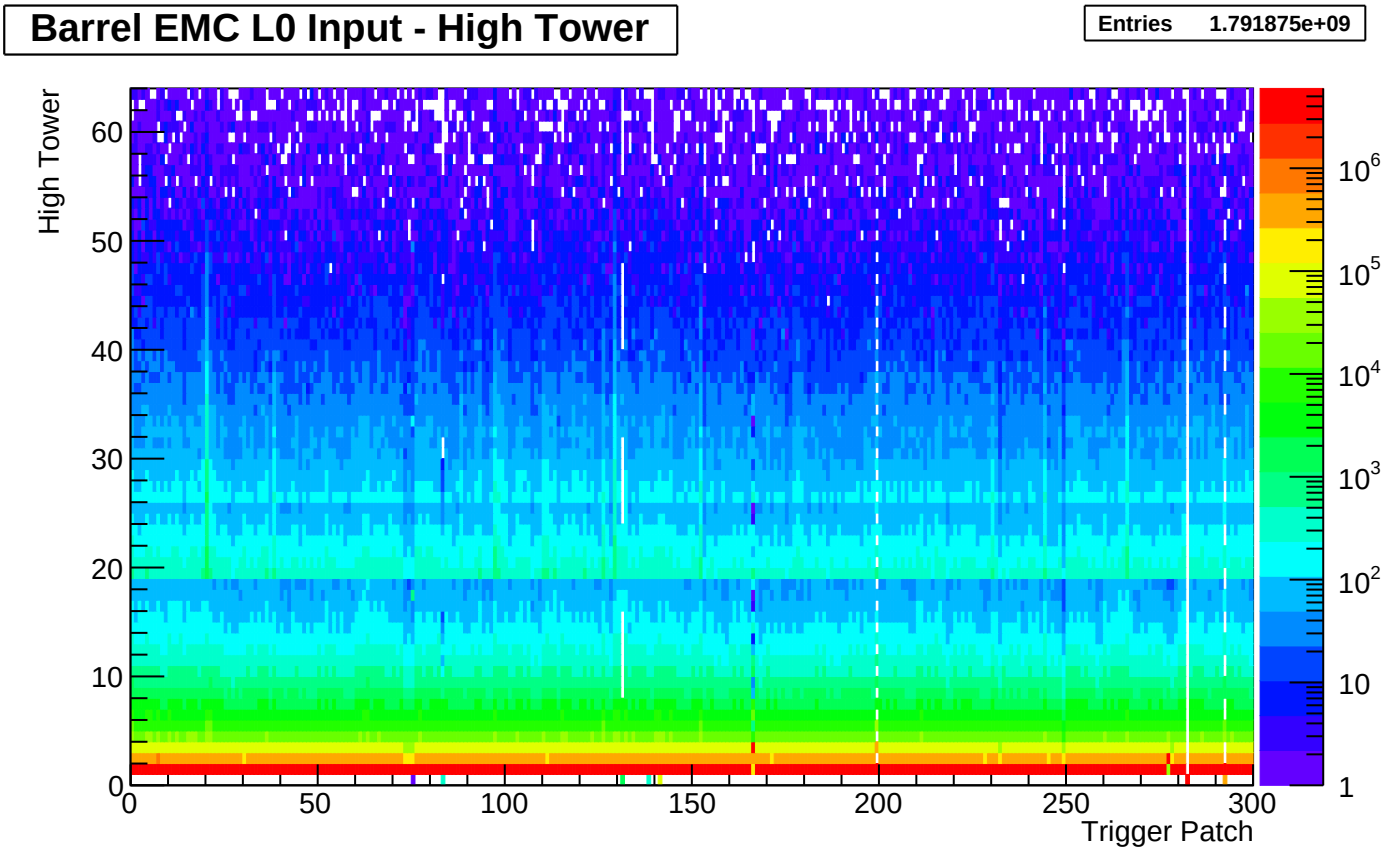
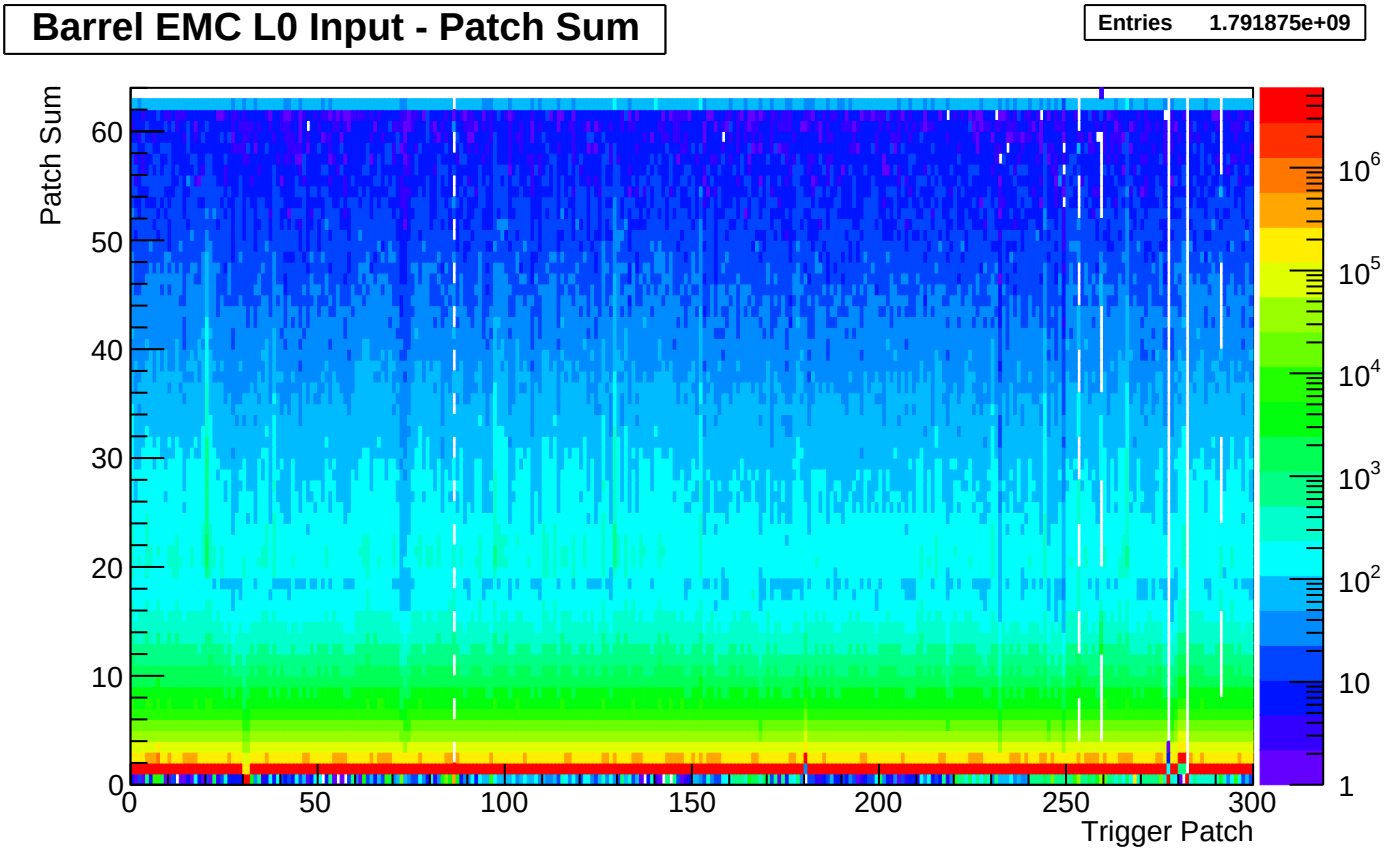
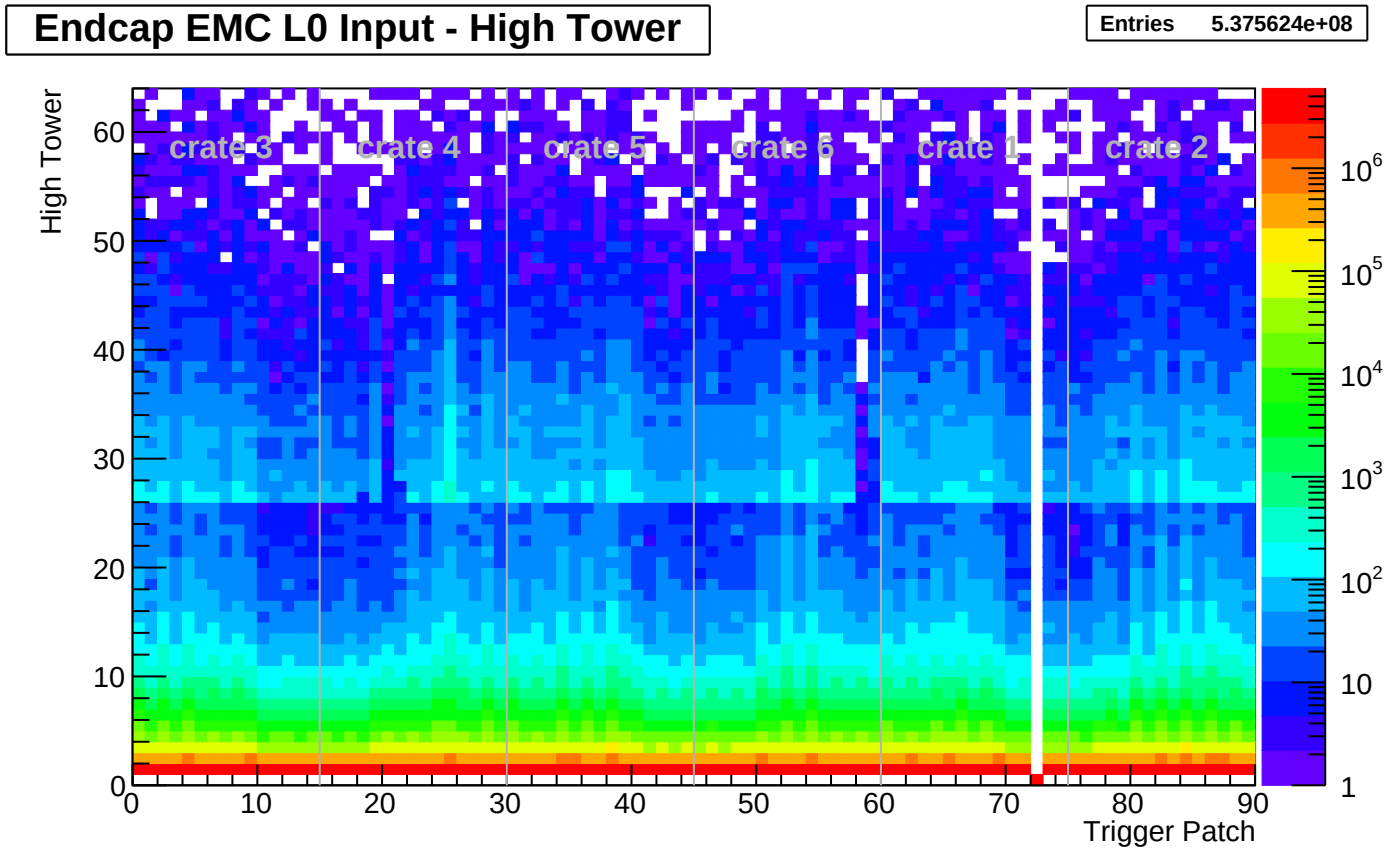
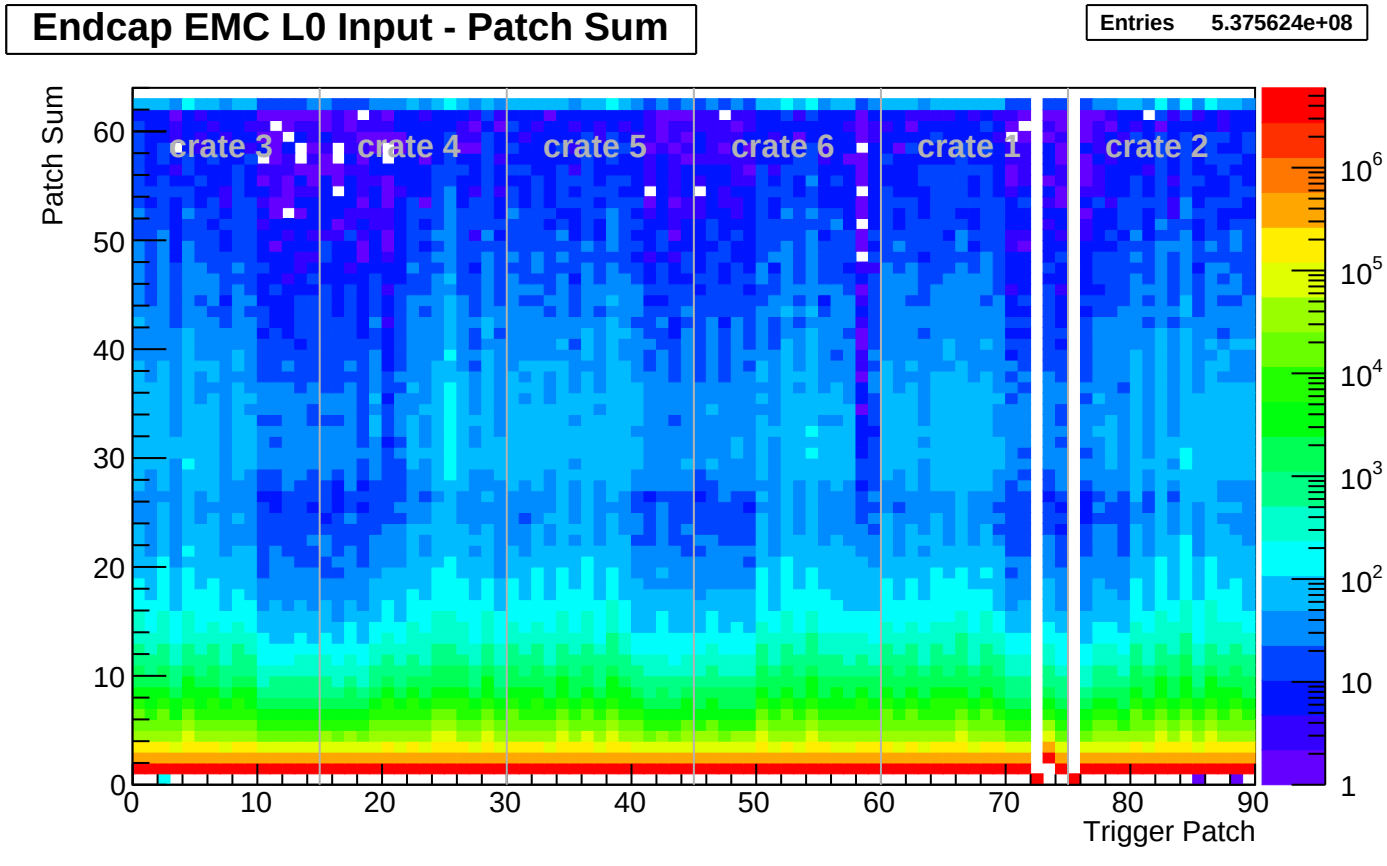
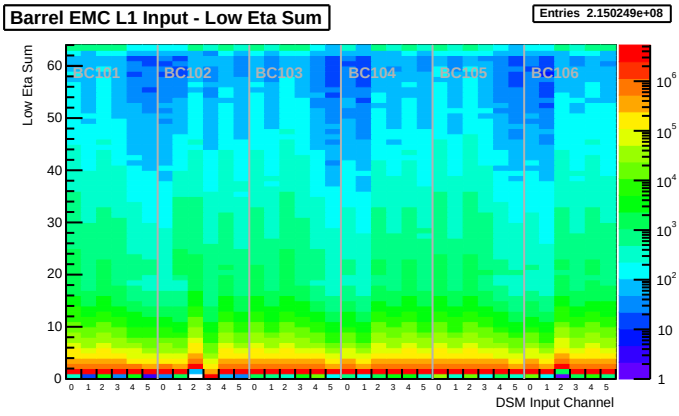
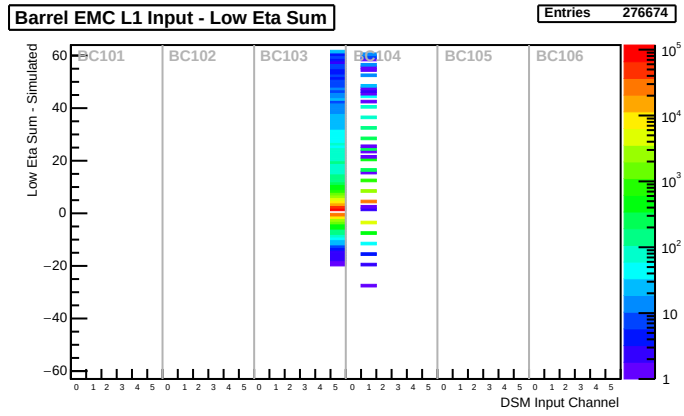

Barrel EMC L0 Input - High Tower
Entries 1.791875e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

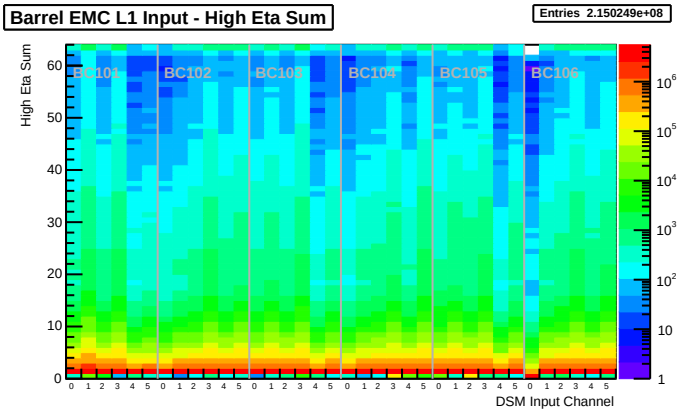

Barrel EMC L0 Input - Patch Sum
Entries 1.791875e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

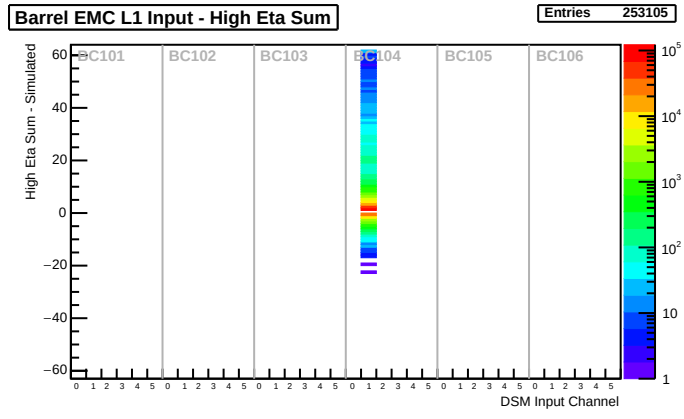

Endcap EMC L0 Input - High Tower
Entries 5.375624e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

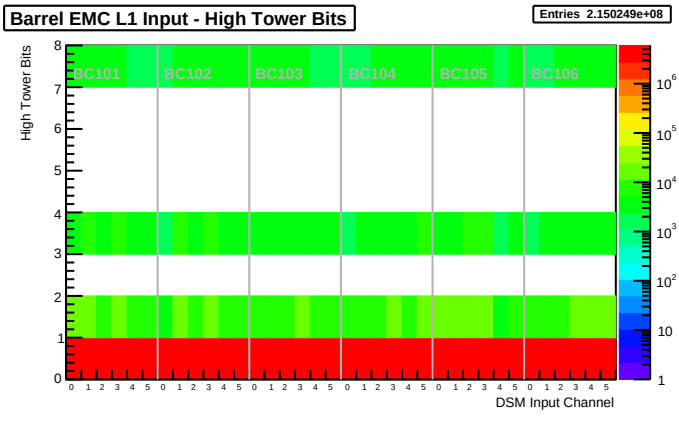

Endcap EMC L0 Input - Patch Sum
Entries 5.375624e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

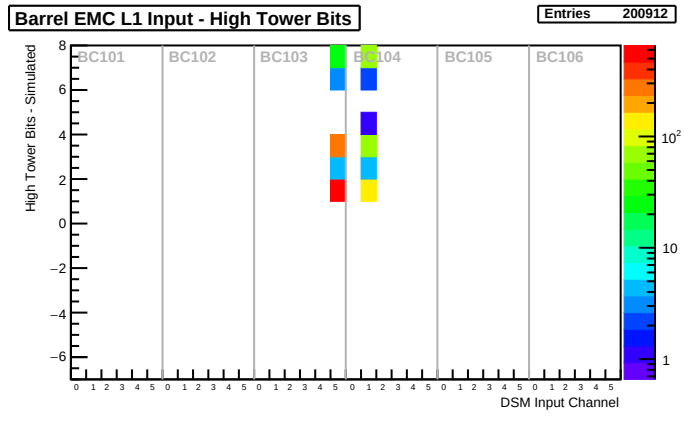

Barrel EMC L1 Input - Low Eta Sum
Entries 2.150249e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

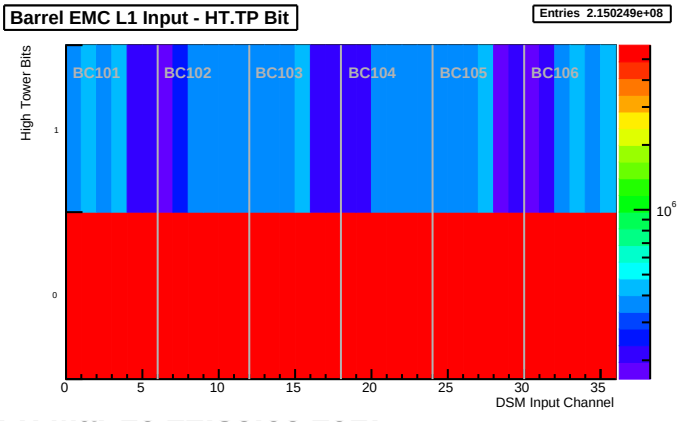

Barrel EMC L1 Input - Low Eta Sum
Entries 276674
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

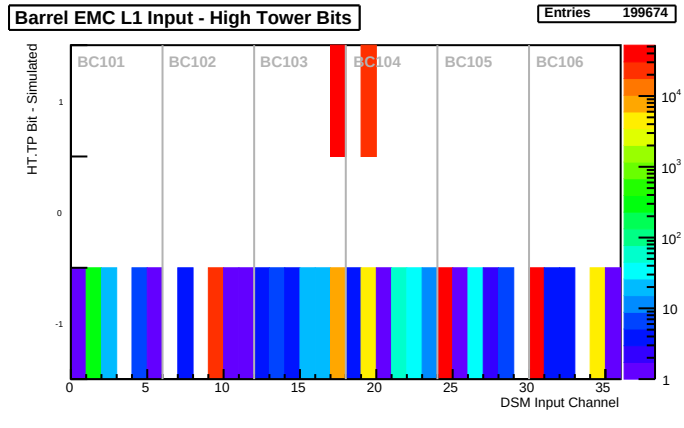

Barrel EMC L1 Input - High Eta Sum
Entries 2.150249e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

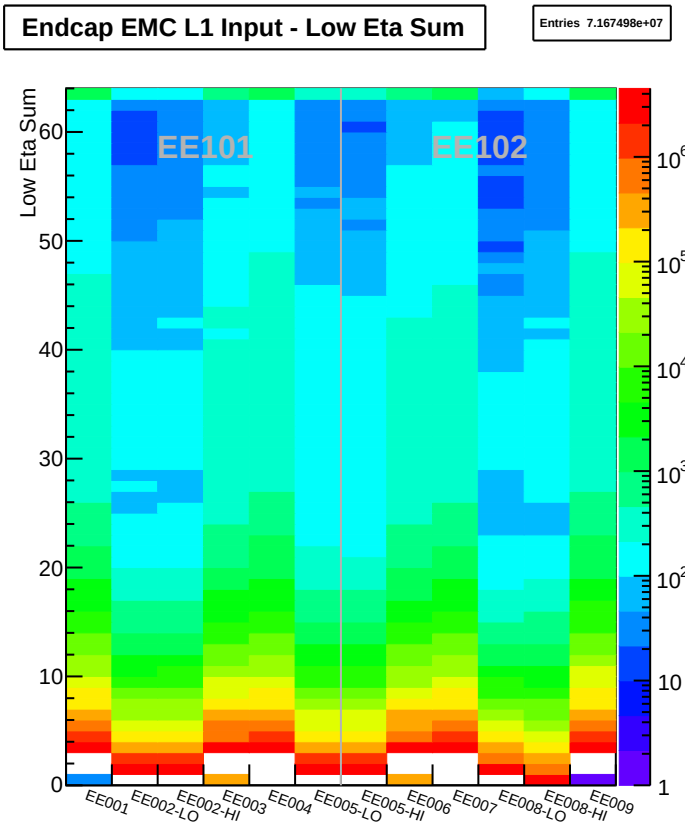

Barrel EMC L1 Input - High Eta Sum
Entries 253105
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

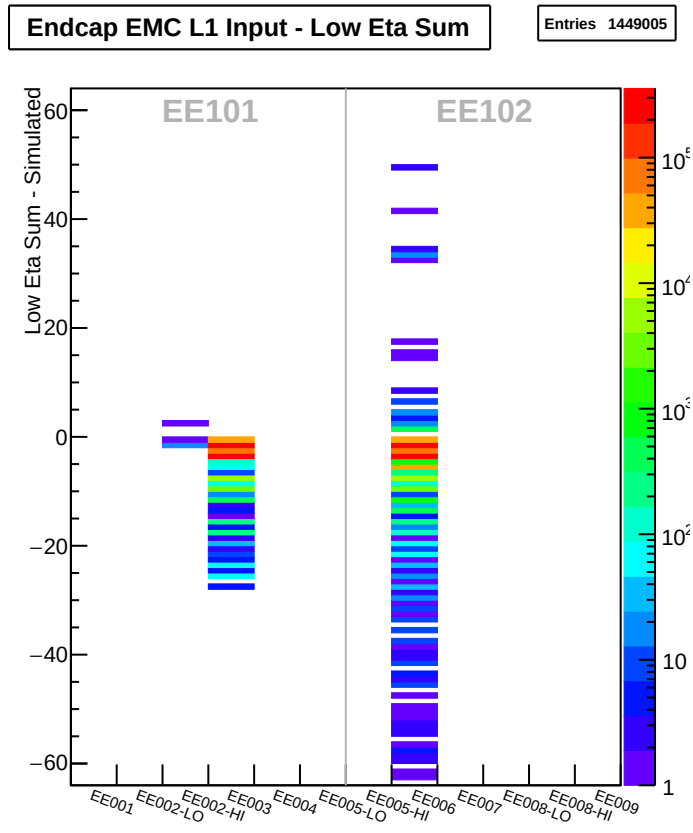

Barrel EMC L1 Input - High Tower Bits
Entries 2.150249e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

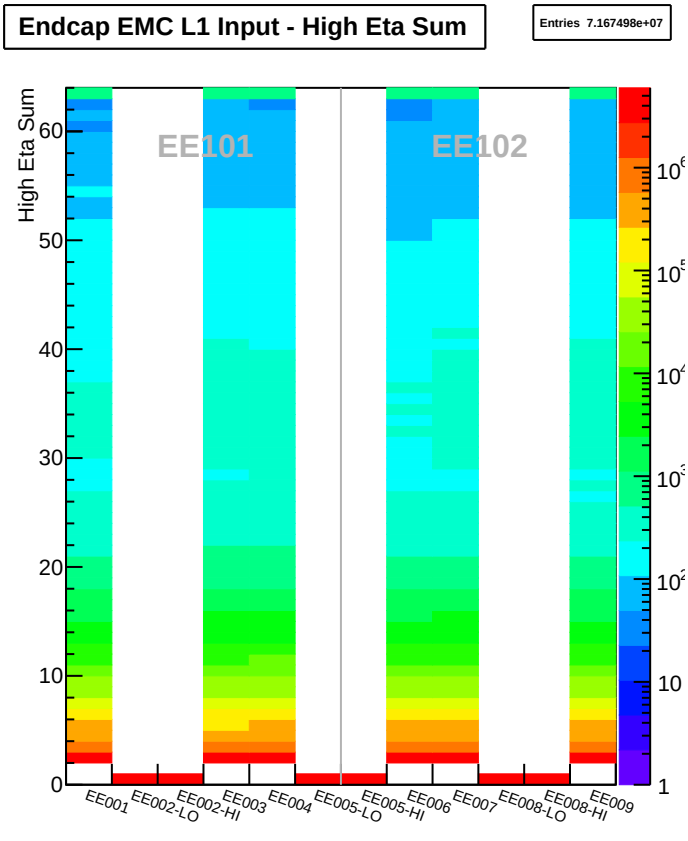

Barrel EMC L1 Input - High Tower Bits
Entries 200912
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

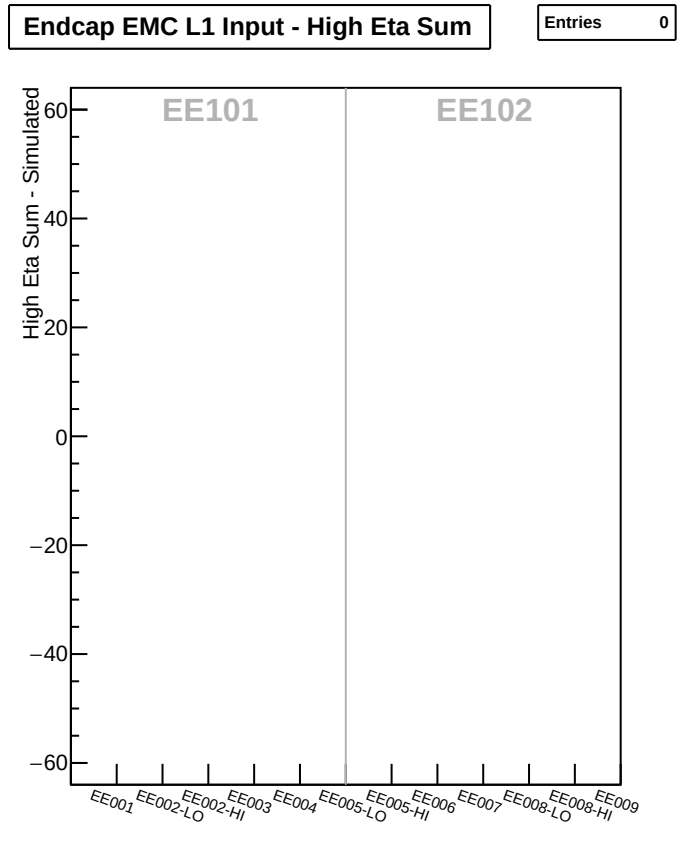

Barrel EMC L1 Input - HT.TP Bit
Entries 2.150249e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

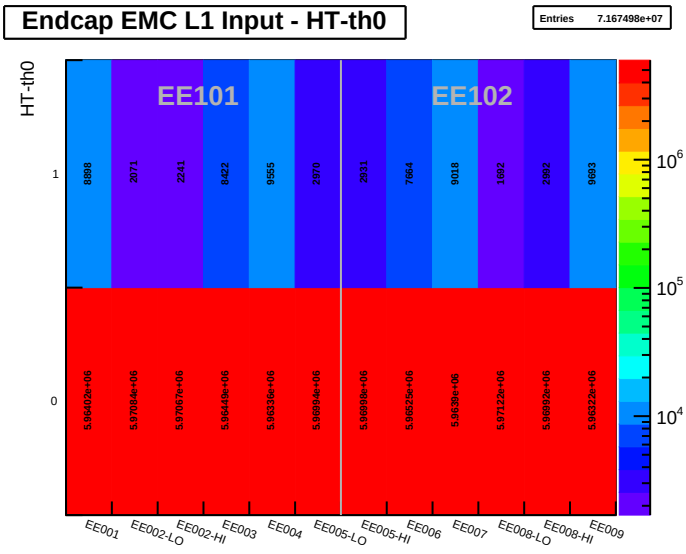

Barrel EMC L1 Input - High Tower Bits
Entries 199674
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

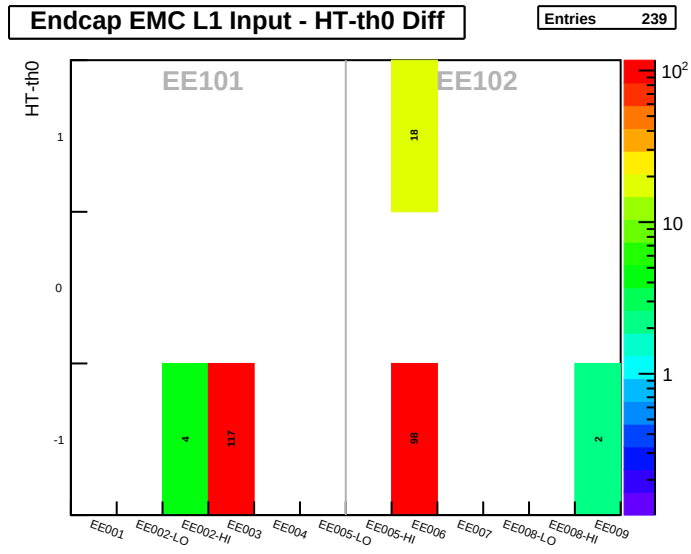

Endcap EMC L1 Input - Low Eta Sum
Entries 7.167498e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

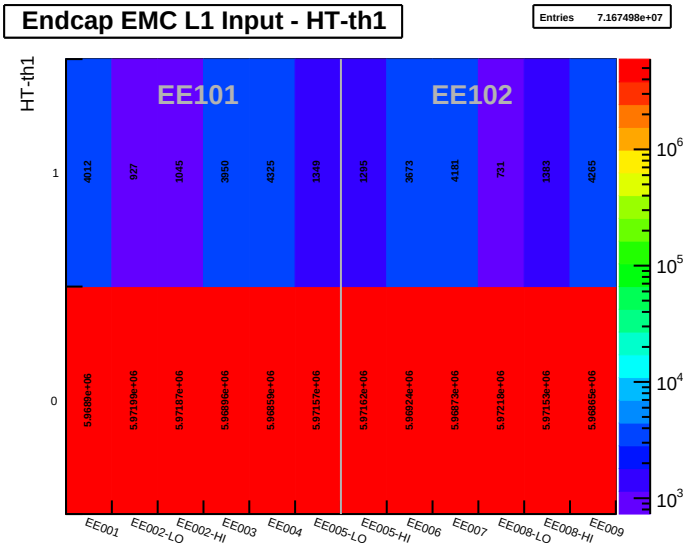

Endcap EMC L1 Input - Low Eta Sum
Entries 1449005
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

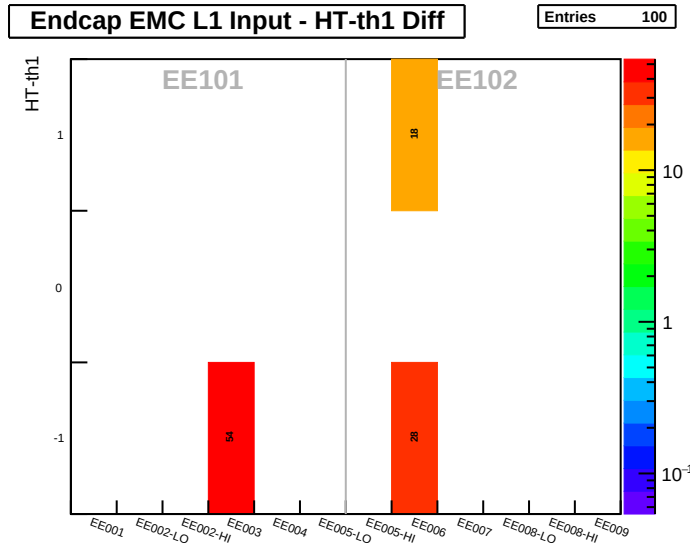

Endcap EMC L1 Input - High Eta Sum
Entries 7.167498e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

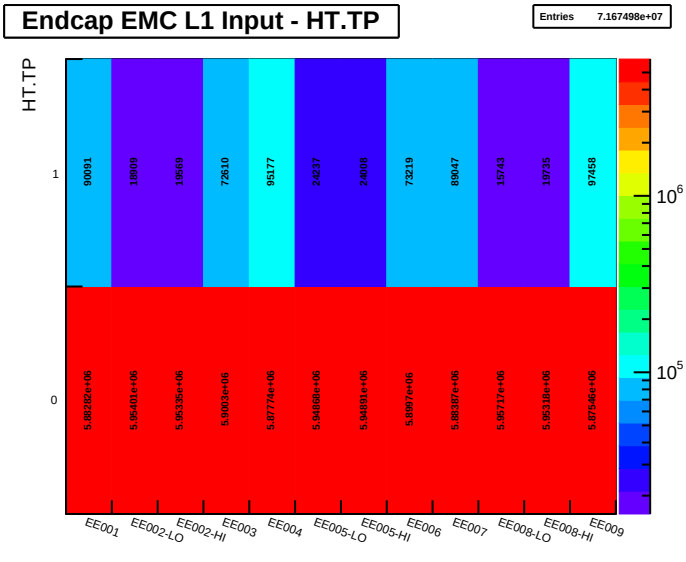

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

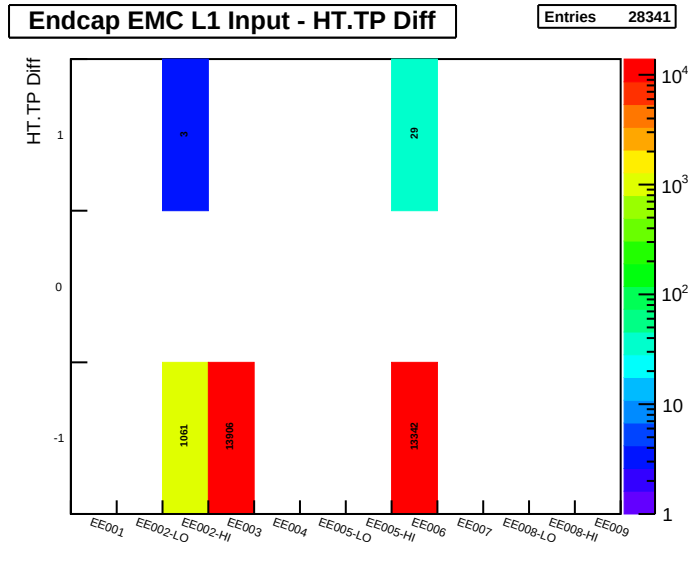

Endcap EMC L1 Input - HT-th0
Entries 7.167498e+07
HT-th0
EE101
EE102
8898 2071 2241 8422 9555 2970 2931 7664 9018 1692 2392 9693
5.96402e+06 5.97084e+06 5.97067e+06 5.96449e+06 5.96336e+06 5.96994e+06 5.96898e+06 5.96825e+06 5.96939e+06 5.97122e+06 5.96892e+06 5.96322e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

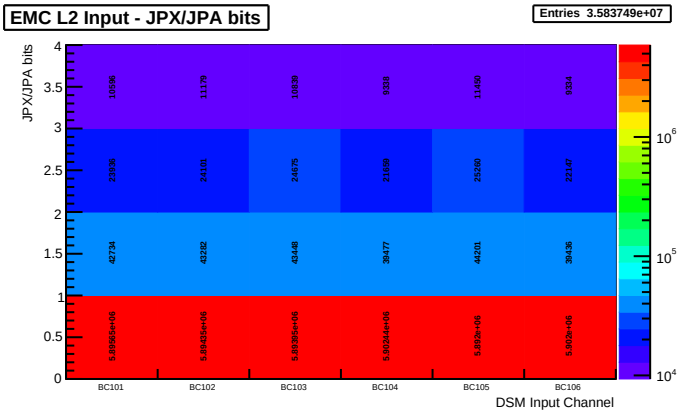

Endcap EMC L1 Input - HT-th0 Diff
Entries 239
HT-th0
EE101
EE102
18
4 117 98 2
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

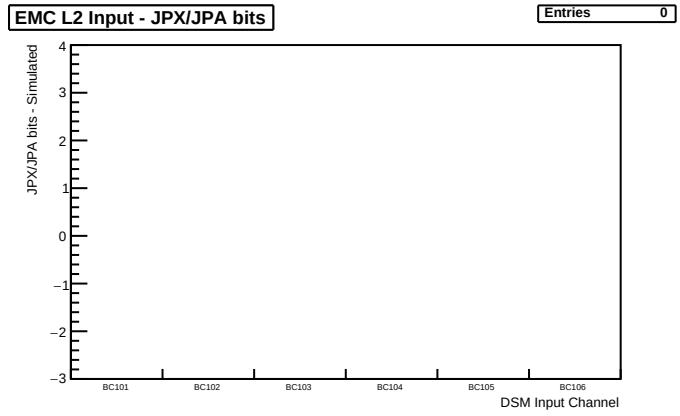

Endcap EMC L1 Input - HT-th1
Entries 7.167498e+07
HT-th1
EE101
EE102
4012 927 1045 3950 4325 1349 1295 3673 4181 731 1383 4265
5.96680e+06 5.97199e+06 5.97187e+06 5.96896e+06 5.96859e+06 5.97157e+06 5.97162e+06 5.96924e+06 5.96873e+06 5.97218e+06 5.97153e+06 5.96865e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

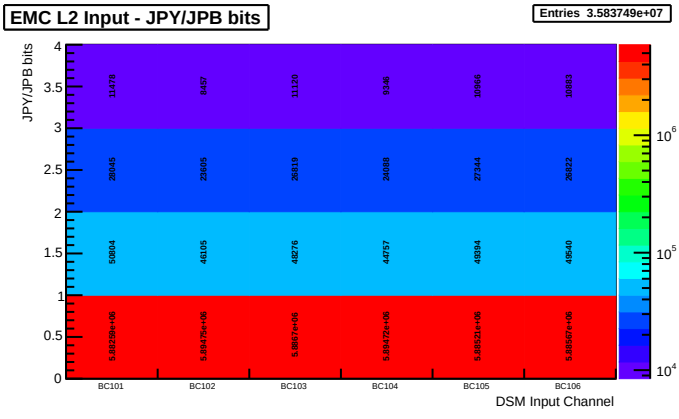

Endcap EMC L1 Input - HT-th1 Diff
Entries 100
HT-th1
EE101
EE102
18
54 28
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

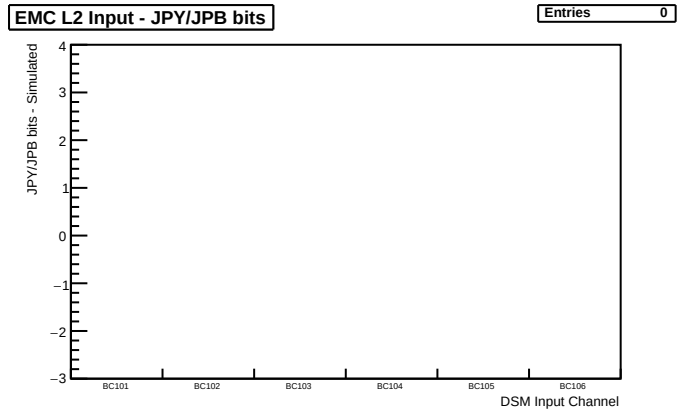

Endcap EMC L1 Input - HT.TP
Entries 7.167498e+07
HT.TP
90091 18809 19569 72510 95177 24237 24008 73219 89047 15743 19735 97458
5.88282e+06 5.95401e+06 5.96335e+06 5.9003e+06 5.87774e+06 5.94868e+06 5.94891e+06 5.8997e+06 5.89387e+06 5.88717e+06 5.95318e+06 5.87546e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

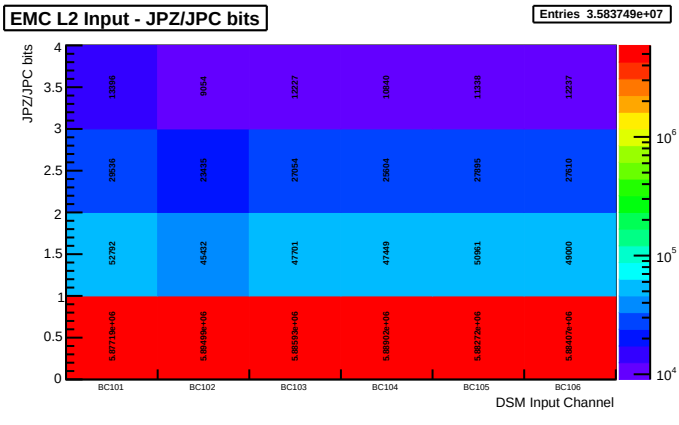

Endcap EMC L1 Input - HT.TP Diff
Entries 28341
HT.TP Diff
3
29
1061 13906 13342
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

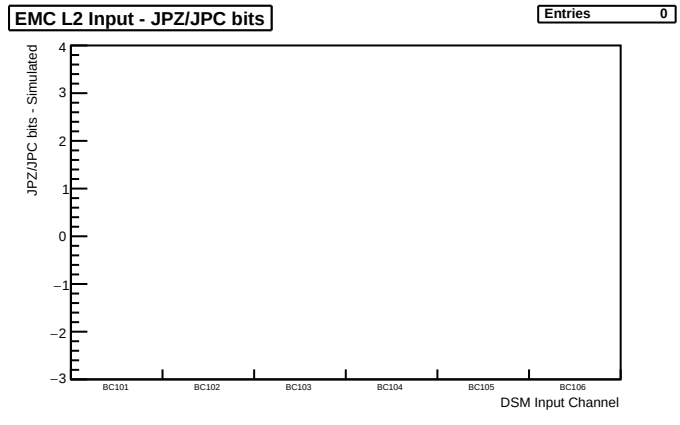

EMC L2 Input - JPX/JPA bits
Entries 3.583749e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

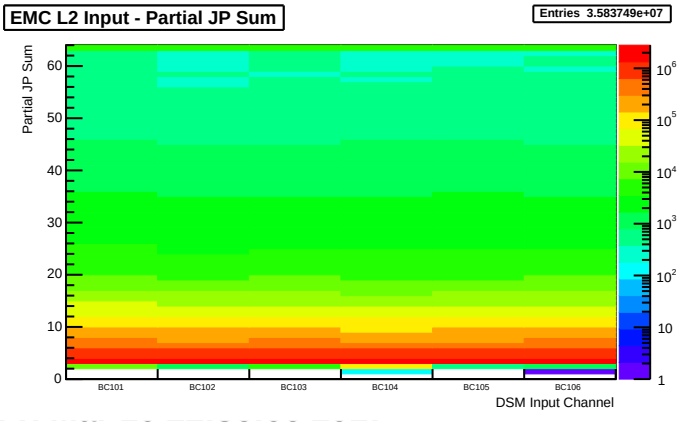

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

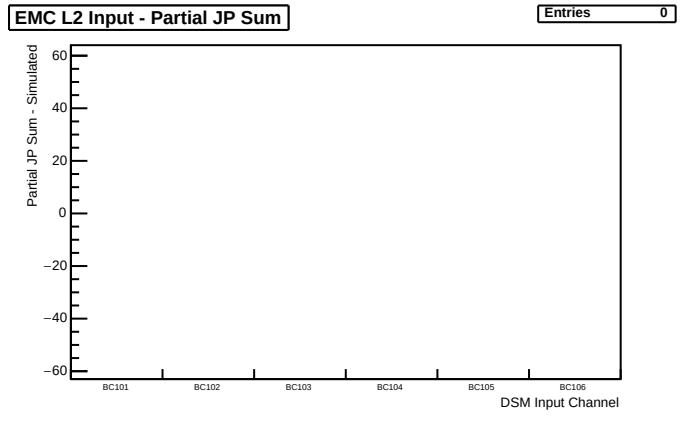

EMC L2 Input - JPY/JPB bits
Entries 3.583749e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

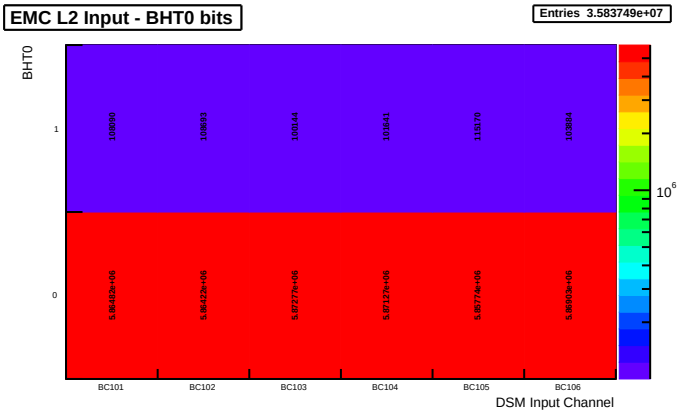

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

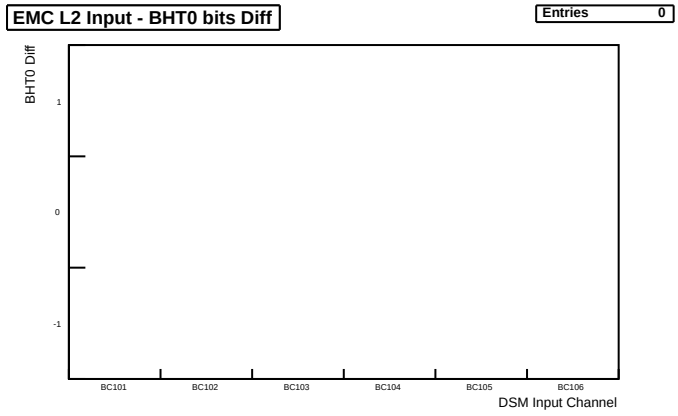

EMC L2 Input - JPZ/JPC bits
Entries 3.583749e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

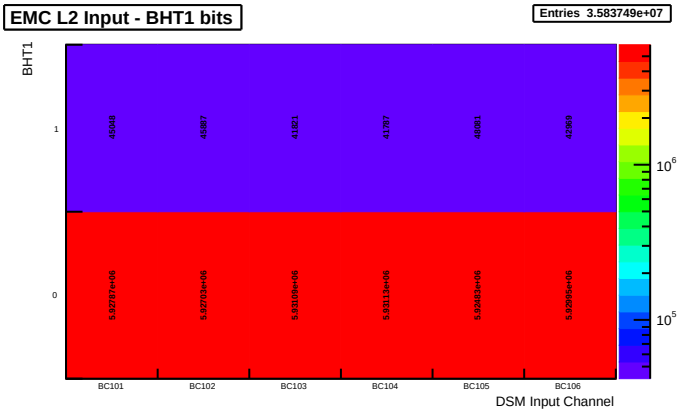

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

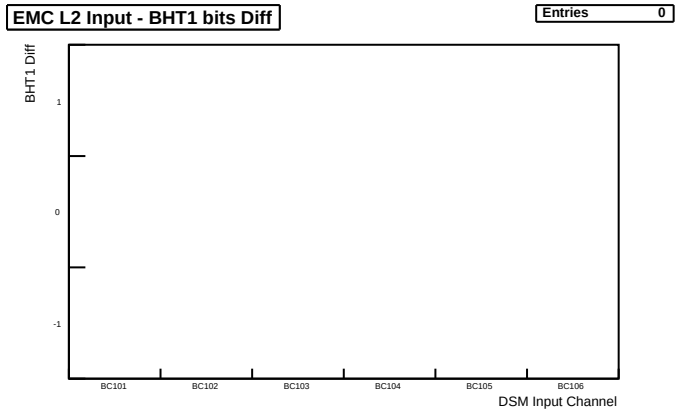

EMC L2 Input - Partial JP Sum
Entries 3.583749e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

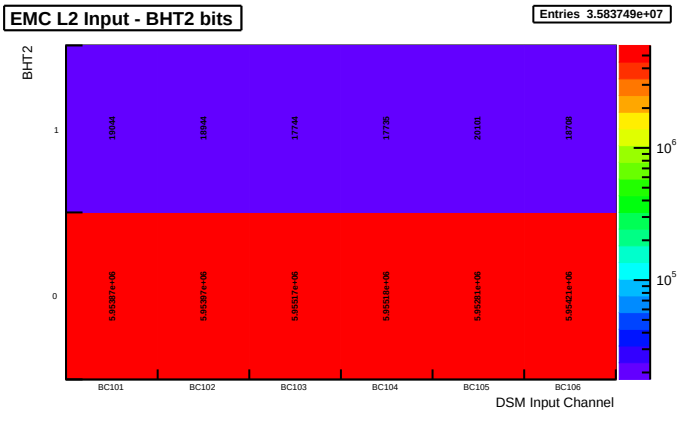

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

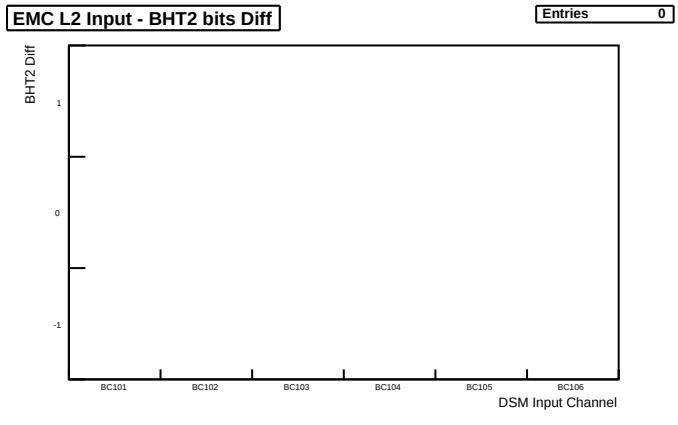

EMC L2 Input - BHT0 bits
Entries 3.583749e+07
BHT0
1
0
108990
108993
100144
101641
115170
103824
5.84482e+06
5.86422e+06
5.87277e+06
5.87122e+06
5.85774e+06
5.85093e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

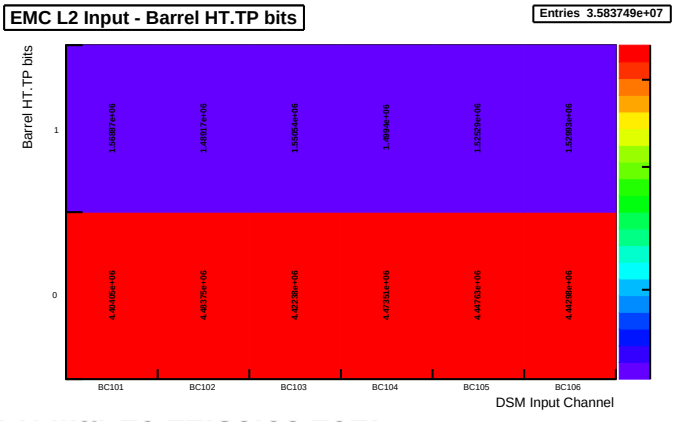

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

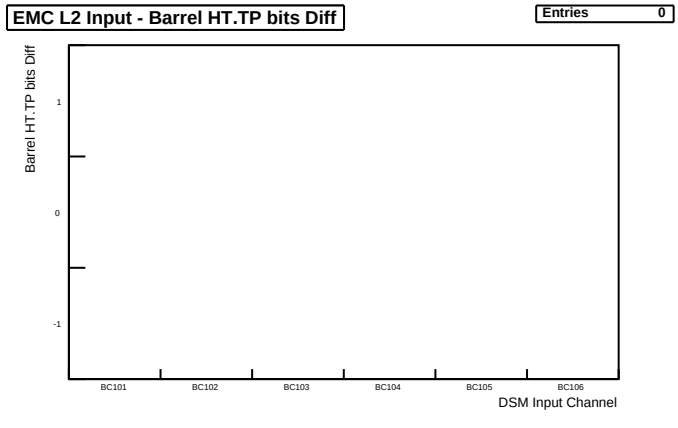

EMC L2 Input - BHT1 bits
Entries 3.583749e+07
BHT1
1
0
43048
43087
41821
41787
43881
42869
5.92787e+06
5.92703e+06
5.93109e+06
5.93113e+06
5.92983e+06
5.92905e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

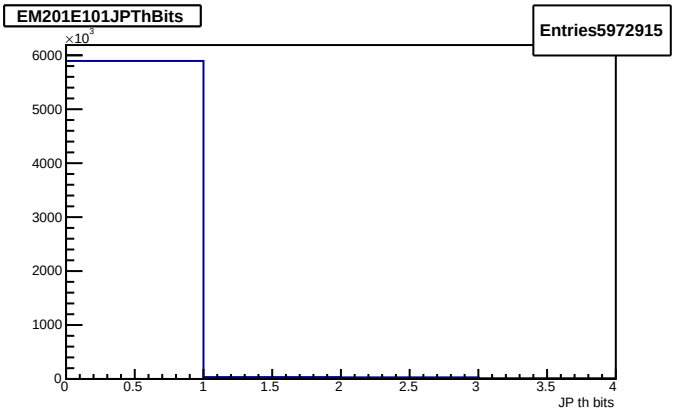

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

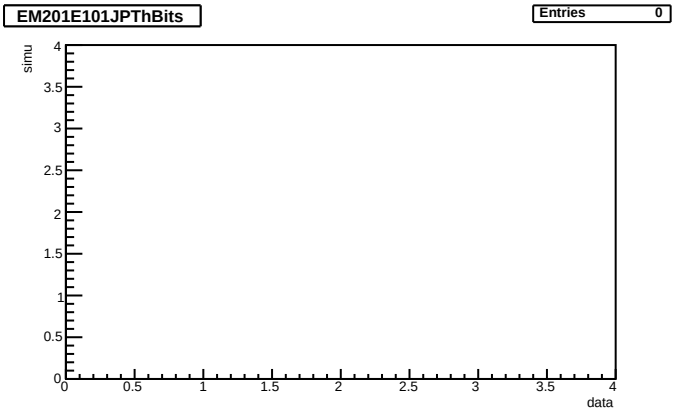

EMC L2 Input - BHT2 bits
Entries 3.583749e+07
BHT2
1
0
19344
18944
17744
17735
20101
18708
5.95387e+06
5.95387e+06
5.95517e+06
5.95518e+06
5.95281e+06
5.95421e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

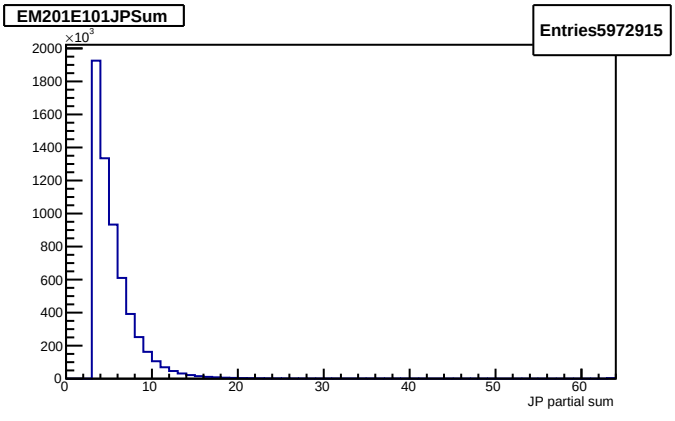

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

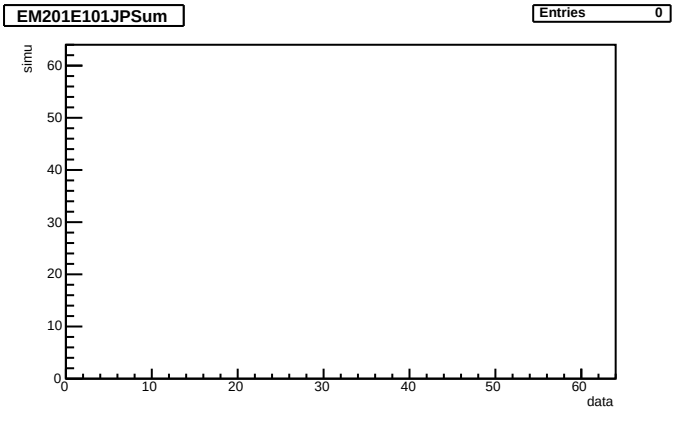

EMC L2 Input - Barrel HT.TP bits
Entries 3.583749e+07
Barrel HT.TP bits
1
0
1.56487e+06
1.49917e+06
1.55054e+06
1.4094e+06
1.52529e+06
1.52093e+06
4.40405e+06
4.48375e+06
4.42238e+06
4.47351e+06
4.44763e+06
4.44238e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

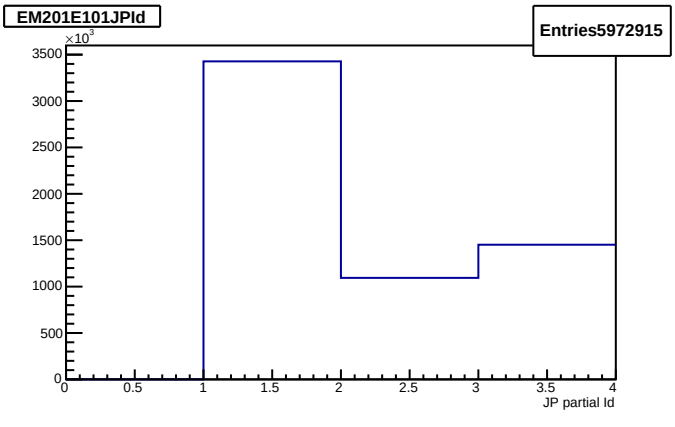

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

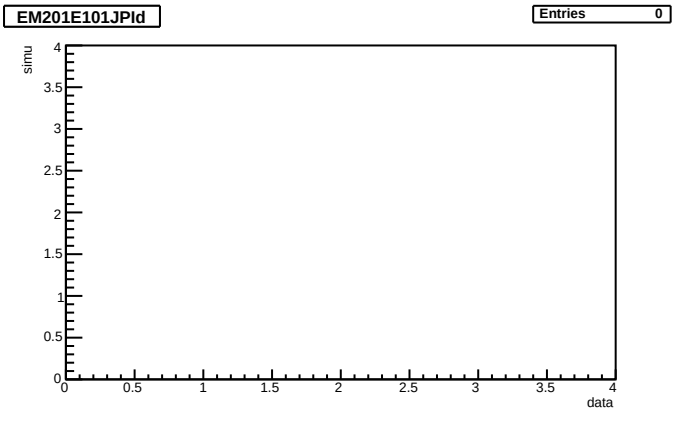

EM201E101JPThBits
Entries5972915
×10^3
JP th bits

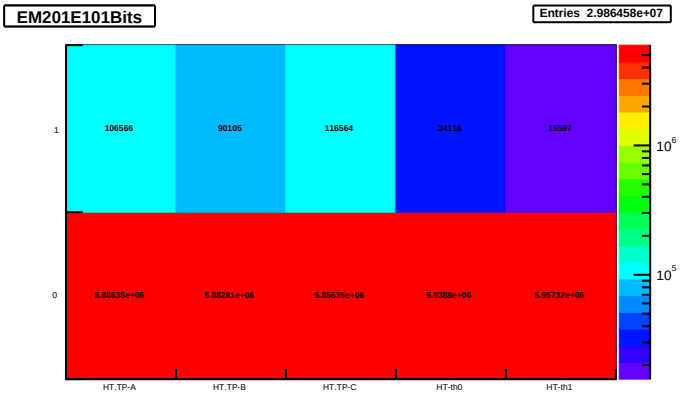

EM201E101JPThBits
Entries 0
simu
data

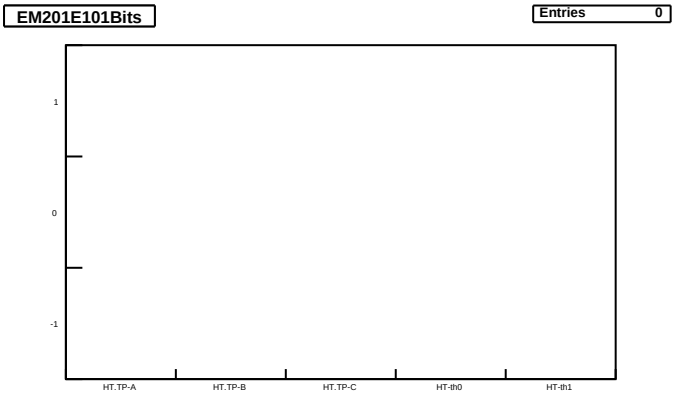

EM201E101JPSum
Entries5972915
×10^3
JP partial sum

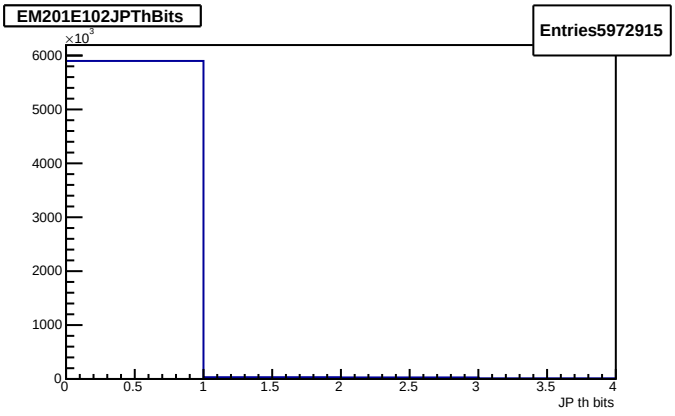

EM201E101JPSum
Entries 0
simu
data

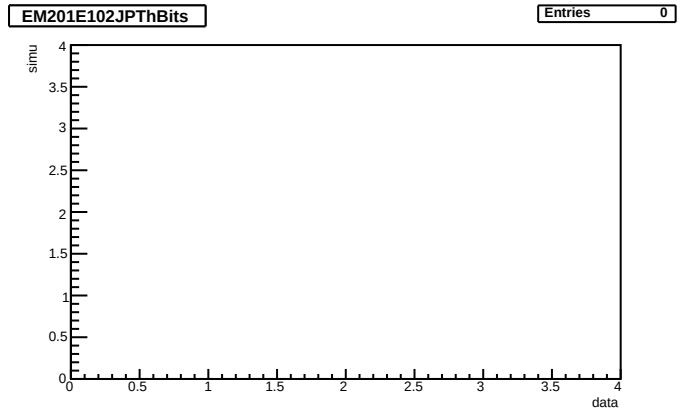

EM201E101JPId
Entries5972915
×10^3
JP partial Id

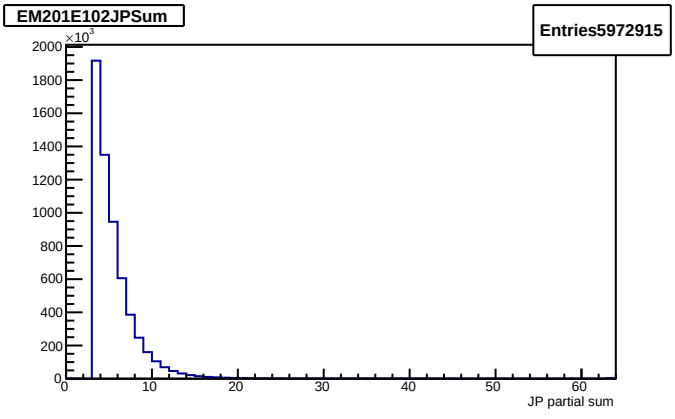

EM201E101JPId
Entries 0
simu
data

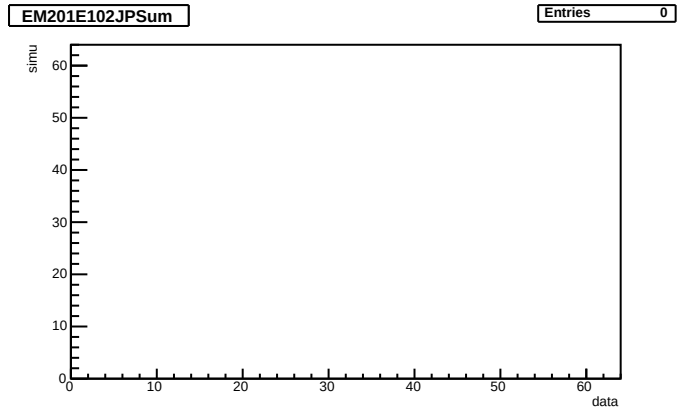

EM201E101Bits
Entries 2.986458e+07
106566
90105
116564
34116
15597
5.86635e+06
5.88281e+06
5.85635e+06
5.9388e+06
5.95732e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

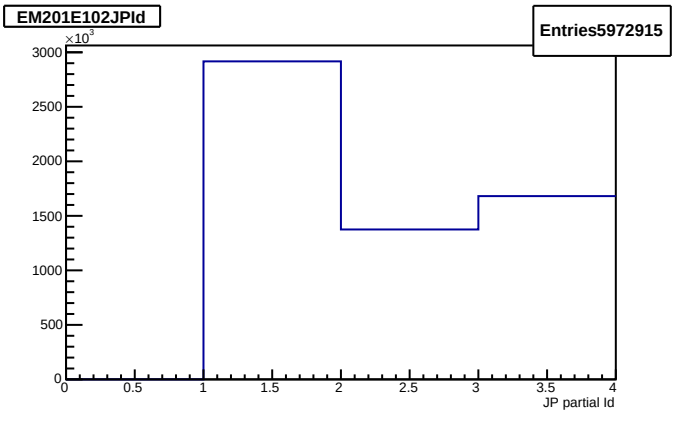

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

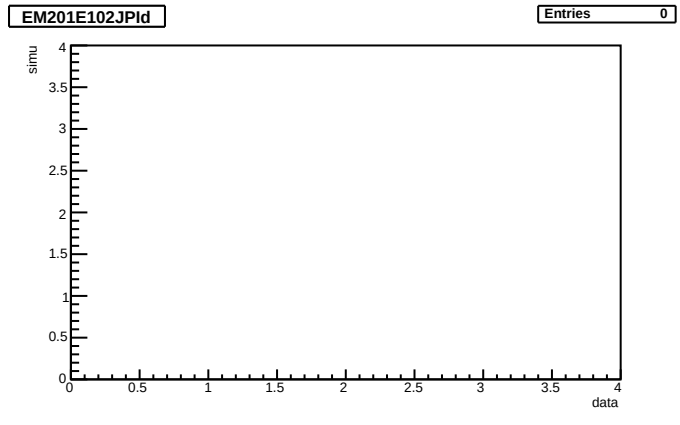

EM201E102JPThBits
Entries5972915
×10^3
JP th bits

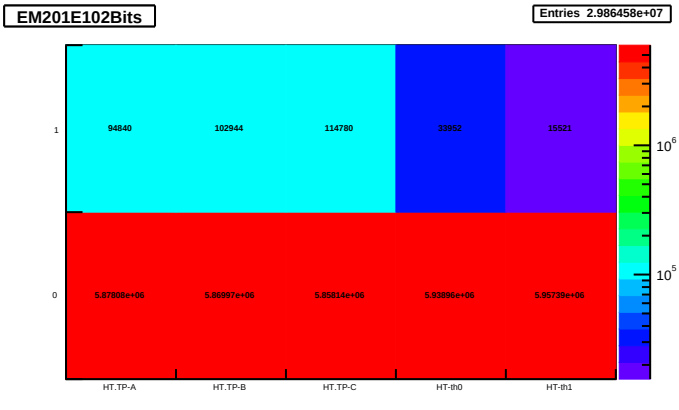

EM201E102JPThBits
Entries 0
simu
data

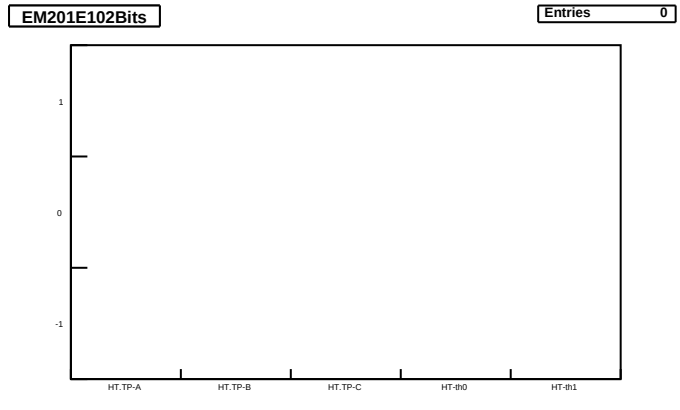

EM201E102JPSum
Entries5972915
×10^3
JP partial sum

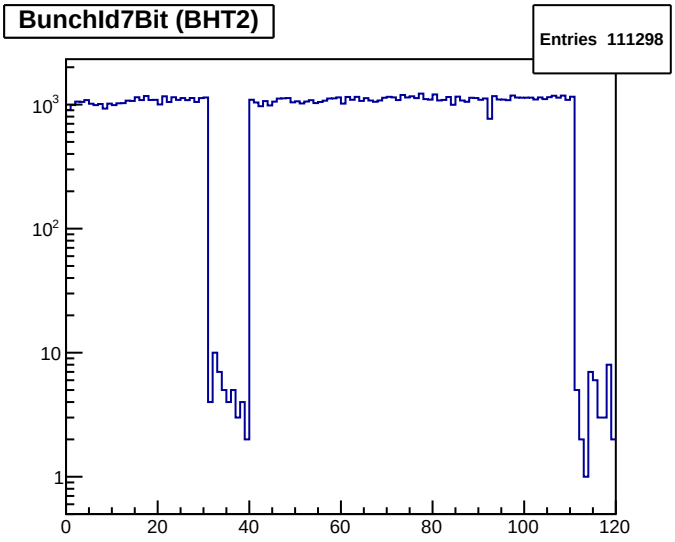

EM201E102JPSum
Entries 0
simu
data

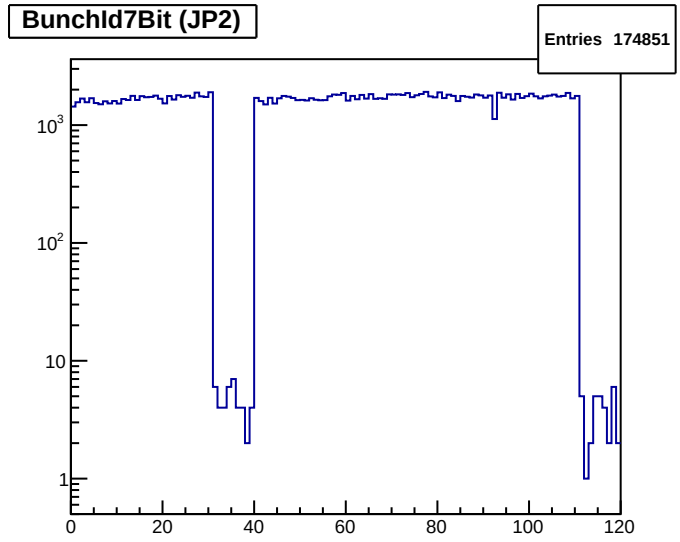

EM201E102JPId
Entries5972915
×10^3
JP partial Id

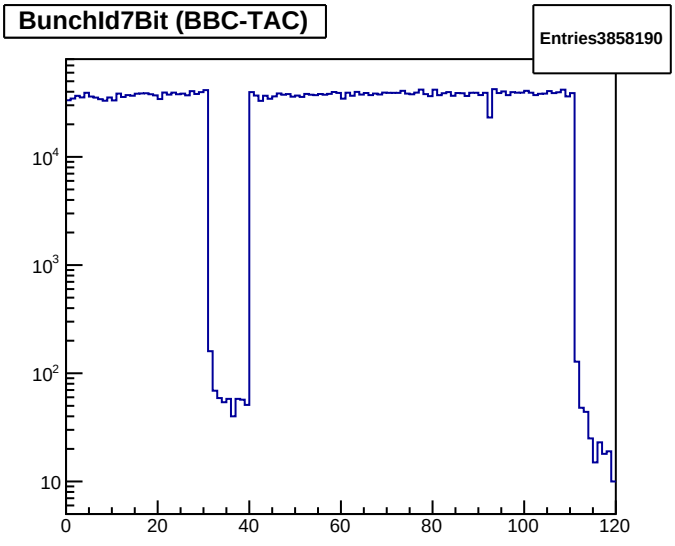

EM201E102JPId
Entries 0
simu
data

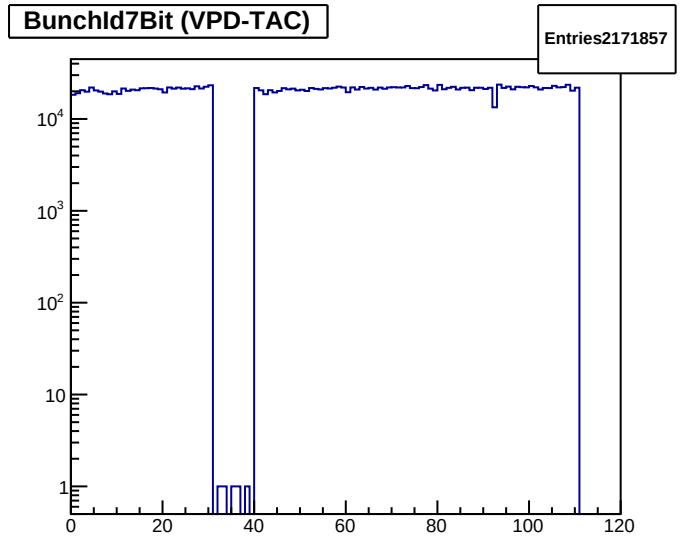

EM201E102Bits
Entries 2.986458e+07
94840
102944
114780
33952
15521
5.87808e+06
5.86997e+06
5.85814e+06
5.93896e+06
5.95739e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

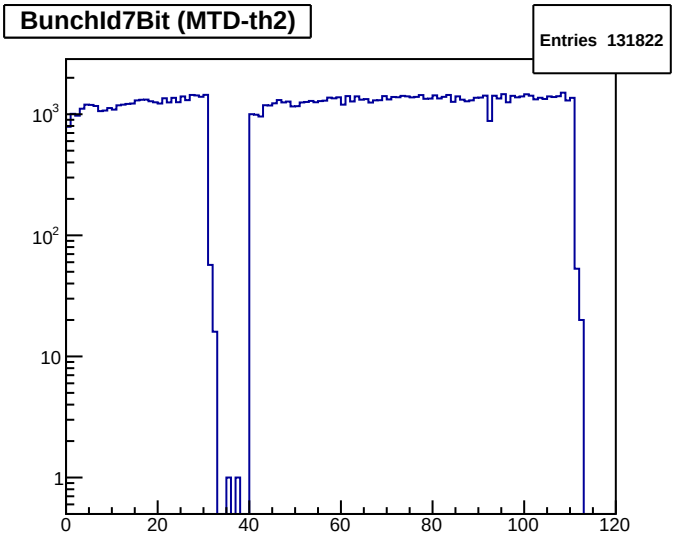

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

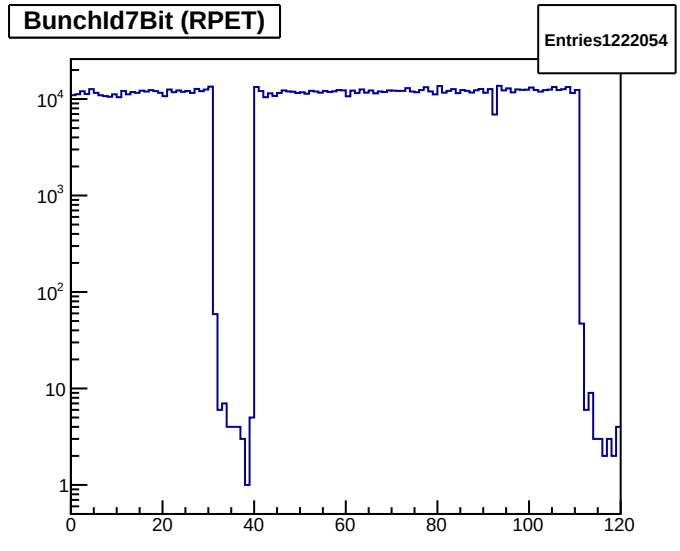

BunchId7Bit (BHT2)
Entries 111298

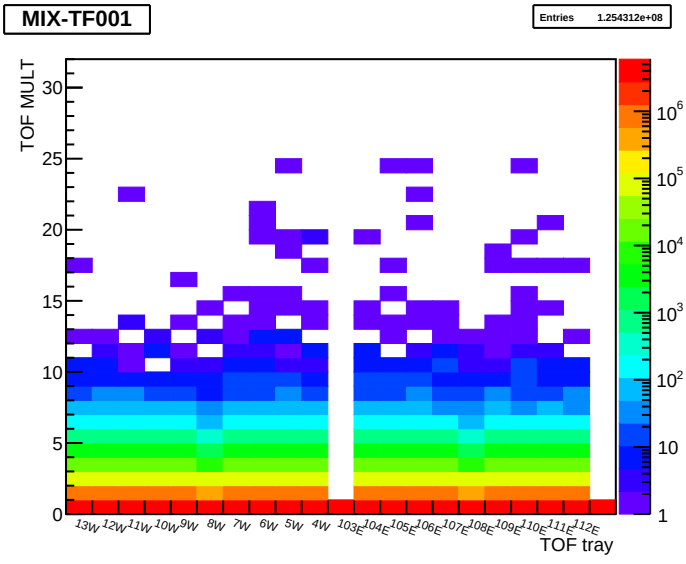

BunchId7Bit (JP2)
Entries 174851

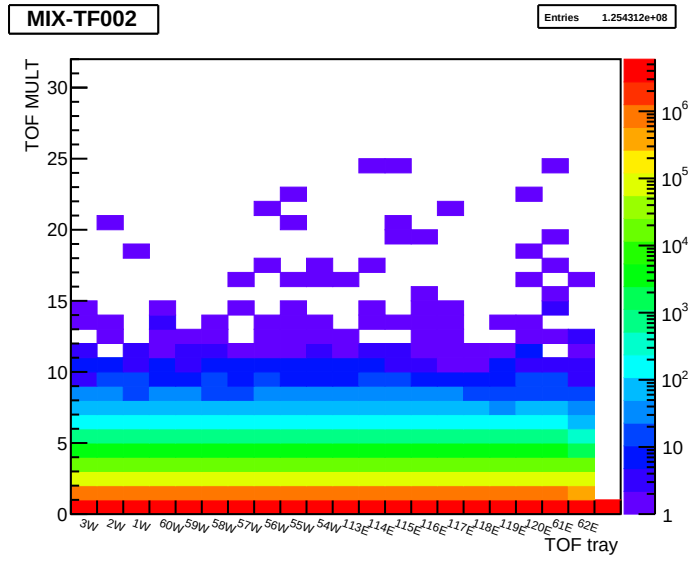

BunchId7Bit (BBC-TAC)
Entries3858190

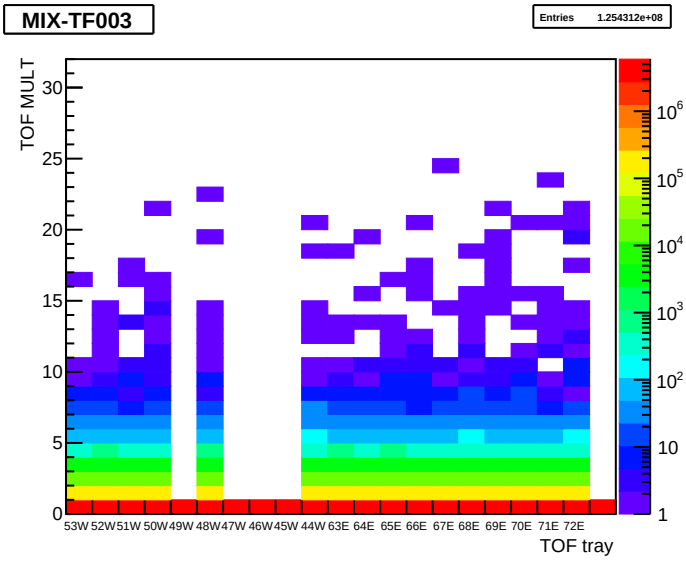

BunchId7Bit (VPD-TAC)
Entries2171857

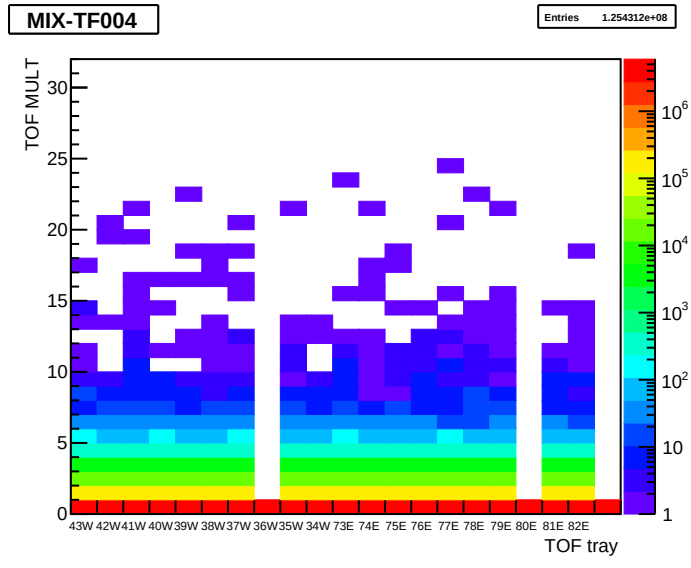

BunchId7Bit (MTD-th2)
Entries 131822

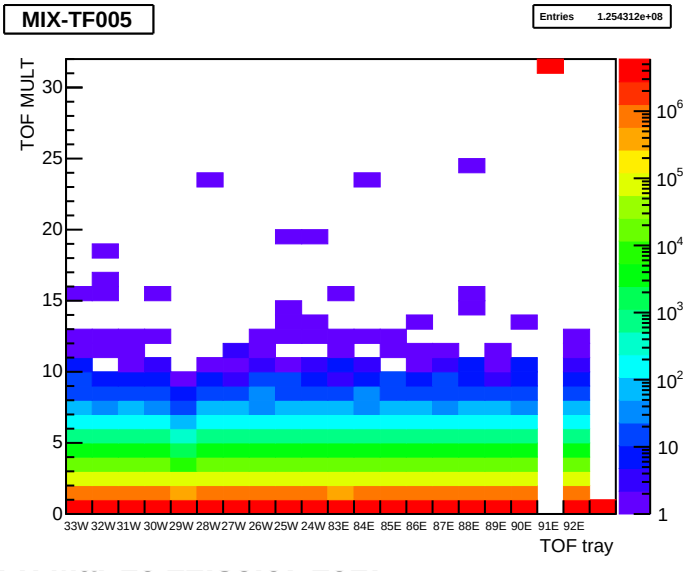

BunchId7Bit (RPET)
Entries1222054

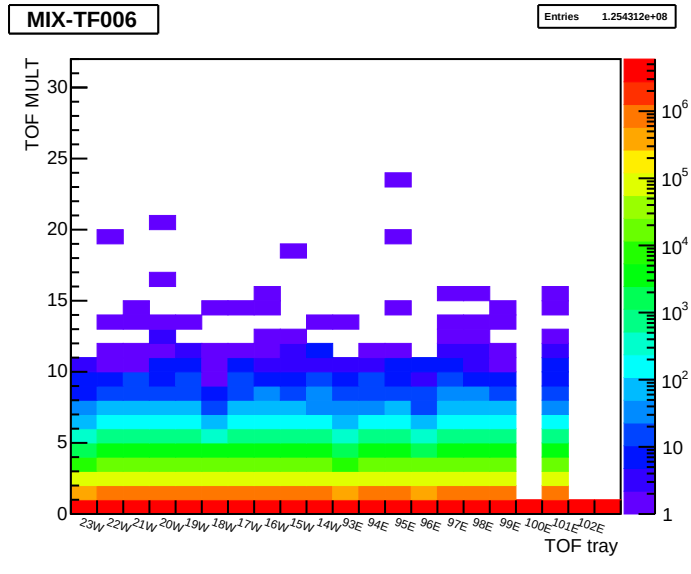

MIX-TF001
Entries 1.254312e+08
TOF MULT
TOF tray

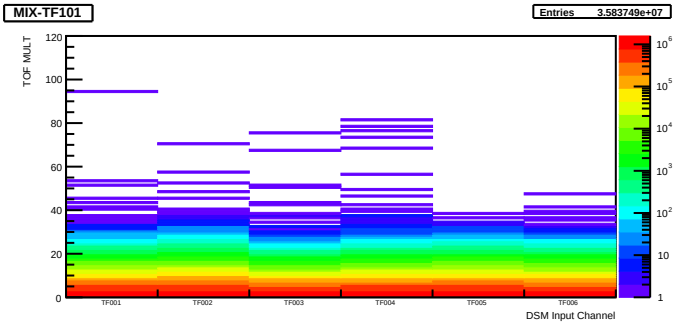

MIX-TF002
Entries 1.254312e+08
TOF MULT
TOF tray

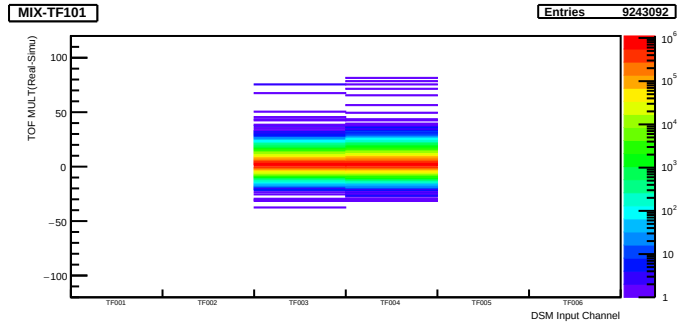

MIX-TF003
Entries 1.254312e+08
TOF MULT
TOF tray

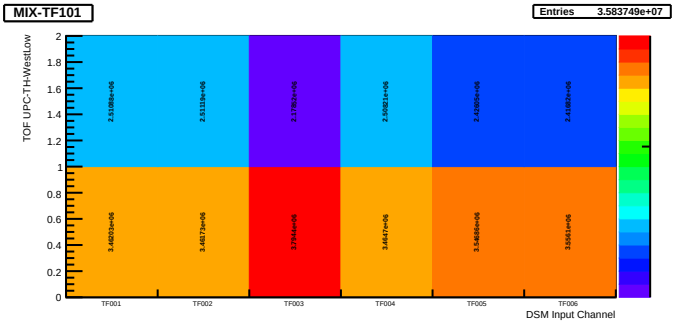

MIX-TF004
Entries 1.254312e+08
TOF MULT
TOF tray

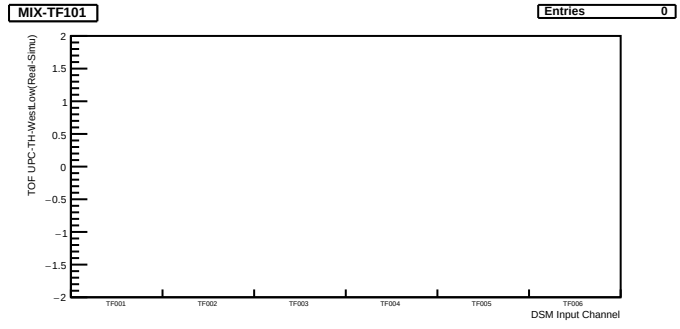

MIX-TF005
Entries 1.254312e+08
TOF MULT
TOF tray

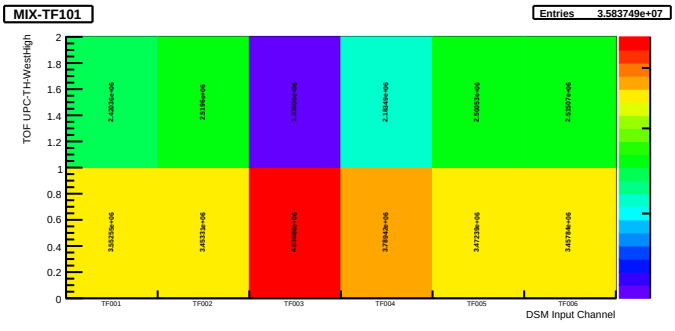

MIX-TF006
Entries 1.254312e+08
TOF MULT
TOF tray

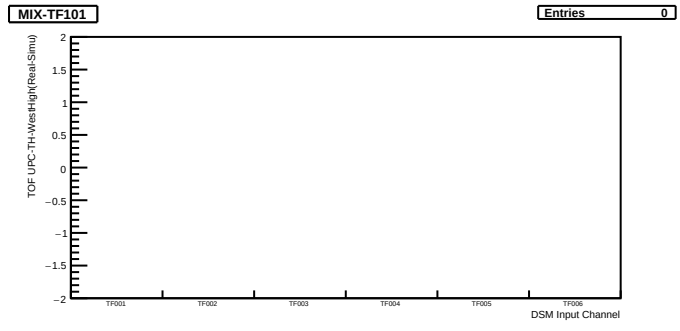

MIX-TF101
Entries 3.583749e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

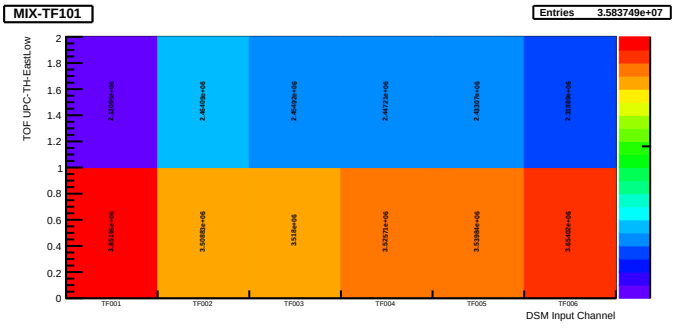

MIX-TF101
Entries 9243092
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

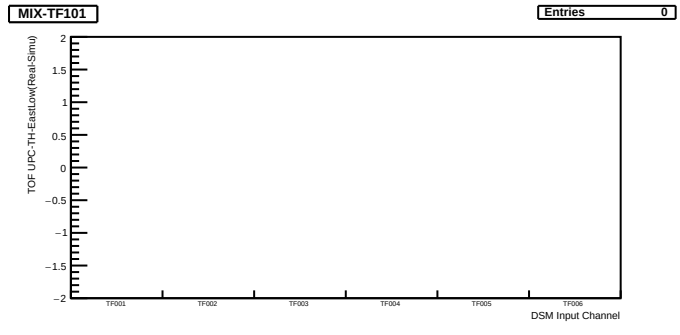

MIX-TF101
Entries 3.583749e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

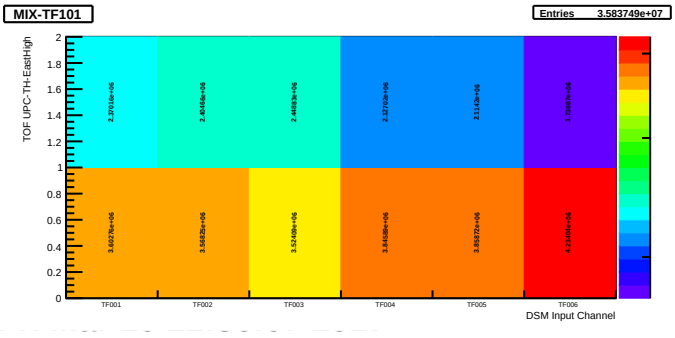

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

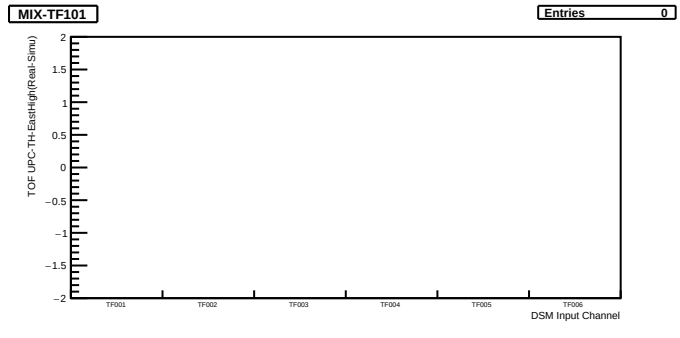

MIX-TF101
Entries 3.583749e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

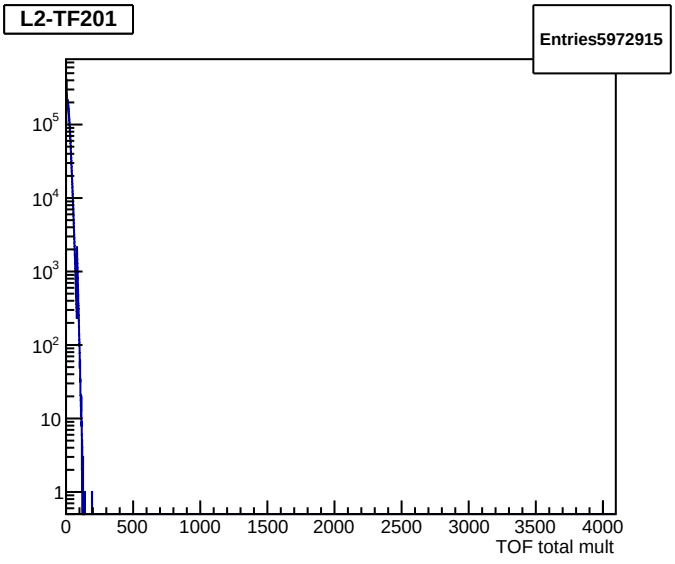

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

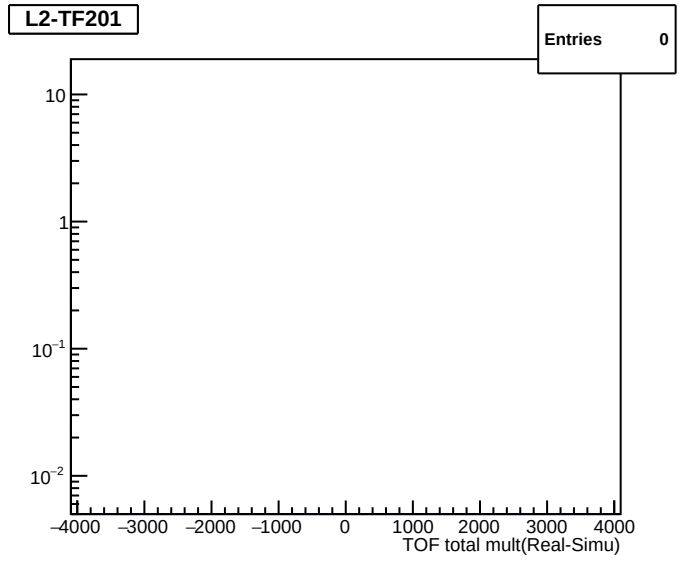

MIX-TF101
Entries 3.583749e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

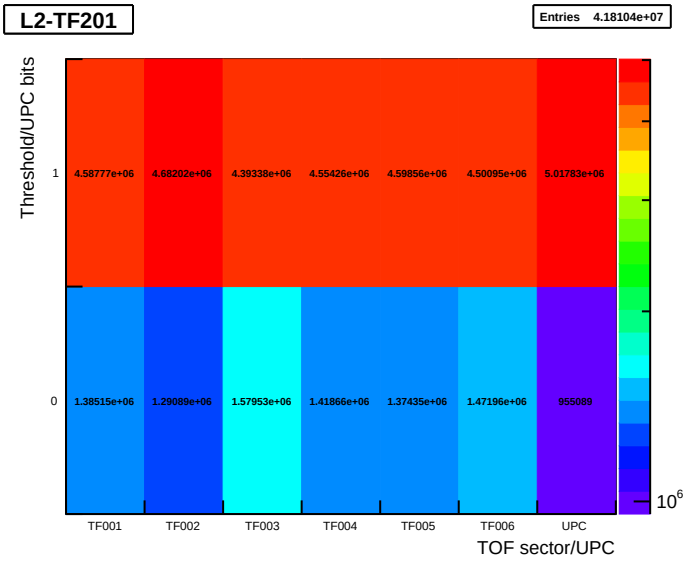

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

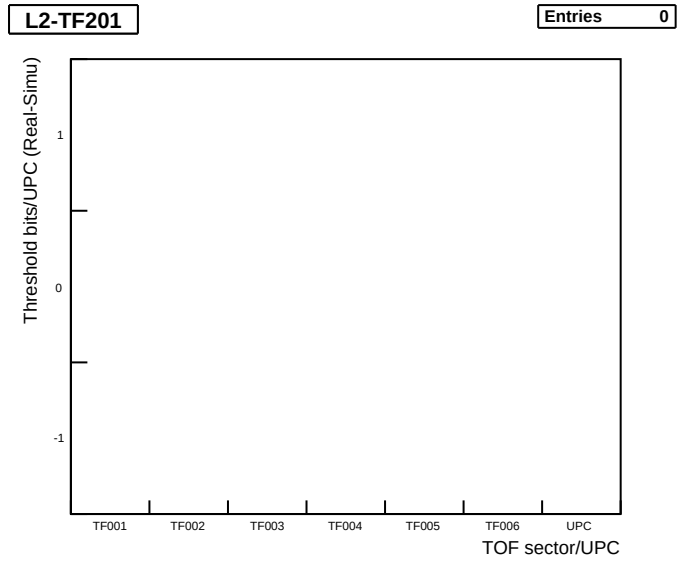

MIX-TF101
Entries 3.583749e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

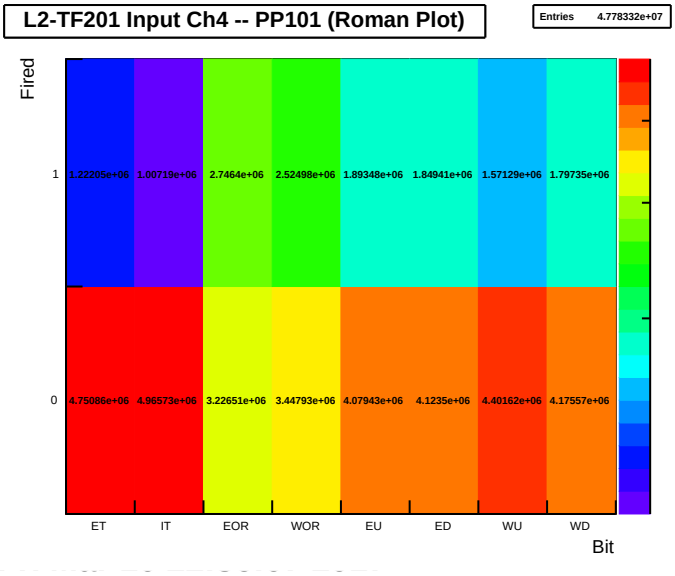

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

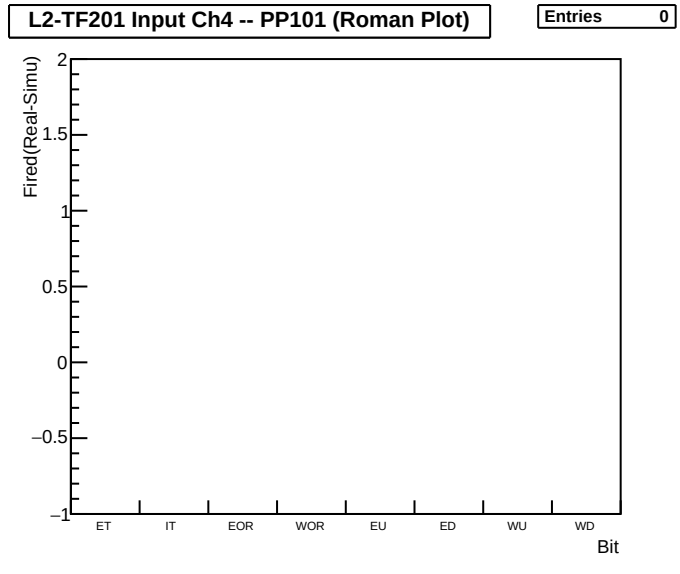

L2-TF201
Entries5972915
TOF total mult

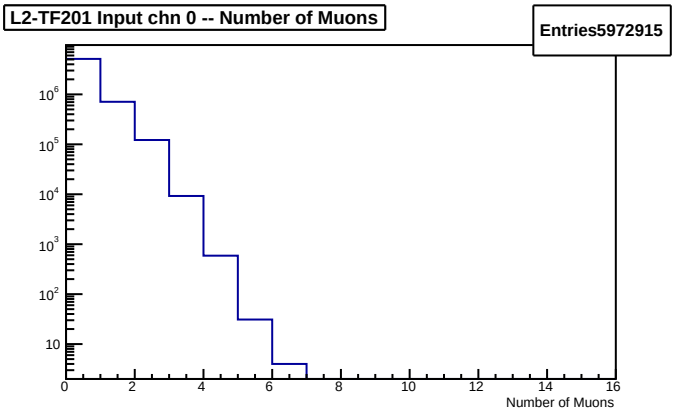

L2-TF201
Entries 0
TOF total mult(Real-Simu)

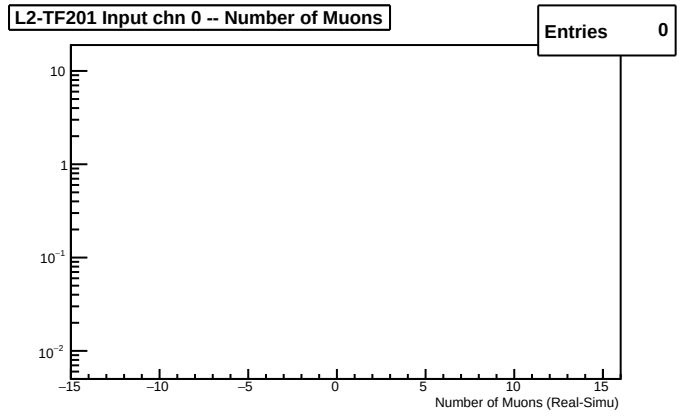

L2-TF201
Entries 4.18104e+07
Threshold/UPC bits
4.58777e+06
4.68202e+06
4.39338e+06
4.55426e+06
4.59856e+06
4.50095e+06
5.01783e+06
1.38515e+06
1.29089e+06
1.57953e+06
1.41866e+06
1.37435e+06
1.47196e+06
955089
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

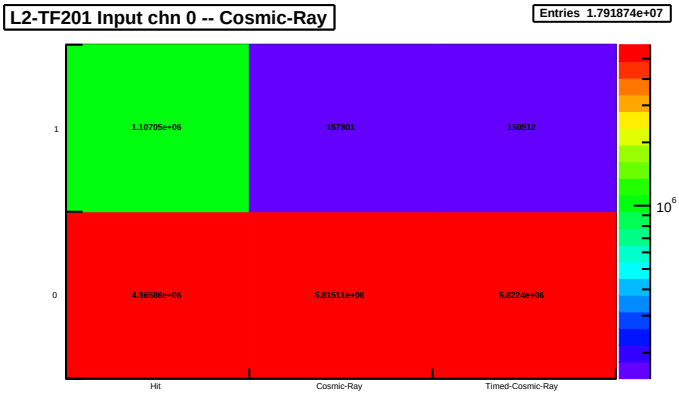

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

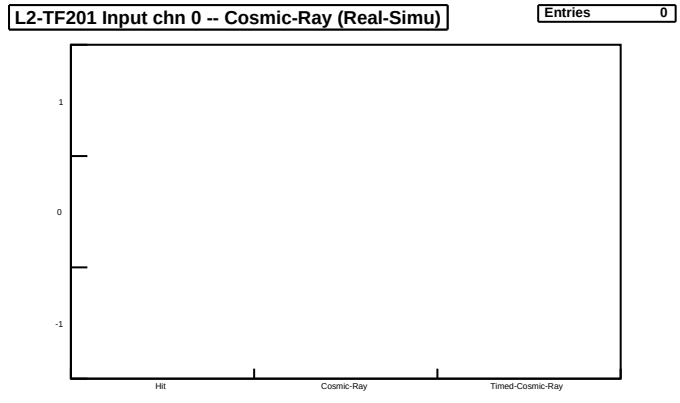

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.778332e+07
Fired
1.22205e+06
1.00719e+06
2.7464e+06
2.52498e+06
1.89348e+06
1.84941e+06
1.57129e+06
1.79735e+06
4.75086e+06
4.96573e+06
3.22651e+06
3.44793e+06
4.07943e+06
4.1235e+06
4.40162e+06
4.17557e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

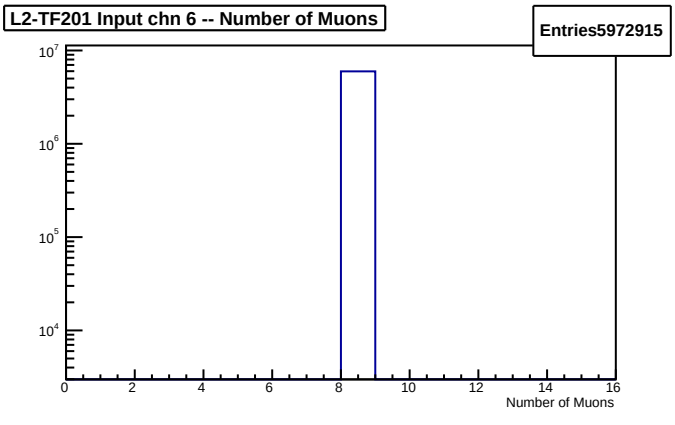

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

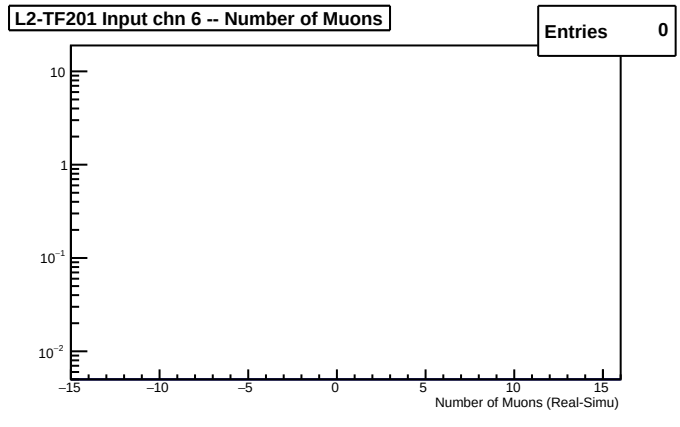

L2-TF201 Input chn 0 -- Number of Muons
Entries5972915
Number of Muons

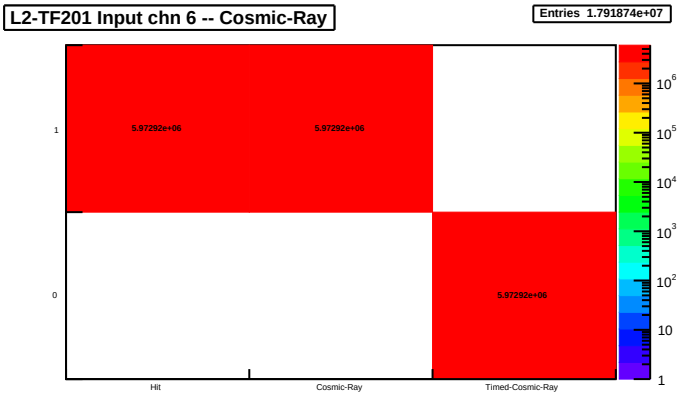

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

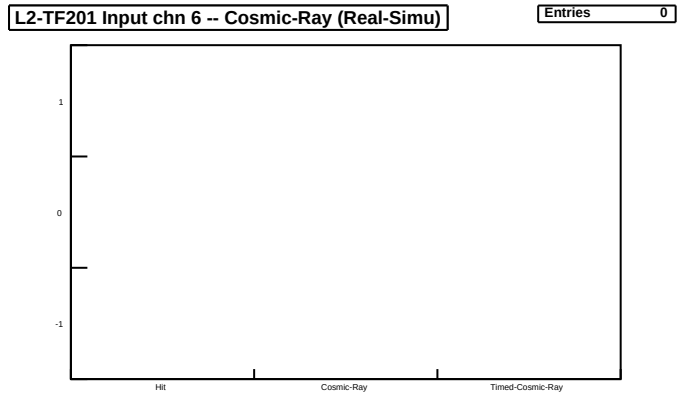

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.791874e+07
1.10705e+06
157801
150512
4.86586e+06
5.81511e+06
5.8224e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

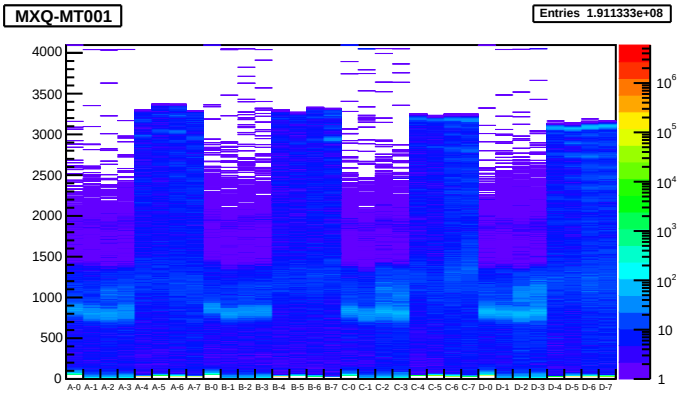

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

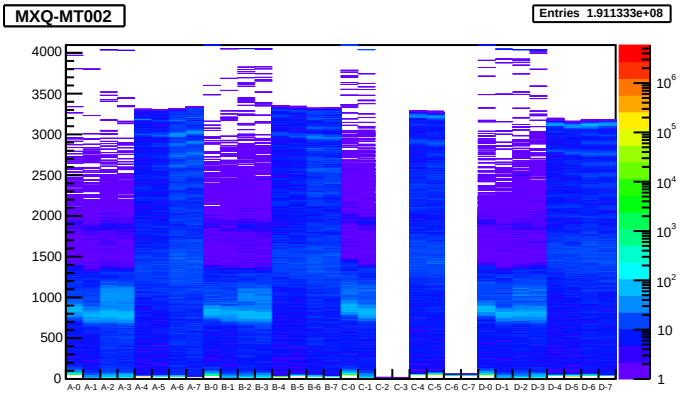

L2-TF201 Input chn 6 -- Number of Muons
Entries5972915
Number of Muons

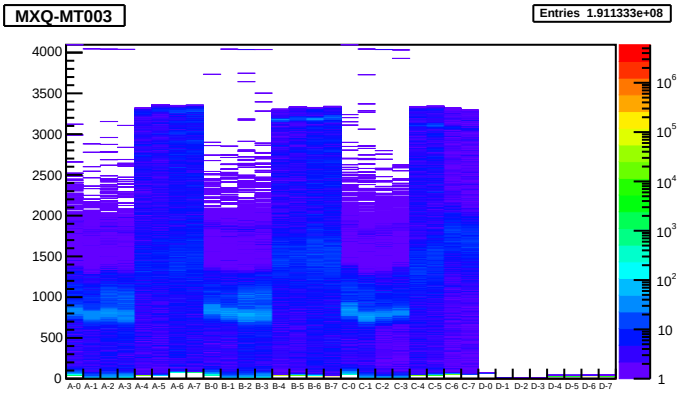

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

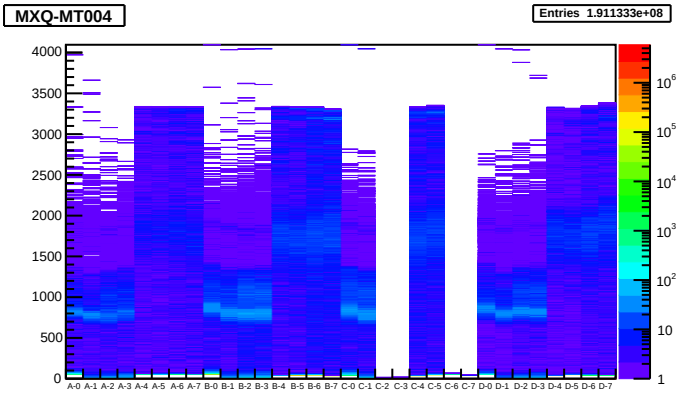

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.791874e+07
5.97292e+06
5.97292e+06
5.97292e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

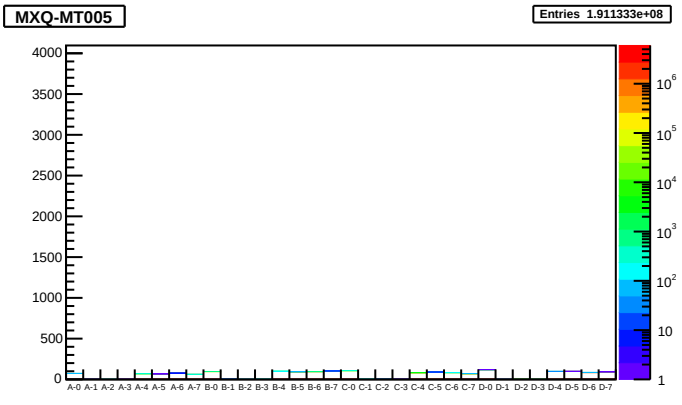

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

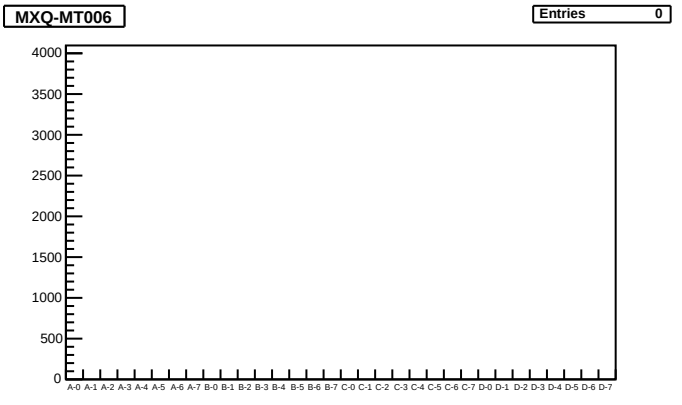

MXQ-MT001
Entries 1.911333e+08

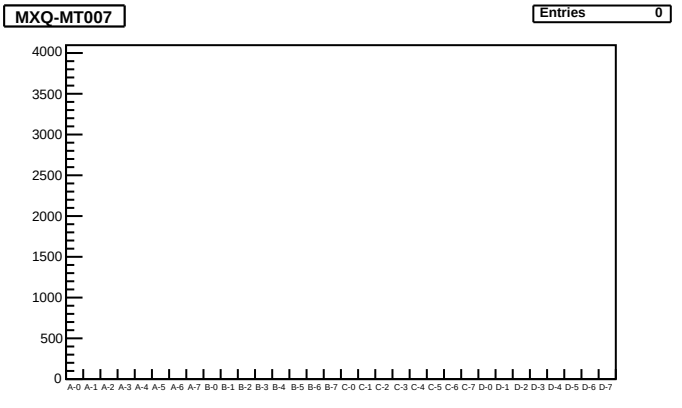

MXQ-MT002
Entries 1.911333e+08

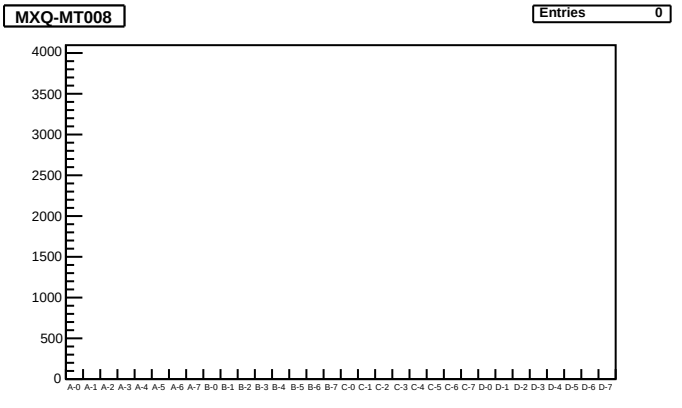

MXQ-MT003
Entries 1.911333e+08

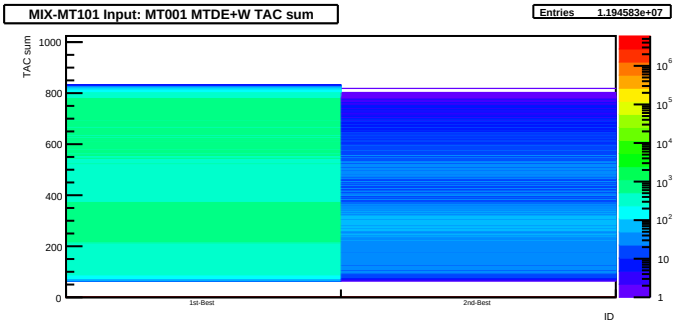

MXQ-MT004
Entries 1.911333e+08

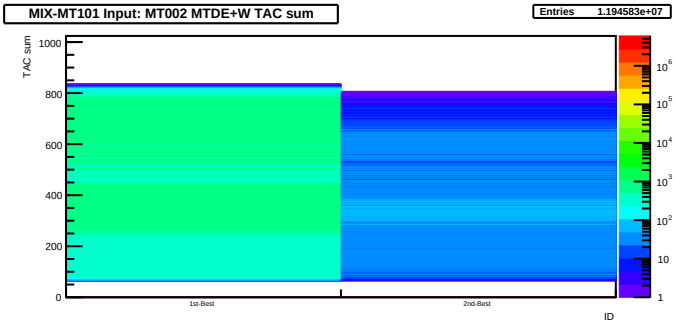

MXQ-MT005
Entries 1.911333e+08

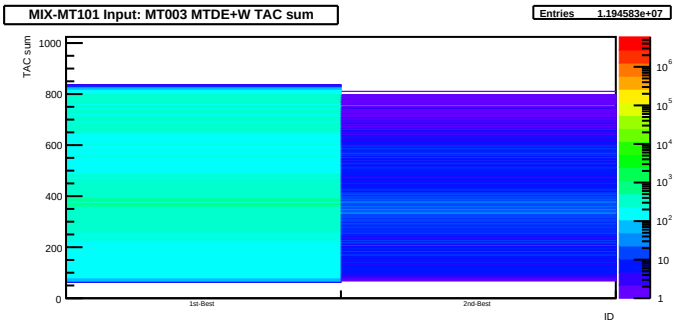

MXQ-MT006
Entries 0

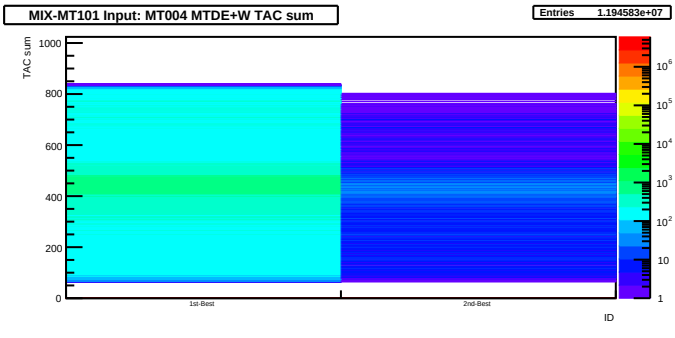

MXQ-MT007
Entries 0

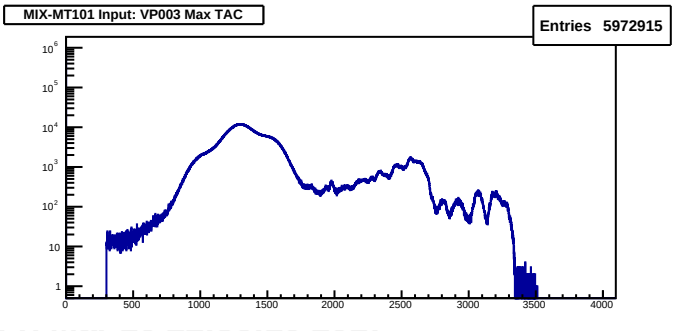

MXQ-MT008
Entries 0

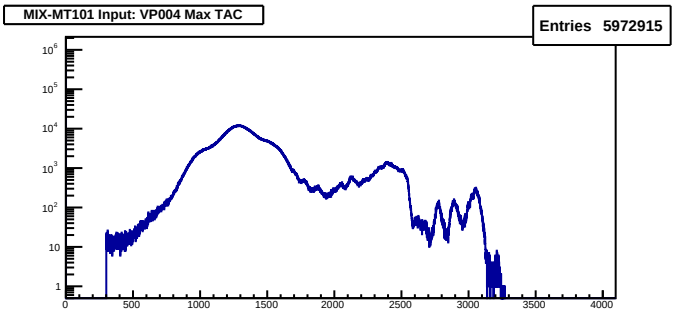

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.194583e+07
TAC sum
1st-Best
2nd-Best
ID

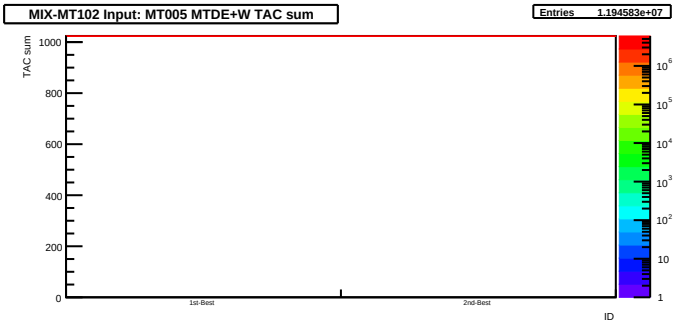

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.194583e+07
TAC sum
1st-Best
2nd-Best
ID

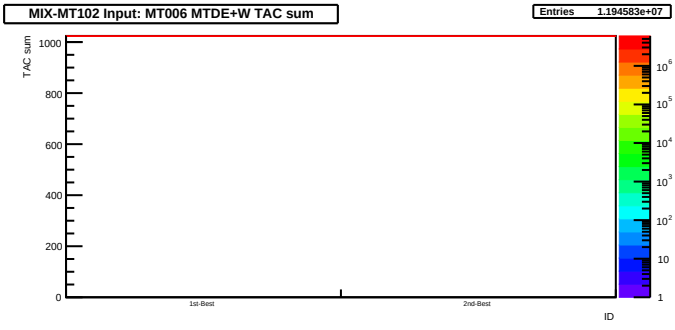

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.194583e+07
TAC sum
1st-Best
2nd-Best
ID

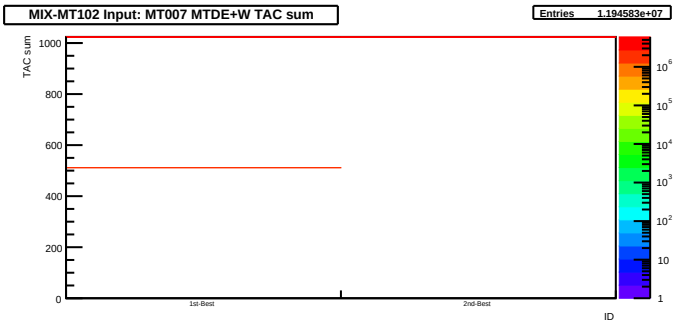

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.194583e+07
TAC sum
1st-Best
2nd-Best
ID

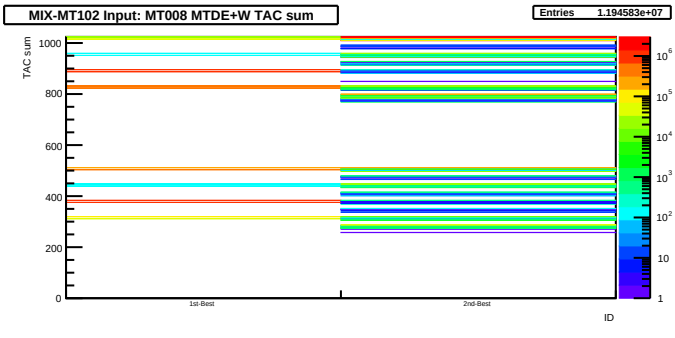

MIX-MT101 Input: VP003 Max TAC
Entries 5972915

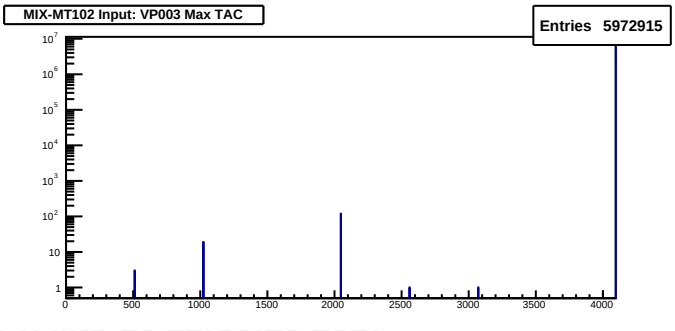

MIX-MT101 Input: VP004 Max TAC
Entries 5972915

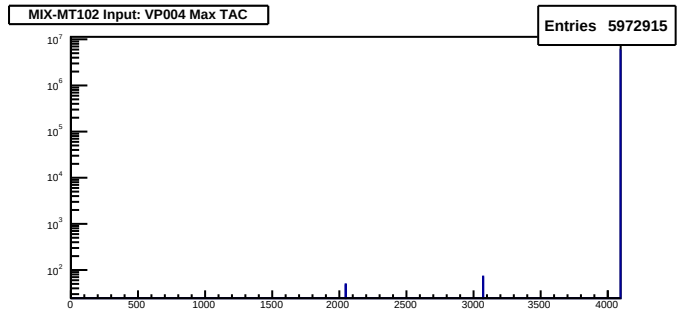

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1.194583e+07
TAC sum
1st-Best
2nd-Best
ID

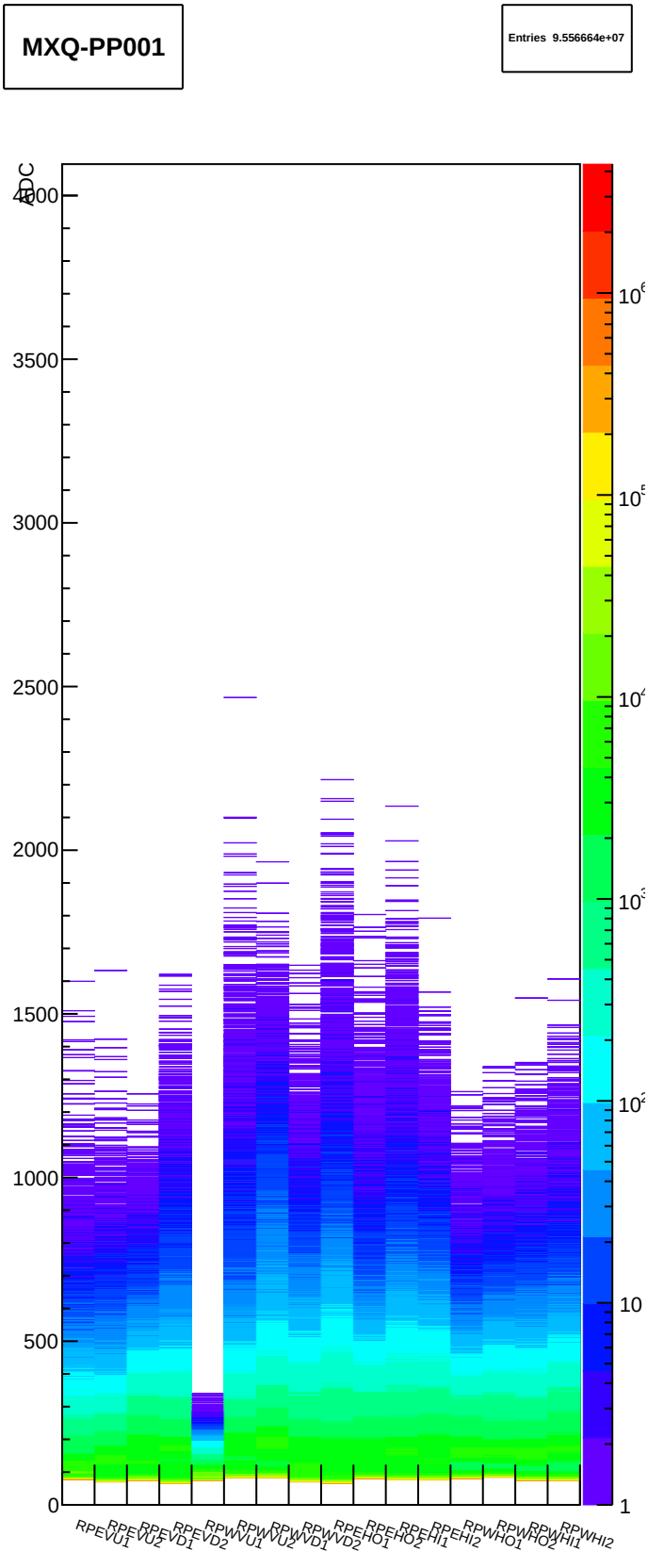

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1.194583e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1.194583e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1.194583e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 5972915


MIX-MT102 Input: VP004 Max TAC
Entries 5972915


MXQ-PP001
Entries 9.556664e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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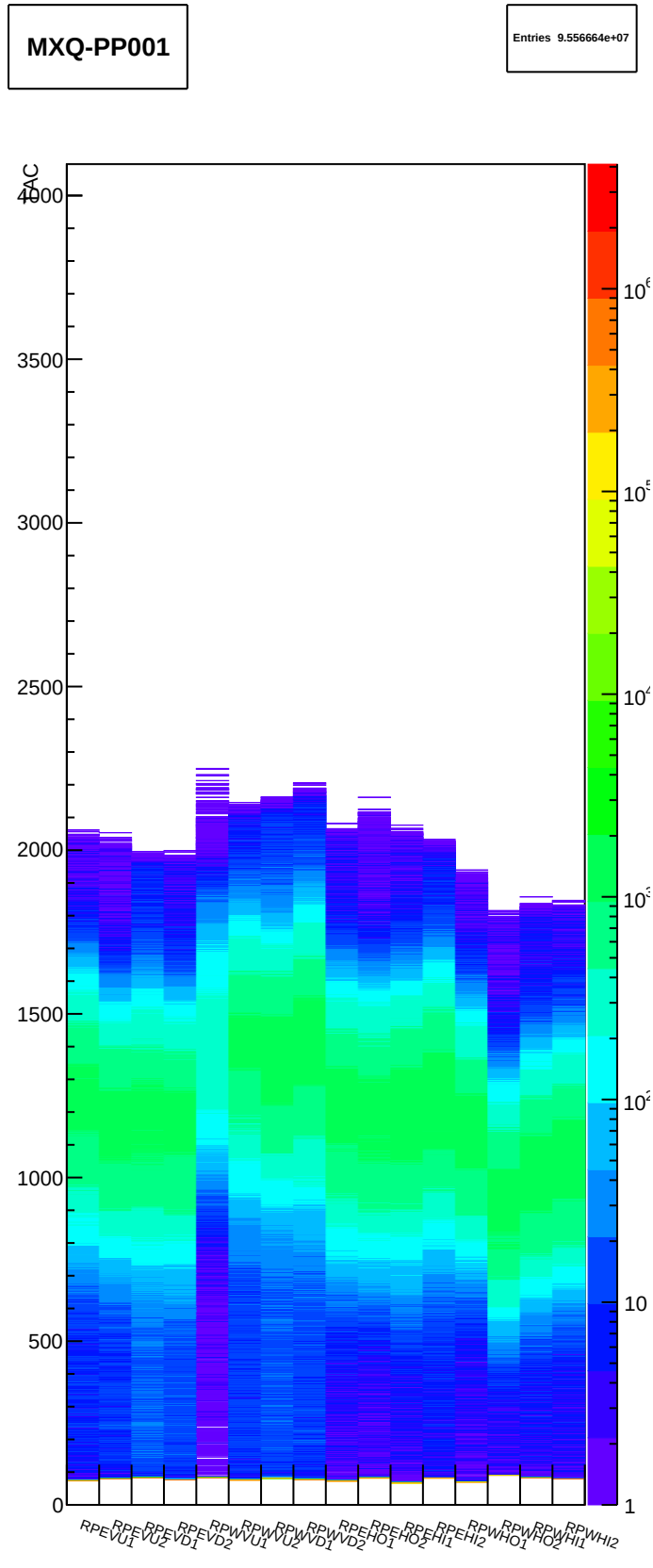
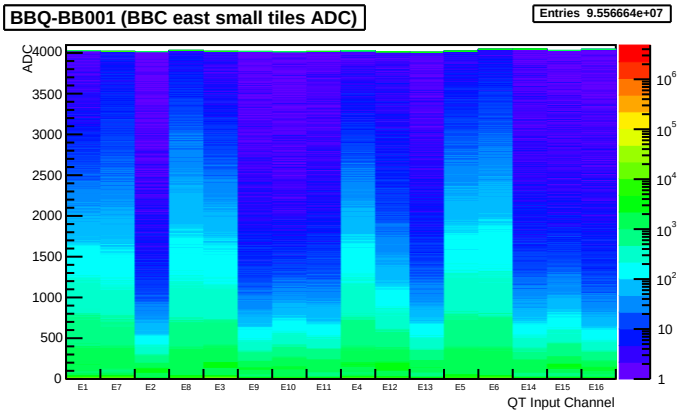
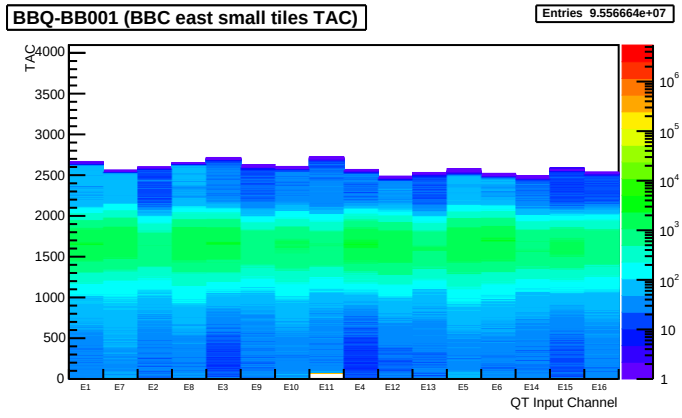
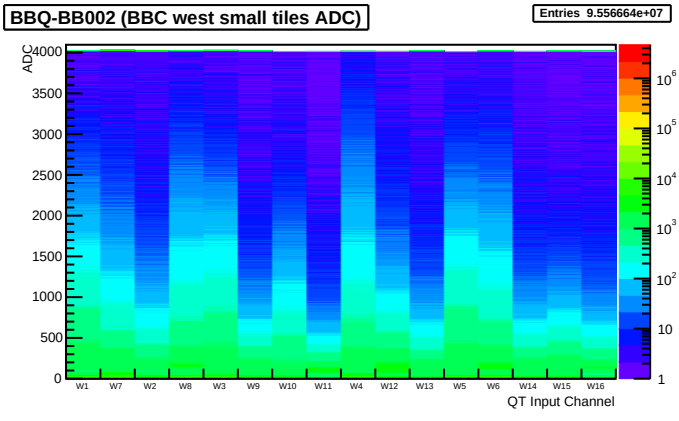
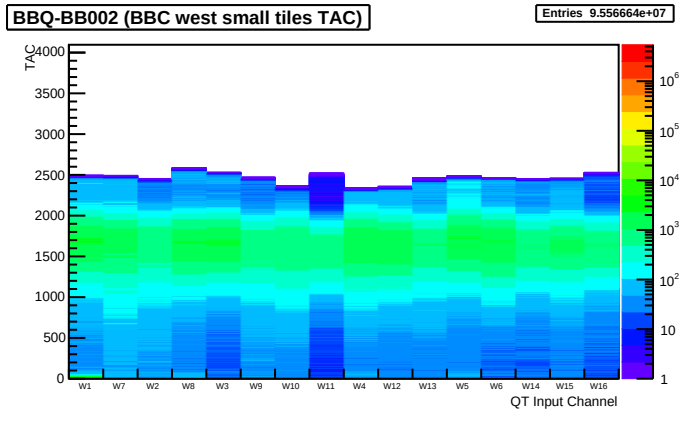
RPWHO2
RPWHI1
RPWHI2
1
10

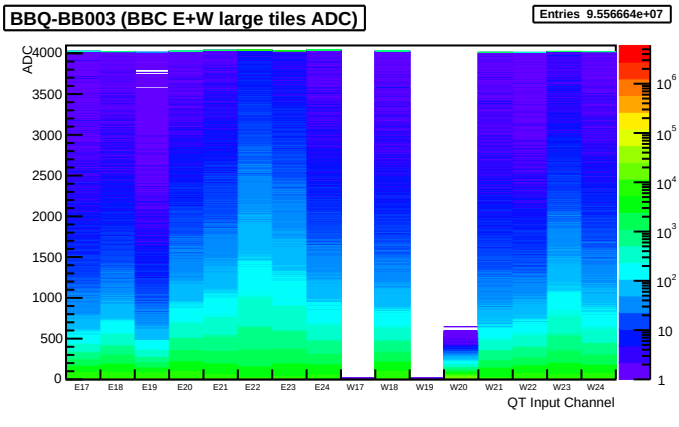

MXQ-PP001
Entries 9.556664e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

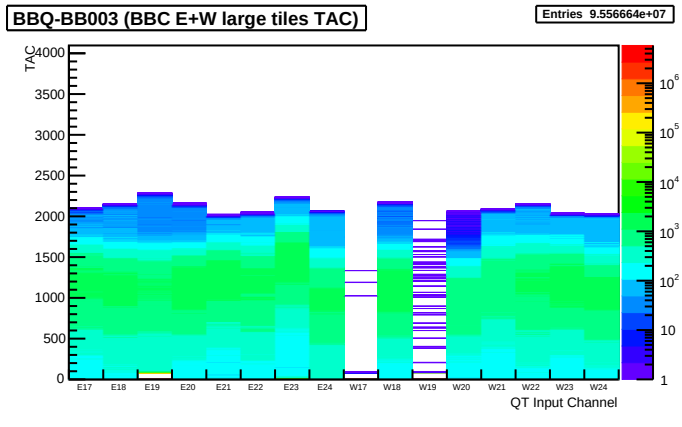

BBQ-BB001 (BBC east small tiles ADC)
Entries 9.556664e+07
ADC
QT Input Channel

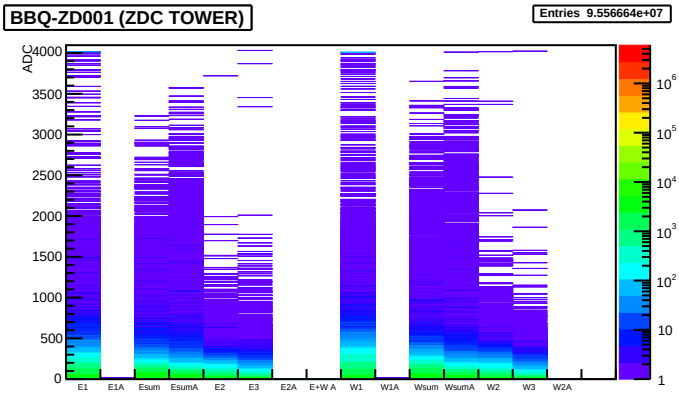

BBQ-BB001 (BBC east small tiles TAC)
Entries 9.556664e+07
TAC
QT Input Channel

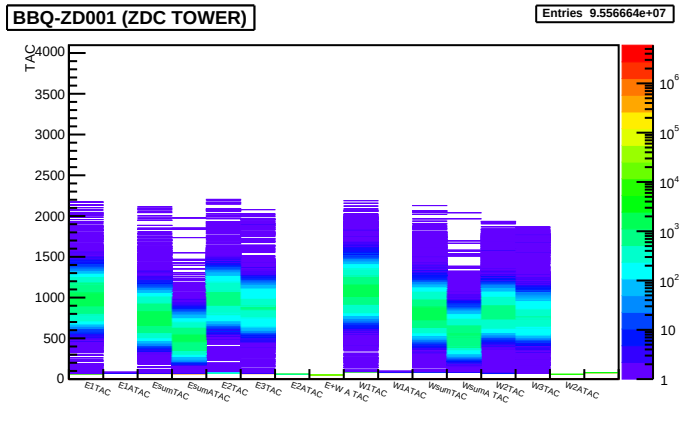

BBQ-BB002 (BBC west small tiles ADC)
Entries 9.556664e+07
ADC
QT Input Channel

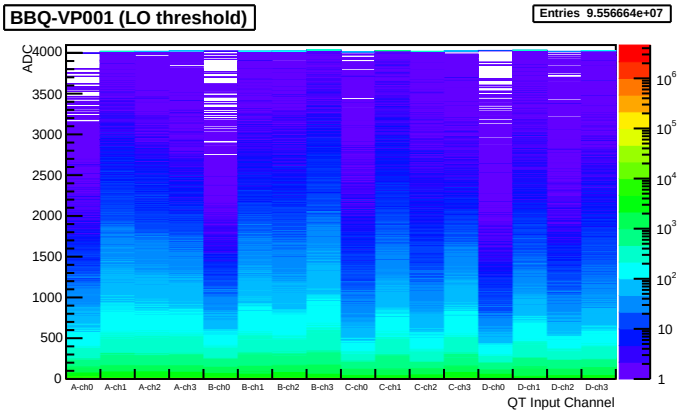

BBQ-BB002 (BBC west small tiles TAC)
Entries 9.556664e+07
TAC
QT Input Channel

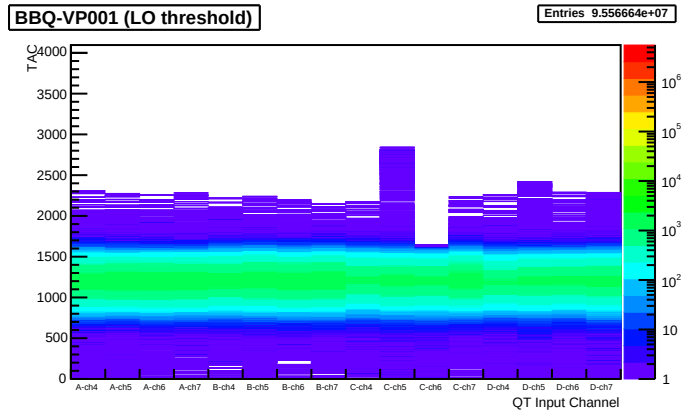

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.556664e+07
ADC
QT Input Channel

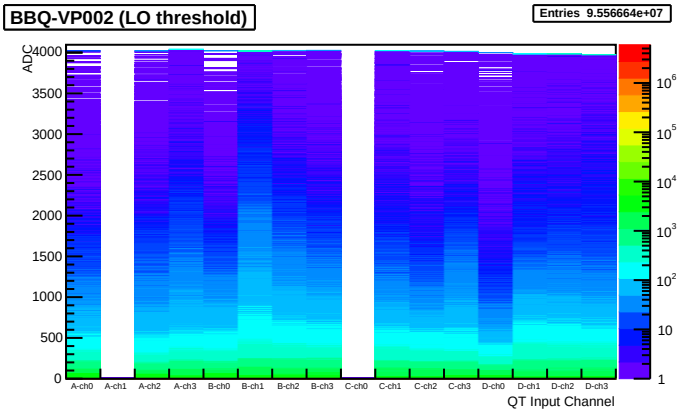

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.556664e+07
TAC
QT Input Channel

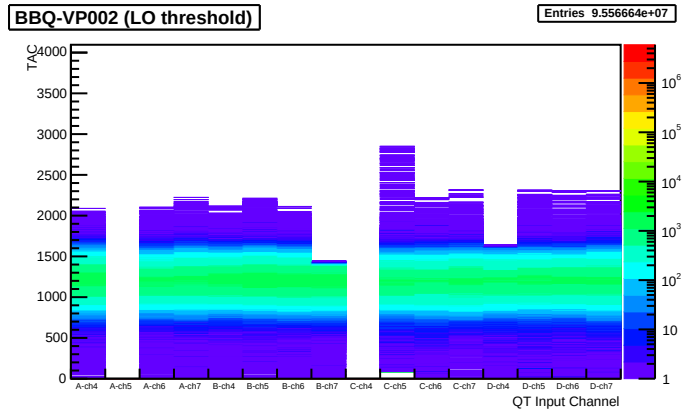

BBQ-ZD001 (ZDC TOWER)
Entries 9.556664e+07
ADC

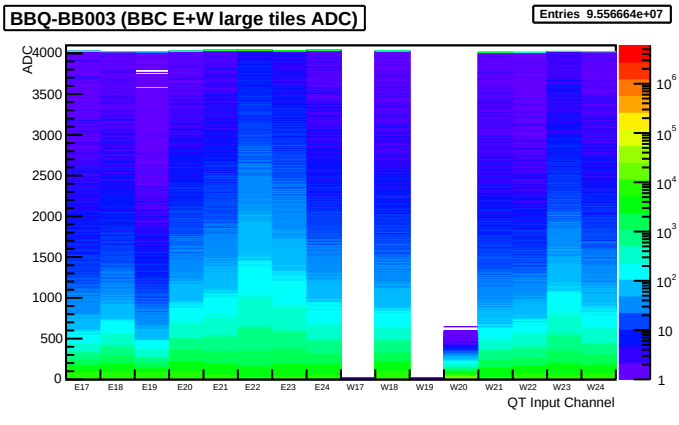

BBQ-ZD001 (ZDC TOWER)
Entries 9.556664e+07
TAC

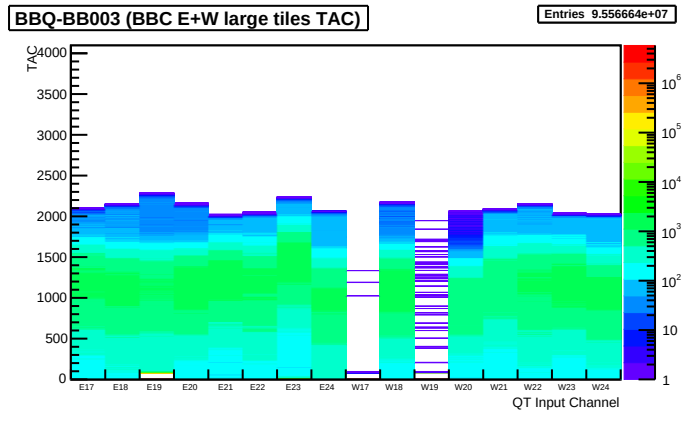

BBQ-VP001 (LO threshold)
Entries 9.556664e+07
ADC
QT Input Channel

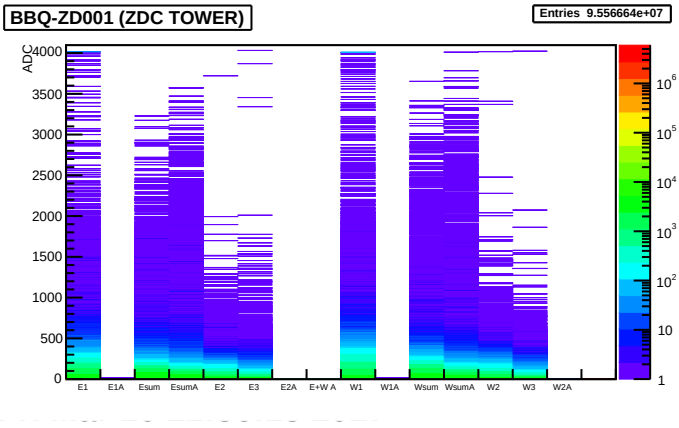

BBQ-VP001 (LO threshold)
Entries 9.556664e+07
TAC
QT Input Channel

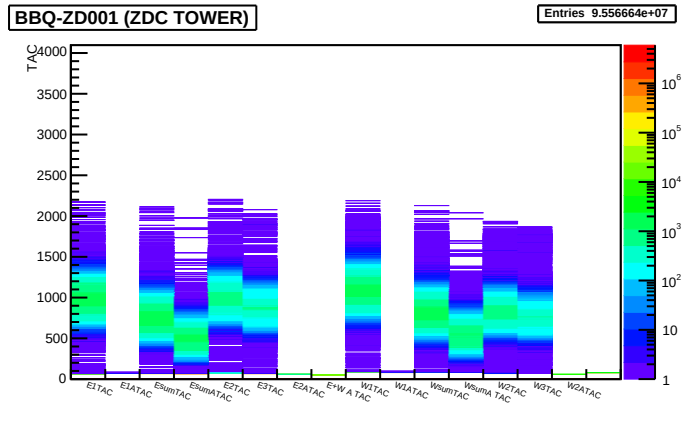

BBQ-VP002 (LO threshold)
Entries 9.556664e+07
ADC
QT Input Channel

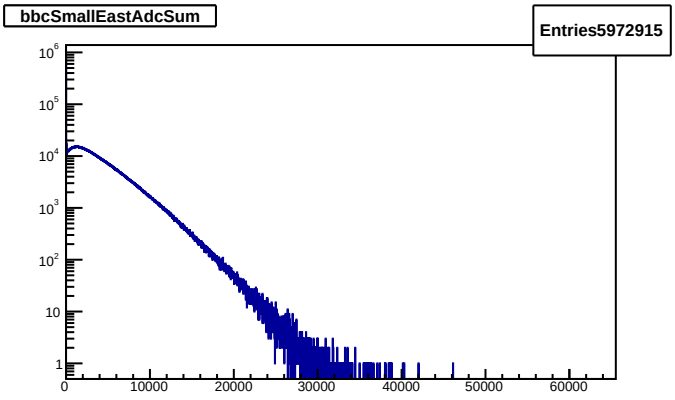

BBQ-VP002 (LO threshold)
Entries 9.556664e+07
TAC
QT Input Channel

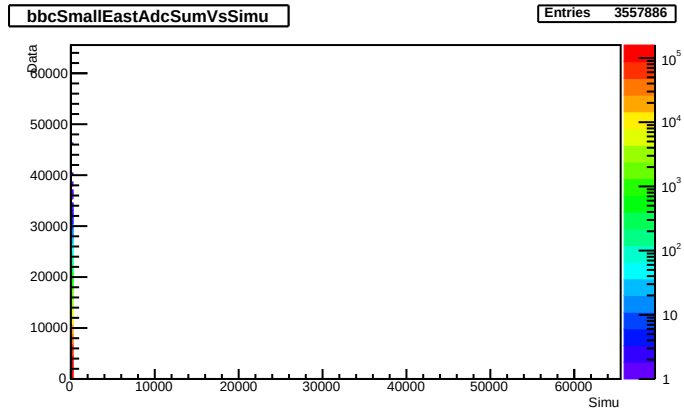

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.556664e+07
ADC
QT Input Channel

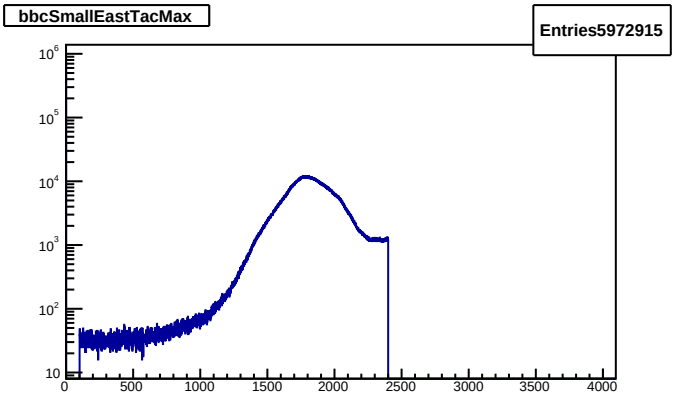

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.556664e+07
TAC
QT Input Channel

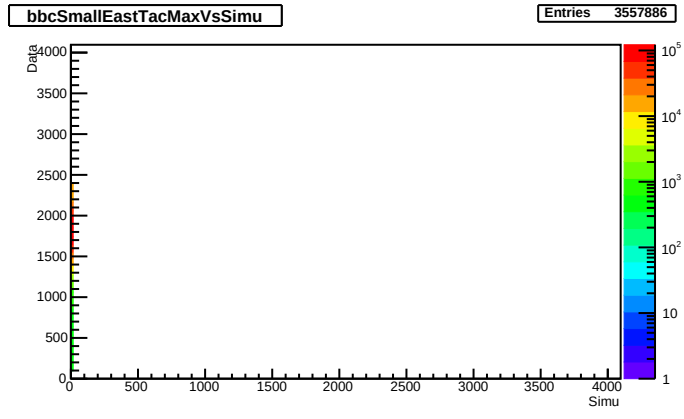

BBQ-ZD001 (ZDC TOWER)
Entries 9.556664e+07
ADC

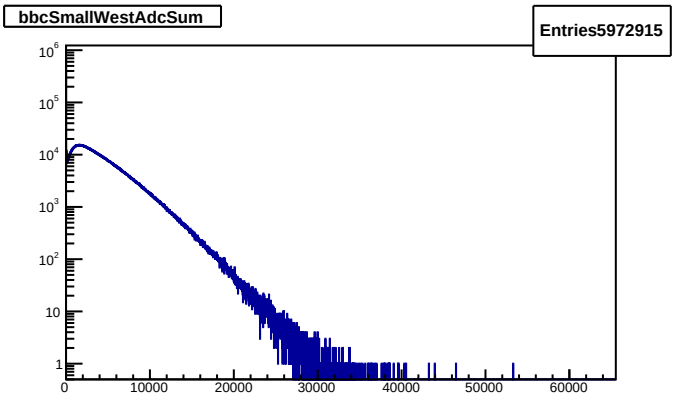

BBQ-ZD001 (ZDC TOWER)
Entries 9.556664e+07
TAC

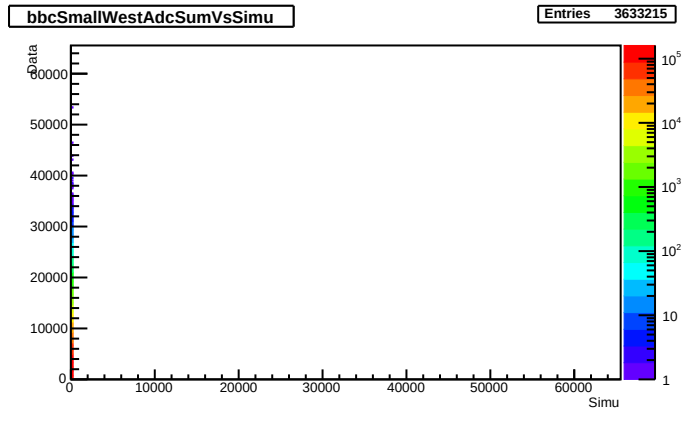

bbcSmallEastAdcSum
Entries5972915

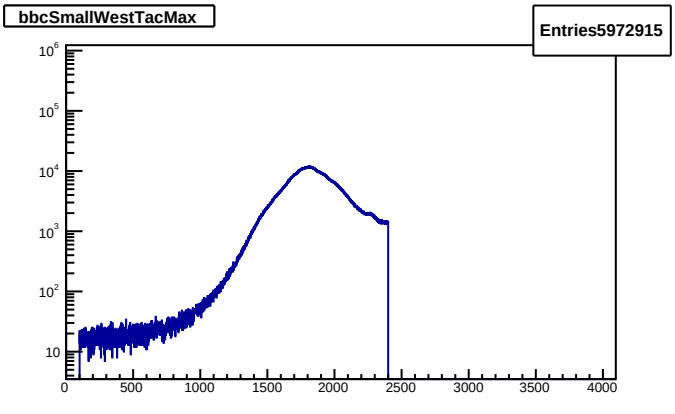

bbcSmallEastAdcSumVsSimu
Entries 3557886
Data
Simu

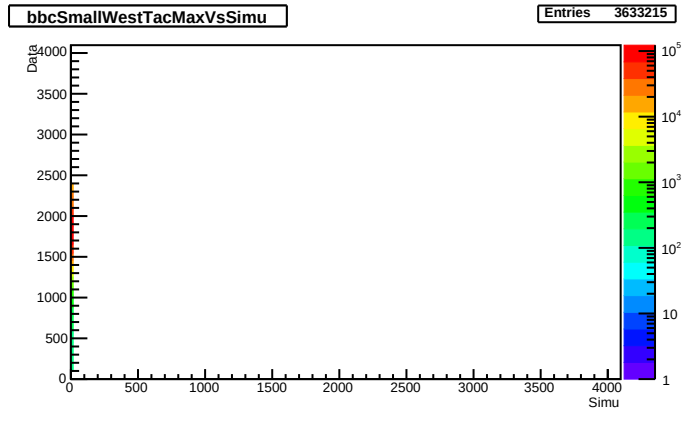

bbcSmallEastTacMax
Entries5972915

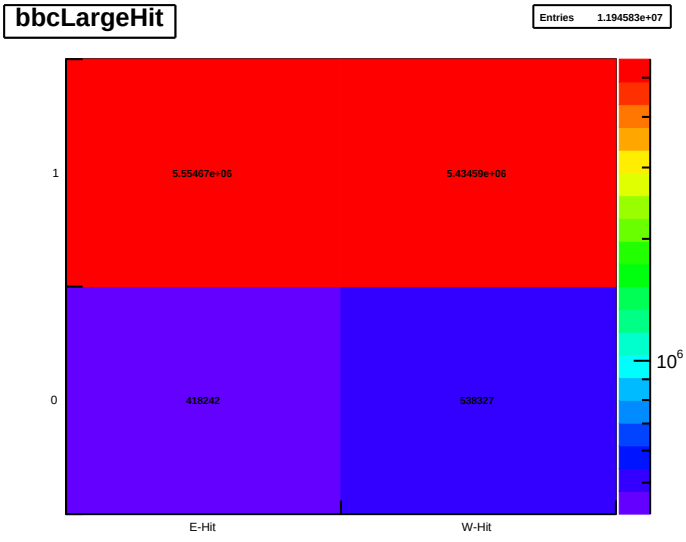

bbcSmallEastTacMaxVsSimu
Entries 3557886
Data
Simu

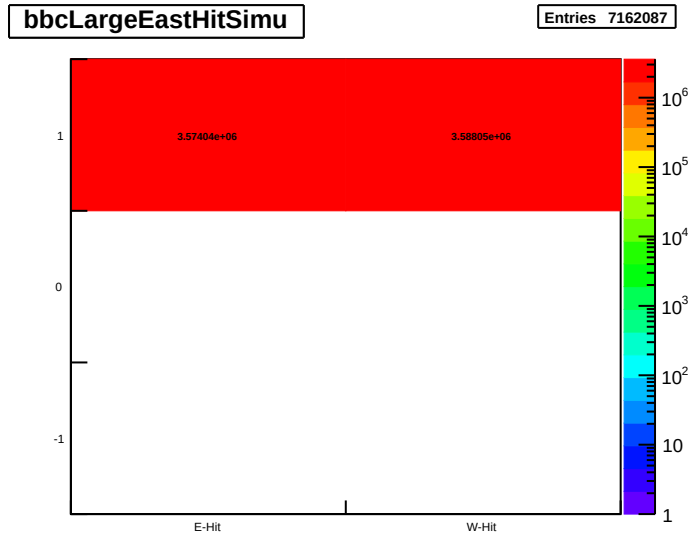

bbcSmallWestAdcSum
Entries5972915

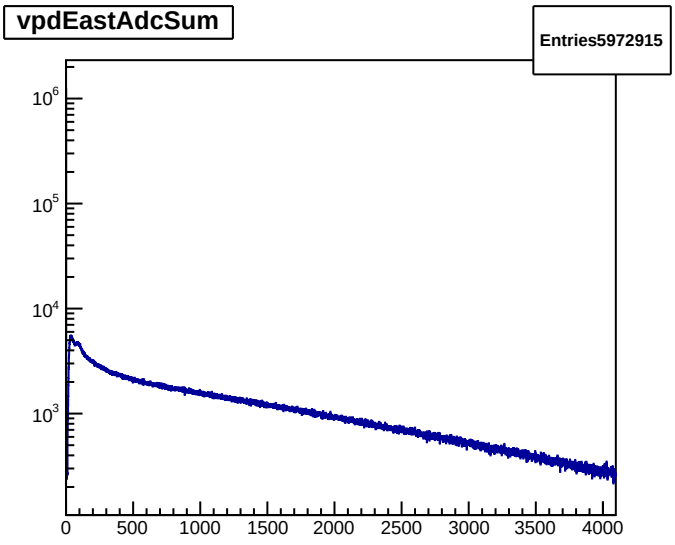

bbcSmallWestAdcSumVsSimu
Entries 3633215
Data
Simu

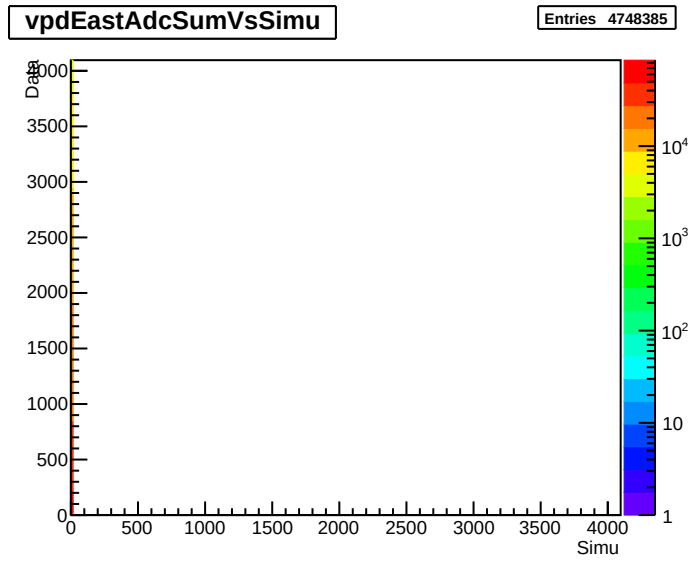

bbcSmallWestTacMax
Entries5972915

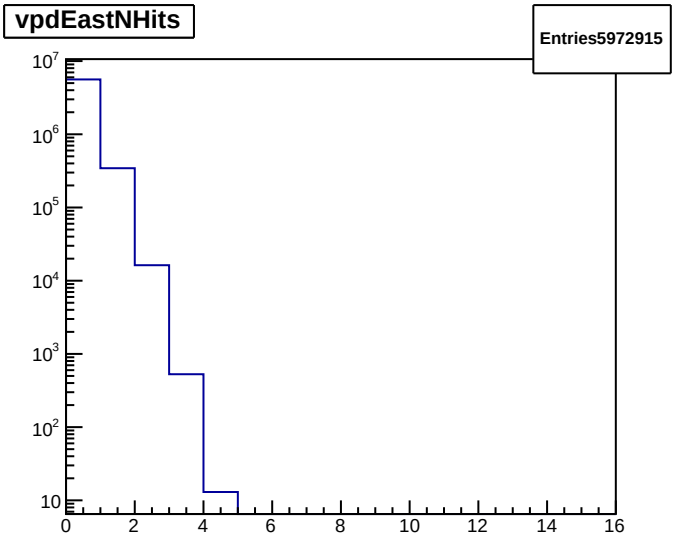

bbcSmallWestTacMaxVsSimu
Entries 3633215
Data
Simu

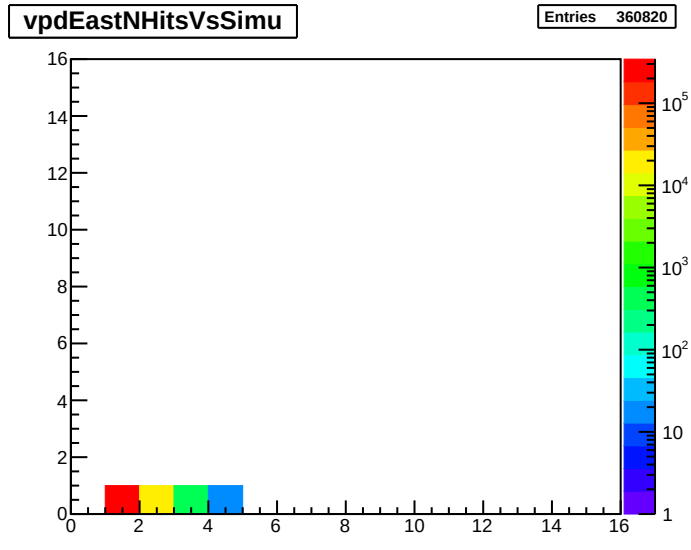

bbcLargeHit
Entries 1.194583e+07
5.55467e+06
5.43459e+06
418242
538327
1
0
E-Hit
W-Hit
10^6

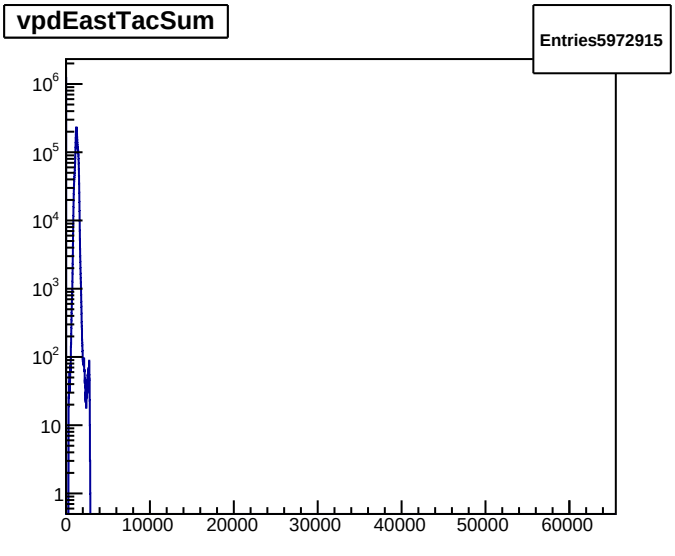

bbcLargeEastHitSimu
Entries 7162087
3.57404e+06
3.58805e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

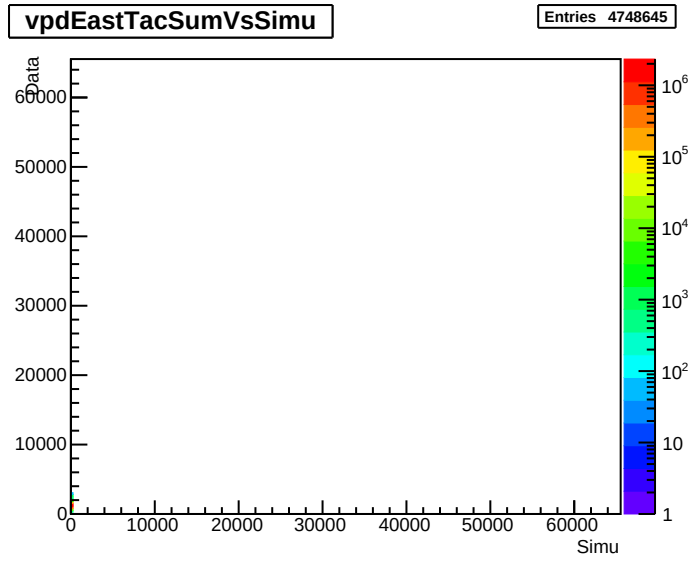

vpdEastAdcSum
Entries5972915

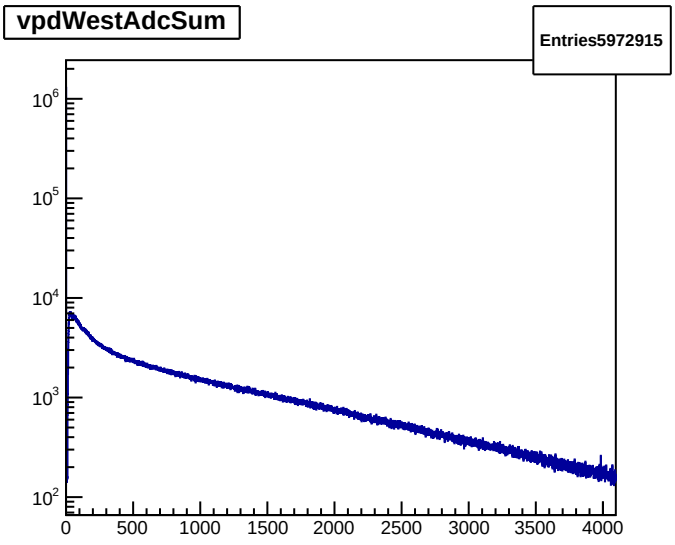

vpdEastAdcSumVsSimu
Entries 4748385
Data
Simu

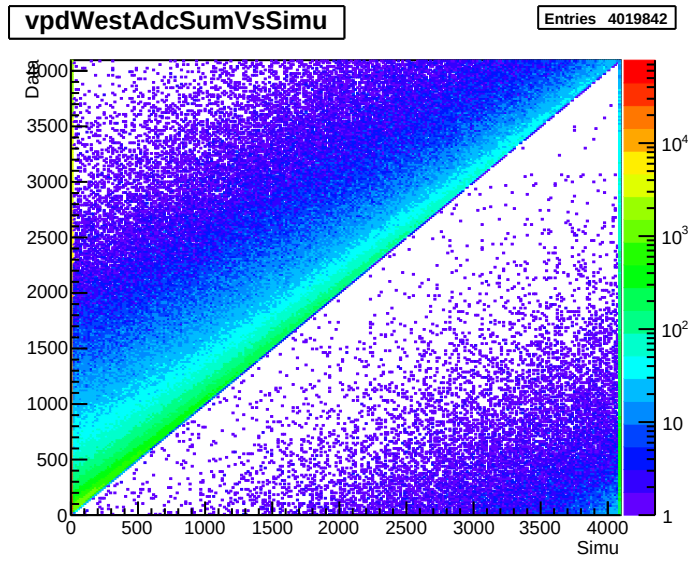

vpdEastNHits
Entries5972915

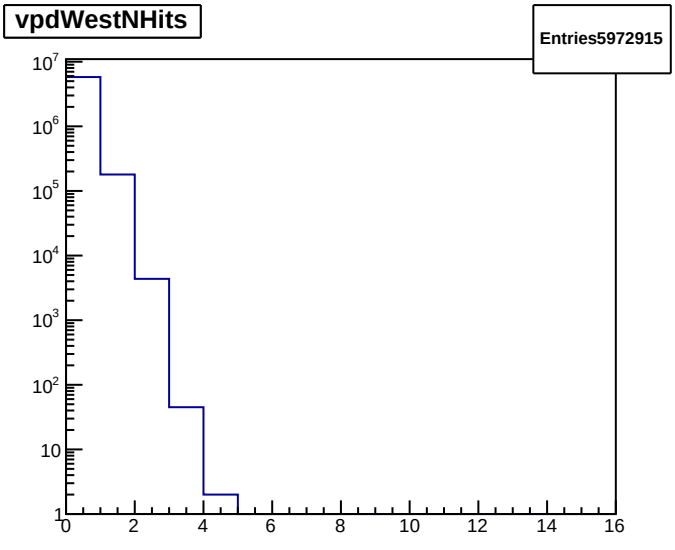

vpdEastNHitsVsSimu
Entries 360820

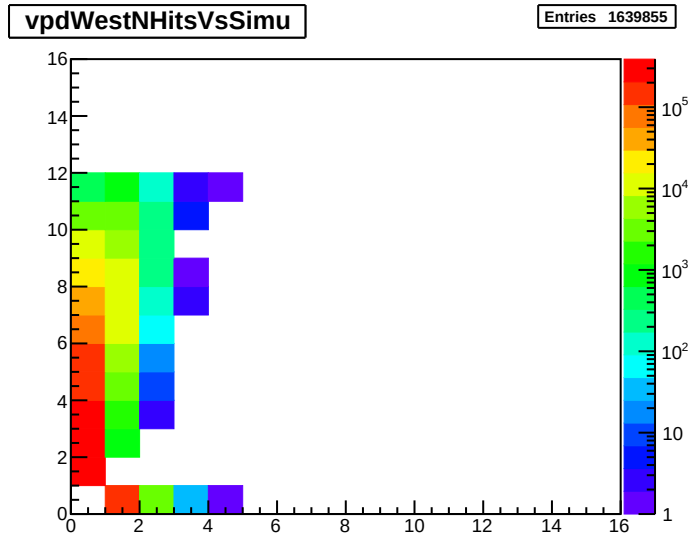

vpdEastTacSum
Entries5972915

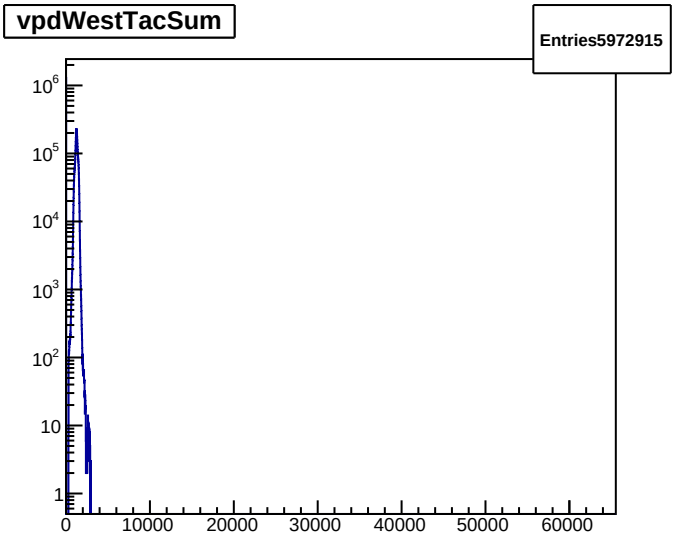

vpdEastTacSumVsSimu
Entries 4748645
Data
Simu

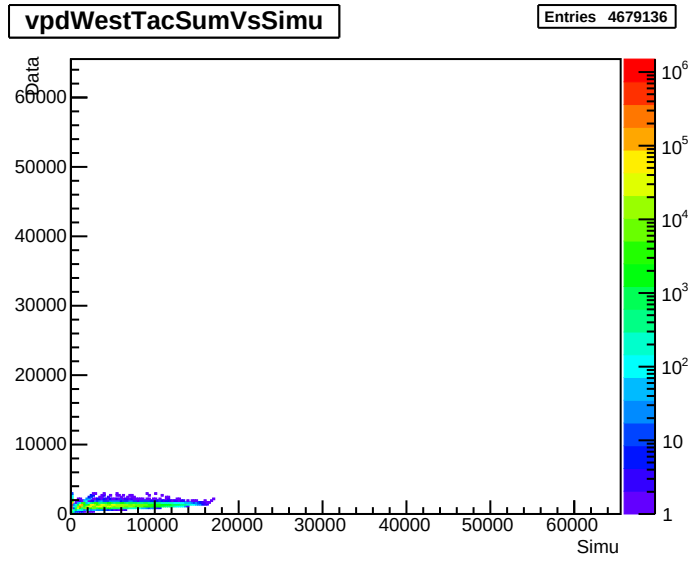

vpdWestAdcSum
Entries5972915

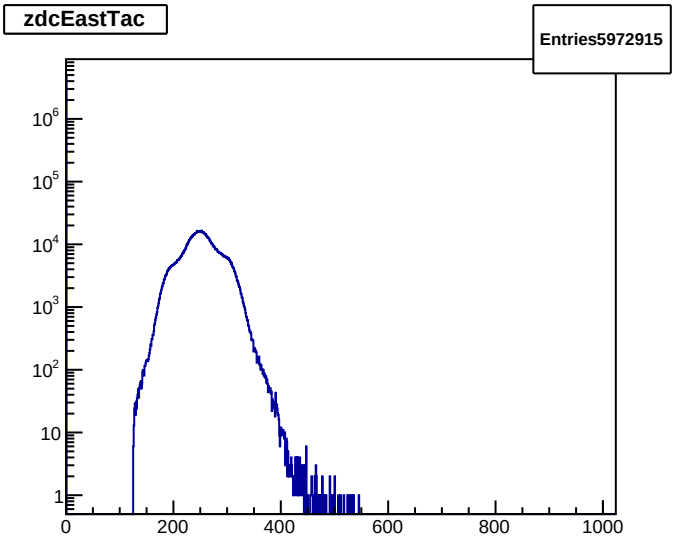

vpdWestAdcSumVsSimu
Entries 4019842
Data
Simu

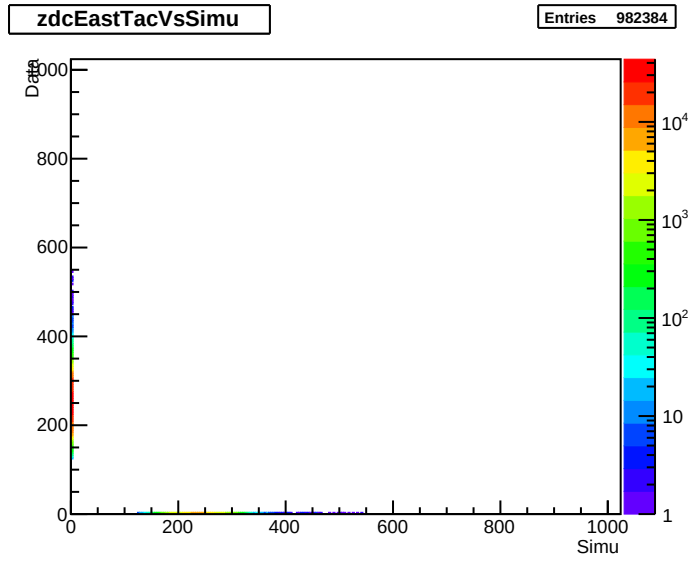

vpdWestNHits
Entries5972915

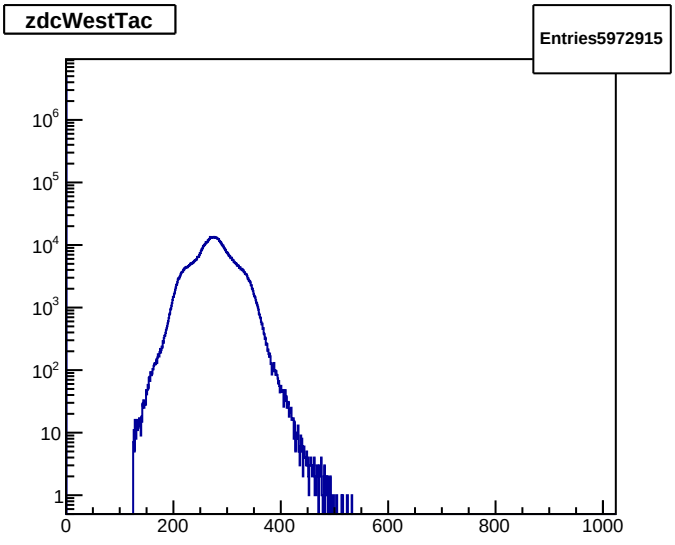

vpdWestNHitsVsSimu
Entries 1639855

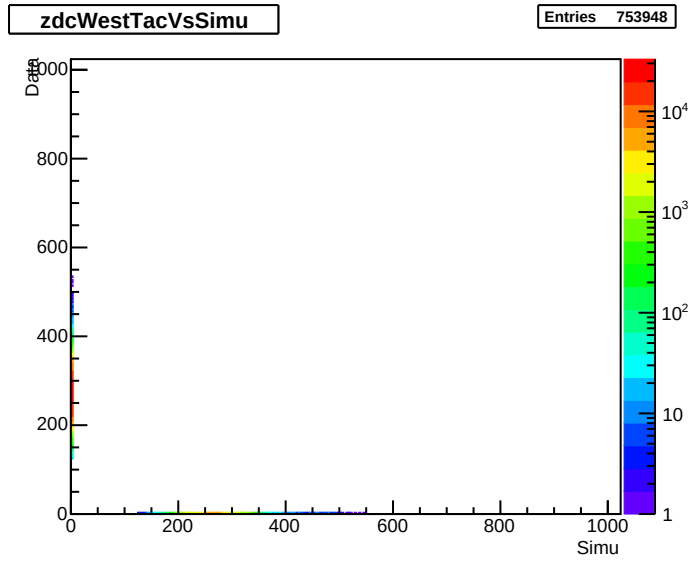

vpdWestTacSum
Entries5972915

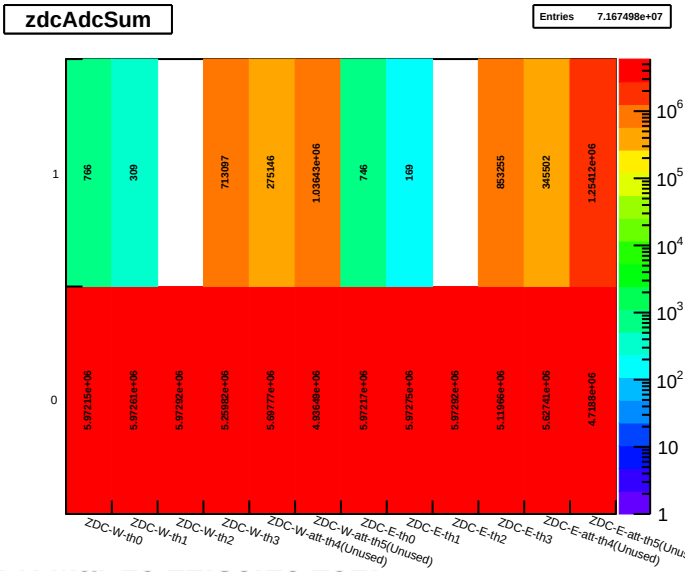

vpdWestTacSumVsSimu
Entries 4679136
Data
Simu

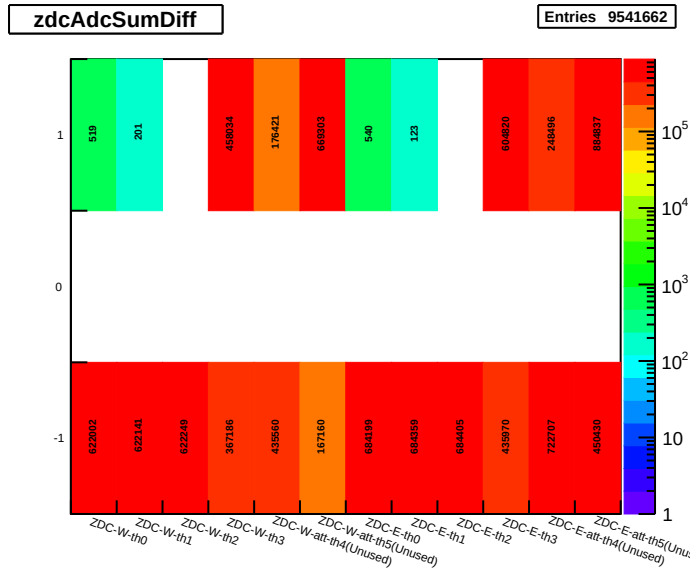

zdcEastTac
Entries5972915

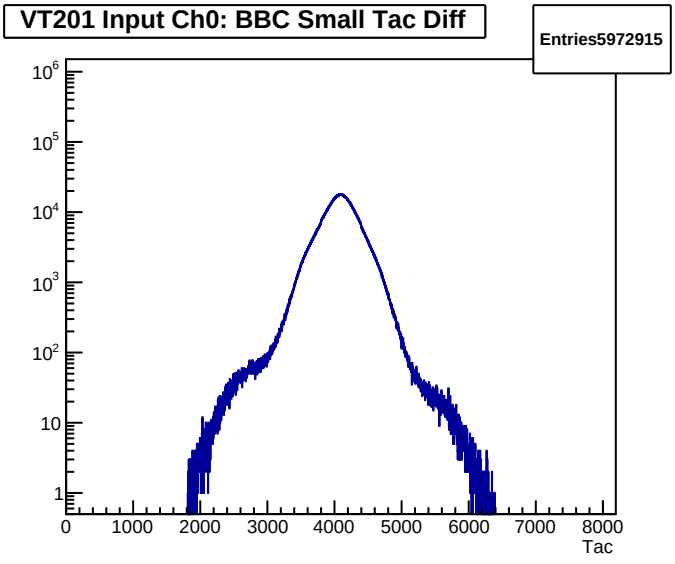

zdcEastTacVsSimu
Entries 982384
Data
Simu

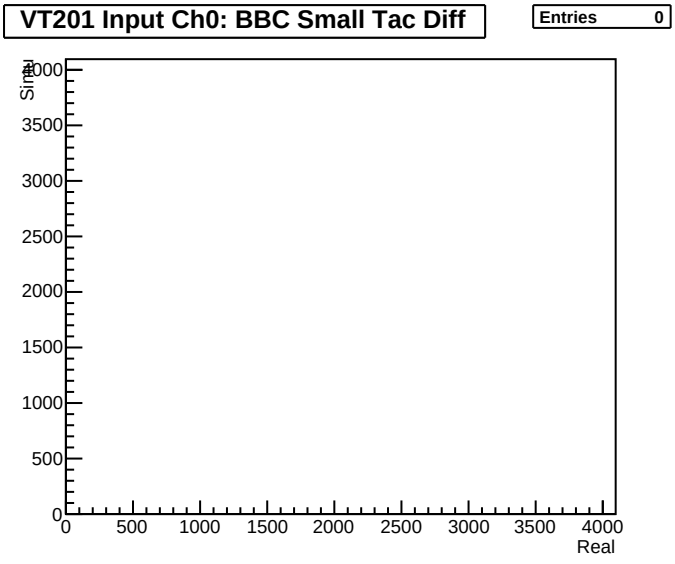

zdcWestTac
Entries5972915

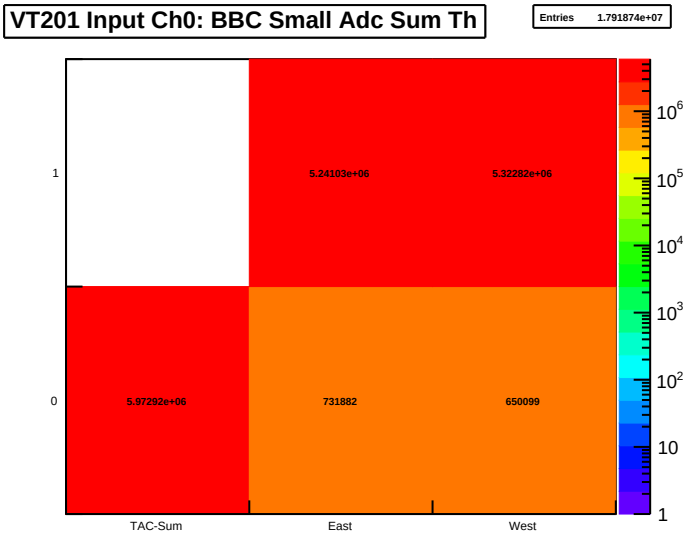

zdcWestTacVsSimu
Entries 753948
Data
Simu

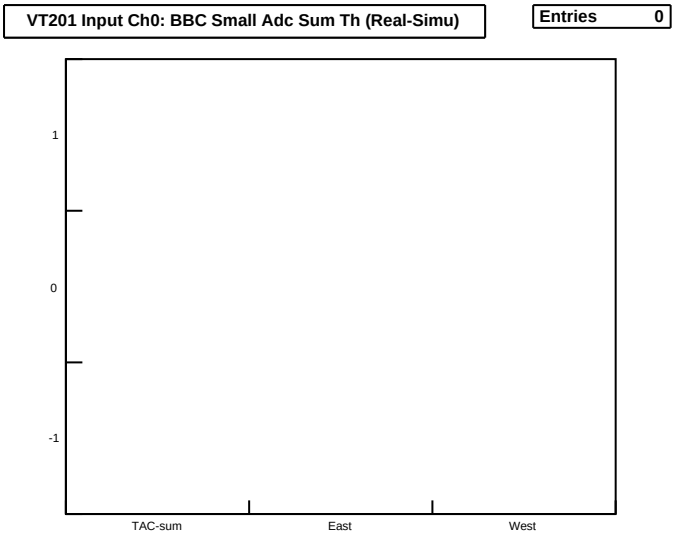

zdcAdcSum
Entries 7.167498e+07
766
309
713097
275146
1.03643e+06
746
169
853255
345502
1.25412e+06
5.97215e+06
5.97281e+06
5.97282e+06
5.25982e+06
5.68777e+06
4.93640e+06
5.97217e+06
5.97275e+06
5.97292e+06
5.11906e+06
5.62741e+06
4.7188e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

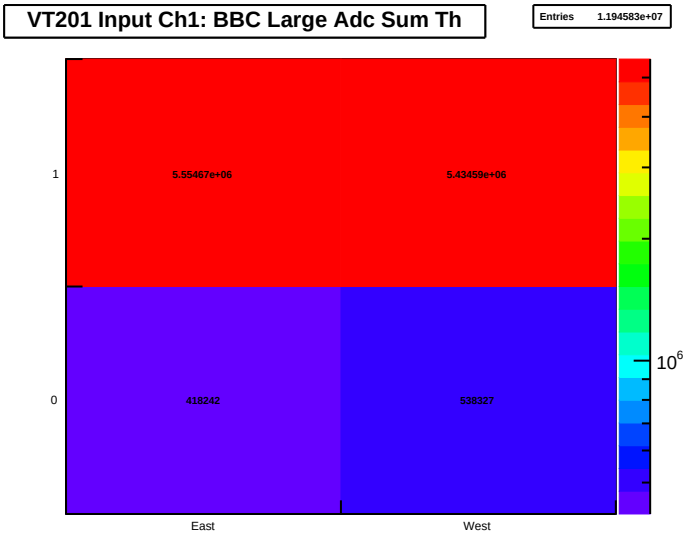

zdcAdcSumDiff
Entries 9541662
519
201
458034
176421
669303
540
123
604820
248496
834837
622002
622141
622249
367186
435560
167160
684199
684359
684405
433970
722707
450430
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

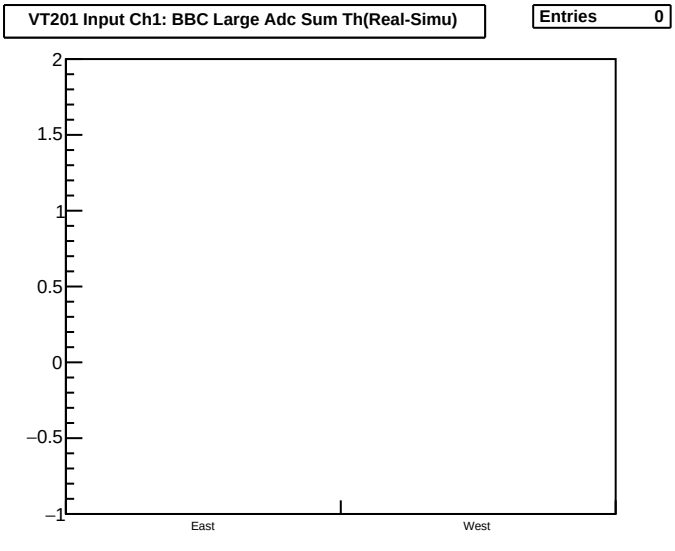

VT201 Input Ch0: BBC Small Tac Diff
Entries5972915
Tac


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

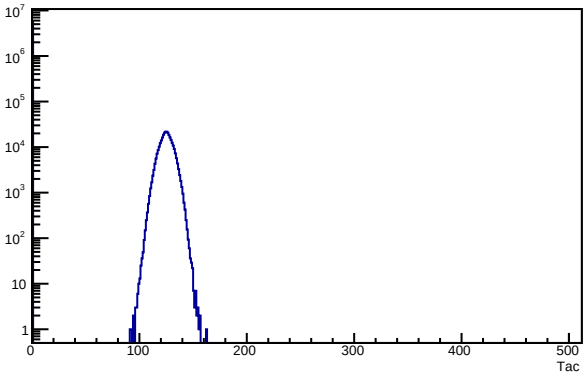

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.791874e+07
5.24103e+06
5.32282e+06
5.97292e+06
731882
650099
TAC-Sum
East
West


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

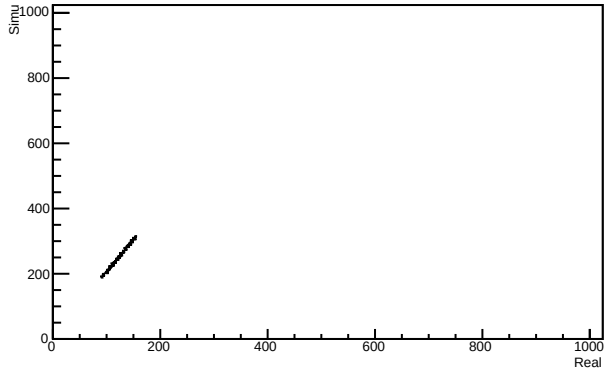

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.194583e+07
5.55467e+06
5.43459e+06
418242
538327
East
West


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

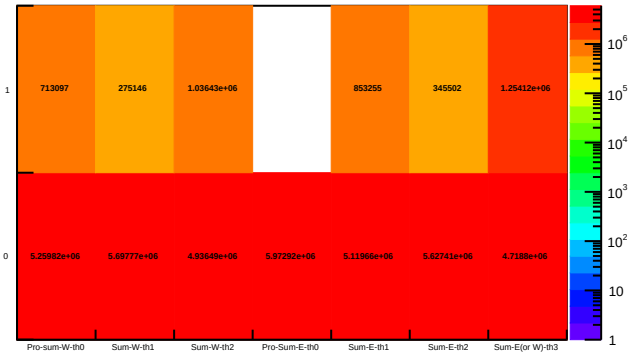
VT201 Input Ch2: ZDC Tac Diff



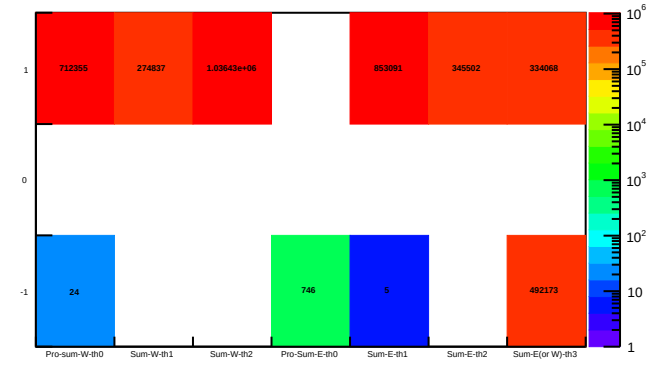
VT201 Input Ch2: ZDC Tac Diff



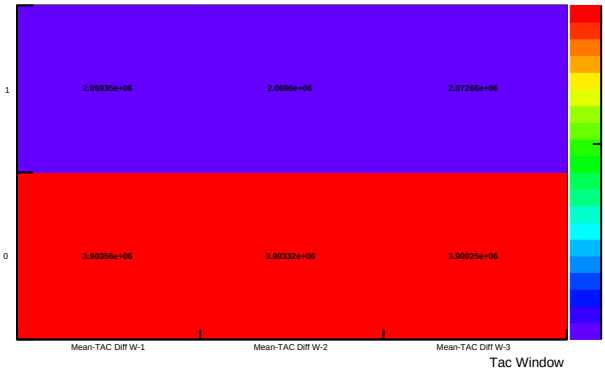
VT201 Input Ch2: ZDC Adc Sum Th



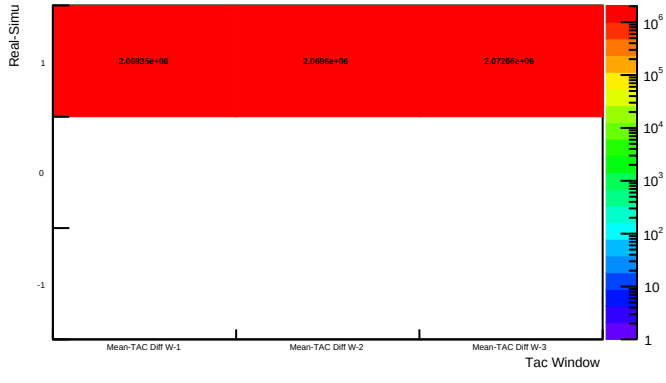
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



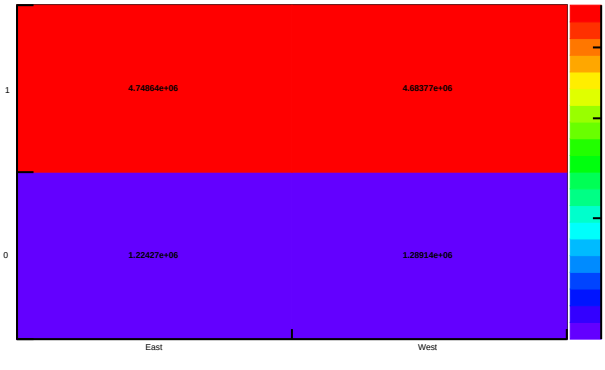
VT201 Input Ch4: VPD Tac Diff



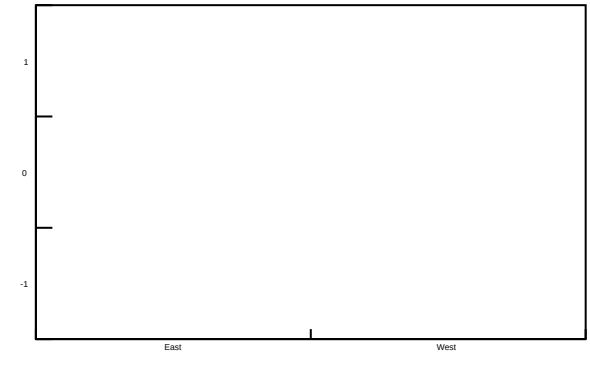
VT201 Input Ch4: VPD Tac Diff

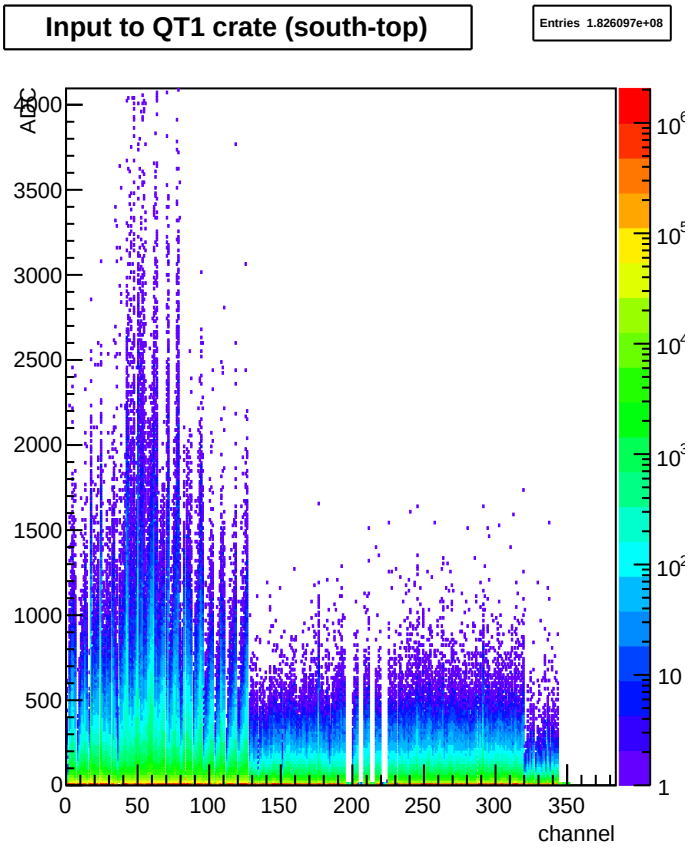


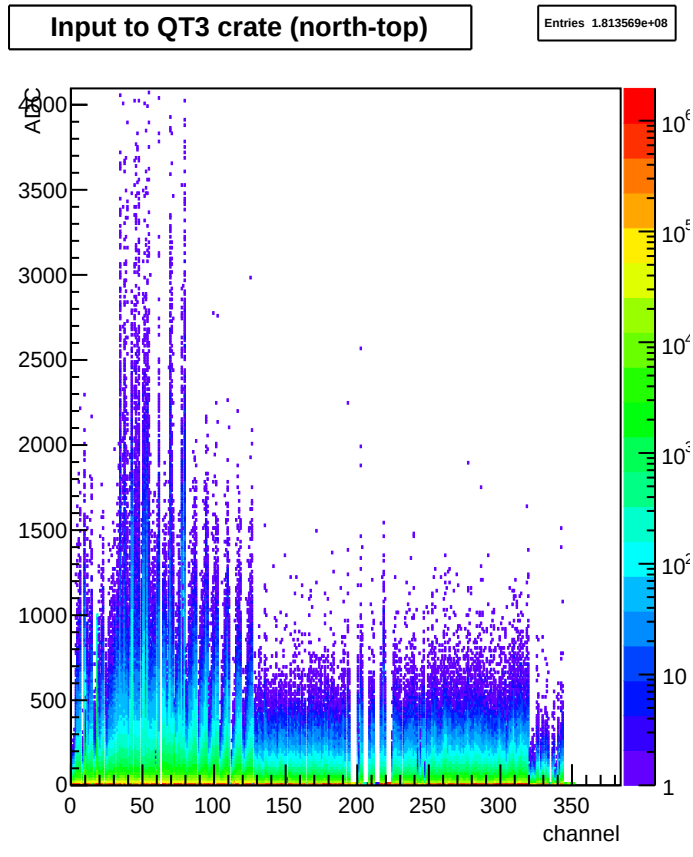
VT201 Input Ch4: VPD Adc Sum Th

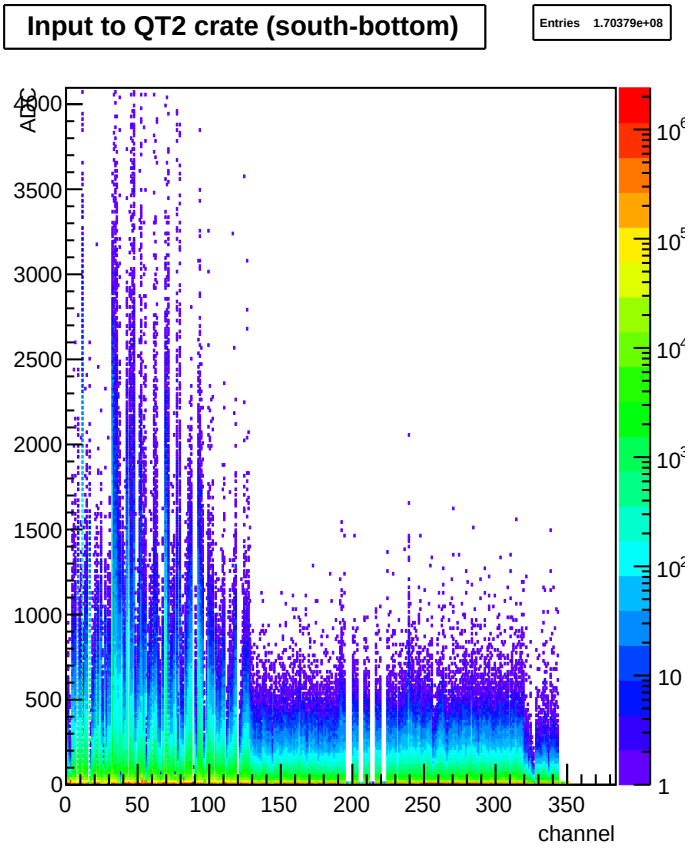


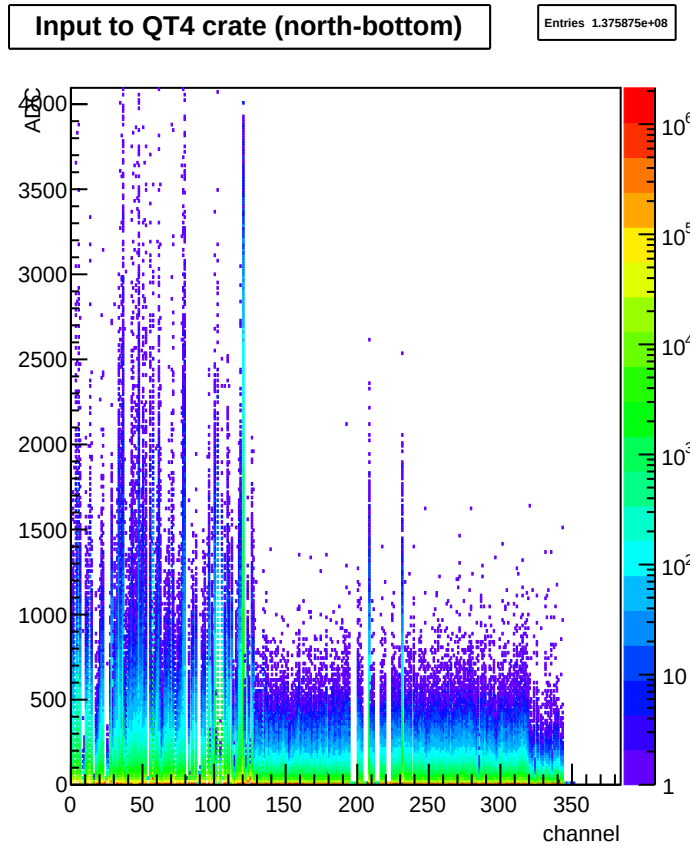
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

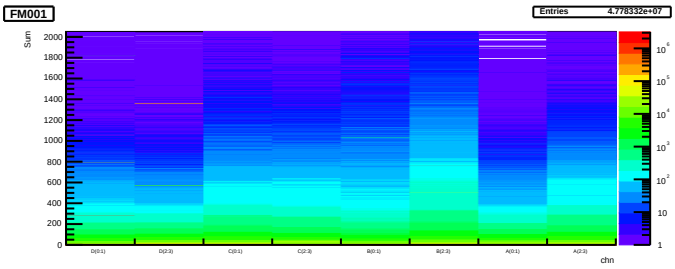


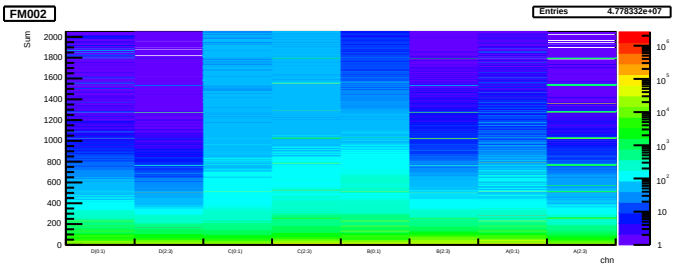

Input to QT1 crate (south-top)
Entries 1.826097e+08
ADC
channel

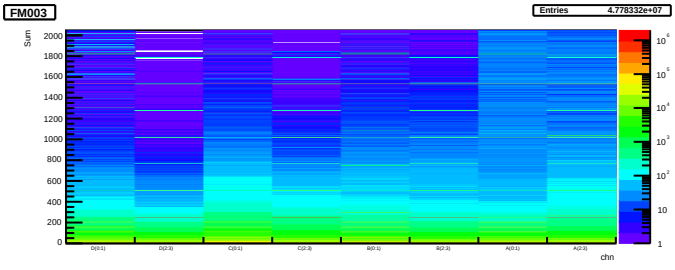

Input to QT3 crate (north-top)
Entries 1.813569e+08
ADC
channel

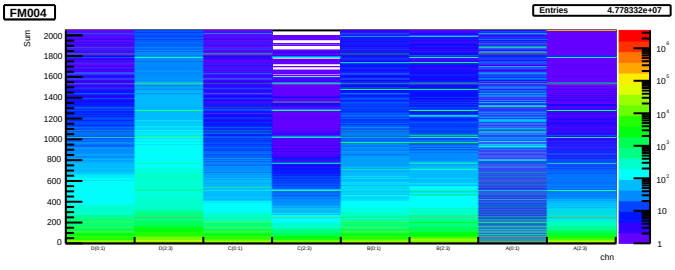

Input to QT2 crate (south-bottom)
Entries 1.70379e+08
ADC
channel

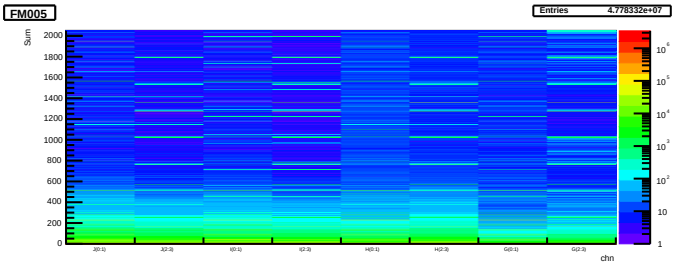

Input to QT4 crate (north-bottom)
Entries 1.375875e+08
ADC
channel

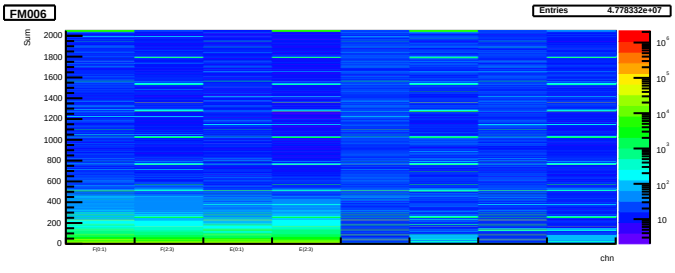

FM001
Entries 4.778332e+07
Sum
chn

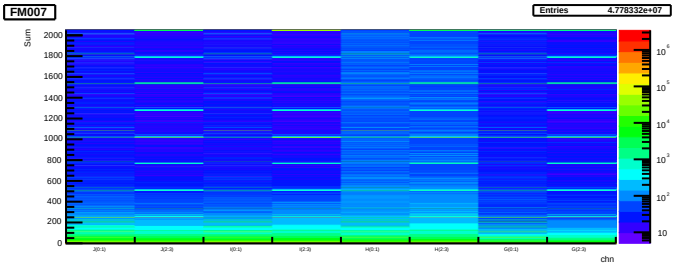

FM002
Entries 4.778332e+07
Sum
chn

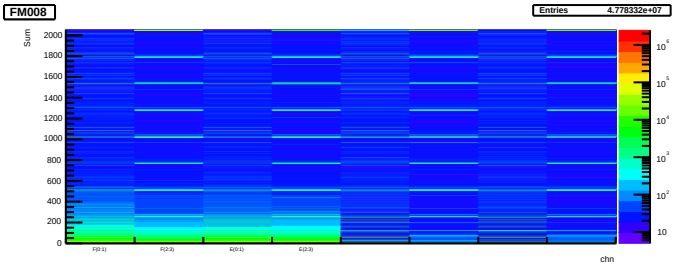

FM003
Entries 4.778332e+07
Sum
chn

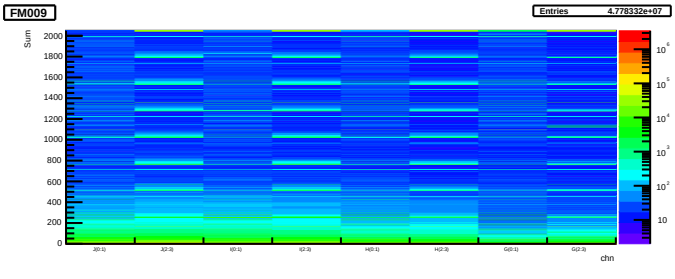

FM004
Entries 4.778332e+07
Sum
chn

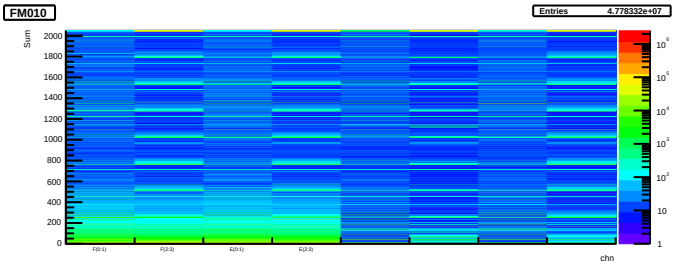

FM005
Entries 4.778332e+07
Sum
chn


FM006
Entries 4.778332e+07
Sum
chn


FM007
Entries 4.778332e+07
Sum
chn


FM008
Entries 4.778332e+07
Sum
chn


FM009
Entries 4.778332e+07
Sum
chn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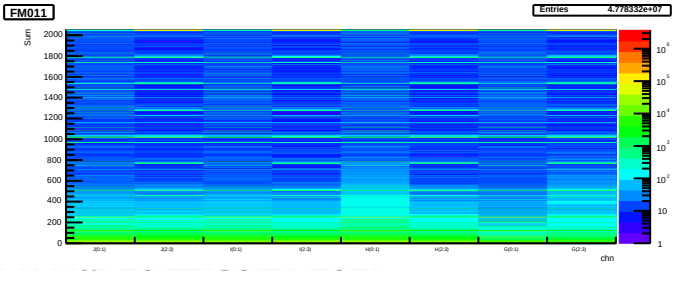
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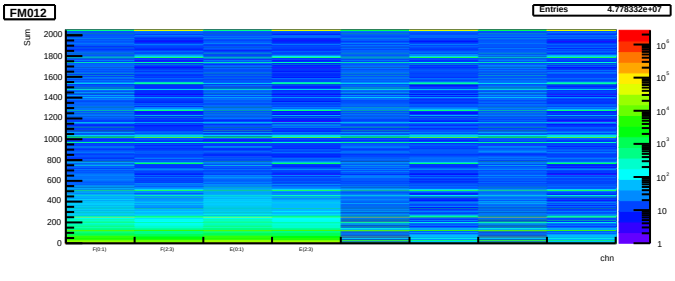
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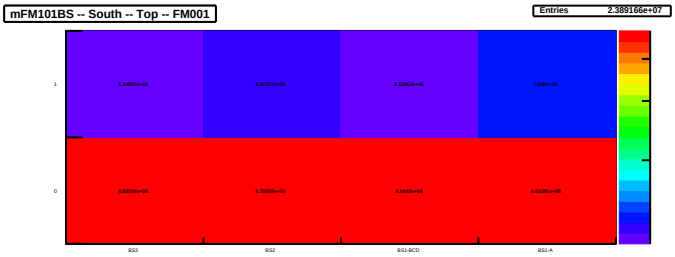
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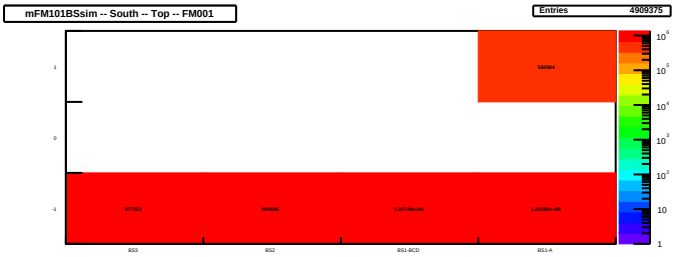
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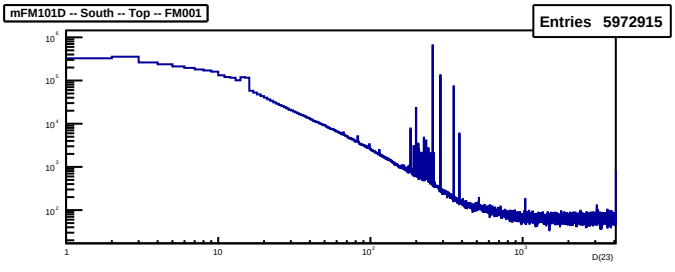
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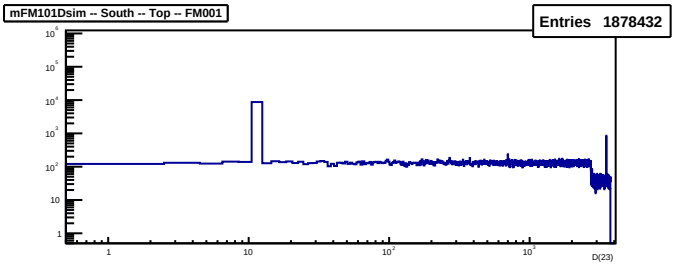
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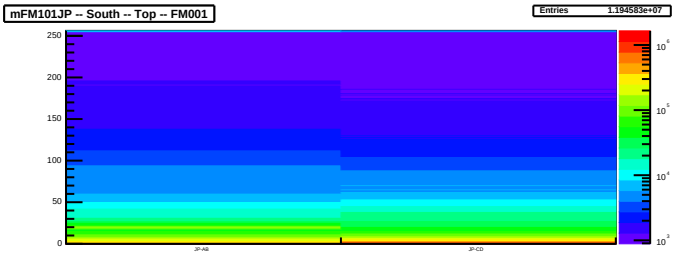
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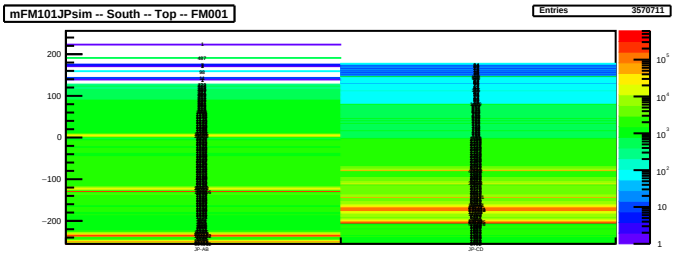
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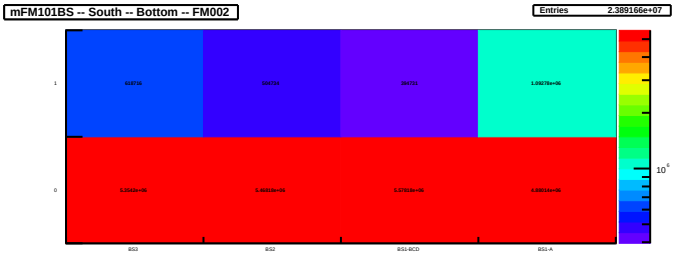
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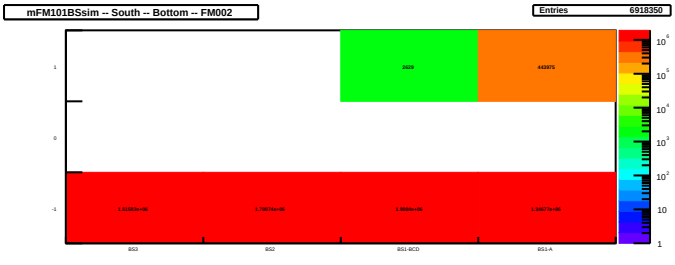
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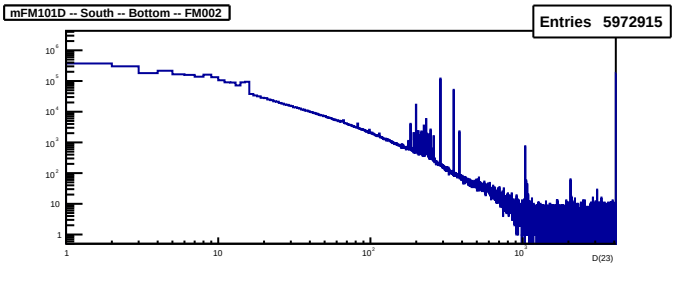
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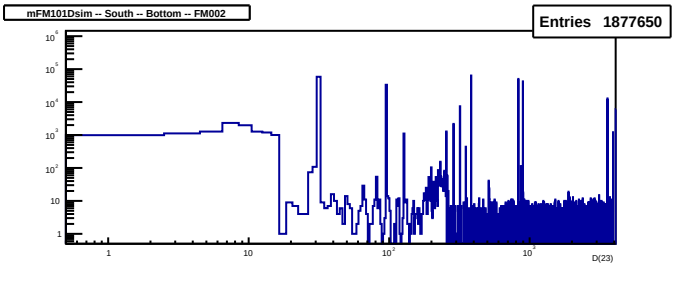
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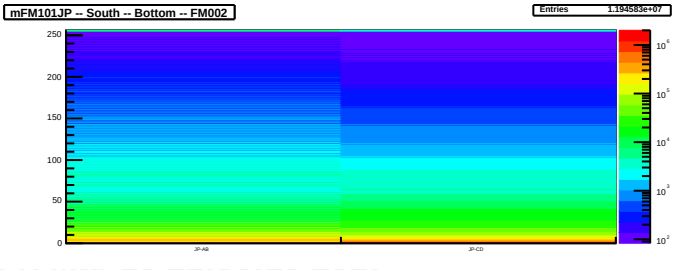
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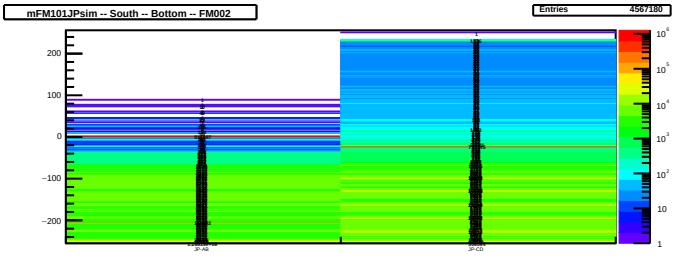
Entries 1.194583e+07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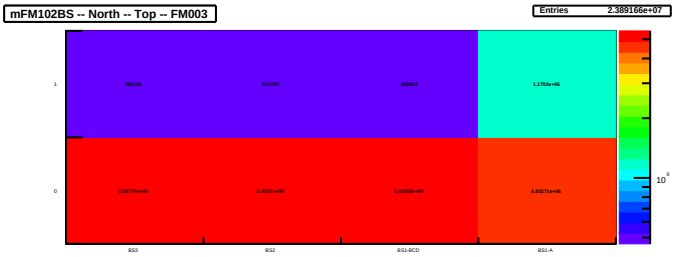
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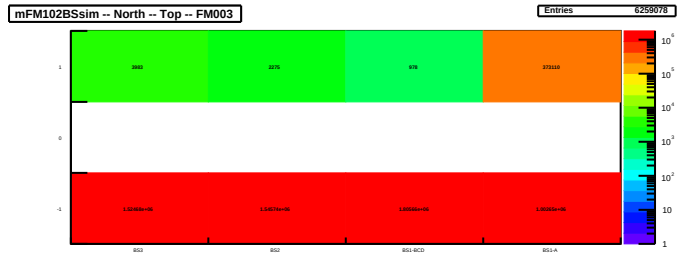
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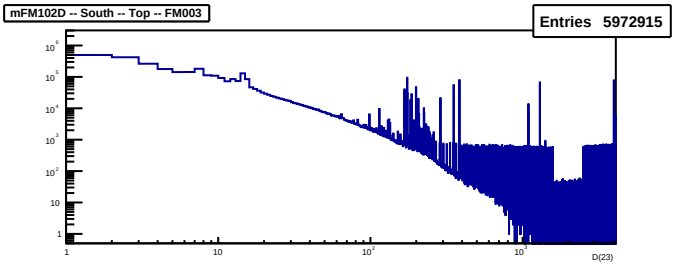
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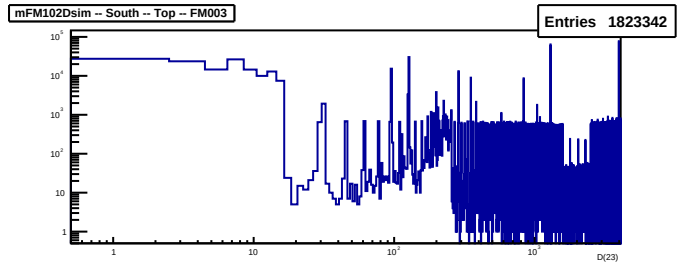
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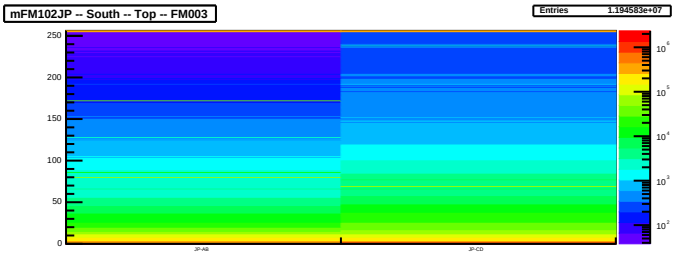
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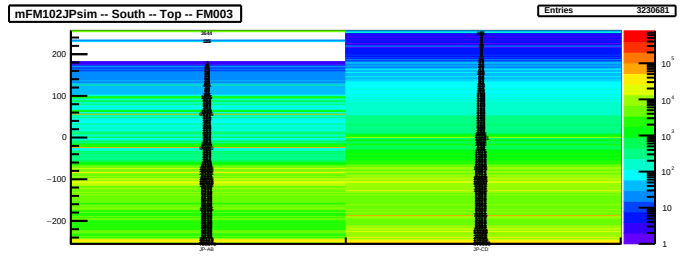
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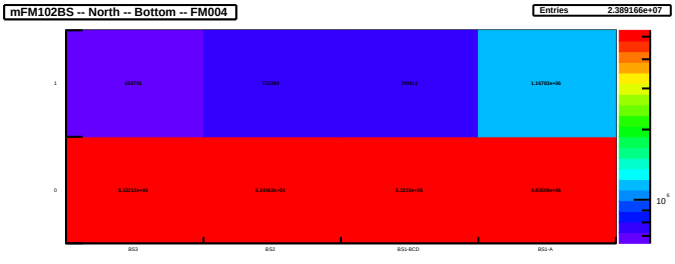
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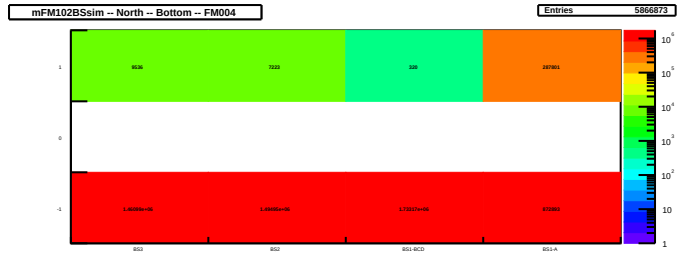
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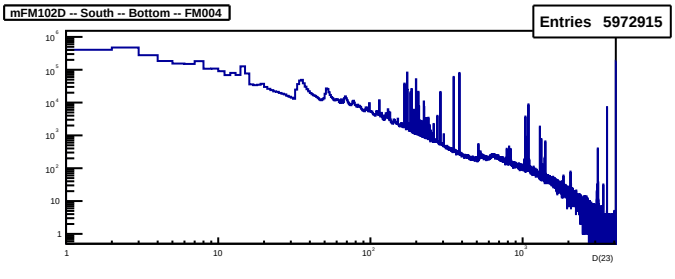
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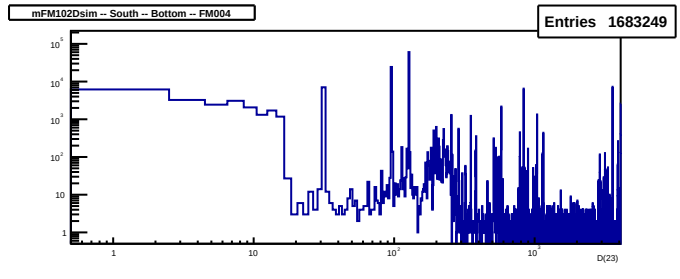
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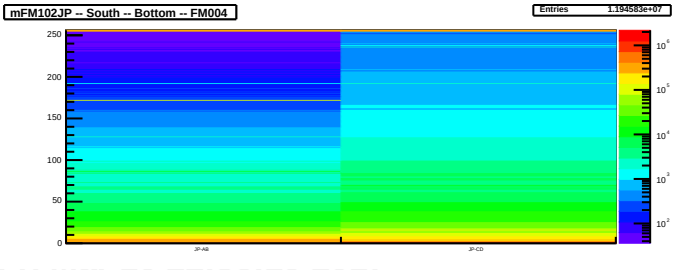
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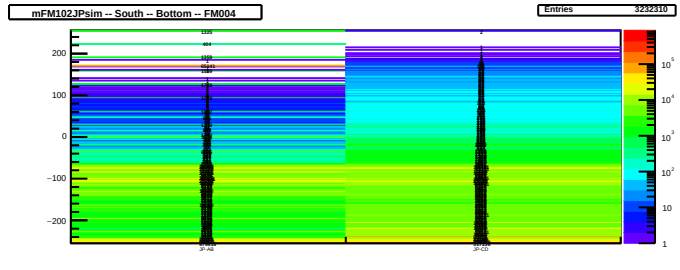
Entries 1.194583e+07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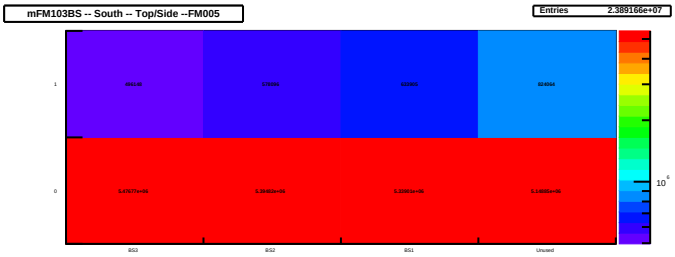
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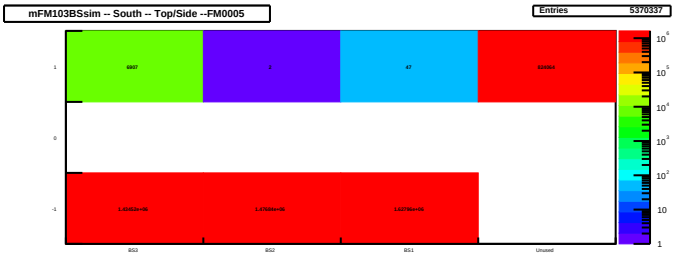
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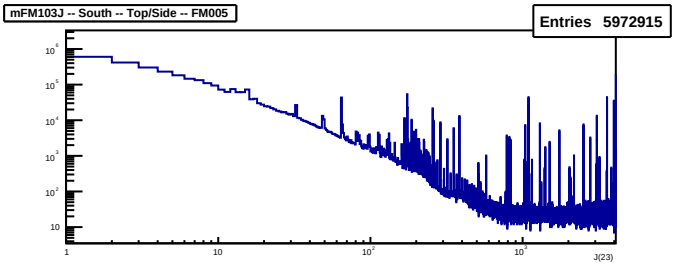
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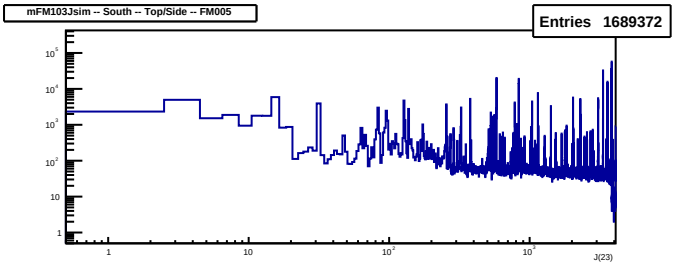
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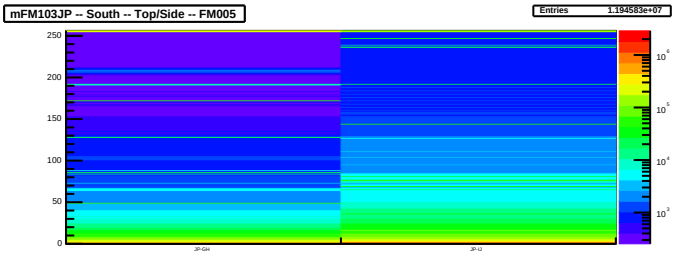
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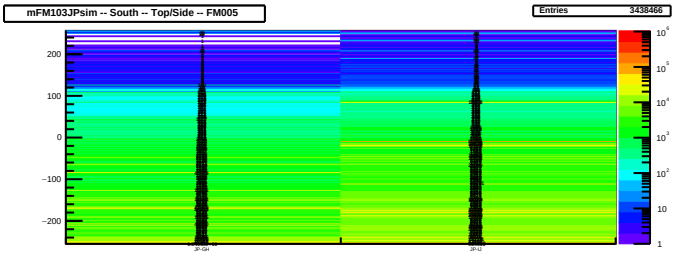
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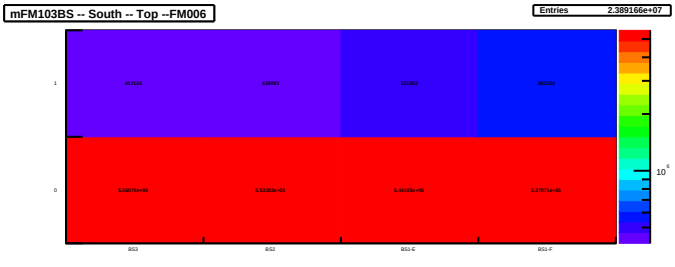
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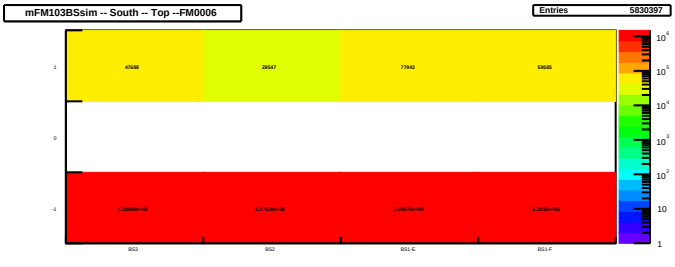
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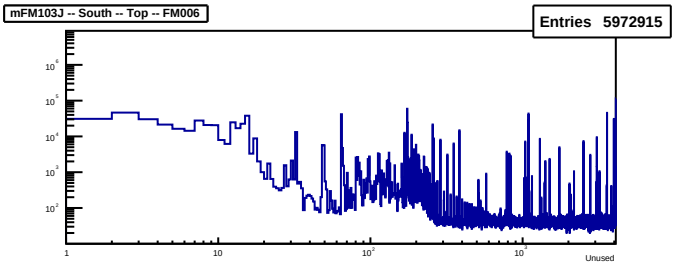
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Entries 5972915
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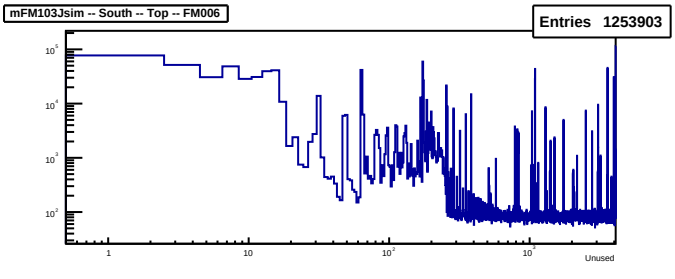
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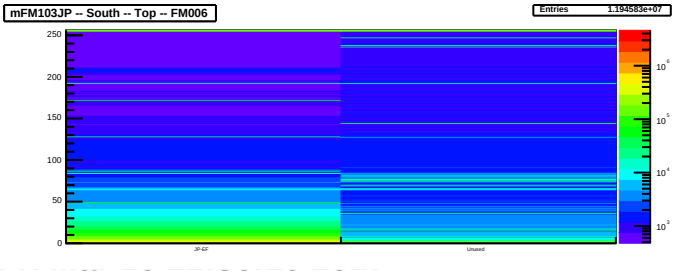
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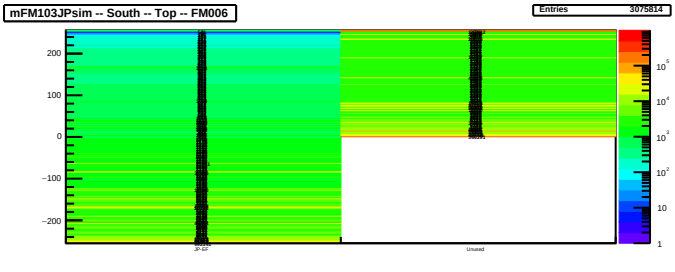
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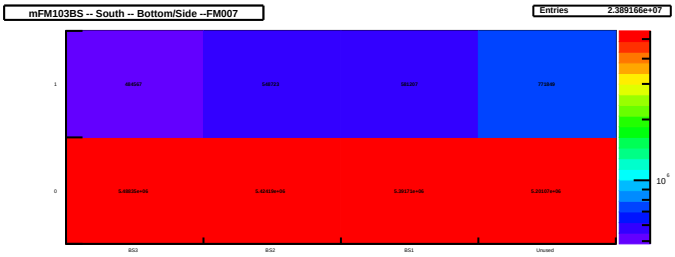
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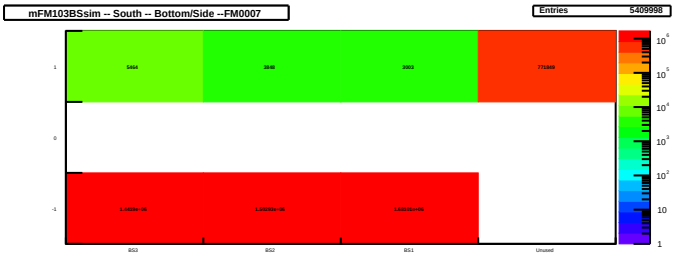
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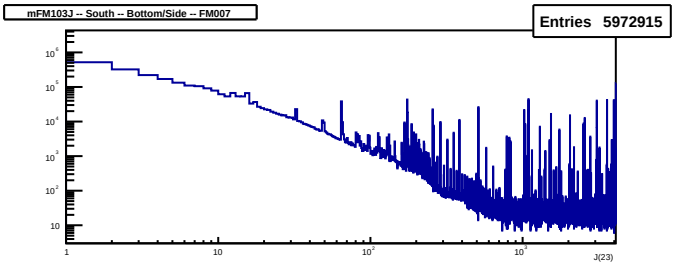
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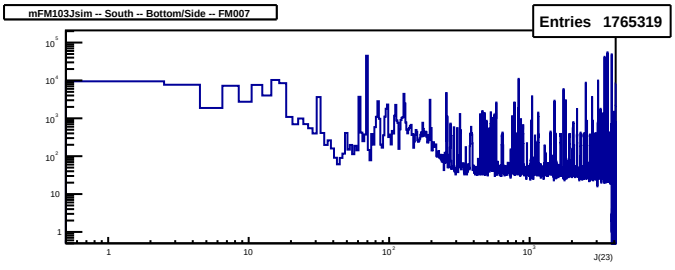
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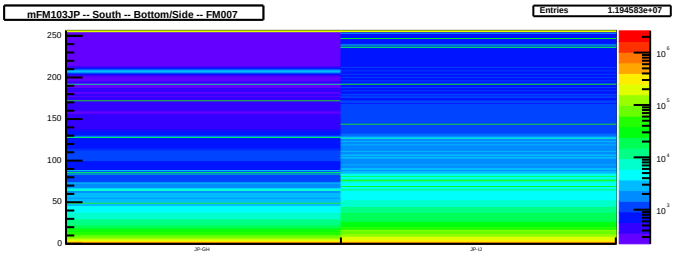
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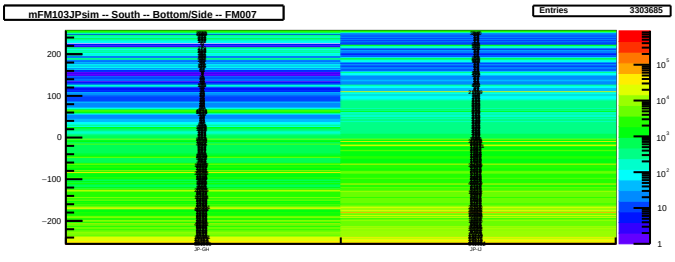
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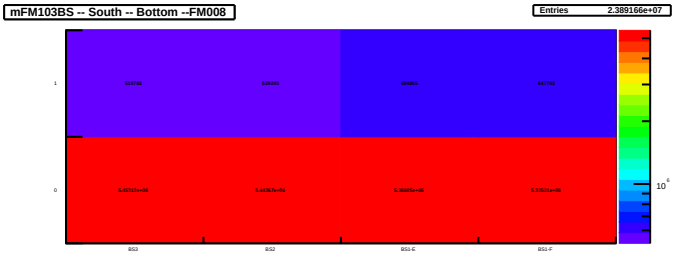
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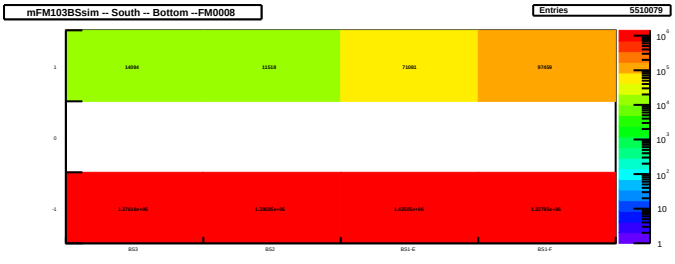
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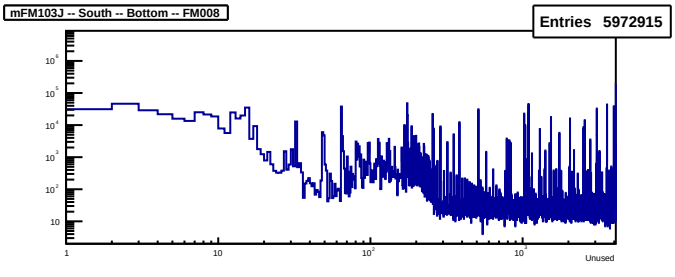
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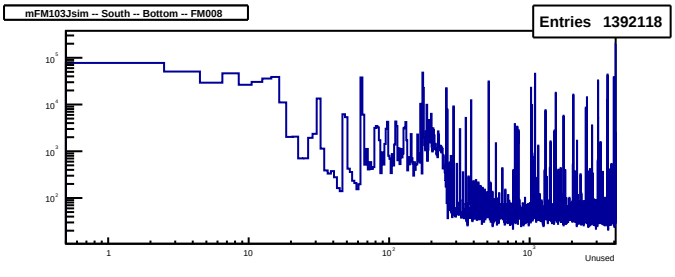
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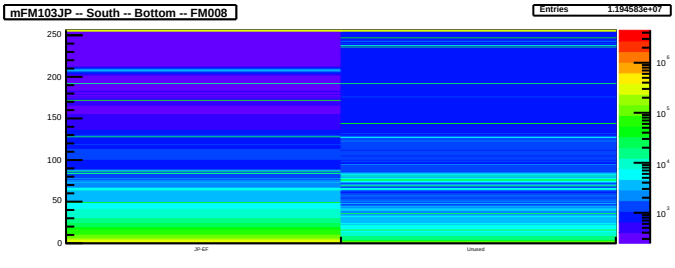
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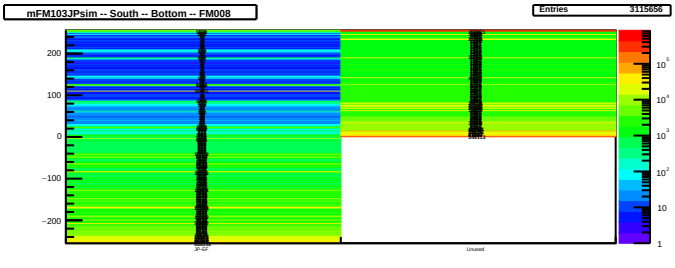
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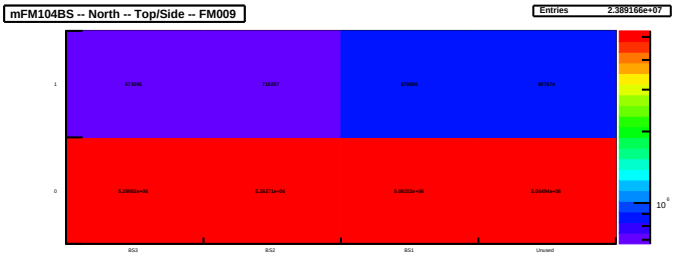
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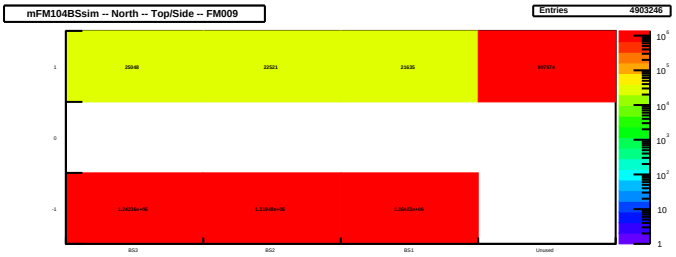
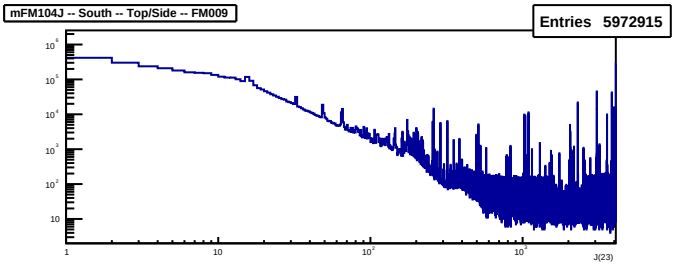
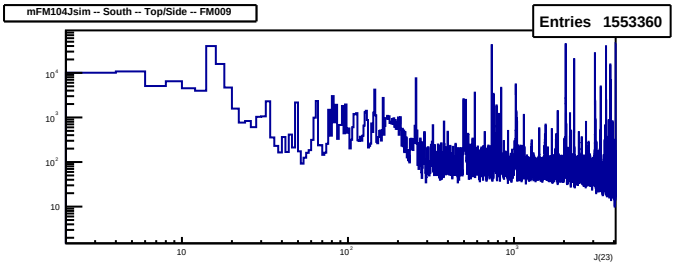

mFM104BSsim -- North -- Top/Side -- FM009
Entries 4903246


mFM104J -- South -- Top/Side -- FM009
Entries 5972915
J(23)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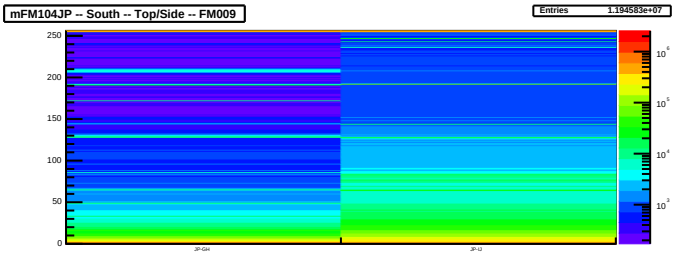
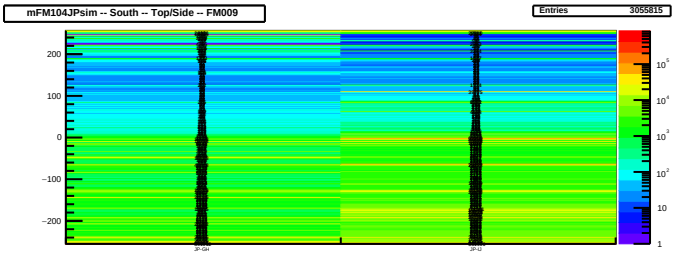
Entries 1553360
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.194583e+07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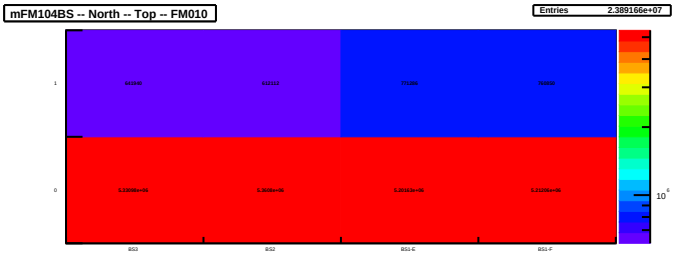
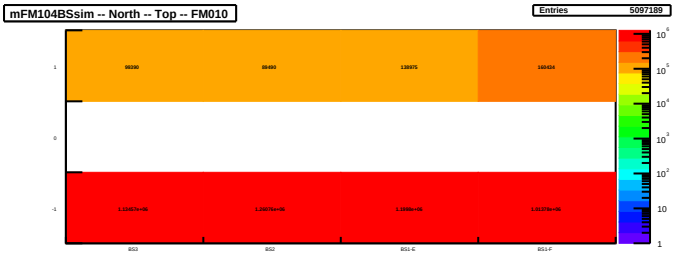
Entries 3055815


mFM104BS -- North -- Top -- FM010
Entries 2.389166e+07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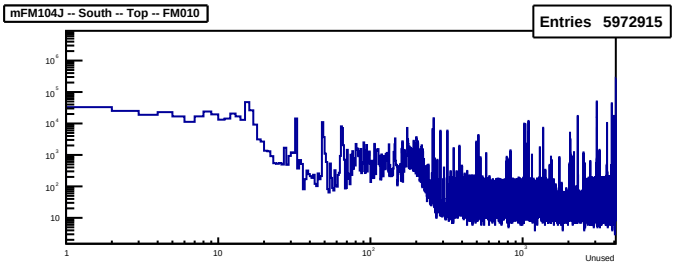
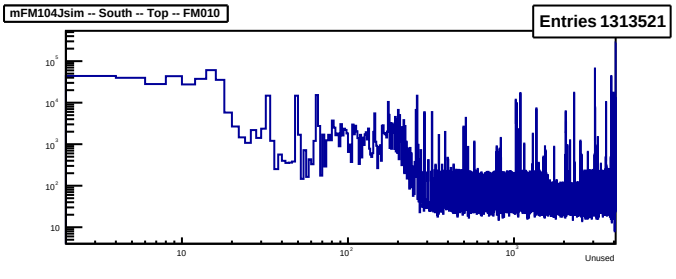
Entries 5097189


mFM104J -- South -- Top -- FM010
Entries 5972915
Unused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Entries 1313521
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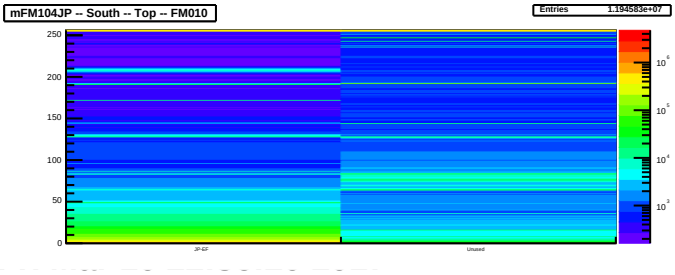
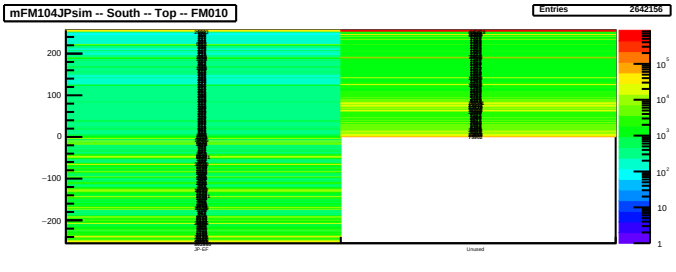
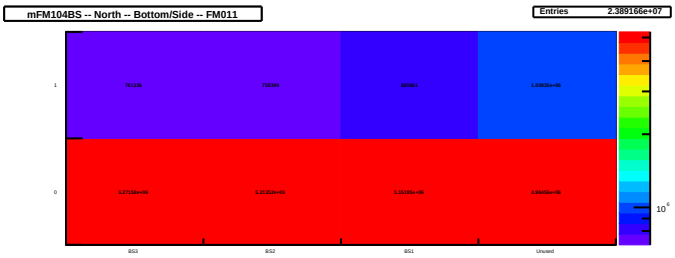
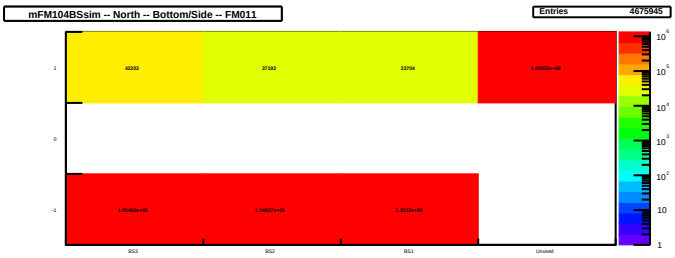

mFM104JP -- South -- Top -- FM010
Entries 1.194583e+07


mFM104JPsim -- South -- Top -- FM010
Entries 2642156


mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.389166e+07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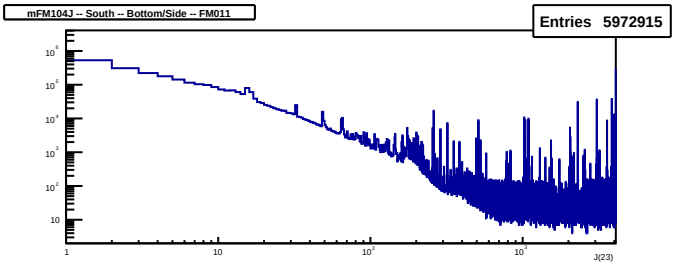
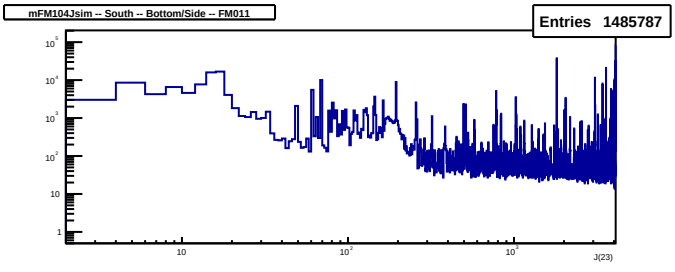
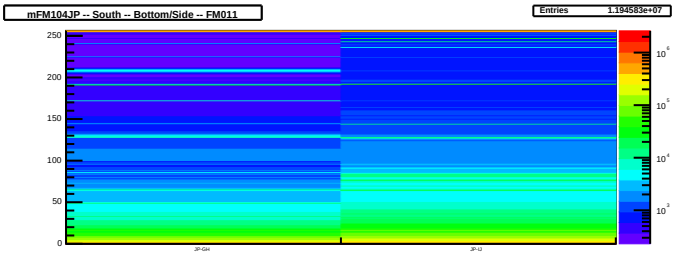
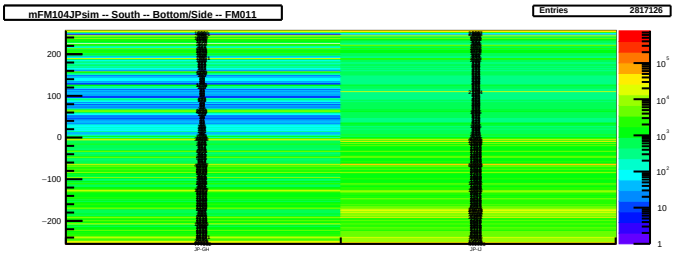
Entries 4675945


mFM104J -- South -- Bottom/Side -- FM011
Entries 5972915
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1485787
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.194583e+07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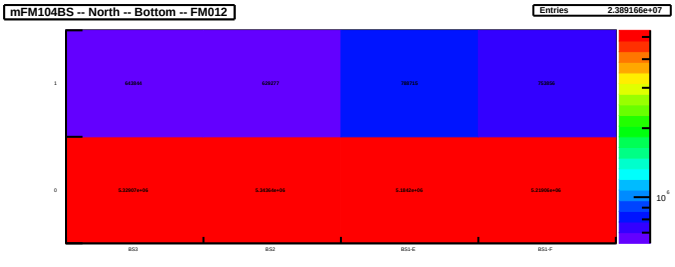
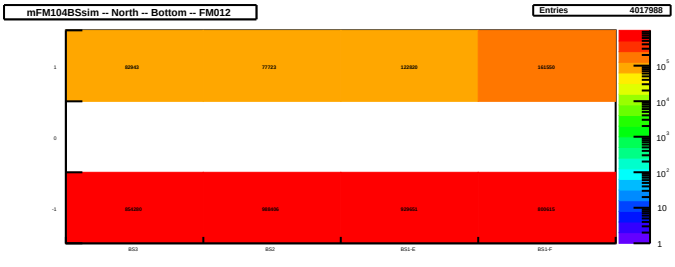
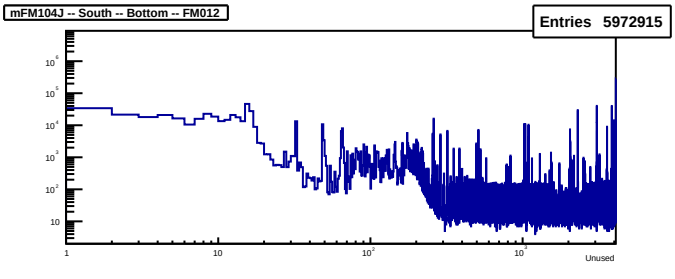
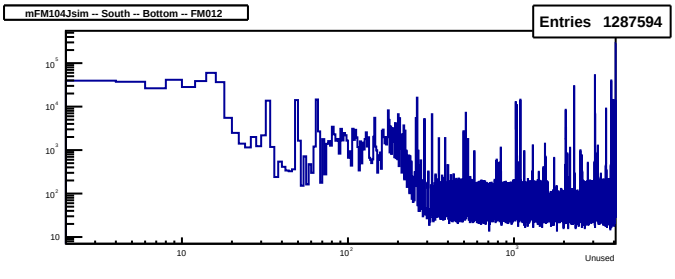

mFM104BS -- North -- Bottom -- FM012
Entries 2.389166e+07


mFM104BSsim -- North -- Bottom -- FM012
Entries 4017988


mFM104J -- South -- Bottom -- FM012
Entries 5972915
Unused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Entries 1287594
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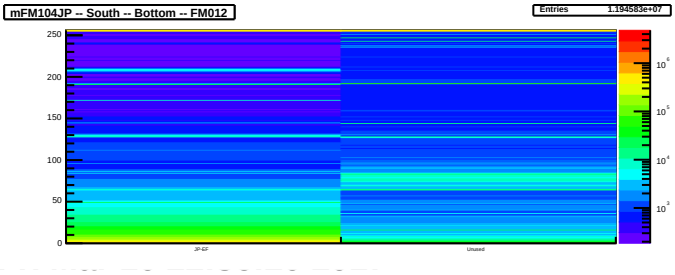
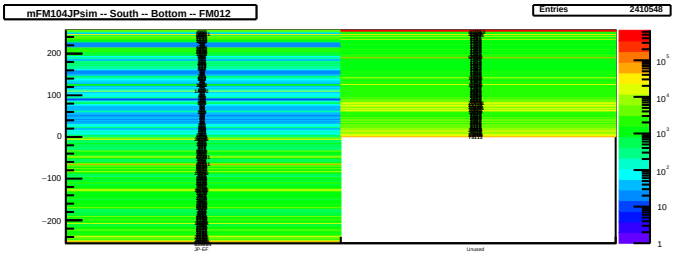
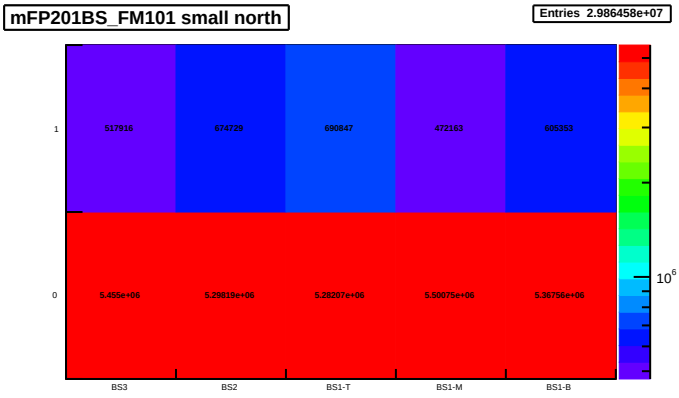
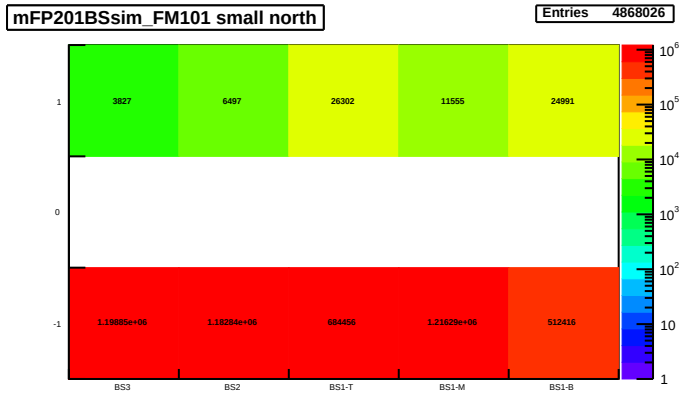
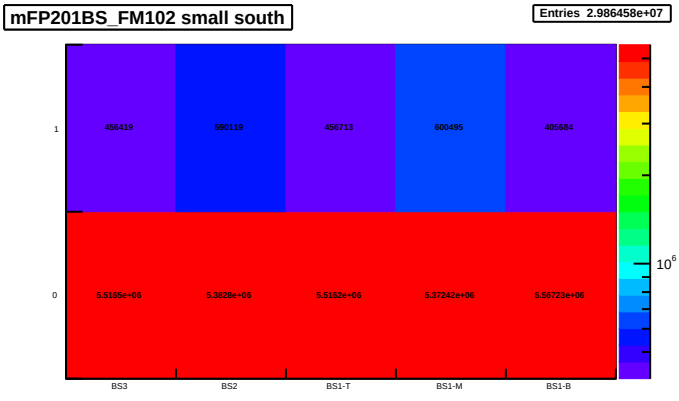
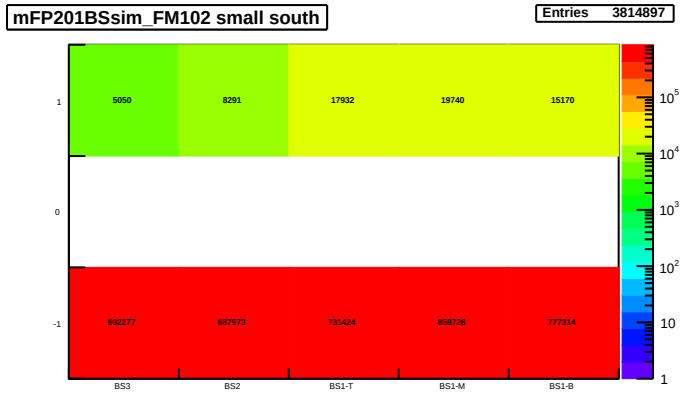

mFM104JP -- South -- Bottom -- FM012
Entries 1.194583e+07

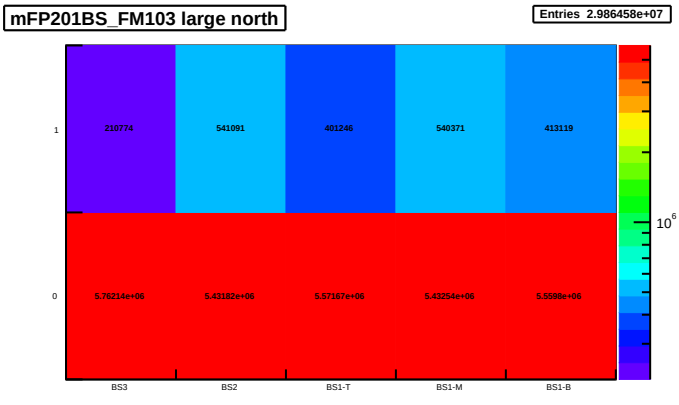

mFM104JPsim -- South -- Bottom -- FM012
Entries 2410548

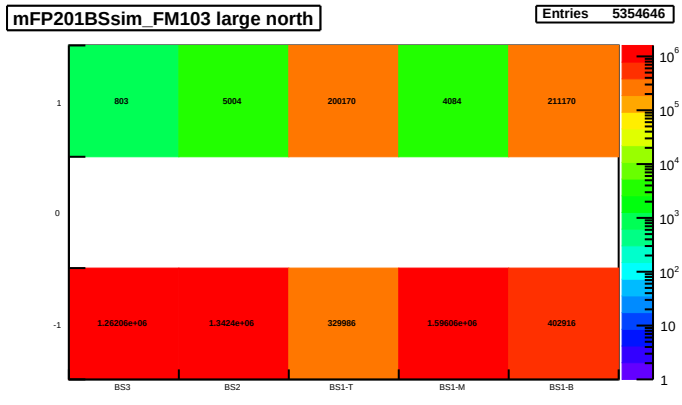

mFP201BS_FM101 small north
Entries 2.986458e+07
517916
674729
690847
472163
605353
5.455e+06
5.29819e+06
5.28207e+06
5.50075e+06
5.36756e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

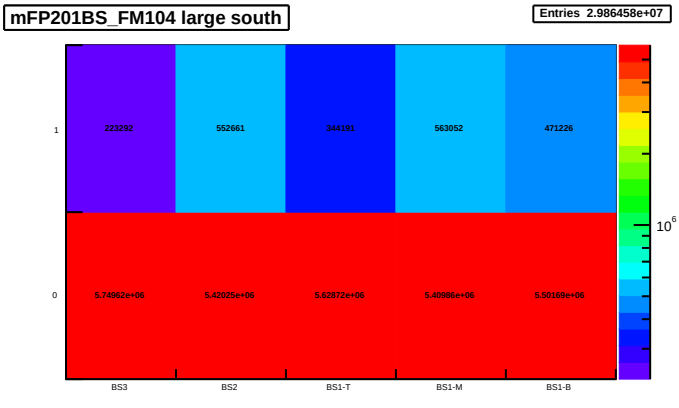

mFP201BSsim_FM101 small north
Entries 4868026
3827
6497
26302
11555
24991
1.19885e+06
1.18284e+06
684456
1.21629e+06
512416
BS3
BS2
BS1-T
BS1-M
BS1-B

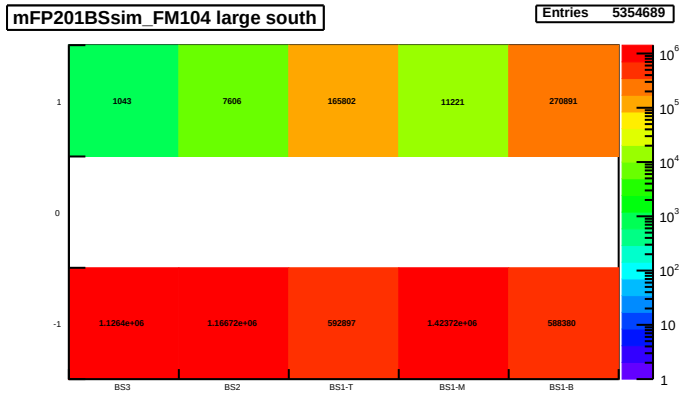

mFP201BS_FM102 small south
Entries 2.986458e+07
456419
590119
456713
600495
405684
5.5165e+06
5.3828e+06
5.5162e+06
5.37242e+06
5.56723e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

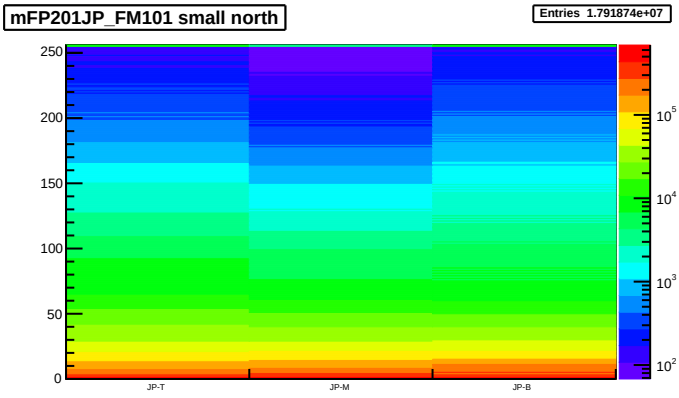

mFP201BSsim_FM102 small south
Entries 3814897
5050
8291
17932
19740
15170
692277
687973
731424
859726
777314
BS3
BS2
BS1-T
BS1-M
BS1-B

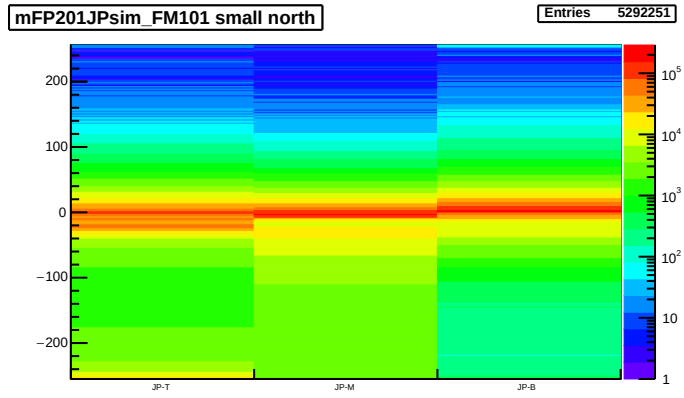

mFP201BS_FM103 large north
Entries 2.986458e+07
210774
541091
401246
540371
413119
5.76214e+06
5.43182e+06
5.57167e+06
5.43254e+06
5.5598e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

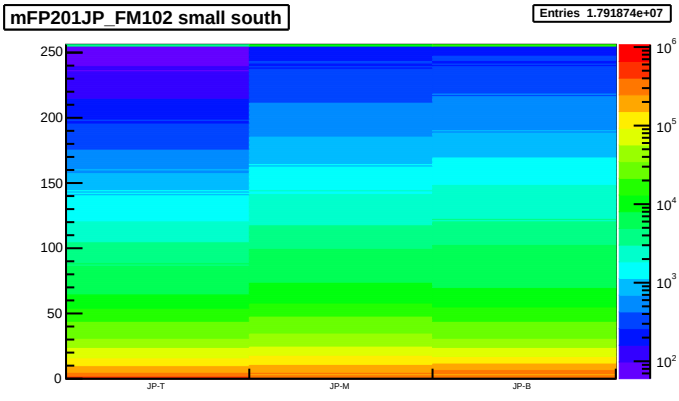

mFP201BSsim_FM103 large north
Entries 5354646
803
5004
200170
4084
211170
1.26206e+06
1.3424e+06
329986
1.59606e+06
402916
BS3
BS2
BS1-T
BS1-M
BS1-B

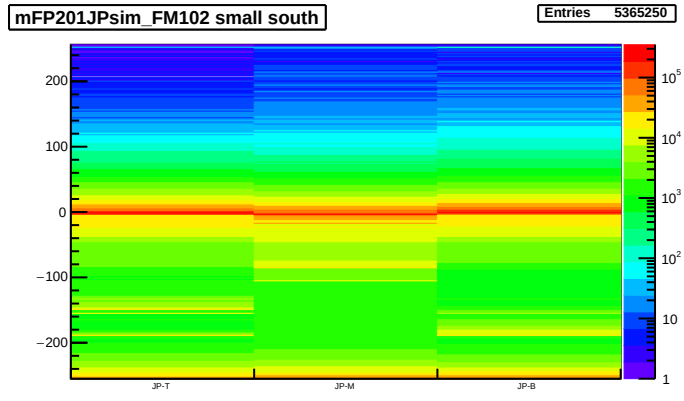

mFP201BS_FM104 large south
Entries 2.986458e+07
223292
552661
344191
563052
471226
5.74962e+06
5.42025e+06
5.62872e+06
5.40986e+06
5.50169e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

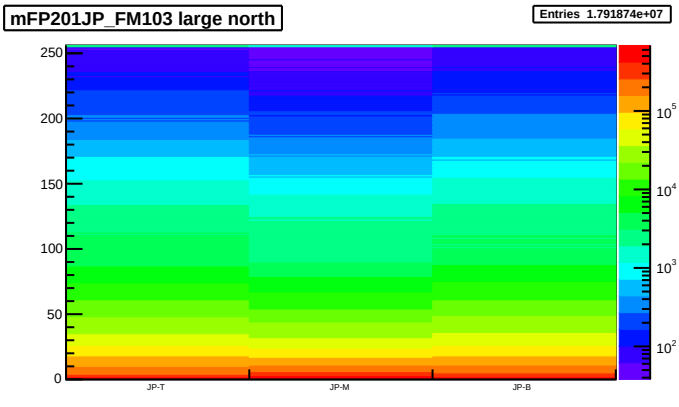

mFP201BSsim_FM104 large south
Entries 5354689
1043
7606
165802
11221
270891
1.1264e+06
1.16672e+06
592897
1.42372e+06
588380
BS3
BS2
BS1-T
BS1-M
BS1-B

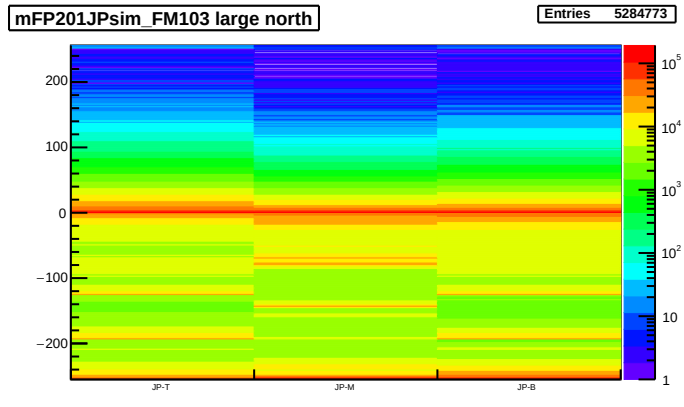

mFP201JP_FM101 small north
Entries 1.791874e+07
JP-T
JP-M
JP-B

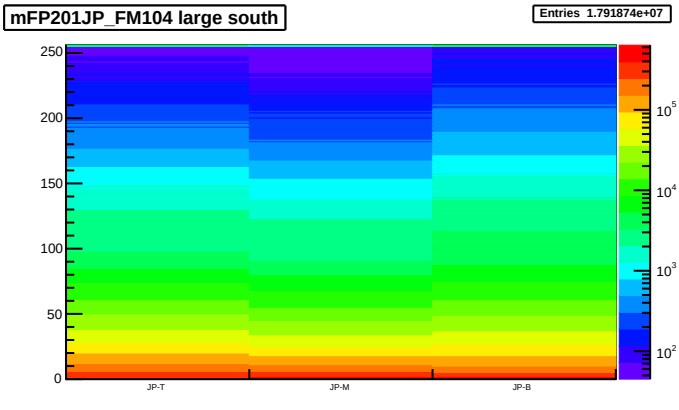

mFP201JPsim_FM101 small north
Entries 5292251
JP-T
JP-M
JP-B

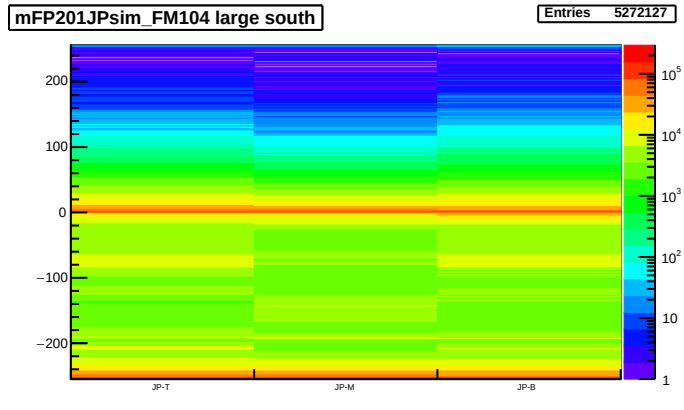

mFP201JP_FM102 small south
Entries 1.791874e+07
JP-T
JP-M
JP-B

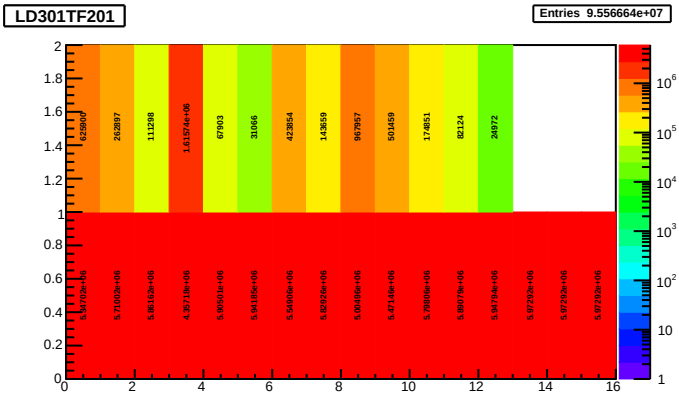

mFP201JPsim_FM102 small south
Entries 5365250
JP-T
JP-M
JP-B

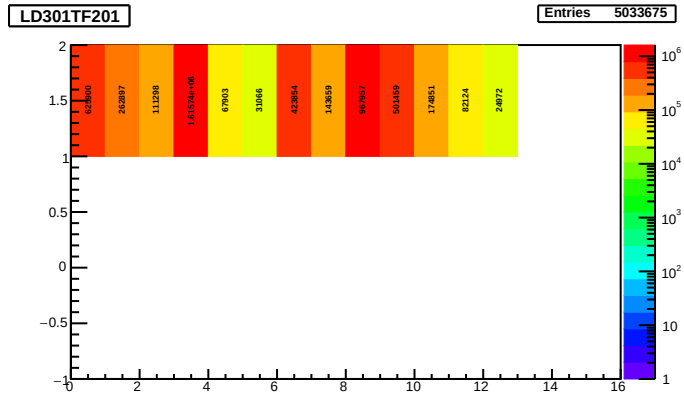

mFP201JP_FM103 large north
Entries 1.791874e+07
JP-T
JP-M
JP-B

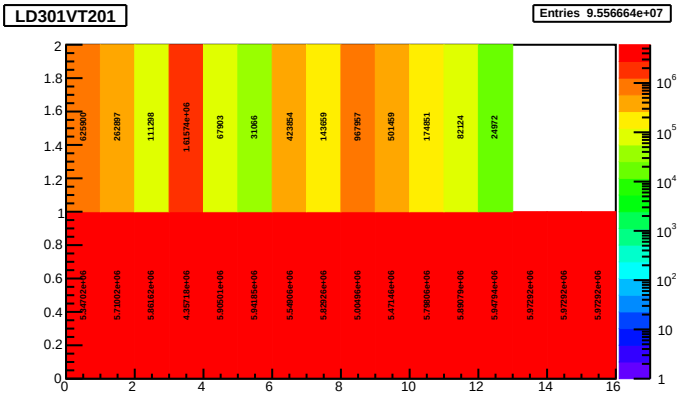

mFP201JPsim_FM103 large north
Entries 5284773
JP-T
JP-M
JP-B

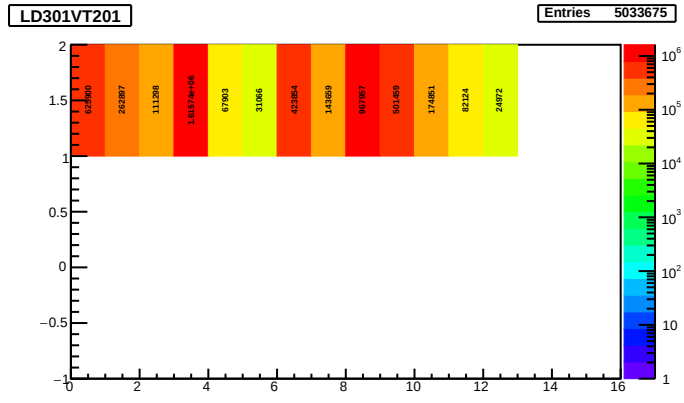

mFP201JP_FM104 large south
Entries 1.791874e+07
JP-T
JP-M
JP-B

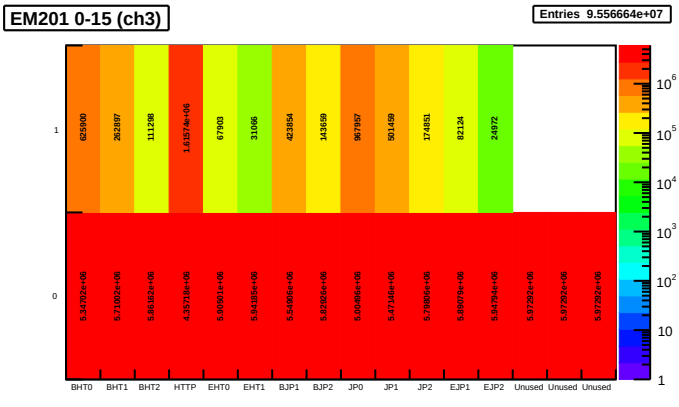

mFP201JPsim_FM104 large south
Entries 5272127
JP-T
JP-M
JP-B

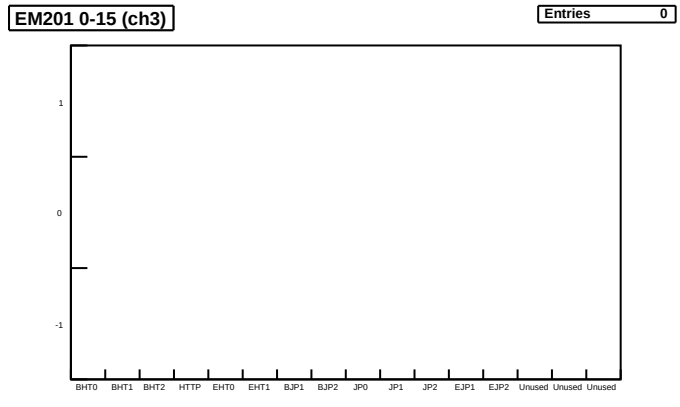

LD301TF201
Entries 9.556664e+07

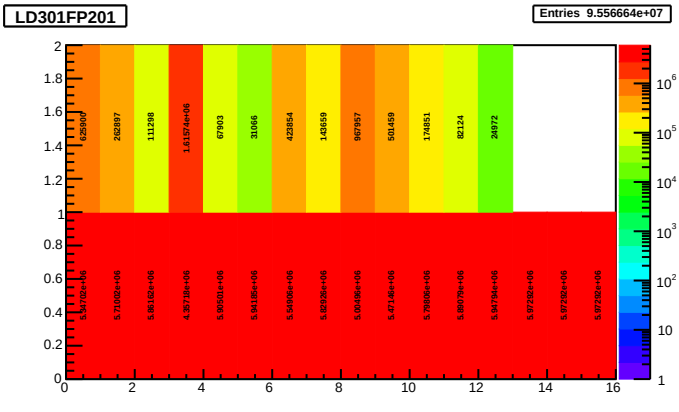

LD301TF201
Entries 5033675

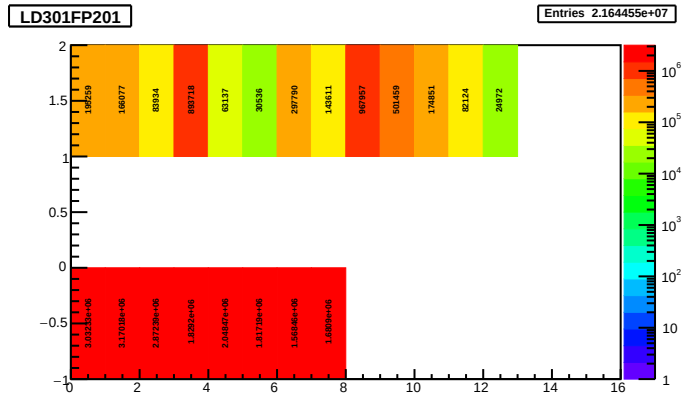

LD301VT201
Entries 9.556664e+07


LD301VT201
Entries 5033675


EM201 0-15 (ch3)
Entries 9.556664e+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 9.556664e+07


LD301FP201
Entries 2.164455e+07