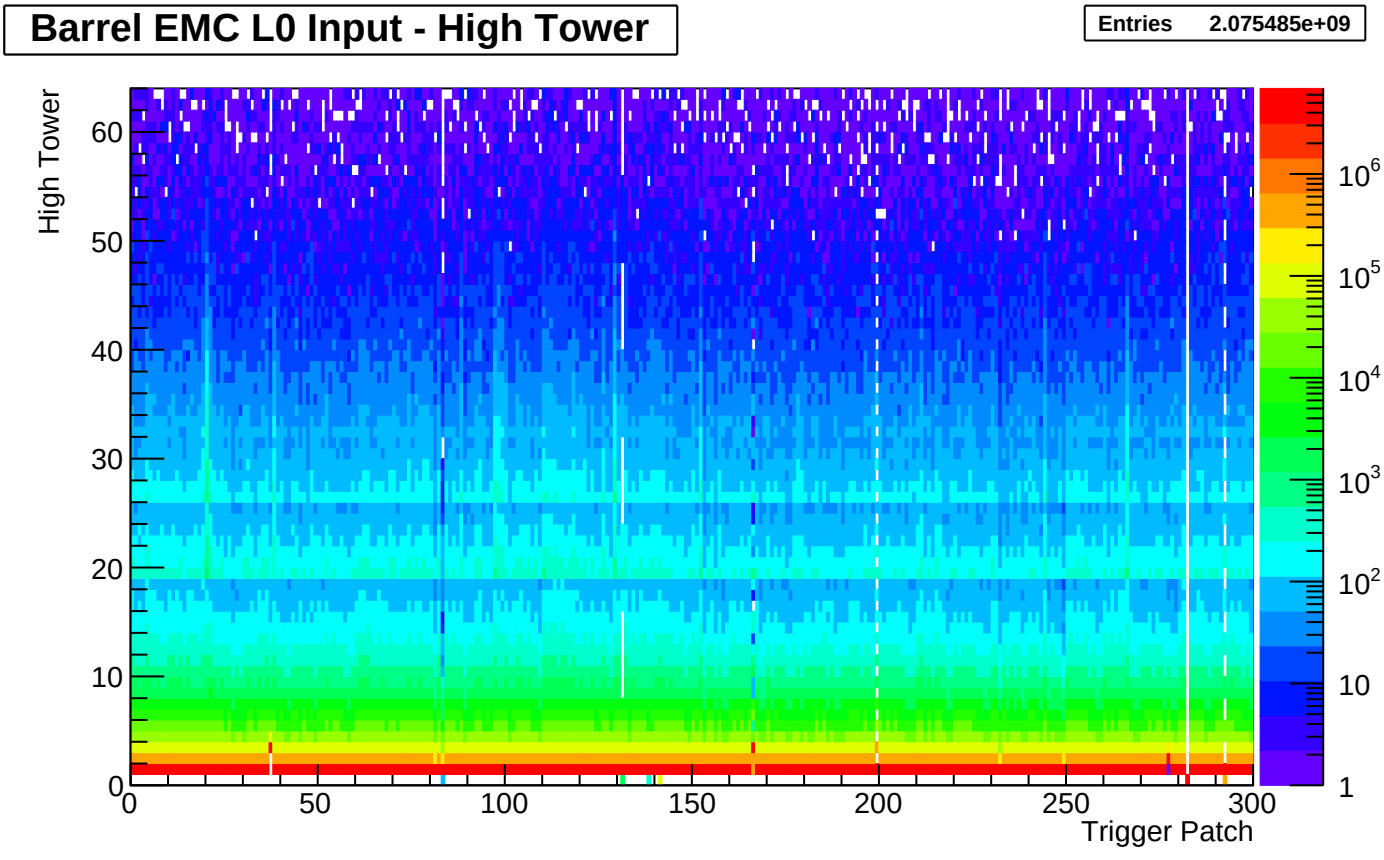
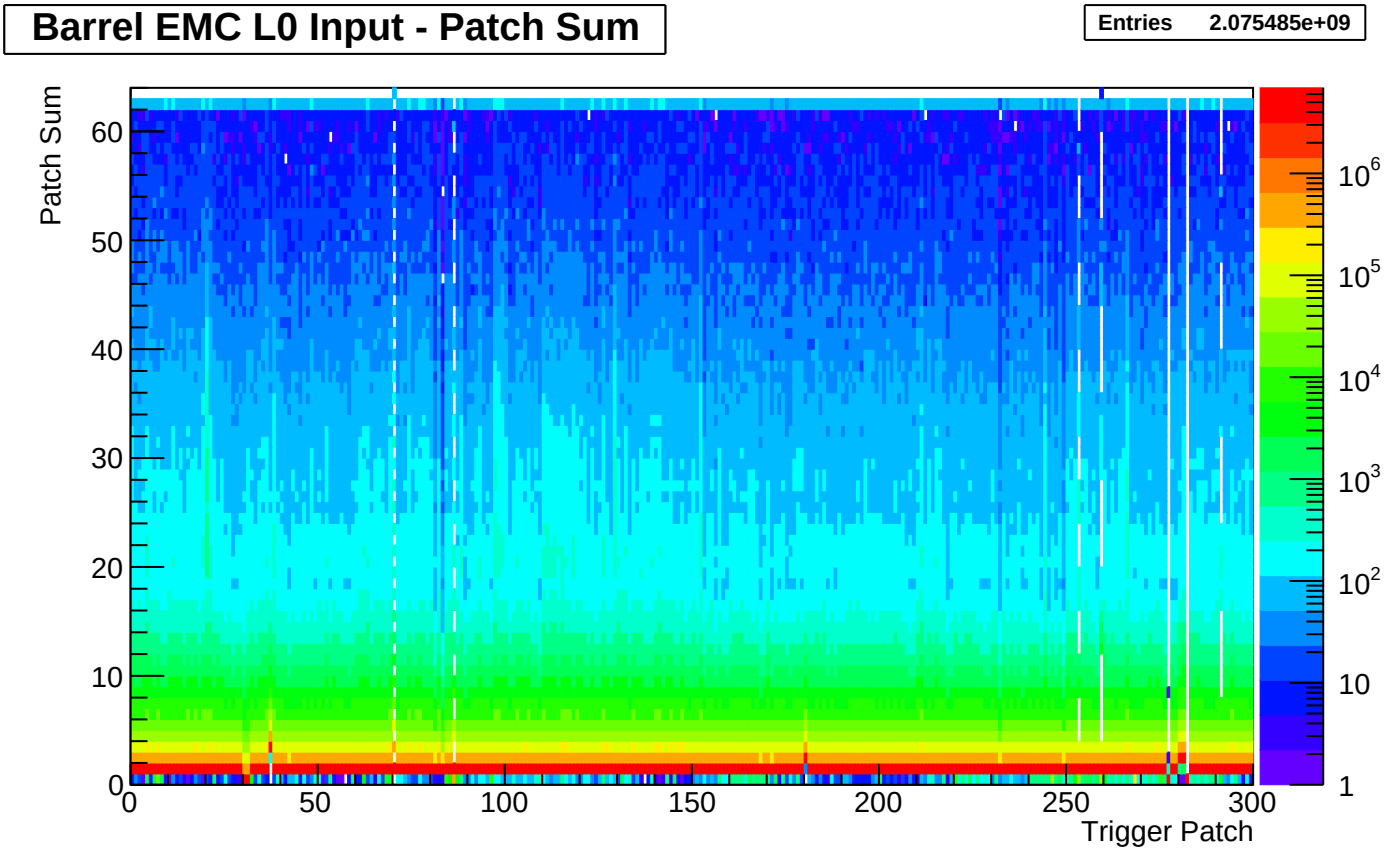
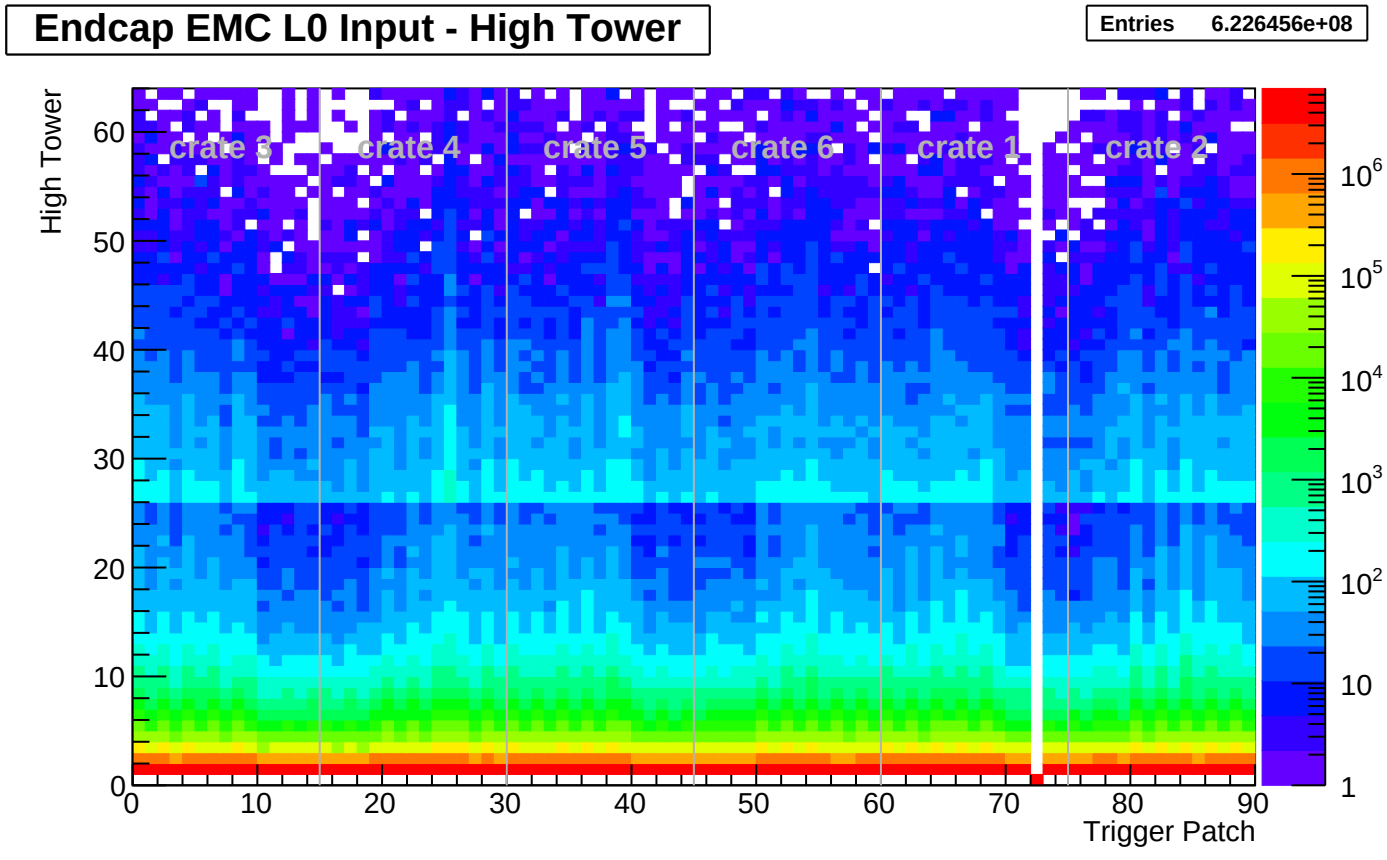
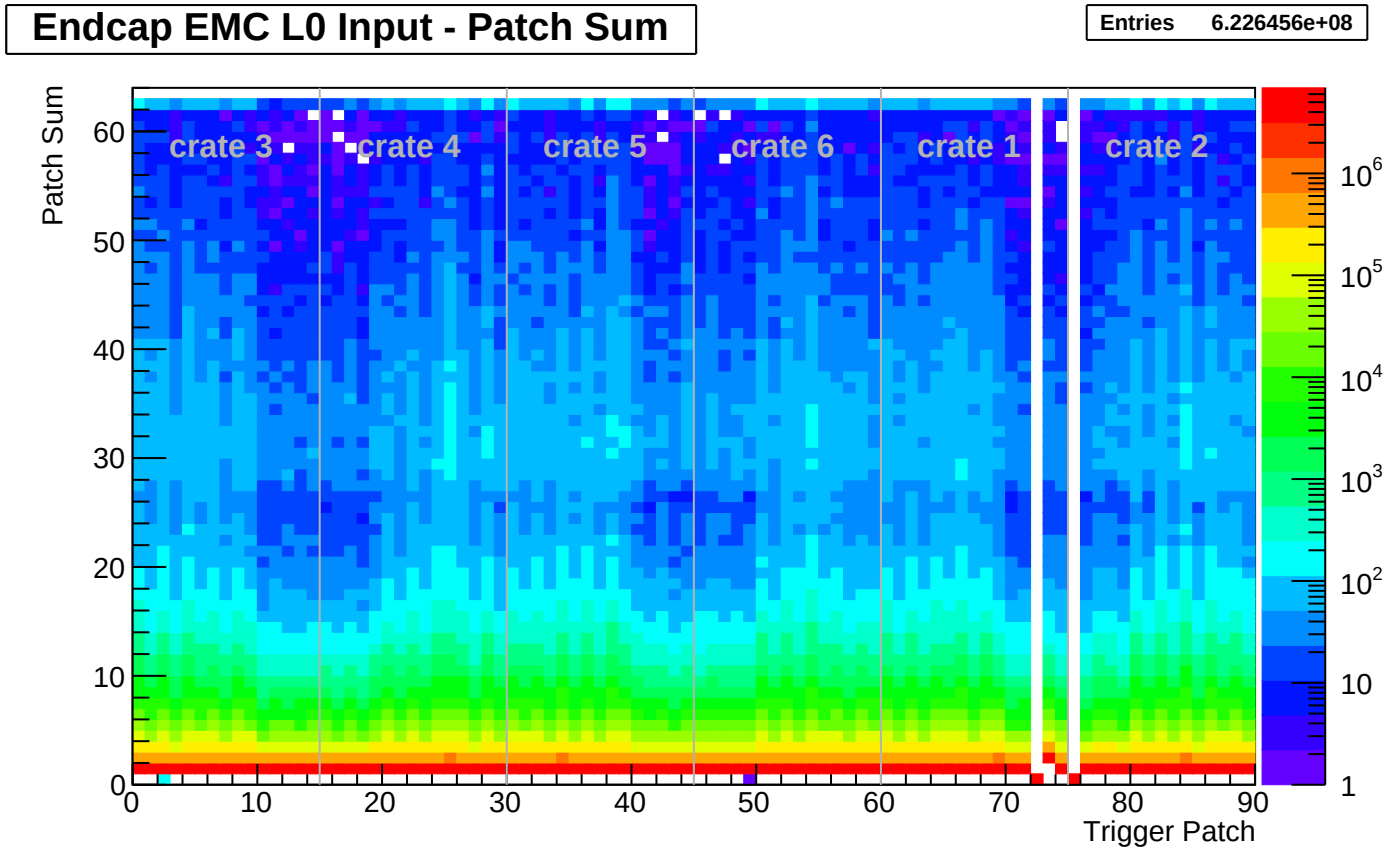
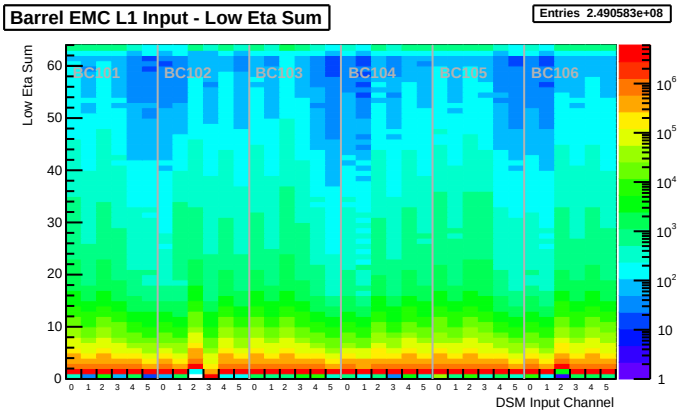
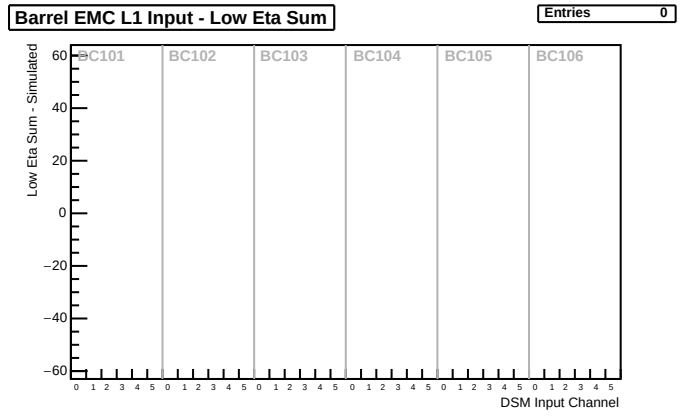

Barrel EMC L0 Input - High Tower
Entries 2.075485e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

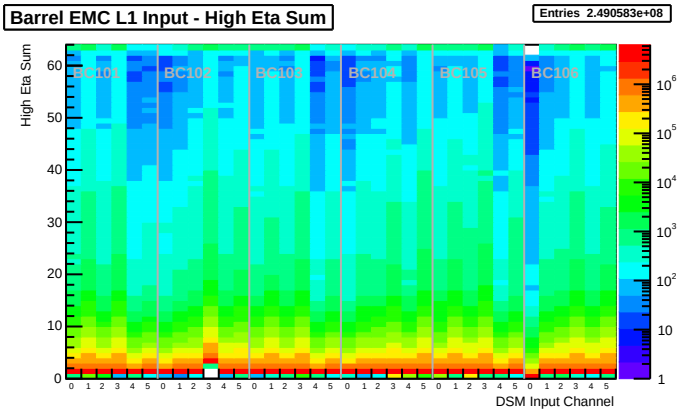

Barrel EMC L0 Input - Patch Sum
Entries 2.075485e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

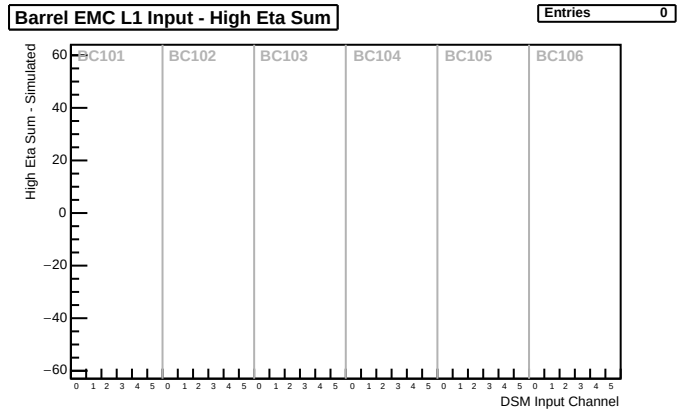

Endcap EMC L0 Input - High Tower
Entries 6.226456e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

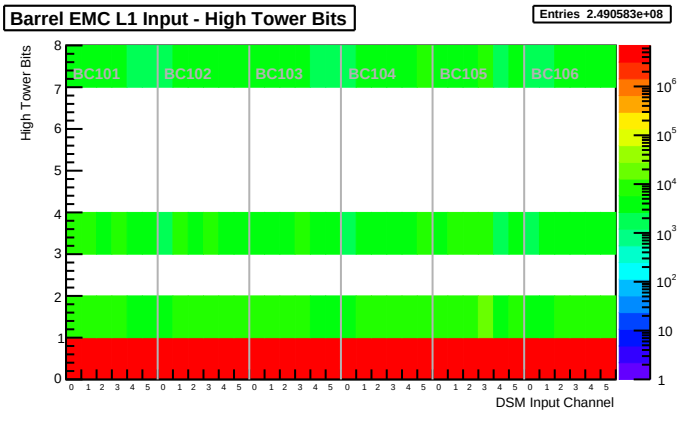

Endcap EMC L0 Input - Patch Sum
Entries 6.226456e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

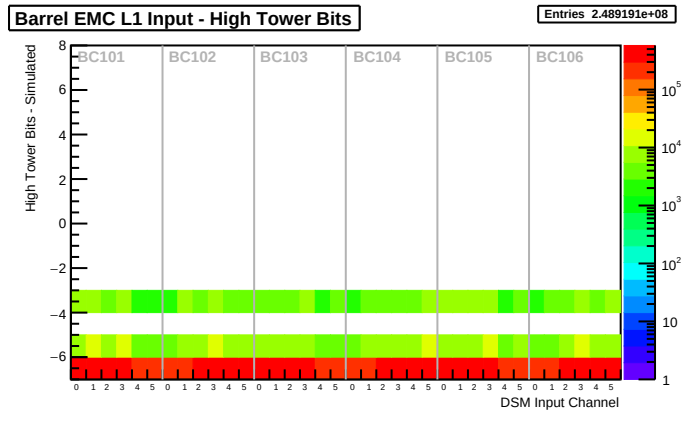

Barrel EMC L1 Input - Low Eta Sum
Entries 2.490583e+08
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

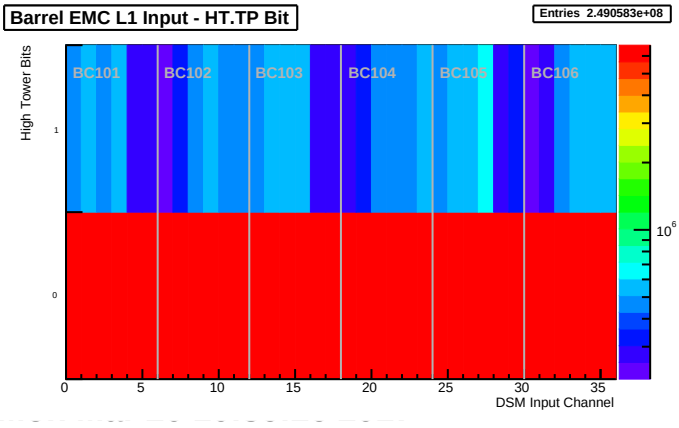

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

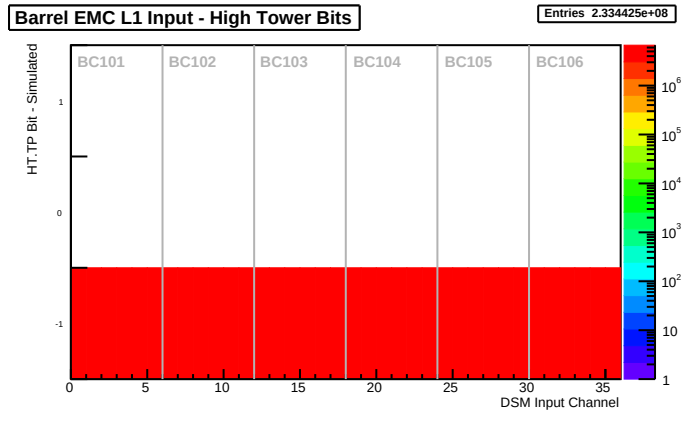

Barrel EMC L1 Input - High Eta Sum
Entries 2.490583e+08
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

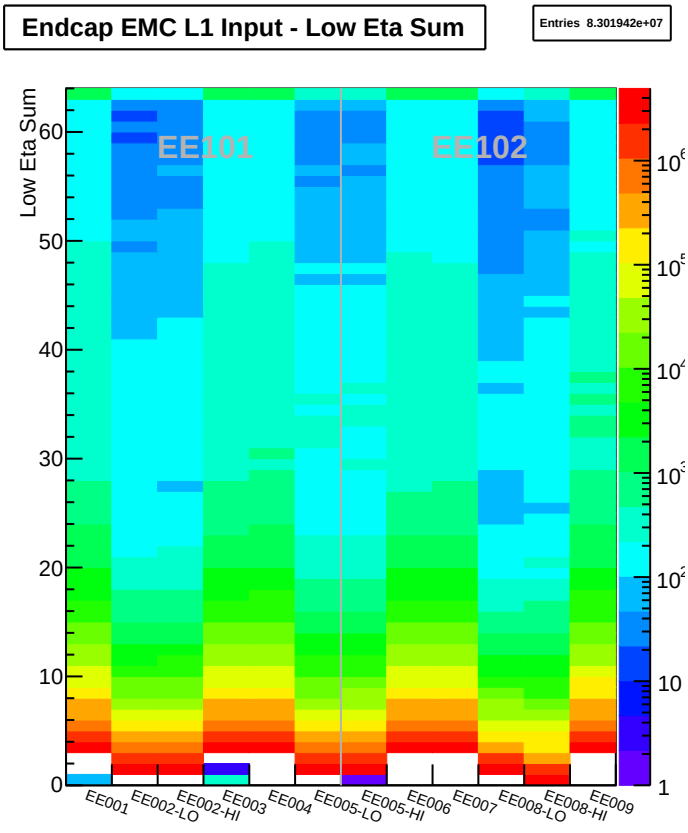

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

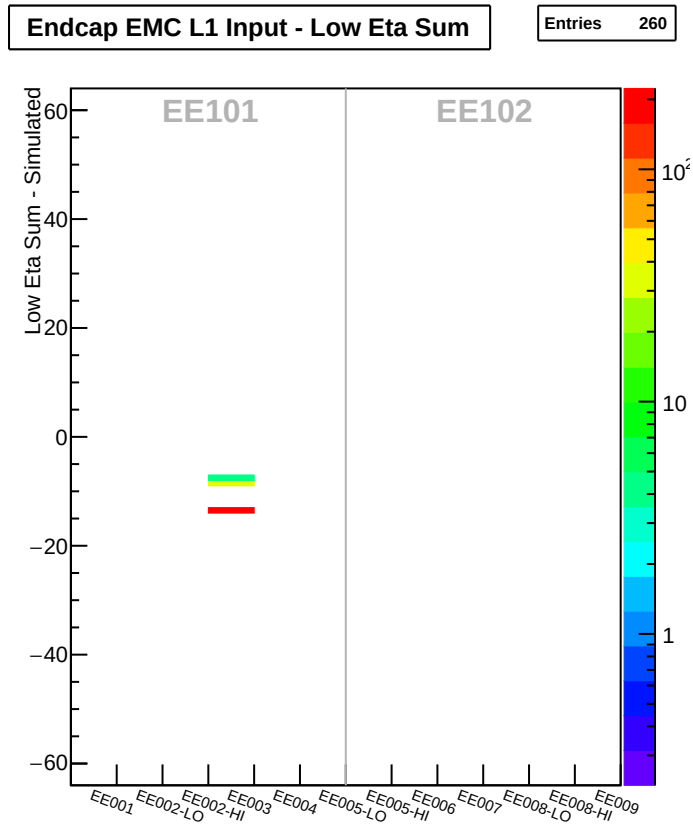

Barrel EMC L1 Input - High Tower Bits
Entries 2.490583e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

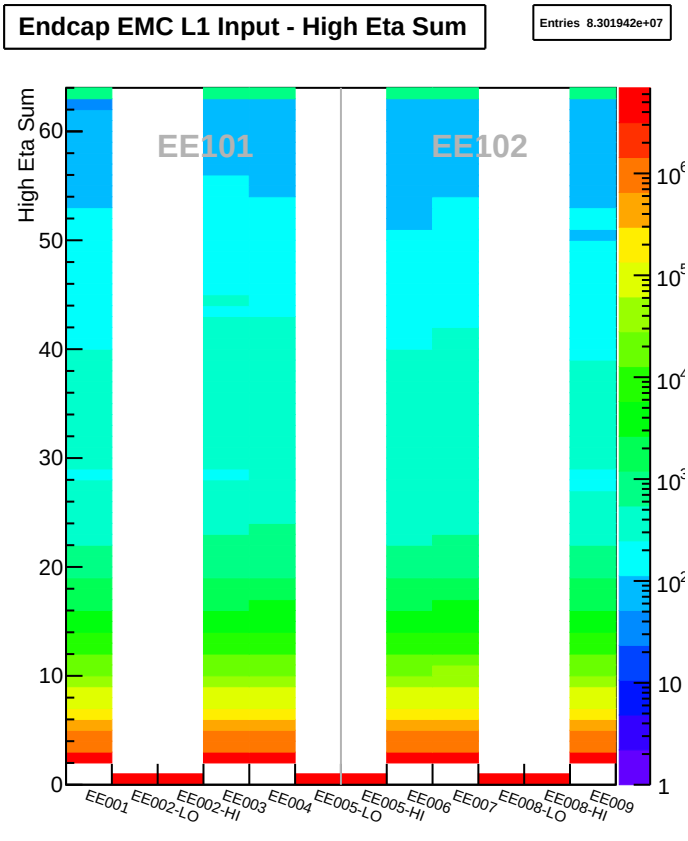

Barrel EMC L1 Input - High Tower Bits
Entries 2.489191e+08
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

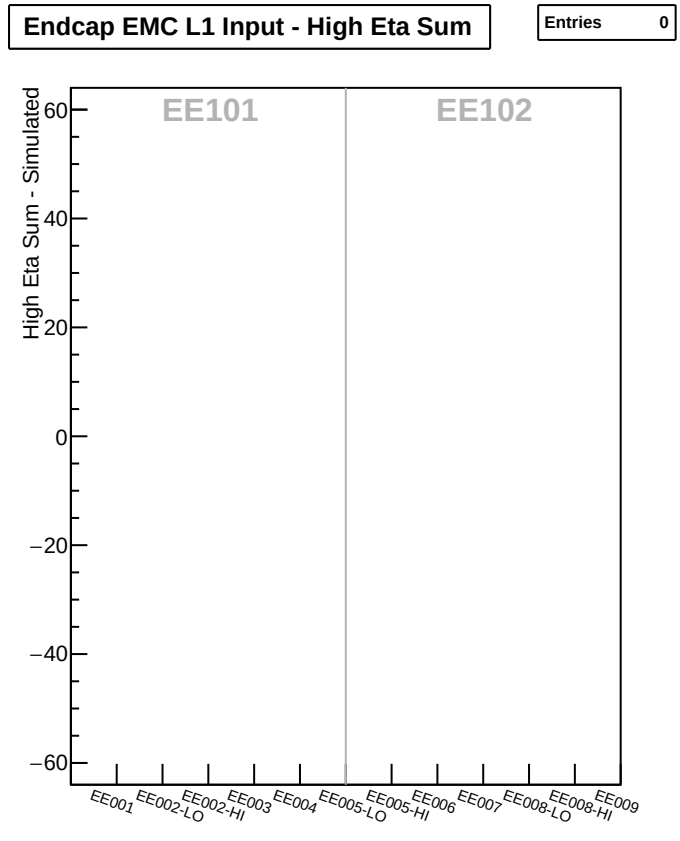

Barrel EMC L1 Input - HT.TP Bit
Entries 2.490583e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

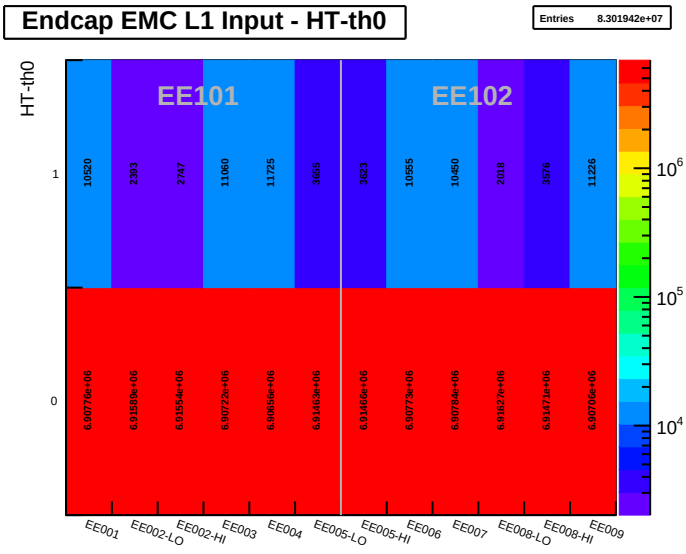

Barrel EMC L1 Input - High Tower Bits
Entries 2.334425e+08
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

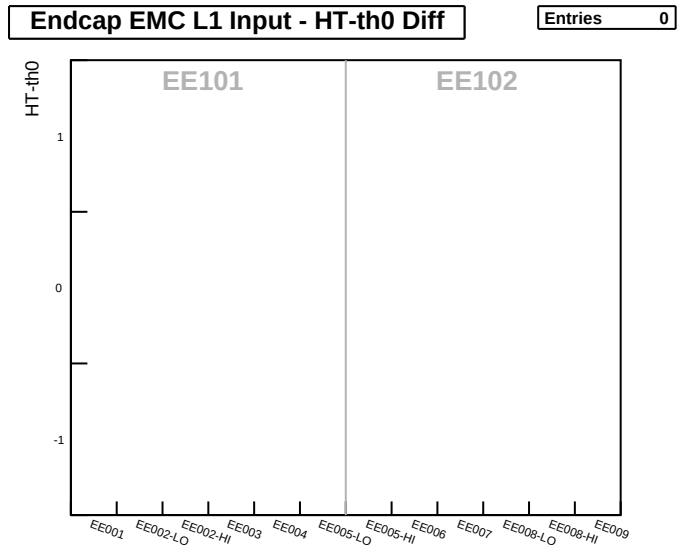

Endcap EMC L1 Input - Low Eta Sum
Entries 8.301942e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

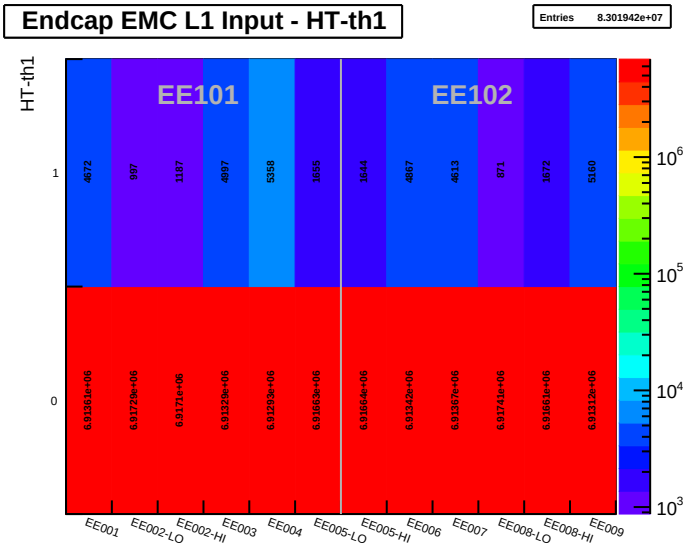

Endcap EMC L1 Input - Low Eta Sum
Entries 260
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

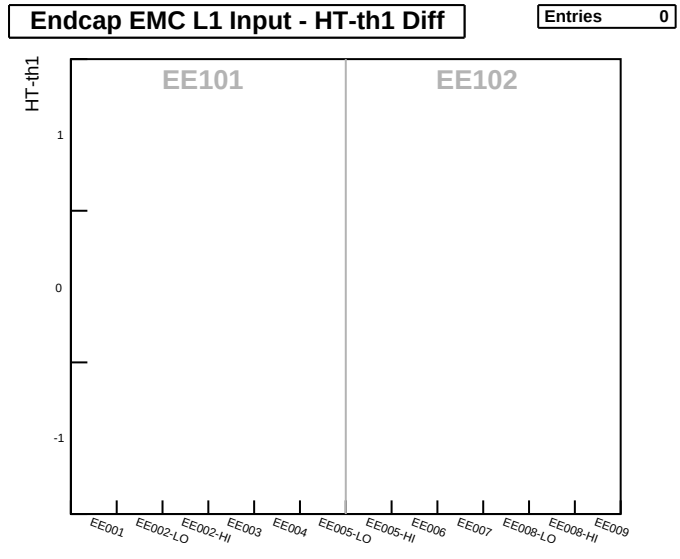

Endcap EMC L1 Input - High Eta Sum
Entries 8.301942e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

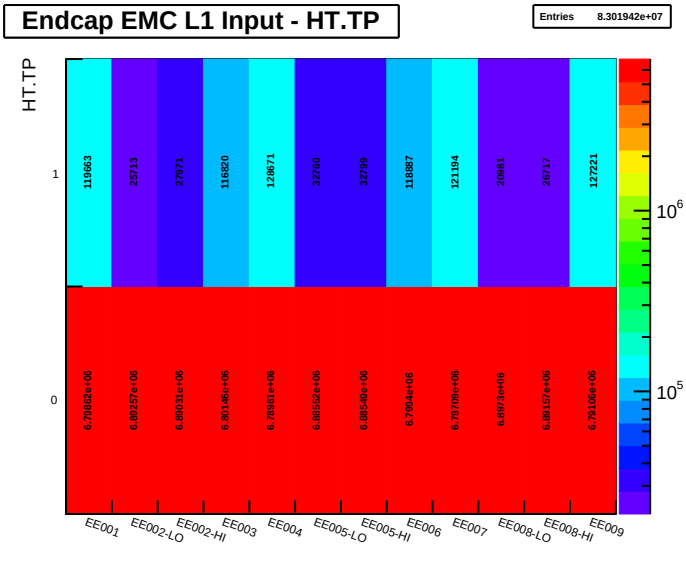

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

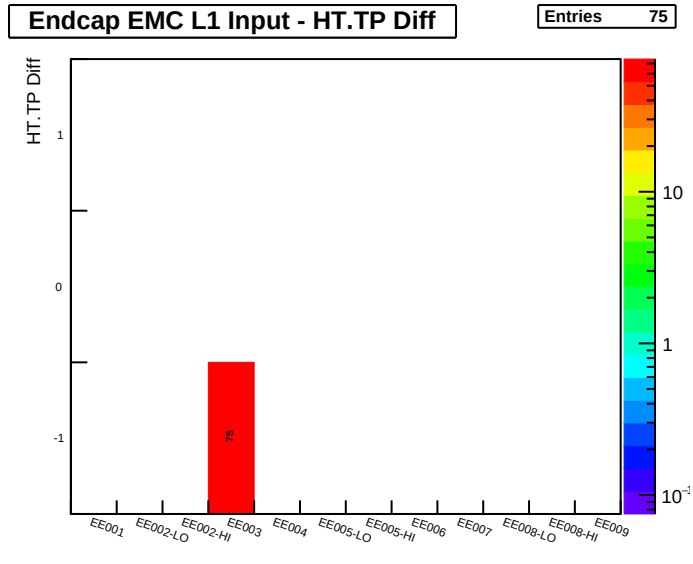

Endcap EMC L1 Input - HT-th0
Entries 8.301942e+07
HT-th0
EE101
EE102
10520 2393 2747 11060 11725 3655 3623 10555 10450 2018 3576 11226
6.90776e+06 6.91589e+06 6.91554e+06 6.90722e+06 6.90656e+06 6.91463e+06 6.91466e+06 6.90773e+06 6.90784e+06 6.91627e+06 6.91471e+06 6.90706e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

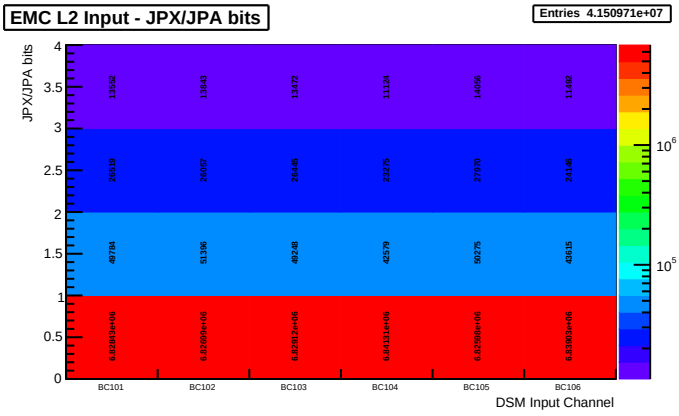

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

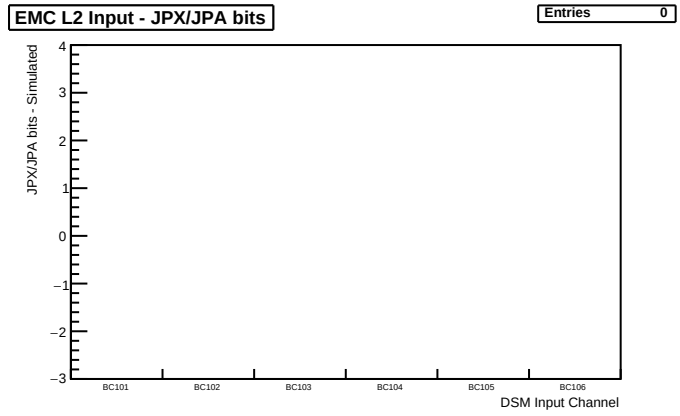

Endcap EMC L1 Input - HT-th1
Entries 8.301942e+07
HT-th1
EE101
EE102
4672 997 1187 4997 5358 1655 1544 4867 4613 971 1572 5160
6.91361e+06 6.91729e+06 6.91171e+06 6.91329e+06 6.91293e+06 6.91663e+06 6.91664e+06 6.91342e+06 6.91357e+06 6.91741e+06 6.91661e+06 6.91312e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

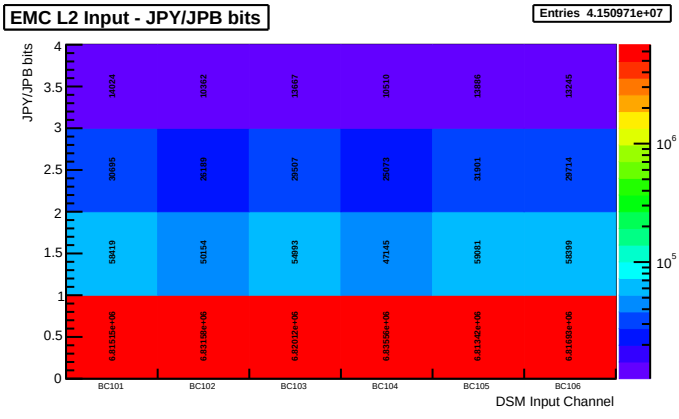

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

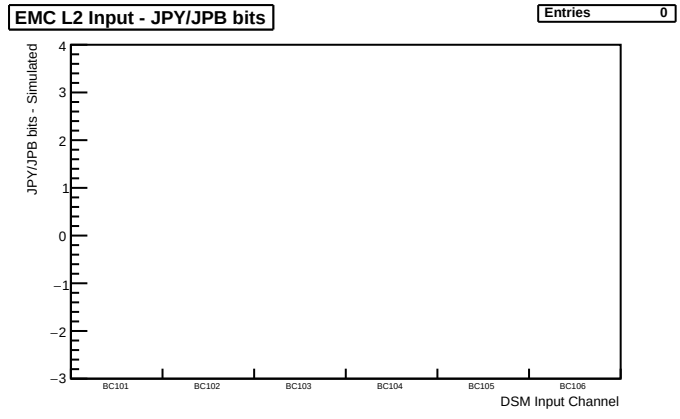

Endcap EMC L1 Input - HT.TP
Entries 8.301942e+07
HT.TP
119963 25713 27971 116820 128671 32760 32799 118887 121194 20881 26717 127221
6.79862e+06 6.89257e+06 6.80031e+06 6.80146e+06 6.78961e+06 6.88552e+06 6.88549e+06 6.7994e+06 6.79709e+06 6.8972e+06 6.88157e+06 6.79106e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

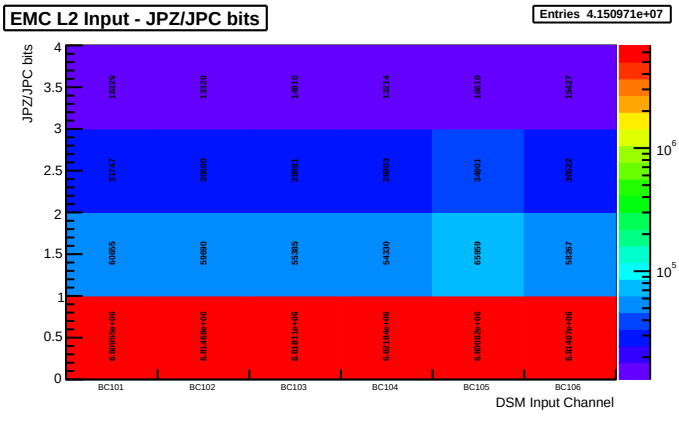

Endcap EMC L1 Input - HT.TP Diff
Entries 75
HT.TP Diff
75
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

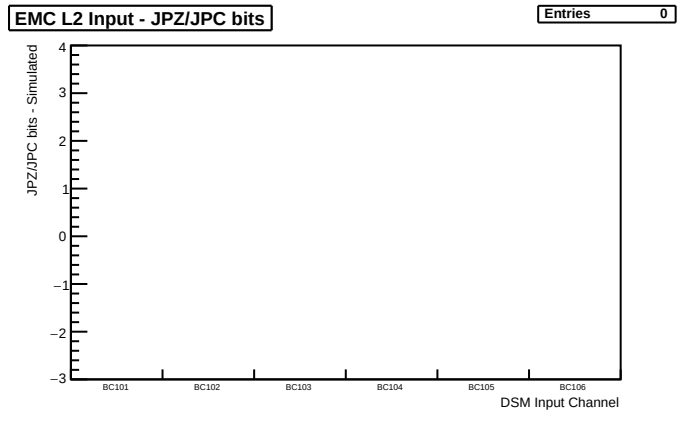

EMC L2 Input - JPX/JPA bits
Entries 4.150971e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13552
13943
13472
11124
14056
11402
26519
26957
26445
23275
27970
24146
49784
51396
49248
42579
50275
43615
6.82843e+06
6.82689e+06
6.82912e+06
6.84131e+06
6.82998e+06
6.83902e+06

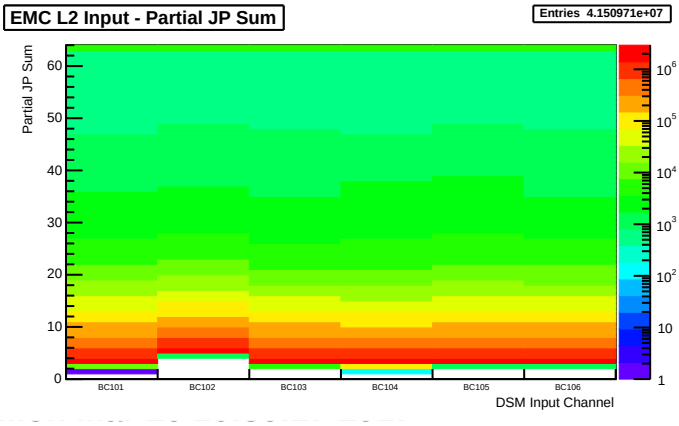

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

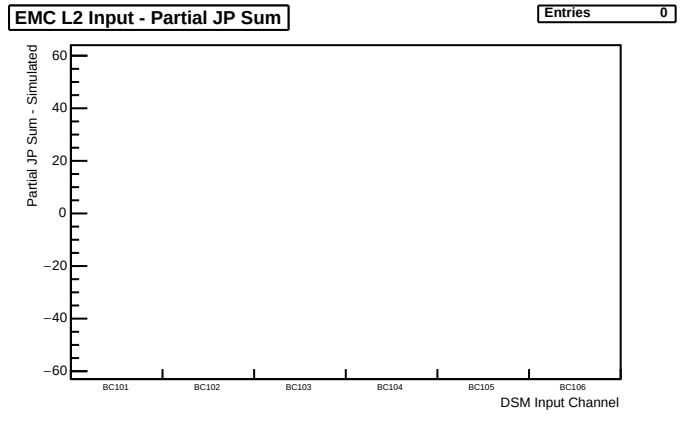

EMC L2 Input - JPY/JPB bits
Entries 4.150971e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14024
10362
13667
10510
13886
13245
30695
26189
29507
25073
31901
29714
58419
50154
54993
47145
59081
58399
6.81515e+06
6.83159e+06
6.82022e+06
6.83556e+06
6.81342e+06
6.81693e+06

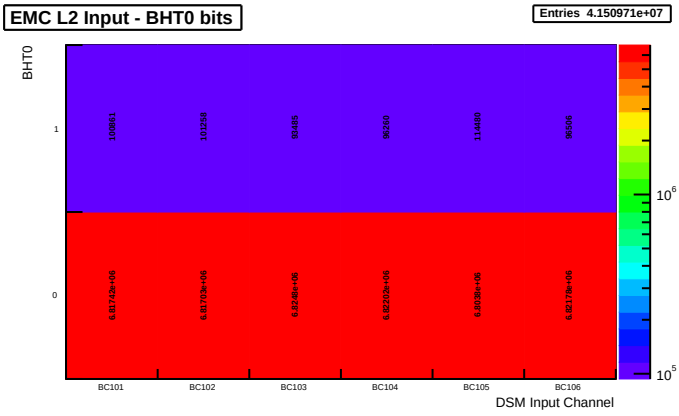

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

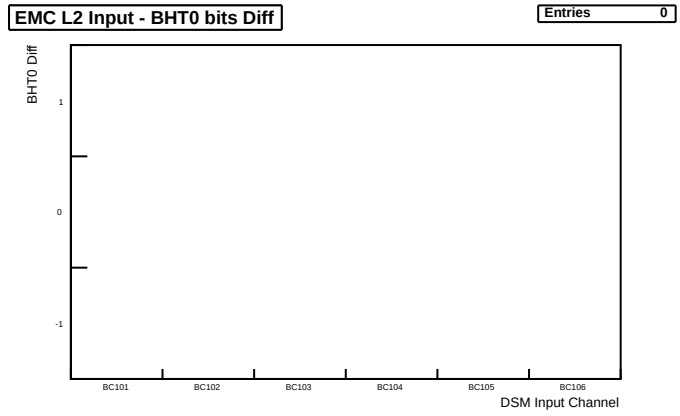

EMC L2 Input - JPZ/JPC bits
Entries 4.150971e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
16329
13320
14610
13214
16610
15427
31747
30600
28831
28803
34601
30622
60655
59980
55385
54330
65969
58267
6.80955e+06
6.81458e+06
6.81811e+06
6.82134e+06
6.80982e+06
6.81407e+06

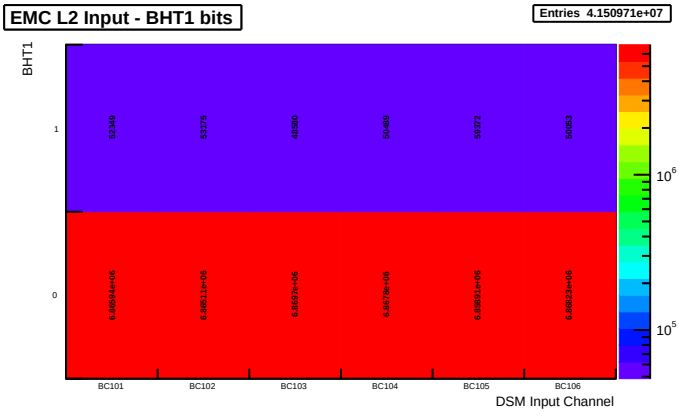

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

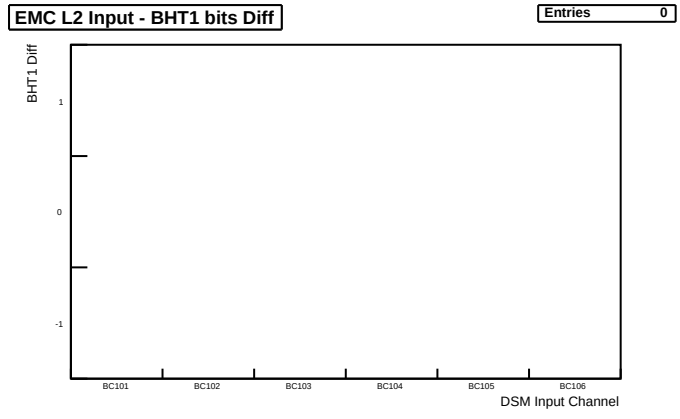

EMC L2 Input - Partial JP Sum
Entries 4.150971e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

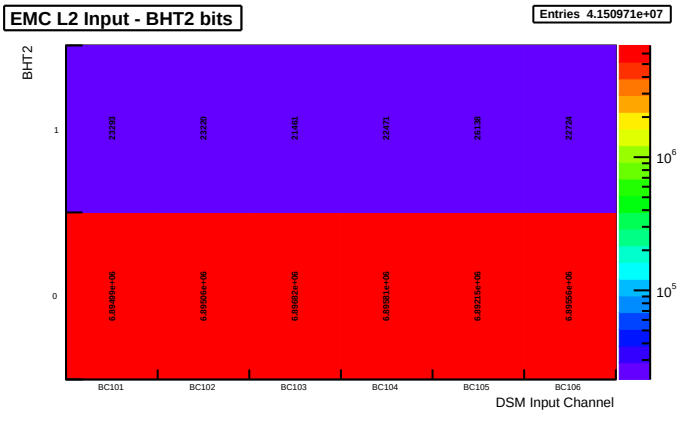

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

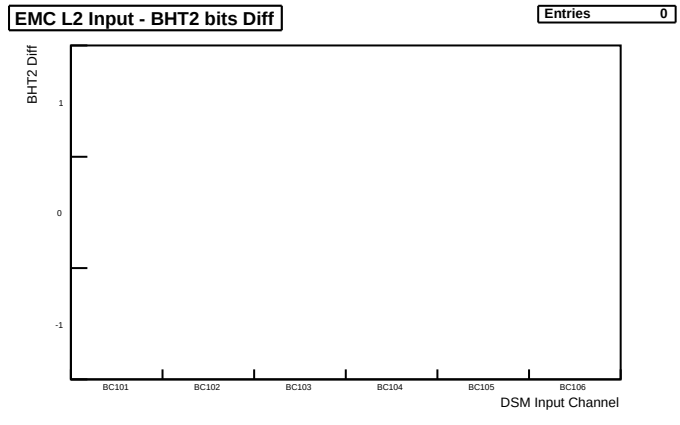

EMC L2 Input - BHT0 bits
Entries 4.150971e+07
BHT0
1
0
100861
101248
95485
95260
114480
96505
6.81742e+06
6.81703e+06
6.82486e+06
6.82202e+06
6.82038e+06
6.82178e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

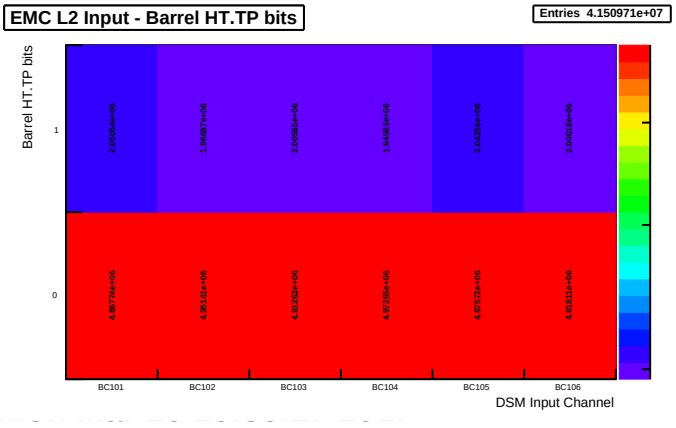

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

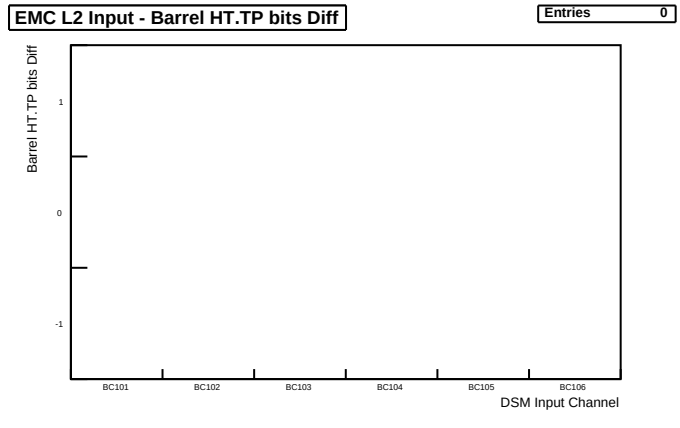

EMC L2 Input - BHT1 bits
Entries 4.150971e+07
BHT1
1
0
52349
53175
49580
50489
53372
50053
6.86934e+06
6.86811e+06
6.86976e+06
6.86778e+06
6.86931e+06
6.86923e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

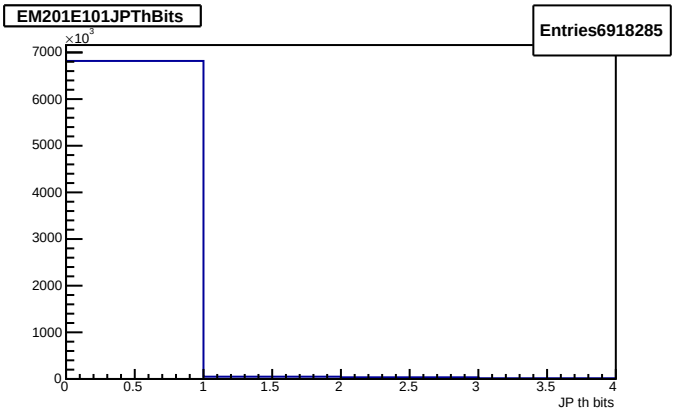

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

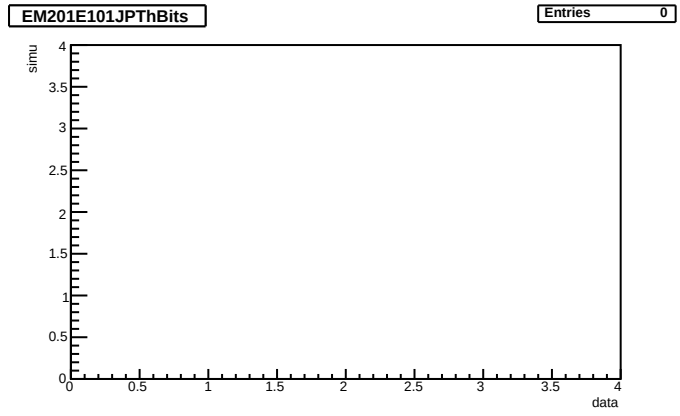

EMC L2 Input - BHT2 bits
Entries 4.150971e+07
BHT2
1
0
23233
23220
21461
22471
26138
22724
6.89499e+06
6.89956e+06
6.89982e+06
6.89931e+06
6.89215e+06
6.89556e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

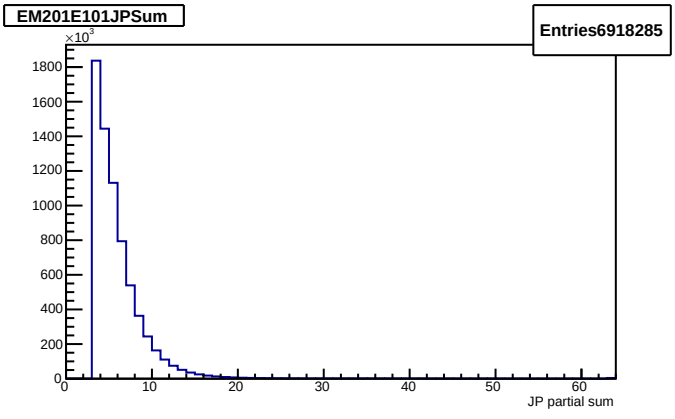

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

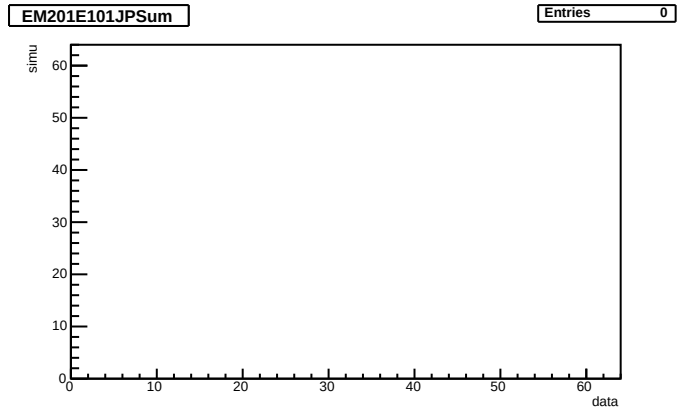

EMC L2 Input - Barrel HT.TP bits
Entries 4.150971e+07
Barrel HT.TP bits
1
0
2.03564e+06
1.96697e+06
2.00565e+06
1.94553e+06
2.04256e+06
2.00018e+06
4.86774e+06
4.95141e+06
4.91263e+06
4.97285e+06
4.87572e+06
4.91811e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

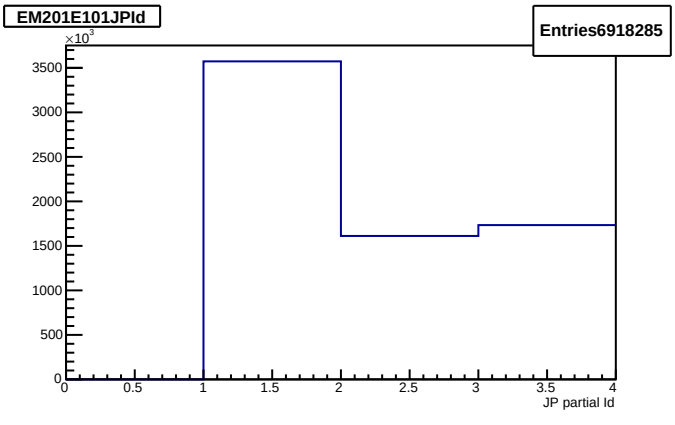

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

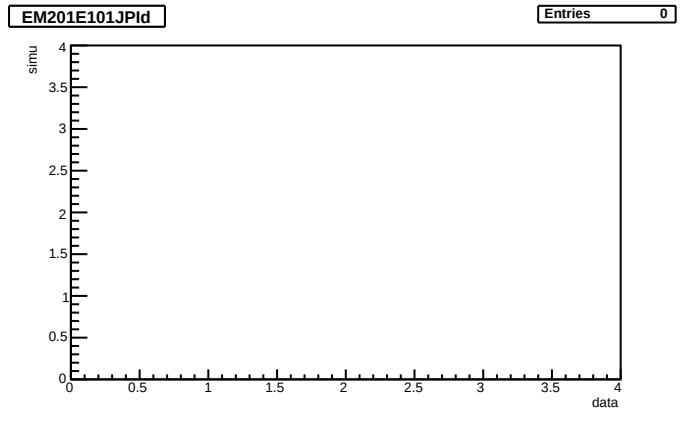

EM201E101JPThBits
Entries6918285
×10^3
JP th bits

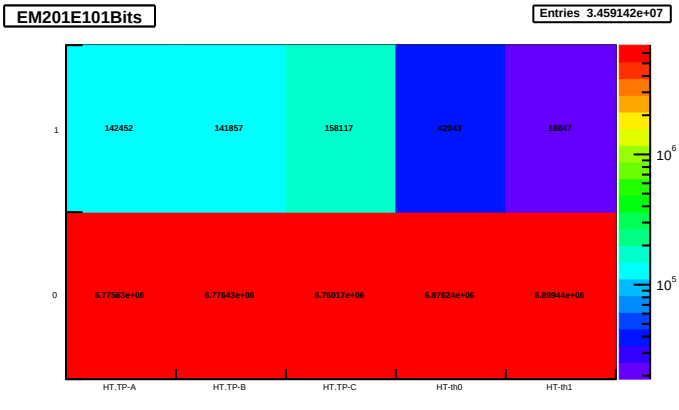

EM201E101JPThBits
Entries 0
simu
data

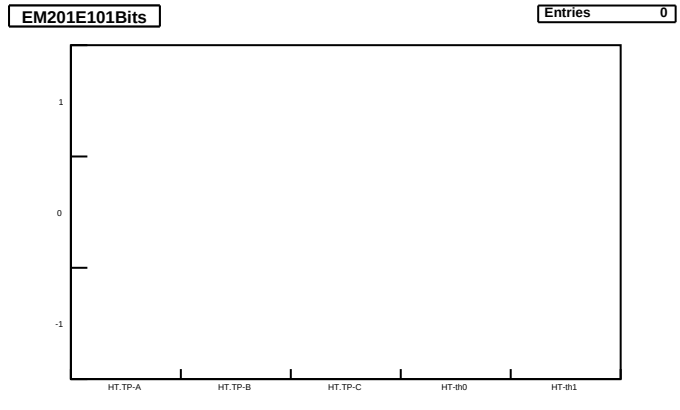

EM201E101JPSum
Entries6918285
×10^3
JP partial sum

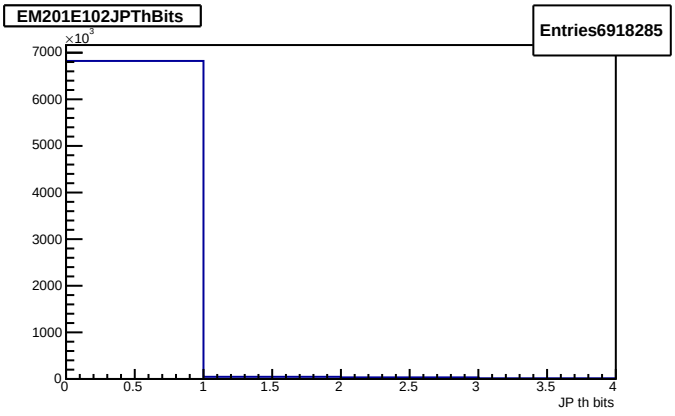

EM201E101JPSum
Entries 0
simu
data

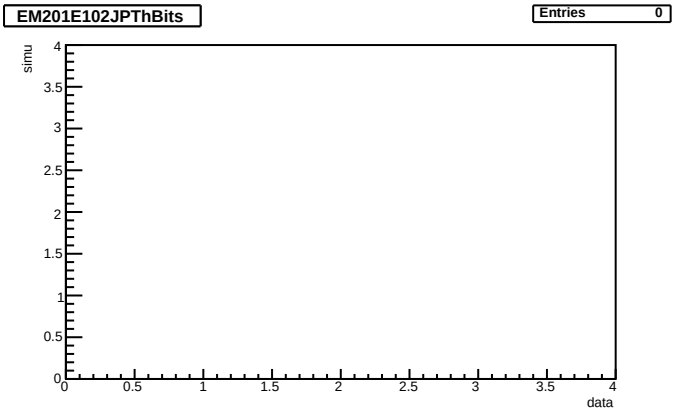

EM201E101JPId
Entries6918285
×10^3
JP partial Id

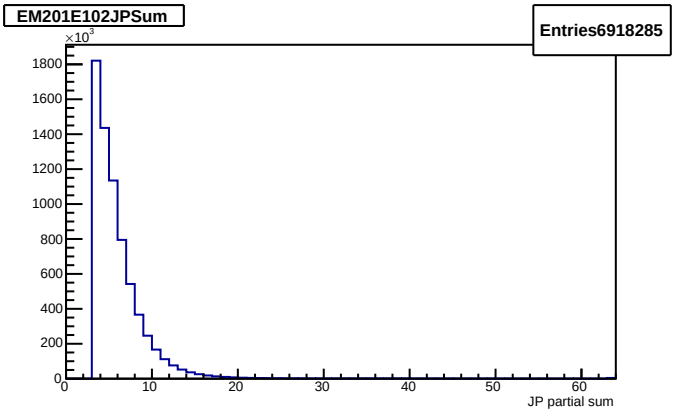

EM201E101JPId
Entries 0
simu
data

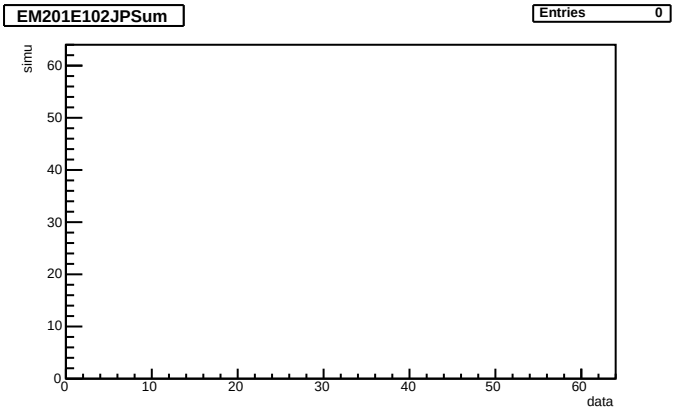

EM201E101Bits
Entries 3.459142e+07
142452
141857
158117
42043
18847
6.77583e+06
6.77643e+06
6.76017e+06
6.87624e+06
6.89944e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

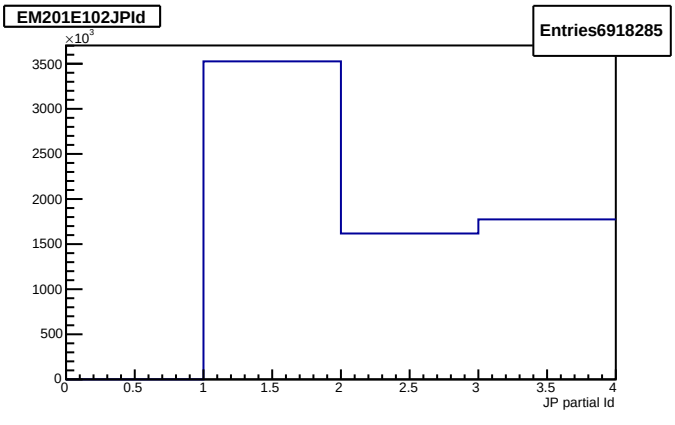

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

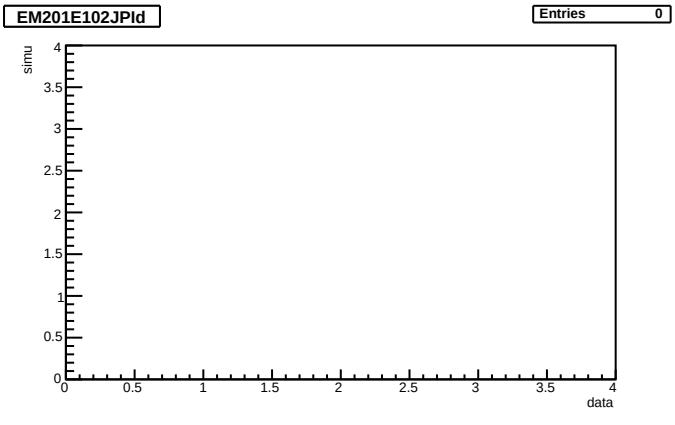

EM201E102JPThBits
Entries6918285
JP th bits

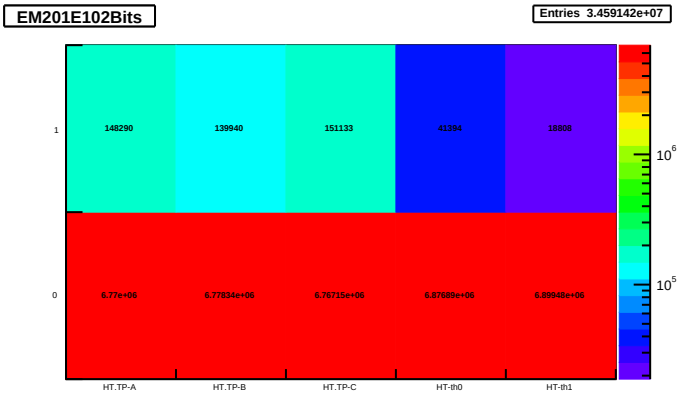

EM201E102JPThBits
Entries 0
simu
data

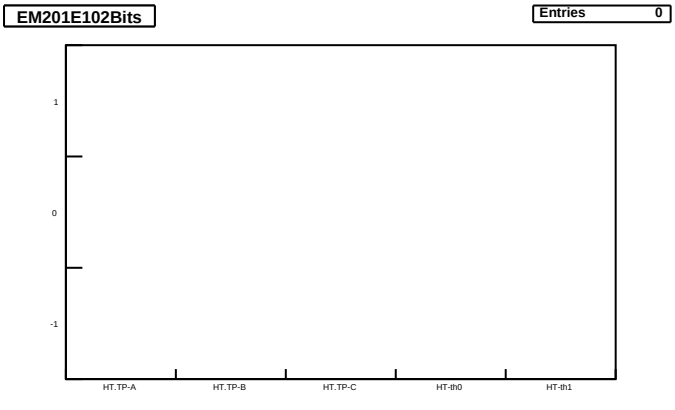

EM201E102JPSum
Entries6918285
JP partial sum

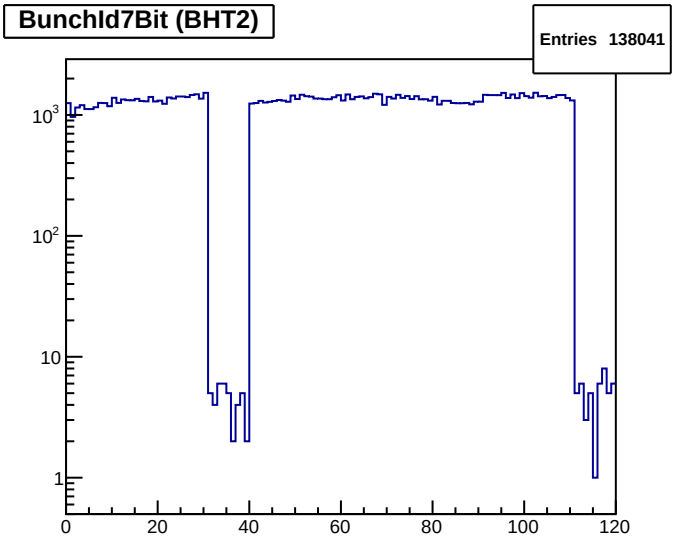

EM201E102JPSum
Entries 0
simu
data

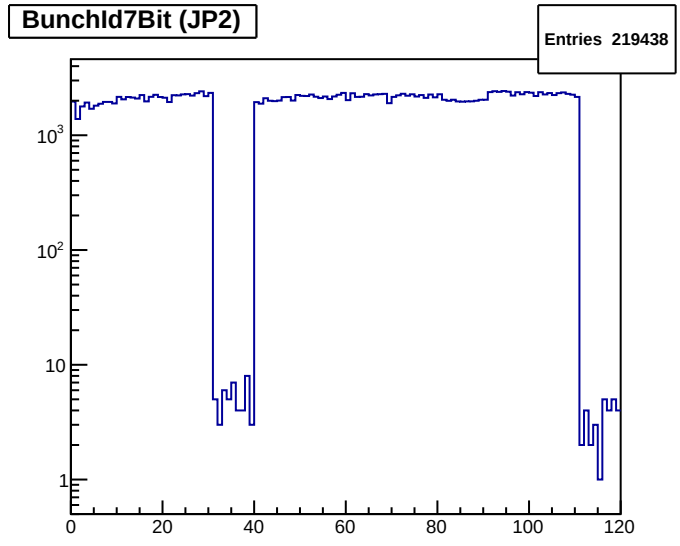

EM201E102JPId
Entries6918285
JP partial Id

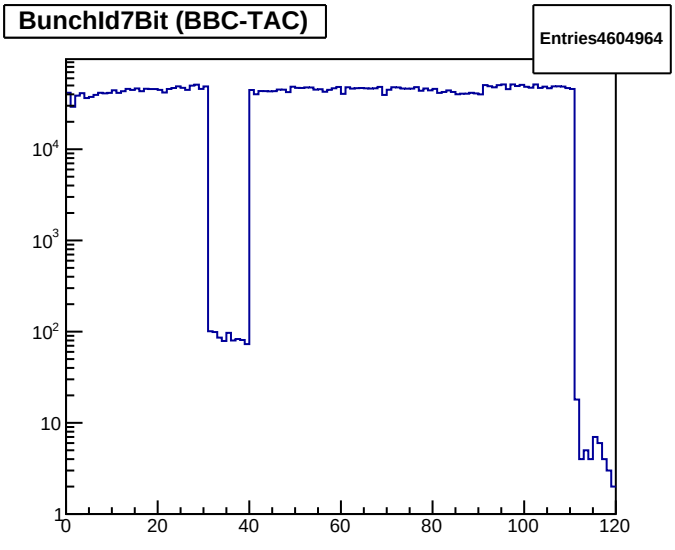

EM201E102JPId
Entries 0
simu
data

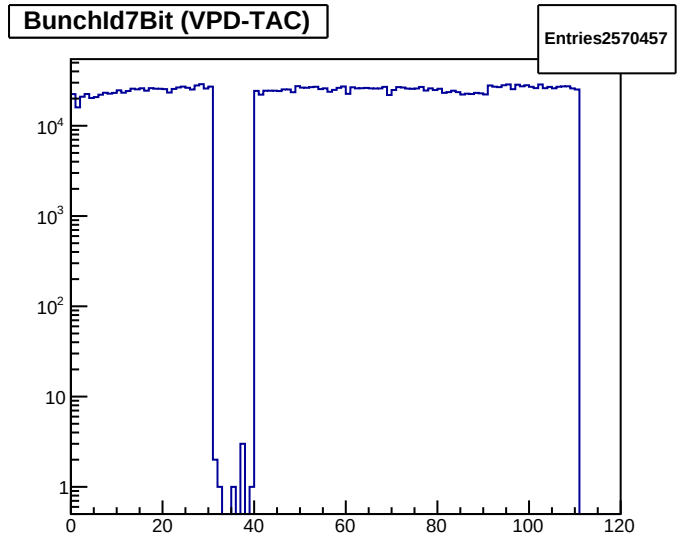

EM201E102Bits
Entries 3.459142e+07
148290
139940
151133
41394
18808
6.77e+06
6.77834e+06
6.76715e+06
6.87689e+06
6.89948e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

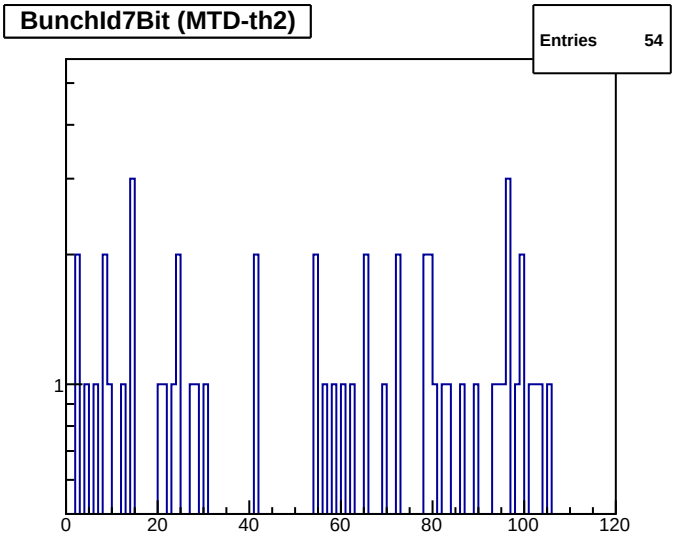

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

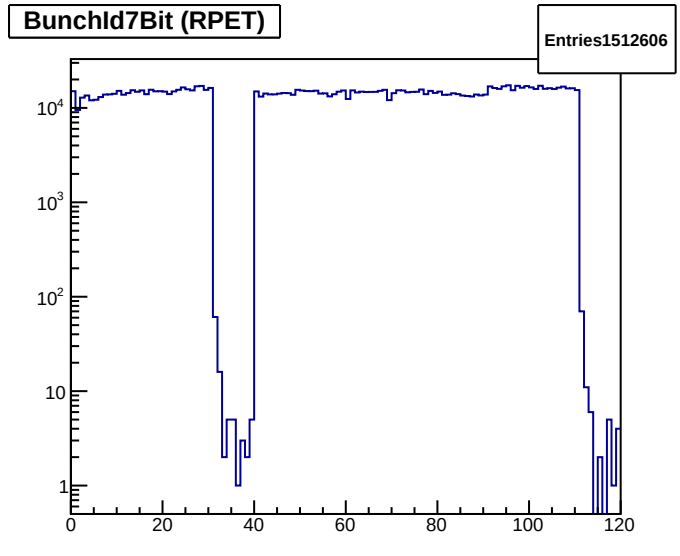

BunchId7Bit (BHT2)
Entries 138041

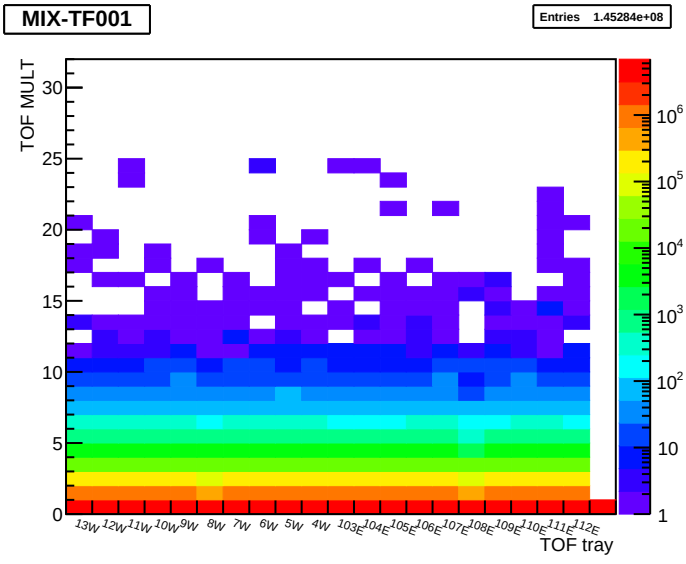

BunchId7Bit (JP2)
Entries 219438

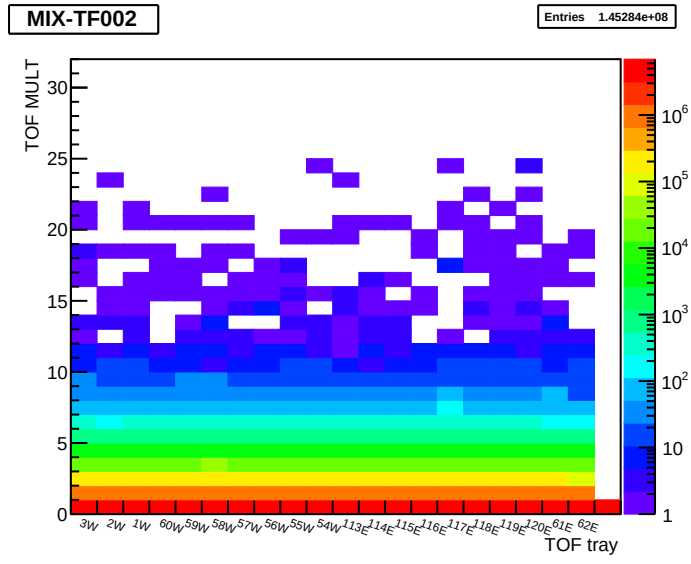

BunchId7Bit (BBC-TAC)
Entries4604964

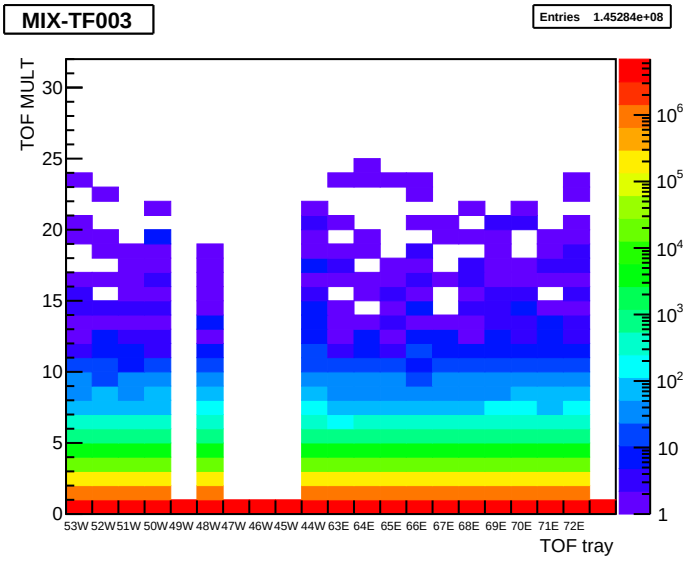

BunchId7Bit (VPD-TAC)
Entries2570457

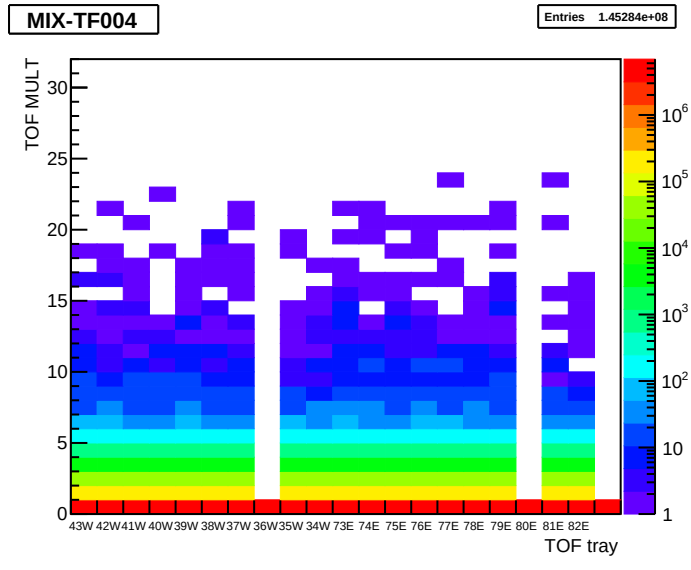

BunchId7Bit (MTD-th2)
Entries 54

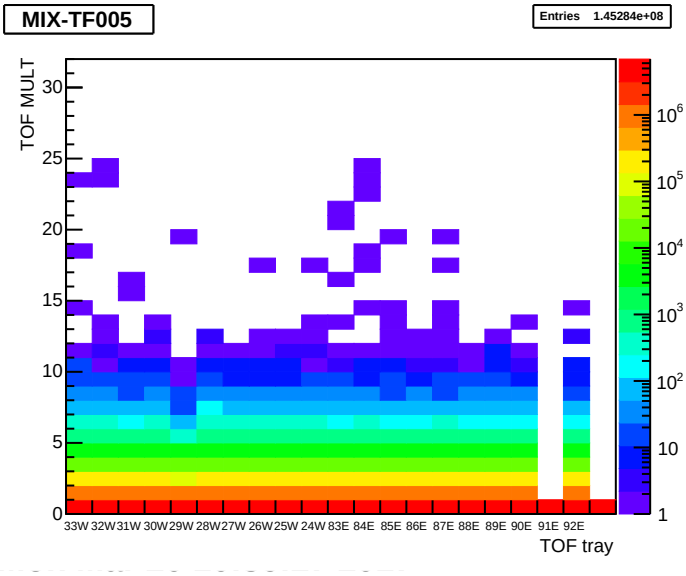

BunchId7Bit (RPET)
Entries1512606

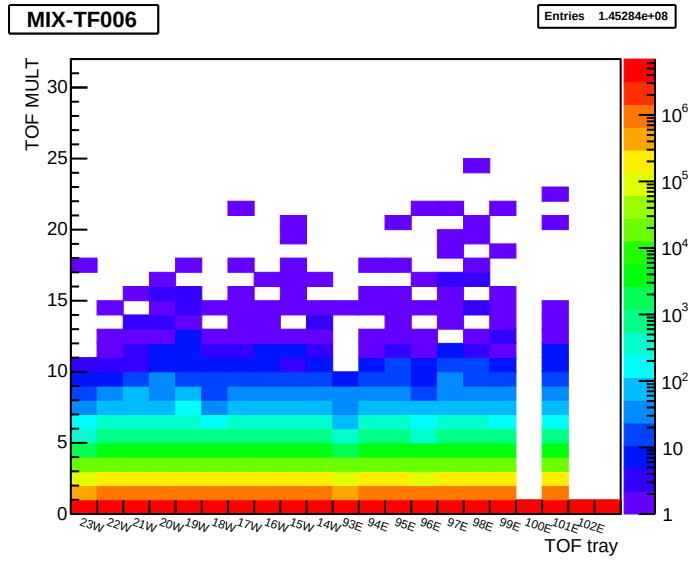

MIX-TF001
Entries 1.45284e+08
TOF MULT
TOF tray

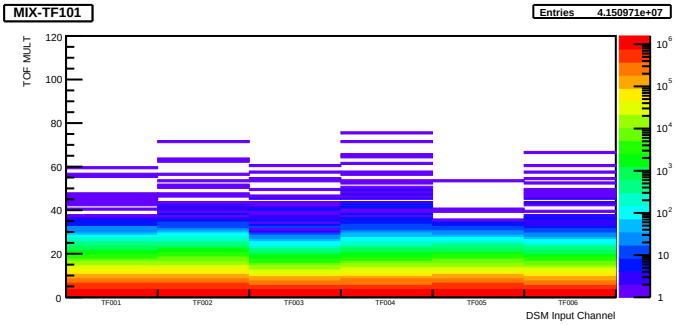

MIX-TF002
Entries 1.45284e+08
TOF MULT
TOF tray

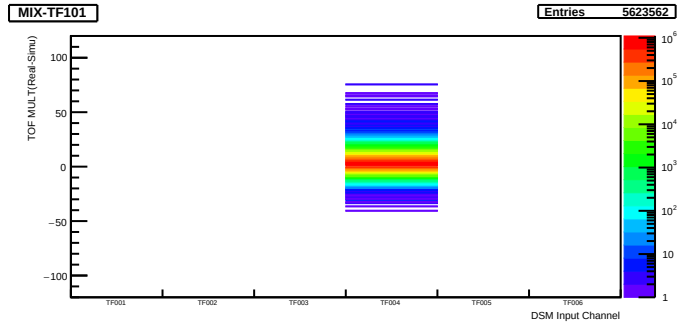

MIX-TF003
Entries 1.45284e+08
TOF MULT
TOF tray

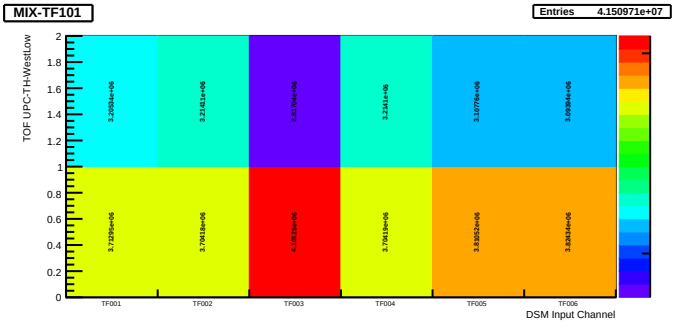

MIX-TF004
Entries 1.45284e+08
TOF MULT
TOF tray

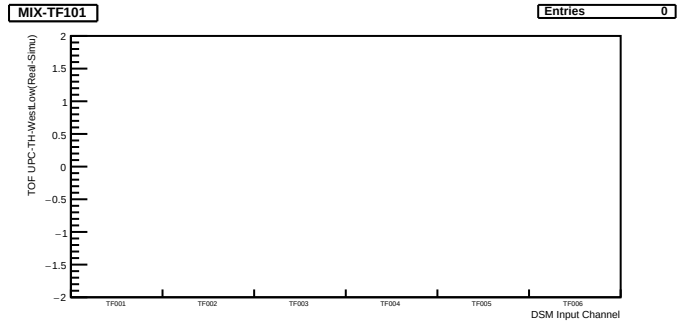

MIX-TF005
Entries 1.45284e+08
TOF MULT
TOF tray

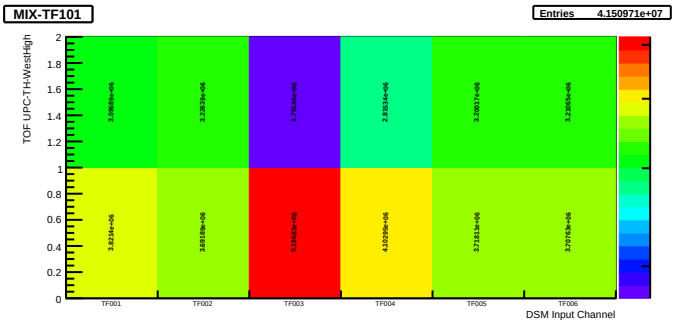

MIX-TF006
Entries 1.45284e+08
TOF MULT
TOF tray

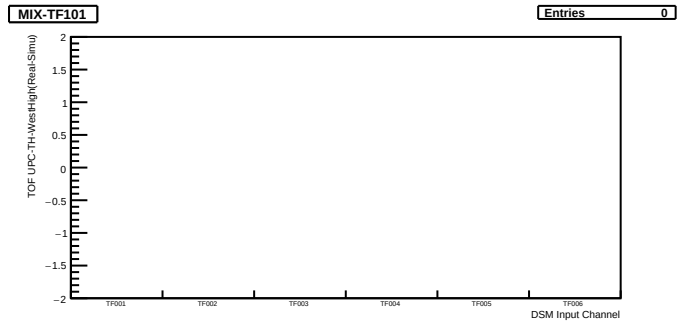

MIX-TF101
Entries 4.150971e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

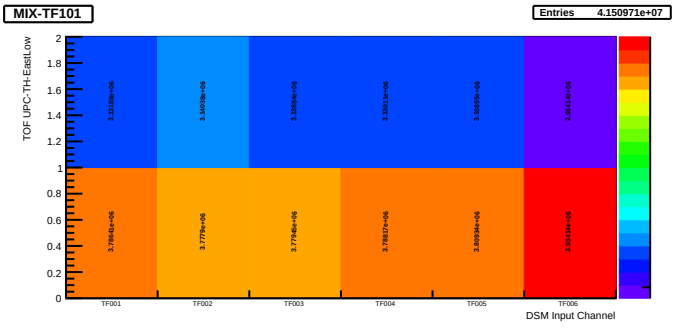

MIX-TF101
Entries 5623562
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

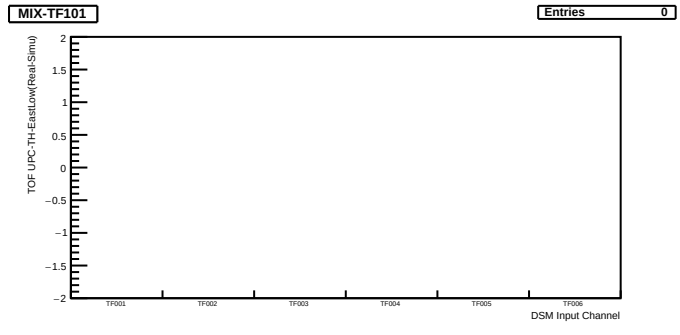

MIX-TF101
Entries 4.150971e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

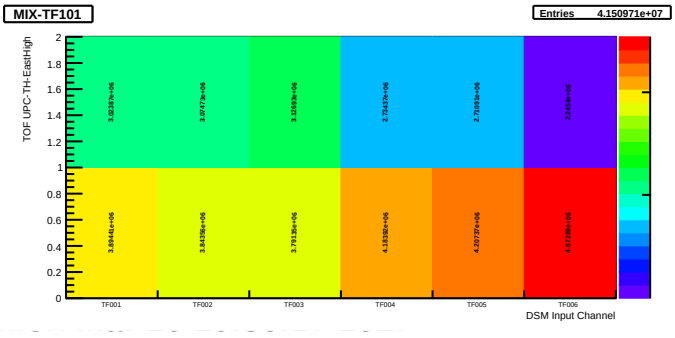

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

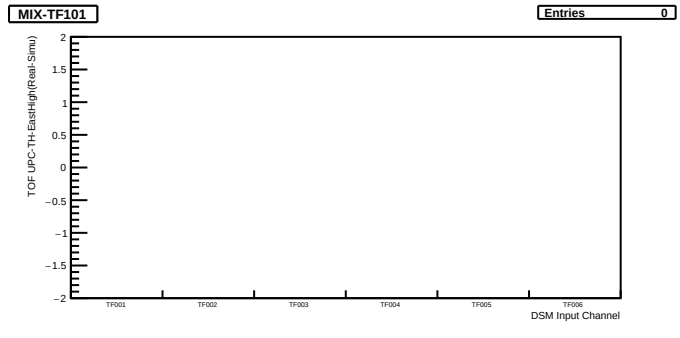

MIX-TF101
Entries 4.150971e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

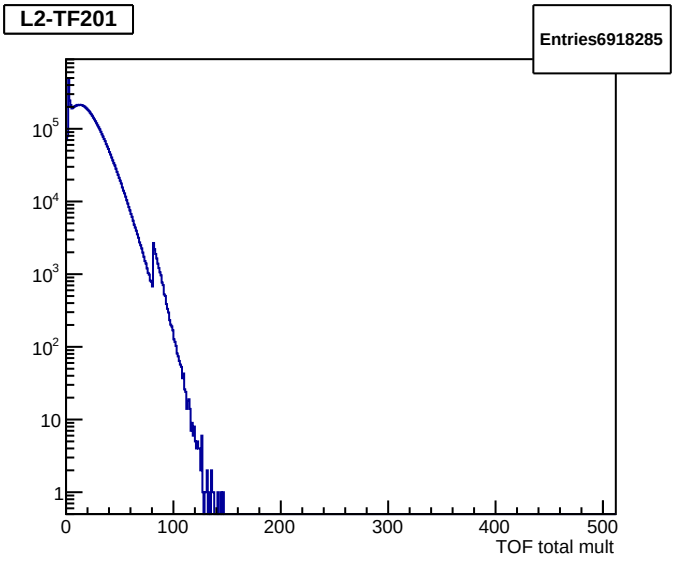

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

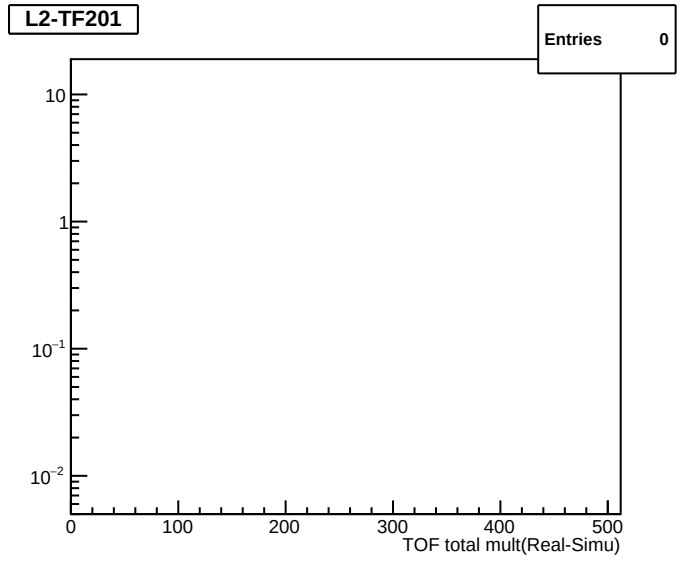

MIX-TF101
Entries 4.150971e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

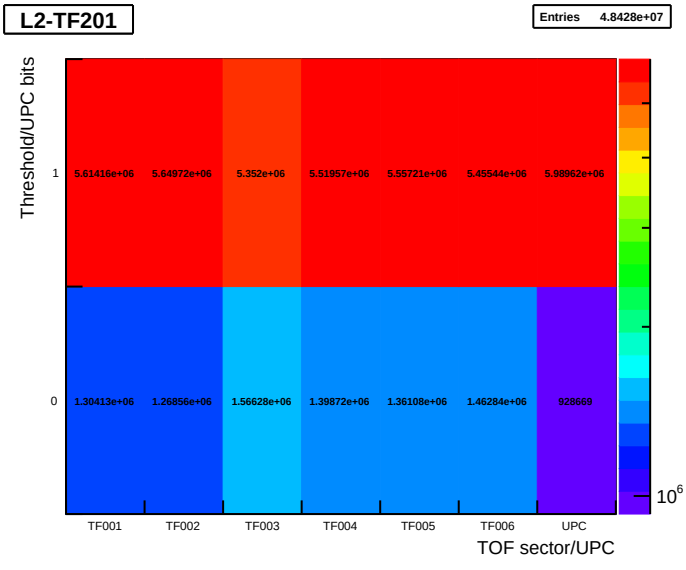

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

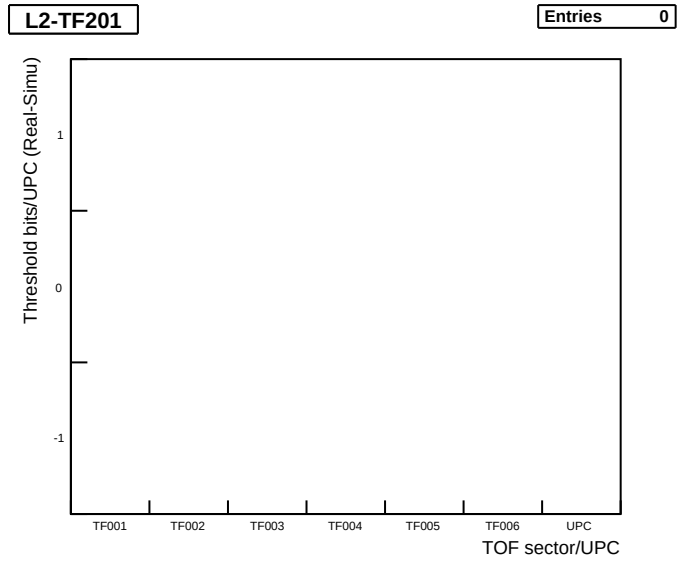

MIX-TF101
Entries 4.150971e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

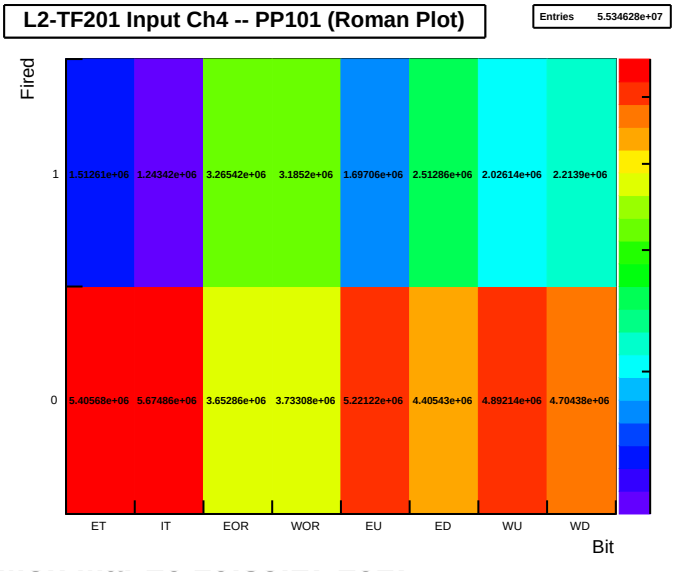

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

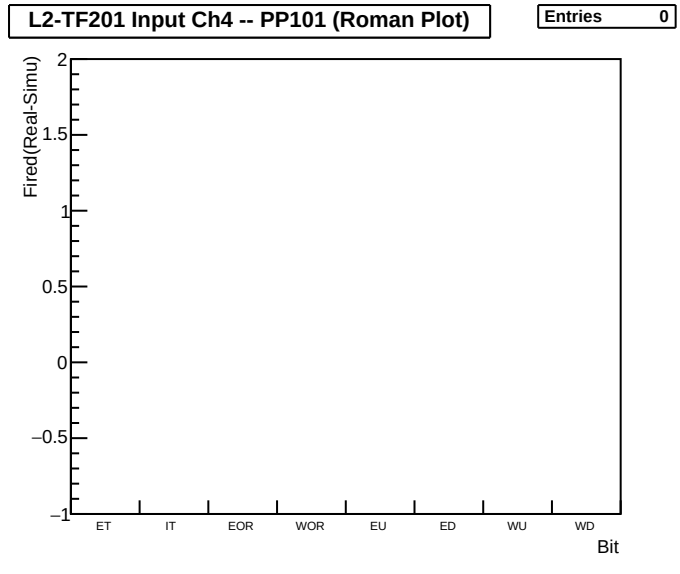

L2-TF201
Entries6918285
TOF total mult

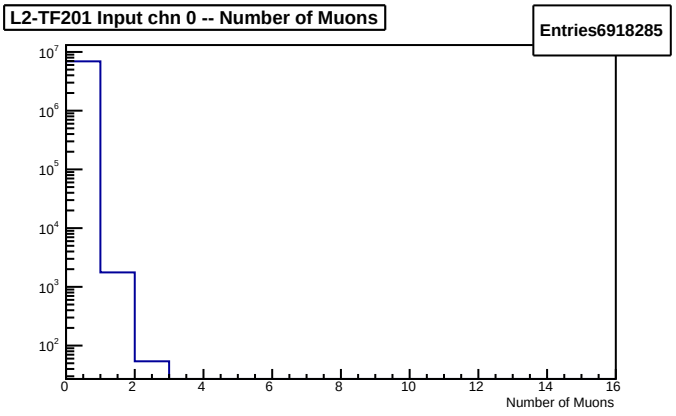

L2-TF201
Entries 0
TOF total mult(Real-Simu)

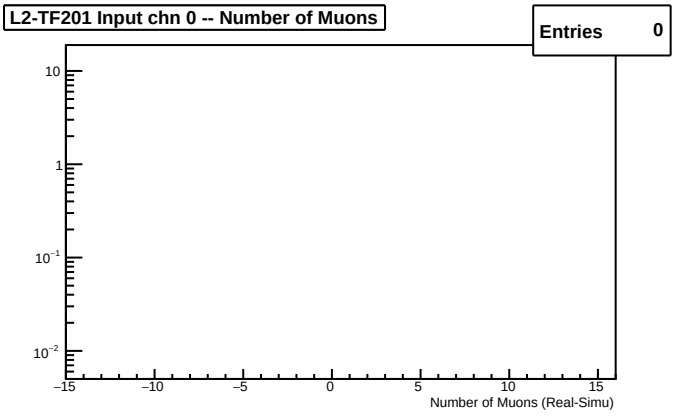

L2-TF201
Entries 4.8428e+07
Threshold/UPC bits
5.61416e+06
5.64972e+06
5.352e+06
5.51957e+06
5.55721e+06
5.45544e+06
5.98962e+06
1.30413e+06
1.26856e+06
1.56628e+06
1.39872e+06
1.36108e+06
1.46284e+06
928669
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

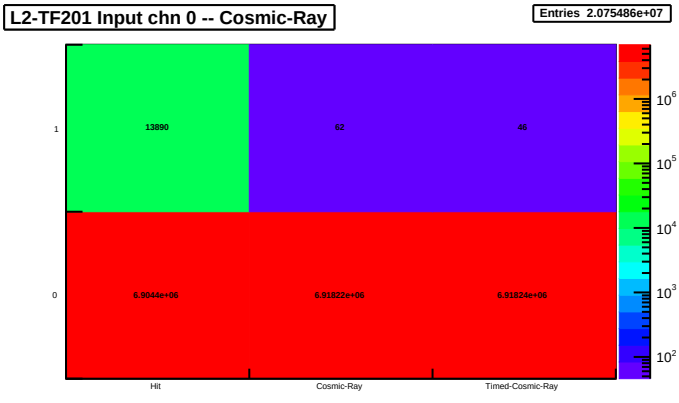

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

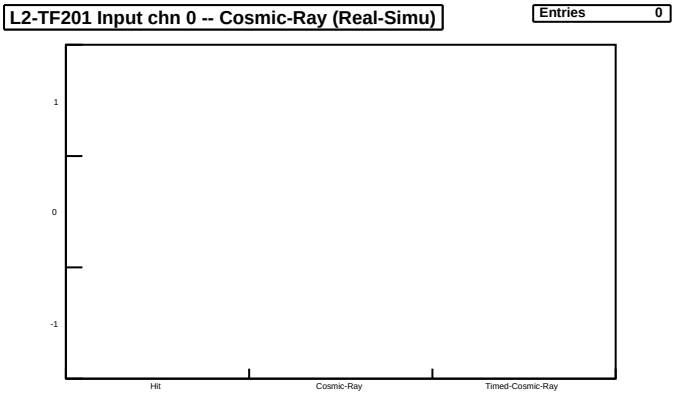

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.534628e+07
Fired
1.51261e+06
1.24342e+06
3.26542e+06
3.1852e+06
1.69706e+06
2.51286e+06
2.02614e+06
2.2139e+06
5.40568e+06
5.67486e+06
3.65286e+06
3.73308e+06
5.22122e+06
4.40543e+06
4.89214e+06
4.70438e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

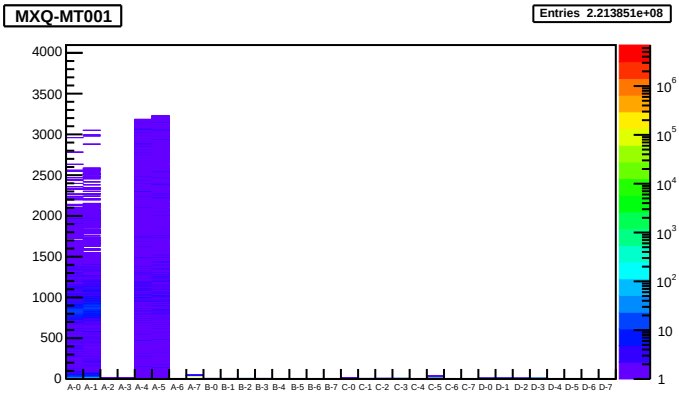

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

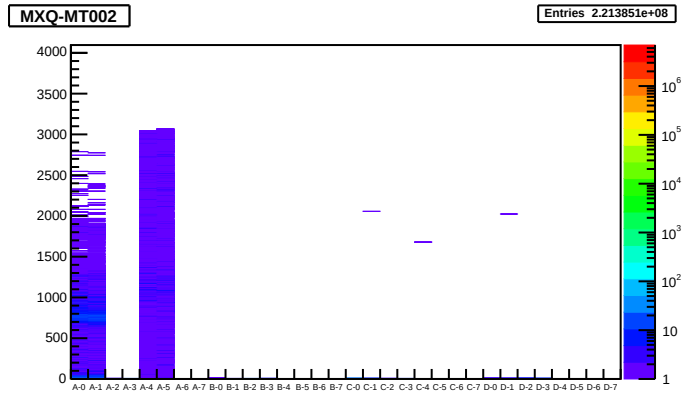

L2-TF201 Input chn 0 -- Number of Muons
Entries6918285
Number of Muons

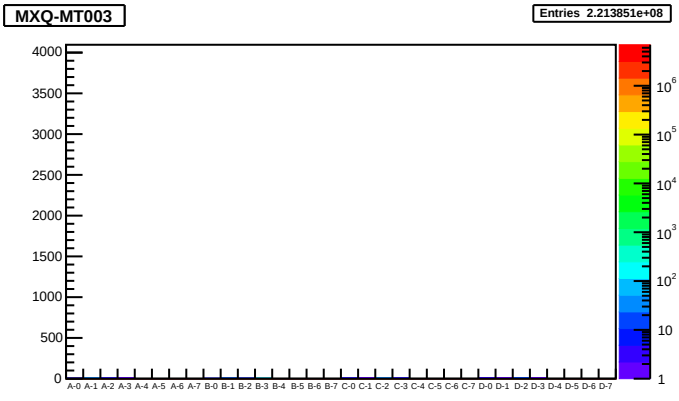

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

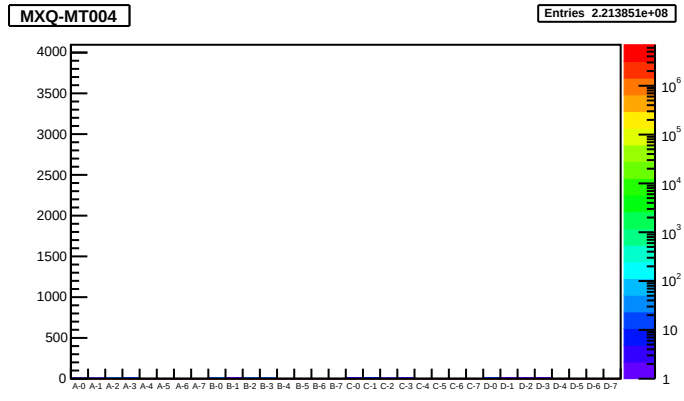

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.075486e+07
13890
62
46
6.9044e+06
6.91822e+06
6.91824e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

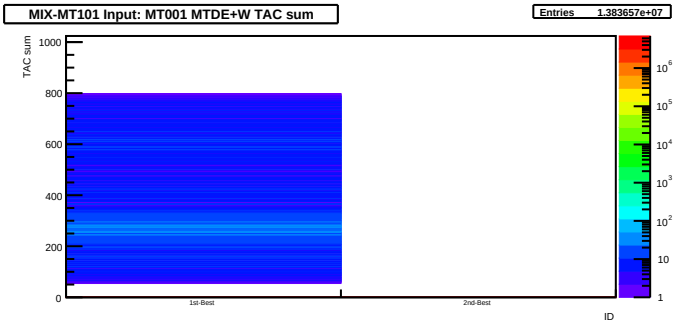

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

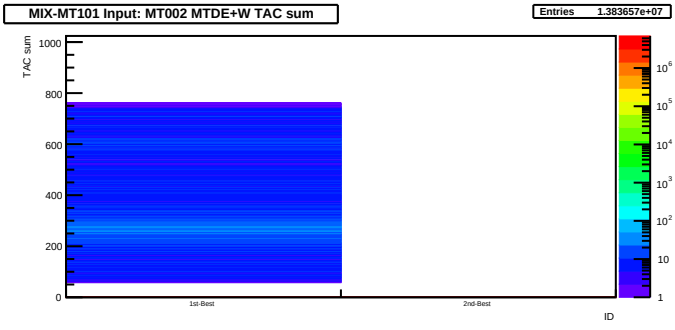

MXQ-MT001
Entries 2.213851e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

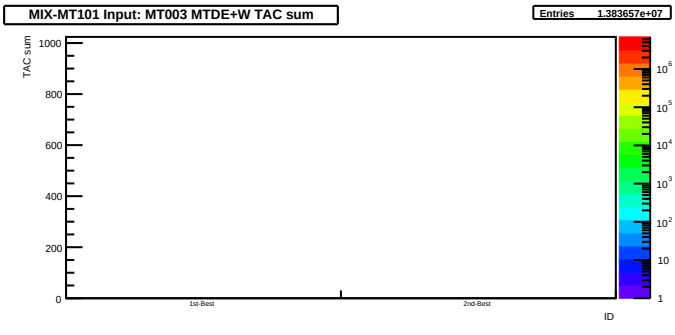

MXQ-MT002
Entries 2.213851e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

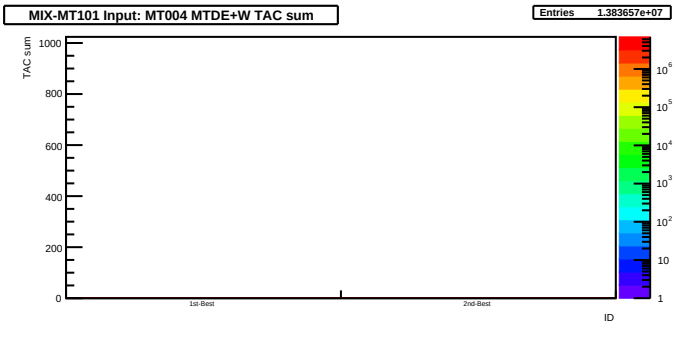

MXQ-MT003
Entries 2.213851e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

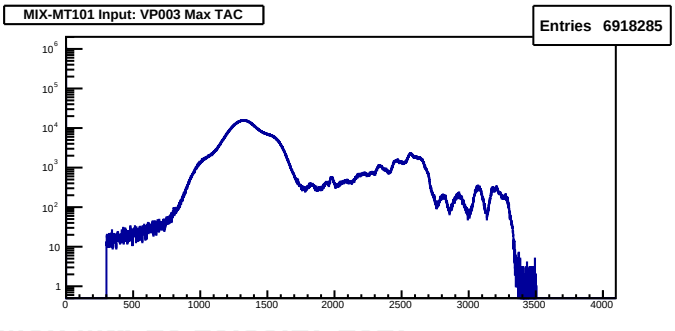

MXQ-MT004
Entries 2.213851e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

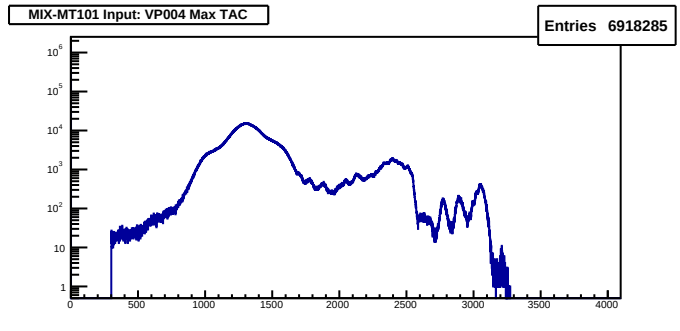

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.383657e+07
TAC sum
1st-Best
2nd-Best
ID

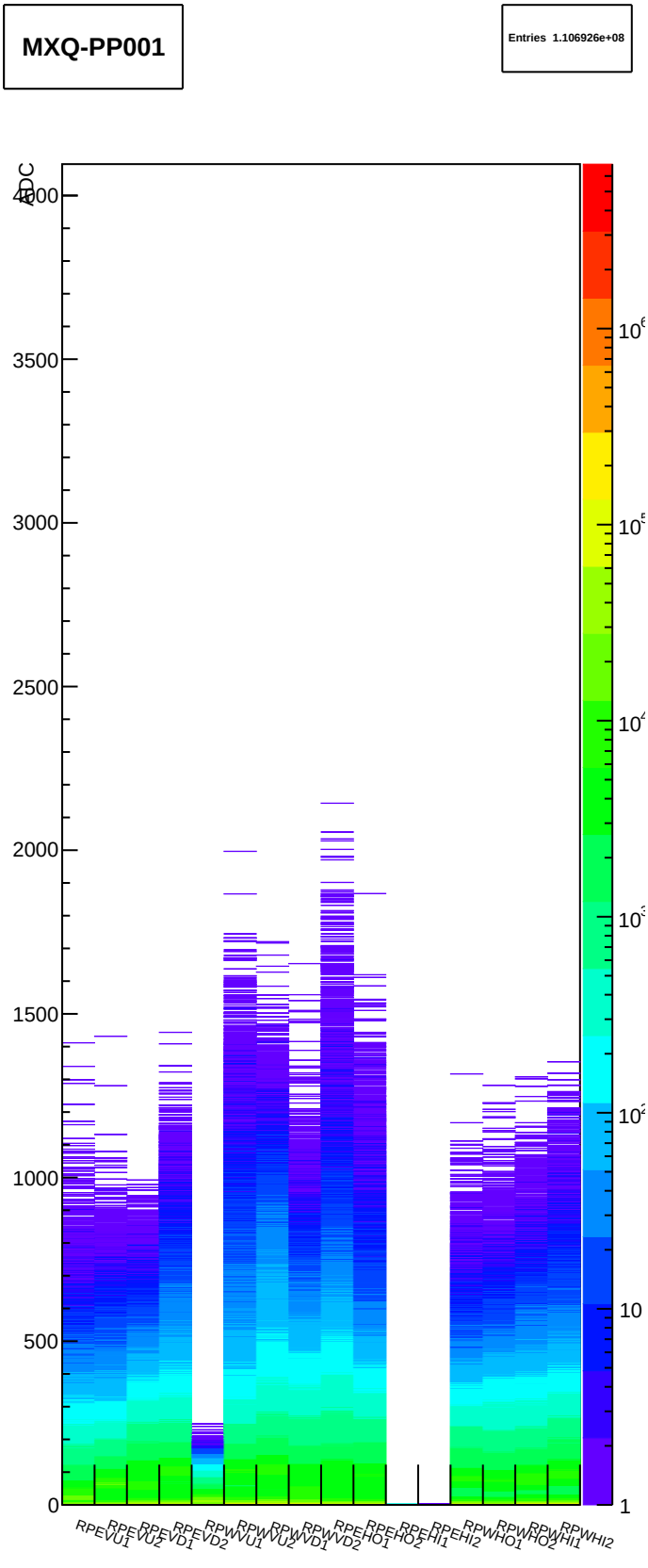

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.383657e+07
TAC sum
1st-Best
2nd-Best
ID

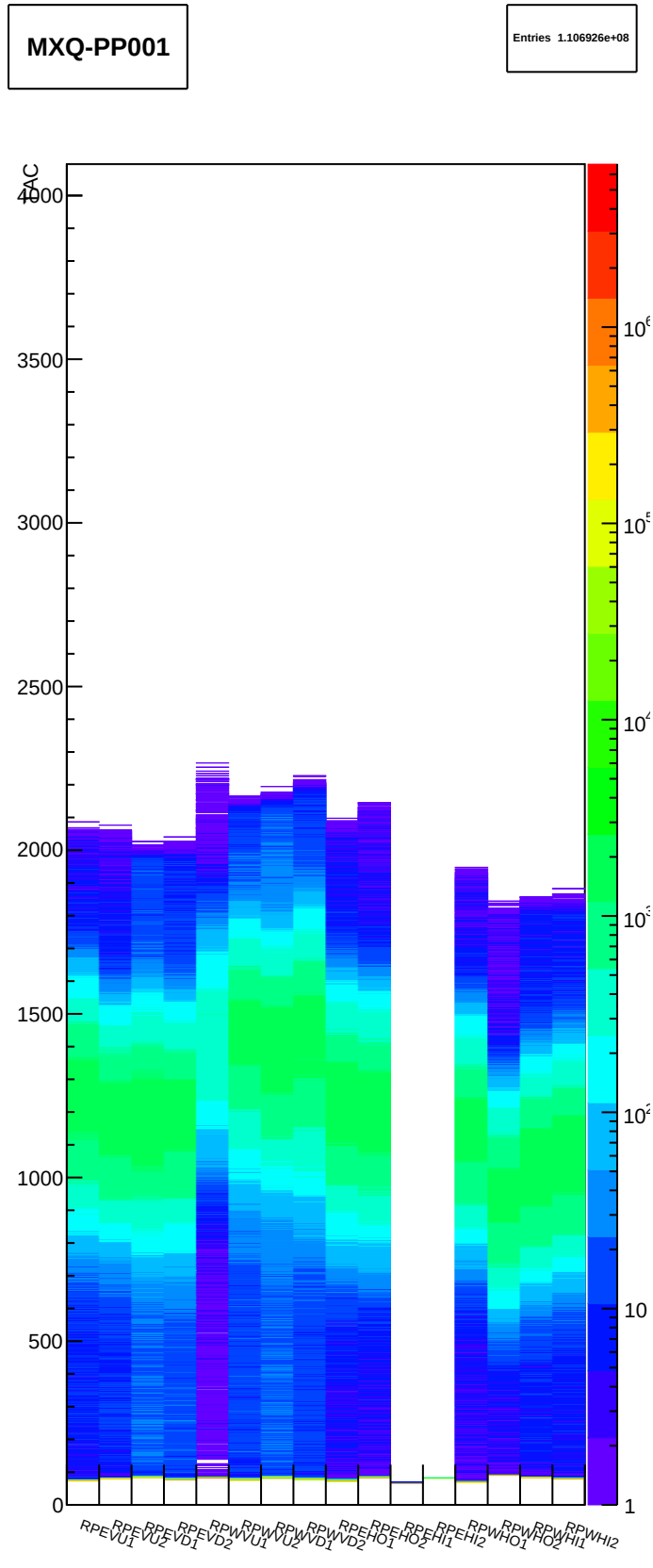

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.383657e+07
TAC sum
1st-Best
2nd-Best
ID

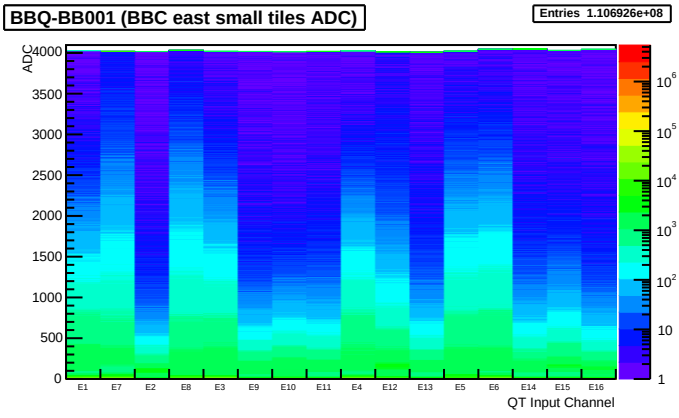

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.383657e+07
TAC sum
1st-Best
2nd-Best
ID

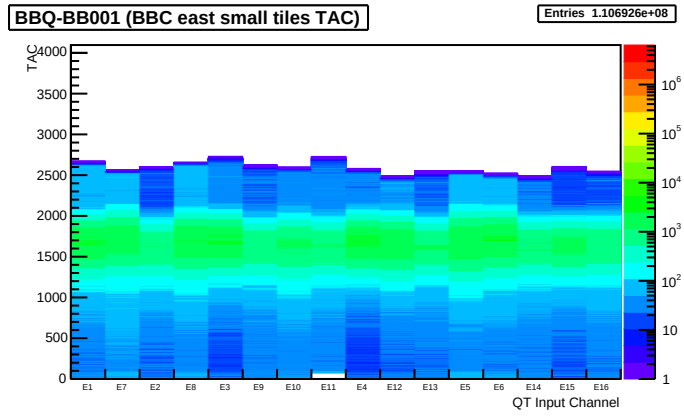

MIX-MT101 Input: VP003 Max TAC
Entries 6918285

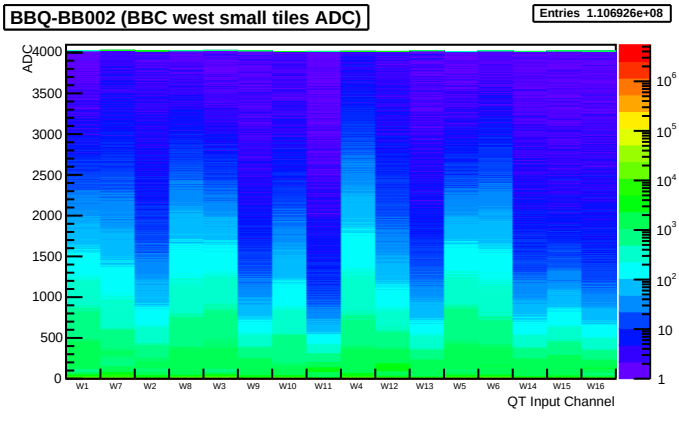

MIX-MT101 Input: VP004 Max TAC
Entries 6918285

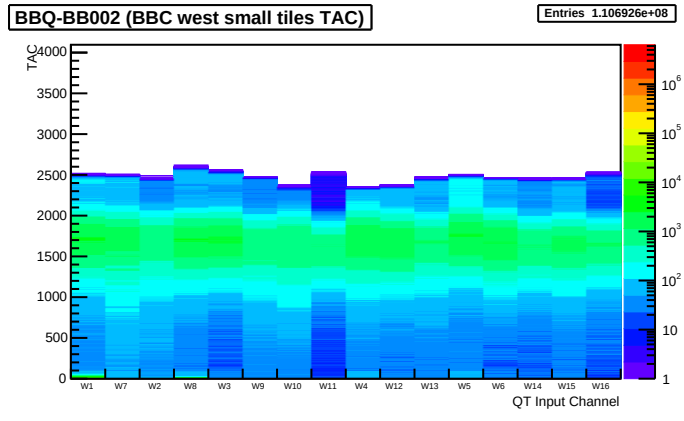

MXQ-PP001
Entries 1.106926e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

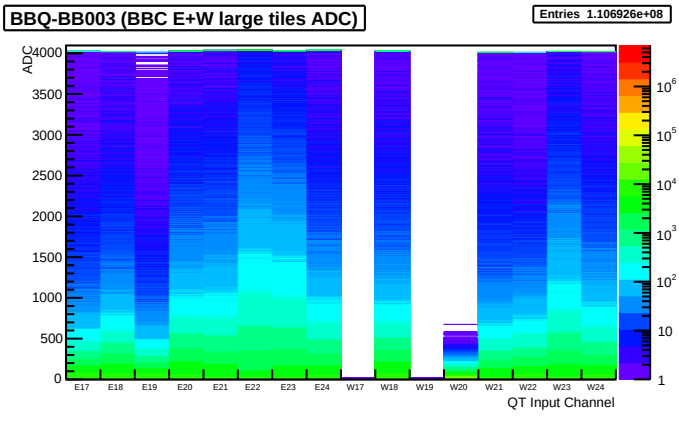

MXQ-PP001
Entries 1.106926e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

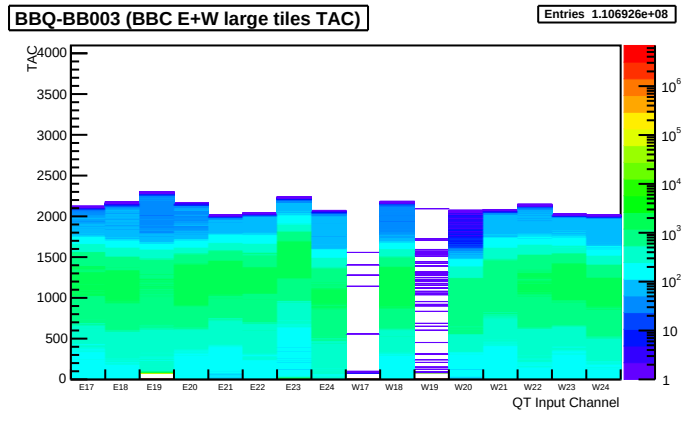

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.106926e+08
ADC
QT Input Channel

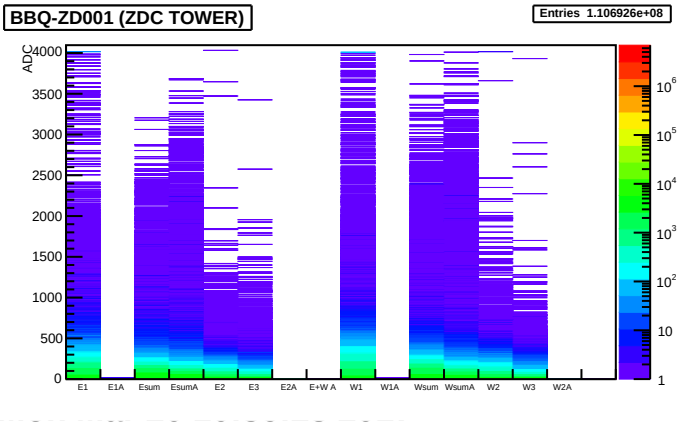

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.106926e+08
TAC
QT Input Channel

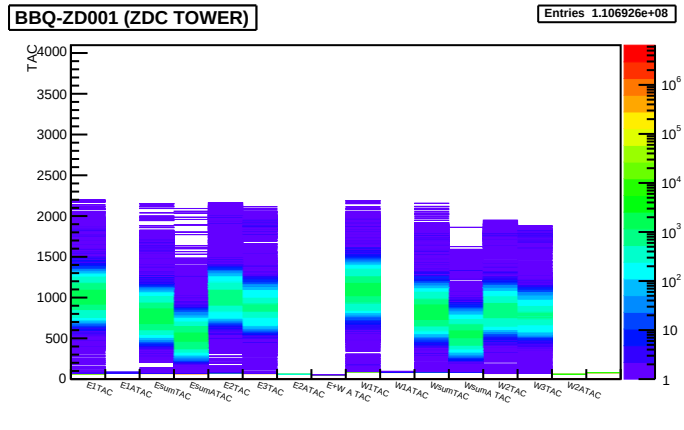

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.106926e+08
ADC
QT Input Channel

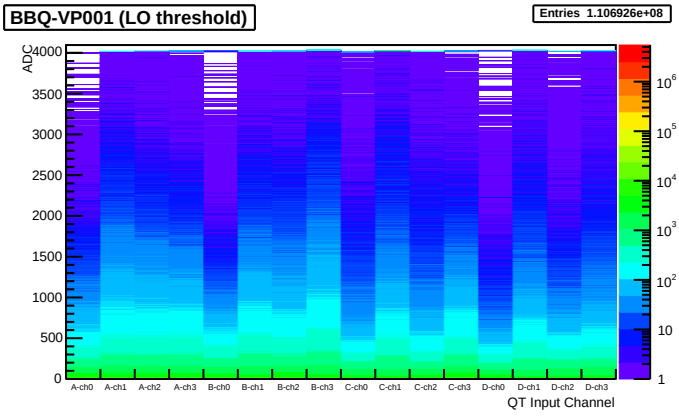

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.106926e+08
TAC
QT Input Channel

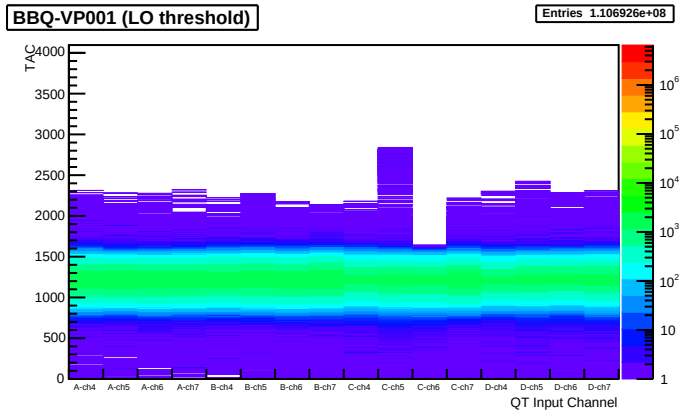

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.106926e+08
ADC
QT Input Channel

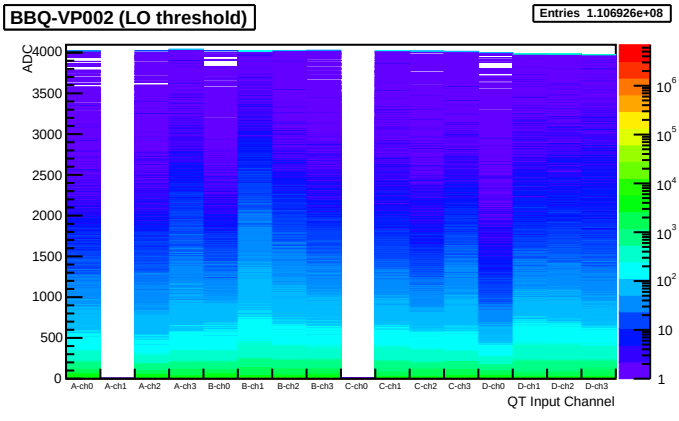

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.106926e+08
TAC
QT Input Channel

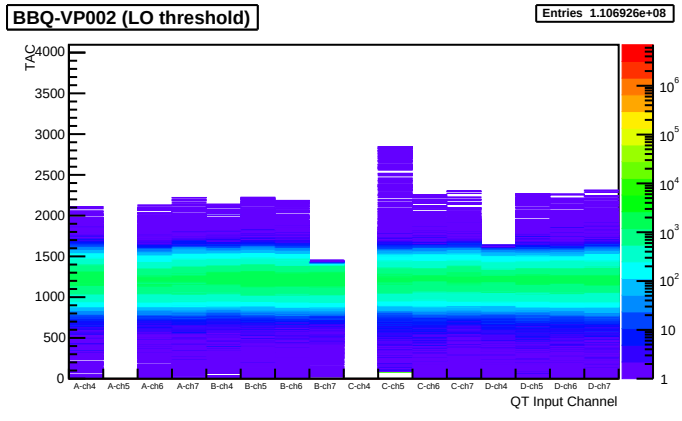

BBQ-ZD001 (ZDC TOWER)
Entries 1.106926e+08
ADC

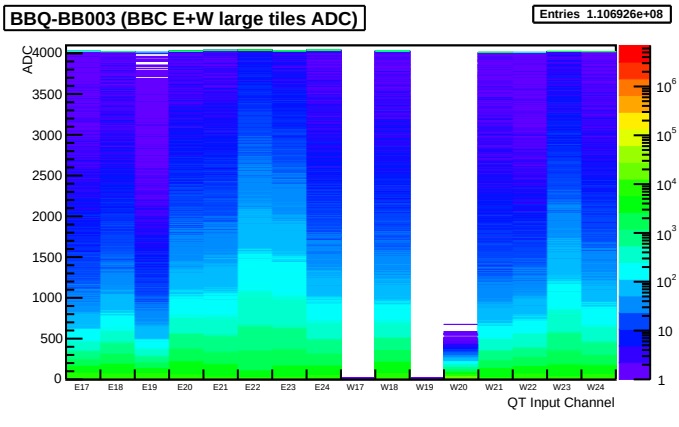

BBQ-ZD001 (ZDC TOWER)
Entries 1.106926e+08
TAC

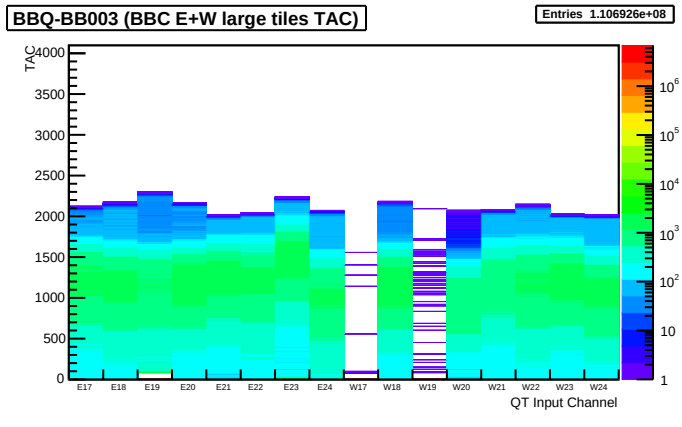

BBQ-VP001 (LO threshold)
Entries 1.106926e+08
ADC
QT Input Channel

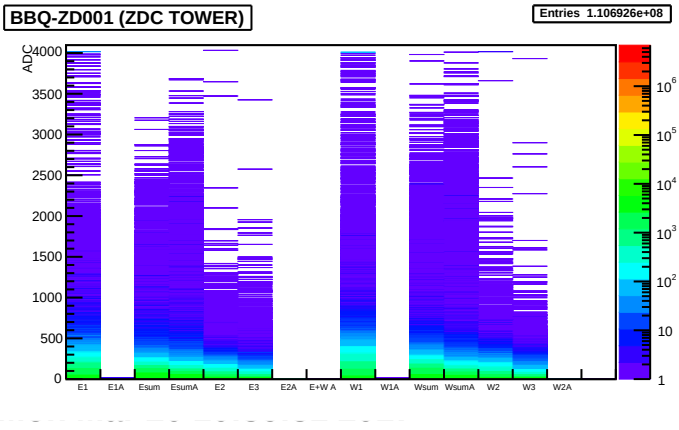

BBQ-VP001 (LO threshold)
Entries 1.106926e+08
TAC
QT Input Channel

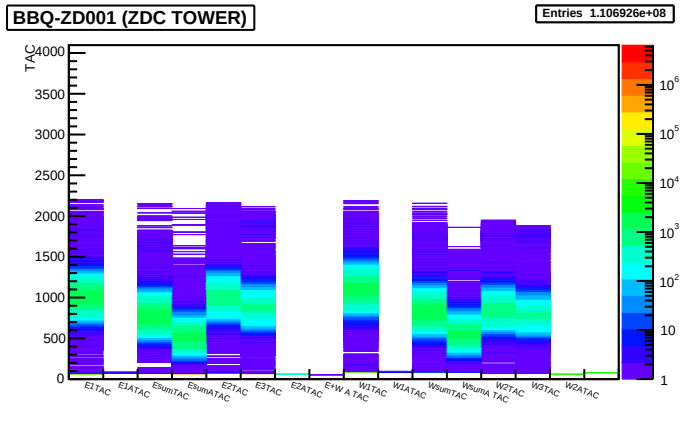

BBQ-VP002 (LO threshold)
Entries 1.106926e+08
ADC
QT Input Channel

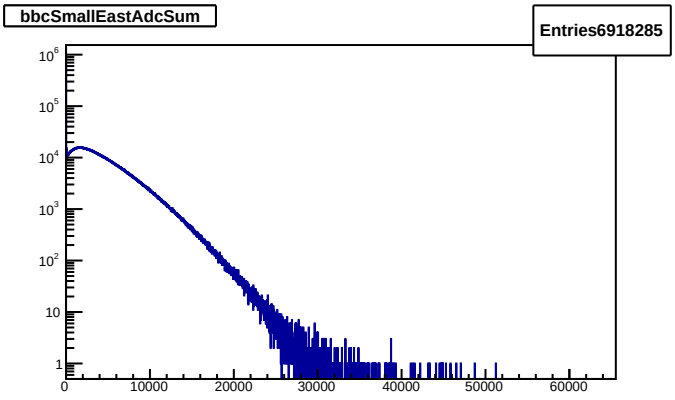

BBQ-VP002 (LO threshold)
Entries 1.106926e+08
TAC
QT Input Channel

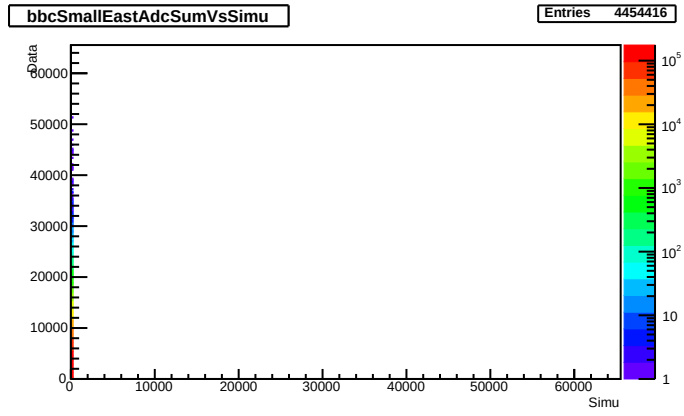

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.106926e+08
ADC
QT Input Channel

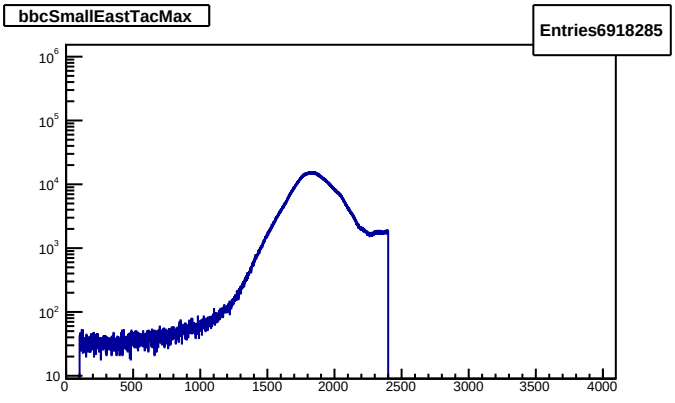

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.106926e+08
TAC
QT Input Channel

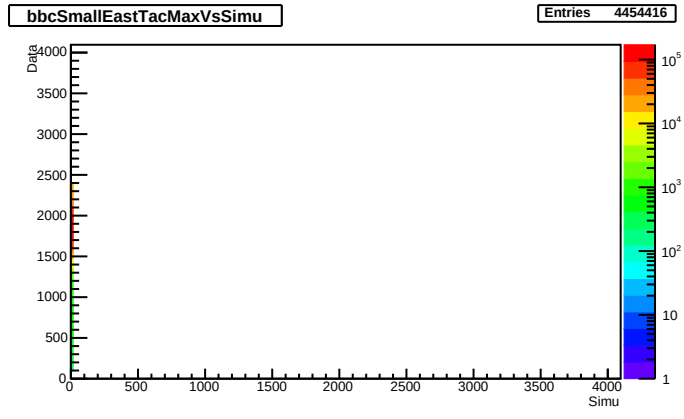

BBQ-ZD001 (ZDC TOWER)
Entries 1.106926e+08
ADC

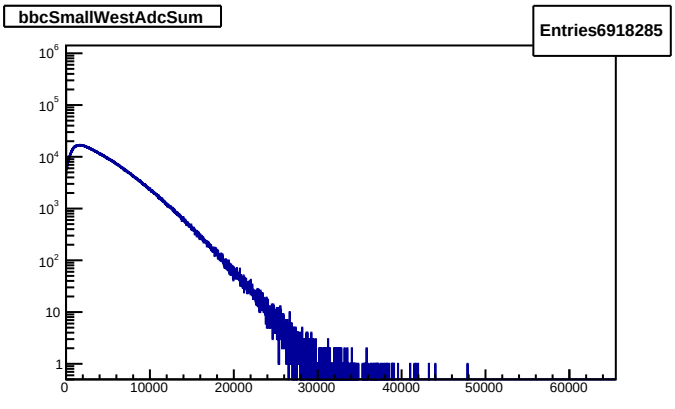

BBQ-ZD001 (ZDC TOWER)
Entries 1.106926e+08
TAC

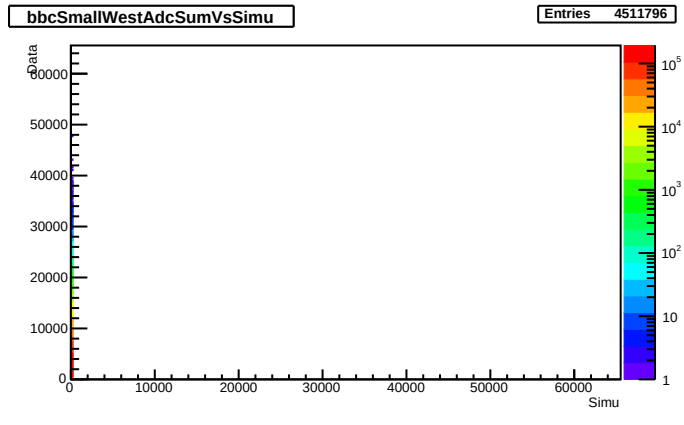

bbcSmallEastAdcSum
Entries6918285

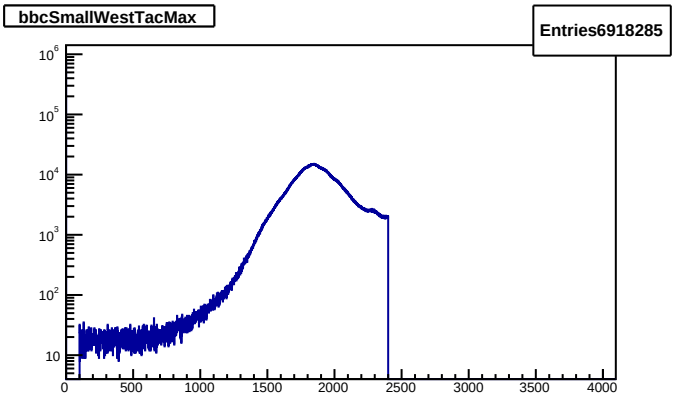

bbcSmallEastAdcSumVsSimu
Entries 4454416
Data
Simu

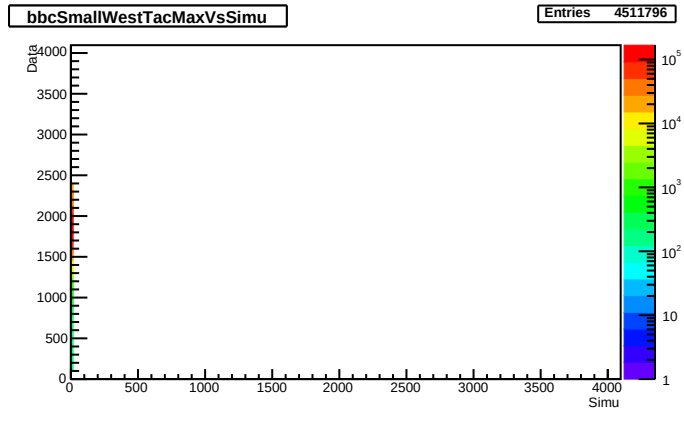

bbcSmallEastTacMax
Entries6918285

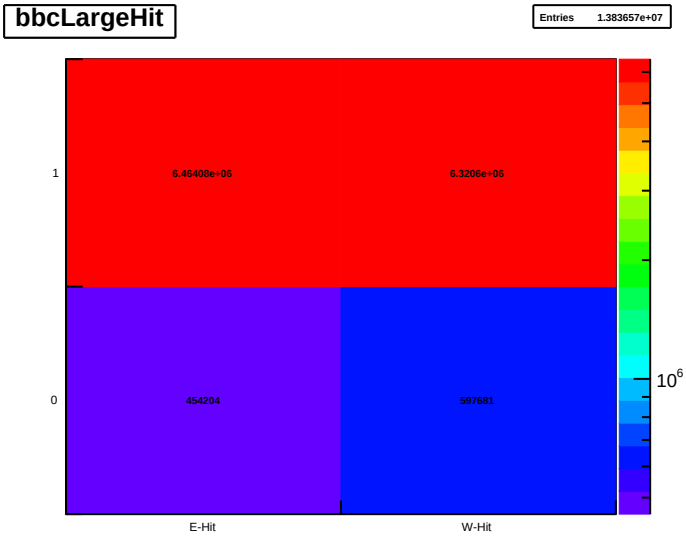

bbcSmallEastTacMaxVsSimu
Entries 4454416
Data
Simu

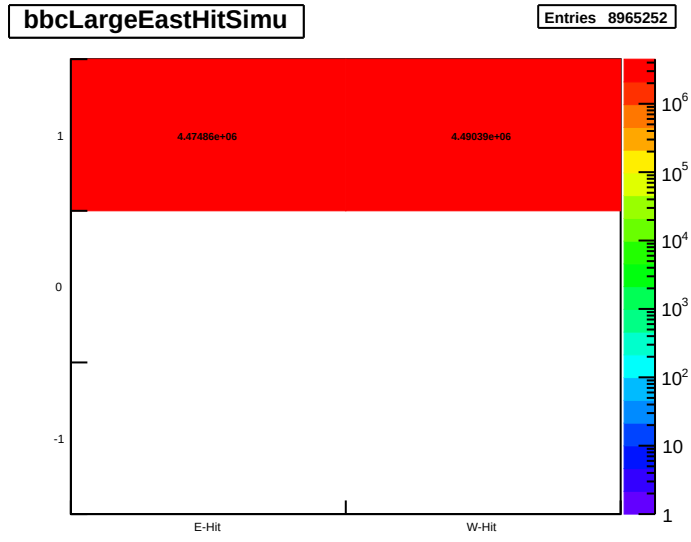

bbcSmallWestAdcSum
Entries6918285

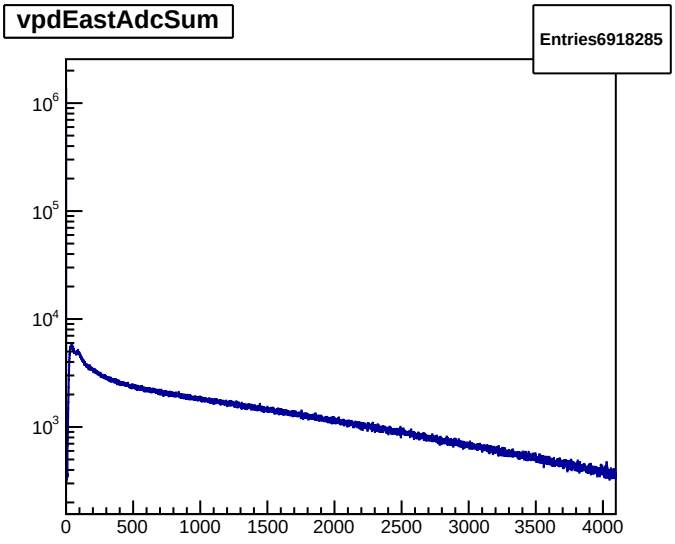

bbcSmallWestAdcSumVsSimu
Entries 4511796
Data
Simu

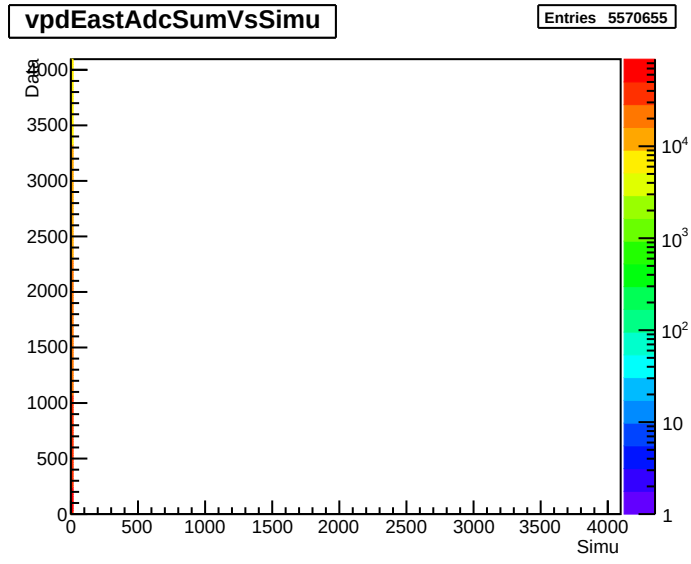

bbcSmallWestTacMax
Entries6918285

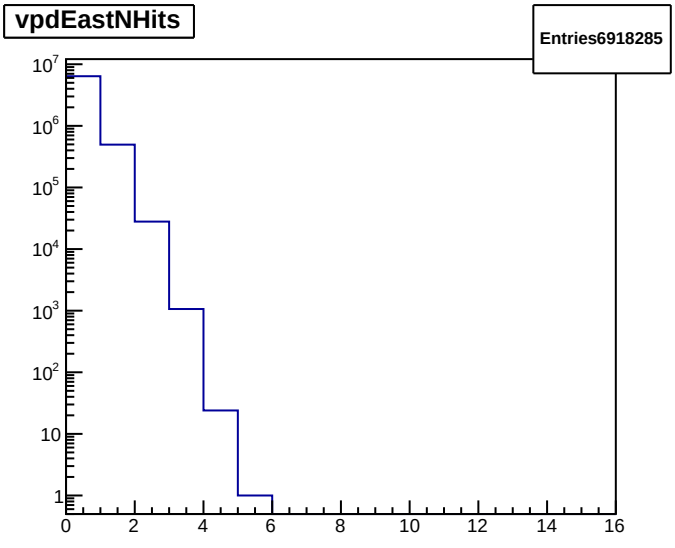

bbcSmallWestTacMaxVsSimu
Entries 4511796
Data
Simu

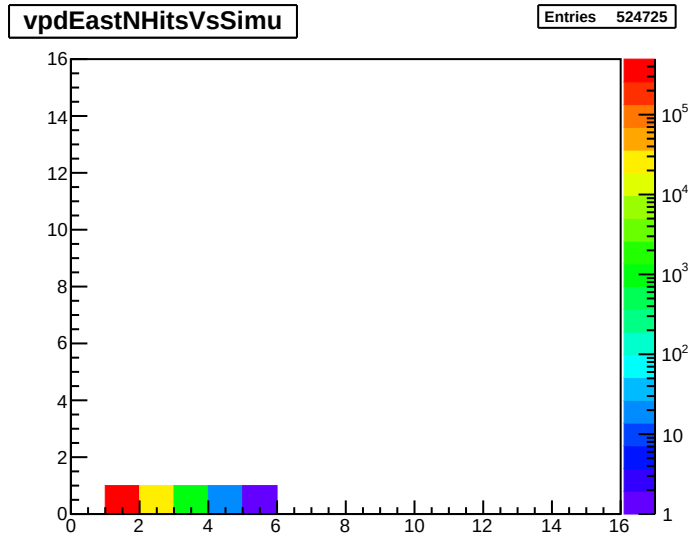

bbcLargeHit
Entries 1.383657e+07
1
0
6.46408e+06
6.3206e+06
454204
597681
E-Hit
W-Hit
10^6

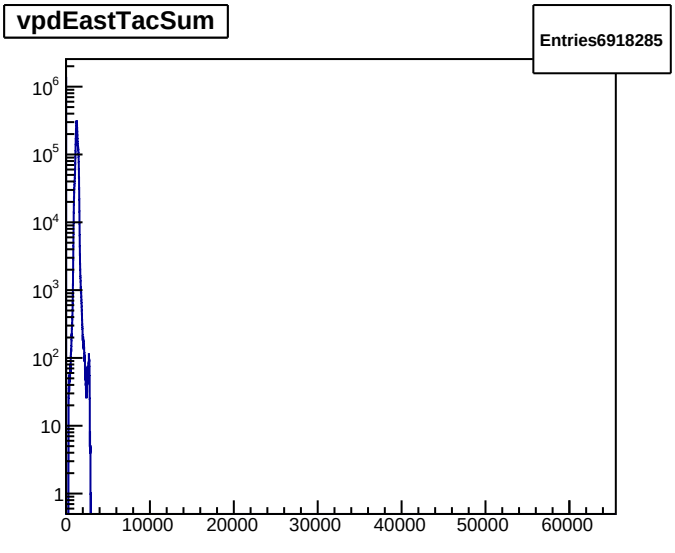

bbcLargeEastHitSimu
Entries 8965252
1
0
-1
4.47486e+06
4.49039e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

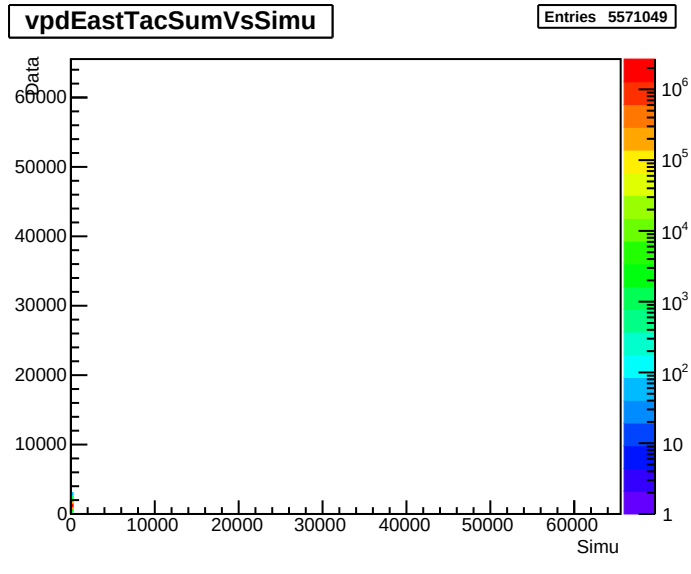

vpdEastAdcSum
Entries6918285

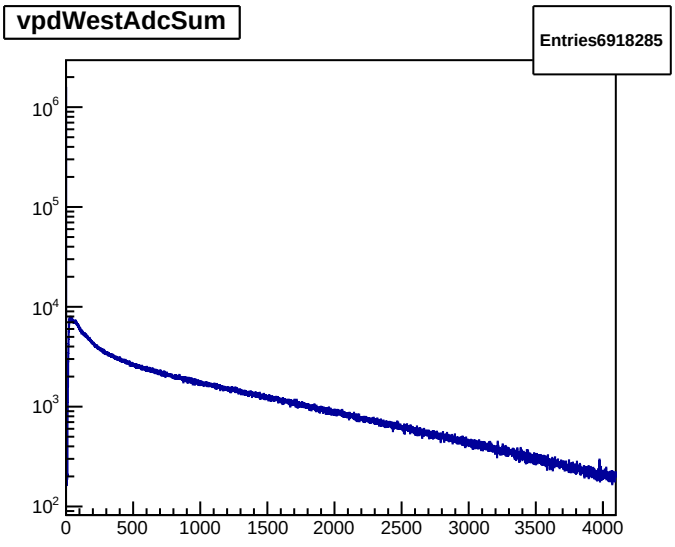

vpdEastAdcSumVsSimu
Entries 5570655
Data
Simu

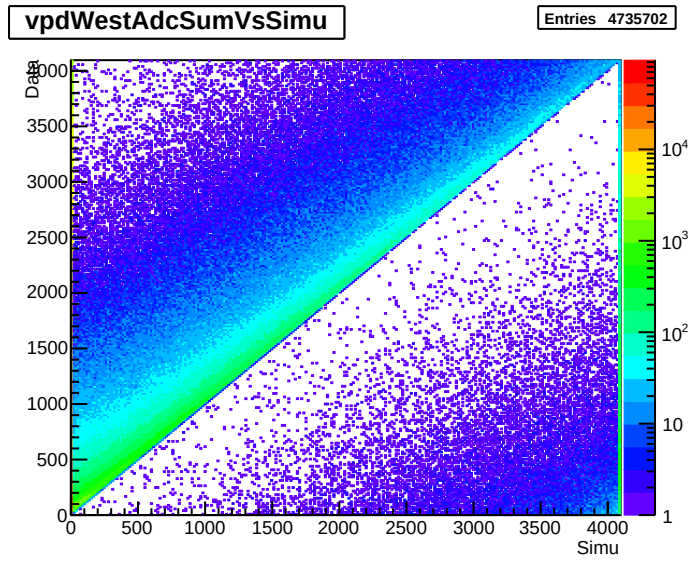

vpdEastNHits
Entries6918285

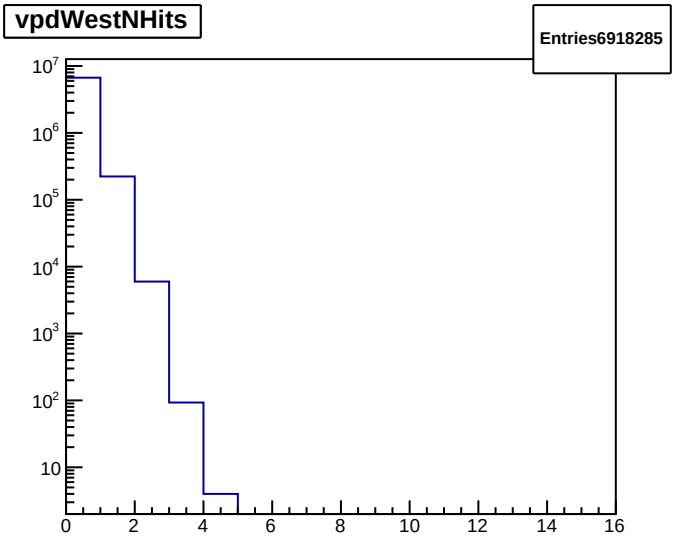

vpdEastNHitsVsSimu
Entries 524725

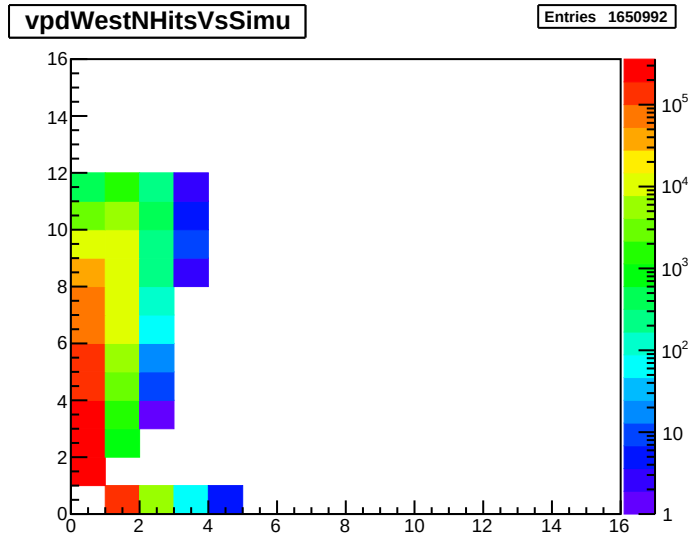

vpdEastTacSum
Entries6918285

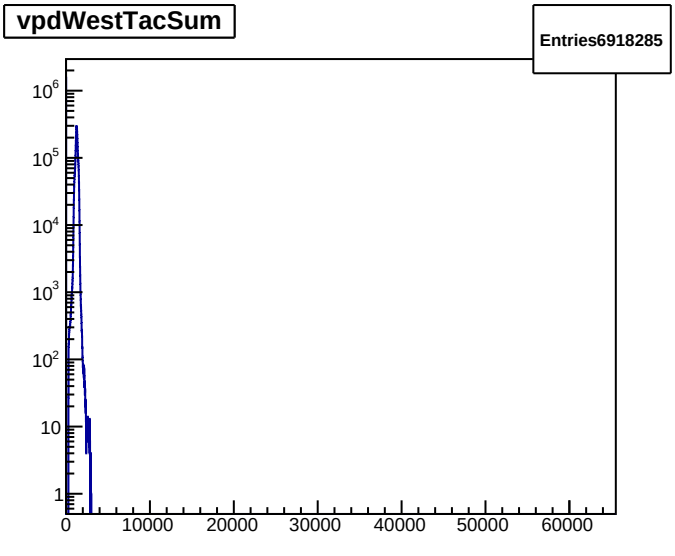

vpdEastTacSumVsSimu
Entries 5571049
Data
Simu

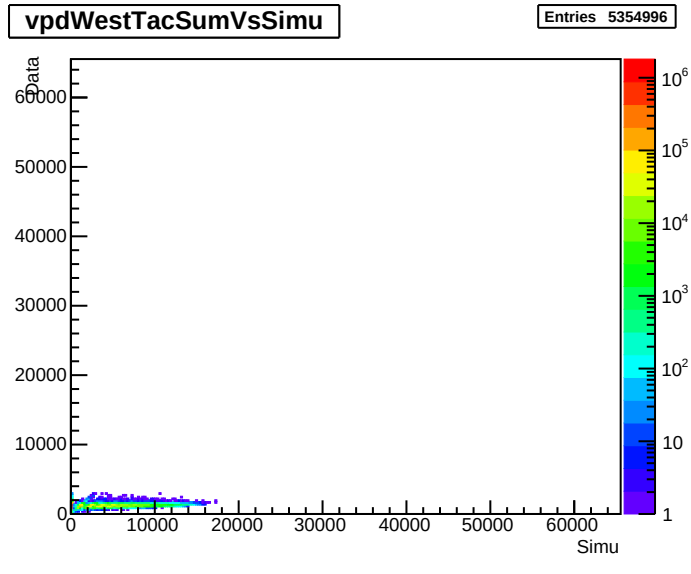

vpdWestAdcSum
Entries6918285

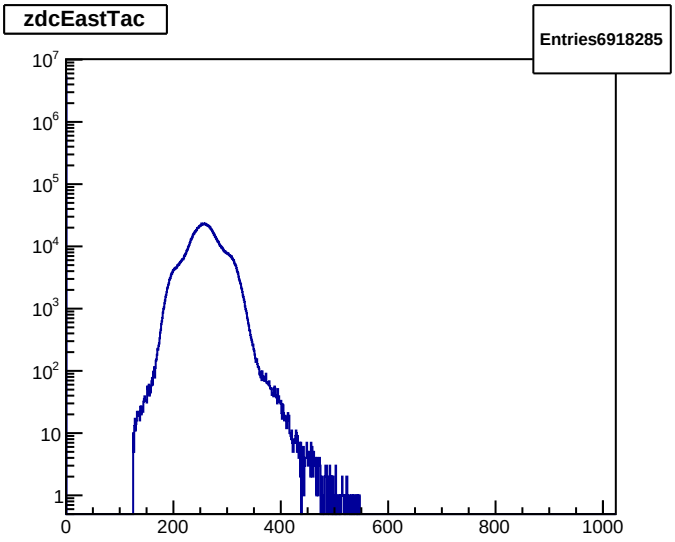

vpdWestAdcSumVsSimu
Entries 4735702
Data
Simu

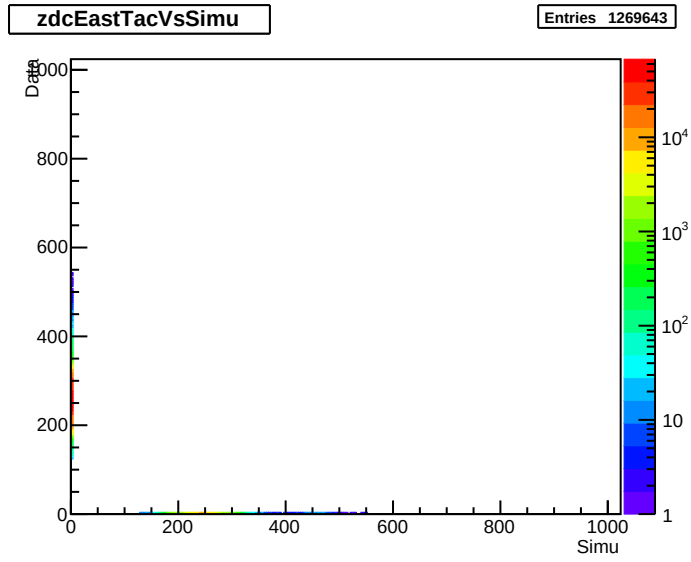

vpdWestNHits
Entries6918285

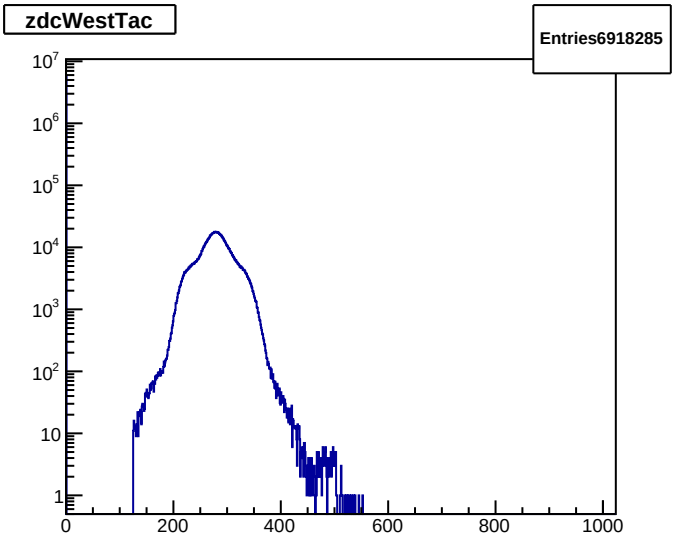

vpdWestNHitsVsSimu
Entries 1650992

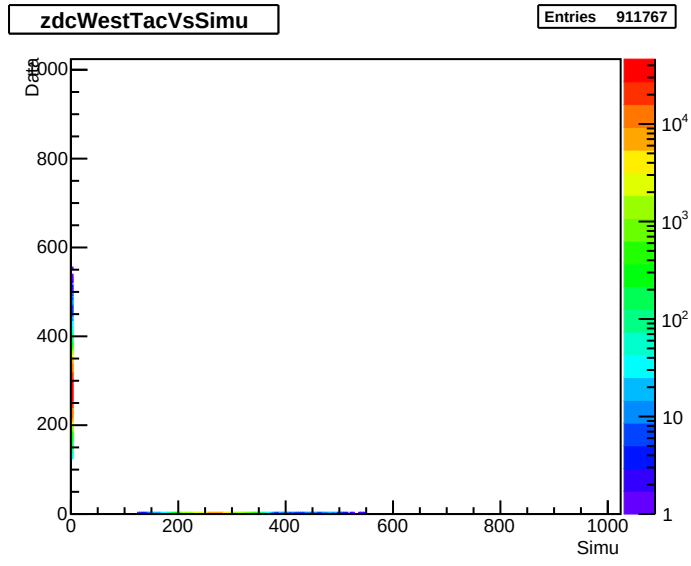

vpdWestTacSum
Entries6918285

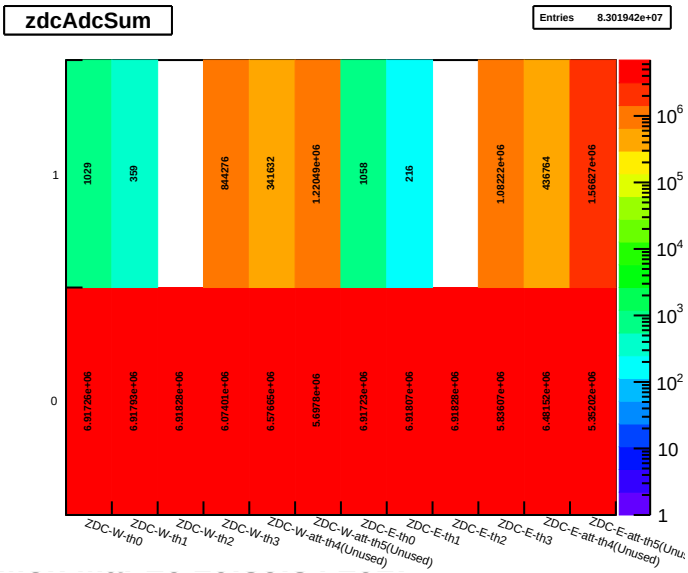

vpdWestTacSumVsSimu
Entries 5354996
Data
Simu

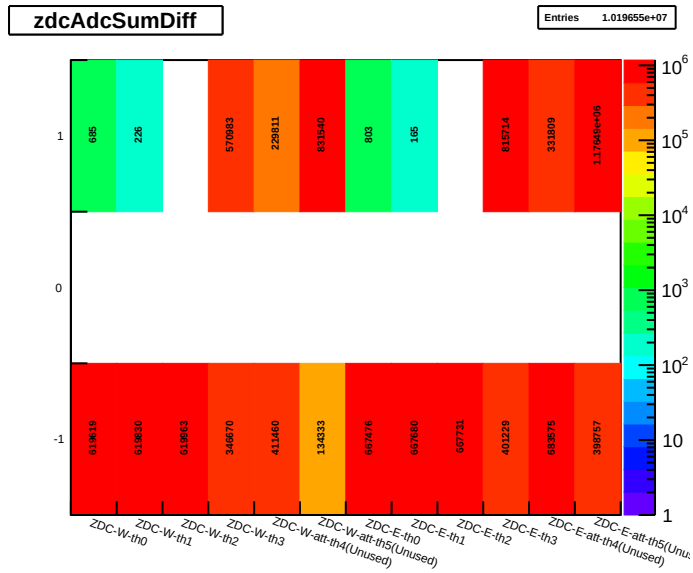

zdcEastTac
Entries6918285

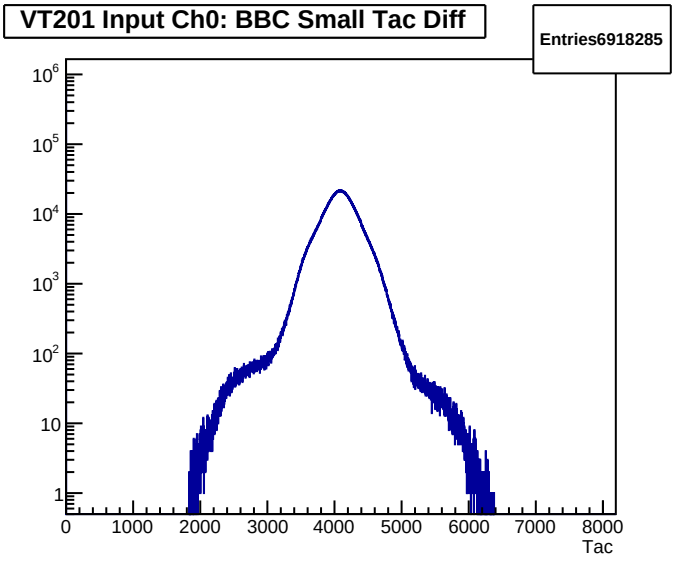

zdcEastTacVsSimu
Entries 1269643
Data
Simu

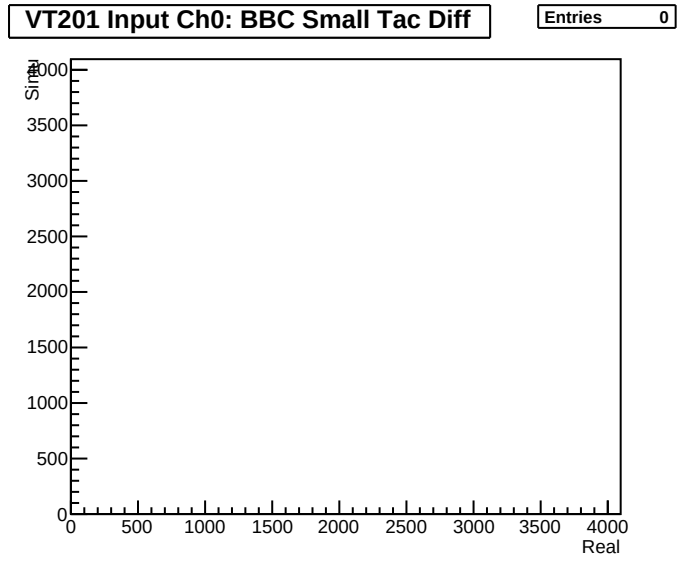

zdcWestTac
Entries6918285

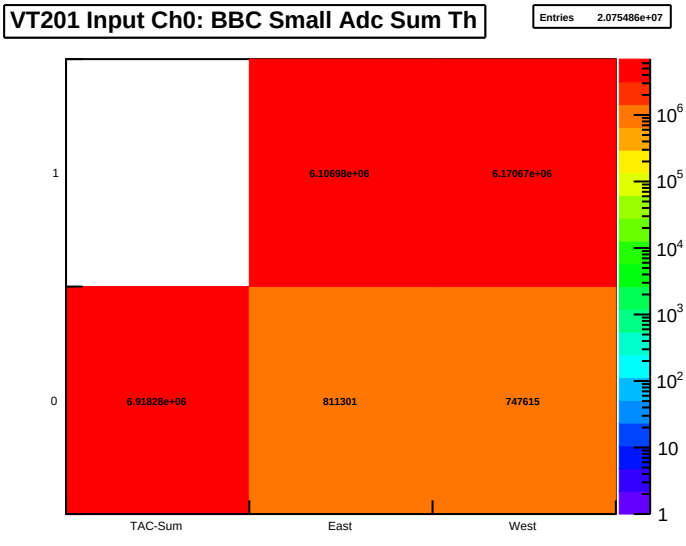

zdcWestTacVsSimu
Entries 911767
Data
Simu

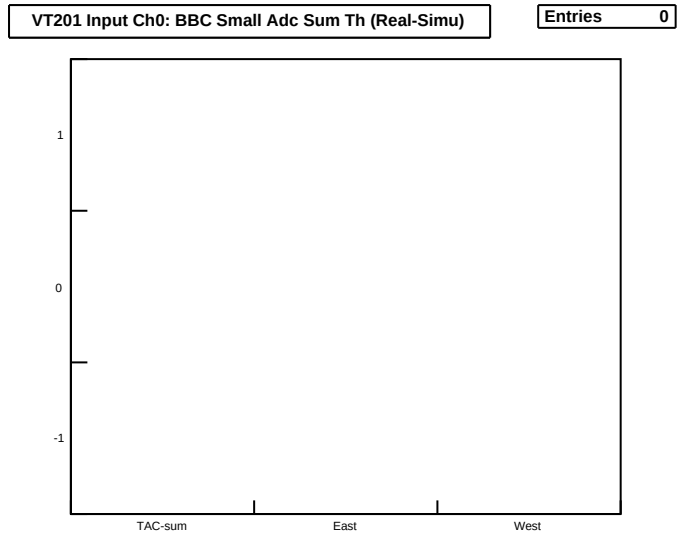

zdcAdcSum
Entries 8.301942e+07
1029
359
844276
341632
1.22049e+06
1058
216
1.08222e+06
436764
1.56627e+06
6.91726e+06
6.91793e+06
6.91828e+06
6.07401e+06
6.57665e+06
5.6978e+06
6.91723e+06
6.91807e+06
6.91828e+06
5.83607e+06
6.48152e+06
5.38202e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

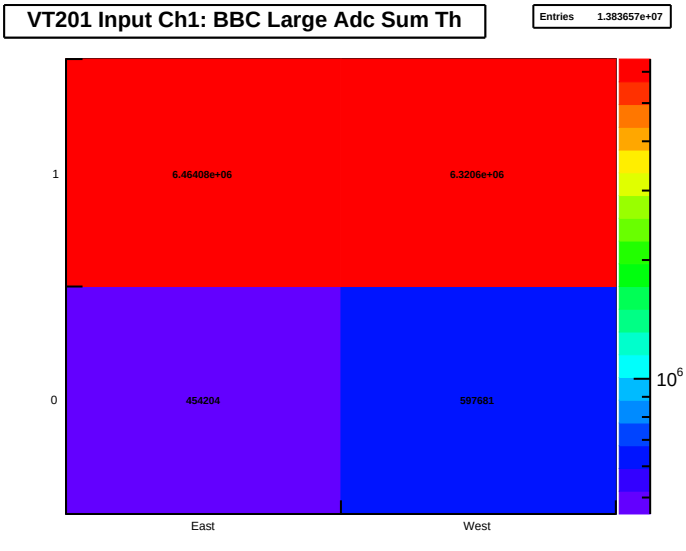

zdcAdcSumDiff
Entries 1.019655e+07
685
226
570983
229811
831540
803
165
815714
331809
1.17649e+06
616619
618830
618963
346670
411460
134333
667476
667680
667731
401229
683575
398757
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

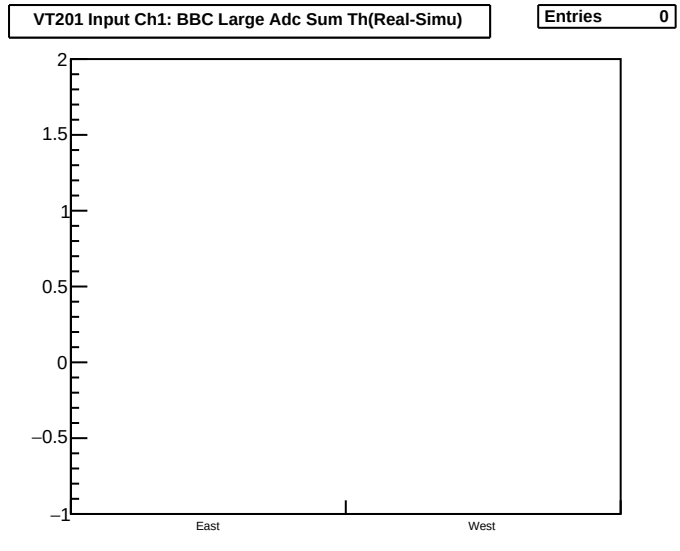

VT201 Input Ch0: BBC Small Tac Diff
Entries6918285
Tac


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

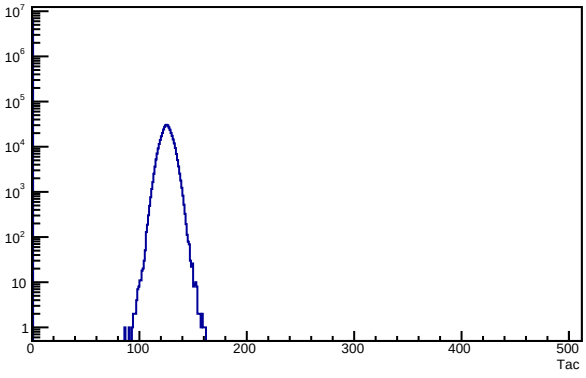

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.075486e+07
6.10698e+06
6.17067e+06
6.91828e+06
811301
747615
TAC-Sum
East
West


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

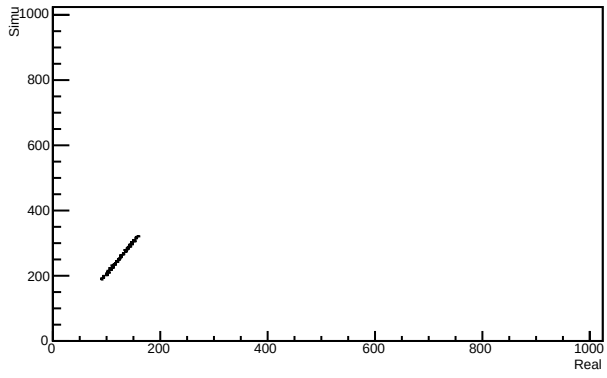

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.383657e+07
6.46408e+06
6.3206e+06
454204
597681
East
West


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

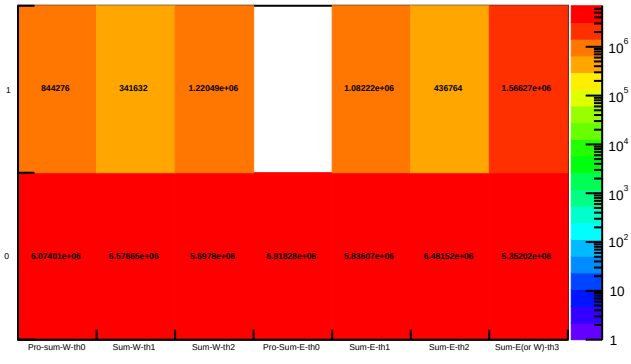
VT201 Input Ch2: ZDC Tac Diff



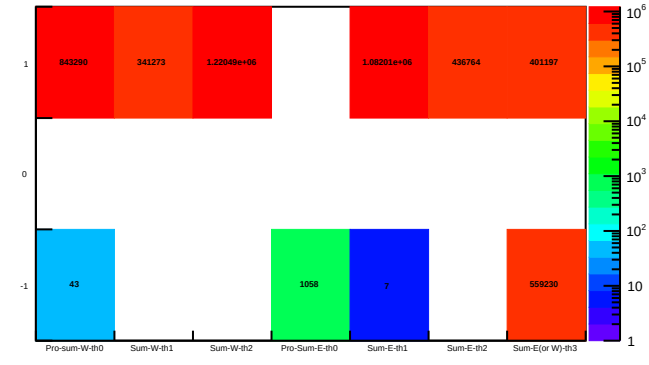
VT201 Input Ch2: ZDC Tac Diff



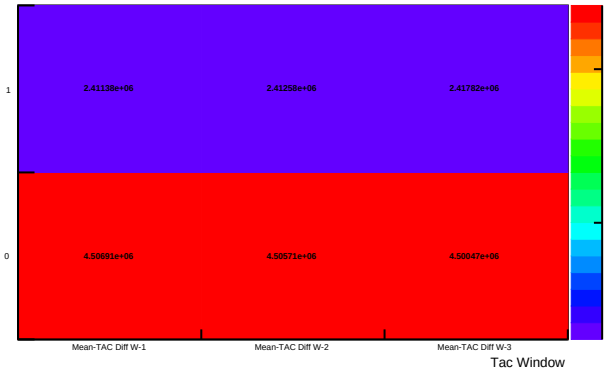
VT201 Input Ch2: ZDC Adc Sum Th



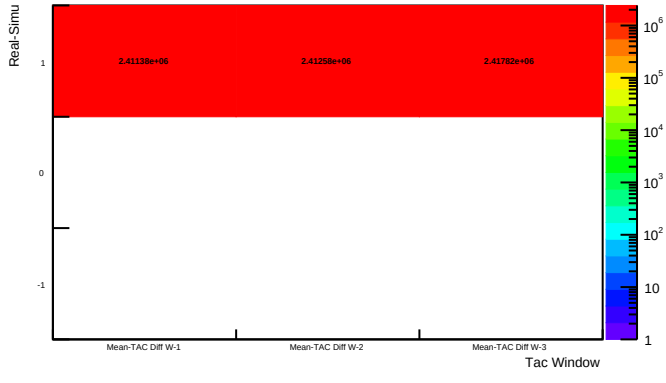
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



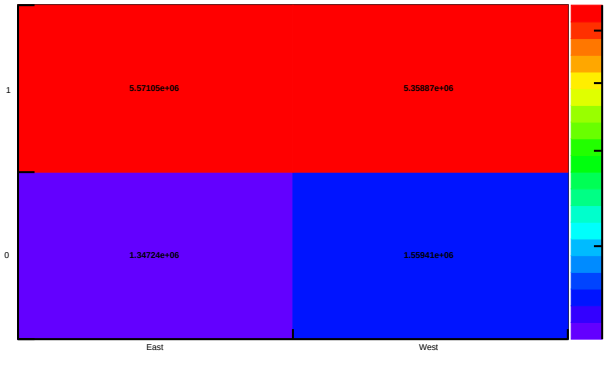
VT201 Input Ch4: VPD Tac Diff



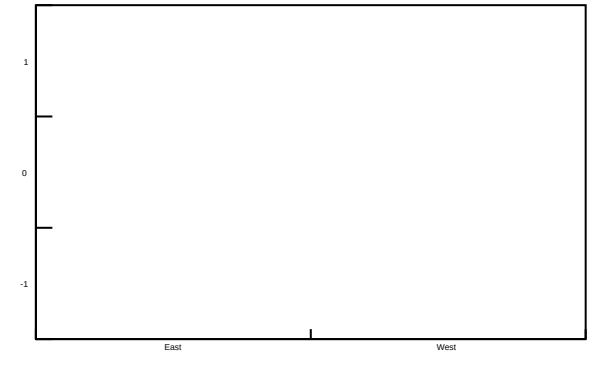
VT201 Input Ch4: VPD Tac Diff

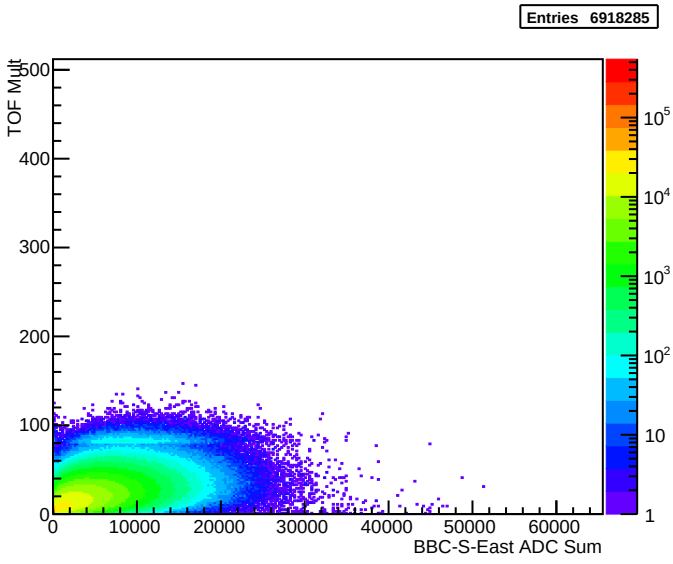


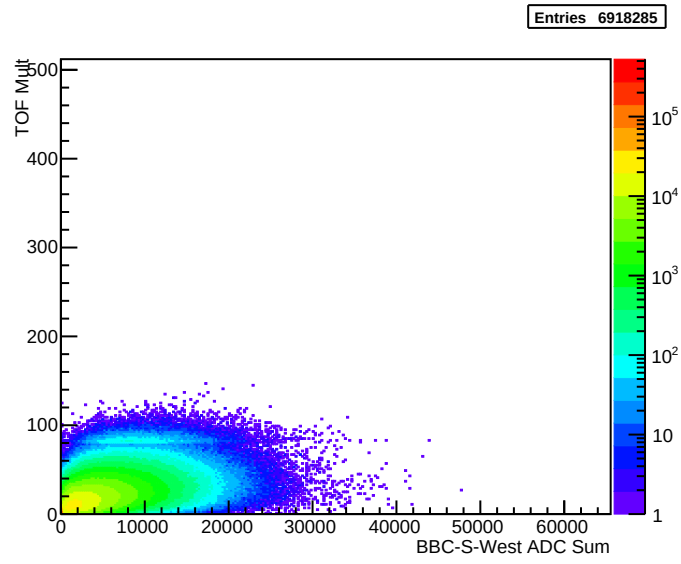
VT201 Input Ch4: VPD Adc Sum Th

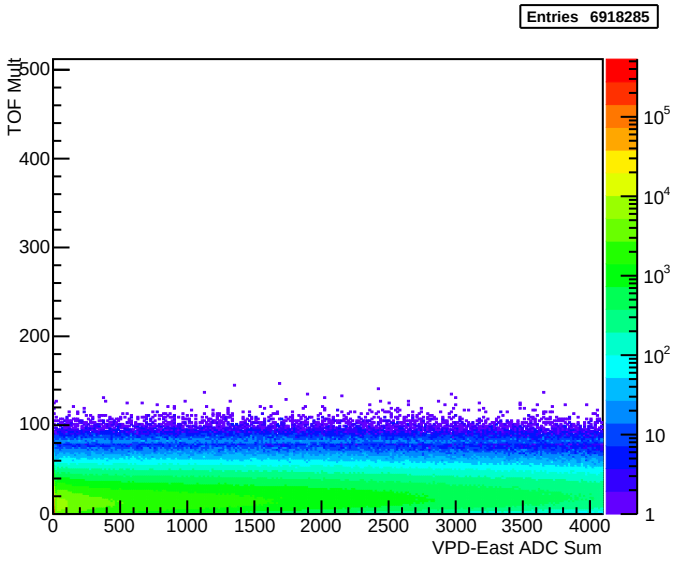


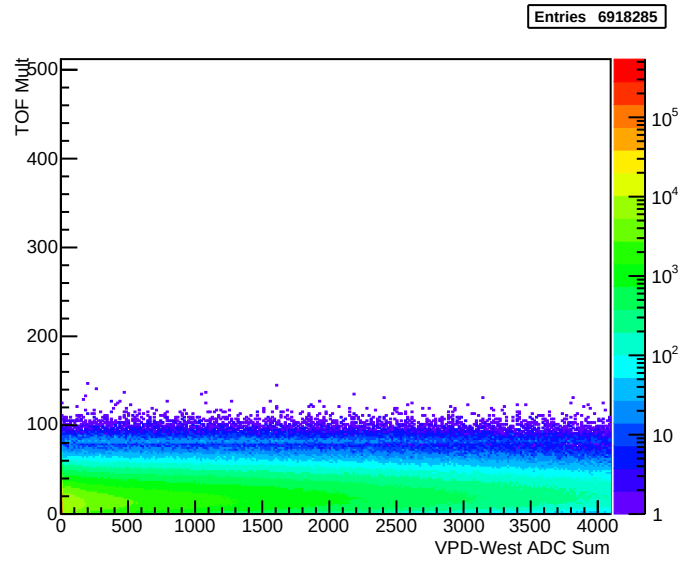
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

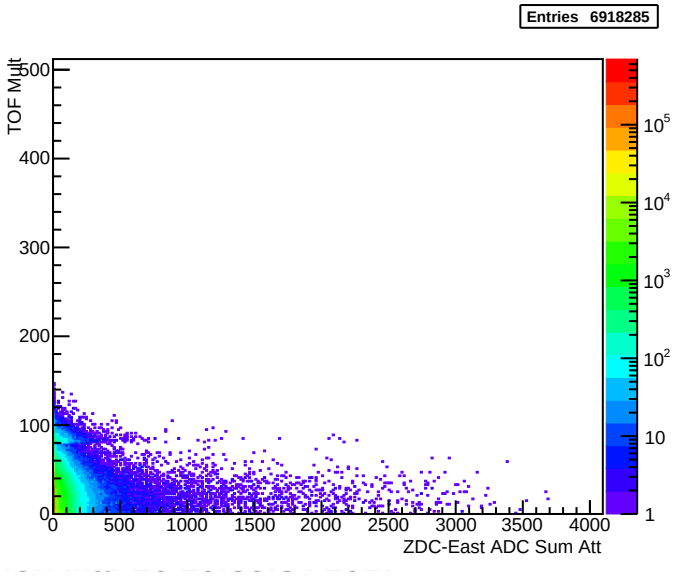


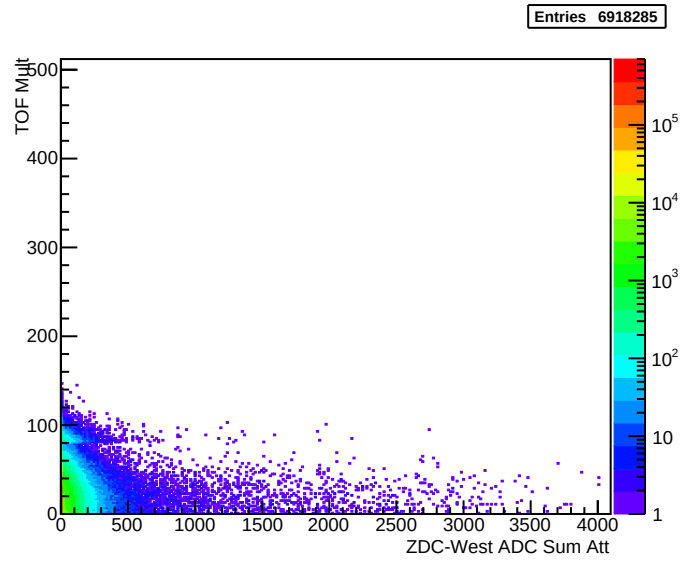

Entries 6918285
TOF Mult
BBC-S-East ADC Sum

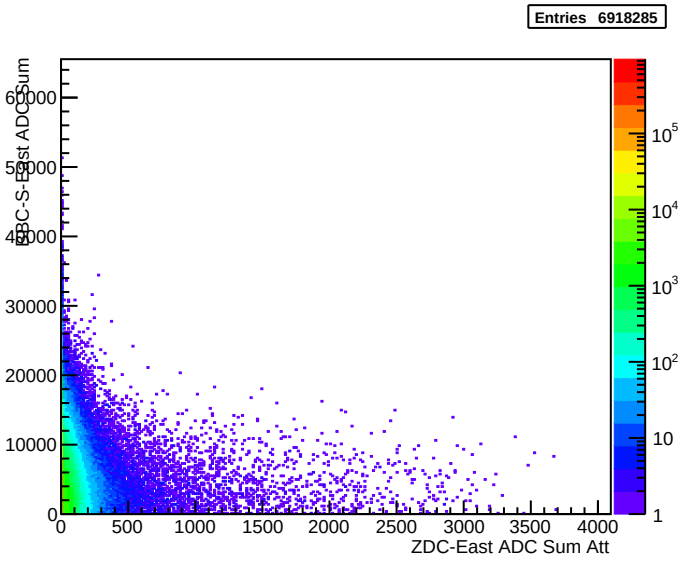

Entries 6918285
TOF Mult
BBC-S-West ADC Sum

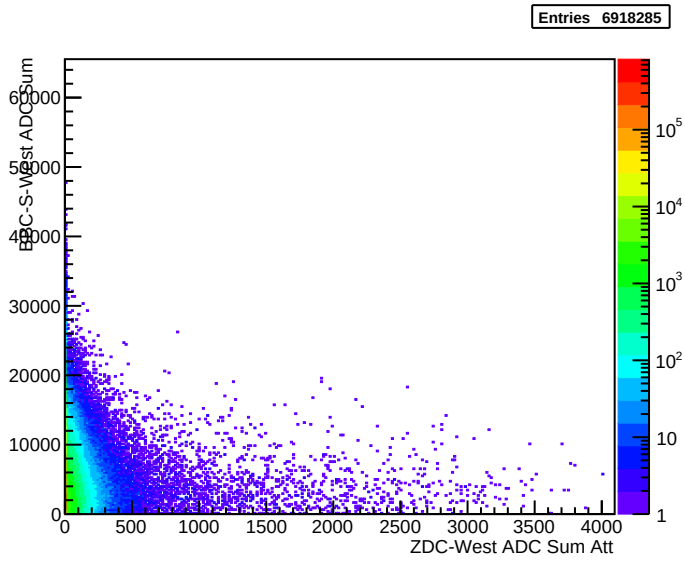

Entries 6918285
TOF Mult
VPD-East ADC Sum

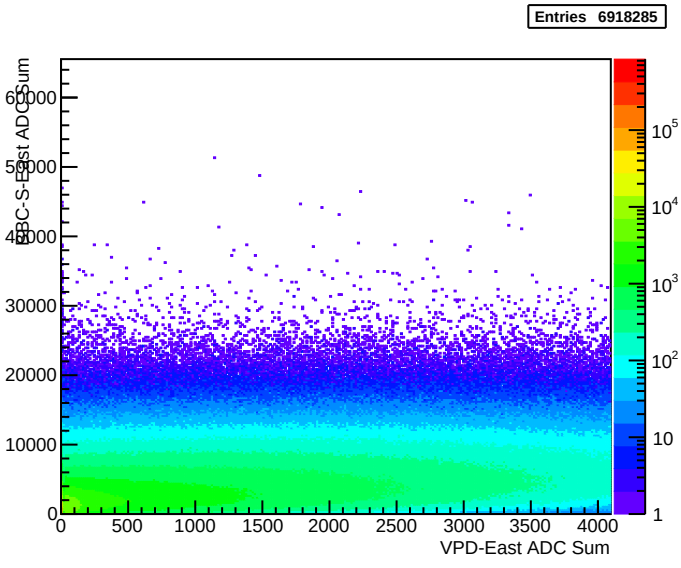

Entries 6918285
TOF Mult
VPD-West ADC Sum

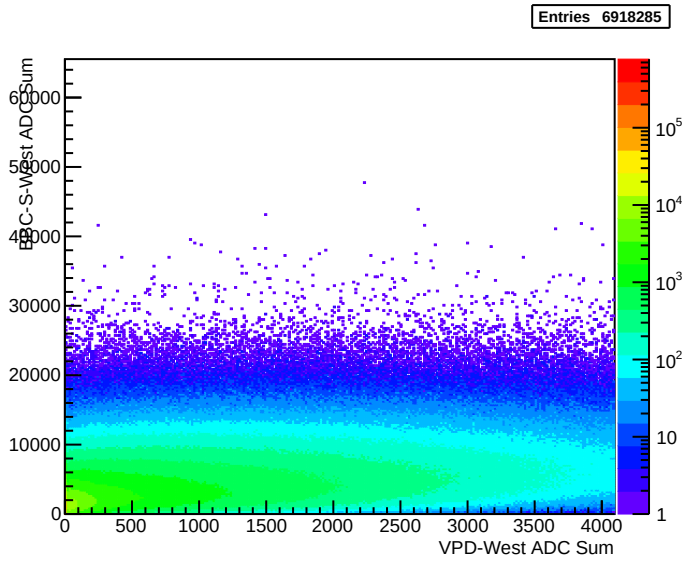

Entries 6918285
TOF Mult
ZDC-East ADC Sum Att

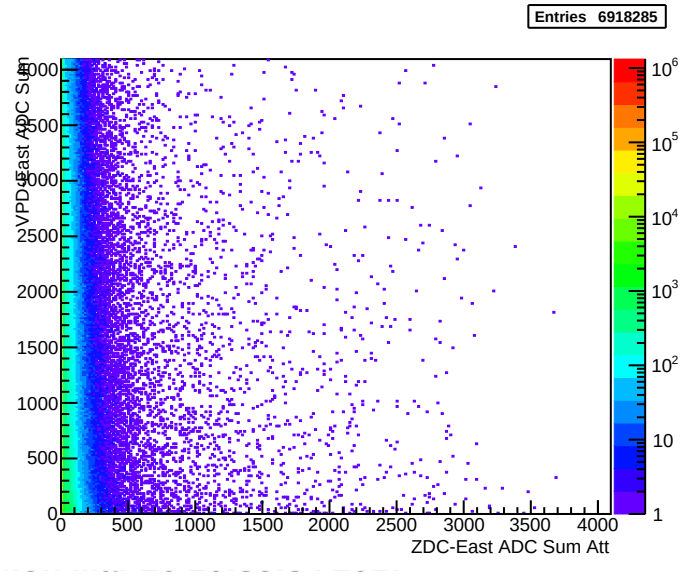

Entries 6918285
TOF Mult
ZDC-West ADC Sum Att

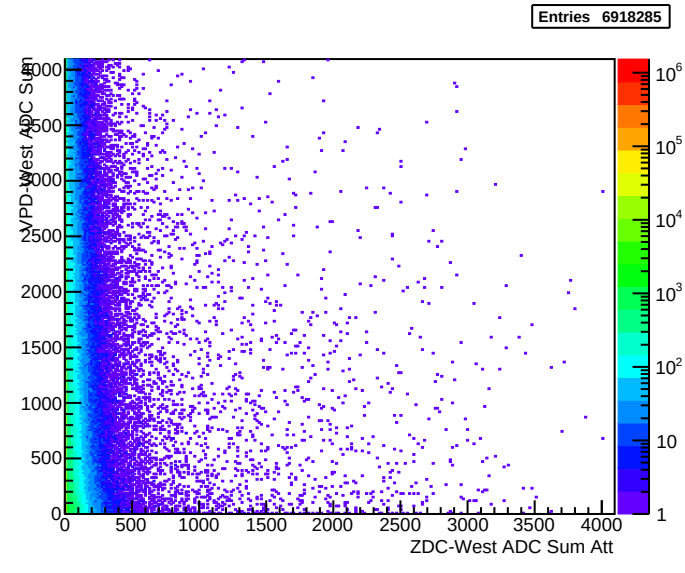

Entries 6918285
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

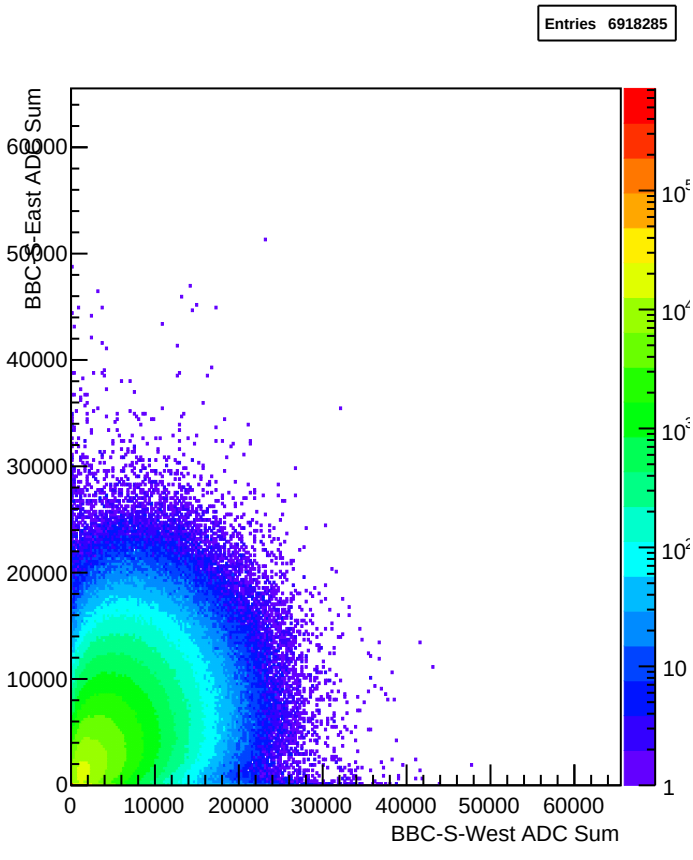

Entries 6918285
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

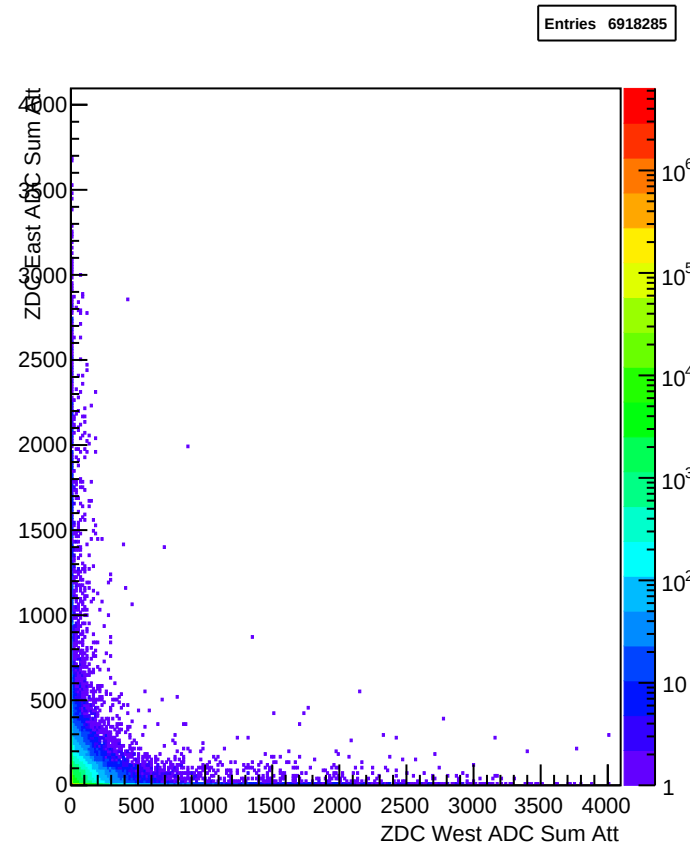

Entries 6918285
BBC-S-East ADC Sum
VPD-East ADC Sum

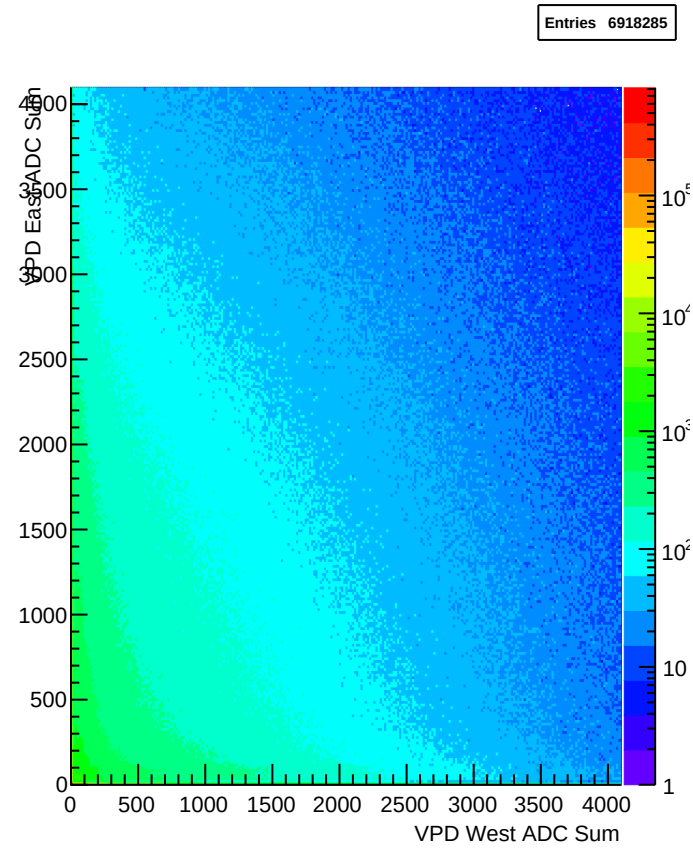

Entries 6918285
BBC-S-West ADC Sum
VPD-West ADC Sum

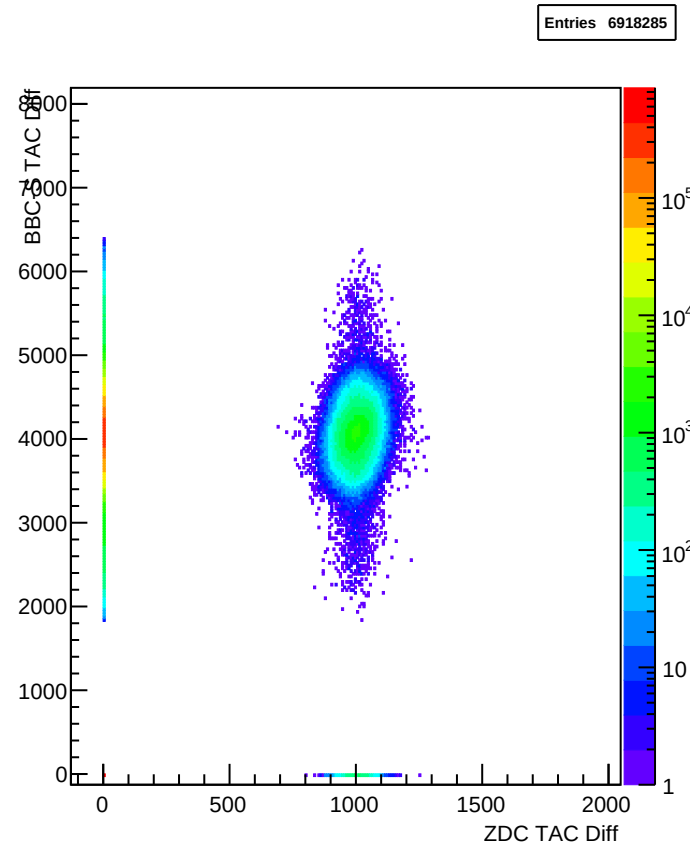

Entries 6918285
VPD-East ADC Sum
ZDC-East ADC Sum Att

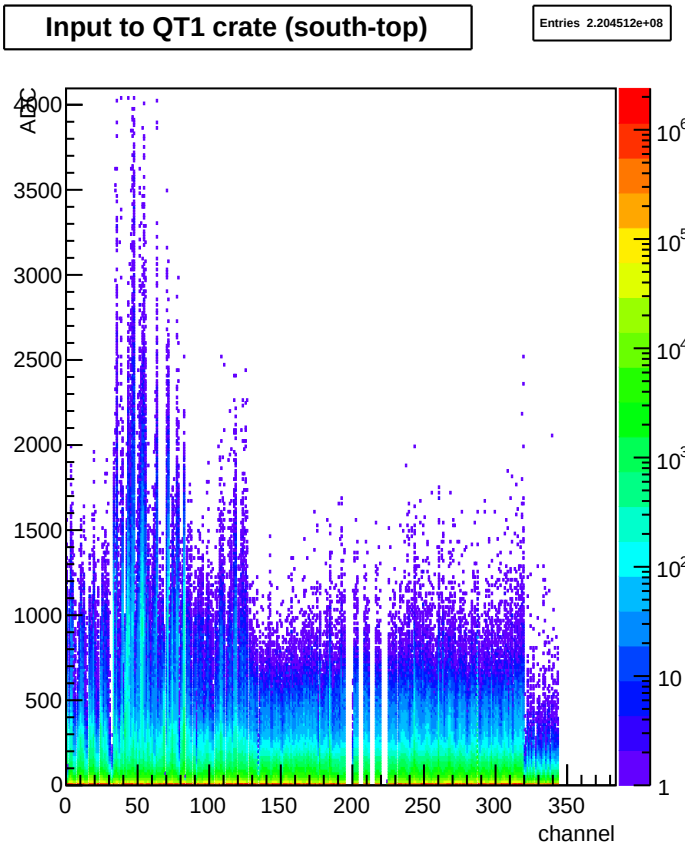

Entries 6918285
VPD-West ADC Sum
ZDC-West ADC Sum Att

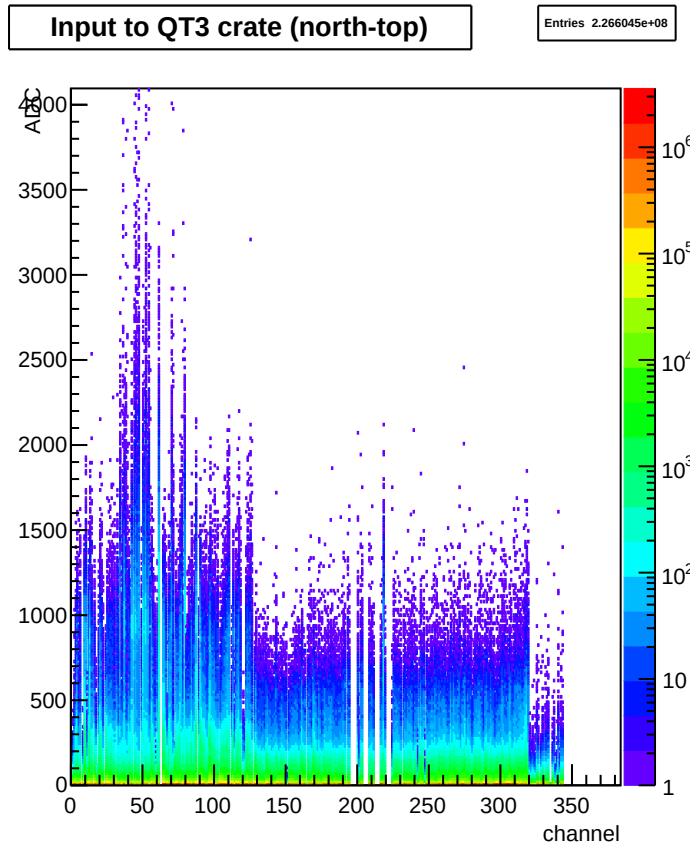

Entries 6918285
BBC-S-East ADC Sum
BBC-S-West ADC Sum

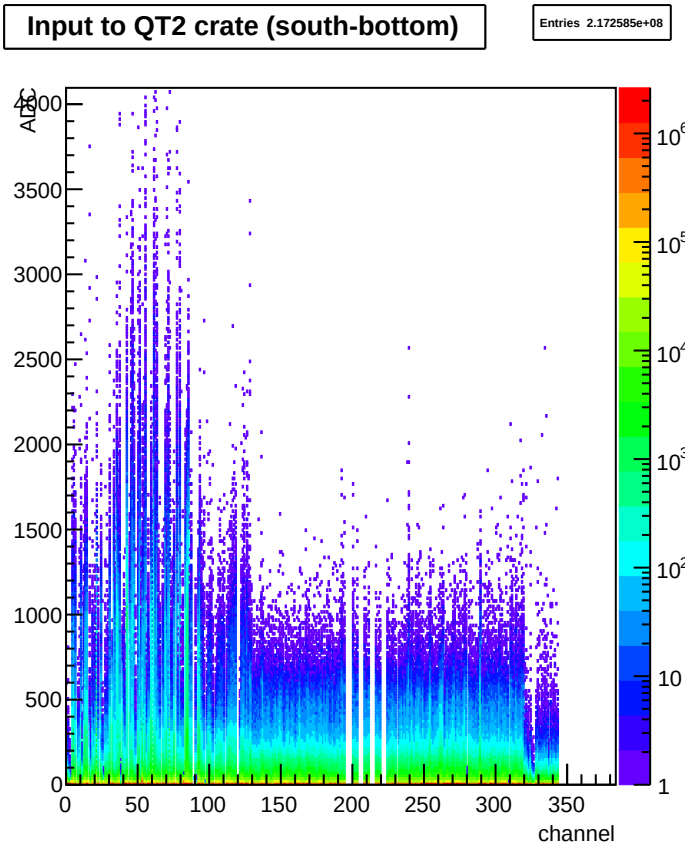

Entries 6918285
ZDC East ADC Sum Att
ZDC West ADC Sum Att

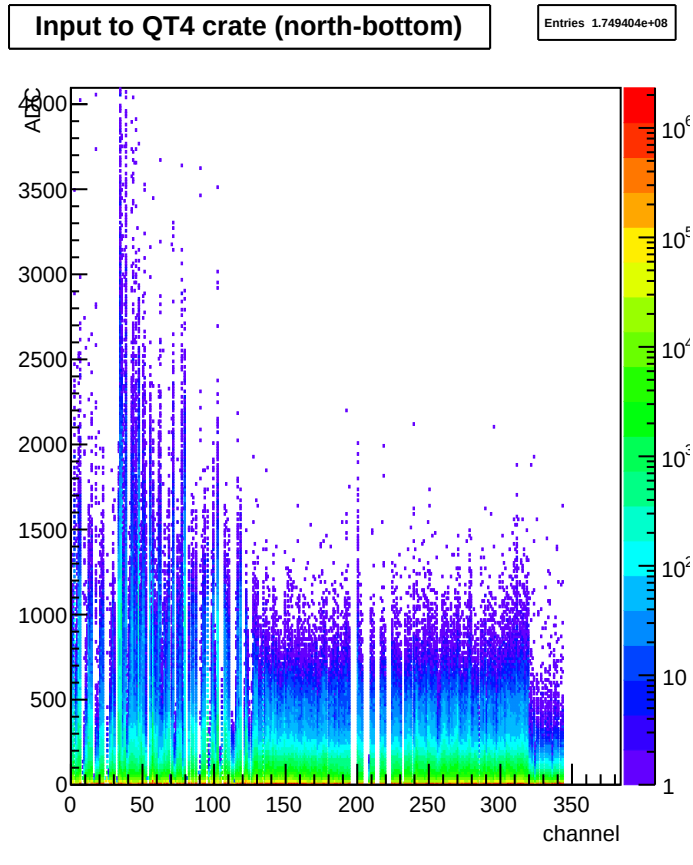

Entries 6918285
VPD East ADC Sum
VPD West ADC Sum

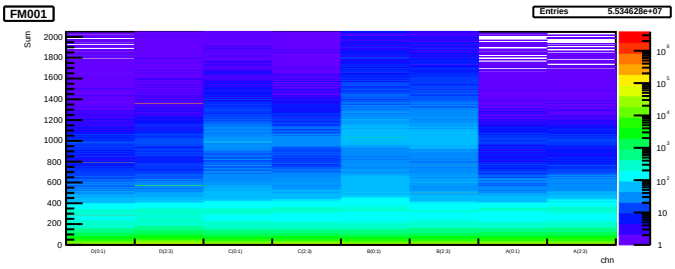

Entries 6918285
BBC-S TAC Diff
ZDC TAC Diff

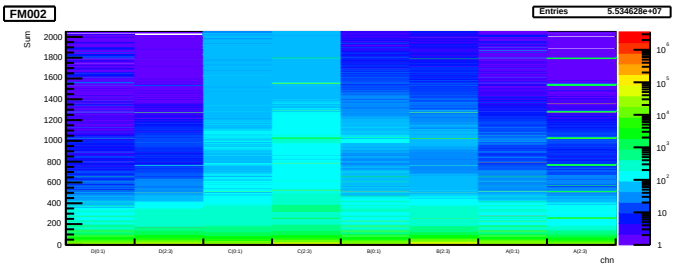

Input to QT1 crate (south-top)
Entries 2.204512e+08
ADC
channel


Input to QT3 crate (north-top)
Entries 2.266045e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 2.172585e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.749404e+08
ADC
channel


FM001
Entries 5.534628e+07
Sum
chn


FM002
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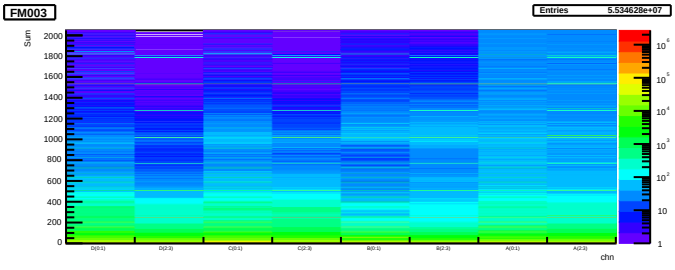
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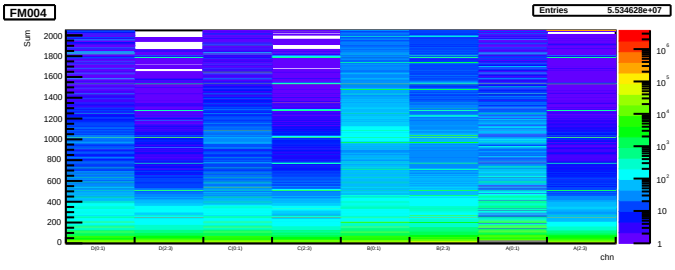
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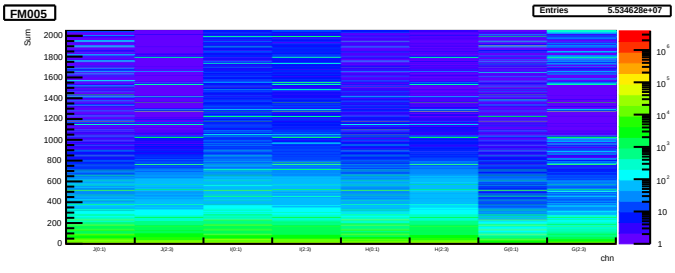
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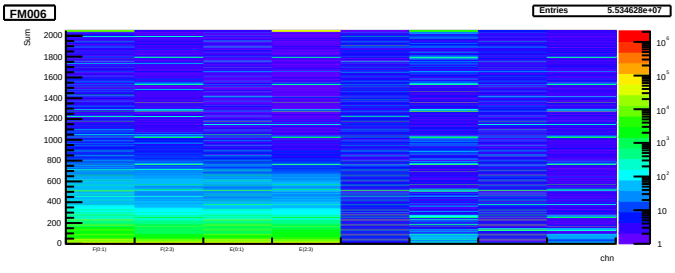
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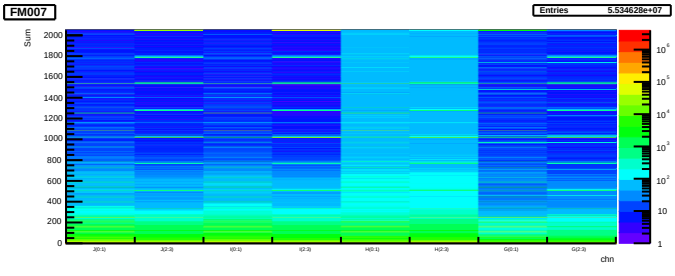
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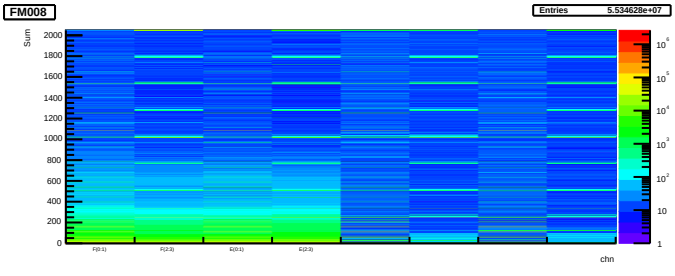
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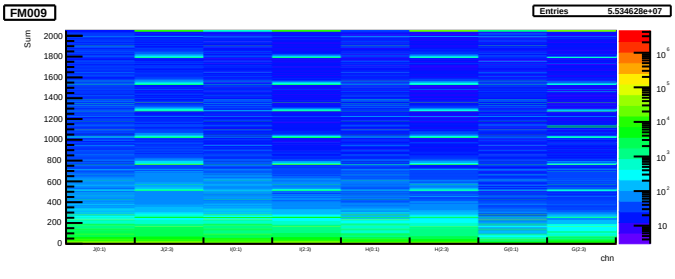
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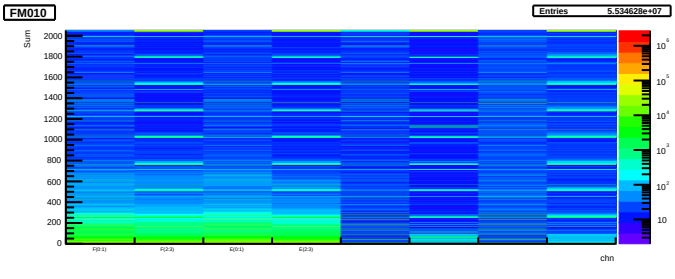
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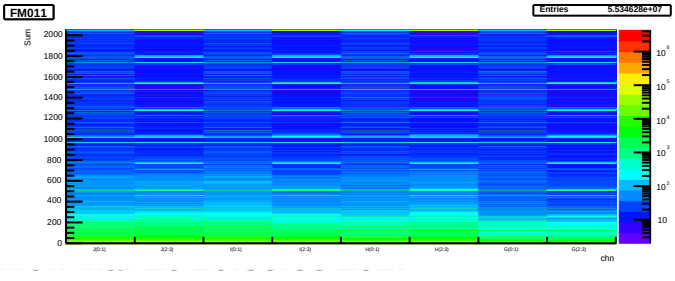
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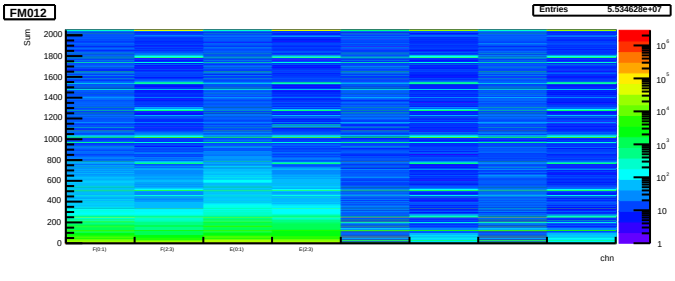
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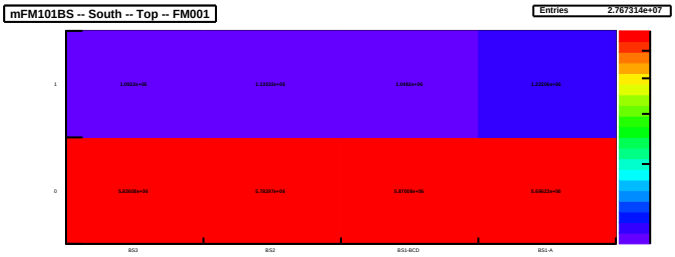
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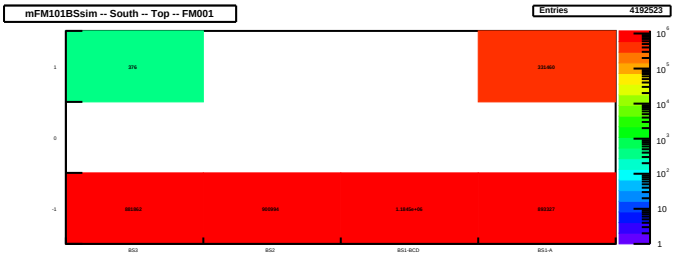
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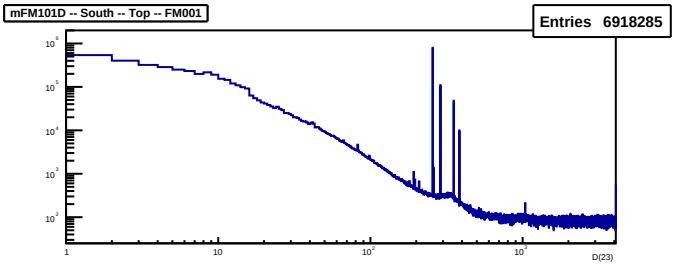
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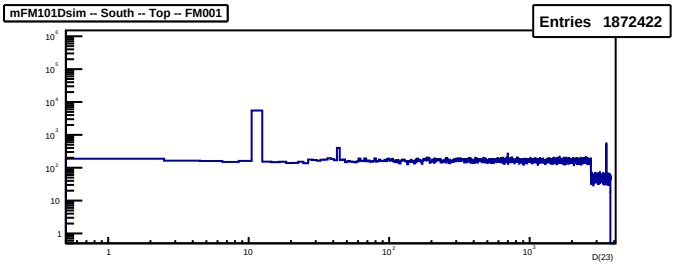
Entries 6918285
D(23)


mFM101Dsim -- South -- Top -- FM001
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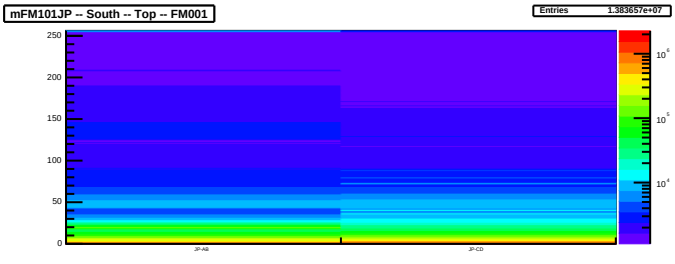
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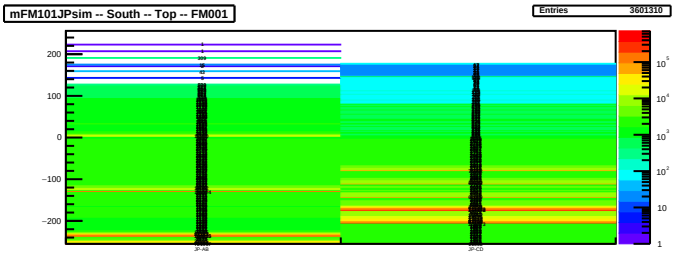
Entries 1.383657e+07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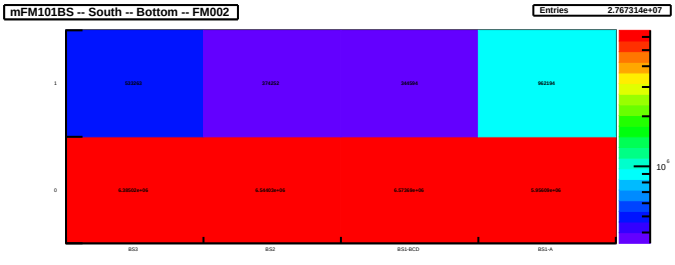
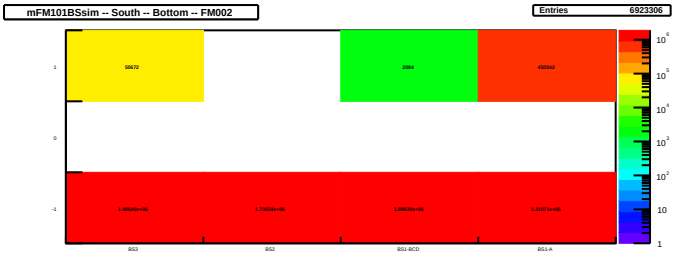

mFM101BS -- South -- Bottom -- FM002
Entries 2.767314e+07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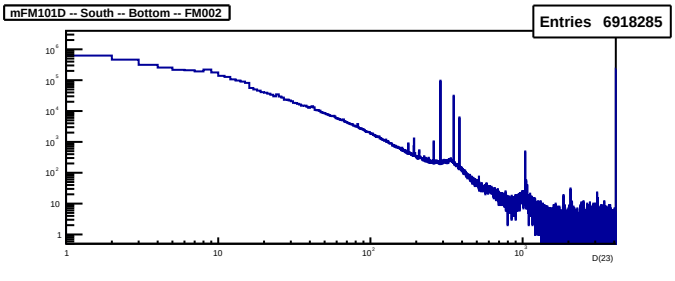
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Entries 6918285
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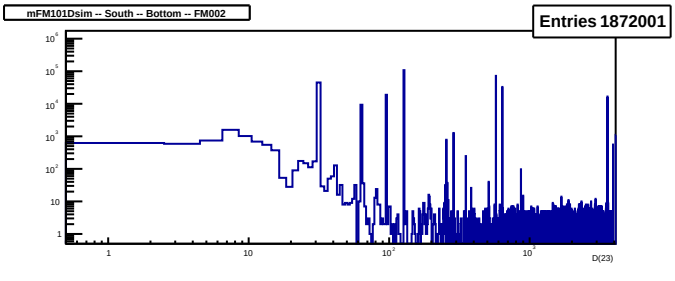
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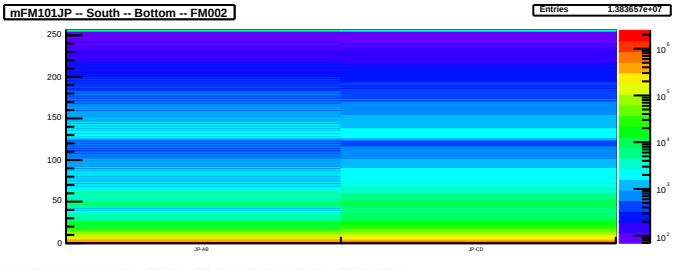
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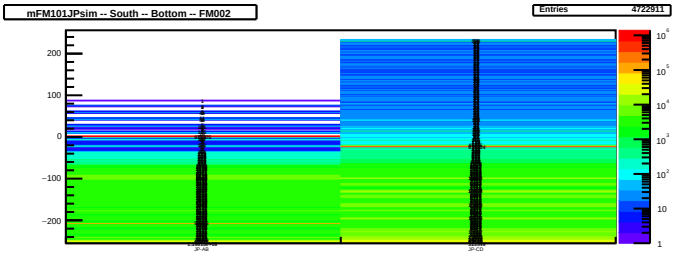
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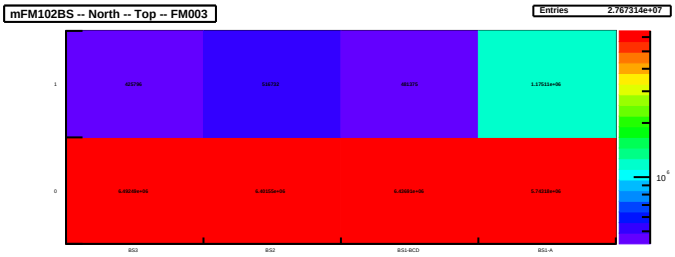
mFM102BS -- North -- Top -- FM003
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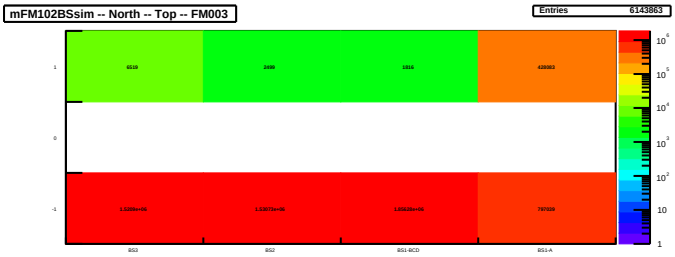
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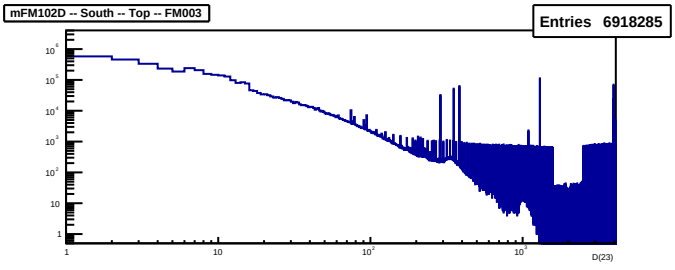
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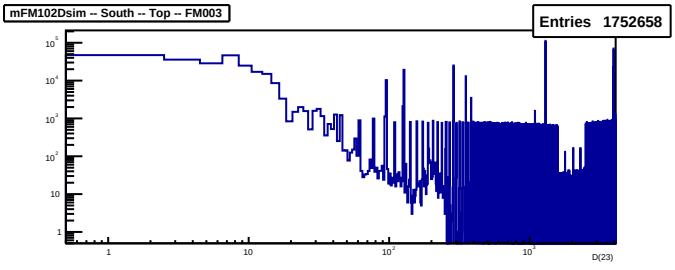
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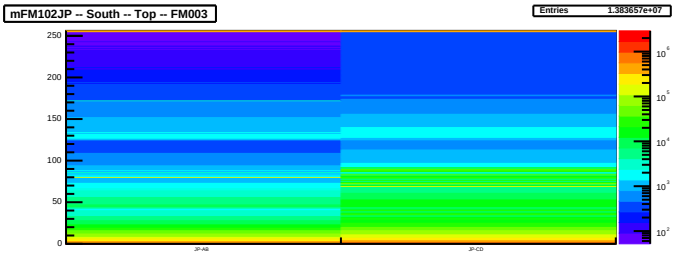
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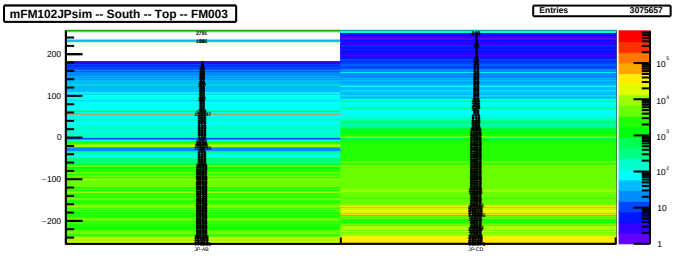
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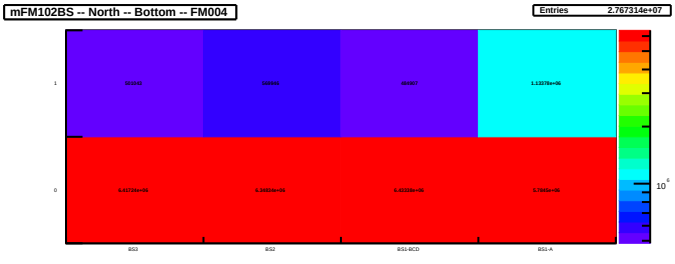
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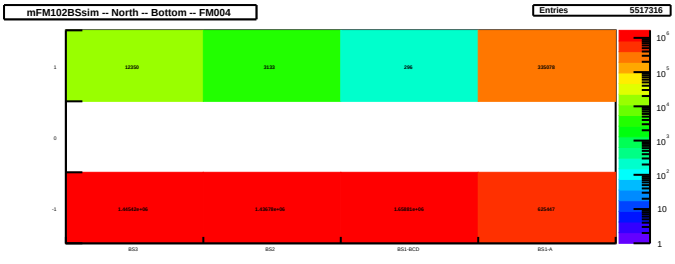
Entries 2.767314e+07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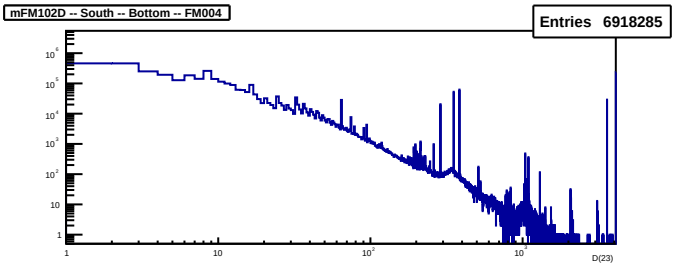
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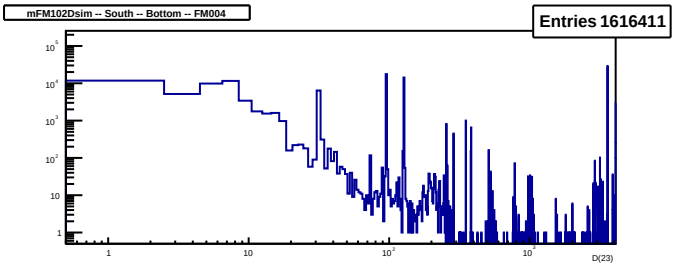
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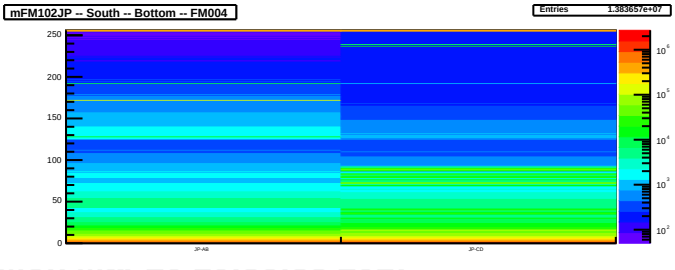
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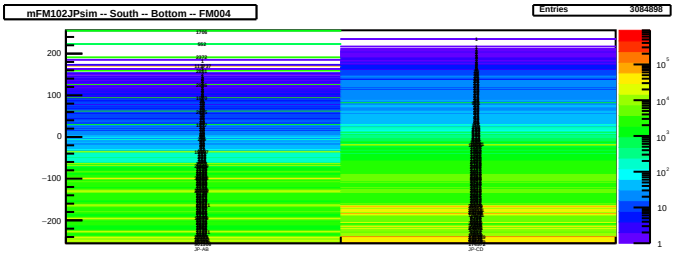
Entries 1.383657e+07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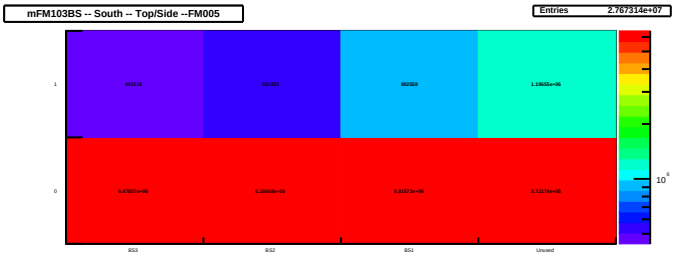
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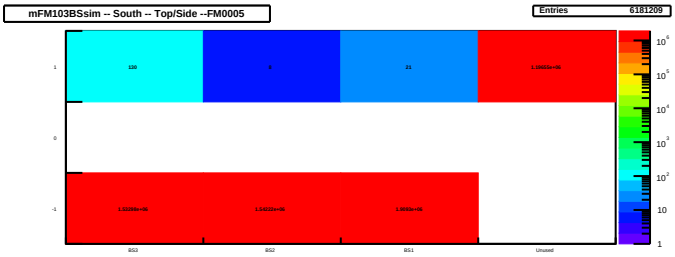
Entries 2.767314e+07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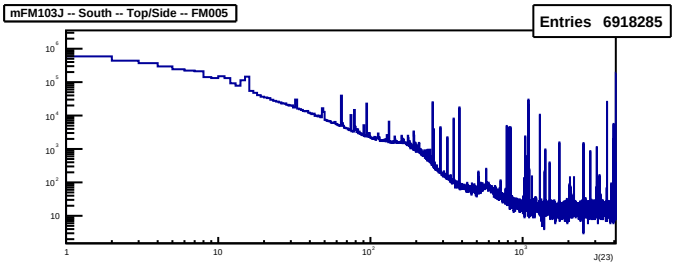
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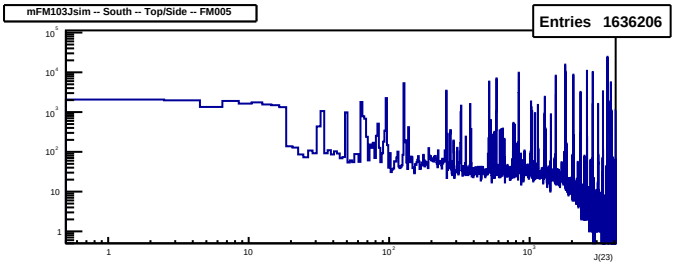
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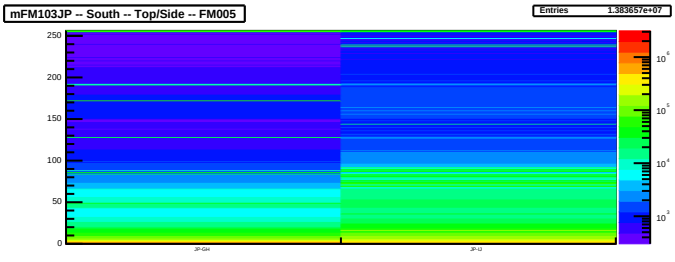
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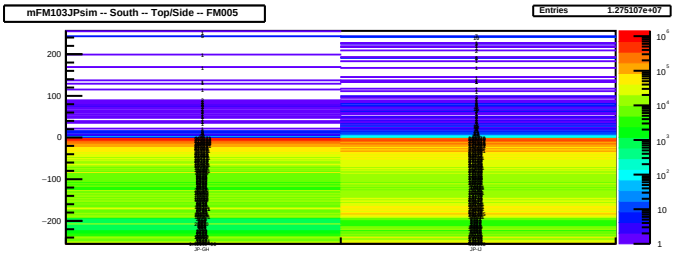
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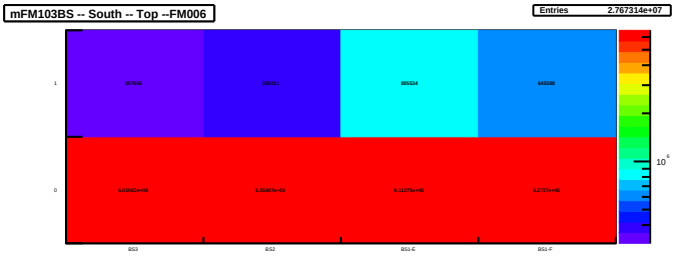
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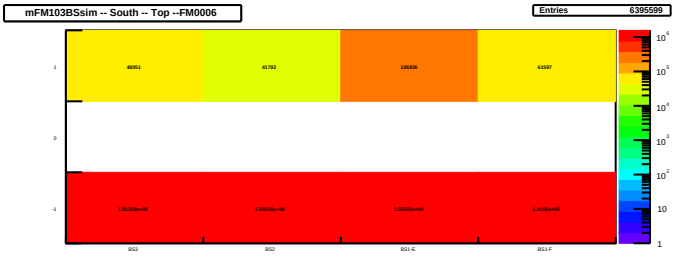
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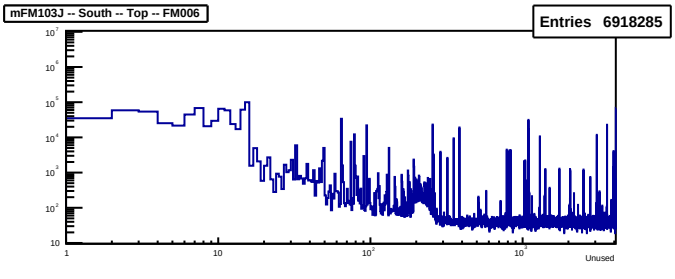
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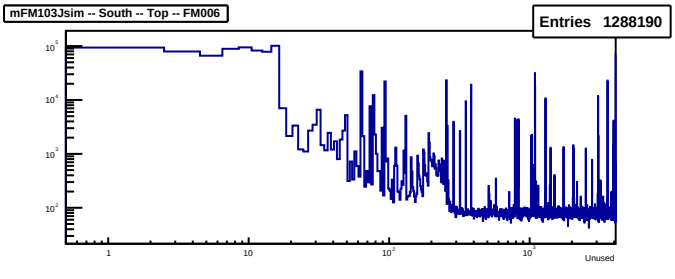
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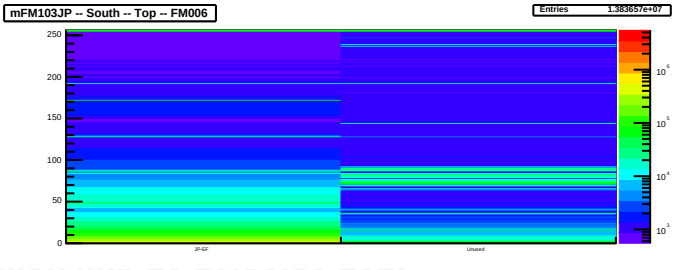
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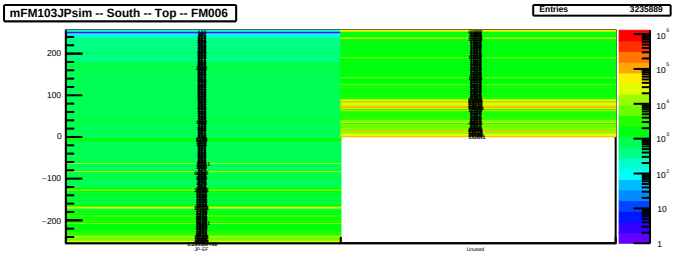
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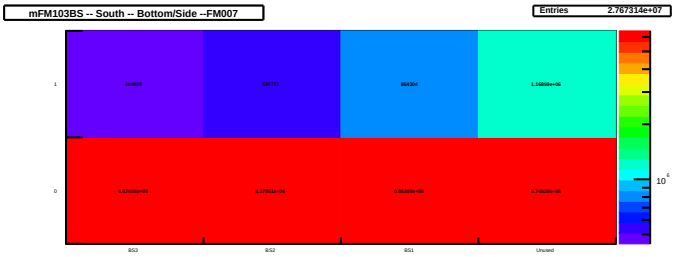
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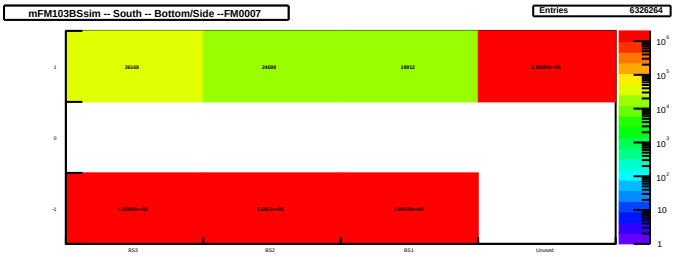
Entries 2.767314e+07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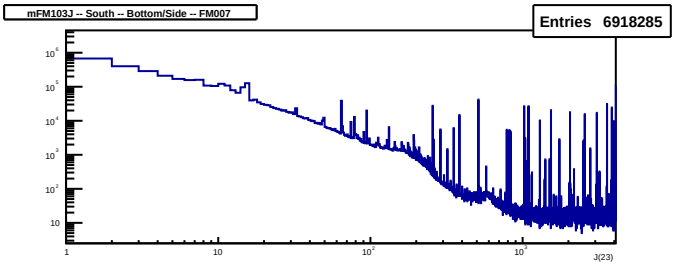
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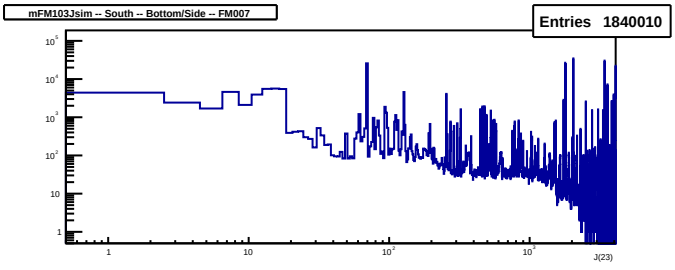
J(23)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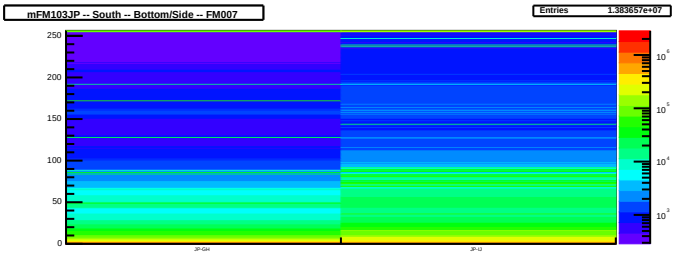
J(23)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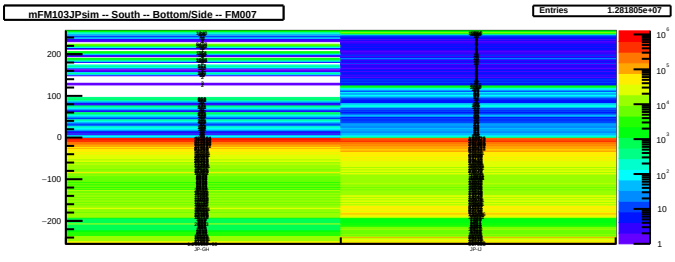
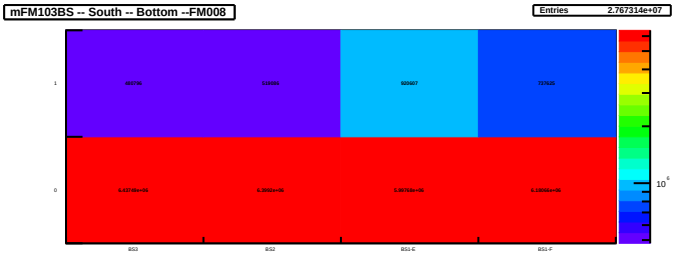
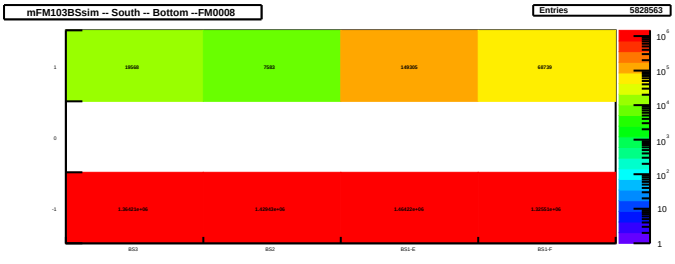
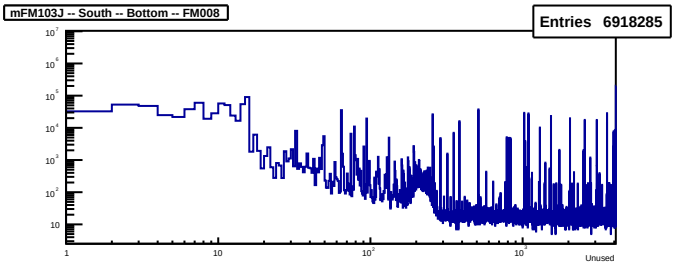
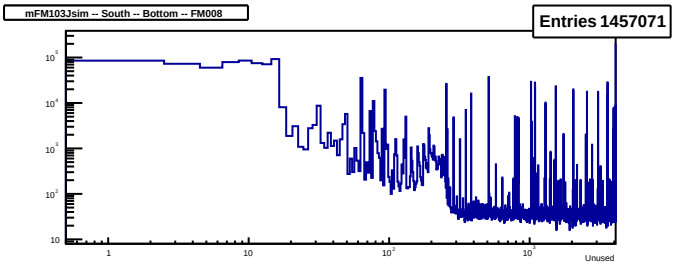
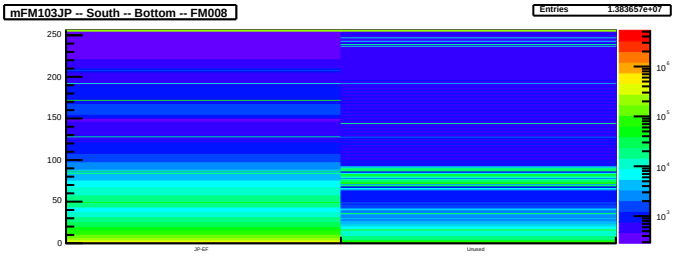

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 1.281805e+07

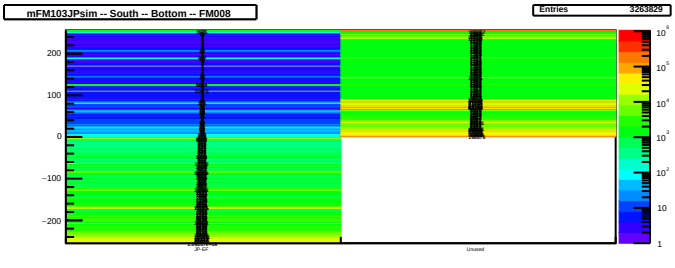

mFM103BS -- South -- Bottom --FM008
Entries 2.767314e+07

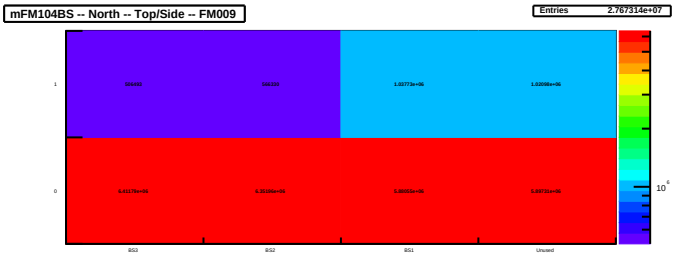

mFM103BSsim -- South -- Bottom --FM0008
Entries 5828563

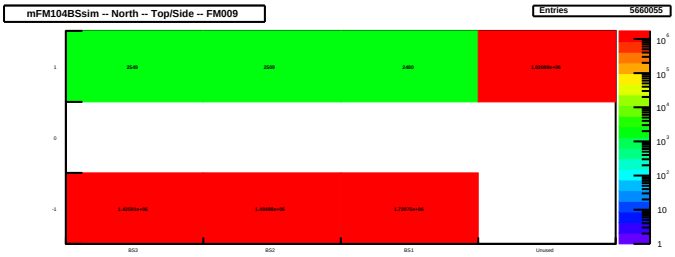

mFM103J -- South -- Bottom -- FM008
Entries 6918285
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 1457071
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 1.383657e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3263829


mFM104BS -- North -- Top/Side -- FM009
Entries 2.767314e+07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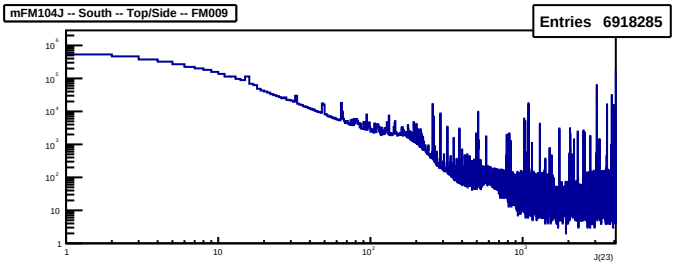
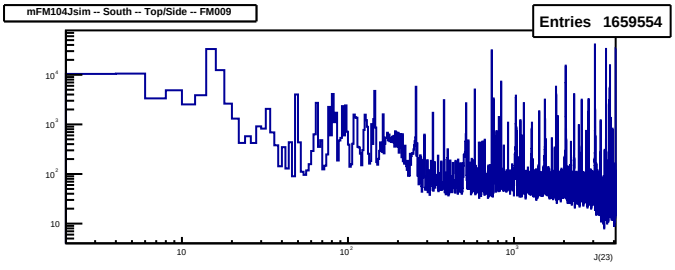
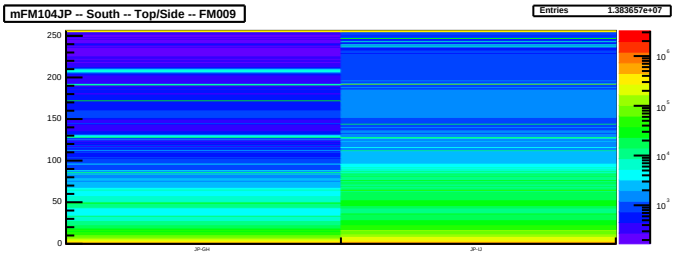
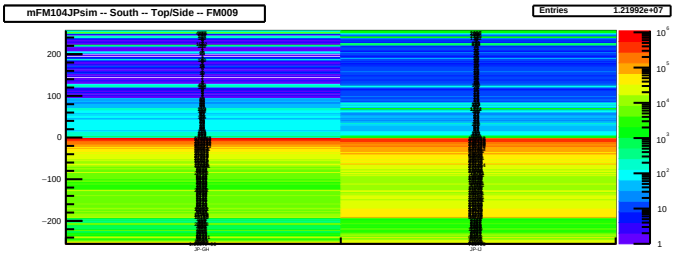
Entries 5660055


mFM104J -- South -- Top/Side -- FM009
Entries 6918285
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1659554
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.383657e+07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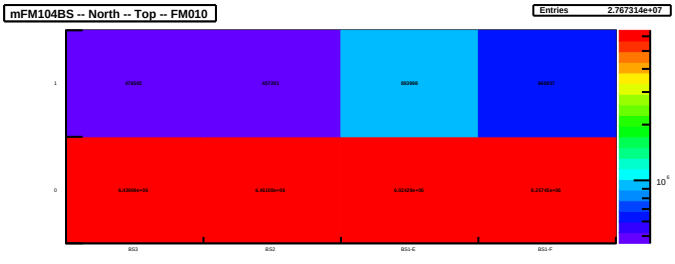
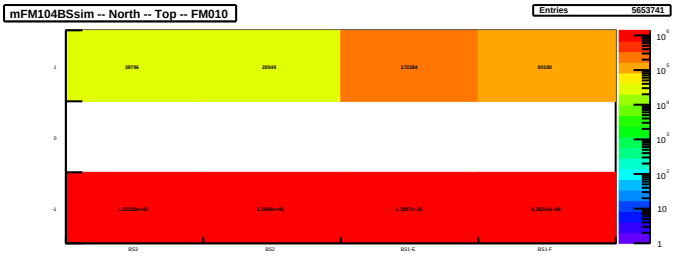
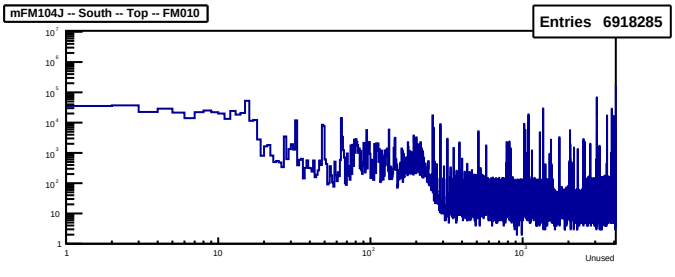
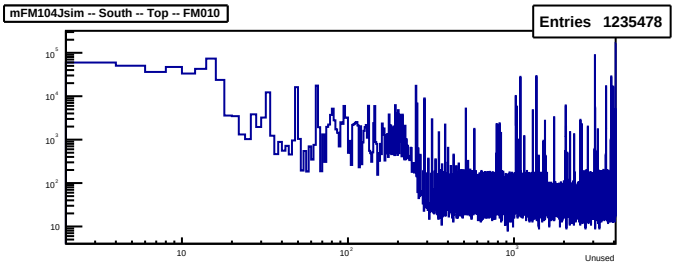
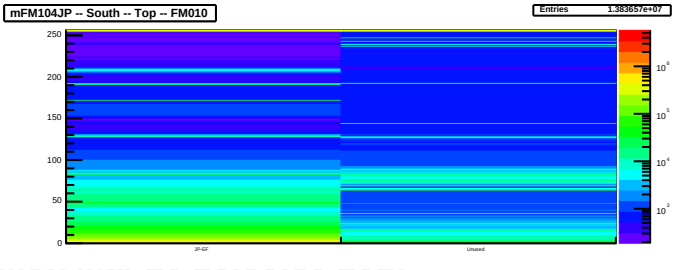
Entries 1.21992e+07

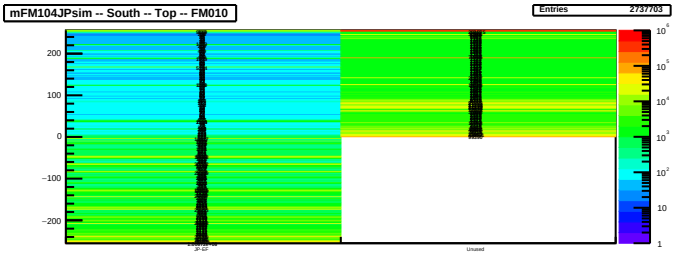

mFM104BS -- North -- Top -- FM010
Entries 2.767314e+07

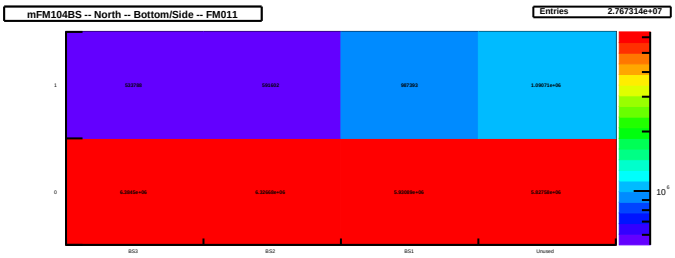

mFM104BSsim -- North -- Top -- FM010
Entries 5653741

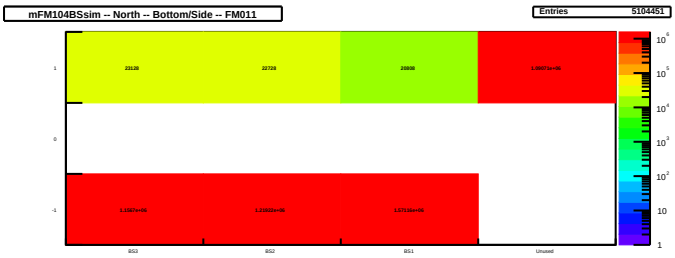

mFM104J -- South -- Top -- FM010
Entries 6918285
Unused

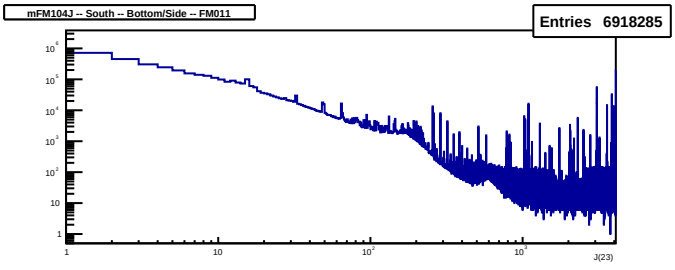

mFM104Jsim -- South -- Top -- FM010
Entries 1235478
Unused

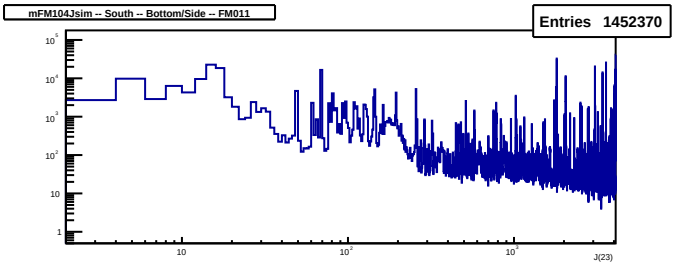

mFM104JP -- South -- Top -- FM010
Entries 1.383657e+07

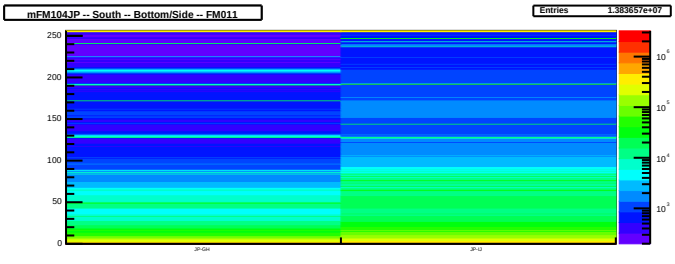

mFM104JPsim -- South -- Top -- FM010
Entries 2737703

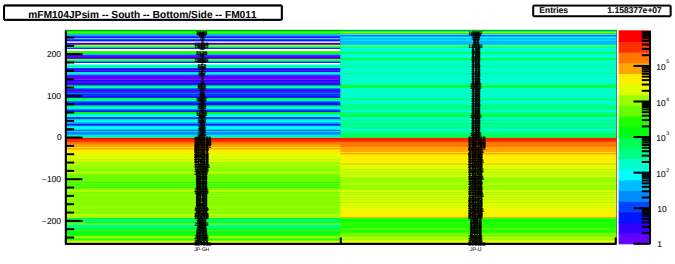

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.767314e+07

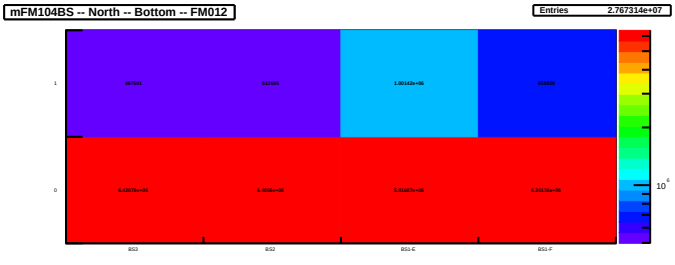

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5104451

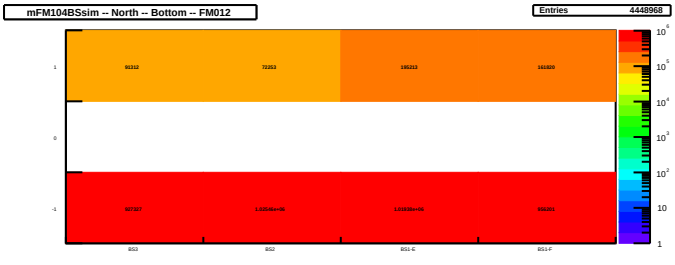

mFM104J -- South -- Bottom/Side -- FM011
Entries 6918285
J(23)

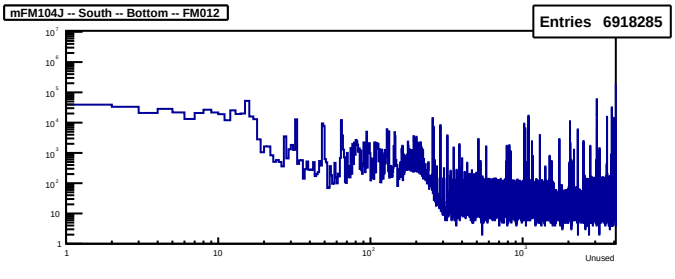

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1452370
J(23)

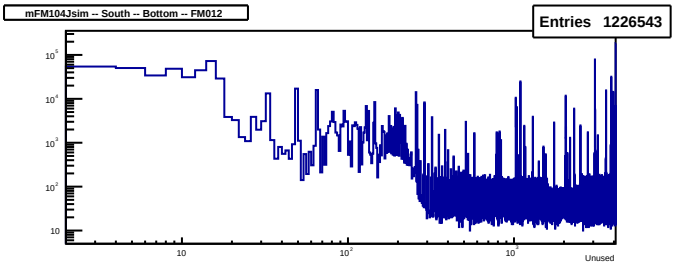

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.383657e+07

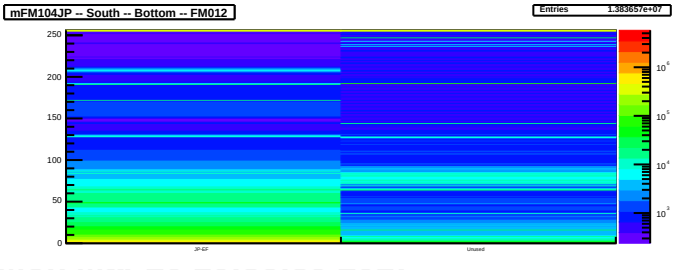

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1.158377e+07

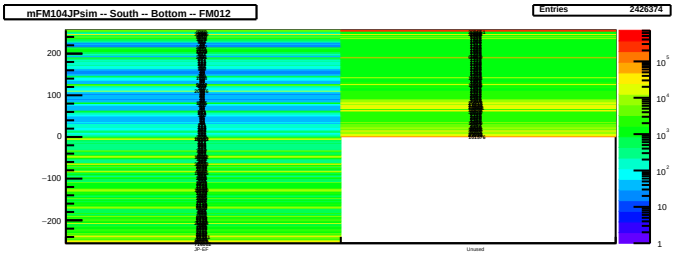

mFM104BS -- North -- Bottom -- FM012
Entries 2.767314e+07

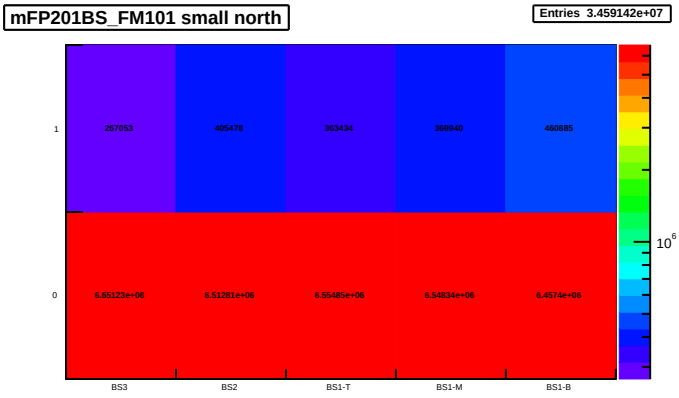

mFM104BSsim -- North -- Bottom -- FM012
Entries 4448968

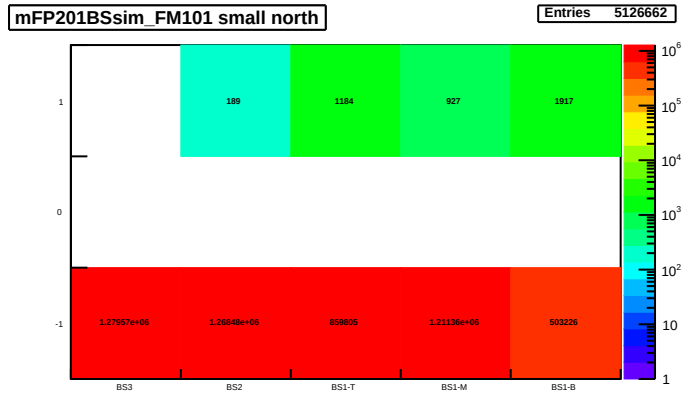

mFM104J -- South -- Bottom -- FM012
Entries 6918285
Unused

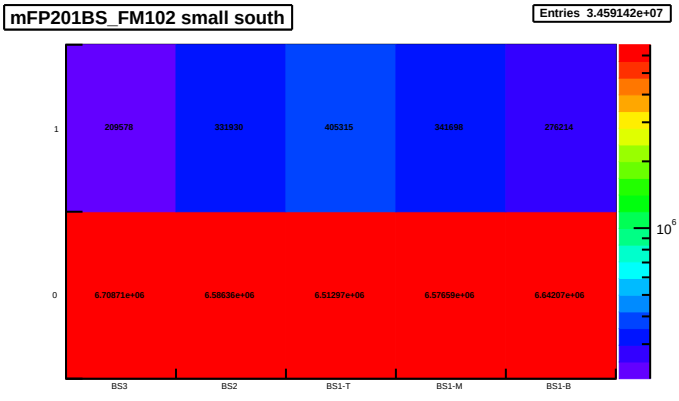

mFM104Jsim -- South -- Bottom -- FM012
Entries 1226543
Unused

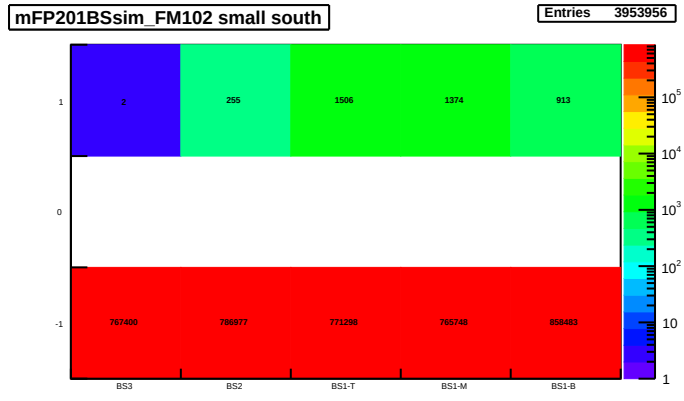

mFM104JP -- South -- Bottom -- FM012
Entries 1.383657e+07


mFM104JPsim -- South -- Bottom -- FM012
Entries 2426374


mFP201BS_FM101 small north
Entries 3.459142e+07
1
0
267053
405478
363434
369940
460885
6.65123e+06
6.51281e+06
6.55485e+06
6.54834e+06
6.4574e+06
10^6
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM101 small north
Entries 5126662
1
0
-1
189
1184
927
1917
1.27957e+06
1.26848e+06
859805
1.21136e+06
503226
10^6
10^5
10^4
10^3
10^2
10
1
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM102 small south
Entries 3.459142e+07
1
0
209578
331930
405315
341698
276214
6.70871e+06
6.58636e+06
6.51297e+06
6.57659e+06
6.64207e+06
10^6
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM102 small south
Entries 3953956
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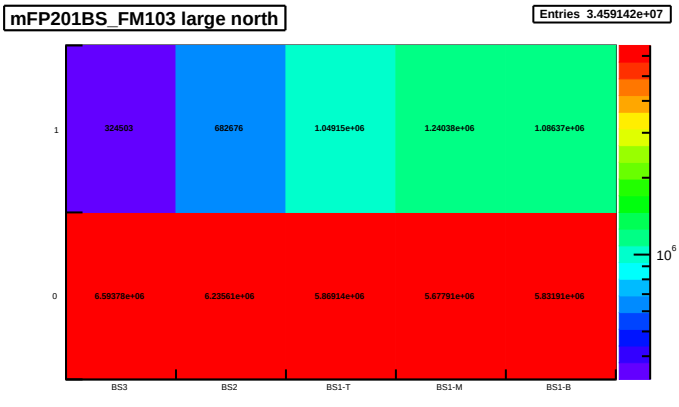
0
-1
2
255
1506
1374
913
767400
786977
771298
765748
858483
10^5
10^4
10^3
10^2
10
1
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM103 large north
Entries 3.459142e+07
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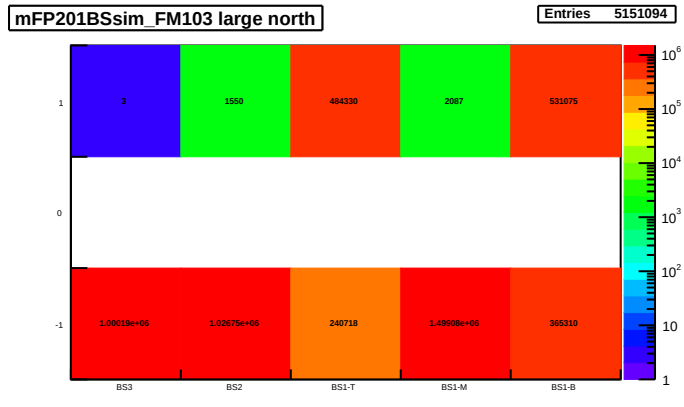
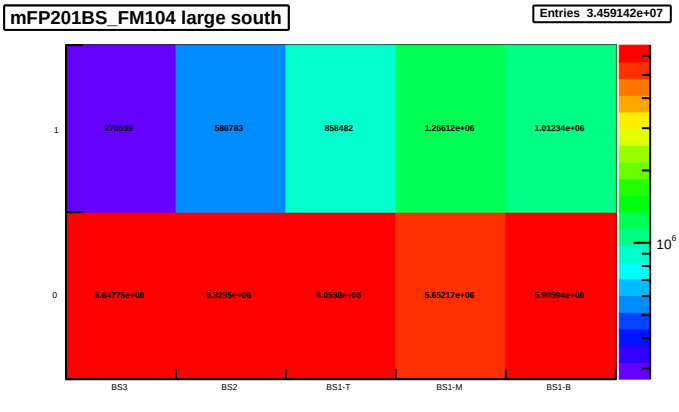
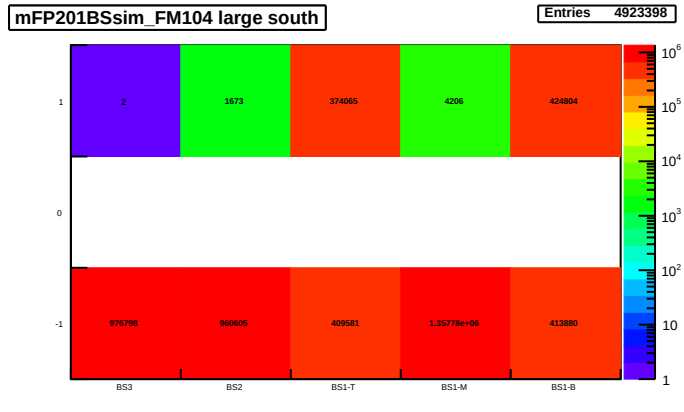
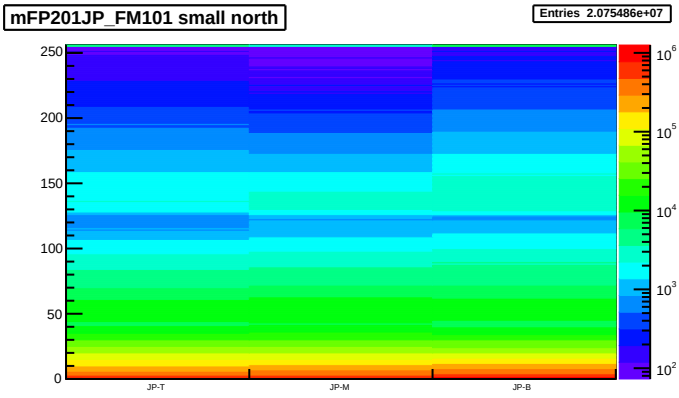
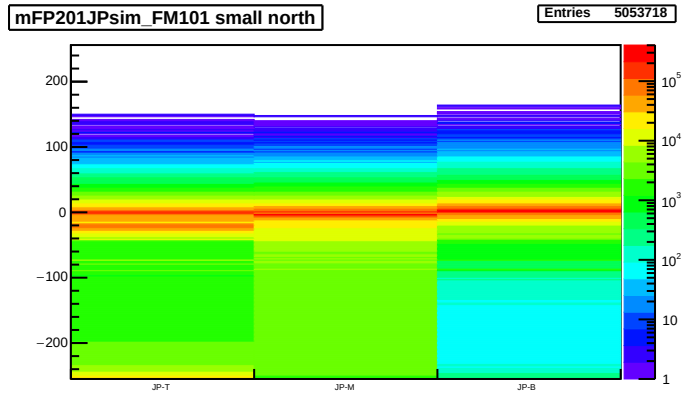
0
324503
682676
1.04915e+06
1.24038e+06
1.08637e+06
6.59378e+06
6.23561e+06
5.86914e+06
5.67791e+06
5.83191e+06
10^6
BS3
BS2
BS1-T
BS1-M
BS1-B

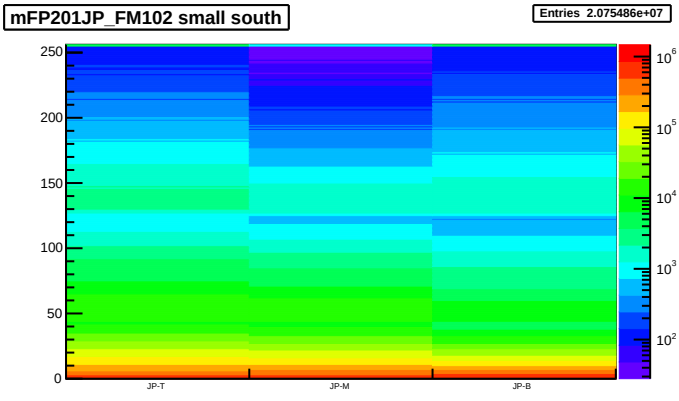

mFP201BSsim_FM103 large north
Entries 5151094
1
0
-1
3
1550
484330
2087
531075
1.00019e+06
1.02675e+06
240718
1.49908e+06
365310
10^6
10^5
10^4
10^3
10^2
10
1
BS3
BS2
BS1-T
BS1-M
BS1-B

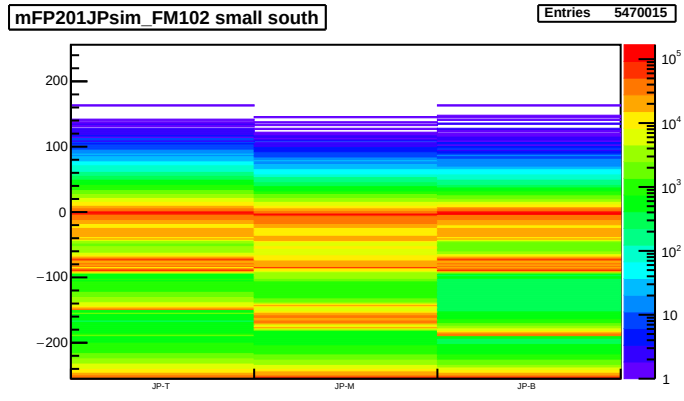

mFP201BS_FM104 large south
Entries 3.459142e+07
1
0
270539
588783
858482
1.26612e+06
1.01234e+06
6.64775e+06
6.3295e+06
6.0598e+06
5.65217e+06
5.90594e+06
10^6
BS3
BS2
BS1-T
BS1-M
BS1-B

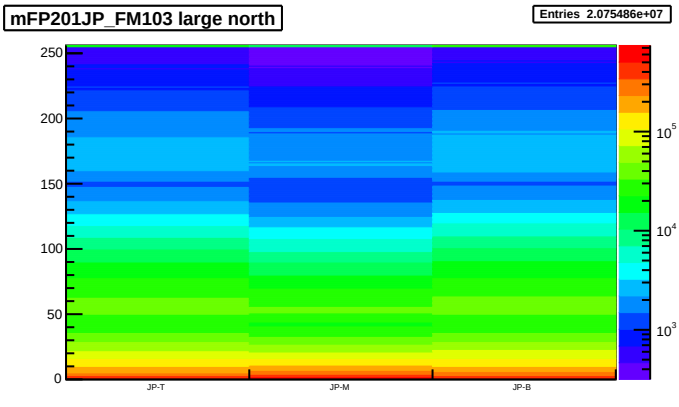

mFP201BSsim_FM104 large south
Entries 4923398
1
0
-1
2
1673
374065
4206
424804
976798
960605
409581
1.35778e+06
413880
10^6
10^5
10^4
10^3
10^2
10
1
BS3
BS2
BS1-T
BS1-M
BS1-B

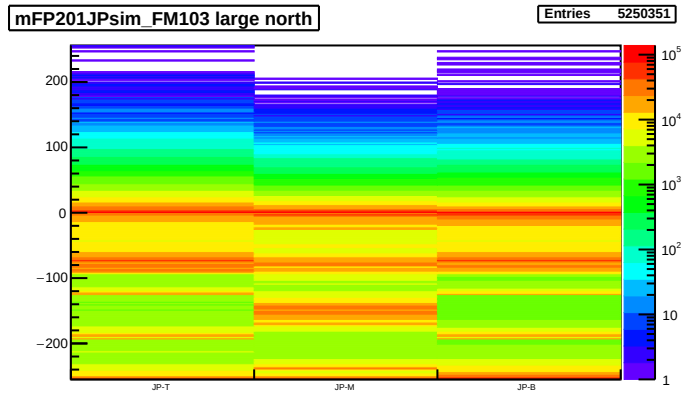

mFP201JP_FM101 small north
Entries 2.075486e+07
JP-T
JP-M
JP-B

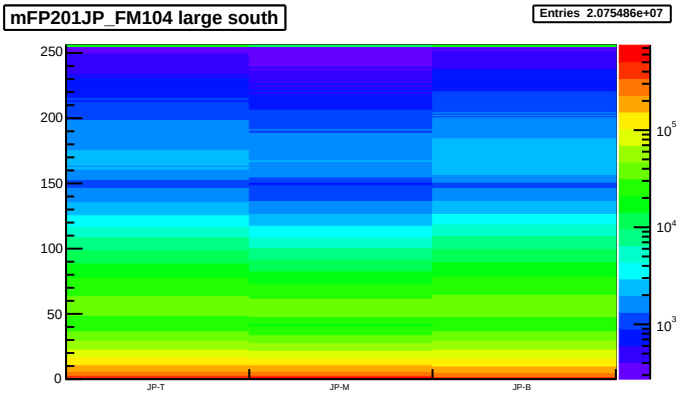

mFP201JPsim_FM101 small north
Entries 5053718
JP-T
JP-M
JP-B

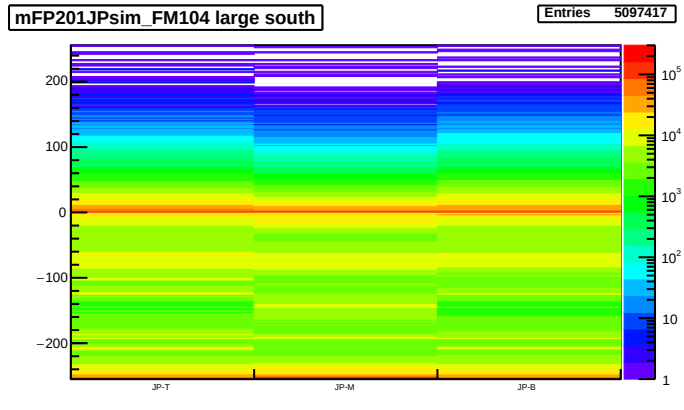

mFP201JP_FM102 small south
Entries 2.075486e+07
JP-T
JP-M
JP-B

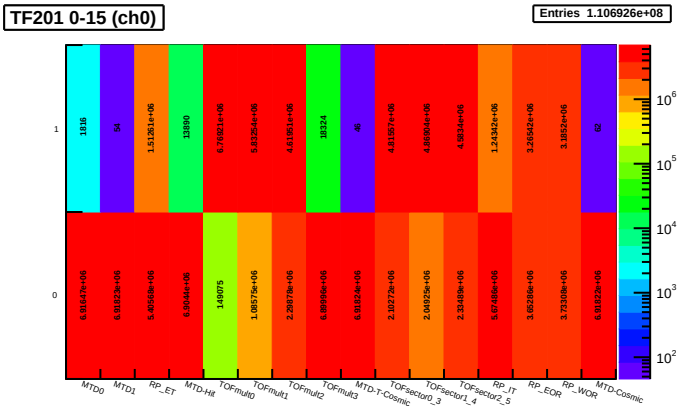

mFP201JPsim_FM102 small south
Entries 5470015
JP-T
JP-M
JP-B


mFP201JP_FM103 large north
Entries 2.075486e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM103 large north
Entries 5250351
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 2.075486e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5097417
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.106926e+08
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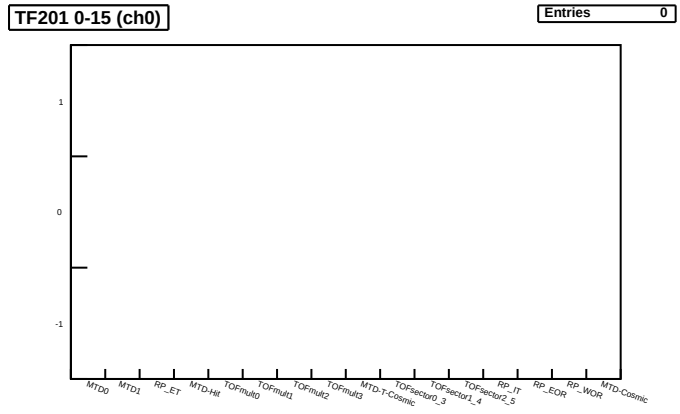
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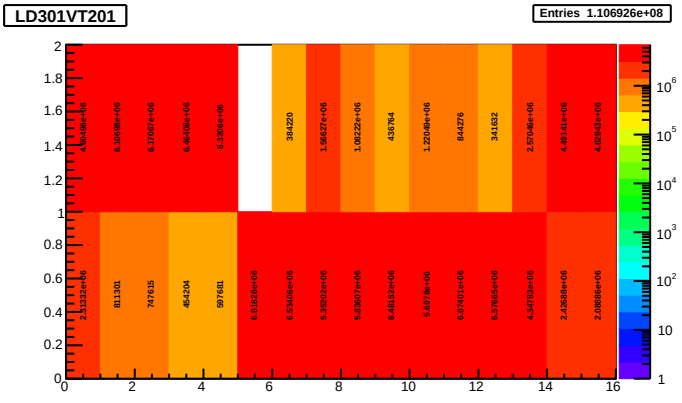
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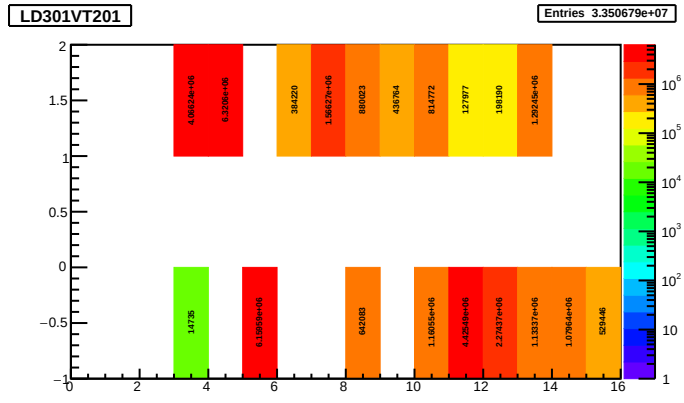
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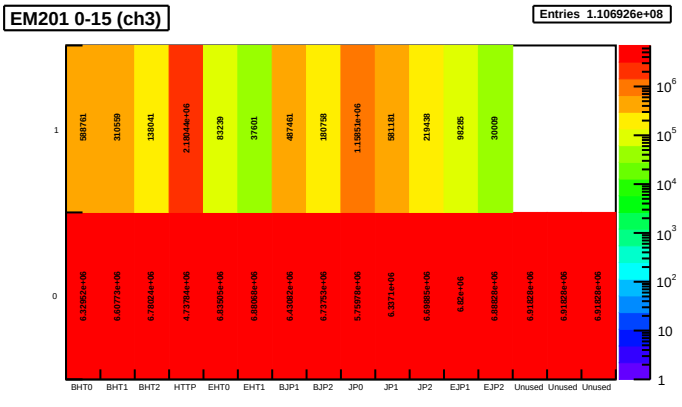
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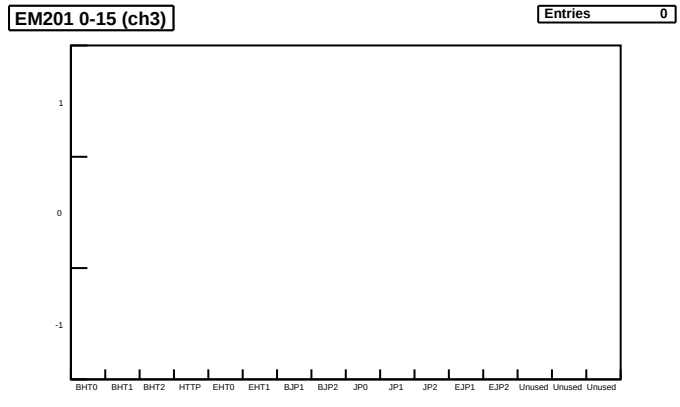
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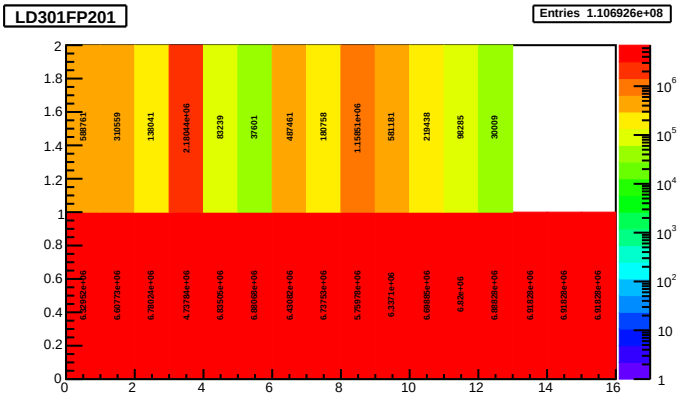
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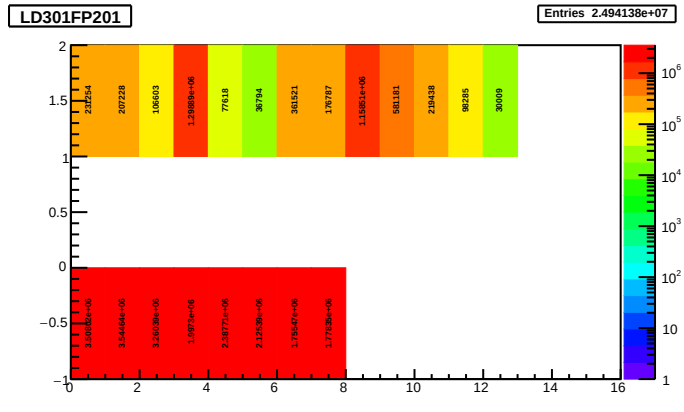
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