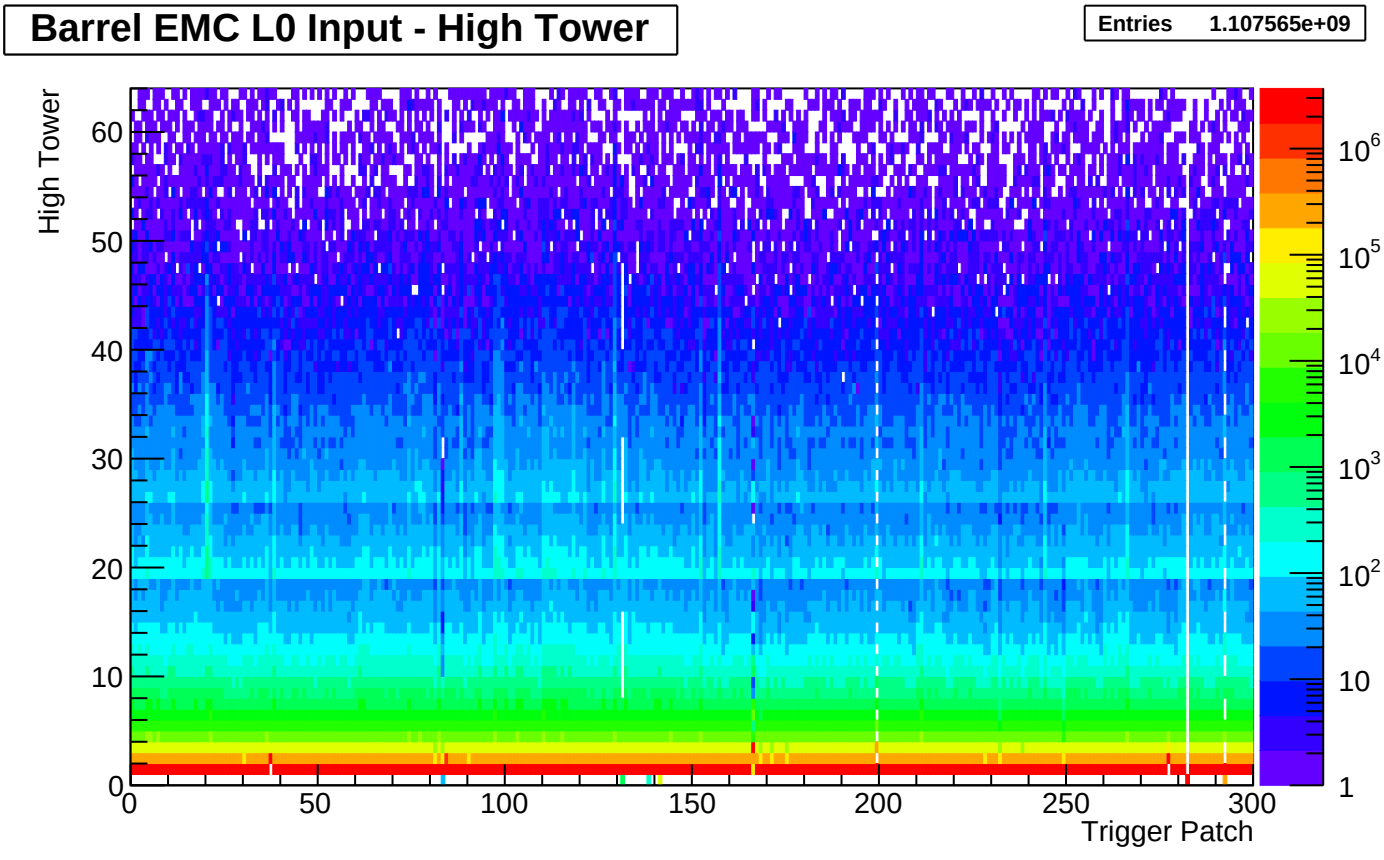
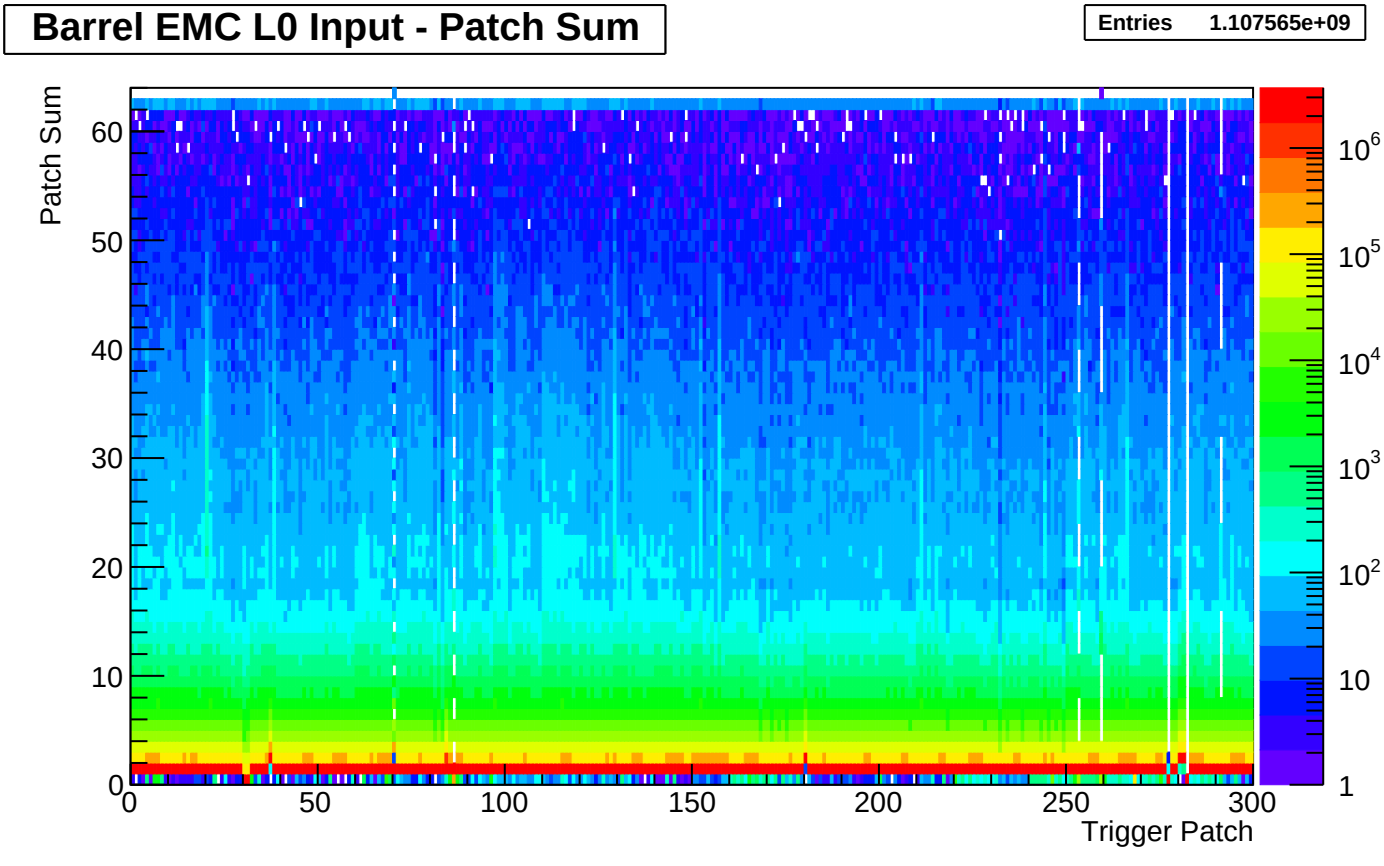
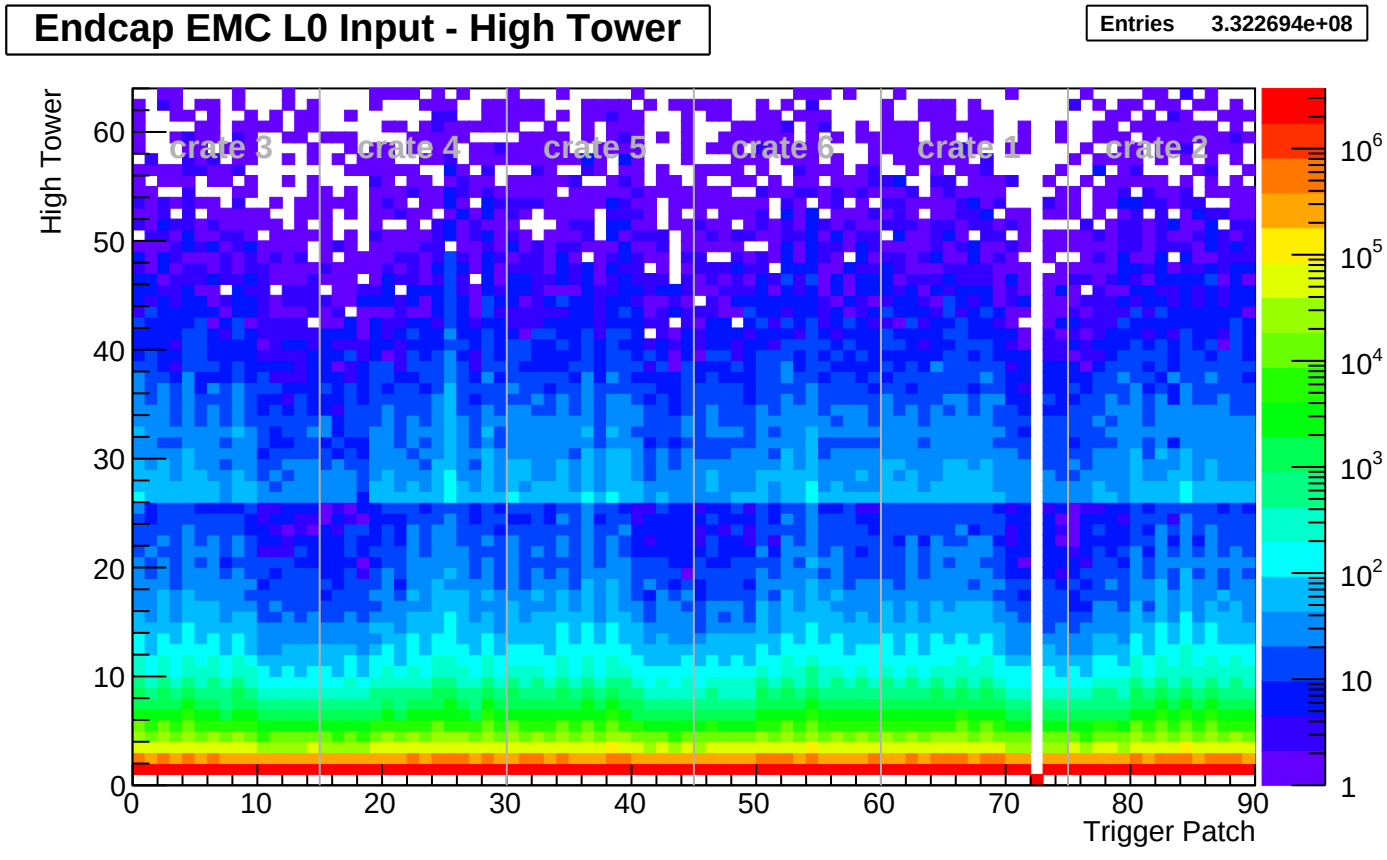
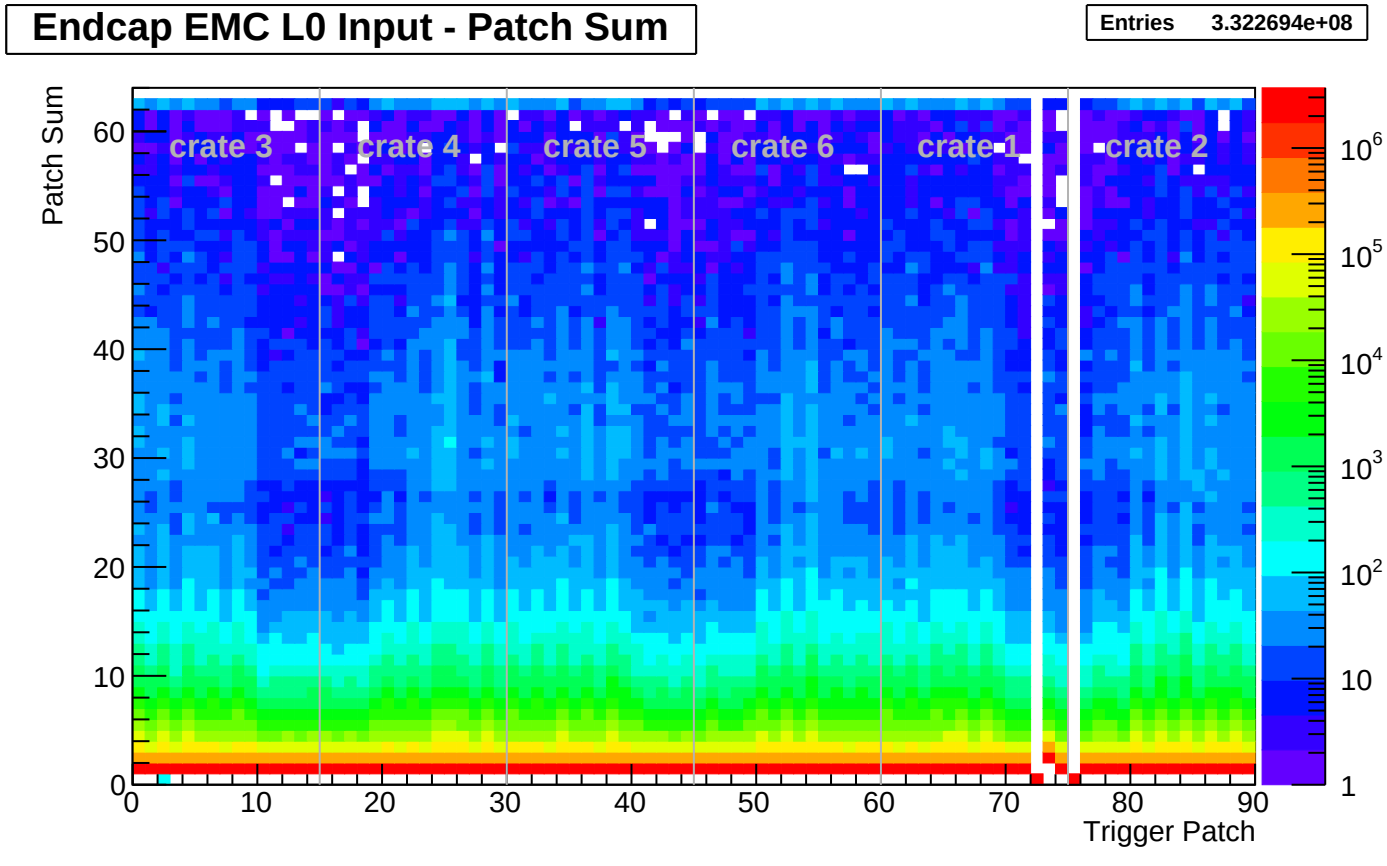
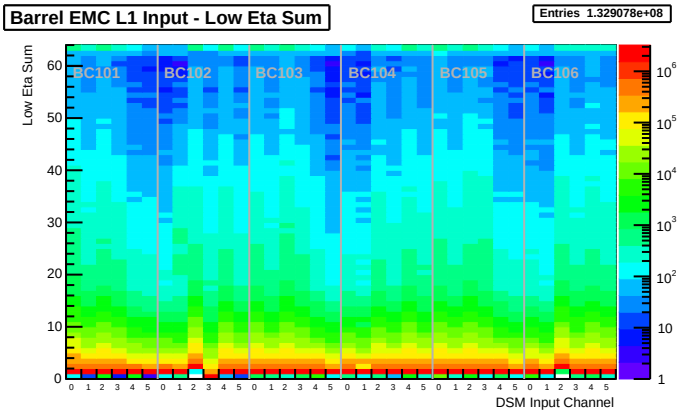
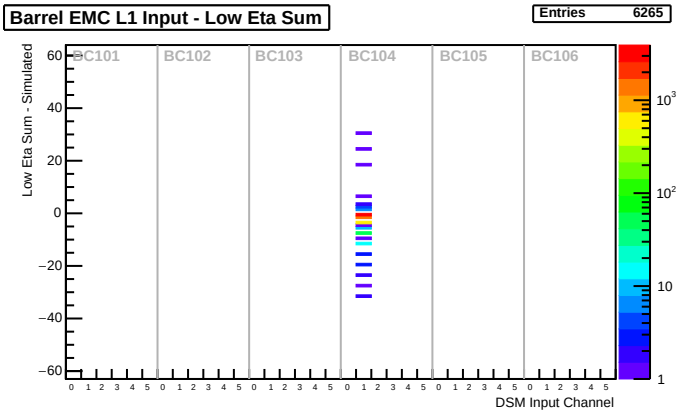

Barrel EMC L0 Input - High Tower
Entries 1.107565e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

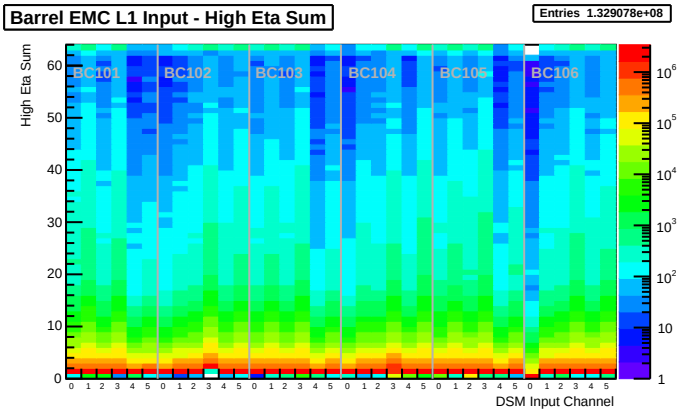

Barrel EMC L0 Input - Patch Sum
Entries 1.107565e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

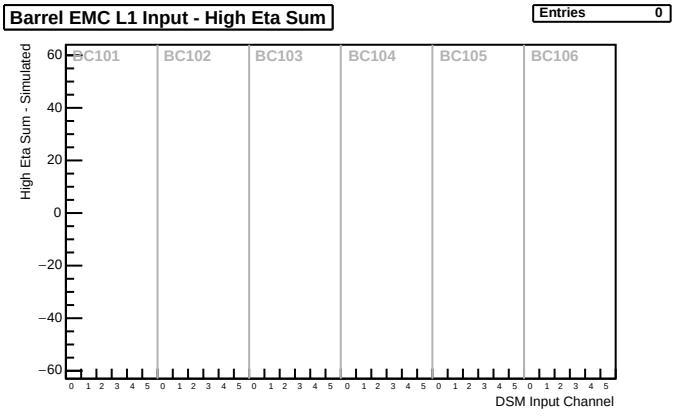

Endcap EMC L0 Input - High Tower
Entries 3.322694e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

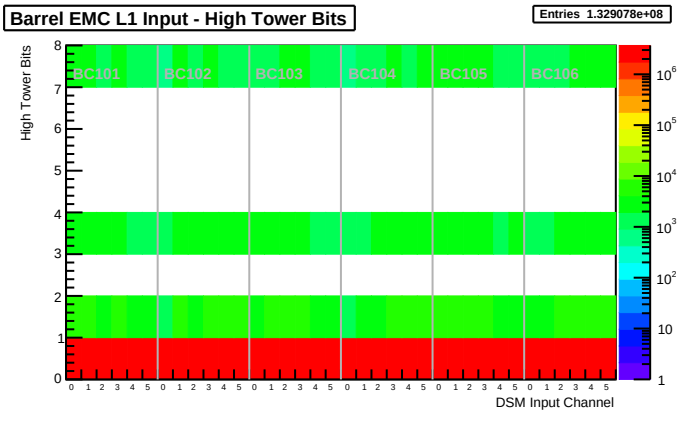

Endcap EMC L0 Input - Patch Sum
Entries 3.322694e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

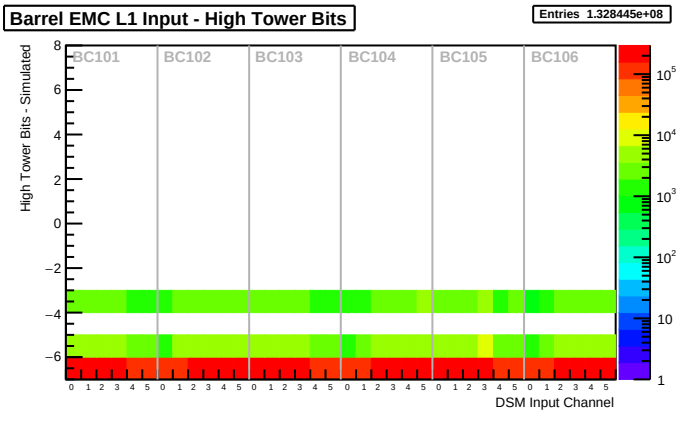

Barrel EMC L1 Input - Low Eta Sum
Entries 1.329078e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

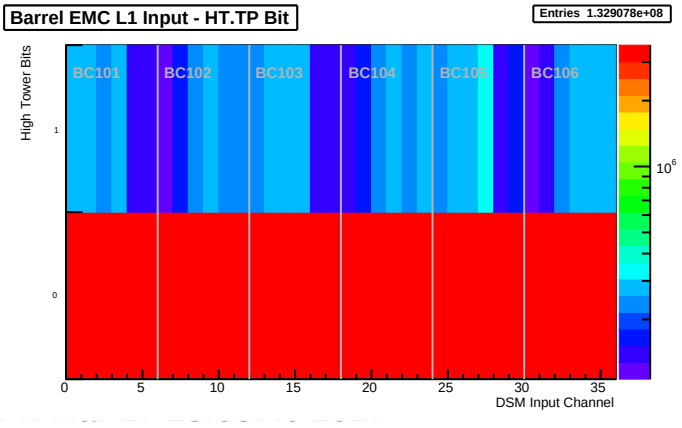

Barrel EMC L1 Input - Low Eta Sum
Entries 6265
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

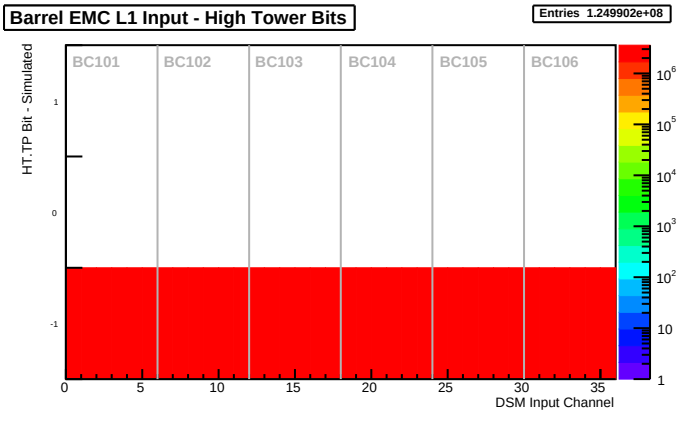

Barrel EMC L1 Input - High Eta Sum
Entries 1.329078e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

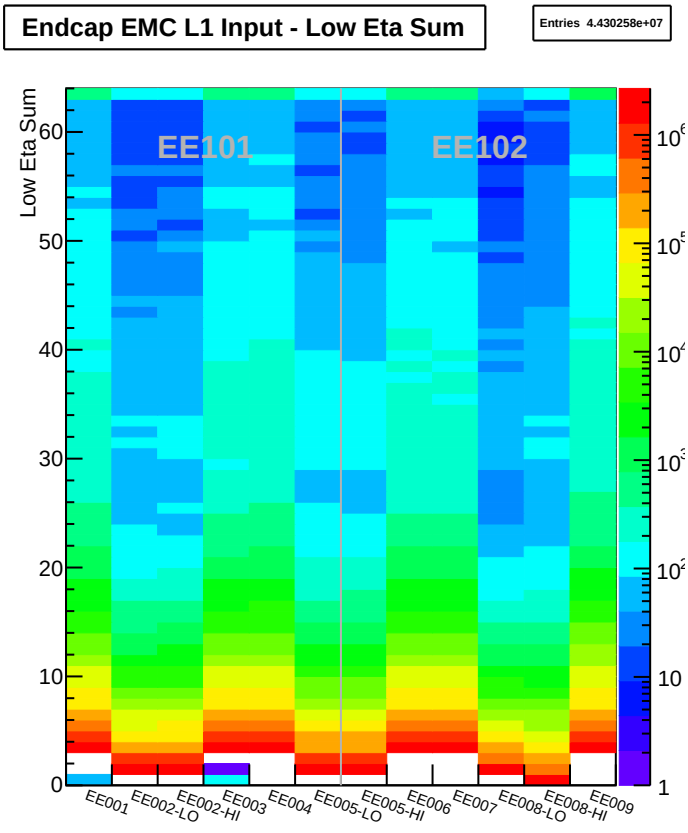

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

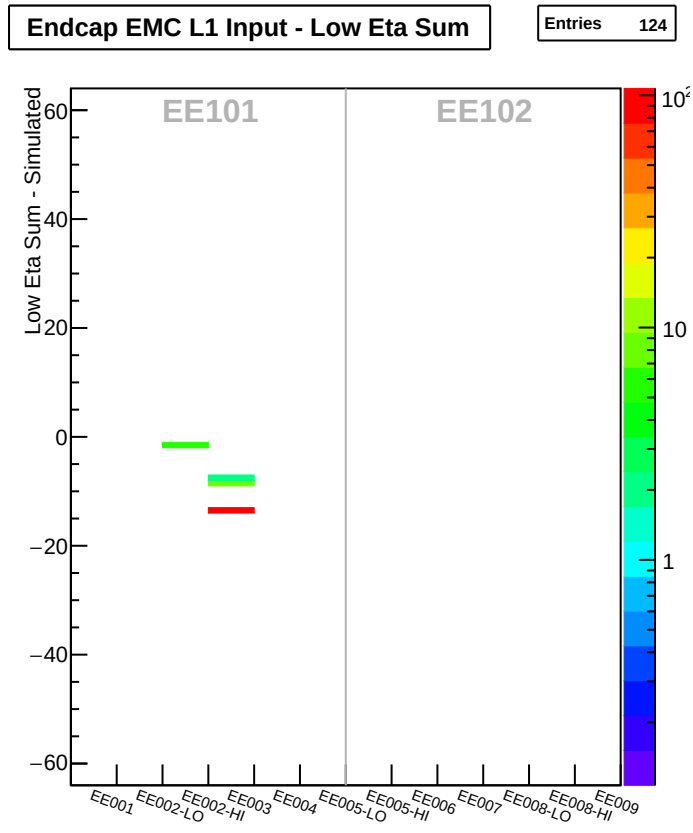

Barrel EMC L1 Input - High Tower Bits
Entries 1.329078e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

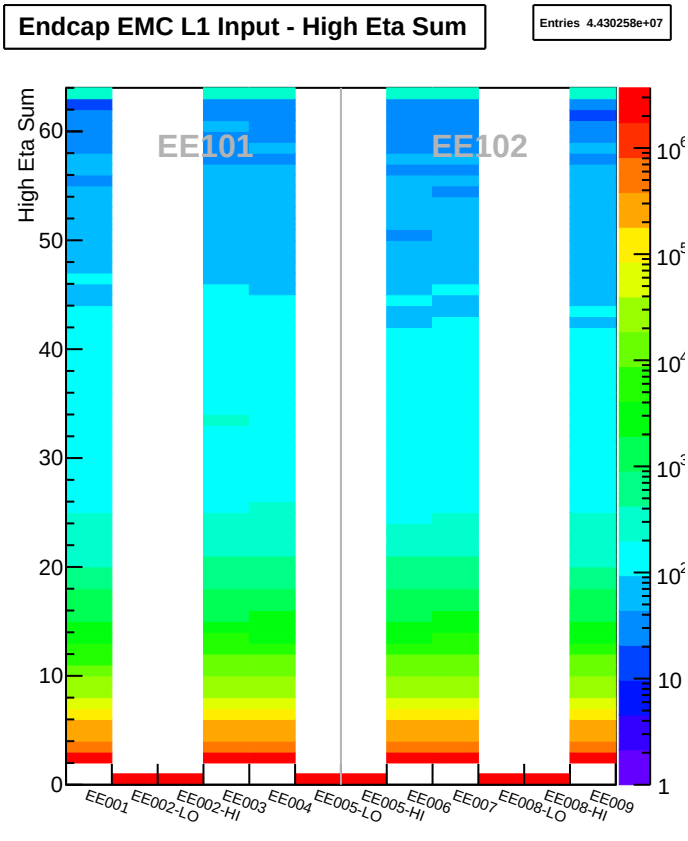

Barrel EMC L1 Input - High Tower Bits
Entries 1.328445e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

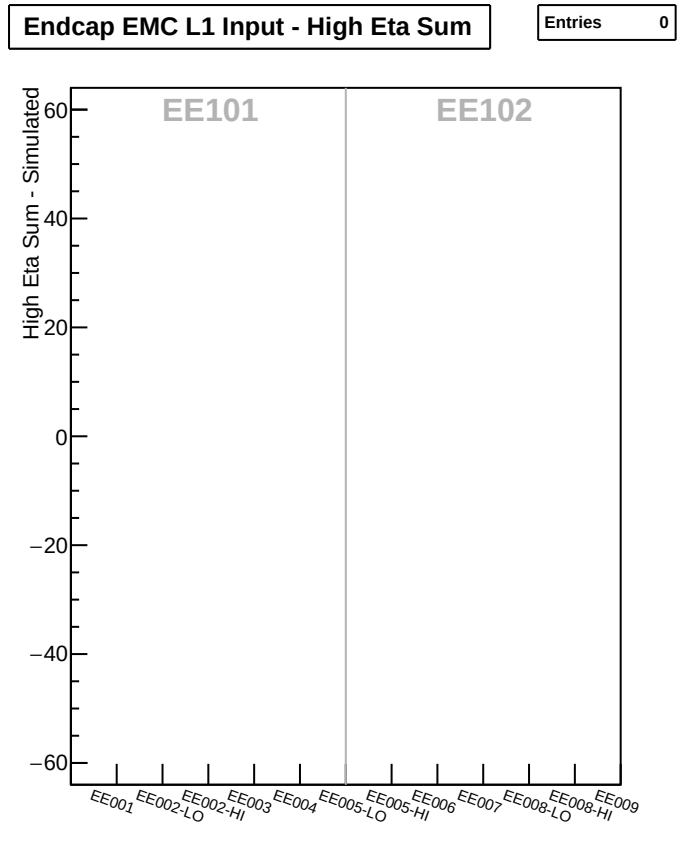

Barrel EMC L1 Input - HT.TP Bit
Entries 1.329078e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

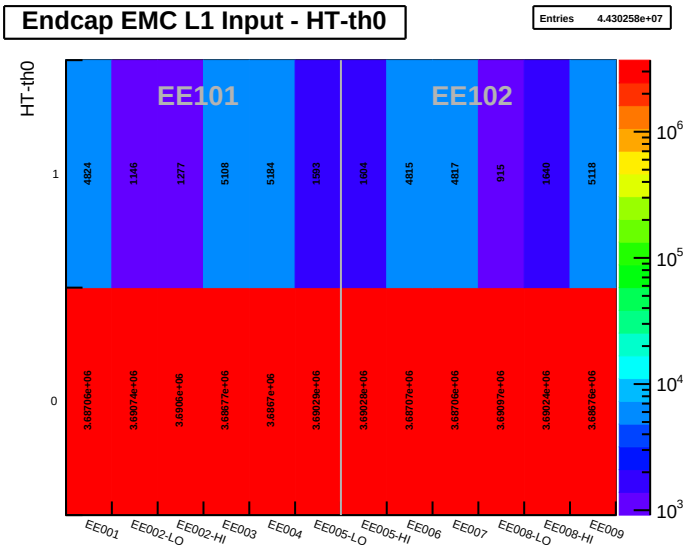

Barrel EMC L1 Input - High Tower Bits
Entries 1.249902e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

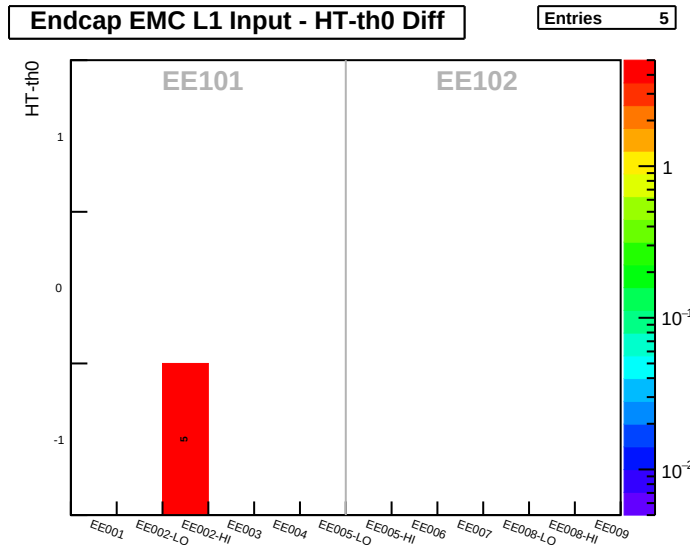

Endcap EMC L1 Input - Low Eta Sum
Entries 4.430258e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

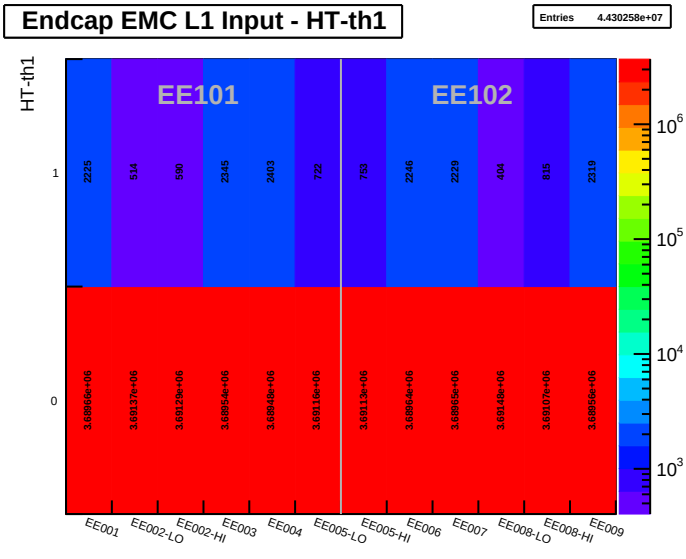

Endcap EMC L1 Input - Low Eta Sum
Entries 124
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

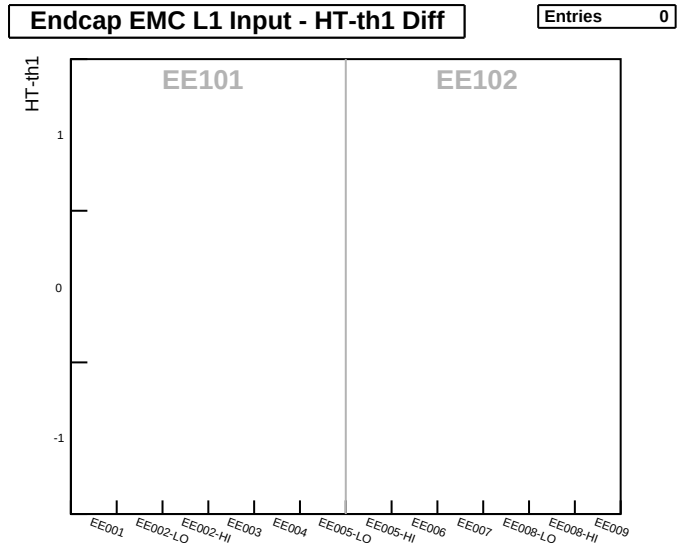

Endcap EMC L1 Input - High Eta Sum
Entries 4.430258e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

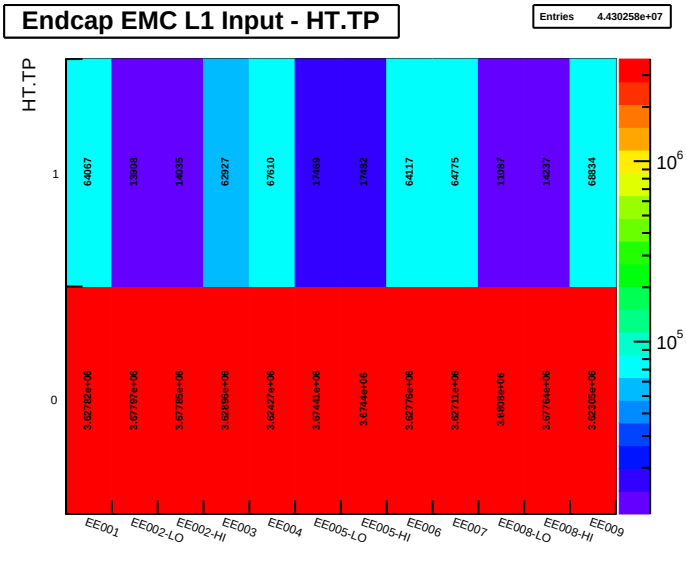

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

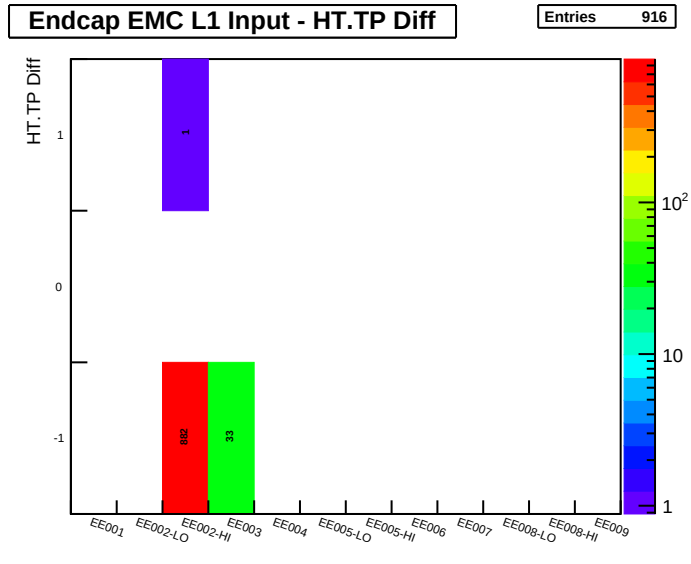

Endcap EMC L1 Input - HT-th0
Entries 4.430258e+07
HT-th0
EE101
EE102
4824 1146 1277 5108 5184 1593 1604 4815 4817 915 1640 5118
3.68706e+06 3.69074e+06 3.69306e+06 3.68877e+06 3.68857e+06 3.69029e+06 3.69028e+06 3.68707e+06 3.68706e+06 3.69097e+06 3.69024e+06 3.68876e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

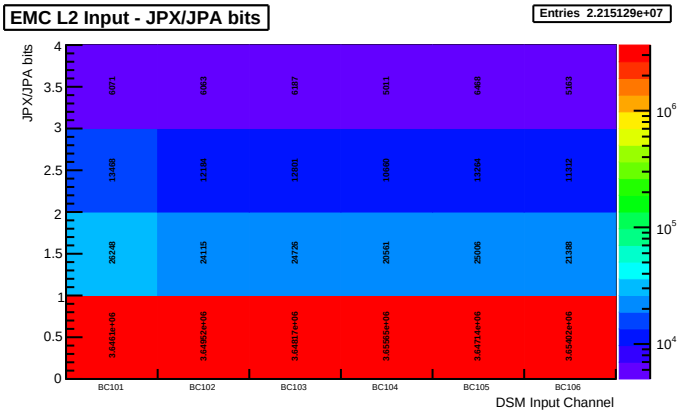

Endcap EMC L1 Input - HT-th0 Diff
Entries 5
HT-th0
EE101
EE102
5
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

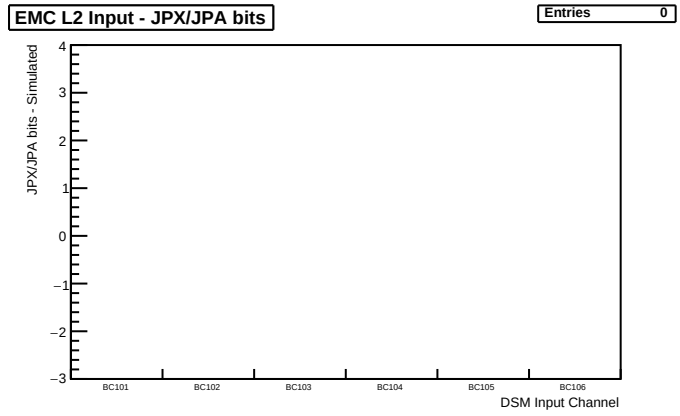

Endcap EMC L1 Input - HT-th1
Entries 4.430258e+07
HT-th1
EE101
EE102
2225 514 590 2345 2403 722 753 2246 2229 404 815 2319
3.68866e+06 3.69137e+06 3.69123e+06 3.68954e+06 3.68948e+06 3.69116e+06 3.69113e+06 3.68964e+06 3.68955e+06 3.69148e+06 3.69107e+06 3.68955e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

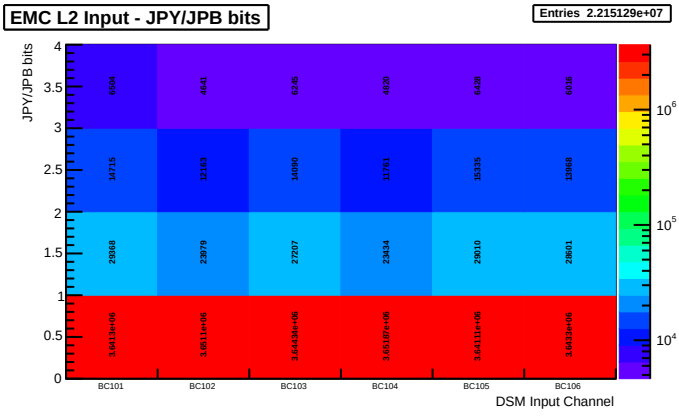

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

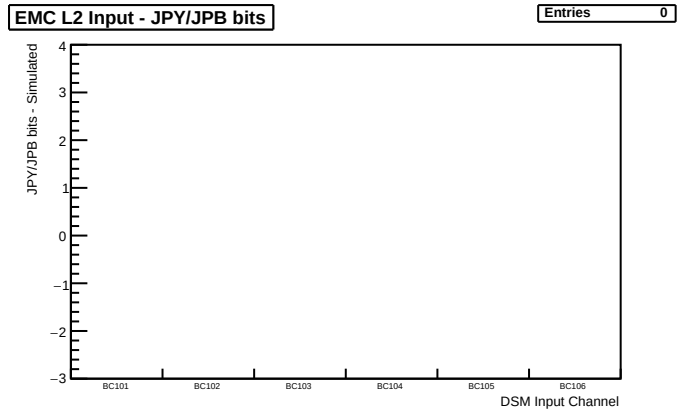

Endcap EMC L1 Input - HT.TP
Entries 4.430258e+07
HT.TP
64067 13908 14035 62927 67610 17469 17482 64117 64775 11087 14237 68834
3.62782e+06 3.67797e+06 3.67785e+06 3.62898e+06 3.62427e+06 3.67441e+06 3.6744e+06 3.62776e+06 3.62711e+06 3.6808e+06 3.67764e+06 3.62305e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

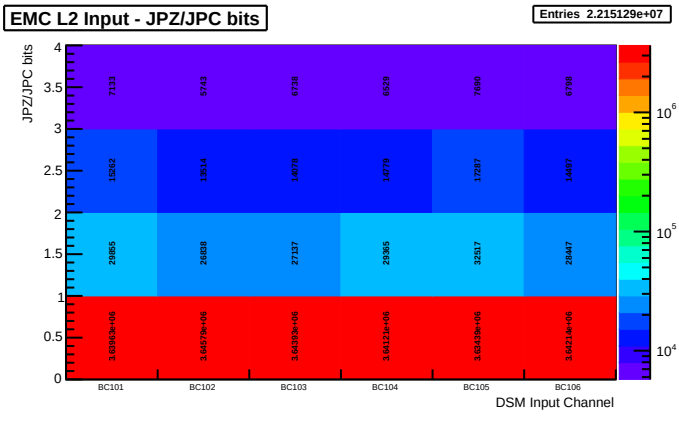

Endcap EMC L1 Input - HT.TP Diff
Entries 916
HT.TP Diff
1
882
33
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

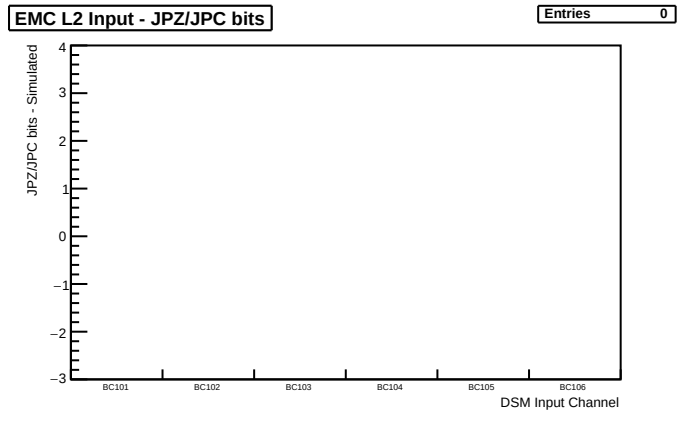

EMC L2 Input - JPX/JPA bits
Entries 2.215129e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

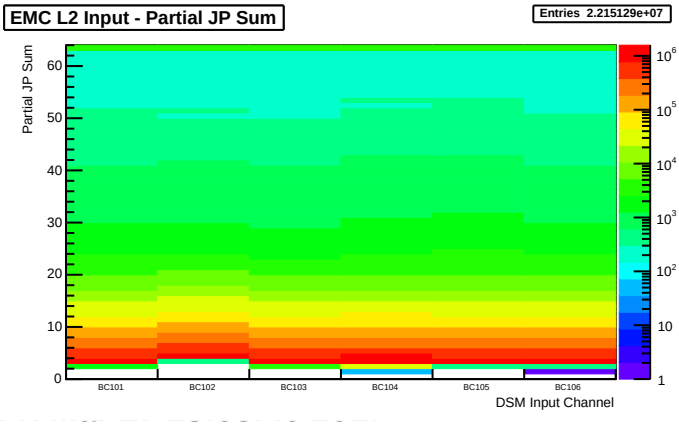

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

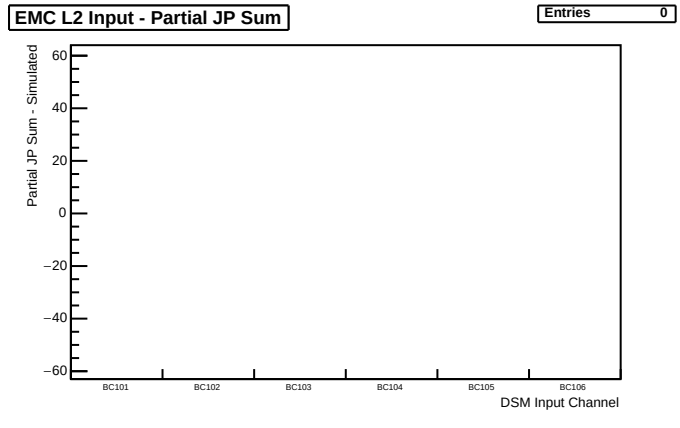

EMC L2 Input - JPY/JPB bits
Entries 2.215129e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

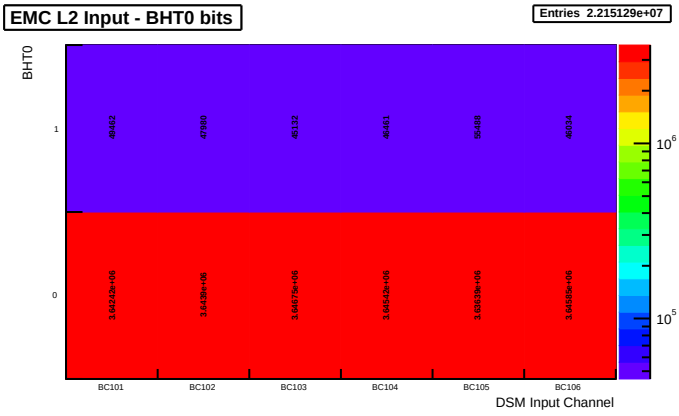

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

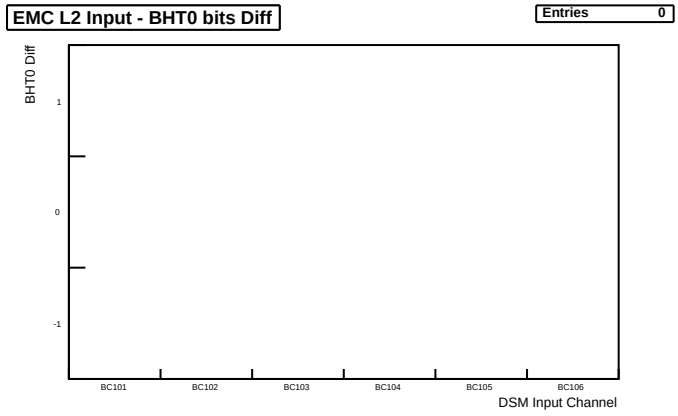

EMC L2 Input - JPZ/JPC bits
Entries 2.215129e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

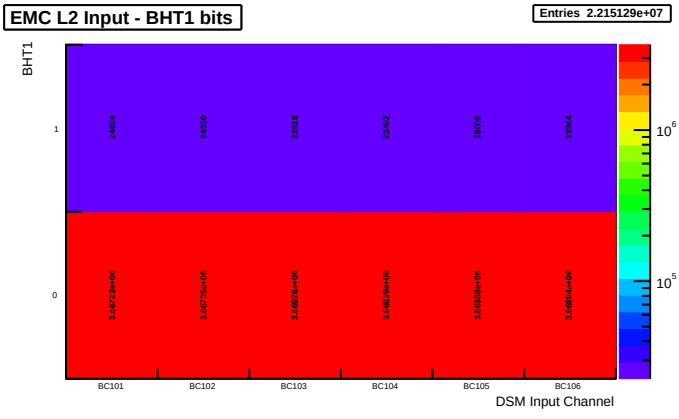

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

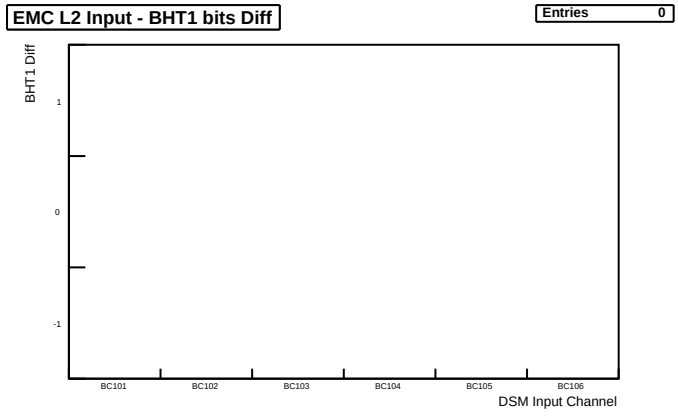

EMC L2 Input - Partial JP Sum
Entries 2.215129e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

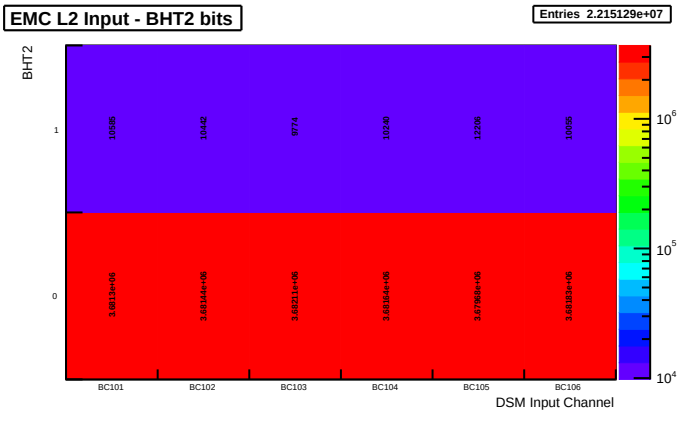

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

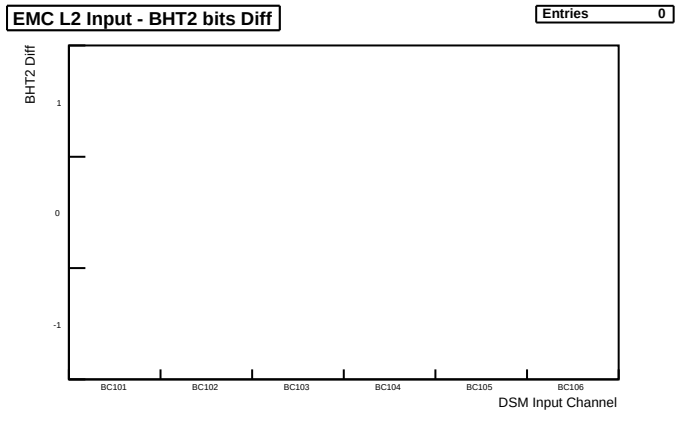

EMC L2 Input - BHT0 bits
Entries 2.215129e+07
BHT0
1
0
49462
47980
45132
49461
55468
46034
3.64242e+06
3.6438e+06
3.64679e+06
3.65542e+06
3.63839e+06
3.64585e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

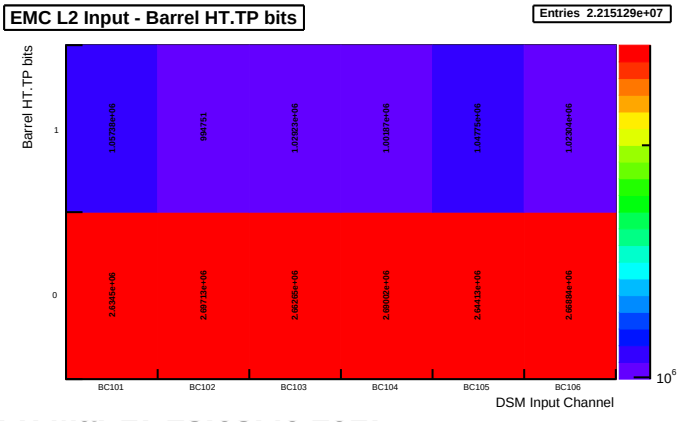

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

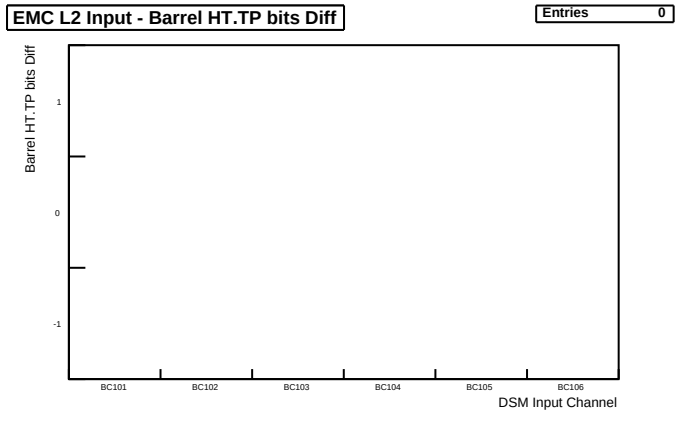

EMC L2 Input - BHT1 bits
Entries 2.215129e+07
BHT1
1
0
24654
24930
22618
23482
23005
22344
3.66723e+06
3.66735e+06
3.66926e+06
3.66839e+06
3.66388e+06
3.66804e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

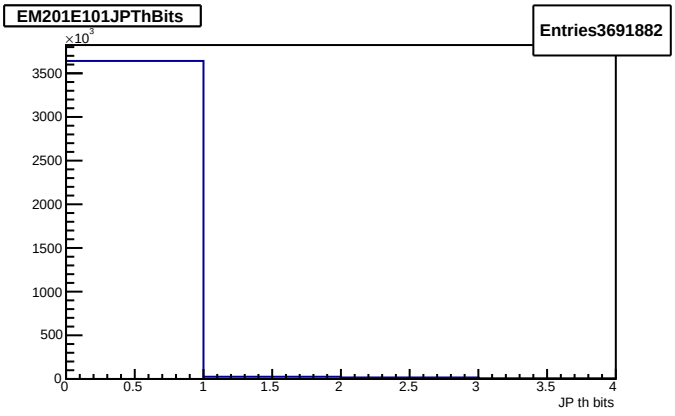

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

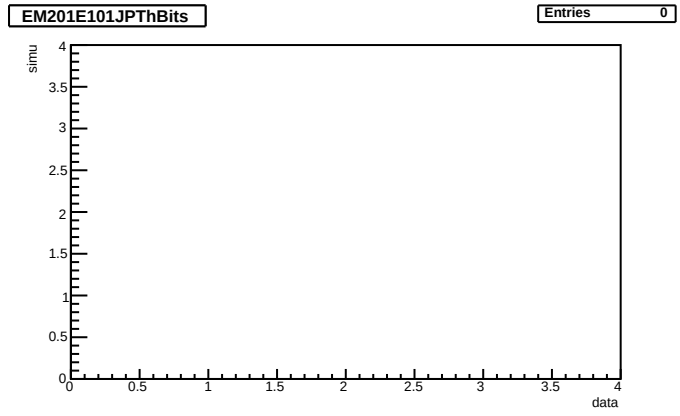

EMC L2 Input - BHT2 bits
Entries 2.215129e+07
BHT2
1
0
10585
10442
9774
10240
12208
10055
3.68134e+06
3.68144e+06
3.68211e+06
3.68164e+06
3.67988e+06
3.68183e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

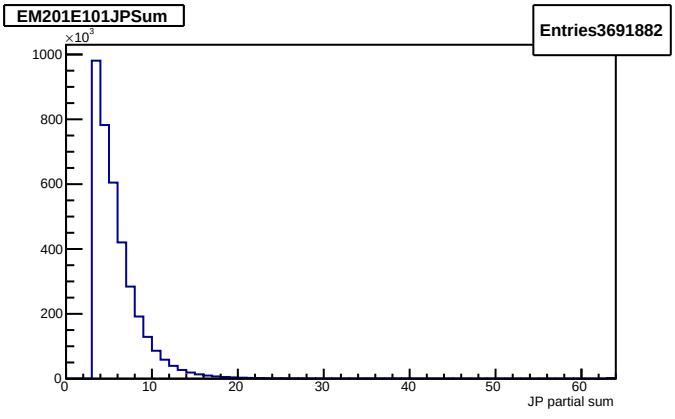

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

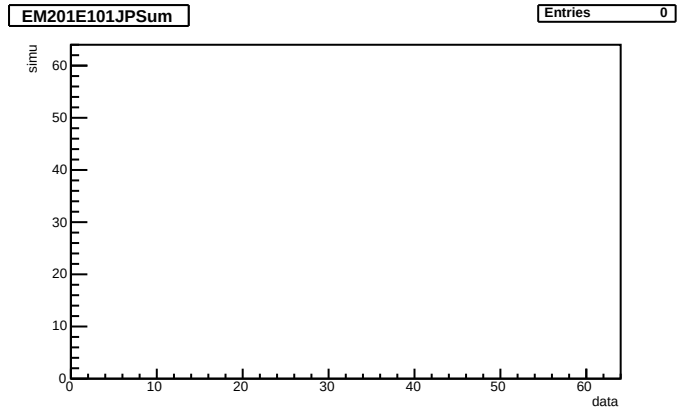

EMC L2 Input - Barrel HT.TP bits
Entries 2.215129e+07
Barrel HT.TP bits
1
0
1.05733e+06
994751
1.02823e+06
1.00137e+06
1.04775e+06
1.02304e+06
2.63455e+06
2.69713e+06
2.66265e+06
2.69302e+06
2.64413e+06
2.66884e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

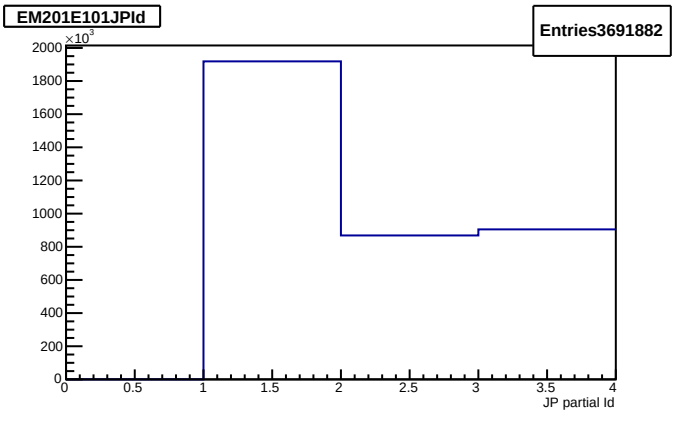

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

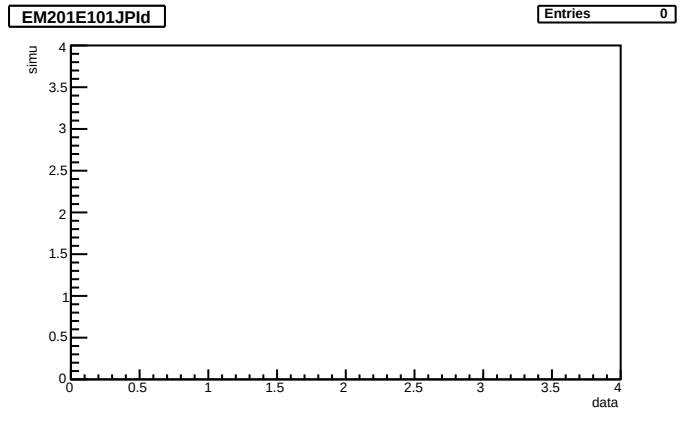

EM201E101JPThBits
Entries3691882
JP th bits

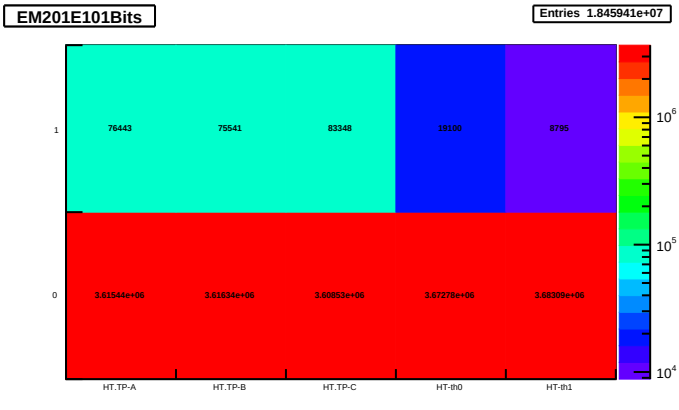

EM201E101JPThBits
Entries 0
simu
data

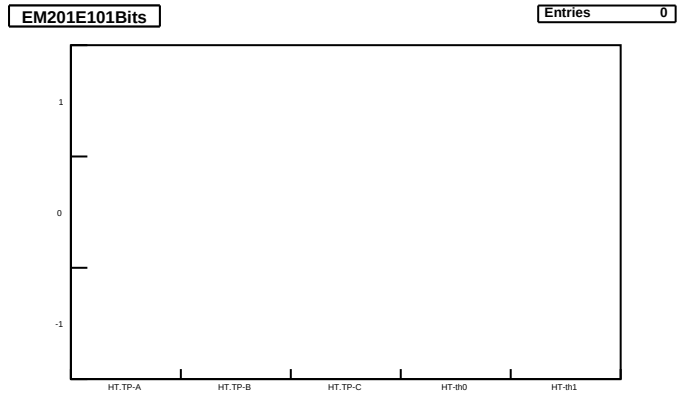

EM201E101JPSum
Entries3691882
JP partial sum

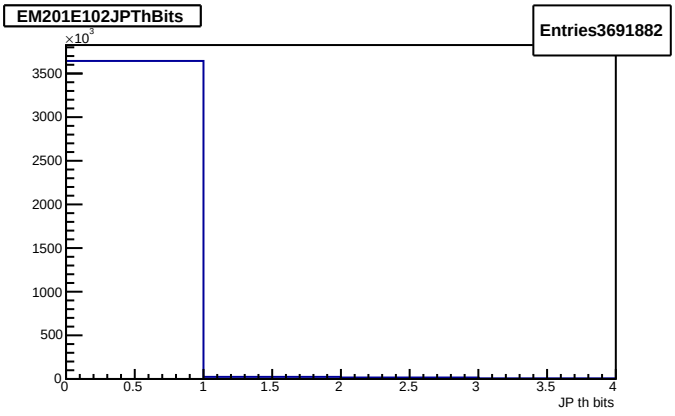

EM201E101JPSum
Entries 0
simu
data

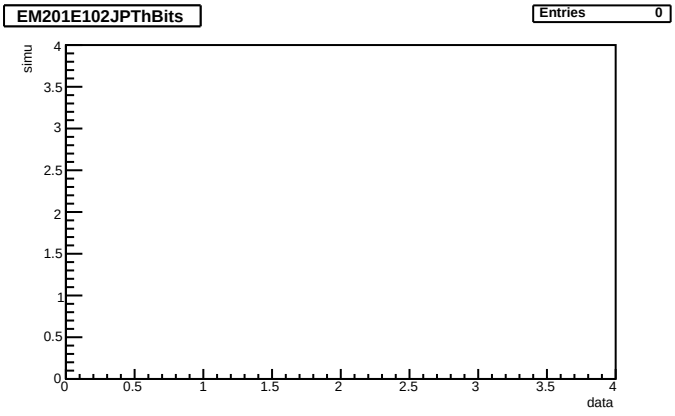

EM201E101JPId
Entries3691882
JP partial Id

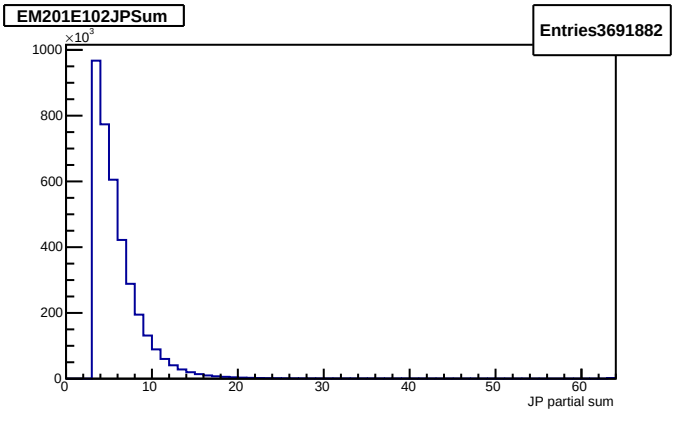

EM201E101JPId
Entries 0
simu
data

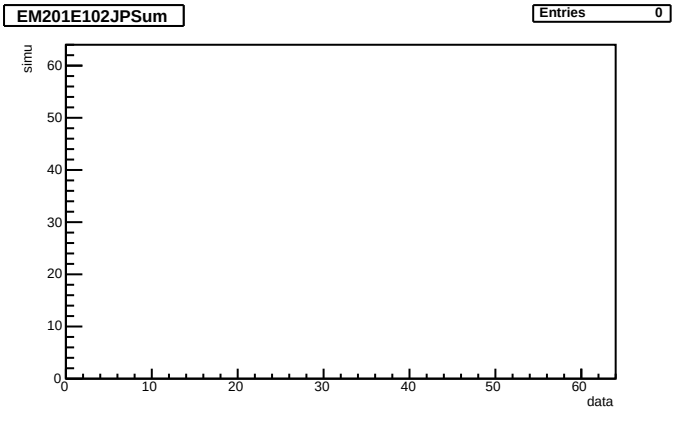

EM201E101Bits
Entries 1.845941e+07
76443
75541
83348
19100
8795
3.61544e+06
3.61634e+06
3.60853e+06
3.67278e+06
3.68309e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

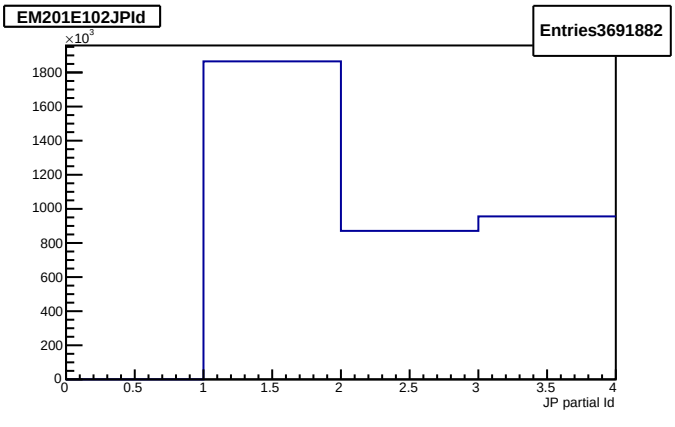

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

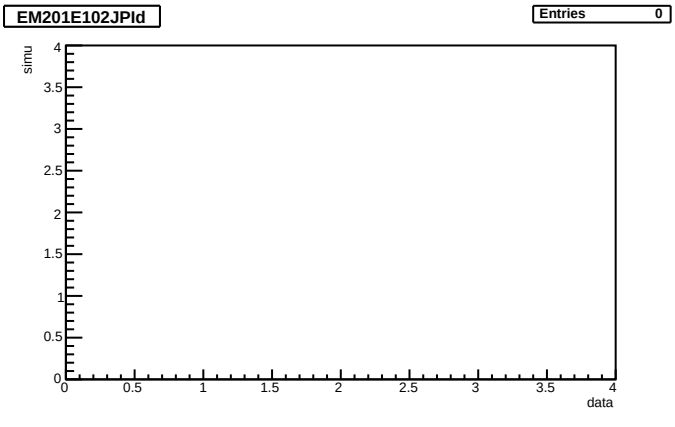

EM201E102JPThBits
Entries3691882
×10^3
JP th bits

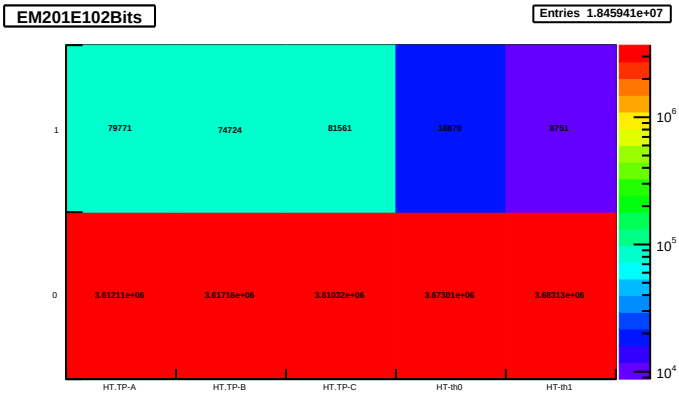

EM201E102JPThBits
Entries 0
simu
data

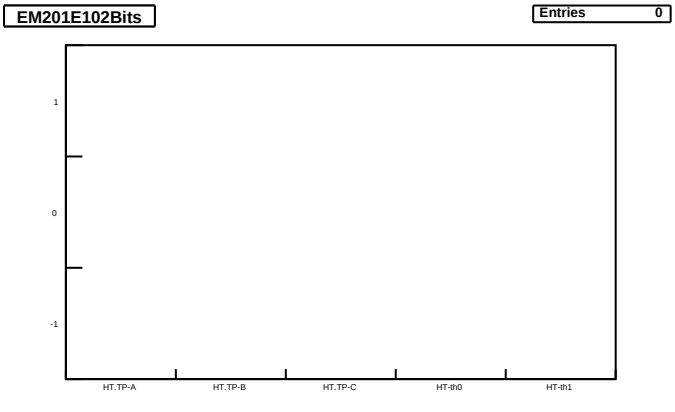

EM201E102JPSum
Entries3691882
×10^3
JP partial sum

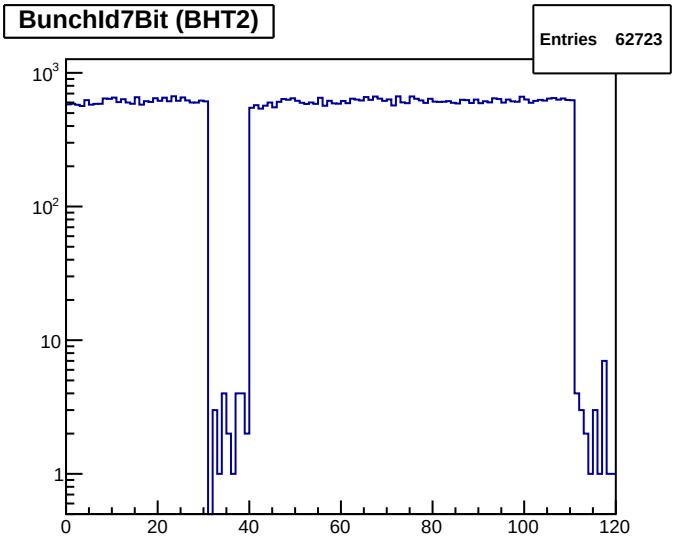

EM201E102JPSum
Entries 0
simu
data

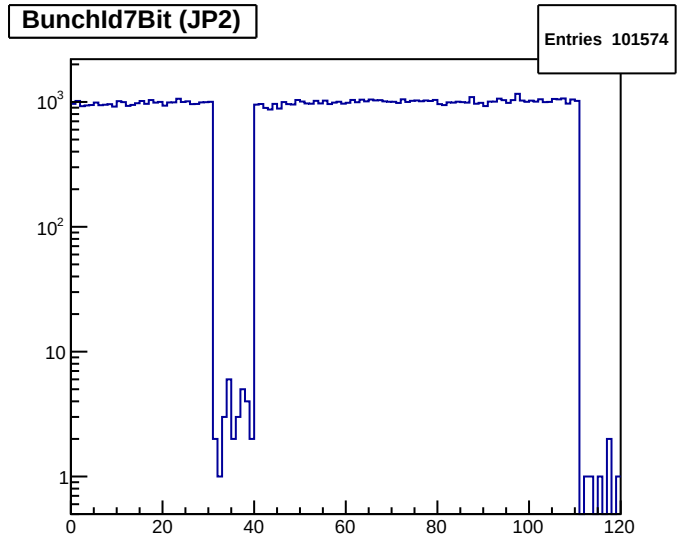

EM201E102JPId
Entries3691882
×10^3
JP partial Id

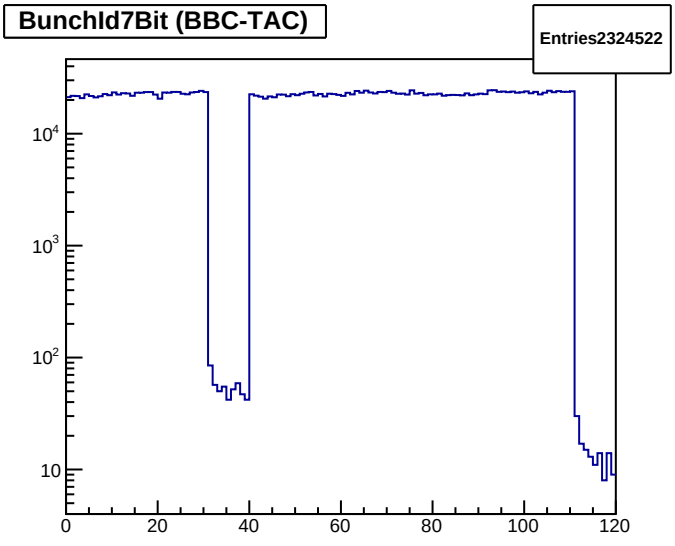

EM201E102JPId
Entries 0
simu
data

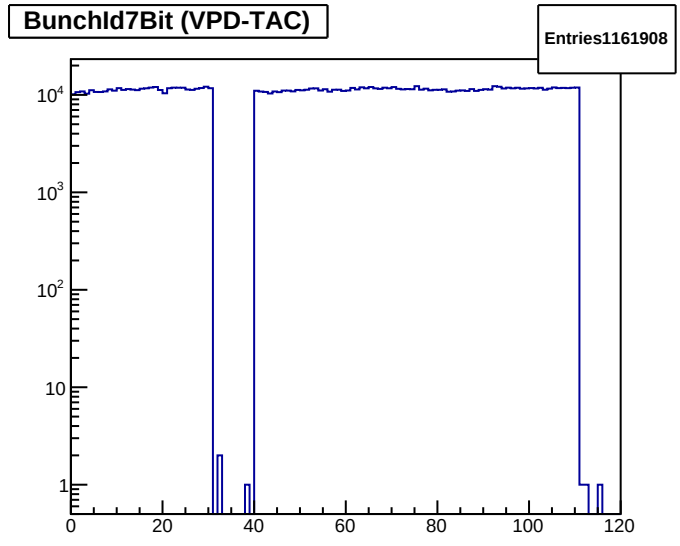

EM201E102Bits
Entries 1.845941e+07
79771
74724
81561
10870
8751
3.61211e+06
3.61716e+06
3.61032e+06
3.67301e+06
3.68313e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

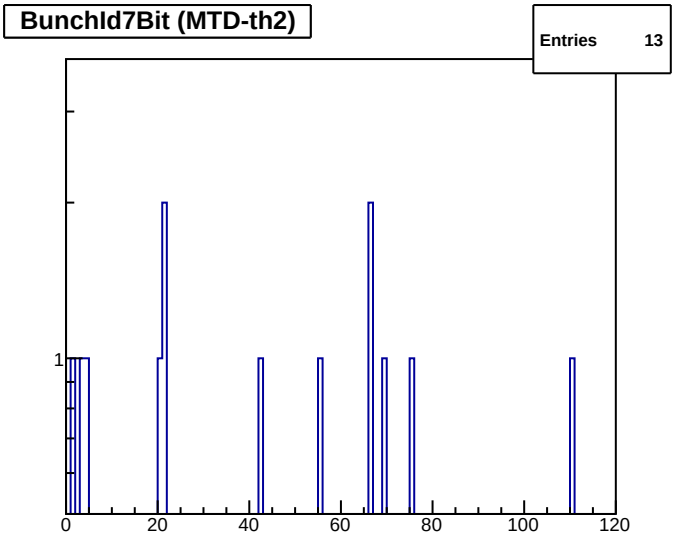

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

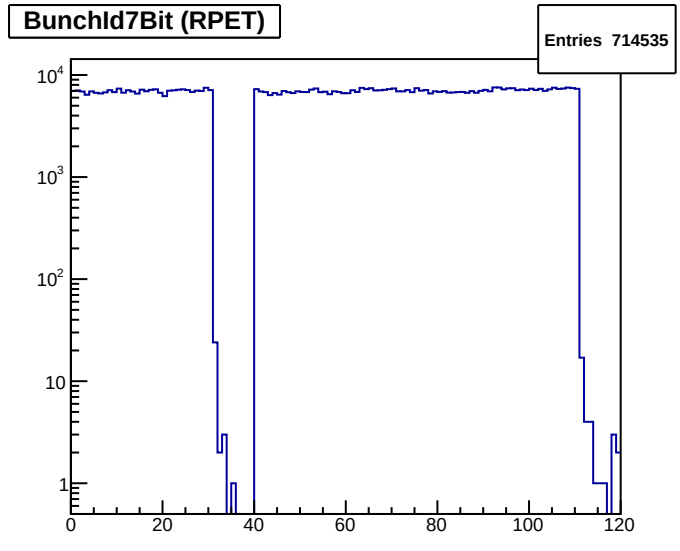

BunchId7Bit (BHT2)
Entries 62723

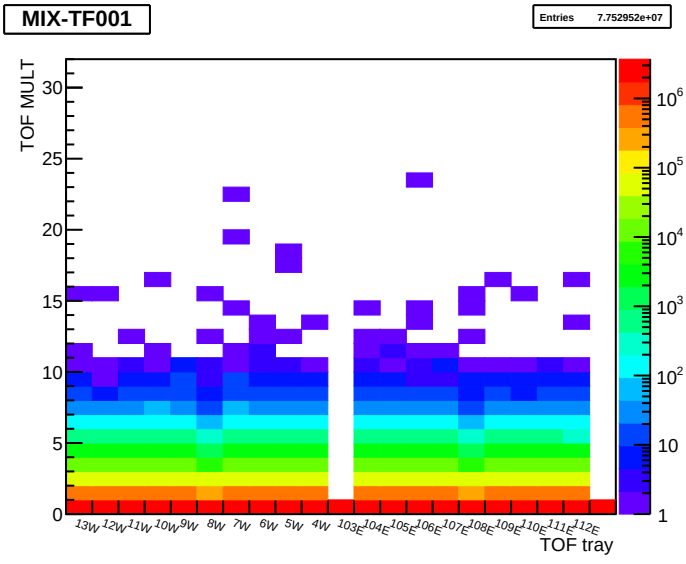

BunchId7Bit (JP2)
Entries 101574

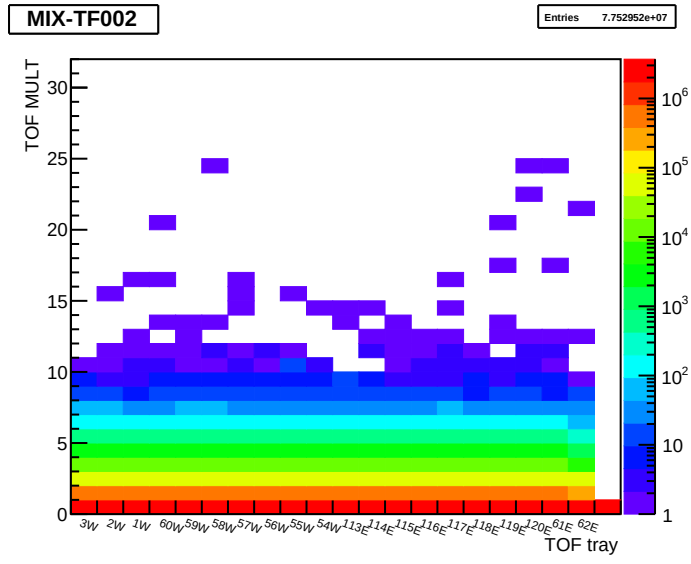

BunchId7Bit (BBC-TAC)
Entries2324522

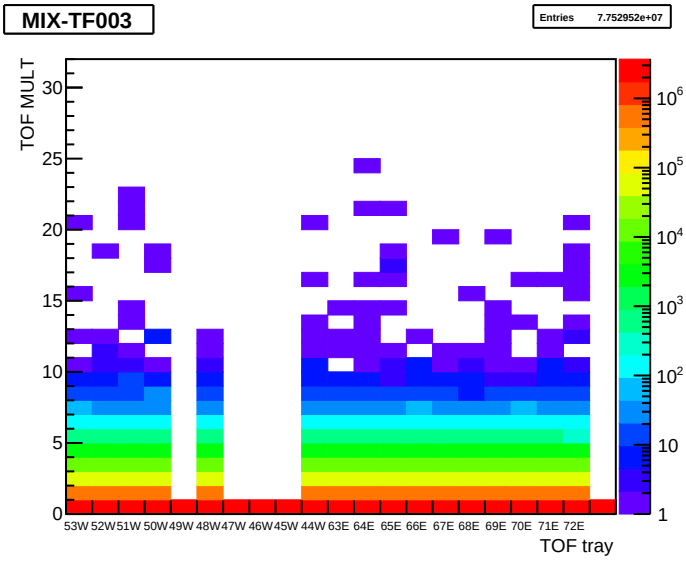

BunchId7Bit (VPD-TAC)
Entries1161908

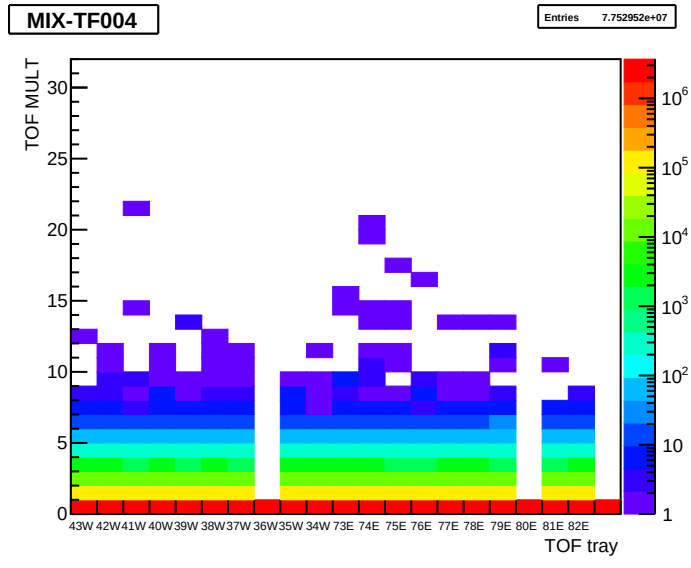

BunchId7Bit (MTD-th2)
Entries 13

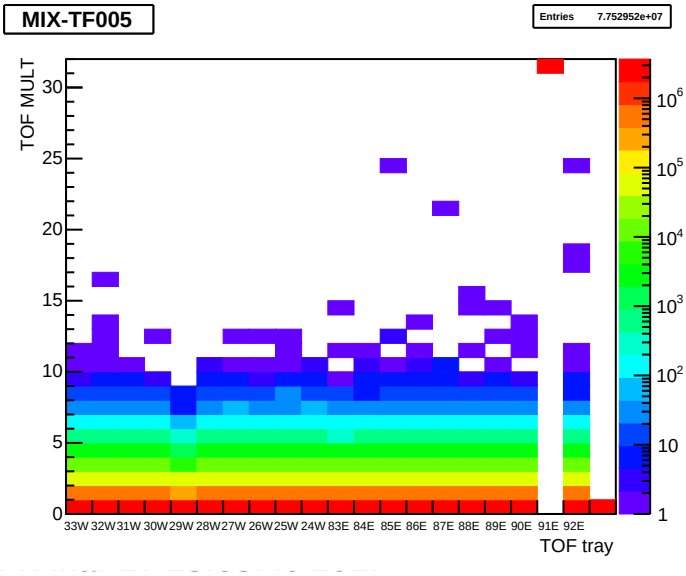

BunchId7Bit (RPET)
Entries 714535

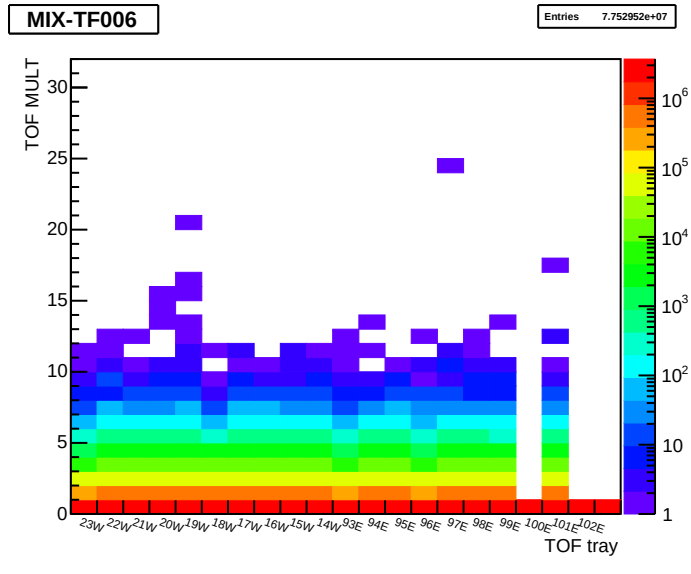

MIX-TF001
Entries 7.752952e+07
TOF MULT
TOF tray

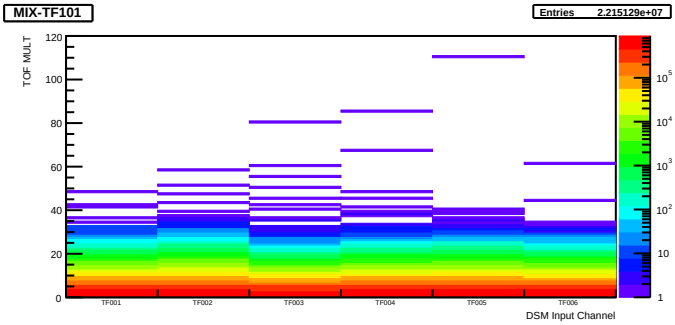

MIX-TF002
Entries 7.752952e+07
TOF MULT
TOF tray

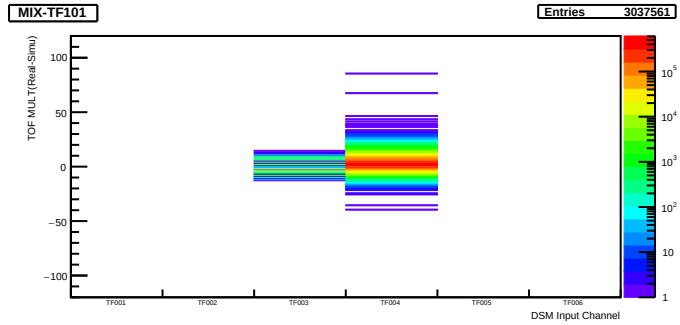

MIX-TF003
Entries 7.752952e+07
TOF MULT
TOF tray

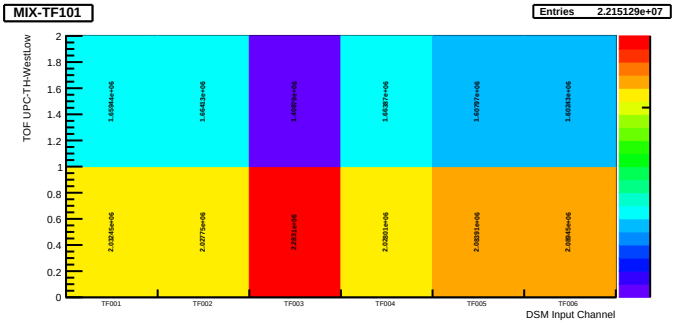

MIX-TF004
Entries 7.752952e+07
TOF MULT
TOF tray

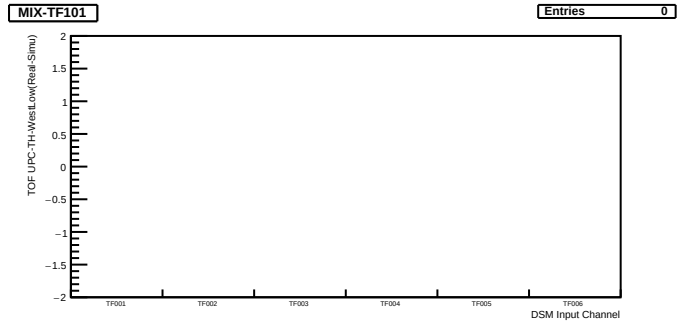

MIX-TF005
Entries 7.752952e+07
TOF MULT
TOF tray

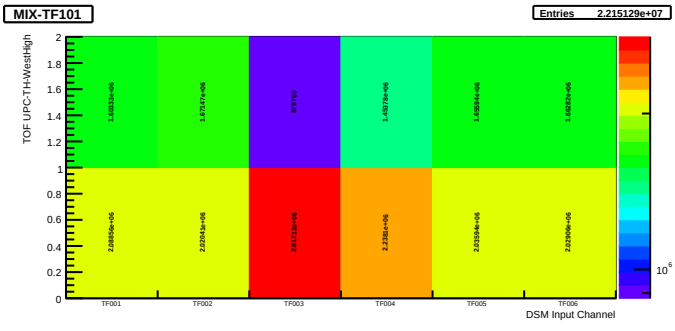

MIX-TF006
Entries 7.752952e+07
TOF MULT
TOF tray

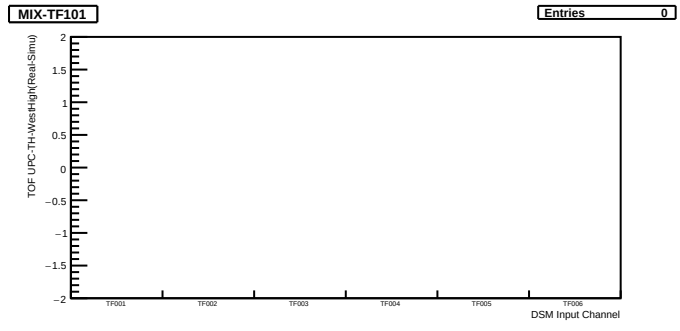

MIX-TF101
Entries 2.215129e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

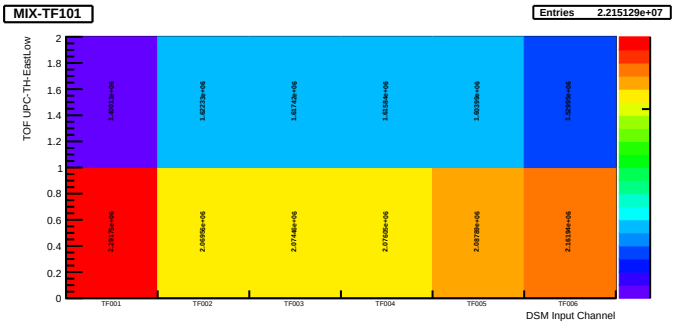

MIX-TF101
Entries 3037561
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

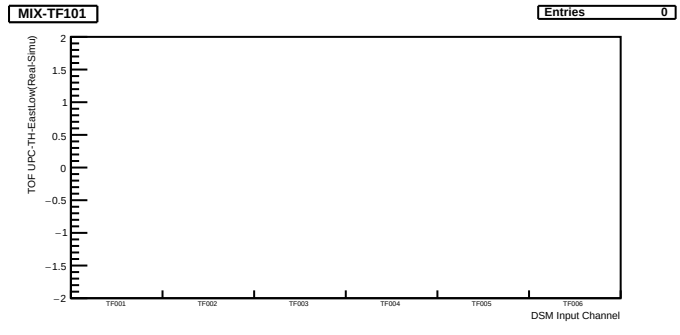

MIX-TF101
Entries 2.215129e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

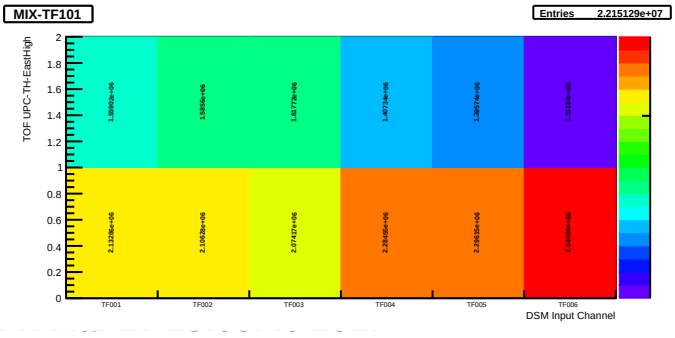

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

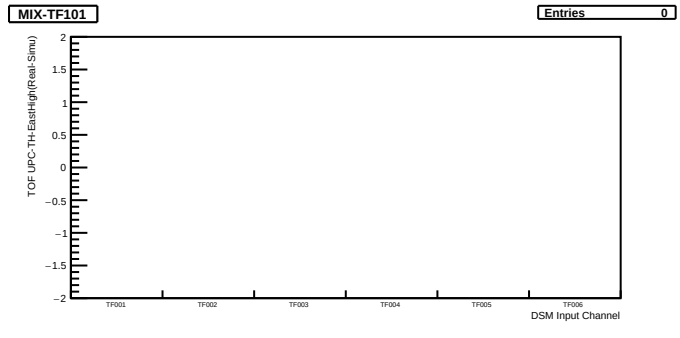

MIX-TF101
Entries 2.215129e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

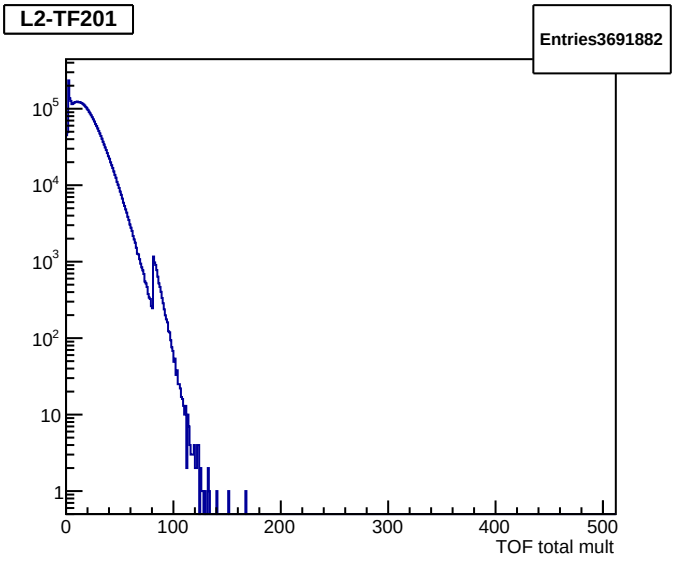

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

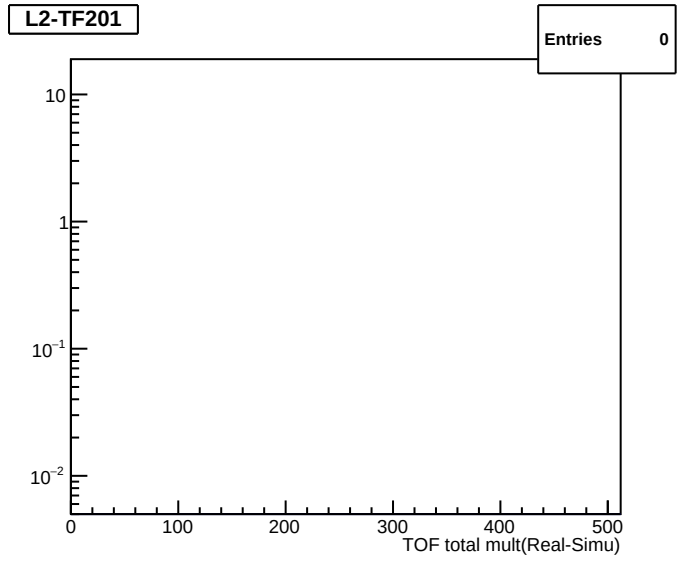

MIX-TF101
Entries 2.215129e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

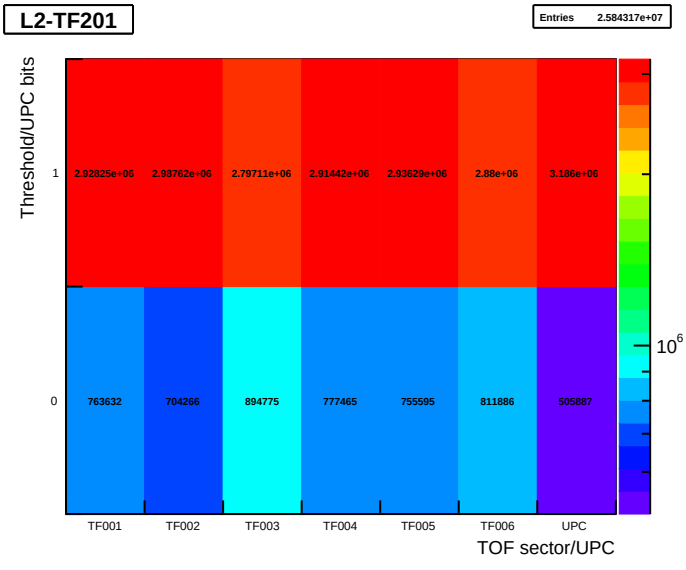

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

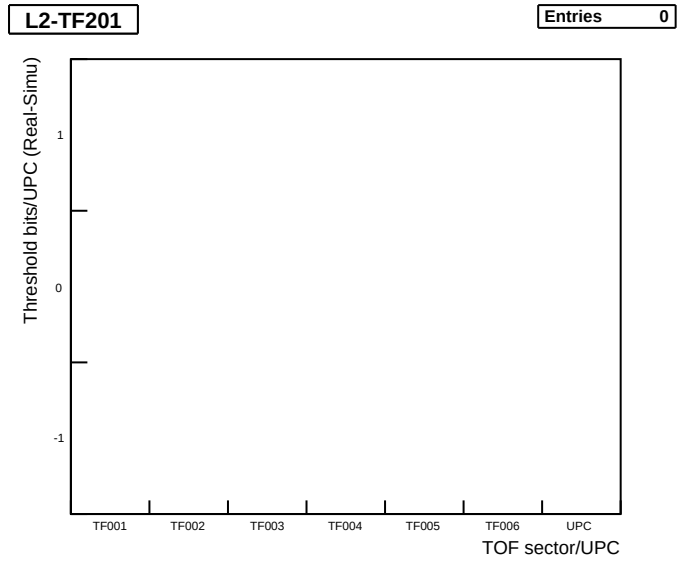

MIX-TF101
Entries 2.215129e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

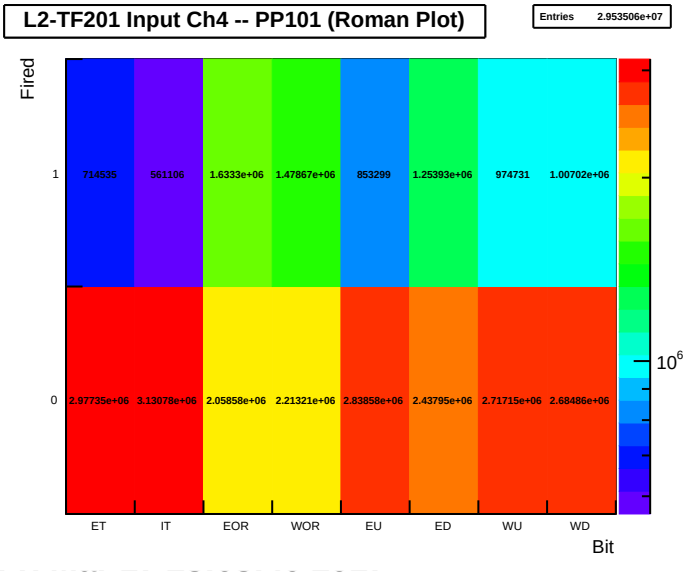

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

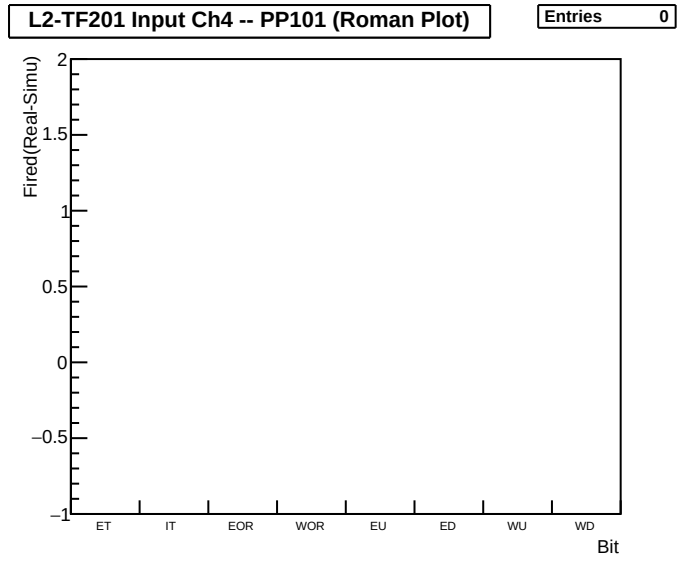

L2-TF201
Entries3691882
TOF total mult

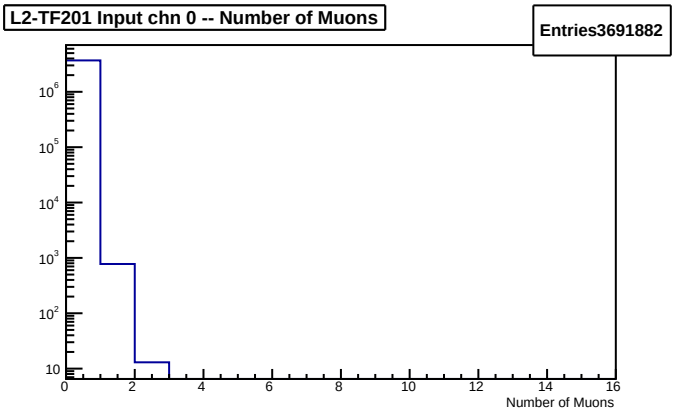

L2-TF201
Entries 0
TOF total mult(Real-Simu)

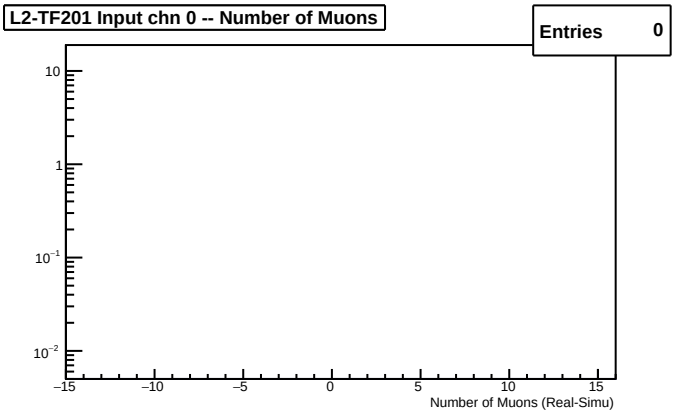

L2-TF201
Entries 2.584317e+07
Threshold/UPC bits
2.92825e+06
2.98762e+06
2.79711e+06
2.91442e+06
2.93629e+06
2.88e+06
3.186e+06
763632
704266
894775
777465
755595
811886
505887
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

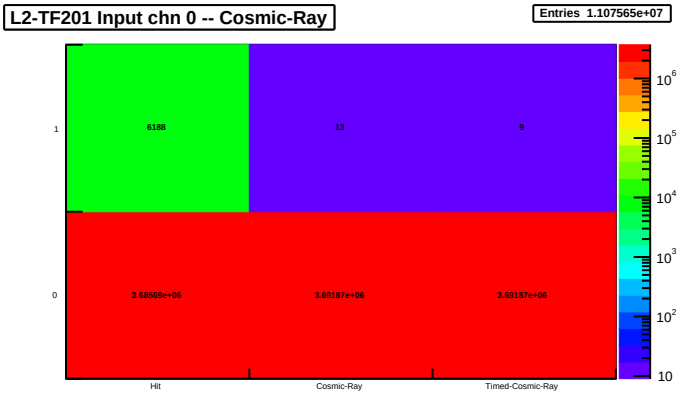

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

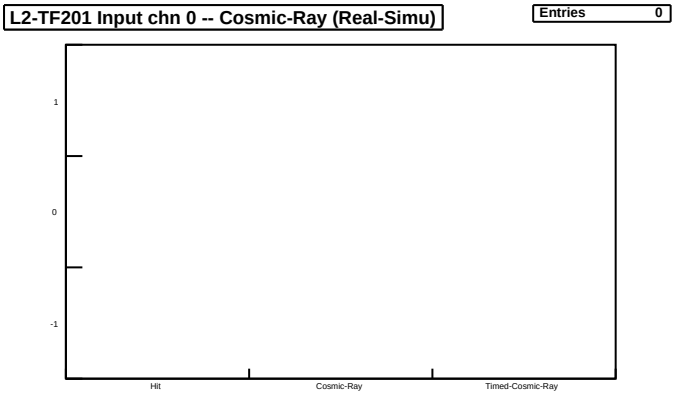

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.953506e+07
Fired
714535
561106
1.6333e+06
1.47867e+06
853299
1.25393e+06
974731
1.00702e+06
2.97735e+06
3.13078e+06
2.05858e+06
2.21321e+06
2.83858e+06
2.43795e+06
2.71715e+06
2.68486e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

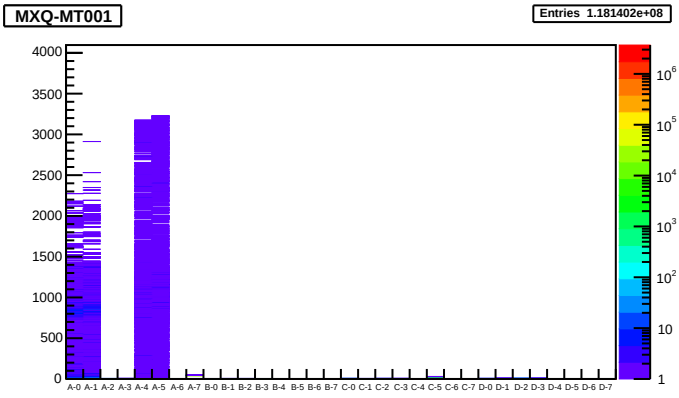

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

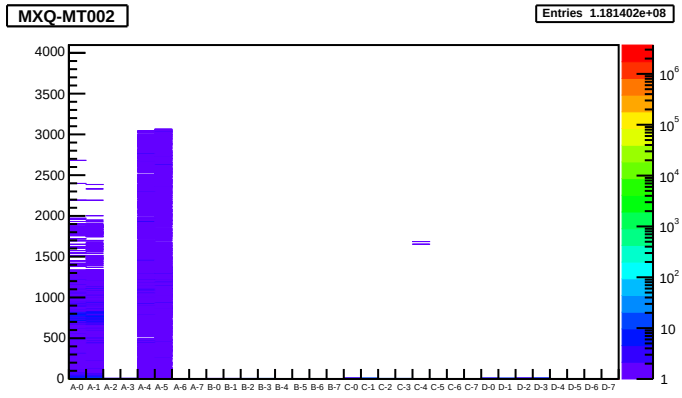

L2-TF201 Input chn 0 -- Number of Muons
Entries3691882
Number of Muons

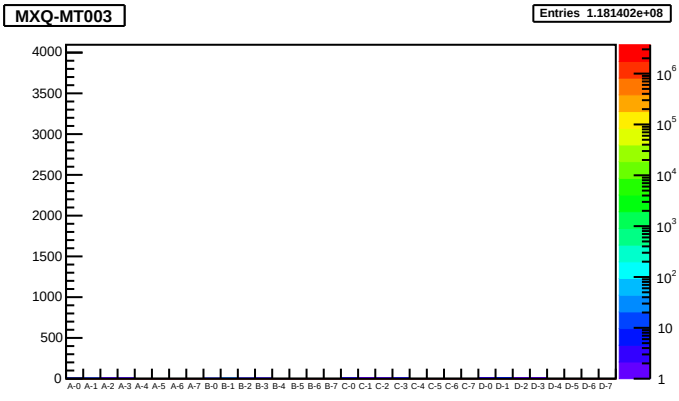

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

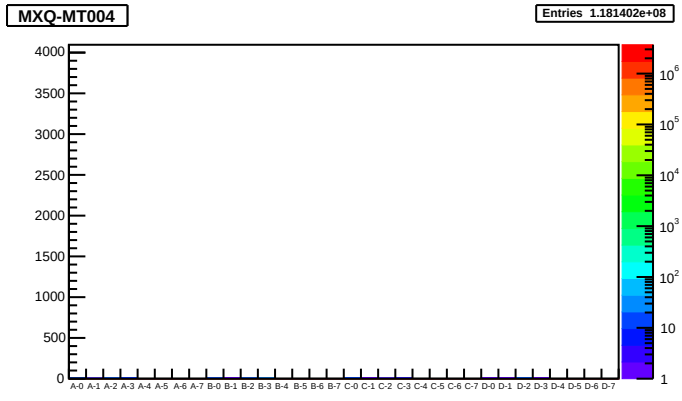

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.107565e+07
6188
13
9
3.68569e+06
3.69187e+06
3.69187e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

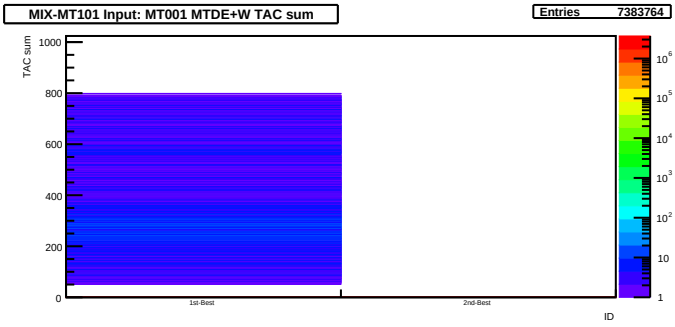

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

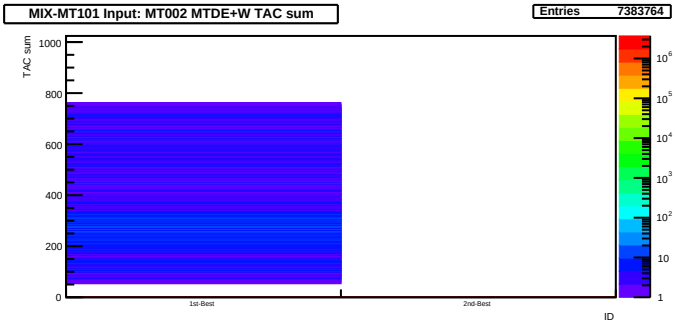

MXQ-MT001
Entries 1.181402e+08

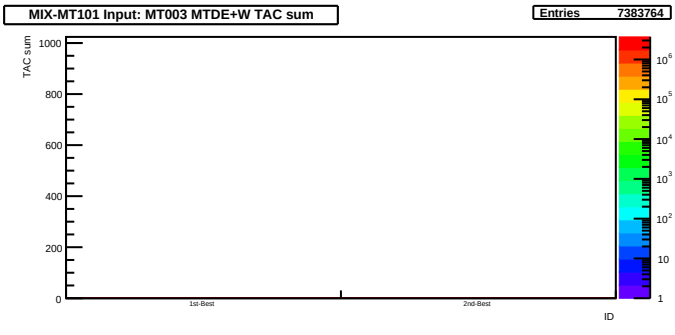

MXQ-MT002
Entries 1.181402e+08

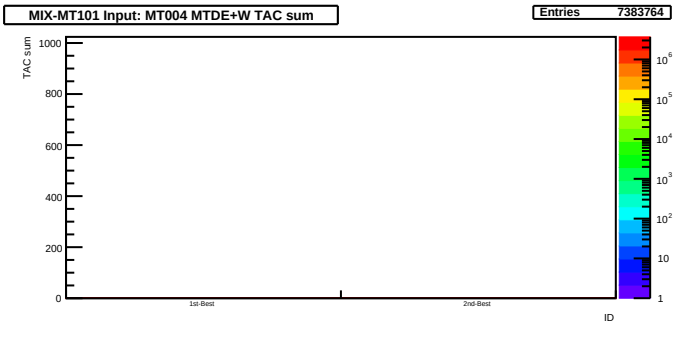

MXQ-MT003
Entries 1.181402e+08

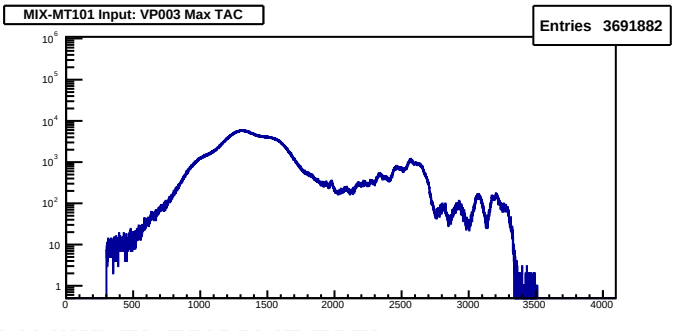

MXQ-MT004
Entries 1.181402e+08

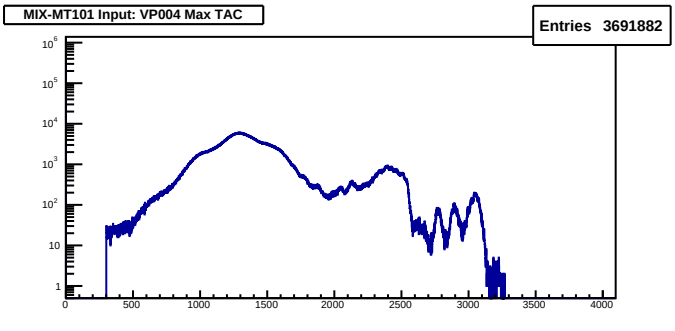

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 7383764
TAC sum
1st-Best
2nd-Best
ID

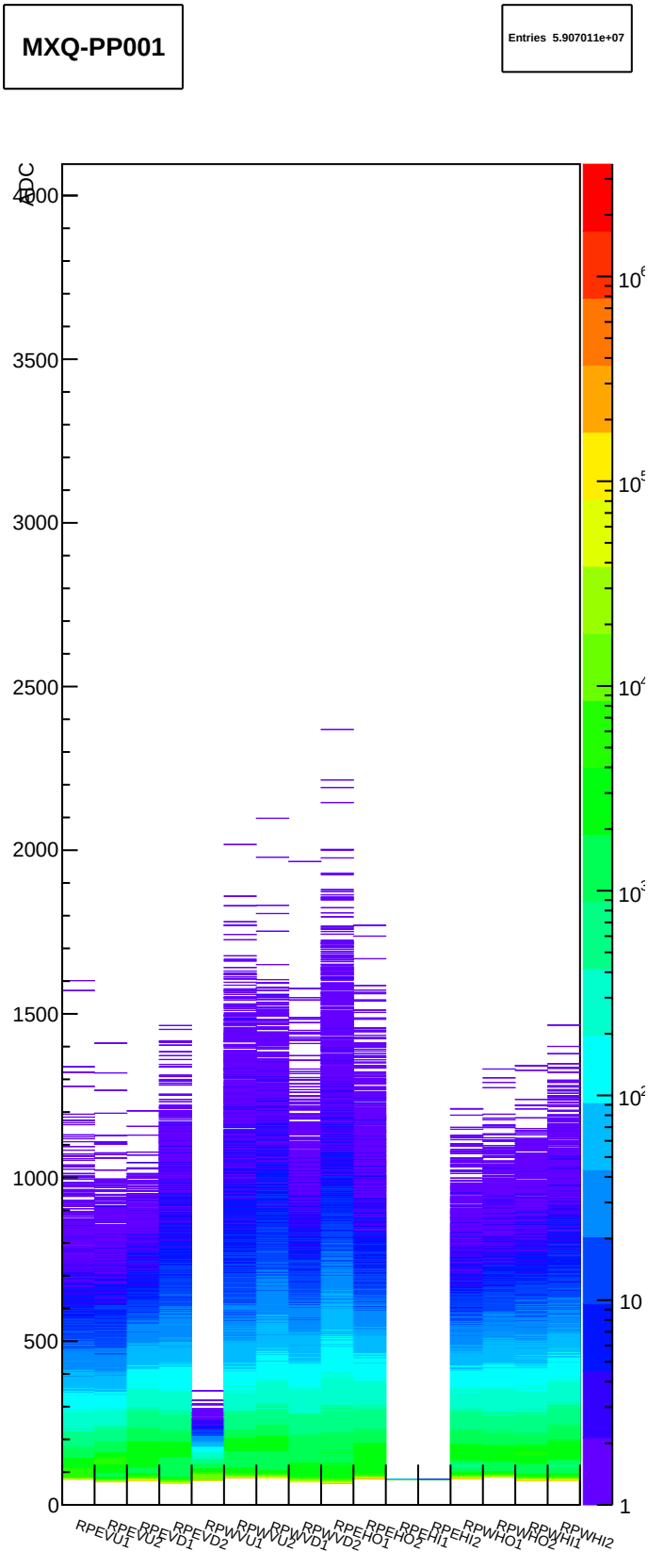

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 7383764
TAC sum
1st-Best
2nd-Best
ID

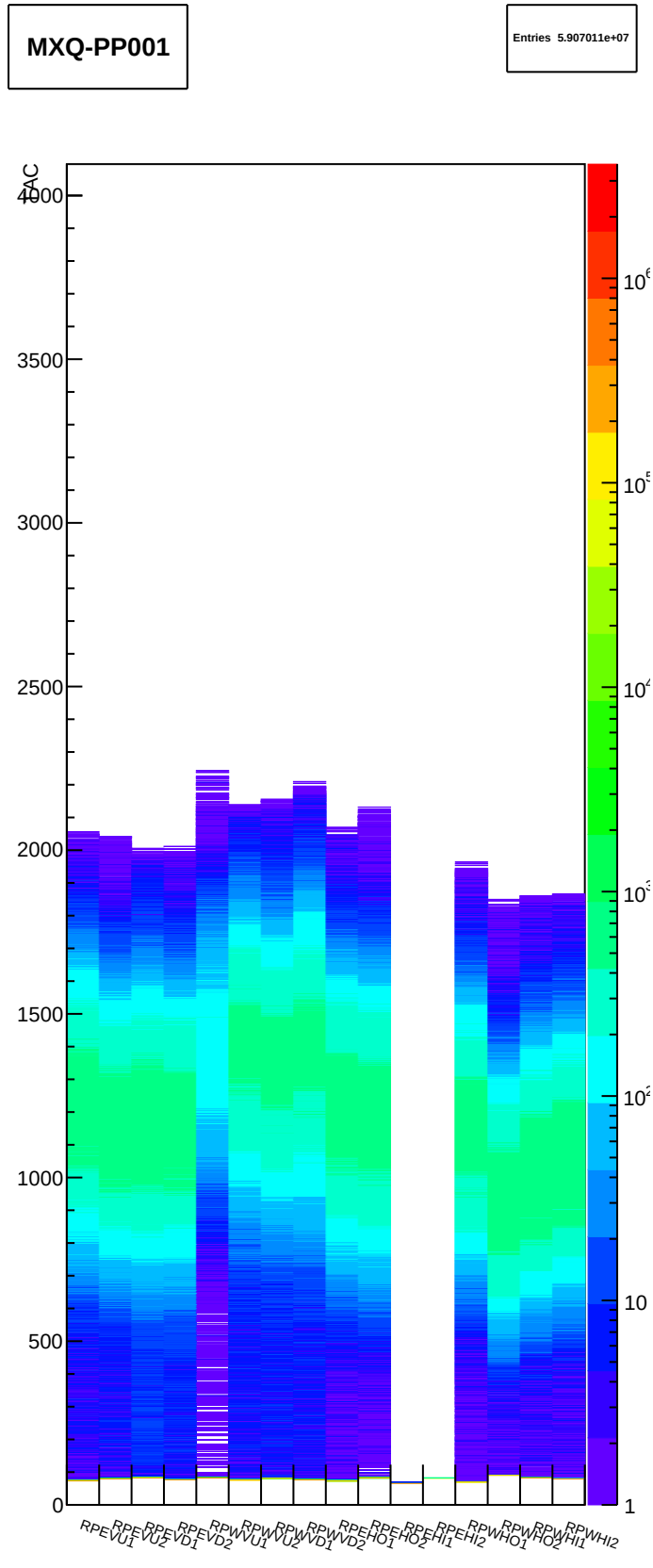

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 7383764
TAC sum
1st-Best
2nd-Best
ID

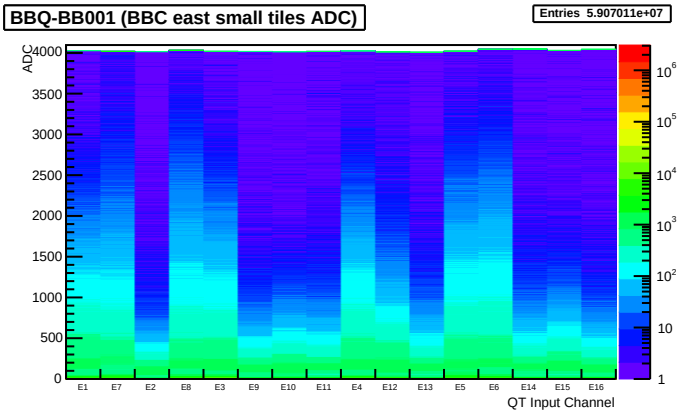

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 7383764
TAC sum
1st-Best
2nd-Best
ID

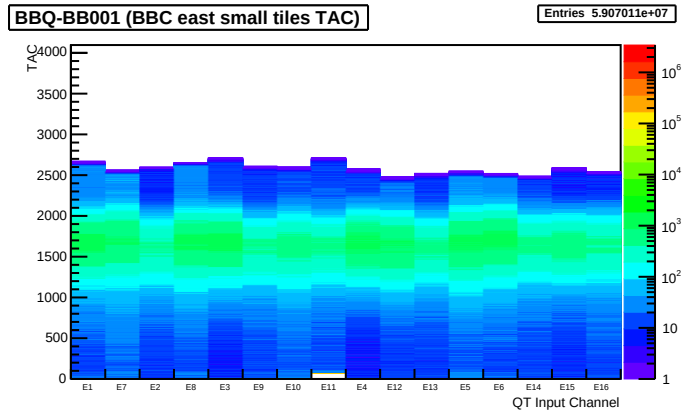

MIX-MT101 Input: VP003 Max TAC
Entries 3691882

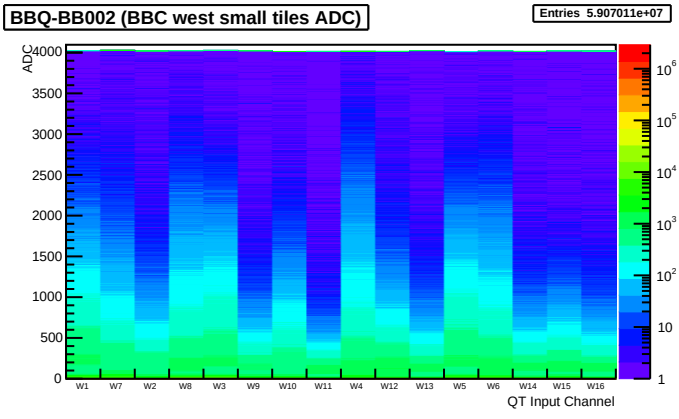

MIX-MT101 Input: VP004 Max TAC
Entries 3691882

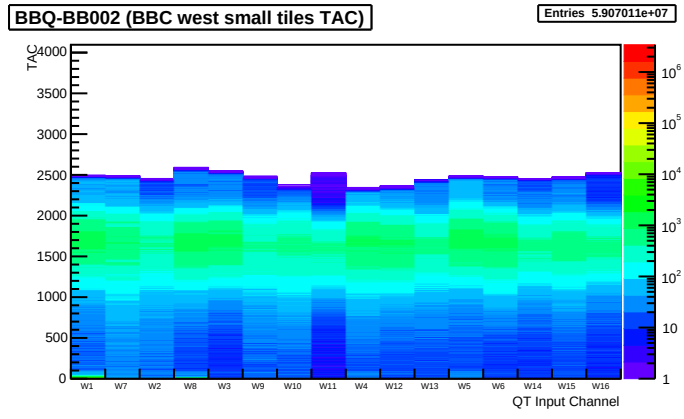

MXQ-PP001
Entries 5.907011e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

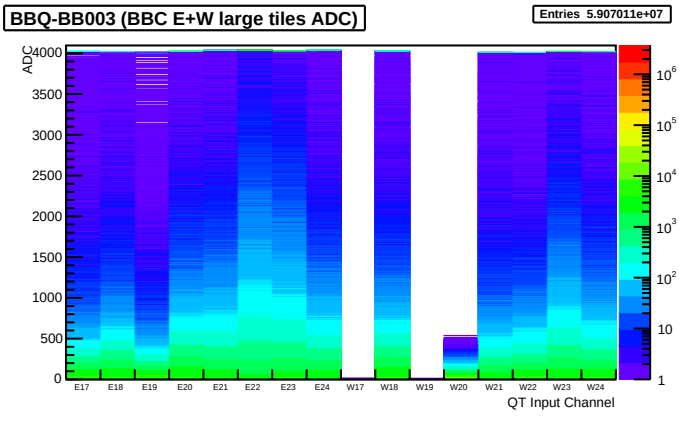

MXQ-PP001
Entries 5.907011e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

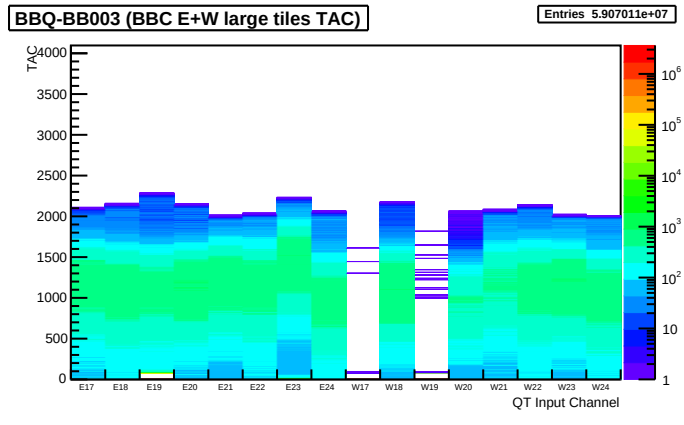

BBQ-BB001 (BBC east small tiles ADC)
Entries 5.907011e+07
ADC
QT Input Channel

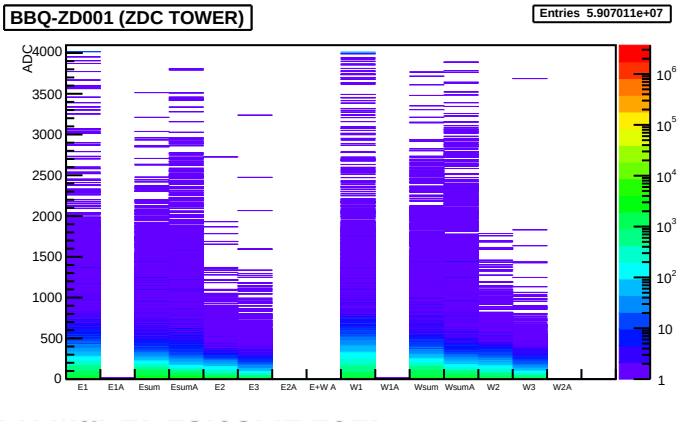

BBQ-BB001 (BBC east small tiles TAC)
Entries 5.907011e+07
TAC
QT Input Channel

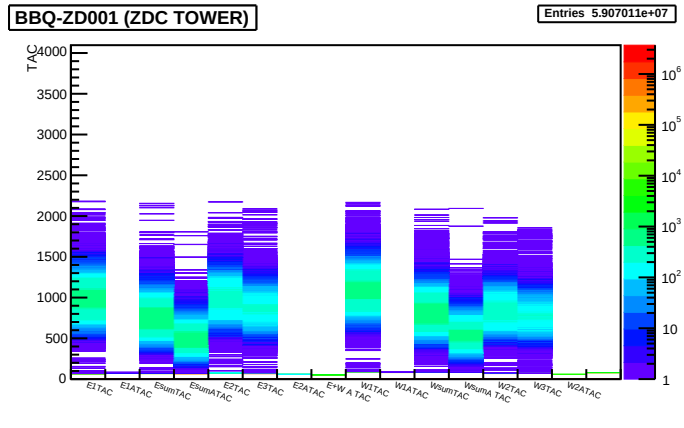

BBQ-BB002 (BBC west small tiles ADC)
Entries 5.907011e+07
ADC
QT Input Channel

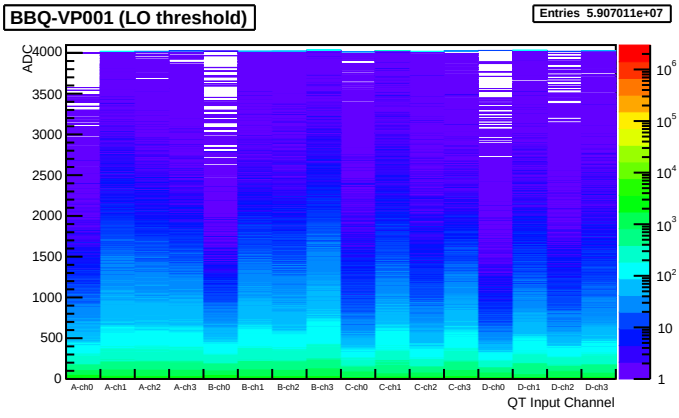

BBQ-BB002 (BBC west small tiles TAC)
Entries 5.907011e+07
TAC
QT Input Channel

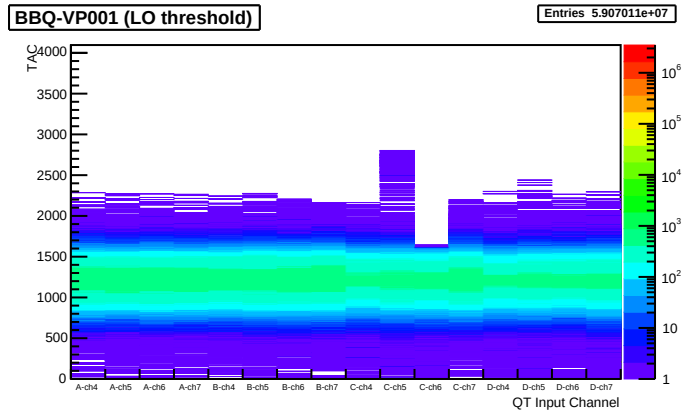

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.907011e+07
ADC
QT Input Channel

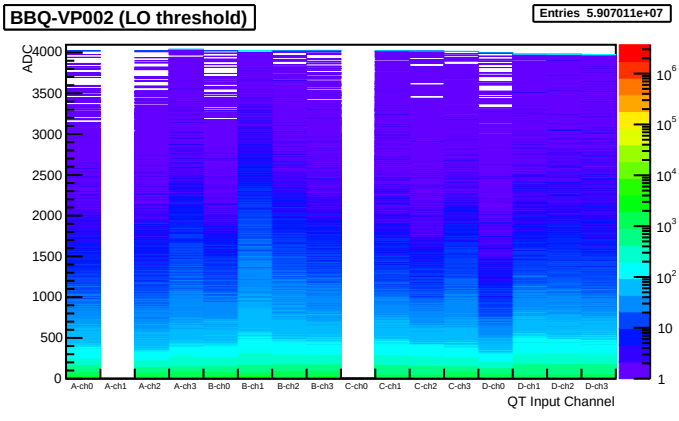

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.907011e+07
TAC
QT Input Channel

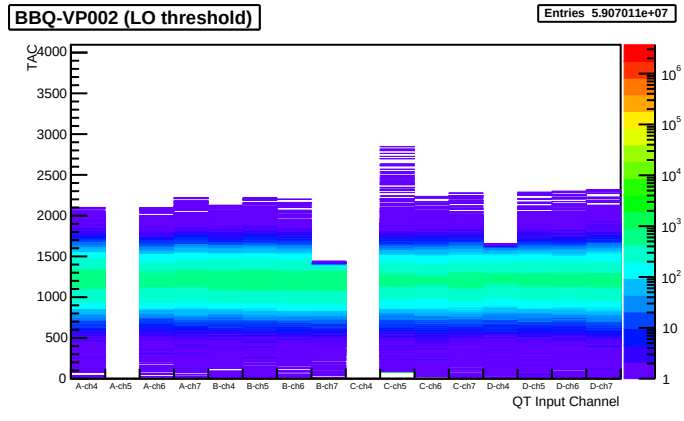

BBQ-ZD001 (ZDC TOWER)
Entries 5.907011e+07
ADC

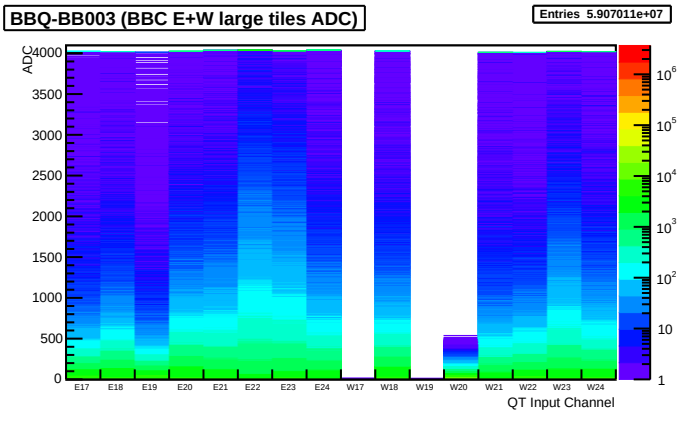

BBQ-ZD001 (ZDC TOWER)
Entries 5.907011e+07
TAC

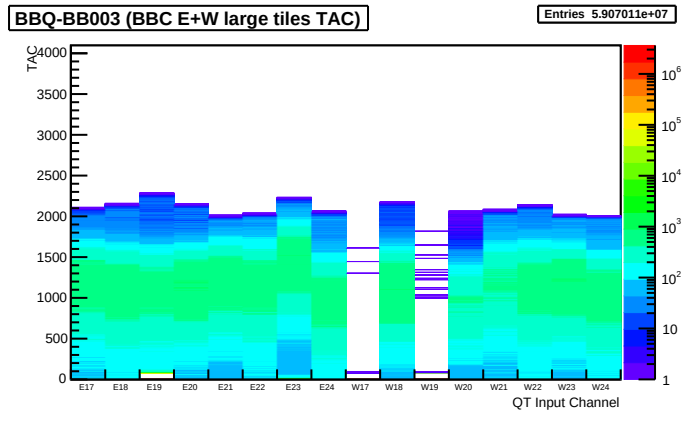

BBQ-VP001 (LO threshold)
Entries 5.907011e+07
ADC
QT Input Channel

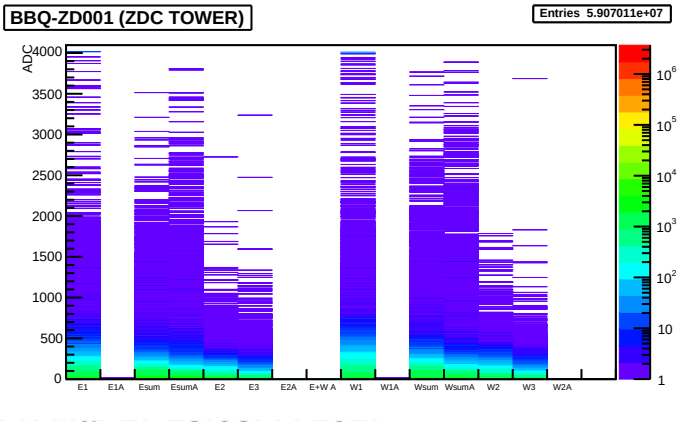

BBQ-VP001 (LO threshold)
Entries 5.907011e+07
TAC
QT Input Channel

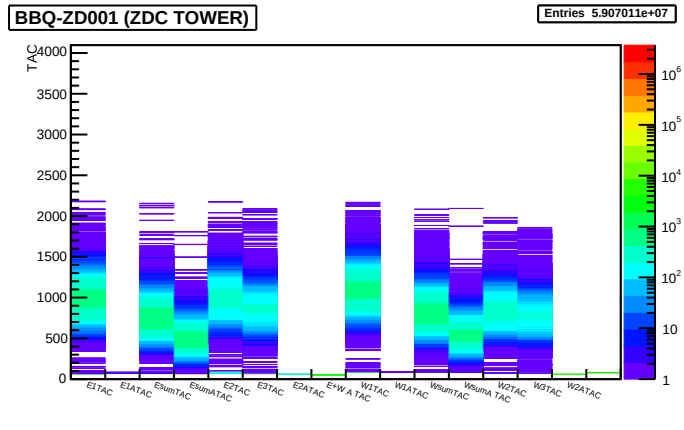

BBQ-VP002 (LO threshold)
Entries 5.907011e+07
ADC
QT Input Channel

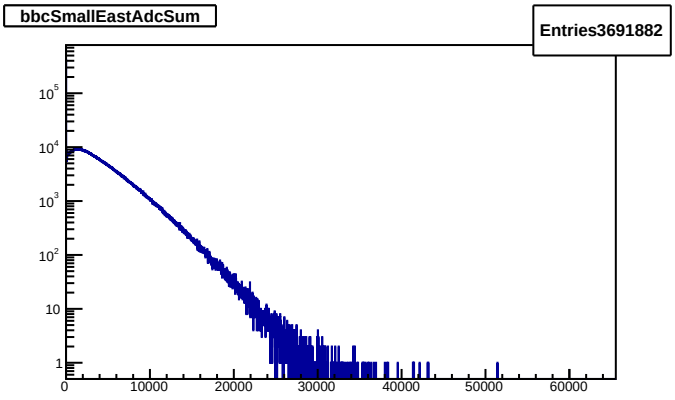

BBQ-VP002 (LO threshold)
Entries 5.907011e+07
TAC
QT Input Channel

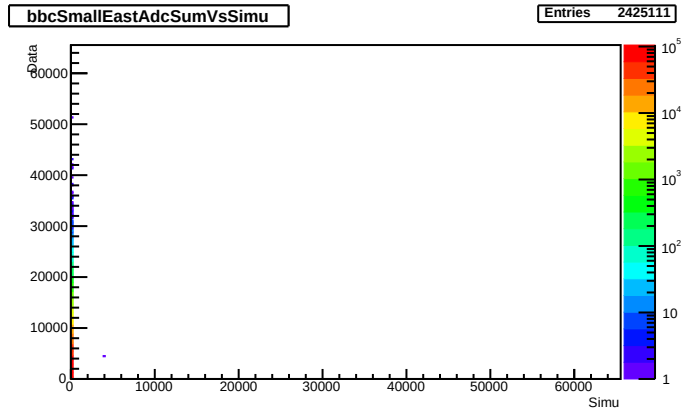

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.907011e+07
ADC
QT Input Channel

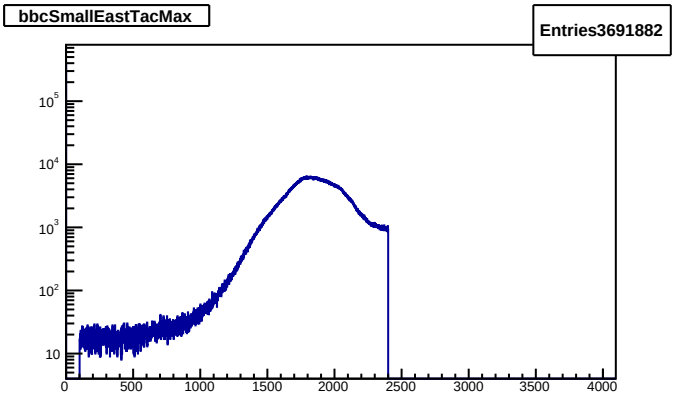

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.907011e+07
TAC
QT Input Channel

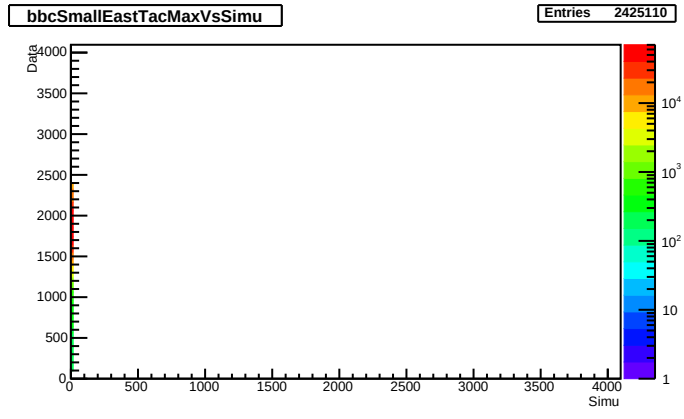

BBQ-ZD001 (ZDC TOWER)
Entries 5.907011e+07
ADC

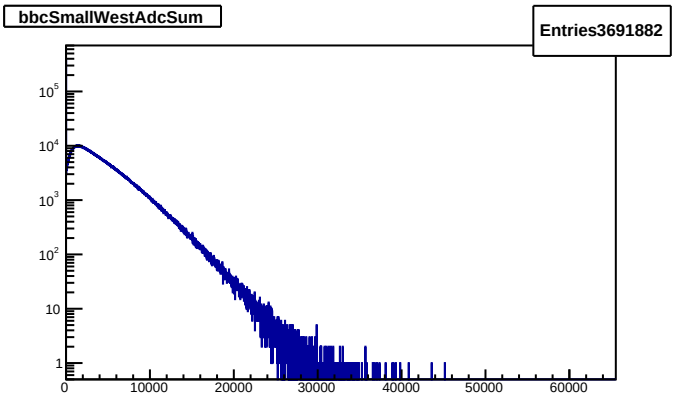

BBQ-ZD001 (ZDC TOWER)
Entries 5.907011e+07
TAC

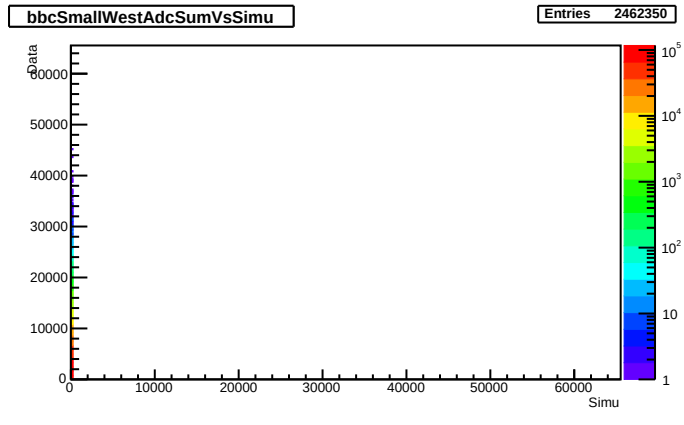

bbcSmallEastAdcSum
Entries3691882

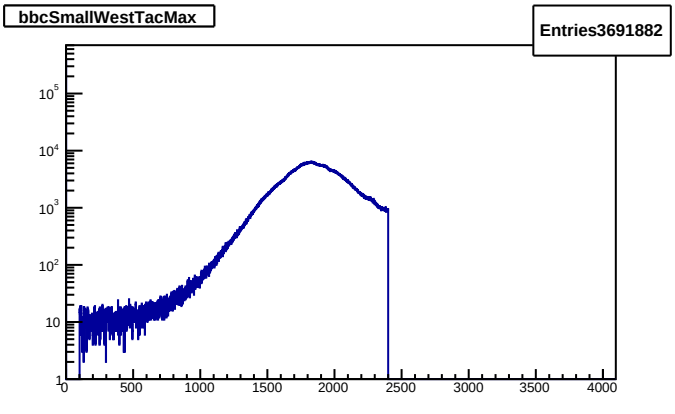

bbcSmallEastAdcSumVsSimu
Entries 2425111
Data
Simu

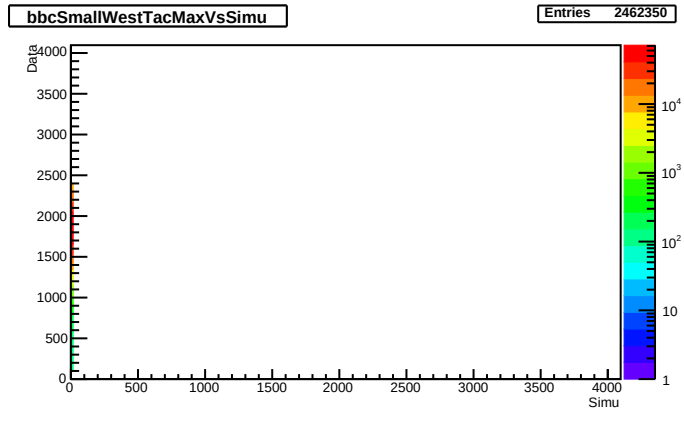

bbcSmallEastTacMax
Entries3691882

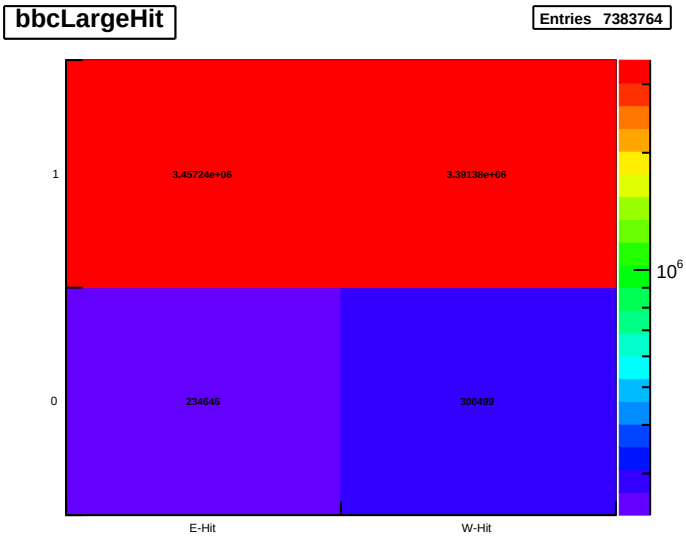

bbcSmallEastTacMaxVsSimu
Entries 2425110
Data
Simu

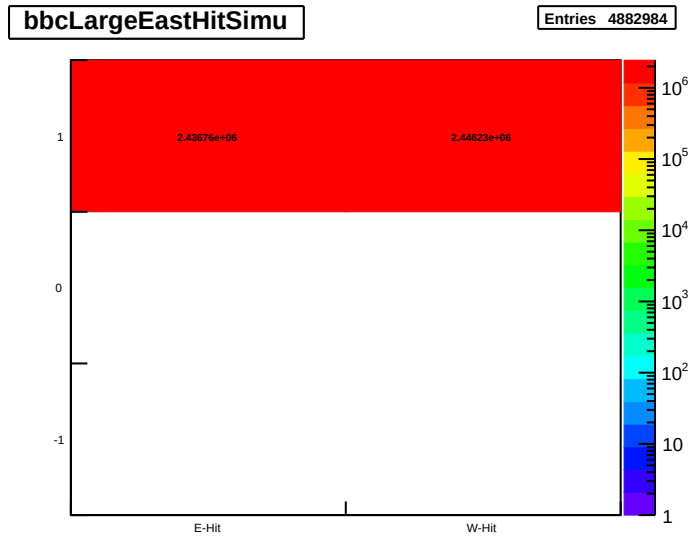

bbcSmallWestAdcSum
Entries3691882

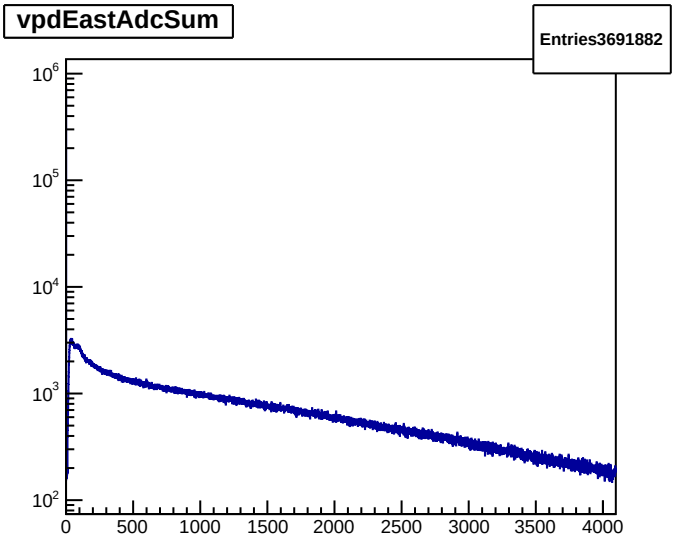

bbcSmallWestAdcSumVsSimu
Entries 2462350
Data
Simu

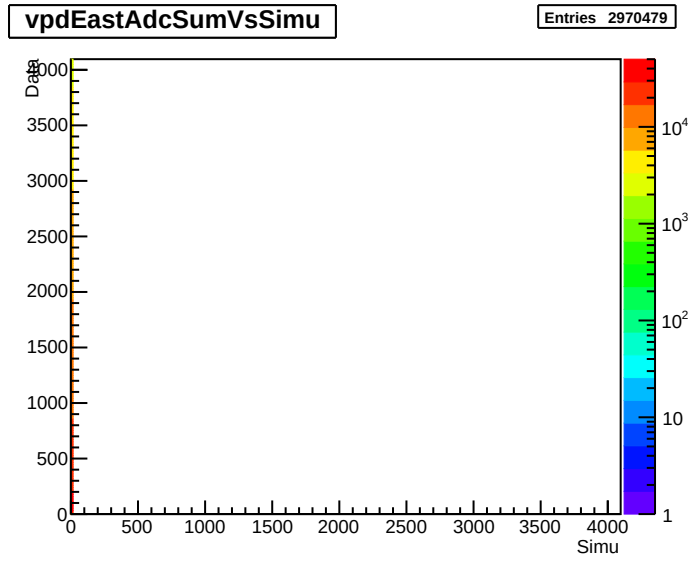

bbcSmallWestTacMax
Entries3691882

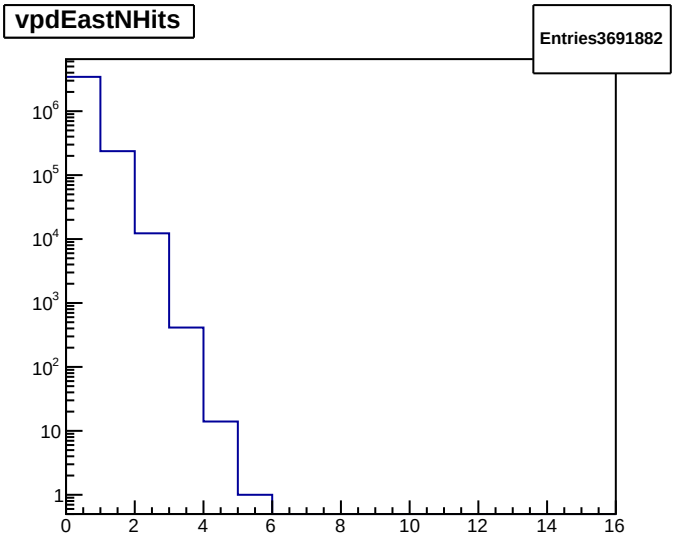

bbcSmallWestTacMaxVsSimu
Entries 2462350
Data
Simu

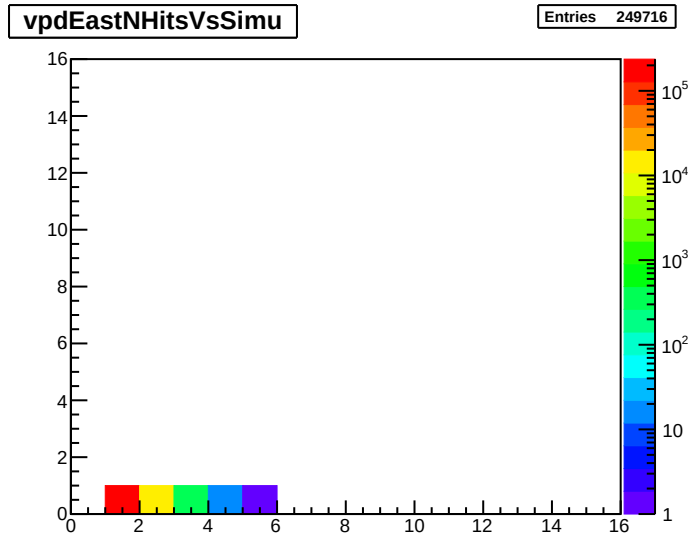

bbcLargeHit
Entries 7383764
1
0
3.45724e+06
3.39138e+06
234646
300499
E-Hit
W-Hit
10^6

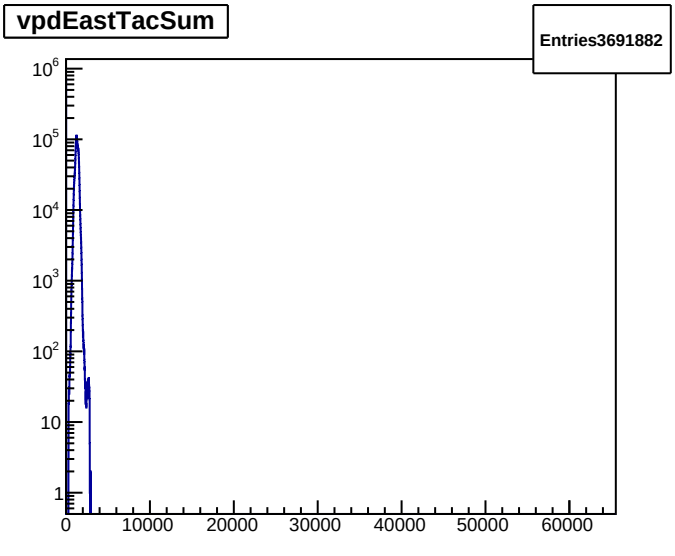

bbcLargeEastHitSimu
Entries 4882984
1
0
-1
2.43676e+06
2.44623e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

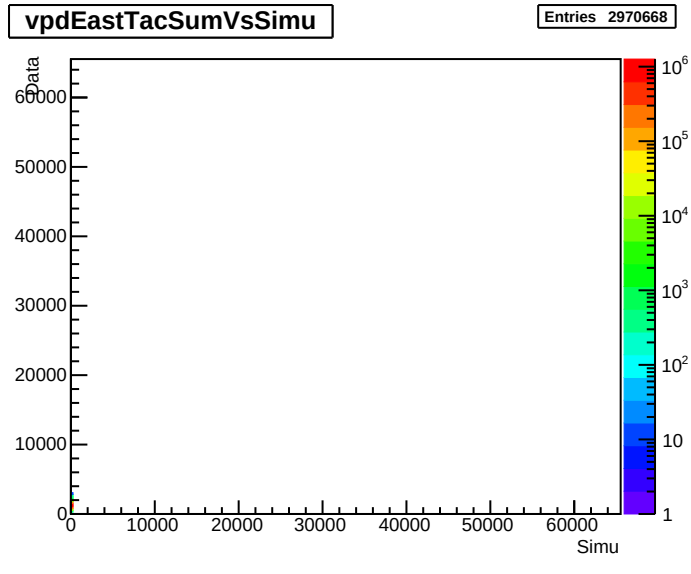

vpdEastAdcSum
Entries3691882

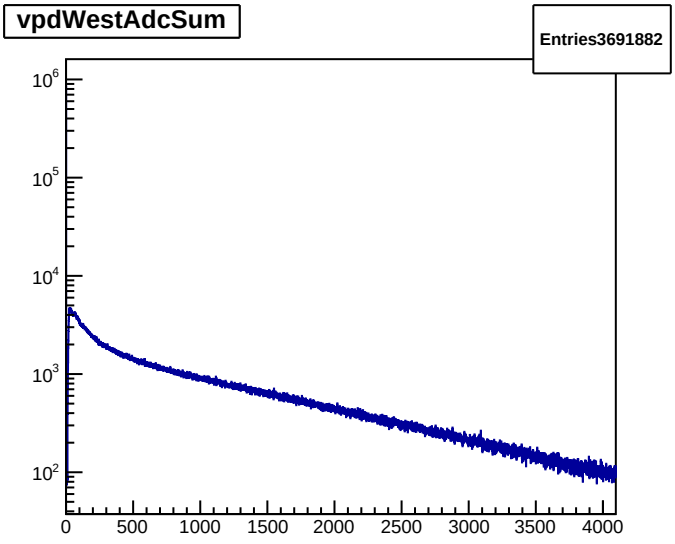

vpdEastAdcSumVsSimu
Entries 2970479
Data
Simu

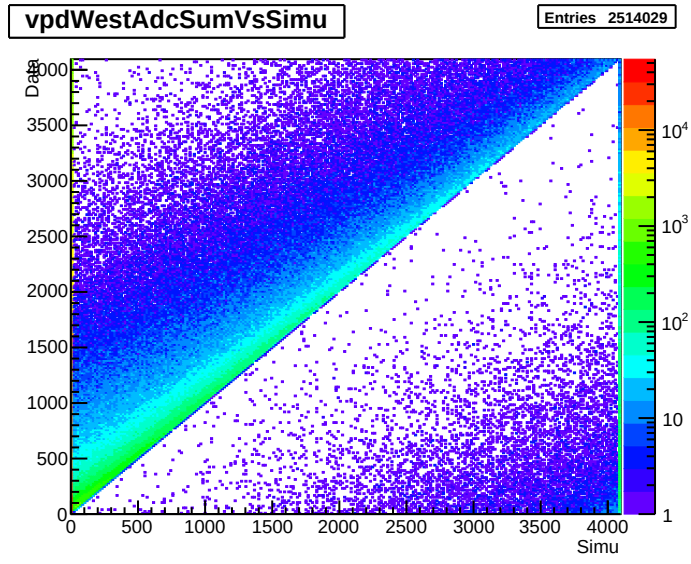

vpdEastNHits
Entries3691882

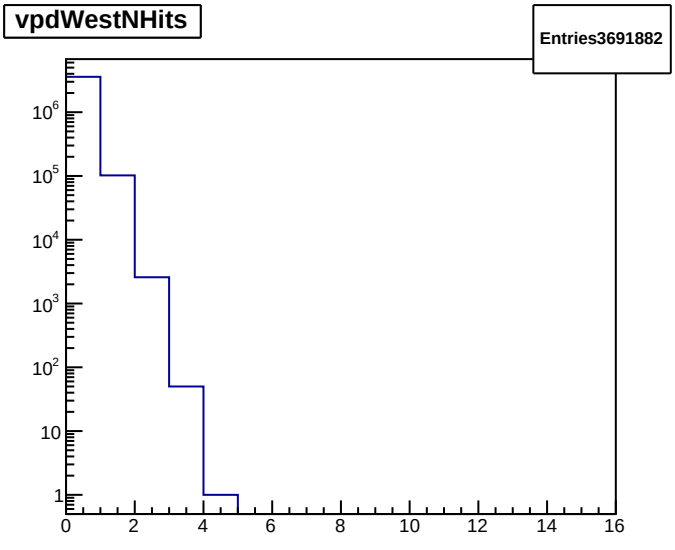

vpdEastNHitsVsSimu
Entries 249716

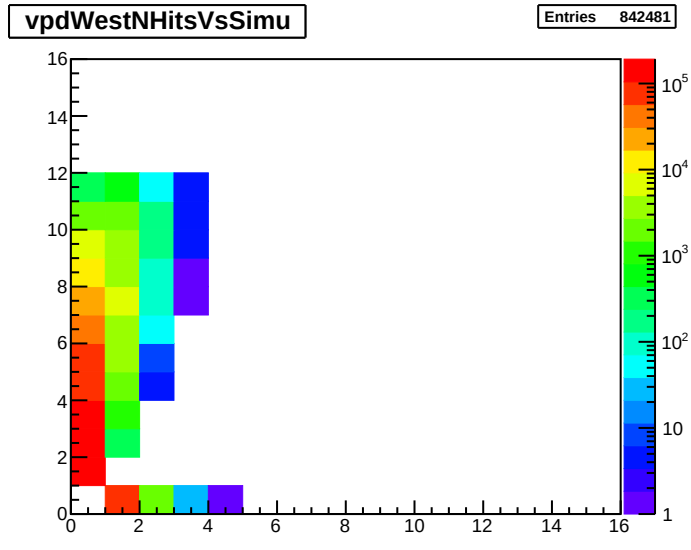

vpdEastTacSum
Entries3691882

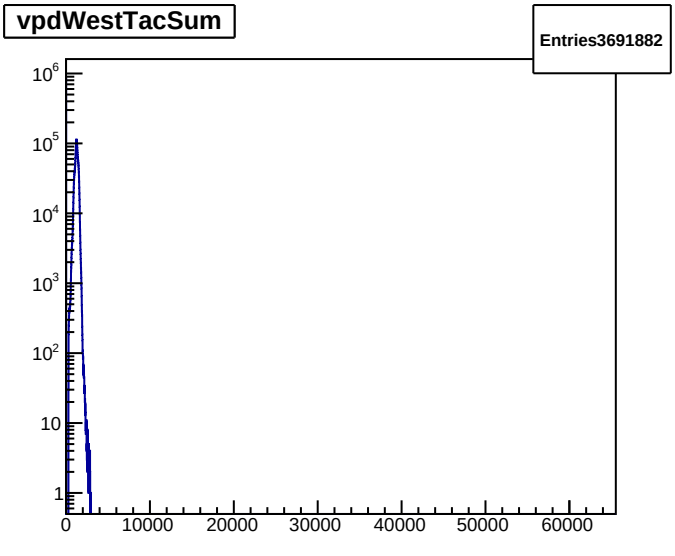

vpdEastTacSumVsSimu
Entries 2970668
Data
Simu

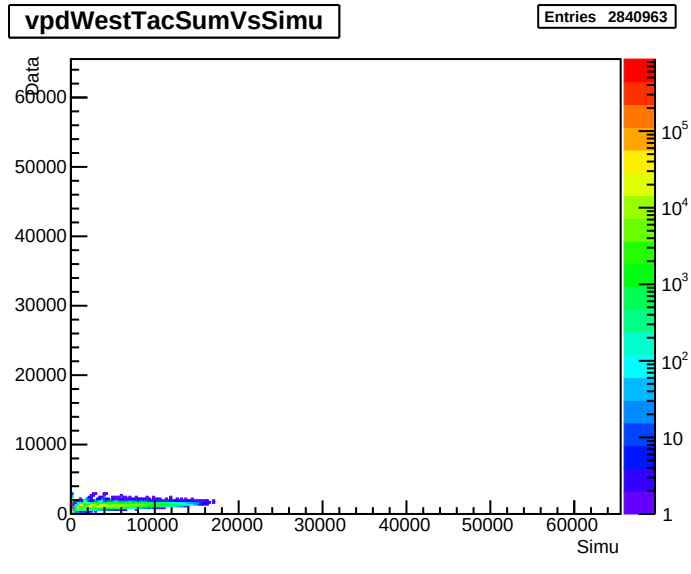

vpdWestAdcSum
Entries3691882

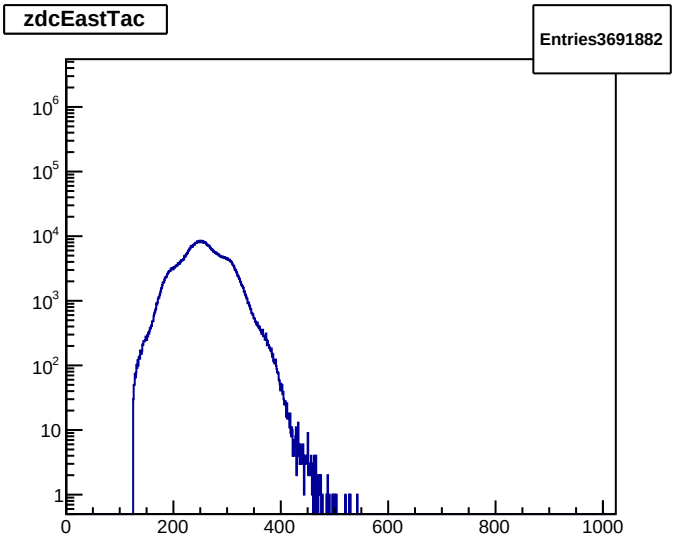

vpdWestAdcSumVsSimu
Entries 2514029
Data
Simu

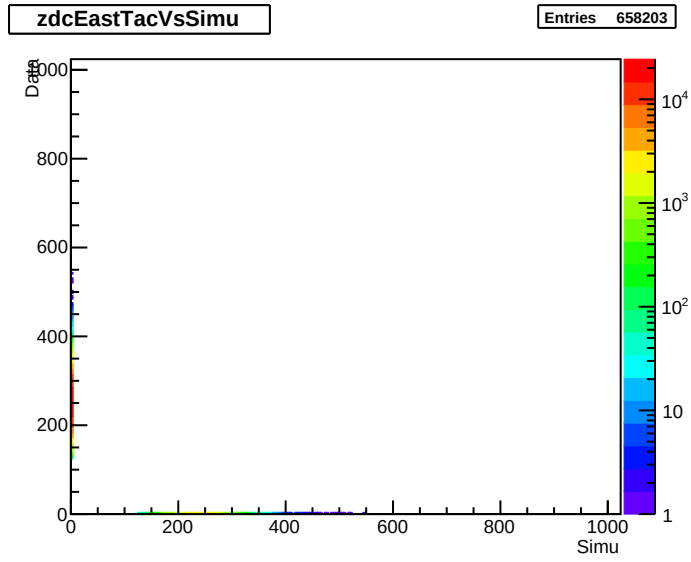

vpdWestNHits
Entries3691882

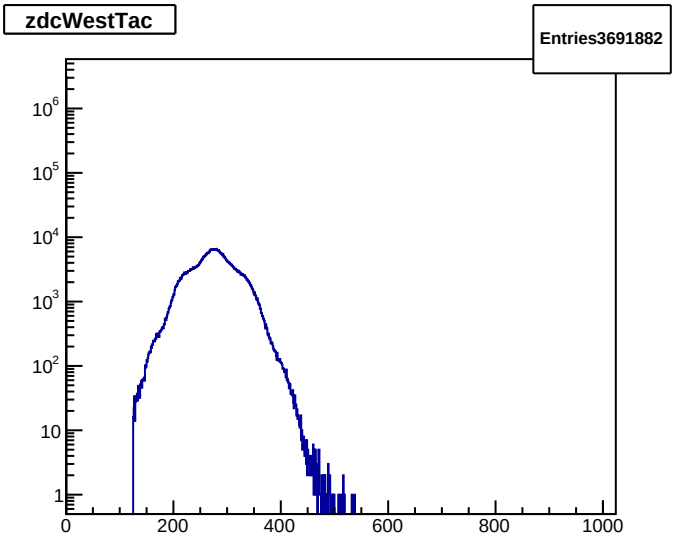

vpdWestNHitsVsSimu
Entries 842481

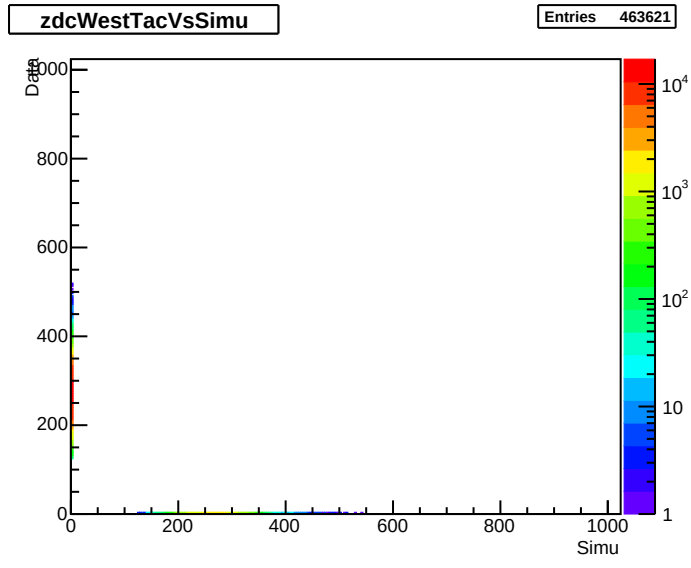

vpdWestTacSum
Entries3691882

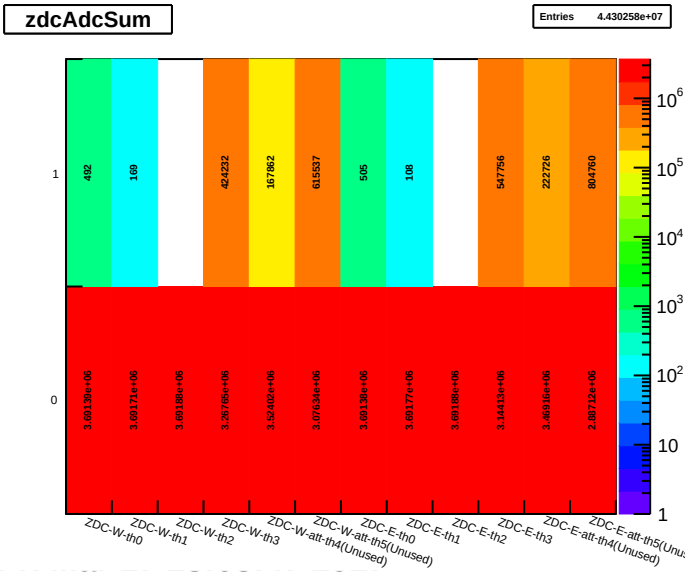

vpdWestTacSumVsSimu
Entries 2840963
Data
Simu

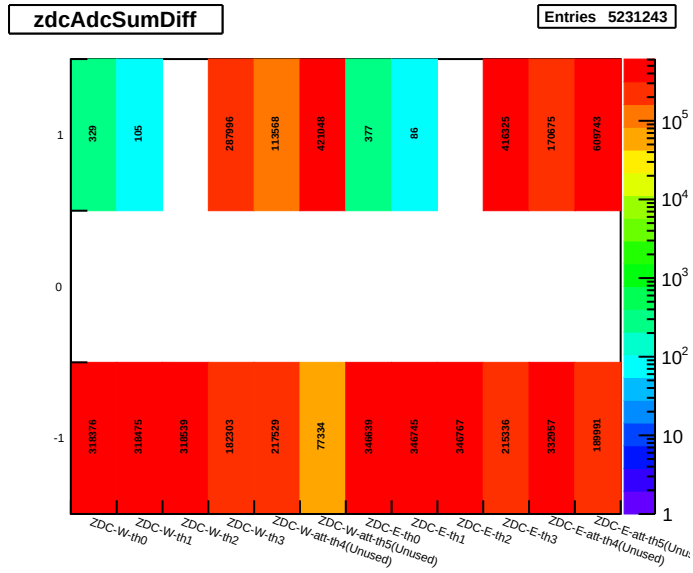

zdcEastTac
Entries3691882

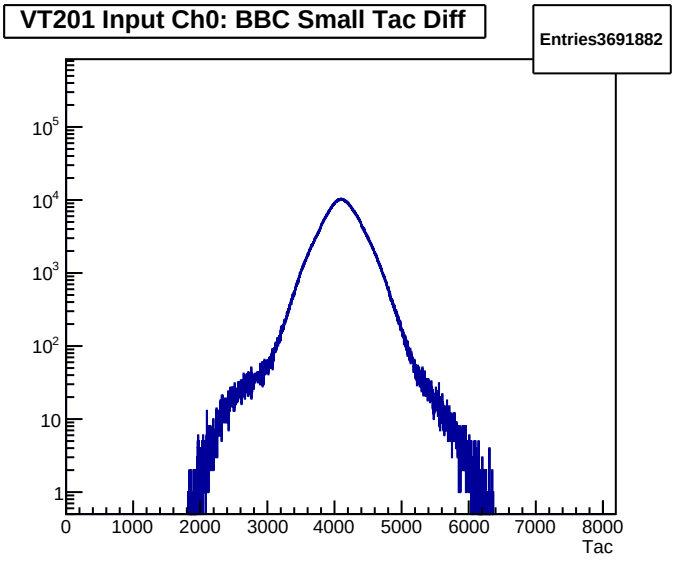

zdcEastTacVsSimu
Entries 658203
Data
Simu

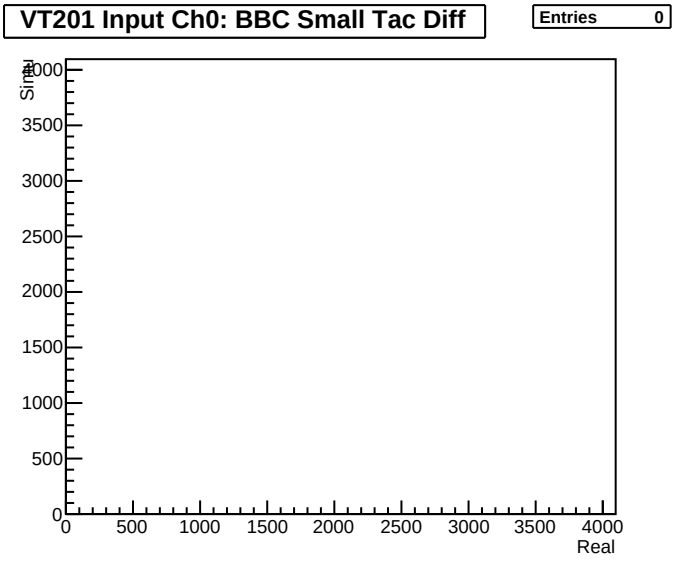

zdcWestTac
Entries3691882

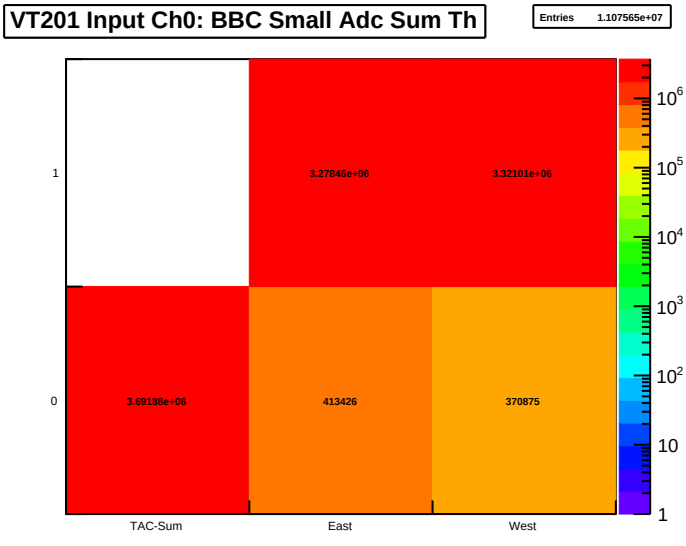

zdcWestTacVsSimu
Entries 463621
Data
Simu

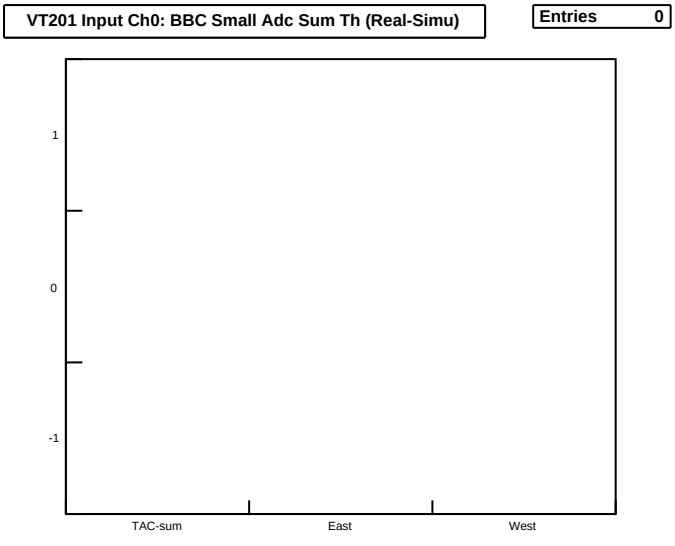

zdcAdcSum
Entries 4.430258e+07
492
169
424232
167862
615537
505
108
547756
222726
804760
3.69139e+06
3.69171e+05
3.69188e+06
3.25785e+06
3.52402e+06
3.07634e+06
3.69139e+06
3.69177e+06
3.69188e+05
3.14413e+06
3.46916e+06
2.88712e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

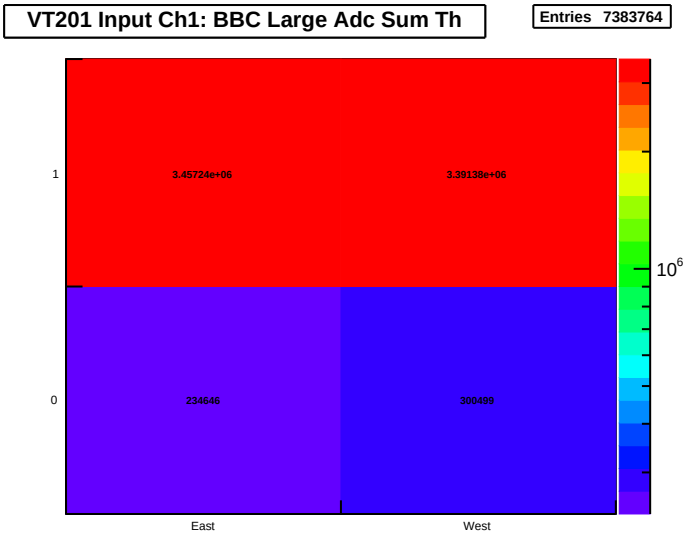

zdcAdcSumDiff
Entries 5231243
329
105
287996
113568
421048
377
86
416325
170675
609743
318376
318475
318539
182303
217529
77334
346639
346745
346767
215336
332957
189991
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

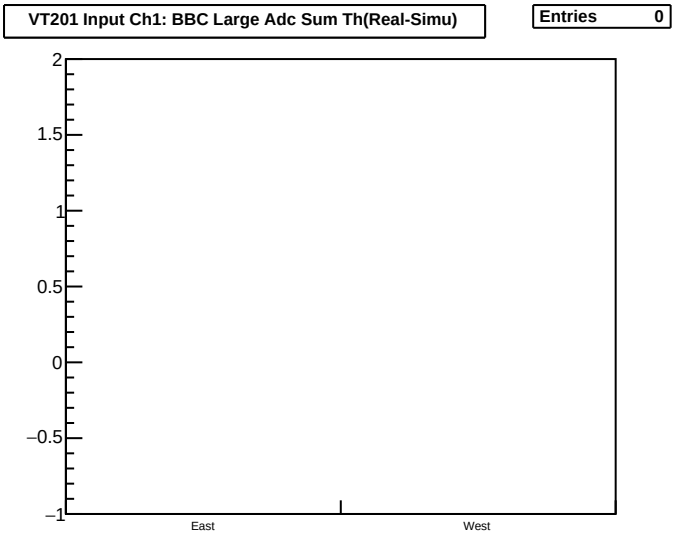

VT201 Input Ch0: BBC Small Tac Diff
Entries3691882
Tac


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

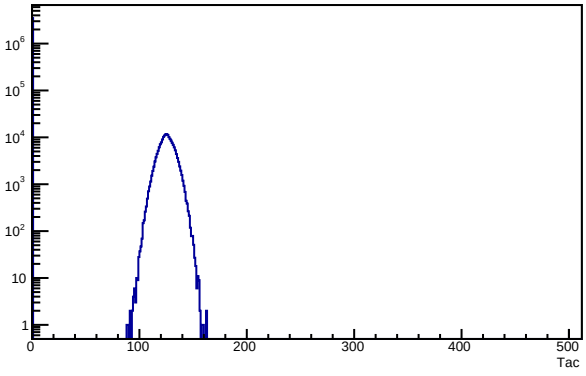

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.107565e+07
3.27846e+06
3.32101e+06
3.69188e+06
413426
370875
TAC-Sum
East
West


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

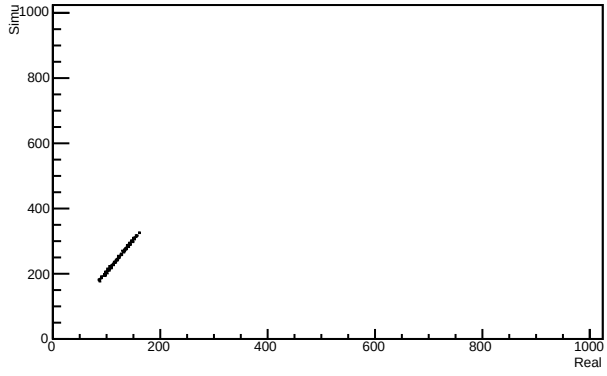

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 7383764
3.45724e+06
3.39138e+06
234646
300499
East
West


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

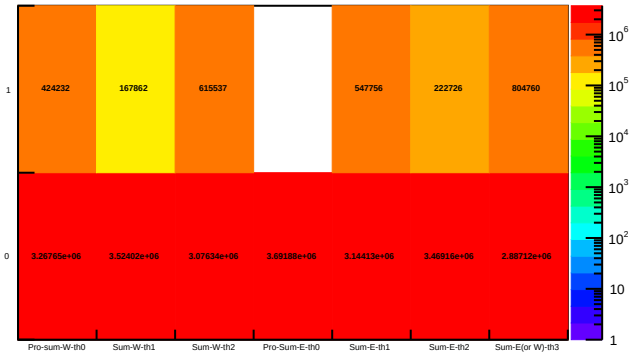
VT201 Input Ch2: ZDC Tac Diff



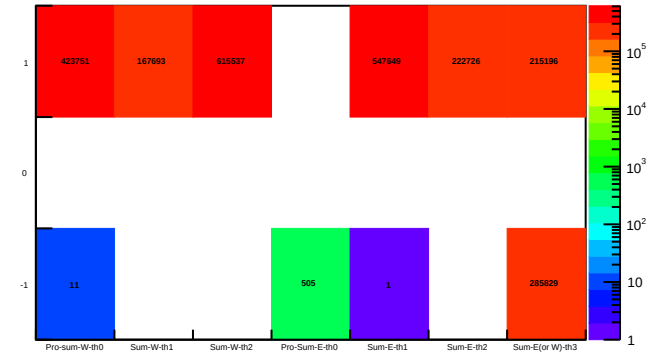
VT201 Input Ch2: ZDC Tac Diff



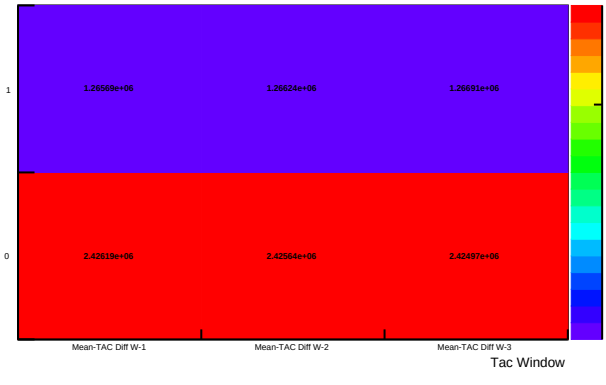
VT201 Input Ch2: ZDC Adc Sum Th



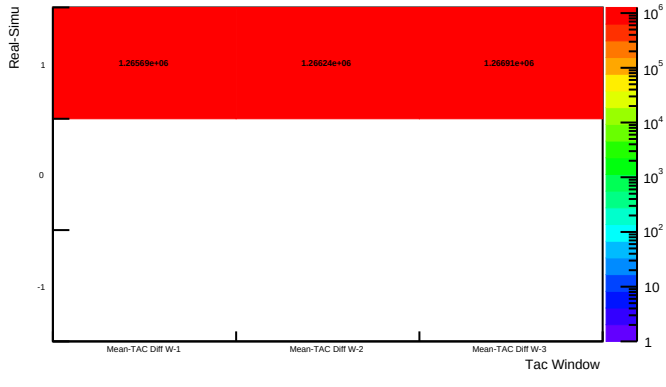
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



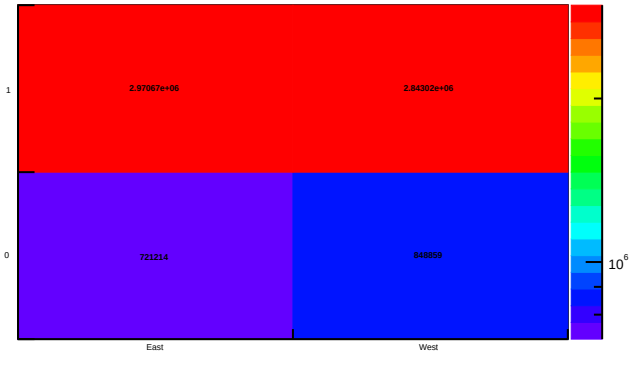
VT201 Input Ch4: VPD Tac Diff



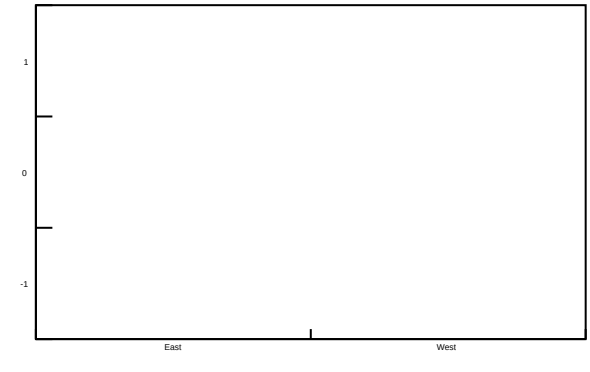
VT201 Input Ch4: VPD Tac Diff

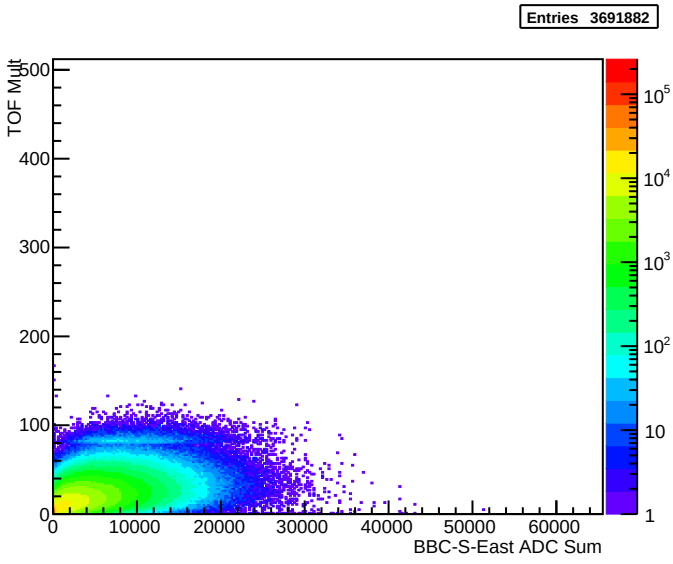


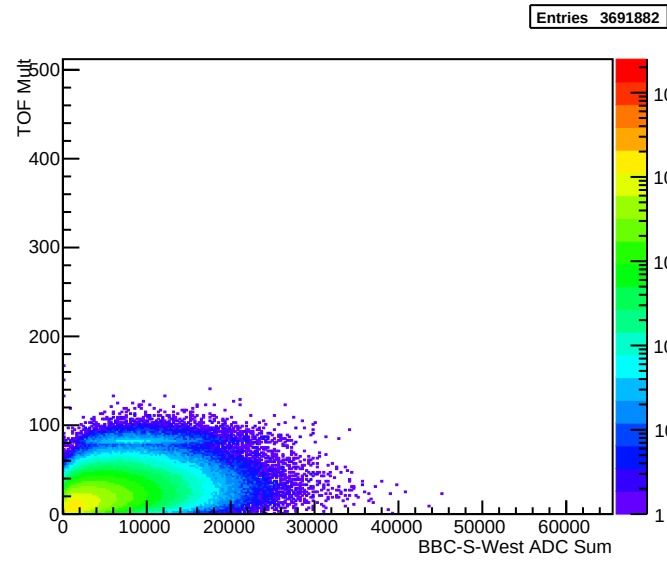
VT201 Input Ch4: VPD Adc Sum Th

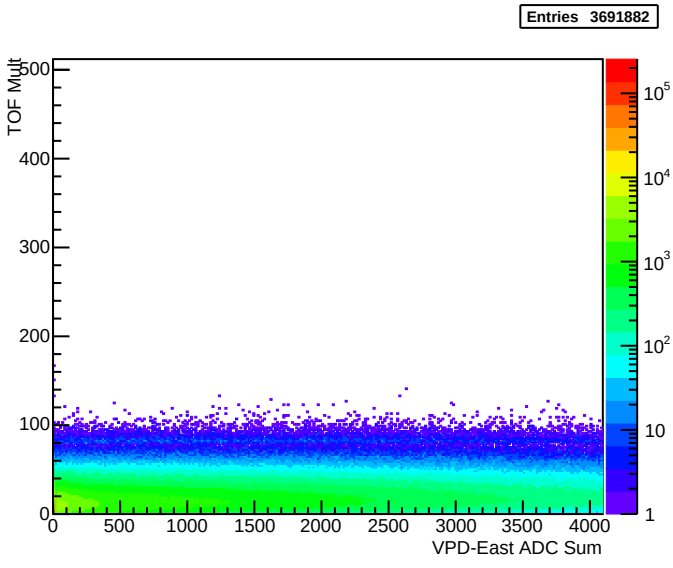


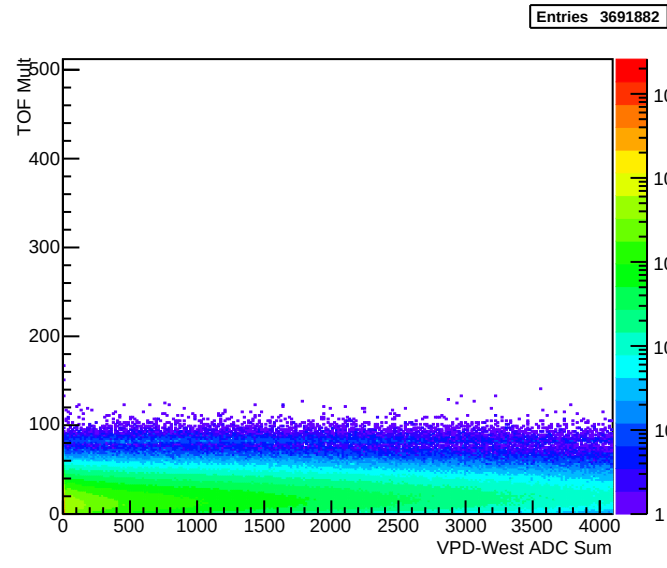
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

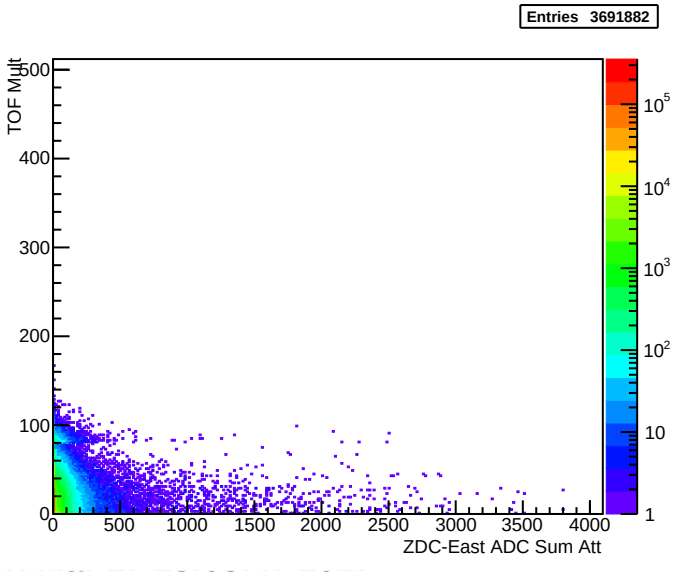


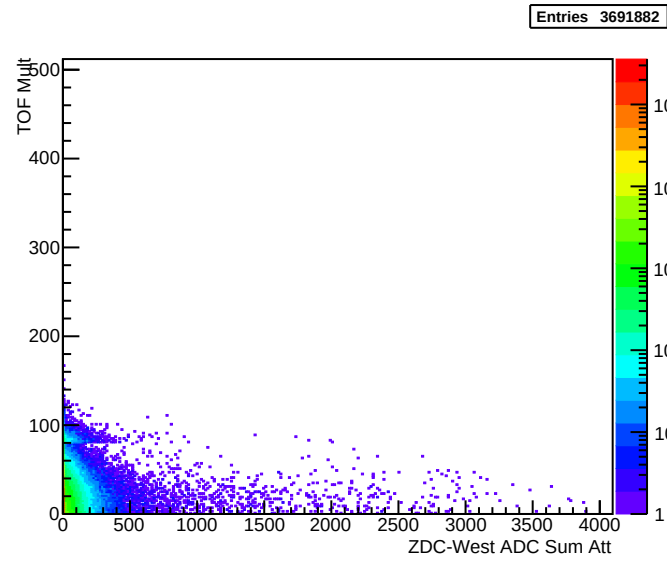

Entries 3691882
TOF Mult
BBC-S-East ADC Sum

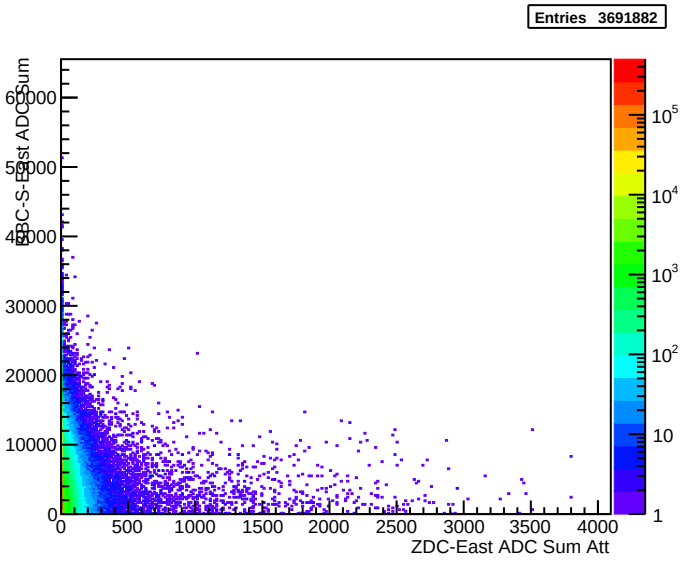

Entries 3691882
TOF Mult
BBC-S-West ADC Sum

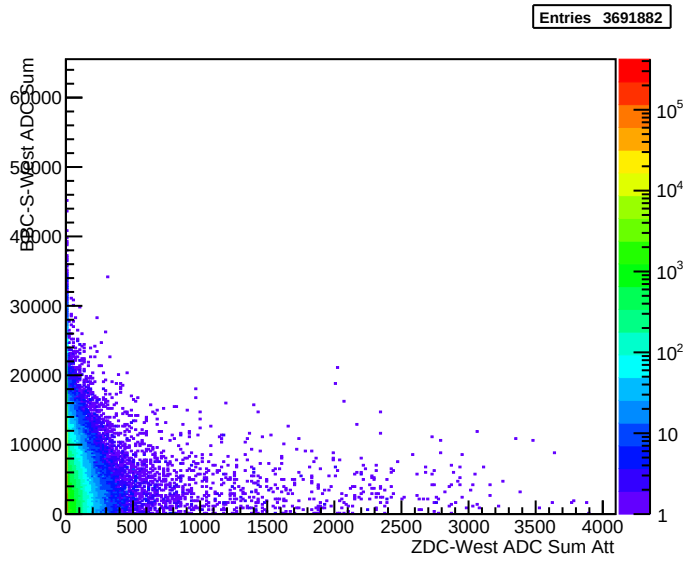

Entries 3691882
TOF Mult
VPD-East ADC Sum

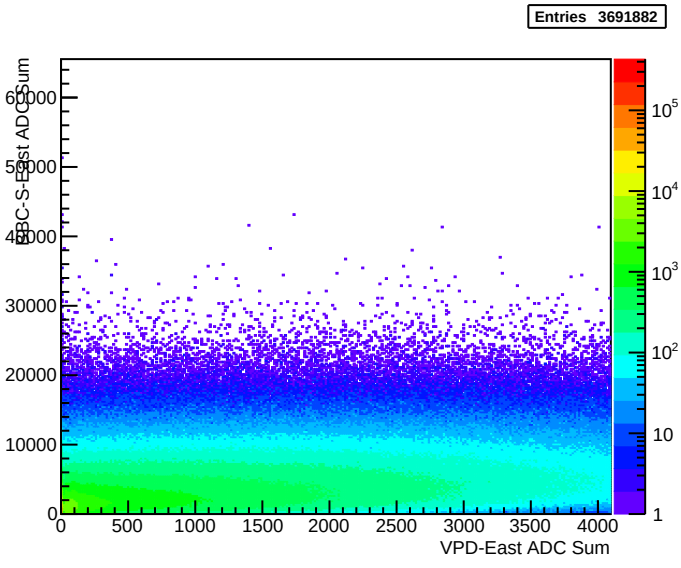

Entries 3691882
TOF Mult
VPD-West ADC Sum

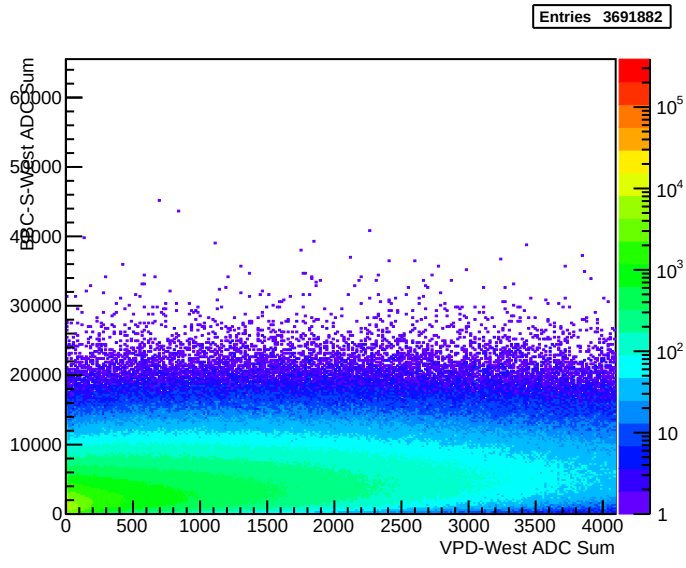

Entries 3691882
TOF Mult
ZDC-East ADC Sum Att

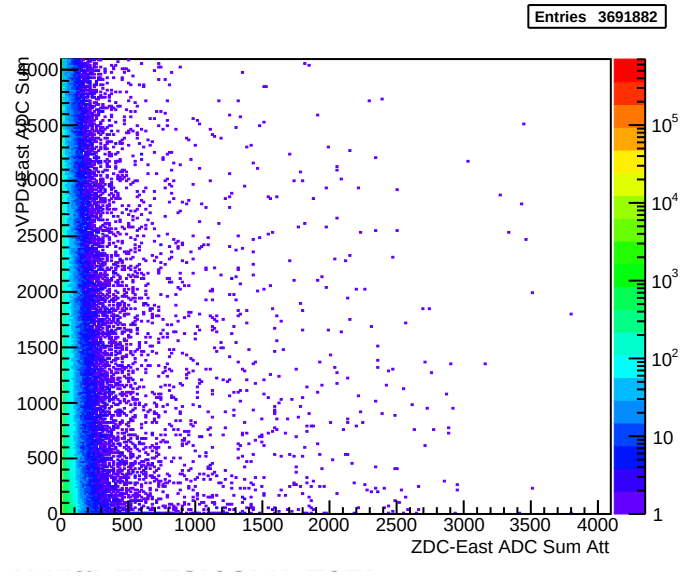

Entries 3691882
TOF Mult
ZDC-West ADC Sum Att

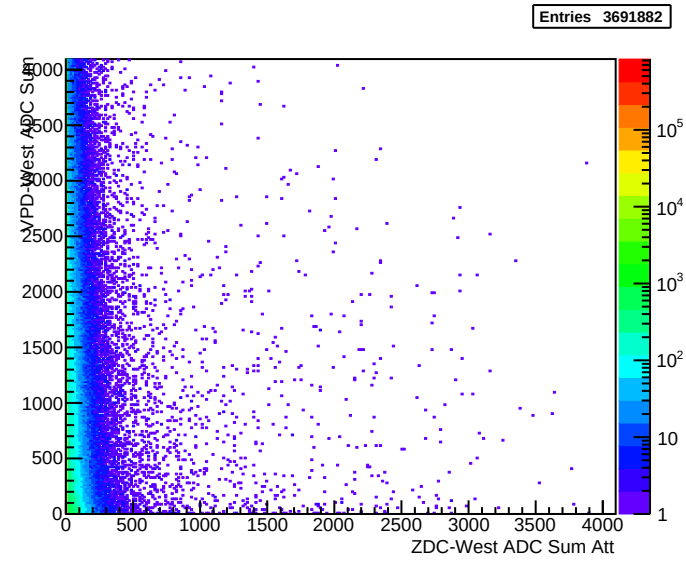

Entries 3691882
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

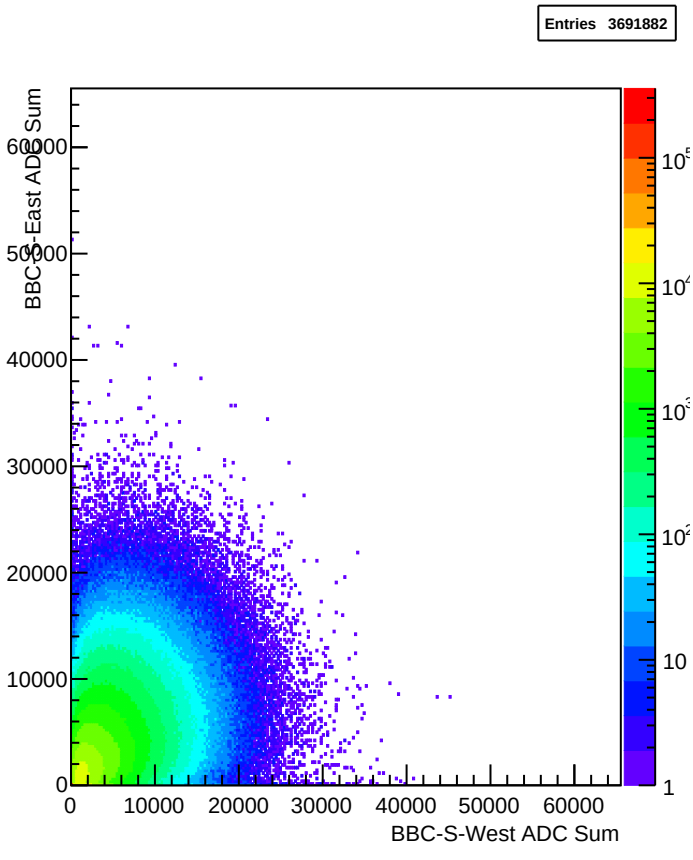

Entries 3691882
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

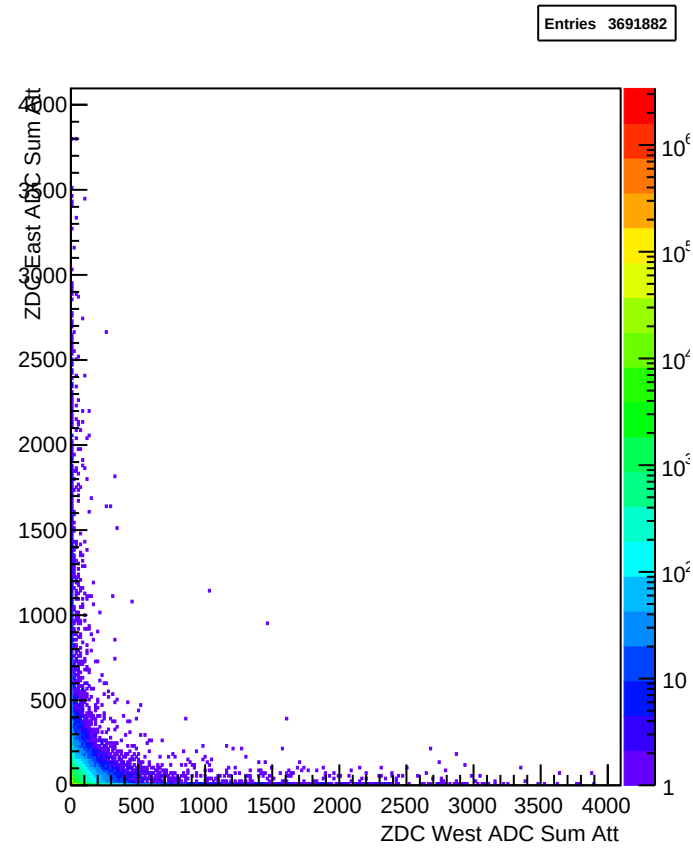

Entries 3691882
BBC-S-East ADC Sum
VPD-East ADC Sum

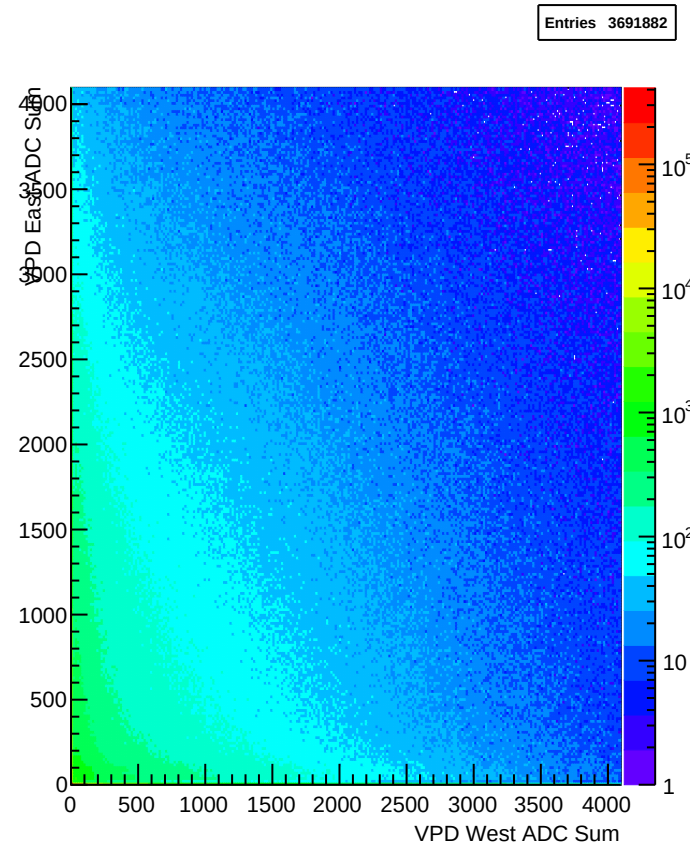

Entries 3691882
BBC-S-West ADC Sum
VPD-West ADC Sum

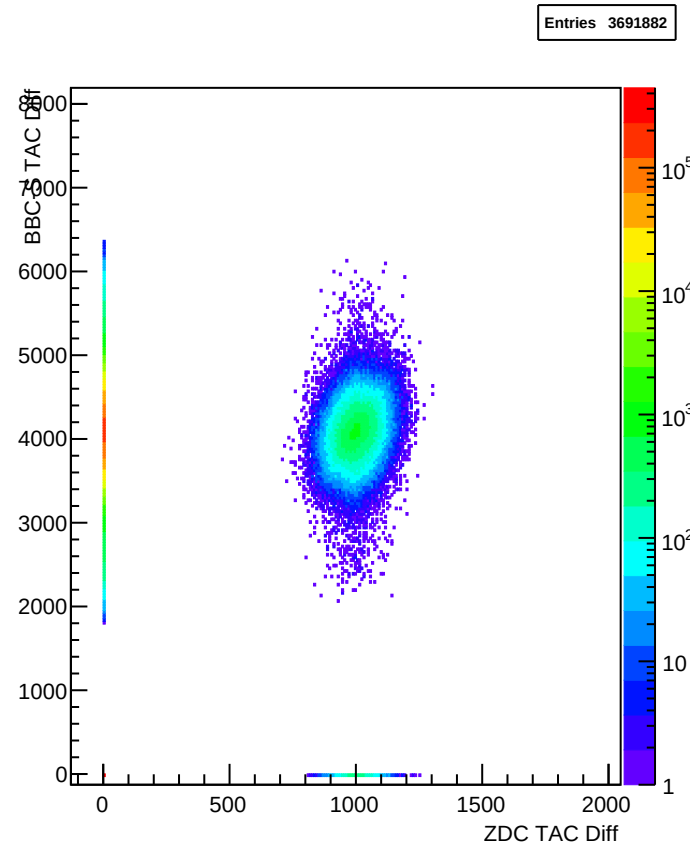

Entries 3691882
VPD-East ADC Sum
ZDC-East ADC Sum Att

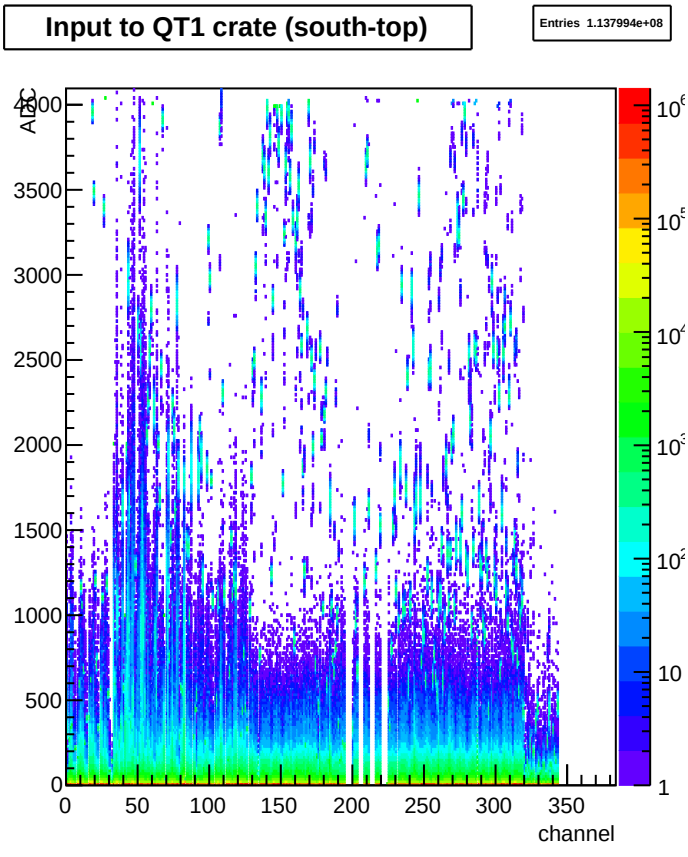

Entries 3691882
VPD-West ADC Sum
ZDC-West ADC Sum Att

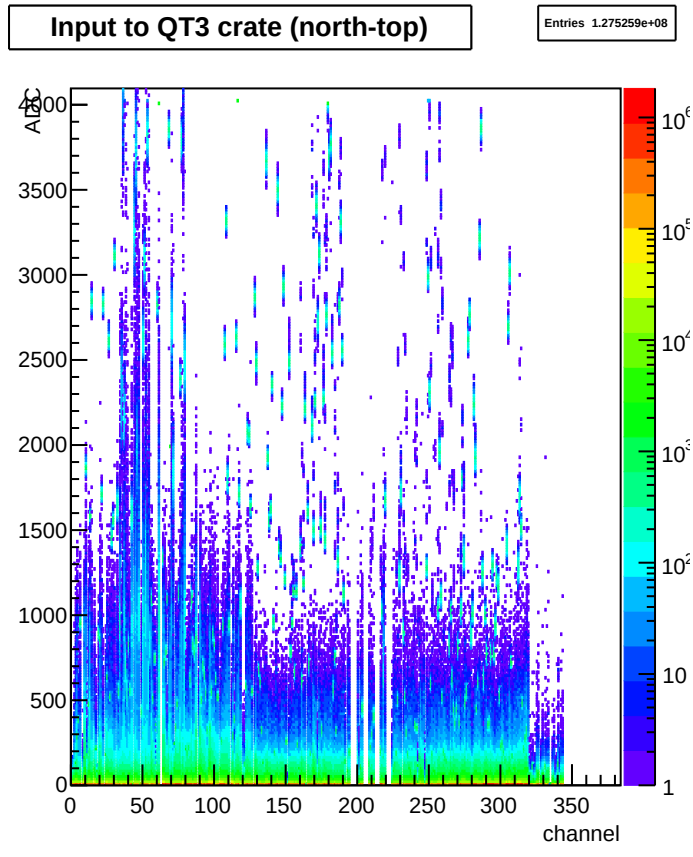

Entries 3691882
BBC-S-East ADC Sum
BBC-S-West ADC Sum

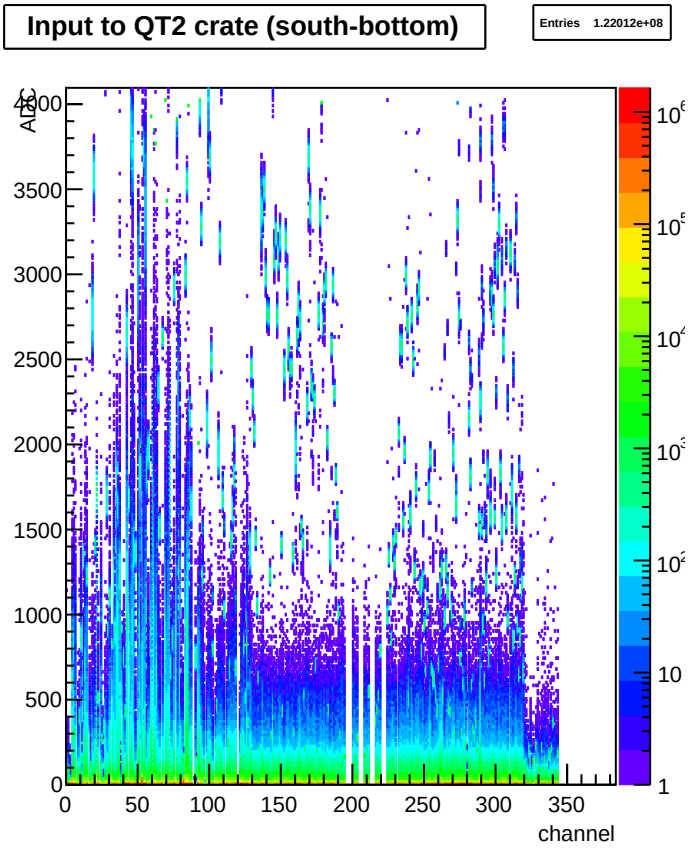

Entries 3691882
ZDC East ADC Sum Att
ZDC West ADC Sum Att

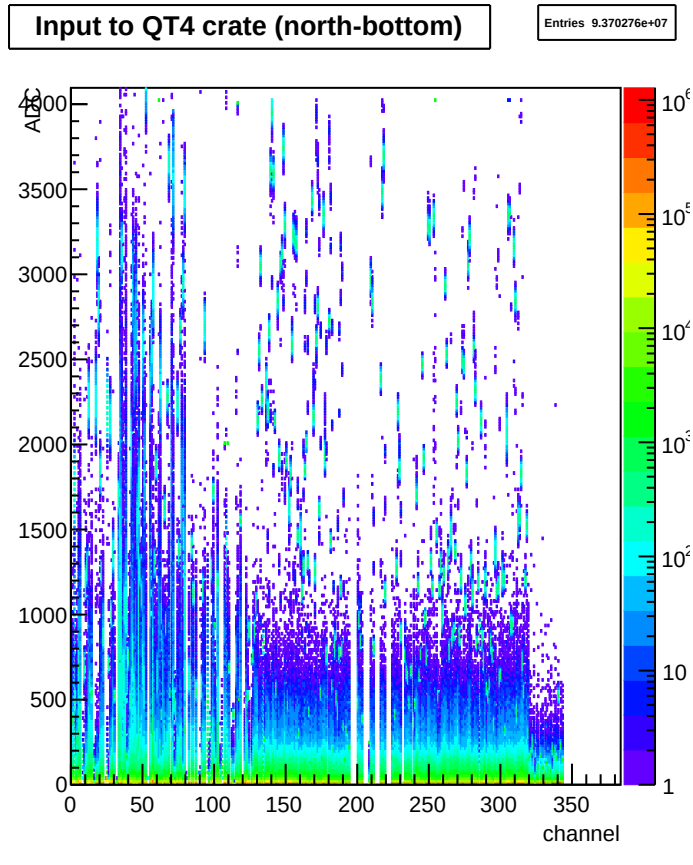

Entries 3691882
VPD East ADC Sum
VPD West ADC Sum

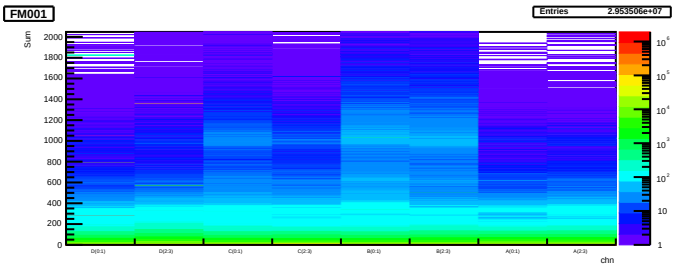

Entries 3691882
BBC-S TAC Diff
ZDC TAC Diff

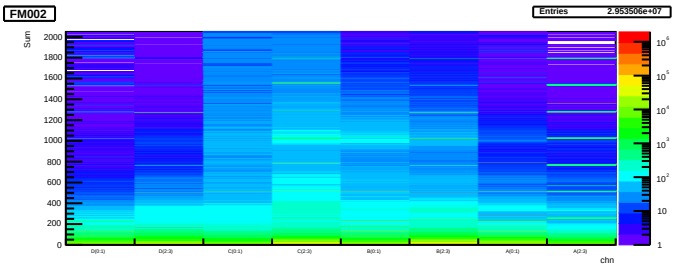

Input to QT1 crate (south-top)
Entries 1.137994e+08
ADC
channel

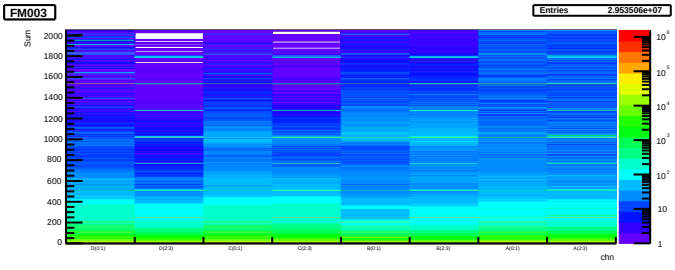

Input to QT3 crate (north-top)
Entries 1.275259e+08
ADC
channel

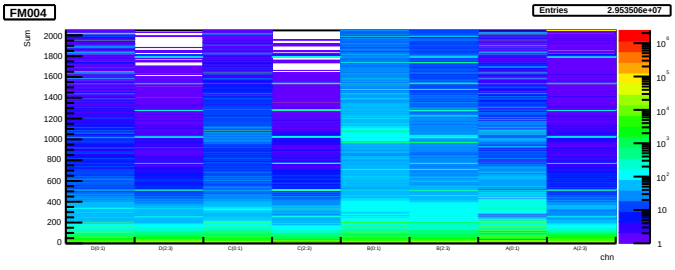

Input to QT2 crate (south-bottom)
Entries 1.22012e+08
ADC
channel

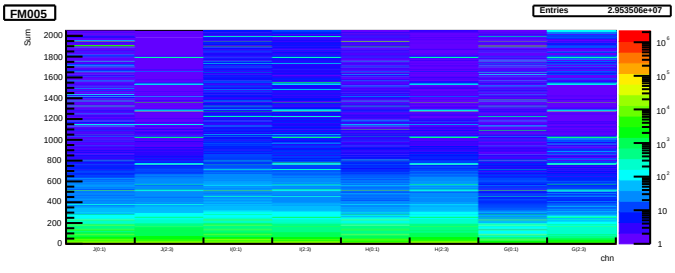

Input to QT4 crate (north-bottom)
Entries 9.370276e+07
ADC
channel

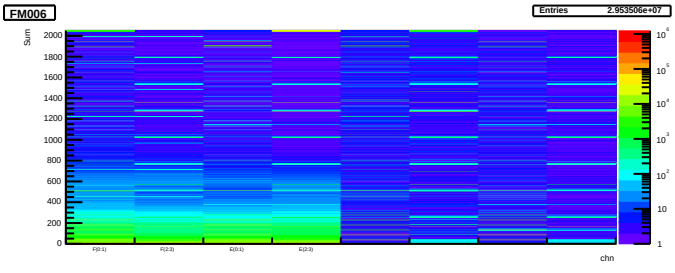

FM001
Entries 2.953506e+07
Sum
chn

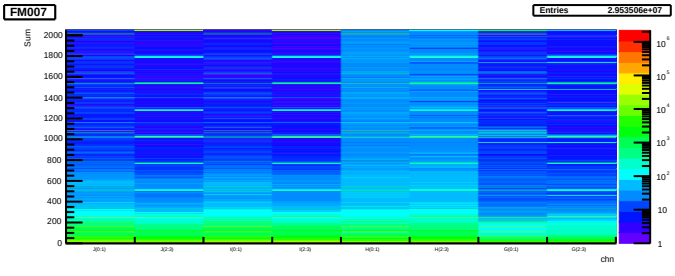

FM002
Entries 2.953506e+07
Sum
chn

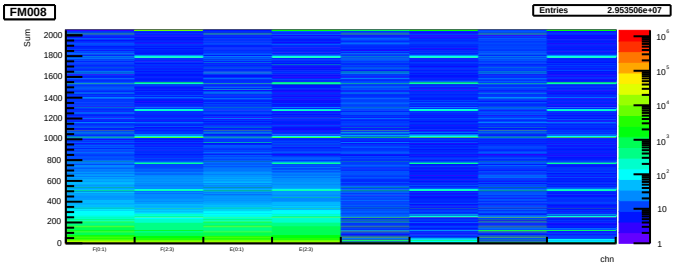

FM003
Entries 2.953506e+07
Sum
chn

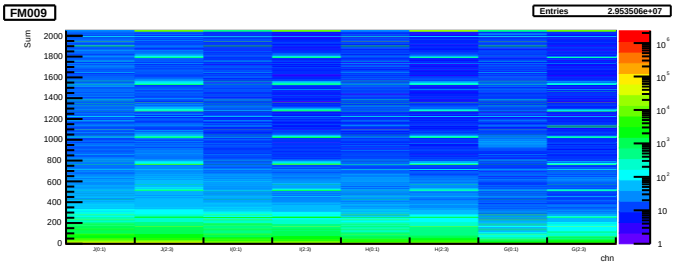

FM004
Entries 2.953506e+07
Sum
chn

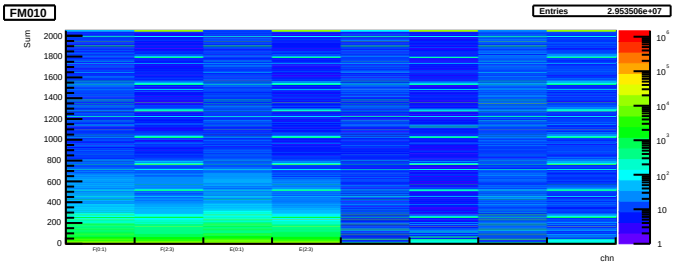

FM005
Entries 2.953506e+07
Sum
chn


FM006
Entries 2.953506e+07
Sum
chn


FM007
Entries 2.953506e+07
Sum
chn


FM008
Entries 2.953506e+07
Sum
chn


FM009
Entries 2.953506e+07
Sum
chn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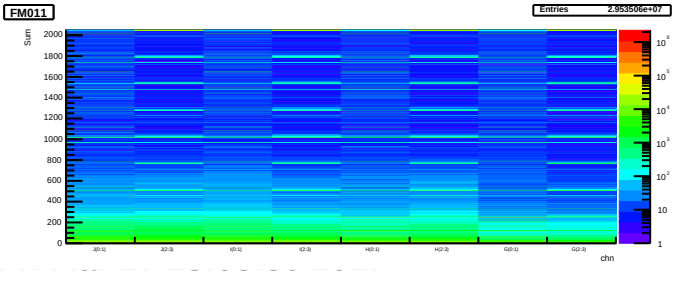
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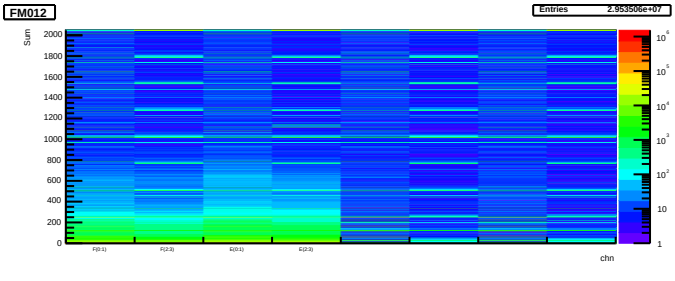
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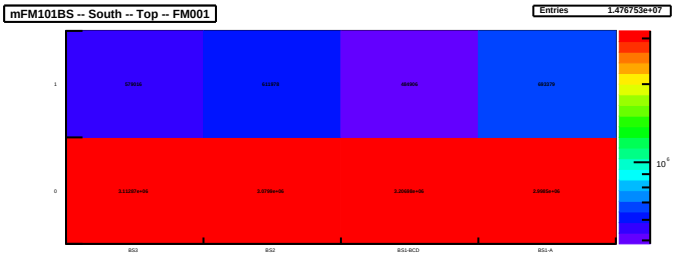
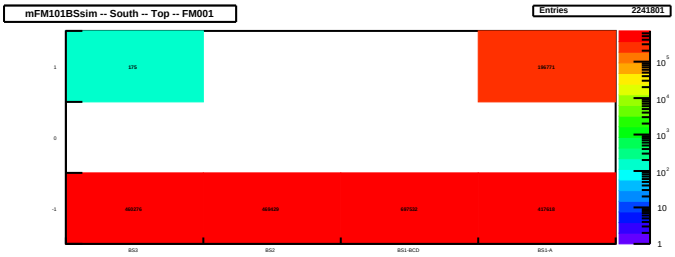

mFM101BS -- South -- Top -- FM001
Entries 1.476753e+07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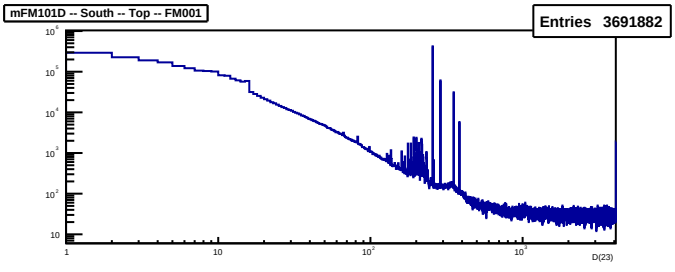
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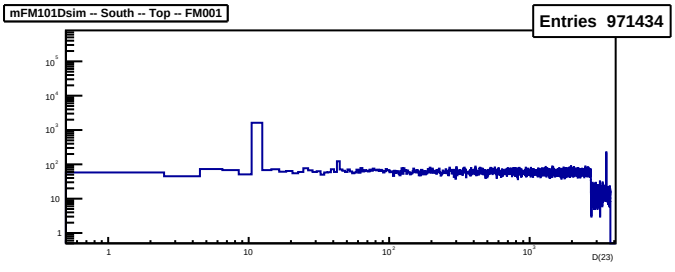
D(23)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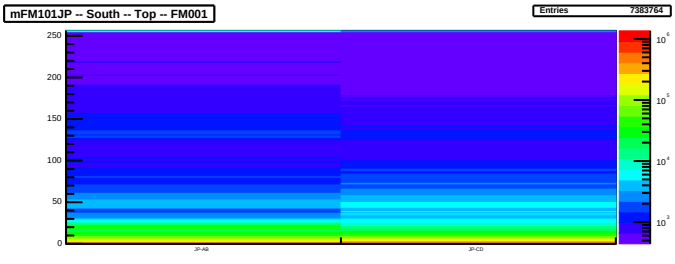
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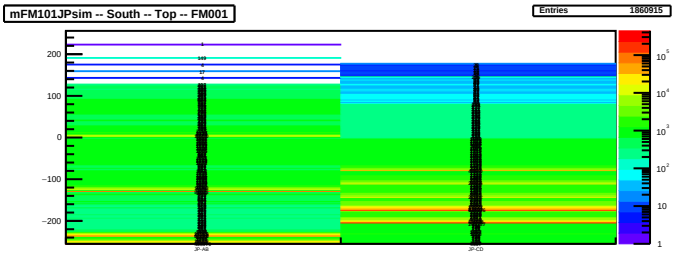
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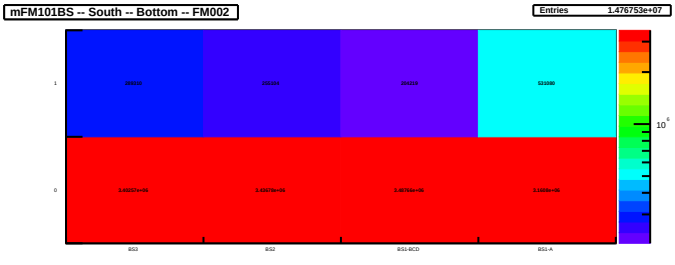
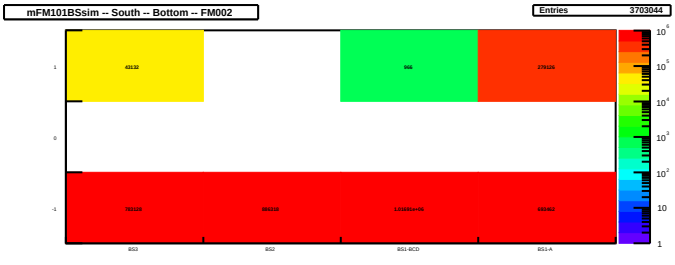

mFM101BS -- South -- Bottom -- FM002
Entries 1.476753e+07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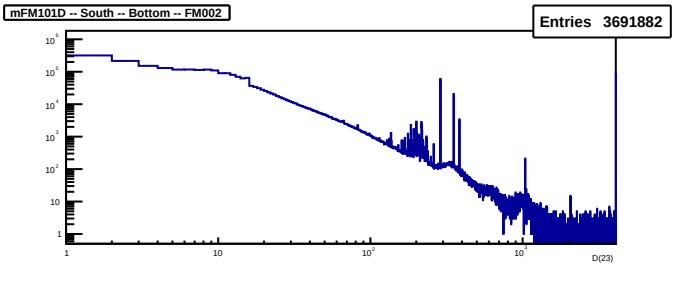
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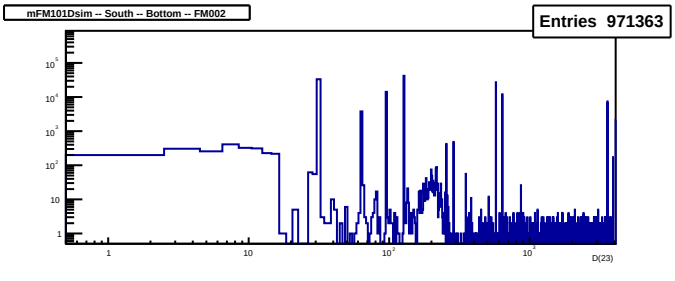
Entries 3691882
D(23)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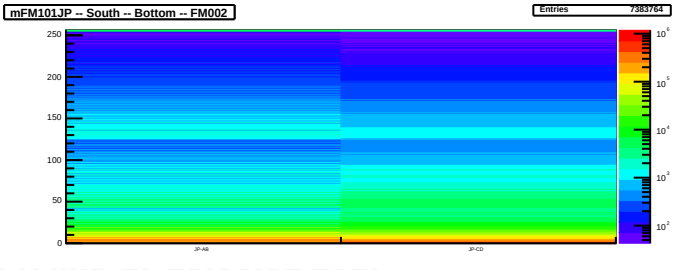
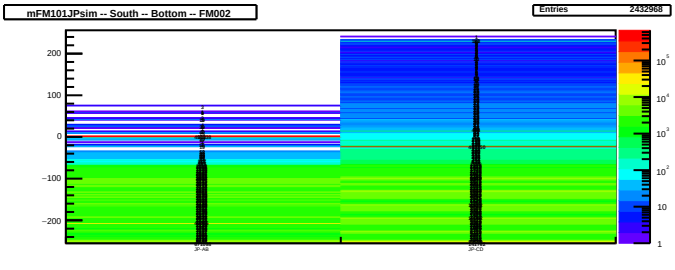

mFM101JP -- South -- Bottom -- FM002
Entries 7383764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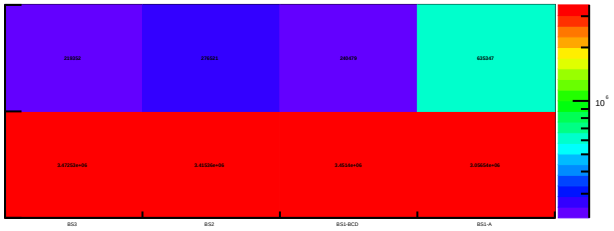

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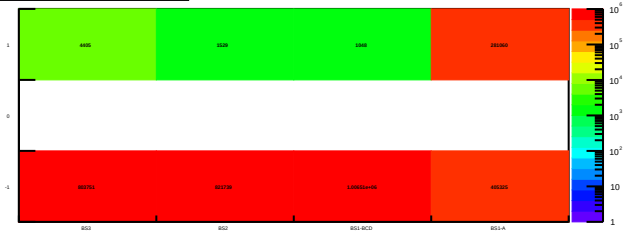

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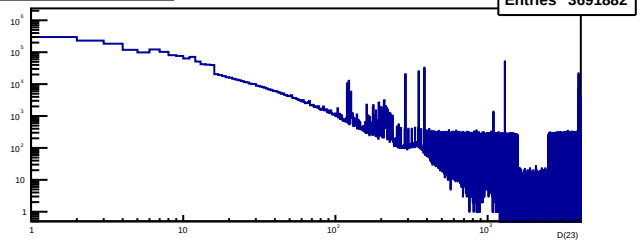

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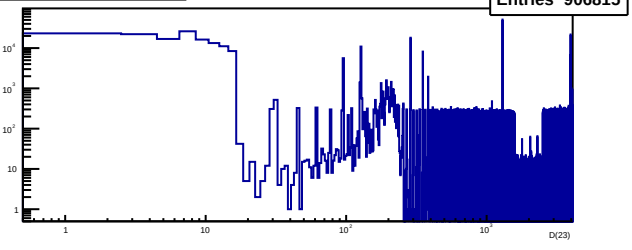

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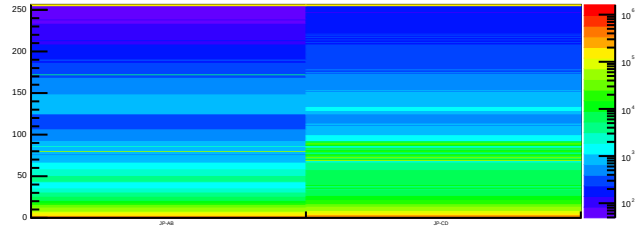

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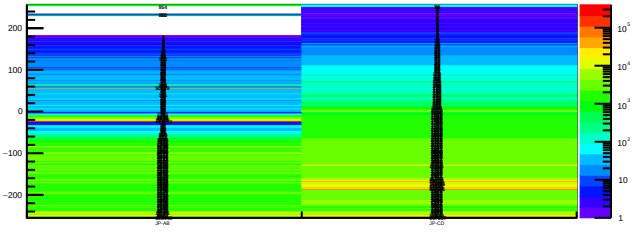

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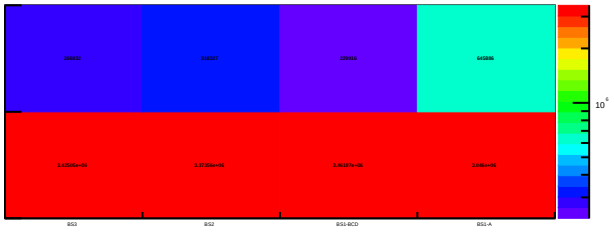

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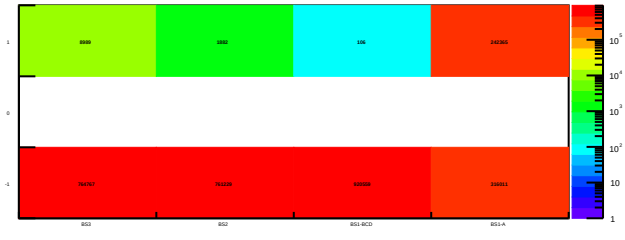

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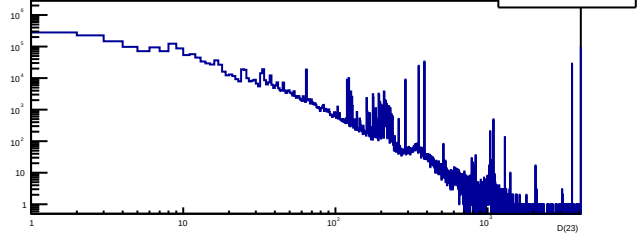

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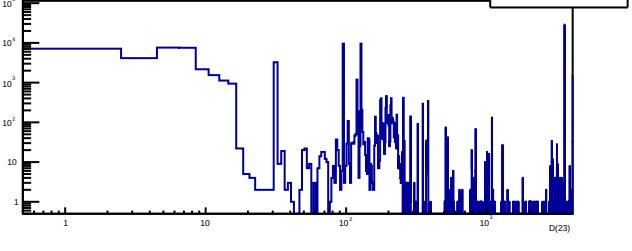

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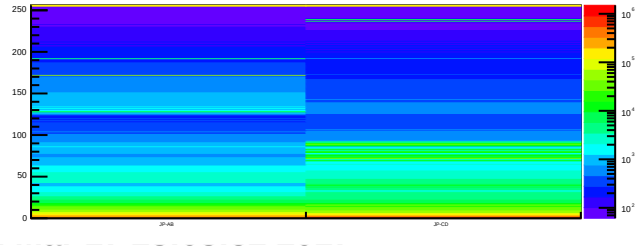

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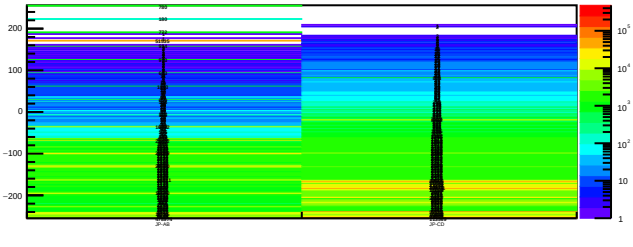
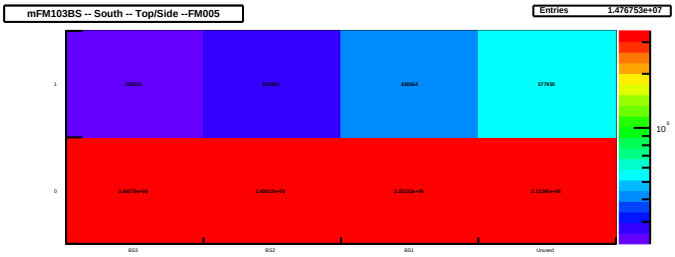
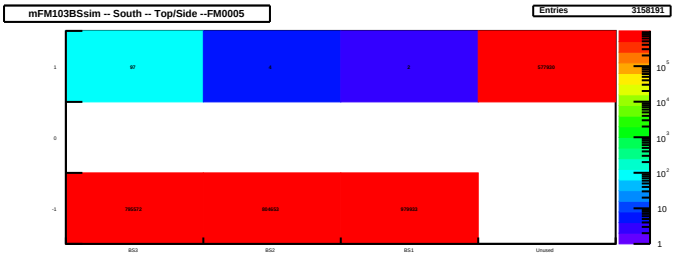



mFM103BS -- South -- Top/Side --FM005
Entries 1.476753e+07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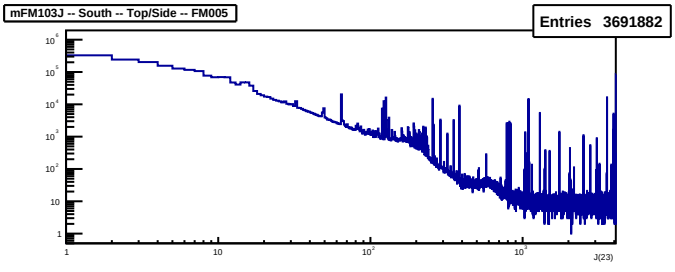
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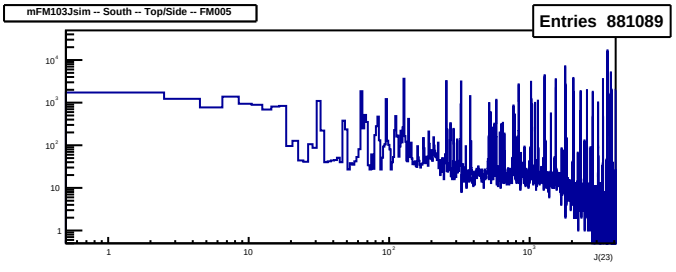
Entries 3691882
J(23)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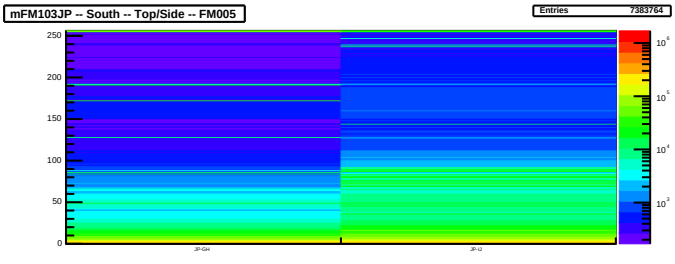
J(23)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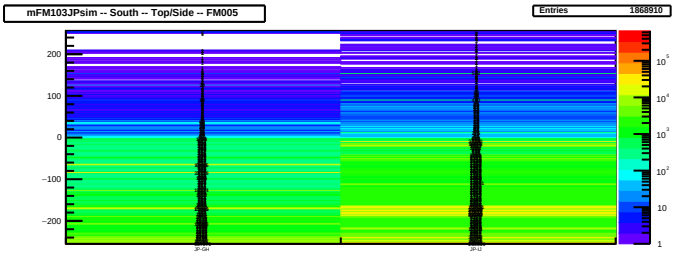
Entries 7383764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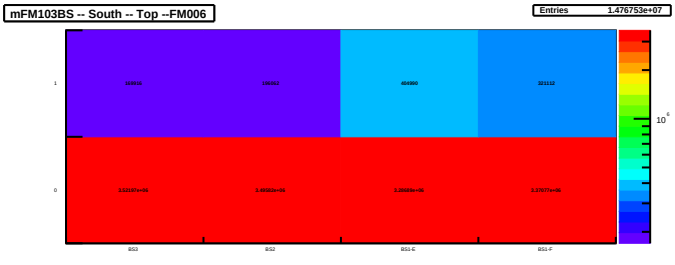
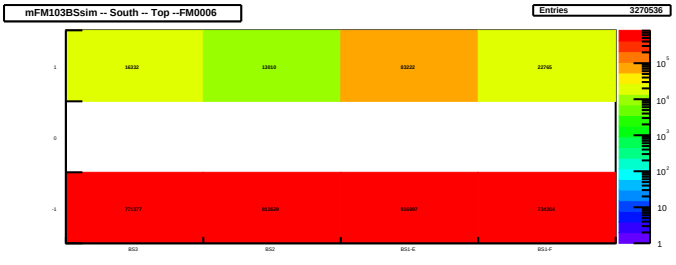

mFM103BS -- South -- Top --FM006
Entries 1.476753e+07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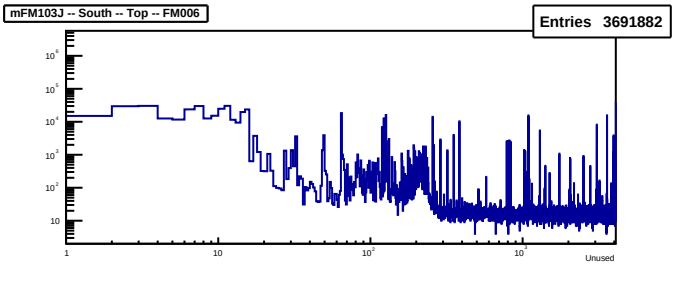
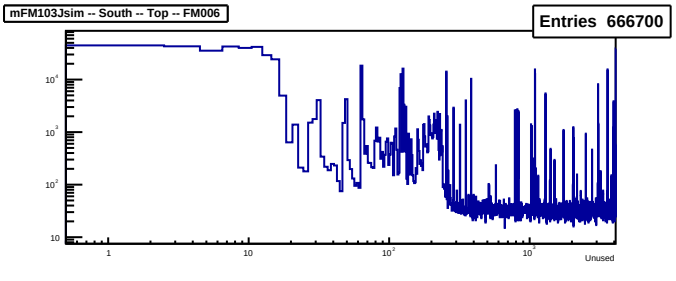

mFM103J -- South -- Top -- FM006
Entries 3691882
Unused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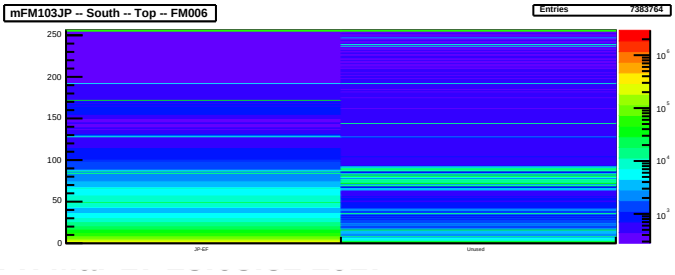
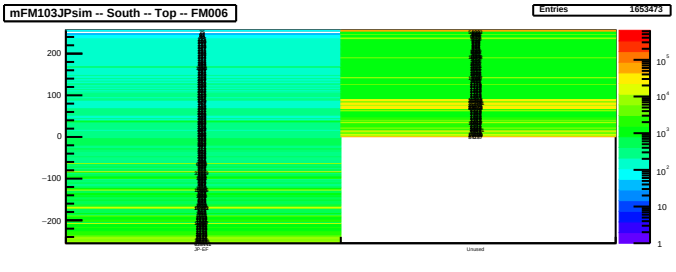

mFM103JP -- South -- Top -- FM006
Entries 7383764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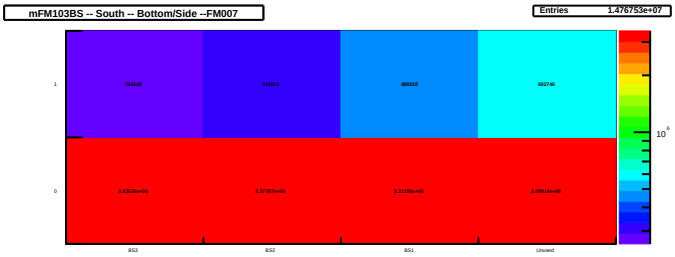
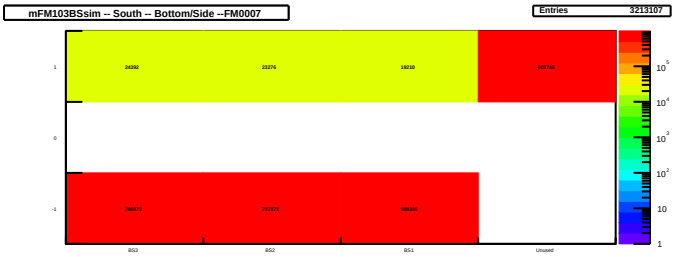

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.476753e+07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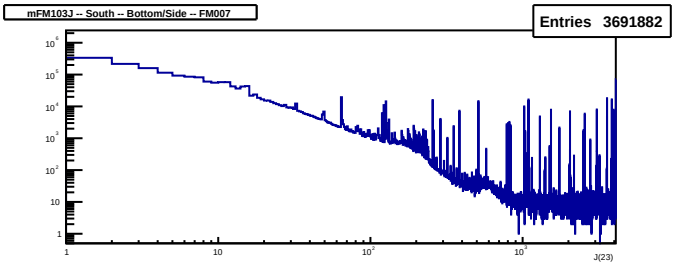
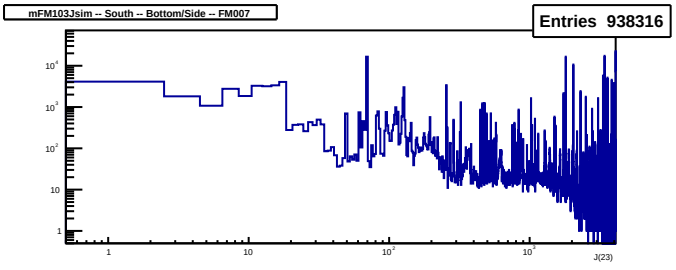
Entries 3213107


mFM103J -- South -- Bottom/Side -- FM007
Entries 3691882
J(23)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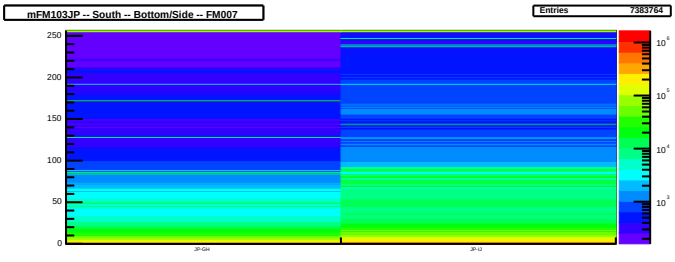
Entries 938316
J(23)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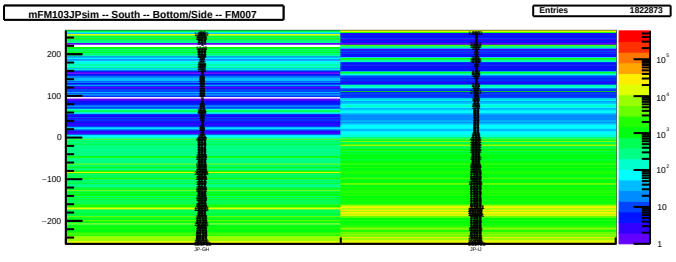
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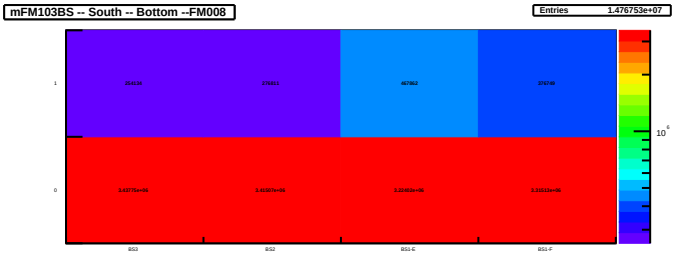
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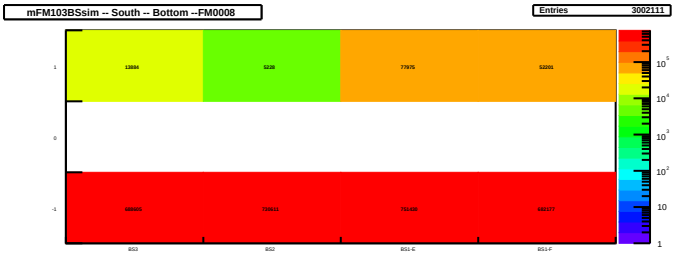
Entries 1.476753e+07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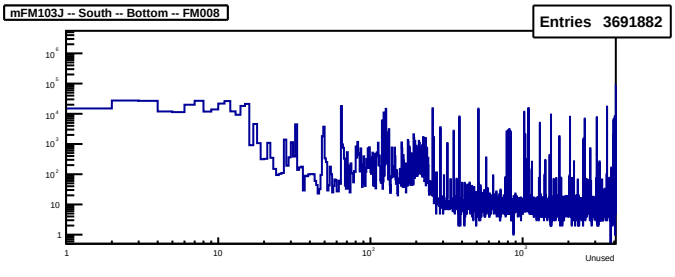
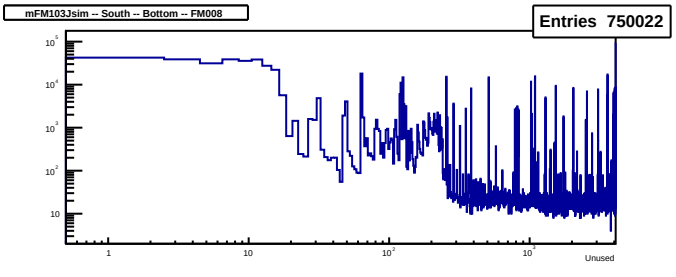

mFM103J -- South -- Bottom -- FM008
Entries 3691882
Unused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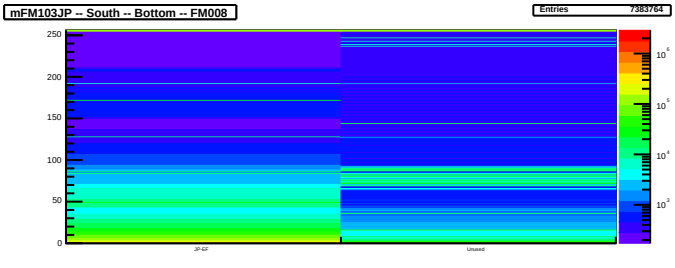
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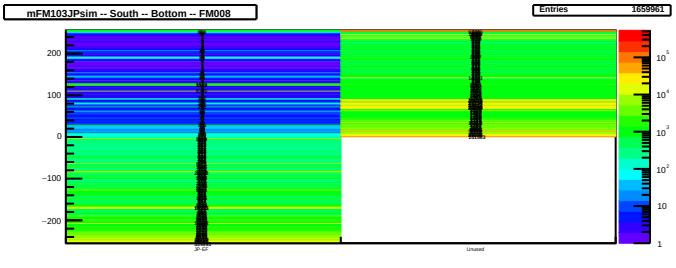
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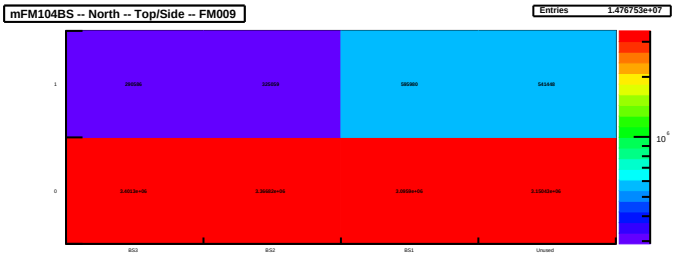
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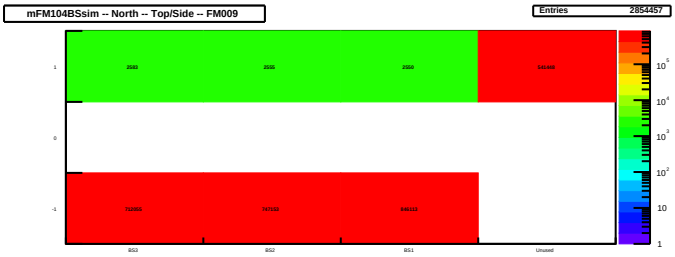
Entries 1.476753e+07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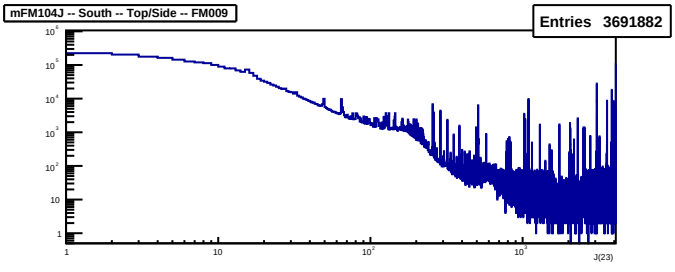
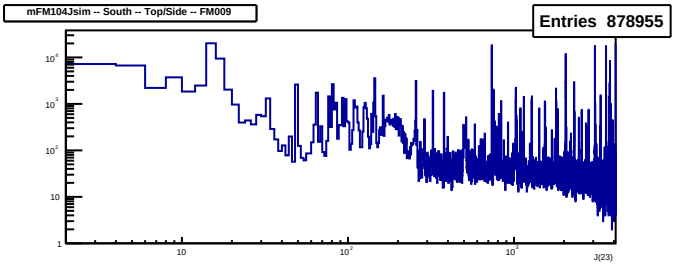
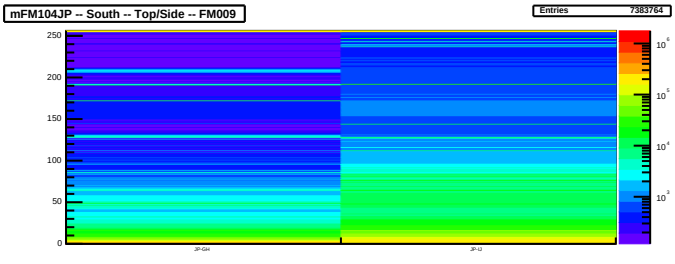
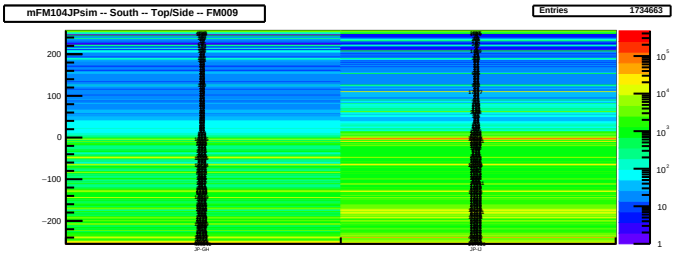

mFM104J -- South -- Top/Side -- FM009
Entries 3691882
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 878955
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 7383764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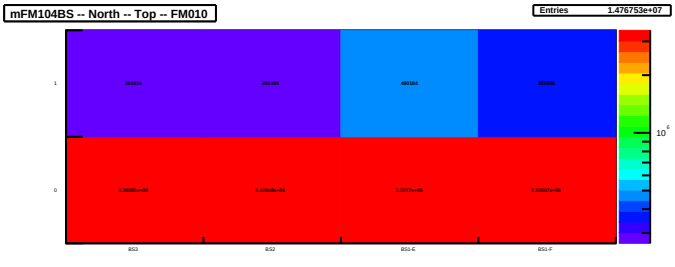
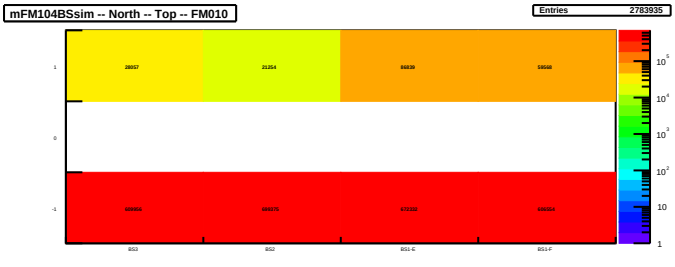
Entries 1734663


mFM104BS -- North -- Top -- FM010
Entries 1.476753e+07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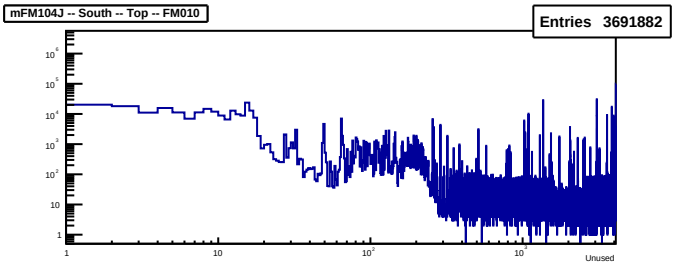
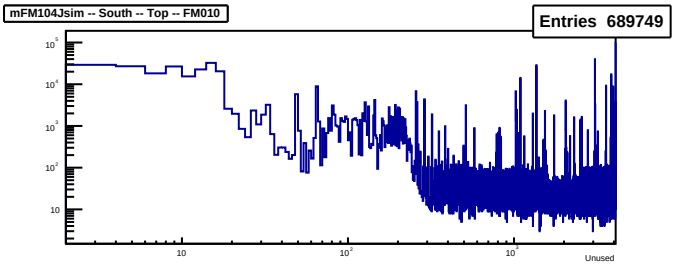
Entries 2783935


mFM104J -- South -- Top -- FM010
Entries 3691882
Unused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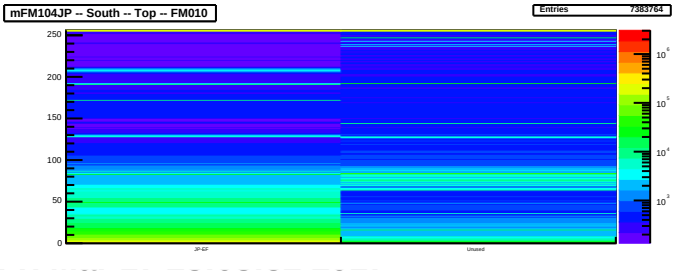
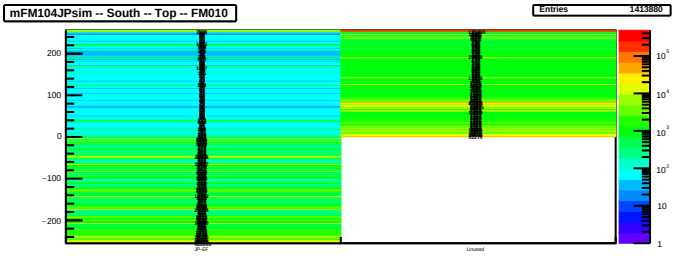
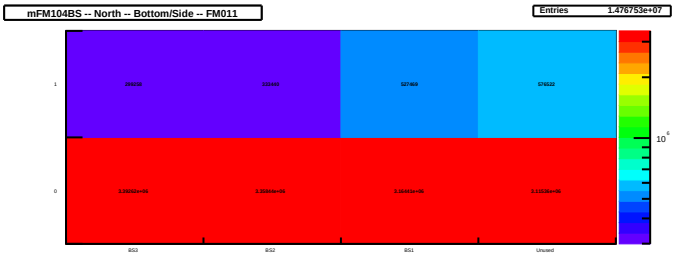
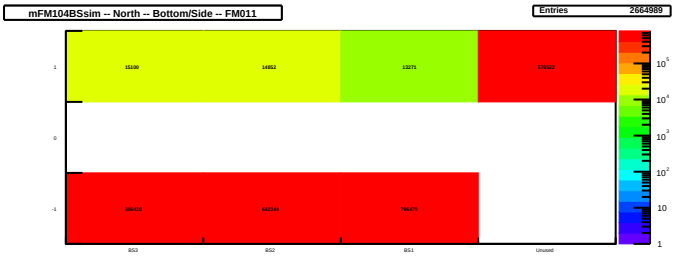
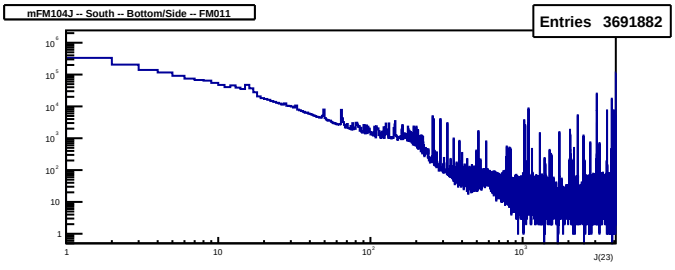
Entries 689749
Unused

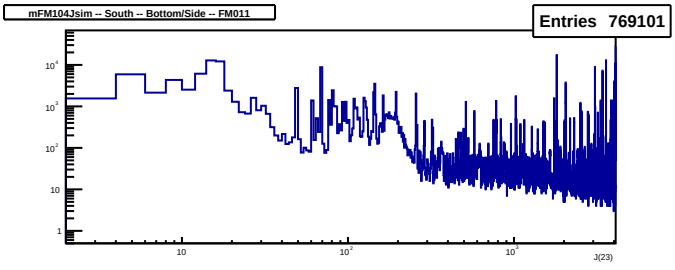

mFM104JP -- South -- Top -- FM010
Entries 7383764


mFM104JPsim -- South -- Top -- FM010
Entries 1413880


mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.476753e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2664989


mFM104J -- South -- Bottom/Side -- FM011
Entries 3691882
J(23)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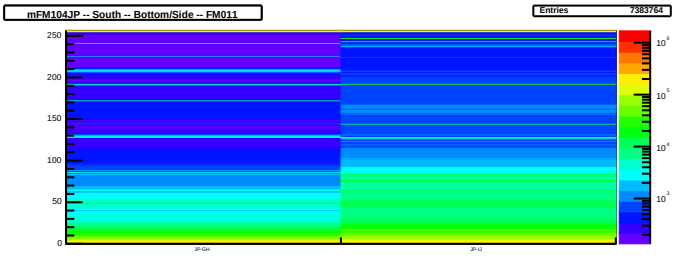
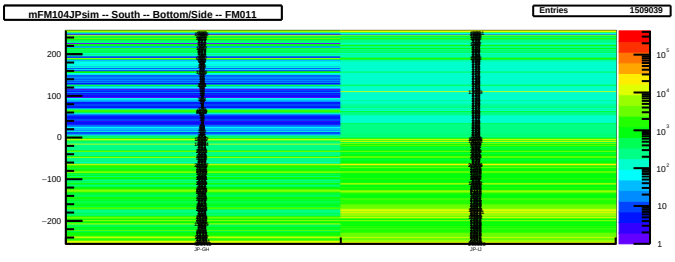
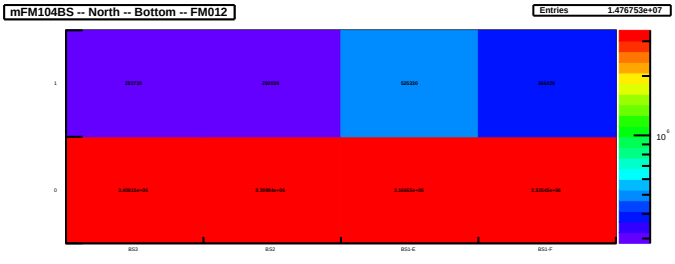
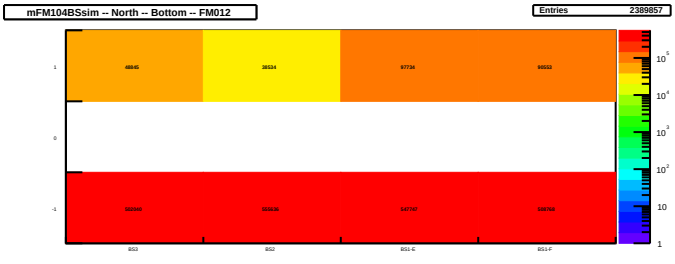
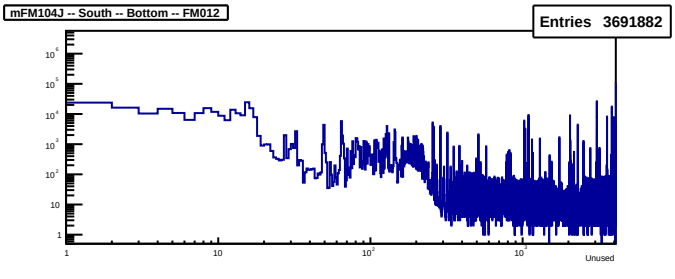
Entries 769101
J(23)

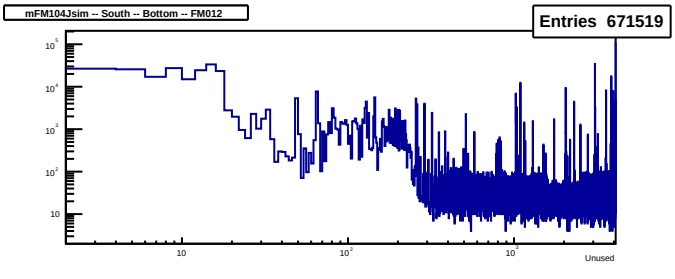

mFM104JP -- South -- Bottom/Side -- FM011
Entries 7383764

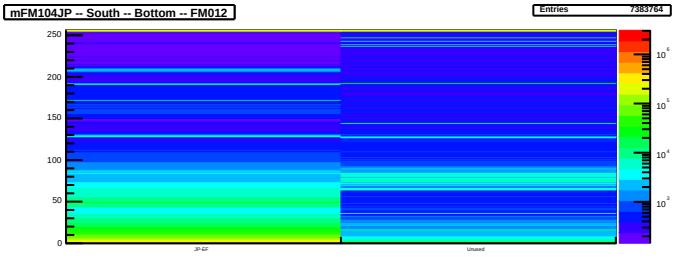

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1509039

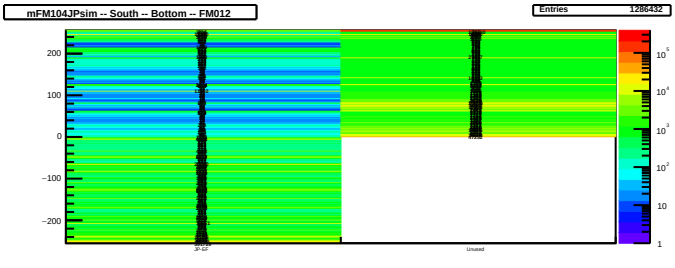

mFM104BS -- North -- Bottom -- FM012
Entries 1.476753e+07

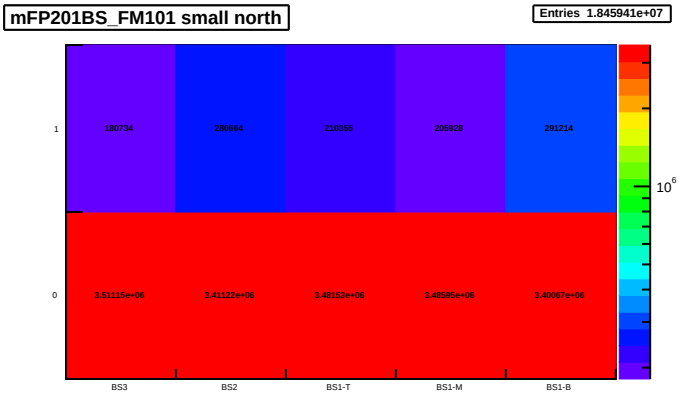

mFM104BSsim -- North -- Bottom -- FM012
Entries 2389857

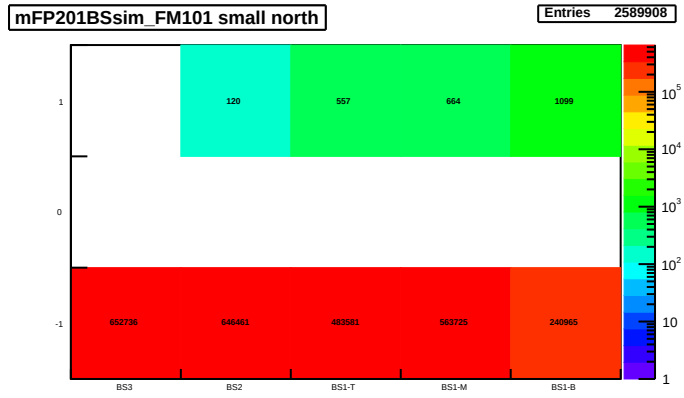

mFM104J -- South -- Bottom -- FM012
Entries 3691882
Unused

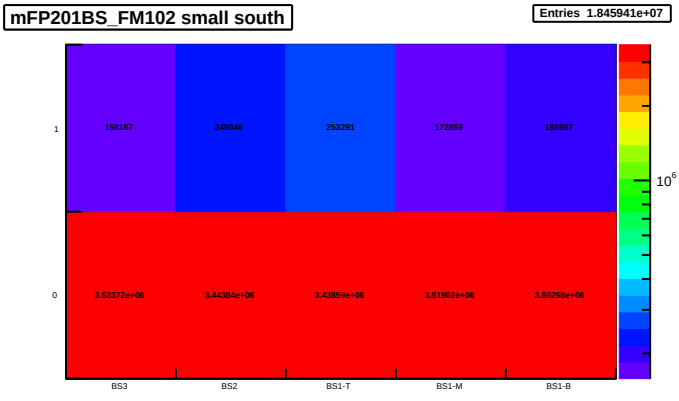

mFM104Jsim -- South -- Bottom -- FM012
Entries 671519
Unused

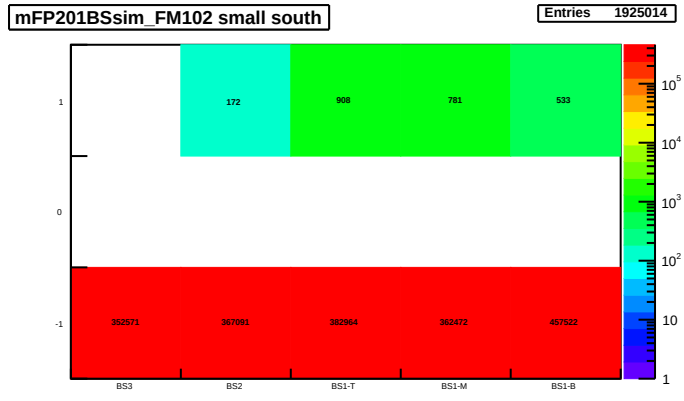

mFM104JP -- South -- Bottom -- FM012
Entries 7383764


mFM104JPsim -- South -- Bottom -- FM012
Entries 1286432


mFP201BS_FM101 small north
Entries 1.845941e+07
1
0
180734
280664
210355
205928
291214
3.51115e+06
3.41122e+06
3.48153e+06
3.48595e+06
3.40067e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 2589908
1
0
-1
120
557
664
1099
652736
646461
483581
563725
240965
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 1.845941e+07
1
0
158167
248046
253291
172859
188897
3.53372e+06
3.44384e+06
3.43859e+06
3.51902e+06
3.50298e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM102 small south
Entries 1925014
1
0
-1
172
908
781
533
352571
367091
382964
362472
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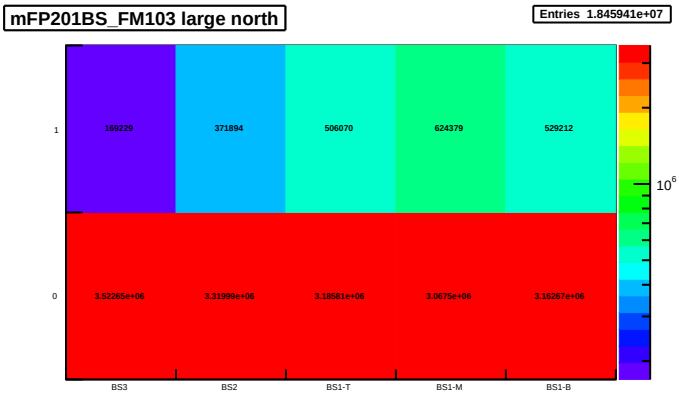
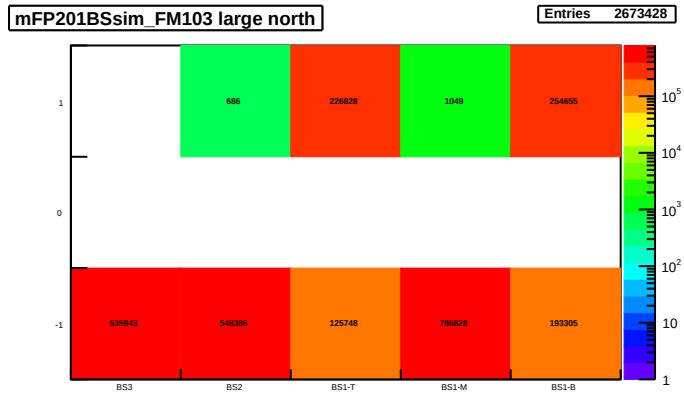
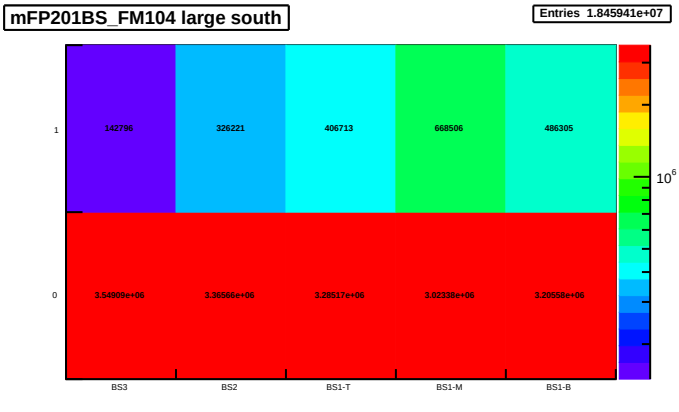
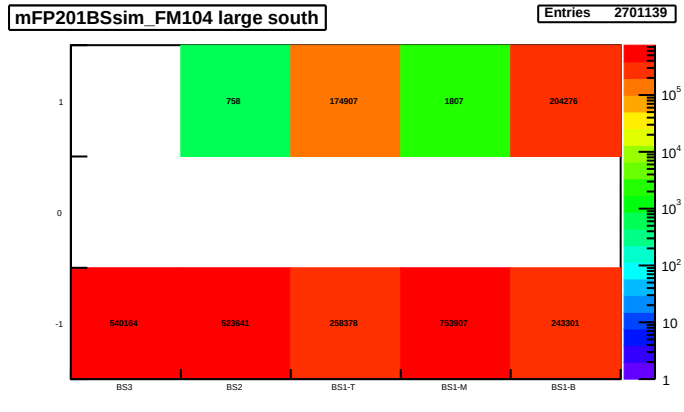
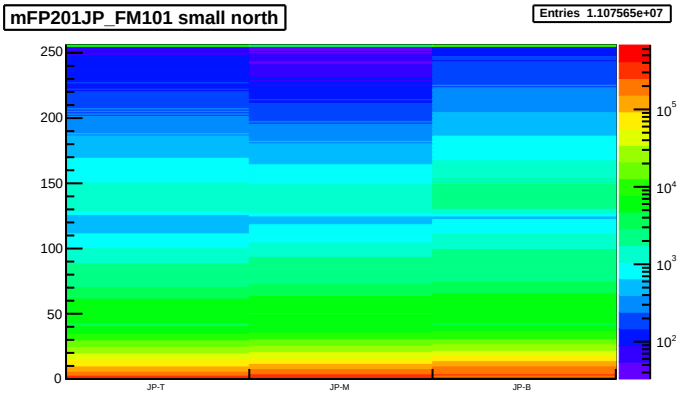
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

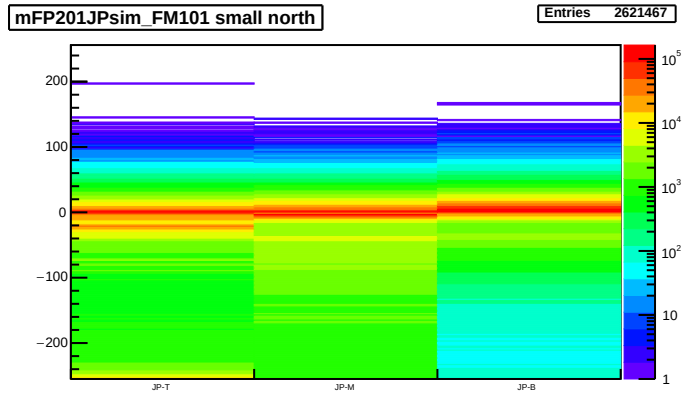

mFP201BS_FM103 large north
Entries 1.845941e+07
1
0
169229
371894
506070
624379
529212
3.52265e+06
3.31999e+06
3.18581e+06
3.0675e+06
3.16267e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

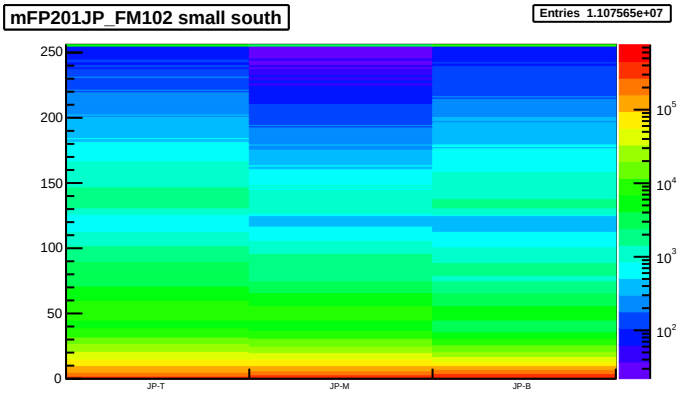

mFP201BSsim_FM103 large north
Entries 2673428
1
0
-1
686
226828
1049
254655
535943
548386
125748
786828
193305
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

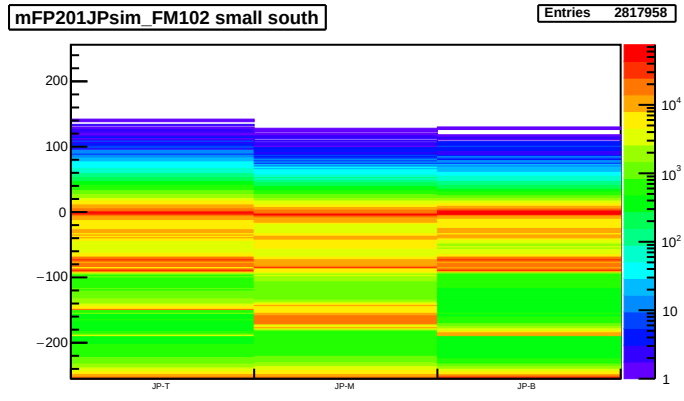

mFP201BS_FM104 large south
Entries 1.845941e+07
1
0
142796
326221
406713
668506
486305
3.54909e+06
3.36566e+06
3.28517e+06
3.02338e+06
3.20558e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

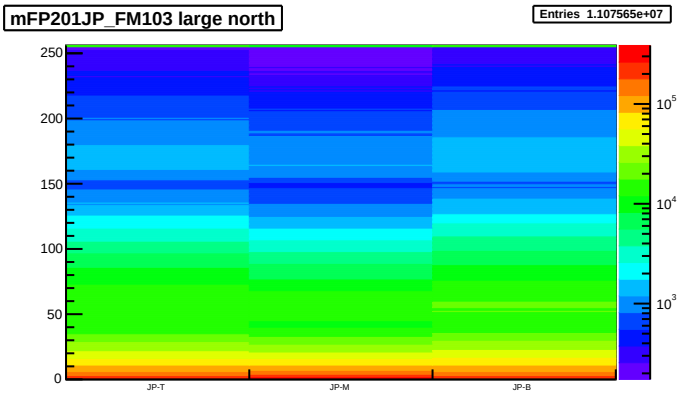

mFP201BSsim_FM104 large south
Entries 2701139
1
0
-1
758
174907
1807
204276
540164
523641
258378
753907
243301
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

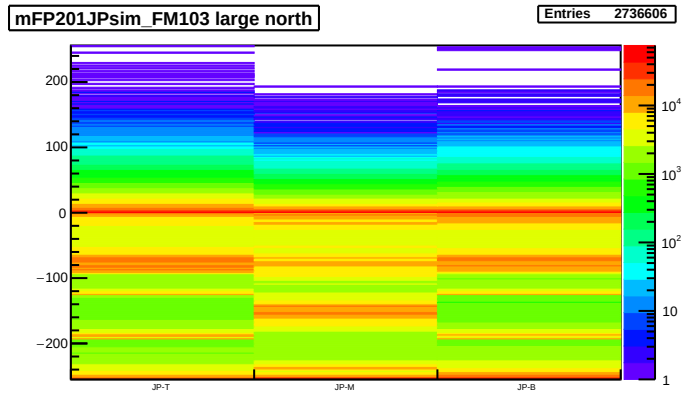

mFP201JP_FM101 small north
Entries 1.107565e+07
JP-T
JP-M
JP-B

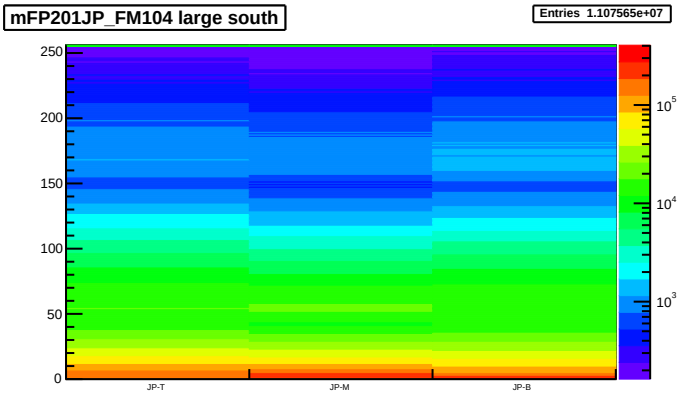

mFP201JPsim_FM101 small north
Entries 2621467
JP-T
JP-M
JP-B

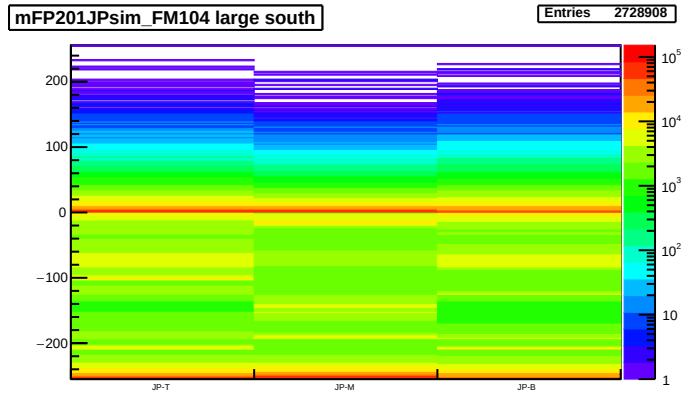

mFP201JP_FM102 small south
Entries 1.107565e+07
JP-T
JP-M
JP-B

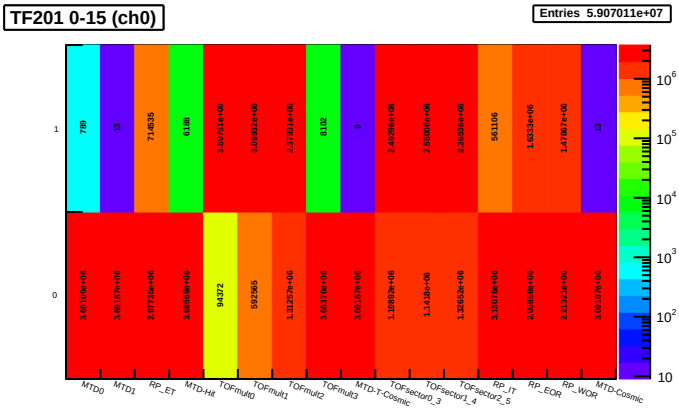

mFP201JPsim_FM102 small south
Entries 2817958
JP-T
JP-M
JP-B

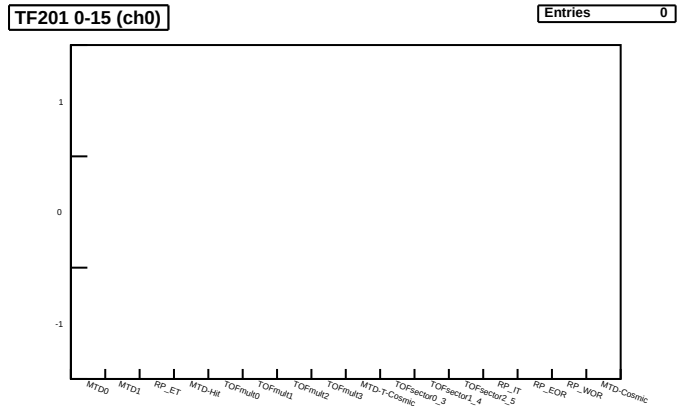

mFP201JP_FM103 large north
Entries 1.107565e+07
JP-T
JP-M
JP-B

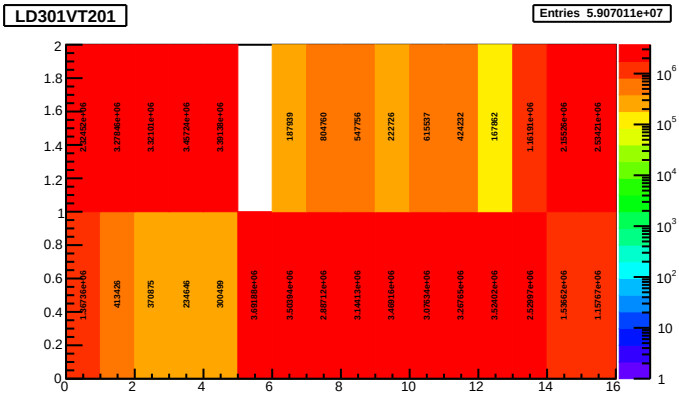

mFP201JPsim_FM103 large north
Entries 2736606
JP-T
JP-M
JP-B

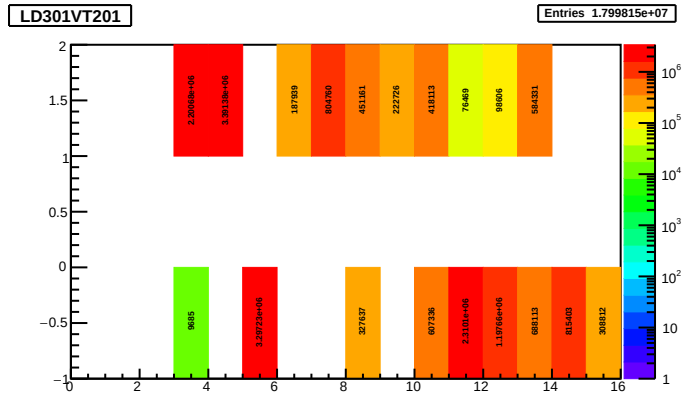

mFP201JP_FM104 large south
Entries 1.107565e+07
JP-T
JP-M
JP-B

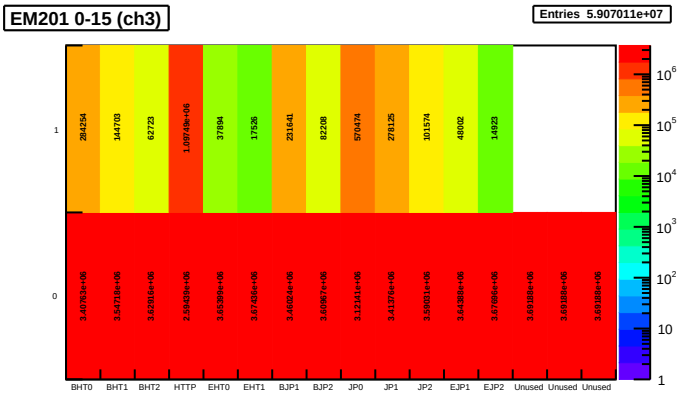

mFP201JPsim_FM104 large south
Entries 2728908
JP-T
JP-M
JP-B

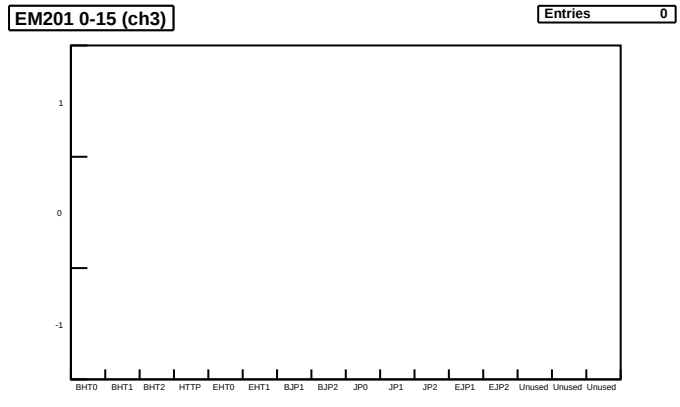

TF201 0-15 (ch0)
Entries 5.907011e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

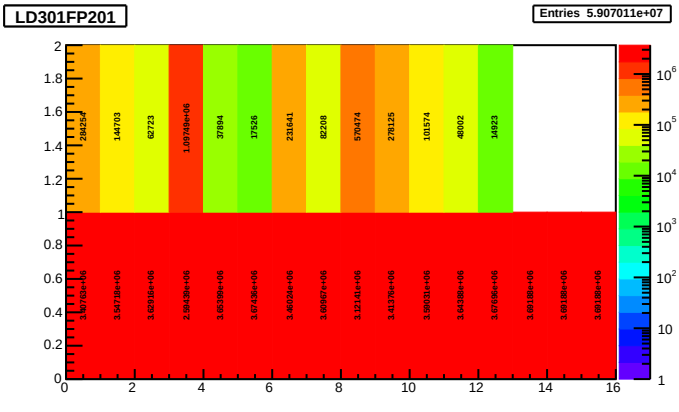

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

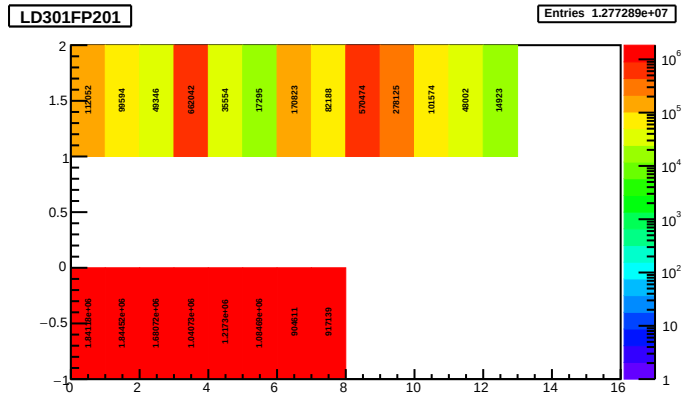

LD301VT201
Entries 5.907011e+07


LD301VT201
Entries 1.799815e+07


EM201 0-15 (ch3)
Entries 5.907011e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 5.907011e+07


LD301FP201
Entries 1.277289e+07