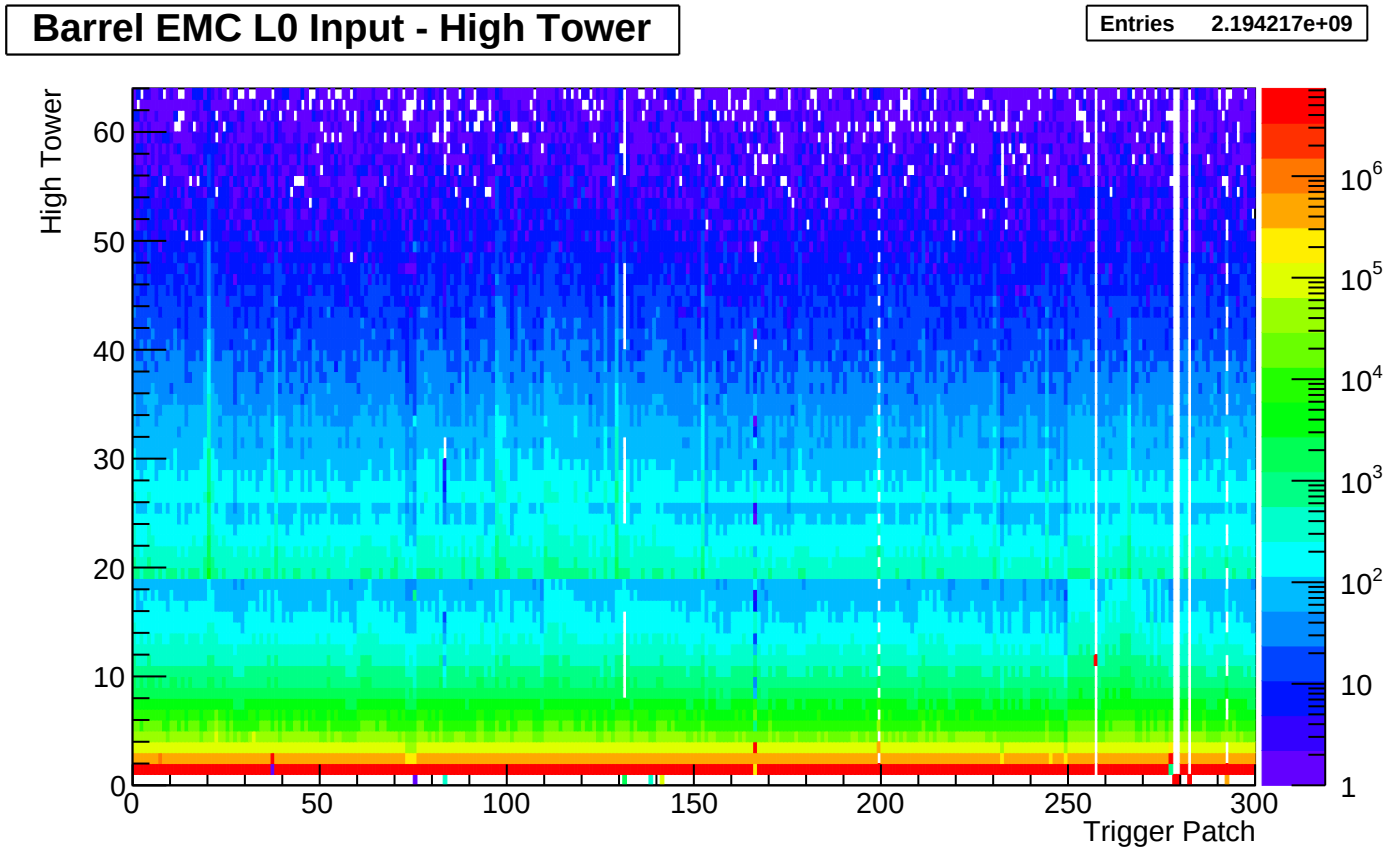
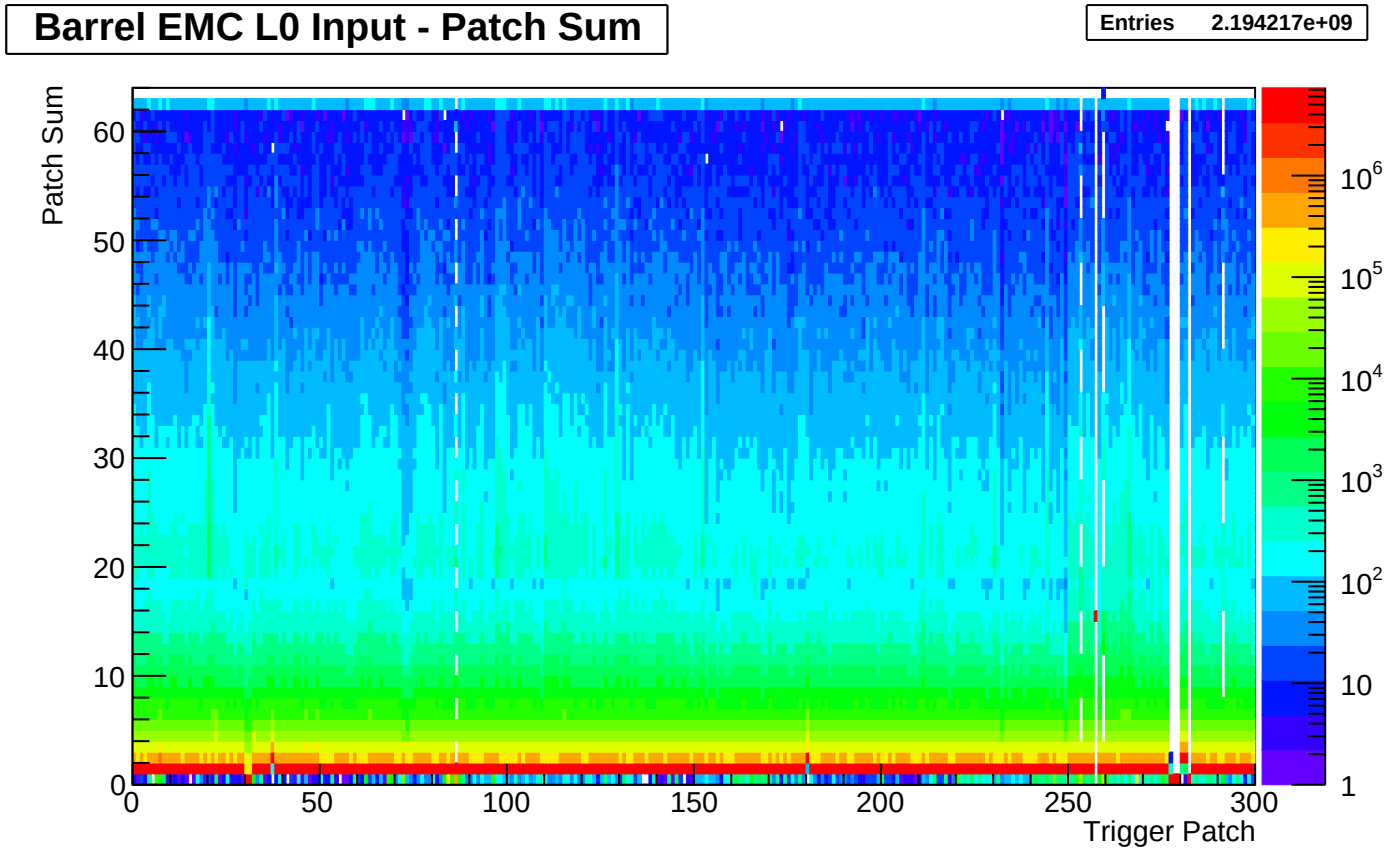
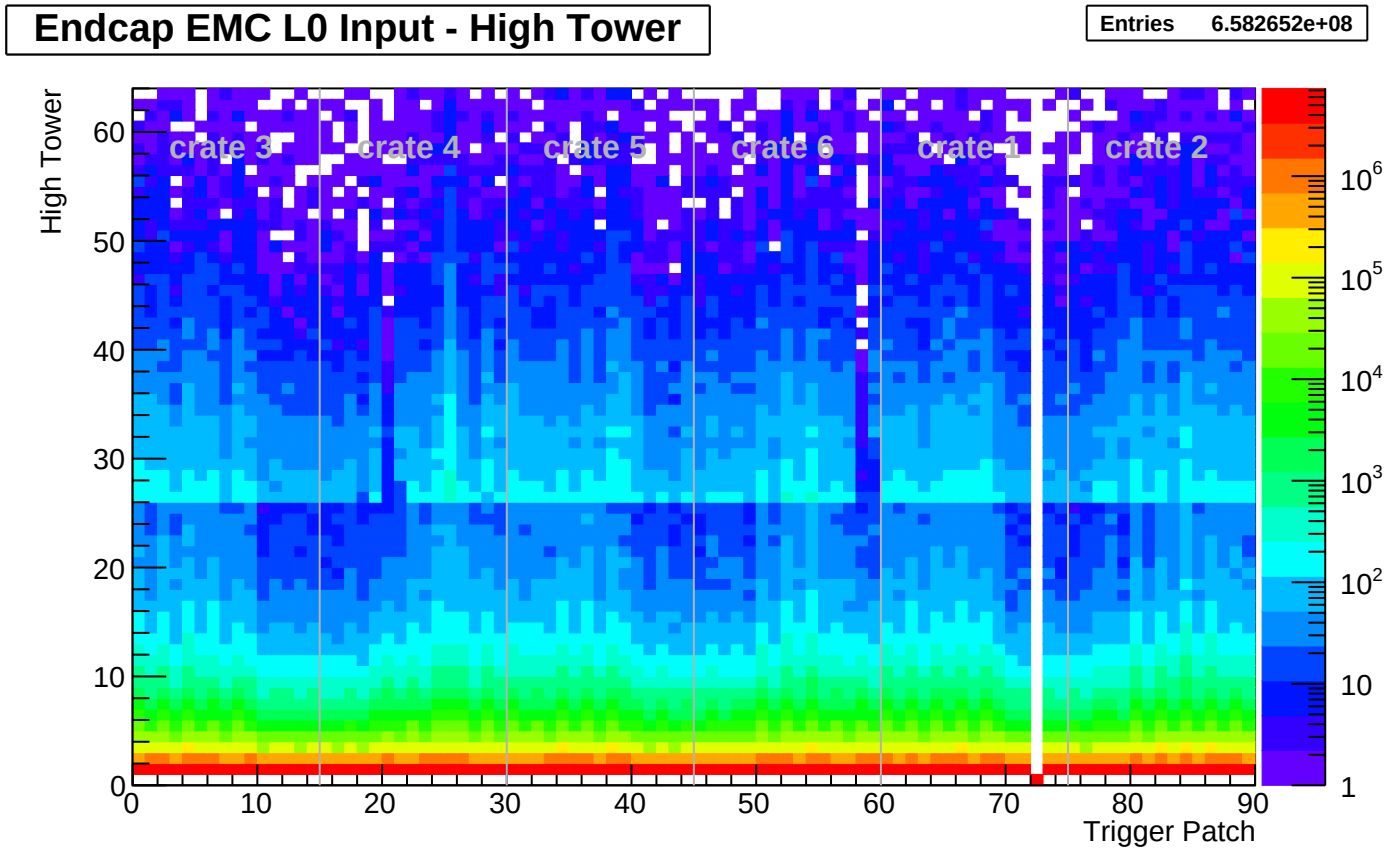
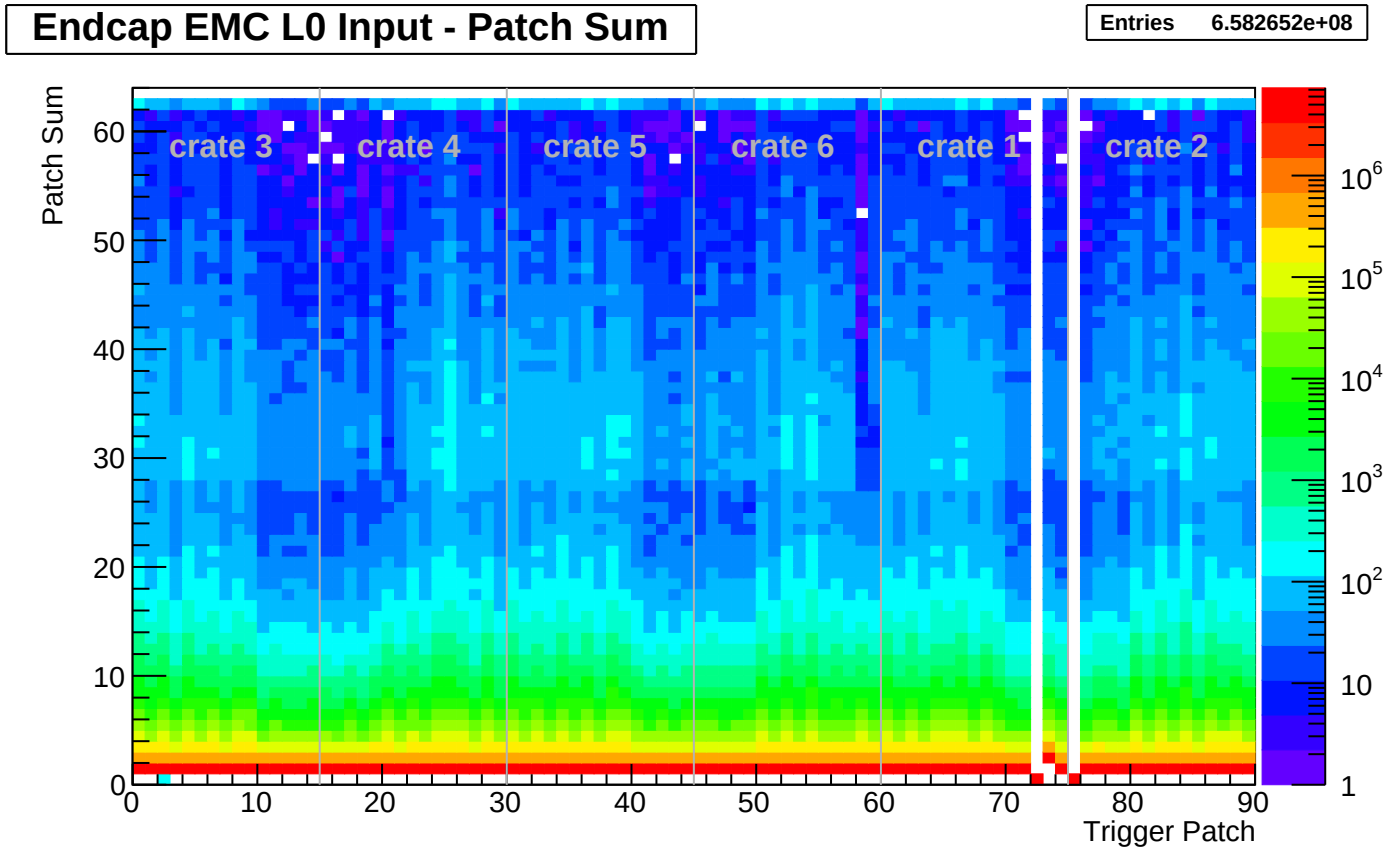
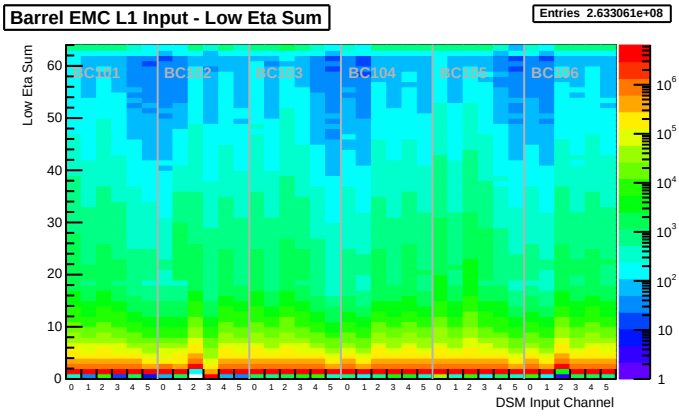
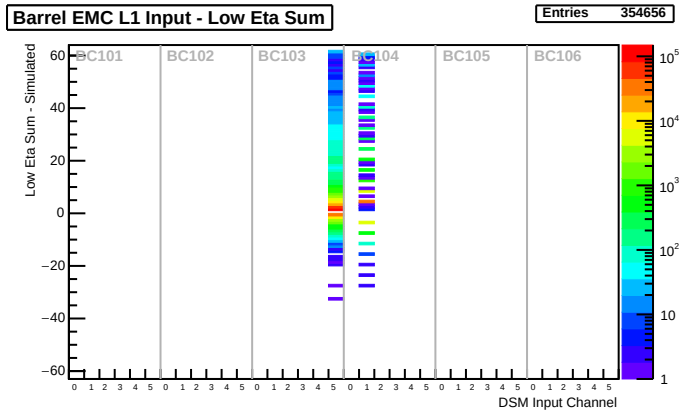

Barrel EMC L0 Input - High Tower
Entries 2.194217e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

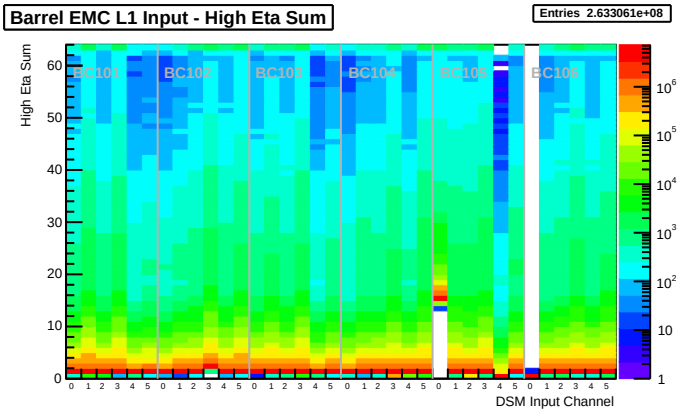

Barrel EMC L0 Input - Patch Sum
Entries 2.194217e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

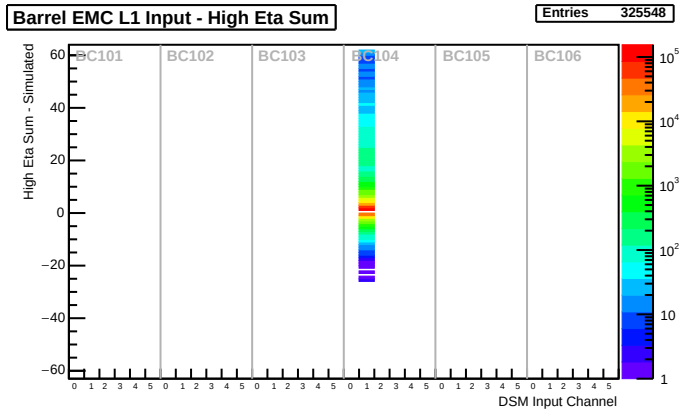

Endcap EMC L0 Input - High Tower
Entries 6.582652e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

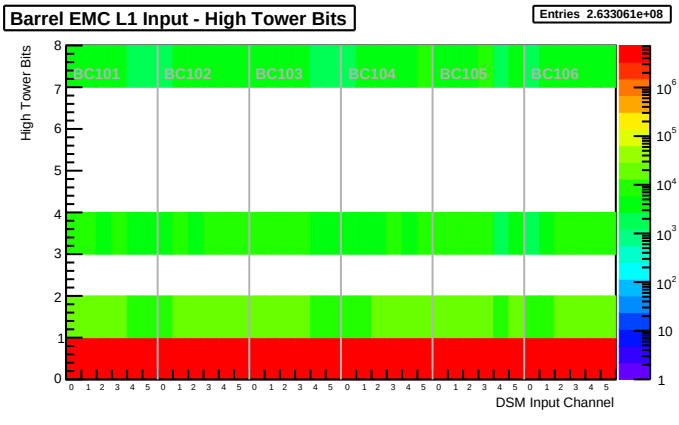

Endcap EMC L0 Input - Patch Sum
Entries 6.582652e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

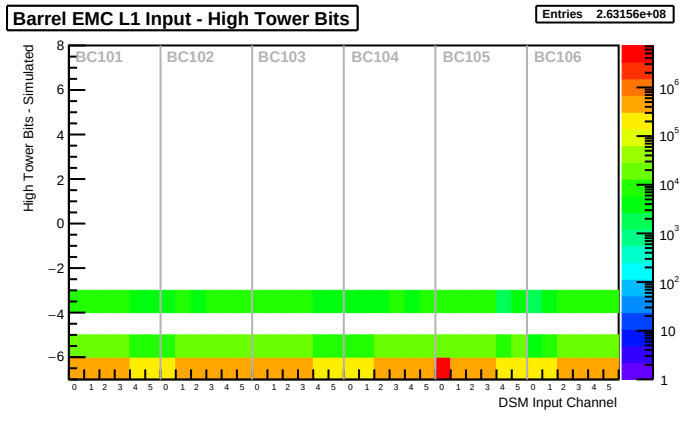

Barrel EMC L1 Input - Low Eta Sum
Entries 2.633061e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

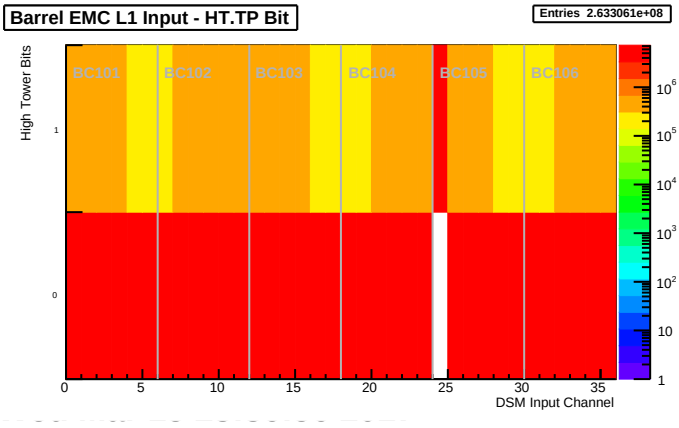

Barrel EMC L1 Input - Low Eta Sum
Entries 354656
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

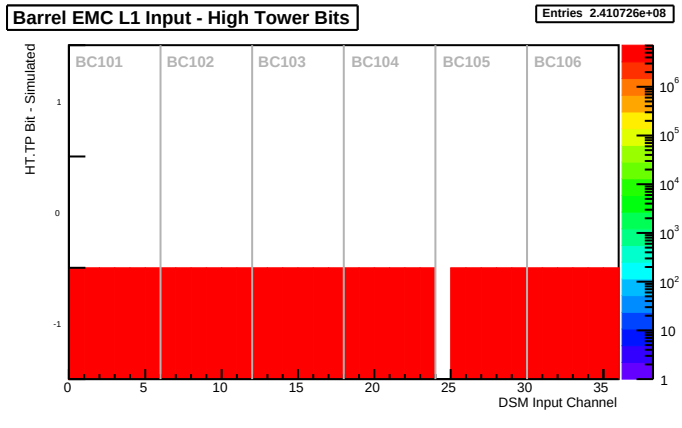

Barrel EMC L1 Input - High Eta Sum
Entries 2.633061e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

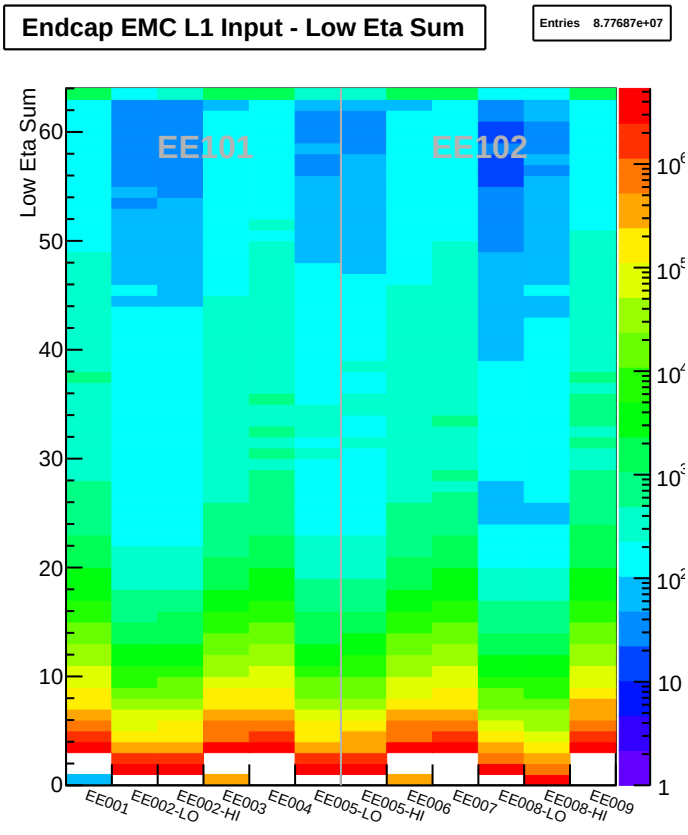

Barrel EMC L1 Input - High Eta Sum
Entries 325548
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

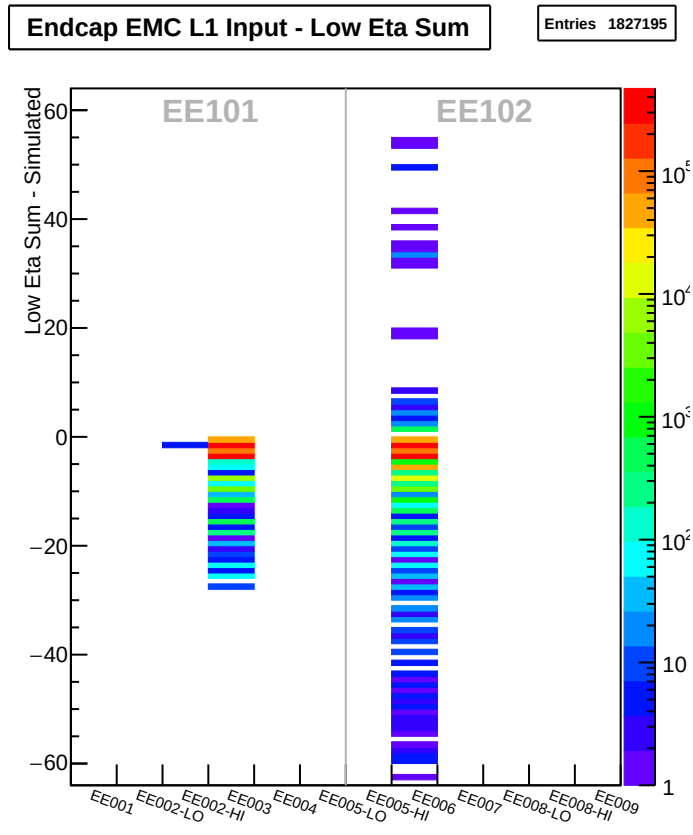

Barrel EMC L1 Input - High Tower Bits
Entries 2.633061e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

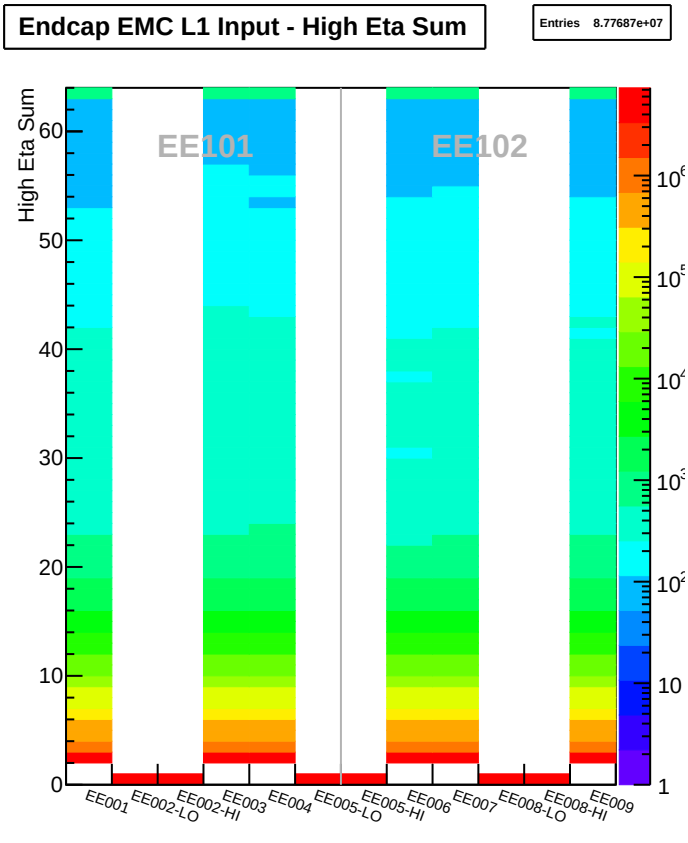

Barrel EMC L1 Input - High Tower Bits
Entries 2.63156e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

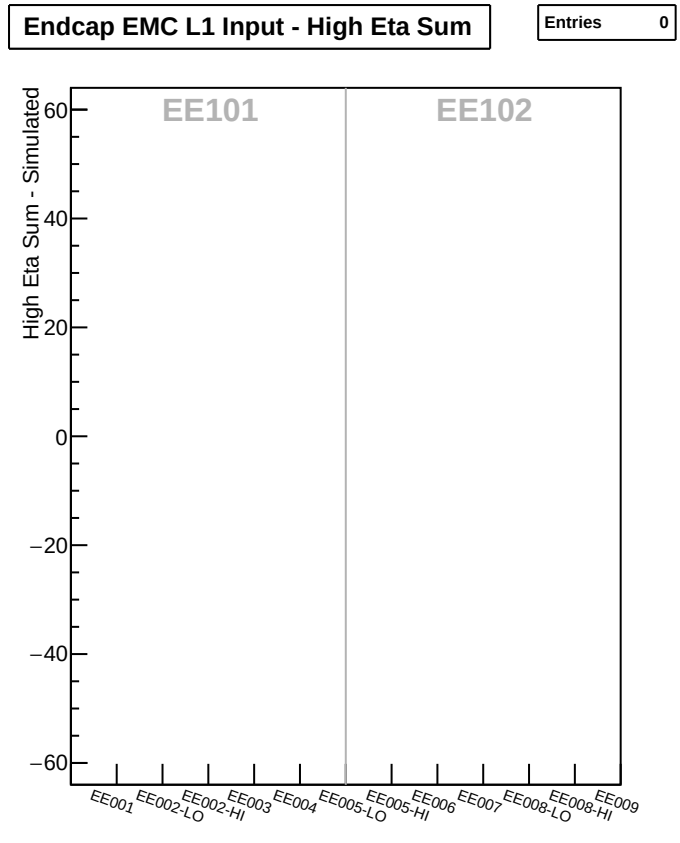

Barrel EMC L1 Input - HT.TP Bit
Entries 2.633061e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

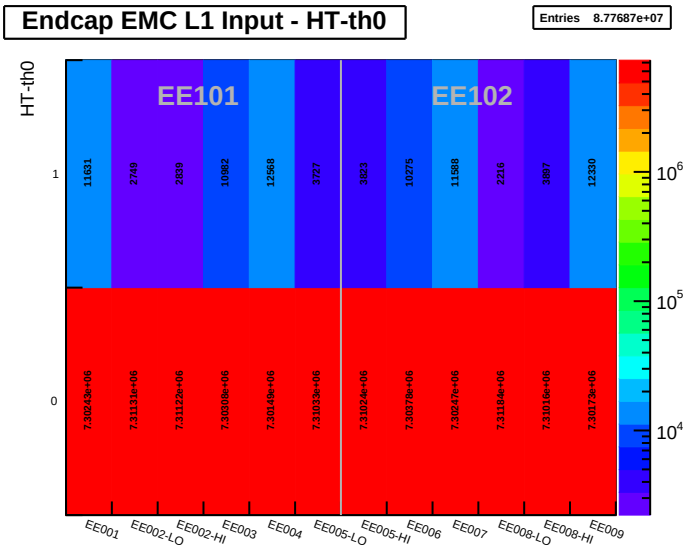

Barrel EMC L1 Input - High Tower Bits
Entries 2.410726e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

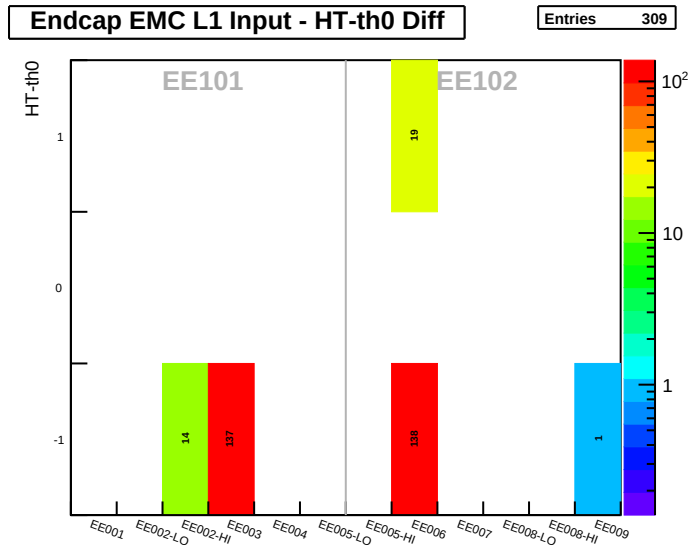

Endcap EMC L1 Input - Low Eta Sum
Entries 8.77687e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

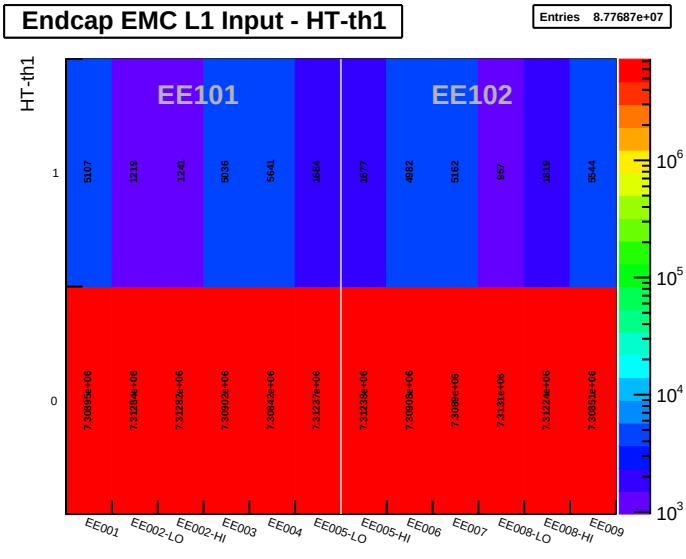

Endcap EMC L1 Input - Low Eta Sum
Entries 1827195
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

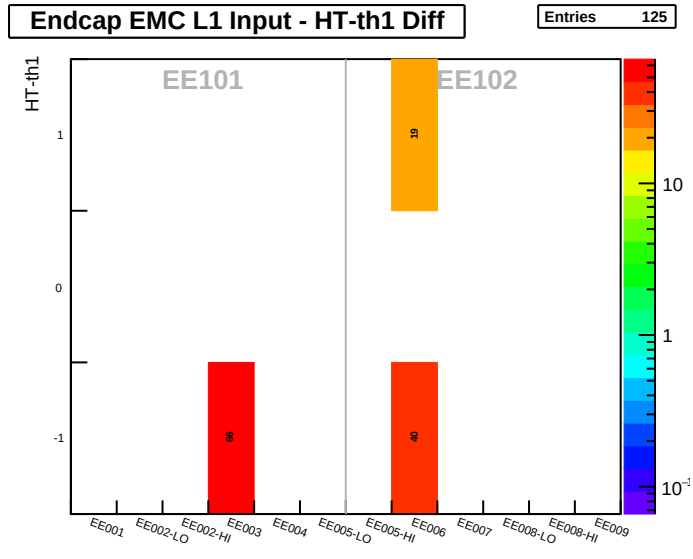

Endcap EMC L1 Input - High Eta Sum
Entries 8.77687e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

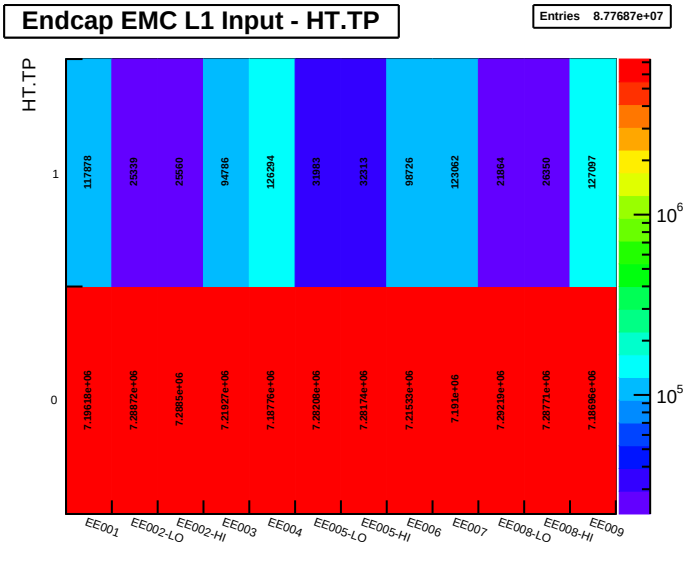

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

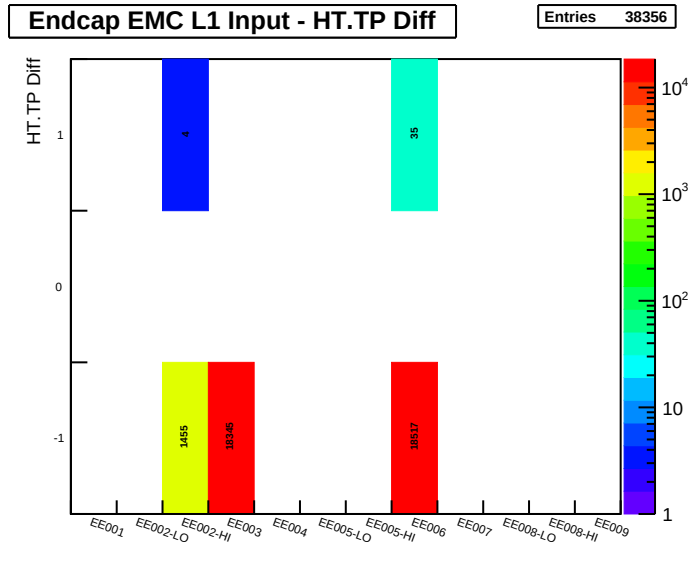

Endcap EMC L1 Input - HT-th0
Entries 8.77687e+07
HT-th0
EE101
EE102
11631 2749 2839 10982 12568 3727 3823 10275 11588 2216 3897 12330
7.30243e+06 7.31131e+06 7.31123e+06 7.30306e+06 7.30149e+06 7.31033e+06 7.31024e+06 7.30378e+06 7.30247e+06 7.31184e+06 7.31016e+06 7.30173e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

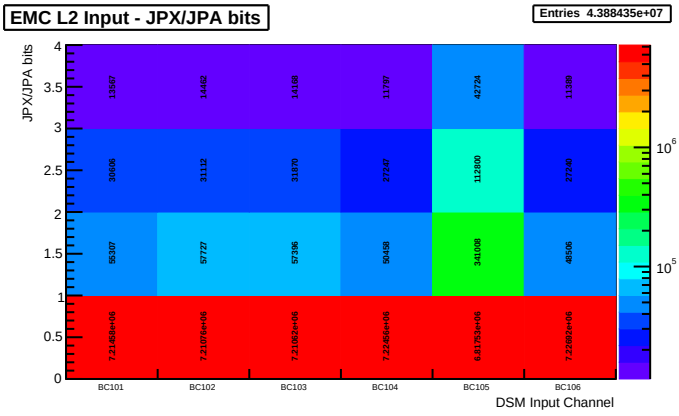

Endcap EMC L1 Input - HT-th0 Diff
Entries 309
HT-th0
EE101
EE102
19
14 137 138 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

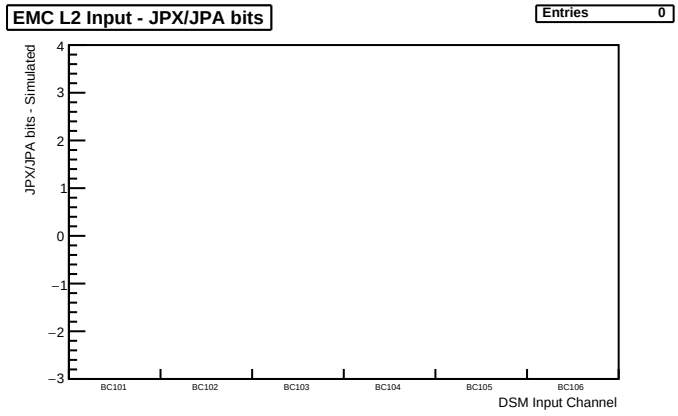

Endcap EMC L1 Input - HT-th1
Entries 8.77687e+07
HT-th1
EE101
EE102
5107 1219 1241 5036 5641 1684 1677 4982 5162 957 1819 5544
7.30895e+06 7.31204e+06 7.31282e+06 7.30902e+06 7.30842e+06 7.31237e+06 7.31238e+06 7.30908e+06 7.3089e+06 7.3131e+06 7.31224e+06 7.30851e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

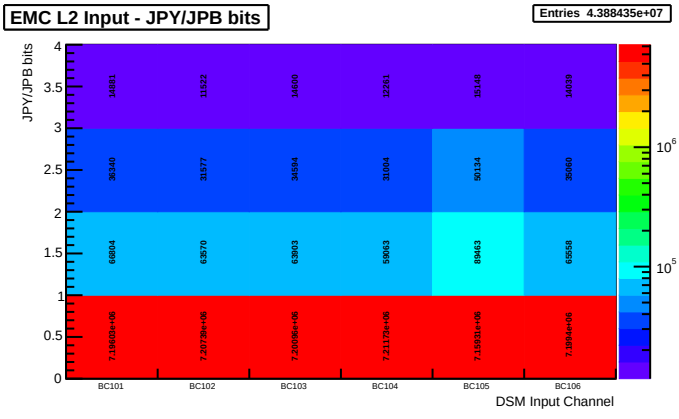

Endcap EMC L1 Input - HT-th1 Diff
Entries 125
HT-th1
EE101
EE102
19
66 40
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

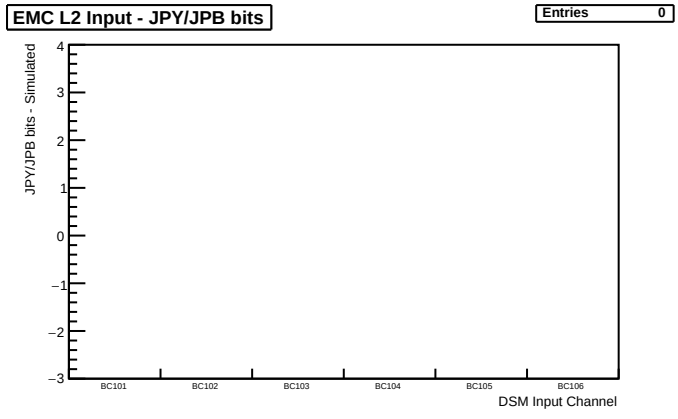

Endcap EMC L1 Input - HT.TP
Entries 8.77687e+07
HT.TP
117878 25339 25560 94786 126294 31983 32313 98726 123062 21864 26350 127097
7.19618e+06 7.29872e+06 7.2885e+06 7.21927e+06 7.18776e+06 7.29208e+06 7.28174e+06 7.21533e+06 7.191e+06 7.28219e+06 7.28771e+06 7.18696e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

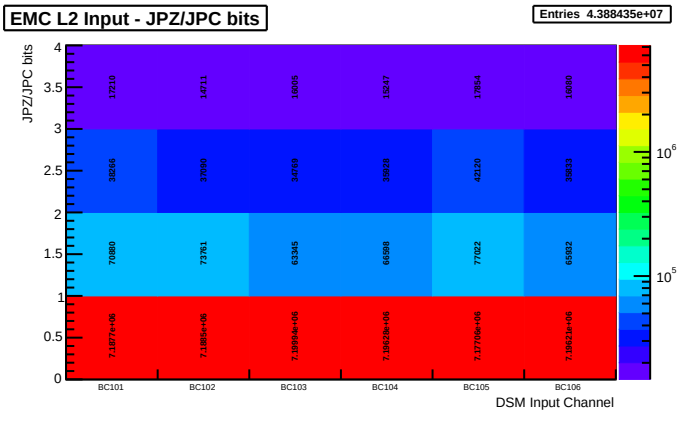

Endcap EMC L1 Input - HT.TP Diff
Entries 38356
HT.TP Diff
4
35
1455 18345 18517
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

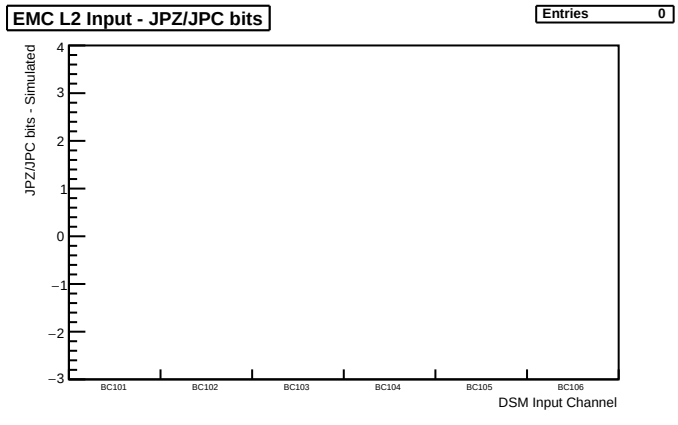

EMC L2 Input - JPX/JPA bits
Entries 4.388435e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13567
14442
14188
11797
42724
11339
30606
31112
31870
27247
112300
27240
55307
57727
57396
50458
341008
48506
7.21458e+06
7.21076e+06
7.21062e+06
7.22456e+06
6.81753e+06
7.22892e+06

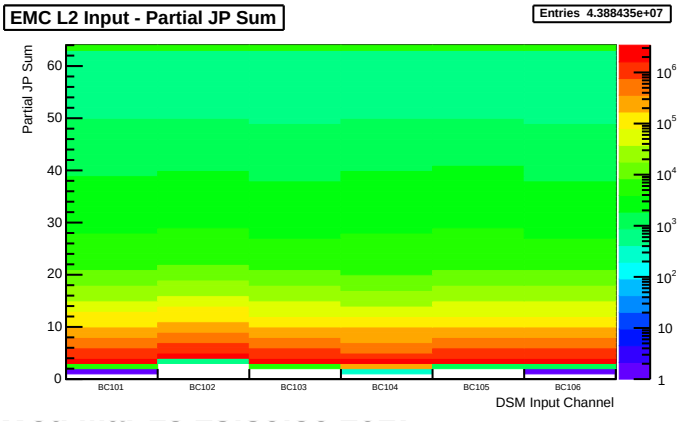

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

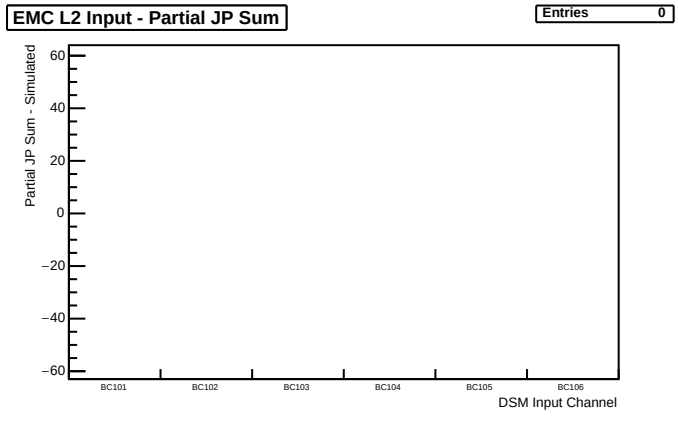

EMC L2 Input - JPY/JPB bits
Entries 4.388435e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14881
11522
14600
12251
15148
14039
36340
31577
34594
31004
50134
35060
66804
63570
63903
59063
89463
65558
7.19603e+06
7.20739e+06
7.20096e+06
7.21173e+06
7.15931e+06
7.1904e+06

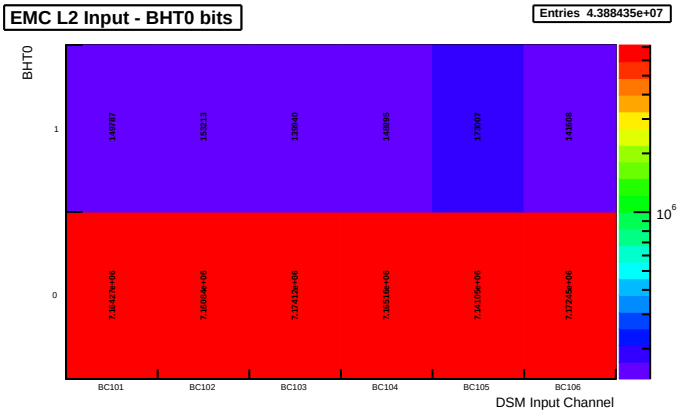

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

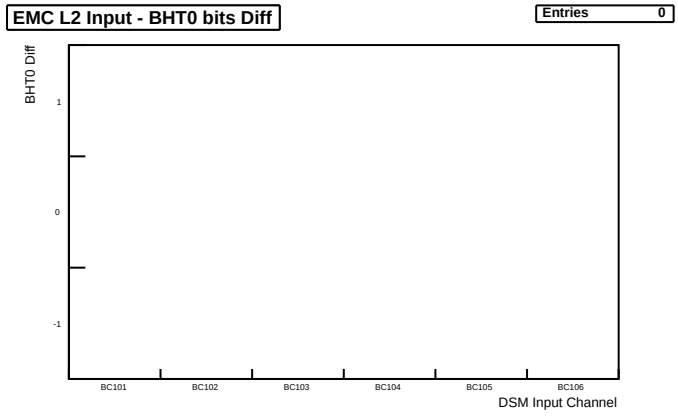

EMC L2 Input - JPZ/JPC bits
Entries 4.388435e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
17210
14711
16005
15247
17654
16080
38556
37599
34769
39928
42120
39833
70880
73761
63345
66598
77022
65932
7.1897e+06
7.1885e+06
7.19994e+06
7.19628e+06
7.17708e+06
7.19621e+06

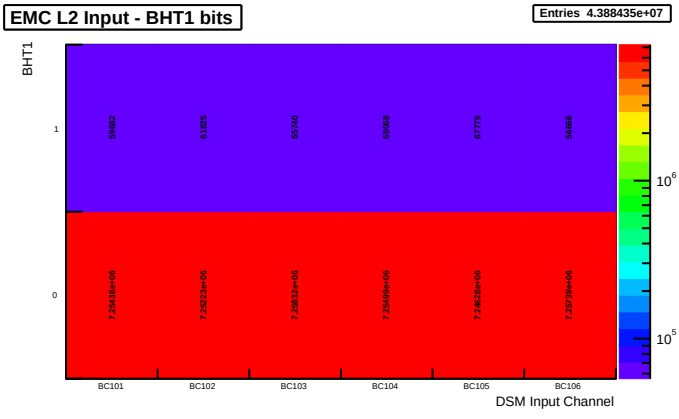

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

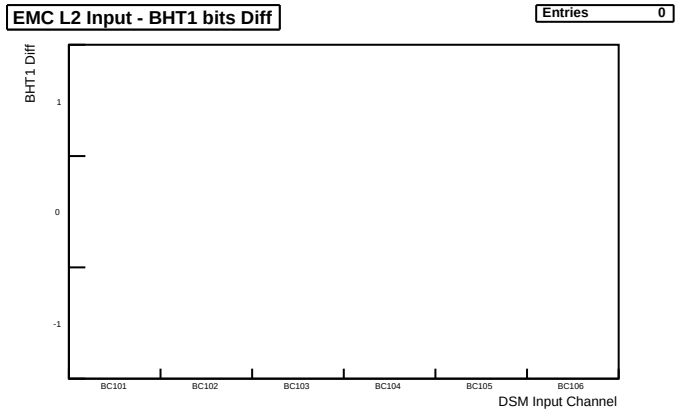

EMC L2 Input - Partial JP Sum
Entries 4.388435e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

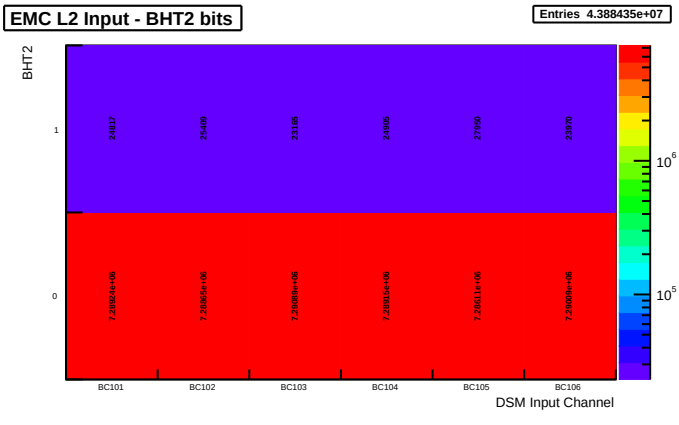

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

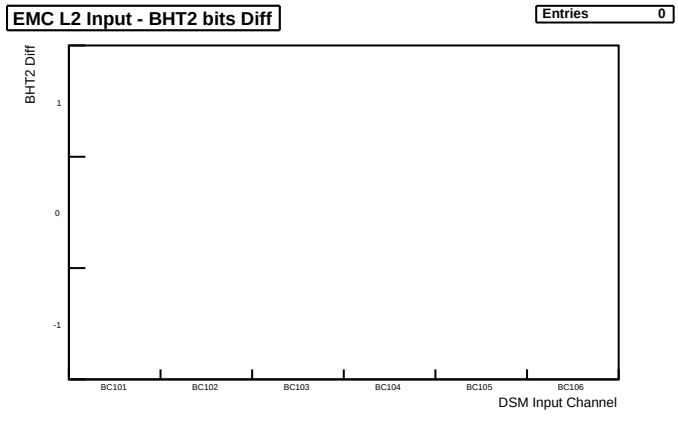

EMC L2 Input - BHT0 bits
Entries 4.388435e+07
BHT0
1
0
149787
153213
139940
148895
173007
141608
7.18427e+06
7.16084e+06
7.17412e+06
7.16516e+06
7.14109e+06
7.17245e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

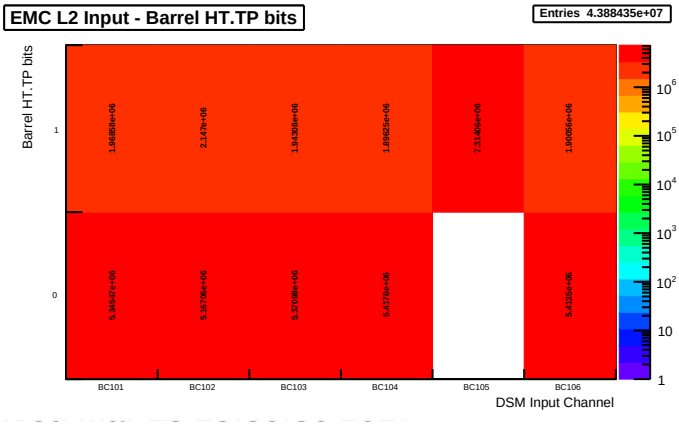

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

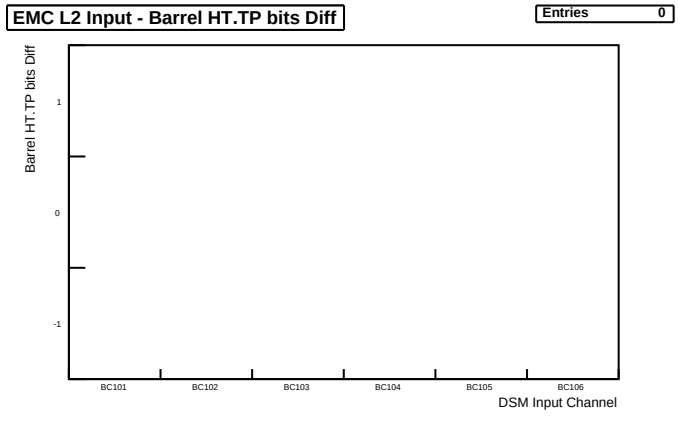

EMC L2 Input - BHT1 bits
Entries 4.388435e+07
BHT1
1
0
59882
61925
55740
59068
67775
55666
7.25438e+06
7.25223e+06
7.25832e+06
7.25099e+06
7.24628e+06
7.25739e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

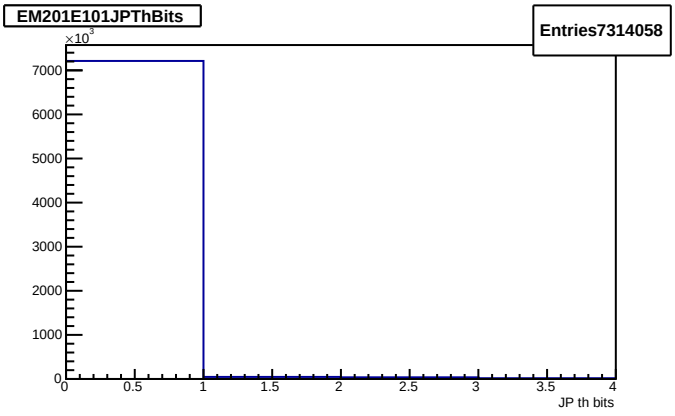

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

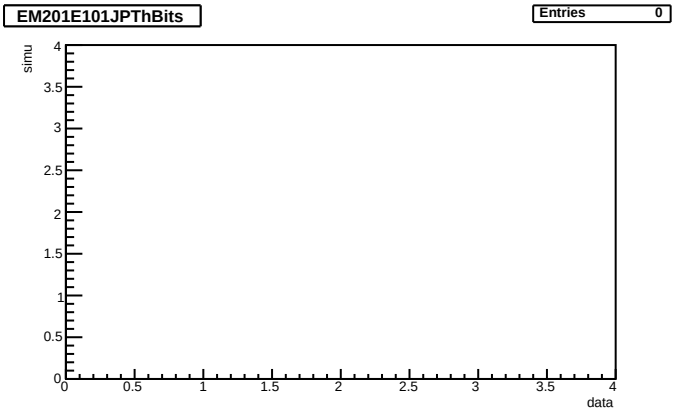

EMC L2 Input - BHT2 bits
Entries 4.388435e+07
BHT2
1
0
24517
25409
23165
24405
27950
23370
7.23924e+06
7.23885e+06
7.23089e+06
7.23915e+06
7.23611e+06
7.23009e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

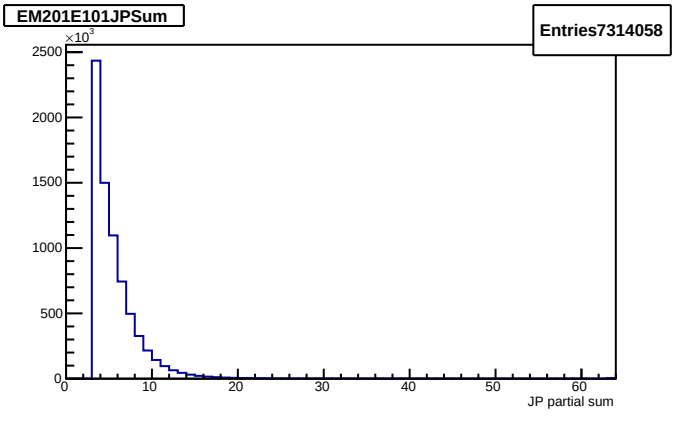

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

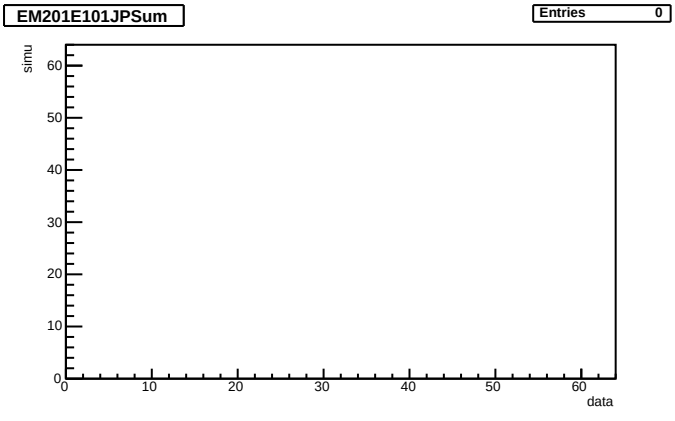

EMC L2 Input - Barrel HT.TP bits
Entries 4.388435e+07
Barrel HT.TP bits
1
0
1.96858e+06
2.147e+06
1.94309e+06
1.89625e+06
7.31409e+06
1.90056e+06
5.34547e+06
5.16709e+06
5.37088e+06
5.4178e+06
5.4135e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4
10^3
10^2
10
1

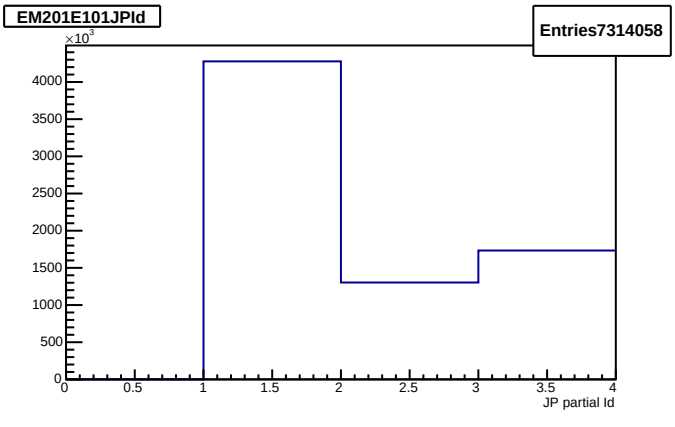

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

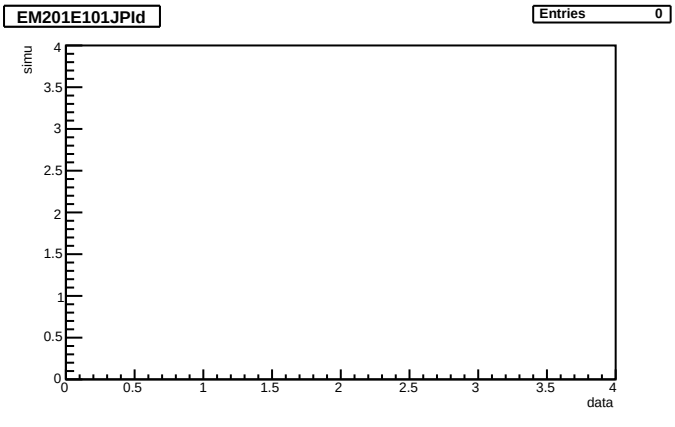

EM201E101JPThBits
Entries7314058
×10^3
JP th bits

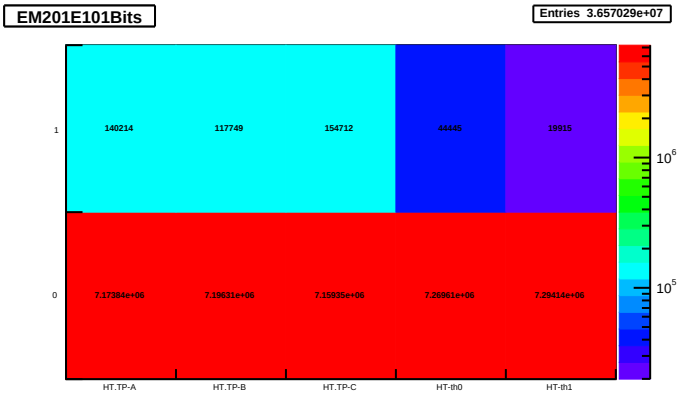

EM201E101JPThBits
Entries 0
simu
data

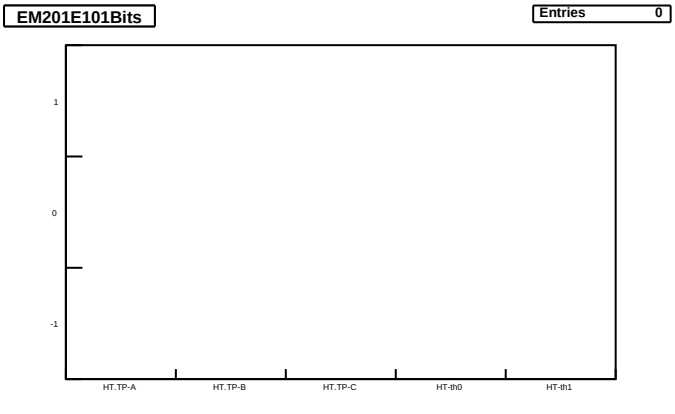

EM201E101JPSum
Entries7314058
×10^3
JP partial sum

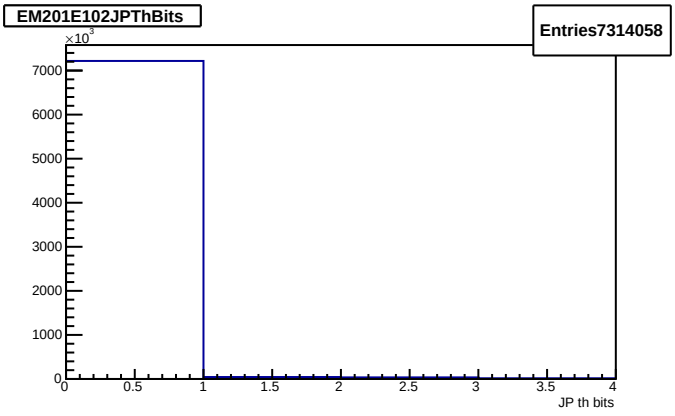

EM201E101JPSum
Entries 0
simu
data

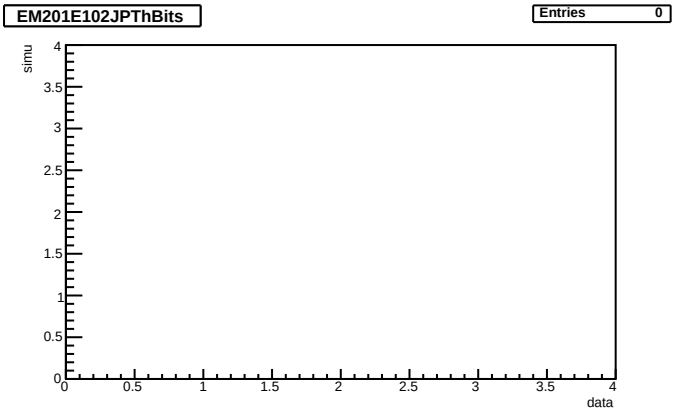

EM201E101JPId
Entries7314058
×10^3
JP partial Id

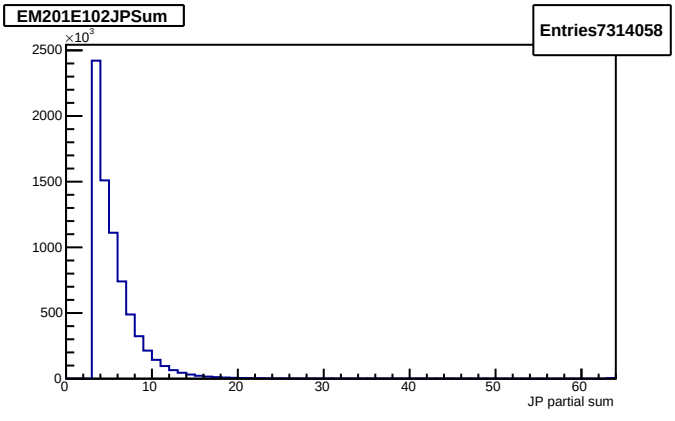

EM201E101JPId
Entries 0
simu
data

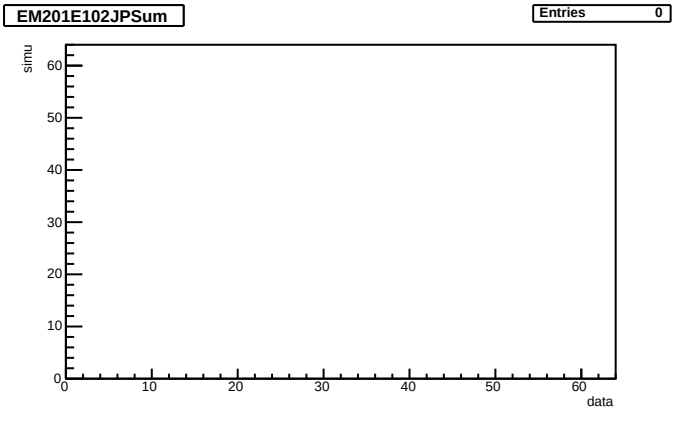

EM201E101Bits
Entries 3.657029e+07
140214
117749
154712
44445
19915
7.17384e+06
7.19631e+06
7.15935e+06
7.26961e+06
7.29414e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

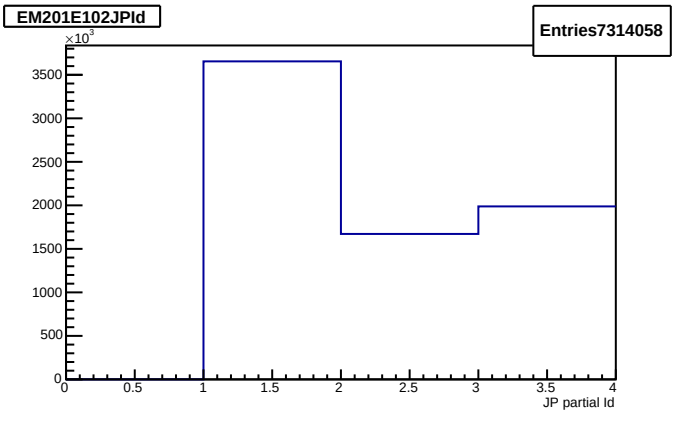

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

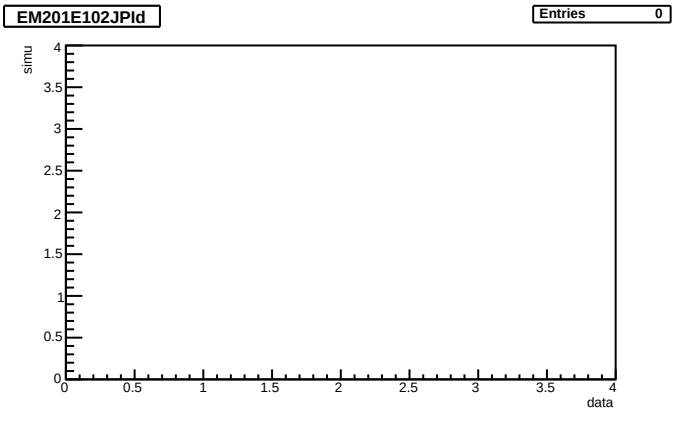

EM201E102JPThBits
Entries7314058
×10^3
JP th bits

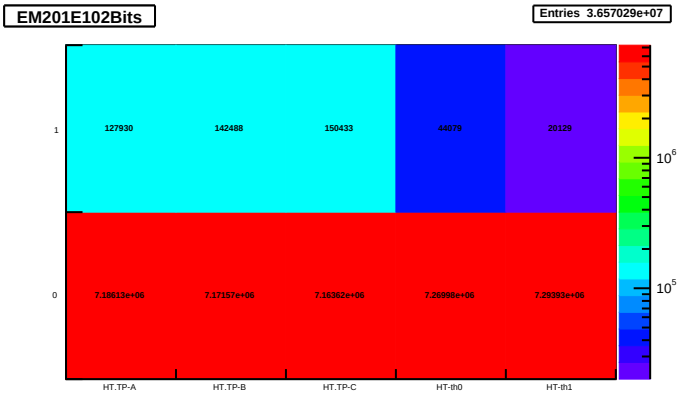

EM201E102JPThBits
Entries 0
simu
data

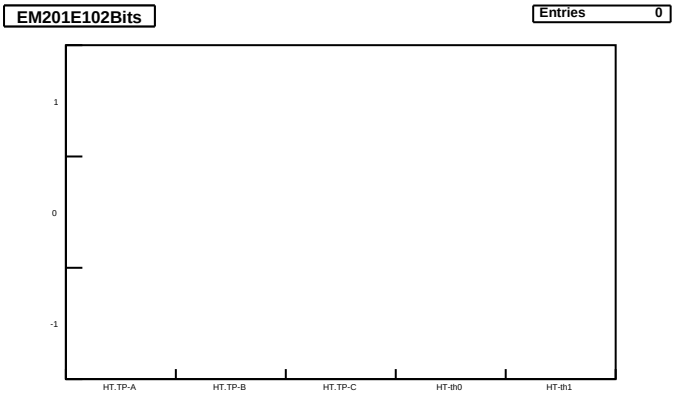

EM201E102JPSum
Entries7314058
×10^3
JP partial sum

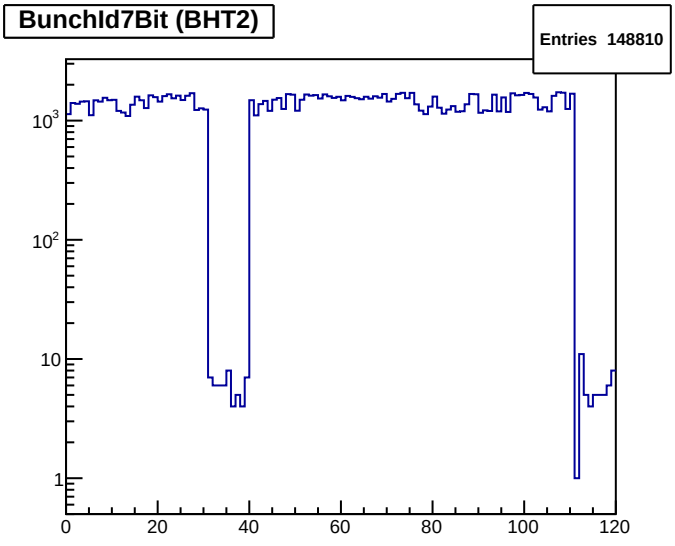

EM201E102JPSum
Entries 0
simu
data

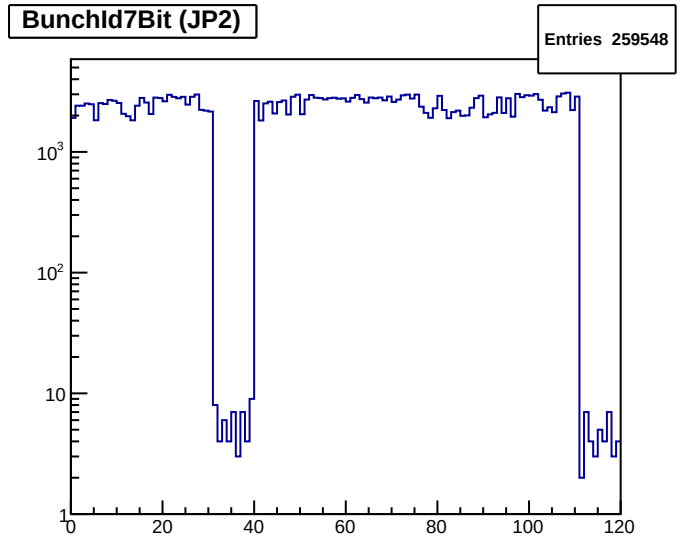

EM201E102JPId
Entries7314058
×10^3
JP partial Id

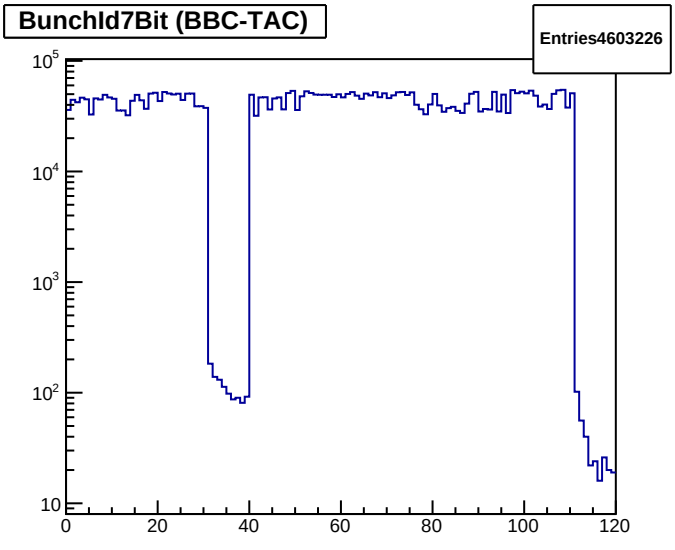

EM201E102JPId
Entries 0
simu
data

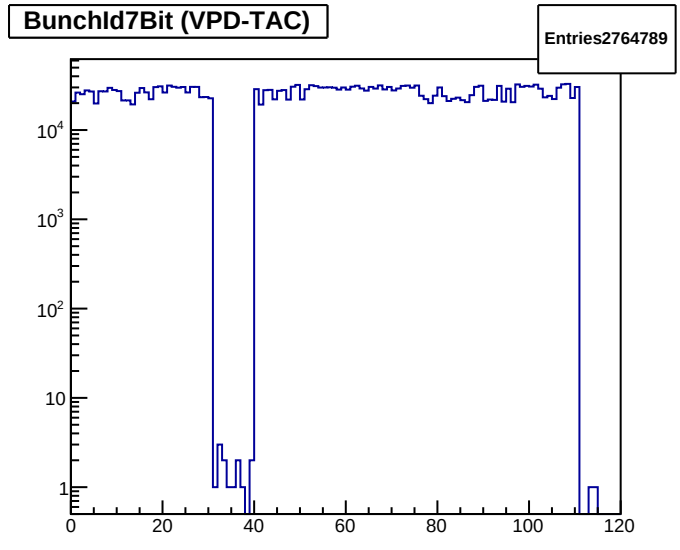

EM201E102Bits
Entries 3.657029e+07
127930
142488
150433
44079
20123
7.18613e+06
7.17157e+06
7.16362e+06
7.26998e+06
7.29393e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

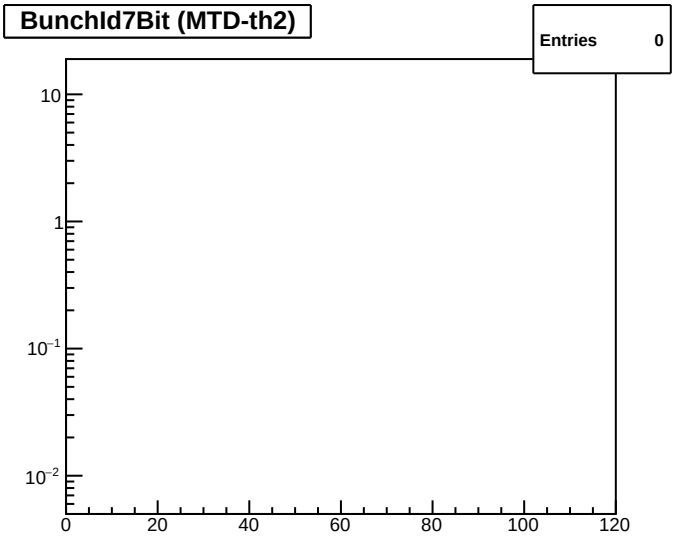

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

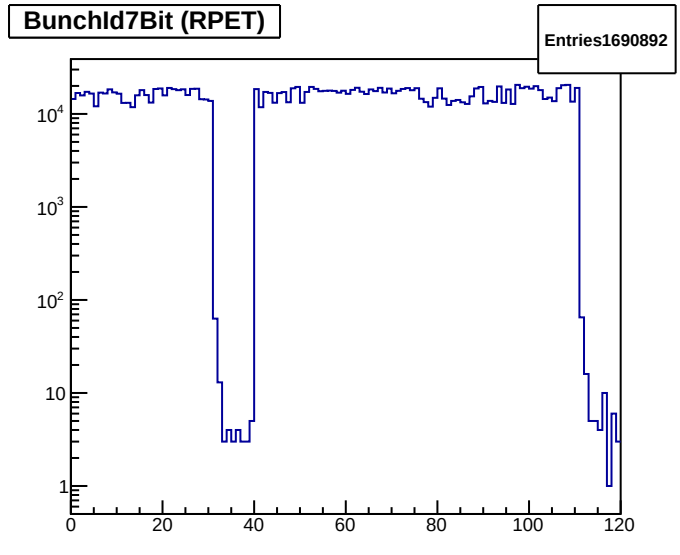

BunchId7Bit (BHT2)
Entries 148810

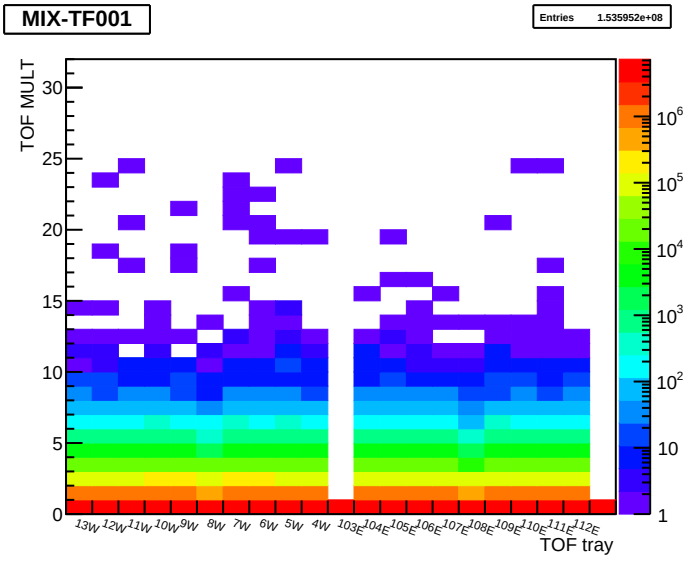

BunchId7Bit (JP2)
Entries 259548

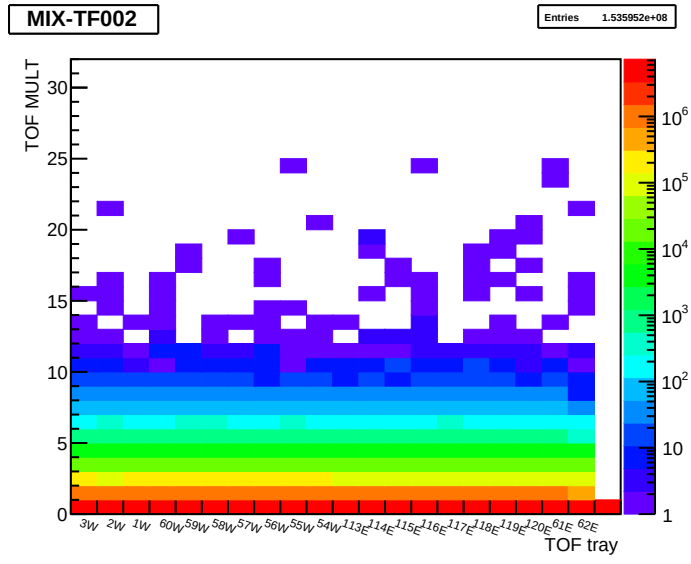

BunchId7Bit (BBC-TAC)
Entries4603226

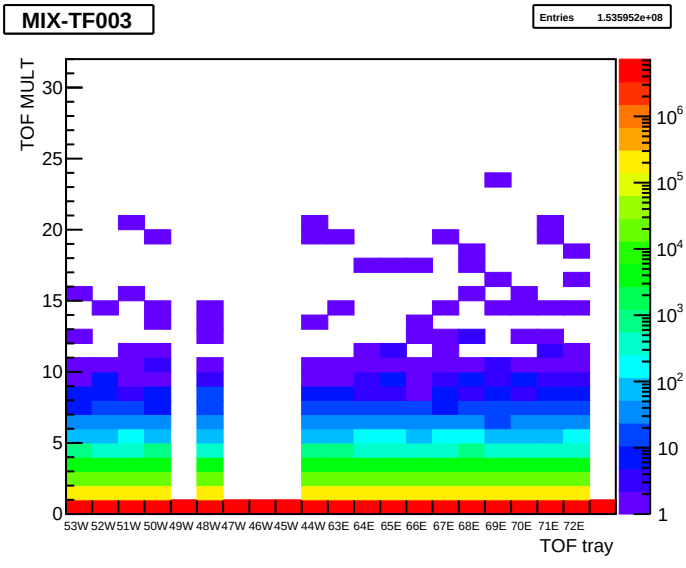

BunchId7Bit (VPD-TAC)
Entries2764789

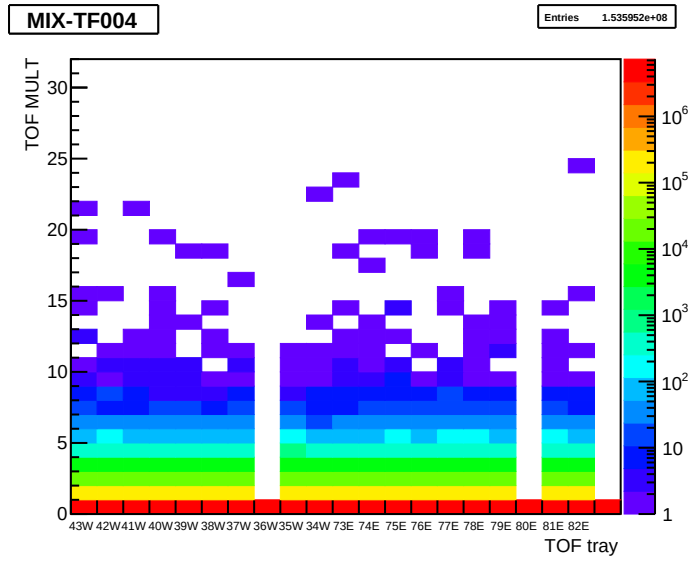

BunchId7Bit (MTD-th2)
Entries 0

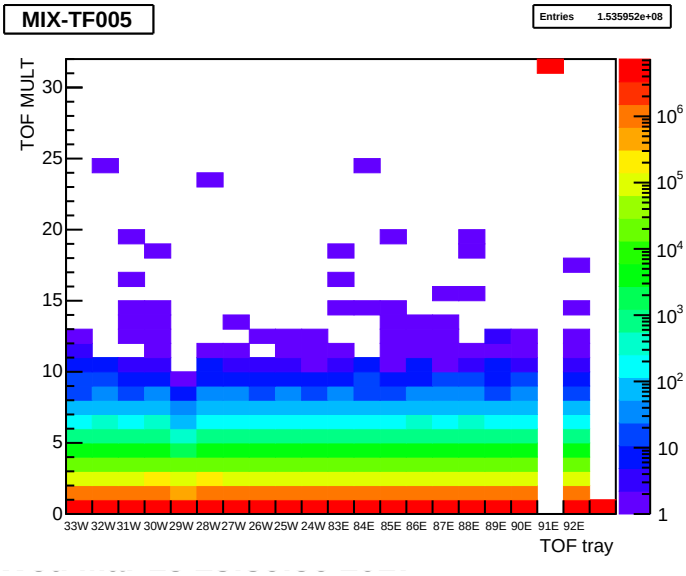

BunchId7Bit (RPET)
Entries1690892

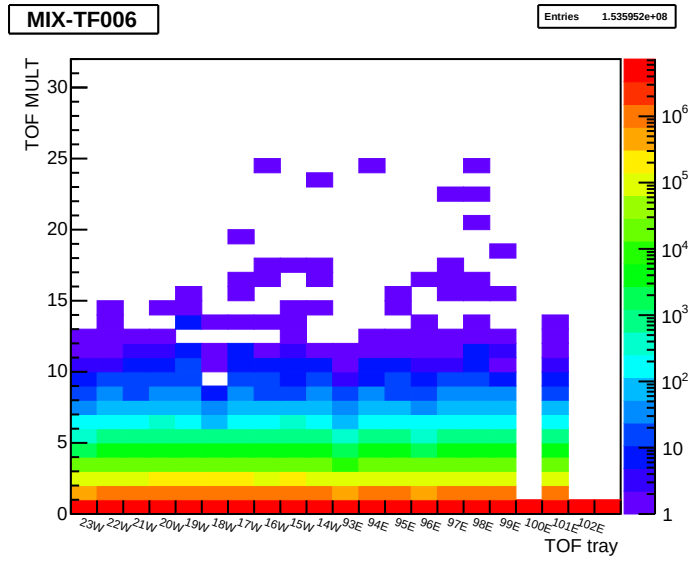

MIX-TF001
Entries 1.535952e+08
TOF MULT
TOF tray

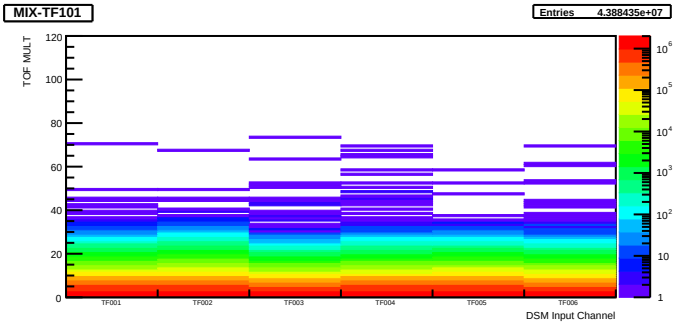

MIX-TF002
Entries 1.535952e+08
TOF MULT
TOF tray

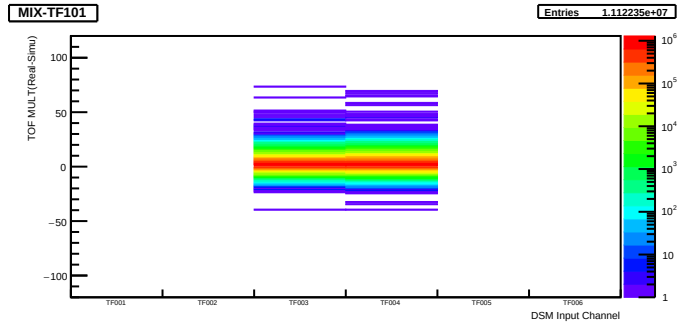

MIX-TF003
Entries 1.535952e+08
TOF MULT
TOF tray

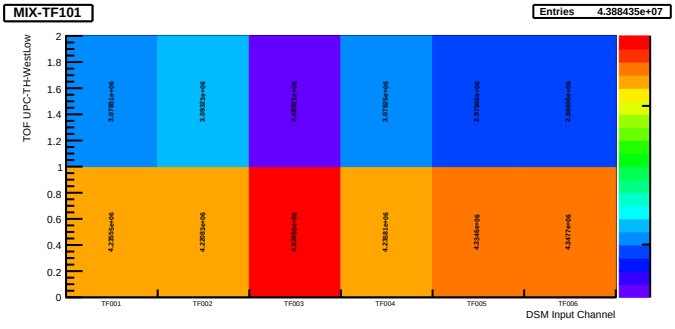

MIX-TF004
Entries 1.535952e+08
TOF MULT
TOF tray

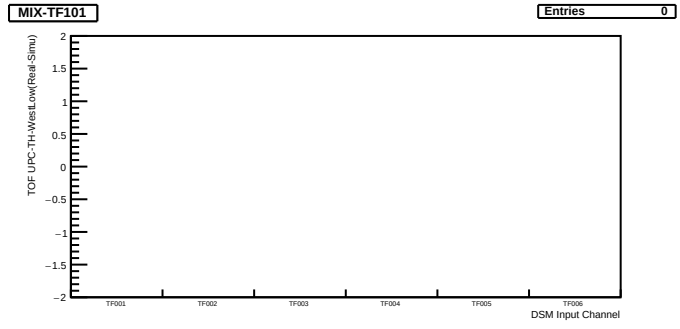

MIX-TF005
Entries 1.535952e+08
TOF MULT
TOF tray

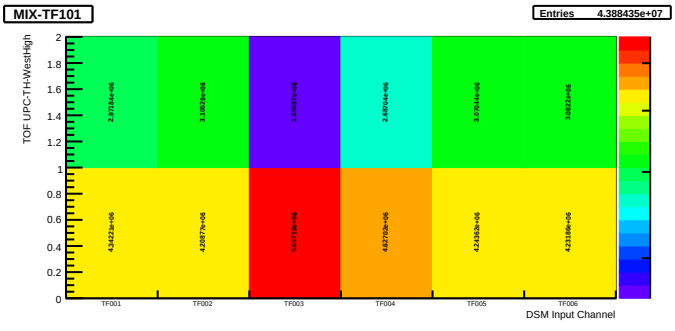

MIX-TF006
Entries 1.535952e+08
TOF MULT
TOF tray

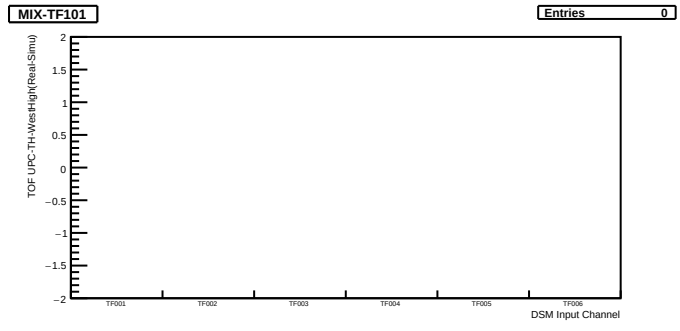

MIX-TF101
Entries 4.388435e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

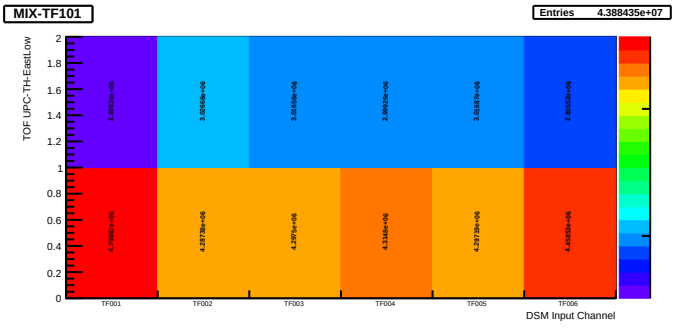

MIX-TF101
Entries 1.112235e+07
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

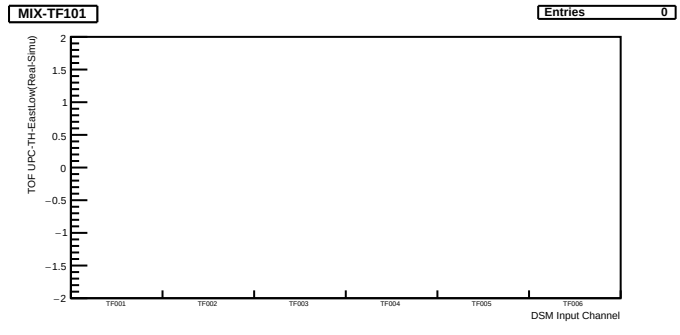

MIX-TF101
Entries 4.388435e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

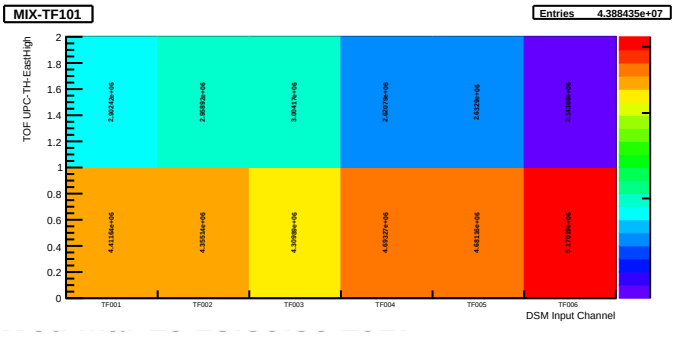

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

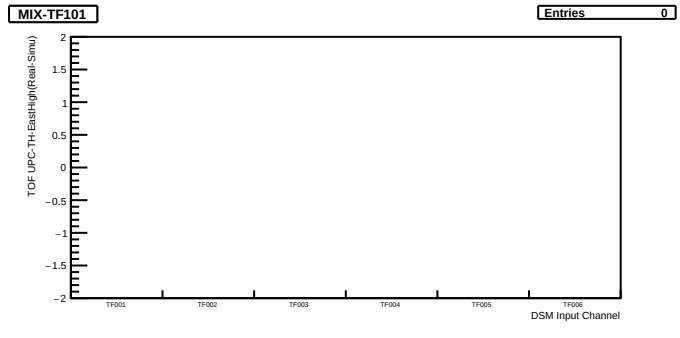

MIX-TF101
Entries 4.388435e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

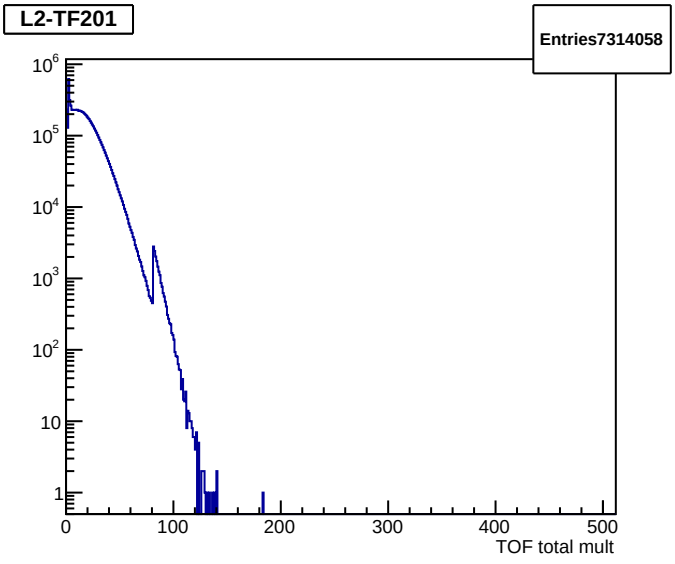

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

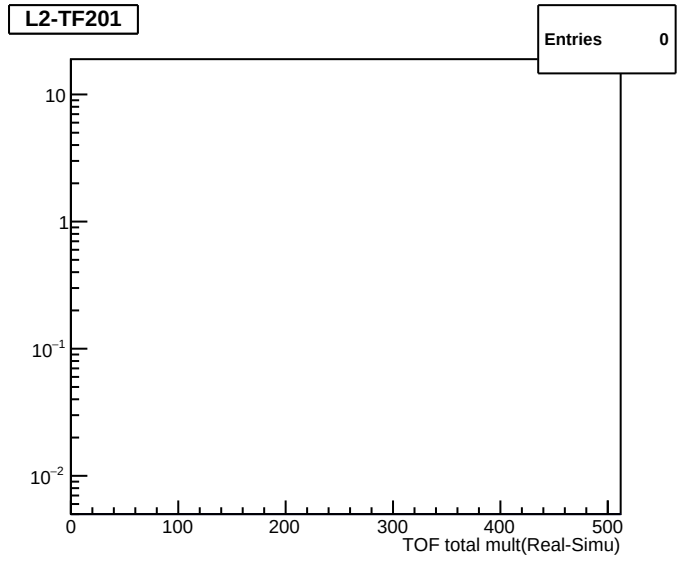

MIX-TF101
Entries 4.388435e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

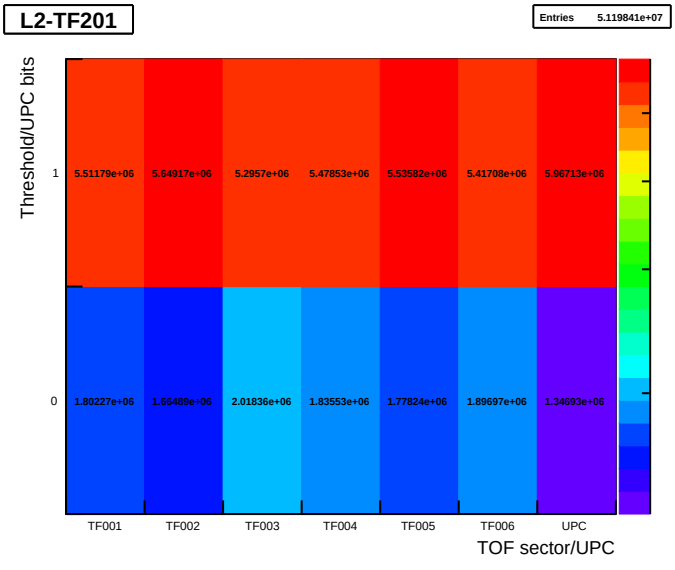

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

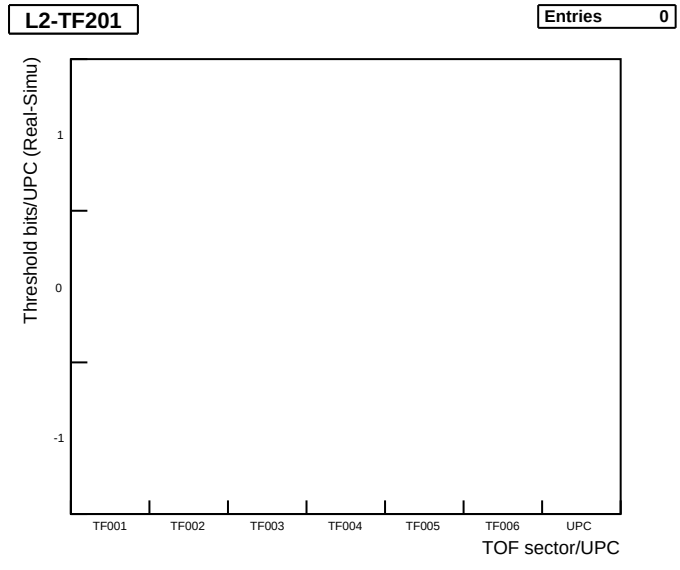

MIX-TF101
Entries 4.388435e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

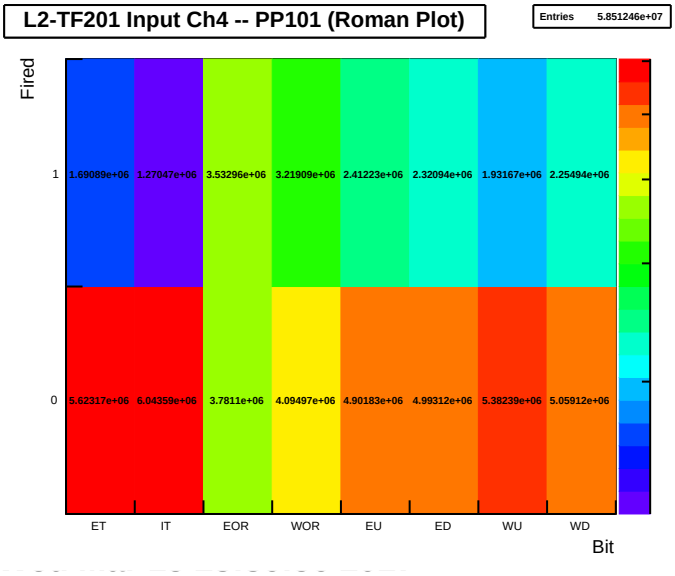

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

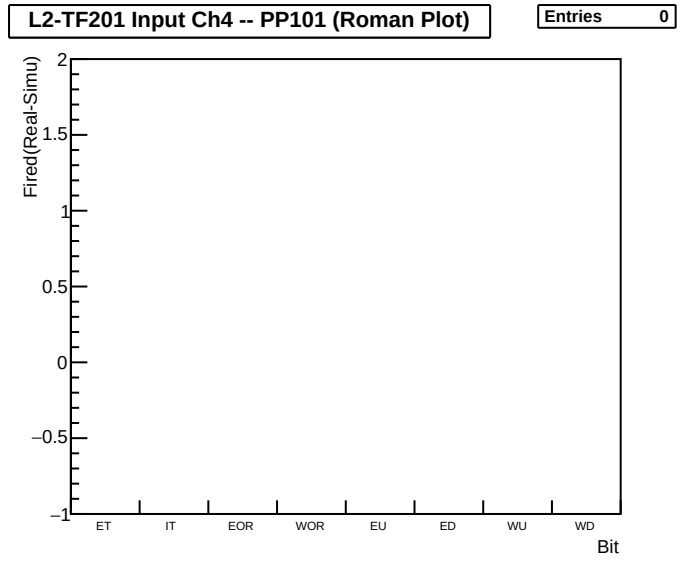

L2-TF201
Entries7314058
TOF total mult

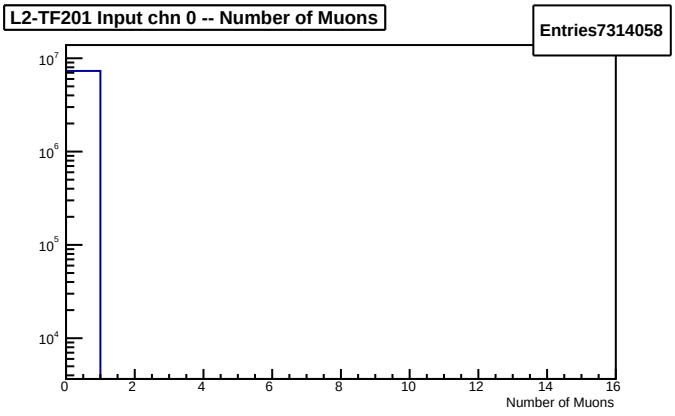

L2-TF201
Entries 0
TOF total mult(Real-Simu)

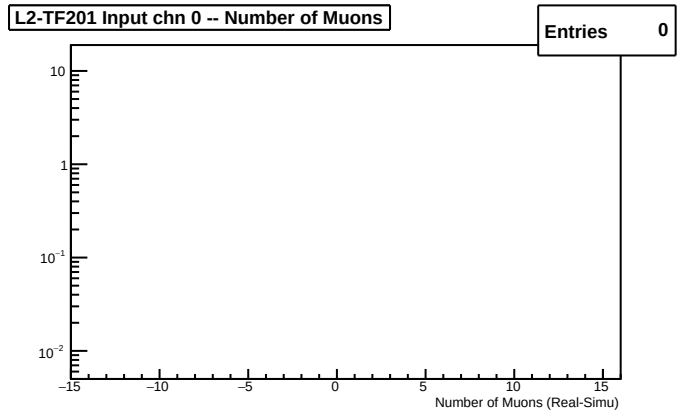

L2-TF201
Entries 5.119841e+07
Threshold/UPC bits
5.51179e+06
5.64917e+06
5.2957e+06
5.47853e+06
5.53582e+06
5.41708e+06
5.96713e+06
1.80227e+06
1.66489e+06
2.01836e+06
1.83553e+06
1.77824e+06
1.89697e+06
1.34693e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

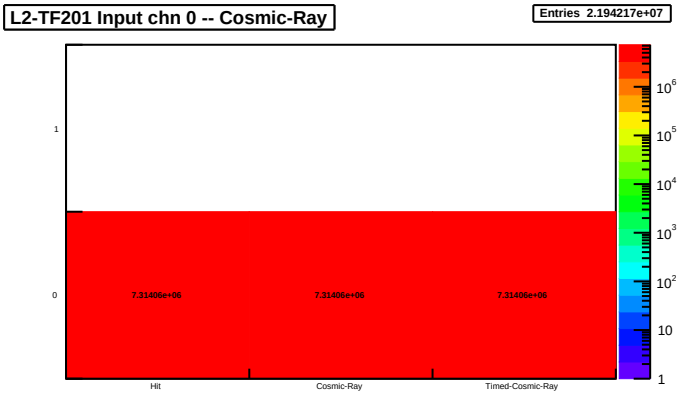

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

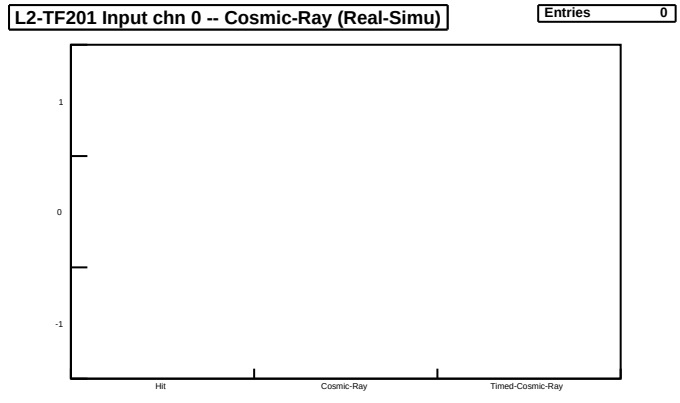

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.851246e+07
Fired
1.69089e+06
1.27047e+06
3.53296e+06
3.21909e+06
2.41223e+06
2.32094e+06
1.93167e+06
2.25494e+06
5.62317e+06
6.04359e+06
3.7811e+06
4.09497e+06
4.90183e+06
4.99312e+06
5.38239e+06
5.05912e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

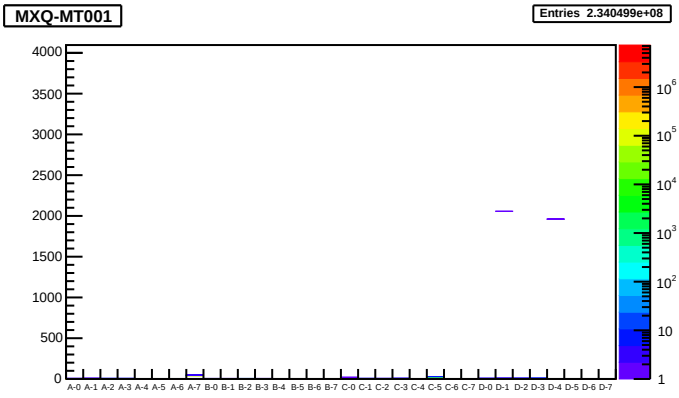

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

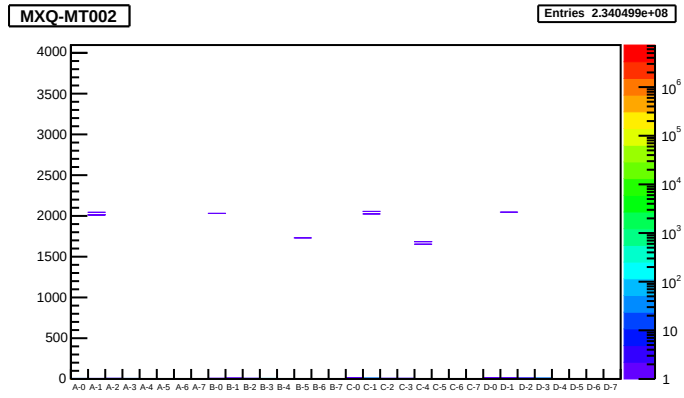

L2-TF201 Input chn 0 -- Number of Muons
Entries7314058
Number of Muons

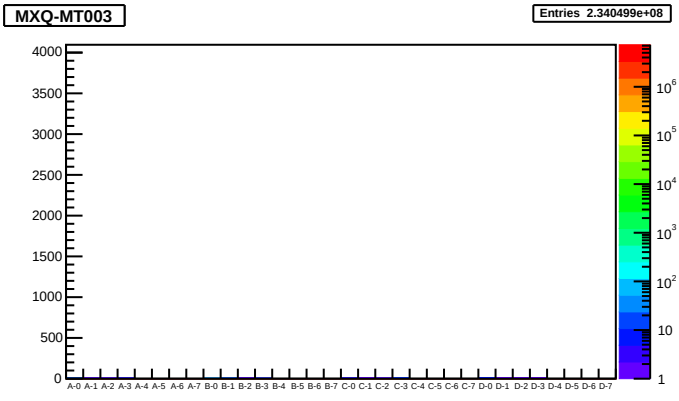

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

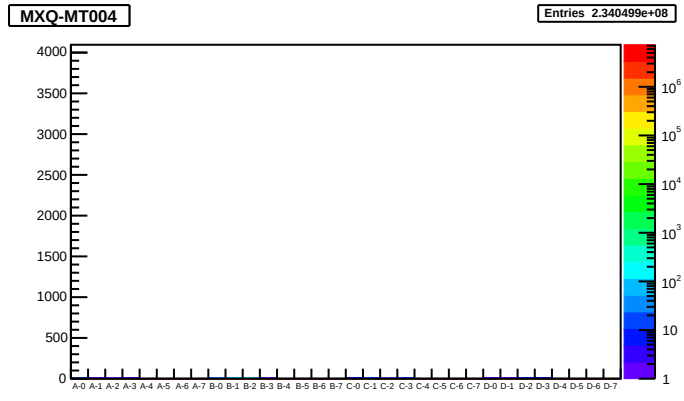

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.194217e+07
7.31406e+06
7.31406e+06
7.31406e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

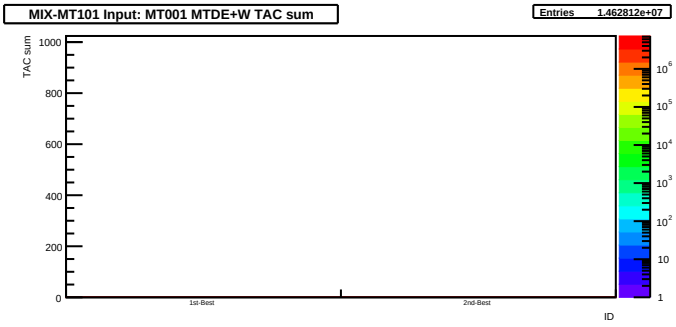

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

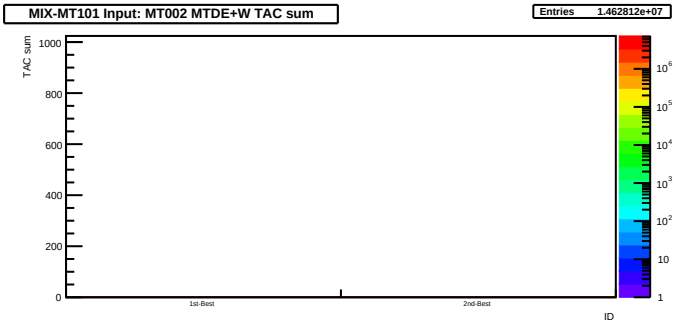

MXQ-MT001
Entries 2.340499e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

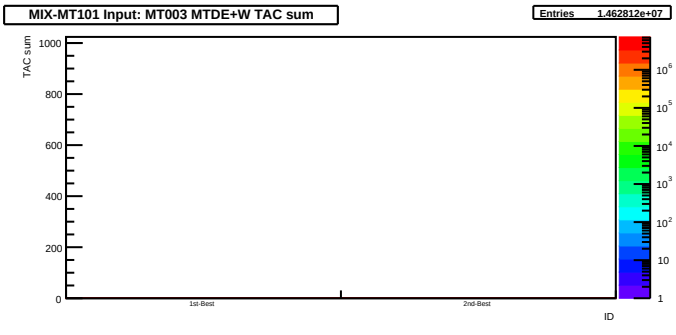

MXQ-MT002
Entries 2.340499e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

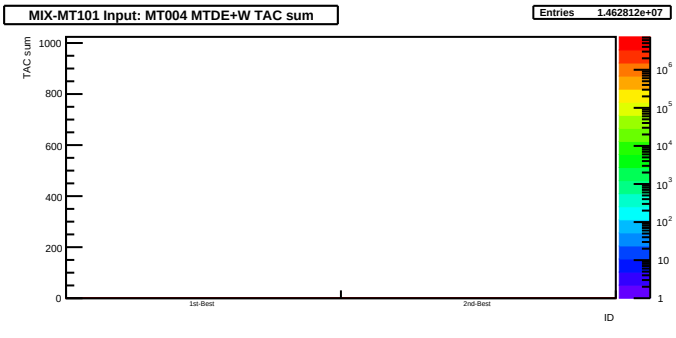

MXQ-MT003
Entries 2.340499e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

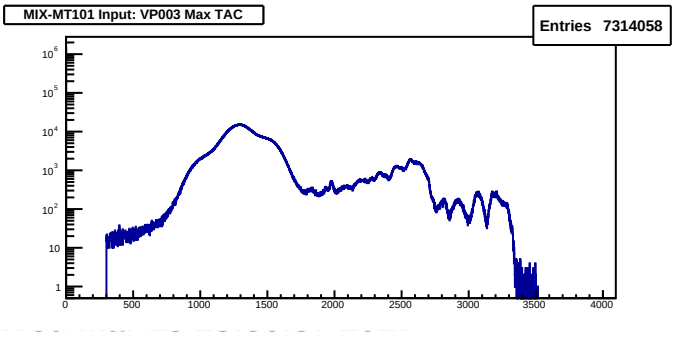

MXQ-MT004
Entries 2.340499e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

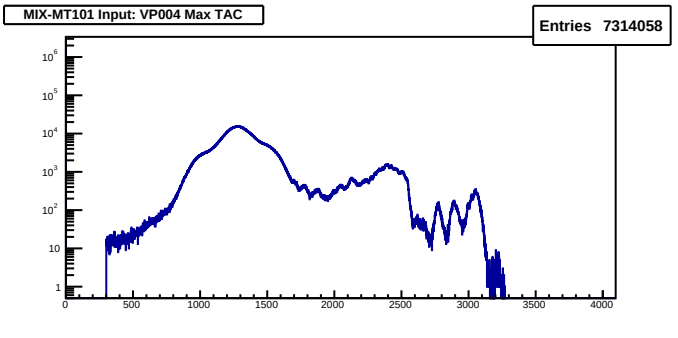

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.462812e+07
TAC sum
1st-Best
2nd-Best
ID

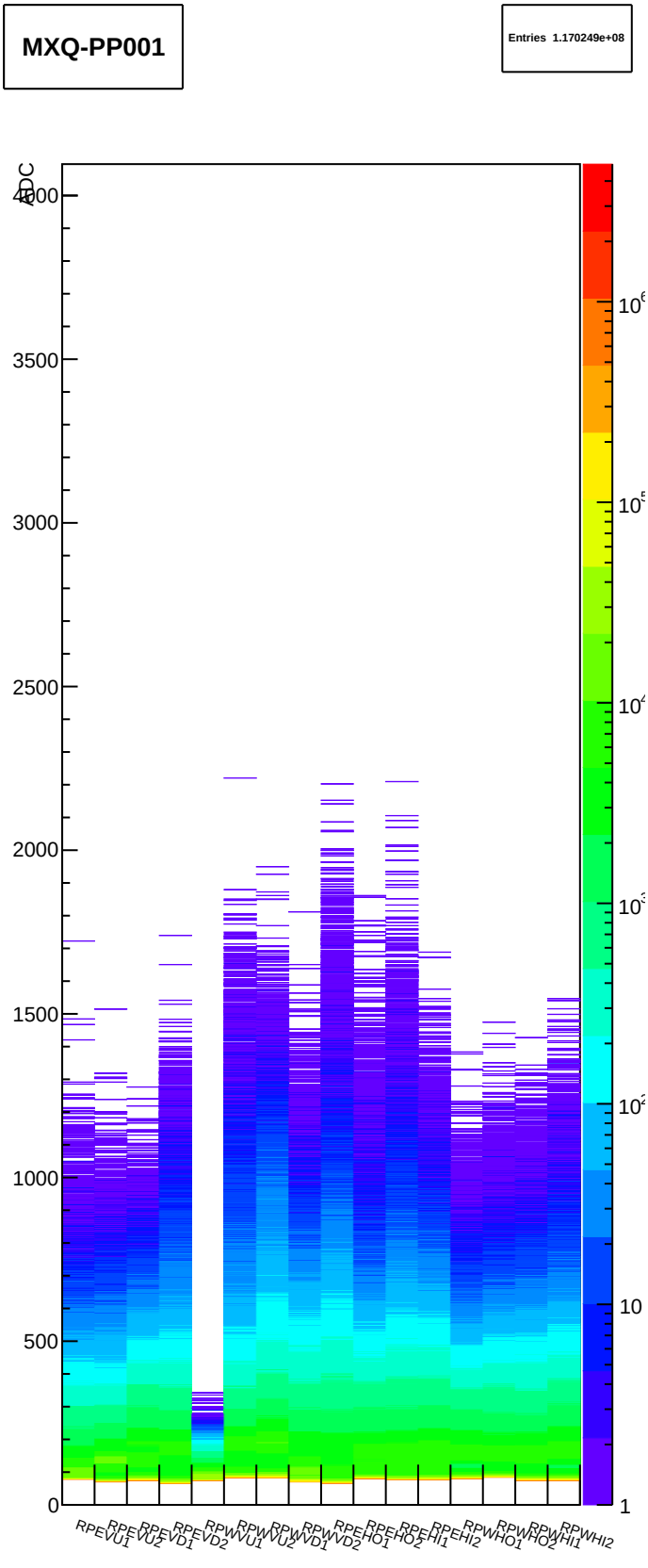

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.462812e+07
TAC sum
1st-Best
2nd-Best
ID

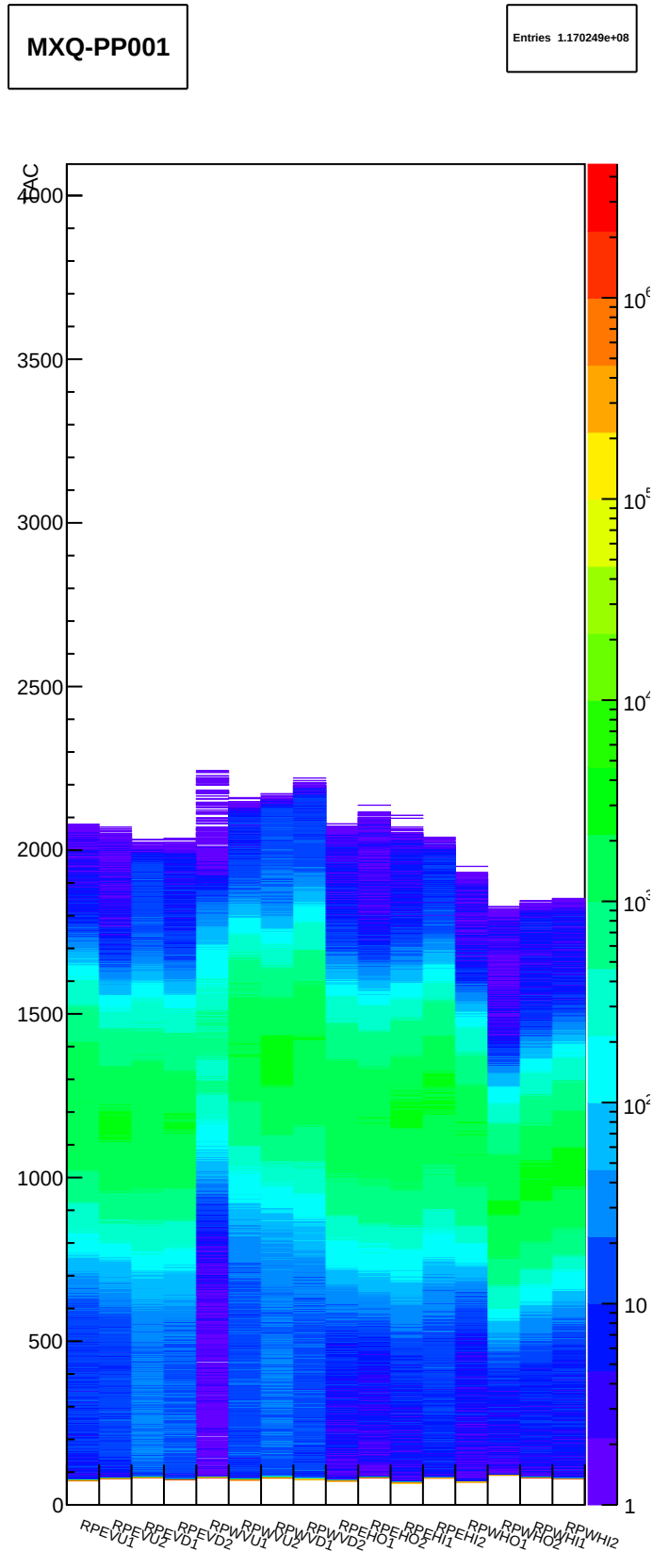

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.462812e+07
TAC sum
1st-Best
2nd-Best
ID

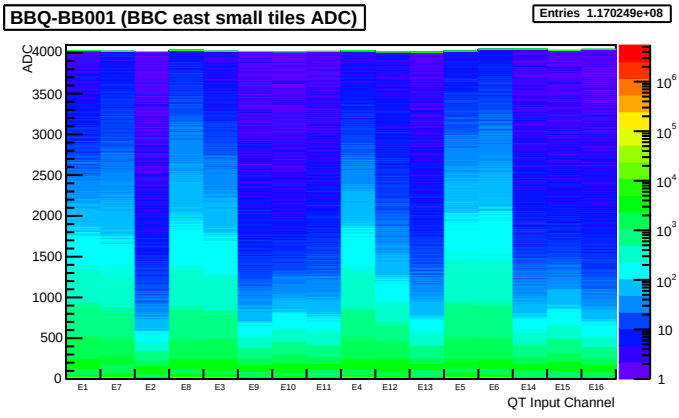

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.462812e+07
TAC sum
1st-Best
2nd-Best
ID

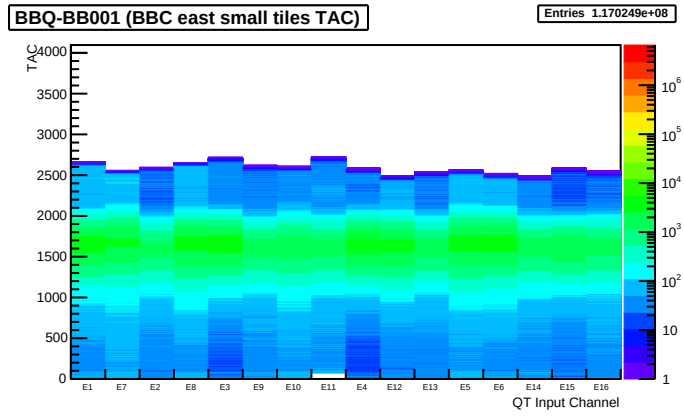

MIX-MT101 Input: VP003 Max TAC
Entries 7314058

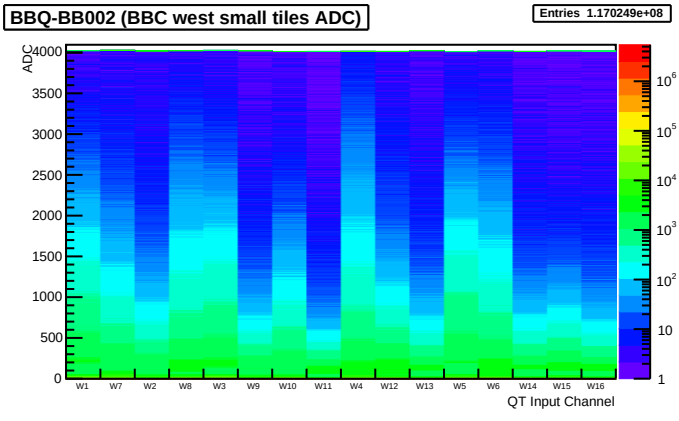

MIX-MT101 Input: VP004 Max TAC
Entries 7314058

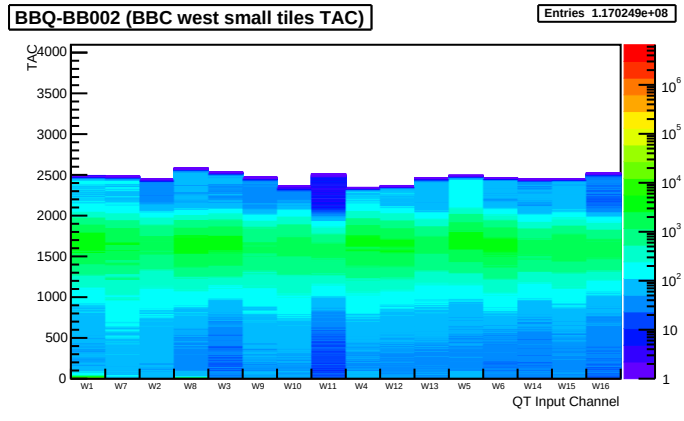

MXQ-PP001
Entries 1.170249e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

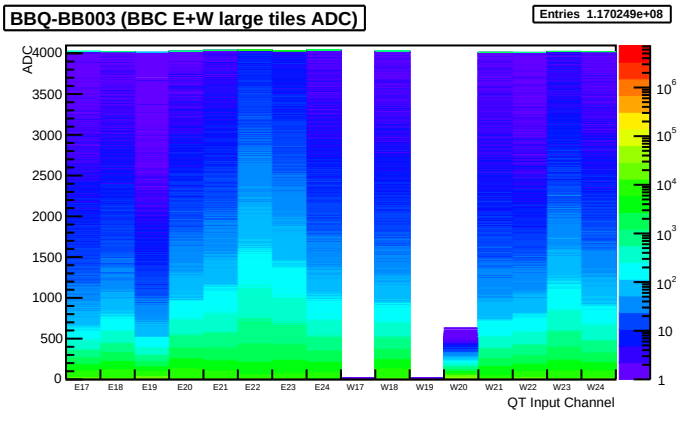

MXQ-PP001
Entries 1.170249e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

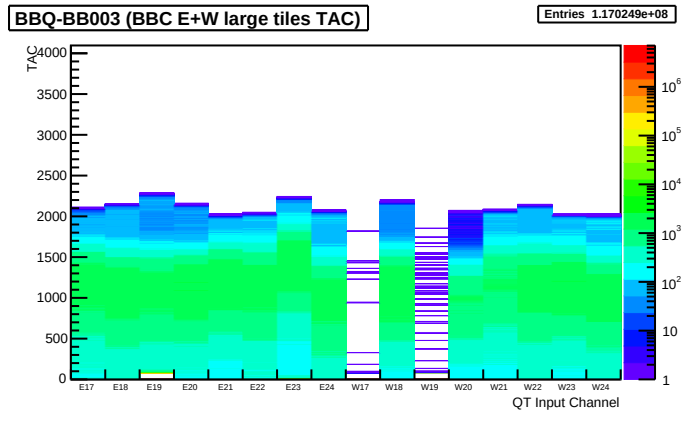

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.170249e+08
ADC
QT Input Channel

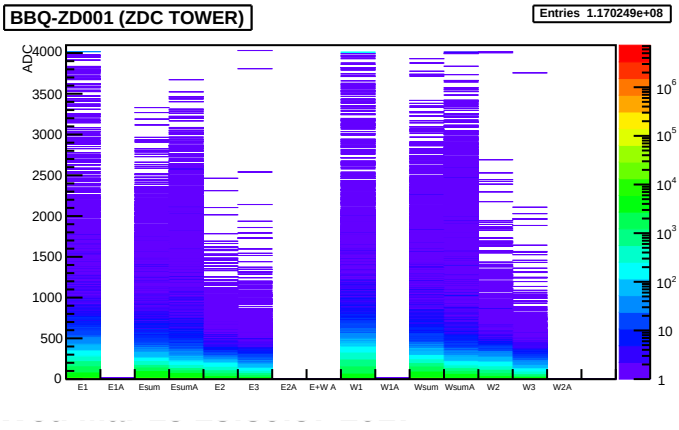

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.170249e+08
TAC
QT Input Channel

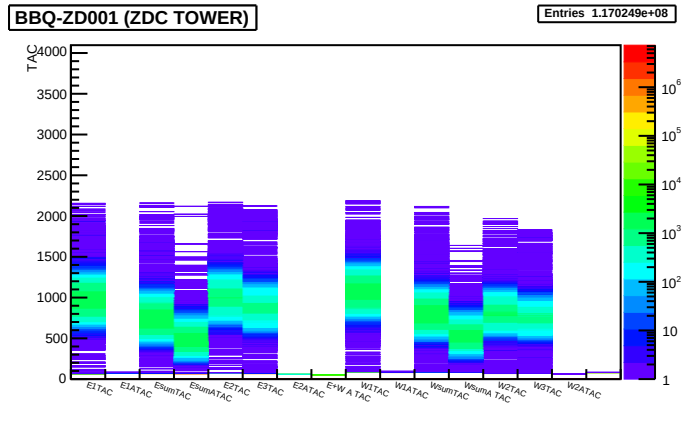

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.170249e+08
ADC
QT Input Channel

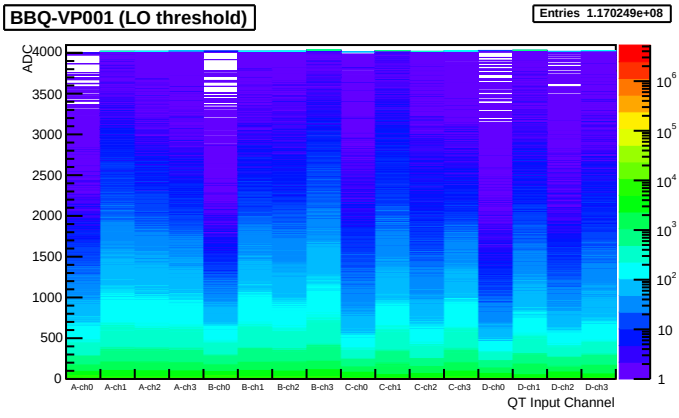

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.170249e+08
TAC
QT Input Channel

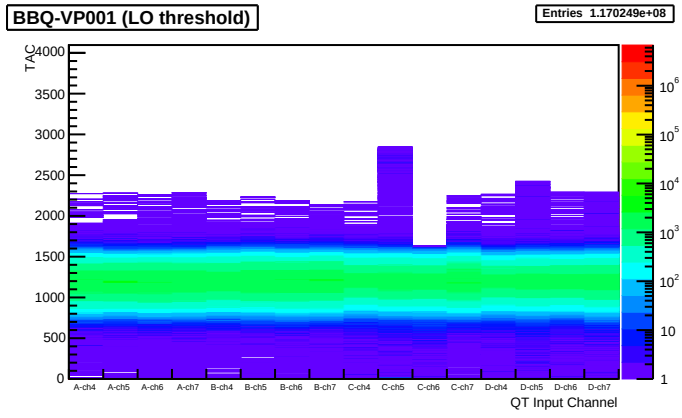

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.170249e+08
ADC
QT Input Channel

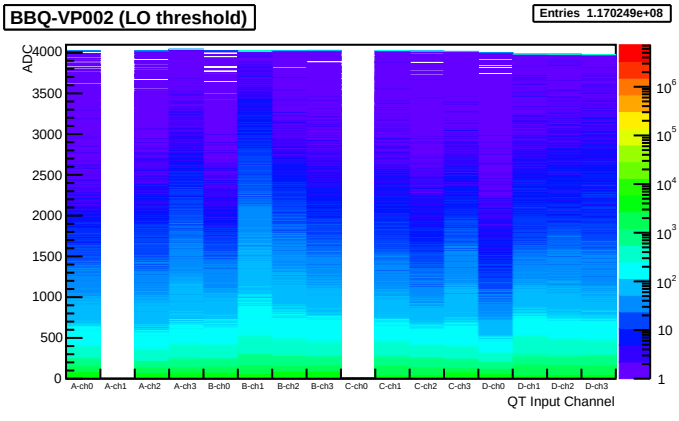

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.170249e+08
TAC
QT Input Channel

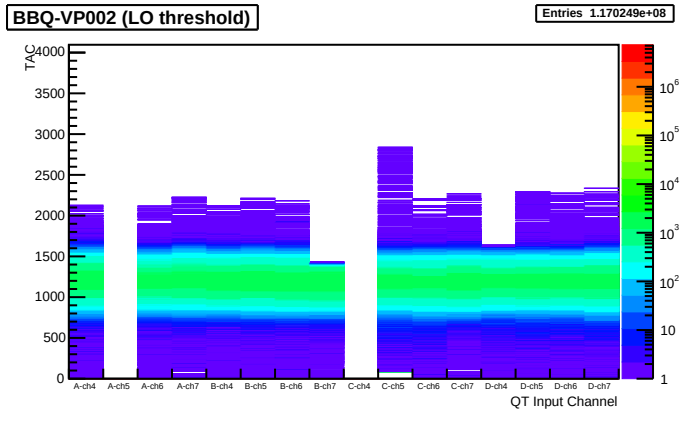

BBQ-ZD001 (ZDC TOWER)
Entries 1.170249e+08
ADC

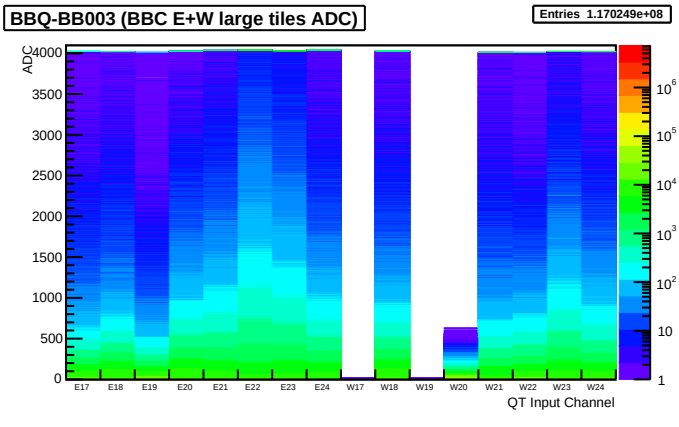

BBQ-ZD001 (ZDC TOWER)
Entries 1.170249e+08
TAC

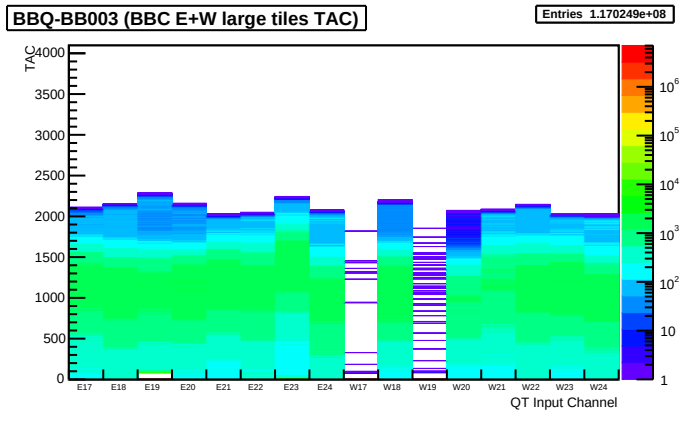

BBQ-VP001 (LO threshold)
Entries 1.170249e+08
ADC
QT Input Channel

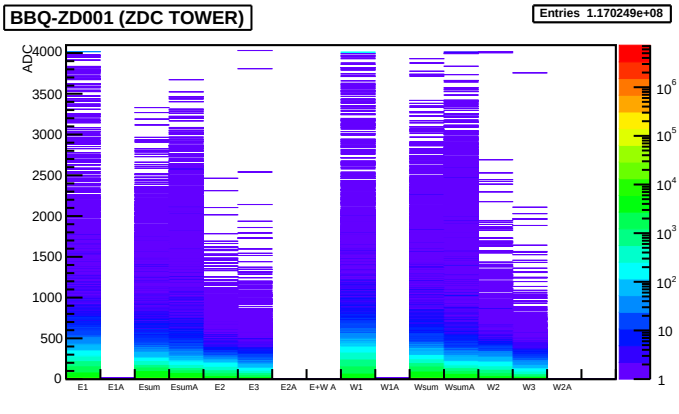

BBQ-VP001 (LO threshold)
Entries 1.170249e+08
TAC
QT Input Channel

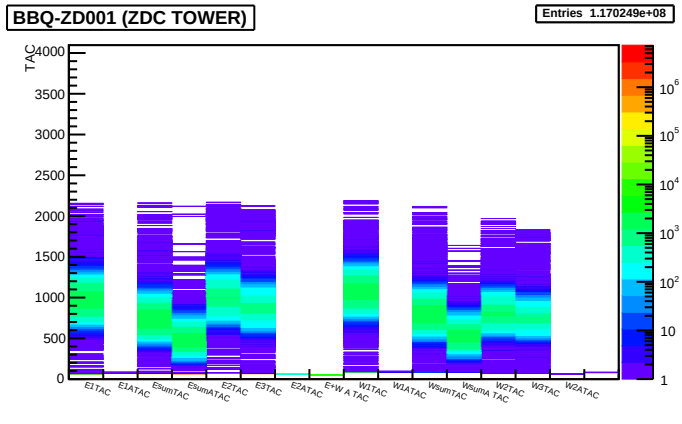

BBQ-VP002 (LO threshold)
Entries 1.170249e+08
ADC
QT Input Channel

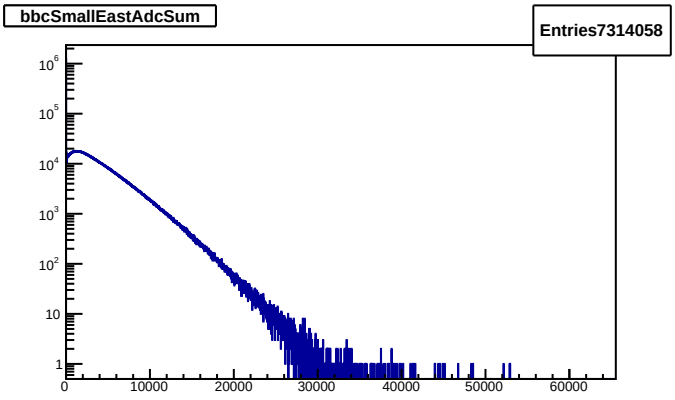

BBQ-VP002 (LO threshold)
Entries 1.170249e+08
TAC
QT Input Channel

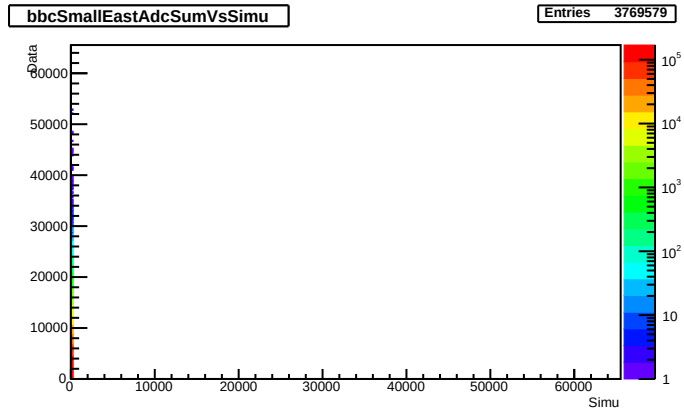

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.170249e+08
ADC
QT Input Channel

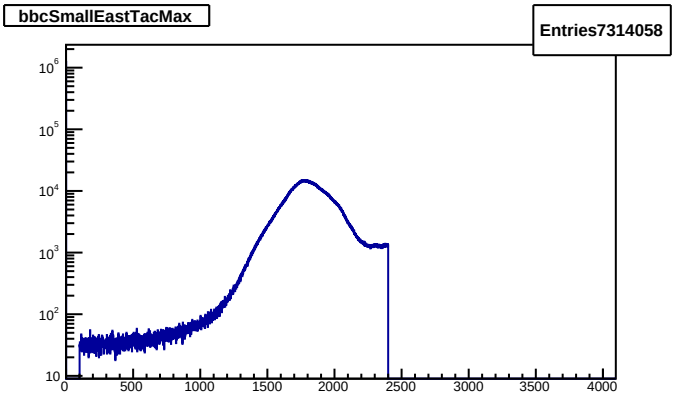

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.170249e+08
TAC
QT Input Channel

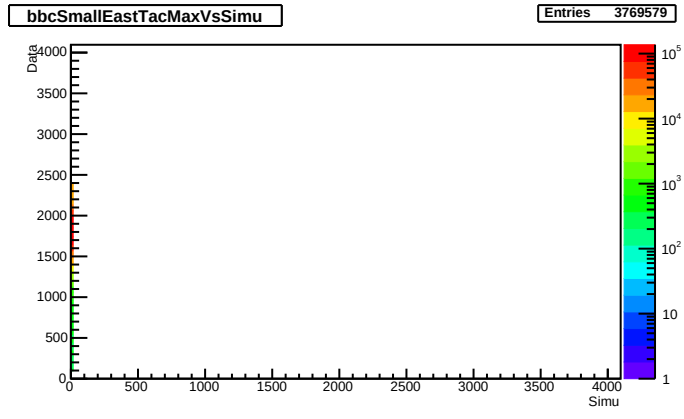

BBQ-ZD001 (ZDC TOWER)
Entries 1.170249e+08
ADC

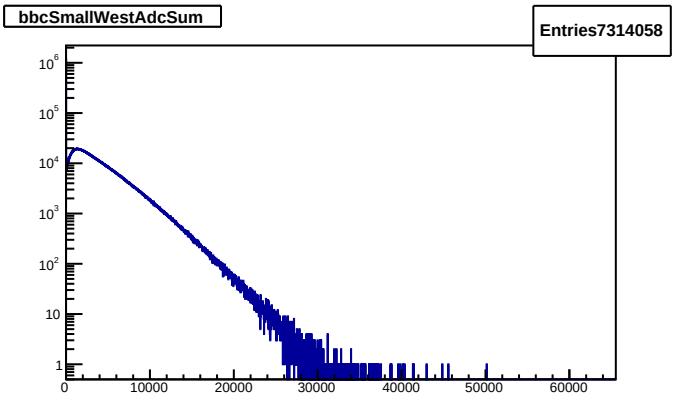

BBQ-ZD001 (ZDC TOWER)
Entries 1.170249e+08
TAC

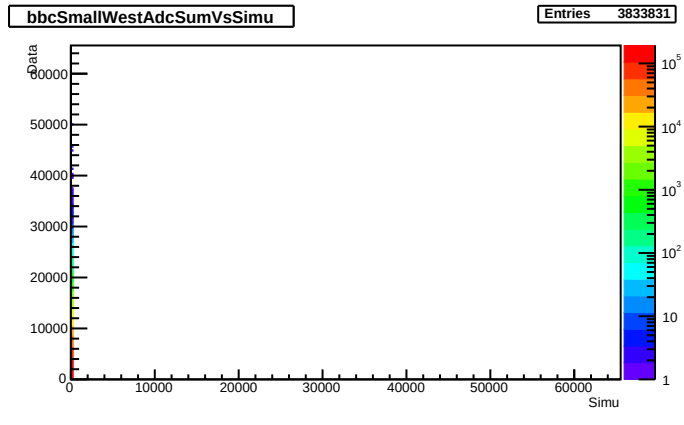

bbcSmallEastAdcSum
Entries7314058

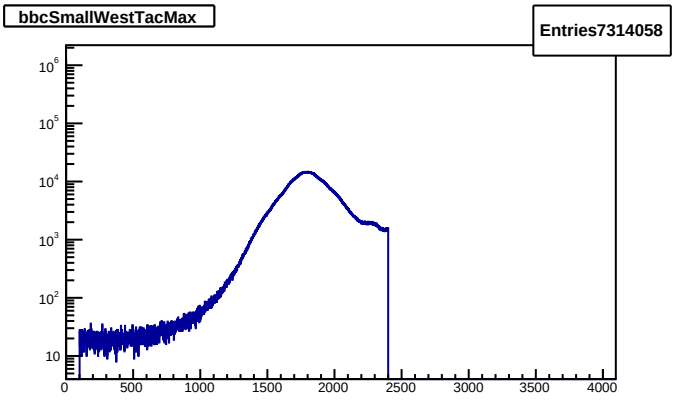

bbcSmallEastAdcSumVsSimu
Entries 3769579
Data
Simu

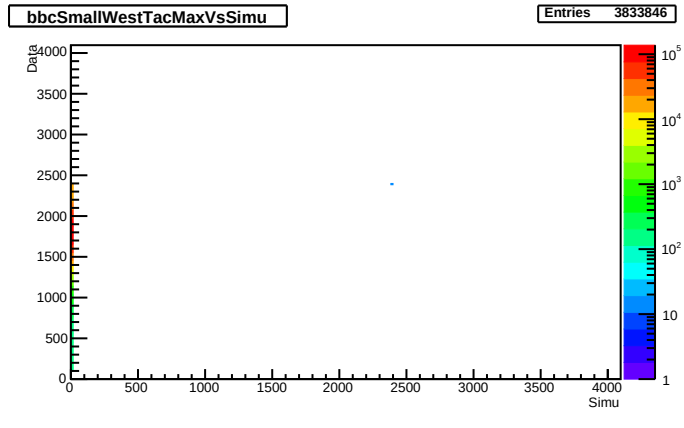

bbcSmallEastTacMax
Entries7314058

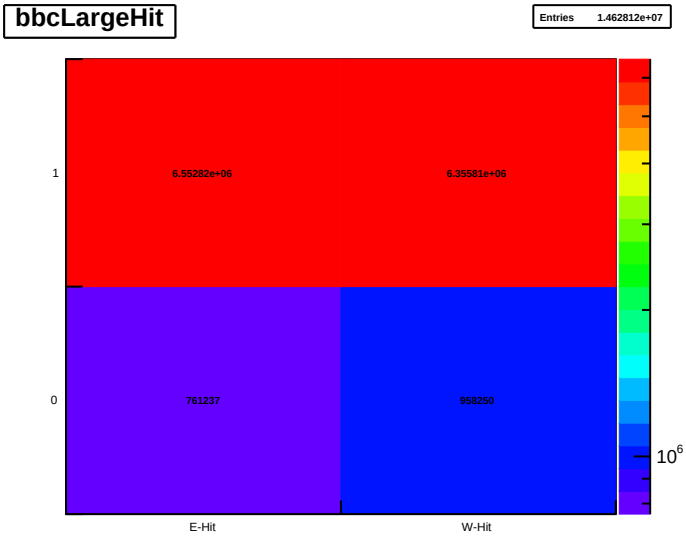

bbcSmallEastTacMaxVsSimu
Entries 3769579
Data
Simu

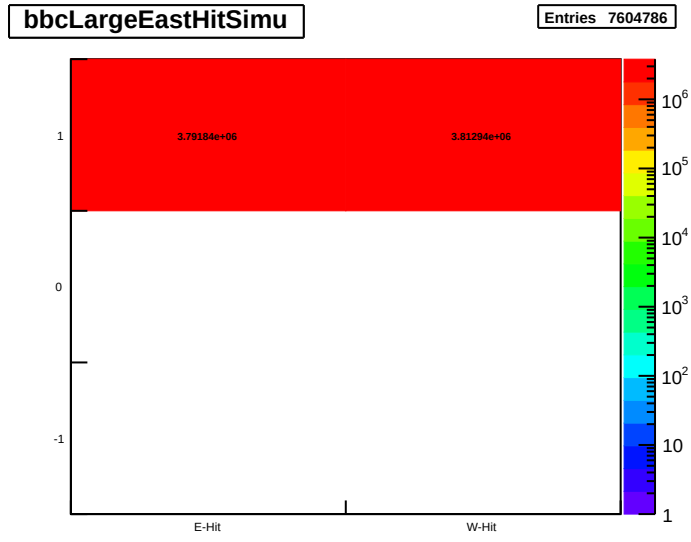

bbcSmallWestAdcSum
Entries7314058

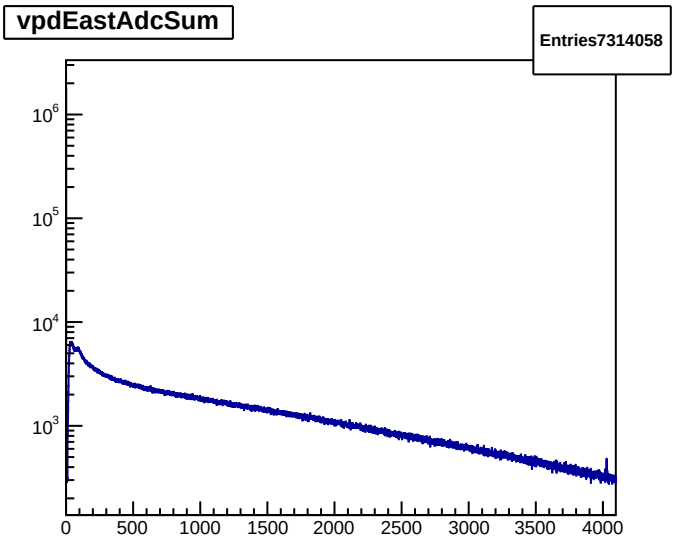

bbcSmallWestAdcSumVsSimu
Entries 3833831
Data
Simu

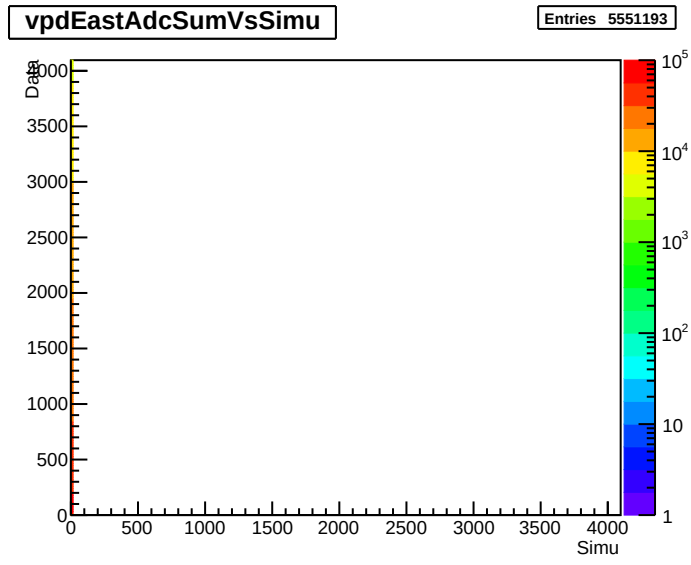

bbcSmallWestTacMax
Entries7314058

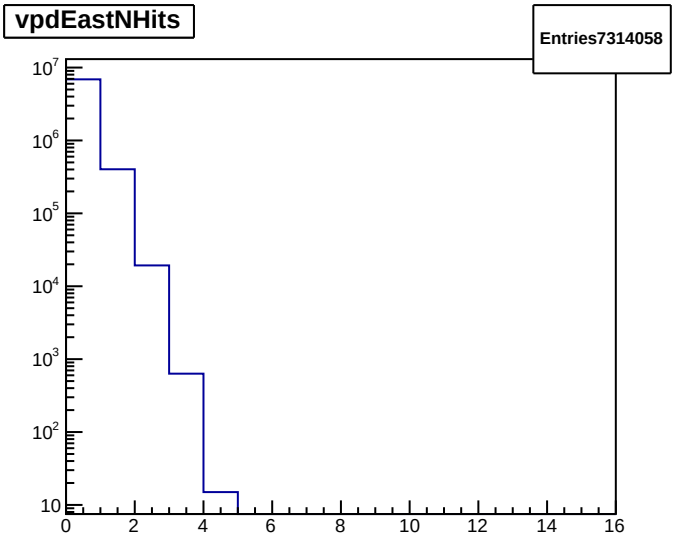

bbcSmallWestTacMaxVsSimu
Entries 3833846
Data
Simu

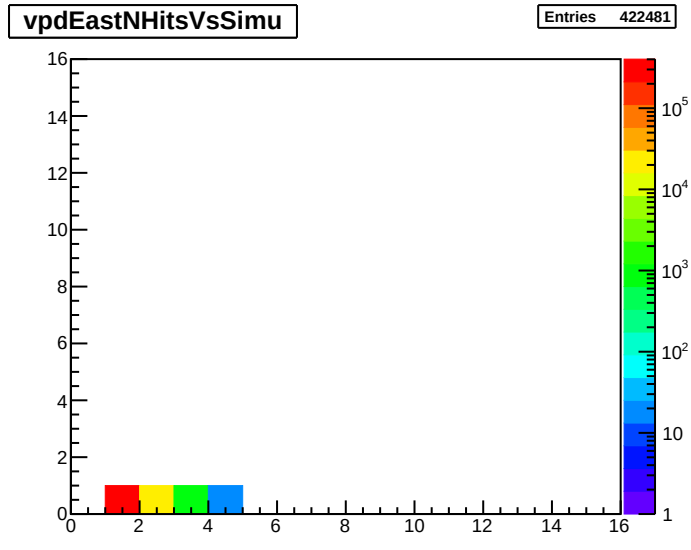

bbcLargeHit
Entries 1.462812e+07
1
0
6.55282e+06
6.35581e+06
761237
958250
E-Hit
W-Hit
10^6

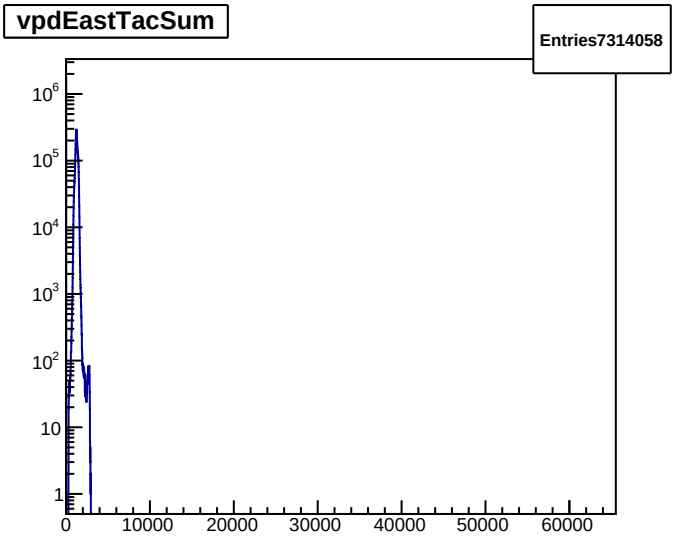

bbcLargeEastHitSimu
Entries 7604786
1
0
-1
3.79184e+06
3.81294e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

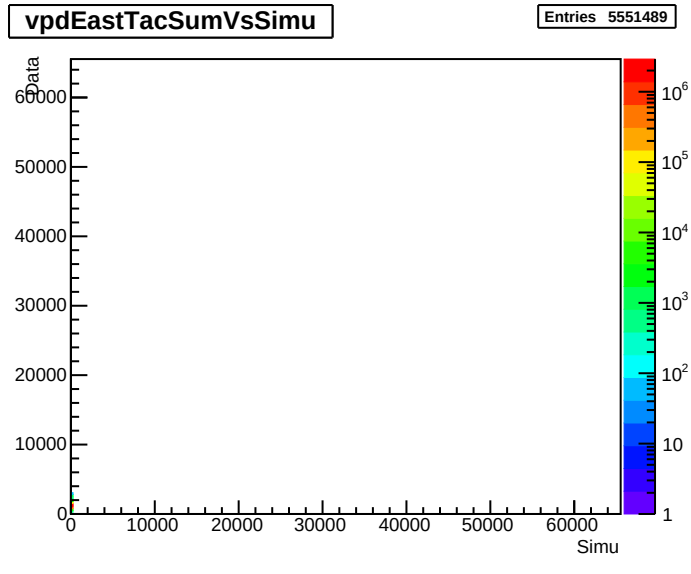

vpdEastAdcSum
Entries7314058

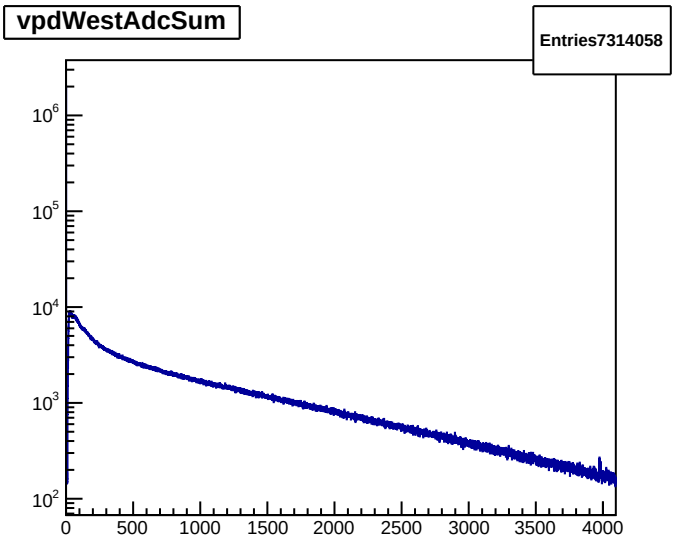

vpdEastAdcSumVsSimu
Entries 5551193
Data
Simu

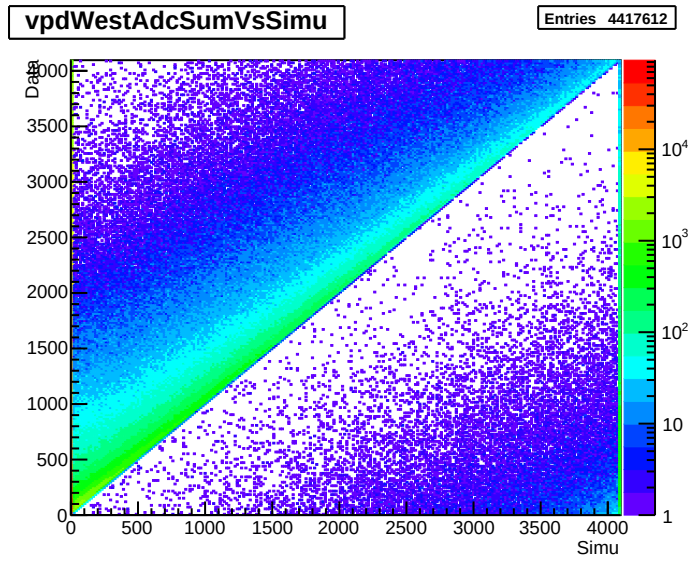

vpdEastNHits
Entries7314058

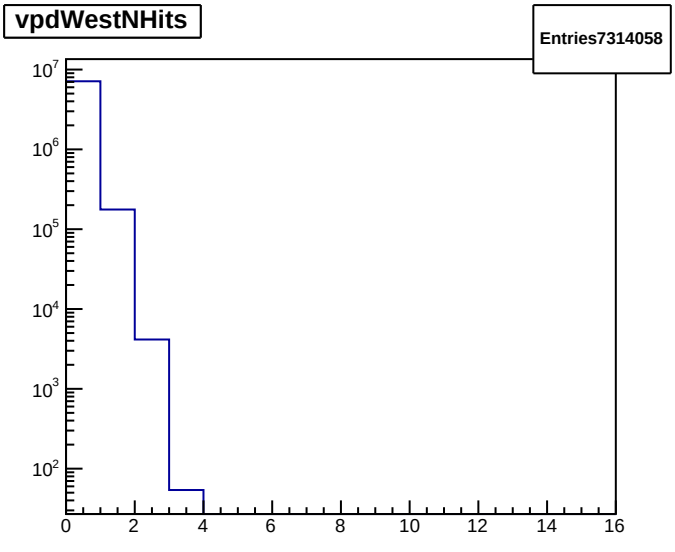

vpdEastNHitsVsSimu
Entries 422481

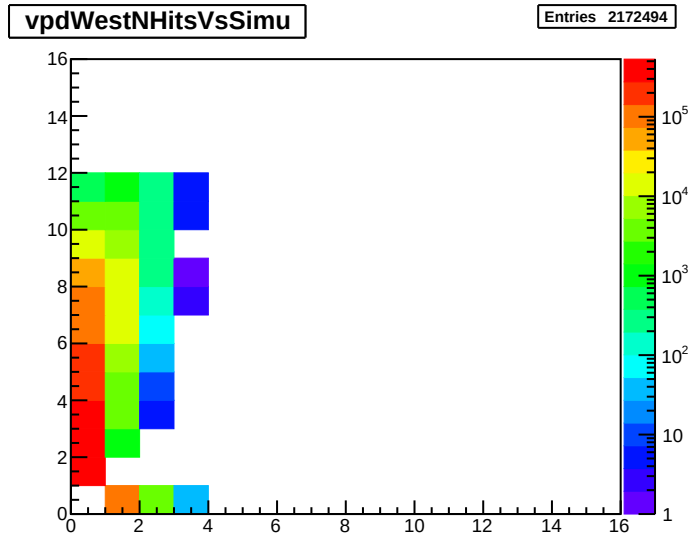

vpdEastTacSum
Entries7314058

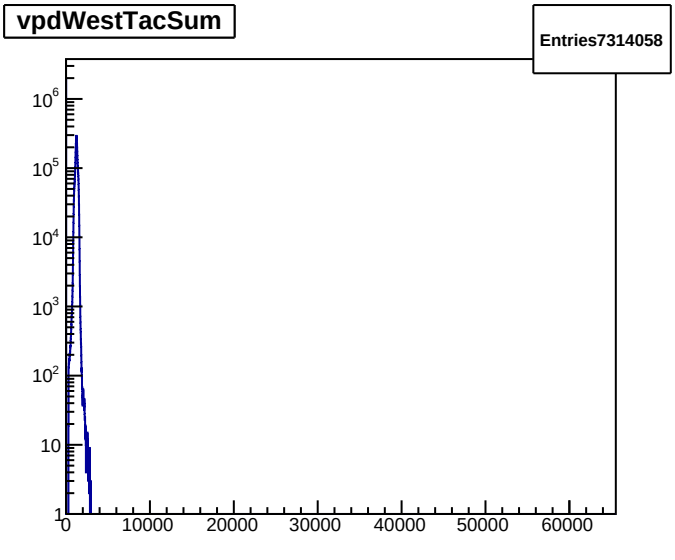

vpdEastTacSumVsSimu
Entries 5551489
Data
Simu

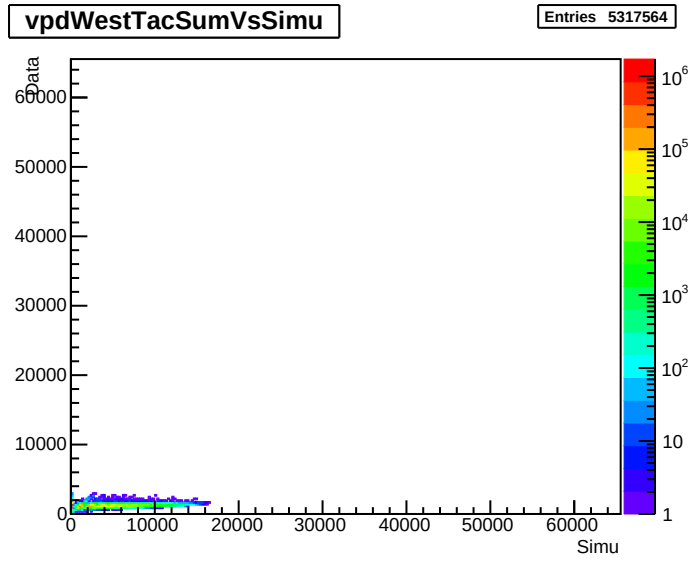

vpdWestAdcSum
Entries7314058

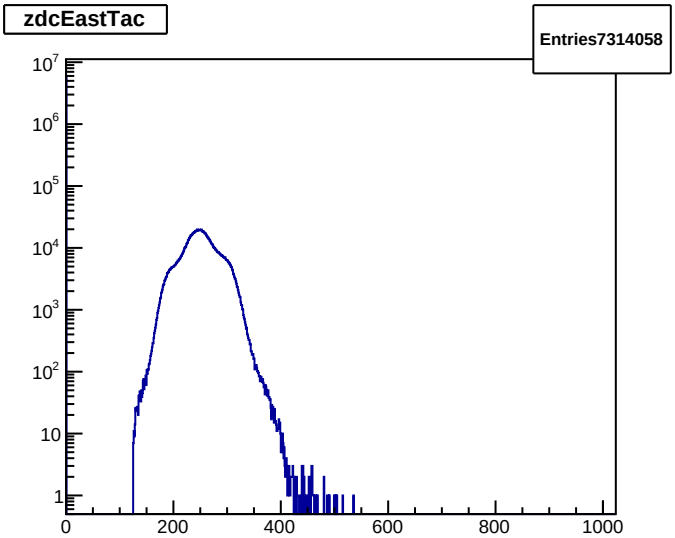

vpdWestAdcSumVsSimu
Entries 4417612
Data
Simu

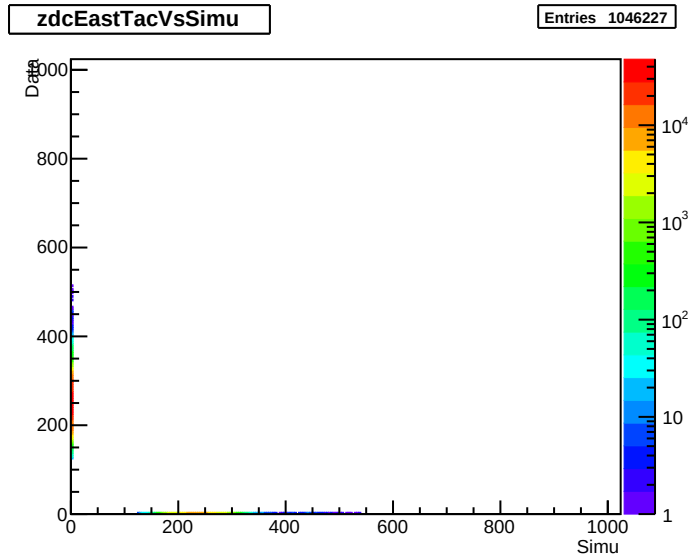

vpdWestNHits
Entries7314058

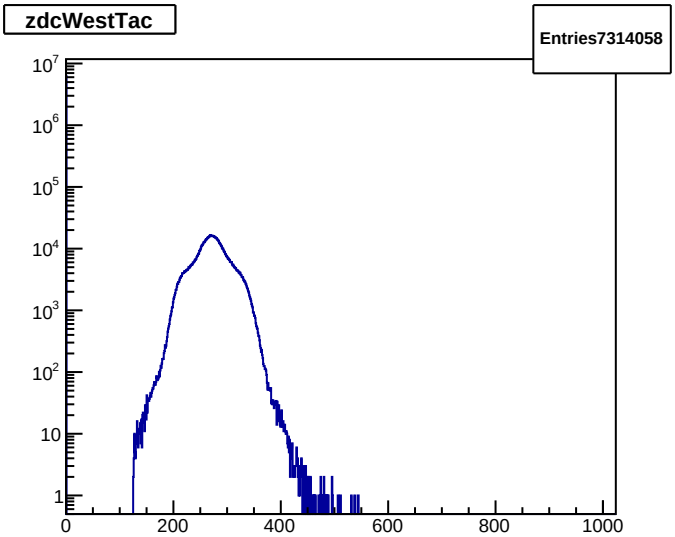

vpdWestNHitsVsSimu
Entries 2172494

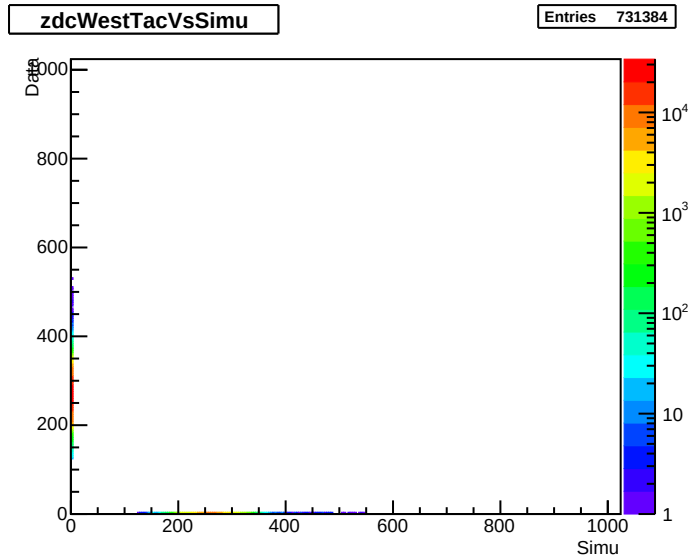

vpdWestTacSum
Entries7314058

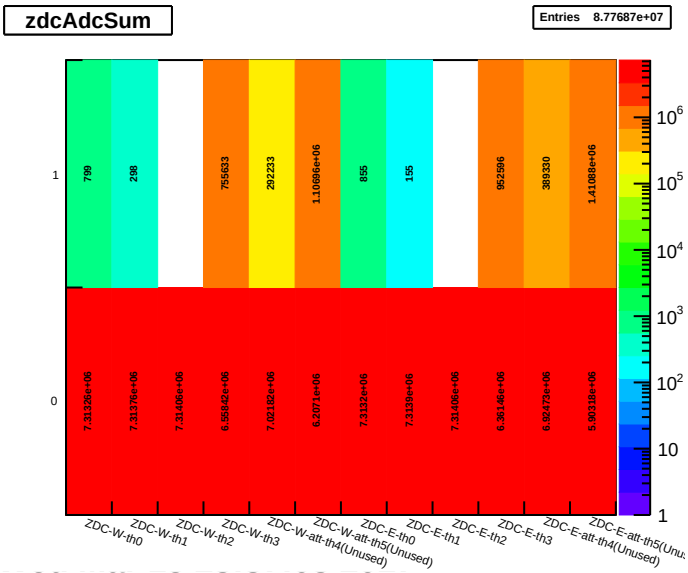

vpdWestTacSumVsSimu
Entries 5317564
Data
Simu

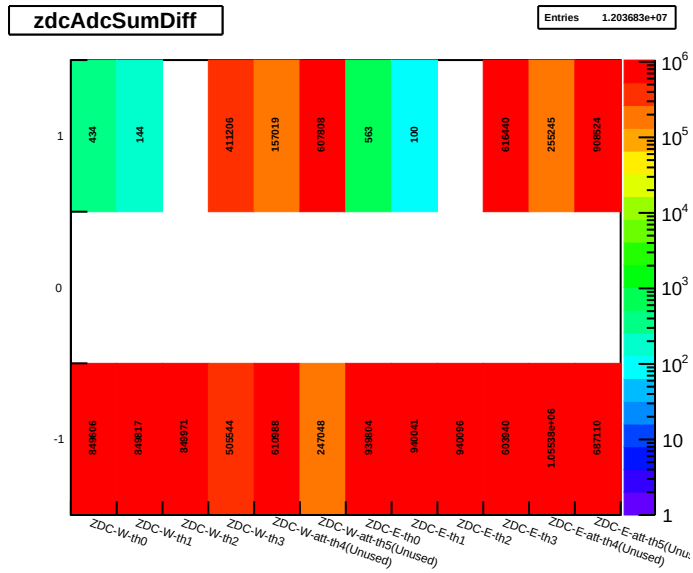

zdcEastTac
Entries7314058

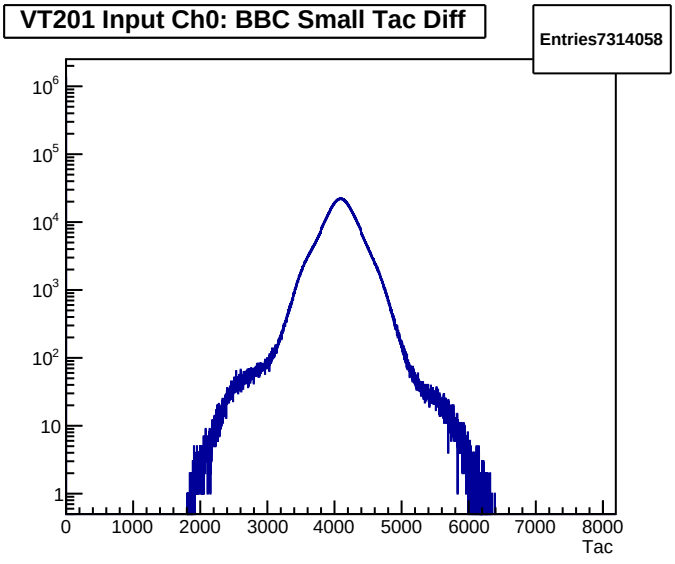

zdcEastTacVsSimu
Entries 1046227
Data
Simu

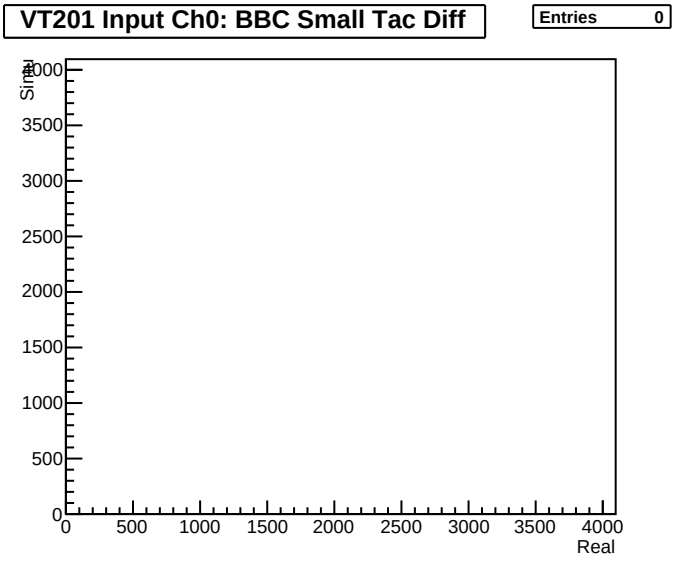

zdcWestTac
Entries7314058

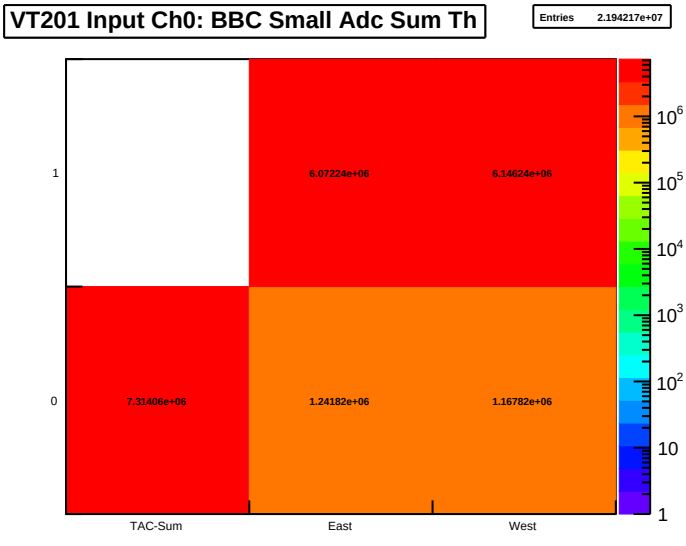

zdcWestTacVsSimu
Entries 731384
Data
Simu

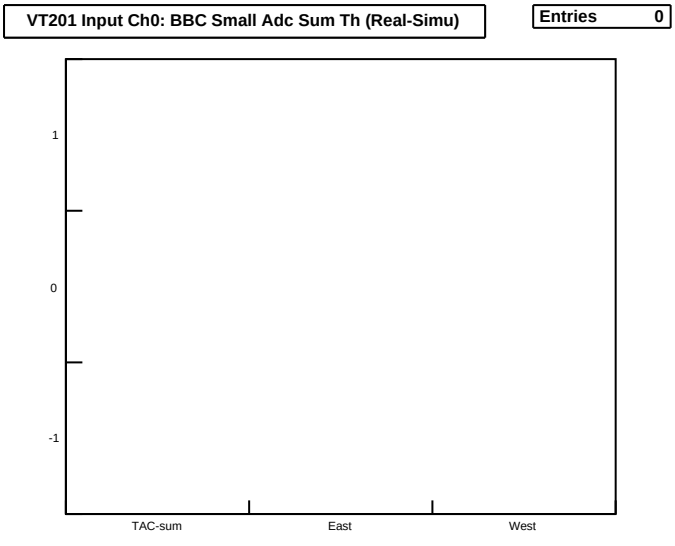

zdcAdcSum
Entries 8.77687e+07
799
298
755633
292233
1.10696e+06
855
155
952596
389330
1.41088e+06
7.31326e+06
7.31376e+06
7.31406e+06
6.55842e+06
7.02182e+06
6.20714e+06
7.3132e+06
7.3139e+06
7.31406e+06
6.36146e+06
6.92473e+06
5.90318e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

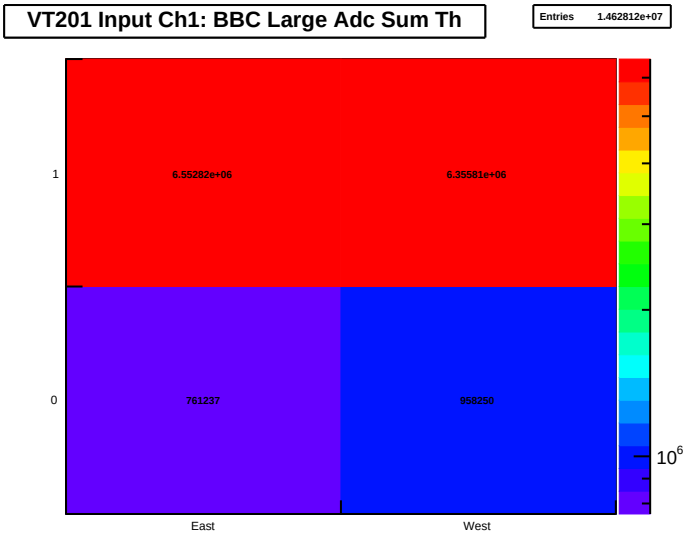

zdcAdcSumDiff
Entries 1.203683e+07
434
144
411206
157019
607808
563
100
616440
255245
908524
849606
848817
849971
505544
610988
247048
938804
940041
940096
603940
1.05538e+06
687110
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

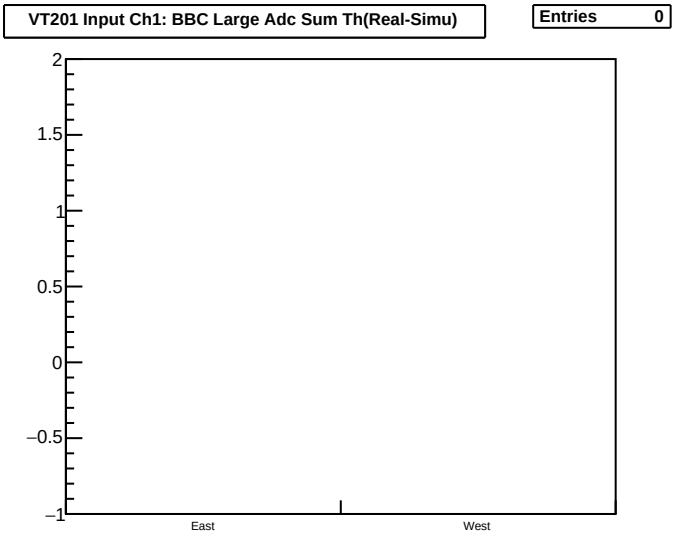

VT201 Input Ch0: BBC Small Tac Diff
Entries7314058
Tac


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

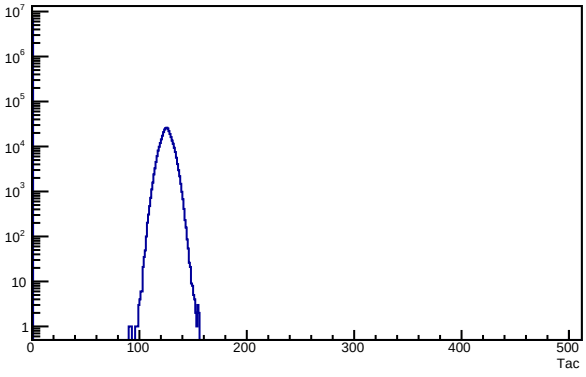

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.194217e+07
6.07224e+06
6.14624e+06
7.31406e+06
1.24182e+06
1.16782e+06
TAC-Sum
East
West


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

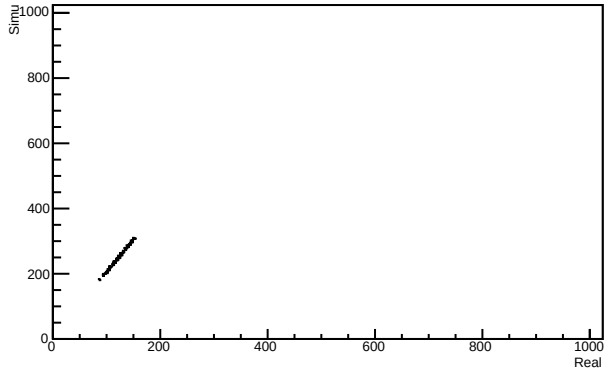

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.462812e+07
6.55282e+06
6.35581e+06
761237
958250
East
West


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

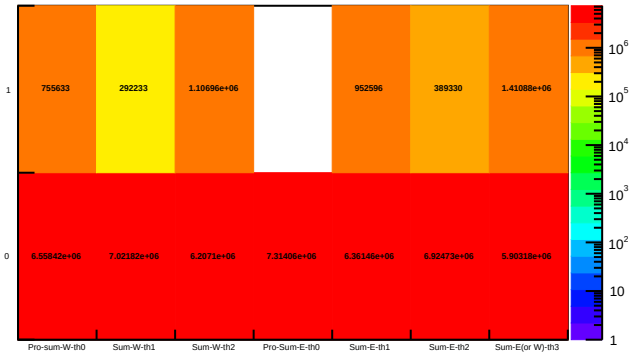
VT201 Input Ch2: ZDC Tac Diff



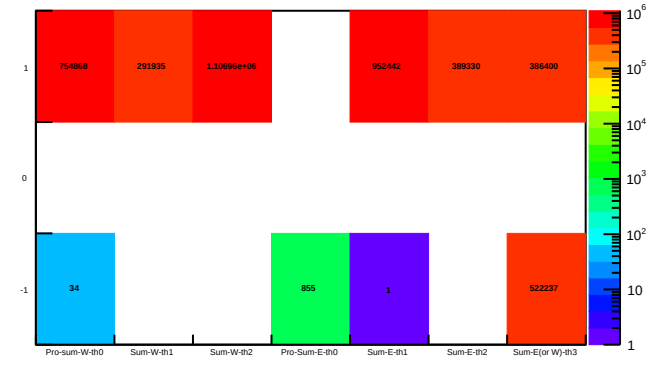
VT201 Input Ch2: ZDC Tac Diff



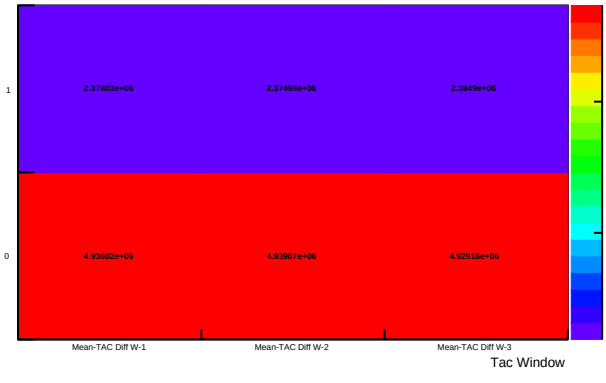
VT201 Input Ch2: ZDC Adc Sum Th



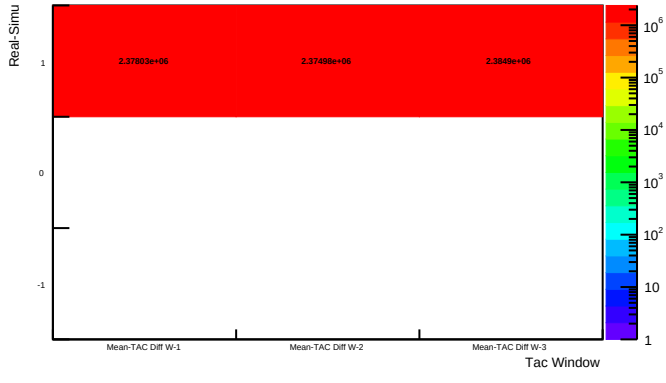
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



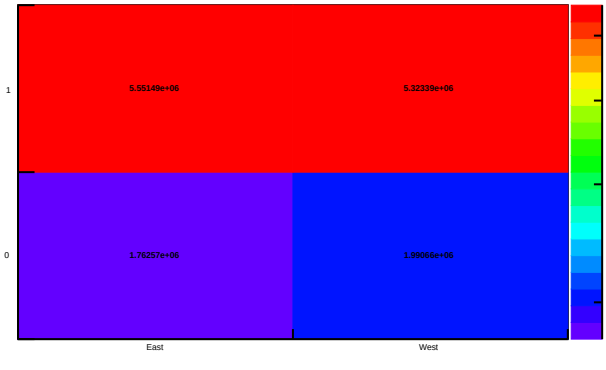
VT201 Input Ch4: VPD Tac Diff



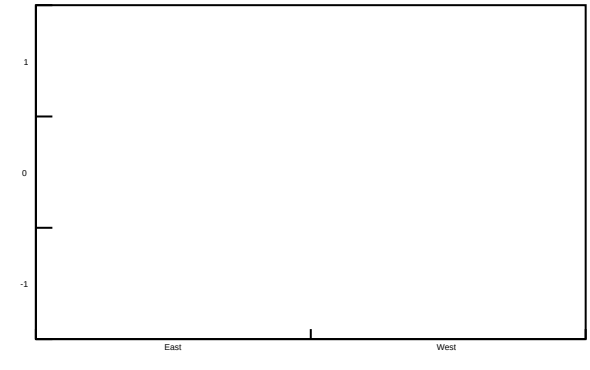
VT201 Input Ch4: VPD Tac Diff

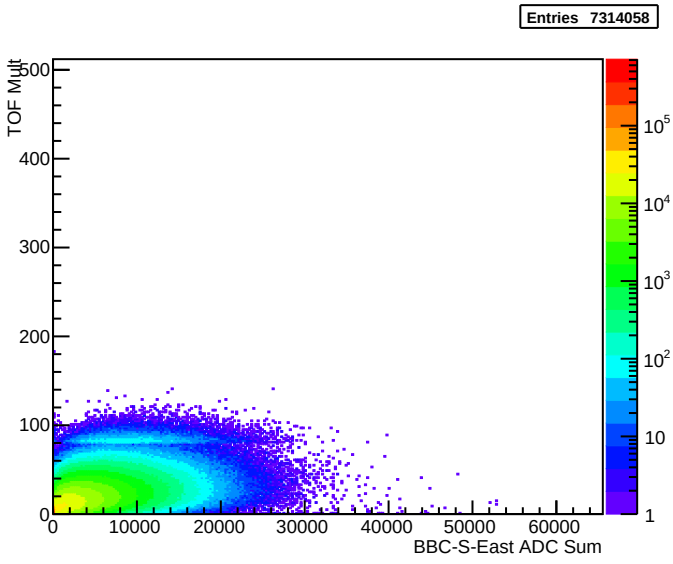


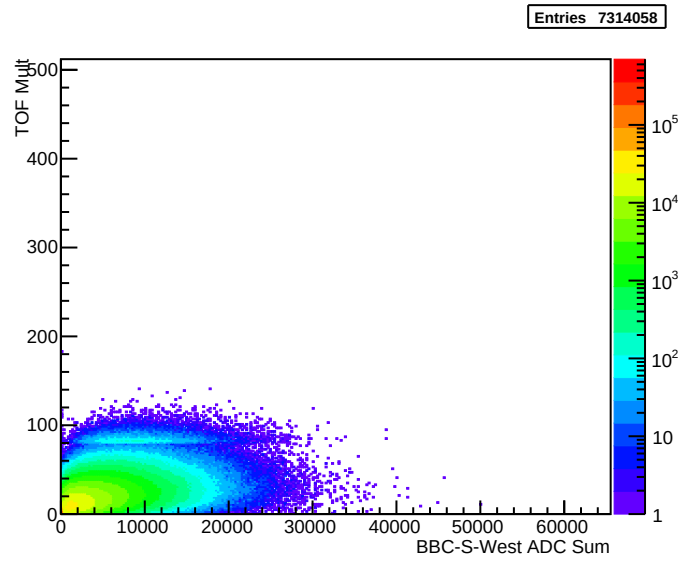
VT201 Input Ch4: VPD Adc Sum Th

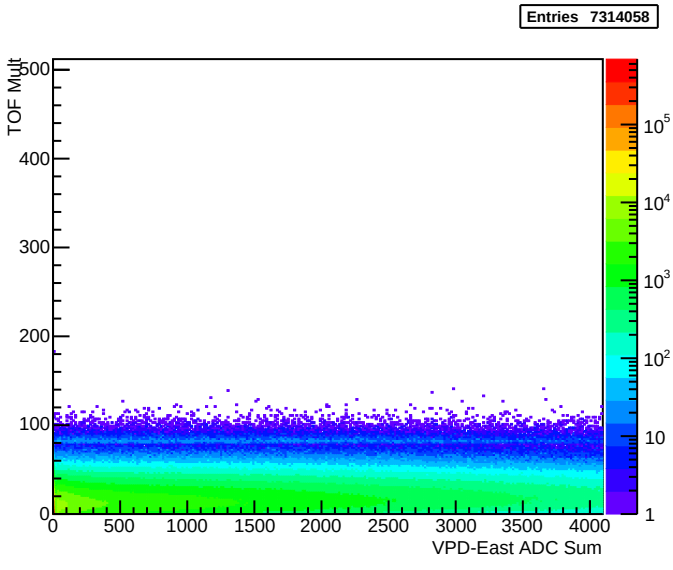


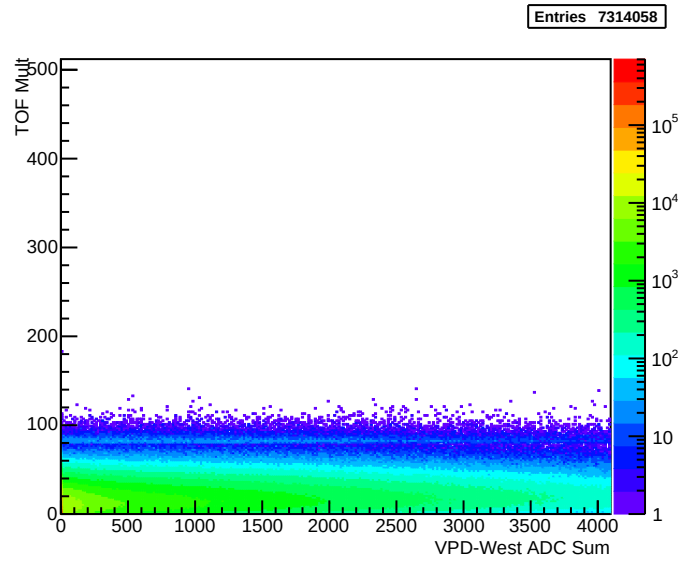
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

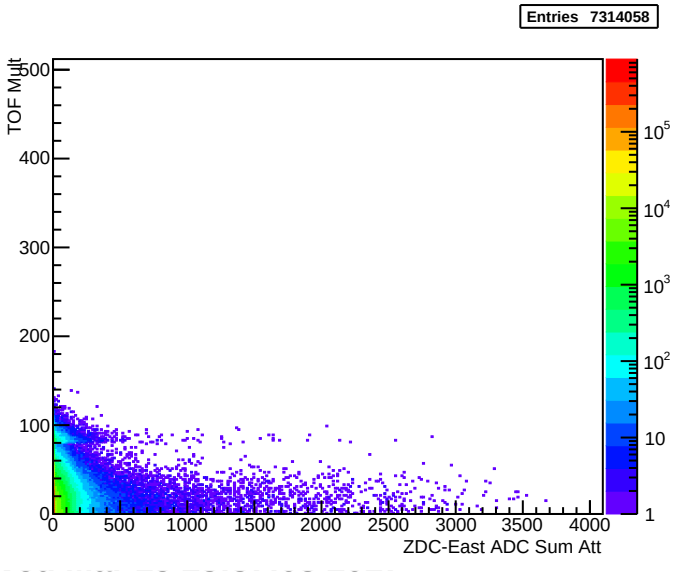


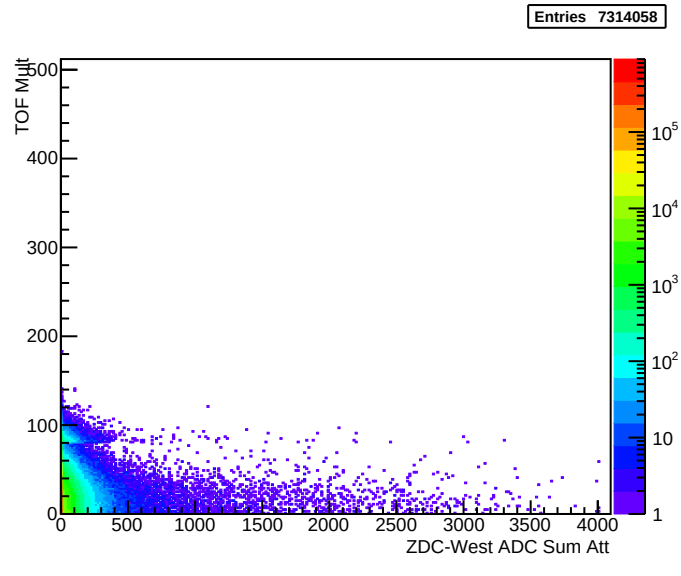

Entries 7314058
TOF Mult
BBC-S-East ADC Sum

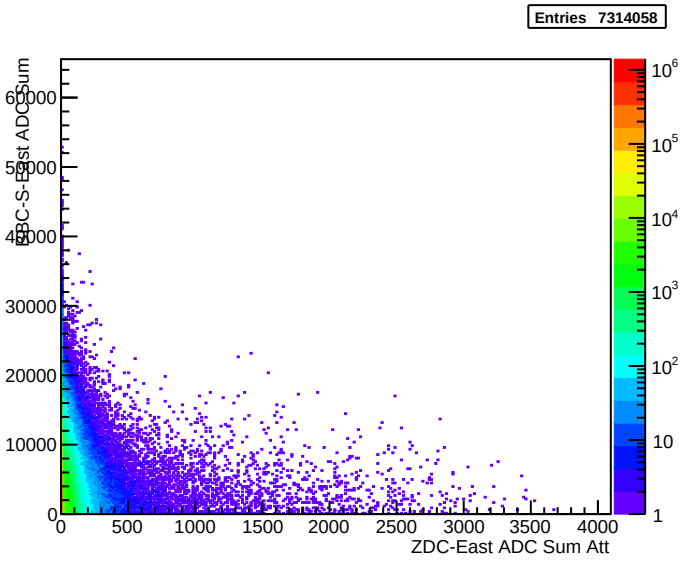

Entries 7314058
TOF Mult
BBC-S-West ADC Sum

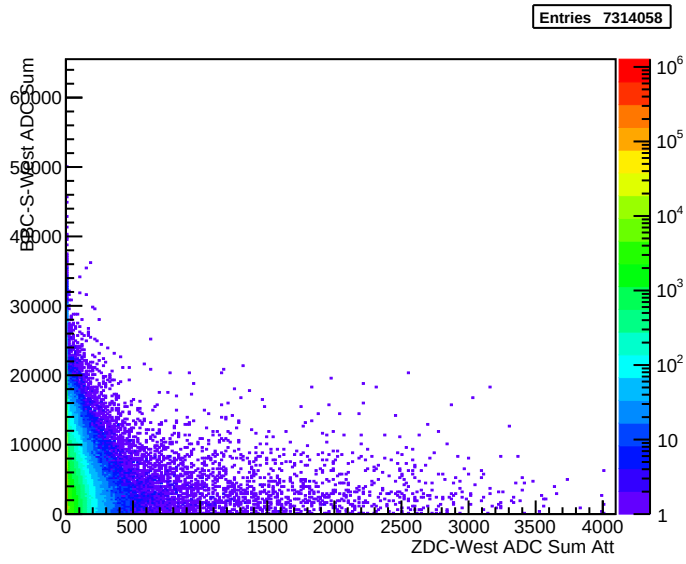

Entries 7314058
TOF Mult
VPD-East ADC Sum

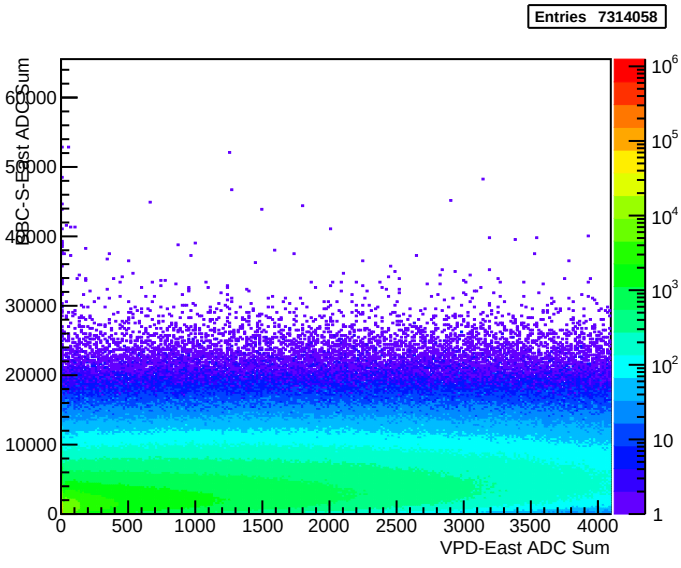

Entries 7314058
TOF Mult
VPD-West ADC Sum

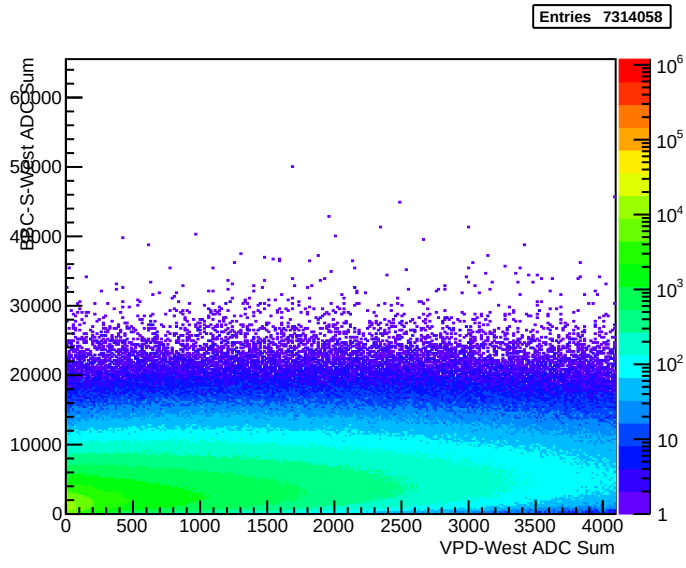

Entries 7314058
TOF Mult
ZDC-East ADC Sum Att

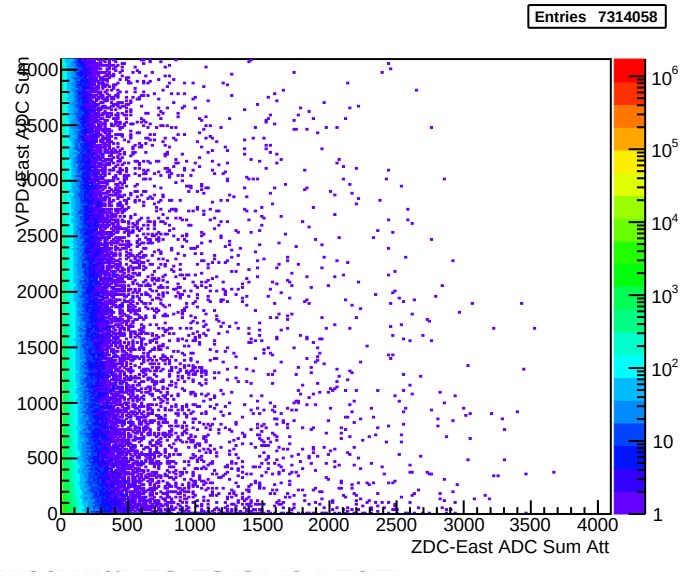

Entries 7314058
TOF Mult
ZDC-West ADC Sum Att

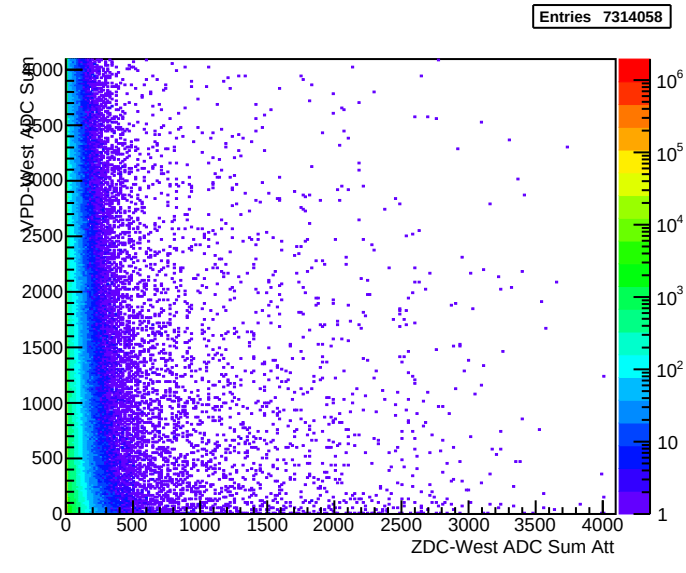

Entries 7314058
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

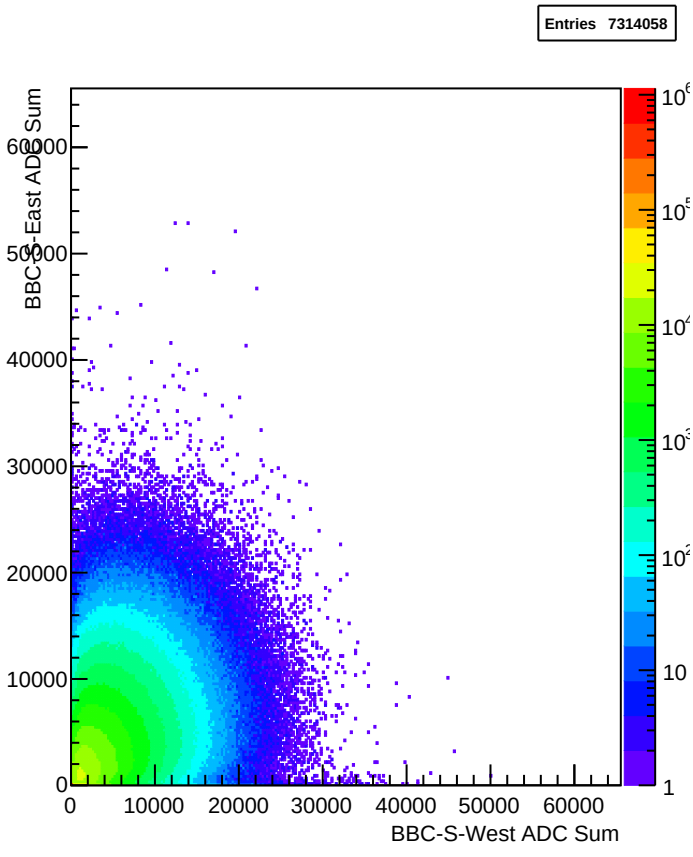

Entries 7314058
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

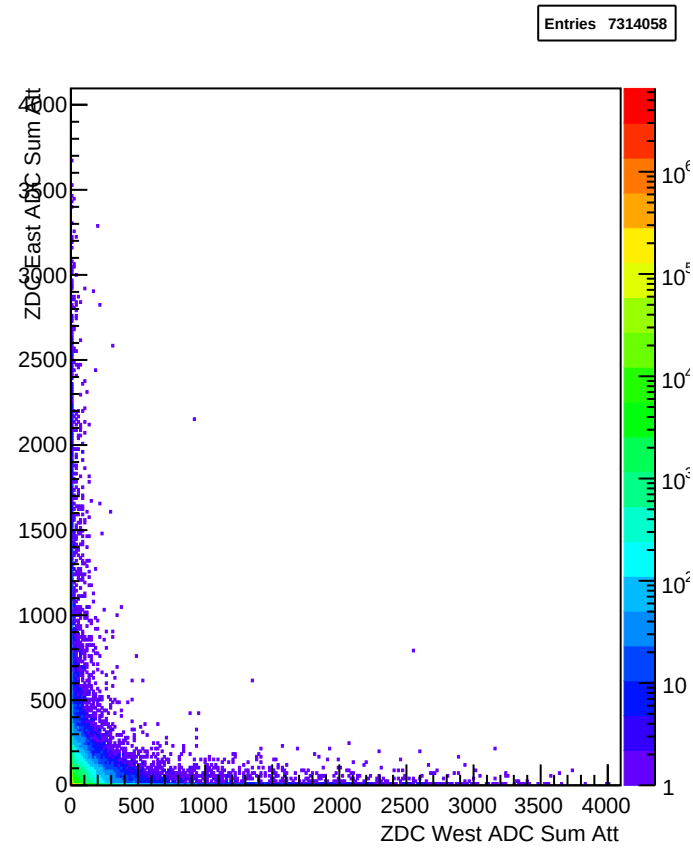

Entries 7314058
BBC-S-East ADC Sum
VPD-East ADC Sum

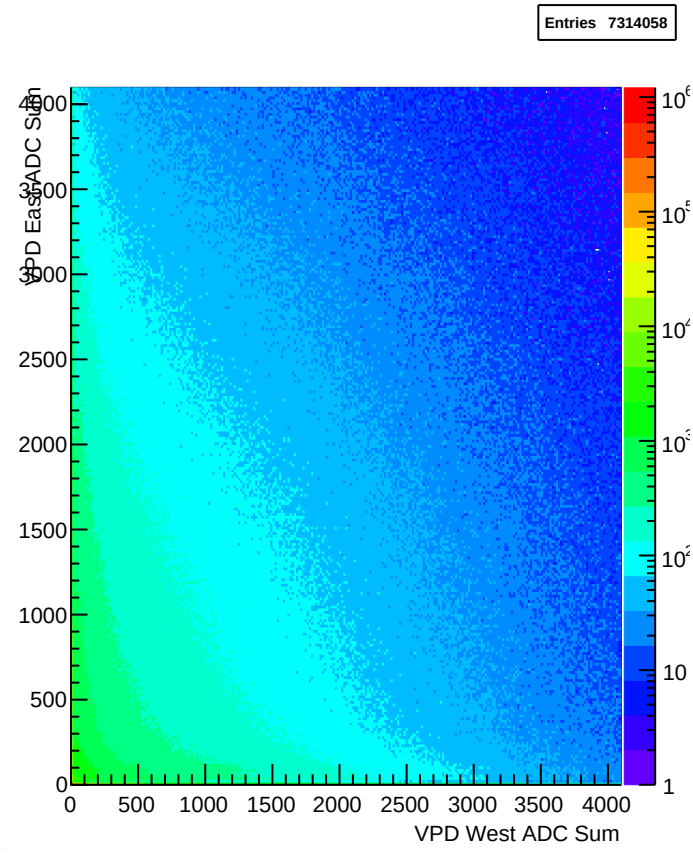

Entries 7314058
BBC-S-West ADC Sum
VPD-West ADC Sum

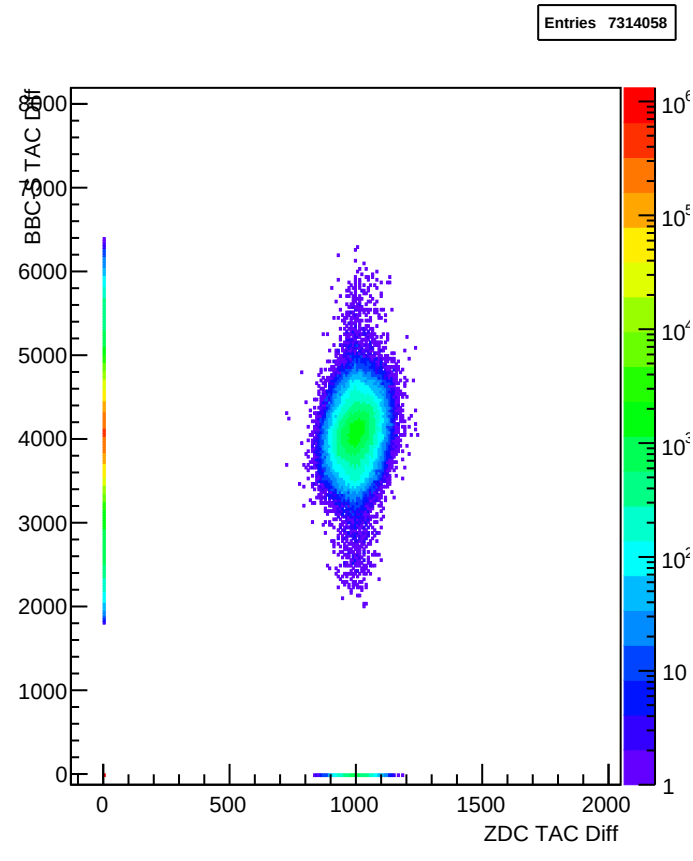

Entries 7314058
VPD-East ADC Sum
ZDC-East ADC Sum Att

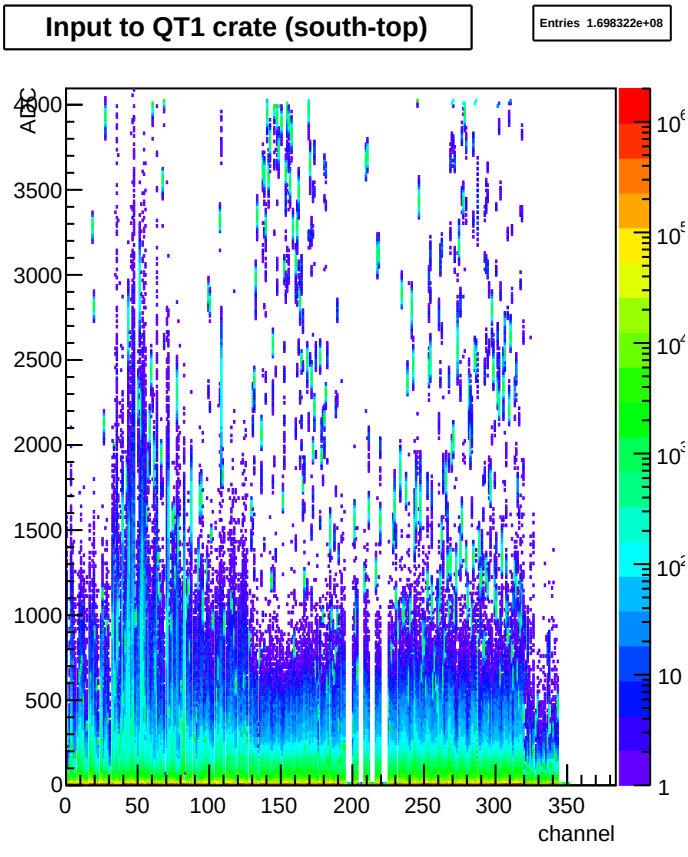

Entries 7314058
VPD-West ADC Sum
ZDC-West ADC Sum Att

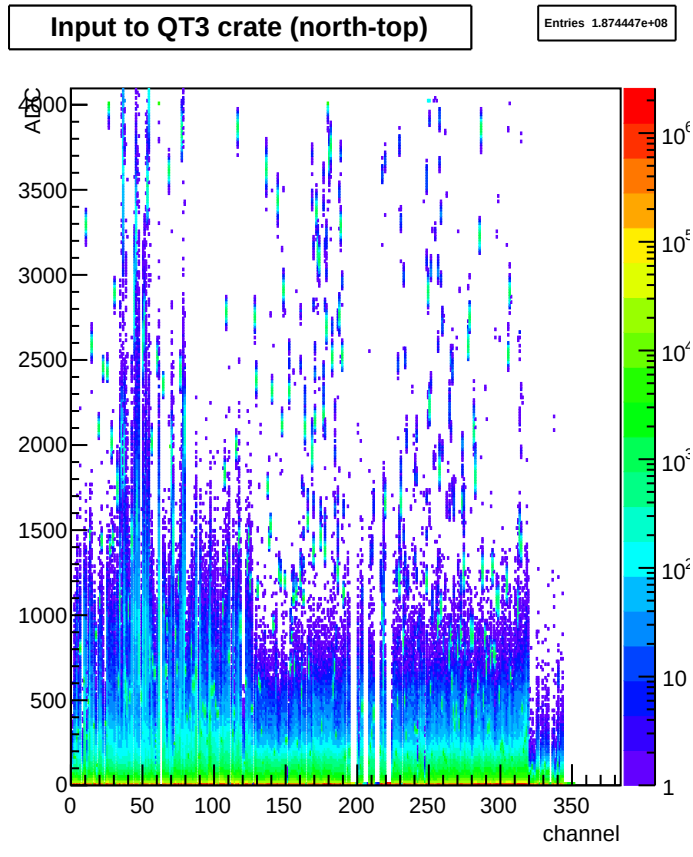

Entries 7314058
BBC-S-East ADC Sum
BBC-S-West ADC Sum

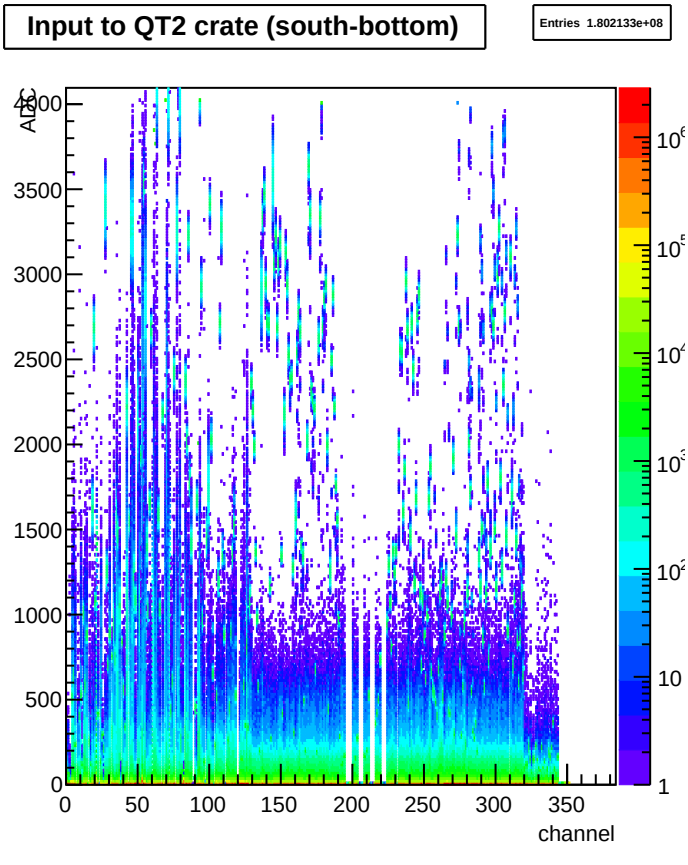

Entries 7314058
ZDC East ADC Sum Att
ZDC West ADC Sum Att

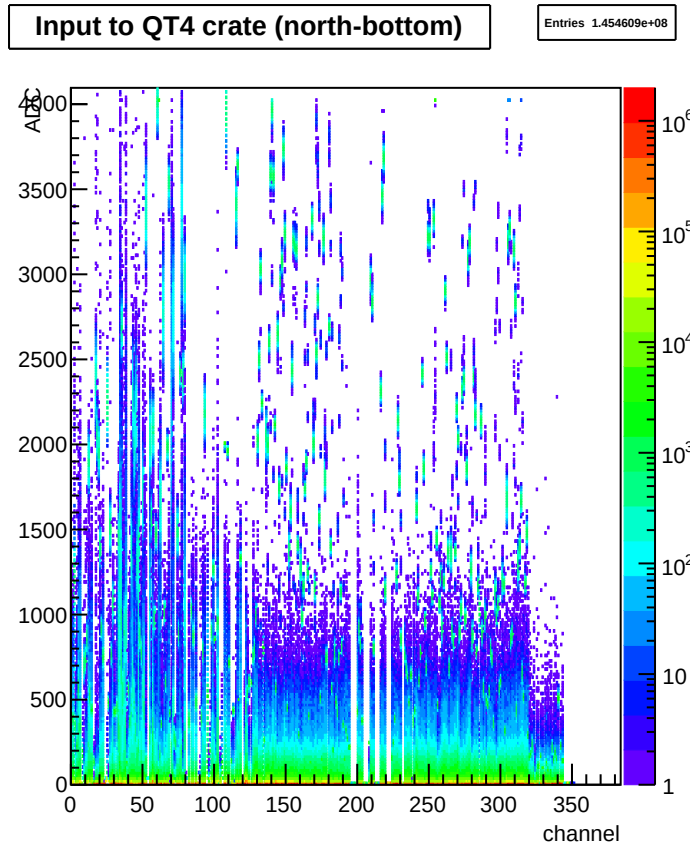

Entries 7314058
VPD East ADC Sum
VPD West ADC Sum

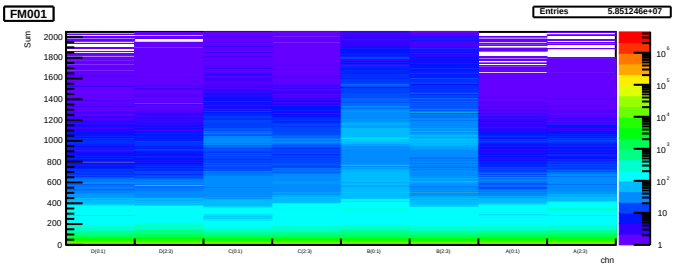

Entries 7314058
BBC-S TAC Diff
ZDC TAC Diff

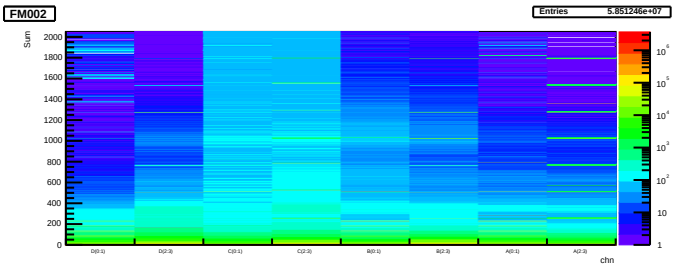

Input to QT1 crate (south-top)
Entries 1.698322e+08
ADC
channel


Input to QT3 crate (north-top)
Entries 1.874447e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 1.802133e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.454609e+08
ADC
channel


FM001
Entries 5.851246e+07
Sum
chn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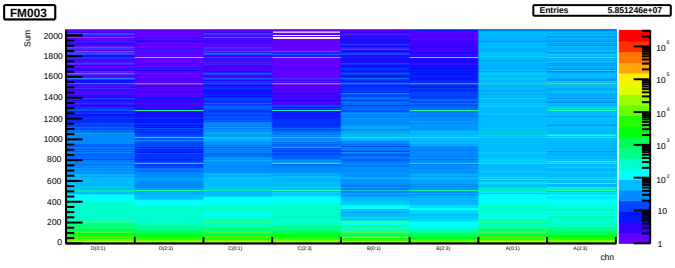
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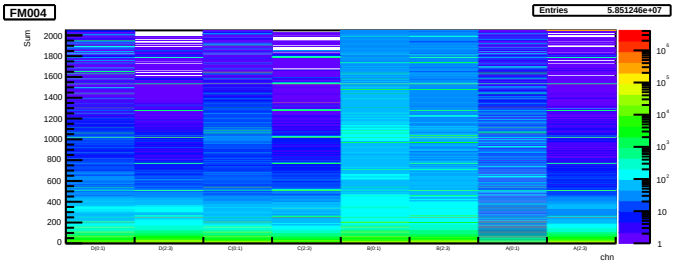
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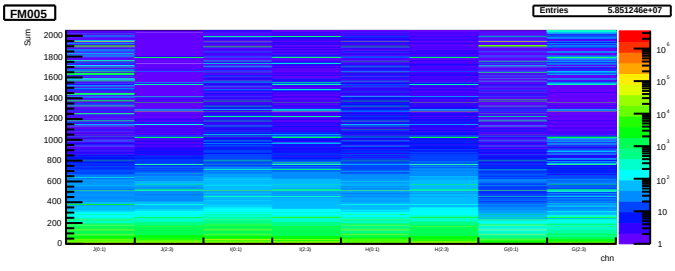
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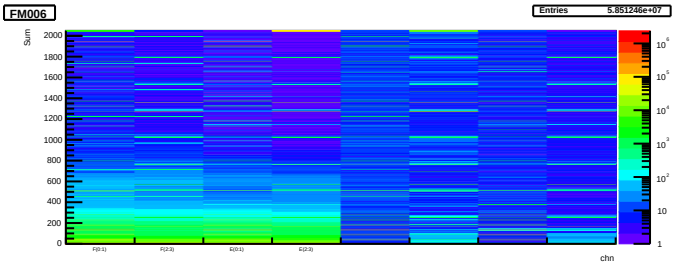
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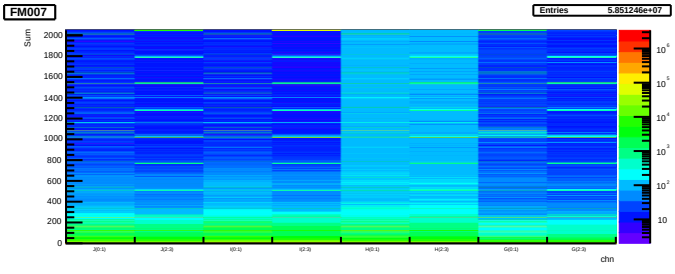
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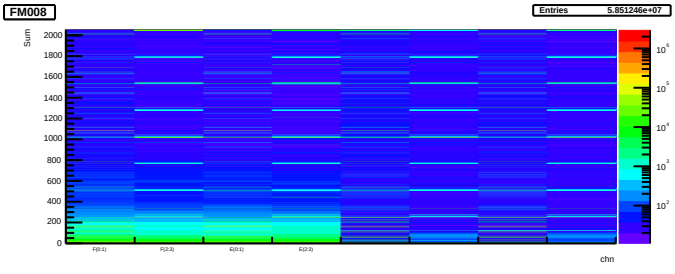
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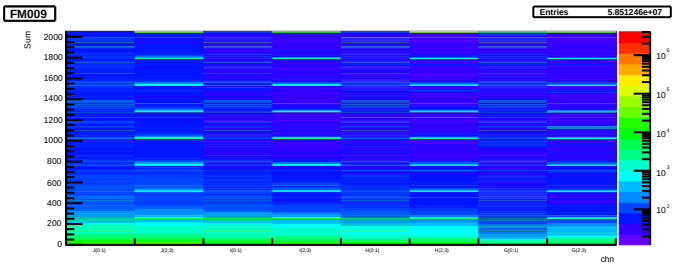
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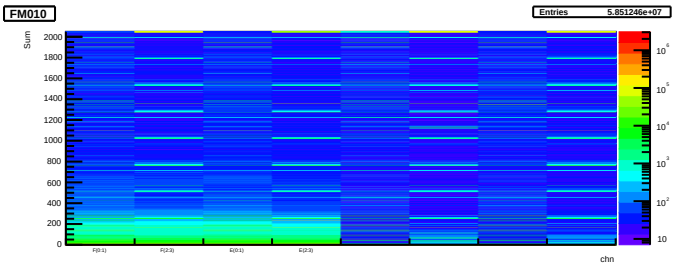
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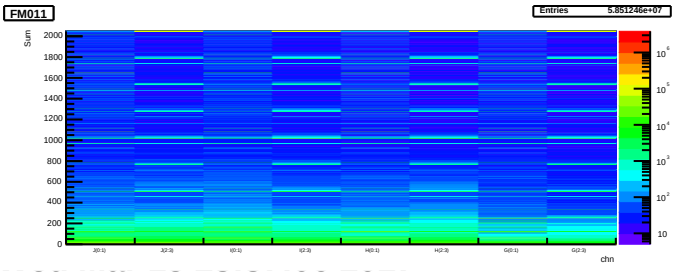
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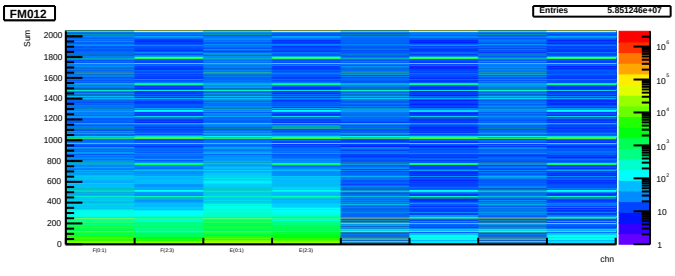
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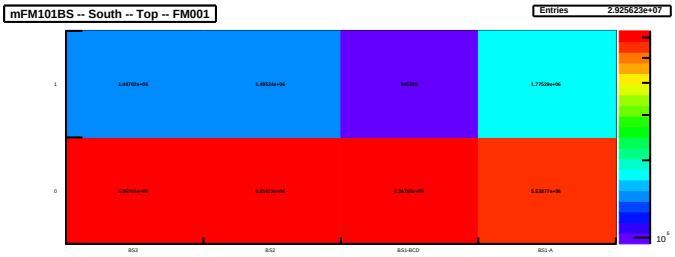
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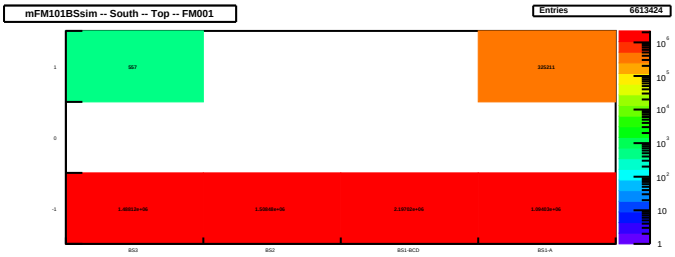
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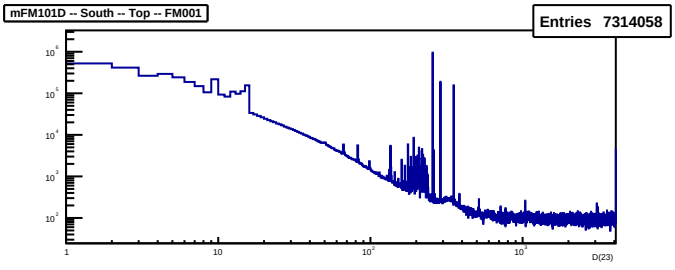
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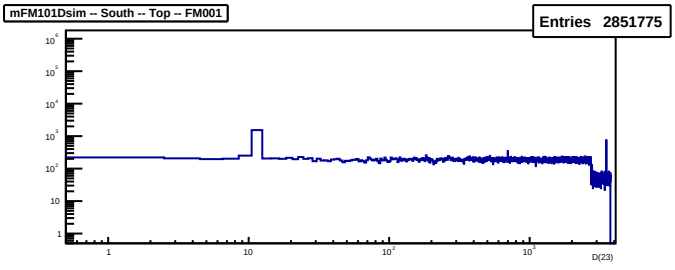
Entries 7314058
D(23)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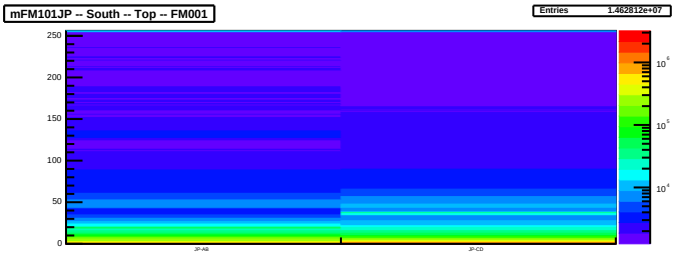
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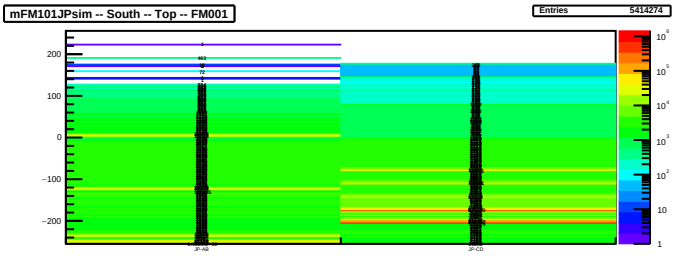
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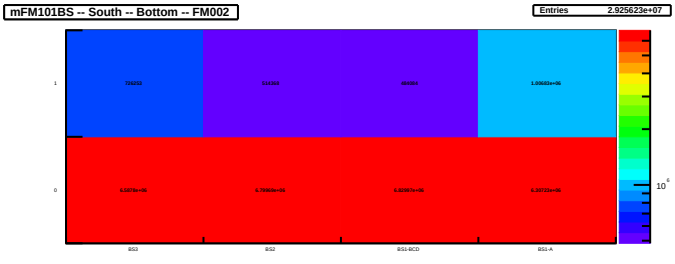
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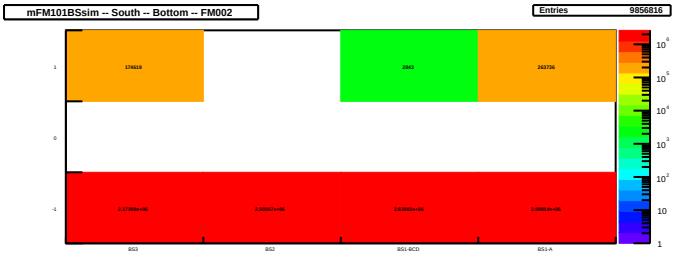
Entries 2.925623e+07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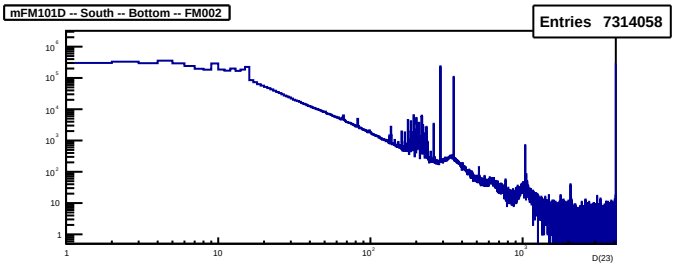
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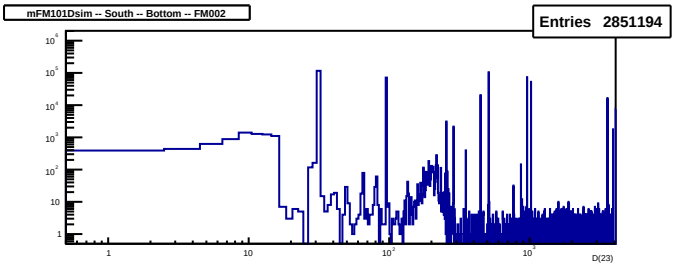
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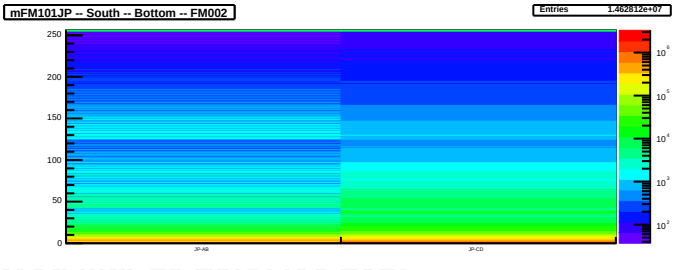
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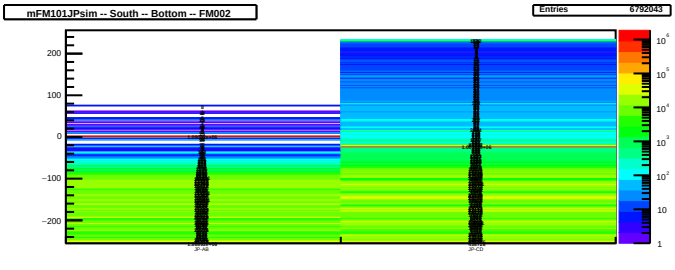
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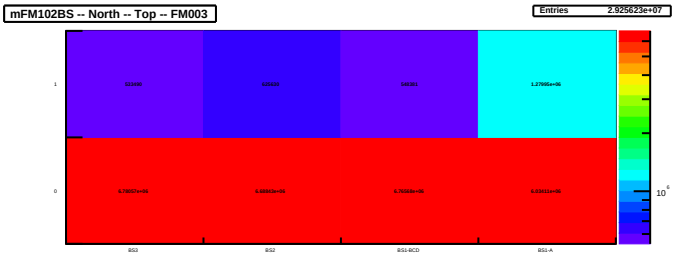
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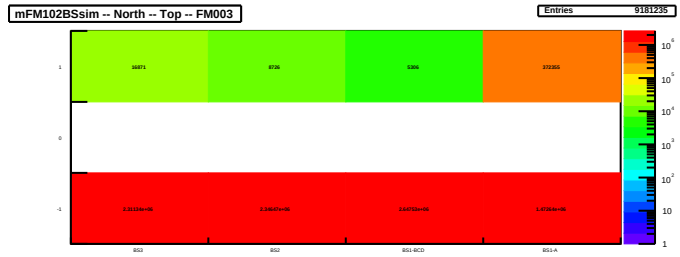
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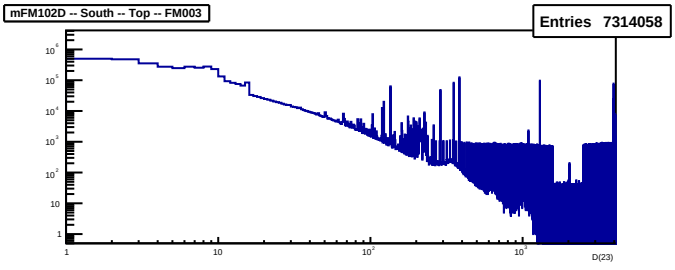
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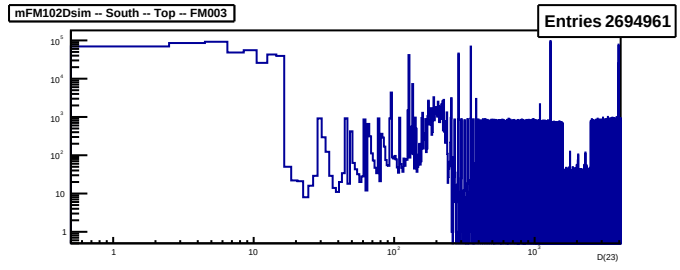
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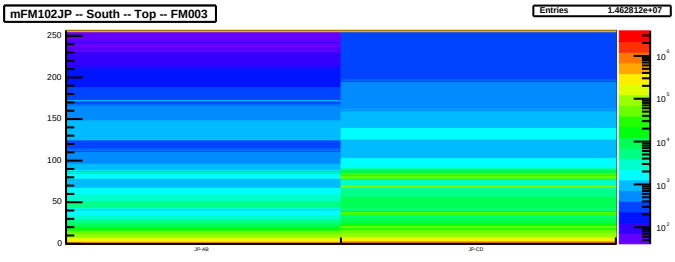
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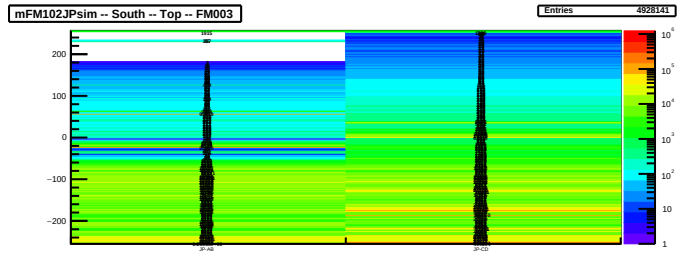
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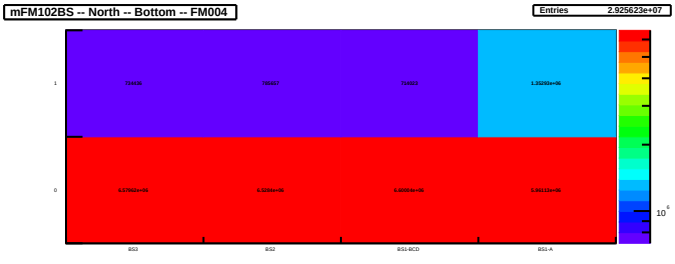
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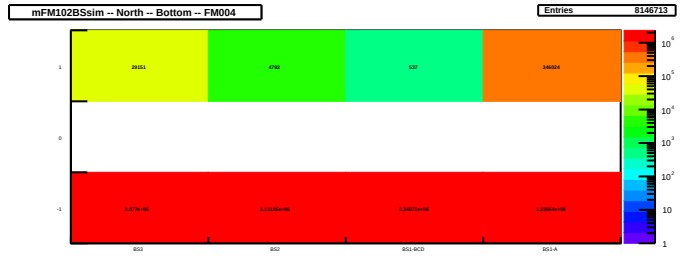
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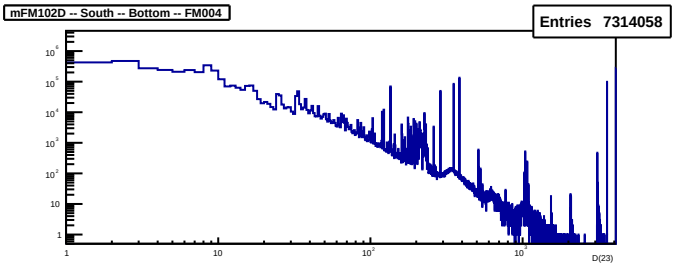
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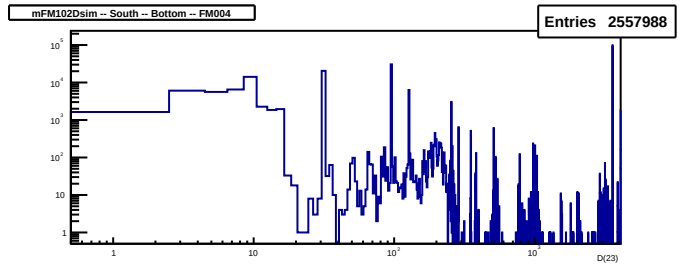
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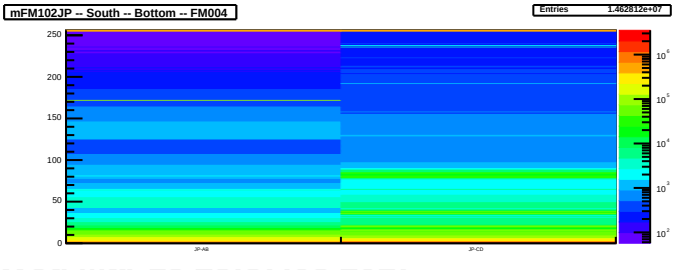
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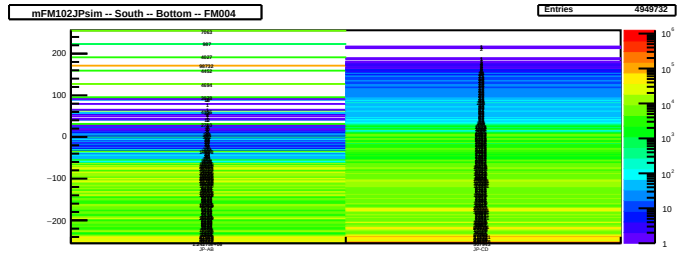
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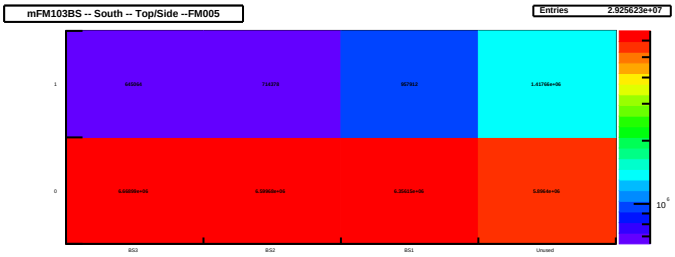
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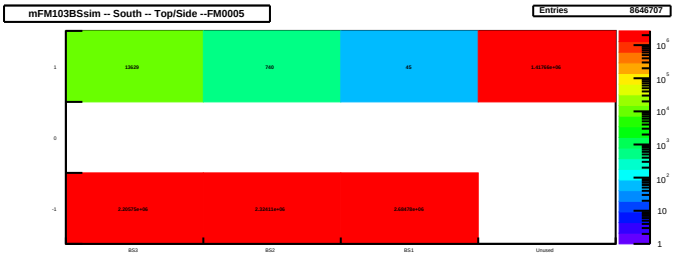
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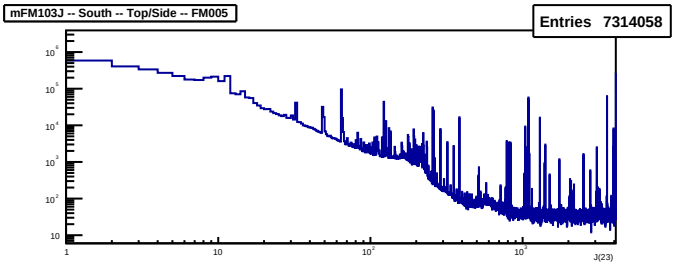
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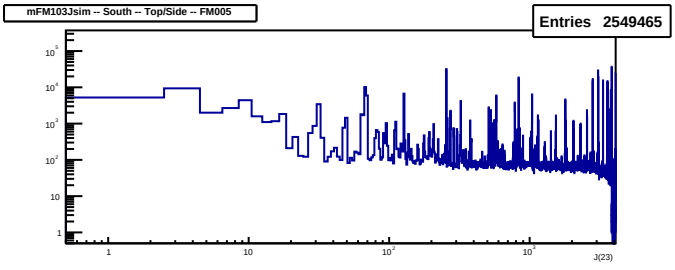
Entries 7314058
J(23)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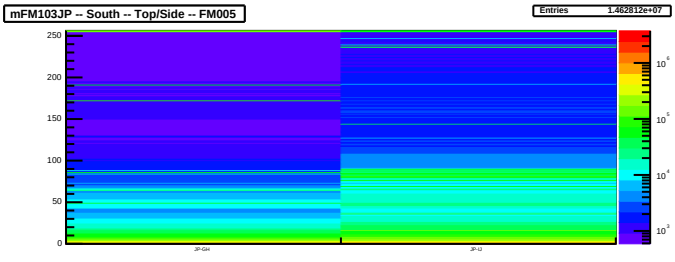
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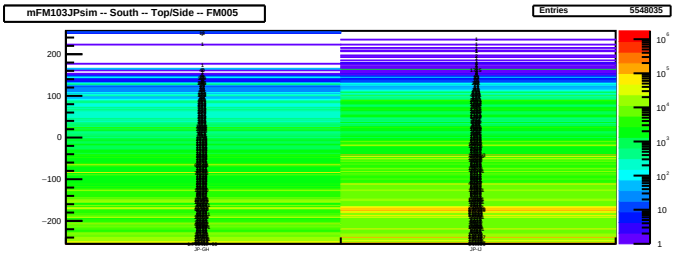
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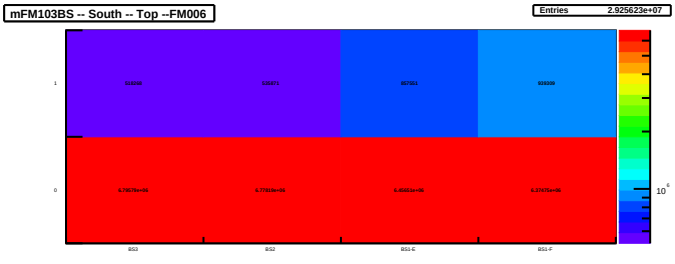
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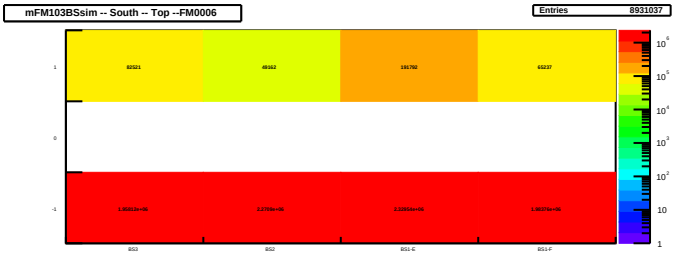
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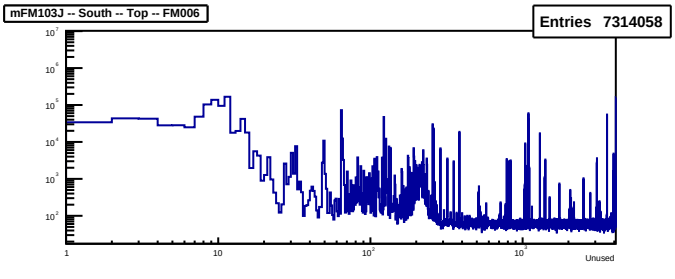
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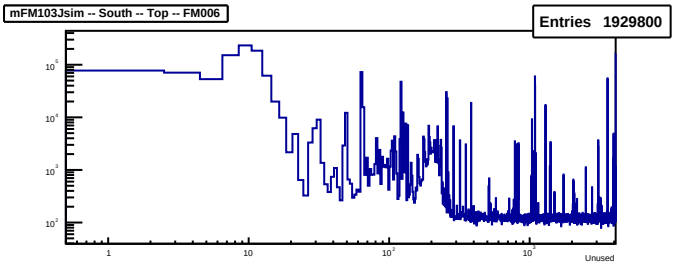
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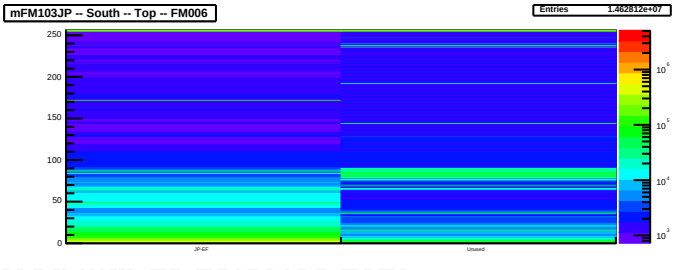
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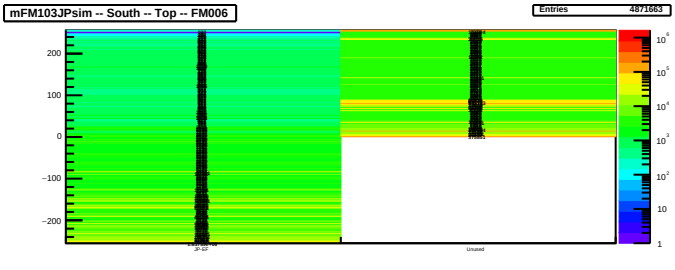
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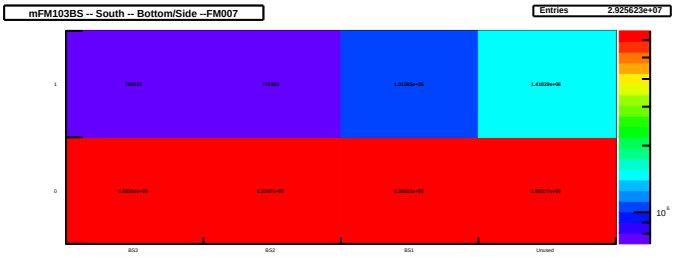
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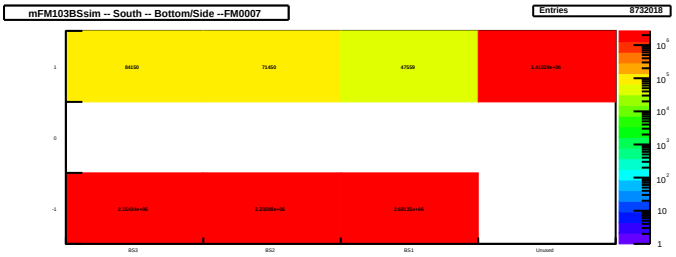
Entries 2.925623e+07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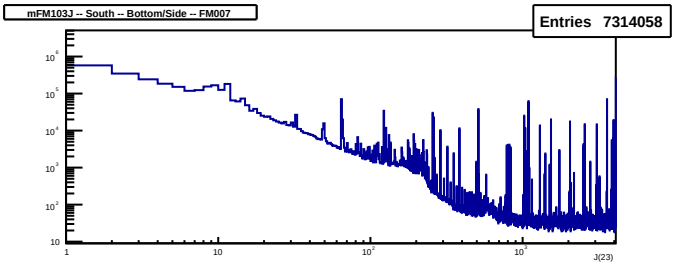
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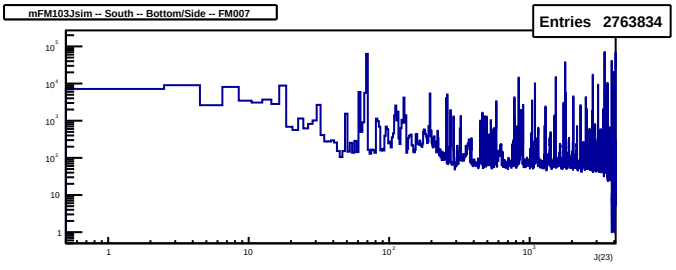
J(23)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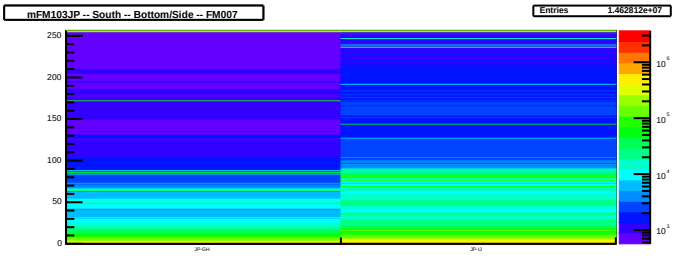
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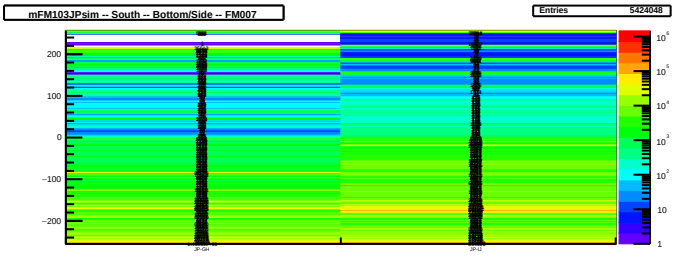
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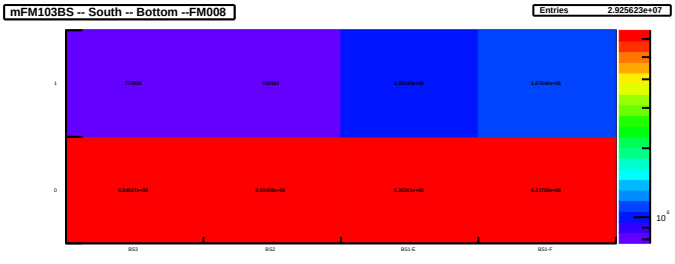
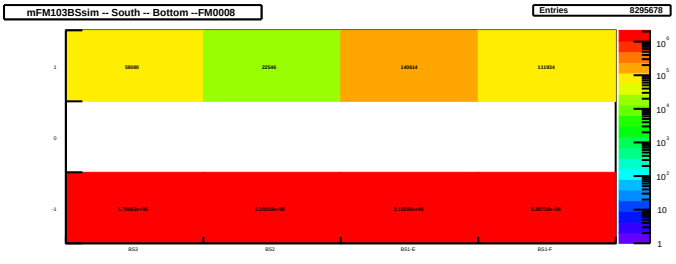
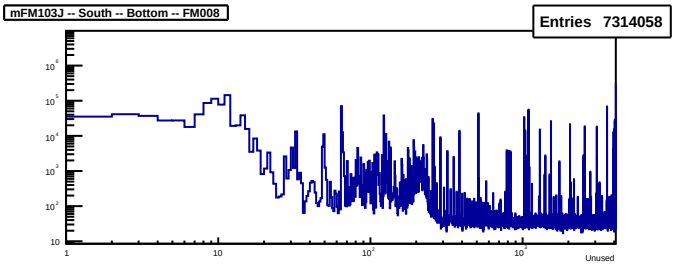
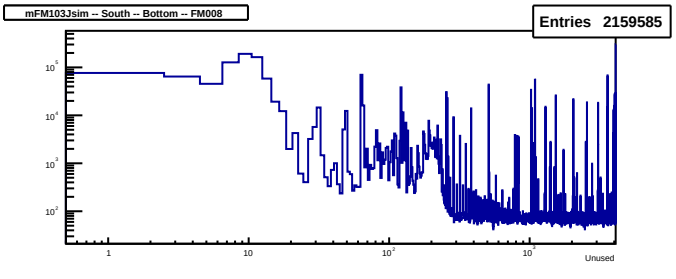
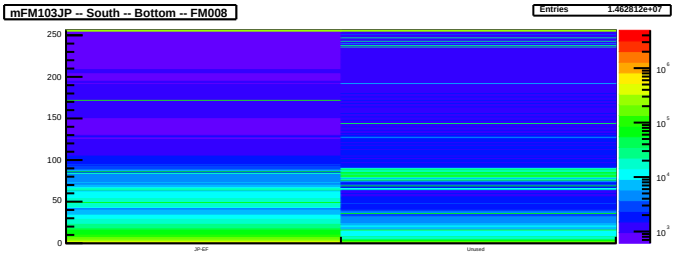
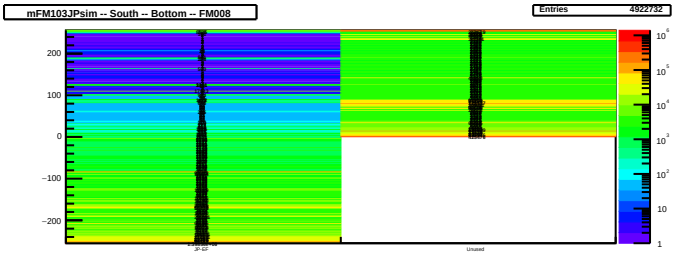

mFM103BS -- South -- Bottom --FM008
Entries 2.925623e+07

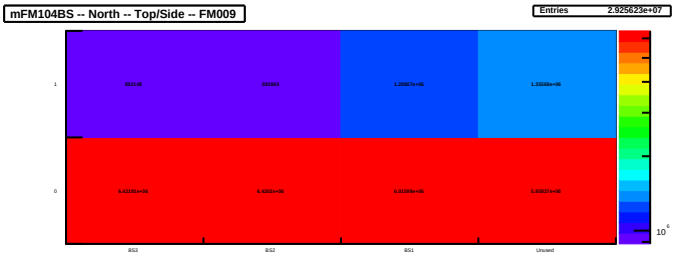

mFM103BSsim -- South -- Bottom --FM0008
Entries 8295678

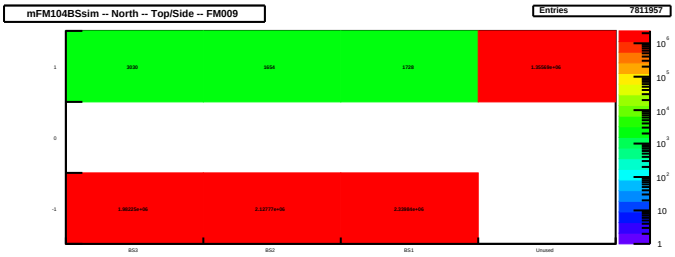

mFM103J -- South -- Bottom -- FM008
Entries 7314058
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 2159585
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 1.462812e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 4922732


mFM104BS -- North -- Top/Side -- FM009
Entries 2.925623e+07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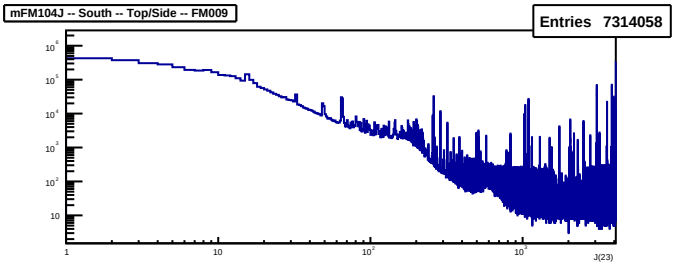
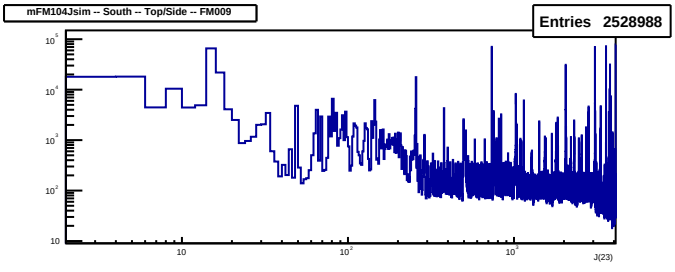
Entries 7811957


mFM104J -- South -- Top/Side -- FM009
Entries 7314058
J(23)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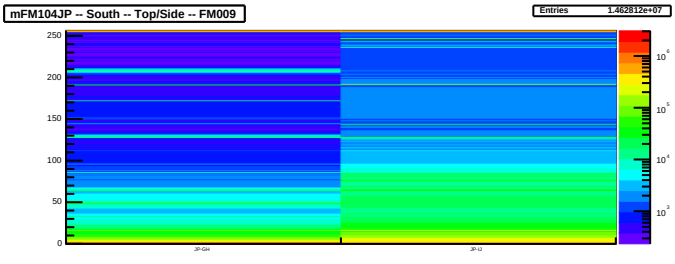
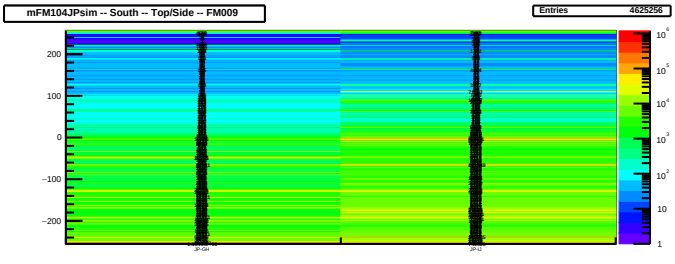
Entries 2528988
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.462812e+07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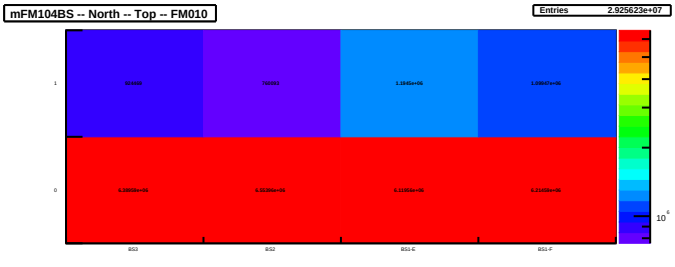
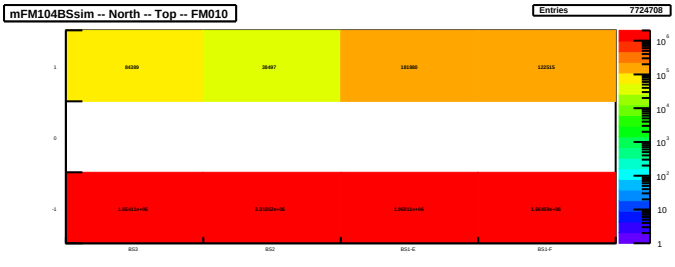
Entries 4625256


mFM104BS -- North -- Top -- FM010
Entries 2.925623e+07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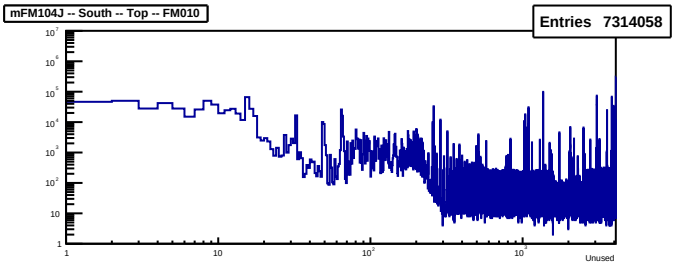
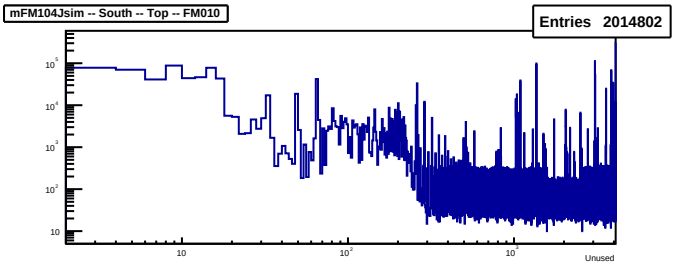
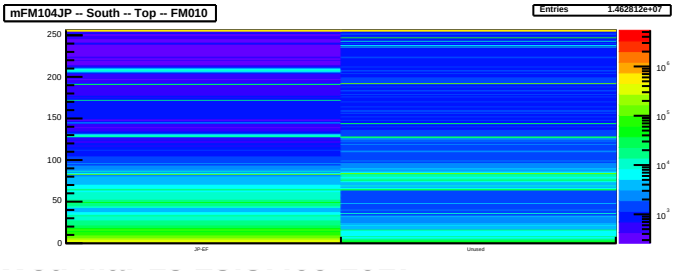
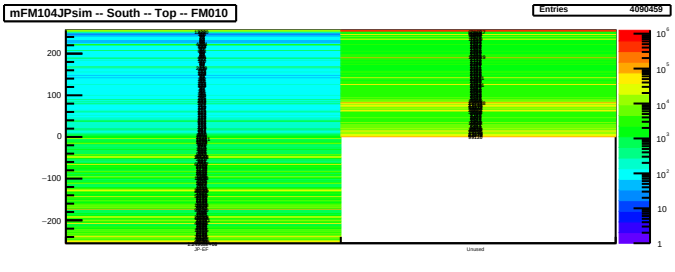
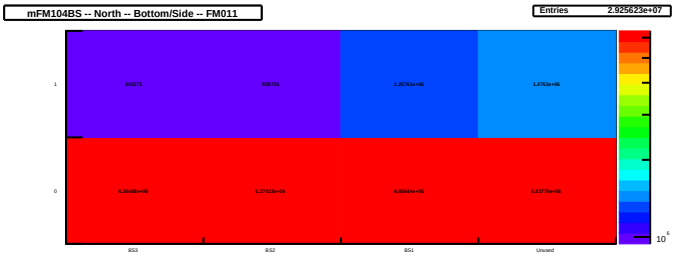
Entries 7724708

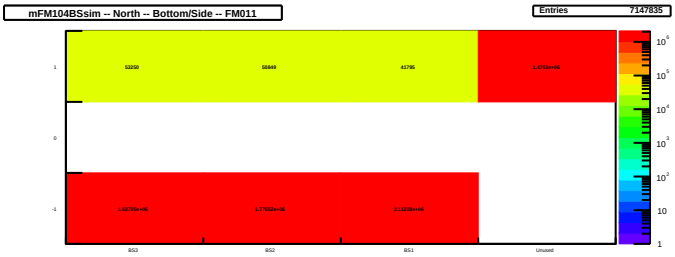

mFM104J -- South -- Top -- FM010
Entries 7314058
Unused

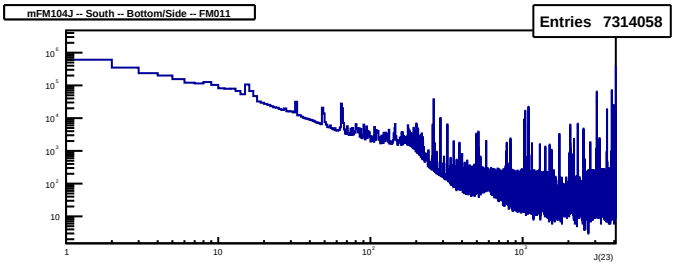

mFM104Jsim -- South -- Top -- FM010
Entries 2014802
Unused

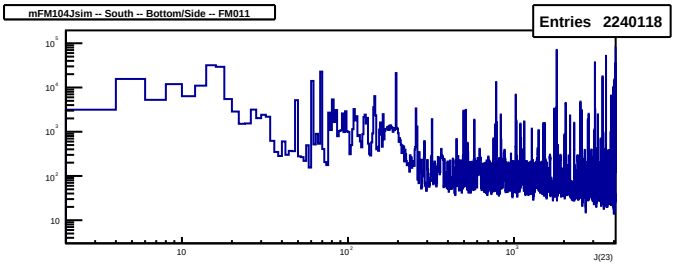

mFM104JP -- South -- Top -- FM010
Entries 1.462812e+07

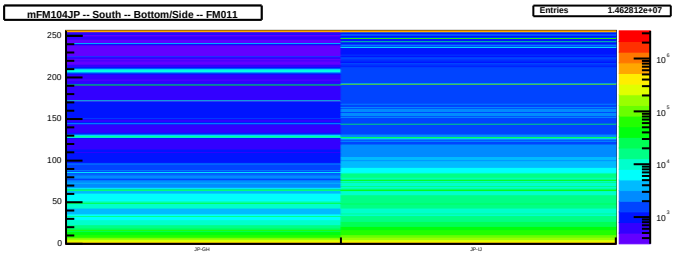

mFM104JPsim -- South -- Top -- FM010
Entries 4090459

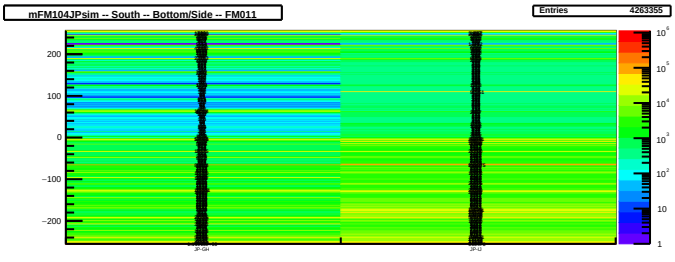

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.925623e+07

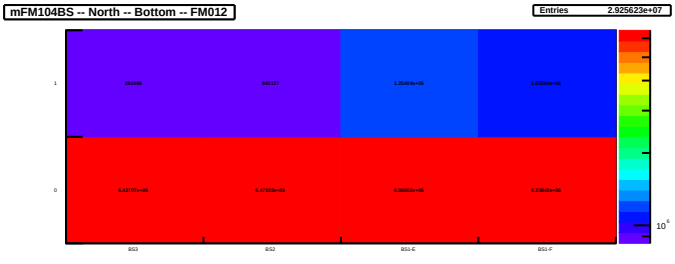

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 7147835

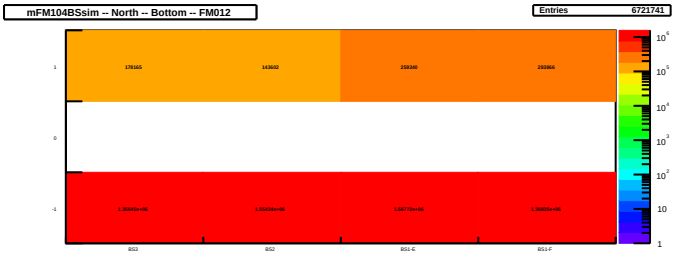

mFM104J -- South -- Bottom/Side -- FM011
Entries 7314058
J(23)

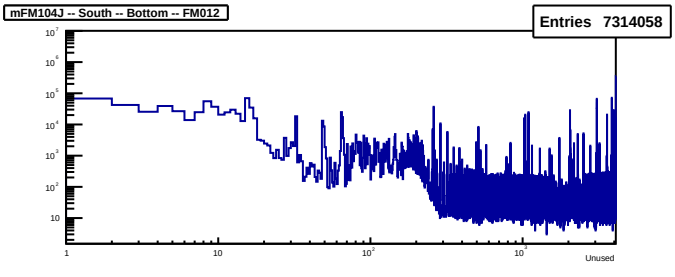

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 2240118
J(23)

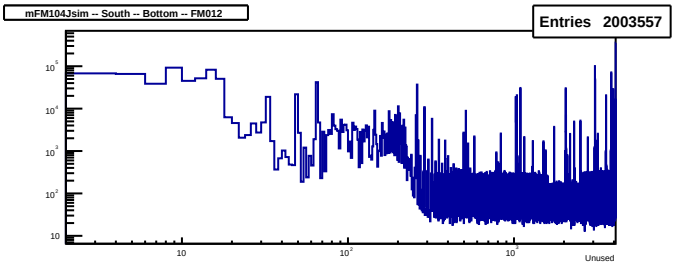

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.462812e+07

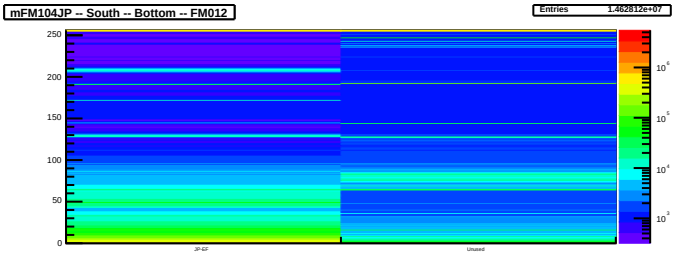

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 4263355

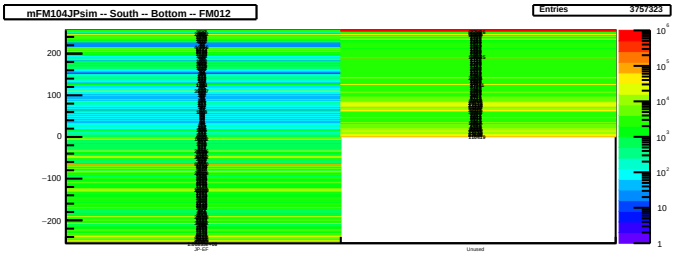

mFM104BS -- North -- Bottom -- FM012
Entries 2.925623e+07

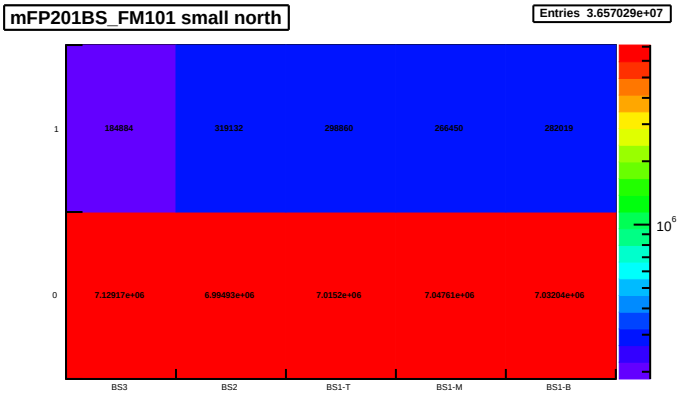

mFM104BSsim -- North -- Bottom -- FM012
Entries 6721741

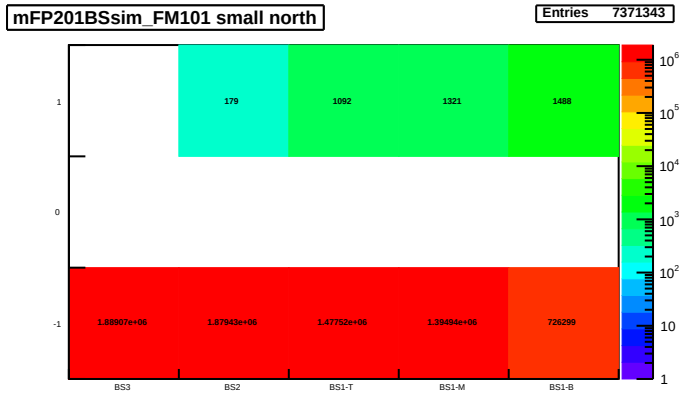

mFM104J -- South -- Bottom -- FM012
Entries 7314058
Unused

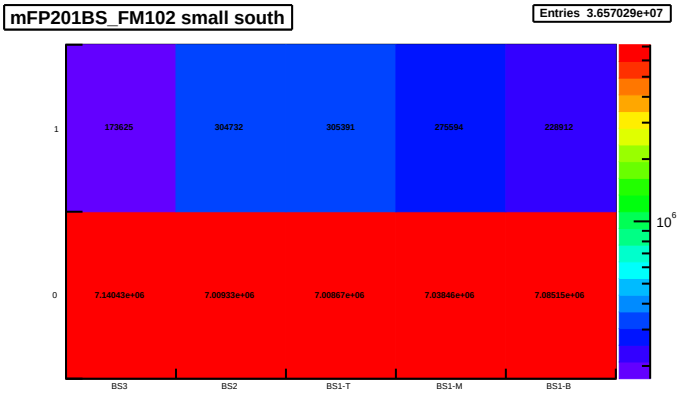

mFM104Jsim -- South -- Bottom -- FM012
Entries 2003557
Unused

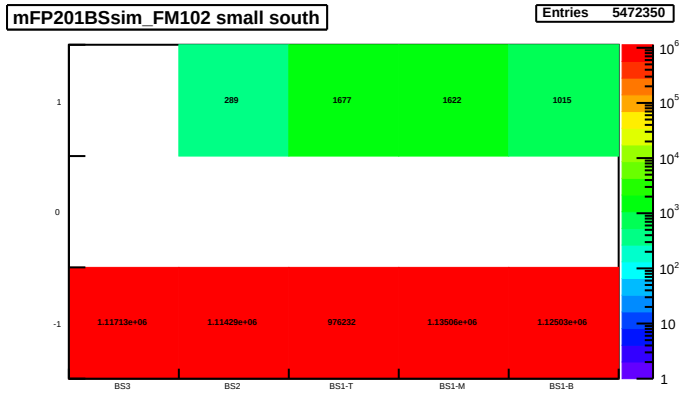

mFM104JP -- South -- Bottom -- FM012
Entries 1.462812e+07

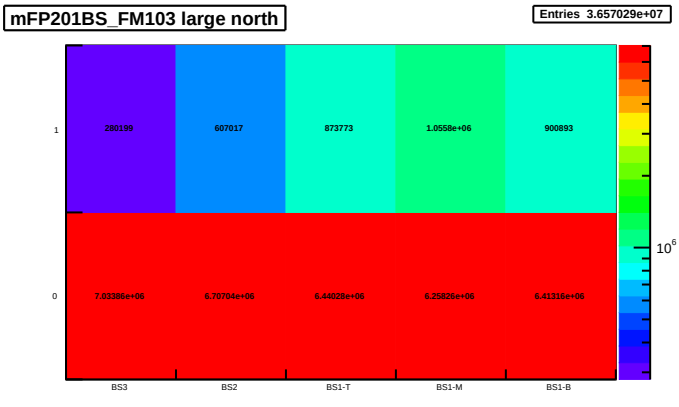

mFM104JPsim -- South -- Bottom -- FM012
Entries 3757323

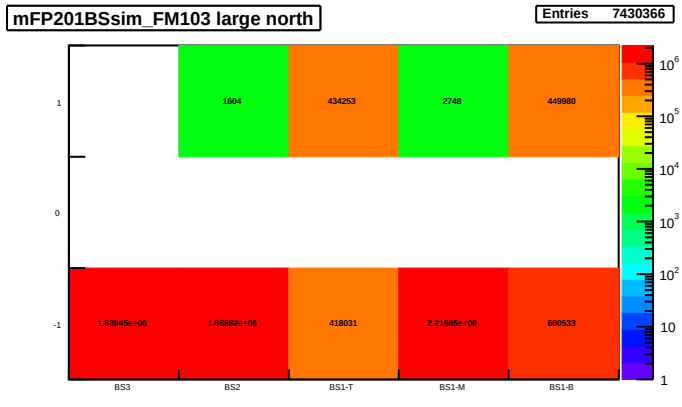

mFP201BS_FM101 small north
Entries 3.657029e+07
1
0
184884
319132
298860
266450
282019
7.12917e+06
6.99493e+06
7.0152e+06
7.04761e+06
7.03204e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

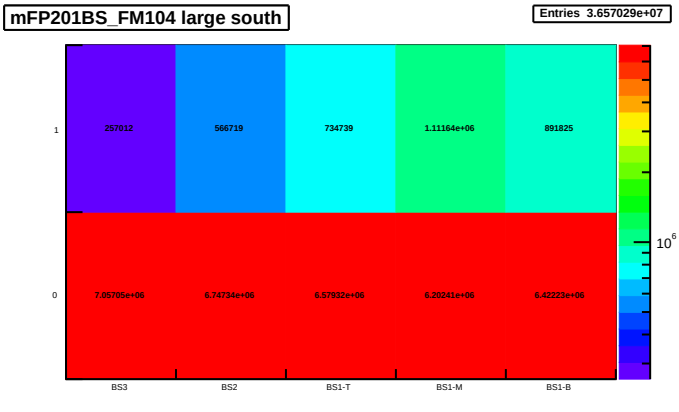

mFP201BSsim_FM101 small north
Entries 7371343
1
0
-1
179
1092
1321
1488
1.88907e+06
1.87943e+06
1.47752e+06
1.39494e+06
726299
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

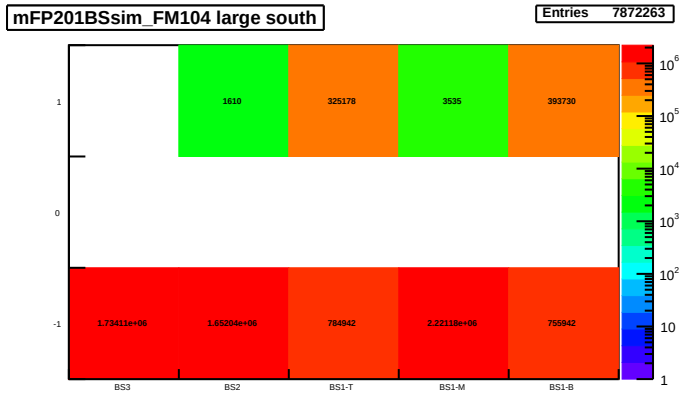

mFP201BS_FM102 small south
Entries 3.657029e+07
1
0
173625
304732
305391
275594
228912
7.14043e+06
7.00933e+06
7.00867e+06
7.03846e+06
7.08515e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

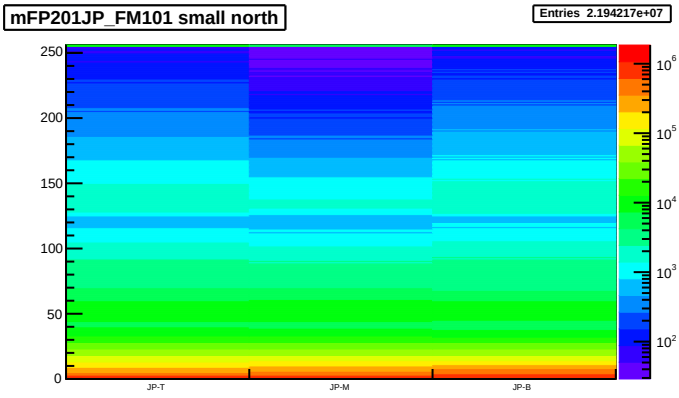

mFP201BSsim_FM102 small south
Entries 5472350
1
0
-1
289
1677
1622
1015
1.11713e+06
1.11429e+06
976232
1.13506e+06
1.12503e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

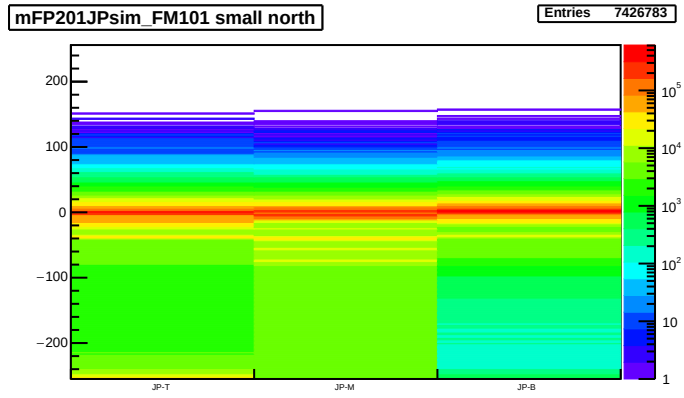

mFP201BS_FM103 large north
Entries 3.657029e+07
1
0
280199
607017
873773
1.0558e+06
900893
7.03386e+06
6.70704e+06
6.44028e+06
6.25826e+06
6.41316e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

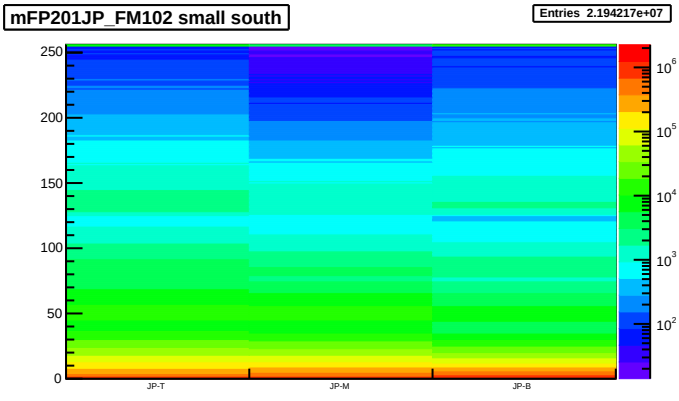

mFP201BSsim_FM103 large north
Entries 7430366
1
0
-1
1604
434253
2748
449980
1.63845e+06
1.66882e+06
418031
2.21595e+06
600533
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

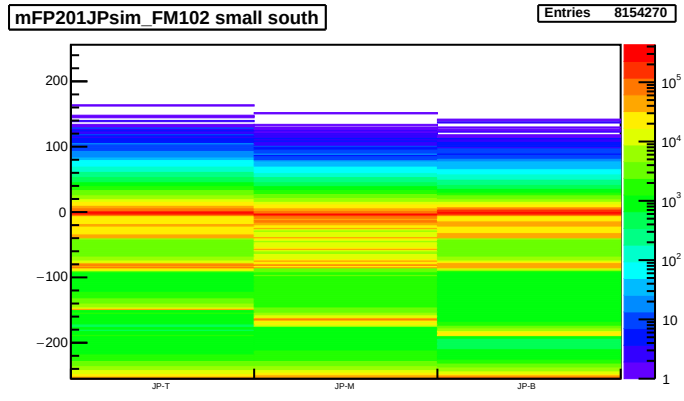

mFP201BS_FM104 large south
Entries 3.657029e+07
1
0
257012
566719
734739
1.11164e+06
891825
7.05705e+06
6.74734e+06
6.57932e+06
6.20241e+06
6.42223e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

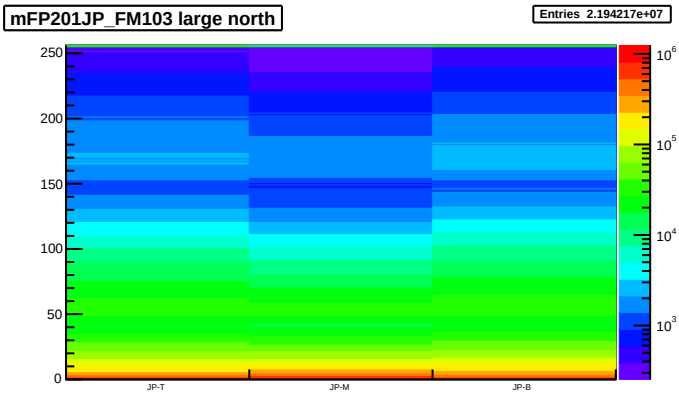

mFP201BSsim_FM104 large south
Entries 7872263
1
0
-1
1610
325178
3535
393730
1.73411e+06
1.65204e+06
784942
2.22118e+06
755942
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

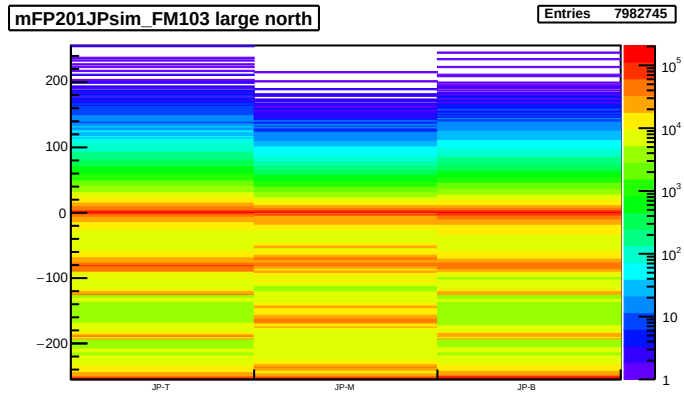

mFP201JP_FM101 small north
Entries 2.194217e+07
JP-T
JP-M
JP-B

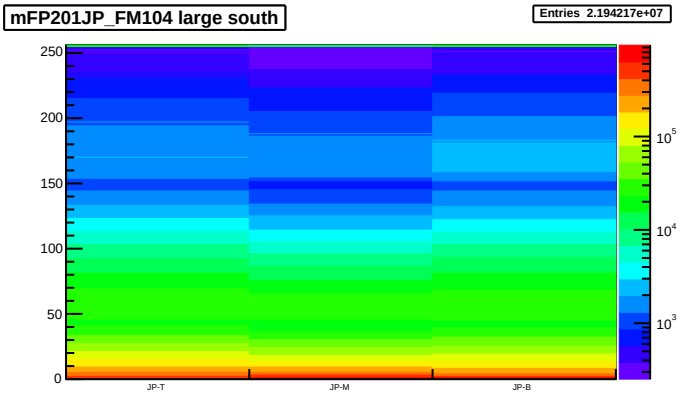

mFP201JPsim_FM101 small north
Entries 7426783
JP-T
JP-M
JP-B

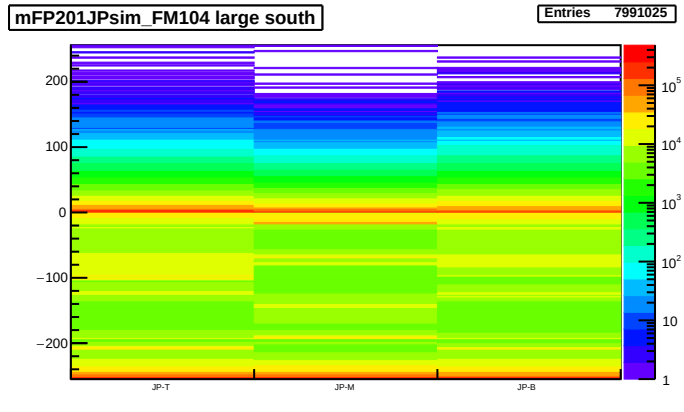

mFP201JP_FM102 small south
Entries 2.194217e+07
JP-T
JP-M
JP-B

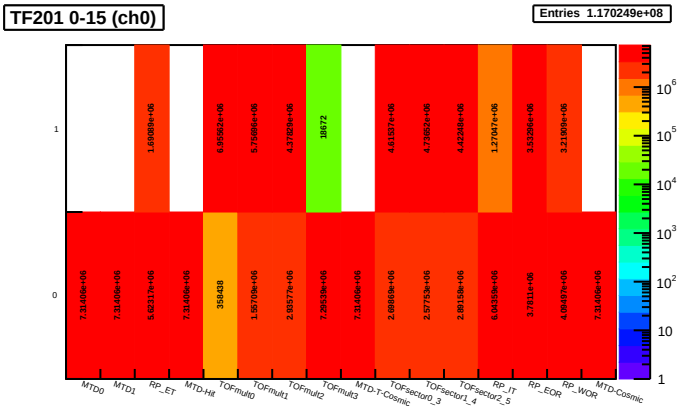

mFP201JPsim_FM102 small south
Entries 8154270
JP-T
JP-M
JP-B

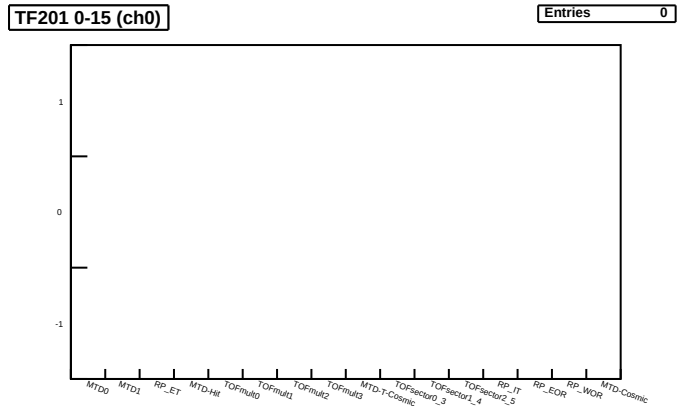

mFP201JP_FM103 large north
Entries 2.194217e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM103 large north
Entries 7982745
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 2.194217e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 7991025
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.170249e+08
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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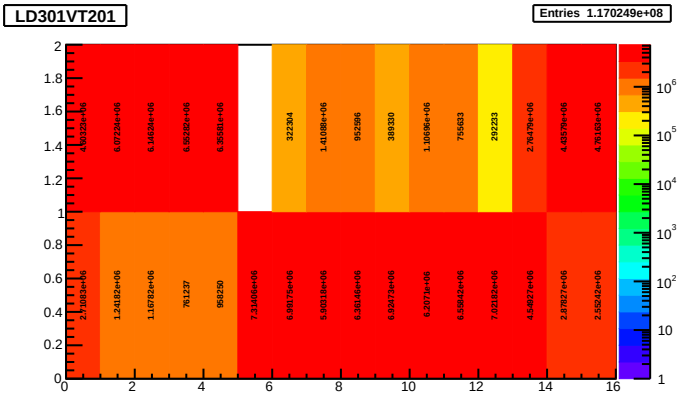
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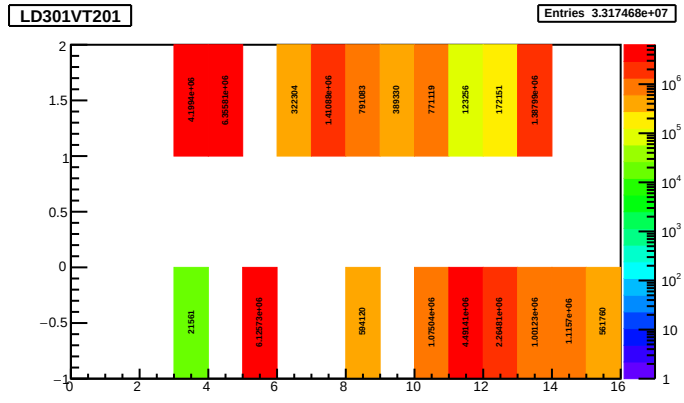
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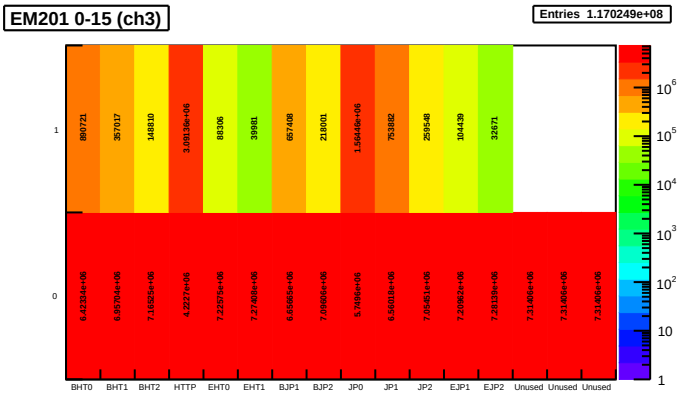
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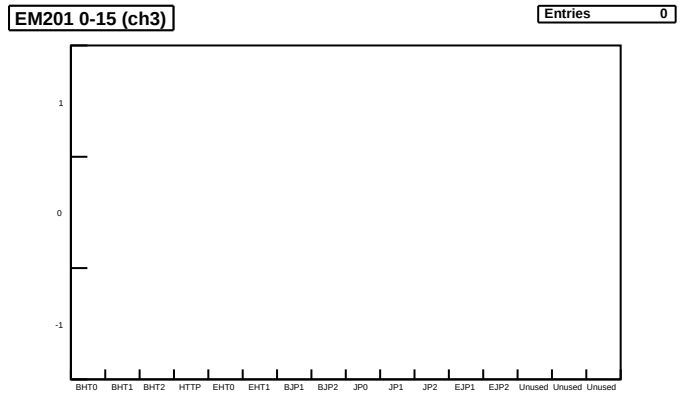
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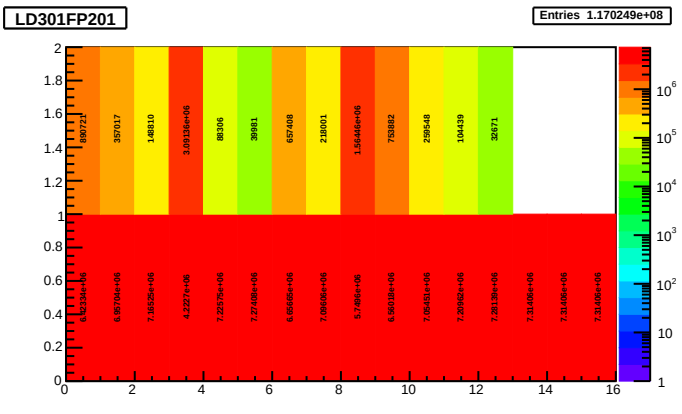
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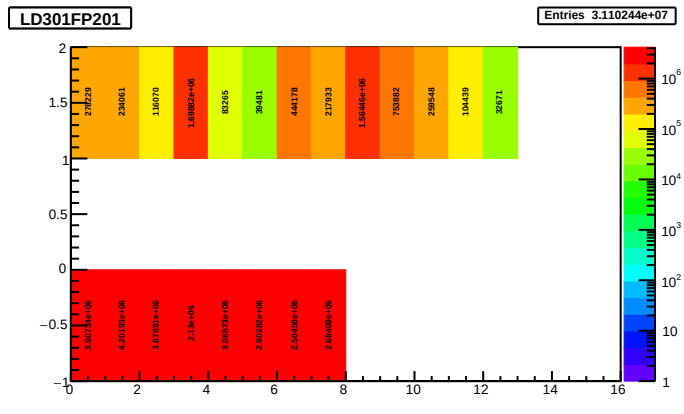
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