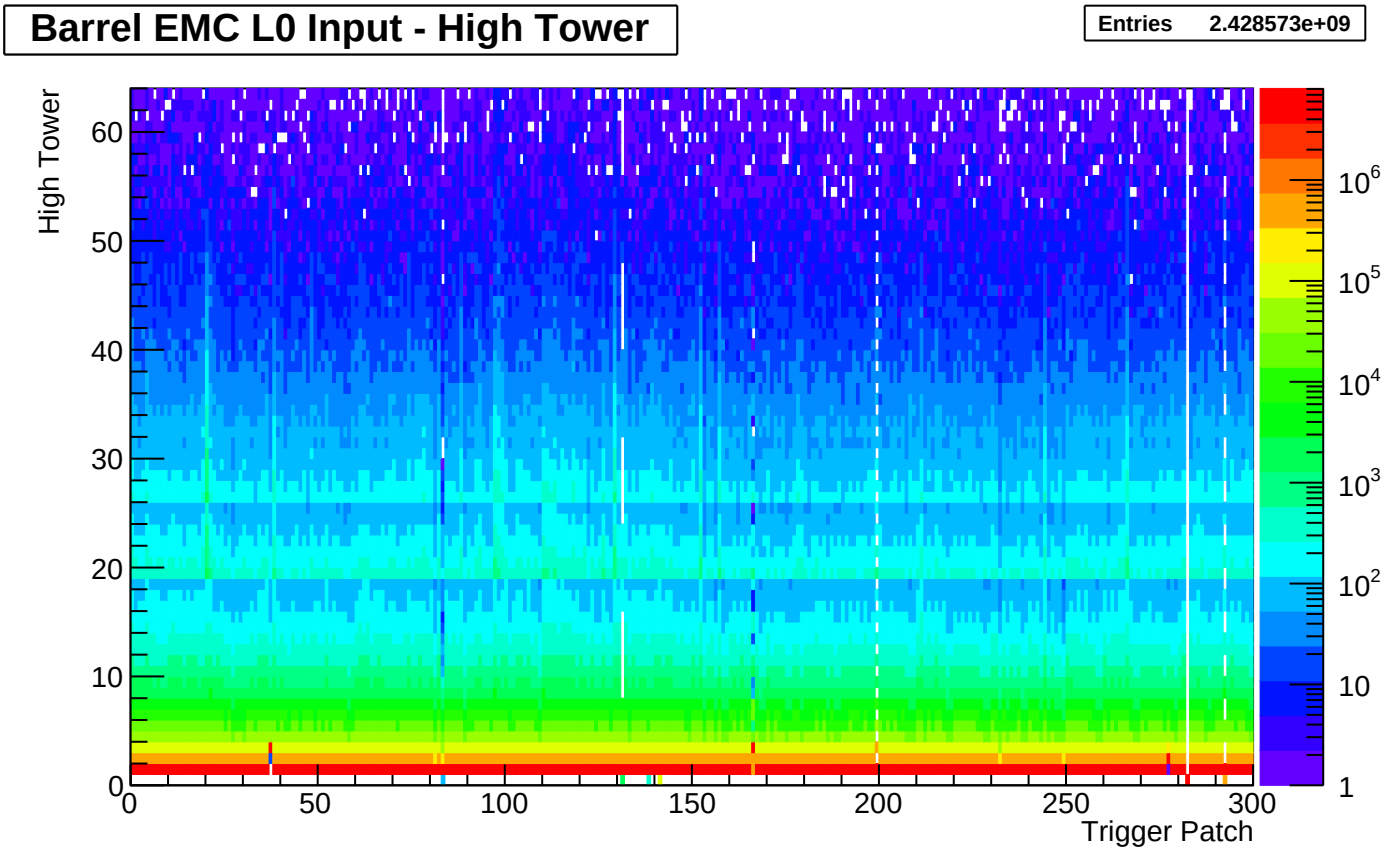
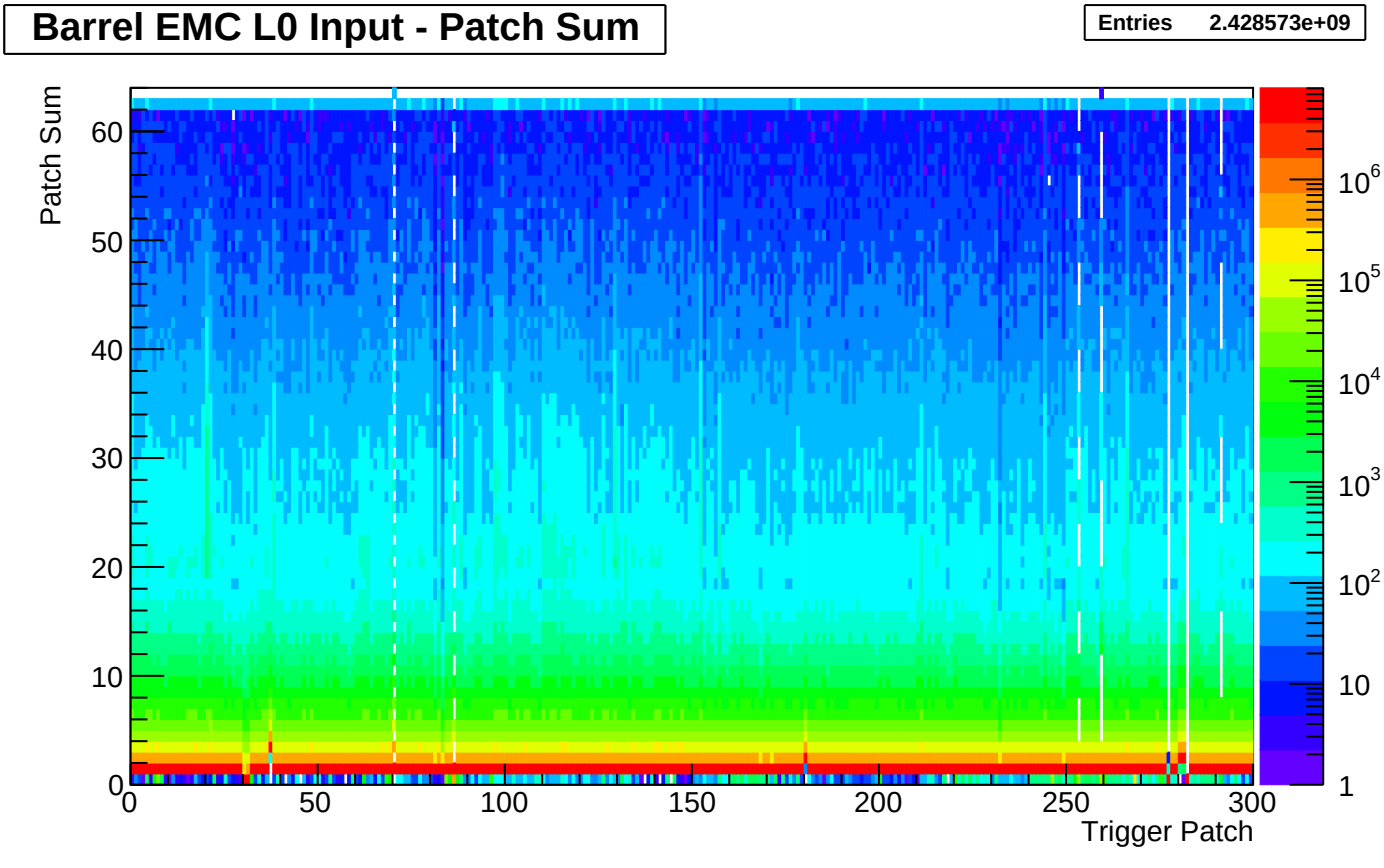
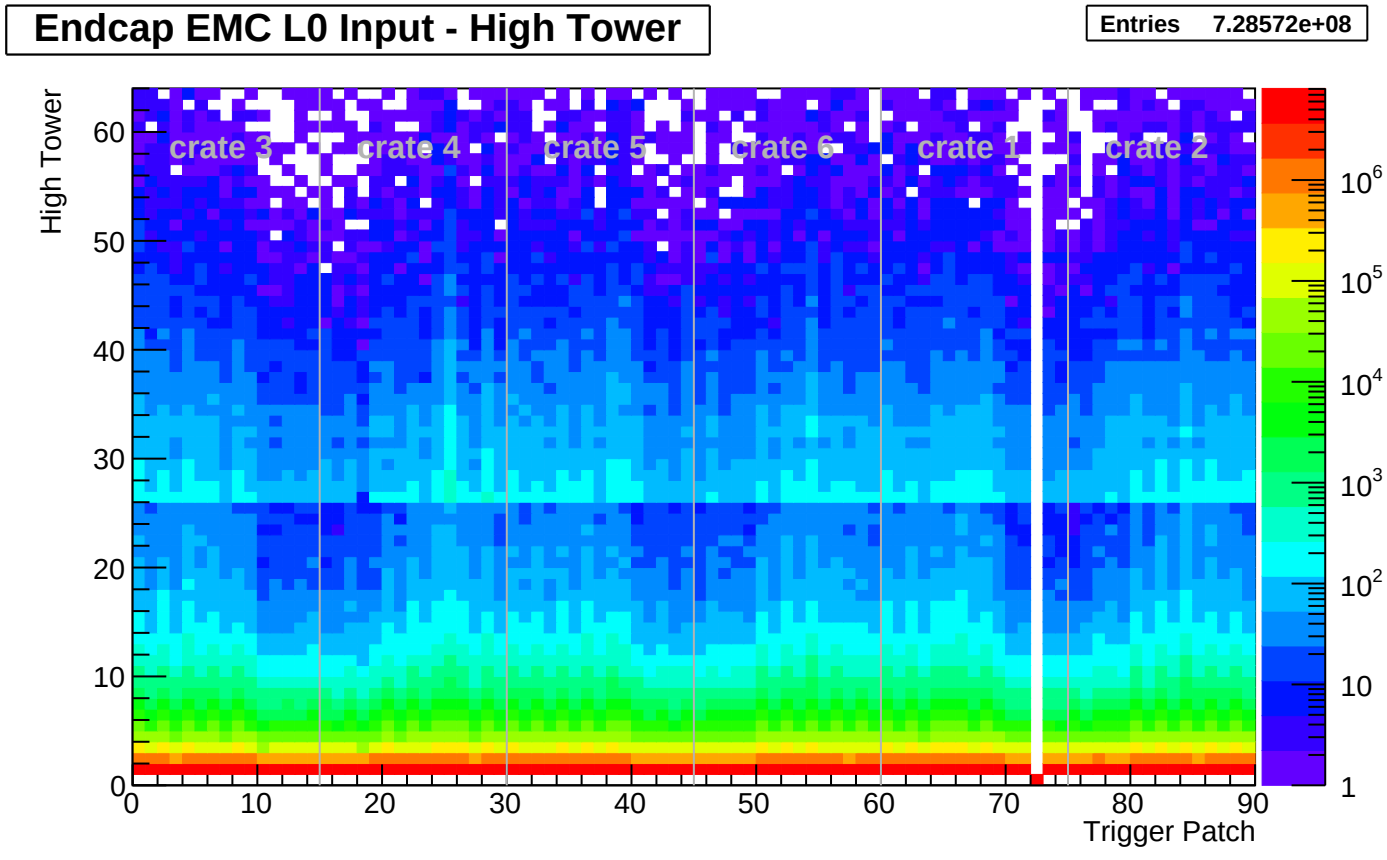
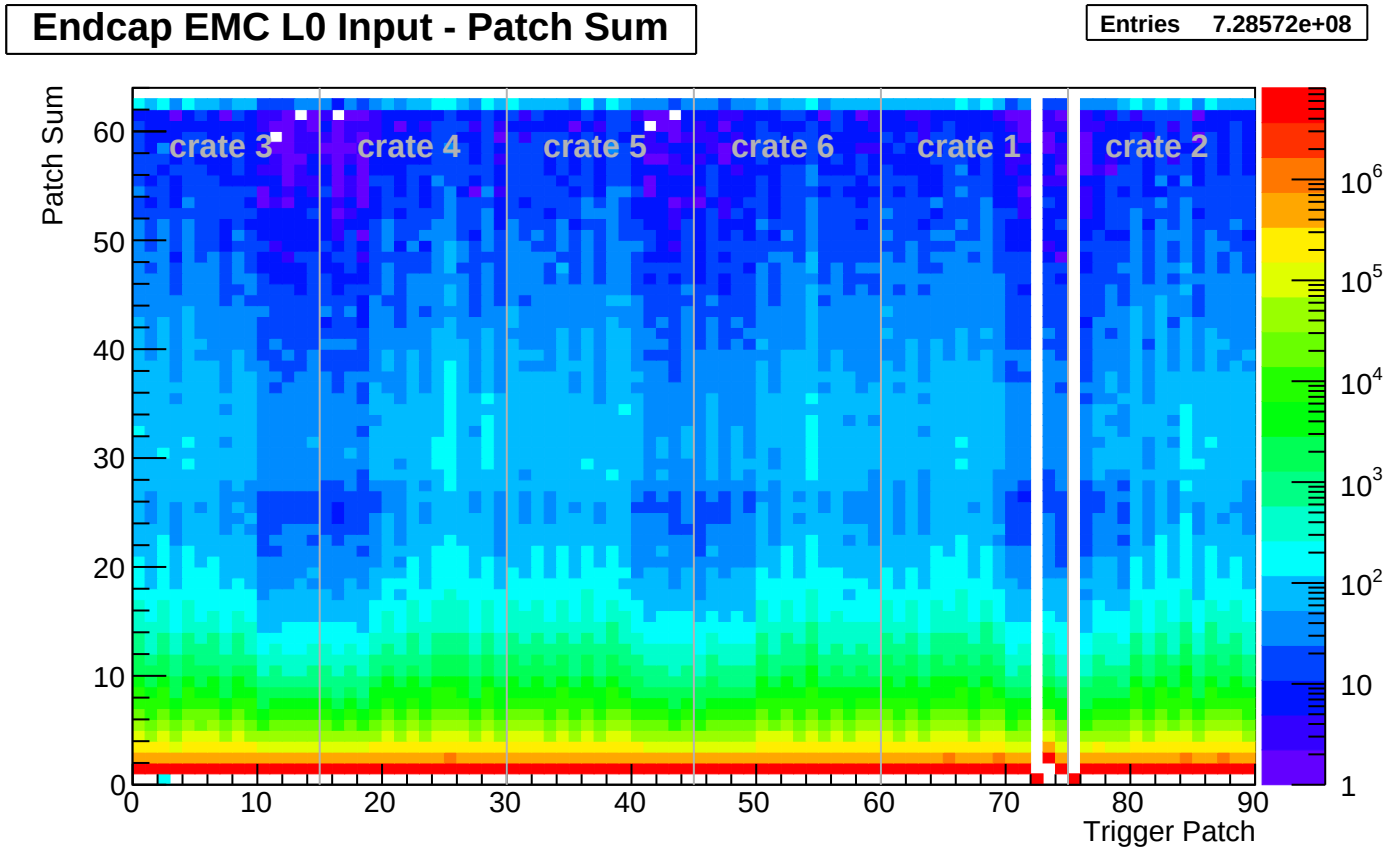
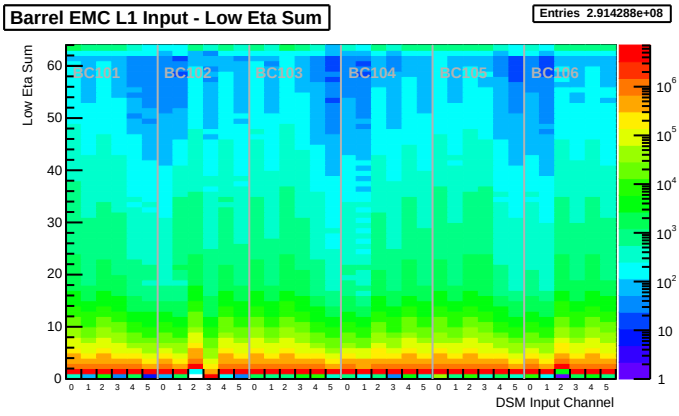
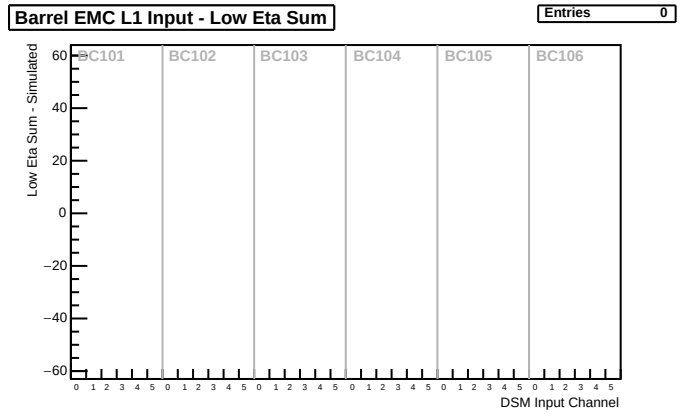

Barrel EMC L0 Input - High Tower
Entries 2.428573e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

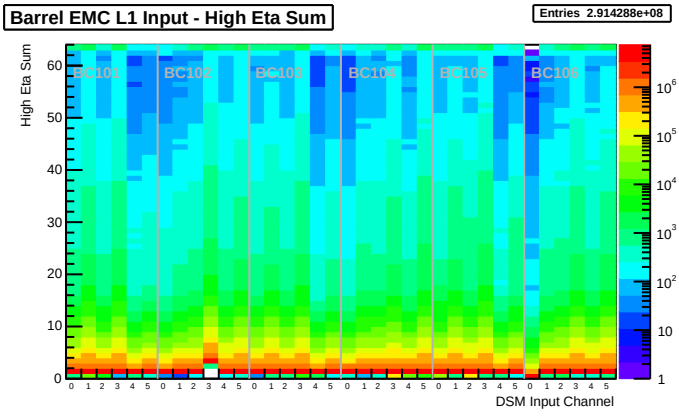

Barrel EMC L0 Input - Patch Sum
Entries 2.428573e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

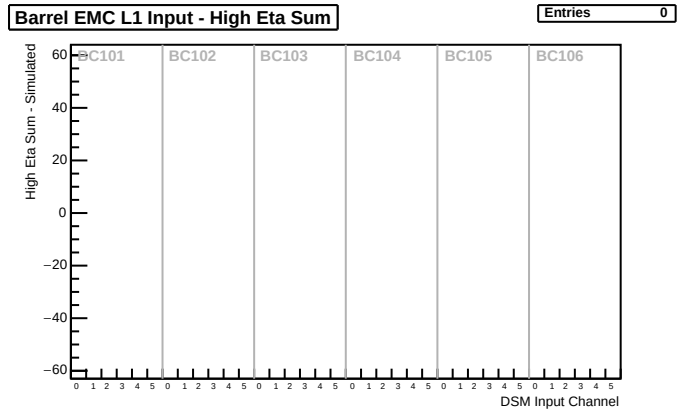

Endcap EMC L0 Input - High Tower
Entries 7.28572e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

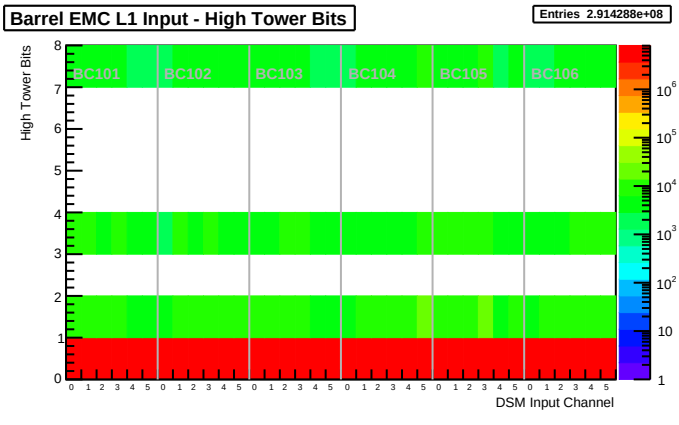

Endcap EMC L0 Input - Patch Sum
Entries 7.28572e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

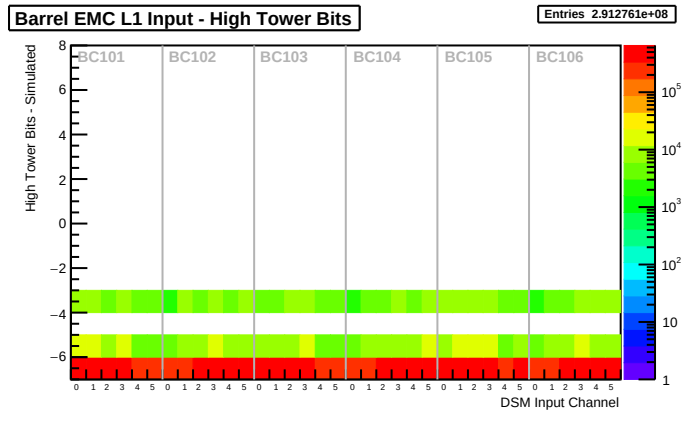

Barrel EMC L1 Input - Low Eta Sum
Entries 2.914288e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

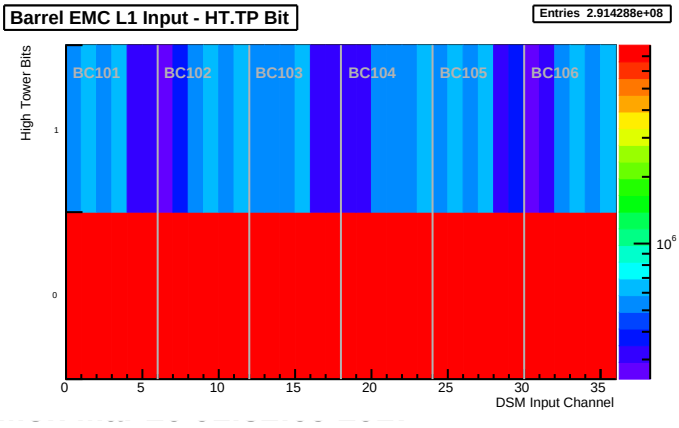

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

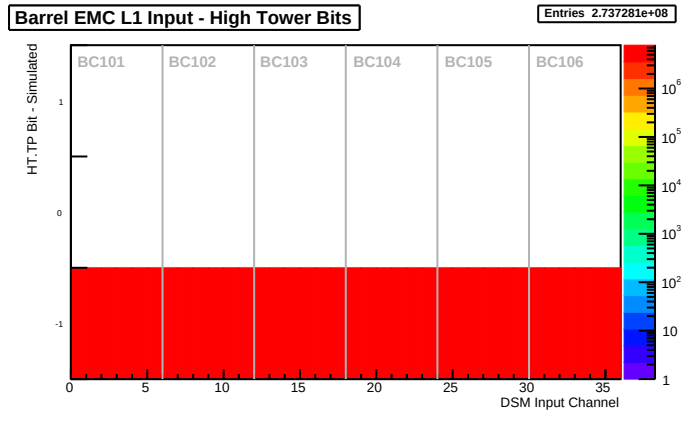

Barrel EMC L1 Input - High Eta Sum
Entries 2.914288e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

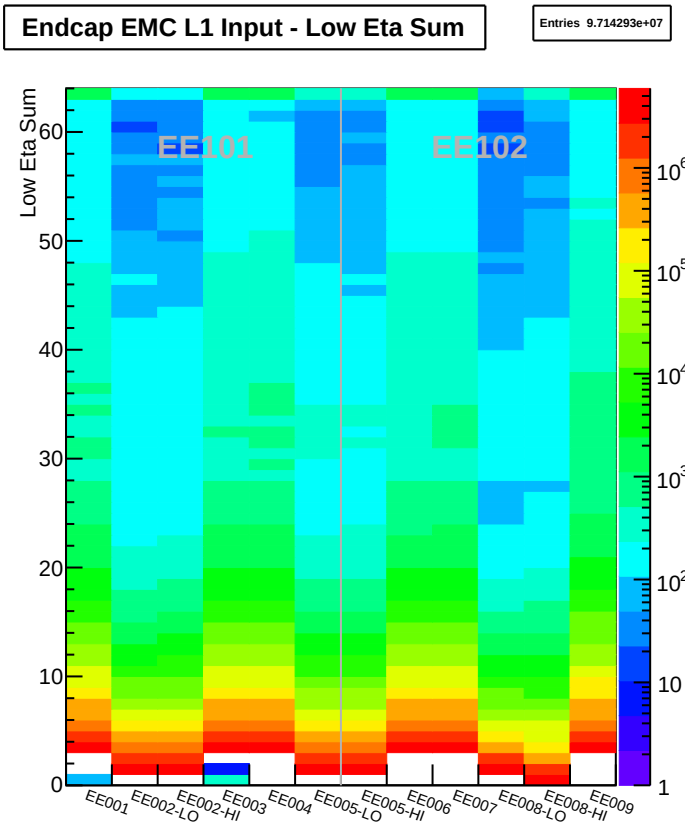

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

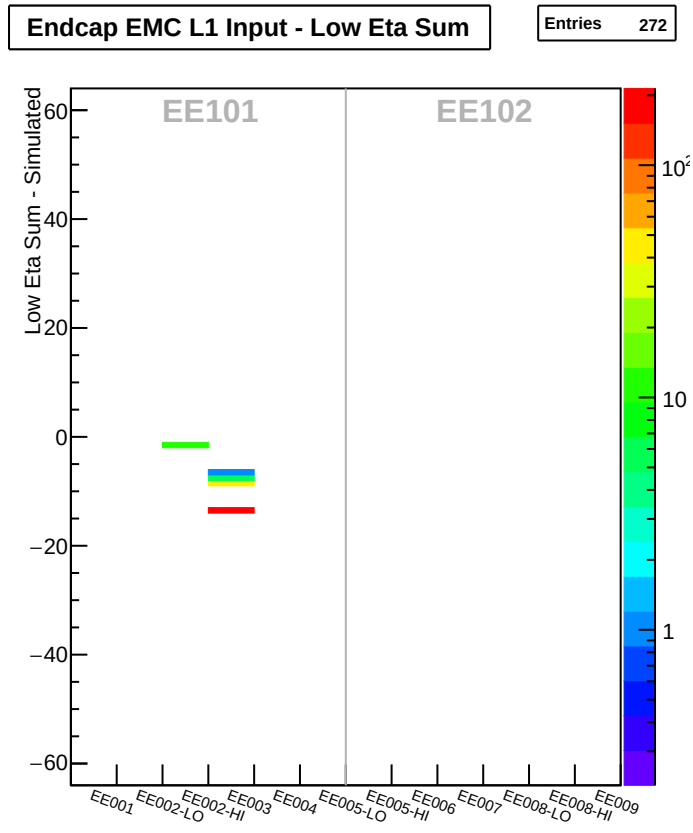

Barrel EMC L1 Input - High Tower Bits
Entries 2.914288e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

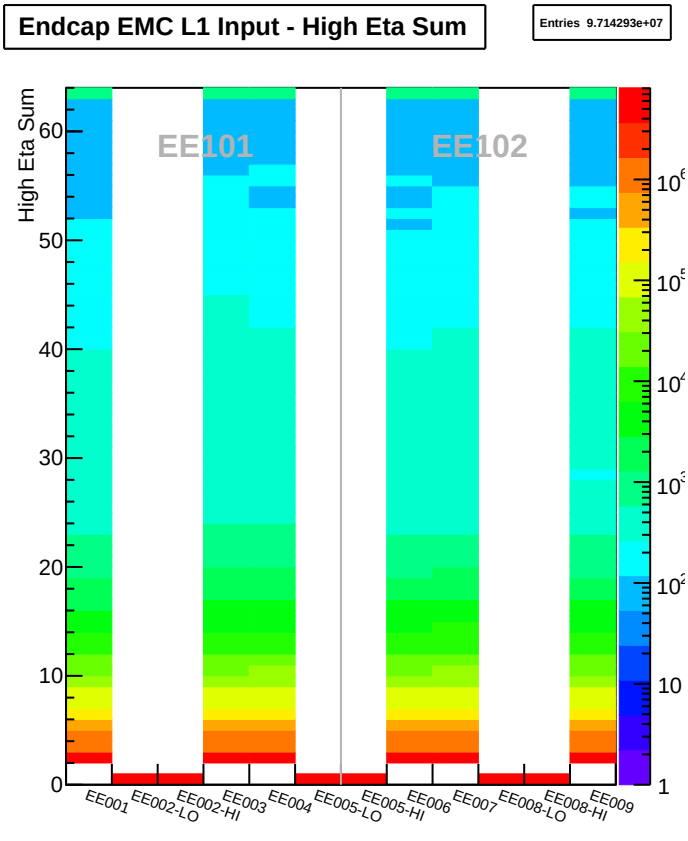

Barrel EMC L1 Input - High Tower Bits
Entries 2.912761e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

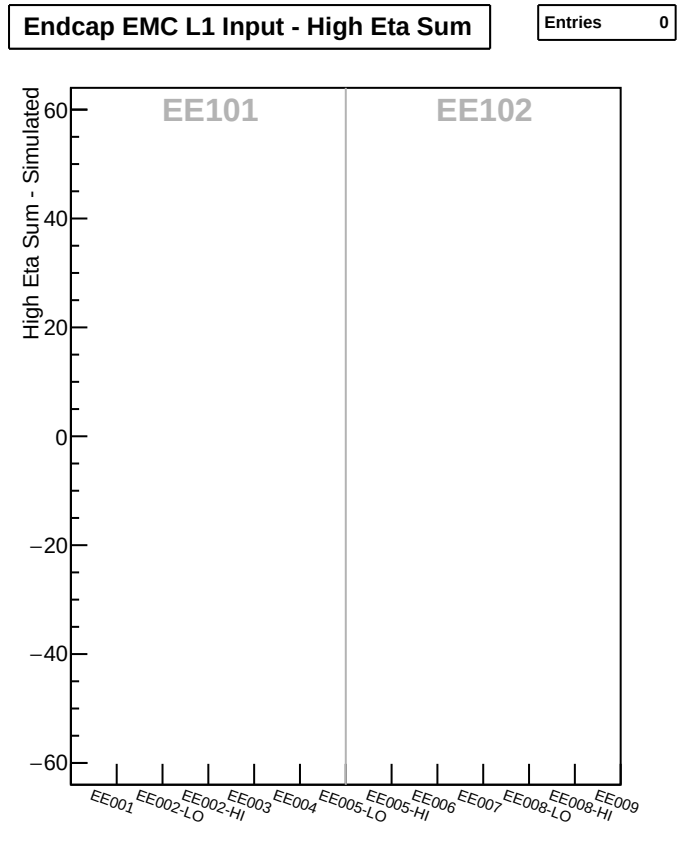

Barrel EMC L1 Input - HT.TP Bit
Entries 2.914288e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

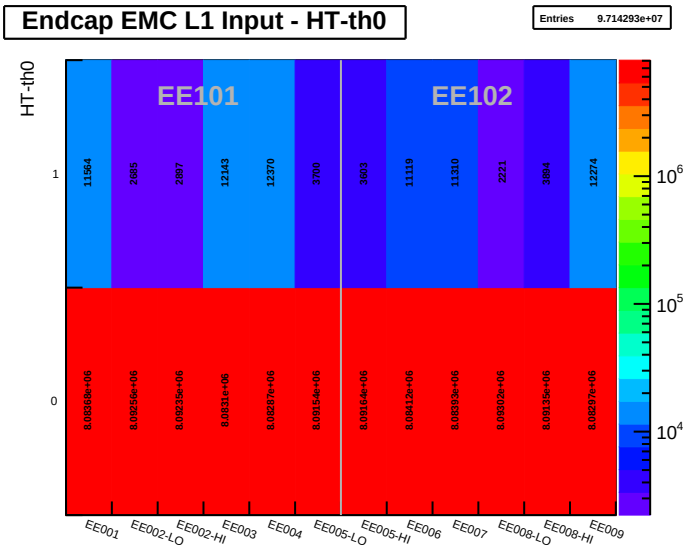

Barrel EMC L1 Input - High Tower Bits
Entries 2.737281e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

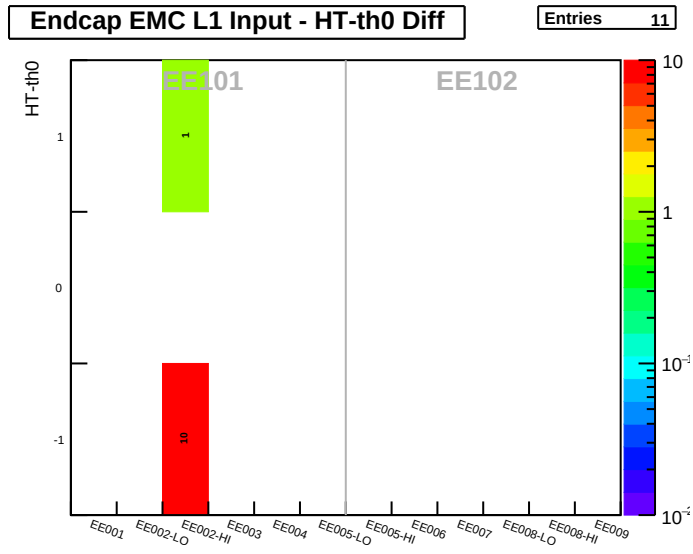

Endcap EMC L1 Input - Low Eta Sum
Entries 9.714293e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

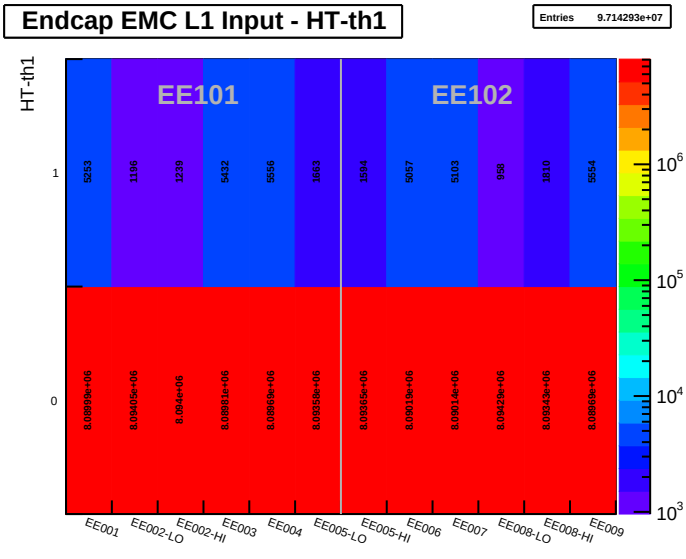

Endcap EMC L1 Input - Low Eta Sum
Entries 272
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

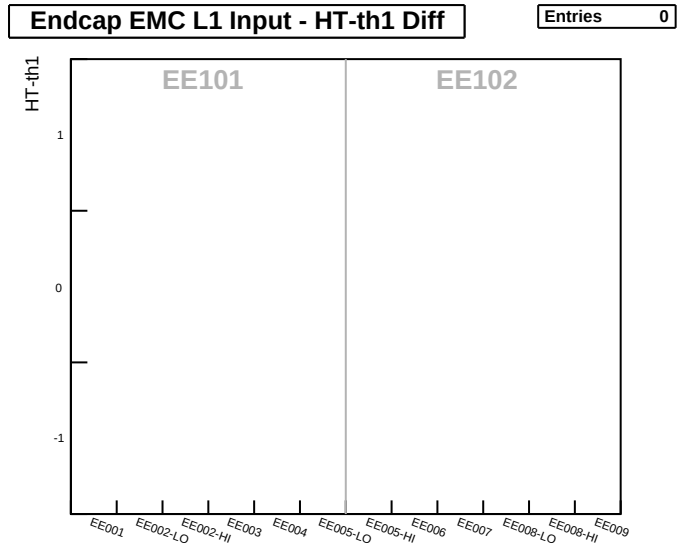

Endcap EMC L1 Input - High Eta Sum
Entries 9.714293e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

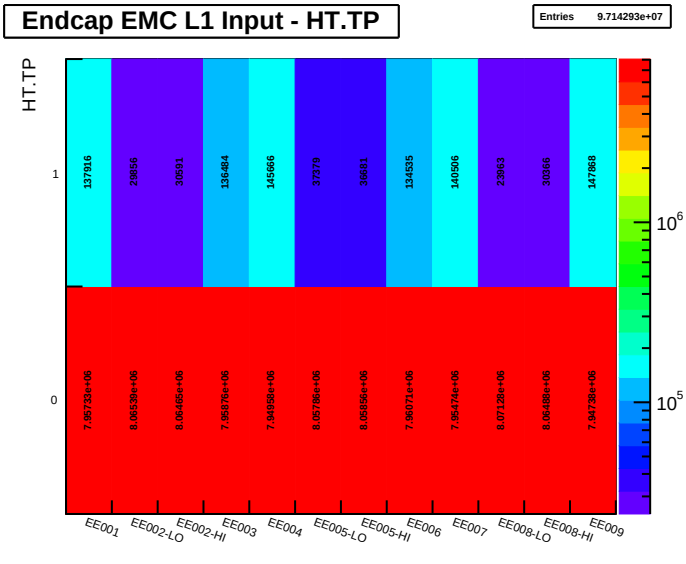

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

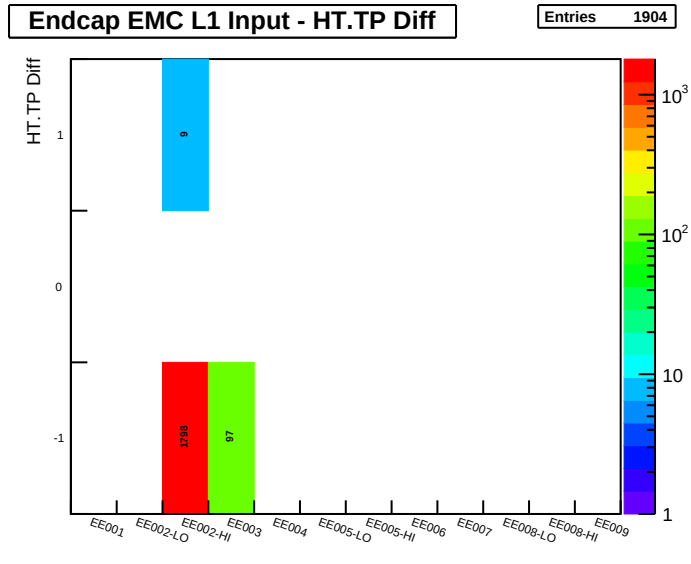

Endcap EMC L1 Input - HT-th0
Entries 9.714293e+07
HT-th0
EE101
EE102
1
0
11564 2685 2897 12143 12370 3700 3603 11119 1130 2221 3894 12274
8.03369e+06 8.09256e+06 8.09235e+06 8.0831e+06 8.03287e+06 8.09154e+06 8.09164e+06 8.08412e+06 8.03393e+06 8.03302e+06 8.09135e+06 8.03297e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

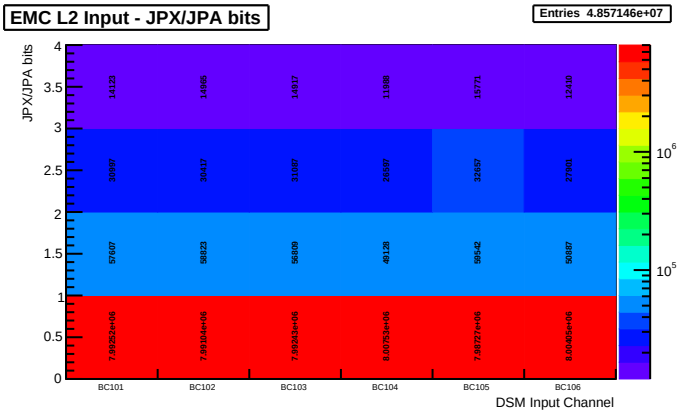

Endcap EMC L1 Input - HT-th0 Diff
Entries 11
HT-th0
EE101
EE102
1
0
-1
1
10
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

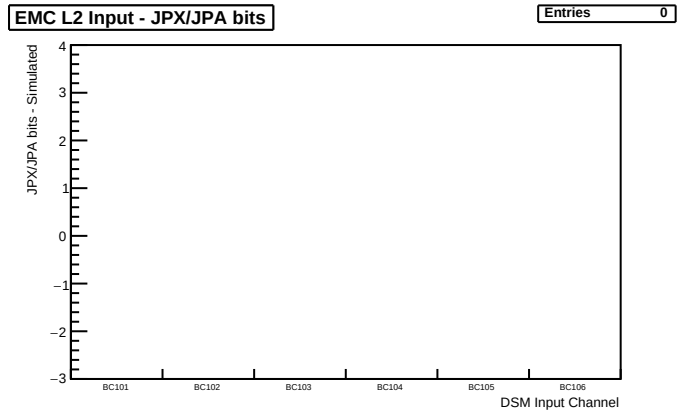

Endcap EMC L1 Input - HT-th1
Entries 9.714293e+07
HT-th1
EE101
EE102
1
0
5253 1196 1239 5432 5556 1663 1594 5057 5103 969 1810 5554
8.08999e+06 8.09405e+06 8.094e+06 8.08931e+06 8.08969e+06 8.09359e+06 8.09365e+06 8.09019e+06 8.09014e+06 8.09429e+06 8.09343e+06 8.08969e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

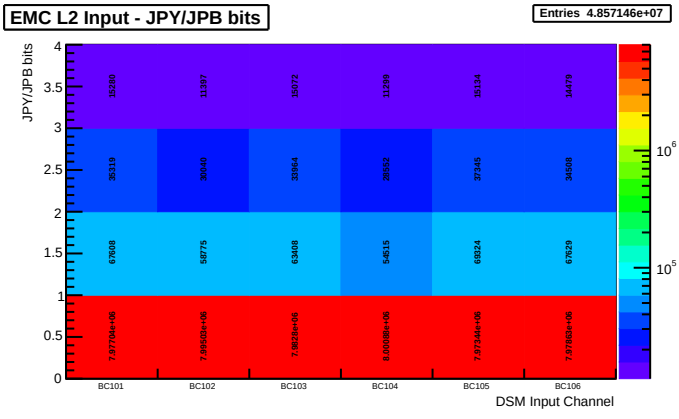

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

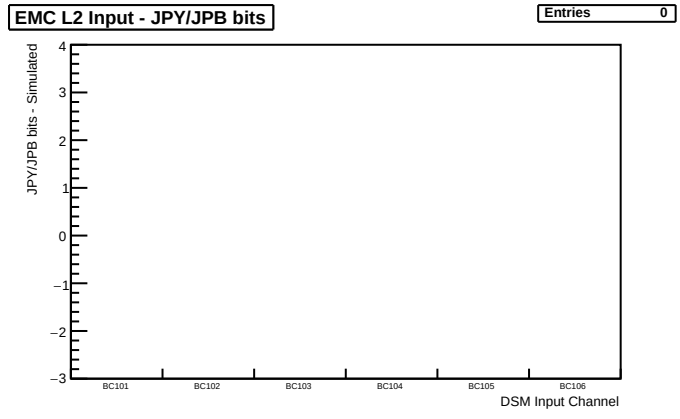

Endcap EMC L1 Input - HT.TP
Entries 9.714293e+07
HT.TP
1
0
137916 29856 30591 136484 145666 37379 36681 134535 140506 23863 30366 147868
7.95732e+06 8.06539e+06 8.06465e+06 7.95876e+06 7.94958e+06 8.05786e+06 8.05856e+06 7.96071e+06 7.95474e+06 8.07128e+06 8.06488e+06 7.94738e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

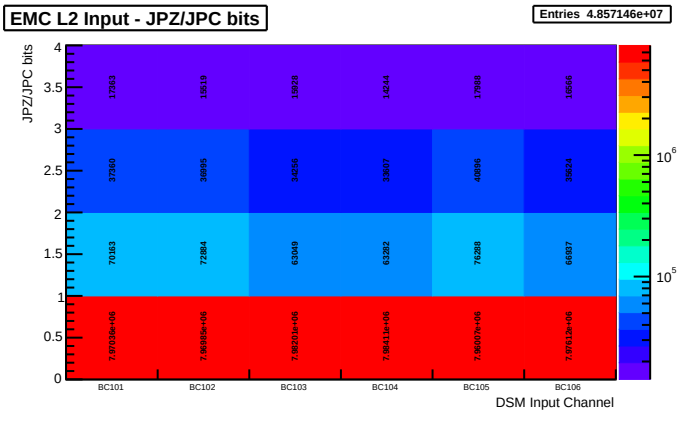

Endcap EMC L1 Input - HT.TP Diff
Entries 1904
HT.TP Diff
1
0
-1
9
1798
97
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

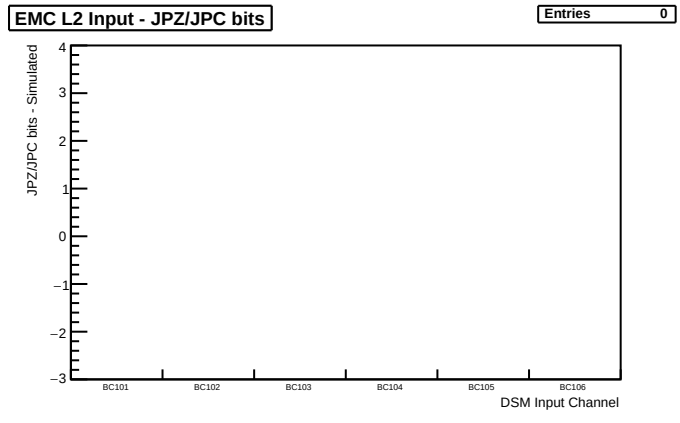

EMC L2 Input - JPX/JPA bits
Entries 4.857146e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14123
14965
14917
11988
15771
12410
30897
30417
31087
26597
32657
27901
57607
58823
56809
49128
59542
50987
7.99252e+06
7.99104e+06
7.99243e+06
8.00753e+06
7.99727e+06
8.00405e+06

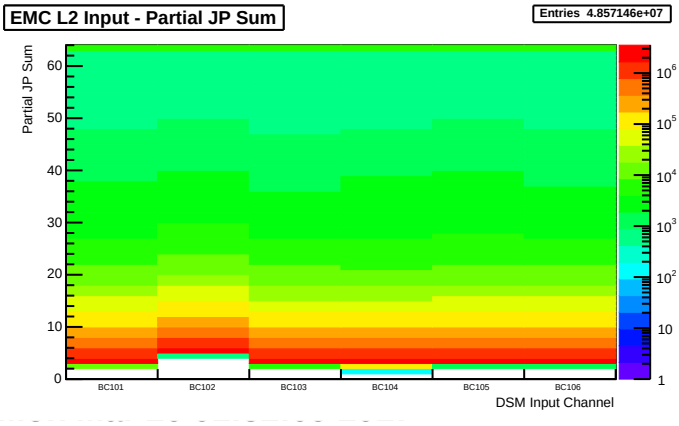

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

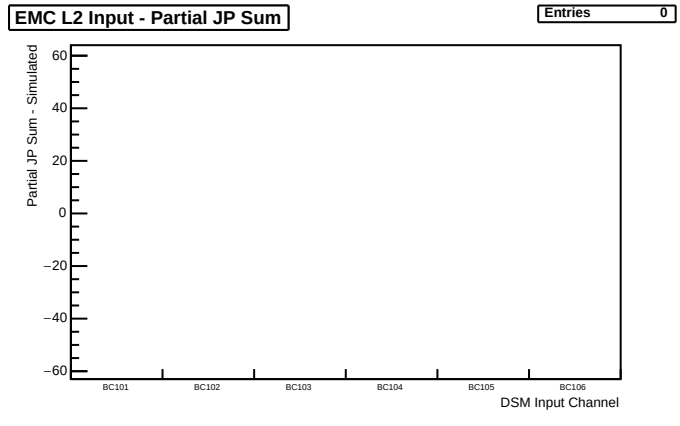

EMC L2 Input - JPY/JPB bits
Entries 4.857146e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15280
11397
15072
11299
15134
14479
35319
30040
33964
28552
37345
34598
67608
58775
63408
54515
68324
67629
7.97704e+06
7.99509e+06
7.9928e+06
8.00108e+06
7.97344e+06
7.97863e+06

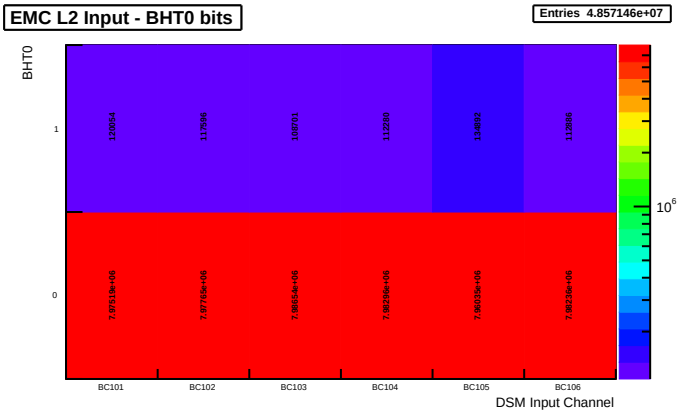

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

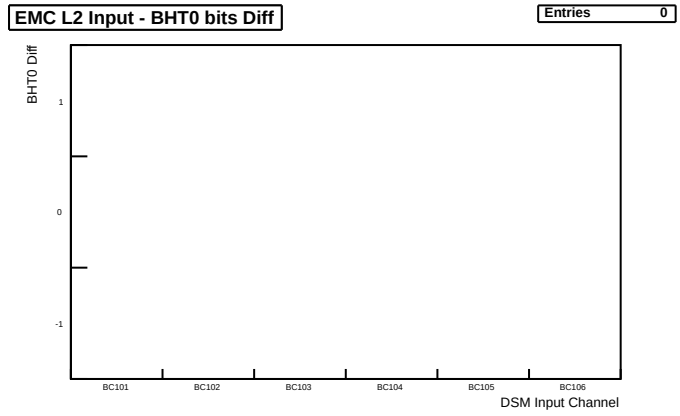

EMC L2 Input - JPZ/JPC bits
Entries 4.857146e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
17533
15519
15928
14044
17988
15666
37340
38895
34256
33807
40986
35624
70183
72984
63949
63282
76288
66937
7.97035e+06
7.96985e+06
7.98201e+06
7.98411e+06
7.96007e+06
7.97612e+06

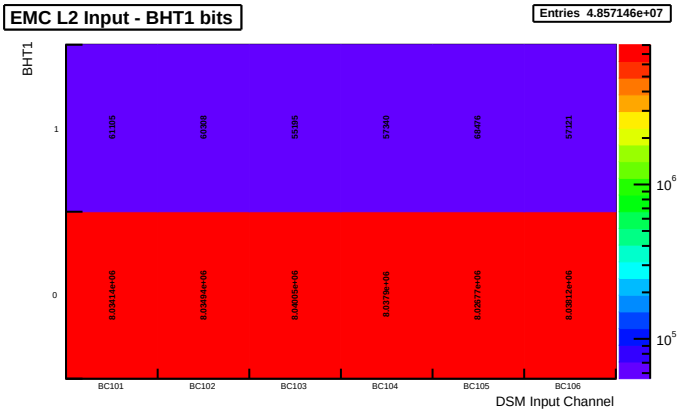

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

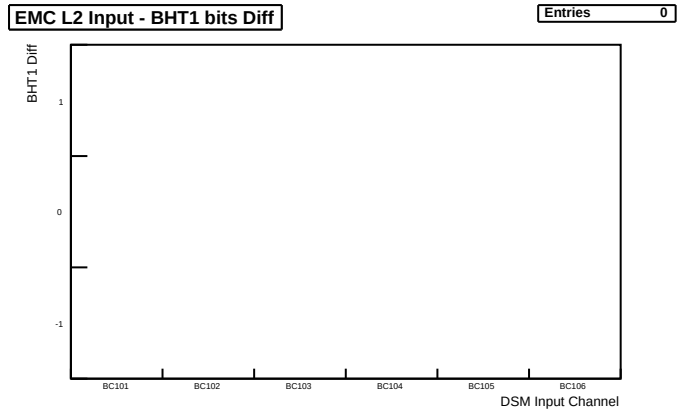

EMC L2 Input - Partial JP Sum
Entries 4.857146e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

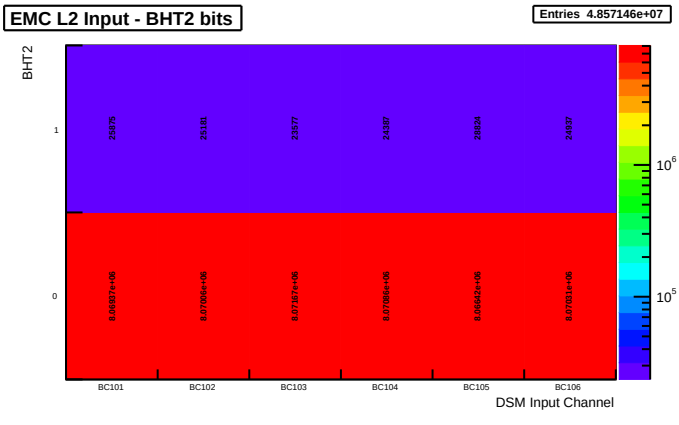

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

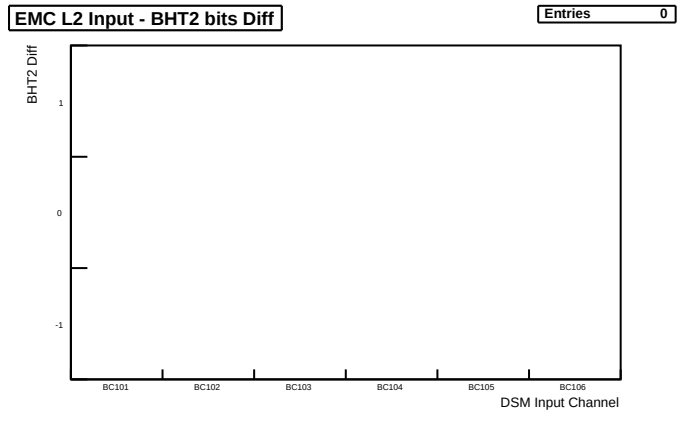

EMC L2 Input - BHT0 bits
Entries 4.857146e+07
BHT0
1
0
120054
117596
108701
112230
134892
112886
7.97519e+06
7.97765e+06
7.98654e+06
7.98298e+06
7.96035e+06
7.98238e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

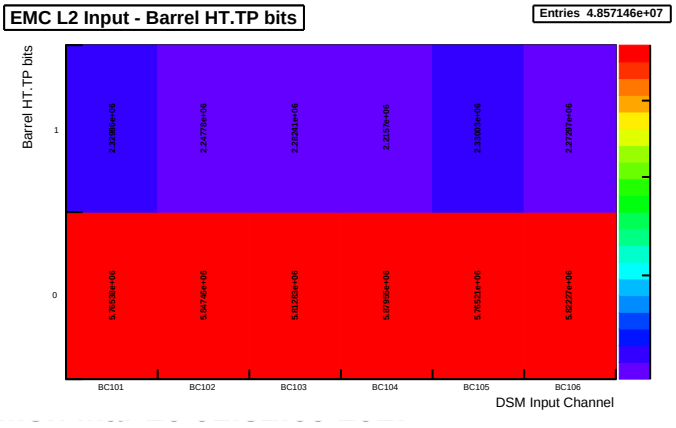

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

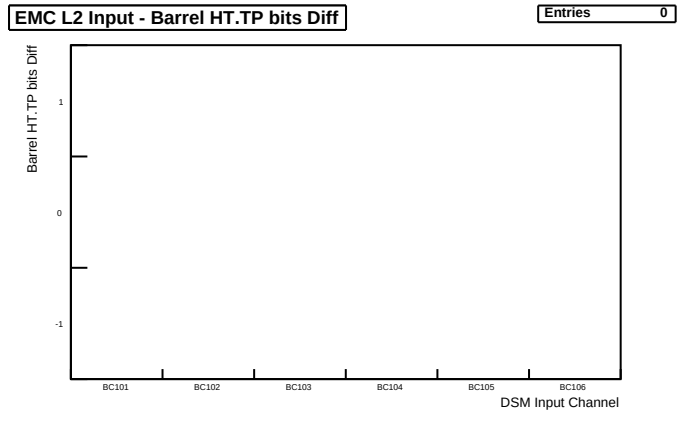

EMC L2 Input - BHT1 bits
Entries 4.857146e+07
BHT1
1
0
61105
60308
55195
57340
68476
57121
8.03114e+06
8.03494e+06
8.04095e+06
8.03379e+06
8.02677e+06
8.03812e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

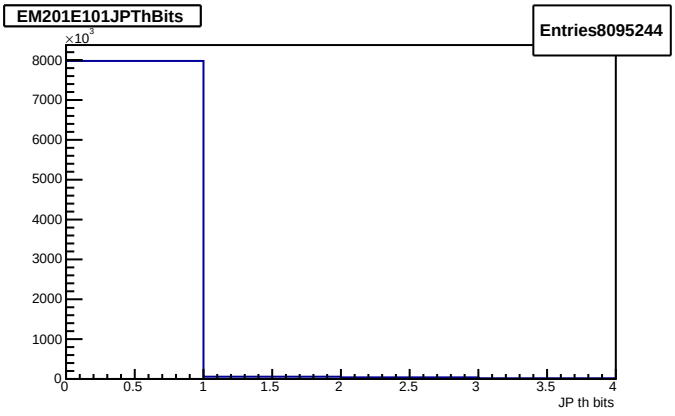

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

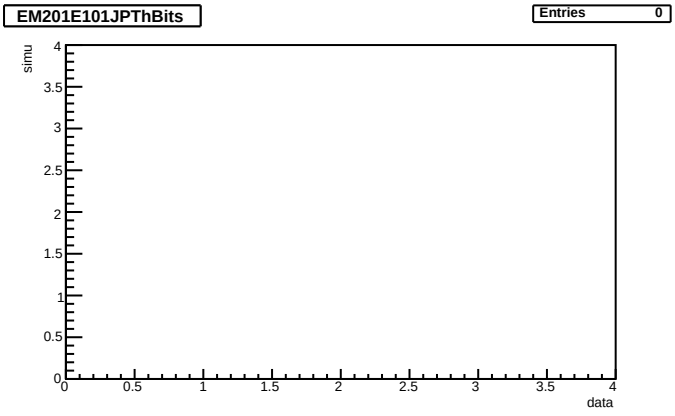

EMC L2 Input - BHT2 bits
Entries 4.857146e+07
BHT2
1
0
25375
25181
23577
24537
28324
24537
8.06937e+06
8.07056e+06
8.07167e+06
8.07086e+06
8.06642e+06
8.07031e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

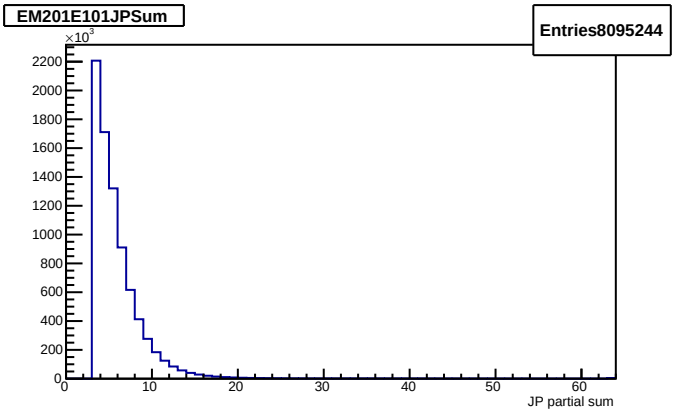

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

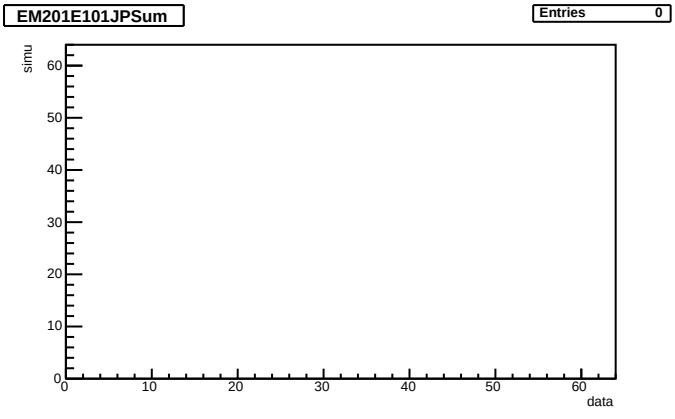

EMC L2 Input - Barrel HT.TP bits
Entries 4.857146e+07
Barrel HT.TP bits
1
0
2.23486e+06
2.24779e+06
2.28401e+06
2.2157e+06
2.33033e+06
2.27297e+06
5.76538e+06
5.84749e+06
5.81283e+06
5.97955e+06
5.76521e+06
5.82222e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

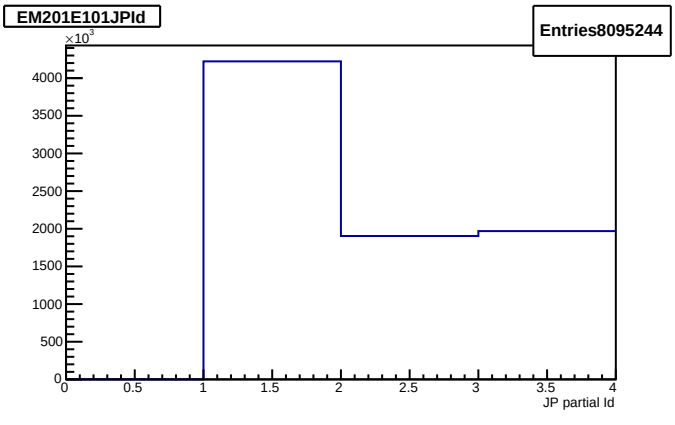

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

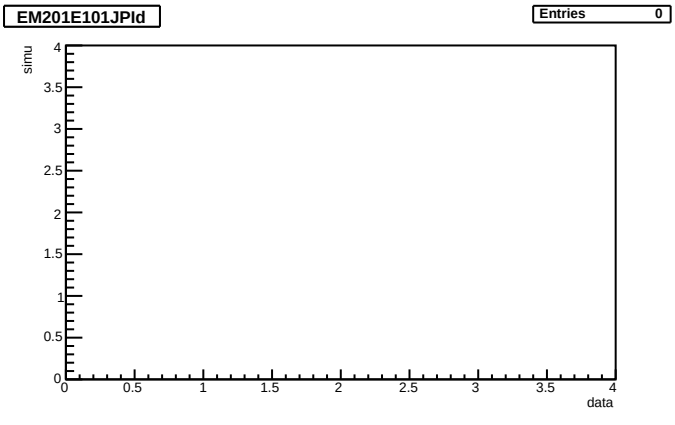

EM201E101JPThBits
Entries8095244
JP th bits

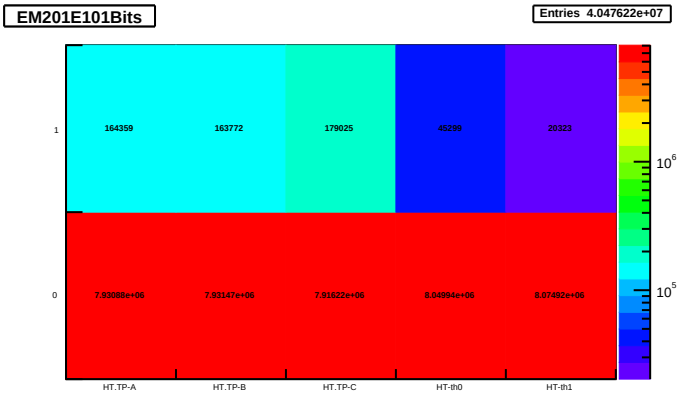

EM201E101JPThBits
Entries 0
simu
data

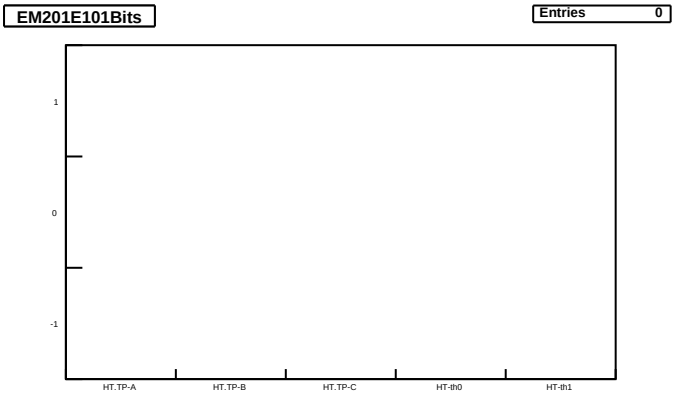

EM201E101JPSum
Entries8095244
JP partial sum

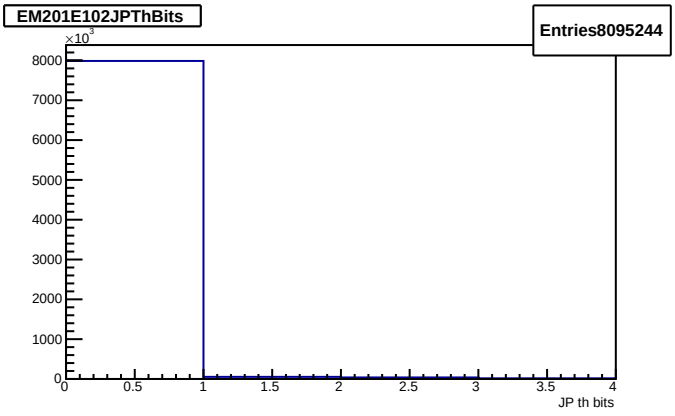

EM201E101JPSum
Entries 0
simu
data

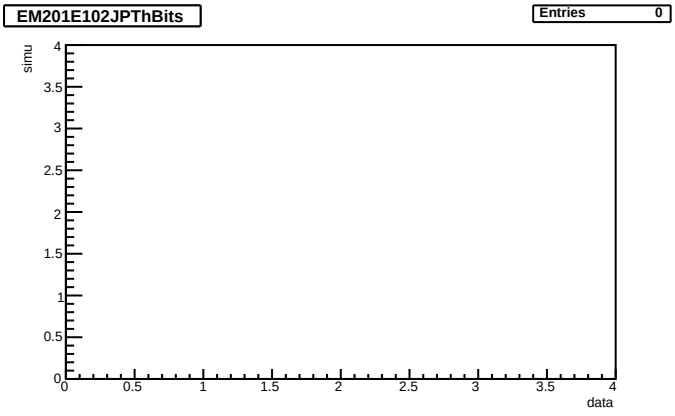

EM201E101JPId
Entries8095244
JP partial Id

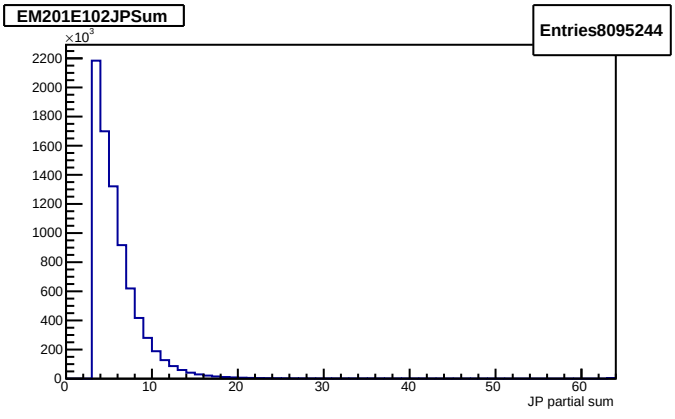

EM201E101JPId
Entries 0
simu
data

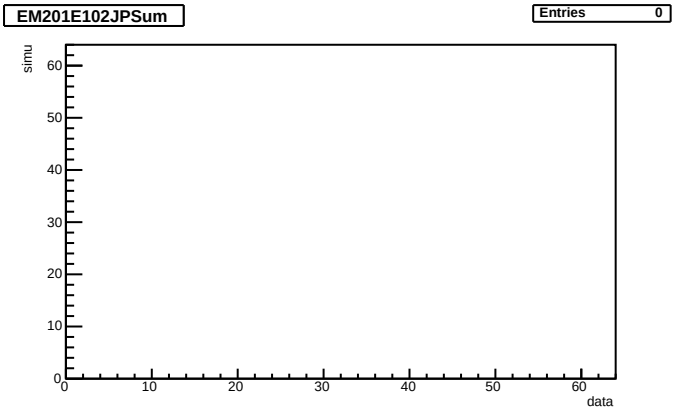

EM201E101Bits
Entries 4.047622e+07
164359
163772
179025
45299
20323
7.93088e+06
7.93147e+06
7.91622e+06
8.04994e+06
8.07492e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

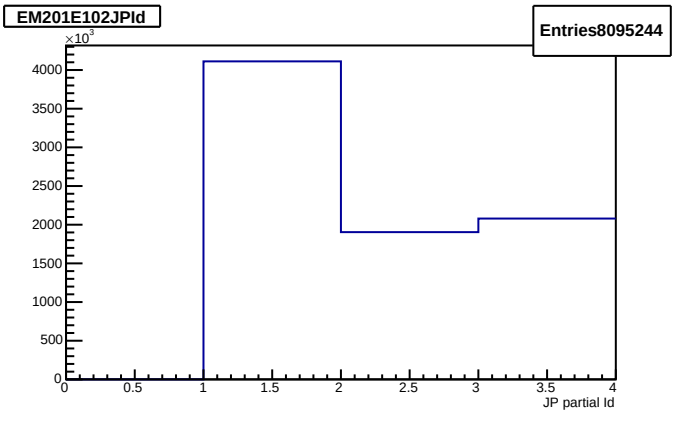

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

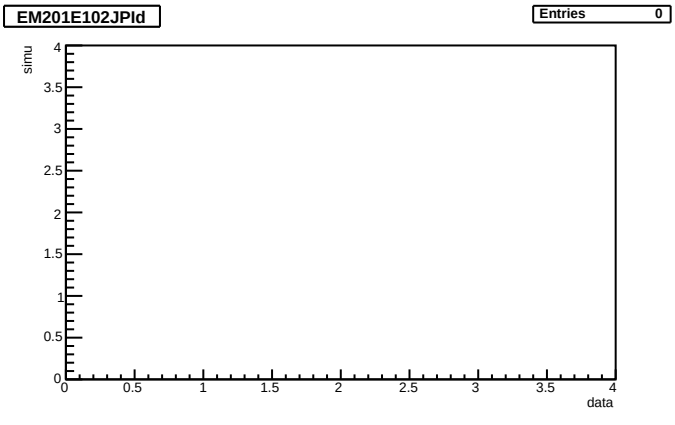

EM201E102JPThBits
Entries8095244
JP th bits

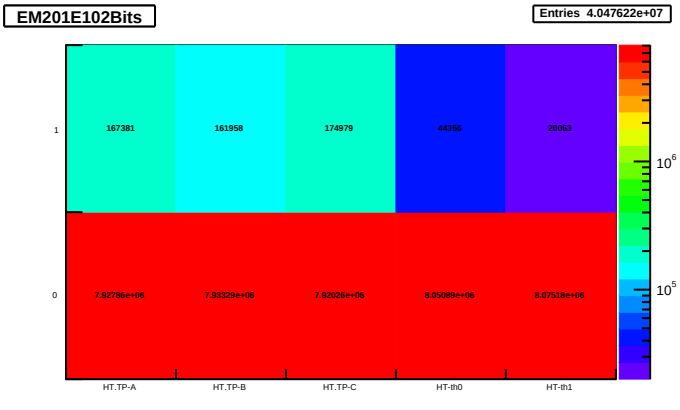

EM201E102JPThBits
Entries 0
simu
data

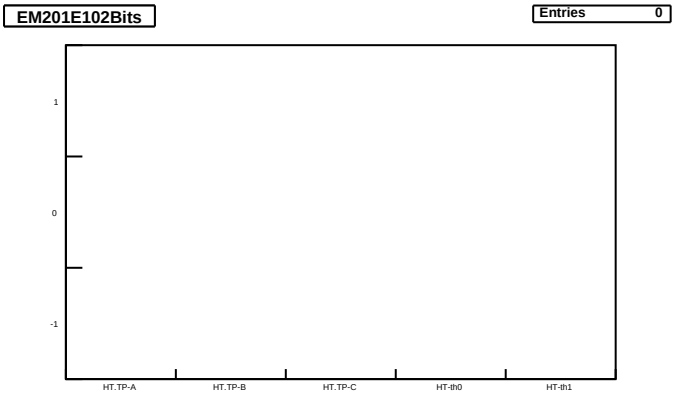

EM201E102JPSum
Entries8095244
JP partial sum

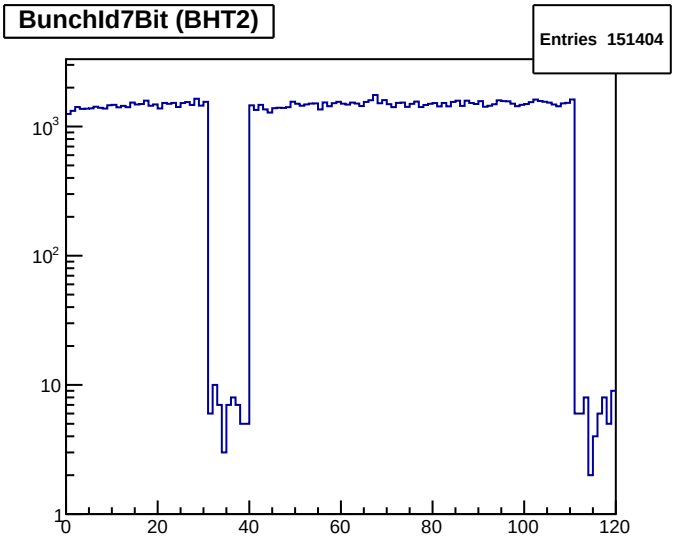

EM201E102JPSum
Entries 0
simu
data

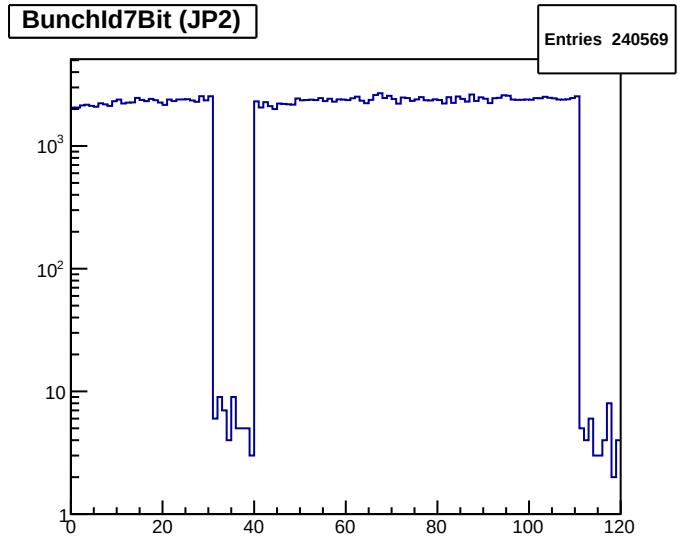

EM201E102JPId
Entries8095244
JP partial Id

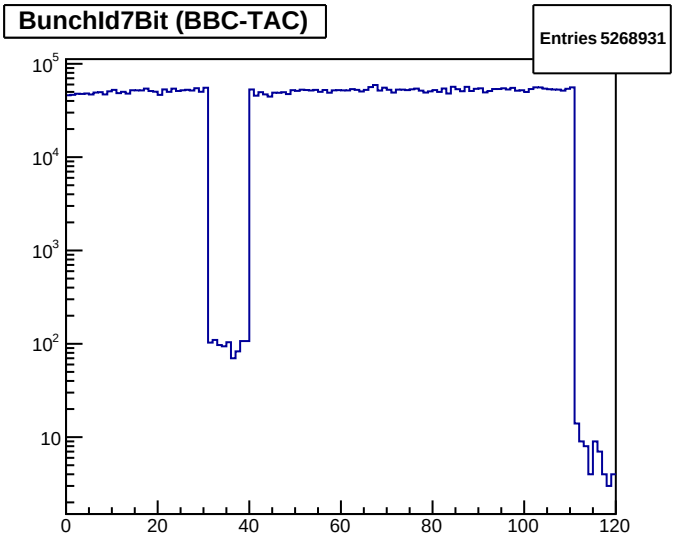

EM201E102JPId
Entries 0
simu
data

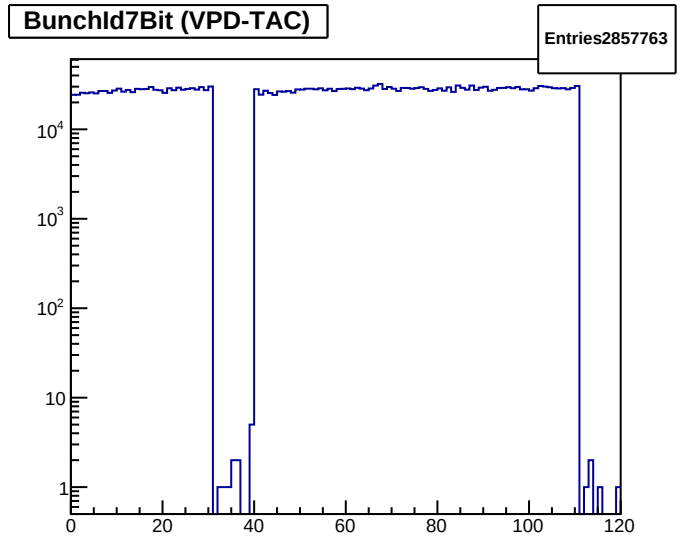

EM201E102Bits
Entries 4.047622e+07
167381
161958
174979
44356
20063
7.92786e+06
7.93329e+06
7.92026e+06
8.05089e+06
8.07518e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

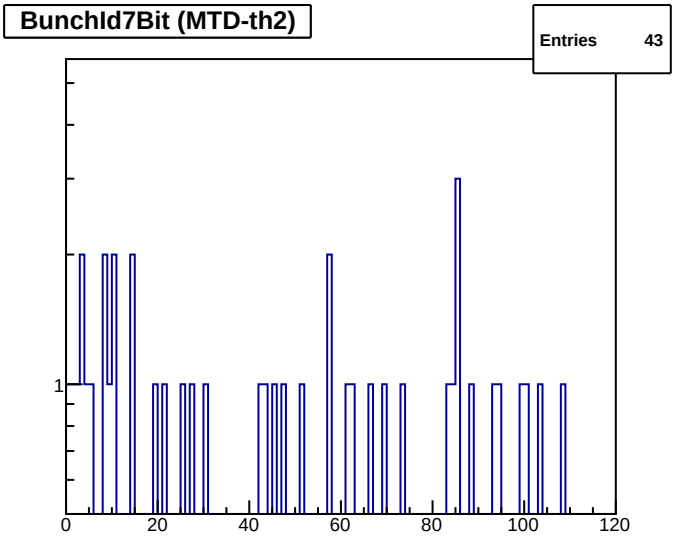

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

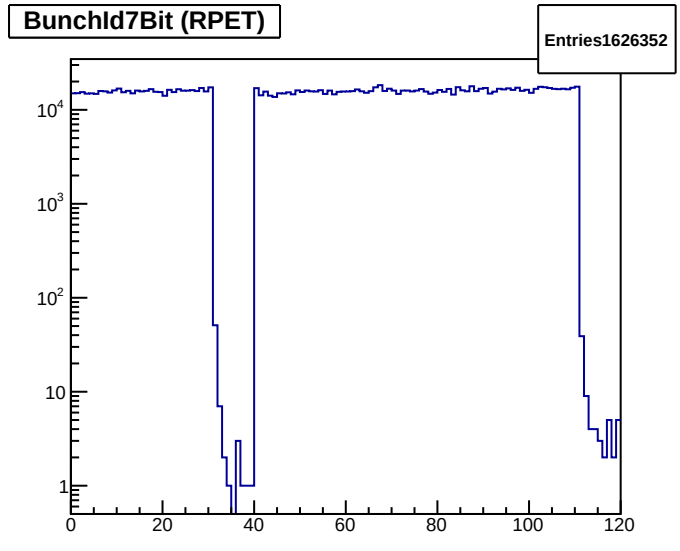

BunchId7Bit (BHT2)
Entries 151404

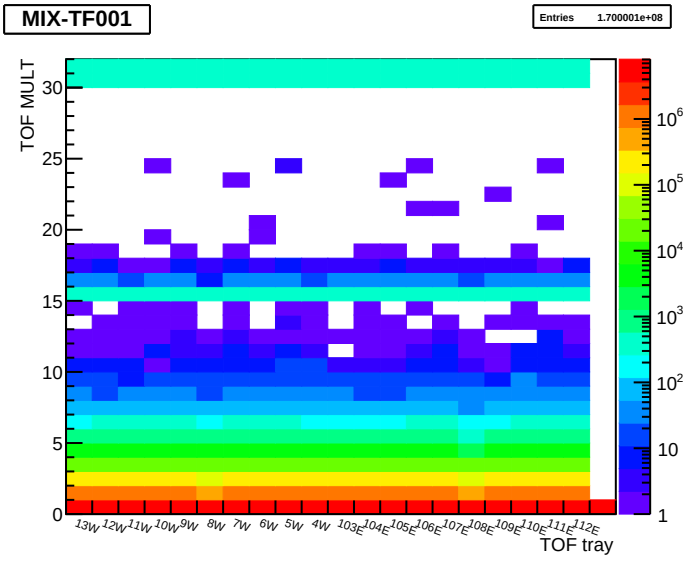

BunchId7Bit (JP2)
Entries 240569

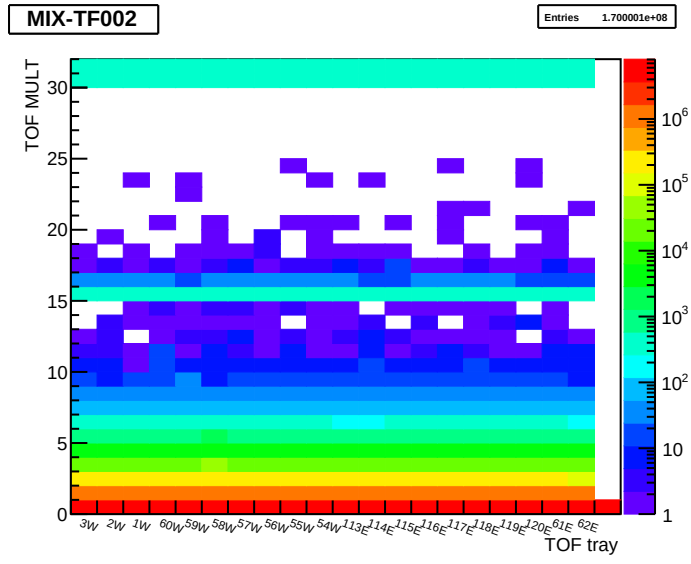

BunchId7Bit (BBC-TAC)
Entries 5268931

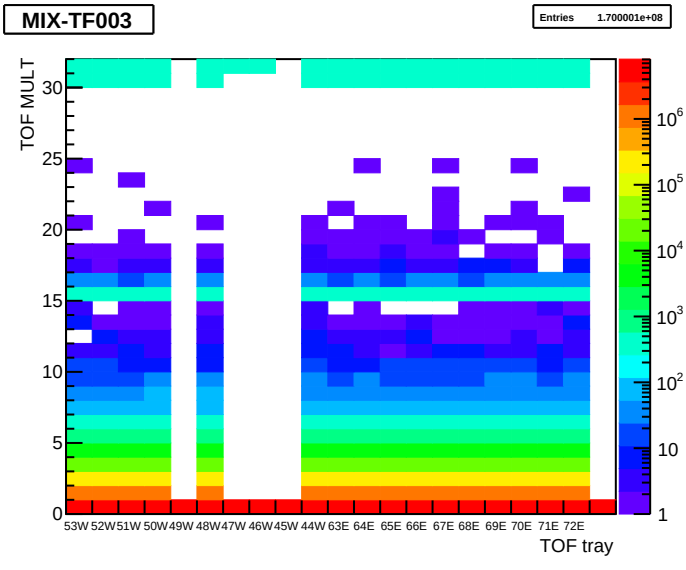

BunchId7Bit (VPD-TAC)
Entries2857763

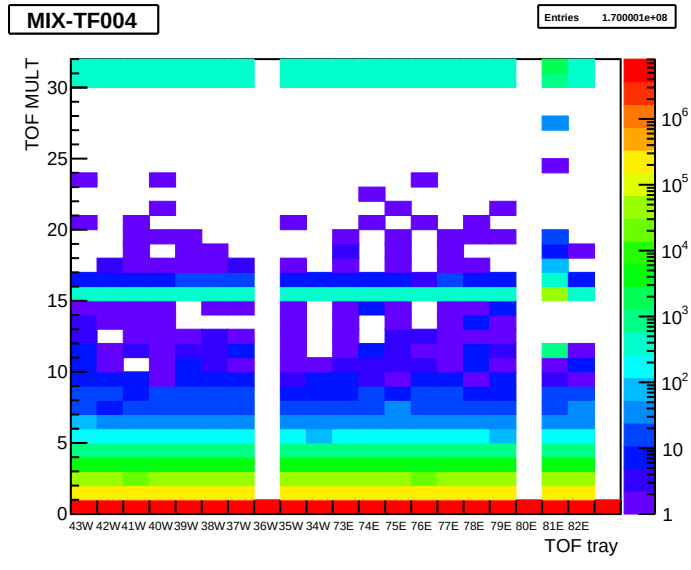

BunchId7Bit (MTD-th2)
Entries 43

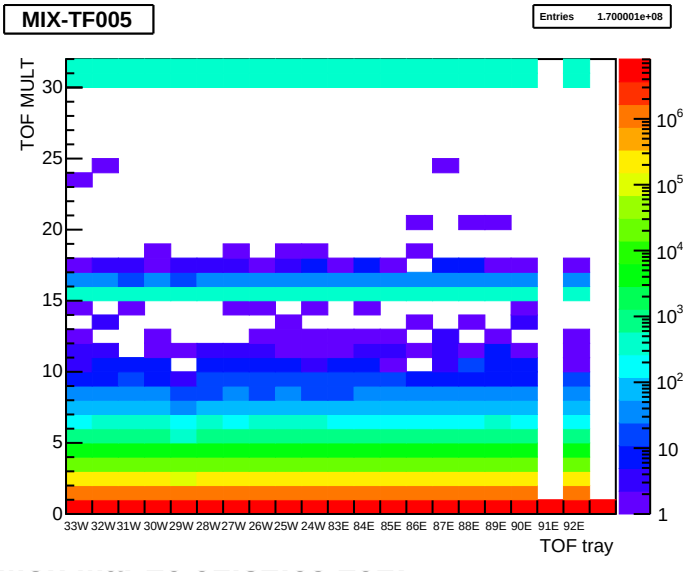

BunchId7Bit (RPET)
Entries1626352

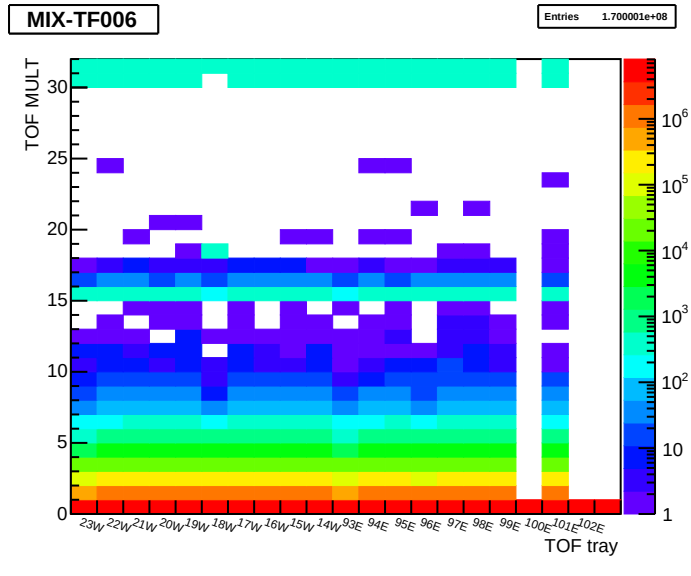

MIX-TF001
Entries 1.700001e+08
TOF MULT
TOF tray

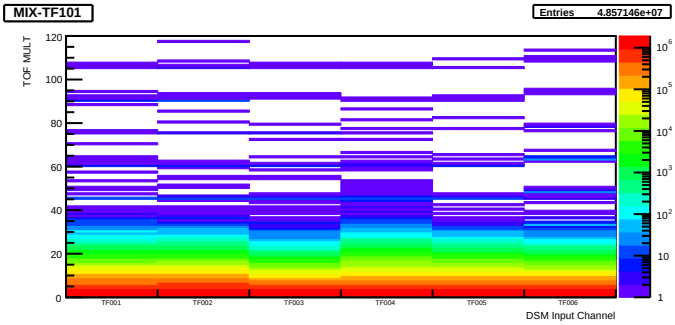

MIX-TF002
Entries 1.700001e+08
TOF MULT
TOF tray

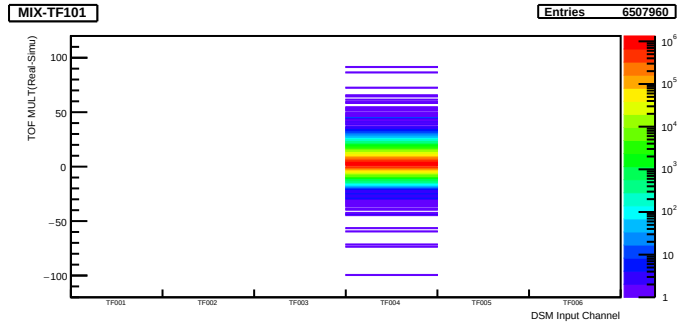

MIX-TF003
Entries 1.700001e+08
TOF MULT
TOF tray

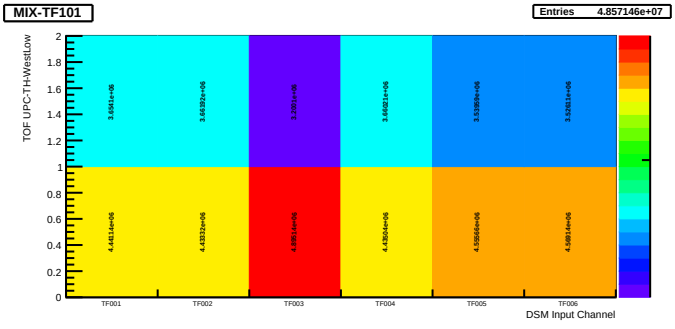

MIX-TF004
Entries 1.700001e+08
TOF MULT
TOF tray

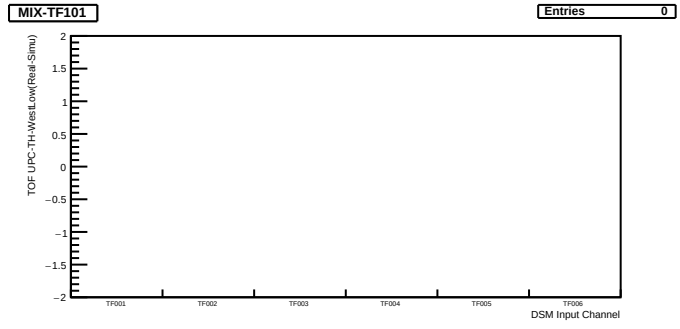

MIX-TF005
Entries 1.700001e+08
TOF MULT
TOF tray

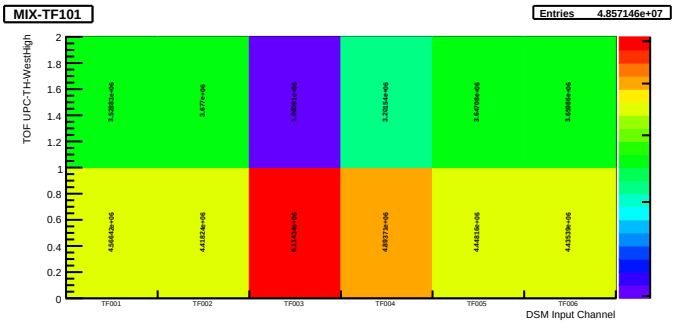

MIX-TF006
Entries 1.700001e+08
TOF MULT
TOF tray

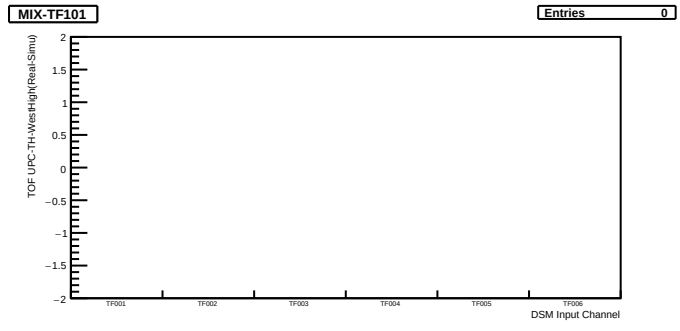

MIX-TF101
Entries 4.857146e+07
TOF MULT
DSM Input Channel

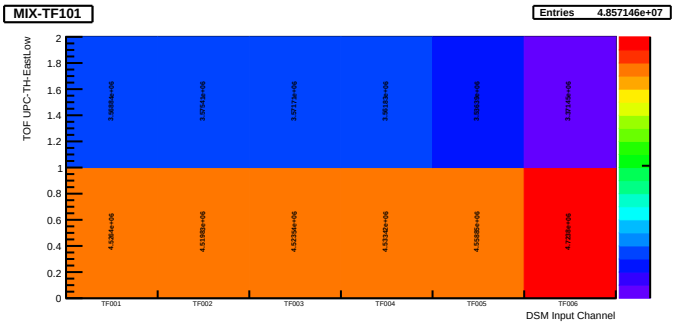

MIX-TF101
Entries 6507960
TOF MULT(Real-Simu)
DSM Input Channel

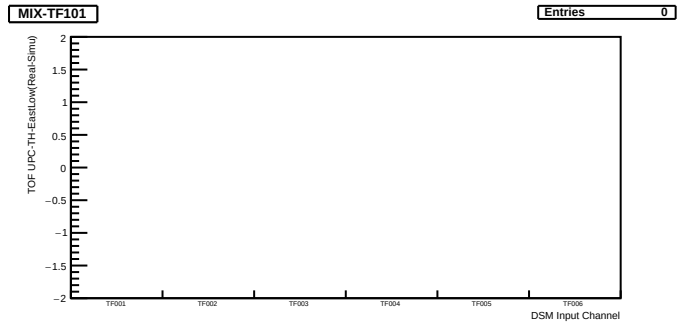

MIX-TF101
Entries 4.857146e+07
TOF UPC-TH-WestLow
DSM Input Channel

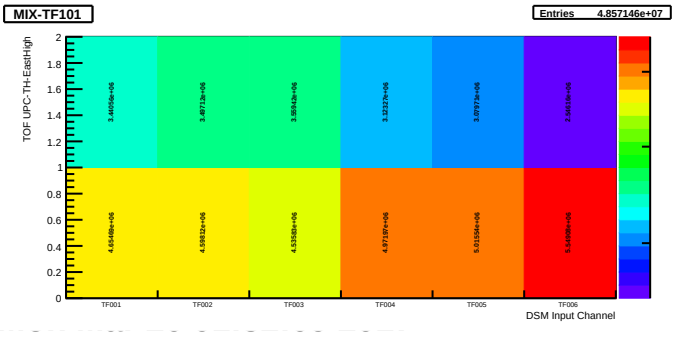

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

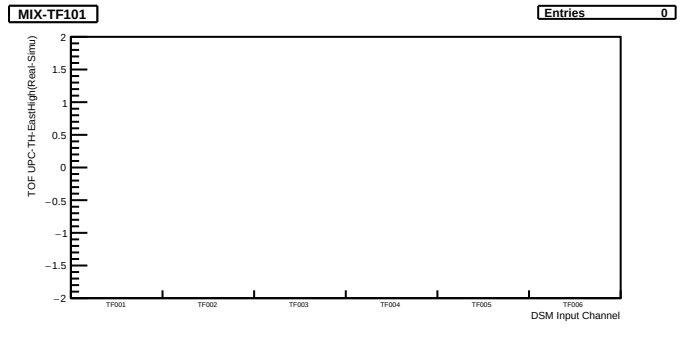

MIX-TF101
Entries 4.857146e+07
TOF UPC-TH-WestHigh
DSM Input Channel

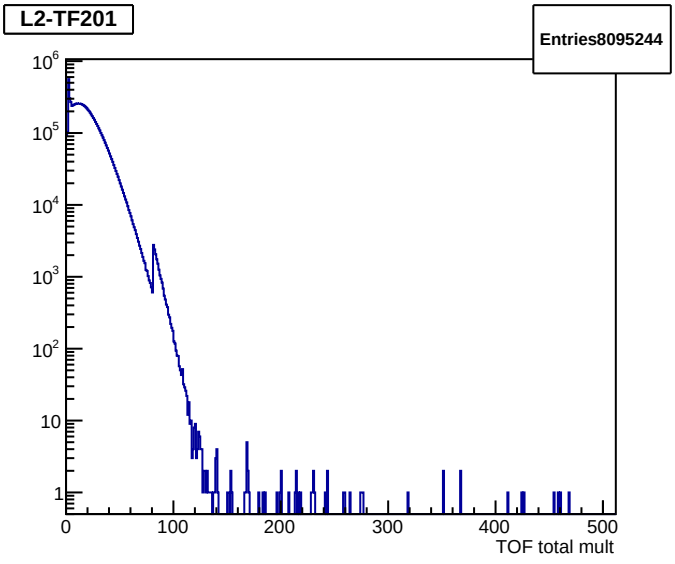

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

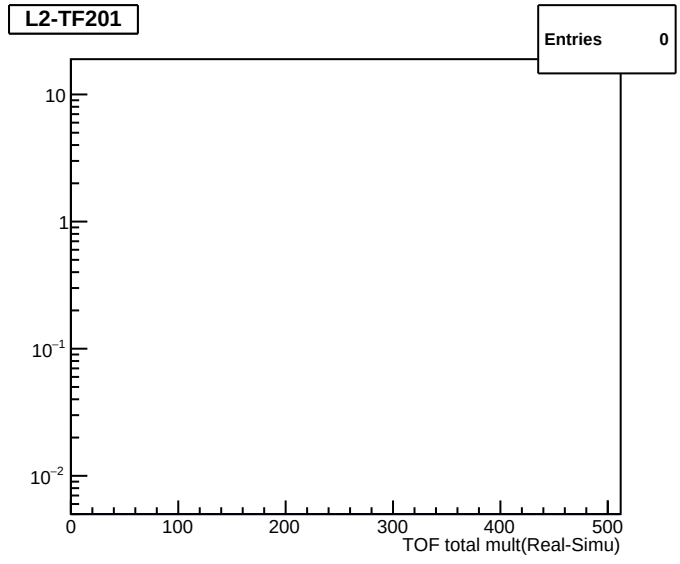

MIX-TF101
Entries 4.857146e+07
TOF UPC-TH-EastLow
DSM Input Channel

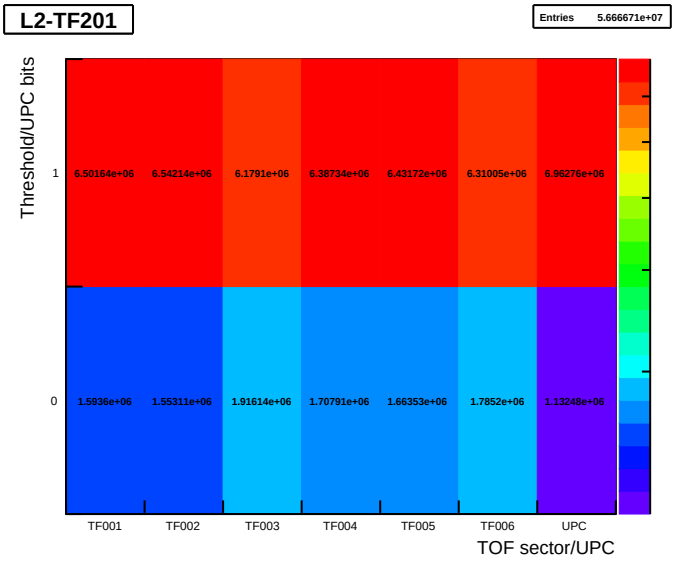

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

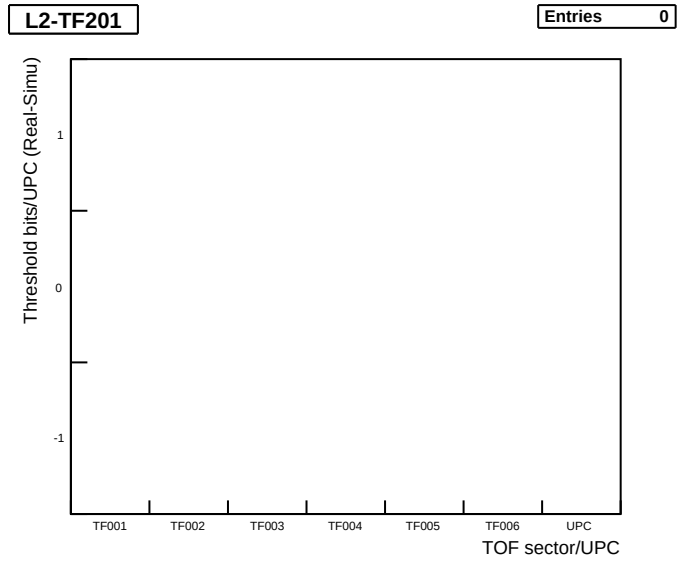

MIX-TF101
Entries 4.857146e+07
TOF UPC-TH-EastHigh
DSM Input Channel

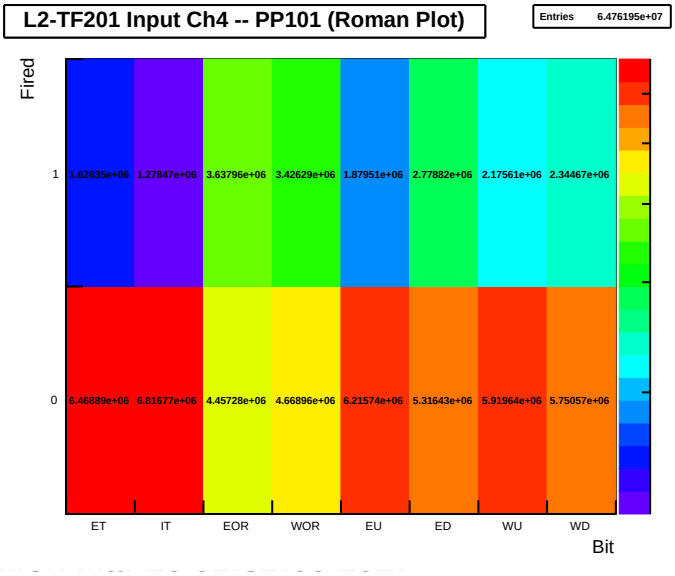

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

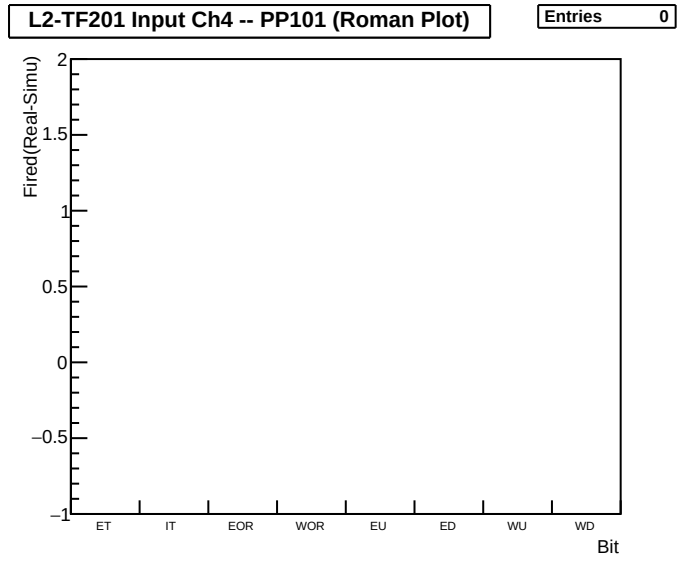

L2-TF201
Entries8095244
TOF total mult

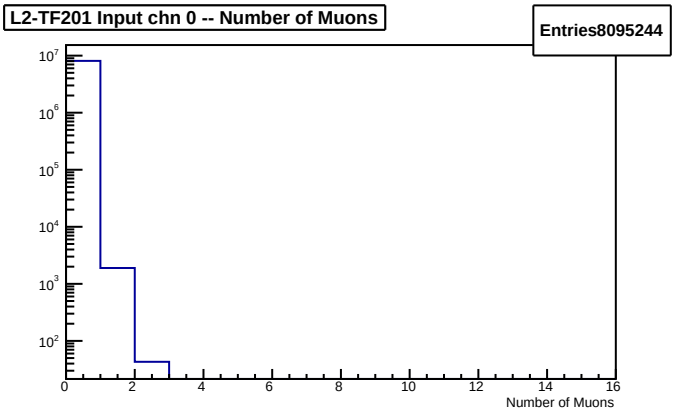

L2-TF201
Entries 0
TOF total mult(Real-Simu)

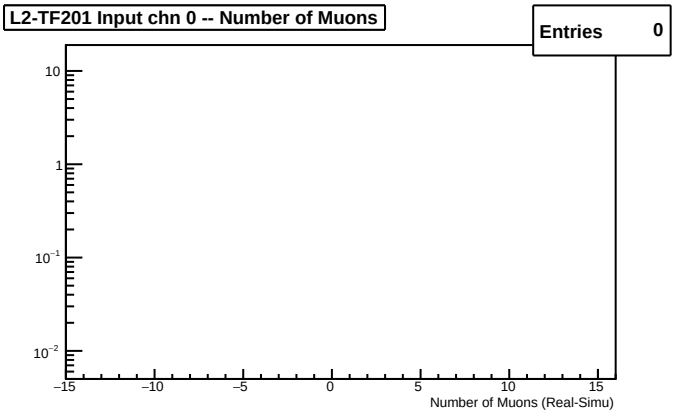

L2-TF201
Entries 5.666671e+07
Threshold/UPC bits
6.50164e+06
6.54214e+06
6.1791e+06
6.38734e+06
6.43172e+06
6.31005e+06
6.96276e+06
1.5936e+06
1.55311e+06
1.91614e+06
1.70791e+06
1.66353e+06
1.7852e+06
1.13248e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

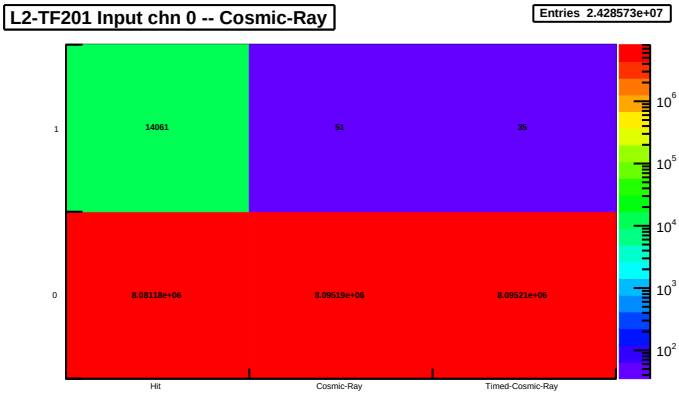

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

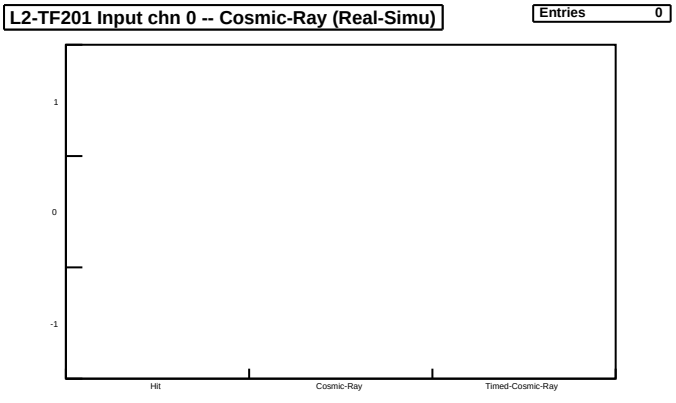

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 6.476195e+07
Fired
1.62635e+06
1.27847e+06
3.63796e+06
3.42629e+06
1.87951e+06
2.77882e+06
2.17561e+06
2.34467e+06
6.46889e+06
6.81677e+06
4.45728e+06
4.66896e+06
6.21574e+06
5.31643e+06
5.91964e+06
5.75057e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

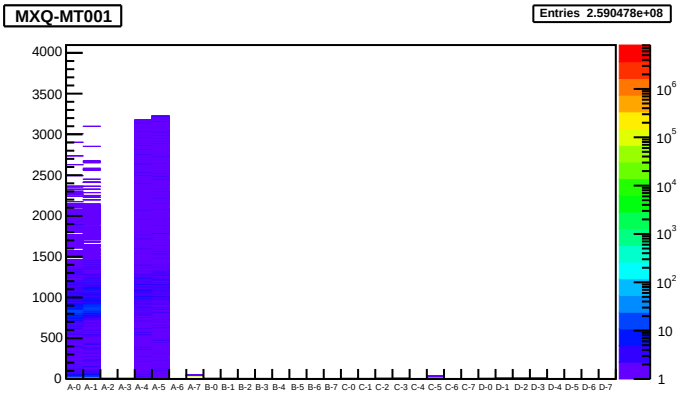

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

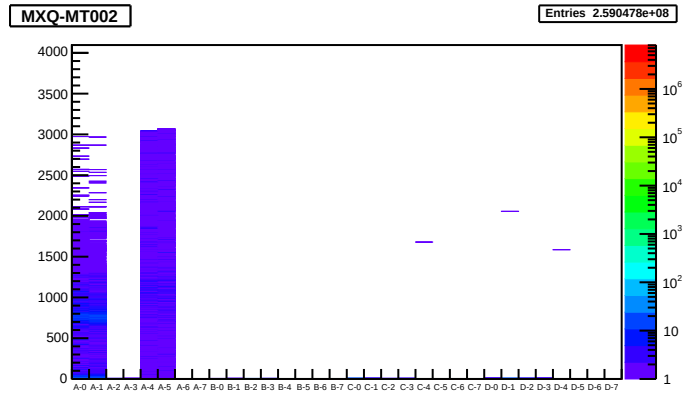

L2-TF201 Input chn 0 -- Number of Muons
Entries8095244
Number of Muons

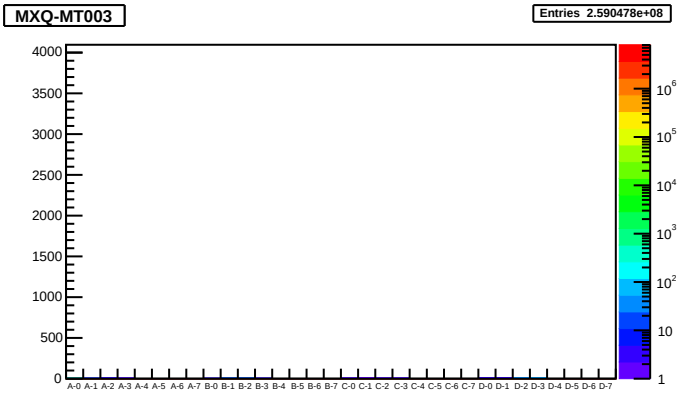

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

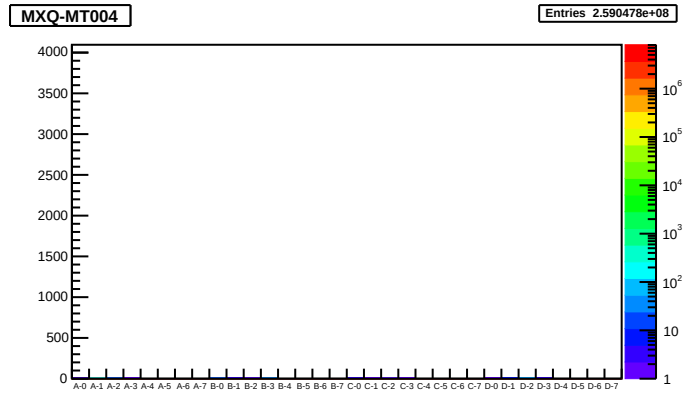

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.428573e+07
14061
51
35
8.08118e+06
8.09519e+06
8.09521e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

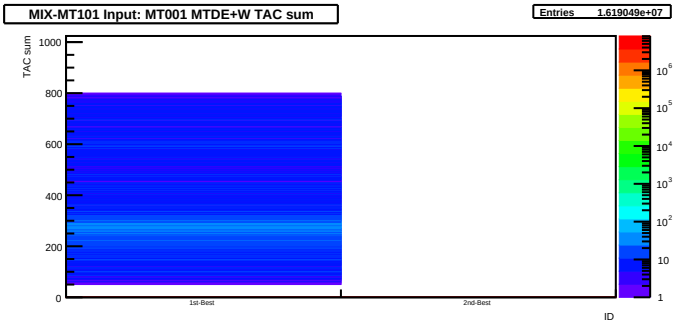

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

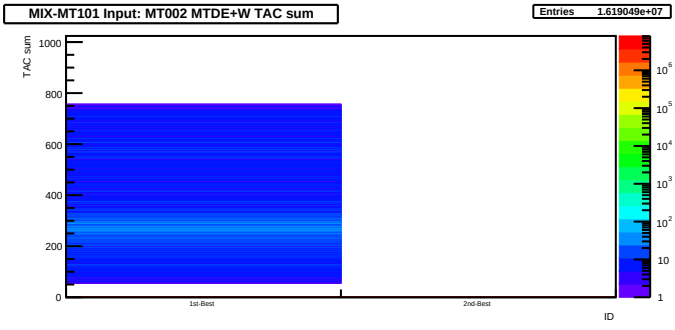

MXQ-MT001
Entries 2.590478e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

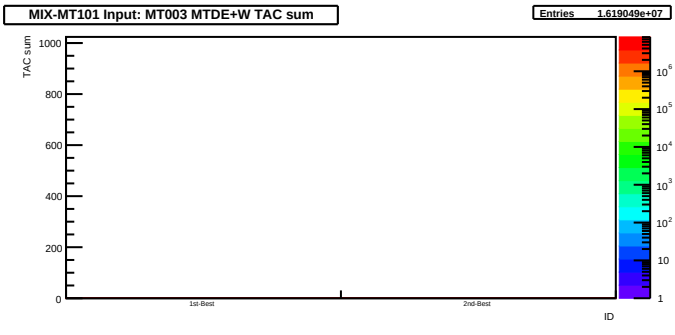

MXQ-MT002
Entries 2.590478e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

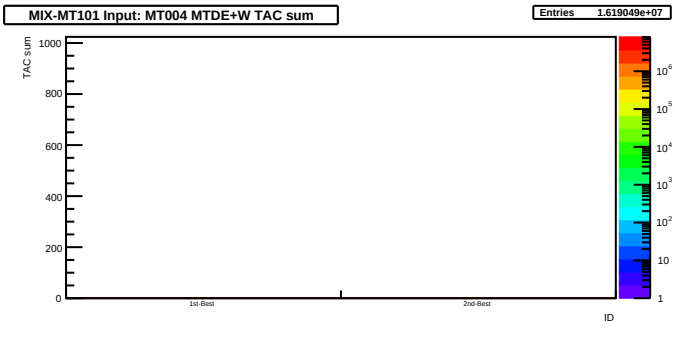

MXQ-MT003
Entries 2.590478e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

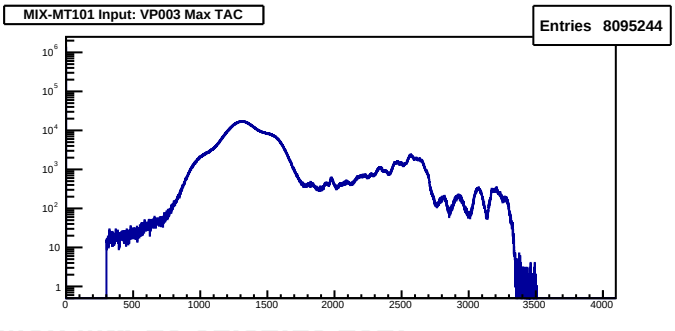

MXQ-MT004
Entries 2.590478e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

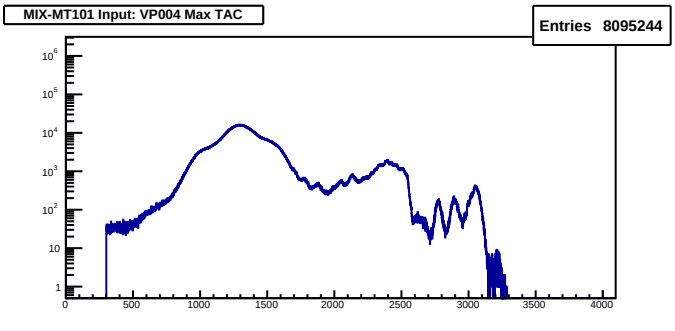

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.619049e+07
TAC sum
1st-Best
2nd-Best
ID

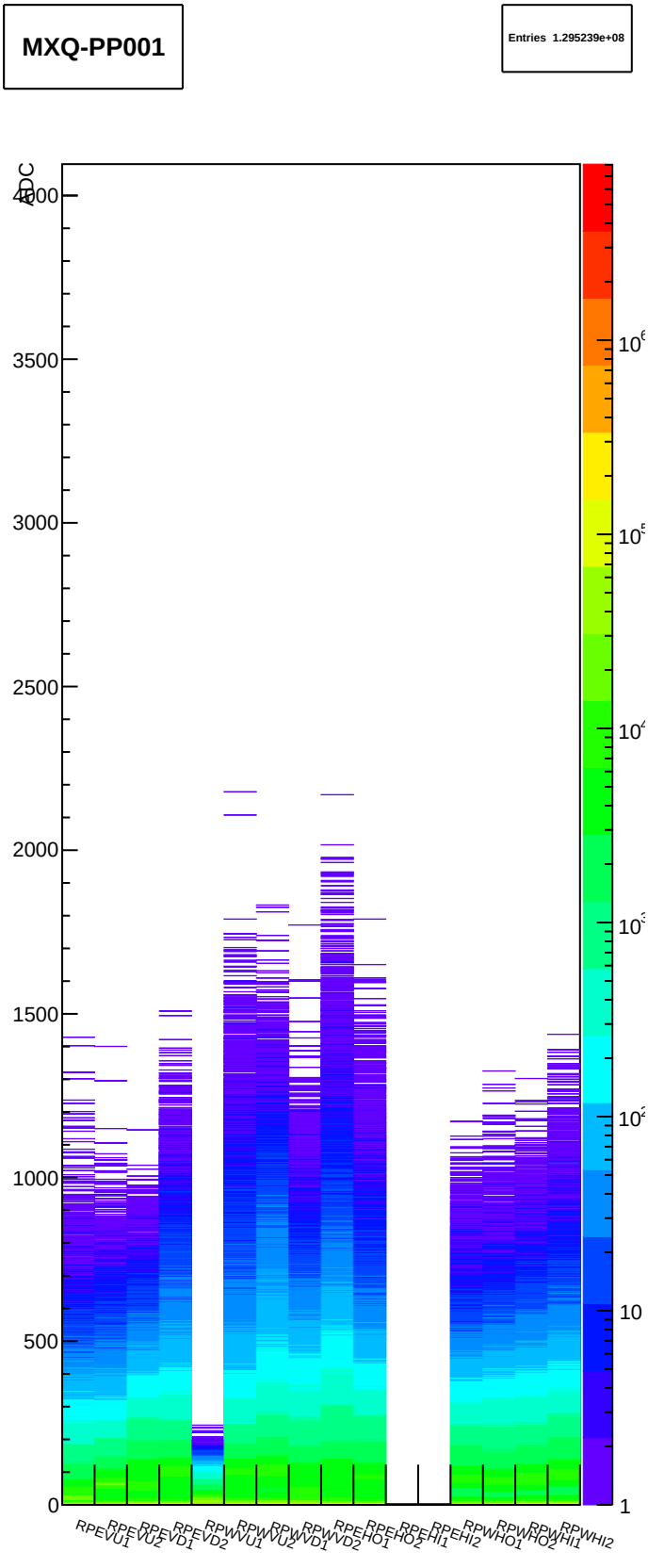

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.619049e+07
TAC sum
1st-Best
2nd-Best
ID

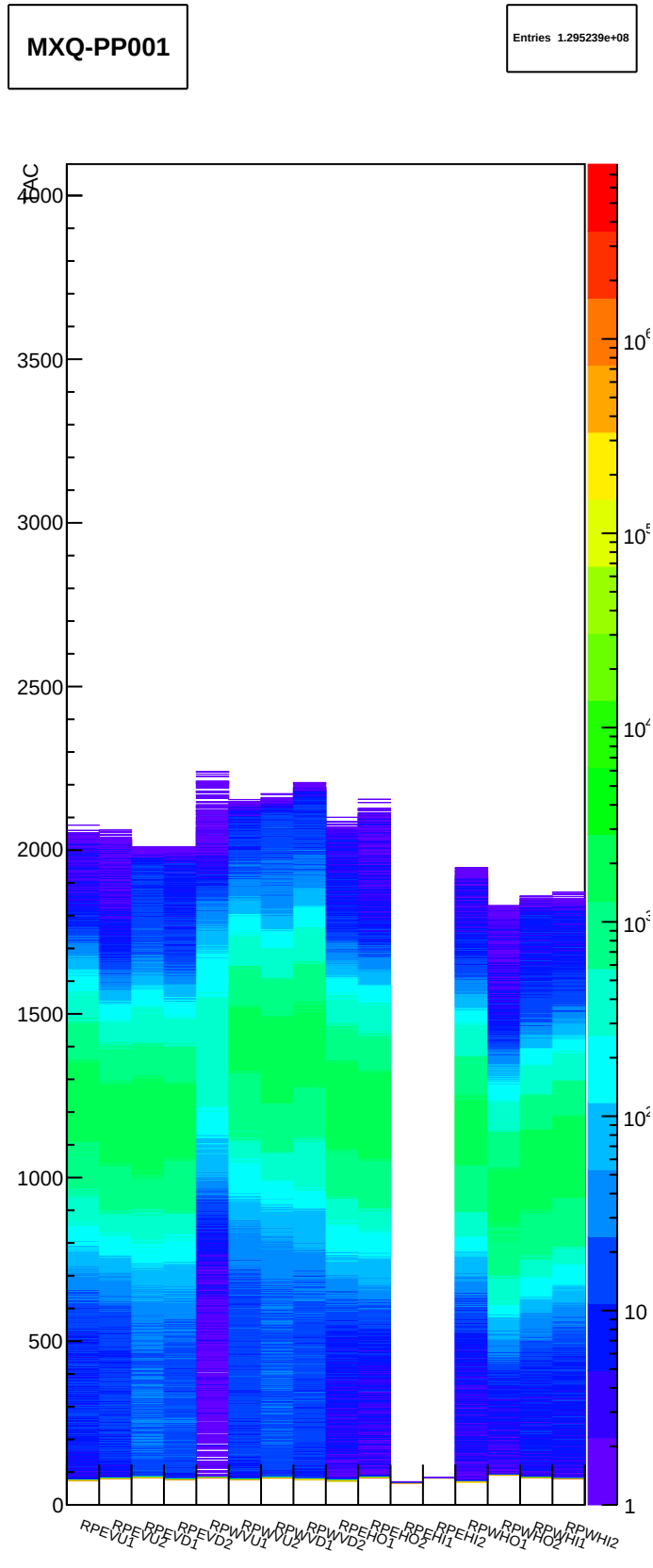

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.619049e+07
TAC sum
1st-Best
2nd-Best
ID

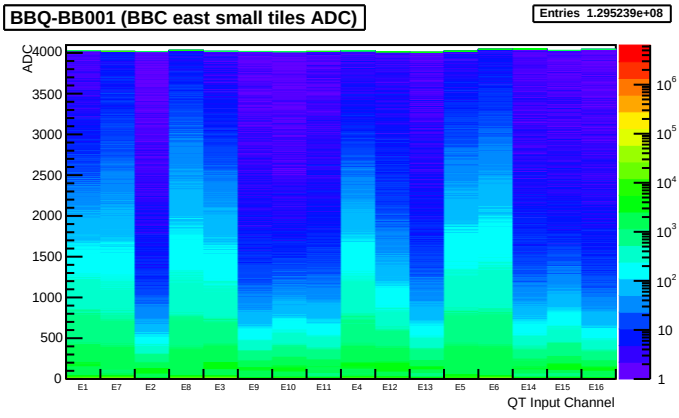

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.619049e+07
TAC sum
1st-Best
2nd-Best
ID

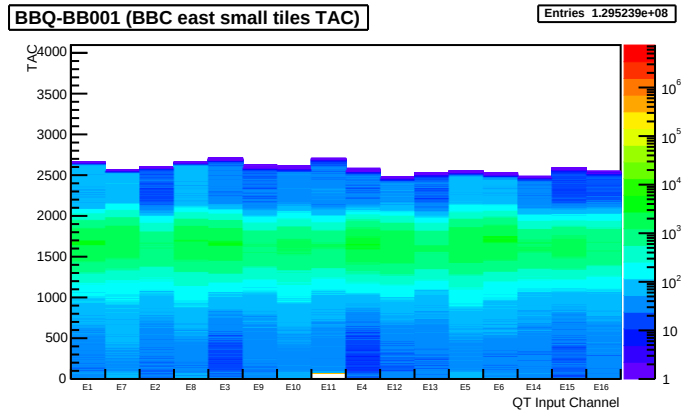

MIX-MT101 Input: VP003 Max TAC
Entries 8095244

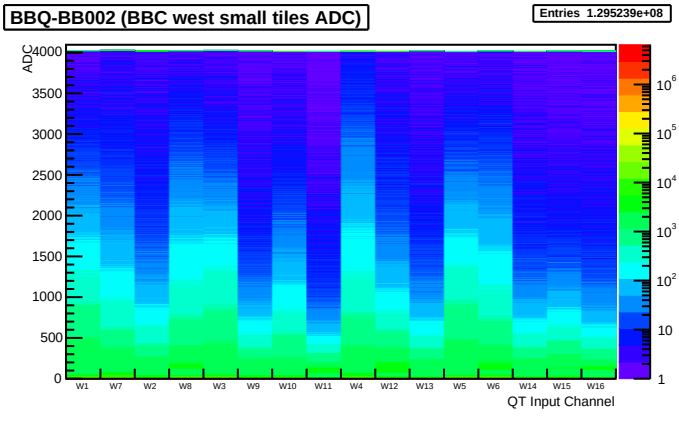

MIX-MT101 Input: VP004 Max TAC
Entries 8095244

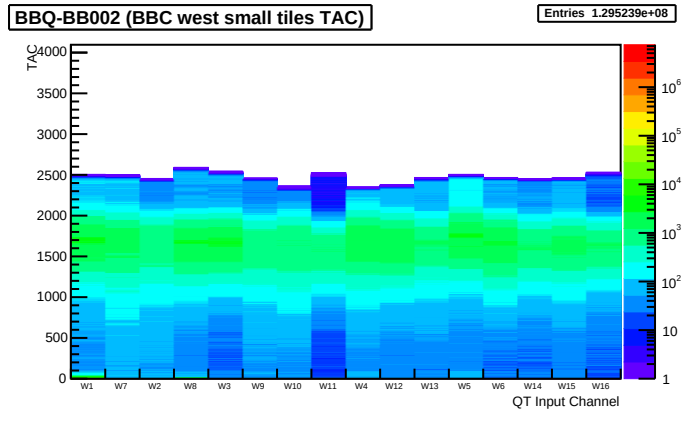

MXQ-PP001
Entries 1.295239e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

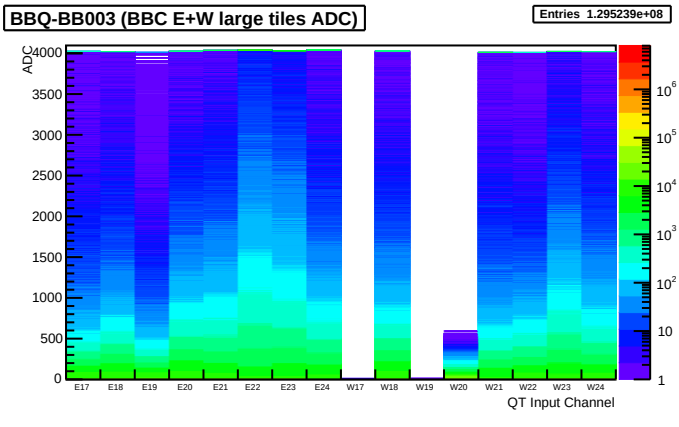

MXQ-PP001
Entries 1.295239e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

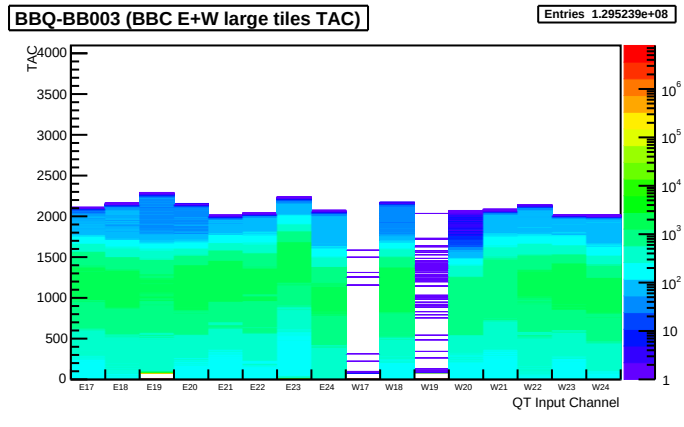

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.295239e+08
ADC
QT Input Channel

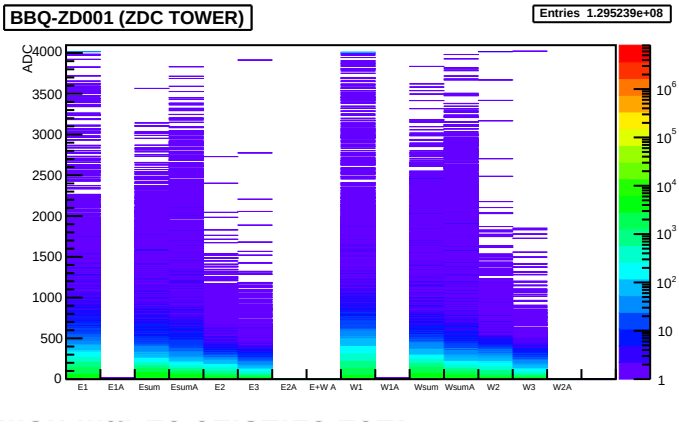

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.295239e+08
TAC
QT Input Channel

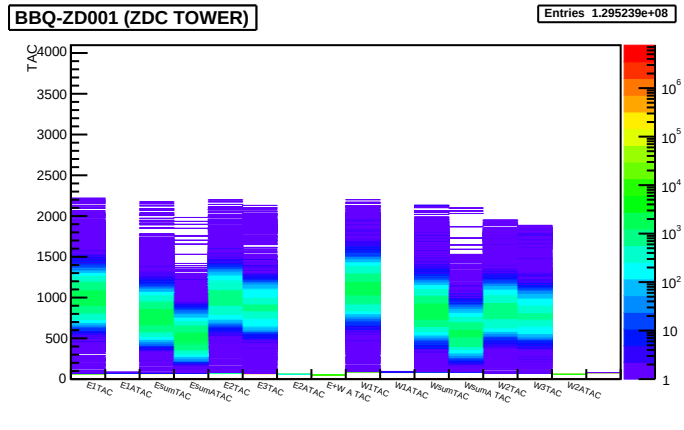

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.295239e+08
ADC
QT Input Channel

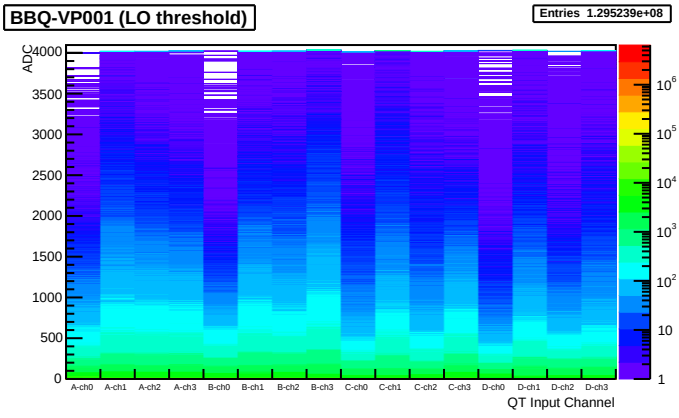

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.295239e+08
TAC
QT Input Channel

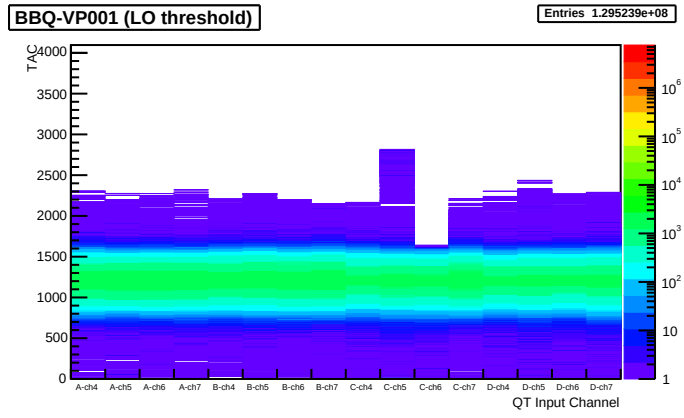

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.295239e+08
ADC
QT Input Channel

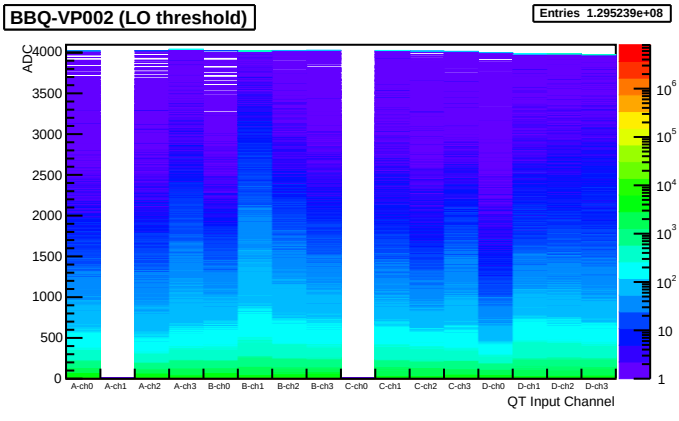

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.295239e+08
TAC
QT Input Channel

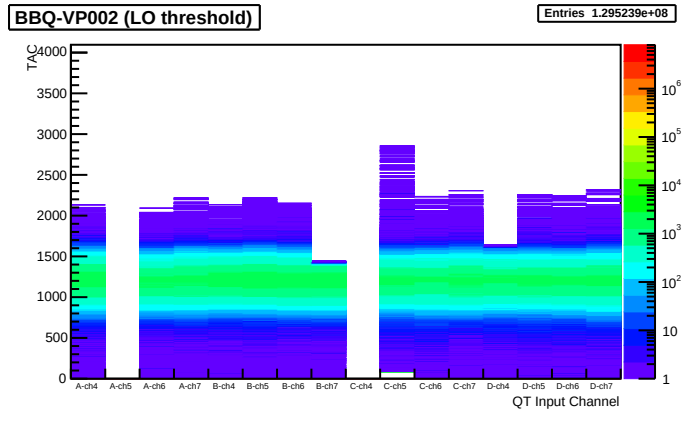

BBQ-ZD001 (ZDC TOWER)
Entries 1.295239e+08
ADC

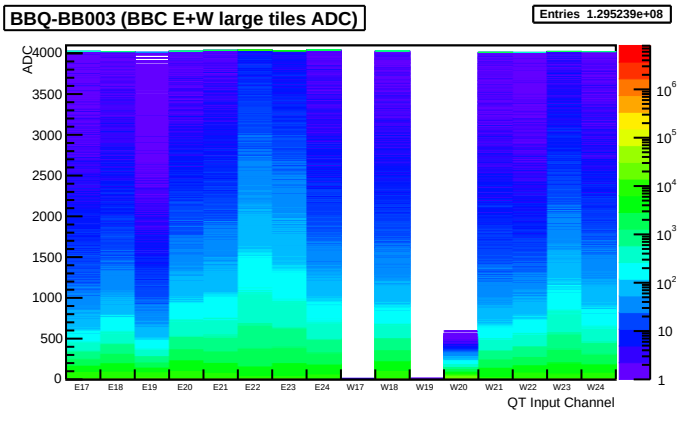

BBQ-ZD001 (ZDC TOWER)
Entries 1.295239e+08
TAC

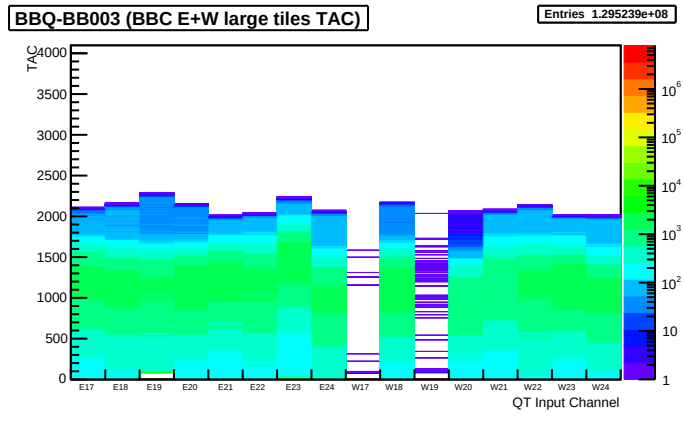

BBQ-VP001 (LO threshold)
Entries 1.295239e+08
ADC
QT Input Channel

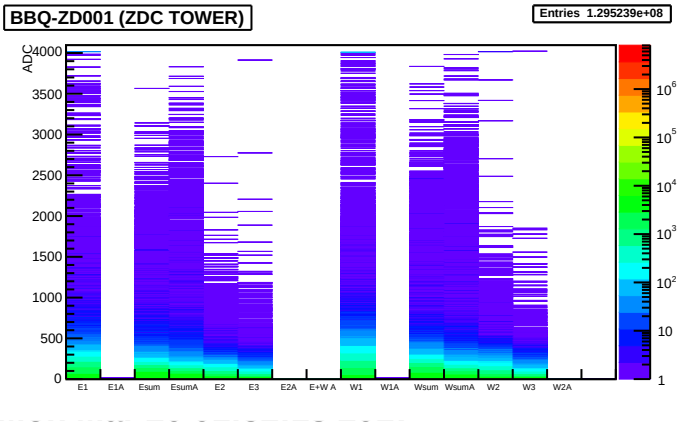

BBQ-VP001 (LO threshold)
Entries 1.295239e+08
TAC
QT Input Channel

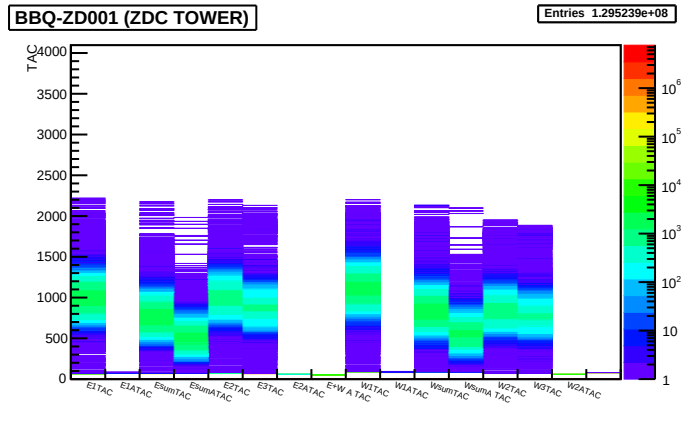

BBQ-VP002 (LO threshold)
Entries 1.295239e+08
ADC
QT Input Channel

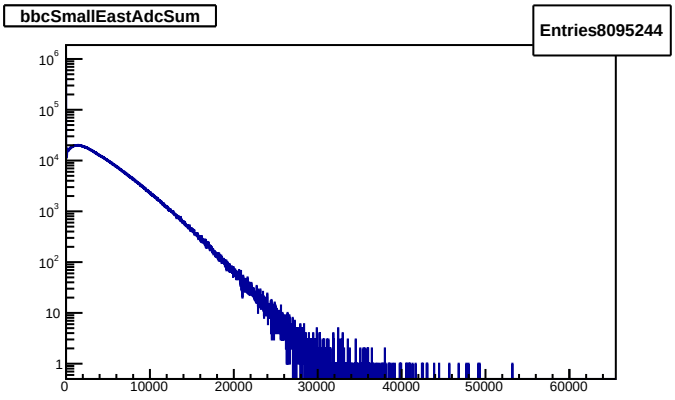

BBQ-VP002 (LO threshold)
Entries 1.295239e+08
TAC
QT Input Channel

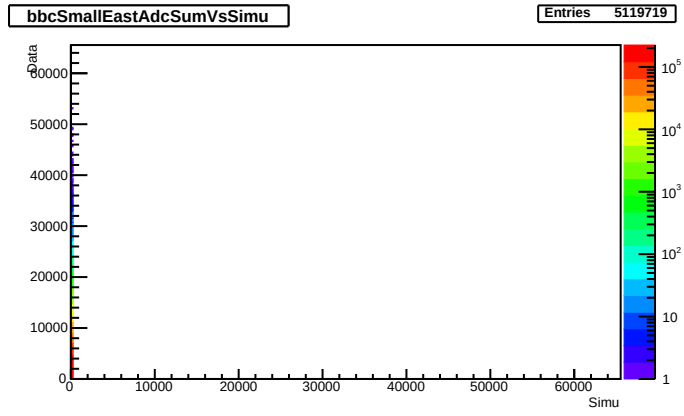

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.295239e+08
ADC
QT Input Channel

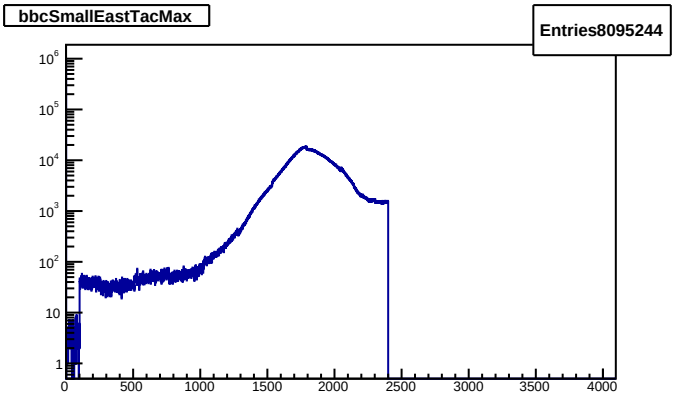

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.295239e+08
TAC
QT Input Channel

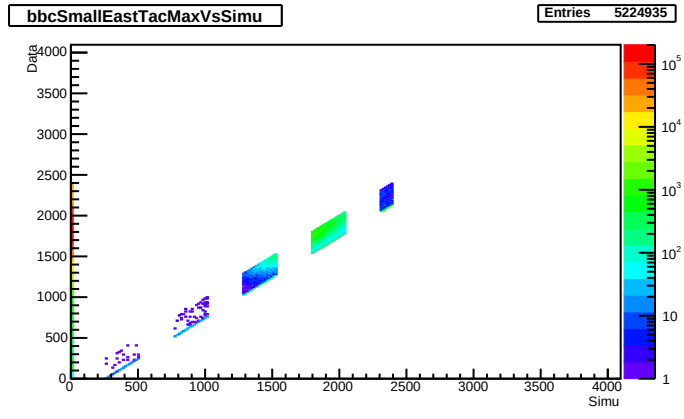

BBQ-ZD001 (ZDC TOWER)
Entries 1.295239e+08
ADC

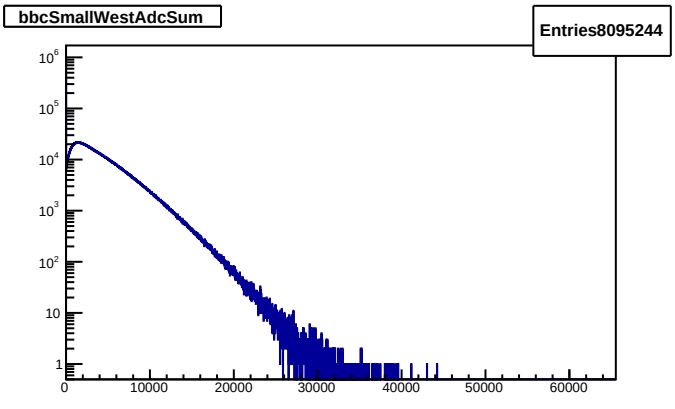

BBQ-ZD001 (ZDC TOWER)
Entries 1.295239e+08
TAC

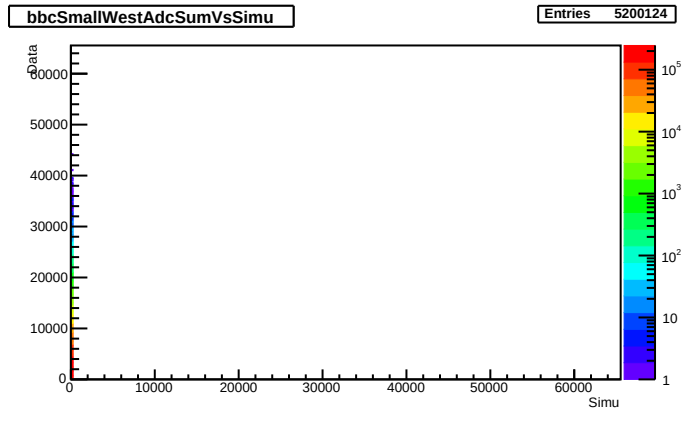

bbcSmallEastAdcSum
Entries8095244

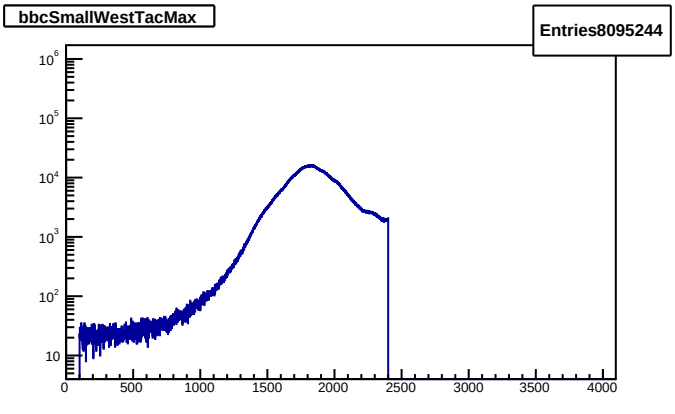

bbcSmallEastAdcSumVsSimu
Entries 5119719
Data
Simu

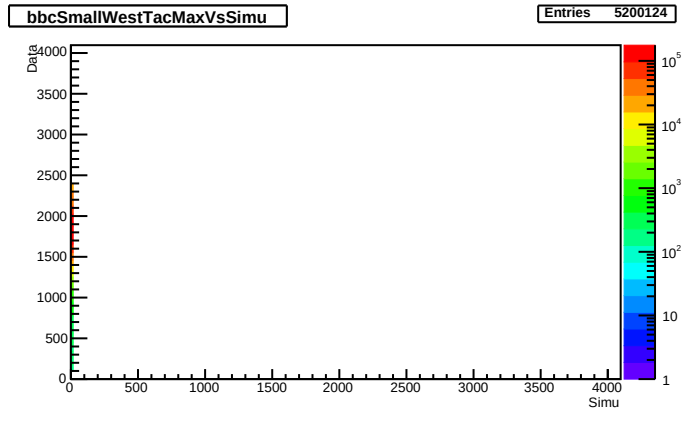

bbcSmallEastTacMax
Entries8095244

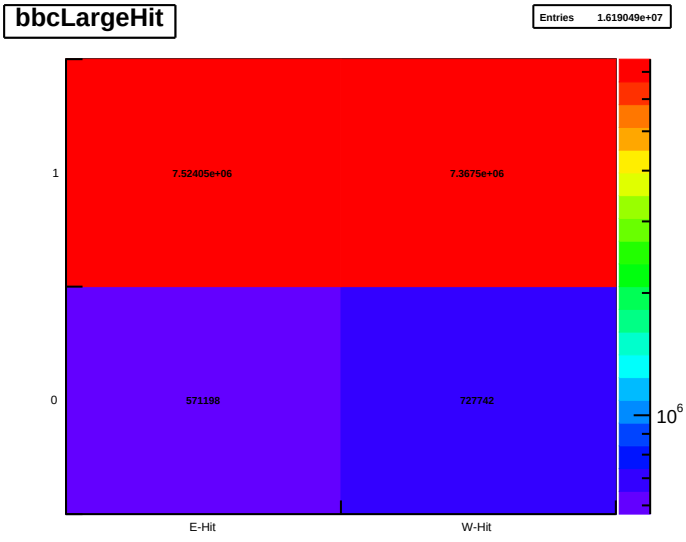

bbcSmallEastTacMaxVsSimu
Entries 5224935
Data
Simu

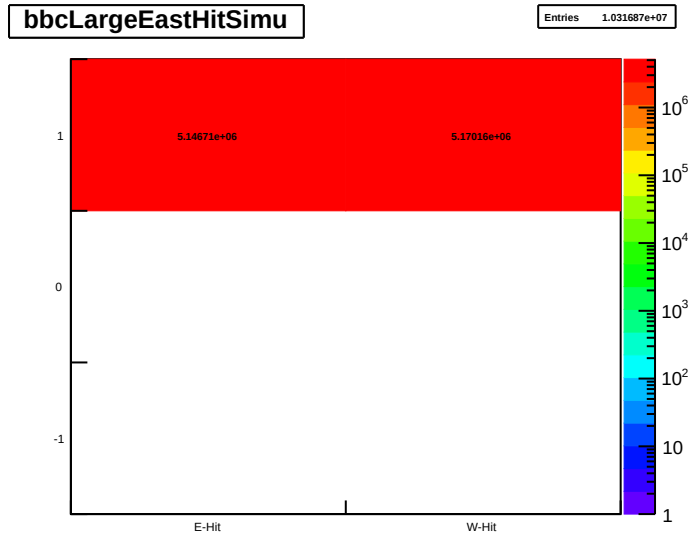

bbcSmallWestAdcSum
Entries8095244

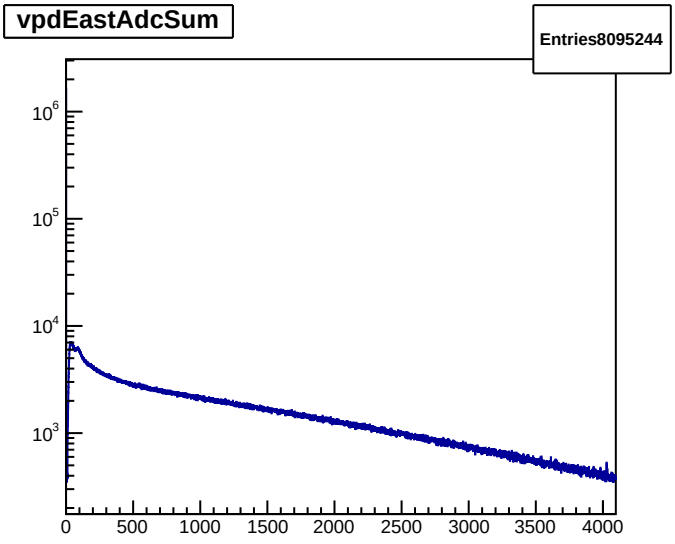

bbcSmallWestAdcSumVsSimu
Entries 5200124
Data
Simu

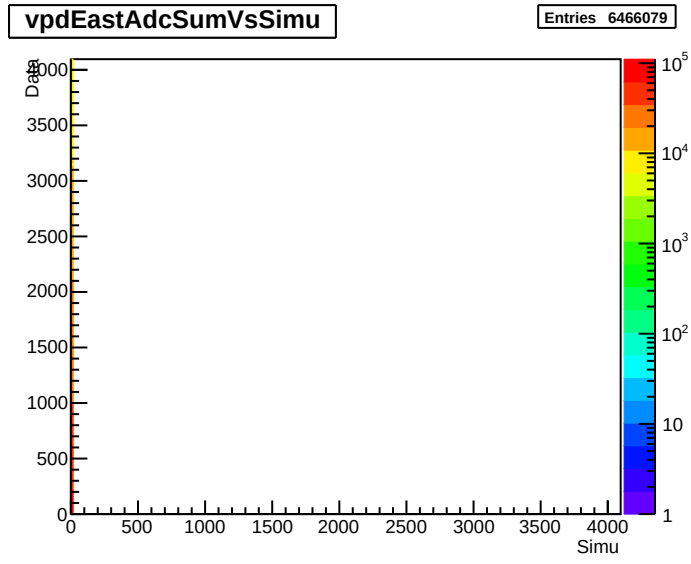

bbcSmallWestTacMax
Entries8095244

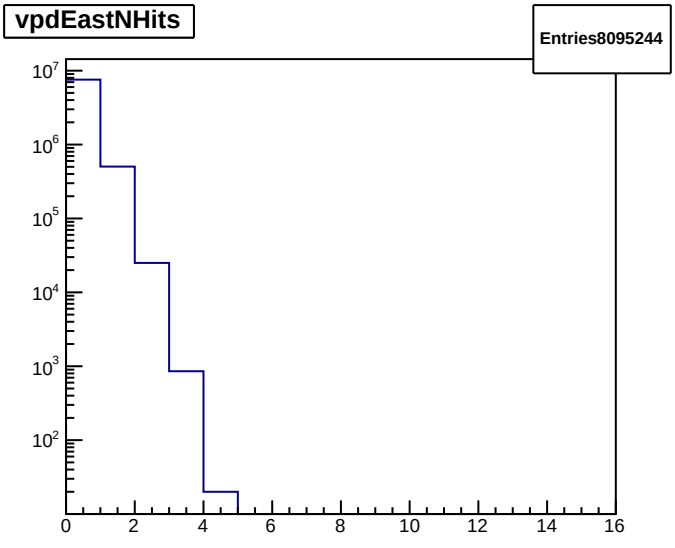

bbcSmallWestTacMaxVsSimu
Entries 5200124
Data
Simu

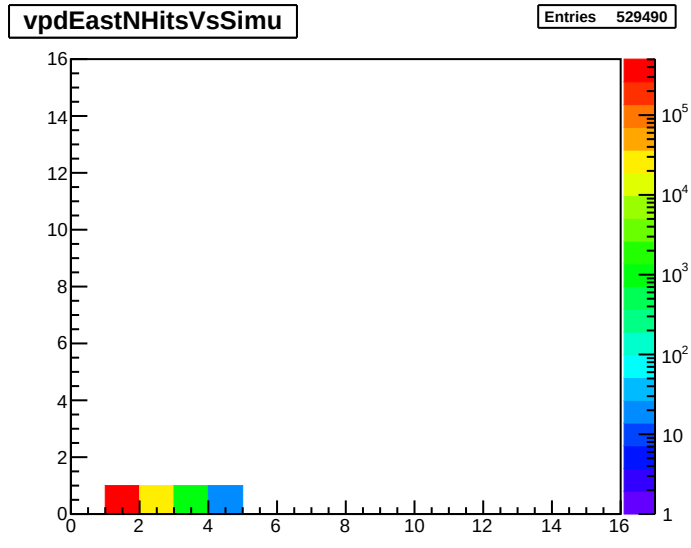

bbcLargeHit
Entries 1.619049e+07
7.52405e+06
7.3675e+06
571198
727742
1
0
E-Hit
W-Hit
10^6

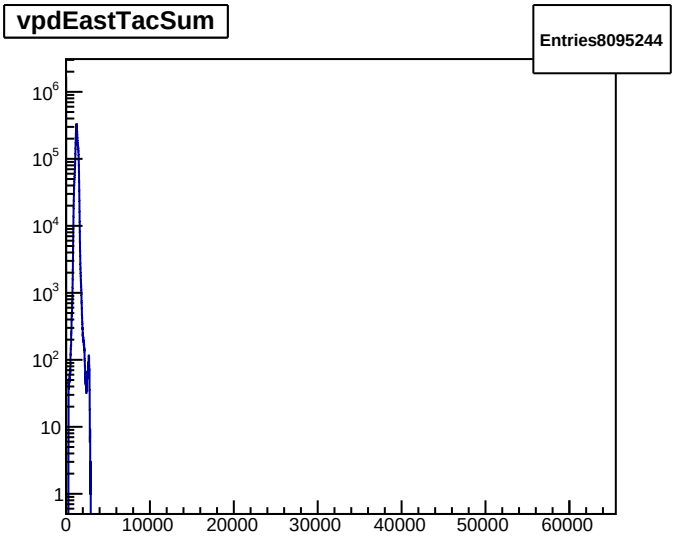

bbcLargeEastHitSimu
Entries 1.031687e+07
5.14671e+06
5.17016e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

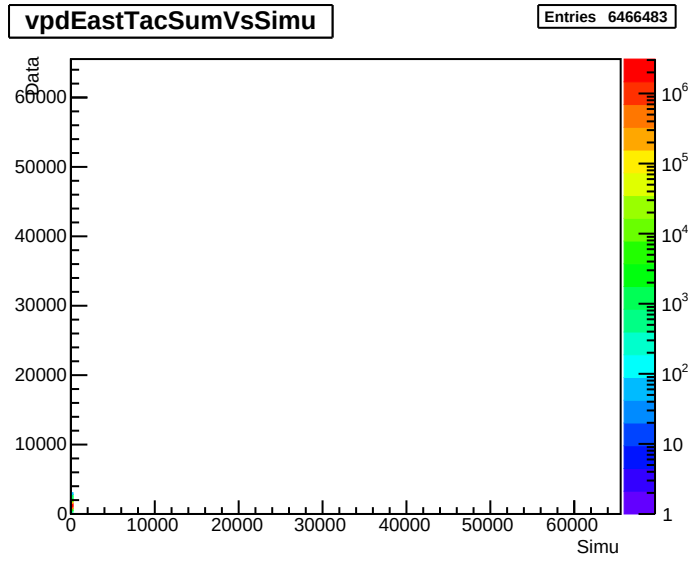

vpdEastAdcSum
Entries8095244

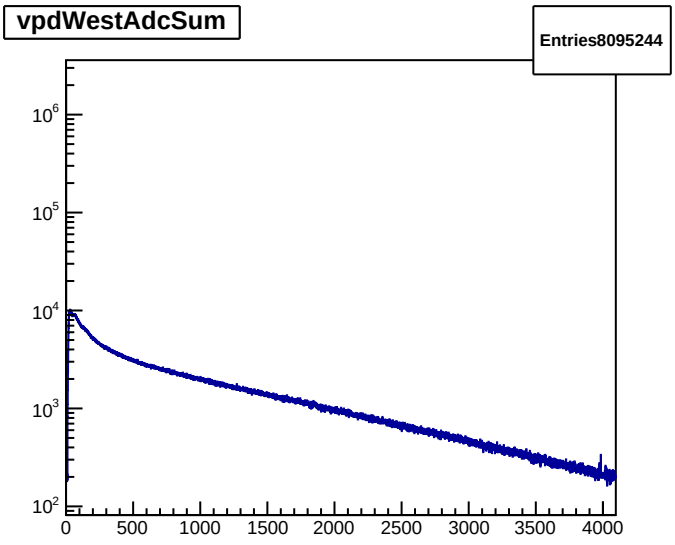

vpdEastAdcSumVsSimu
Entries 6466079
Data
Simu

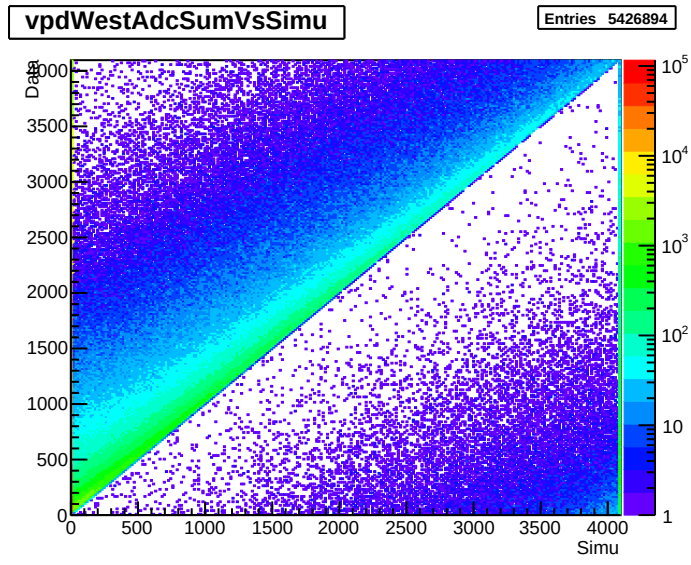

vpdEastNHits
Entries8095244

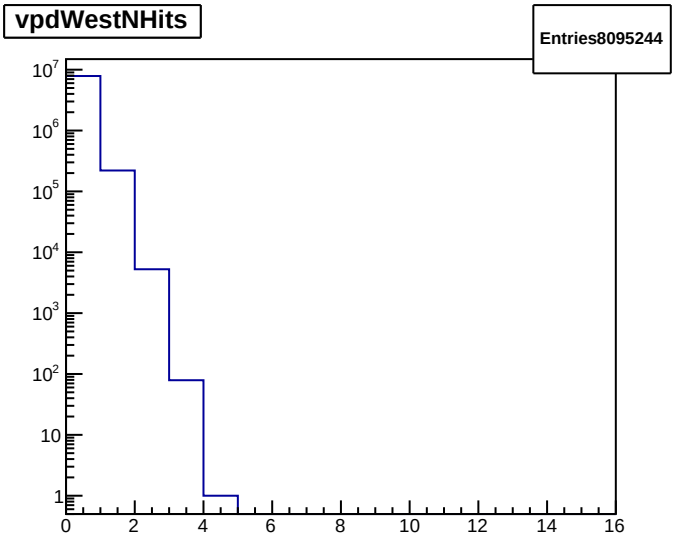

vpdEastNHitsVsSimu
Entries 529490

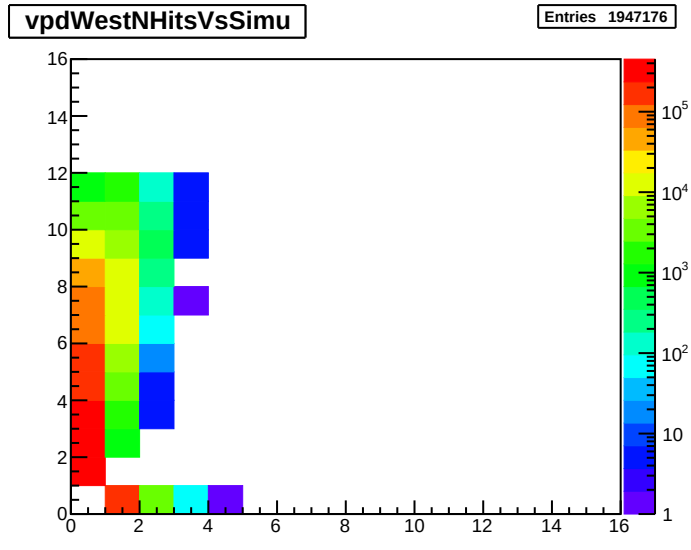

vpdEastTacSum
Entries8095244

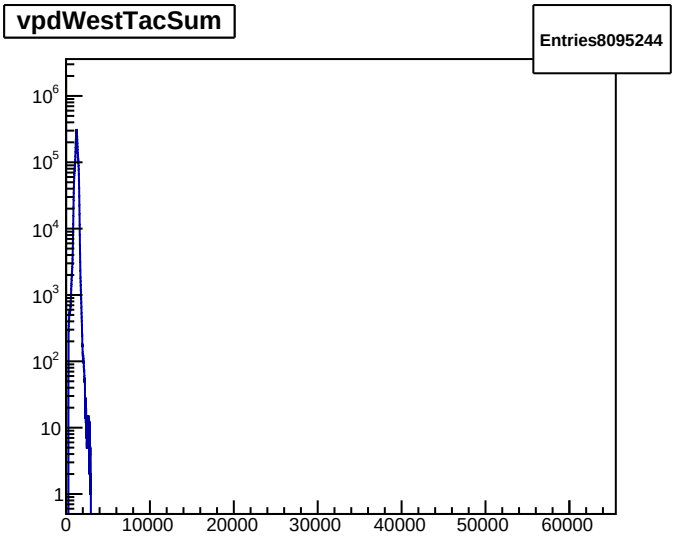

vpdEastTacSumVsSimu
Entries 6466483
Data
Simu

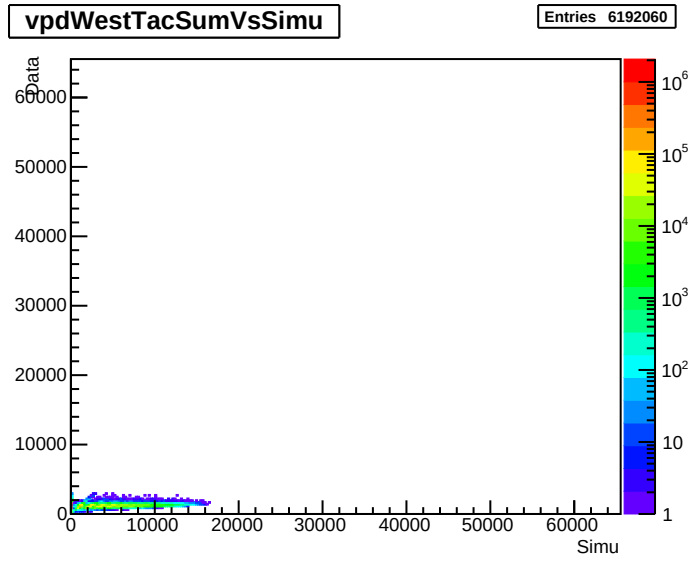

vpdWestAdcSum
Entries8095244

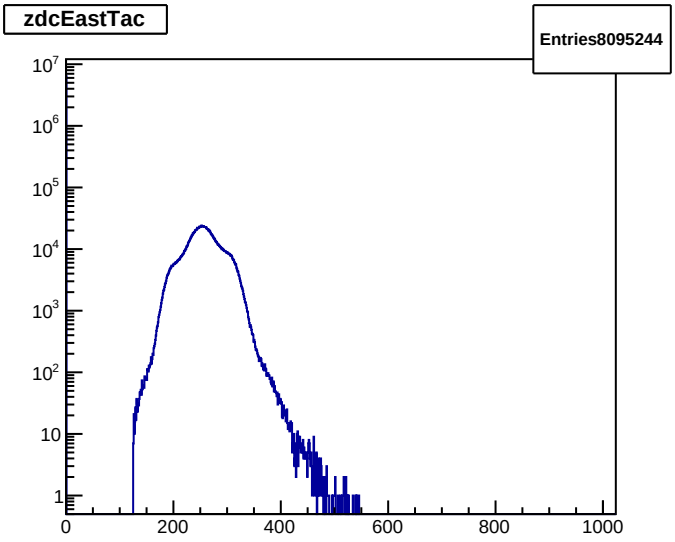

vpdWestAdcSumVsSimu
Entries 5426894
Data
Simu

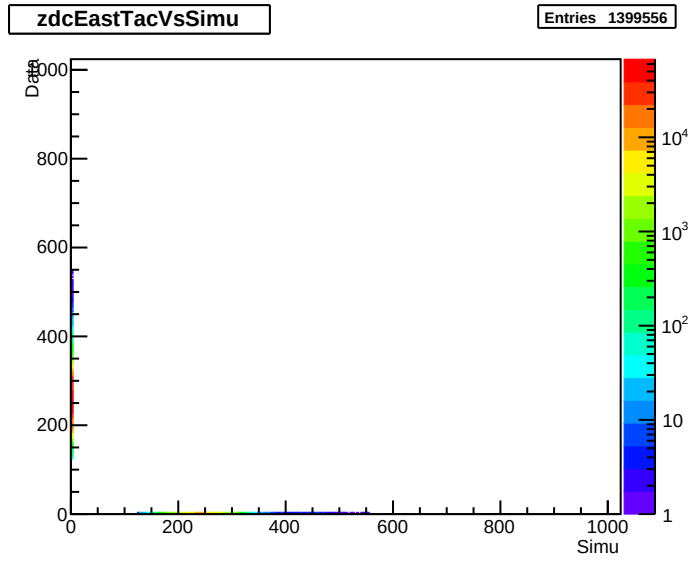

vpdWestNHits
Entries8095244

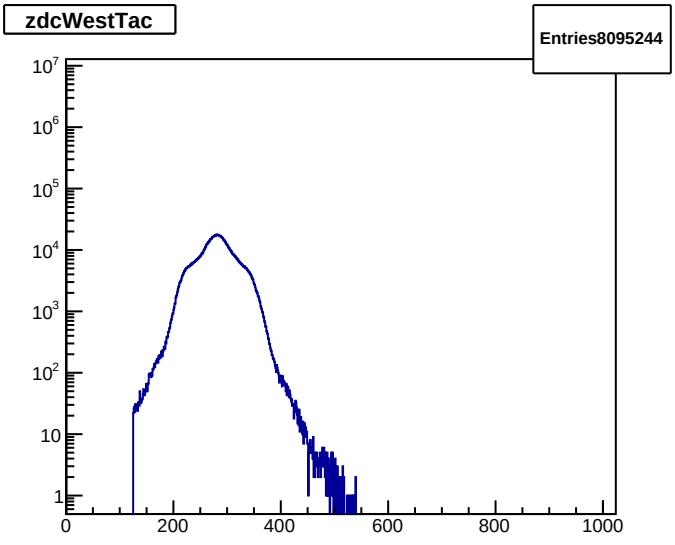

vpdWestNHitsVsSimu
Entries 1947176

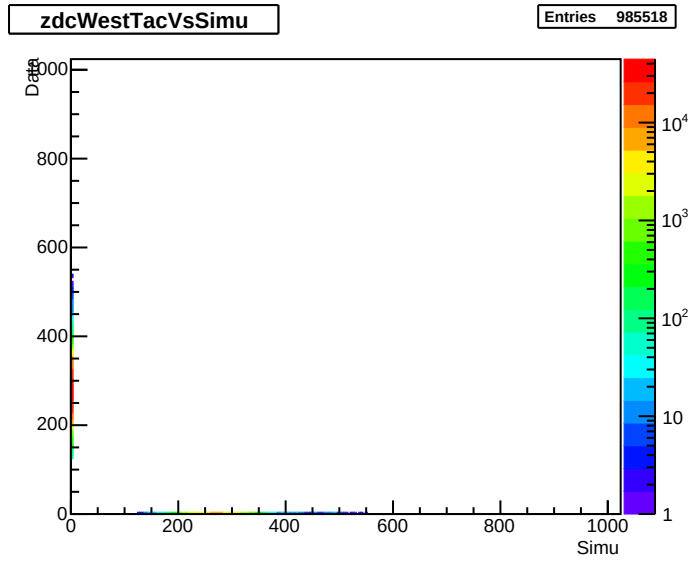

vpdWestTacSum
Entries8095244

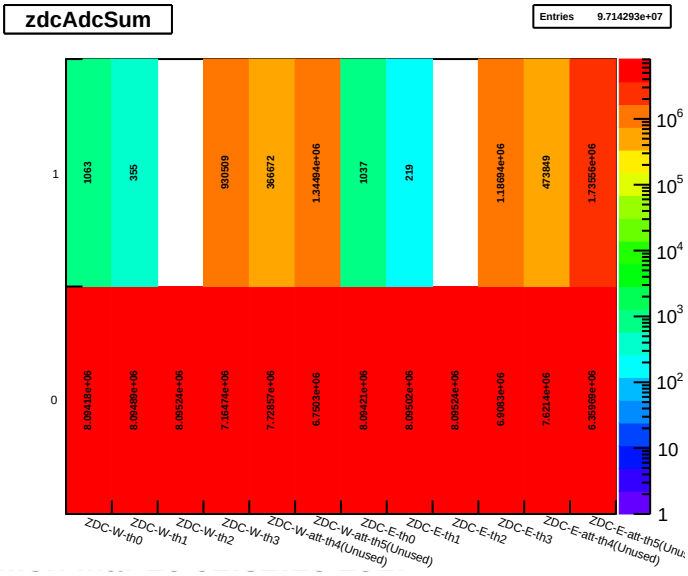

vpdWestTacSumVsSimu
Entries 6192060
Data
Simu

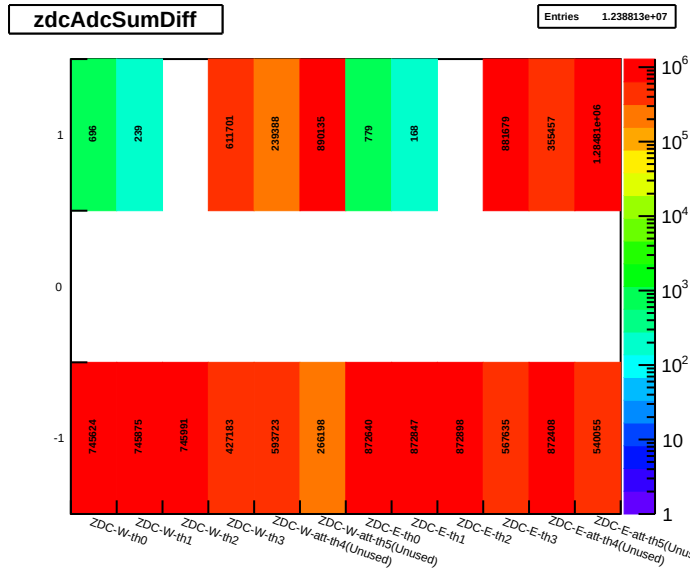

zdcEastTac
Entries8095244

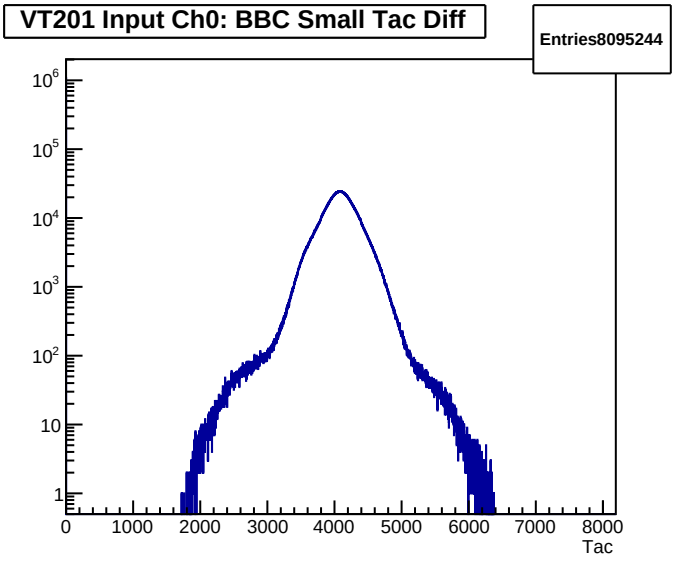

zdcEastTacVsSimu
Entries 1399556
Data
Simu

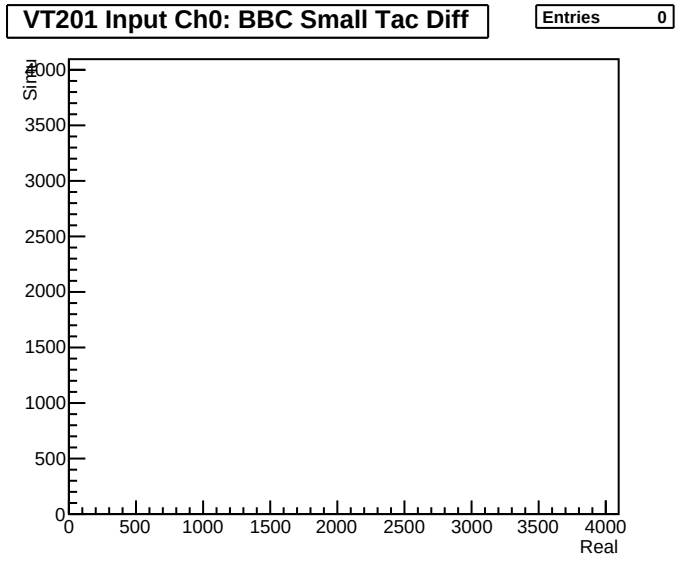

zdcWestTac
Entries8095244

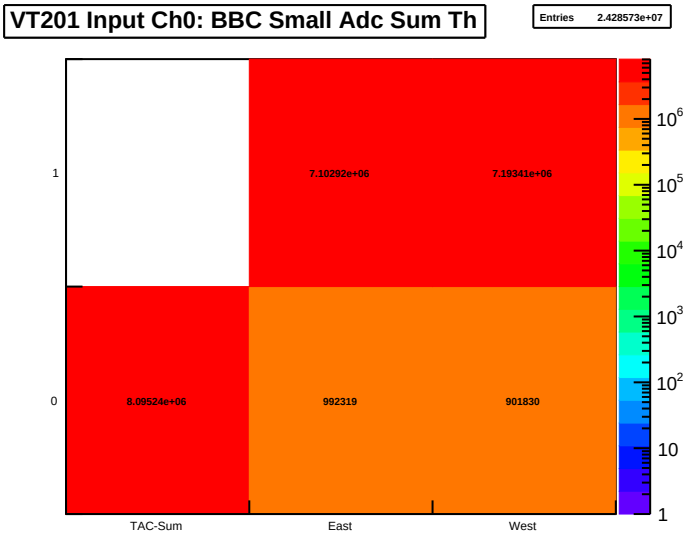

zdcWestTacVsSimu
Entries 985518
Data
Simu

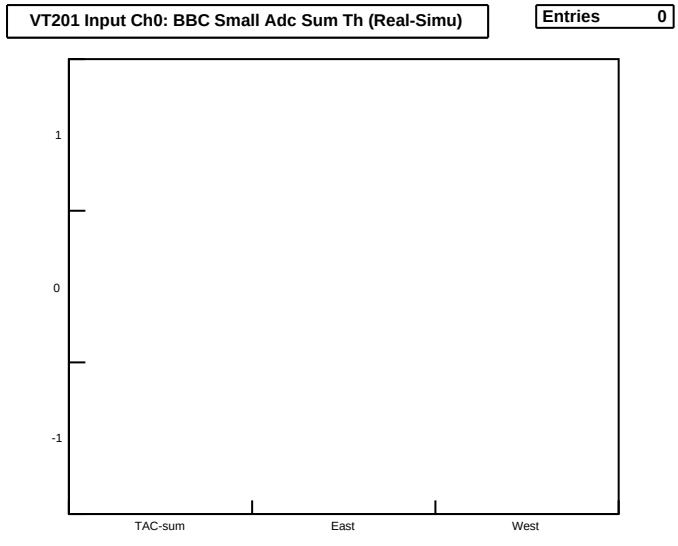

zdcAdcSum
Entries 9.714293e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

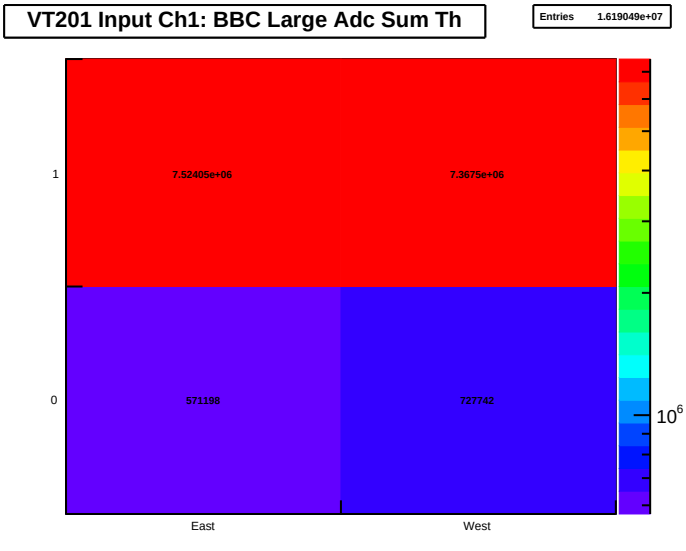

zdcAdcSumDiff
Entries 1.238813e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

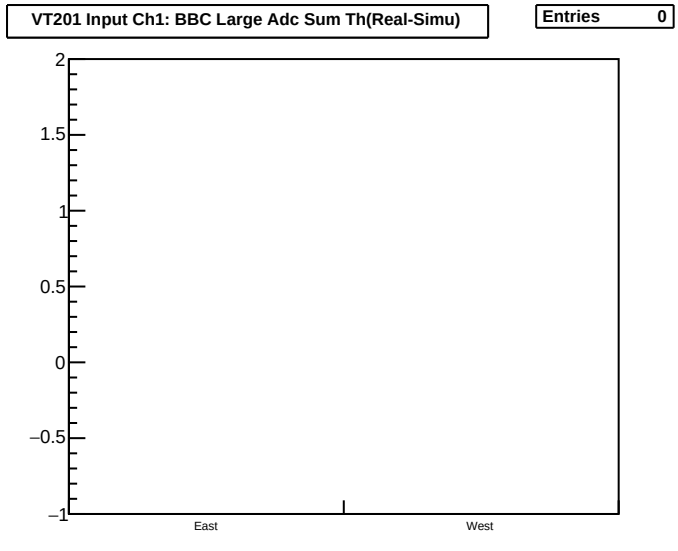

VT201 Input Ch0: BBC Small Tac Diff
Entries8095244
Tac


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

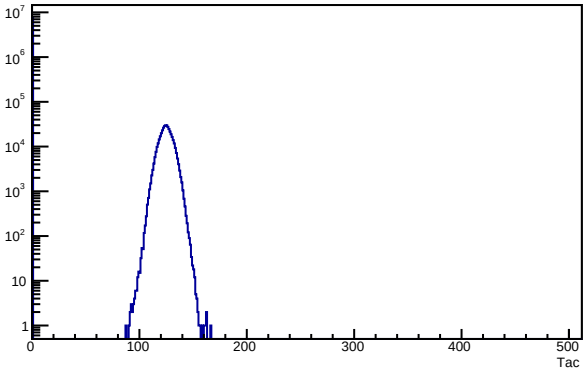

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.428573e+07
7.10292e+06
7.19341e+06
8.09524e+06
992319
901830
TAC-Sum
East
West


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

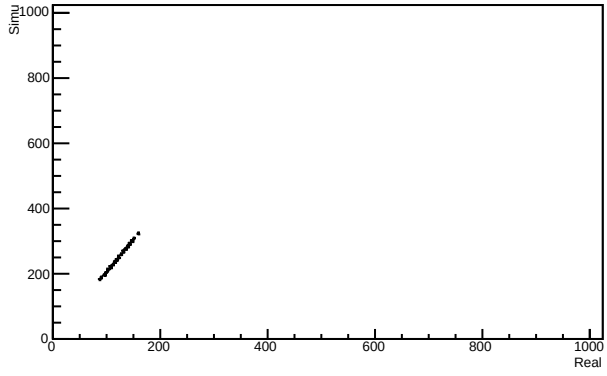

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.619049e+07
7.52405e+06
7.3675e+06
571198
727742
East
West


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

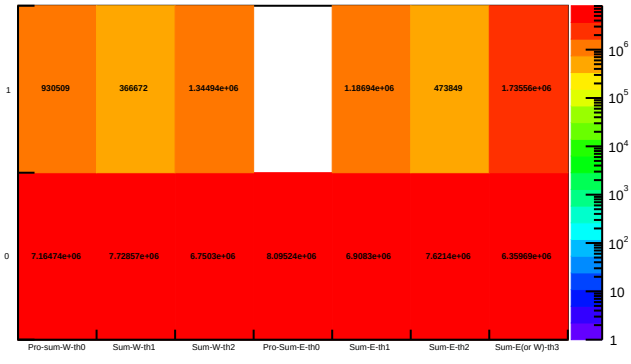
VT201 Input Ch2: ZDC Tac Diff



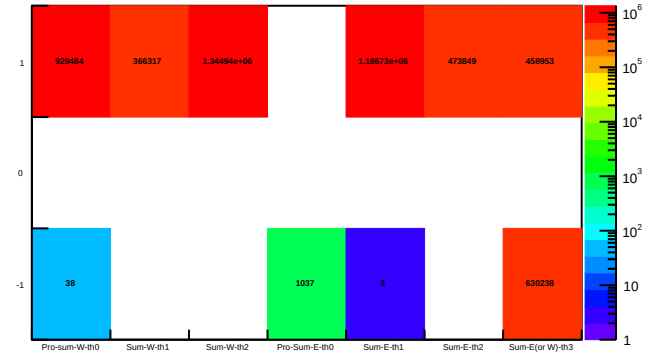
VT201 Input Ch2: ZDC Tac Diff



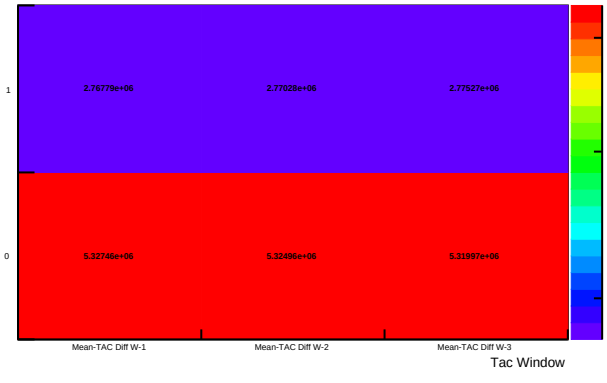
VT201 Input Ch2: ZDC Adc Sum Th



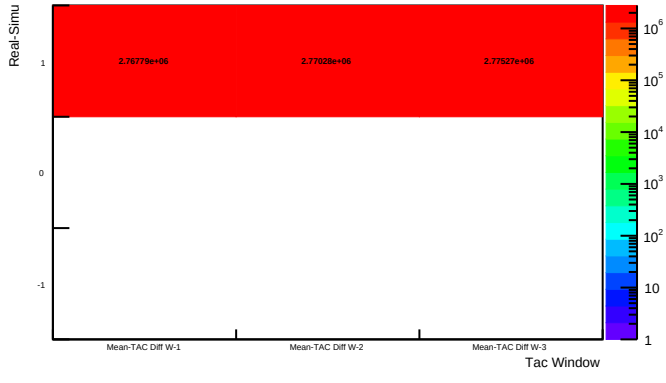
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



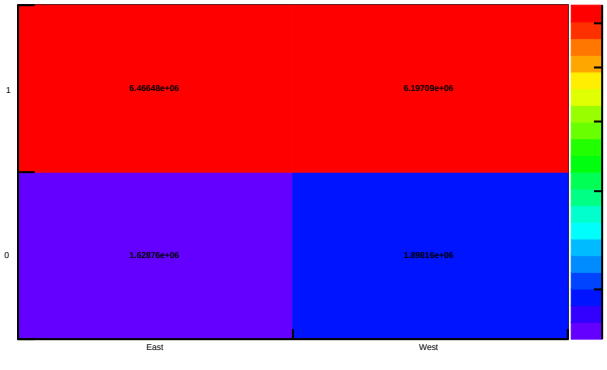
VT201 Input Ch4: VPD Tac Diff



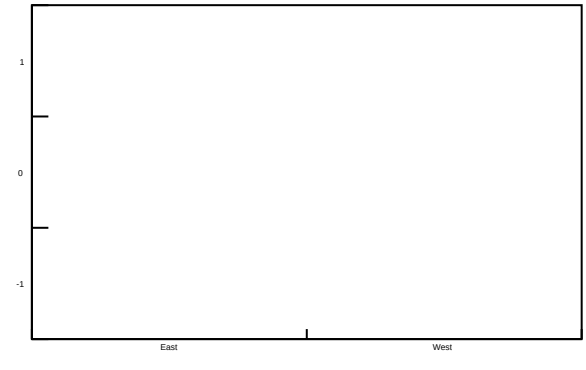
VT201 Input Ch4: VPD Tac Diff

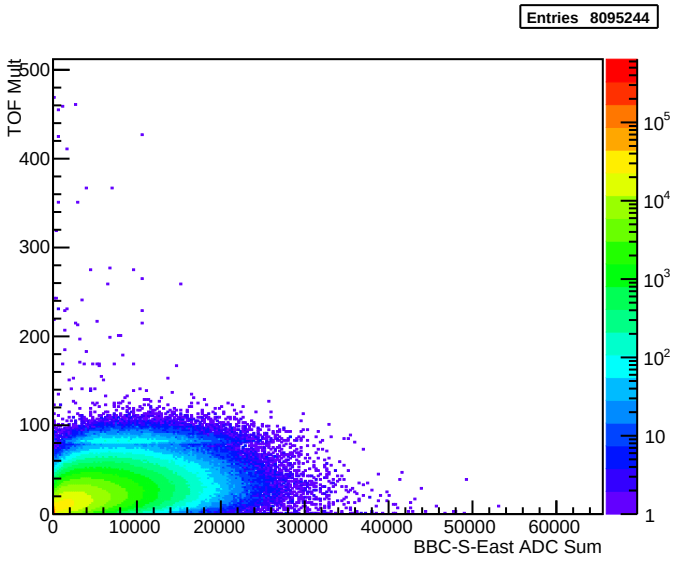


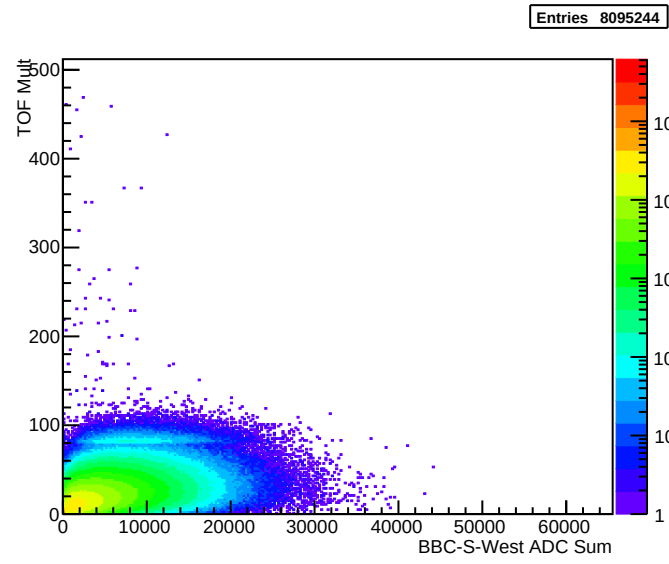
VT201 Input Ch4: VPD Adc Sum Th

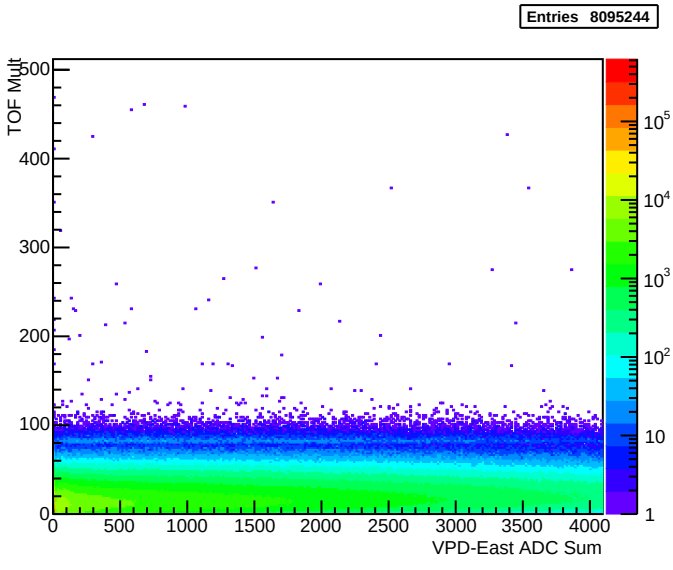


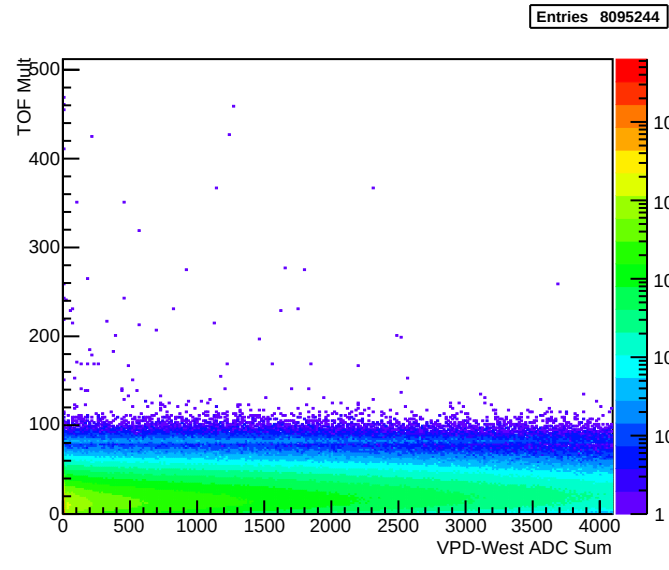
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

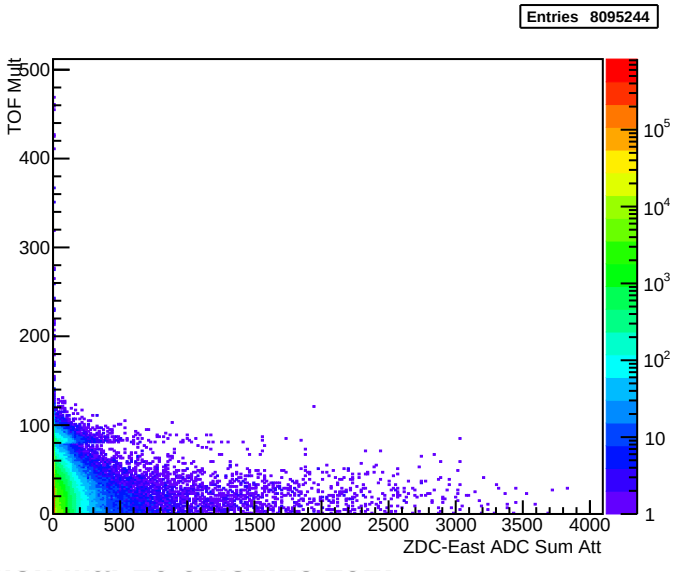


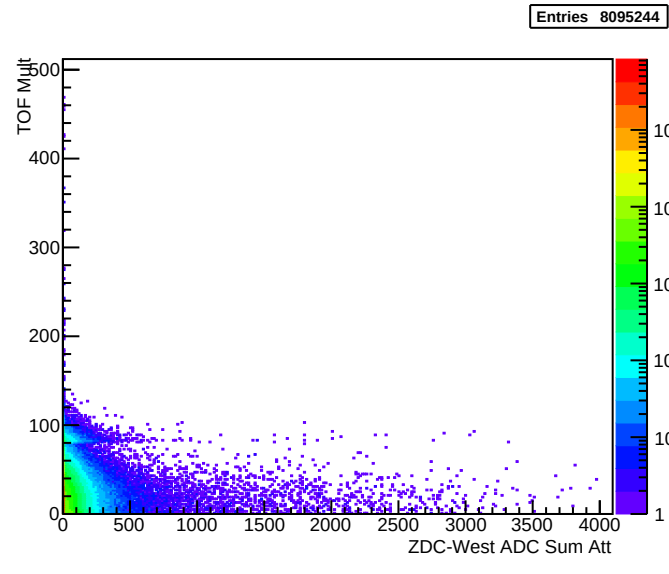

Entries 8095244
TOF Mult
BBC-S-East ADC Sum

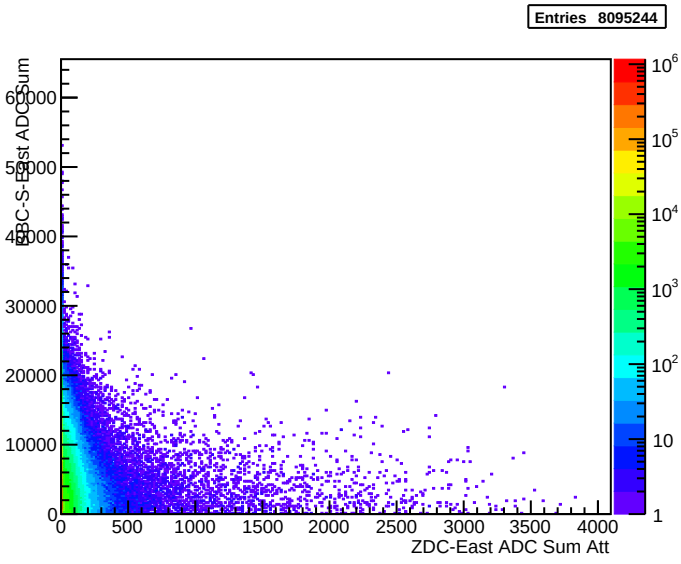

Entries 8095244
TOF Mult
BBC-S-West ADC Sum

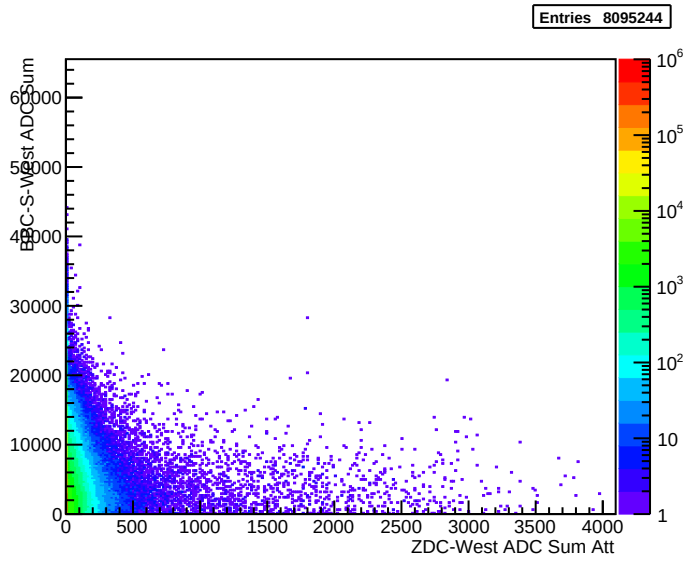

Entries 8095244
TOF Mult
VPD-East ADC Sum

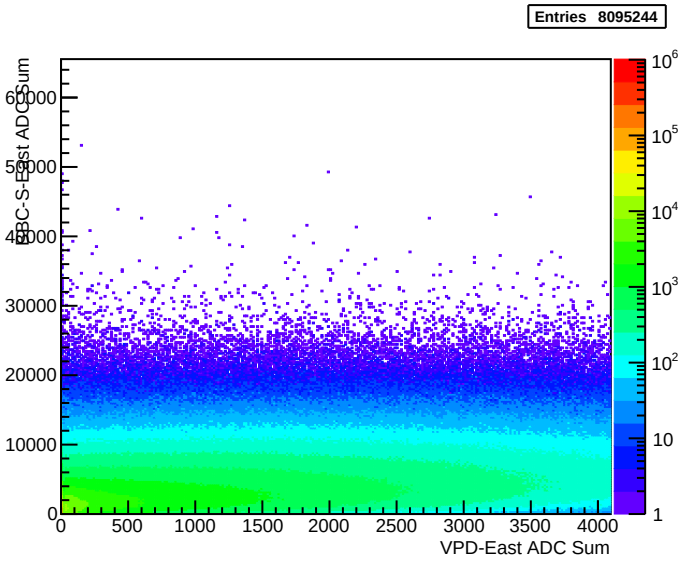

Entries 8095244
TOF Mult
VPD-West ADC Sum

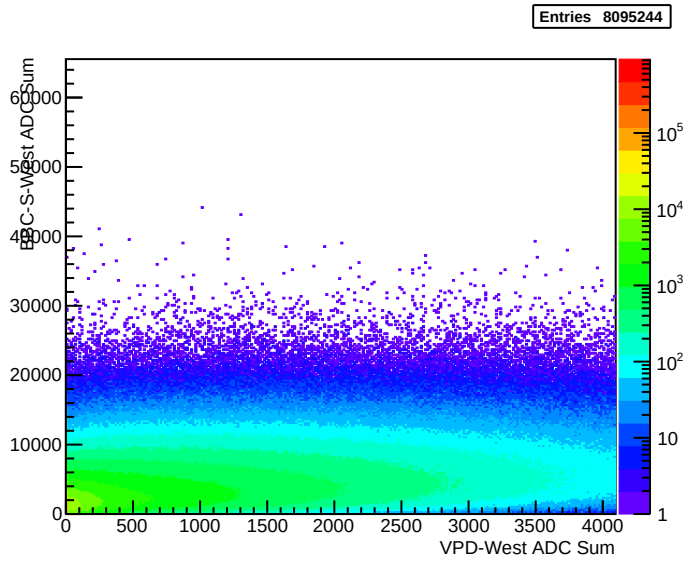

Entries 8095244
TOF Mult
ZDC-East ADC Sum Att

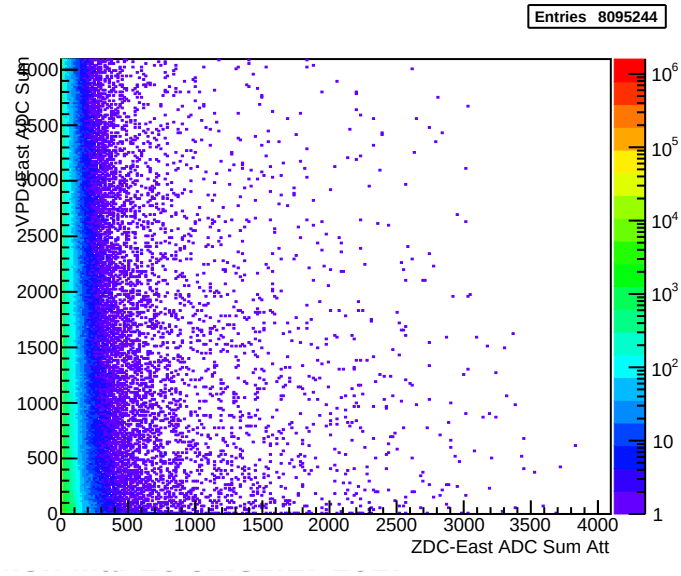

Entries 8095244
TOF Mult
ZDC-West ADC Sum Att

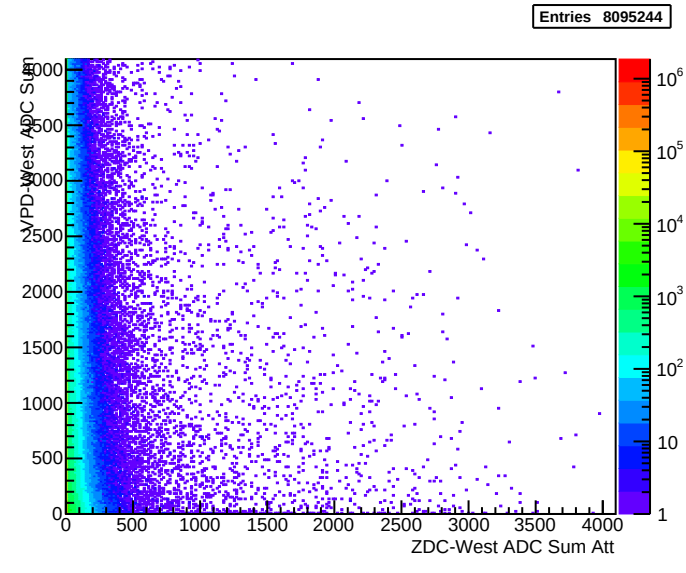

Entries 8095244
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

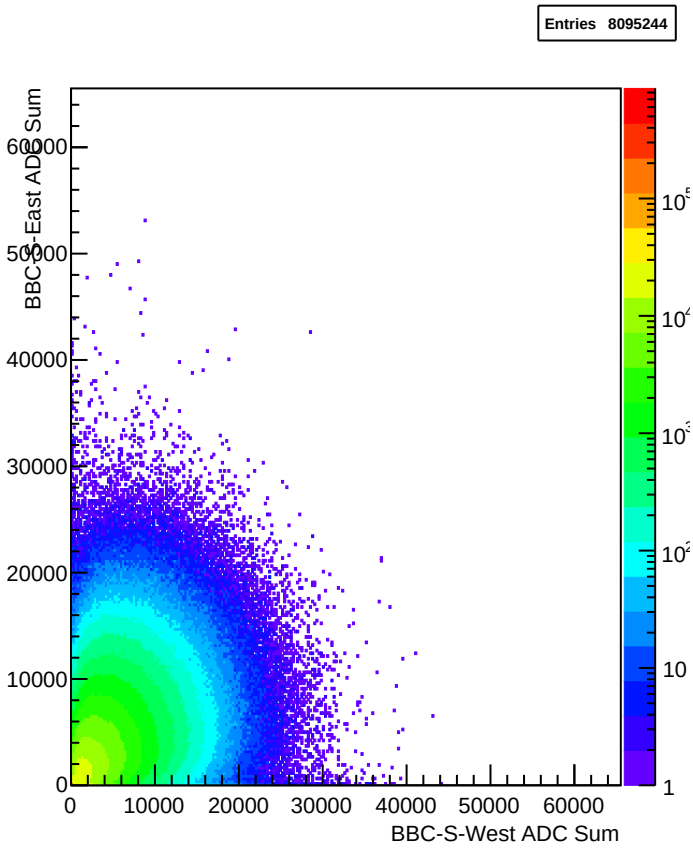

Entries 8095244
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

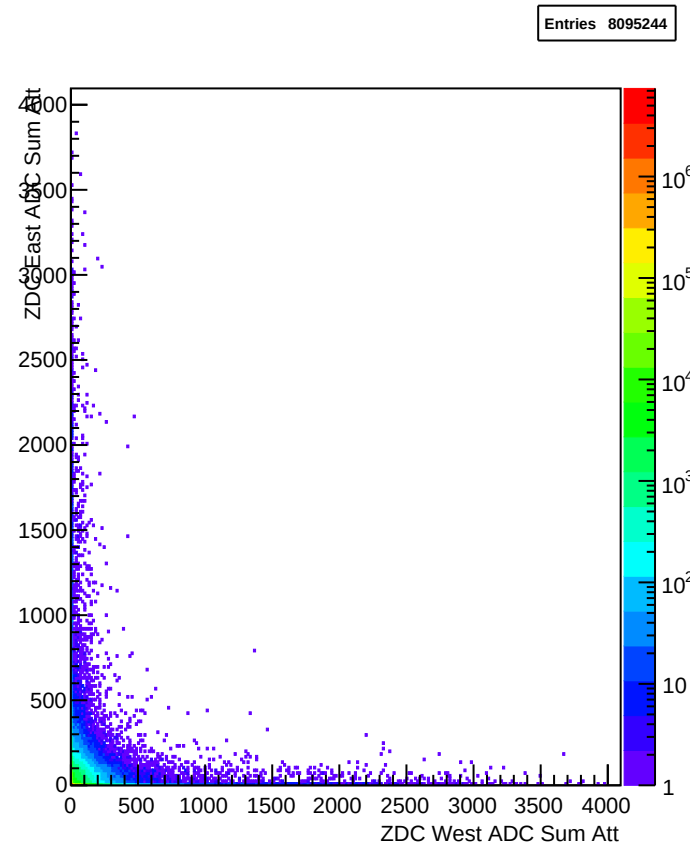

Entries 8095244
BBC-S-East ADC Sum
VPD-East ADC Sum

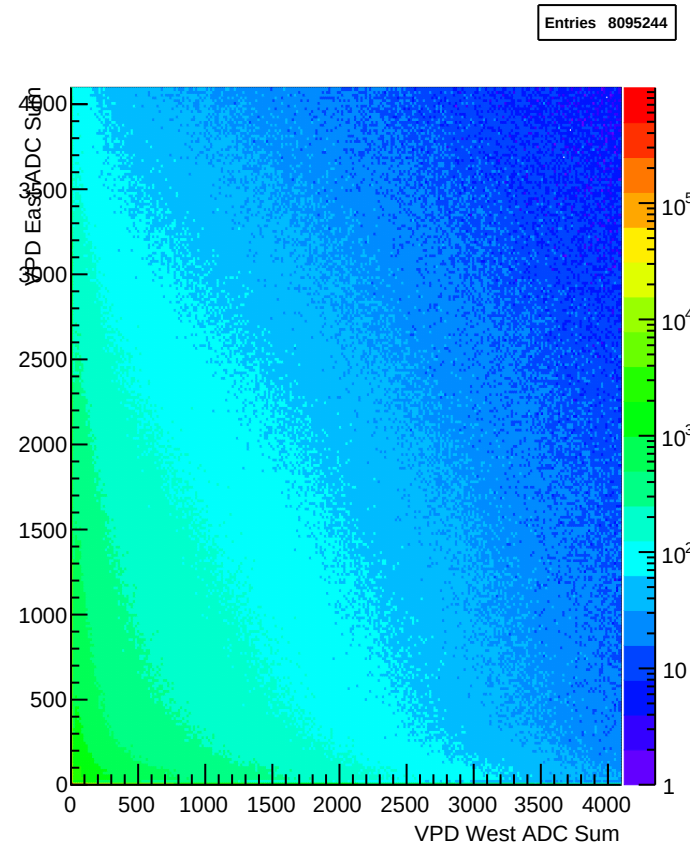

Entries 8095244
BBC-S-West ADC Sum
VPD-West ADC Sum

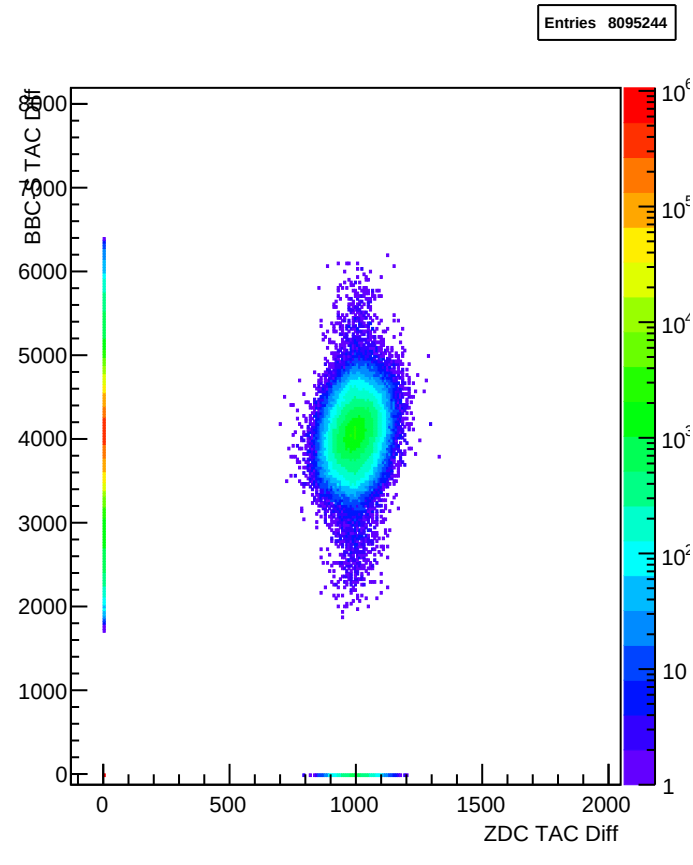

Entries 8095244
VPD-East ADC Sum
ZDC-East ADC Sum Att

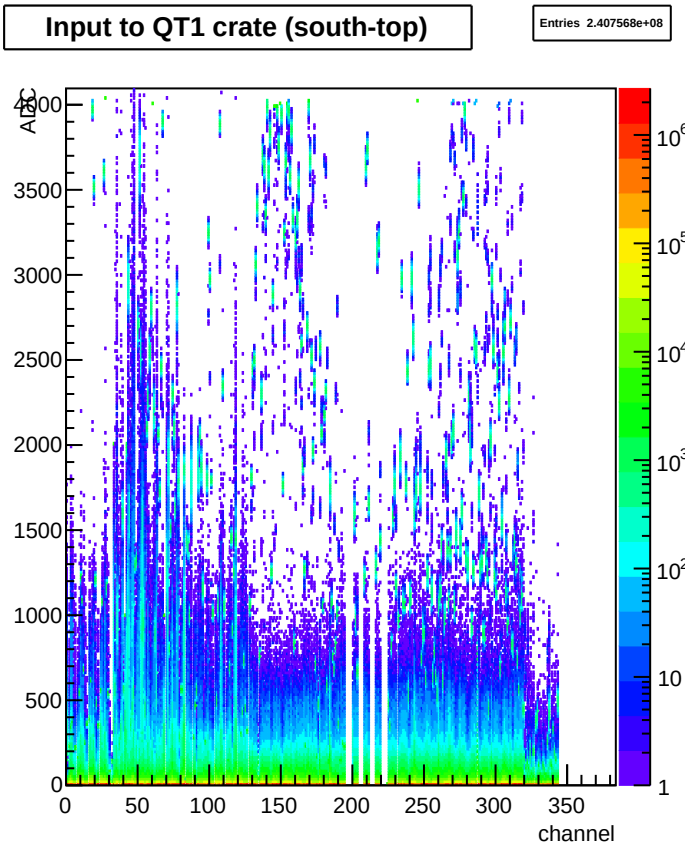

Entries 8095244
VPD-West ADC Sum
ZDC-West ADC Sum Att

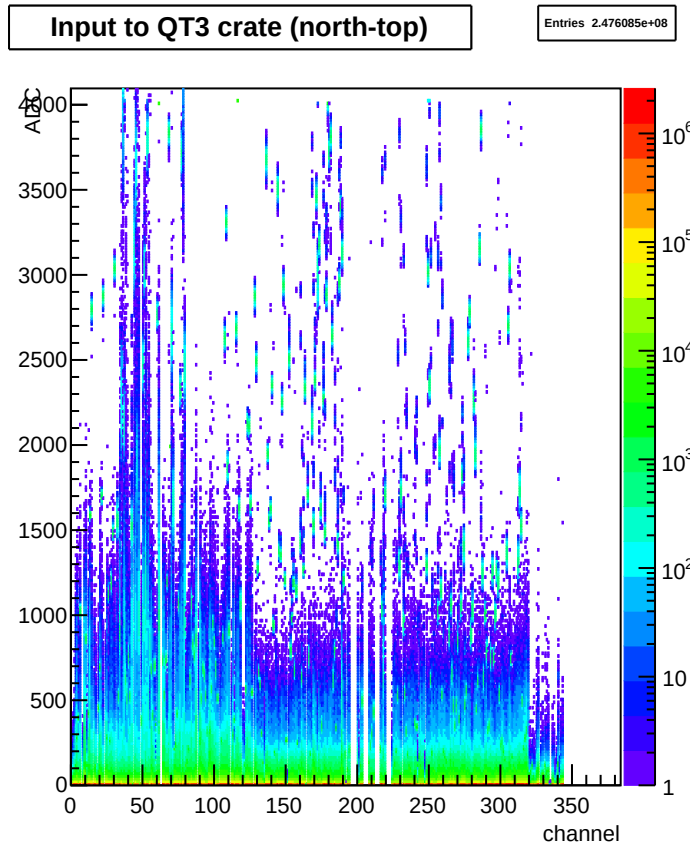

Entries 8095244
BBC-S-East ADC Sum
BBC-S-West ADC Sum

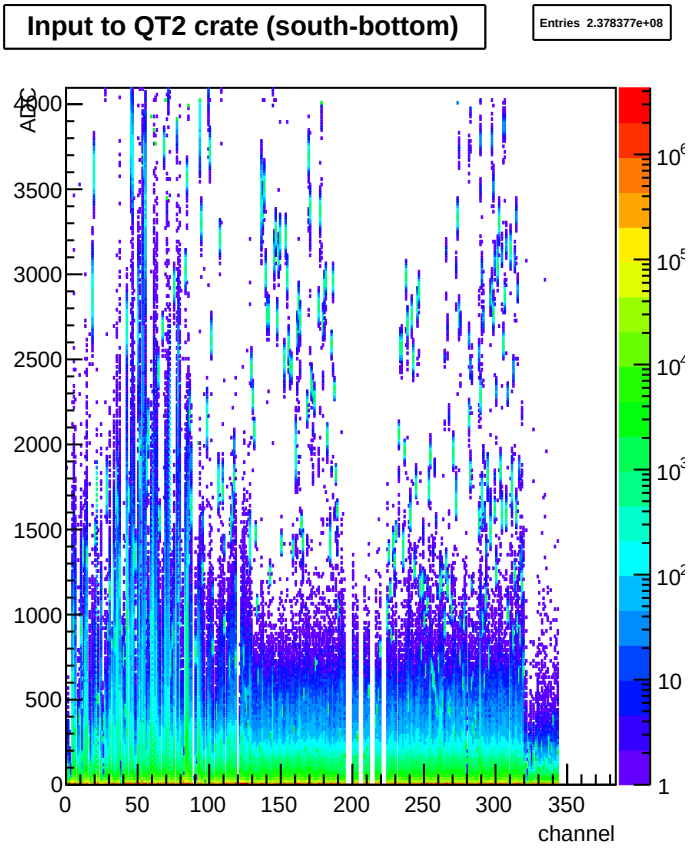

Entries 8095244
ZDC East ADC Sum Att
ZDC West ADC Sum Att

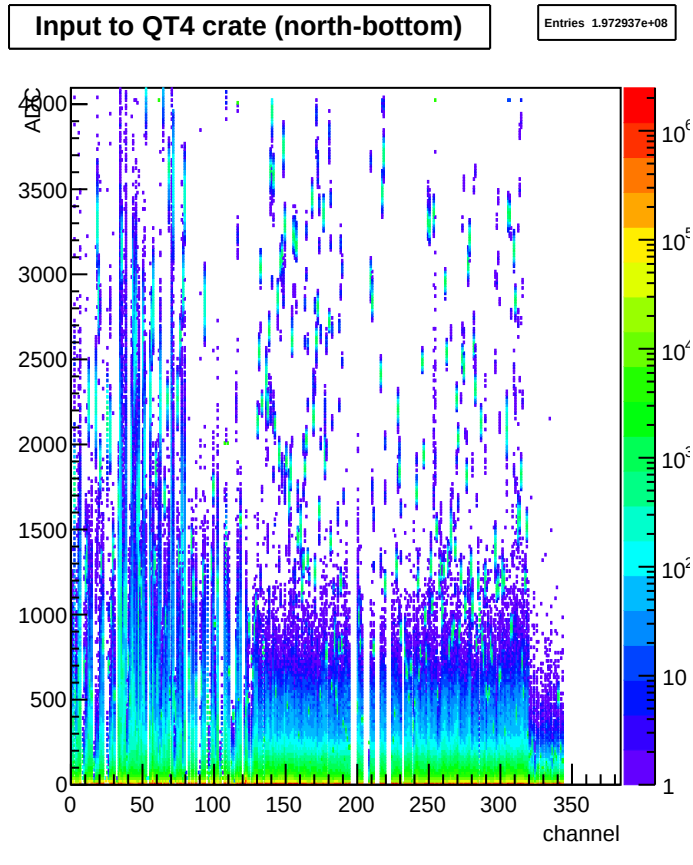

Entries 8095244
VPD East ADC Sum
VPD West ADC Sum

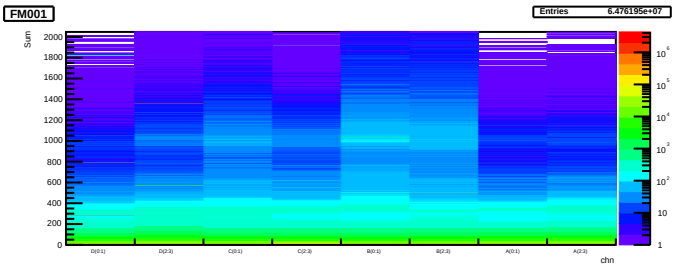

Entries 8095244
BBC-S TAC Diff
ZDC TAC Diff

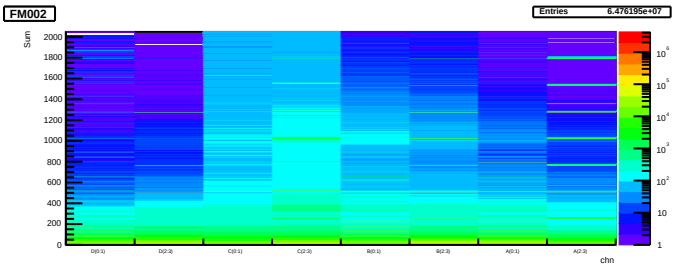

Input to QT1 crate (south-top)
Entries 2.407568e+08
ADC
channel

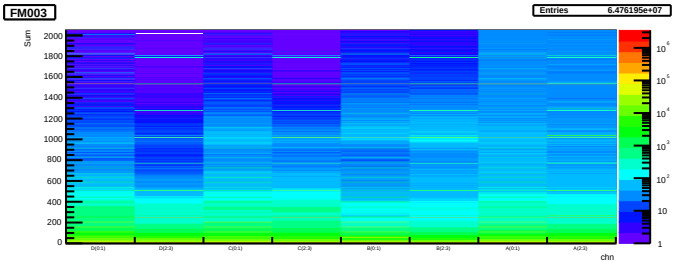

Input to QT3 crate (north-top)
Entries 2.476085e+08
ADC
channel

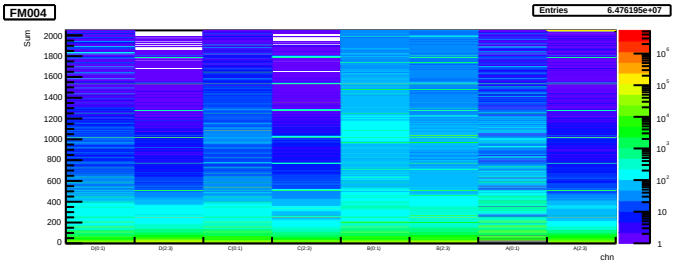

Input to QT2 crate (south-bottom)
Entries 2.378377e+08
ADC
channel

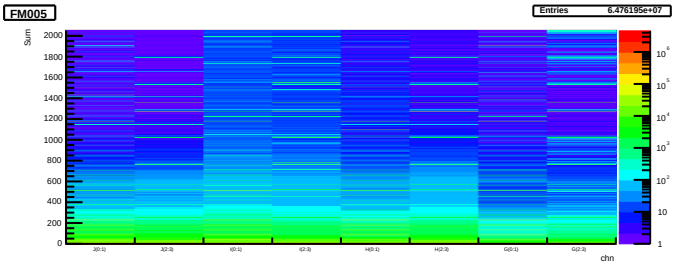

Input to QT4 crate (north-bottom)
Entries 1.972937e+08
ADC
channel

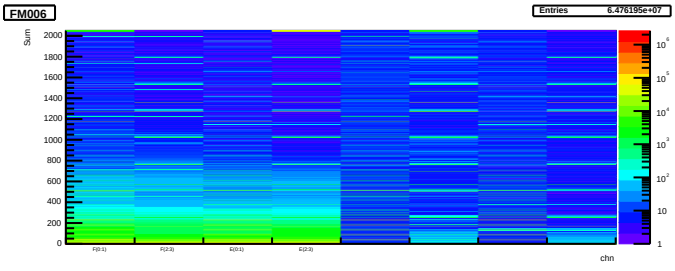

FM001
Entries 6.476195e+07
Sum
chn


FM002
Entries 6.476195e+07
Sum
chn


FM003
Entries 6.476195e+07
Sum
chn


FM004
Entries 6.476195e+07
Sum
chn


FM005
Entries 6.476195e+07
Sum
chn


FM006
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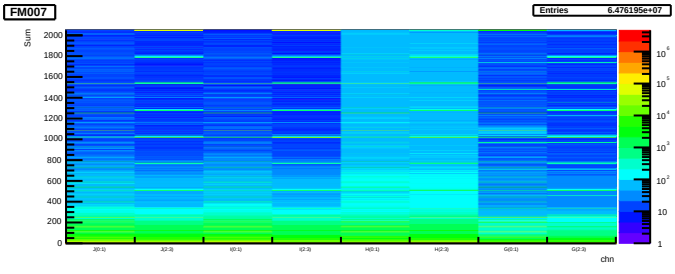
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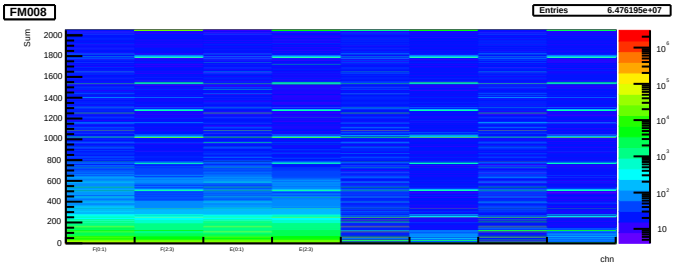
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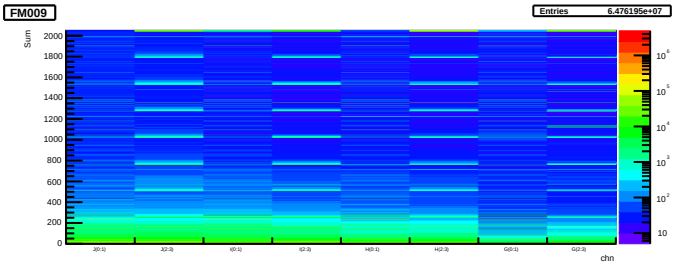
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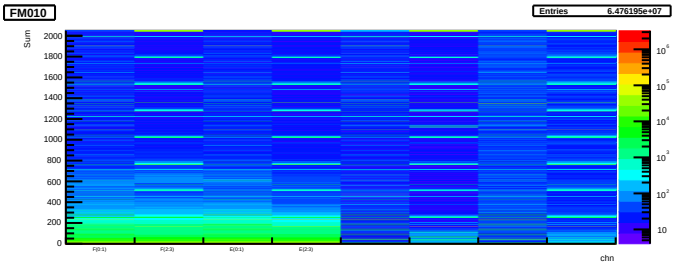
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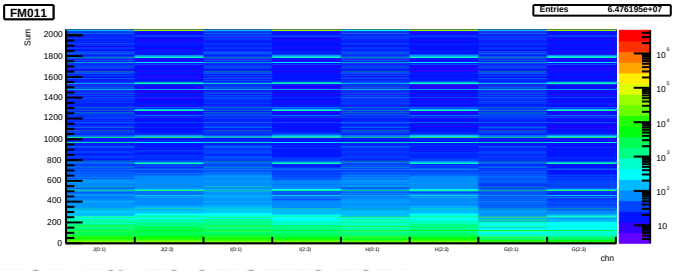
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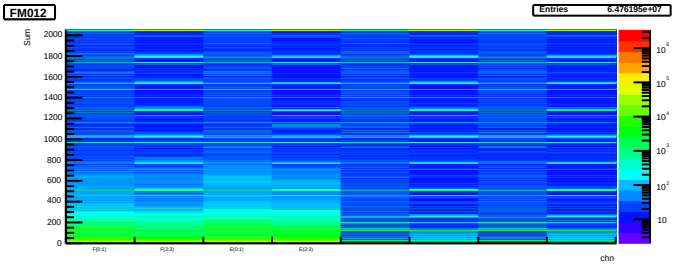
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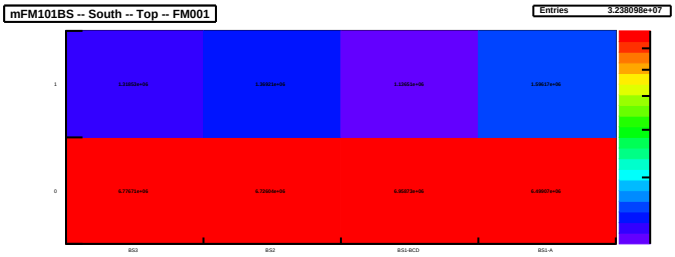
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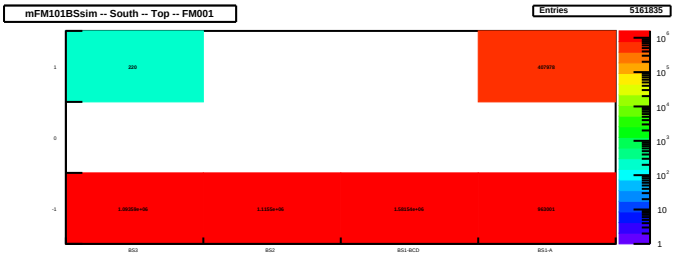
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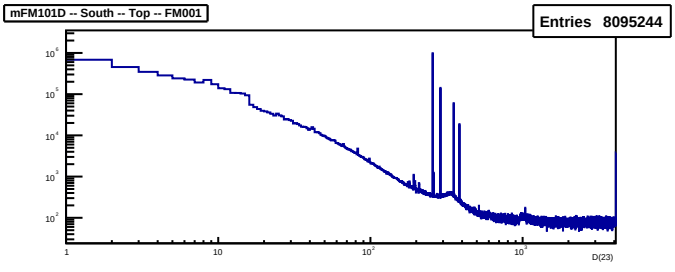
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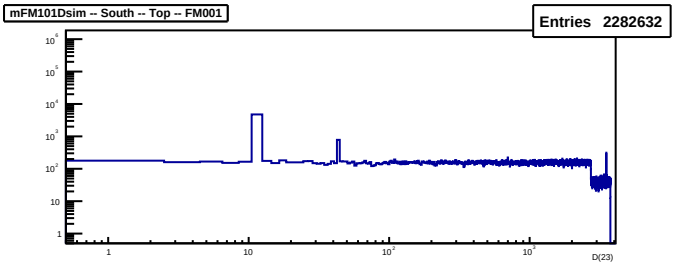
Entries 8095244
D(23)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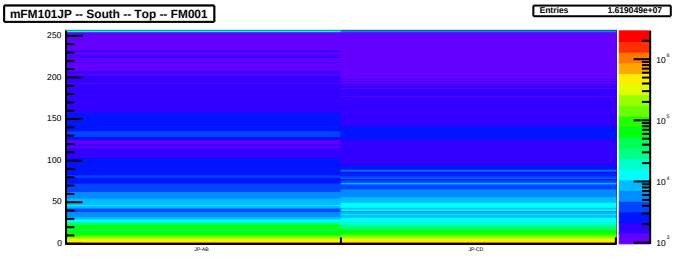
Entries 2282632
D(23)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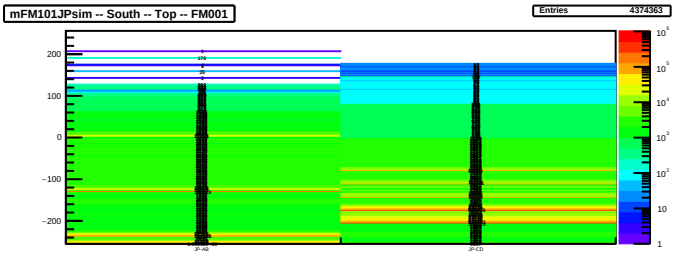
Entries 1.619049e+07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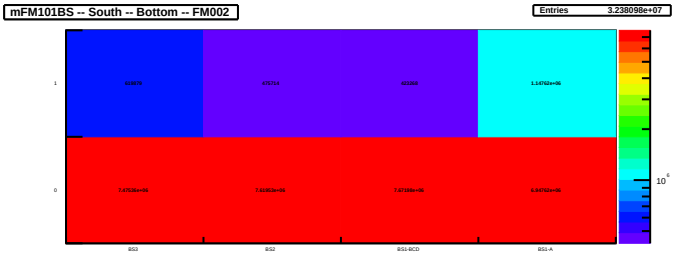
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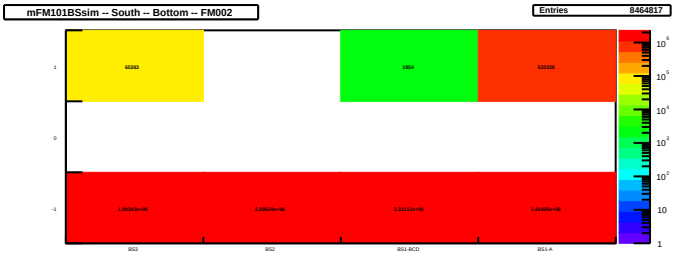
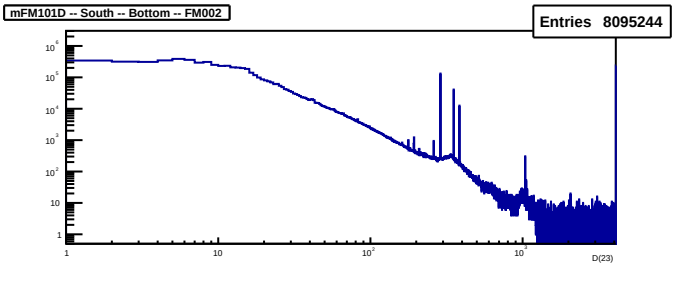
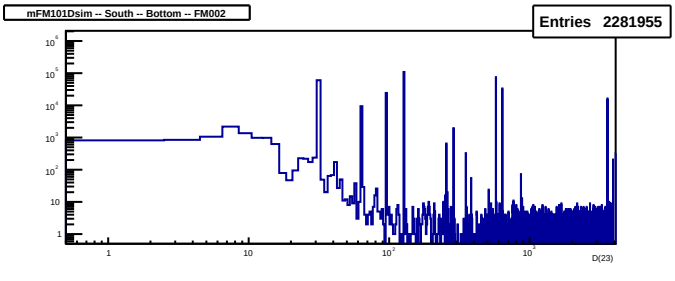
Entries 3.238098e+07


mFM101BSsim -- South -- Bottom -- FM002
Entries 8464817


mFM101D -- South -- Bottom -- FM002
Entries 8095244
D(23)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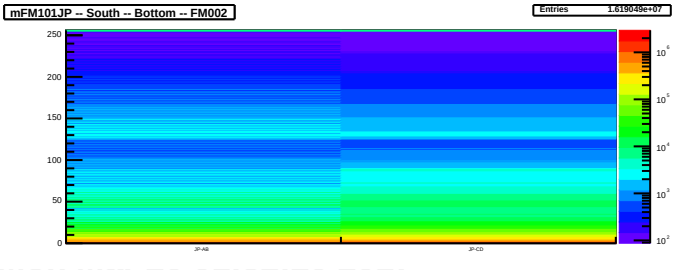
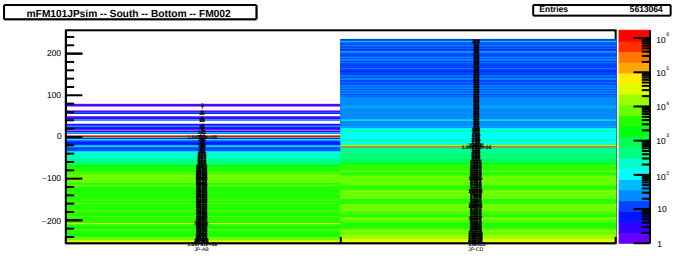
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 1.619049e+07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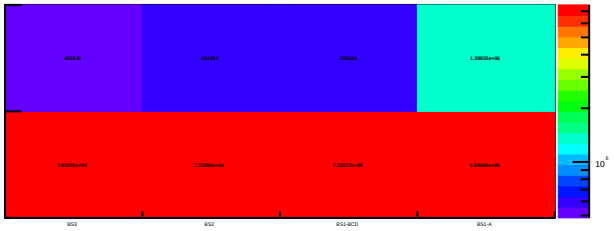

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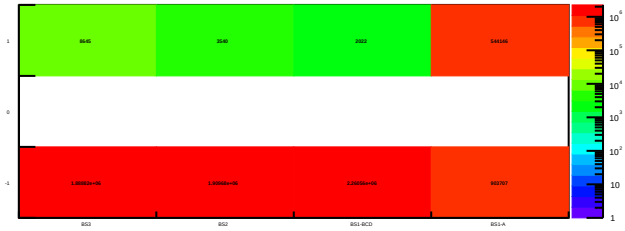

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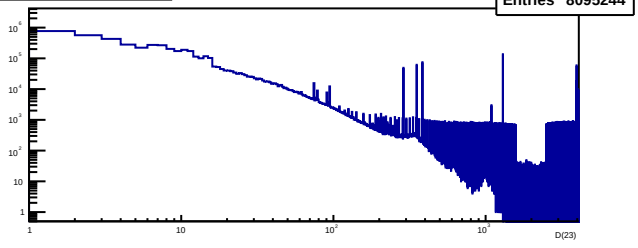

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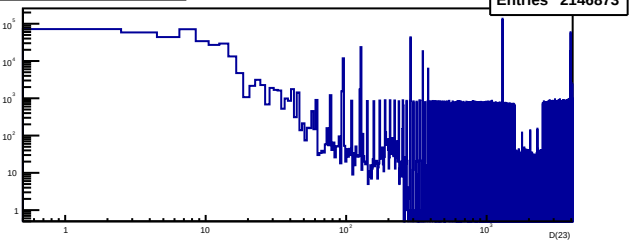

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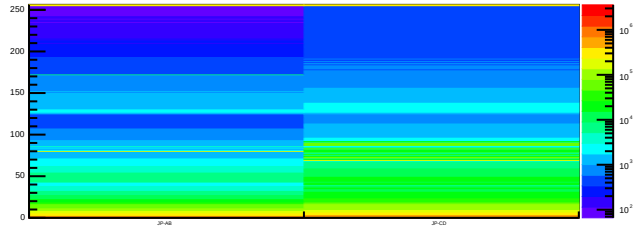

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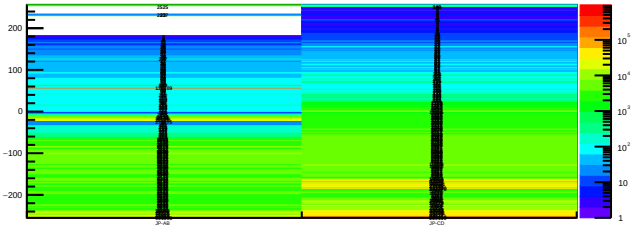

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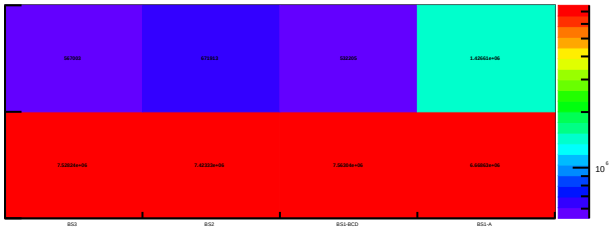

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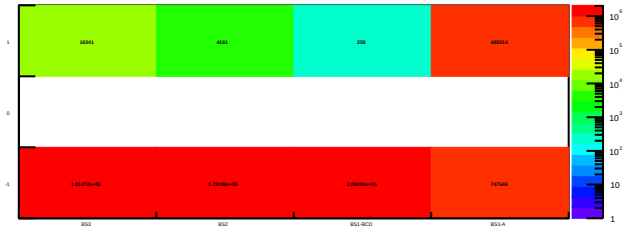

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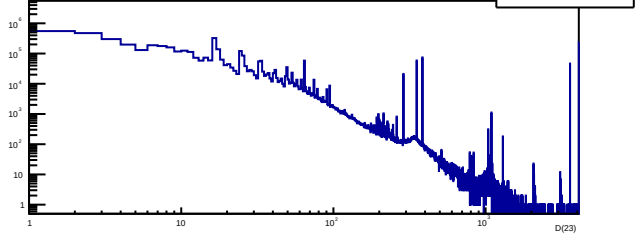

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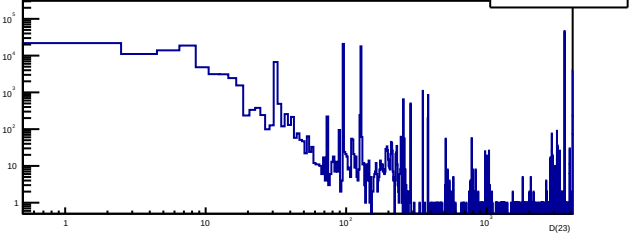

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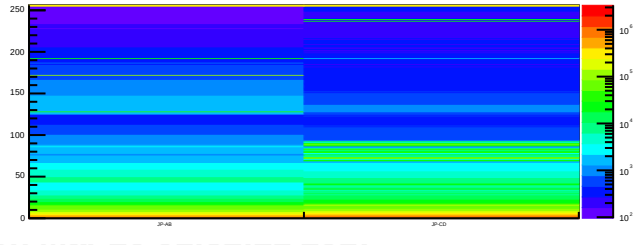

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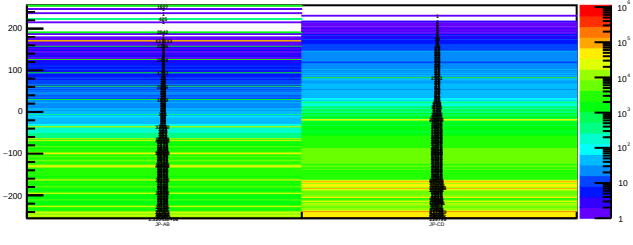

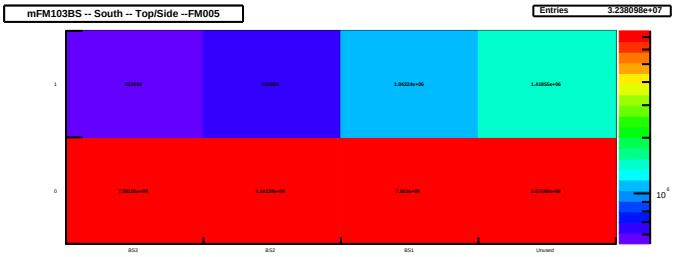
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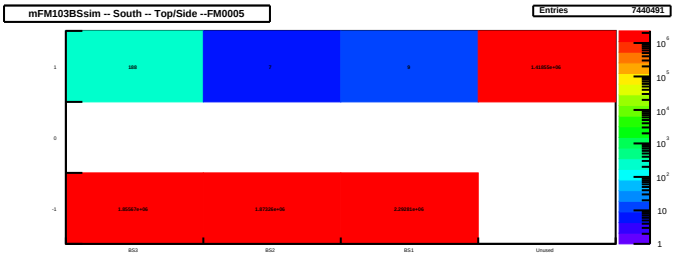
Entries 3.238098e+07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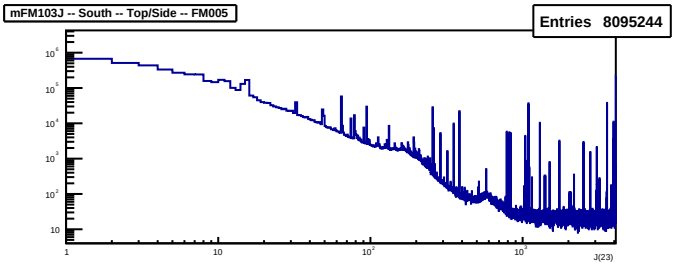
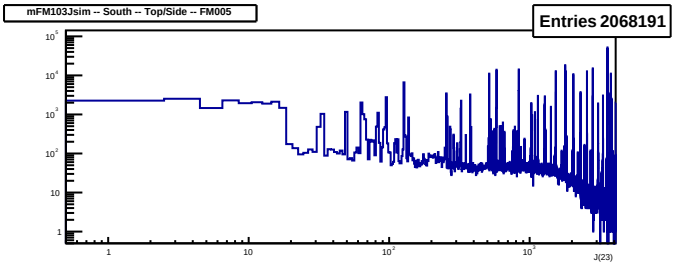

mFM103J -- South -- Top/Side -- FM005
Entries 8095244
J(23)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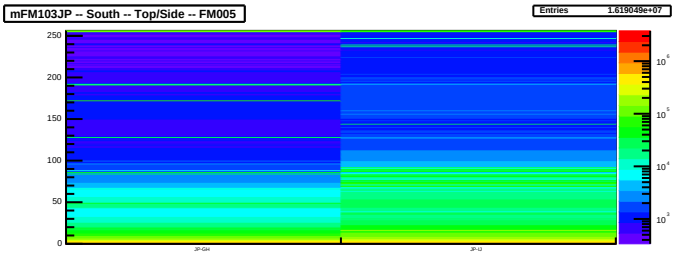
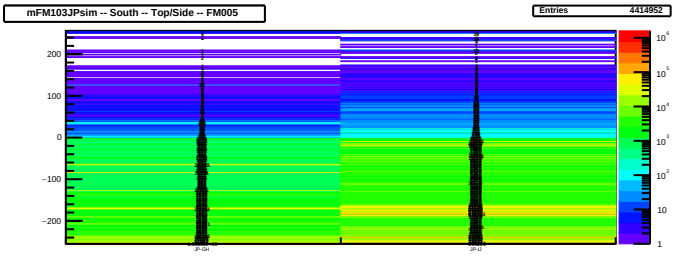

mFM103JP -- South -- Top/Side -- FM005
Entries 1.619049e+07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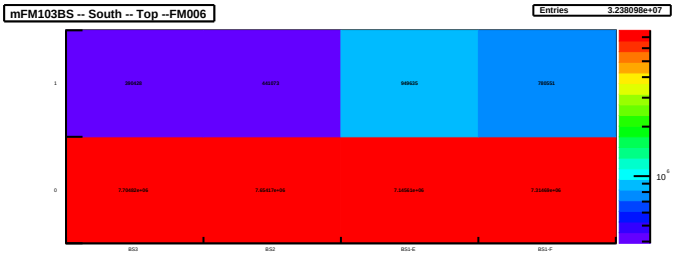
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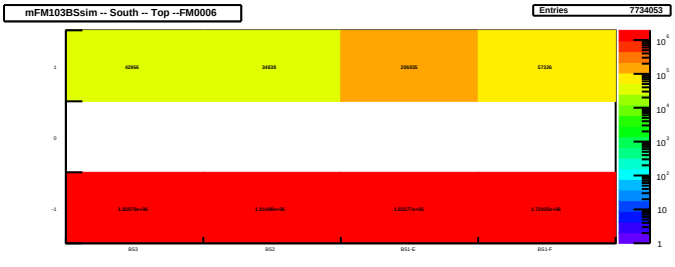
Entries 3.238098e+07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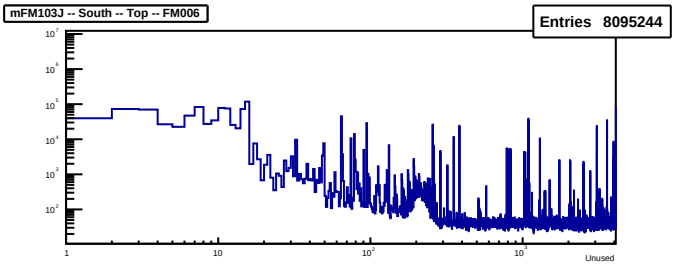
mFM103J -- South -- Top -- FM006
Entries 8095244
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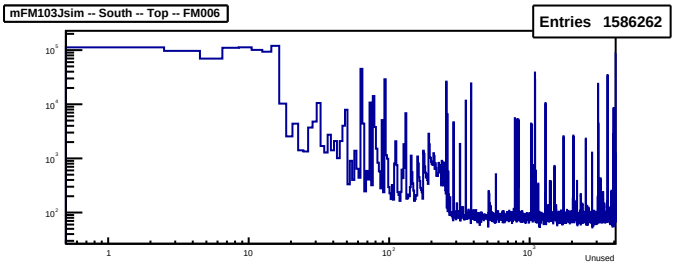
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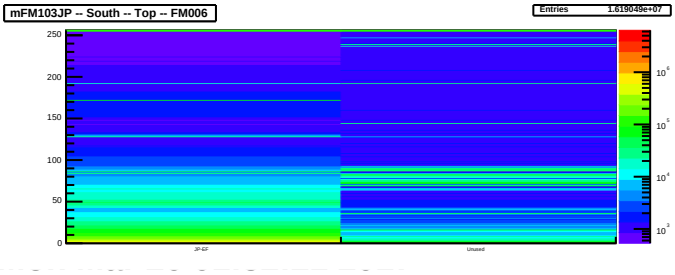
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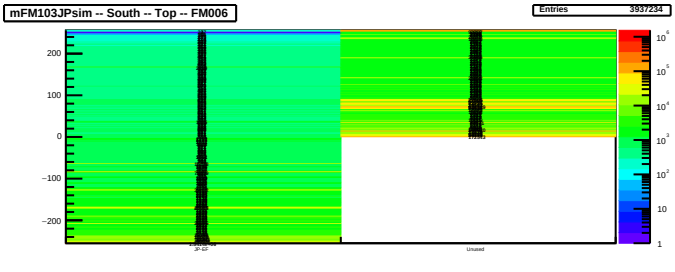
Entries 1.619049e+07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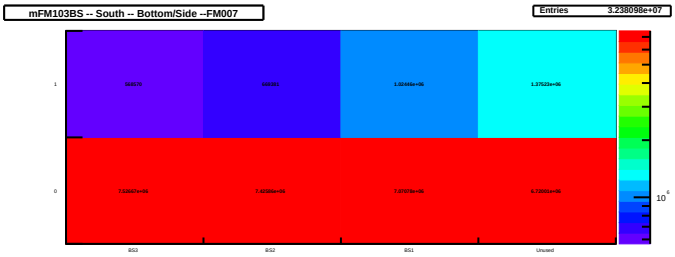
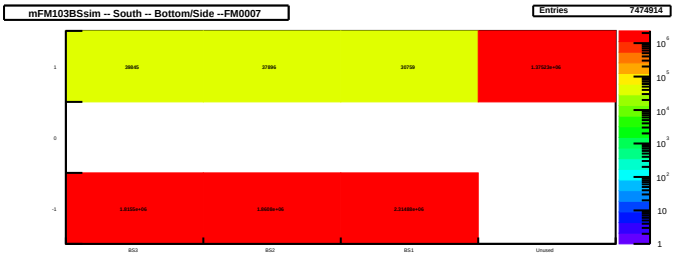

mFM103BS -- South -- Bottom/Side --FM007
Entries 3.238098e+07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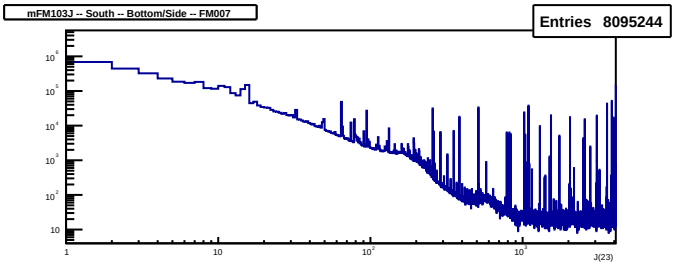
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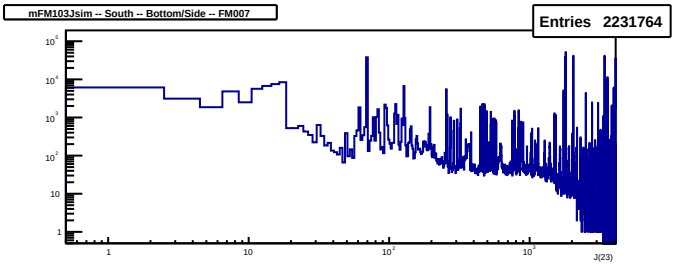
Entries 8095244
J(23)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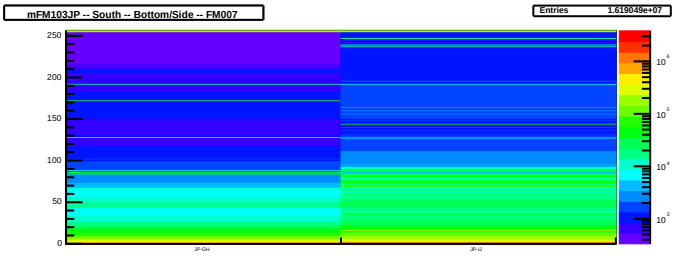
J(23)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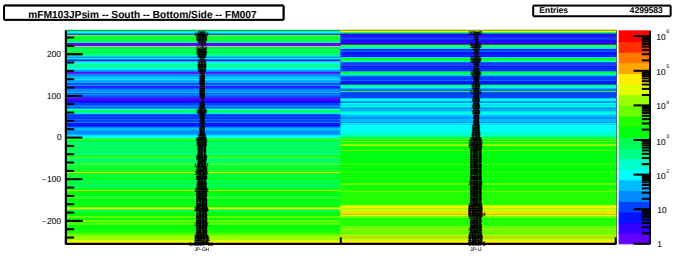
Entries 1.619049e+07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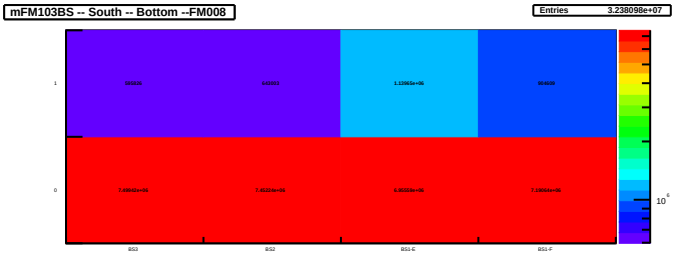
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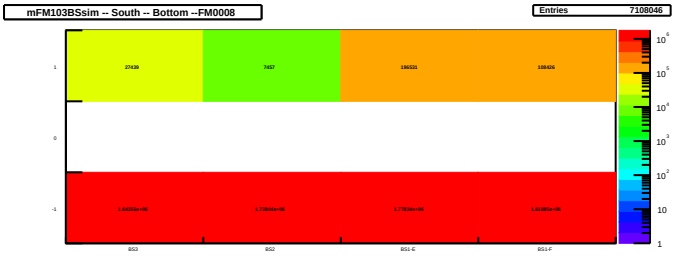
Entries 3.238098e+07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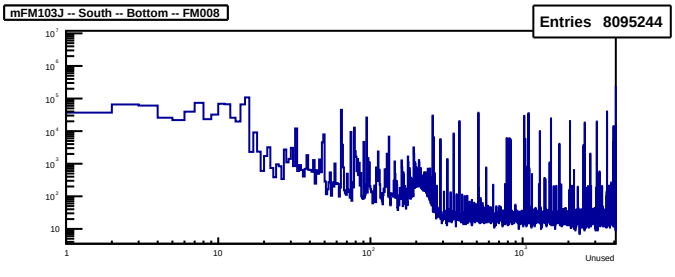
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Entries 8095244
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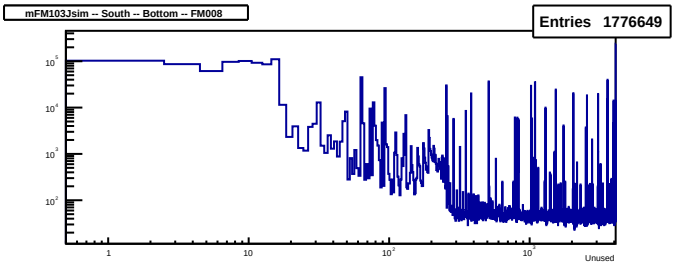
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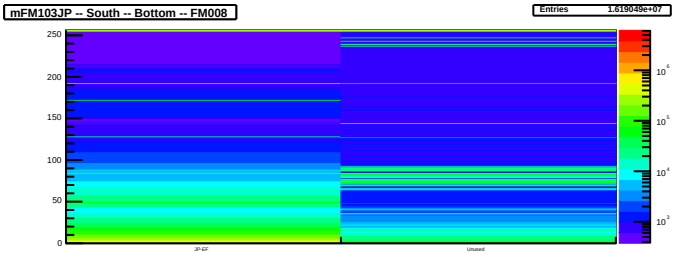
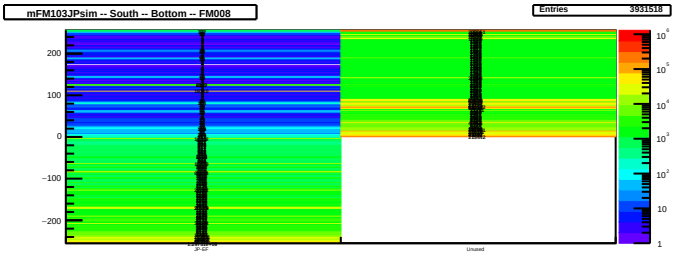
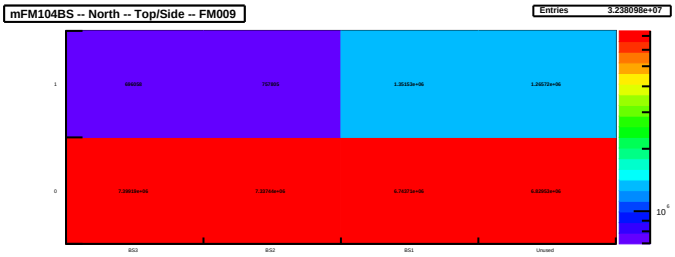
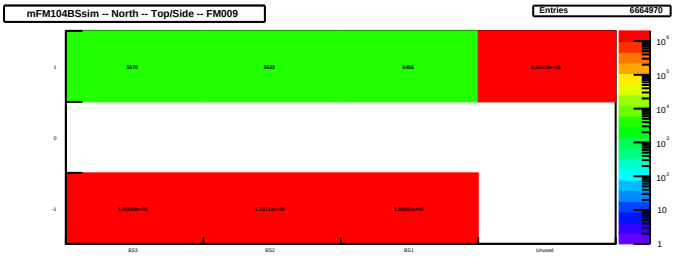
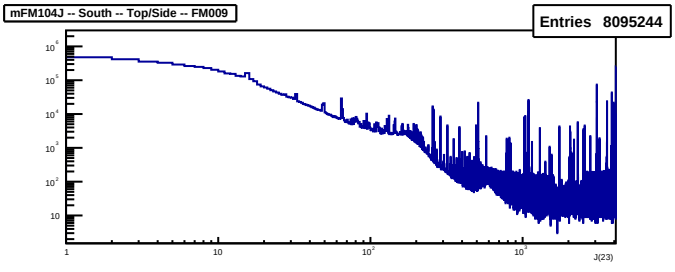
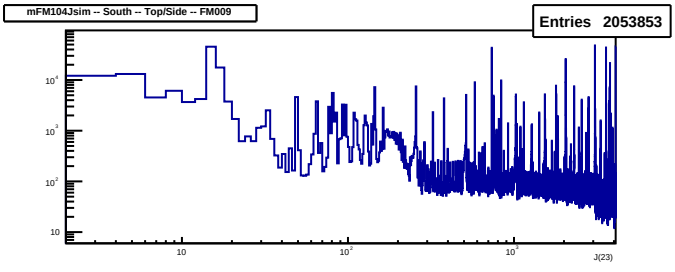

mFM103JP -- South -- Bottom -- FM008
Entries 1.619049e+07

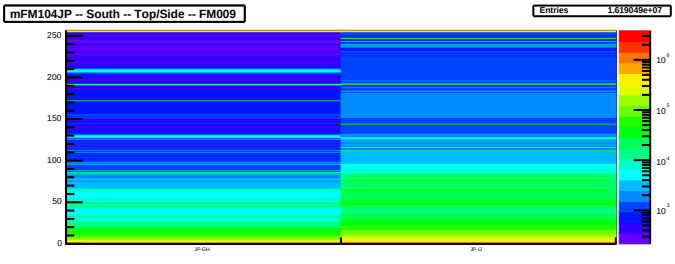

mFM103JPsim -- South -- Bottom -- FM008
Entries 3931518

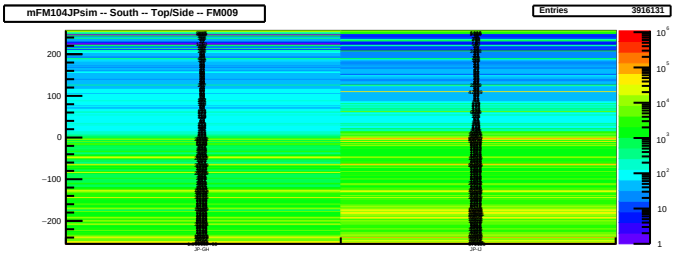

mFM104BS -- North -- Top/Side -- FM009
Entries 3.238098e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 6664970


mFM104J -- South -- Top/Side -- FM009
Entries 8095244
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 2053853
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.619049e+07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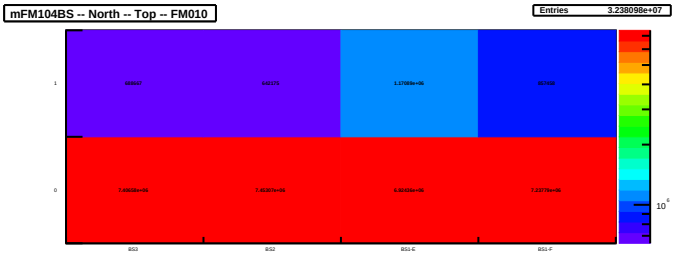
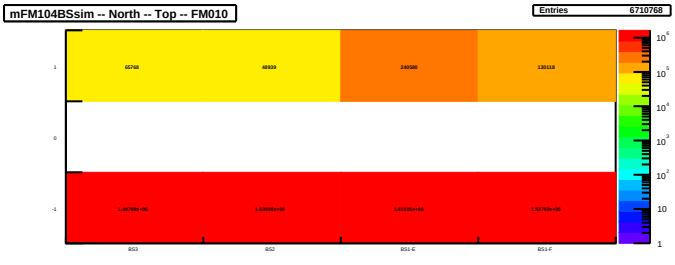
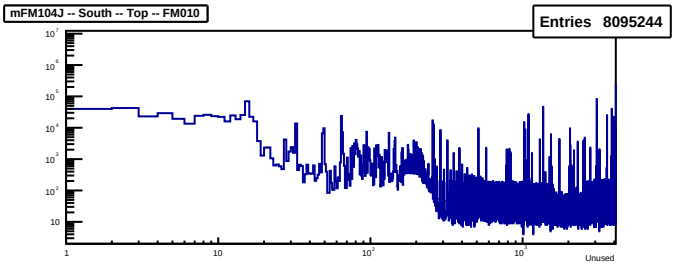
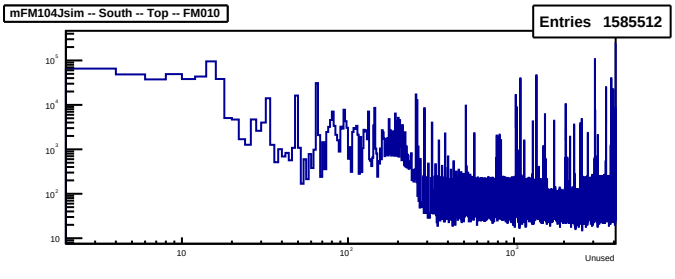
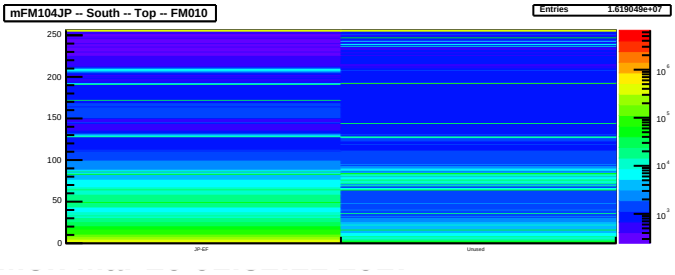
Entries 3916131

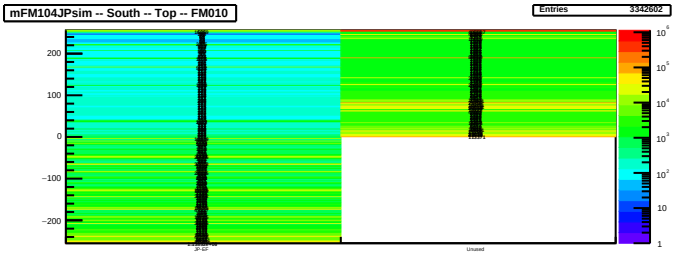

mFM104BS -- North -- Top -- FM010
Entries 3.238098e+07

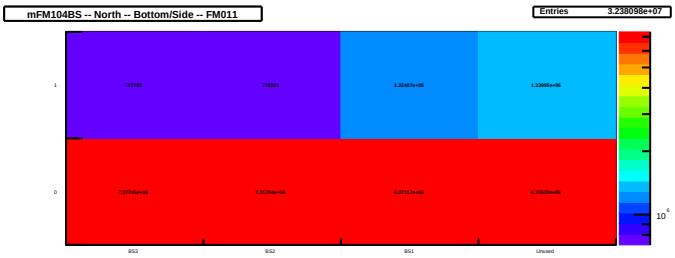

mFM104BSsim -- North -- Top -- FM010
Entries 6710768

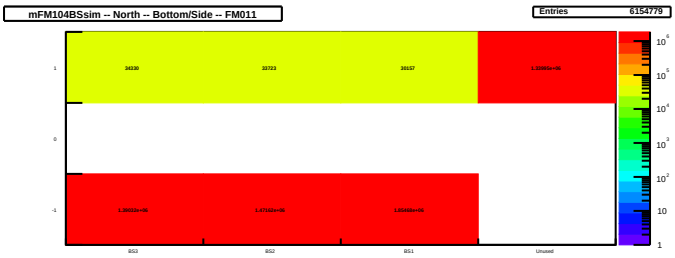

mFM104J -- South -- Top -- FM010
Entries 8095244
Unused

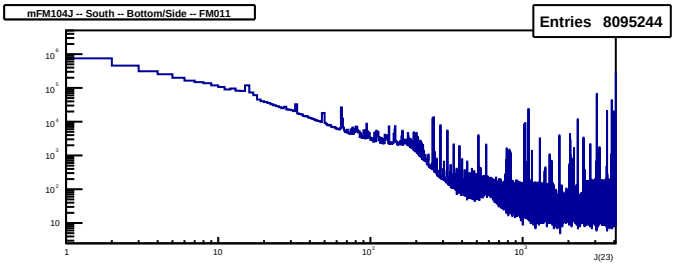

mFM104Jsim -- South -- Top -- FM010
Entries 1585512
Unused

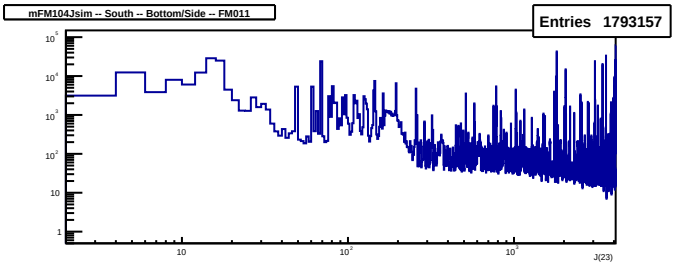

mFM104JP -- South -- Top -- FM010
Entries 1.619049e+07

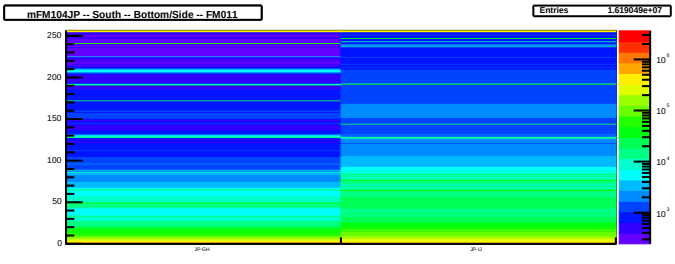

mFM104JPsim -- South -- Top -- FM010
Entries 3342602

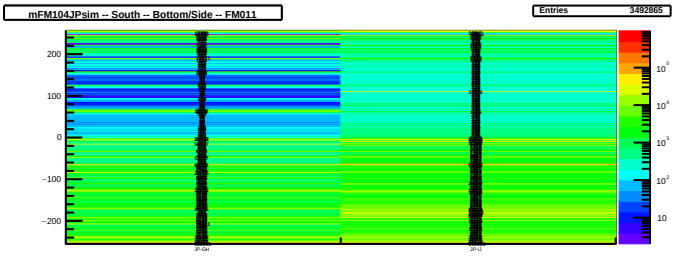

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3.238098e+07

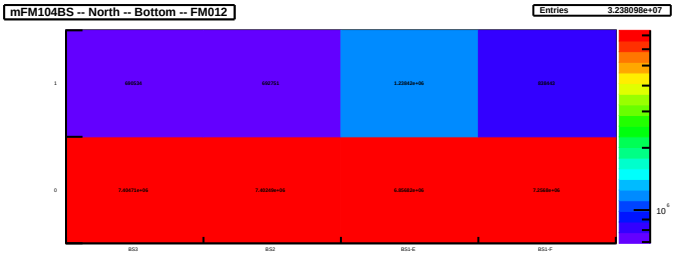

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 6154779

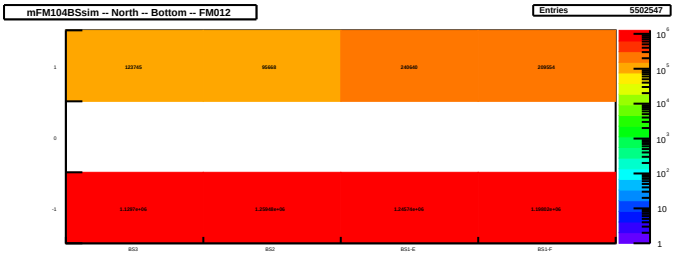

mFM104J -- South -- Bottom/Side -- FM011
Entries 8095244
J(23)

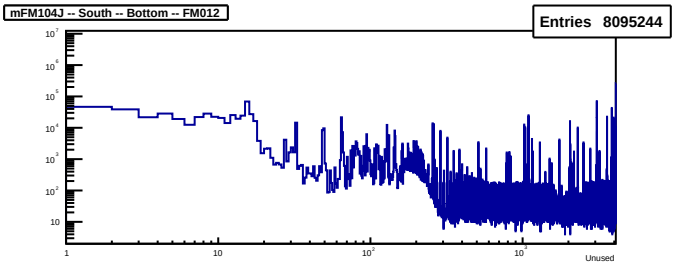

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1793157
J(23)

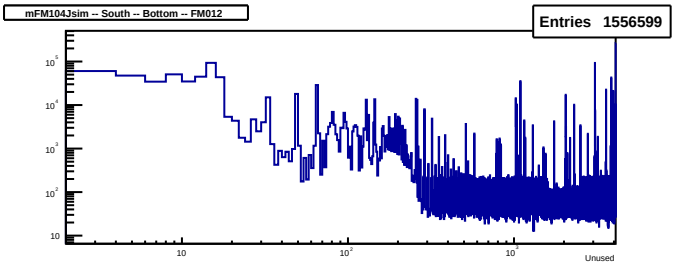

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.619049e+07

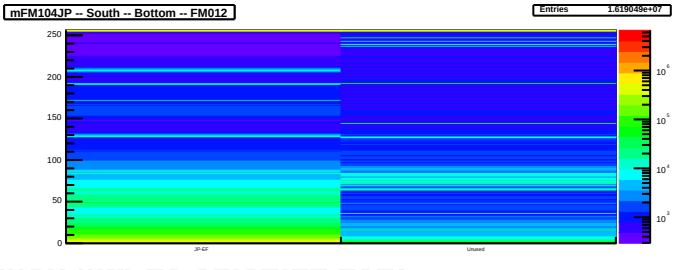

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3492865

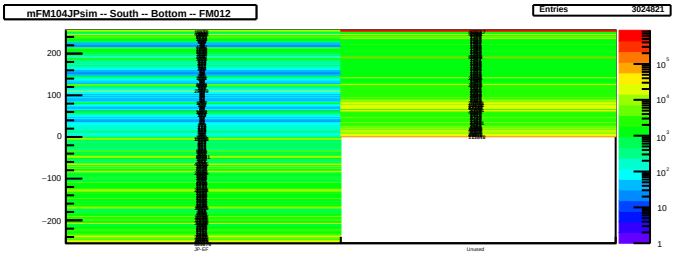

mFM104BS -- North -- Bottom -- FM012
Entries 3.238098e+07

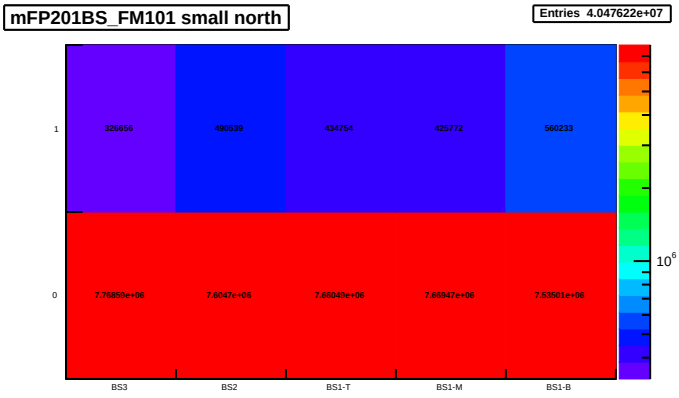

mFM104BSsim -- North -- Bottom -- FM012
Entries 5502547

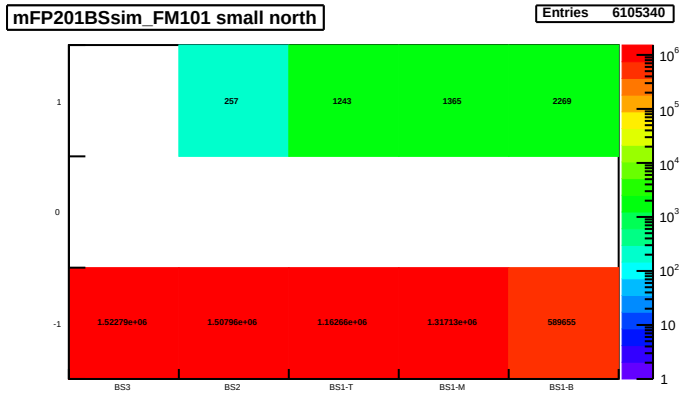

mFM104J -- South -- Bottom -- FM012
Entries 8095244
Unused

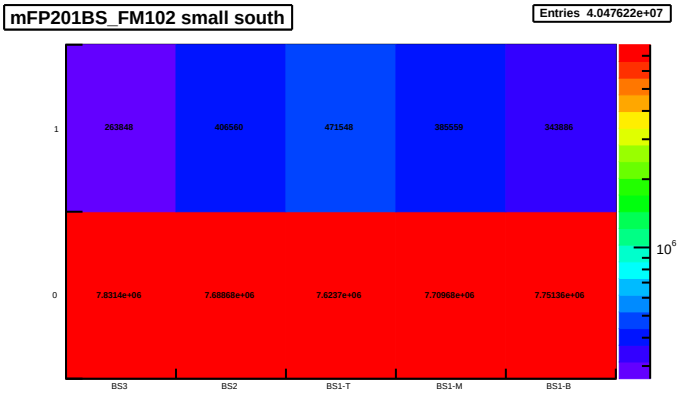

mFM104Jsim -- South -- Bottom -- FM012
Entries 1556599
Unused

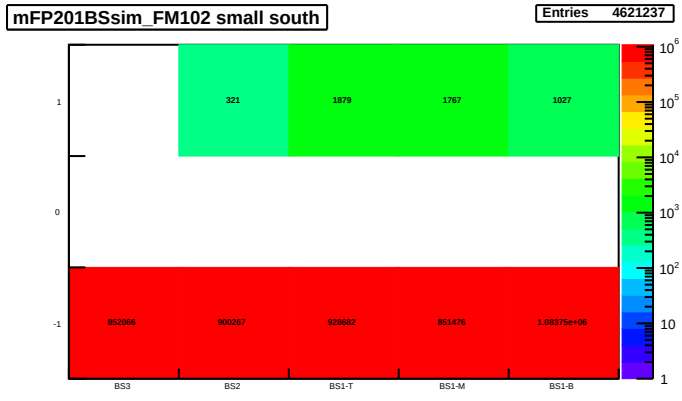

mFM104JP -- South -- Bottom -- FM012
Entries 1.619049e+07

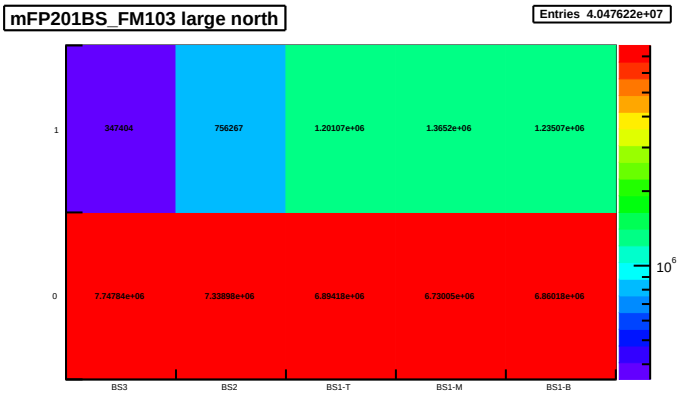

mFM104JPsim -- South -- Bottom -- FM012
Entries 3024821

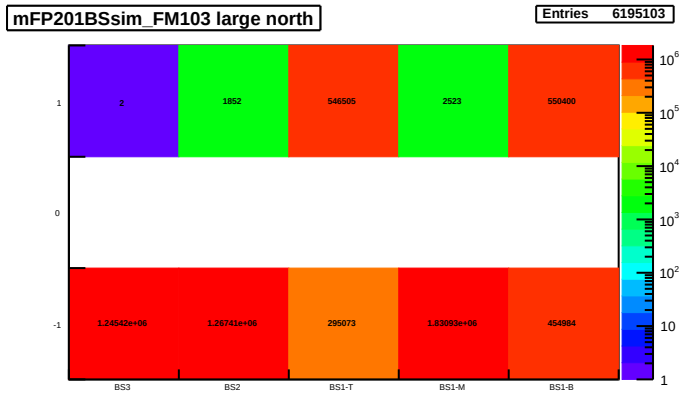

mFP201BS_FM101 small north
Entries 4.047622e+07
326656
490539
434754
425772
560233
7.76859e+06
7.6047e+06
7.66049e+06
7.66947e+06
7.53501e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

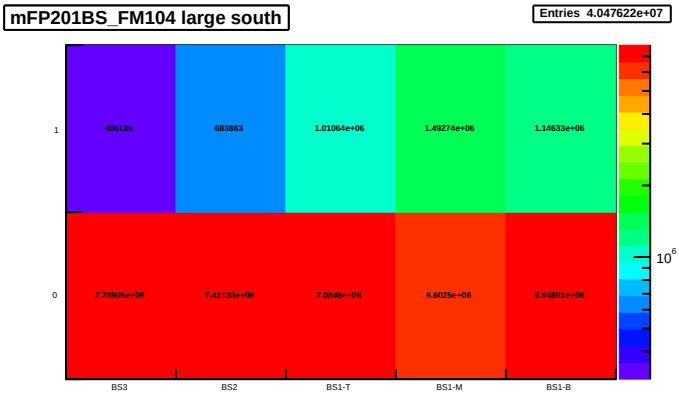

mFP201BSsim_FM101 small north
Entries 6105340
257
1243
1365
2269
1.52279e+06
1.50796e+06
1.16266e+06
1.31713e+06
589655
BS3
BS2
BS1-T
BS1-M
BS1-B

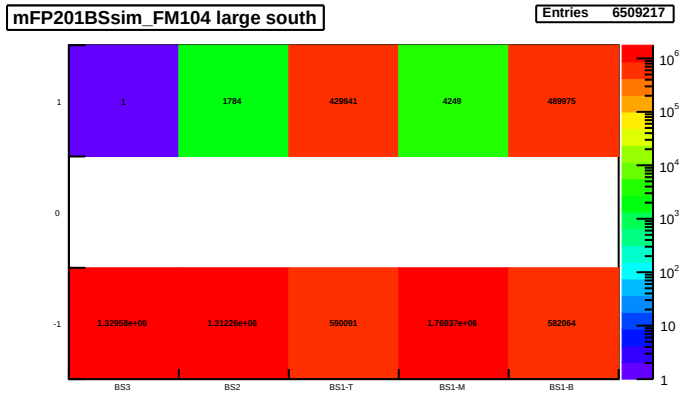

mFP201BS_FM102 small south
Entries 4.047622e+07
263848
406560
471548
385559
343886
7.8314e+06
7.68868e+06
7.6237e+06
7.70968e+06
7.75136e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

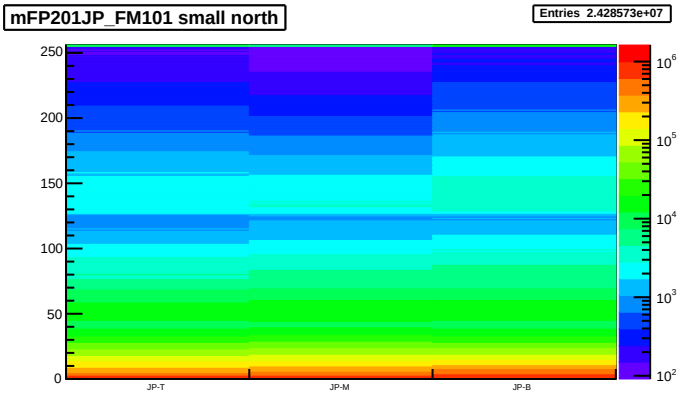

mFP201BSsim_FM102 small south
Entries 4621237
321
1879
1767
1027
852066
900267
928682
851476
1.08375e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

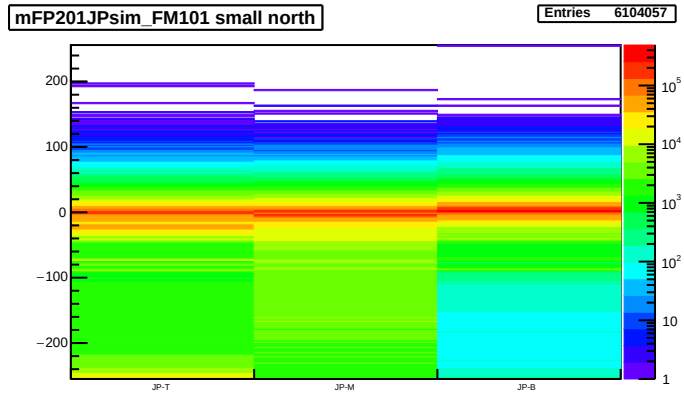

mFP201BS_FM103 large north
Entries 4.047622e+07
347404
756267
1.20107e+06
1.3652e+06
1.23507e+06
7.74784e+06
7.33898e+06
6.89418e+06
6.73005e+06
6.86018e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

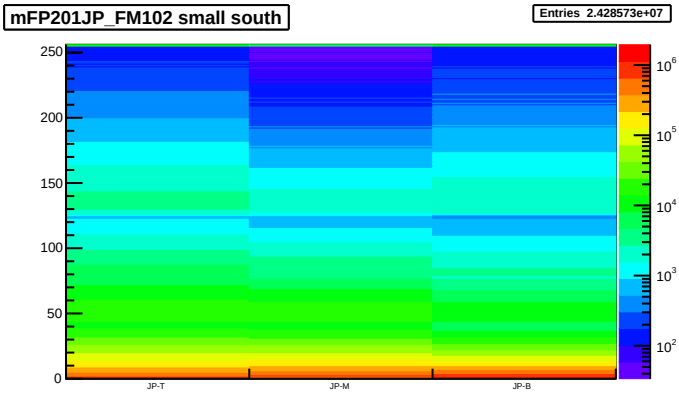

mFP201BSsim_FM103 large north
Entries 6195103
2
1852
546505
2523
550400
1.24542e+06
1.26741e+06
295073
1.83093e+06
454984
BS3
BS2
BS1-T
BS1-M
BS1-B

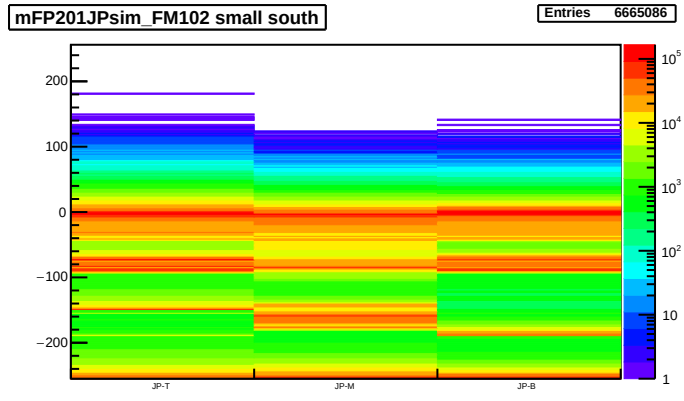

mFP201BS_FM104 large south
Entries 4.047622e+07
306186
683863
1.01064e+06
1.49274e+06
1.14633e+06
7.78906e+06
7.41138e+06
7.0846e+06
6.6025e+06
6.94891e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

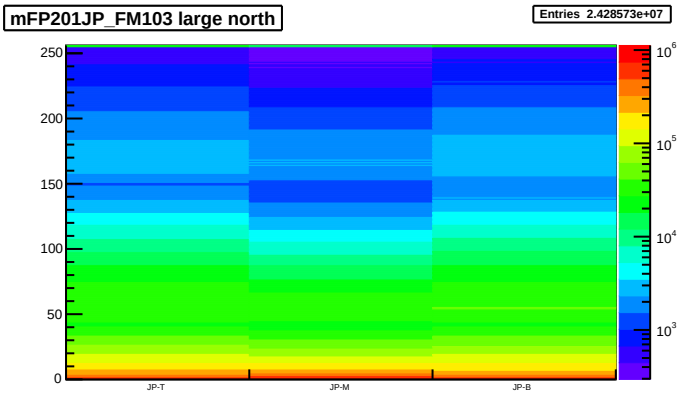

mFP201BSsim_FM104 large south
Entries 6509217
1
1784
429841
4249
489975
1.32958e+06
1.31226e+06
590091
1.76937e+06
582064
BS3
BS2
BS1-T
BS1-M
BS1-B

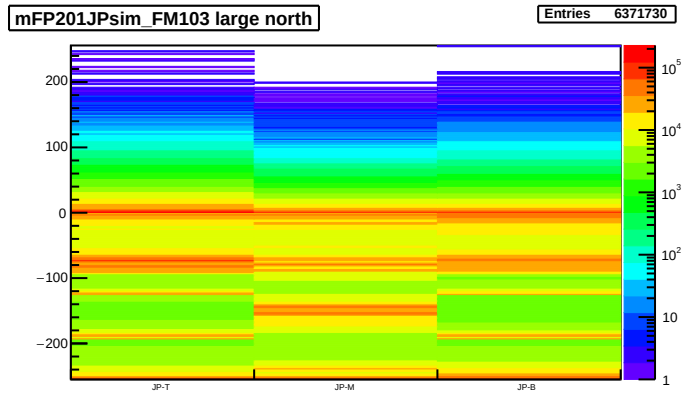

mFP201JP_FM101 small north
Entries 2.428573e+07
JP-T
JP-M
JP-B

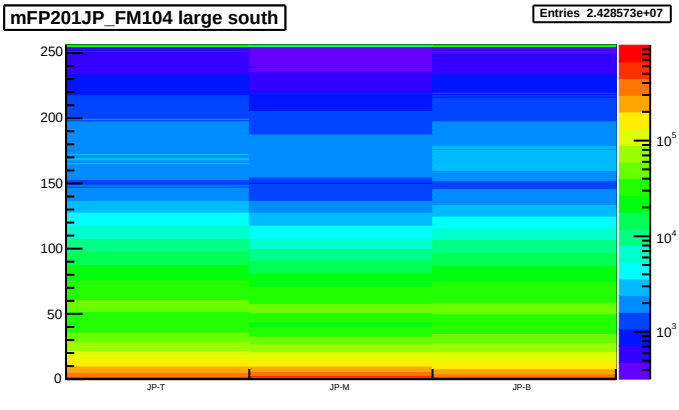

mFP201JPsim_FM101 small north
Entries 6104057
JP-T
JP-M
JP-B

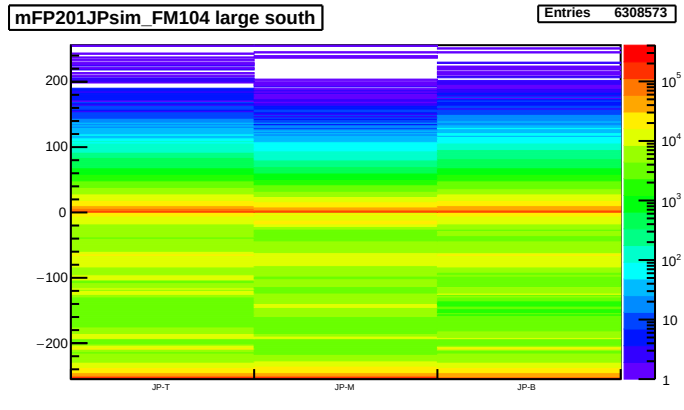

mFP201JP_FM102 small south
Entries 2.428573e+07
JP-T
JP-M
JP-B

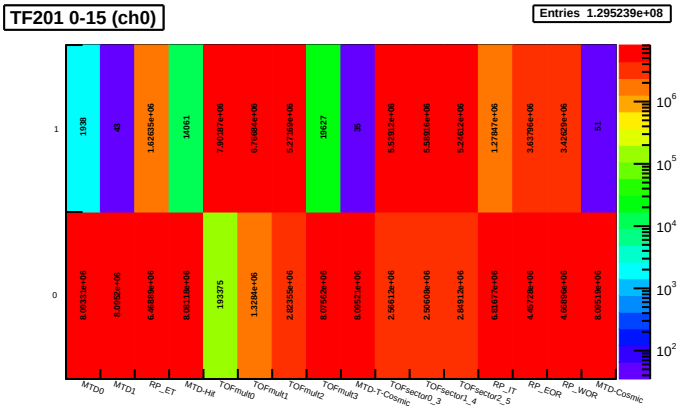

mFP201JPsim_FM102 small south
Entries 6665086
JP-T
JP-M
JP-B

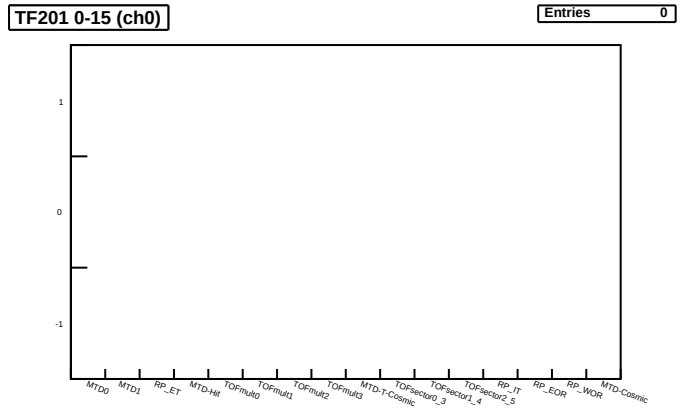

mFP201JP_FM103 large north
Entries 2.428573e+07
JP-T
JP-M
JP-B

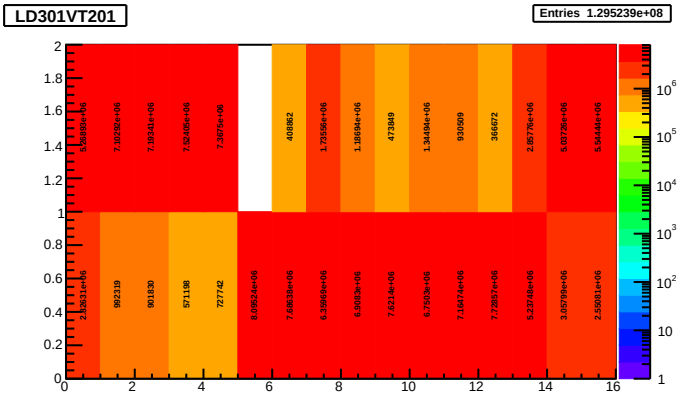

mFP201JPsim_FM103 large north
Entries 6371730
JP-T
JP-M
JP-B

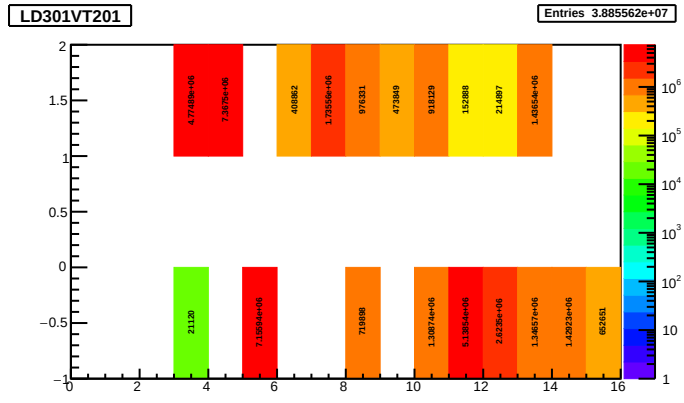

mFP201JP_FM104 large south
Entries 2.428573e+07
JP-T
JP-M
JP-B

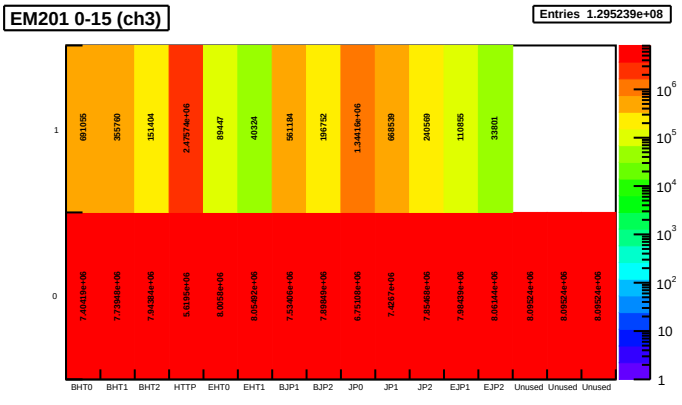

mFP201JPsim_FM104 large south
Entries 6308573
JP-T
JP-M
JP-B

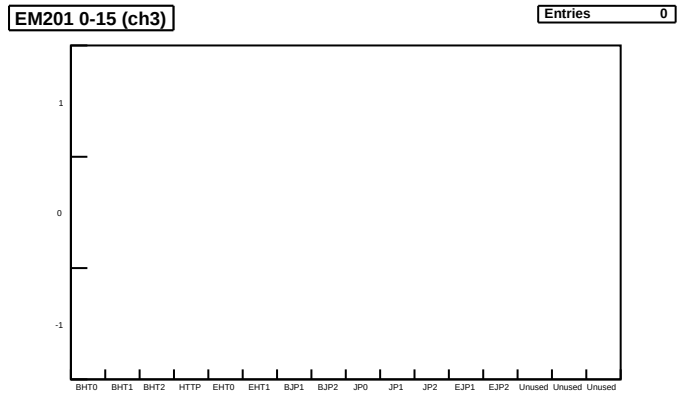

TF201 0-15 (ch0)
Entries 1.295239e+08
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 1.295239e+08


LD301VT201
Entries 3.885562e+07


EM201 0-15 (ch3)
Entries 1.295239e+08
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
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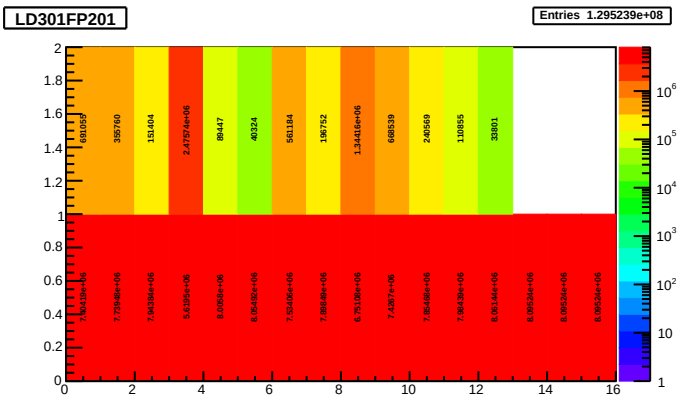
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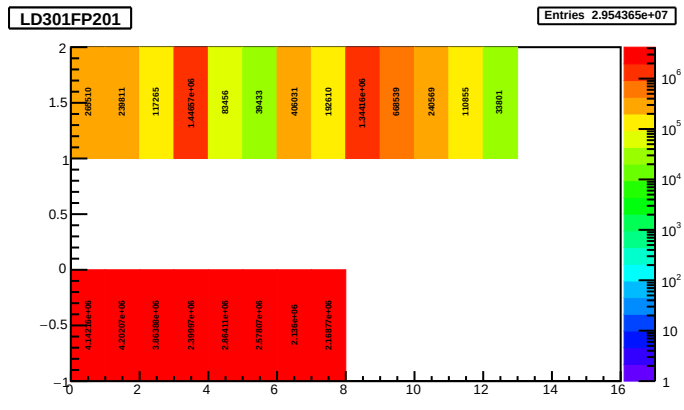
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