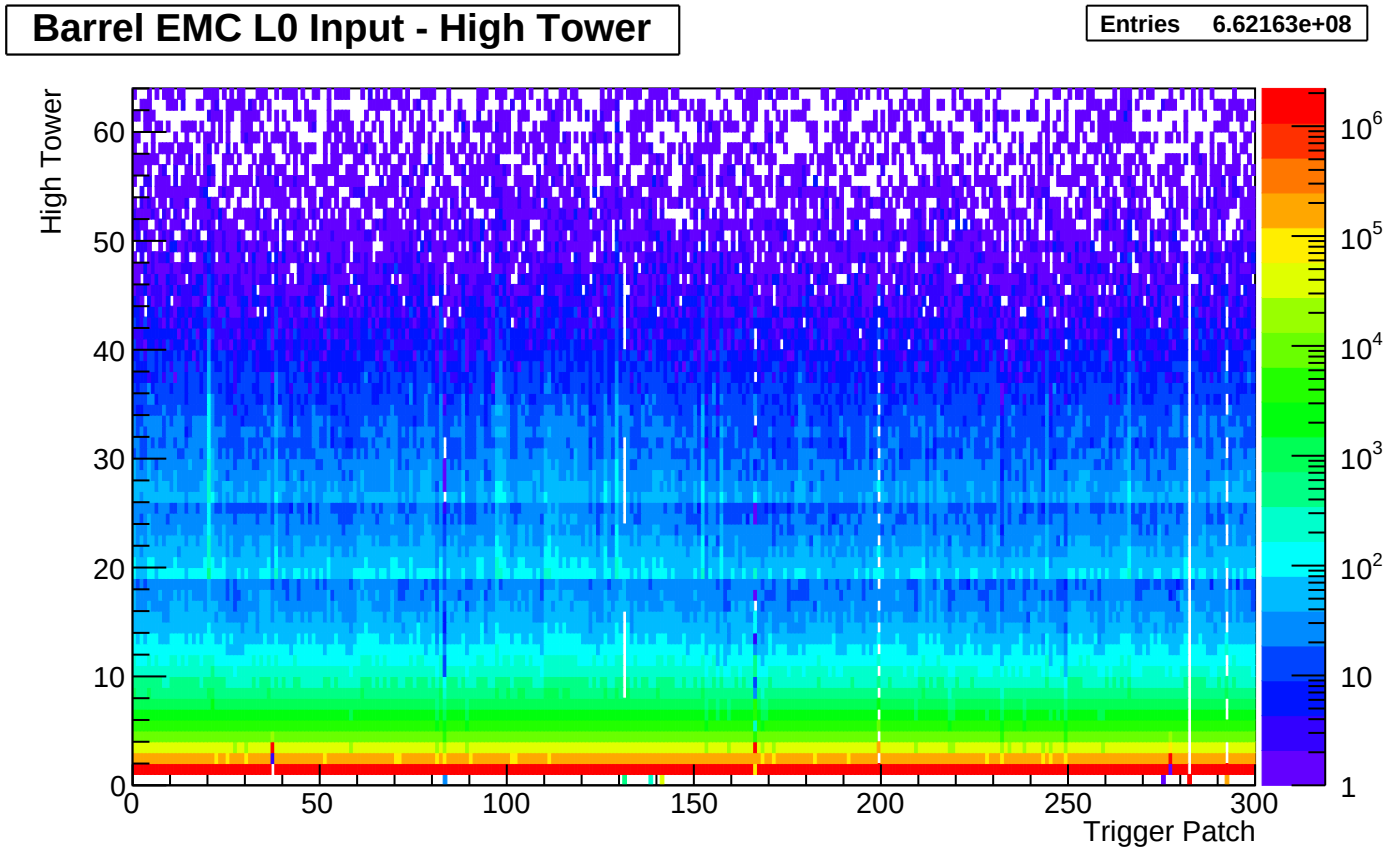
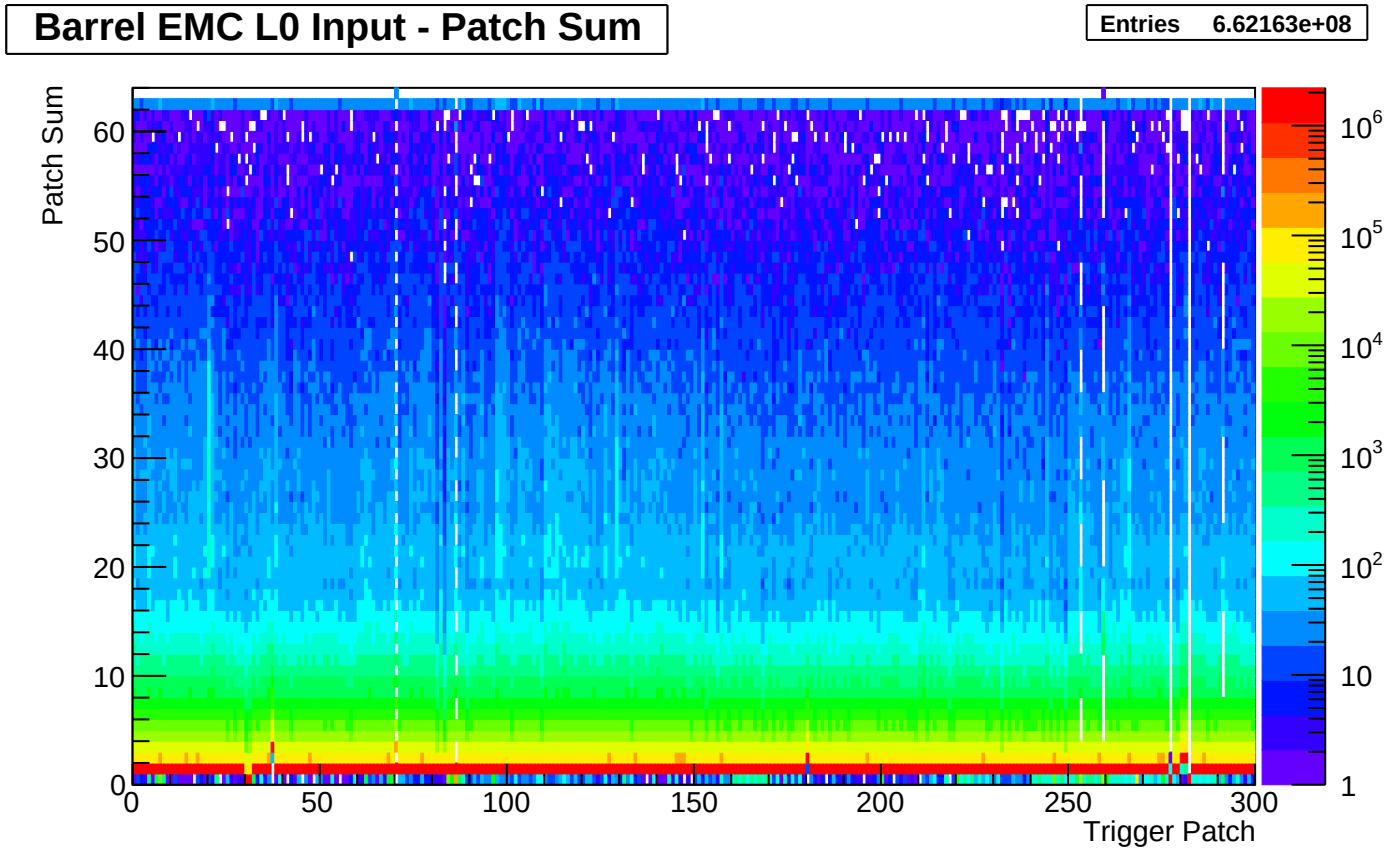
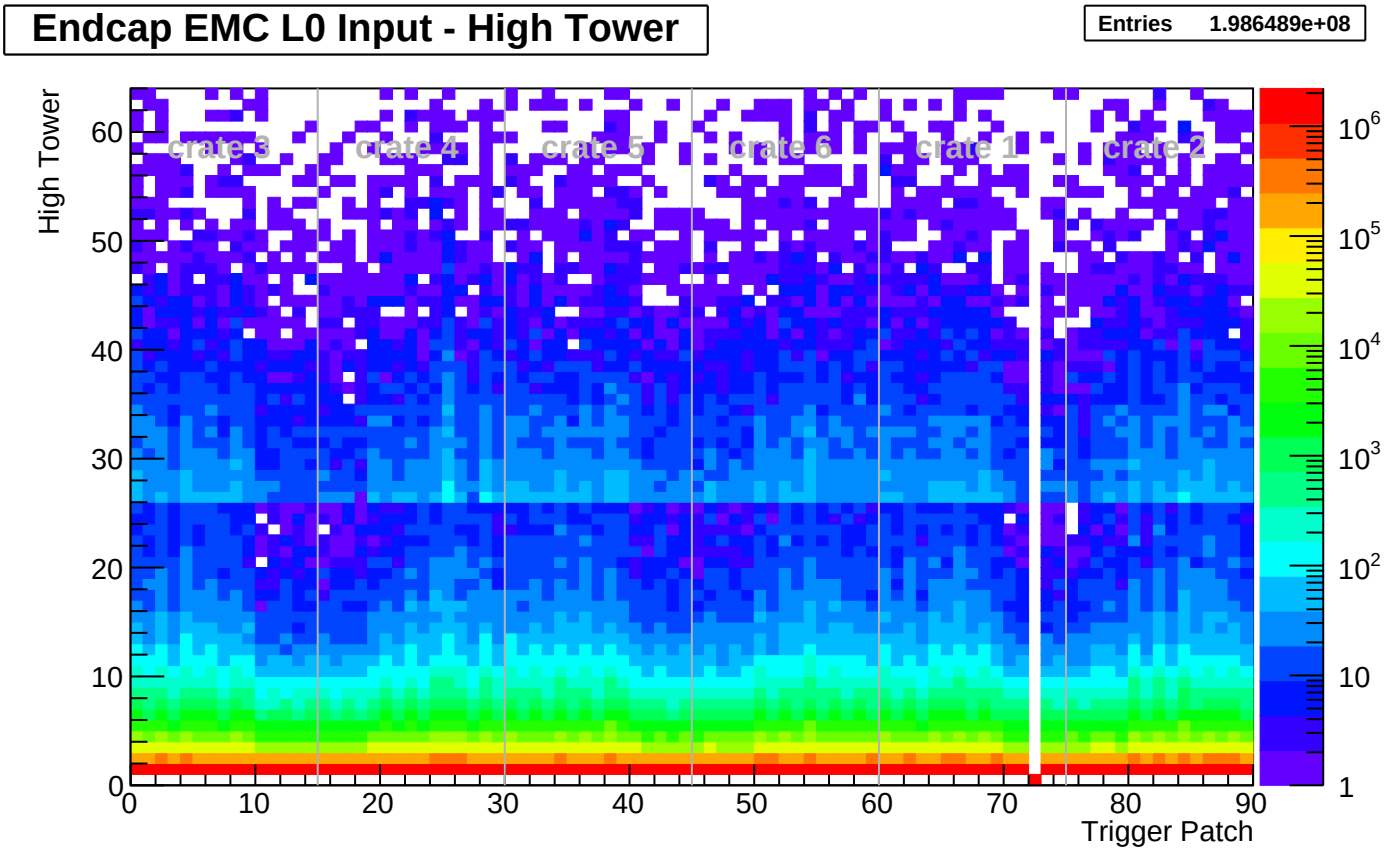
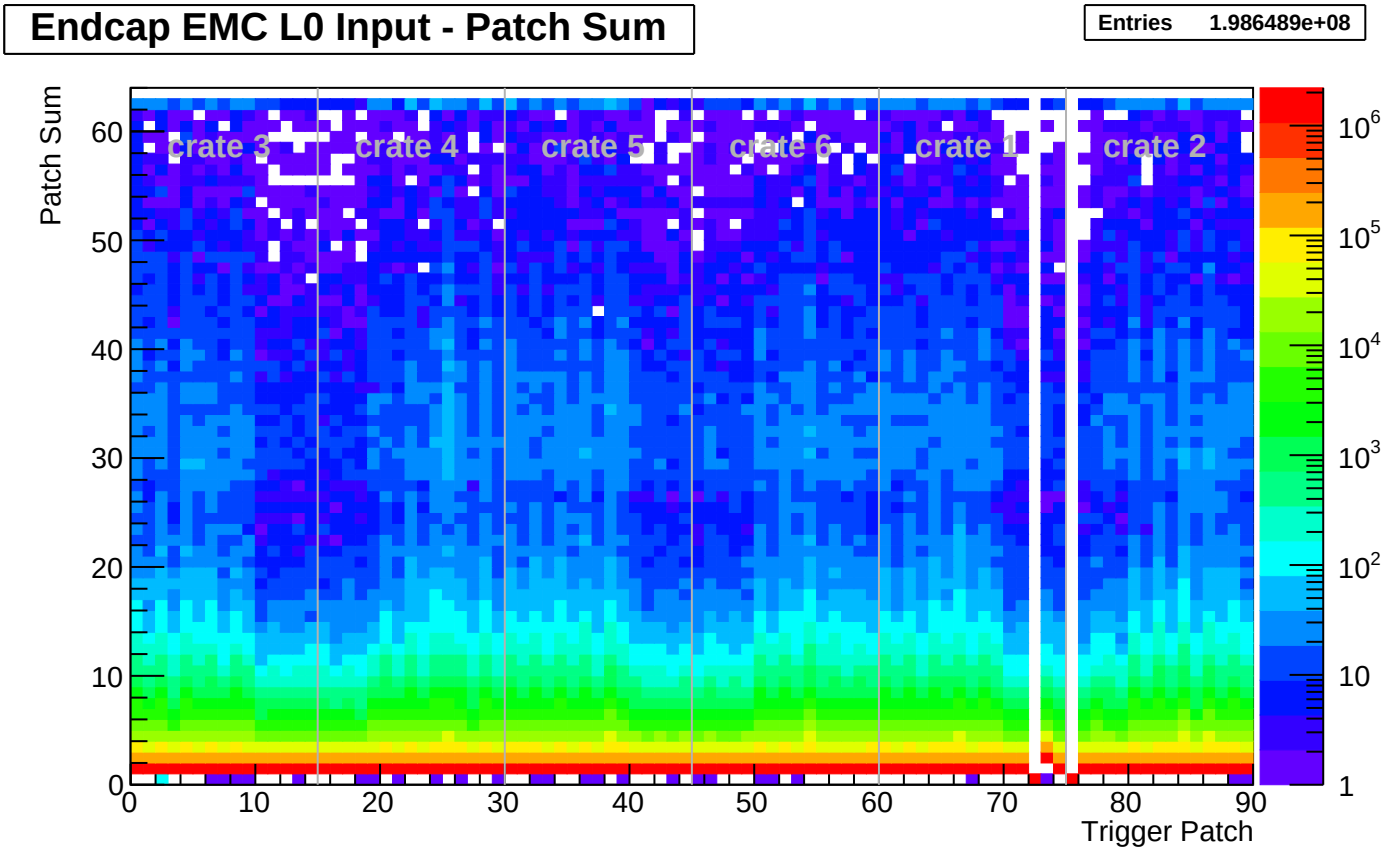
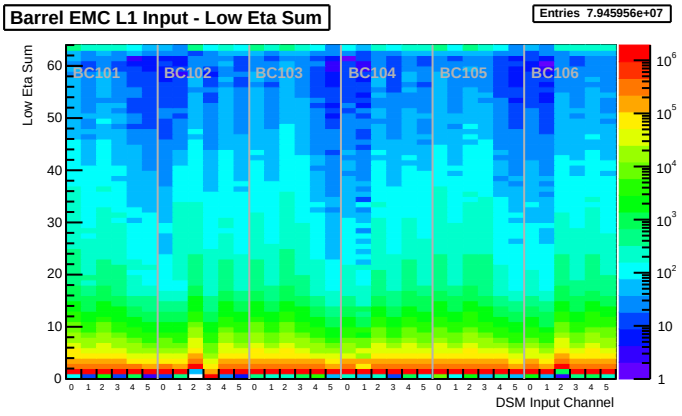
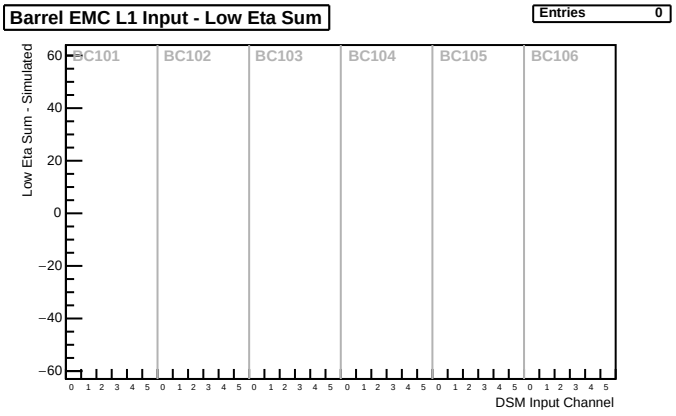

Barrel EMC L0 Input - High Tower
Entries 6.62163e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

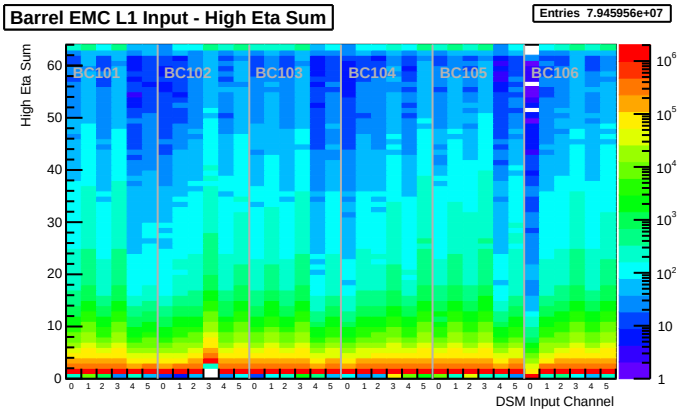

Barrel EMC L0 Input - Patch Sum
Entries 6.62163e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

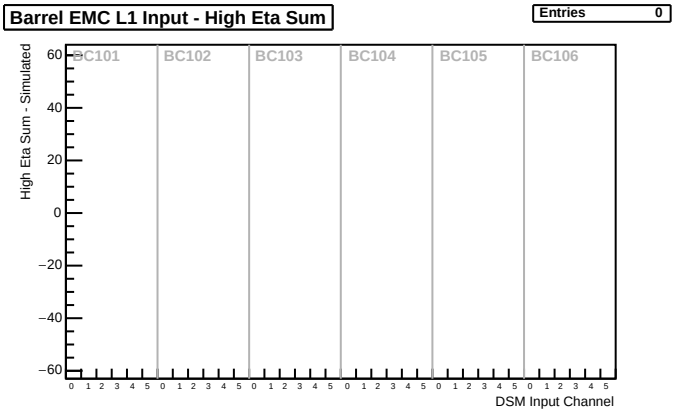

Endcap EMC L0 Input - High Tower
Entries 1.986489e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

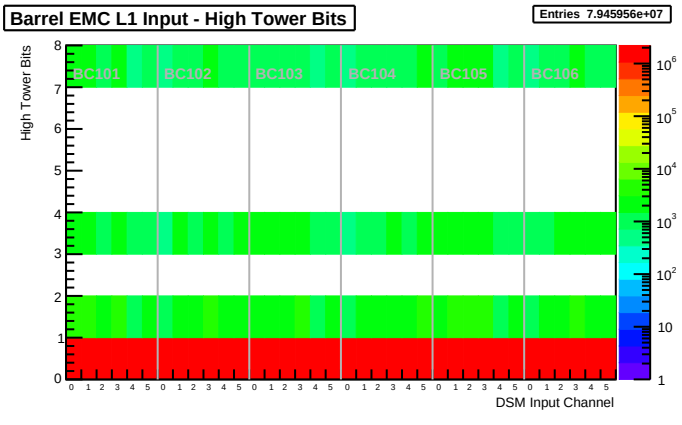

Endcap EMC L0 Input - Patch Sum
Entries 1.986489e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

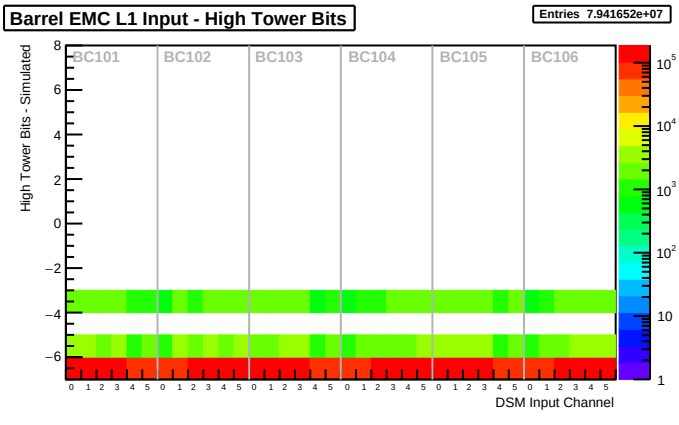

Barrel EMC L1 Input - Low Eta Sum
Entries 7.945956e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

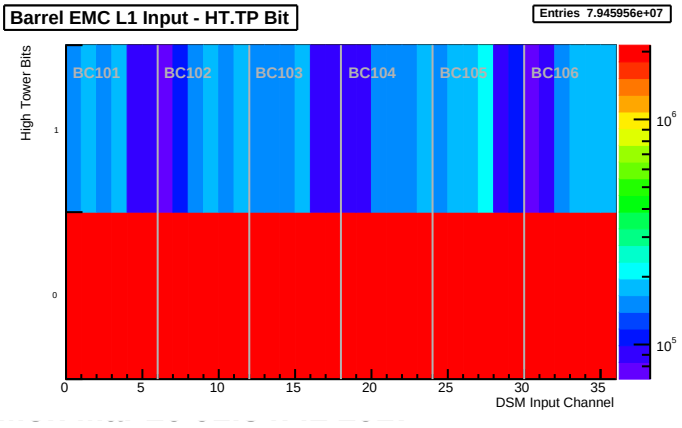

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

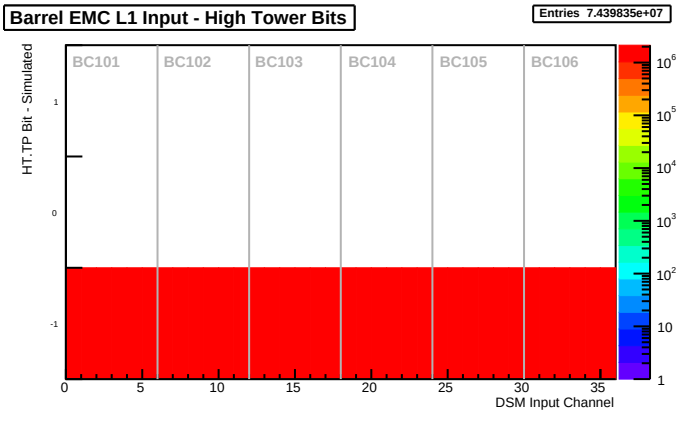

Barrel EMC L1 Input - High Eta Sum
Entries 7.945956e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

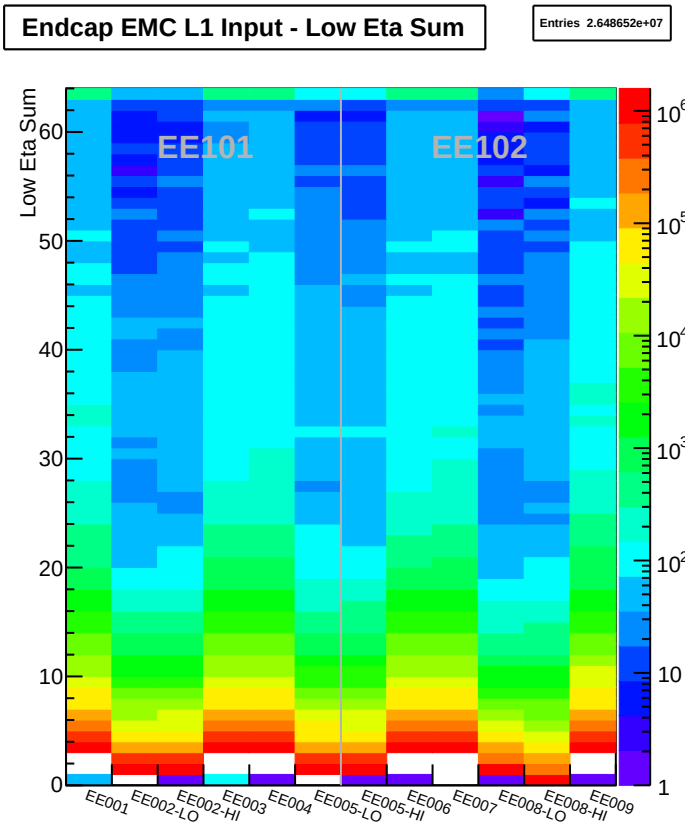

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

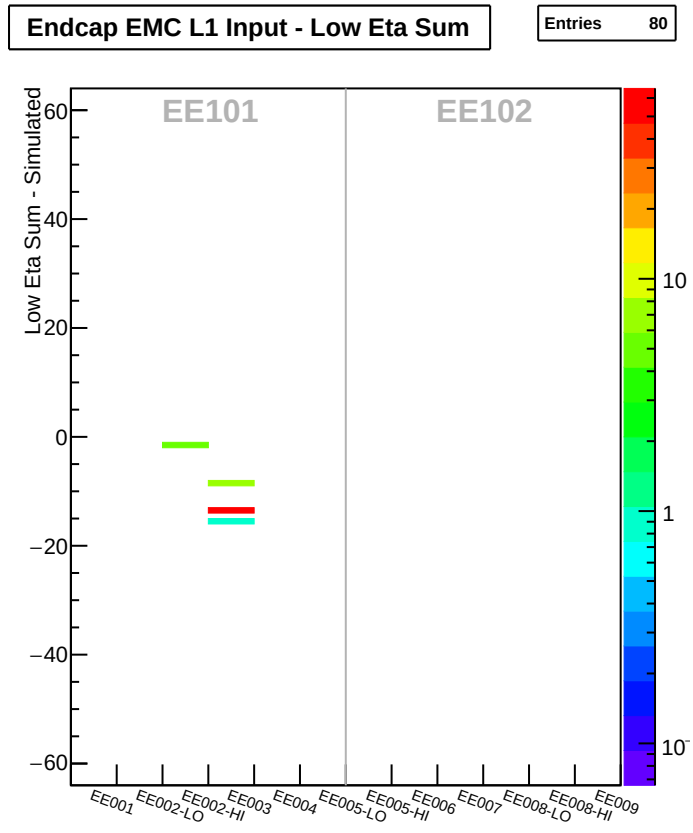

Barrel EMC L1 Input - High Tower Bits
Entries 7.945956e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

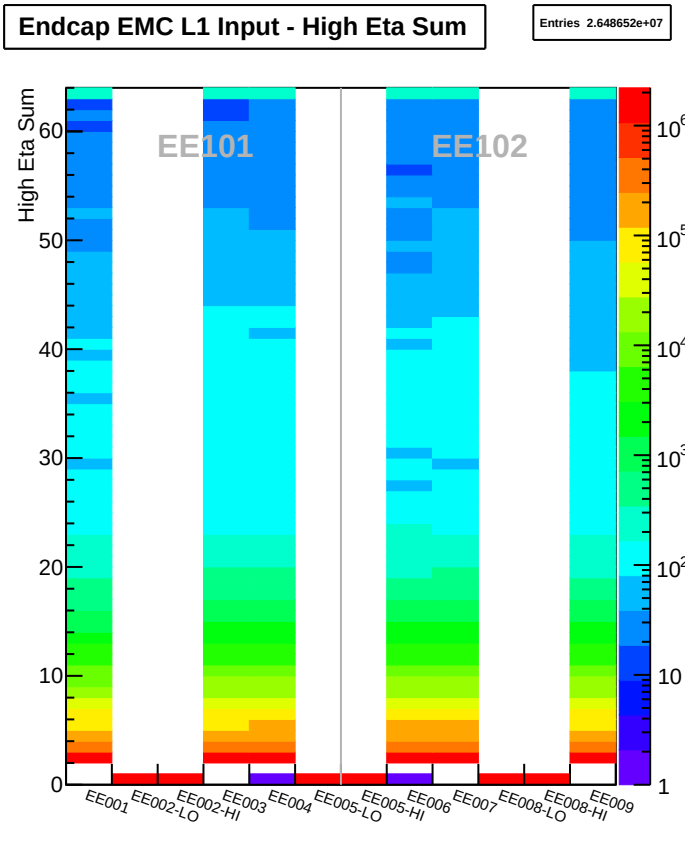

Barrel EMC L1 Input - High Tower Bits
Entries 7.941652e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

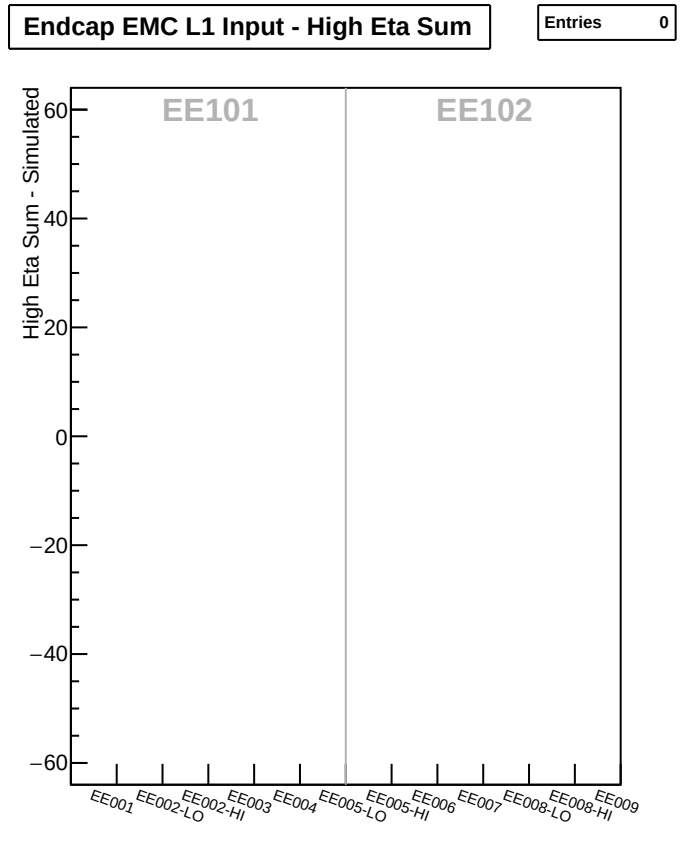

Barrel EMC L1 Input - HT.TP Bit
Entries 7.945956e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

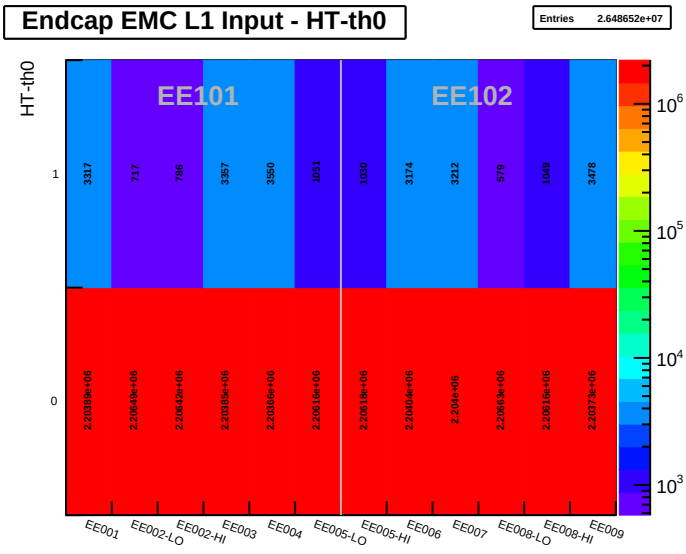

Barrel EMC L1 Input - High Tower Bits
Entries 7.439835e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

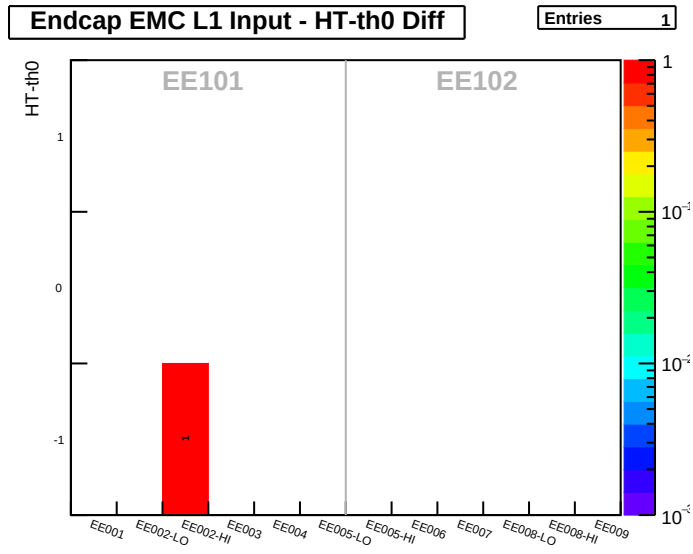

Endcap EMC L1 Input - Low Eta Sum
Entries 2.648652e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

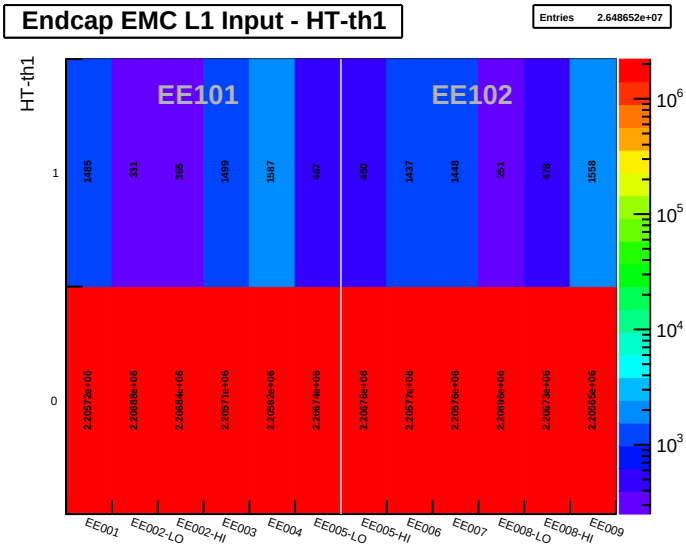

Endcap EMC L1 Input - Low Eta Sum
Entries 80
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

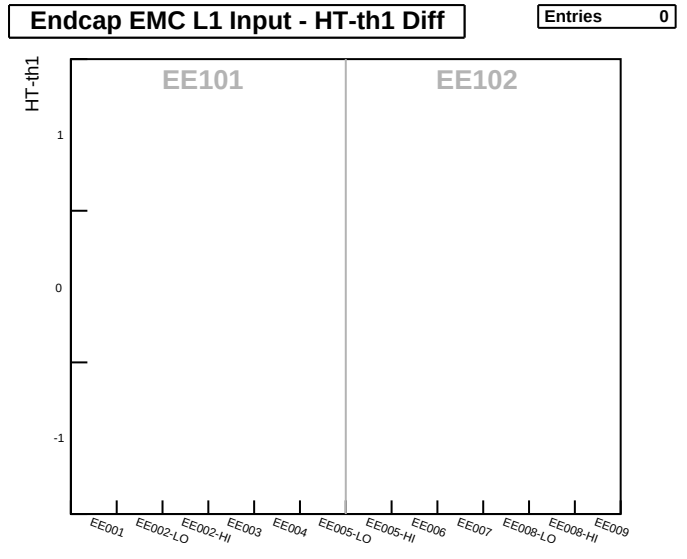

Endcap EMC L1 Input - High Eta Sum
Entries 2.648652e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

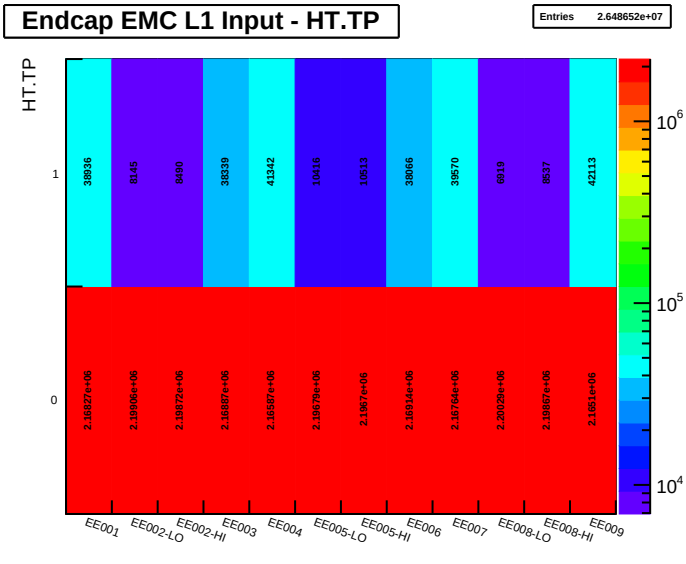

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

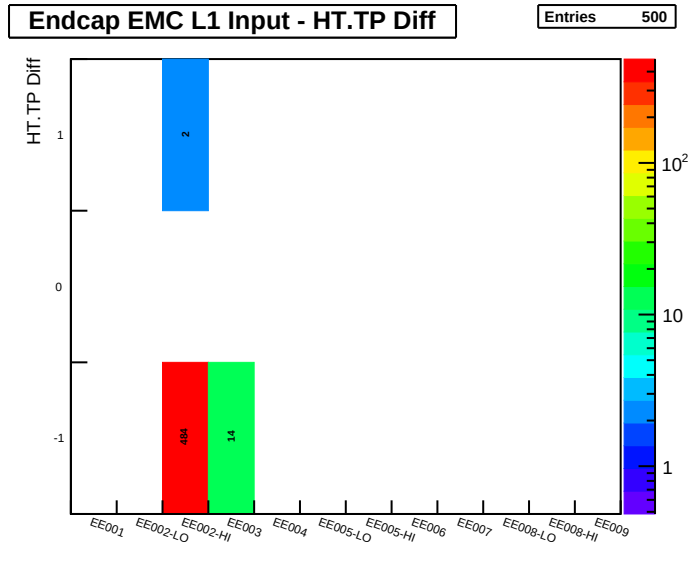

Endcap EMC L1 Input - HT-th0
Entries 2.648652e+07
HT-th0
EE101
EE102
1
0
3317 717 786 3357 3550 1051 1030 3174 3212 579 1049 3478
2.20389e+06 2.20649e+06 2.20642e+06 2.20395e+06 2.20366e+06 2.20616e+06 2.20618e+06 2.20404e+06 2.204e+06 2.20663e+06 2.20616e+06 2.20373e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4 10^3

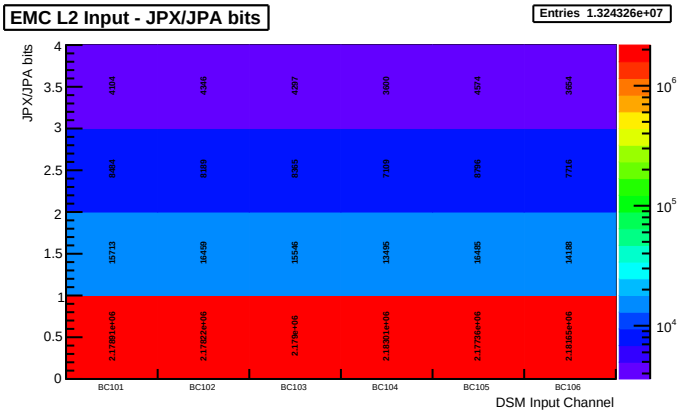

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
HT-th0
EE101
EE102
1
0
-1
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
1

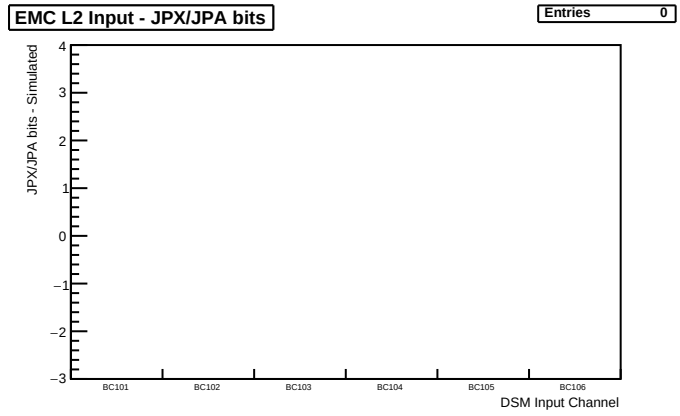

Endcap EMC L1 Input - HT-th1
Entries 2.648652e+07
HT-th1
EE101
EE102
1
0
1485 331 366 1499 1587 467 450 1437 1448 251 478 1558
2.20572e+06 2.20589e+06 2.20584e+06 2.20571e+06 2.20562e+06 2.20574e+06 2.20576e+06 2.20577e+06 2.20575e+06 2.20596e+06 2.20573e+06 2.20565e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4 10^3

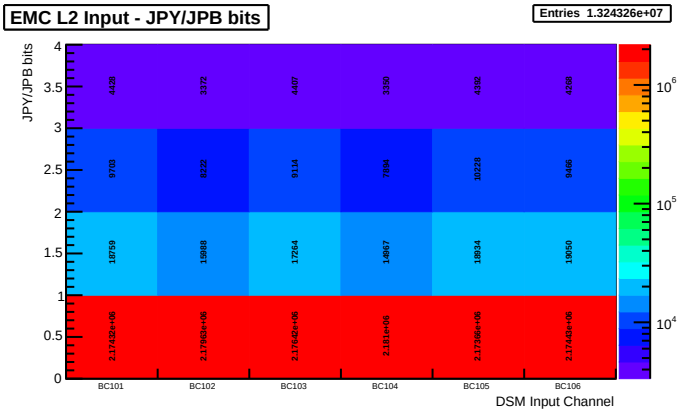

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

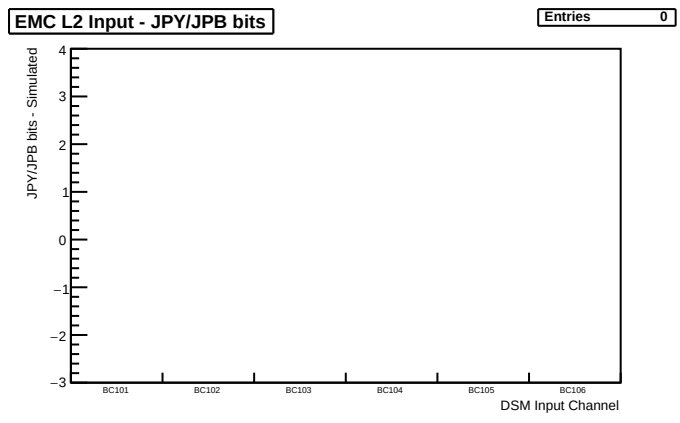

Endcap EMC L1 Input - HT.TP
Entries 2.648652e+07
HT.TP
1
0
38936 8145 8490 38339 41342 10416 10513 38066 39570 8919 8537 42113
2.16827e+06 2.19906e+06 2.19872e+06 2.16887e+06 2.16587e+06 2.19679e+06 2.1967e+06 2.16914e+06 2.19764e+06 2.20029e+06 2.19887e+06 2.1651e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4

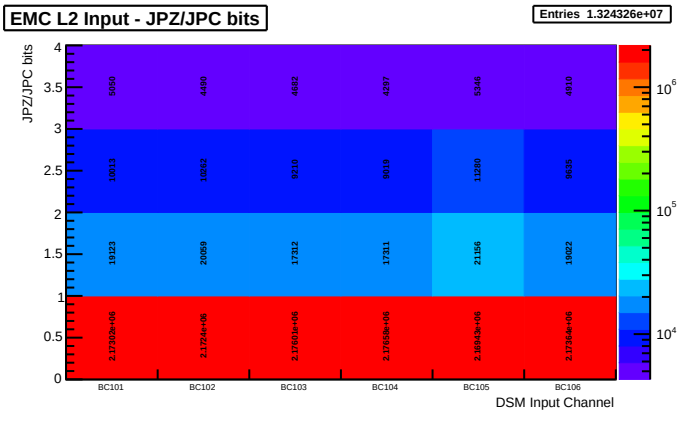

Endcap EMC L1 Input - HT.TP Diff
Entries 500
HT.TP Diff
1
0
-1
2
484
14
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^2 10 1

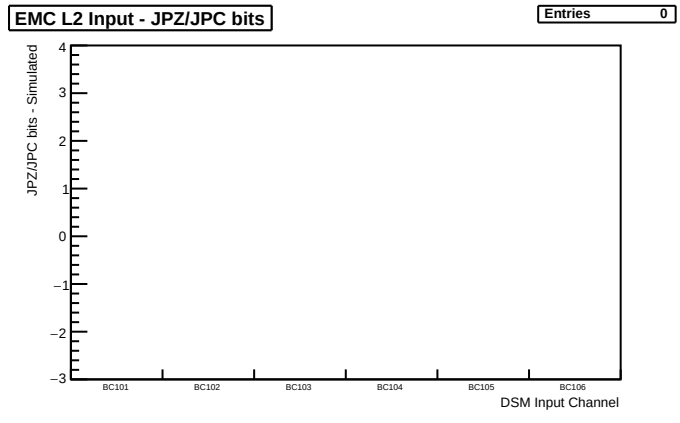

EMC L2 Input - JPX/JPA bits
Entries 1.324326e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
4104
4346
4297
3900
4574
3864
8484
8189
8355
7199
8798
7716
15713
16459
15946
13495
16485
14188
2.17851e+06
2.17852e+06
2.179e+06
2.18301e+06
2.17734e+06
2.18165e+06

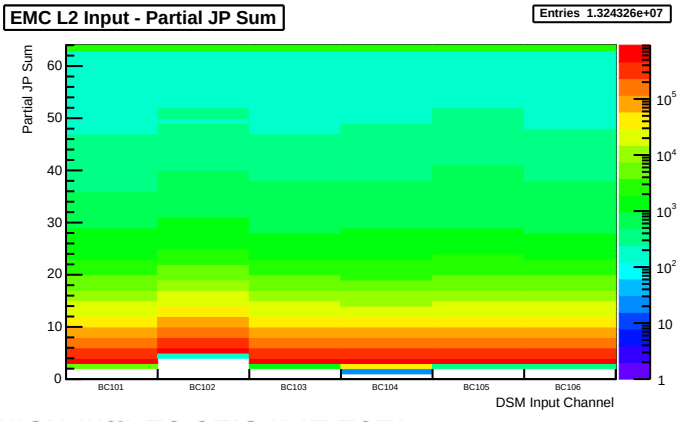

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

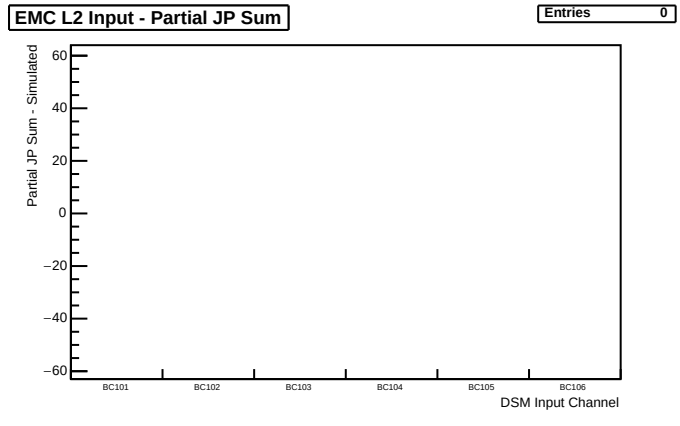

EMC L2 Input - JPY/JPB bits
Entries 1.324326e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
4428
3372
4407
3350
4392
4268
9703
8222
9114
7894
10228
9466
18759
15988
17264
14967
18934
18950
2.17432e+06
2.17903e+06
2.17942e+06
2.1816e+06
2.17386e+06
2.17443e+06

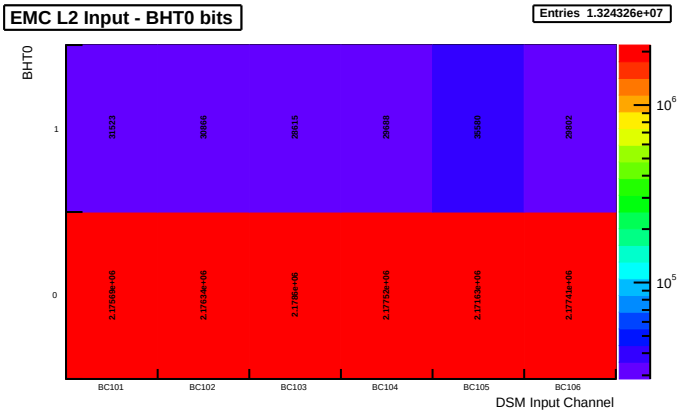

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

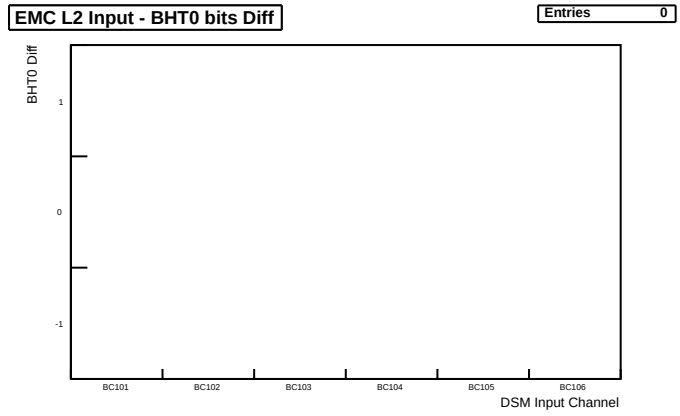

EMC L2 Input - JPZ/JPC bits
Entries 1.324326e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
5050
4490
4682
4297
5346
4910
10013
10262
9210
9019
11280
9635
19123
20069
17312
17311
21156
19022
2.17532e+06
2.1724e+06
2.17601e+06
2.17659e+06
2.16943e+06
2.17354e+06

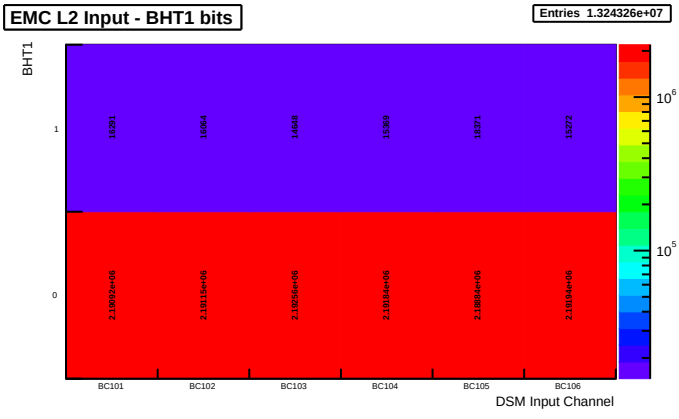

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

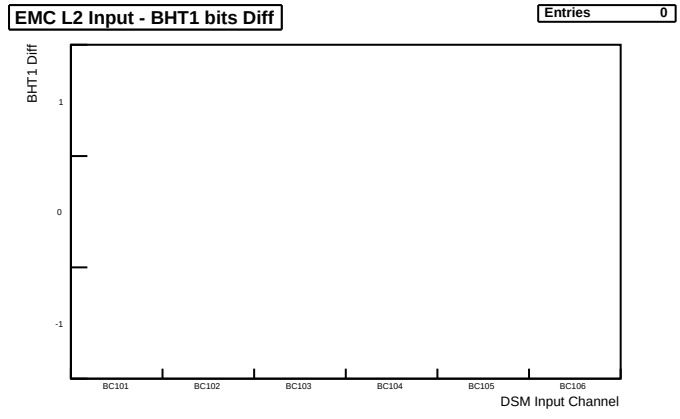

EMC L2 Input - Partial JP Sum
Entries 1.324326e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

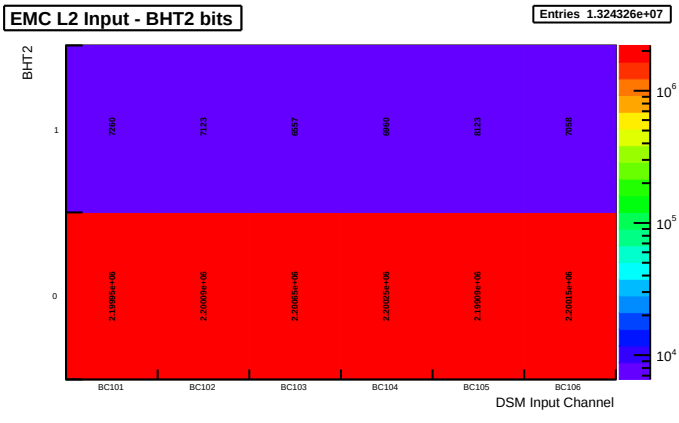

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

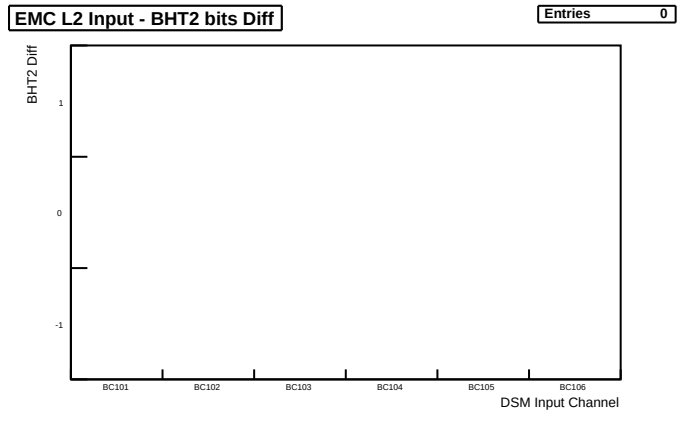

EMC L2 Input - BHT0 bits
Entries 1.324326e+07
BHT0
1
0
31523
30866
28615
29688
35530
29802
2.17569e+06
2.17034e+06
2.17884e+06
2.17752e+06
2.17163e+06
2.17741e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

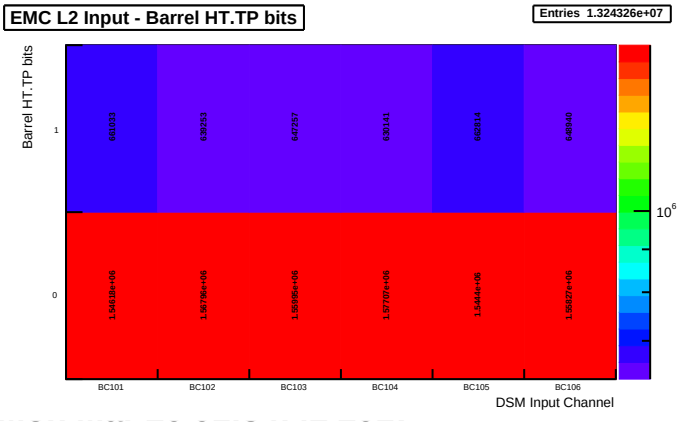

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

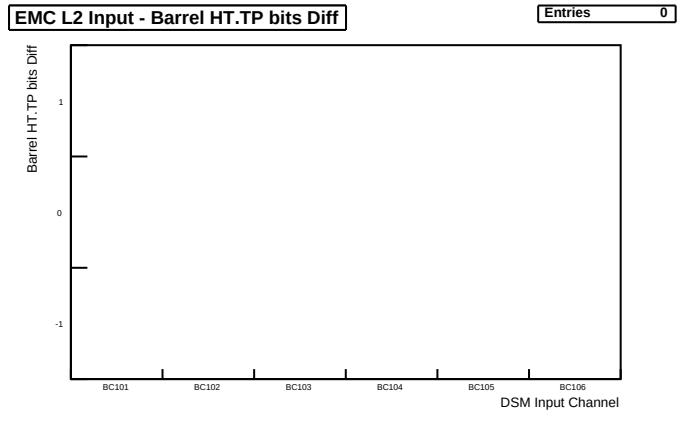

EMC L2 Input - BHT1 bits
Entries 1.324326e+07
BHT1
1
0
15251
16064
14648
15389
18371
15272
2.19092e+06
2.19115e+06
2.19256e+06
2.19184e+06
2.18884e+06
2.19104e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

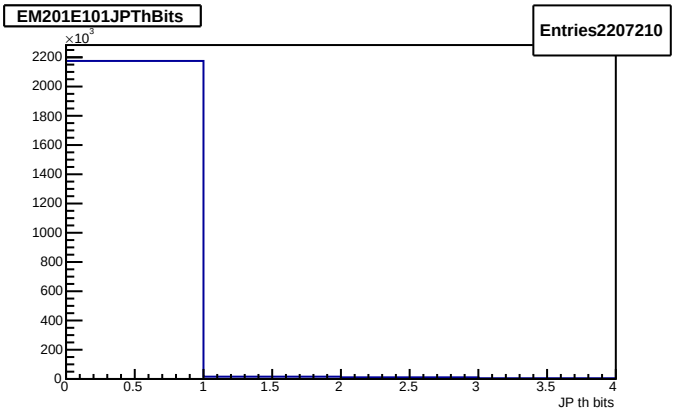

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

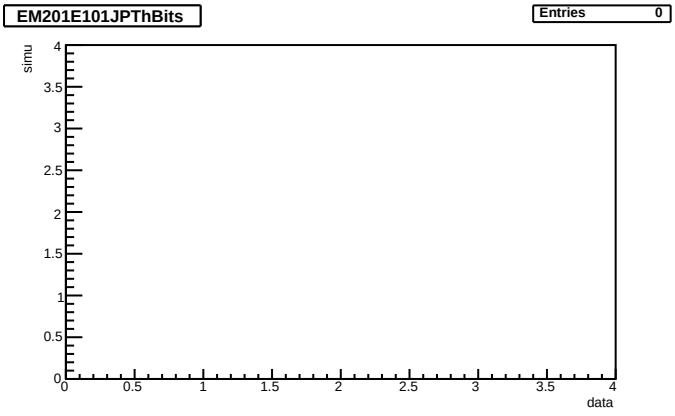

EMC L2 Input - BHT2 bits
Entries 1.324326e+07
BHT2
1
0
7230
7123
6557
6860
8123
7658
2.19995e+06
2.20009e+06
2.20065e+06
2.20025e+06
2.19909e+06
2.20015e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

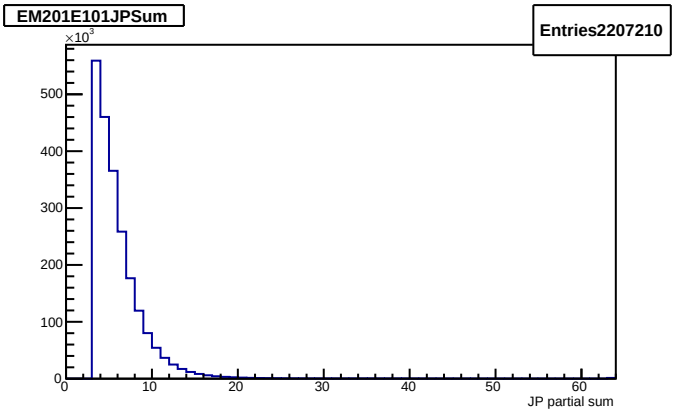

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

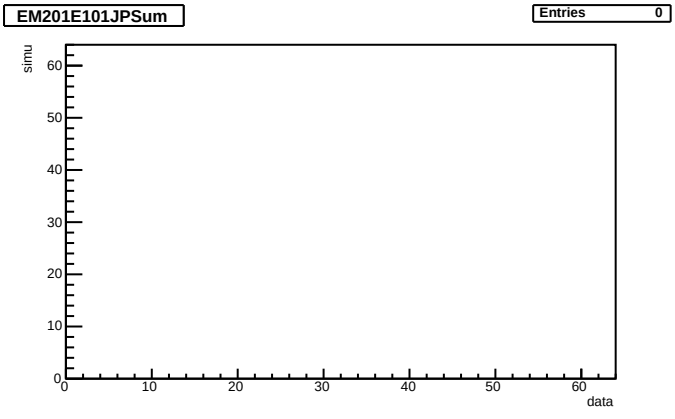

EMC L2 Input - Barrel HT.TP bits
Entries 1.324326e+07
Barrel HT.TP bits
1
0
631633
639253
647257
630141
662814
648940
1.54618e+06
1.56798e+06
1.55995e+06
1.57707e+06
1.5444e+06
1.55827e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

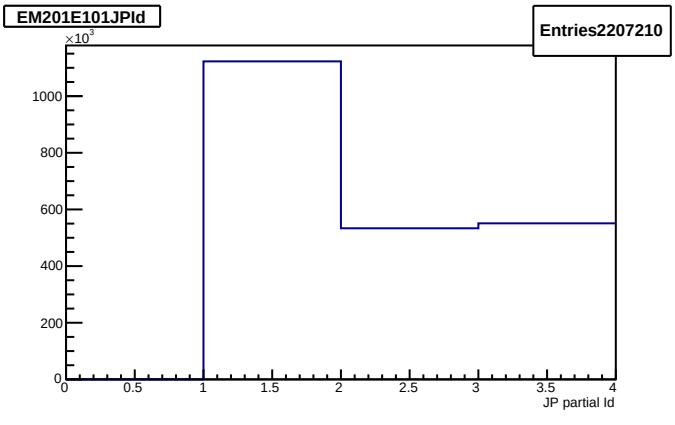

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

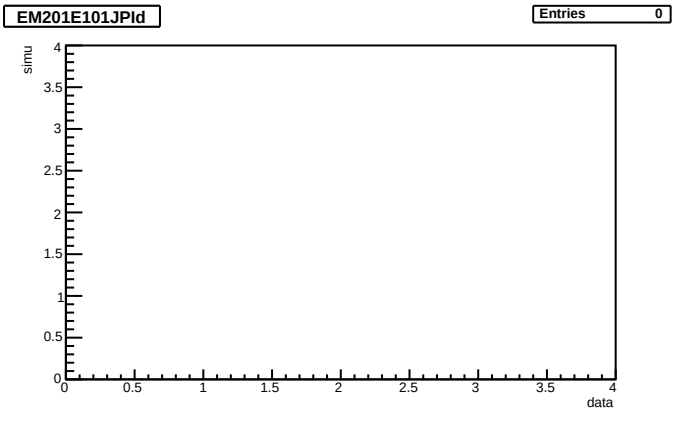

EM201E101JPThBits
Entries2207210
JP th bits

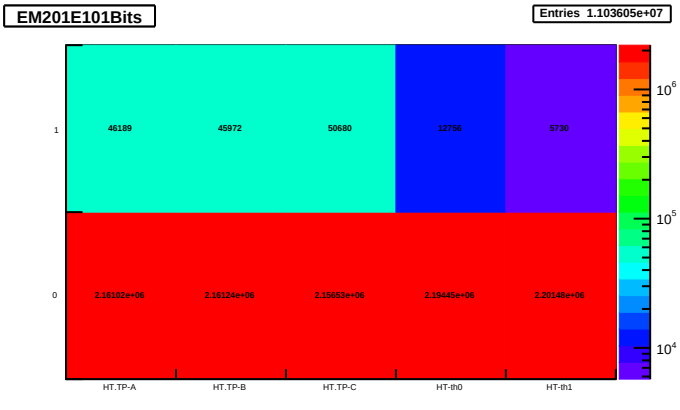

EM201E101JPThBits
Entries 0
simu
data

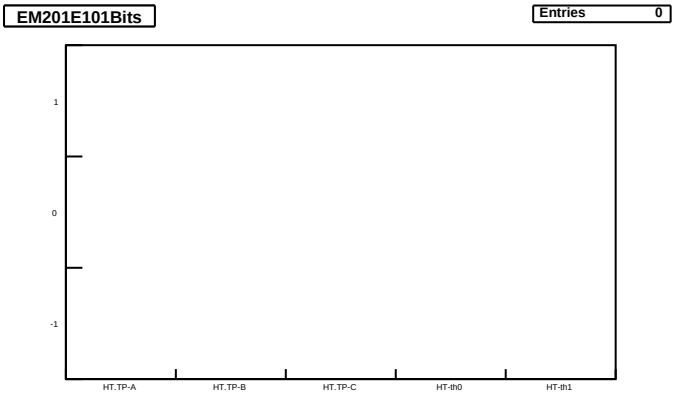

EM201E101JPSum
Entries2207210
JP partial sum

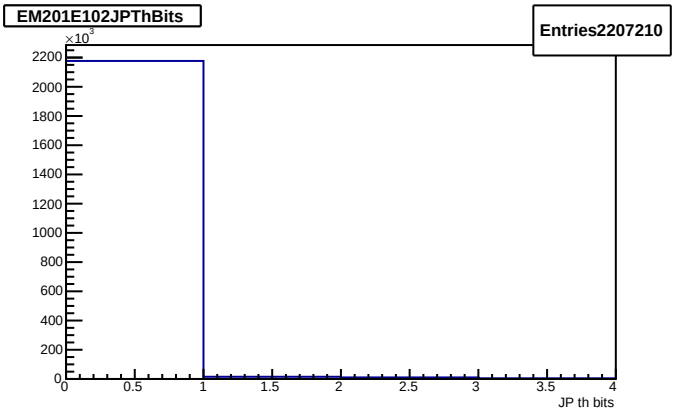

EM201E101JPSum
Entries 0
simu
data

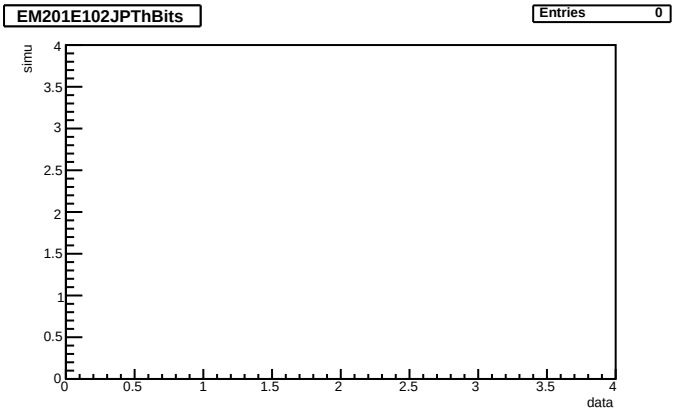

EM201E101JPId
Entries2207210
JP partial Id

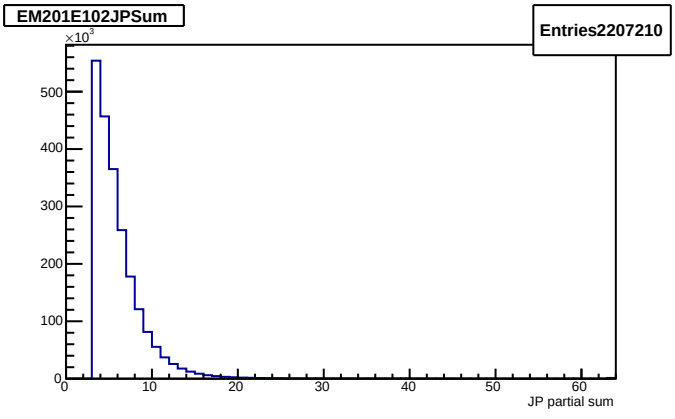

EM201E101JPId
Entries 0
simu
data

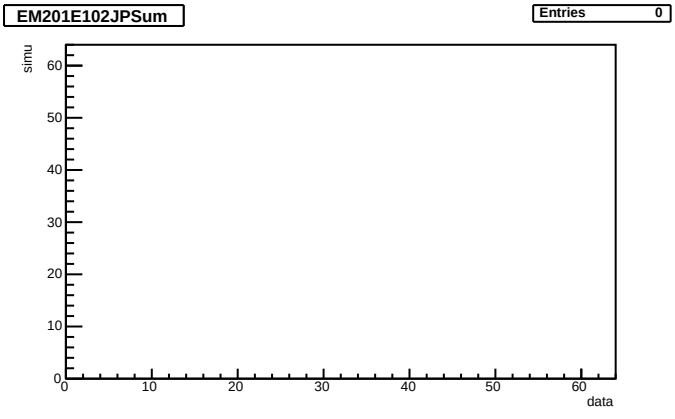

EM201E101Bits
Entries 1.103605e+07
46189
45972
50680
12756
5730
2.16102e+06
2.16124e+06
2.15653e+06
2.19445e+06
2.20148e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

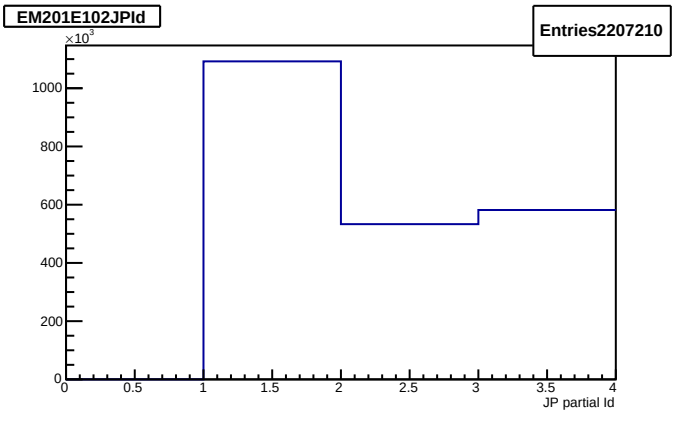

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

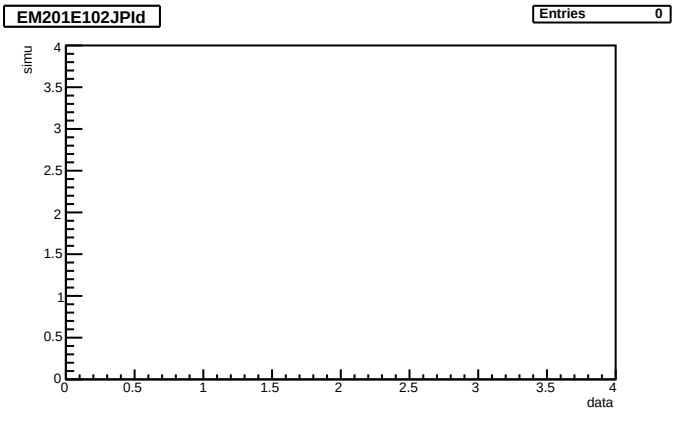

EM201E102JPThBits
Entries2207210
JP th bits

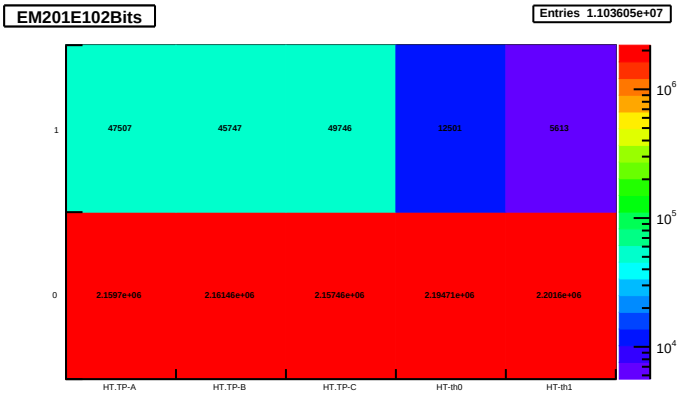

EM201E102JPThBits
Entries 0
simu
data

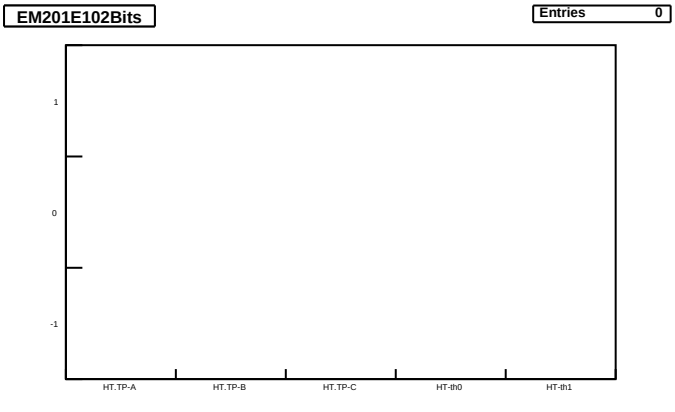

EM201E102JPSum
Entries2207210
JP partial sum

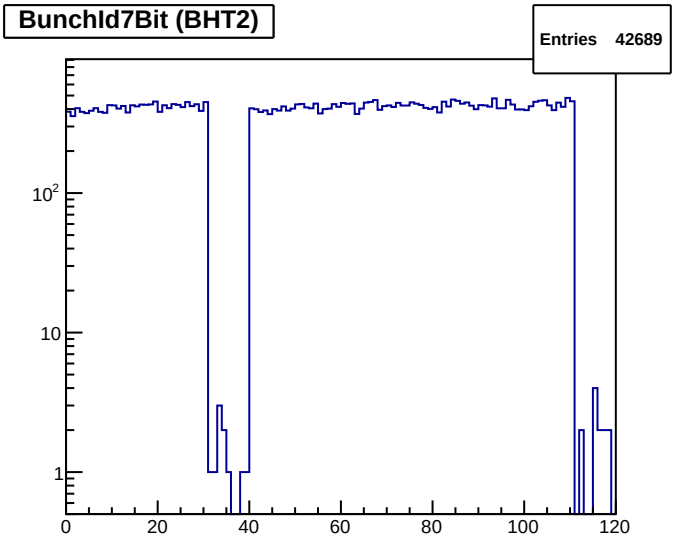

EM201E102JPSum
Entries 0
simu
data

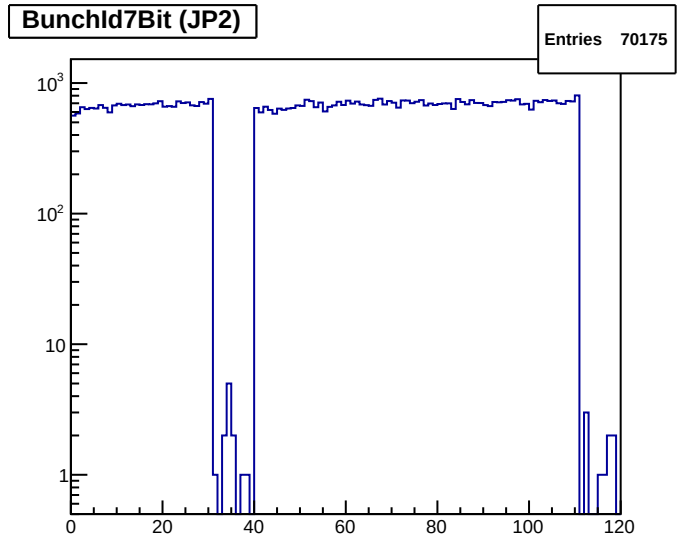

EM201E102JPId
Entries2207210
JP partial Id

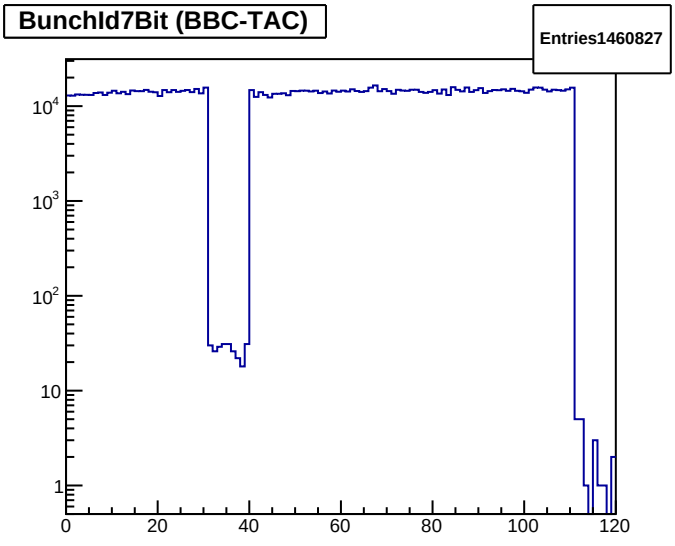

EM201E102JPId
Entries 0
simu
data

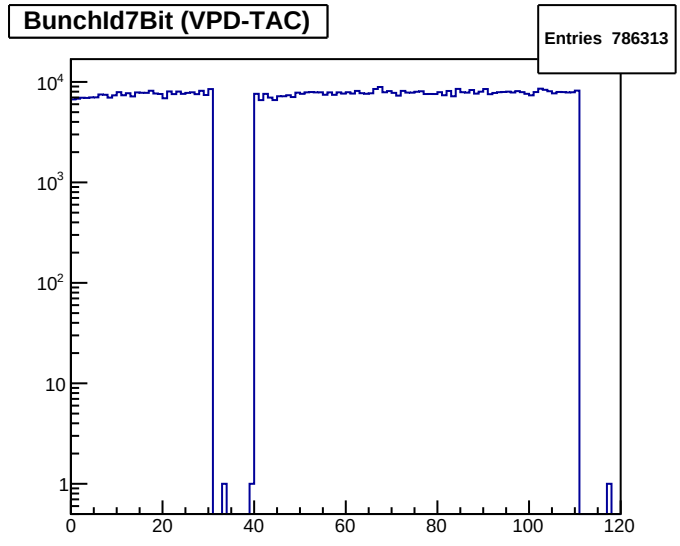

EM201E102Bits
Entries 1.103605e+07
47507
45747
49746
12501
5613
2.1597e+06
2.16146e+06
2.15746e+06
2.19471e+06
2.2016e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

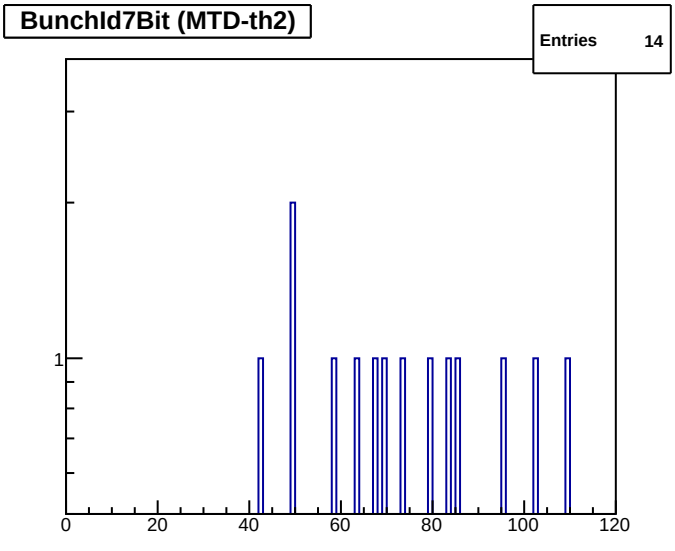

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

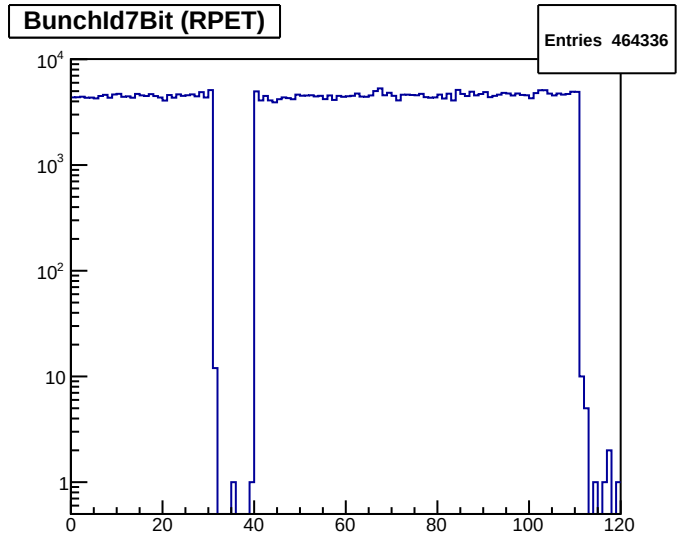

BunchId7Bit (BHT2)
Entries 42689

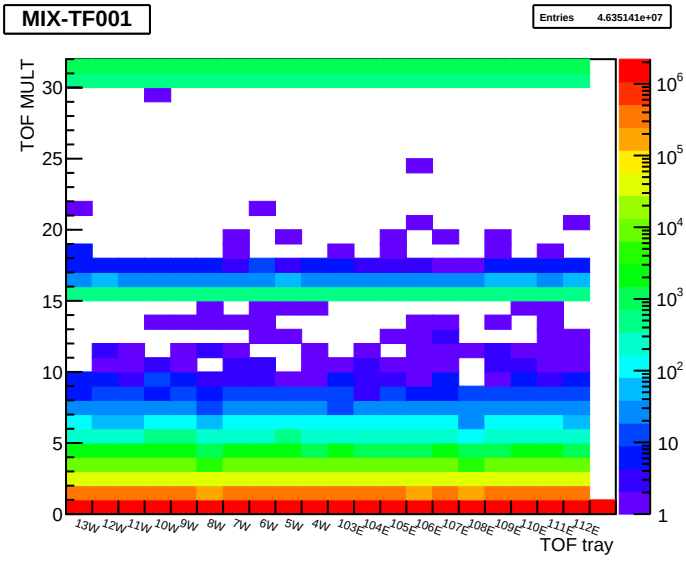

BunchId7Bit (JP2)
Entries 70175

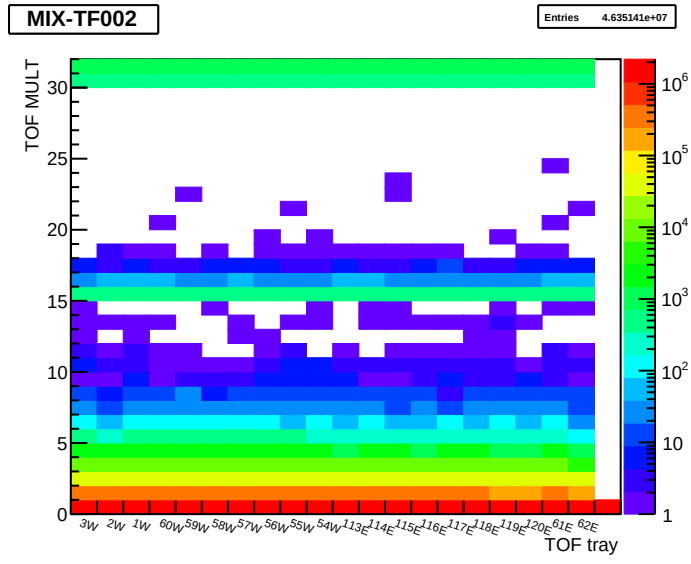

BunchId7Bit (BBC-TAC)
Entries1460827

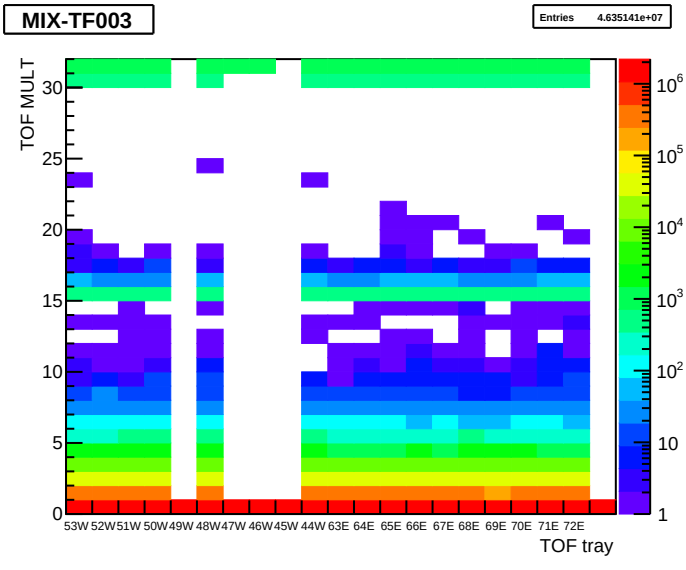

BunchId7Bit (VPD-TAC)
Entries 786313

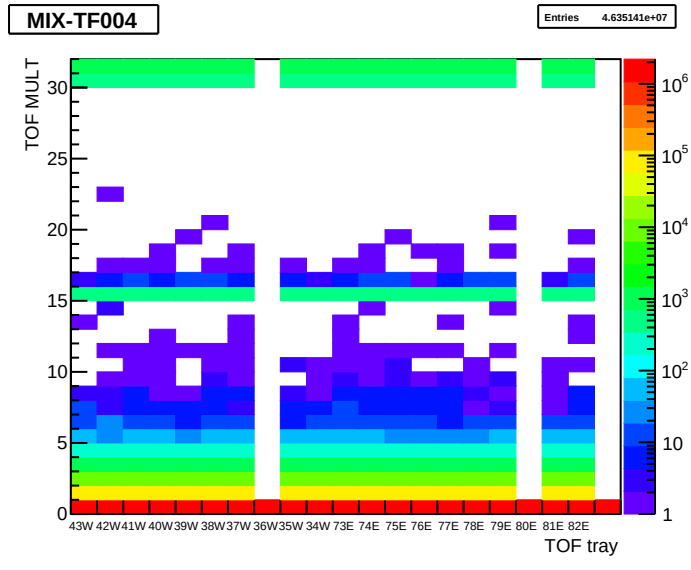

BunchId7Bit (MTD-th2)
Entries 14

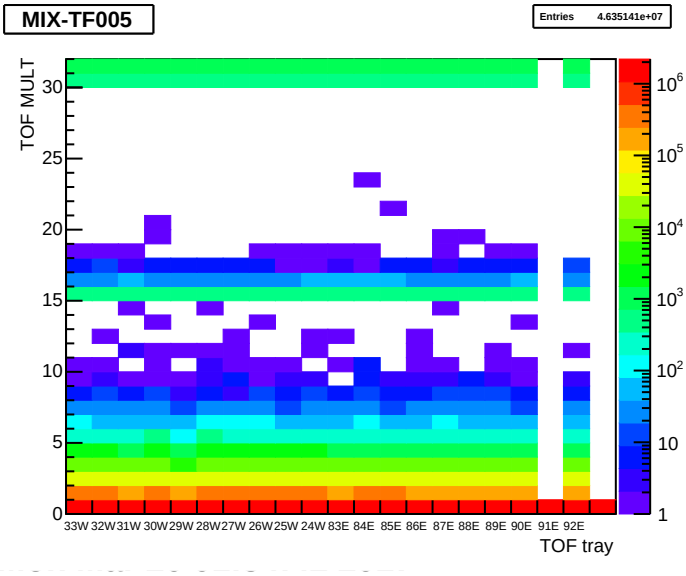

BunchId7Bit (RPET)
Entries 464336

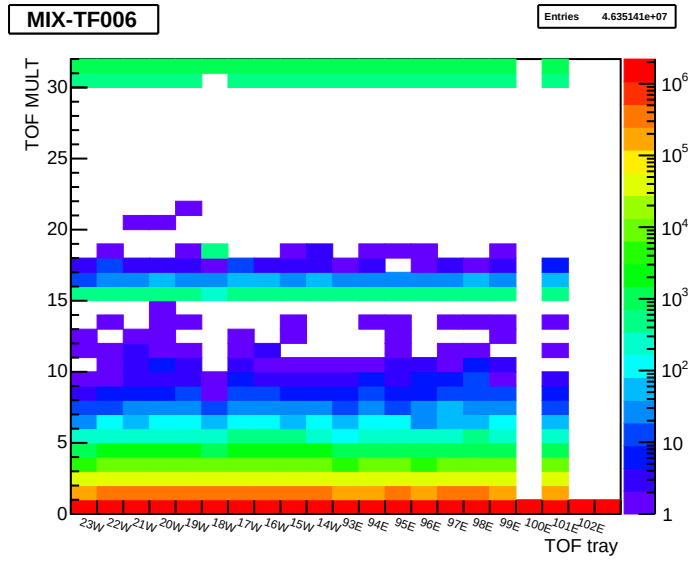

MIX-TF001
Entries 4.635141e+07
TOF MULT
TOF tray

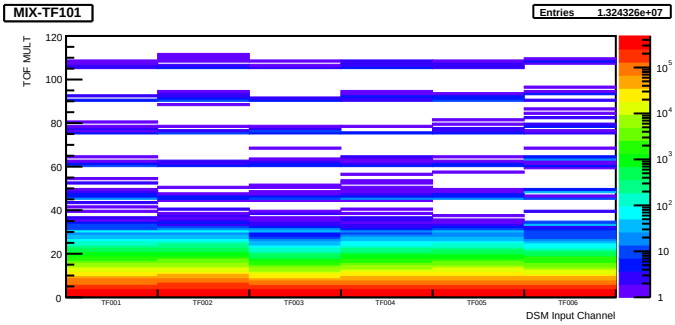

MIX-TF002
Entries 4.635141e+07
TOF MULT
TOF tray

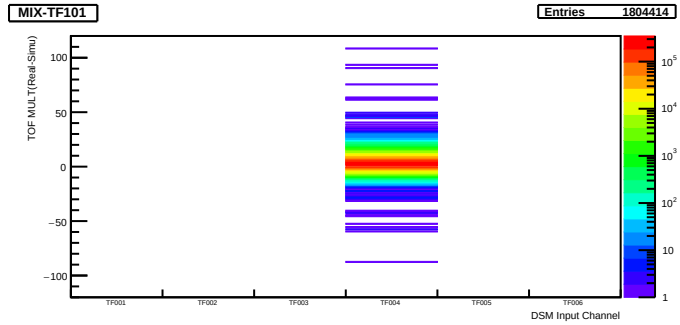

MIX-TF003
Entries 4.635141e+07
TOF MULT
TOF tray

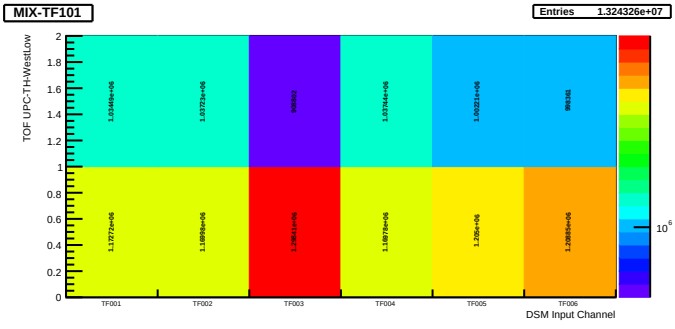

MIX-TF004
Entries 4.635141e+07
TOF MULT
TOF tray

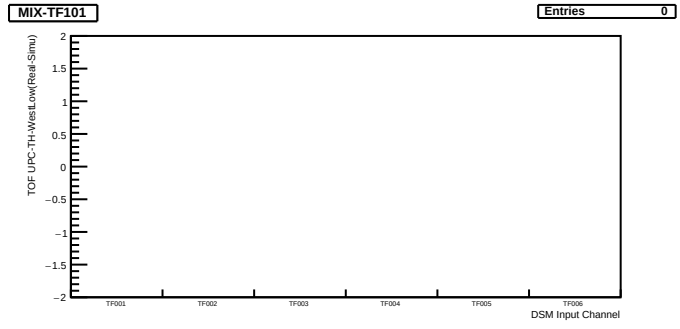

MIX-TF005
Entries 4.635141e+07
TOF MULT
TOF tray

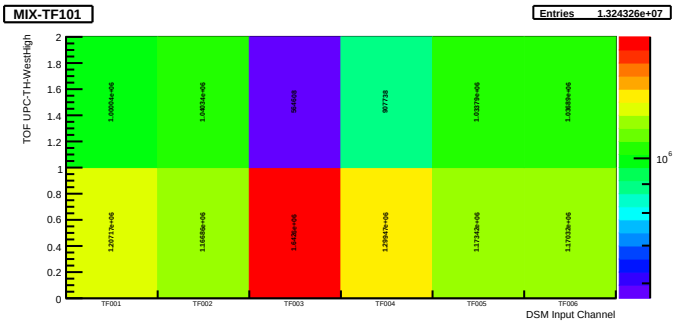

MIX-TF006
Entries 4.635141e+07
TOF MULT
TOF tray

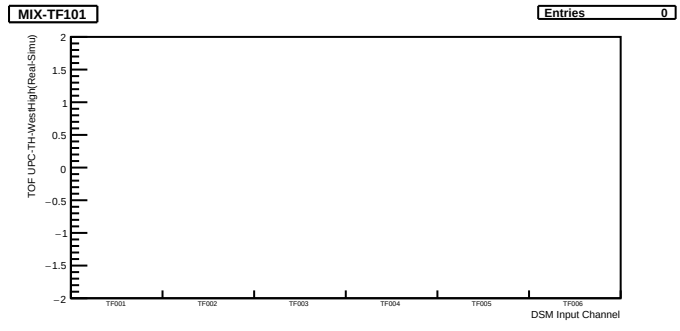

MIX-TF101
Entries 1.324326e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

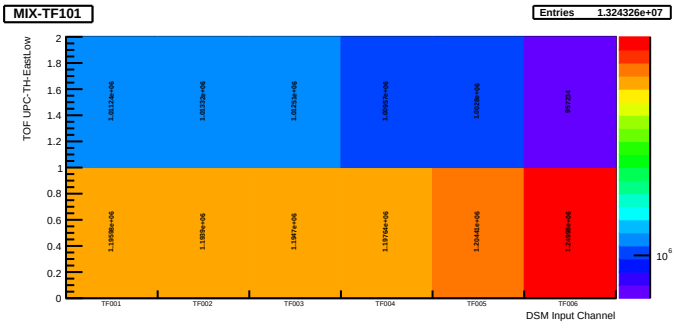

MIX-TF101
Entries 1804414
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

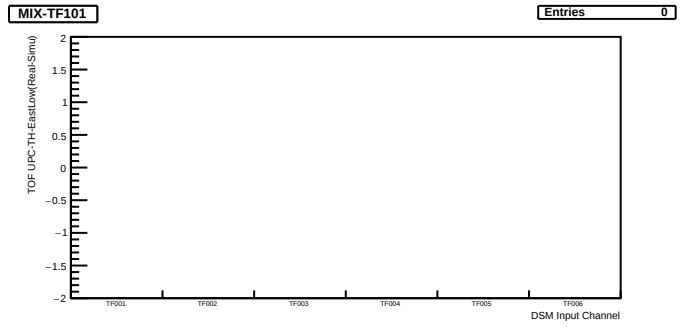

MIX-TF101
Entries 1.324326e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

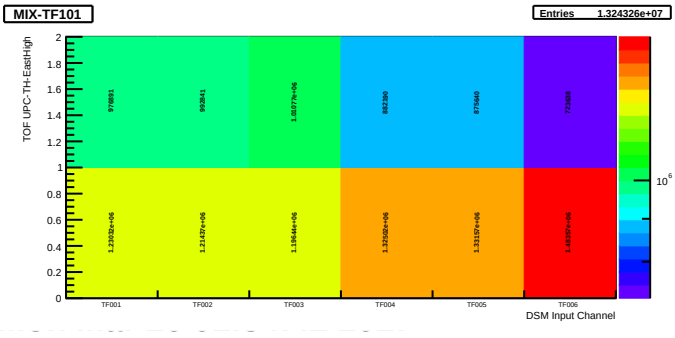

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

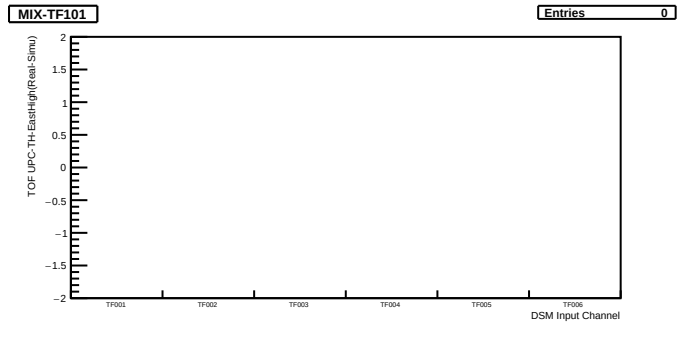

MIX-TF101
Entries 1.324326e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

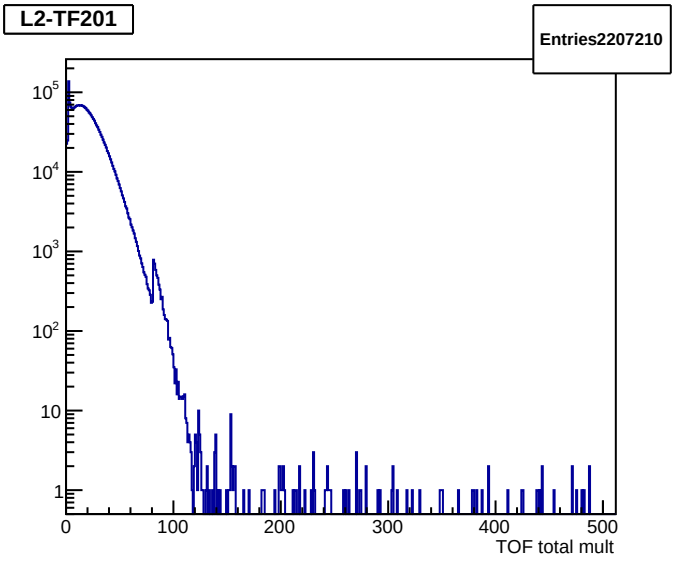

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

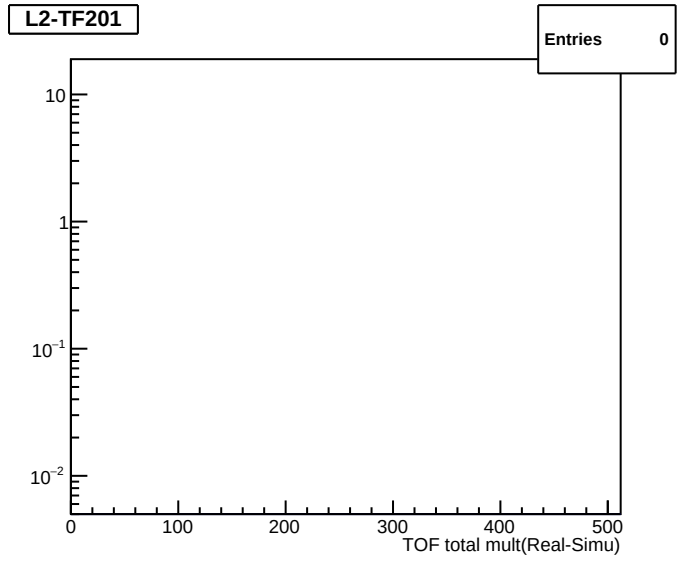

MIX-TF101
Entries 1.324326e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

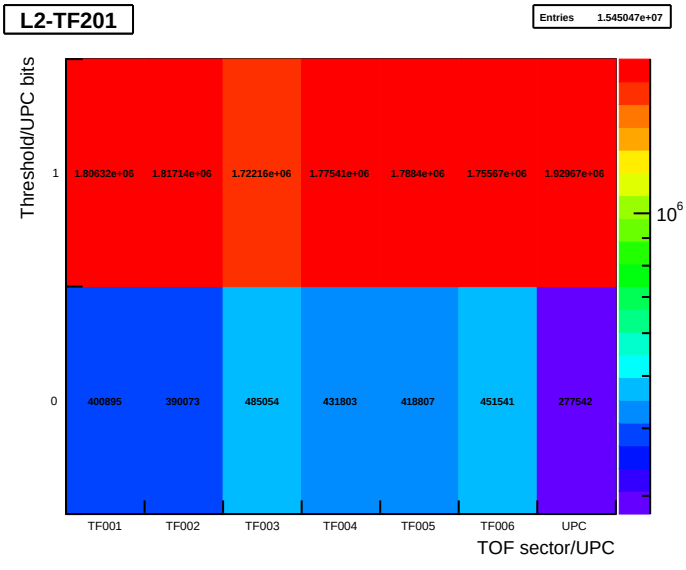

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

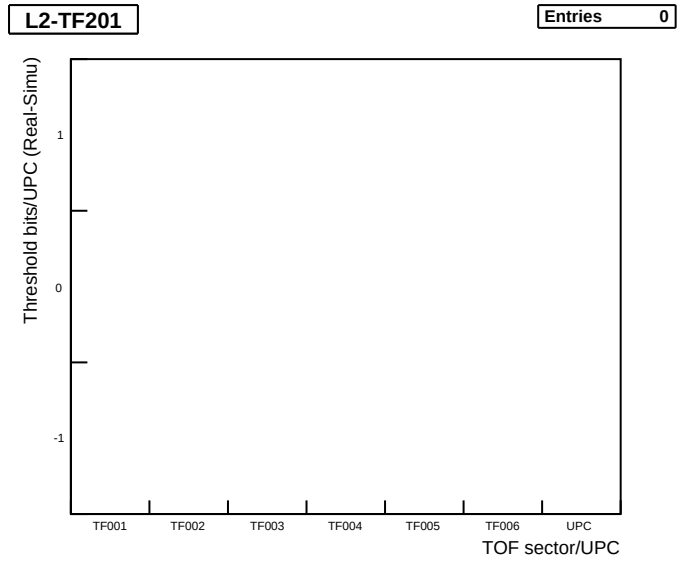

MIX-TF101
Entries 1.324326e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

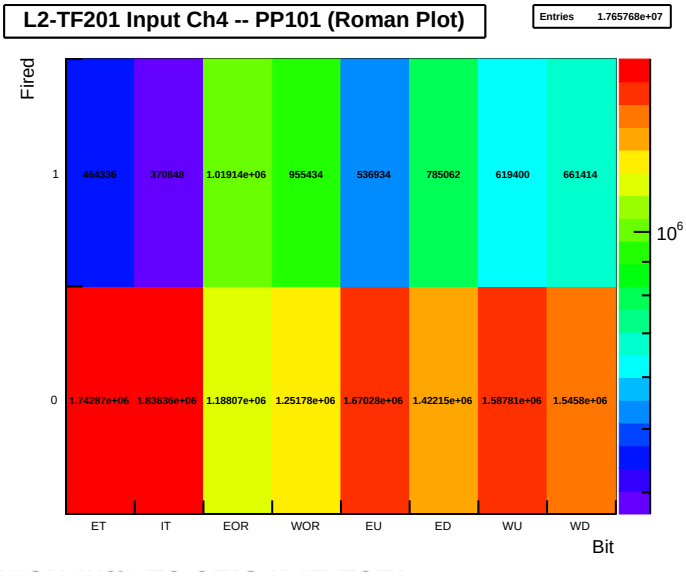

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

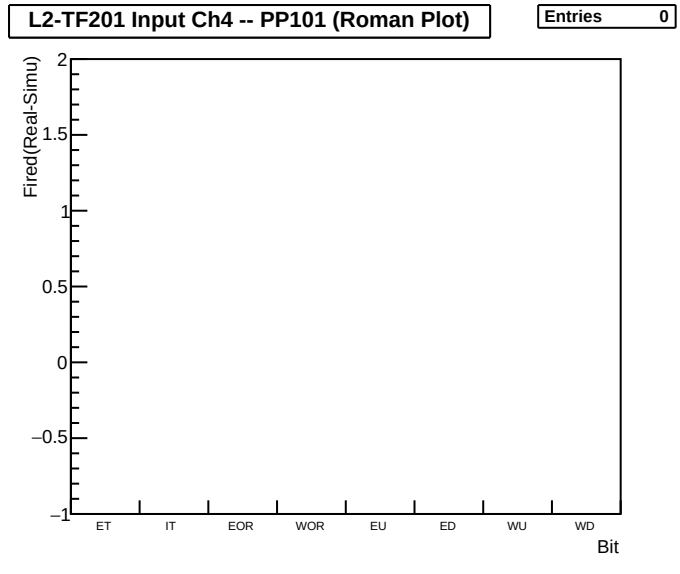

L2-TF201
Entries2207210
TOF total mult

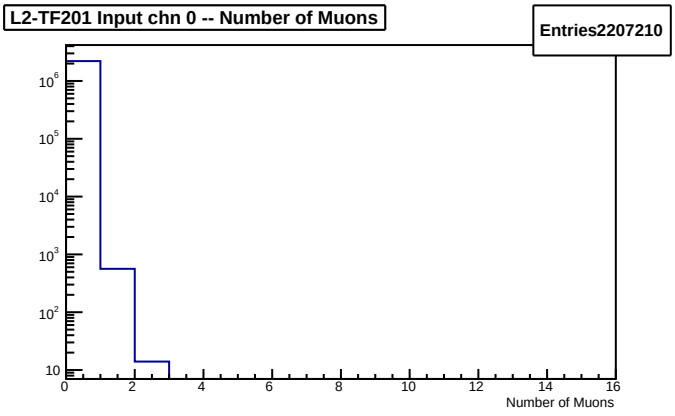

L2-TF201
Entries 0
TOF total mult(Real-Simu)

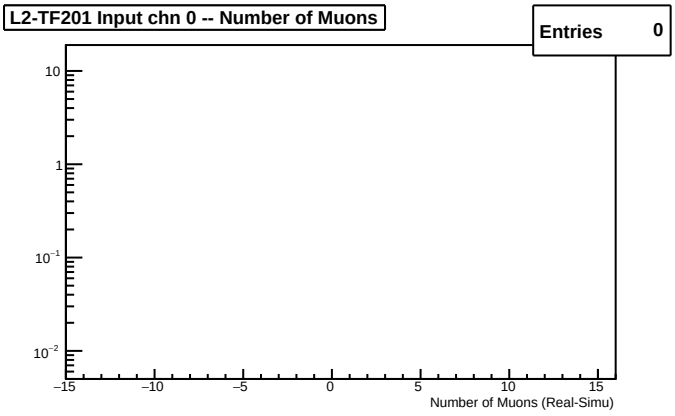

L2-TF201
Entries 1.545047e+07
Threshold/UPC bits
1.80632e+06
1.81714e+06
1.72216e+06
1.77541e+06
1.7884e+06
1.75567e+06
1.92967e+06
400895
390073
485054
431803
418807
451541
277542
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

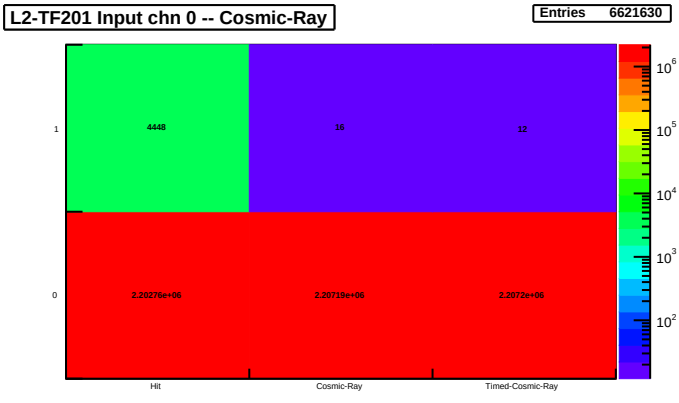

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

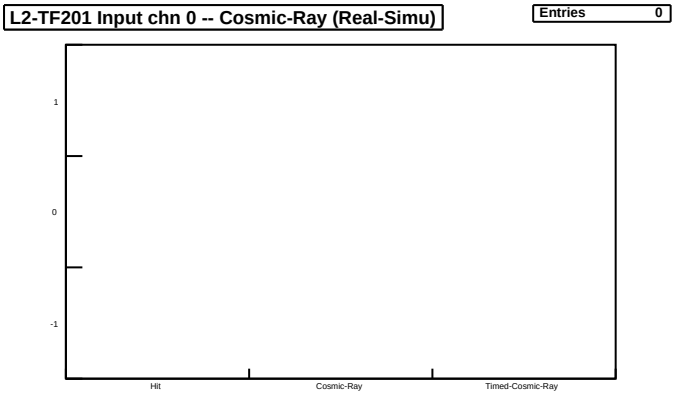

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.765768e+07
Fired
464336
370848
1.01914e+06
955434
536934
785062
619400
661414
1.74287e+06
1.83636e+06
1.18807e+06
1.25178e+06
1.67028e+06
1.42215e+06
1.58781e+06
1.5458e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

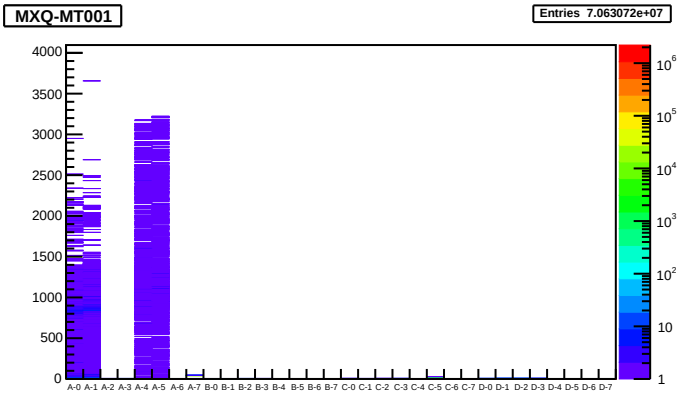

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

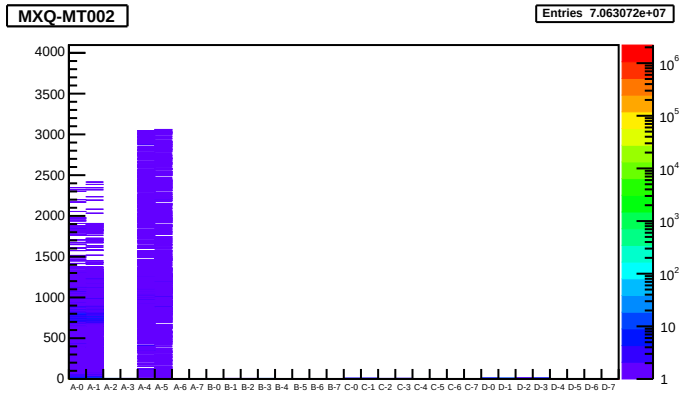

L2-TF201 Input chn 0 -- Number of Muons
Entries2207210
Number of Muons

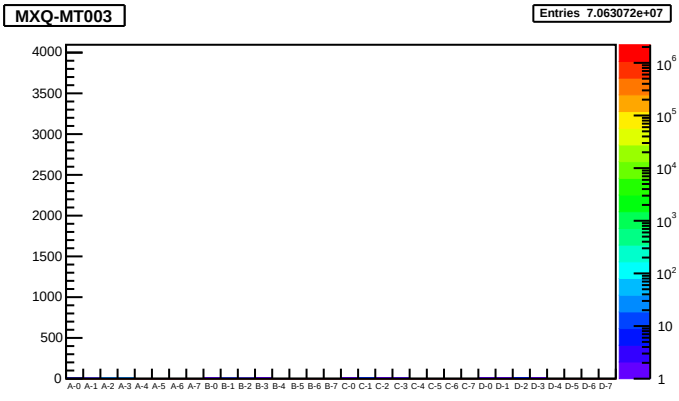

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

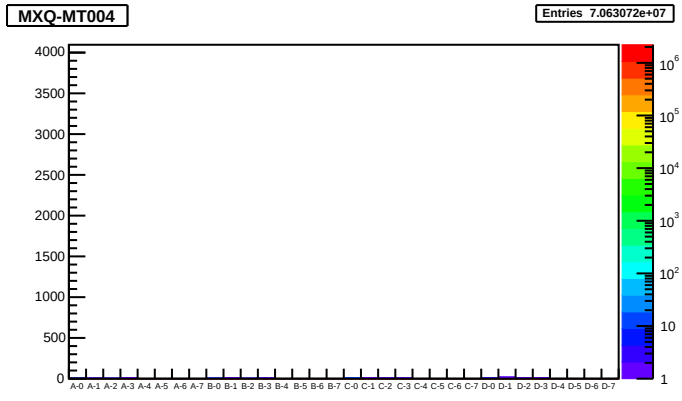

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6621630
4448
16
12
2.20276e+06
2.20719e+06
2.2072e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

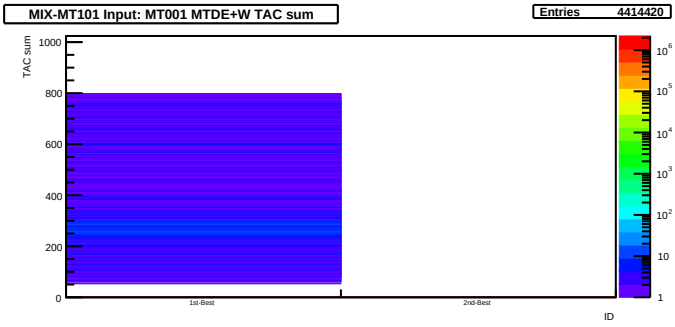

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

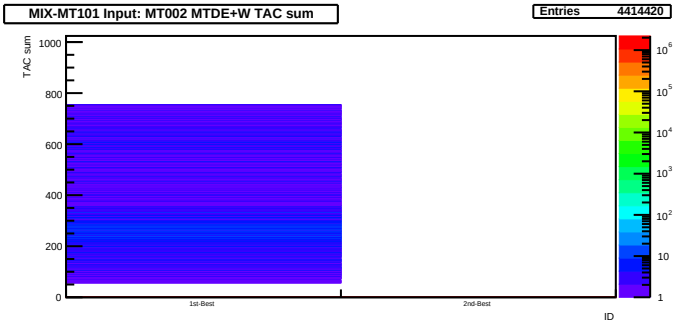

MXQ-MT001
Entries 7.063072e+07

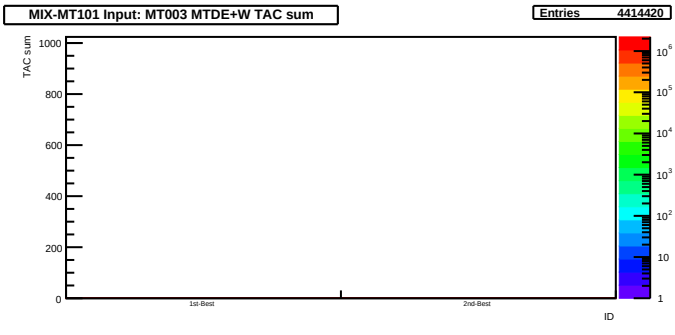

MXQ-MT002
Entries 7.063072e+07

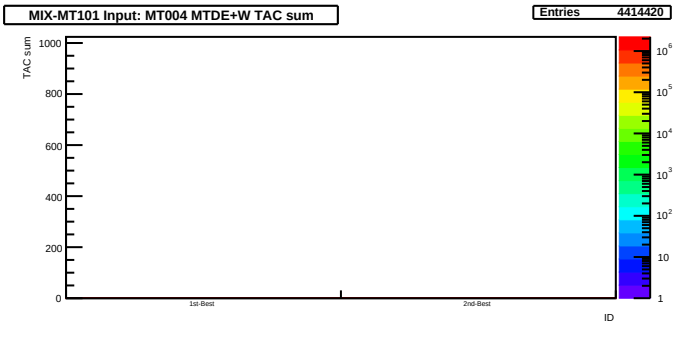

MXQ-MT003
Entries 7.063072e+07

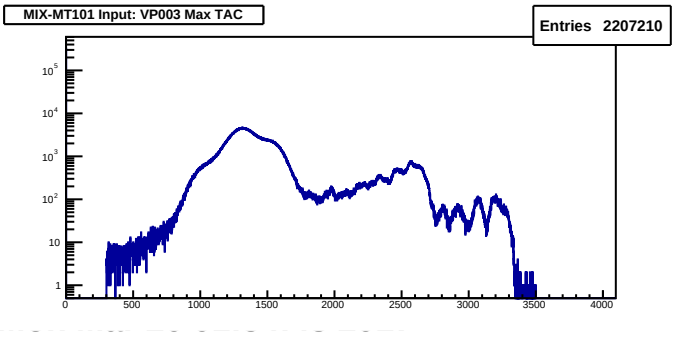

MXQ-MT004
Entries 7.063072e+07

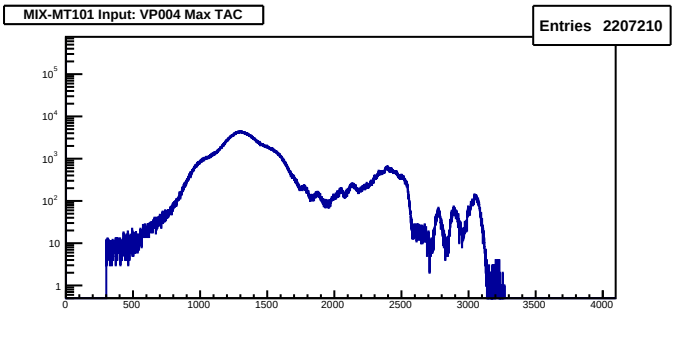

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4414420
TAC sum
1st-Best
2nd-Best
ID

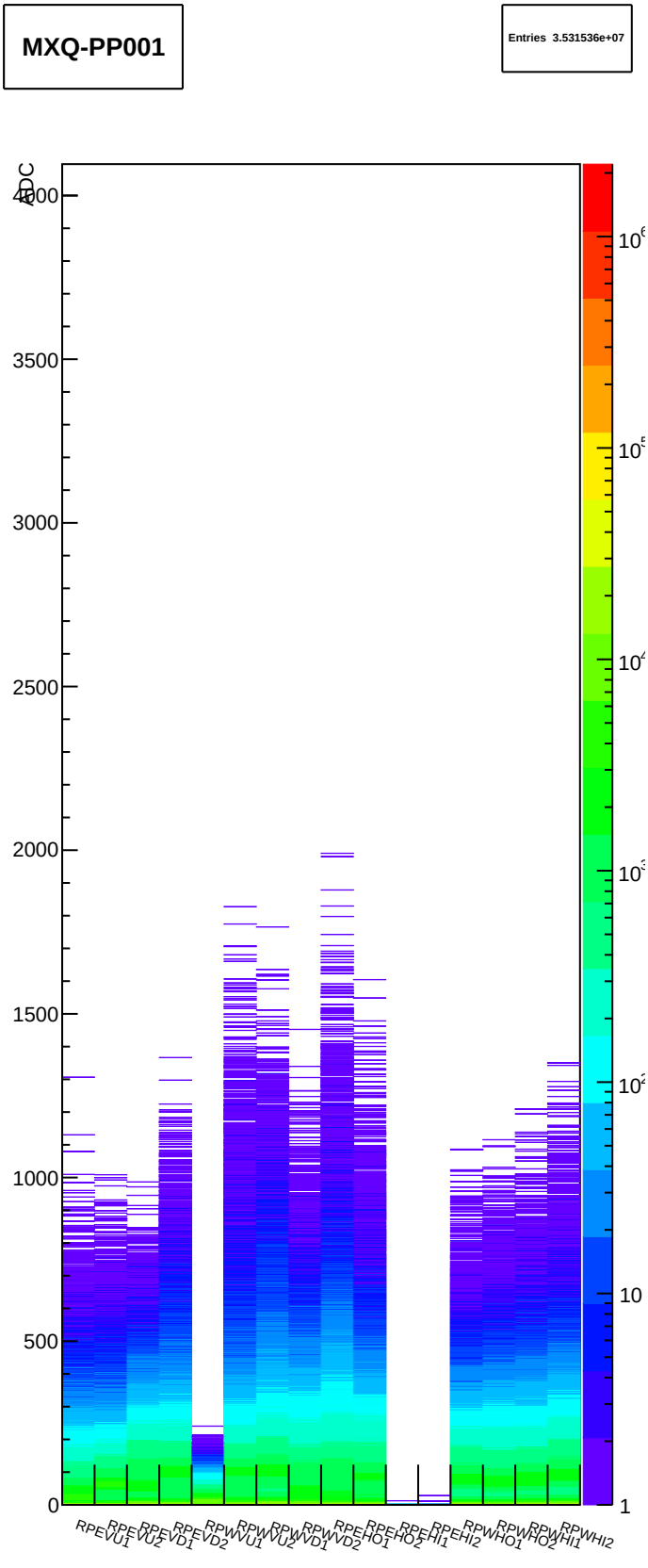

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4414420
TAC sum
1st-Best
2nd-Best
ID

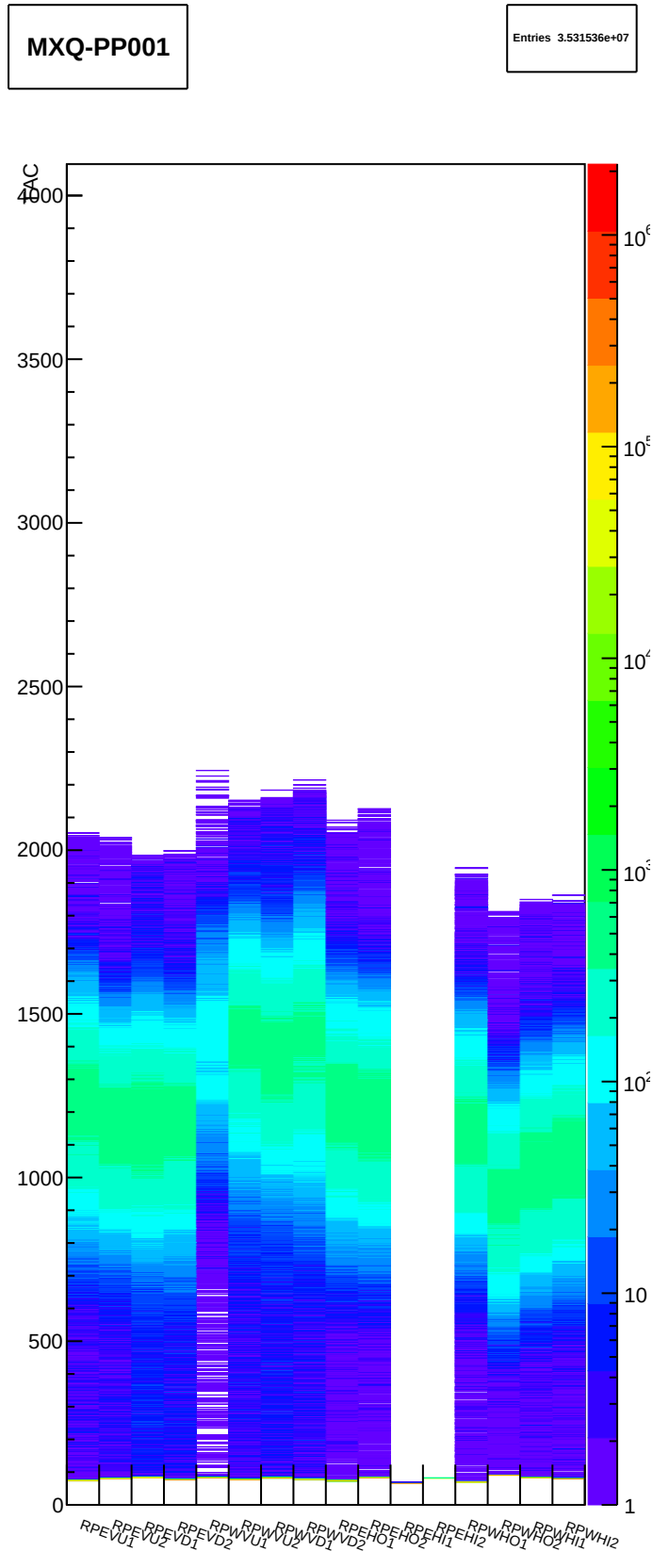

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4414420
TAC sum
1st-Best
2nd-Best
ID

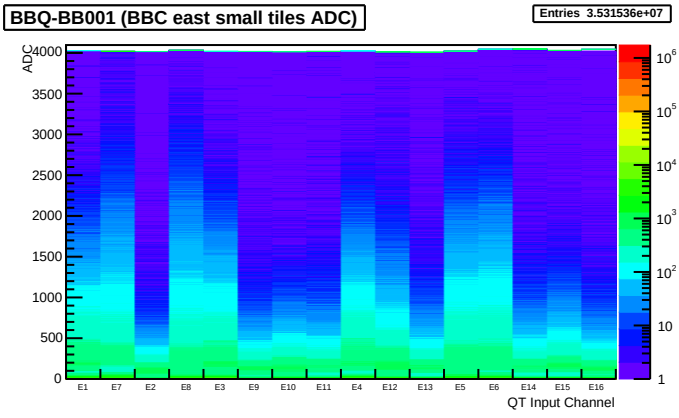

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4414420
TAC sum
1st-Best
2nd-Best
ID

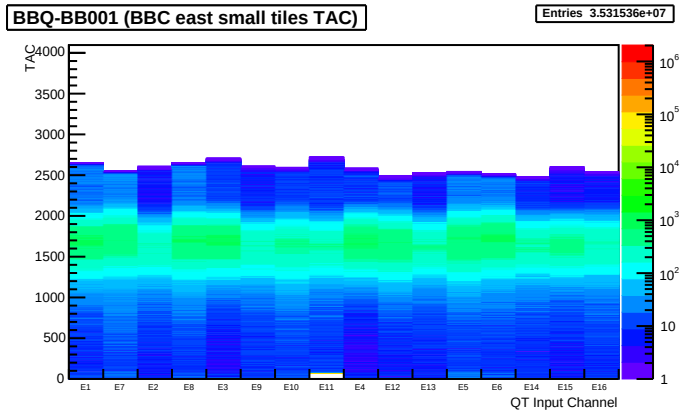

MIX-MT101 Input: VP003 Max TAC
Entries 2207210

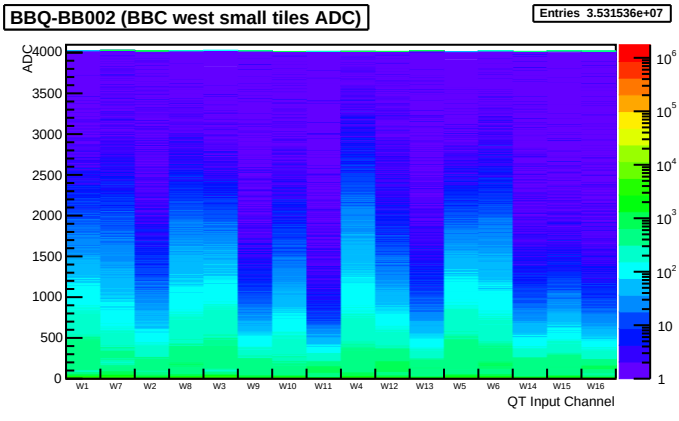

MIX-MT101 Input: VP004 Max TAC
Entries 2207210

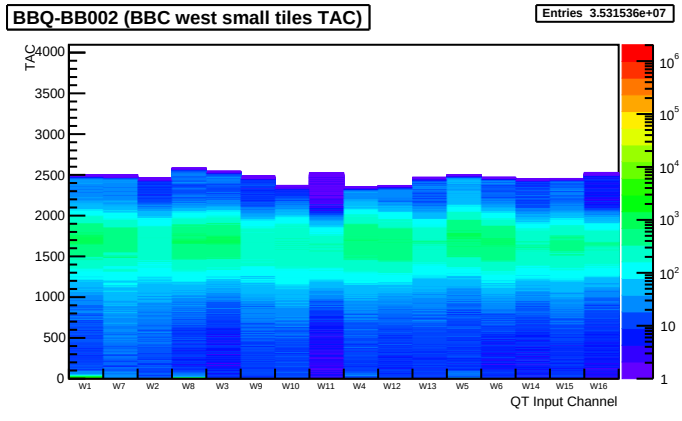

MXQ-PP001
Entries 3.531536e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

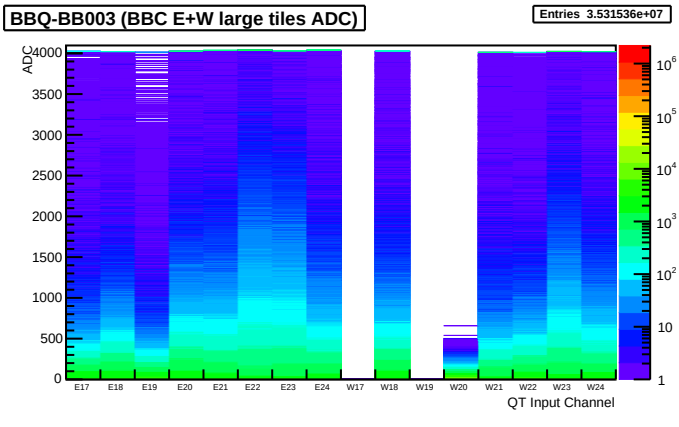

MXQ-PP001
Entries 3.531536e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

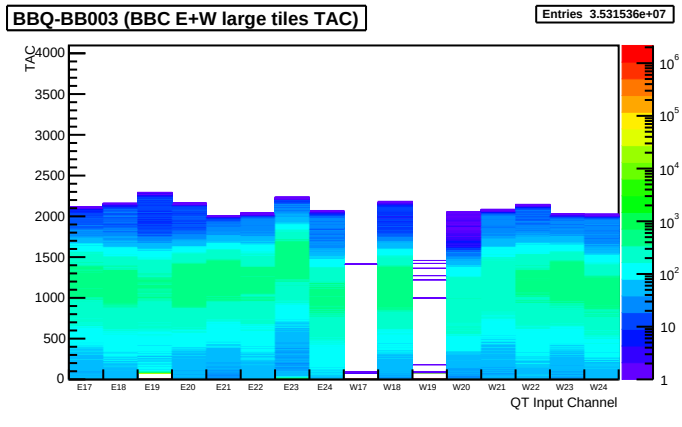

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.531536e+07
ADC
QT Input Channel

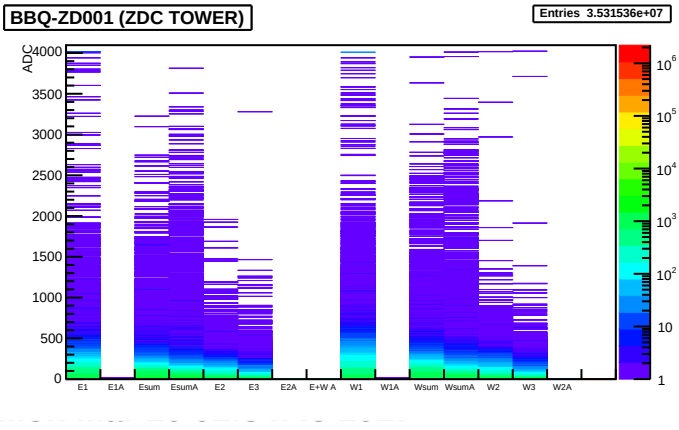

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.531536e+07
TAC
QT Input Channel

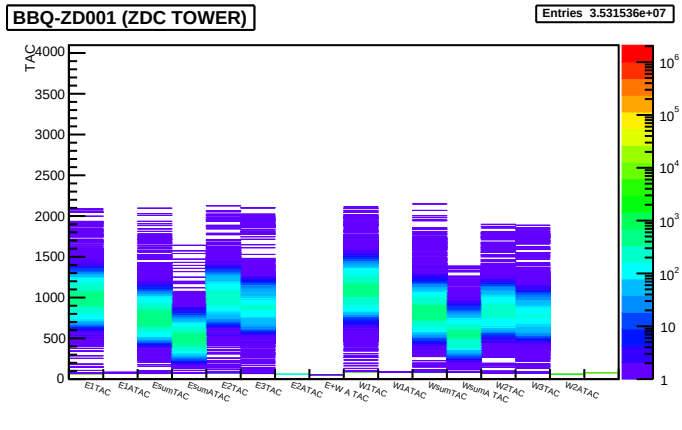

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.531536e+07
ADC
QT Input Channel

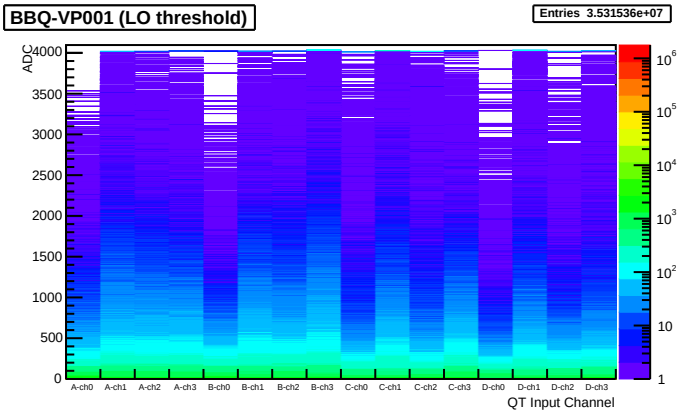

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.531536e+07
TAC
QT Input Channel

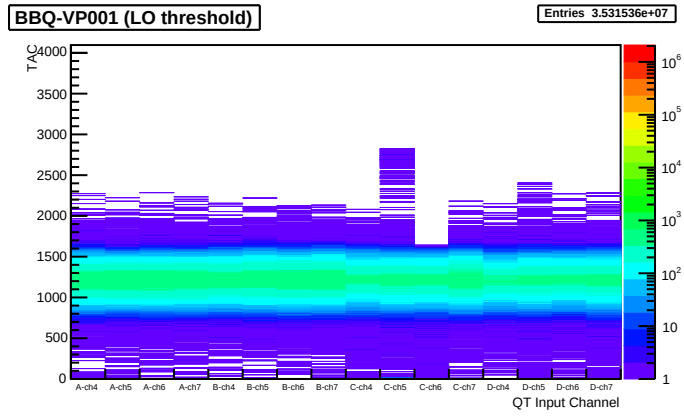

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.531536e+07
ADC
QT Input Channel

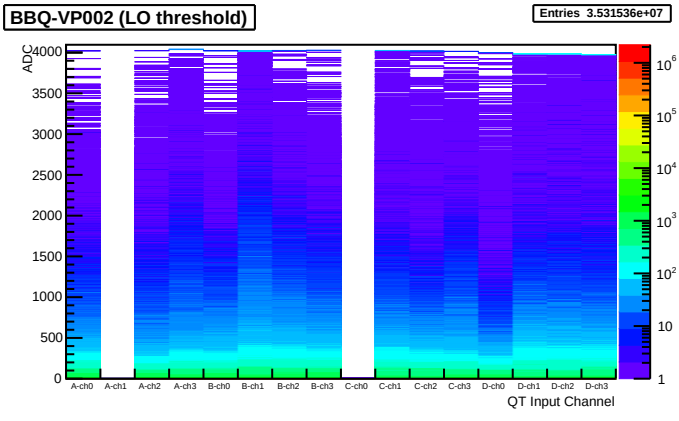

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.531536e+07
TAC
QT Input Channel

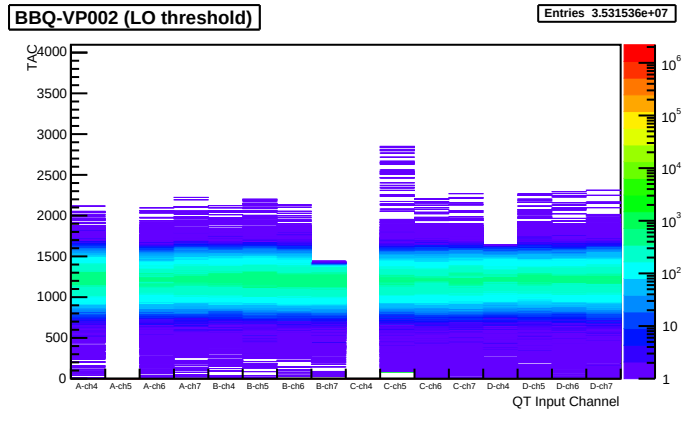

BBQ-ZD001 (ZDC TOWER)
Entries 3.531536e+07
ADC

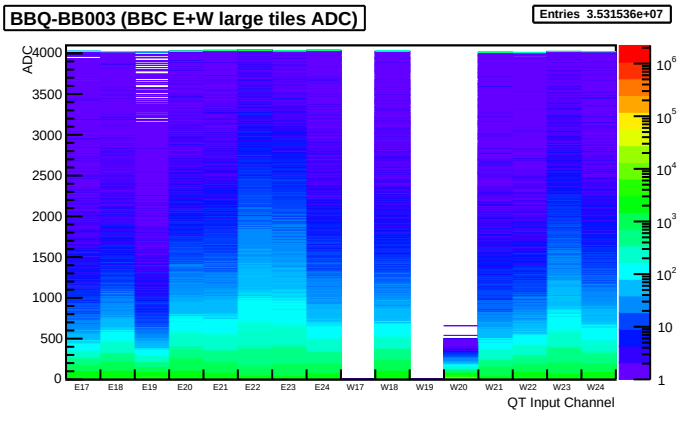

BBQ-ZD001 (ZDC TOWER)
Entries 3.531536e+07
TAC

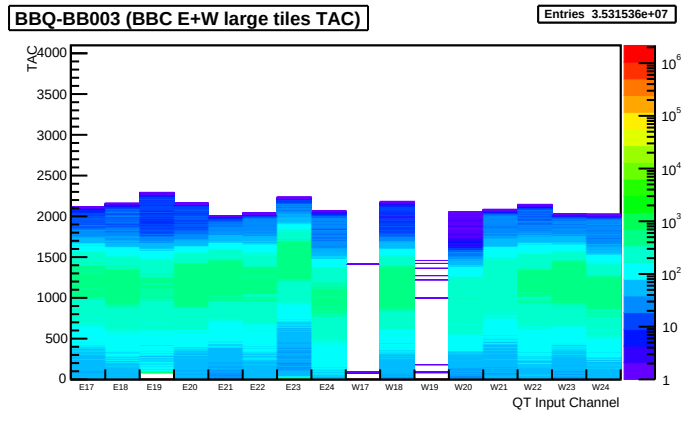

BBQ-VP001 (LO threshold)
Entries 3.531536e+07
ADC
QT Input Channel

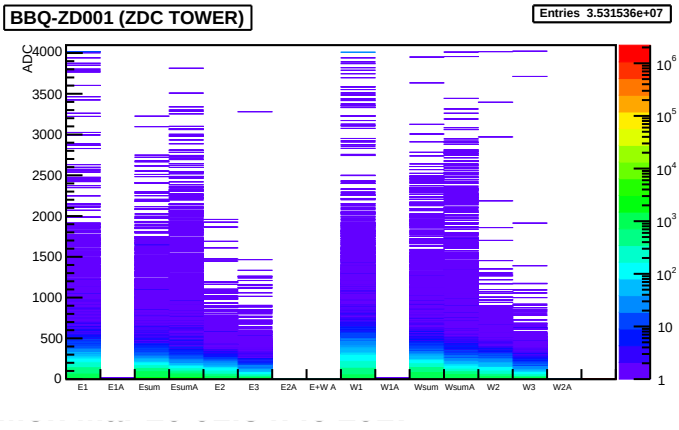

BBQ-VP001 (LO threshold)
Entries 3.531536e+07
TAC
QT Input Channel

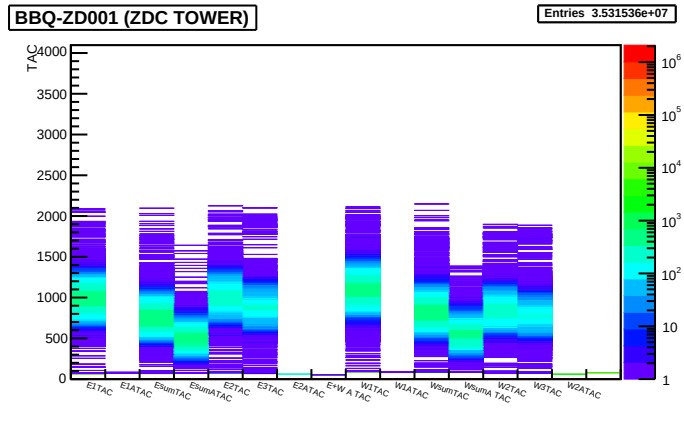

BBQ-VP002 (LO threshold)
Entries 3.531536e+07
ADC
QT Input Channel

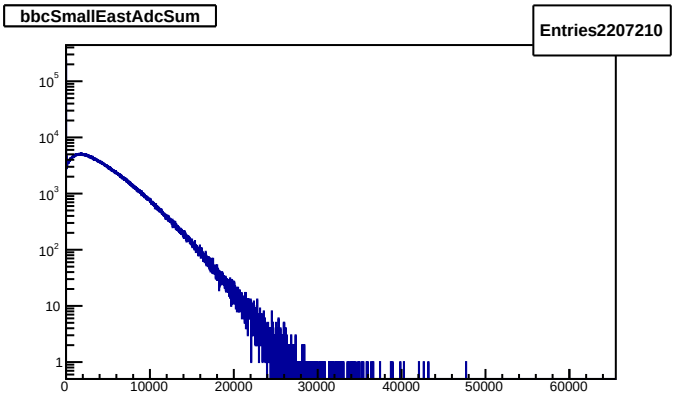

BBQ-VP002 (LO threshold)
Entries 3.531536e+07
TAC
QT Input Channel

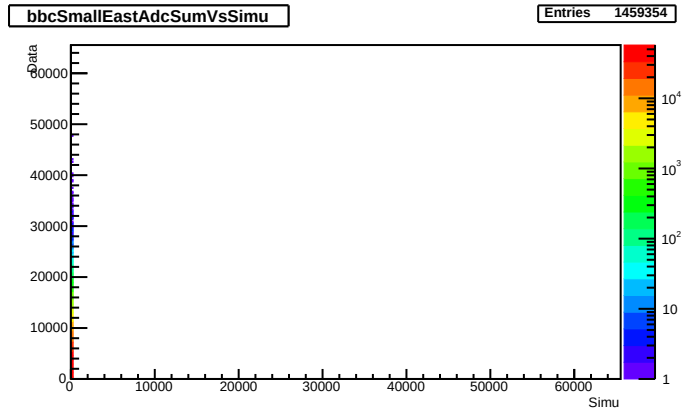

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.531536e+07
ADC
QT Input Channel

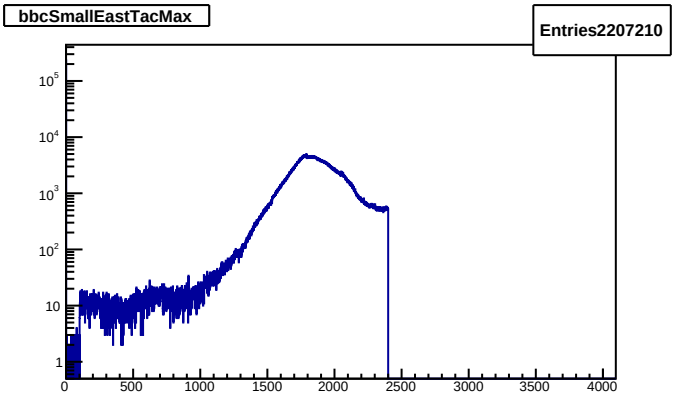

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.531536e+07
TAC
QT Input Channel

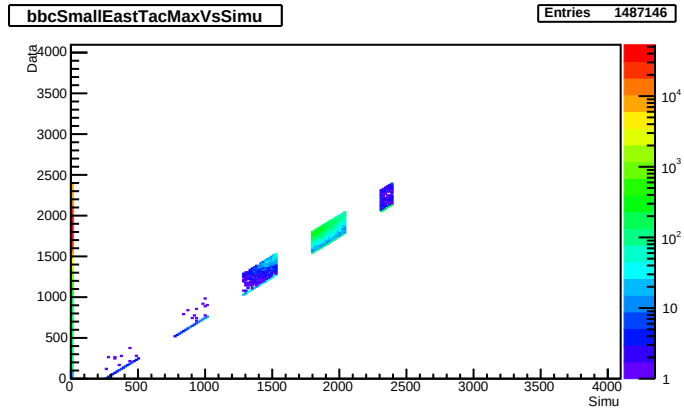

BBQ-ZD001 (ZDC TOWER)
Entries 3.531536e+07
ADC

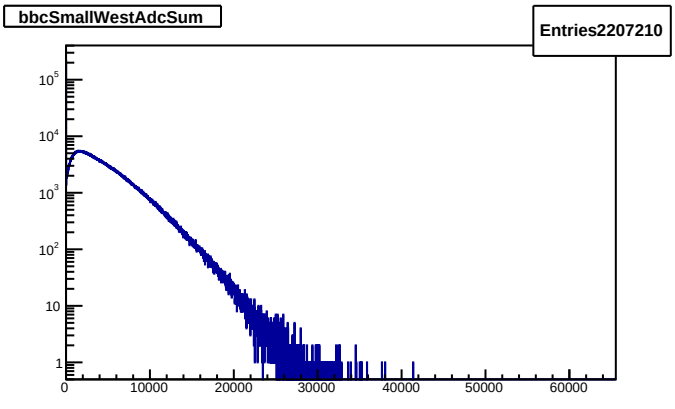

BBQ-ZD001 (ZDC TOWER)
Entries 3.531536e+07
TAC

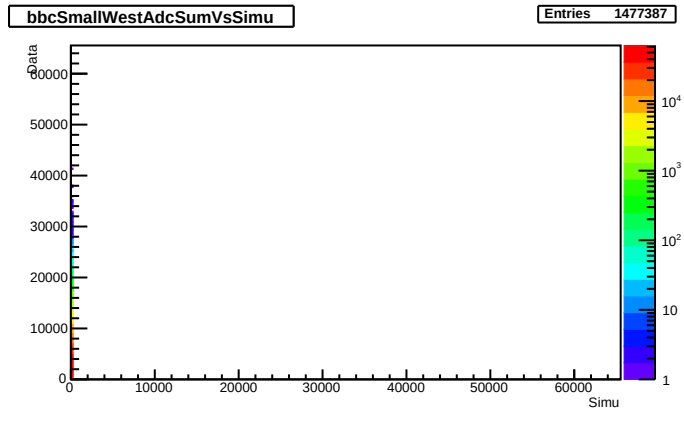

bbcSmallEastAdcSum
Entries2207210

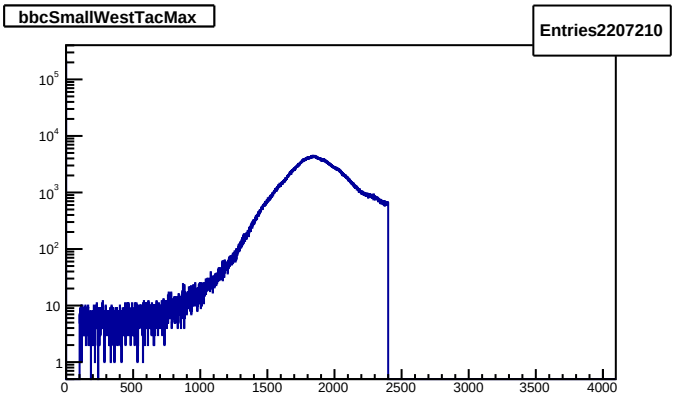

bbcSmallEastAdcSumVsSimu
Entries 1459354
Data
Simu

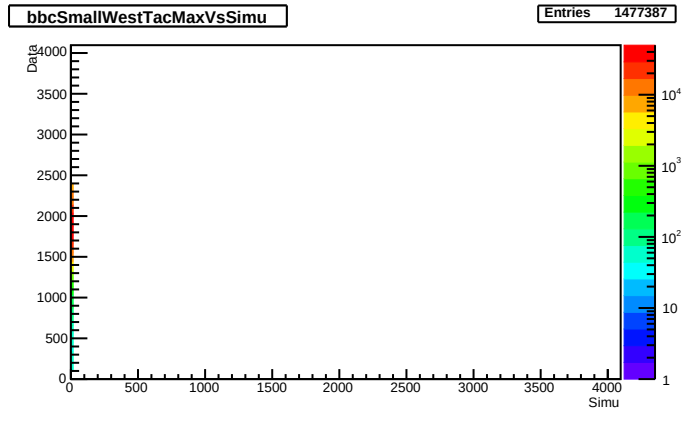

bbcSmallEastTacMax
Entries2207210

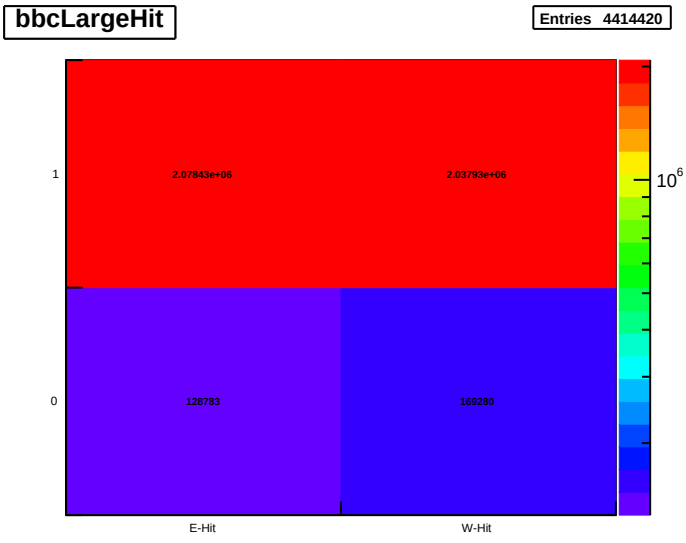

bbcSmallEastTacMaxVsSimu
Entries 1487146
Data
Simu

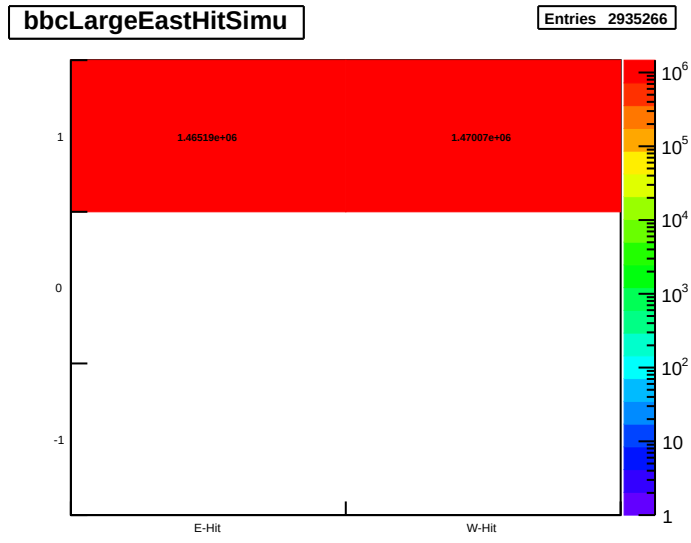

bbcSmallWestAdcSum
Entries2207210

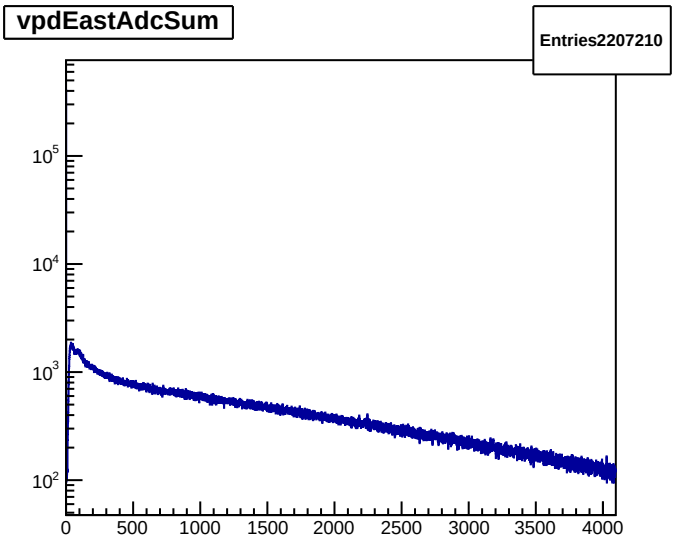

bbcSmallWestAdcSumVsSimu
Entries 1477387
Data
Simu

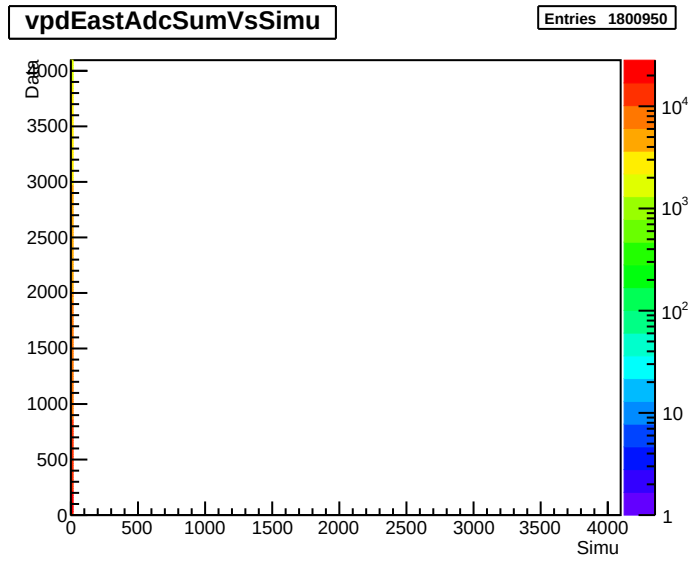

bbcSmallWestTacMax
Entries2207210

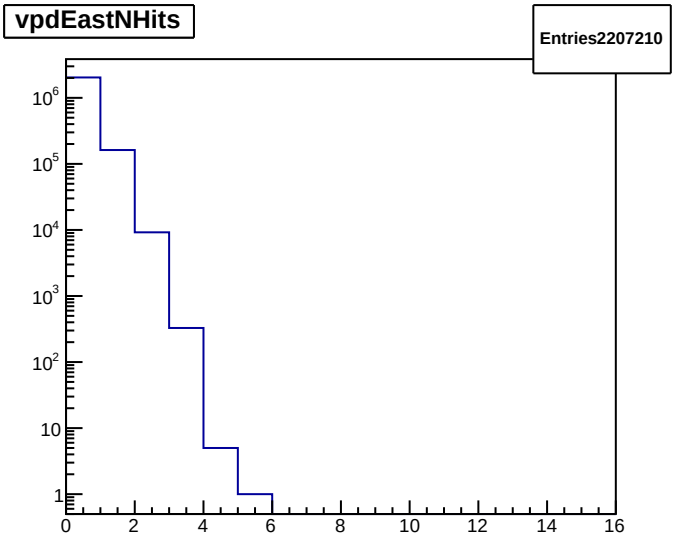

bbcSmallWestTacMaxVsSimu
Entries 1477387
Data
Simu

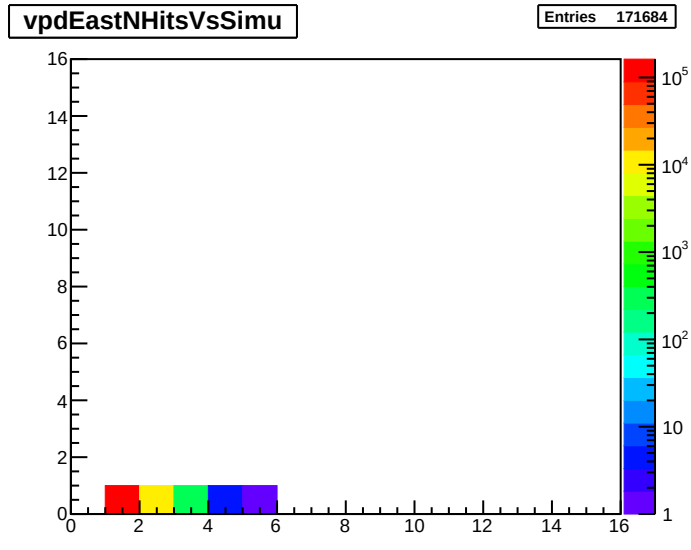

bbcLargeHit
Entries 4414420
1
0
2.07843e+06
2.03793e+06
128783
169280
E-Hit
W-Hit
10^6

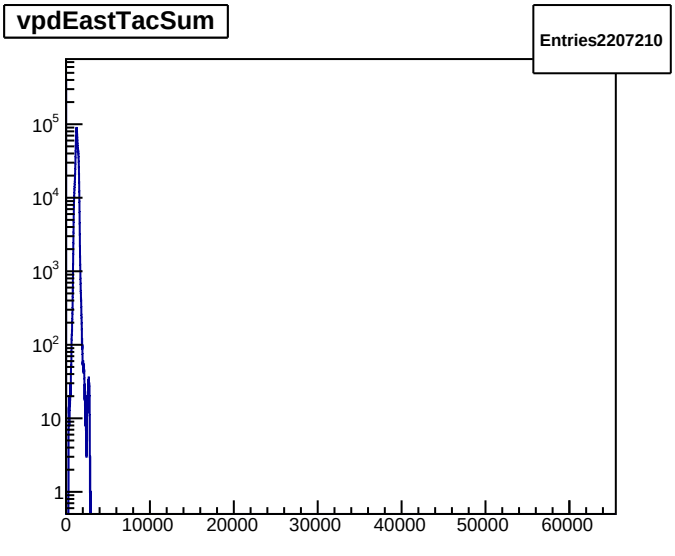

bbcLargeEastHitSimu
Entries 2935266
1
0
-1
1.46519e+06
1.47007e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

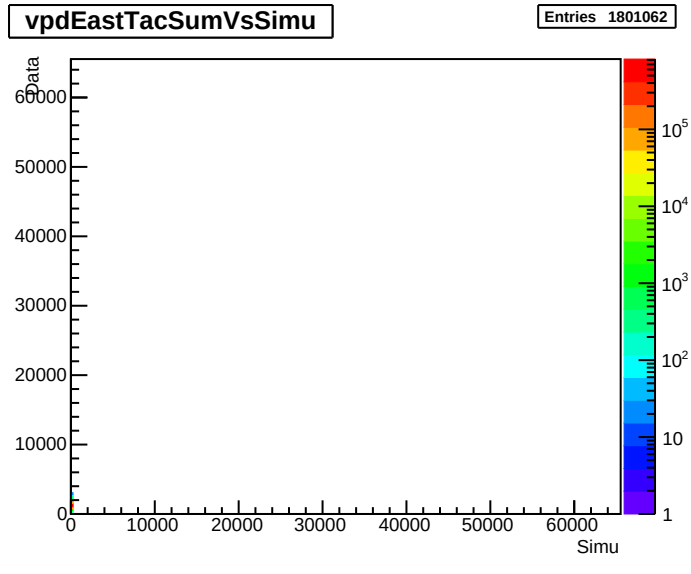

vpdEastAdcSum
Entries2207210

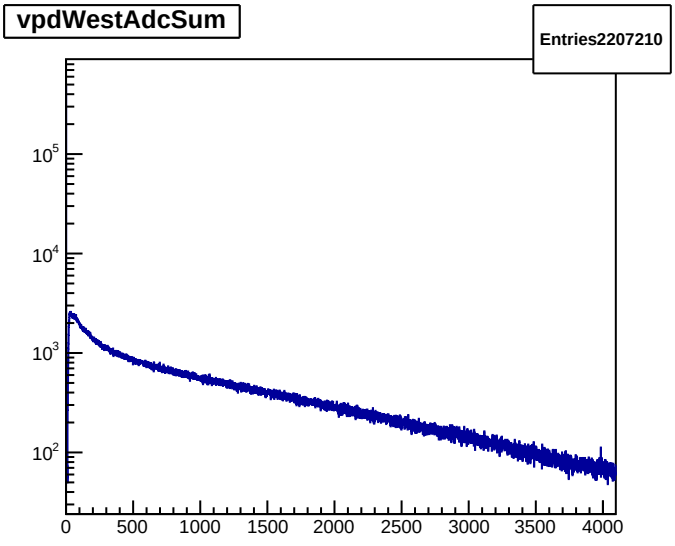

vpdEastAdcSumVsSimu
Entries 1800950
Data
Simu

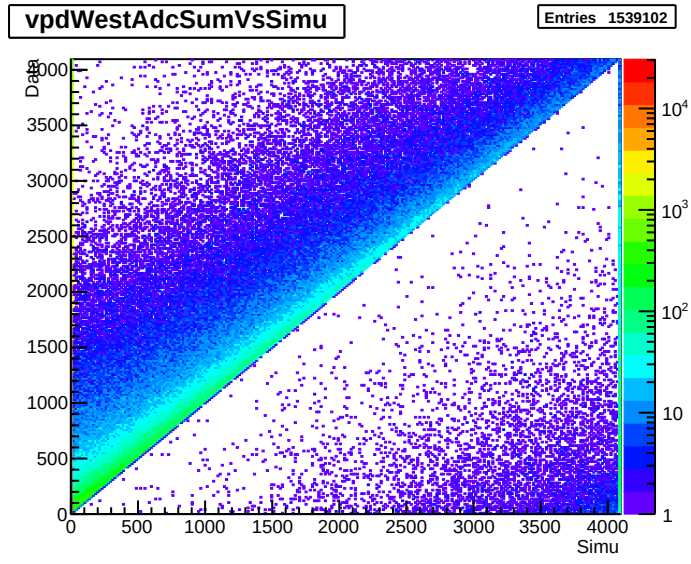

vpdEastNHits
Entries2207210

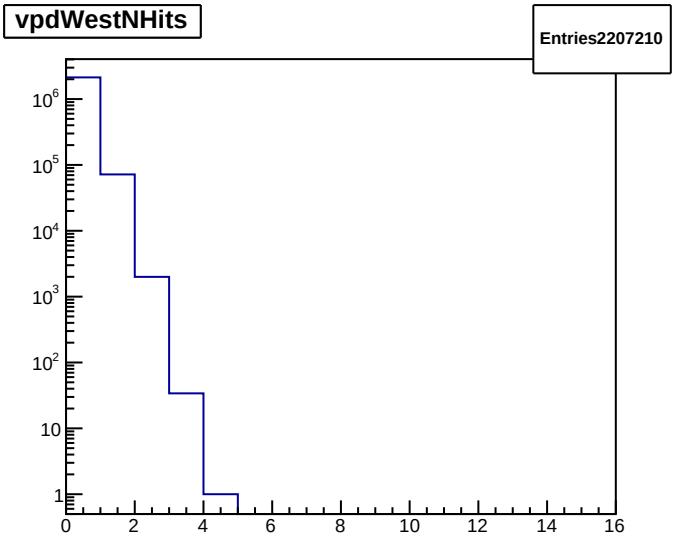

vpdEastNHitsVsSimu
Entries 171684

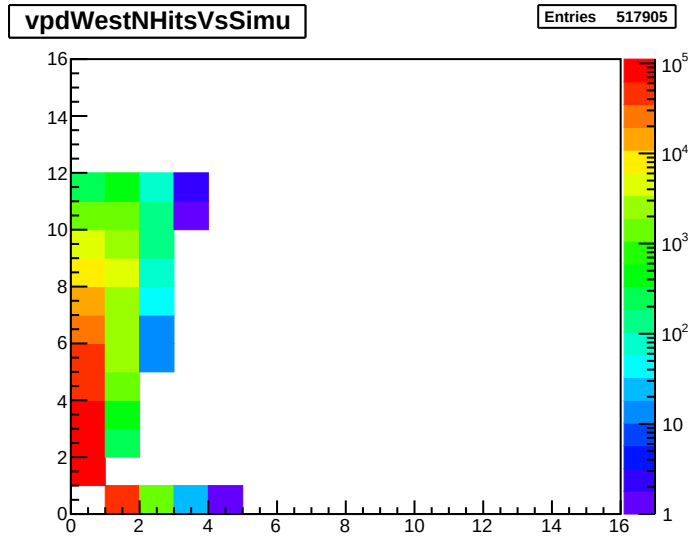

vpdEastTacSum
Entries2207210

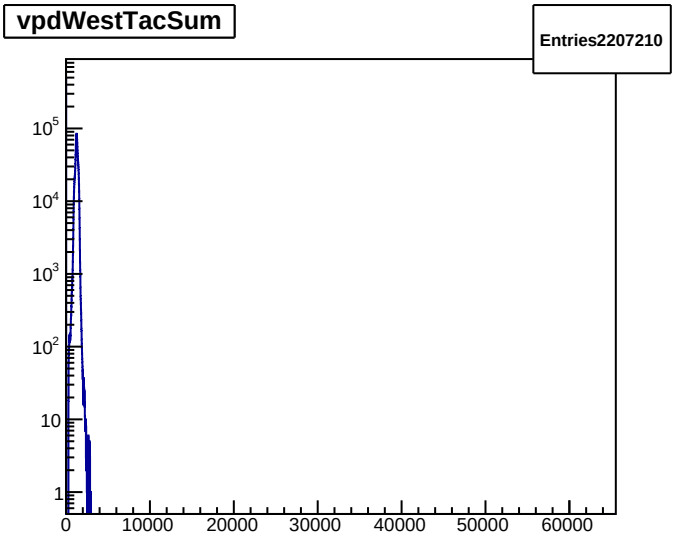

vpdEastTacSumVsSimu
Entries 1801062
Data
Simu

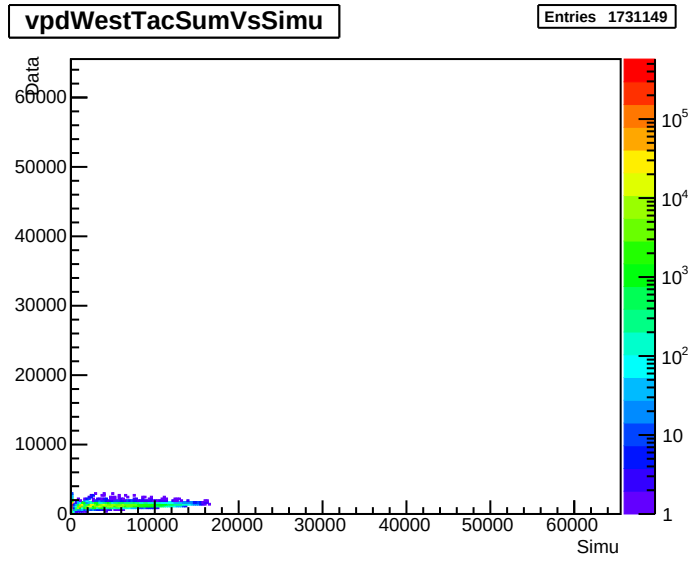

vpdWestAdcSum
Entries2207210

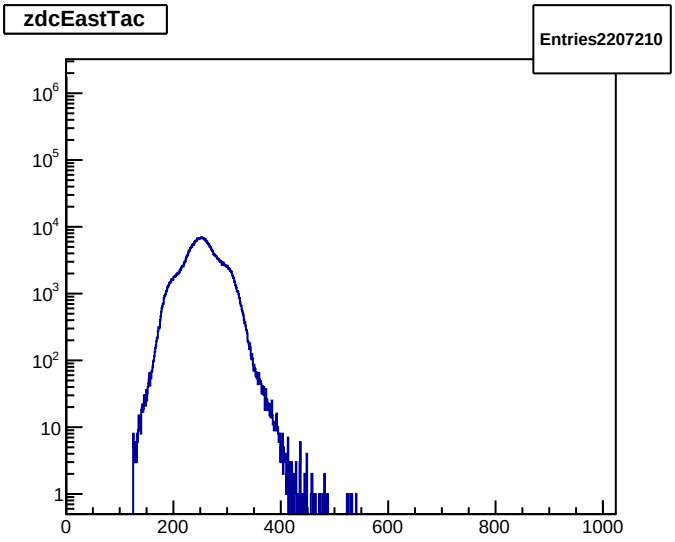

vpdWestAdcSumVsSimu
Entries 1539102
Data
Simu

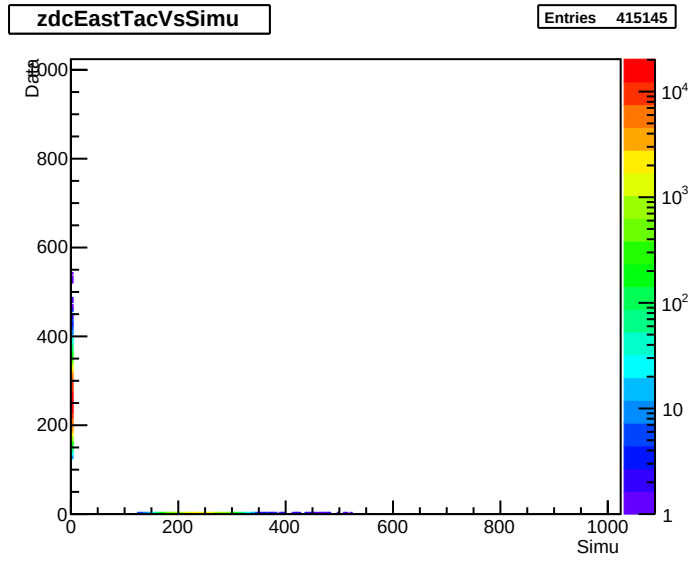

vpdWestNHits
Entries2207210

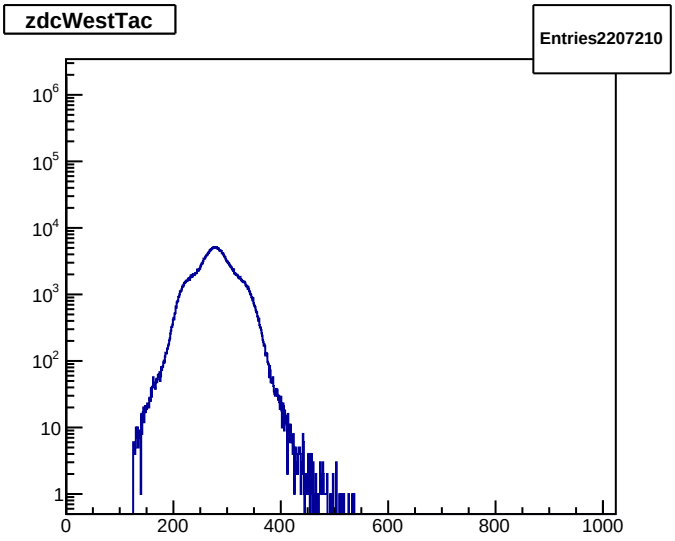

vpdWestNHitsVsSimu
Entries 517905

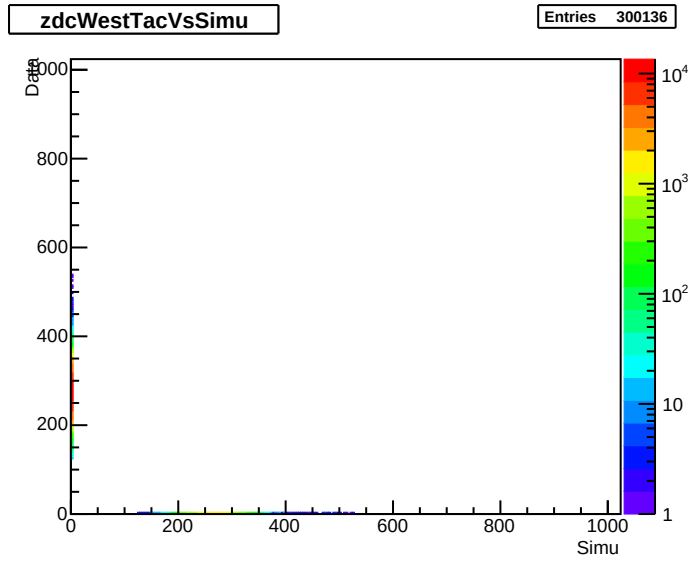

vpdWestTacSum
Entries2207210

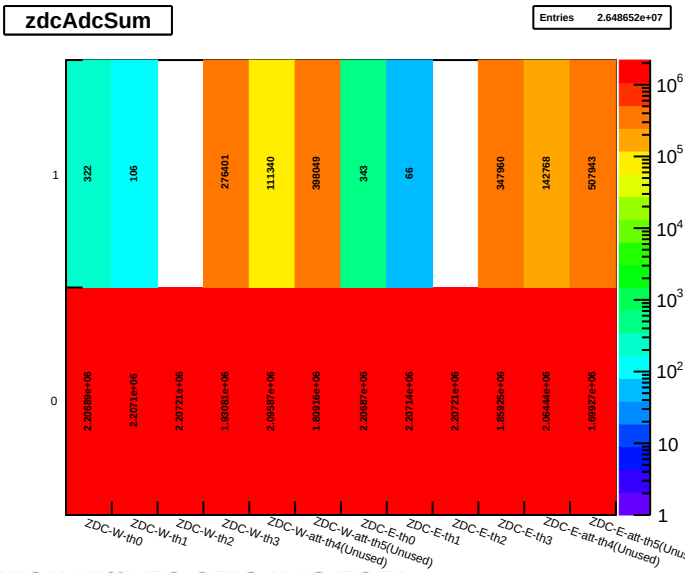

vpdWestTacSumVsSimu
Entries 1731149
Data
Simu

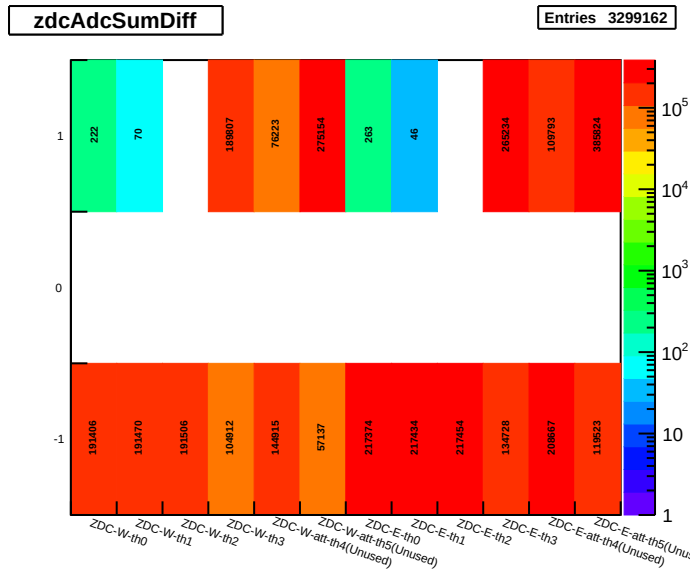

zdcEastTac
Entries2207210

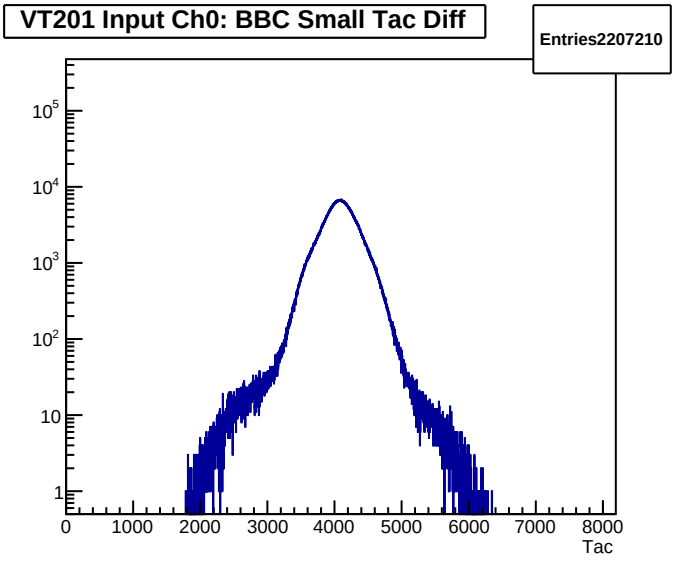

zdcEastTacVsSimu
Entries 415145
Data
Simu

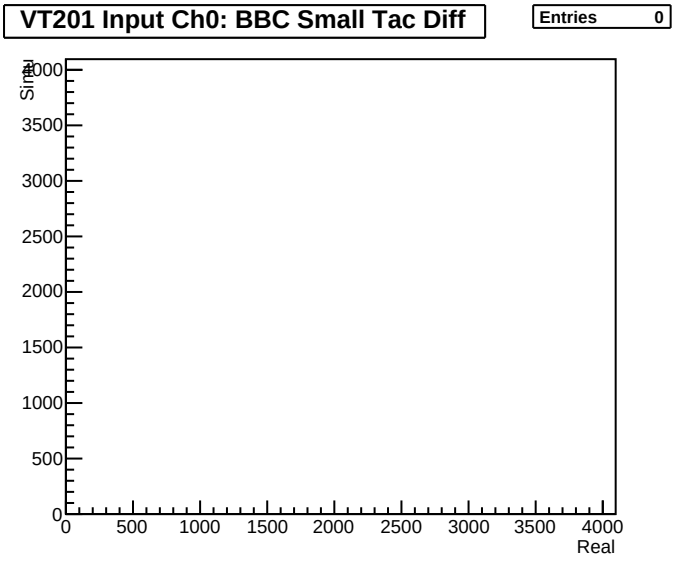

zdcWestTac
Entries2207210

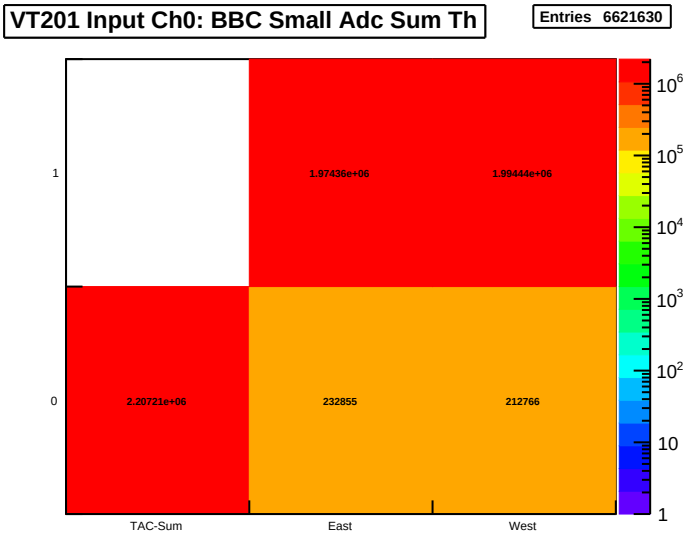

zdcWestTacVsSimu
Entries 300136
Data
Simu

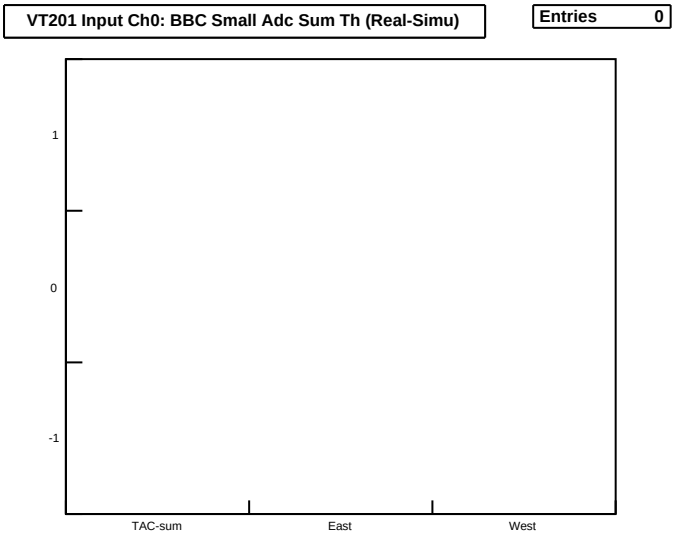

zdcAdcSum
Entries 2.648652e+07
322
106
275401
111340
399049
343
66
347960
142768
507943
2.20688e+06
2.20714e+06
2.20721e+06
1.93081e+06
2.09587e+06
1.80916e+06
2.20687e+06
2.20714e+06
2.20721e+06
1.88925e+06
2.06444e+06
1.68927e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

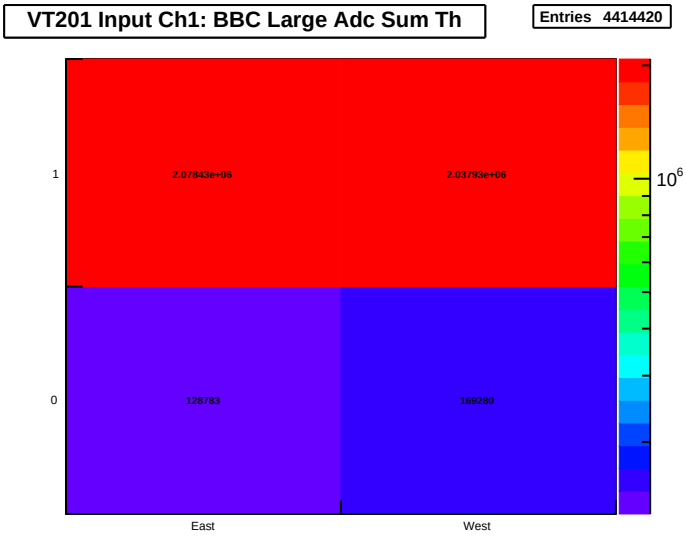

zdcAdcSumDiff
Entries 3299162
222
70
189807
76223
275154
263
46
265234
109793
385924
191406
191470
191506
104912
144915
57137
217374
217434
217454
134728
208667
119523
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

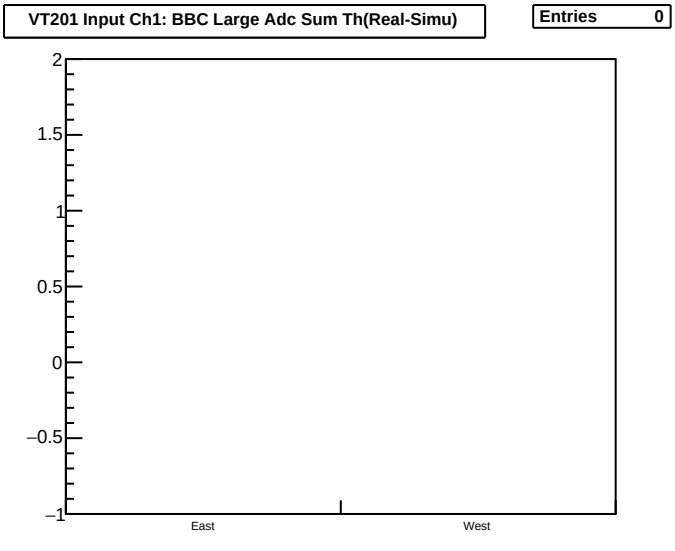

VT201 Input Ch0: BBC Small Tac Diff
Entries2207210
Tac


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

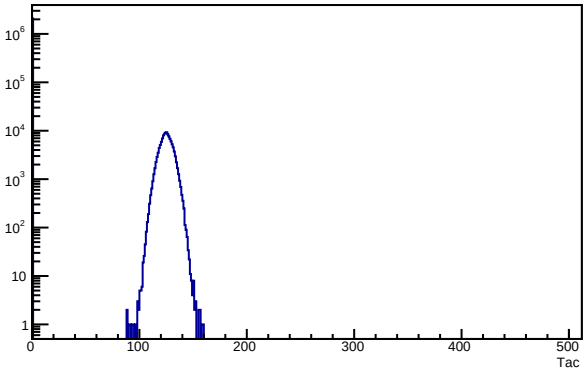

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6621630
1.97436e+06
1.99444e+06
2.20721e+06
232855
212766
TAC-Sum
East
West


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

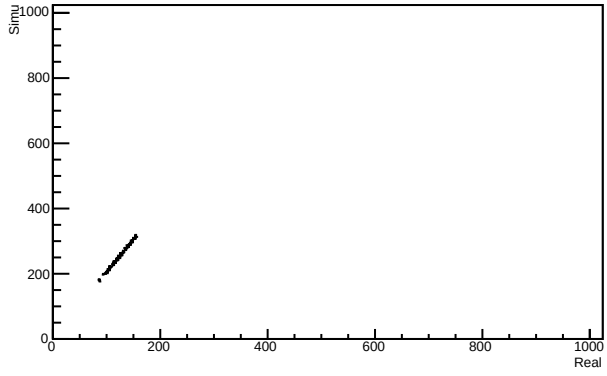

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4414420
2.07843e+06
2.03793e+06
128783
169280
East
West


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

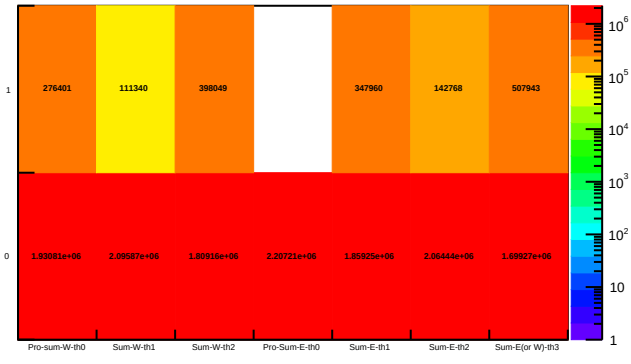
VT201 Input Ch2: ZDC Tac Diff



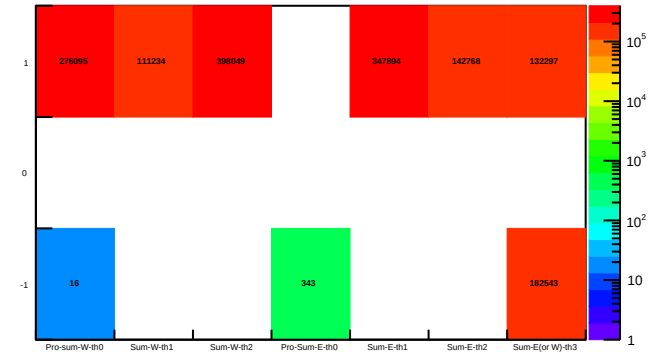
VT201 Input Ch2: ZDC Tac Diff



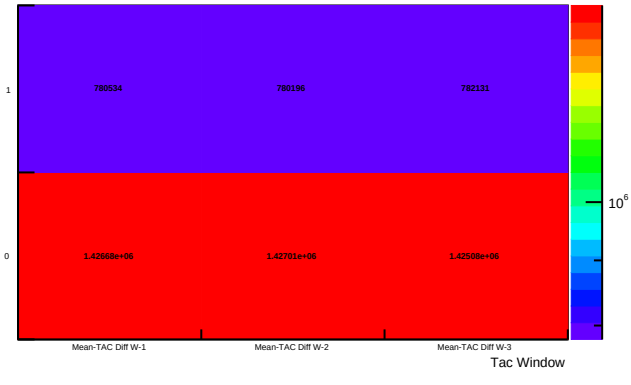
VT201 Input Ch2: ZDC Adc Sum Th



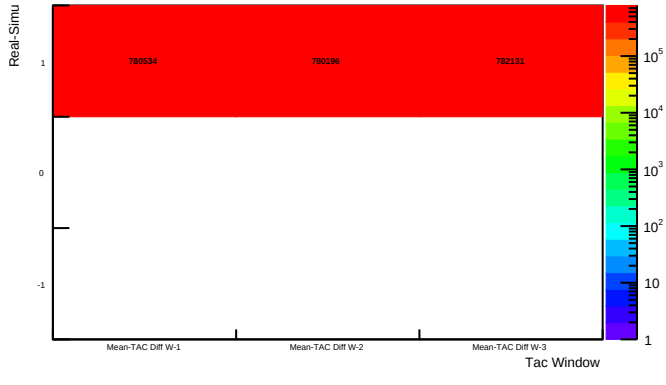
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



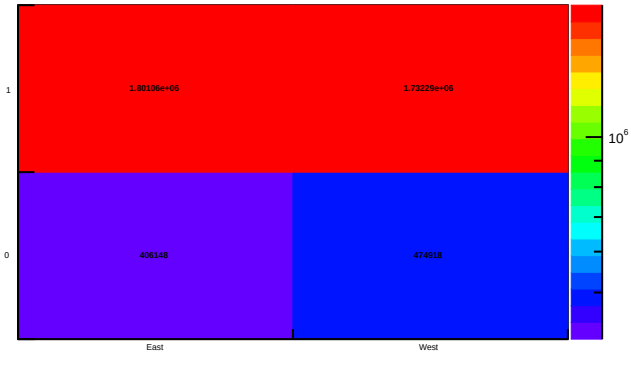
VT201 Input Ch4: VPD Tac Diff



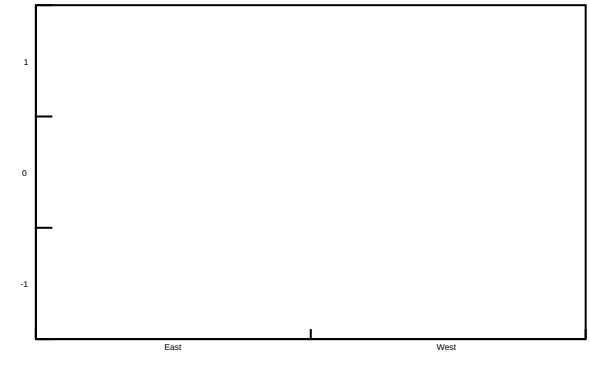
VT201 Input Ch4: VPD Tac Diff

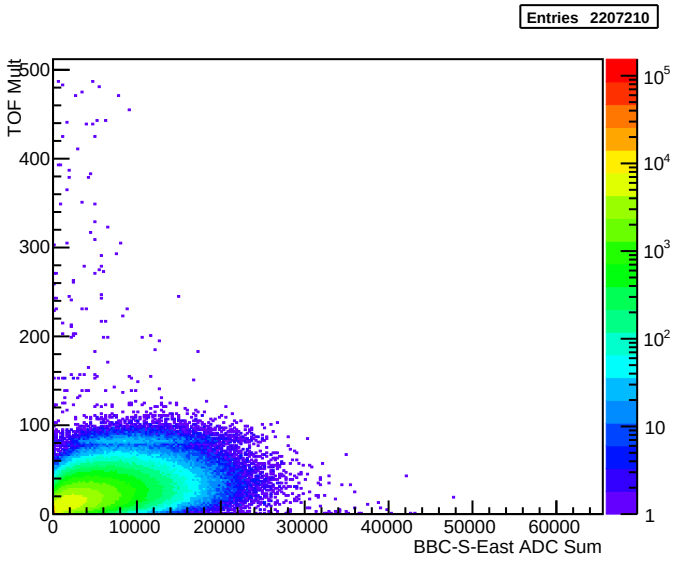


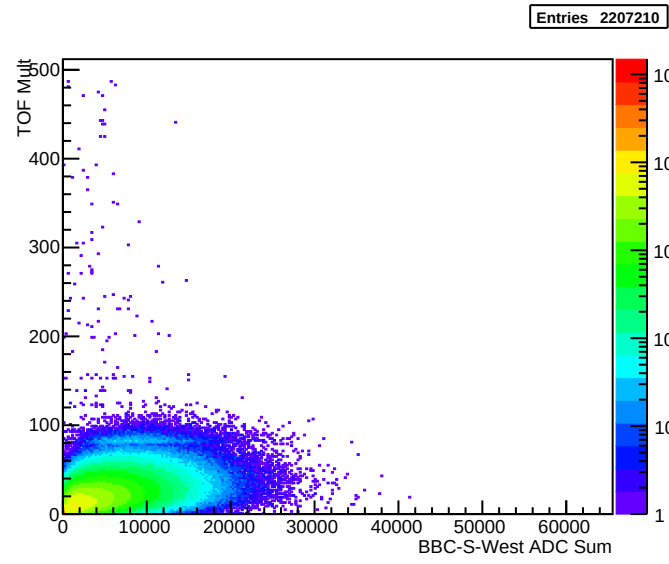
VT201 Input Ch4: VPD Adc Sum Th

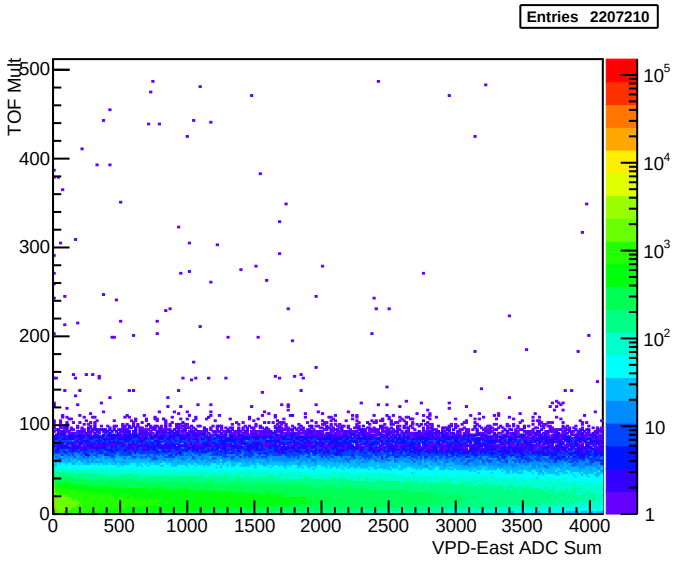


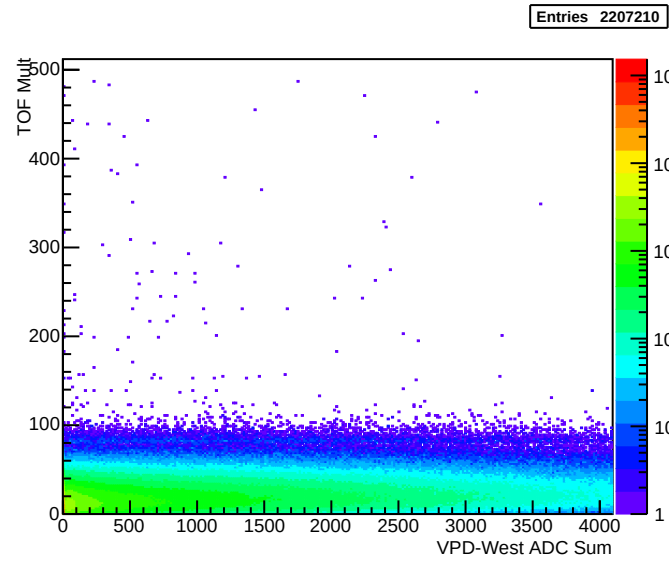
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

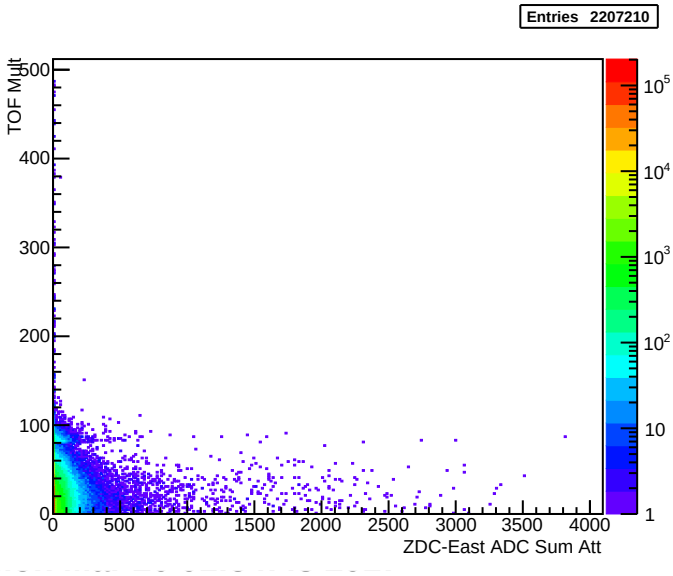


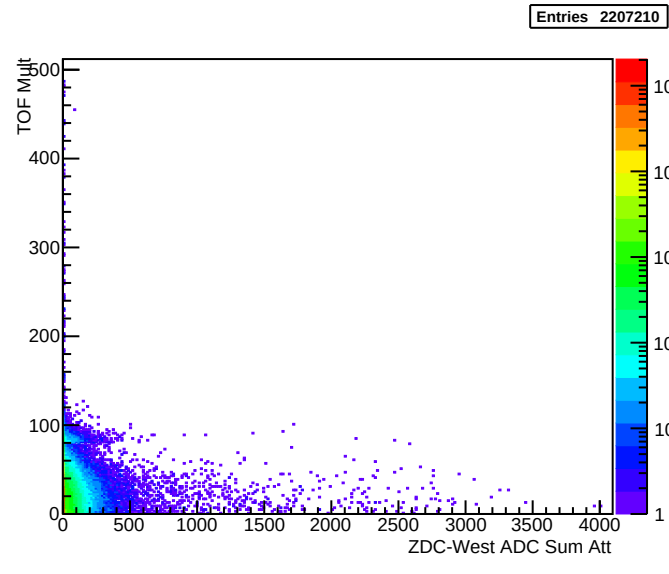

Entries 2207210
TOF Mult
BBC-S-East ADC Sum

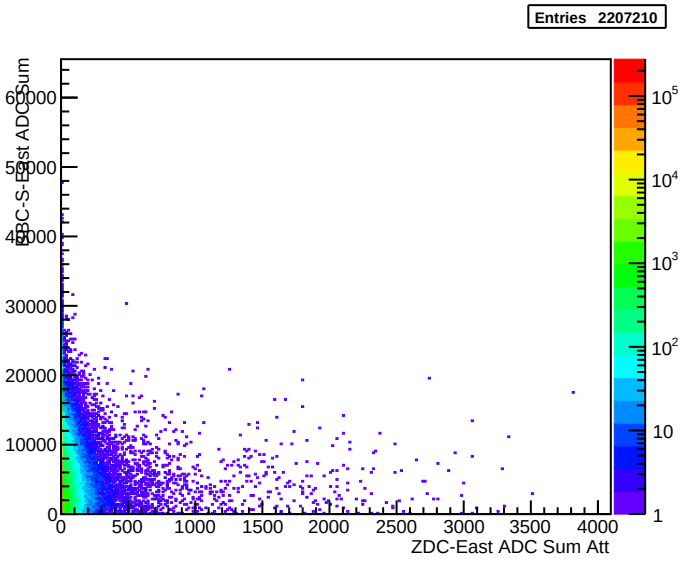

Entries 2207210
TOF Mult
BBC-S-West ADC Sum

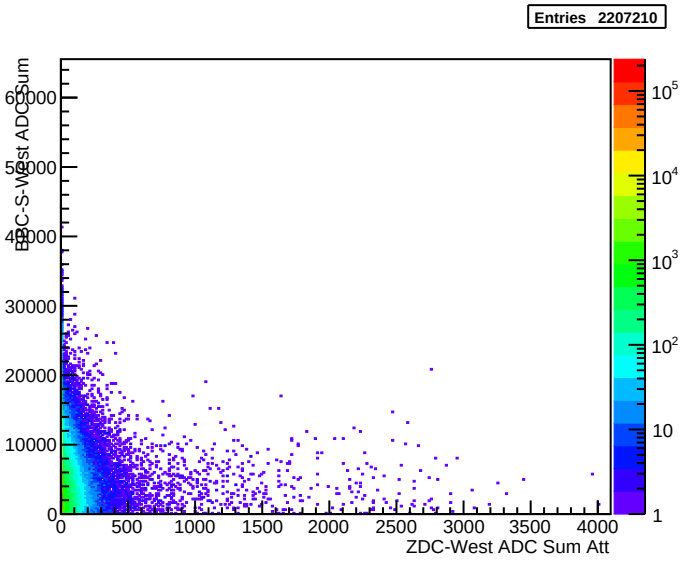

Entries 2207210
TOF Mult
VPD-East ADC Sum

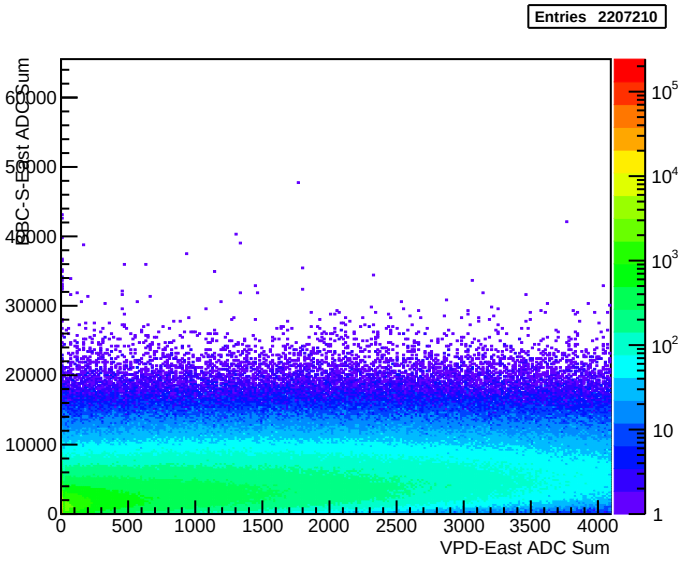

Entries 2207210
TOF Mult
VPD-West ADC Sum

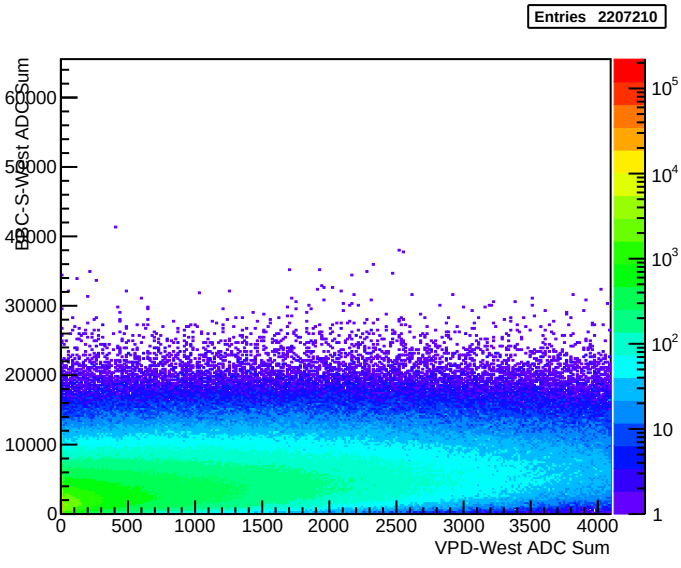

Entries 2207210
TOF Mult
ZDC-East ADC Sum Att

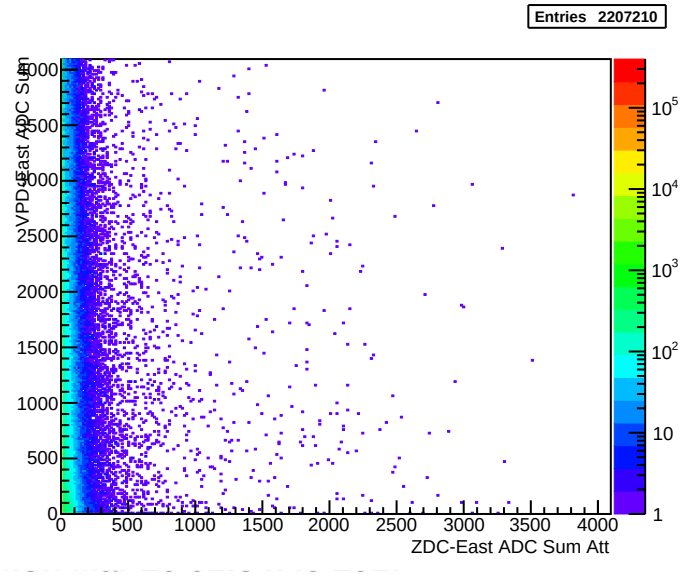

Entries 2207210
TOF Mult
ZDC-West ADC Sum Att

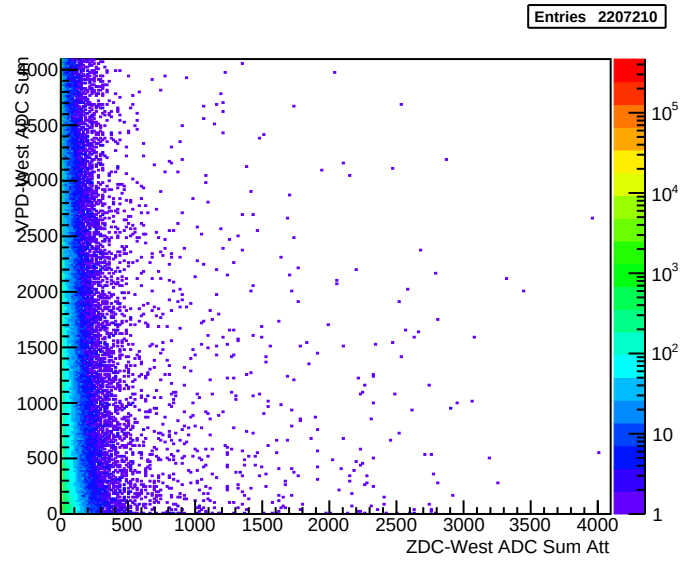

Entries 2207210
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

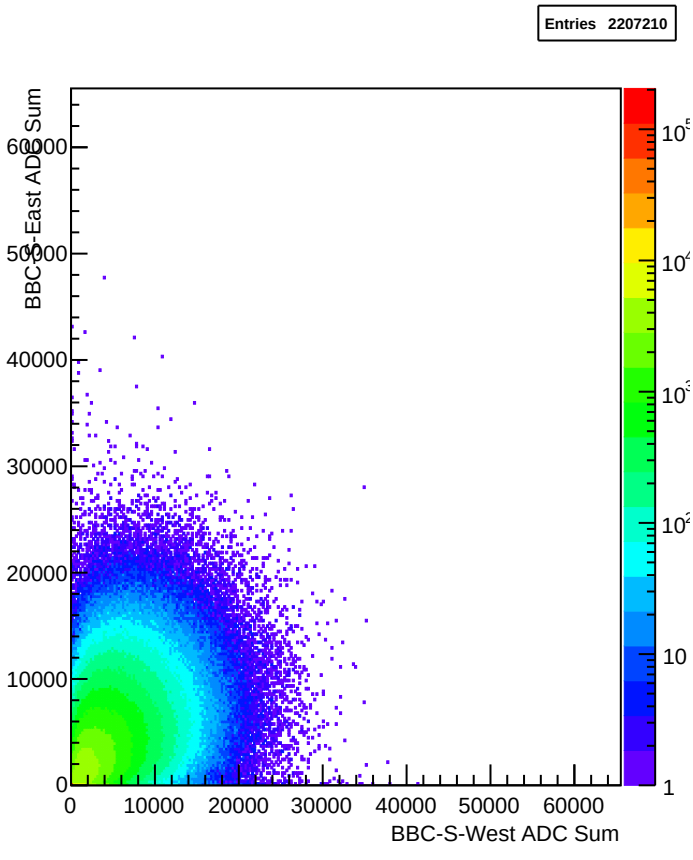

Entries 2207210
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

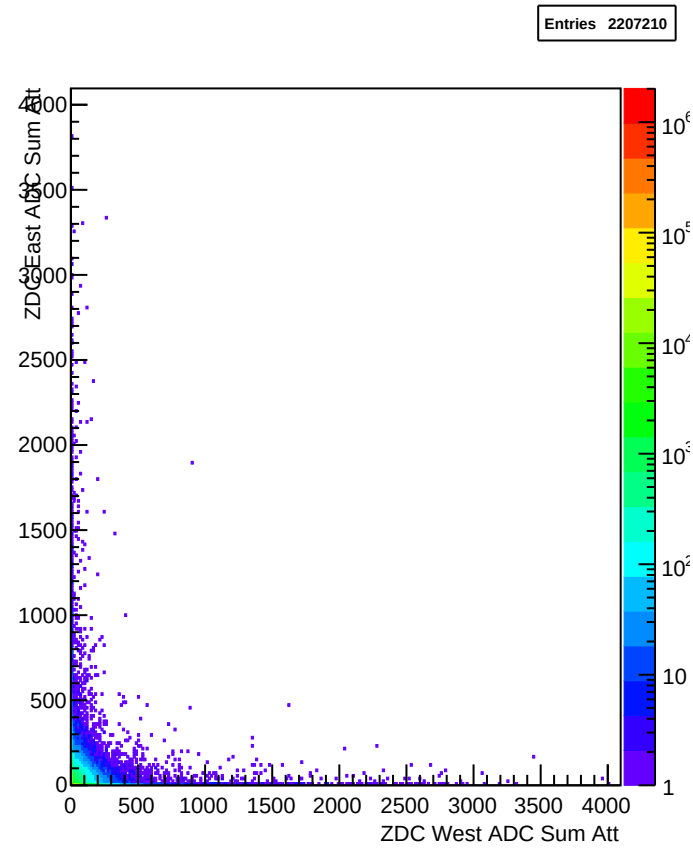

Entries 2207210
BBC-S-East ADC Sum
VPD-East ADC Sum

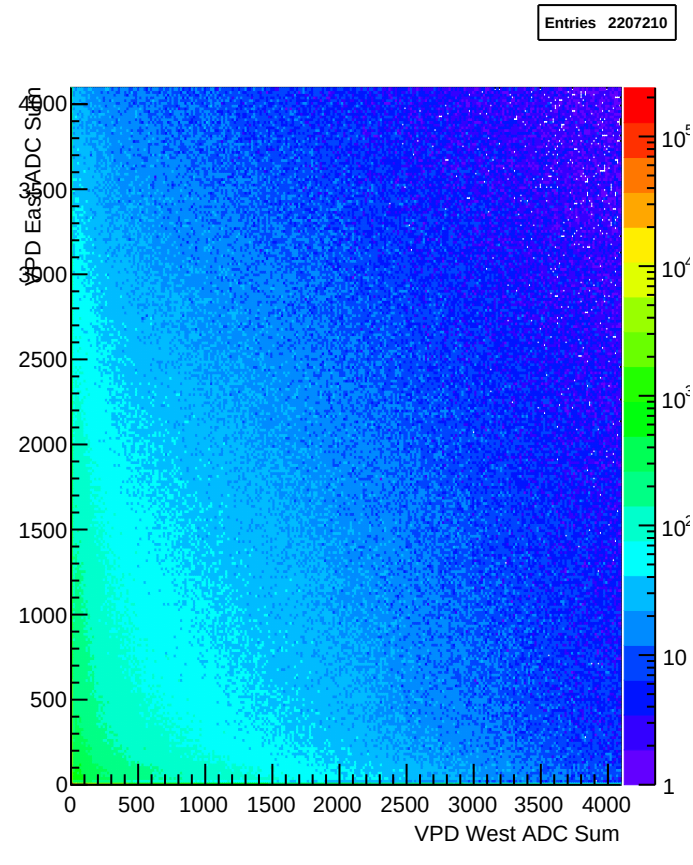

Entries 2207210
BBC-S-West ADC Sum
VPD-West ADC Sum

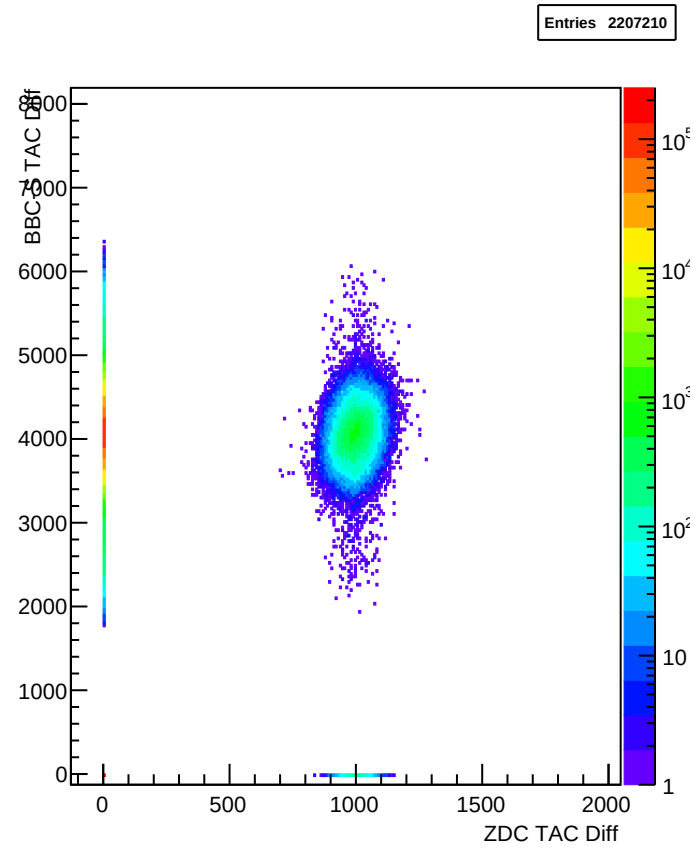

Entries 2207210
VPD-East ADC Sum
ZDC-East ADC Sum Att

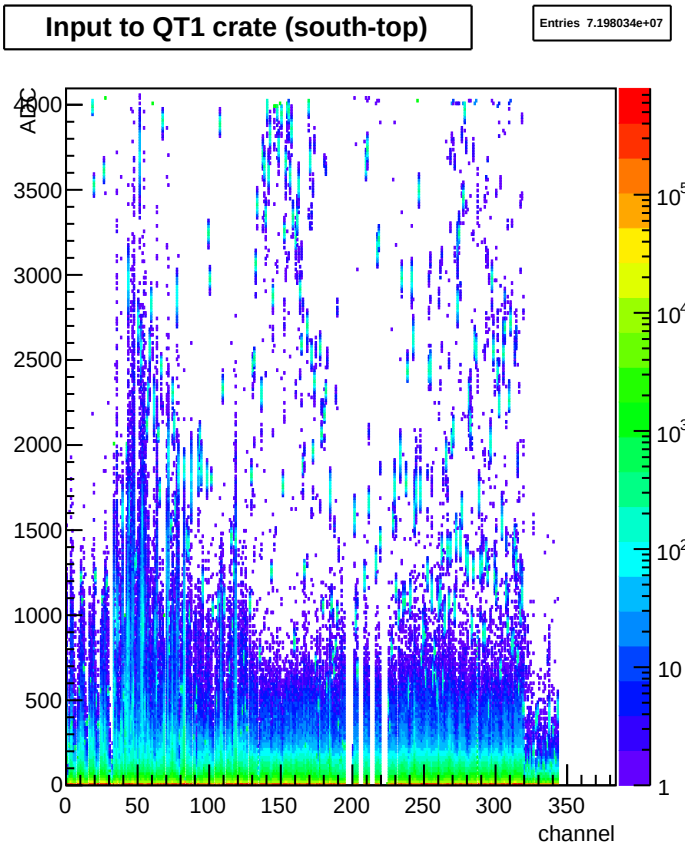

Entries 2207210
VPD-West ADC Sum
ZDC-West ADC Sum Att

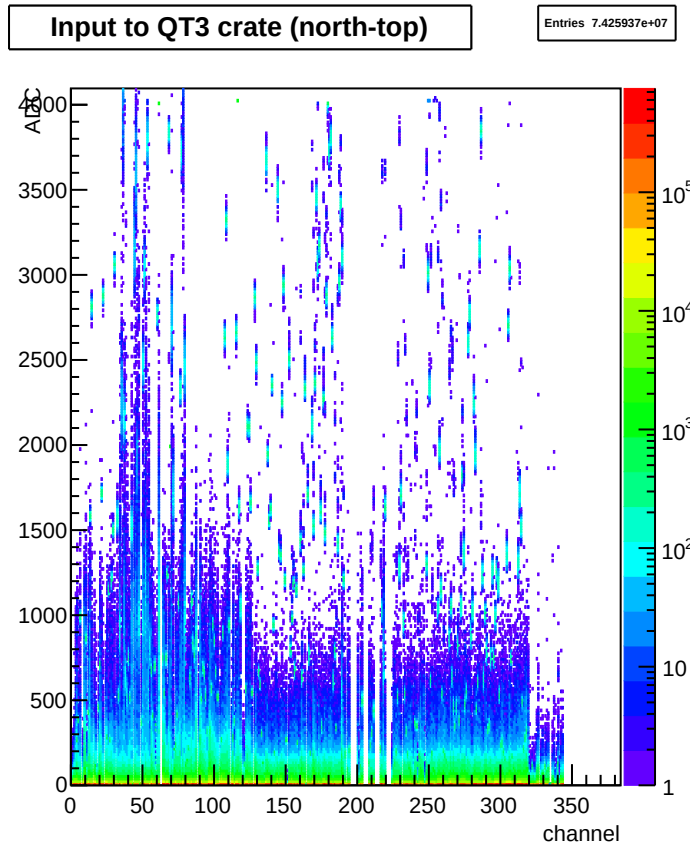

Entries 2207210
BBC-S-East ADC Sum
BBC-S-West ADC Sum

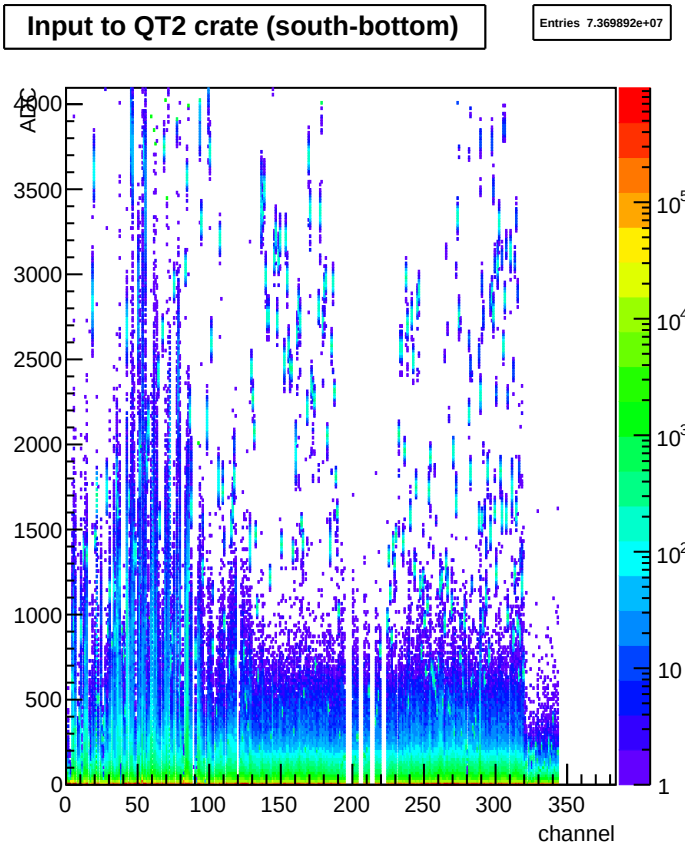

Entries 2207210
ZDC East ADC Sum Att
ZDC West ADC Sum Att

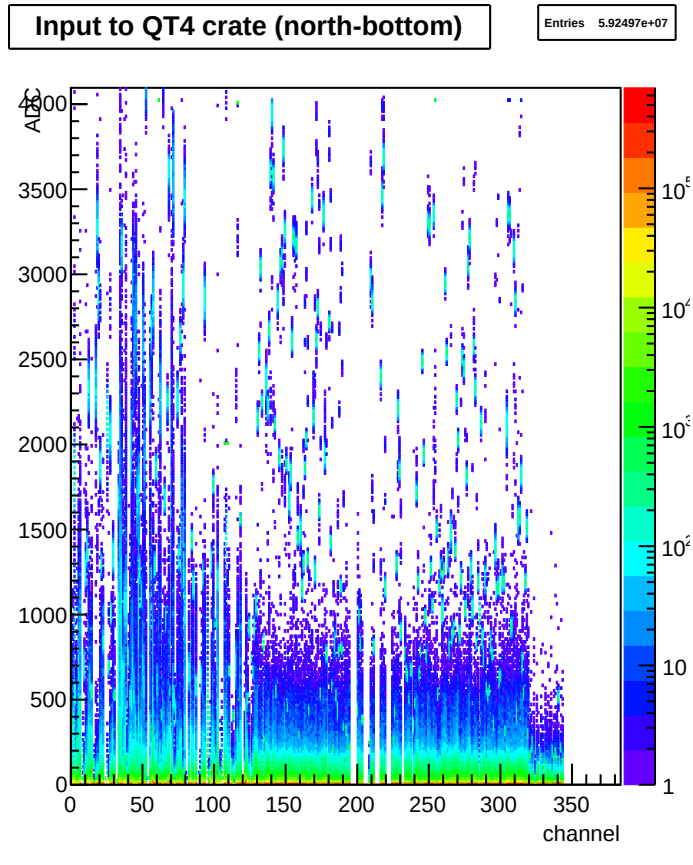

Entries 2207210
VPD East ADC Sum
VPD West ADC Sum

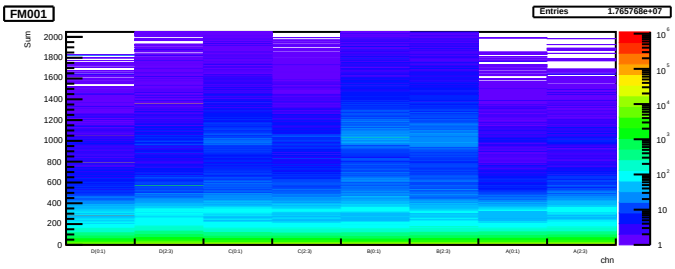

Entries 2207210
BBC-S TAC Diff
ZDC TAC Diff

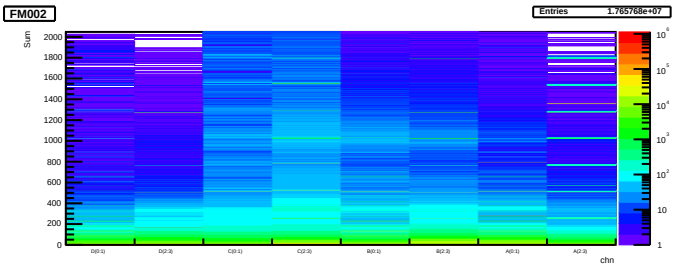

Input to QT1 crate (south-top)
Entries 7.198034e+07
ADC
channel

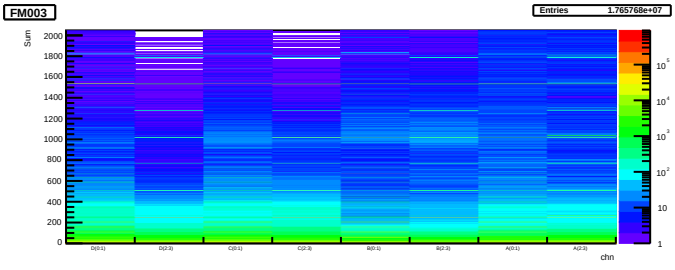

Input to QT3 crate (north-top)
Entries 7.425937e+07
ADC
channel

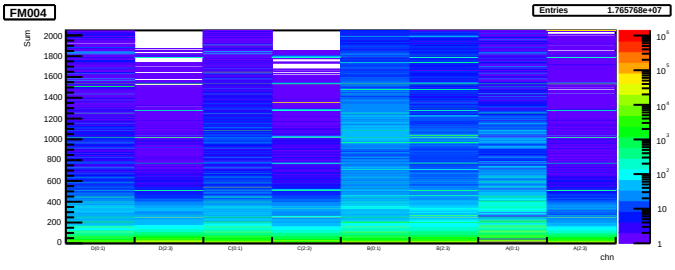

Input to QT2 crate (south-bottom)
Entries 7.369892e+07
ADC
channel

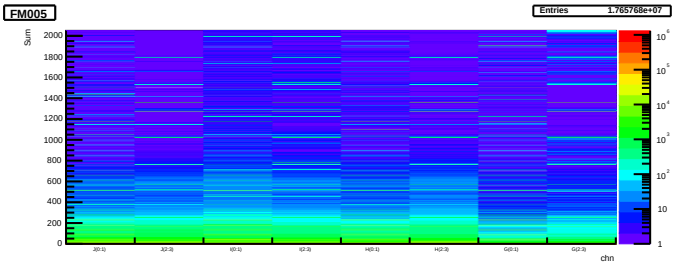

Input to QT4 crate (north-bottom)
Entries 5.92497e+07
ADC
channel

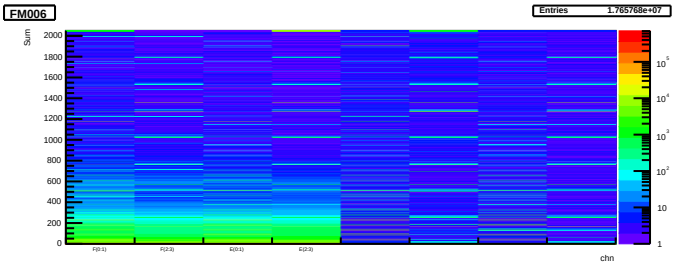

FM001
Entries 1.765768e+07
Sum
chn

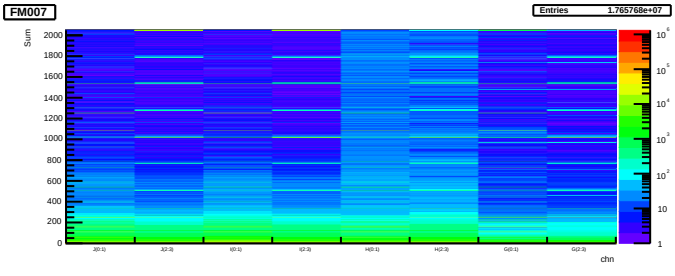

FM002
Entries 1.765768e+07
Sum
chn

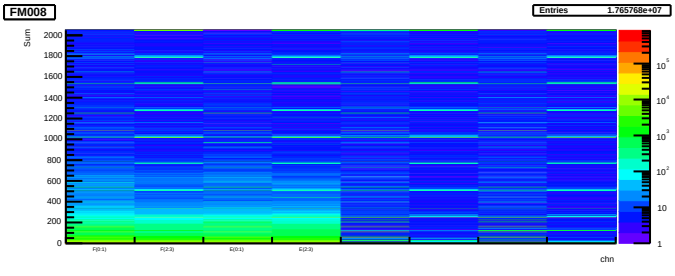

FM003
Entries 1.765768e+07
Sum
chn


FM004
Entries 1.765768e+07
Sum
chn


FM005
Entries 1.765768e+07
Sum
chn


FM006
Entries 1.765768e+07
Sum
chn


FM007
Entries 1.765768e+07
Sum
chn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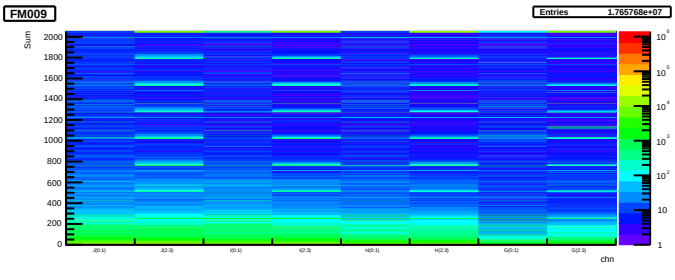
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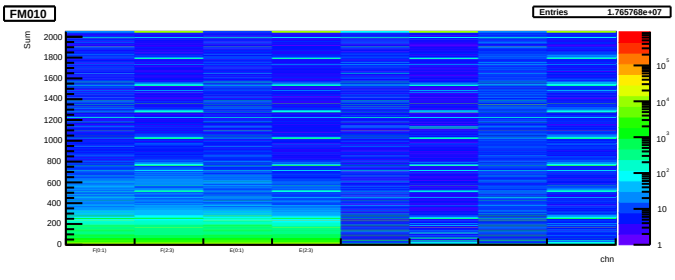
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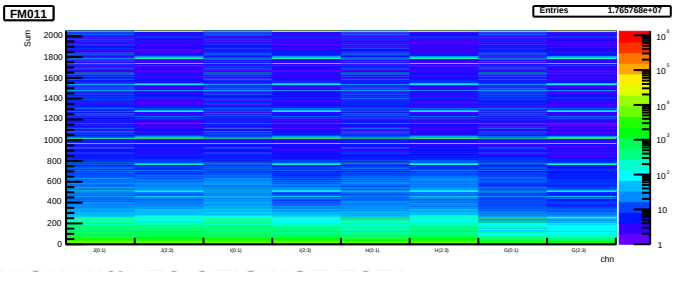
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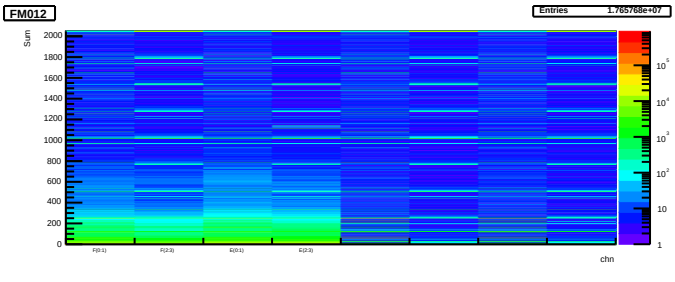
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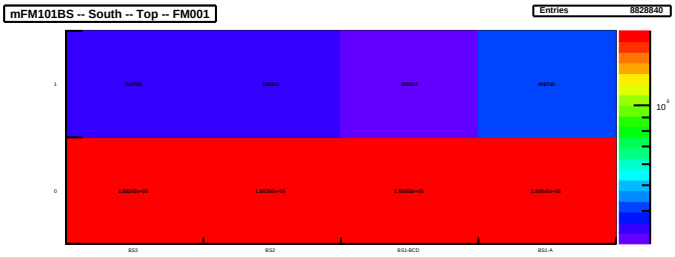
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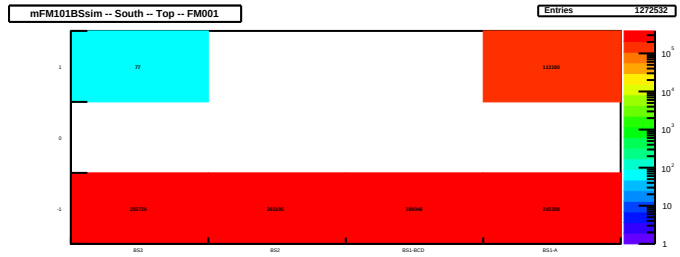
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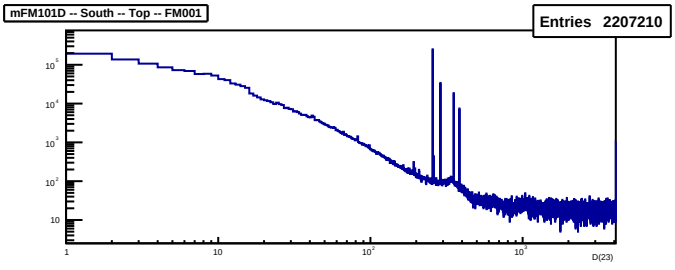
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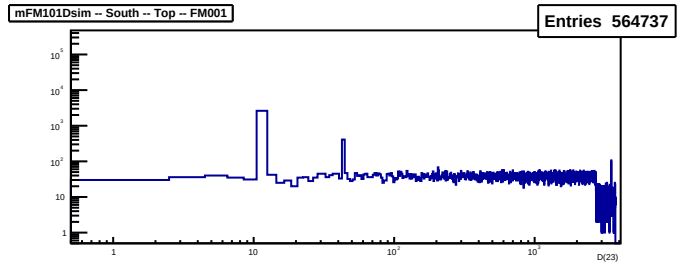
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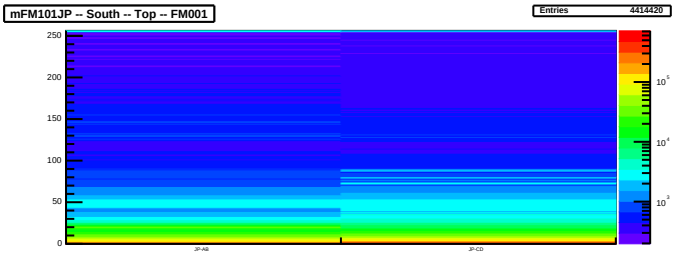
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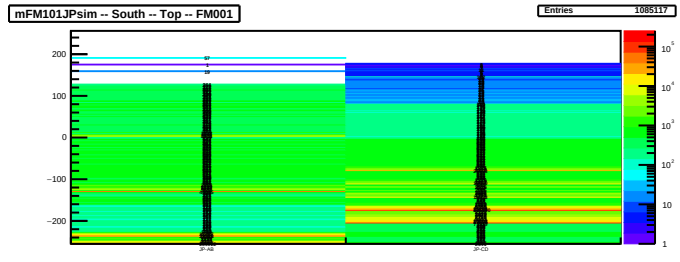
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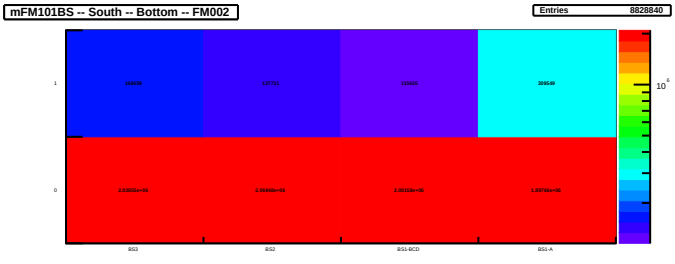
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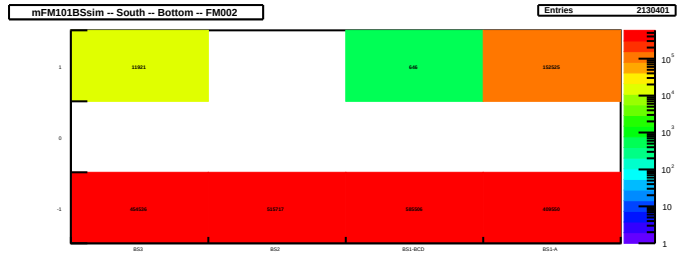
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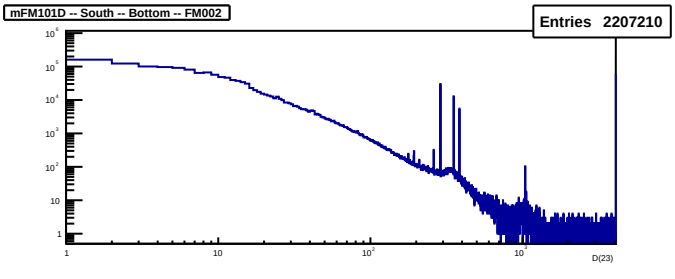
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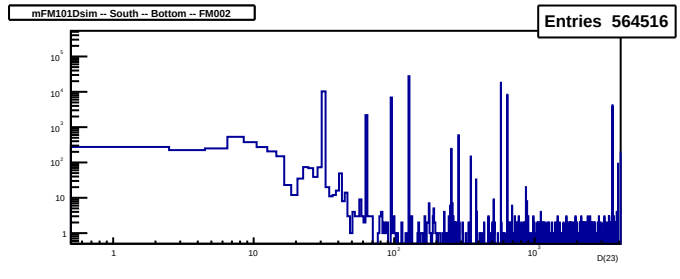
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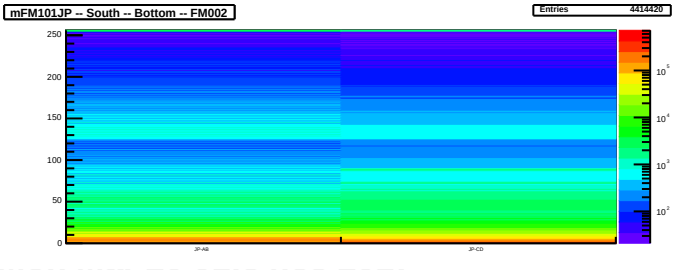
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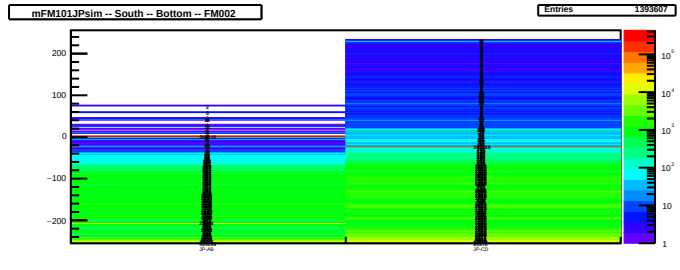
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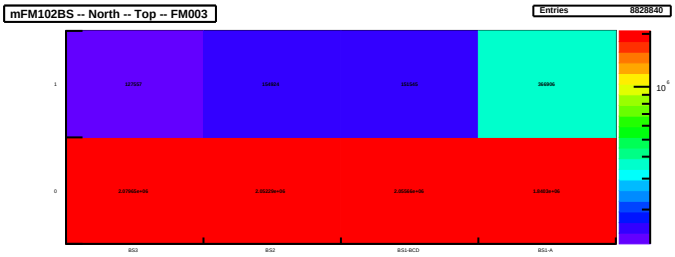
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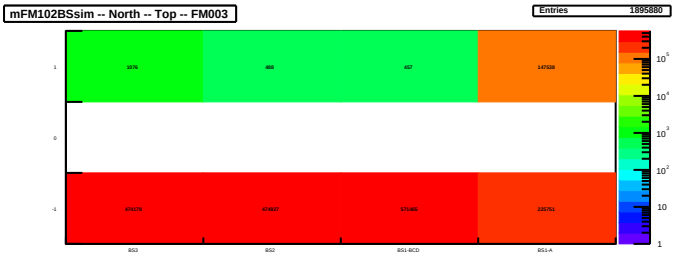
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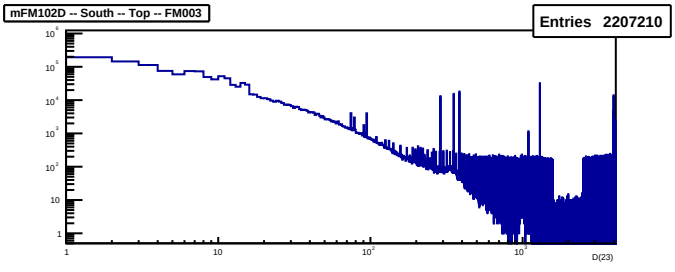
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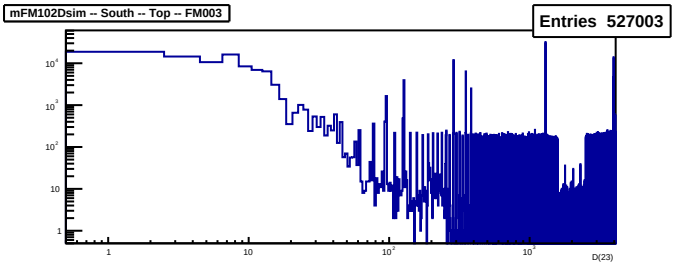
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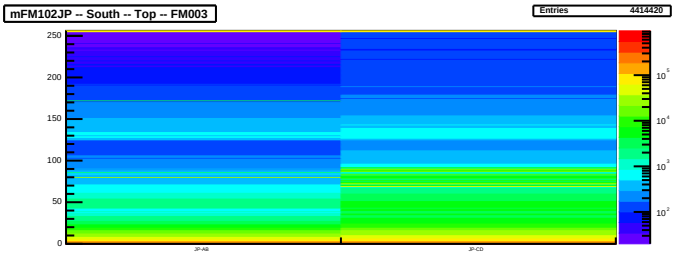
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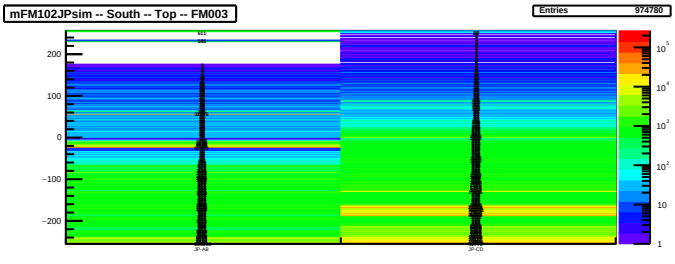
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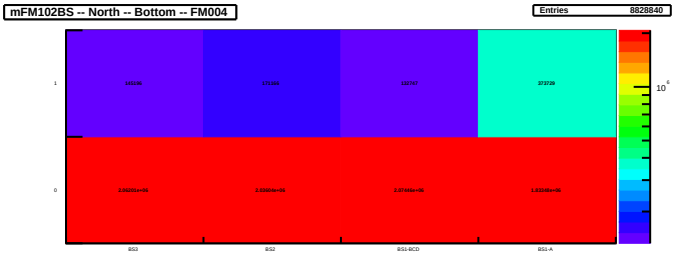
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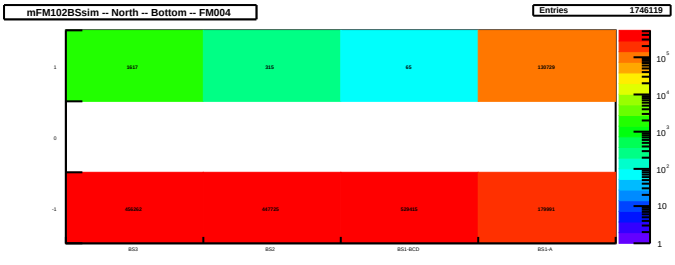
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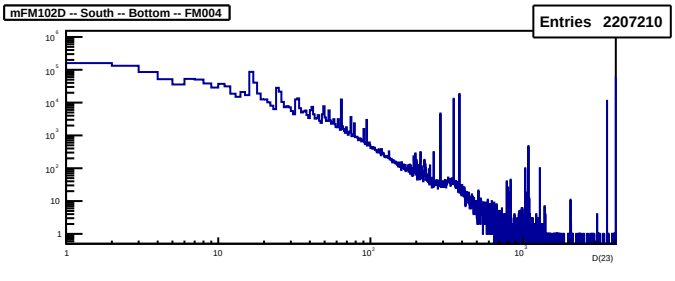
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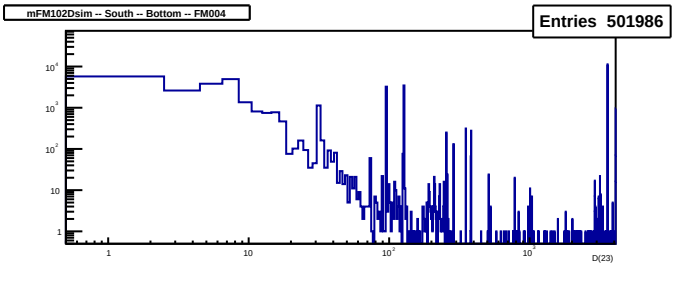
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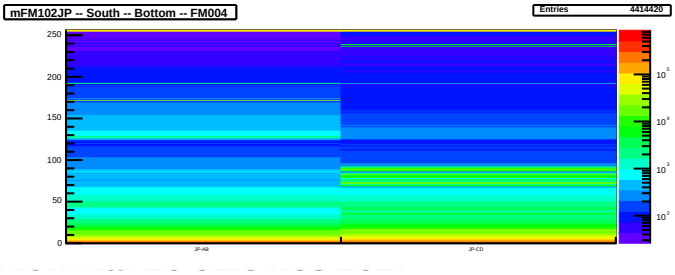
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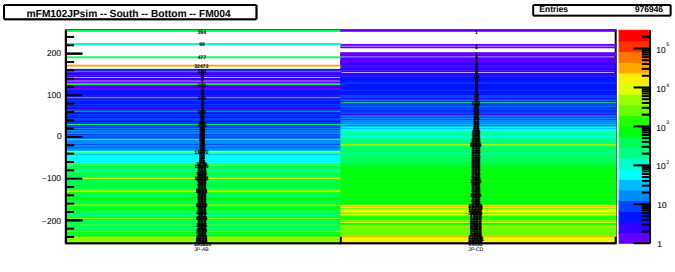
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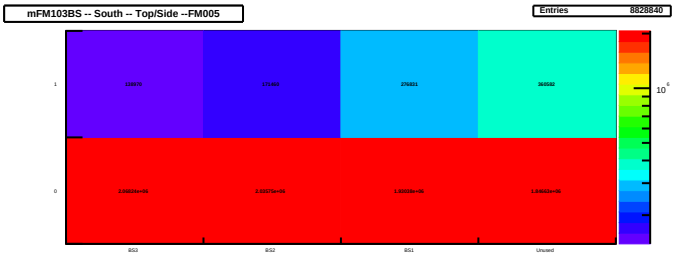
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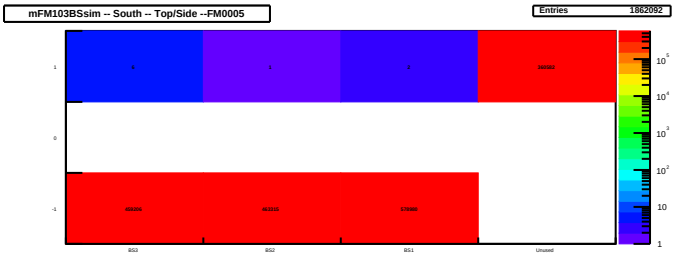
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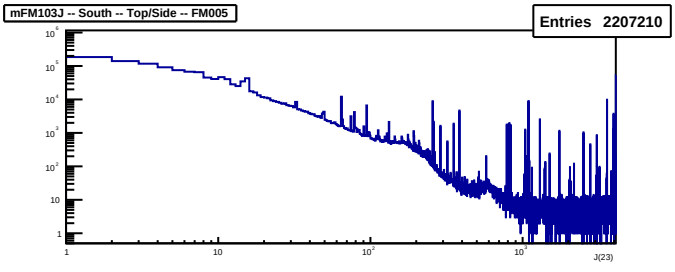
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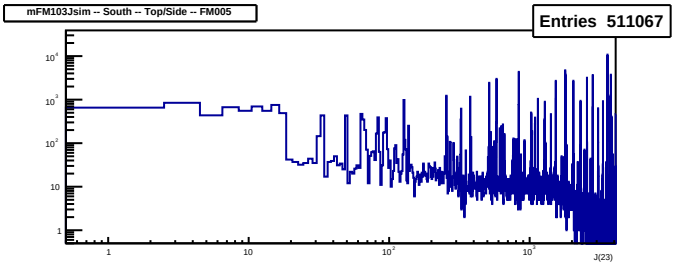
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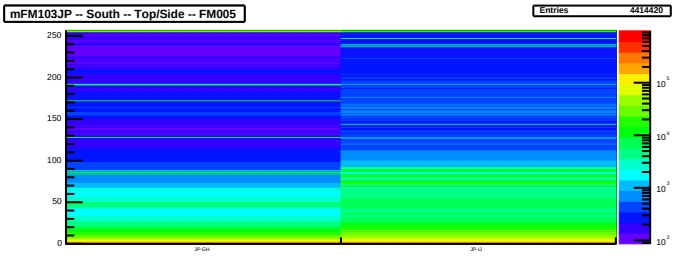
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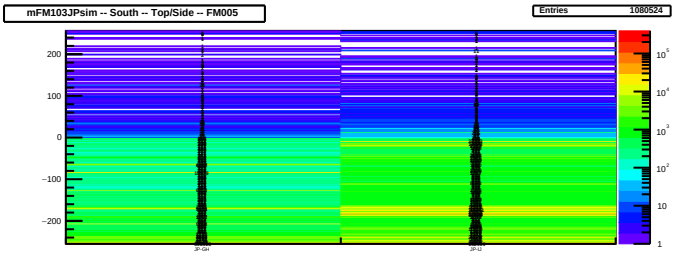
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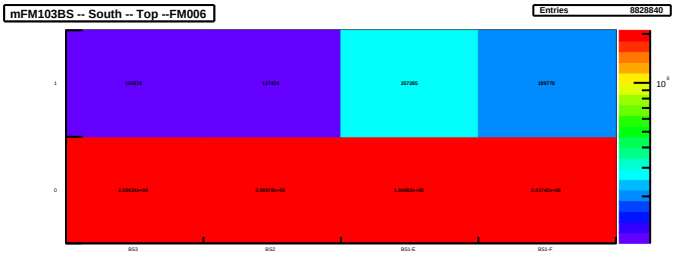
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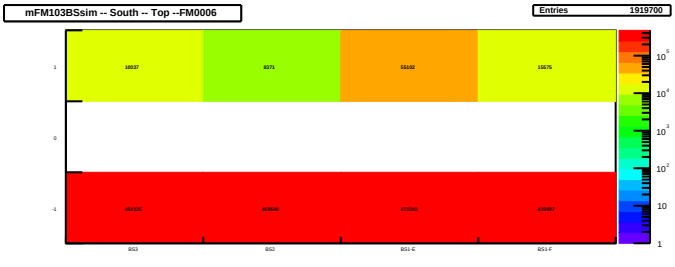
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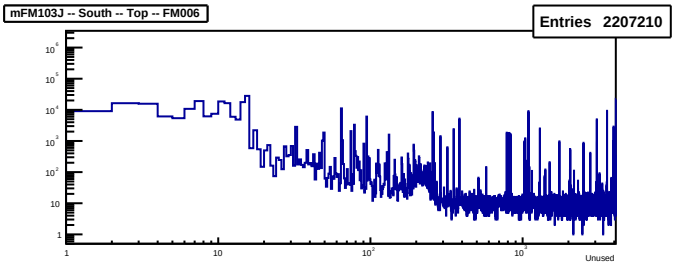
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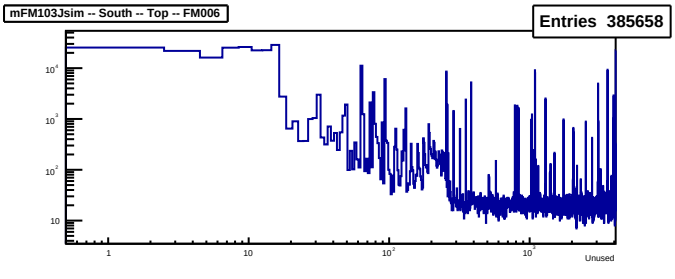
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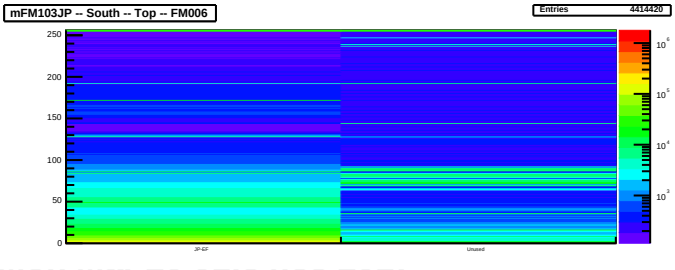
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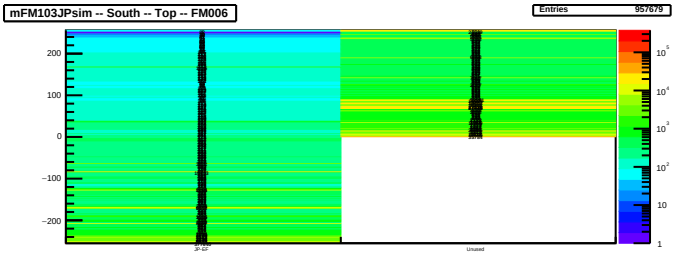
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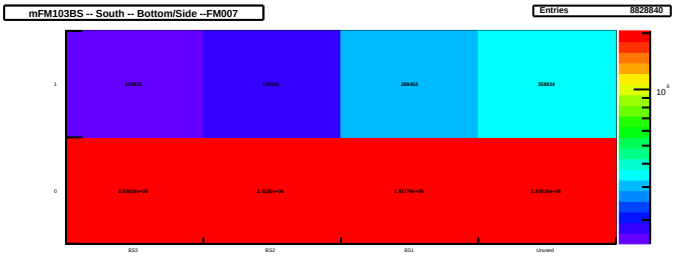
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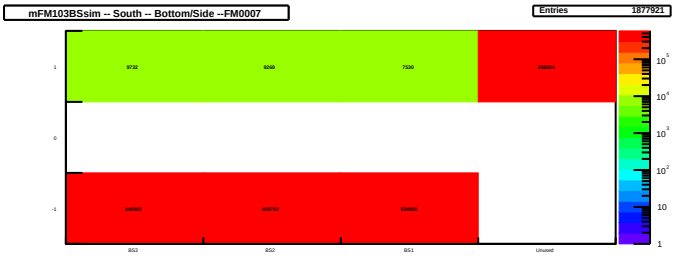
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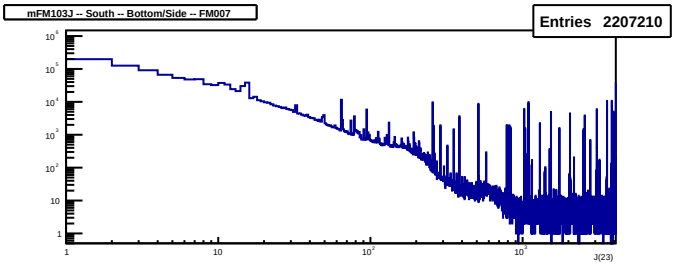
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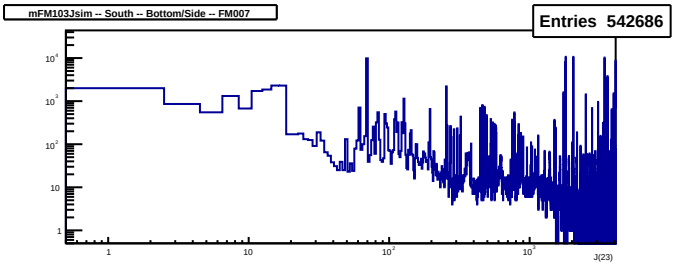
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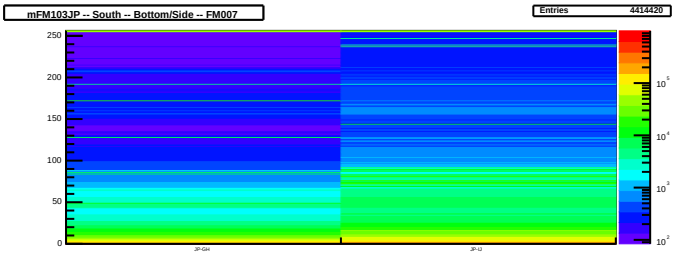
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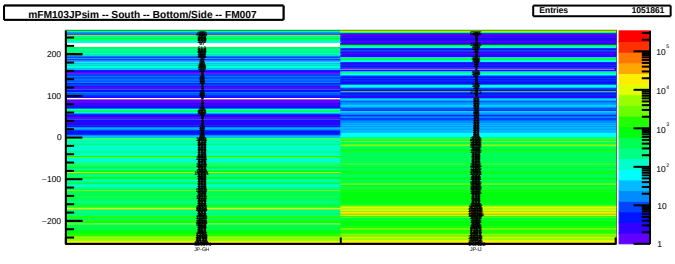
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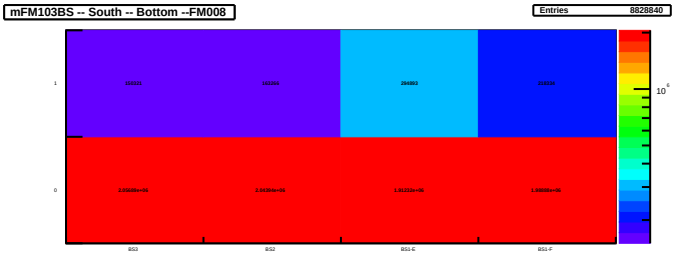
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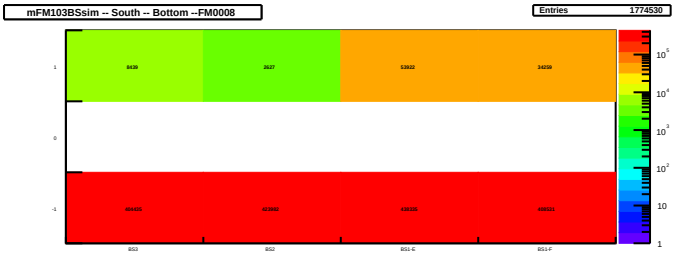
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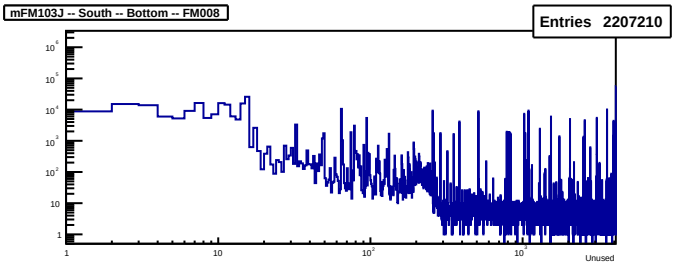
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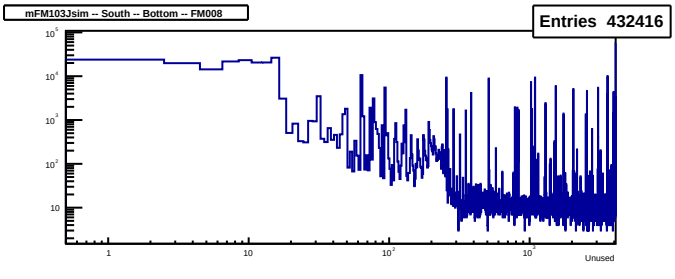
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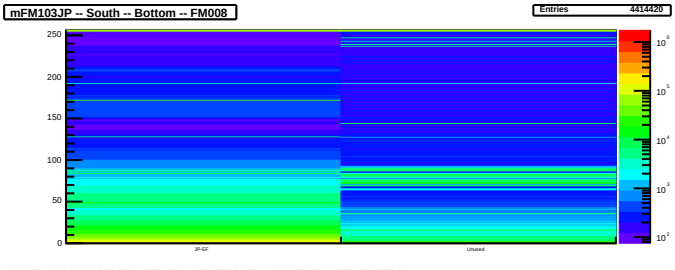
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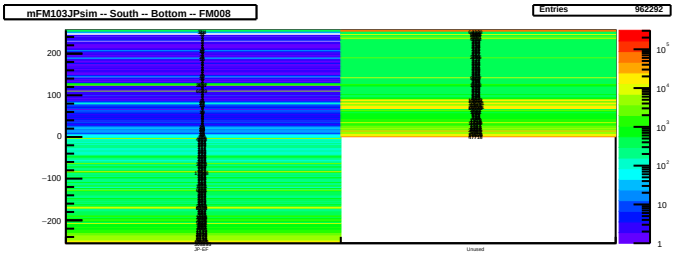
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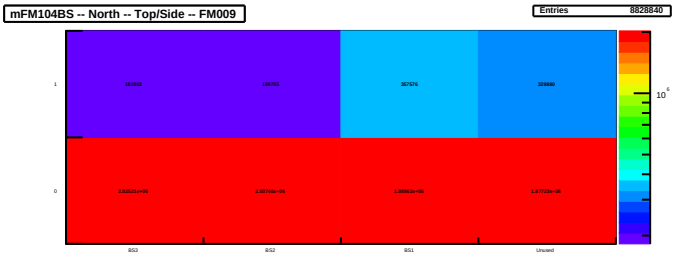
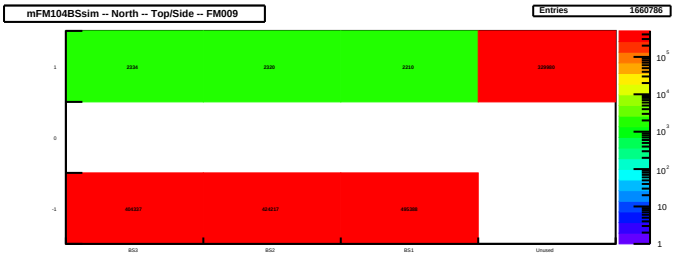
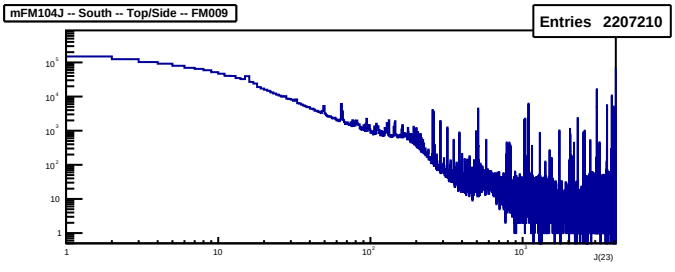
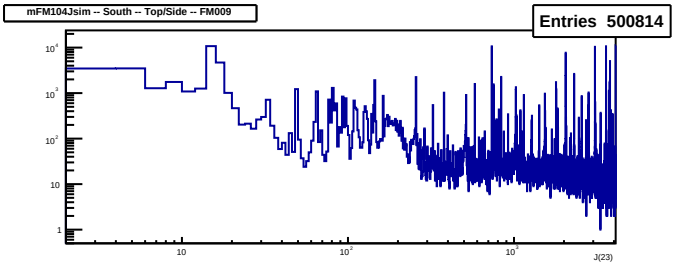

mFM104BS -- North -- Top/Side -- FM009
Entries 8828840


mFM104BSsim -- North -- Top/Side -- FM009
Entries 1660786


mFM104J -- South -- Top/Side -- FM009
Entries 2207210
J(23)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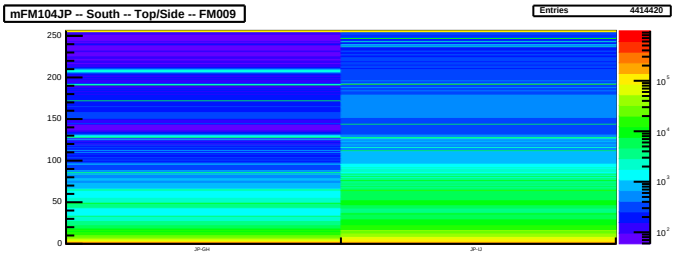
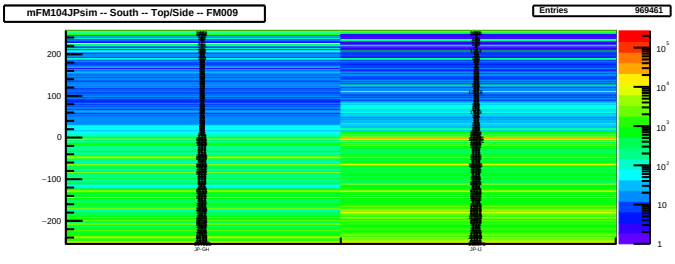
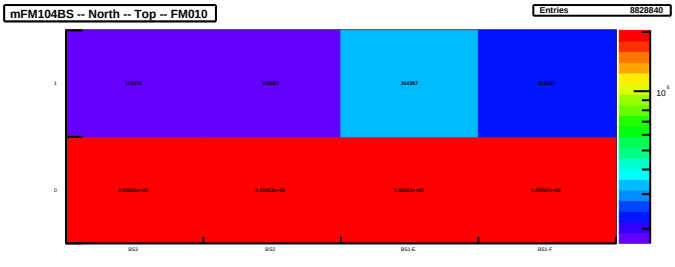
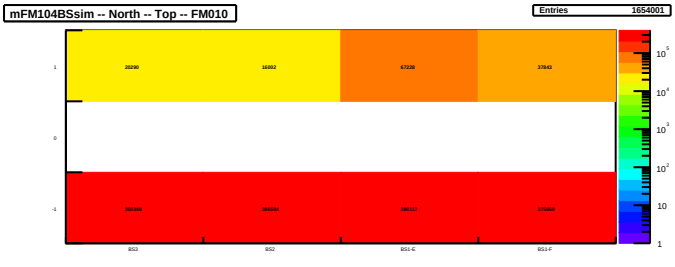
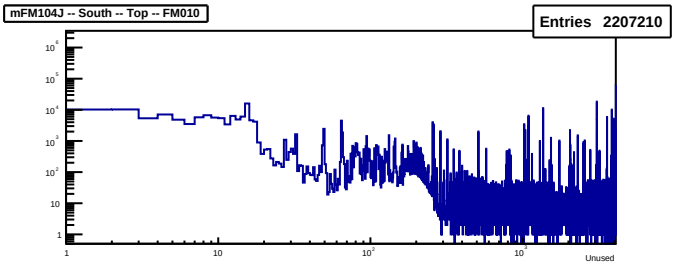
Entries 500814
J(23)

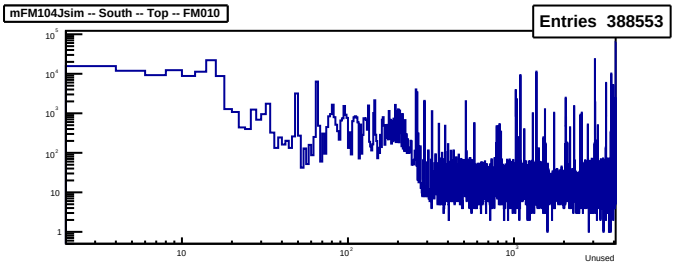

mFM104JP -- South -- Top/Side -- FM009
Entries 4414420

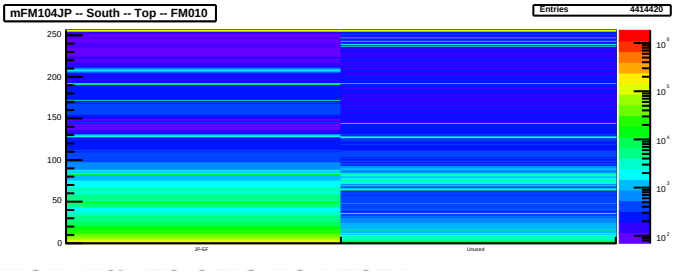

mFM104JPsim -- South -- Top/Side -- FM009
Entries 969461

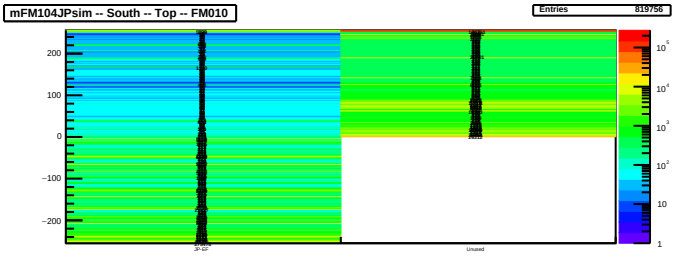

mFM104BS -- North -- Top -- FM010
Entries 8828840

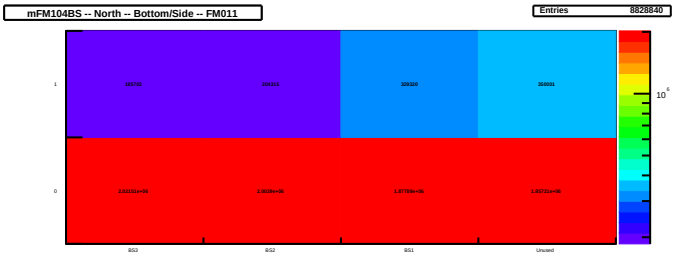

mFM104BSsim -- North -- Top -- FM010
Entries 1654001

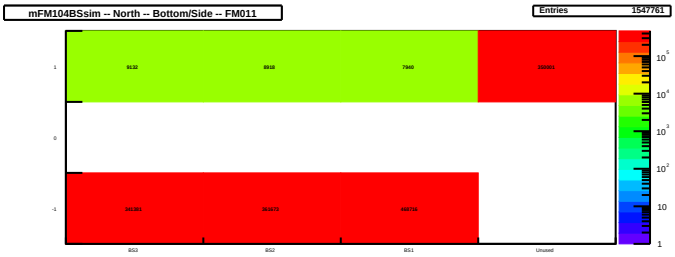

mFM104J -- South -- Top -- FM010
Entries 2207210
Unused

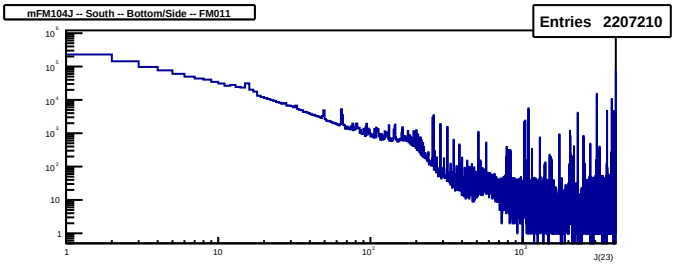

mFM104Jsim -- South -- Top -- FM010
Entries 388553
Unused

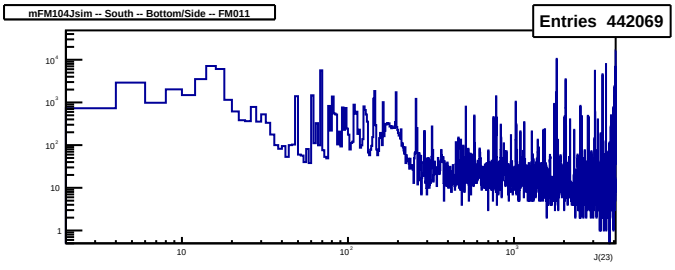

mFM104JP -- South -- Top -- FM010
Entries 4414420

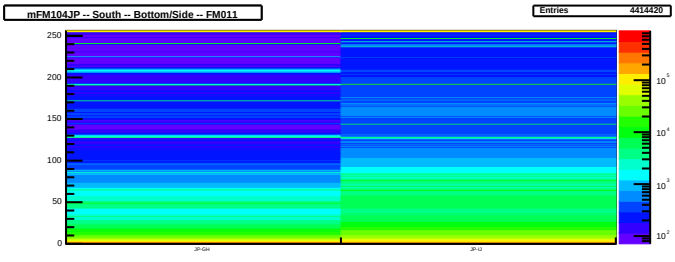

mFM104JPsim -- South -- Top -- FM010
Entries 819756

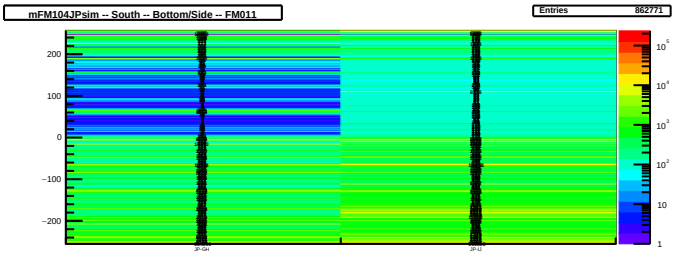

mFM104BS -- North -- Bottom/Side -- FM011
Entries 8828840

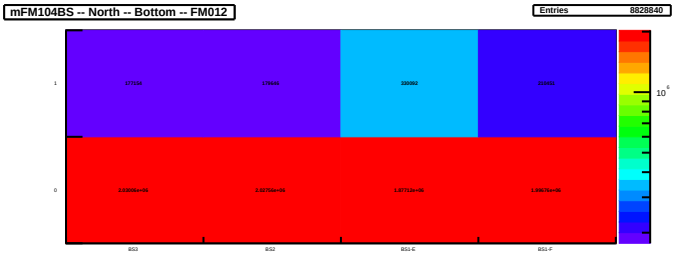

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1547761

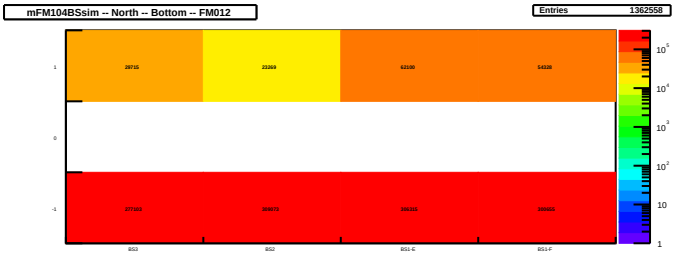

mFM104J -- South -- Bottom/Side -- FM011
Entries 2207210
J(23)

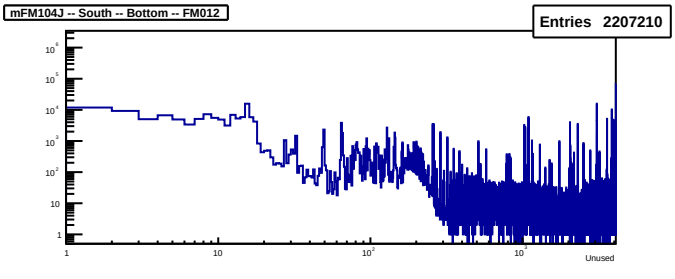

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 442069
J(23)

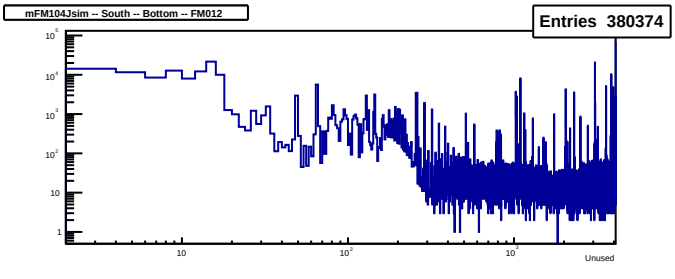

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4414420

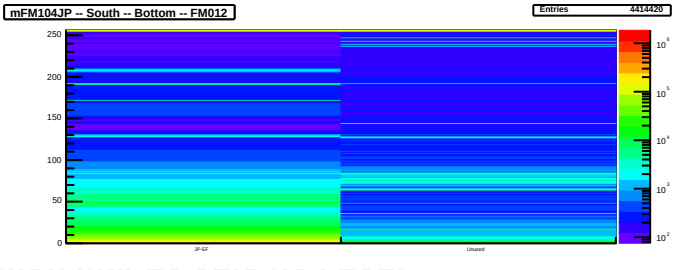

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 862771

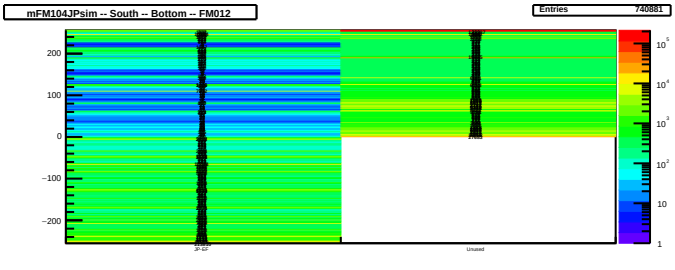

mFM104BS -- North -- Bottom -- FM012
Entries 8828840

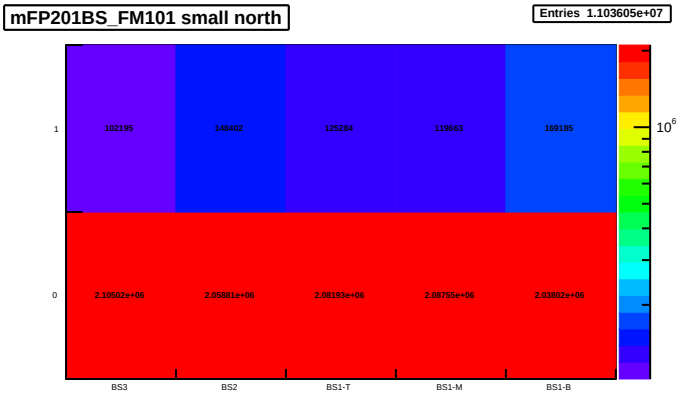

mFM104BSsim -- North -- Bottom -- FM012
Entries 1362558

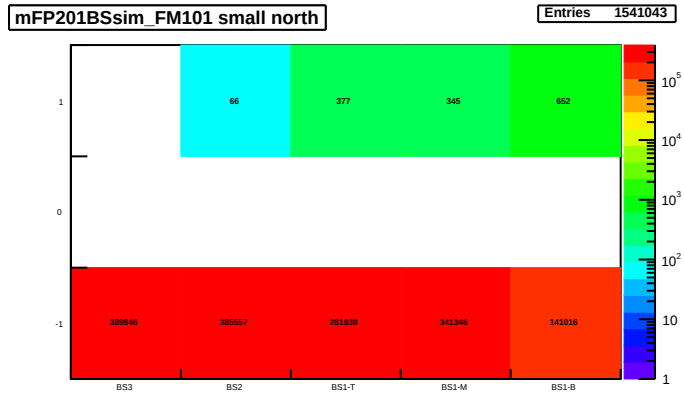

mFM104J -- South -- Bottom -- FM012
Entries 2207210
Unused

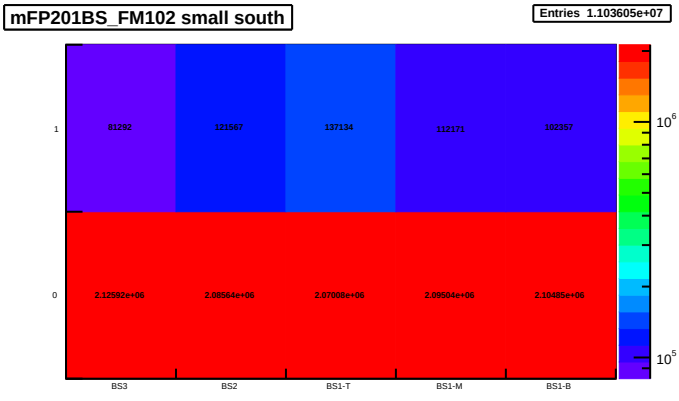

mFM104Jsim -- South -- Bottom -- FM012
Entries 380374
Unused

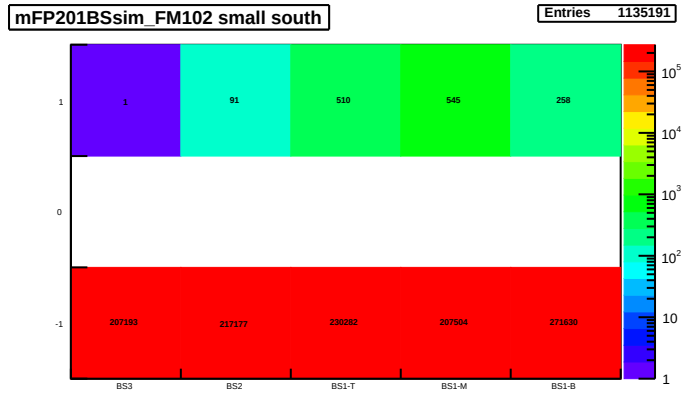

mFM104JP -- South -- Bottom -- FM012
Entries 4414420

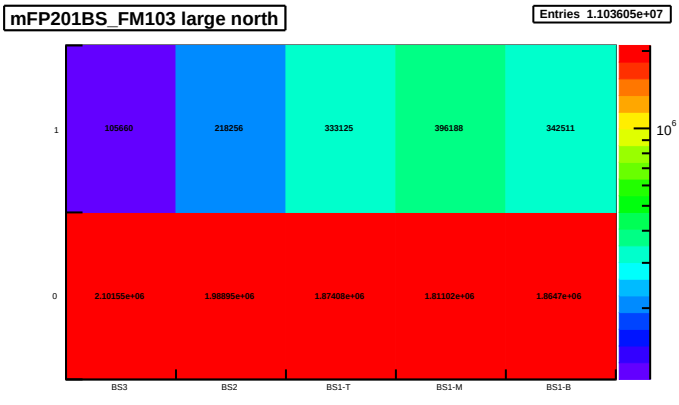

mFM104JPsim -- South -- Bottom -- FM012
Entries 740881

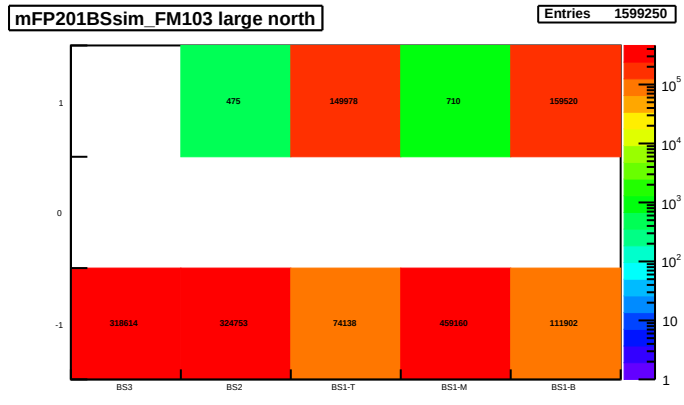

mFP201BS_FM101 small north
Entries 1.103605e+07
102195
148402
125284
119663
169185
2.10502e+06
2.05881e+06
2.08193e+06
2.08755e+06
2.03802e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

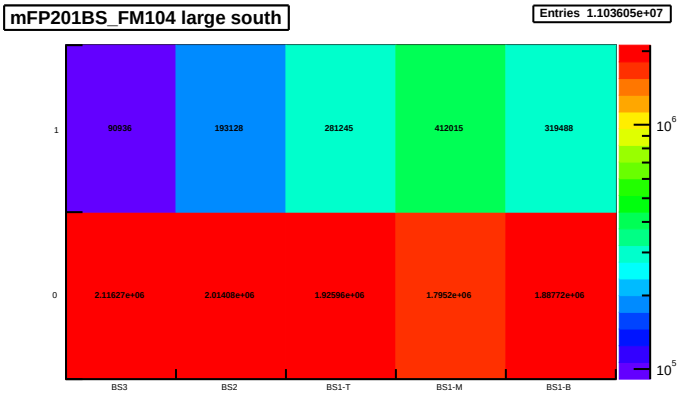

mFP201BSsim_FM101 small north
Entries 1541043
66
377
345
652
389846
385557
281838
341346
141016
BS3
BS2
BS1-T
BS1-M
BS1-B

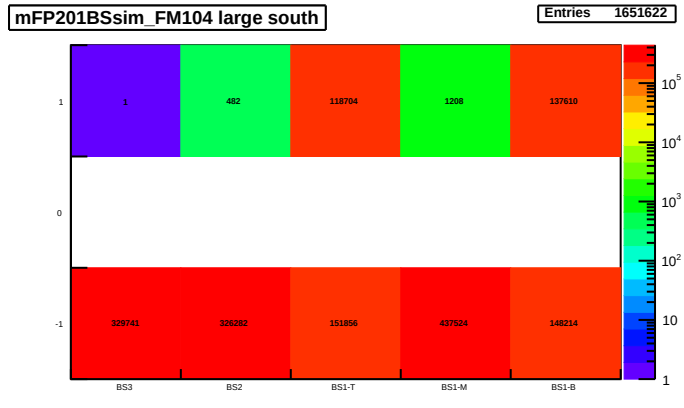

mFP201BS_FM102 small south
Entries 1.103605e+07
81292
121567
137134
112171
102357
2.12592e+06
2.08564e+06
2.07008e+06
2.09504e+06
2.10485e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

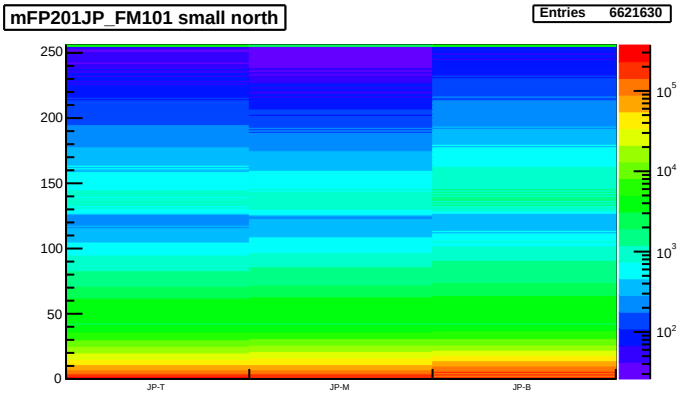

mFP201BSsim_FM102 small south
Entries 1135191
1
91
510
545
258
207193
217177
230282
207504
271630
BS3
BS2
BS1-T
BS1-M
BS1-B

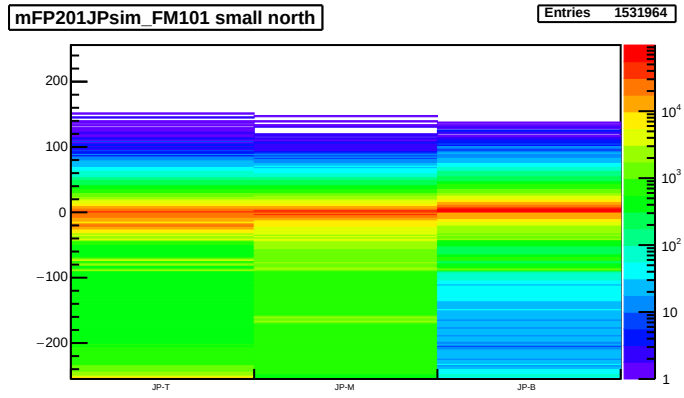

mFP201BS_FM103 large north
Entries 1.103605e+07
105660
218256
333125
396188
342511
2.10155e+06
1.98895e+06
1.87408e+06
1.81102e+06
1.8647e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

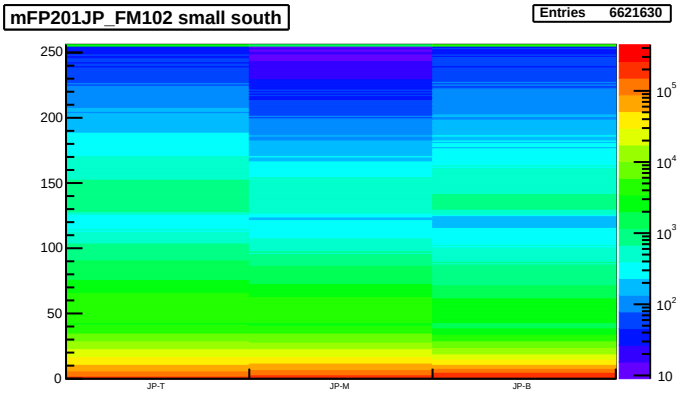

mFP201BSsim_FM103 large north
Entries 1599250
475
149978
710
159520
318614
324753
74138
459160
111902
BS3
BS2
BS1-T
BS1-M
BS1-B

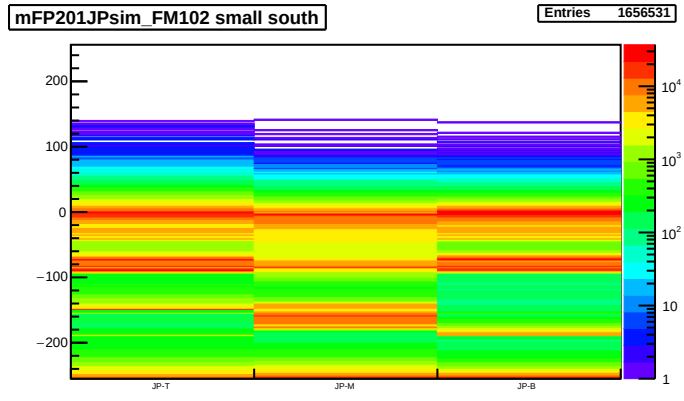

mFP201BS_FM104 large south
Entries 1.103605e+07
90936
193128
281245
412015
319488
2.11627e+06
2.01408e+06
1.92596e+06
1.7952e+06
1.88772e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

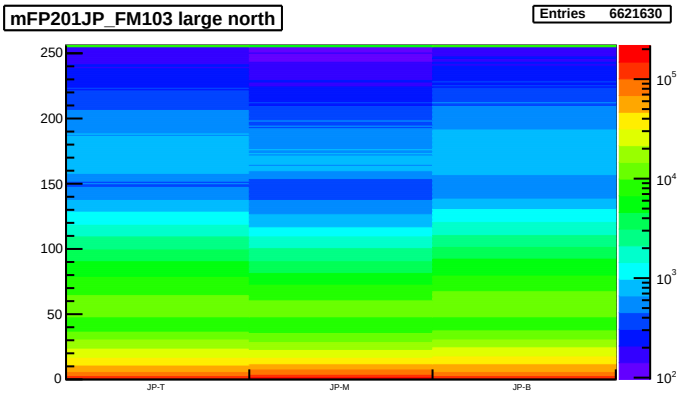

mFP201BSsim_FM104 large south
Entries 1651622
1
482
118704
1208
137610
329741
326282
151856
437524
148214
BS3
BS2
BS1-T
BS1-M
BS1-B

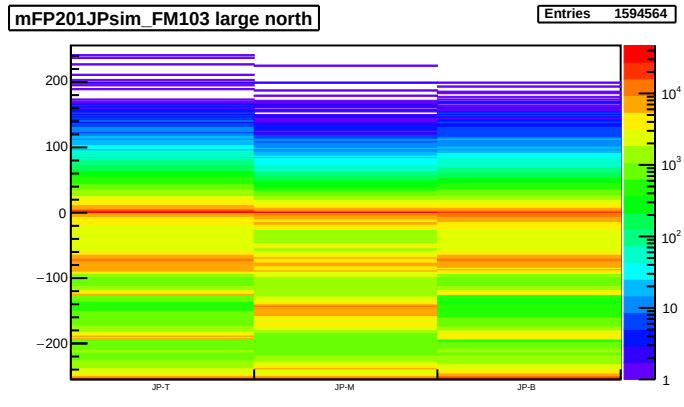

mFP201JP_FM101 small north
Entries 6621630
JP-T
JP-M
JP-B

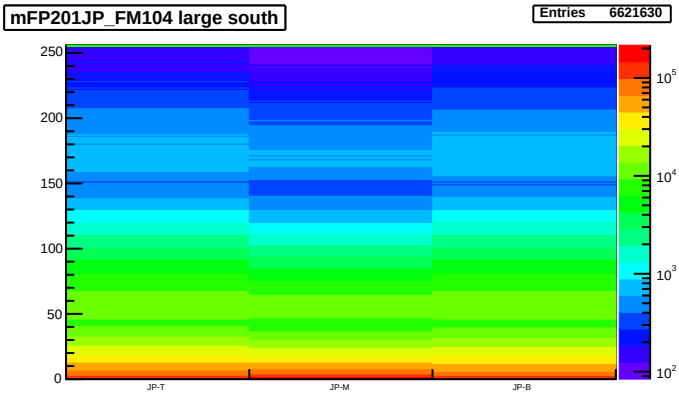

mFP201JPsim_FM101 small north
Entries 1531964
JP-T
JP-M
JP-B

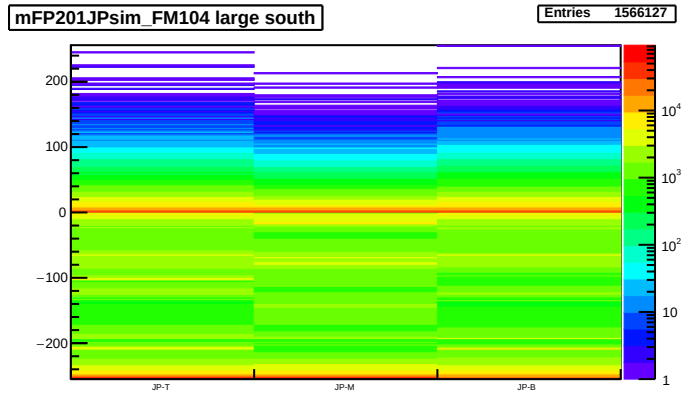

mFP201JP_FM102 small south
Entries 6621630
JP-T
JP-M
JP-B

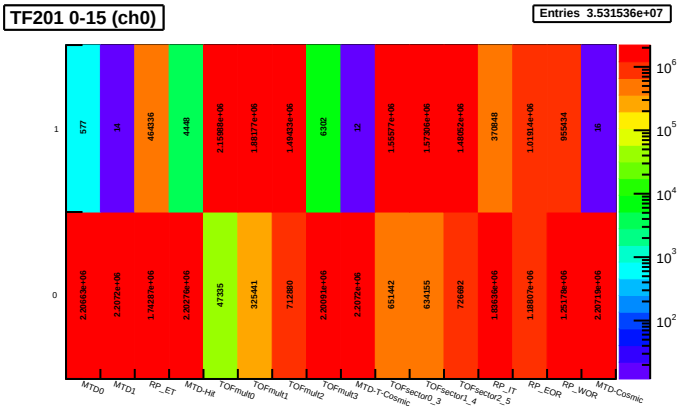

mFP201JPsim_FM102 small south
Entries 1656531
JP-T
JP-M
JP-B

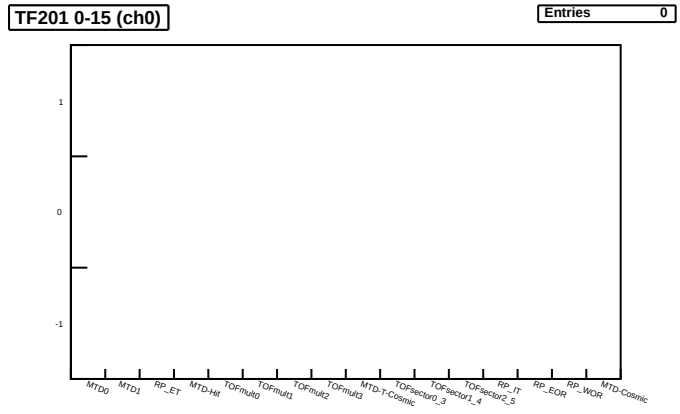

mFP201JP_FM103 large north
Entries 6621630
JP-T
JP-M
JP-B

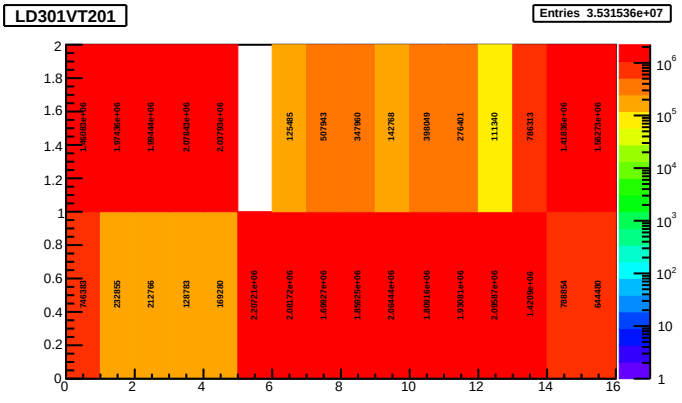

mFP201JPsim_FM103 large north
Entries 1594564
JP-T
JP-M
JP-B

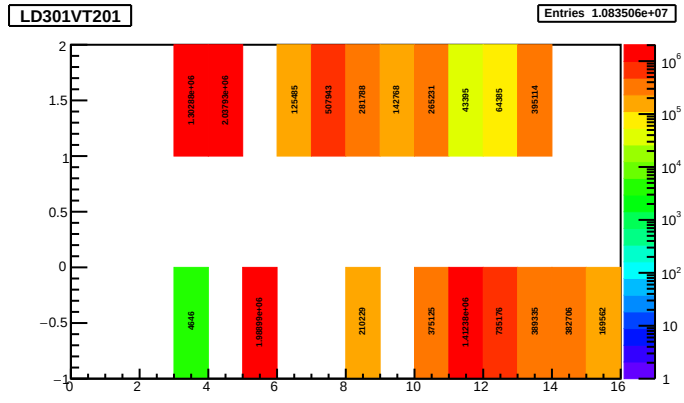

mFP201JP_FM104 large south
Entries 6621630
JP-T
JP-M
JP-B

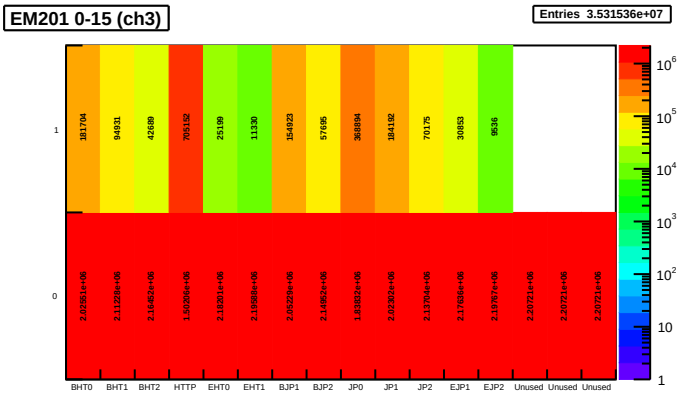

mFP201JPsim_FM104 large south
Entries 1566127
JP-T
JP-M
JP-B

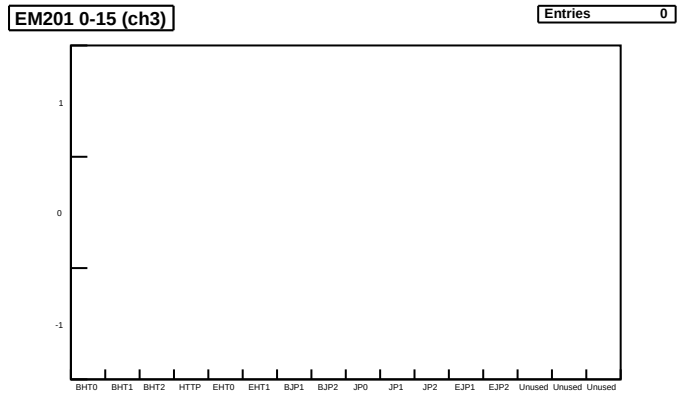

TF201 0-15 (ch0)
Entries 3.531536e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

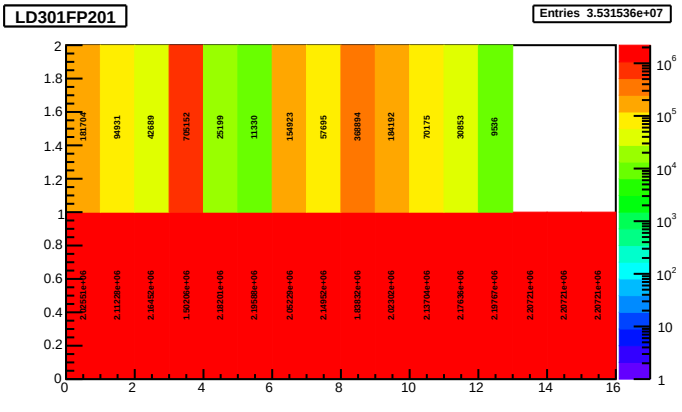

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

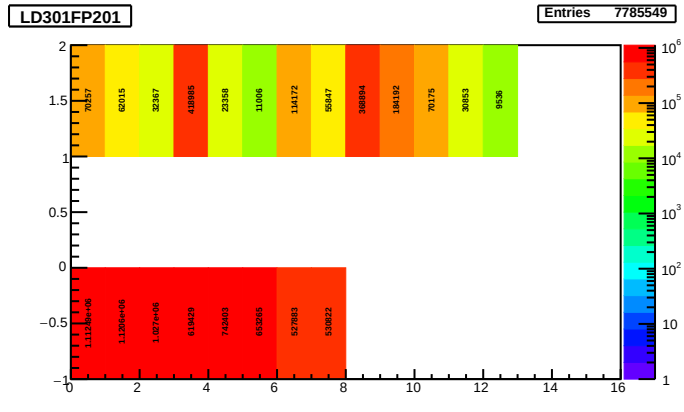

LD301VT201
Entries 3.531536e+07


LD301VT201
Entries 1.083506e+07


EM201 0-15 (ch3)
Entries 3.531536e+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 3.531536e+07


LD301FP201
Entries 7785549