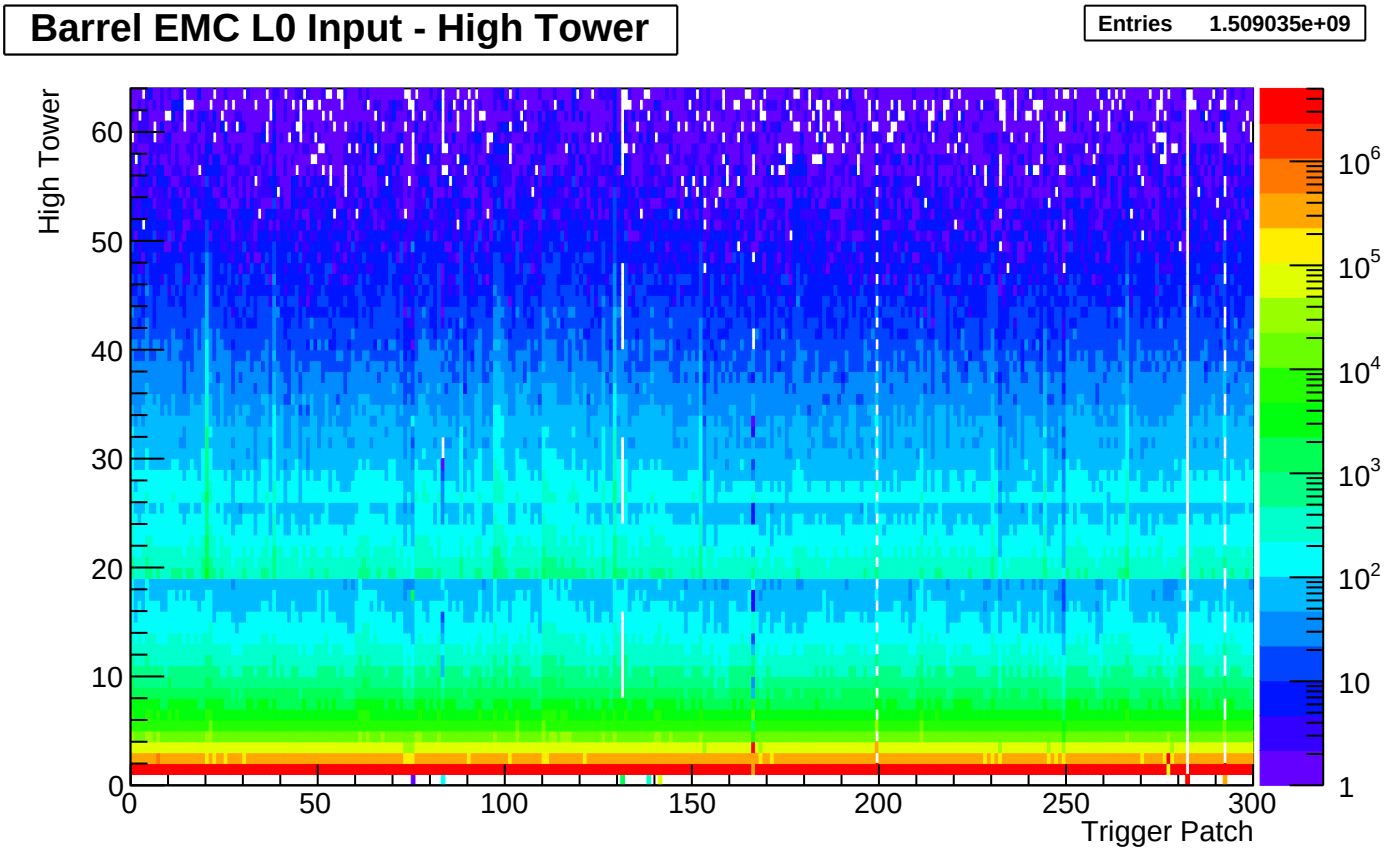
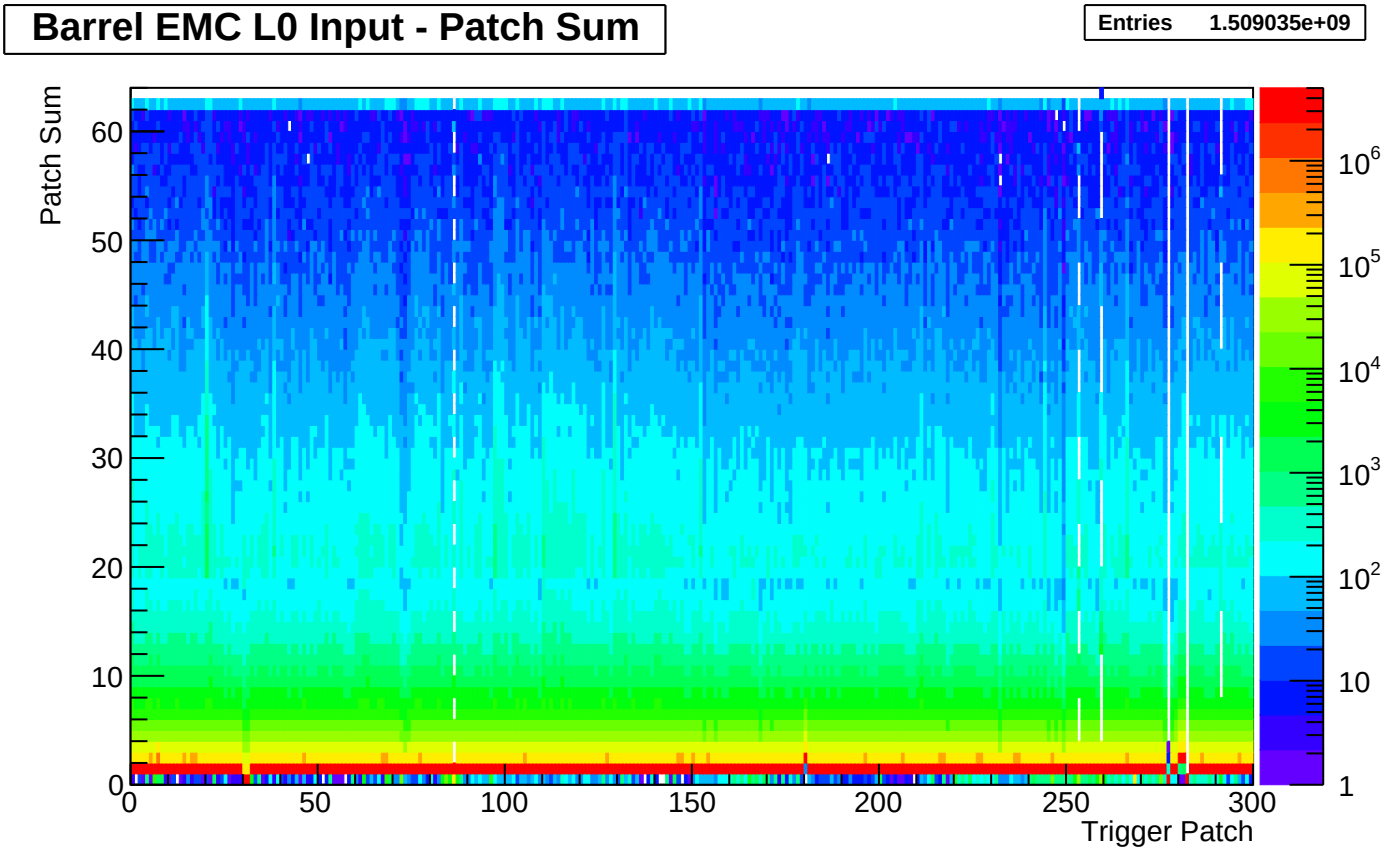
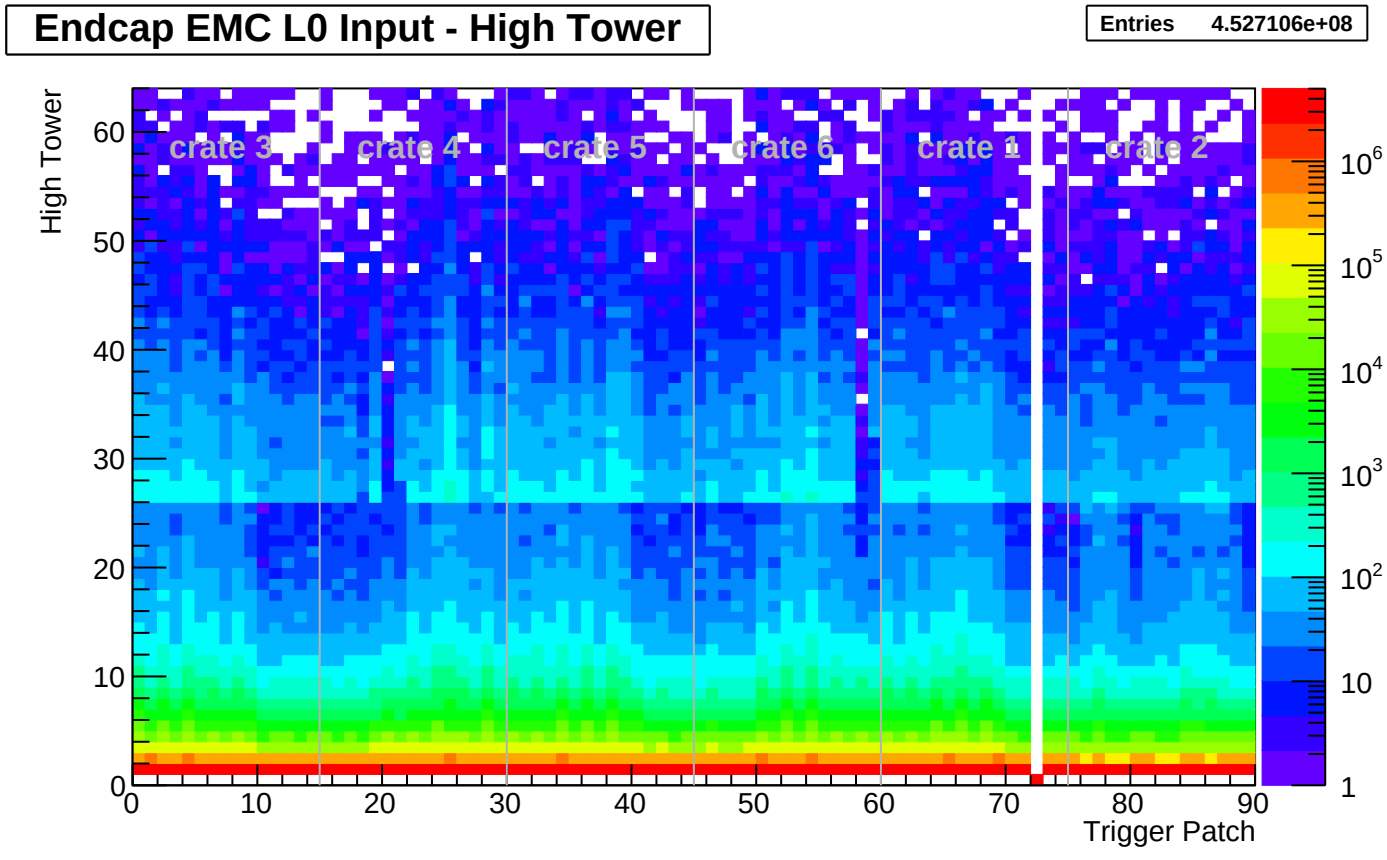
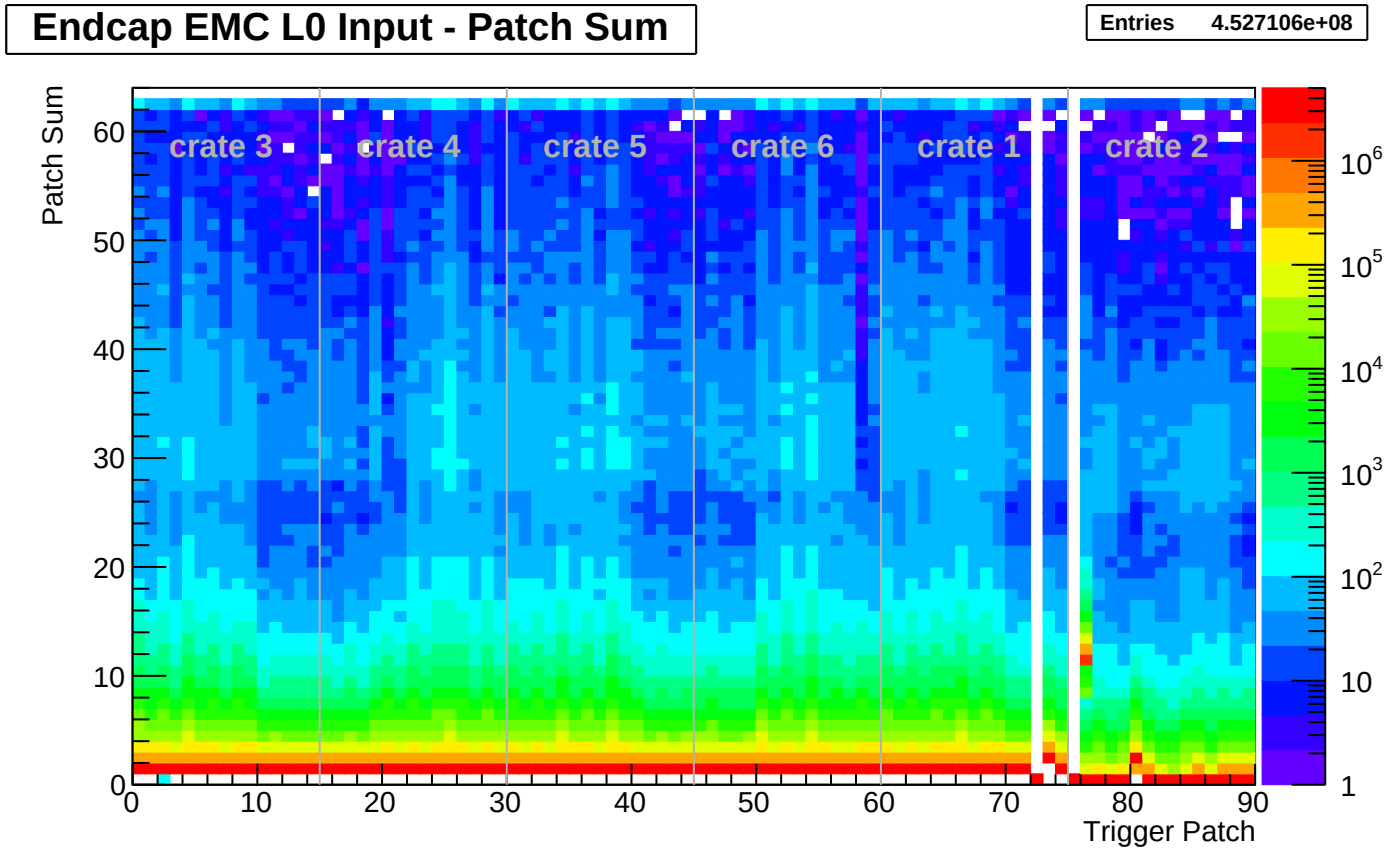
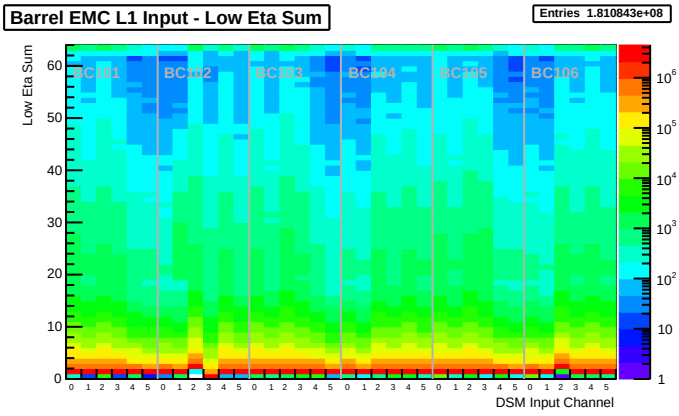
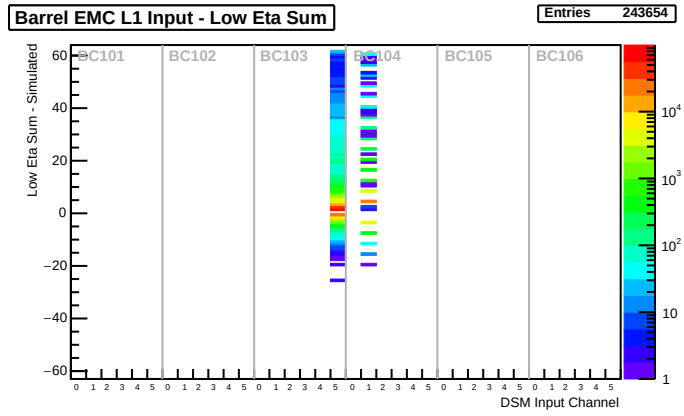

Barrel EMC L0 Input - High Tower
Entries 1.509035e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

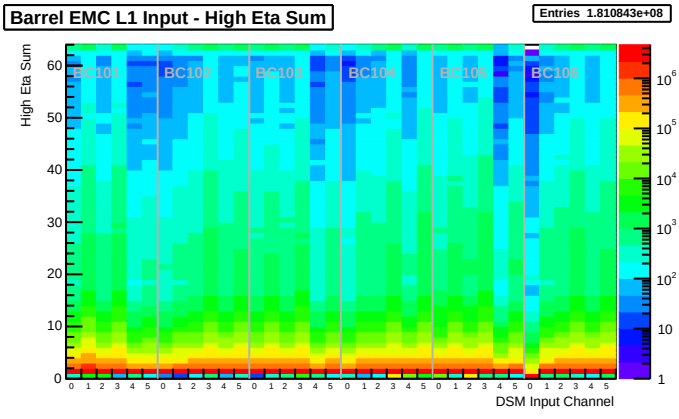

Barrel EMC L0 Input - Patch Sum
Entries 1.509035e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

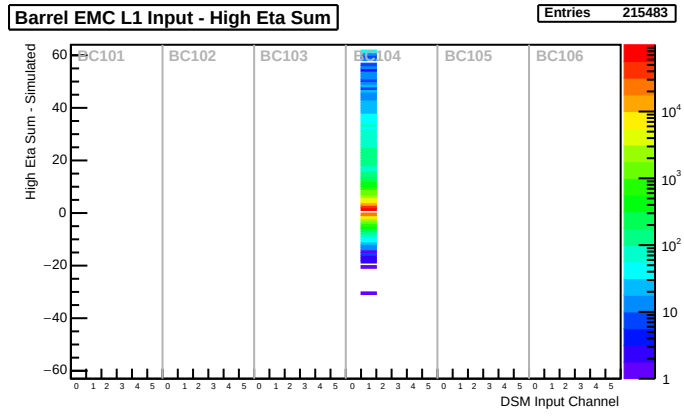

Endcap EMC L0 Input - High Tower
Entries 4.527106e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

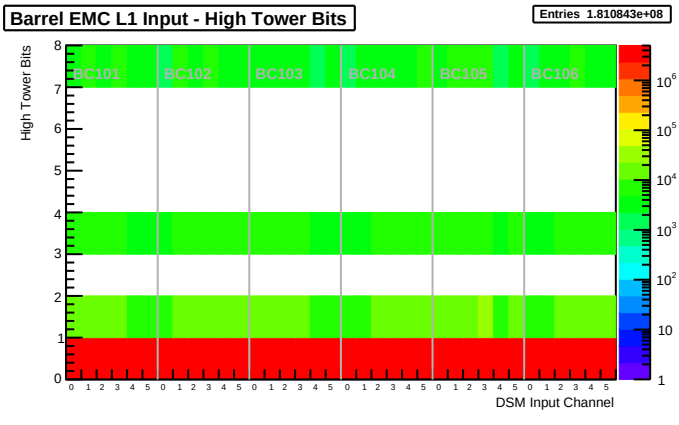

Endcap EMC L0 Input - Patch Sum
Entries 4.527106e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

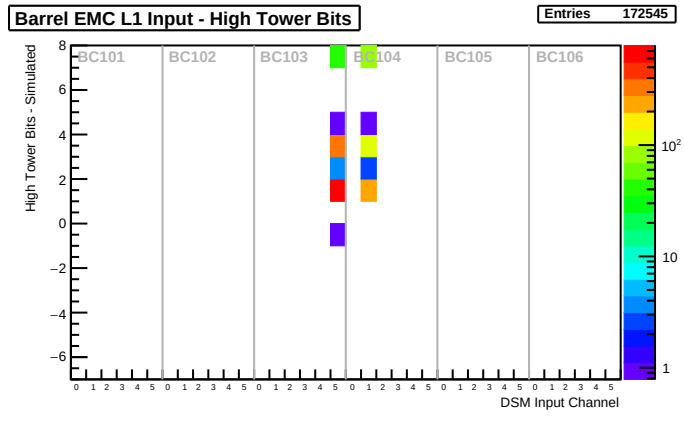

Barrel EMC L1 Input - Low Eta Sum
Entries 1.810843e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

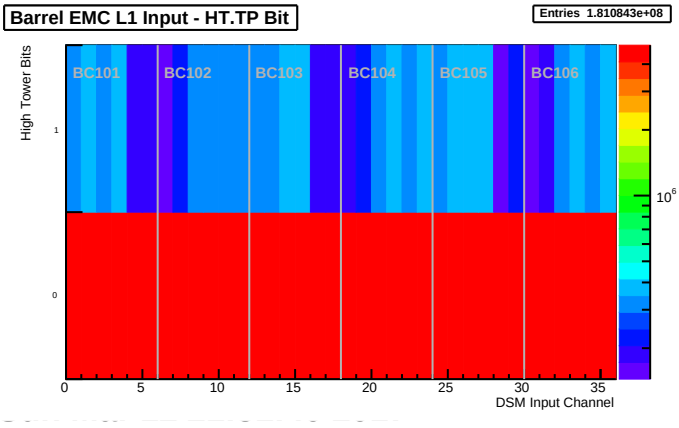

Barrel EMC L1 Input - Low Eta Sum
Entries 243654
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

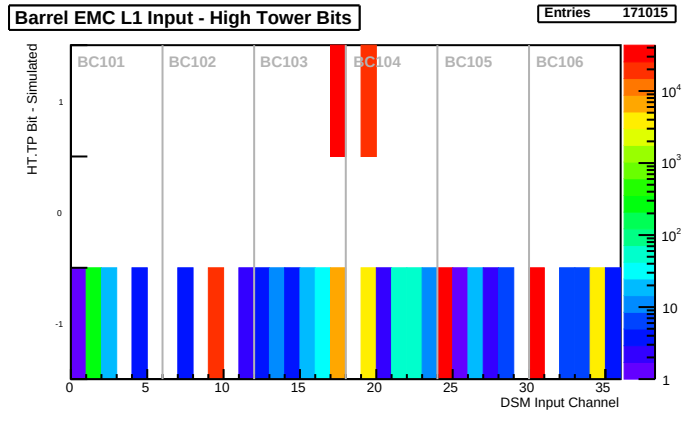

Barrel EMC L1 Input - High Eta Sum
Entries 1.810843e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

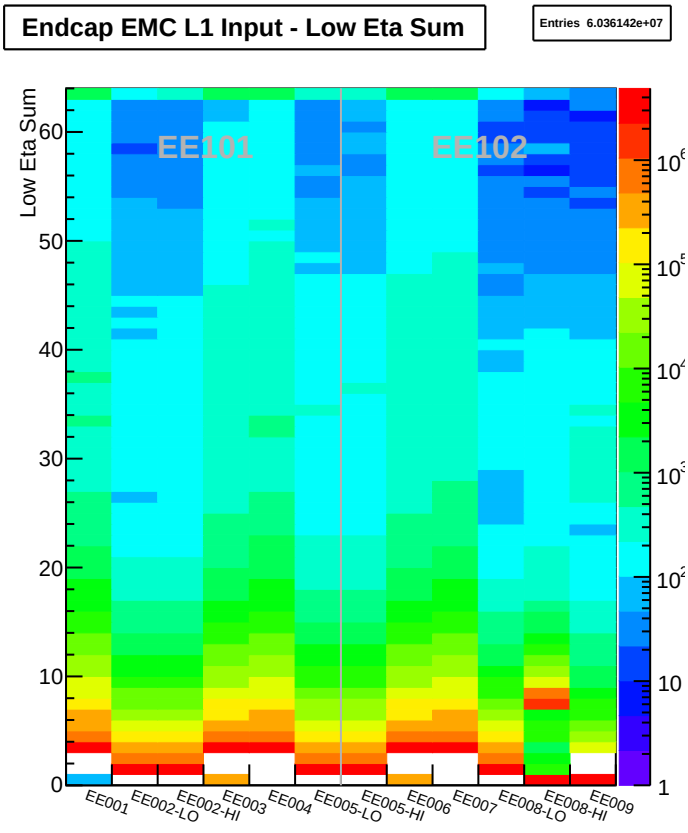

Barrel EMC L1 Input - High Eta Sum
Entries 215483
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

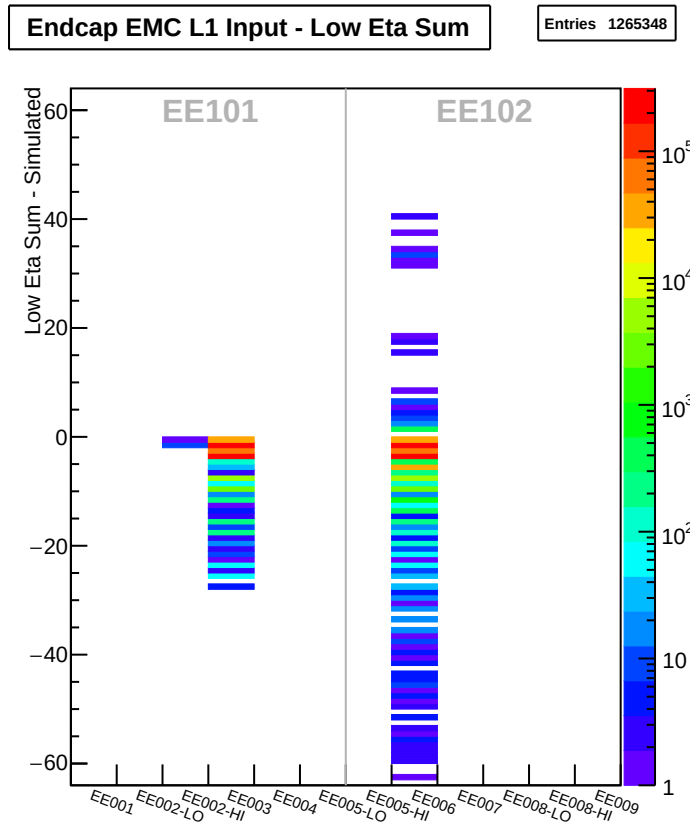

Barrel EMC L1 Input - High Tower Bits
Entries 1.810843e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

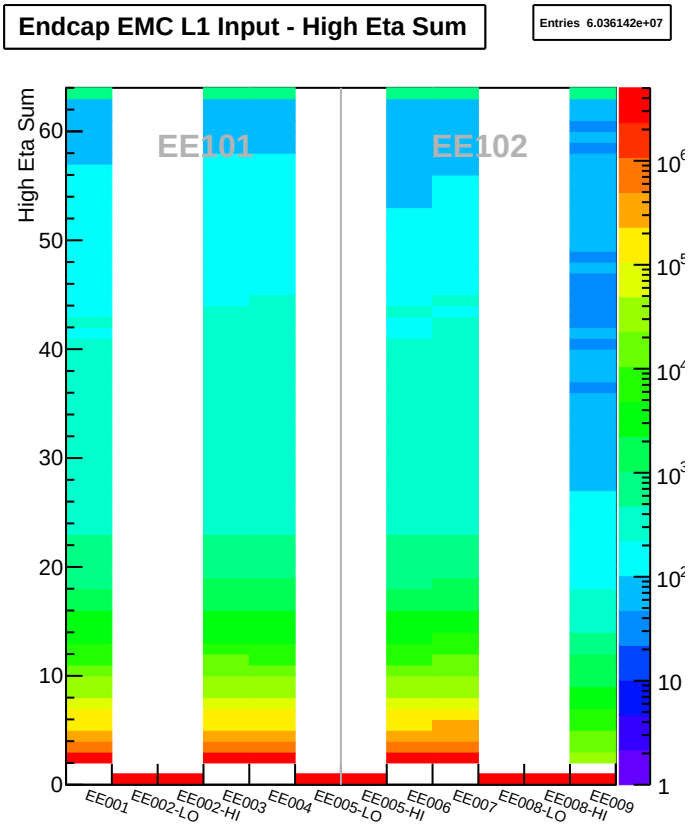

Barrel EMC L1 Input - High Tower Bits
Entries 172545
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

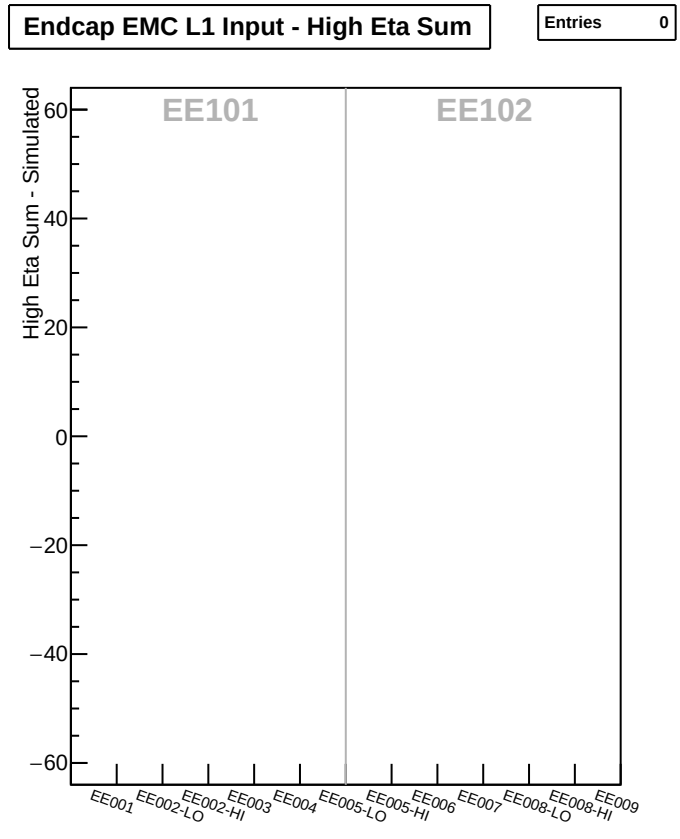

Barrel EMC L1 Input - HT.TP Bit
Entries 1.810843e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

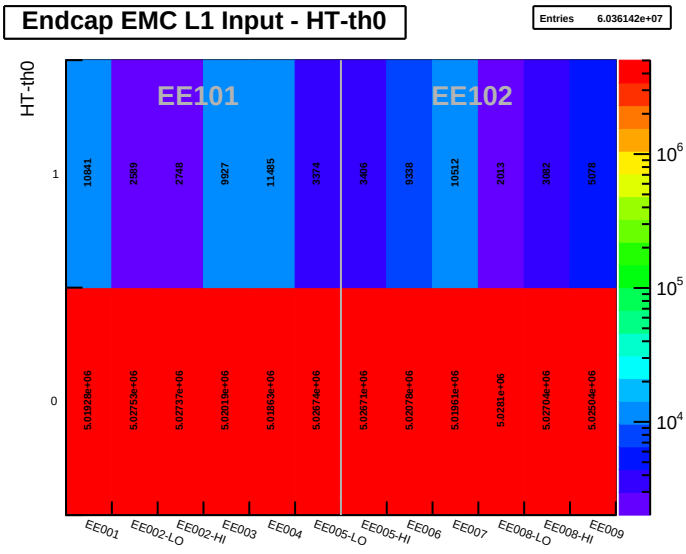

Barrel EMC L1 Input - High Tower Bits
Entries 171015
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

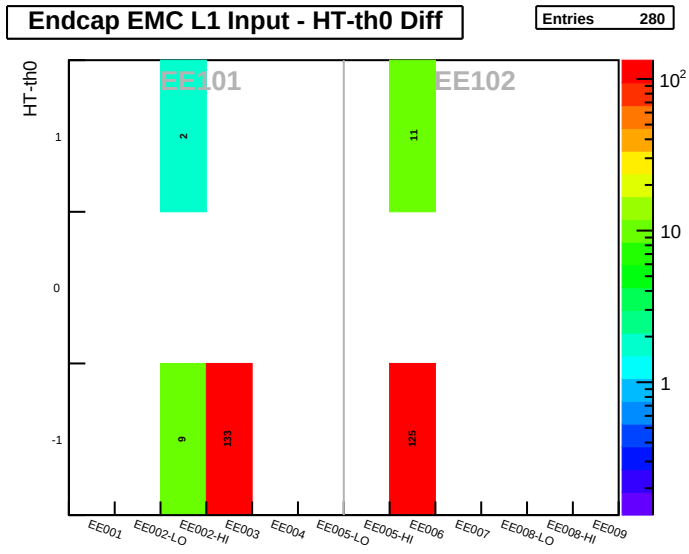

Endcap EMC L1 Input - Low Eta Sum
Entries 6.036142e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

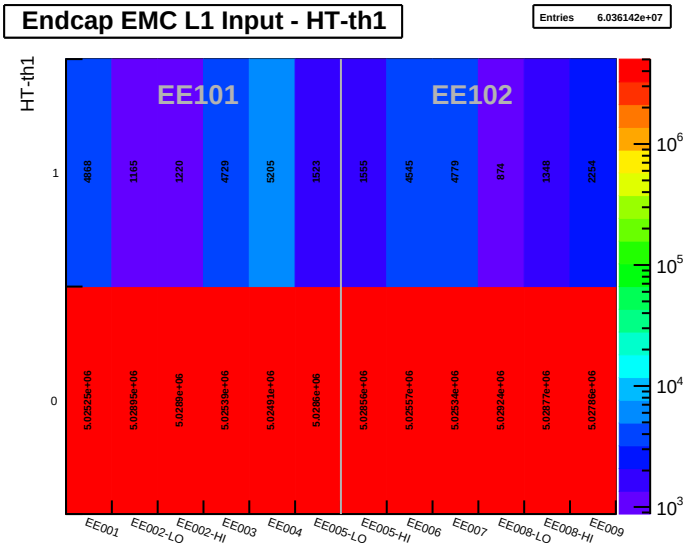

Endcap EMC L1 Input - Low Eta Sum
Entries 1265348
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

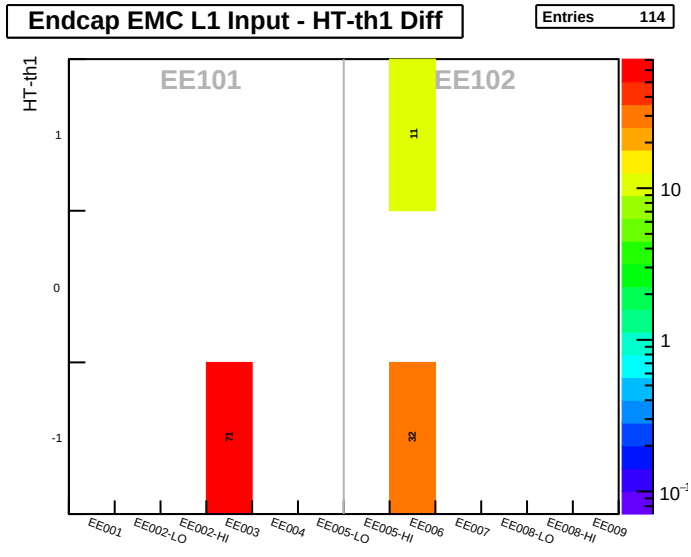

Endcap EMC L1 Input - High Eta Sum
Entries 6.036142e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

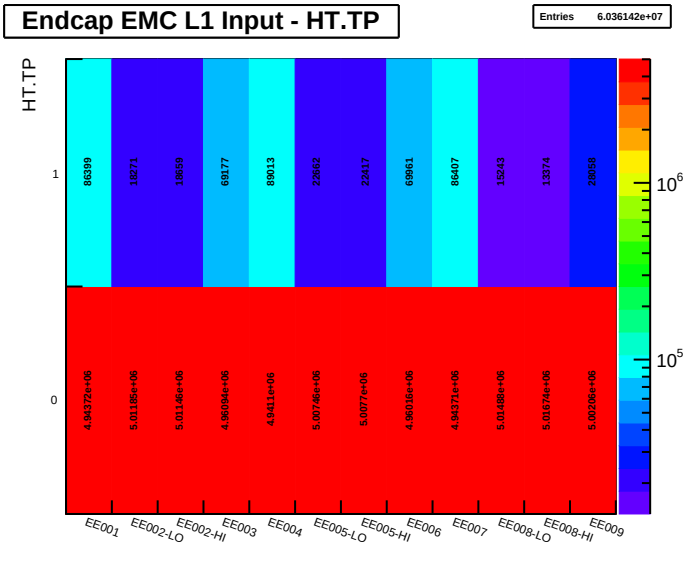

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

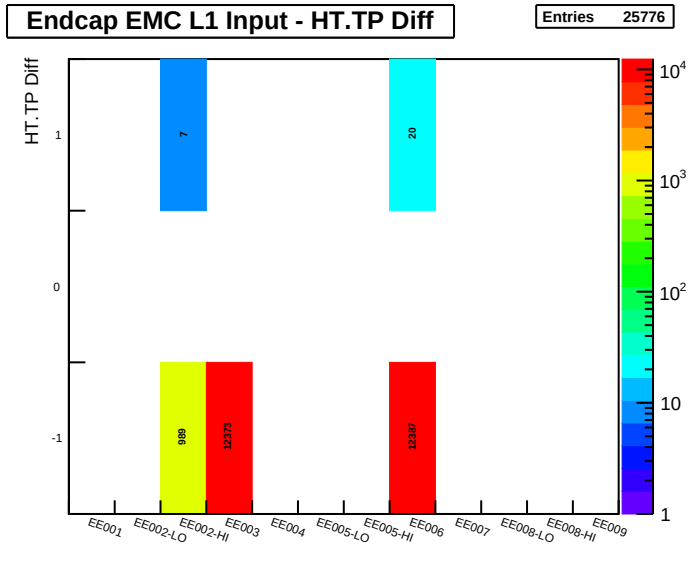

Endcap EMC L1 Input - HT-th0
Entries 6.036142e+07
HT-th0
EE101
EE102
10841 2539 2748 9927 11485 3374 3406 9338 10512 2013 3082 5078
5.01928e+06 5.02753e+06 5.02737e+06 5.02019e+06 5.01863e+06 5.02374e+06 5.02671e+06 5.02078e+06 5.01961e+06 5.0281e+06 5.02704e+06 5.02504e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

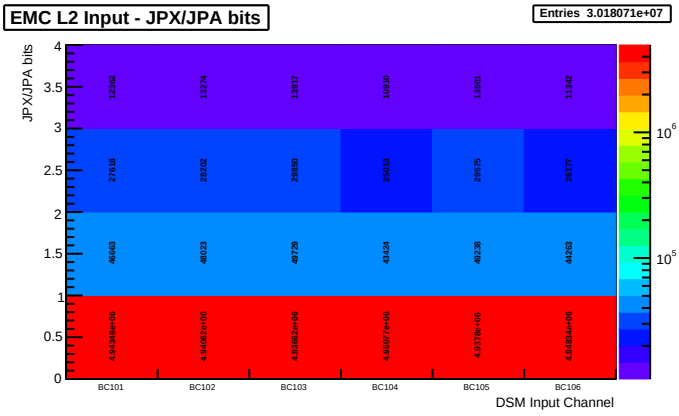

Endcap EMC L1 Input - HT-th0 Diff
Entries 280
HT-th0
EE101
EE102
2 11
9 133 125
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

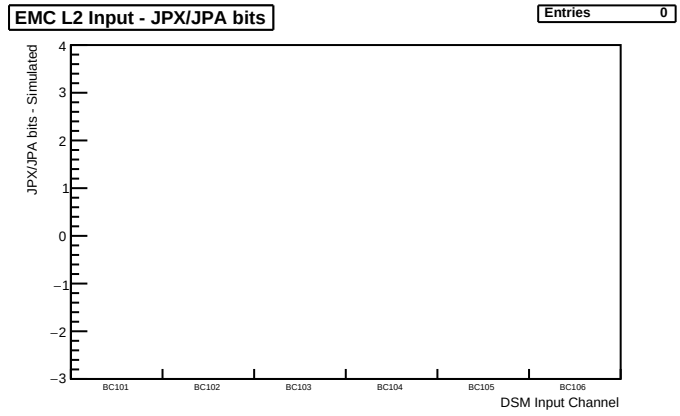

Endcap EMC L1 Input - HT-th1
Entries 6.036142e+07
HT-th1
EE101
EE102
4868 1165 1220 4729 5205 1523 1555 4545 4779 874 1348 2254
5.02525e+06 5.02895e+06 5.0280e+06 5.02539e+06 5.02491e+06 5.0286e+06 5.02856e+06 5.02557e+06 5.02534e+06 5.02924e+06 5.02877e+06 5.02766e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

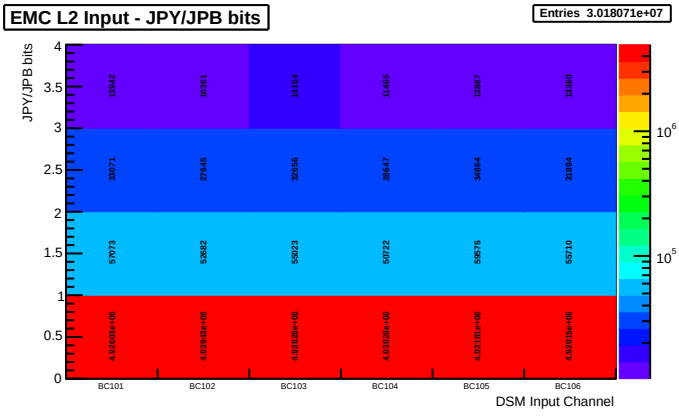

Endcap EMC L1 Input - HT-th1 Diff
Entries 114
HT-th1
EE101
EE102
11
71 32
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

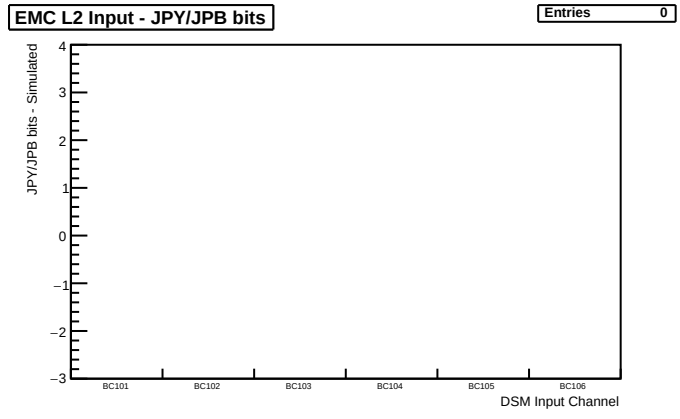

Endcap EMC L1 Input - HT.TP
Entries 6.036142e+07
HT.TP
86399 18271 18659 69177 89013 22662 22417 69961 86407 15243 13374 28058
4.94372e+06 5.01185e+06 5.0146e+06 4.96094e+06 4.9411e+06 5.00746e+06 5.0077e+06 4.96016e+06 4.94371e+06 5.0148e+06 5.01674e+06 5.00206e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

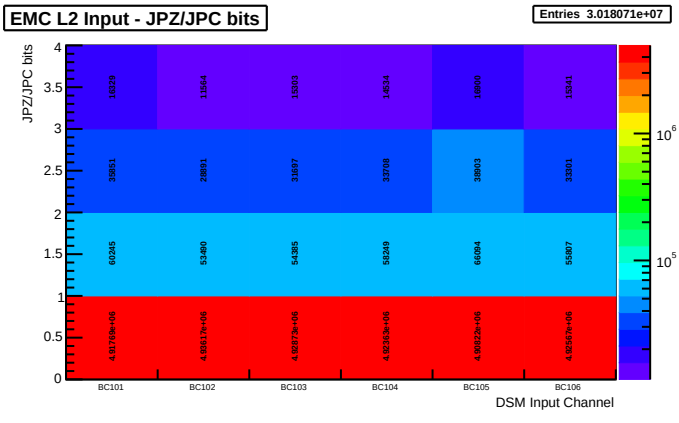

Endcap EMC L1 Input - HT.TP Diff
Entries 25776
HT.TP Diff
7 20
989 12373 12387
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

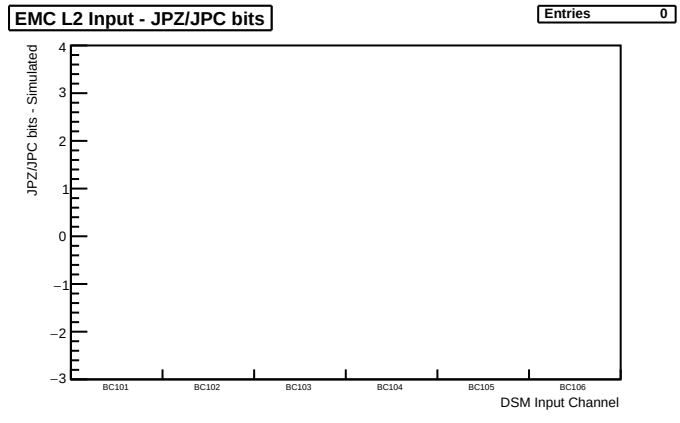

EMC L2 Input - JPX/JPA bits
Entries 3.018071e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

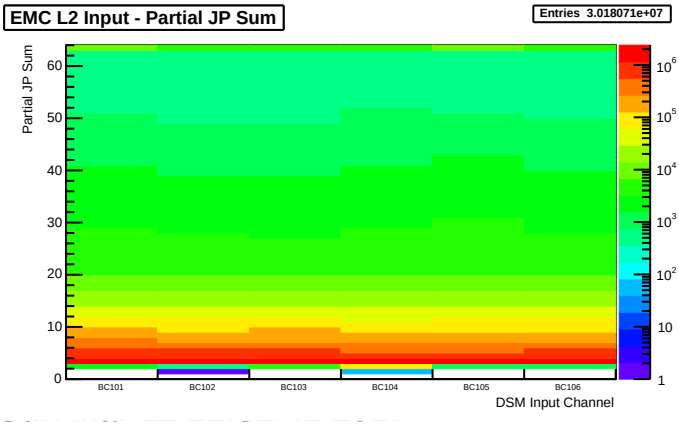

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

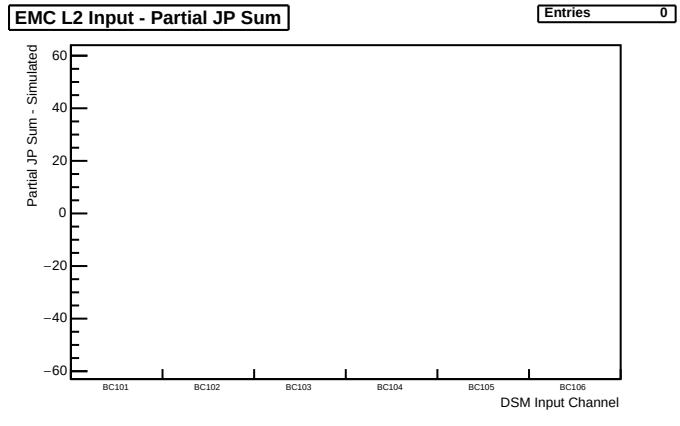

EMC L2 Input - JPY/JPB bits
Entries 3.018071e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

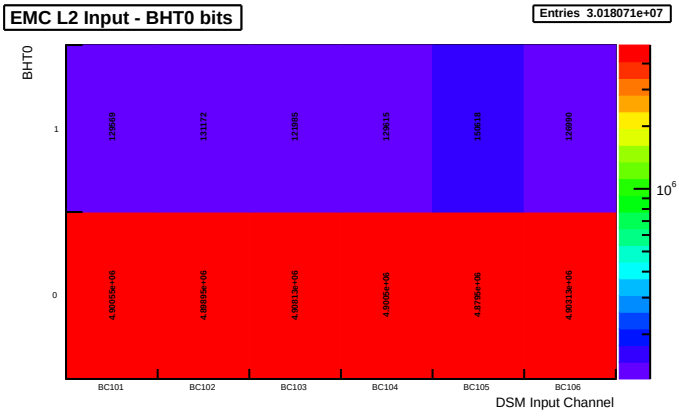

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

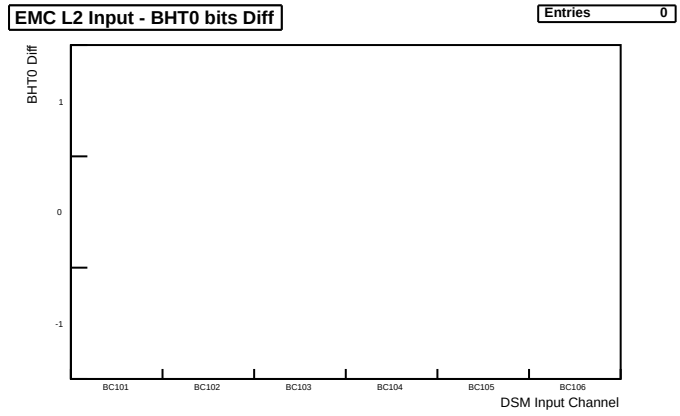

EMC L2 Input - JPZ/JPC bits
Entries 3.018071e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

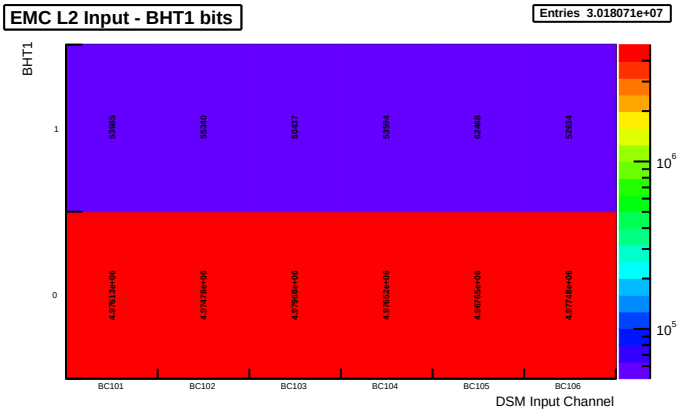

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

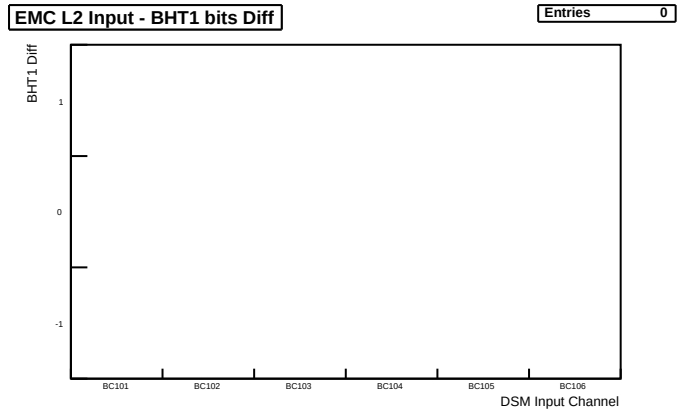

EMC L2 Input - Partial JP Sum
Entries 3.018071e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

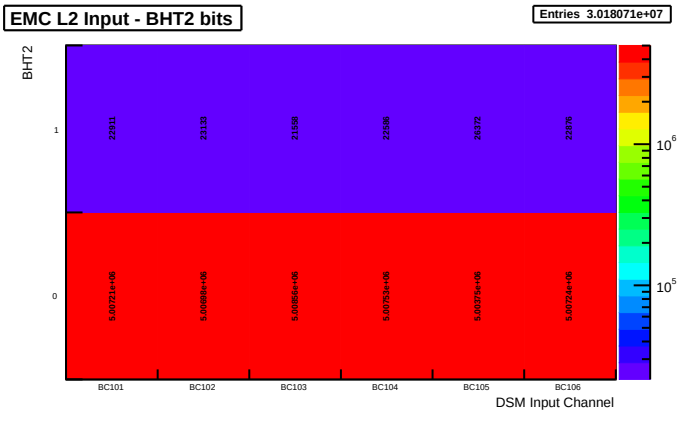

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

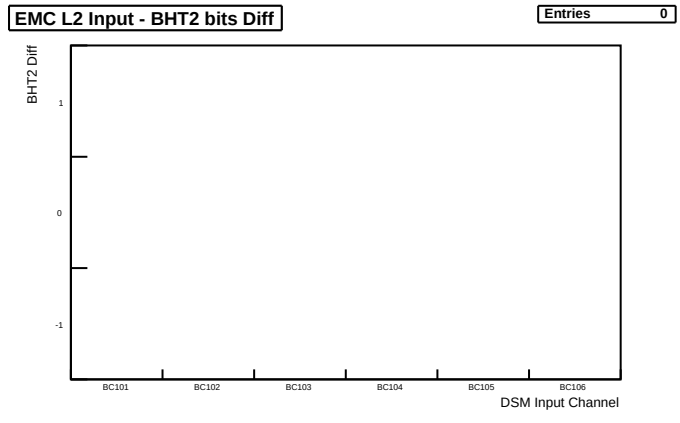

EMC L2 Input - BHT0 bits
Entries 3.018071e+07
BHT0
1
0
129569
131172
121985
129515
150518
126800
4.90059e+06
4.89895e+06
4.90813e+06
4.90705e+06
4.87795e+06
4.90313e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

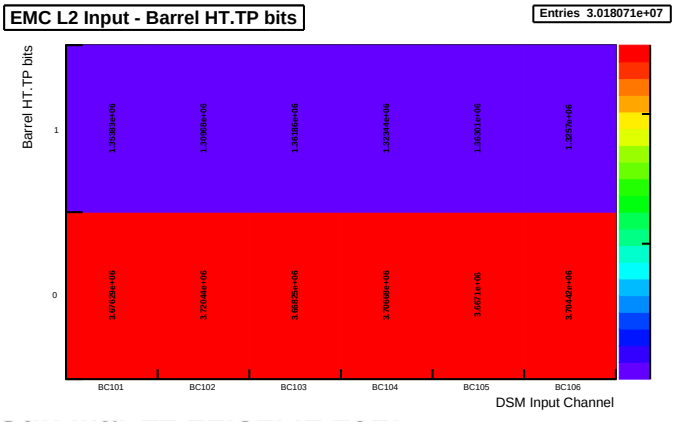

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

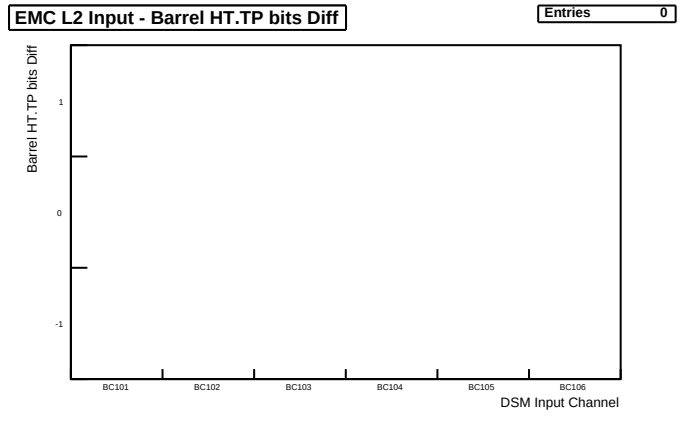

EMC L2 Input - BHT1 bits
Entries 3.018071e+07
BHT1
1
0
53865
55340
50457
53594
62468
52634
4.97613e+06
4.97478e+06
4.97968e+06
4.97652e+06
4.96765e+06
4.97749e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

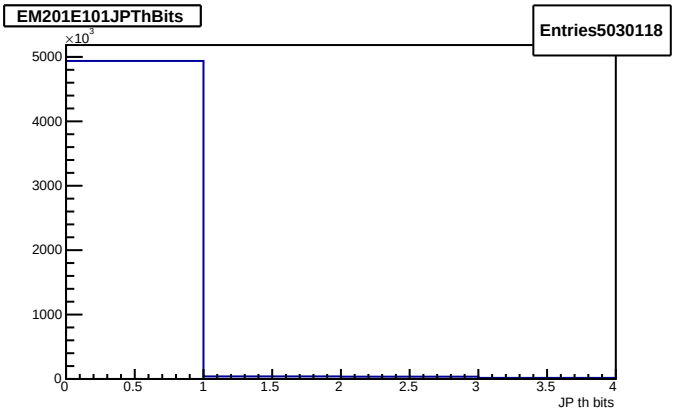

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

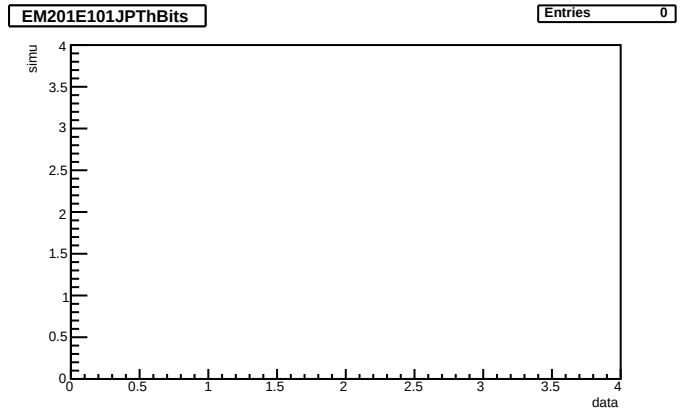

EMC L2 Input - BHT2 bits
Entries 3.018071e+07
BHT2
1
0
22911
23133
21538
22536
26372
22576
5.00721e+06
5.00658e+06
5.00856e+06
5.00753e+06
5.00375e+06
5.00724e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

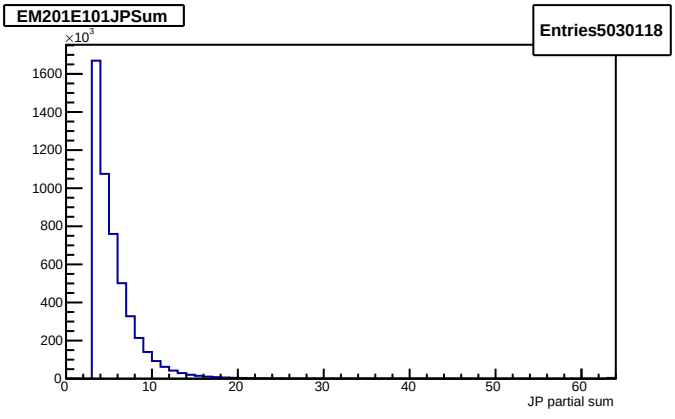

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

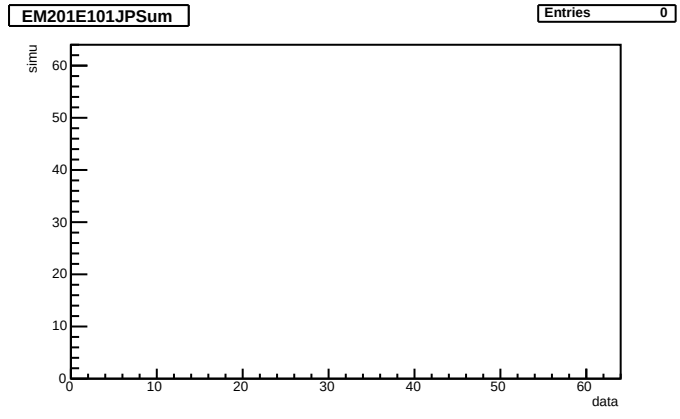

EMC L2 Input - Barrel HT.TP bits
Entries 3.018071e+07
Barrel HT.TP bits
1
0
1.35383e+06
1.30958e+06
1.36186e+06
1.32344e+06
1.36301e+06
1.3257e+06
3.67125e+06
3.72044e+06
3.66425e+06
3.70688e+06
3.6671e+06
3.70402e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

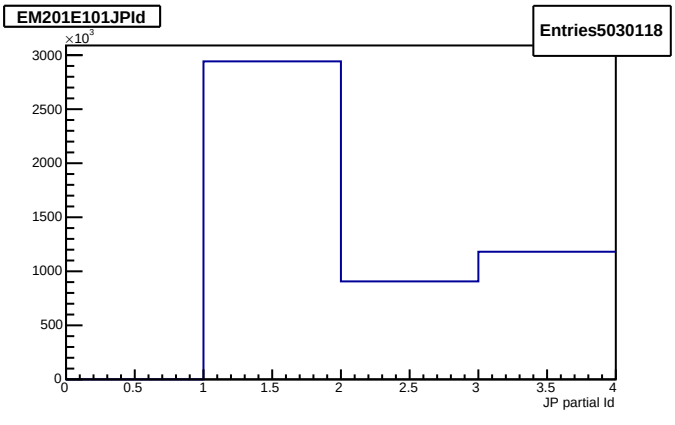

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

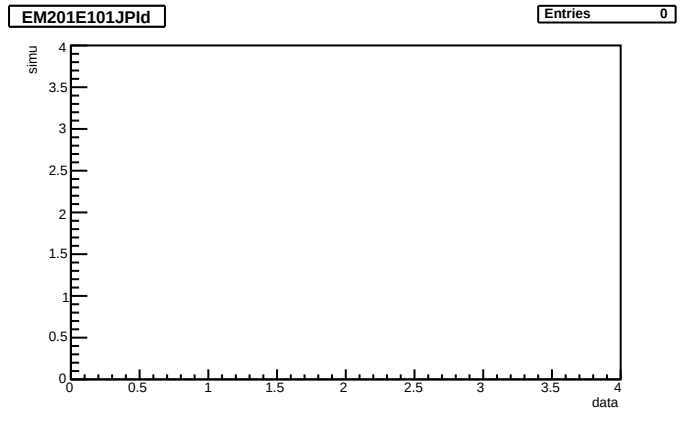

EM201E101JPThBits
Entries5030118
×10^3
JP th bits

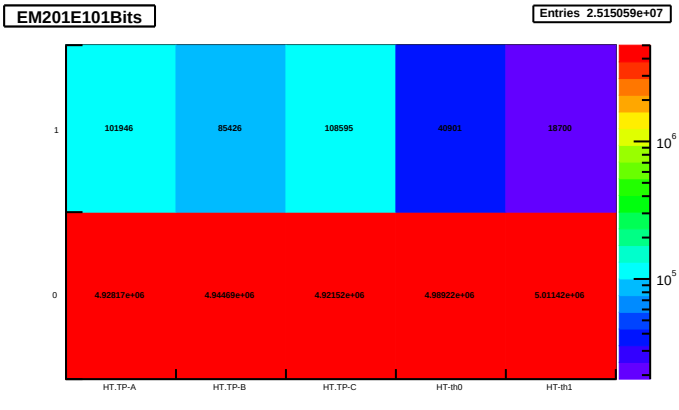

EM201E101JPThBits
Entries 0
simu
data

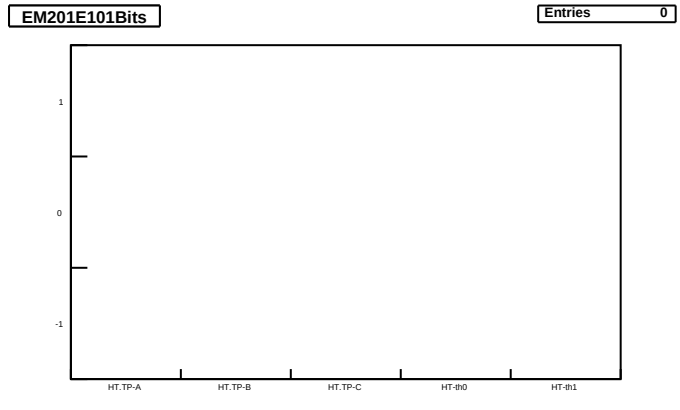

EM201E101JPSum
Entries5030118
×10^3
JP partial sum

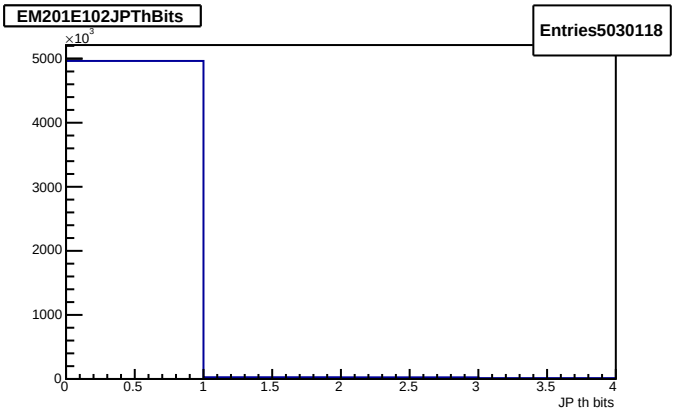

EM201E101JPSum
Entries 0
simu
data

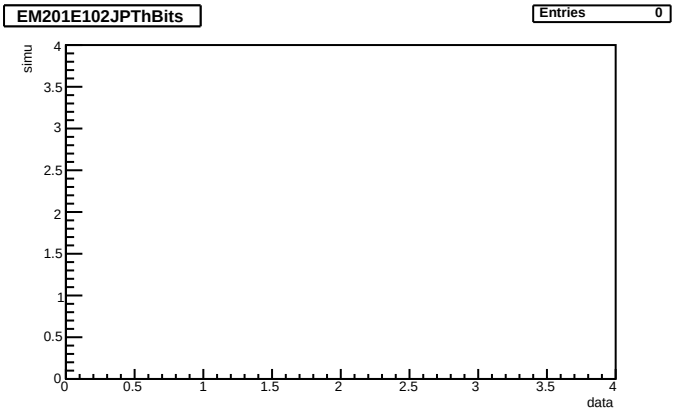

EM201E101JPId
Entries5030118
×10^3
JP partial Id

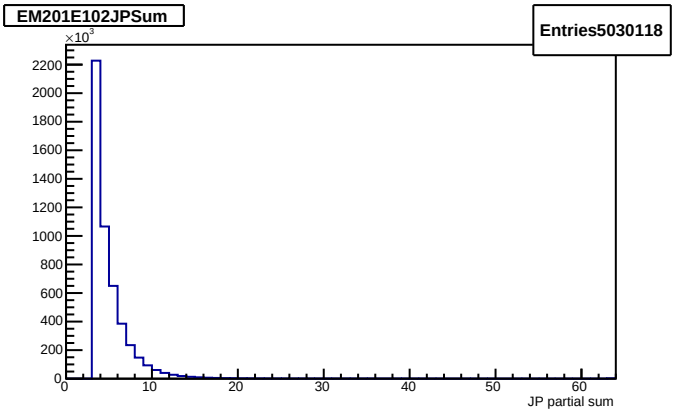

EM201E101JPId
Entries 0
simu
data

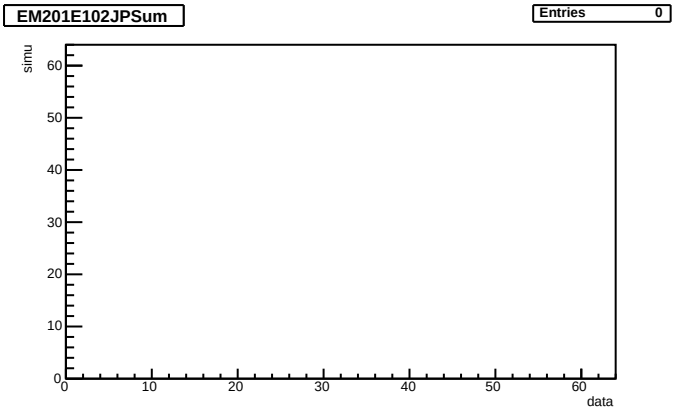

EM201E101Bits
Entries 2.515059e+07
101946
85426
108595
40901
18700
4.92817e+06
4.94469e+06
4.92152e+06
4.98922e+06
5.01142e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

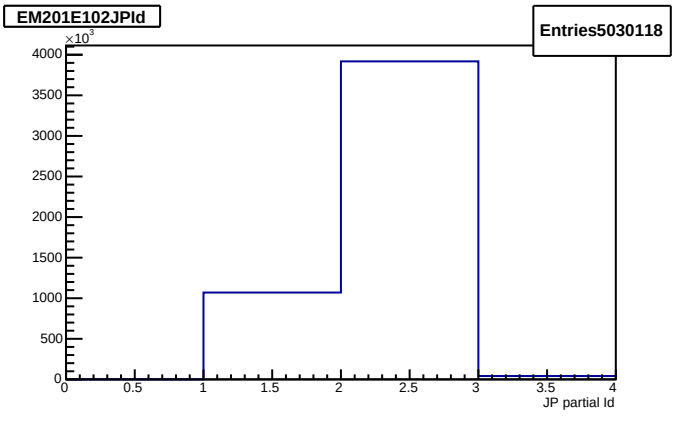

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

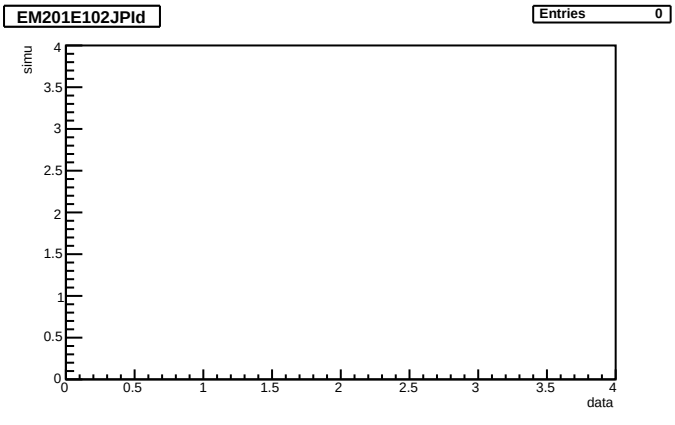

EM201E102JPThBits
Entries5030118
×10^3
JP th bits

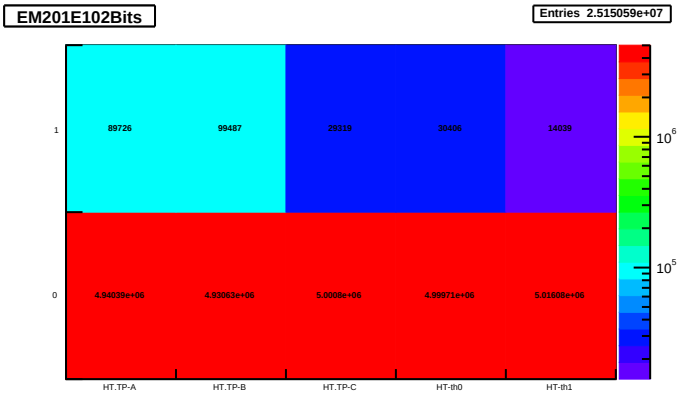

EM201E102JPThBits
Entries 0
simu
data

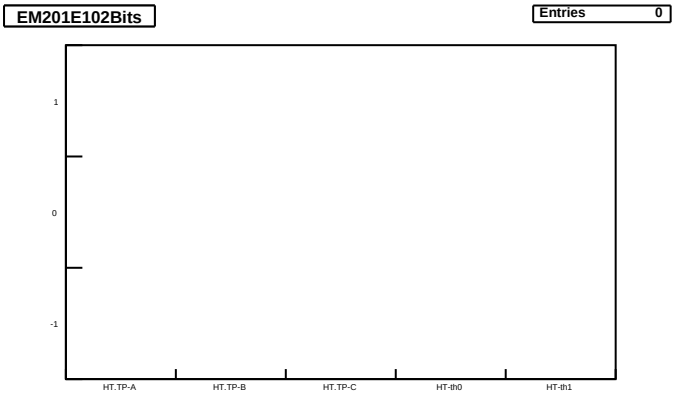

EM201E102JPSum
Entries5030118
×10^3
JP partial sum

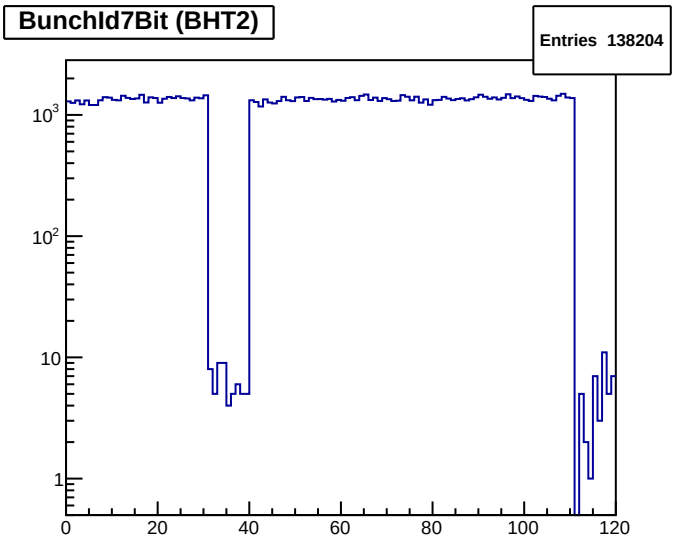

EM201E102JPSum
Entries 0
simu
data

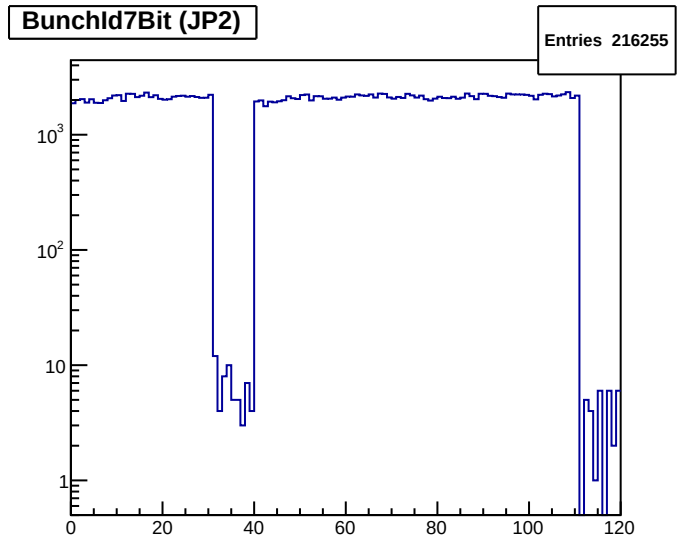

EM201E102JPId
Entries5030118
×10^3
JP partial Id

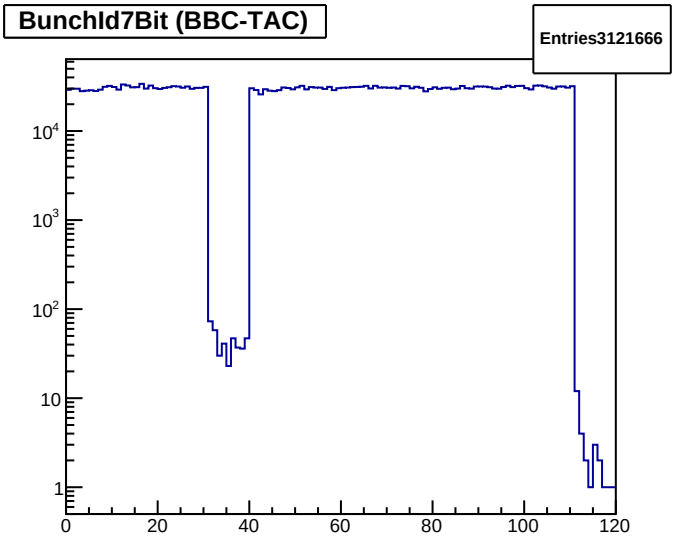

EM201E102JPId
Entries 0
simu
data

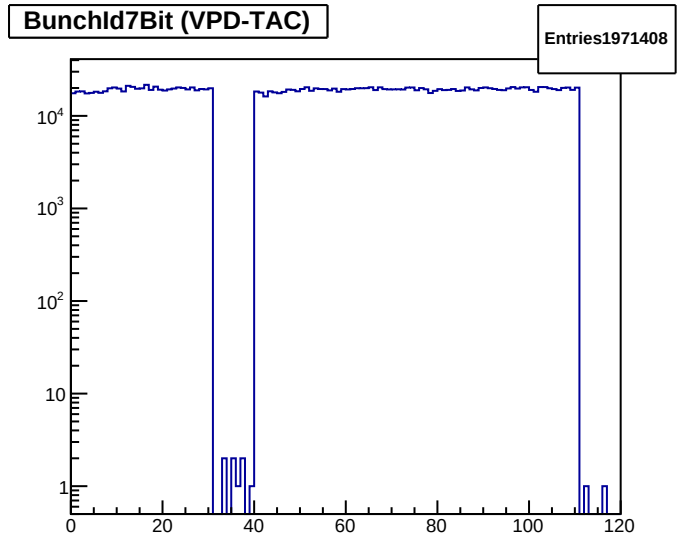

EM201E102Bits
Entries 2.515059e+07
89726
99487
29319
30406
14039
4.94039e+06
4.93063e+06
5.0008e+06
4.99971e+06
5.01608e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

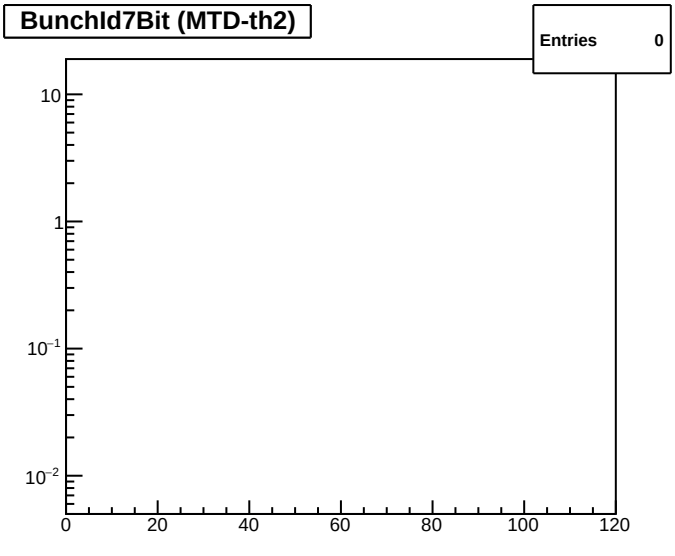

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

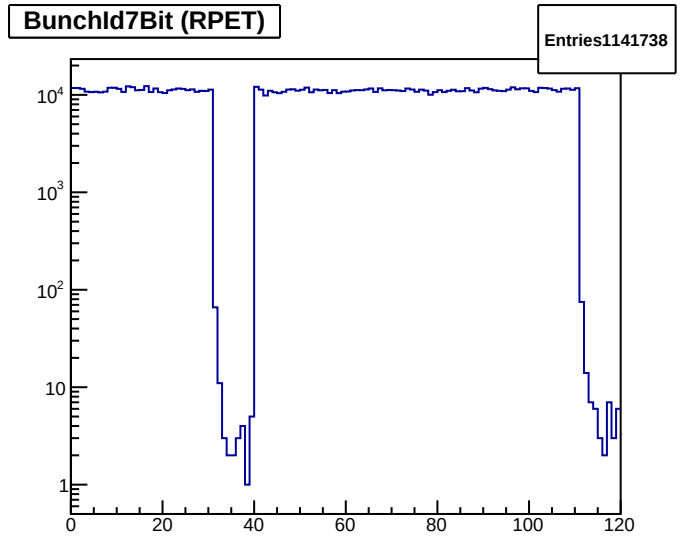

BunchId7Bit (BHT2)
Entries 138204

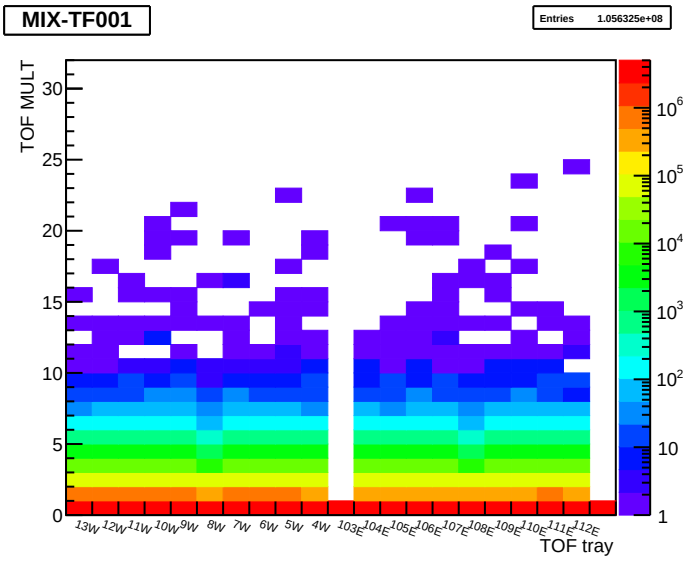

BunchId7Bit (JP2)
Entries 216255

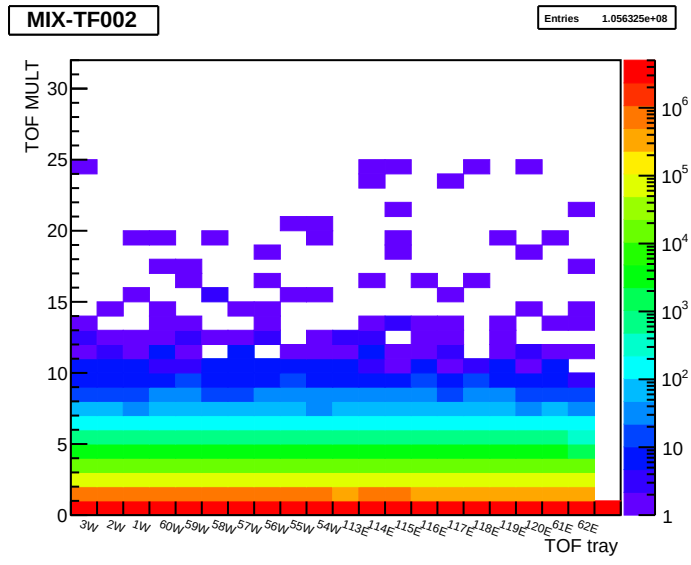

BunchId7Bit (BBC-TAC)
Entries3121666

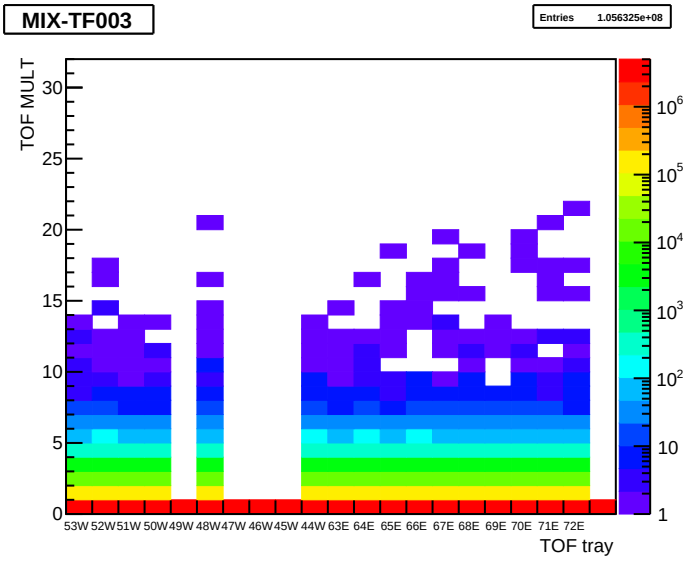

BunchId7Bit (VPD-TAC)
Entries1971408

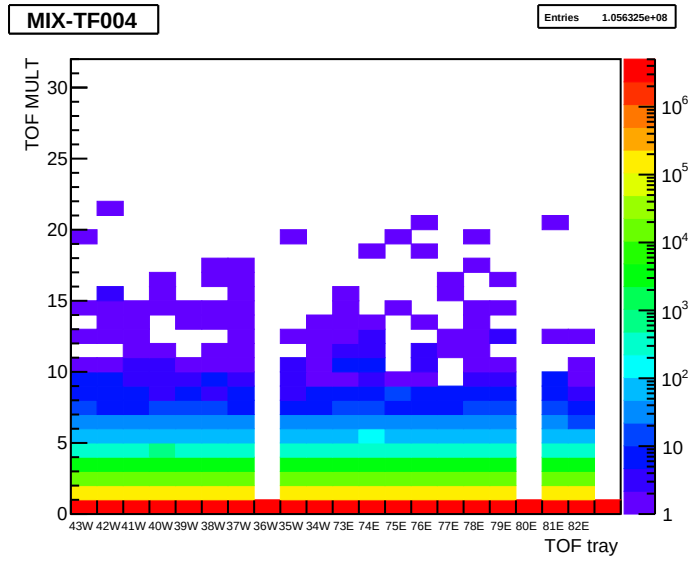

BunchId7Bit (MTD-th2)
Entries 0

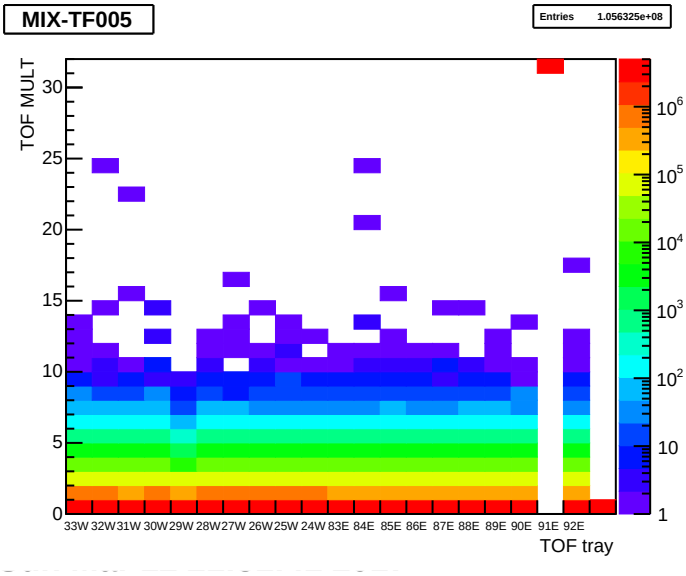

BunchId7Bit (RPET)
Entries1141738

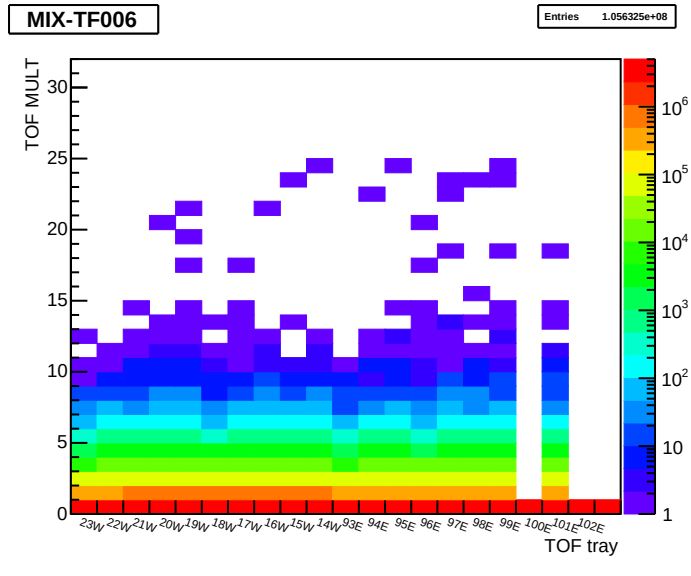

MIX-TF001
Entries 1.056325e+08
TOF MULT
TOF tray

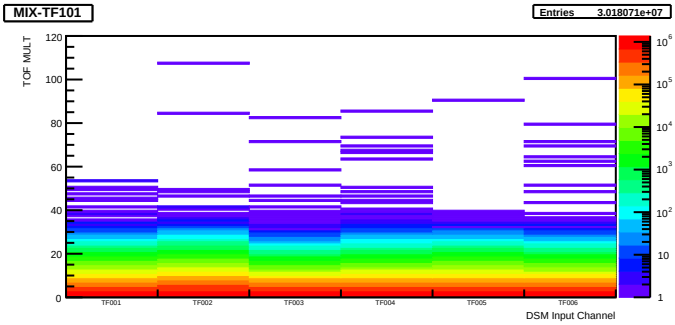

MIX-TF002
Entries 1.056325e+08
TOF MULT
TOF tray

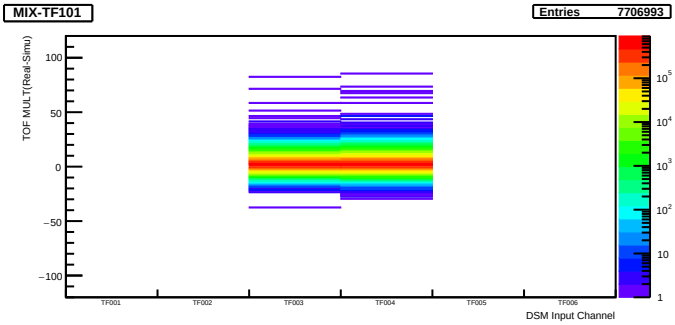

MIX-TF003
Entries 1.056325e+08
TOF MULT
TOF tray

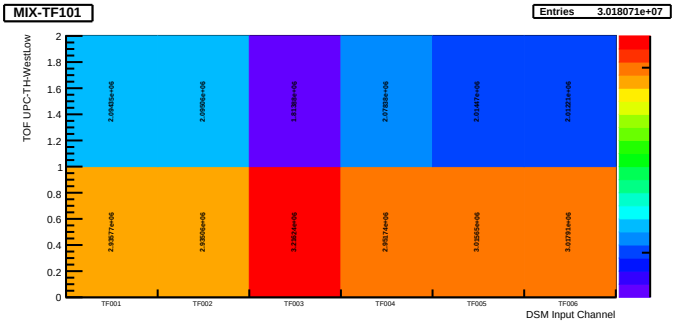

MIX-TF004
Entries 1.056325e+08
TOF MULT
TOF tray

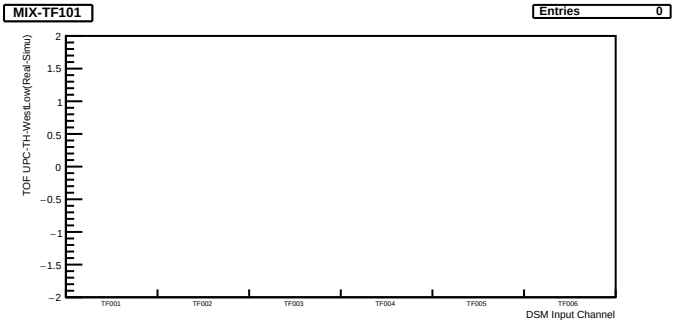

MIX-TF005
Entries 1.056325e+08
TOF MULT
TOF tray

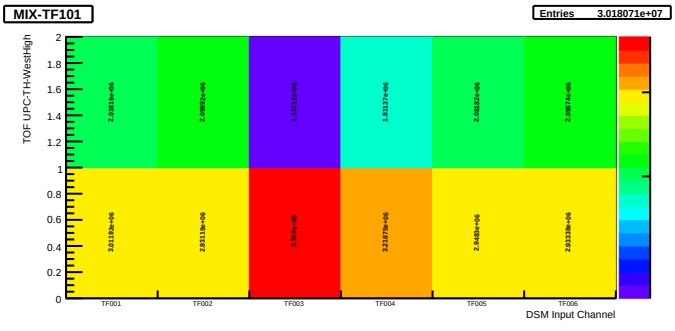

MIX-TF006
Entries 1.056325e+08
TOF MULT
TOF tray

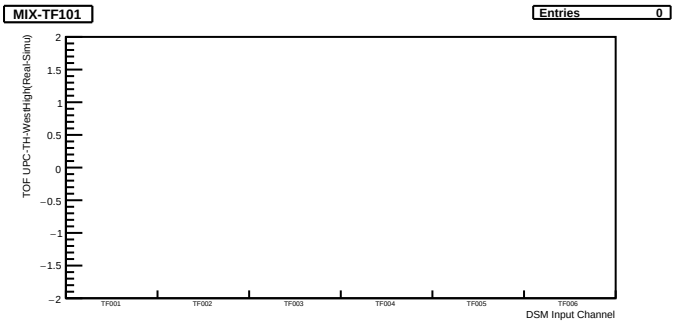

MIX-TF101
Entries 3.018071e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

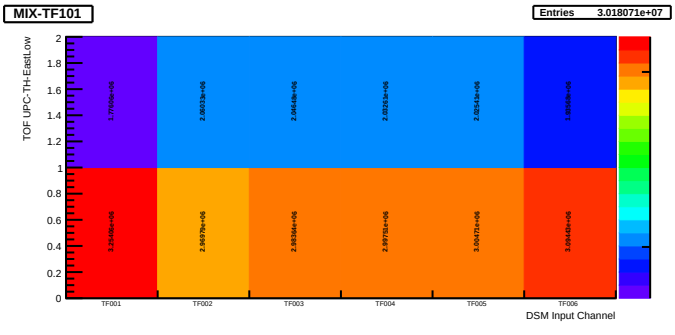

MIX-TF101
Entries 7706993
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

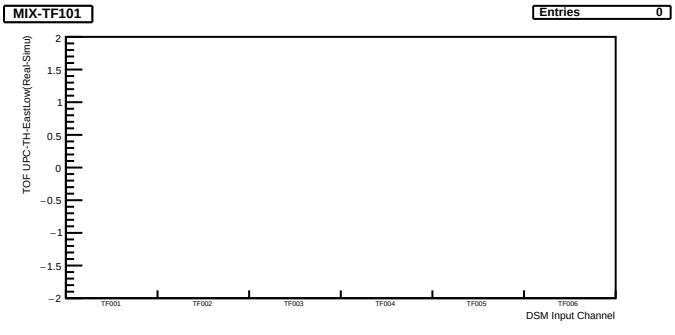

MIX-TF101
Entries 3.018071e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

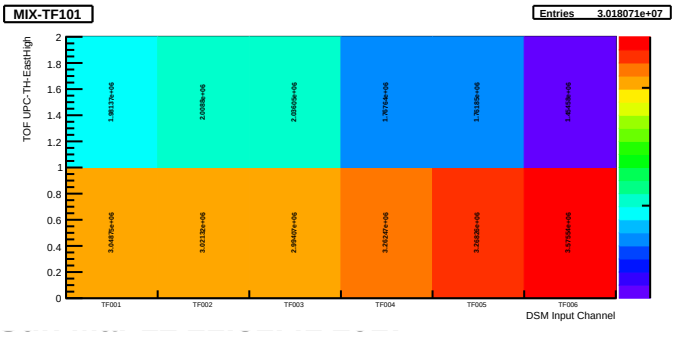

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

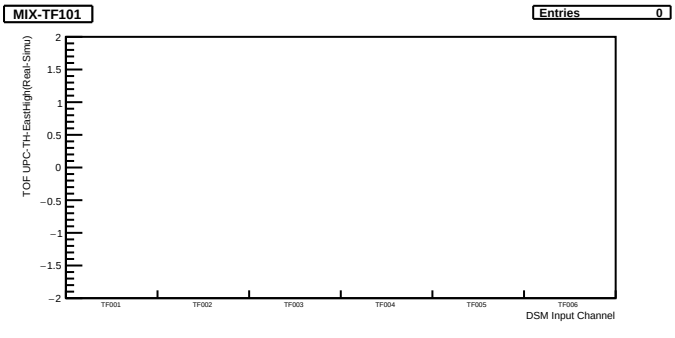

MIX-TF101
Entries 3.018071e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

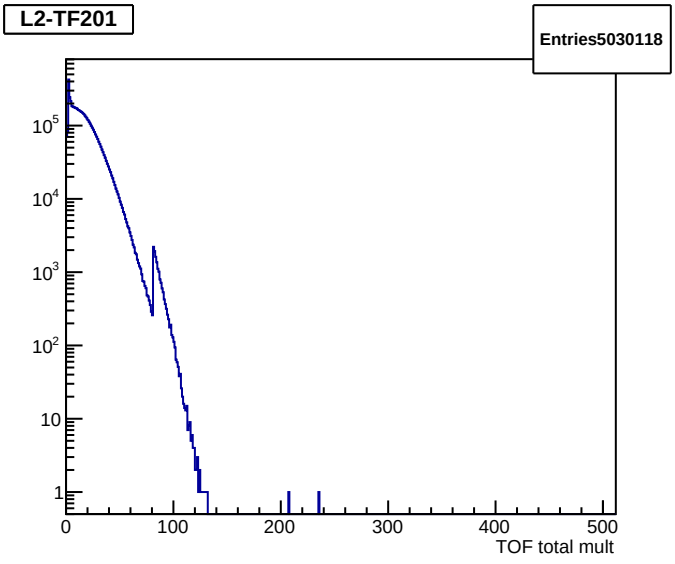

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

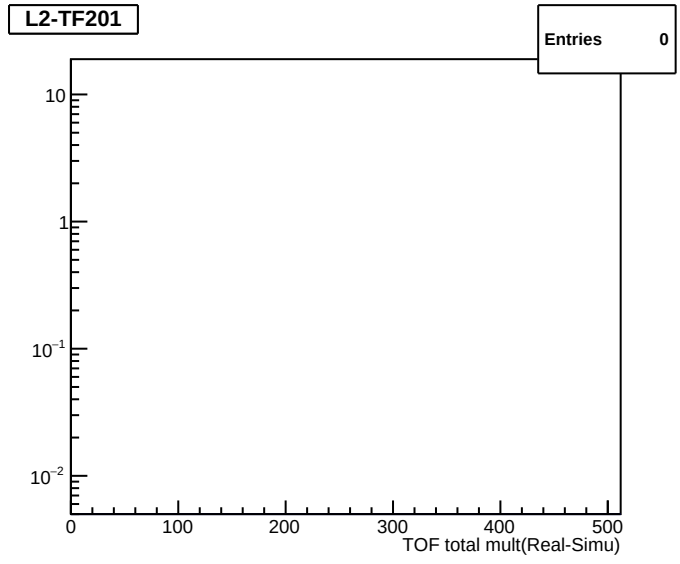

MIX-TF101
Entries 3.018071e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

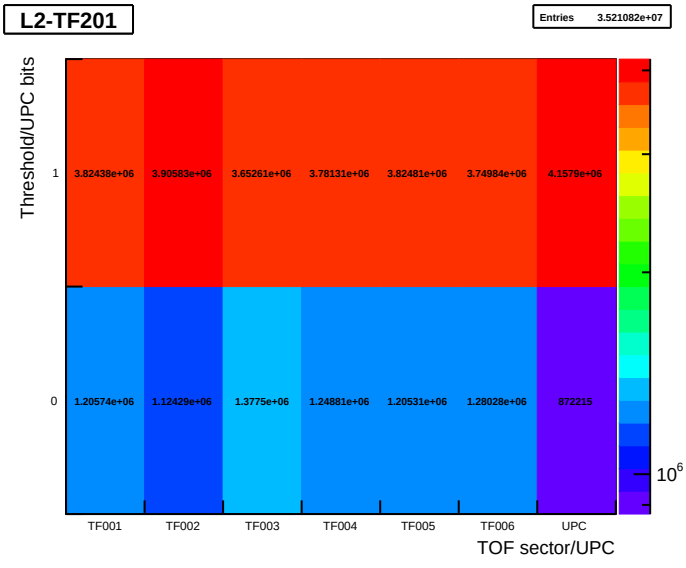

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

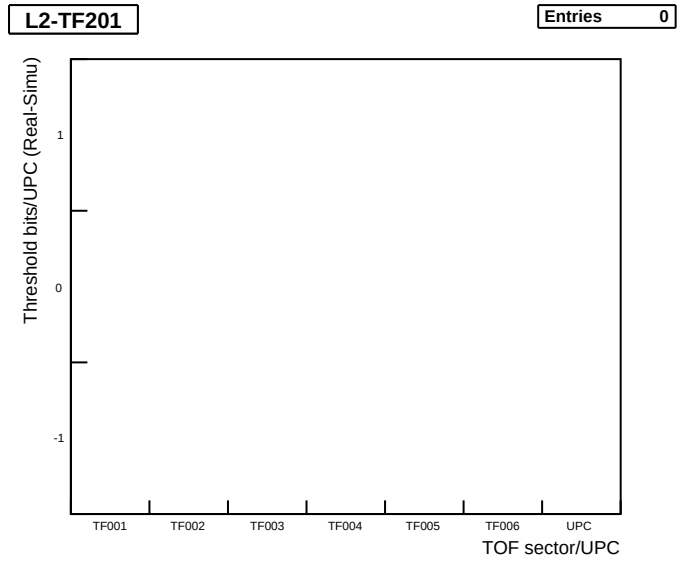

MIX-TF101
Entries 3.018071e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

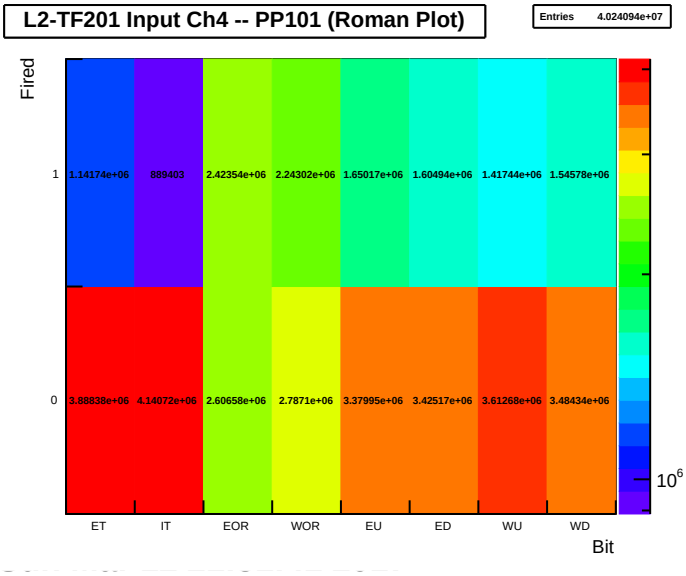

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

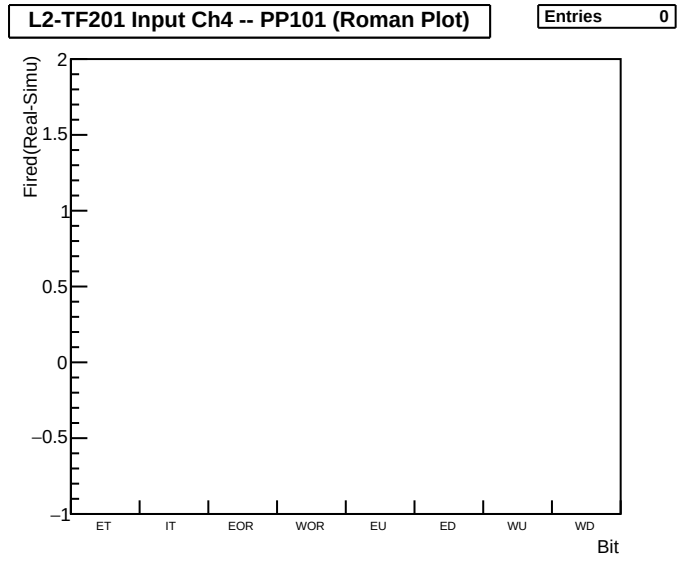

L2-TF201
Entries5030118
TOF total mult

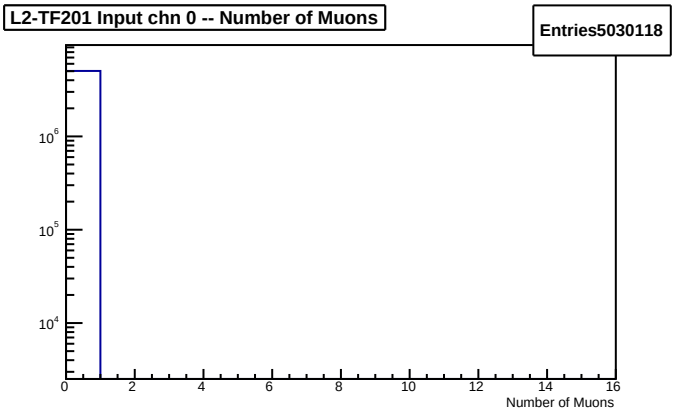

L2-TF201
Entries 0
TOF total mult(Real-Simu)

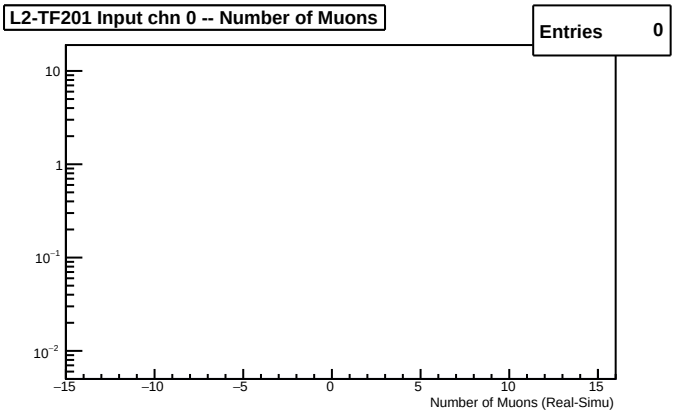

L2-TF201
Entries 3.521082e+07
Threshold/UPC bits
3.82438e+06
3.90583e+06
3.65261e+06
3.78131e+06
3.82481e+06
3.74984e+06
4.1579e+06
1.20574e+06
1.12429e+06
1.3775e+06
1.24881e+06
1.20531e+06
1.28028e+06
872215
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

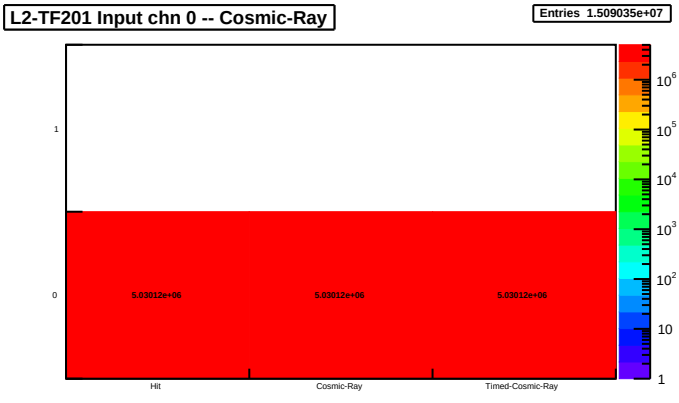

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

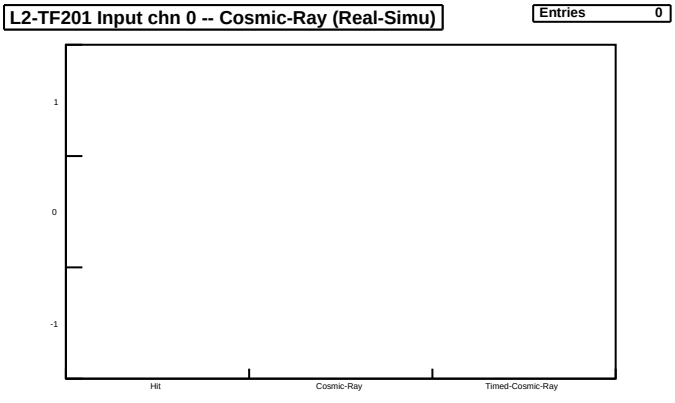

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.024094e+07
Fired
1.14174e+06
889403
2.42354e+06
2.24302e+06
1.65017e+06
1.60494e+06
1.41744e+06
1.54578e+06
3.88838e+06
4.14072e+06
2.60658e+06
2.7871e+06
3.37995e+06
3.42517e+06
3.61268e+06
3.48434e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

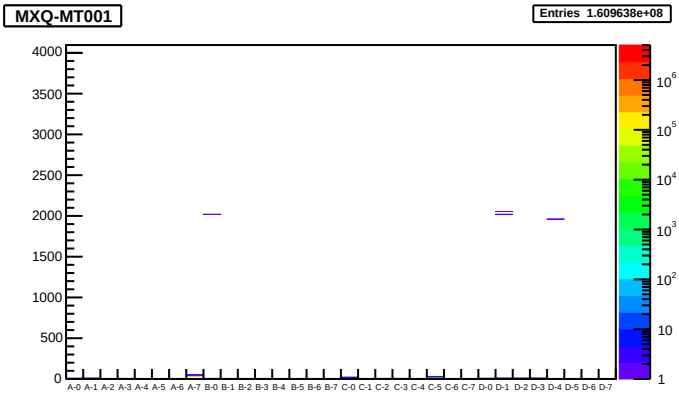

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

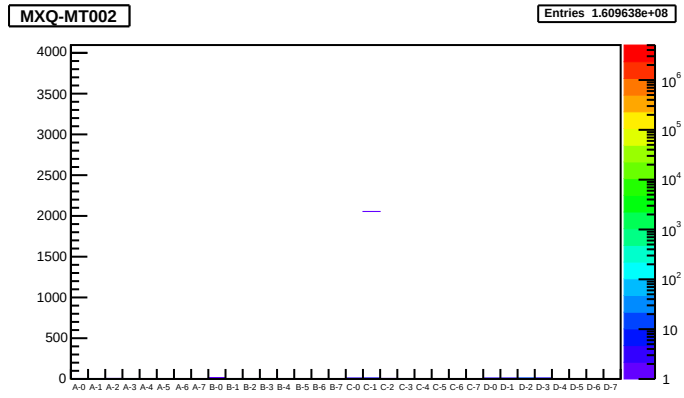

L2-TF201 Input chn 0 -- Number of Muons
Entries5030118
Number of Muons

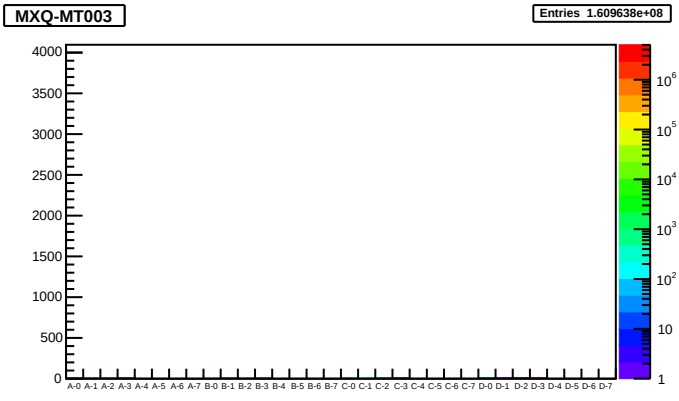

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

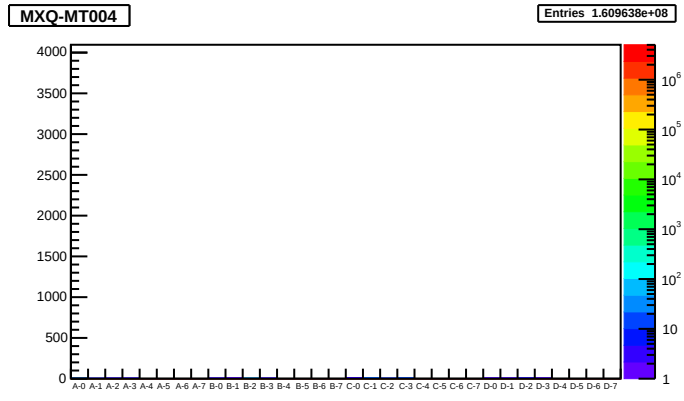

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.509035e+07
5.03012e+06
5.03012e+06
5.03012e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

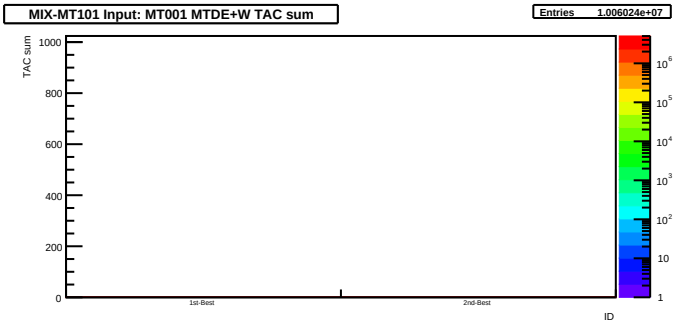

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

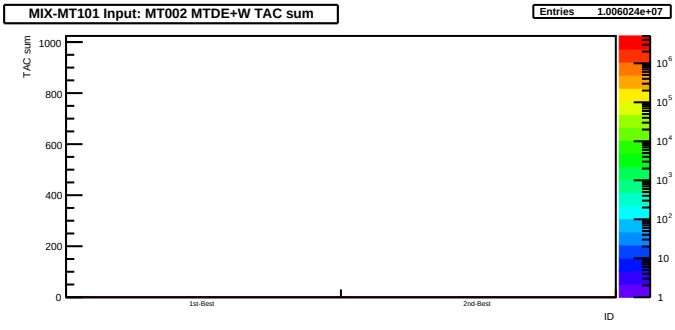

MXQ-MT001
Entries 1.609638e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

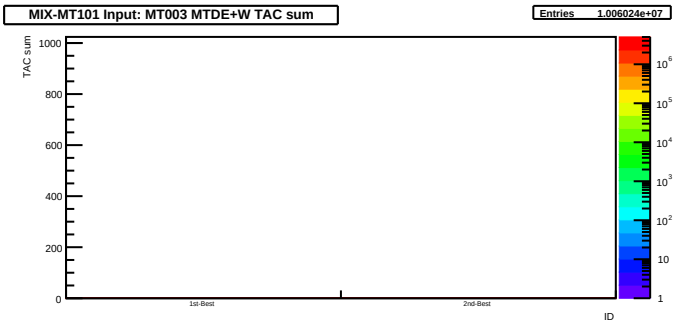

MXQ-MT002
Entries 1.609638e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

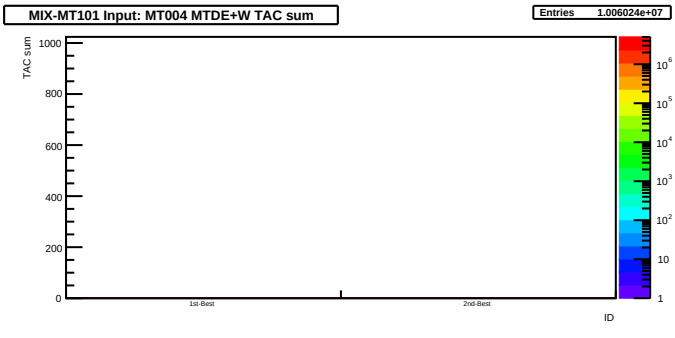

MXQ-MT003
Entries 1.609638e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

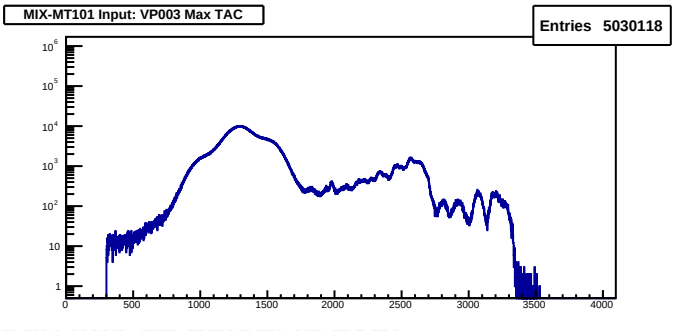

MXQ-MT004
Entries 1.609638e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

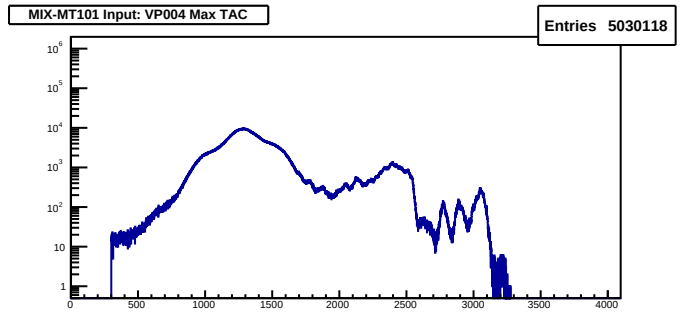

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.006024e+07
TAC sum
1st-Best
2nd-Best
ID

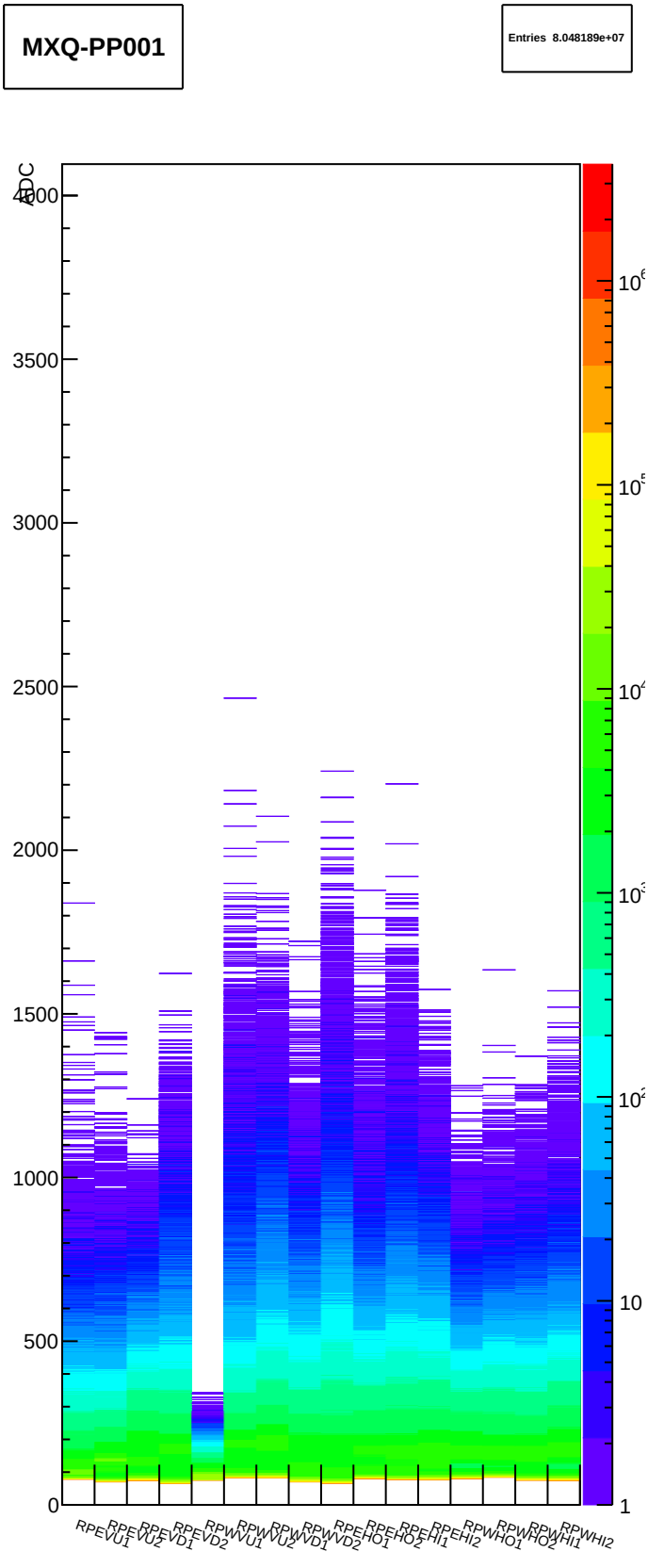

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.006024e+07
TAC sum
1st-Best
2nd-Best
ID

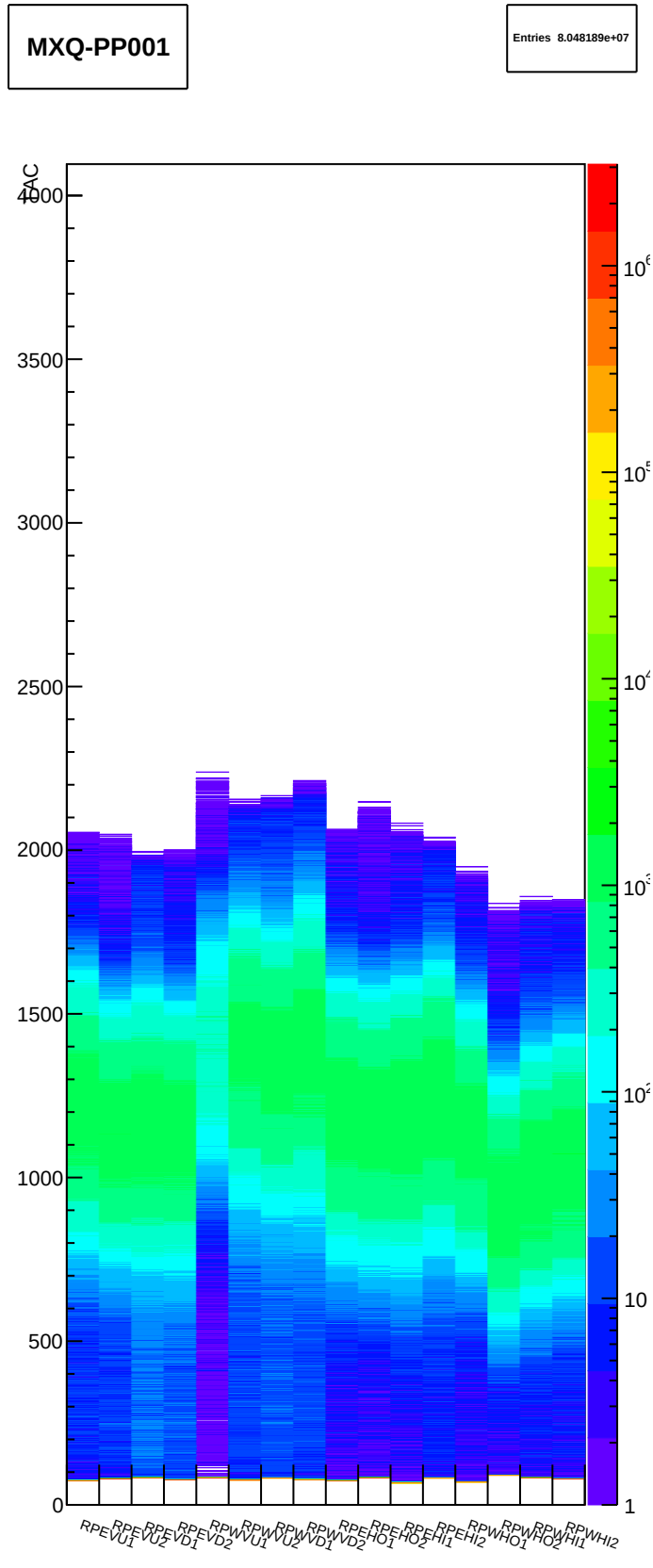

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.006024e+07
TAC sum
1st-Best
2nd-Best
ID

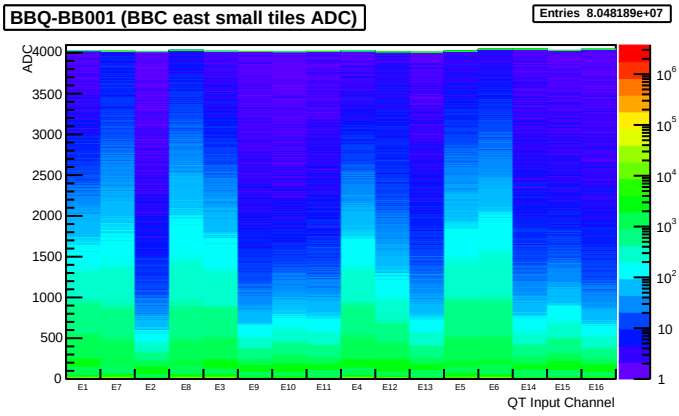

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.006024e+07
TAC sum
1st-Best
2nd-Best
ID

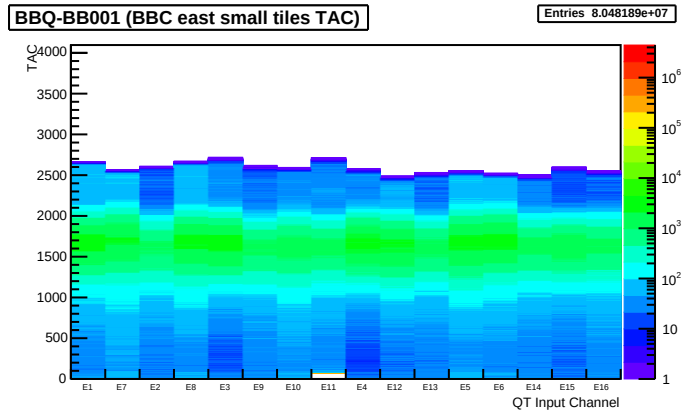

MIX-MT101 Input: VP003 Max TAC
Entries 5030118

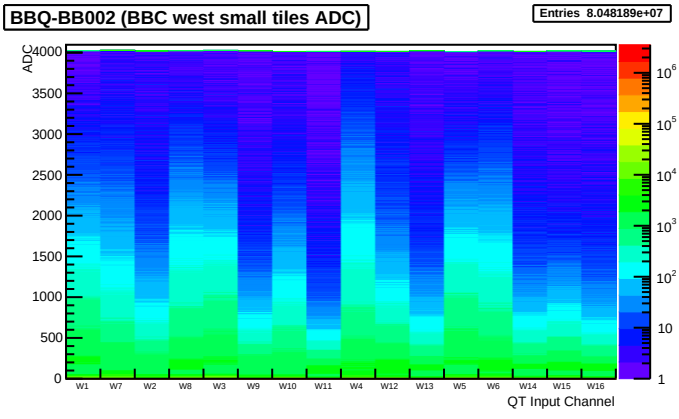

MIX-MT101 Input: VP004 Max TAC
Entries 5030118

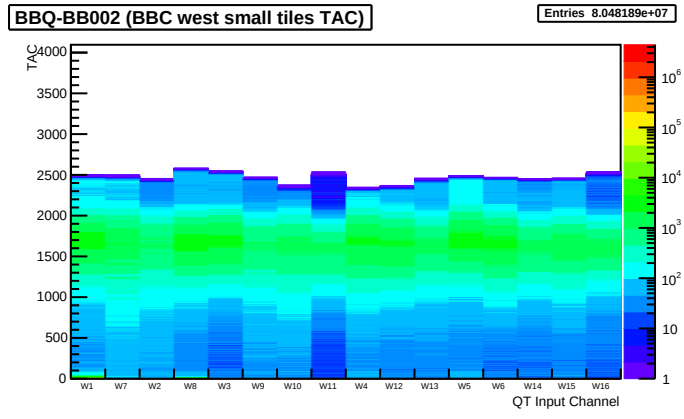

MXQ-PP001
Entries 8.048189e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

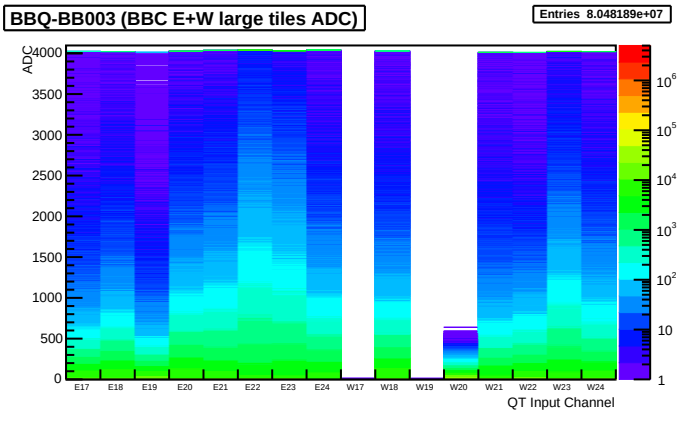

MXQ-PP001
Entries 8.048189e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

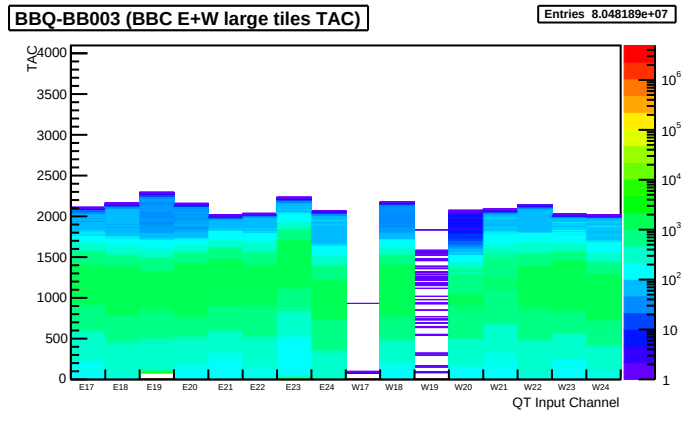

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.048189e+07
ADC
QT Input Channel

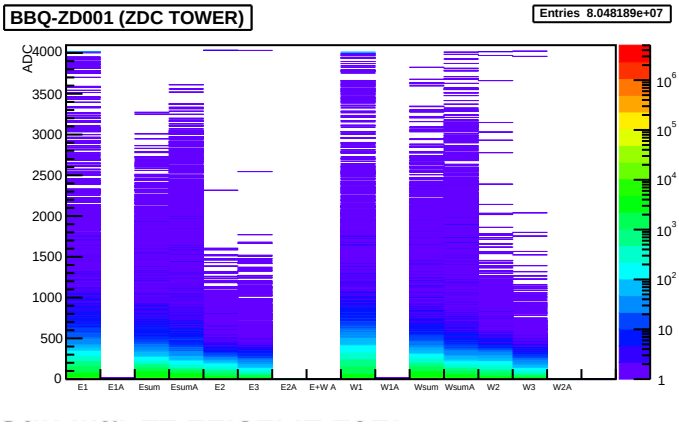

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.048189e+07
TAC
QT Input Channel

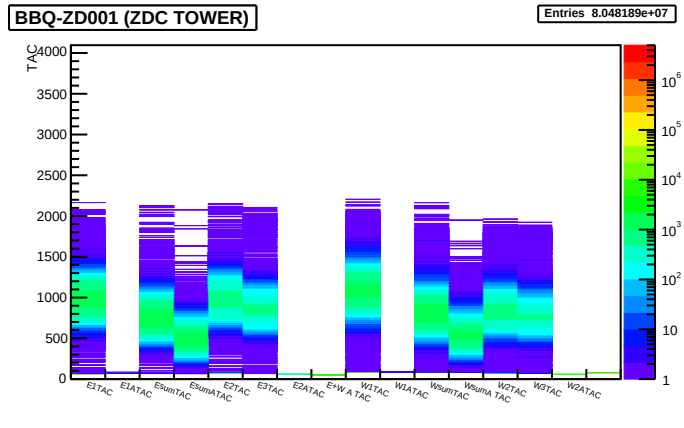

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.048189e+07
ADC
QT Input Channel

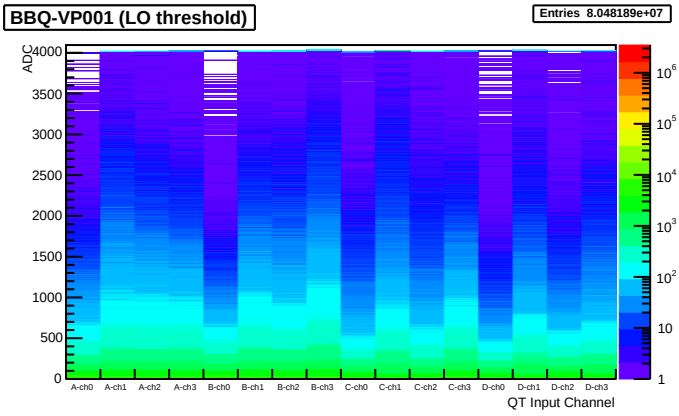

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.048189e+07
TAC
QT Input Channel

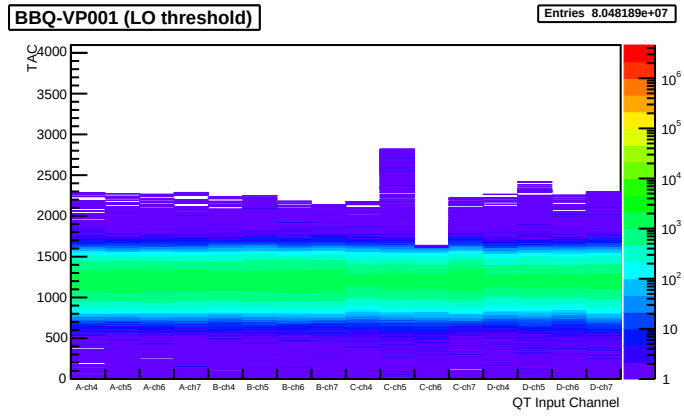

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.048189e+07
ADC
QT Input Channel

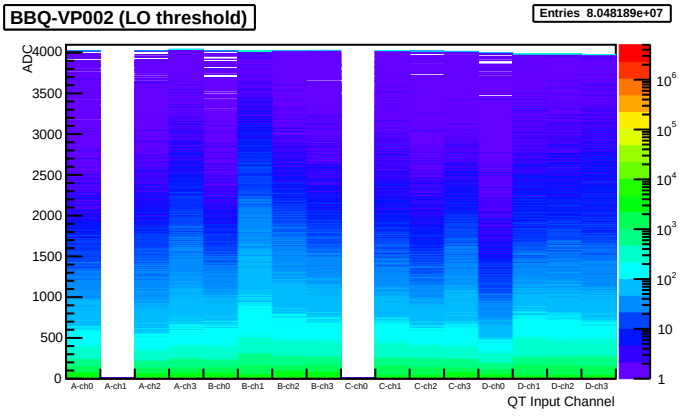

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.048189e+07
TAC
QT Input Channel

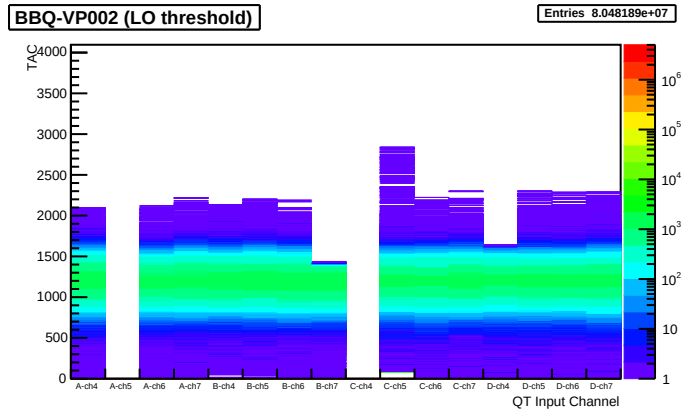

BBQ-ZD001 (ZDC TOWER)
Entries 8.048189e+07
ADC

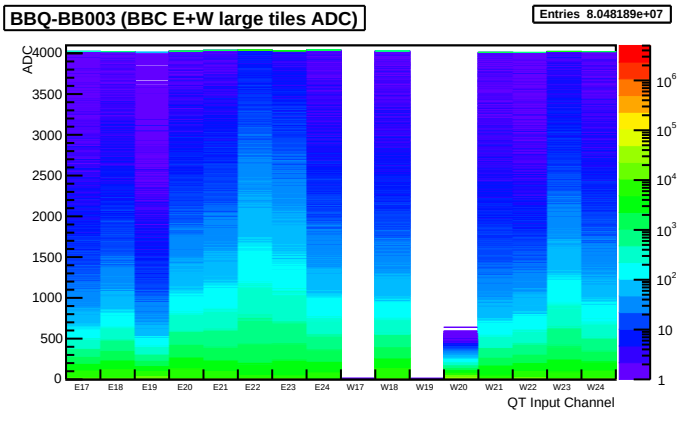

BBQ-ZD001 (ZDC TOWER)
Entries 8.048189e+07
TAC

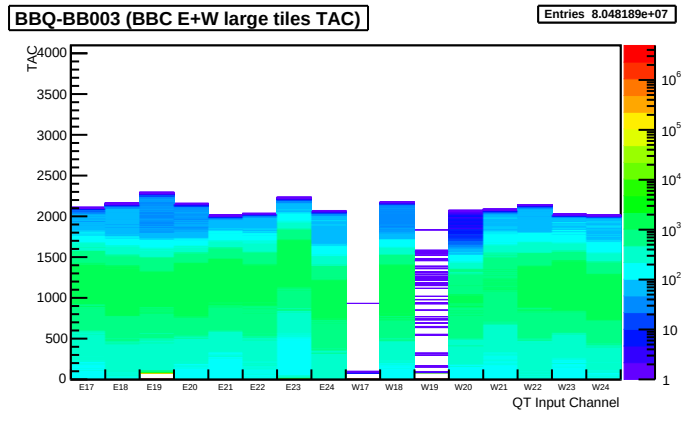

BBQ-VP001 (LO threshold)
Entries 8.048189e+07
ADC
QT Input Channel

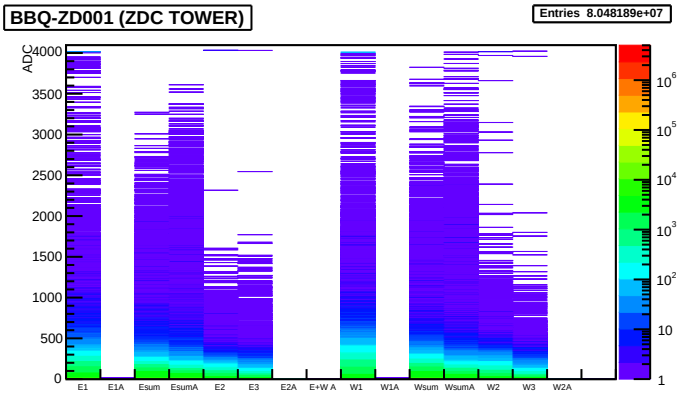

BBQ-VP001 (LO threshold)
Entries 8.048189e+07
TAC
QT Input Channel

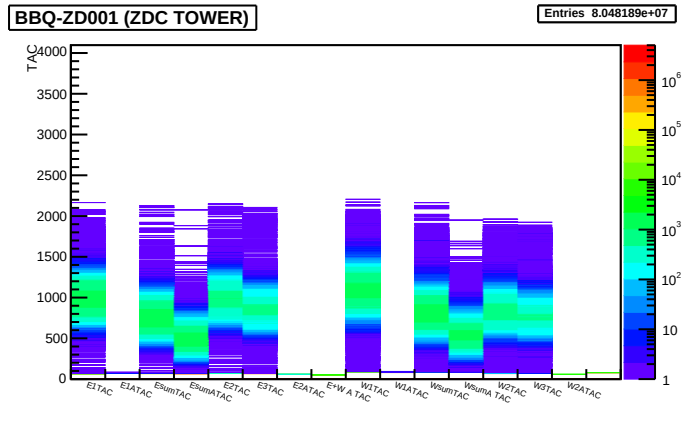

BBQ-VP002 (LO threshold)
Entries 8.048189e+07
ADC
QT Input Channel

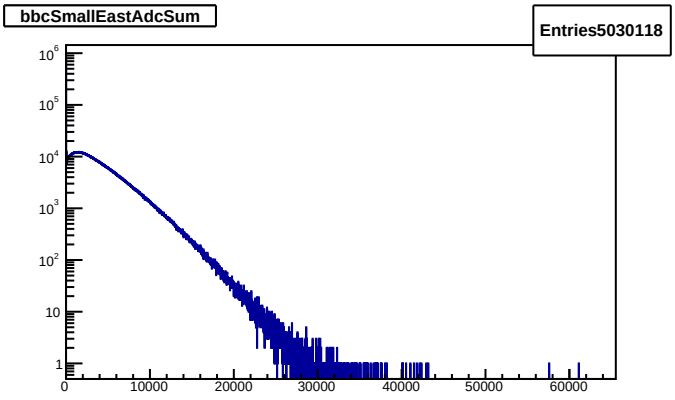

BBQ-VP002 (LO threshold)
Entries 8.048189e+07
TAC
QT Input Channel

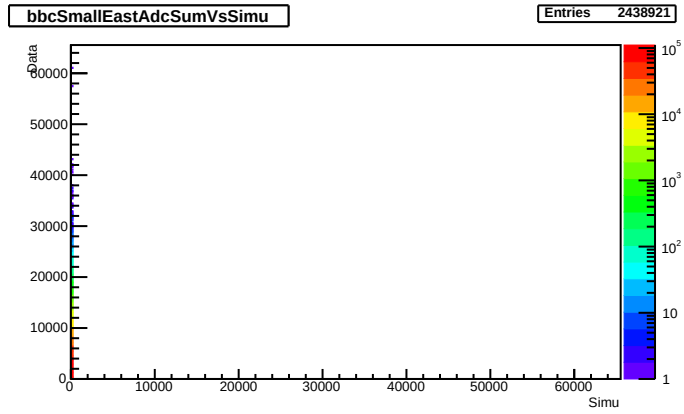

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.048189e+07
ADC
QT Input Channel

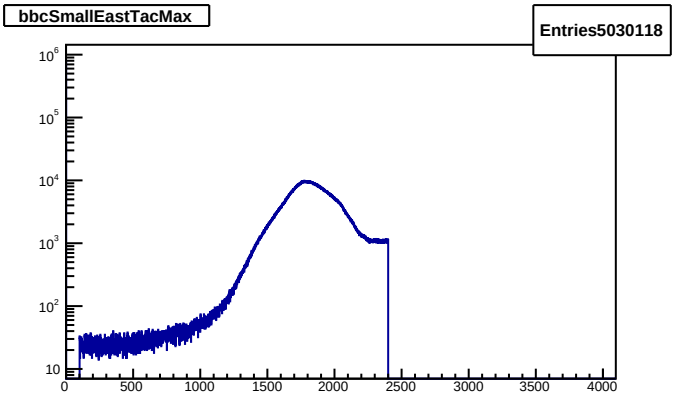

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.048189e+07
TAC
QT Input Channel

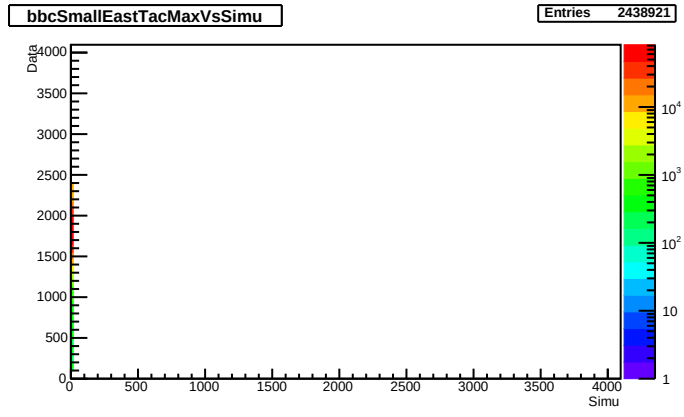

BBQ-ZD001 (ZDC TOWER)
Entries 8.048189e+07
ADC

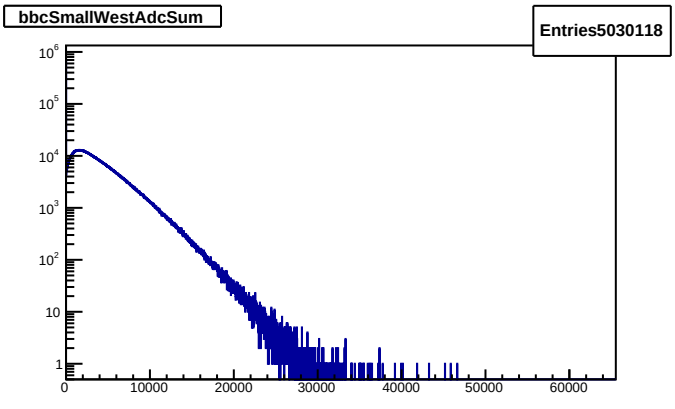

BBQ-ZD001 (ZDC TOWER)
Entries 8.048189e+07
TAC

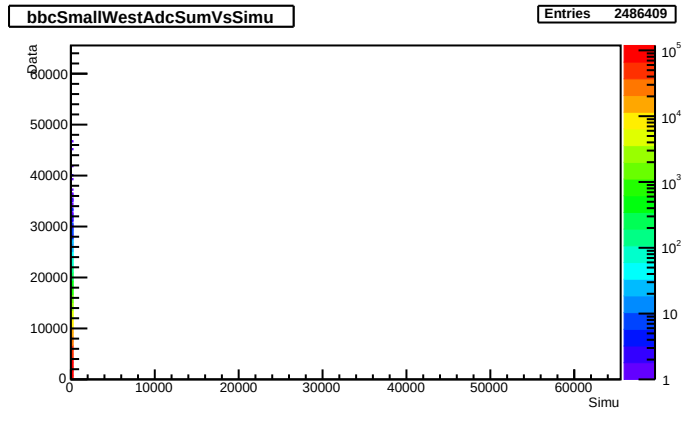

bbcSmallEastAdcSum
Entries5030118

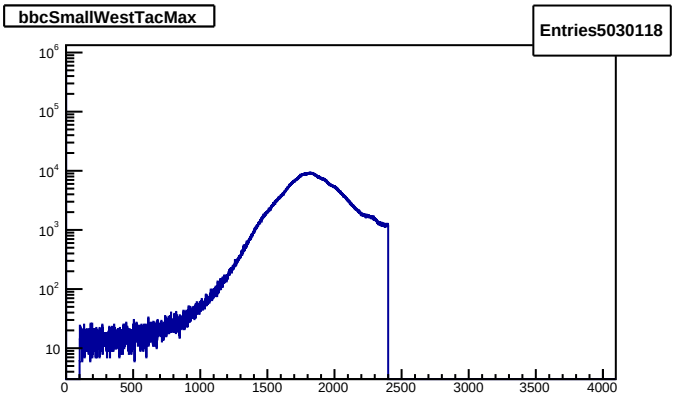

bbcSmallEastAdcSumVsSimu
Entries 2438921
Data
Simu

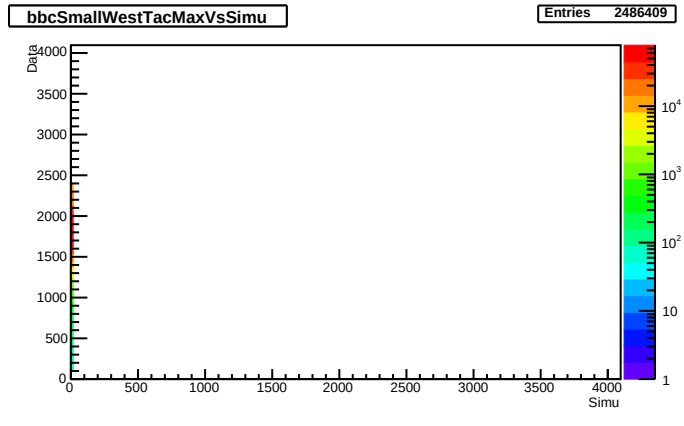

bbcSmallEastTacMax
Entries5030118

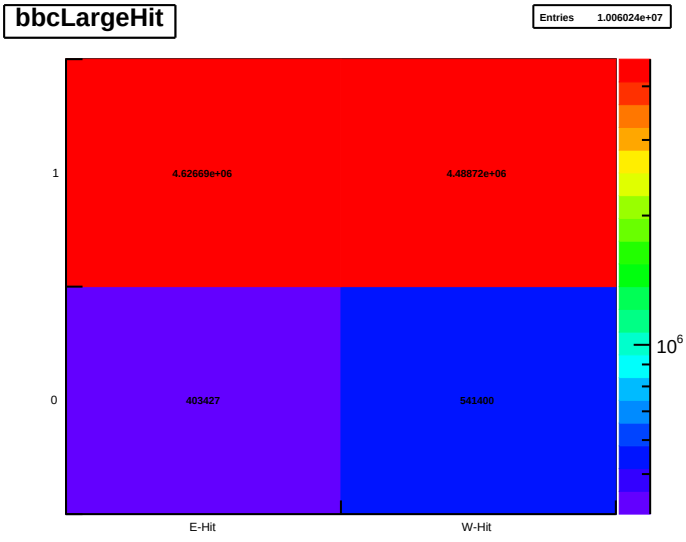

bbcSmallEastTacMaxVsSimu
Entries 2438921
Data
Simu

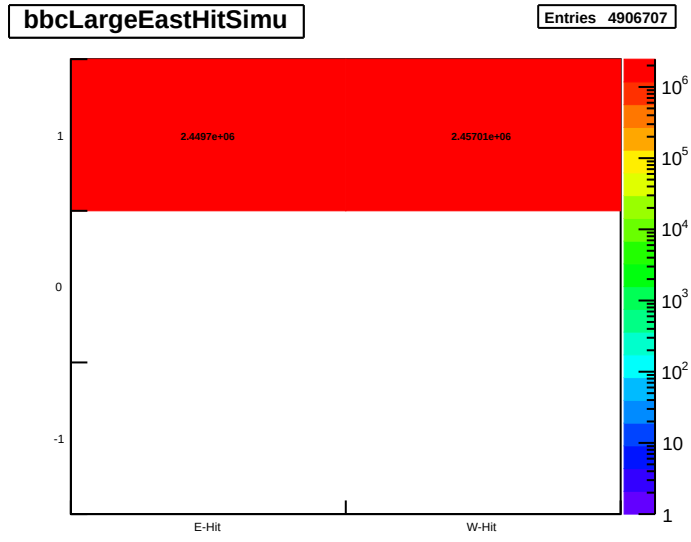

bbcSmallWestAdcSum
Entries5030118

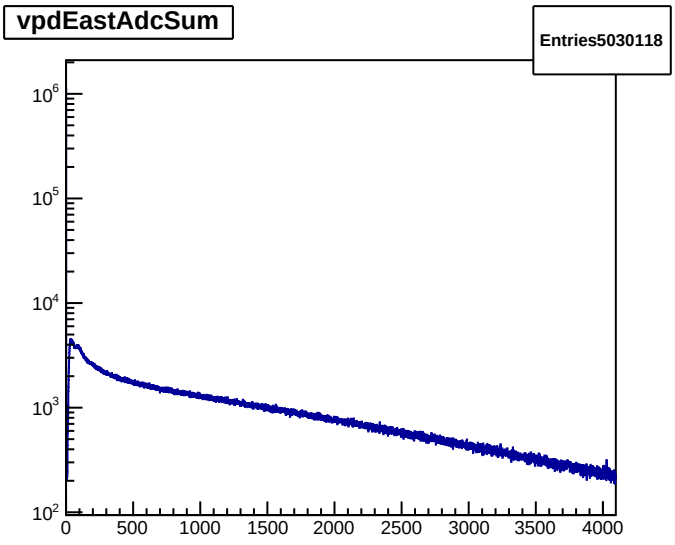

bbcSmallWestAdcSumVsSimu
Entries 2486409
Data
Simu

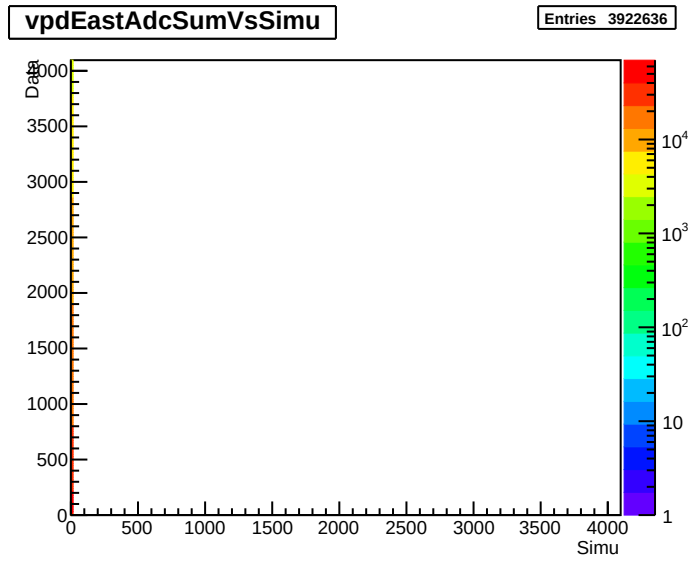

bbcSmallWestTacMax
Entries5030118

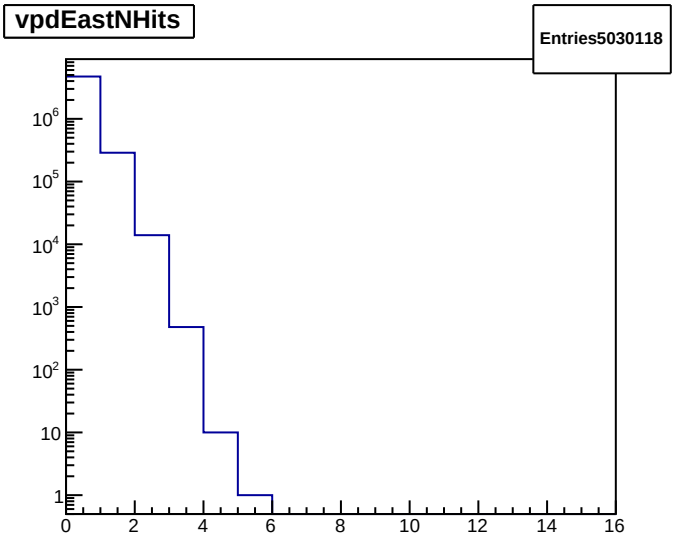

bbcSmallWestTacMaxVsSimu
Entries 2486409
Data
Simu

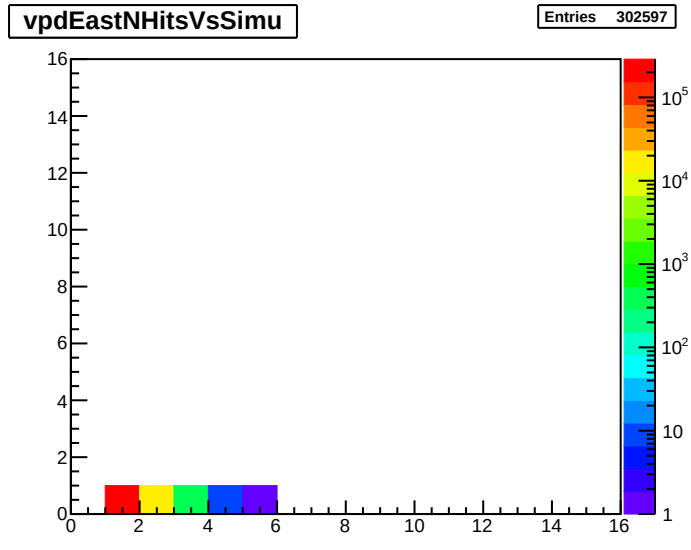

bbcLargeHit
Entries 1.006024e+07
1
0
4.62669e+06
4.48872e+06
403427
541400
E-Hit
W-Hit
10^6

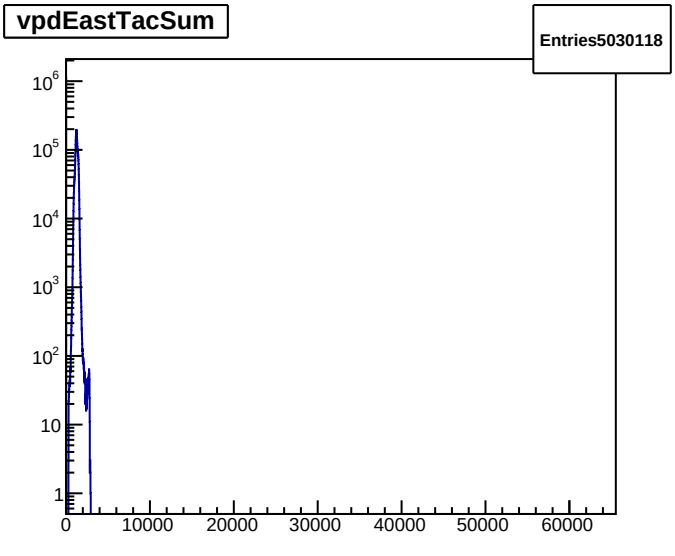

bbcLargeEastHitSimu
Entries 4906707
1
0
-1
2.4497e+06
2.45701e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

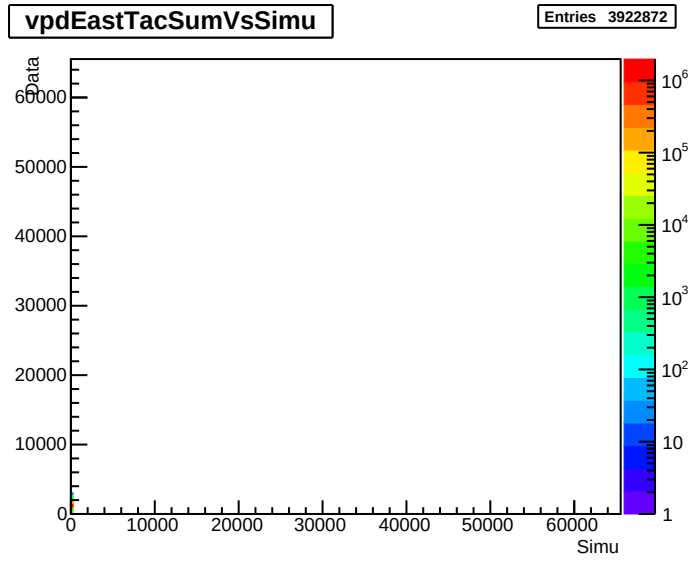

vpdEastAdcSum
Entries5030118

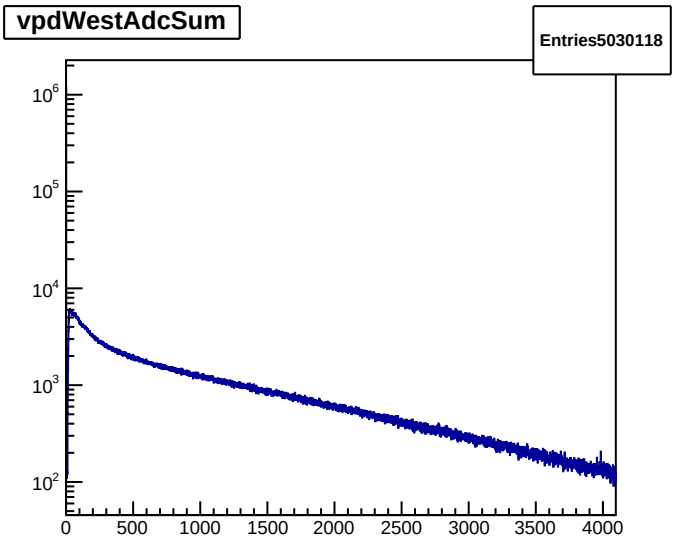

vpdEastAdcSumVsSimu
Entries 3922636
Data
Simu

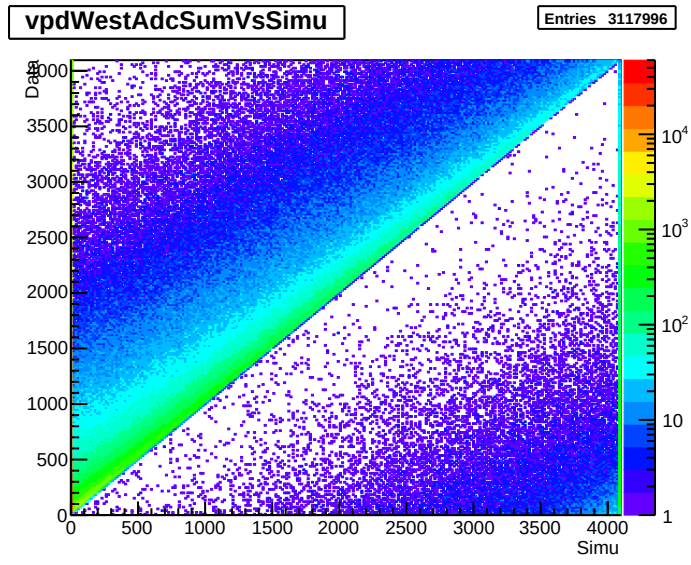

vpdEastNHits
Entries5030118

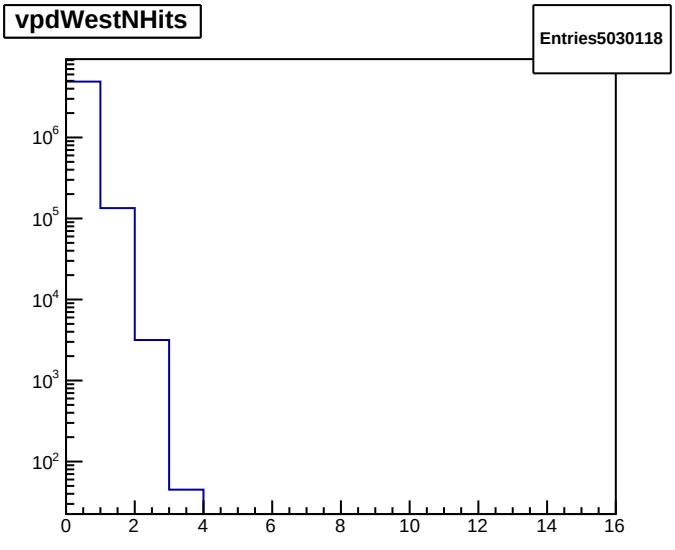

vpdEastNHitsVsSimu
Entries 302597

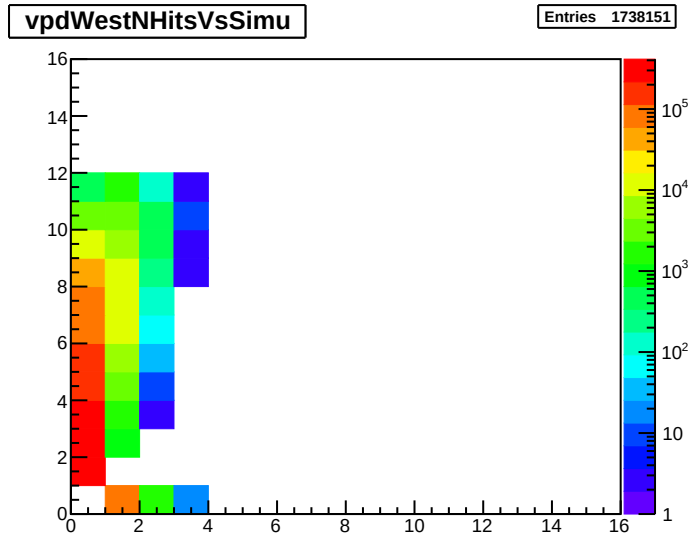

vpdEastTacSum
Entries5030118

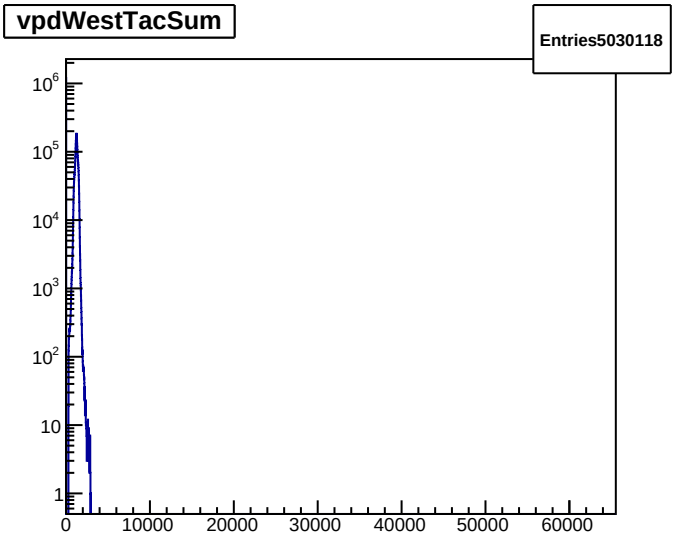

vpdEastTacSumVsSimu
Entries 3922872
Data
Simu

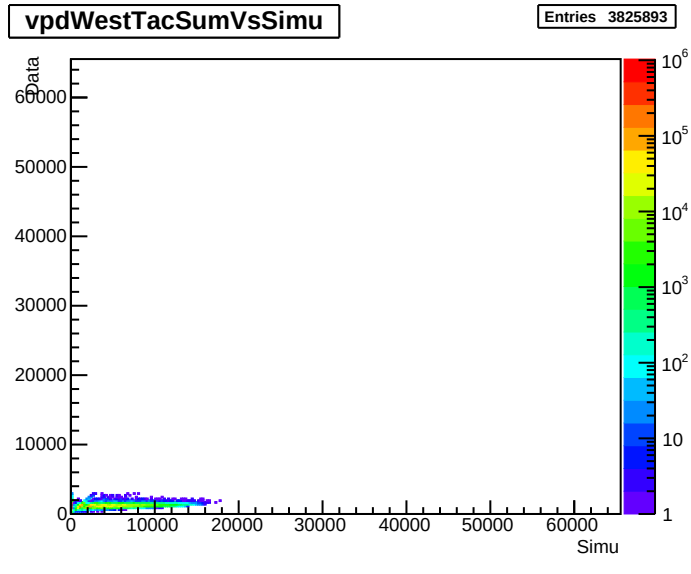

vpdWestAdcSum
Entries5030118

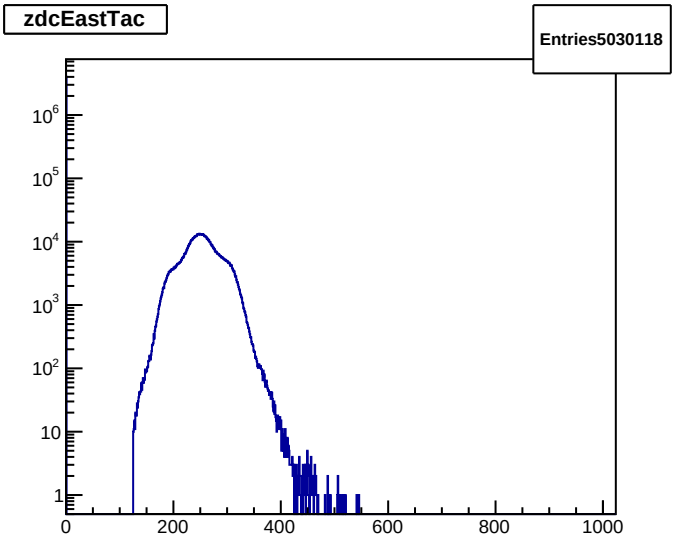

vpdWestAdcSumVsSimu
Entries 3117996
Data
Simu

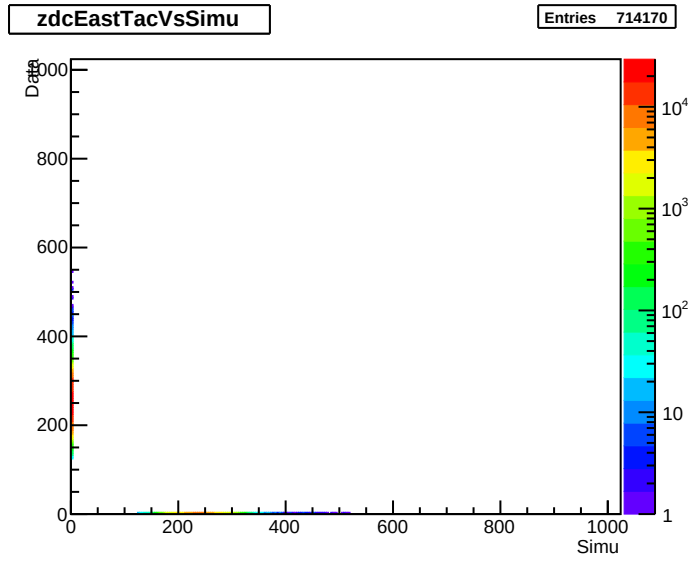

vpdWestNHits
Entries5030118

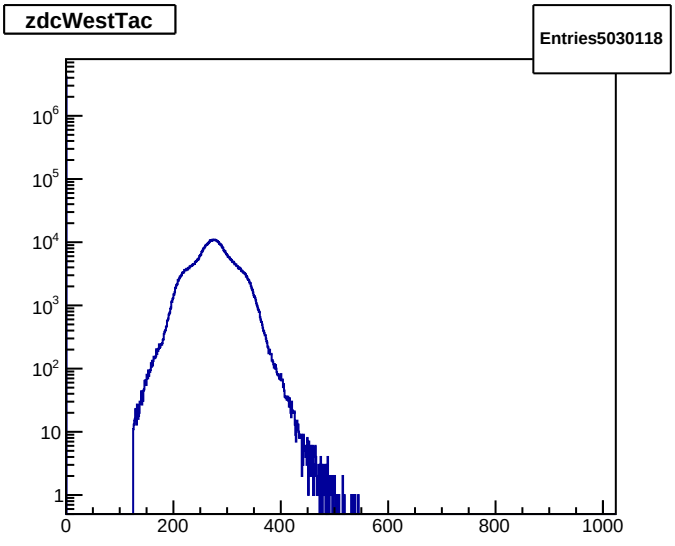

vpdWestNHitsVsSimu
Entries 1738151

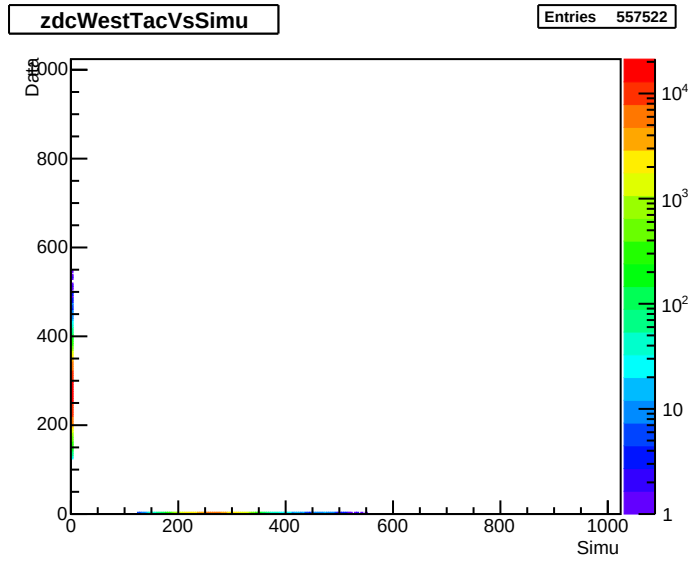

vpdWestTacSum
Entries5030118

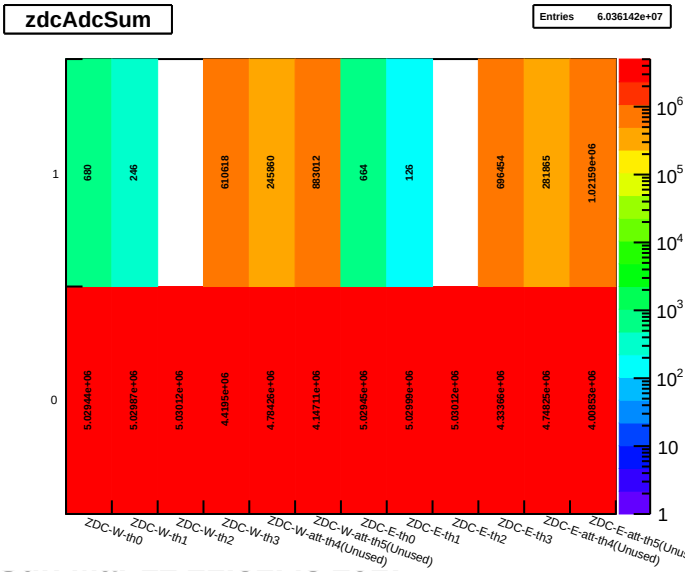

vpdWestTacSumVsSimu
Entries 3825893
Data
Simu

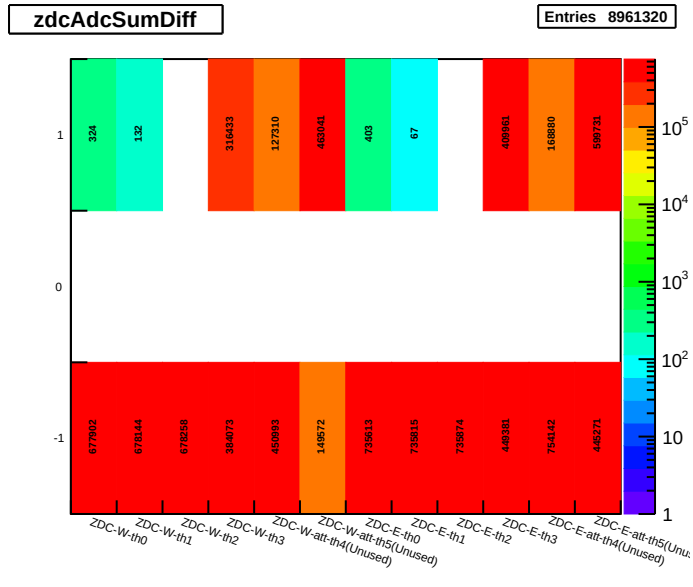

zdcEastTac
Entries5030118

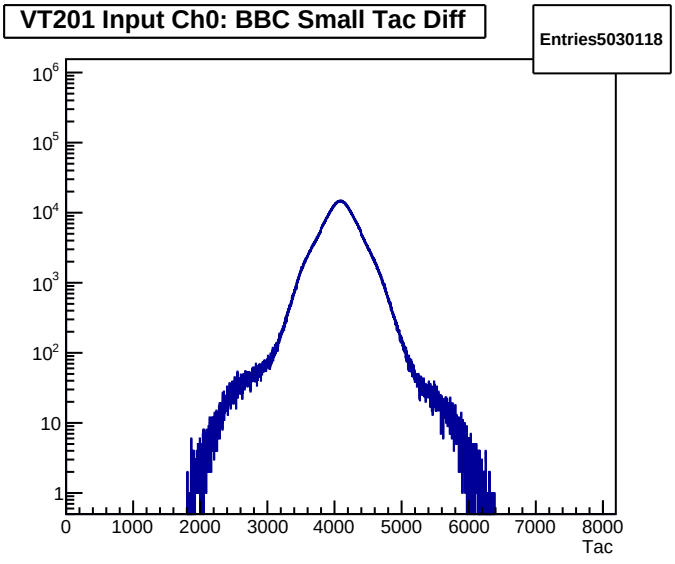

zdcEastTacVsSimu
Entries 714170
Data
Simu

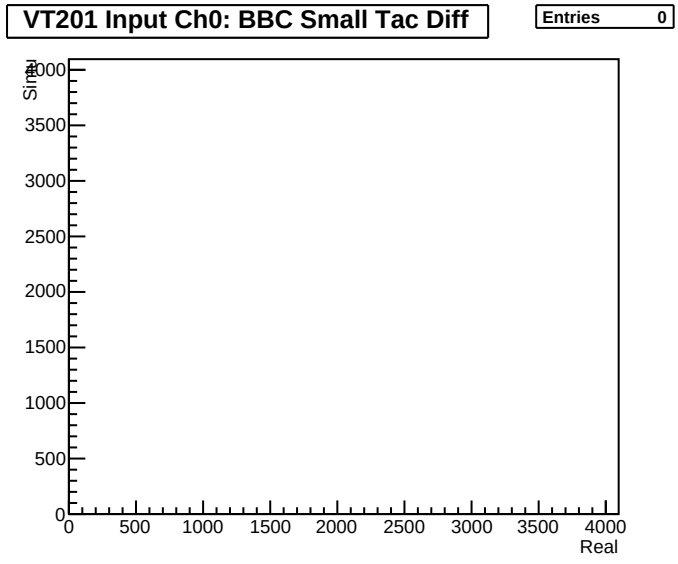

zdcWestTac
Entries5030118

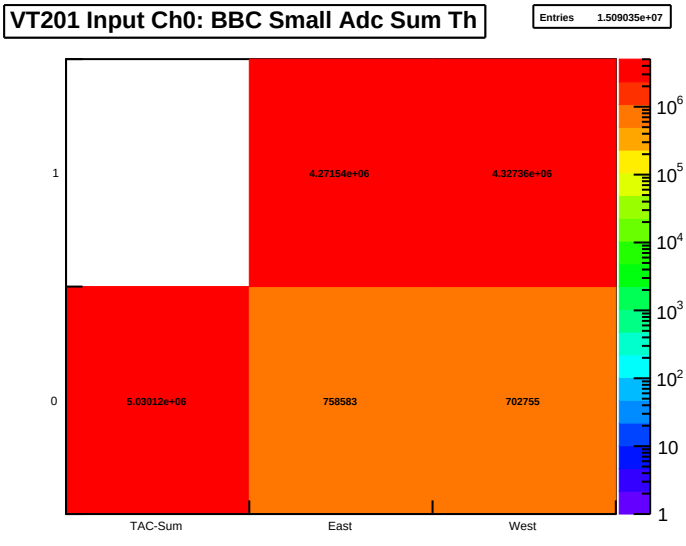

zdcWestTacVsSimu
Entries 557522
Data
Simu

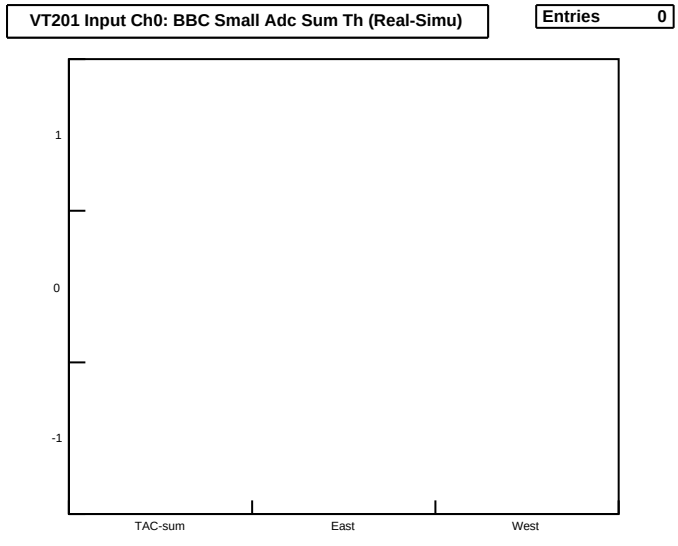

zdcAdcSum
Entries 6.036142e+07
680
246
610618
245860
883012
664
126
696454
281865
1.02159e+06
5.02944e+06
5.02987e+05
5.03012e+06
4.4195e+06
4.78426e+06
4.14711e+06
5.02945e+06
5.02998e+06
5.03012e+05
4.33366e+06
4.74825e+06
4.00853e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

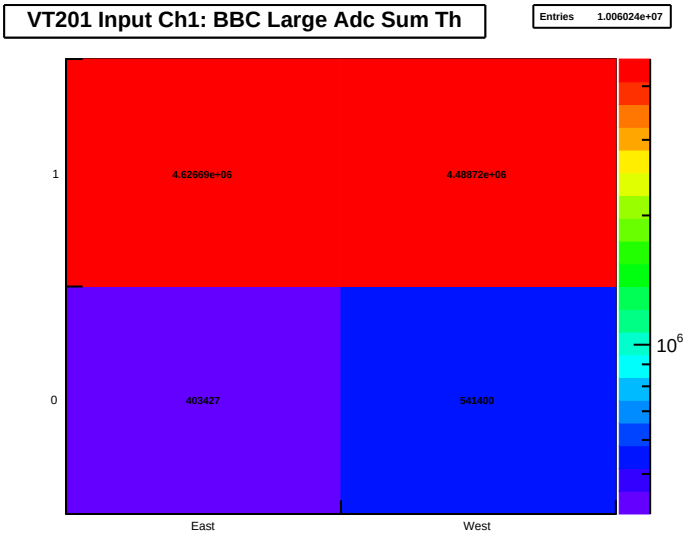

zdcAdcSumDiff
Entries 8961320
324
132
316433
127310
463041
403
67
409961
168880
599731
679902
678144
678258
384073
450993
149572
735613
735815
738974
449361
754142
445271
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

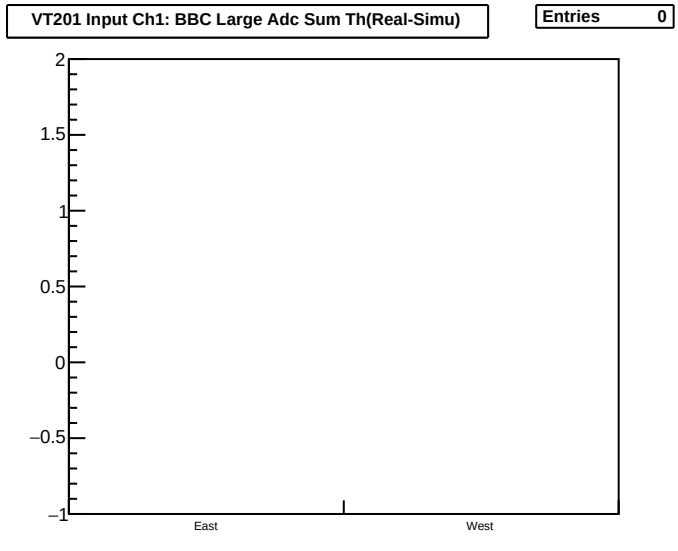

VT201 Input Ch0: BBC Small Tac Diff
Entries5030118
Tac


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

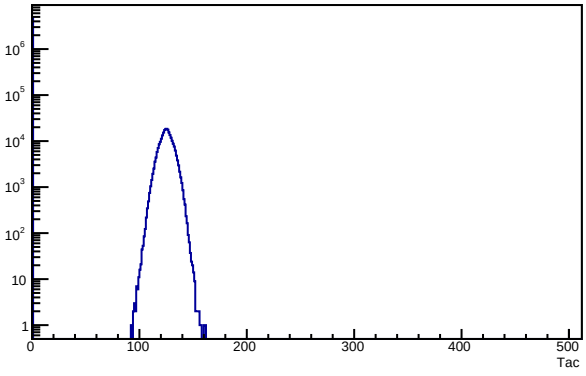

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.509035e+07
4.27154e+06
4.32736e+06
5.03012e+06
758583
702755
TAC-Sum
East
West


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

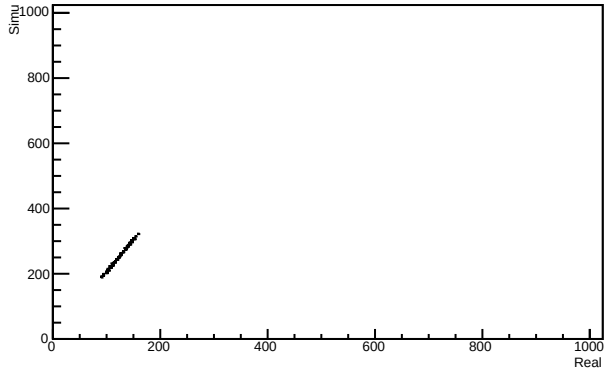

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.006024e+07
4.62669e+06
4.48872e+06
403427
541400
East
West


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

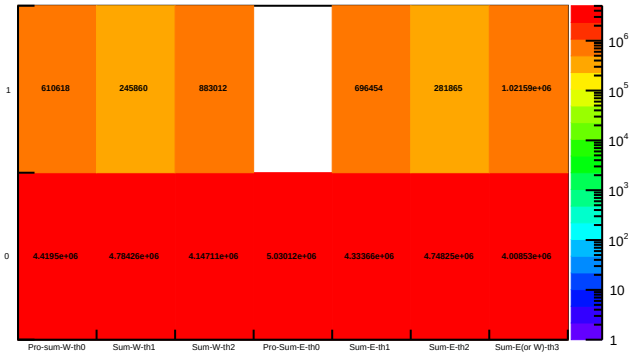
VT201 Input Ch2: ZDC Tac Diff



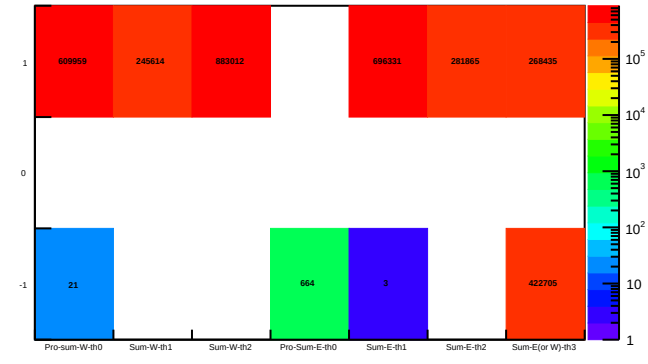
VT201 Input Ch2: ZDC Tac Diff



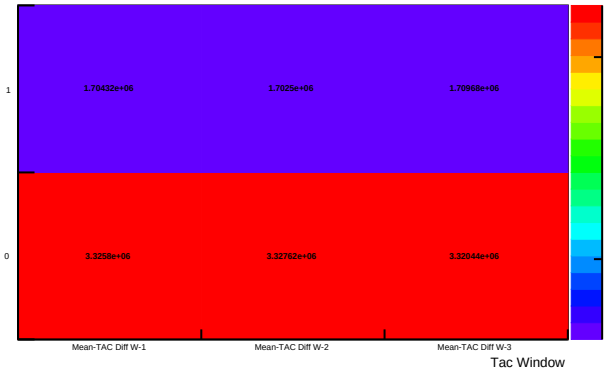
VT201 Input Ch2: ZDC Adc Sum Th



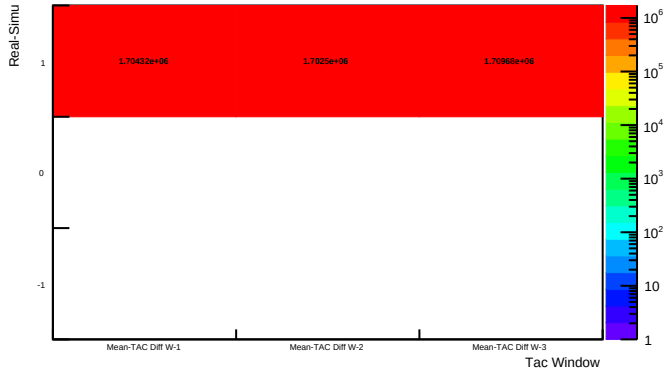
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



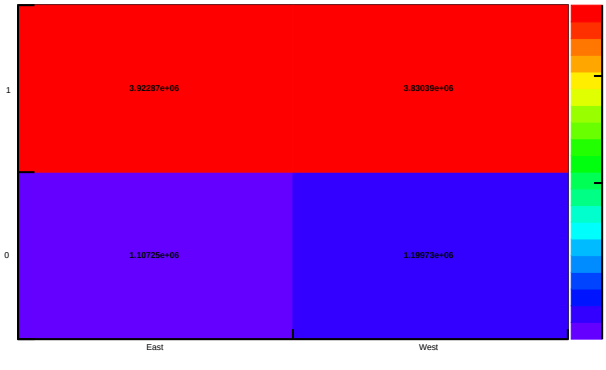
VT201 Input Ch4: VPD Tac Diff



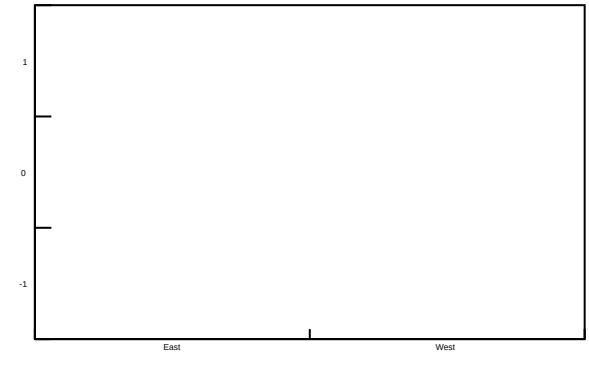
VT201 Input Ch4: VPD Tac Diff

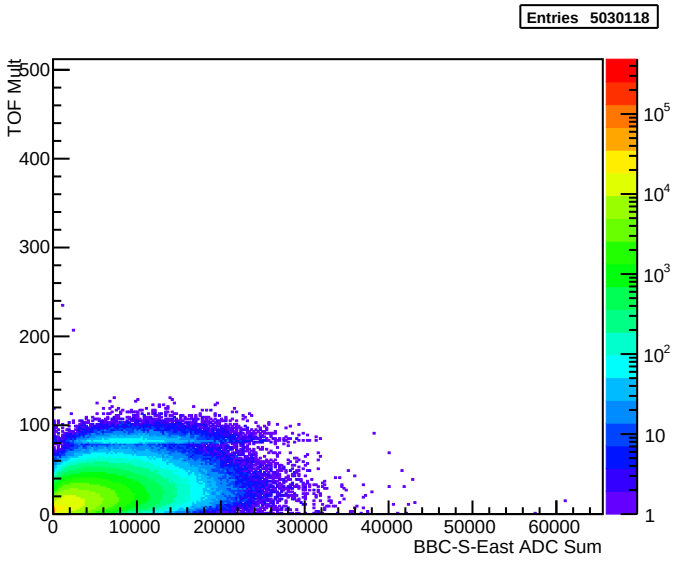


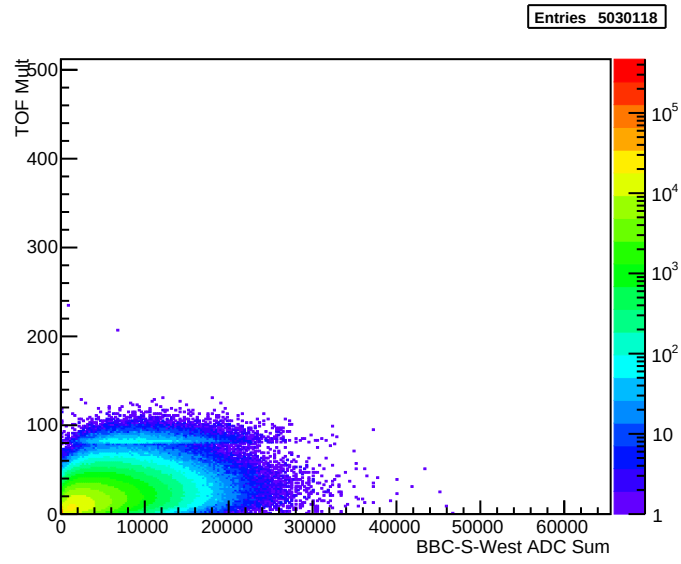
VT201 Input Ch4: VPD Adc Sum Th

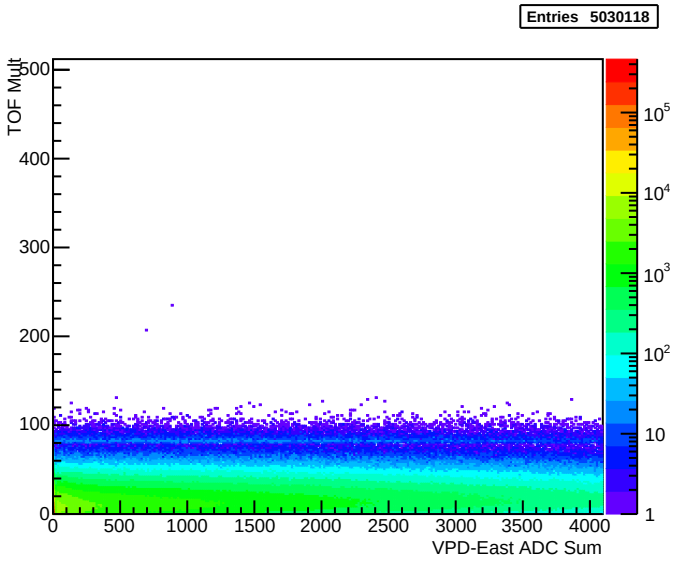


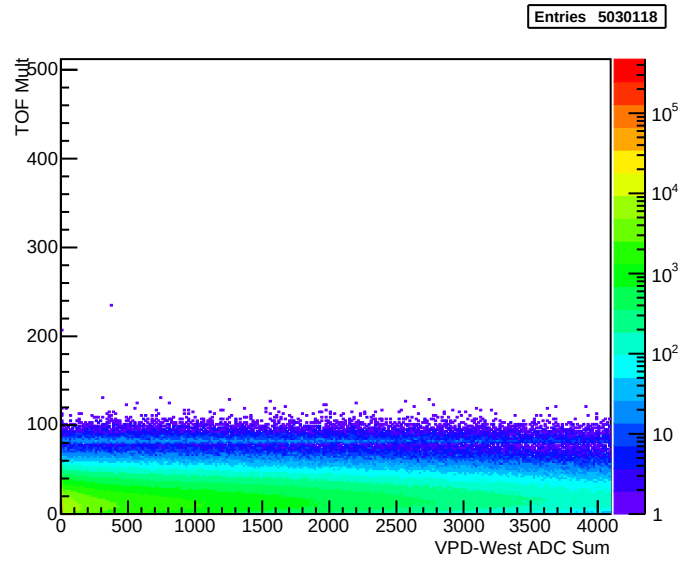
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

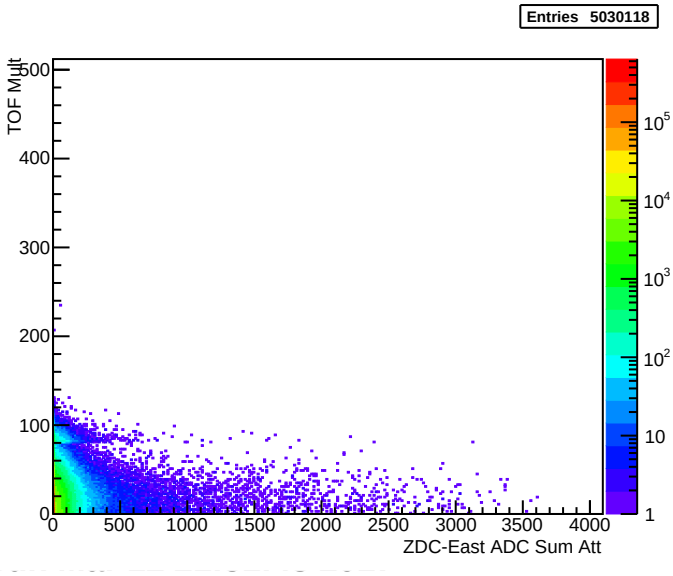


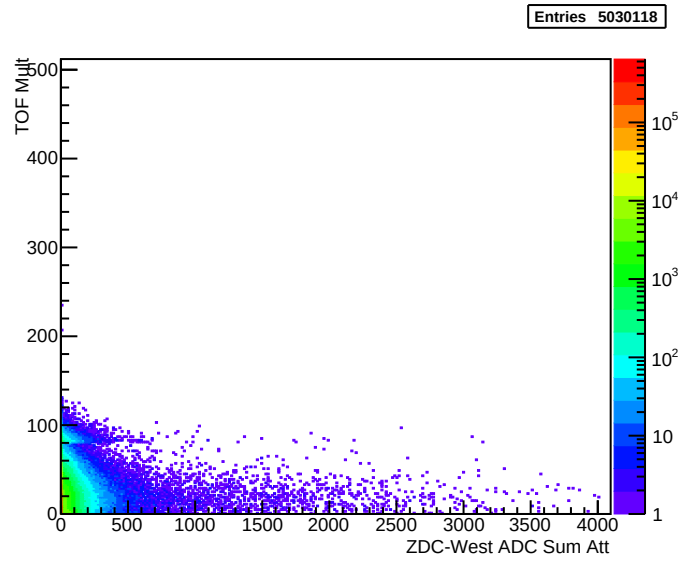

Entries 5030118
TOF Mult
BBC-S-East ADC Sum

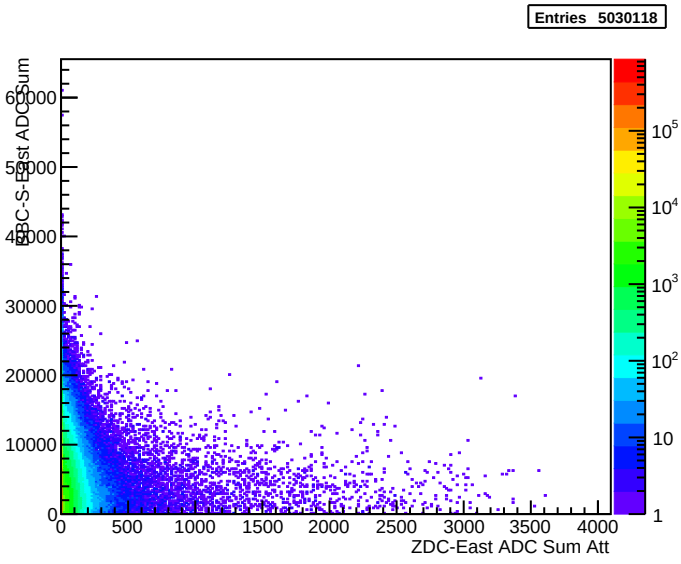

Entries 5030118
TOF Mult
BBC-S-West ADC Sum

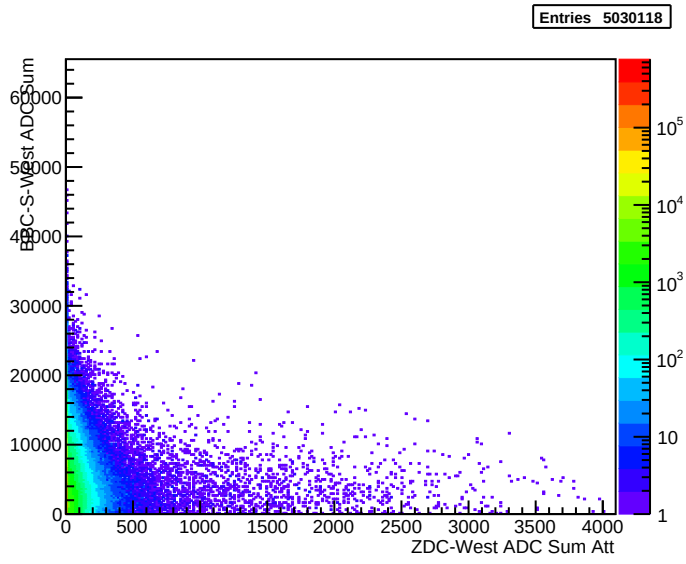

Entries 5030118
TOF Mult
VPD-East ADC Sum

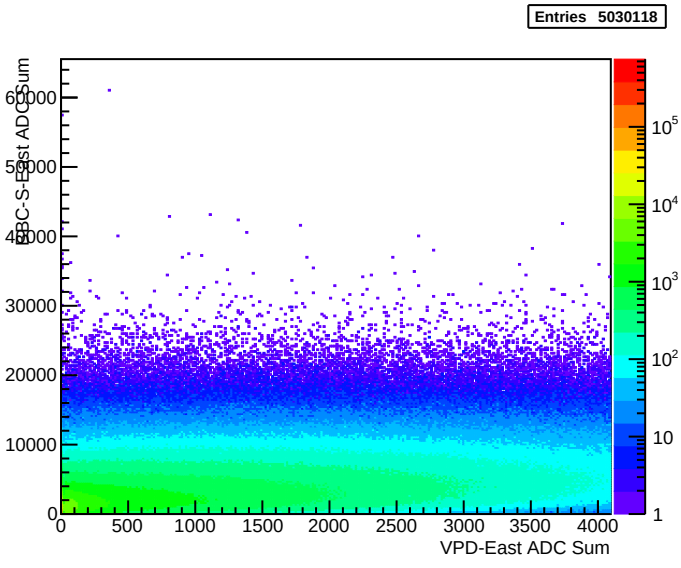

Entries 5030118
TOF Mult
VPD-West ADC Sum

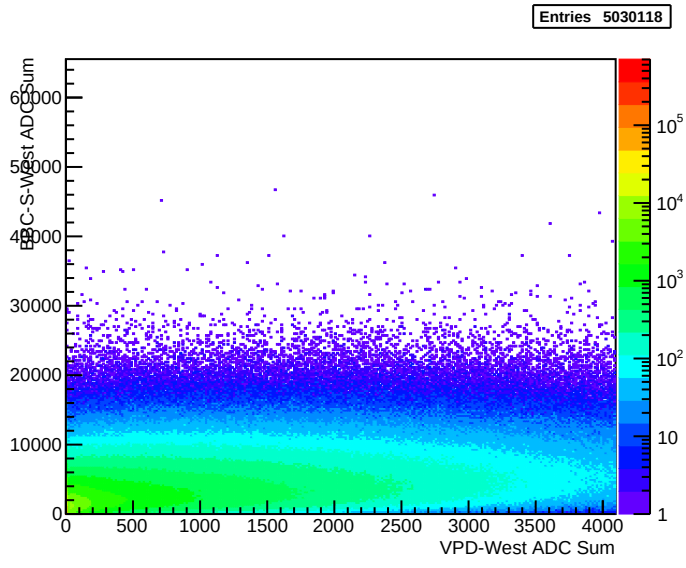

Entries 5030118
TOF Mult
ZDC-East ADC Sum Att

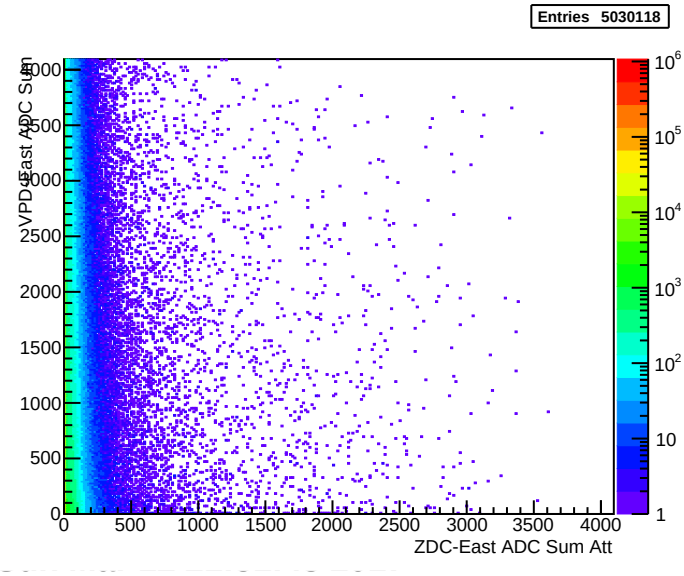

Entries 5030118
TOF Mult
ZDC-West ADC Sum Att

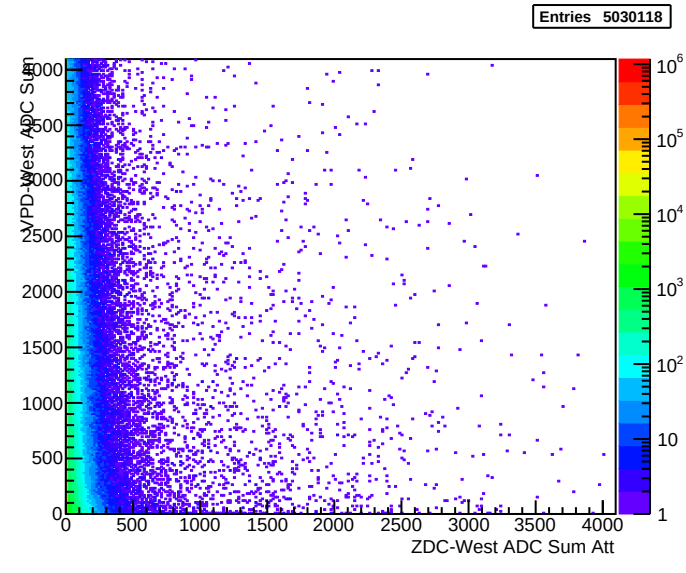

Entries 5030118
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

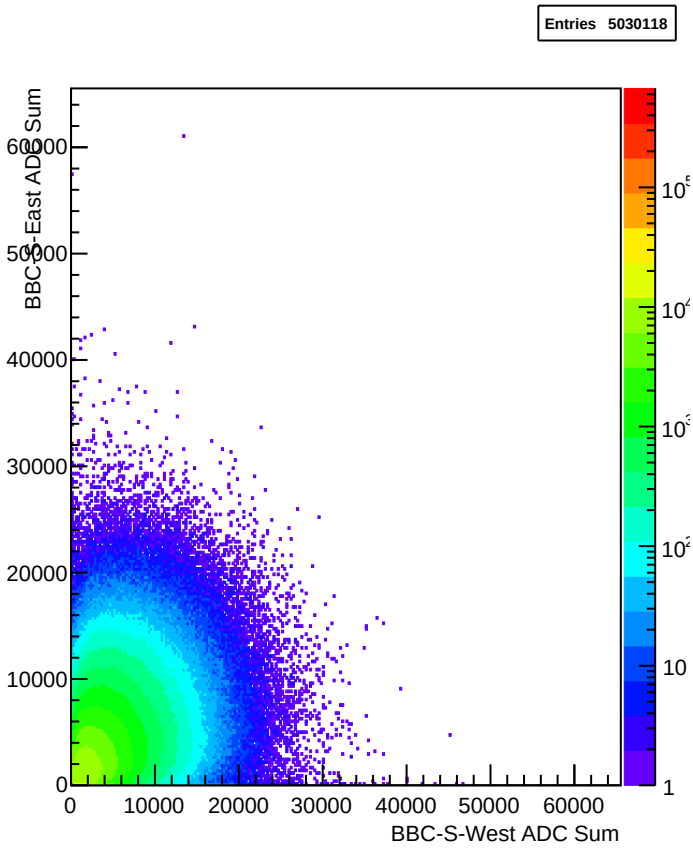

Entries 5030118
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

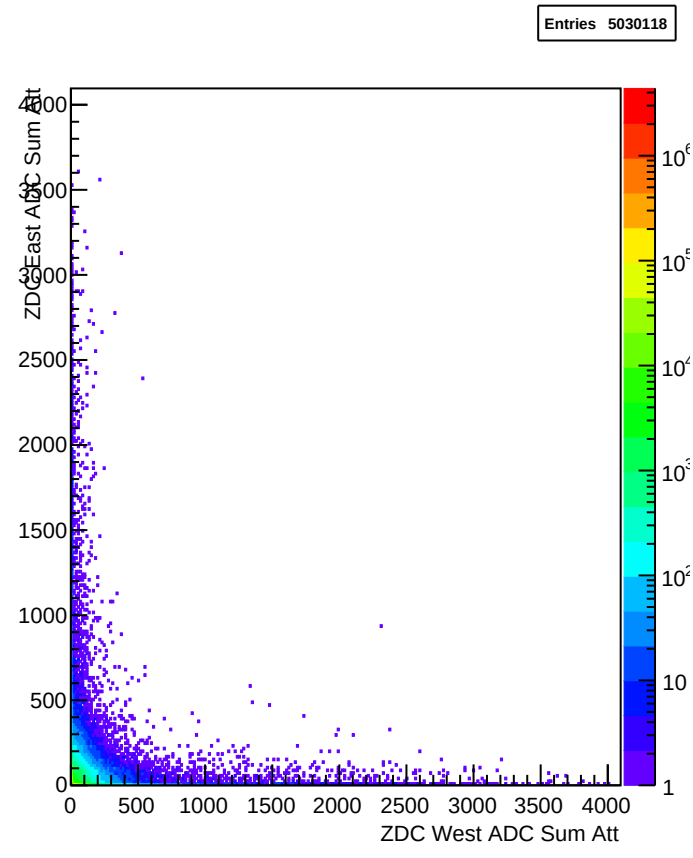

Entries 5030118
BBC-S-East ADC Sum
VPD-East ADC Sum

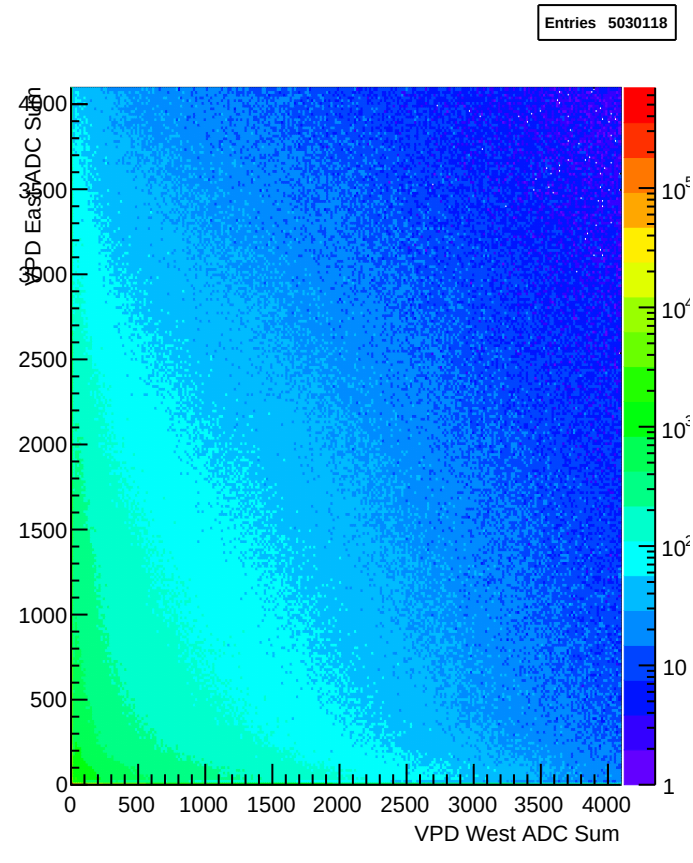

Entries 5030118
BBC-S-West ADC Sum
VPD-West ADC Sum

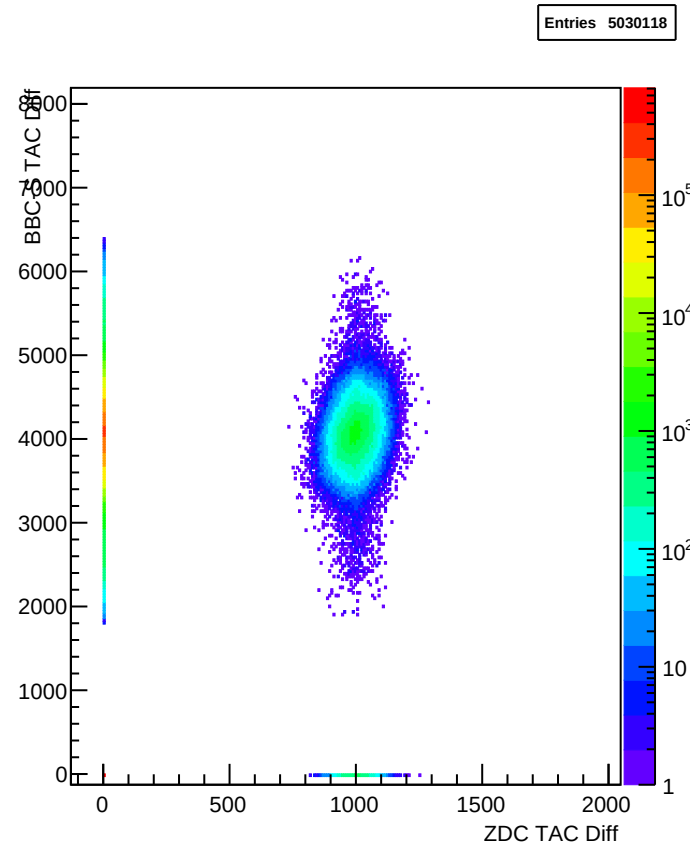

Entries 5030118
VPD-East ADC Sum
ZDC-East ADC Sum Att

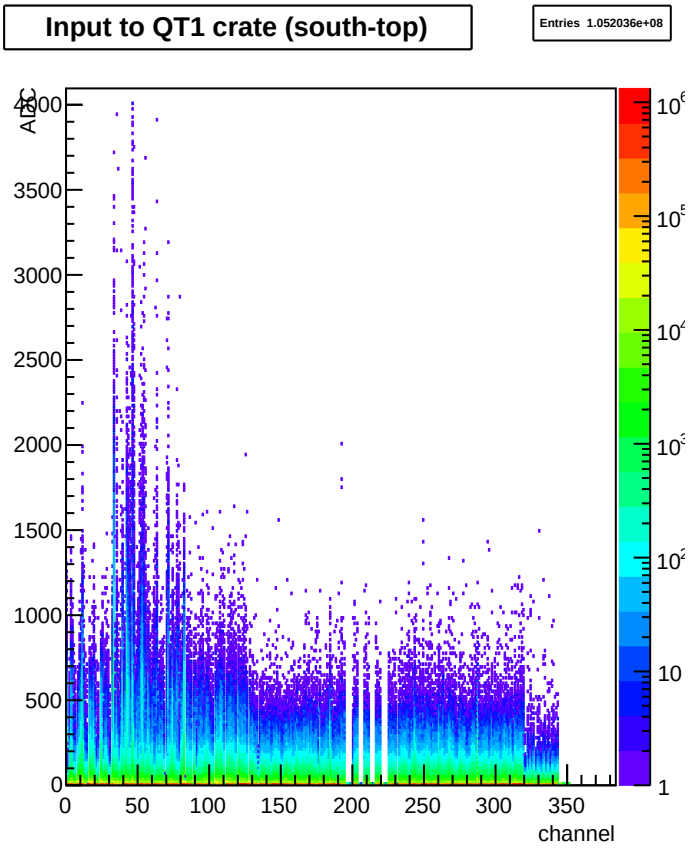

Entries 5030118
VPD-West ADC Sum
ZDC-West ADC Sum Att

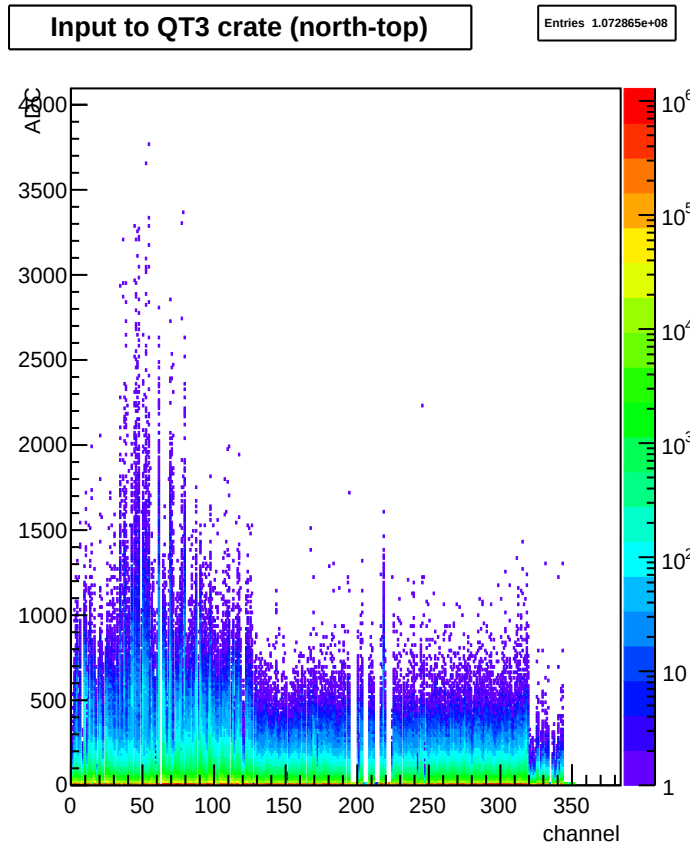

Entries 5030118
BBC-S-East ADC Sum
BBC-S-West ADC Sum

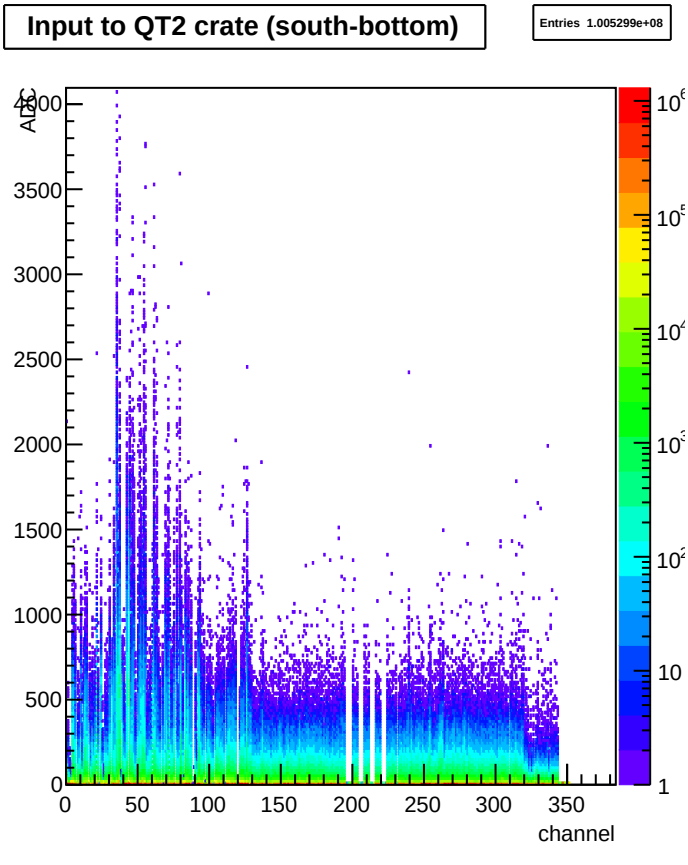

Entries 5030118
ZDC East ADC Sum Att
ZDC West ADC Sum Att

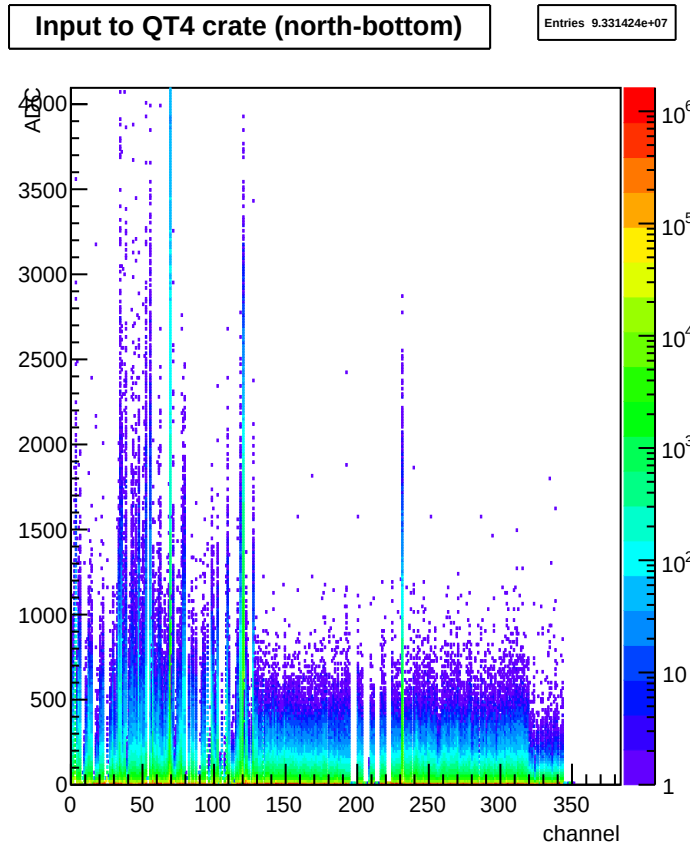

Entries 5030118
VPD East ADC Sum
VPD West ADC Sum

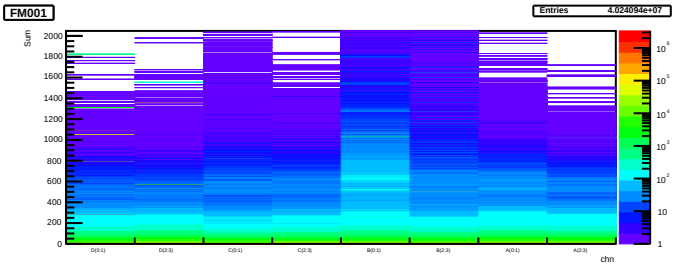

Entries 5030118
BBC-S TAC Diff
ZDC TAC Diff

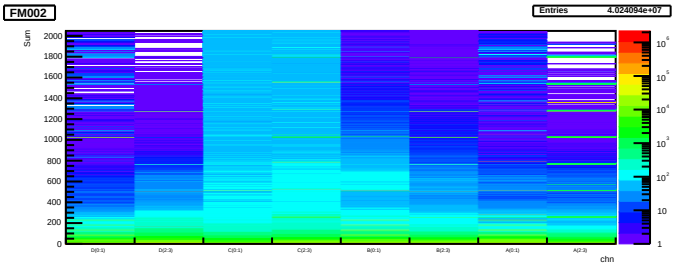

Input to QT1 crate (south-top)
Entries 1.052036e+08
ADC
channel

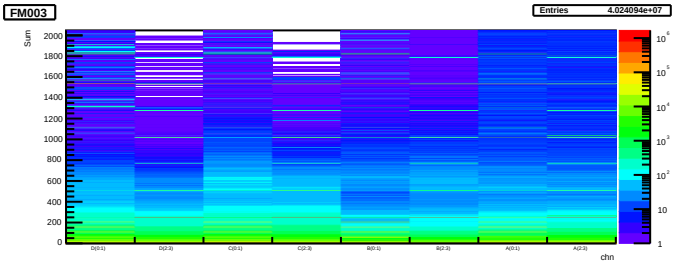

Input to QT3 crate (north-top)
Entries 1.072865e+08
ADC
channel

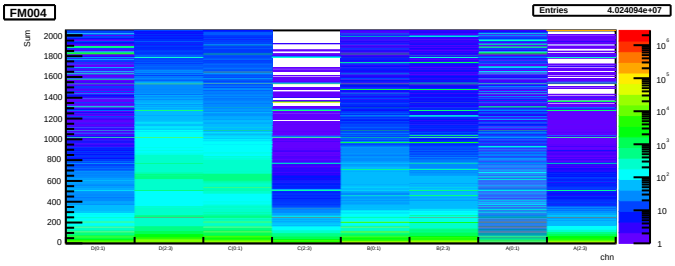

Input to QT2 crate (south-bottom)
Entries 1.005299e+08
ADC
channel

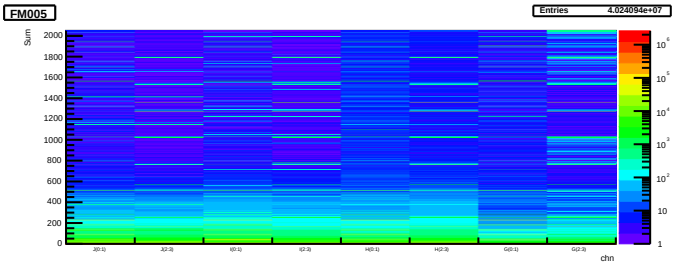

Input to QT4 crate (north-bottom)
Entries 9.331424e+07
ADC
channel

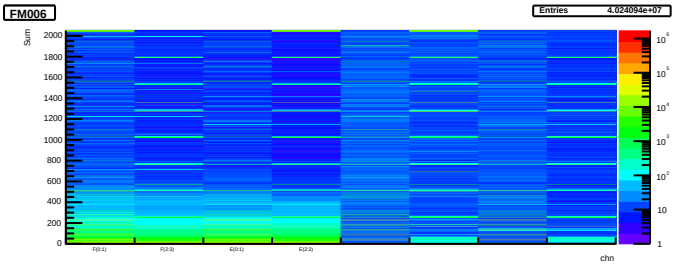

FM001
Entries 4.024094e+07
Sum
chn


FM002
Entries 4.024094e+07
Sum
chn


FM003
Entries 4.024094e+07
Sum
chn


FM004
Entries 4.024094e+07
Sum
chn


FM005
Entries 4.024094e+07
Sum
chn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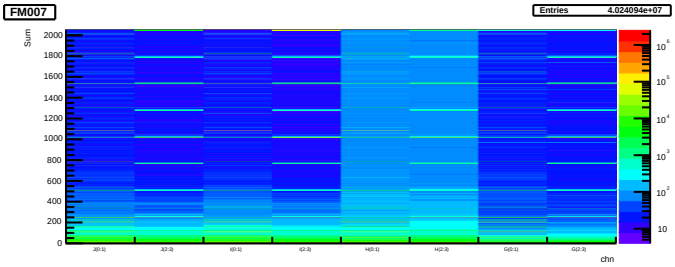
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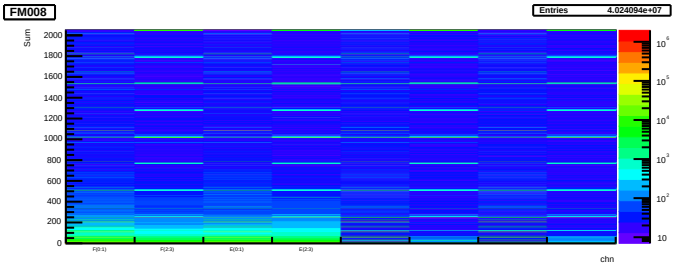
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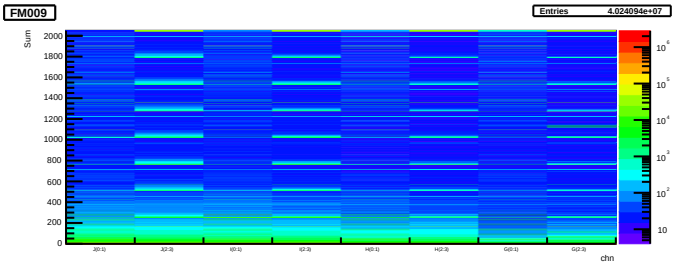
FM009
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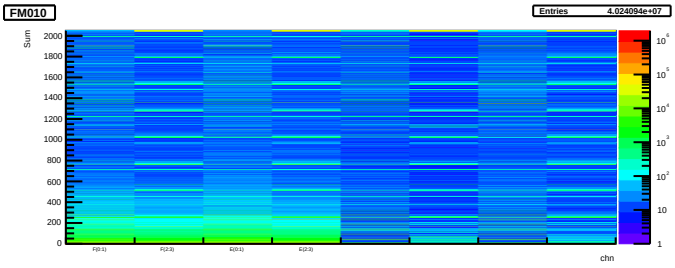
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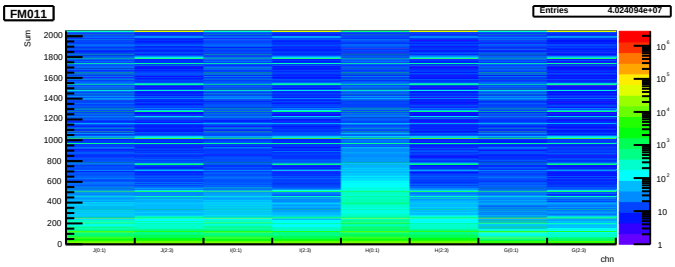
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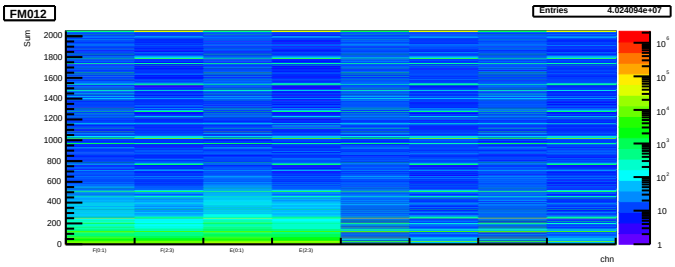
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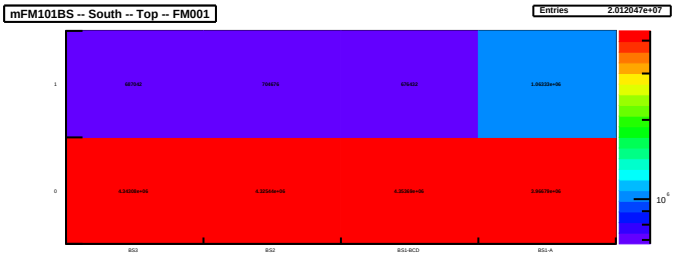
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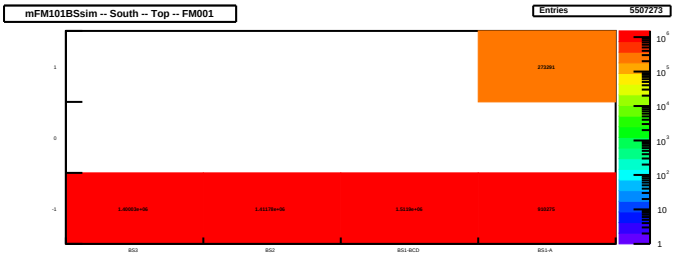
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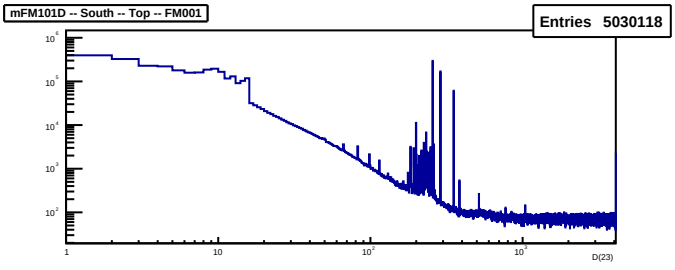
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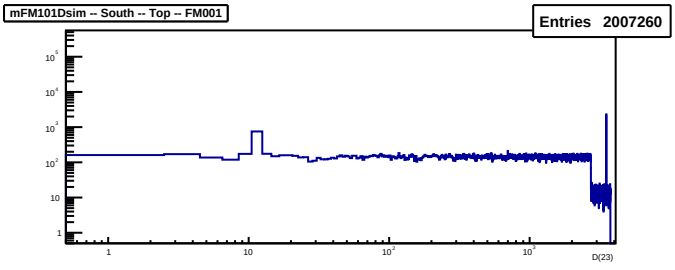
Entries 5030118
D(23)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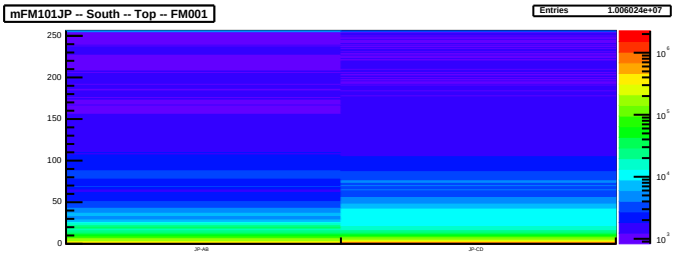
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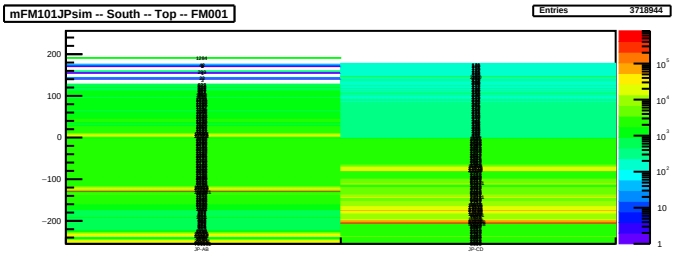
Entries 1.006024e+07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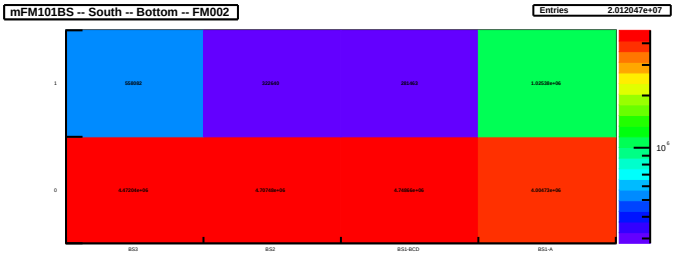
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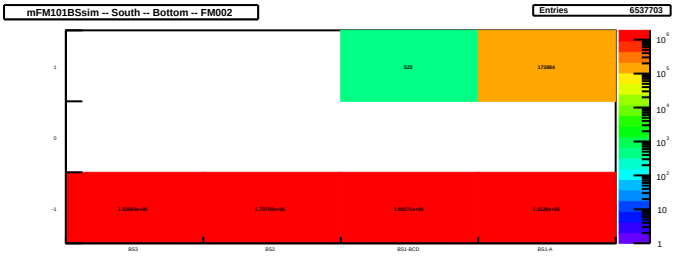
Entries 2.012047e+07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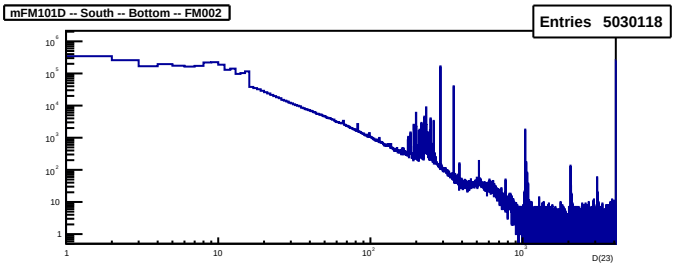
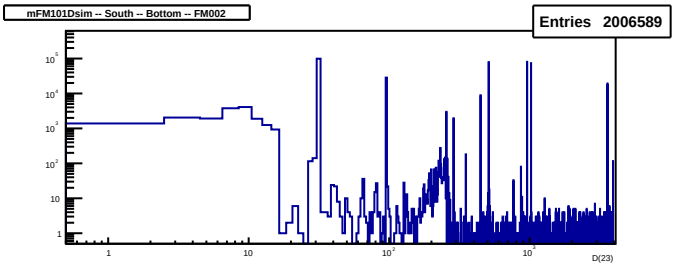

mFM101D -- South -- Bottom -- FM002
Entries 5030118
D(23)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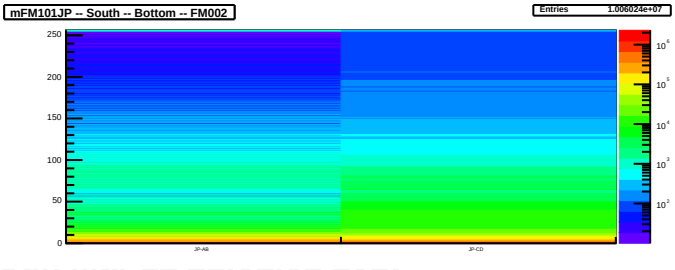
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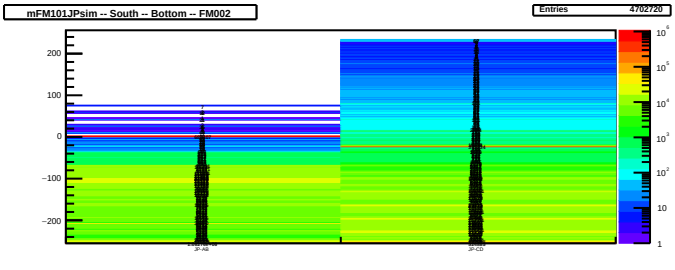
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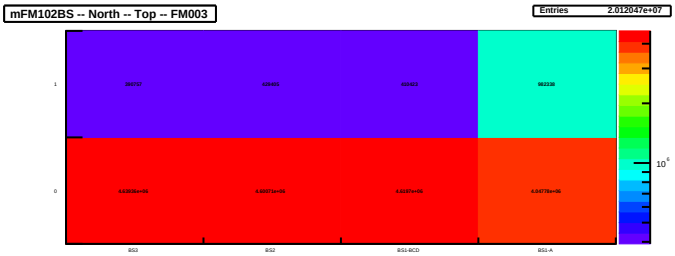
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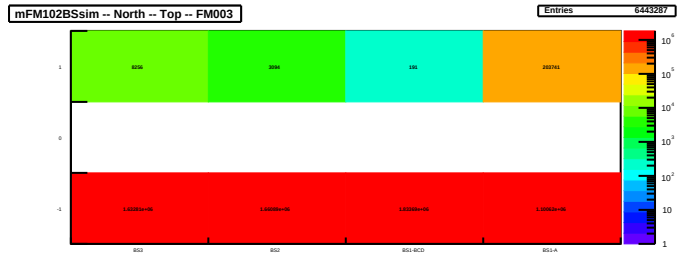
Entries 2.012047e+07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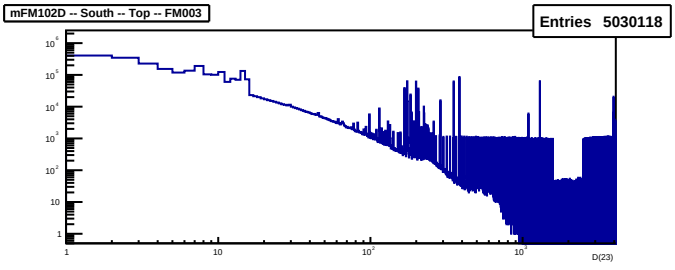
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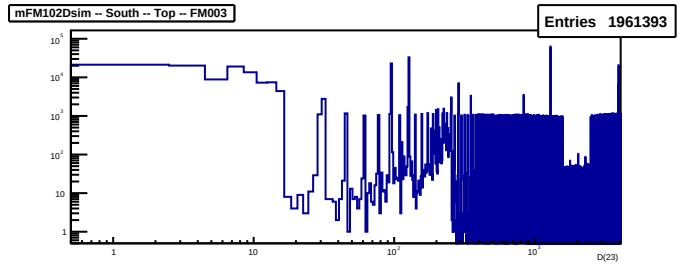
Entries 5030118
D(23)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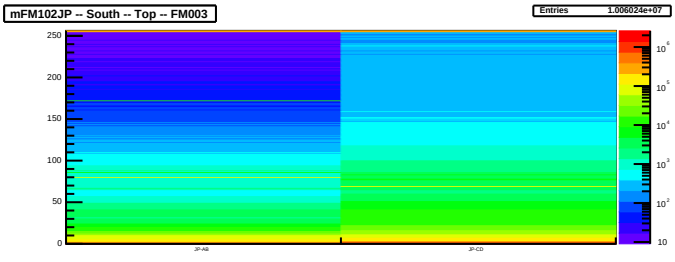
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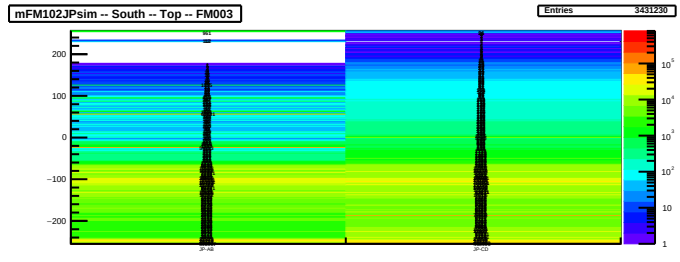
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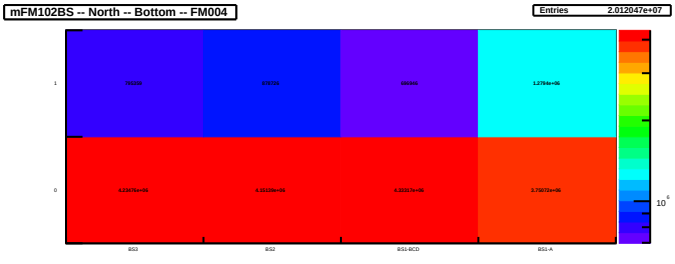
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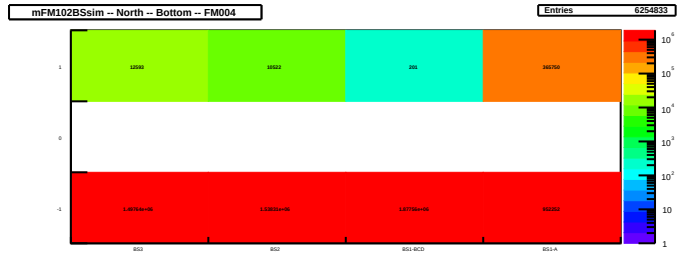
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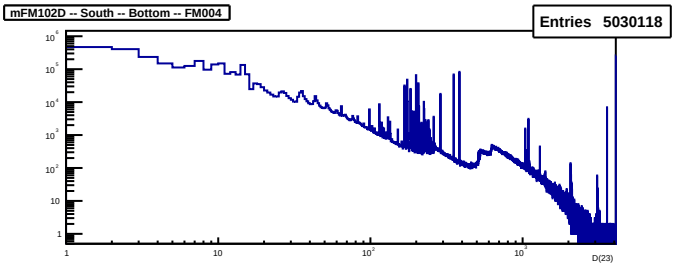
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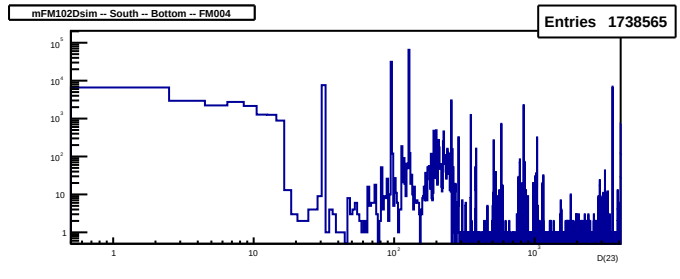
D(23)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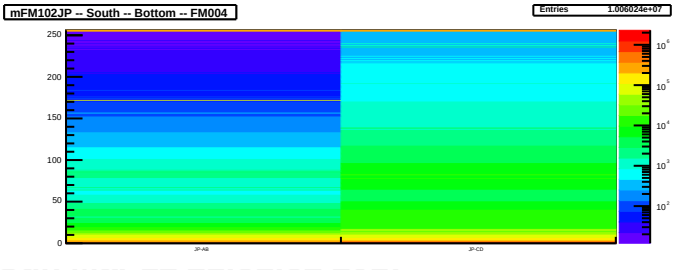
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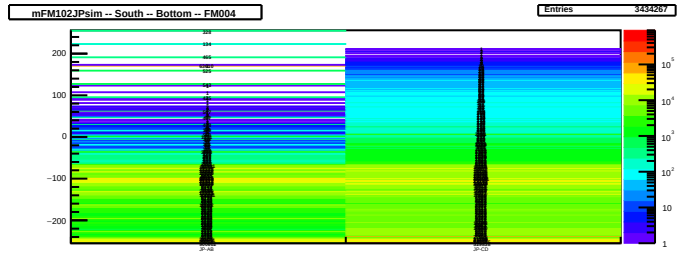
Entries 1.006024e+07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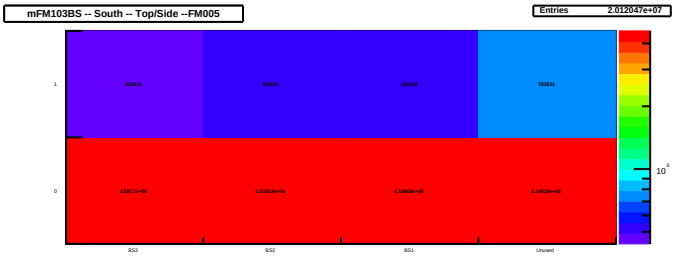
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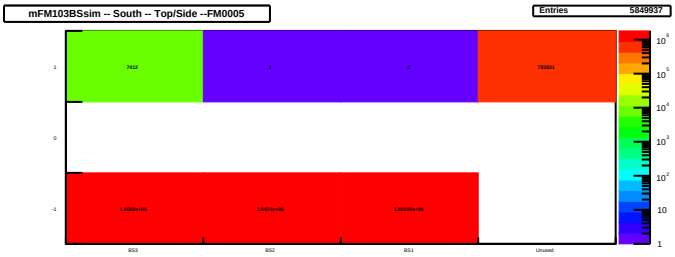
Entries 2.012047e+07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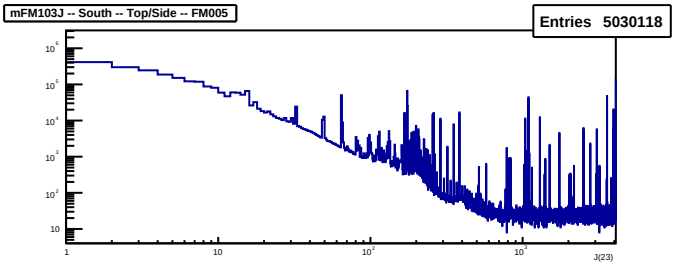
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Entries 5030118
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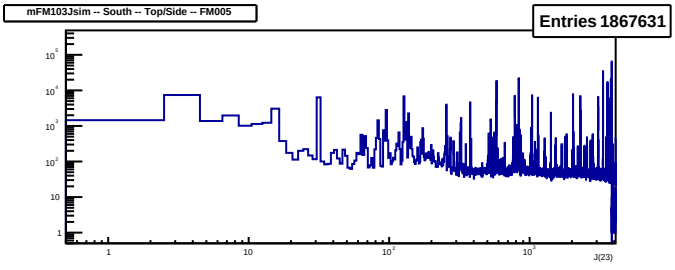
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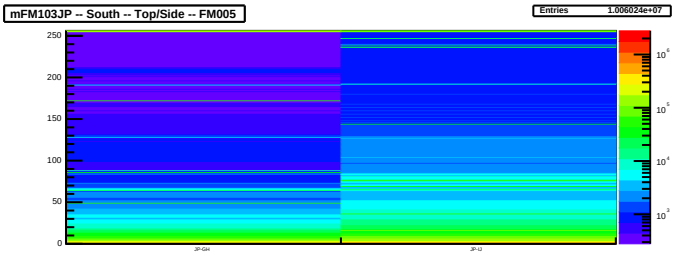
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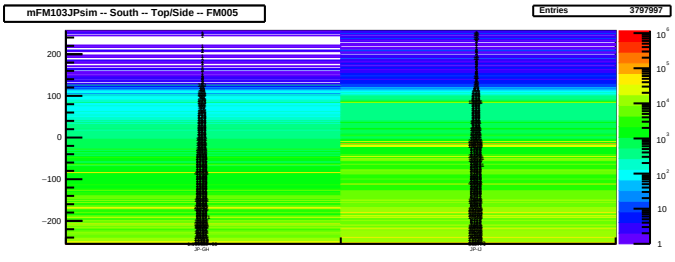
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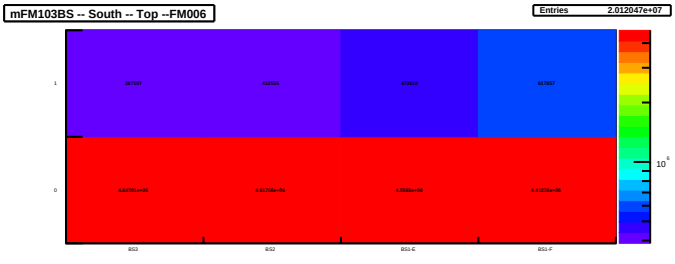
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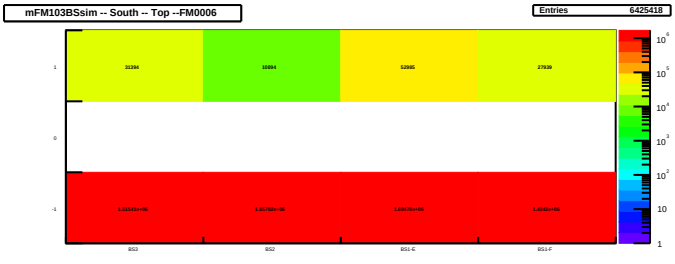
Entries 2.012047e+07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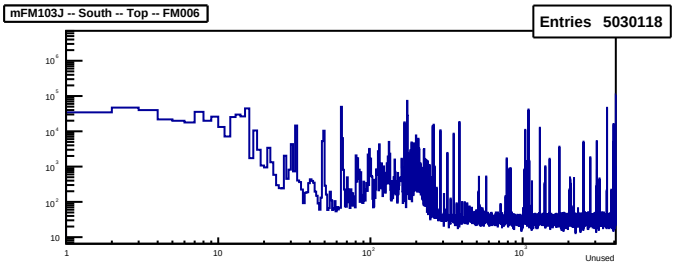
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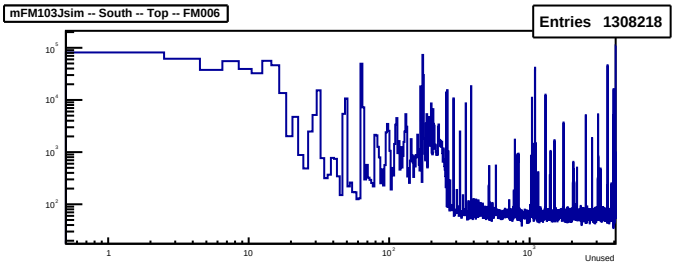
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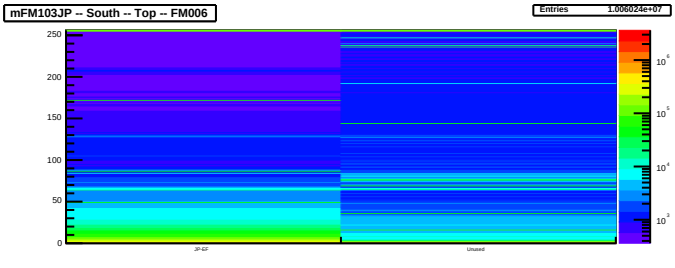
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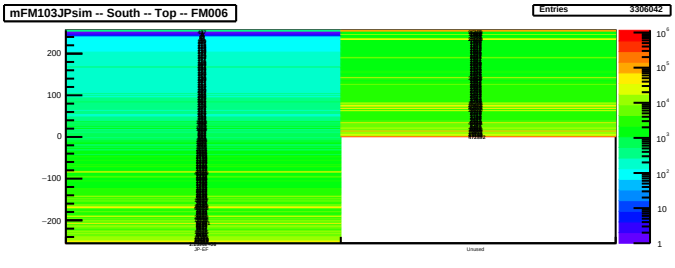
Entries 1.006024e+07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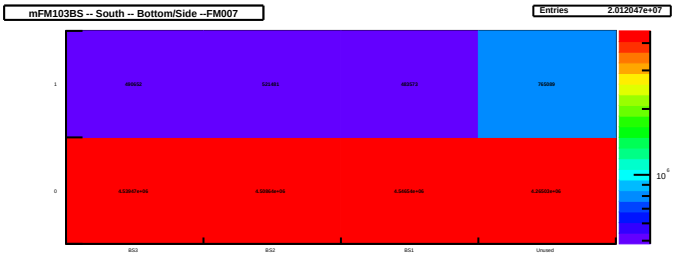
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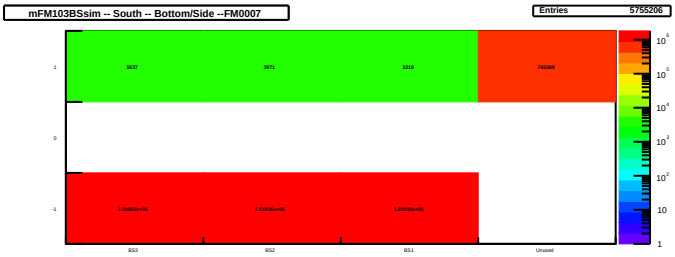
Entries 2.012047e+07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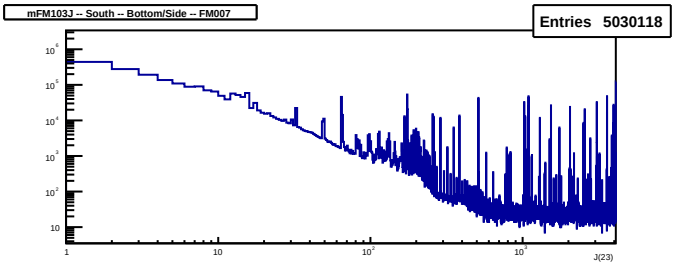
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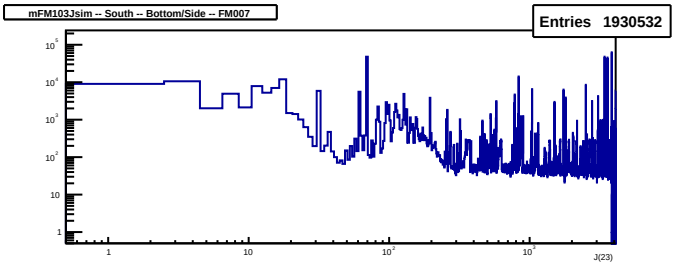
Entries 5030118
J(23)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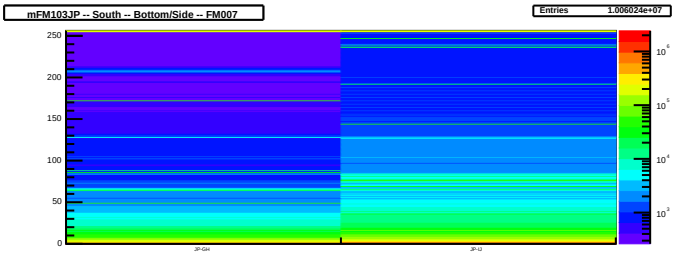
J(23)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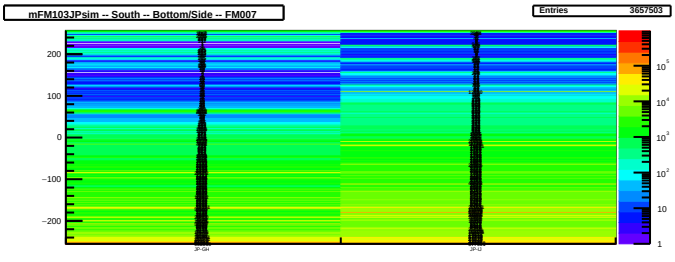
Entries 1.006024e+07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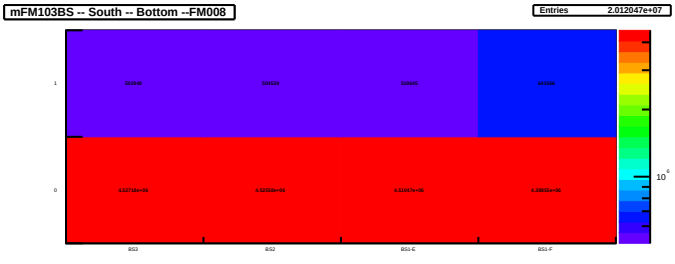
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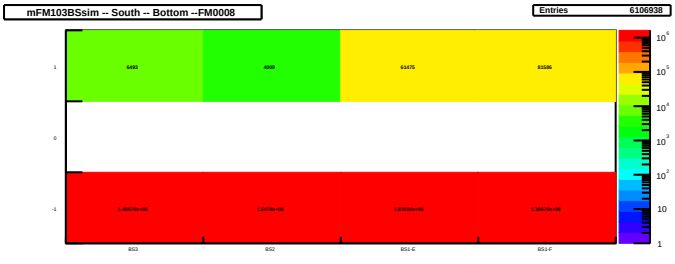
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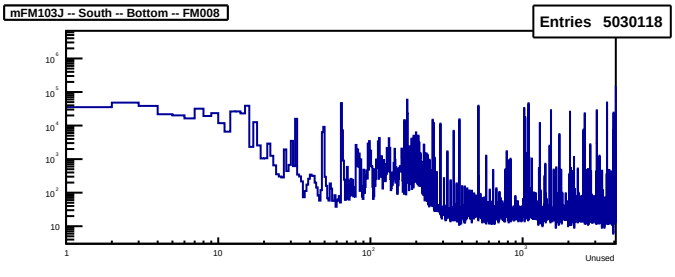
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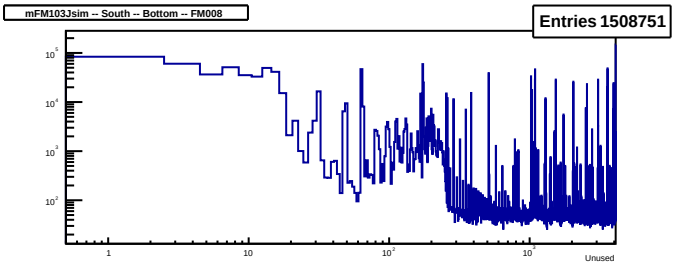
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Entries 1508751
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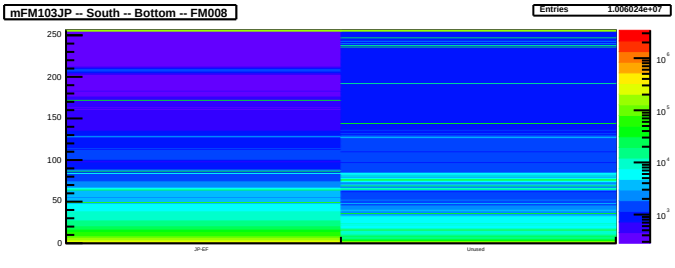
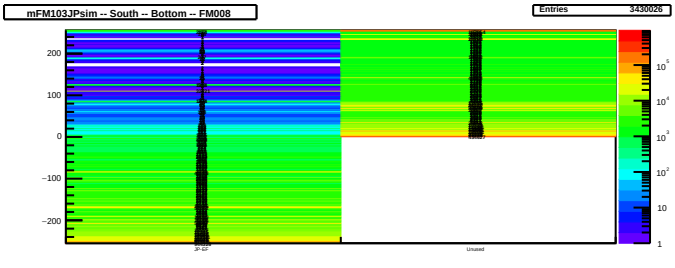
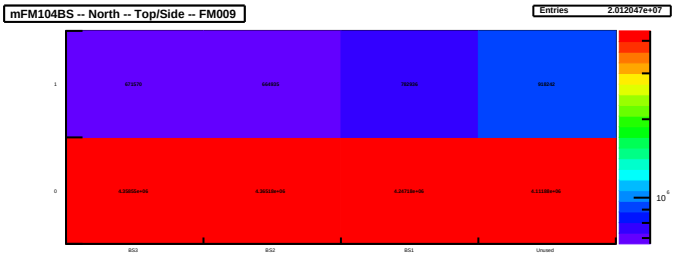
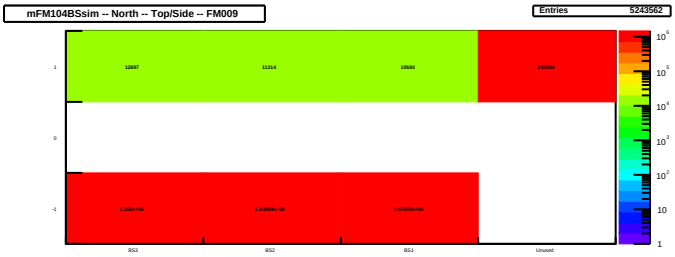
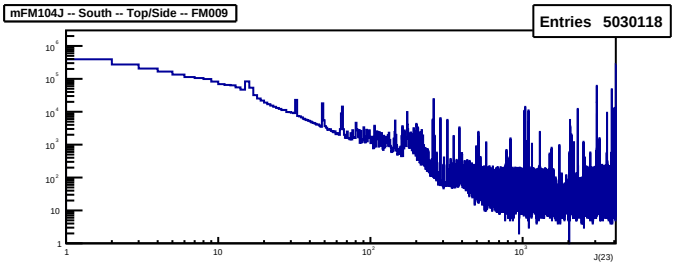
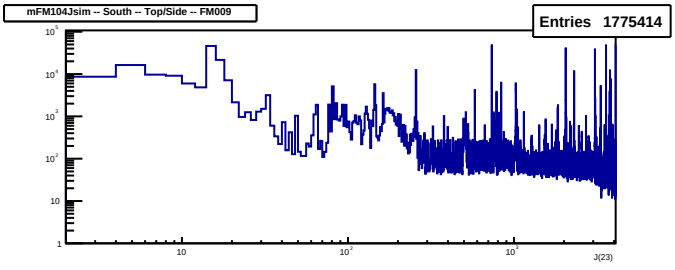

mFM103JP -- South -- Bottom -- FM008
Entries 1.006024e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3430026


mFM104BS -- North -- Top/Side -- FM009
Entries 2.012047e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5243562


mFM104J -- South -- Top/Side -- FM009
Entries 5030118
J(23)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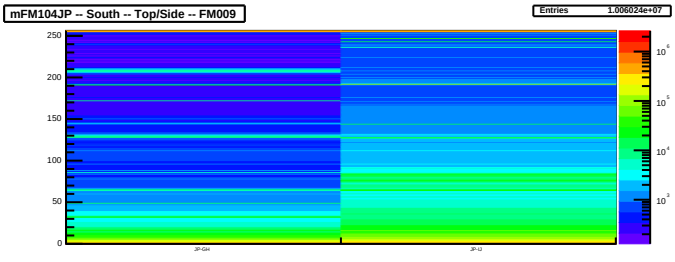
Entries 1775414
J(23)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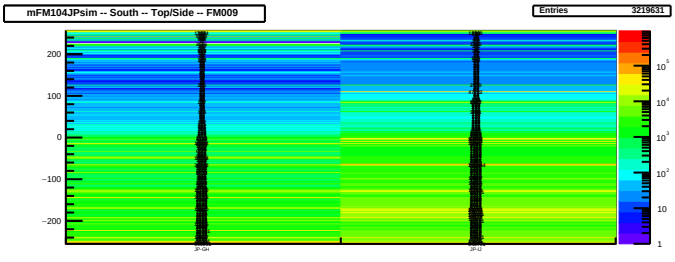
Entries 1.006024e+07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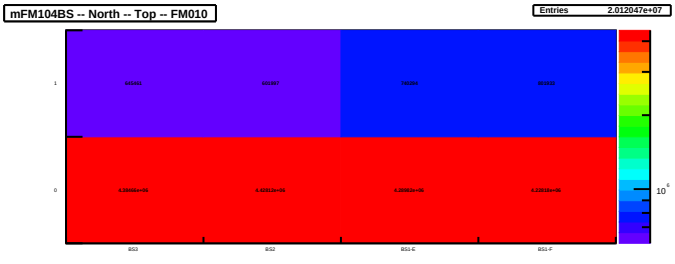
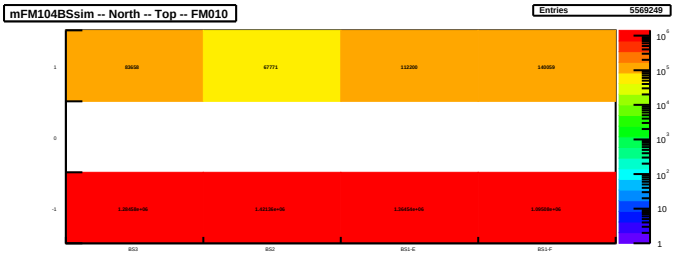
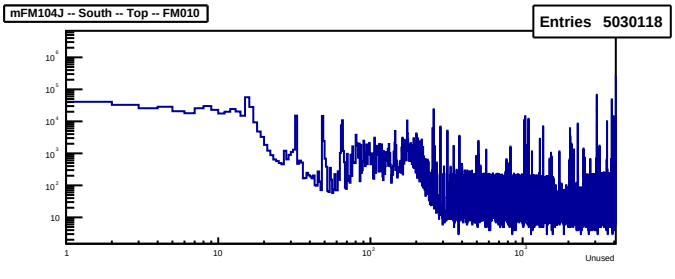
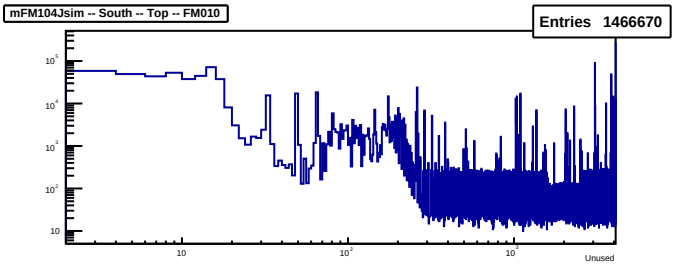
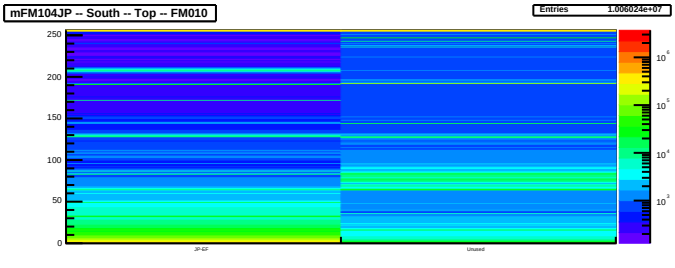
Entries 3219631

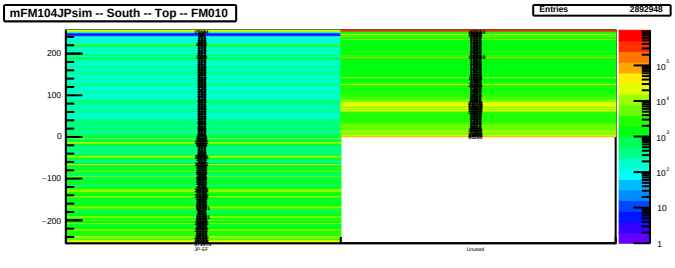

mFM104BS -- North -- Top -- FM010
Entries 2.012047e+07

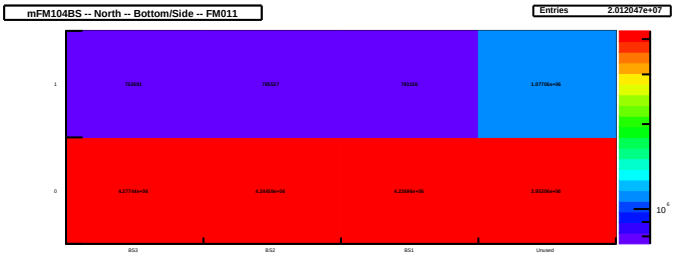

mFM104BSsim -- North -- Top -- FM010
Entries 5569249

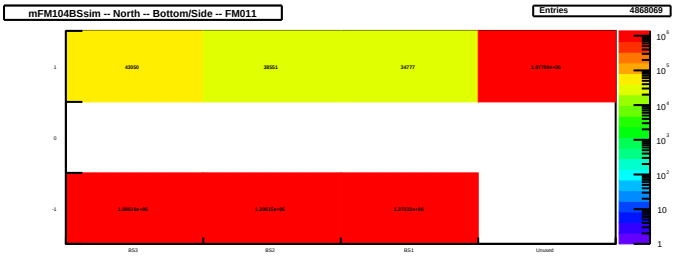

mFM104J -- South -- Top -- FM010
Entries 5030118
Unused

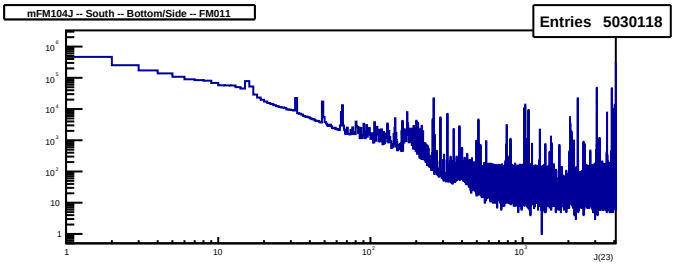

mFM104Jsim -- South -- Top -- FM010
Entries 1466670
Unused

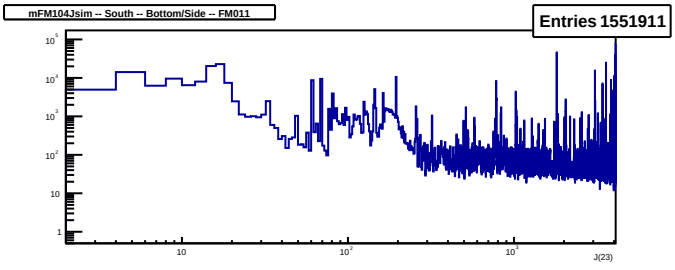

mFM104JP -- South -- Top -- FM010
Entries 1.006024e+07

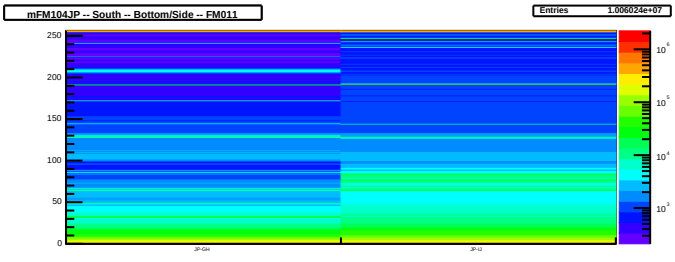

mFM104JPsim -- South -- Top -- FM010
Entries 2892948

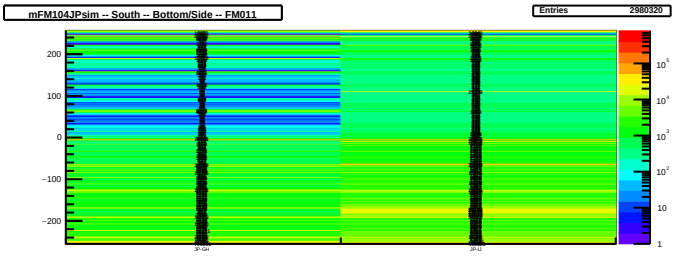

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.012047e+07

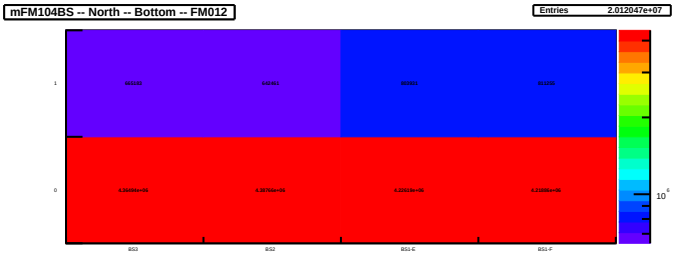

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4868069

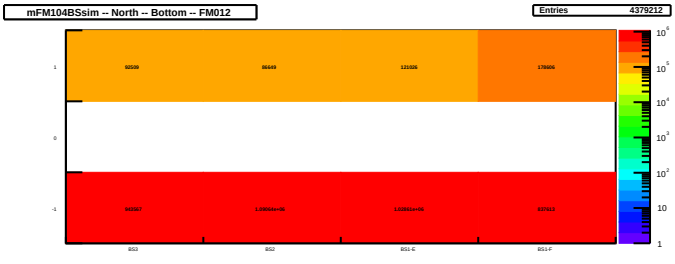

mFM104J -- South -- Bottom/Side -- FM011
Entries 5030118
J(23)

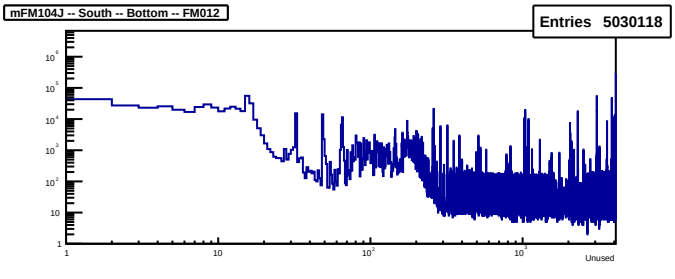

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1551911
J(23)

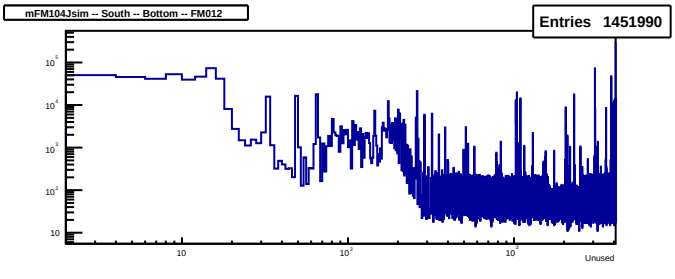

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.006024e+07

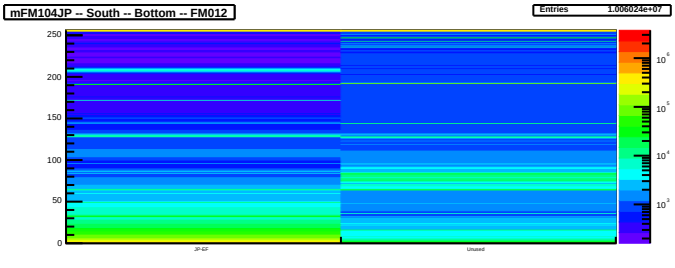

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2980320

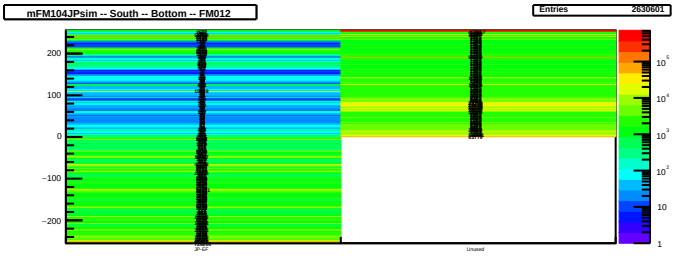

mFM104BS -- North -- Bottom -- FM012
Entries 2.012047e+07

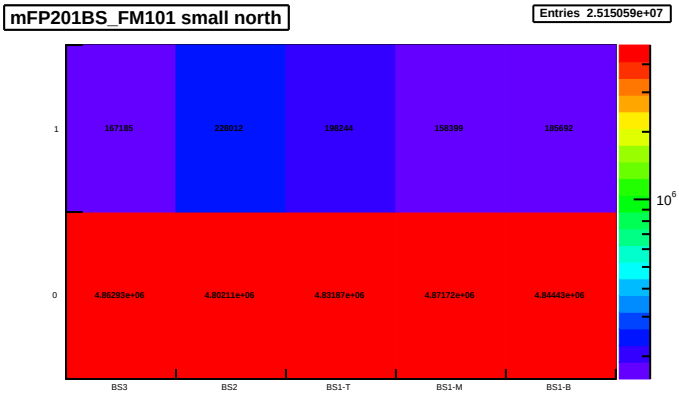

mFM104BSsim -- North -- Bottom -- FM012
Entries 4379212

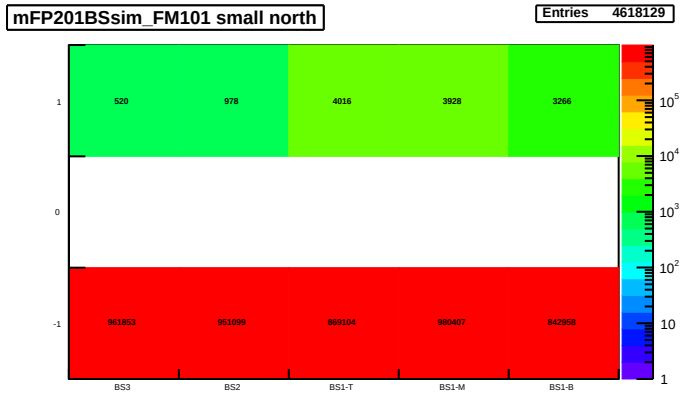

mFM104J -- South -- Bottom -- FM012
Entries 5030118
Unused

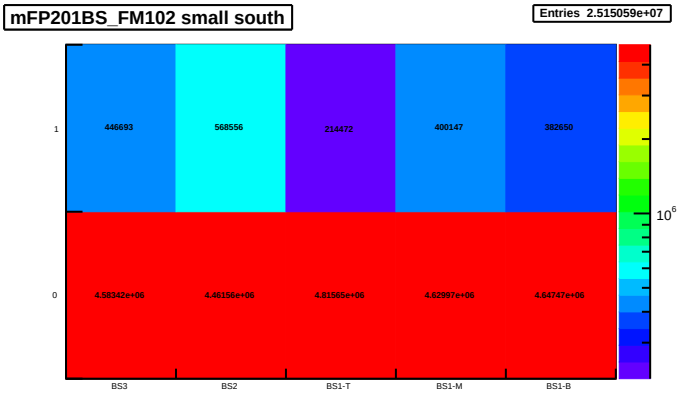

mFM104Jsim -- South -- Bottom -- FM012
Entries 1451990
Unused

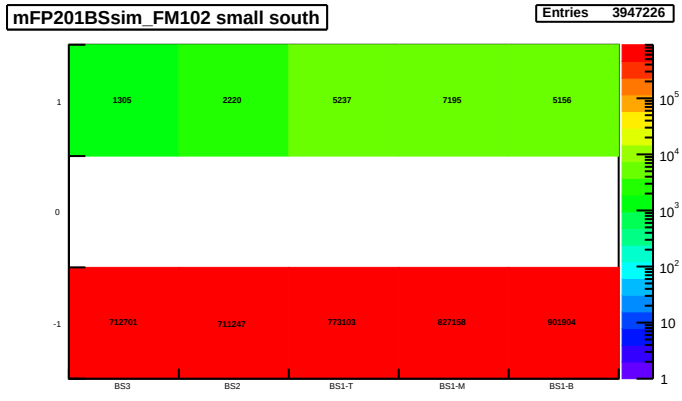

mFM104JP -- South -- Bottom -- FM012
Entries 1.006024e+07

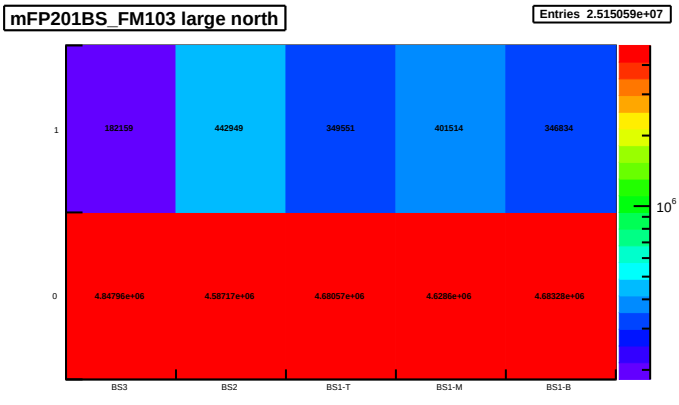

mFM104JPsim -- South -- Bottom -- FM012
Entries 2630601

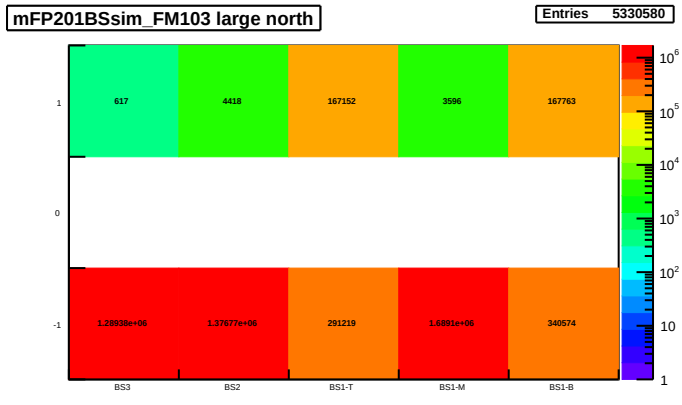

mFP201BS_FM101 small north
Entries 2.515059e+07
167185
228012
198244
158399
185692
4.86293e+06
4.80211e+06
4.83187e+06
4.87172e+06
4.84443e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

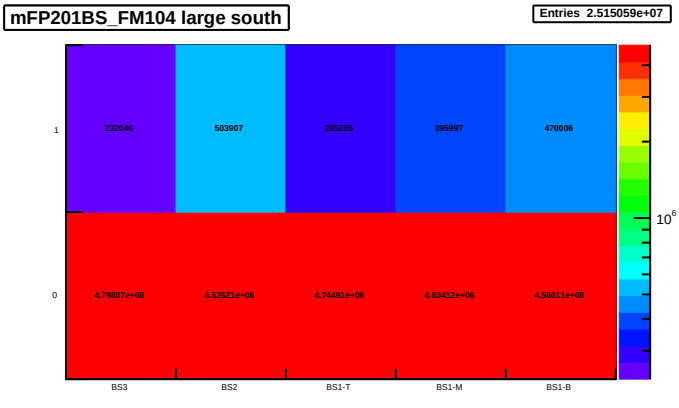

mFP201BSsim_FM101 small north
Entries 4618129
520
978
4016
3928
3266
961853
951099
869104
980407
842958
BS3
BS2
BS1-T
BS1-M
BS1-B

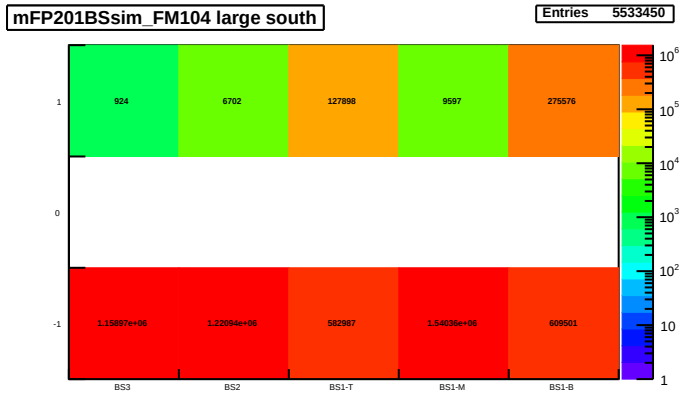

mFP201BS_FM102 small south
Entries 2.515059e+07
446693
568556
214472
400147
382650
4.58342e+06
4.46156e+06
4.81565e+06
4.62997e+06
4.64747e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

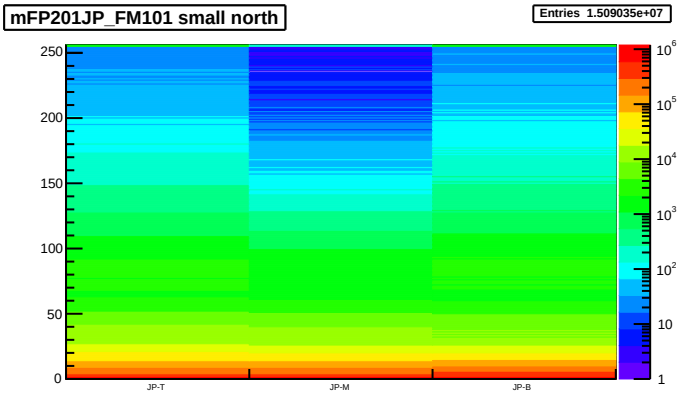

mFP201BSsim_FM102 small south
Entries 3947226
1305
2220
5237
7195
5156
712701
711247
773103
827158
901904
BS3
BS2
BS1-T
BS1-M
BS1-B

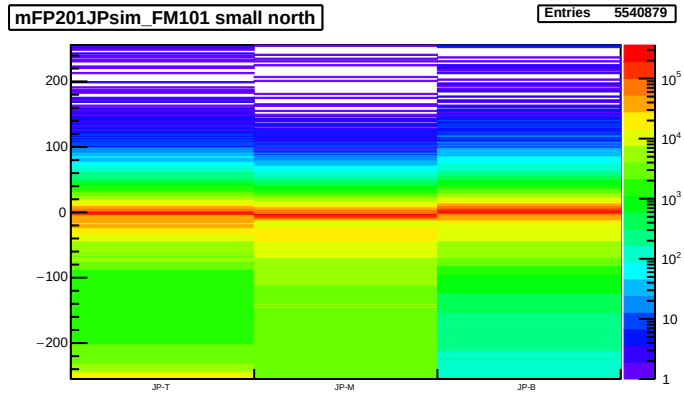

mFP201BS_FM103 large north
Entries 2.515059e+07
182159
442949
349551
401514
346834
4.84796e+06
4.58717e+06
4.68057e+06
4.6286e+06
4.68328e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

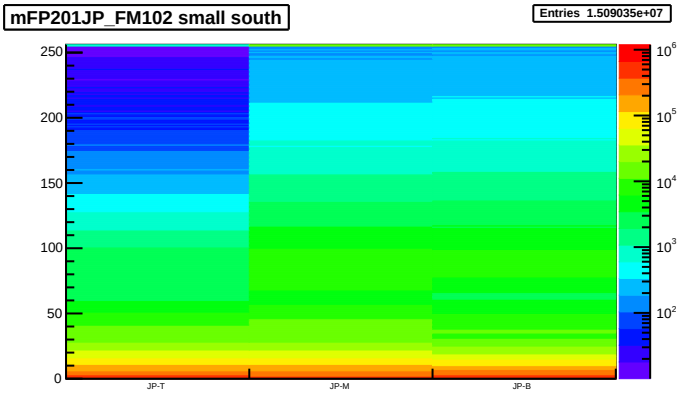

mFP201BSsim_FM103 large north
Entries 5330580
617
4418
167152
3596
167763
1.28938e+06
1.37677e+06
291219
1.6891e+06
340574
BS3
BS2
BS1-T
BS1-M
BS1-B

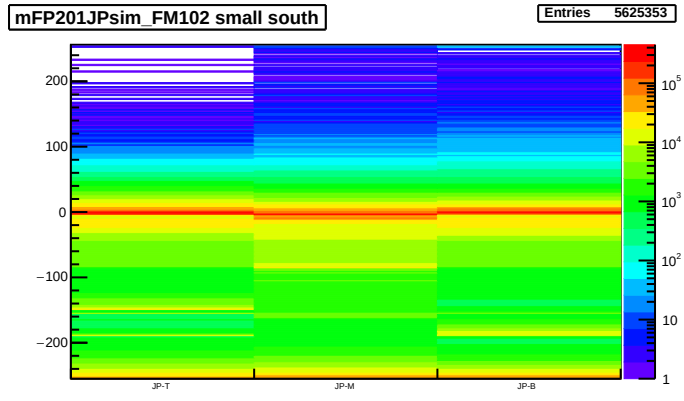

mFP201BS_FM104 large south
Entries 2.515059e+07
232046
503907
288205
395997
470006
4.79807e+06
4.52621e+06
4.74491e+06
4.63412e+06
4.56011e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

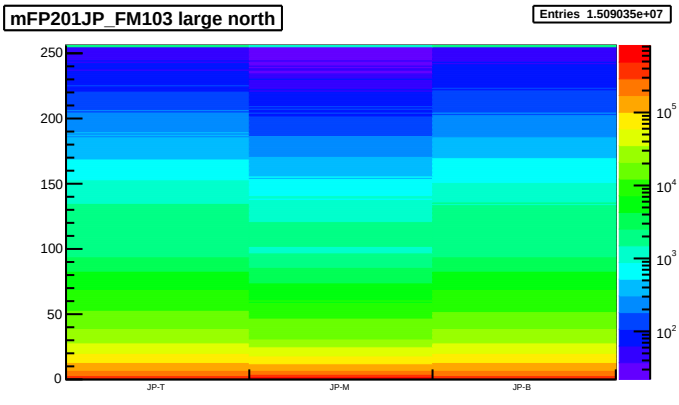

mFP201BSsim_FM104 large south
Entries 5533450
924
6702
127898
9597
275576
1.15897e+06
1.22094e+06
582987
1.54036e+06
609501
BS3
BS2
BS1-T
BS1-M
BS1-B

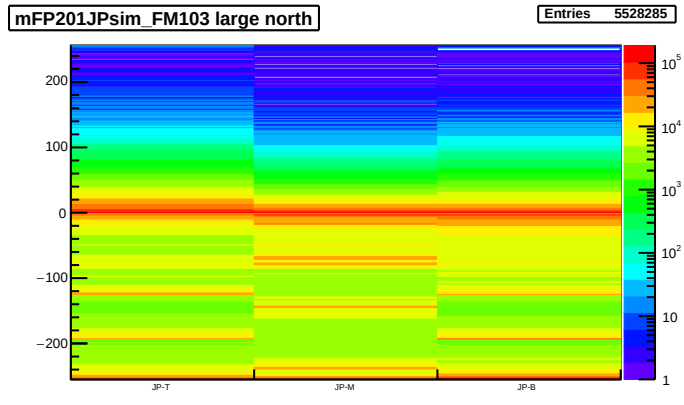

mFP201JP_FM101 small north
Entries 1.509035e+07
JP-T
JP-M
JP-B

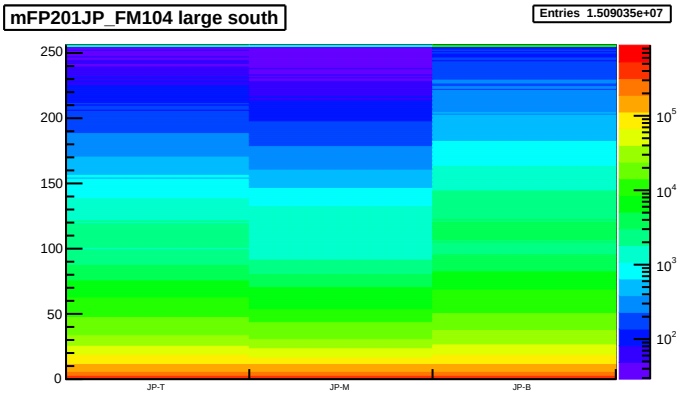

mFP201JPsim_FM101 small north
Entries 5540879
JP-T
JP-M
JP-B

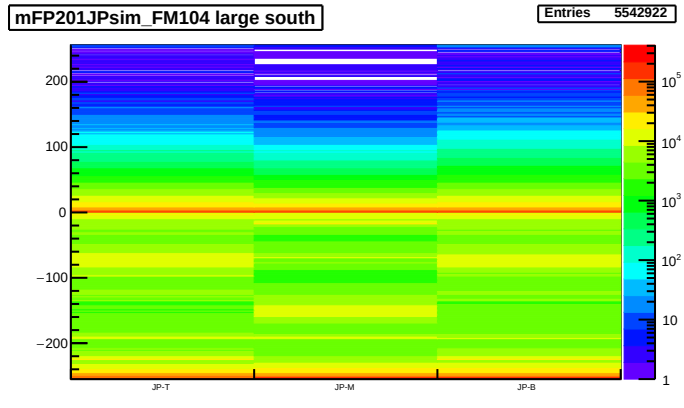

mFP201JP_FM102 small south
Entries 1.509035e+07
JP-T
JP-M
JP-B

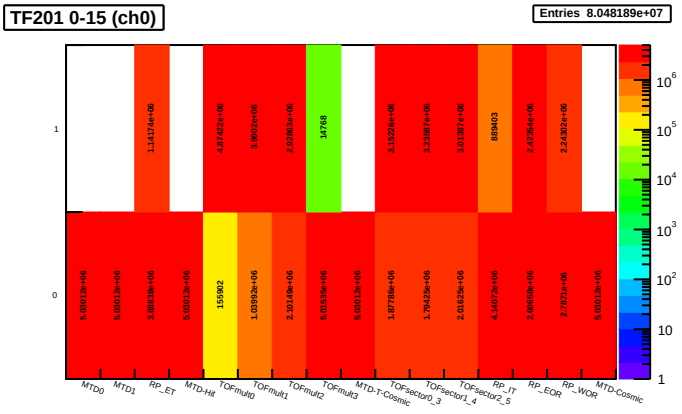

mFP201JPsim_FM102 small south
Entries 5625353
JP-T
JP-M
JP-B

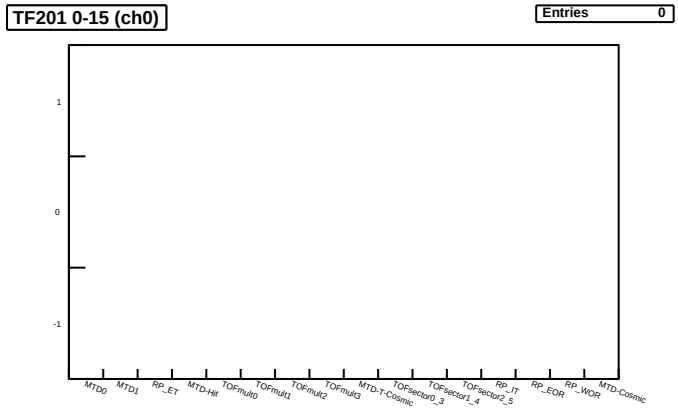

mFP201JP_FM103 large north
Entries 1.509035e+07
JP-T
JP-M
JP-B

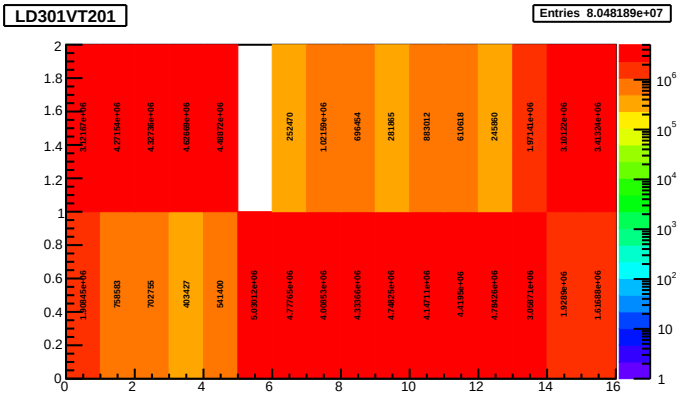

mFP201JPsim_FM103 large north
Entries 5528285
JP-T
JP-M
JP-B

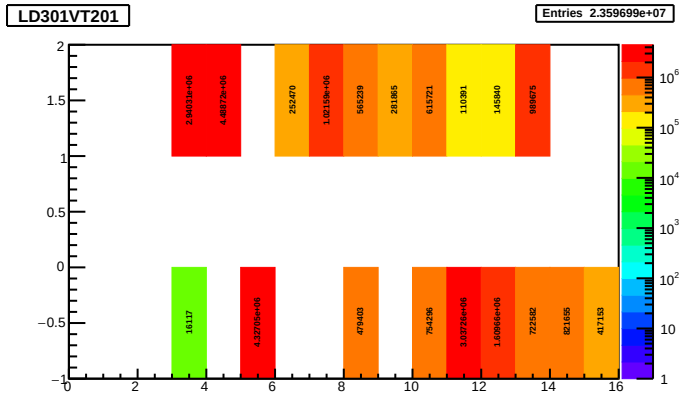

mFP201JP_FM104 large south
Entries 1.509035e+07
JP-T
JP-M
JP-B

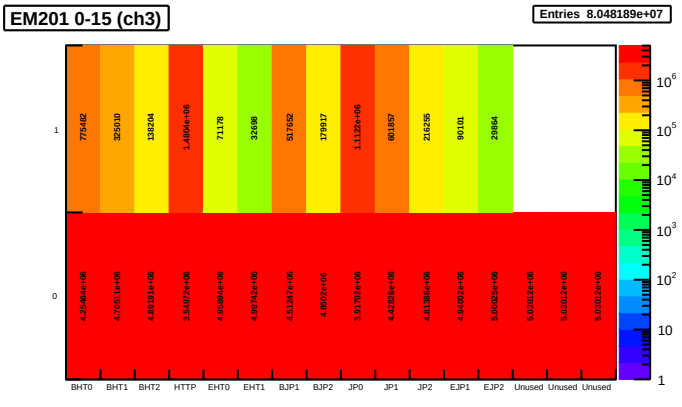

mFP201JPsim_FM104 large south
Entries 5542922
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 8.048189e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 8.048189e+07


LD301VT201
Entries 2.359699e+07


EM201 0-15 (ch3)
Entries 8.048189e+07
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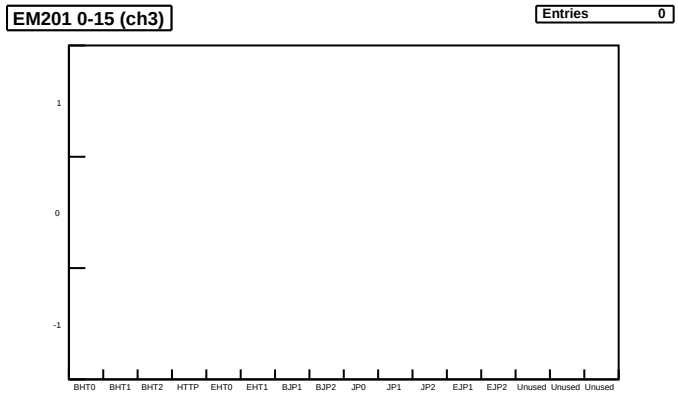
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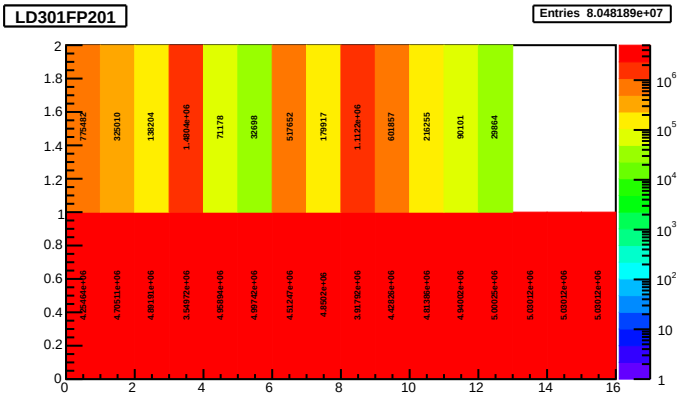
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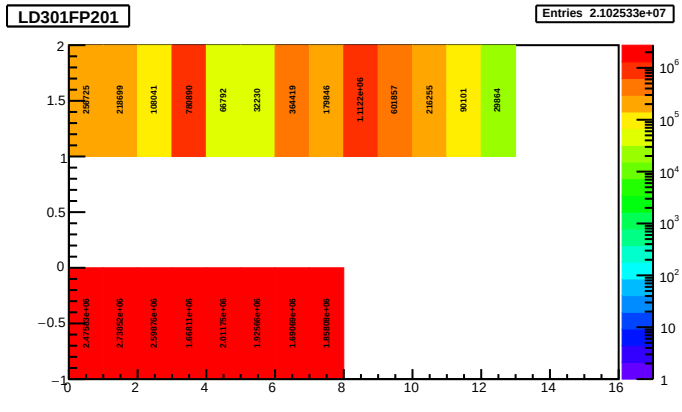
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