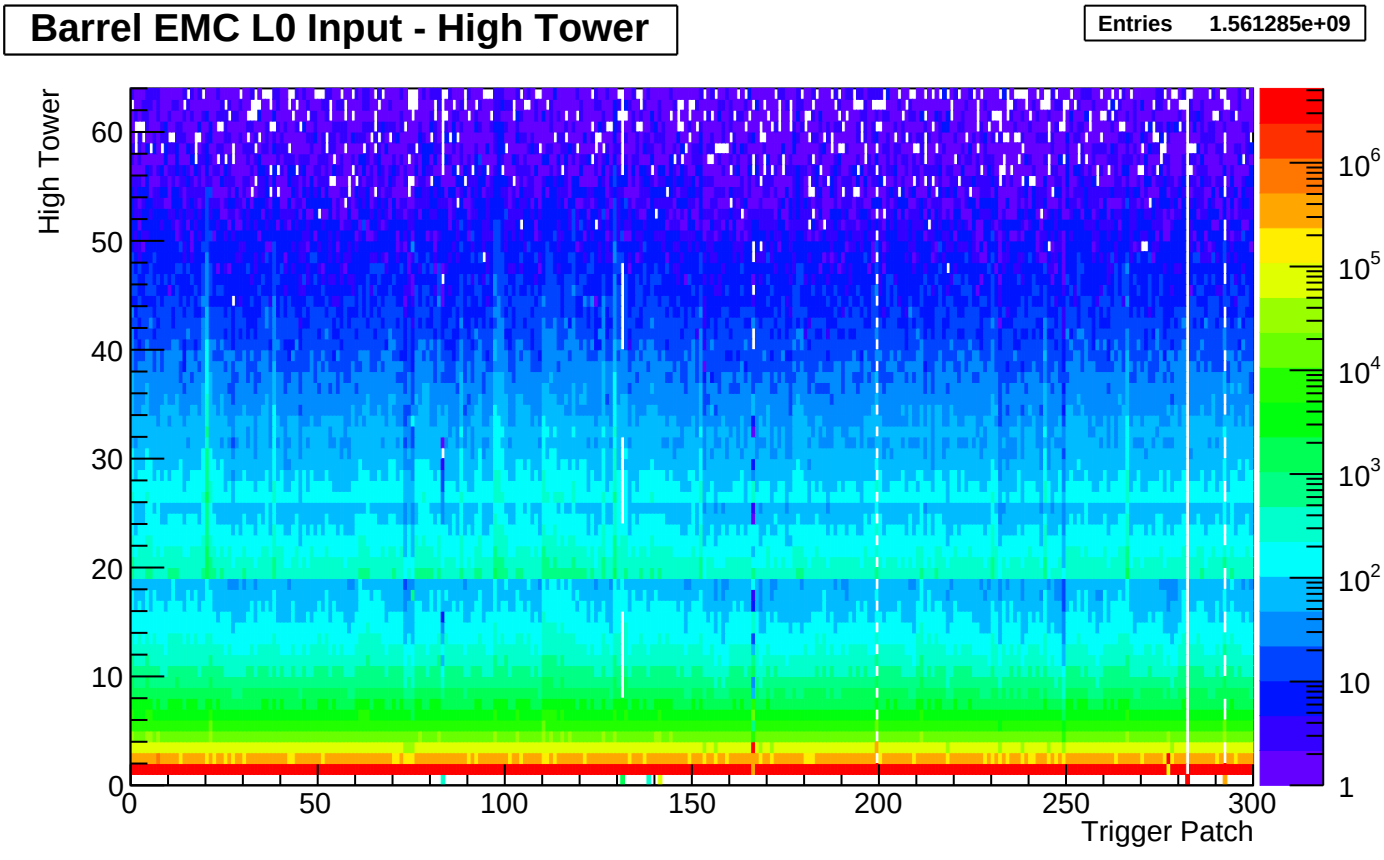
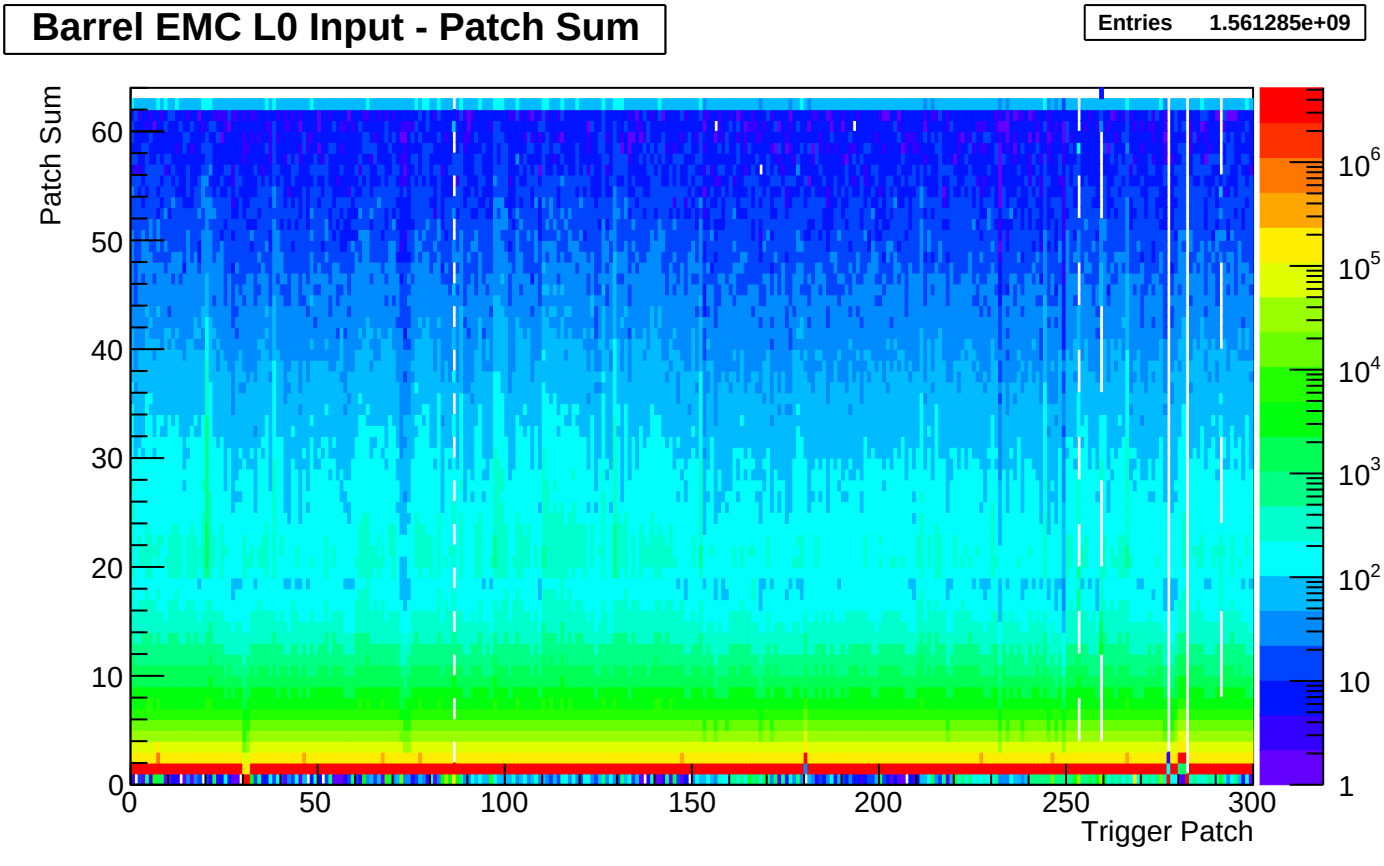
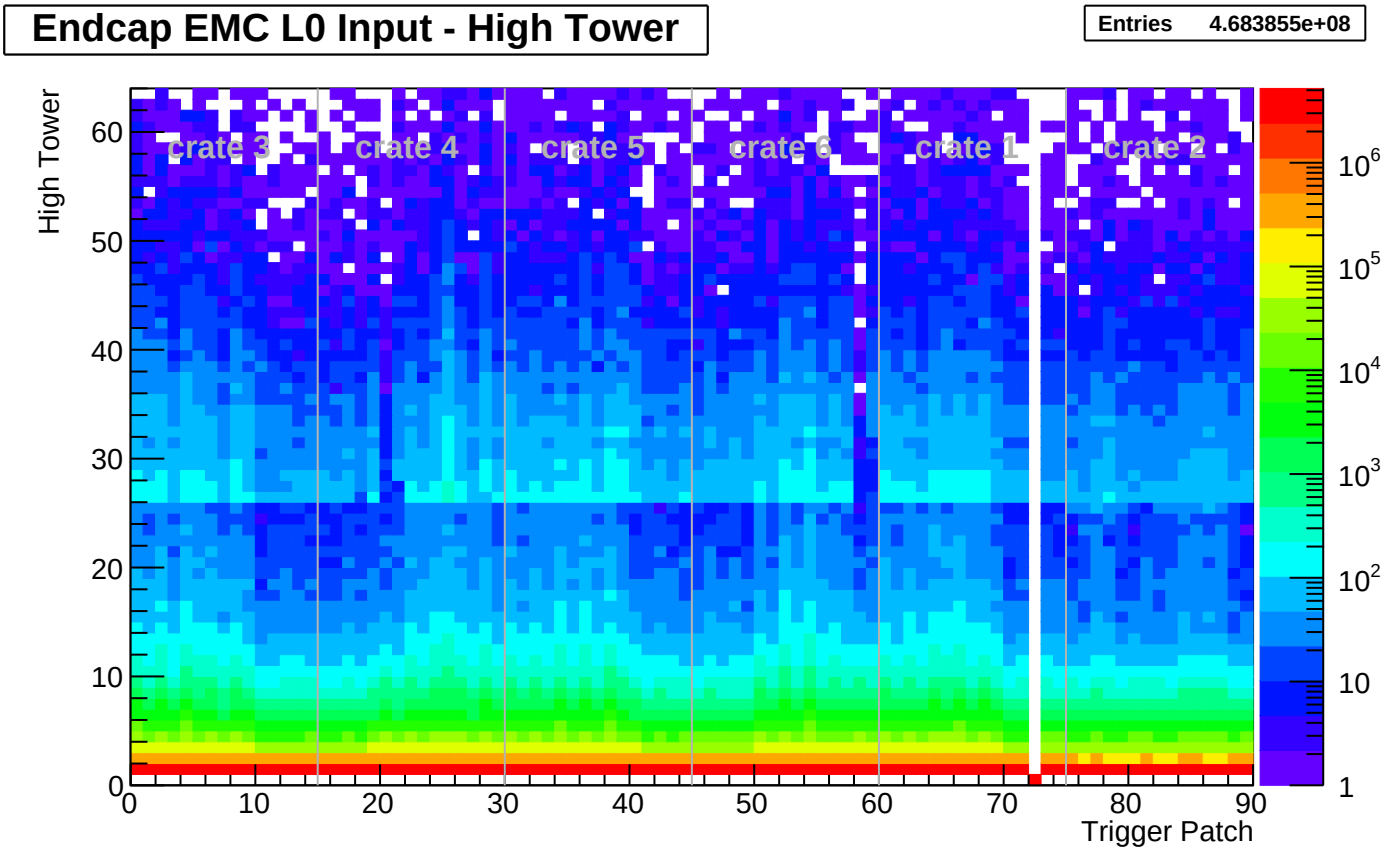
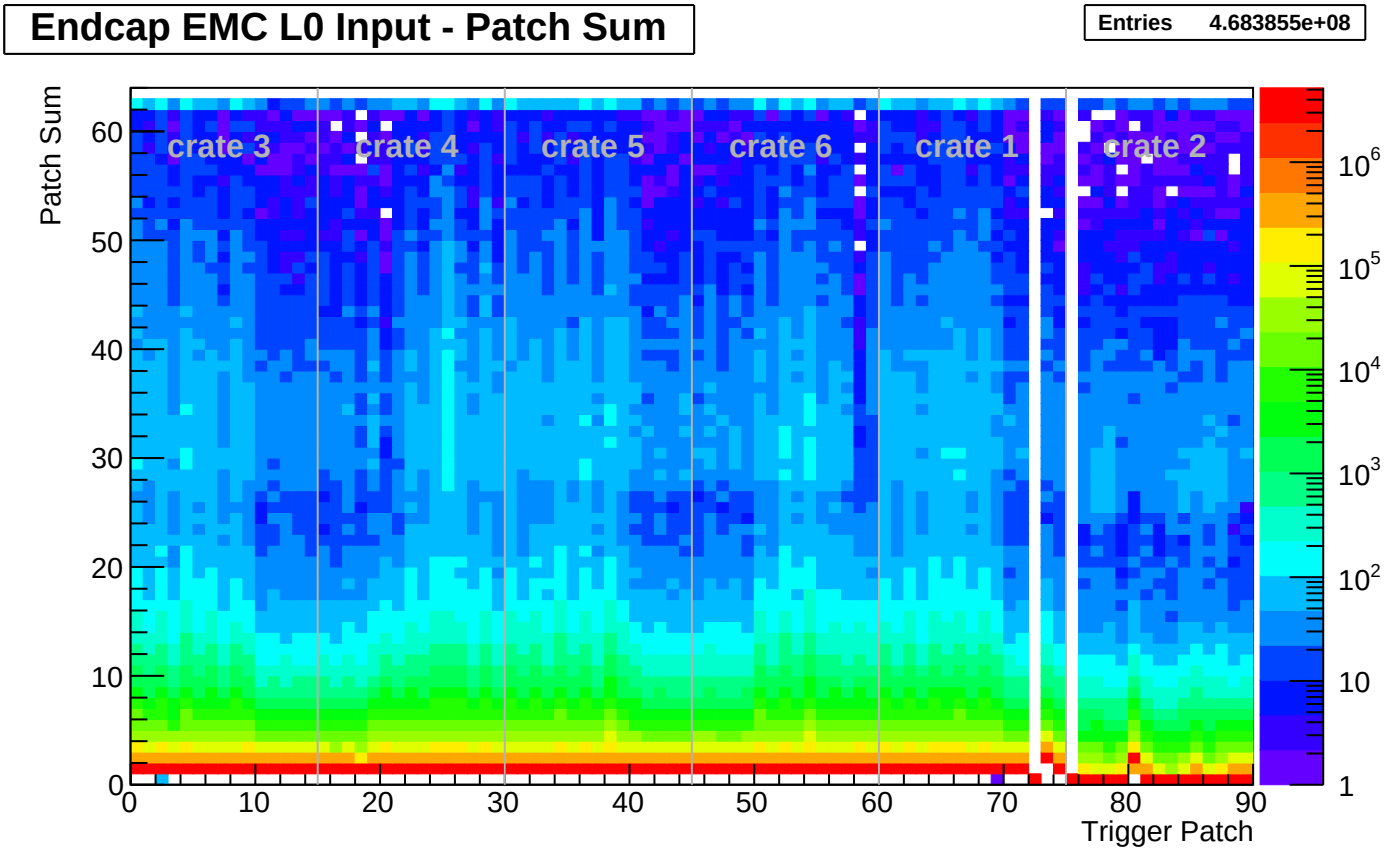
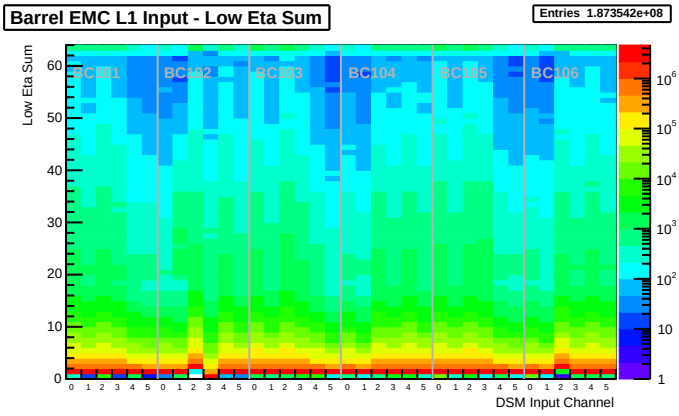
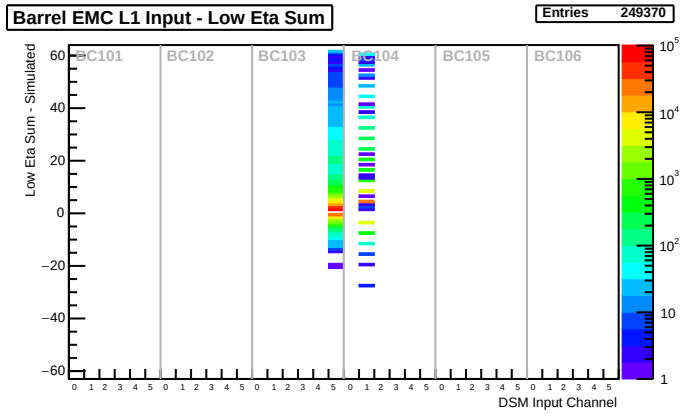

Barrel EMC L0 Input - High Tower
Entries 1.561285e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

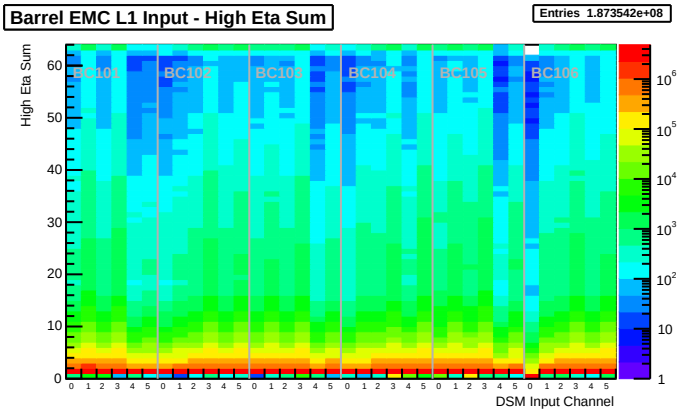

Barrel EMC L0 Input - Patch Sum
Entries 1.561285e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

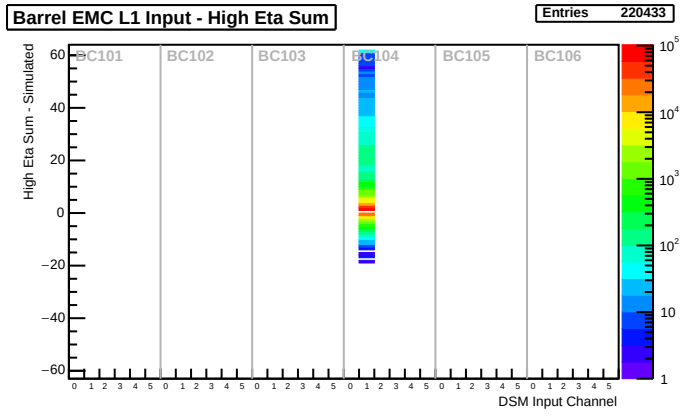

Endcap EMC L0 Input - High Tower
Entries 4.683855e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

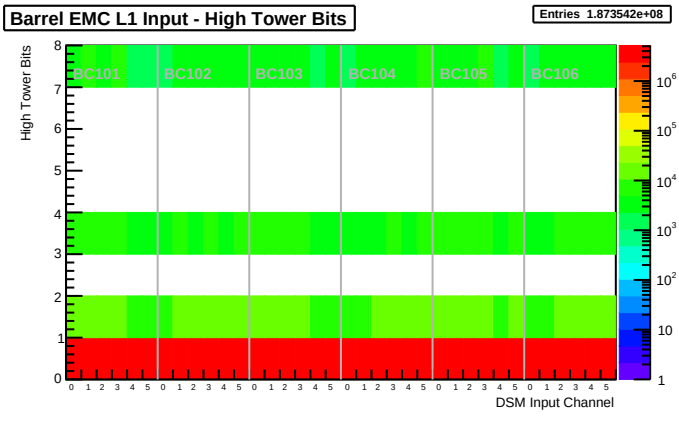

Endcap EMC L0 Input - Patch Sum
Entries 4.683855e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

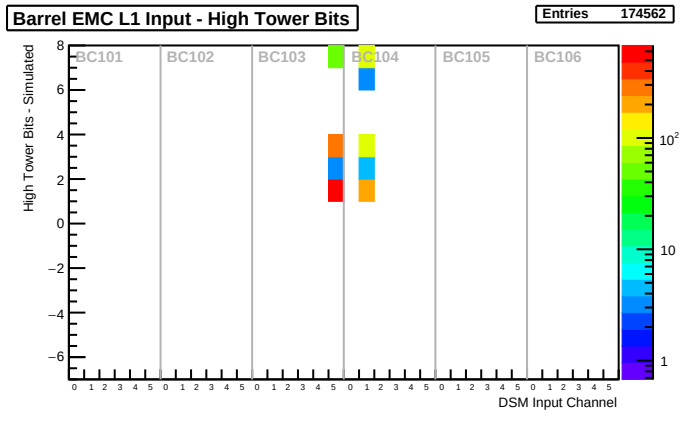

Barrel EMC L1 Input - Low Eta Sum
Entries 1.873542e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

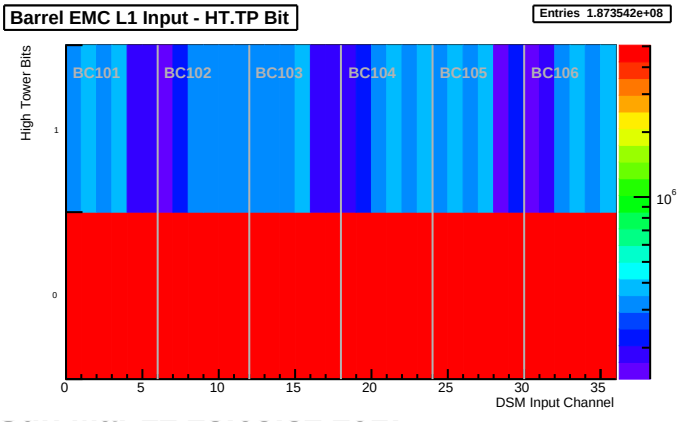

Barrel EMC L1 Input - Low Eta Sum
Entries 249370
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

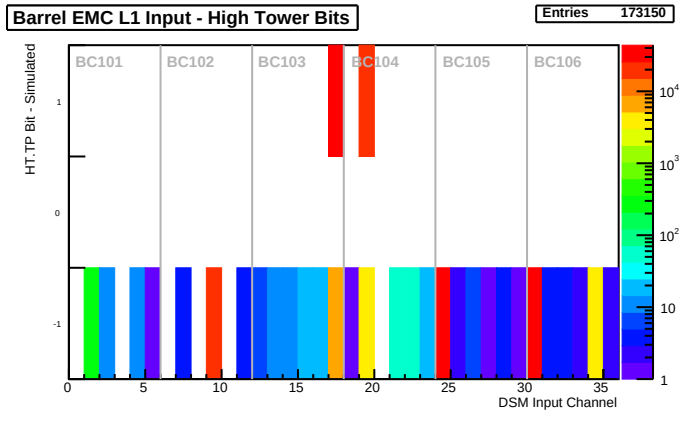

Barrel EMC L1 Input - High Eta Sum
Entries 1.873542e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

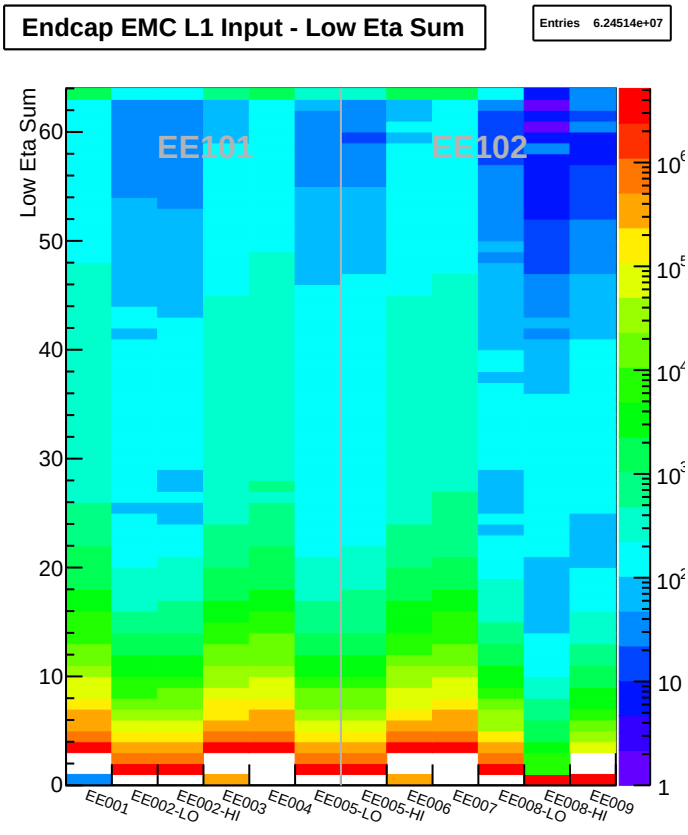

Barrel EMC L1 Input - High Eta Sum
Entries 220433
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

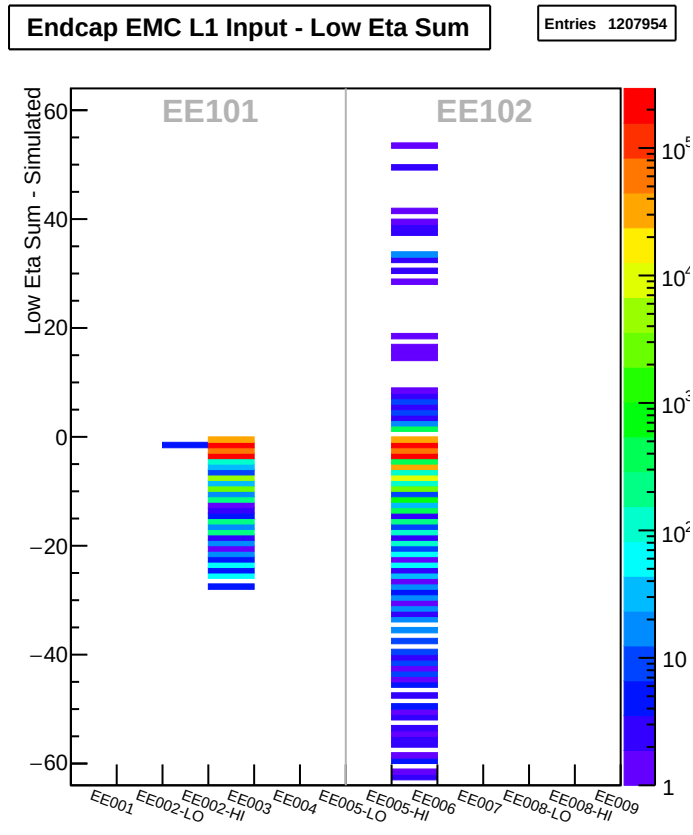

Barrel EMC L1 Input - High Tower Bits
Entries 1.873542e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

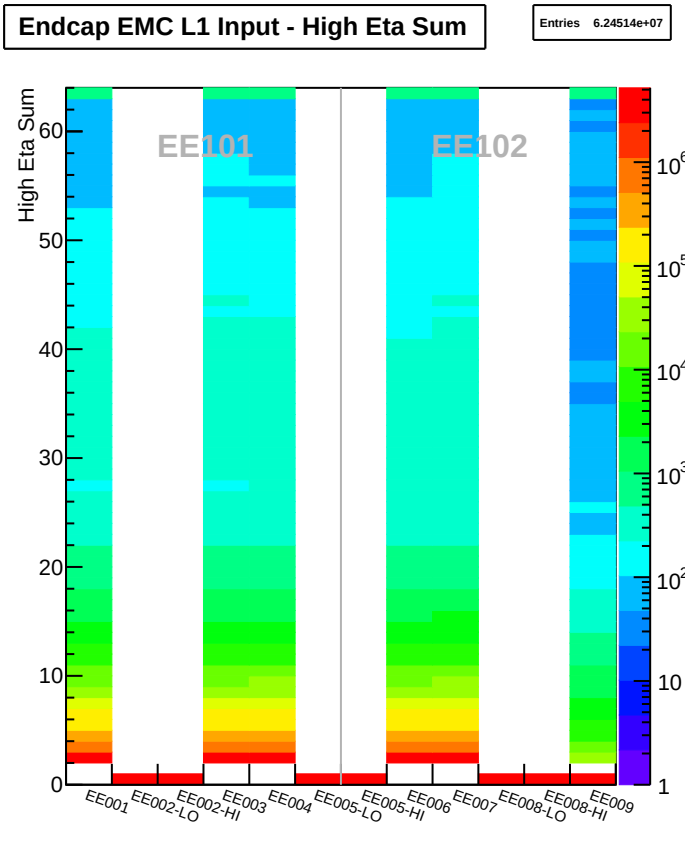

Barrel EMC L1 Input - High Tower Bits
Entries 174562
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

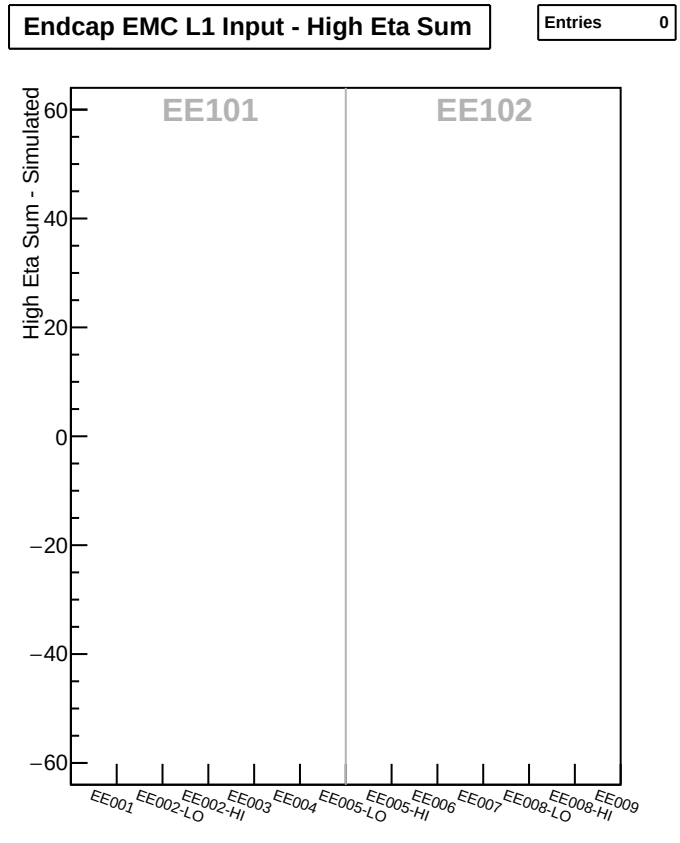

Barrel EMC L1 Input - HT.TP Bit
Entries 1.873542e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

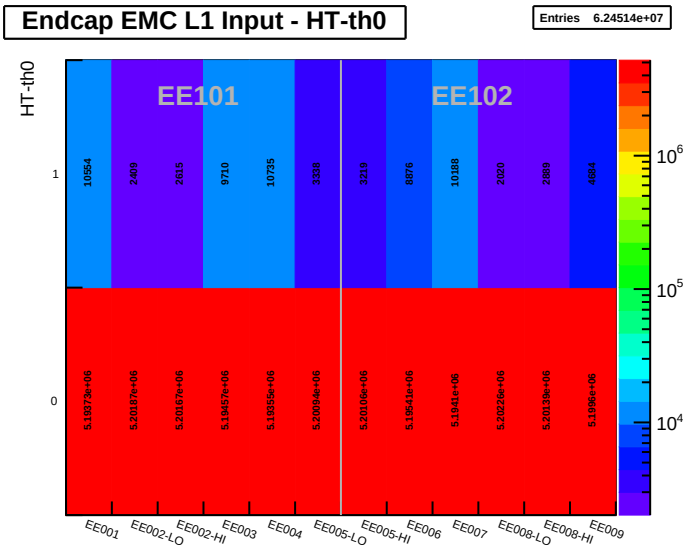

Barrel EMC L1 Input - High Tower Bits
Entries 173150
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

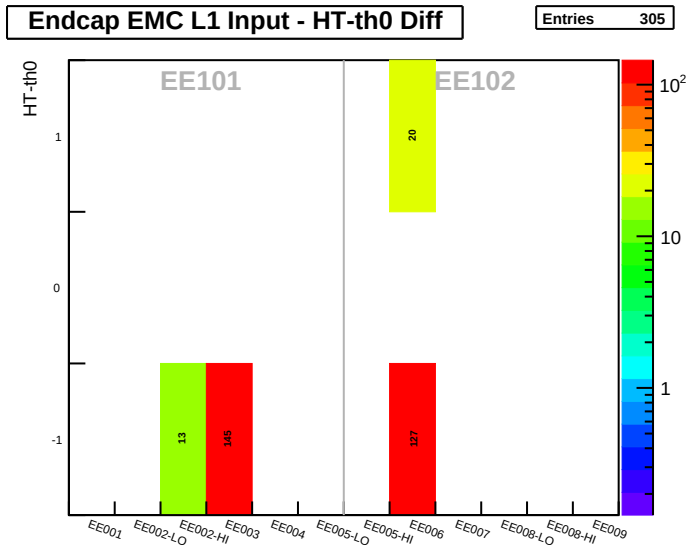

Endcap EMC L1 Input - Low Eta Sum
Entries 6.24514e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

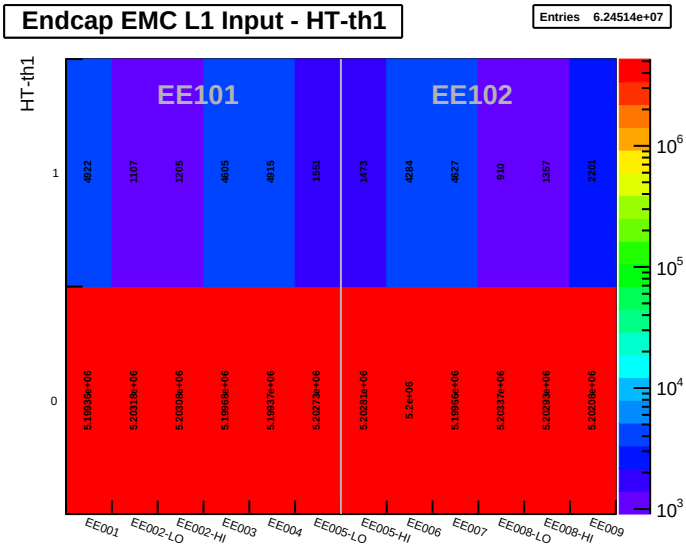

Endcap EMC L1 Input - Low Eta Sum
Entries 1207954
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

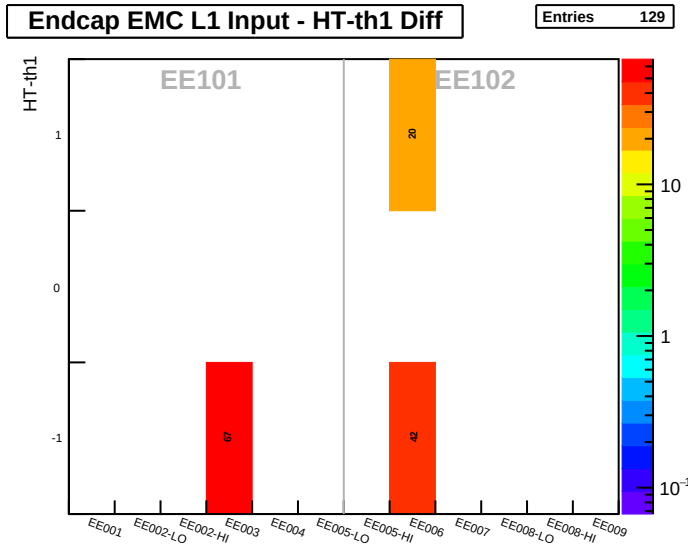

Endcap EMC L1 Input - High Eta Sum
Entries 6.24514e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

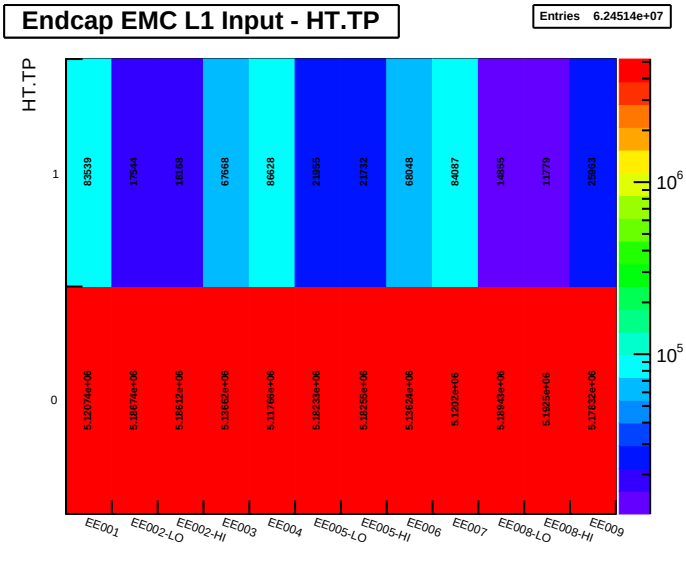

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

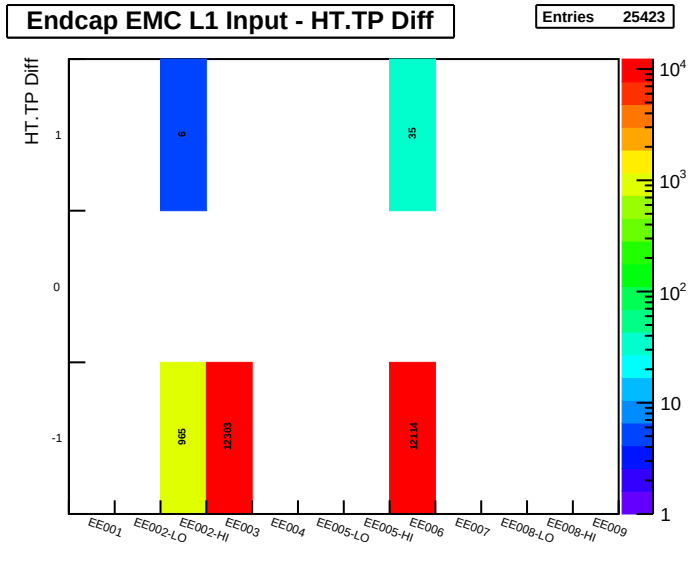

Endcap EMC L1 Input - HT-th0
Entries 6.24514e+07
HT-th0
EE101
EE102
10554
2409
2615
9710
10735
3338
3219
8876
10188
2020
2889
4884
5.19372e+06
5.20187e+06
5.20167e+06
5.19457e+06
5.19356e+06
5.20094e+06
5.20106e+06
5.19541e+06
5.19141e+06
5.20226e+06
5.20139e+06
5.1996e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

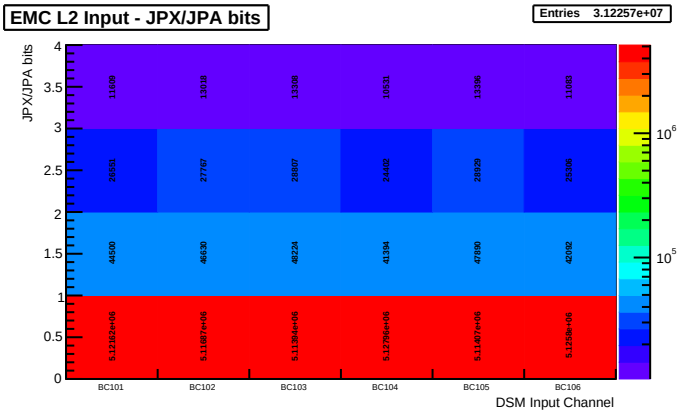

Endcap EMC L1 Input - HT-th0 Diff
Entries 305
HT-th0
EE101
EE102
20
13
145
127
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

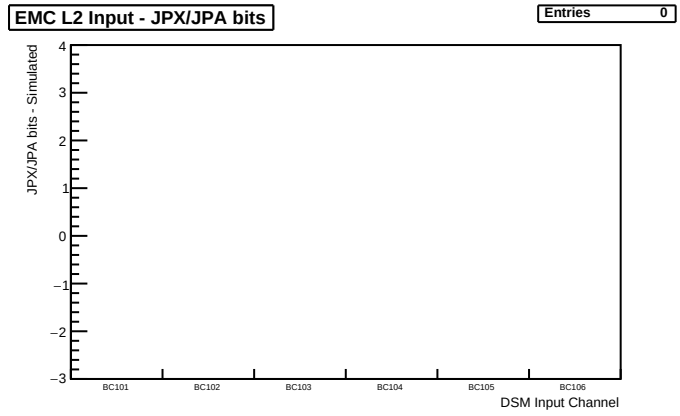

Endcap EMC L1 Input - HT-th1
Entries 6.24514e+07
HT-th1
EE101
EE102
4922
1107
1205
4605
4915
1551
1473
4284
4627
910
1357
2201
5.19936e+06
5.20319e+06
5.20308e+06
5.19968e+06
5.19937e+06
5.20273e+06
5.20291e+06
5.24e+06
5.19956e+06
5.20337e+06
5.20293e+06
5.20208e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

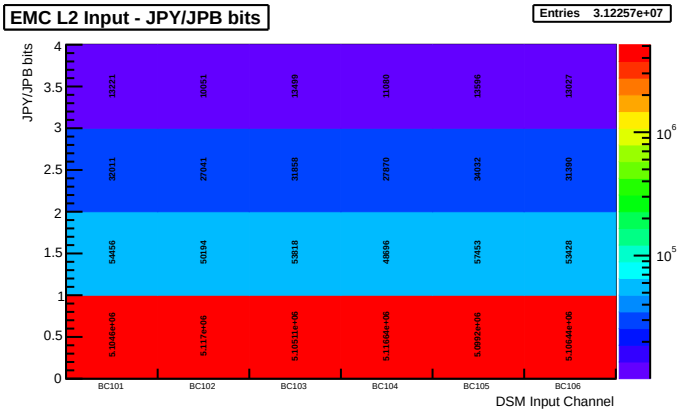

Endcap EMC L1 Input - HT-th1 Diff
Entries 129
HT-th1
EE101
EE102
20
67
42
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

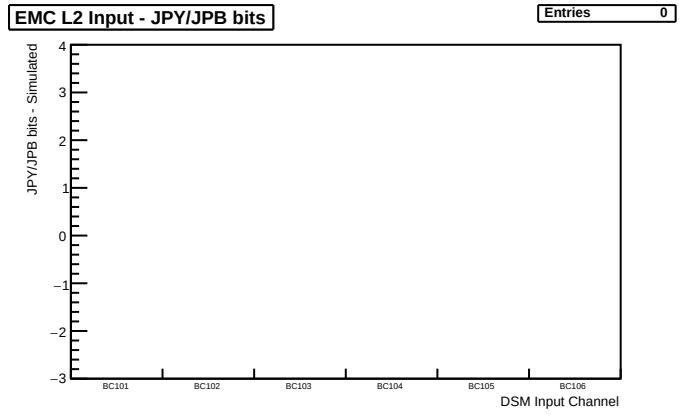

Endcap EMC L1 Input - HT.TP
Entries 6.24514e+07
HT.TP
83539
17544
18168
67668
86628
21955
22732
68048
84087
14855
11779
25963
5.12074e+06
5.18674e+06
5.18612e+06
5.13662e+06
5.11766e+06
5.18233e+06
5.18255e+06
5.13624e+06
5.12072e+06
5.18943e+06
5.1825e+06
5.17832e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

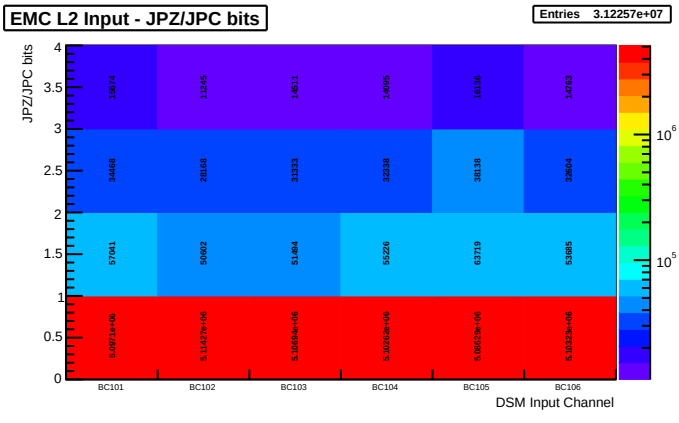

Endcap EMC L1 Input - HT.TP Diff
Entries 25423
HT.TP Diff
6
35
965
12303
12114
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

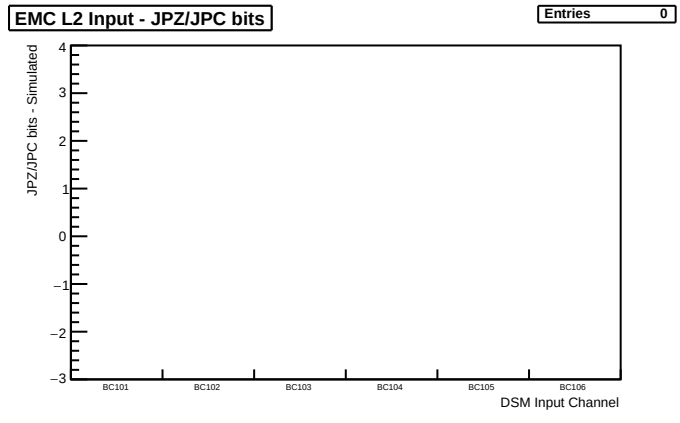

EMC L2 Input - JPX/JPA bits
Entries 3.12257e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11609
13918
13338
10531
13336
11083
26531
27767
28807
24402
28929
26306
44500
46630
48224
41394
47930
42092
5.12182e+06
5.11687e+06
5.11394e+06
5.12796e+06
5.11407e+06
5.1259e+06

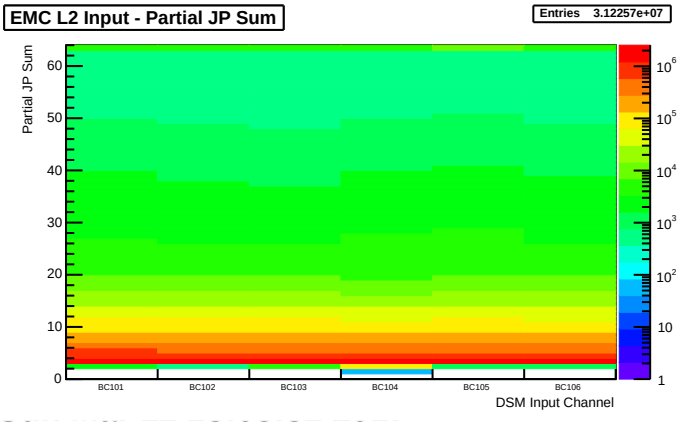

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

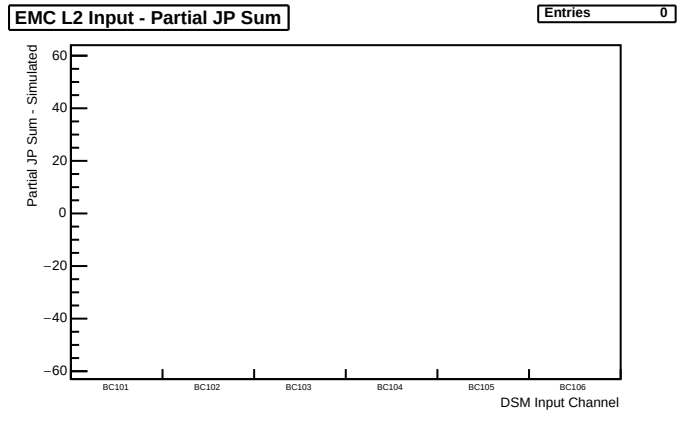

EMC L2 Input - JPY/JPB bits
Entries 3.12257e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13221
10051
13499
11080
13596
13027
32011
27041
31858
27970
34032
31390
54456
50194
53818
48896
57453
53428
5.1946e+06
5.117e+06
5.10511e+06
5.11664e+06
5.0992e+06
5.10544e+06

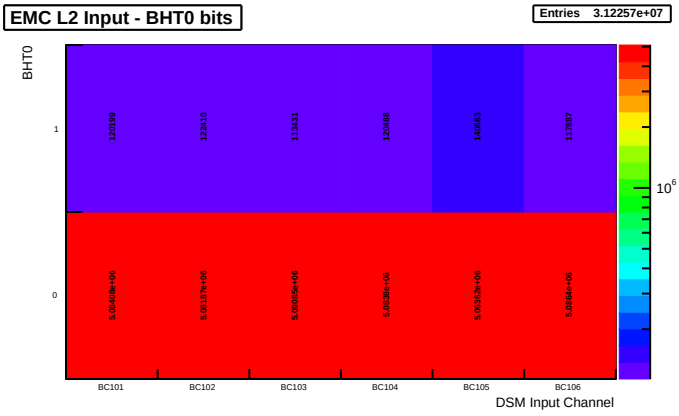

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

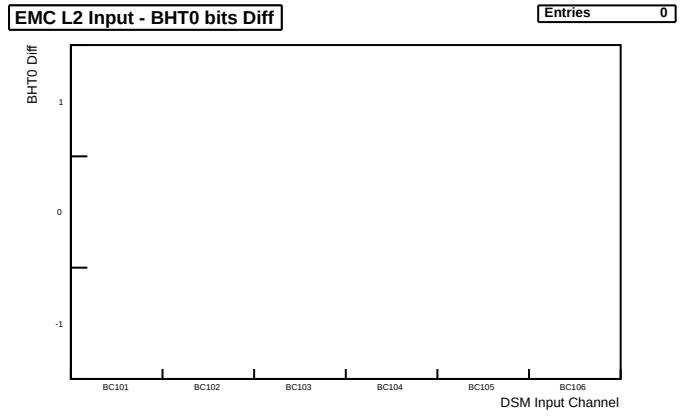

EMC L2 Input - JPZ/JPC bits
Entries 3.12257e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15674
11245
14511
14095
16136
10763
34468
28168
31333
32238
38138
32604
57041
50602
51494
55226
63719
53685
5.0971e+06
5.11427e+06
5.10694e+06
5.10202e+06
5.08629e+06
5.10323e+06

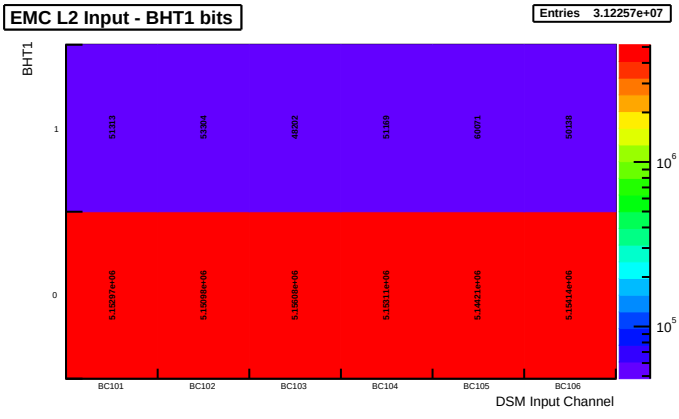

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

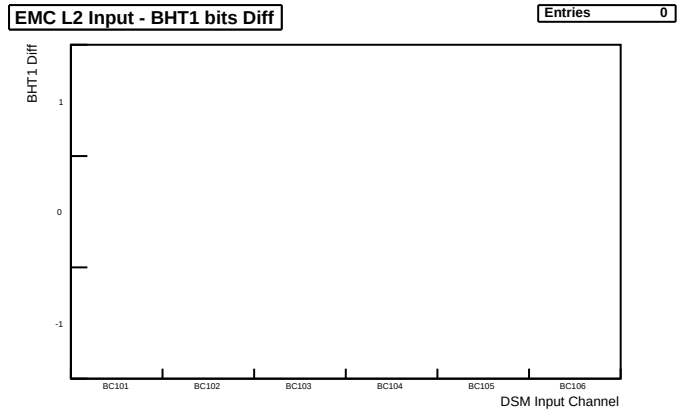

EMC L2 Input - Partial JP Sum
Entries 3.12257e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

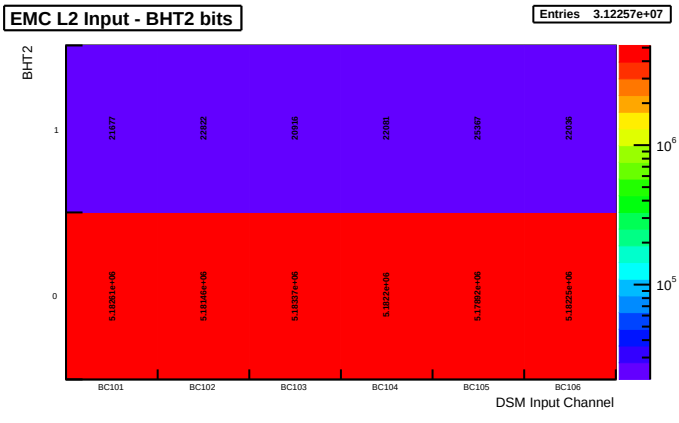

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

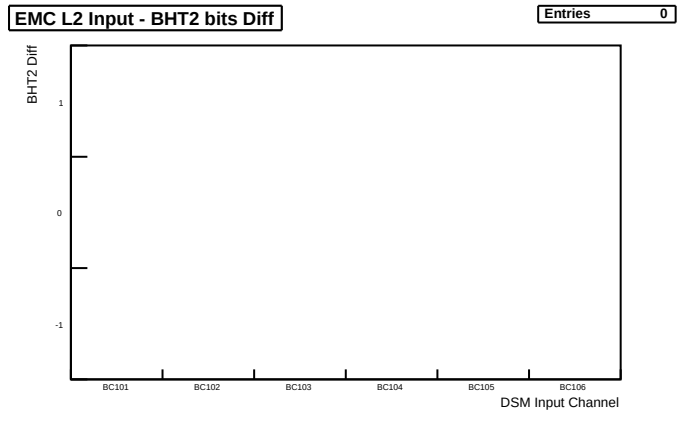

EMC L2 Input - BHT0 bits
Entries 3.12257e+07
BHT0
1
0
120199
122010
113431
120488
140683
117837
5.03409e+06
5.03187e+06
5.00859e+06
5.0038e+06
5.03362e+06
5.0356e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

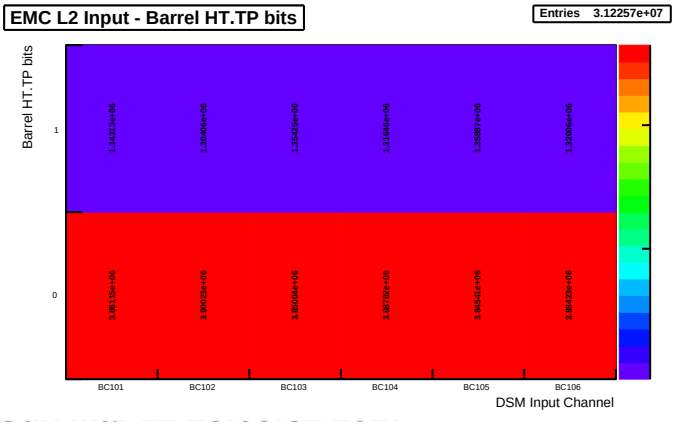

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

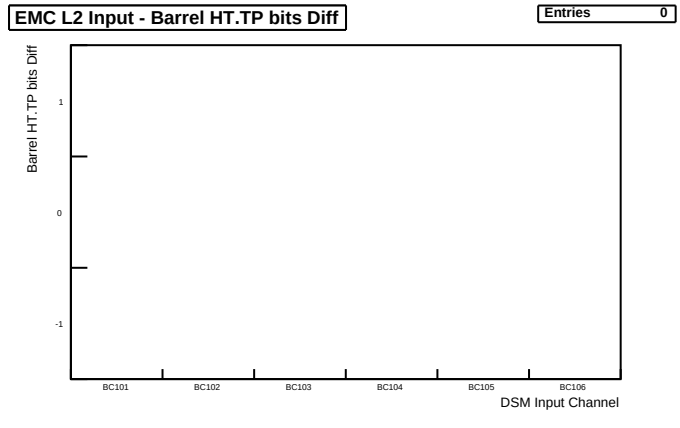

EMC L2 Input - BHT1 bits
Entries 3.12257e+07
BHT1
1
0
51313
53304
49202
51169
60071
50138
5.15397e+06
5.15098e+06
5.15608e+06
5.15311e+06
5.14421e+06
5.15014e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

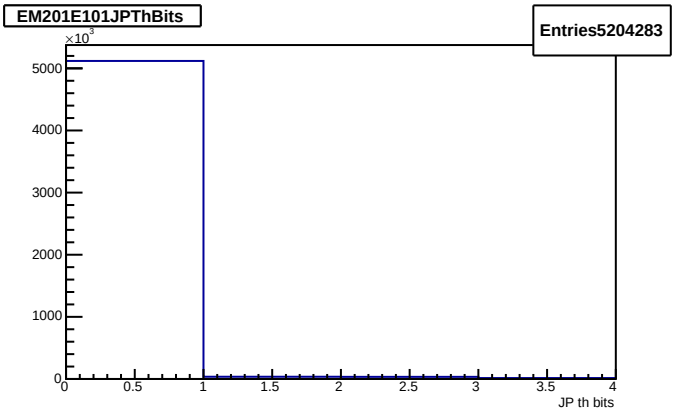

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

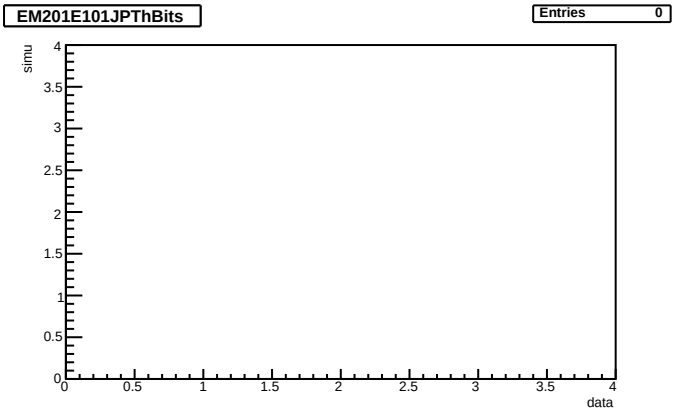

EMC L2 Input - BHT2 bits
Entries 3.12257e+07
BHT2
1
0
21577
22322
20915
22031
25387
22035
5.18261e+06
5.18146e+06
5.18337e+06
5.1822e+06
5.17892e+06
5.18225e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

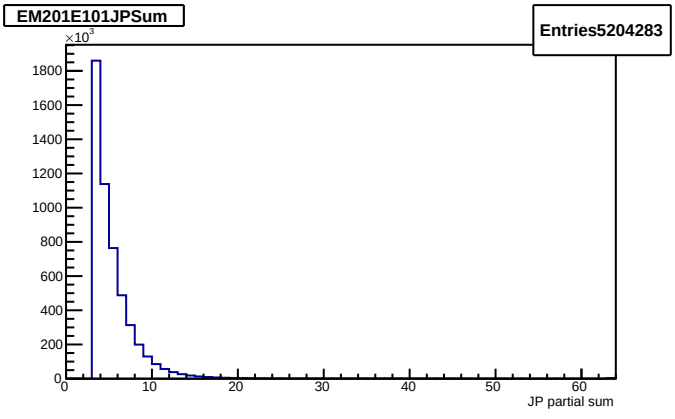

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

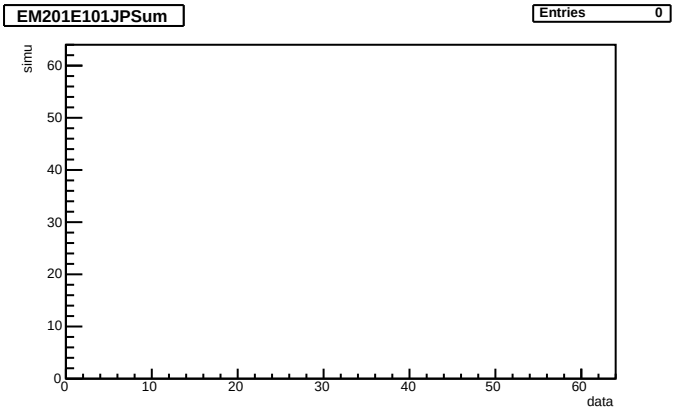

EMC L2 Input - Barrel HT.TP bits
Entries 3.12257e+07
Barrel HT.TP bits
1
0
1.34313e+06
1.30406e+06
1.35425e+06
1.31564e+06
1.35887e+06
1.32006e+06
3.86115e+06
3.90023e+06
3.85004e+06
3.88782e+06
3.84541e+06
3.88422e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

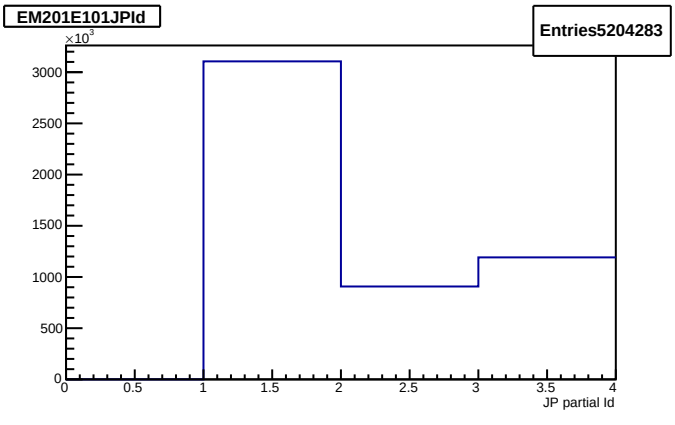

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

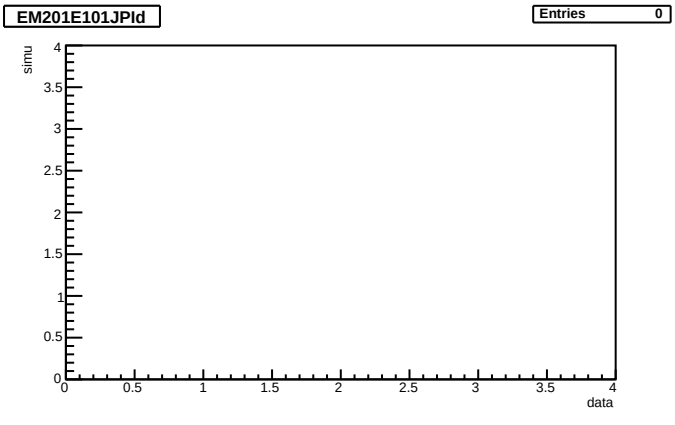

EM201E101JPThBits
Entries5204283
×10^3
JP th bits

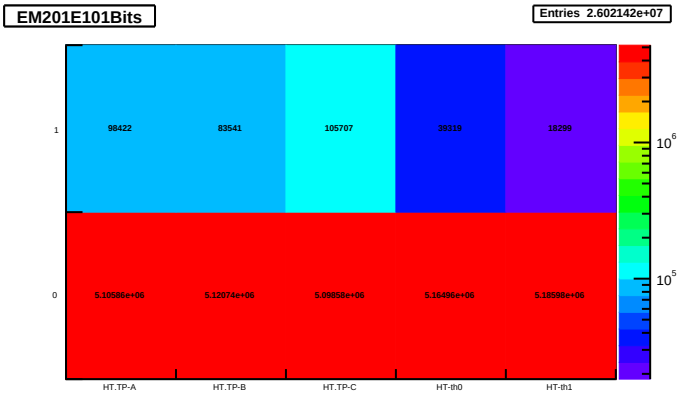

EM201E101JPThBits
Entries 0
simu
data

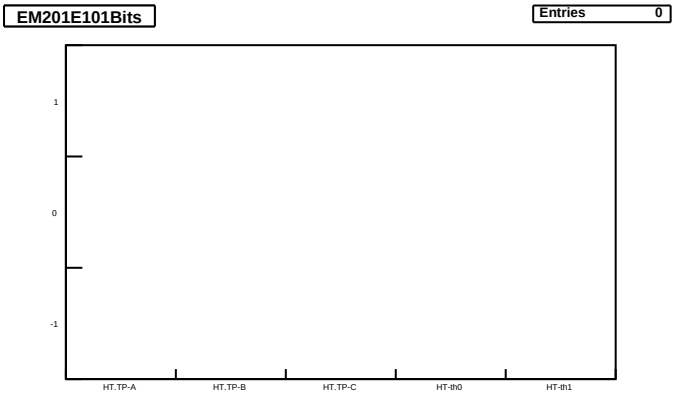

EM201E101JPSum
Entries5204283
×10^3
JP partial sum

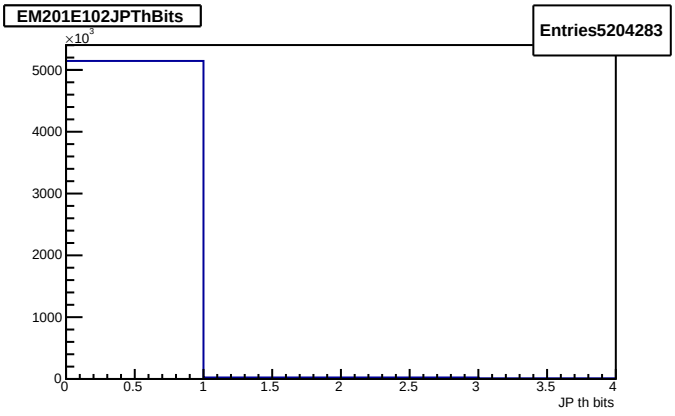

EM201E101JPSum
Entries 0
simu
data

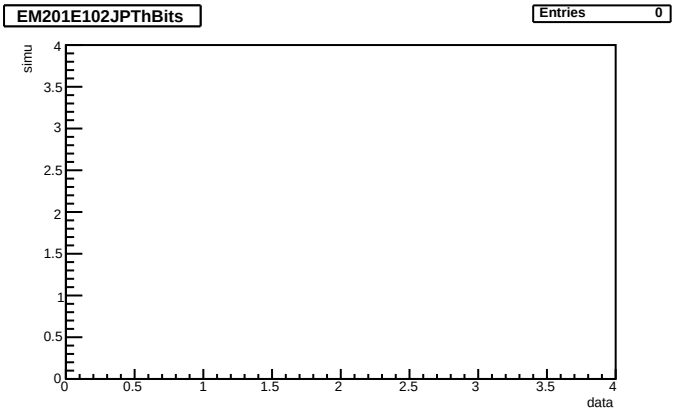

EM201E101JPId
Entries5204283
×10^3
JP partial Id

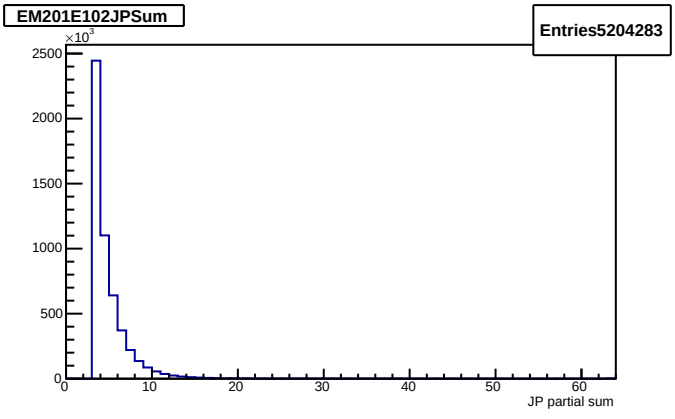

EM201E101JPId
Entries 0
simu
data

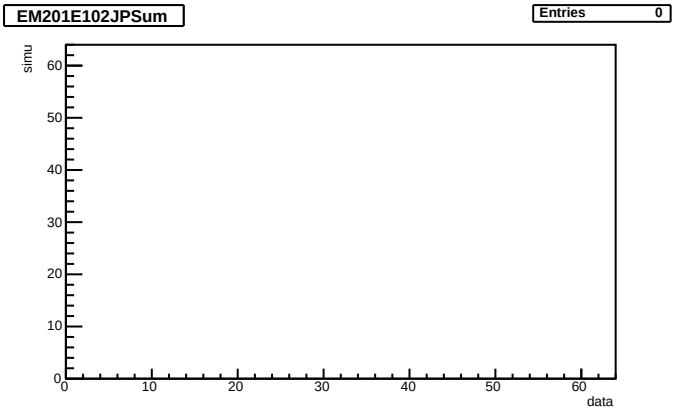

EM201E101Bits
Entries 2.602142e+07
98422
83541
105707
39319
18293
5.10586e+06
5.12074e+06
5.09858e+06
5.16496e+06
5.18598e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

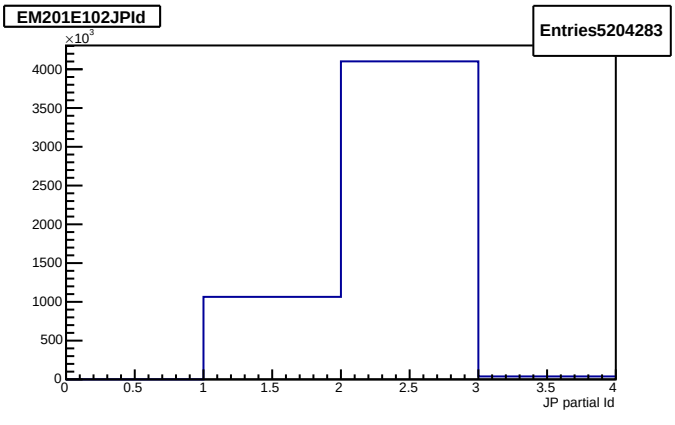

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

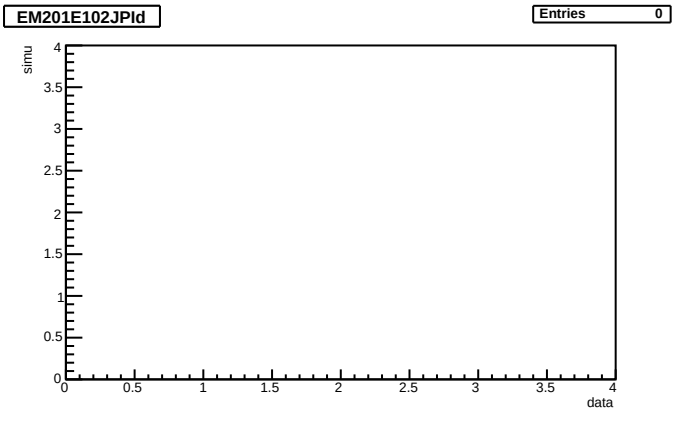

EM201E102JPThBits
Entries5204283
×10^3
JP th bits

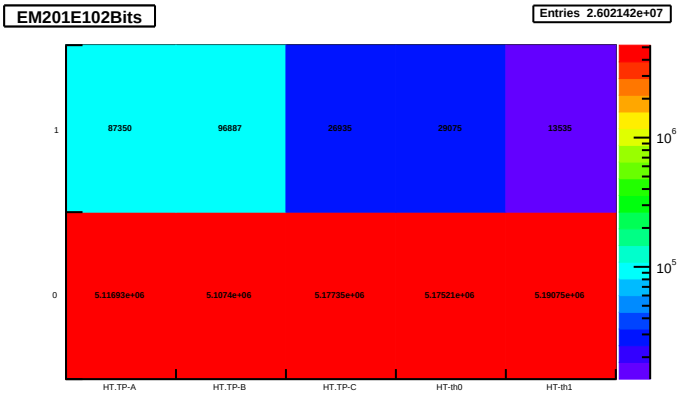

EM201E102JPThBits
Entries 0
simu
data

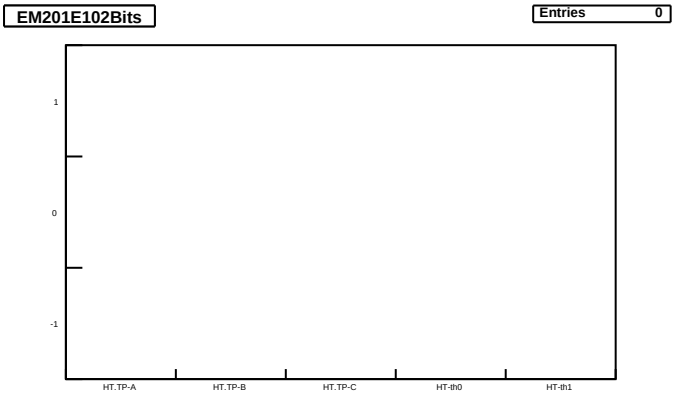

EM201E102JPSum
Entries5204283
×10^3
JP partial sum

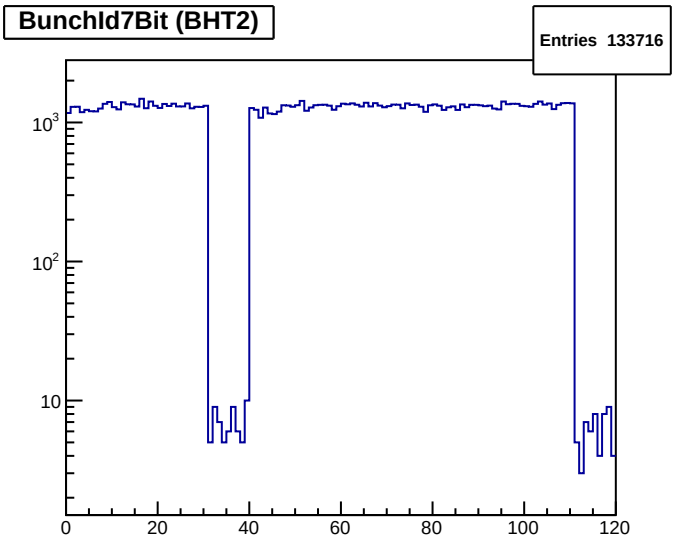

EM201E102JPSum
Entries 0
simu
data

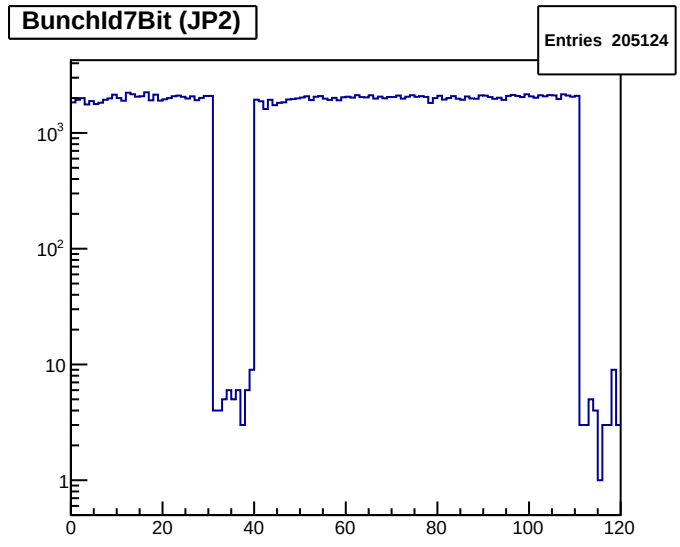

EM201E102JPId
Entries5204283
×10^3
JP partial Id

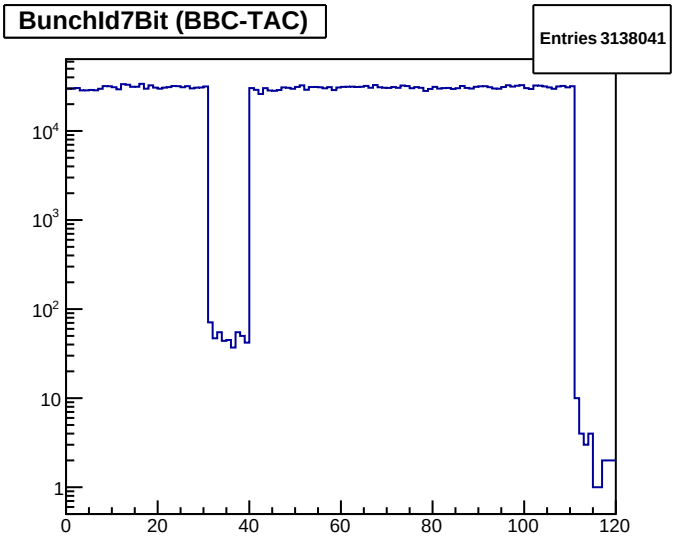

EM201E102JPId
Entries 0
simu
data

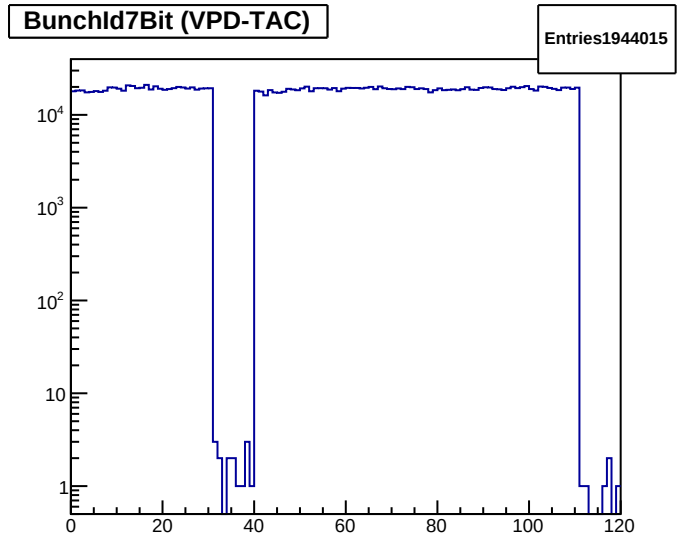

EM201E102Bits
Entries 2.602142e+07
87350
96887
26935
29075
13535
5.11693e+06
5.1074e+06
5.17735e+06
5.17521e+06
5.19075e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

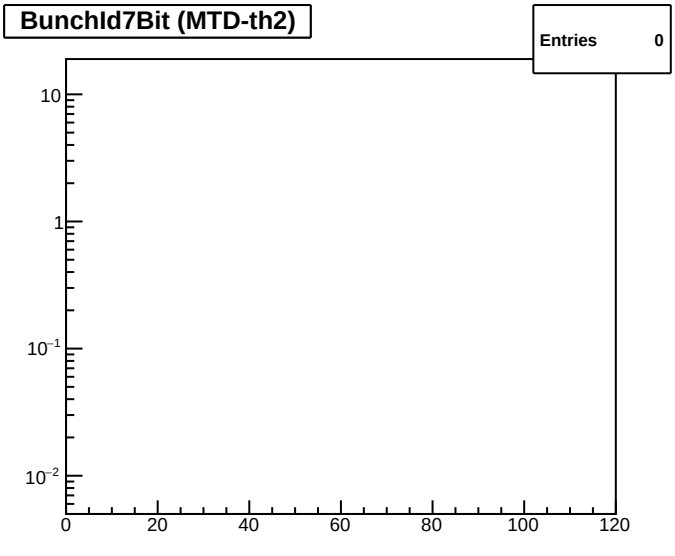

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

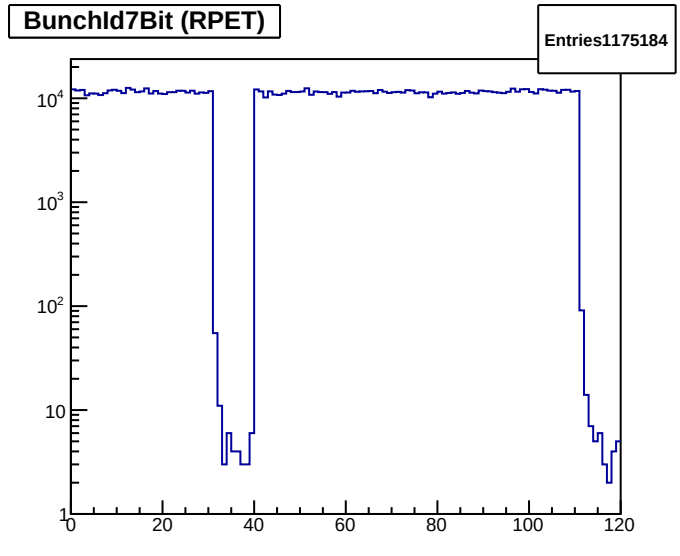

BunchId7Bit (BHT2)
Entries 133716

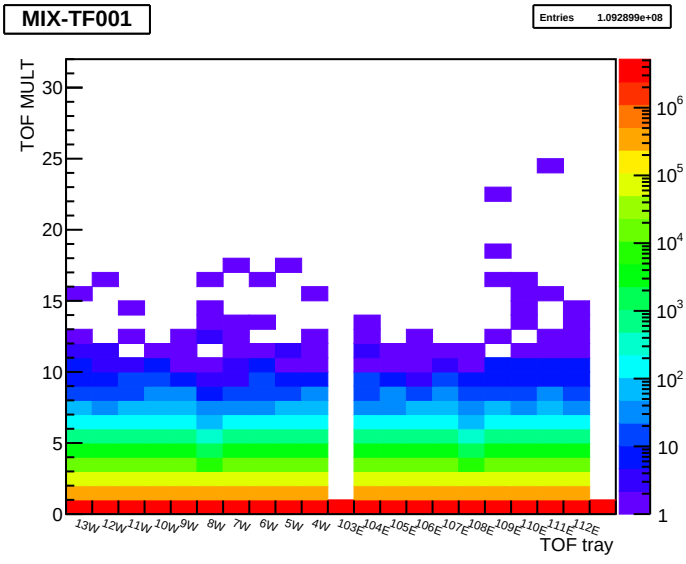

BunchId7Bit (JP2)
Entries 205124

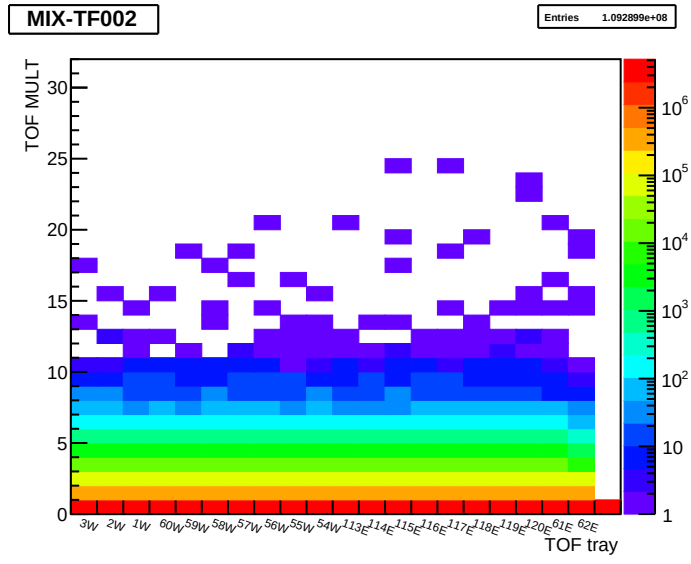

BunchId7Bit (BBC-TAC)
Entries 3138041

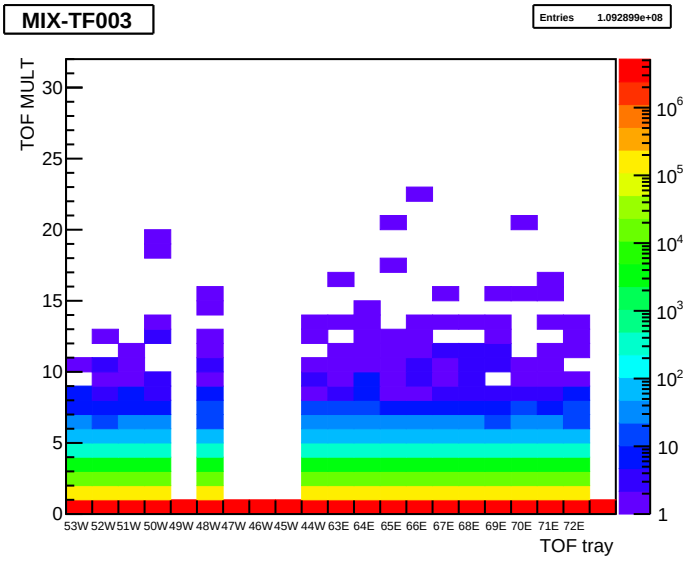

BunchId7Bit (VPD-TAC)
Entries1944015

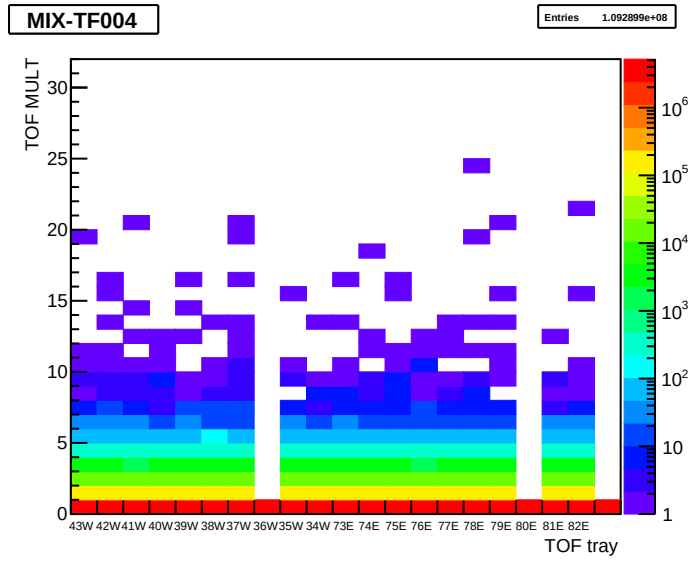

BunchId7Bit (MTD-th2)
Entries 0

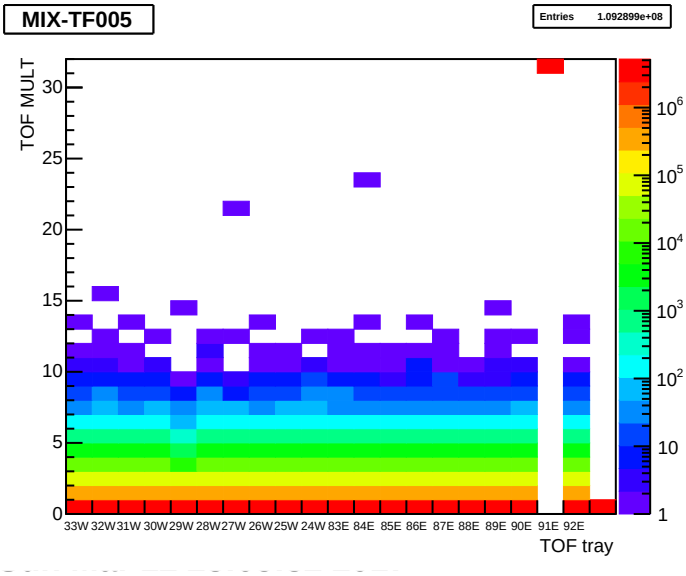

BunchId7Bit (RPET)
Entries1175184

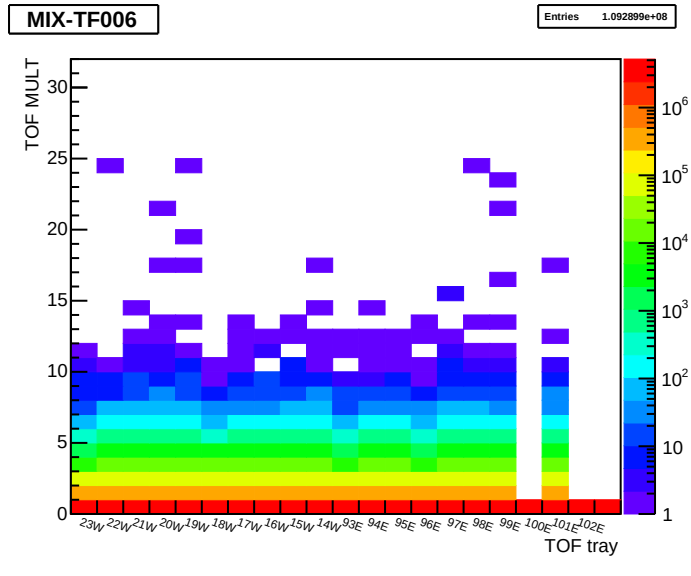

MIX-TF001
Entries 1.092899e+08
TOF MULT
TOF tray

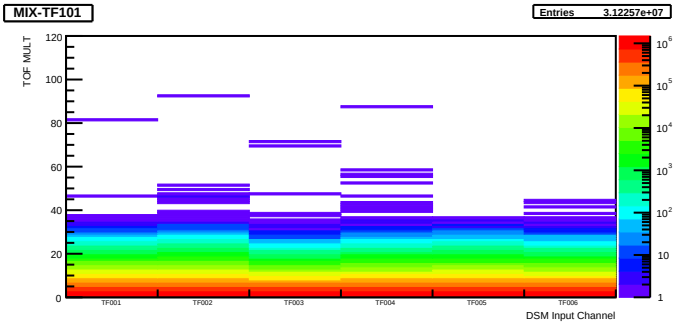

MIX-TF002
Entries 1.092899e+08
TOF MULT
TOF tray

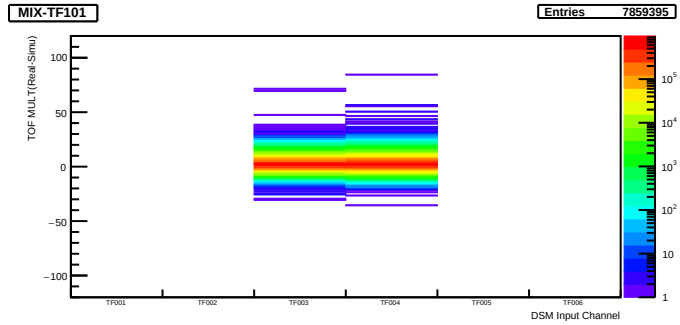

MIX-TF003
Entries 1.092899e+08
TOF MULT
TOF tray

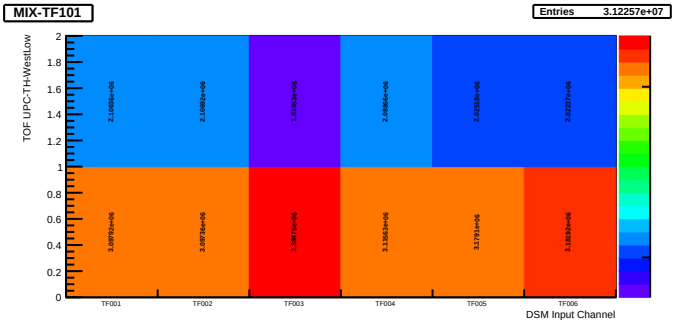

MIX-TF004
Entries 1.092899e+08
TOF MULT
TOF tray

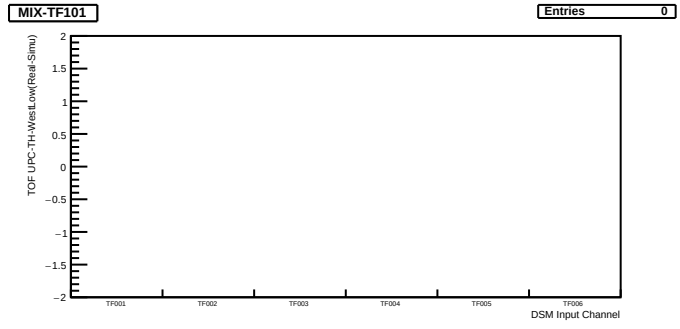

MIX-TF005
Entries 1.092899e+08
TOF MULT
TOF tray

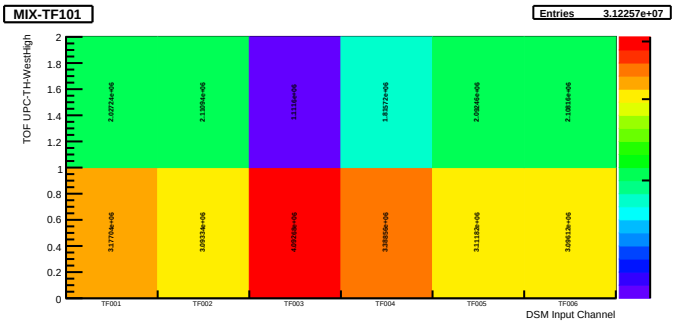

MIX-TF006
Entries 1.092899e+08
TOF MULT
TOF tray

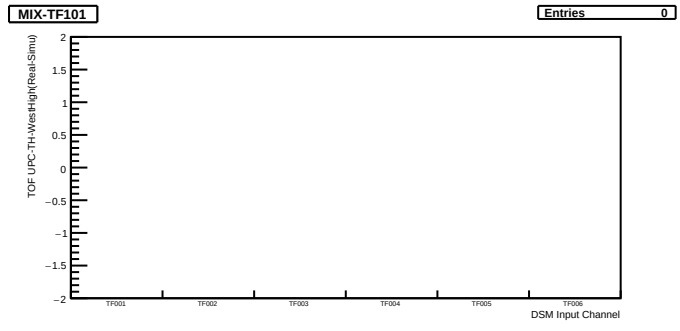

MIX-TF101
Entries 3.12257e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

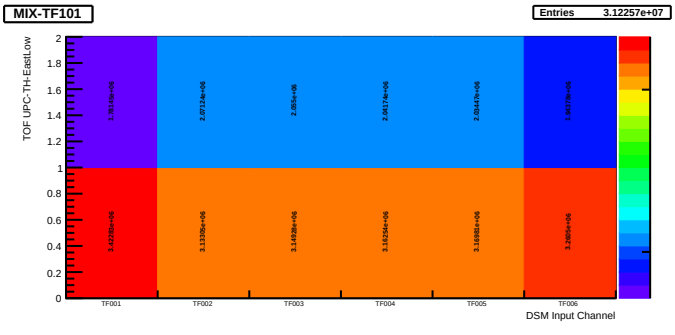

MIX-TF101
Entries 7859395
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

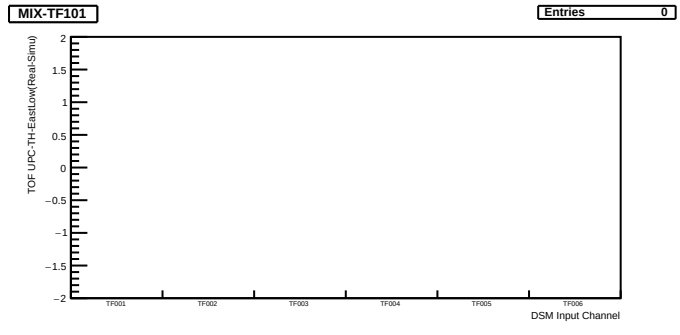

MIX-TF101
Entries 3.12257e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

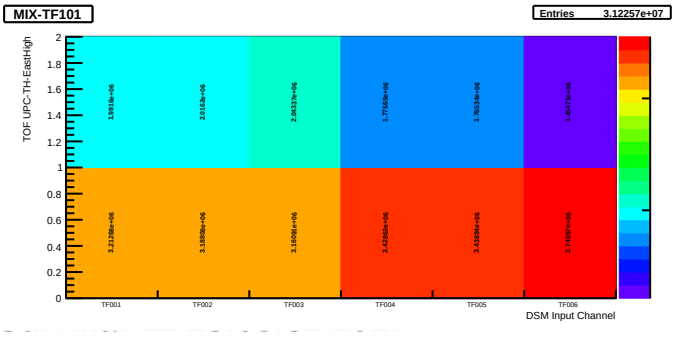

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

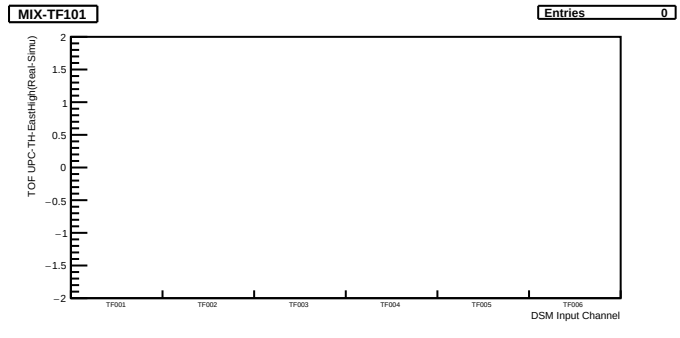

MIX-TF101
Entries 3.12257e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

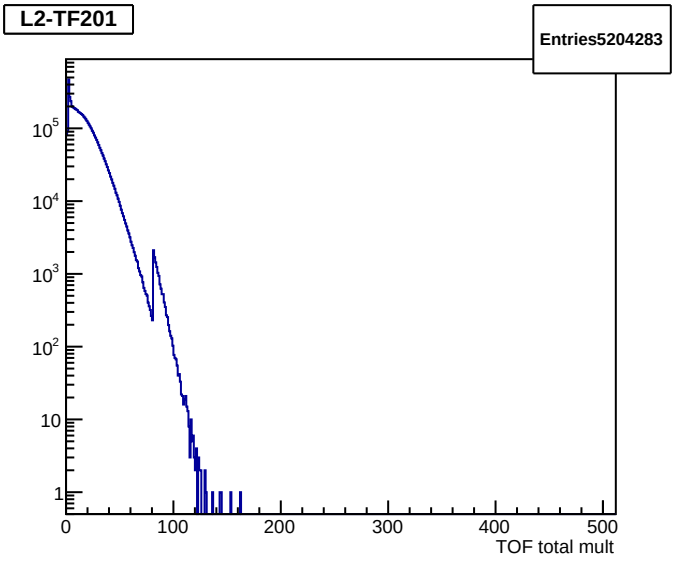

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

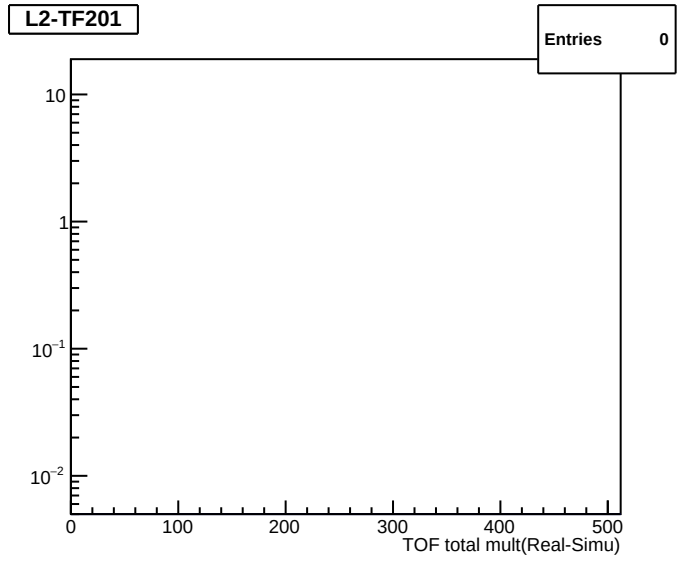

MIX-TF101
Entries 3.12257e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

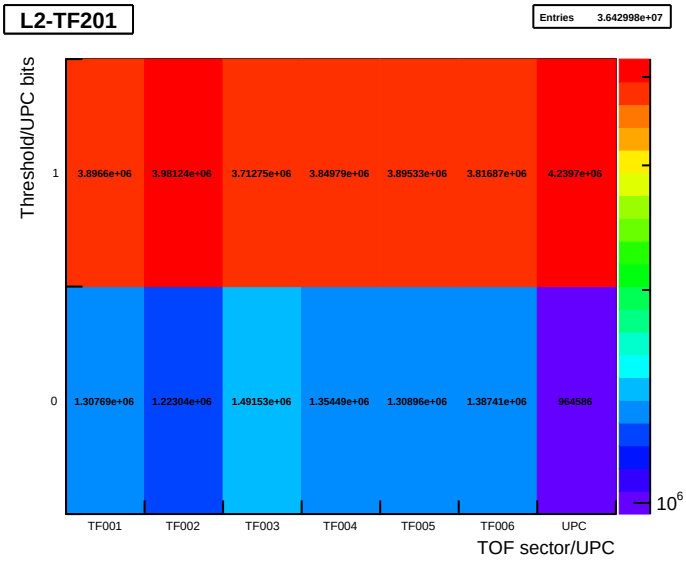

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

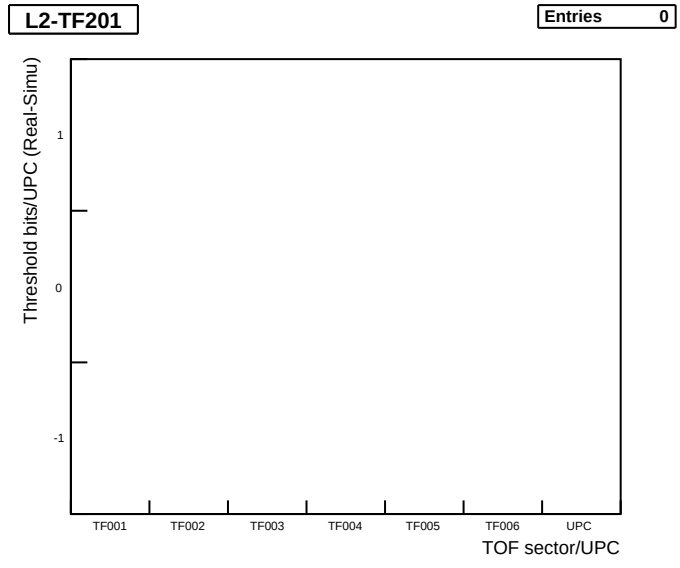

MIX-TF101
Entries 3.12257e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

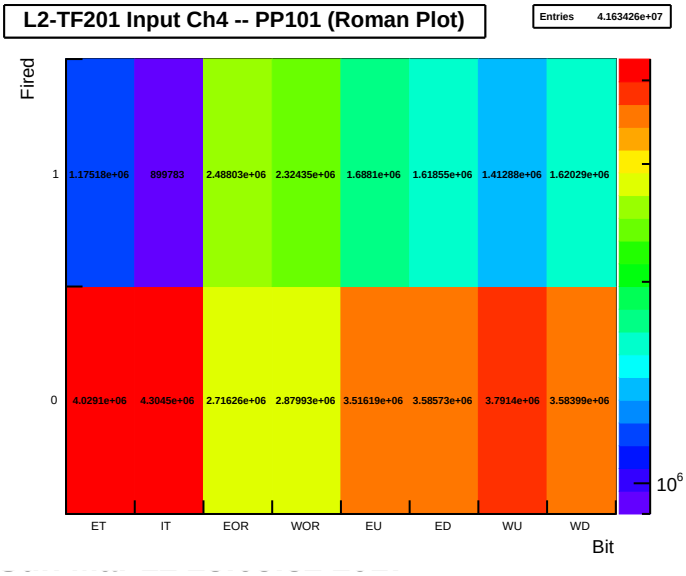

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

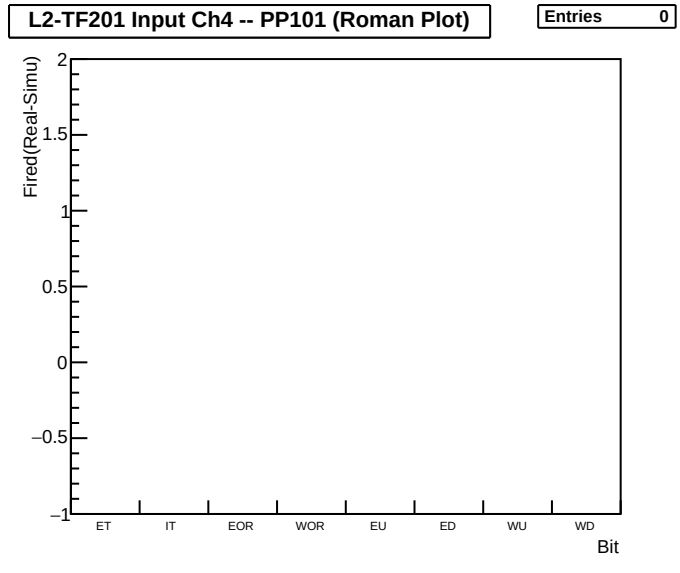

L2-TF201
Entries5204283
TOF total mult

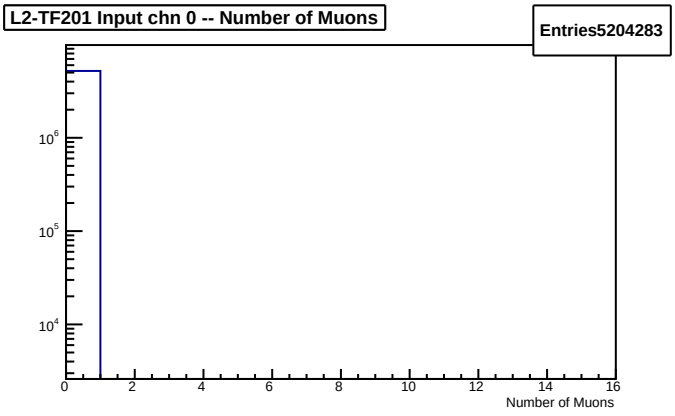

L2-TF201
Entries 0
TOF total mult(Real-Simu)

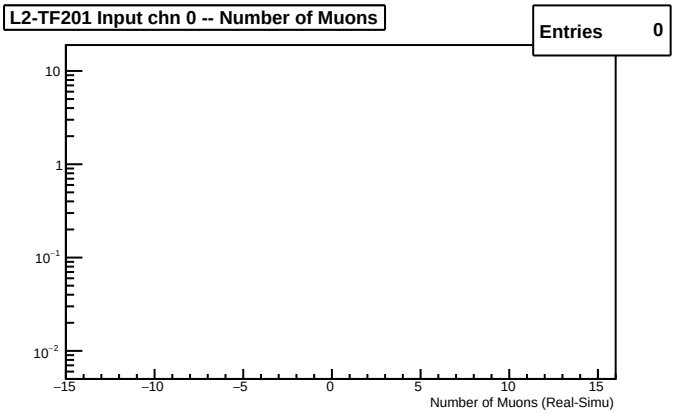

L2-TF201
Entries 3.642998e+07
Threshold/UPC bits
3.8966e+06
3.98124e+06
3.71275e+06
3.84979e+06
3.89533e+06
3.81687e+06
4.2397e+06
1.30769e+06
1.22304e+06
1.49153e+06
1.35449e+06
1.30896e+06
1.38741e+06
964586
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

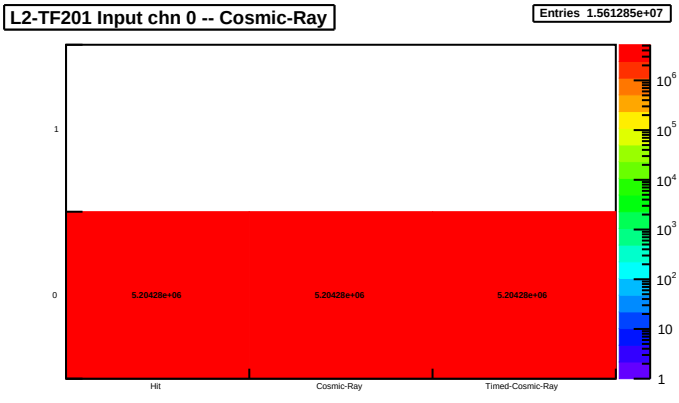

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

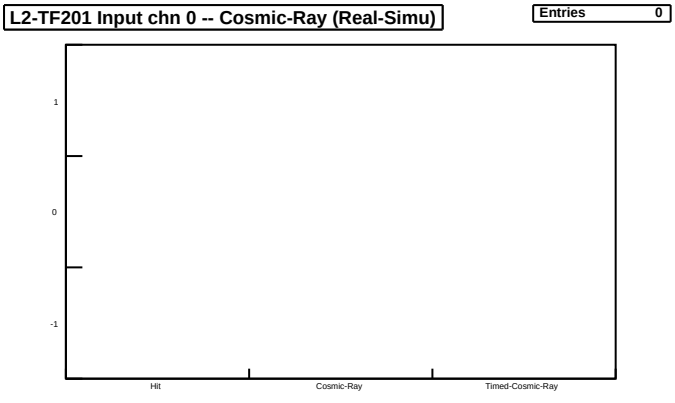

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.163426e+07
Fired
1.17518e+06
899783
2.48803e+06
2.32435e+06
1.6881e+06
1.61855e+06
1.41288e+06
1.62029e+06
4.0291e+06
4.3045e+06
2.71626e+06
2.87993e+06
3.51619e+06
3.58573e+06
3.7914e+06
3.58399e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

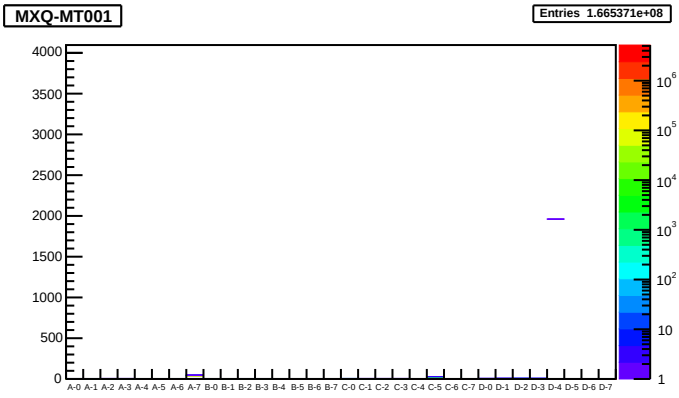

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

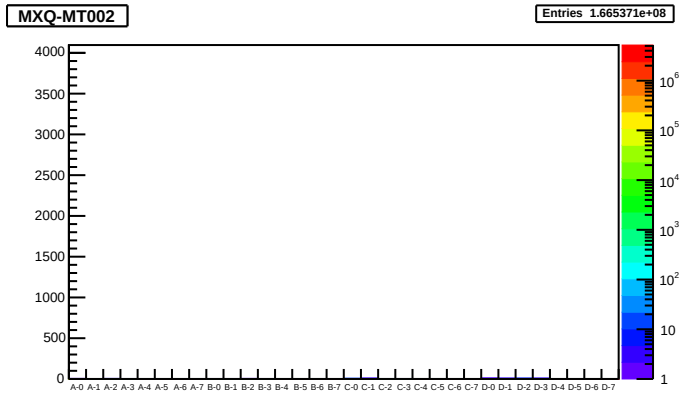

L2-TF201 Input chn 0 -- Number of Muons
Entries5204283
Number of Muons

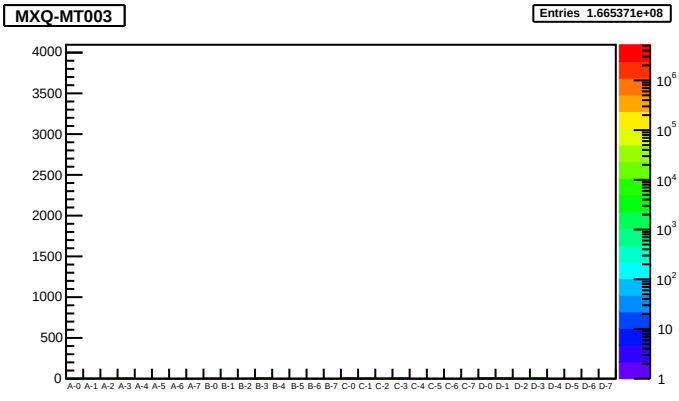

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

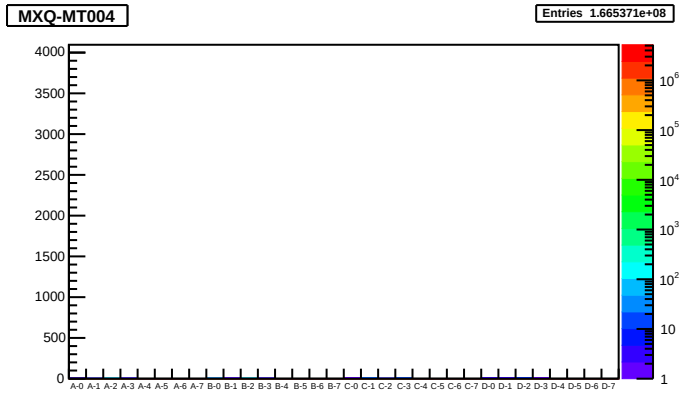

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.561285e+07
5.20428e+06
5.20428e+06
5.20428e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

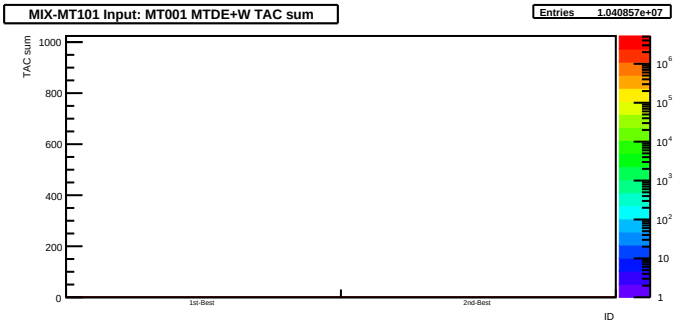

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

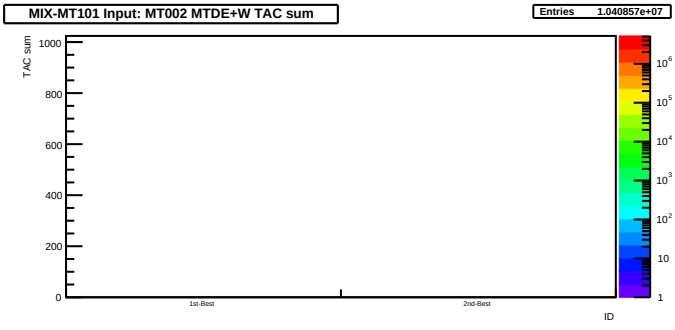

MXQ-MT001
Entries 1.665371e+08

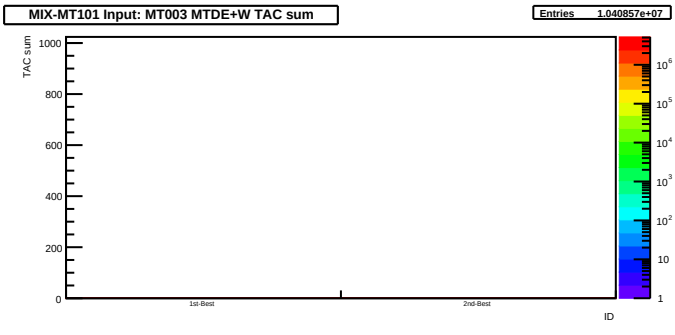

MXQ-MT002
Entries 1.665371e+08

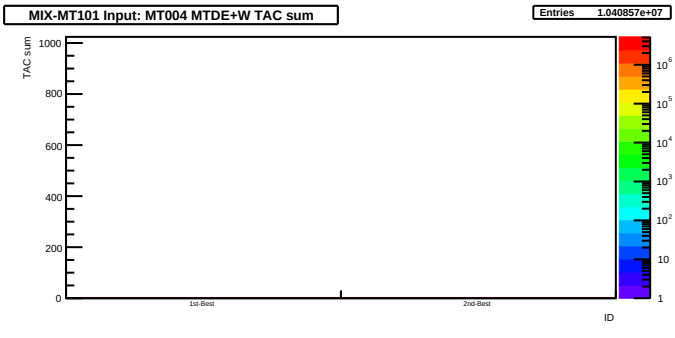

MXQ-MT003
Entries 1.665371e+08

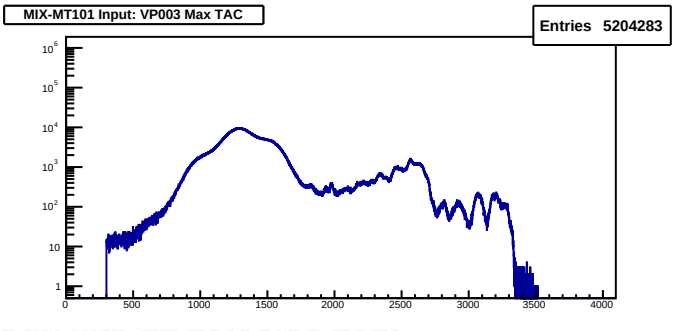

MXQ-MT004
Entries 1.665371e+08

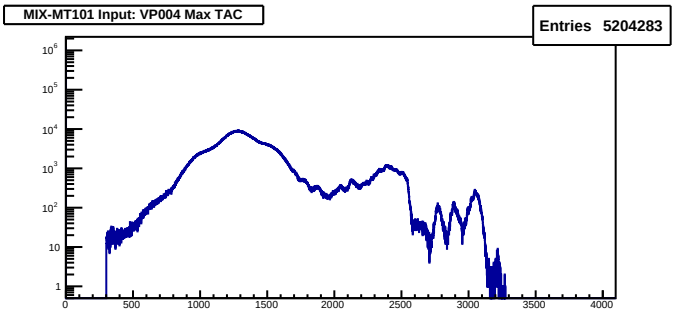

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.040857e+07
TAC sum
1st-Best
2nd-Best
ID

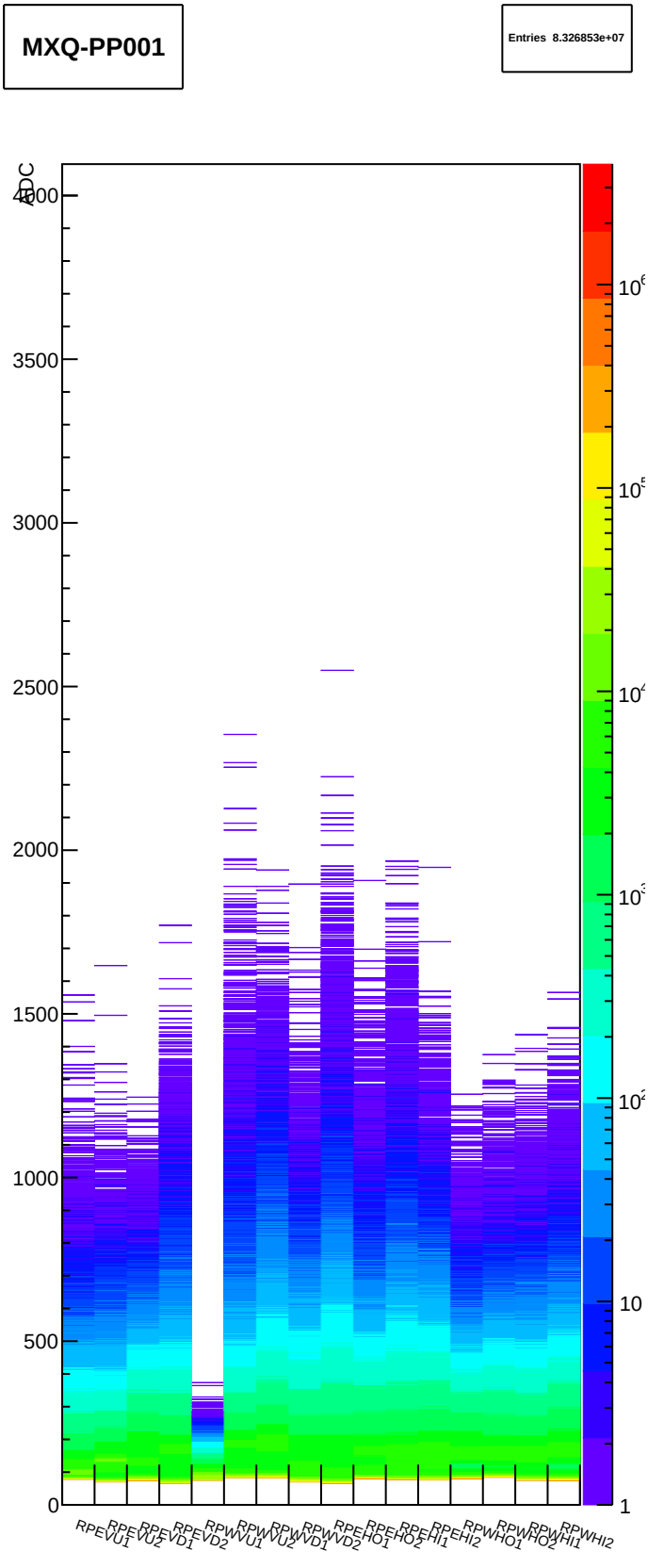

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.040857e+07
TAC sum
1st-Best
2nd-Best
ID

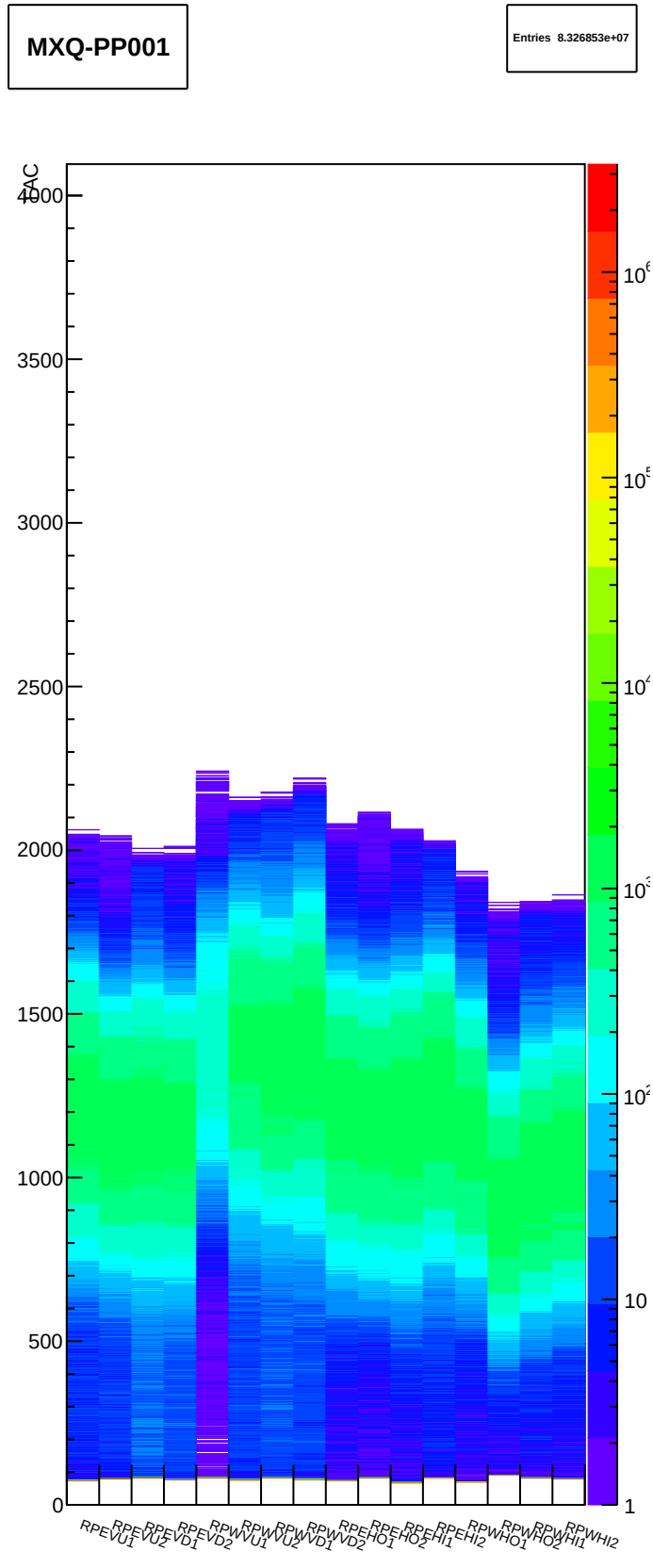

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.040857e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.040857e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 5204283


MIX-MT101 Input: VP004 Max TAC
Entries 5204283


MXQ-PP001
Entries 8.326853e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 8.326853e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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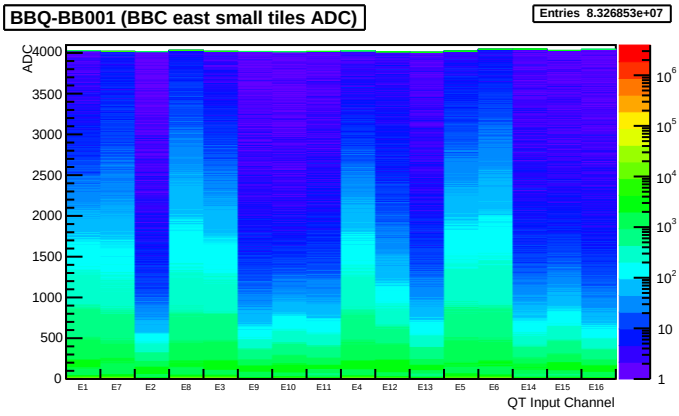
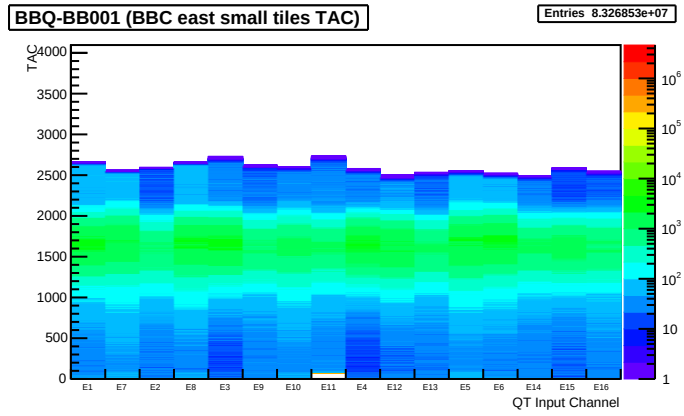
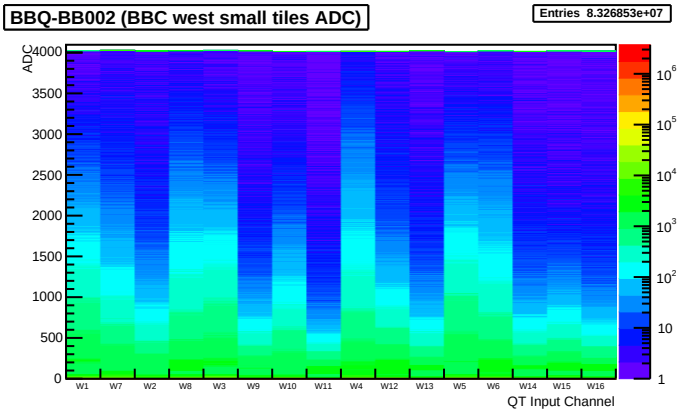
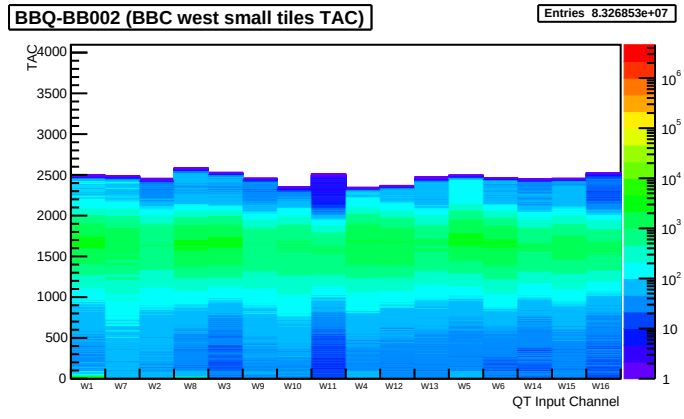
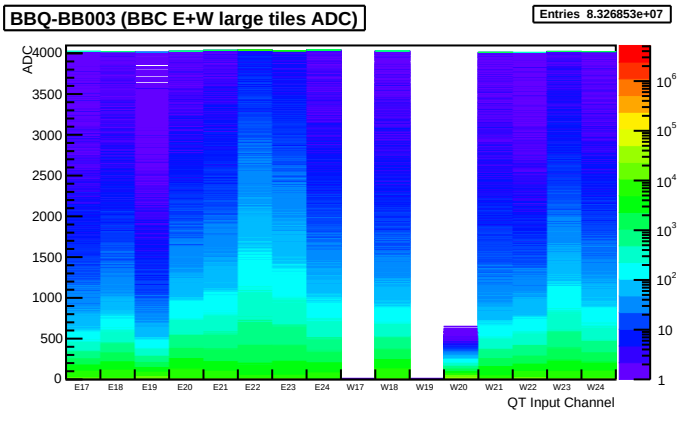
10^5
10^4
10^3
10^2
10
1

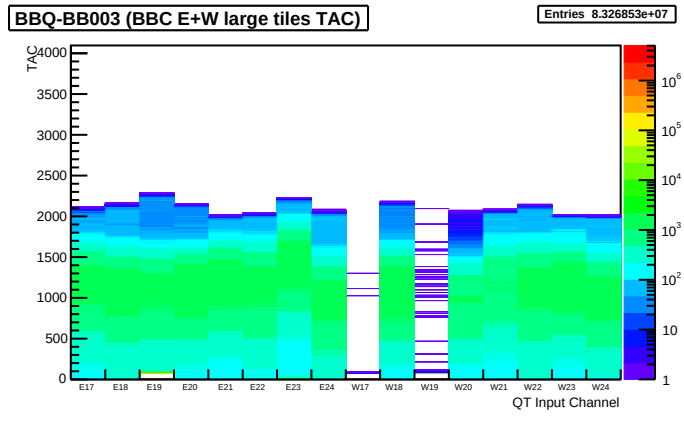

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.326853e+07
ADC
QT Input Channel

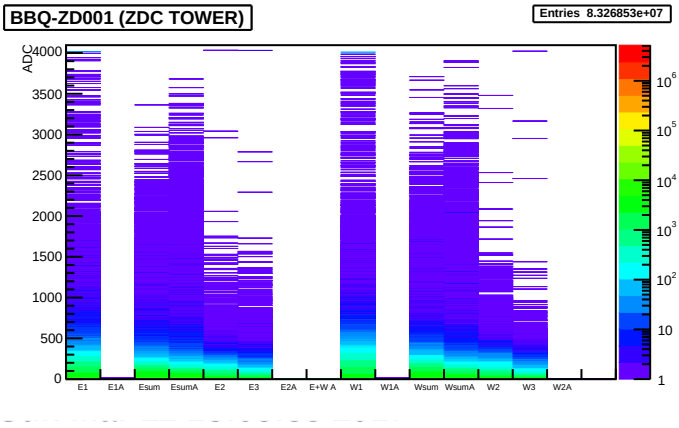

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.326853e+07
TAC
QT Input Channel

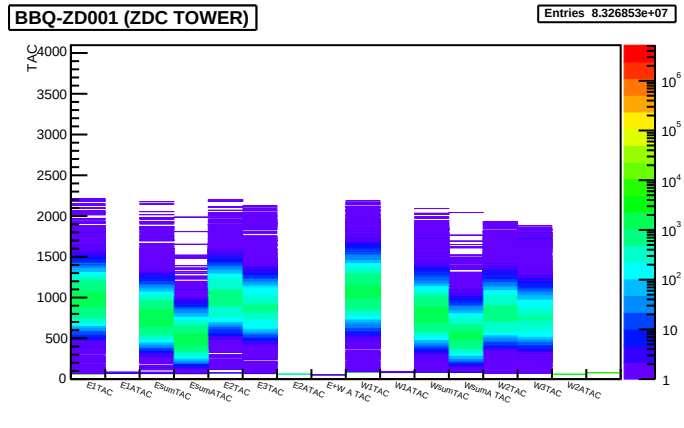

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.326853e+07
ADC
QT Input Channel

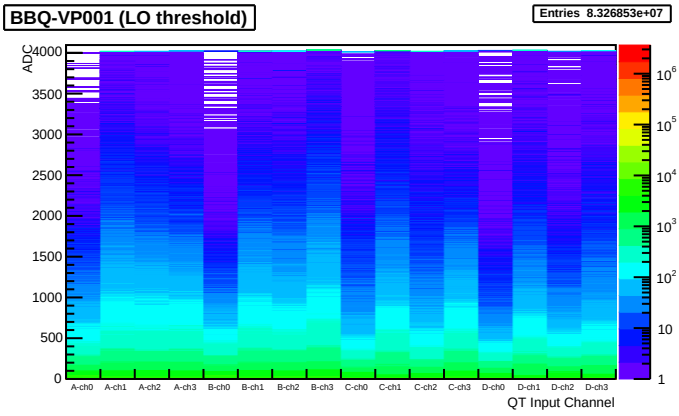

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.326853e+07
TAC
QT Input Channel

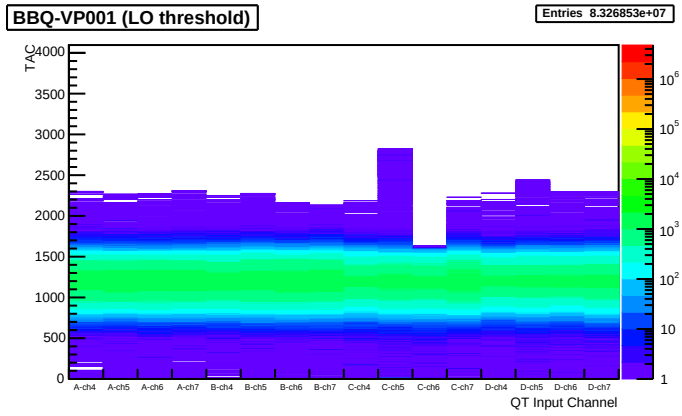

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.326853e+07
ADC
QT Input Channel

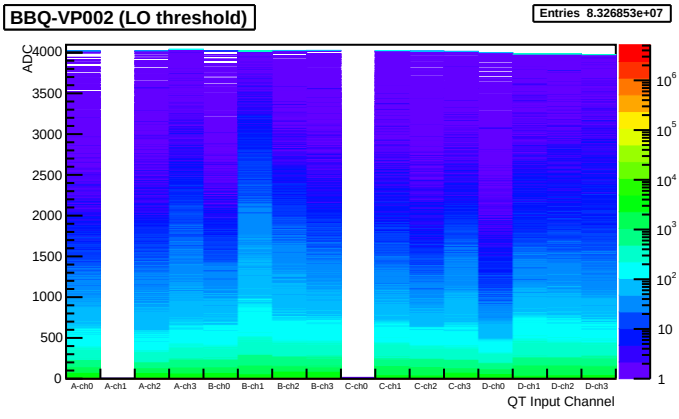

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.326853e+07
TAC
QT Input Channel

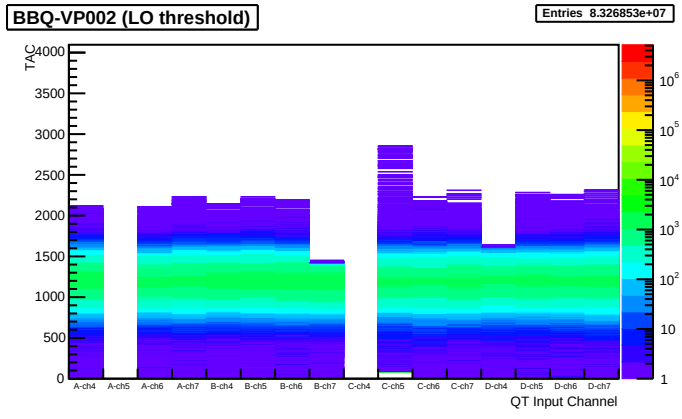

BBQ-ZD001 (ZDC TOWER)
Entries 8.326853e+07
ADC

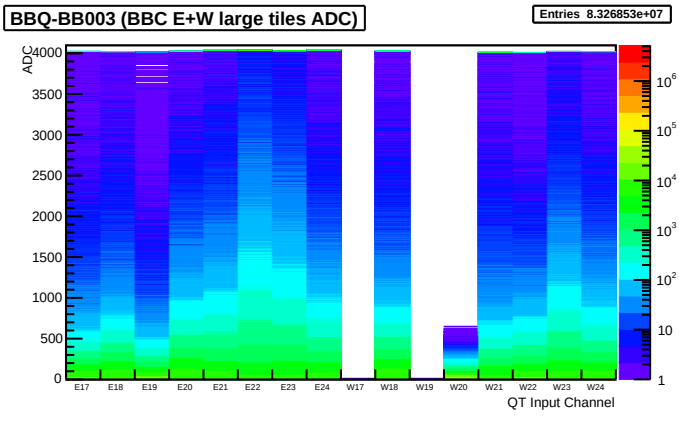

BBQ-ZD001 (ZDC TOWER)
Entries 8.326853e+07
TAC

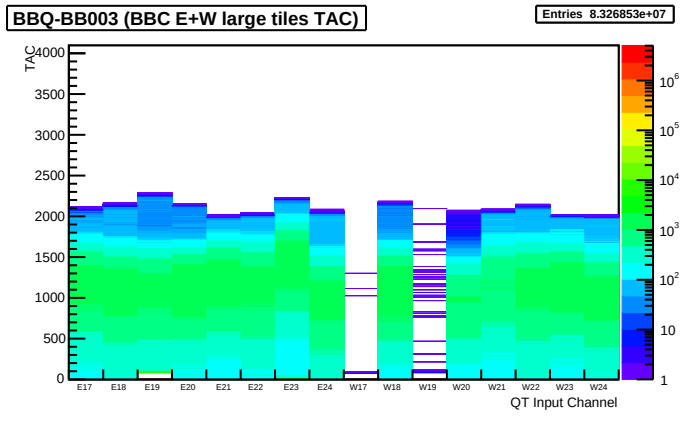

BBQ-VP001 (LO threshold)
Entries 8.326853e+07
ADC
QT Input Channel

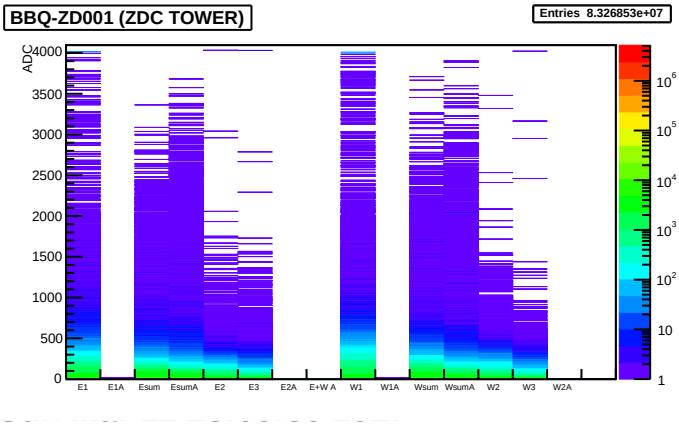

BBQ-VP001 (LO threshold)
Entries 8.326853e+07
TAC
QT Input Channel

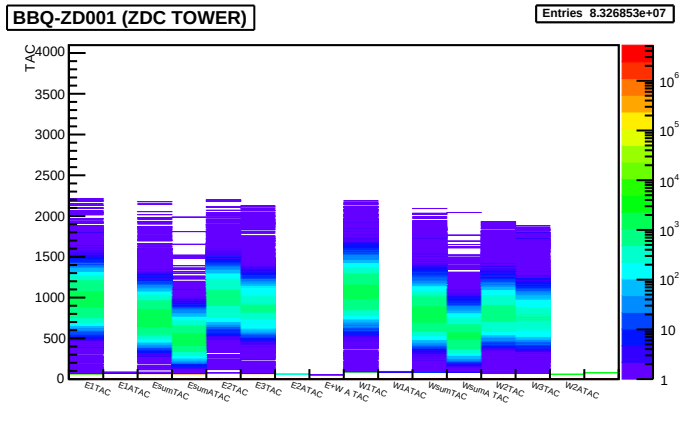

BBQ-VP002 (LO threshold)
Entries 8.326853e+07
ADC
QT Input Channel

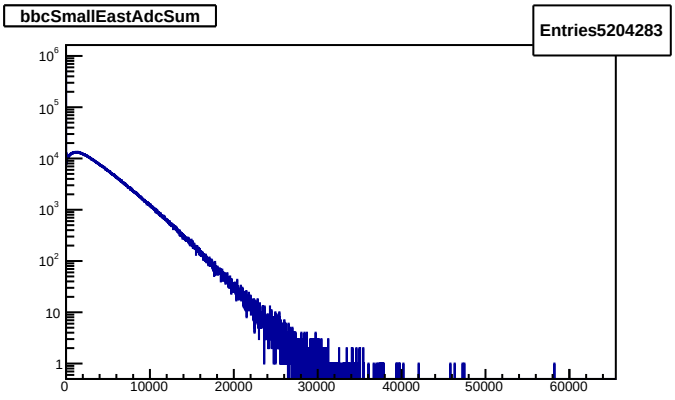

BBQ-VP002 (LO threshold)
Entries 8.326853e+07
TAC
QT Input Channel

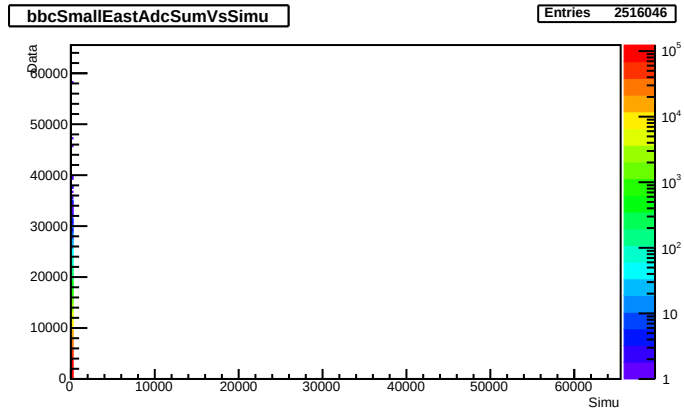

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.326853e+07
ADC
QT Input Channel

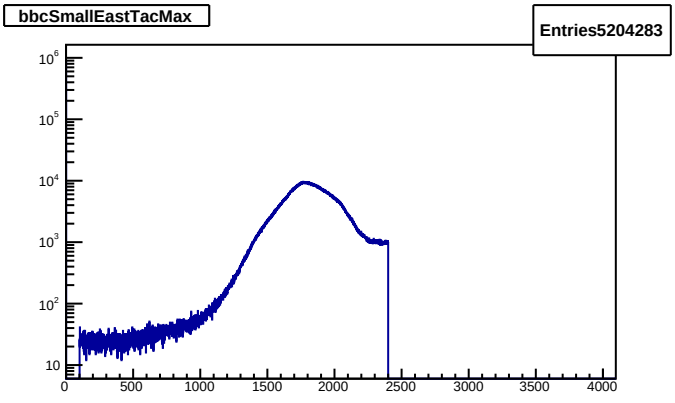

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.326853e+07
TAC
QT Input Channel

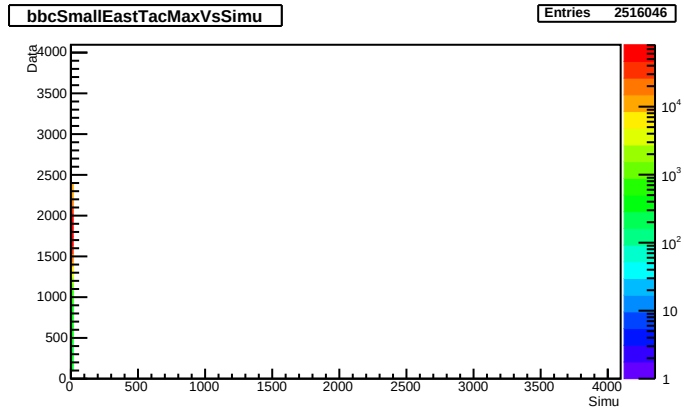

BBQ-ZD001 (ZDC TOWER)
Entries 8.326853e+07
ADC

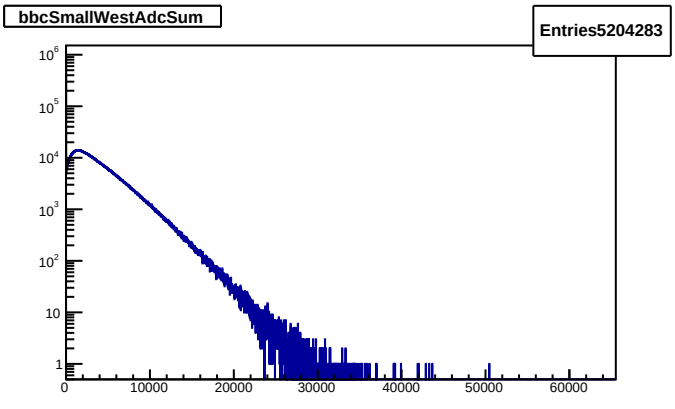

BBQ-ZD001 (ZDC TOWER)
Entries 8.326853e+07
TAC

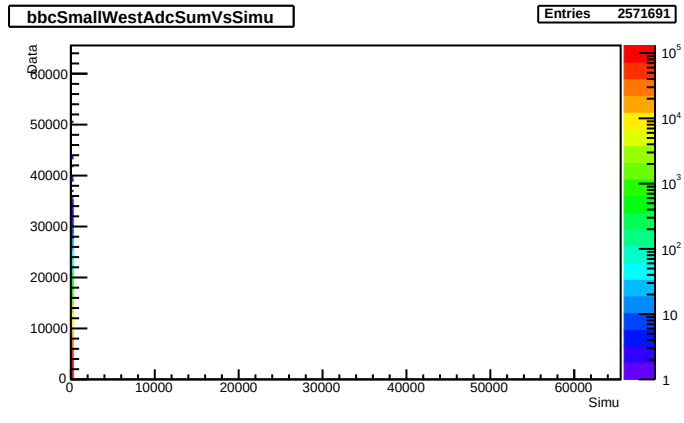

bbcSmallEastAdcSum
Entries5204283

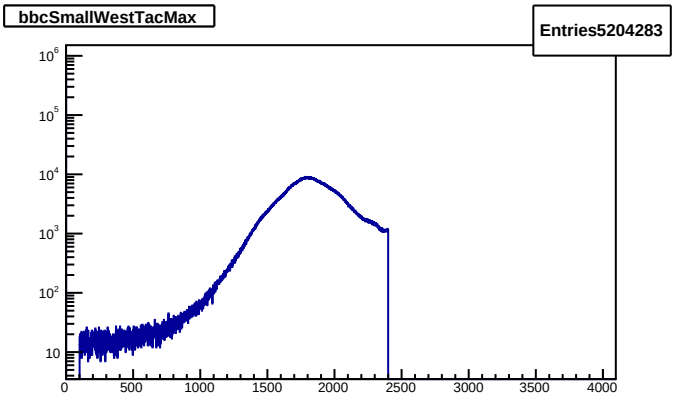

bbcSmallEastAdcSumVsSimu
Entries 2516046
Data
Simu

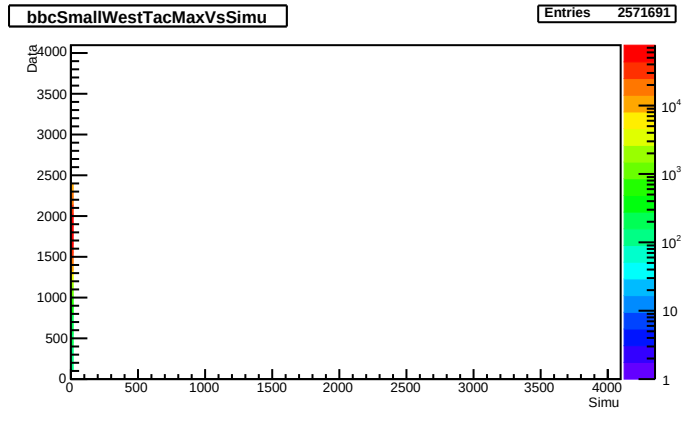

bbcSmallEastTacMax
Entries5204283

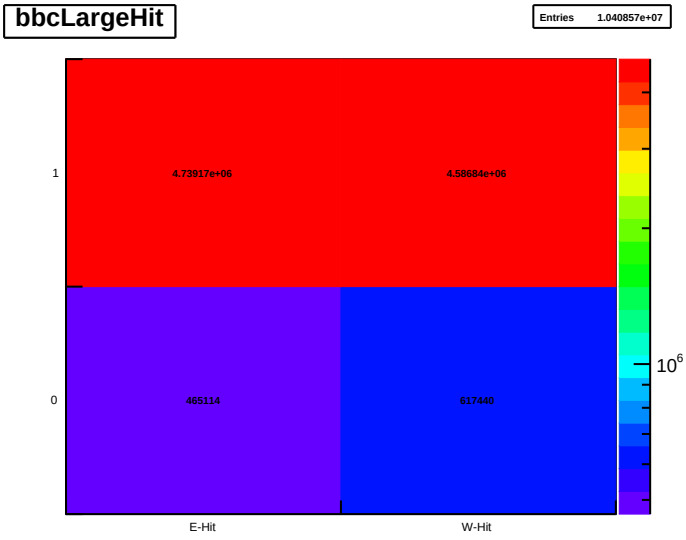

bbcSmallEastTacMaxVsSimu
Entries 2516046
Data
Simu

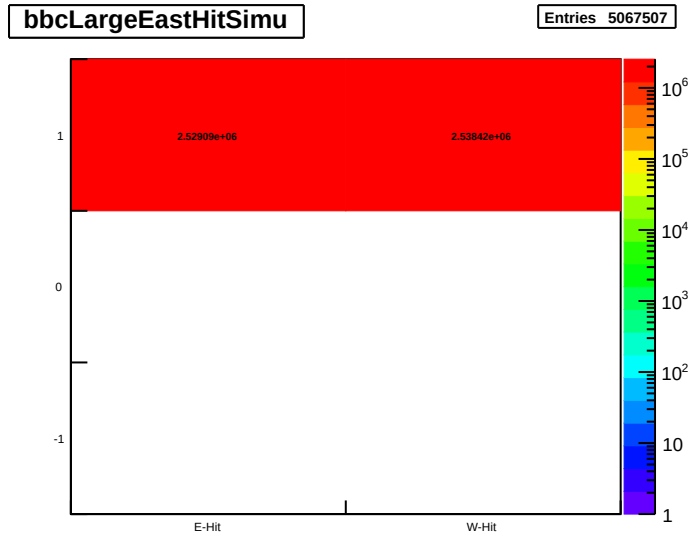

bbcSmallWestAdcSum
Entries5204283

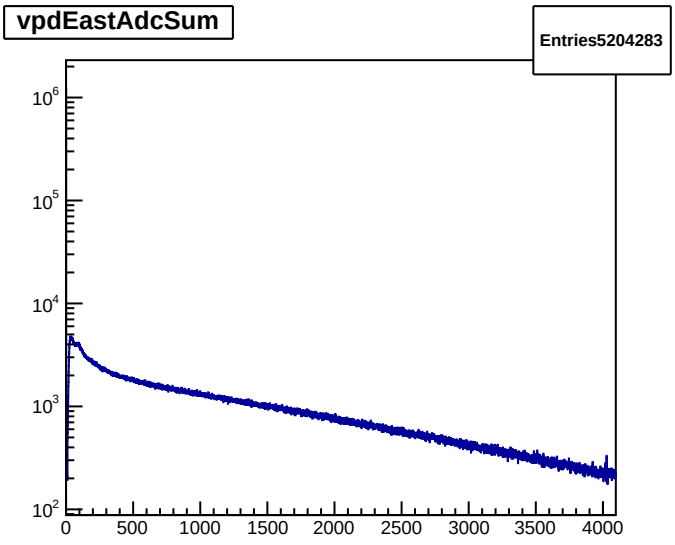

bbcSmallWestAdcSumVsSimu
Entries 2571691
Data
Simu

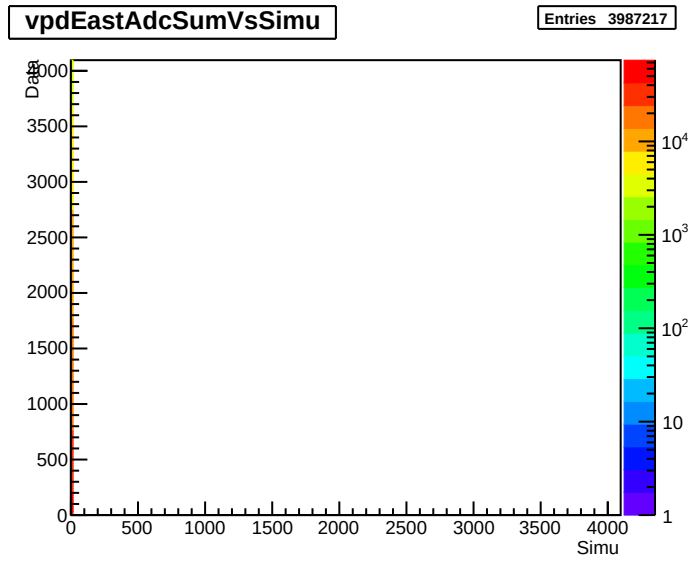

bbcSmallWestTacMax
Entries5204283

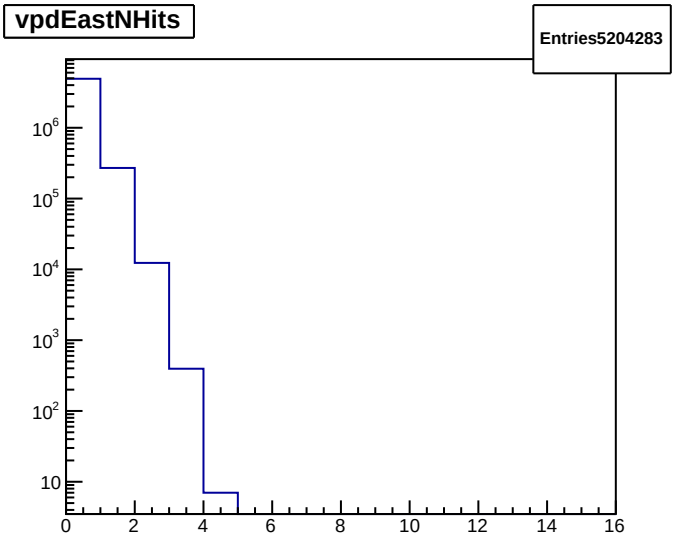

bbcSmallWestTacMaxVsSimu
Entries 2571691
Data
Simu

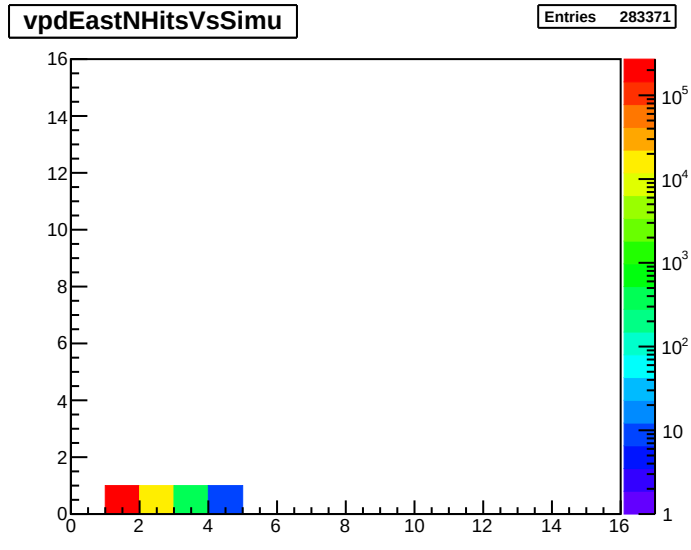

bbcLargeHit
Entries 1.040857e+07
1
0
4.73917e+06
4.58684e+06
465114
617440
E-Hit
W-Hit
10^6

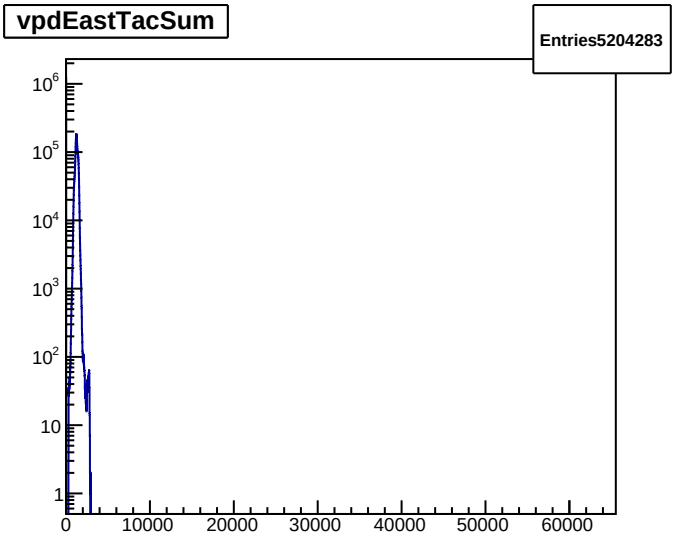

bbcLargeEastHitSimu
Entries 5067507
1
0
-1
2.52909e+06
2.53842e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

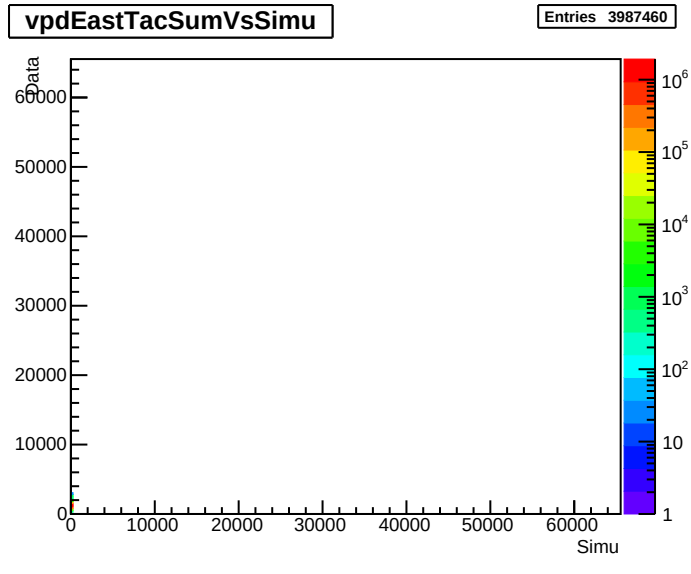

vpdEastAdcSum
Entries5204283

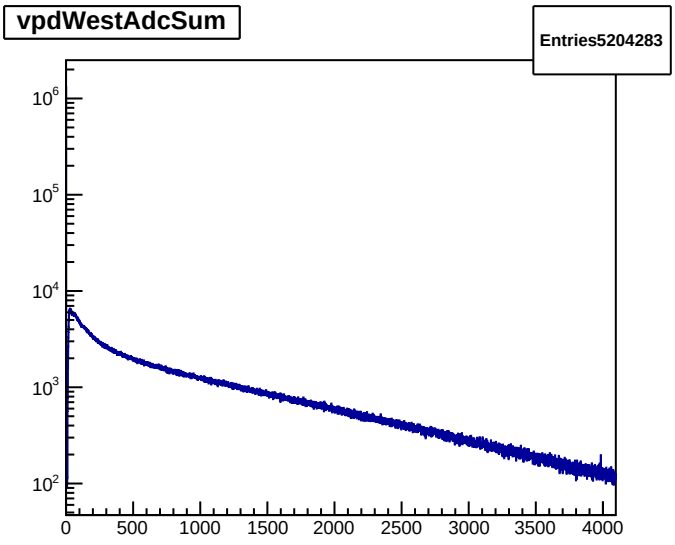

vpdEastAdcSumVsSimu
Entries 3987217
Data
Simu

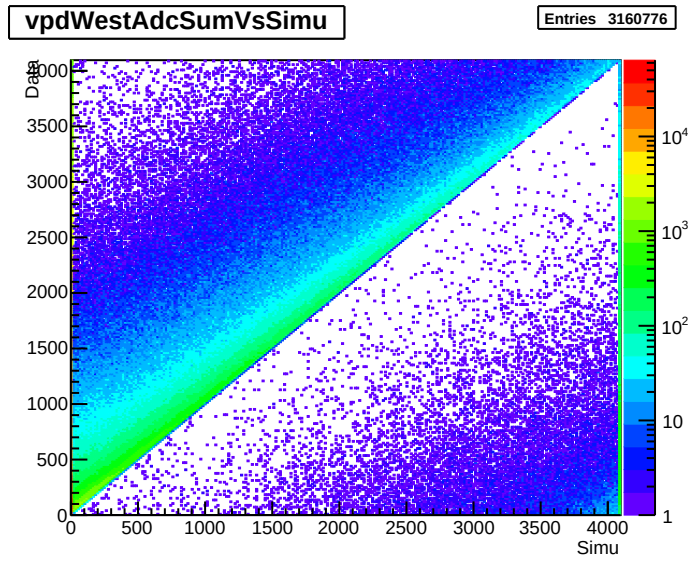

vpdEastNHits
Entries5204283

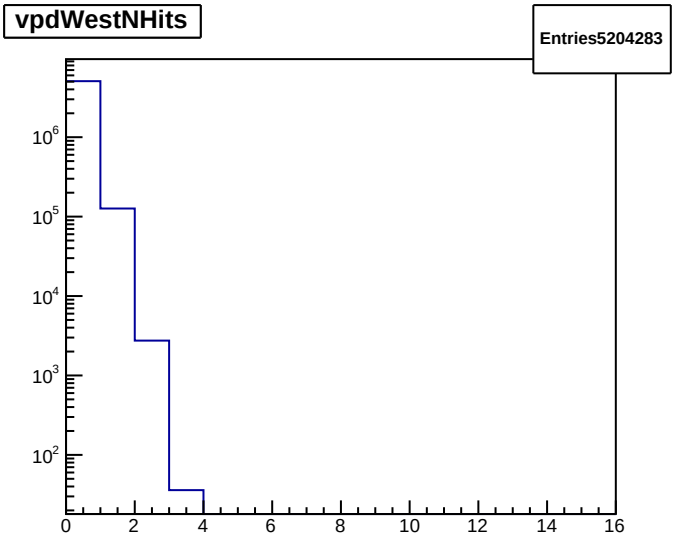

vpdEastNHitsVsSimu
Entries 283371

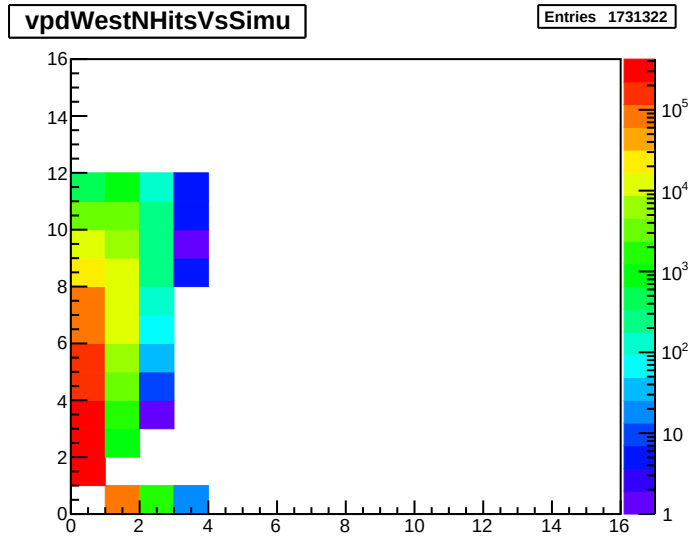

vpdEastTacSum
Entries5204283

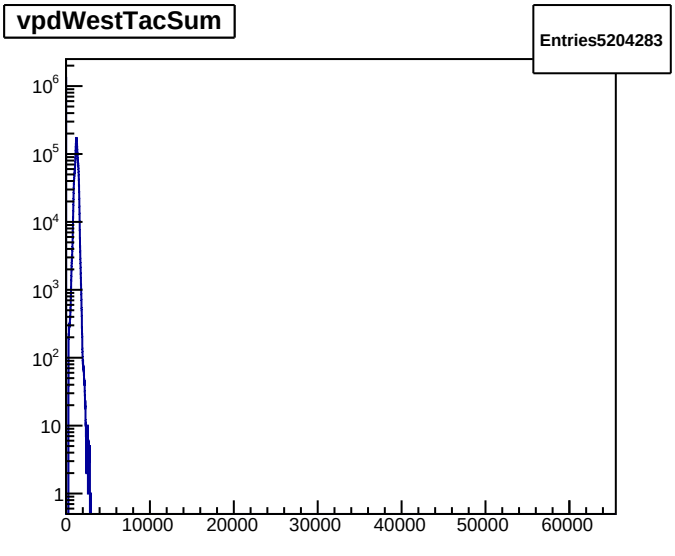

vpdEastTacSumVsSimu
Entries 3987460
Data
Simu

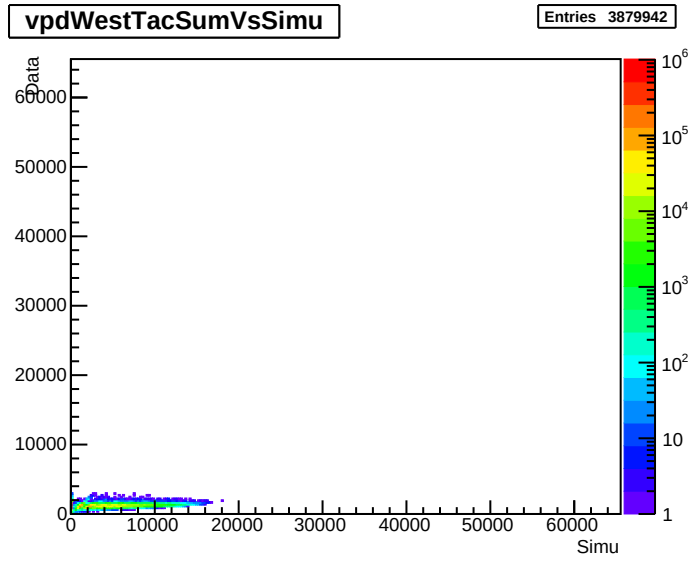

vpdWestAdcSum
Entries5204283

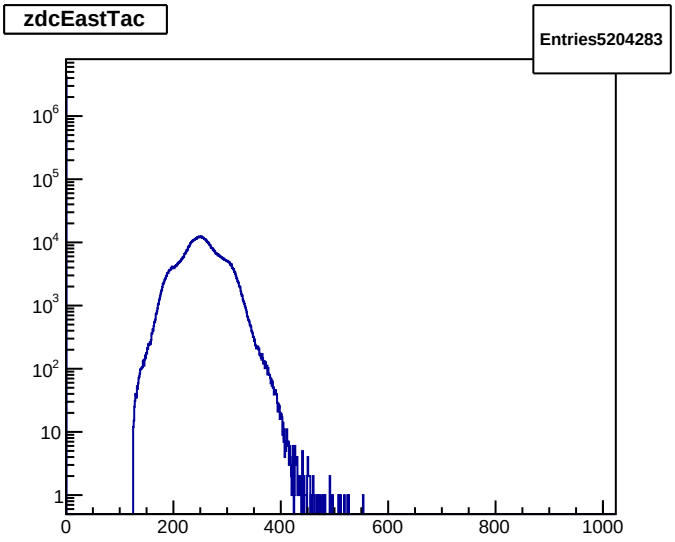

vpdWestAdcSumVsSimu
Entries 3160776
Data
Simu

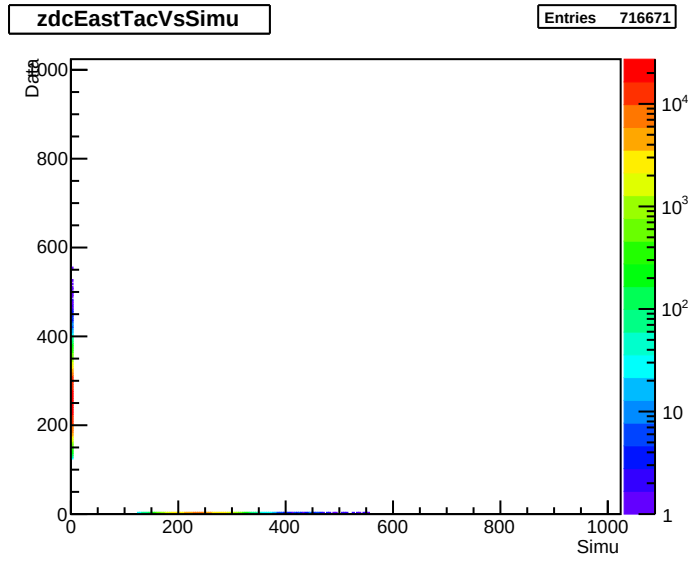

vpdWestNHits
Entries5204283

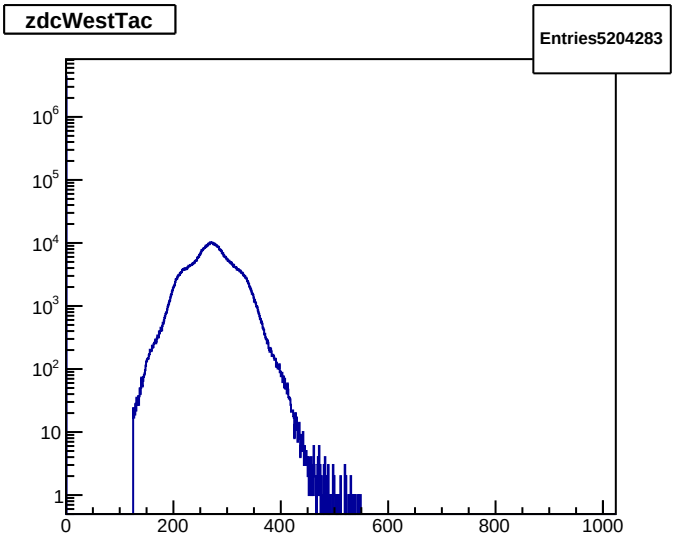

vpdWestNHitsVsSimu
Entries 1731322

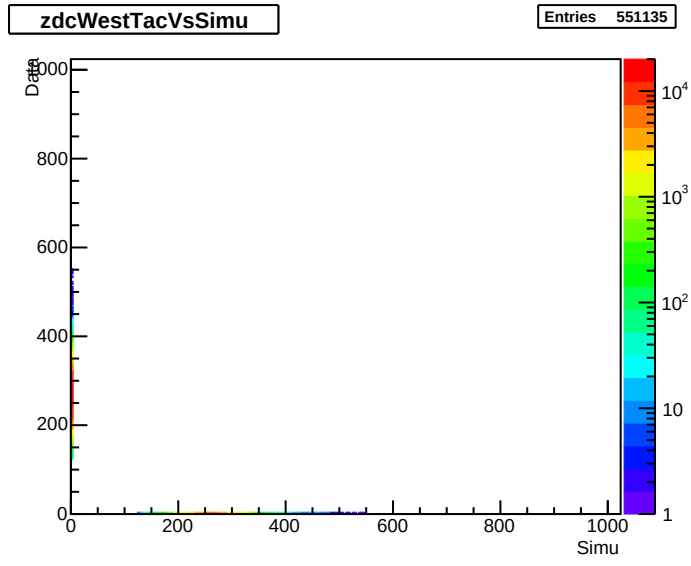

vpdWestTacSum
Entries5204283

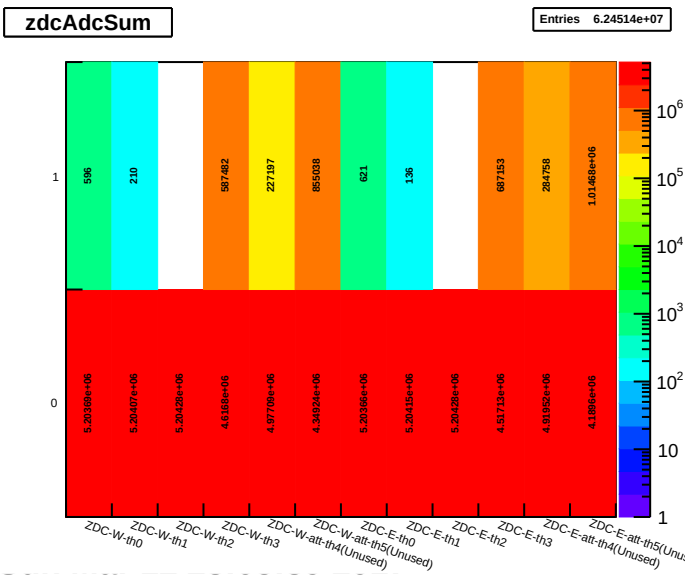

vpdWestTacSumVsSimu
Entries 3879942
Data
Simu

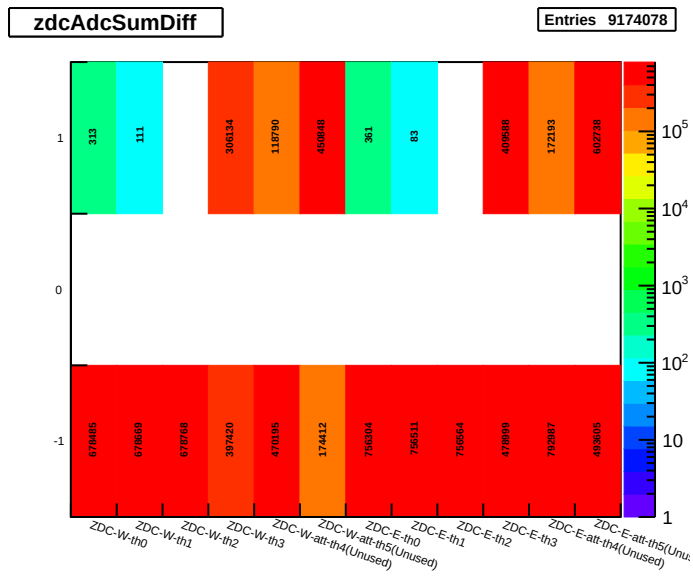

zdcEastTac
Entries5204283

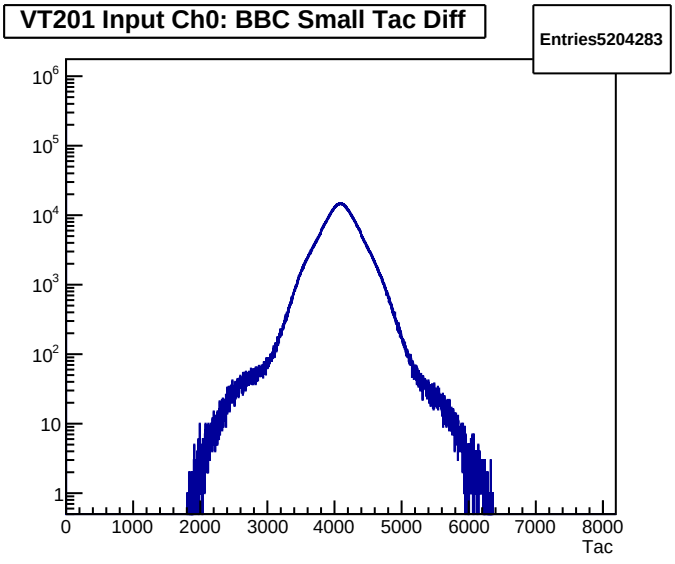

zdcEastTacVsSimu
Entries 716671
Data
Simu

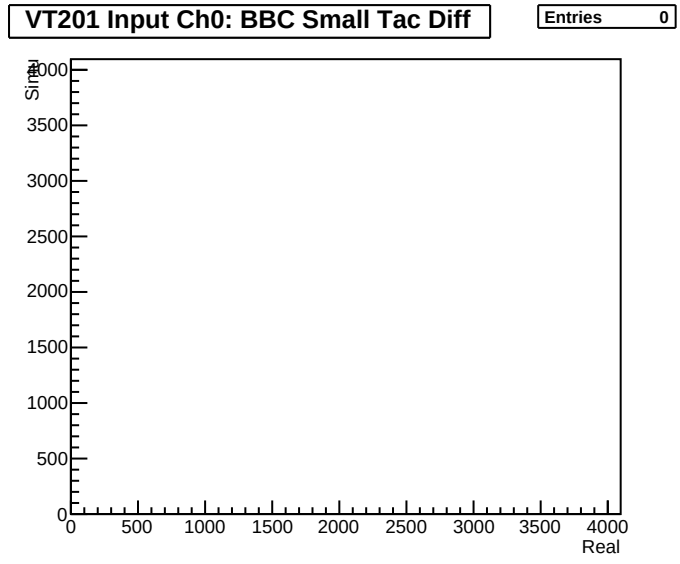

zdcWestTac
Entries5204283

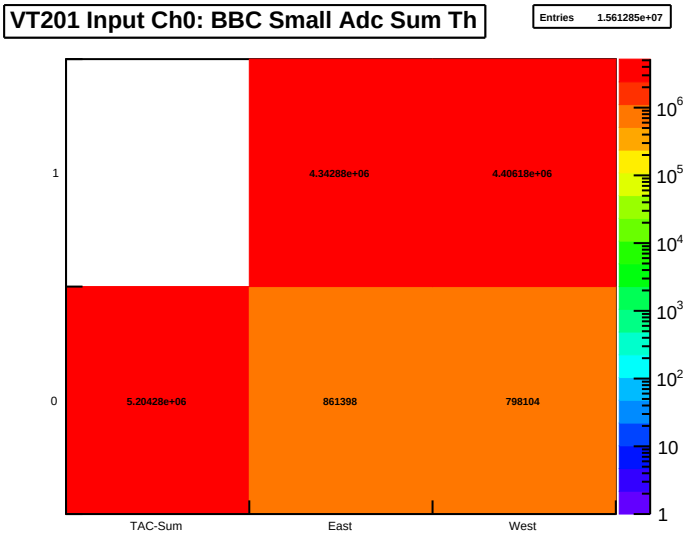

zdcWestTacVsSimu
Entries 551135
Data
Simu

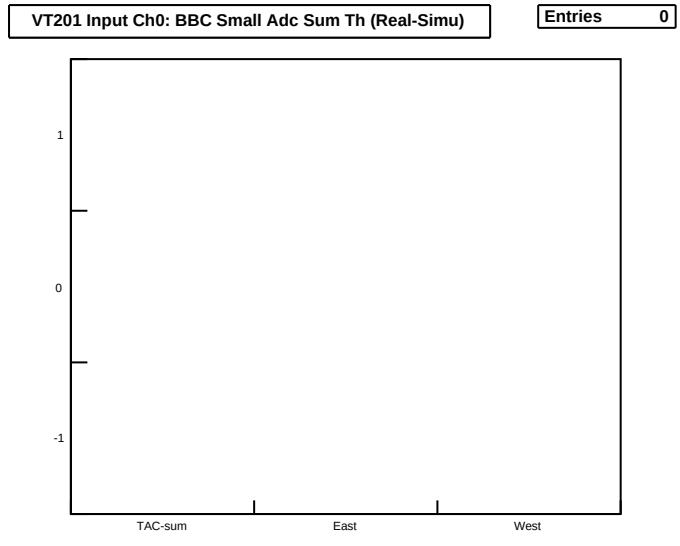

zdcAdcSum
Entries 6.24514e+07
596
210
587482
227197
855038
621
136
687153
284758
1.01468e+06
5.20368e+06
5.20407e+05
5.20428e+06
4.6168e+06
4.97709e+06
4.34924e+06
5.20368e+06
5.20415e+06
5.20428e+05
4.51712e+06
4.91952e+06
4.1896e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

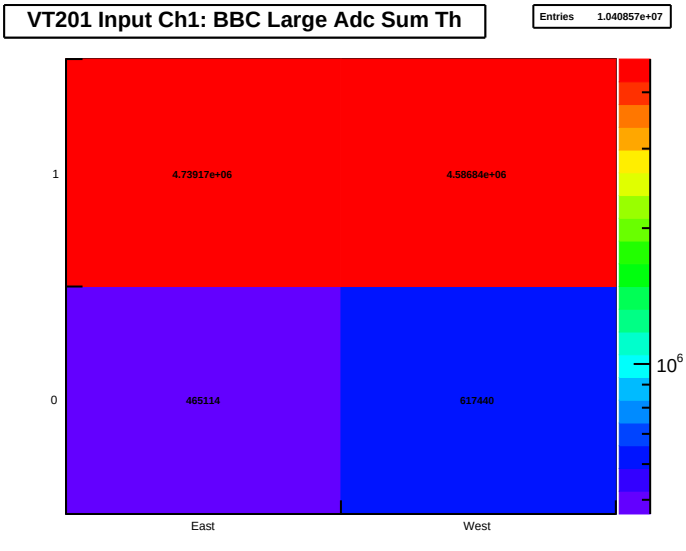

zdcAdcSumDiff
Entries 9174078
313
111
306134
118790
450848
361
83
409588
172193
602738
678485
678669
678768
397420
470195
174412
755394
756511
755564
478999
792987
493605
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

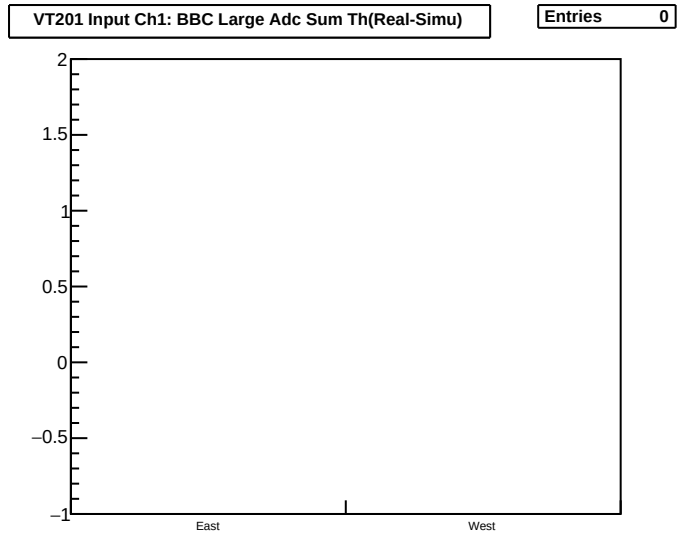

VT201 Input Ch0: BBC Small Tac Diff
Entries5204283
Tac


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

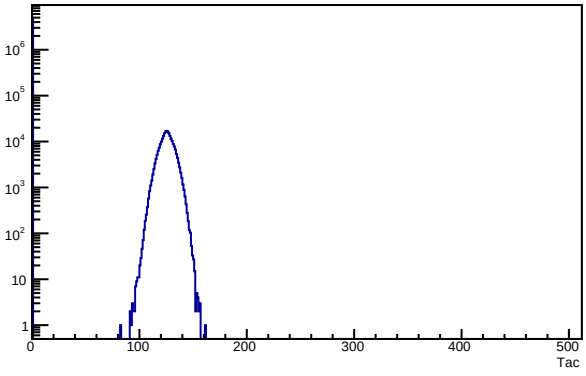

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.561285e+07
4.34288e+06
4.40618e+06
5.20428e+06
861398
798104
TAC-Sum
East
West


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

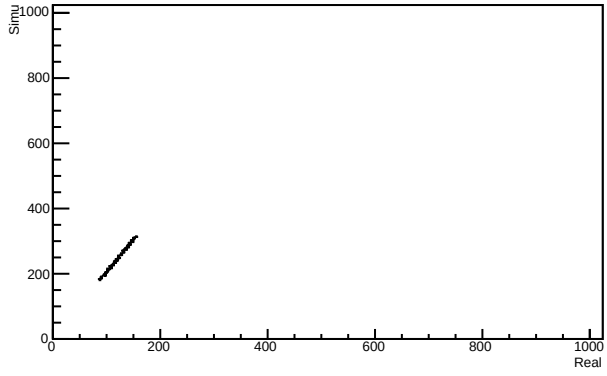

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.040857e+07
4.73917e+06
4.58684e+06
465114
617440
East
West


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

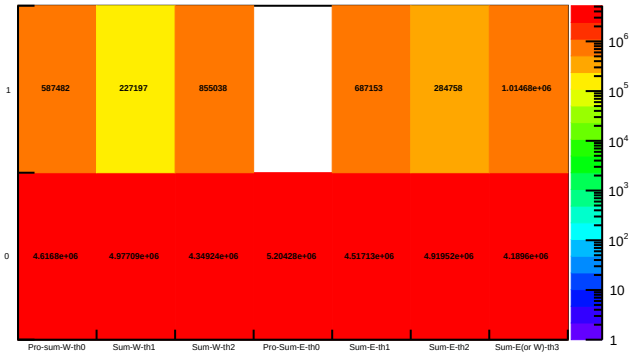
VT201 Input Ch2: ZDC Tac Diff



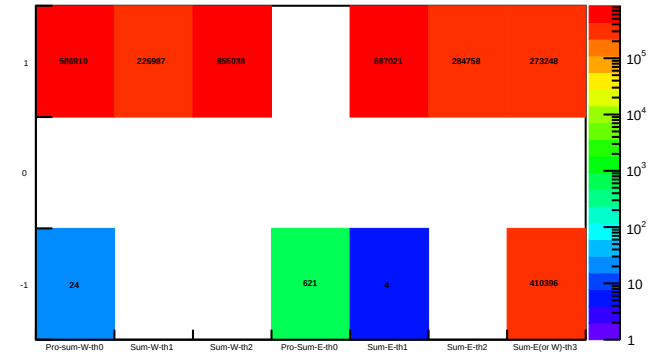
VT201 Input Ch2: ZDC Tac Diff



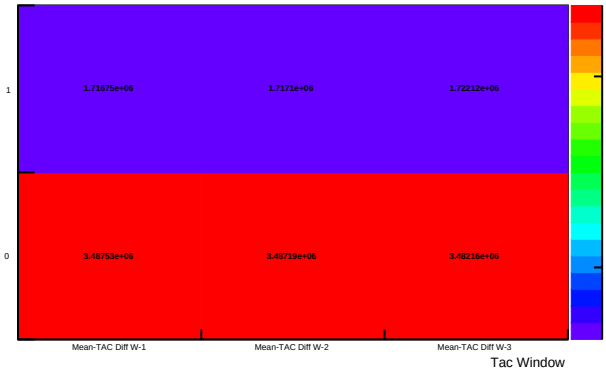
VT201 Input Ch2: ZDC Adc Sum Th



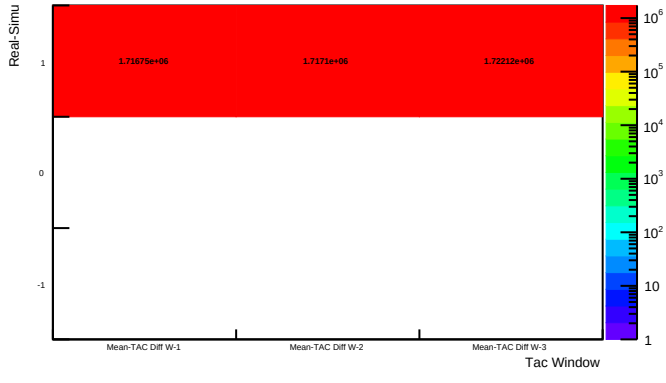
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



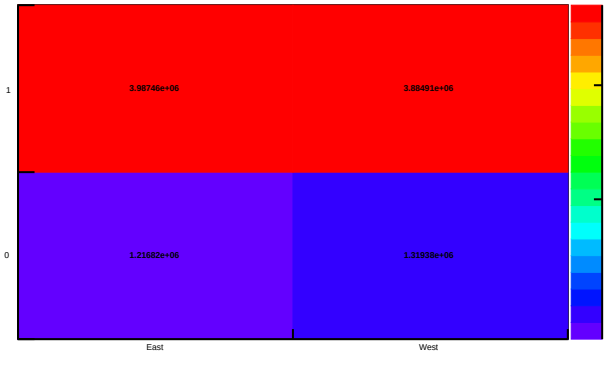
VT201 Input Ch4: VPD Tac Diff



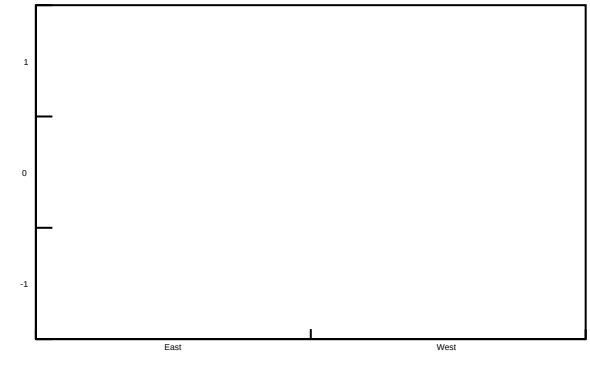
VT201 Input Ch4: VPD Tac Diff

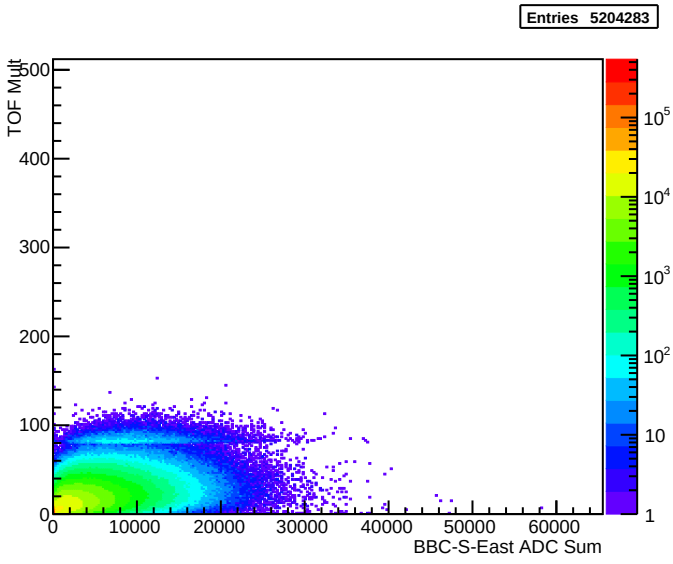


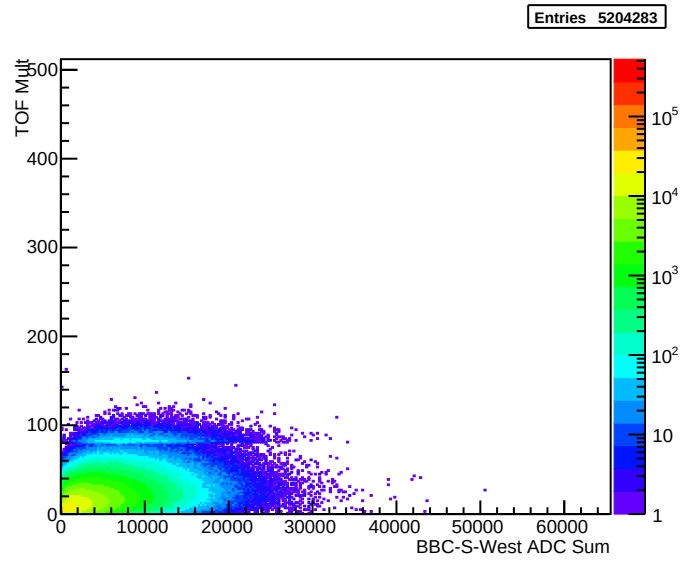
VT201 Input Ch4: VPD Adc Sum Th

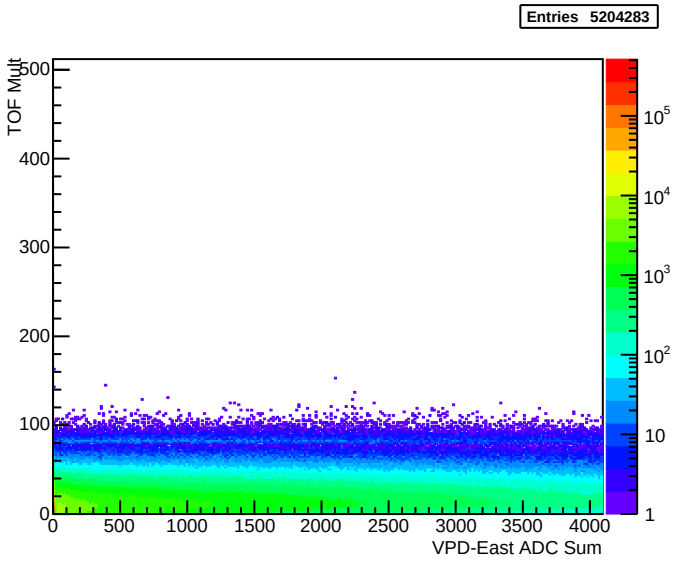


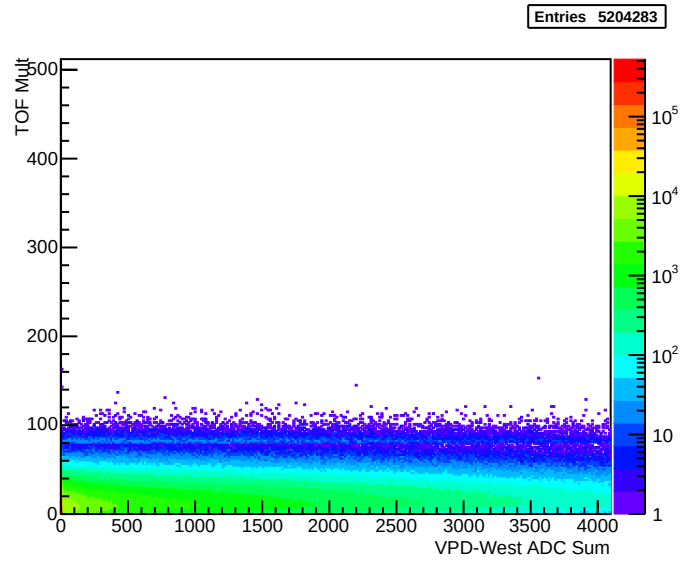
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

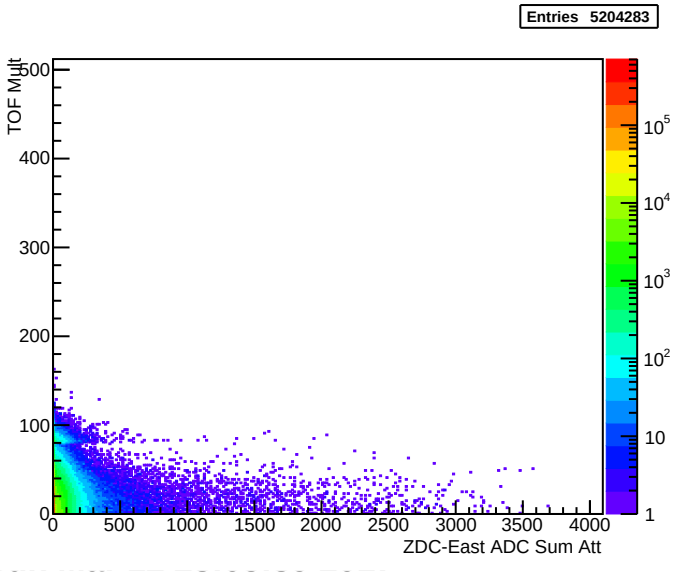


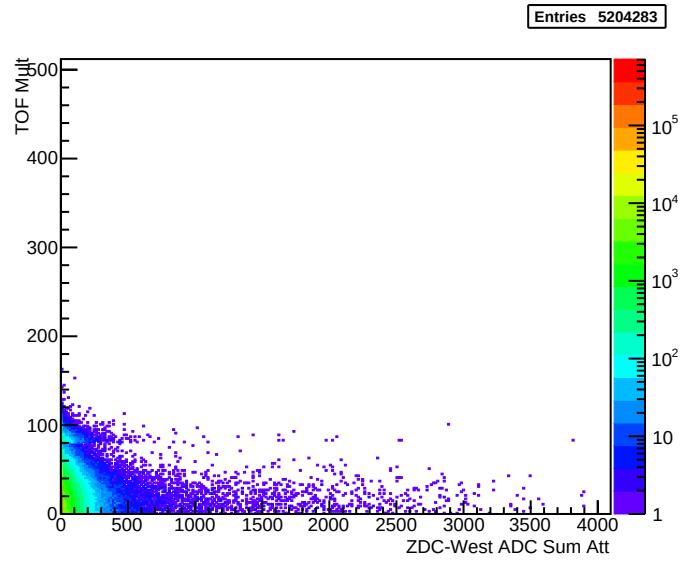

Entries 5204283
TOF Mult
BBC-S-East ADC Sum

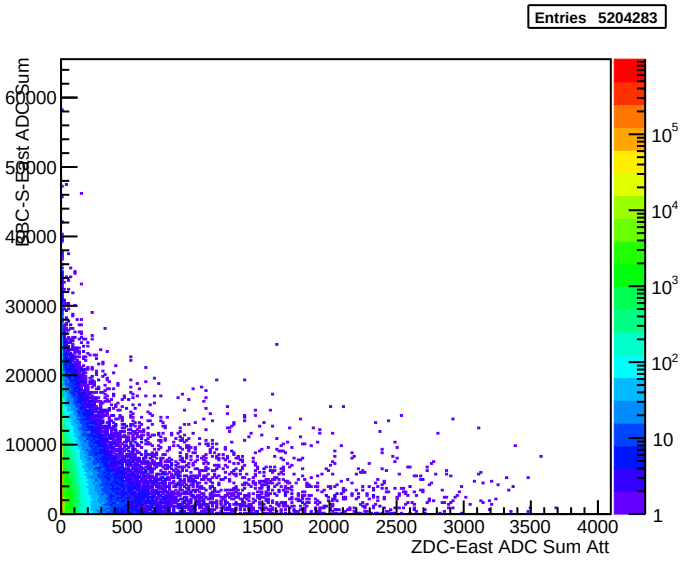

Entries 5204283
TOF Mult
BBC-S-West ADC Sum

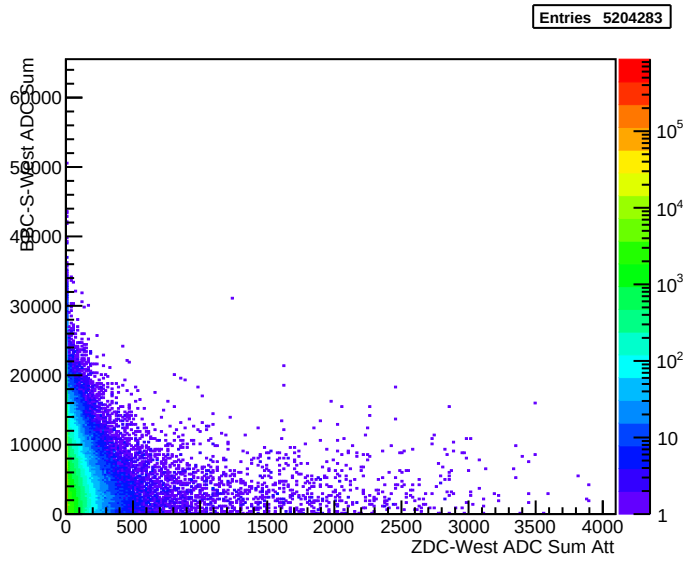

Entries 5204283
TOF Mult
VPD-East ADC Sum

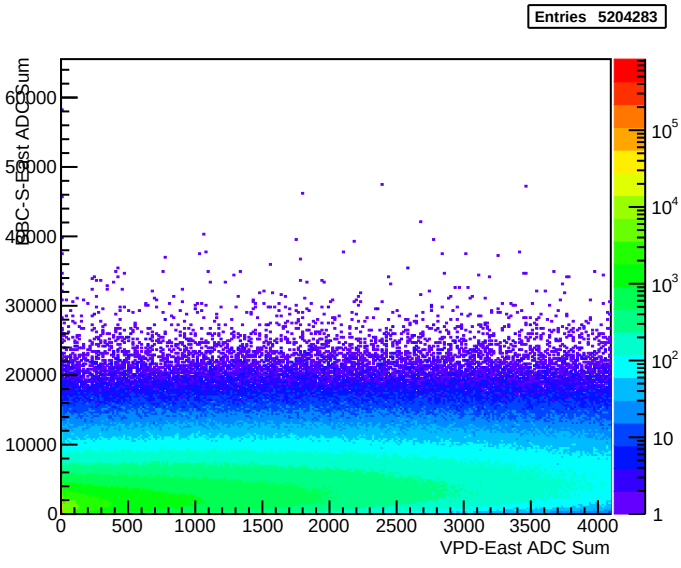

Entries 5204283
TOF Mult
VPD-West ADC Sum

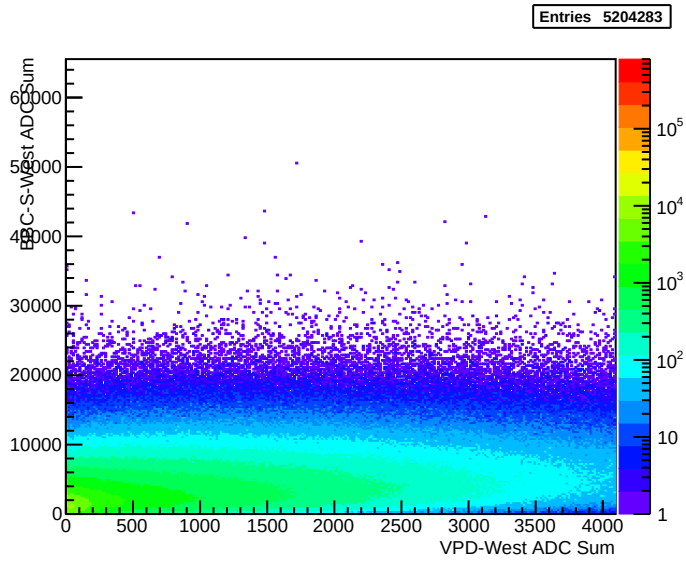

Entries 5204283
TOF Mult
ZDC-East ADC Sum Att

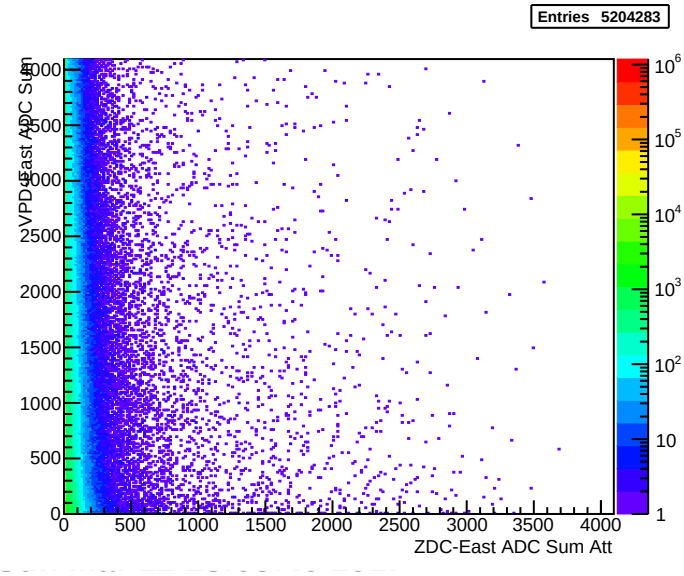

Entries 5204283
TOF Mult
ZDC-West ADC Sum Att

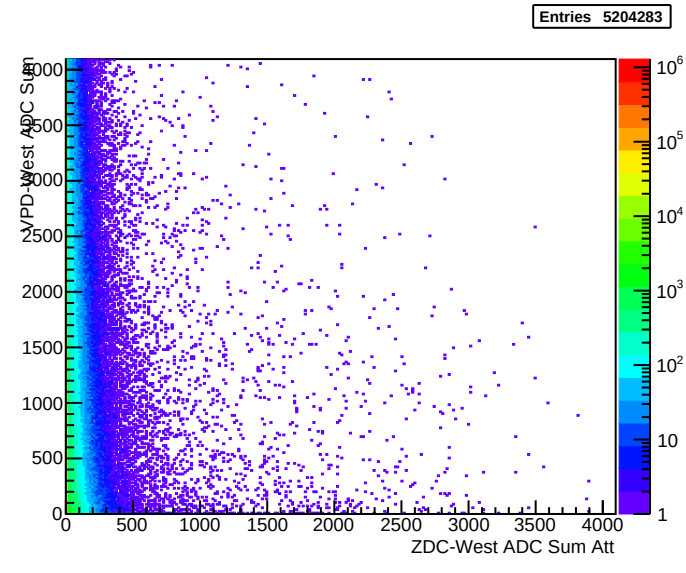

Entries 5204283
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

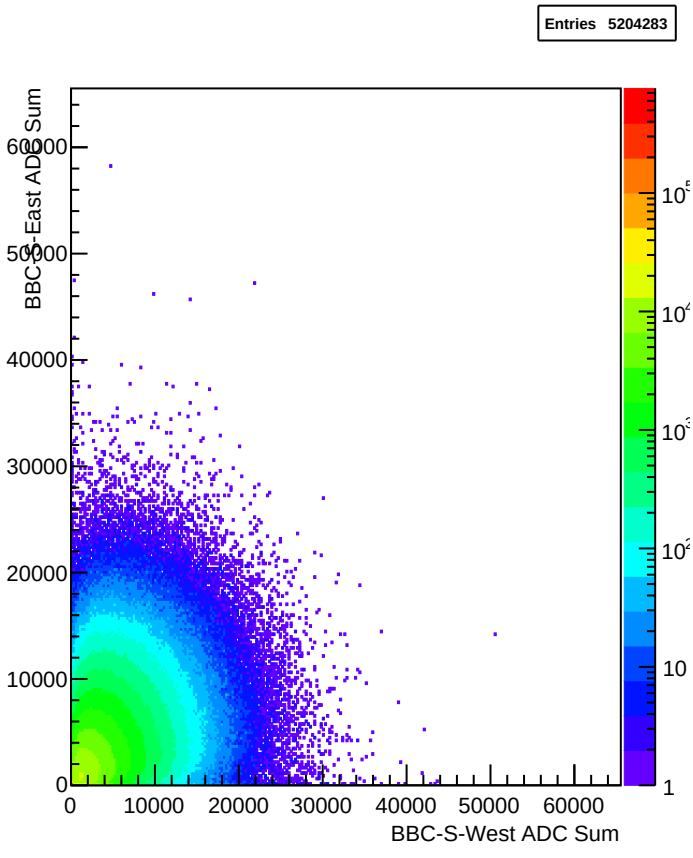

Entries 5204283
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

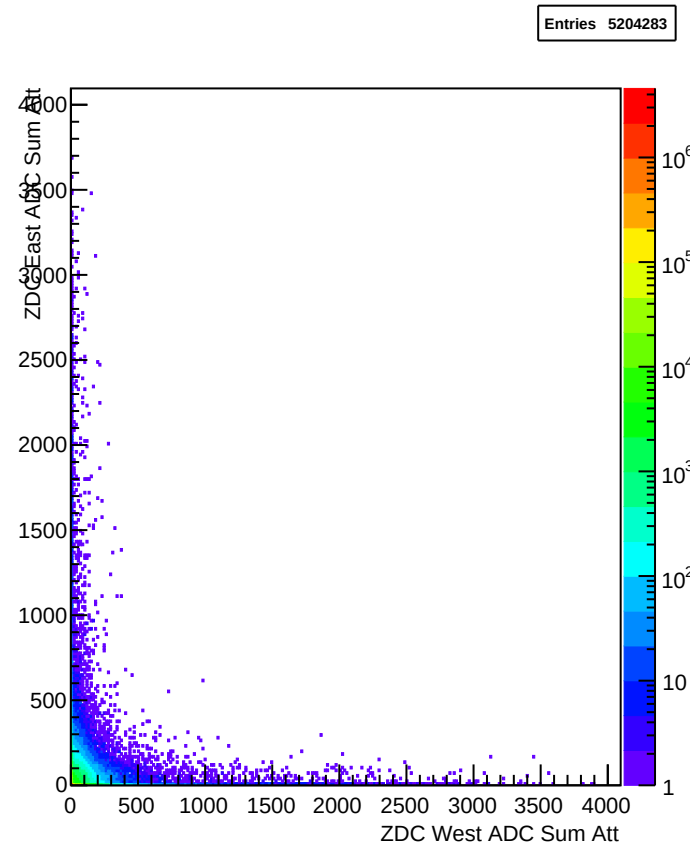

Entries 5204283
BBC-S-East ADC Sum
VPD-East ADC Sum

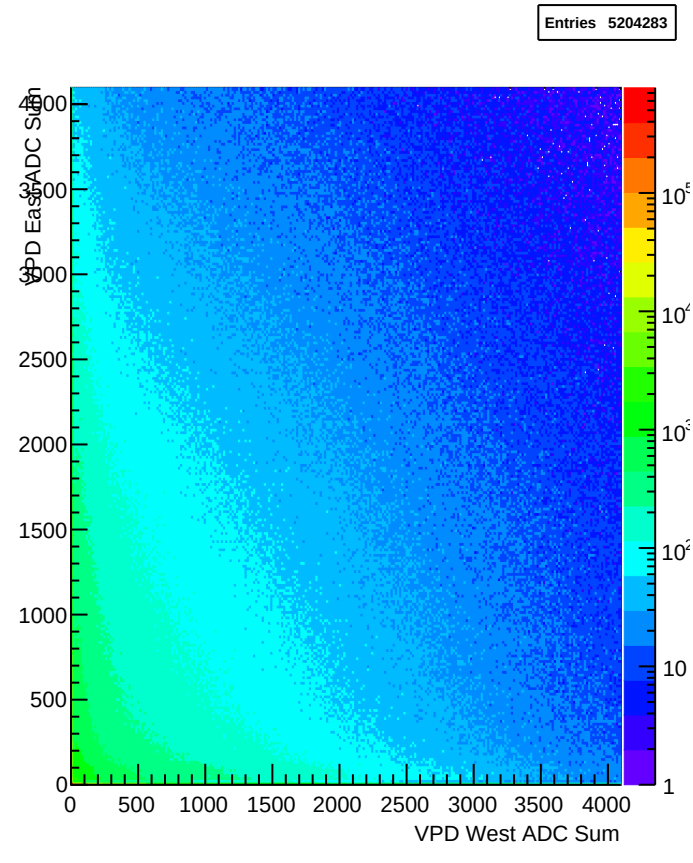

Entries 5204283
BBC-S-West ADC Sum
VPD-West ADC Sum

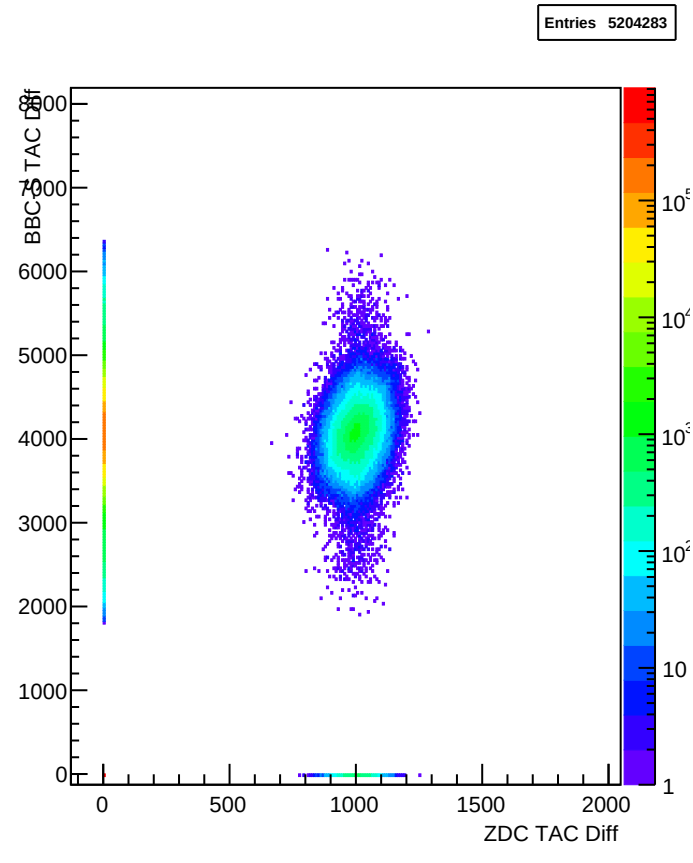

Entries 5204283
VPD-East ADC Sum
ZDC-East ADC Sum Att

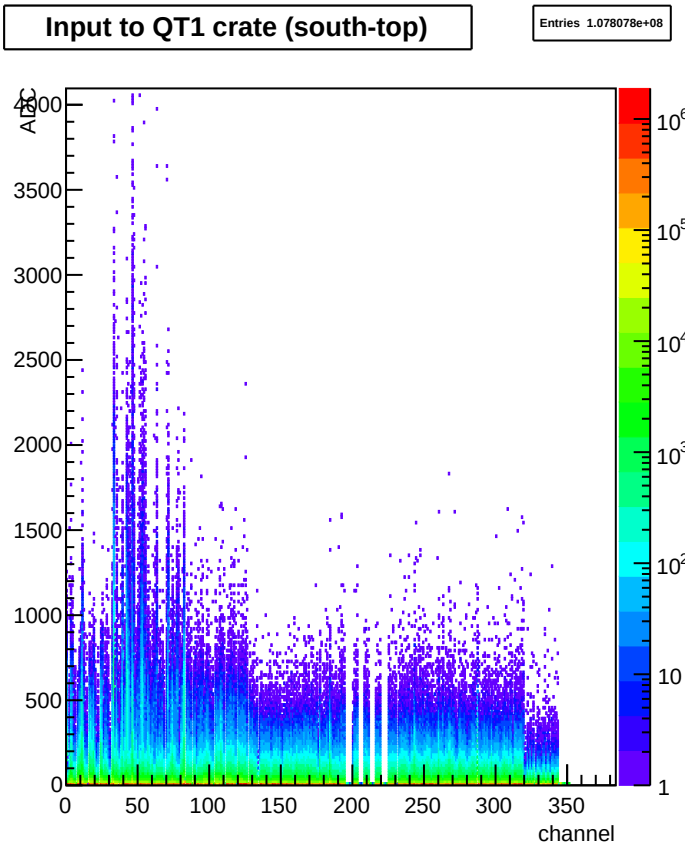

Entries 5204283
VPD-West ADC Sum
ZDC-West ADC Sum Att

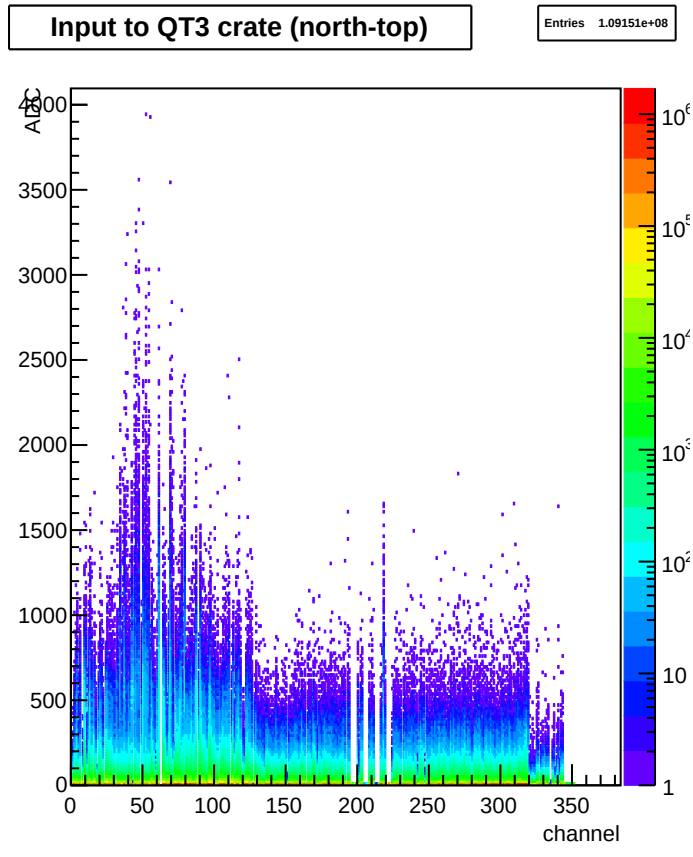

Entries 5204283
BBC-S-East ADC Sum
BBC-S-West ADC Sum

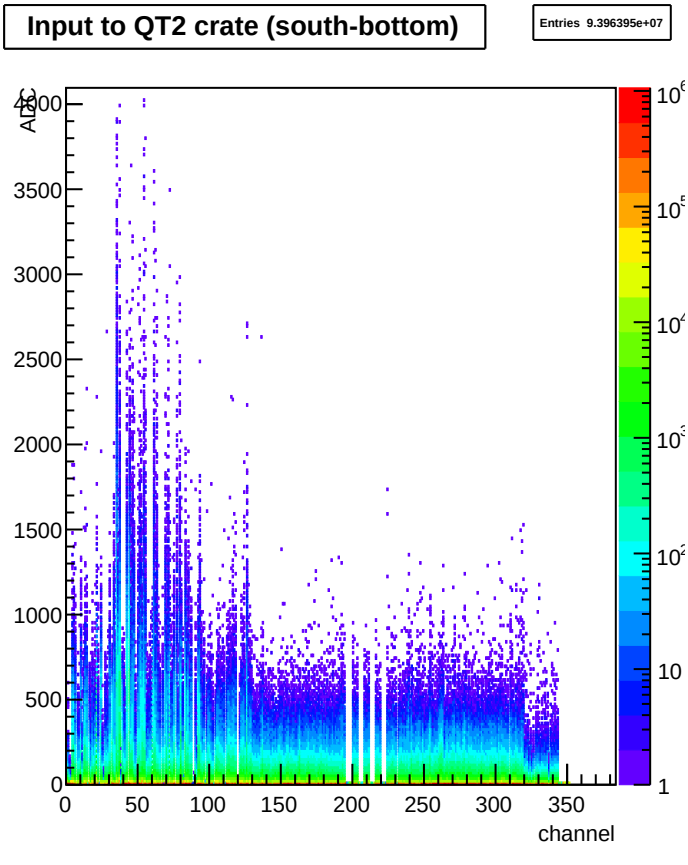

Entries 5204283
ZDC East ADC Sum Att
ZDC West ADC Sum Att

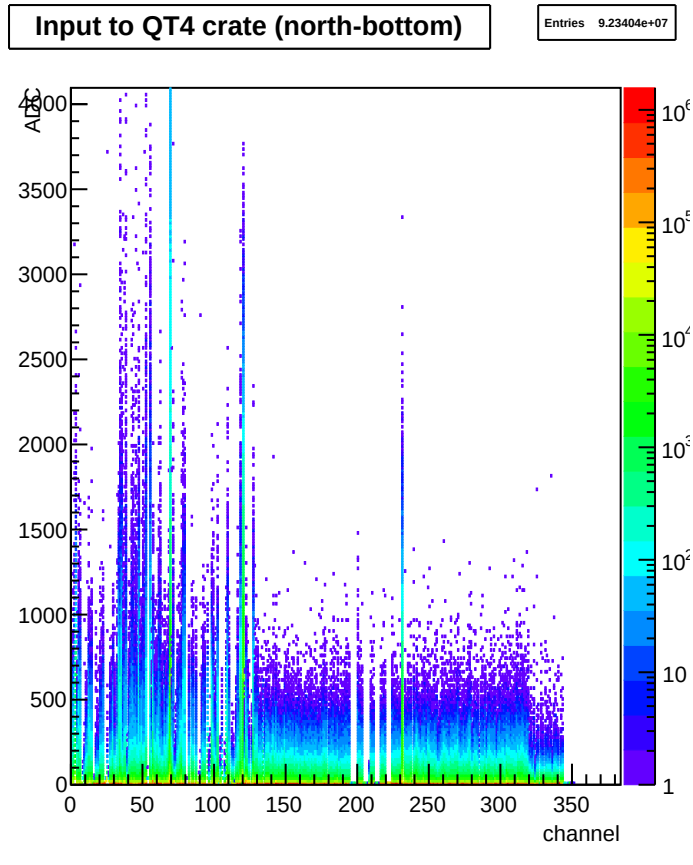

Entries 5204283
VPD East ADC Sum
VPD West ADC Sum

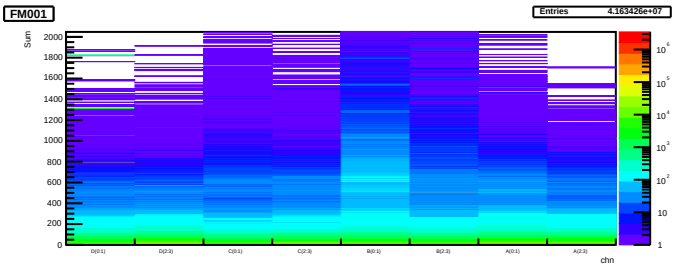

Entries 5204283
BBC-S TAC Diff
ZDC TAC Diff

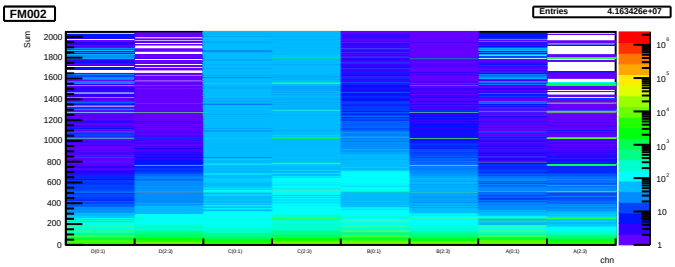

Input to QT1 crate (south-top)
Entries 1.078078e+08
ADC
channel

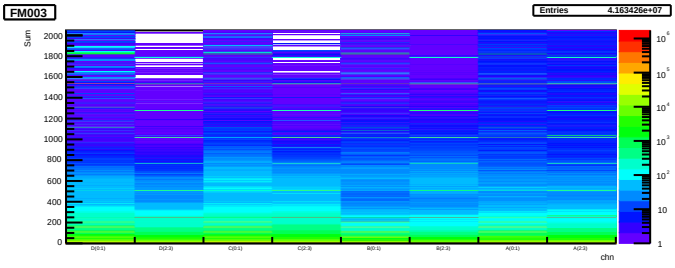

Input to QT3 crate (north-top)
Entries 1.09151e+08
ADC
channel

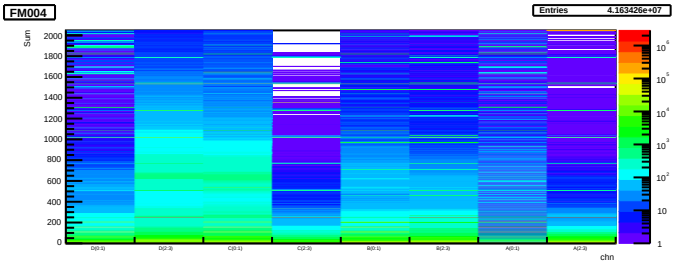

Input to QT2 crate (south-bottom)
Entries 9.396395e+07
ADC
channel

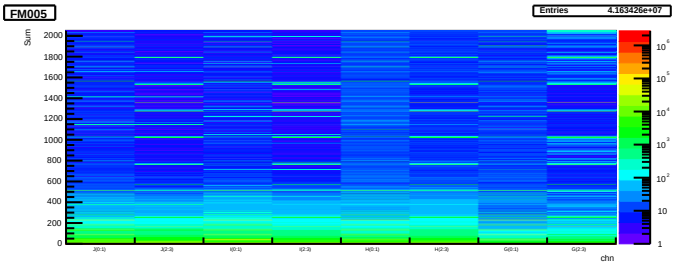

Input to QT4 crate (north-bottom)
Entries 9.23404e+07
ADC
channel


FM001
Entries 4.163426e+07
Sum
chn


FM002
Entries 4.163426e+07
Sum
chn


FM003
Entries 4.163426e+07
Sum
chn


FM004
Entries 4.163426e+07
Sum
chn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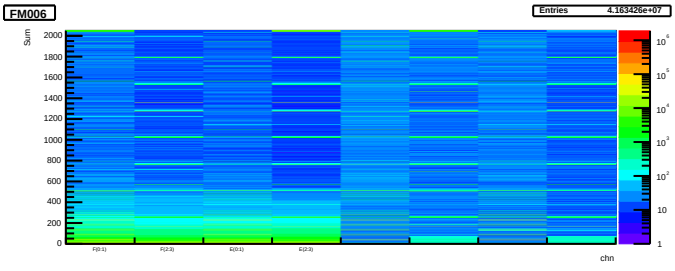
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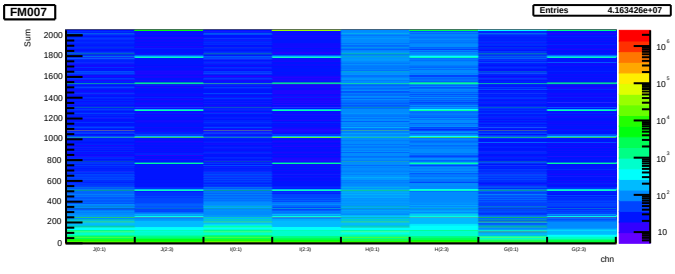
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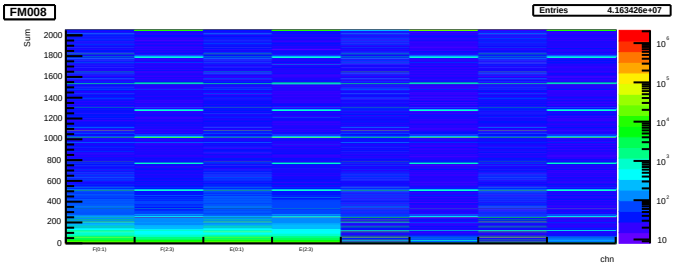
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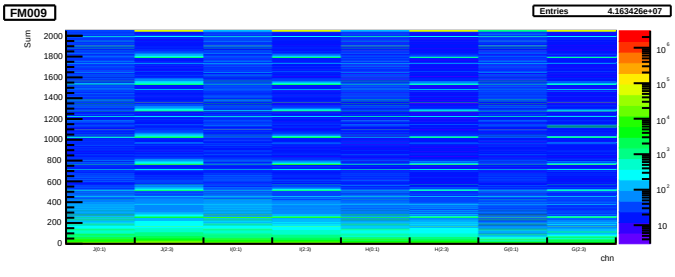
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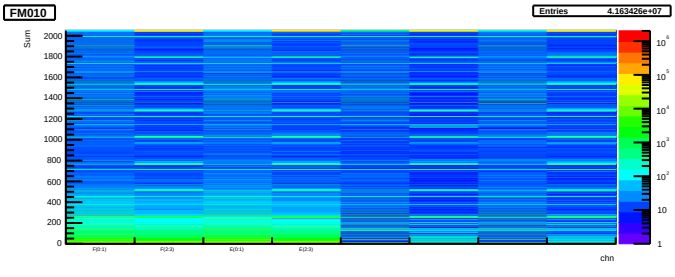
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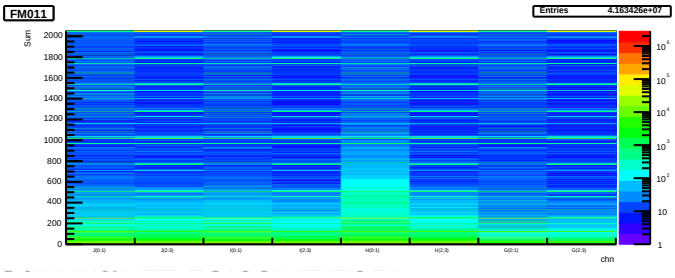
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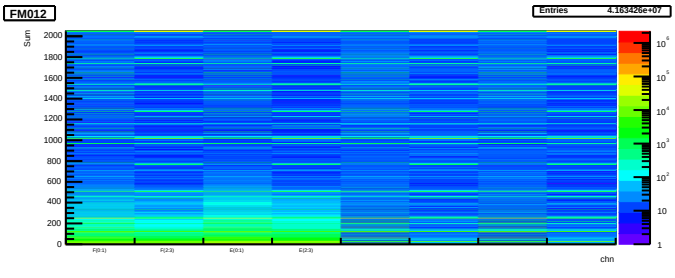
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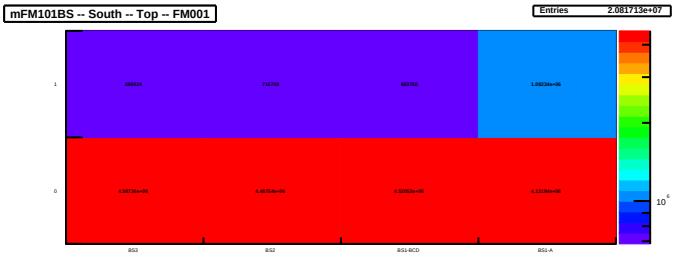
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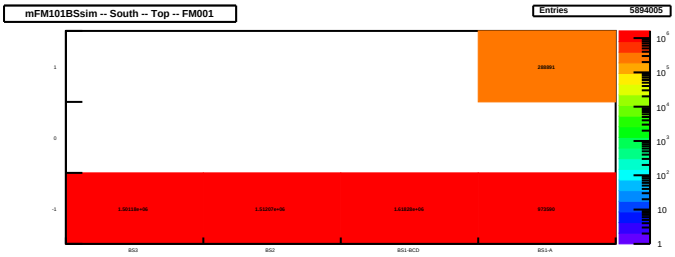
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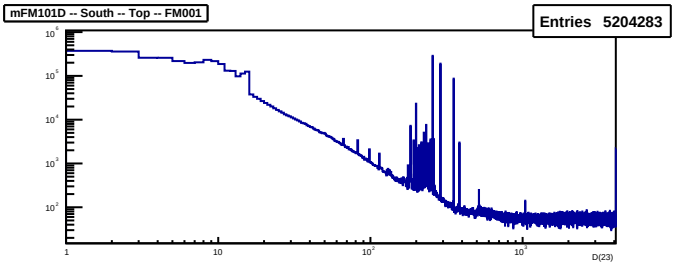
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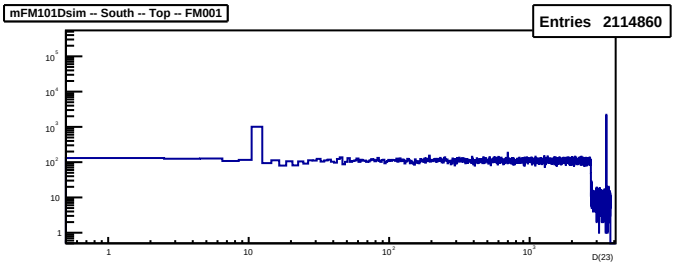
Entries 5204283
D(23)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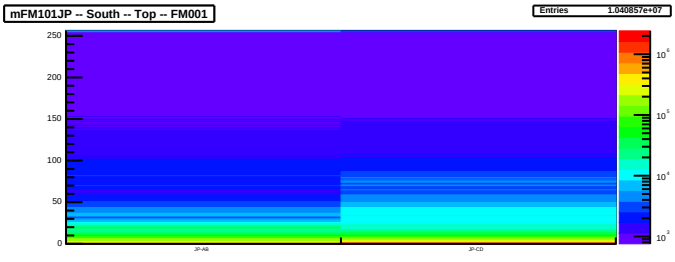
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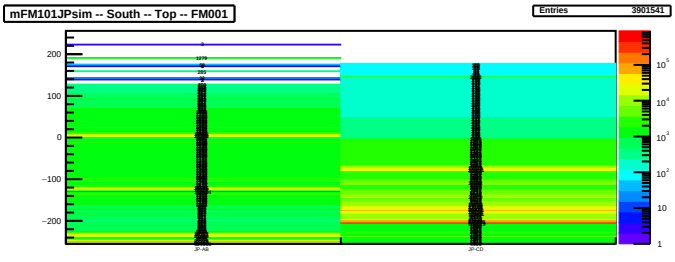
Entries 1.040857e+07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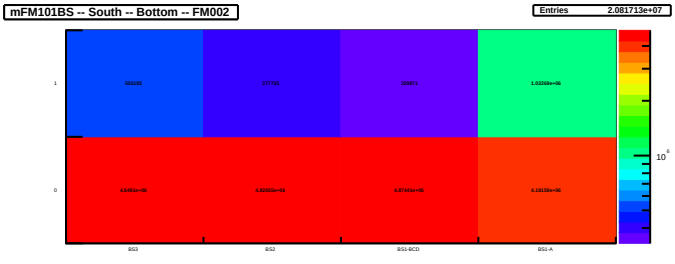
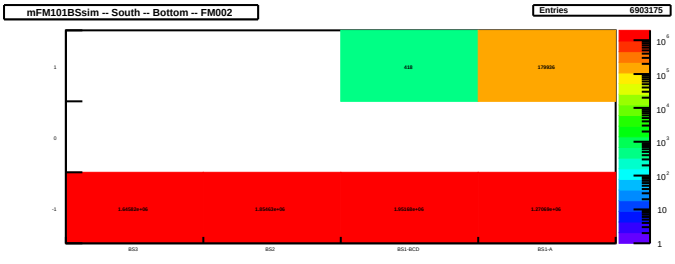

mFM101BS -- South -- Bottom -- FM002
Entries 2.081713e+07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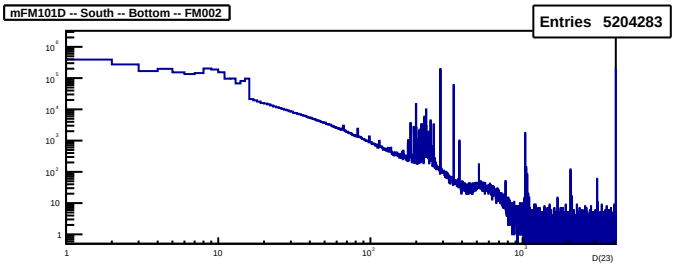
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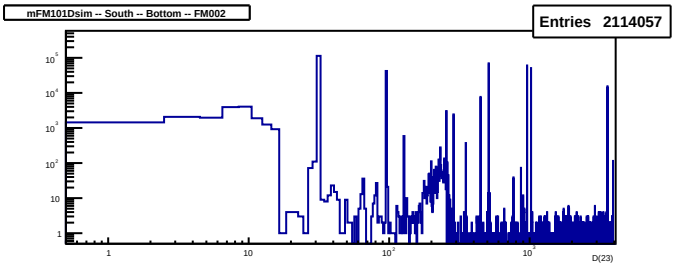
Entries 5204283
D(23)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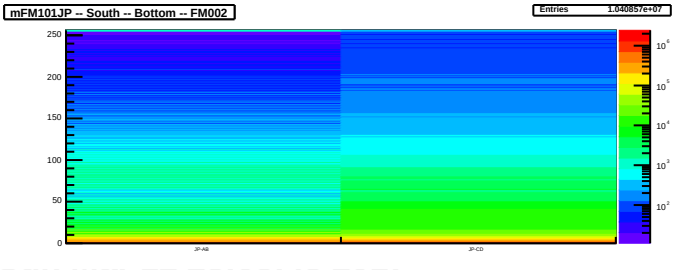
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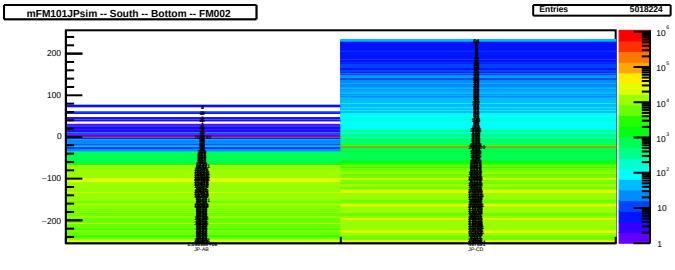
Entries 1.040857e+07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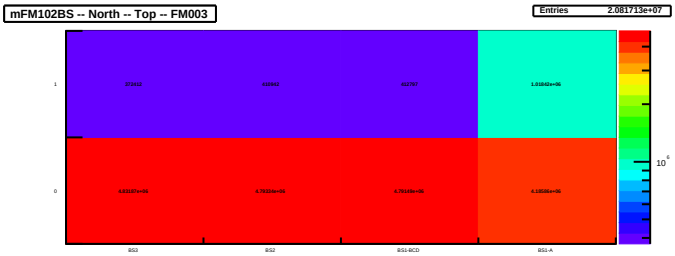
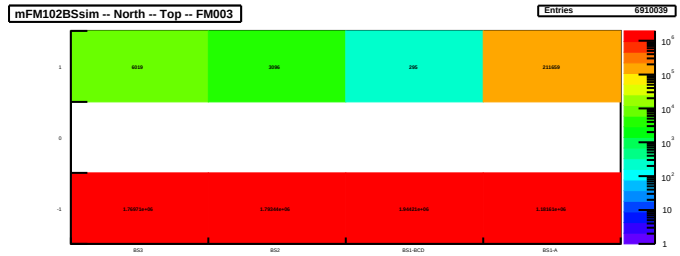

mFM102BS -- North -- Top -- FM003
Entries 2.081713e+07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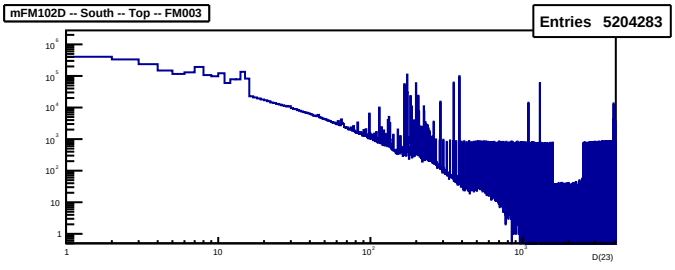
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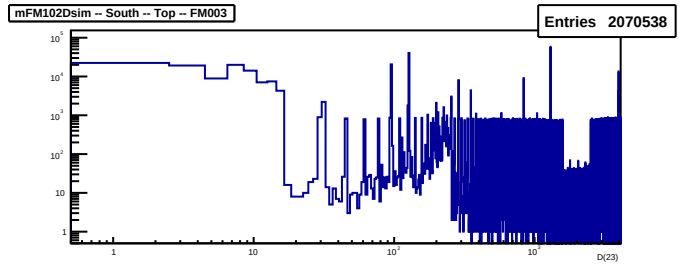
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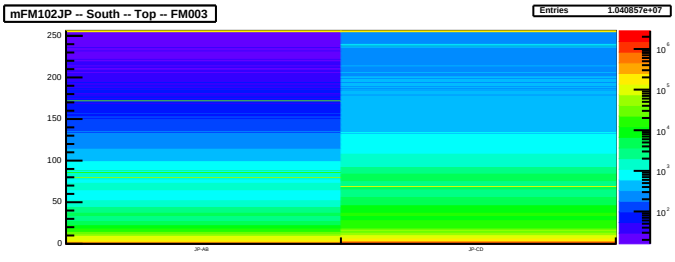
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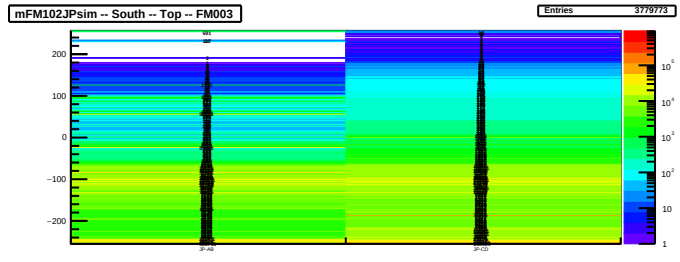
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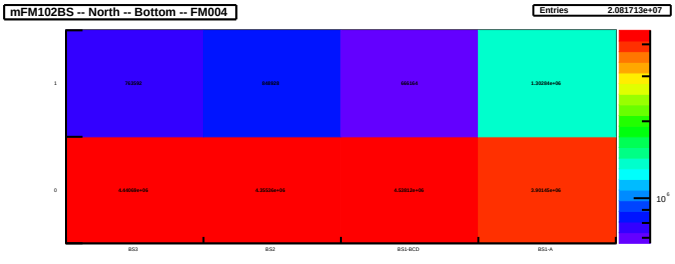
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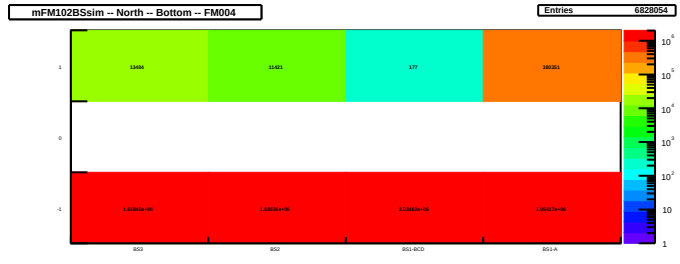
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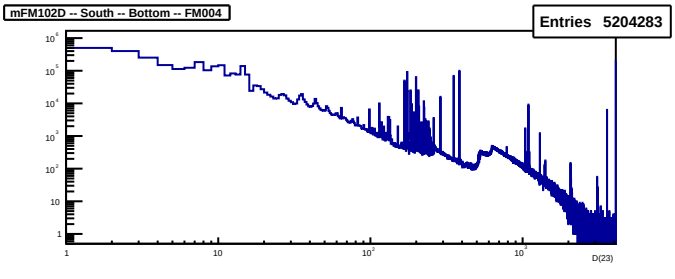
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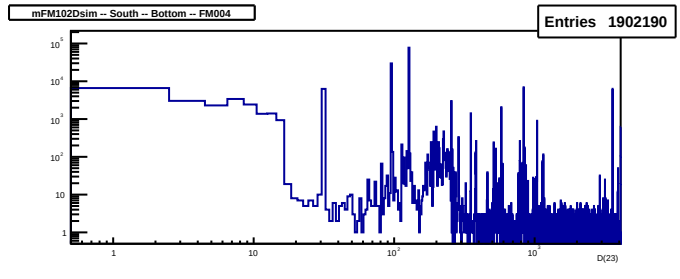
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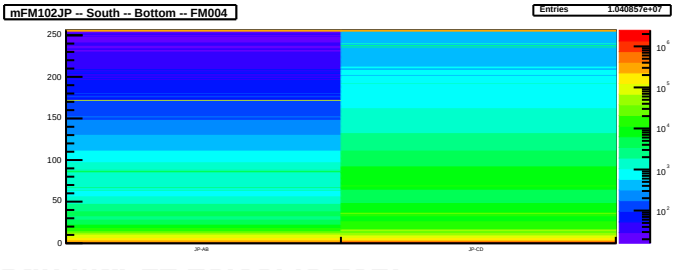
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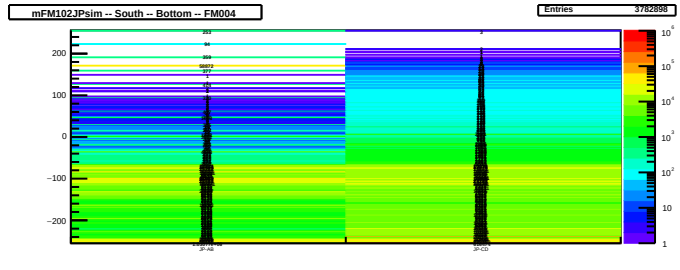
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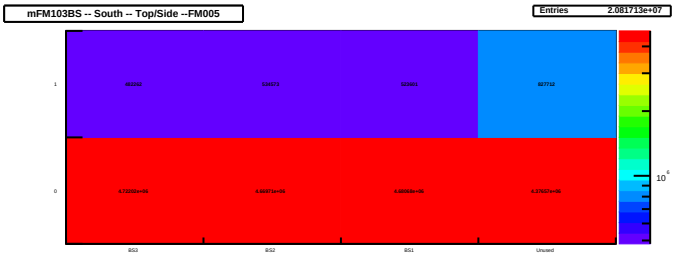
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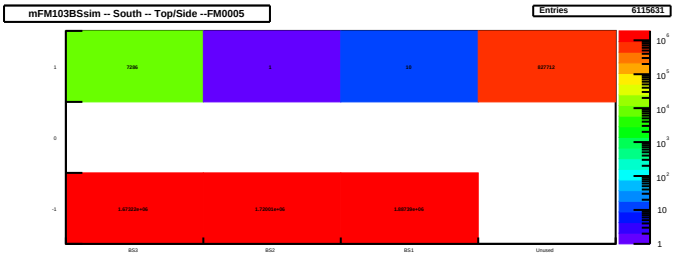
Entries 2.081713e+07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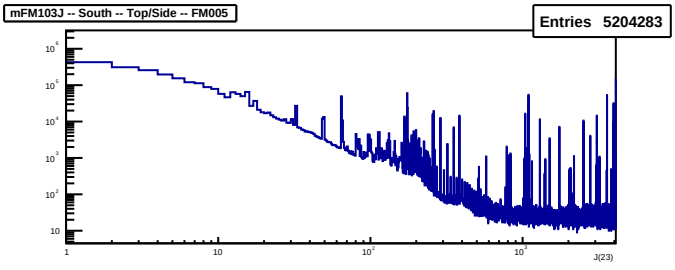
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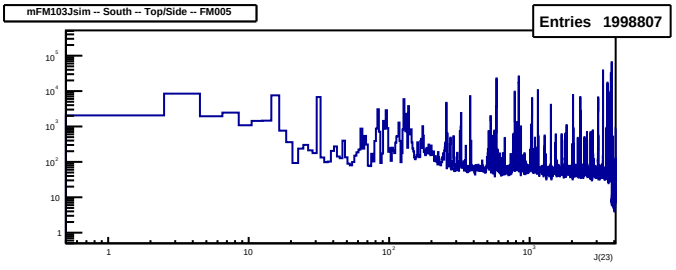
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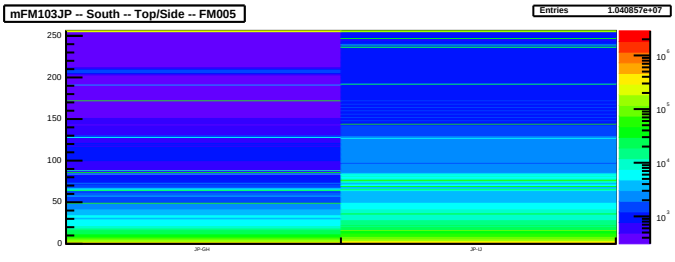
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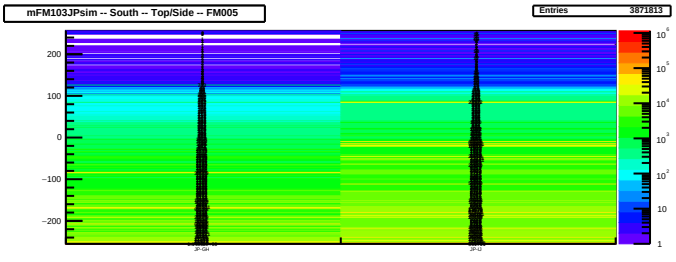
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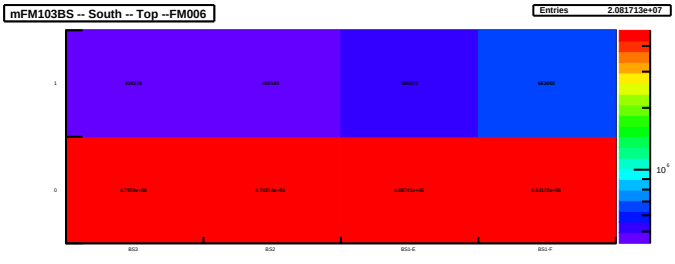
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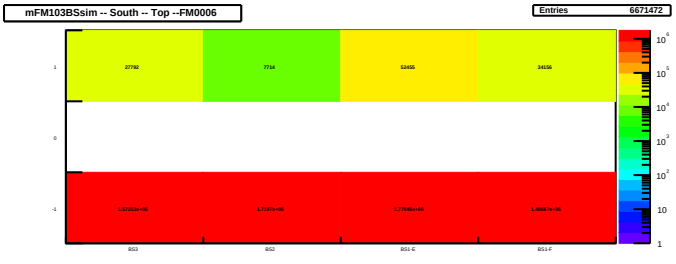
Entries 2.081713e+07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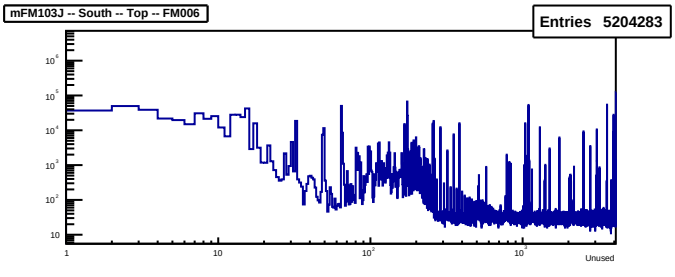
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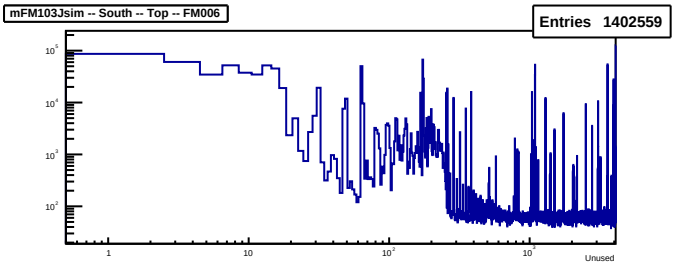
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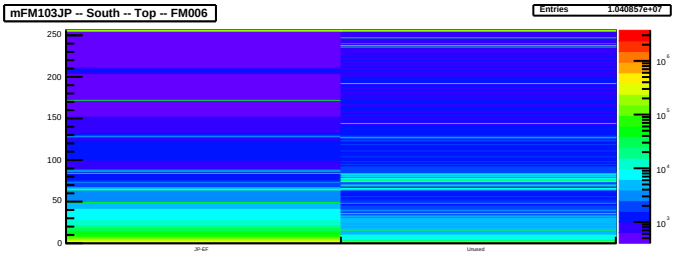
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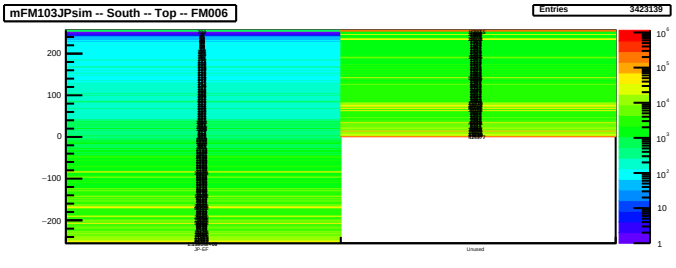
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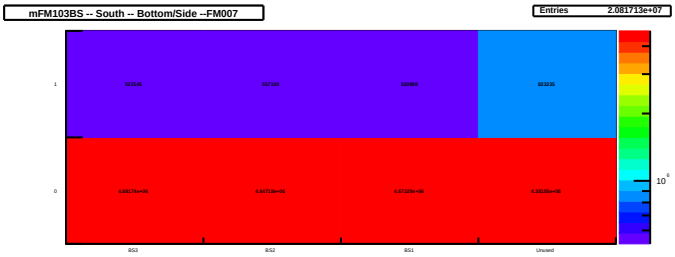
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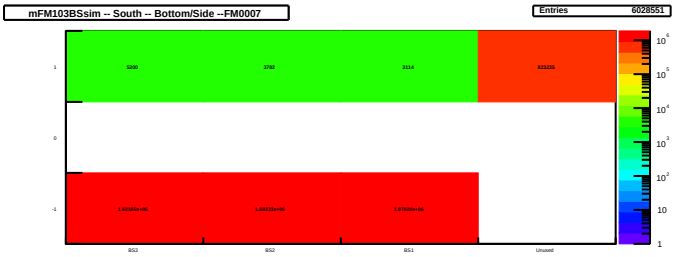
Entries 2.081713e+07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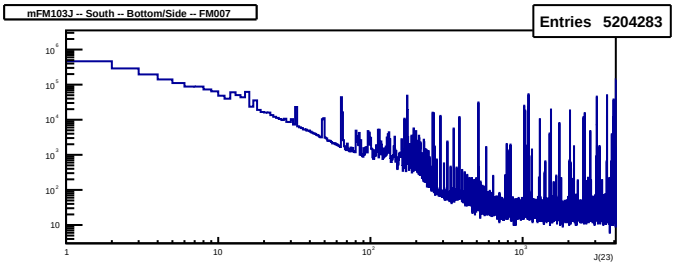
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Entries 5204283
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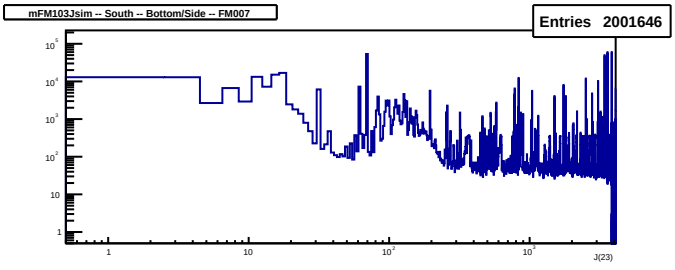
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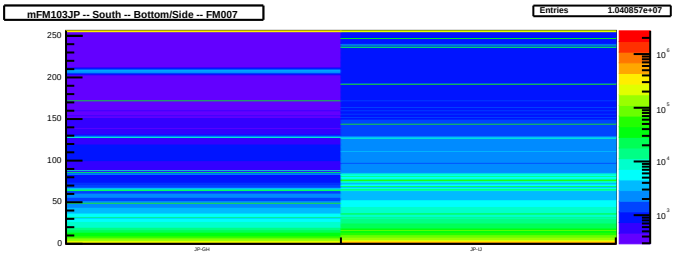
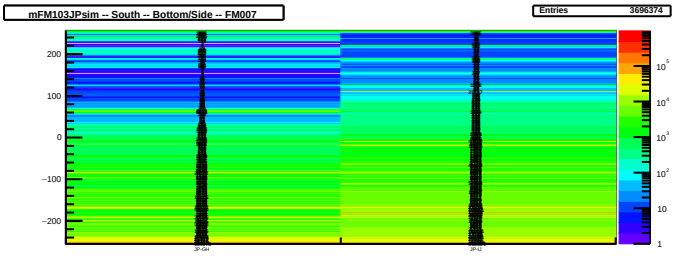

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1.040857e+07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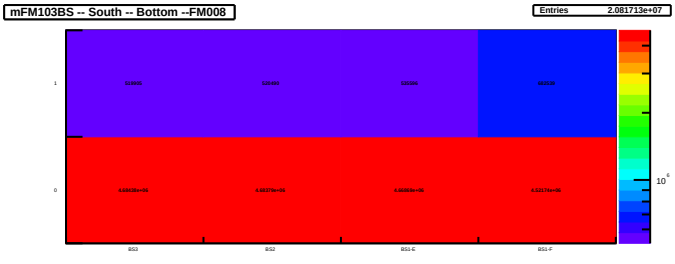
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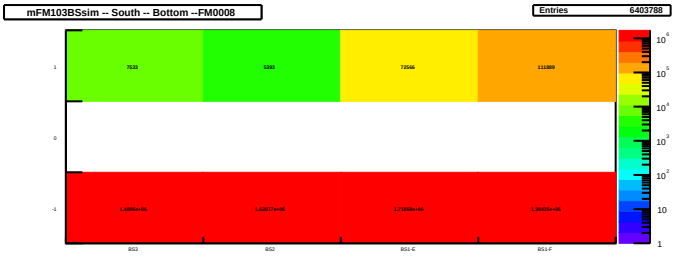
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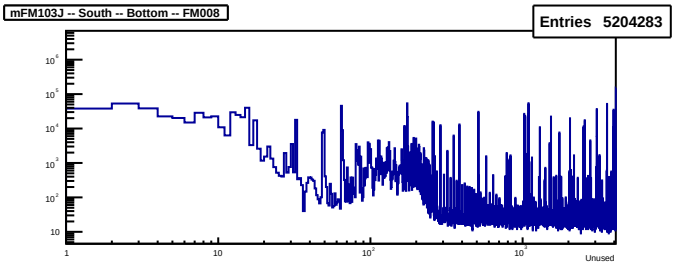
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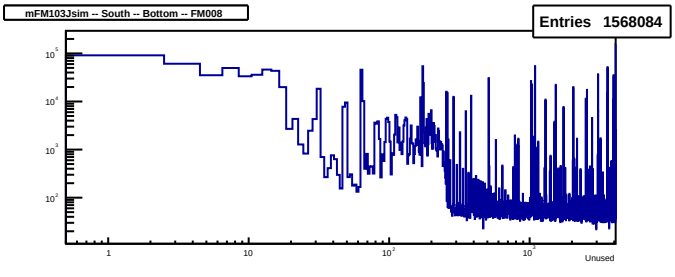
mFM103Jsim -- South -- Bottom -- FM008
Entries 1568084
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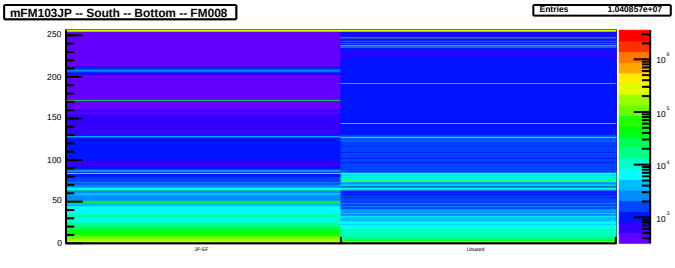
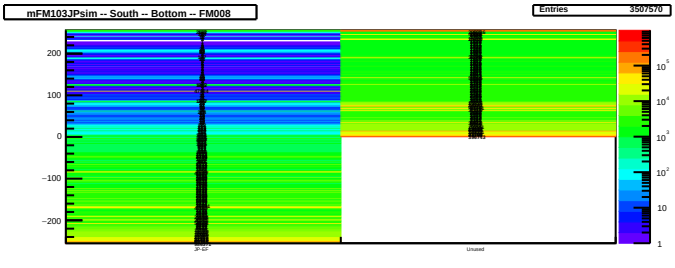
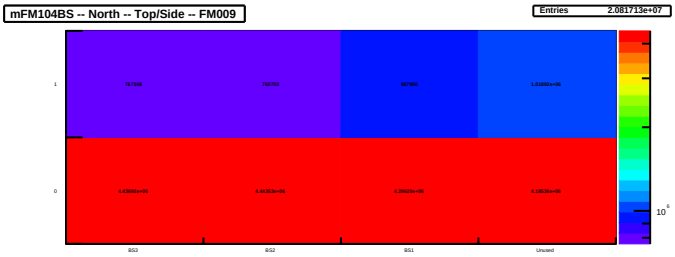
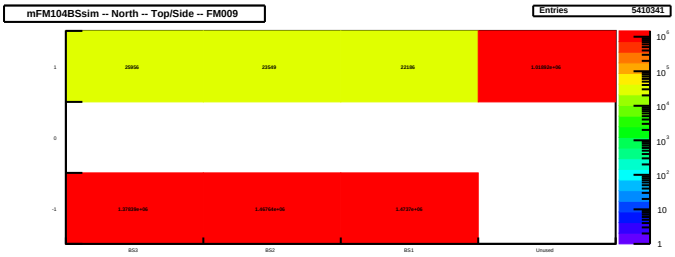

mFM103JP -- South -- Bottom -- FM008
Entries 1.040857e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3507570


mFM104BS -- North -- Top/Side -- FM009
Entries 2.081713e+07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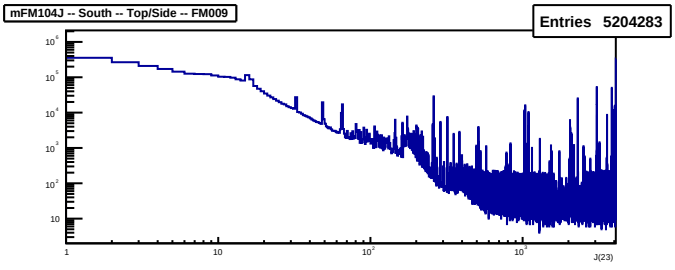
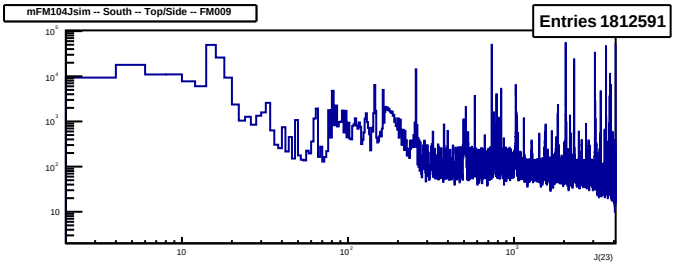
Entries 5410341


mFM104J -- South -- Top/Side -- FM009
Entries 5204283
J(23)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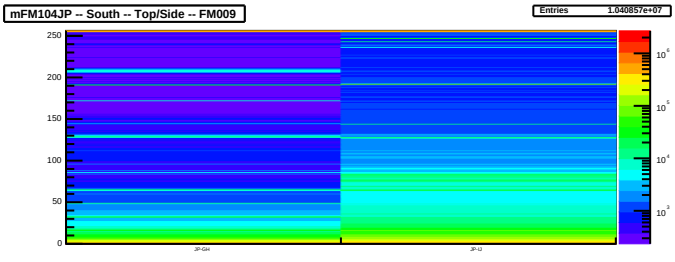
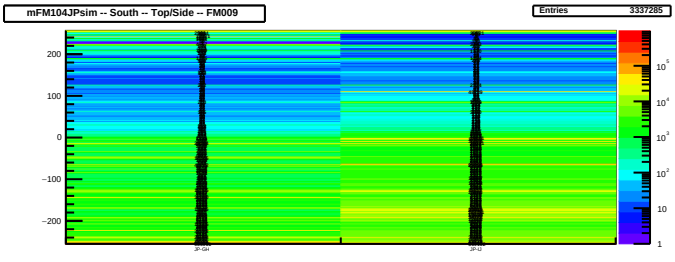
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.040857e+07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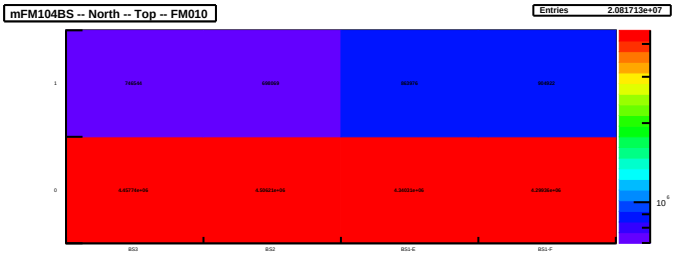
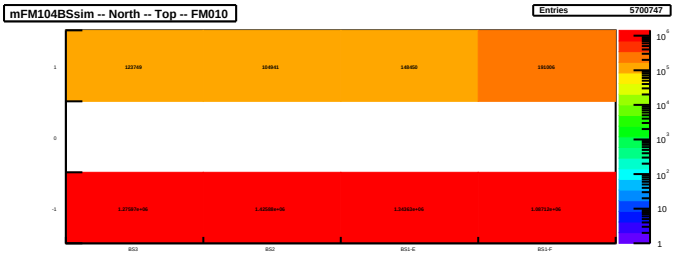
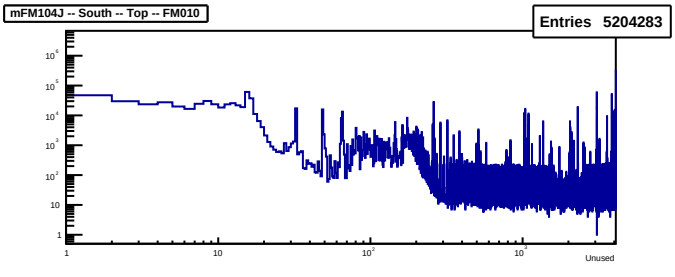
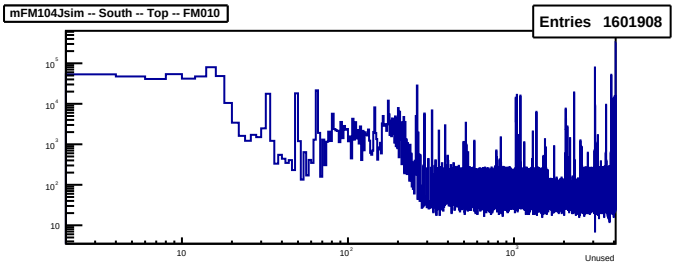
Entries 3337285


mFM104BS -- North -- Top -- FM010
Entries 2.081713e+07


mFM104BSsim -- North -- Top -- FM010
Entries 5700747


mFM104J -- South -- Top -- FM010
Entries 5204283
Unused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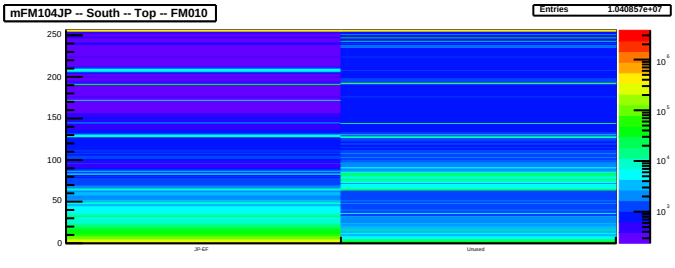
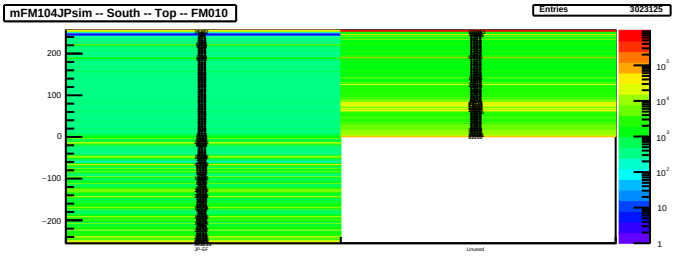
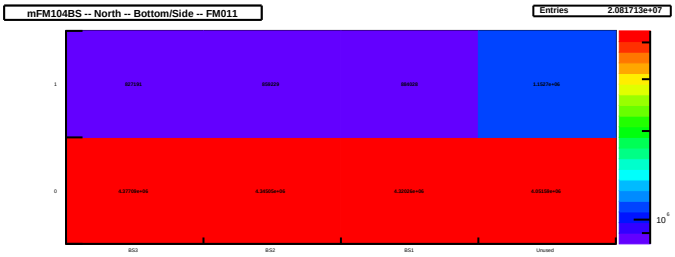
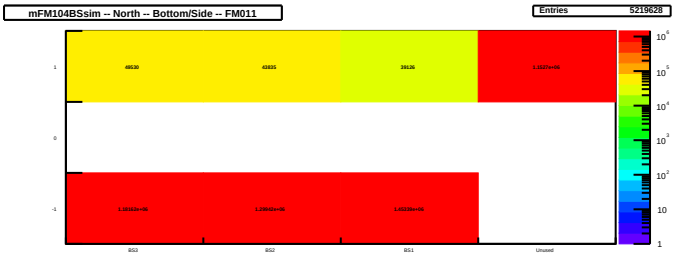
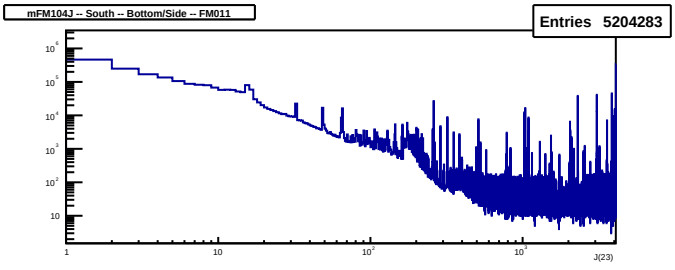
Entries 1601908
Unused

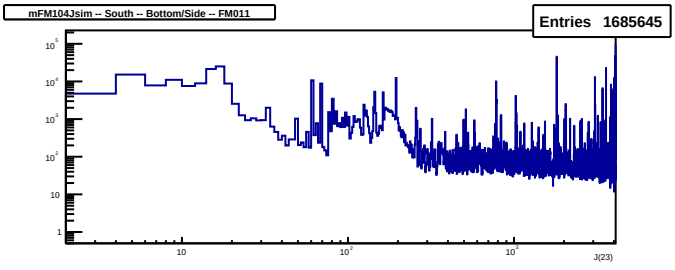

mFM104JP -- South -- Top -- FM010
Entries 1.040857e+07

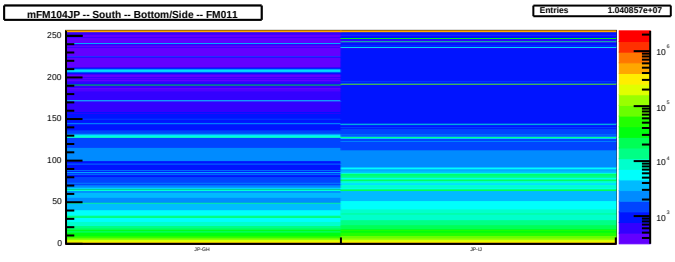

mFM104JPsim -- South -- Top -- FM010
Entries 3023125

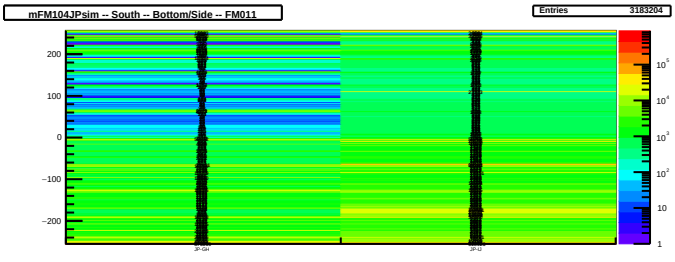

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.081713e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5219628


mFM104J -- South -- Bottom/Side -- FM011
Entries 5204283
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1685645
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.040857e+07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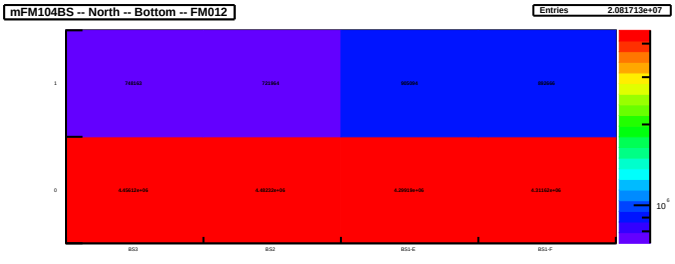
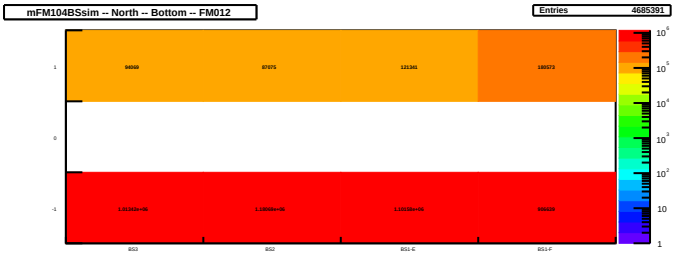
Entries 3183204


mFM104BS -- North -- Bottom -- FM012
Entries 2.081713e+07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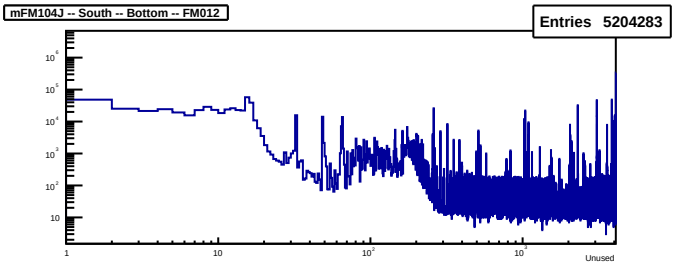
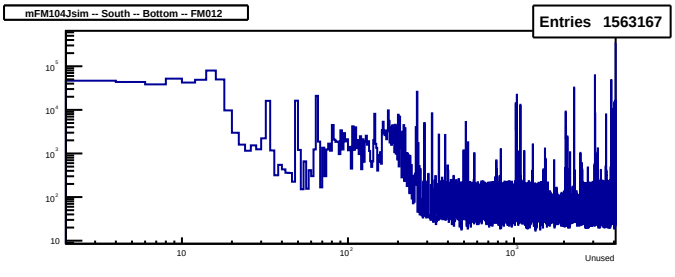
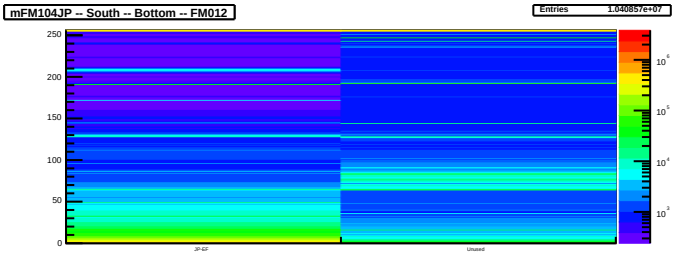
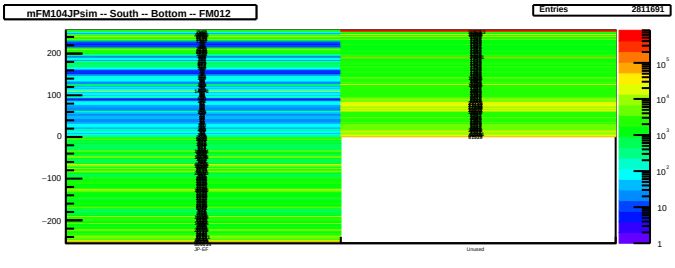
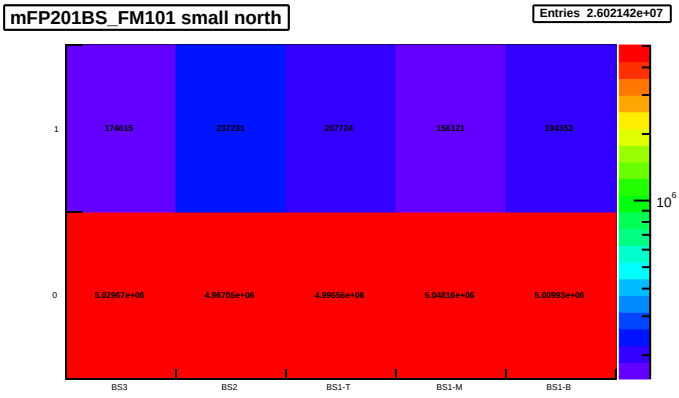
Entries 4685391

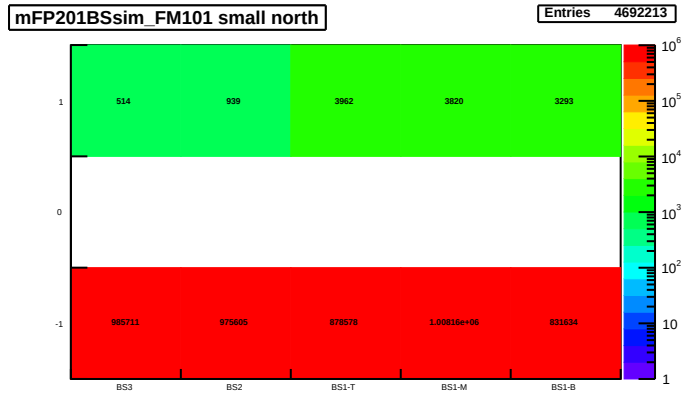

mFM104J -- South -- Bottom -- FM012
Entries 5204283
Unused

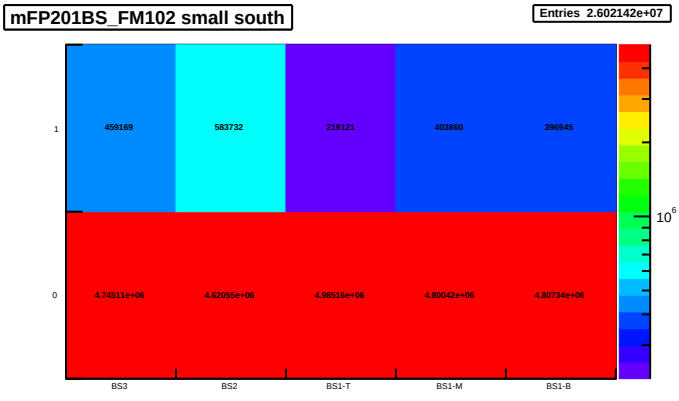

mFM104Jsim -- South -- Bottom -- FM012
Entries 1563167
Unused

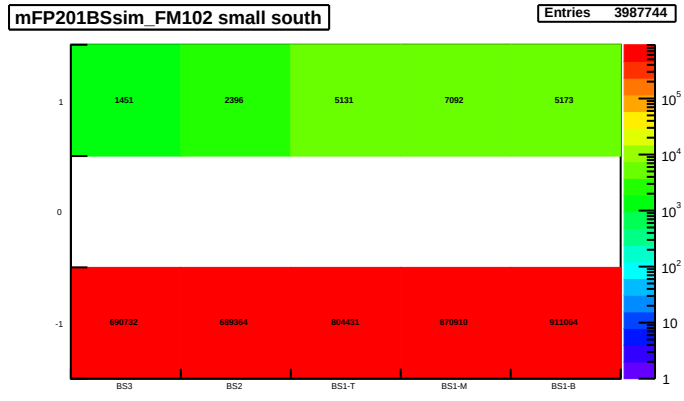

mFM104JP -- South -- Bottom -- FM012
Entries 1.040857e+07


mFM104JPsim -- South -- Bottom -- FM012
Entries 2811691


mFP201BS_FM101 small north
Entries 2.602142e+07
1
0
174615
237231
207724
156121
194353
5.02967e+06
4.96705e+06
4.99656e+06
5.04816e+06
5.00993e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 4692213
1
0
-1
514
939
3962
3820
3293
985711
975605
878578
1.00816e+06
831634
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 2.602142e+07
1
0
459169
583732
219121
403860
396945
4.74511e+06
4.62055e+06
4.98516e+06
4.80042e+06
4.80734e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM102 small south
Entries 3987744
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0
-1
1451
2396
5131
7092
5173
690732
689364
804431
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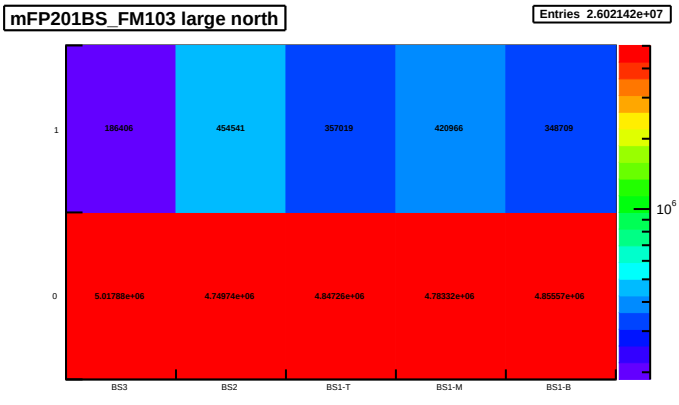
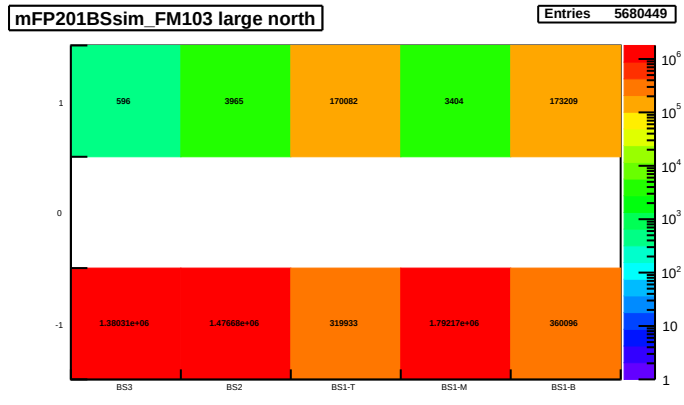
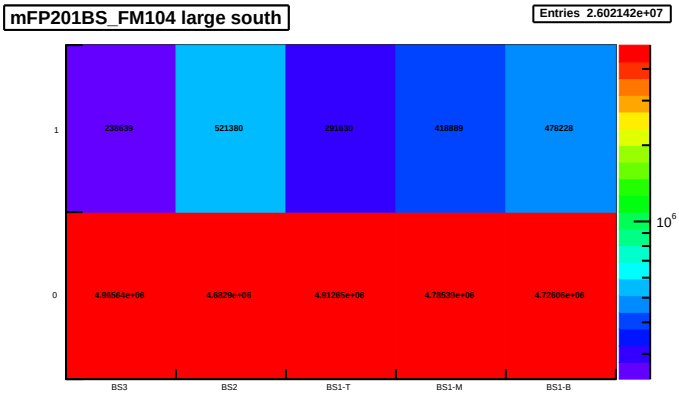
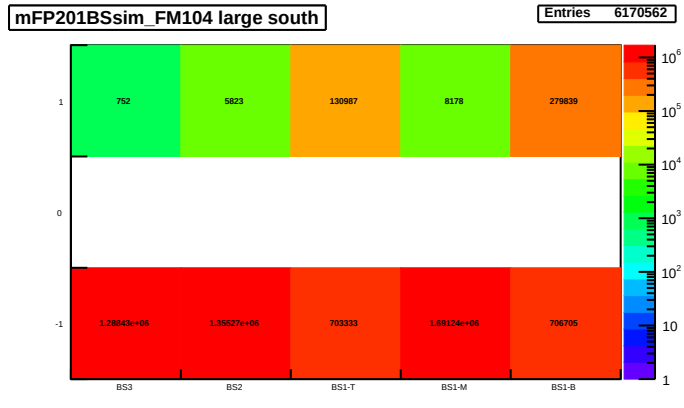
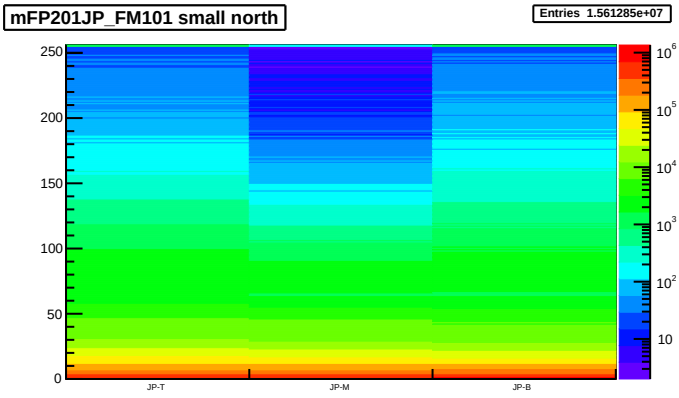
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

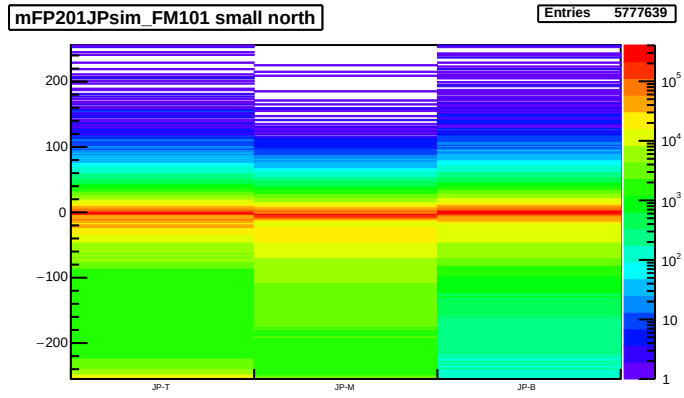

mFP201BS_FM103 large north
Entries 2.602142e+07
1
0
186406
454541
357019
420966
348709
5.01788e+06
4.74974e+06
4.84726e+06
4.78332e+06
4.85557e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

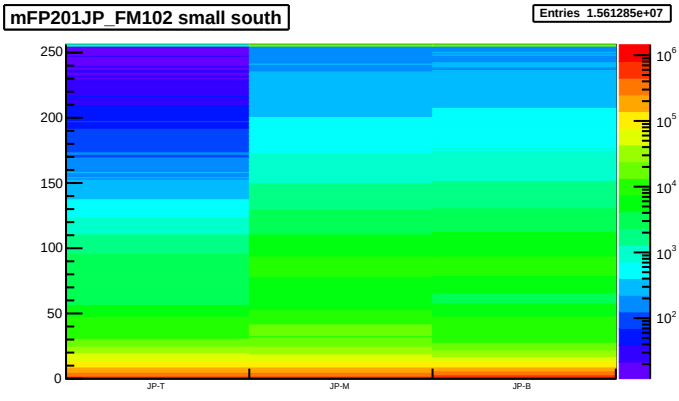

mFP201BSsim_FM103 large north
Entries 5680449
1
0
-1
596
3965
170082
3404
173209
1.38031e+06
1.47668e+06
319933
1.79217e+06
360096
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

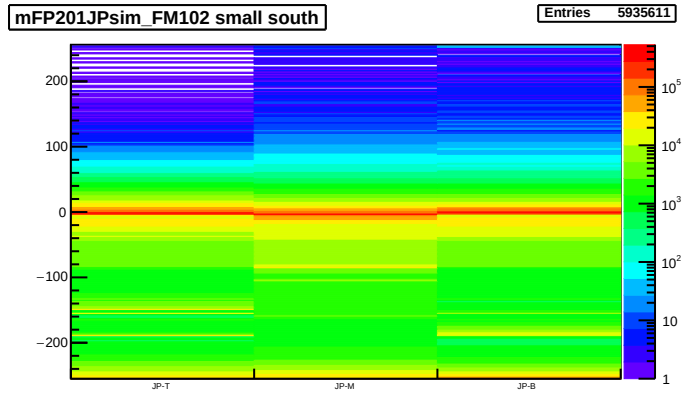

mFP201BS_FM104 large south
Entries 2.602142e+07
1
0
238639
521380
291630
418889
478228
4.96564e+06
4.6829e+06
4.91265e+06
4.78539e+06
4.72606e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

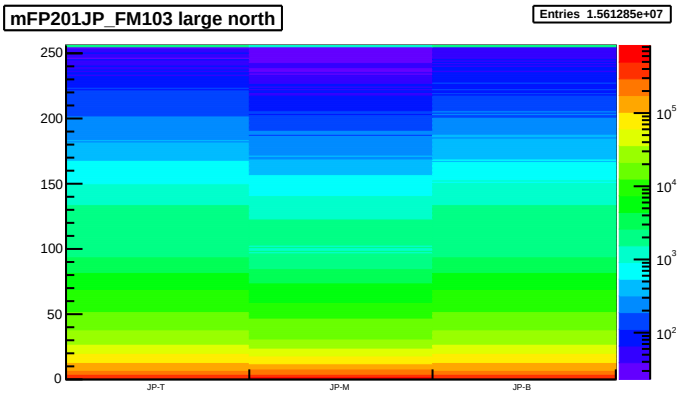

mFP201BSsim_FM104 large south
Entries 6170562
1
0
-1
752
5823
130987
8178
279839
1.28843e+06
1.35527e+06
703333
1.69124e+06
706705
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

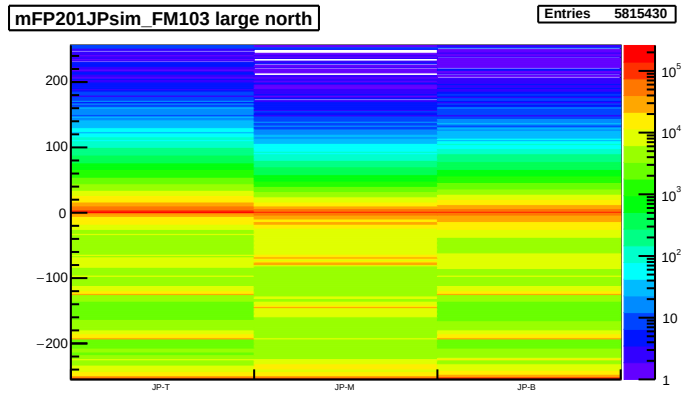

mFP201JP_FM101 small north
Entries 1.561285e+07
JP-T
JP-M
JP-B

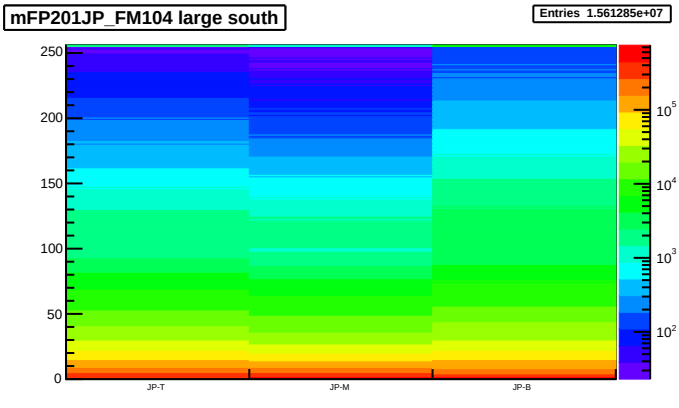

mFP201JPsim_FM101 small north
Entries 5777639
JP-T
JP-M
JP-B

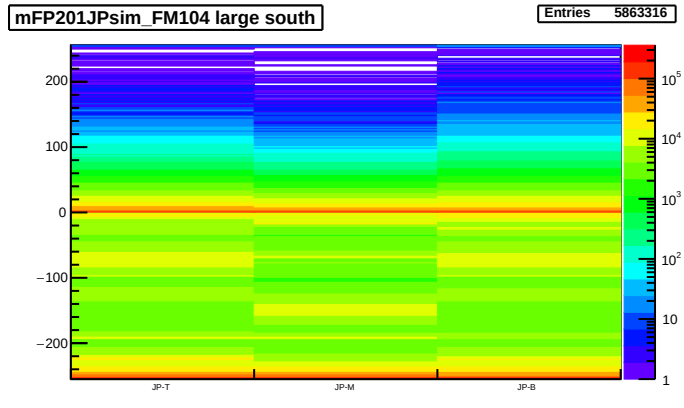

mFP201JP_FM102 small south
Entries 1.561285e+07
JP-T
JP-M
JP-B

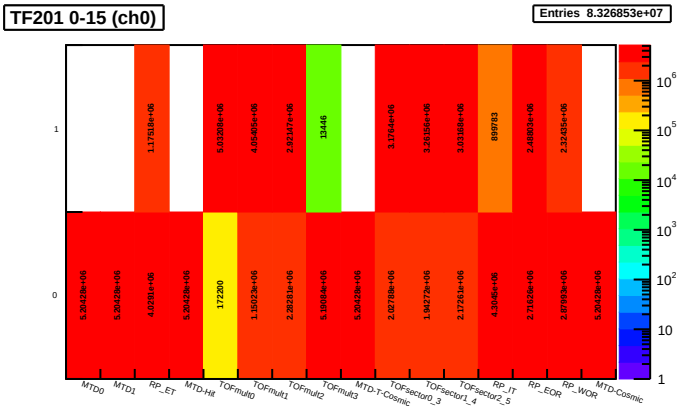

mFP201JPsim_FM102 small south
Entries 5935611
JP-T
JP-M
JP-B

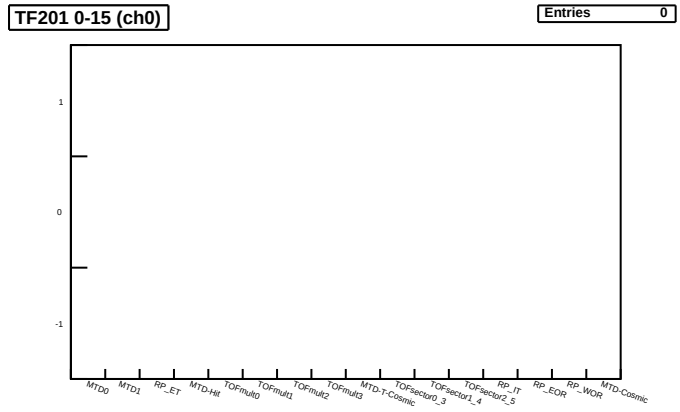

mFP201JP_FM103 large north
Entries 1.561285e+07
JP-T
JP-M
JP-B

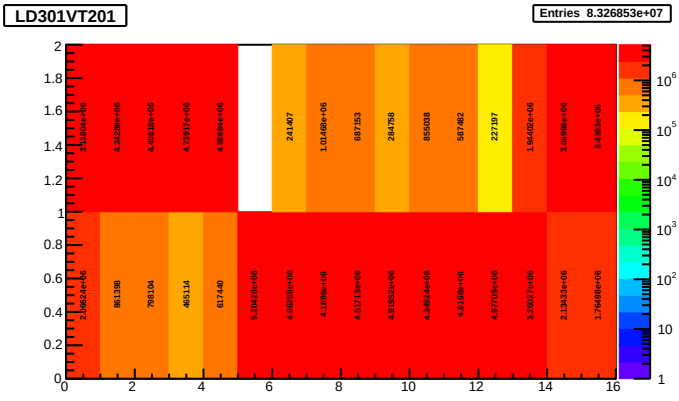

mFP201JPsim_FM103 large north
Entries 5815430
JP-T
JP-M
JP-B

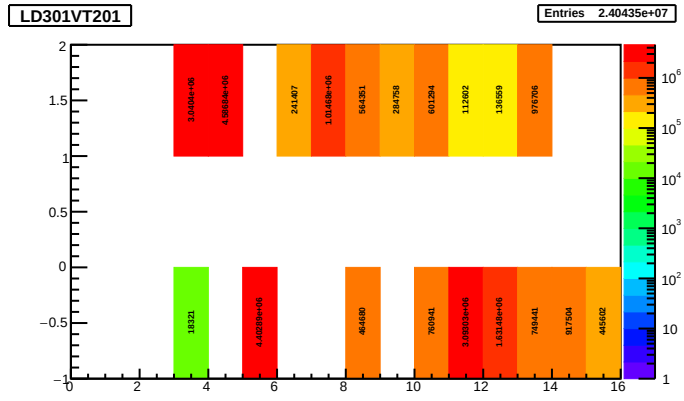

mFP201JP_FM104 large south
Entries 1.561285e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5863316
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 8.326853e+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 8.326853e+07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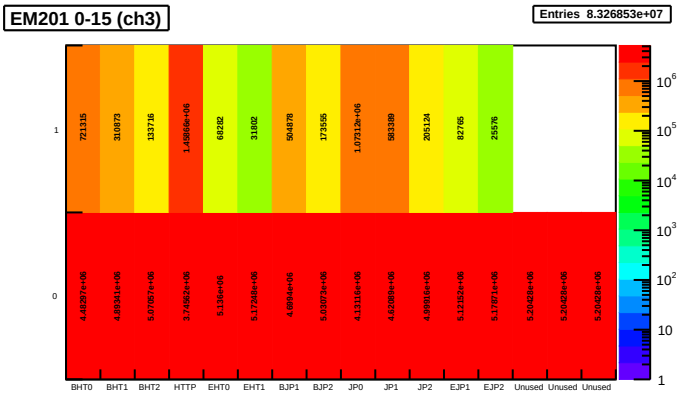
Entries 2.40435e+07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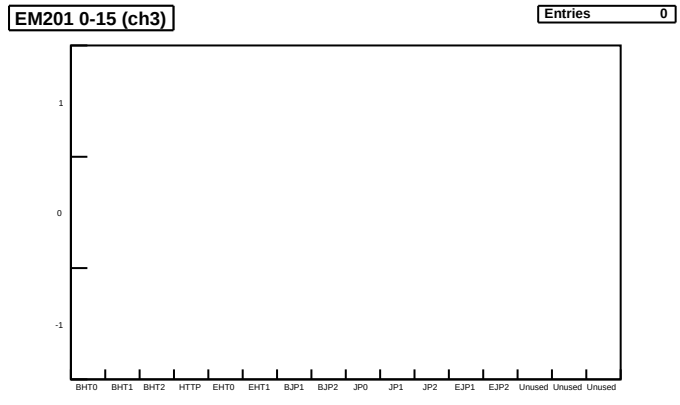
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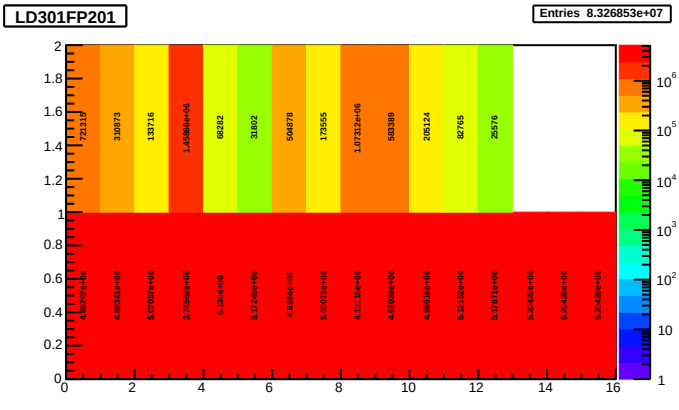
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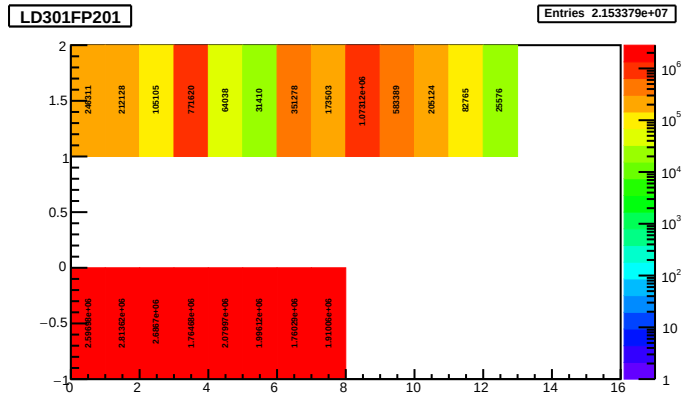
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