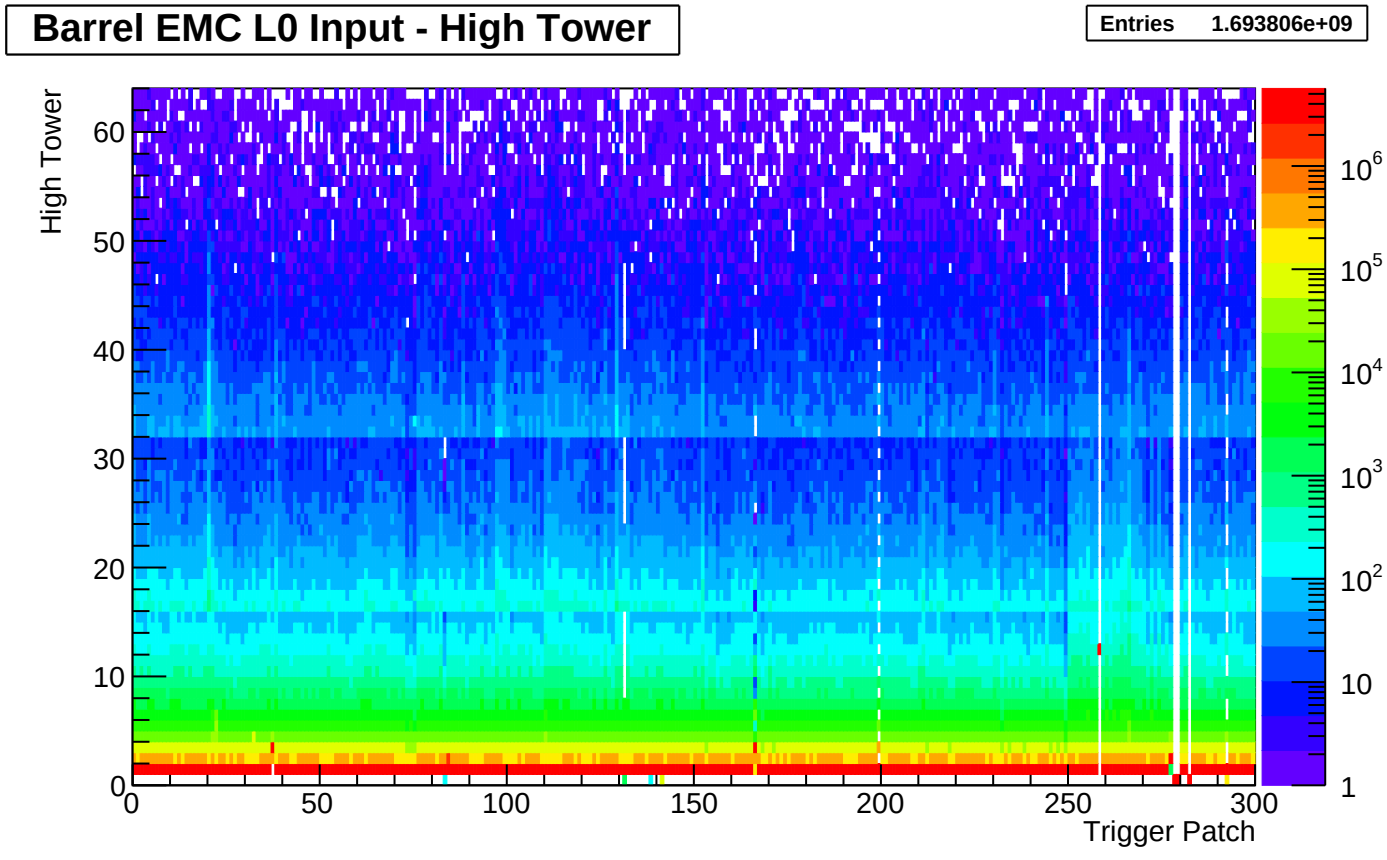
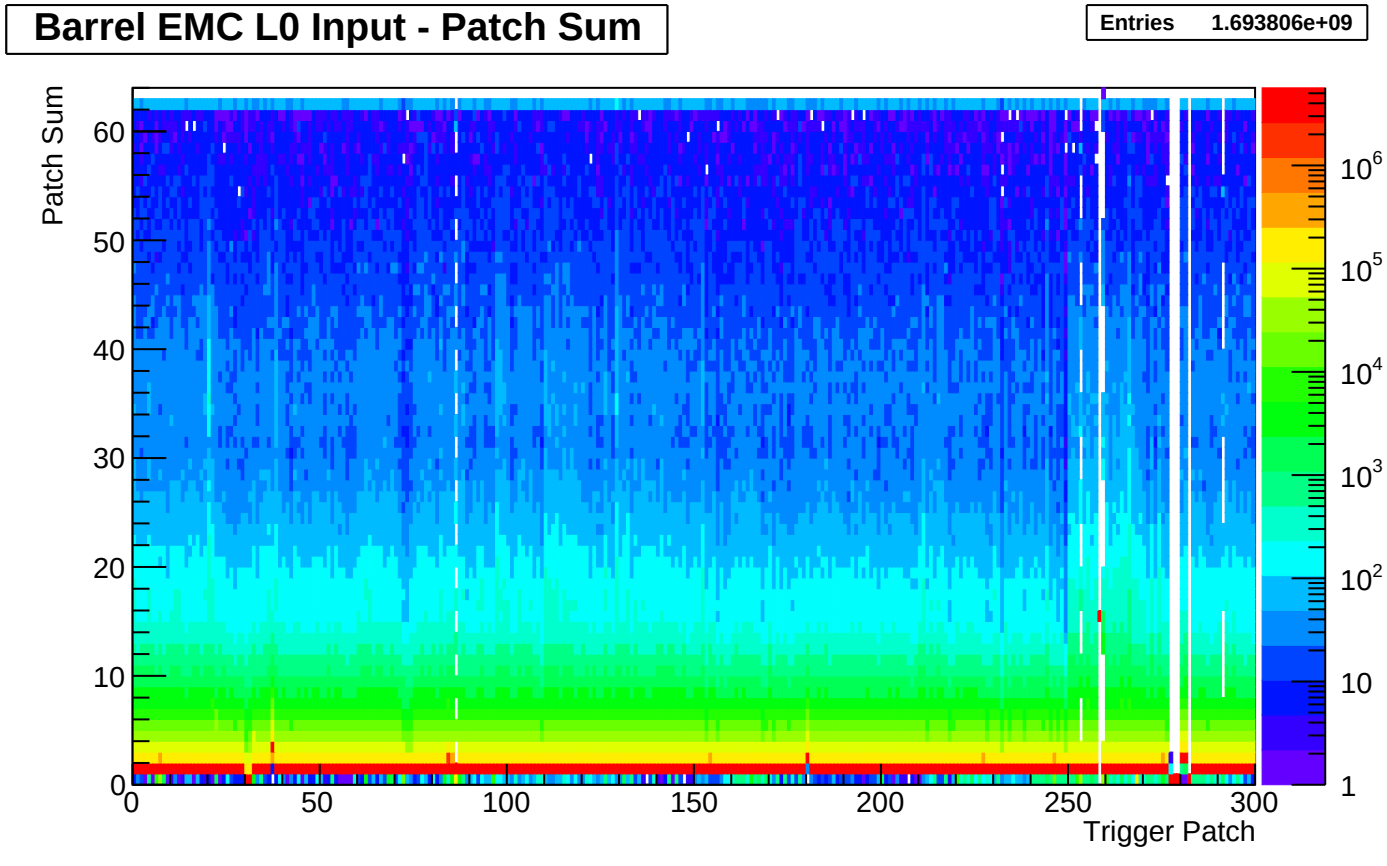
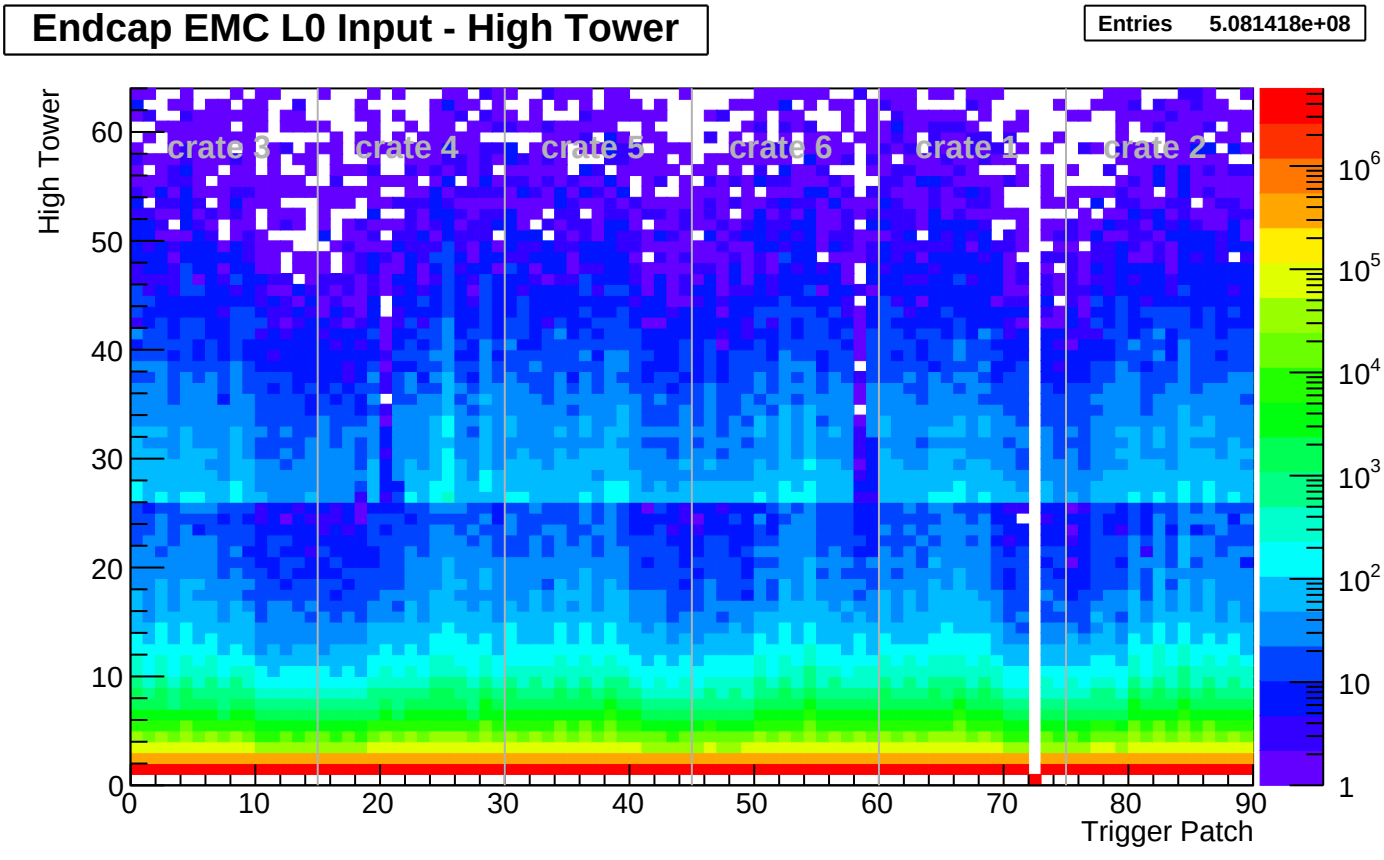
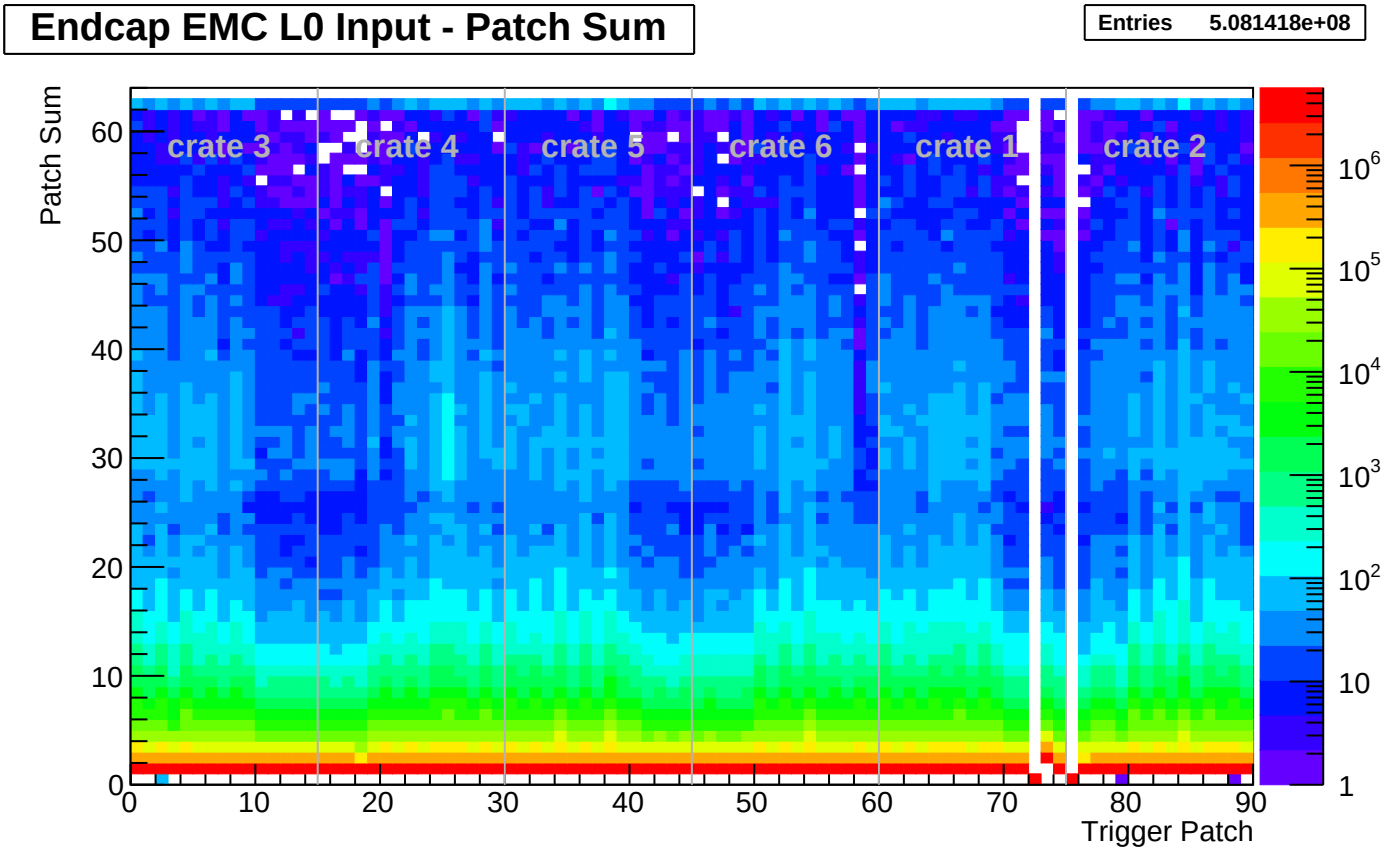
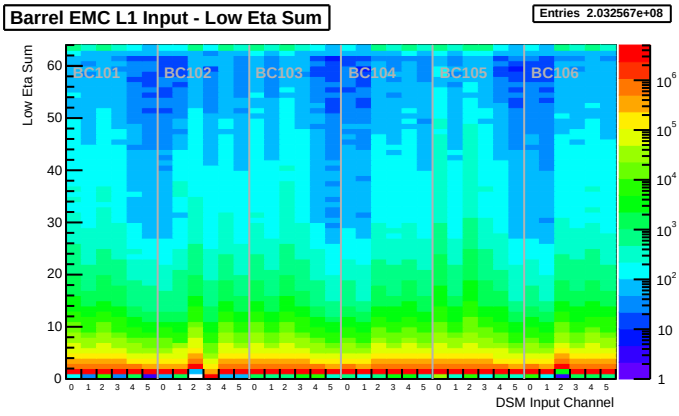
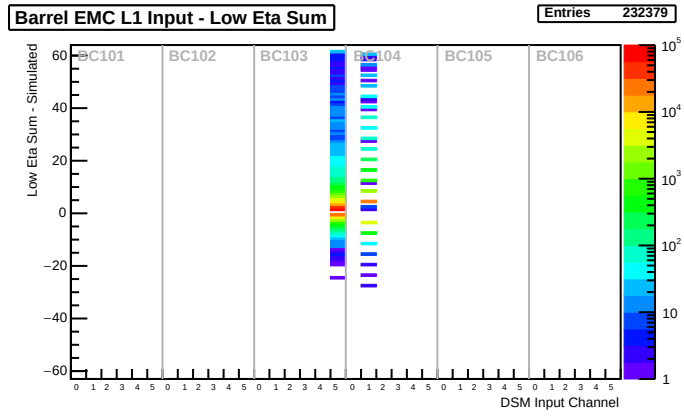

Barrel EMC L0 Input - High Tower
Entries 1.693806e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

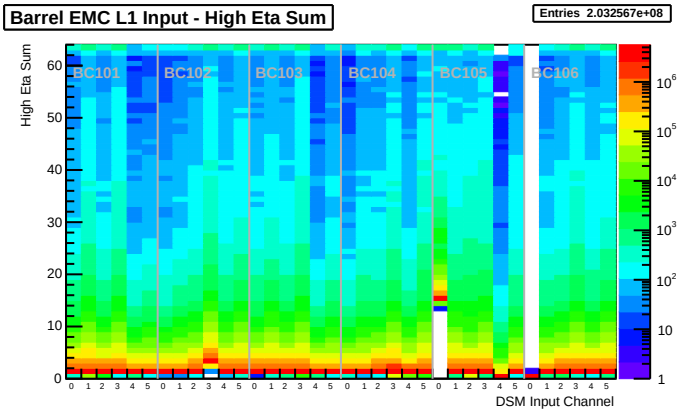

Barrel EMC L0 Input - Patch Sum
Entries 1.693806e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

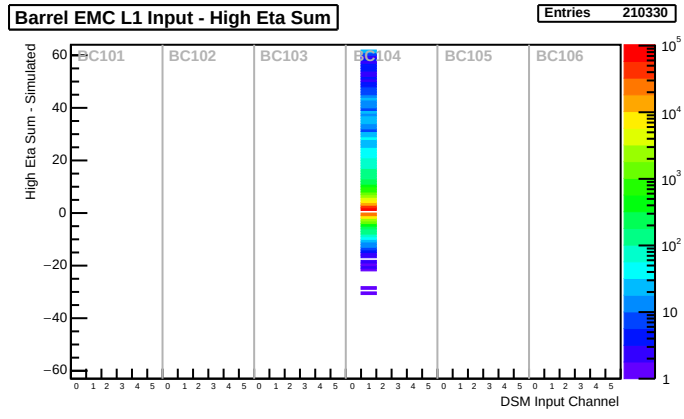

Endcap EMC L0 Input - High Tower
Entries 5.081418e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

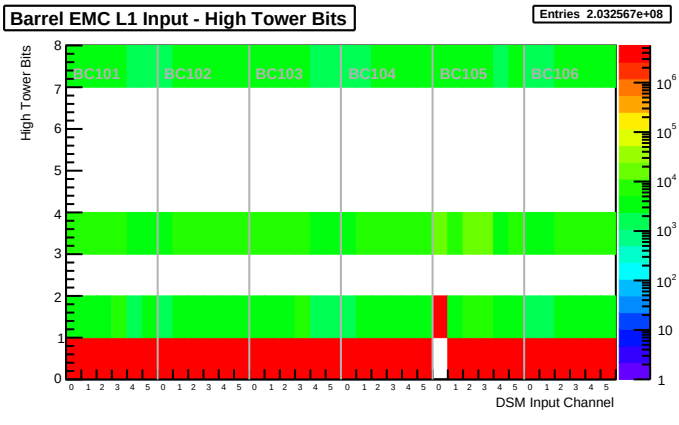

Endcap EMC L0 Input - Patch Sum
Entries 5.081418e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

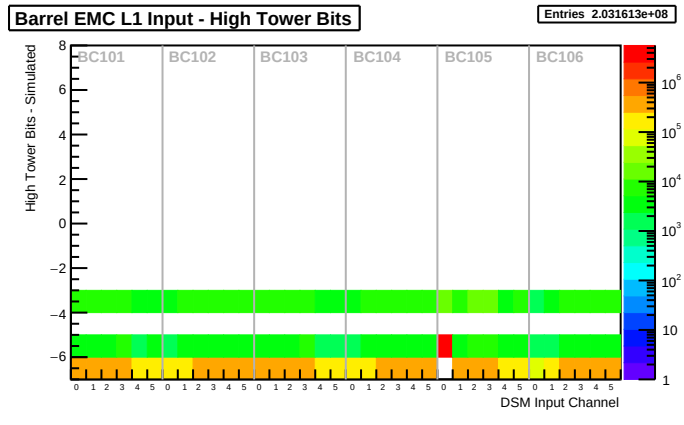

Barrel EMC L1 Input - Low Eta Sum
Entries 2.032567e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

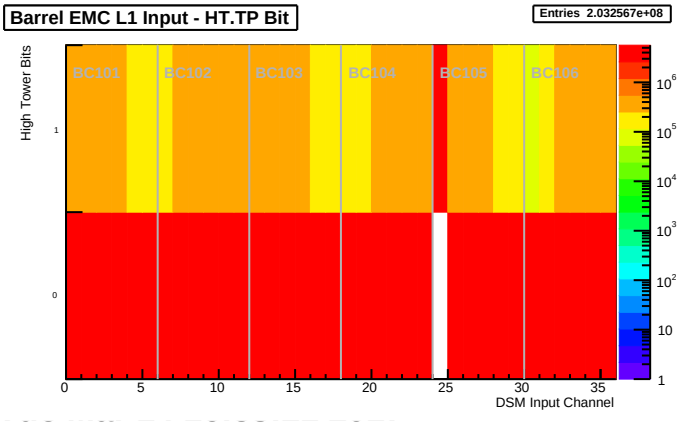

Barrel EMC L1 Input - Low Eta Sum
Entries 232379
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

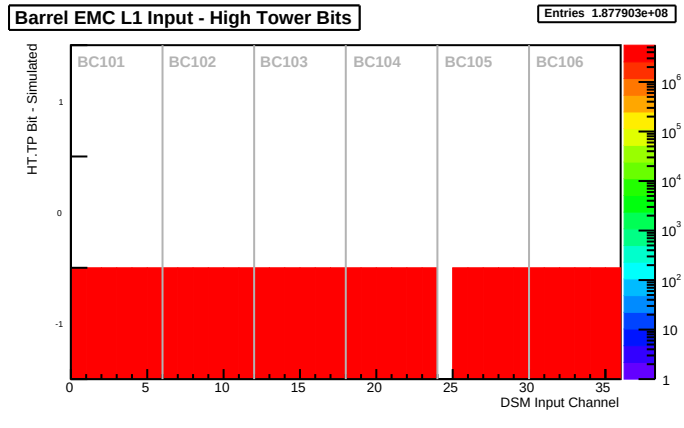

Barrel EMC L1 Input - High Eta Sum
Entries 2.032567e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

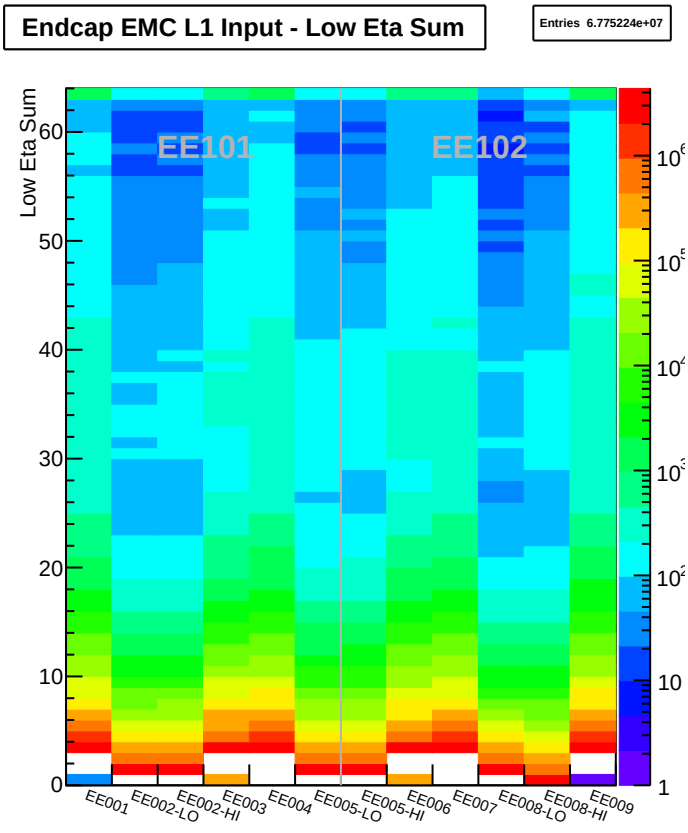

Barrel EMC L1 Input - High Eta Sum
Entries 210330
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

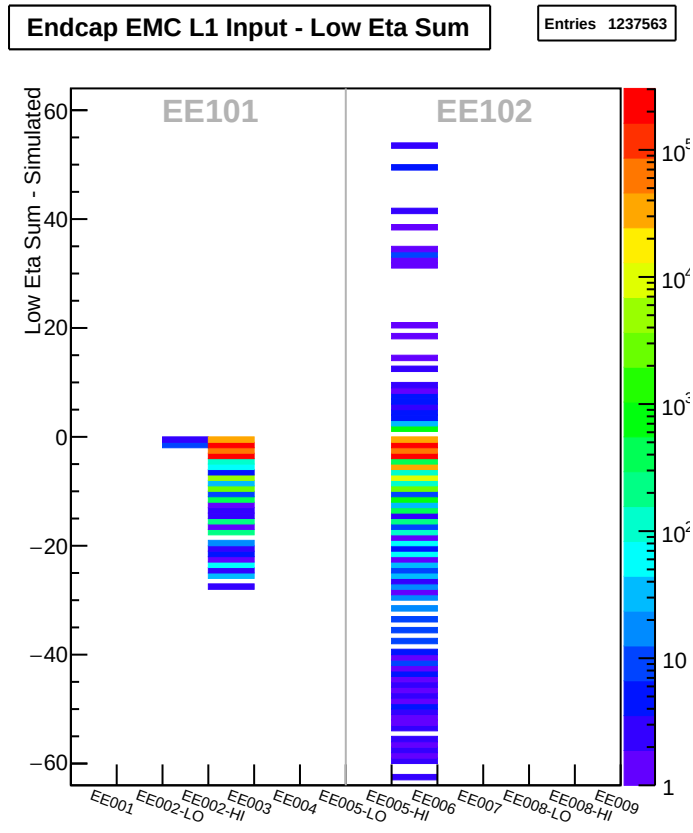

Barrel EMC L1 Input - High Tower Bits
Entries 2.032567e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

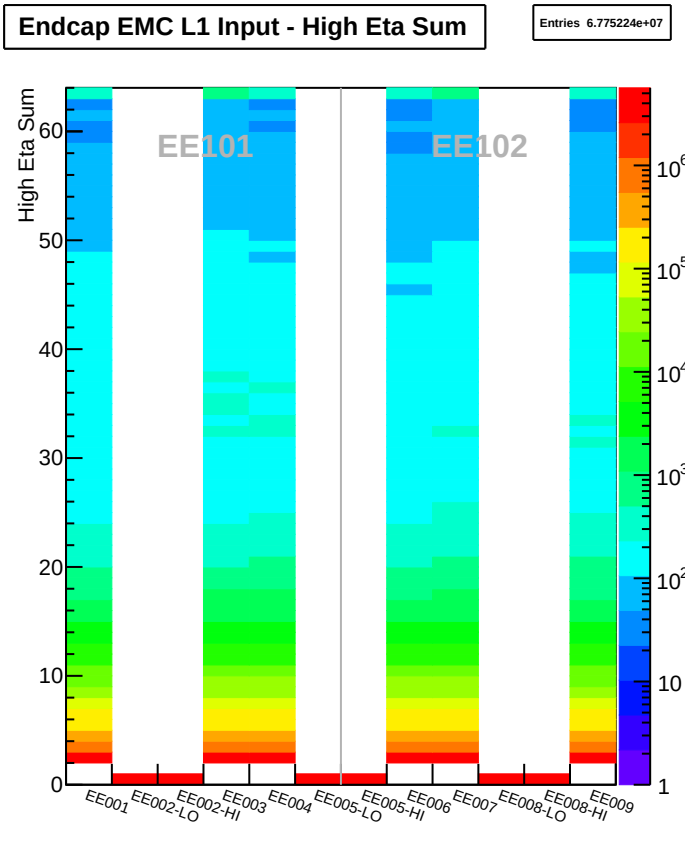

Barrel EMC L1 Input - High Tower Bits
Entries 2.031613e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

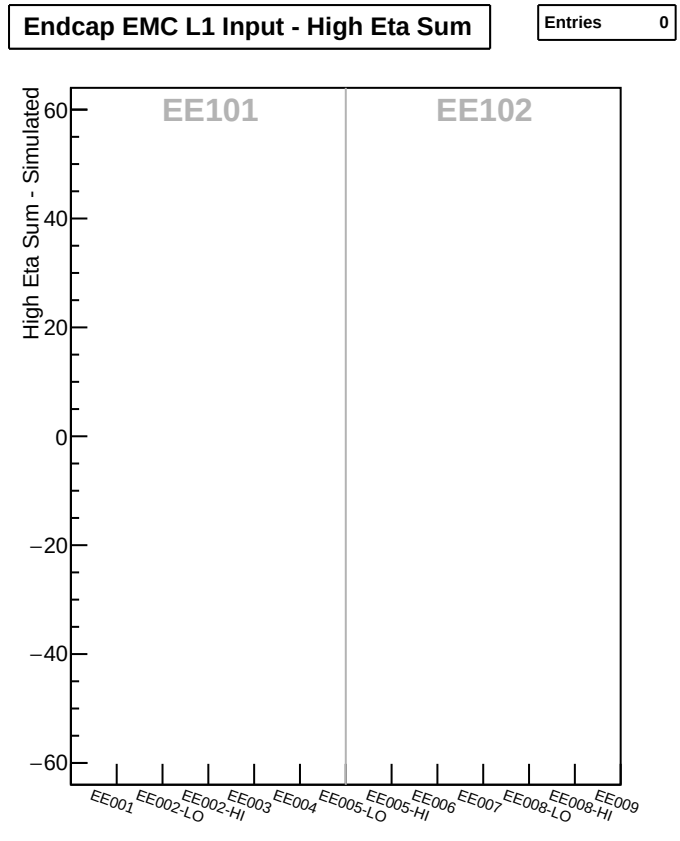

Barrel EMC L1 Input - HT.TP Bit
Entries 2.032567e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

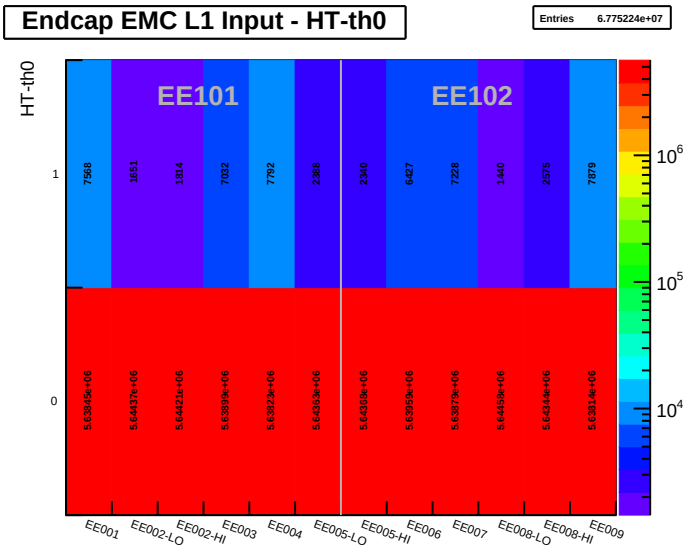

Barrel EMC L1 Input - High Tower Bits
Entries 1.877903e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

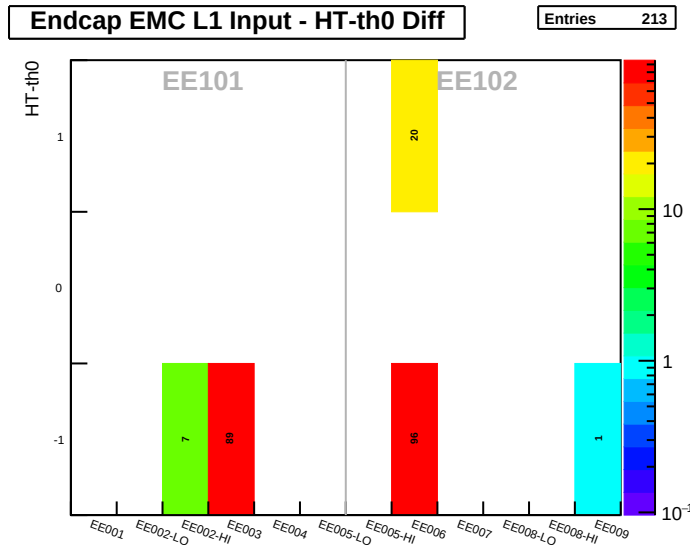

Endcap EMC L1 Input - Low Eta Sum
Entries 6.775224e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

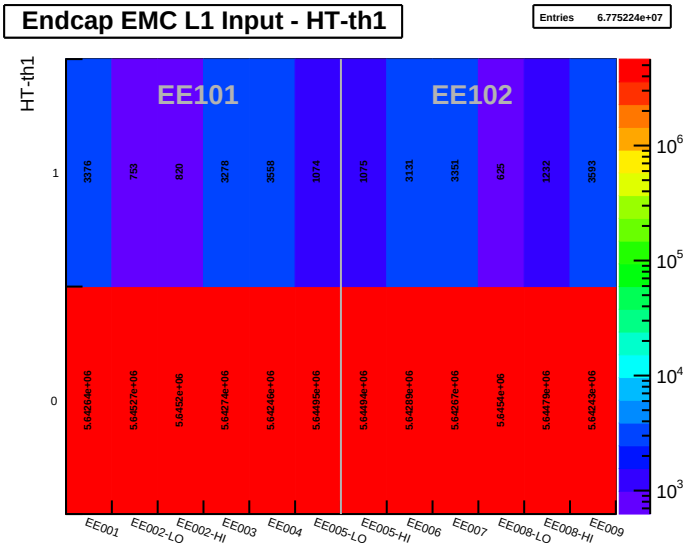

Endcap EMC L1 Input - Low Eta Sum
Entries 1237563
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

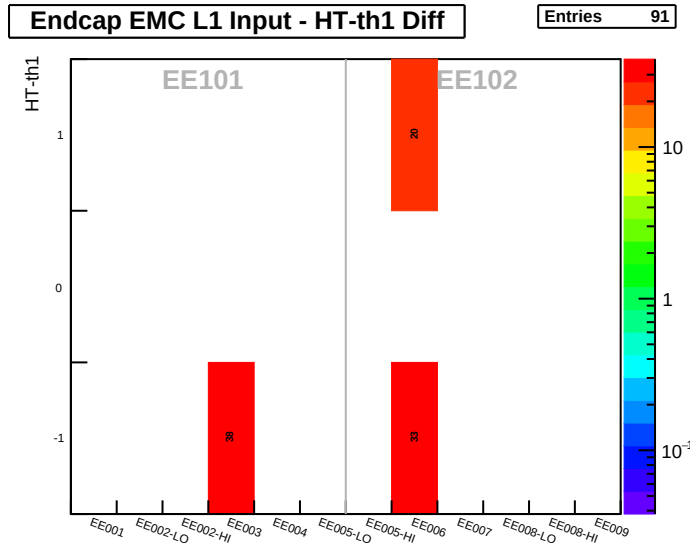

Endcap EMC L1 Input - High Eta Sum
Entries 6.775224e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

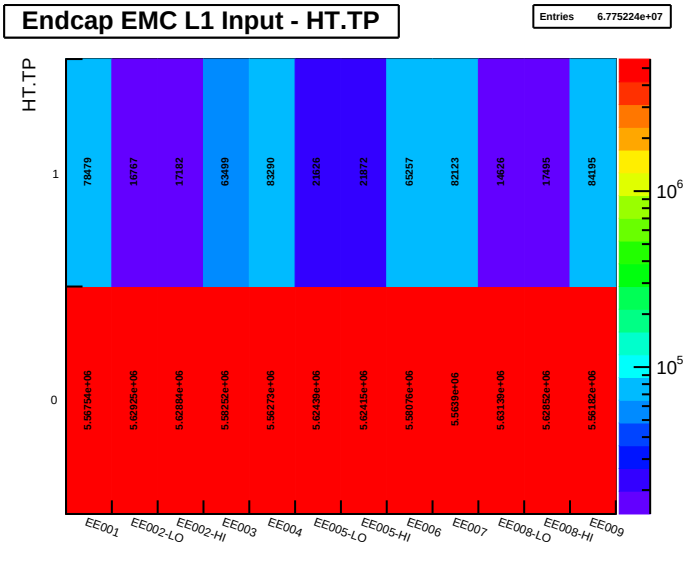

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

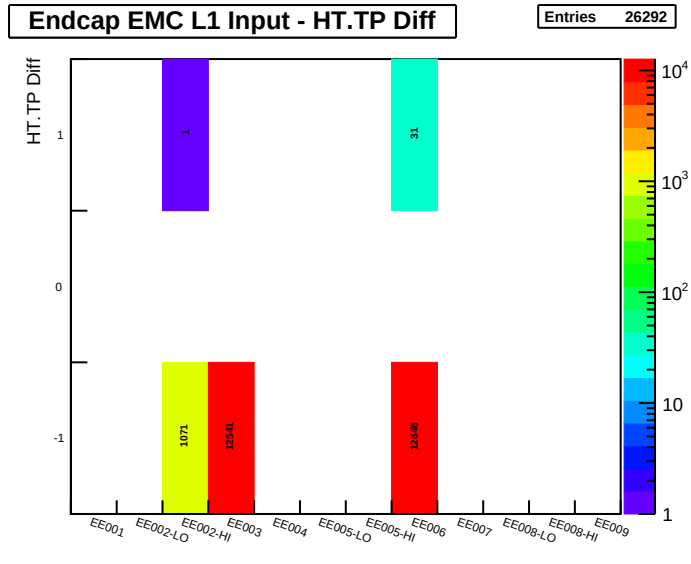

Endcap EMC L1 Input - HT-th0
Entries 6.775224e+07
HT-th0
EE101
EE102
7568 1651 1814 7032 7792 2388 2340 6427 7228 1440 2575 7879
5.63845e+06 5.64437e+06 5.64421e+06 5.63899e+06 5.63823e+06 5.64363e+06 5.64368e+06 5.63959e+06 5.63879e+06 5.64458e+06 5.63446e+06 5.63814e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

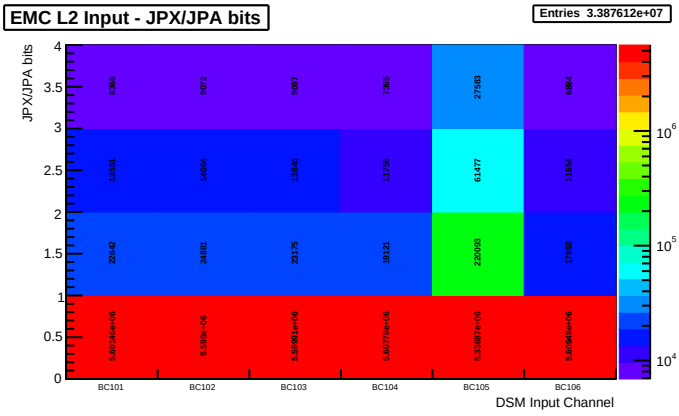

Endcap EMC L1 Input - HT-th0 Diff
Entries 213
HT-th0
EE101
EE102
20
7 89 96 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

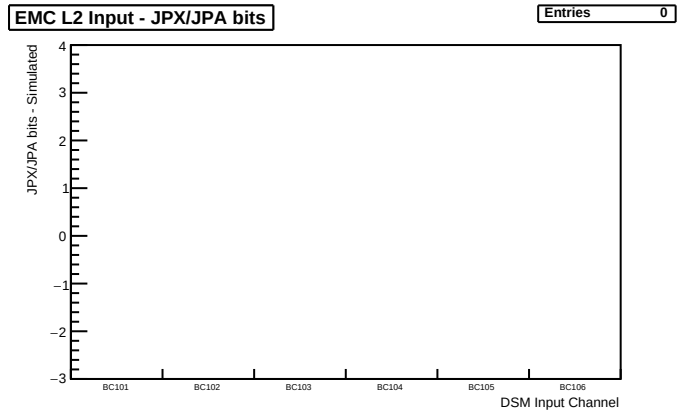

Endcap EMC L1 Input - HT-th1
Entries 6.775224e+07
HT-th1
EE101
EE102
3376 753 820 3278 3558 1074 1075 3131 3351 625 1232 3593
5.64264e+06 5.64527e+06 5.64452e+06 5.64274e+06 5.64246e+06 5.64495e+06 5.64494e+06 5.64269e+06 5.64267e+06 5.64454e+06 5.64479e+06 5.64243e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

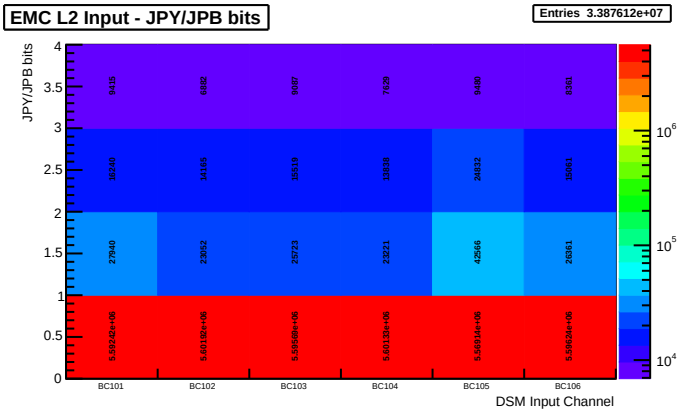

Endcap EMC L1 Input - HT-th1 Diff
Entries 91
HT-th1
EE101
EE102
20
38 33
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

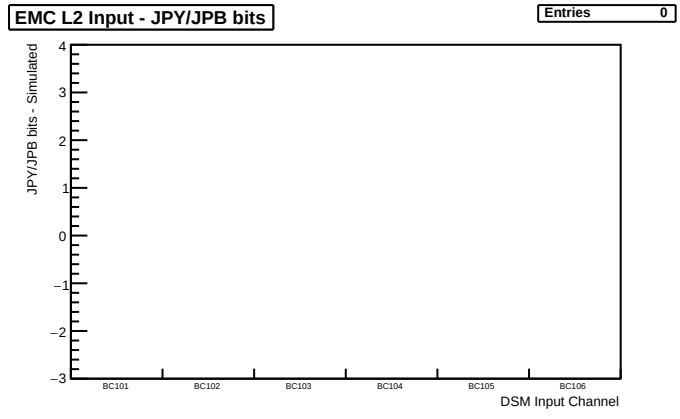

Endcap EMC L1 Input - HT.TP
Entries 6.775224e+07
HT.TP
78479 16767 17182 63499 83290 21626 23872 65257 82123 14626 17495 84195
5.56754e+06 5.62925e+06 5.62884e+06 5.58252e+06 5.56273e+06 5.62439e+06 5.62415e+06 5.58076e+06 5.56339e+06 5.63139e+06 5.62852e+06 5.56182e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

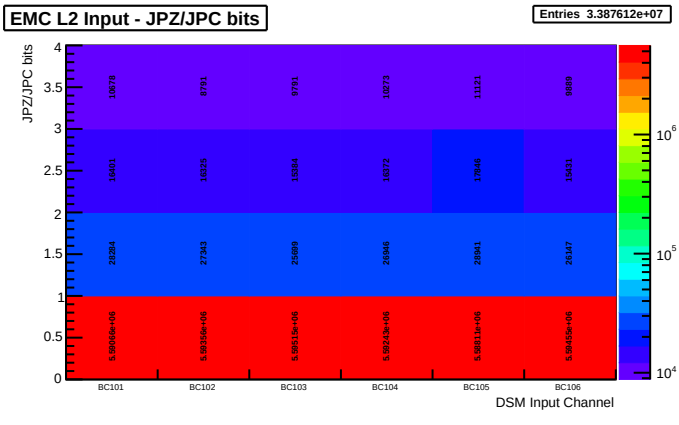

Endcap EMC L1 Input - HT.TP Diff
Entries 26292
HT.TP Diff
1
31
1071 12541 12648
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

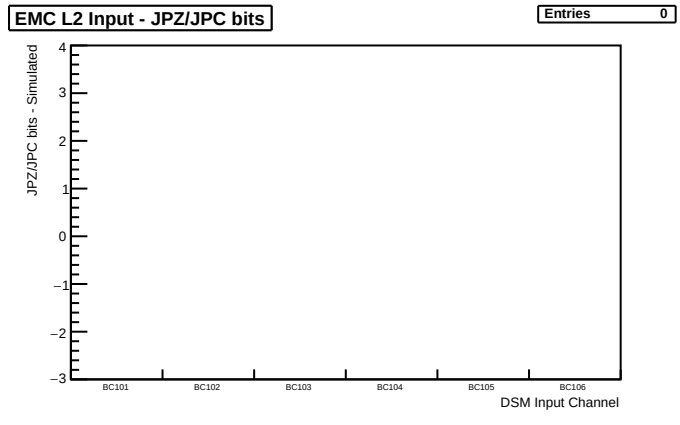

EMC L2 Input - JPX/JPA bits
Entries 3.387612e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

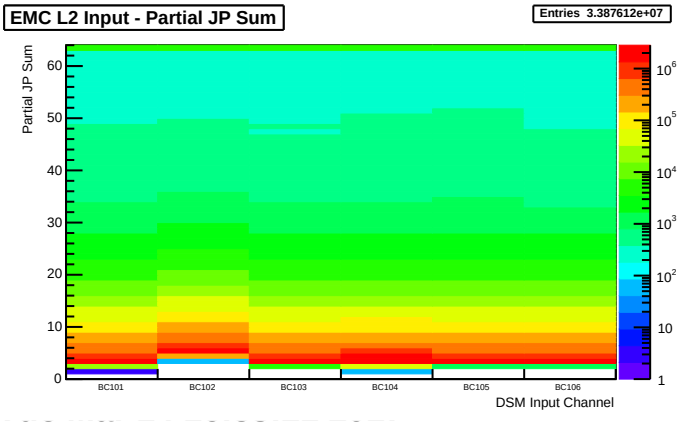

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

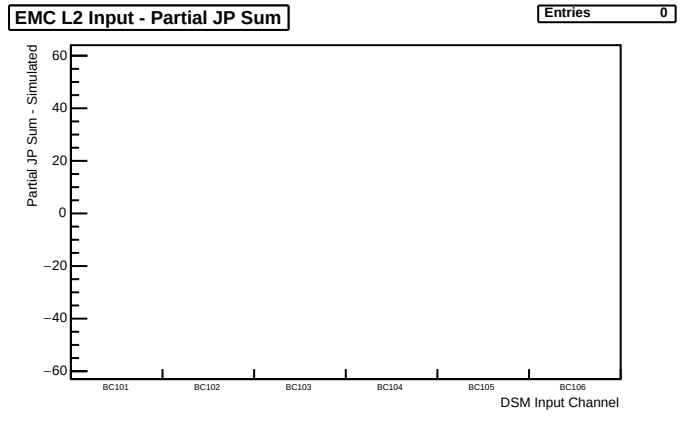

EMC L2 Input - JPY/JPB bits
Entries 3.387612e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

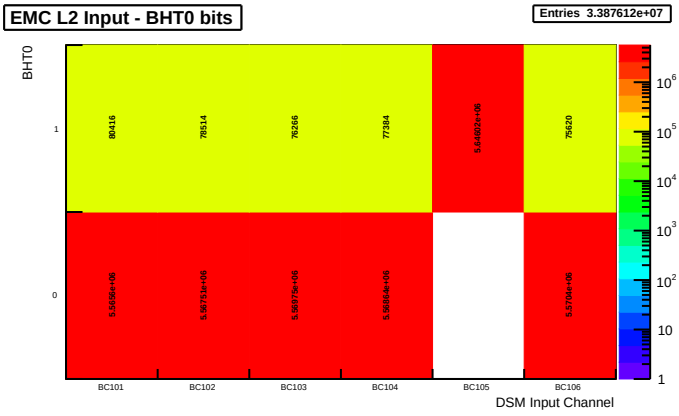

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

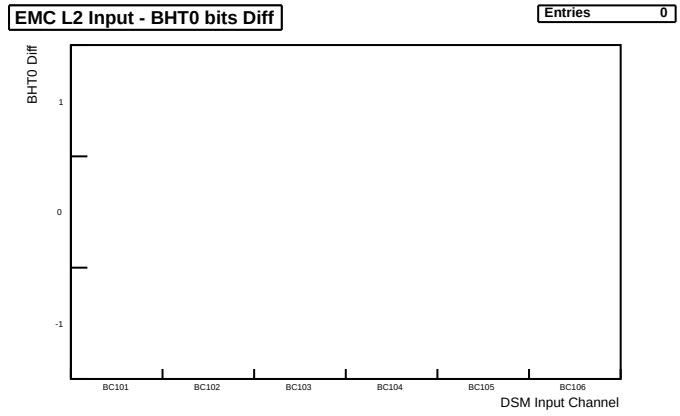

EMC L2 Input - JPZ/JPC bits
Entries 3.387612e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

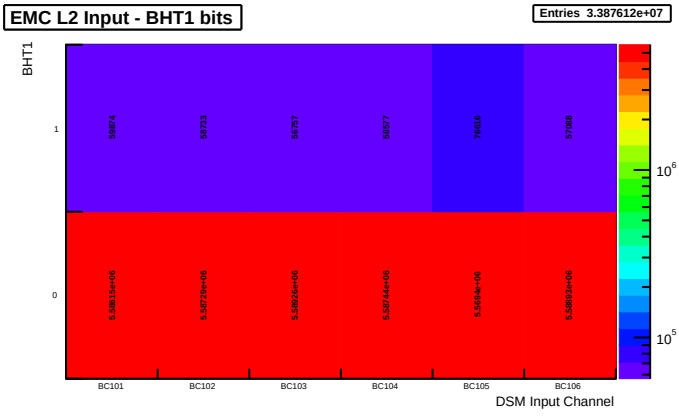

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

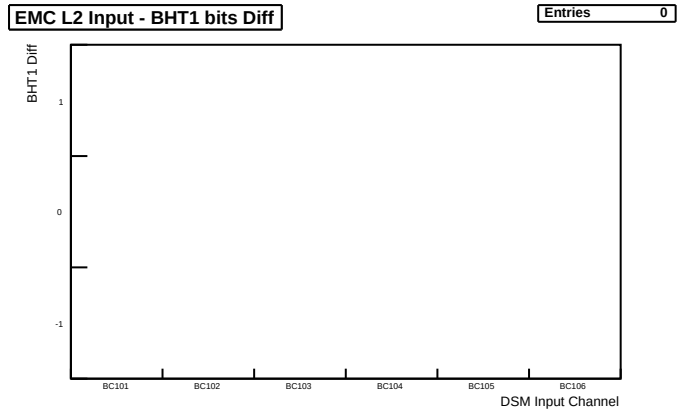

EMC L2 Input - Partial JP Sum
Entries 3.387612e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

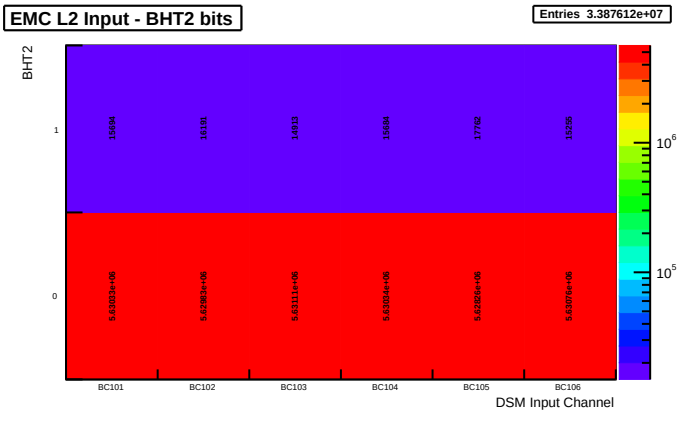

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

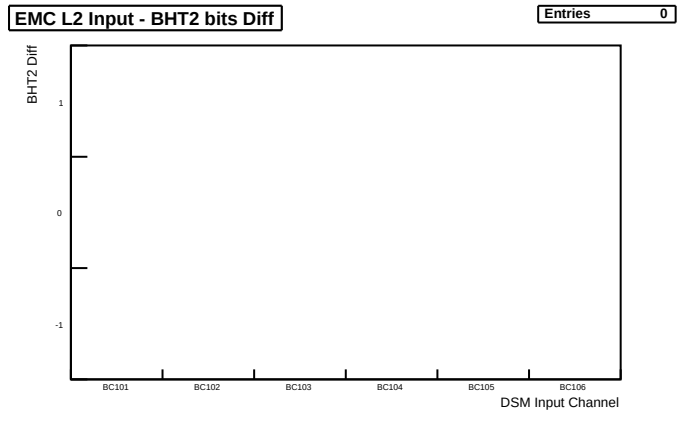

EMC L2 Input - BHT0 bits
Entries 3.387612e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

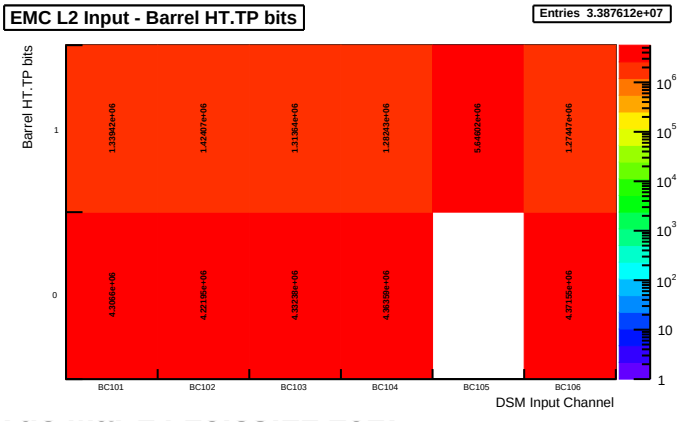

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

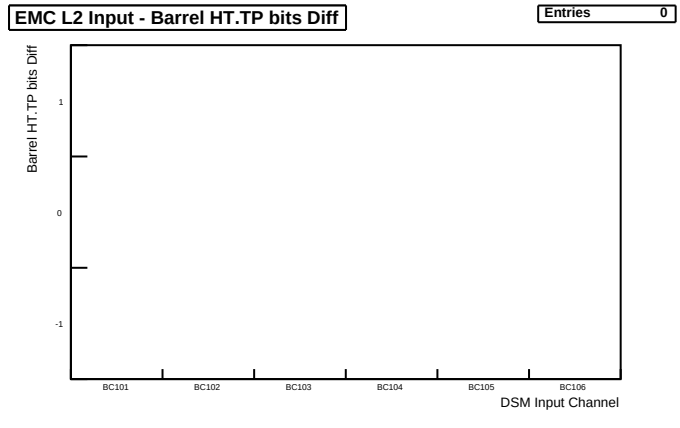

EMC L2 Input - BHT1 bits
Entries 3.387612e+07
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

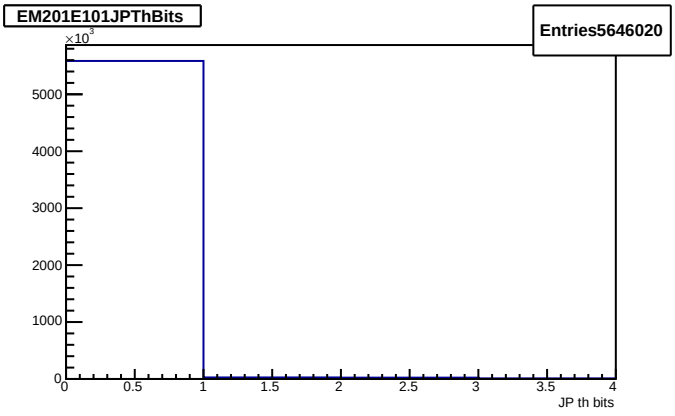

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

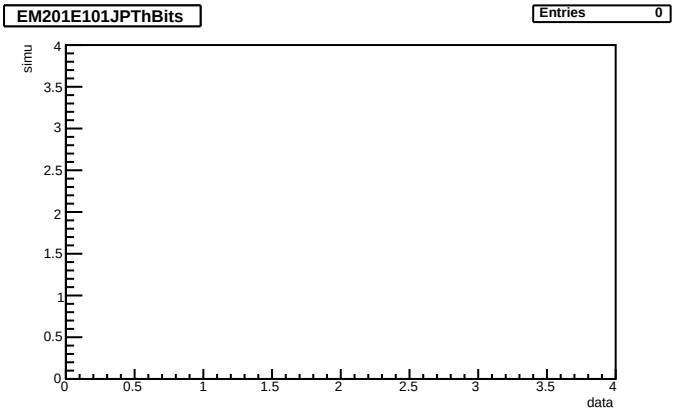

EMC L2 Input - BHT2 bits
Entries 3.387612e+07
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

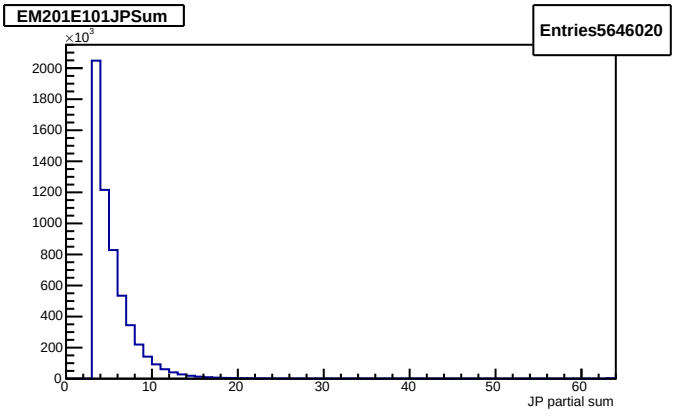

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

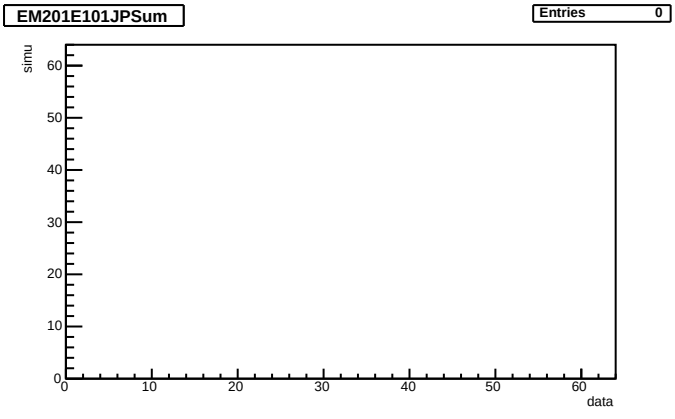

EMC L2 Input - Barrel HT.TP bits
Entries 3.387612e+07
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

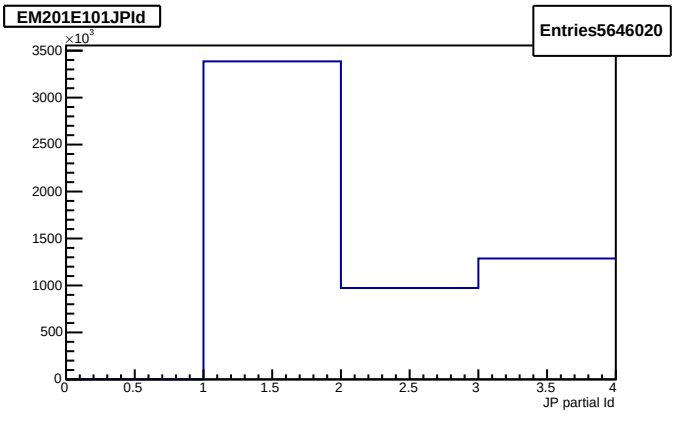

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106


EM201E101JPThBits
Entries5646020
×10^3
JP th bits


EM201E101JPThBits
Entries 0
simu
data


EM201E101JPSum
Entries5646020
×10^3
JP partial sum


EM201E101JPSum
Entries 0
simu
data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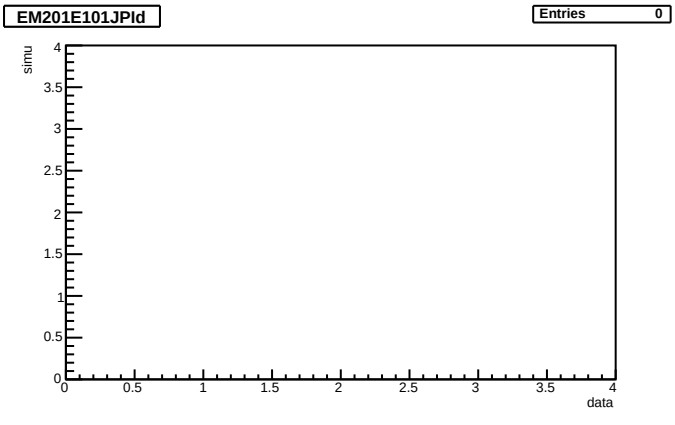
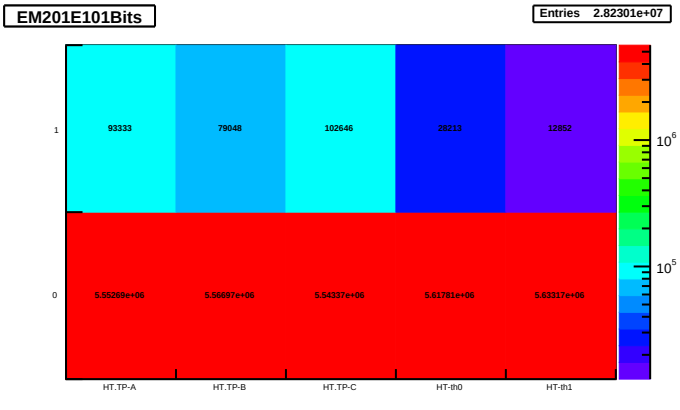
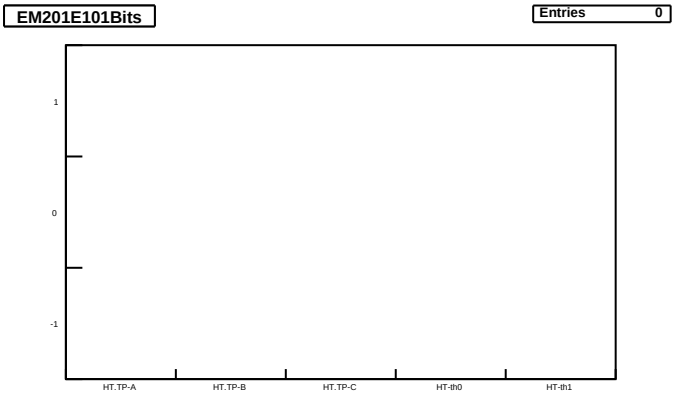
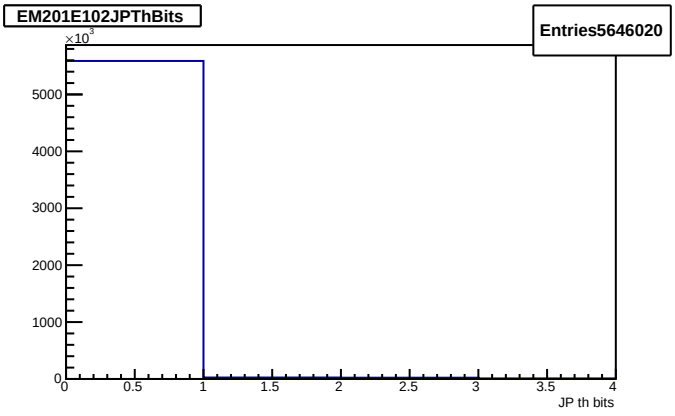
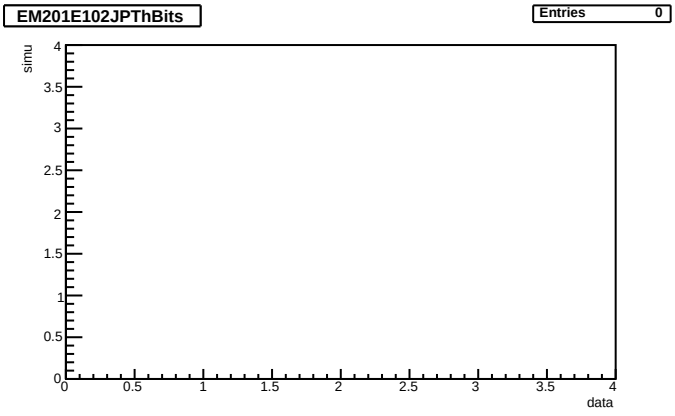
Entries5646020
×10^3
JP partial Id

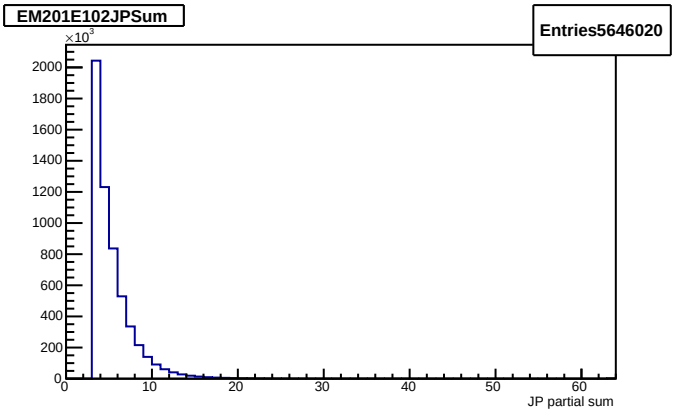

EM201E101JPId
Entries 0
simu
data

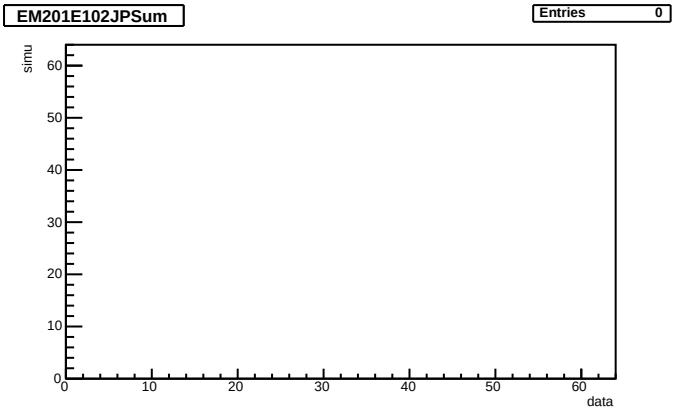

EM201E101Bits
Entries 2.82301e+07
93333
79048
102646
28213
12852
5.55269e+06
5.56697e+06
5.54337e+06
5.61781e+06
5.63317e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

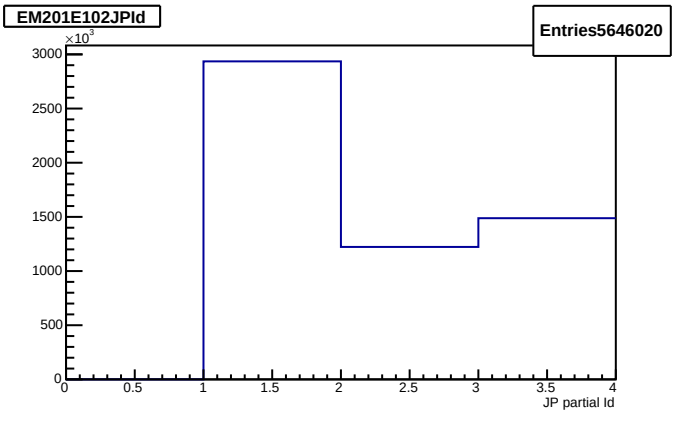

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

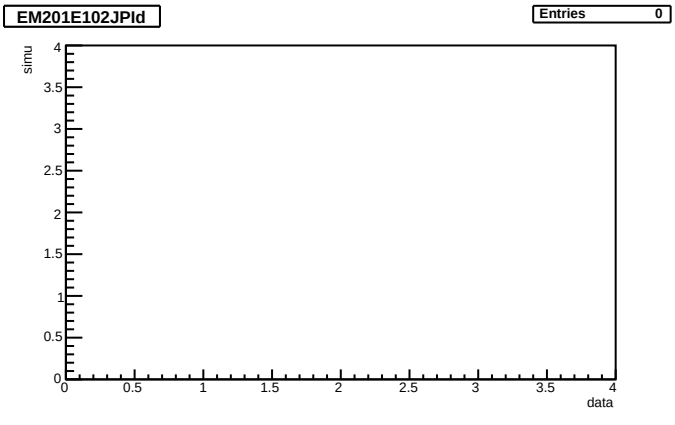

EM201E102JPThBits
Entries5646020
×10^3
JP th bits

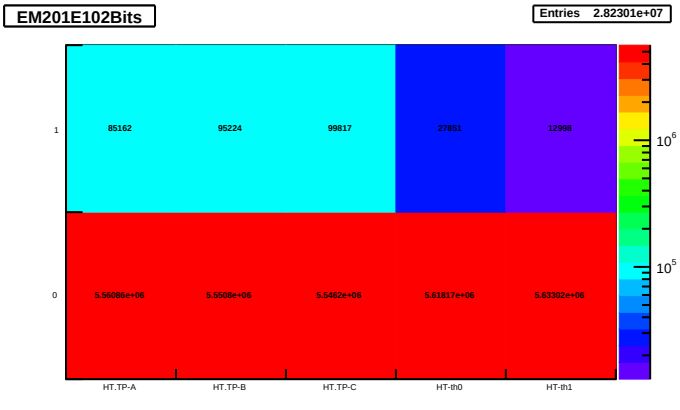

EM201E102JPThBits
Entries 0
simu
data

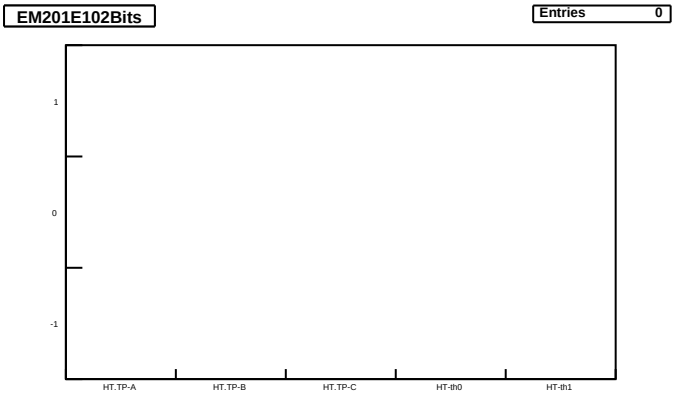

EM201E102JPSum
Entries5646020
×10^3
JP partial sum

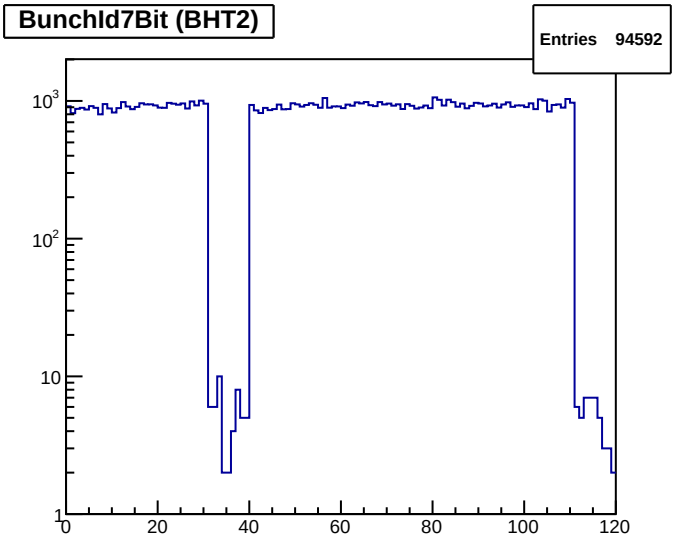

EM201E102JPSum
Entries 0
simu
data

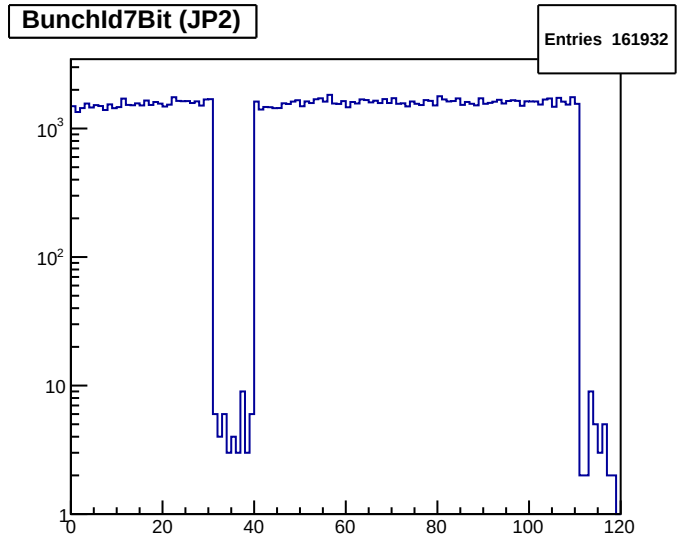

EM201E102JPId
Entries5646020
×10^3
JP partial Id

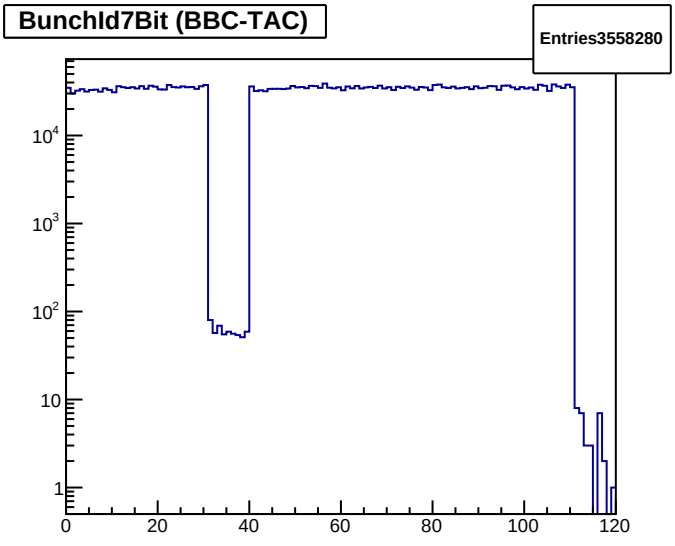

EM201E102JPId
Entries 0
simu
data

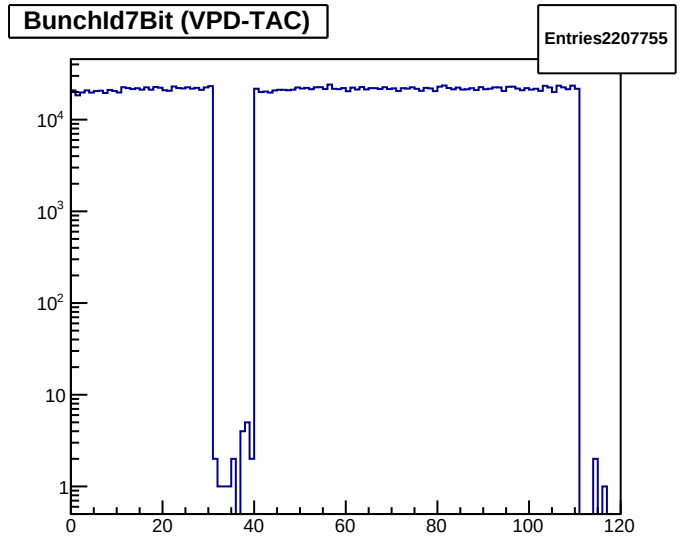

EM201E102Bits
Entries 2.82301e+07
85162
95224
99817
27851
12998
5.56086e+06
5.5508e+06
5.5462e+06
5.61817e+06
5.63302e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

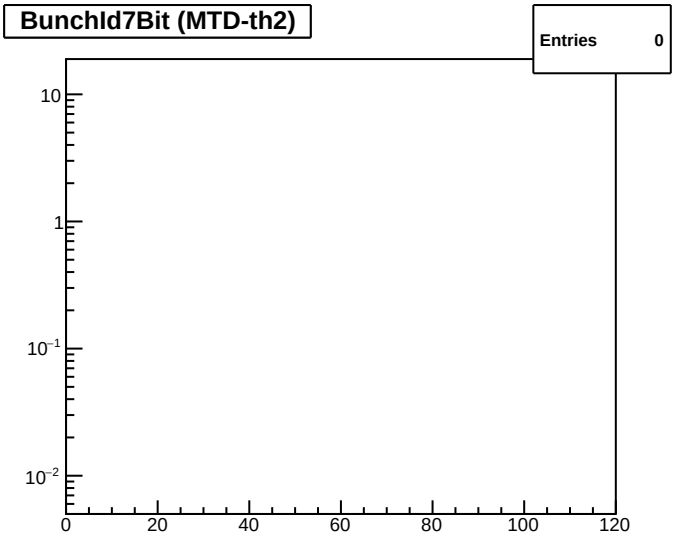

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

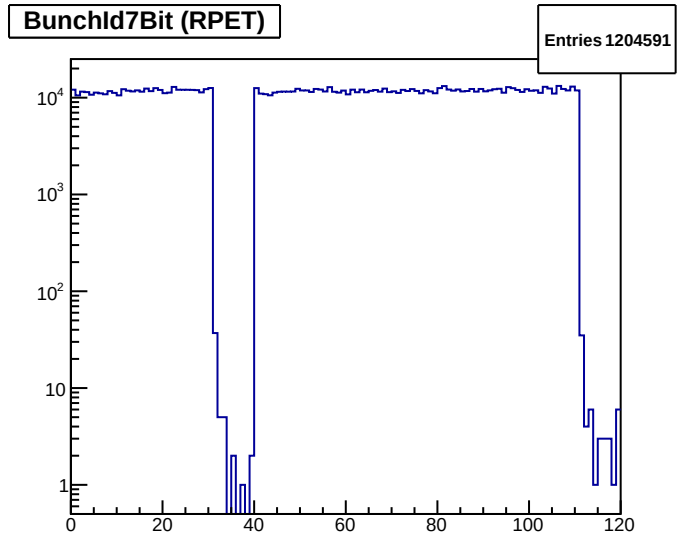

BunchId7Bit (BHT2)
Entries 94592

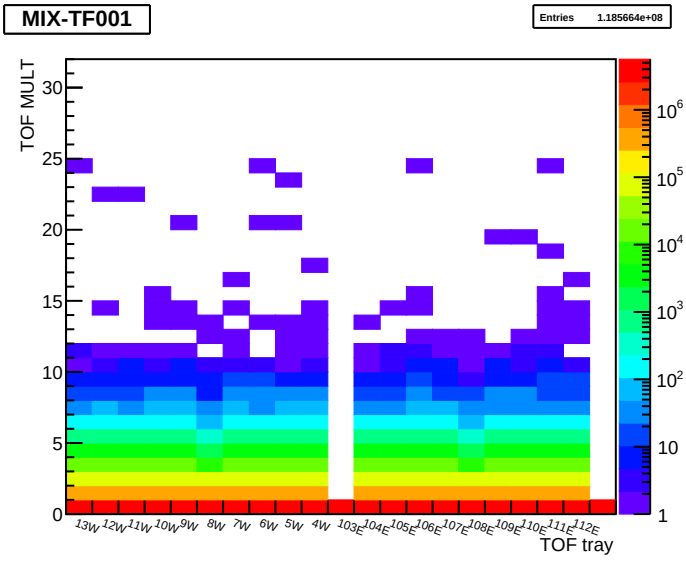

BunchId7Bit (JP2)
Entries 161932

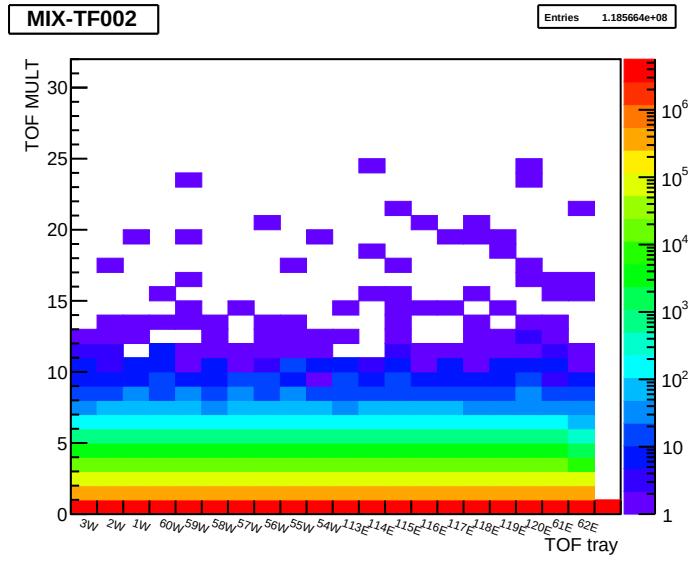

BunchId7Bit (BBC-TAC)
Entries3558280

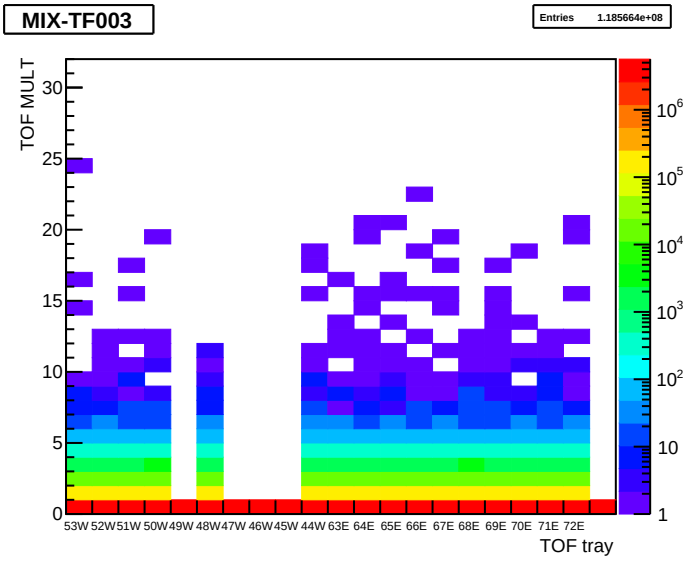

BunchId7Bit (VPD-TAC)
Entries2207755

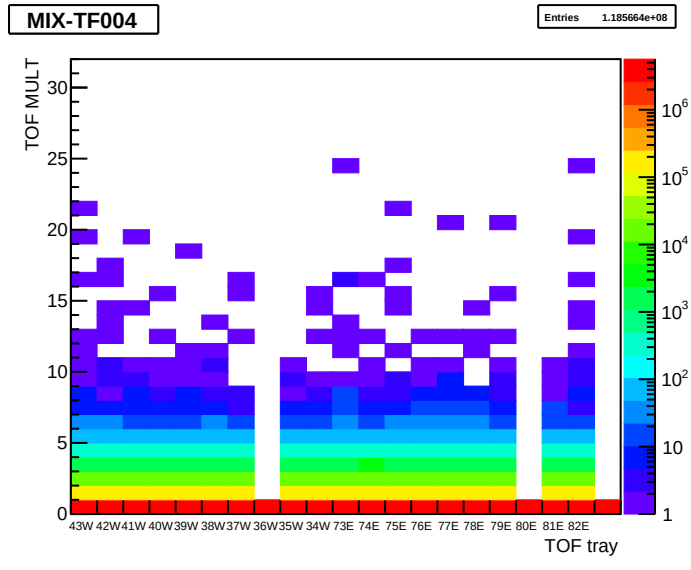

BunchId7Bit (MTD-th2)
Entries 0

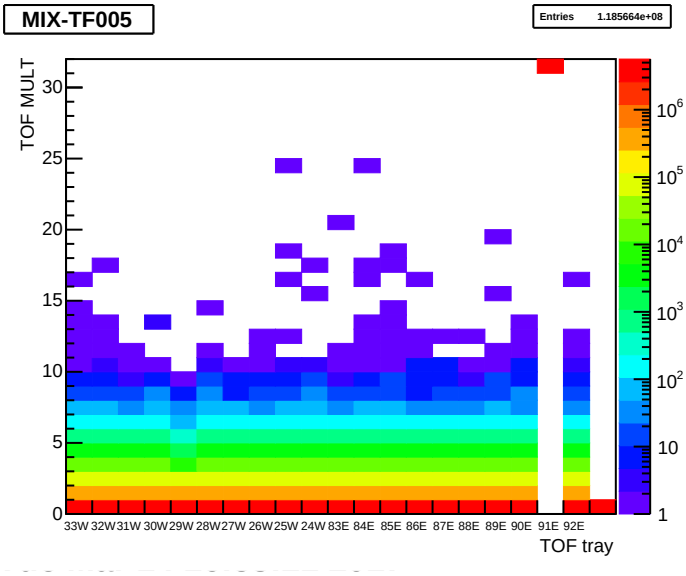

BunchId7Bit (RPET)
Entries 1204591

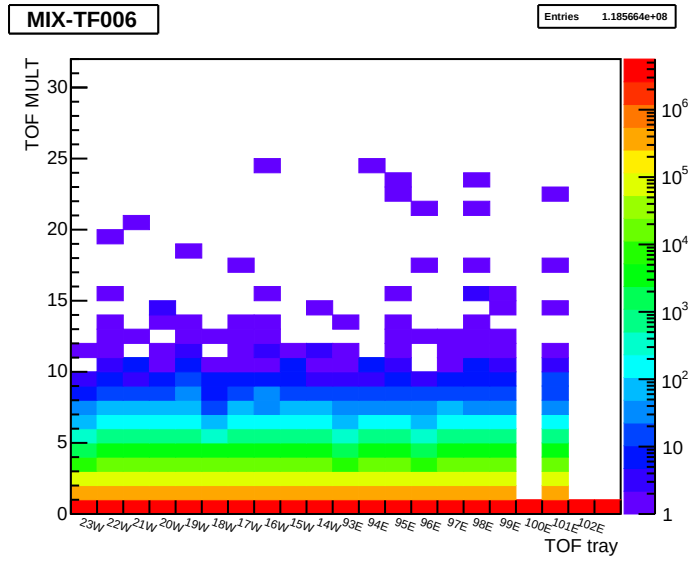

MIX-TF001
Entries 1.185664e+08
TOF MULT
TOF tray

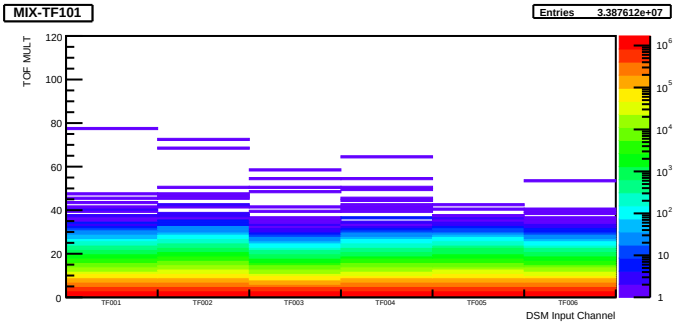

MIX-TF002
Entries 1.185664e+08
TOF MULT
TOF tray

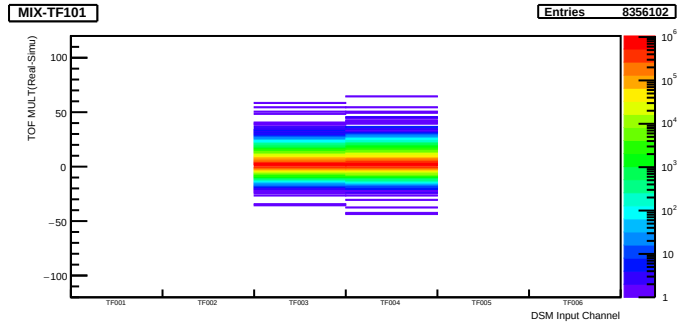

MIX-TF003
Entries 1.185664e+08
TOF MULT
TOF tray

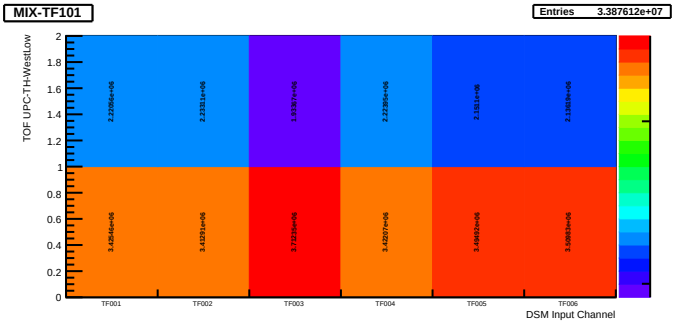

MIX-TF004
Entries 1.185664e+08
TOF MULT
TOF tray

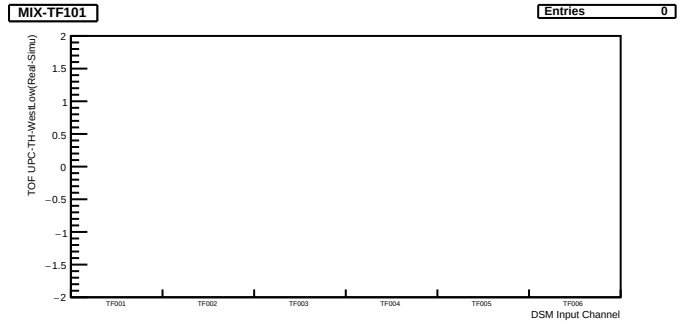

MIX-TF005
Entries 1.185664e+08
TOF MULT
TOF tray

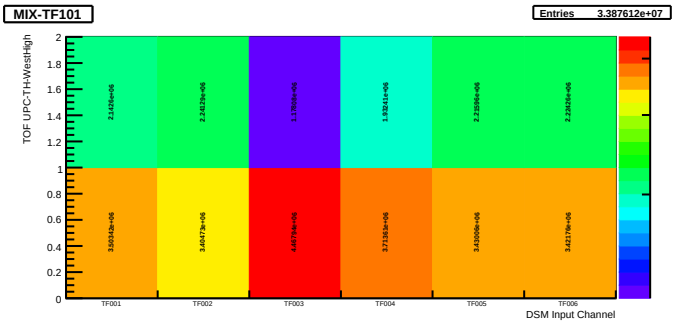

MIX-TF006
Entries 1.185664e+08
TOF MULT
TOF tray

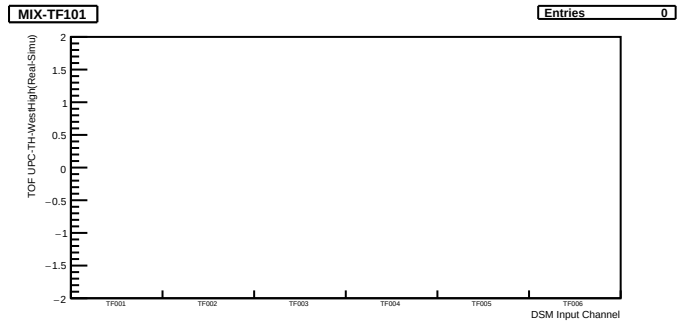

MIX-TF101
Entries 3.387612e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

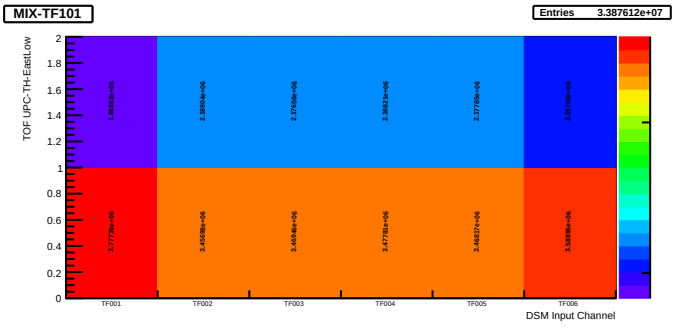

MIX-TF101
Entries 8356102
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

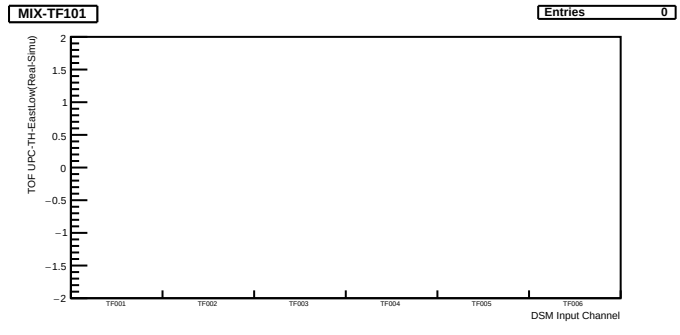

MIX-TF101
Entries 3.387612e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

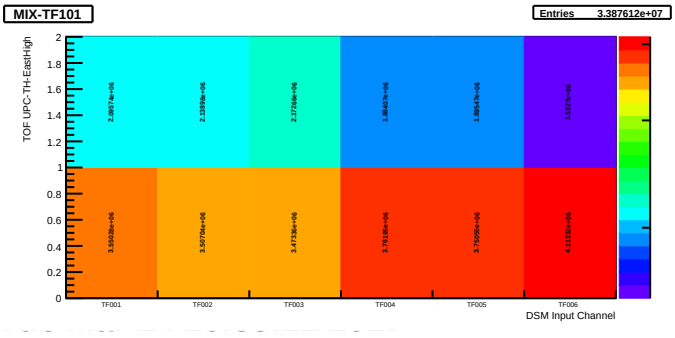

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

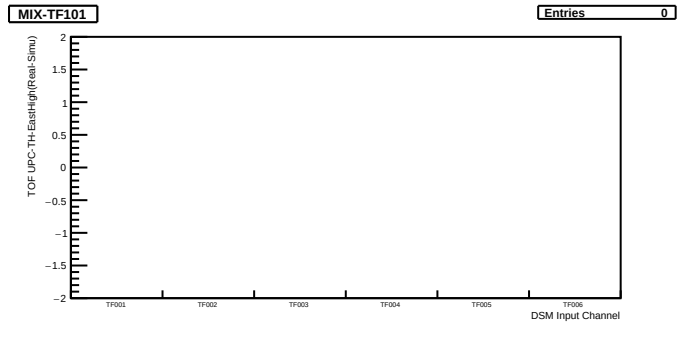

MIX-TF101
Entries 3.387612e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

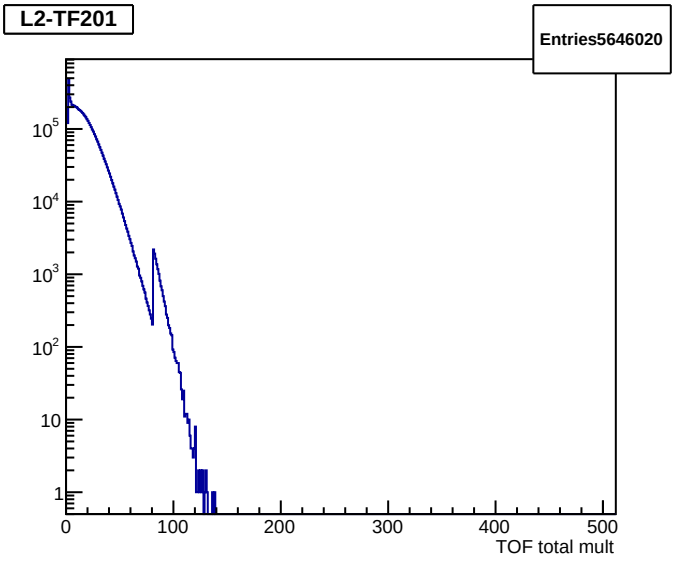

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

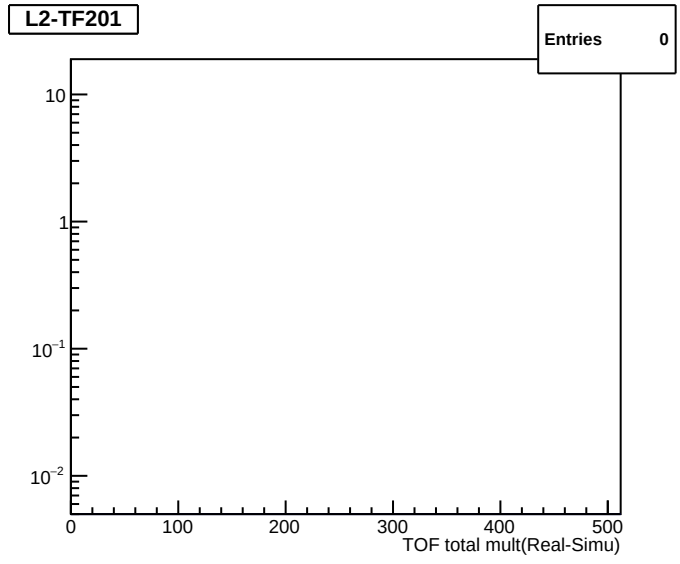

MIX-TF101
Entries 3.387612e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

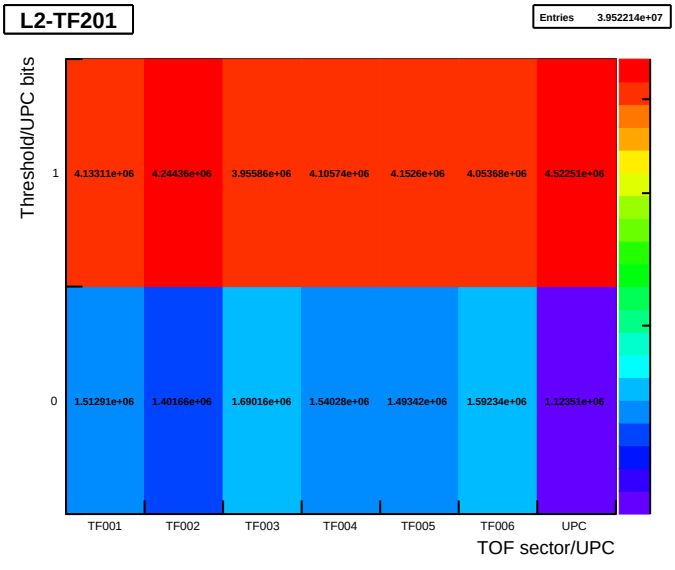

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

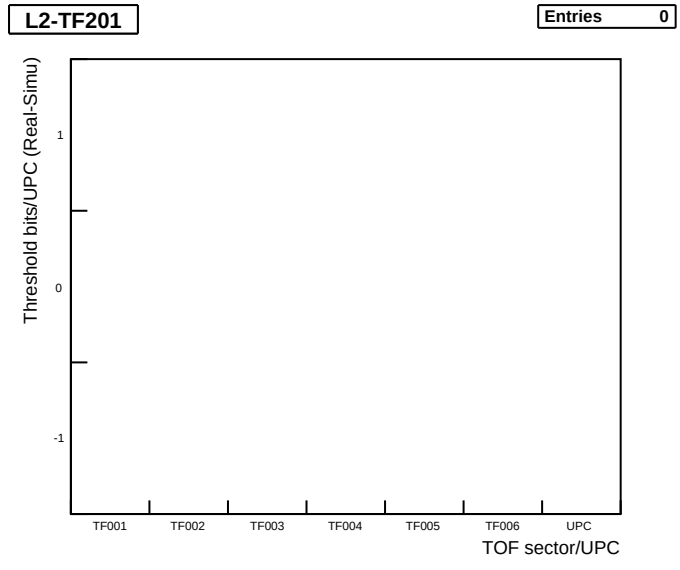

MIX-TF101
Entries 3.387612e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

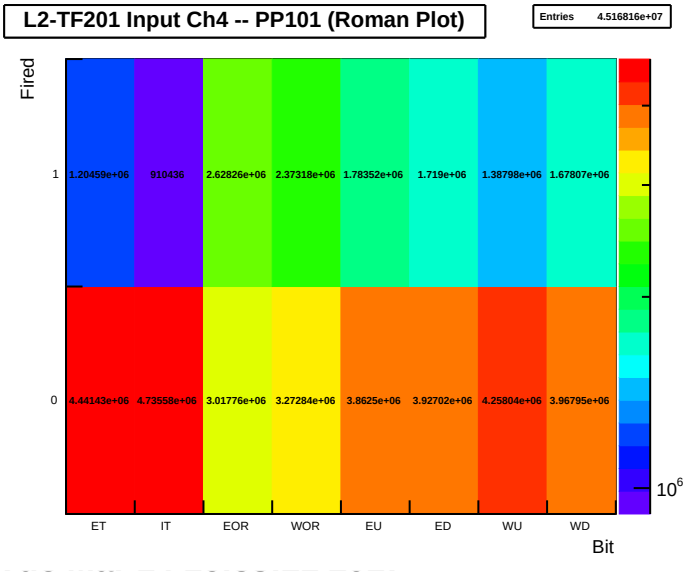

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

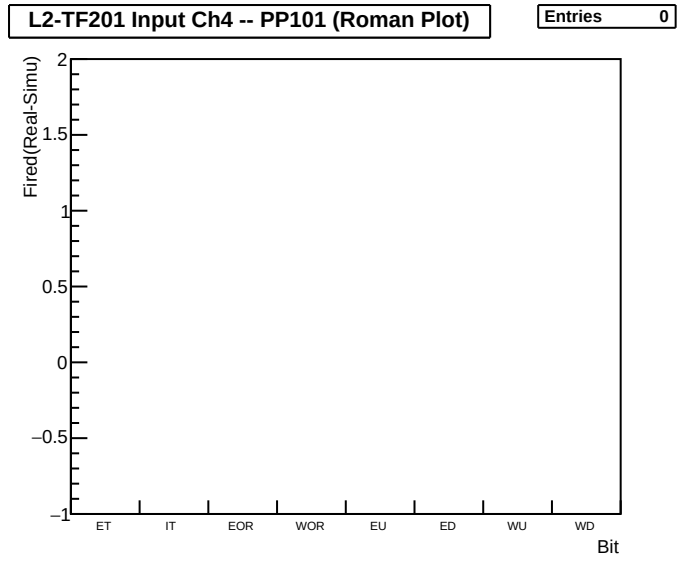

L2-TF201
Entries5646020
TOF total mult

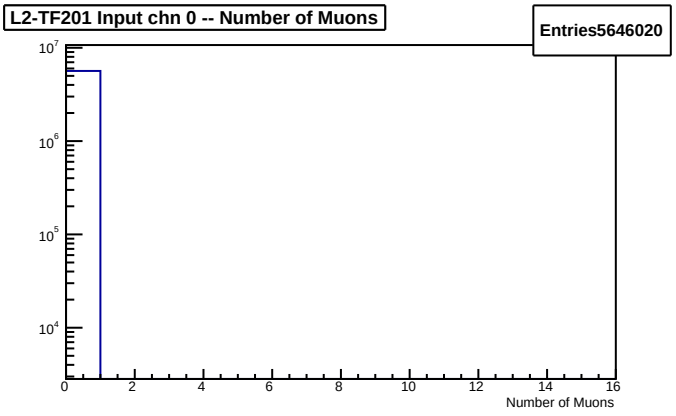

L2-TF201
Entries 0
TOF total mult(Real-Simu)

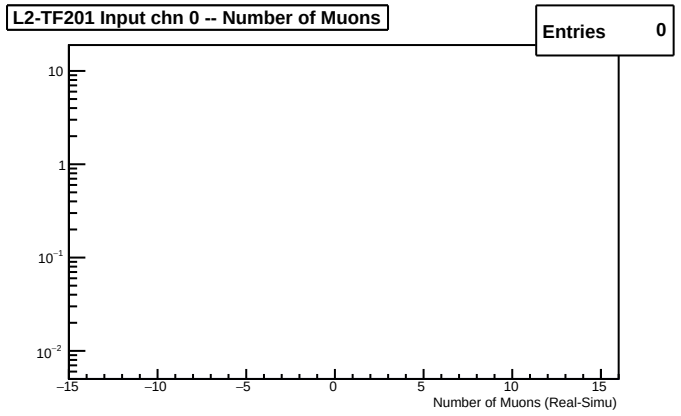

L2-TF201
Entries 3.952214e+07
Threshold/UPC bits
4.13311e+06
4.24436e+06
3.95586e+06
4.10574e+06
4.1526e+06
4.05368e+06
4.52251e+06
1.51291e+06
1.40166e+06
1.69016e+06
1.54028e+06
1.49342e+06
1.59234e+06
1.12351e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

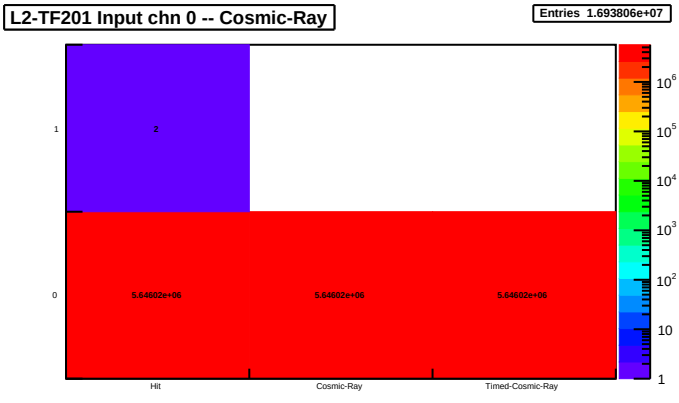

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

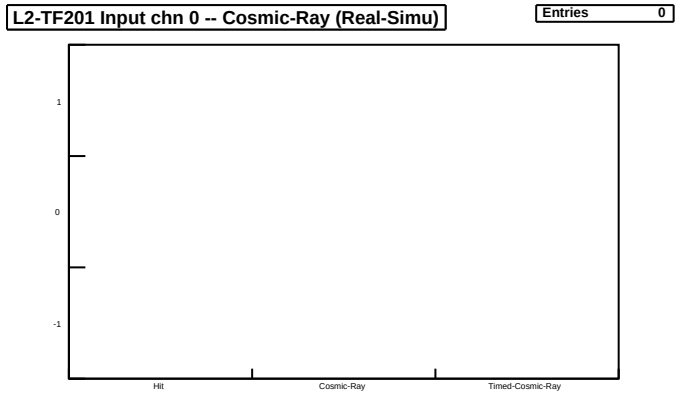

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.516816e+07
Fired
1.20459e+06
910436
2.62826e+06
2.37318e+06
1.78352e+06
1.719e+06
1.38798e+06
1.67807e+06
4.44143e+06
4.73558e+06
3.01776e+06
3.27284e+06
3.8625e+06
3.92702e+06
4.25804e+06
3.96795e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

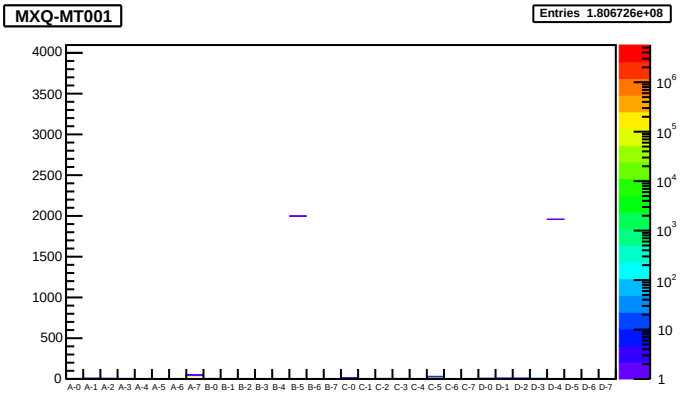

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

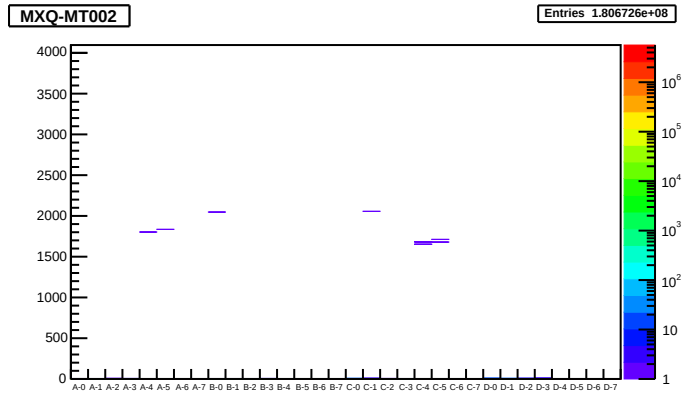

L2-TF201 Input chn 0 -- Number of Muons
Entries5646020
Number of Muons

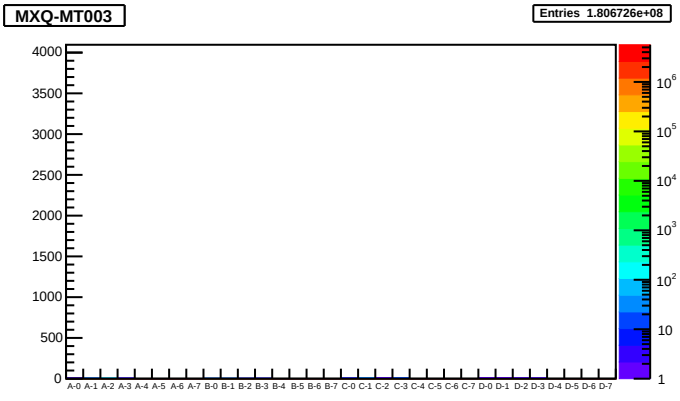

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.693806e+07
2
5.64602e+06
5.64602e+06
5.64602e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray


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


MXQ-MT001
Entries 1.806726e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 1.806726e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 1.806726e+08
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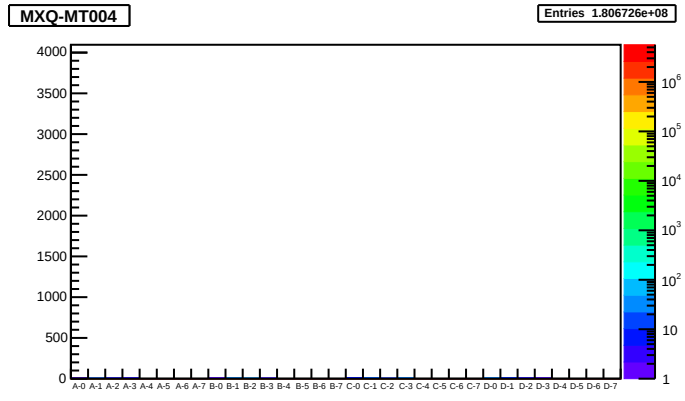
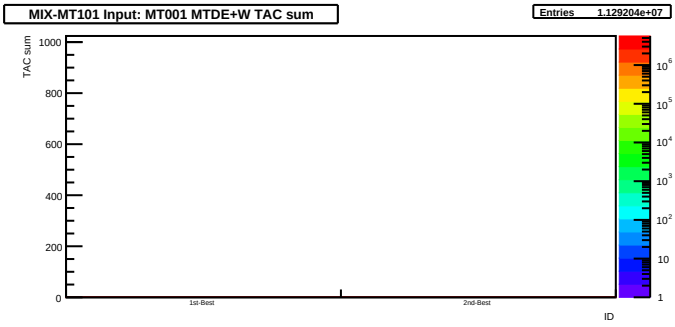
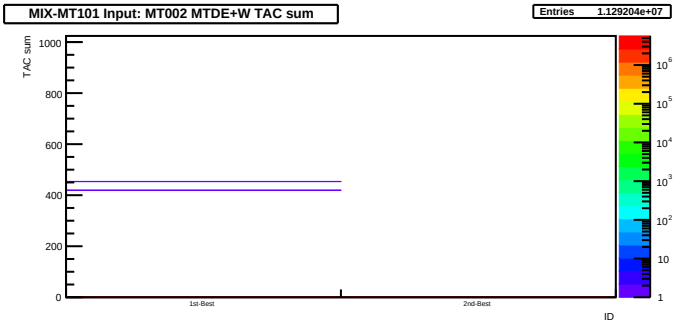
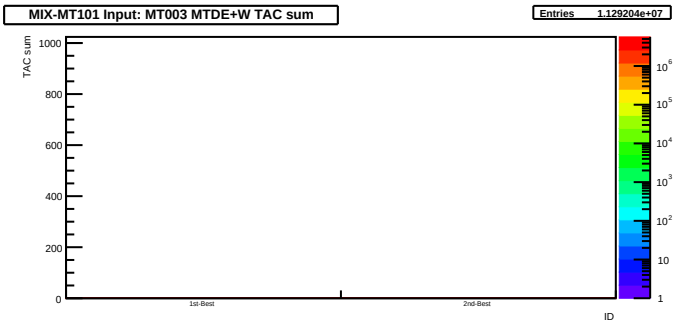
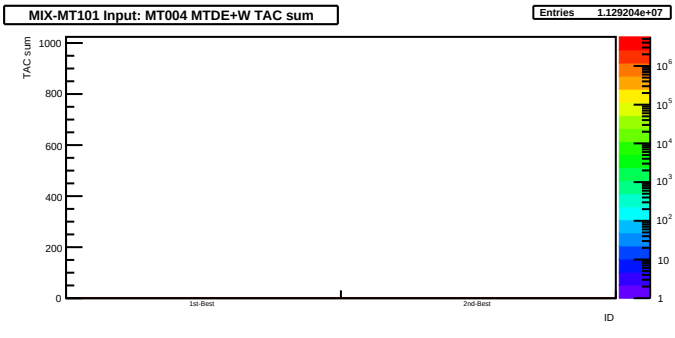
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

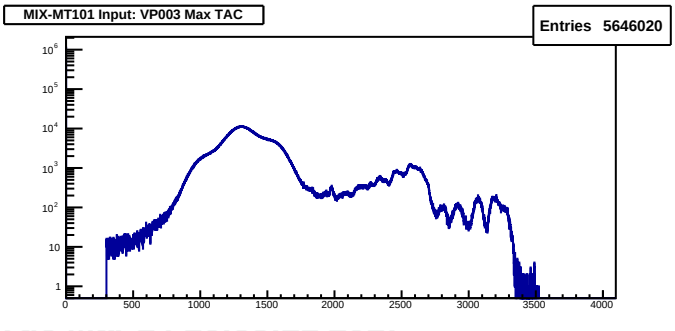

MXQ-MT004
Entries 1.806726e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

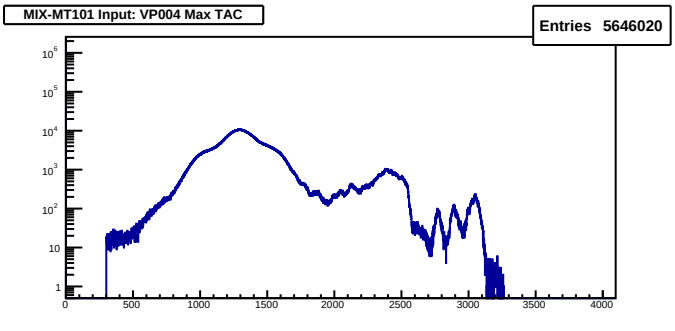

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.129204e+07
TAC sum
1st-Best
2nd-Best
ID

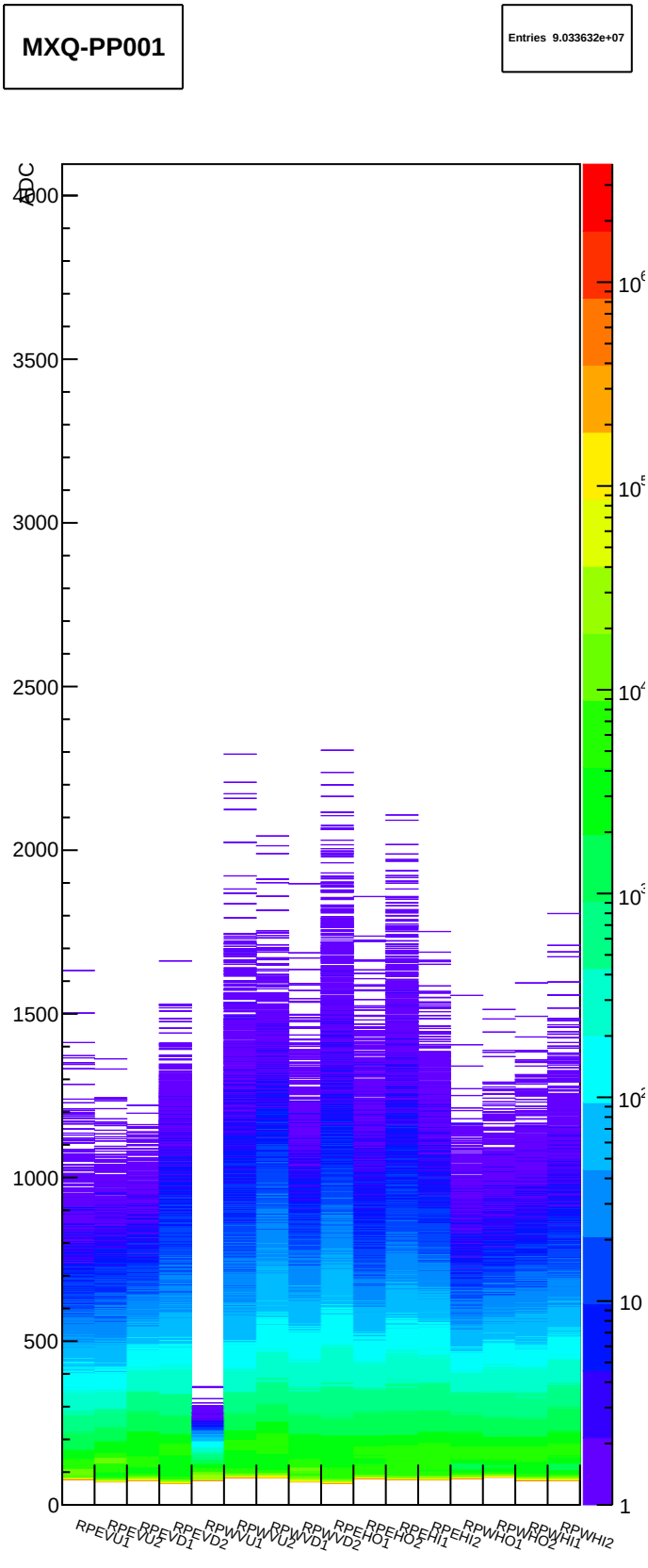

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.129204e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.129204e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.129204e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 5646020


MIX-MT101 Input: VP004 Max TAC
Entries 5646020


MXQ-PP001
Entries 9.033632e+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
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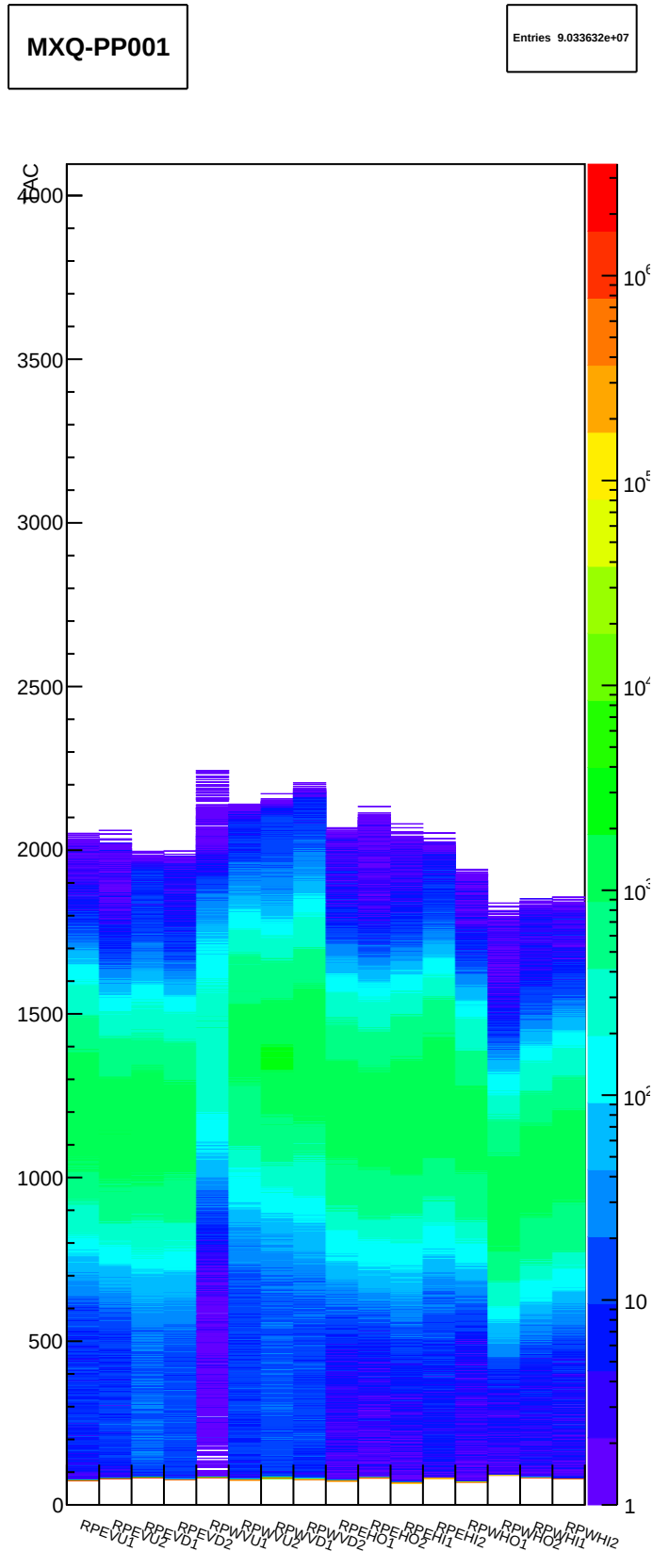
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 9.033632e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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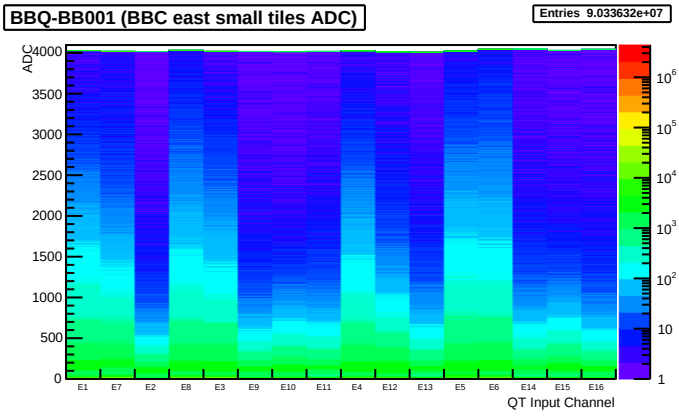
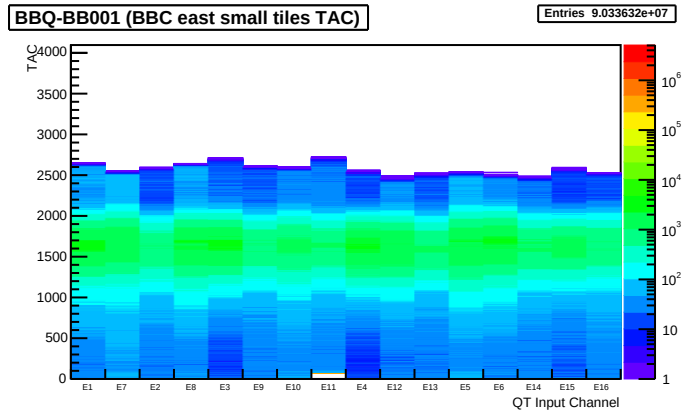
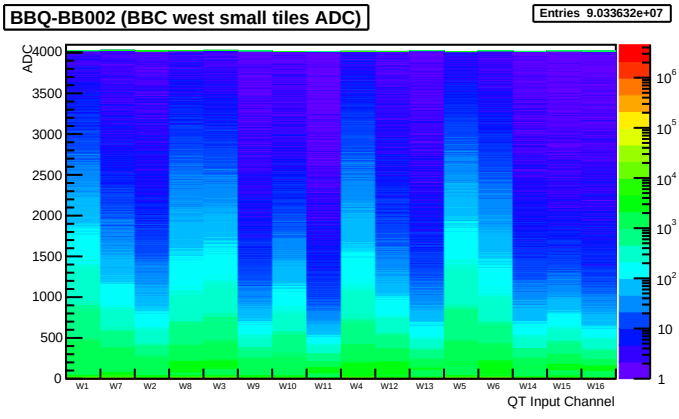
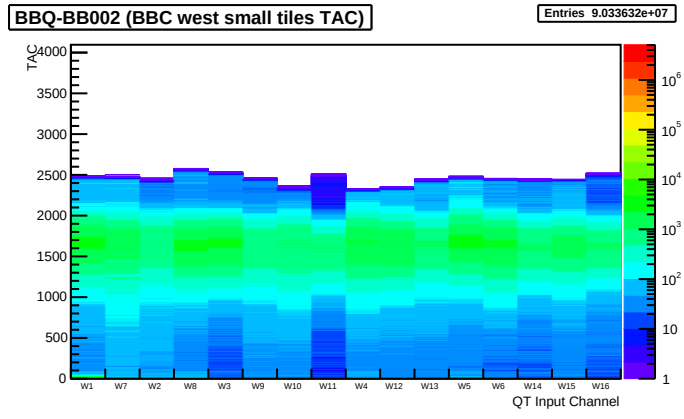
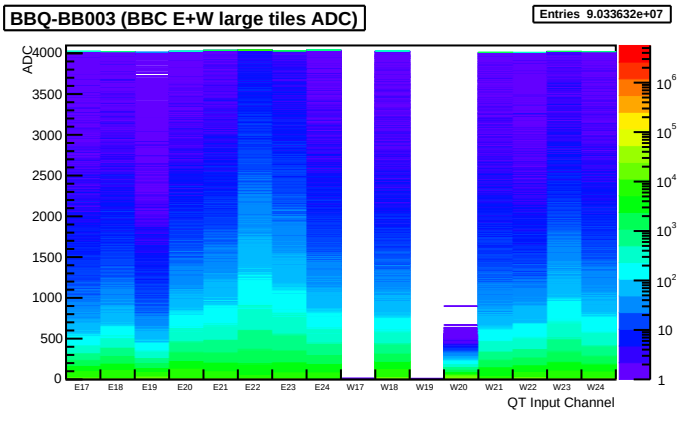
10^4
10^3
10^2
10
1

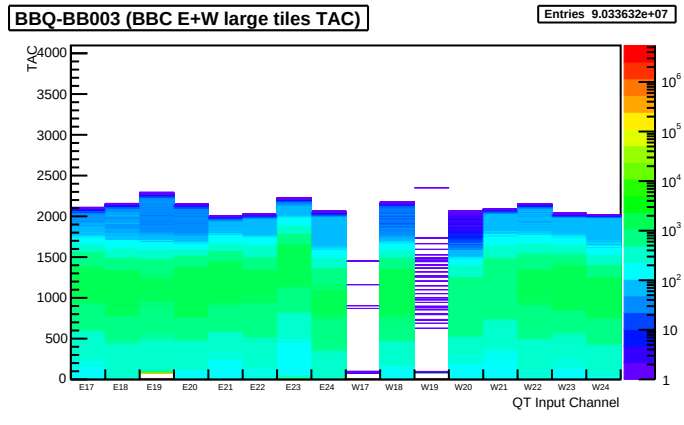

BBQ-BB001 (BBC east small tiles ADC)
Entries 9.033632e+07
ADC
QT Input Channel

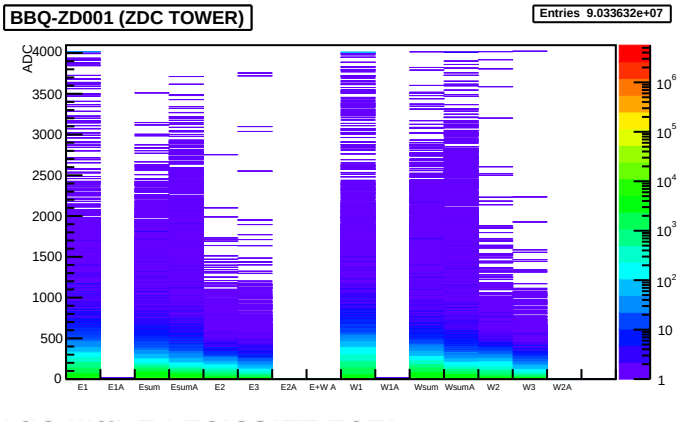

BBQ-BB001 (BBC east small tiles TAC)
Entries 9.033632e+07
TAC
QT Input Channel

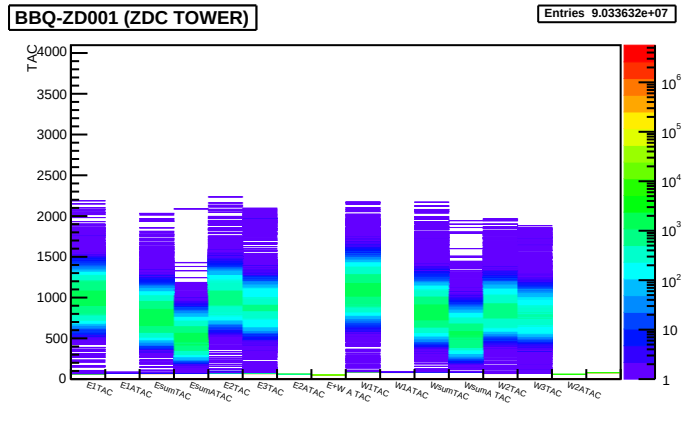

BBQ-BB002 (BBC west small tiles ADC)
Entries 9.033632e+07
ADC
QT Input Channel

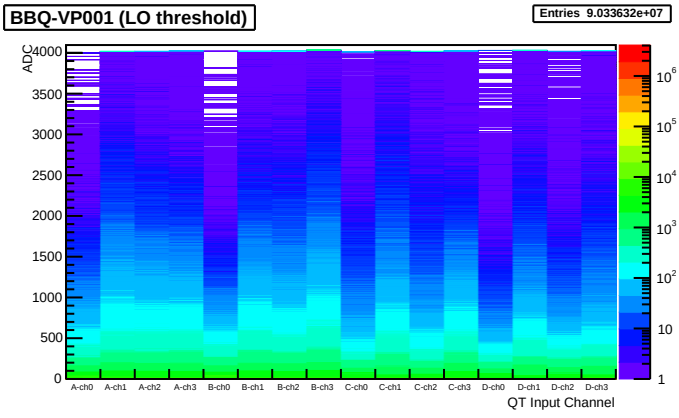

BBQ-BB002 (BBC west small tiles TAC)
Entries 9.033632e+07
TAC
QT Input Channel

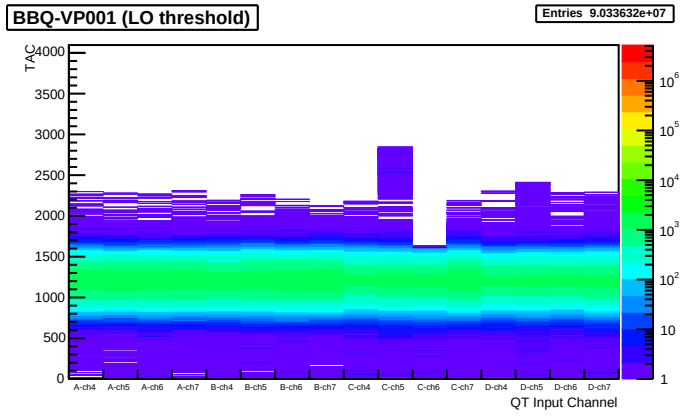

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.033632e+07
ADC
QT Input Channel

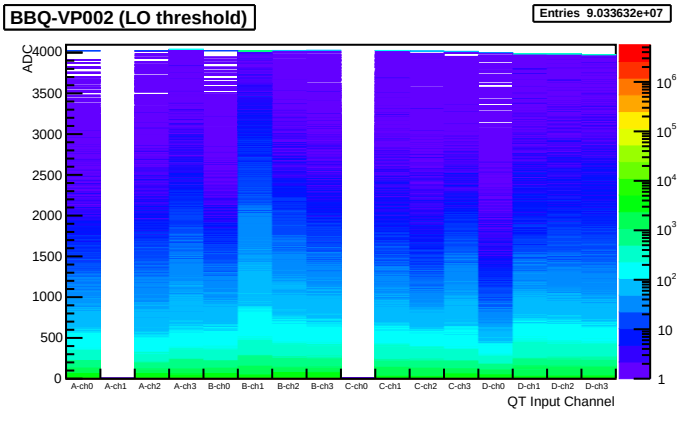

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.033632e+07
TAC
QT Input Channel

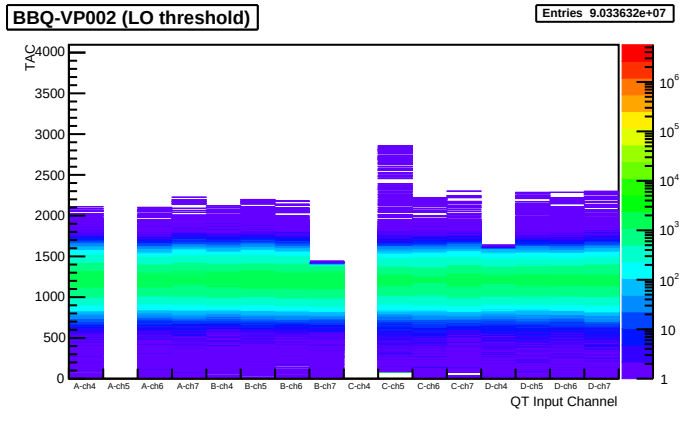

BBQ-ZD001 (ZDC TOWER)
Entries 9.033632e+07
ADC

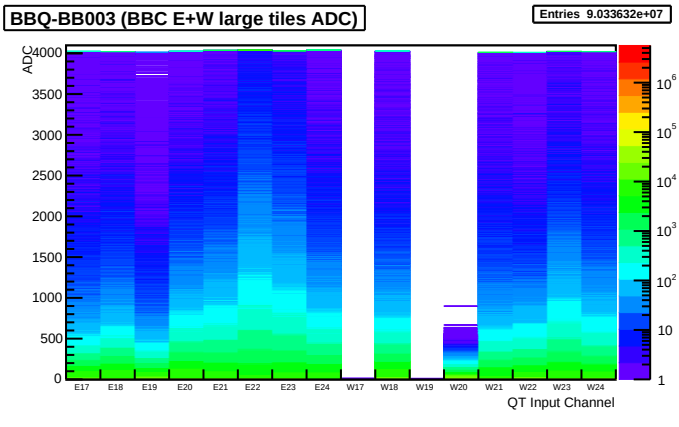

BBQ-ZD001 (ZDC TOWER)
Entries 9.033632e+07
TAC

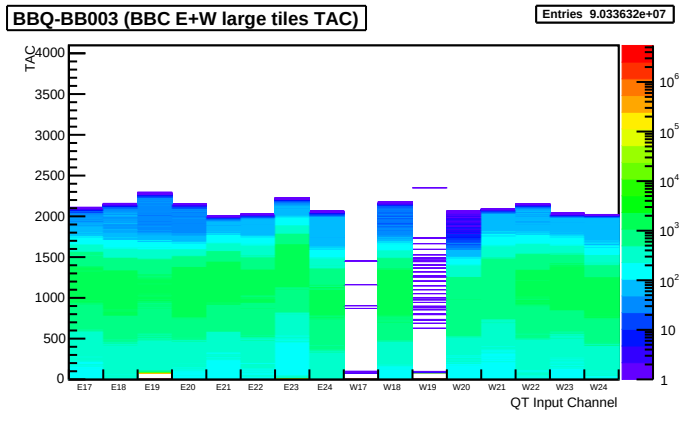

BBQ-VP001 (LO threshold)
Entries 9.033632e+07
ADC
QT Input Channel

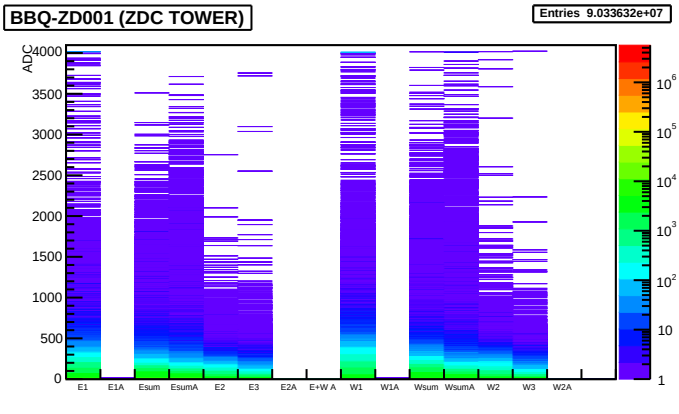

BBQ-VP001 (LO threshold)
Entries 9.033632e+07
TAC
QT Input Channel

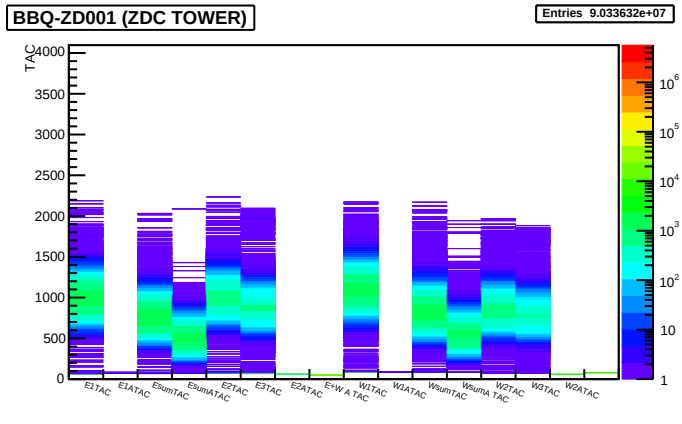

BBQ-VP002 (LO threshold)
Entries 9.033632e+07
ADC
QT Input Channel

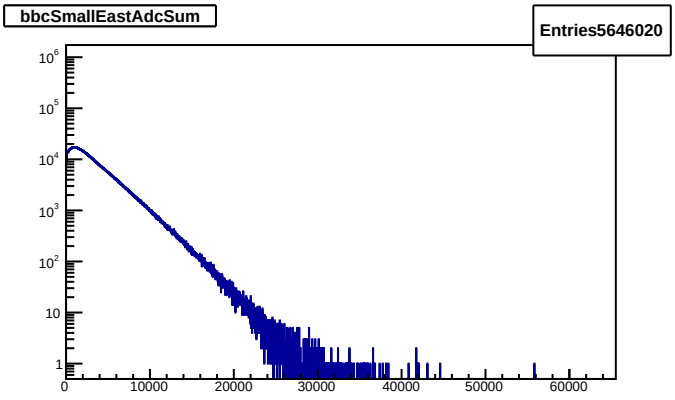

BBQ-VP002 (LO threshold)
Entries 9.033632e+07
TAC
QT Input Channel

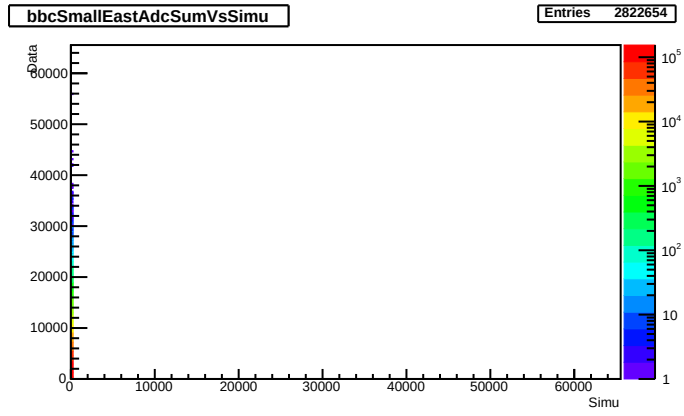

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.033632e+07
ADC
QT Input Channel

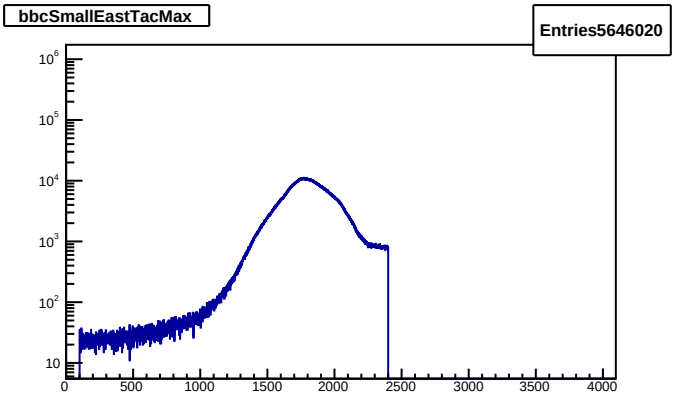

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.033632e+07
TAC
QT Input Channel

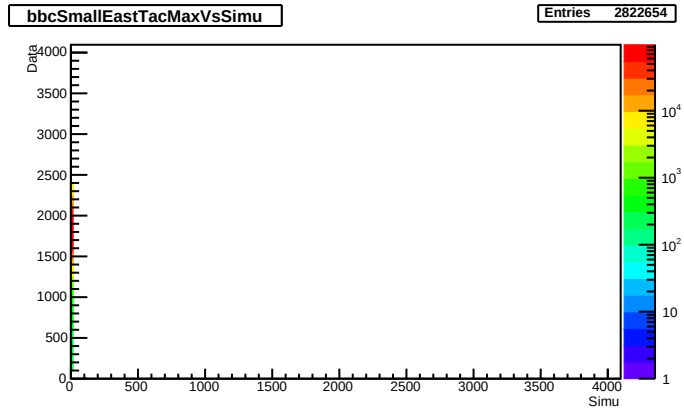

BBQ-ZD001 (ZDC TOWER)
Entries 9.033632e+07
ADC

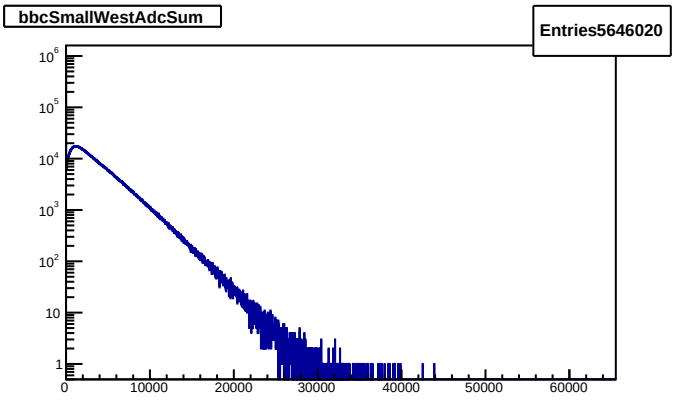

BBQ-ZD001 (ZDC TOWER)
Entries 9.033632e+07
TAC

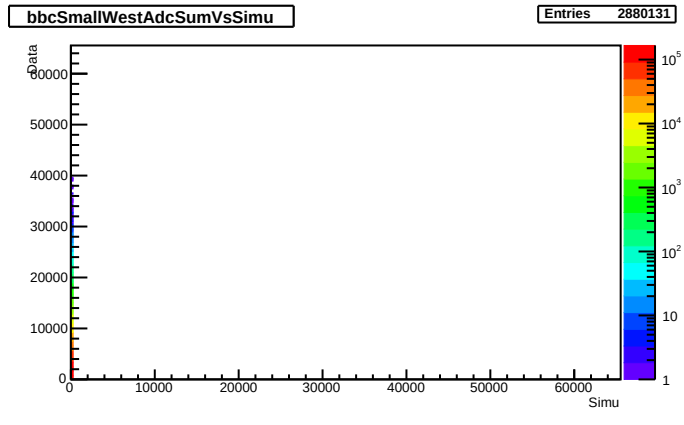

bbcSmallEastAdcSum
Entries5646020

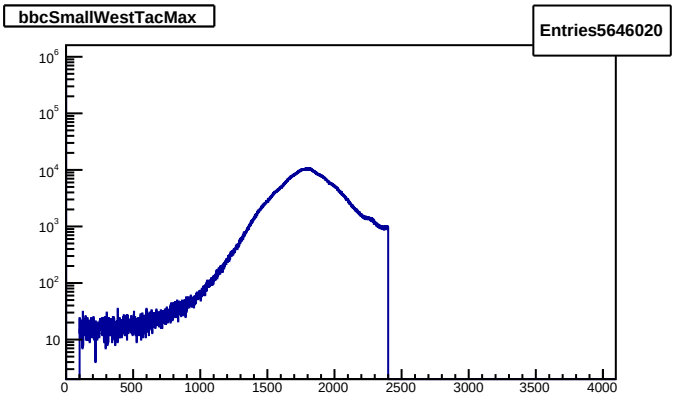

bbcSmallEastAdcSumVsSimu
Entries 2822654
Data
Simu

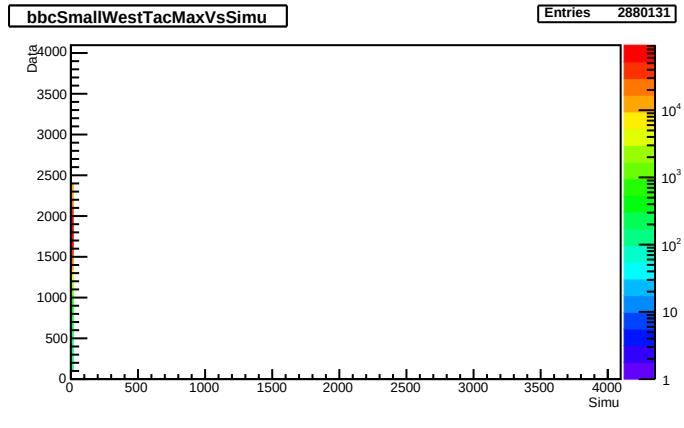

bbcSmallEastTacMax
Entries5646020

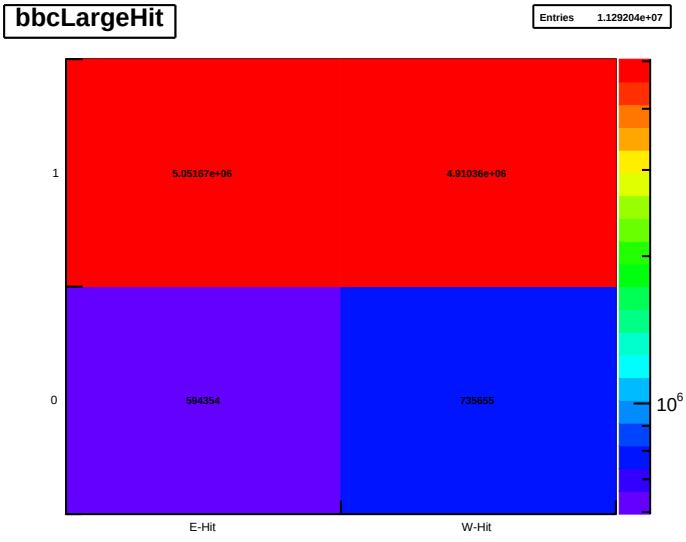

bbcSmallEastTacMaxVsSimu
Entries 2822654
Data
Simu

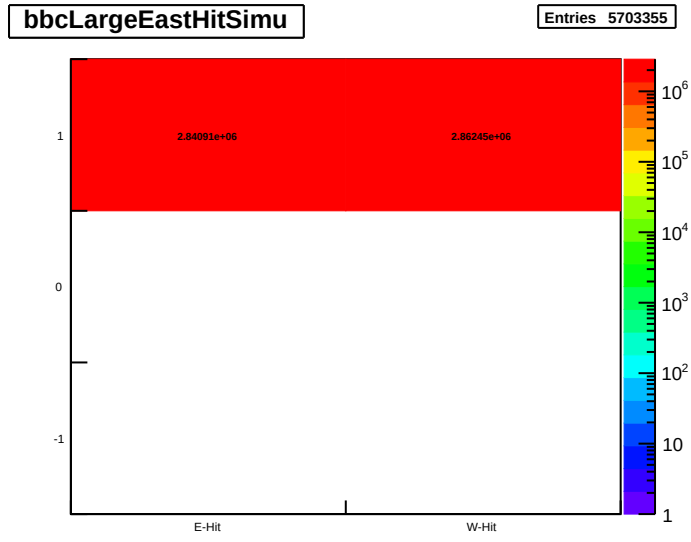

bbcSmallWestAdcSum
Entries5646020

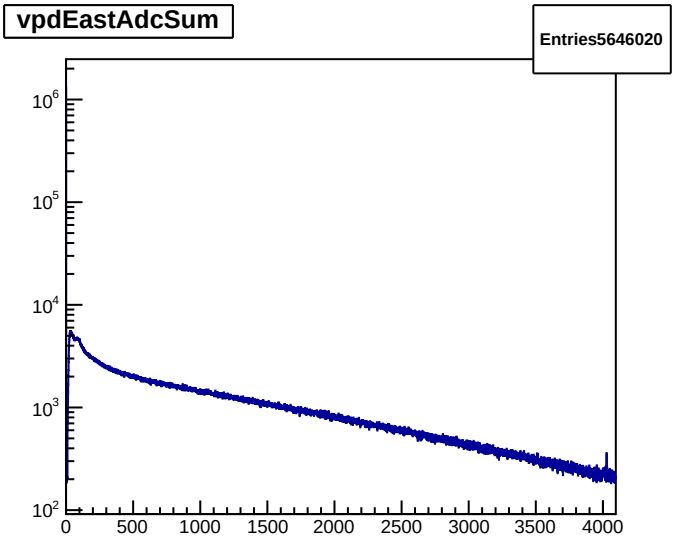

bbcSmallWestAdcSumVsSimu
Entries 2880131
Data
Simu

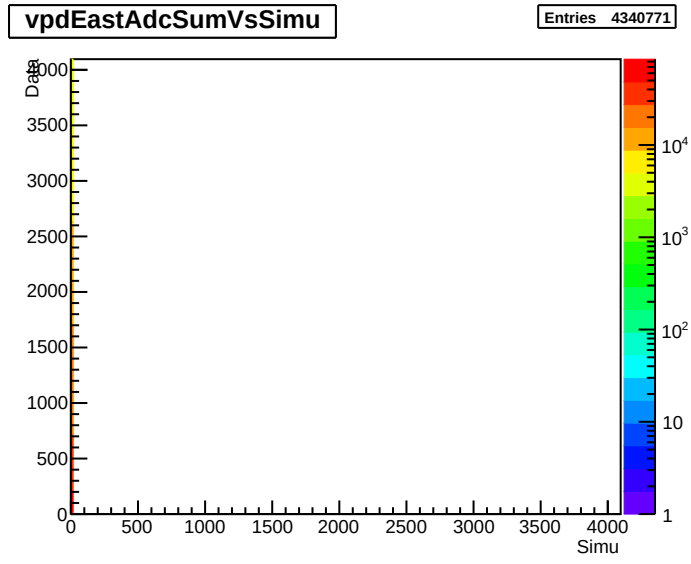

bbcSmallWestTacMax
Entries5646020

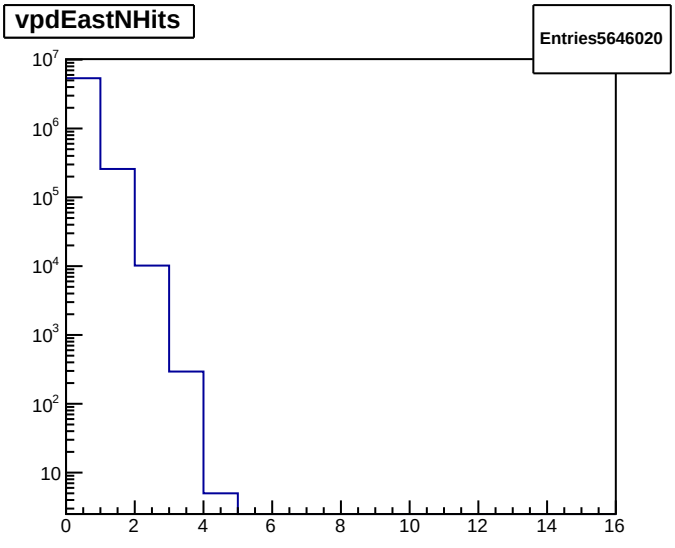

bbcSmallWestTacMaxVsSimu
Entries 2880131
Data
Simu

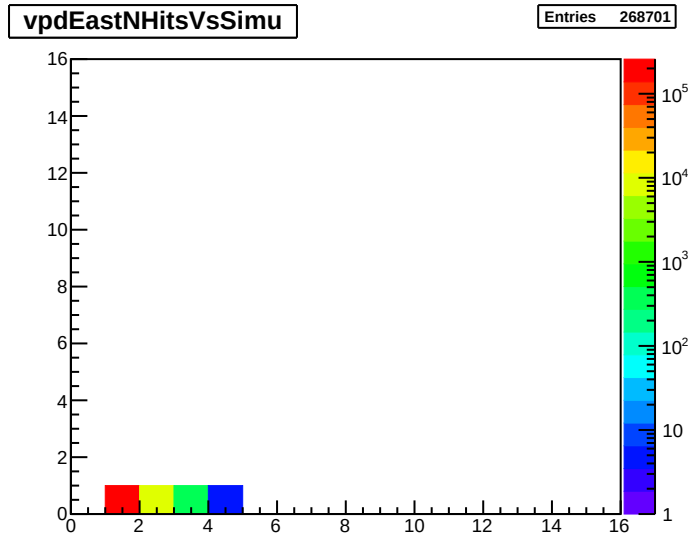

bbcLargeHit
Entries 1.129204e+07
5.05167e+06
4.91036e+06
594354
735655
1
0
E-Hit
W-Hit
10^6

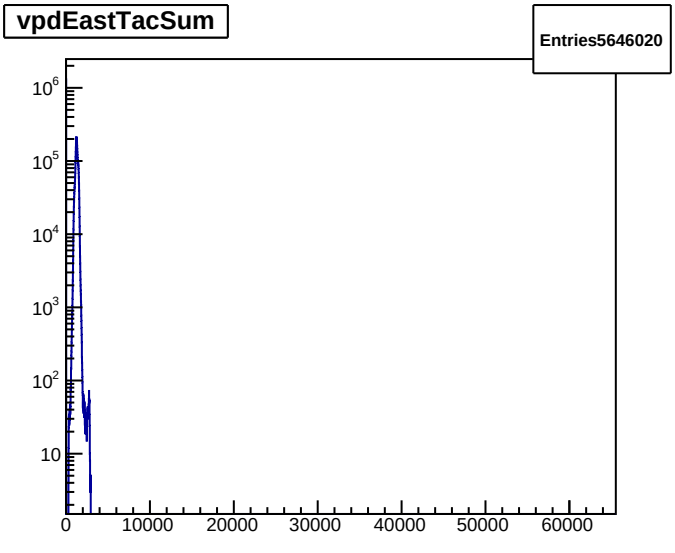

bbcLargeEastHitSimu
Entries 5703355
2.84091e+06
2.86245e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

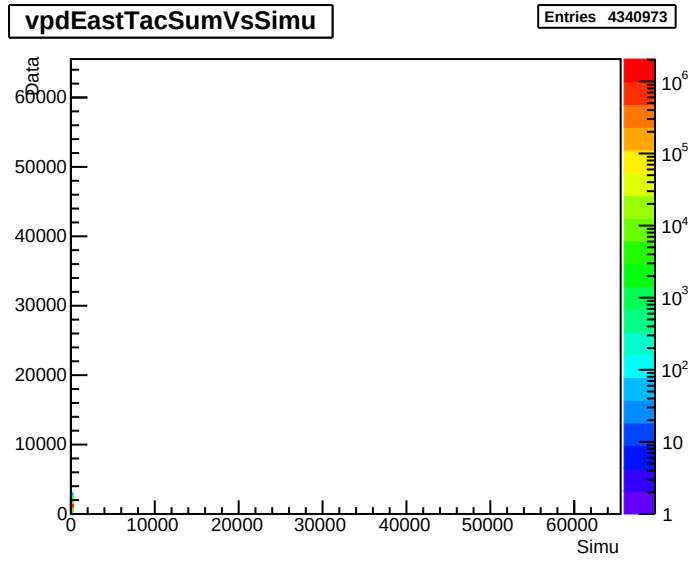

vpdEastAdcSum
Entries5646020

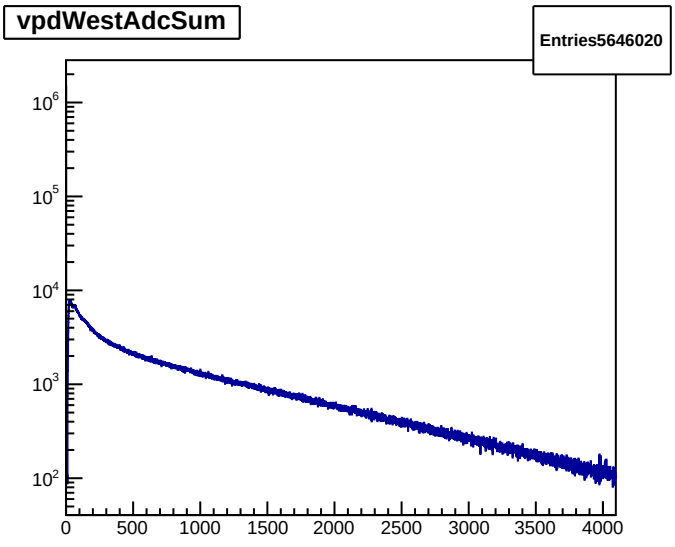

vpdEastAdcSumVsSimu
Entries 4340771
Data
Simu

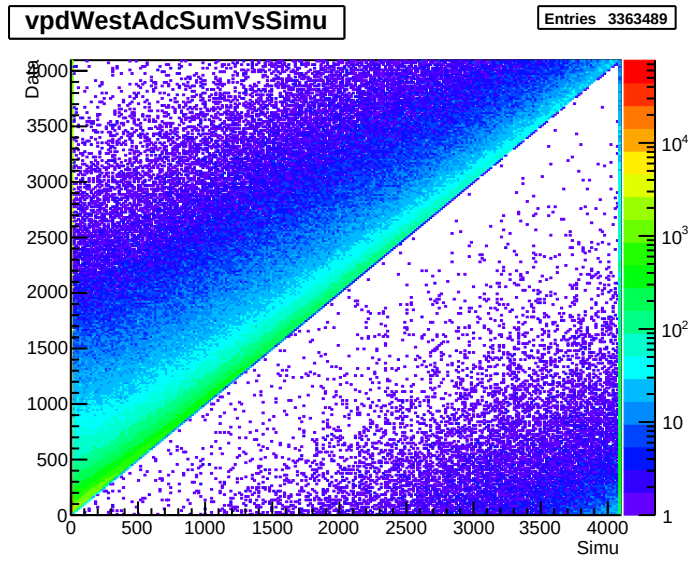

vpdEastNHits
Entries5646020

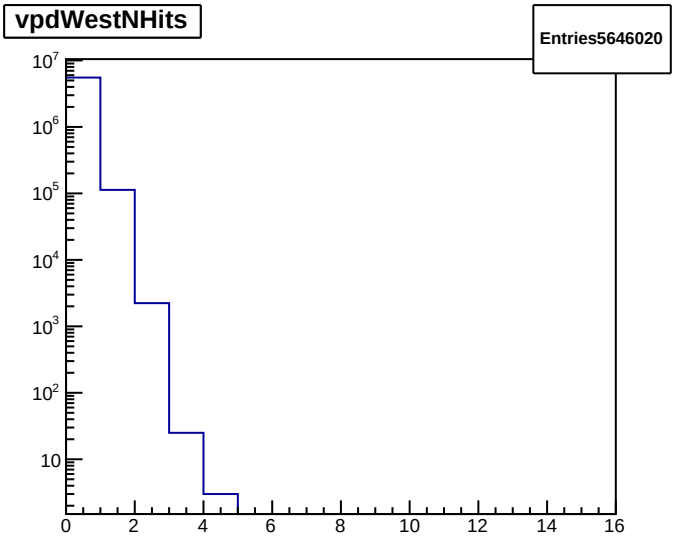

vpdEastNHitsVsSimu
Entries 268701

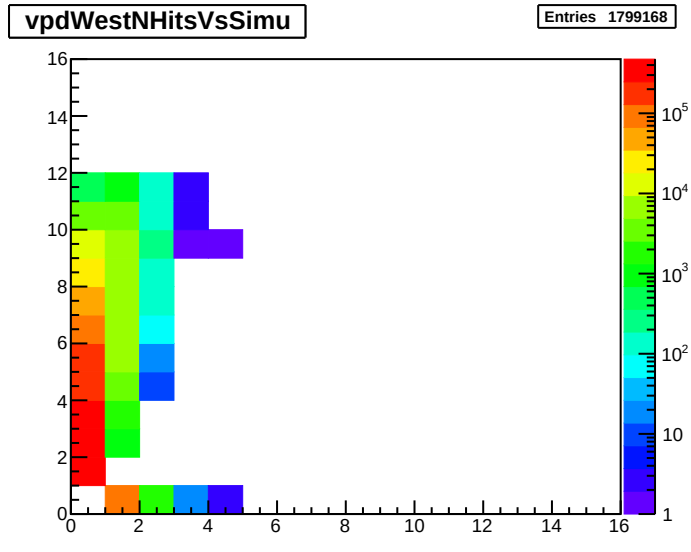

vpdEastTacSum
Entries5646020

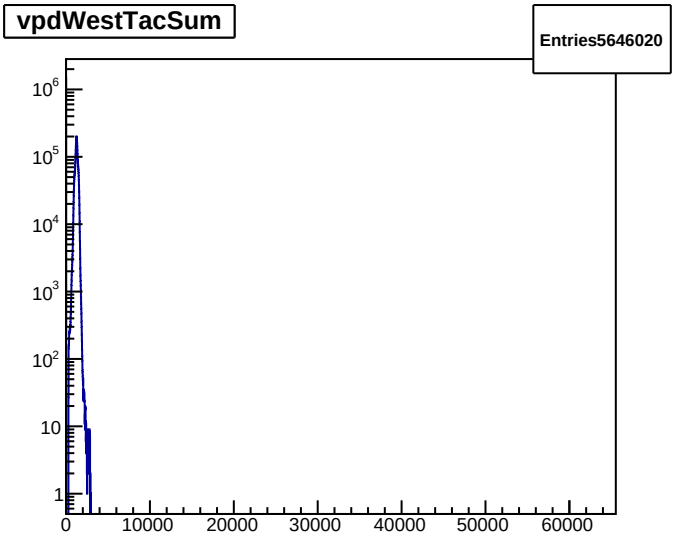

vpdEastTacSumVsSimu
Entries 4340973
Data
Simu

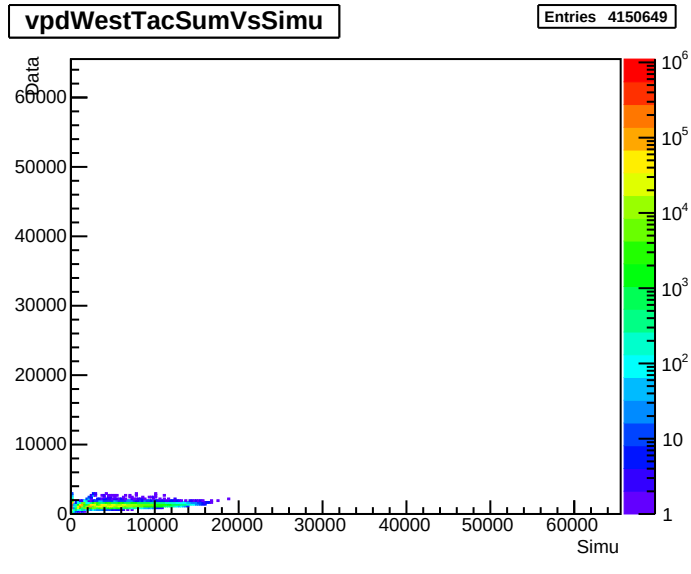

vpdWestAdcSum
Entries5646020

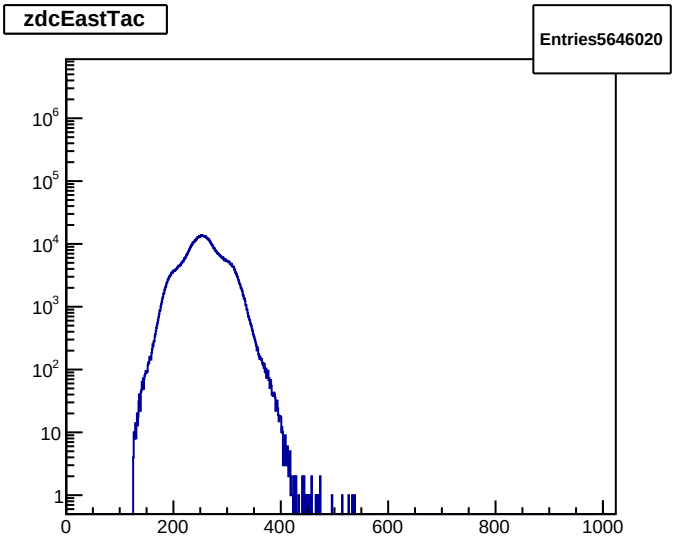

vpdWestAdcSumVsSimu
Entries 3363489
Data
Simu

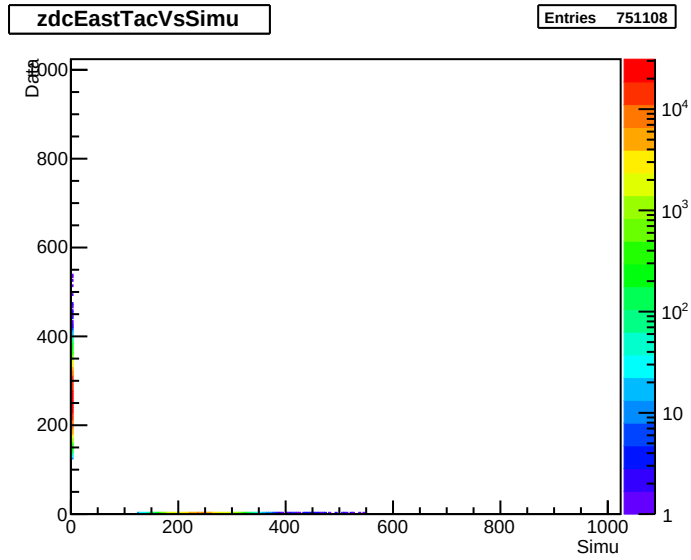

vpdWestNHits
Entries5646020

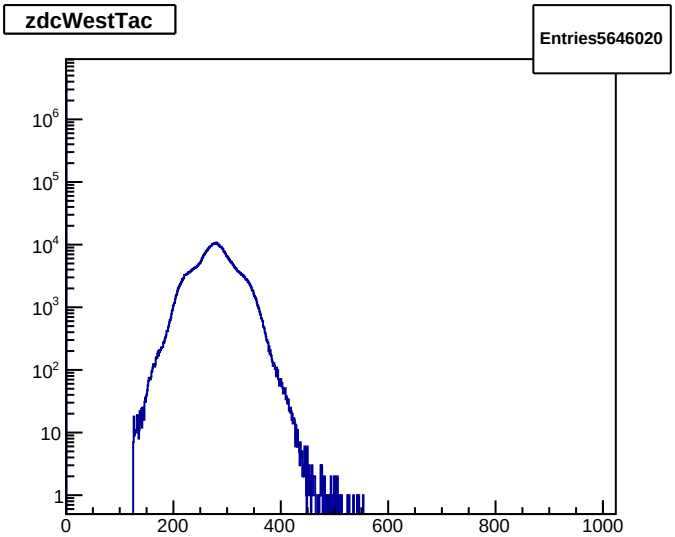

vpdWestNHitsVsSimu
Entries 1799168

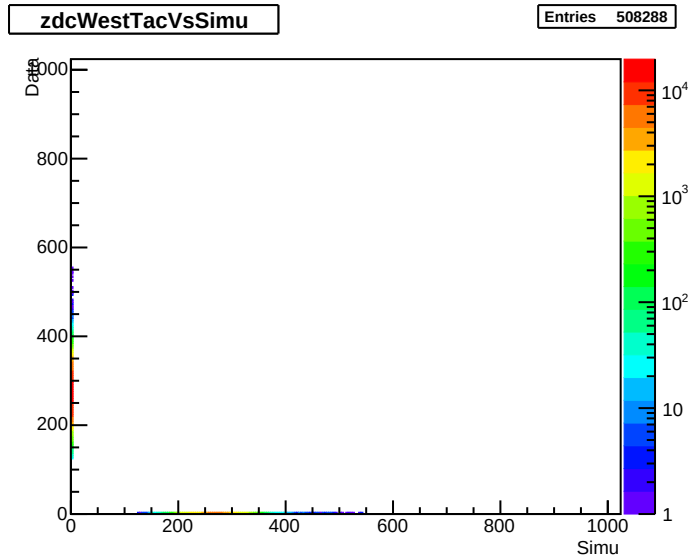

vpdWestTacSum
Entries5646020

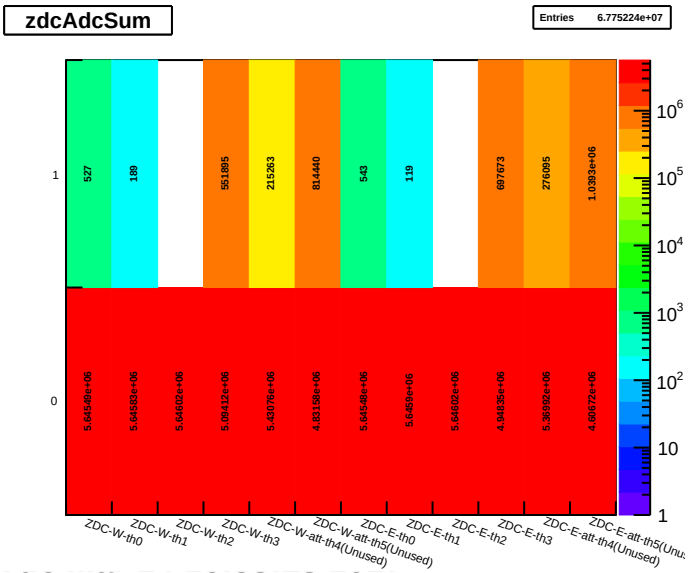

vpdWestTacSumVsSimu
Entries 4150649
Data
Simu

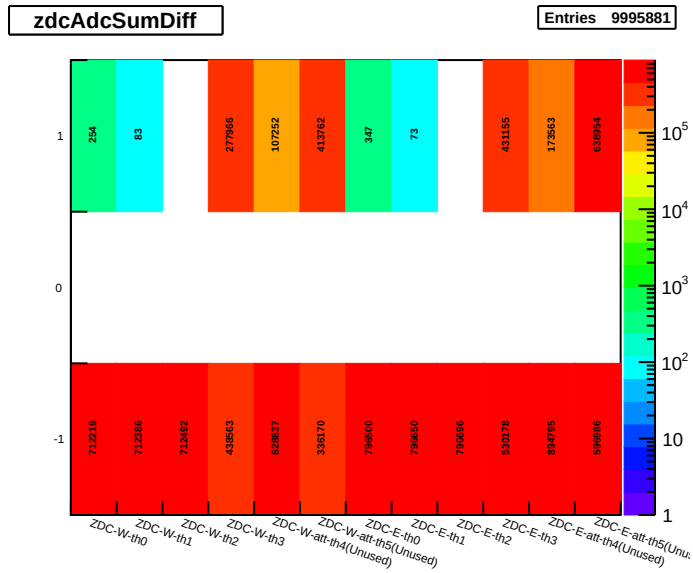

zdcEastTac
Entries5646020

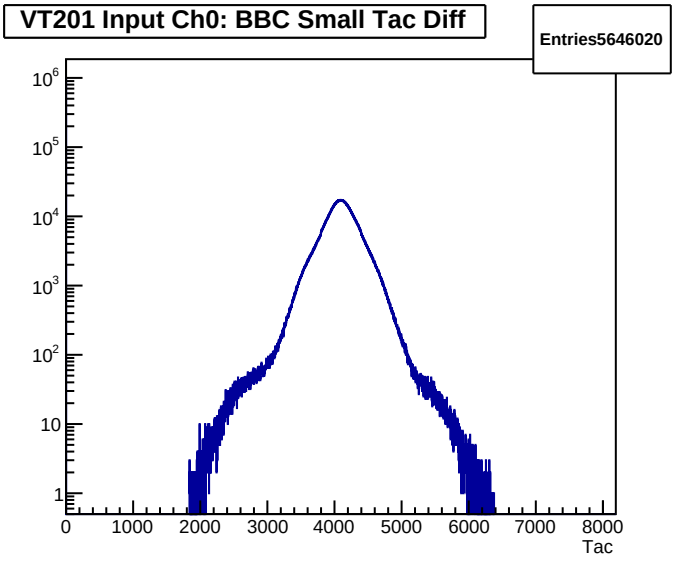

zdcEastTacVsSimu
Entries 751108
Data
Simu

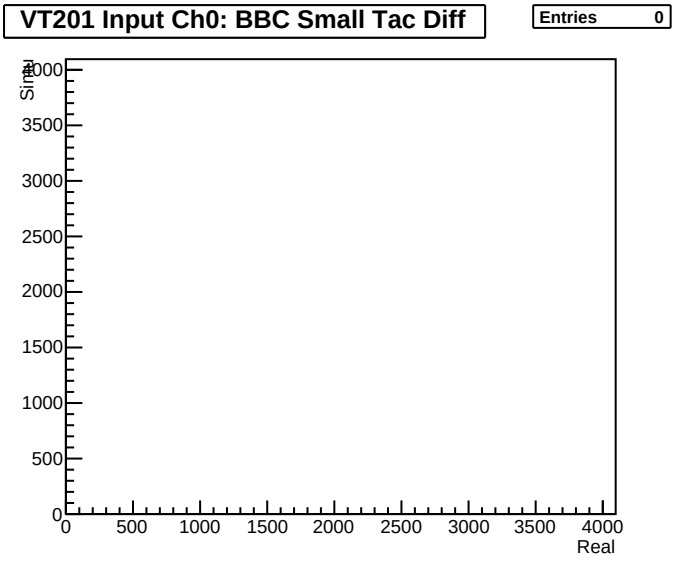

zdcWestTac
Entries5646020

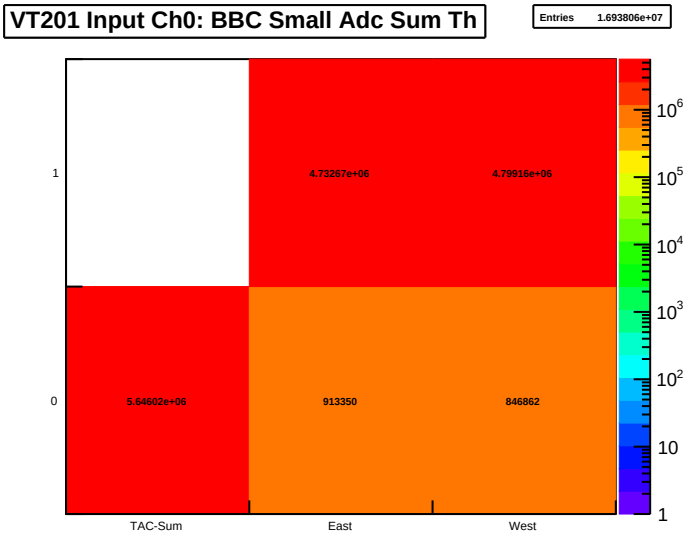

zdcWestTacVsSimu
Entries 508288
Data
Simu

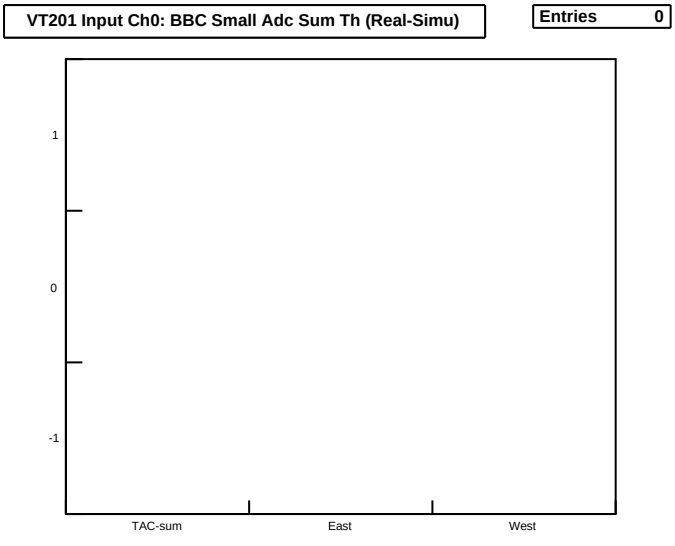

zdcAdcSum
Entries 6.775224e+07
527
189
551895
215263
814440
543
119
697673
276095
1.0393e+06
5.64548e+06
5.64583e+06
5.64602e+06
5.09412e+06
5.43076e+06
4.63158e+06
5.64548e+06
5.6459e+06
5.64602e+06
4.94635e+06
5.36992e+06
4.60672e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

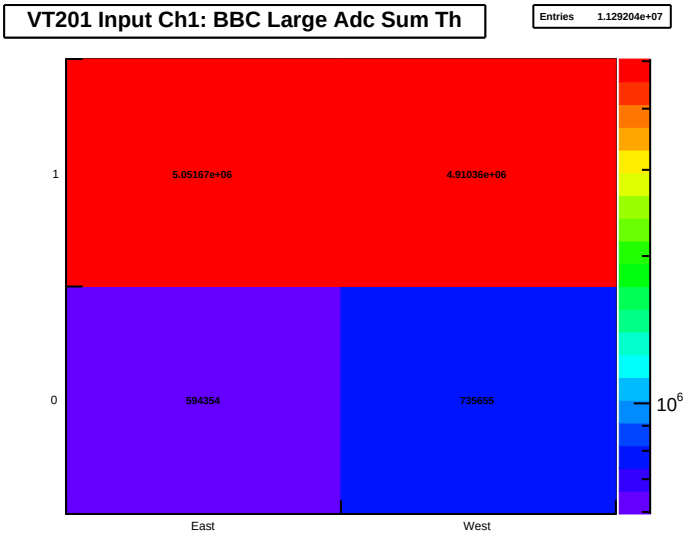

zdcAdcSumDiff
Entries 9995881
254
83
277966
107252
413762
347
73
431155
173563
638954
712219
712386
712492
435563
628837
336170
795500
796550
796686
530178
894795
596986
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

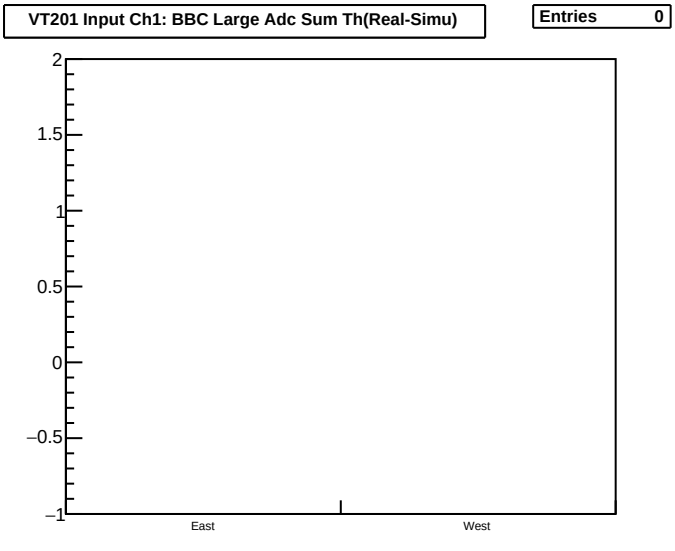

VT201 Input Ch0: BBC Small Tac Diff
Entries5646020
Tac


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

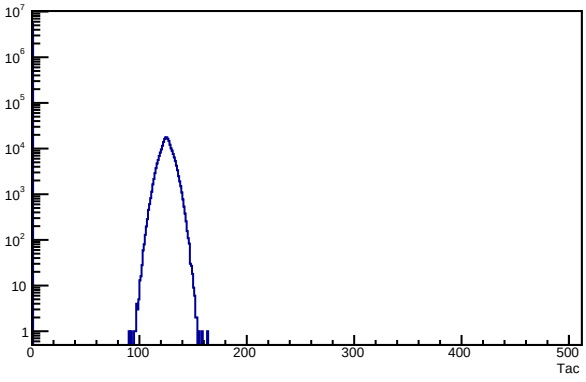

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.693806e+07
4.73267e+06
4.79916e+06
5.64602e+06
913350
846862
TAC-Sum
East
West


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

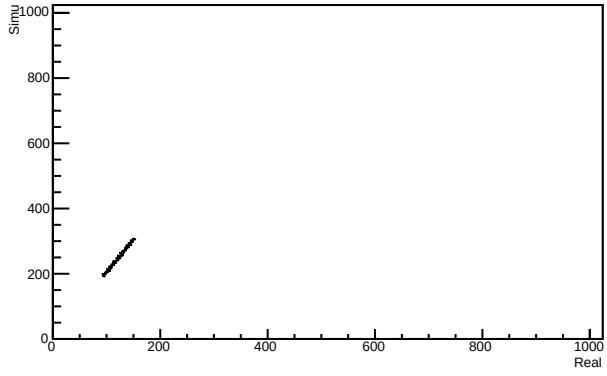

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.129204e+07
5.05167e+06
4.91036e+06
594354
735655
East
West


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

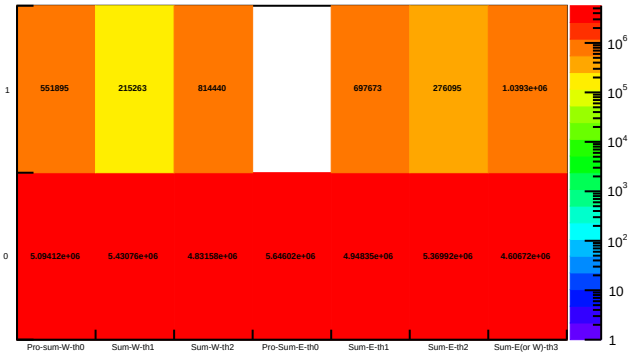
VT201 Input Ch2: ZDC Tac Diff



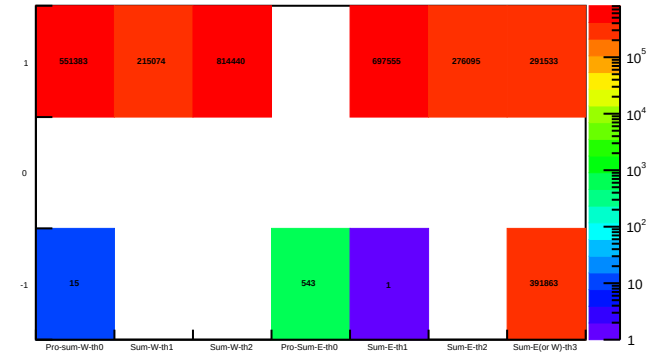
VT201 Input Ch2: ZDC Tac Diff



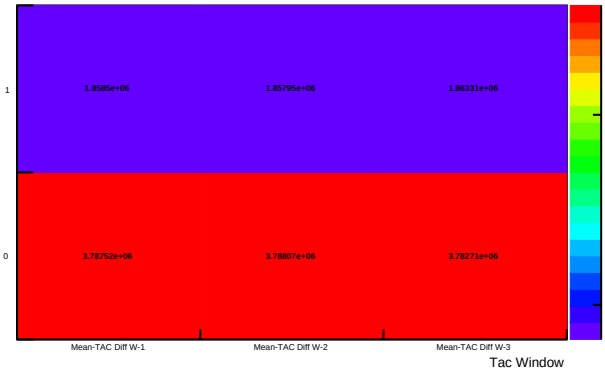
VT201 Input Ch2: ZDC Adc Sum Th



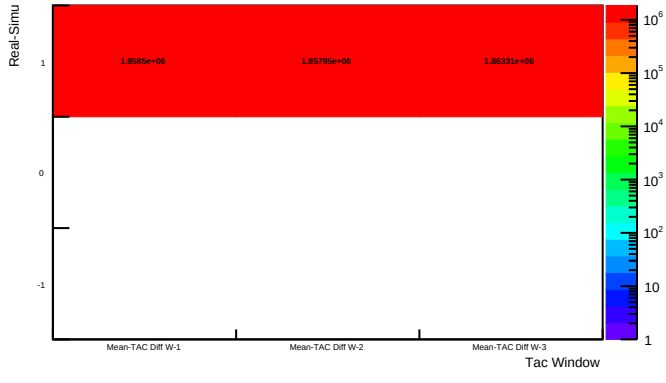
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



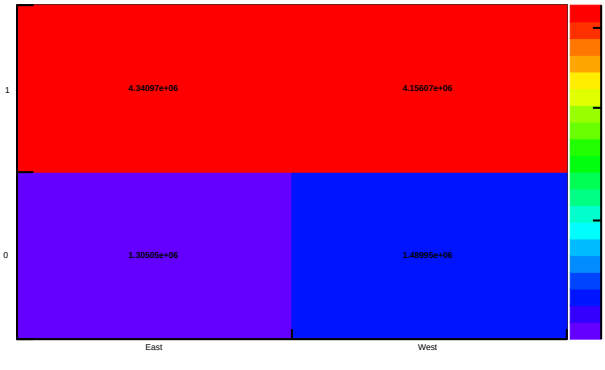
VT201 Input Ch4: VPD Tac Diff



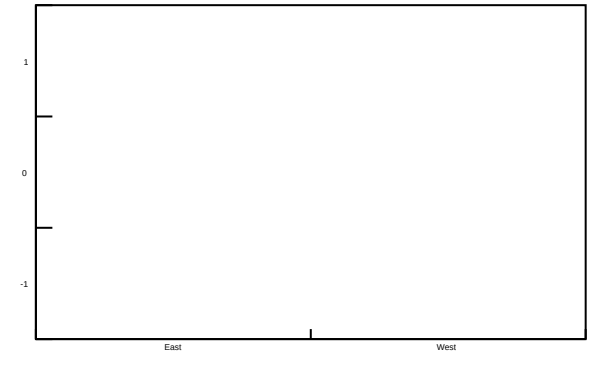
VT201 Input Ch4: VPD Tac Diff

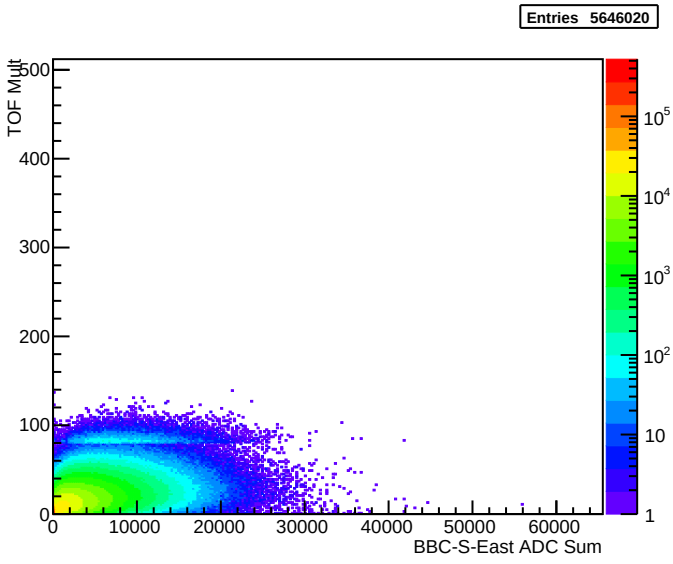


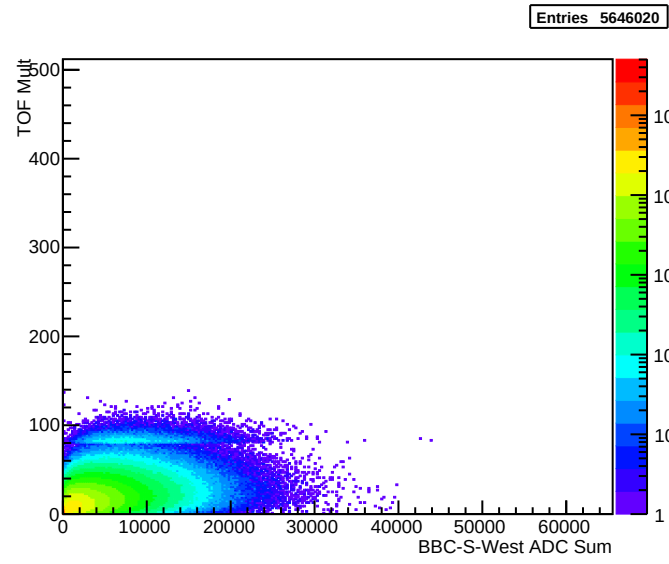
VT201 Input Ch4: VPD Adc Sum Th

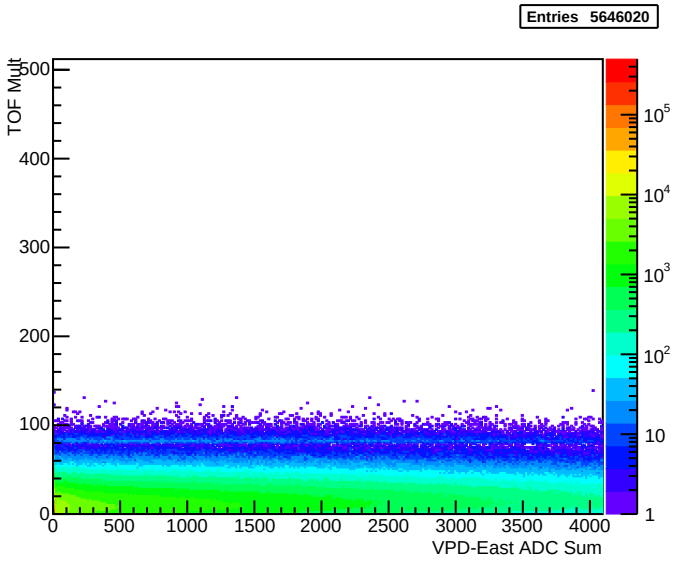


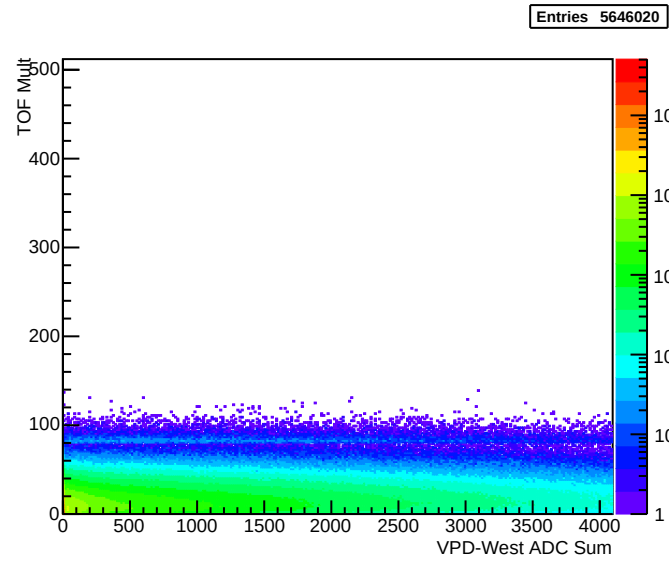
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

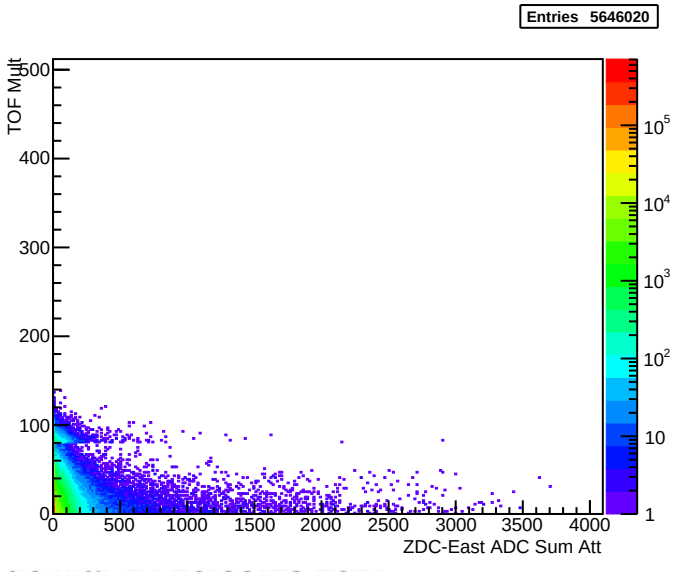


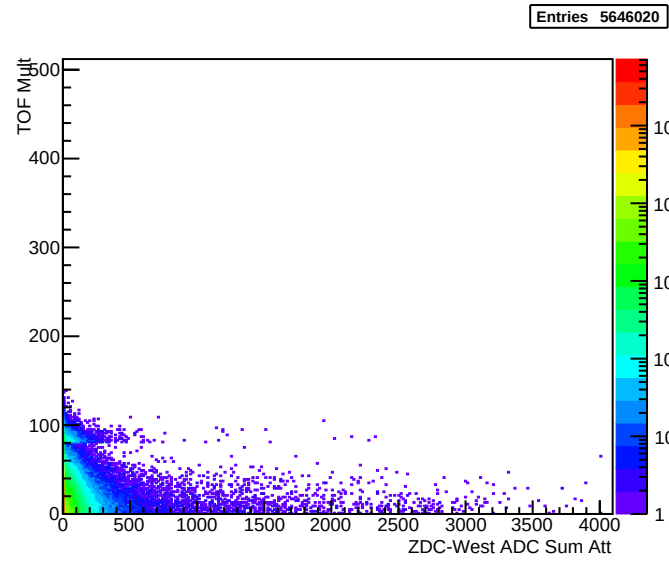

Entries 5646020
TOF Mult
BBC-S-East ADC Sum

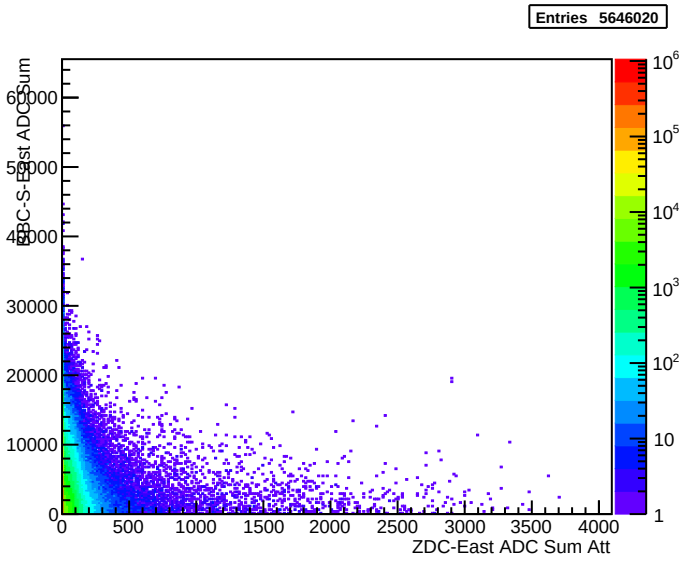

Entries 5646020
TOF Mult
BBC-S-West ADC Sum

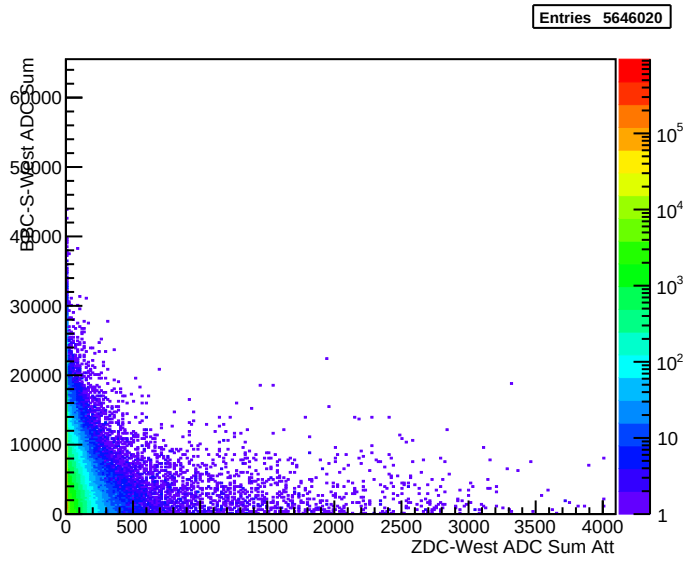

Entries 5646020
TOF Mult
VPD-East ADC Sum

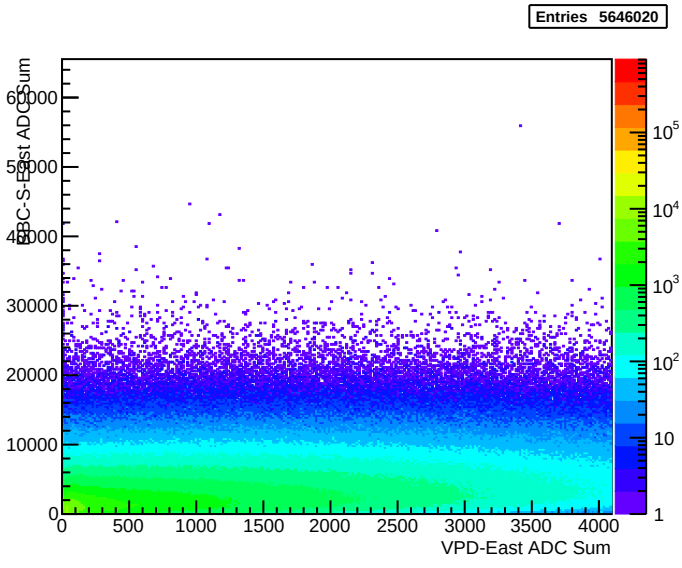

Entries 5646020
TOF Mult
VPD-West ADC Sum

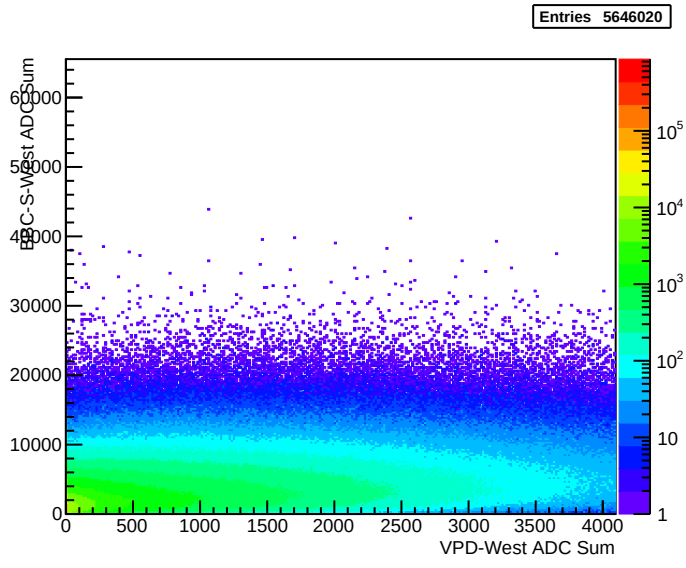

Entries 5646020
TOF Mult
ZDC-East ADC Sum Att

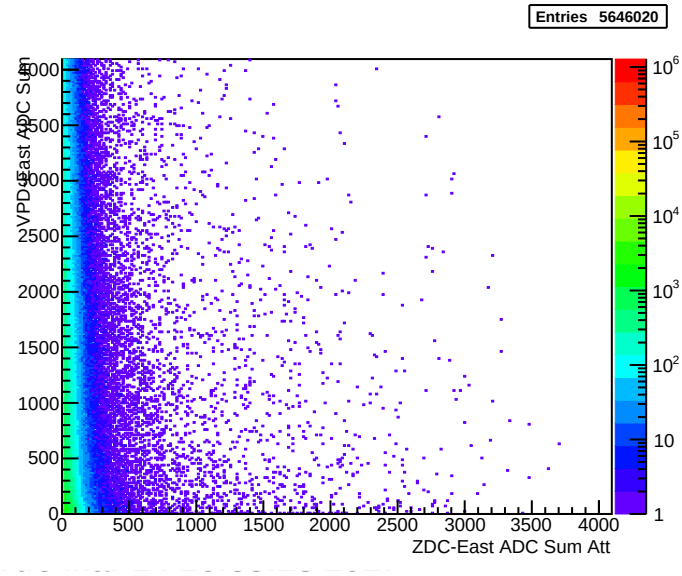

Entries 5646020
TOF Mult
ZDC-West ADC Sum Att

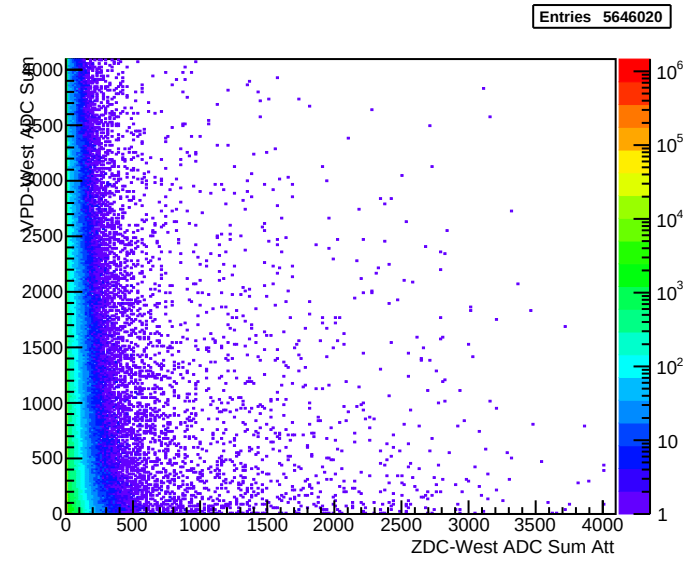

Entries 5646020
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

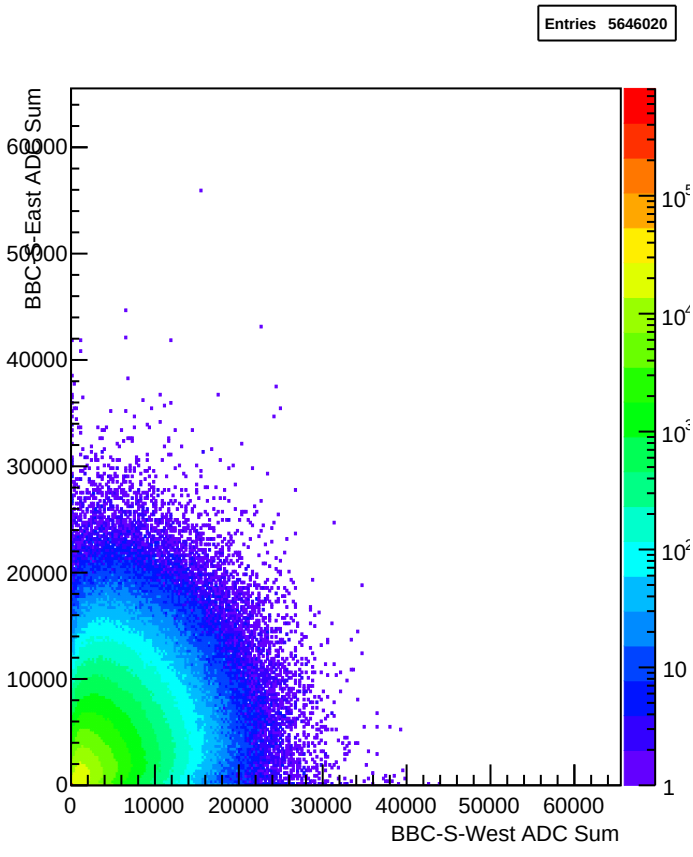

Entries 5646020
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

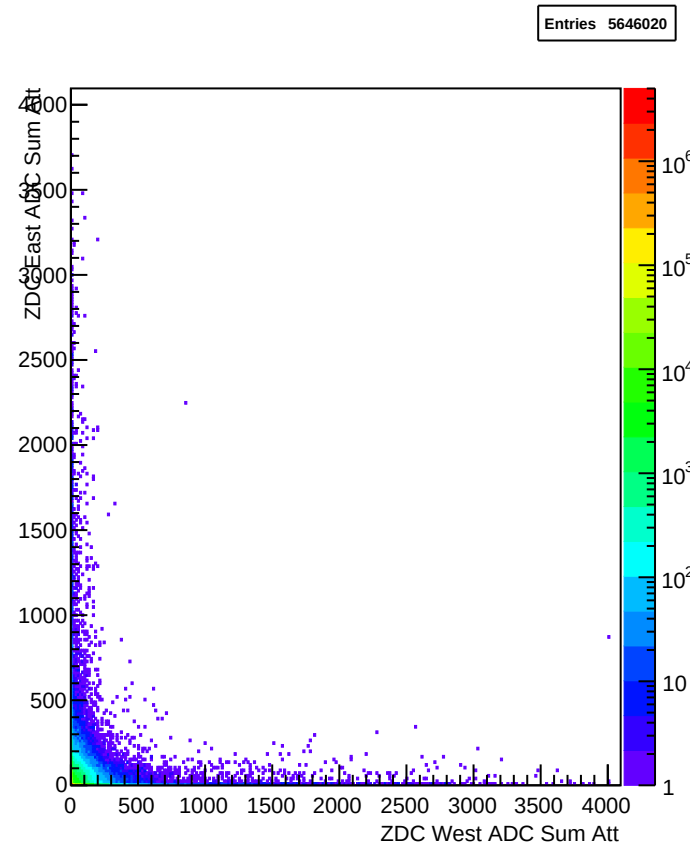

Entries 5646020
BBC-S-East ADC Sum
VPD-East ADC Sum

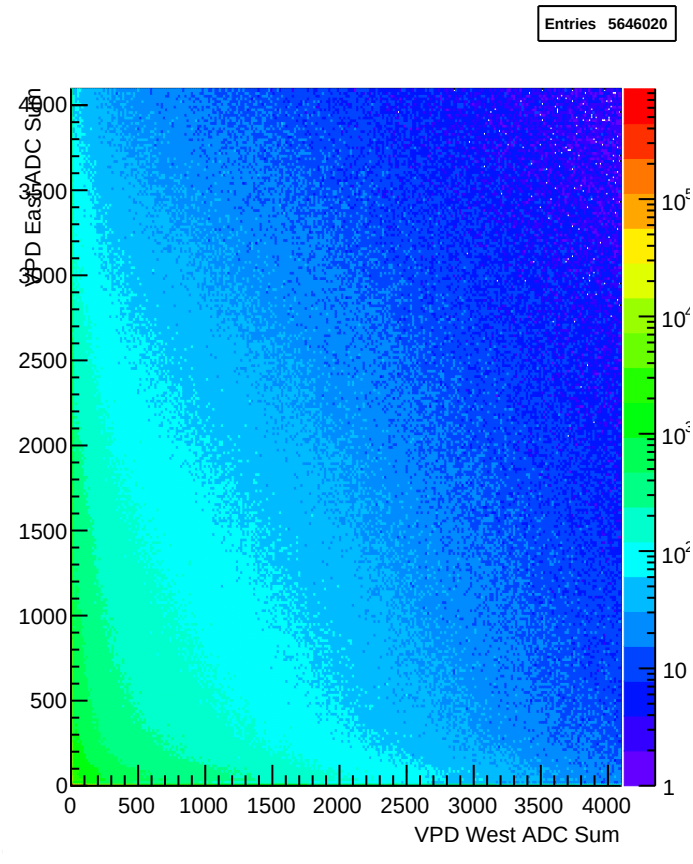

Entries 5646020
BBC-S-West ADC Sum
VPD-West ADC Sum

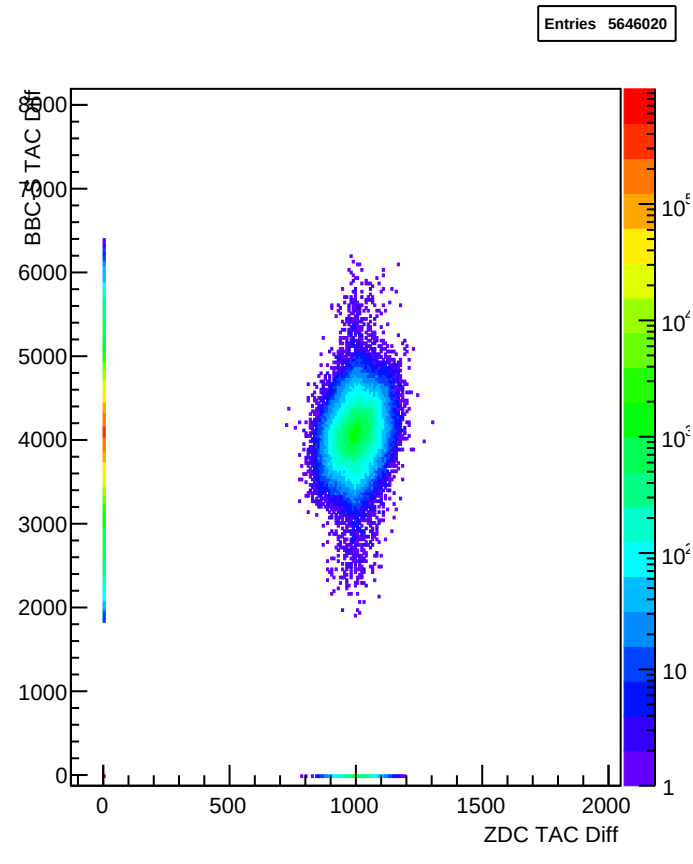

Entries 5646020
VPD-East ADC Sum
ZDC-East ADC Sum Att

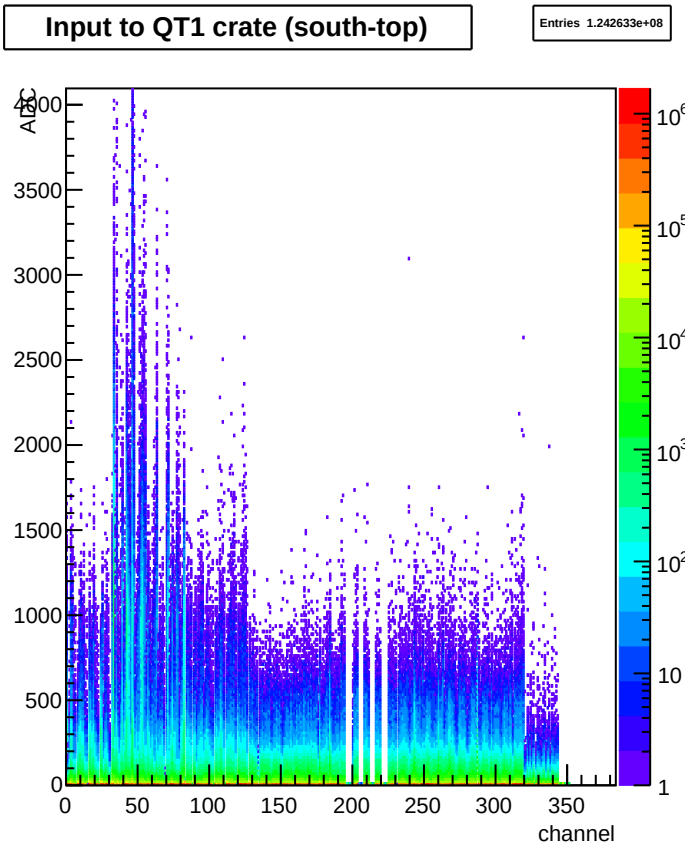

Entries 5646020
VPD-West ADC Sum
ZDC-West ADC Sum Att

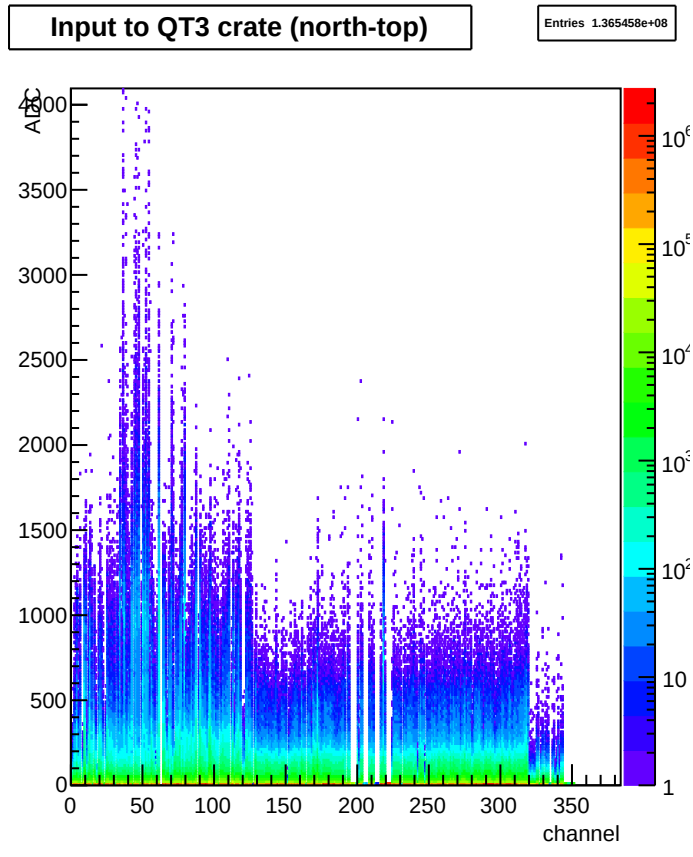

Entries 5646020
BBC-S-East ADC Sum
BBC-S-West ADC Sum

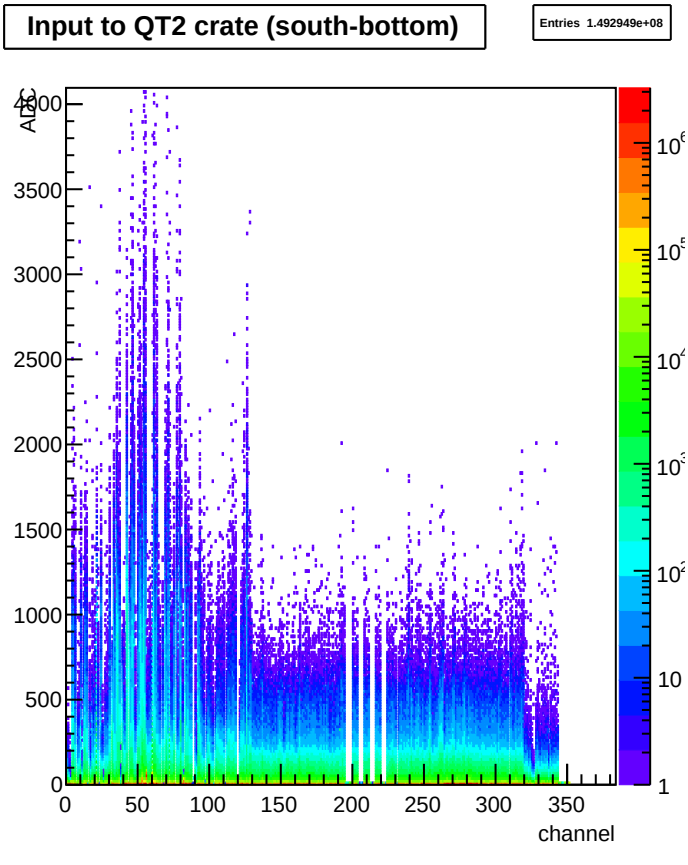

Entries 5646020
ZDC East ADC Sum Att
ZDC West ADC Sum Att

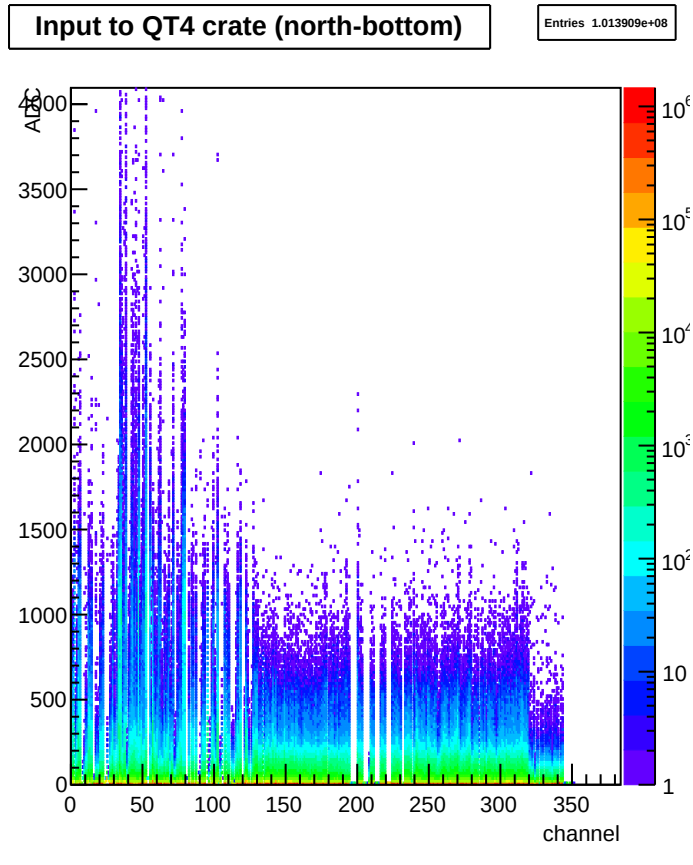

Entries 5646020
VPD East ADC Sum
VPD West ADC Sum

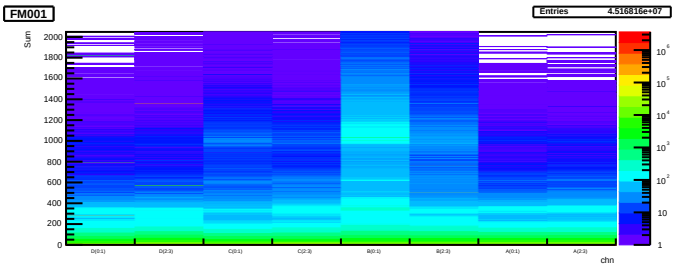

Entries 5646020
BBC-S TAC Diff
ZDC TAC Diff

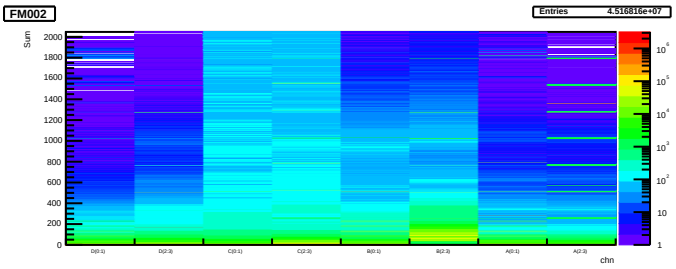

Input to QT1 crate (south-top)
Entries 1.242633e+08
ADC
channel

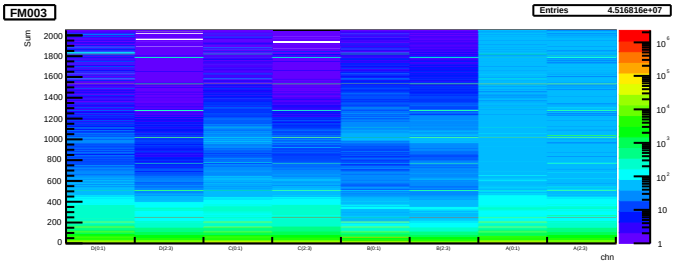

Input to QT3 crate (north-top)
Entries 1.365458e+08
ADC
channel

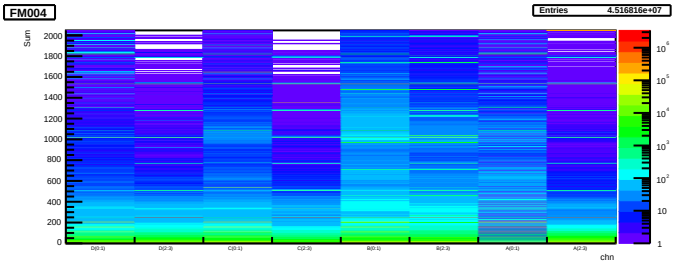

Input to QT2 crate (south-bottom)
Entries 1.492949e+08
ADC
channel

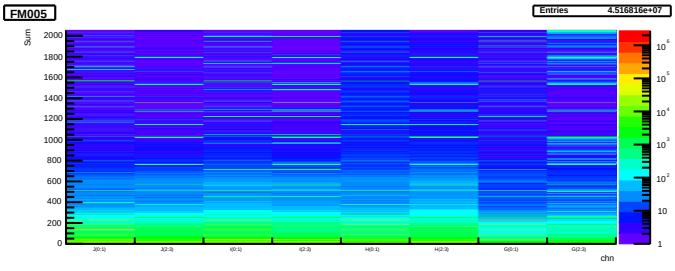

Input to QT4 crate (north-bottom)
Entries 1.013909e+08
ADC
channel

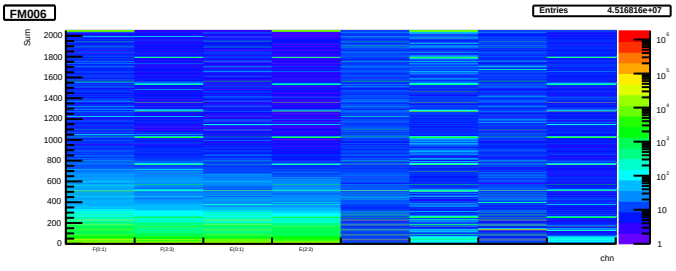

FM001
Entries 4.516816e+07
Sum
chn

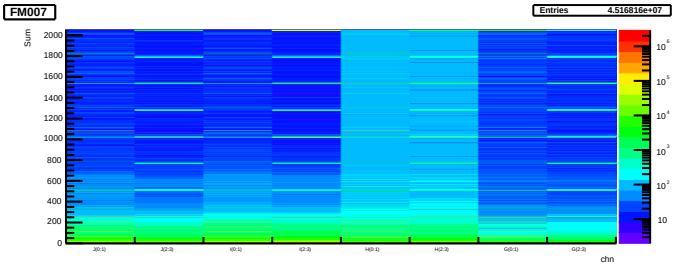

FM002
Entries 4.516816e+07
Sum
chn

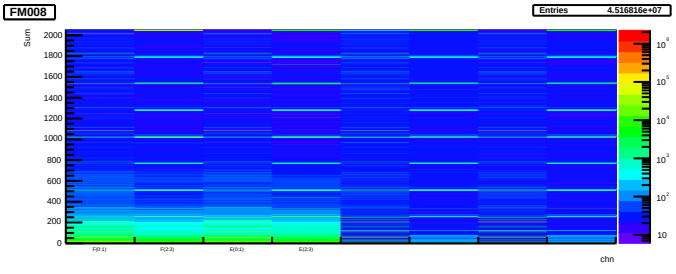

FM003
Entries 4.516816e+07
Sum
chn


FM004
Entries 4.516816e+07
Sum
chn


FM005
Entries 4.516816e+07
Sum
chn


FM006
Entries 4.516816e+07
Sum
chn


FM007
Entries 4.516816e+07
Sum
chn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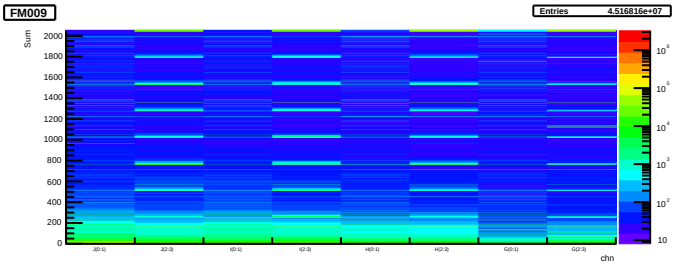
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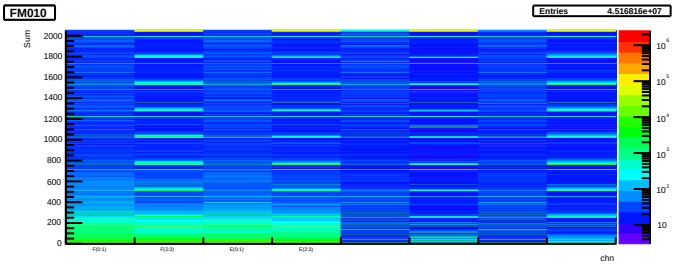
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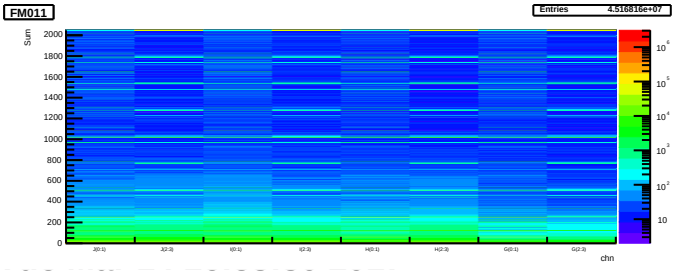
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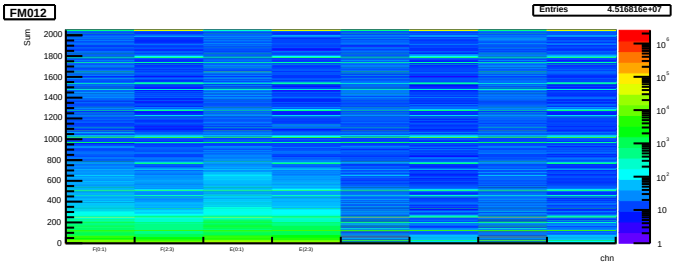
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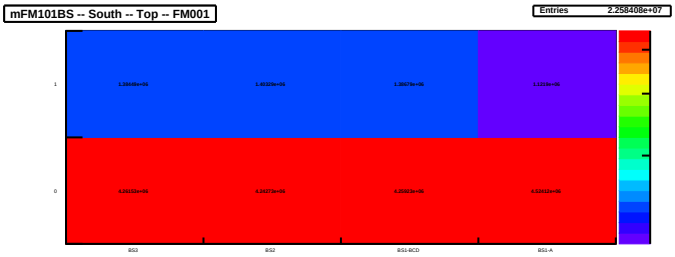
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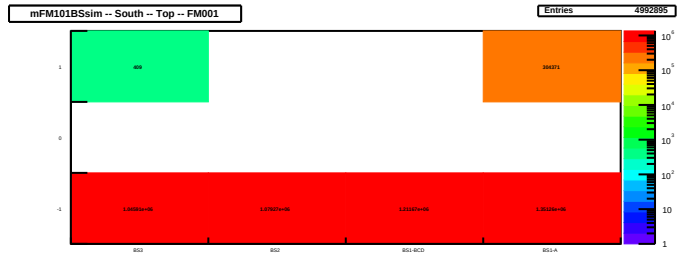
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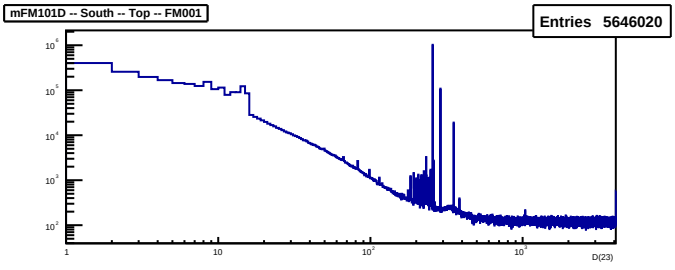
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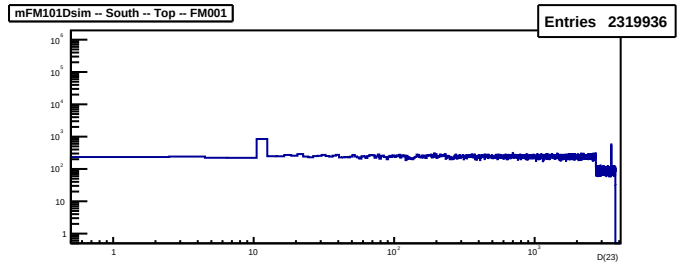
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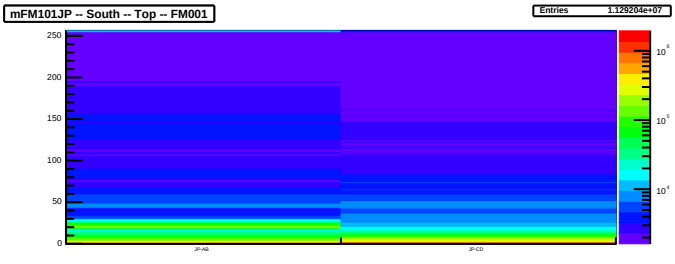
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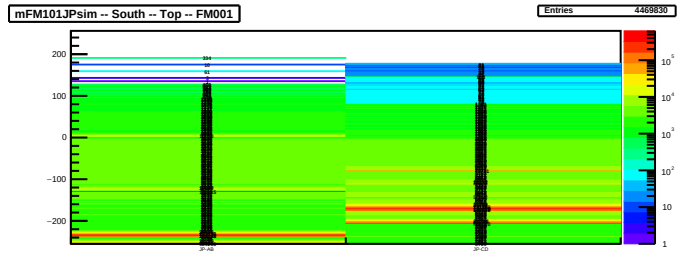
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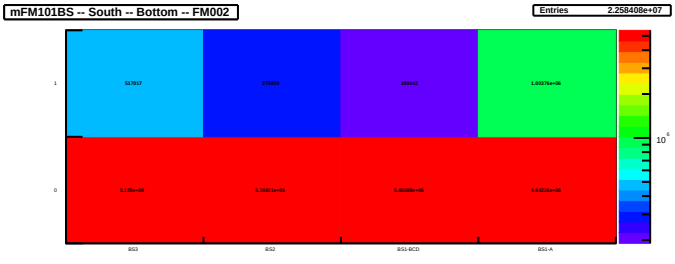
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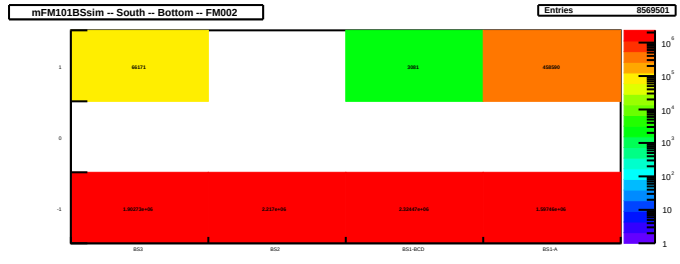
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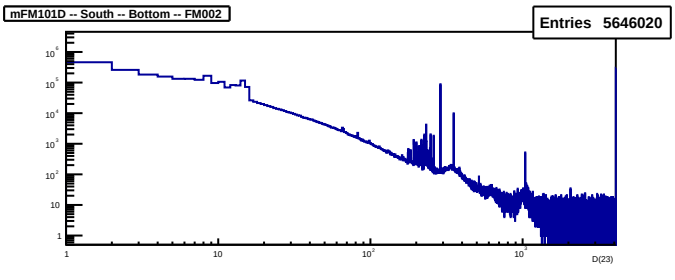
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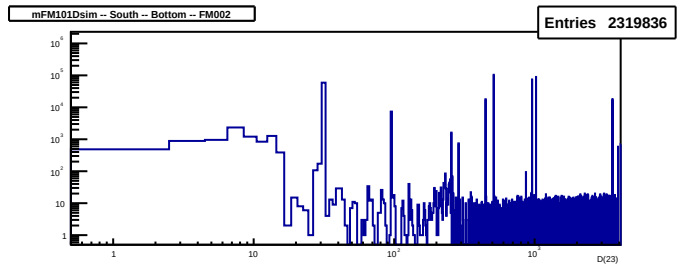
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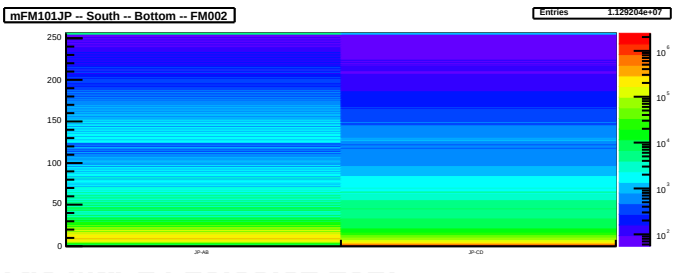
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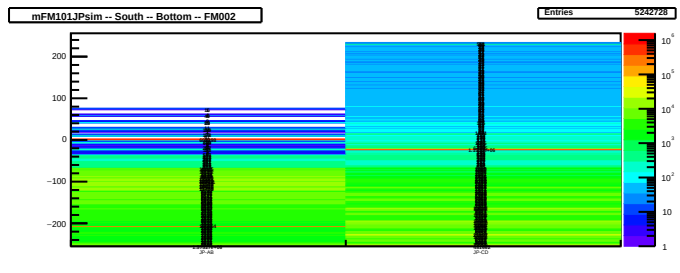
Entries 1.129204e+07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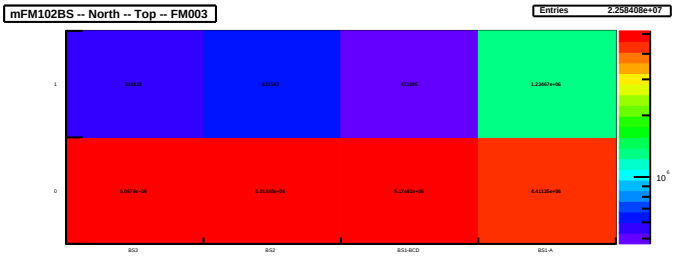
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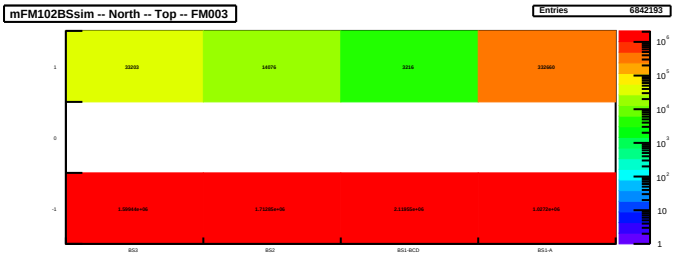
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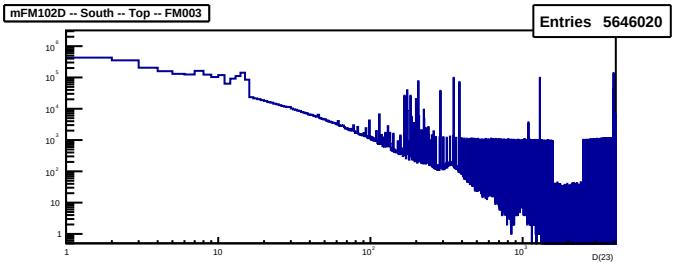
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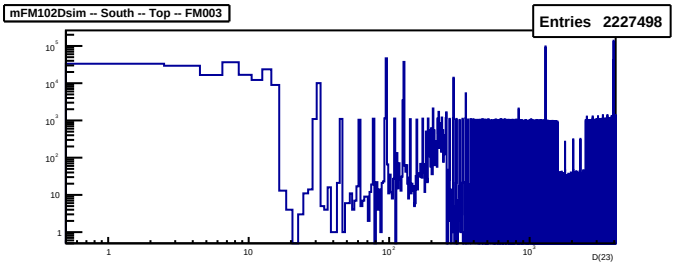
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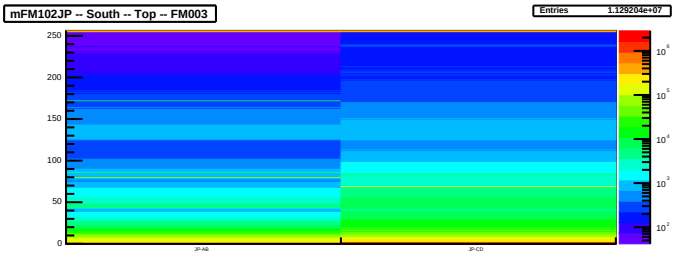
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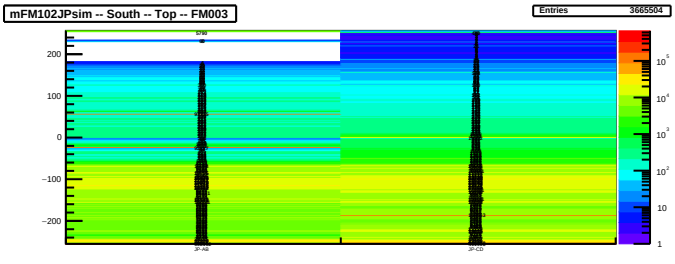
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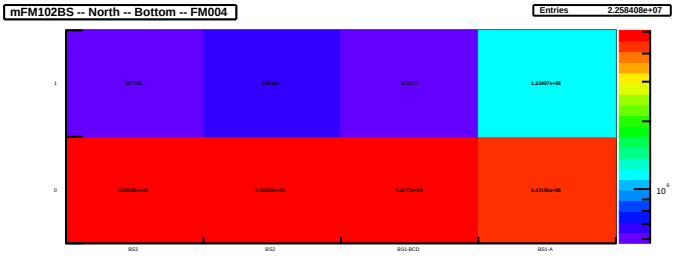
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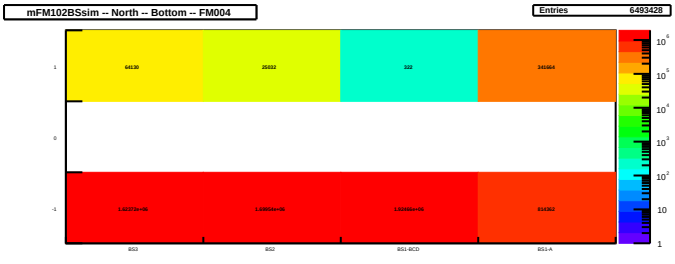
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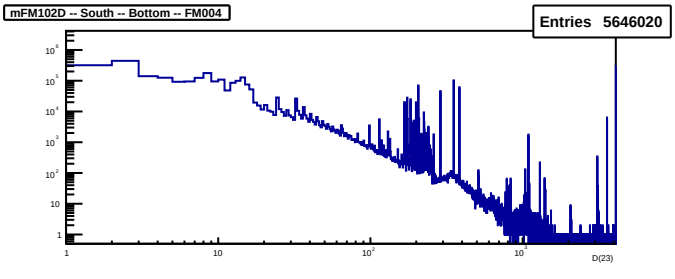
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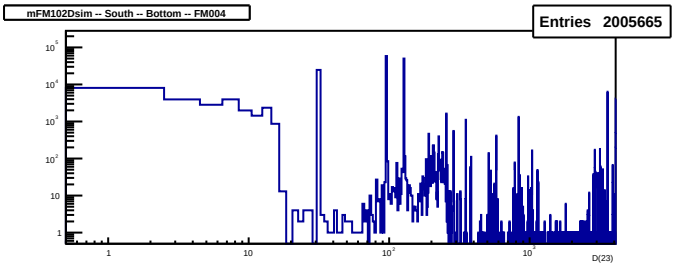
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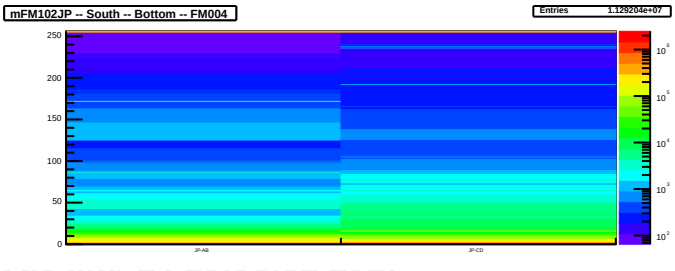
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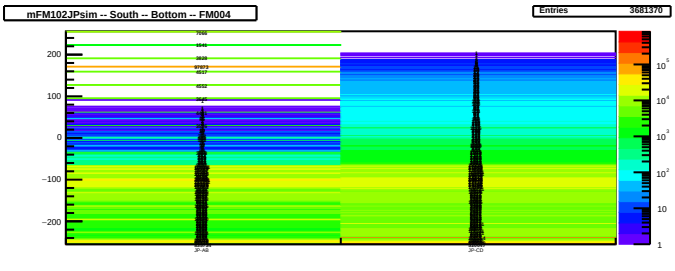
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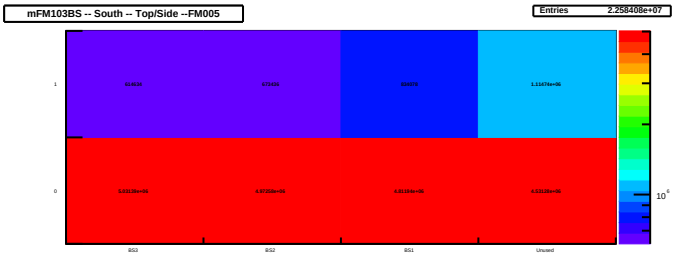
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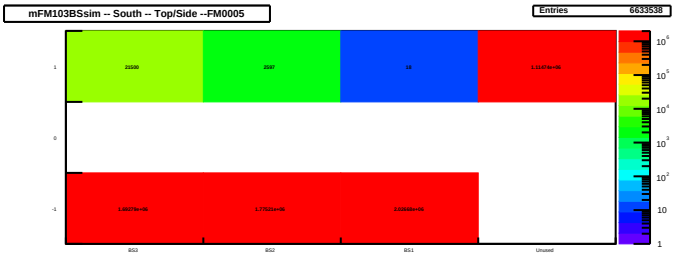
Entries 2.258408e+07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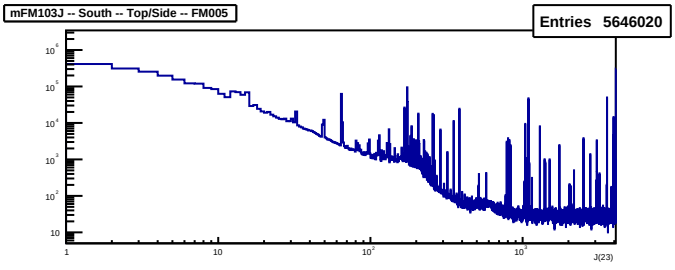
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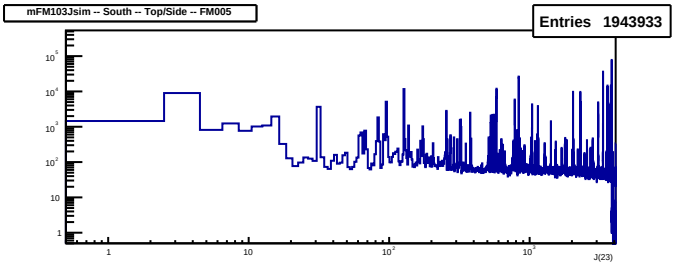
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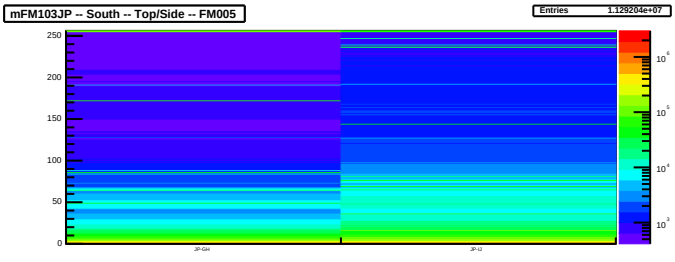
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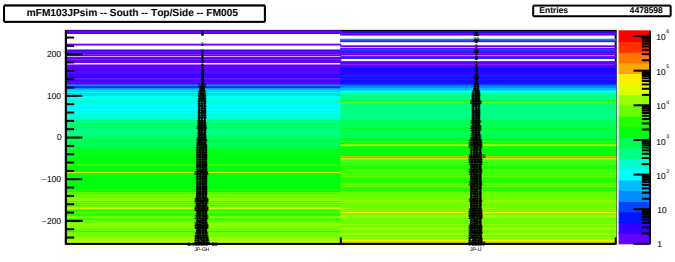
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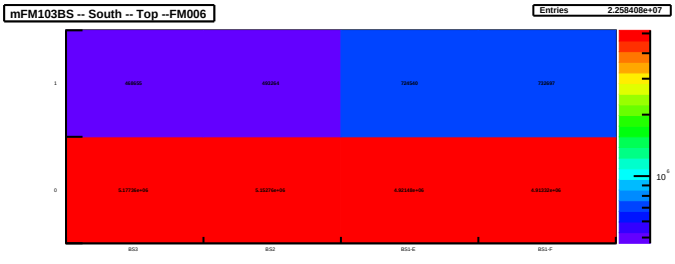
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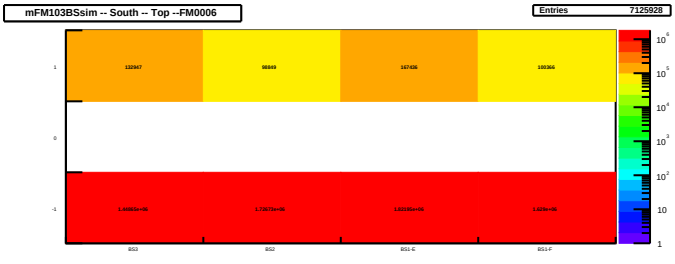
Entries 2.258408e+07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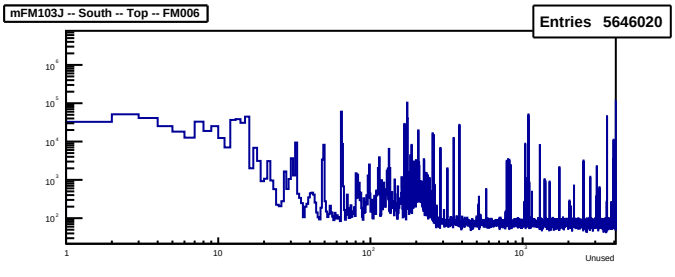
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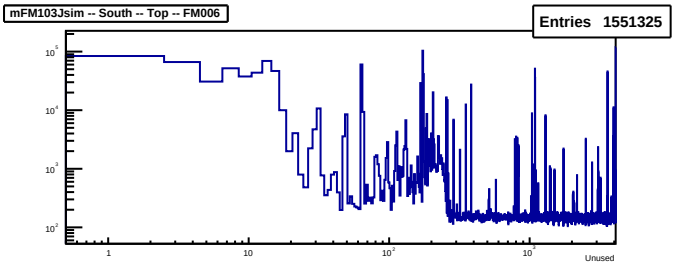
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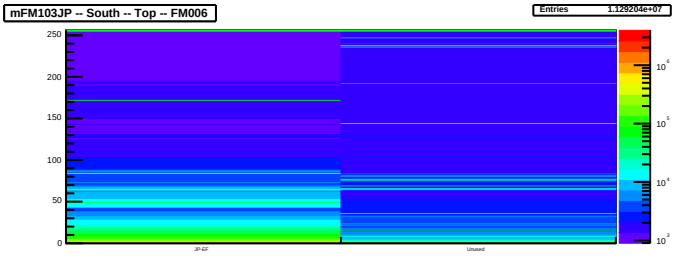
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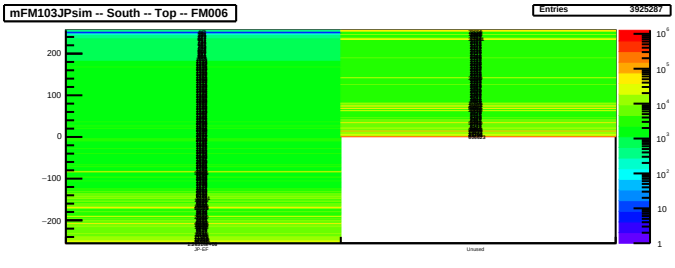
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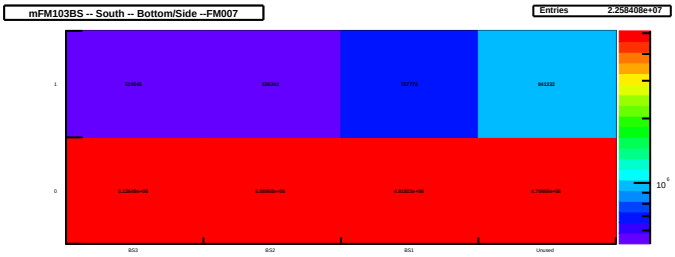
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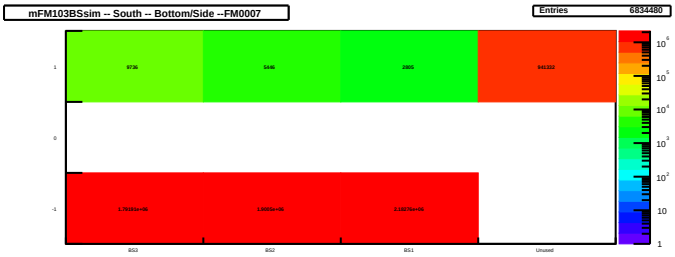
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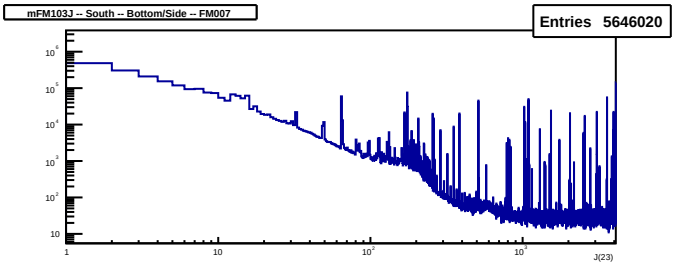
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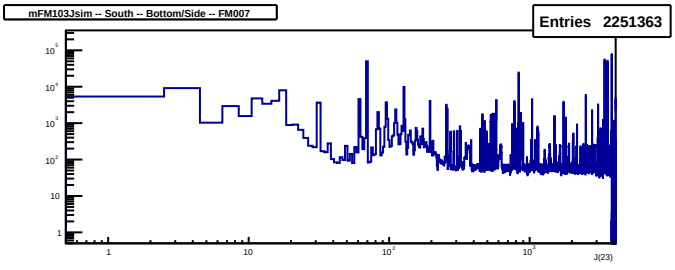
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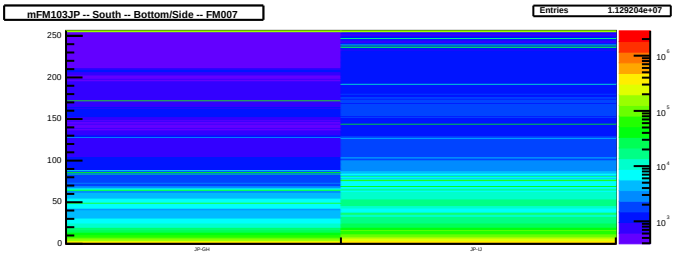
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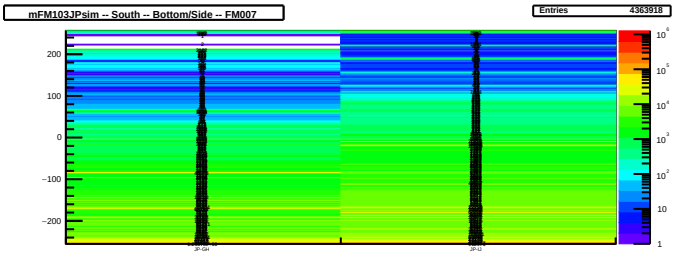
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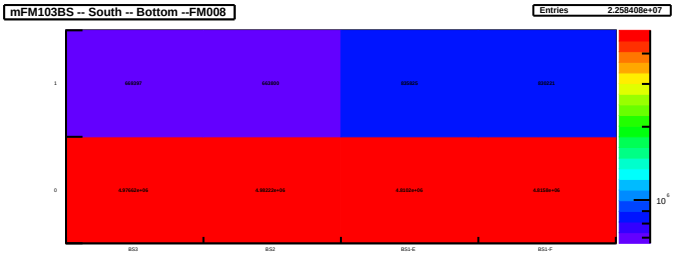
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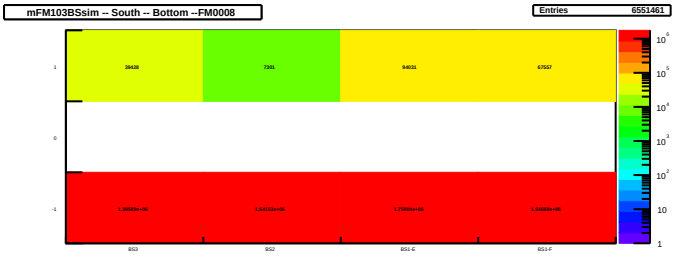
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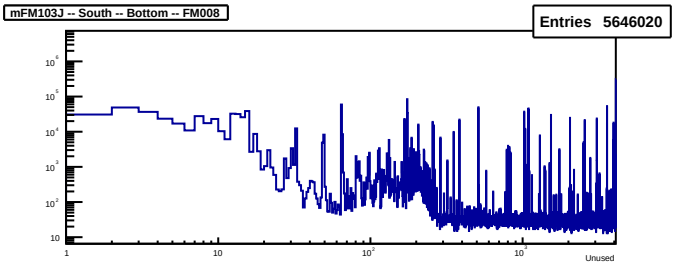
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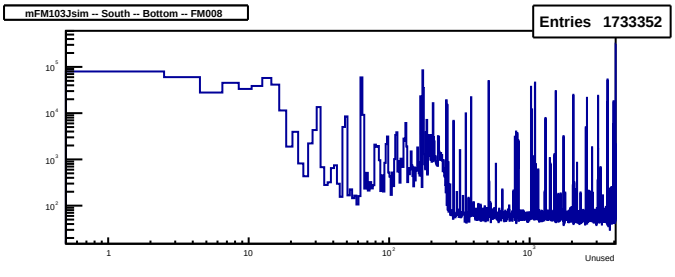
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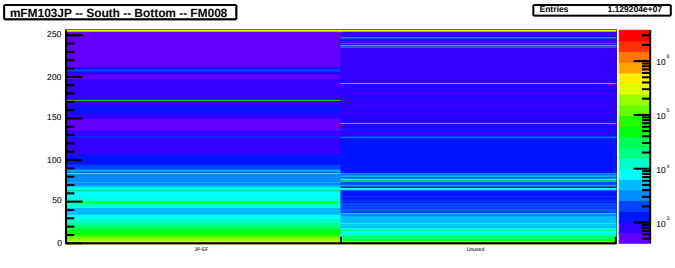
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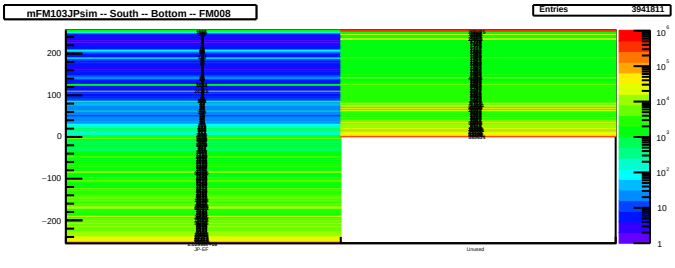
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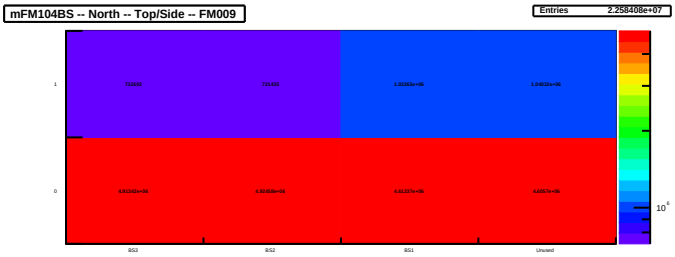
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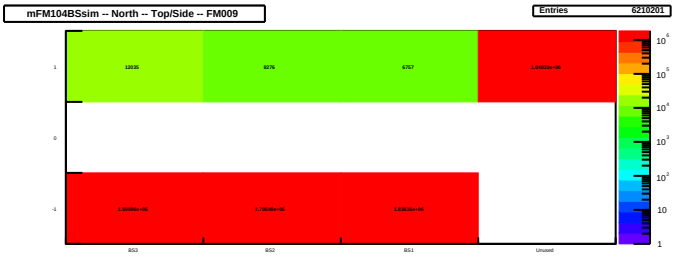
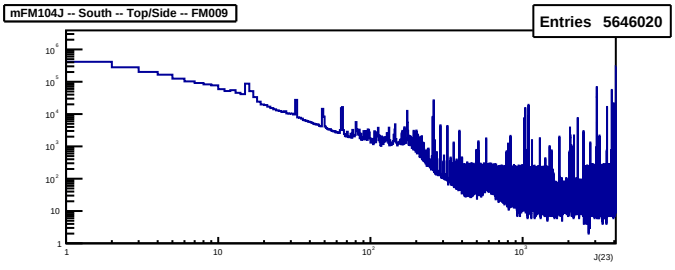
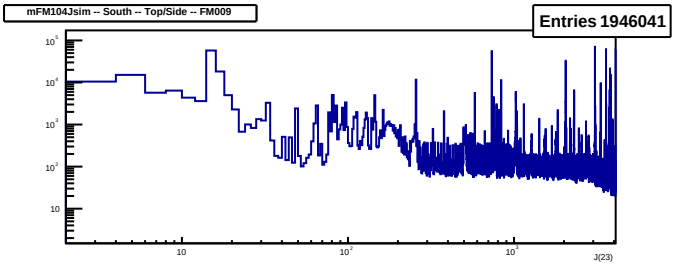
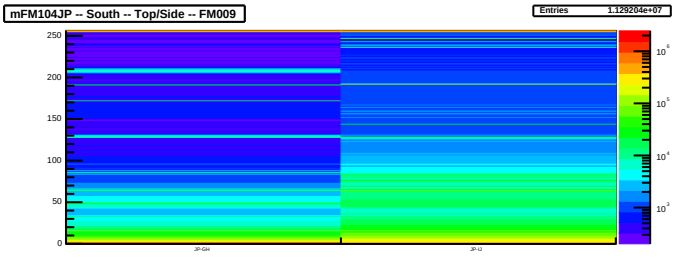
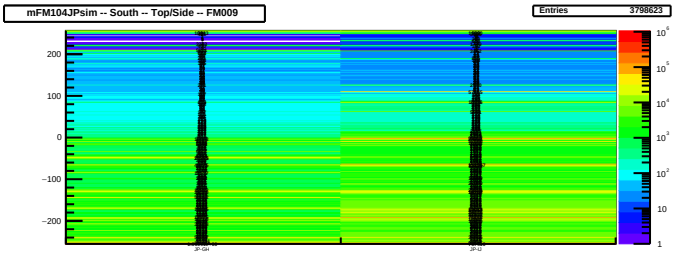
Entries 2.258408e+07
BS3
BS2
BS1
Unused

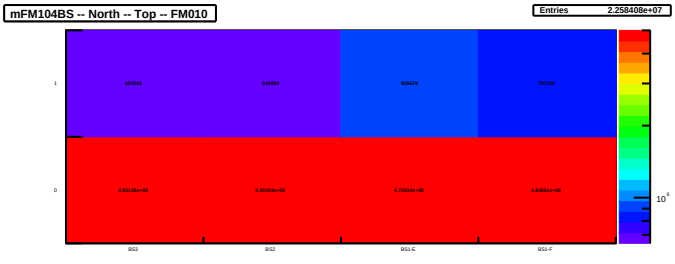

mFM104BSsim -- North -- Top/Side -- FM009
Entries 6210201
BS3
BS2
BS1
Unused

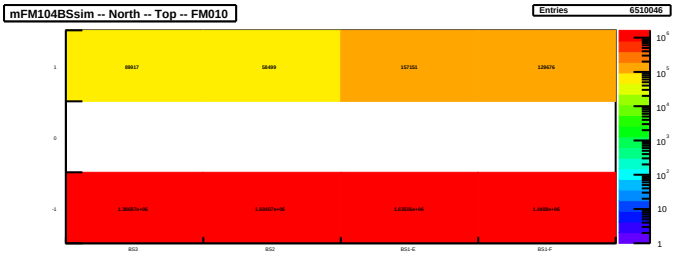

mFM104J -- South -- Top/Side -- FM009
Entries 5646020
J(23)

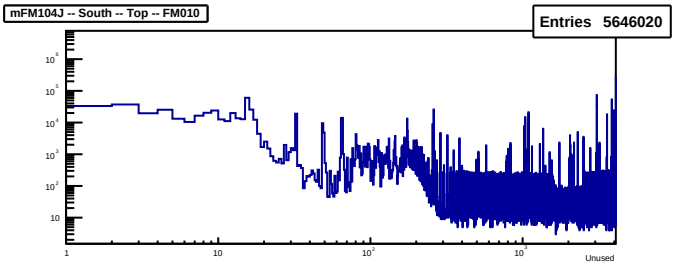

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1946041
J(23)

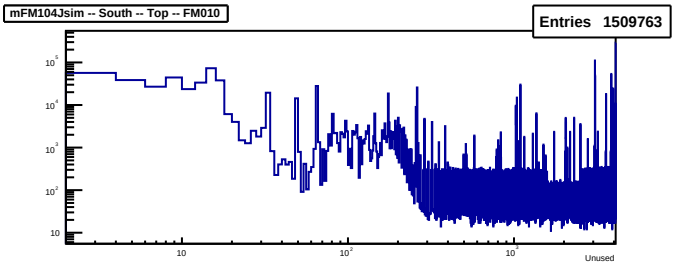

mFM104JP -- South -- Top/Side -- FM009
Entries 1.129204e+07
JP-G4
JP-I2

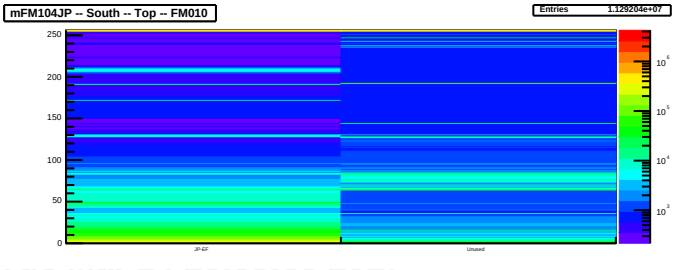

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3798623
JP-G4
JP-I2

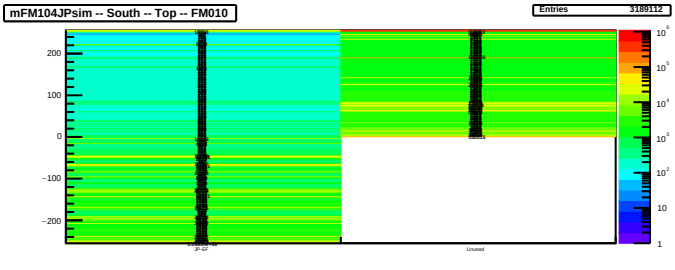

mFM104BS -- North -- Top -- FM010
Entries 2.258408e+07
BS3
BS2
BS1-E
BS1-F

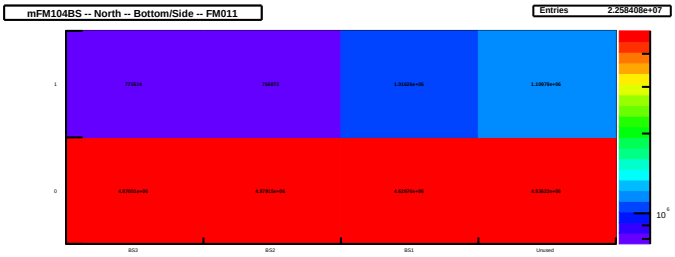

mFM104BSsim -- North -- Top -- FM010
Entries 6510046
BS3
BS2
BS1-E
BS1-F

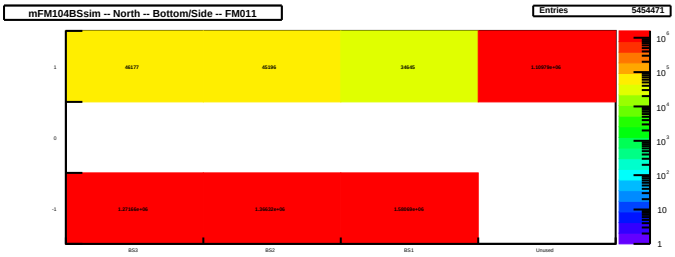

mFM104J -- South -- Top -- FM010
Entries 5646020
Unused

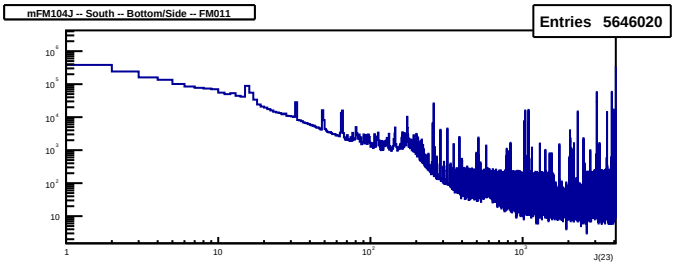

mFM104Jsim -- South -- Top -- FM010
Entries 1509763
Unused

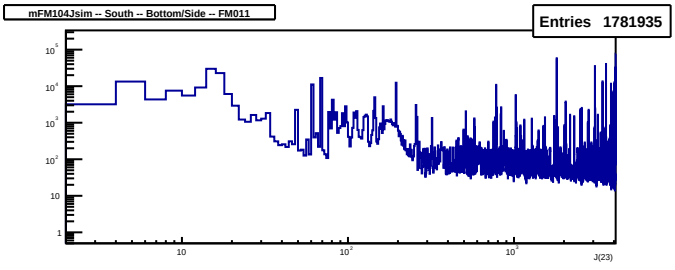

mFM104JP -- South -- Top -- FM010
Entries 1.129204e+07
JP-E2
Unused

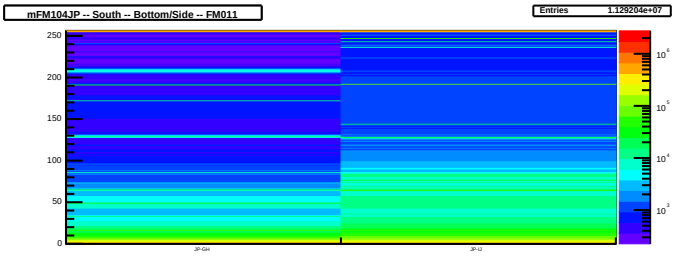

mFM104JPsim -- South -- Top -- FM010
Entries 3189112
JP-E2
Unused

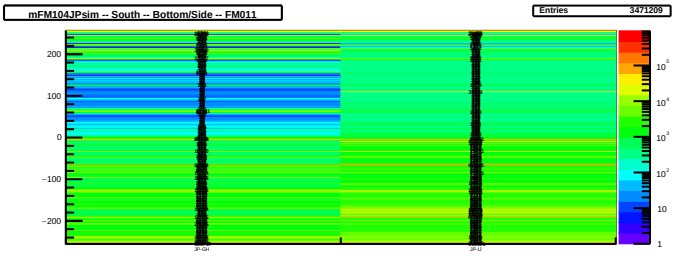

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.258408e+07

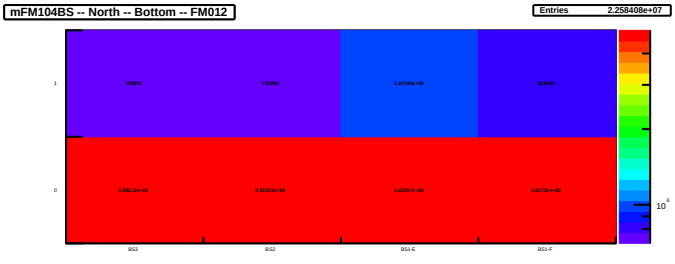

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5454471

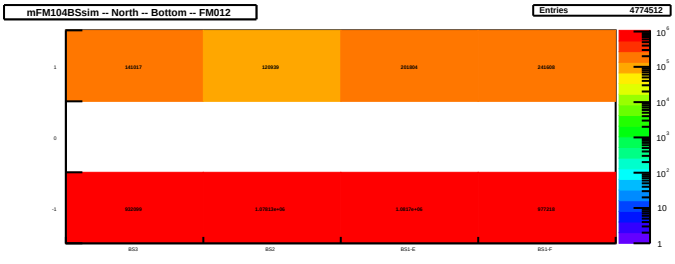

mFM104J -- South -- Bottom/Side -- FM011
Entries 5646020
J(23)

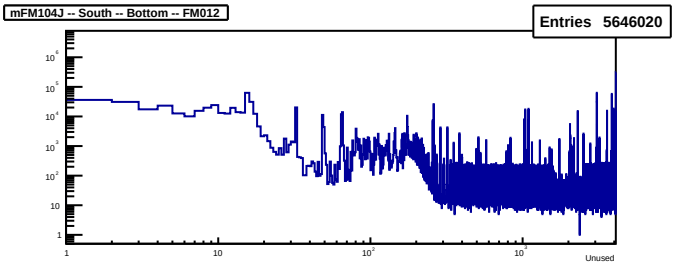

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1781935
J(23)

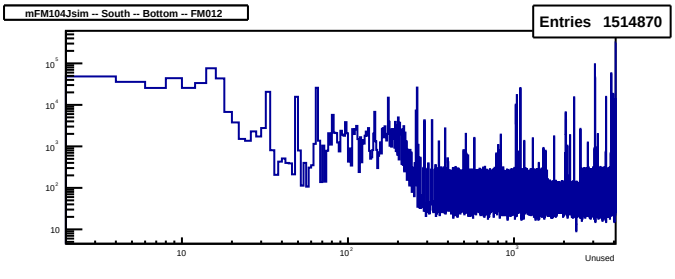

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.129204e+07

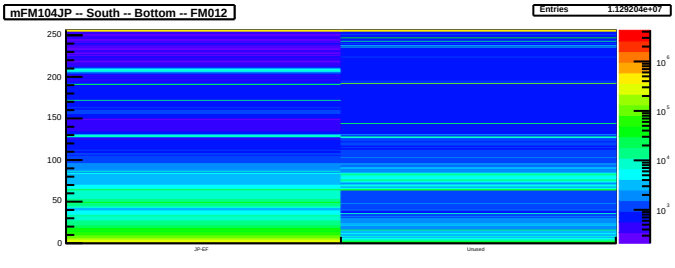

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3471209

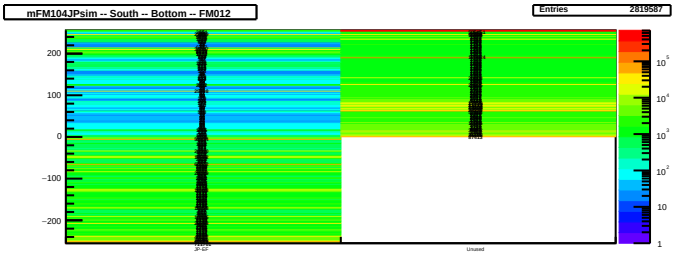

mFM104BS -- North -- Bottom -- FM012
Entries 2.258408e+07

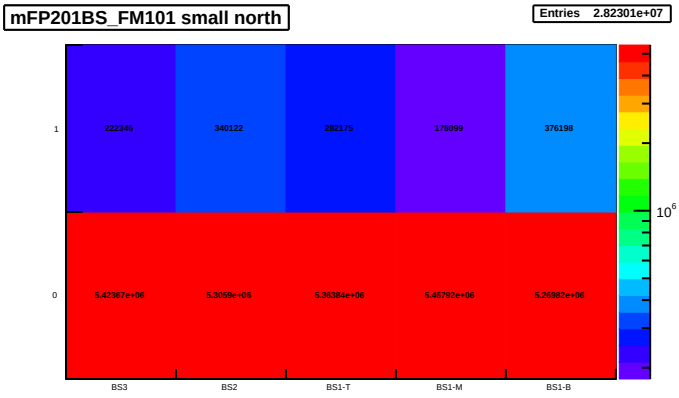

mFM104BSsim -- North -- Bottom -- FM012
Entries 4774512

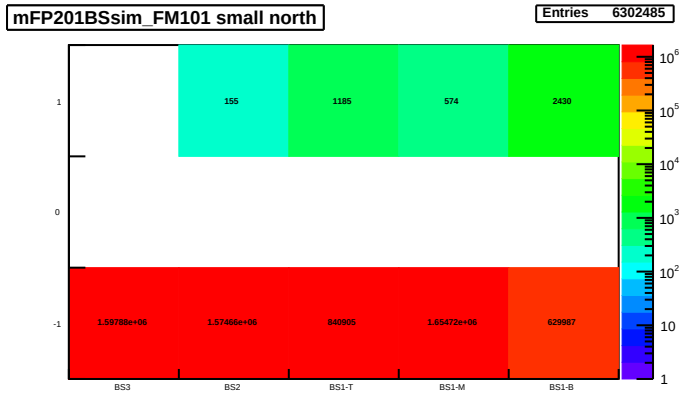

mFM104J -- South -- Bottom -- FM012
Entries 5646020
Unused

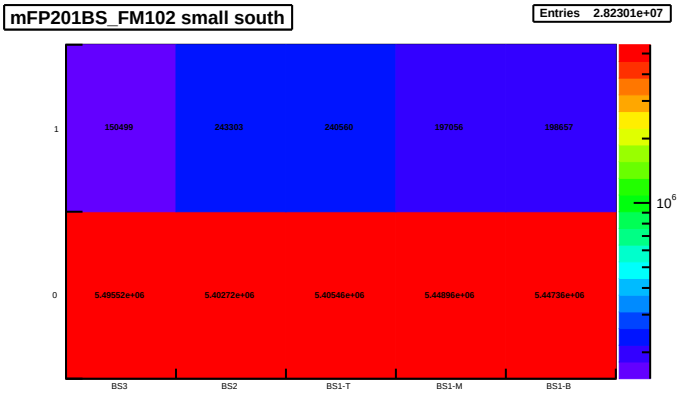

mFM104Jsim -- South -- Bottom -- FM012
Entries 1514870
Unused

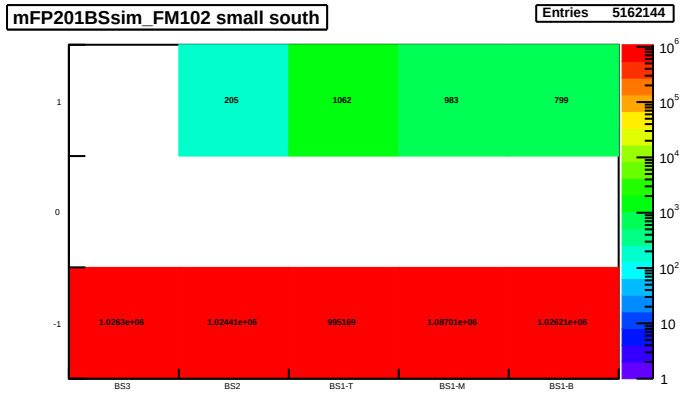

mFM104JP -- South -- Bottom -- FM012
Entries 1.129204e+07

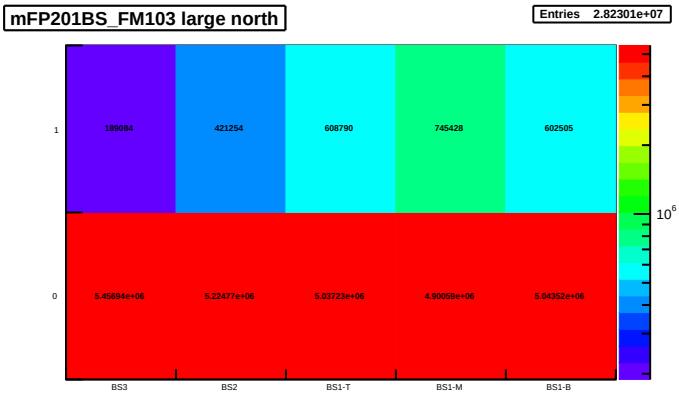

mFM104JPsim -- South -- Bottom -- FM012
Entries 2819587

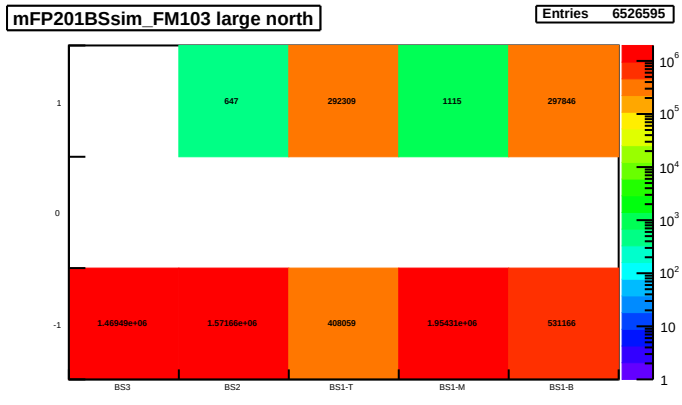

mFP201BS_FM101 small north
Entries 2.82301e+07
222346
340122
282175
178099
376198
5.42367e+06
5.3059e+06
5.36384e+06
5.46792e+06
5.26982e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

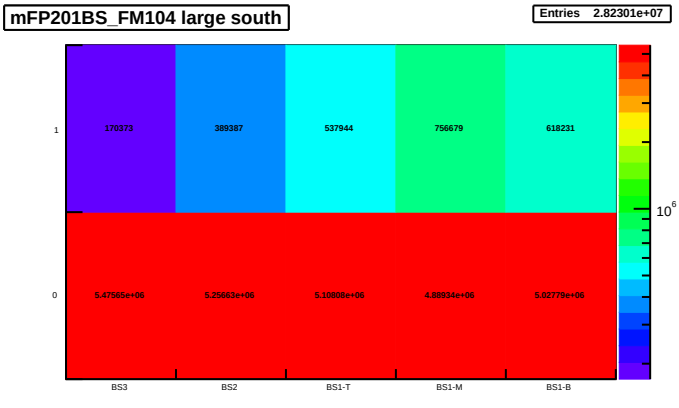

mFP201BSsim_FM101 small north
Entries 6302485
155
1185
574
2430
1.59788e+06
1.57466e+06
840905
1.65472e+06
629987
BS3
BS2
BS1-T
BS1-M
BS1-B

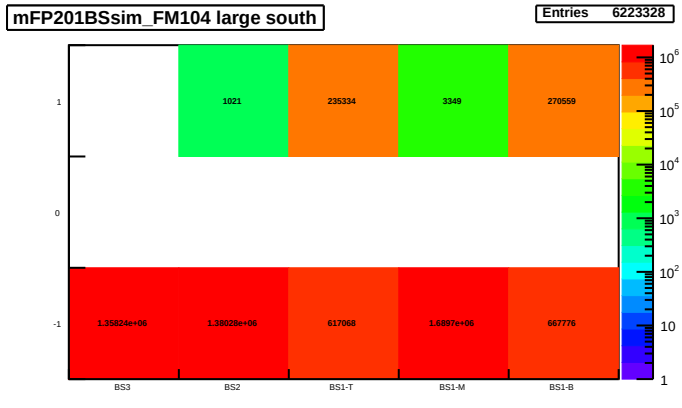

mFP201BS_FM102 small south
Entries 2.82301e+07
150499
243303
240560
197056
198657
5.49552e+06
5.40272e+06
5.40546e+06
5.44896e+06
5.44736e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

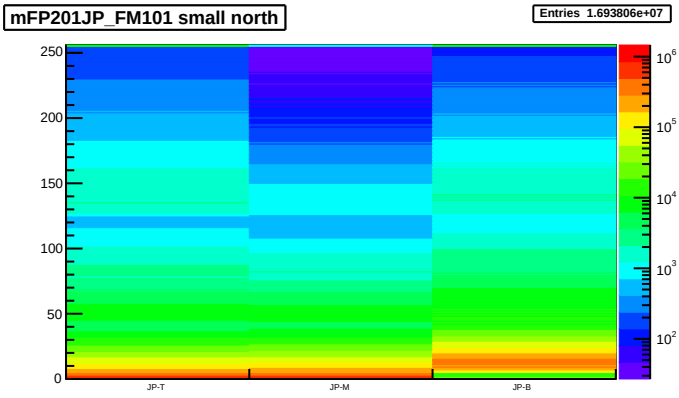

mFP201BSsim_FM102 small south
Entries 5162144
205
1062
983
799
1.0263e+06
1.02441e+06
995169
1.08701e+06
1.02621e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

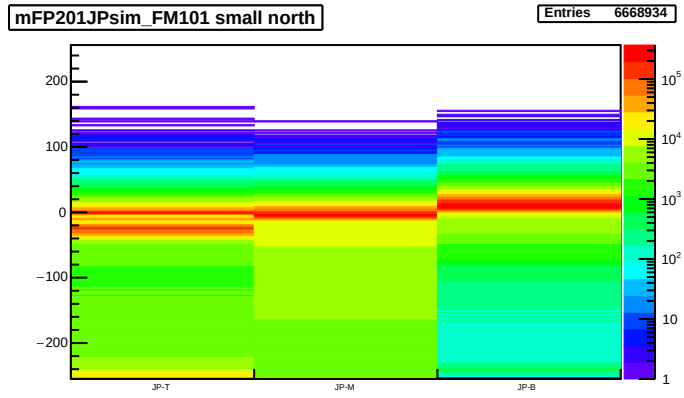

mFP201BS_FM103 large north
Entries 2.82301e+07
189084
421254
608790
745428
602505
5.45694e+06
5.22477e+06
5.03723e+06
4.90059e+06
5.04352e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

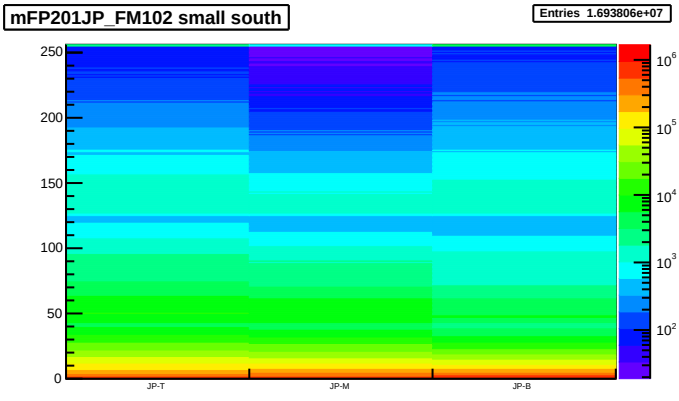

mFP201BSsim_FM103 large north
Entries 6526595
647
292309
1115
297846
1.46949e+06
1.57166e+06
408059
1.95431e+06
531166
BS3
BS2
BS1-T
BS1-M
BS1-B

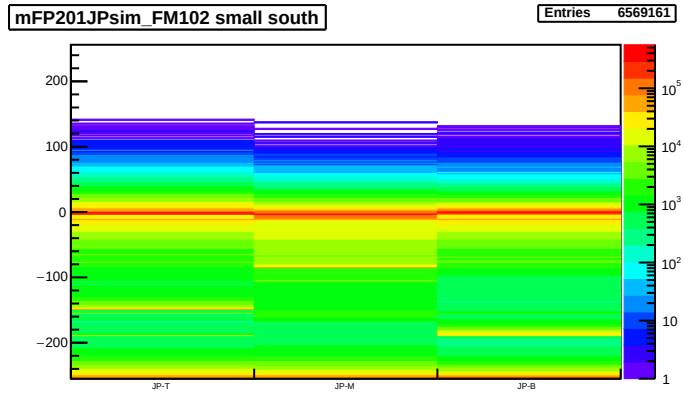

mFP201BS_FM104 large south
Entries 2.82301e+07
170373
389387
537944
756679
618231
5.47565e+06
5.25663e+06
5.10808e+06
4.88934e+06
5.02779e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

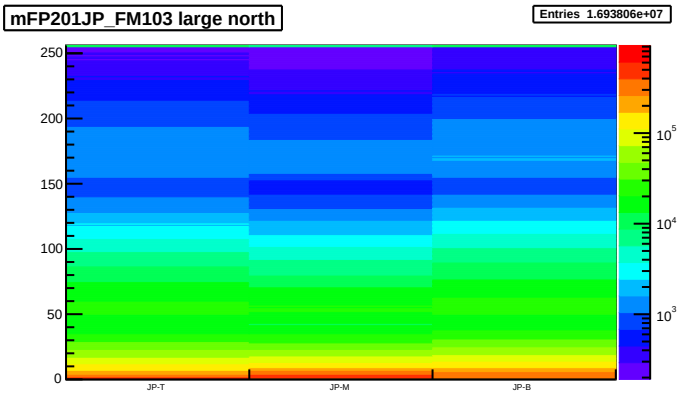

mFP201BSsim_FM104 large south
Entries 6223328
1021
235334
3349
270559
1.35824e+06
1.38028e+06
617068
1.6897e+06
667776
BS3
BS2
BS1-T
BS1-M
BS1-B

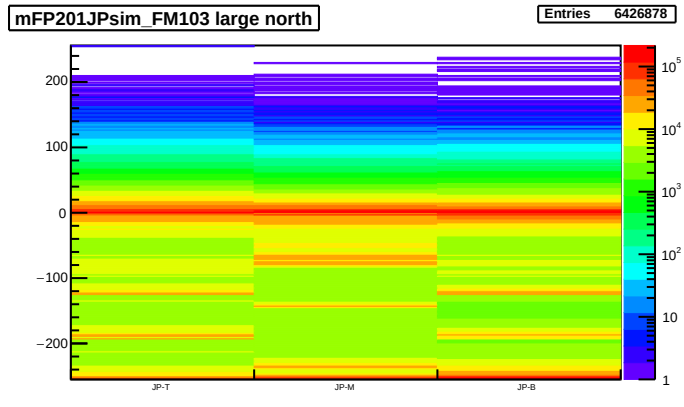

mFP201JP_FM101 small north
Entries 1.693806e+07
JP-T
JP-M
JP-B

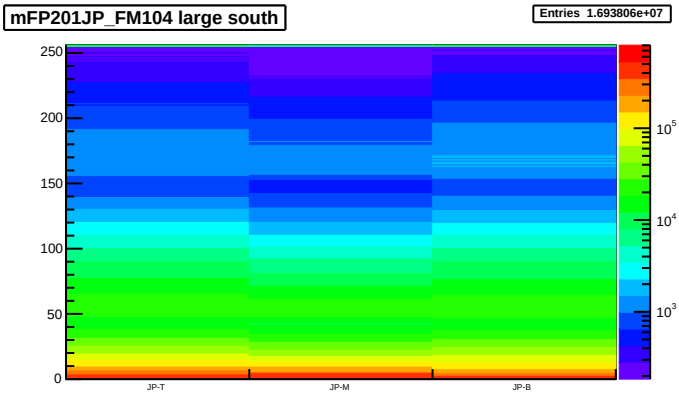

mFP201JPsim_FM101 small north
Entries 6668934
JP-T
JP-M
JP-B

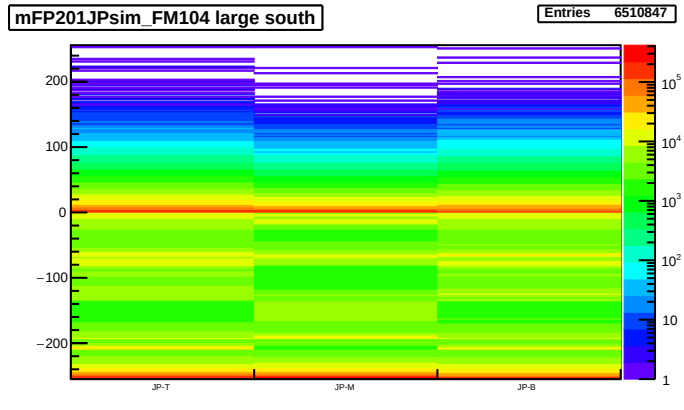

mFP201JP_FM102 small south
Entries 1.693806e+07
JP-T
JP-M
JP-B

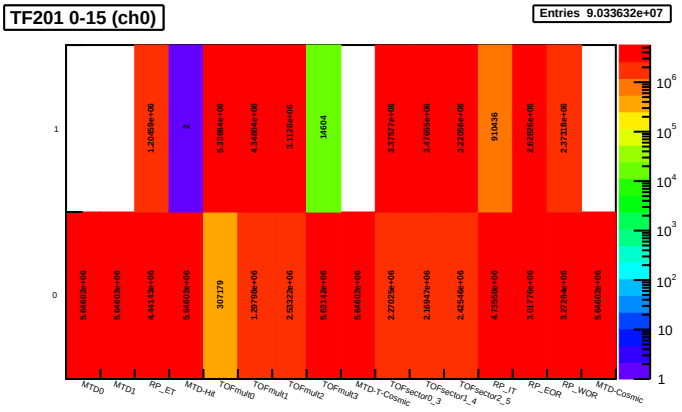

mFP201JPsim_FM102 small south
Entries 6569161
JP-T
JP-M
JP-B

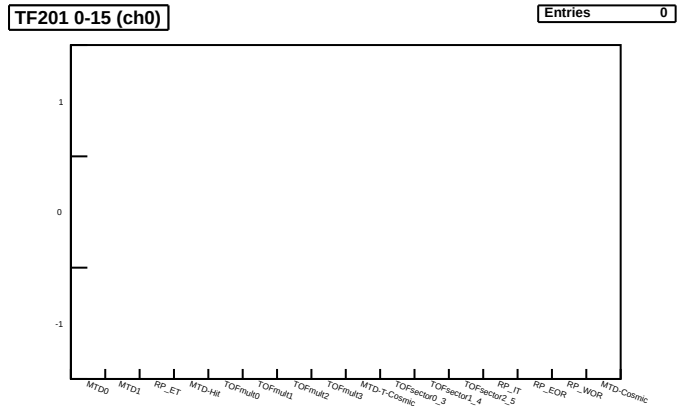

mFP201JP_FM103 large north
Entries 1.693806e+07
JP-T
JP-M
JP-B

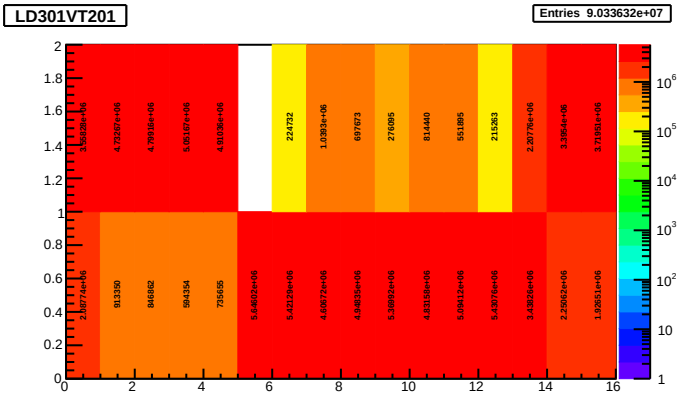

mFP201JPsim_FM103 large north
Entries 6426878
JP-T
JP-M
JP-B

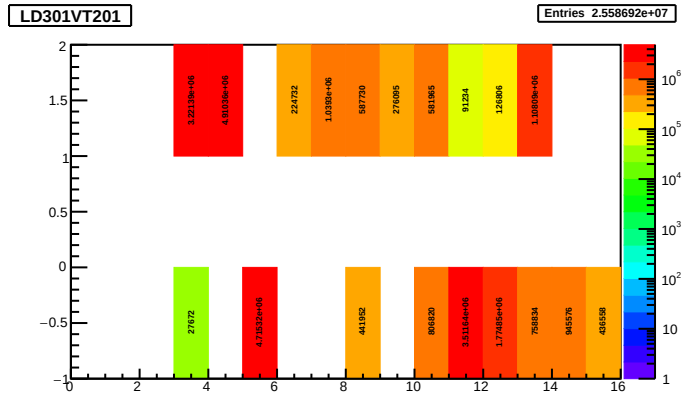

mFP201JP_FM104 large south
Entries 1.693806e+07
JP-T
JP-M
JP-B

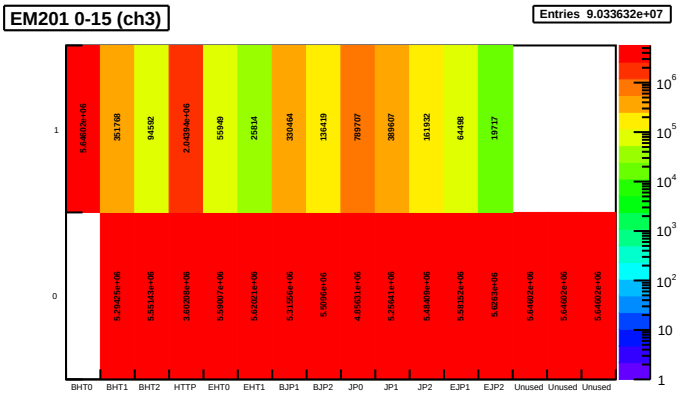

mFP201JPsim_FM104 large south
Entries 6510847
JP-T
JP-M
JP-B

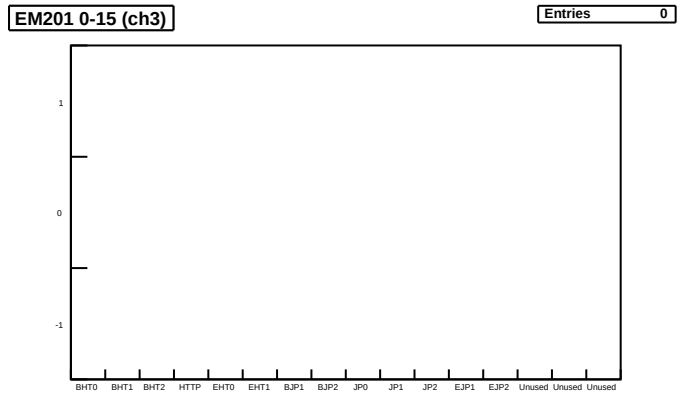

TF201 0-15 (ch0)
Entries 9.033632e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 9.033632e+07


LD301VT201
Entries 2.558692e+07


EM201 0-15 (ch3)
Entries 9.033632e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
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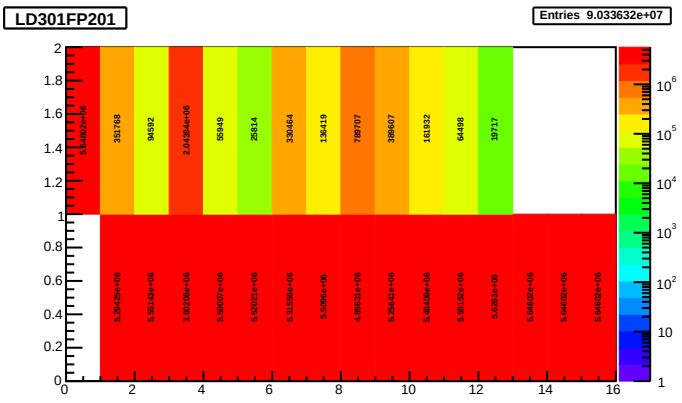
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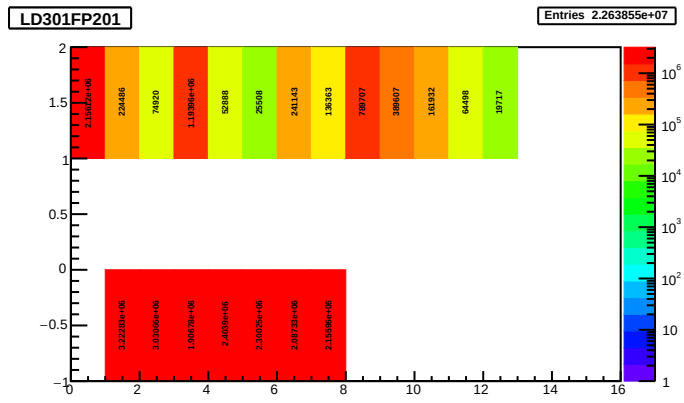
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