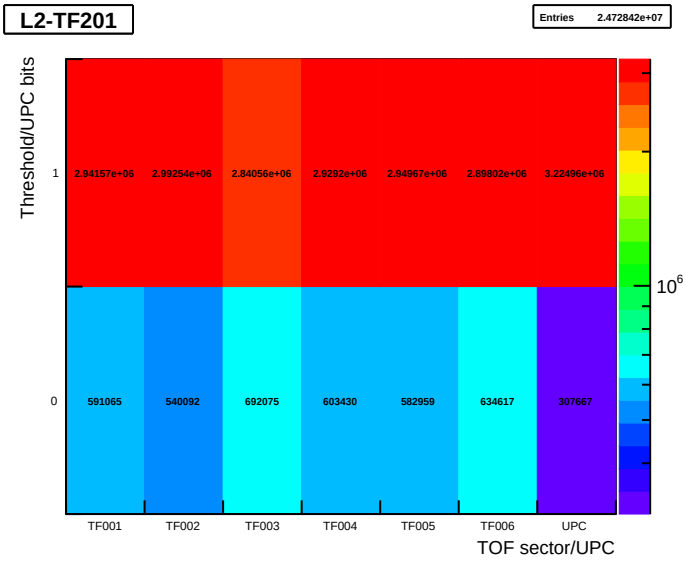

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

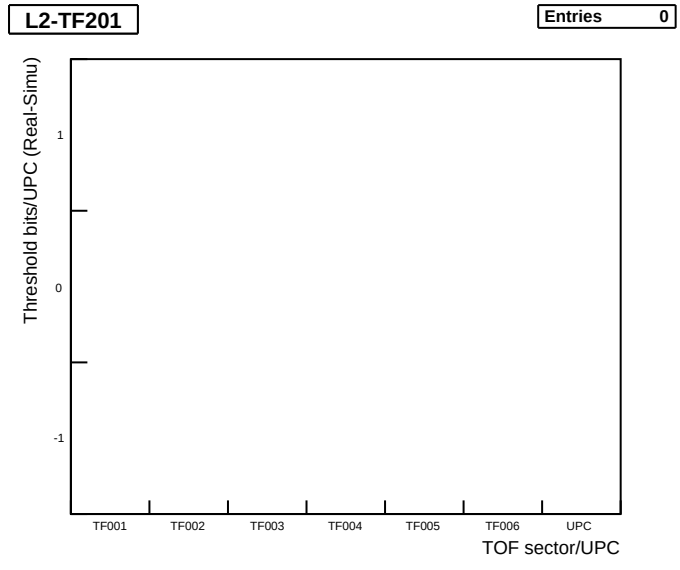

MIX-TF101
Entries 2.119579e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

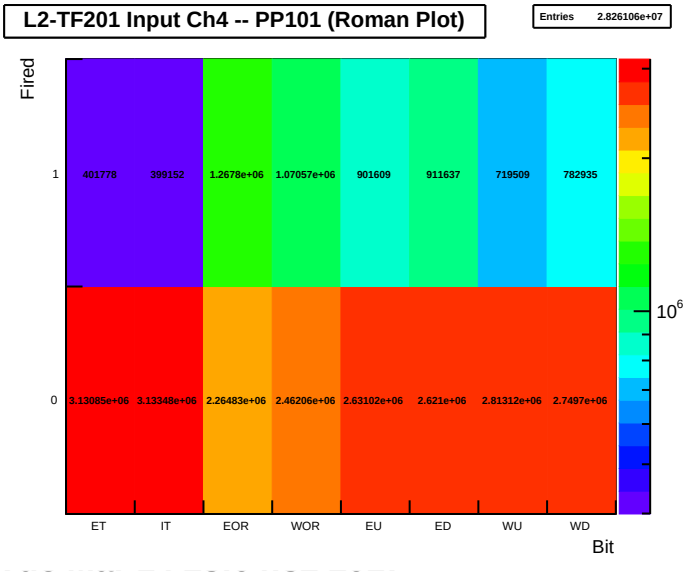

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

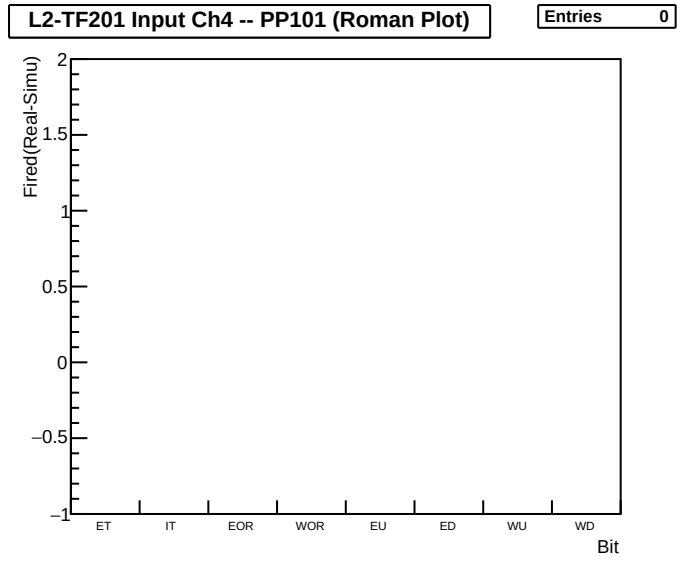

L2-TF201
Entries3532632
TOF total mult

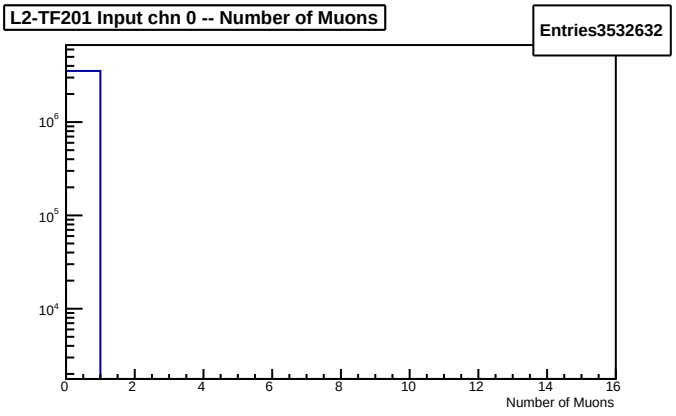

L2-TF201
Entries 0
TOF total mult(Real-Simu)

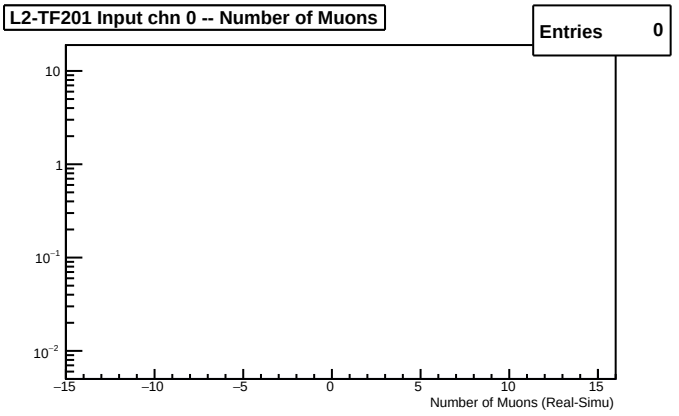

L2-TF201
Entries 2.472842e+07
Threshold/UPC bits
2.94157e+06
2.99254e+06
2.84056e+06
2.9292e+06
2.94967e+06
2.89802e+06
3.22496e+06
591065
540092
692075
603430
582959
634617
307667
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

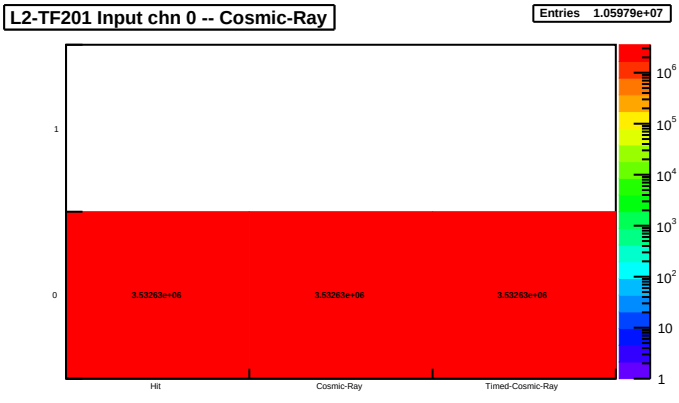

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

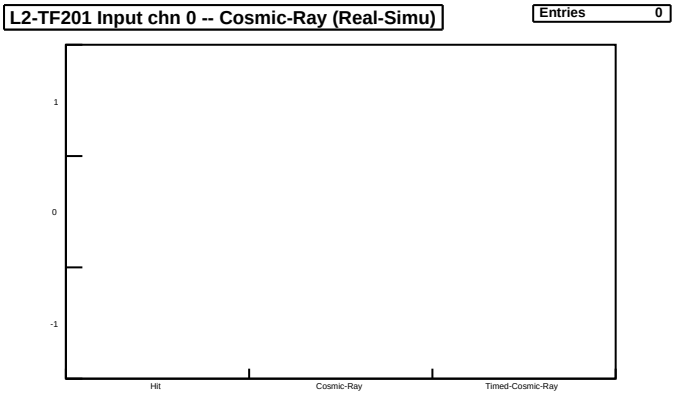

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.826106e+07
Fired
401778
399152
1.2678e+06
1.07057e+06
901609
911637
719509
782935
3.13085e+06
3.13348e+06
2.26483e+06
2.46206e+06
2.63102e+06
2.621e+06
2.81312e+06
2.7497e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

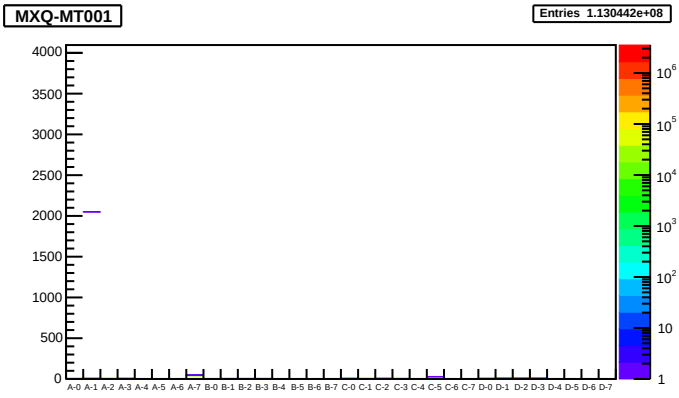

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

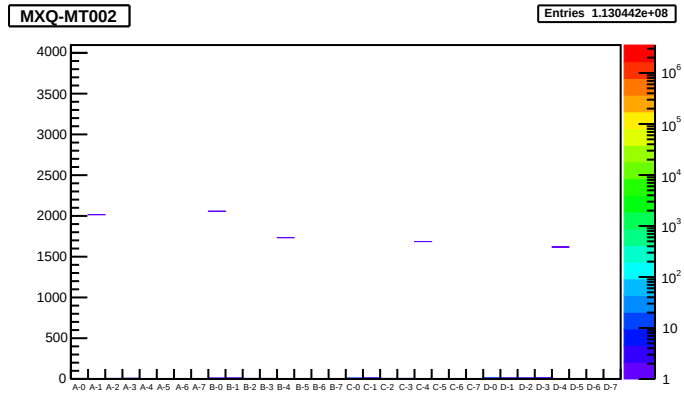

L2-TF201 Input chn 0 -- Number of Muons
Entries3532632
Number of Muons

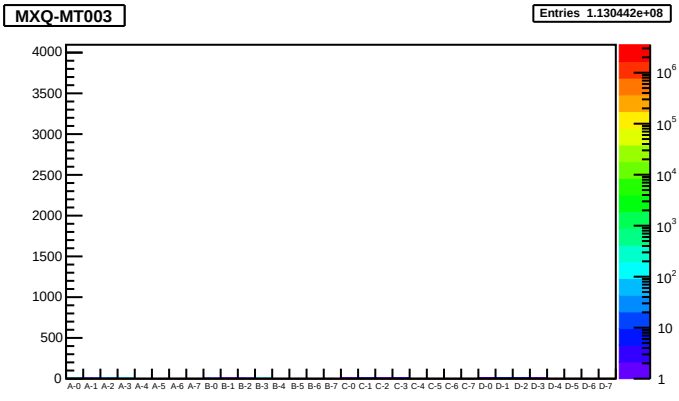

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

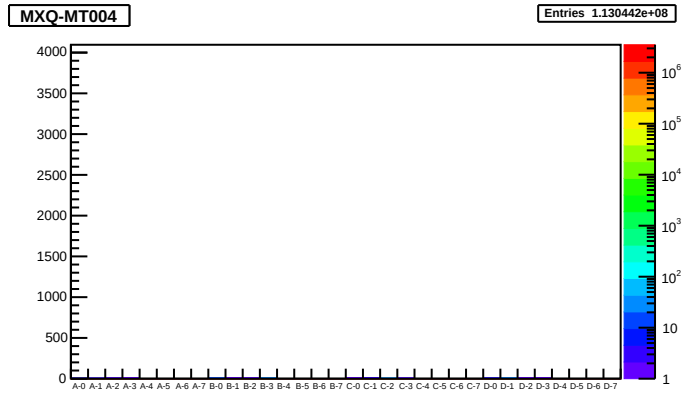

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.05979e+07
3.53263e+06
3.53263e+06
3.53263e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

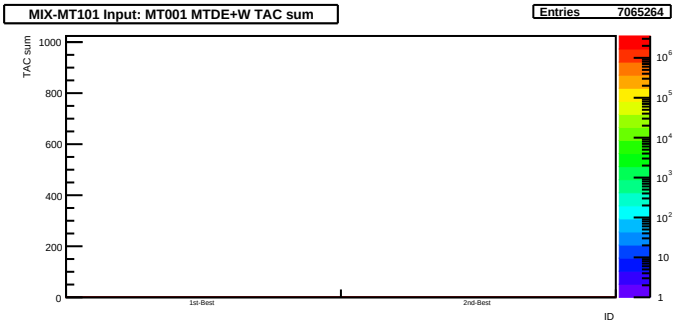

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

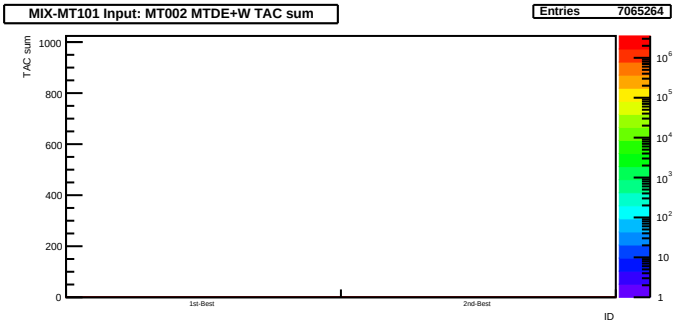

MXQ-MT001
Entries 1.130442e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

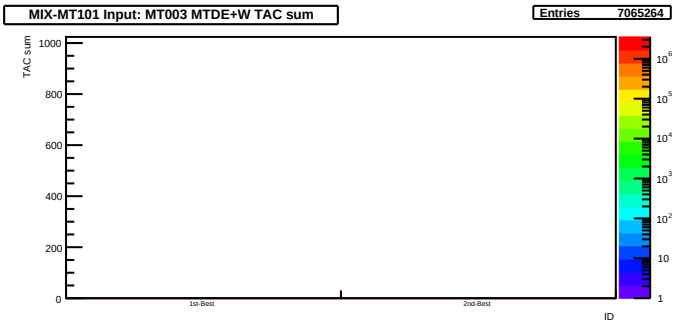

MXQ-MT002
Entries 1.130442e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

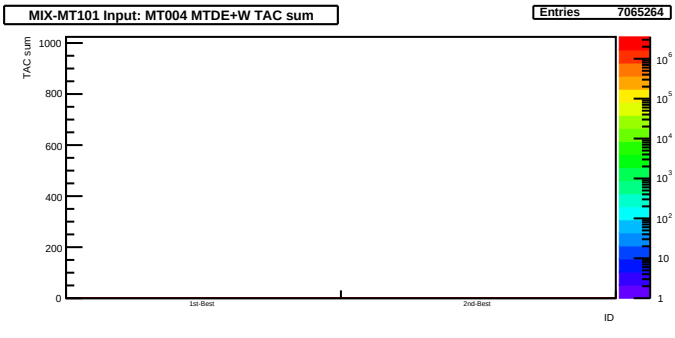

MXQ-MT003
Entries 1.130442e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

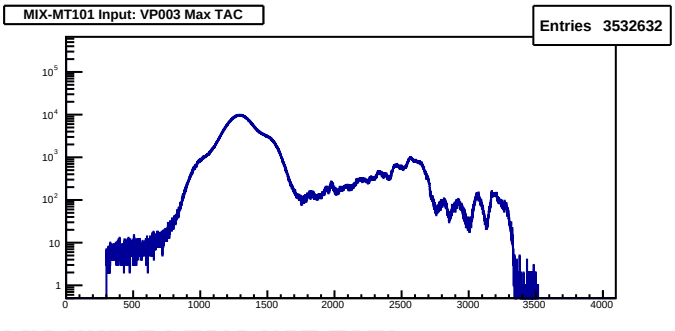

MXQ-MT004
Entries 1.130442e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

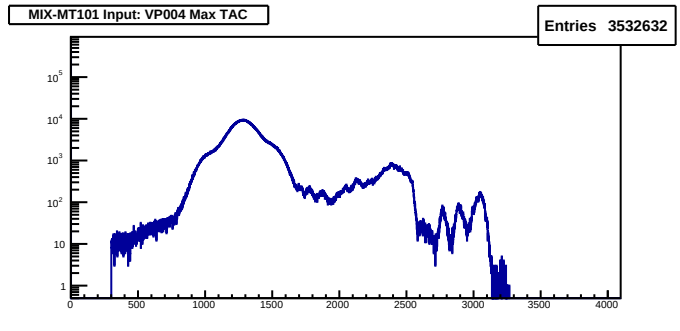

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 7065264
TAC sum
1st-Best
2nd-Best
ID

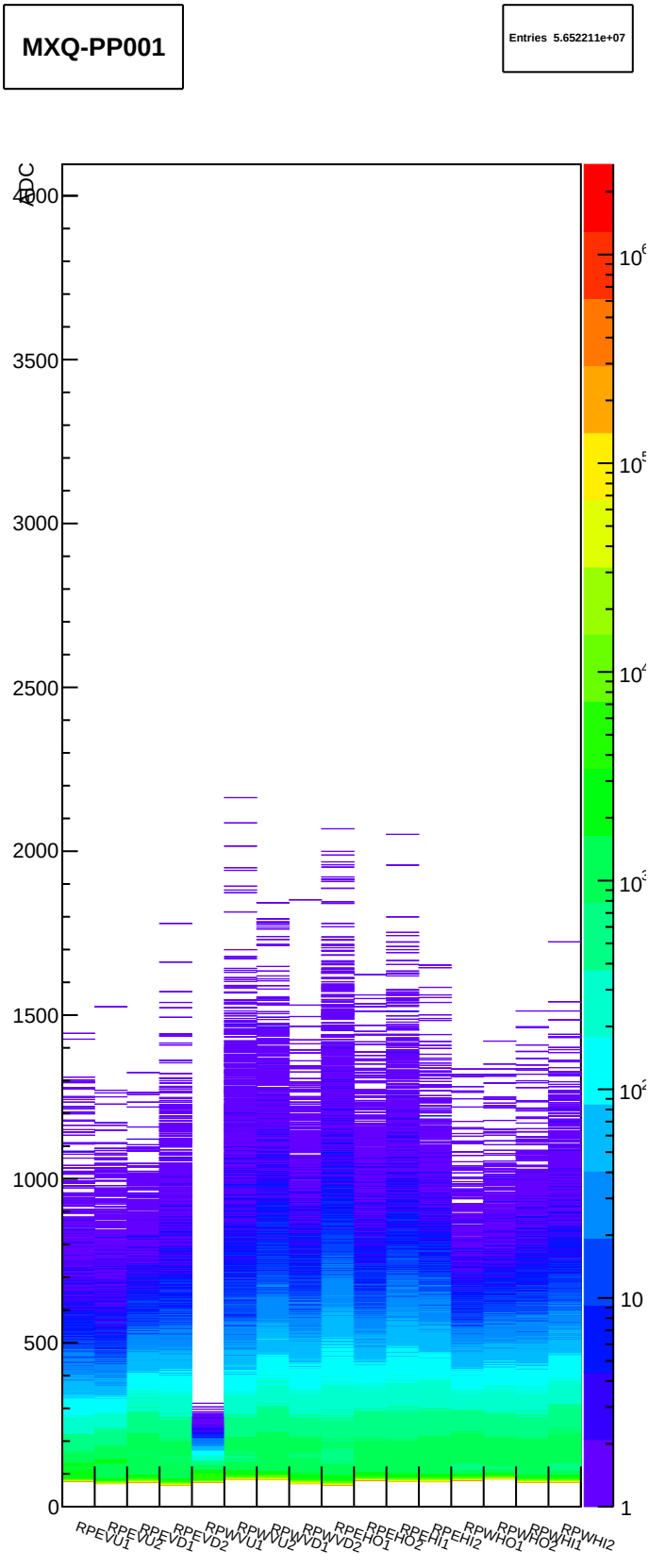

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 7065264
TAC sum
1st-Best
2nd-Best
ID

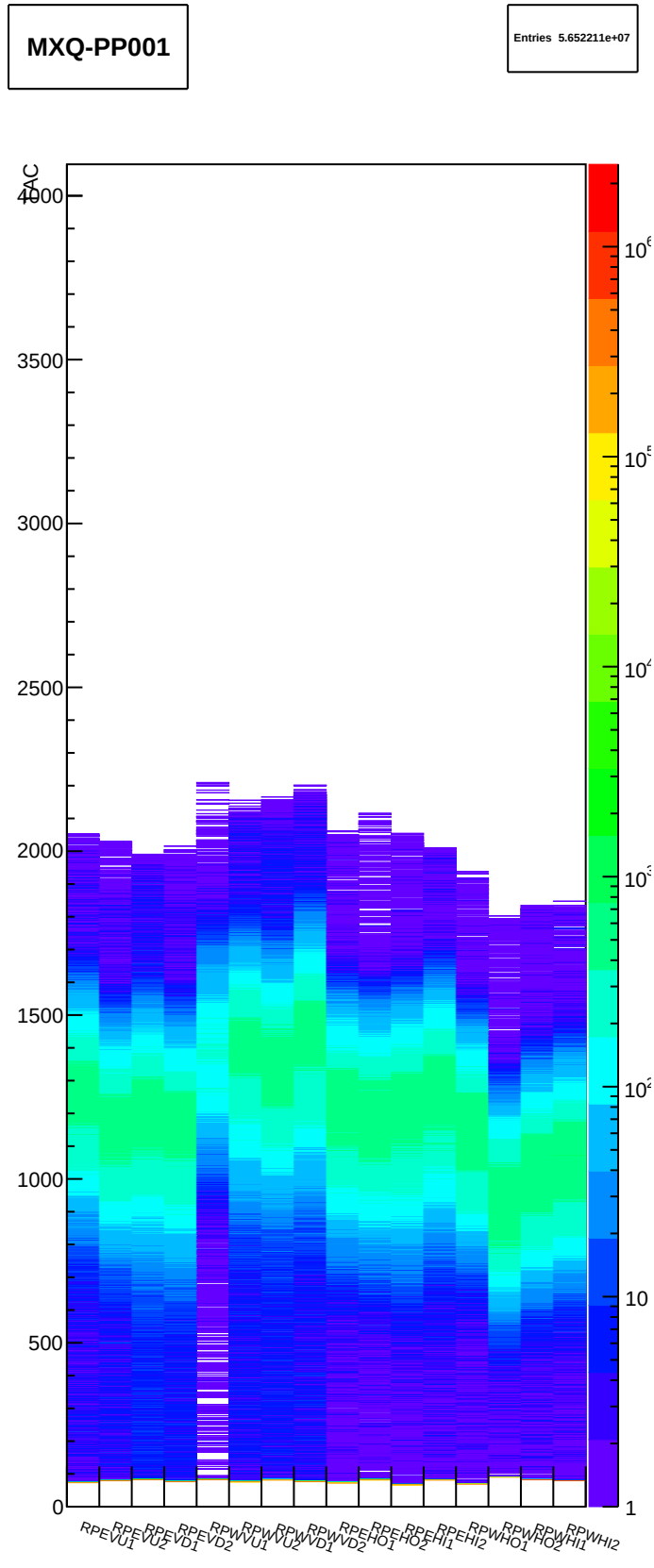

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 7065264
TAC sum
1st-Best
2nd-Best
ID

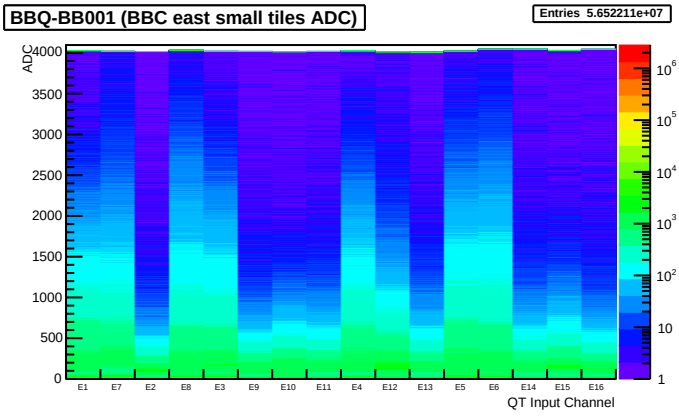

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 7065264
TAC sum
1st-Best
2nd-Best
ID

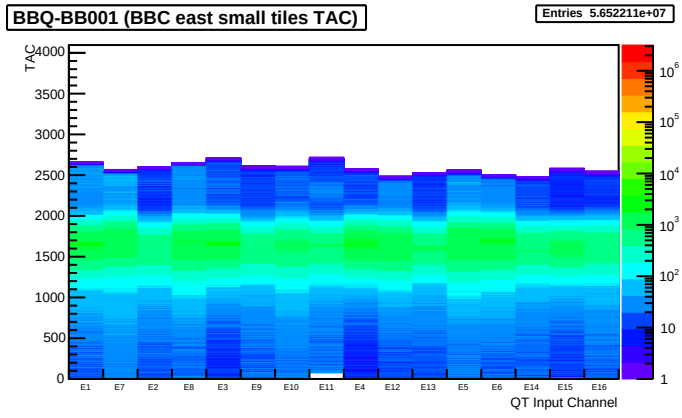

MIX-MT101 Input: VP003 Max TAC
Entries 3532632

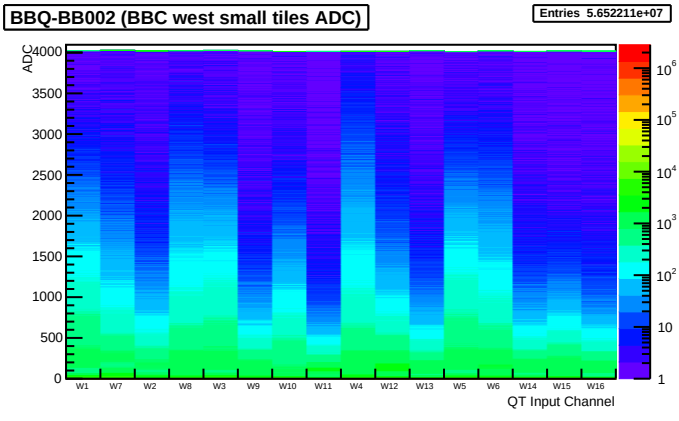

MIX-MT101 Input: VP004 Max TAC
Entries 3532632

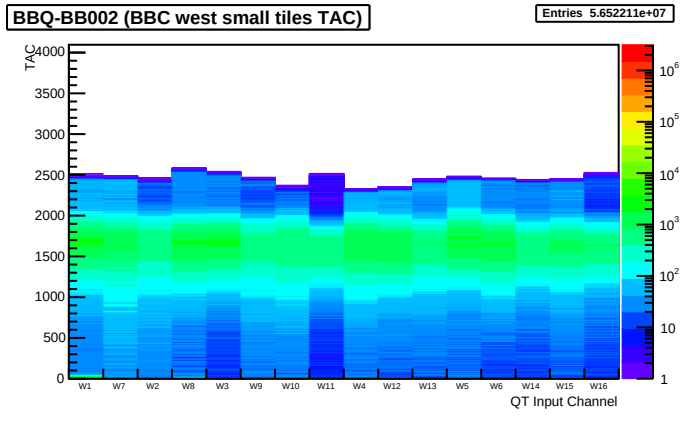

MXQ-PP001
Entries 5.652211e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

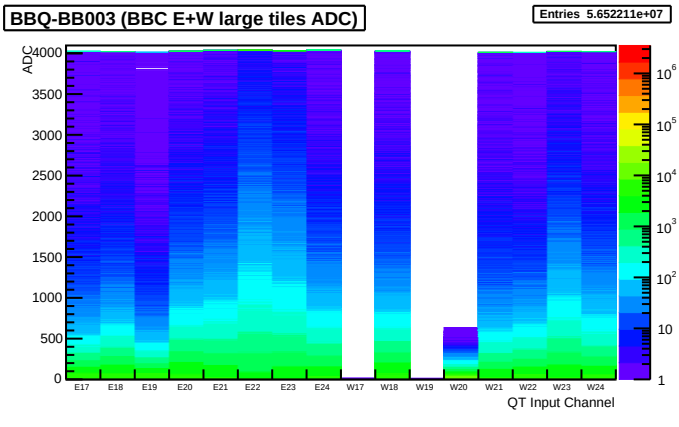

MXQ-PP001
Entries 5.652211e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

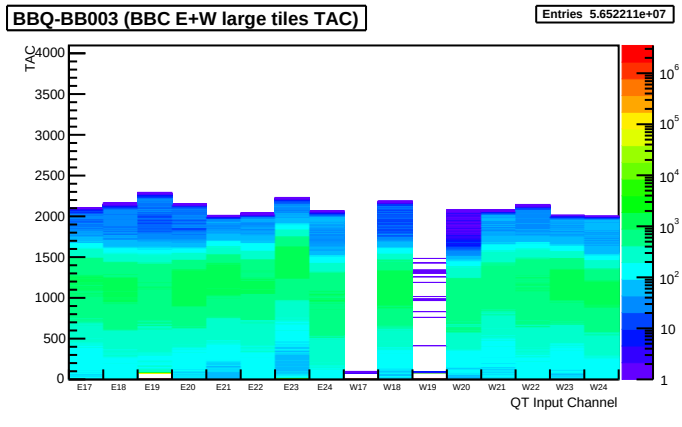

BBQ-BB001 (BBC east small tiles ADC)
Entries 5.652211e+07
ADC
QT Input Channel

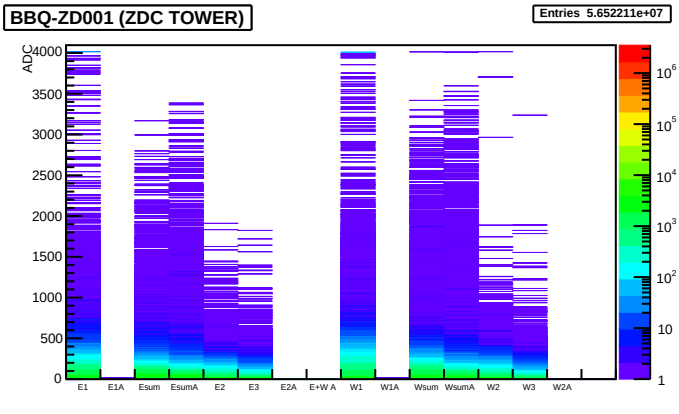

BBQ-BB001 (BBC east small tiles TAC)
Entries 5.652211e+07
TAC
QT Input Channel

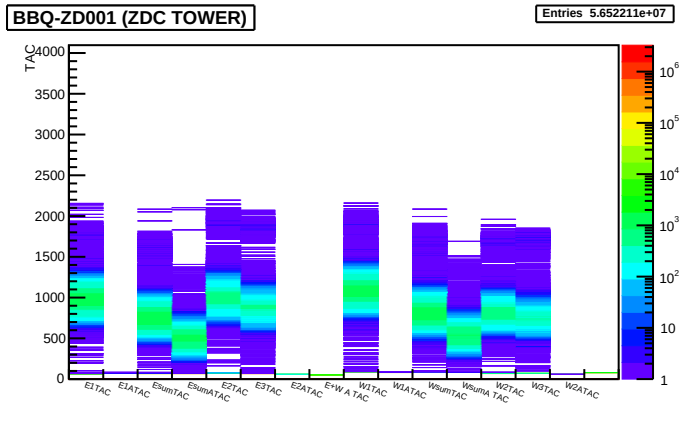

BBQ-BB002 (BBC west small tiles ADC)
Entries 5.652211e+07
ADC
QT Input Channel

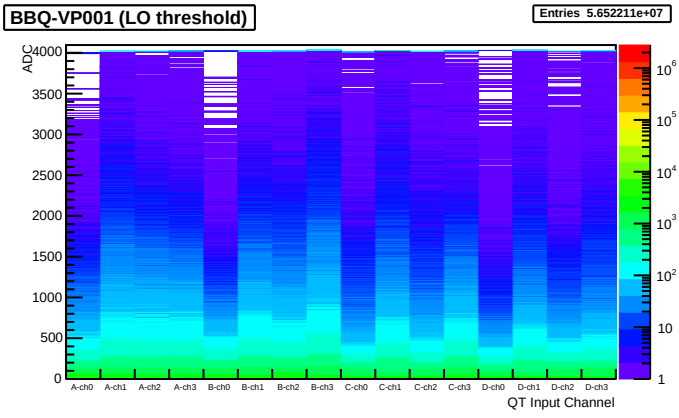

BBQ-BB002 (BBC west small tiles TAC)
Entries 5.652211e+07
TAC
QT Input Channel

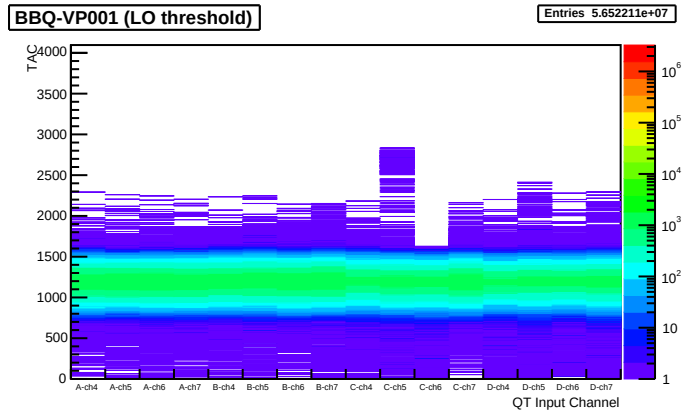

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.652211e+07
ADC
QT Input Channel

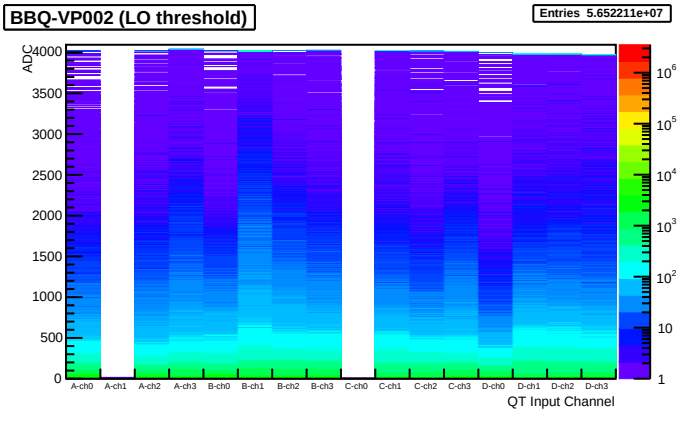

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.652211e+07
TAC
QT Input Channel

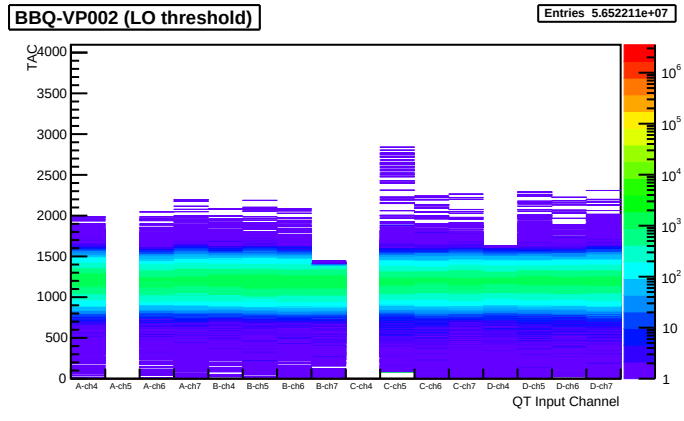

BBQ-ZD001 (ZDC TOWER)
Entries 5.652211e+07
ADC

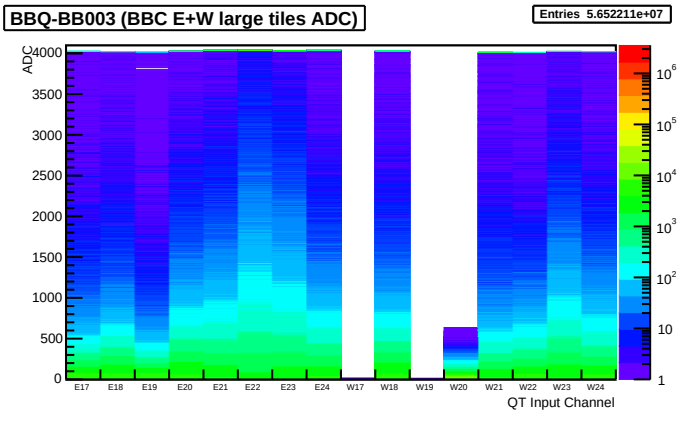

BBQ-ZD001 (ZDC TOWER)
Entries 5.652211e+07
TAC

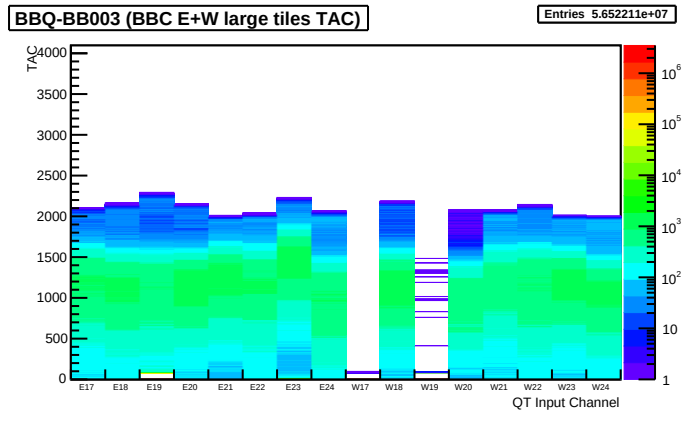

BBQ-VP001 (LO threshold)
Entries 5.652211e+07
ADC
QT Input Channel

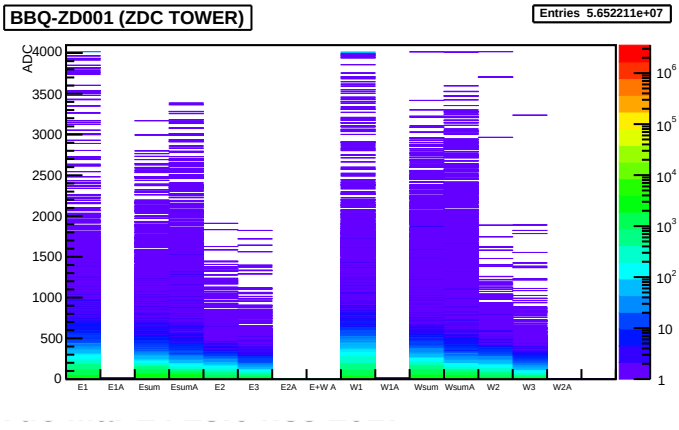

BBQ-VP001 (LO threshold)
Entries 5.652211e+07
TAC
QT Input Channel

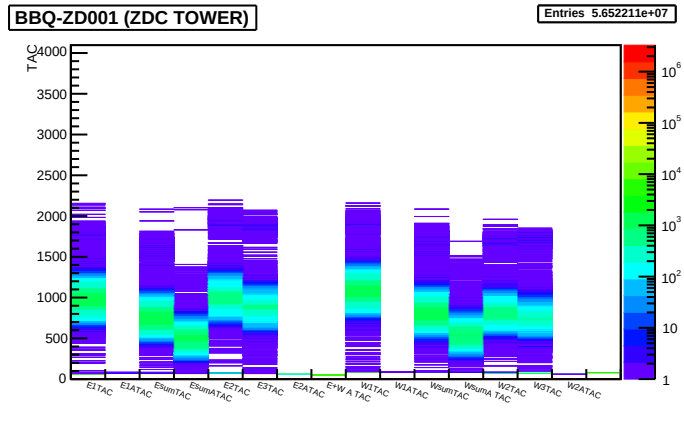

BBQ-VP002 (LO threshold)
Entries 5.652211e+07
ADC
QT Input Channel

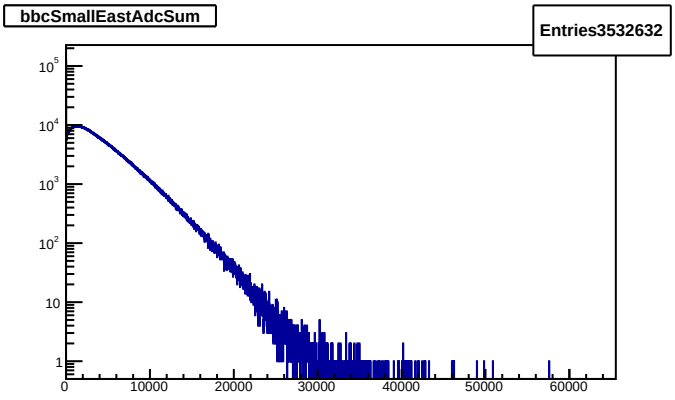

BBQ-VP002 (LO threshold)
Entries 5.652211e+07
TAC
QT Input Channel

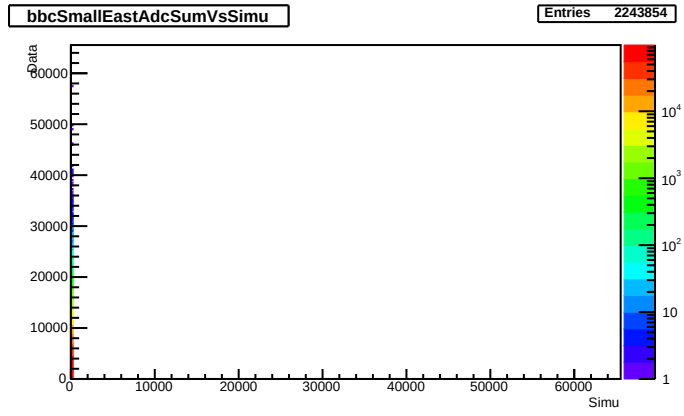

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.652211e+07
ADC
QT Input Channel

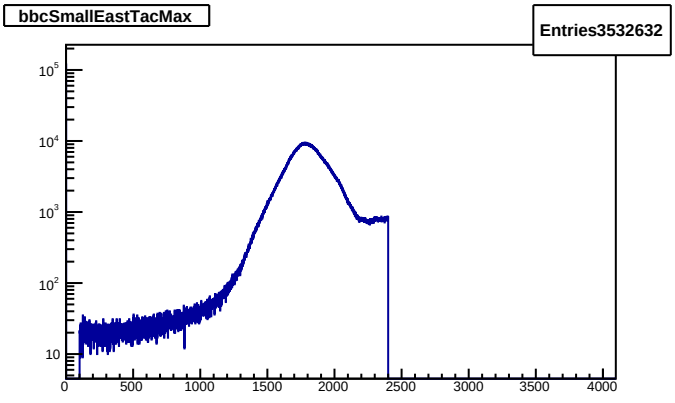

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.652211e+07
TAC
QT Input Channel

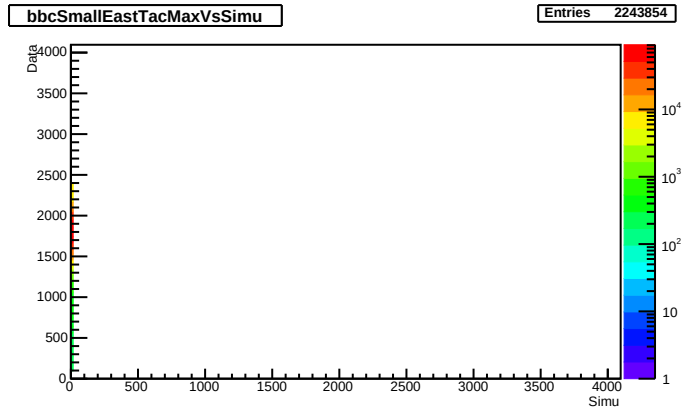

BBQ-ZD001 (ZDC TOWER)
Entries 5.652211e+07
ADC

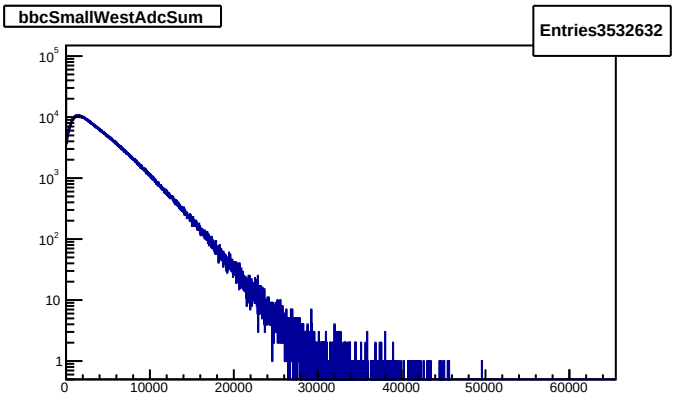

BBQ-ZD001 (ZDC TOWER)
Entries 5.652211e+07
TAC

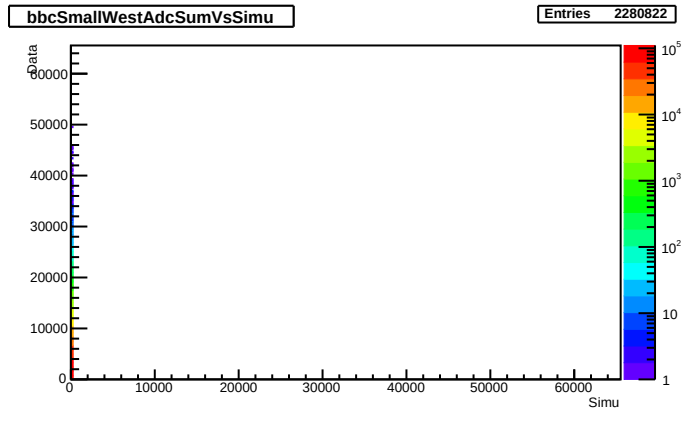

bbcSmallEastAdcSum
Entries3532632

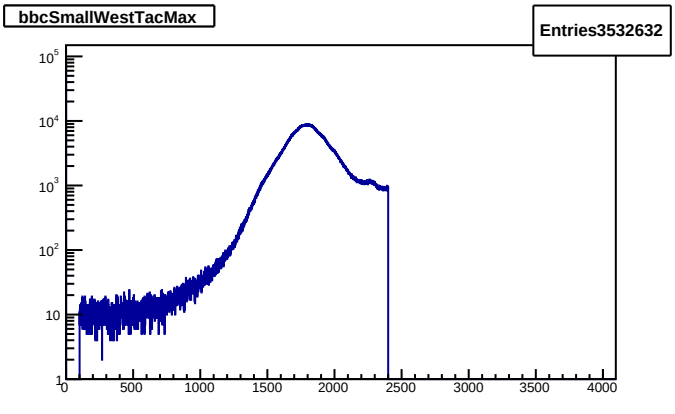

bbcSmallEastAdcSumVsSimu
Entries 2243854
Data
Simu

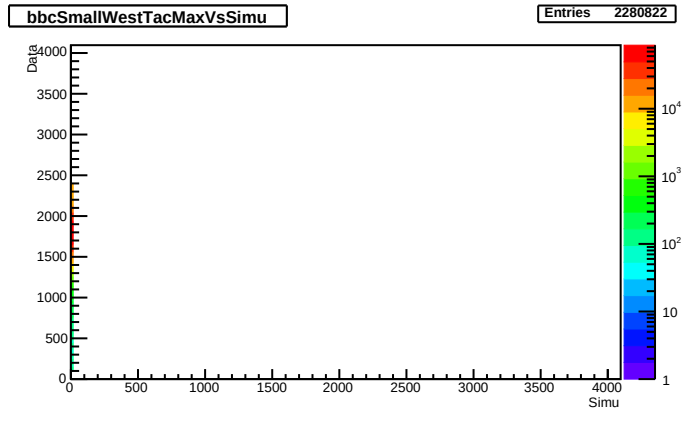

bbcSmallEastTacMax
Entries3532632

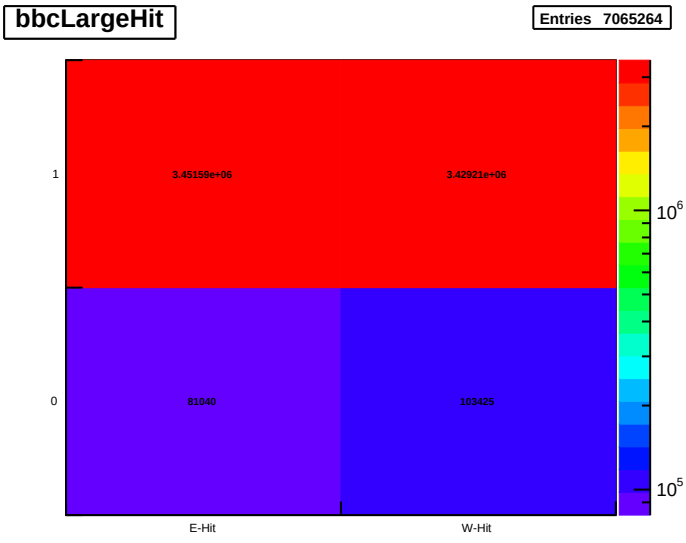

bbcSmallEastTacMaxVsSimu
Entries 2243854
Data
Simu

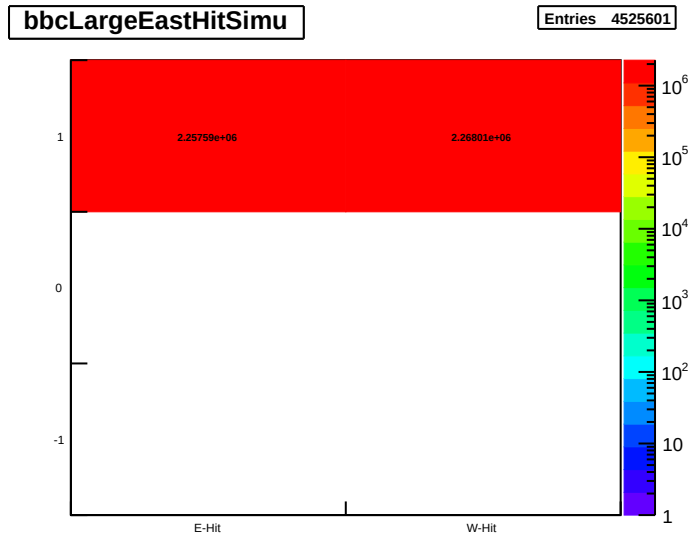

bbcSmallWestAdcSum
Entries3532632

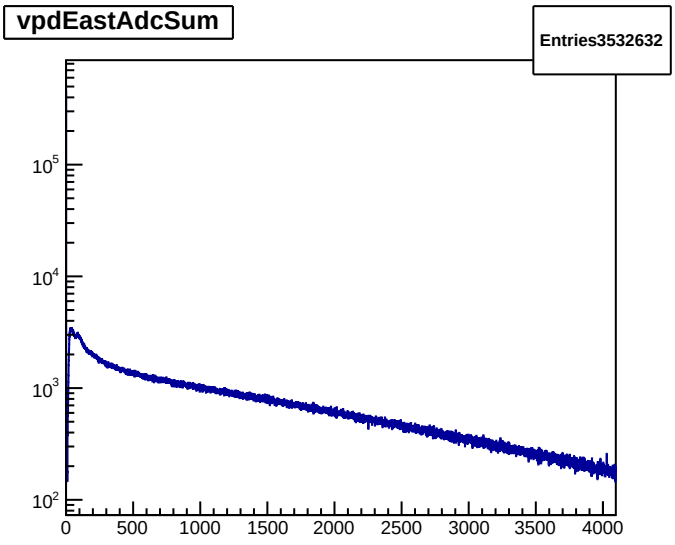

bbcSmallWestAdcSumVsSimu
Entries 2280822
Data
Simu

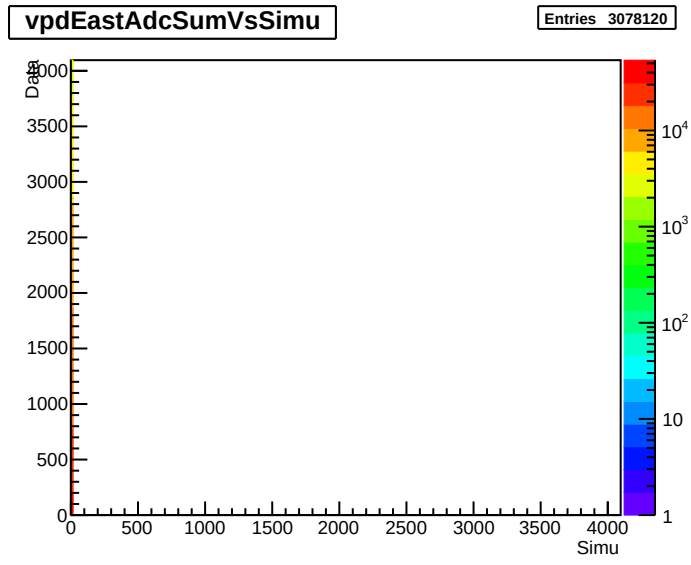

bbcSmallWestTacMax
Entries3532632

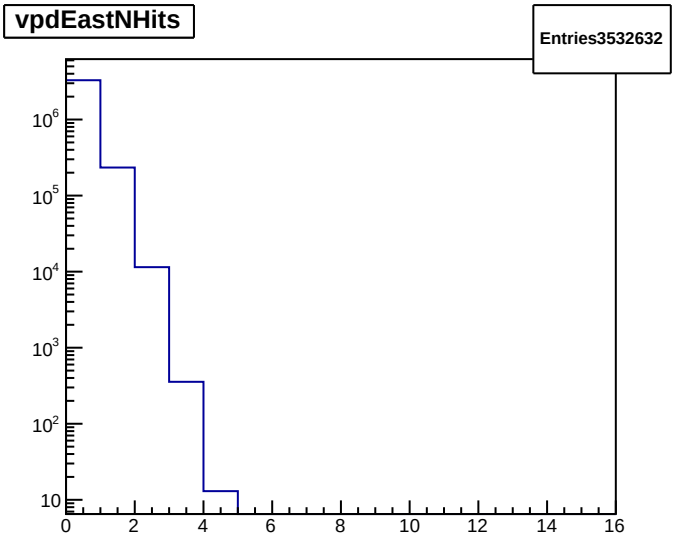

bbcSmallWestTacMaxVsSimu
Entries 2280822
Data
Simu

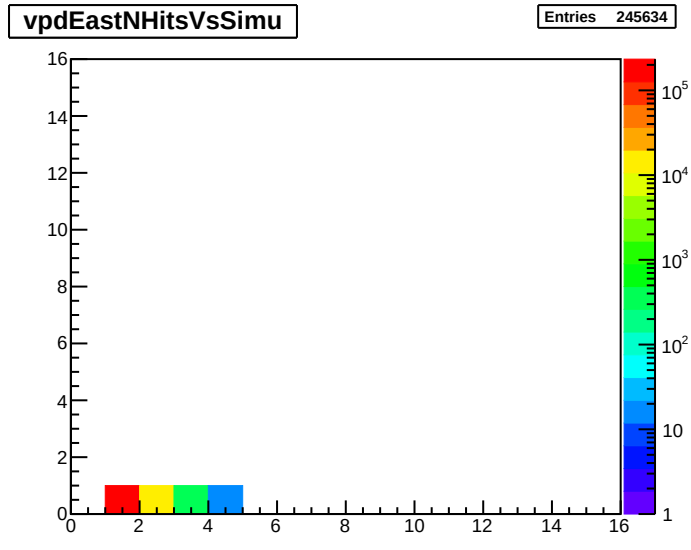

bbcLargeHit
Entries 7065264
1
0
3.45159e+06
3.42921e+06
81040
103425
E-Hit
W-Hit
10^6
10^5

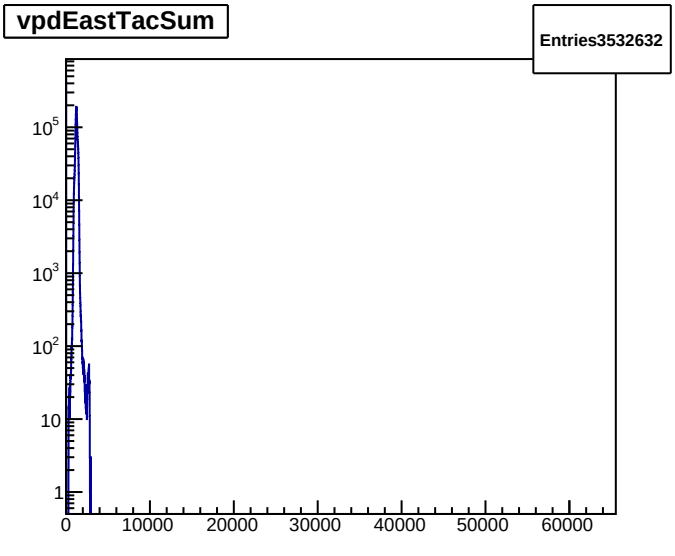

bbcLargeEastHitSimu
Entries 4525601
1
0
-1
2.25759e+06
2.26801e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

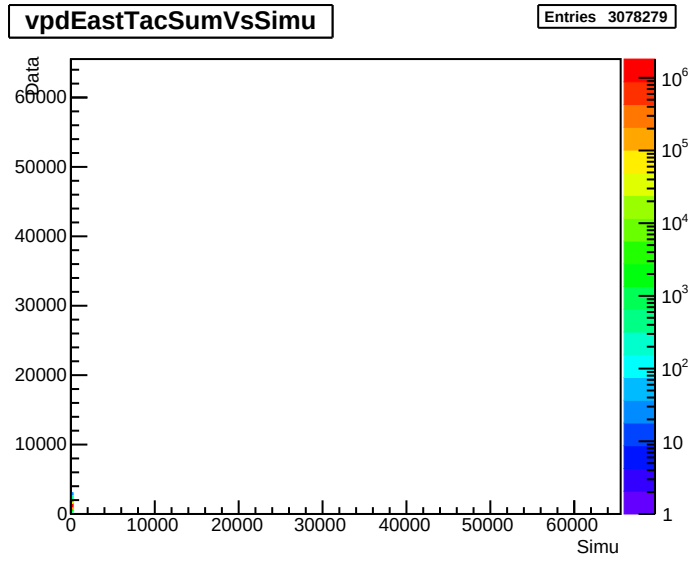

vpdEastAdcSum
Entries3532632

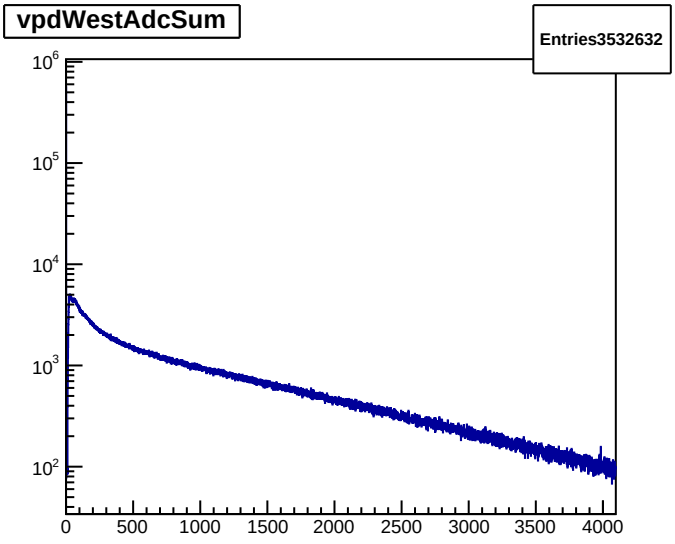

vpdEastAdcSumVsSimu
Entries 3078120
Data
Simu

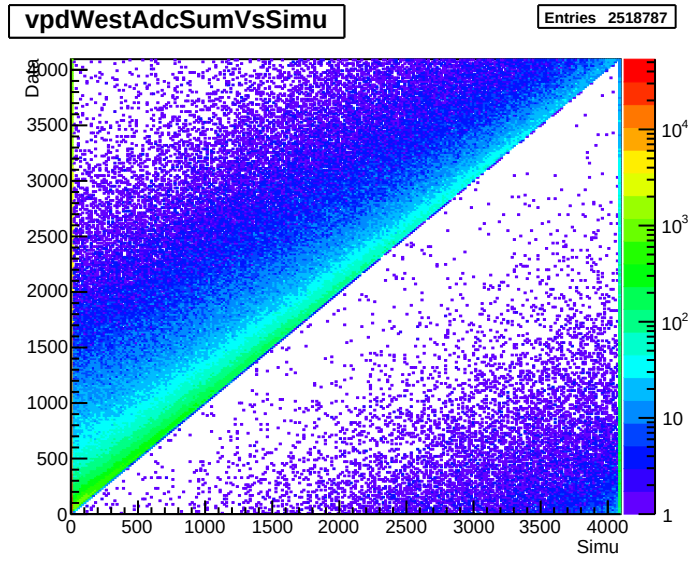

vpdEastNHits
Entries3532632

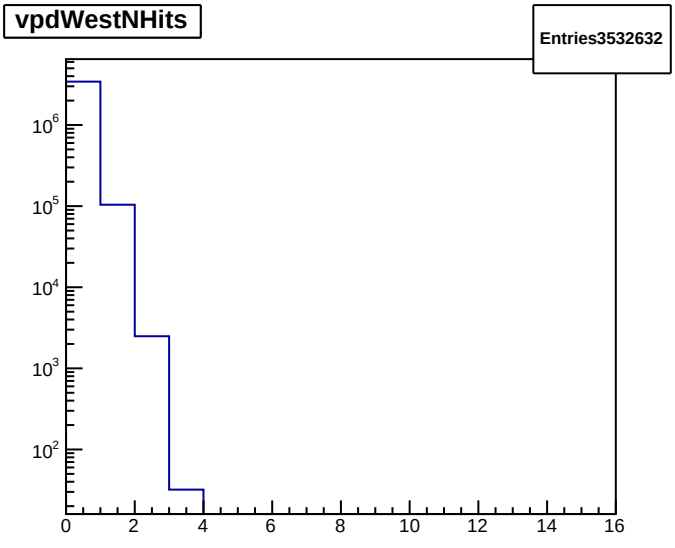

vpdEastNHitsVsSimu
Entries 245634

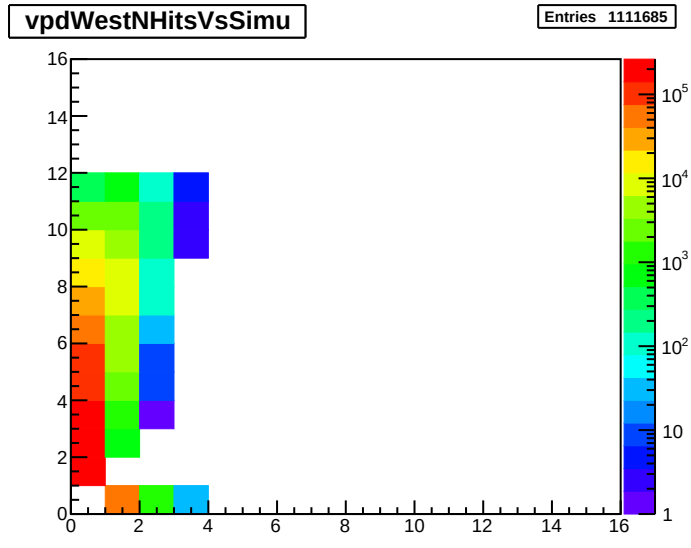

vpdEastTacSum
Entries3532632

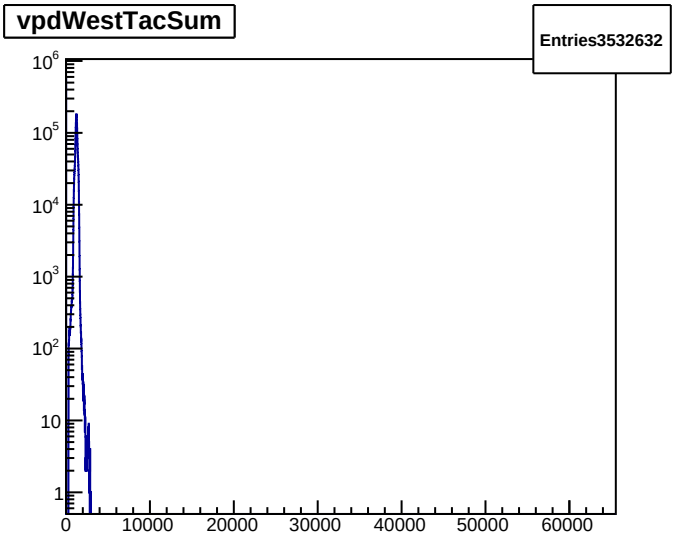

vpdEastTacSumVsSimu
Entries 3078279
Data
Simu

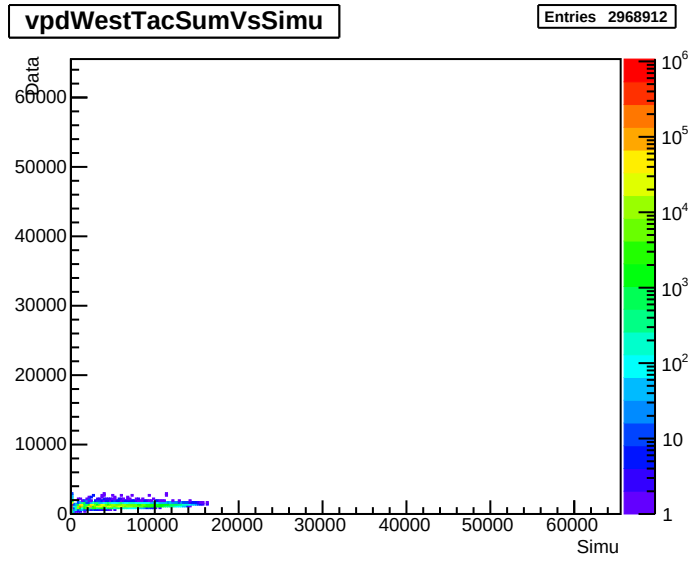

vpdWestAdcSum
Entries3532632

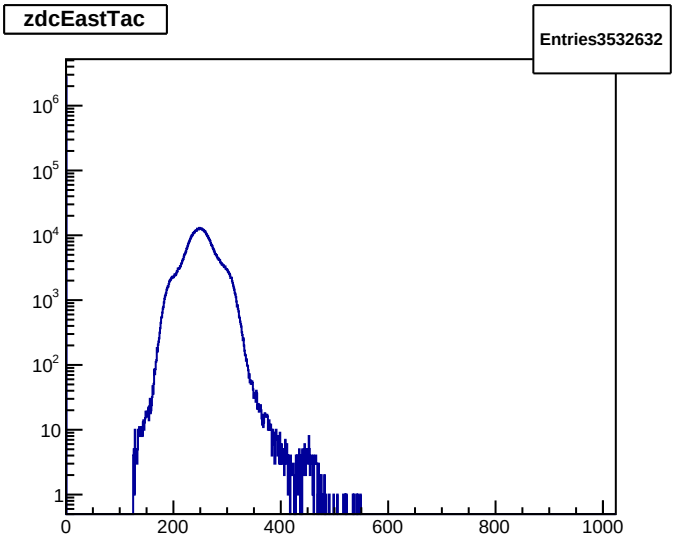

vpdWestAdcSumVsSimu
Entries 2518787
Data
Simu

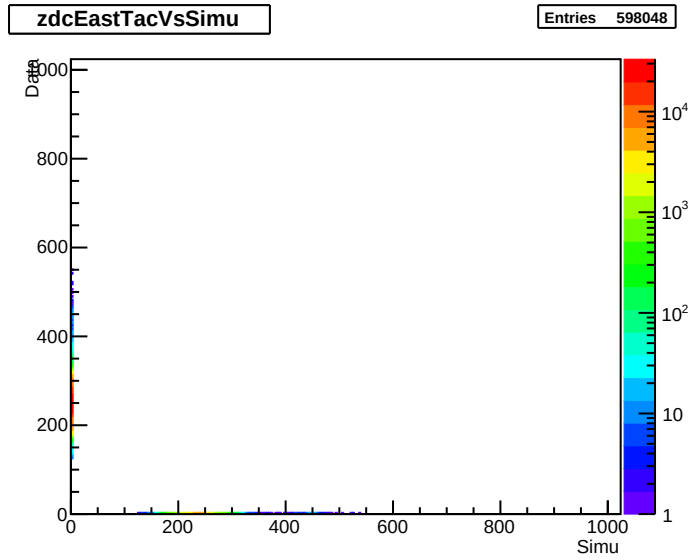

vpdWestNHits
Entries3532632

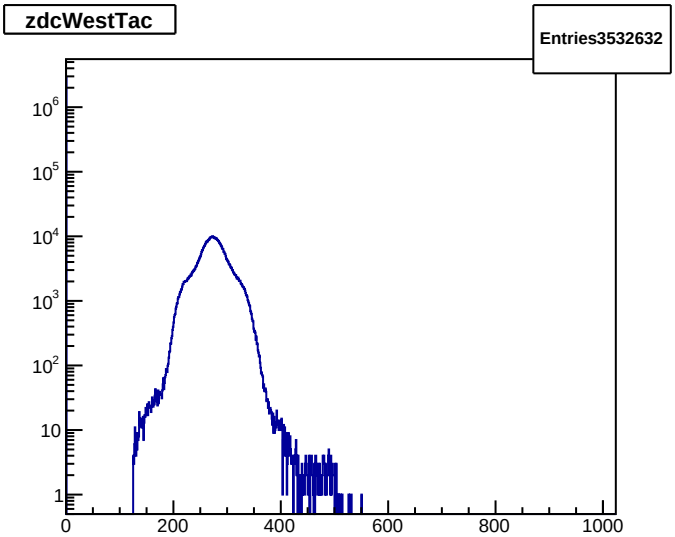

vpdWestNHitsVsSimu
Entries 1111685

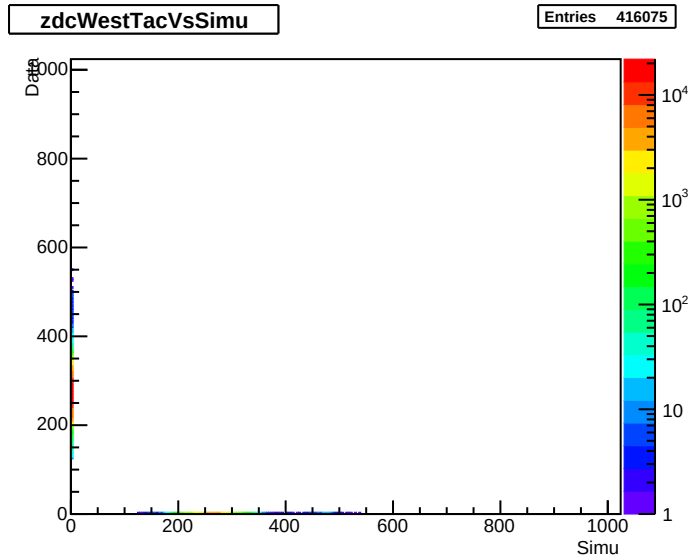

vpdWestTacSum
Entries3532632

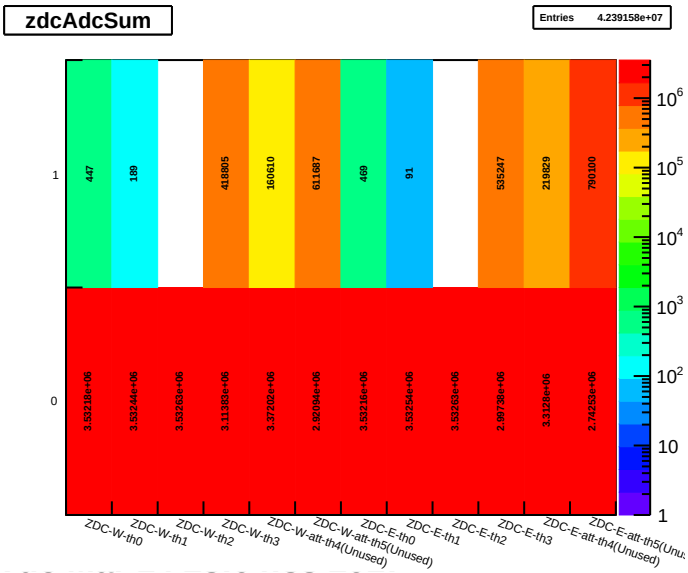

vpdWestTacSumVsSimu
Entries 2968912
Data
Simu

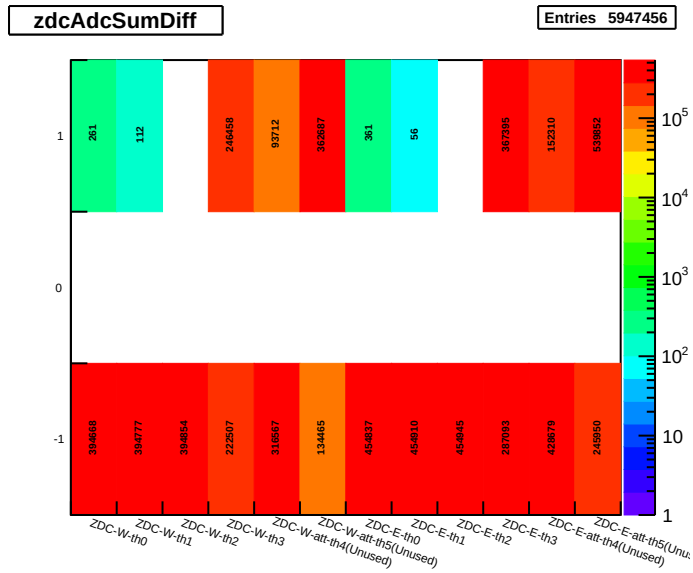

zdcEastTac
Entries3532632

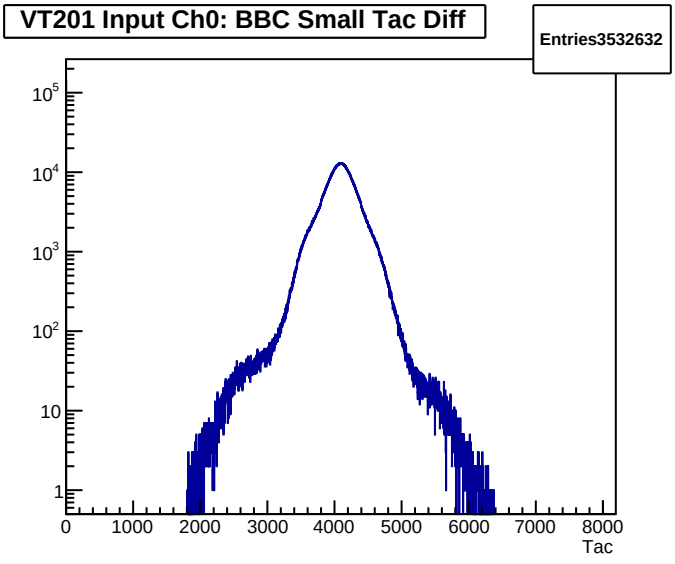

zdcEastTacVsSimu
Entries 598048
Data
Simu

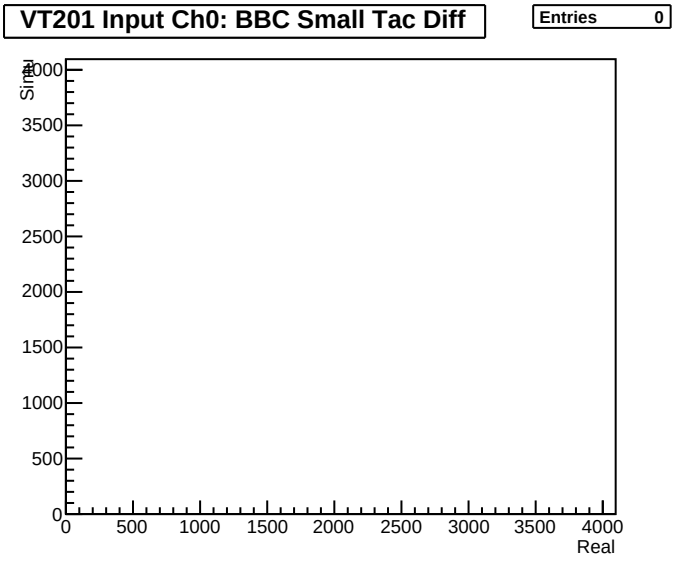

zdcWestTac
Entries3532632

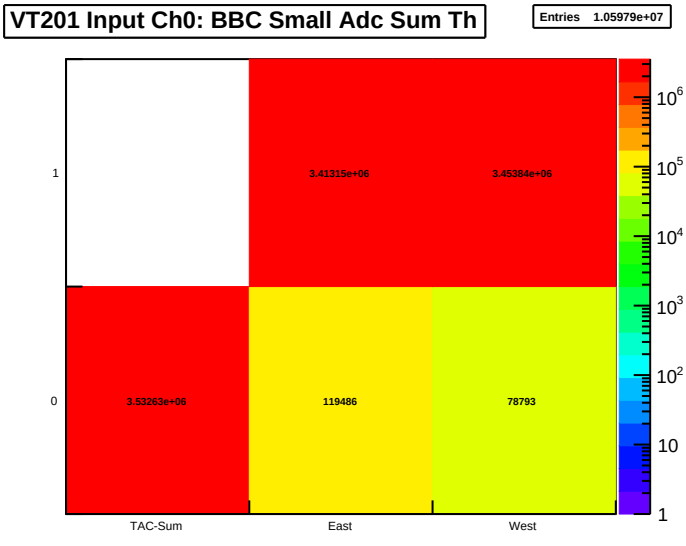

zdcWestTacVsSimu
Entries 416075
Data
Simu

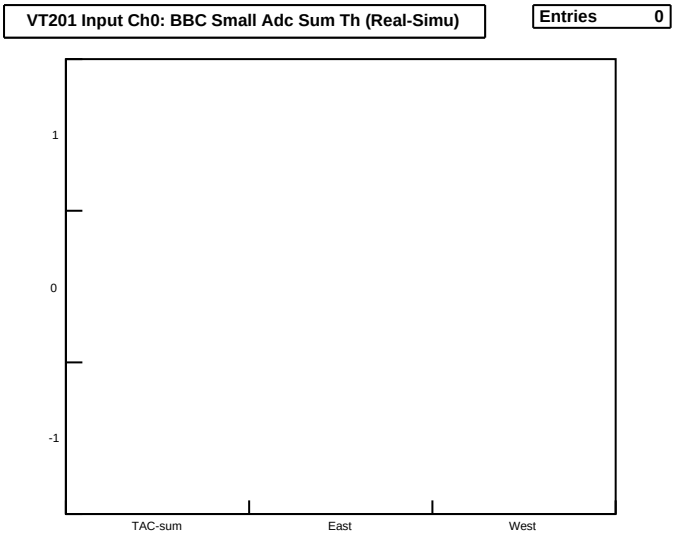

zdcAdcSum
Entries 4.239158e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

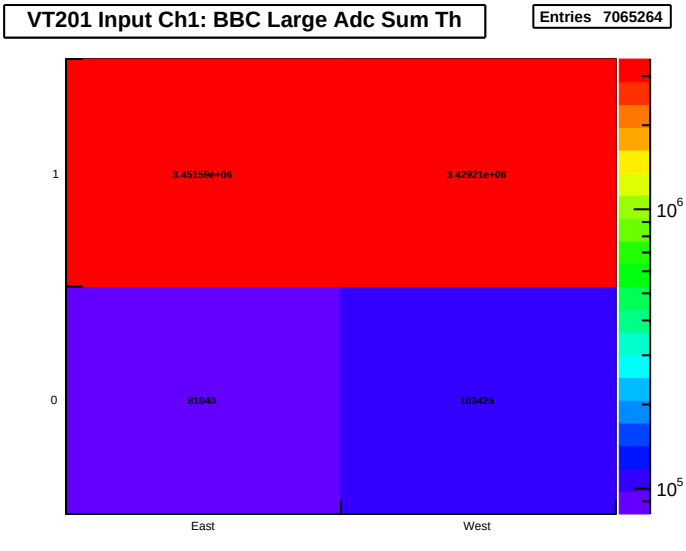

zdcAdcSumDiff
Entries 5947456
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

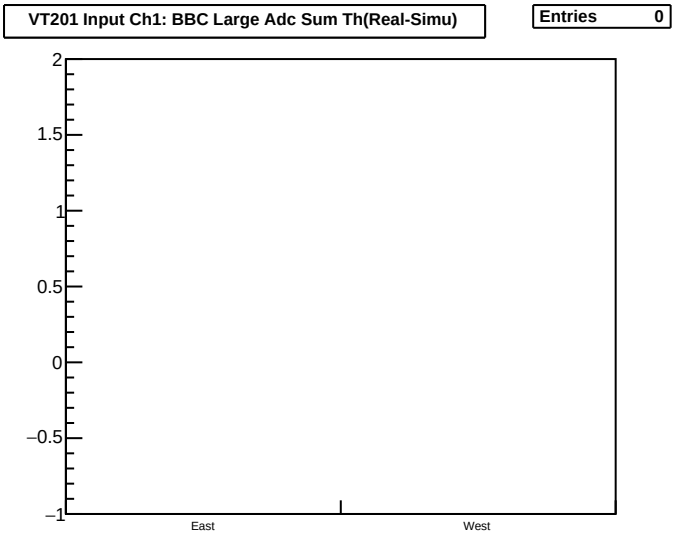

VT201 Input Ch0: BBC Small Tac Diff
Entries3532632
Tac


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

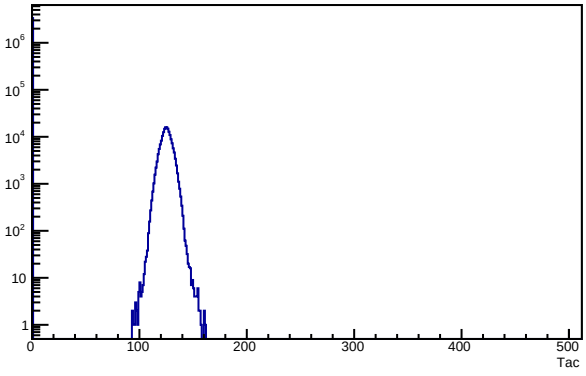

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.05979e+07
3.41315e+06
3.45384e+06
3.53263e+06
119486
78793
TAC-Sum
East
West


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

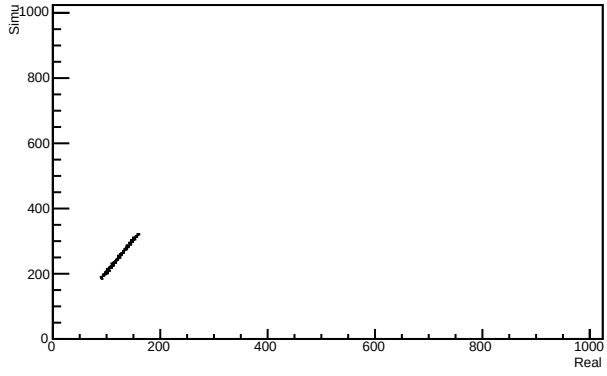

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 7065264
3.45159e+06
3.42921e+06
81040
103425
East
West


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

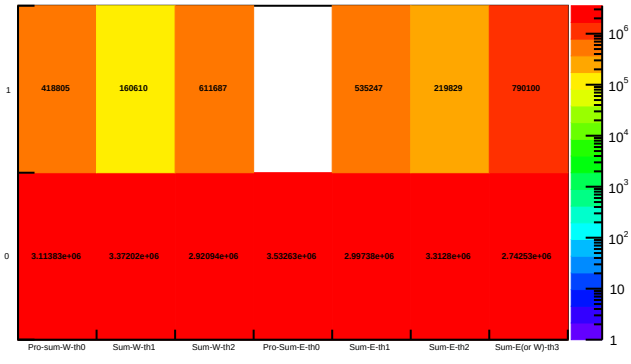
VT201 Input Ch2: ZDC Tac Diff



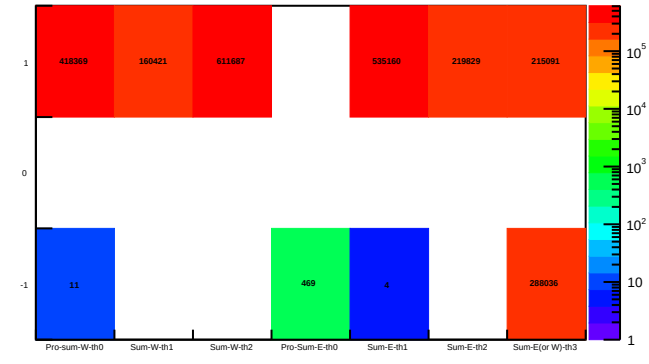
VT201 Input Ch2: ZDC Tac Diff



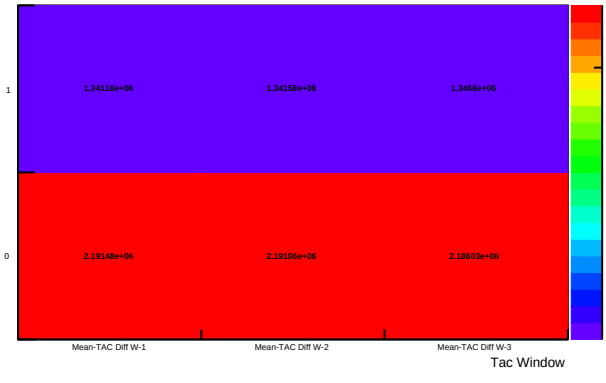
VT201 Input Ch2: ZDC Adc Sum Th



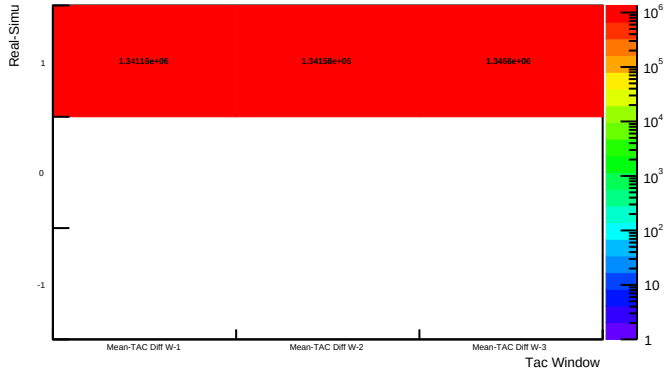
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



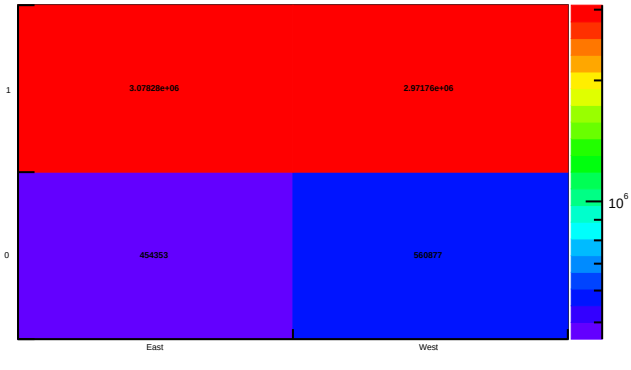
VT201 Input Ch4: VPD Tac Diff



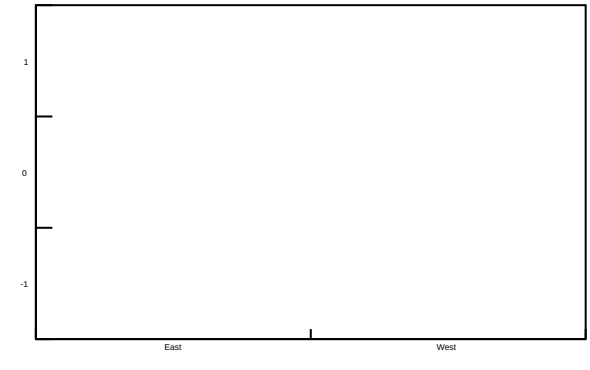
VT201 Input Ch4: VPD Tac Diff

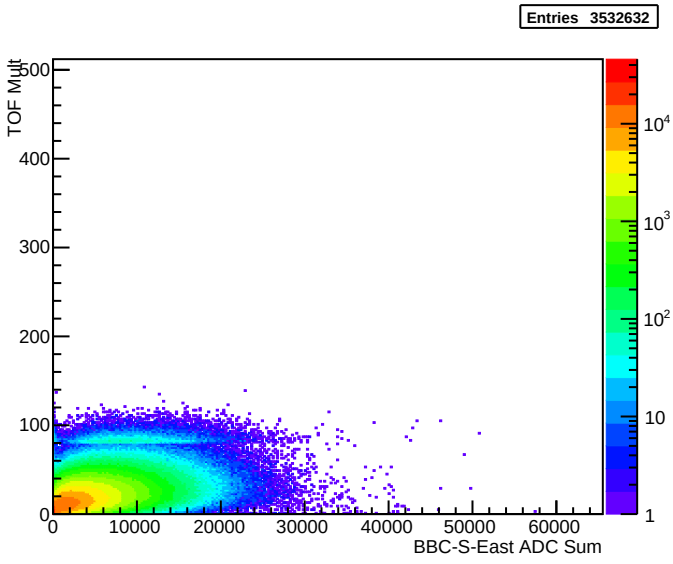


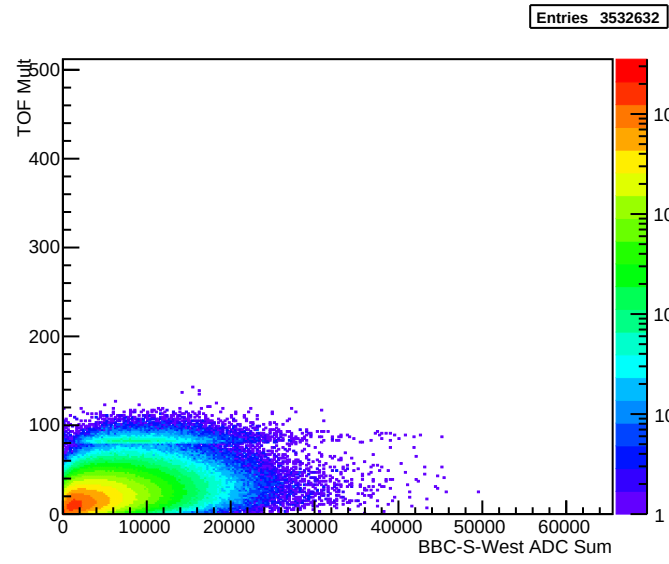
VT201 Input Ch4: VPD Adc Sum Th

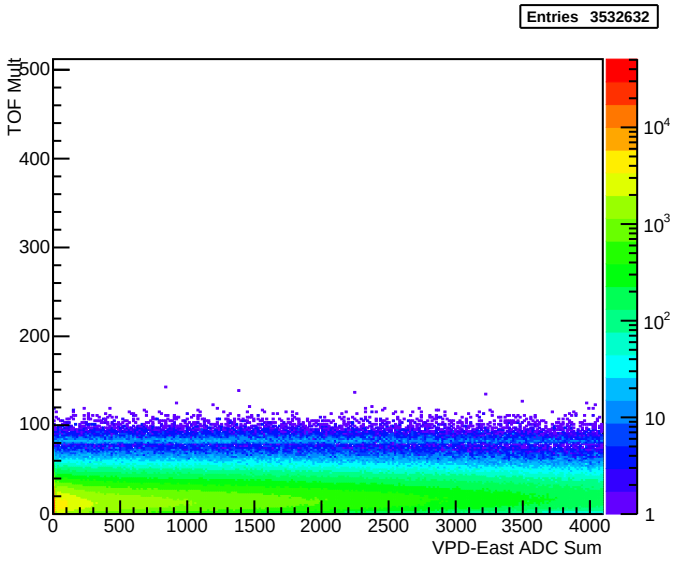


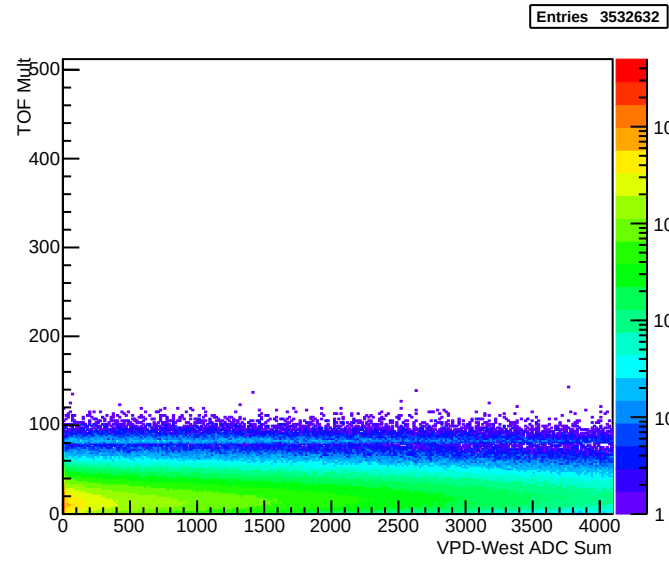
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

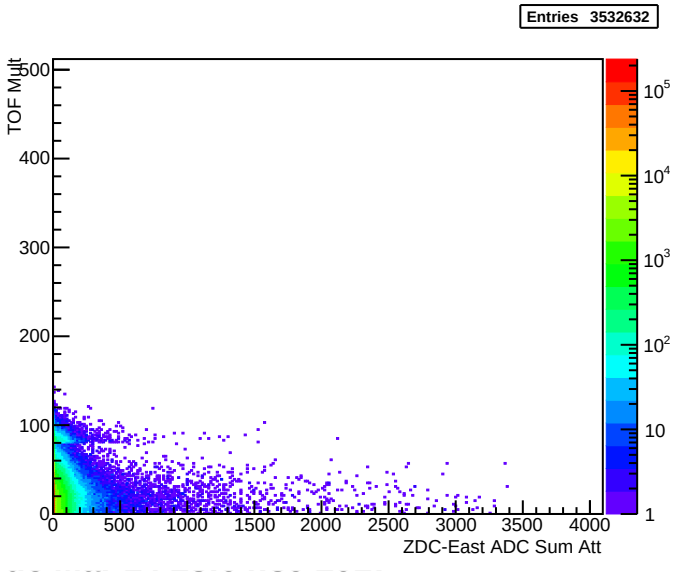


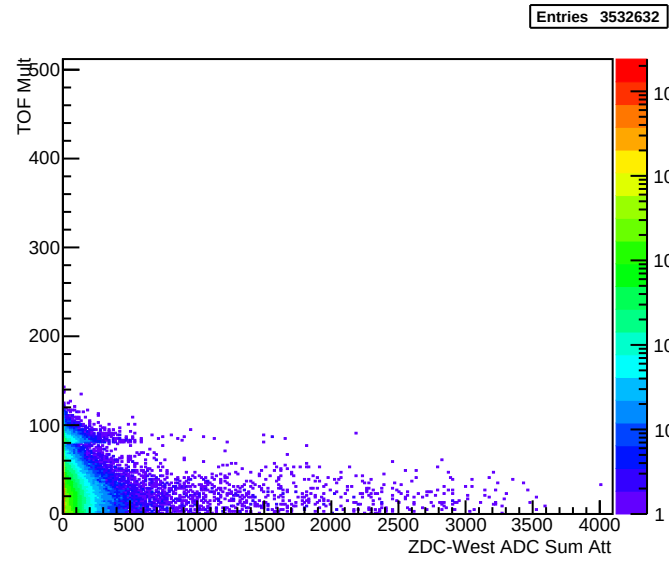

Entries 3532632
TOF Mult
BBC-S-East ADC Sum

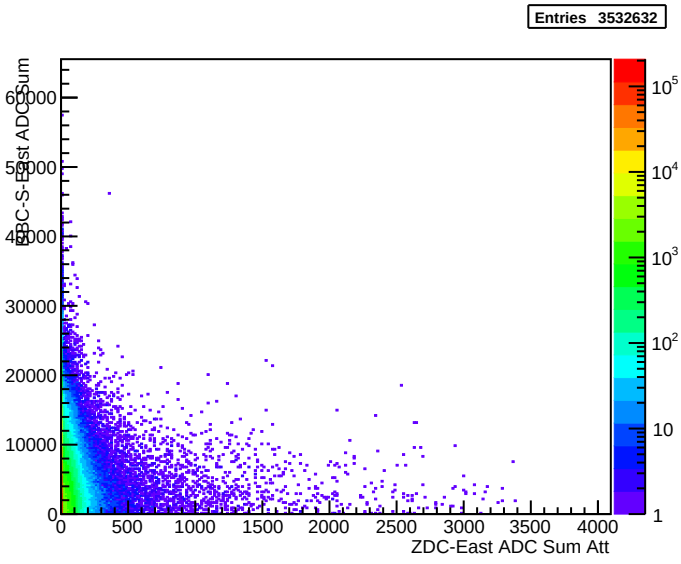

Entries 3532632
TOF Mult
BBC-S-West ADC Sum

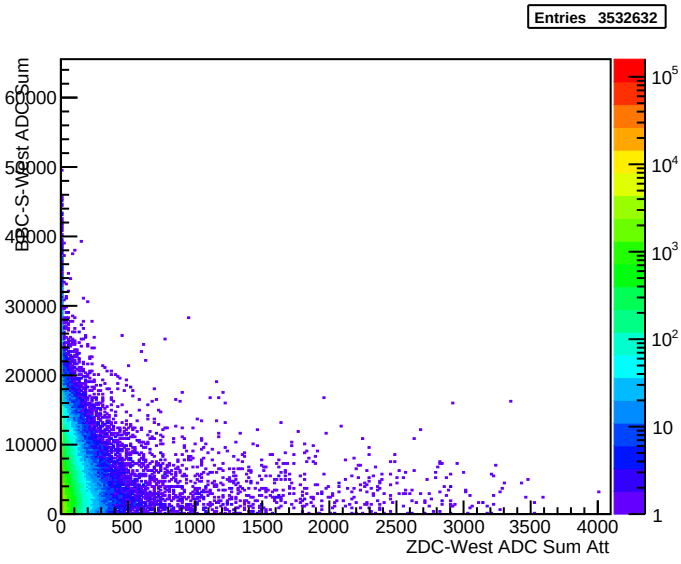

Entries 3532632
TOF Mult
VPD-East ADC Sum

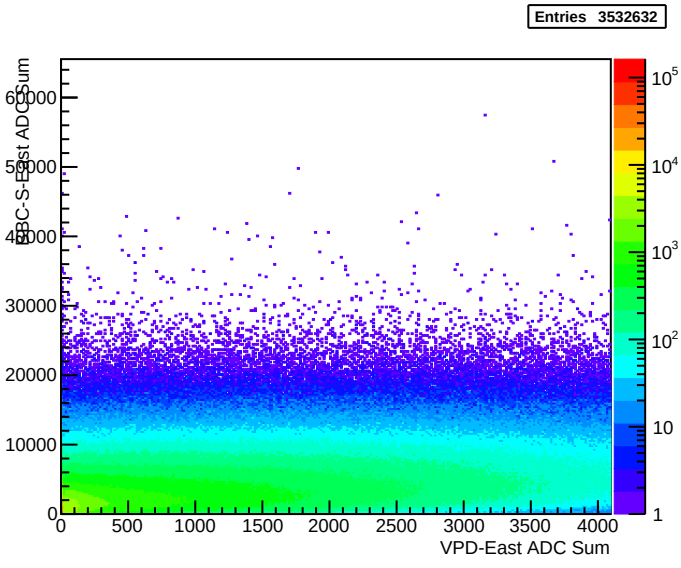

Entries 3532632
TOF Mult
VPD-West ADC Sum

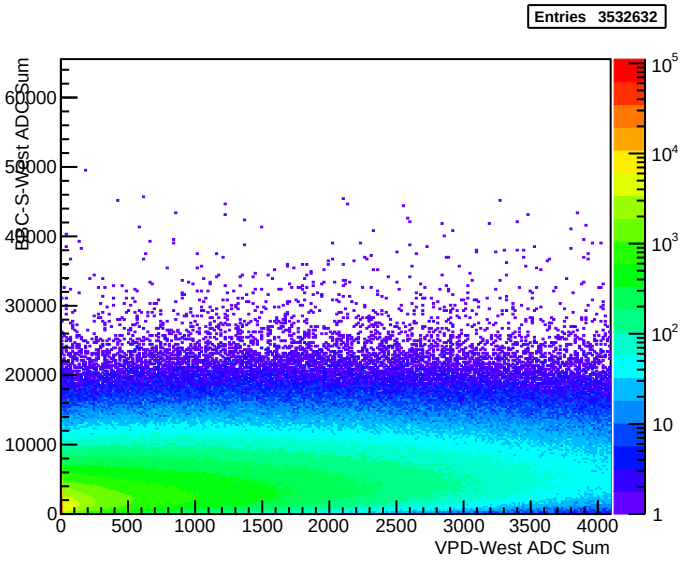

Entries 3532632
TOF Mult
ZDC-East ADC Sum Att

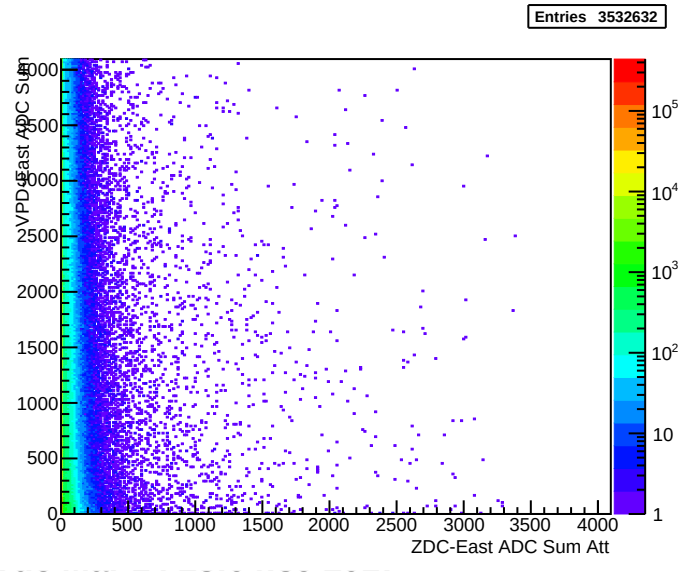

Entries 3532632
TOF Mult
ZDC-West ADC Sum Att

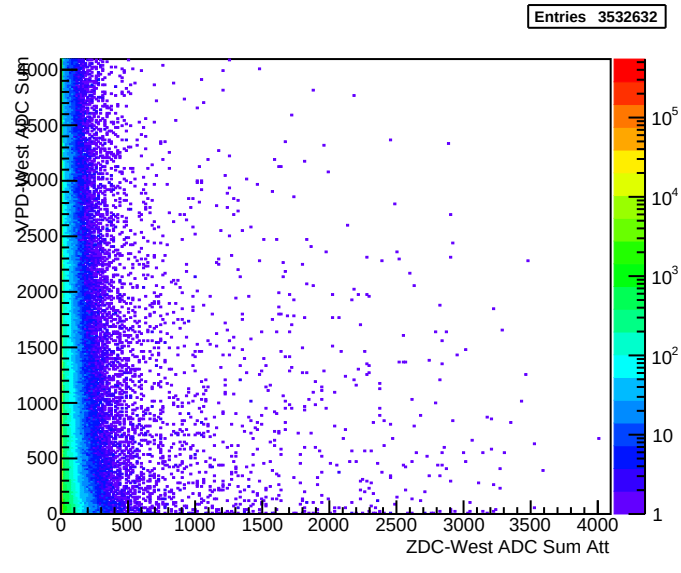

Entries 3532632
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

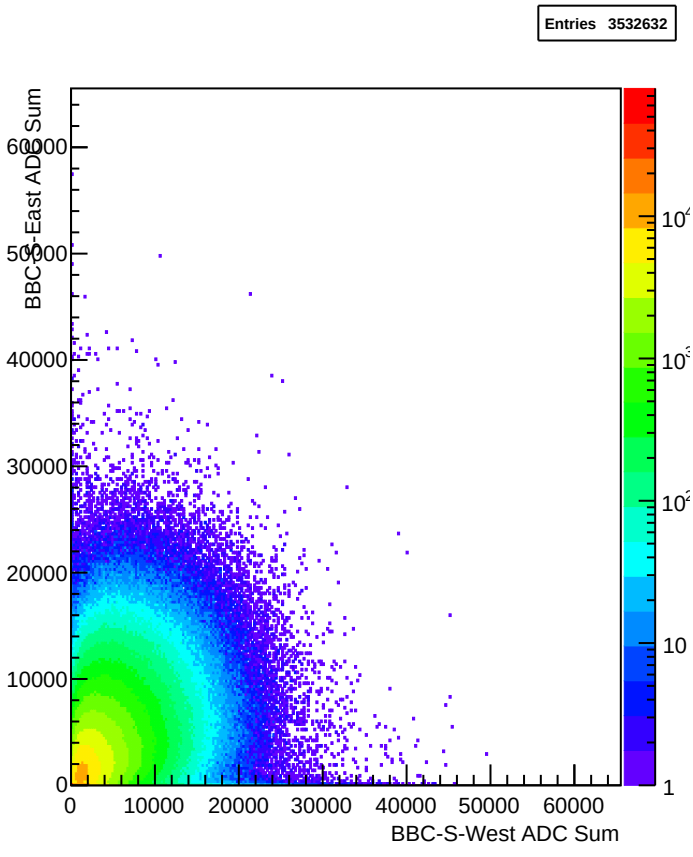

Entries 3532632
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

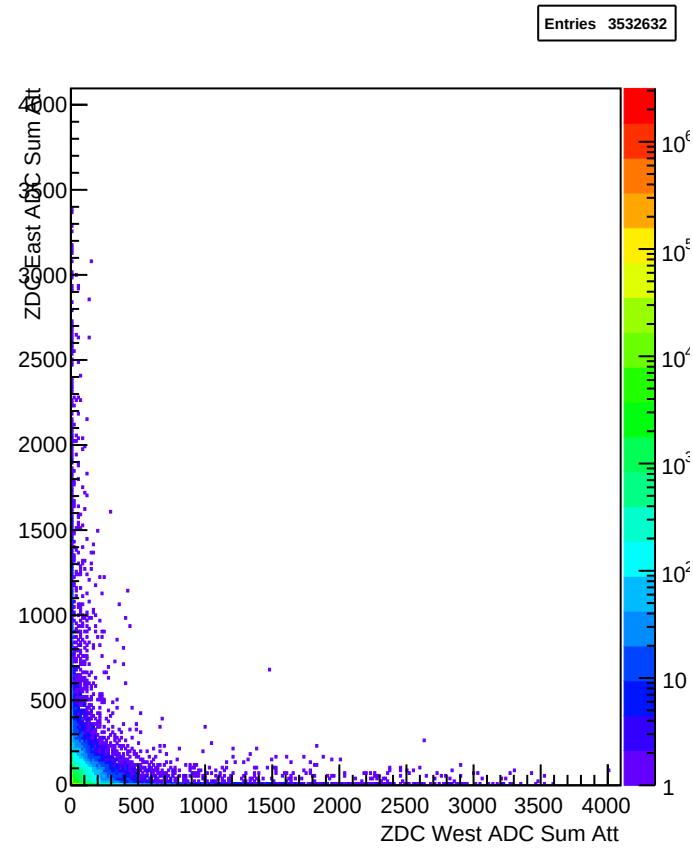

Entries 3532632
BBC-S-East ADC Sum
VPD-East ADC Sum

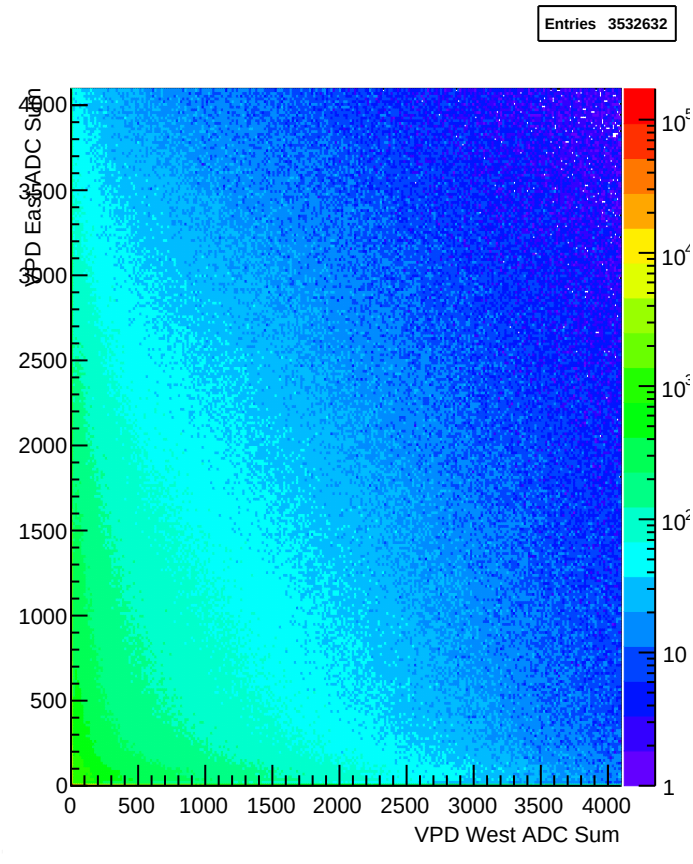

Entries 3532632
BBC-S-West ADC Sum
VPD-West ADC Sum

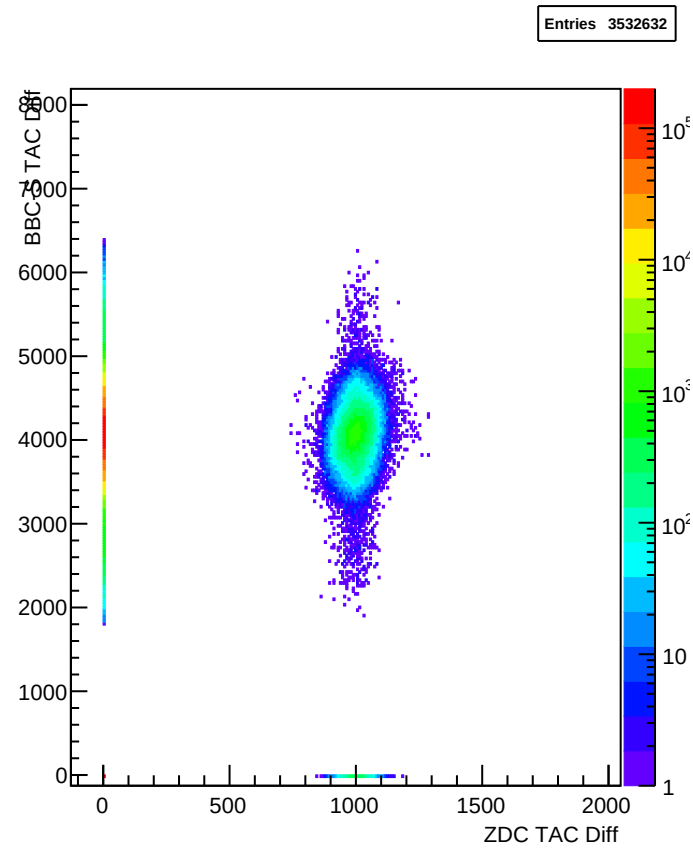

Entries 3532632
VPD-East ADC Sum
ZDC-East ADC Sum Att

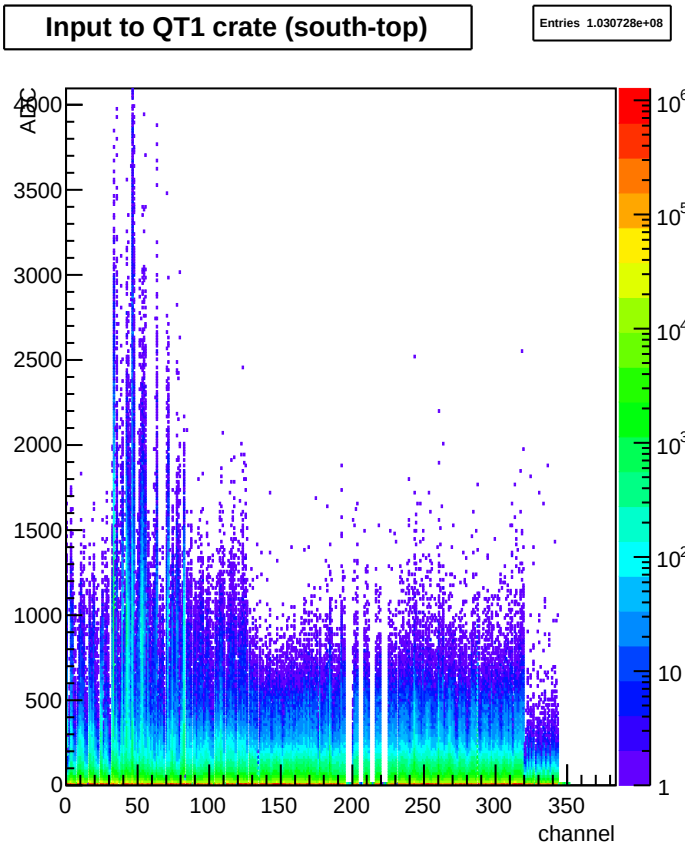

Entries 3532632
VPD-West ADC Sum
ZDC-West ADC Sum Att

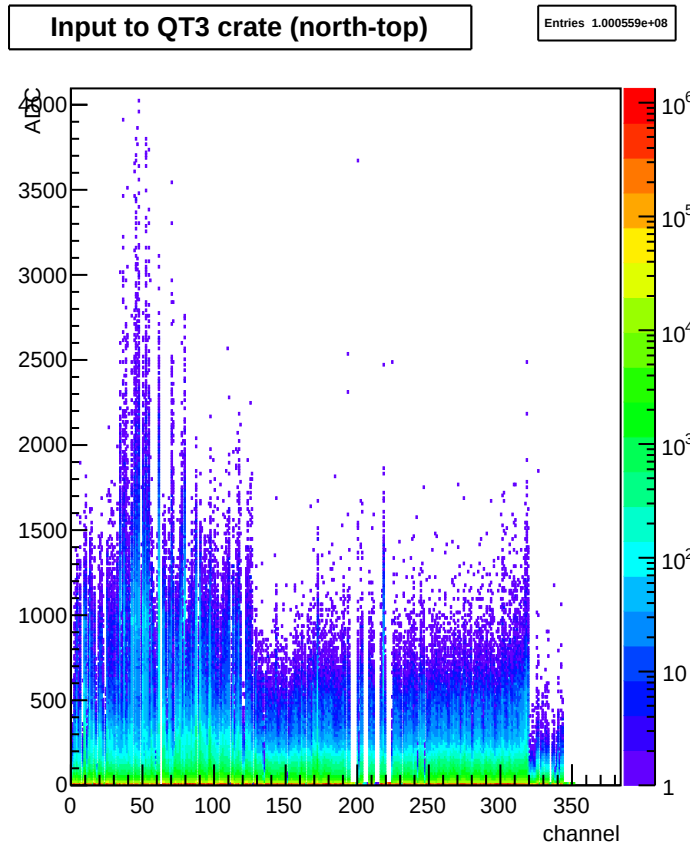

Entries 3532632
BBC-S-East ADC Sum
BBC-S-West ADC Sum

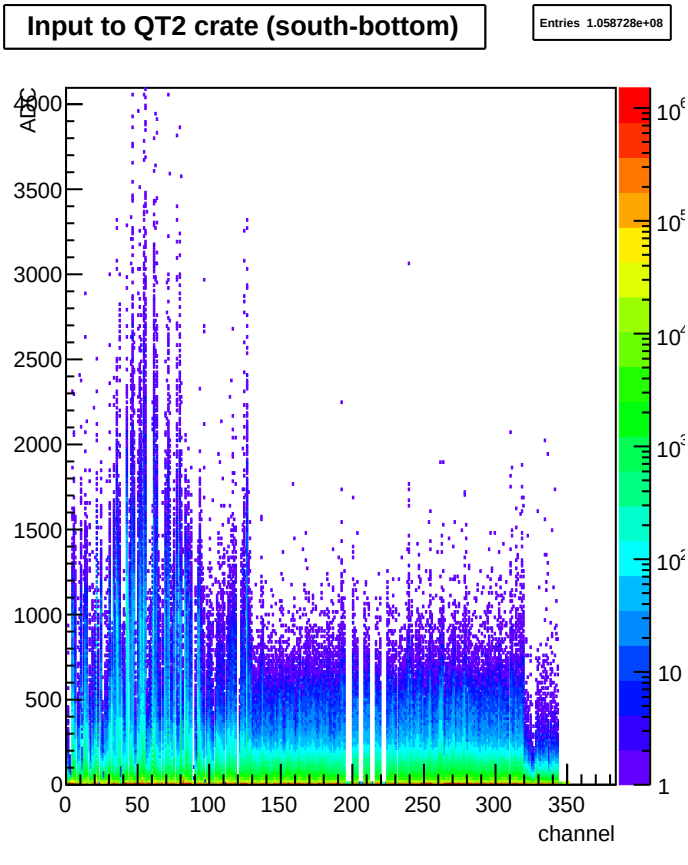

Entries 3532632
ZDC East ADC Sum Att
ZDC West ADC Sum Att

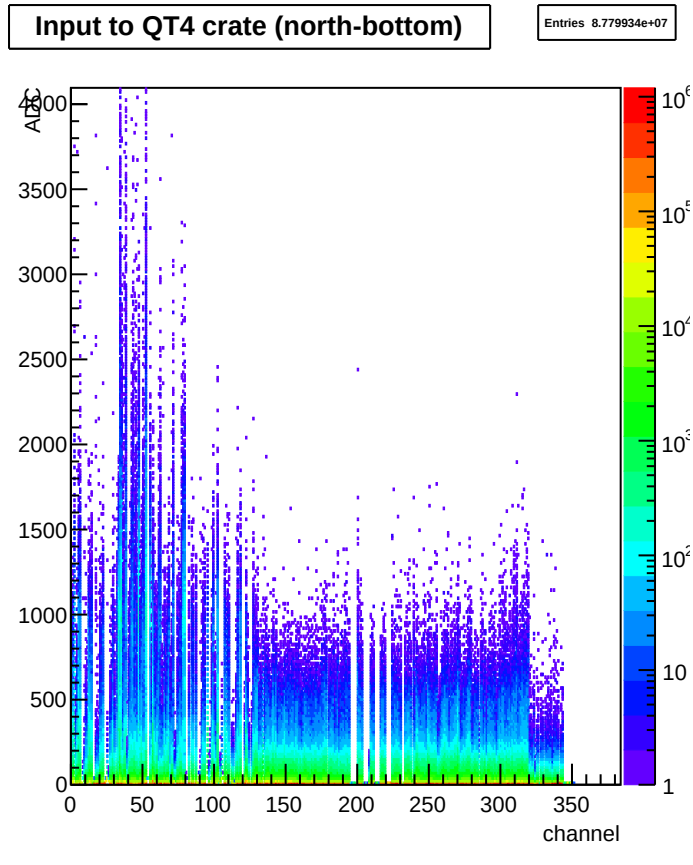

Entries 3532632
VPD East ADC Sum
VPD West ADC Sum

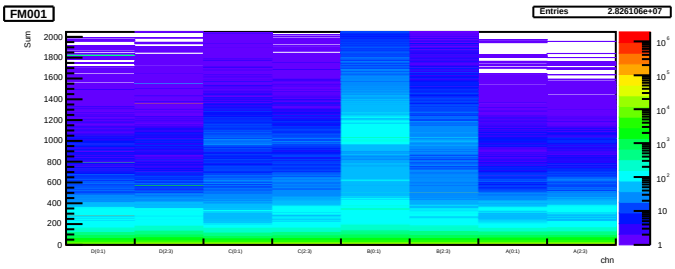

Entries 3532632
BBC-S TAC Diff
ZDC TAC Diff

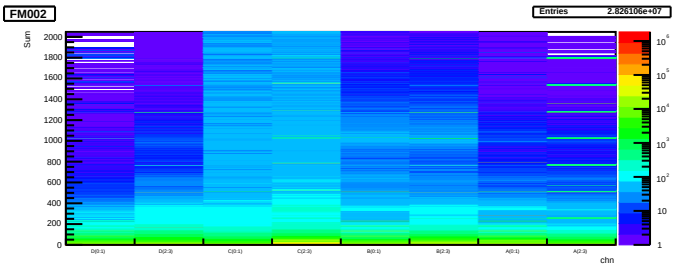

Input to QT1 crate (south-top)
Entries 1.030728e+08
ADC
channel

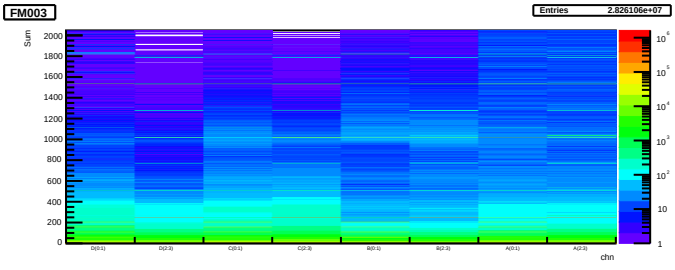

Input to QT3 crate (north-top)
Entries 1.000559e+08
ADC
channel

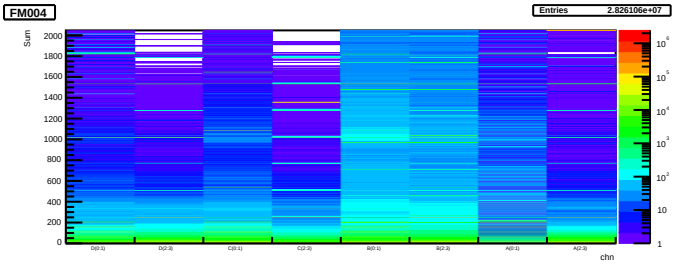

Input to QT2 crate (south-bottom)
Entries 1.058728e+08
ADC
channel

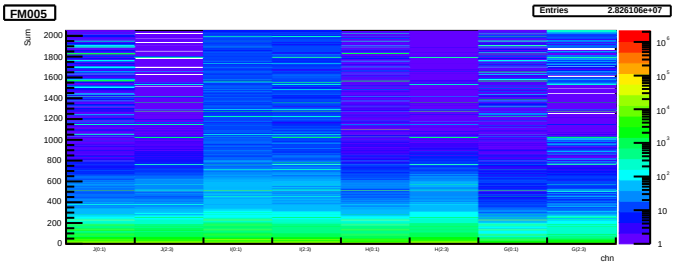

Input to QT4 crate (north-bottom)
Entries 8.779934e+07
ADC
channel

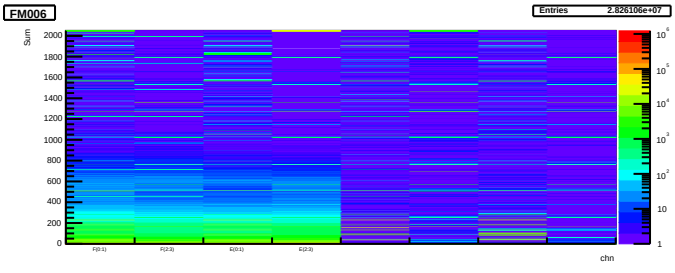

FM001
Entries 2.826106e+07
Sum
chn

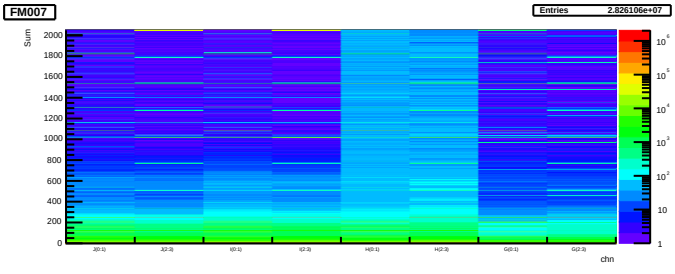

FM002
Entries 2.826106e+07
Sum
chn

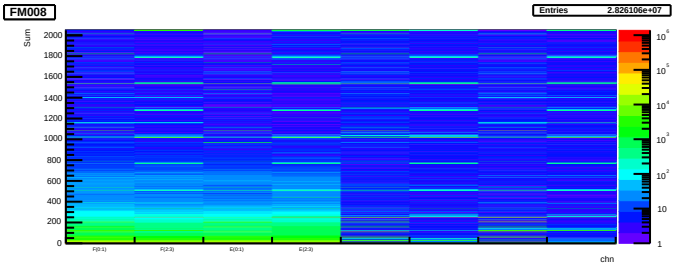

FM003
Entries 2.826106e+07
Sum
chn

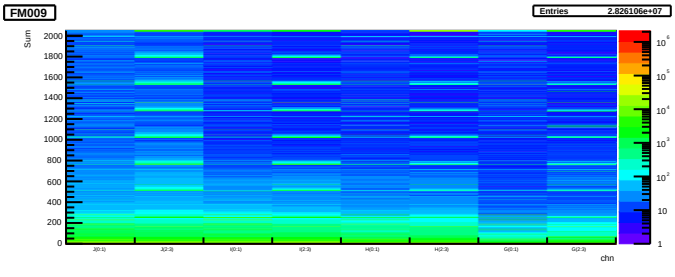

FM004
Entries 2.826106e+07
Sum
chn

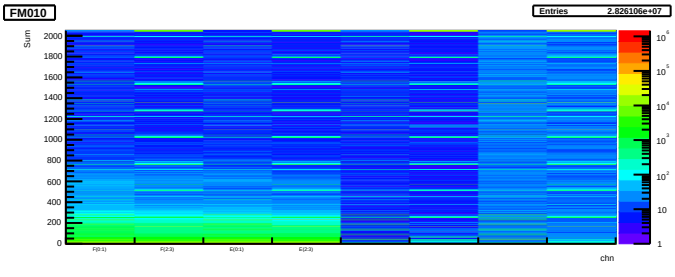

FM005
Entries 2.826106e+07
Sum
chn

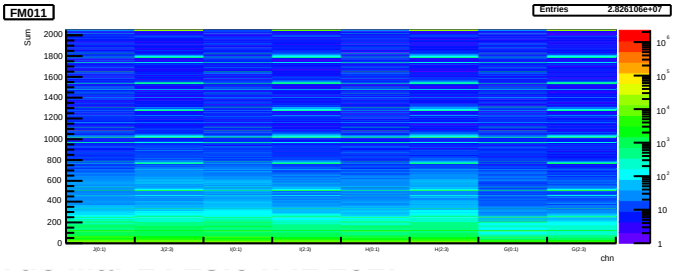

FM006
Entries 2.826106e+07
Sum
chn

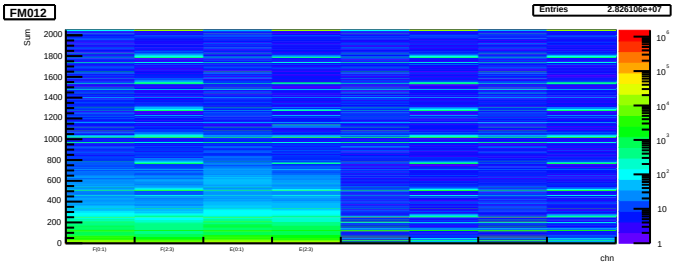

FM007
Entries 2.826106e+07
Sum
chn

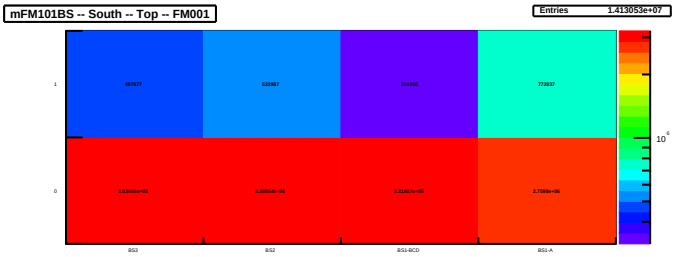

FM008
Entries 2.826106e+07
Sum
chn

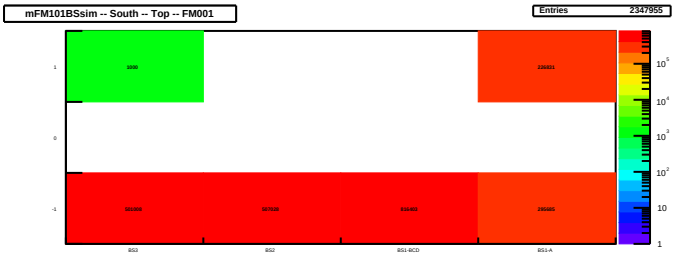

FM009
Entries 2.826106e+07
Sum
chn

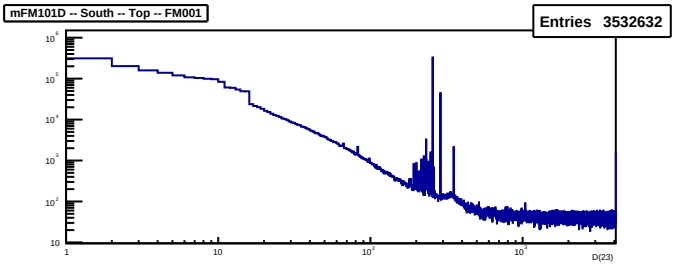

FM010
Entries 2.826106e+07
Sum
chn

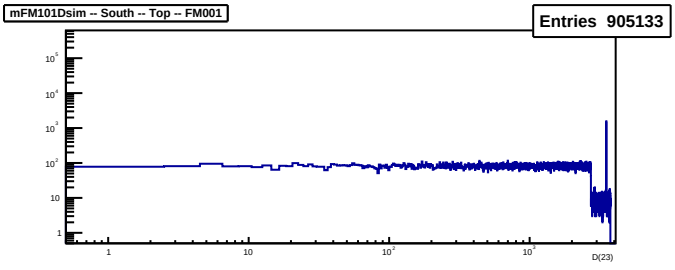

FM011
Entries 2.826106e+07
Sum
chn

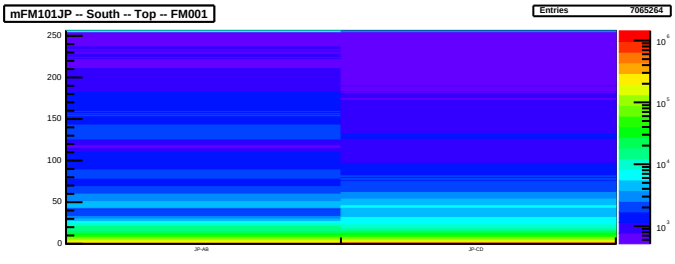

FM012
Entries 2.826106e+07
Sum
chn

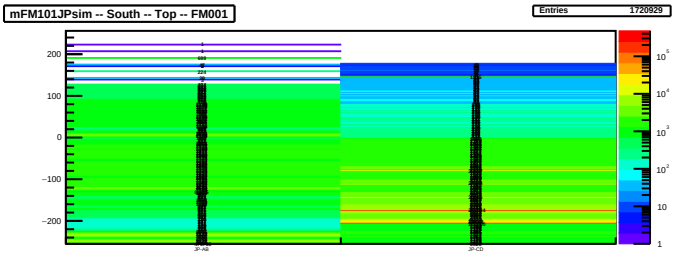

mFM101BS -- South -- Top -- FM001
Entries 1.413053e+07

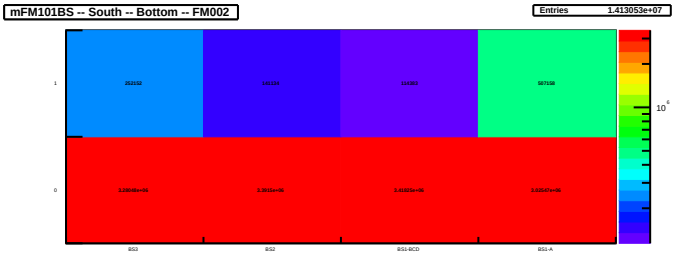

mFM101BSsim -- South -- Top -- FM001
Entries 2347955

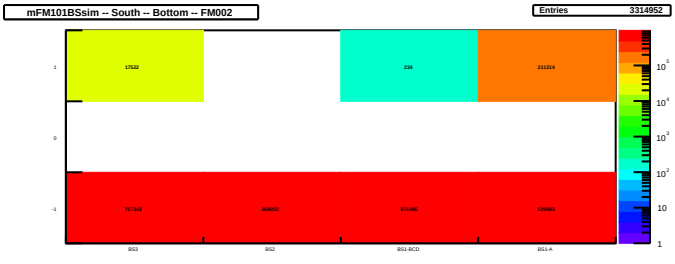

mFM101D -- South -- Top -- FM001
Entries 3532632
D(23)

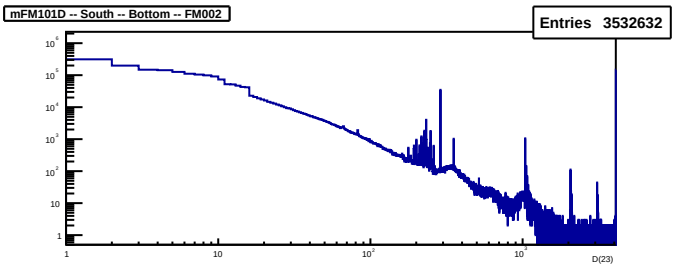

mFM101Dsim -- South -- Top -- FM001
Entries 905133
D(23)

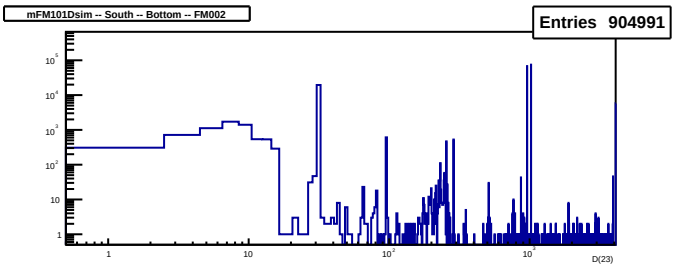

mFM101JP -- South -- Top -- FM001
Entries 7065264

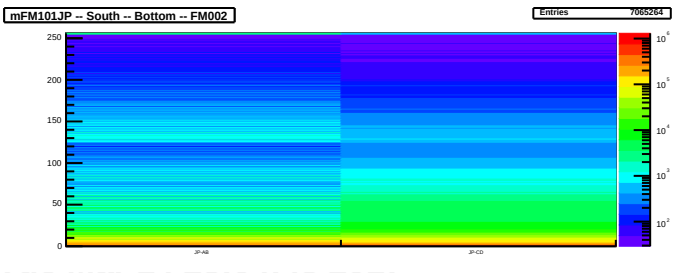

mFM101JPsim -- South -- Top -- FM001
Entries 1720929

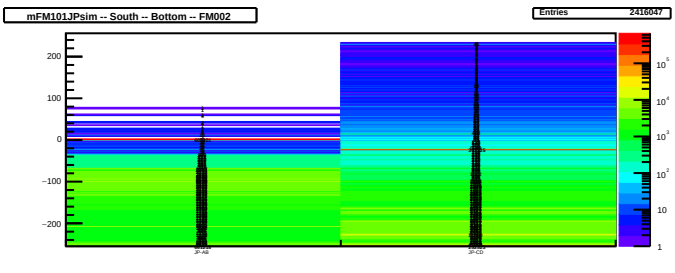

mFM101BS -- South -- Bottom -- FM002
Entries 1.413053e+07

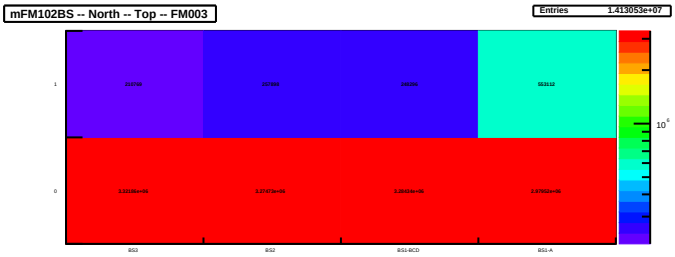

mFM101BSsim -- South -- Bottom -- FM002
Entries 3314952

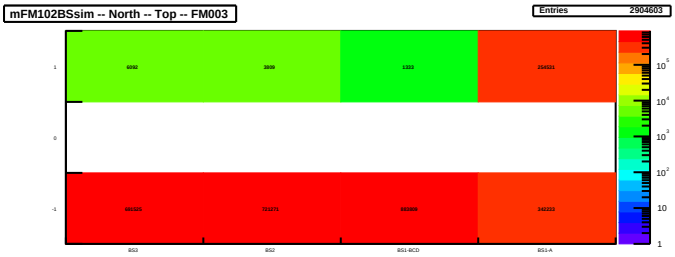

mFM101D -- South -- Bottom -- FM002
Entries 3532632
D(23)

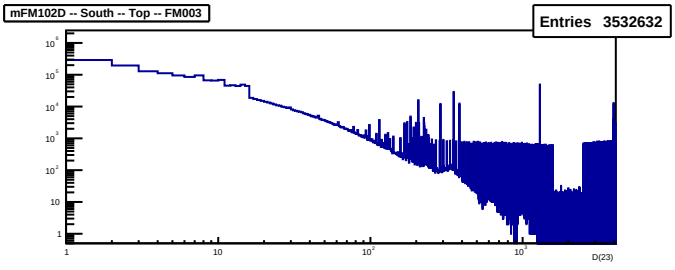

mFM101Dsim -- South -- Bottom -- FM002
Entries 904991
D(23)

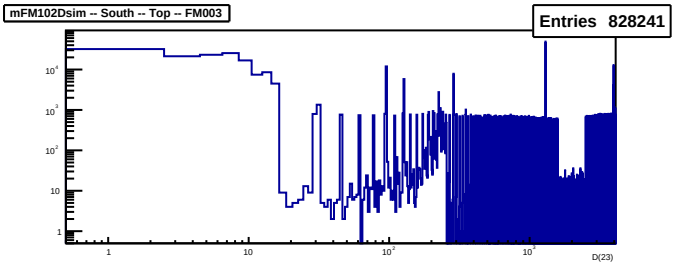

mFM101JP -- South -- Bottom -- FM002
Entries 7065264

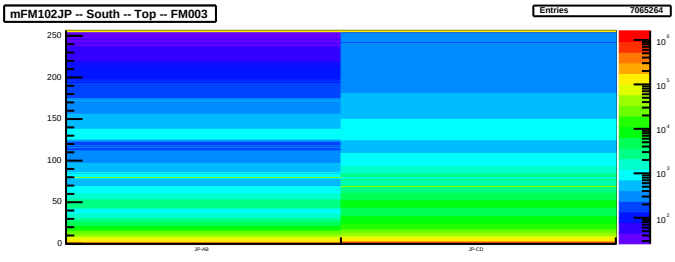

mFM101JPsim -- South -- Bottom -- FM002
Entries 2416047

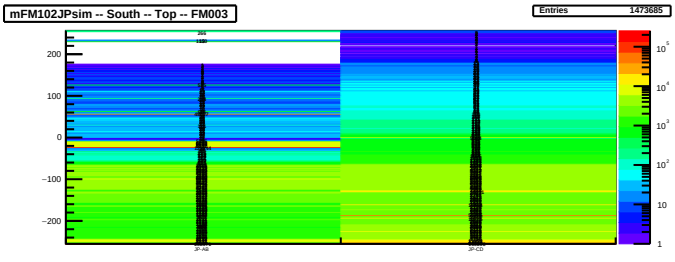

mFM102BS -- North -- Top -- FM003
Entries 1.413053e+07

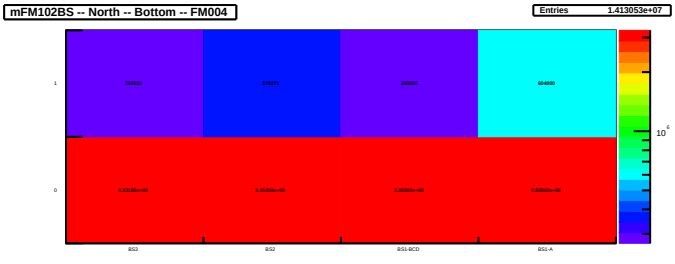

mFM102BSsim -- North -- Top -- FM003
Entries 2904603

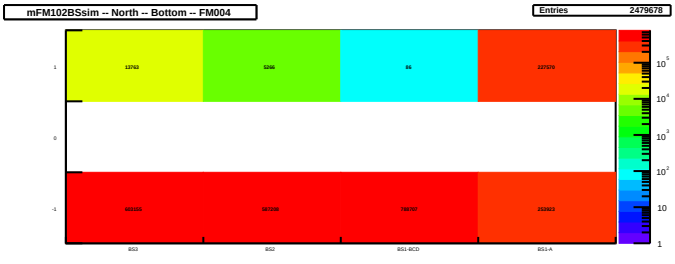

mFM102D -- South -- Top -- FM003
Entries 3532632
D(23)

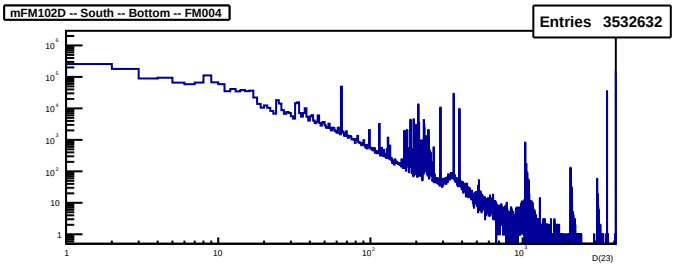

mFM102Dsim -- South -- Top -- FM003
Entries 828241
D(23)

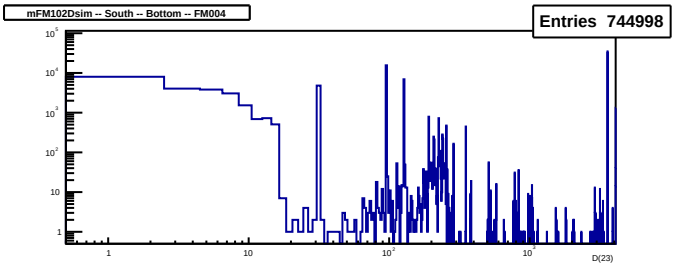

mFM102JP -- South -- Top -- FM003
Entries 7065264

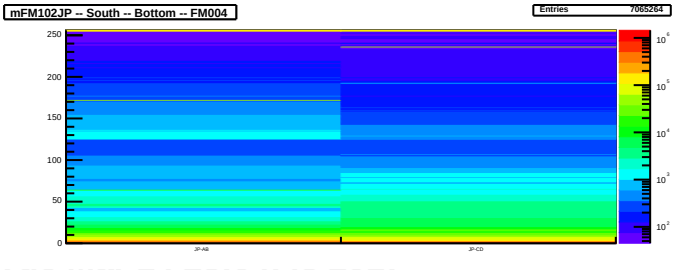

mFM102JPsim -- South -- Top -- FM003
Entries 1473685

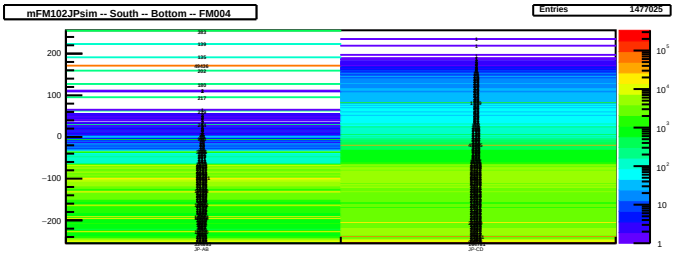

mFM102BS -- North -- Bottom -- FM004
Entries 1.413053e+07

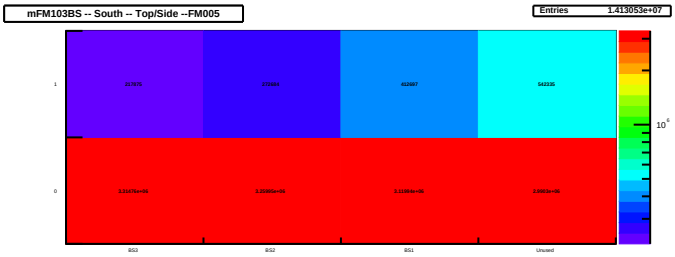

mFM102BSsim -- North -- Bottom -- FM004
Entries 2479678

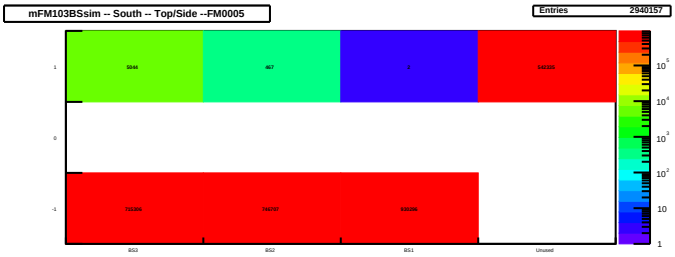

mFM102D -- South -- Bottom -- FM004
Entries 3532632
D(23)

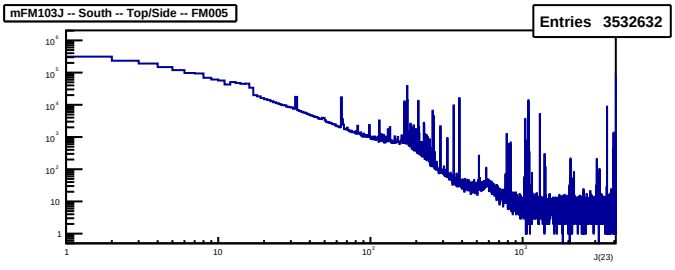

mFM102Dsim -- South -- Bottom -- FM004
Entries 744998
D(23)

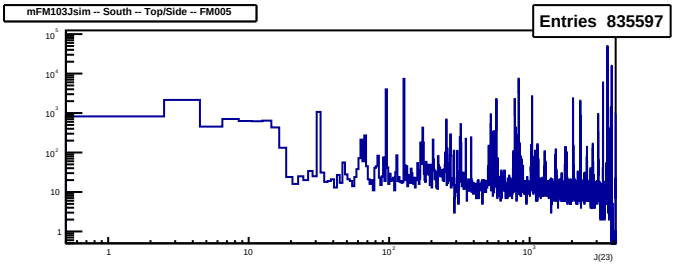

mFM102JP -- South -- Bottom -- FM004
Entries 7065264

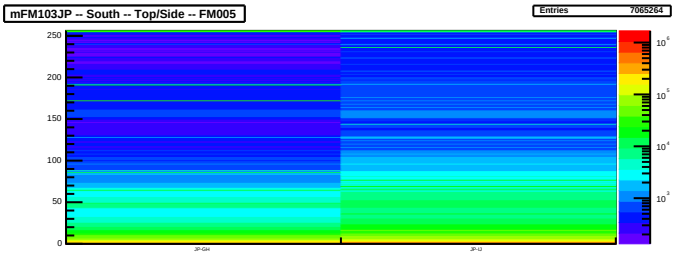

mFM102JPsim -- South -- Bottom -- FM004
Entries 1477025

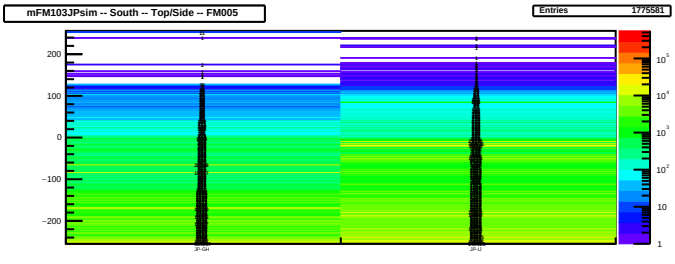

mFM103BS -- South -- Top/Side --FM005
Entries 1.413053e+07

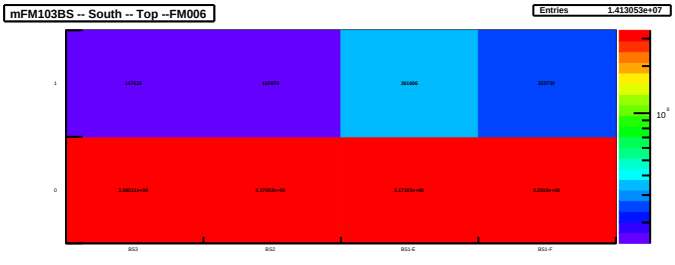

mFM103BSsim -- South -- Top/Side --FM0005
Entries 2940157

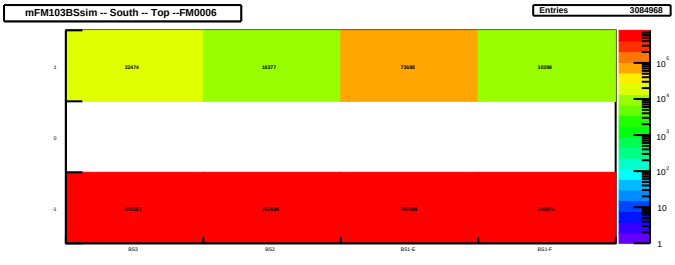

mFM103J -- South -- Top/Side -- FM005
Entries 3532632
J(23)

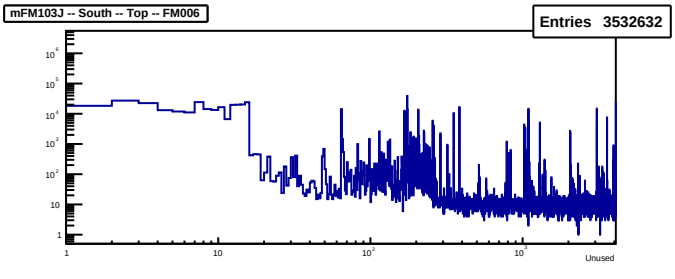

mFM103Jsim -- South -- Top/Side -- FM005
Entries 835597
J(23)

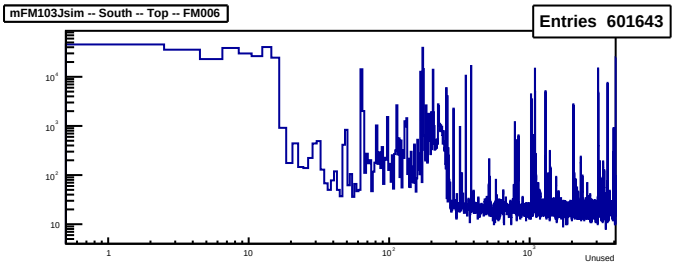

mFM103JP -- South -- Top/Side -- FM005
Entries 7065264

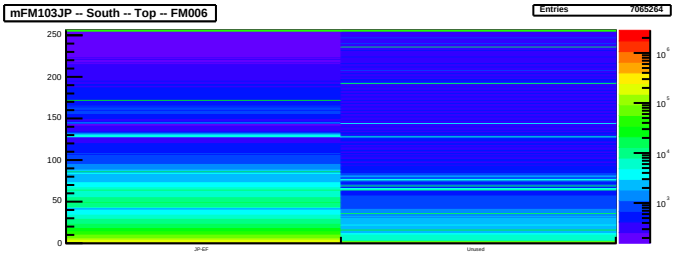

mFM103JPsim -- South -- Top/Side -- FM005
Entries 1775581

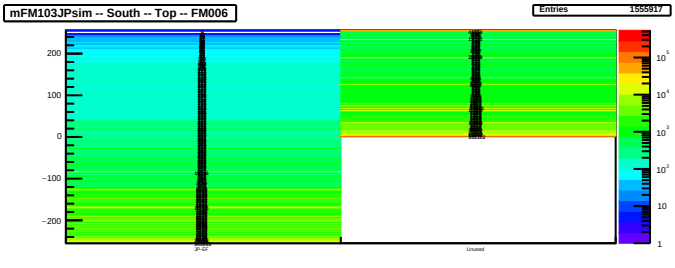

mFM103BS -- South -- Top --FM006
Entries 1.413053e+07

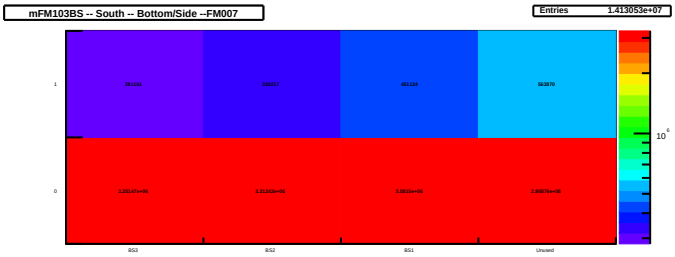

mFM103BSsim -- South -- Top --FM0006
Entries 3084968

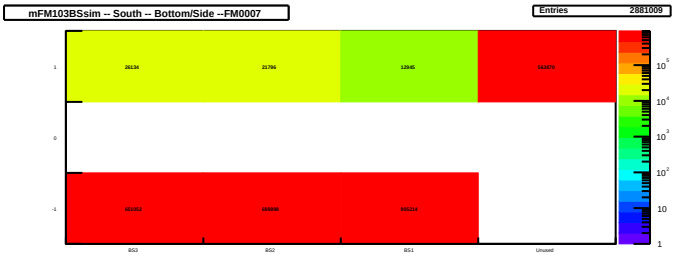

mFM103J -- South -- Top -- FM006
Entries 3532632
Unused

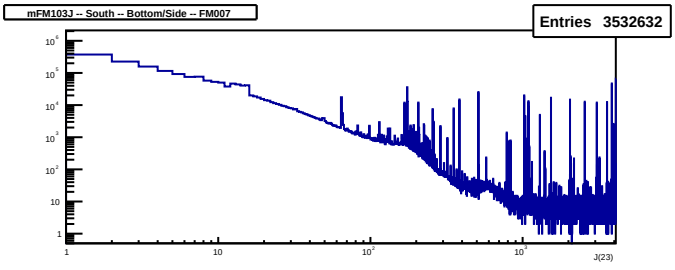

mFM103Jsim -- South -- Top -- FM006
Entries 601643
Unused

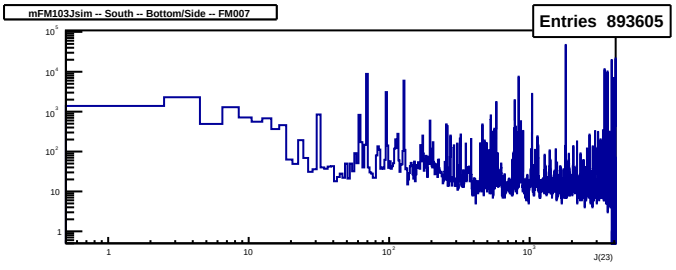

mFM103JP -- South -- Top -- FM006
Entries 7065264

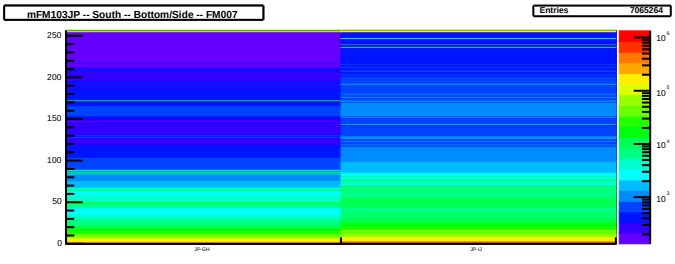

mFM103JPsim -- South -- Top -- FM006
Entries 1555917

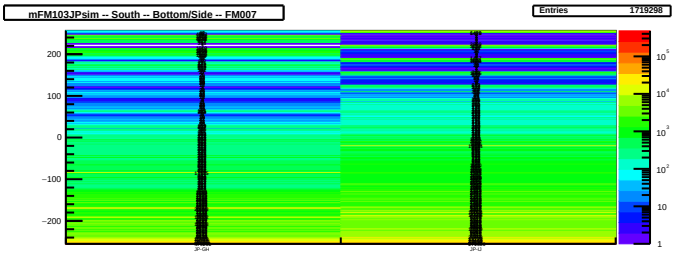

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.413053e+07

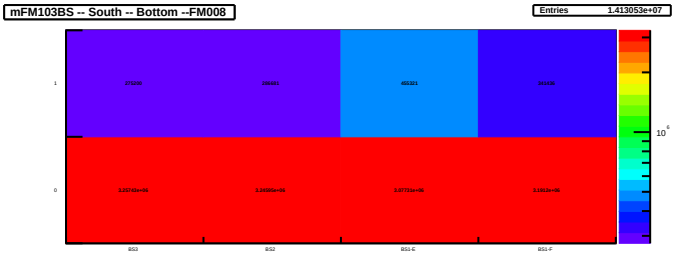

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 2881009

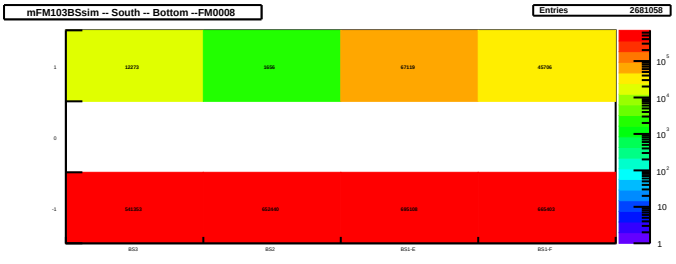

mFM103J -- South -- Bottom/Side -- FM007
Entries 3532632
J(23)

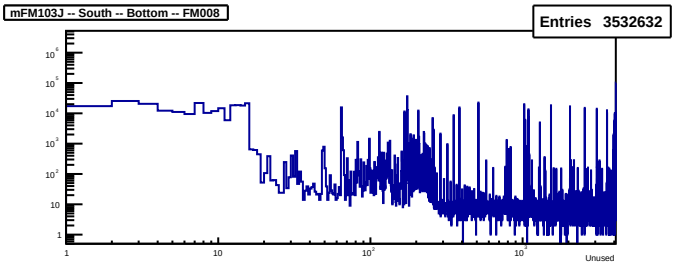

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 893605
J(23)

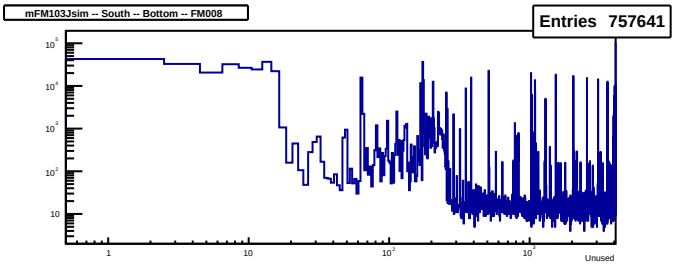

mFM103JP -- South -- Bottom/Side -- FM007
Entries 7065264

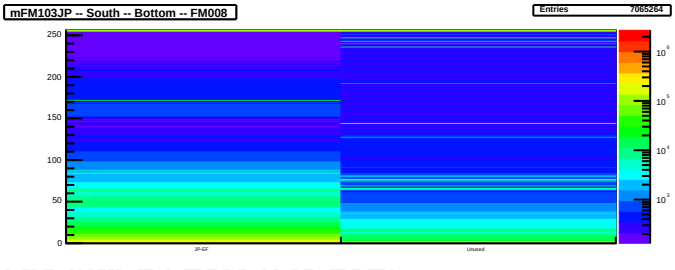

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 1719298

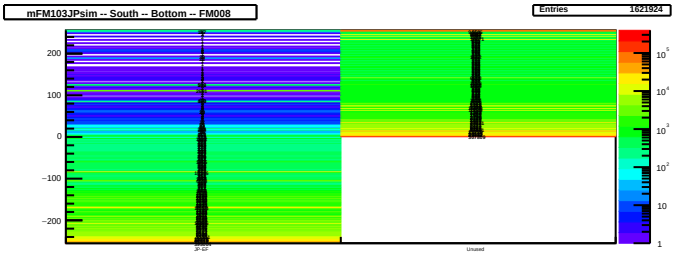

mFM103BS -- South -- Bottom --FM008
Entries 1.413053e+07

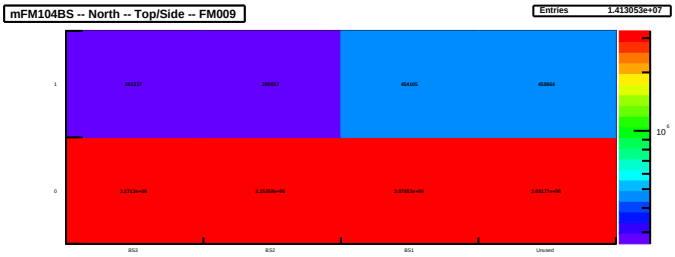

mFM103BSsim -- South -- Bottom --FM0008
Entries 2681058

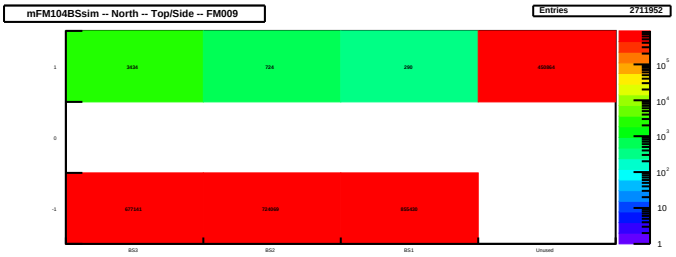

mFM103J -- South -- Bottom -- FM008
Entries 3532632
Unused

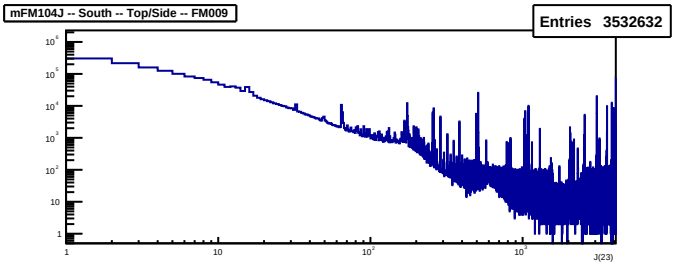

mFM103Jsim -- South -- Bottom -- FM008
Entries 757641
Unused

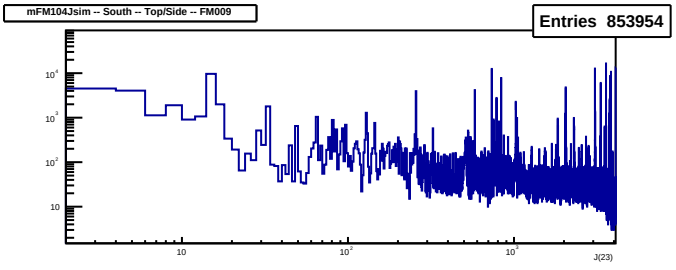

mFM103JP -- South -- Bottom -- FM008
Entries 7065264

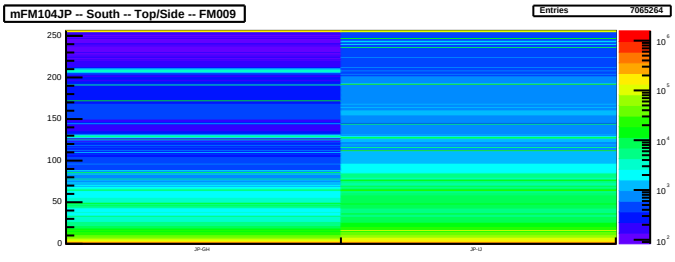

mFM103JPsim -- South -- Bottom -- FM008
Entries 1621924

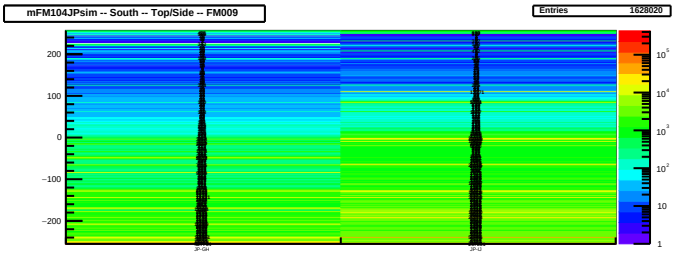

mFM104BS -- North -- Top/Side -- FM009
Entries 1.413053e+07

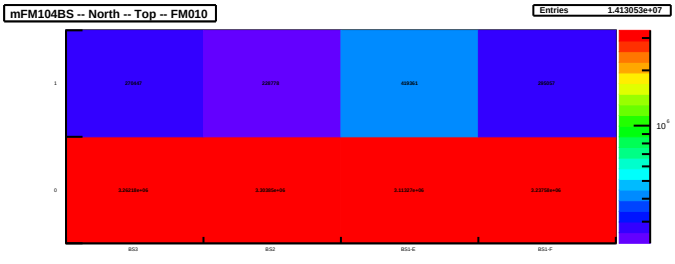

mFM104BSsim -- North -- Top/Side -- FM009
Entries 2711952

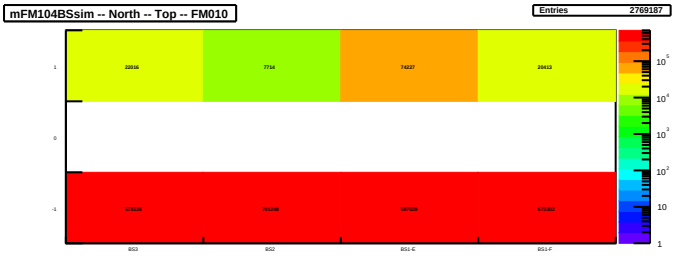

mFM104J -- South -- Top/Side -- FM009
Entries 3532632
J(23)

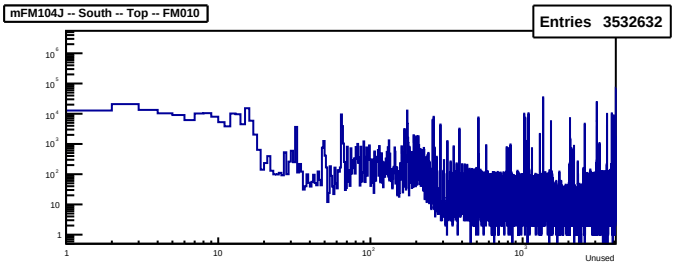

mFM104Jsim -- South -- Top/Side -- FM009
Entries 853954
J(23)

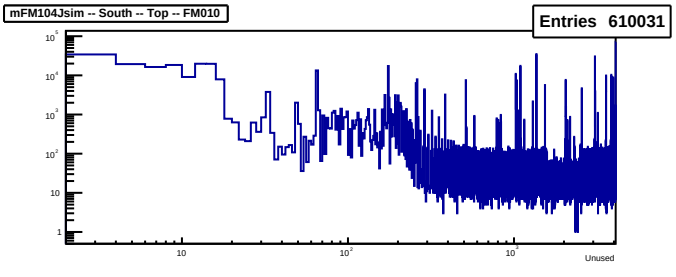

mFM104JP -- South -- Top/Side -- FM009
Entries 7065264

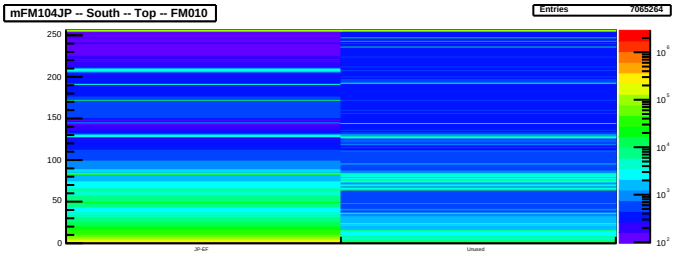

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1628020

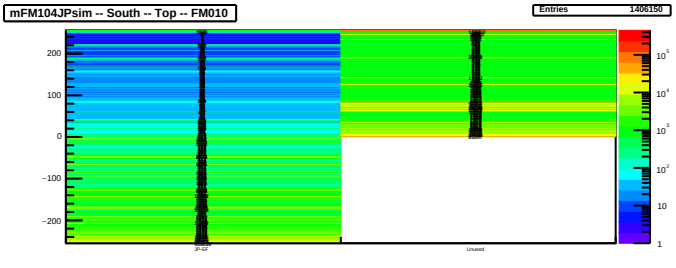

mFM104BS -- North -- Top -- FM010
Entries 1.413053e+07

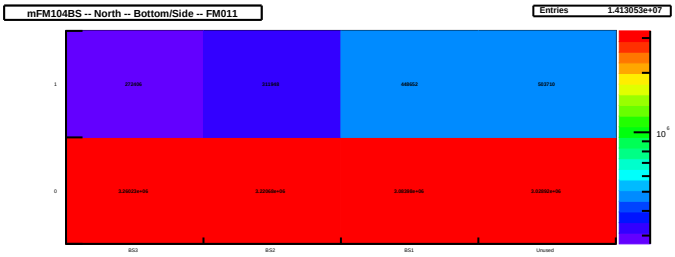

mFM104BSsim -- North -- Top -- FM010
Entries 2769187

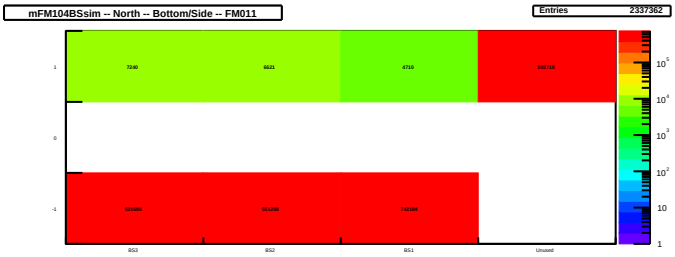

mFM104J -- South -- Top -- FM010
Entries 3532632
Unused

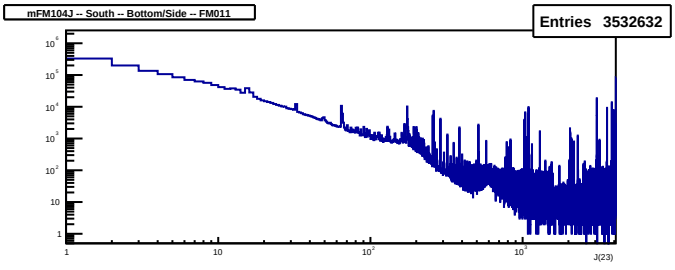

mFM104Jsim -- South -- Top -- FM010
Entries 610031
Unused

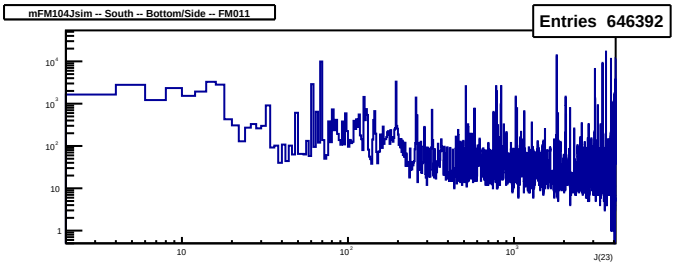

mFM104JP -- South -- Top -- FM010
Entries 7065264

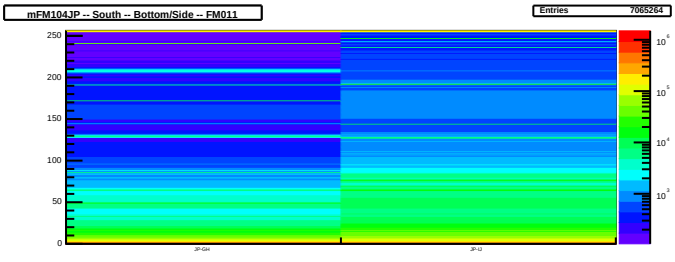

mFM104JPsim -- South -- Top -- FM010
Entries 1406150

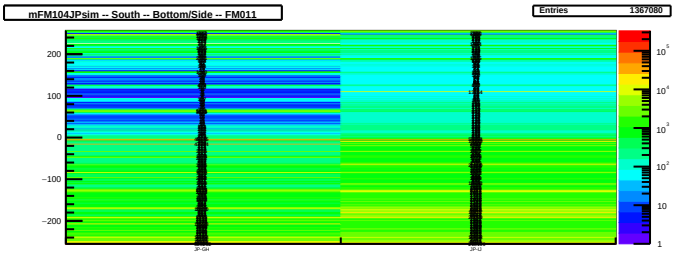

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.413053e+07

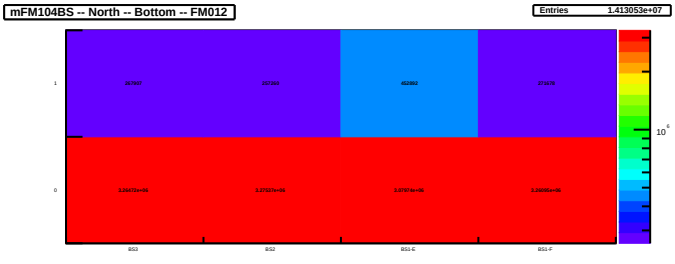

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2337362

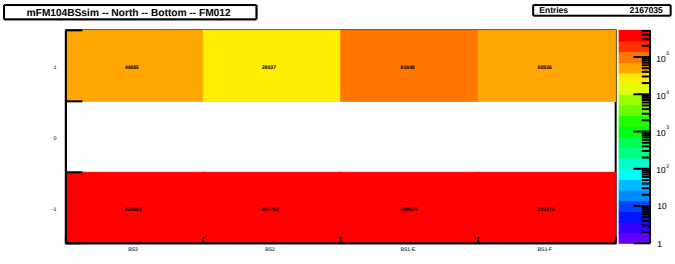

mFM104J -- South -- Bottom/Side -- FM011
Entries 3532632
J(23)

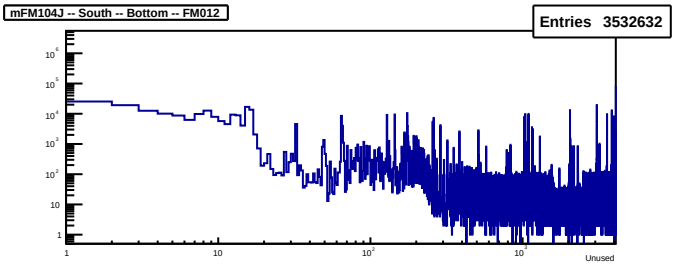

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 646392
J(23)

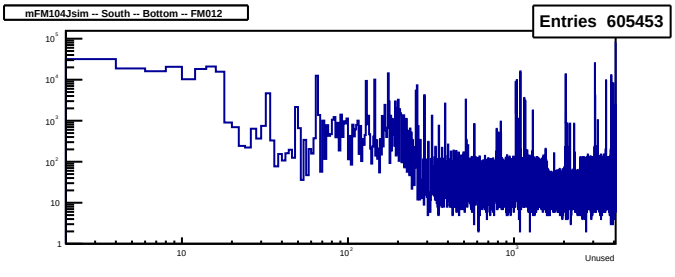

mFM104JP -- South -- Bottom/Side -- FM011
Entries 7065264

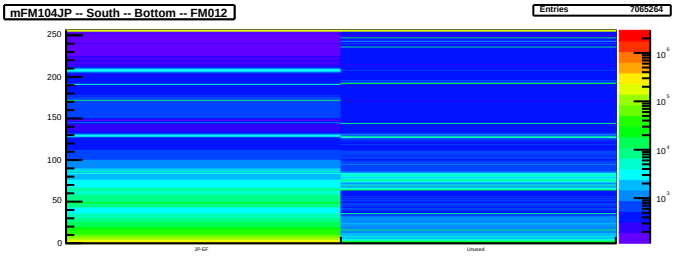

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1367080

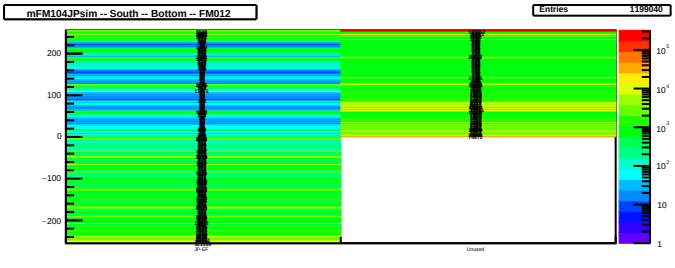

mFM104BS -- North -- Bottom -- FM012
Entries 1.413053e+07

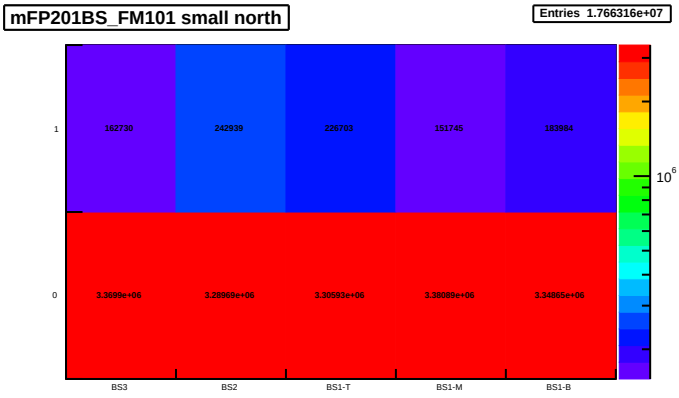

mFM104BSsim -- North -- Bottom -- FM012
Entries 2167035

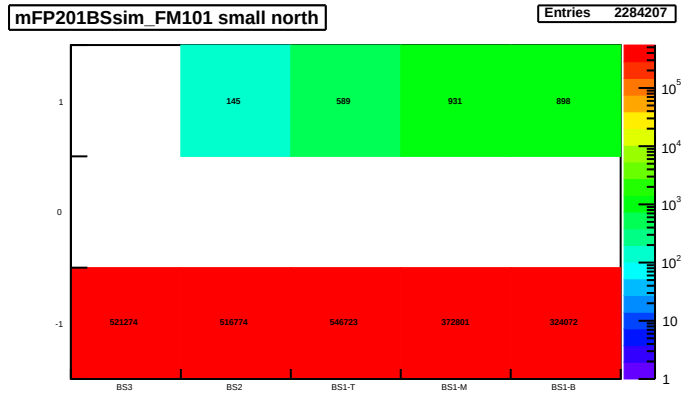

mFM104J -- South -- Bottom -- FM012
Entries 3532632
Unused

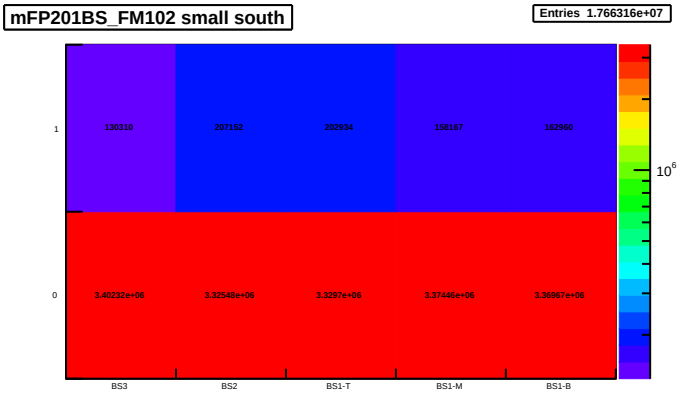

mFM104Jsim -- South -- Bottom -- FM012
Entries 605453
Unused

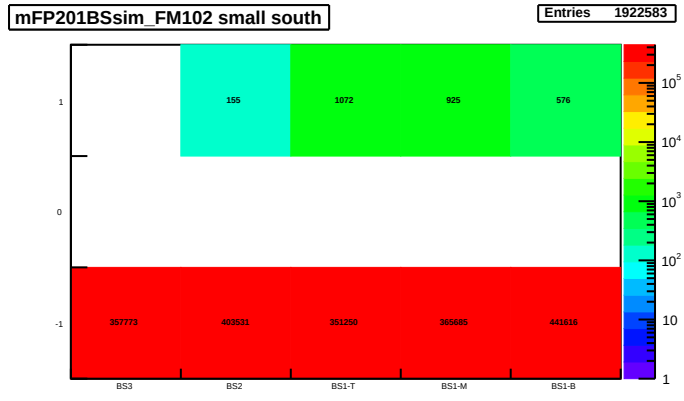

mFM104JP -- South -- Bottom -- FM012
Entries 7065264

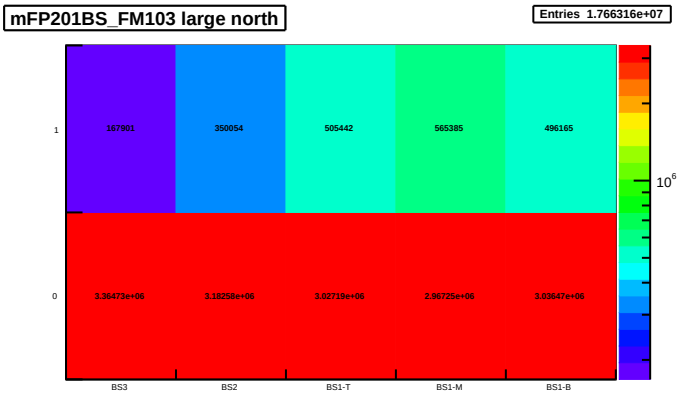

mFM104JPsim -- South -- Bottom -- FM012
Entries 1199040

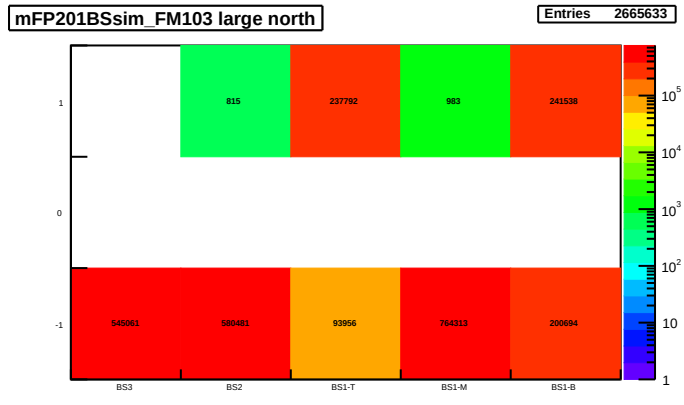

mFP201BS_FM101 small north
Entries 1.766316e+07
162730
242939
226703
151745
183984
3.3699e+06
3.28969e+06
3.30593e+06
3.38089e+06
3.34865e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

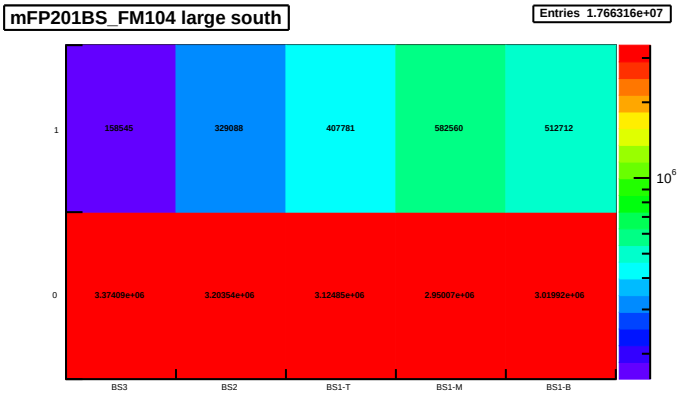

mFP201BSsim_FM101 small north
Entries 2284207
145
589
931
898
521274
516774
546723
372801
324072
BS3
BS2
BS1-T
BS1-M
BS1-B

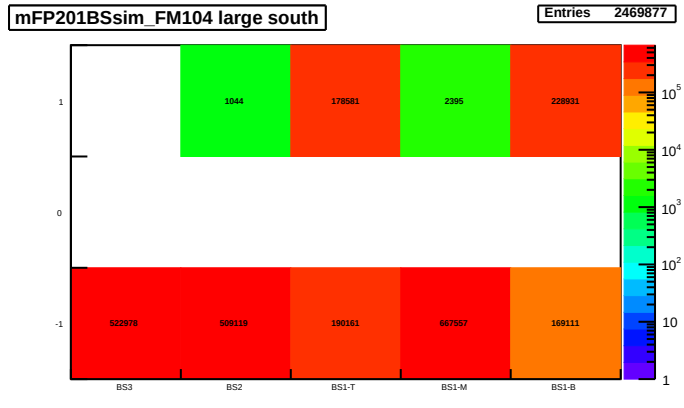

mFP201BS_FM102 small south
Entries 1.766316e+07
130310
207152
202934
158167
162960
3.40232e+06
3.32548e+06
3.3297e+06
3.37446e+06
3.36967e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

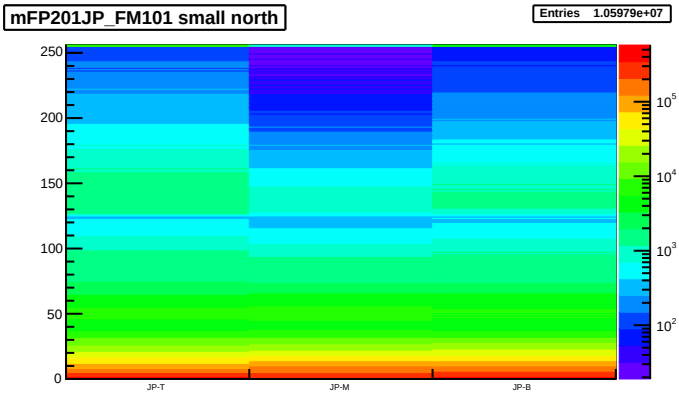

mFP201BSsim_FM102 small south
Entries 1922583
155
1072
925
576
357773
403531
351250
365685
441616
BS3
BS2
BS1-T
BS1-M
BS1-B

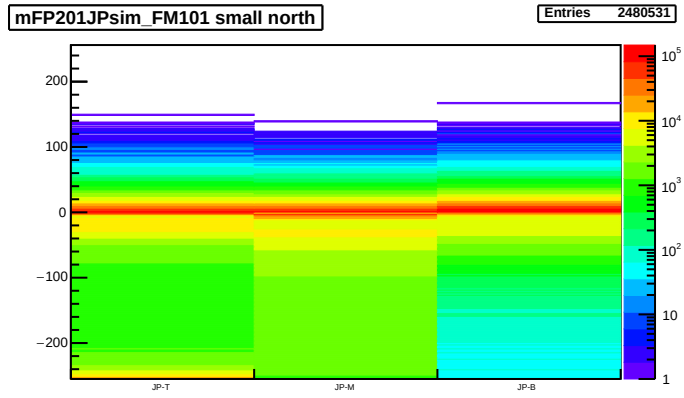

mFP201BS_FM103 large north
Entries 1.766316e+07
167901
350054
505442
565385
496165
3.36473e+06
3.18258e+06
3.02719e+06
2.96725e+06
3.03647e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

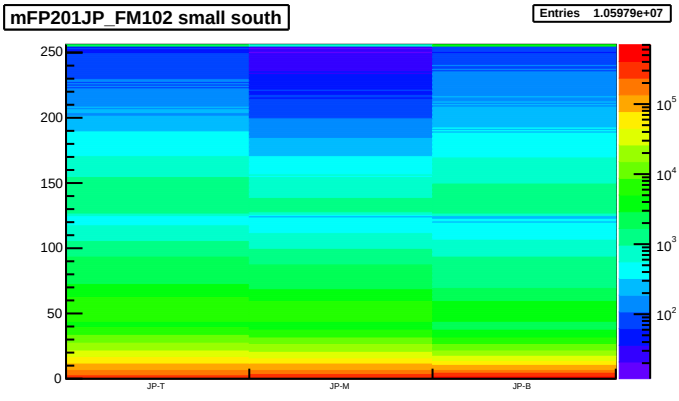

mFP201BSsim_FM103 large north
Entries 2665633
815
237792
983
241538
545061
580481
93956
764313
200694
BS3
BS2
BS1-T
BS1-M
BS1-B

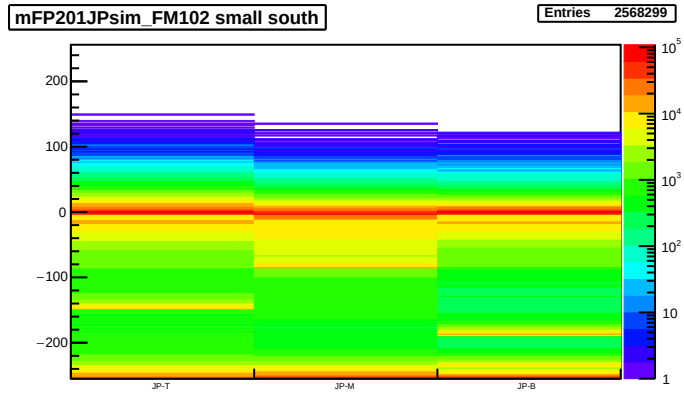

mFP201BS_FM104 large south
Entries 1.766316e+07
158545
329088
407781
582560
512712
3.37409e+06
3.20354e+06
3.12485e+06
2.95007e+06
3.01992e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

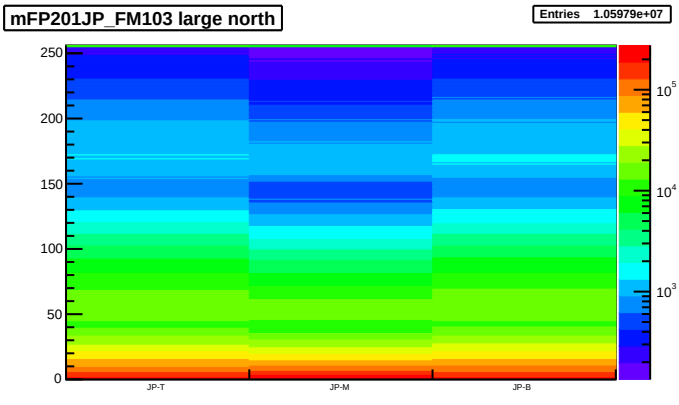

mFP201BSsim_FM104 large south
Entries 2469877
1044
178581
2395
228931
522978
509119
190161
667557
169111
BS3
BS2
BS1-T
BS1-M
BS1-B

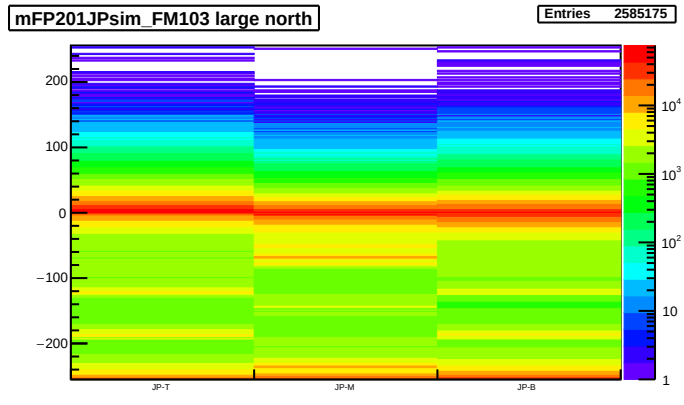

mFP201JP_FM101 small north
Entries 1.05979e+07
JP-T
JP-M
JP-B

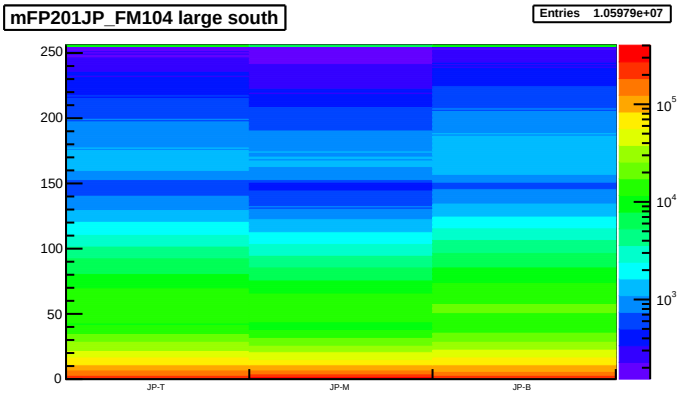

mFP201JPsim_FM101 small north
Entries 2480531
JP-T
JP-M
JP-B

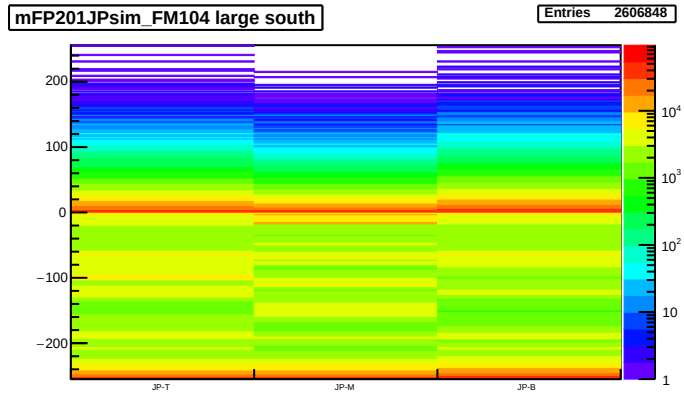

mFP201JP_FM102 small south
Entries 1.05979e+07
JP-T
JP-M
JP-B

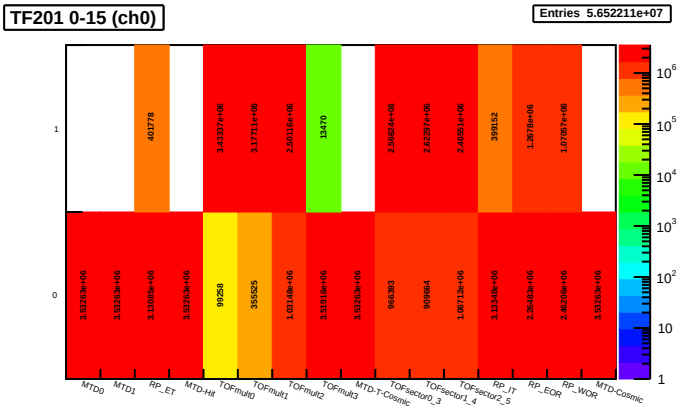

mFP201JPsim_FM102 small south
Entries 2568299
JP-T
JP-M
JP-B

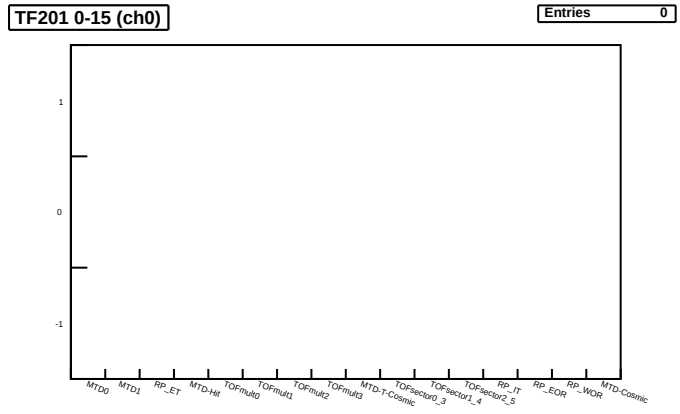

mFP201JP_FM103 large north
Entries 1.05979e+07
JP-T
JP-M
JP-B

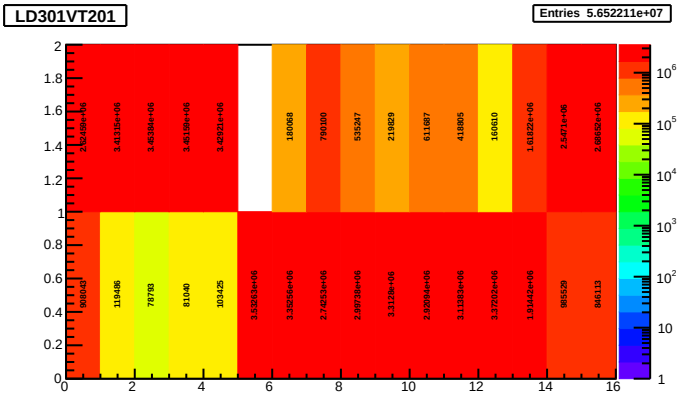

mFP201JPsim_FM103 large north
Entries 2585175
JP-T
JP-M
JP-B

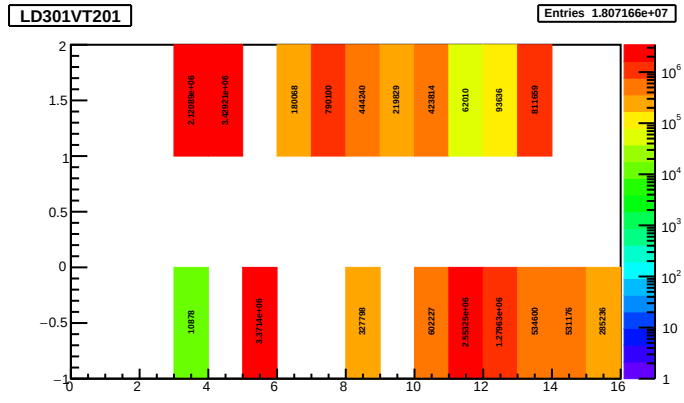

mFP201JP_FM104 large south
Entries 1.05979e+07
JP-T
JP-M
JP-B

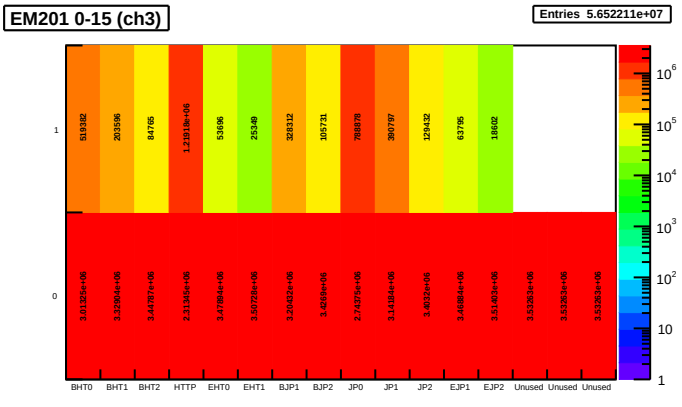

mFP201JPsim_FM104 large south
Entries 2606848
JP-T
JP-M
JP-B

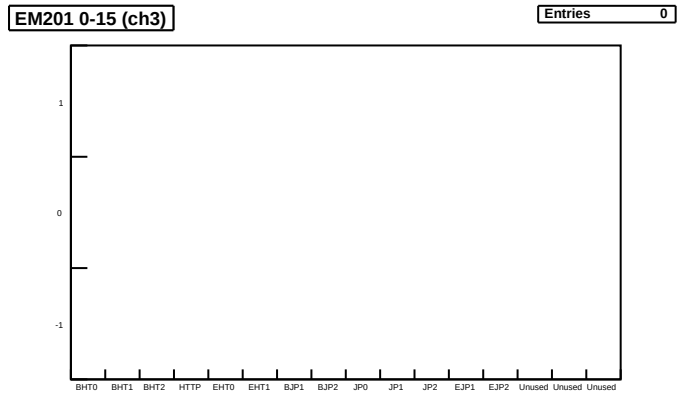

TF201 0-15 (ch0)
Entries 5.652211e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

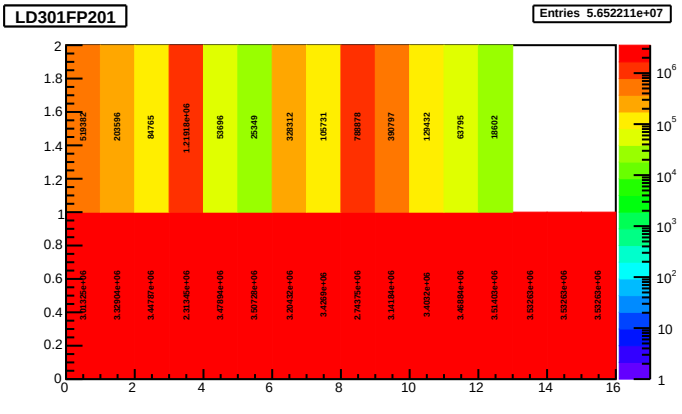

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

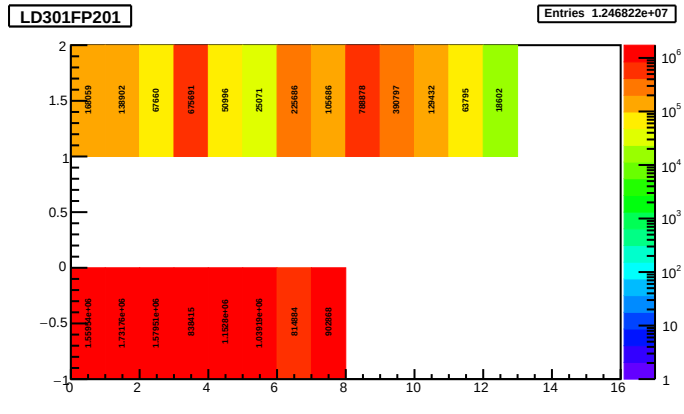

LD301VT201
Entries 5.652211e+07


LD301VT201
Entries 1.807166e+07


EM201 0-15 (ch3)
Entries 5.652211e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


LD301FP201
Entries 5.652211e+07


LD301FP201
Entries 1.246822e+07