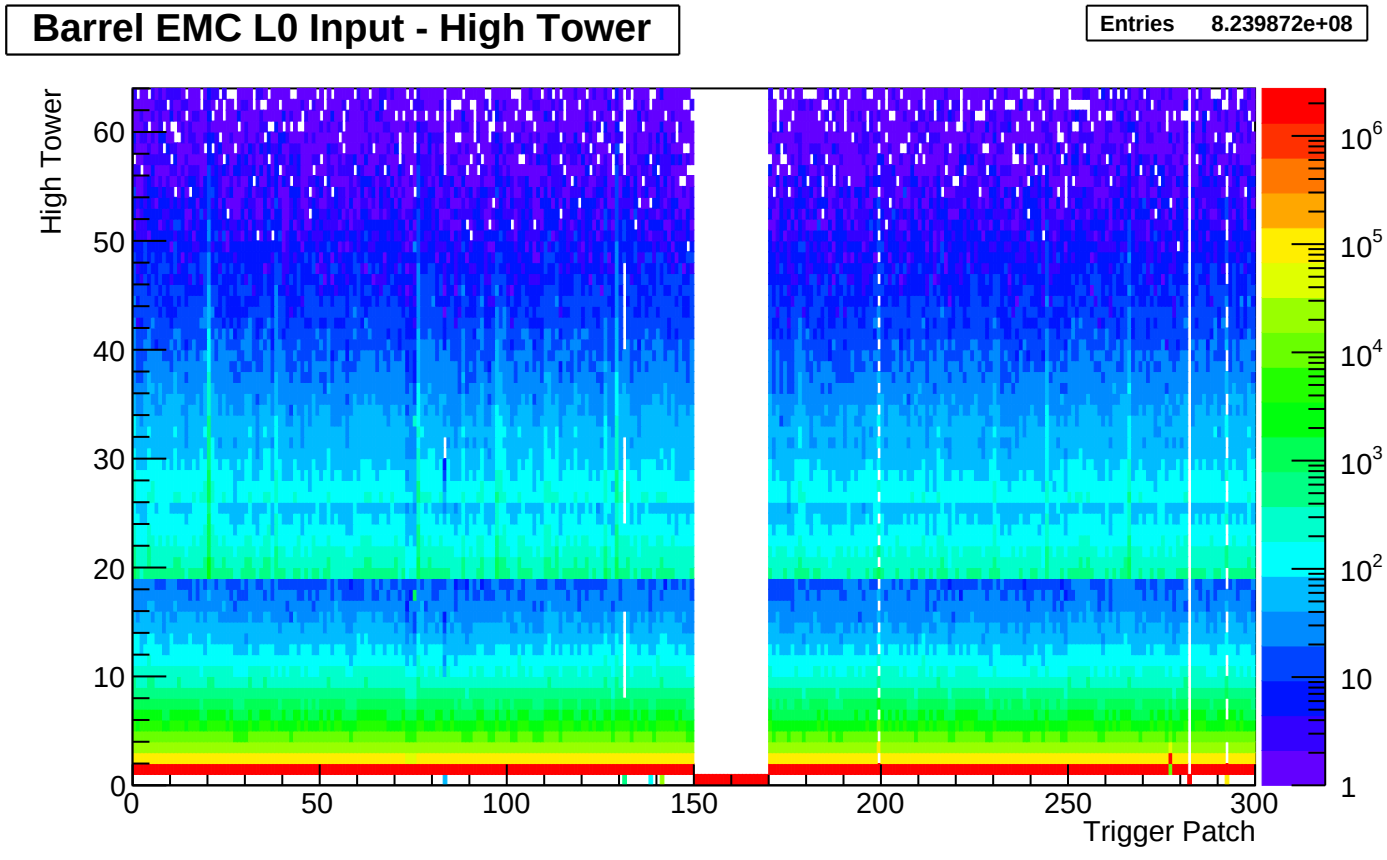
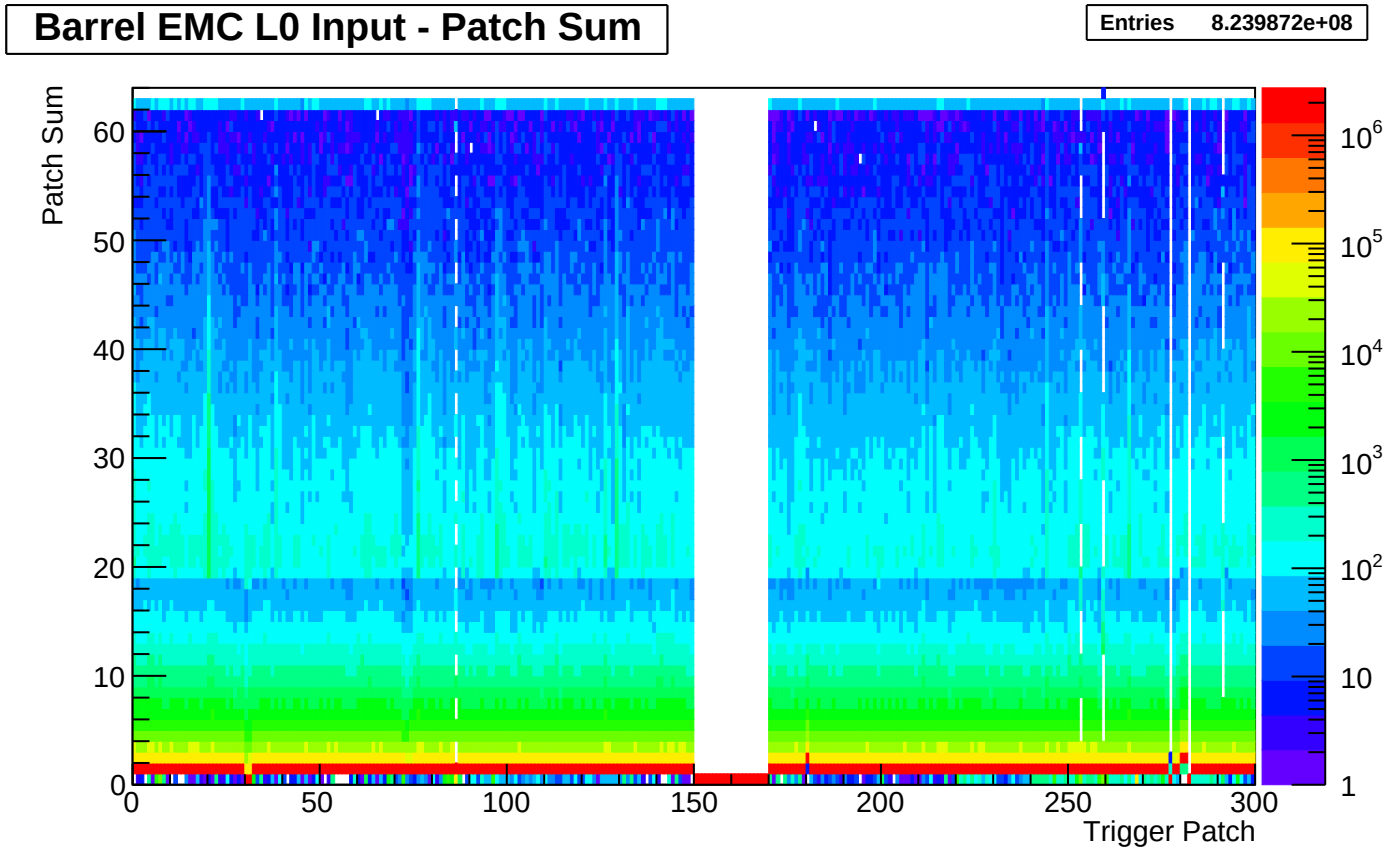
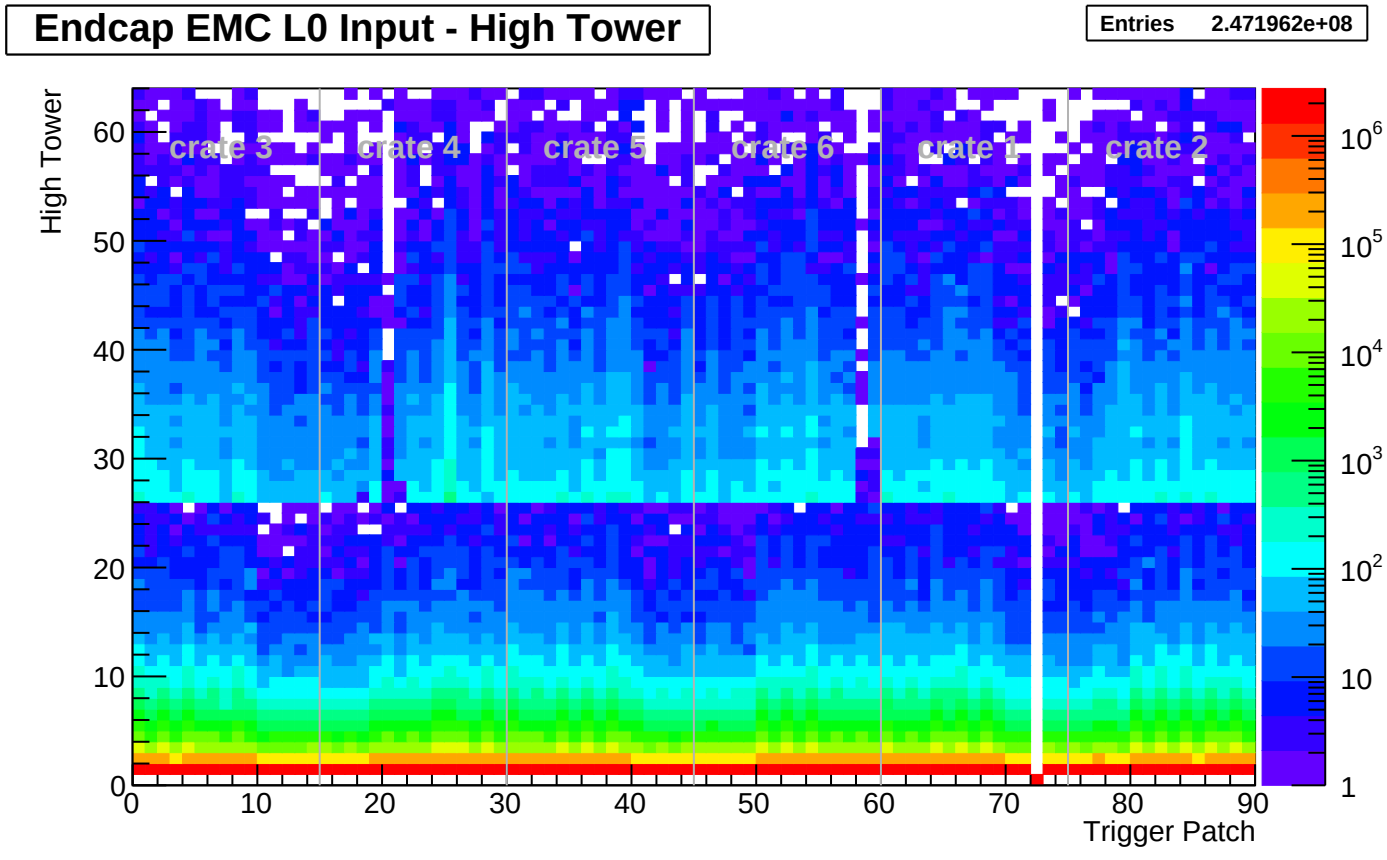
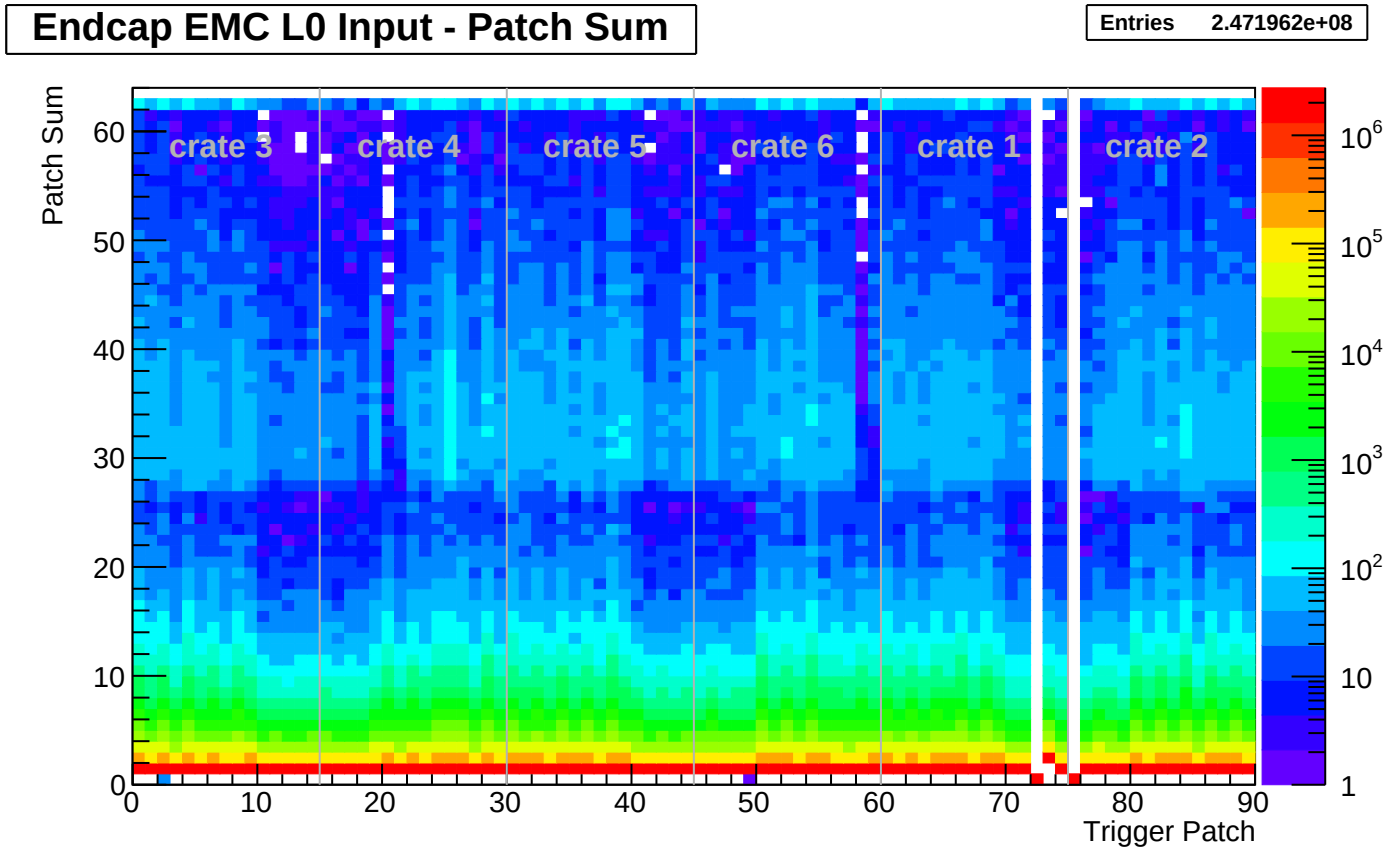
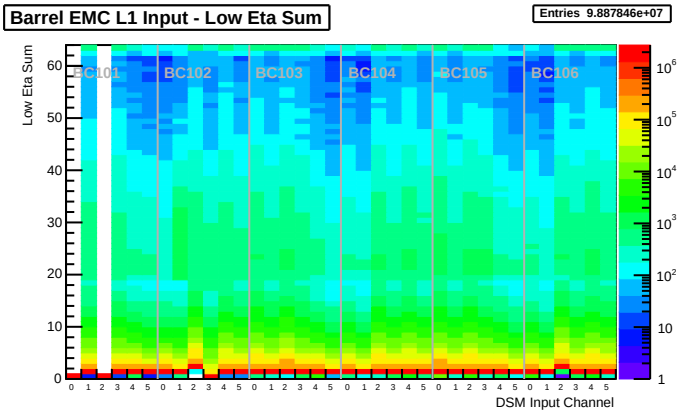
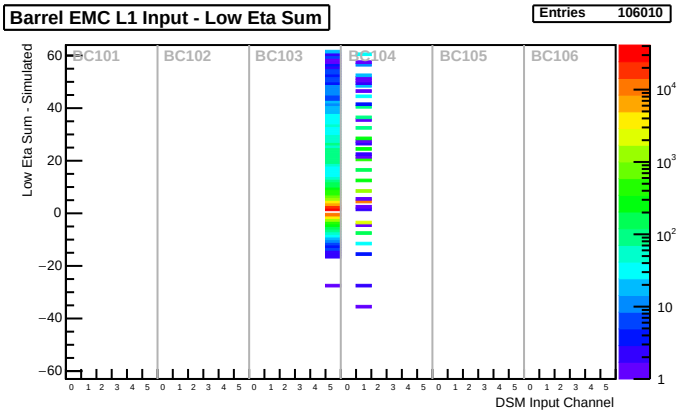

Barrel EMC L0 Input - High Tower
Entries 8.239872e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

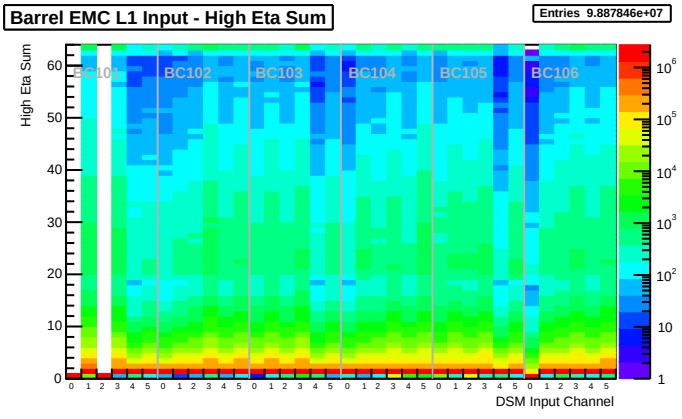

Barrel EMC L0 Input - Patch Sum
Entries 8.239872e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

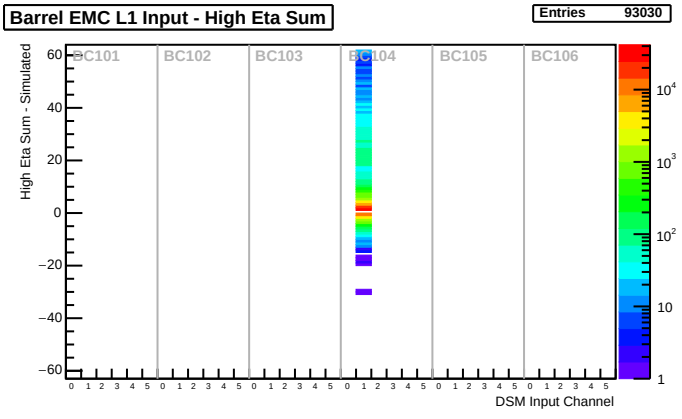

Endcap EMC L0 Input - High Tower
Entries 2.471962e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

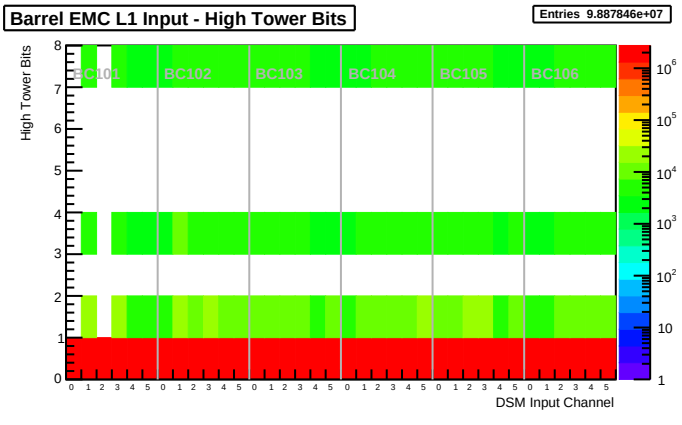

Endcap EMC L0 Input - Patch Sum
Entries 2.471962e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

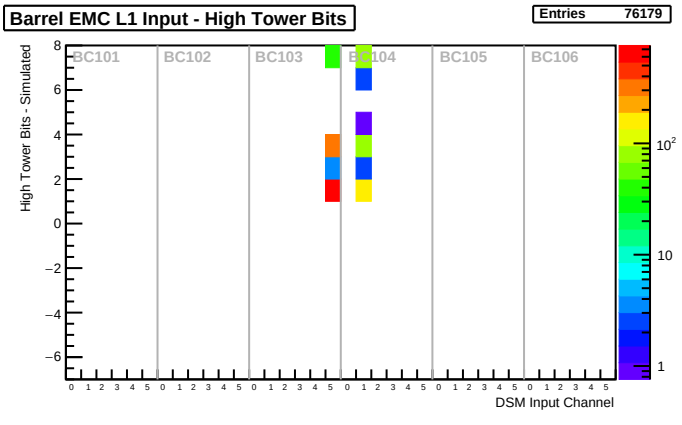

Barrel EMC L1 Input - Low Eta Sum
Entries 9.887846e+07
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

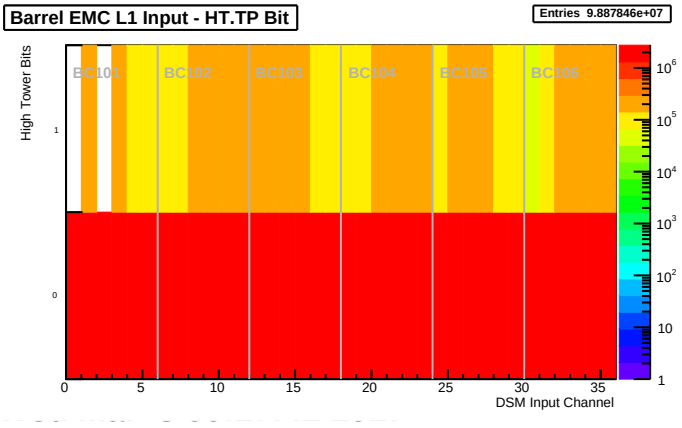

Barrel EMC L1 Input - Low Eta Sum
Entries 106010
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

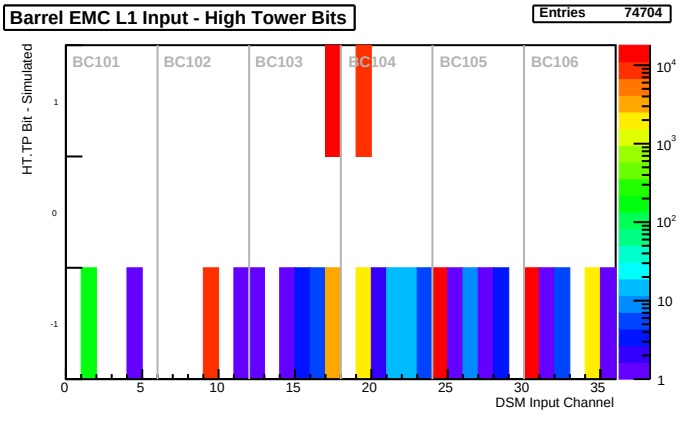

Barrel EMC L1 Input - High Eta Sum
Entries 9.887846e+07
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

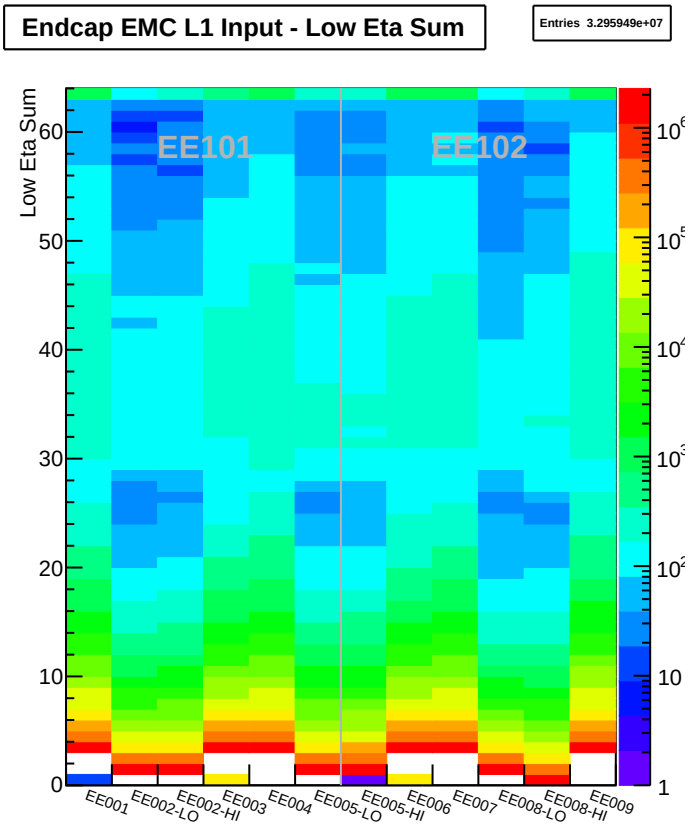

Barrel EMC L1 Input - High Eta Sum
Entries 93030
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

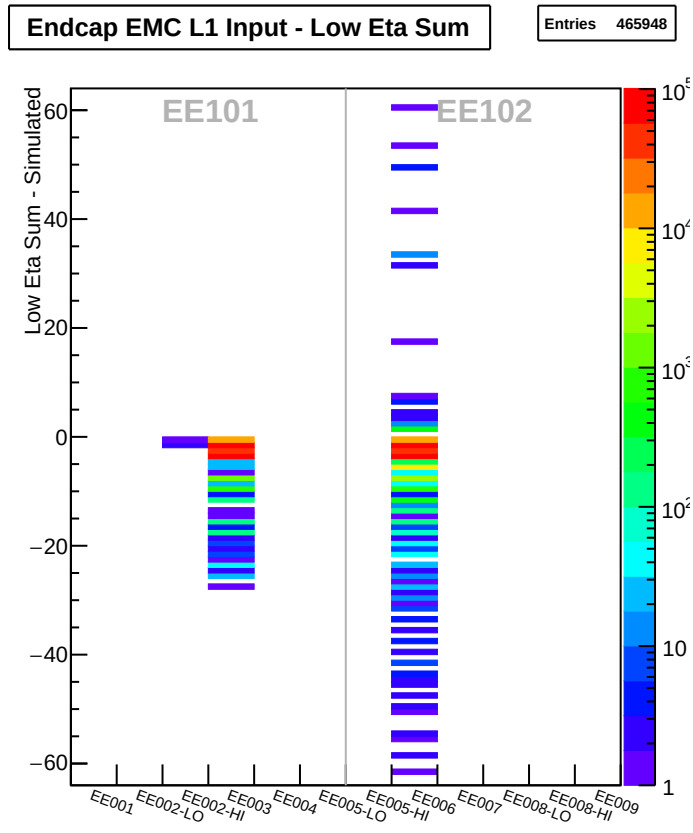

Barrel EMC L1 Input - High Tower Bits
Entries 9.887846e+07
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

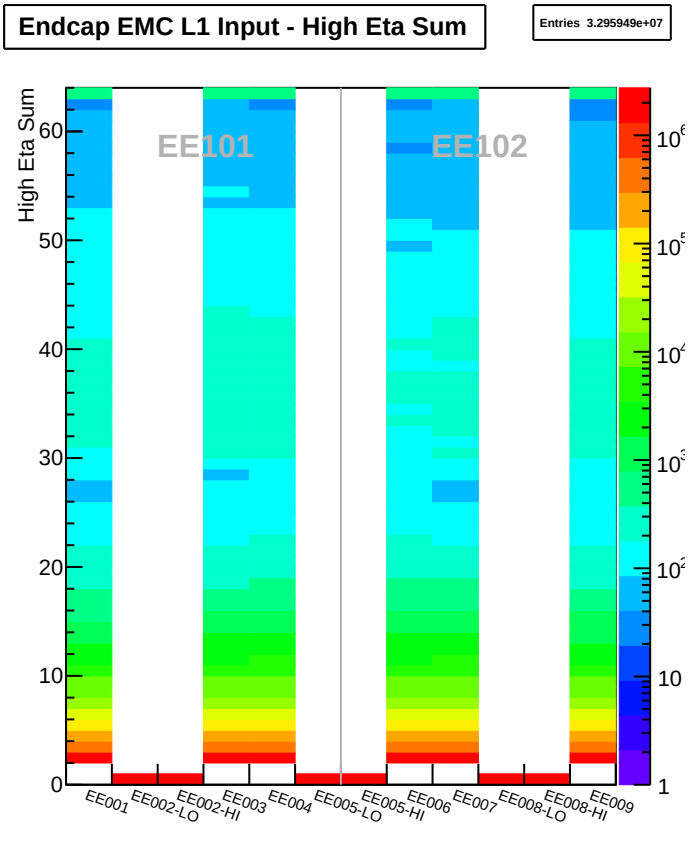

Barrel EMC L1 Input - High Tower Bits
Entries 76179
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

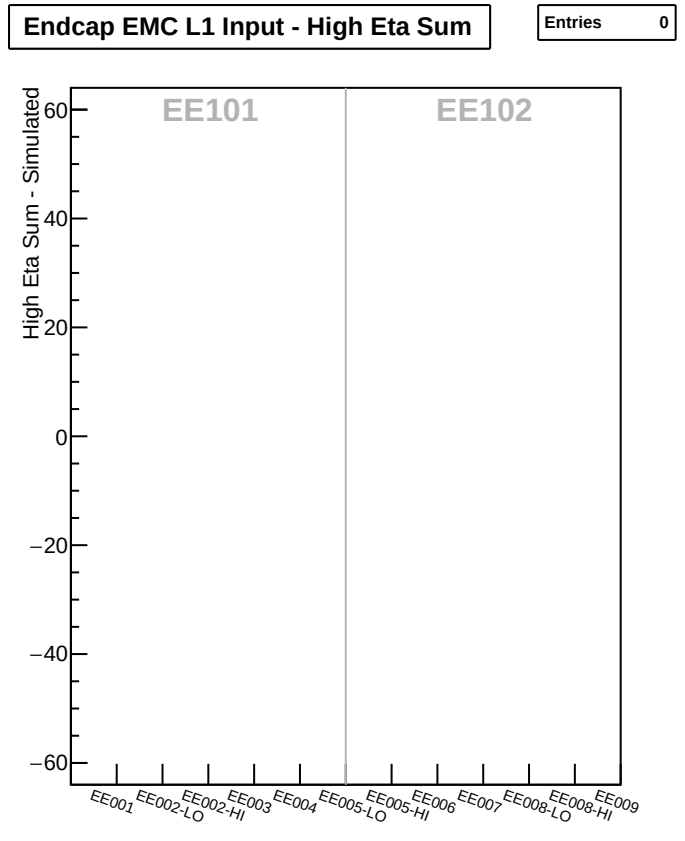

Barrel EMC L1 Input - HT.TP Bit
Entries 9.887846e+07
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

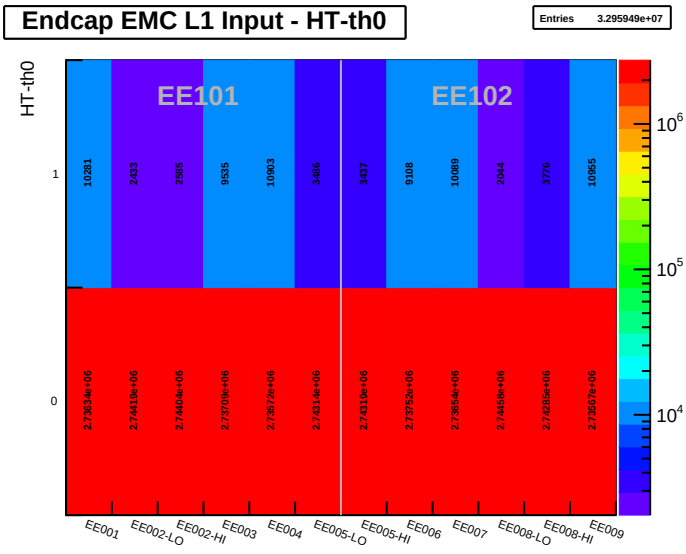

Barrel EMC L1 Input - High Tower Bits
Entries 74704
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

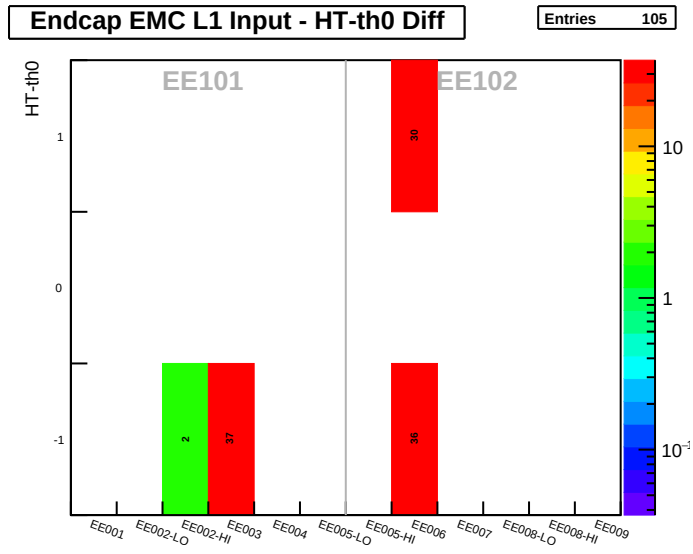

Endcap EMC L1 Input - Low Eta Sum
Entries 3.295949e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

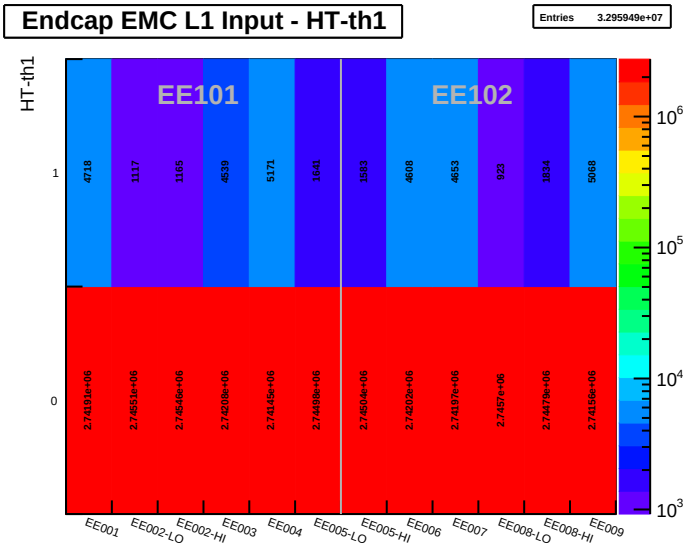

Endcap EMC L1 Input - Low Eta Sum
Entries 465948
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

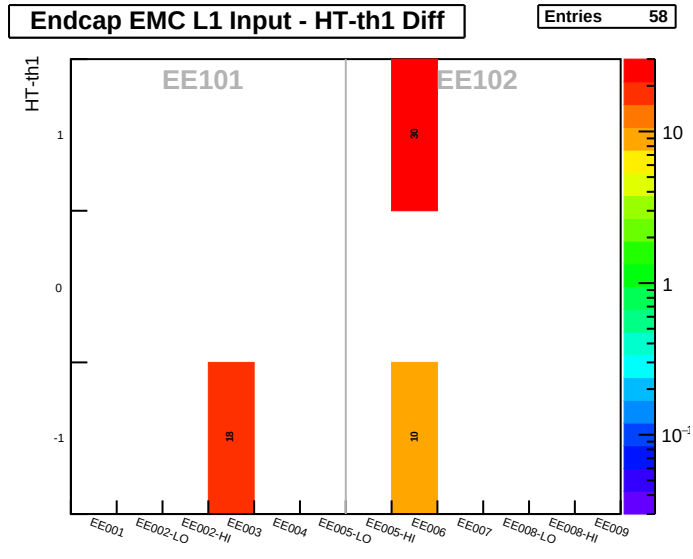

Endcap EMC L1 Input - High Eta Sum
Entries 3.295949e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

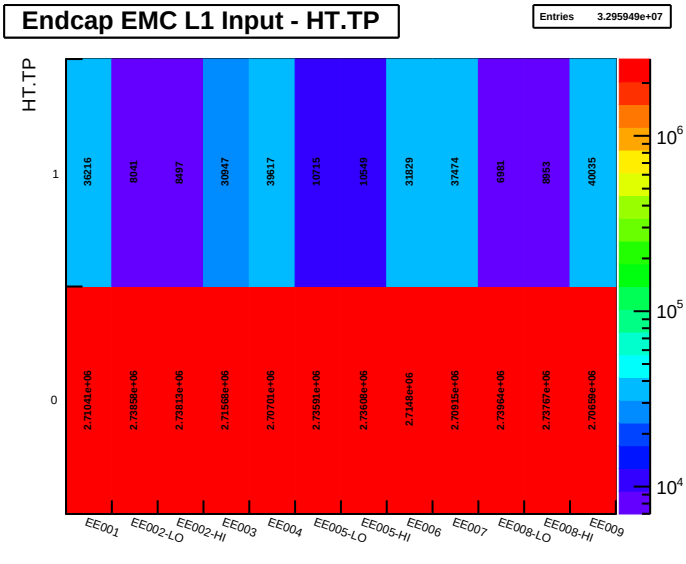

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

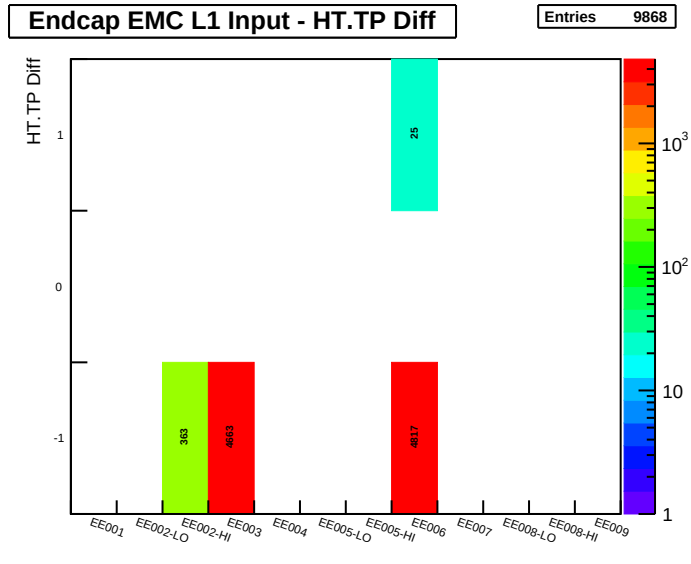

Endcap EMC L1 Input - HT-th0
Entries 3.295949e+07
HT-th0
EE101
EE102
10281 2433 2585 9535 10903 3486 3487 9108 10089 2044 3776 10955
2.73634e+06 2.74419e+06 2.74404e+06 2.73709e+06 2.73572e+06 2.74314e+06 2.74319e+06 2.73752e+06 2.73854e+06 2.74458e+06 2.74285e+06 2.73567e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

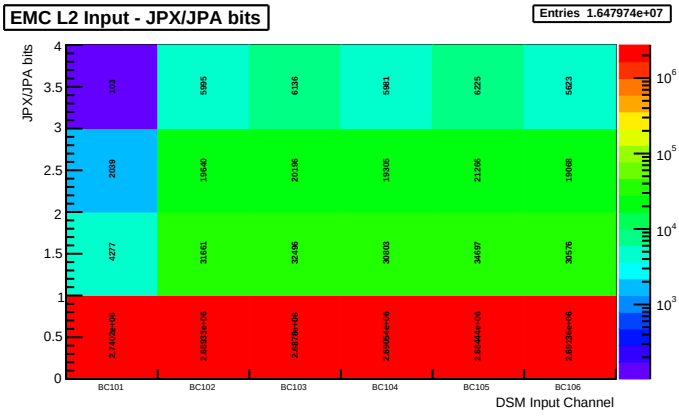

Endcap EMC L1 Input - HT-th0 Diff
Entries 105
HT-th0
EE101
EE102
2 37 30 36
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

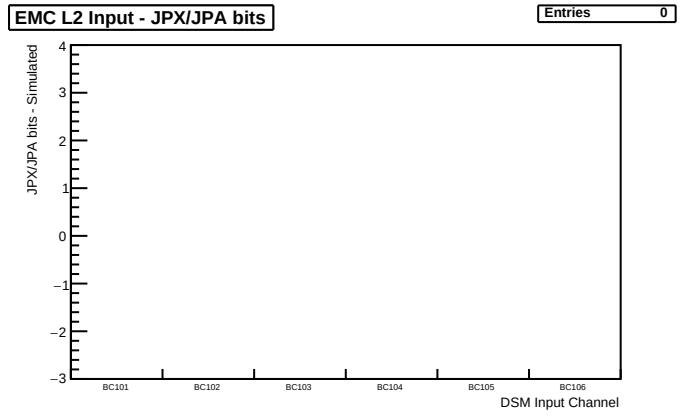

Endcap EMC L1 Input - HT-th1
Entries 3.295949e+07
HT-th1
EE101
EE102
4718 1117 1165 4539 5171 1641 1583 4608 4653 922 1334 5068
2.74191e+06 2.74651e+06 2.74546e+06 2.74208e+06 2.74145e+06 2.74498e+06 2.74504e+06 2.74202e+06 2.74197e+06 2.74457e+06 2.74479e+06 2.74156e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

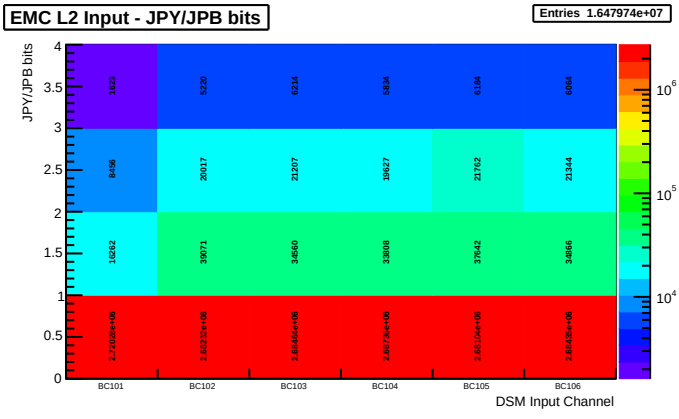

Endcap EMC L1 Input - HT-th1 Diff
Entries 58
HT-th1
EE101
EE102
18 30 10
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

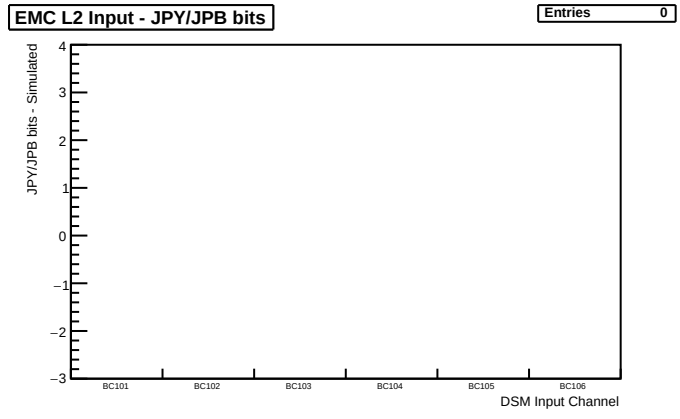

Endcap EMC L1 Input - HT.TP
Entries 3.295949e+07
HT.TP
36216 8041 8497 30947 39617 10715 10549 31829 37474 6981 8853 40035
2.71041e+06 2.73858e+06 2.73813e+06 2.71568e+06 2.70701e+06 2.73591e+06 2.73608e+06 2.7148e+06 2.70915e+06 2.73064e+06 2.73767e+06 2.70659e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

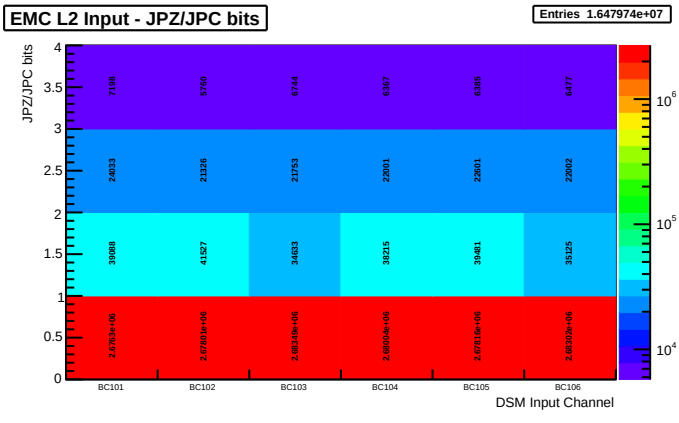

Endcap EMC L1 Input - HT.TP Diff
Entries 9868
HT.TP Diff
25
363 4563 4517
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

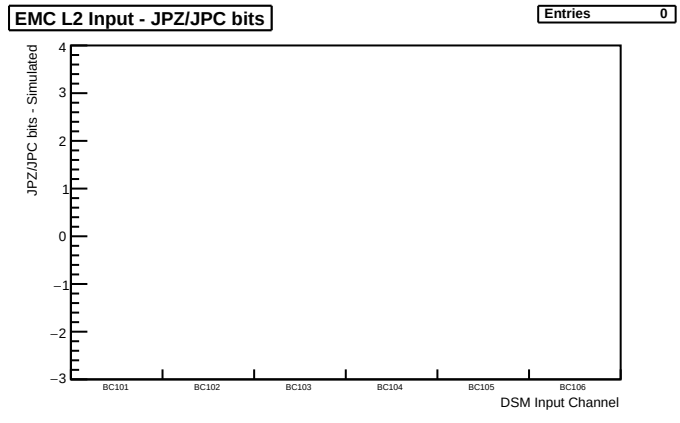

EMC L2 Input - JPX/JPA bits
Entries 1.647974e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
103
5995
6136
5981
6225
5623
2039
19640
20196
19305
21286
19968
4277
31661
32496
30803
34697
30576
2.74028e+06
2.68933e+06
2.68379e+06
2.69054e+06
2.68444e+06
2.69135e+06

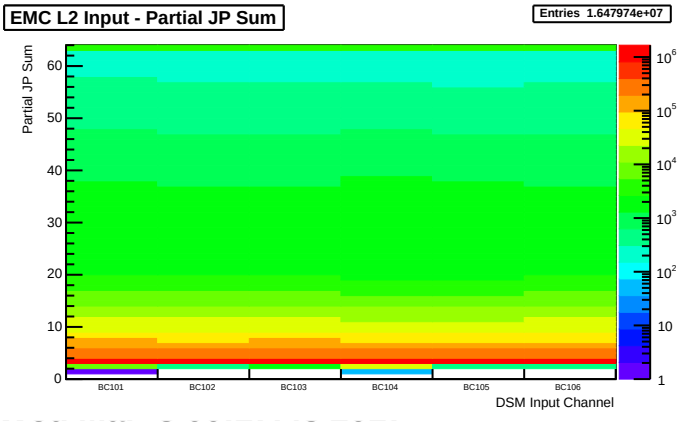

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

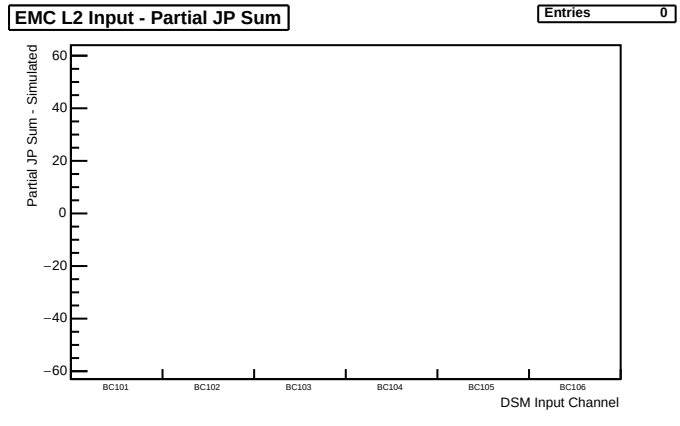

EMC L2 Input - JPY/JPB bits
Entries 1.647974e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
1623
5220
6218
5834
6184
6064
8495
20017
21207
19627
21762
21344
16262
39071
34560
33808
37642
34866
2.72128e+06
2.69229e+06
2.68464e+06
2.69739e+06
2.69104e+06
2.69435e+06

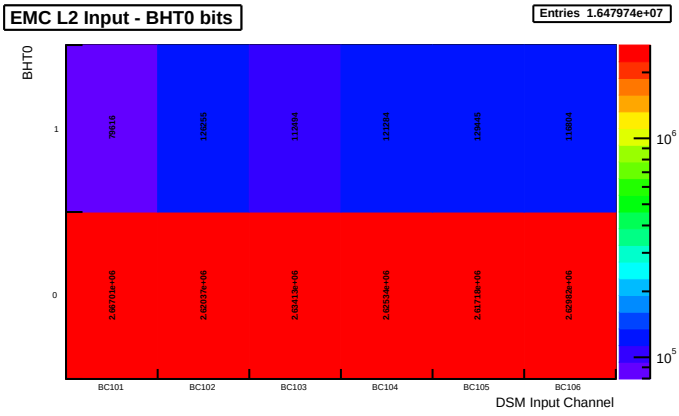

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

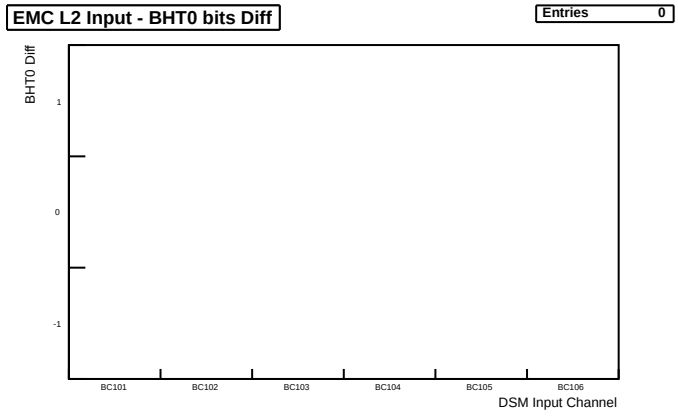

EMC L2 Input - JPZ/JPC bits
Entries 1.647974e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
7138
5760
6744
6367
6385
6477
24033
21326
21753
22001
22501
22002
39088
41527
34633
38215
39481
35125
2.67634e+06
2.67801e+06
2.68349e+06
2.69104e+06
2.67816e+06
2.68392e+06

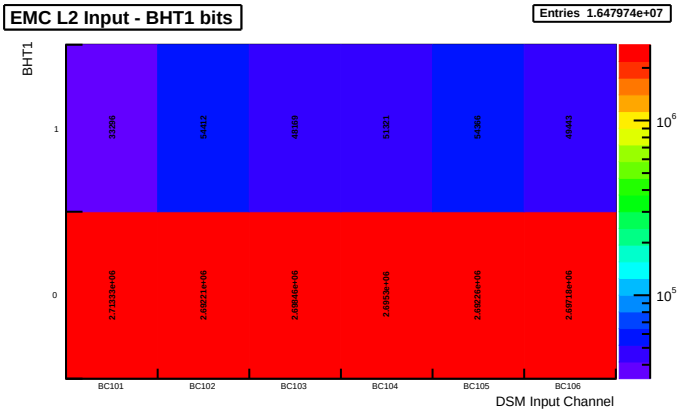

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

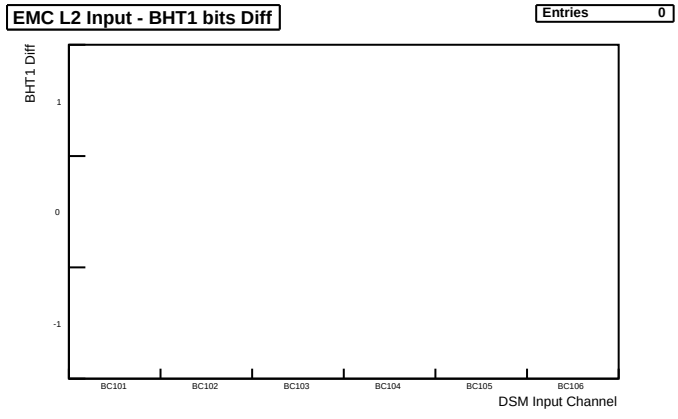

EMC L2 Input - Partial JP Sum
Entries 1.647974e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

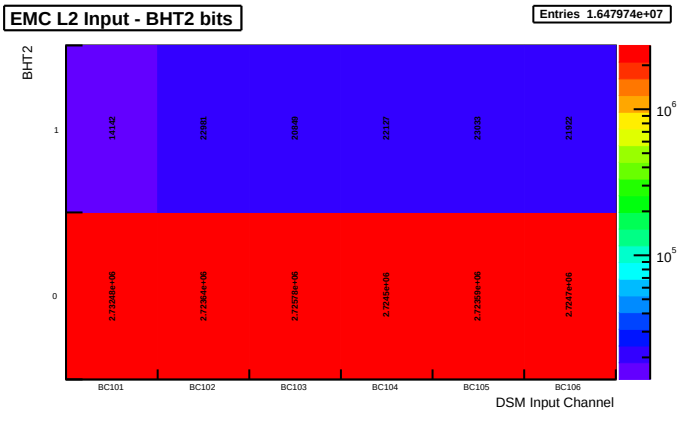

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

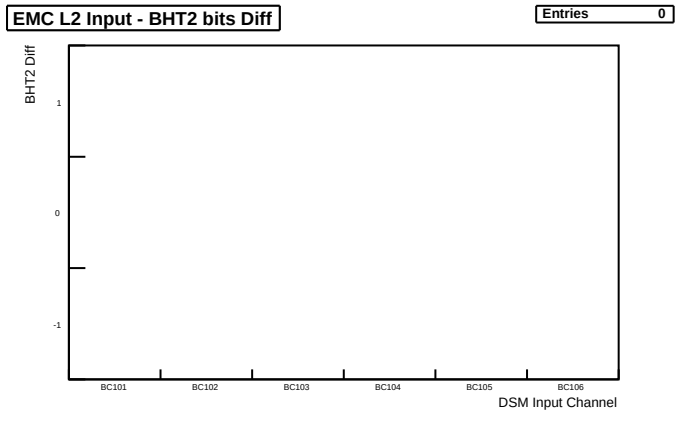

EMC L2 Input - BHT0 bits
Entries 1.647974e+07
BHT0
1
0
79616
126255
112494
121284
129445
116804
2.66701e+06
2.62037e+06
2.63413e+06
2.62534e+06
2.61718e+06
2.62982e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

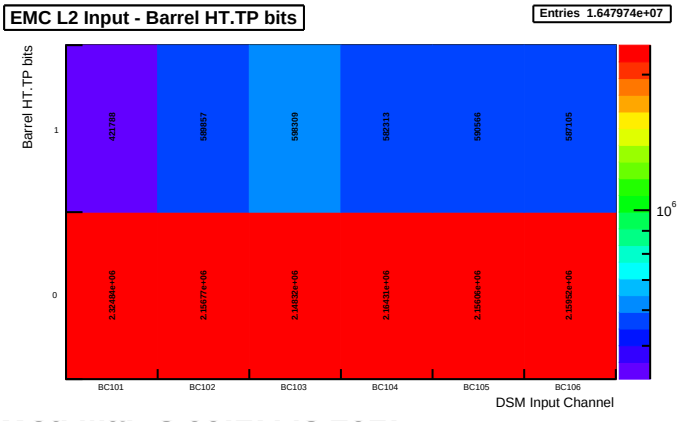

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

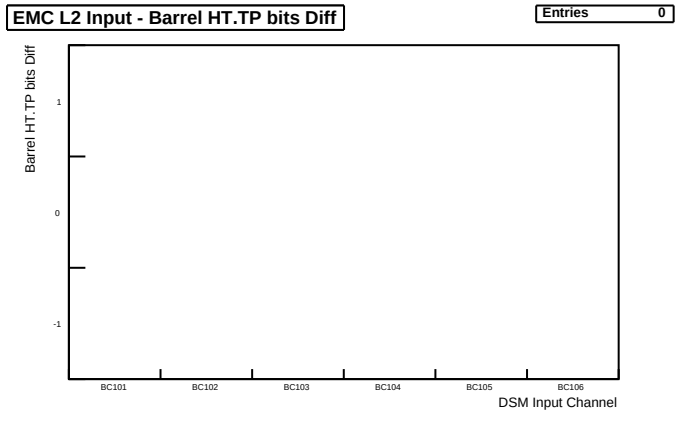

EMC L2 Input - BHT1 bits
Entries 1.647974e+07
BHT1
1
0
33296
54412
48169
51321
54366
49443
2.71333e+06
2.69221e+06
2.69846e+06
2.6953e+06
2.69226e+06
2.69718e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

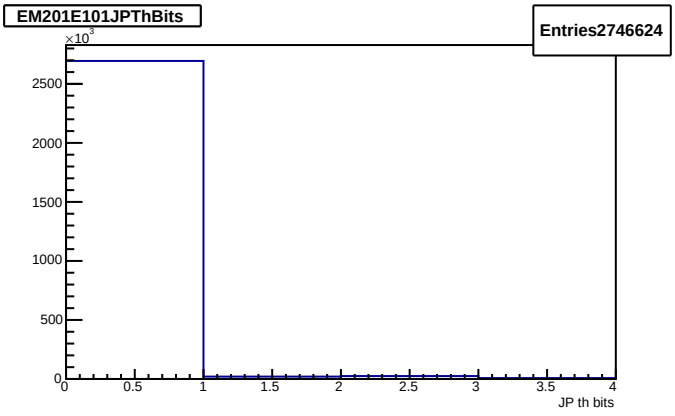

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

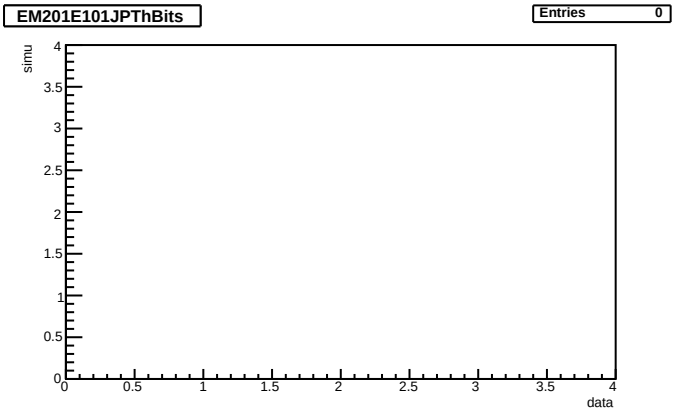

EMC L2 Input - BHT2 bits
Entries 1.647974e+07
BHT2
1
0
14142
22981
20849
22127
23033
21922
2.73248e+06
2.72364e+06
2.72578e+06
2.7245e+06
2.72359e+06
2.7247e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

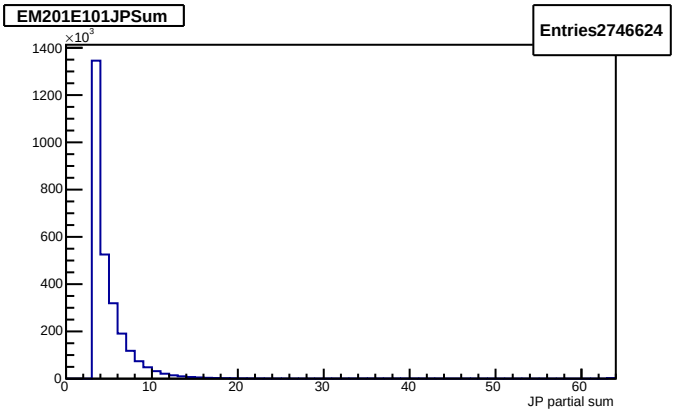

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

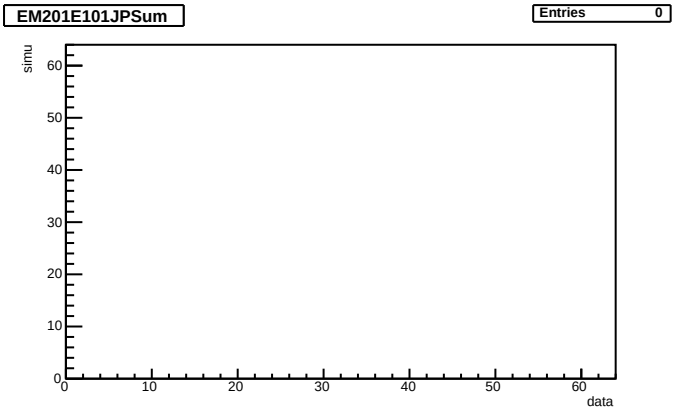

EMC L2 Input - Barrel HT.TP bits
Entries 1.647974e+07
Barrel HT.TP bits
1
0
421788
589857
598309
582313
590566
587105
2.32484e+06
2.15677e+06
2.14832e+06
2.16431e+06
2.15606e+06
2.15952e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

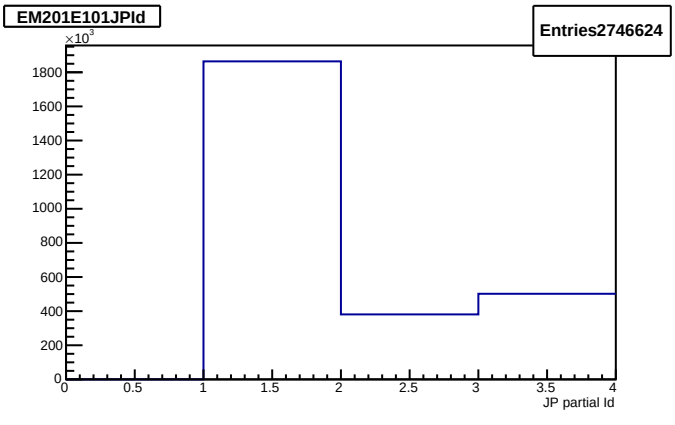

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

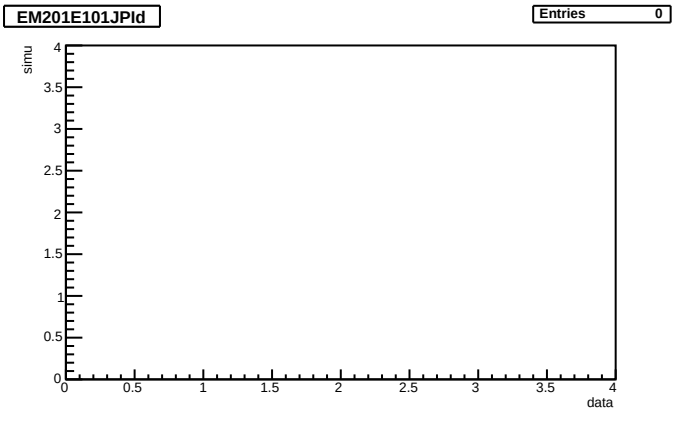

EM201E101JPThBits
Entries2746624
×10^3
JP th bits

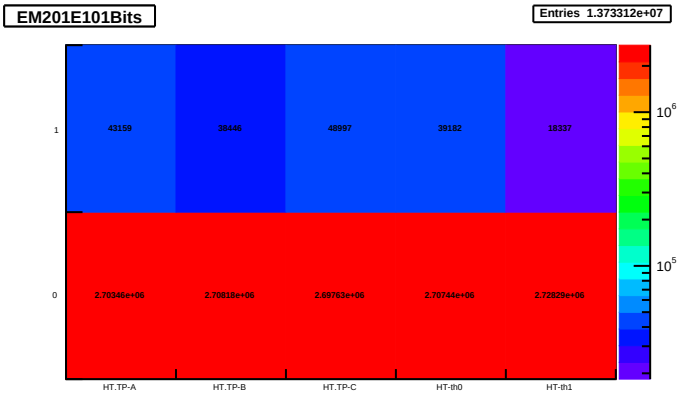

EM201E101JPThBits
Entries 0
simu
data

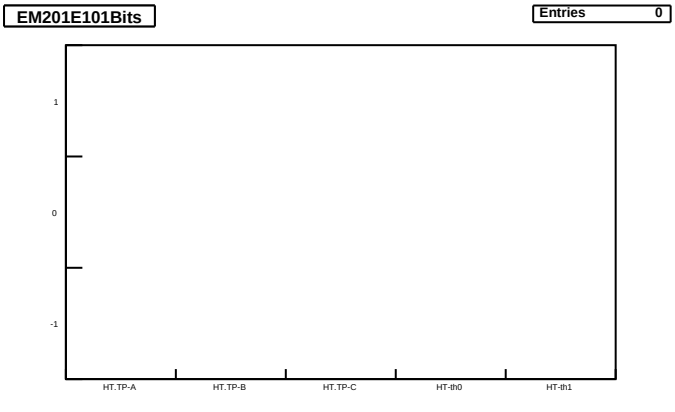

EM201E101JPSum
Entries2746624
×10^3
JP partial sum

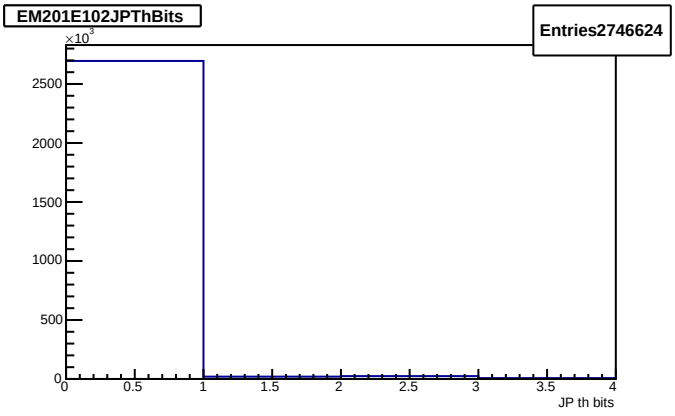

EM201E101JPSum
Entries 0
simu
data

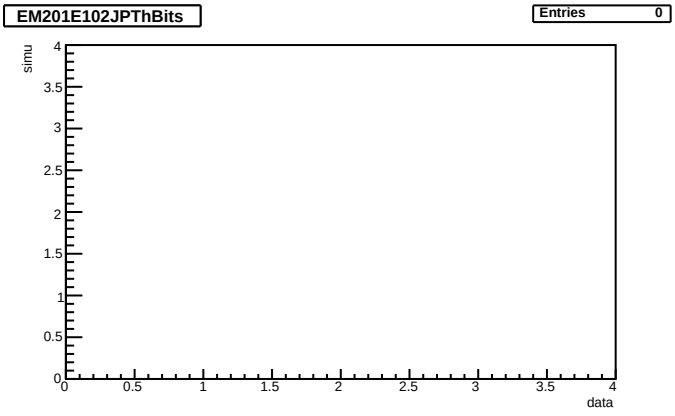

EM201E101JPId
Entries2746624
×10^3
JP partial Id

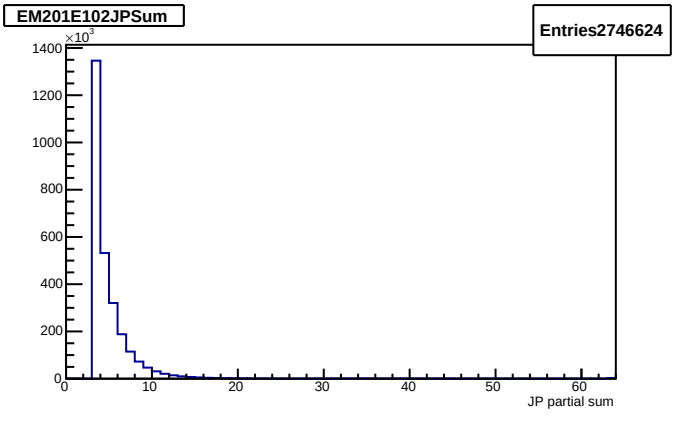

EM201E101JPId
Entries 0
simu
data

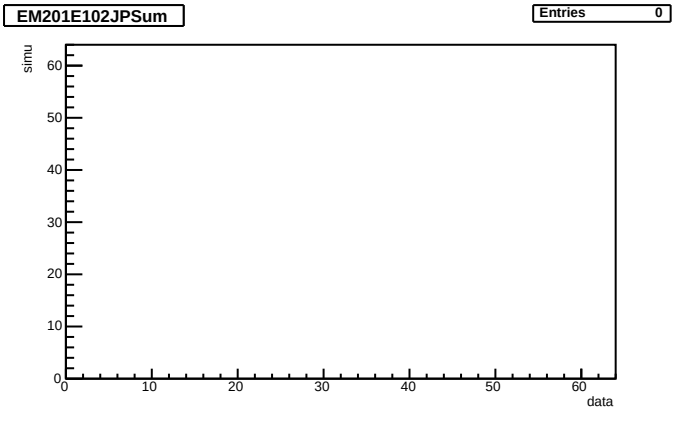

EM201E101Bits
Entries 1.373312e+07
43159
38446
48997
39182
18337
2.70346e+06
2.70818e+06
2.69763e+06
2.70744e+06
2.72829e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

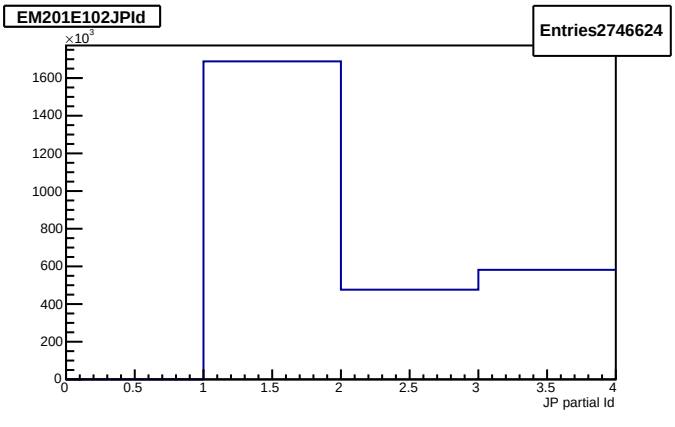

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

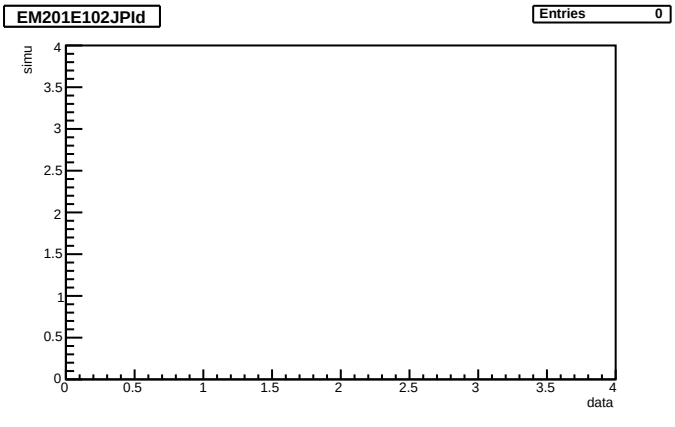

EM201E102JPThBits
Entries2746624
×10^3
JP th bits

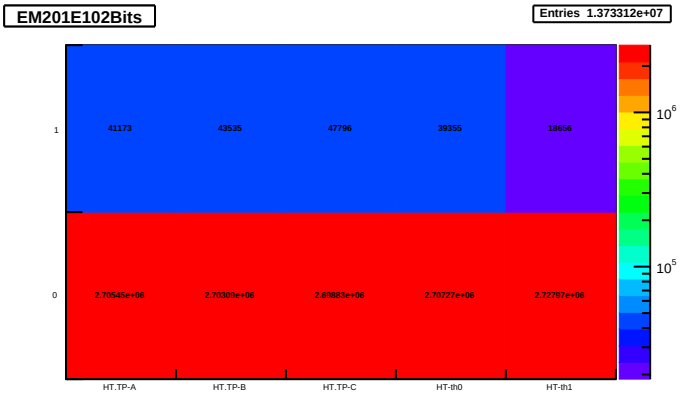

EM201E102JPThBits
Entries 0
simu
data

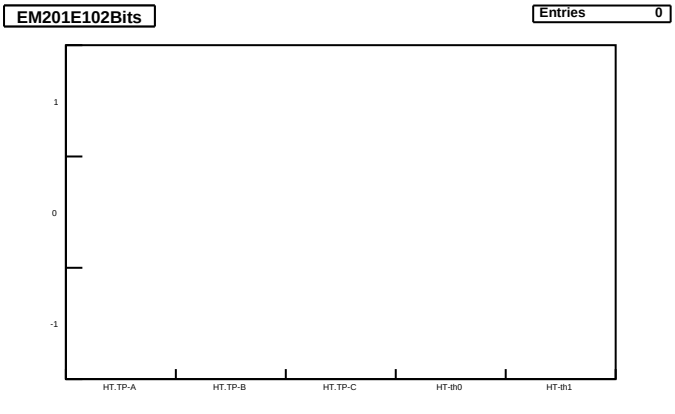

EM201E102JPSum
Entries2746624
×10^3
JP partial sum

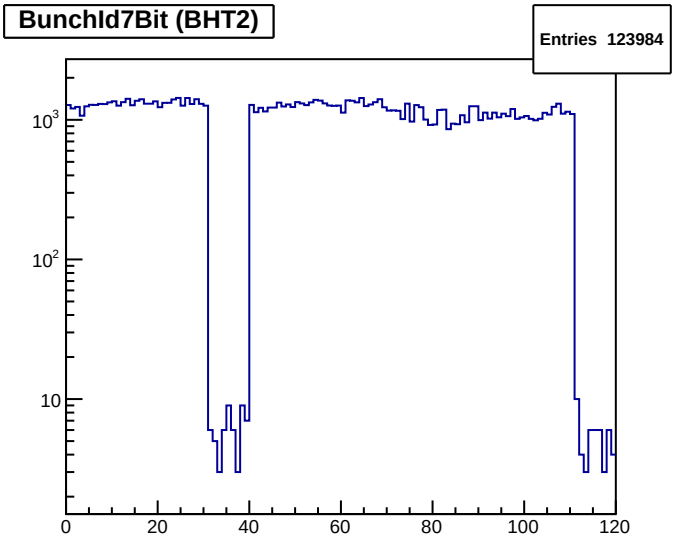

EM201E102JPSum
Entries 0
simu
data

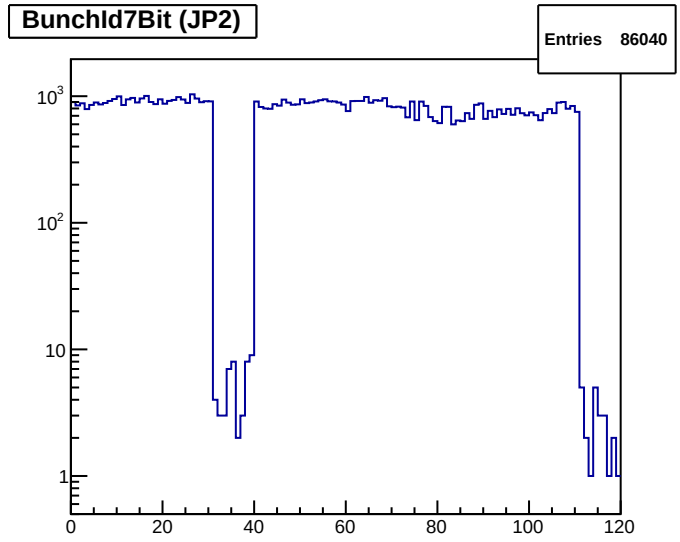

EM201E102JPId
Entries2746624
×10^3
JP partial Id

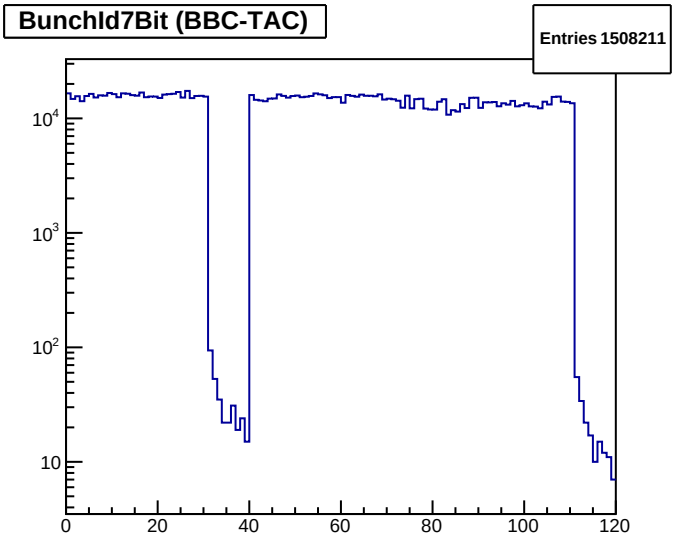

EM201E102JPId
Entries 0
simu
data

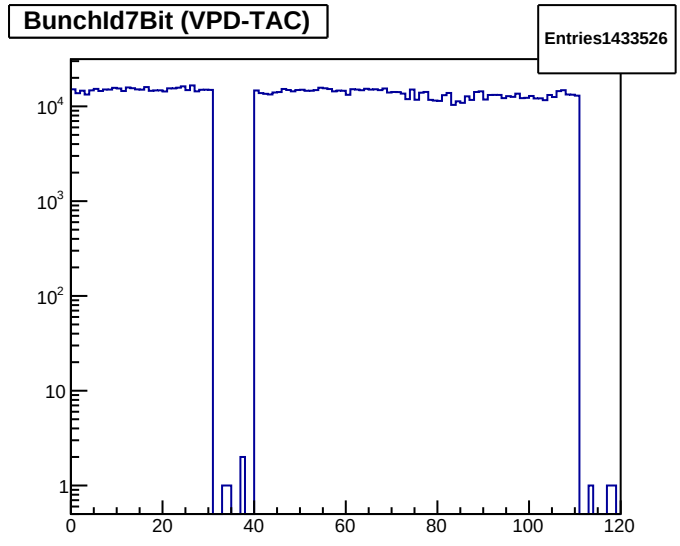

EM201E102Bits
Entries 1.373312e+07
41173
43535
47796
39355
18656
2.70545e+06
2.70309e+06
2.69883e+06
2.70727e+06
2.72797e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

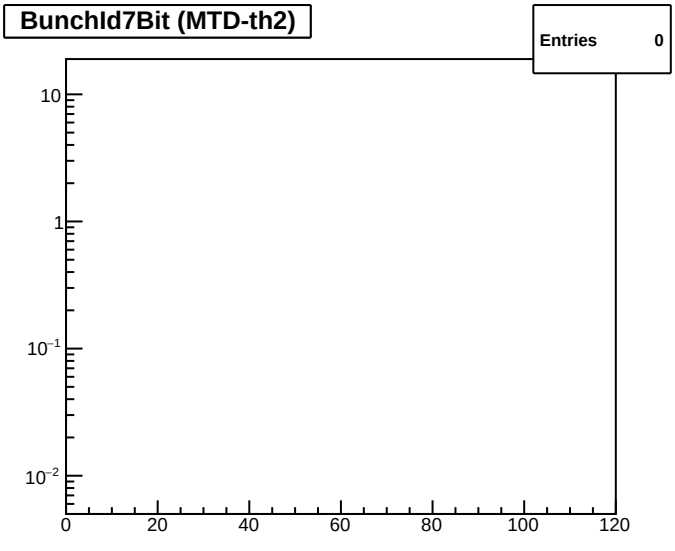

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

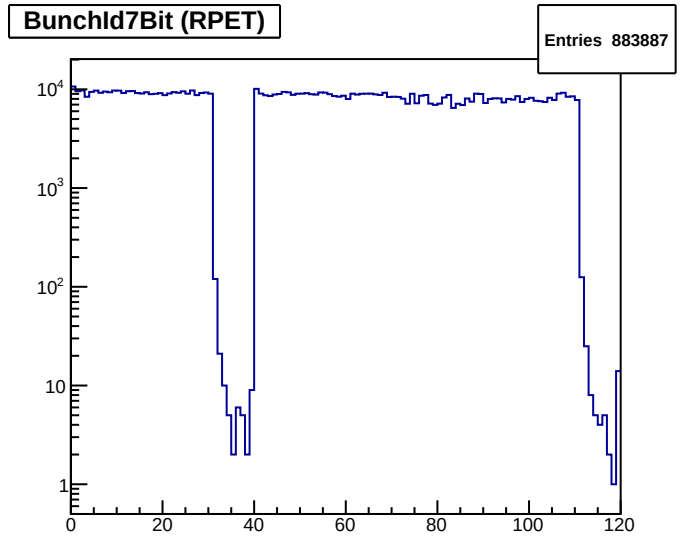

BunchId7Bit (BHT2)
Entries 123984

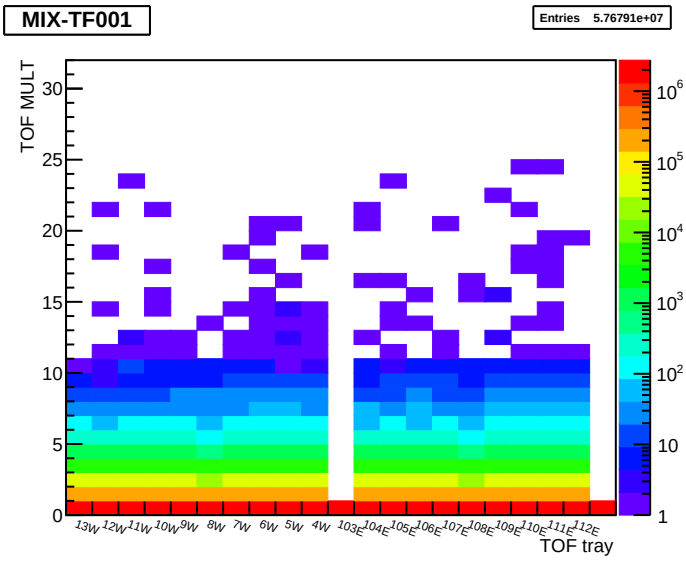

BunchId7Bit (JP2)
Entries 86040

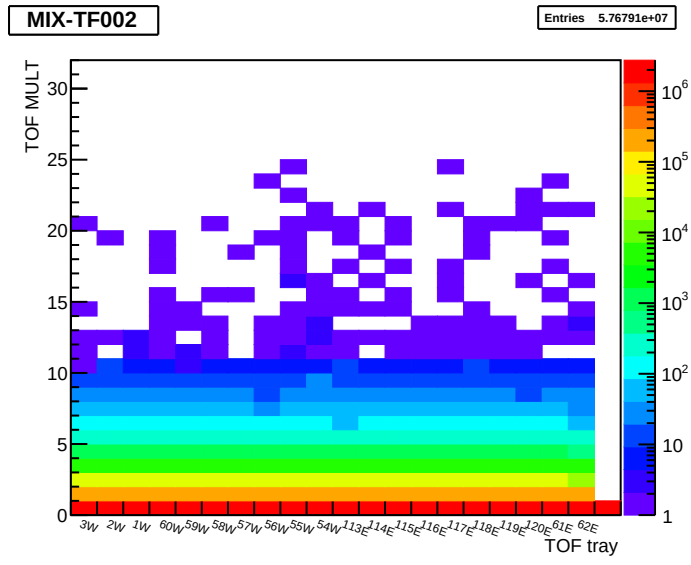

BunchId7Bit (BBC-TAC)
Entries 1508211

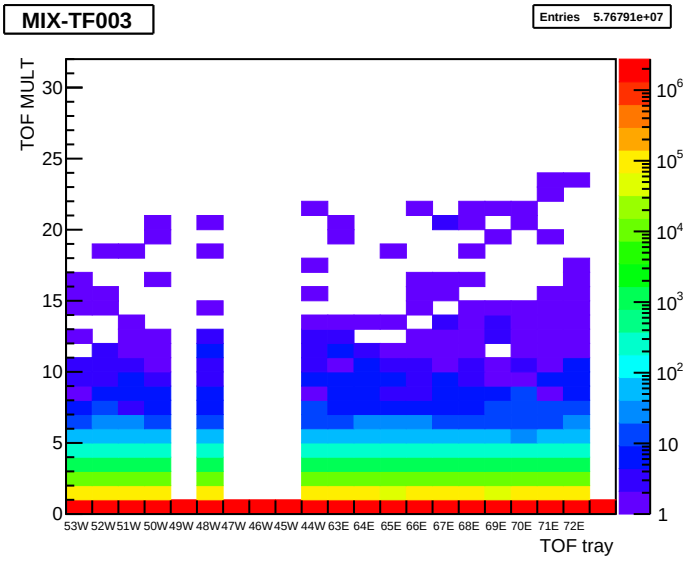

BunchId7Bit (VPD-TAC)
Entries1433526

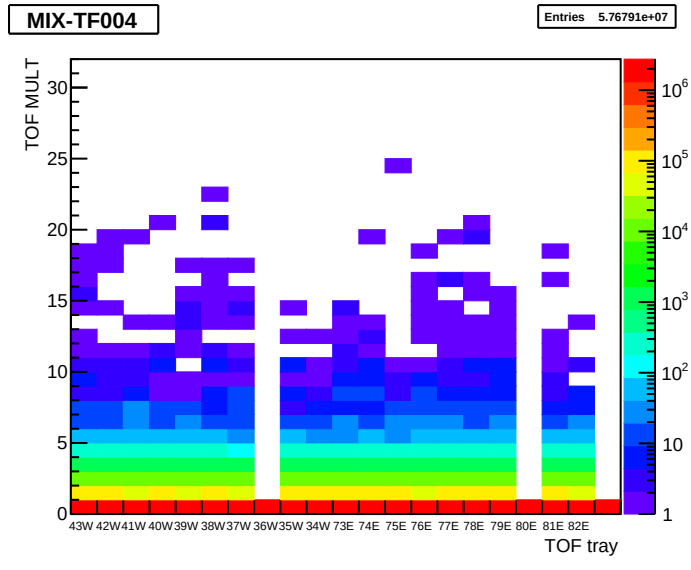

BunchId7Bit (MTD-th2)
Entries 0

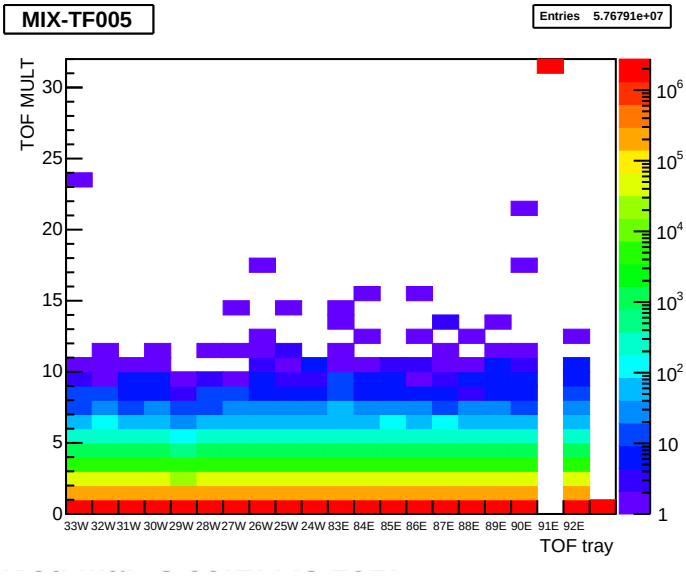

BunchId7Bit (RPET)
Entries 883887

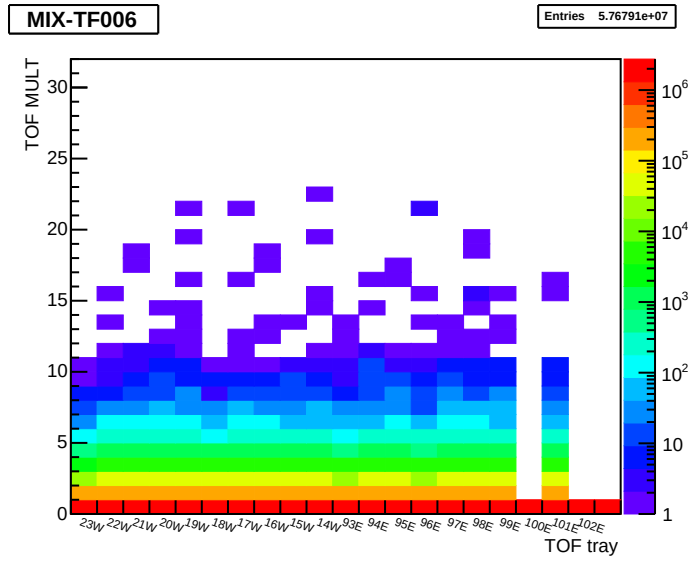

MIX-TF001
Entries 5.76791e+07
TOF MULT
TOF tray

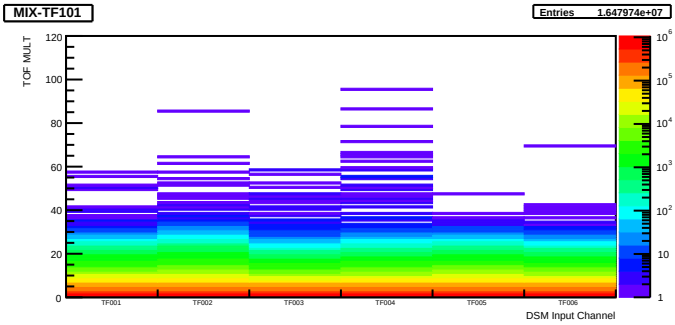

MIX-TF002
Entries 5.76791e+07
TOF MULT
TOF tray

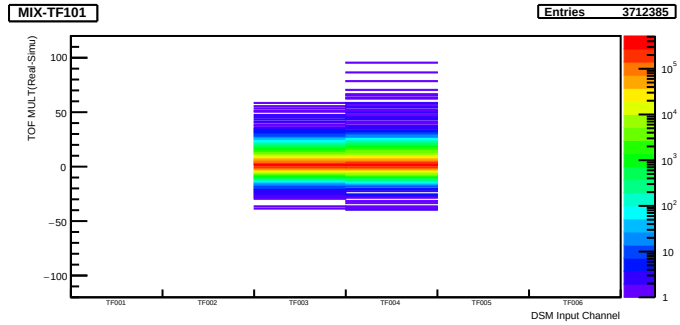

MIX-TF003
Entries 5.76791e+07
TOF MULT
TOF tray

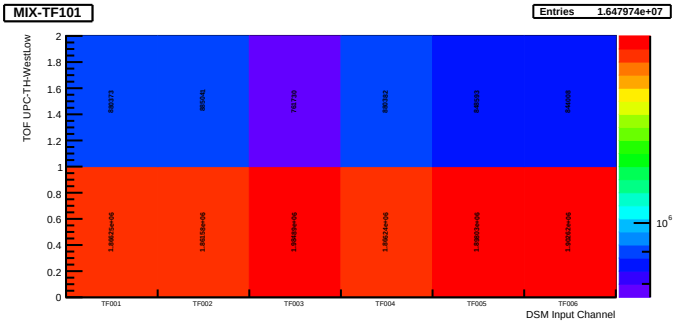

MIX-TF004
Entries 5.76791e+07
TOF MULT
TOF tray

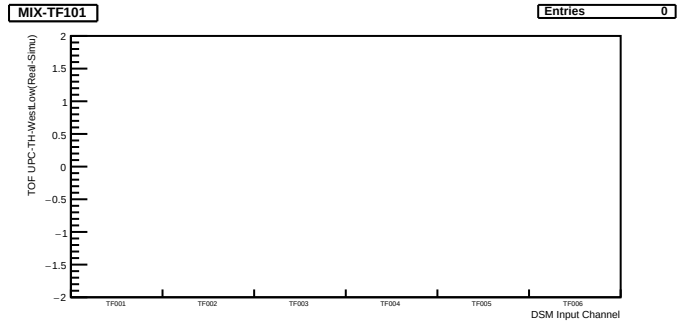

MIX-TF005
Entries 5.76791e+07
TOF MULT
TOF tray

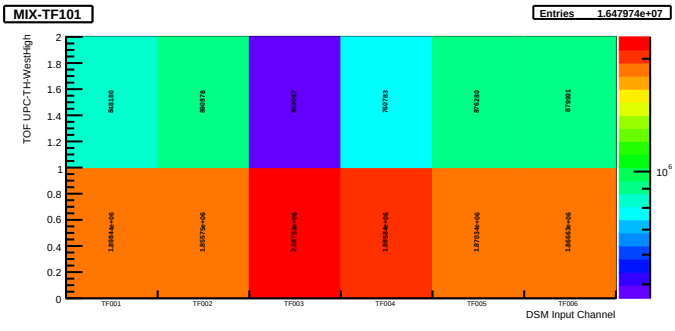

MIX-TF006
Entries 5.76791e+07
TOF MULT
TOF tray

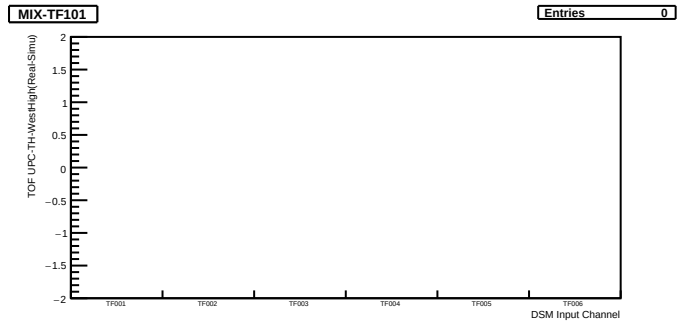

MIX-TF101
Entries 1.647974e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

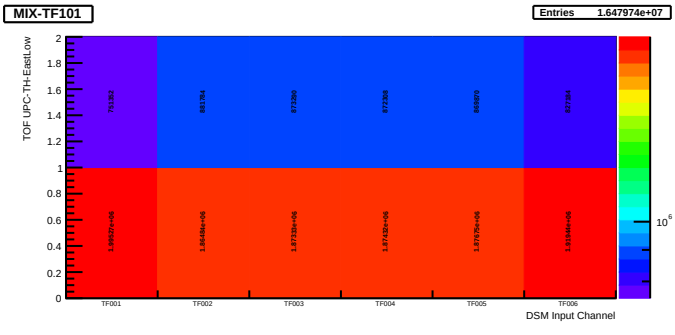

MIX-TF101
Entries 3712385
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

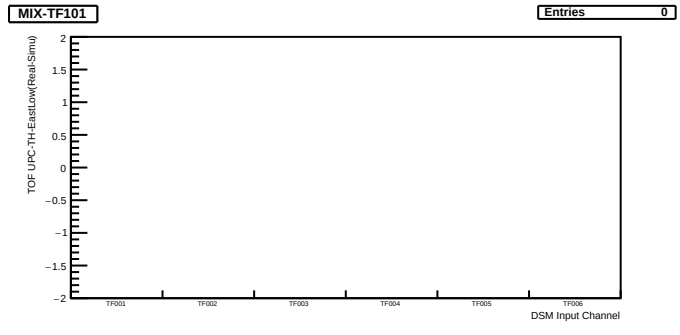

MIX-TF101
Entries 1.647974e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

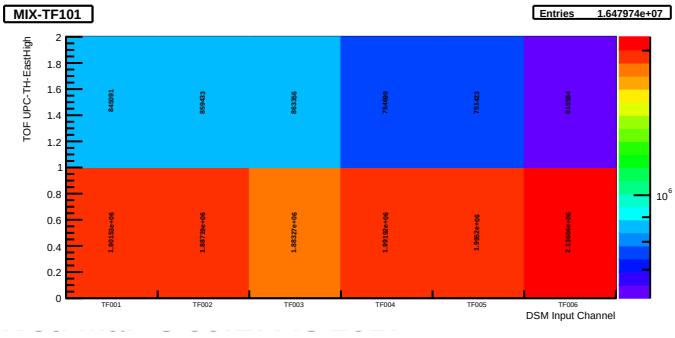

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

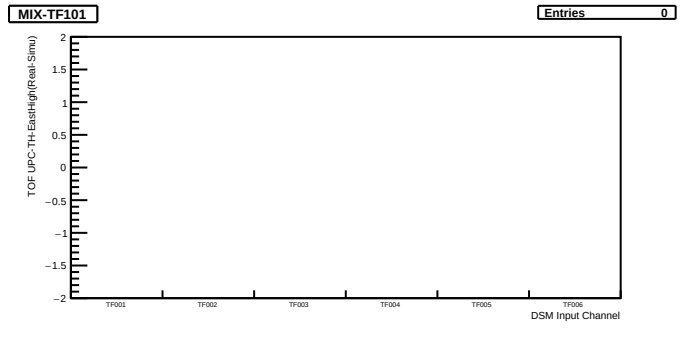

MIX-TF101
Entries 1.647974e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

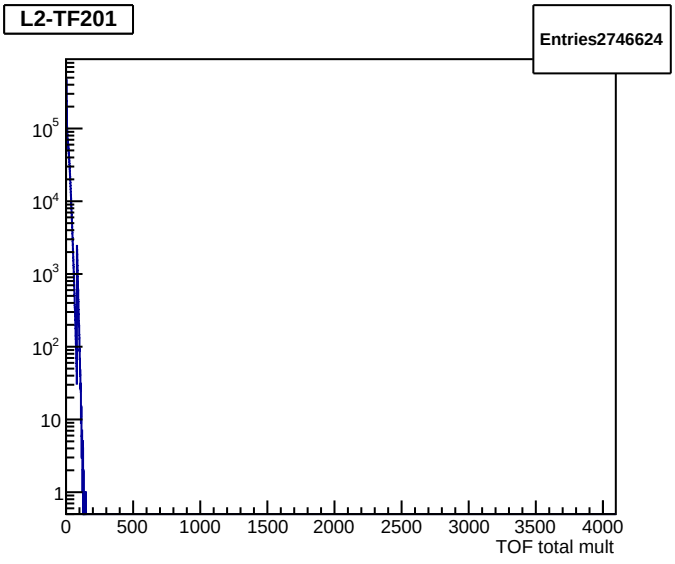

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

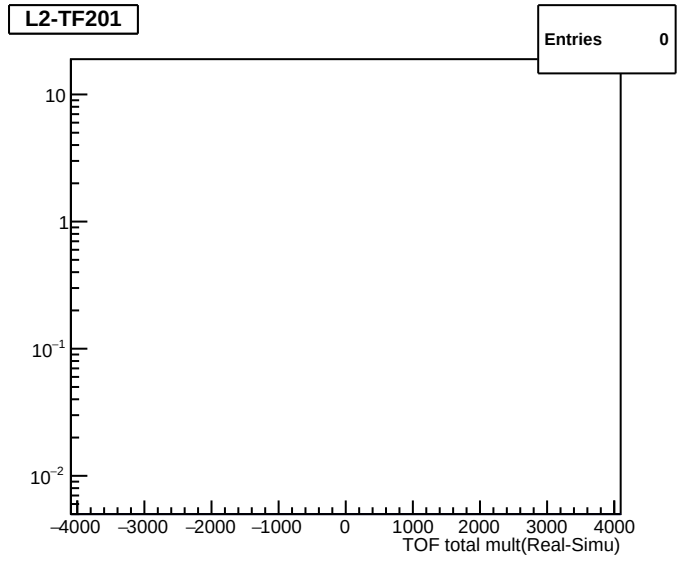

MIX-TF101
Entries 1.647974e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

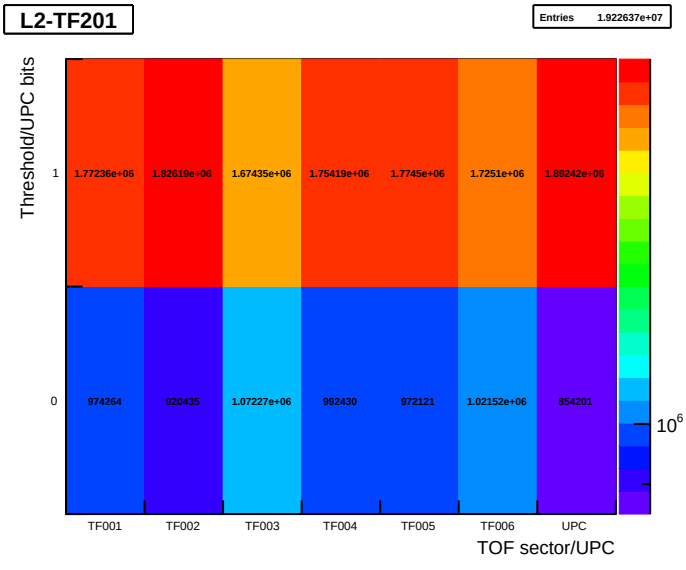

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

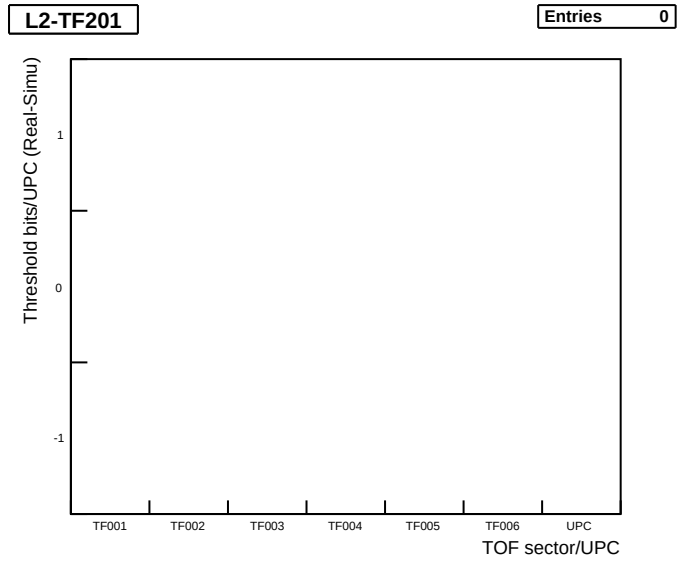

MIX-TF101
Entries 1.647974e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

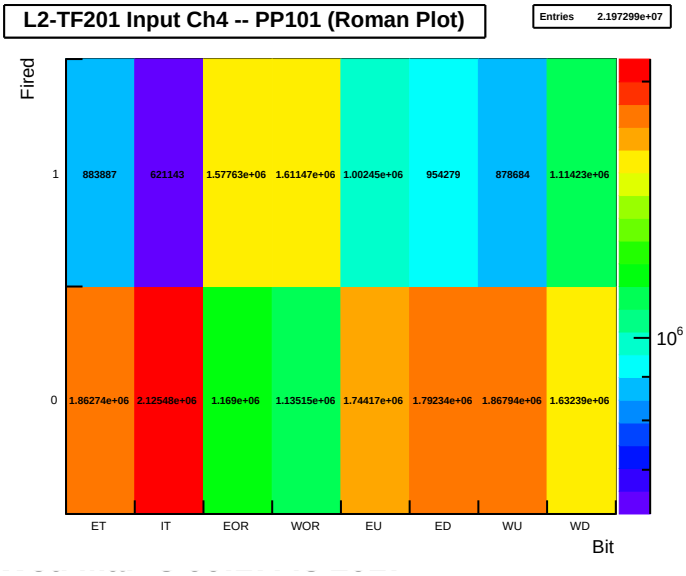

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

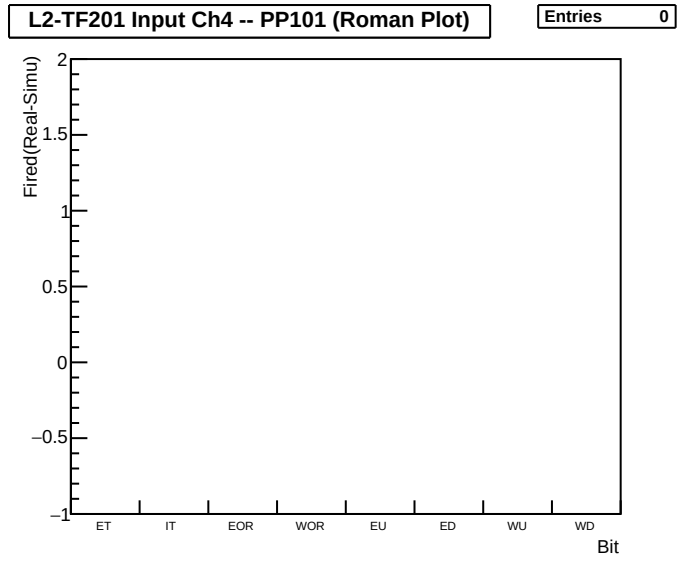

L2-TF201
Entries2746624
TOF total mult

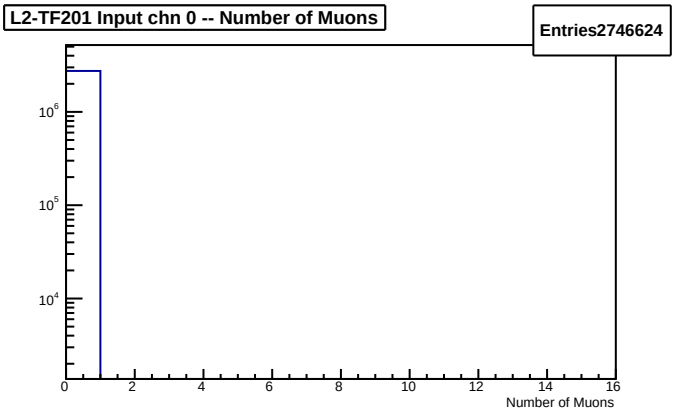

L2-TF201
Entries 0
TOF total mult(Real-Simu)

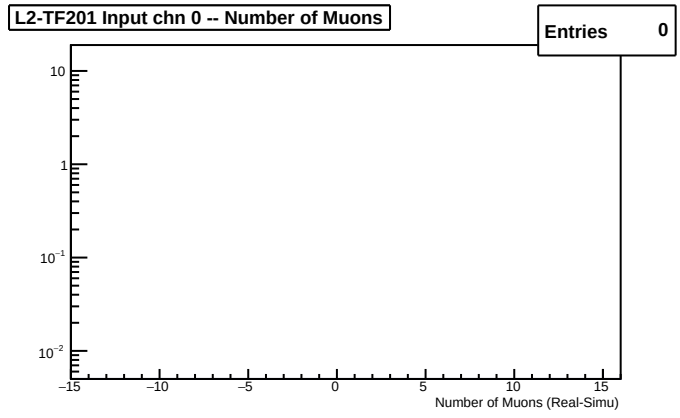

L2-TF201
Entries 1.922637e+07
Threshold/UPC bits
1.77236e+06
1.82619e+06
1.67435e+06
1.75419e+06
1.7745e+06
1.7251e+06
1.89242e+06
974264
920435
1.07227e+06
992430
972121
1.02152e+06
854201
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

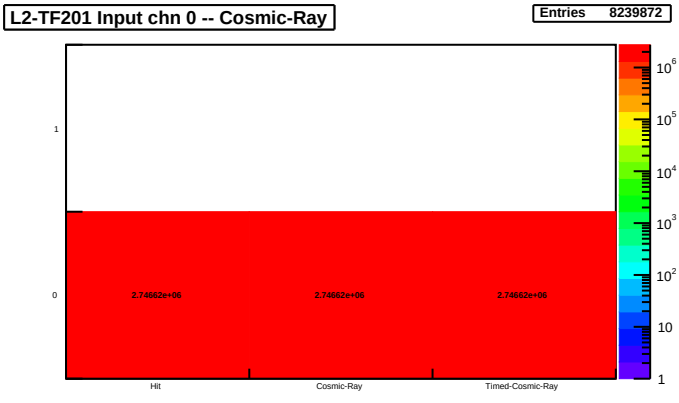

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

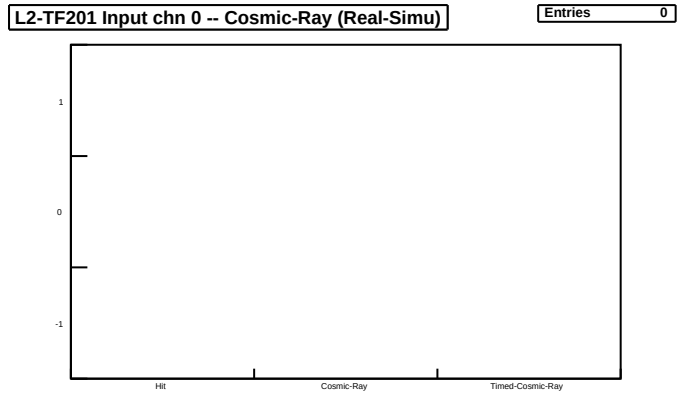

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.197299e+07
Fired
883887
621143
1.57763e+06
1.61147e+06
1.00245e+06
954279
878684
1.11423e+06
1.86274e+06
2.12548e+06
1.169e+06
1.13515e+06
1.74417e+06
1.79234e+06
1.86794e+06
1.63239e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

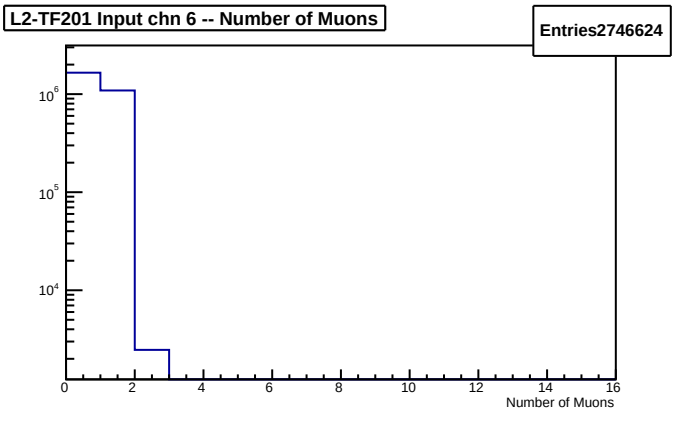

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

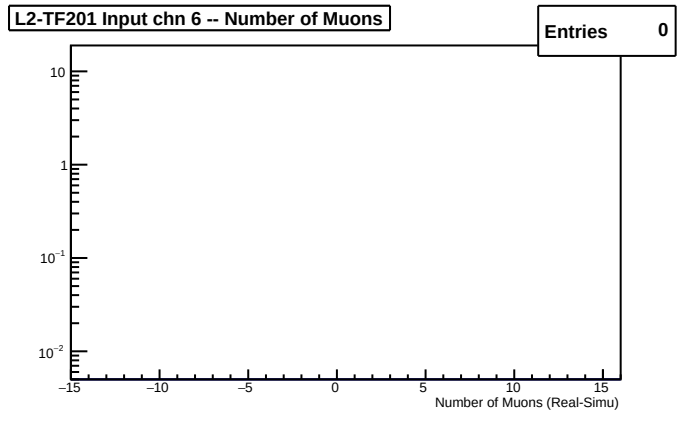

L2-TF201 Input chn 0 -- Number of Muons
Entries2746624
Number of Muons

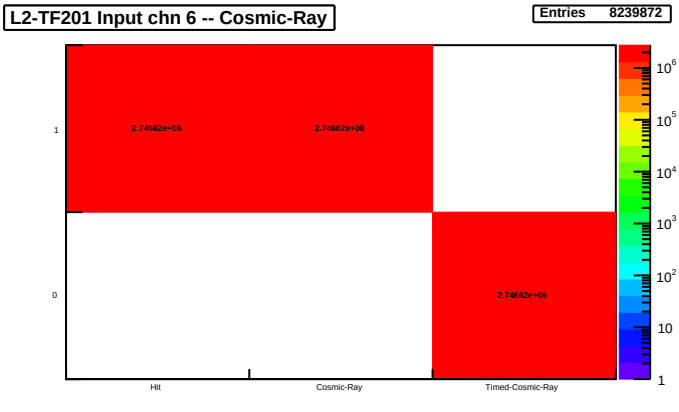

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

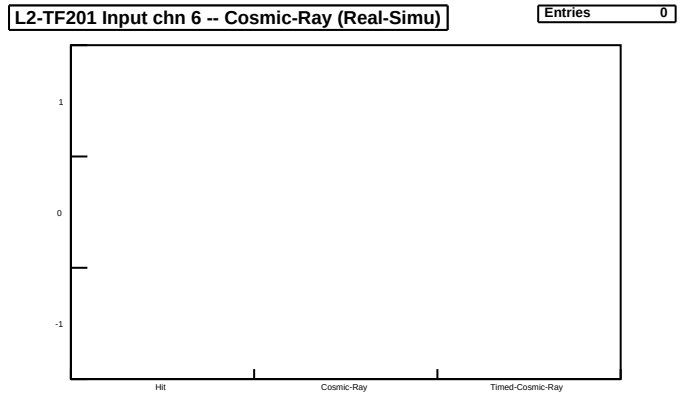

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 8239872
2.74662e+06
2.74662e+06
2.74662e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

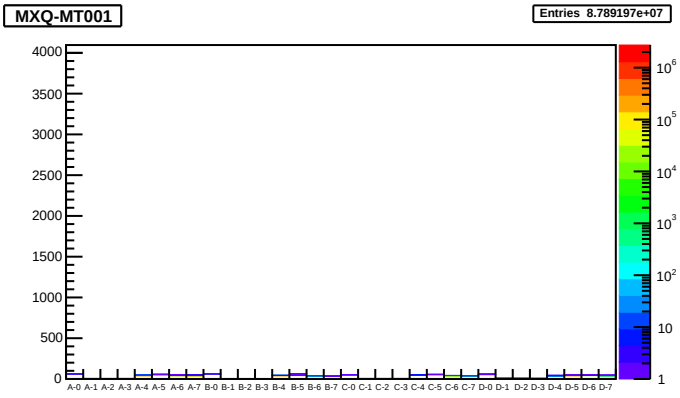

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

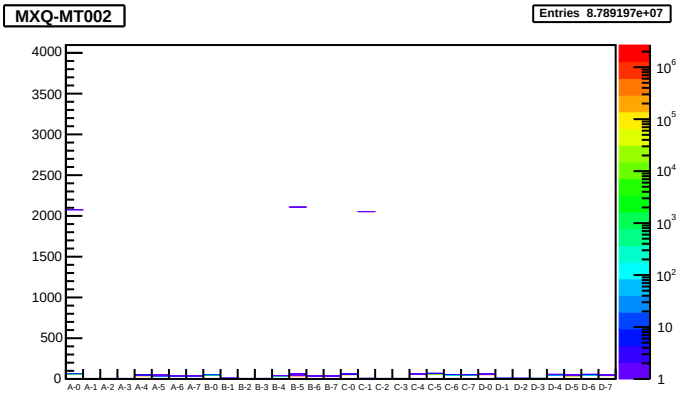

L2-TF201 Input chn 6 -- Number of Muons
Entries2746624
Number of Muons

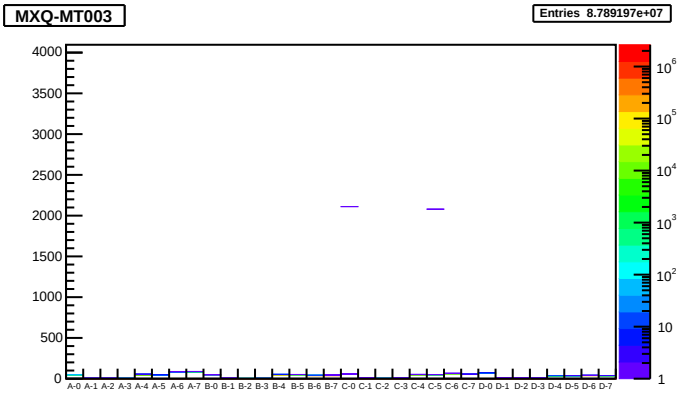

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

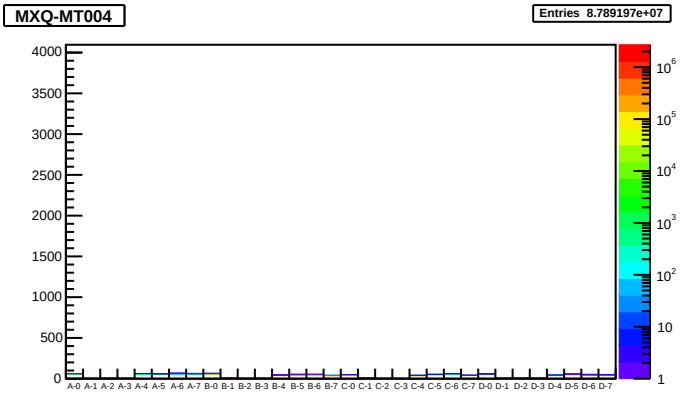

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 8239872
2.74662e+06
2.74662e+06
2.74662e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

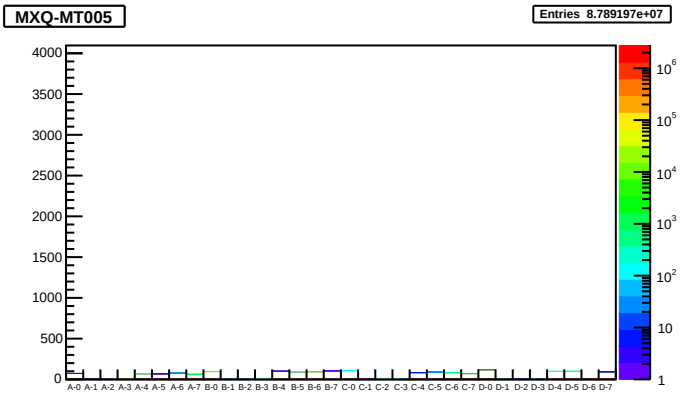

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

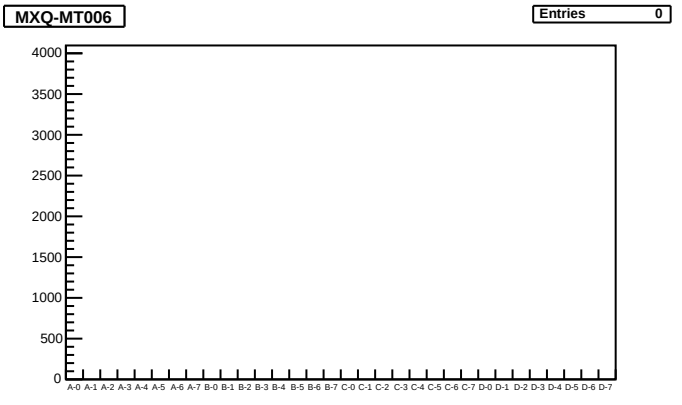

MXQ-MT001
Entries 8.789197e+07

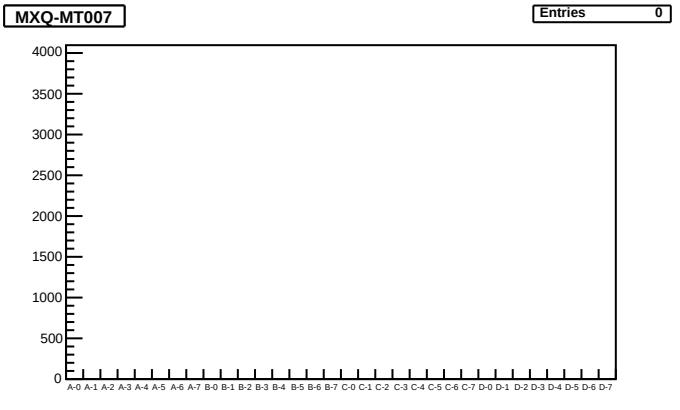

MXQ-MT002
Entries 8.789197e+07

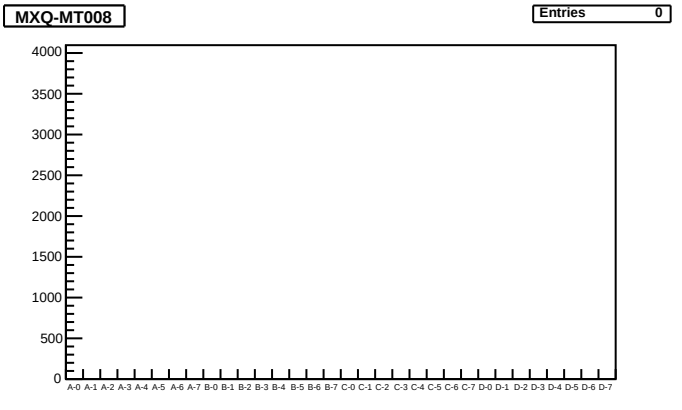

MXQ-MT003
Entries 8.789197e+07

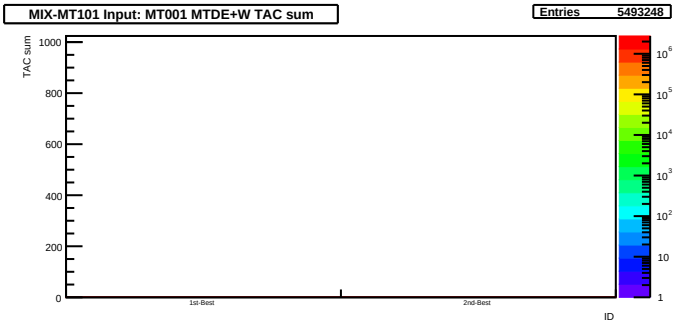

MXQ-MT004
Entries 8.789197e+07

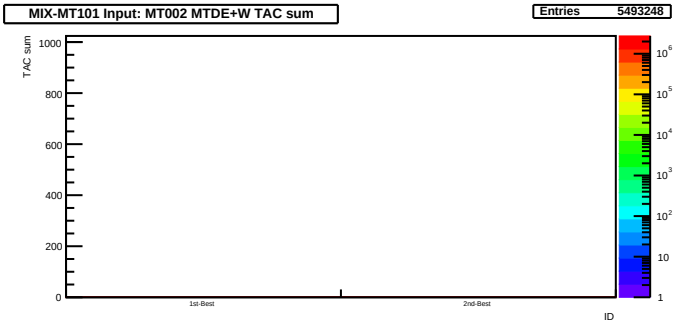

MXQ-MT005
Entries 8.789197e+07

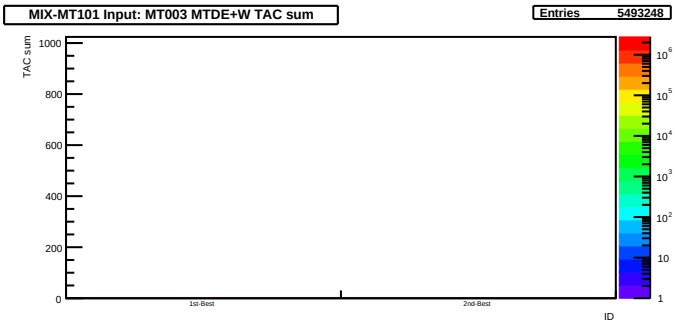

MXQ-MT006
Entries 0

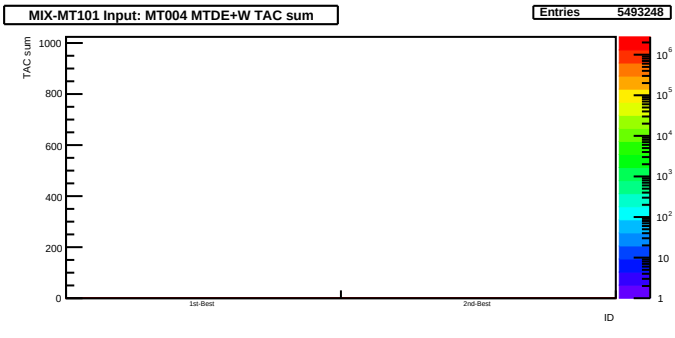

MXQ-MT007
Entries 0

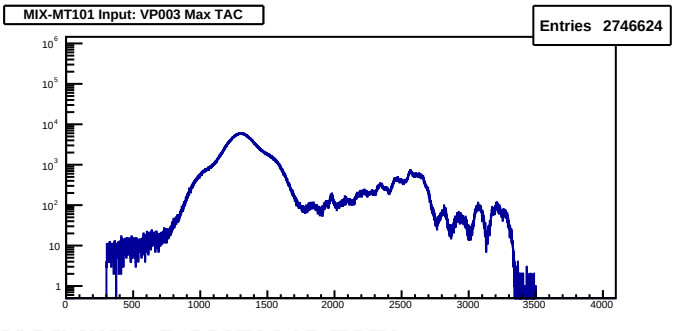

MXQ-MT008
Entries 0

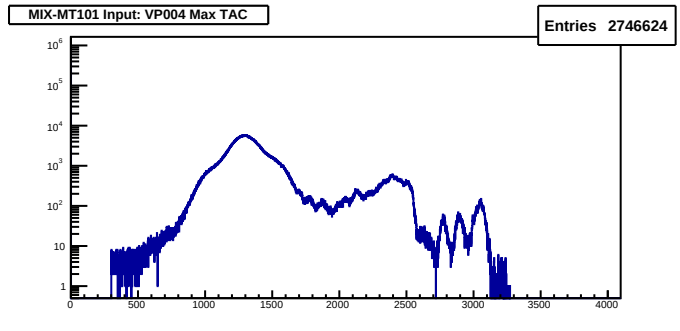

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5493248
TAC sum
1st-Best
2nd-Best
ID

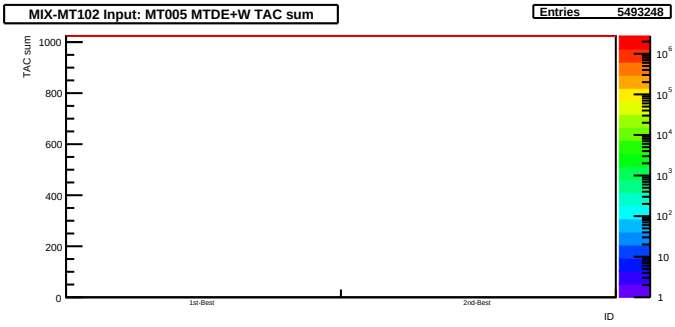

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5493248
TAC sum
1st-Best
2nd-Best
ID

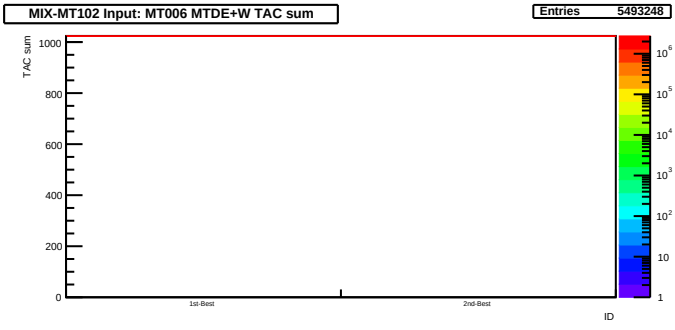

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5493248
TAC sum
1st-Best
2nd-Best
ID

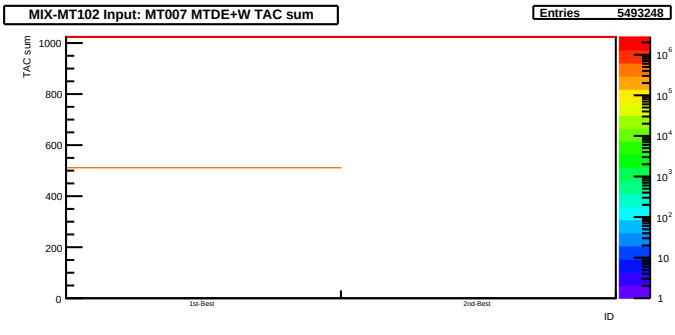

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5493248
TAC sum
1st-Best
2nd-Best
ID

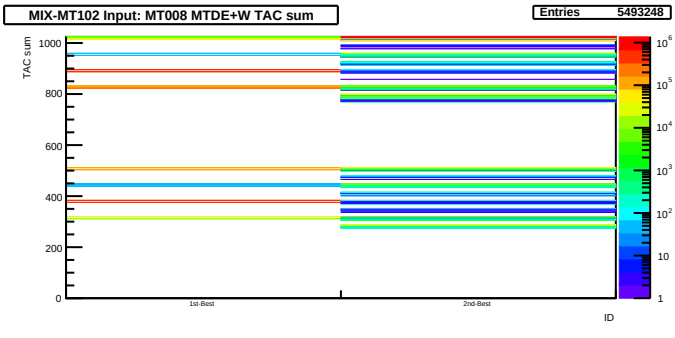

MIX-MT101 Input: VP003 Max TAC
Entries 2746624

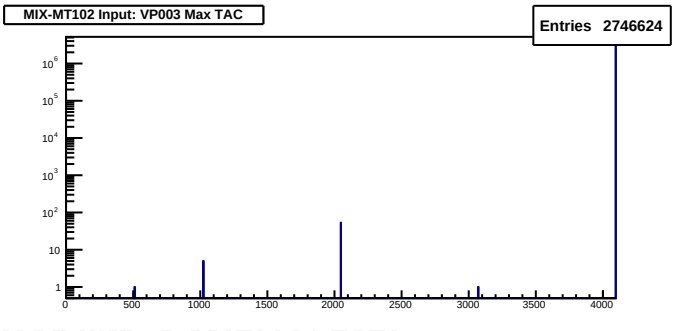

MIX-MT101 Input: VP004 Max TAC
Entries 2746624

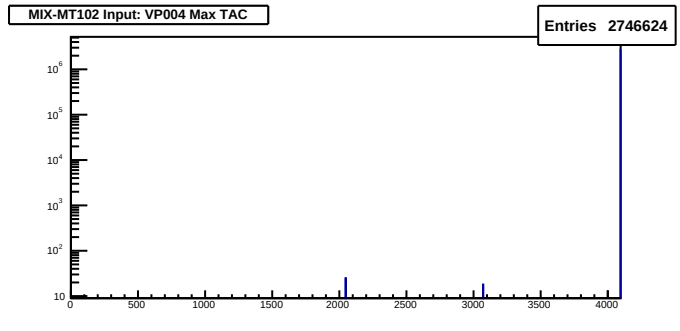

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 5493248
TAC sum
1st-Best
2nd-Best
ID

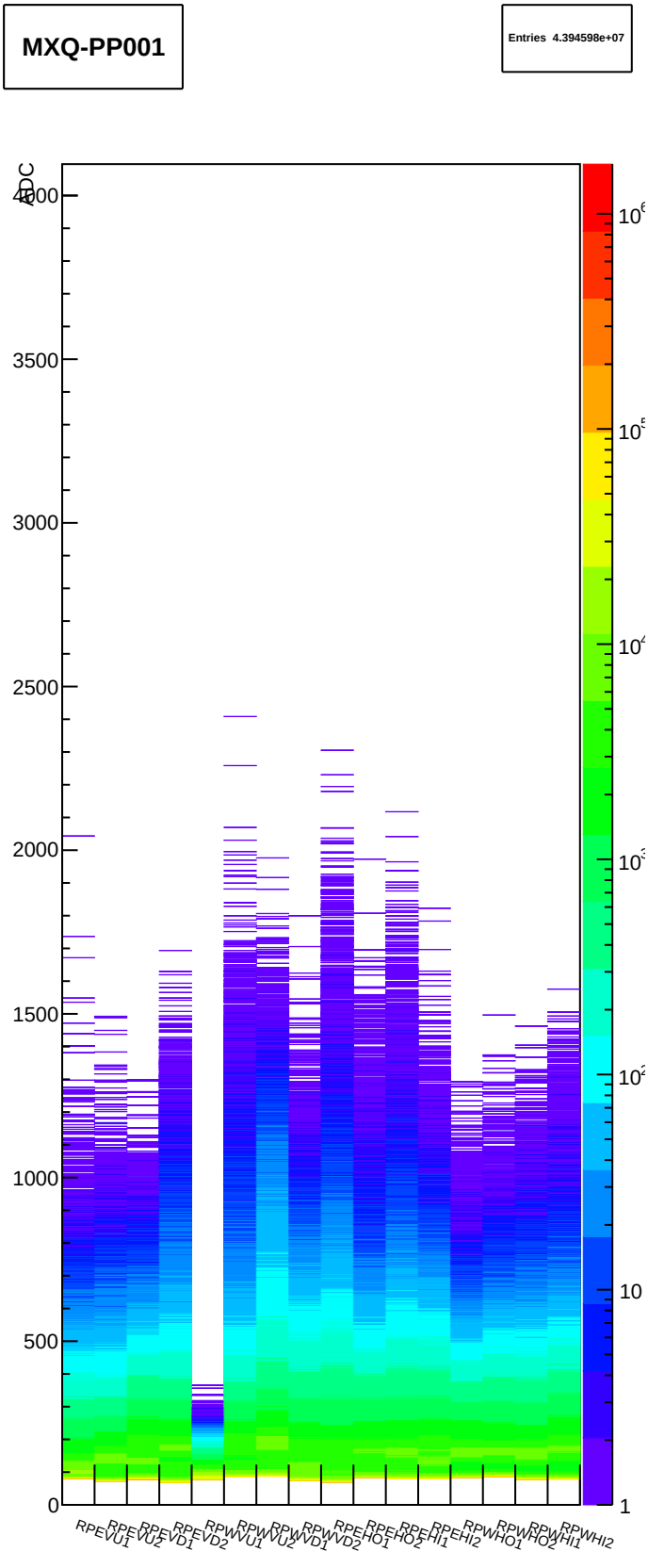

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 5493248
TAC sum
1st-Best
2nd-Best
ID

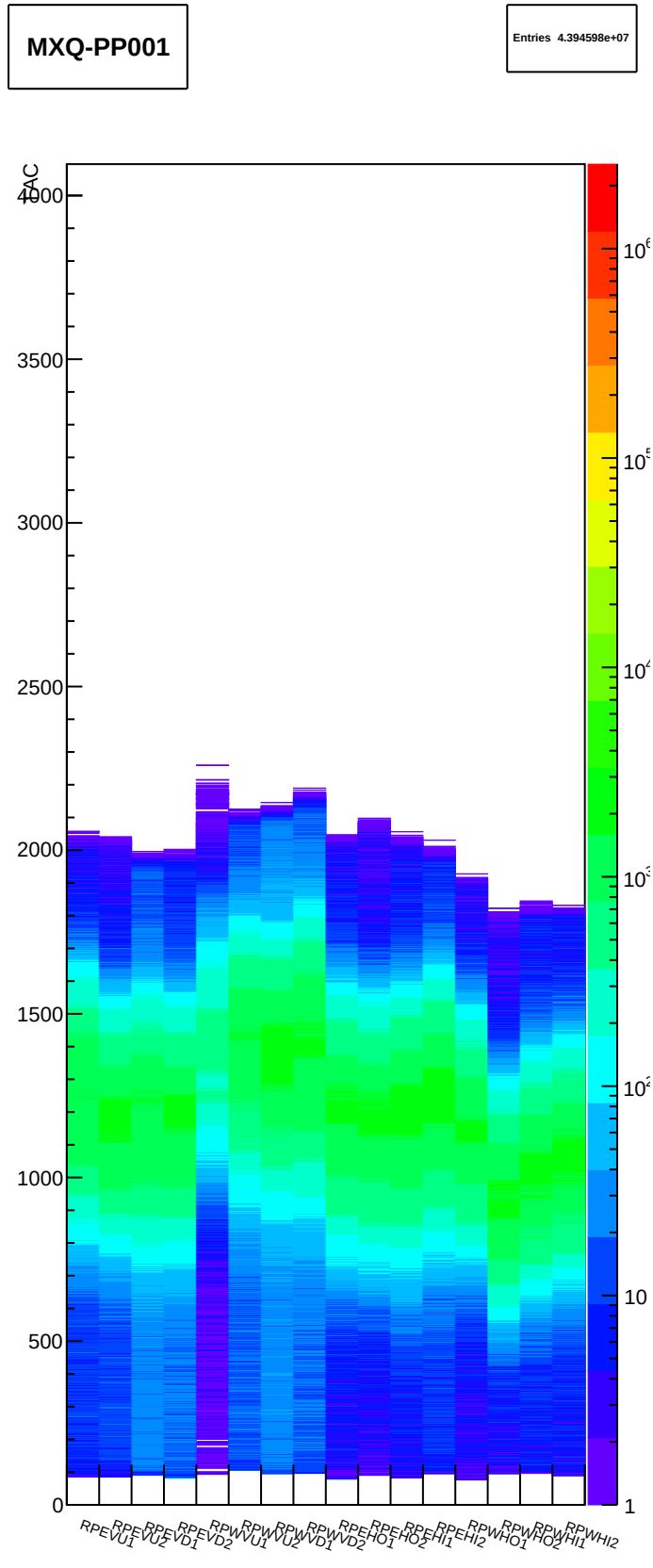

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 5493248
TAC sum
1st-Best
2nd-Best
ID

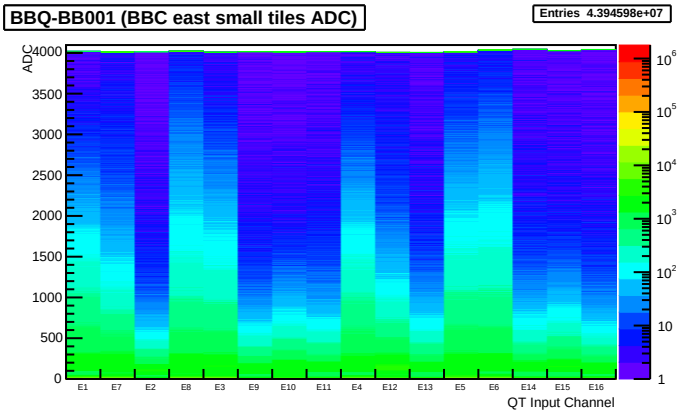

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 5493248
TAC sum
1st-Best
2nd-Best
ID

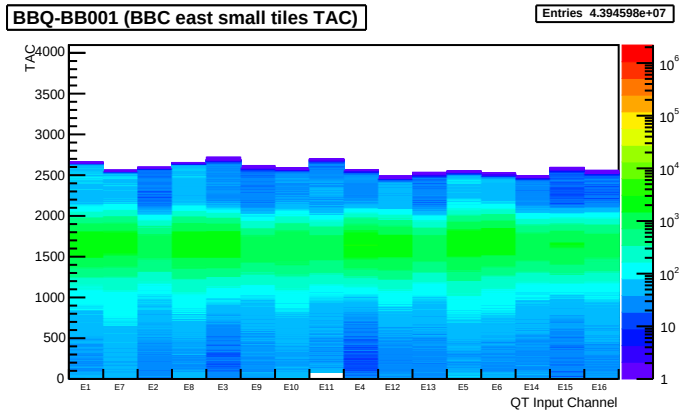

MIX-MT102 Input: VP003 Max TAC
Entries 2746624

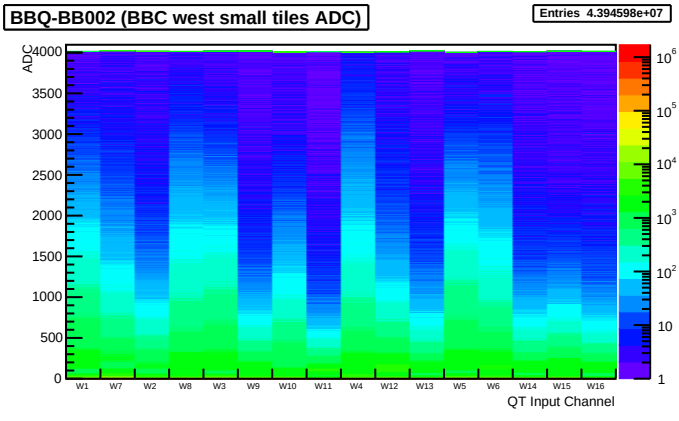

MIX-MT102 Input: VP004 Max TAC
Entries 2746624

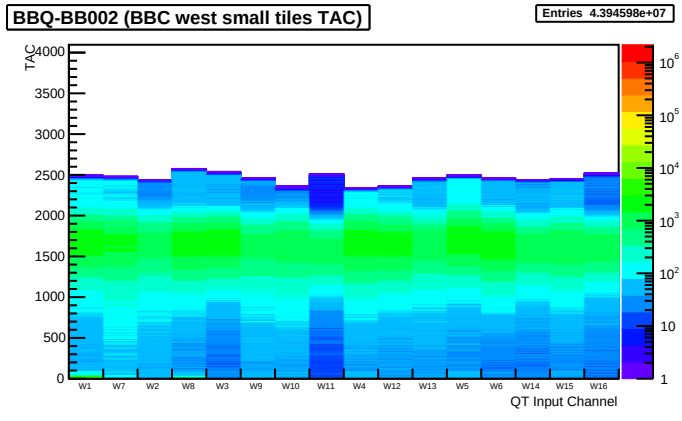

MXQ-PP001
Entries 4.394598e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

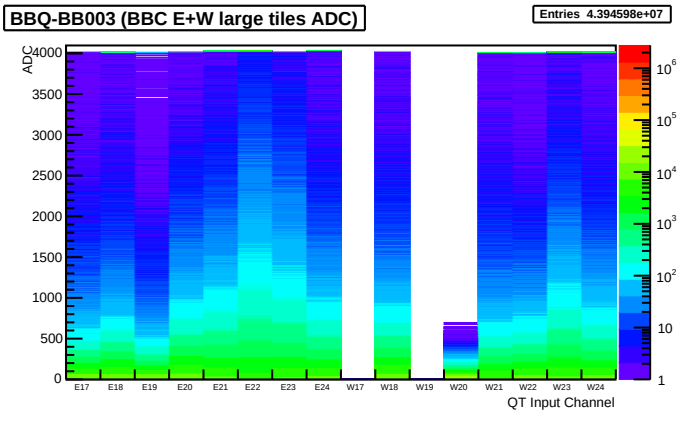

MXQ-PP001
Entries 4.394598e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

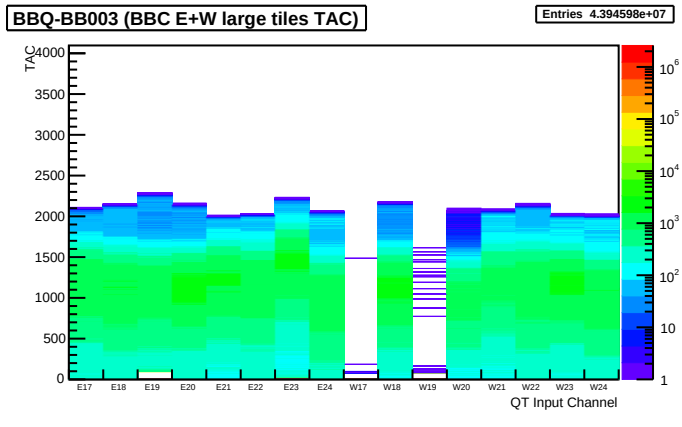

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.394598e+07
ADC
QT Input Channel

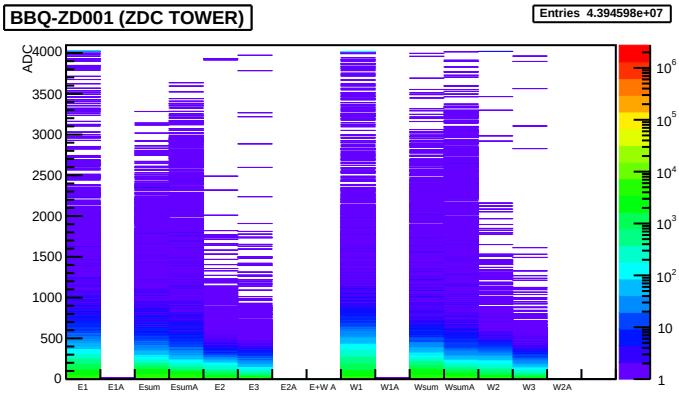

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.394598e+07
TAC
QT Input Channel

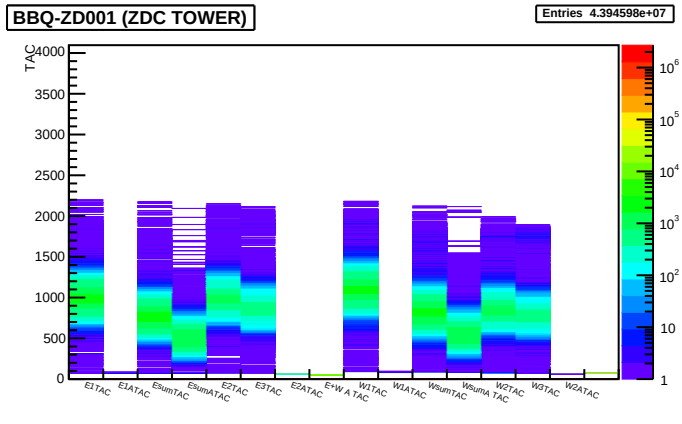

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.394598e+07
ADC
QT Input Channel

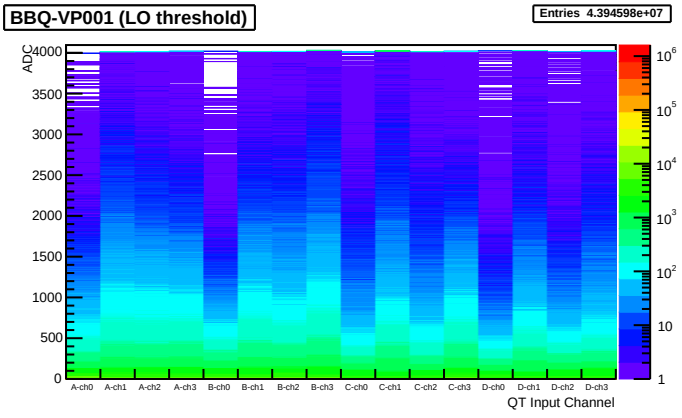

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.394598e+07
TAC
QT Input Channel

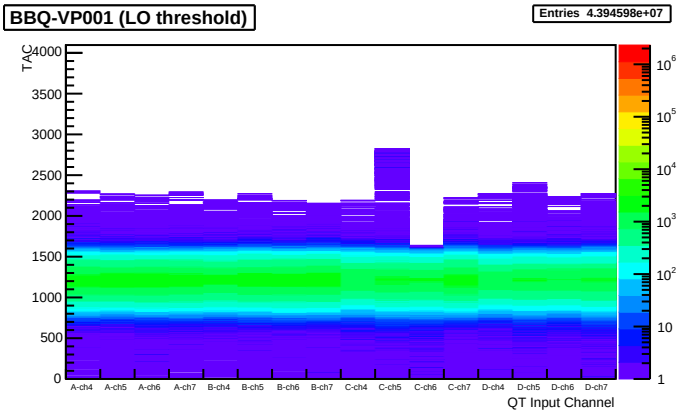

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.394598e+07
ADC
QT Input Channel

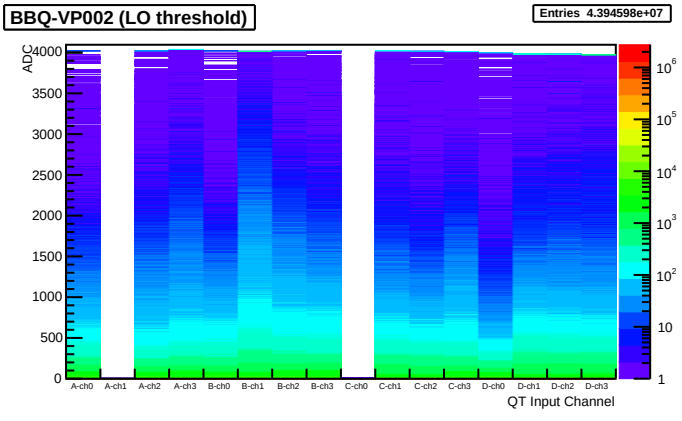

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.394598e+07
TAC
QT Input Channel

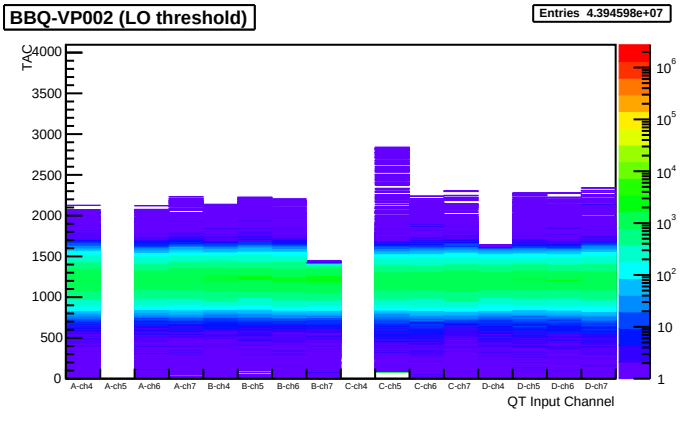

BBQ-ZD001 (ZDC TOWER)
Entries 4.394598e+07
ADC

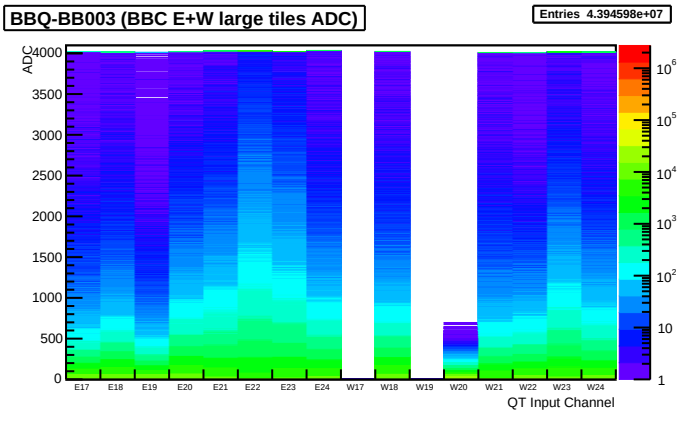

BBQ-ZD001 (ZDC TOWER)
Entries 4.394598e+07
TAC

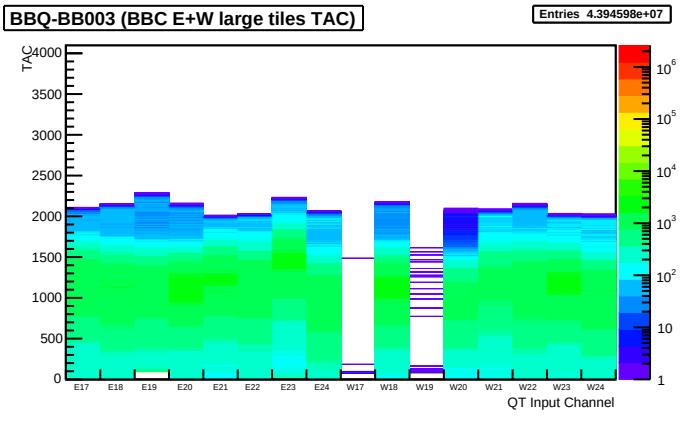

BBQ-VP001 (LO threshold)
Entries 4.394598e+07
ADC
QT Input Channel

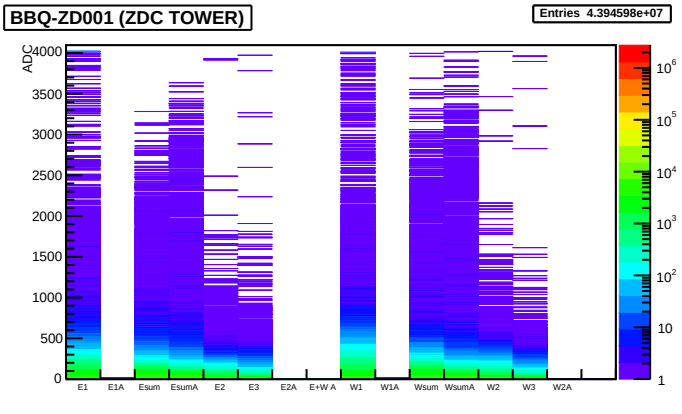

BBQ-VP001 (LO threshold)
Entries 4.394598e+07
TAC
QT Input Channel

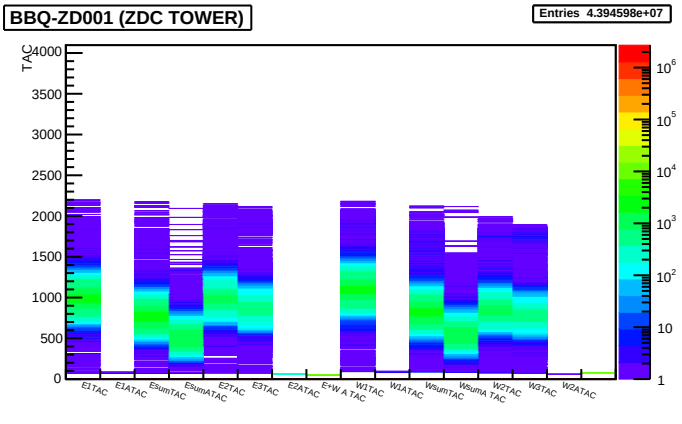

BBQ-VP002 (LO threshold)
Entries 4.394598e+07
ADC
QT Input Channel

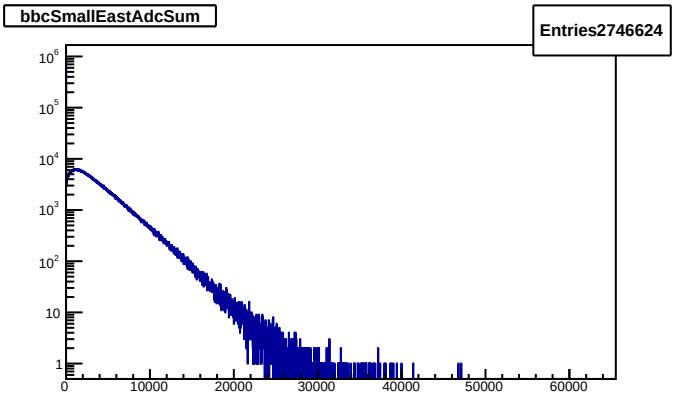

BBQ-VP002 (LO threshold)
Entries 4.394598e+07
TAC
QT Input Channel

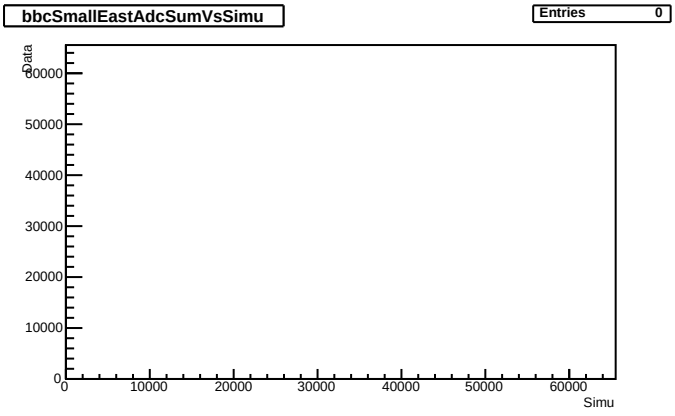

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.394598e+07
ADC
QT Input Channel

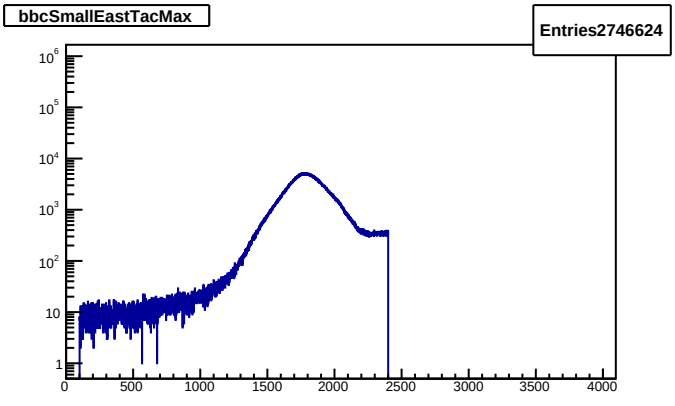

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.394598e+07
TAC
QT Input Channel

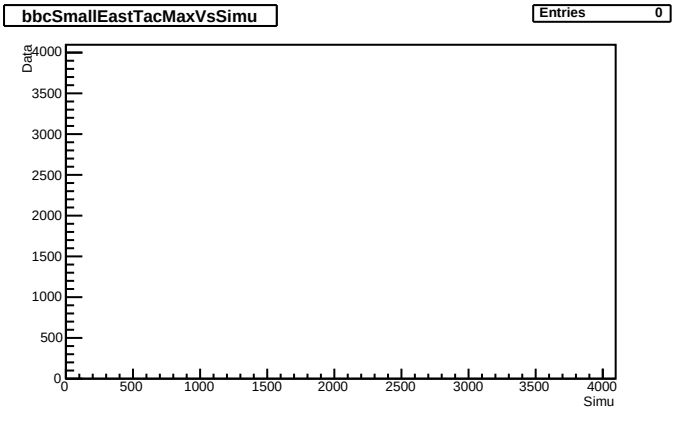

BBQ-ZD001 (ZDC TOWER)
Entries 4.394598e+07
ADC

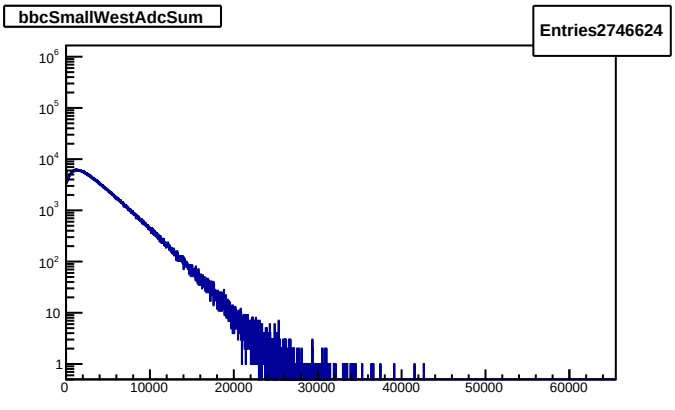

BBQ-ZD001 (ZDC TOWER)
Entries 4.394598e+07
TAC

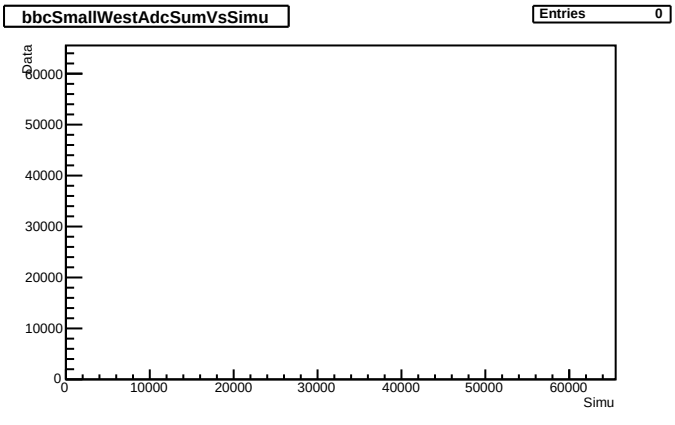

bbcSmallEastAdcSum
Entries2746624

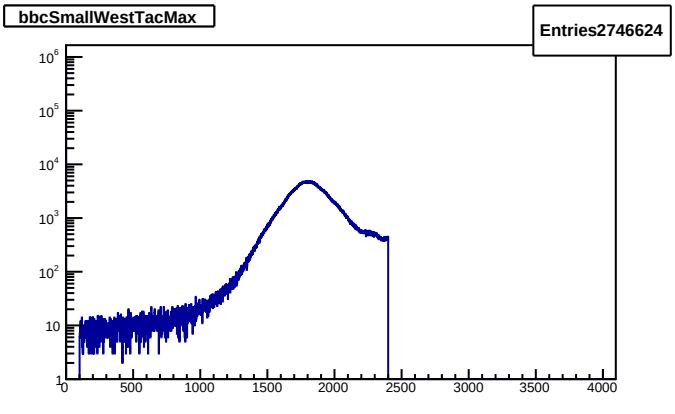

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

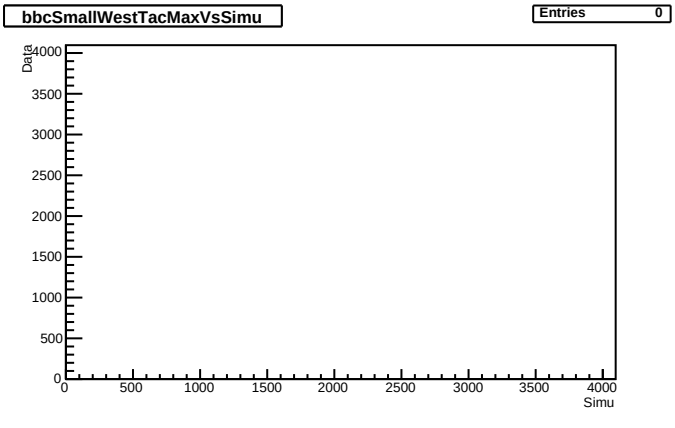

bbcSmallEastTacMax
Entries2746624

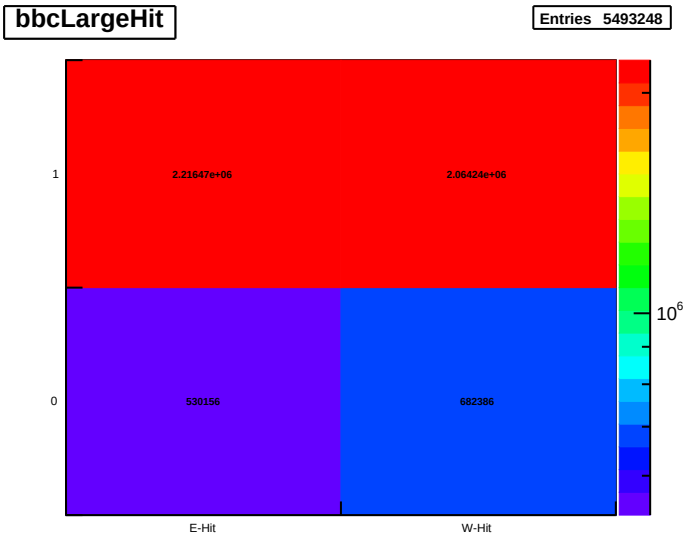

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

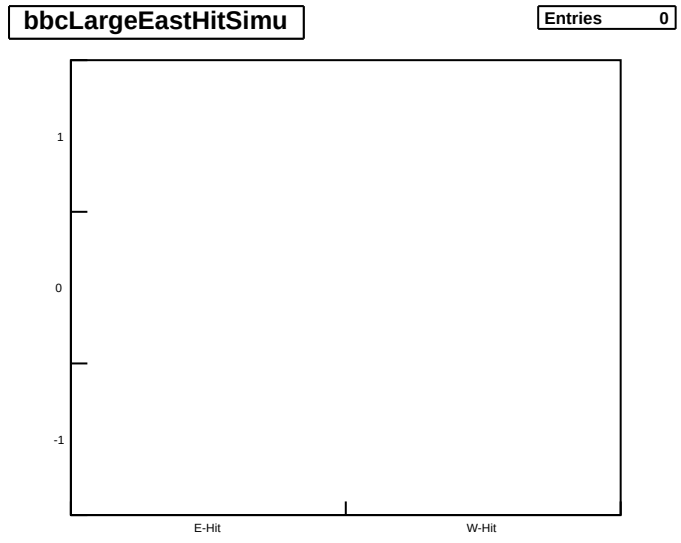

bbcSmallWestAdcSum
Entries2746624

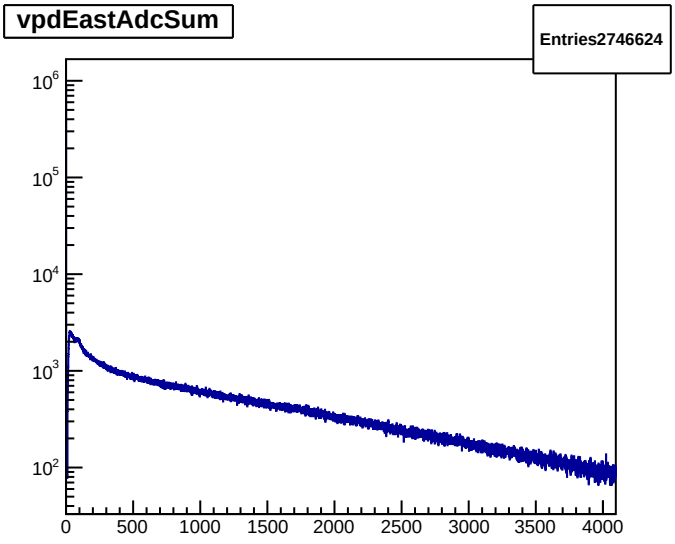

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

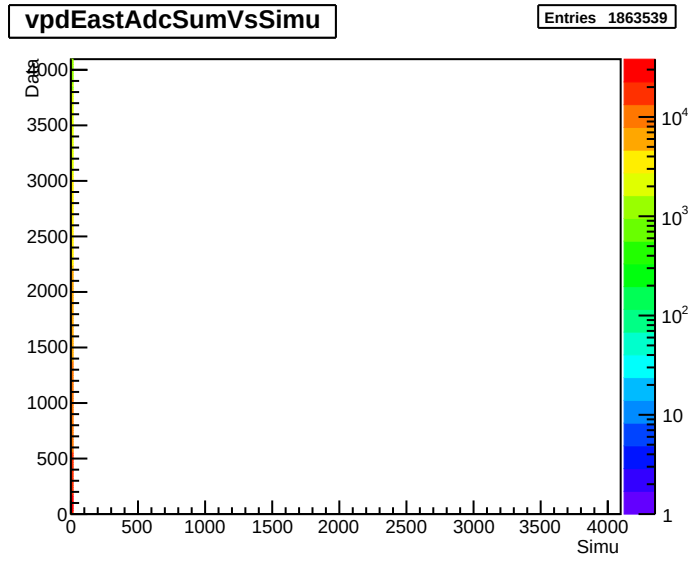

bbcSmallWestTacMax
Entries2746624

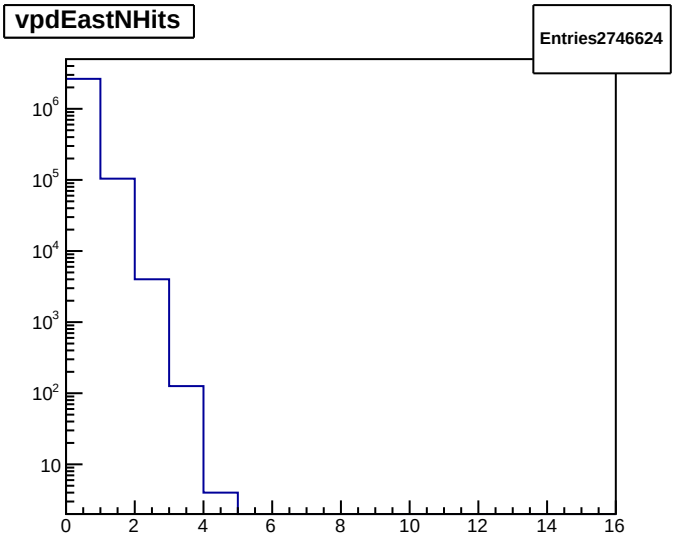

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

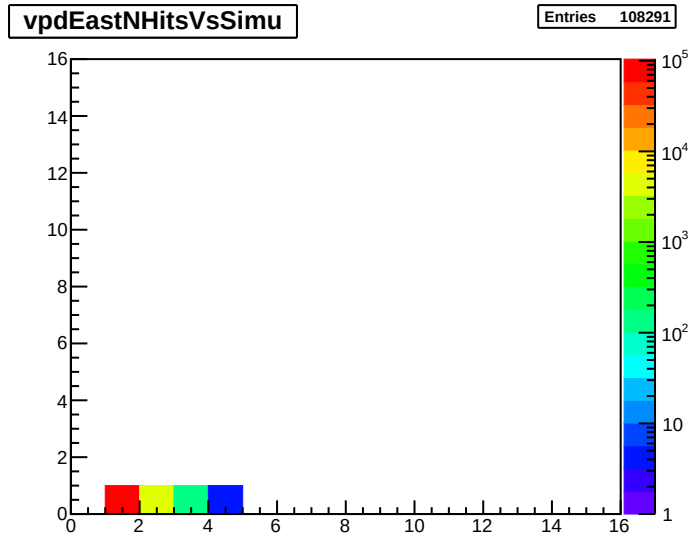

bbcLargeHit
Entries 5493248
1
0
2.21647e+06
2.06424e+06
530156
682386
E-Hit
W-Hit
10^6

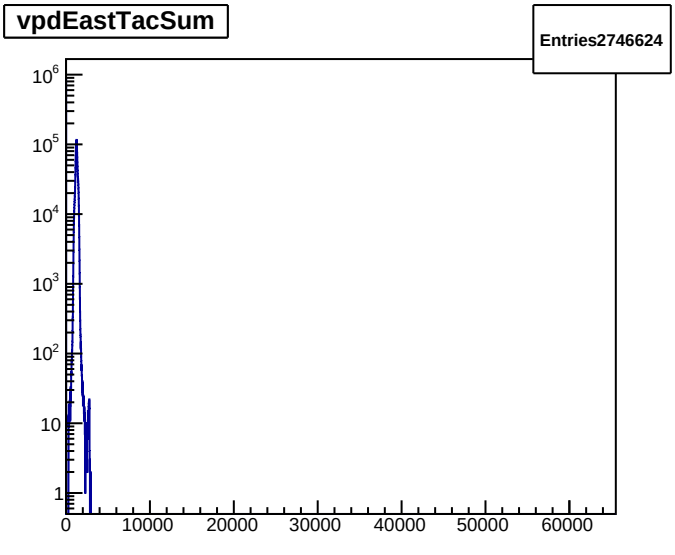

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

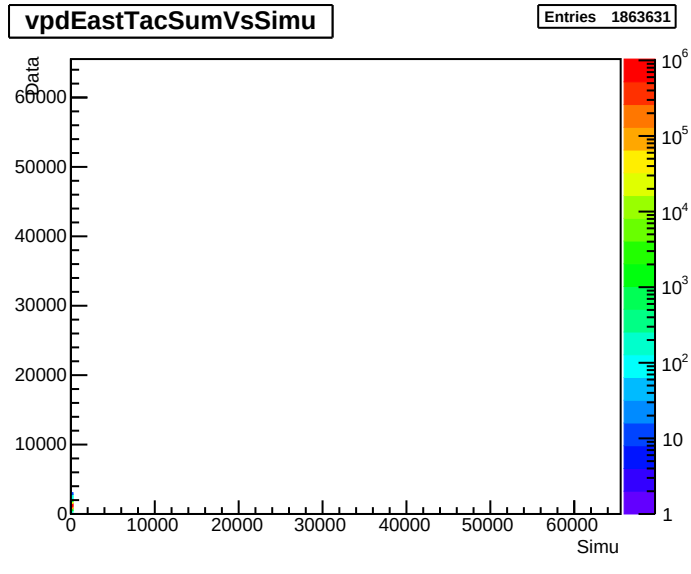

vpdEastAdcSum
Entries2746624

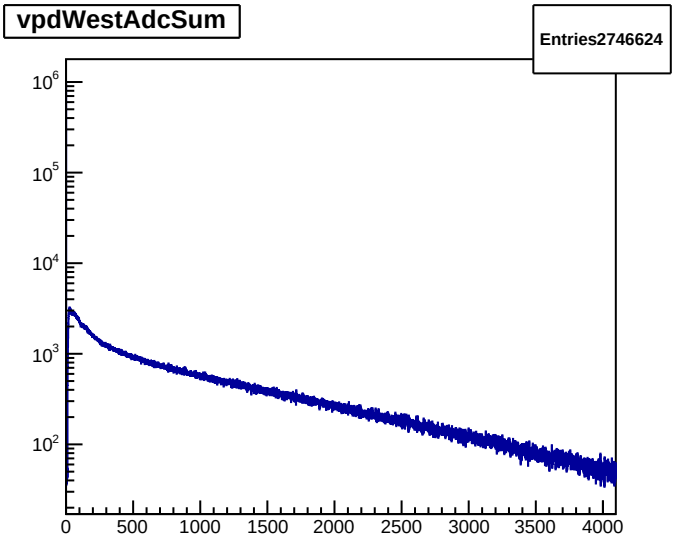

vpdEastAdcSumVsSimu
Entries 1863539
Data
Simu

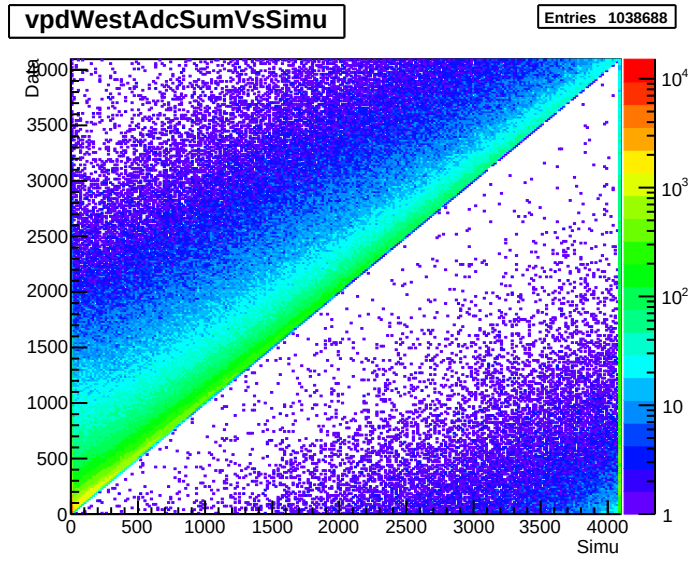

vpdEastNHits
Entries2746624

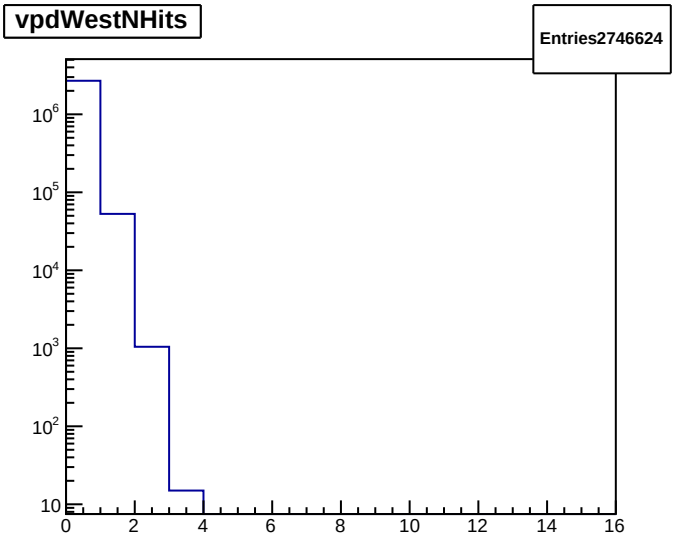

vpdEastNHitsVsSimu
Entries 108291

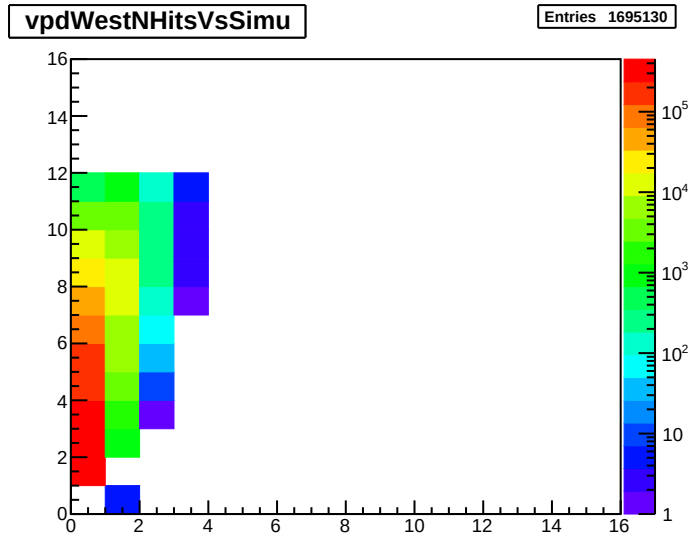

vpdEastTacSum
Entries2746624

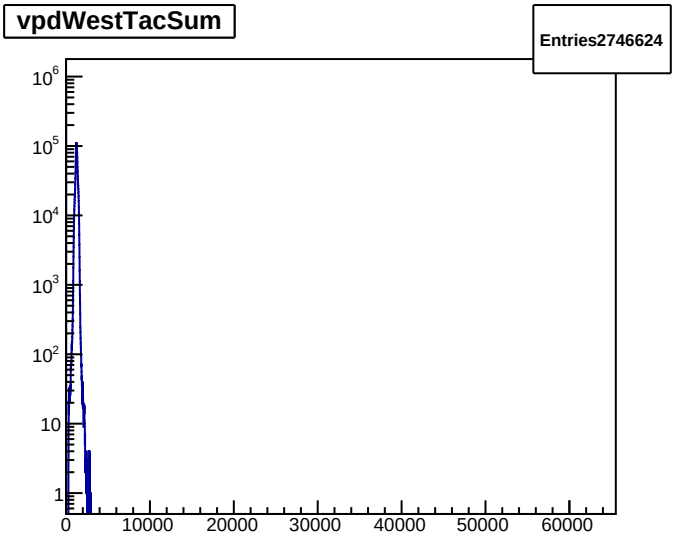

vpdEastTacSumVsSimu
Entries 1863631
Data
Simu

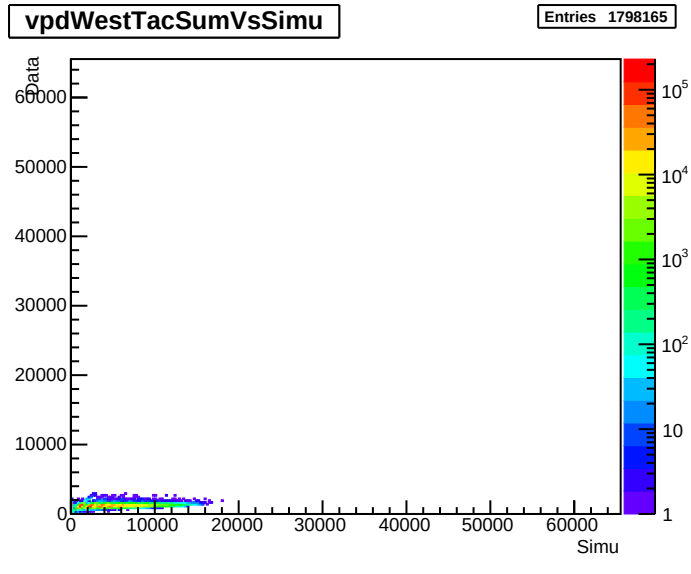

vpdWestAdcSum
Entries2746624

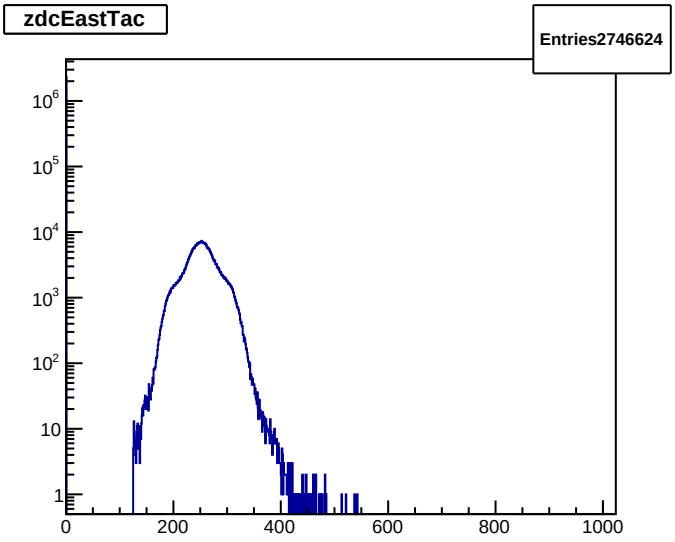

vpdWestAdcSumVsSimu
Entries 1038688
Data
Simu

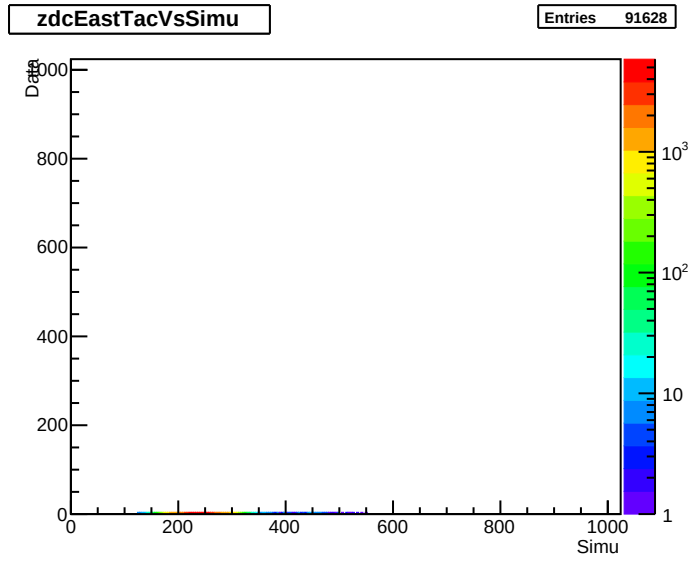

vpdWestNHits
Entries2746624

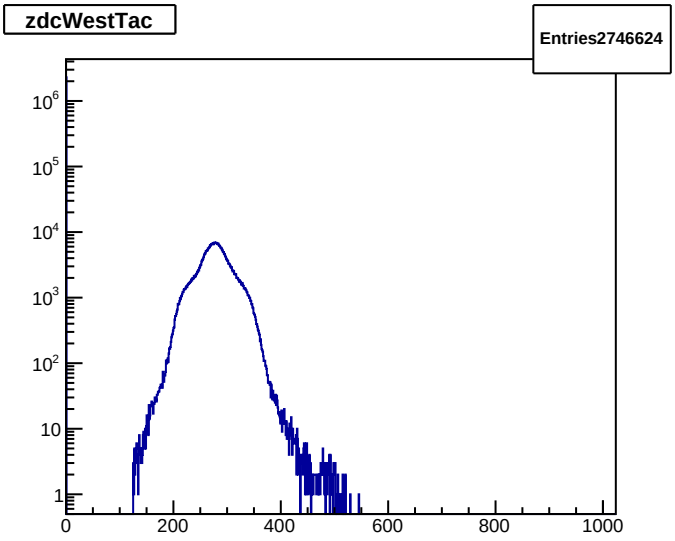

vpdWestNHitsVsSimu
Entries 1695130

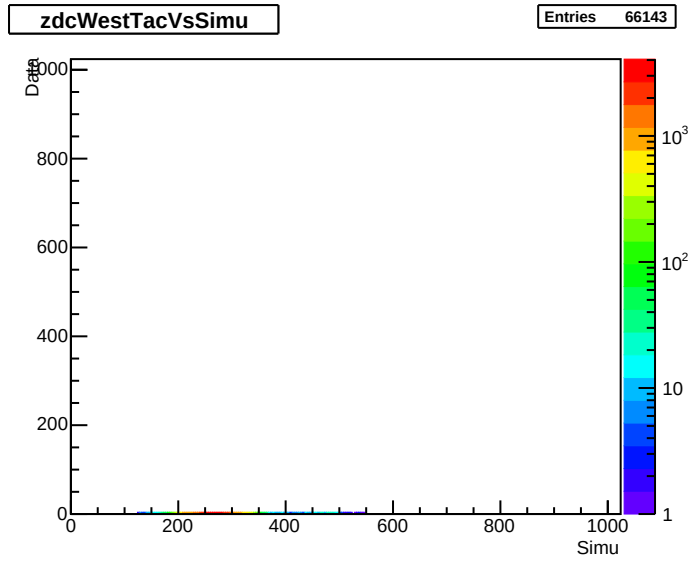

vpdWestTacSum
Entries2746624

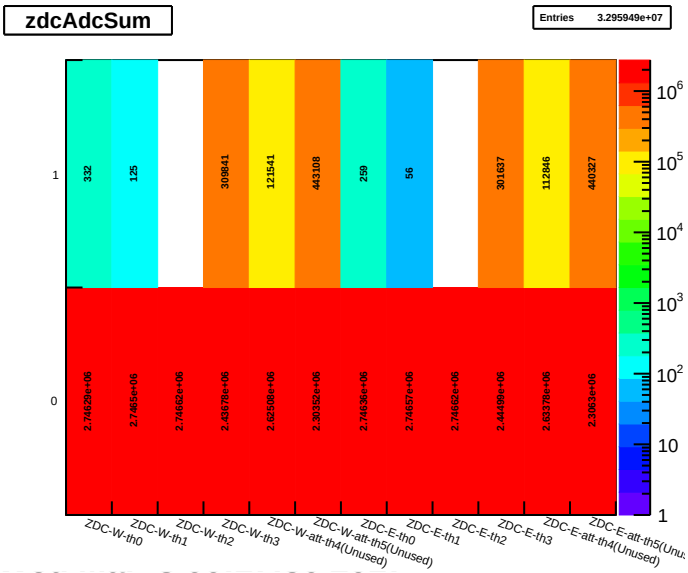

vpdWestTacSumVsSimu
Entries 1798165
Data
Simu

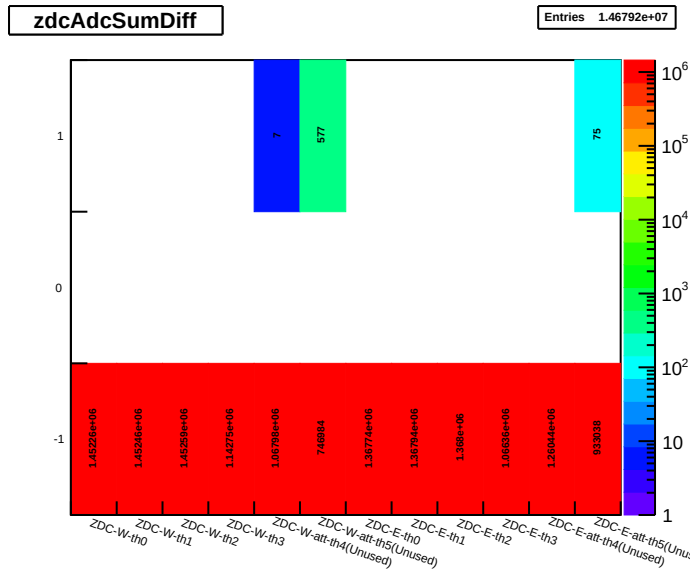

zdcEastTac
Entries2746624

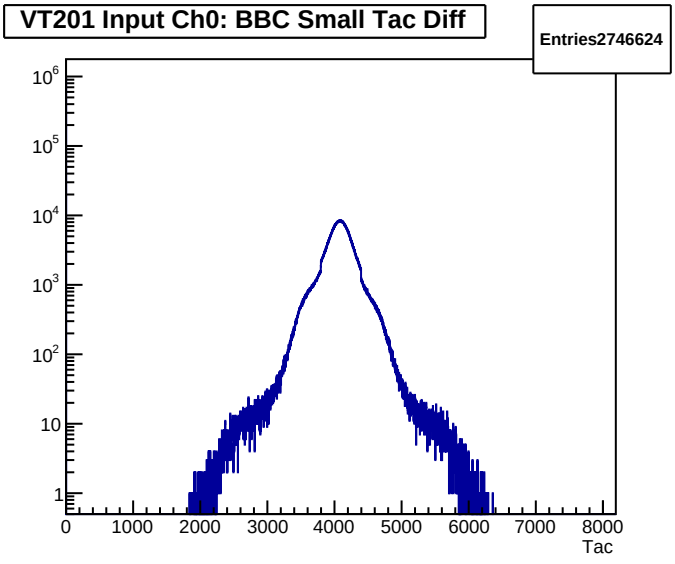

zdcEastTacVsSimu
Entries 91628
Data
Simu

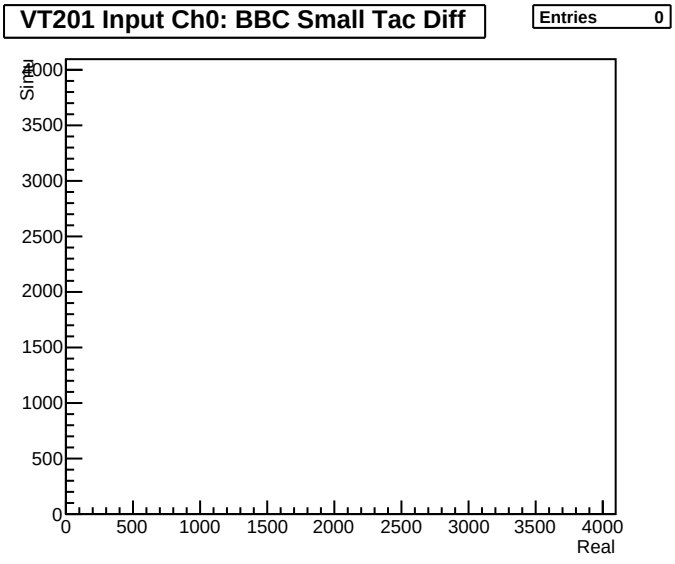

zdcWestTac
Entries2746624

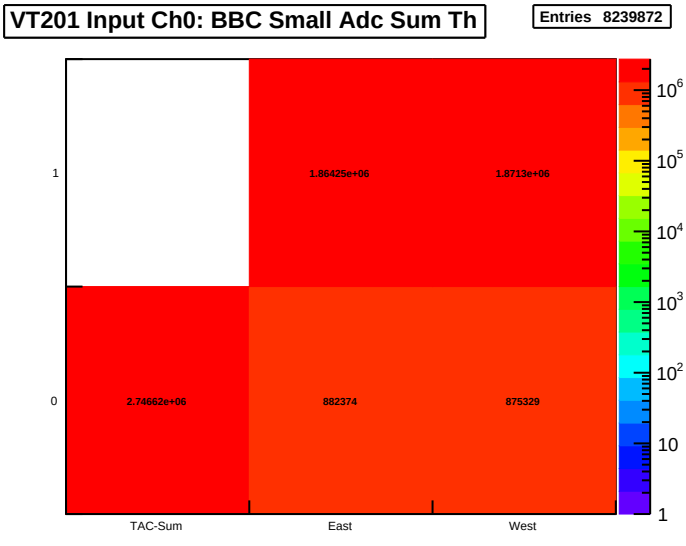

zdcWestTacVsSimu
Entries 66143
Data
Simu

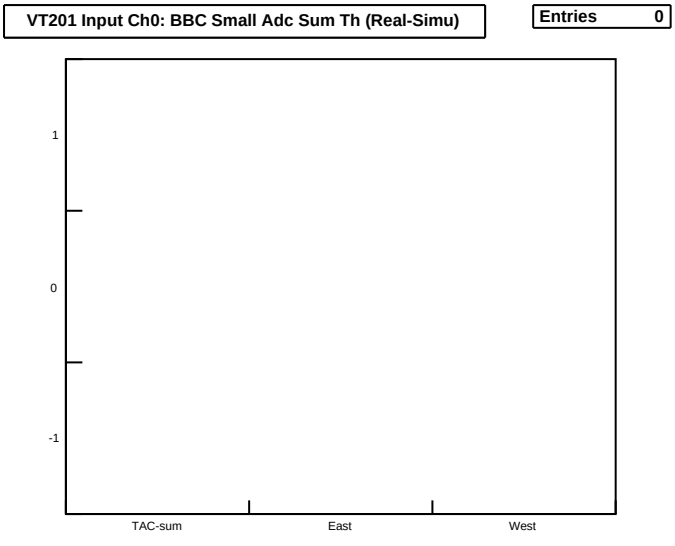

zdcAdcSum
Entries 3.295949e+07
332
125
309841
121541
443108
259
56
301637
112846
440327
2.74628e+06
2.74656e+06
2.74662e+06
2.43678e+06
2.62508e+06
2.30352e+06
2.74636e+06
2.74657e+06
2.74662e+06
2.44498e+06
2.63378e+06
2.3063e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

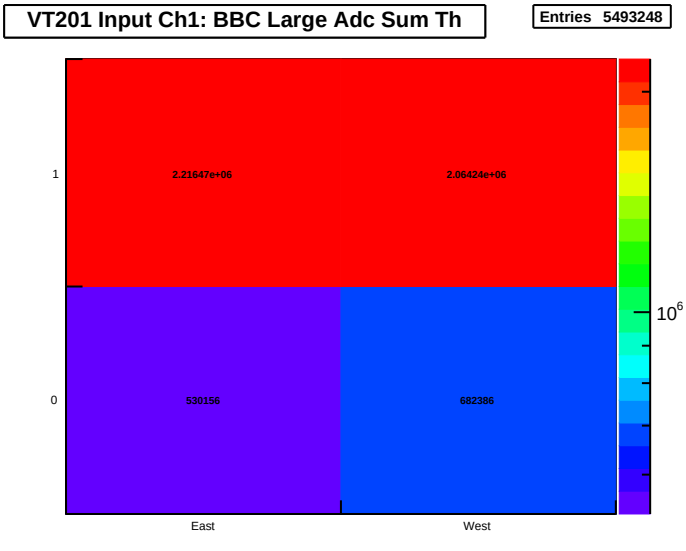

zdcAdcSumDiff
Entries 1.46792e+07
7
577
75
1.45226e+06
1.45246e+06
1.45259e+06
1.13275e+06
1.06798e+06
746984
1.36774e+06
1.36794e+06
1.368e+06
1.06636e+06
1.26044e+06
933038
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

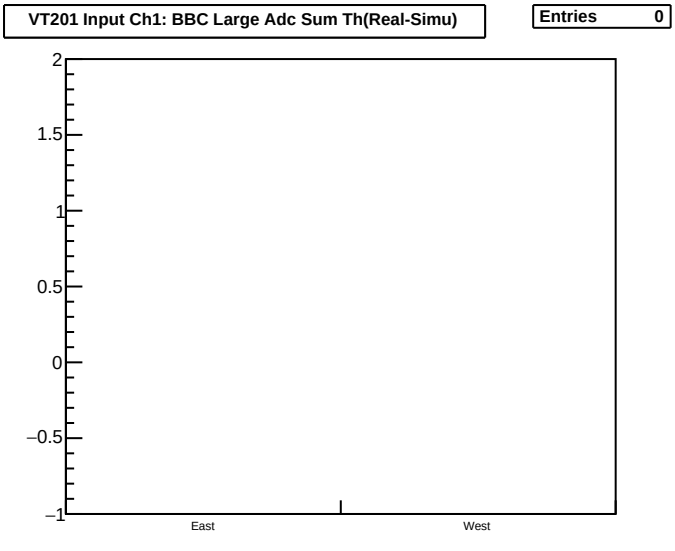

VT201 Input Ch0: BBC Small Tac Diff
Entries2746624
Tac


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

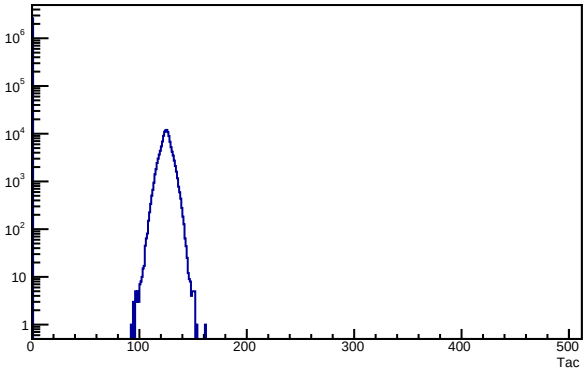

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 8239872
1.86425e+06
1.8713e+06
2.74662e+06
882374
875329
TAC-Sum
East
West


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

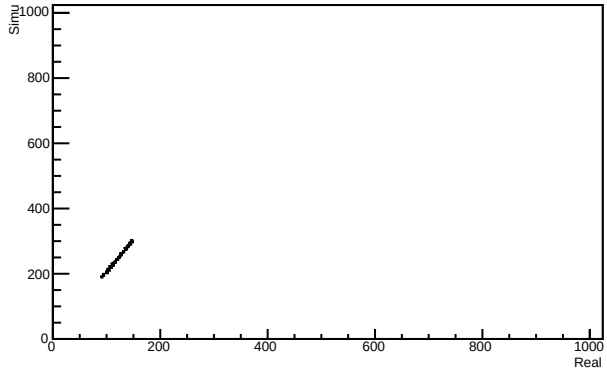

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5493248
2.21647e+06
2.06424e+06
530156
682386
East
West


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

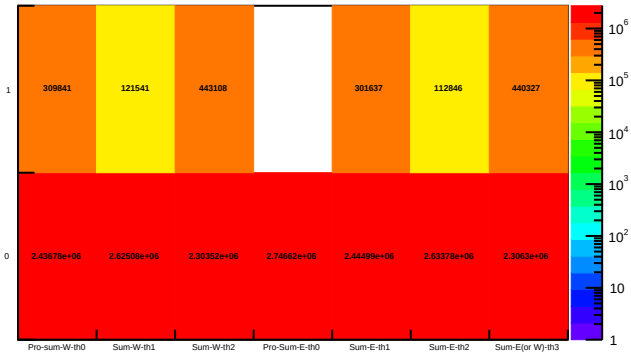
VT201 Input Ch2: ZDC Tac Diff



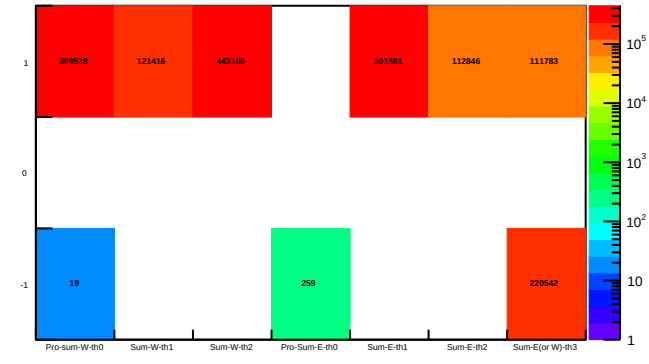
VT201 Input Ch2: ZDC Tac Diff



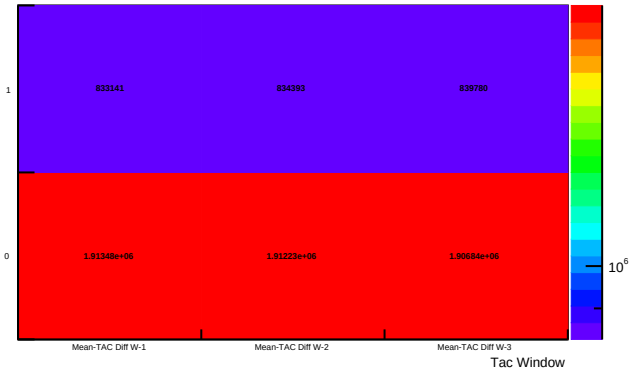
VT201 Input Ch2: ZDC Adc Sum Th



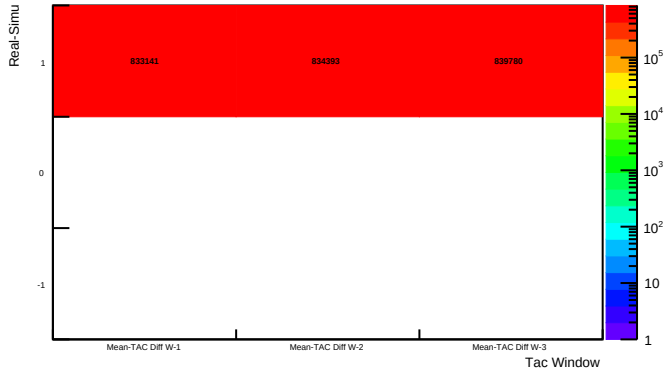
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



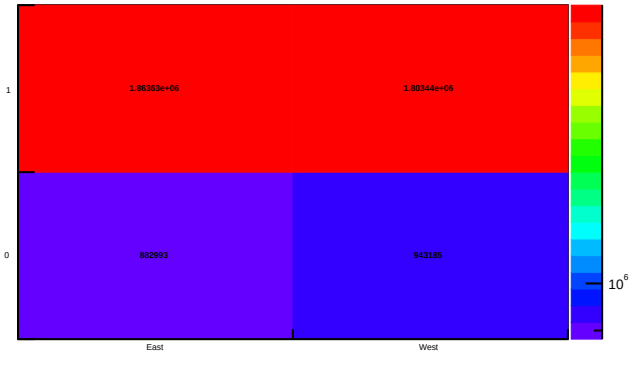
VT201 Input Ch4: VPD Tac Diff



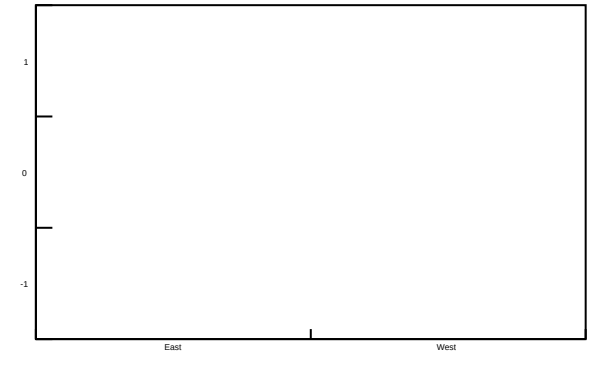
VT201 Input Ch4: VPD Tac Diff

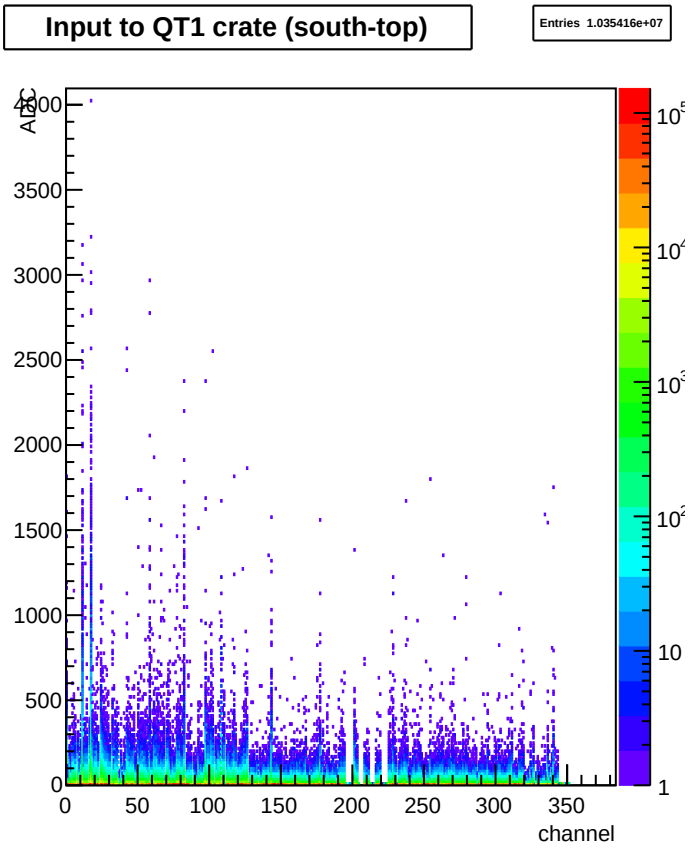


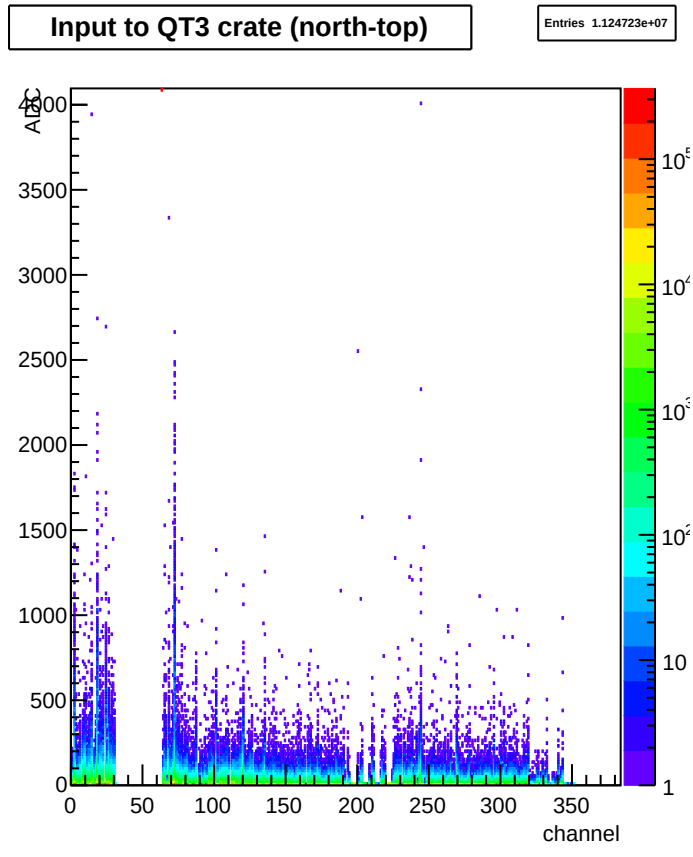
VT201 Input Ch4: VPD Adc Sum Th

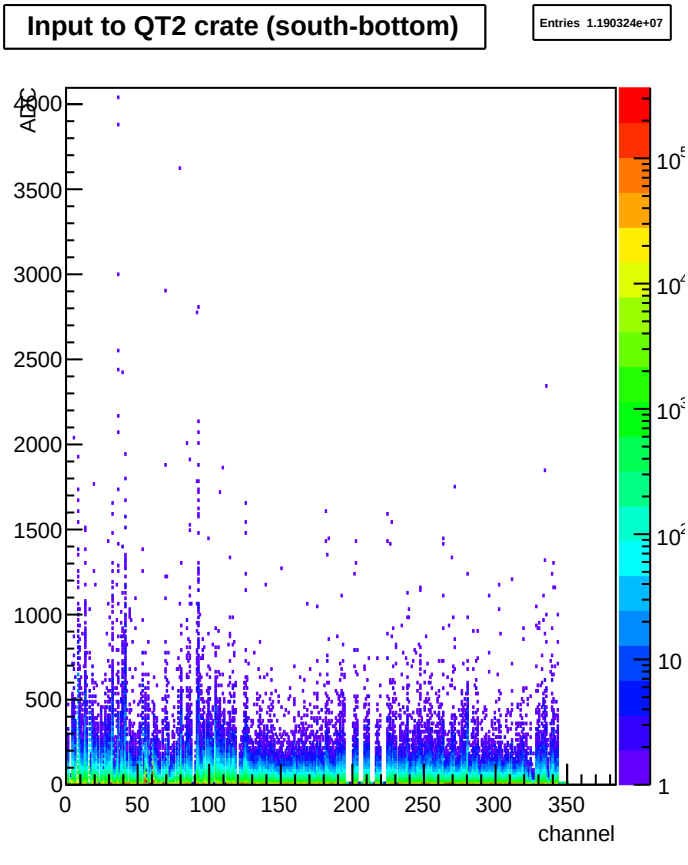


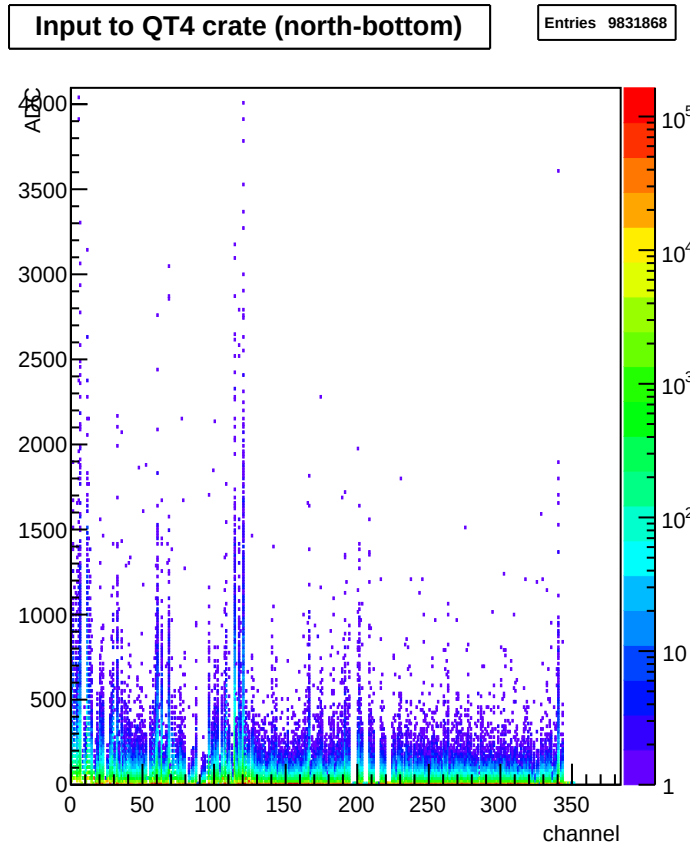
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

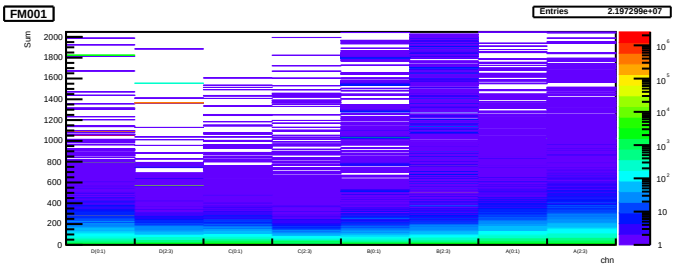


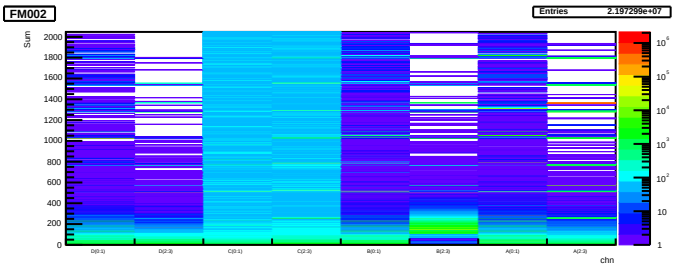

Input to QT1 crate (south-top)
Entries 1.035416e+07
ADC
channel

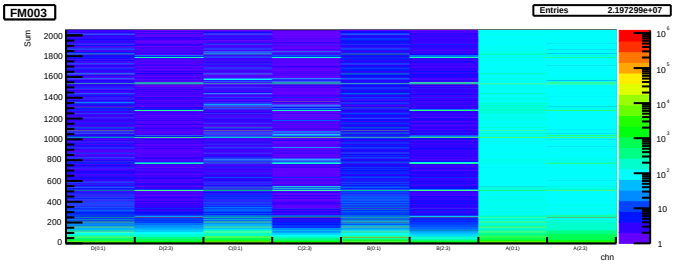

Input to QT3 crate (north-top)
Entries 1.124723e+07
ADC
channel

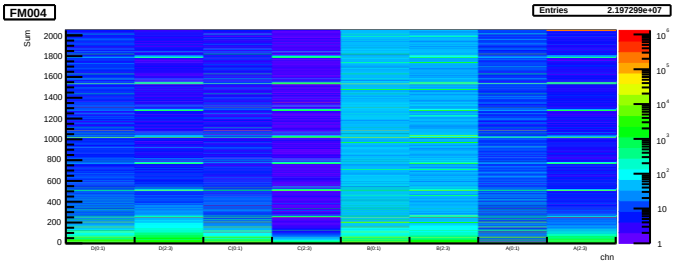

Input to QT2 crate (south-bottom)
Entries 1.190324e+07
ADC
channel

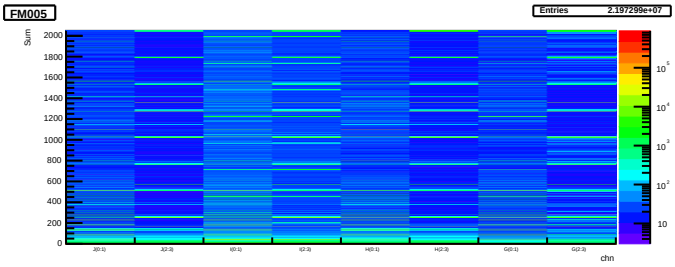

Input to QT4 crate (north-bottom)
Entries 9831868
ADC
channel

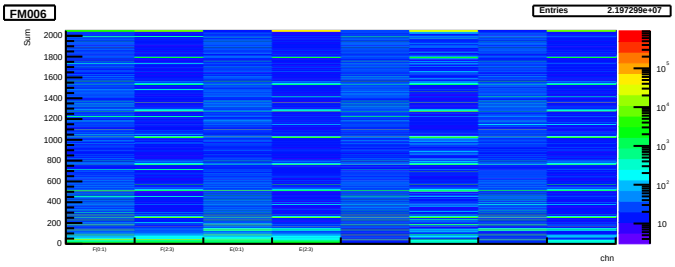

FM001
Entries 2.197299e+07
Sum
chn

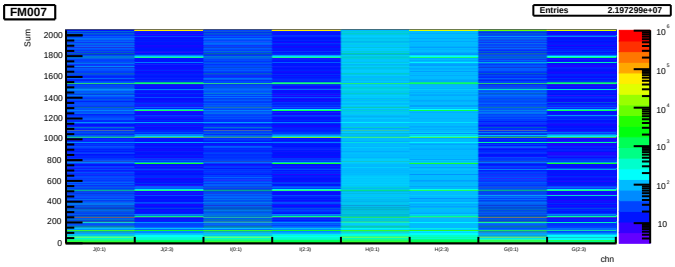

FM002
Entries 2.197299e+07
Sum
chn

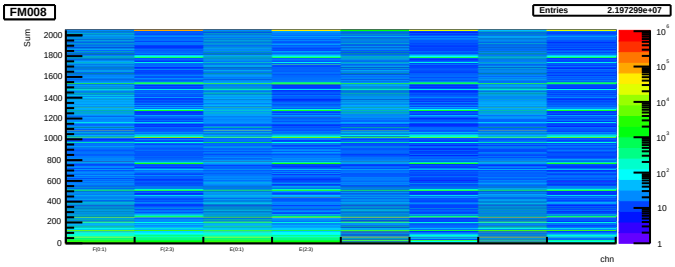

FM003
Entries 2.197299e+07
Sum
chn


FM004
Entries 2.197299e+07
Sum
chn


FM005
Entries 2.197299e+07
Sum
chn


FM006
Entries 2.197299e+07
Sum
chn


FM007
Entries 2.197299e+07
Sum
chn


FM008
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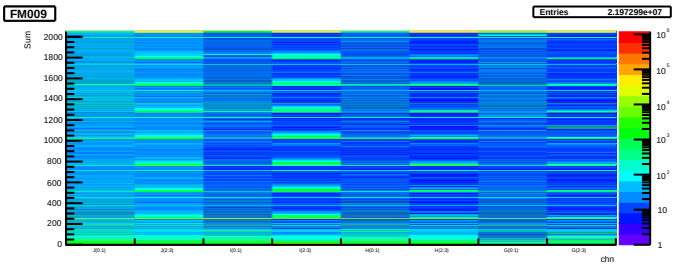
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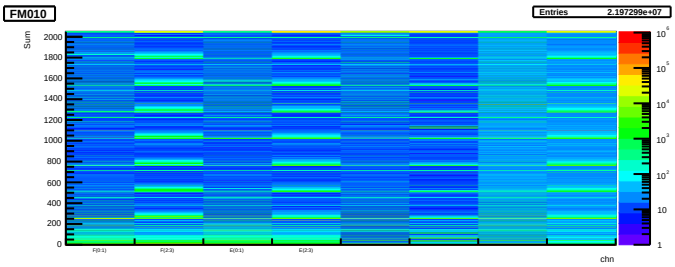
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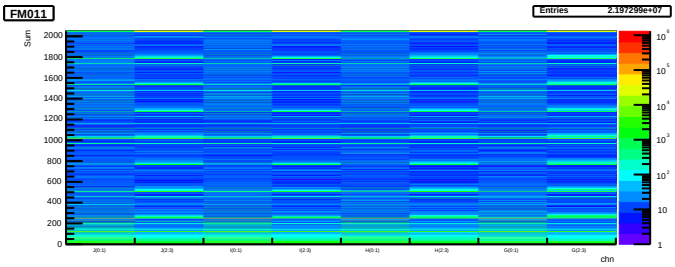
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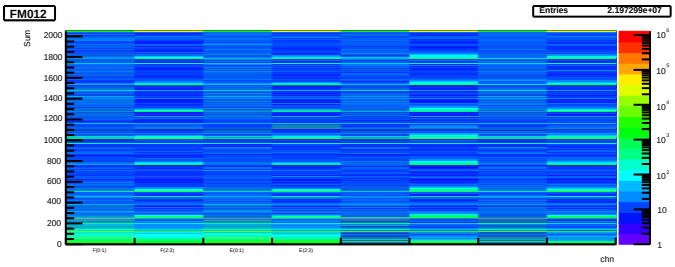
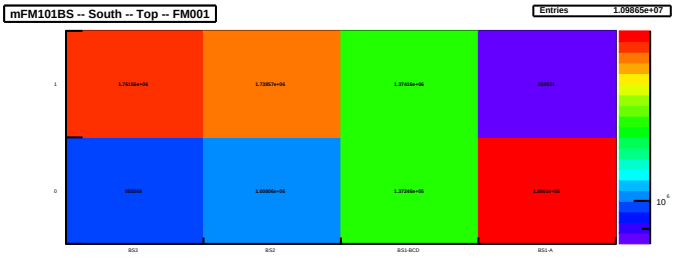

FM012
Entries 2.197299e+07
Sum
chn


mFM101BS -- South -- Top -- FM001
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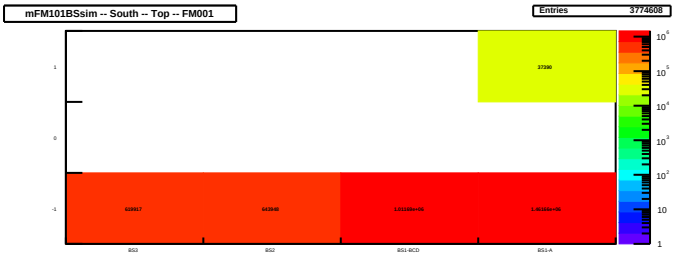
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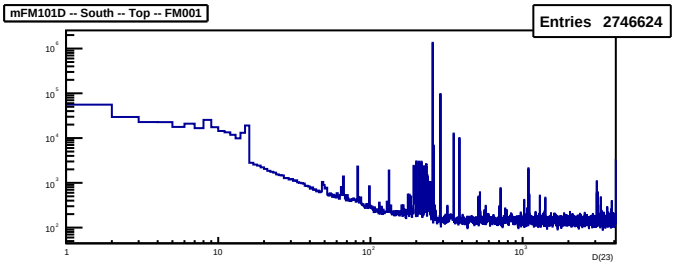
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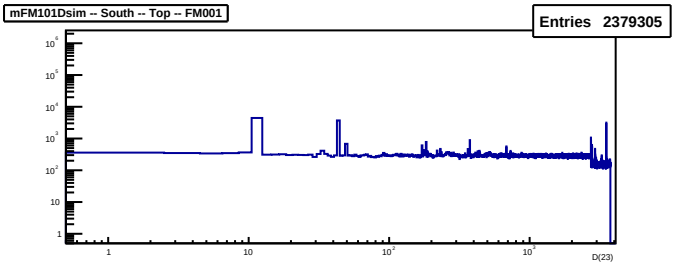
Entries 2746624
D(23)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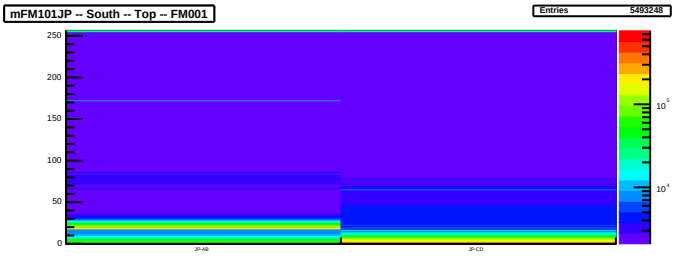
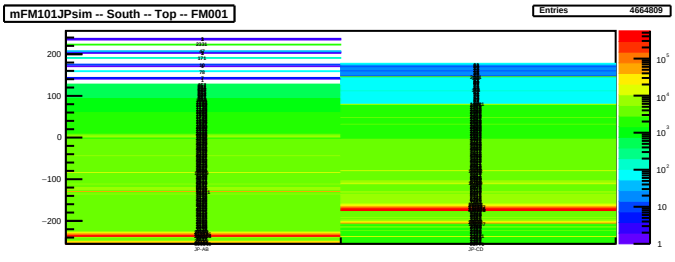

mFM101JP -- South -- Top -- FM001
Entries 5493248


mFM101JPsim -- South -- Top -- FM001
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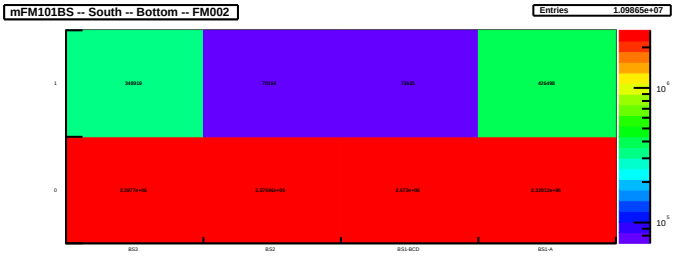
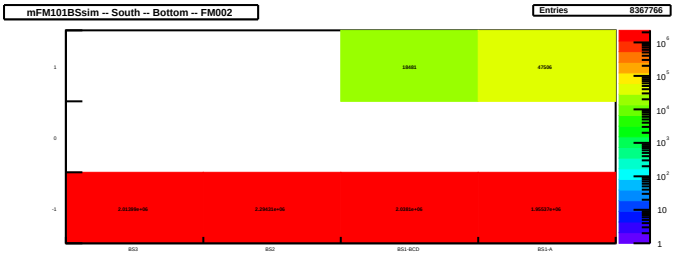

mFM101BS -- South -- Bottom -- FM002
Entries 1.09865e+07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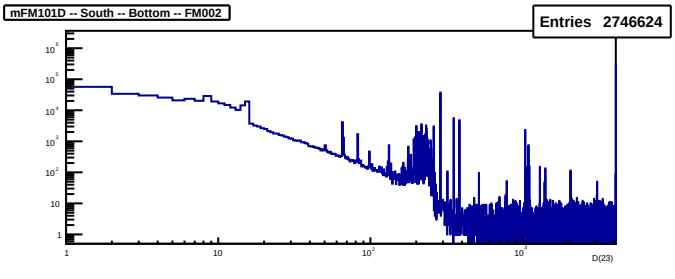
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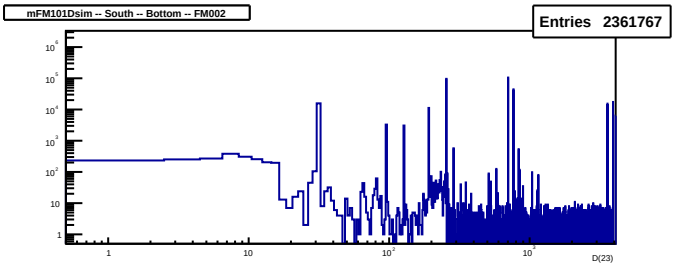
Entries 2746624
D(23)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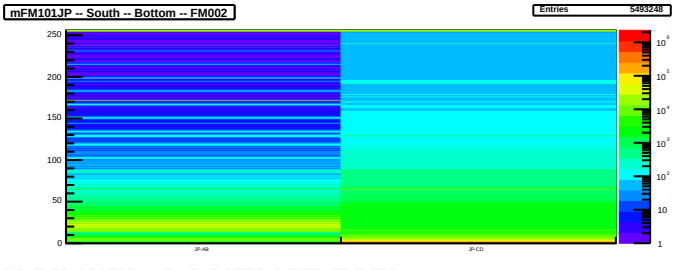
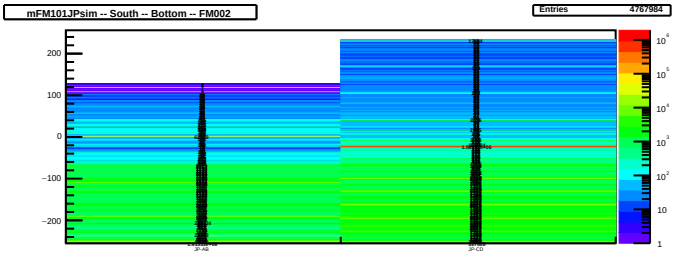
Entries 2361767
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 5493248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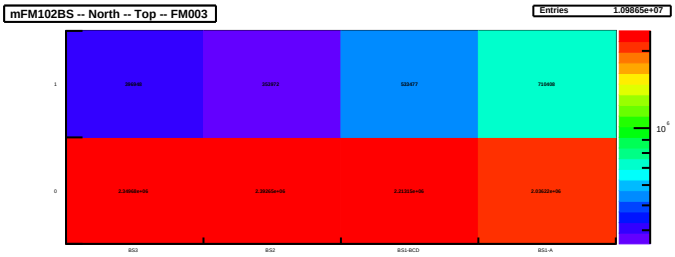
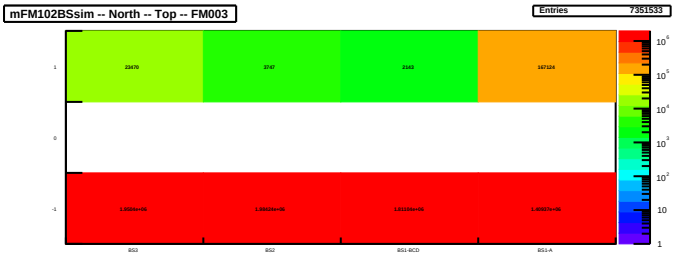
Entries 4767984


mFM102BS -- North -- Top -- FM003
Entries 1.09865e+07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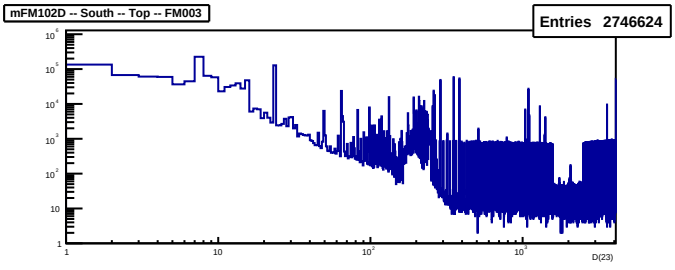
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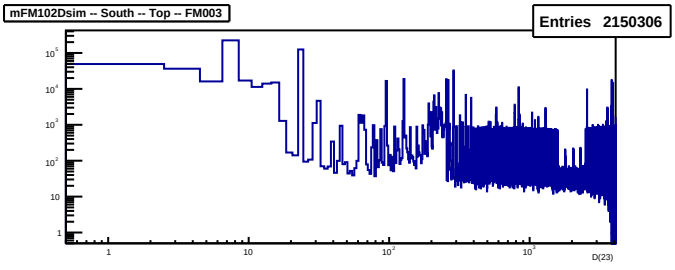
Entries 2746624
D(23)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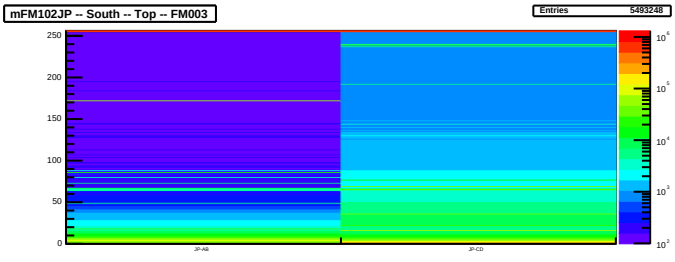
D(23)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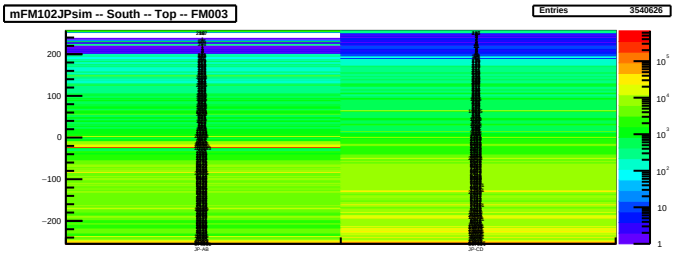
Entries 5493248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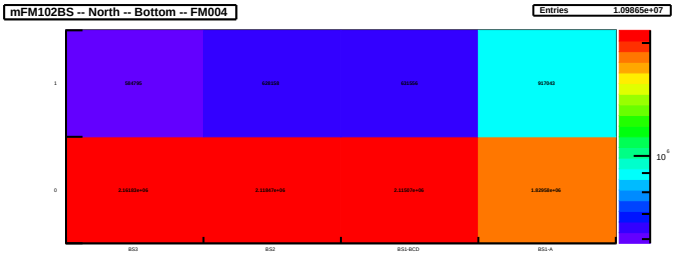
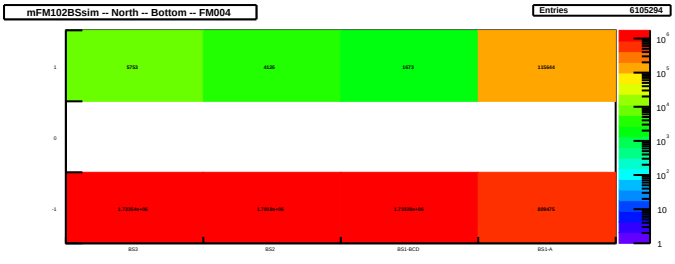
Entries 3540626


mFM102BS -- North -- Bottom -- FM004
Entries 1.09865e+07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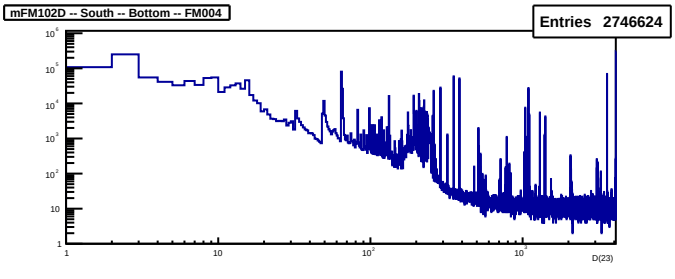
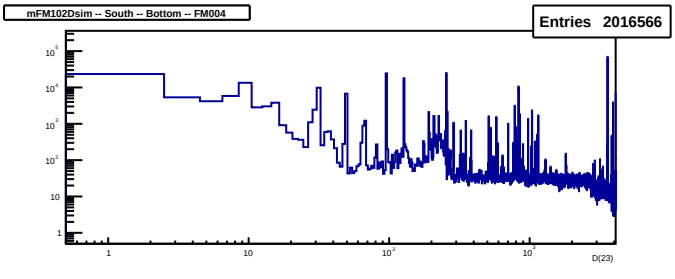
Entries 6105294


mFM102D -- South -- Bottom -- FM004
Entries 2746624
D(23)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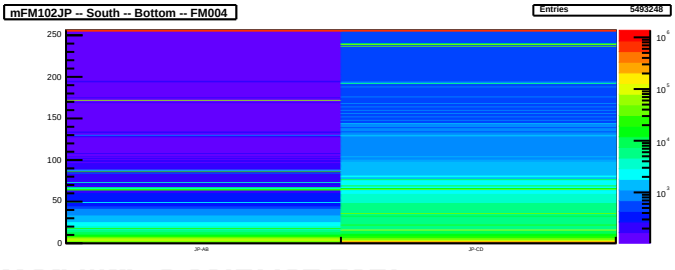
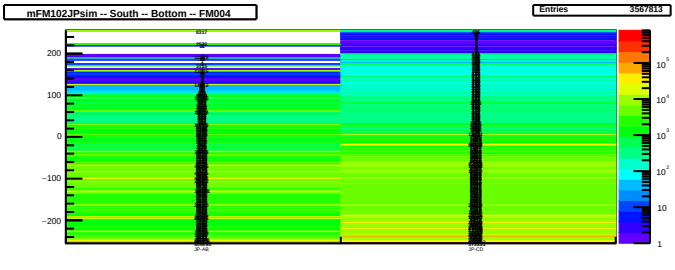
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 5493248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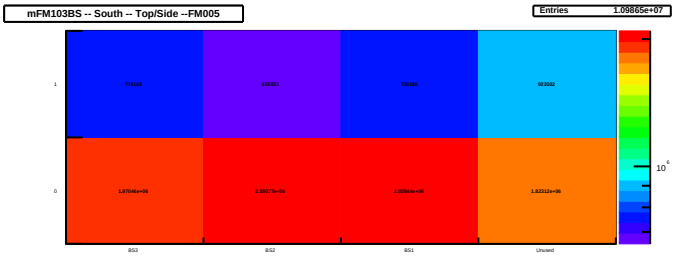
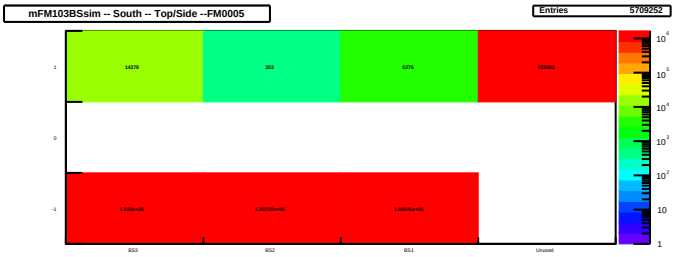

mFM103BS -- South -- Top/Side --FM005
Entries 1.09865e+07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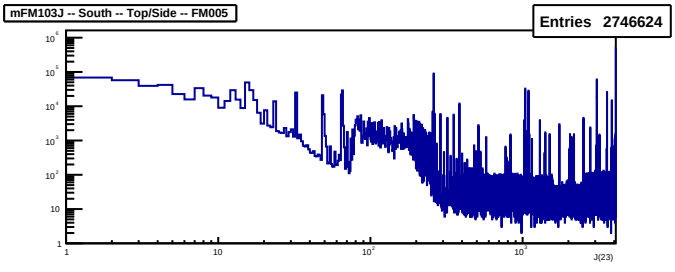
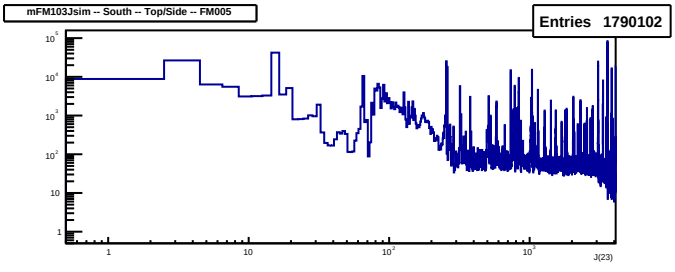
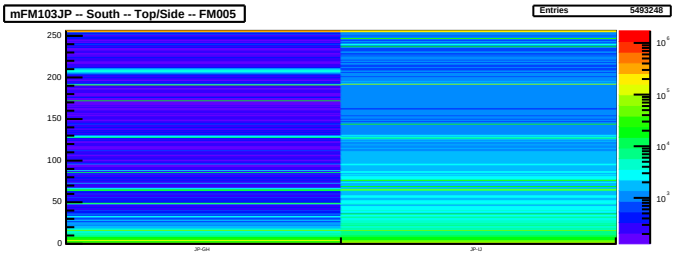
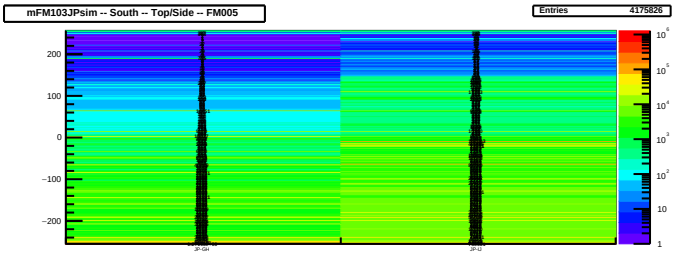
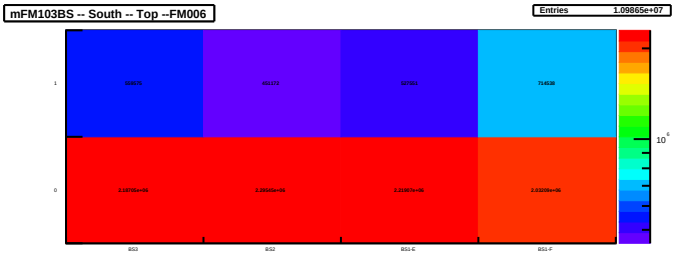
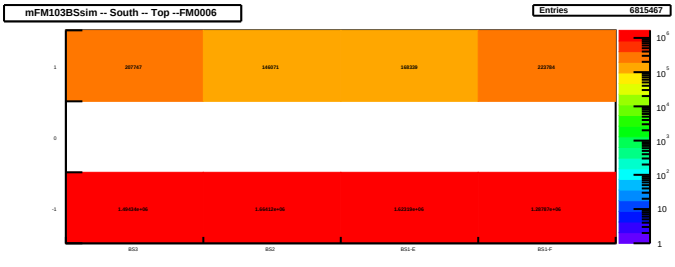

mFM103J -- South -- Top/Side -- FM005
Entries 2746624
J(23)


mFM103Jsim -- South -- Top/Side -- FM005
Entries 1790102
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 5493248


mFM103JPsim -- South -- Top/Side -- FM005
Entries 4175826


mFM103BS -- South -- Top --FM006
Entries 1.09865e+07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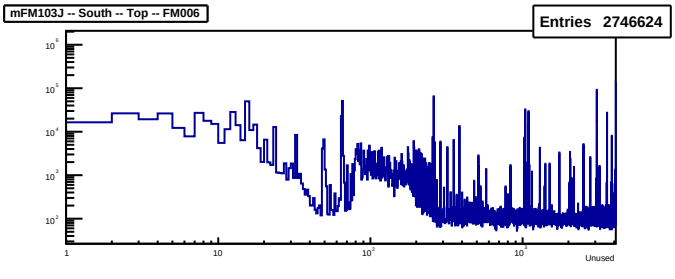
Entries 6815467


mFM103J -- South -- Top -- FM006
Entries 2746624
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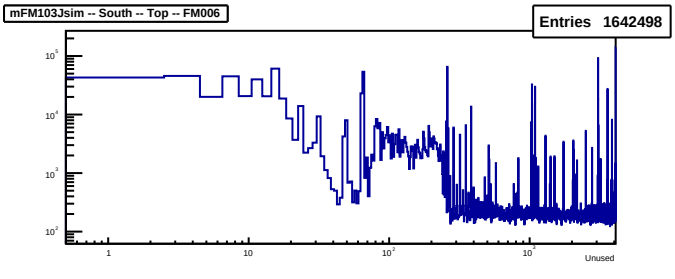
mFM103Jsim -- South -- Top -- FM006
Entries 1642498
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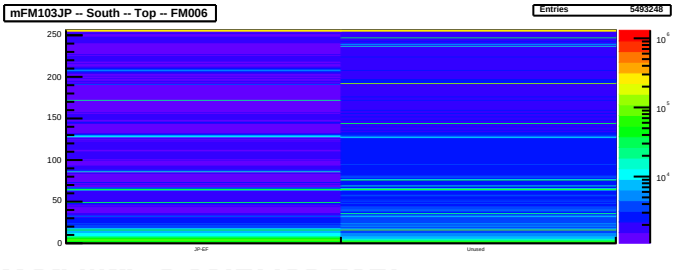
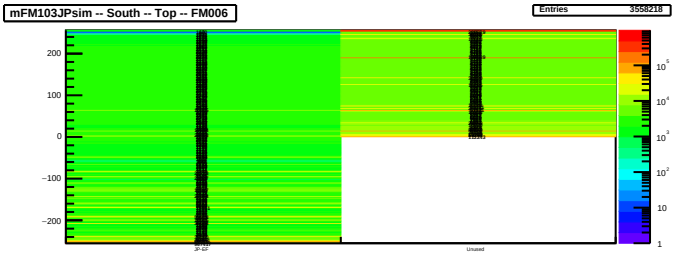
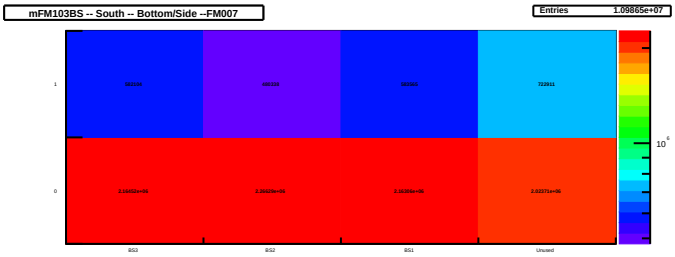
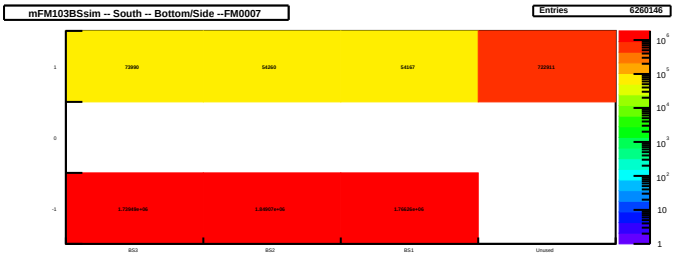

mFM103JP -- South -- Top -- FM006
Entries 5493248


mFM103JPsim -- South -- Top -- FM006
Entries 3558218


mFM103BS -- South -- Bottom/Side --FM007
Entries 1.09865e+07
561034
400324
501501
723911
2.16452e+06
2.26529e+06
2.16356e+06
2.22371e+06
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 6260146
73990
54369
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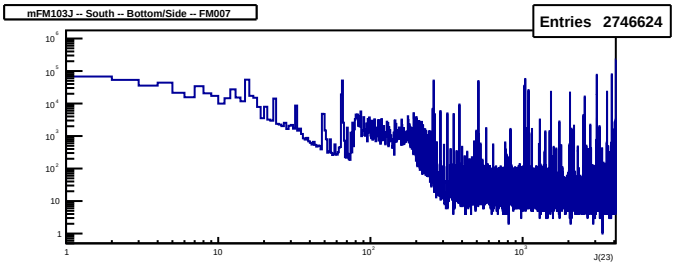
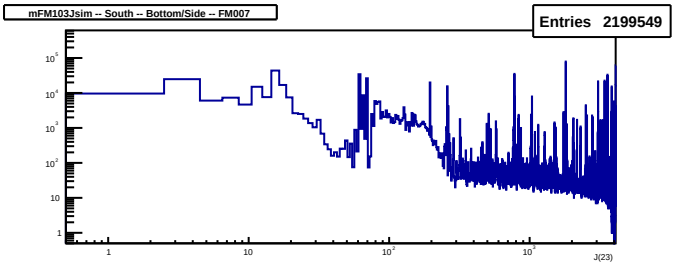
732911
1.73649e+06
1.64607e+06
1.73628e+06
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 2746624
J(23)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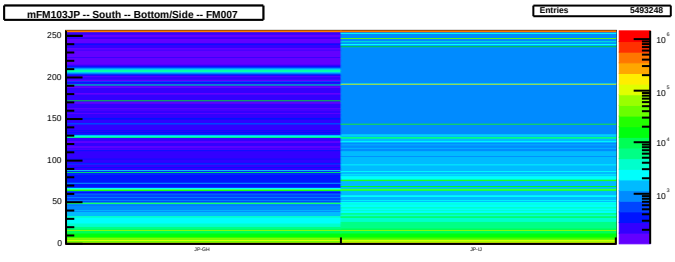
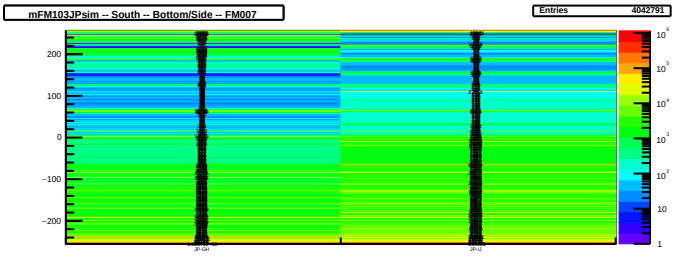
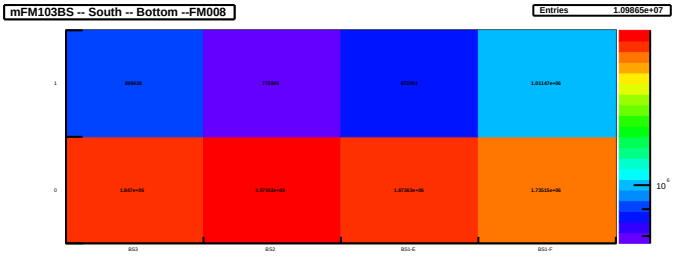
Entries 2199549
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 5493248
JP-G4
JP-I2


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 4042791
JP-G4
JP-I2


mFM103BS -- South -- Bottom --FM008
Entries 1.09865e+07
699628
775695
972991
1.01147e+06
1.667e+06
1.97162e+06
1.87363e+06
1.73515e+06
BS3
BS2
BS1-E
BS1-F

mFM103BSsim -- South -- Bottom --FM0008
Entries 5650485
63345
49951
73676
169174
1.20063e+06
1.46752e+06
1.45559e+06
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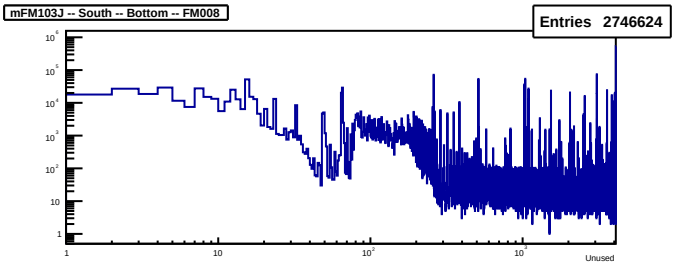
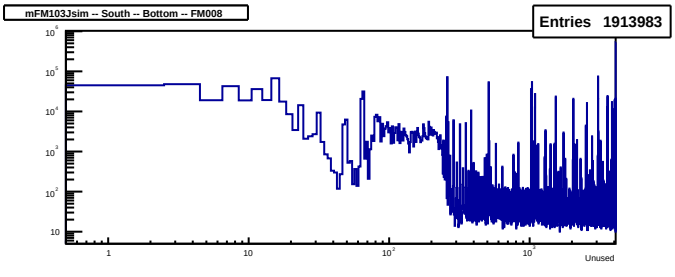
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 2746624
Unused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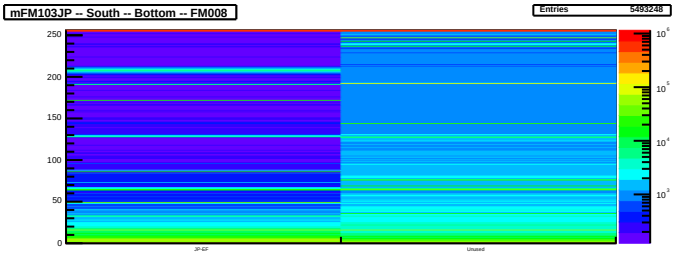
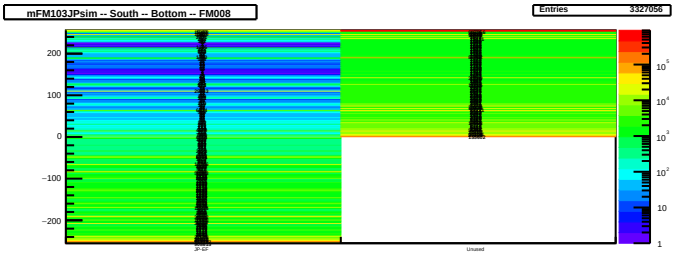
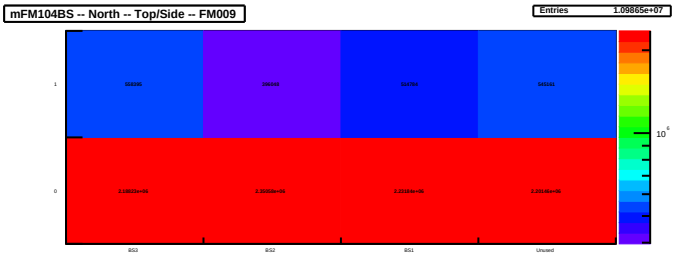
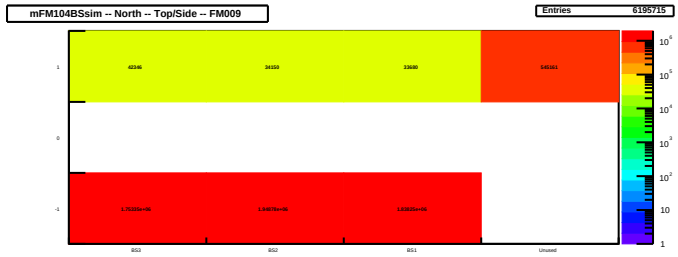
Entries 1913983
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 5493248
JP-E2
Unused


mFM103JPsim -- South -- Bottom -- FM008
Entries 3327056
JP-E2
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 1.09865e+07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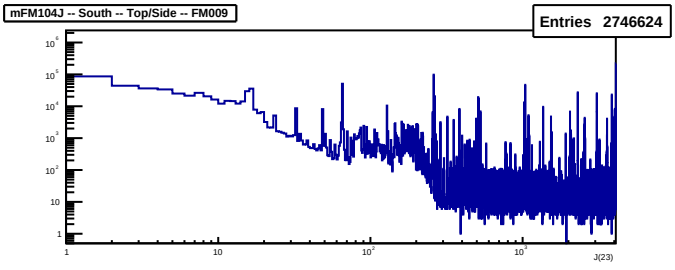
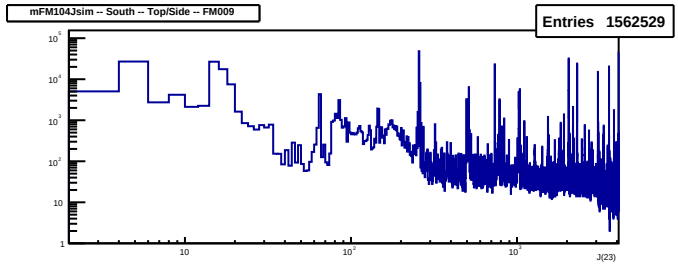
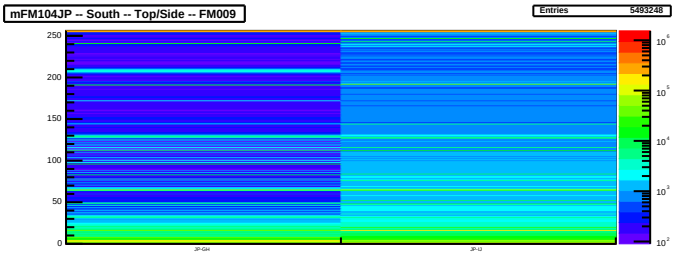
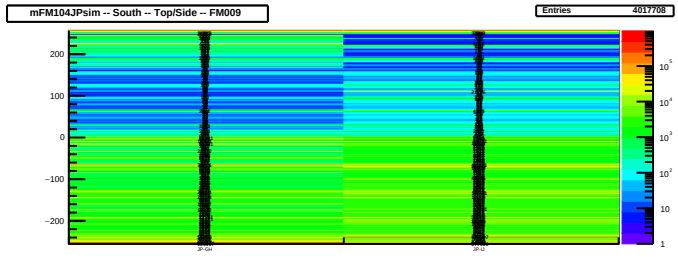
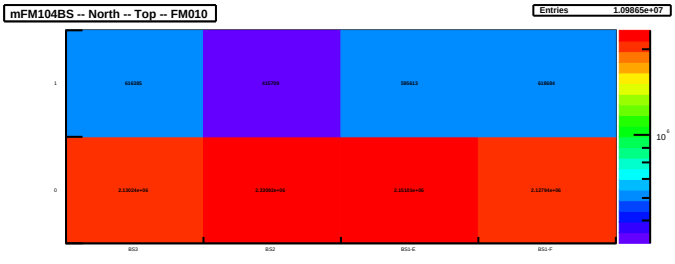
Entries 6195715


mFM104J -- South -- Top/Side -- FM009
Entries 2746624
J(23)

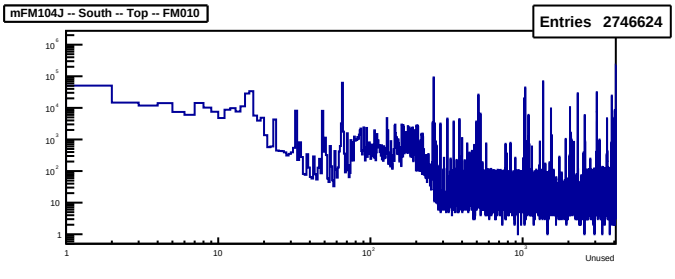

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1562529
J(23)

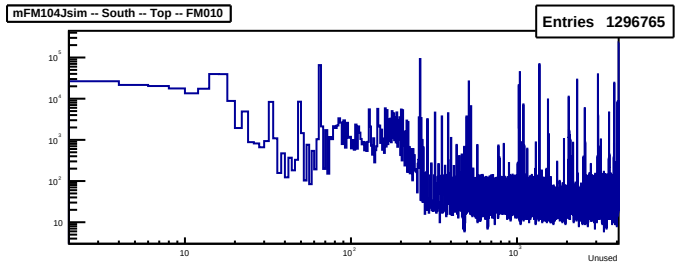

mFM104JP -- South -- Top/Side -- FM009
Entries 5493248

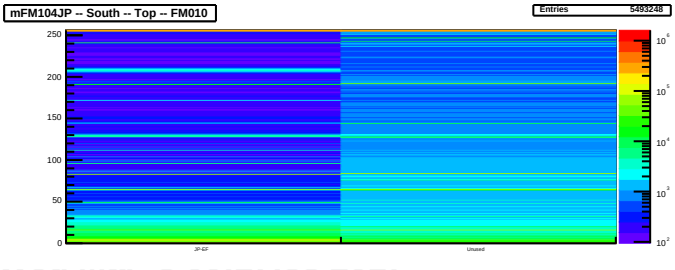

mFM104JPsim -- South -- Top/Side -- FM009
Entries 4017708

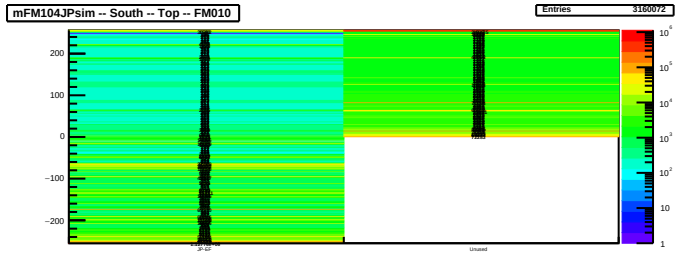

mFM104BS -- North -- Top -- FM010
Entries 1.09865e+07

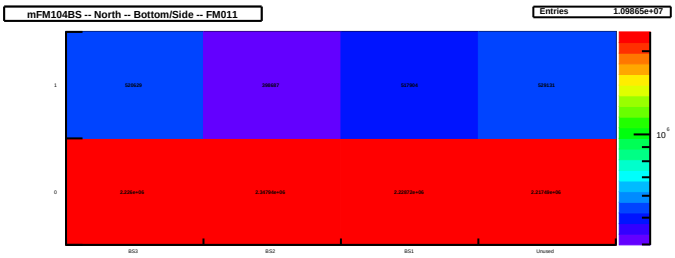
mFM104BSsim -- North -- Top -- FM010
Entries 7111340

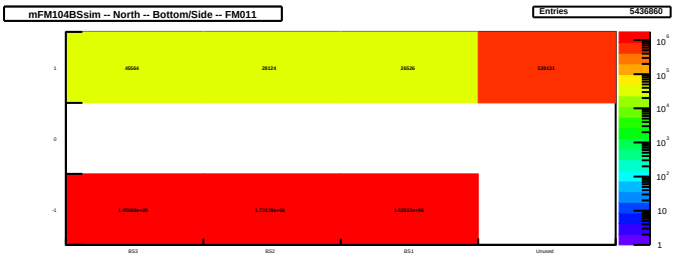

mFM104J -- South -- Top -- FM010
Entries 2746624
Unused

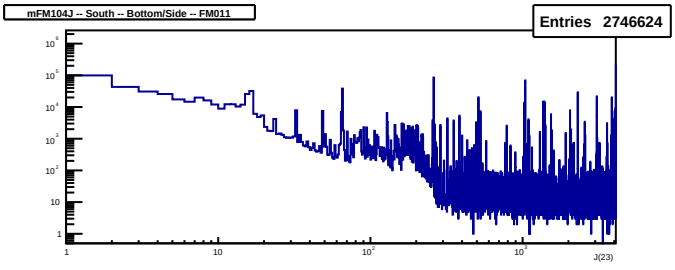

mFM104Jsim -- South -- Top -- FM010
Entries 1296765
Unused

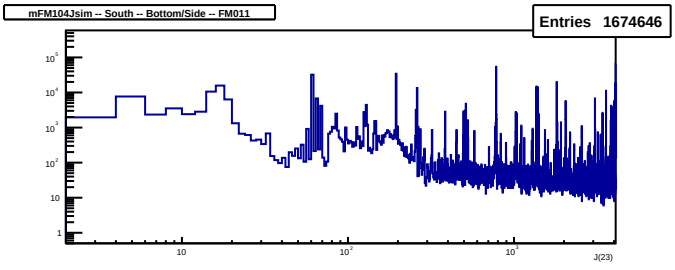

mFM104JP -- South -- Top -- FM010
Entries 5493248

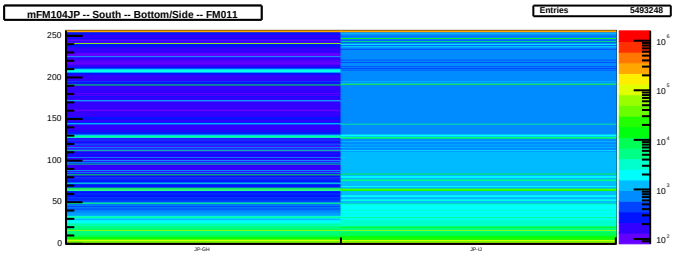

mFM104JPsim -- South -- Top -- FM010
Entries 3160072

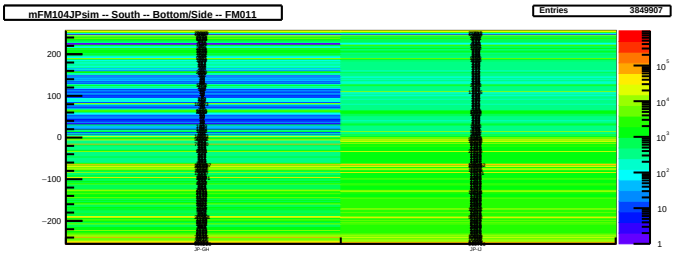

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.09865e+07

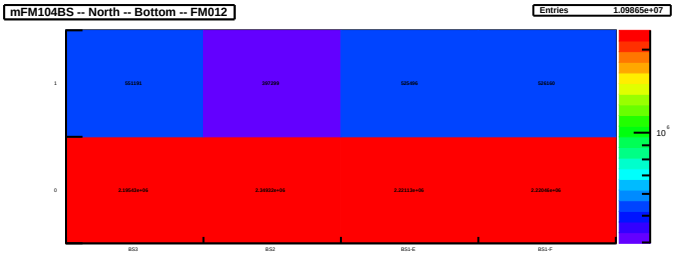

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5436860

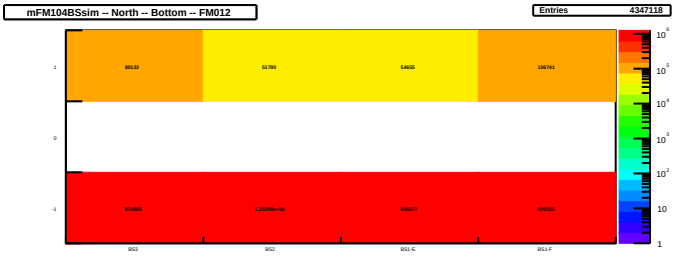

mFM104J -- South -- Bottom/Side -- FM011
Entries 2746624
J(23)

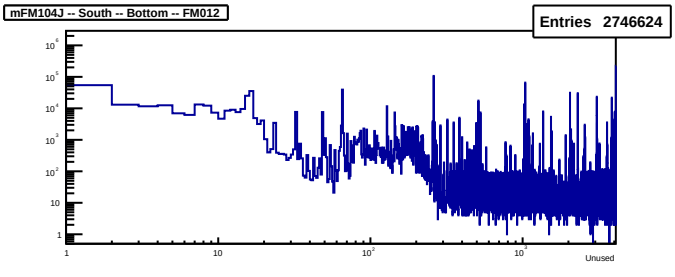

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1674646
J(23)

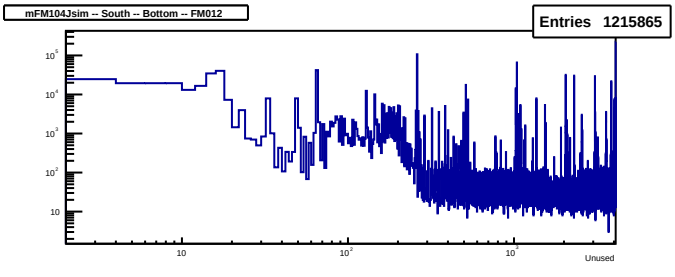

mFM104JP -- South -- Bottom/Side -- FM011
Entries 5493248

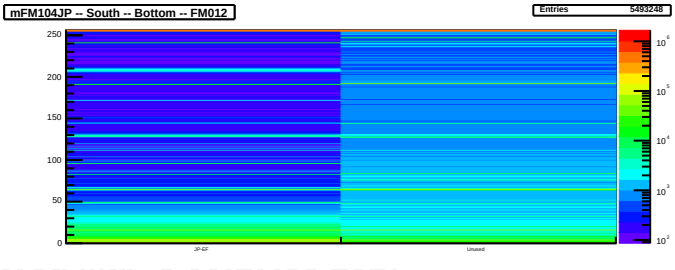

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3849907

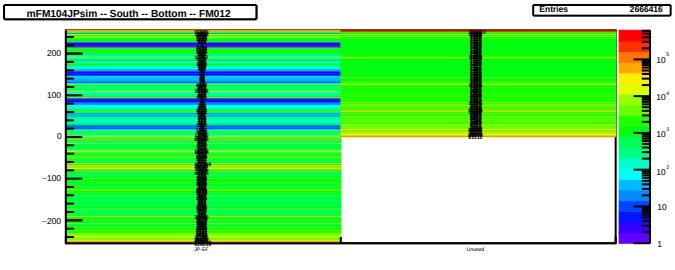

mFM104BS -- North -- Bottom -- FM012
Entries 1.09865e+07

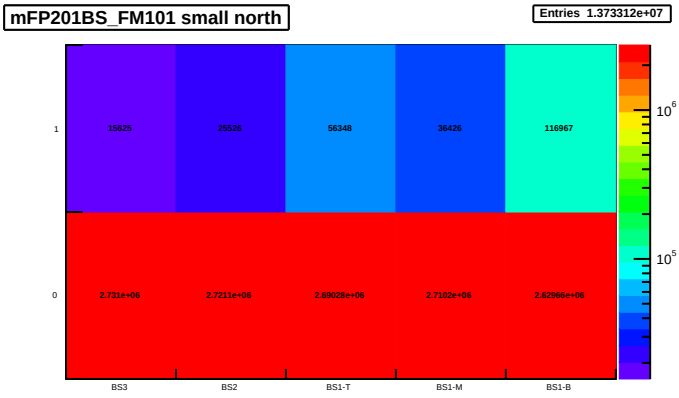

mFM104BSsim -- North -- Bottom -- FM012
Entries 4347118

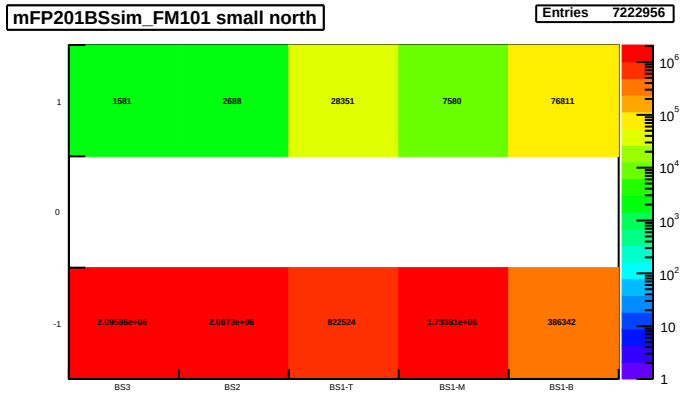

mFM104J -- South -- Bottom -- FM012
Entries 2746624
Unused

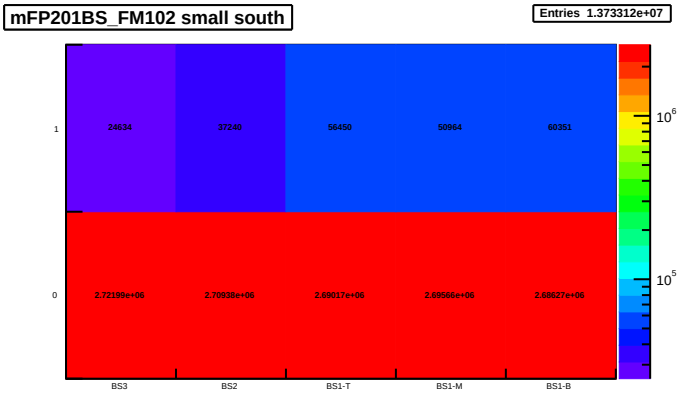

mFM104Jsim -- South -- Bottom -- FM012
Entries 1215865
Unused

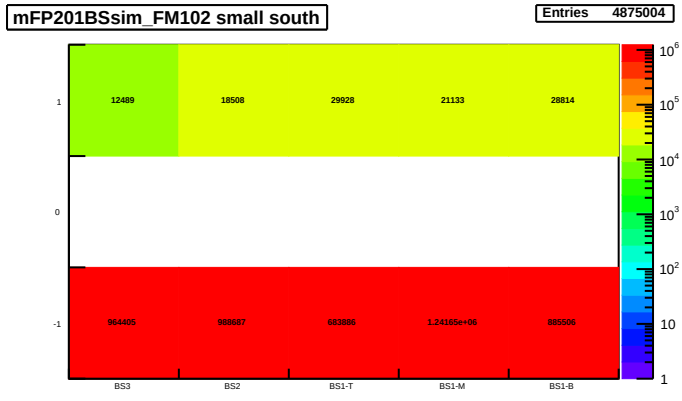

mFM104JP -- South -- Bottom -- FM012
Entries 5493248

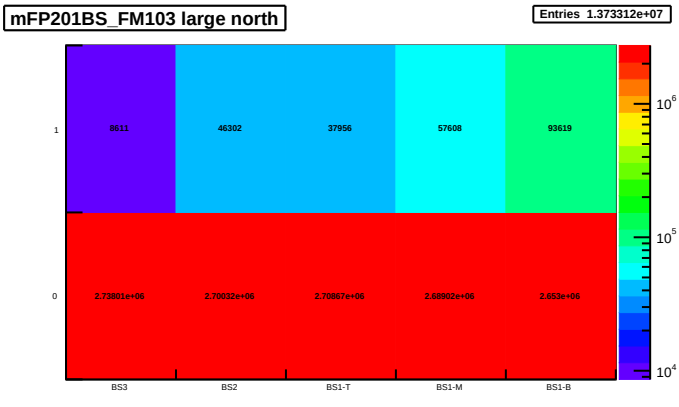

mFM104JPsim -- South -- Bottom -- FM012
Entries 2666416

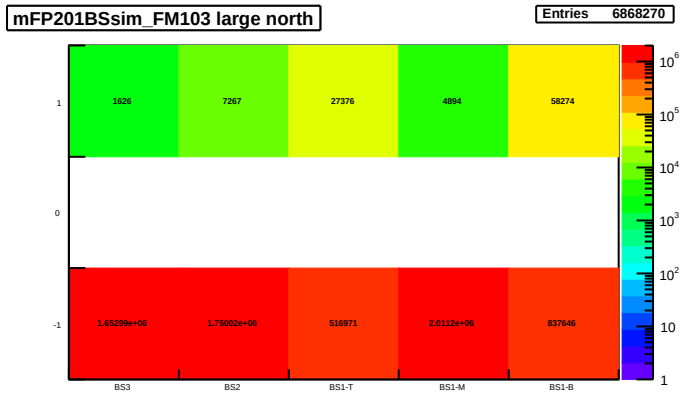

mFP201BS_FM101 small north
Entries 1.373312e+07
15625
25526
56348
36426
116967
2.731e+06
2.7211e+06
2.69028e+06
2.7102e+06
2.62966e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

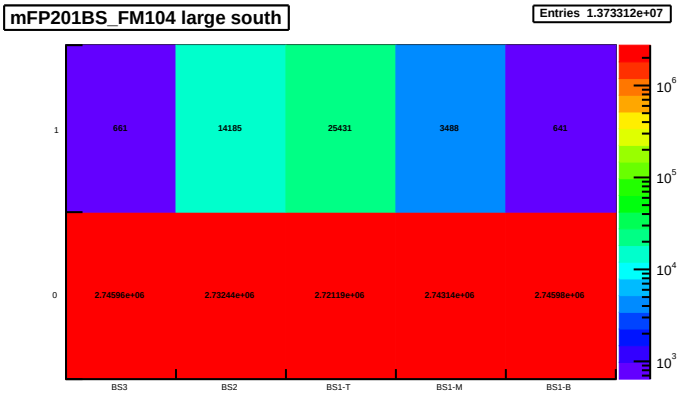

mFP201BSsim_FM101 small north
Entries 7222956
1581
2688
28351
7580
76811
2.09596e+06
2.0673e+06
822524
1.73381e+06
386342
BS3
BS2
BS1-T
BS1-M
BS1-B

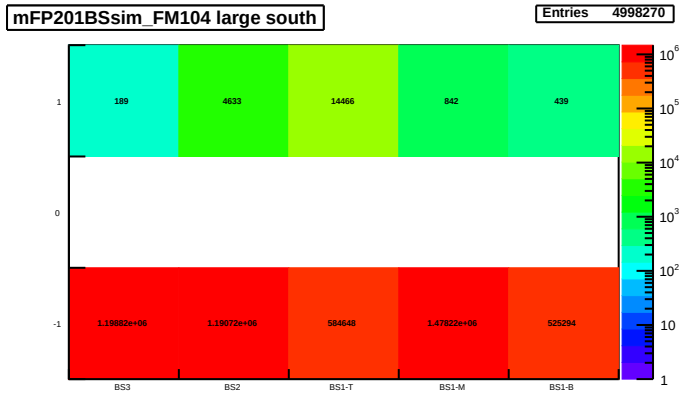

mFP201BS_FM102 small south
Entries 1.373312e+07
24634
37240
56450
50964
60351
2.72199e+06
2.70938e+06
2.69017e+06
2.69566e+06
2.68627e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

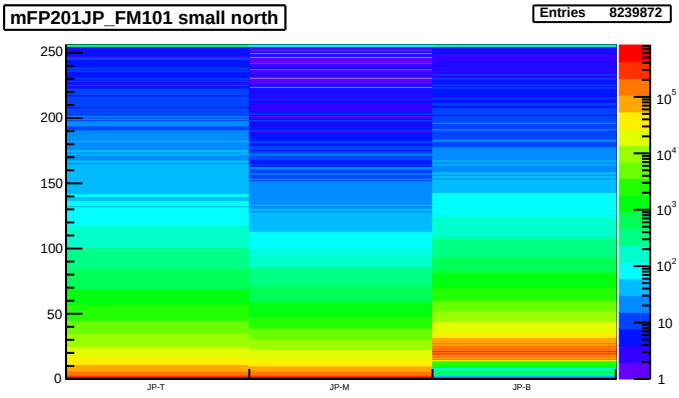

mFP201BSsim_FM102 small south
Entries 4875004
12489
18508
29928
21133
28814
964405
988687
683886
1.24165e+06
885506
BS3
BS2
BS1-T
BS1-M
BS1-B

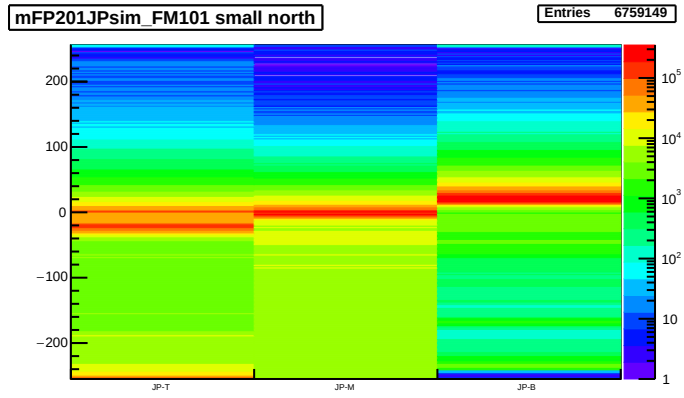

mFP201BS_FM103 large north
Entries 1.373312e+07
8611
46302
37956
57608
93619
2.73801e+06
2.70032e+06
2.70867e+06
2.68902e+06
2.653e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

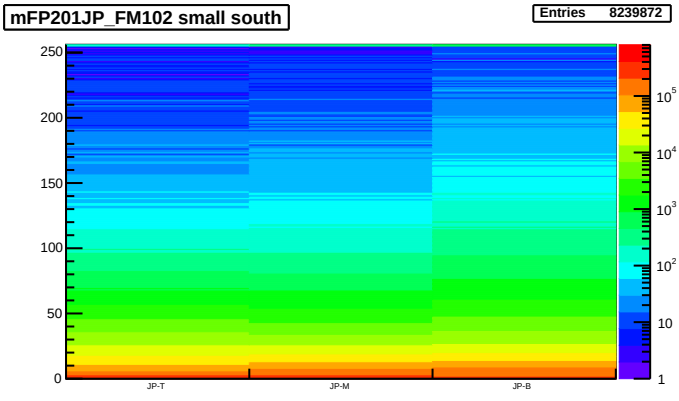

mFP201BSsim_FM103 large north
Entries 6868270
1626
7267
27376
4894
58274
1.65299e+06
1.75002e+06
516971
2.0112e+06
837646
BS3
BS2
BS1-T
BS1-M
BS1-B

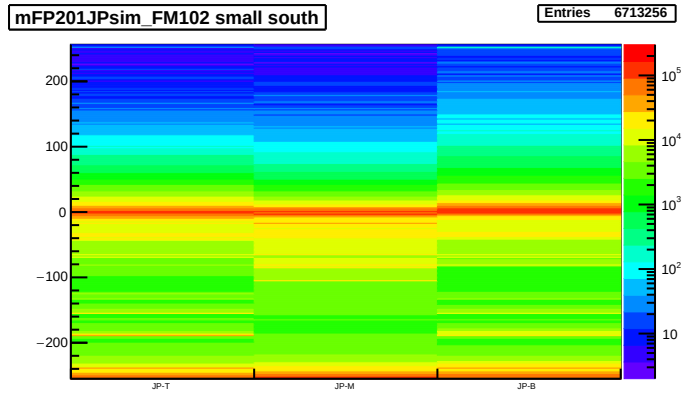

mFP201BS_FM104 large south
Entries 1.373312e+07
661
14185
25431
3488
641
2.74596e+06
2.73244e+06
2.72119e+06
2.74314e+06
2.74598e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

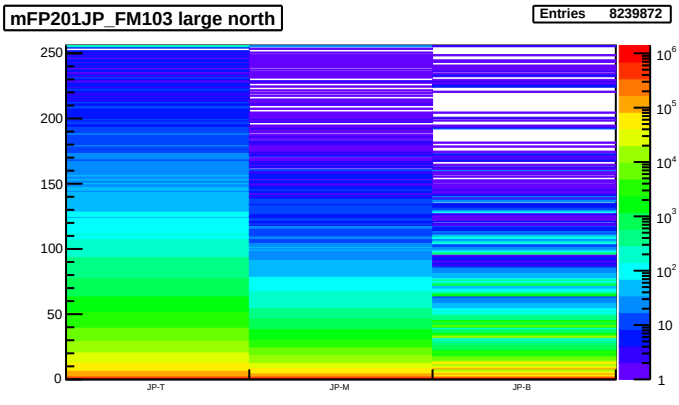

mFP201BSsim_FM104 large south
Entries 4998270
189
4633
14466
842
439
1.19882e+06
1.19072e+06
584648
1.47822e+06
525294
BS3
BS2
BS1-T
BS1-M
BS1-B

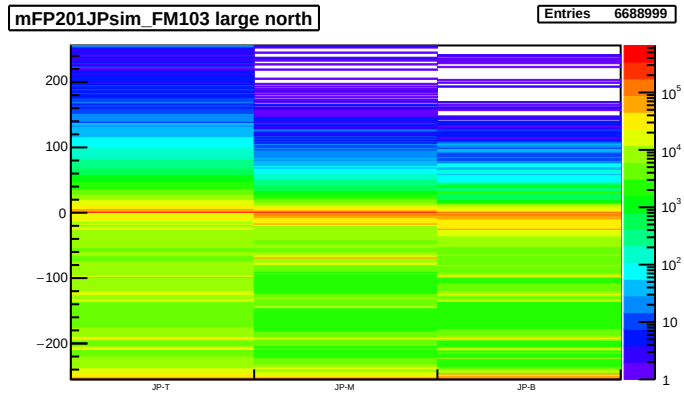

mFP201JP_FM101 small north
Entries 8239872
JP-T
JP-M
JP-B

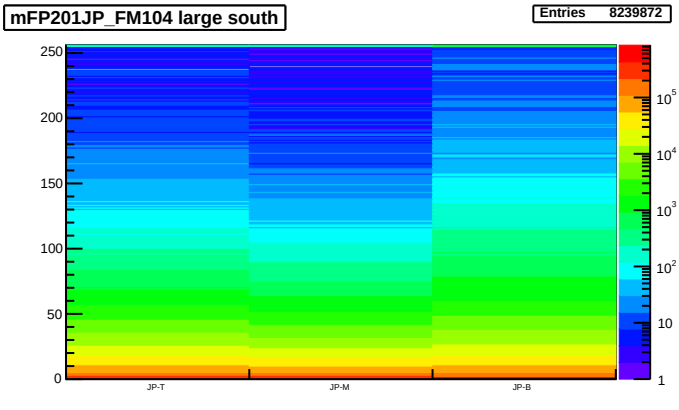

mFP201JPsim_FM101 small north
Entries 6759149
JP-T
JP-M
JP-B

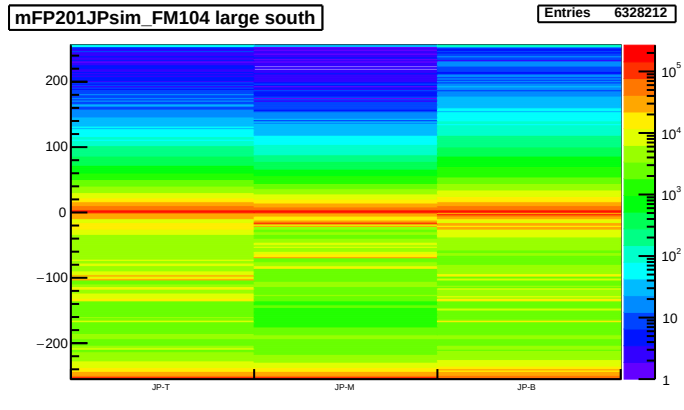

mFP201JP_FM102 small south
Entries 8239872
JP-T
JP-M
JP-B

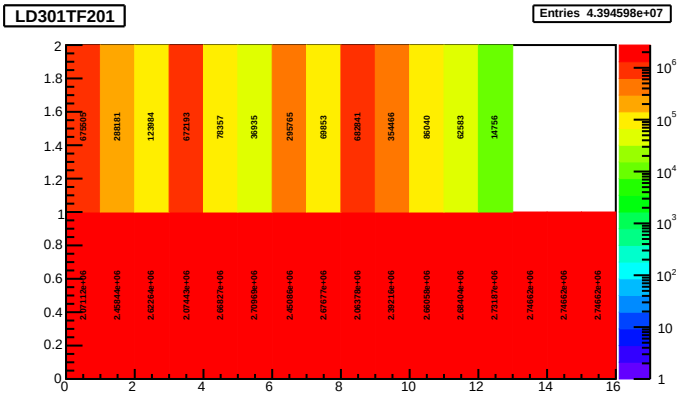

mFP201JPsim_FM102 small south
Entries 6713256
JP-T
JP-M
JP-B

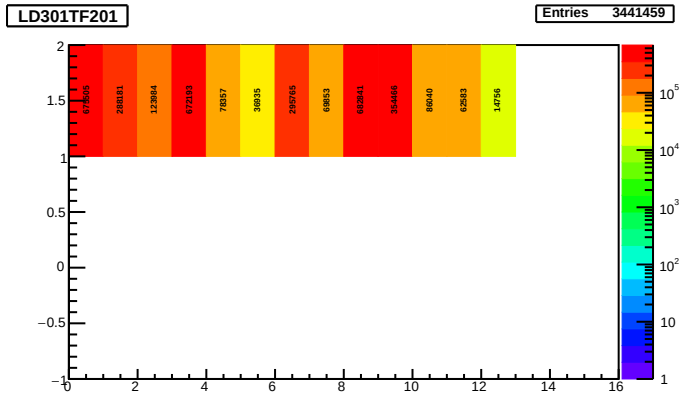

mFP201JP_FM103 large north
Entries 8239872
JP-T
JP-M
JP-B

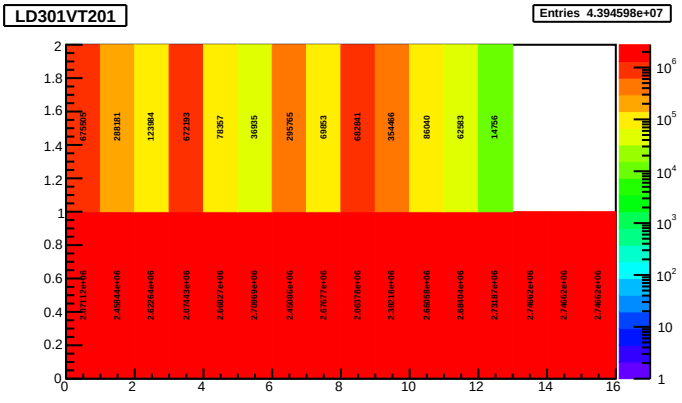

mFP201JPsim_FM103 large north
Entries 6688999
JP-T
JP-M
JP-B

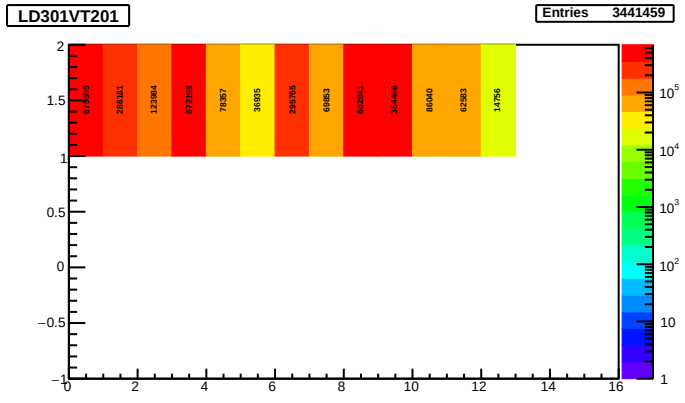

mFP201JP_FM104 large south
Entries 8239872
JP-T
JP-M
JP-B

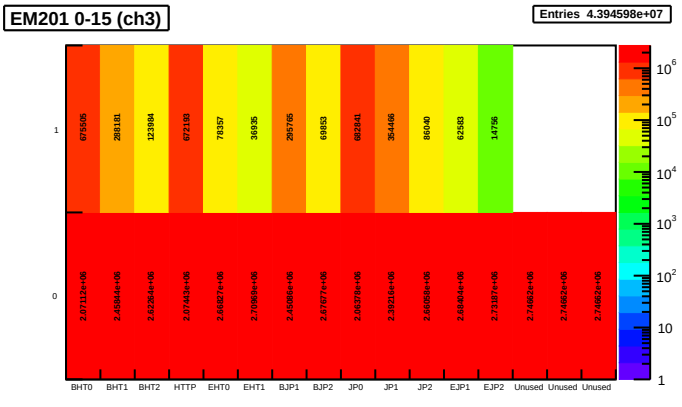

mFP201JPsim_FM104 large south
Entries 6328212
JP-T
JP-M
JP-B

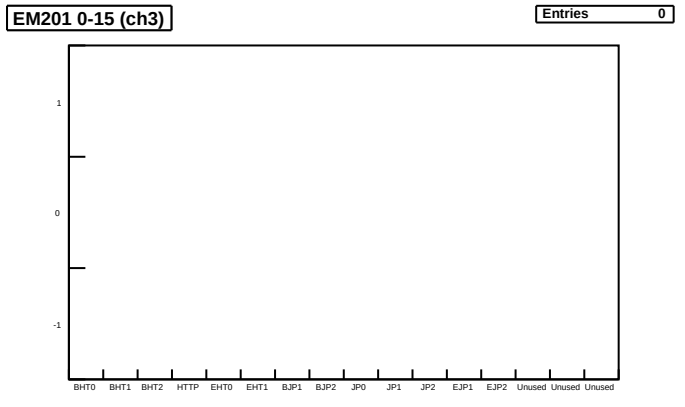

LD301TF201
Entries 4.394598e+07

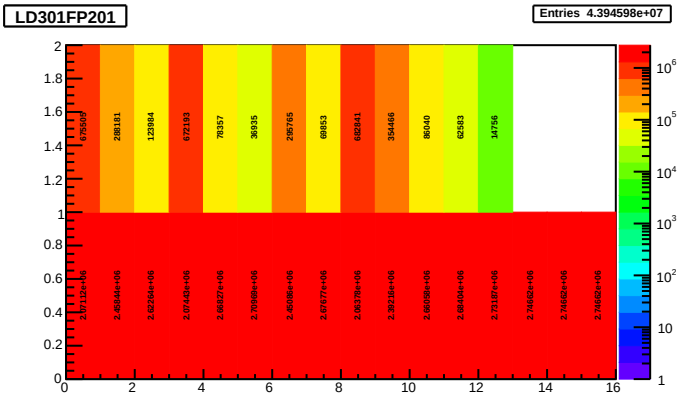

LD301TF201
Entries 3441459

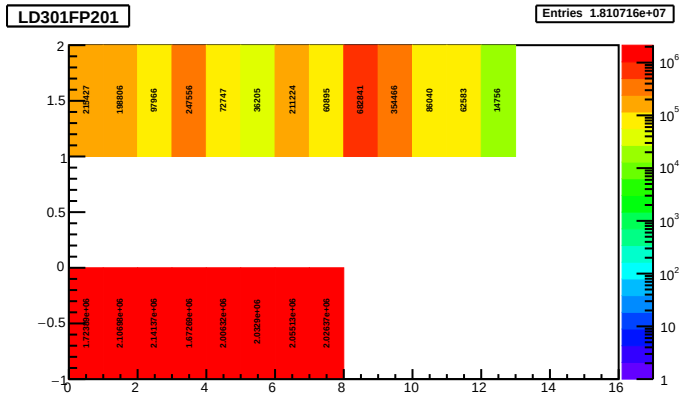

LD301VT201
Entries 4.394598e+07


LD301VT201
Entries 3441459


EM201 0-15 (ch3)
Entries 4.394598e+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 4.394598e+07


LD301FP201
Entries 1.810716e+07