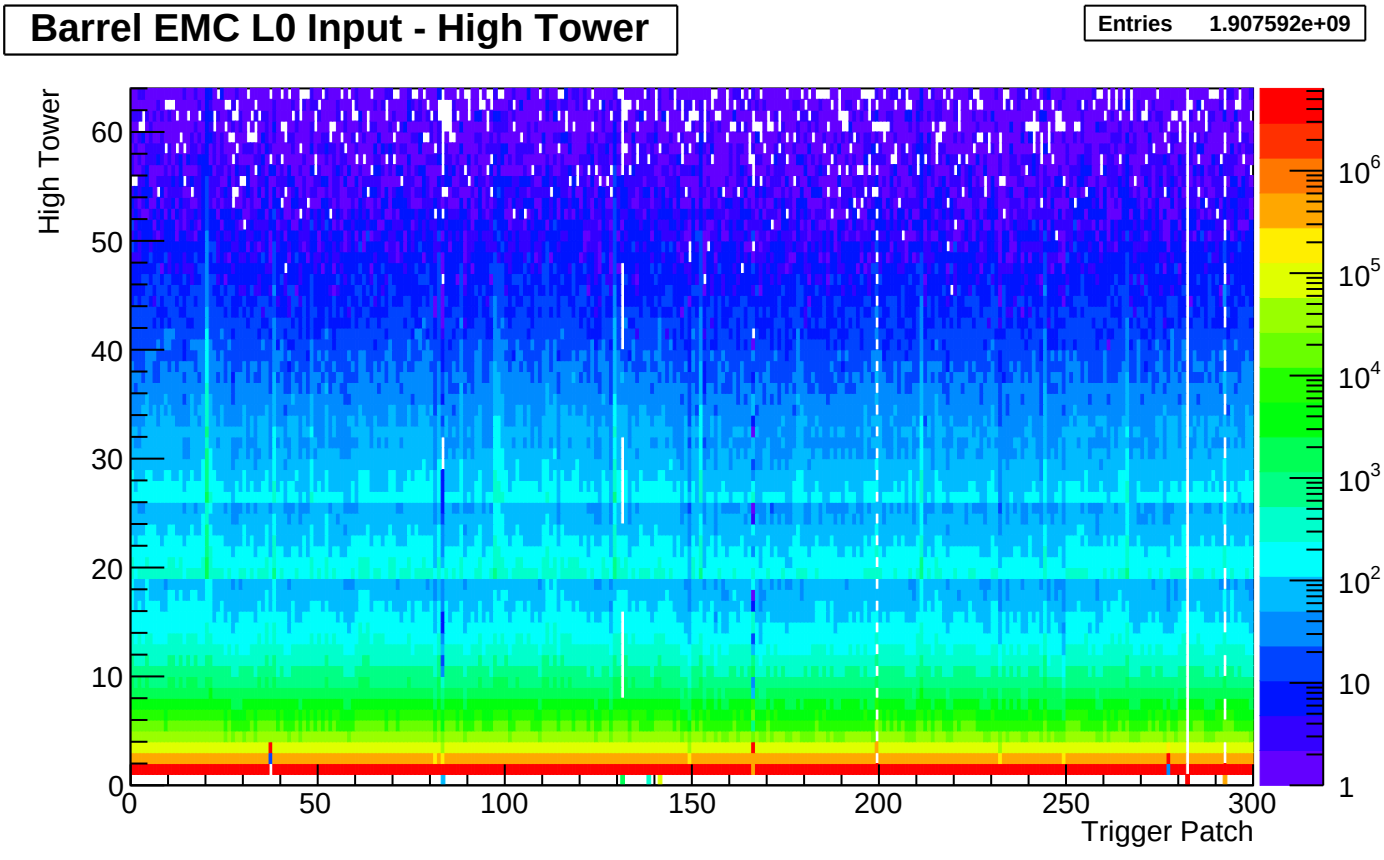
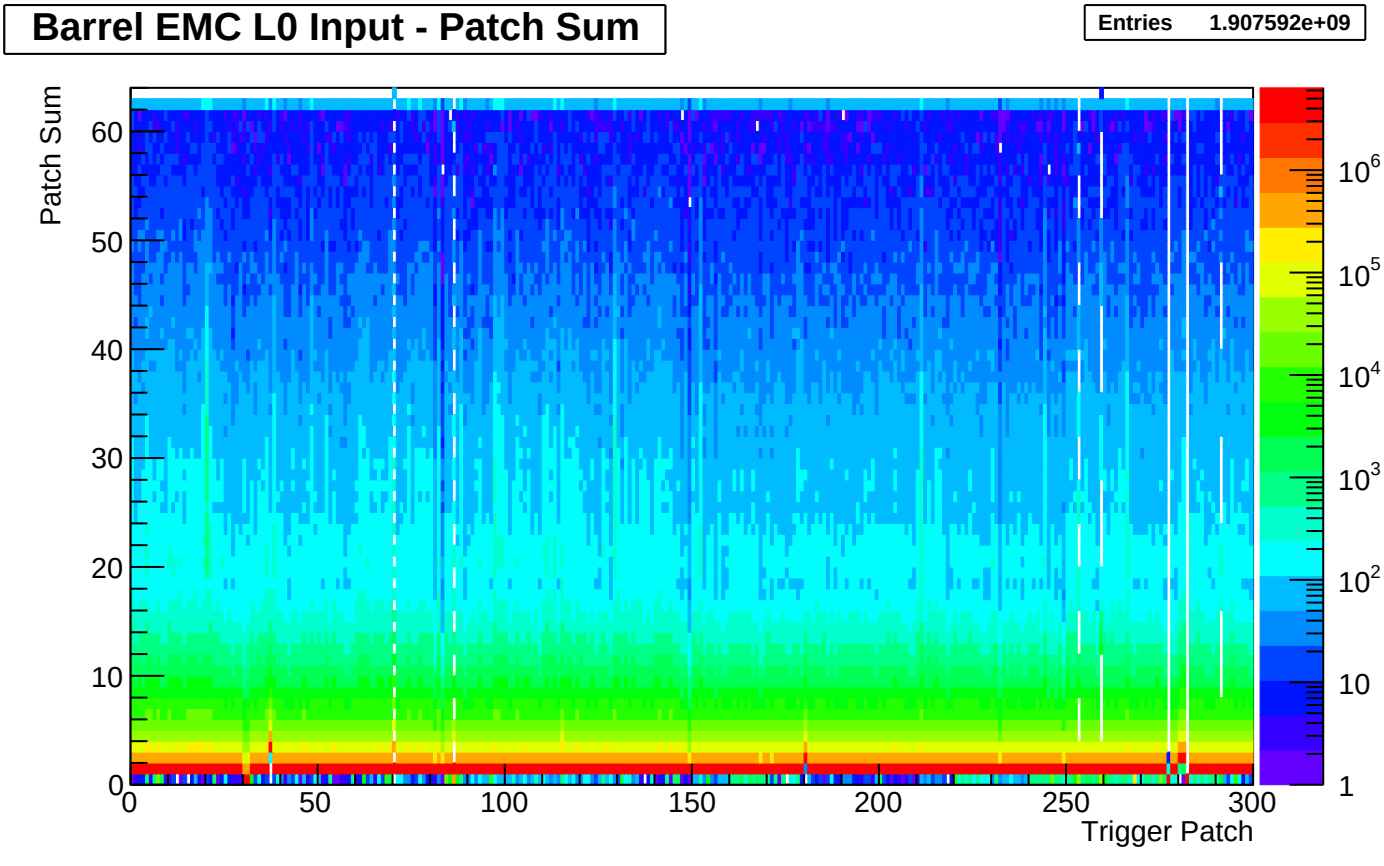
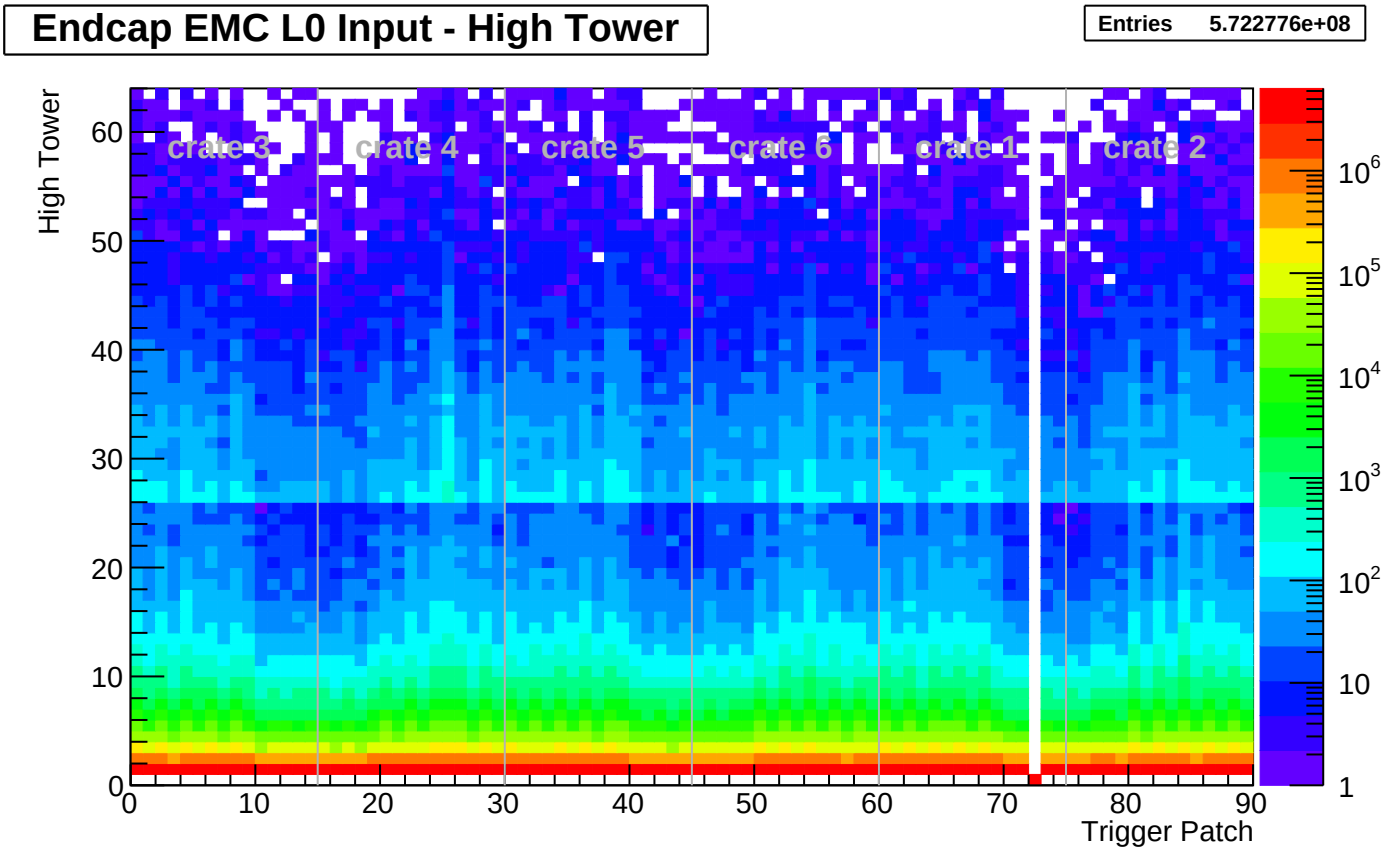
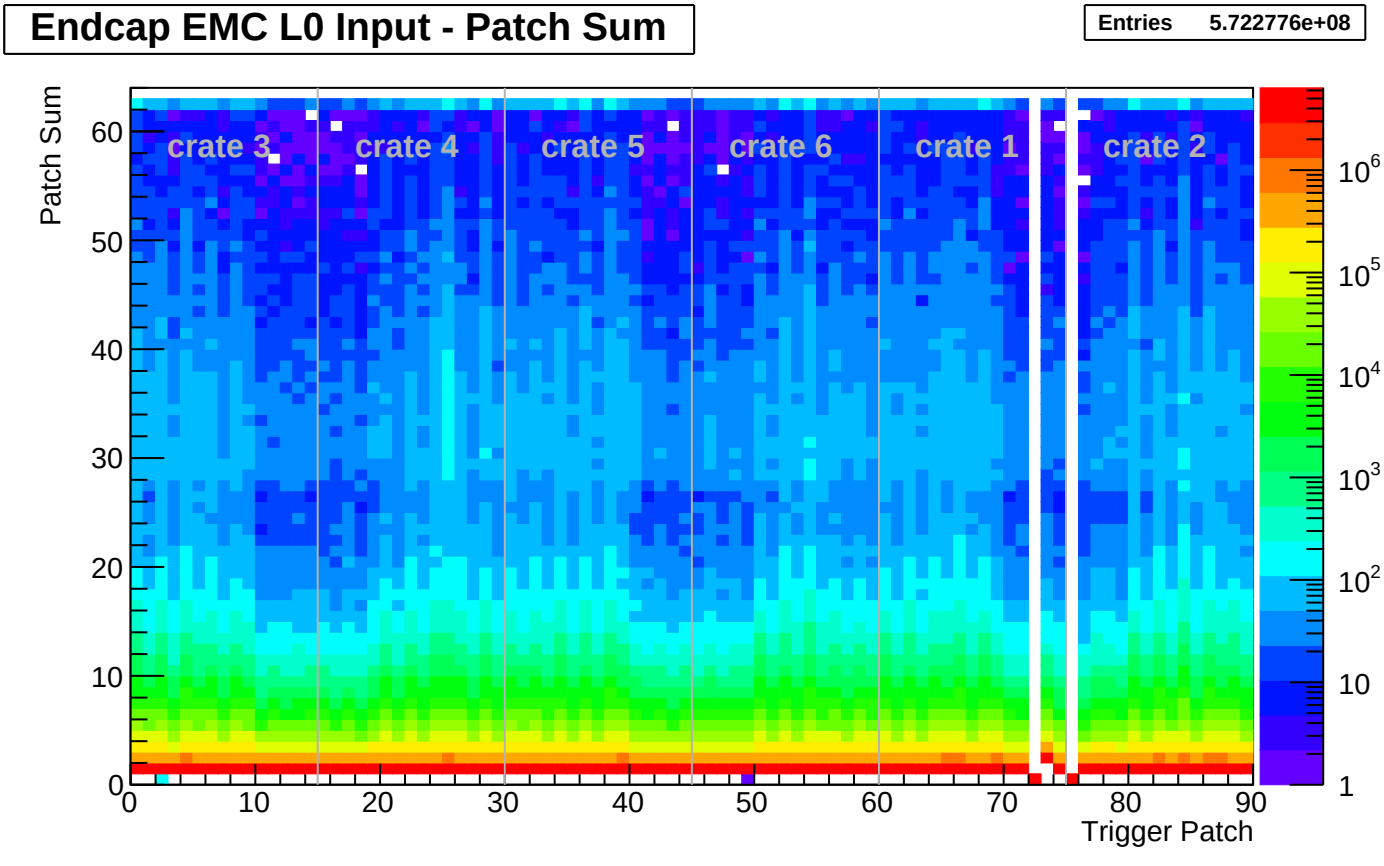
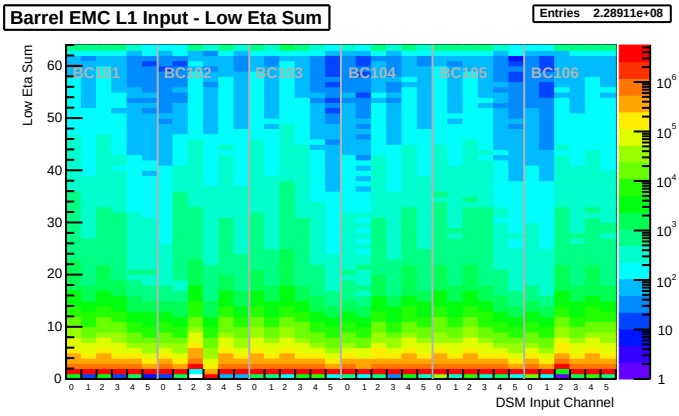
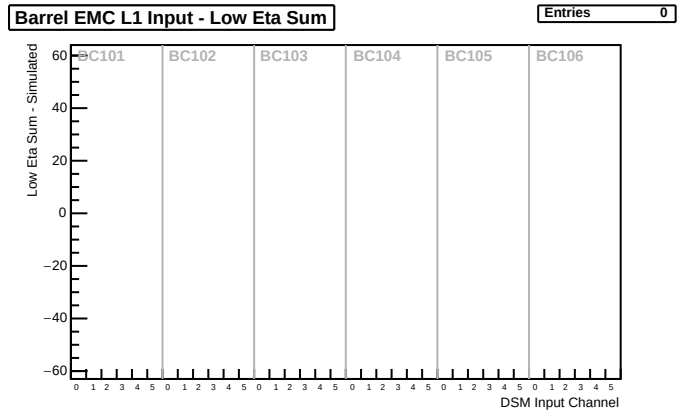

Barrel EMC L0 Input - High Tower
Entries 1.907592e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

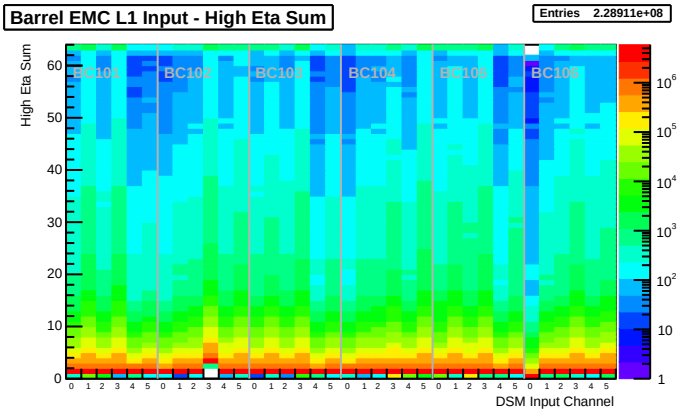

Barrel EMC L0 Input - Patch Sum
Entries 1.907592e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

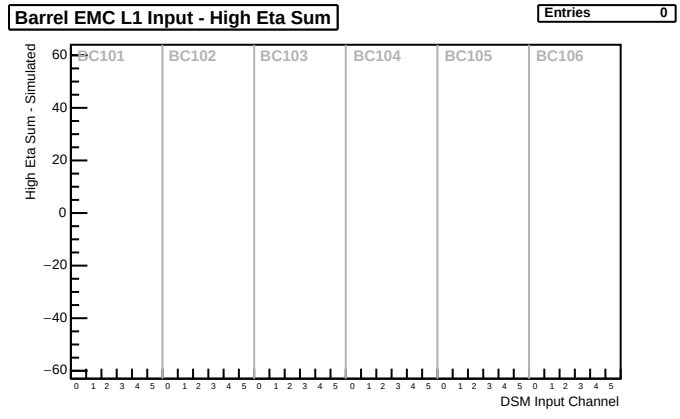

Endcap EMC L0 Input - High Tower
Entries 5.722776e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

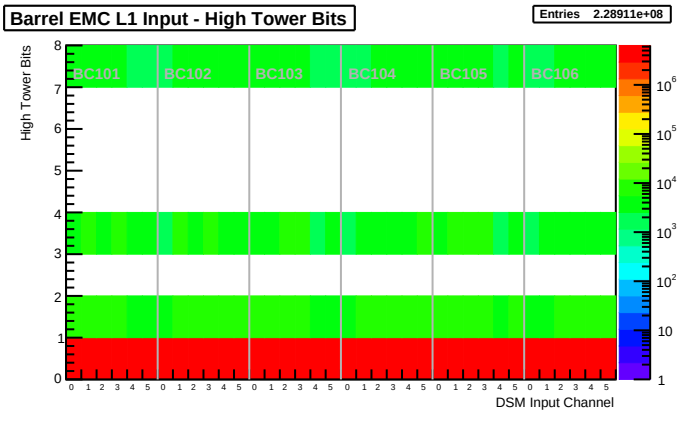

Endcap EMC L0 Input - Patch Sum
Entries 5.722776e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

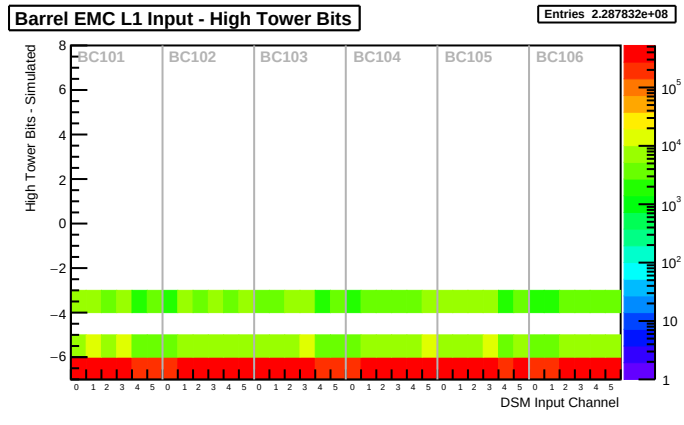

Barrel EMC L1 Input - Low Eta Sum
Entries 2.28911e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

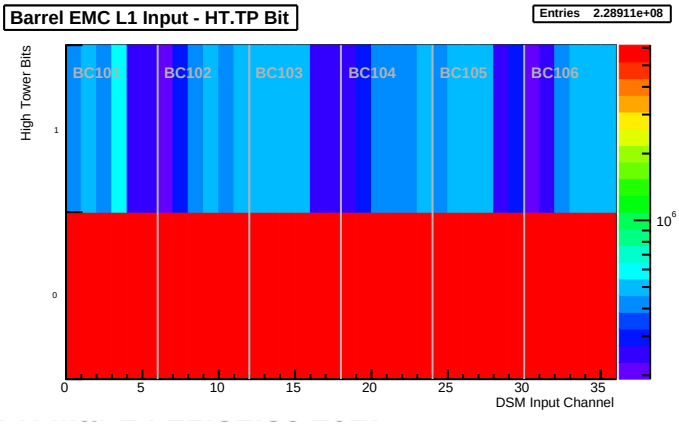

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

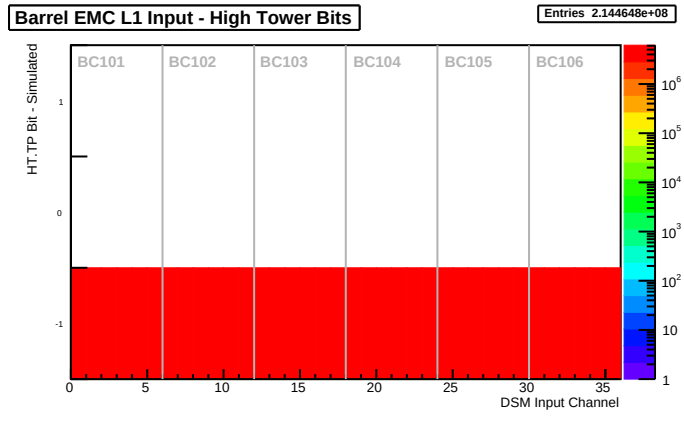

Barrel EMC L1 Input - High Eta Sum
Entries 2.28911e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

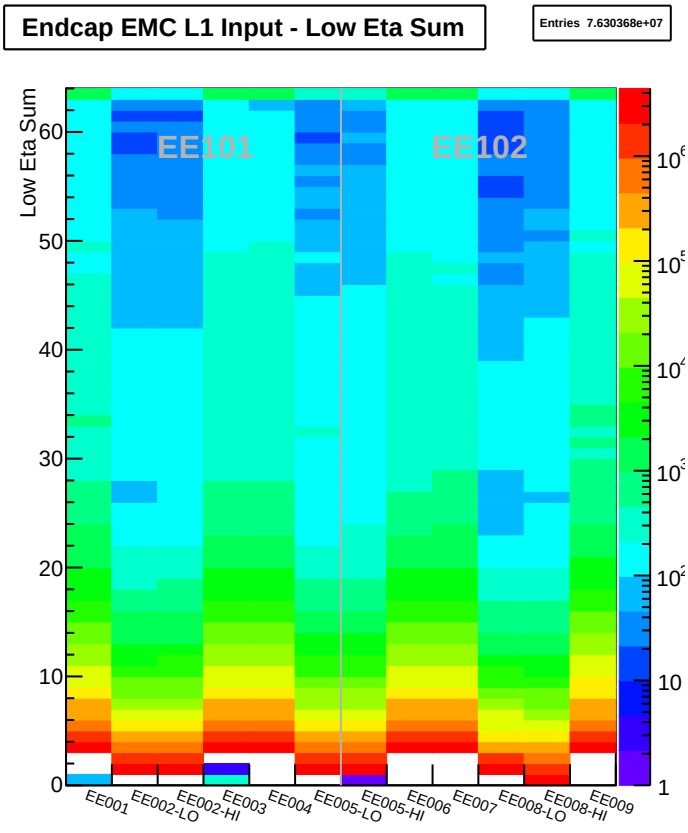

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

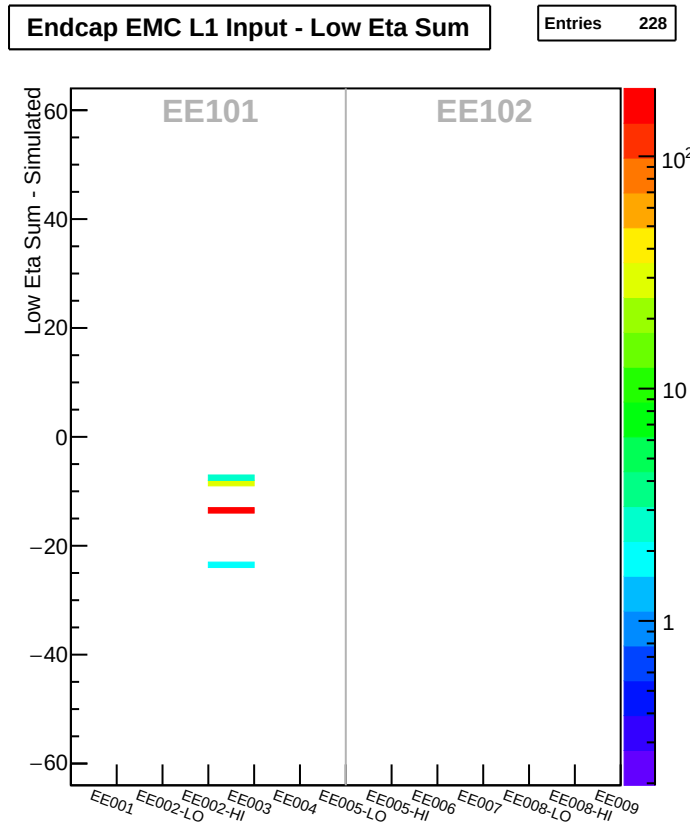

Barrel EMC L1 Input - High Tower Bits
Entries 2.28911e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

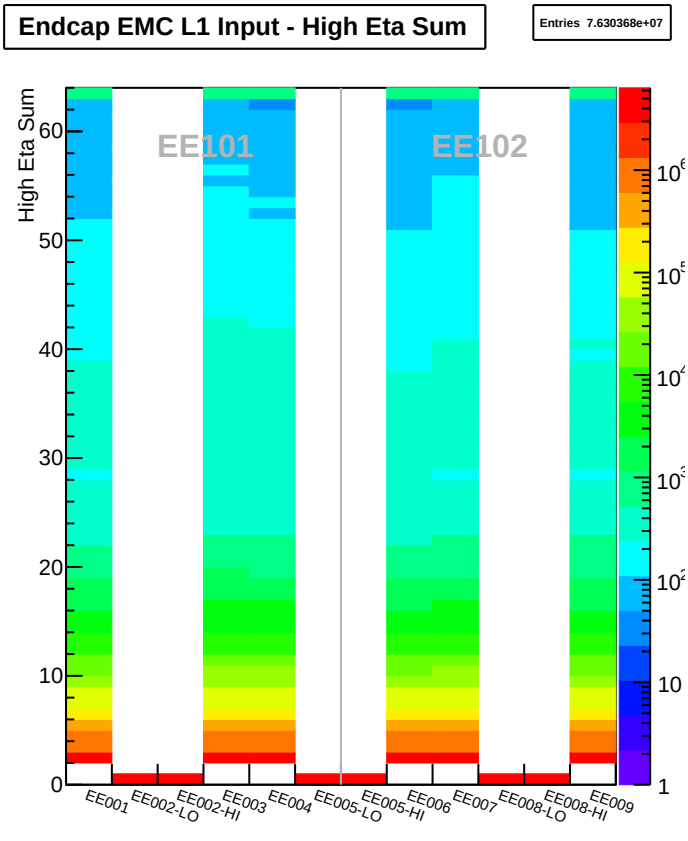

Barrel EMC L1 Input - High Tower Bits
Entries 2.287832e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

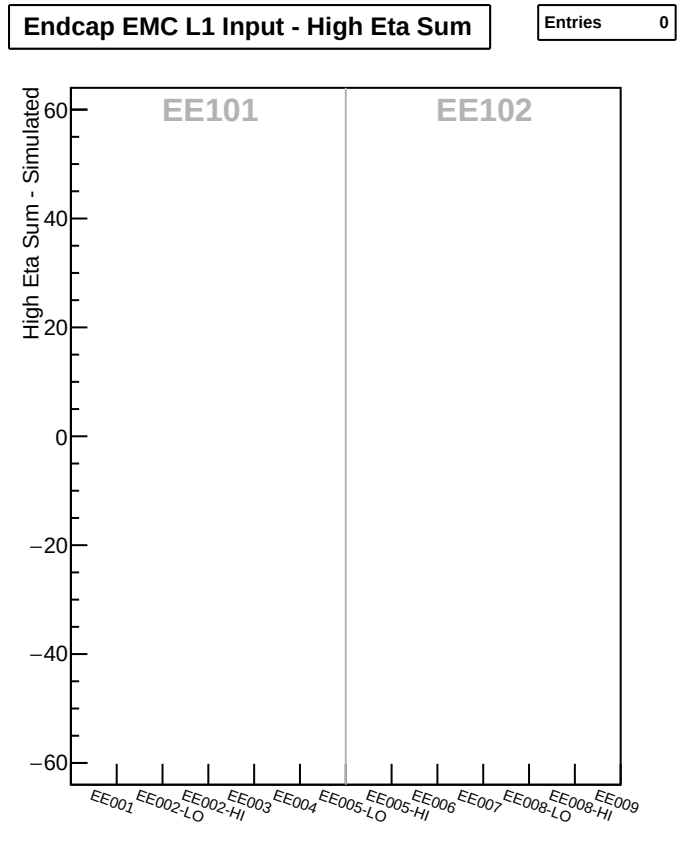

Barrel EMC L1 Input - HT.TP Bit
Entries 2.28911e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

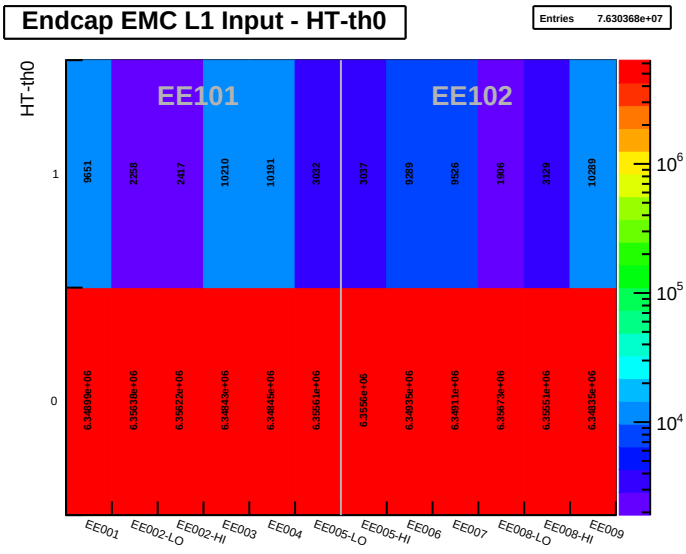

Barrel EMC L1 Input - High Tower Bits
Entries 2.144648e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

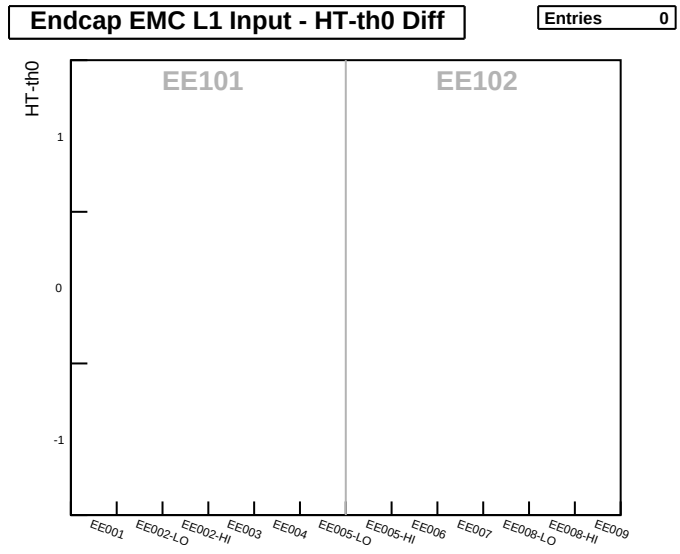

Endcap EMC L1 Input - Low Eta Sum
Entries 7.630368e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

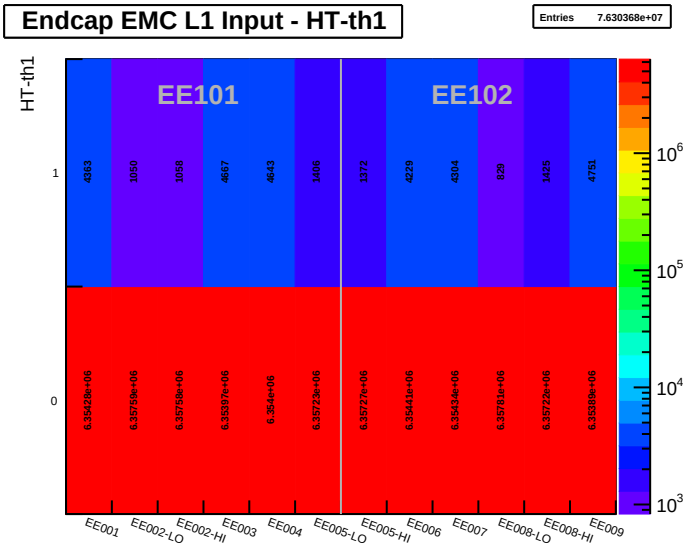

Endcap EMC L1 Input - Low Eta Sum
Entries 228
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

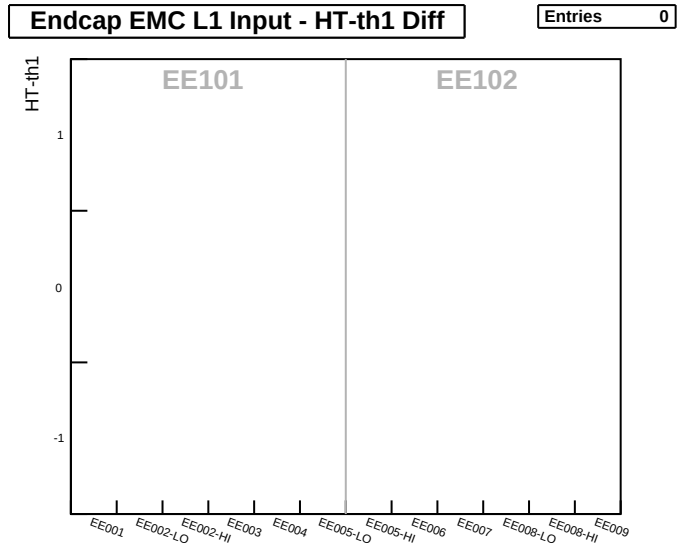

Endcap EMC L1 Input - High Eta Sum
Entries 7.630368e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

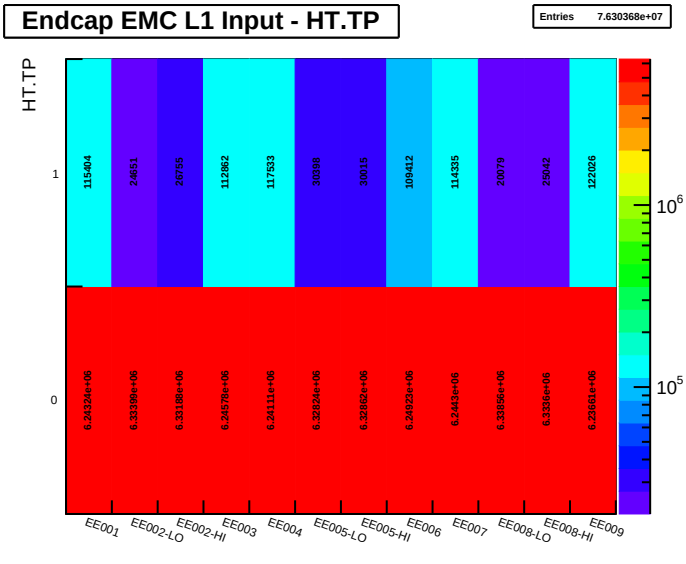

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

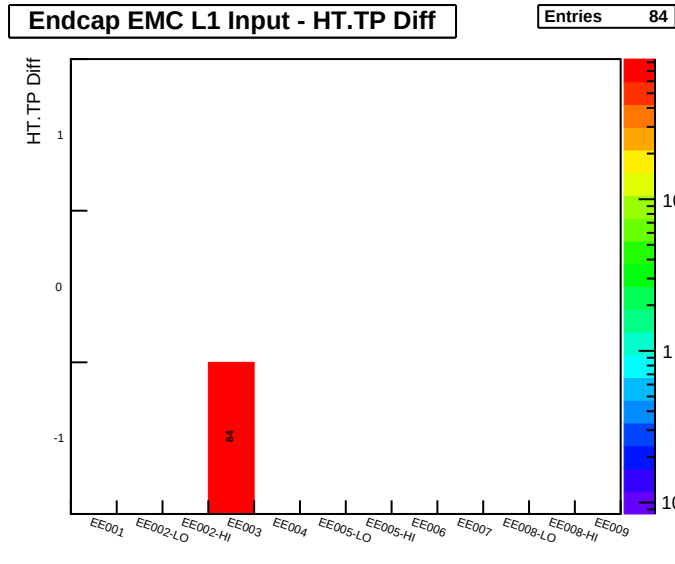

Endcap EMC L1 Input - HT-th0
Entries 7.630368e+07
HT-th0
EE101
EE102
1
0
9651
2258
2417
10210
10191
3032
3037
9289
9526
1906
3129
10299
6.34899e+06
6.35639e+06
6.35623e+06
6.34839e+06
6.34845e+06
6.35561e+06
6.3556e+06
6.34835e+06
6.34911e+06
6.35673e+06
6.35551e+06
6.34835e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4

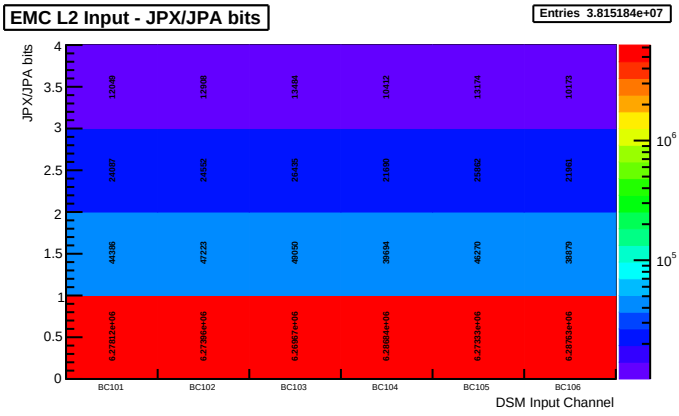

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

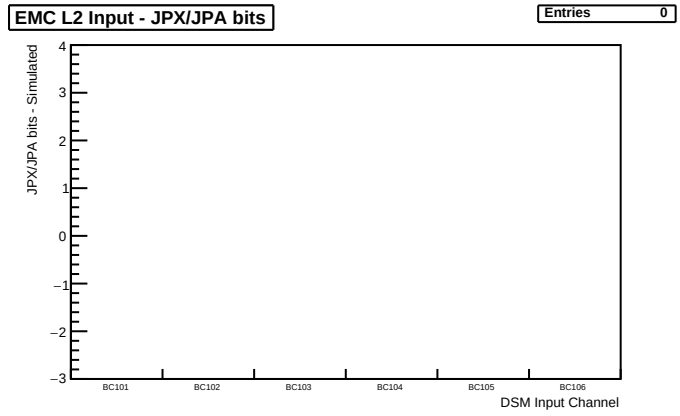

Endcap EMC L1 Input - HT-th1
Entries 7.630368e+07
HT-th1
EE101
EE102
1
0
4363
1050
1058
4667
4643
1406
1372
4229
4304
829
1425
4751
6.35428e+06
6.35759e+06
6.35758e+06
6.35397e+06
6.354e+06
6.35723e+06
6.35727e+06
6.35441e+06
6.35434e+06
6.35781e+06
6.35722e+06
6.35389e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4
10^3

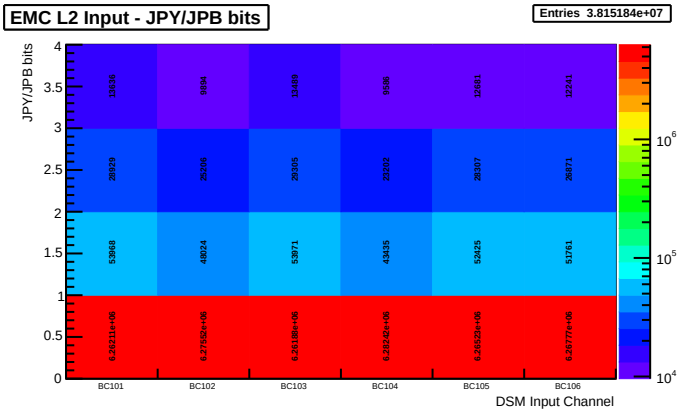

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

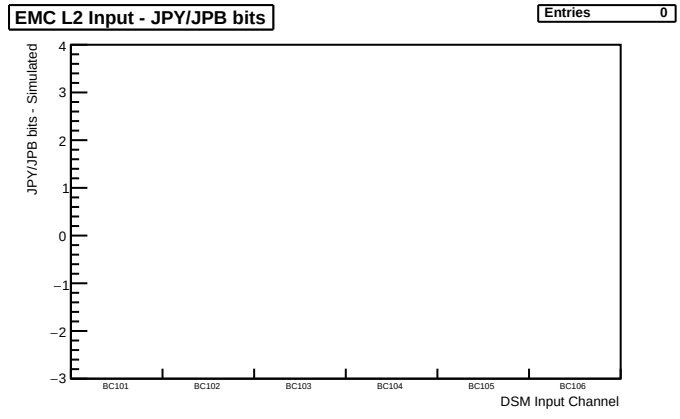

Endcap EMC L1 Input - HT.TP
Entries 7.630368e+07
HT.TP
1
0
115404
24651
26755
112862
117533
30398
30015
109412
114335
20079
25042
122026
6.24324e+06
6.33399e+06
6.33188e+06
6.24578e+06
6.24111e+06
6.32824e+06
6.32862e+06
6.24923e+06
6.2443e+06
6.33855e+06
6.3336e+06
6.23661e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5

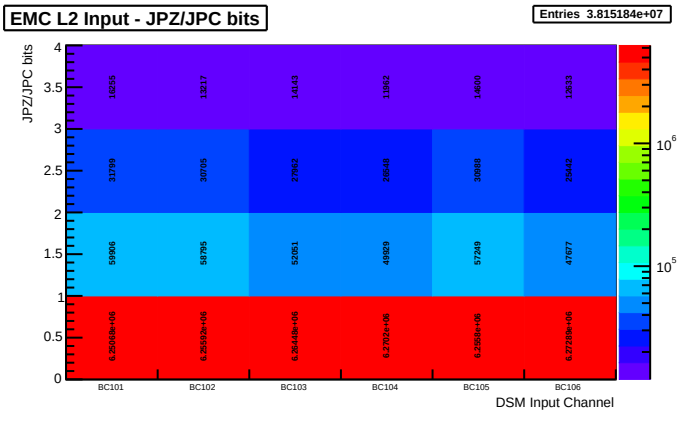

Endcap EMC L1 Input - HT.TP Diff
Entries 84
HT.TP Diff
1
0
-1
84
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10
1
10^{-1}

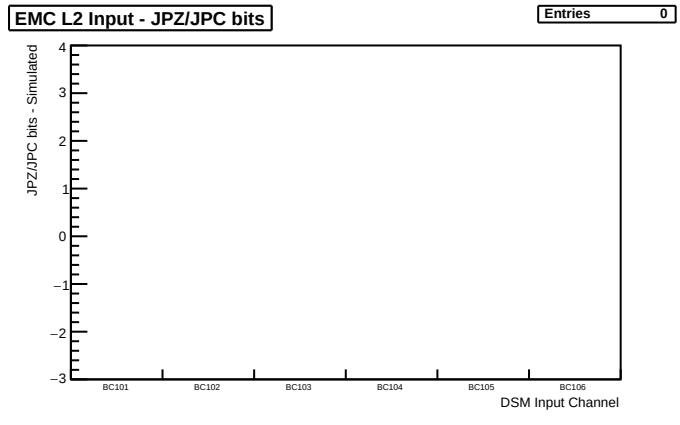

EMC L2 Input - JPX/JPA bits
Entries 3.815184e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12049
12998
13494
10412
13174
10173
24487
24452
26435
21690
23952
21961
44386
47223
49050
39694
46270
38979
6.27812e+06
6.27396e+06
6.26967e+06
6.26884e+06
6.27334e+06
6.26763e+06

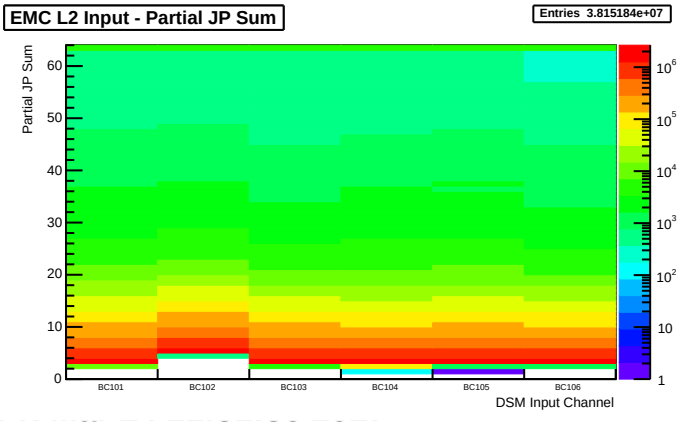

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

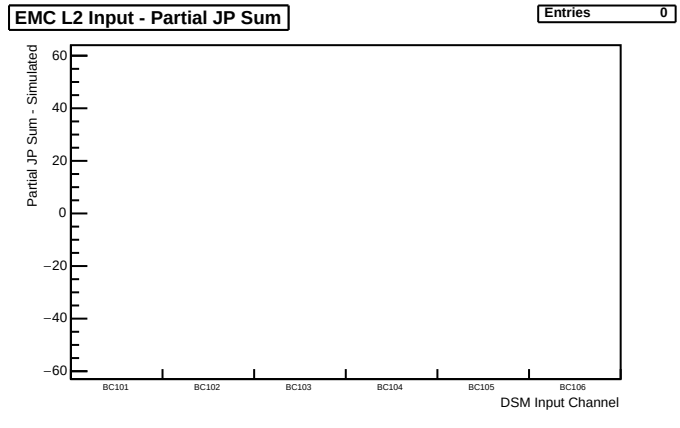

EMC L2 Input - JPY/JPB bits
Entries 3.815184e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13536
9994
13489
9596
12681
12241
28929
25206
29305
23202
29307
26971
53968
49024
53971
49435
52425
51761
6.26211e+06
6.27552e+06
6.26188e+06
6.28242e+06
6.26525e+06
6.26777e+06

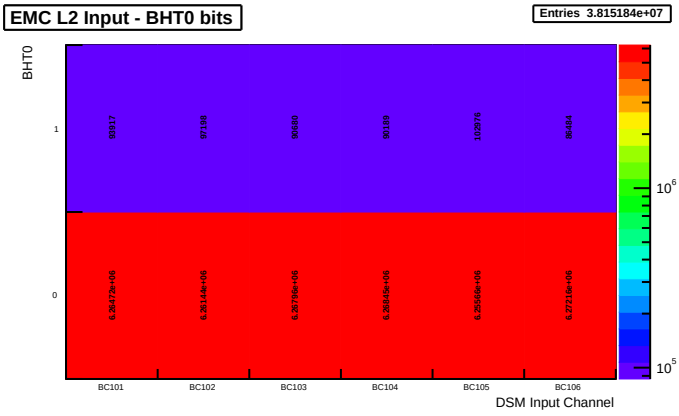

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

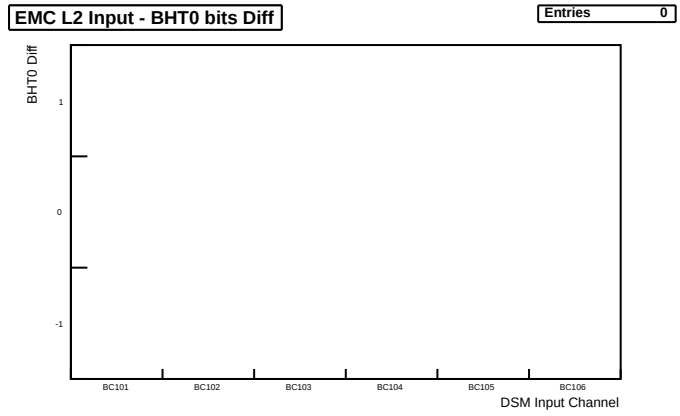

EMC L2 Input - JPZ/JPC bits
Entries 3.815184e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
16555
13217
14143
11962
14600
12633
31799
30705
27962
26548
30988
25442
59906
58795
52651
49929
57249
47677
6.25658e+06
6.25592e+06
6.26448e+06
6.27812e+06
6.2658e+06
6.27269e+06

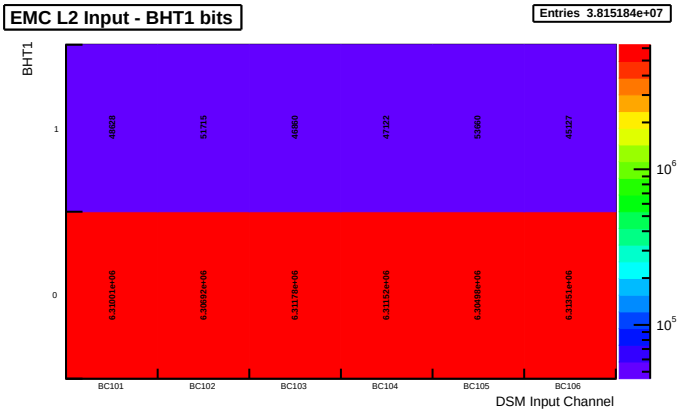

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

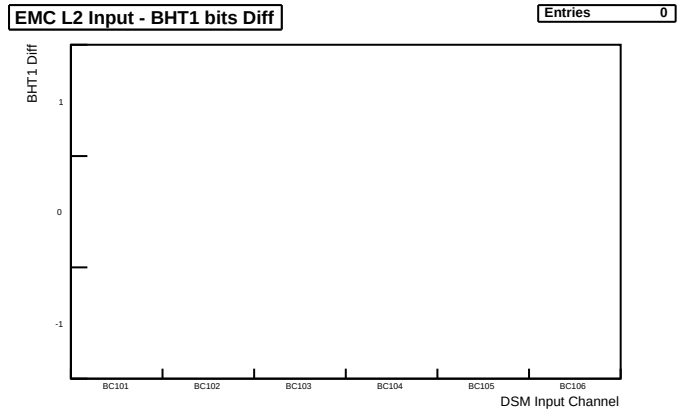

EMC L2 Input - Partial JP Sum
Entries 3.815184e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

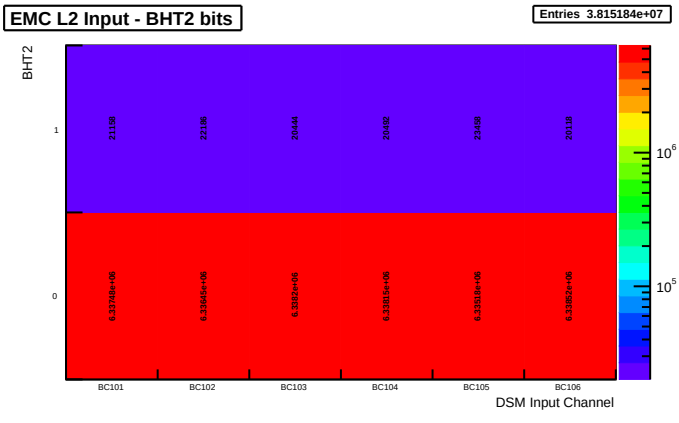

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

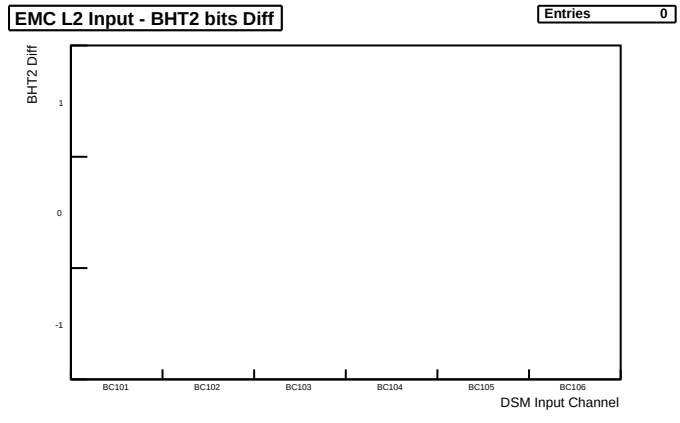

EMC L2 Input - BHT0 bits
Entries 3.815184e+07
BHT0
1
0
93317
97138
96680
99189
102276
86484
6.28472e+06
6.28144e+06
6.28796e+06
6.28945e+06
6.25569e+06
6.27216e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

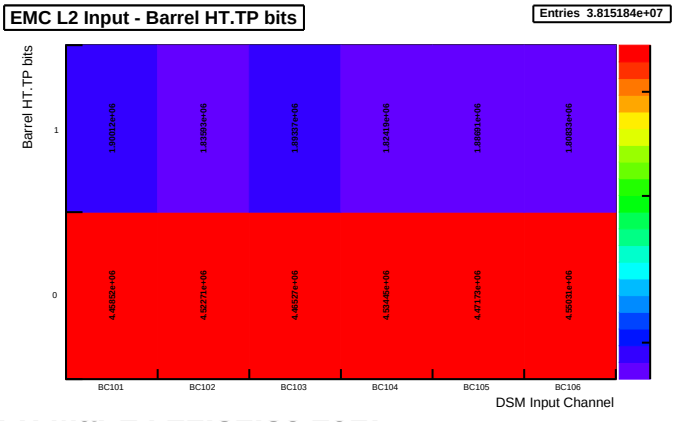

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

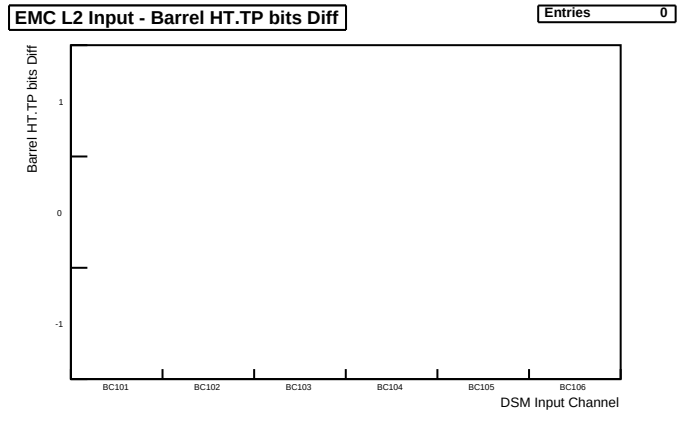

EMC L2 Input - BHT1 bits
Entries 3.815184e+07
BHT1
1
0
49828
51715
49880
47122
53860
45127
6.31001e+06
6.30692e+06
6.31178e+06
6.31152e+06
6.30698e+06
6.31931e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

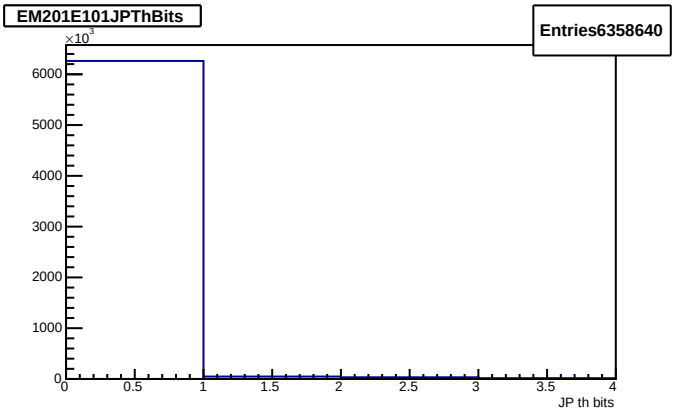

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

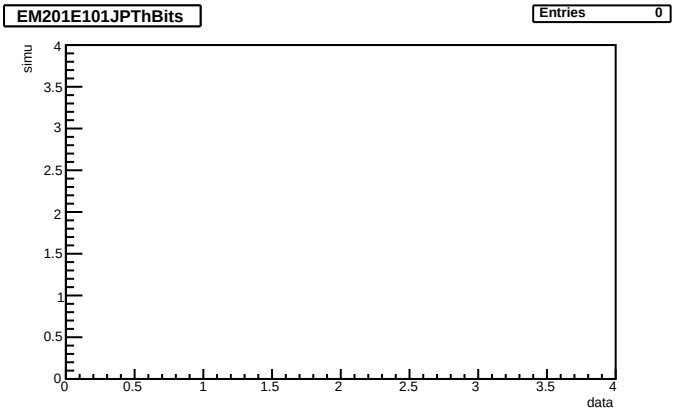

EMC L2 Input - BHT2 bits
Entries 3.815184e+07
BHT2
1
0
21158
22196
20444
20492
23458
20118
6.32748e+06
6.33665e+06
6.3392e+06
6.33815e+06
6.33518e+06
6.33852e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

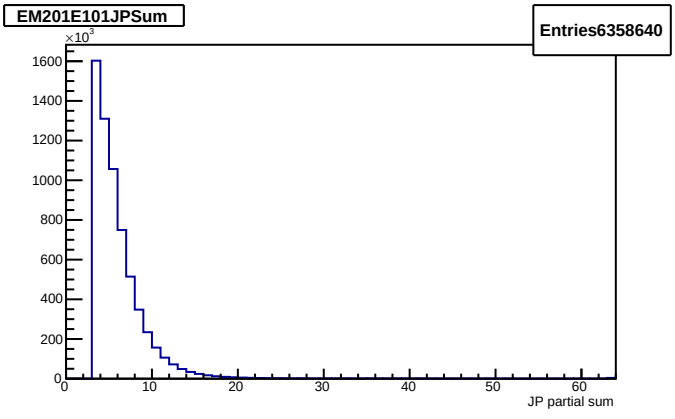

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

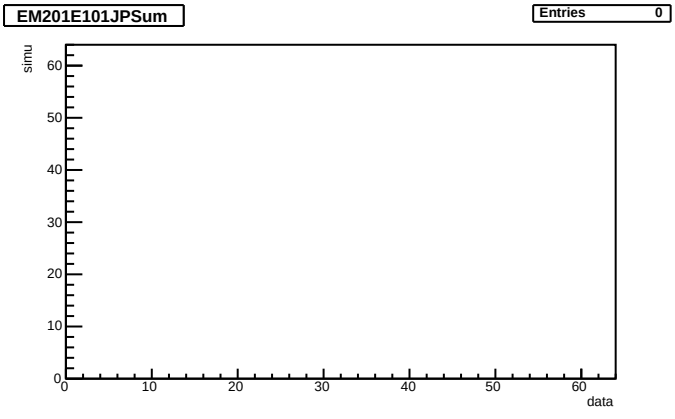

EMC L2 Input - Barrel HT.TP bits
Entries 3.815184e+07
Barrel HT.TP bits
1
0
1.90012e+06
1.93193e+06
1.88337e+06
1.92419e+06
1.88691e+06
1.90831e+06
4.45952e+06
4.52271e+06
4.46527e+06
4.53445e+06
4.47172e+06
4.55031e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

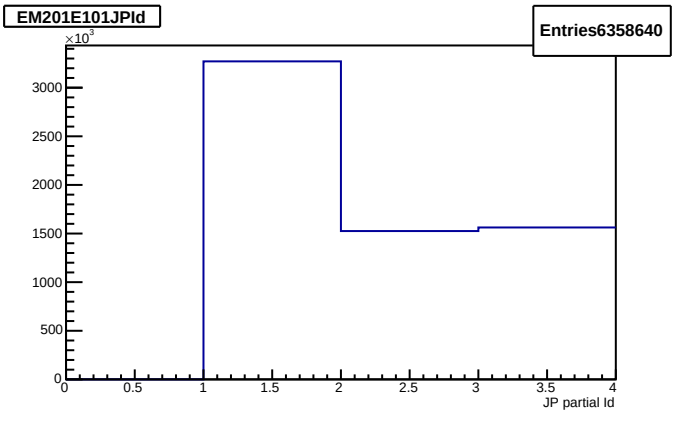

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

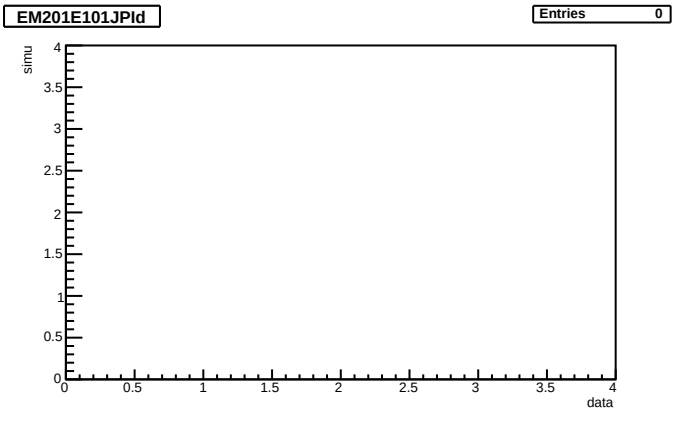

EM201E101JPThBits
Entries6358640
×10^3
JP th bits

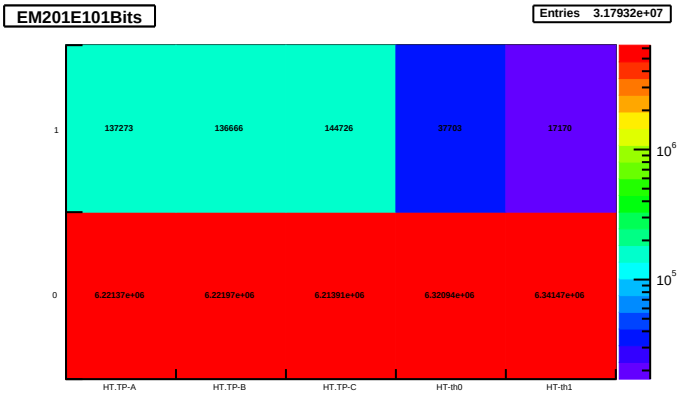

EM201E101JPThBits
Entries 0
simu
data

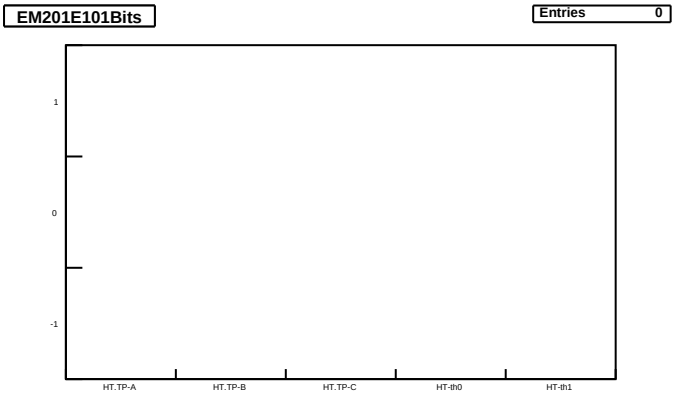

EM201E101JPSum
Entries6358640
×10^3
JP partial sum

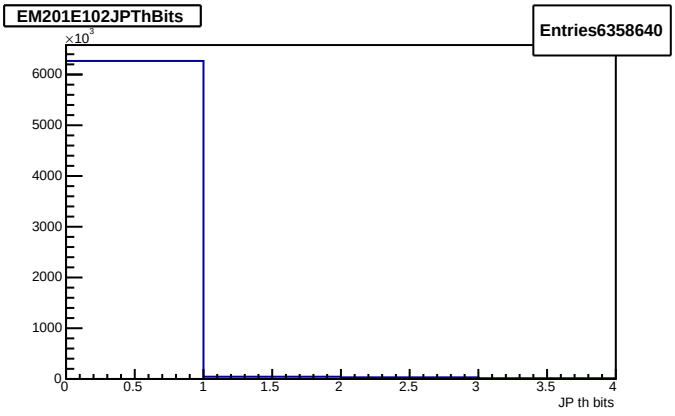

EM201E101JPSum
Entries 0
simu
data

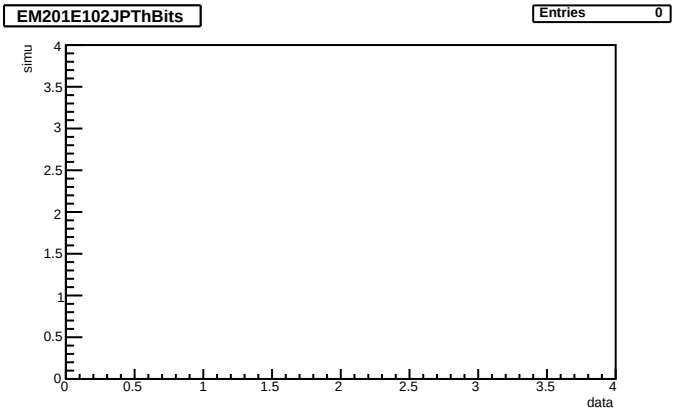

EM201E101JPId
Entries6358640
×10^3
JP partial Id

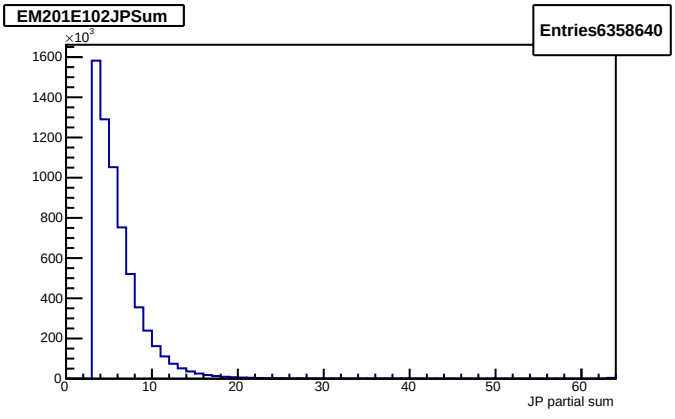

EM201E101JPId
Entries 0
simu
data

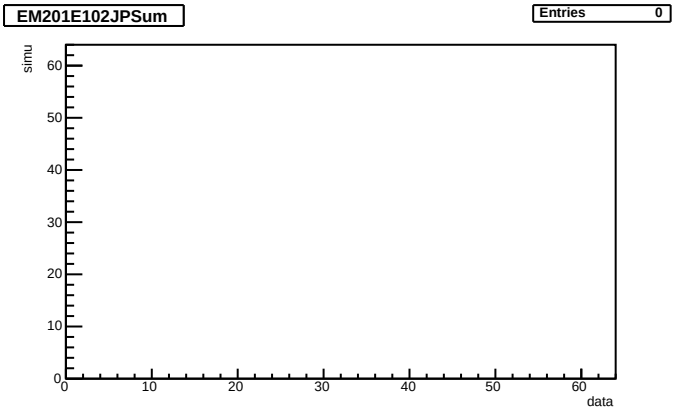

EM201E101Bits
Entries 3.17932e+07
137273
136666
144726
37703
17170
6.22137e+06
6.22197e+06
6.21391e+06
6.32094e+06
6.34147e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

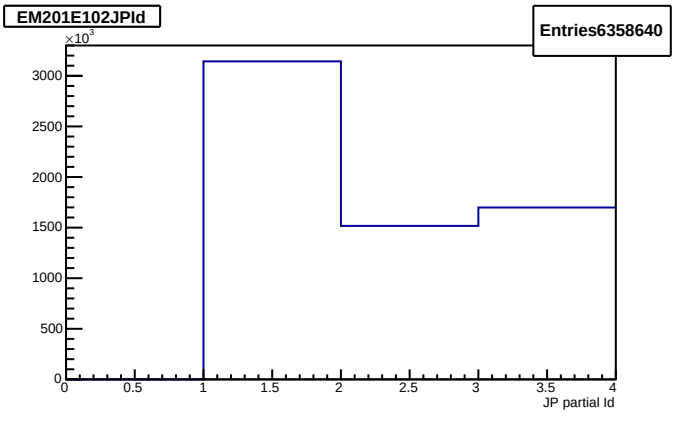

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

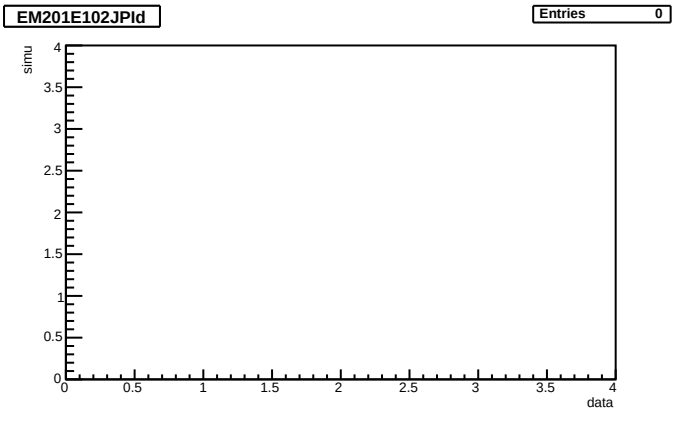

EM201E102JPThBits
Entries6358640
×10^3
JP th bits

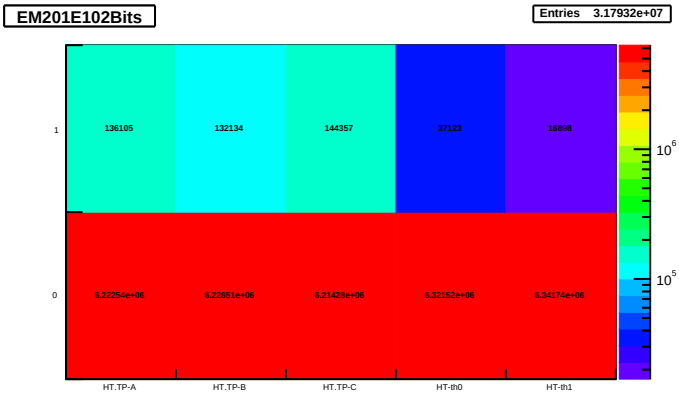

EM201E102JPThBits
Entries 0
simu
data

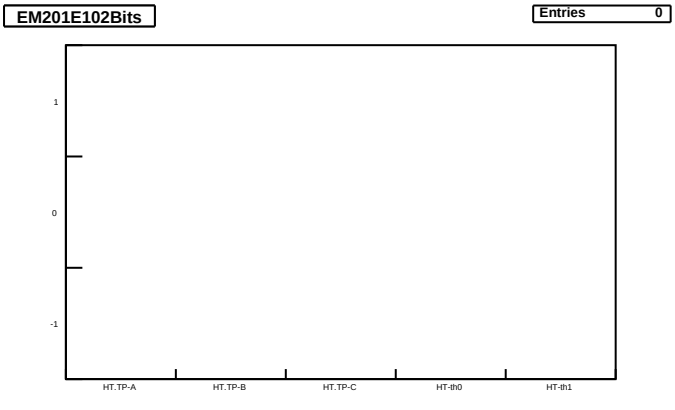

EM201E102JPSum
Entries6358640
×10^3
JP partial sum

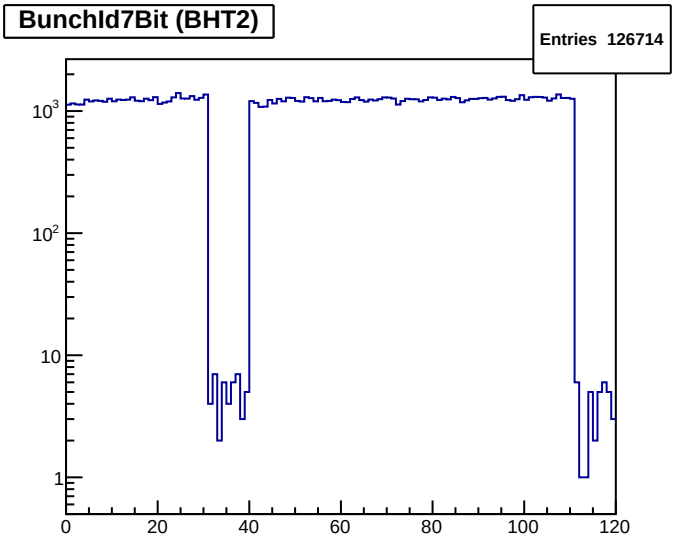

EM201E102JPSum
Entries 0
simu
data

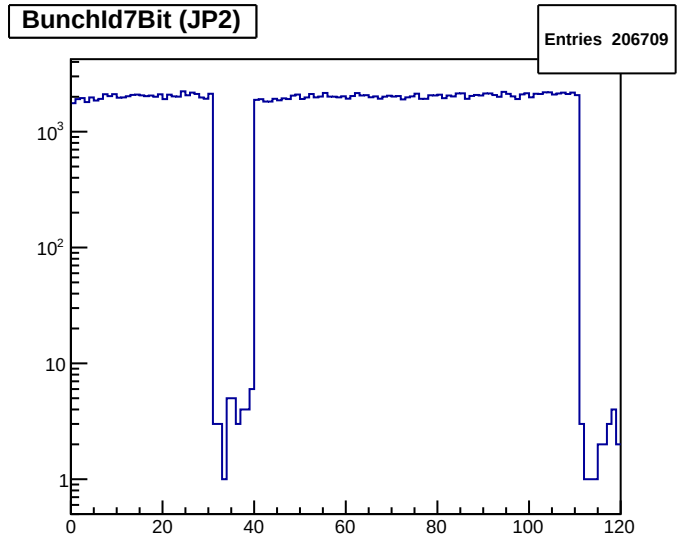

EM201E102JPId
Entries6358640
×10^3
JP partial Id

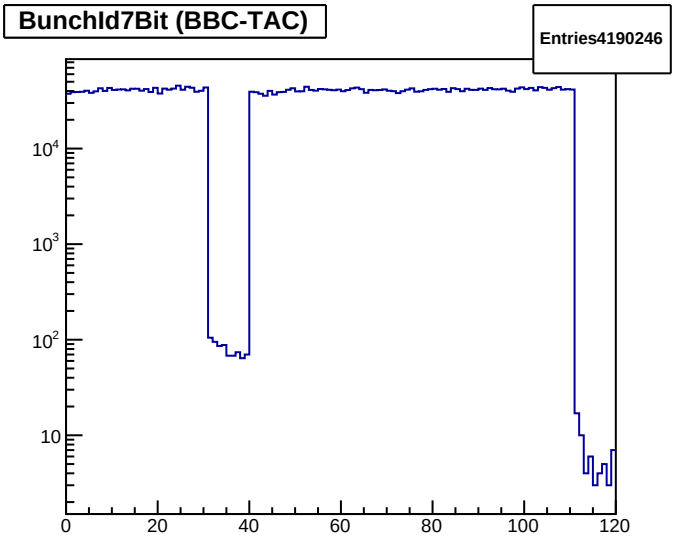

EM201E102JPId
Entries 0
simu
data

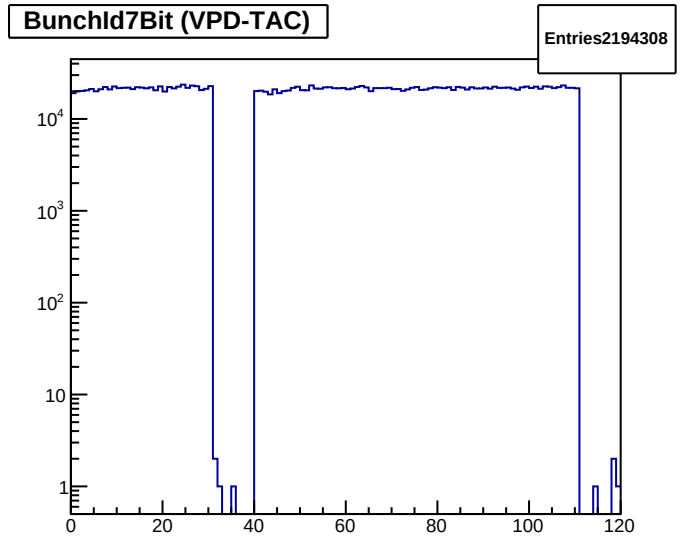

EM201E102Bits
Entries 3.17932e+07
136105
132134
144357
37123
16898
6.22254e+06
6.22651e+06
6.21428e+06
6.32152e+06
6.34174e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

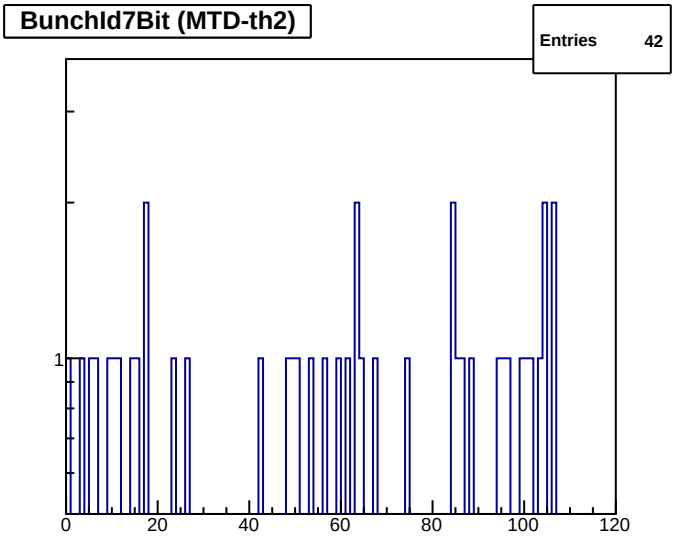

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

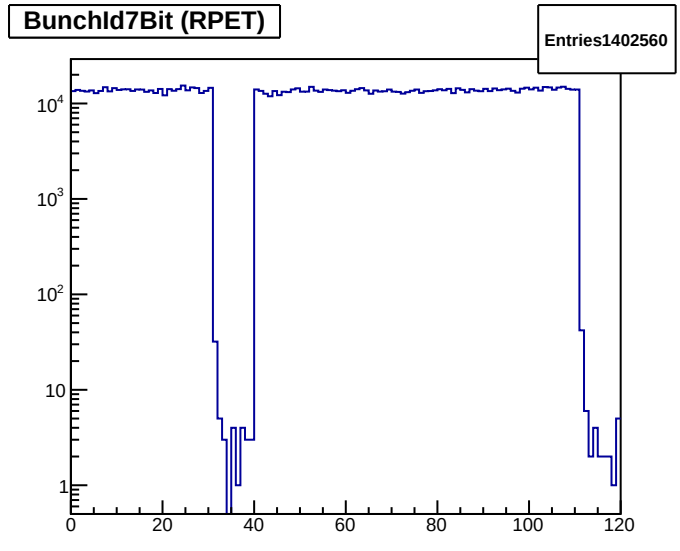

BunchId7Bit (BHT2)
Entries 126714

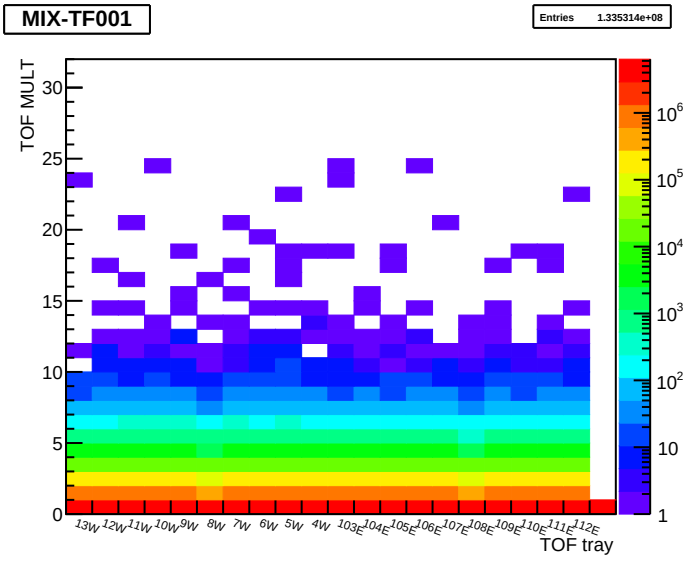

BunchId7Bit (JP2)
Entries 206709

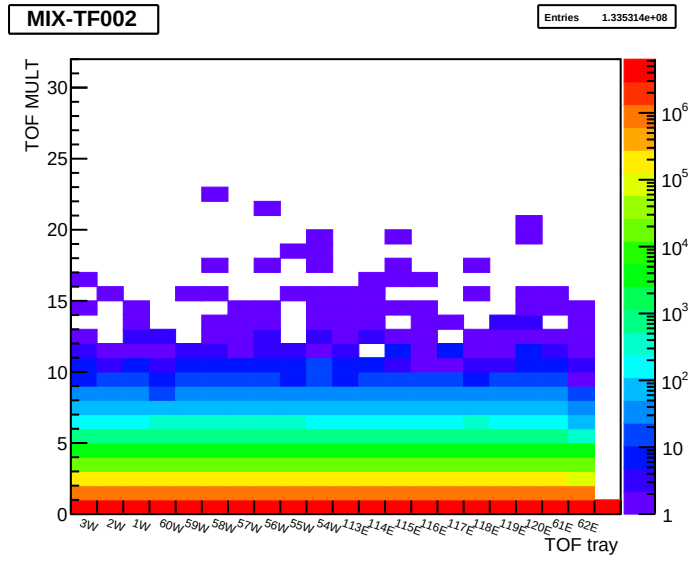

BunchId7Bit (BBC-TAC)
Entries4190246

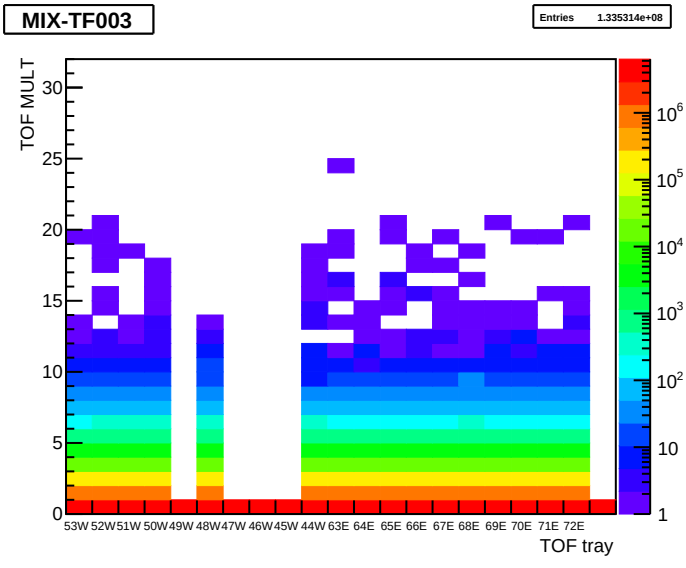

BunchId7Bit (VPD-TAC)
Entries2194308

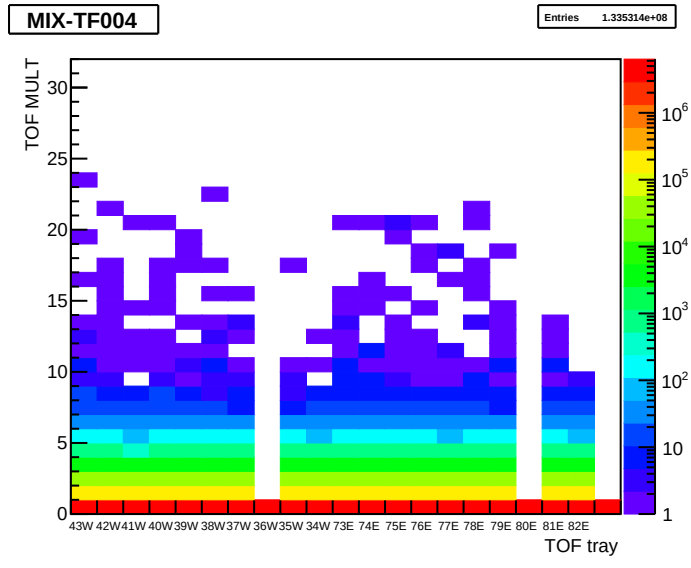

BunchId7Bit (MTD-th2)
Entries 42

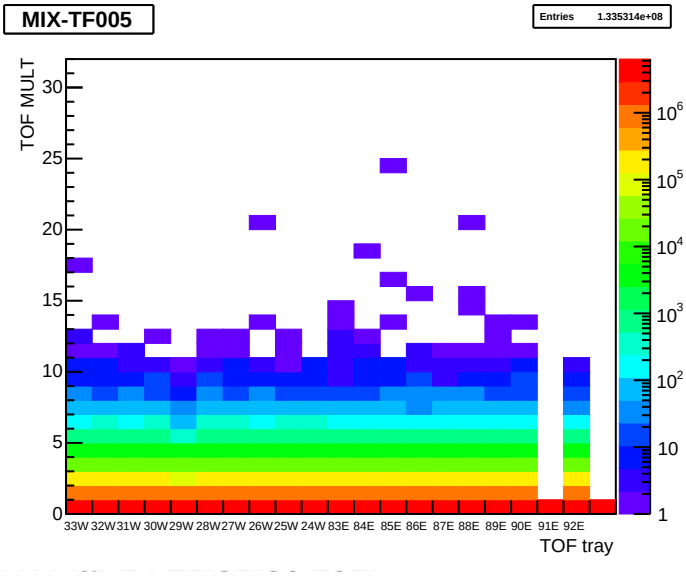

BunchId7Bit (RPET)
Entries1402560

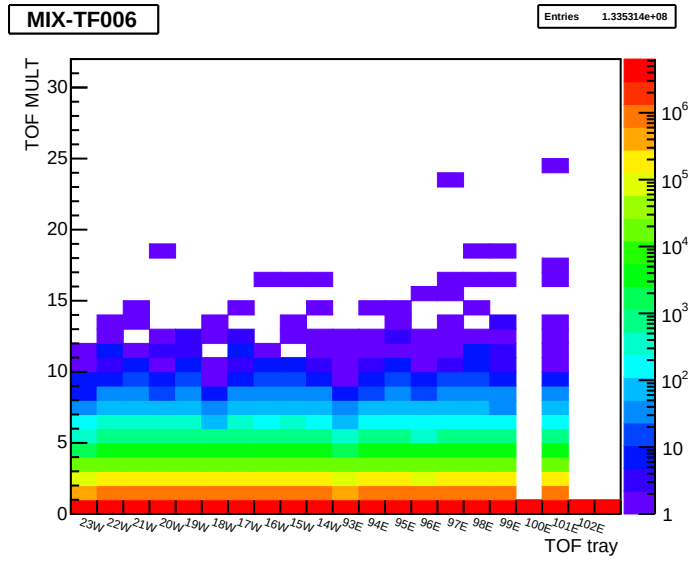

MIX-TF001
Entries 1.335314e+08
TOF MULT
TOF tray

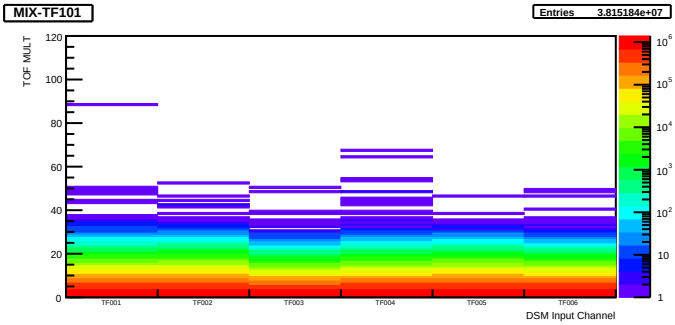

MIX-TF002
Entries 1.335314e+08
TOF MULT
TOF tray

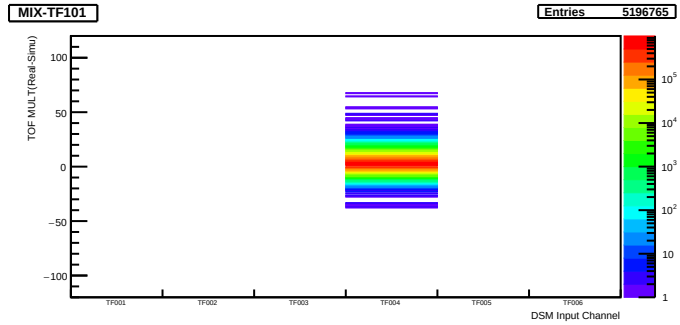

MIX-TF003
Entries 1.335314e+08
TOF MULT
TOF tray

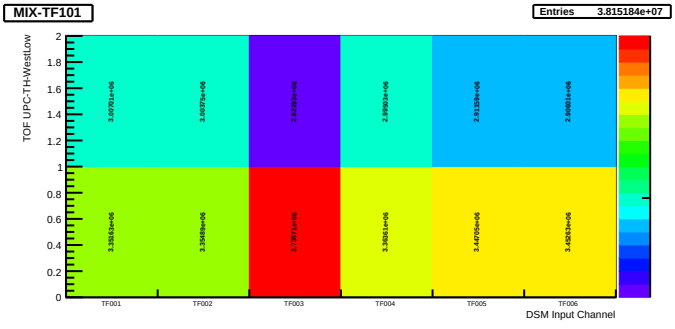

MIX-TF004
Entries 1.335314e+08
TOF MULT
TOF tray

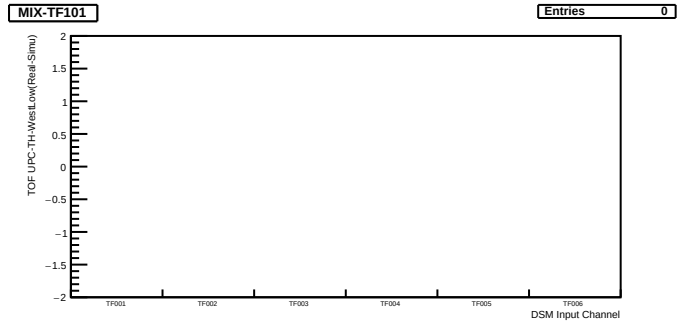

MIX-TF005
Entries 1.335314e+08
TOF MULT
TOF tray

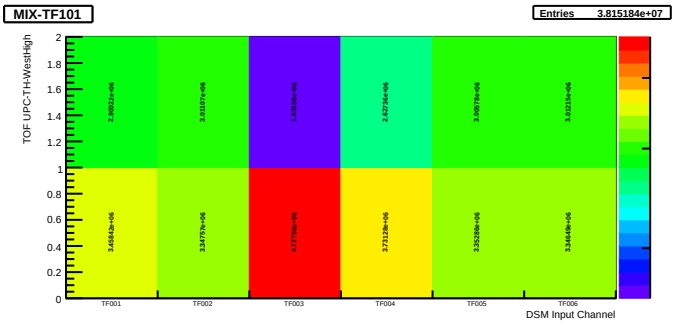

MIX-TF006
Entries 1.335314e+08
TOF MULT
TOF tray

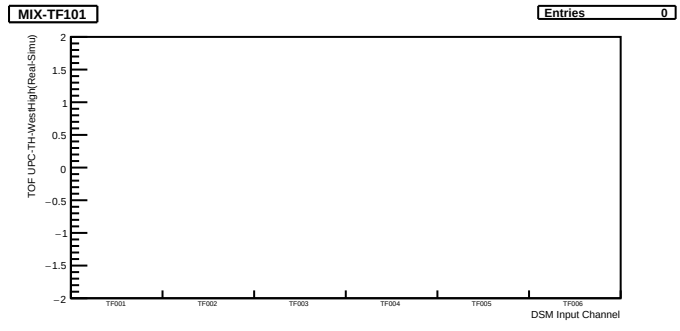

MIX-TF101
Entries 3.815184e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

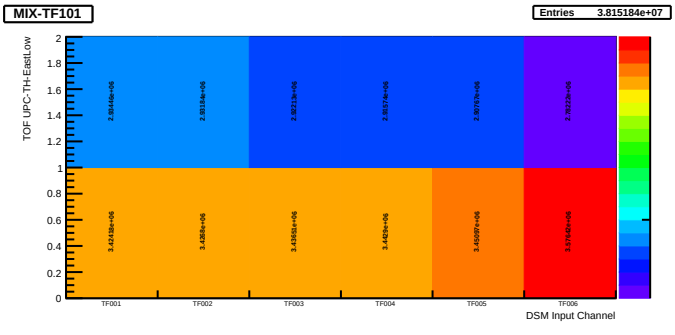

MIX-TF101
Entries 5196765
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

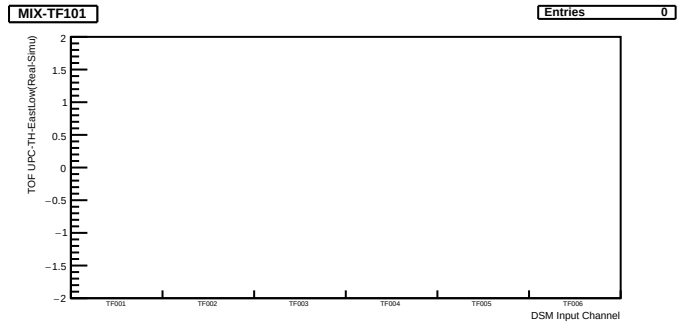

MIX-TF101
Entries 3.815184e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

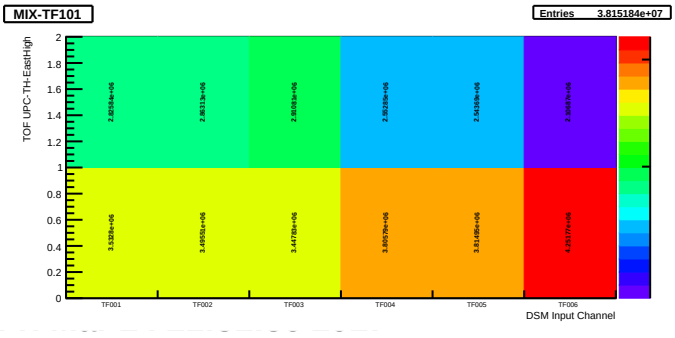

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

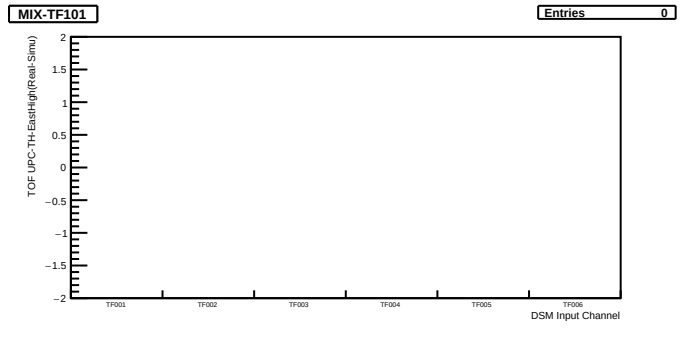

MIX-TF101
Entries 3.815184e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

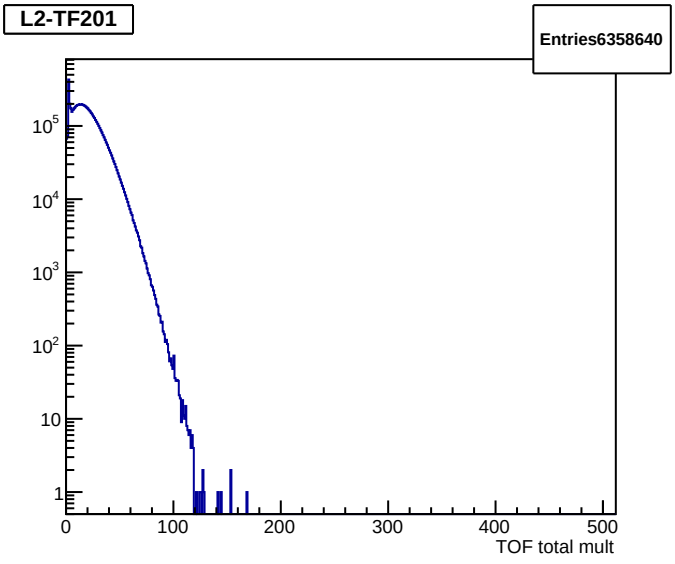

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

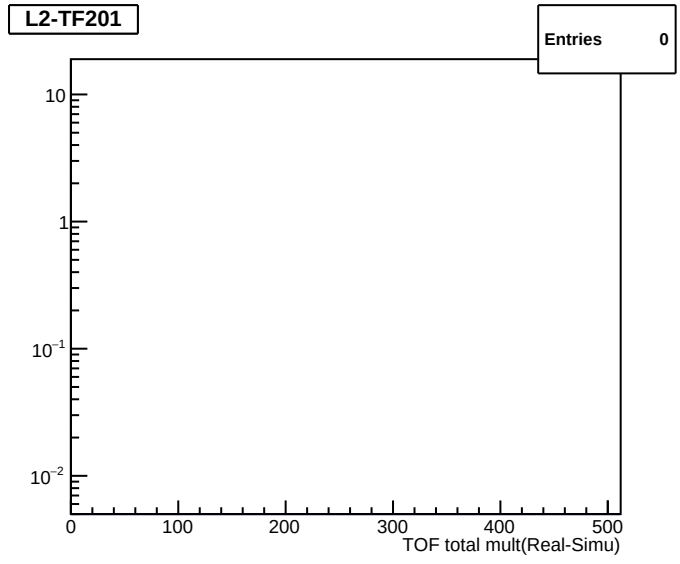

MIX-TF101
Entries 3.815184e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

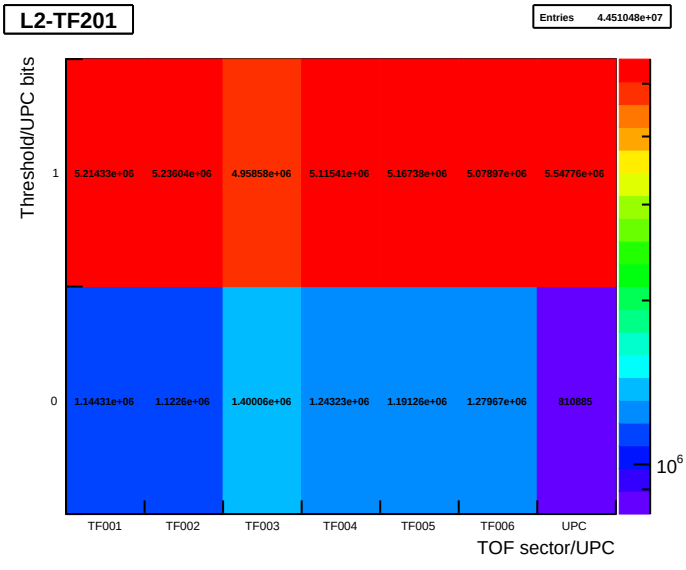

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

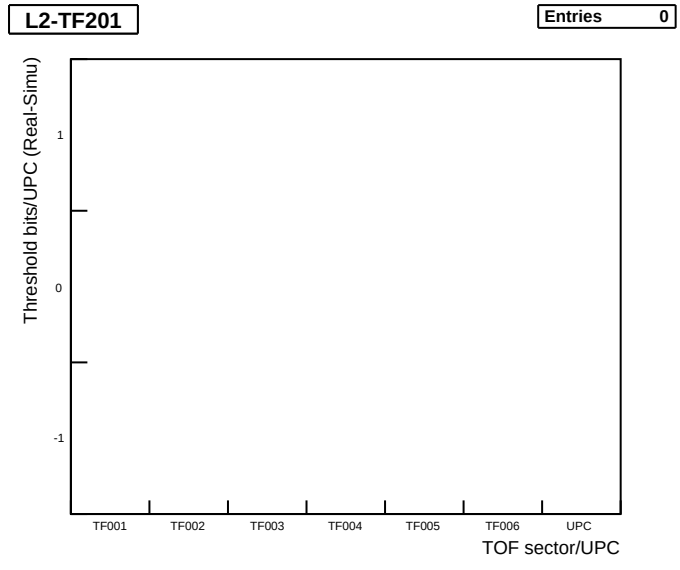

MIX-TF101
Entries 3.815184e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

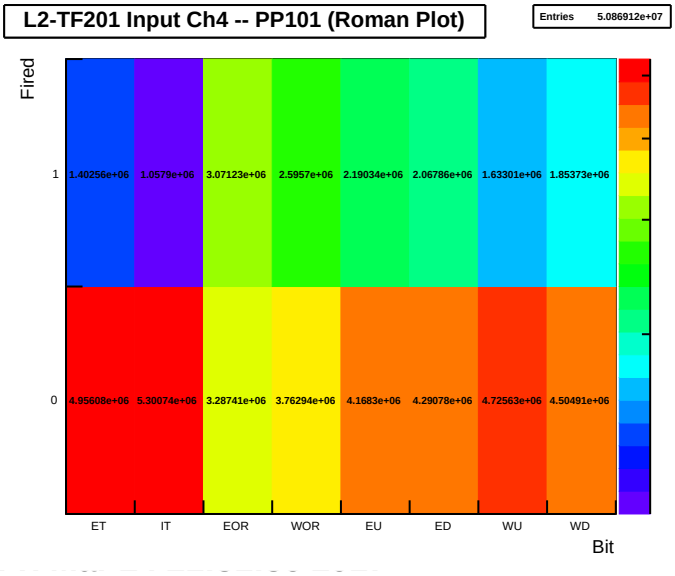

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

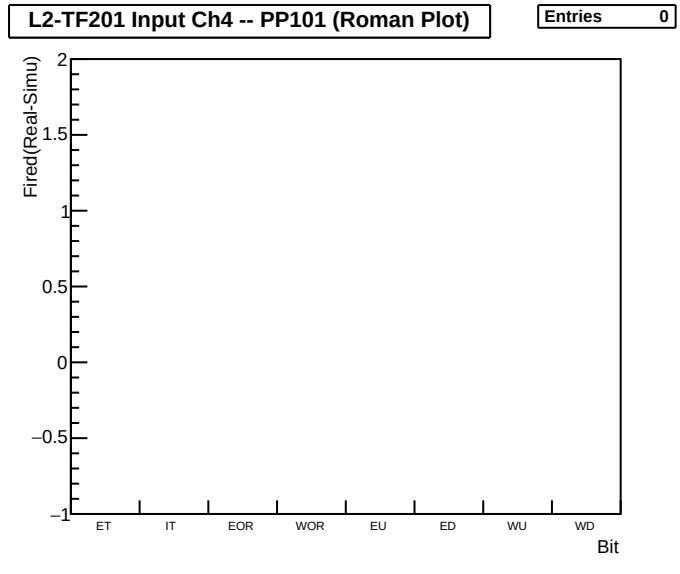

L2-TF201
Entries6358640
TOF total mult

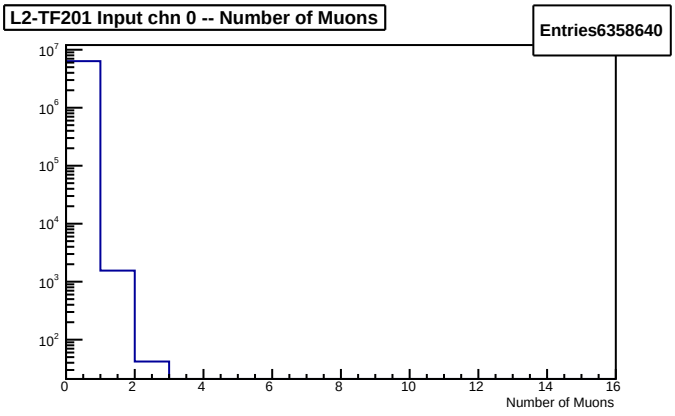

L2-TF201
Entries 0
TOF total mult(Real-Simu)

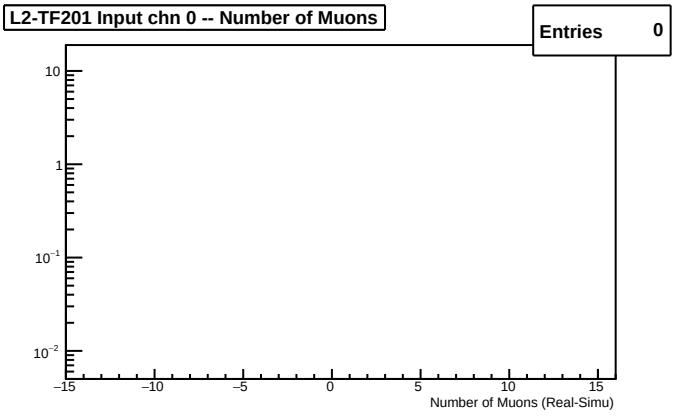

L2-TF201
Entries 4.451048e+07
Threshold/UPC bits
5.21433e+06
5.23604e+06
4.95858e+06
5.11541e+06
5.16738e+06
5.07897e+06
5.54776e+06
1.14431e+06
1.1226e+06
1.40006e+06
1.24323e+06
1.19126e+06
1.27967e+06
810885
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

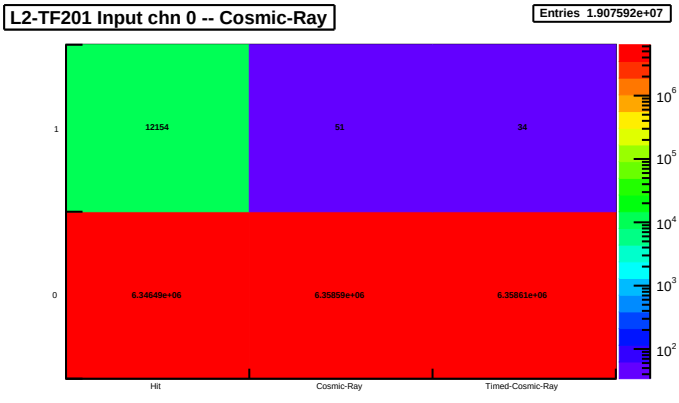

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

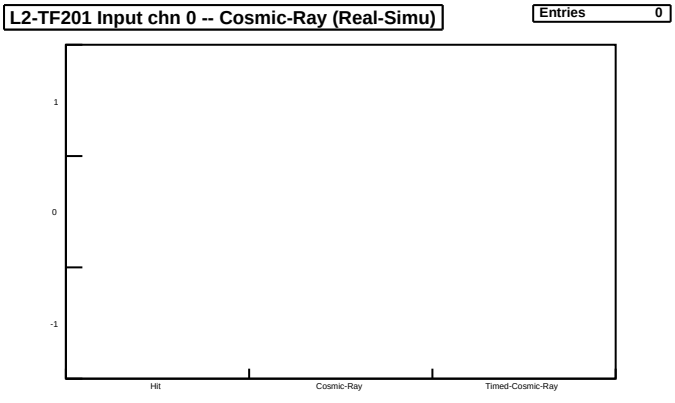

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.086912e+07
Fired
1.40256e+06
1.0579e+06
3.07123e+06
2.5957e+06
2.19034e+06
2.06786e+06
1.63301e+06
1.85373e+06
4.95608e+06
5.30074e+06
3.28741e+06
3.76294e+06
4.1683e+06
4.29078e+06
4.72563e+06
4.50491e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

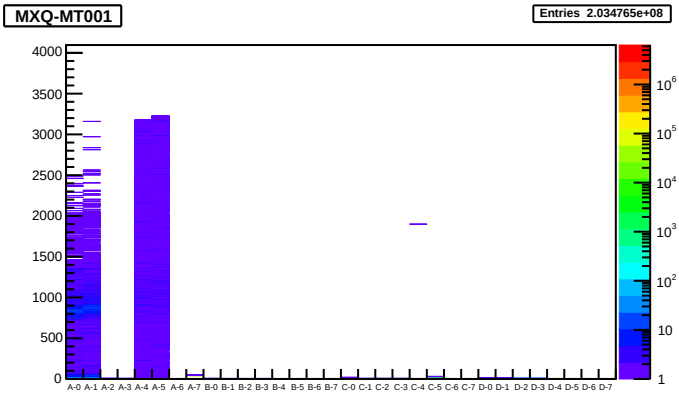

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

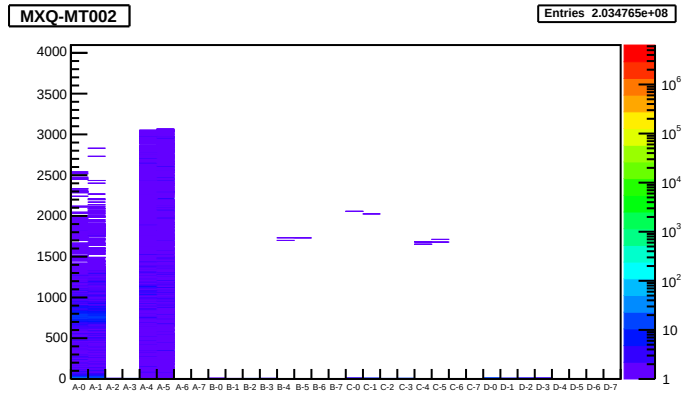

L2-TF201 Input chn 0 -- Number of Muons
Entries6358640
Number of Muons

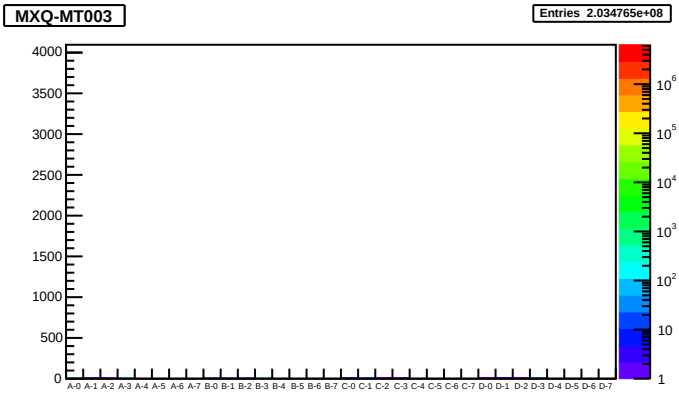

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

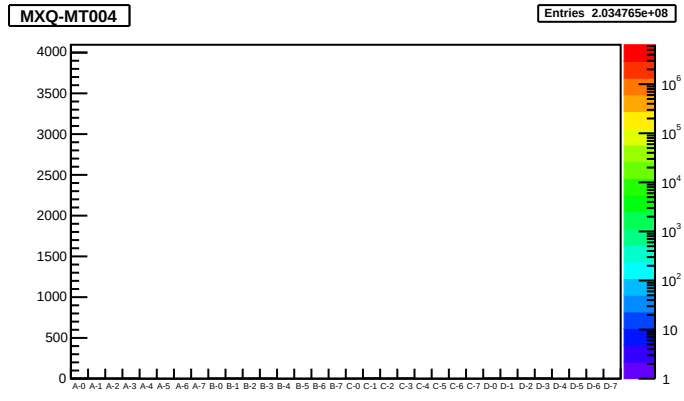

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.907592e+07
12154
51
34
6.34649e+06
6.35859e+06
6.35861e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

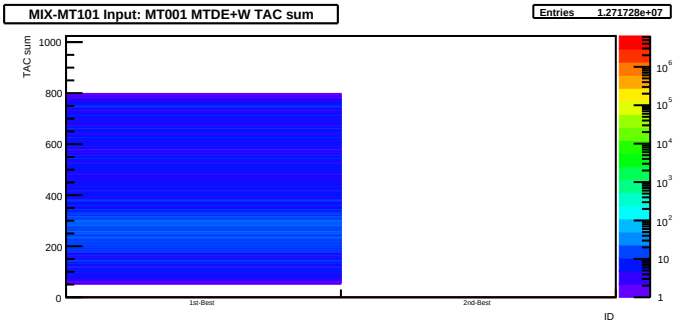

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

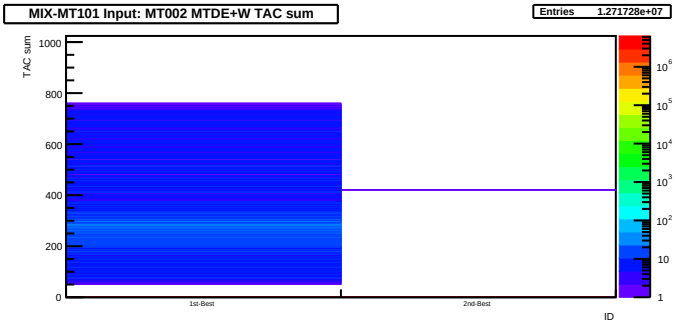

MXQ-MT001
Entries 2.034765e+08

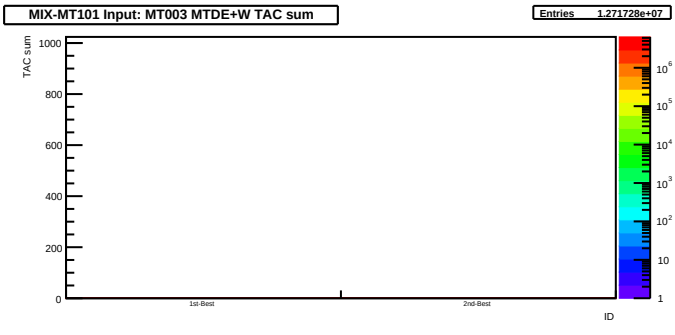

MXQ-MT002
Entries 2.034765e+08

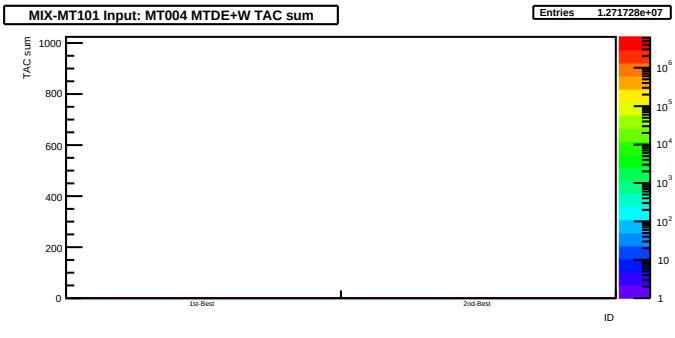

MXQ-MT003
Entries 2.034765e+08

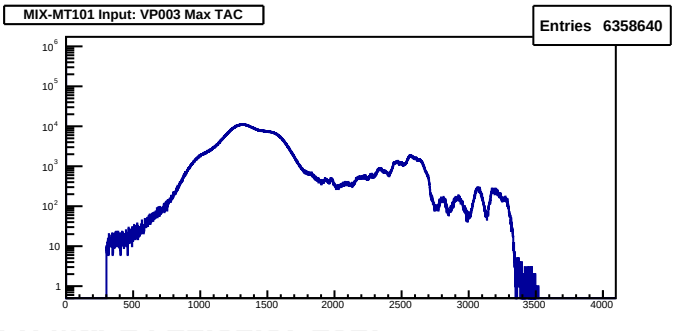

MXQ-MT004
Entries 2.034765e+08

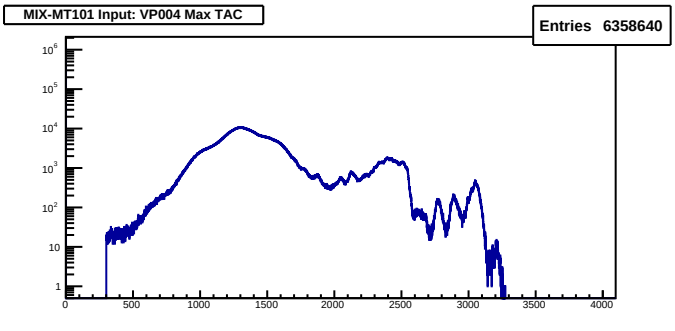

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.271728e+07
TAC sum
1st-Best
2nd-Best
ID

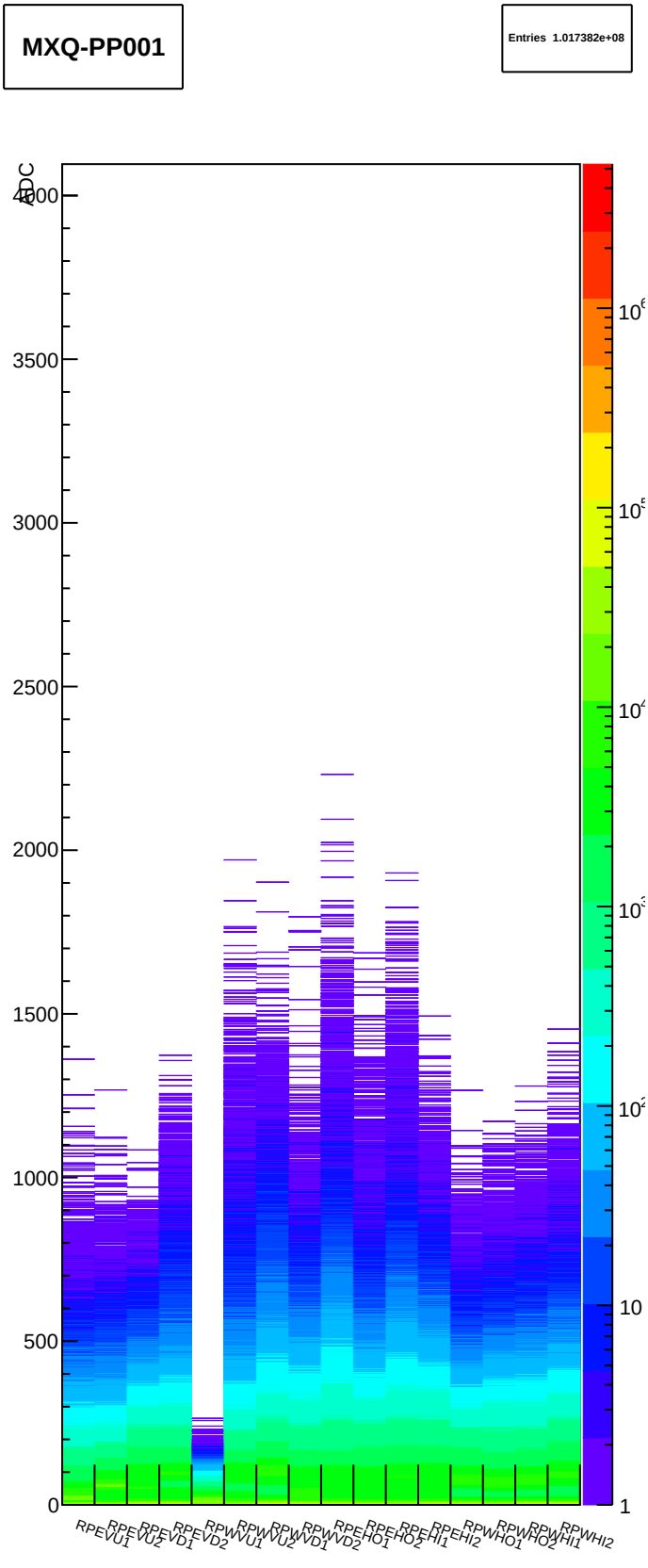

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.271728e+07
TAC sum
1st-Best
2nd-Best
ID

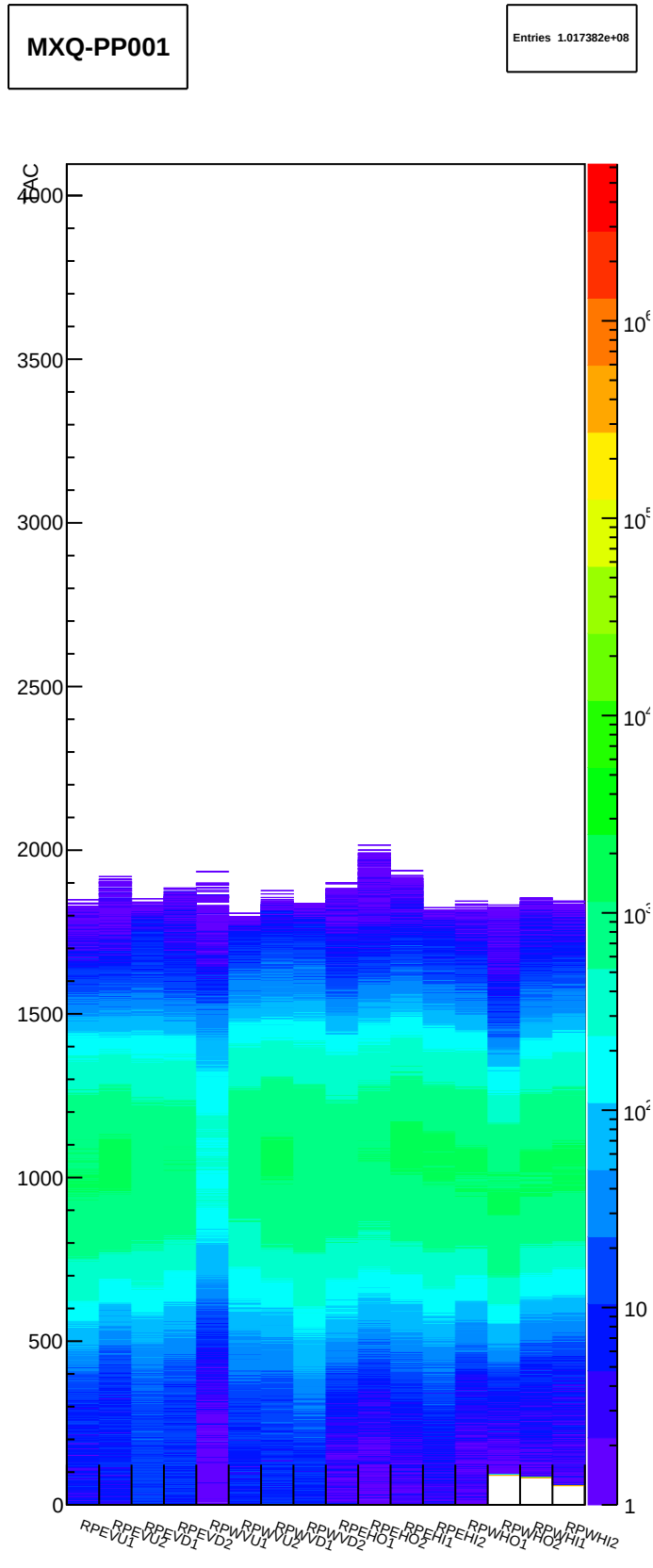

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.271728e+07
TAC sum
1st-Best
2nd-Best
ID

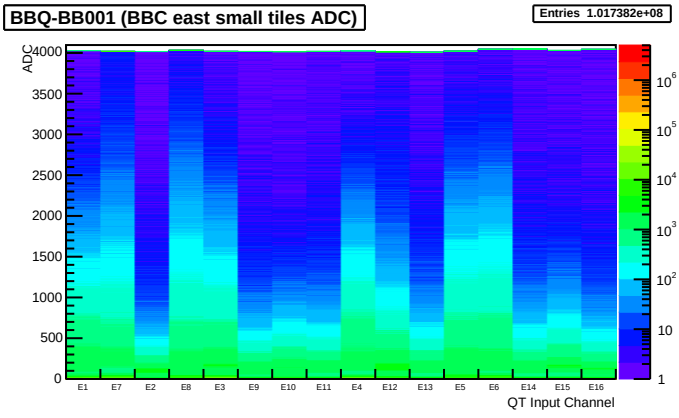

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.271728e+07
TAC sum
1st-Best
2nd-Best
ID

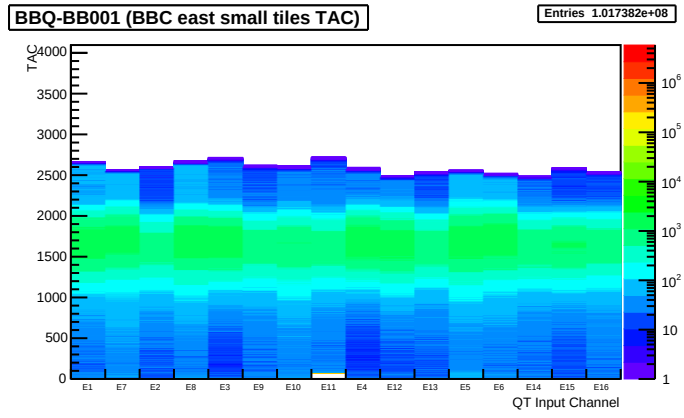

MIX-MT101 Input: VP003 Max TAC
Entries 6358640

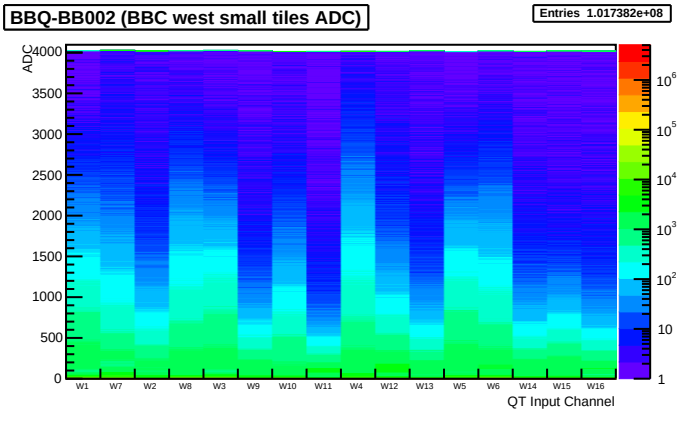

MIX-MT101 Input: VP004 Max TAC
Entries 6358640

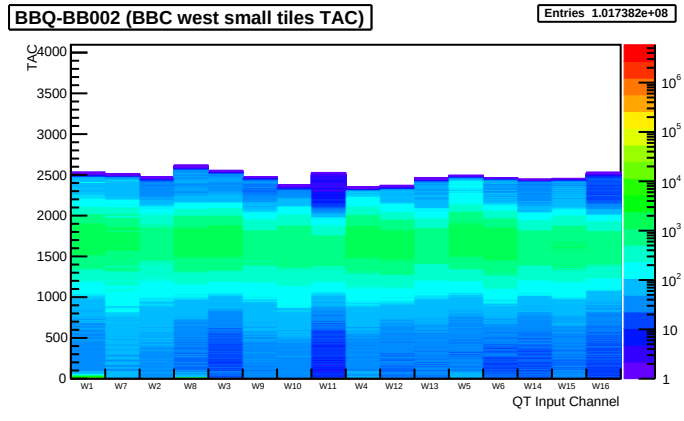

MXQ-PP001
Entries 1.017382e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

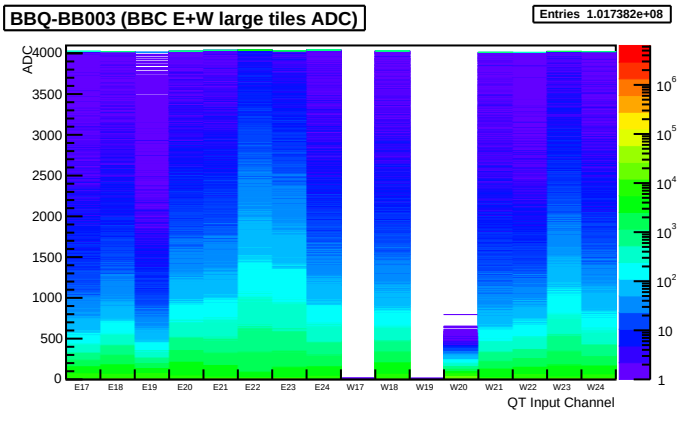

MXQ-PP001
Entries 1.017382e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

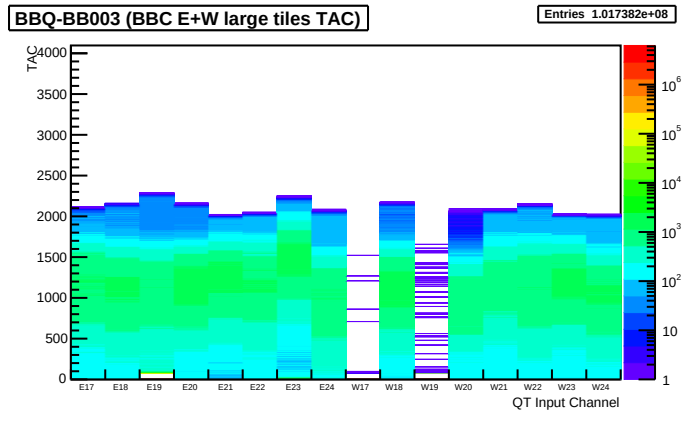

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.017382e+08
ADC
QT Input Channel

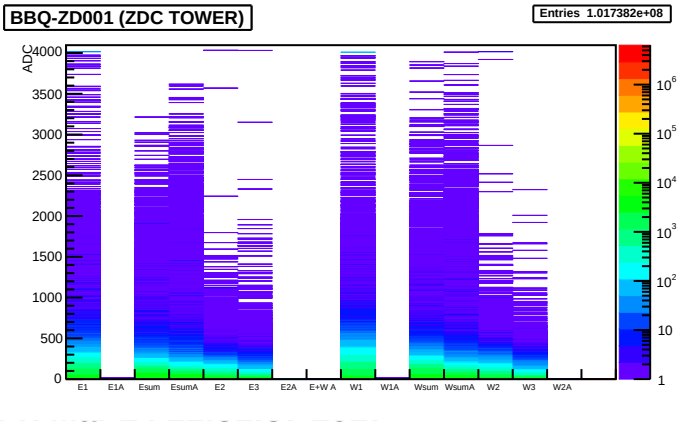

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.017382e+08
TAC
QT Input Channel

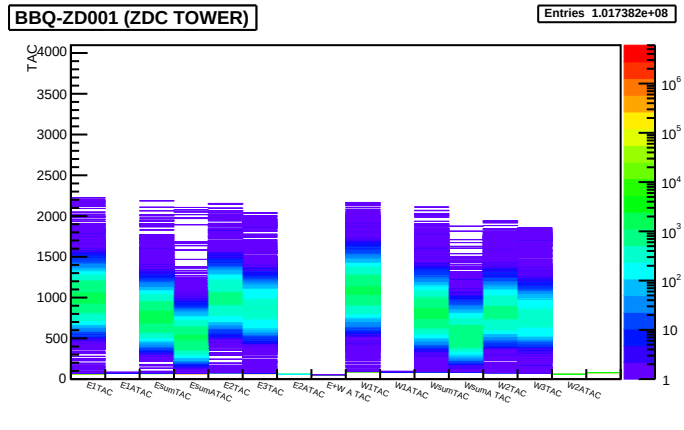

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.017382e+08
ADC
QT Input Channel

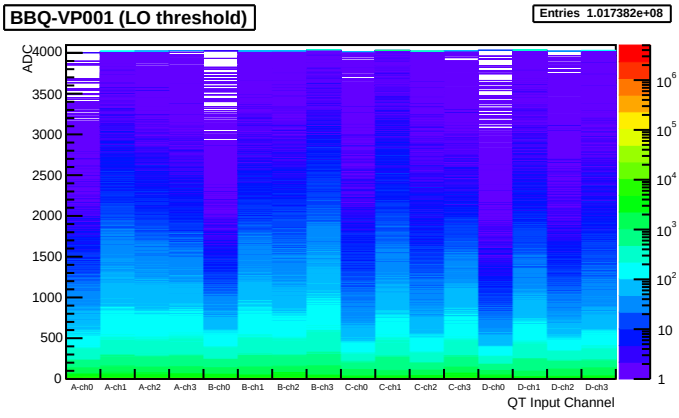

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.017382e+08
TAC
QT Input Channel

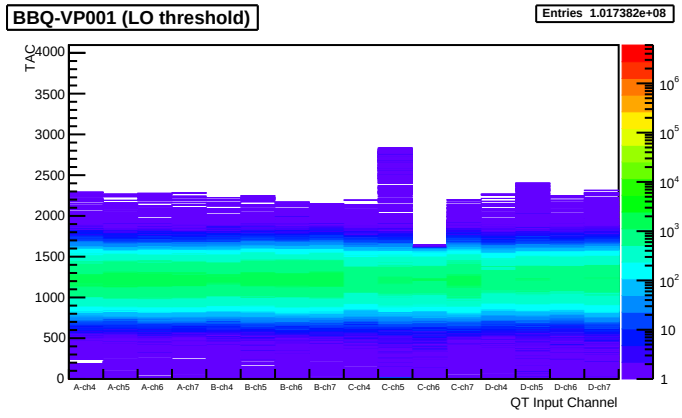

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.017382e+08
ADC
QT Input Channel

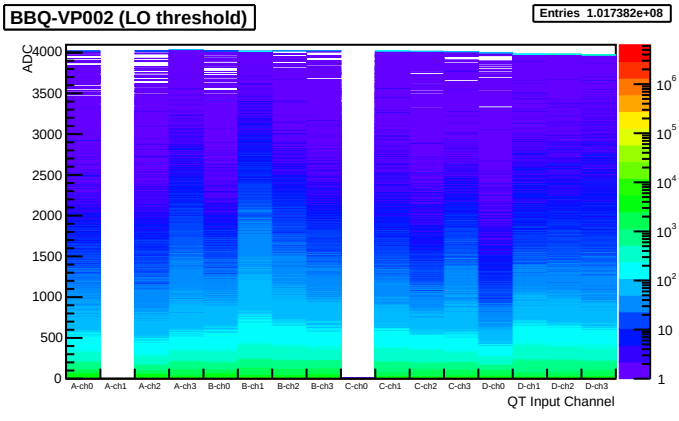

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.017382e+08
TAC
QT Input Channel

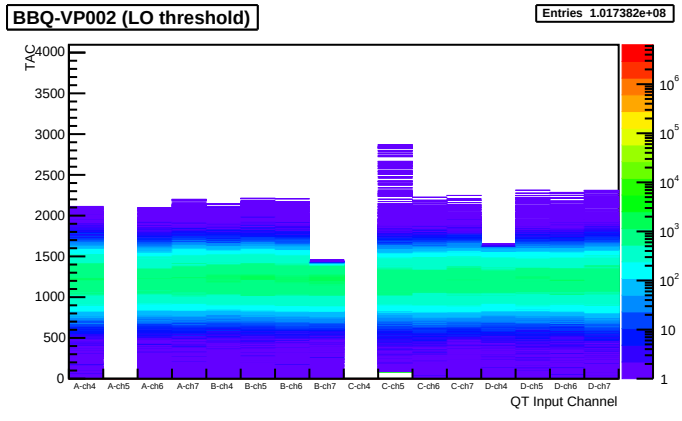

BBQ-ZD001 (ZDC TOWER)
Entries 1.017382e+08
ADC

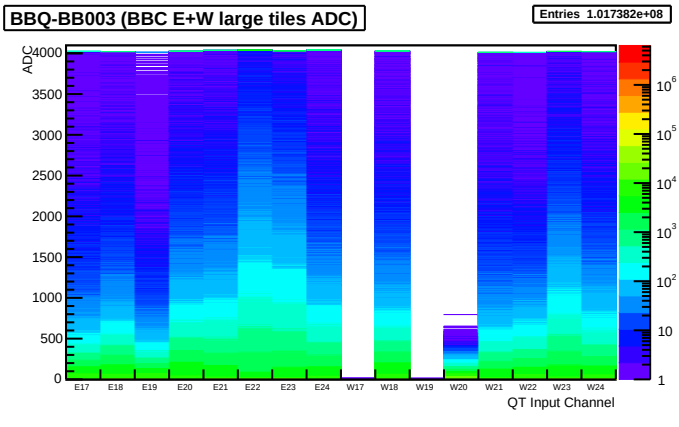

BBQ-ZD001 (ZDC TOWER)
Entries 1.017382e+08
TAC

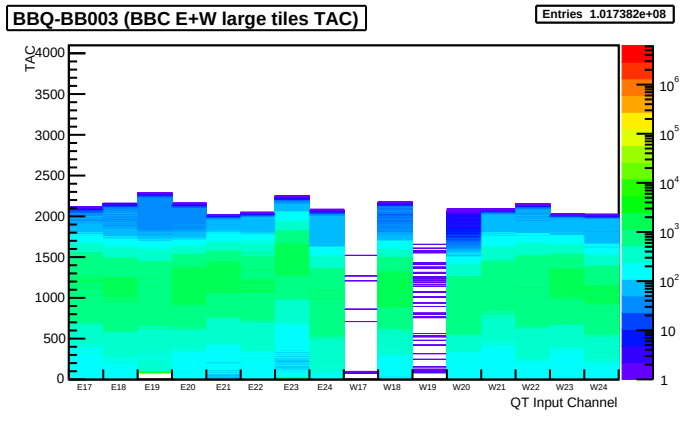

BBQ-VP001 (LO threshold)
Entries 1.017382e+08
ADC
QT Input Channel

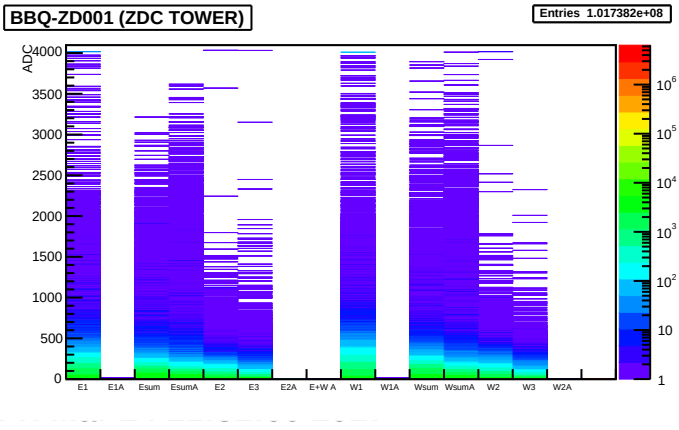

BBQ-VP001 (LO threshold)
Entries 1.017382e+08
TAC
QT Input Channel

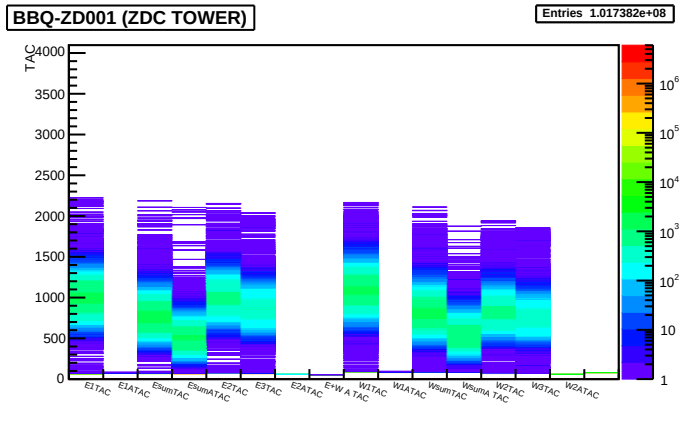

BBQ-VP002 (LO threshold)
Entries 1.017382e+08
ADC
QT Input Channel

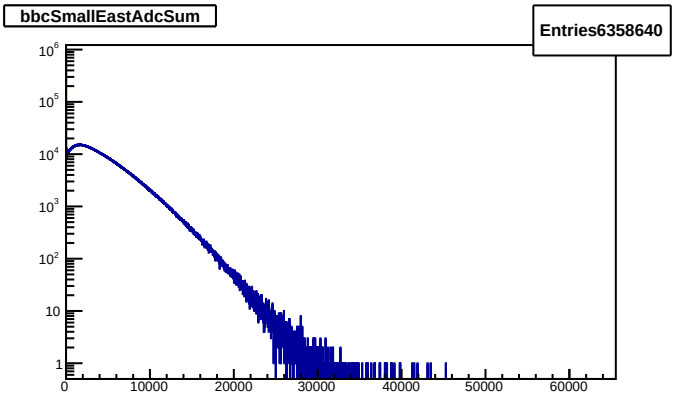

BBQ-VP002 (LO threshold)
Entries 1.017382e+08
TAC
QT Input Channel

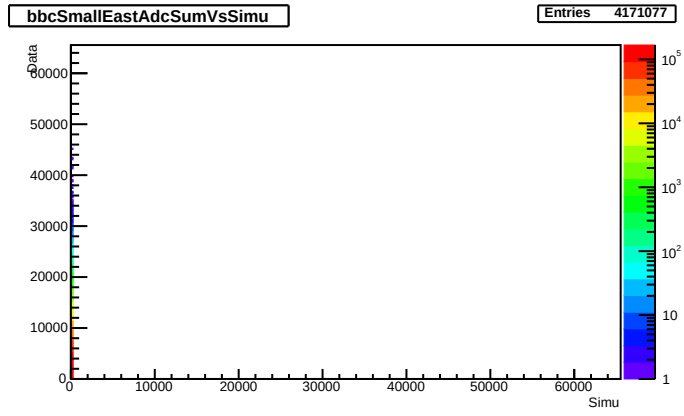

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.017382e+08
ADC
QT Input Channel

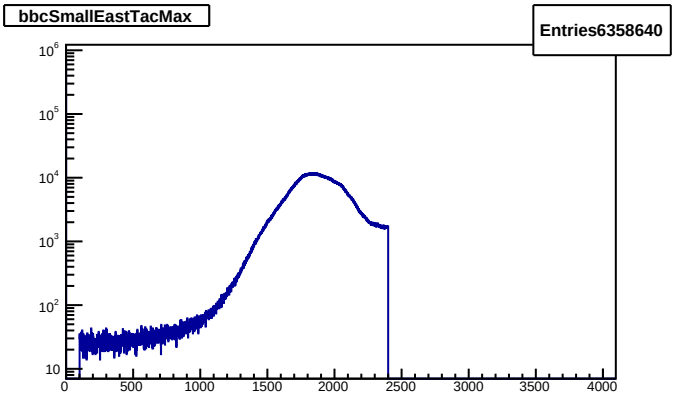

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.017382e+08
TAC
QT Input Channel

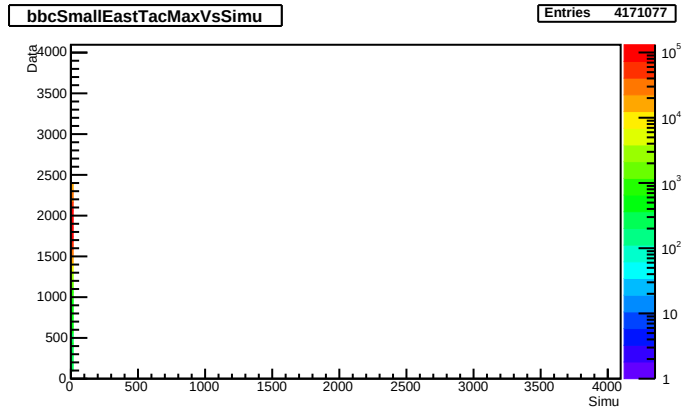

BBQ-ZD001 (ZDC TOWER)
Entries 1.017382e+08
ADC

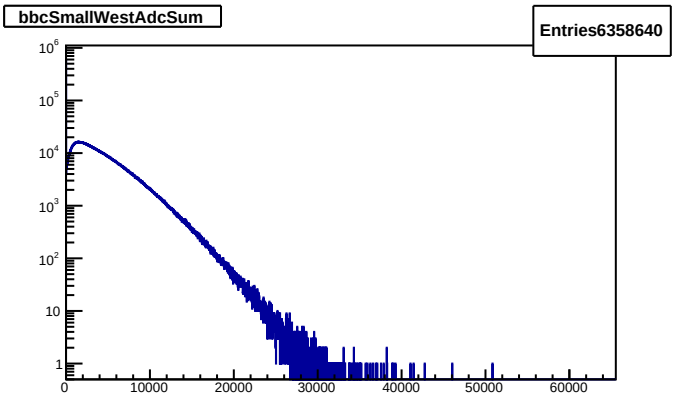

BBQ-ZD001 (ZDC TOWER)
Entries 1.017382e+08
TAC

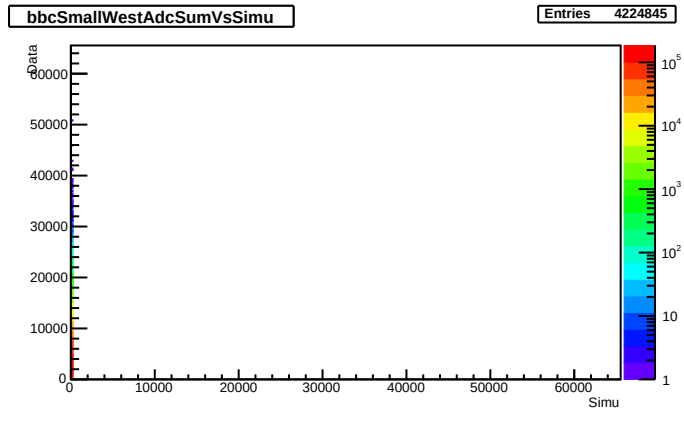

bbcSmallEastAdcSum
Entries6358640

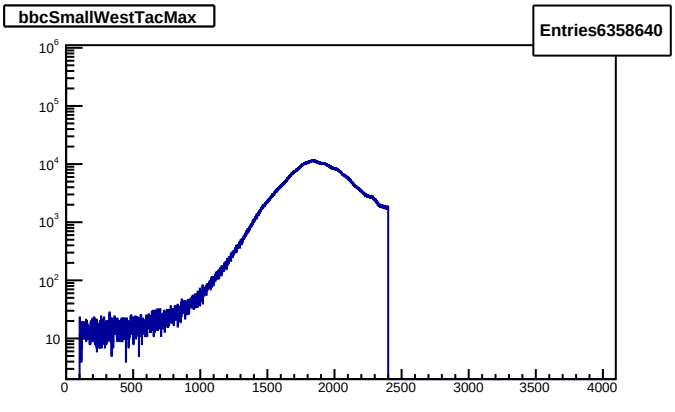

bbcSmallEastAdcSumVsSimu
Entries 4171077
Data
Simu

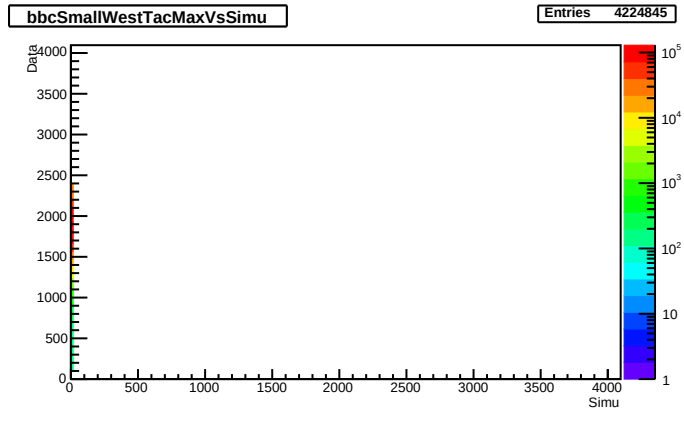

bbcSmallEastTacMax
Entries6358640

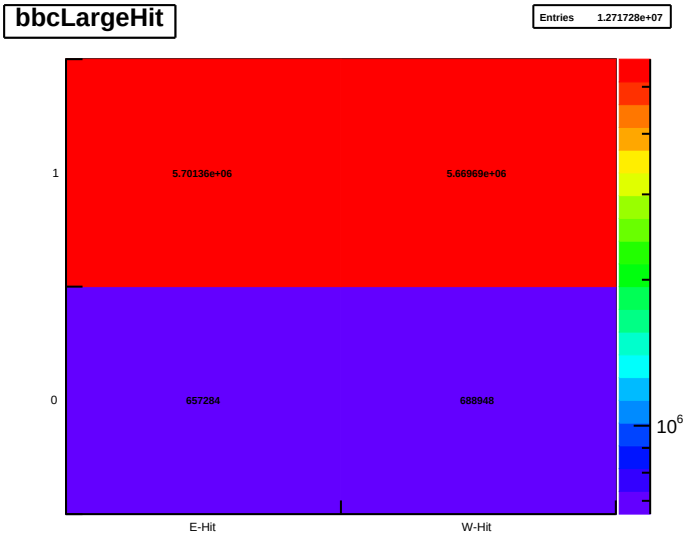

bbcSmallEastTacMaxVsSimu
Entries 4171077
Data
Simu

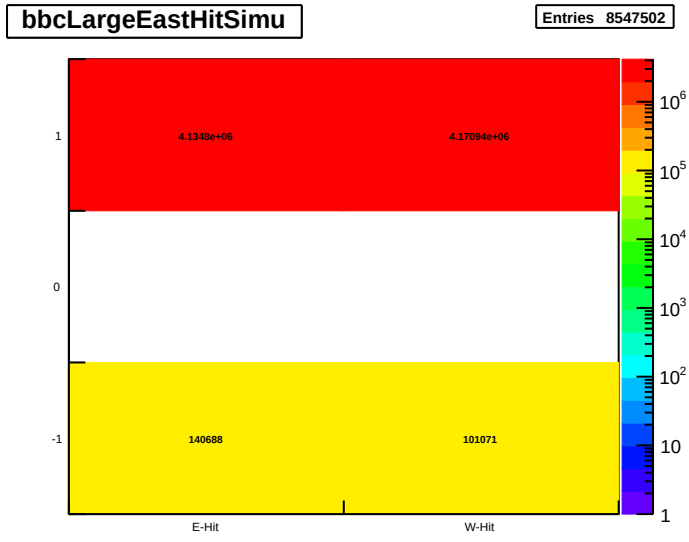

bbcSmallWestAdcSum
Entries6358640

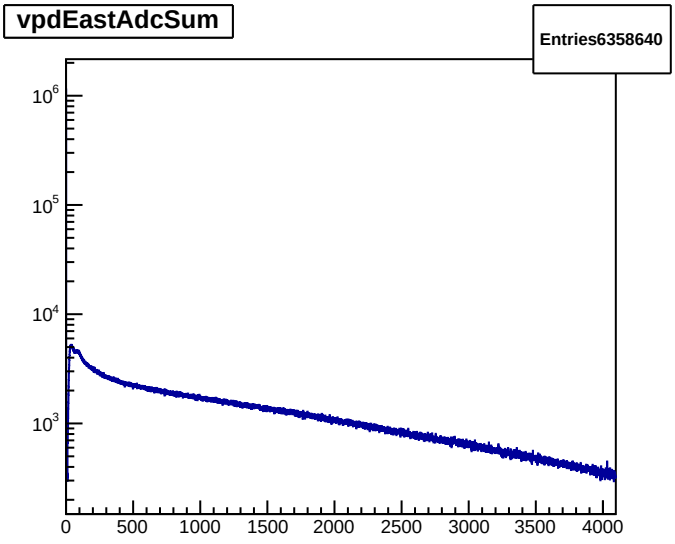

bbcSmallWestAdcSumVsSimu
Entries 4224845
Data
Simu

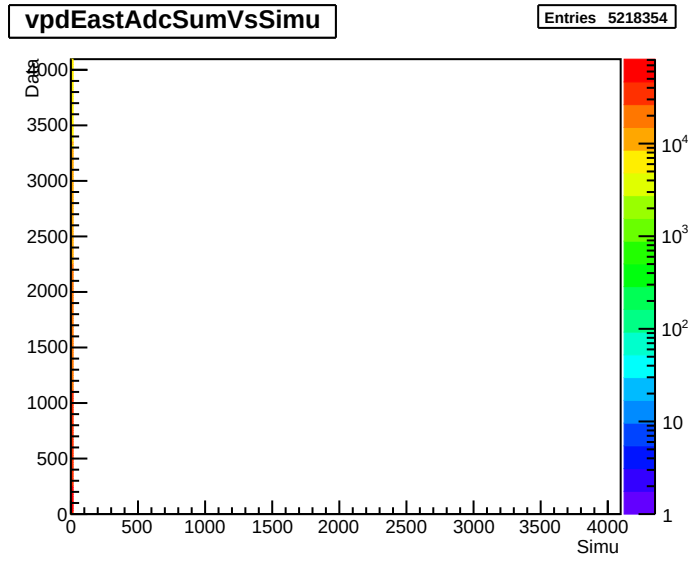

bbcSmallWestTacMax
Entries6358640

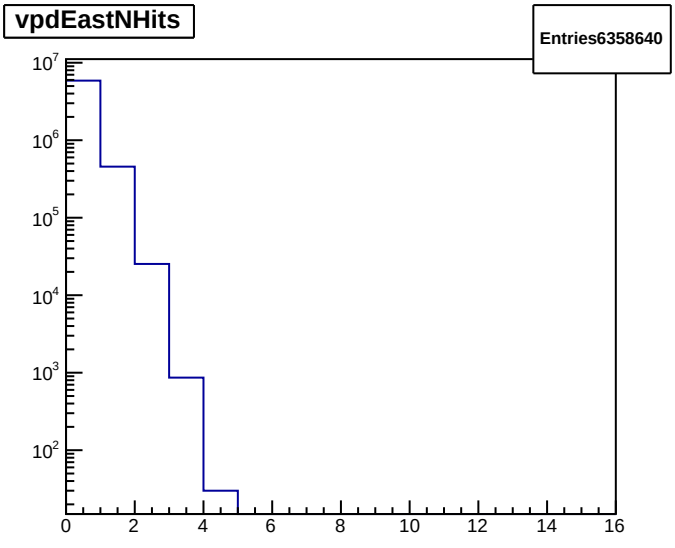

bbcSmallWestTacMaxVsSimu
Entries 4224845
Data
Simu

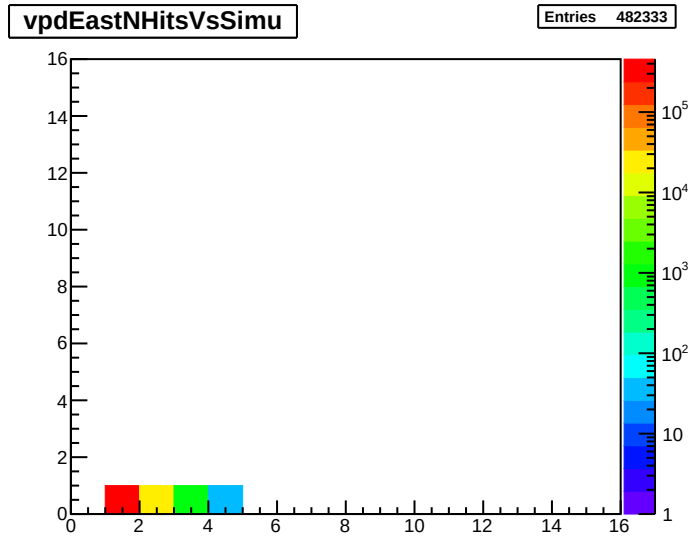

bbcLargeHit
Entries 1.271728e+07
1
0
5.70136e+06
5.66969e+06
657284
688948
E-Hit
W-Hit
10^6

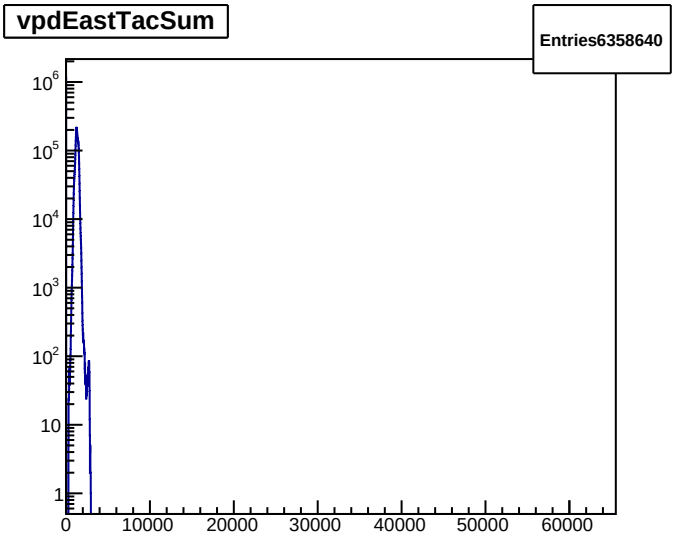

bbcLargeEastHitSimu
Entries 8547502
1
0
-1
4.1348e+06
4.17094e+06
140688
101071
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

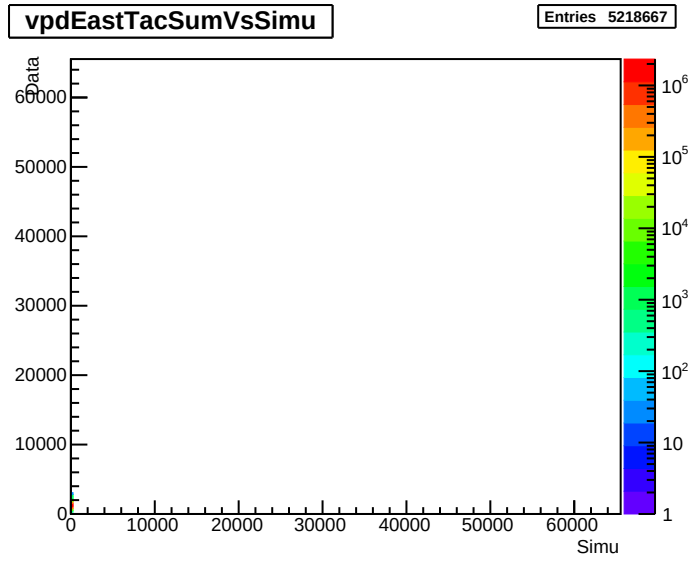

vpdEastAdcSum
Entries6358640

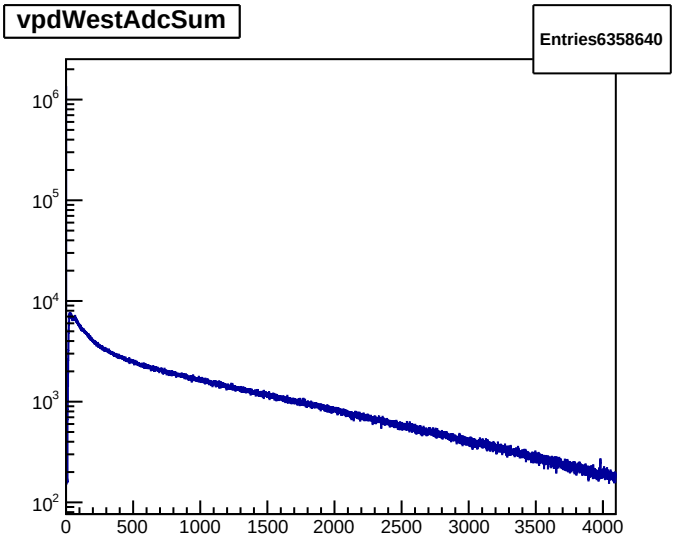

vpdEastAdcSumVsSimu
Entries 5218354
Data
Simu

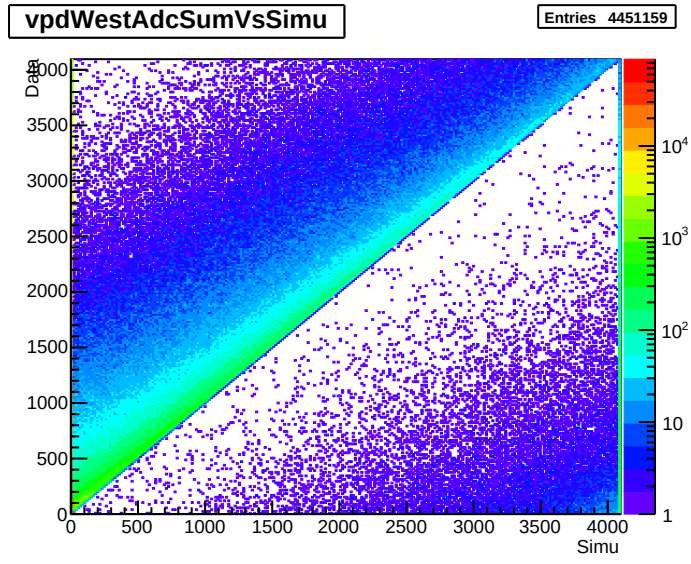

vpdEastNHits
Entries6358640

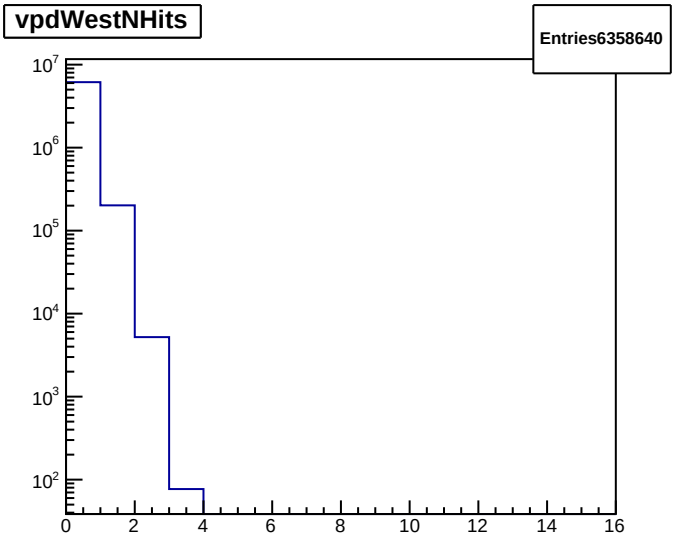

vpdEastNHitsVsSimu
Entries 482333

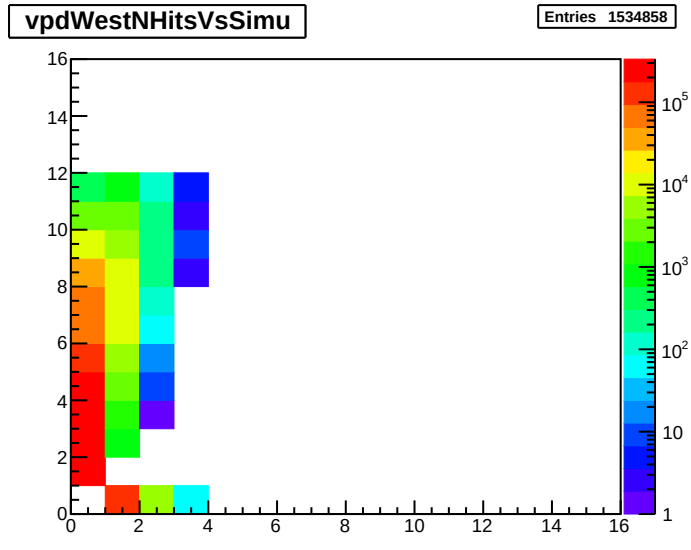

vpdEastTacSum
Entries6358640

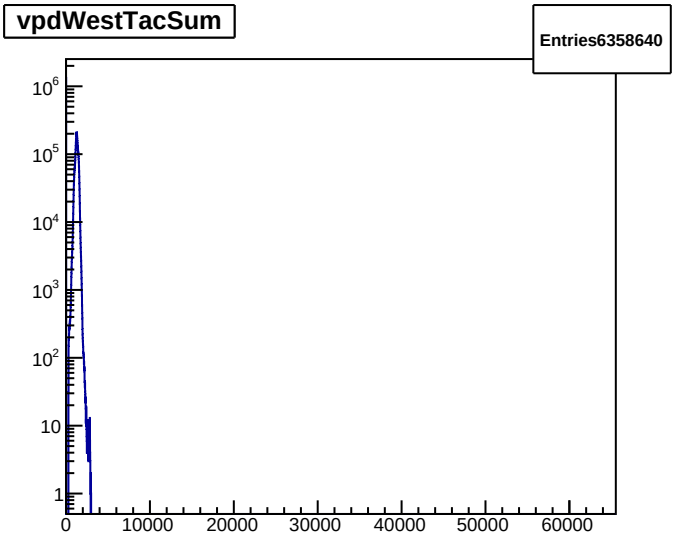

vpdEastTacSumVsSimu
Entries 5218667
Data
Simu

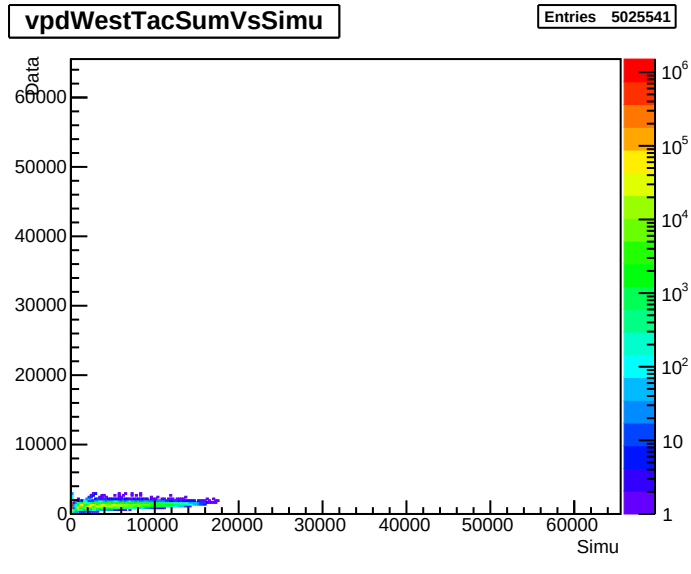

vpdWestAdcSum
Entries6358640

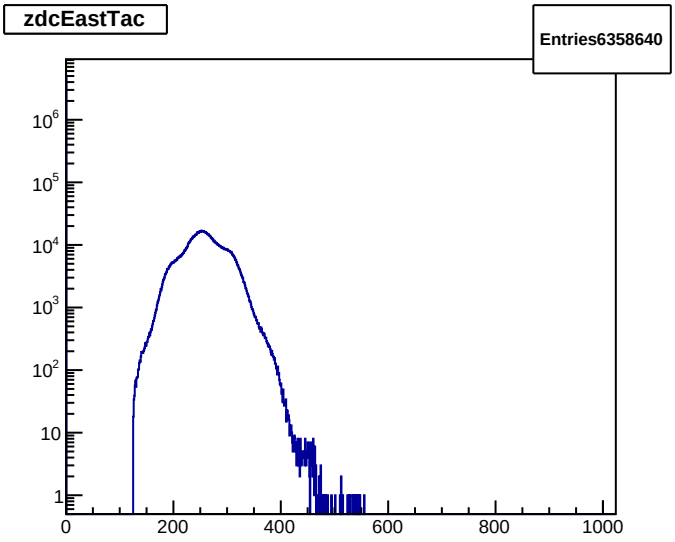

vpdWestAdcSumVsSimu
Entries 4451159
Data
Simu

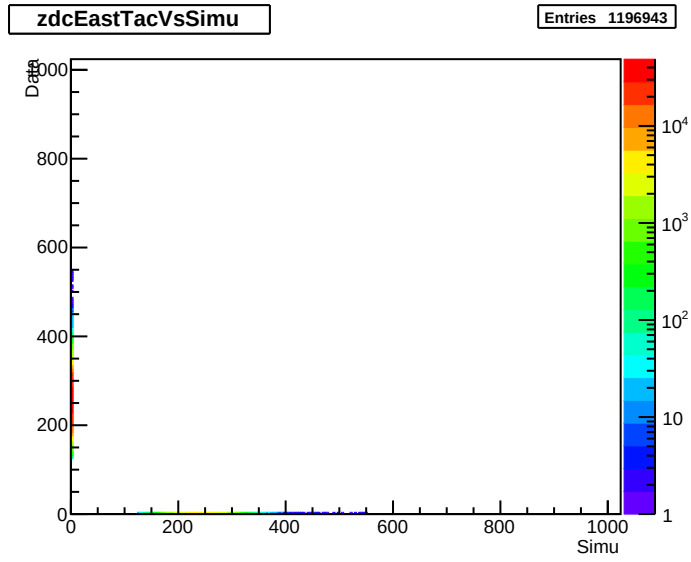

vpdWestNHits
Entries6358640

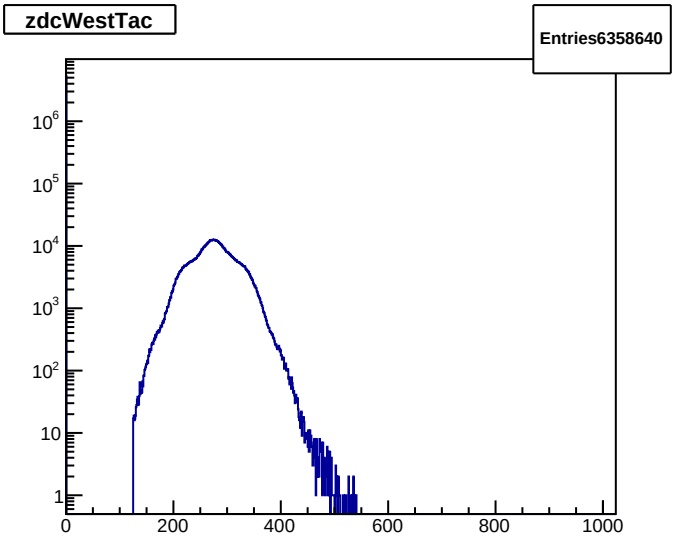

vpdWestNHitsVsSimu
Entries 1534858

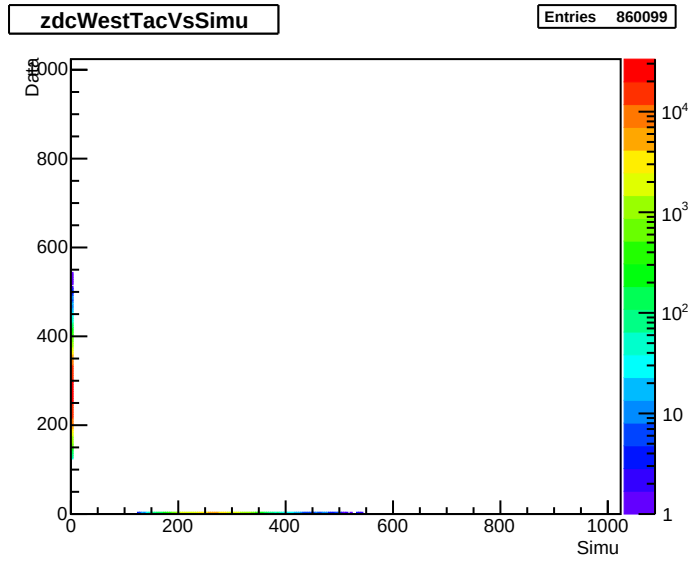

vpdWestTacSum
Entries6358640

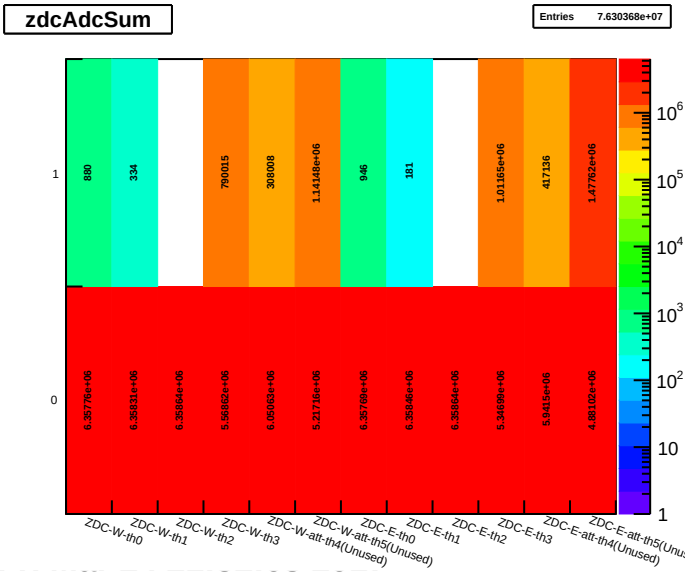

vpdWestTacSumVsSimu
Entries 5025541
Data
Simu

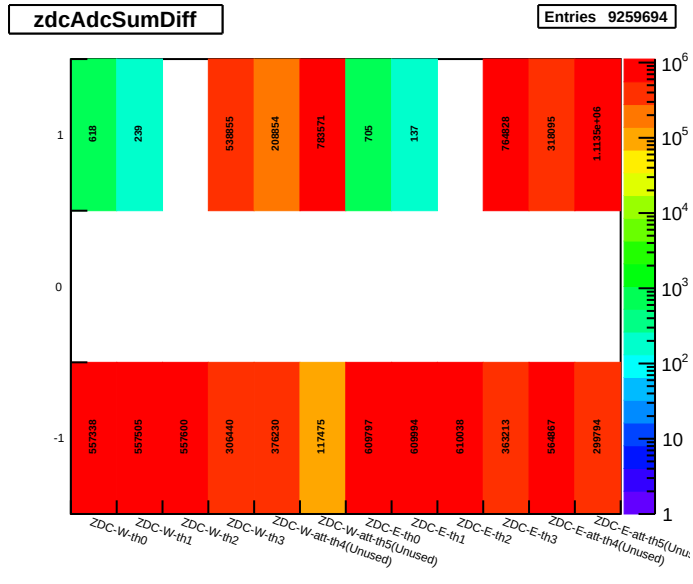

zdcEastTac
Entries6358640

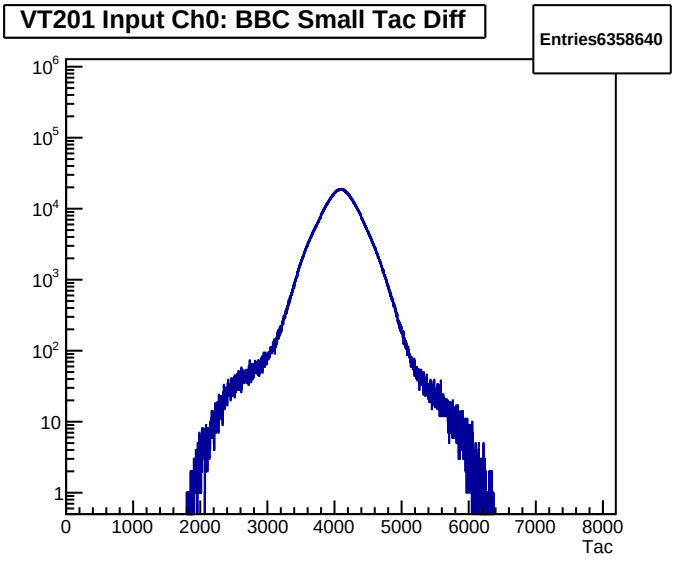

zdcEastTacVsSimu
Entries 1196943
Data
Simu

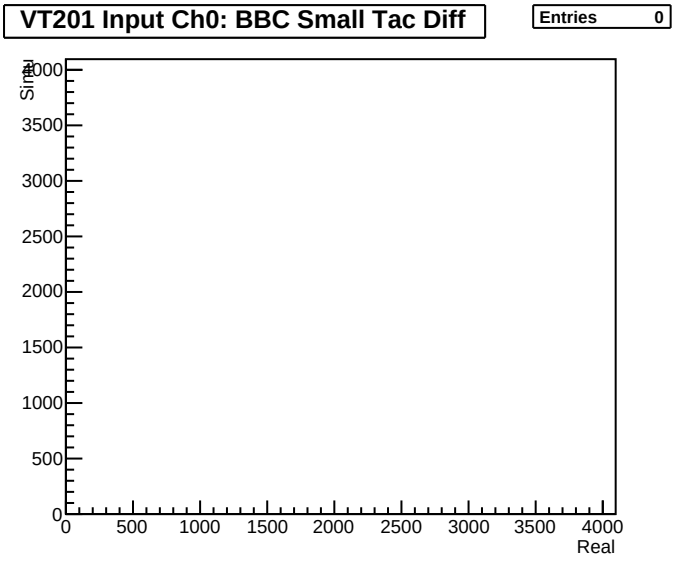

zdcWestTac
Entries6358640

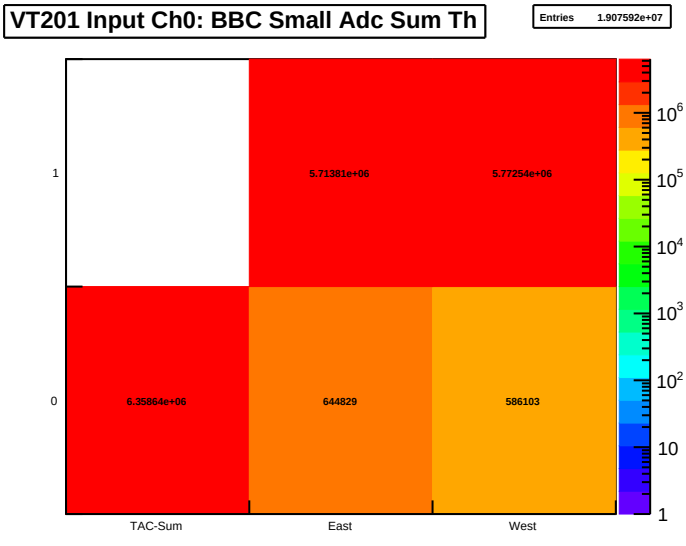

zdcWestTacVsSimu
Entries 860099
Data
Simu

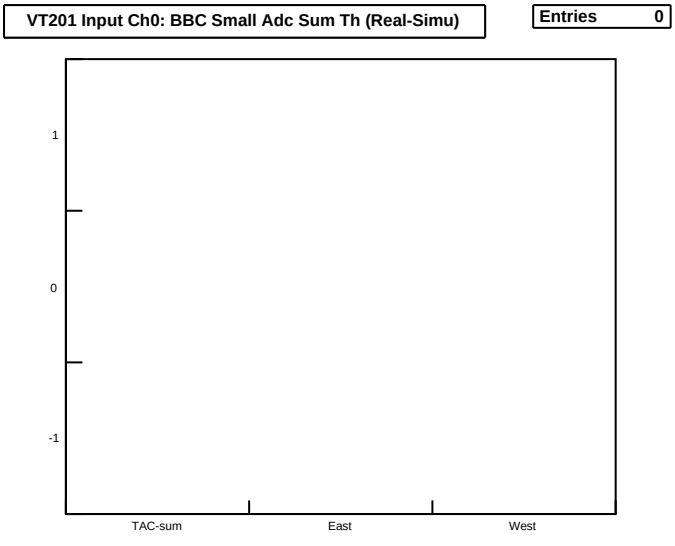

zdcAdcSum
Entries 7.630368e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

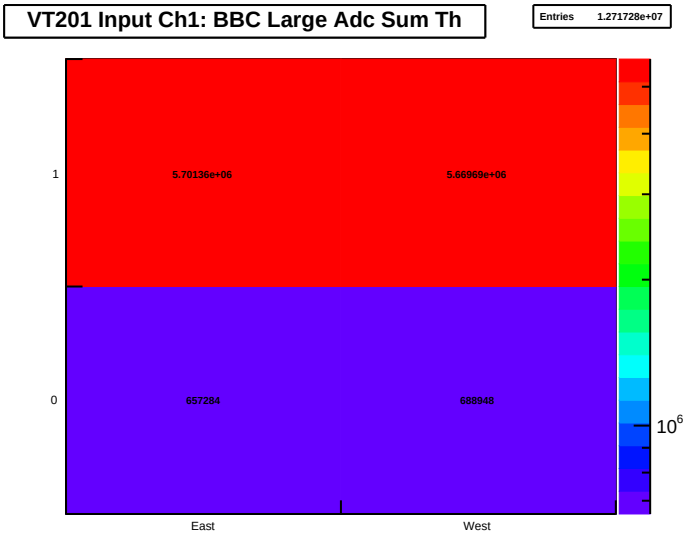

zdcAdcSumDiff
Entries 9259694
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

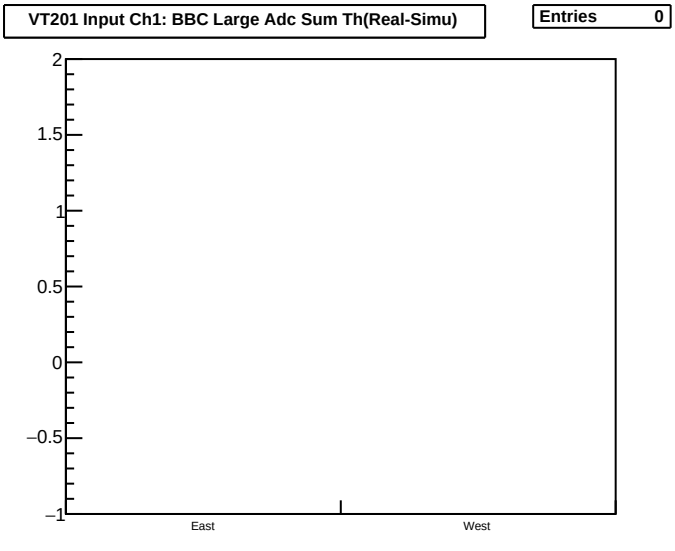

VT201 Input Ch0: BBC Small Tac Diff
Entries6358640
Tac


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

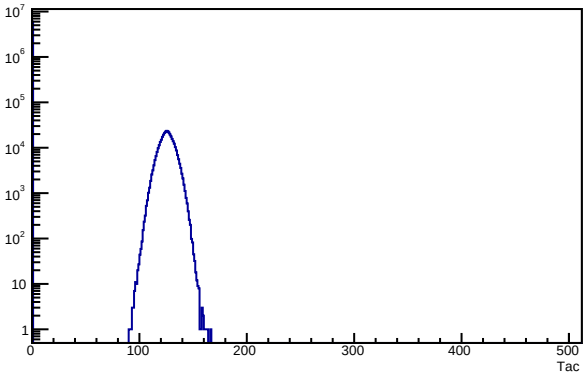

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.907592e+07
5.71381e+06
5.77254e+06
6.35864e+06
644829
586103
TAC-Sum
East
West


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

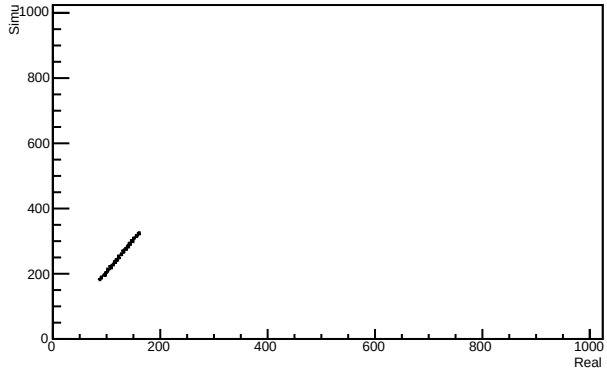

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.271728e+07
5.70136e+06
5.66969e+06
657284
688948
East
West


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

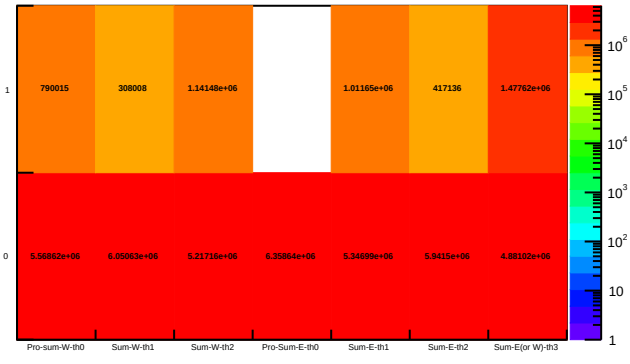
VT201 Input Ch2: ZDC Tac Diff



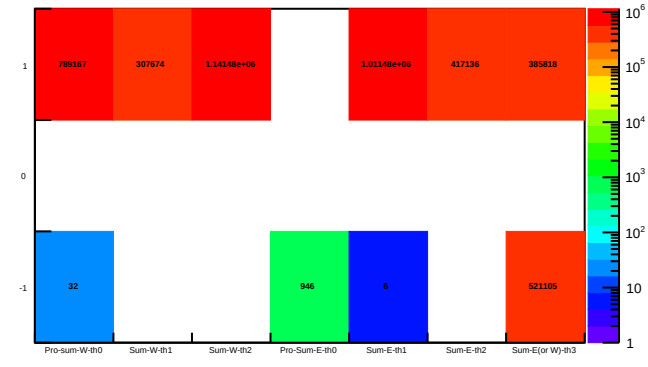
VT201 Input Ch2: ZDC Tac Diff



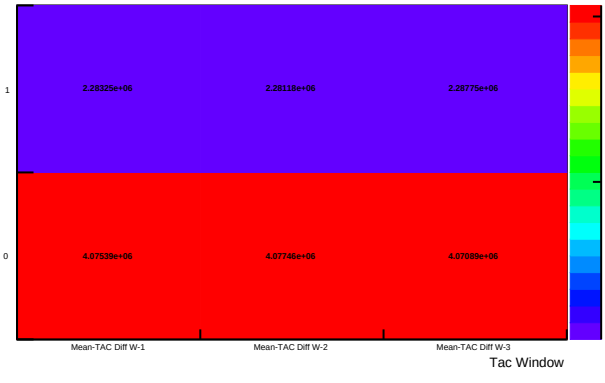
VT201 Input Ch2: ZDC Adc Sum Th



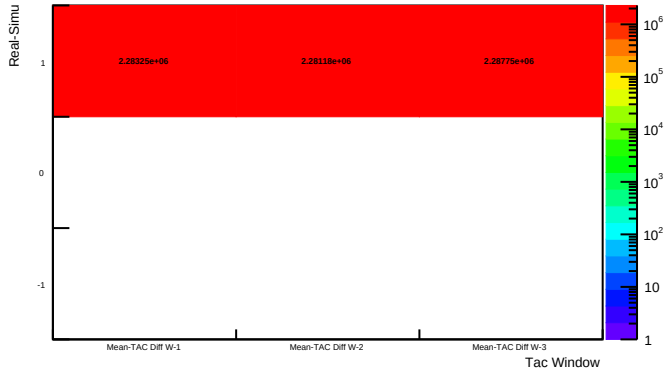
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



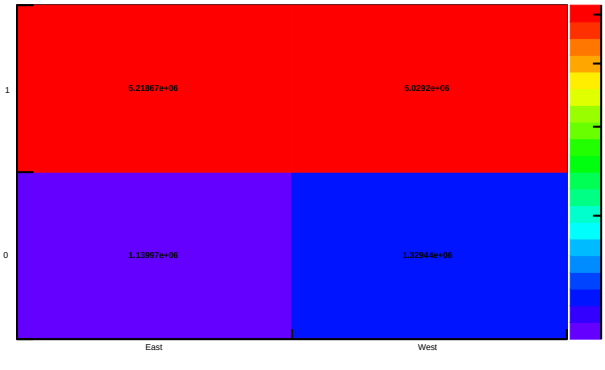
VT201 Input Ch4: VPD Tac Diff



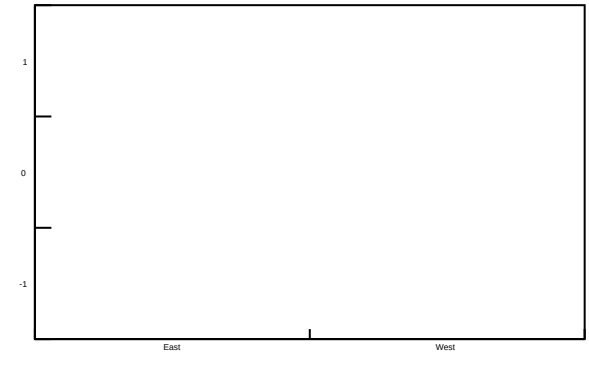
VT201 Input Ch4: VPD Tac Diff

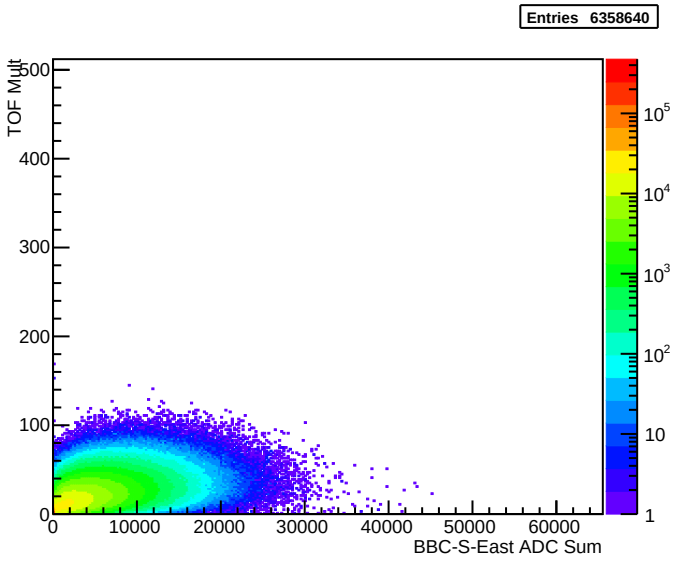


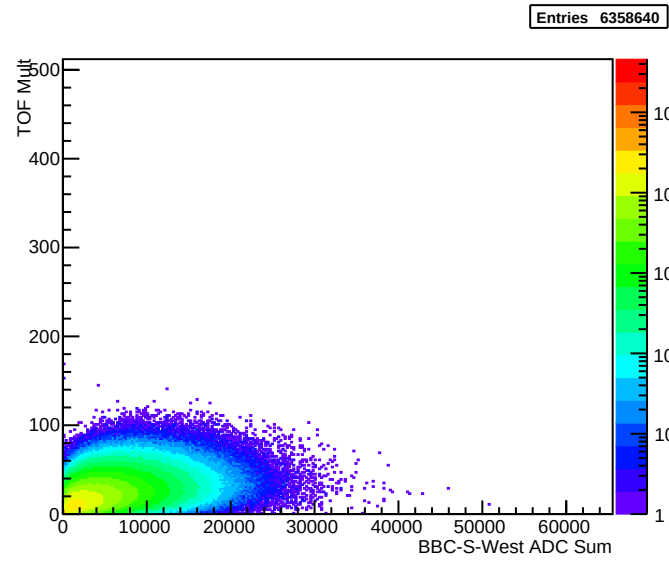
VT201 Input Ch4: VPD Adc Sum Th

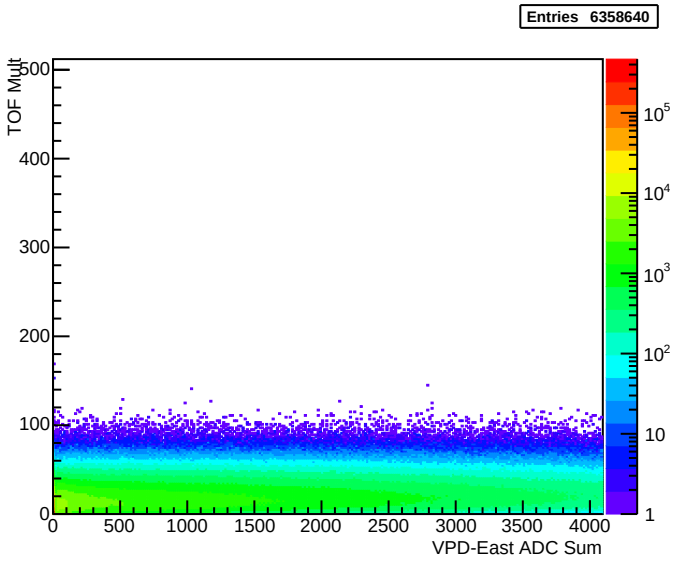


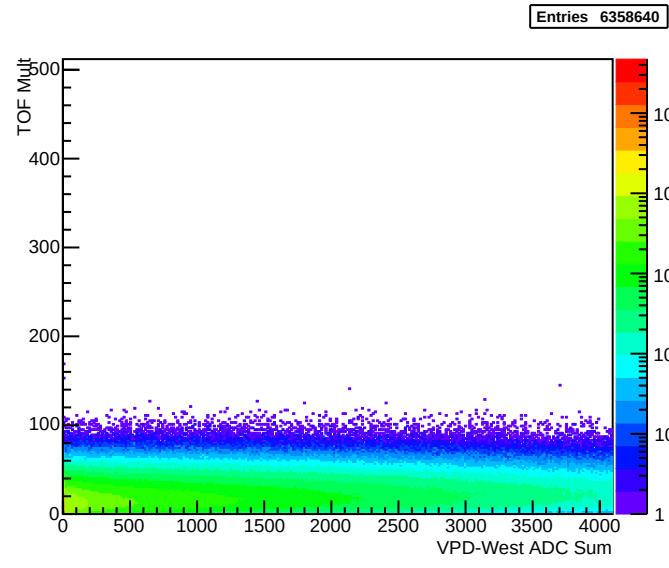
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

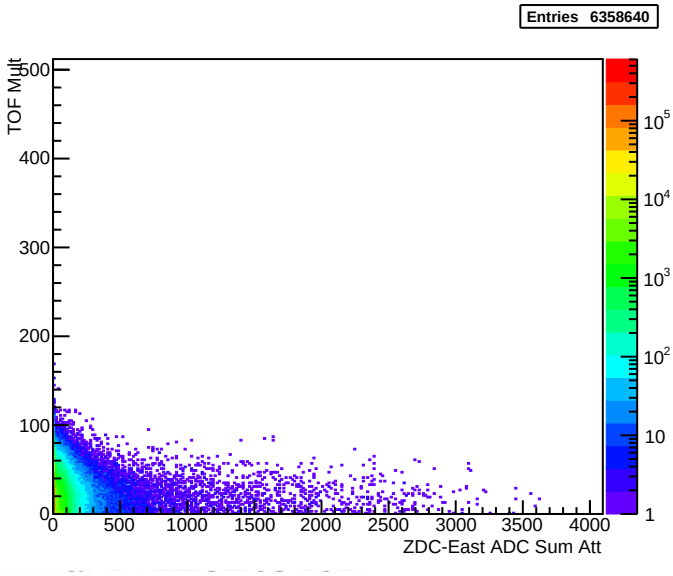


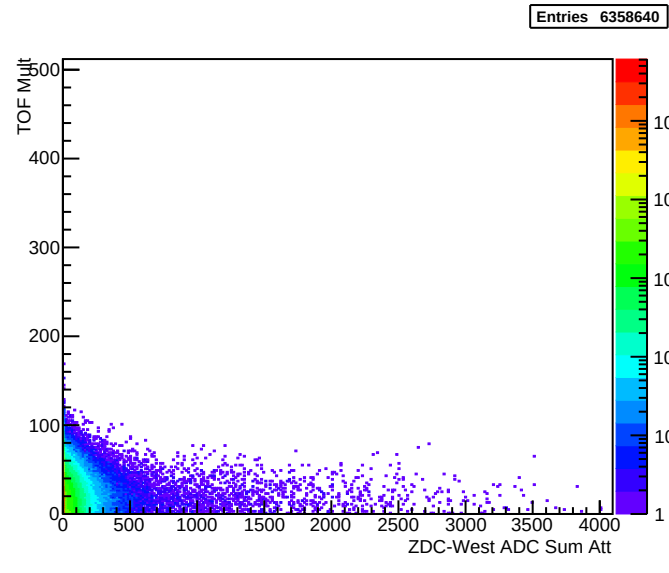

Entries 6358640
TOF Mult
BBC-S-East ADC Sum

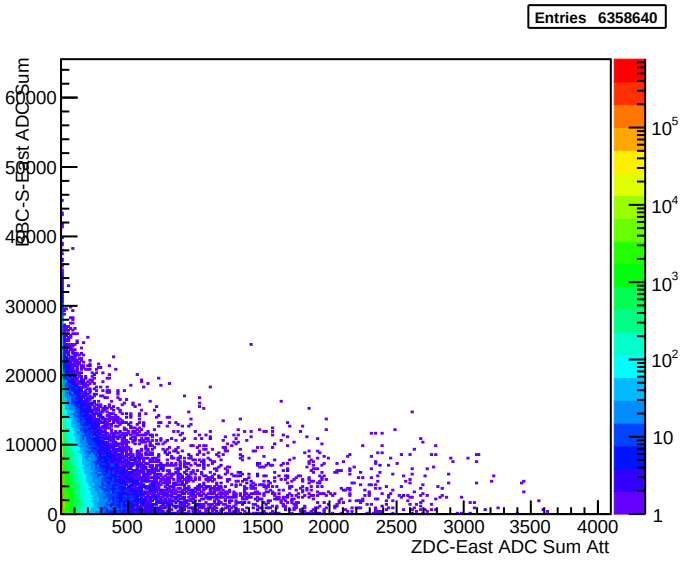

Entries 6358640
TOF Mult
BBC-S-West ADC Sum

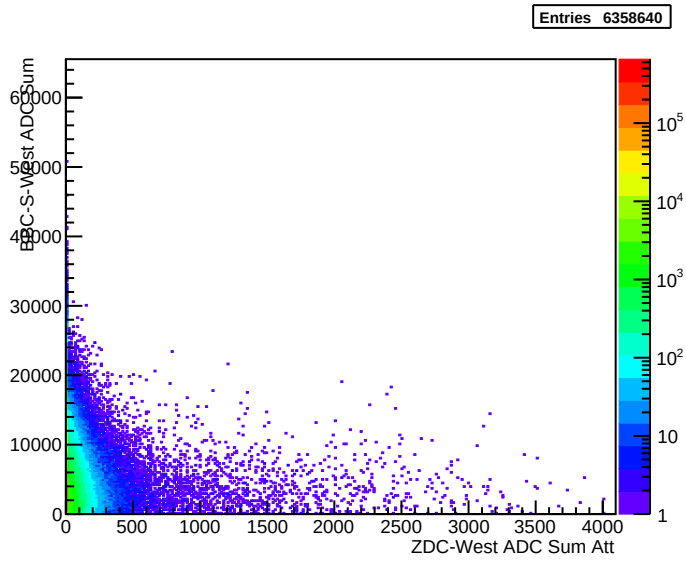

Entries 6358640
TOF Mult
VPD-East ADC Sum

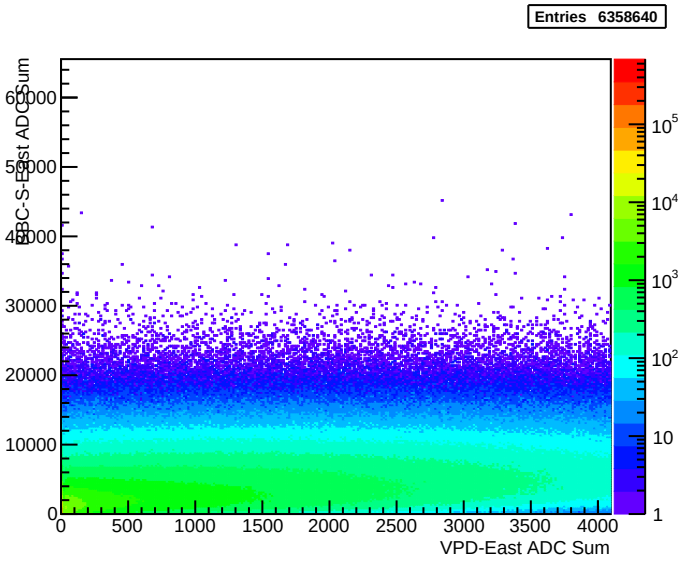

Entries 6358640
TOF Mult
VPD-West ADC Sum

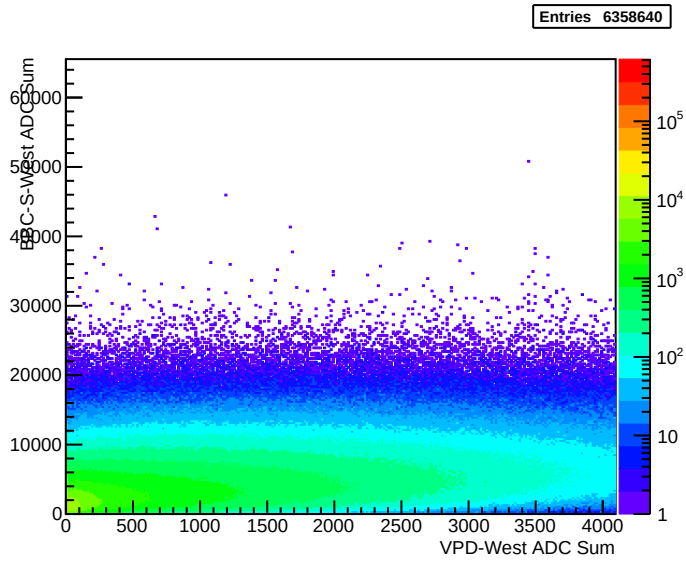

Entries 6358640
TOF Mult
ZDC-East ADC Sum Att

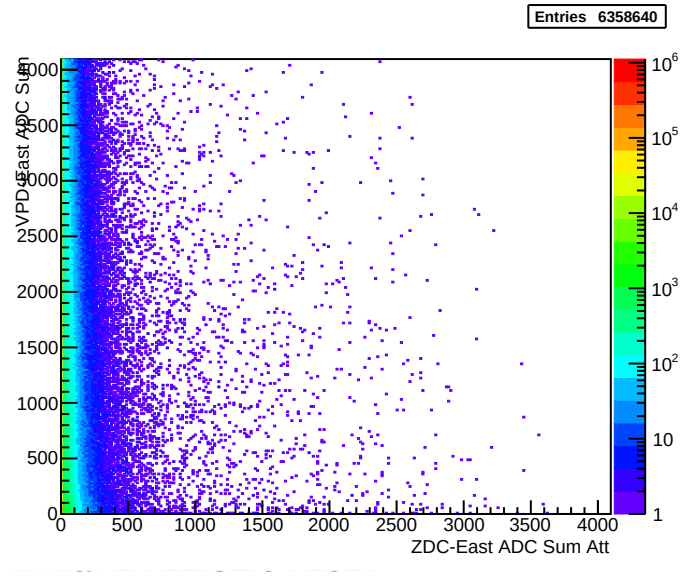

Entries 6358640
TOF Mult
ZDC-West ADC Sum Att

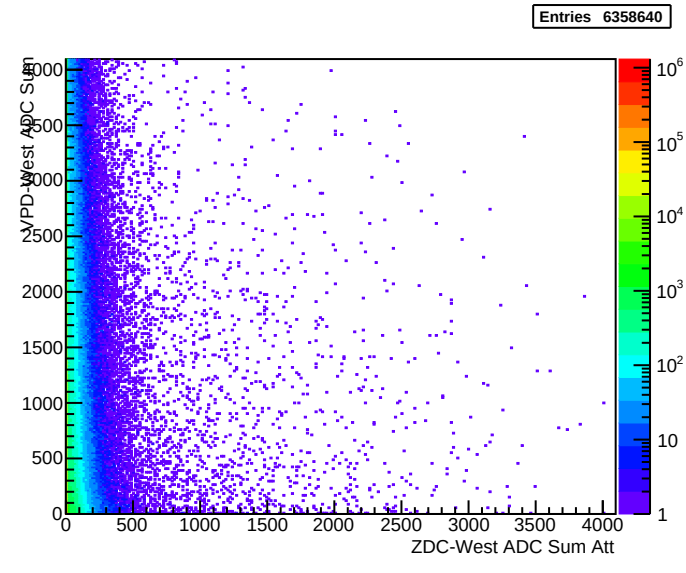

Entries 6358640
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

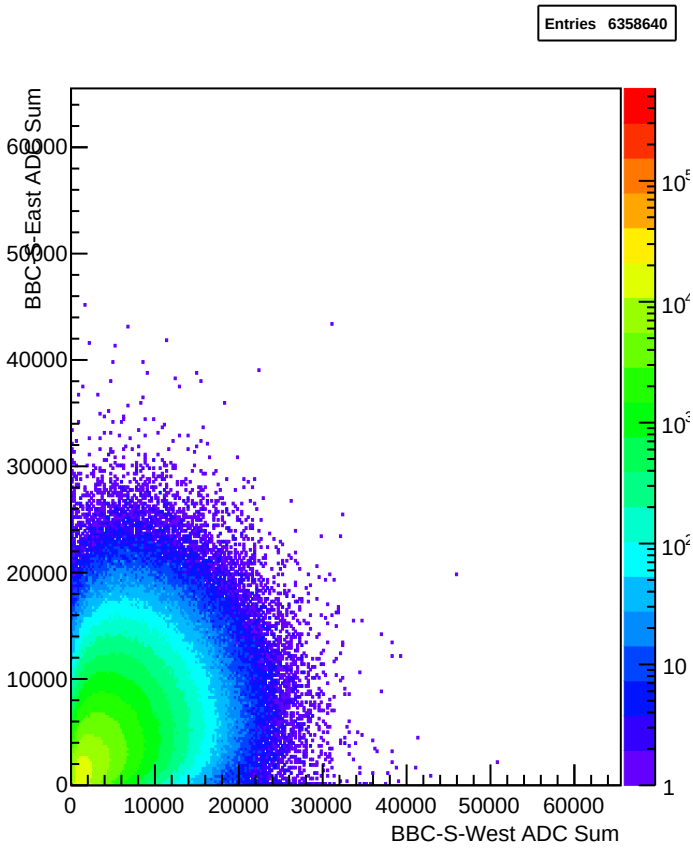

Entries 6358640
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

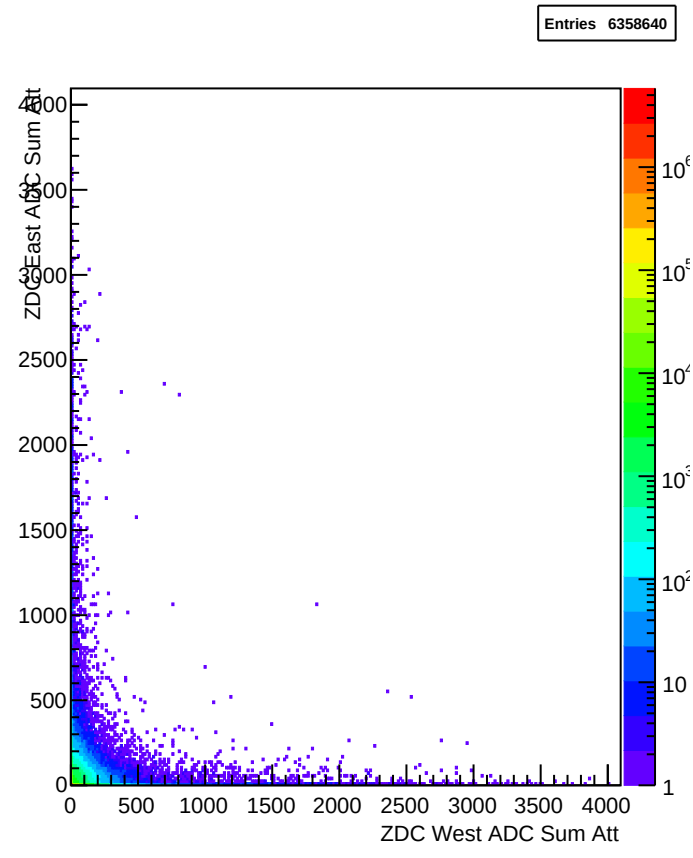

Entries 6358640
BBC-S-East ADC Sum
VPD-East ADC Sum

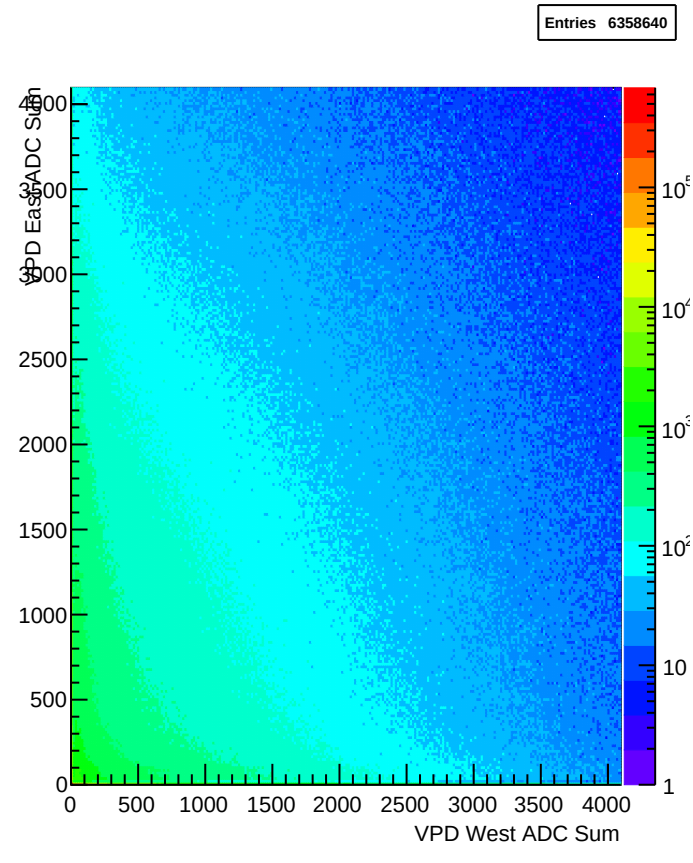

Entries 6358640
BBC-S-West ADC Sum
VPD-West ADC Sum

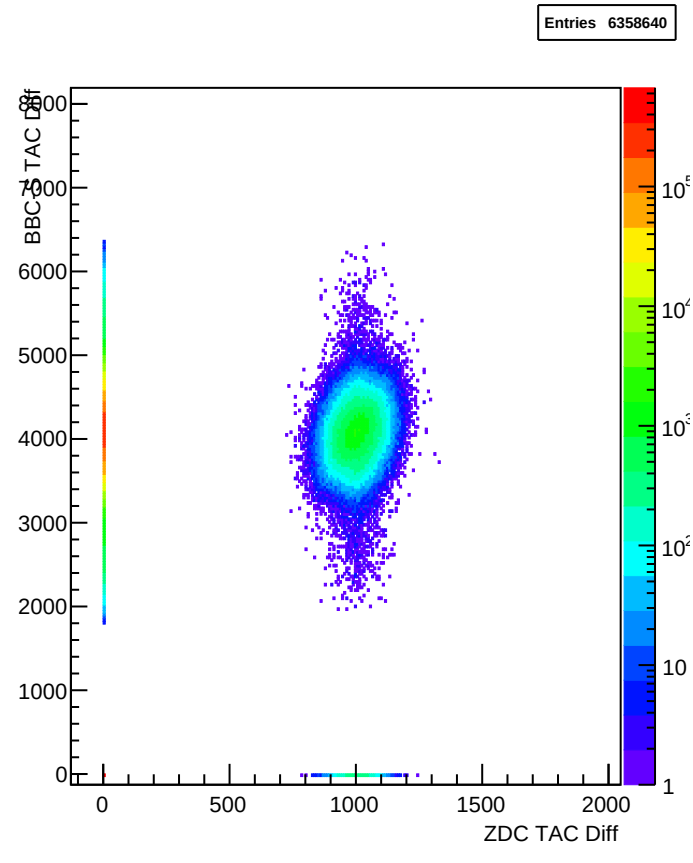

Entries 6358640
VPD-East ADC Sum
ZDC-East ADC Sum Att

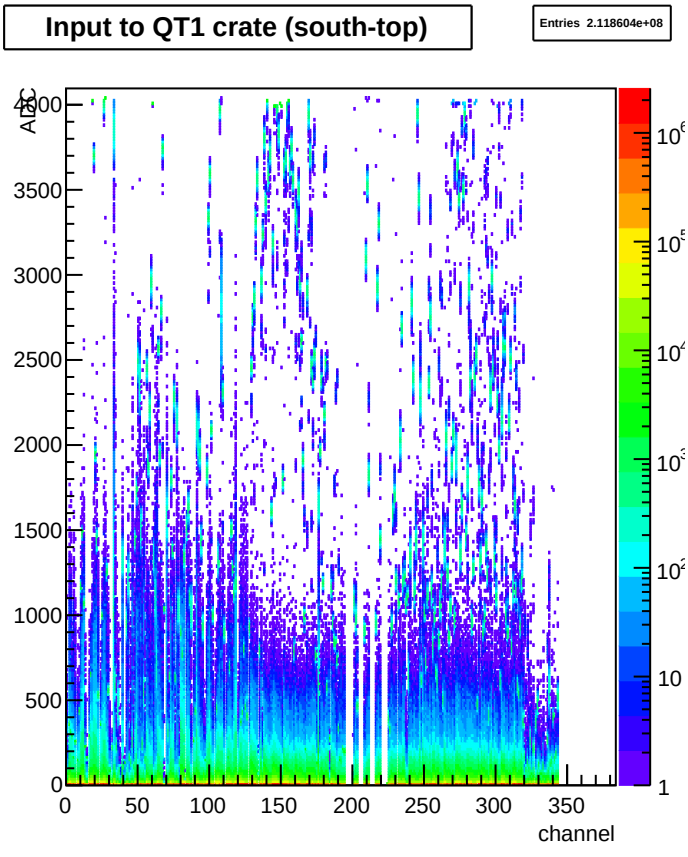

Entries 6358640
VPD-West ADC Sum
ZDC-West ADC Sum Att

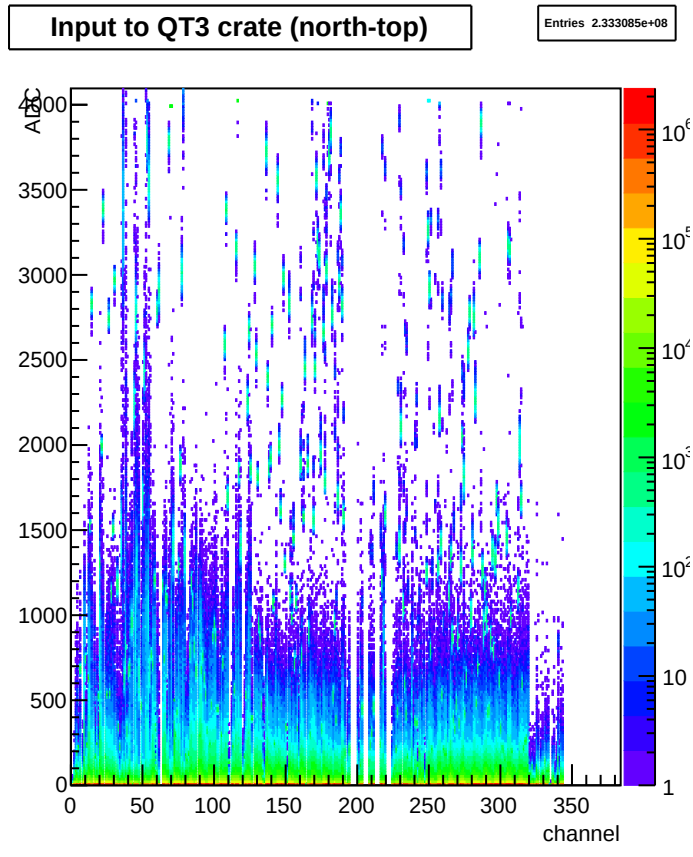

Entries 6358640
BBC-S-East ADC Sum
BBC-S-West ADC Sum

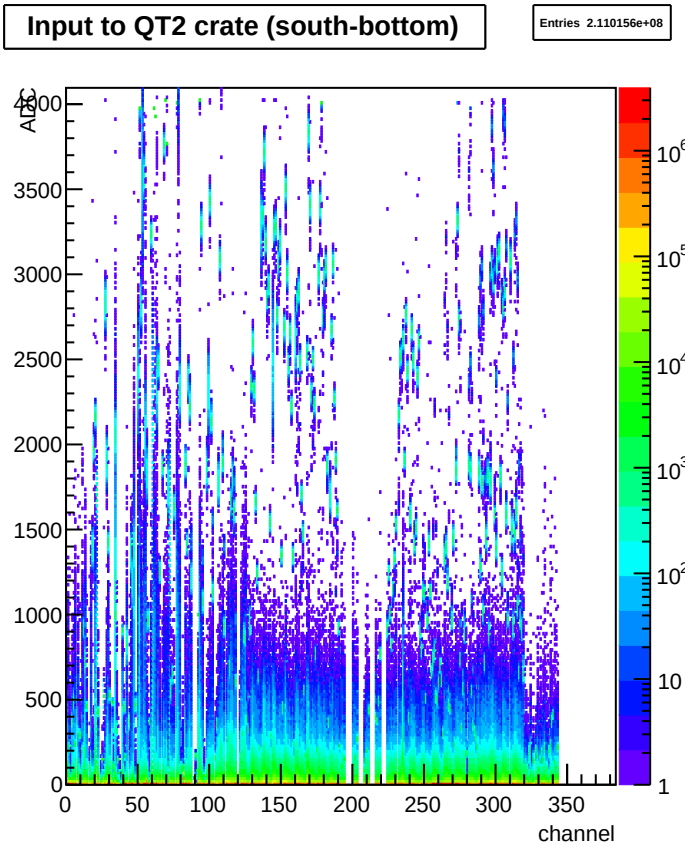

Entries 6358640
ZDC East ADC Sum Att
ZDC West ADC Sum Att

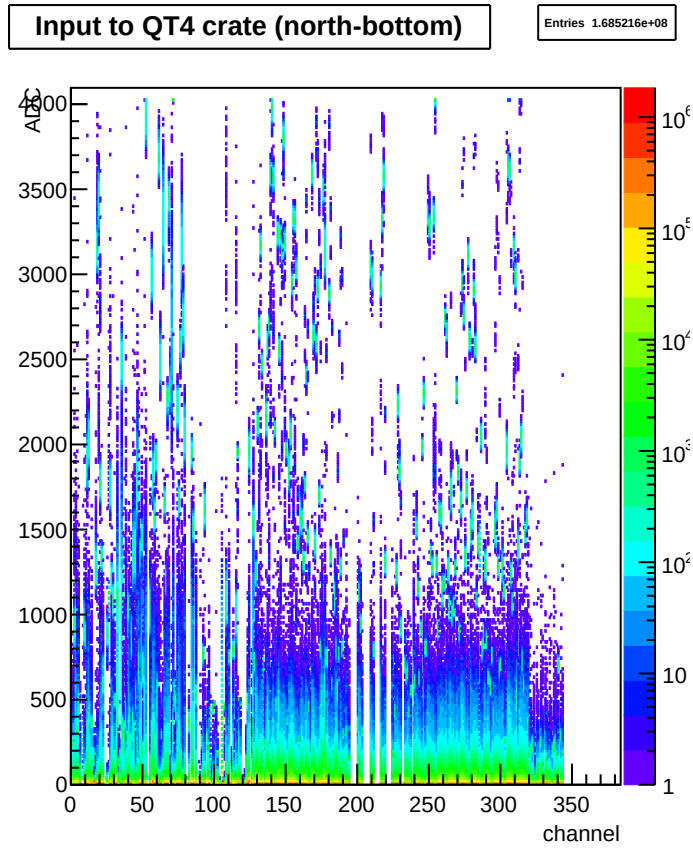

Entries 6358640
VPD East ADC Sum
VPD West ADC Sum

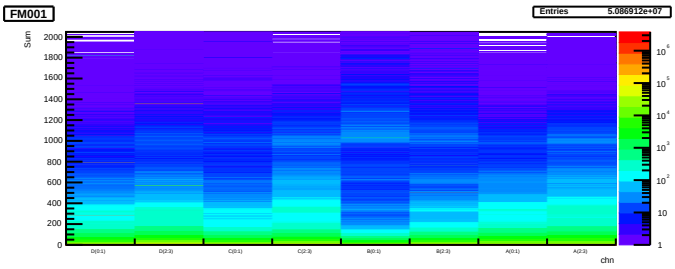

Entries 6358640
BBC-S TAC Diff
ZDC TAC Diff

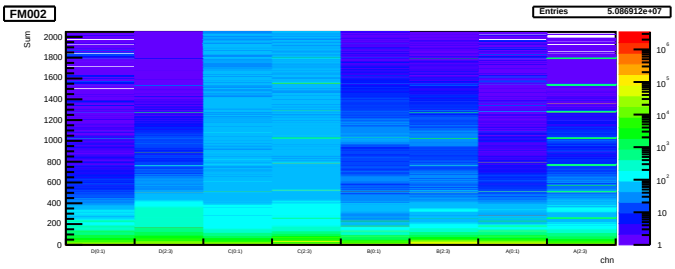

Input to QT1 crate (south-top)
Entries 2.118604e+08
ADC
channel

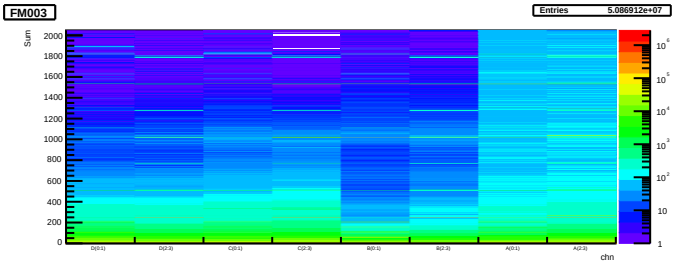

Input to QT3 crate (north-top)
Entries 2.333085e+08
ADC
channel

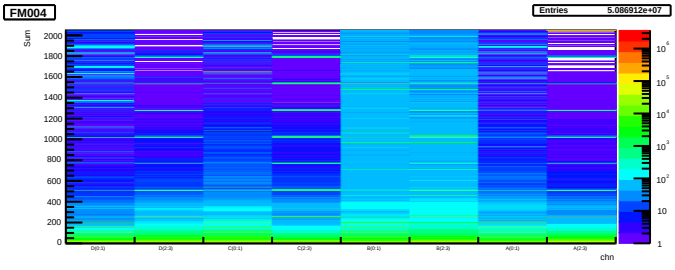

Input to QT2 crate (south-bottom)
Entries 2.110156e+08
ADC
channel

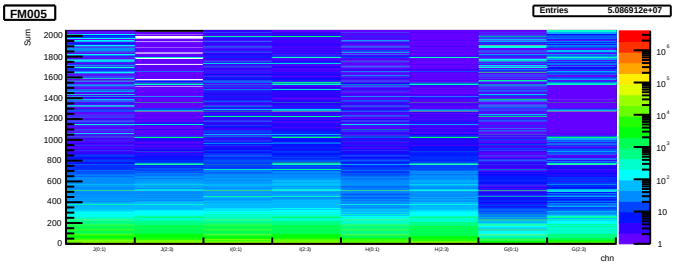

Input to QT4 crate (north-bottom)
Entries 1.685216e+08
ADC
channel

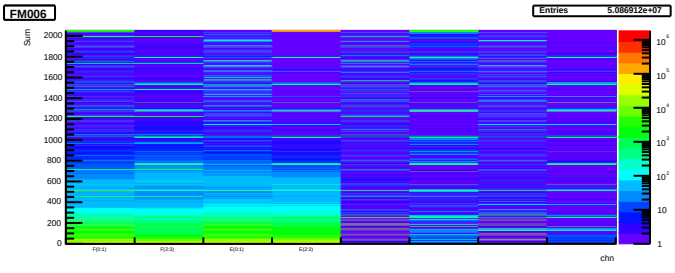

FM001
Entries 5.086912e+07
Sum
chn


FM002
Entries 5.086912e+07
Sum
chn


FM003
Entries 5.086912e+07
Sum
chn


FM004
Entries 5.086912e+07
Sum
chn


FM005
Entries 5.086912e+07
Sum
chn


FM006
Entries 5.086912e+07
Sum
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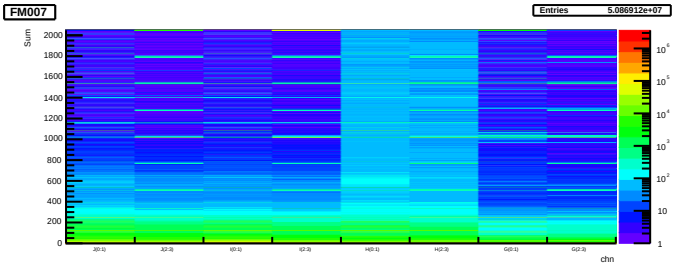
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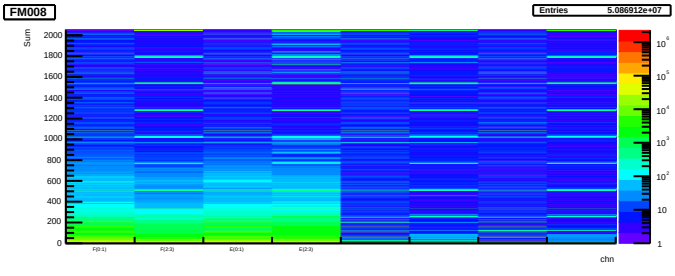
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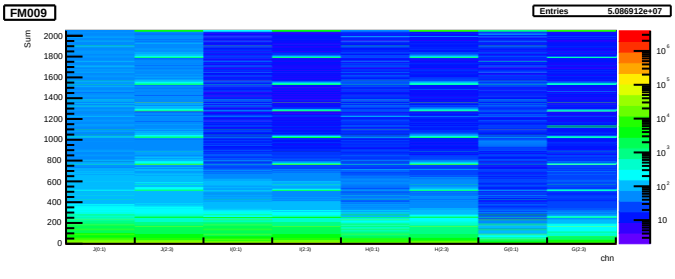
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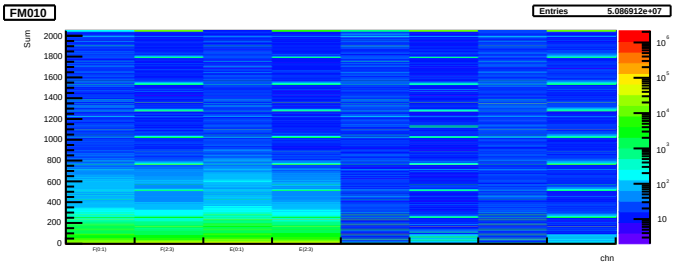
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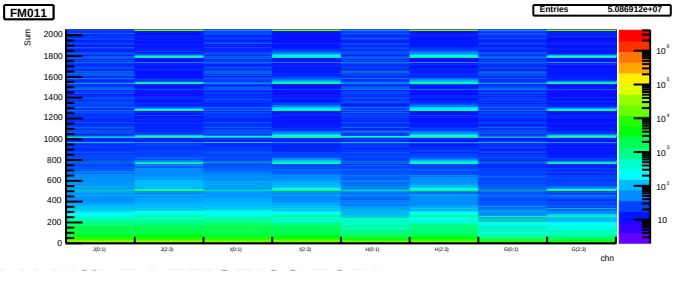
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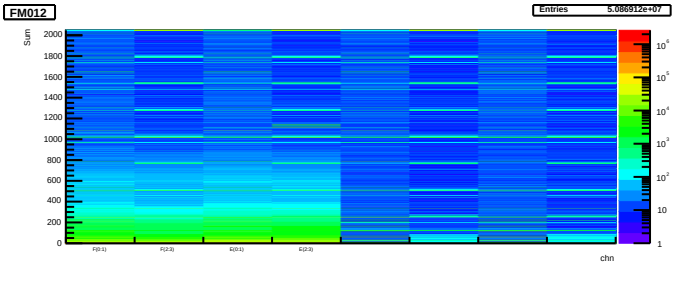
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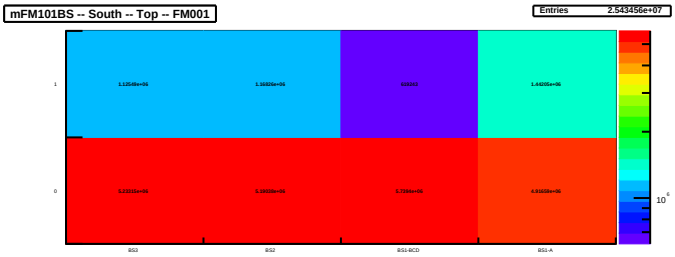
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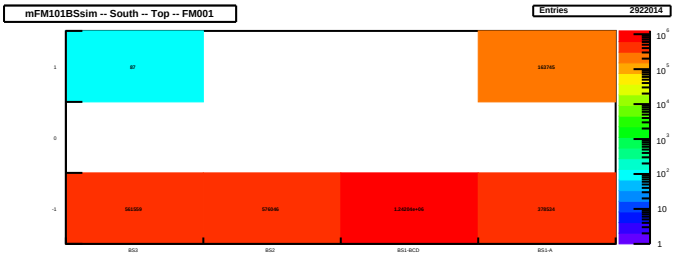
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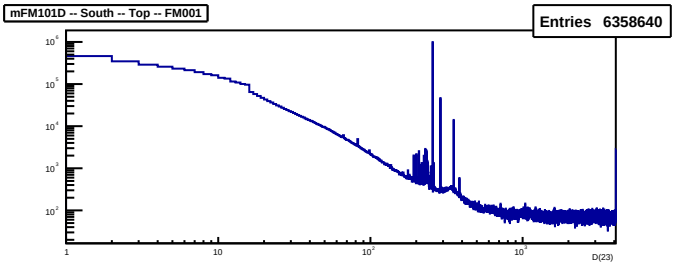
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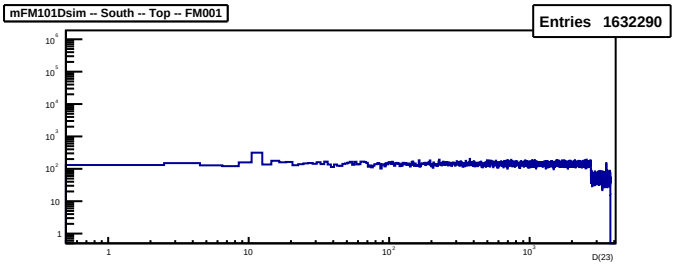
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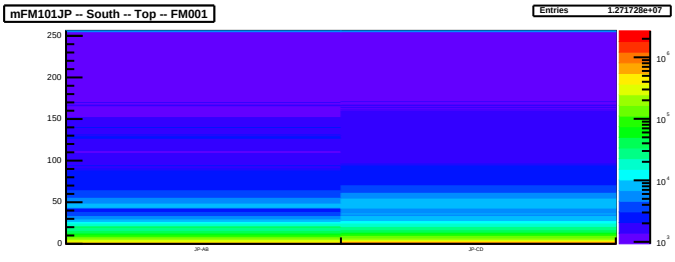
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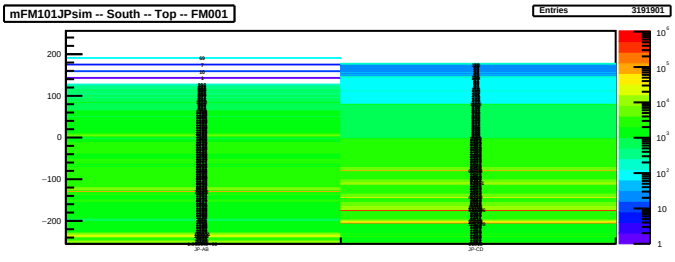
Entries 1.271728e+07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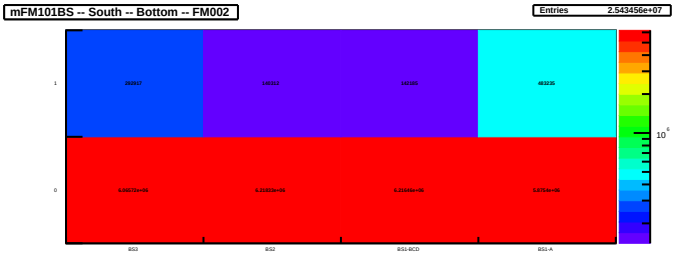
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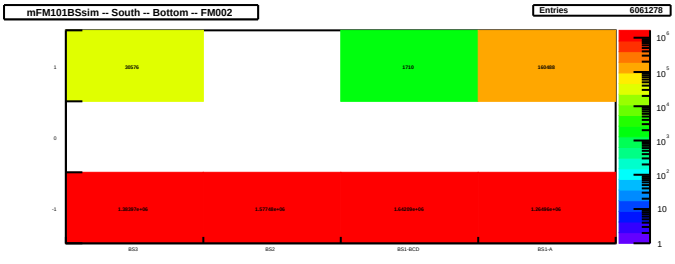
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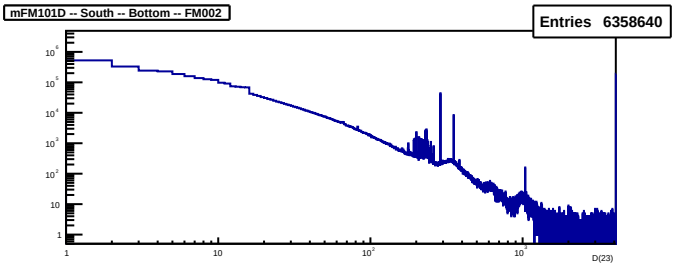
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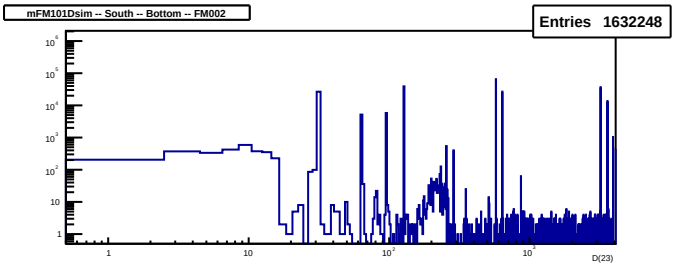
Entries 6358640
D(23)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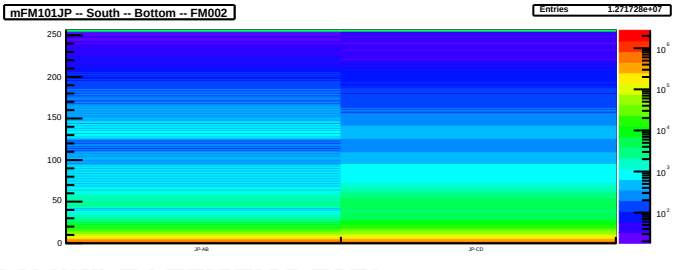
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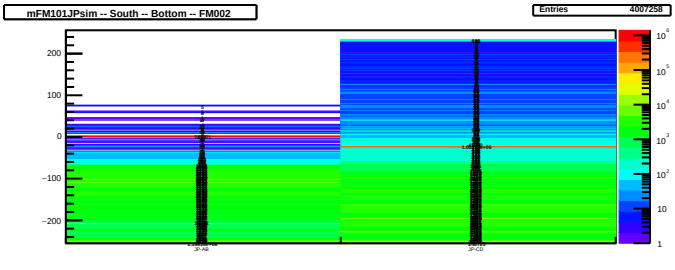
Entries 1.271728e+07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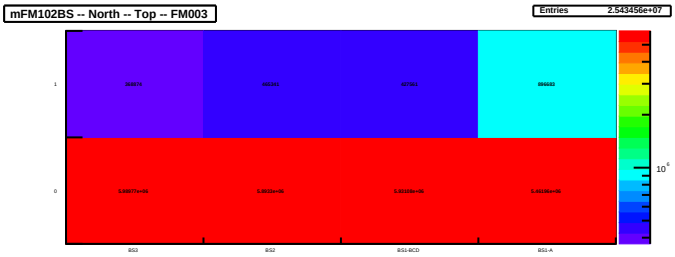
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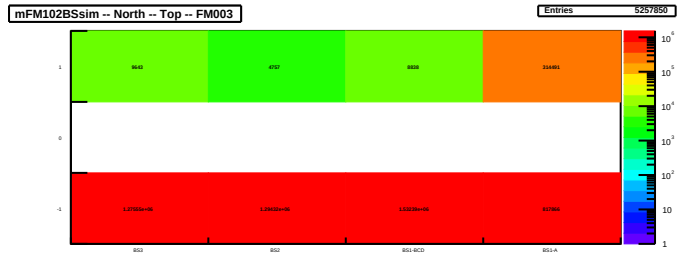
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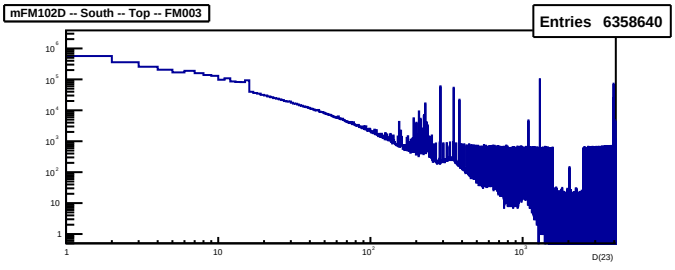
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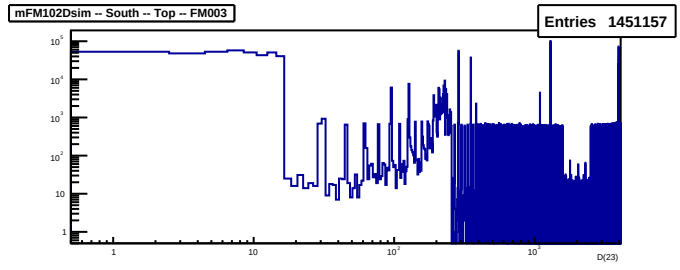
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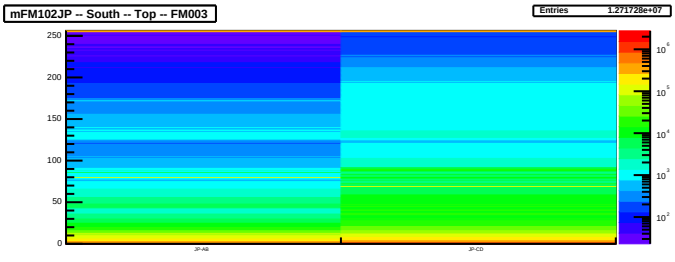
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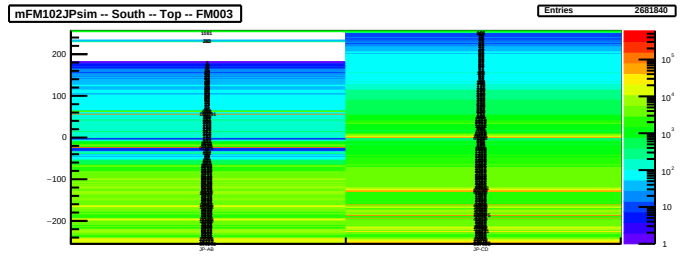
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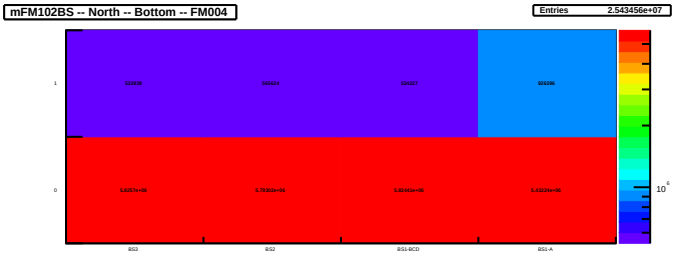
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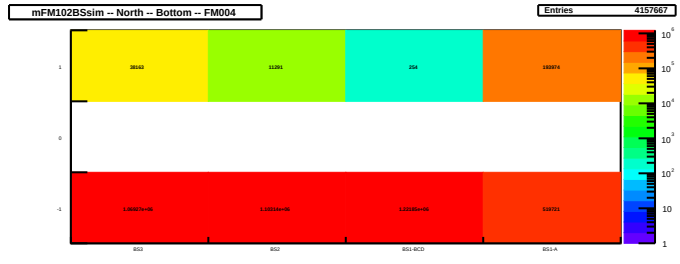
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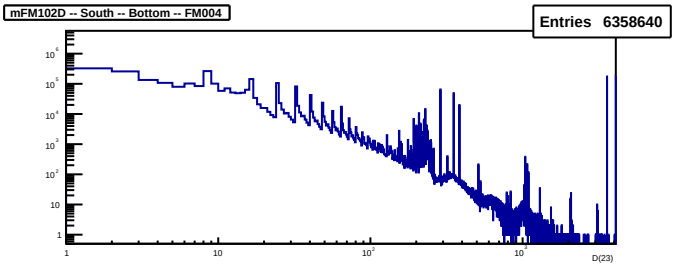
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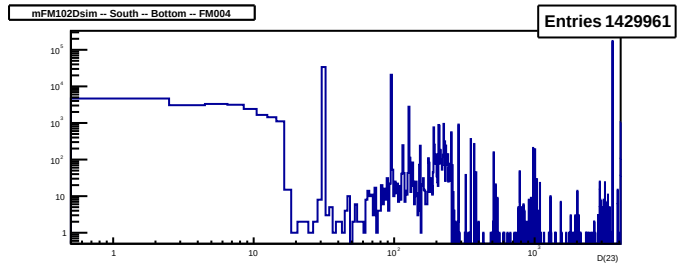
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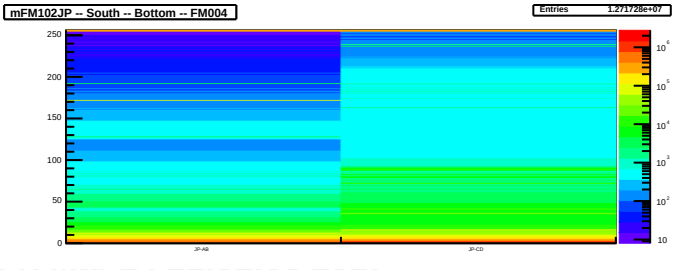
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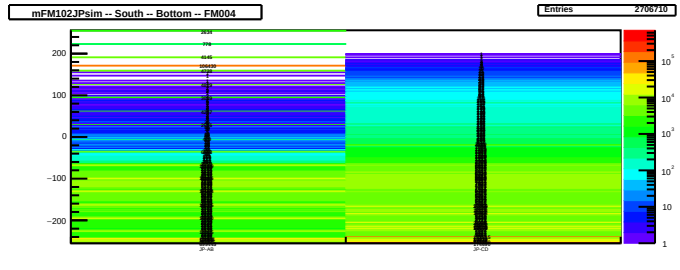
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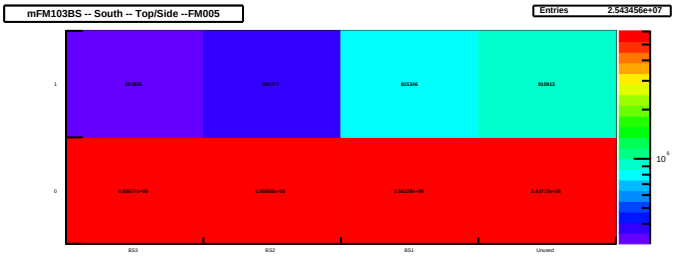
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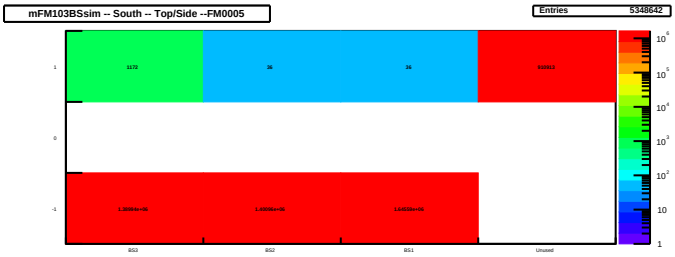
Entries 2.543456e+07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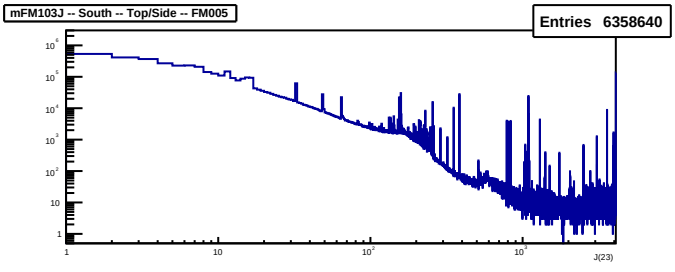
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Entries 6358640
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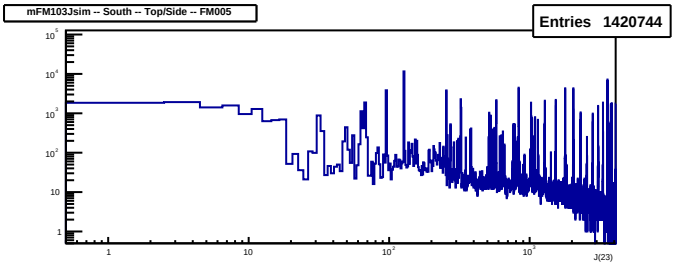
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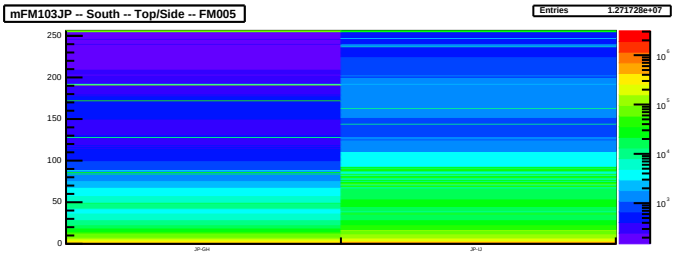
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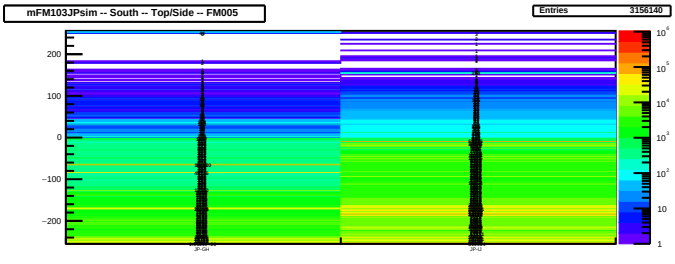
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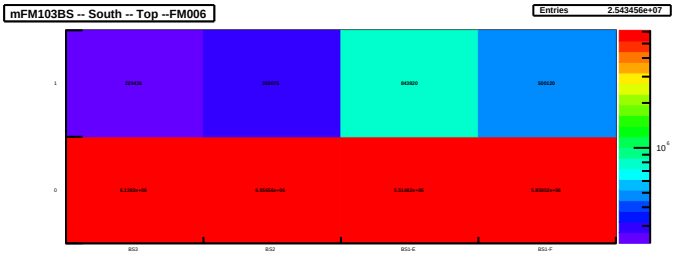
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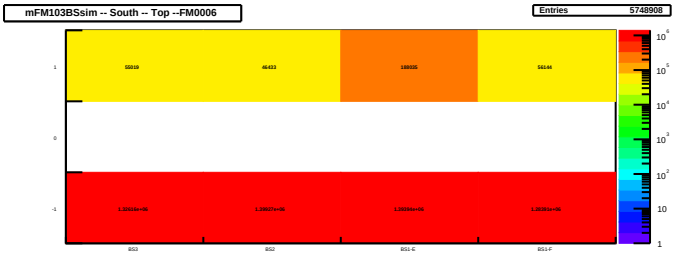
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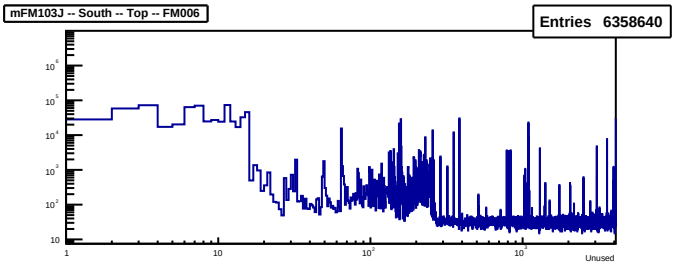
mFM103J -- South -- Top -- FM006
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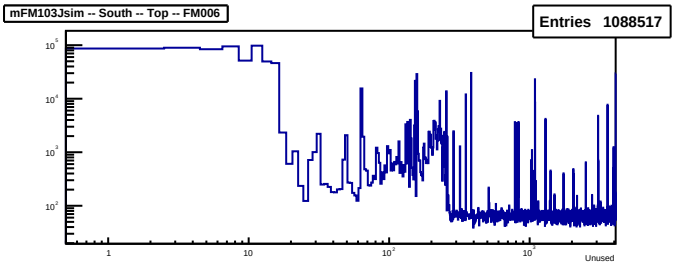
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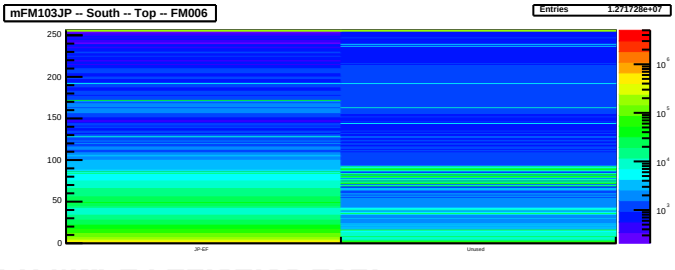
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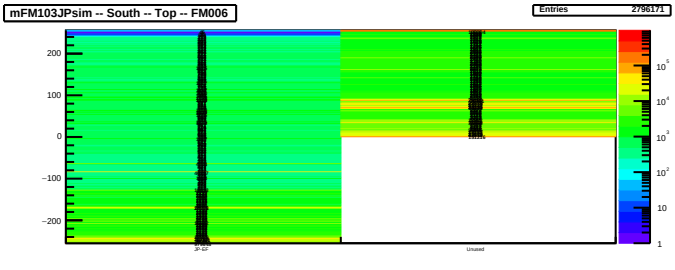
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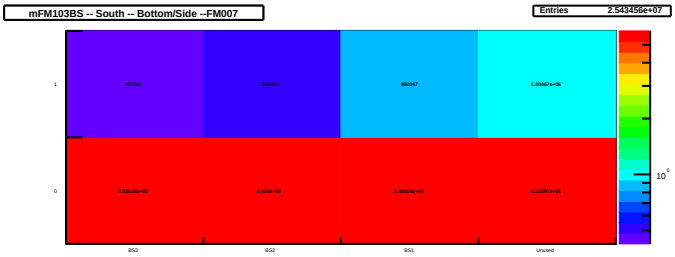
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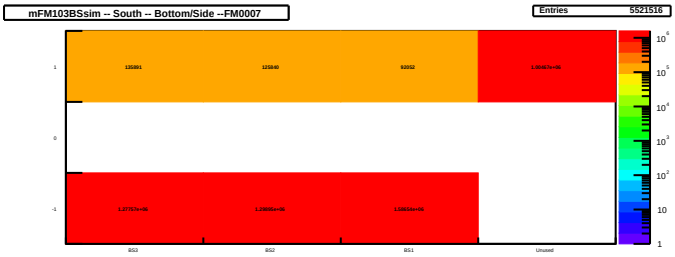
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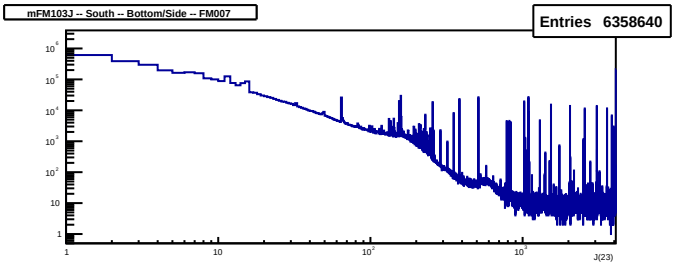
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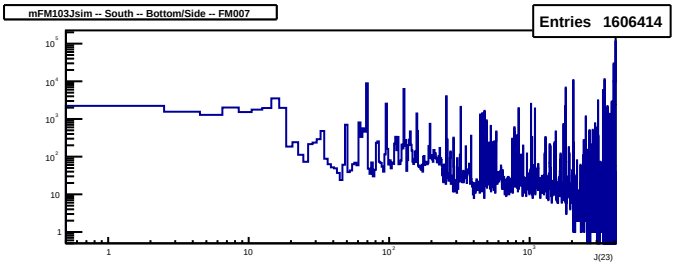
Entries 6358640
J(23)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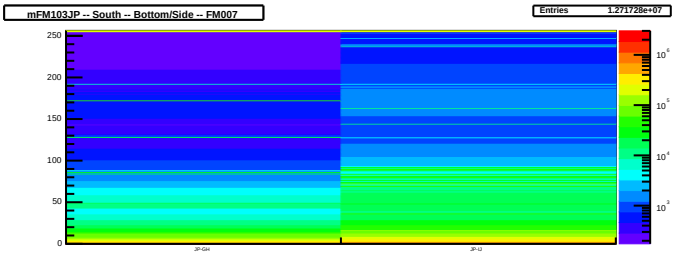
J(23)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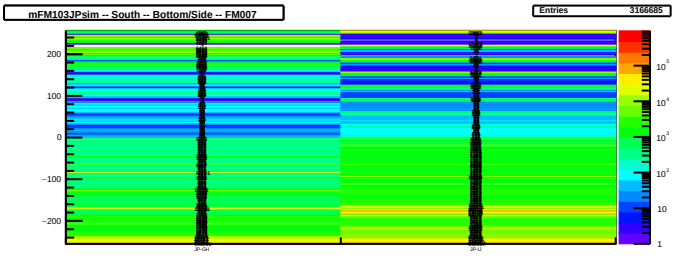
Entries 1.271728e+07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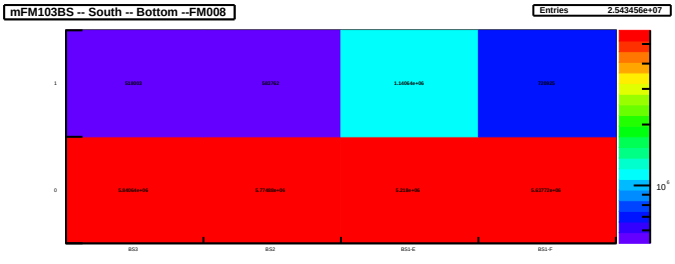
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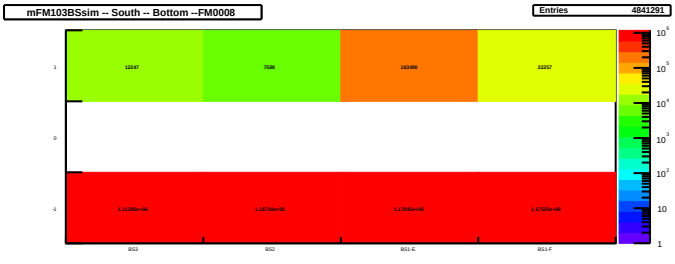
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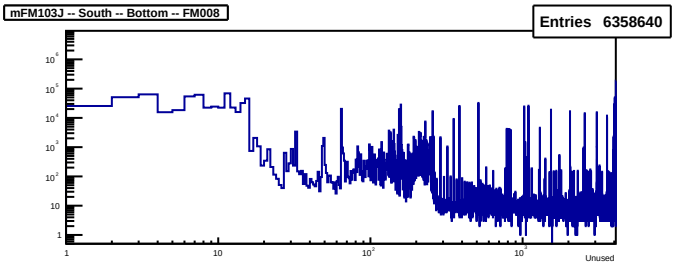
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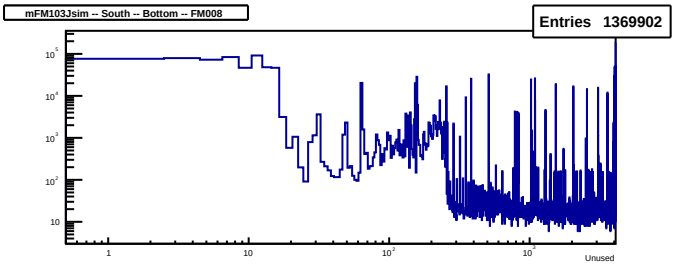
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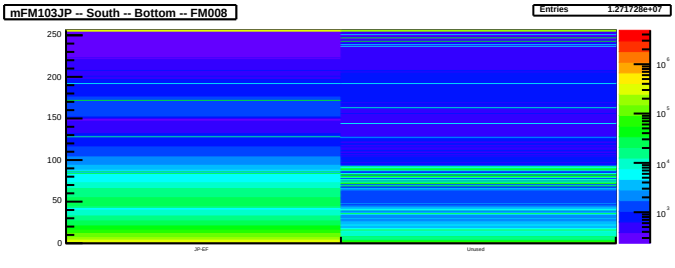
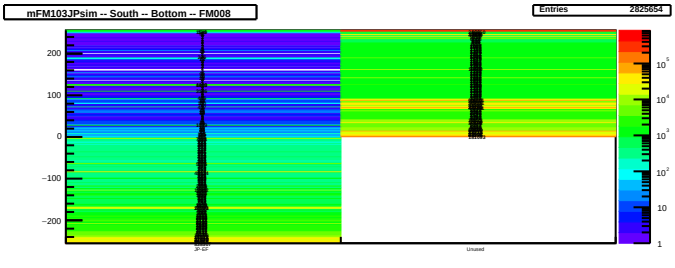
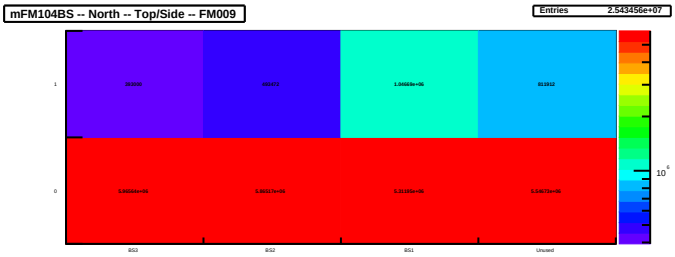
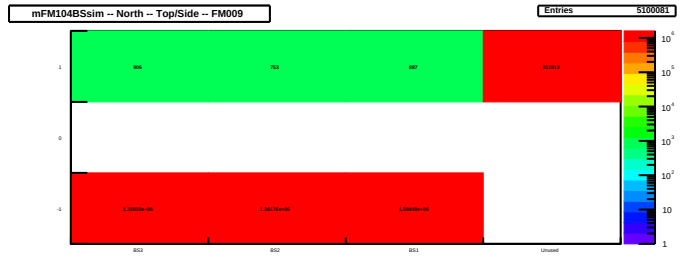
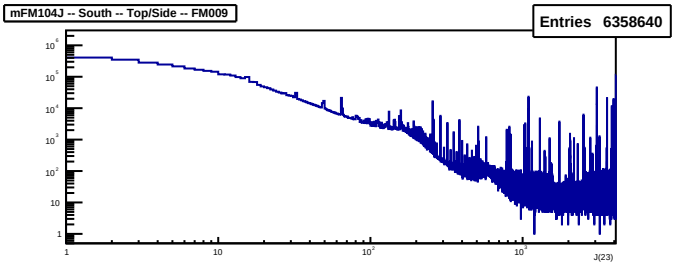
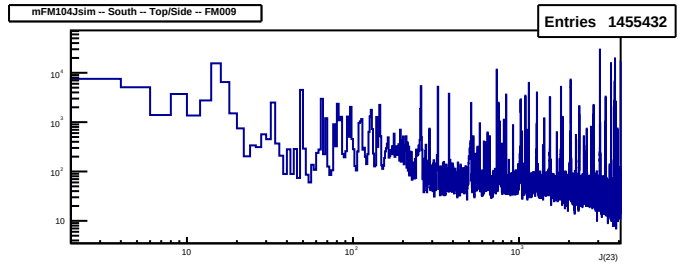

mFM103JP -- South -- Bottom -- FM008
Entries 1.271728e+07

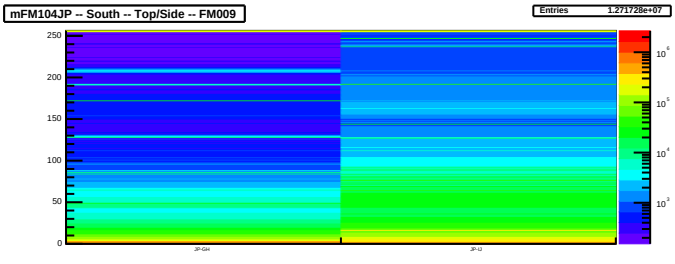

mFM103JPsim -- South -- Bottom -- FM008
Entries 2825654

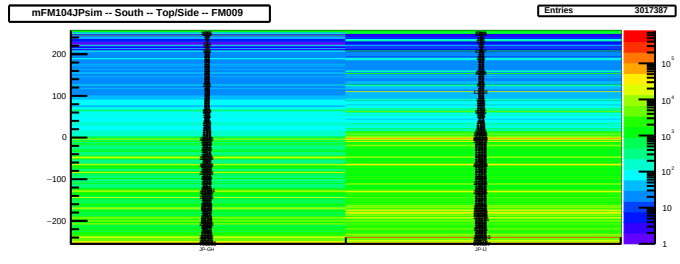

mFM104BS -- North -- Top/Side -- FM009
Entries 2.543456e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5100081


mFM104J -- South -- Top/Side -- FM009
Entries 6358640
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1455432
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.271728e+07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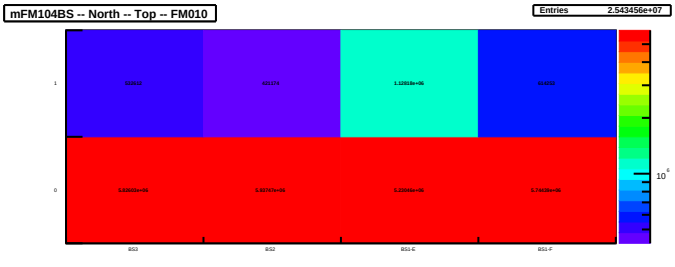
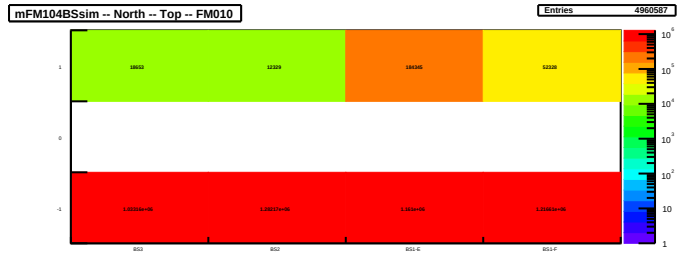
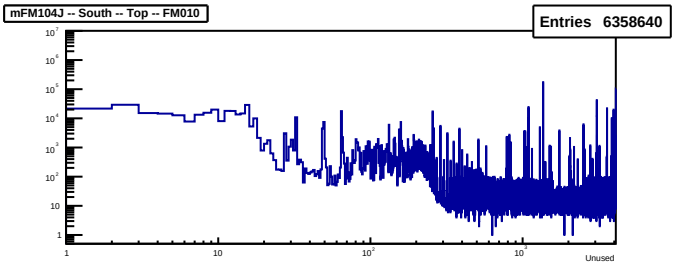
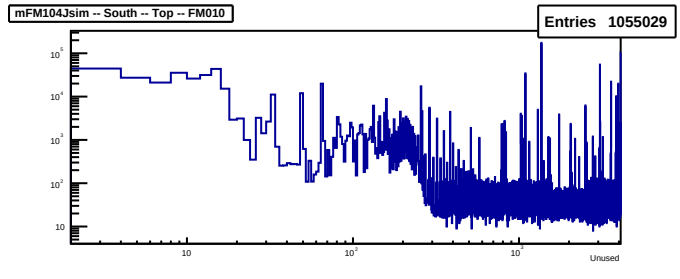
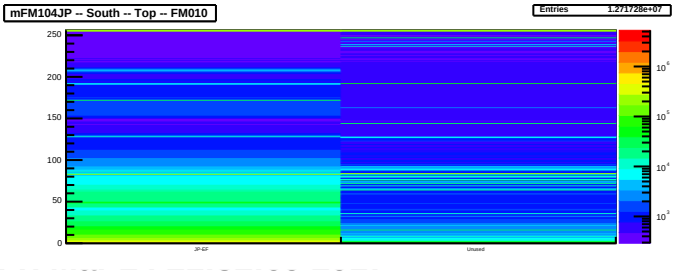
Entries 3017387

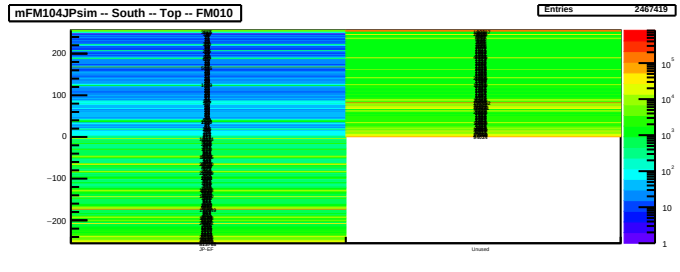

mFM104BS -- North -- Top -- FM010
Entries 2.543456e+07

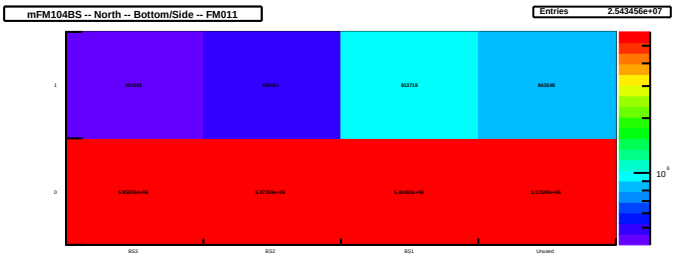

mFM104BSsim -- North -- Top -- FM010
Entries 4960587

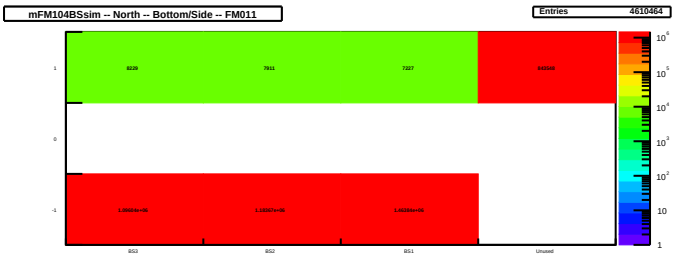

mFM104J -- South -- Top -- FM010
Entries 6358640
Unused

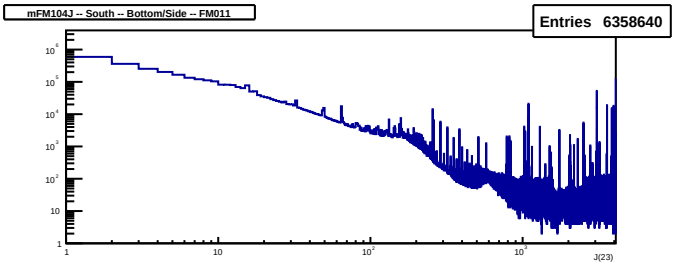

mFM104Jsim -- South -- Top -- FM010
Entries 1055029
Unused

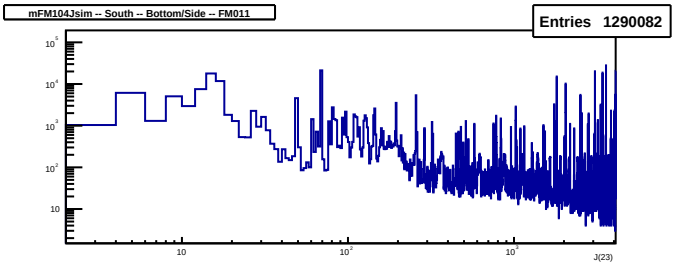

mFM104JP -- South -- Top -- FM010
Entries 1.271728e+07

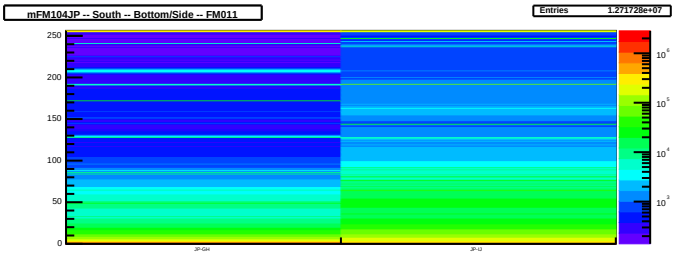

mFM104JPsim -- South -- Top -- FM010
Entries 2467419

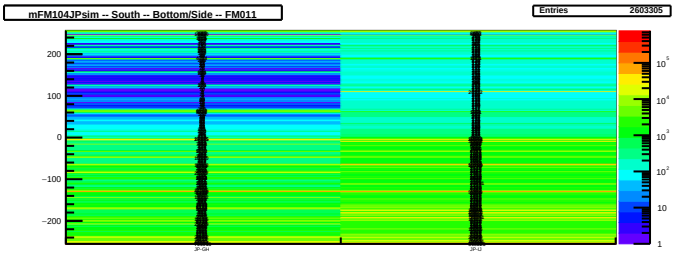

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.543456e+07

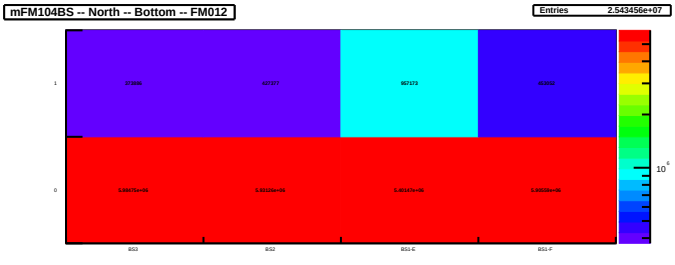

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4610464

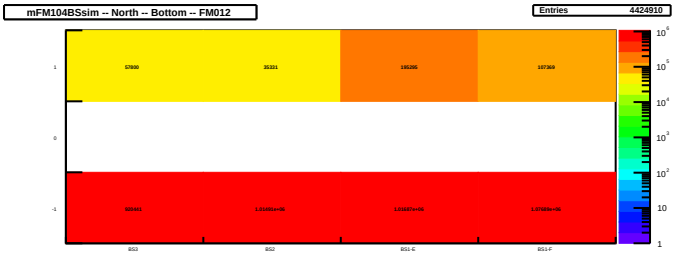

mFM104J -- South -- Bottom/Side -- FM011
Entries 6358640
J(23)

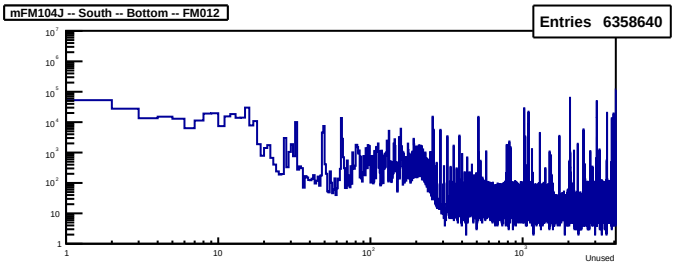

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1290082
J(23)

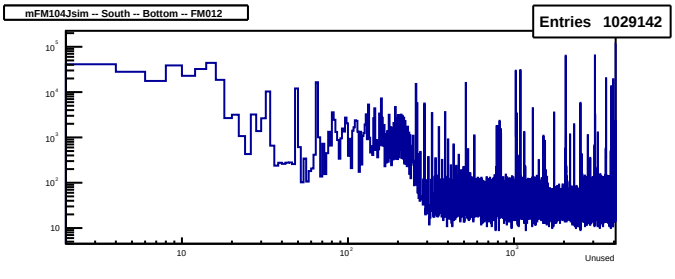

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.271728e+07

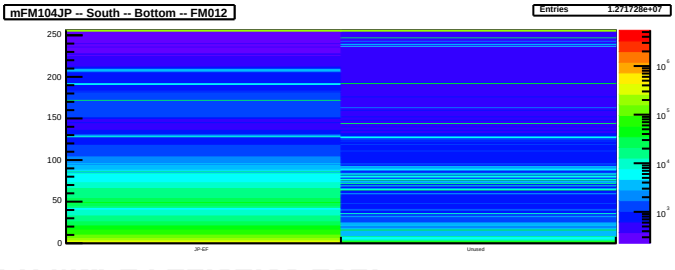

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2603305

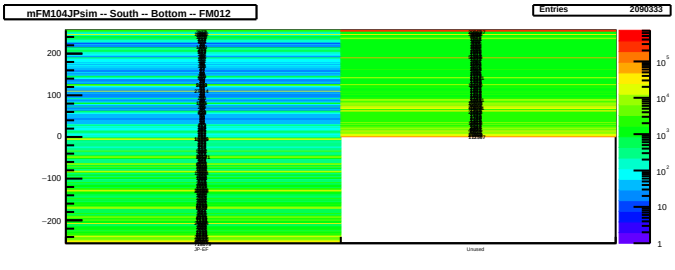

mFM104BS -- North -- Bottom -- FM012
Entries 2.543456e+07

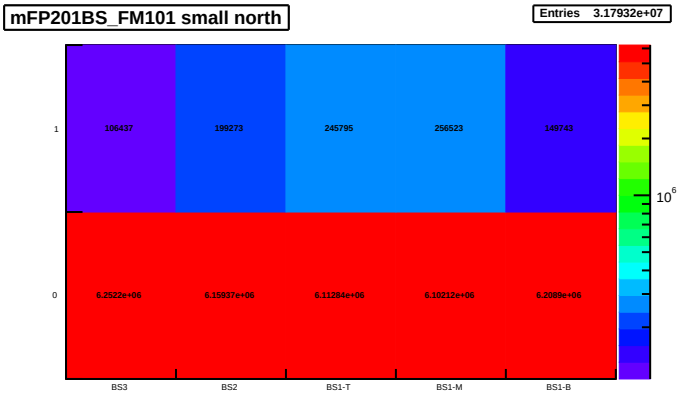

mFM104BSsim -- North -- Bottom -- FM012
Entries 4424910

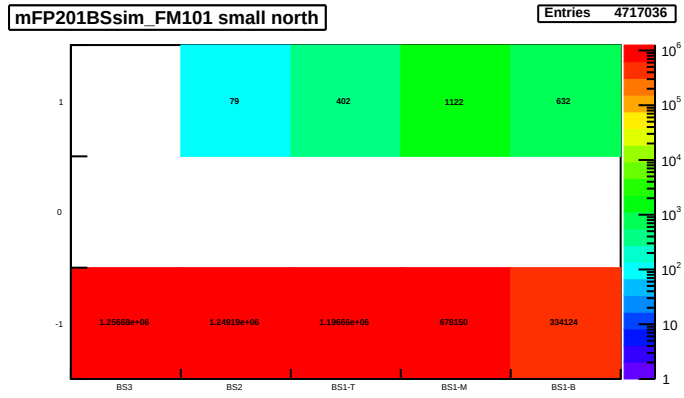

mFM104J -- South -- Bottom -- FM012
Entries 6358640
Unused

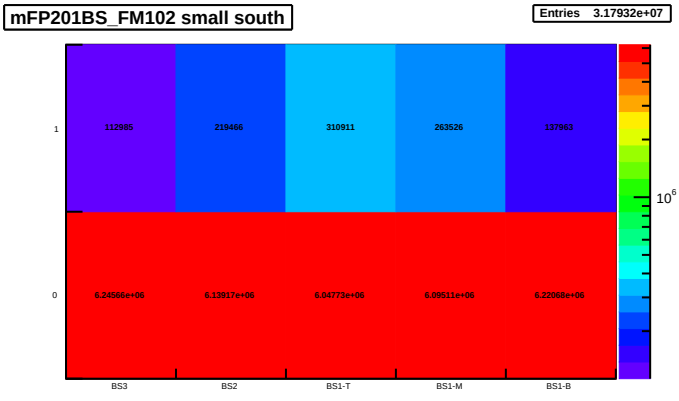

mFM104Jsim -- South -- Bottom -- FM012
Entries 1029142
Unused

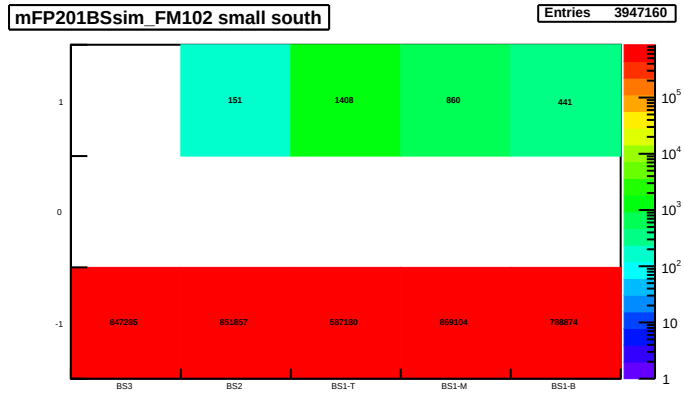

mFM104JP -- South -- Bottom -- FM012
Entries 1.271728e+07

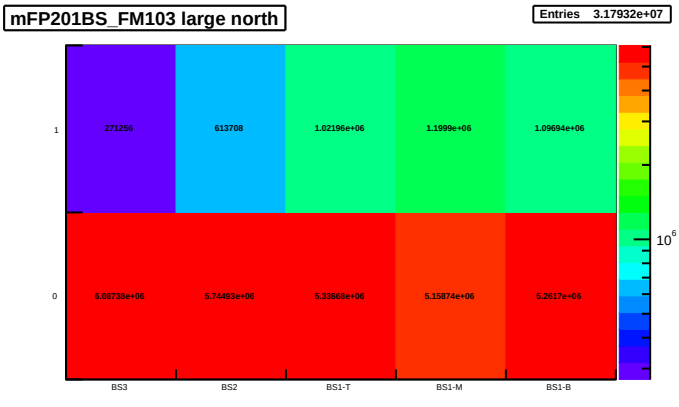

mFM104JPsim -- South -- Bottom -- FM012
Entries 2090333

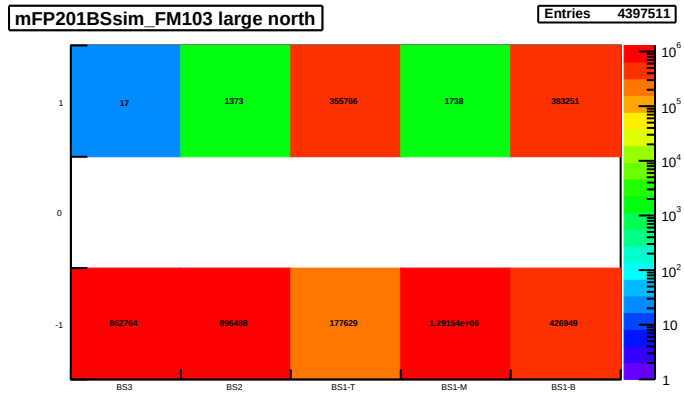

mFP201BS_FM101 small north
Entries 3.17932e+07
106437
199273
245795
256523
149743
6.2522e+06
6.15937e+06
6.11284e+06
6.10212e+06
6.2089e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

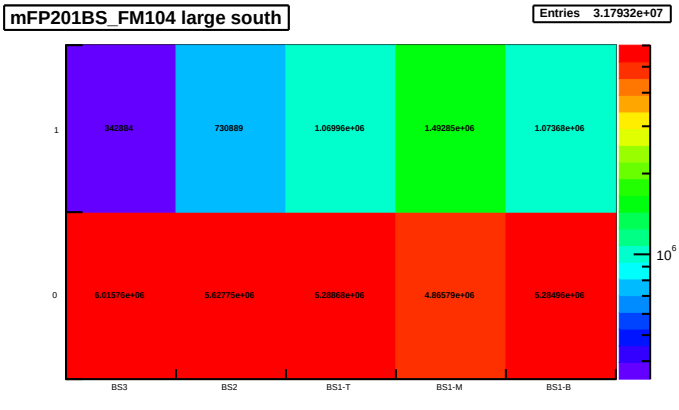

mFP201BSsim_FM101 small north
Entries 4717036
79
402
1122
632
1.25668e+06
1.24919e+06
1.19666e+06
678150
334124
BS3
BS2
BS1-T
BS1-M
BS1-B

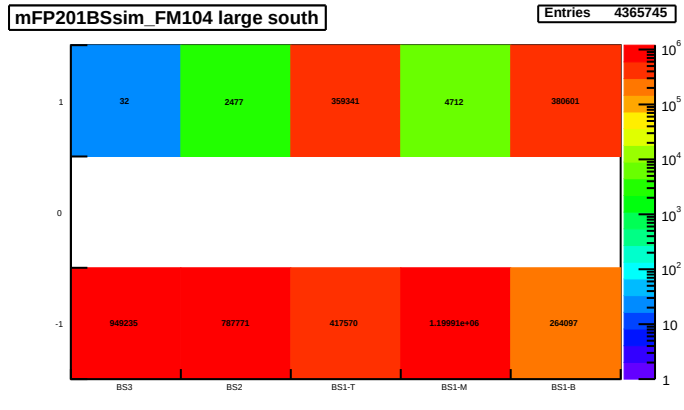

mFP201BS_FM102 small south
Entries 3.17932e+07
112985
219466
310911
263526
137963
6.24566e+06
6.13917e+06
6.04773e+06
6.09511e+06
6.22068e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

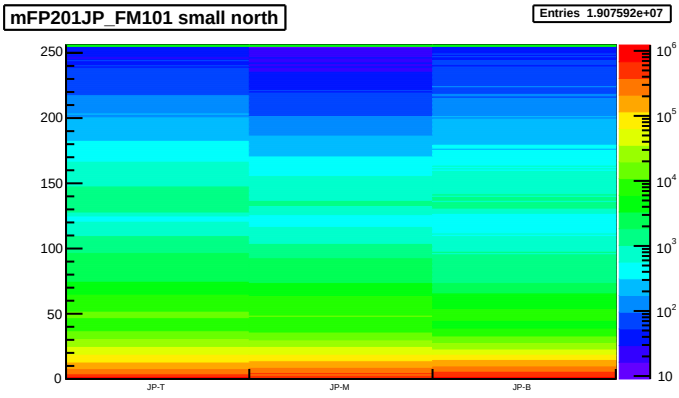

mFP201BSsim_FM102 small south
Entries 3947160
151
1408
860
441
847285
851857
587180
869104
788874
BS3
BS2
BS1-T
BS1-M
BS1-B

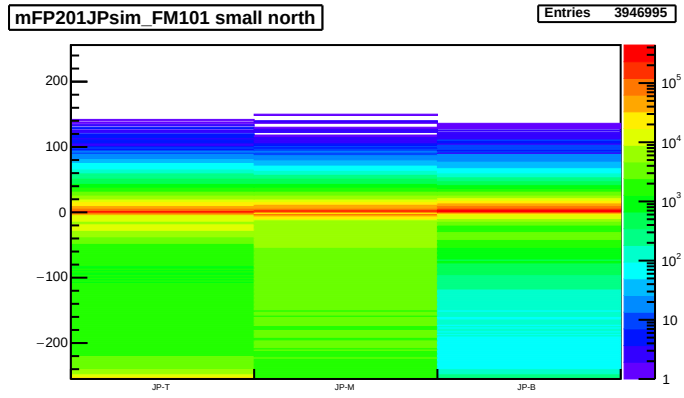

mFP201BS_FM103 large north
Entries 3.17932e+07
271256
613708
1.02196e+06
1.1999e+06
1.09694e+06
6.08738e+06
5.74493e+06
5.33668e+06
5.15874e+06
5.2617e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

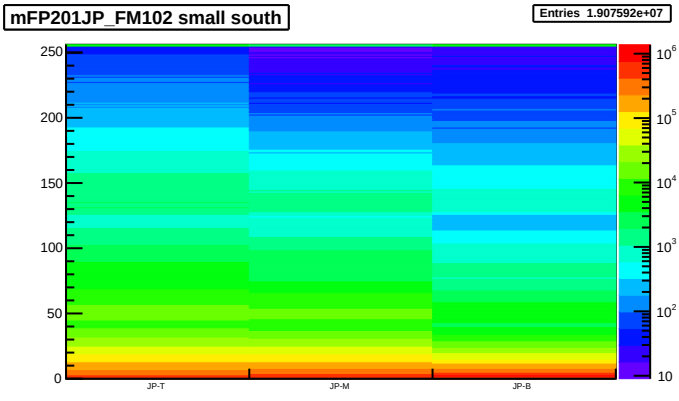

mFP201BSsim_FM103 large north
Entries 4397511
17
1373
355766
1738
383251
862764
896488
177629
1.29154e+06
426949
BS3
BS2
BS1-T
BS1-M
BS1-B

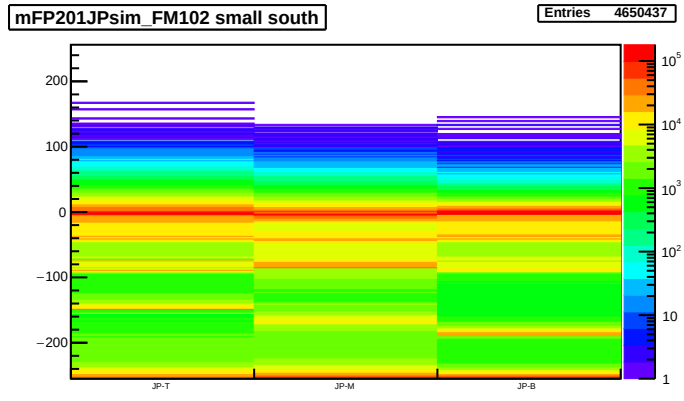

mFP201BS_FM104 large south
Entries 3.17932e+07
342884
730889
1.06996e+06
1.49285e+06
1.07368e+06
6.01576e+06
5.62775e+06
5.28868e+06
4.86579e+06
5.28496e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

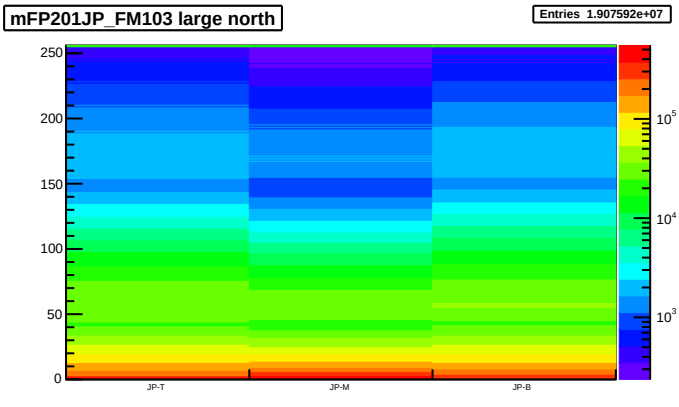

mFP201BSsim_FM104 large south
Entries 4365745
32
2477
359341
4712
380601
949235
787771
417570
1.19991e+06
264097
BS3
BS2
BS1-T
BS1-M
BS1-B

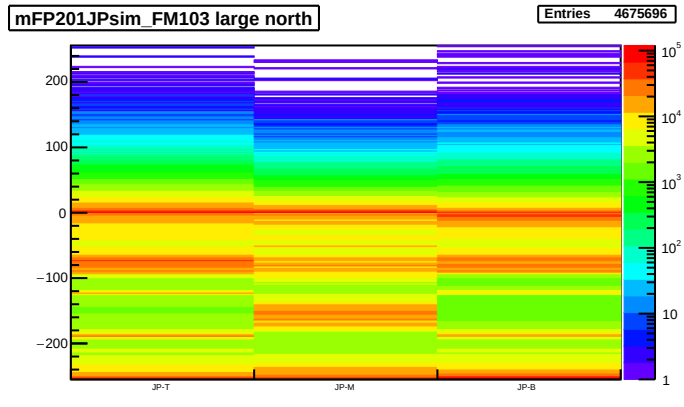

mFP201JP_FM101 small north
Entries 1.907592e+07
JP-T
JP-M
JP-B

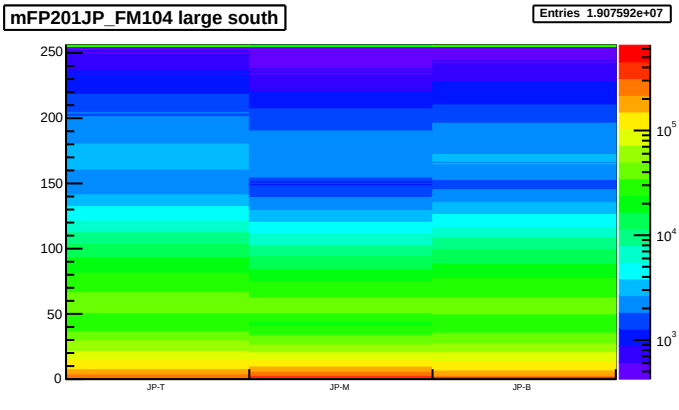

mFP201JPsim_FM101 small north
Entries 3946995
JP-T
JP-M
JP-B

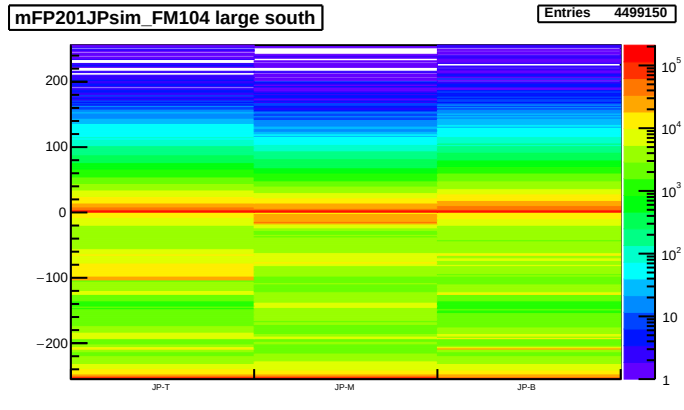

mFP201JP_FM102 small south
Entries 1.907592e+07
JP-T
JP-M
JP-B

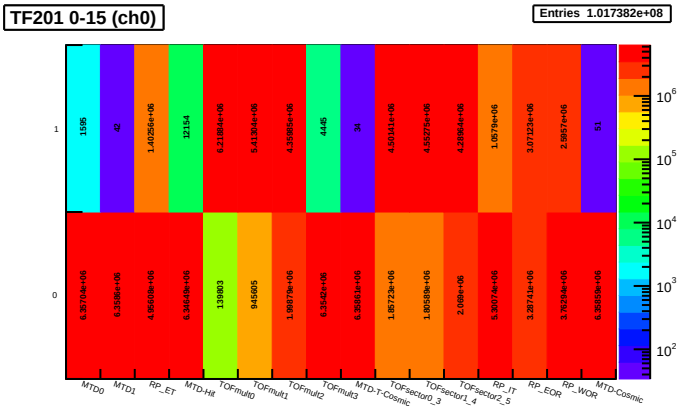

mFP201JPsim_FM102 small south
Entries 4650437
JP-T
JP-M
JP-B

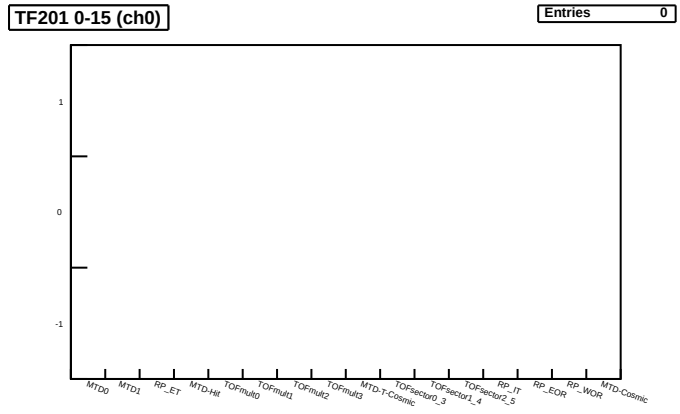

mFP201JP_FM103 large north
Entries 1.907592e+07
JP-T
JP-M
JP-B

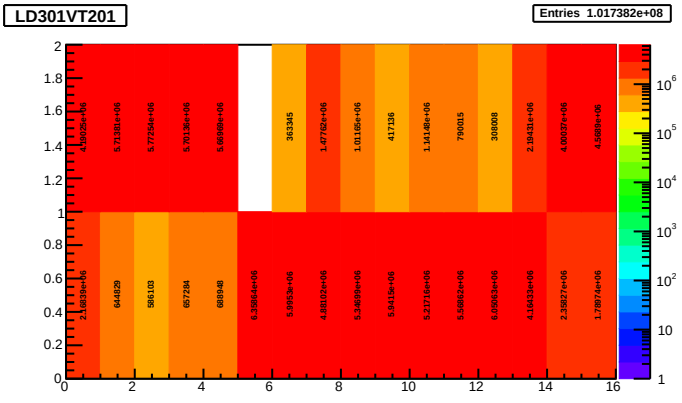

mFP201JPsim_FM103 large north
Entries 4675696
JP-T
JP-M
JP-B

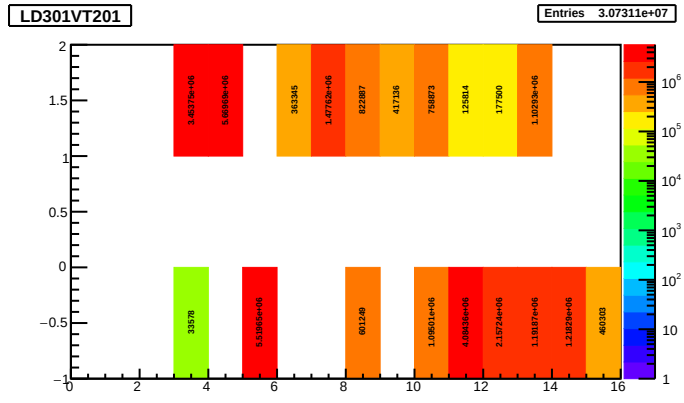

mFP201JP_FM104 large south
Entries 1.907592e+07
JP-T
JP-M
JP-B

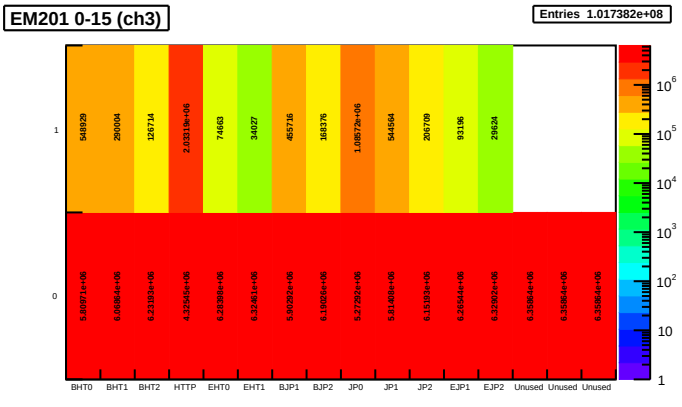

mFP201JPsim_FM104 large south
Entries 4499150
JP-T
JP-M
JP-B

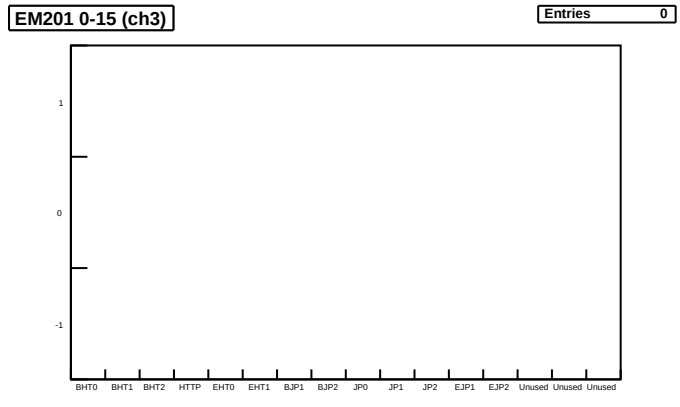

TF201 0-15 (ch0)
Entries 1.017382e+08
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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 1.017382e+08


LD301VT201
Entries 3.07311e+07


EM201 0-15 (ch3)
Entries 1.017382e+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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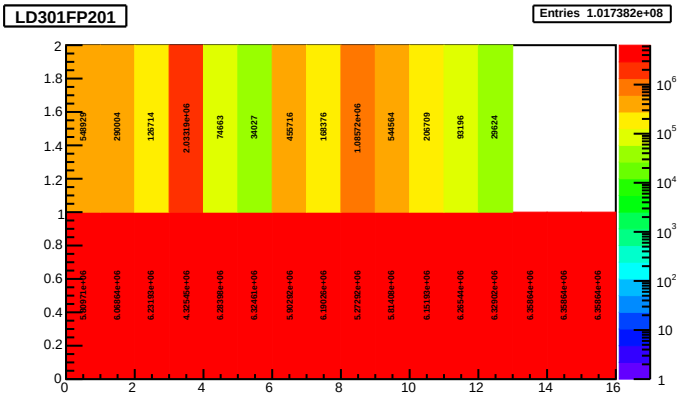
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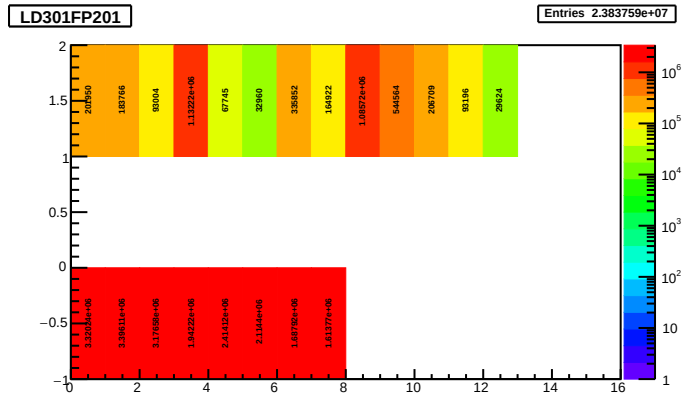
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