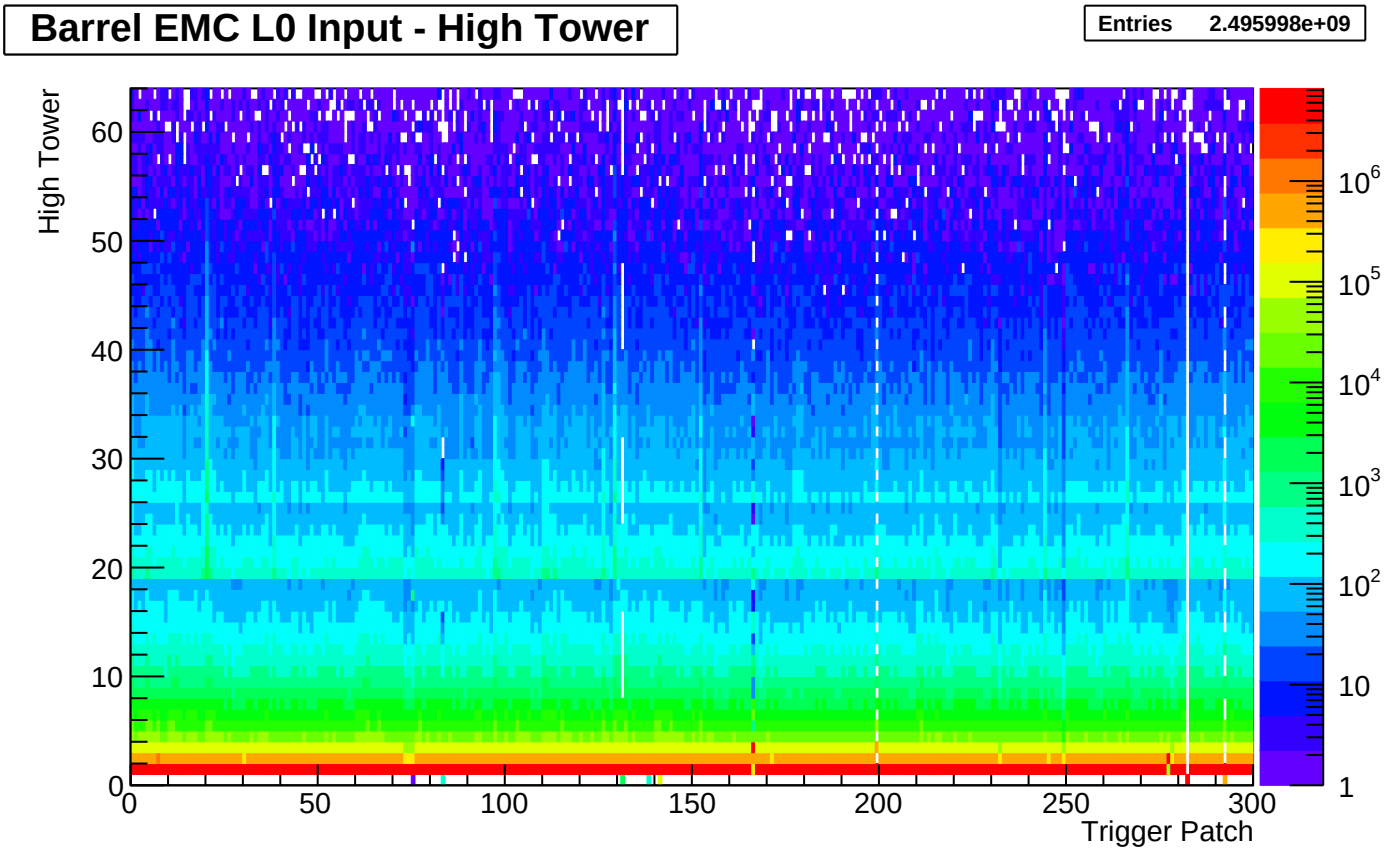
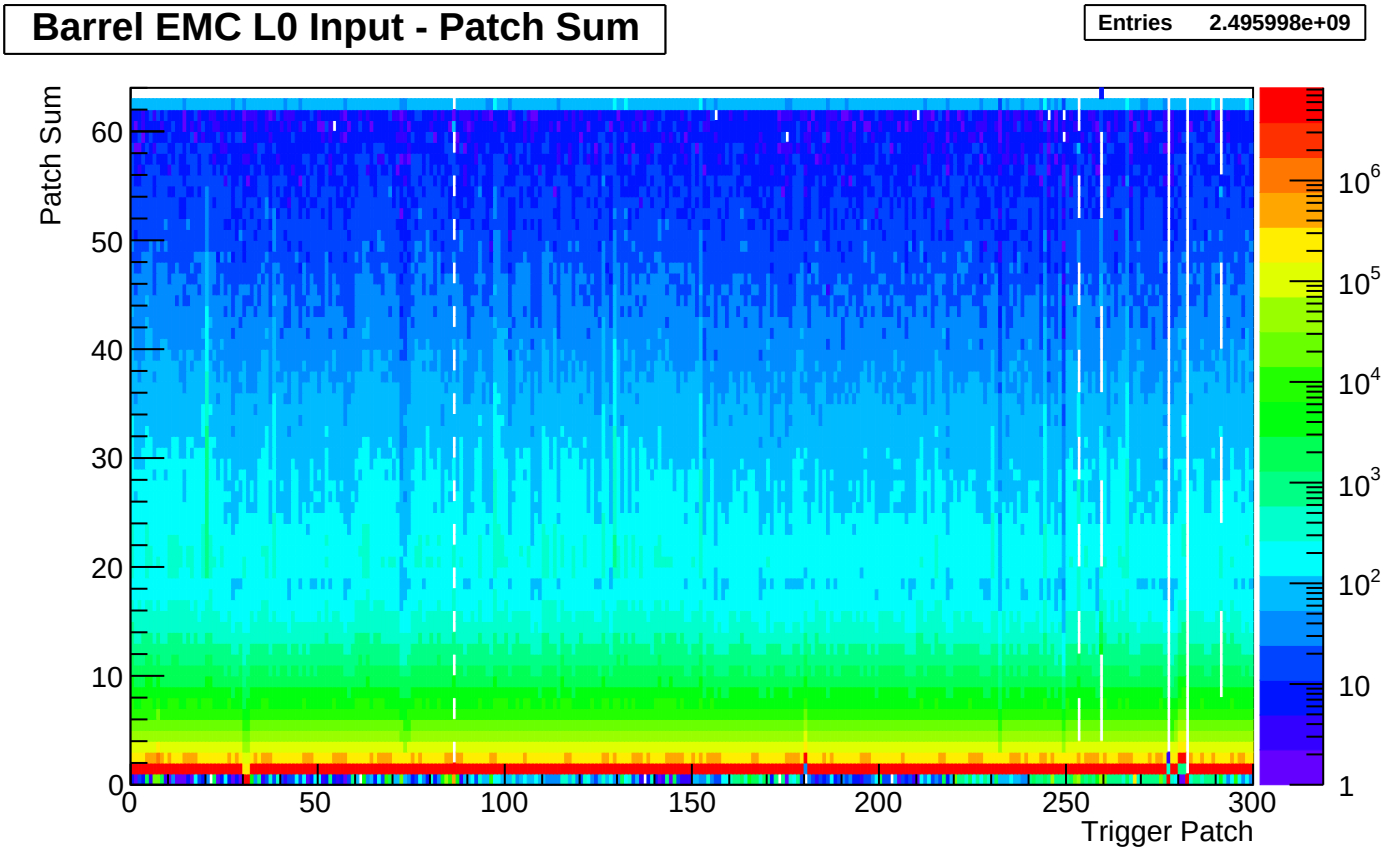
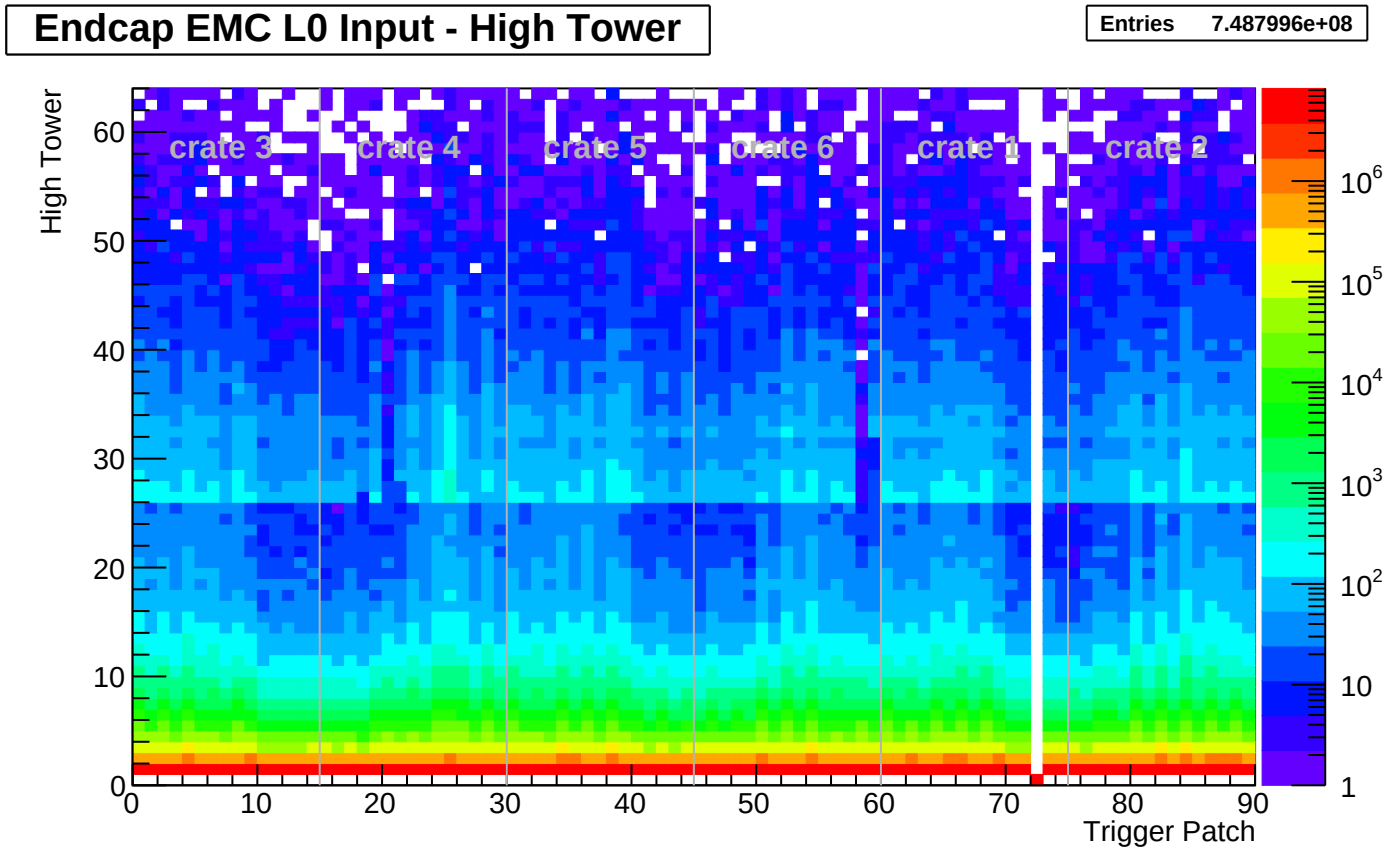
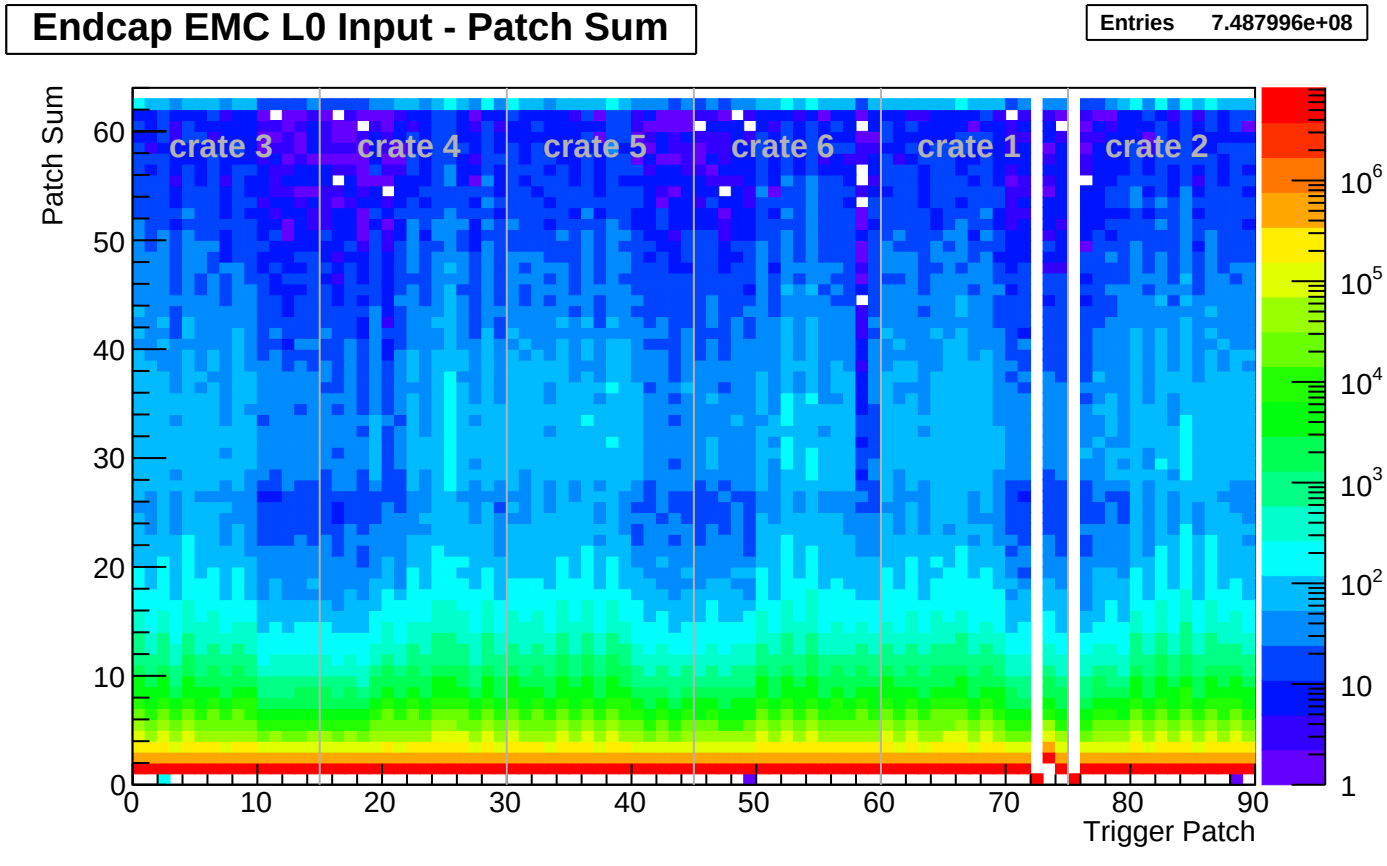
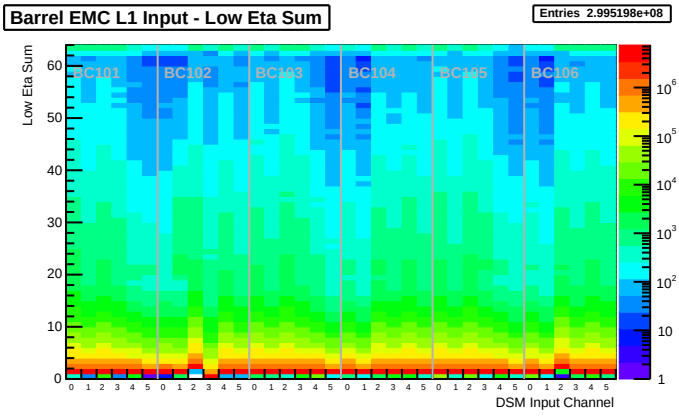
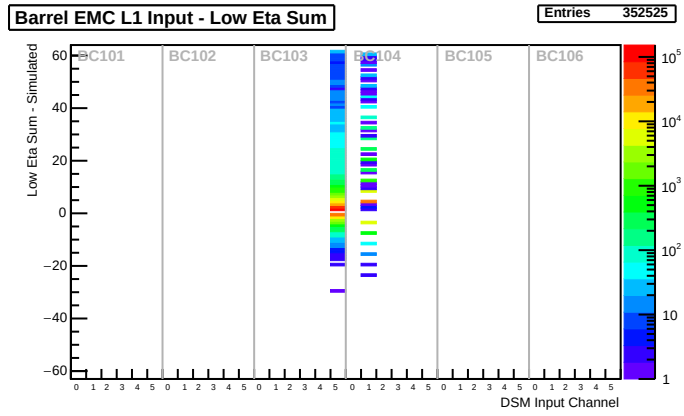

Barrel EMC L0 Input - High Tower
Entries 2.495998e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

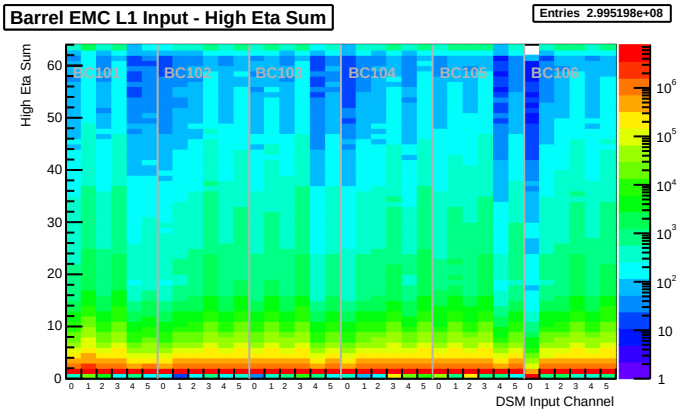

Barrel EMC L0 Input - Patch Sum
Entries 2.495998e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

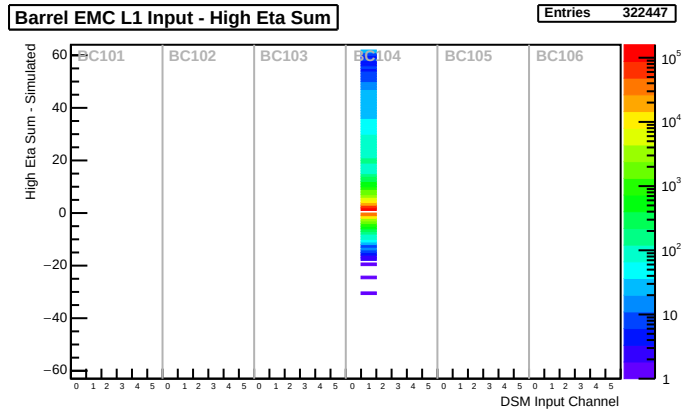

Endcap EMC L0 Input - High Tower
Entries 7.487996e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

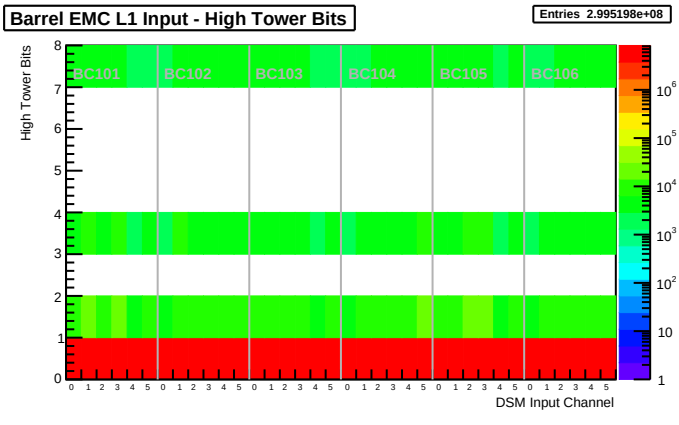

Endcap EMC L0 Input - Patch Sum
Entries 7.487996e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

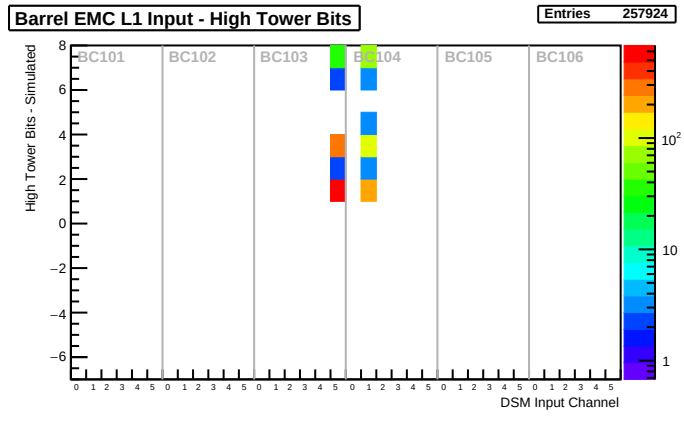

Barrel EMC L1 Input - Low Eta Sum
Entries 2.995198e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

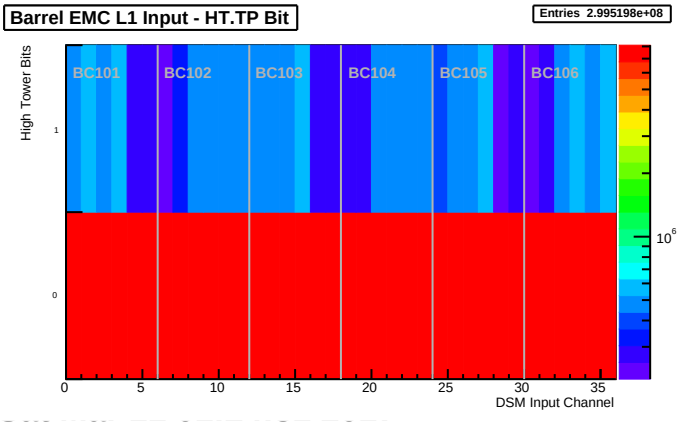

Barrel EMC L1 Input - Low Eta Sum
Entries 352525
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

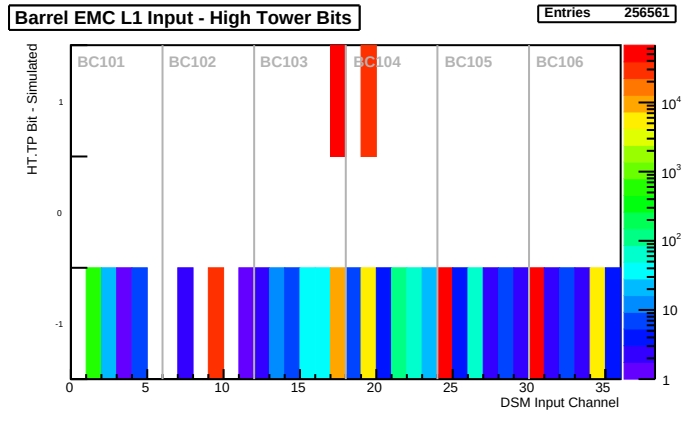

Barrel EMC L1 Input - High Eta Sum
Entries 2.995198e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

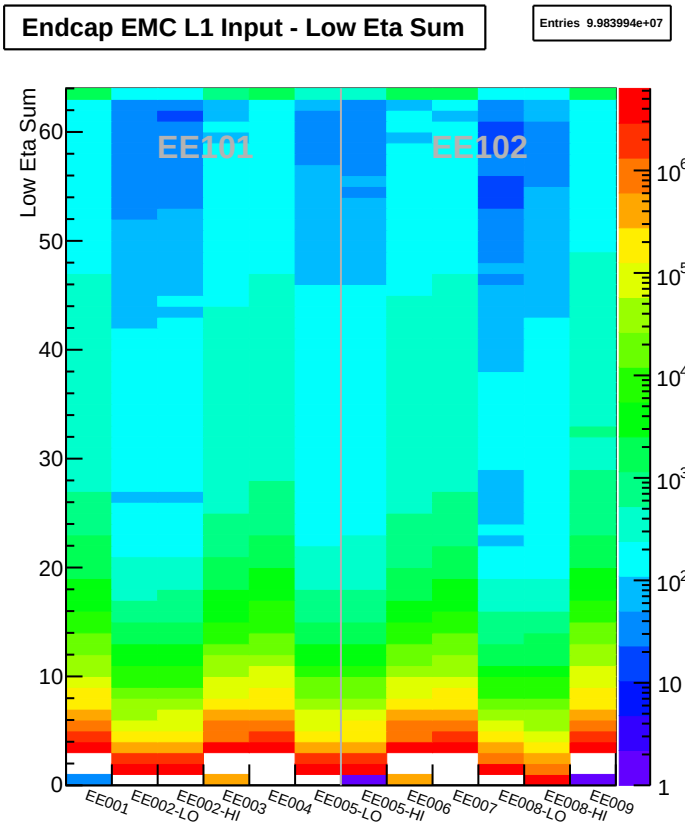

Barrel EMC L1 Input - High Eta Sum
Entries 322447
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

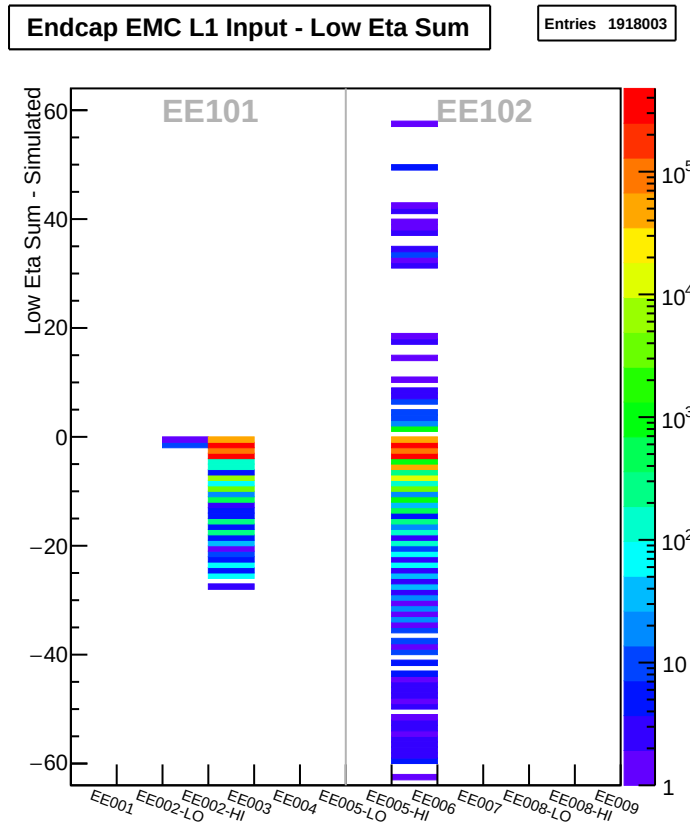

Barrel EMC L1 Input - High Tower Bits
Entries 2.995198e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

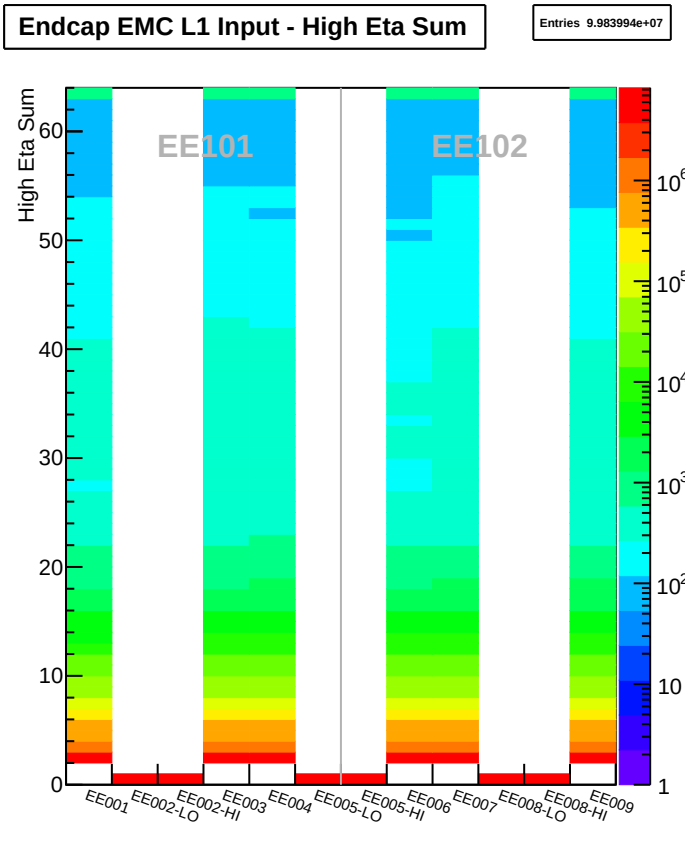

Barrel EMC L1 Input - High Tower Bits
Entries 257924
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

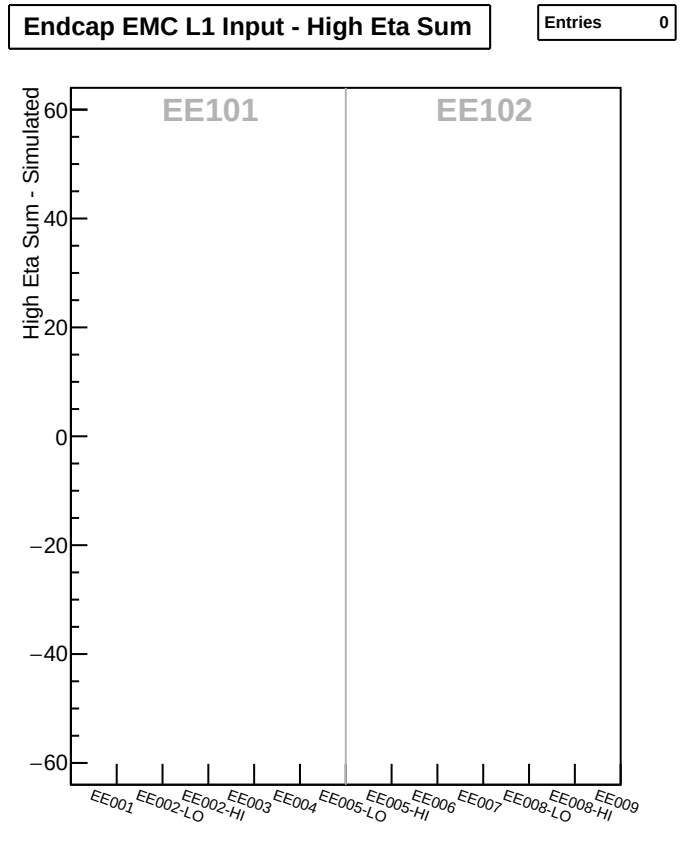

Barrel EMC L1 Input - HT.TP Bit
Entries 2.995198e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

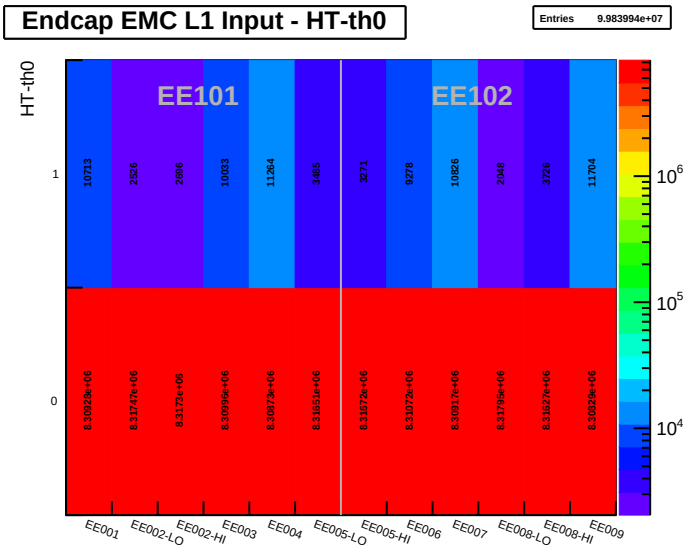

Barrel EMC L1 Input - High Tower Bits
Entries 256561
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

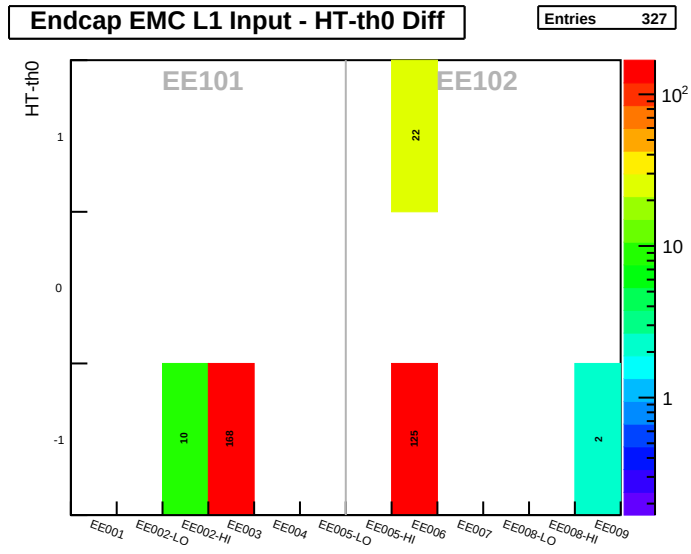

Endcap EMC L1 Input - Low Eta Sum
Entries 9.983994e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

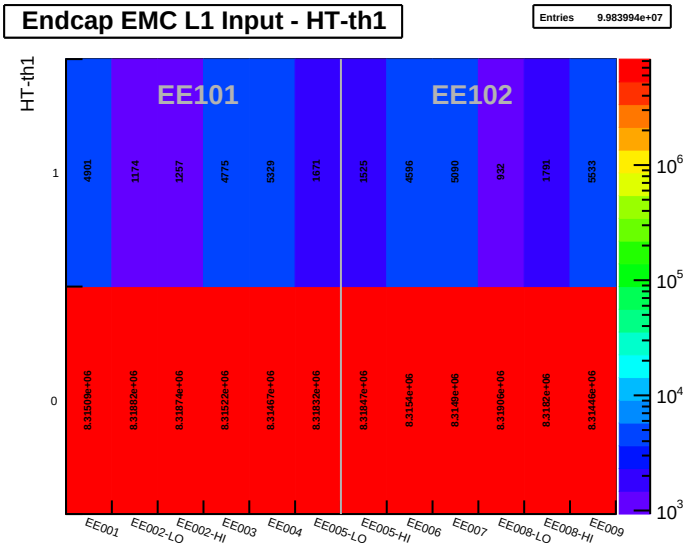

Endcap EMC L1 Input - Low Eta Sum
Entries 1918003
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

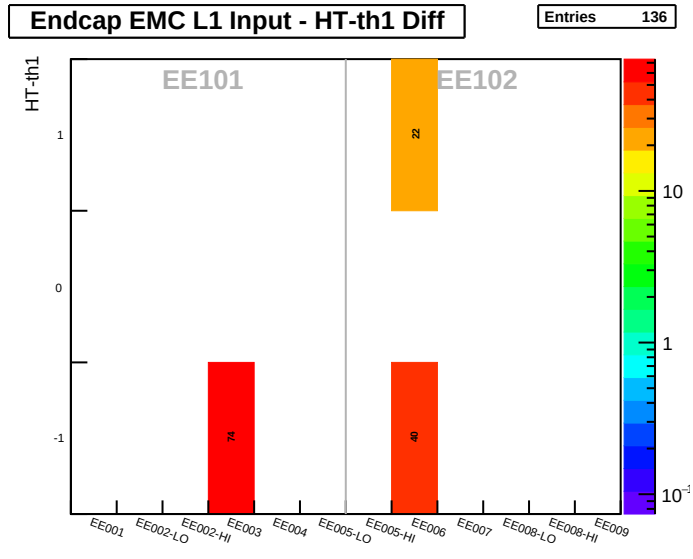

Endcap EMC L1 Input - High Eta Sum
Entries 9.983994e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

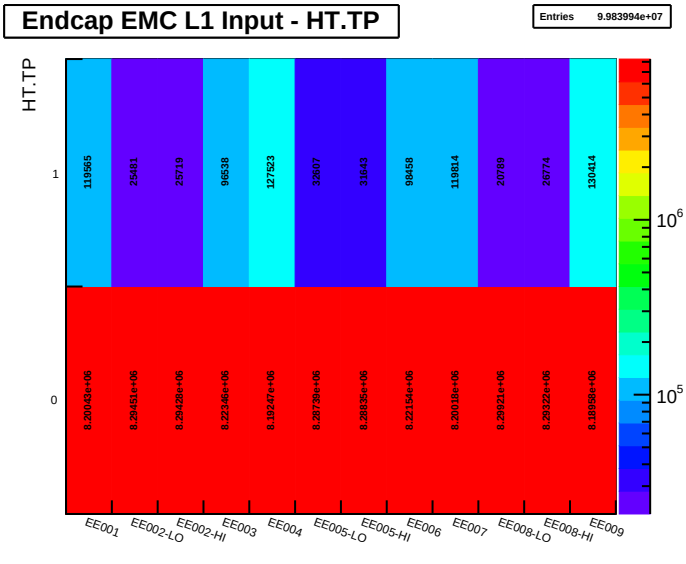

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

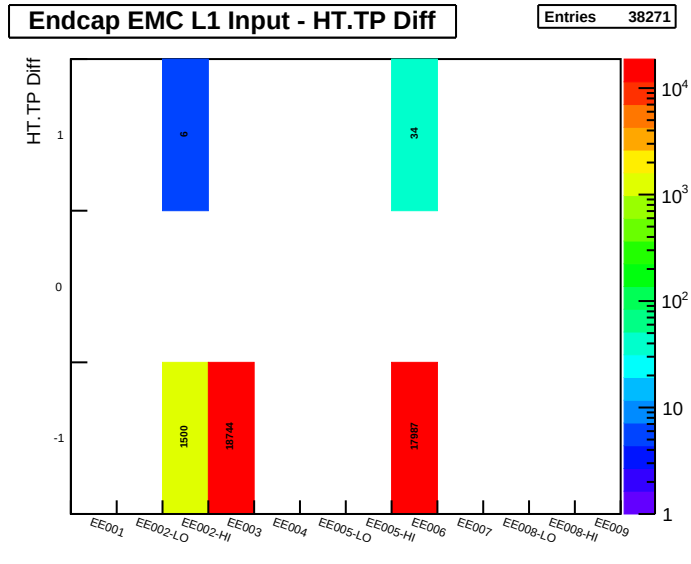

Endcap EMC L1 Input - HT-th0
Entries 9.983994e+07
HT-th0
EE101
EE102
1
0
10713 2526 2696 10053 11264 3485 3271 9278 10826 2048 3726 11704
8.30928e+06 8.31747e+06 8.31736e+06 8.30996e+06 8.30873e+06 8.31651e+06 8.31672e+06 8.31072e+06 8.30917e+06 8.31795e+06 8.31627e+06 8.30829e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4

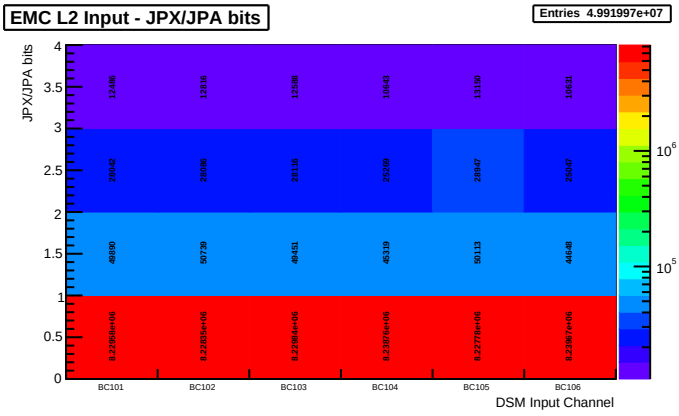

Endcap EMC L1 Input - HT-th0 Diff
Entries 327
HT-th0
EE101
EE102
1
0
-1
22
10 168 125 2
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^2
10
1

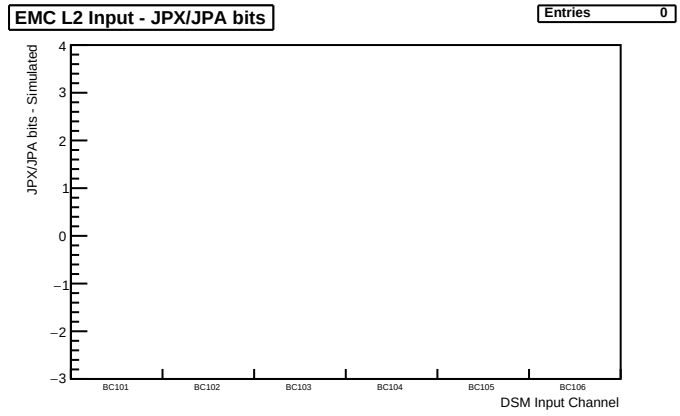

Endcap EMC L1 Input - HT-th1
Entries 9.983994e+07
HT-th1
EE101
EE102
1
0
4901 1174 1257 4775 5329 1671 1525 4596 5090 932 1791 5533
8.31509e+06 8.31892e+06 8.31874e+06 8.31552e+06 8.31467e+06 8.31832e+06 8.31847e+06 8.3154e+06 8.3149e+06 8.31906e+06 8.3182e+06 8.31446e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

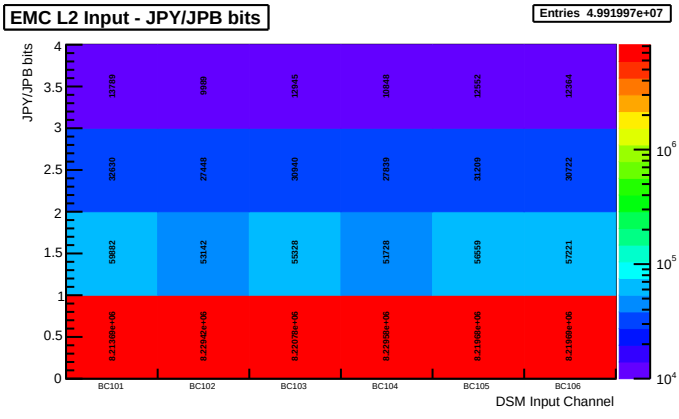

Endcap EMC L1 Input - HT-th1 Diff
Entries 136
HT-th1
EE101
EE102
1
0
-1
22
74 40
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

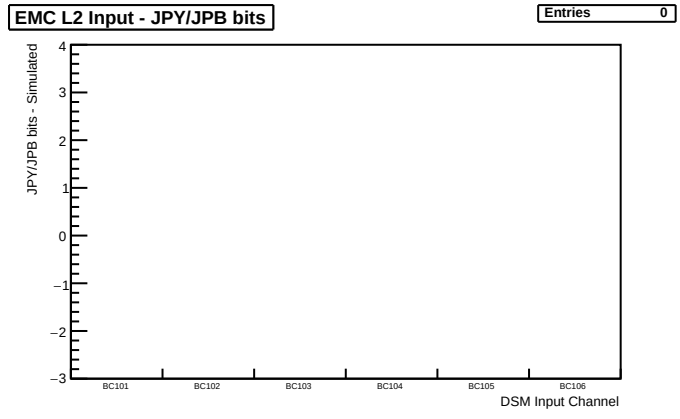

Endcap EMC L1 Input - HT.TP
Entries 9.983994e+07
HT.TP
1
0
119565 25481 25719 96538 127523 32607 31643 98458 119814 20789 26774 130414
8.20043e+06 8.29451e+06 8.29428e+06 8.22346e+06 8.19247e+06 8.29739e+06 8.28835e+06 8.22154e+06 8.20018e+06 8.29921e+06 8.29322e+06 8.18958e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5

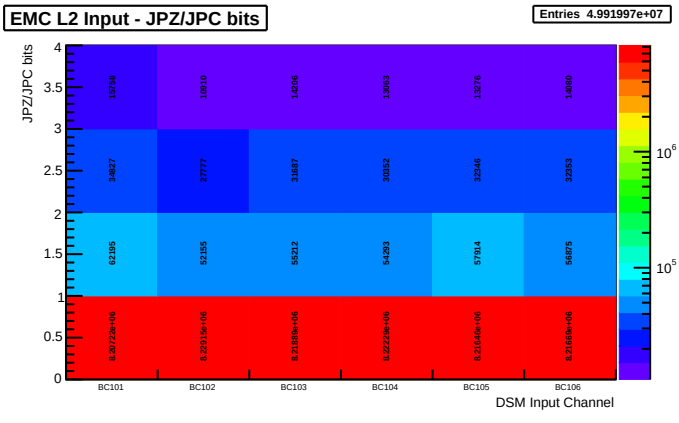

Endcap EMC L1 Input - HT.TP Diff
Entries 38271
HT.TP Diff
1
0
-1
6
34
1500 18744 17987
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^4
10^3
10^2
10
1

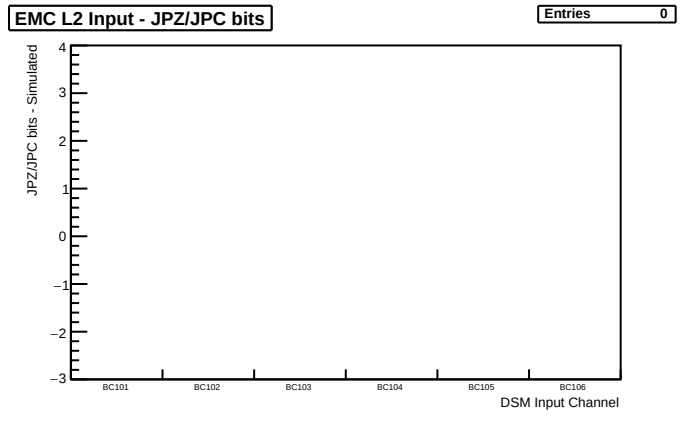

EMC L2 Input - JPX/JPA bits
Entries 4.991997e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

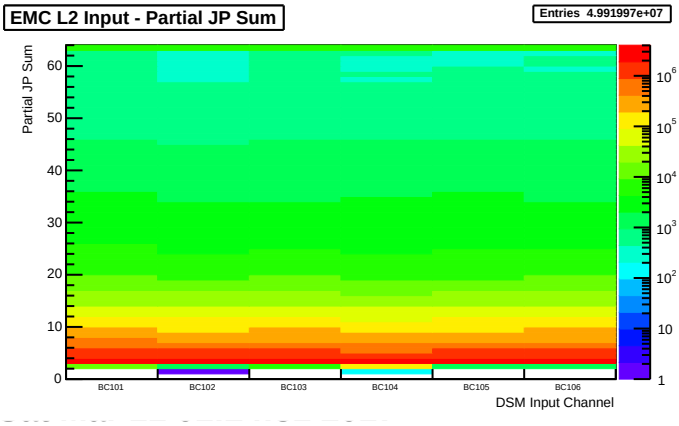

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

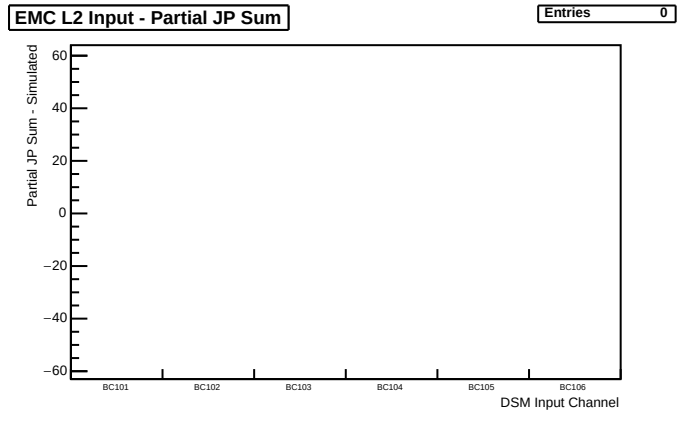

EMC L2 Input - JPY/JPB bits
Entries 4.991997e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

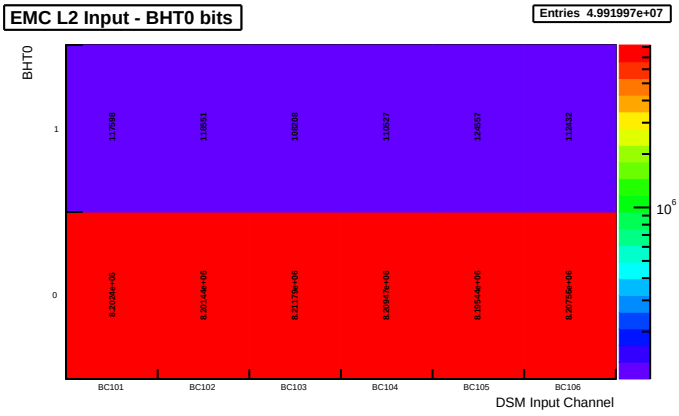

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

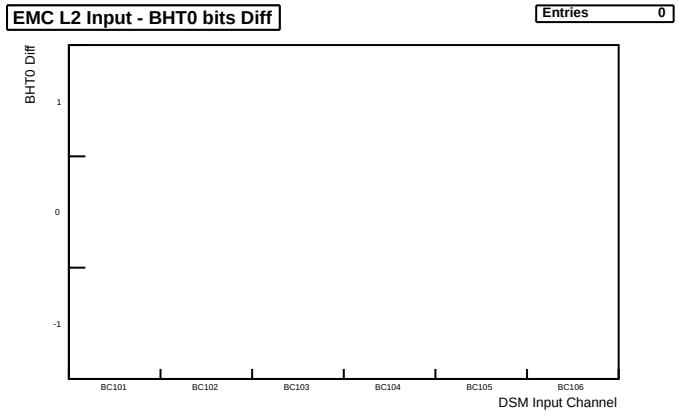

EMC L2 Input - JPZ/JPC bits
Entries 4.991997e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

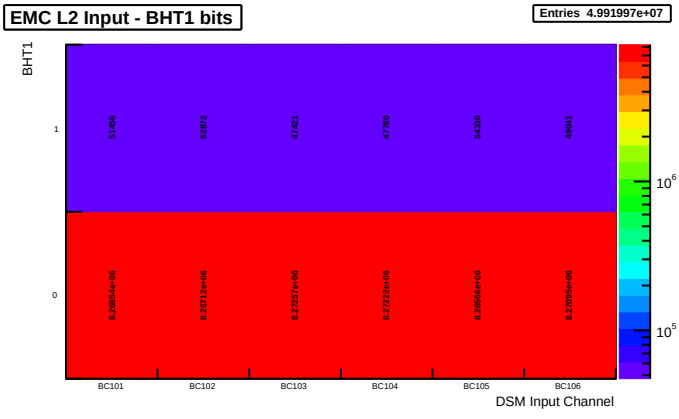

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

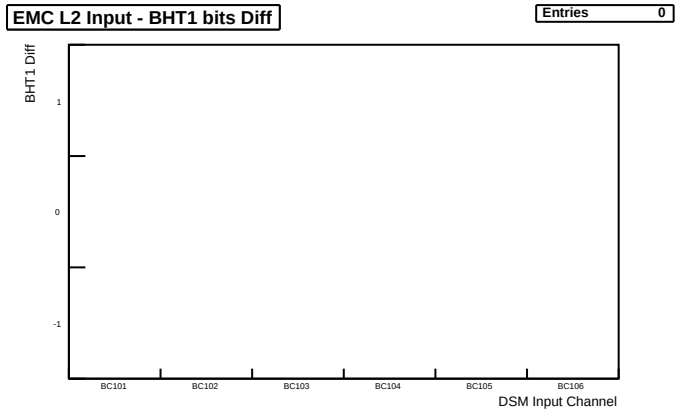

EMC L2 Input - Partial JP Sum
Entries 4.991997e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

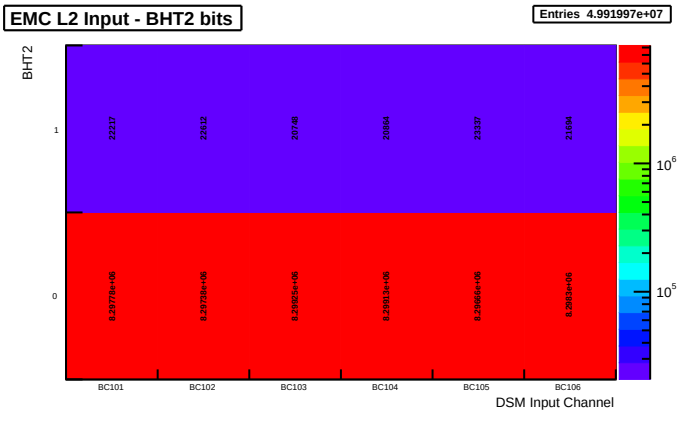

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

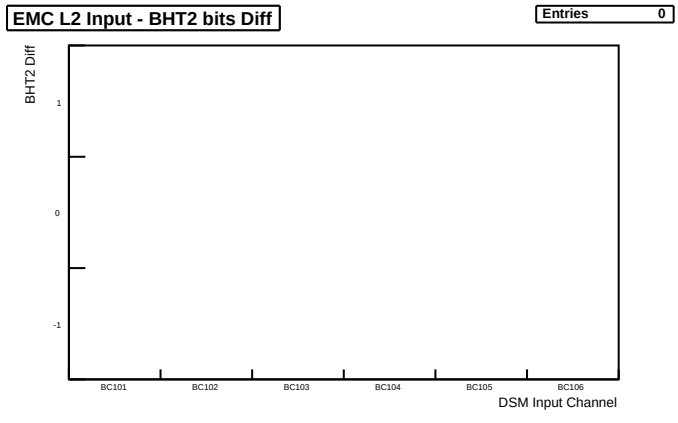

EMC L2 Input - BHT0 bits
Entries 4.991997e+07
BHT0
1
0
117598
118551
108208
110527
124557
112432
8.32924e+06
8.20144e+06
8.21179e+06
8.20947e+06
8.19544e+06
8.20756e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

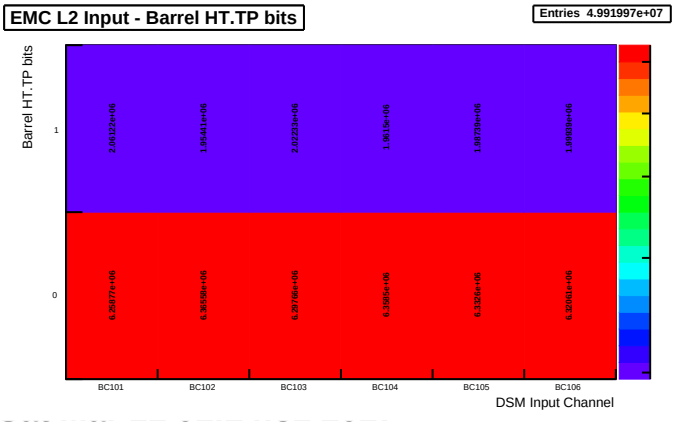

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

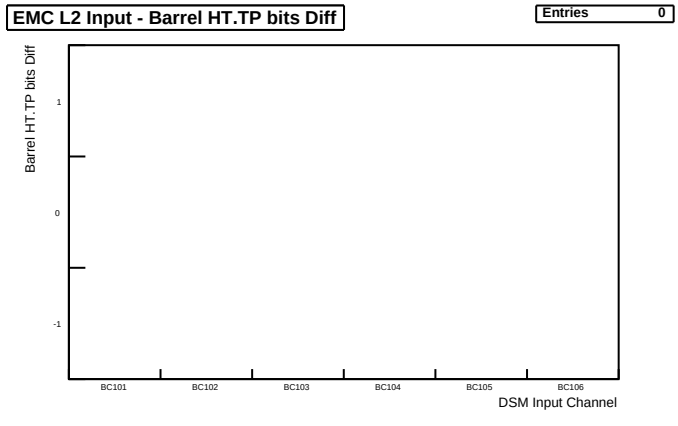

EMC L2 Input - BHT1 bits
Entries 4.991997e+07
BHT1
1
0
51456
52972
47421
47780
54330
40941
8.26554e+06
8.26712e+06
8.27257e+06
8.27222e+06
8.26566e+06
8.27005e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

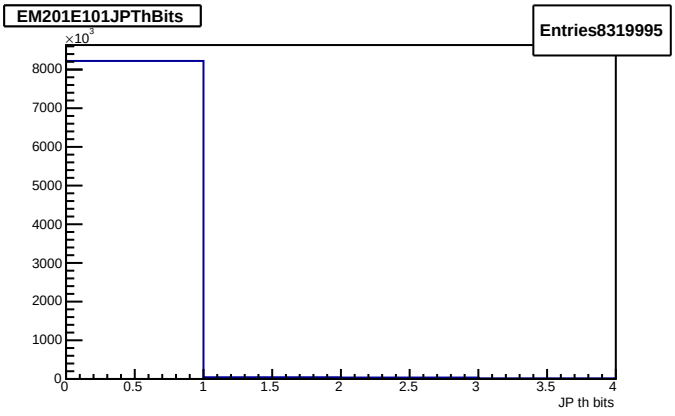

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

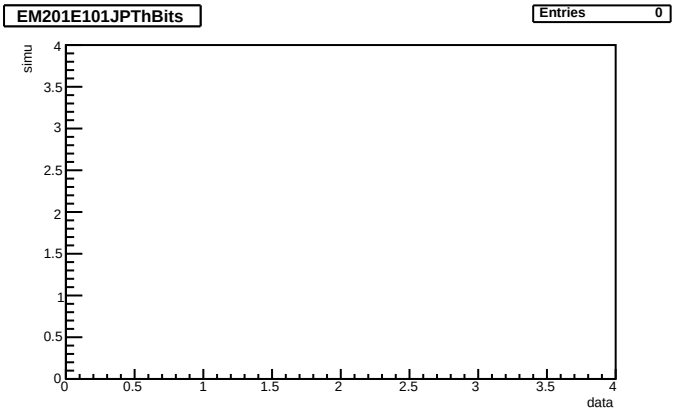

EMC L2 Input - BHT2 bits
Entries 4.991997e+07
BHT2
1
0
22237
22512
20748
20934
23337
21634
8.23778e+06
8.23733e+06
8.23925e+06
8.23913e+06
8.23666e+06
8.2383e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

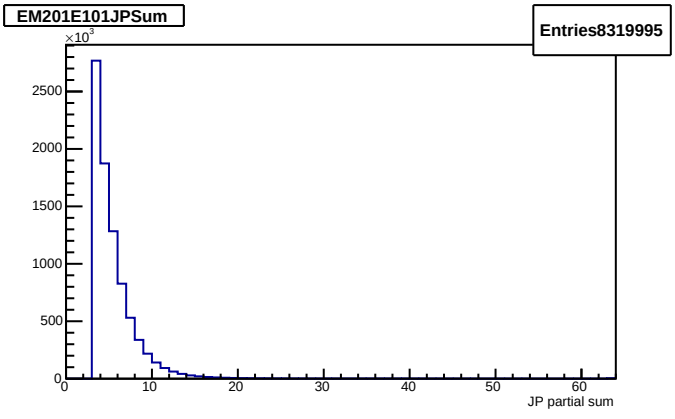

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

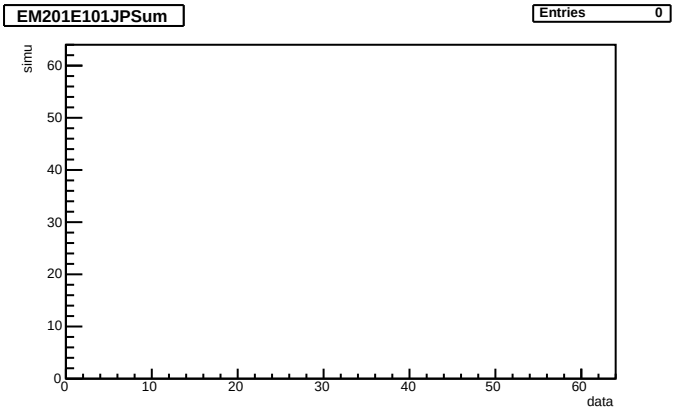

EMC L2 Input - Barrel HT.TP bits
Entries 4.991997e+07
Barrel HT.TP bits
1
0
2.06122e+06
1.95441e+06
2.02233e+06
1.95155e+06
1.98739e+06
1.99039e+06
6.25477e+06
6.30558e+06
6.29766e+06
6.3395e+06
6.3326e+06
6.32061e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

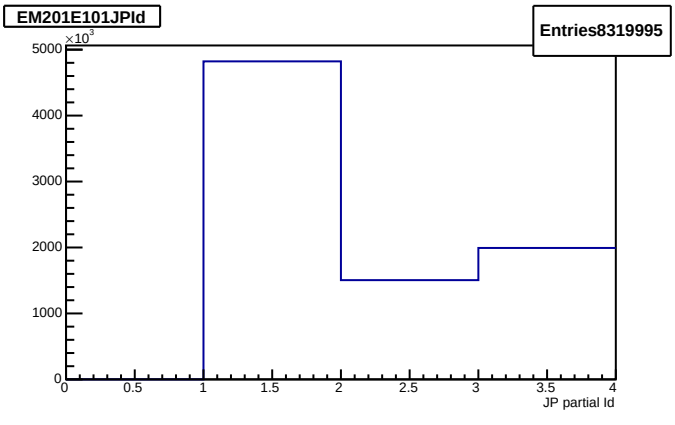

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

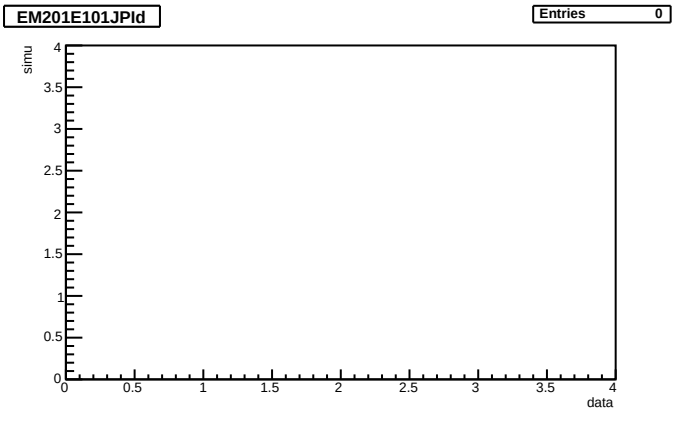

EM201E101JPThBits
Entries8319995
×10^3
JP th bits

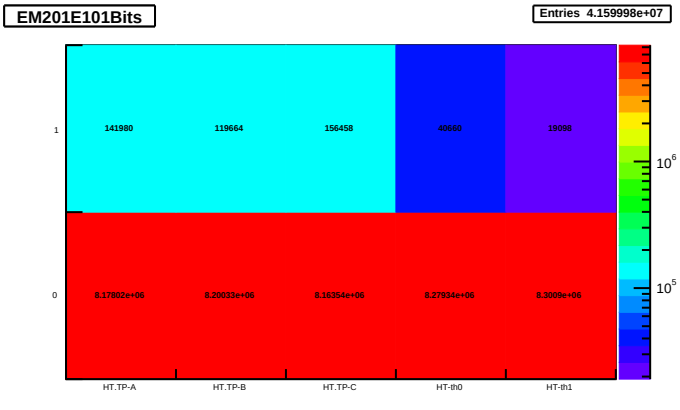

EM201E101JPThBits
Entries 0
simu
data

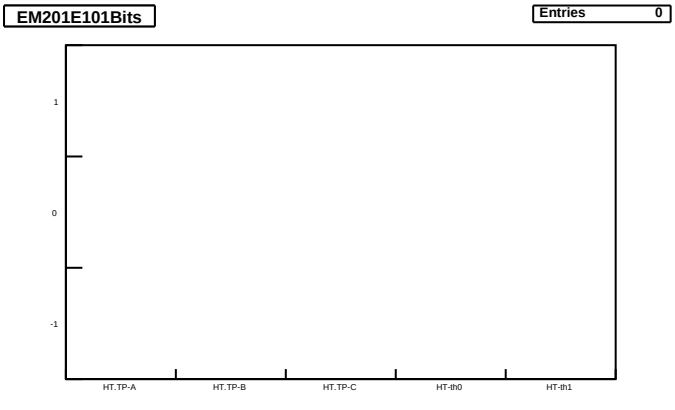

EM201E101JPSum
Entries8319995
×10^3
JP partial sum

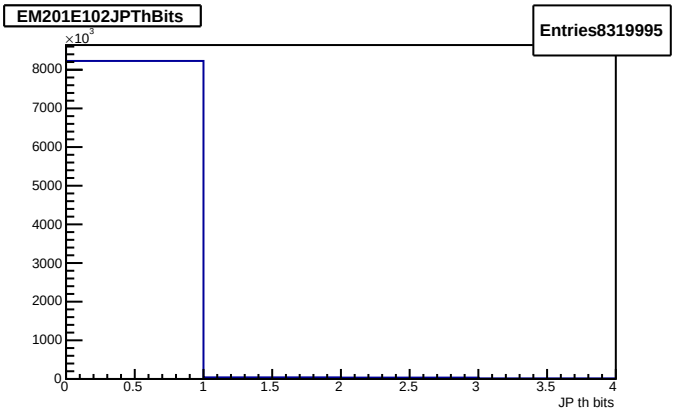

EM201E101JPSum
Entries 0
simu
data

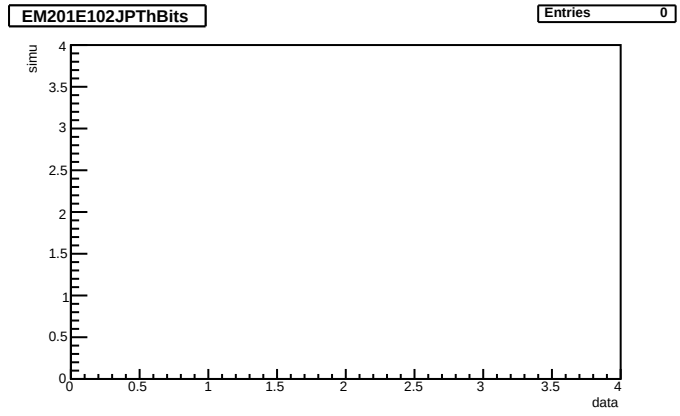

EM201E101JPId
Entries8319995
×10^3
JP partial Id

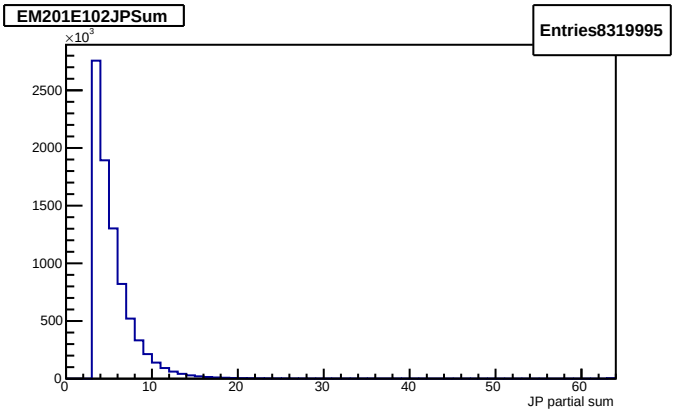

EM201E101JPId
Entries 0
simu
data

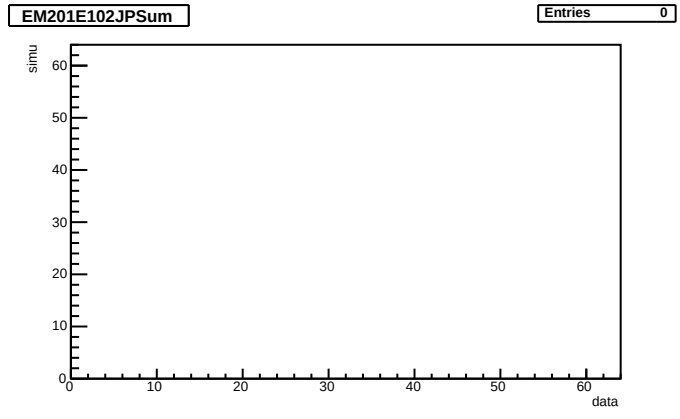

EM201E101Bits
Entries 4.159998e+07
141980
119664
156458
40660
19098
8.17802e+06
8.20033e+06
8.16354e+06
8.27934e+06
8.3009e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

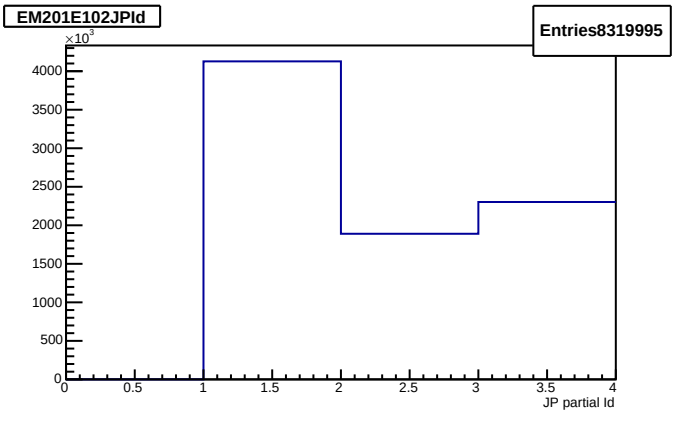

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

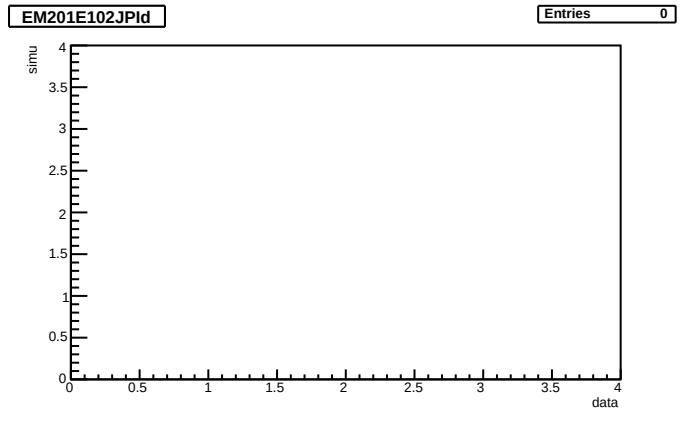

EM201E102JPThBits
Entries8319995
×10^3
JP th bits

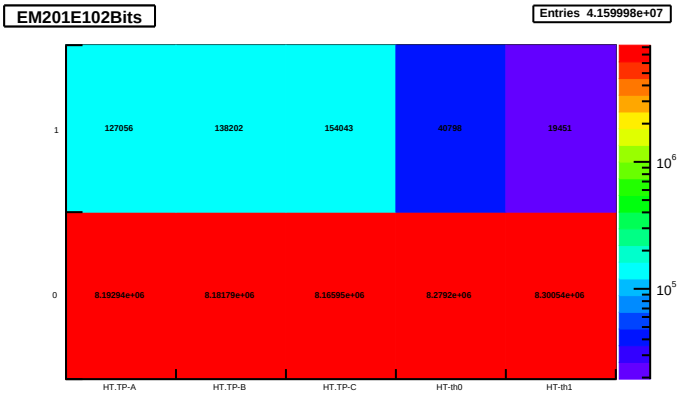

EM201E102JPThBits
Entries 0
simu
data

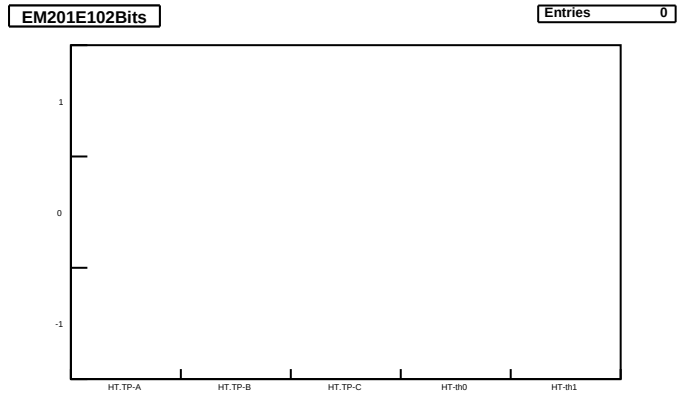

EM201E102JPSum
Entries8319995
×10^3
JP partial sum

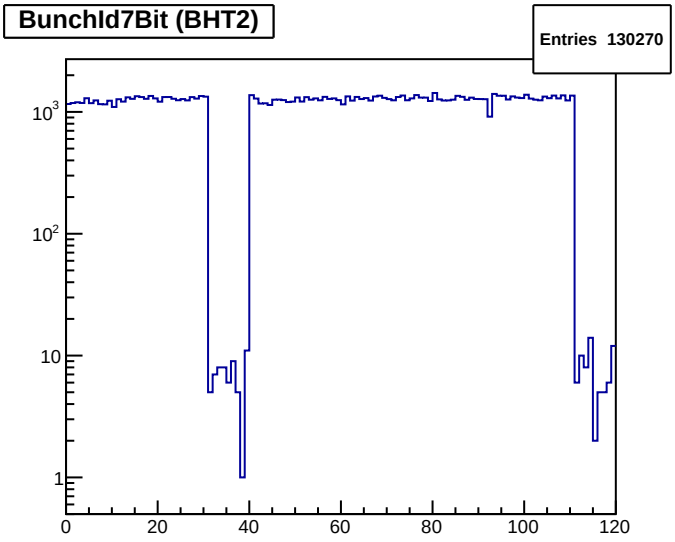

EM201E102JPSum
Entries 0
simu
data

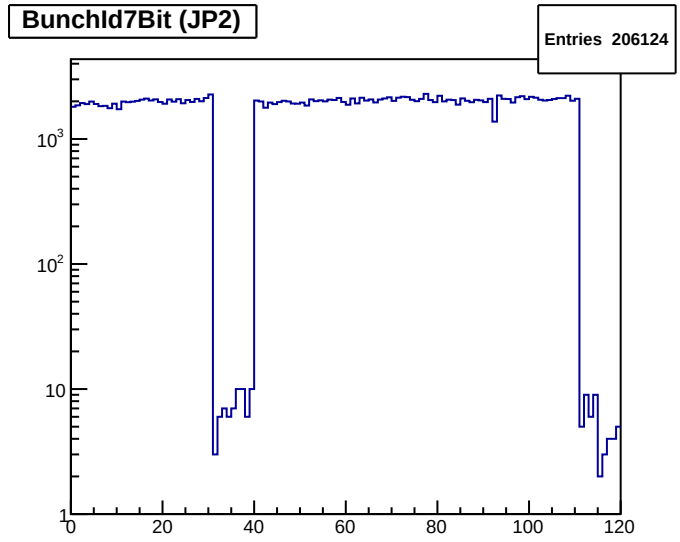

EM201E102JPId
Entries8319995
×10^3
JP partial Id

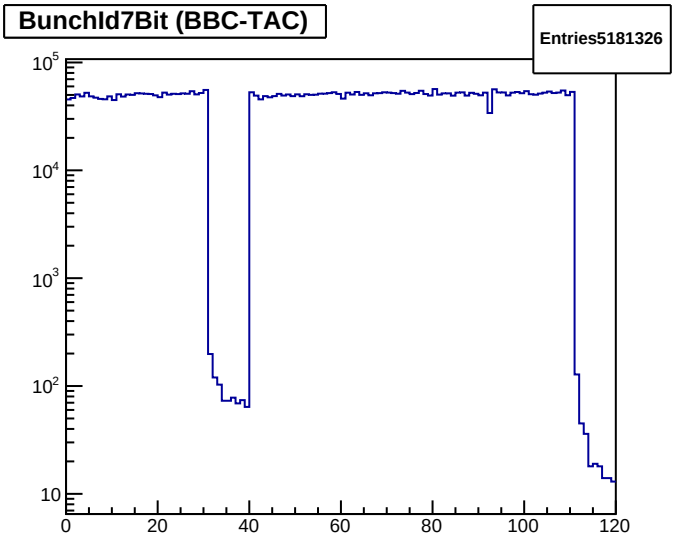

EM201E102JPId
Entries 0
simu
data

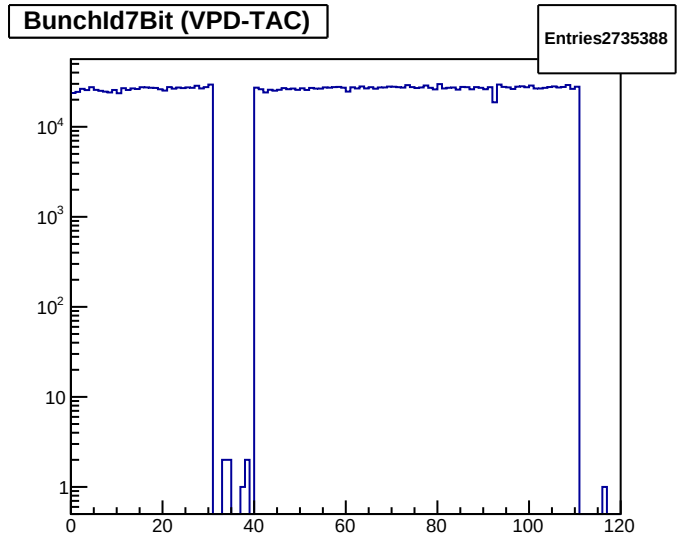

EM201E102Bits
Entries 4.159998e+07
127056
138202
154043
40798
19451
8.19294e+06
8.18179e+06
8.16595e+06
8.2792e+06
8.30054e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

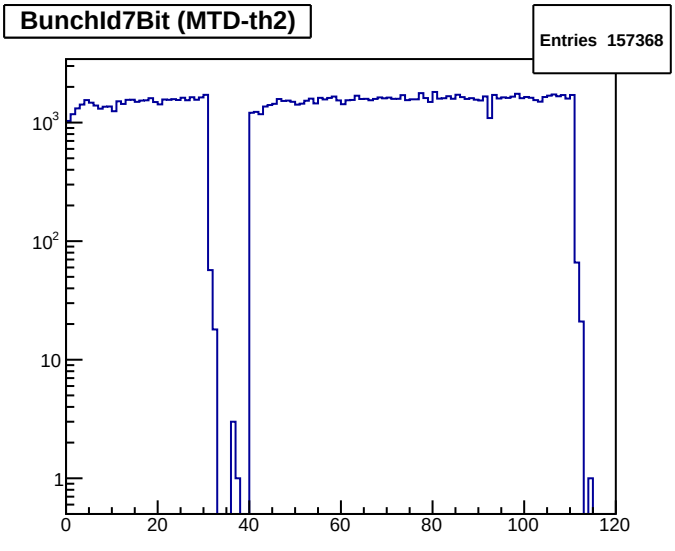

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

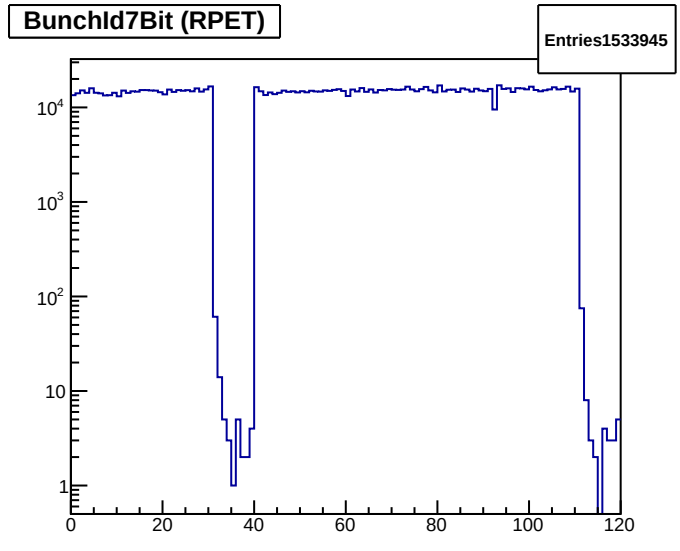

BunchId7Bit (BHT2)
Entries 130270

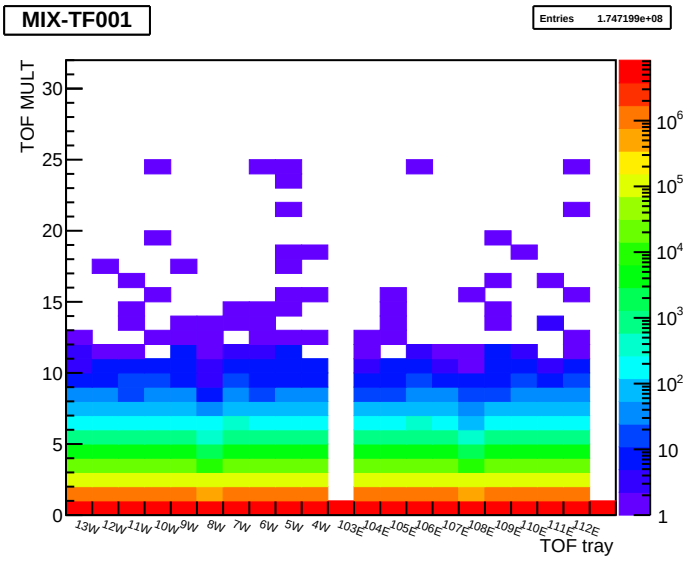

BunchId7Bit (JP2)
Entries 206124

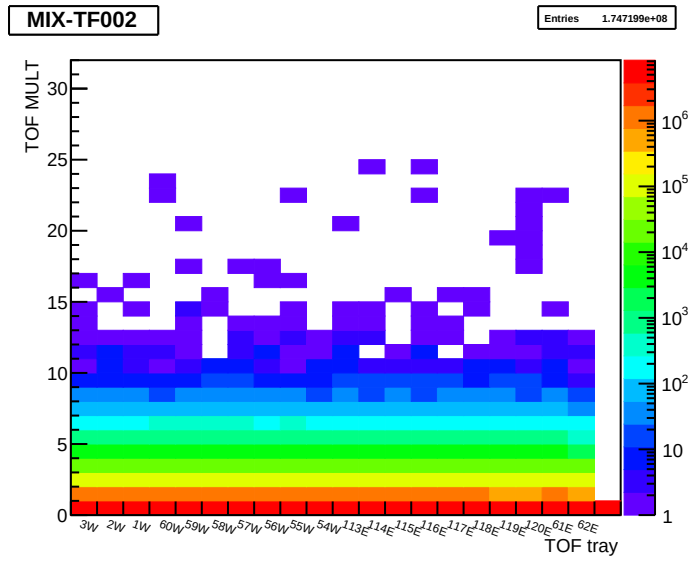

BunchId7Bit (BBC-TAC)
Entries5181326

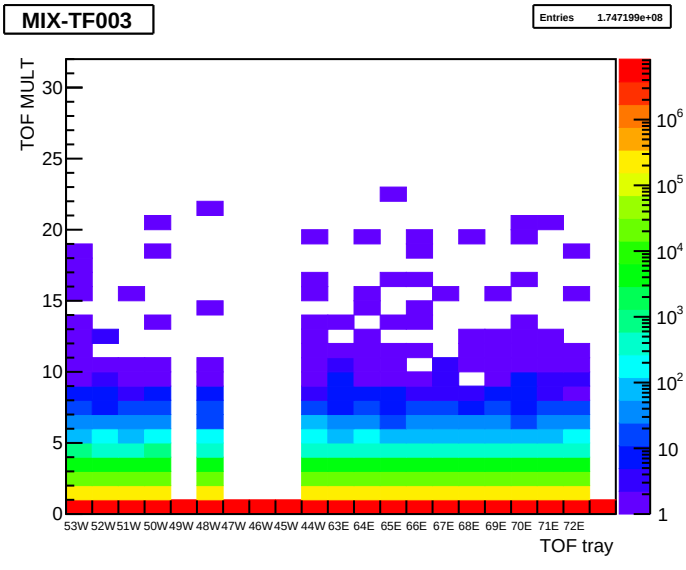

BunchId7Bit (VPD-TAC)
Entries2735388

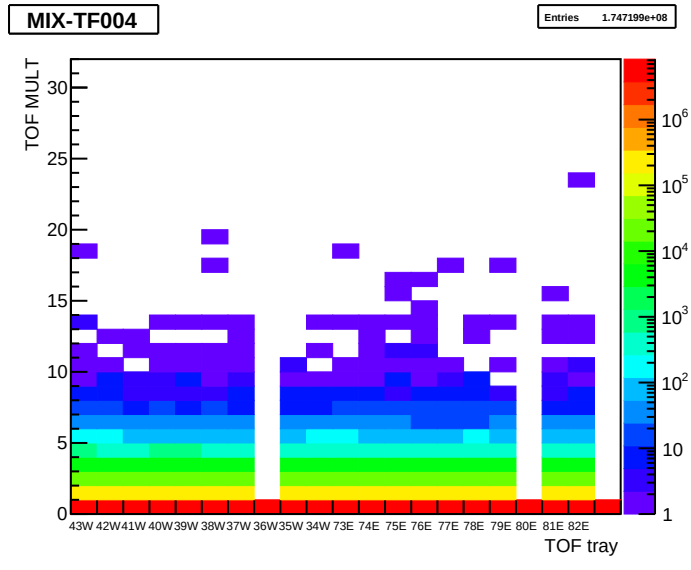

BunchId7Bit (MTD-th2)
Entries 157368

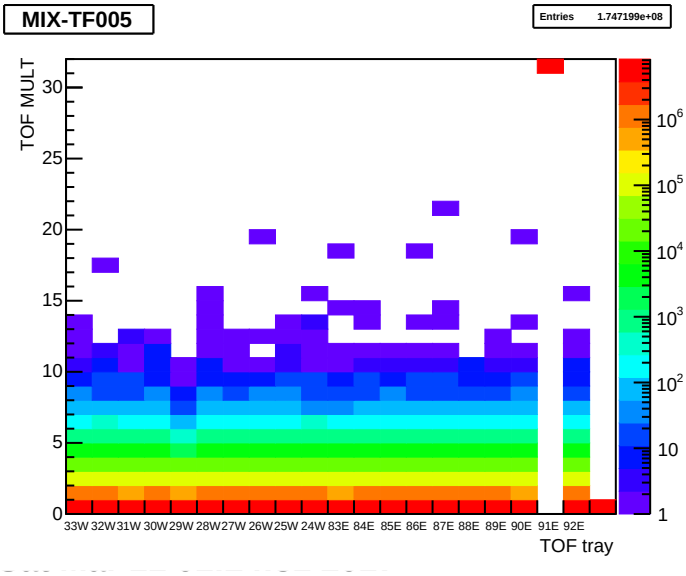

BunchId7Bit (RPET)
Entries1533945

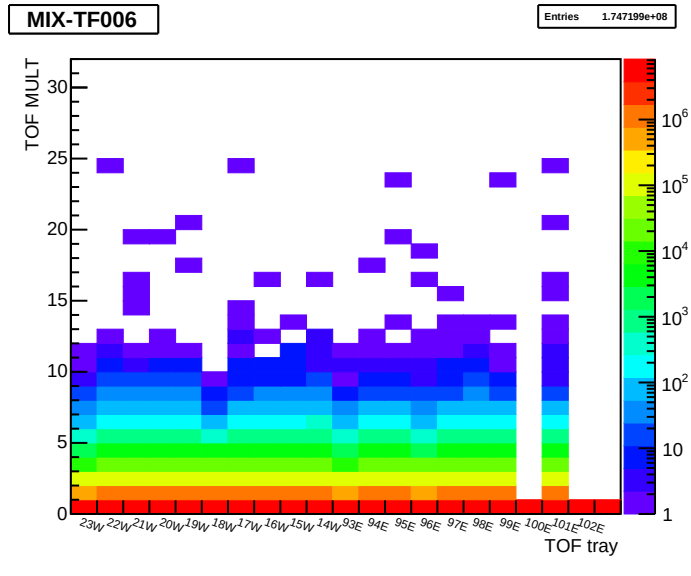

MIX-TF001
Entries 1.747199e+08
TOF MULT
TOF tray

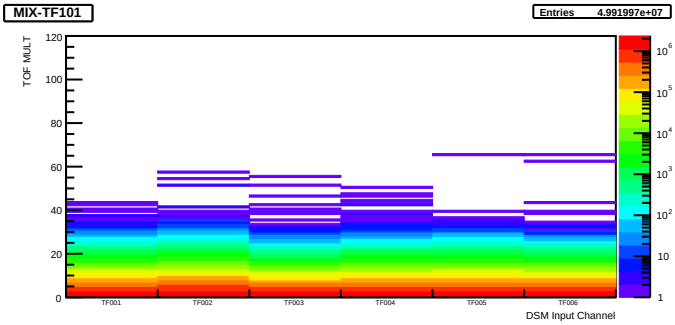

MIX-TF002
Entries 1.747199e+08
TOF MULT
TOF tray

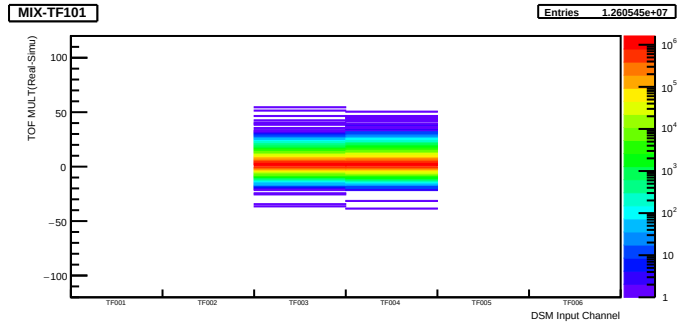

MIX-TF003
Entries 1.747199e+08
TOF MULT
TOF tray

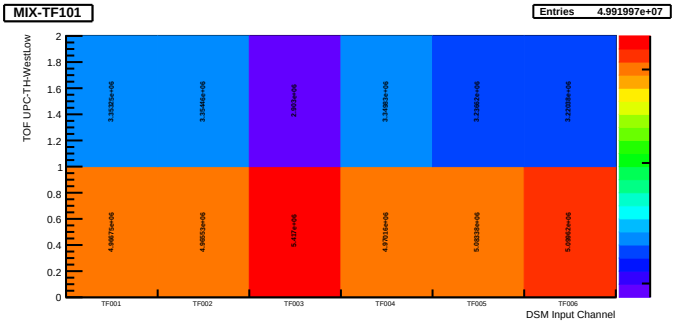

MIX-TF004
Entries 1.747199e+08
TOF MULT
TOF tray

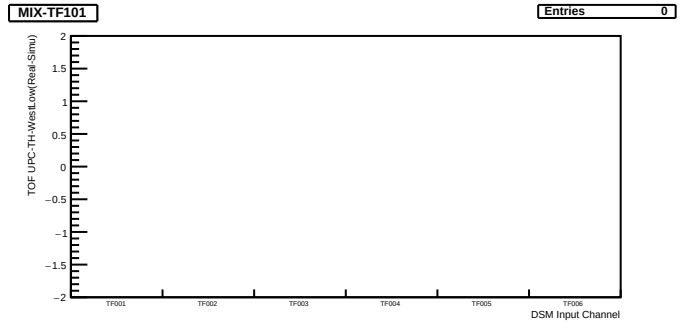

MIX-TF005
Entries 1.747199e+08
TOF MULT
TOF tray

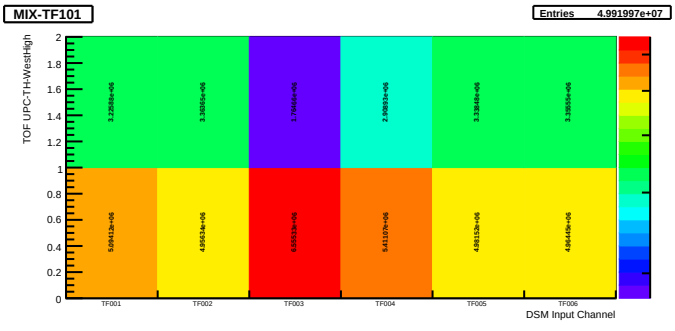

MIX-TF006
Entries 1.747199e+08
TOF MULT
TOF tray

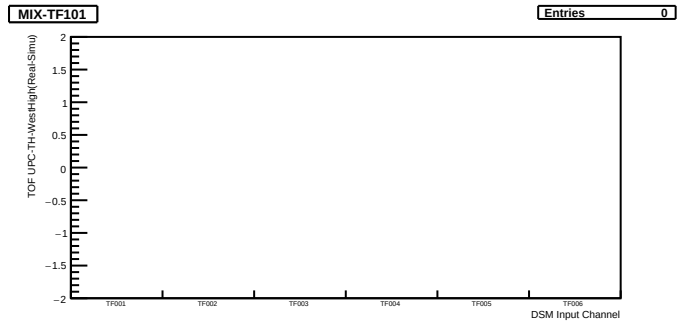

MIX-TF101
Entries 4.991997e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

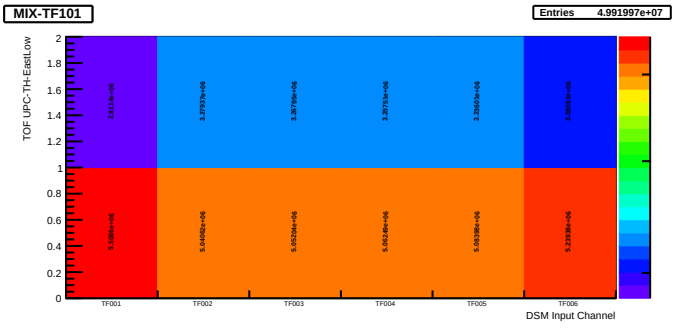

MIX-TF101
Entries 1.260545e+07
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

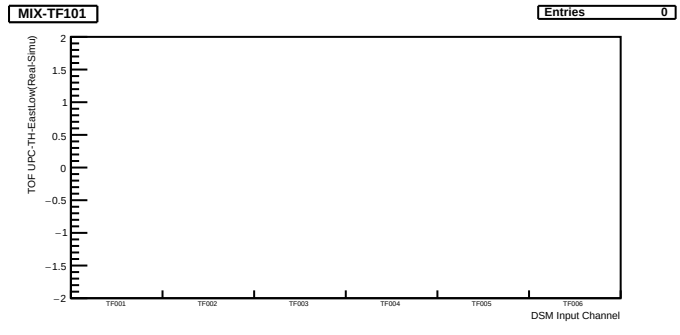

MIX-TF101
Entries 4.991997e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

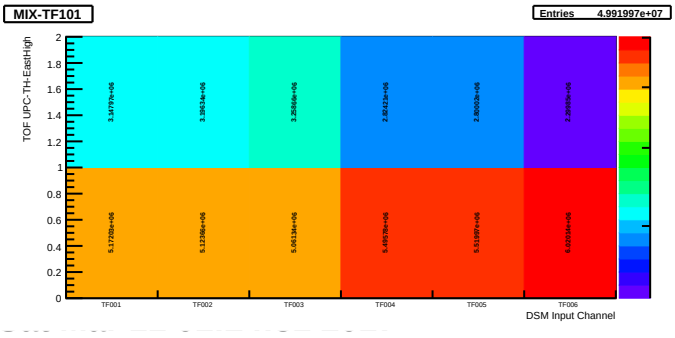

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

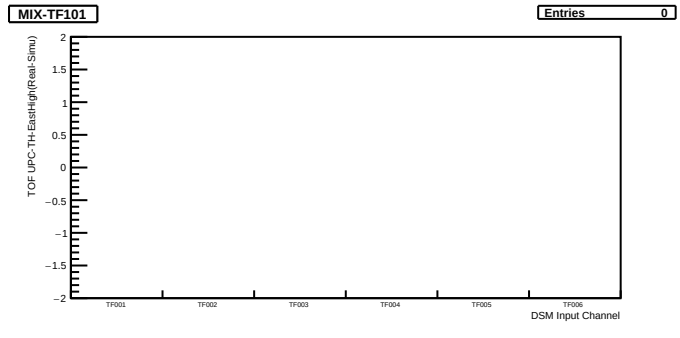

MIX-TF101
Entries 4.991997e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

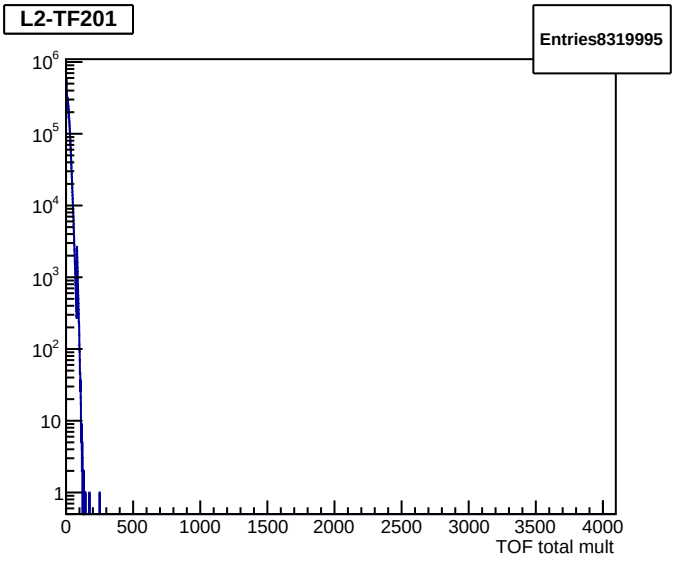

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

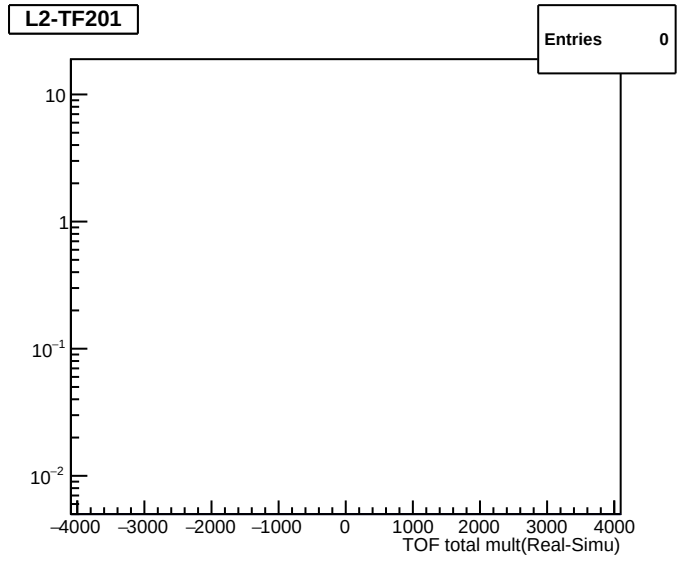

MIX-TF101
Entries 4.991997e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

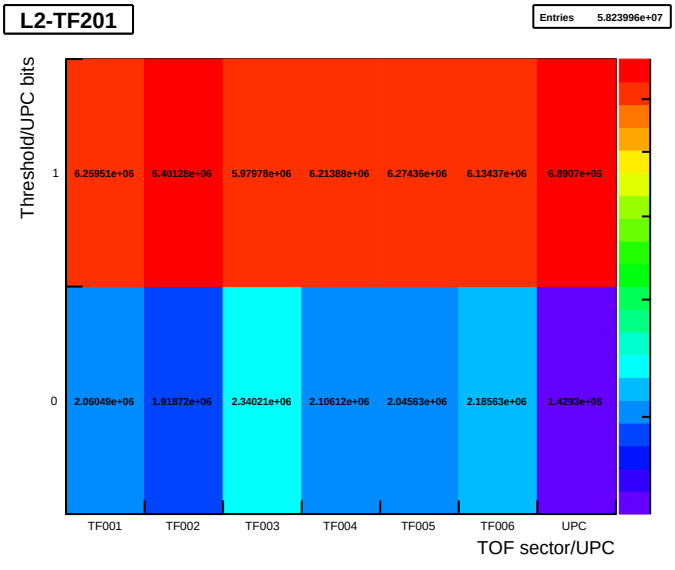

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

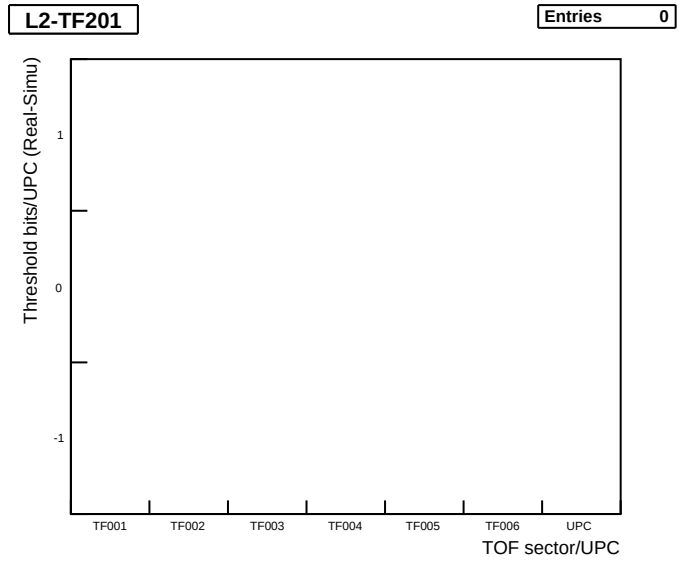

MIX-TF101
Entries 4.991997e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

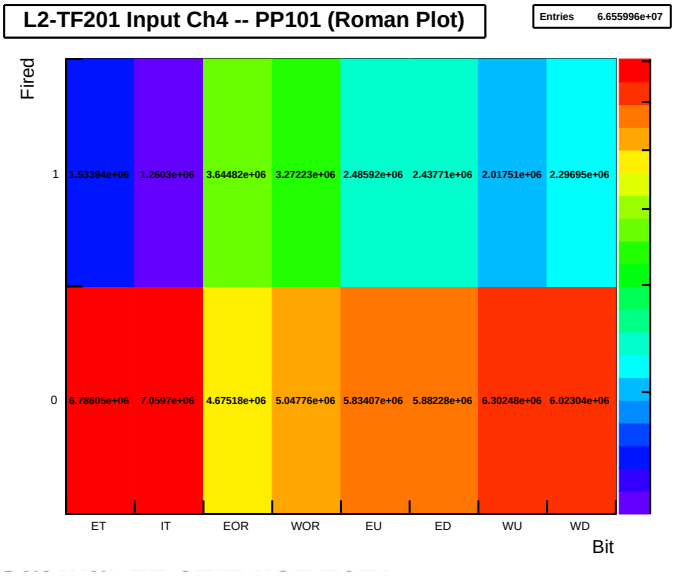

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

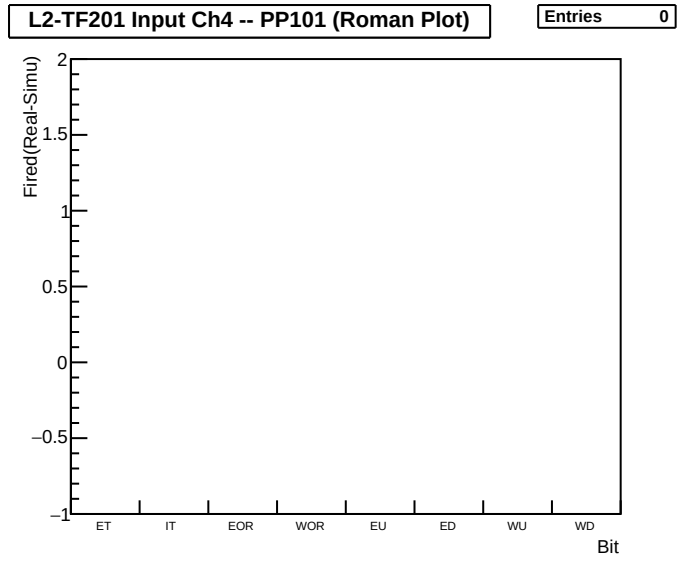

L2-TF201
Entries8319995
TOF total mult

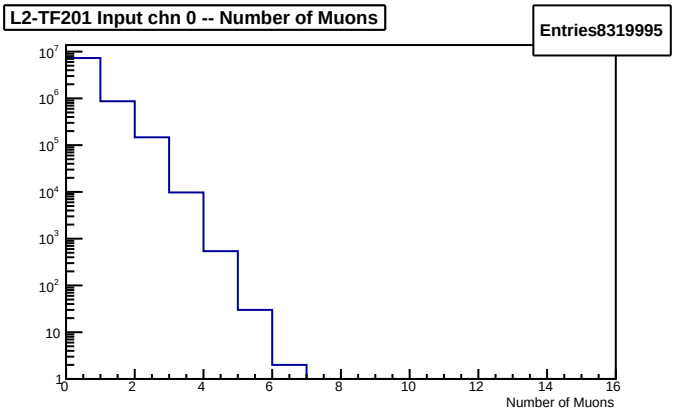

L2-TF201
Entries 0
TOF total mult(Real-Simu)

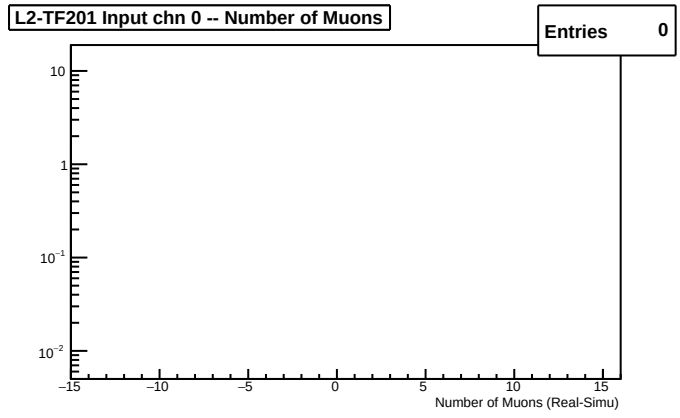

L2-TF201
Entries 5.823996e+07
Threshold/UPC bits
6.25951e+06
6.40128e+06
5.97978e+06
6.21388e+06
6.27436e+06
6.13437e+06
6.8907e+06
2.06049e+06
1.91872e+06
2.34021e+06
2.10612e+06
2.04563e+06
2.18563e+06
1.4293e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

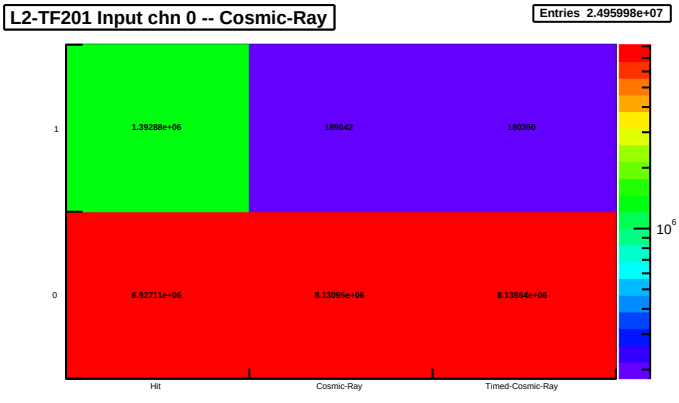

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

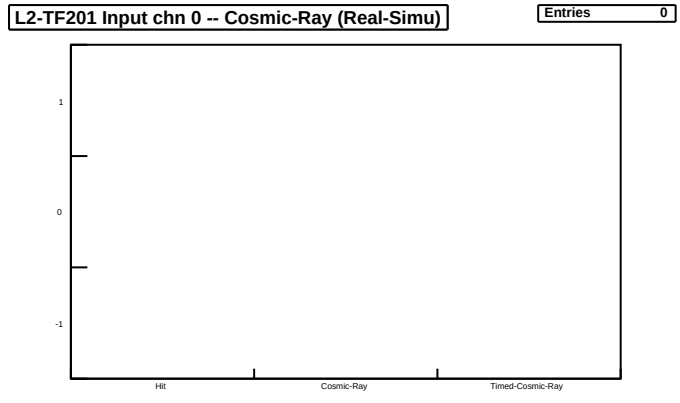

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 6.655996e+07
Fired
1.53394e+06
1.2603e+06
3.64482e+06
3.27223e+06
2.48592e+06
2.43771e+06
2.01751e+06
2.29695e+06
6.78605e+06
7.0597e+06
4.67518e+06
5.04776e+06
5.83407e+06
5.88228e+06
6.30248e+06
6.02304e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

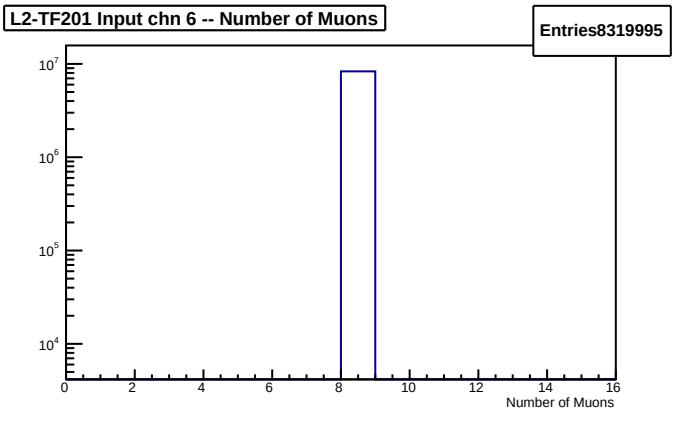

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

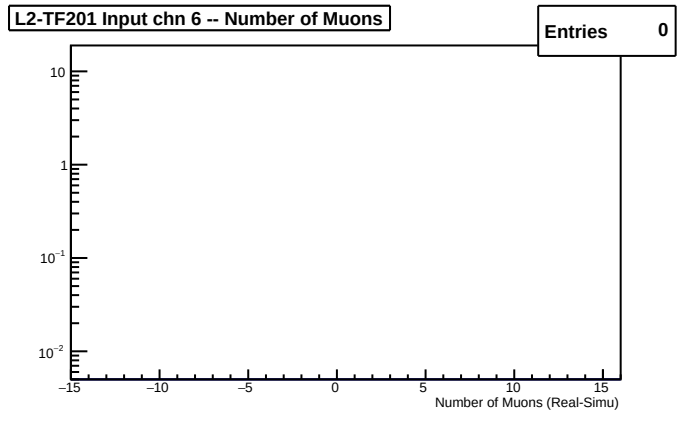

L2-TF201 Input chn 0 -- Number of Muons
Entries8319995
Number of Muons

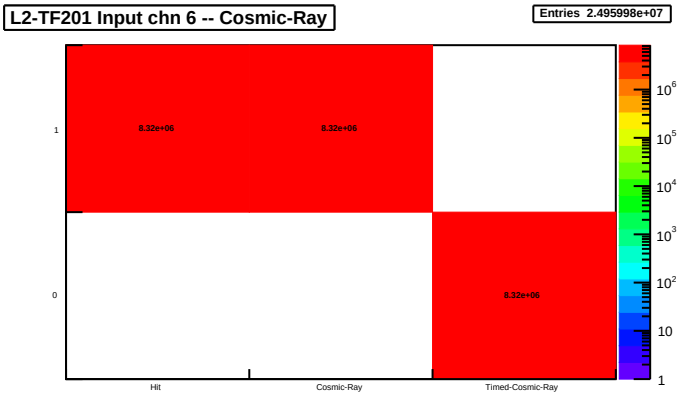

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

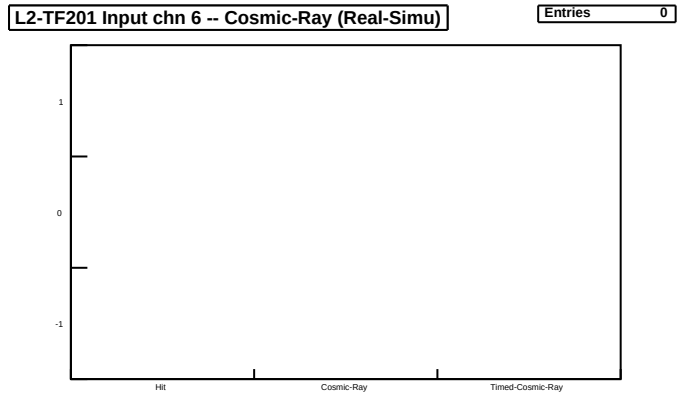

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.495998e+07
1.39288e+06
189042
180350
6.92711e+06
8.13095e+06
8.13964e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

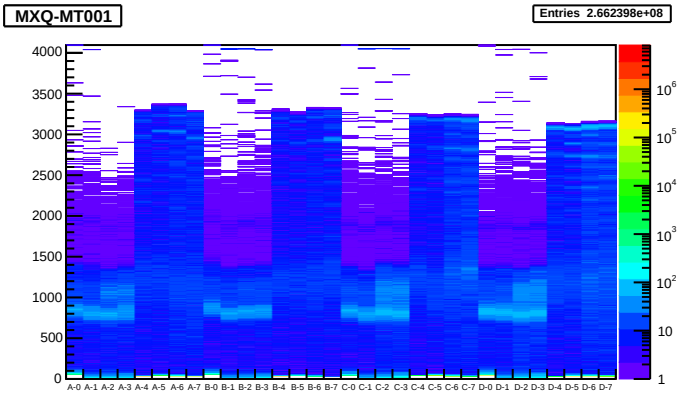

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

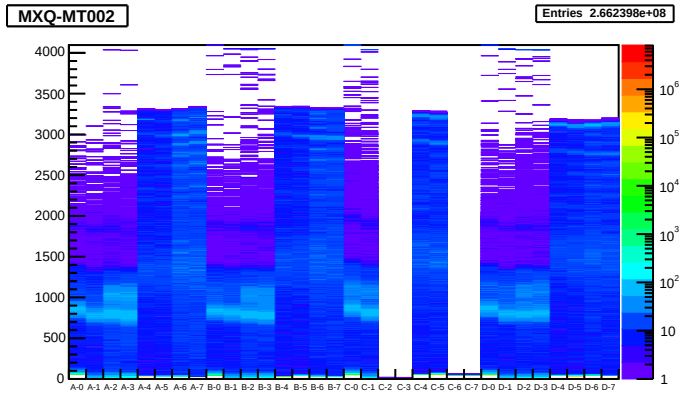

L2-TF201 Input chn 6 -- Number of Muons
Entries8319995
Number of Muons

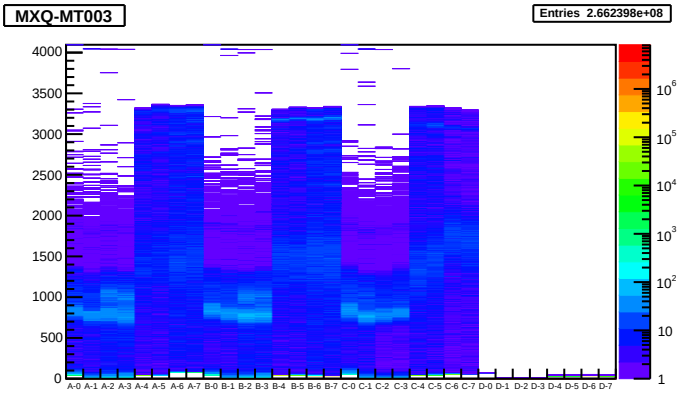

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

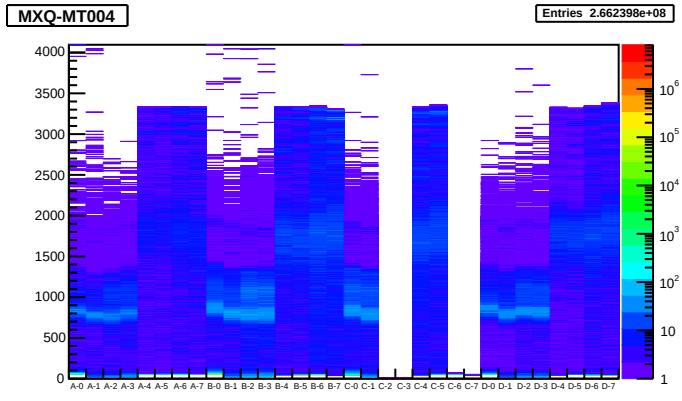

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 2.495998e+07
8.32e+06
8.32e+06
8.32e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

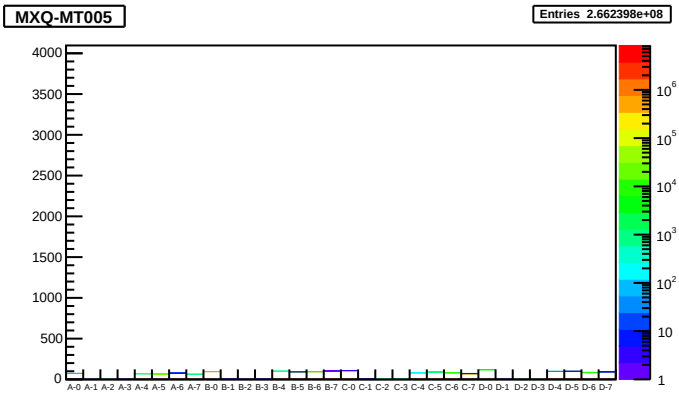

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

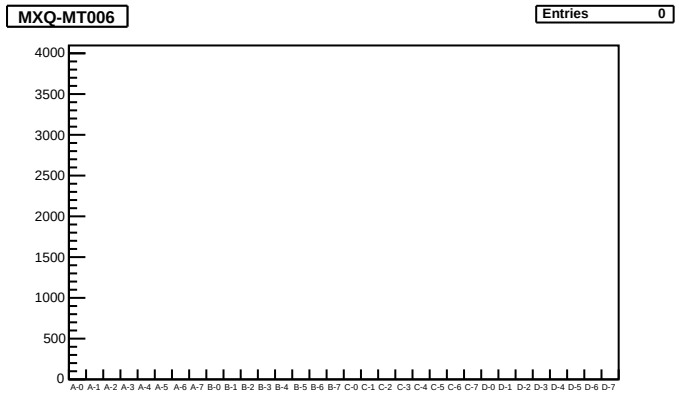

MXQ-MT001
Entries 2.662398e+08

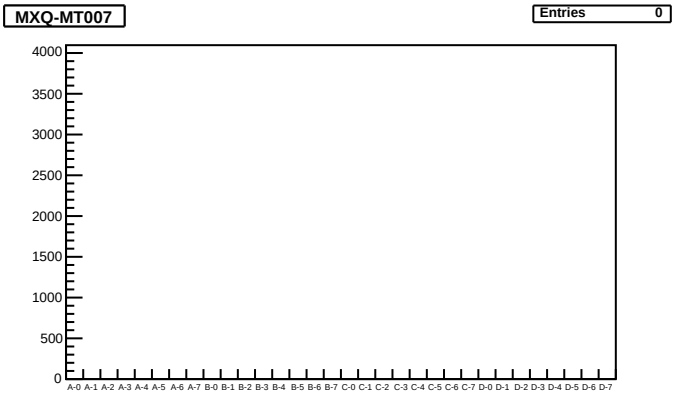

MXQ-MT002
Entries 2.662398e+08

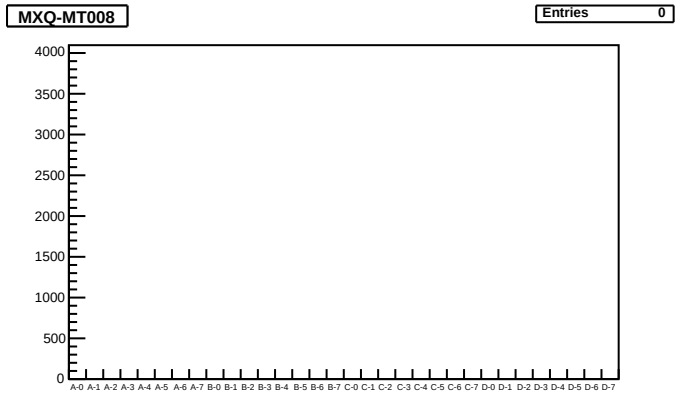

MXQ-MT003
Entries 2.662398e+08

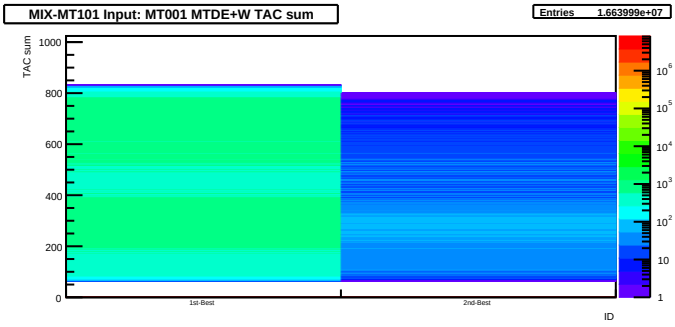

MXQ-MT004
Entries 2.662398e+08

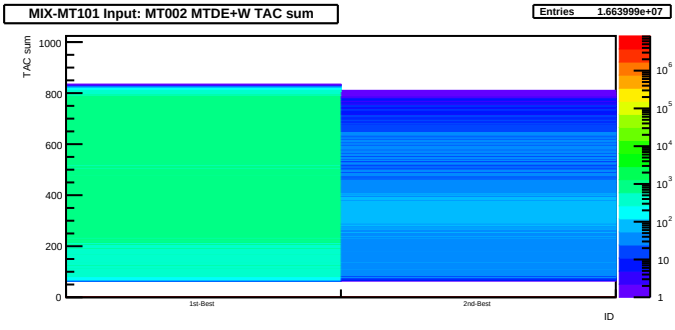

MXQ-MT005
Entries 2.662398e+08

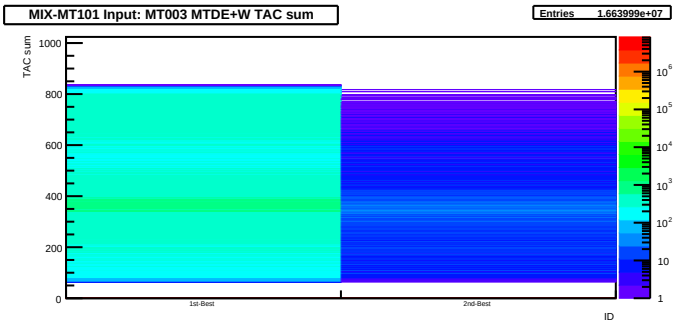

MXQ-MT006
Entries 0

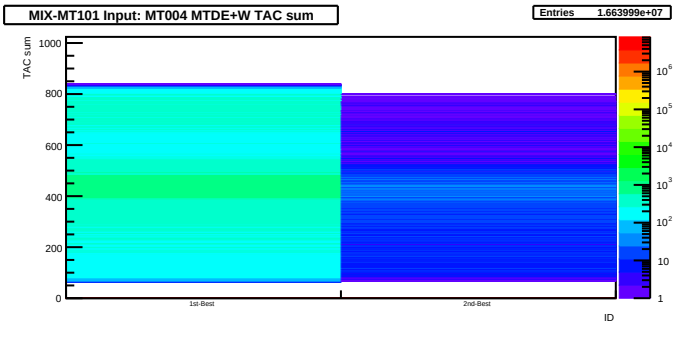

MXQ-MT007
Entries 0

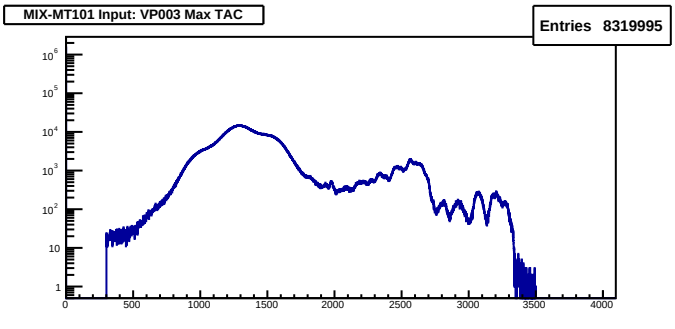

MXQ-MT008
Entries 0

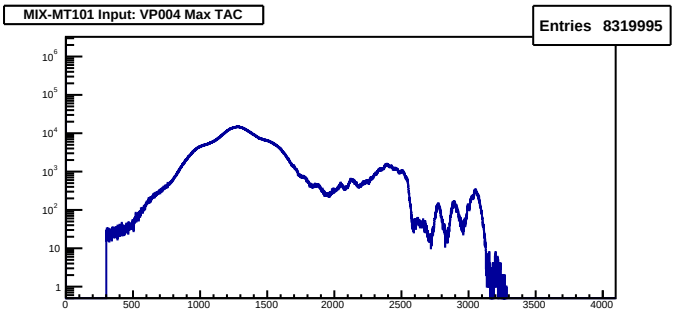

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.663999e+07
TAC sum
1st-Best
2nd-Best
ID

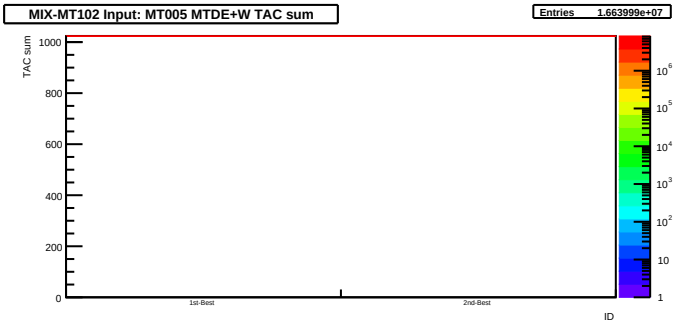

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.663999e+07
TAC sum
1st-Best
2nd-Best
ID

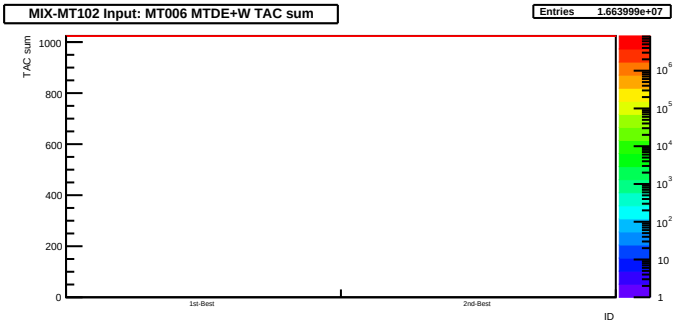

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.663999e+07
TAC sum
1st-Best
2nd-Best
ID

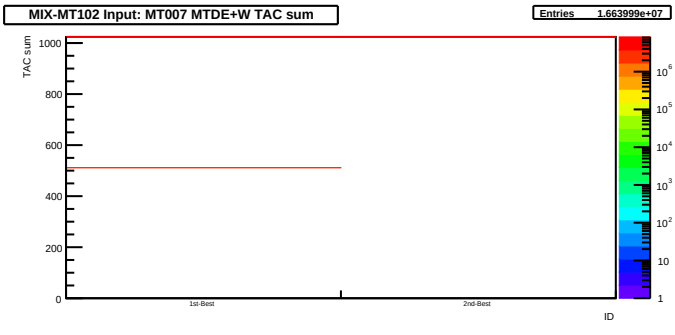

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.663999e+07
TAC sum
1st-Best
2nd-Best
ID

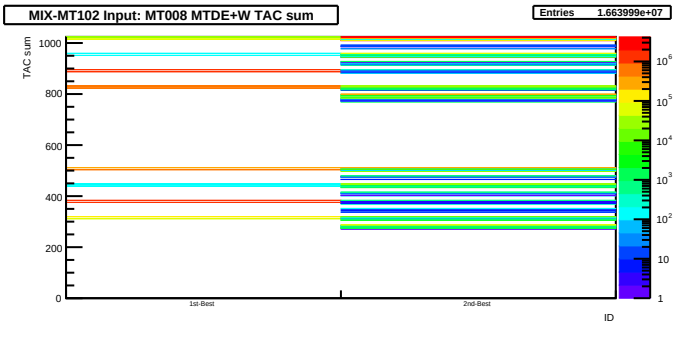

MIX-MT101 Input: VP003 Max TAC
Entries 8319995

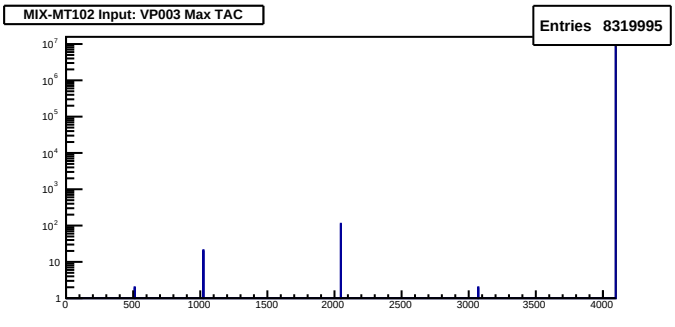

MIX-MT101 Input: VP004 Max TAC
Entries 8319995

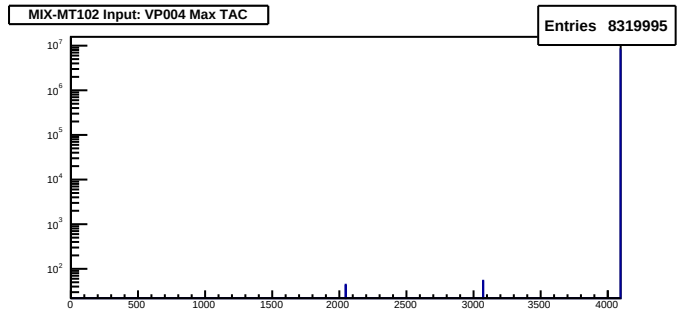

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1.663999e+07
TAC sum
1st-Best
2nd-Best
ID

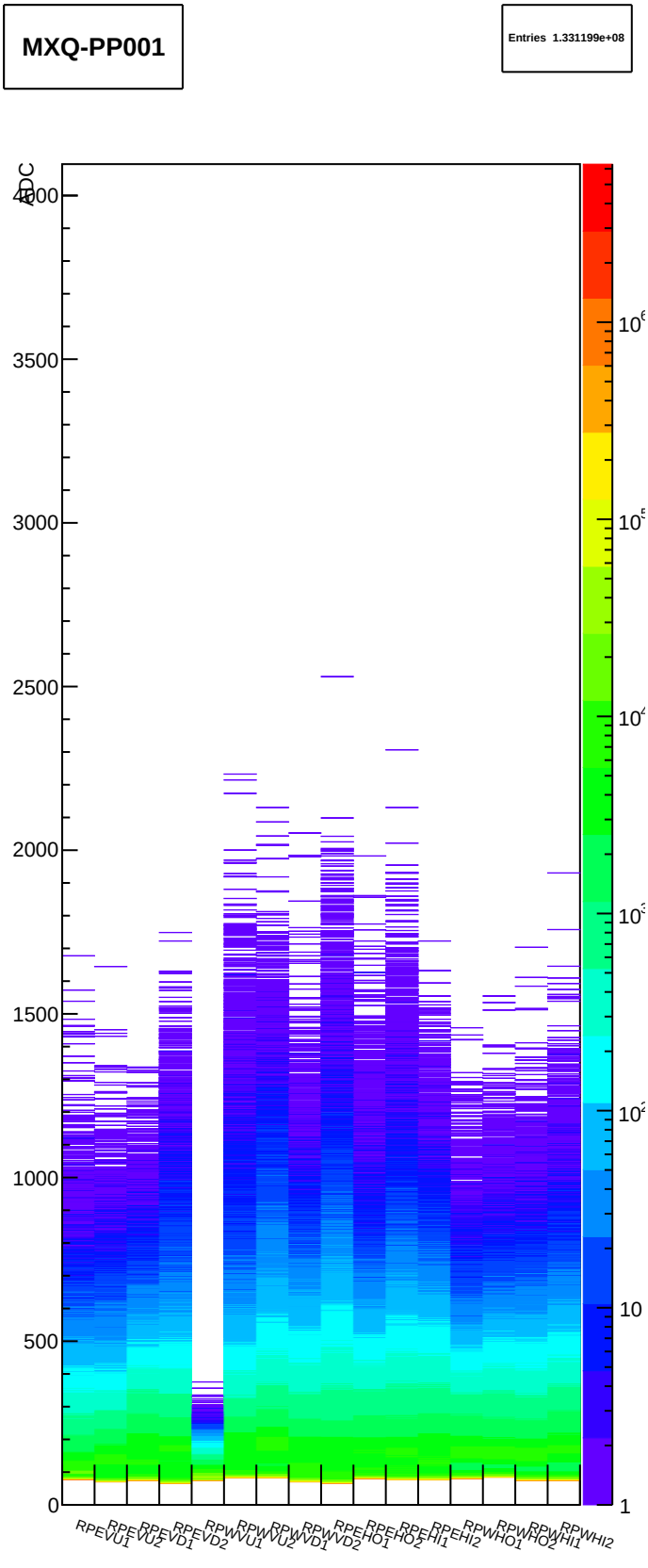

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1.663999e+07
TAC sum
1st-Best
2nd-Best
ID

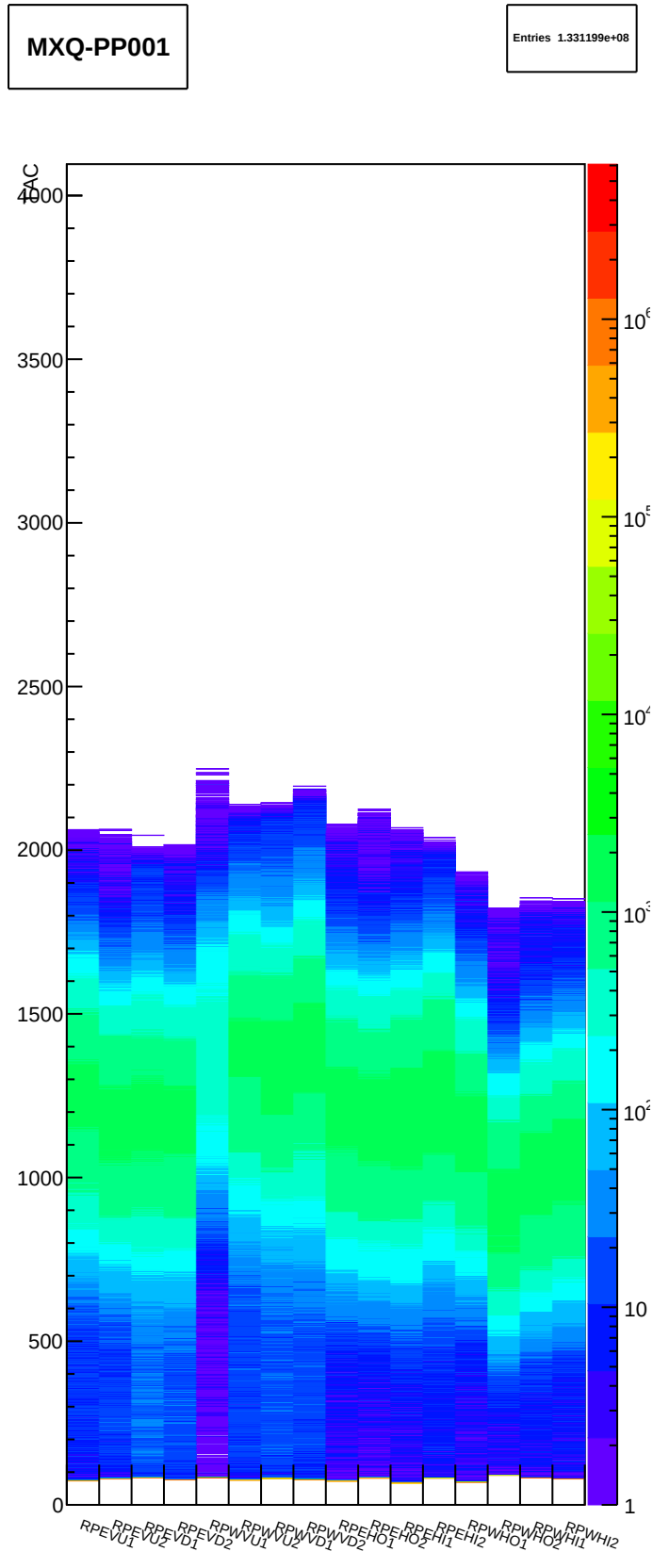

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1.663999e+07
TAC sum
1st-Best
2nd-Best
ID

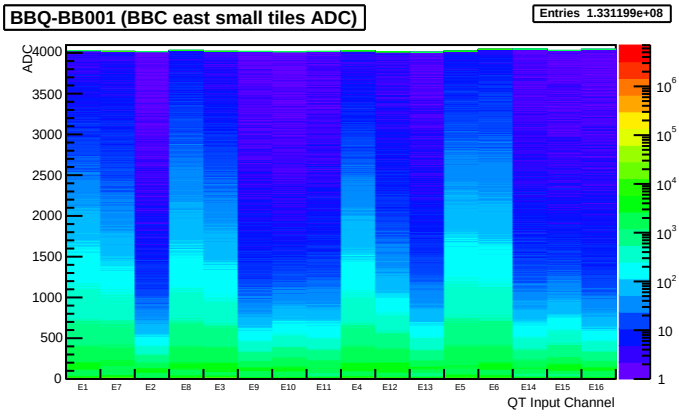

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1.663999e+07
TAC sum
1st-Best
2nd-Best
ID

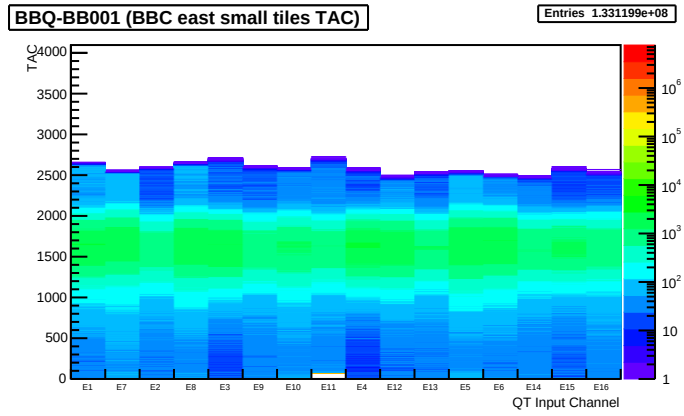

MIX-MT102 Input: VP003 Max TAC
Entries 8319995

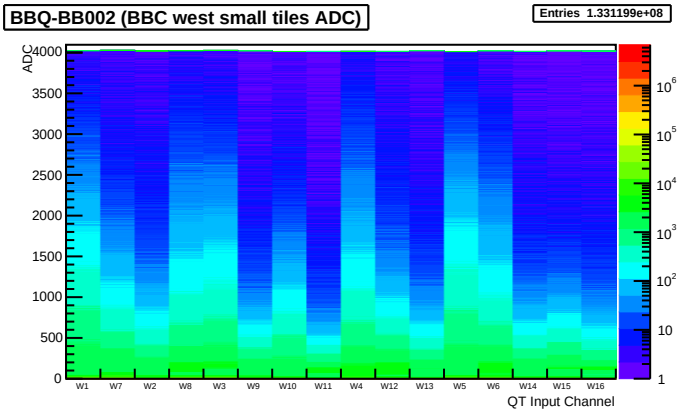

MIX-MT102 Input: VP004 Max TAC
Entries 8319995

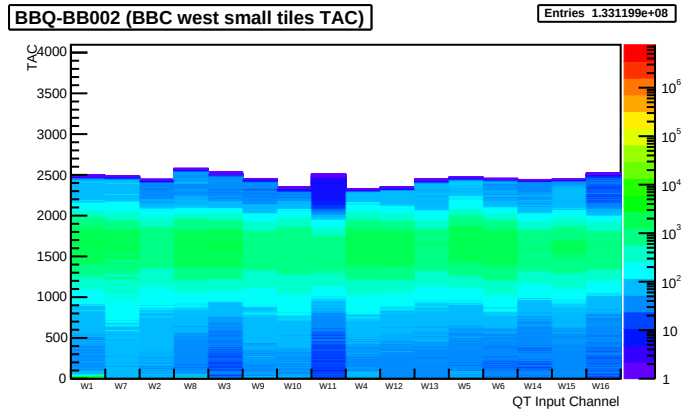

MXQ-PP001
Entries 1.331199e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

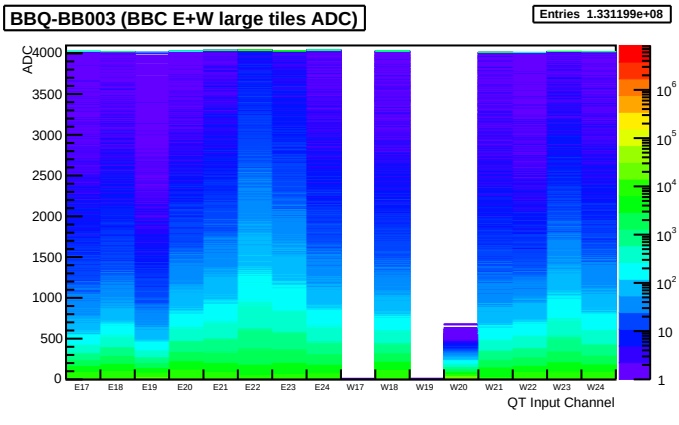

MXQ-PP001
Entries 1.331199e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

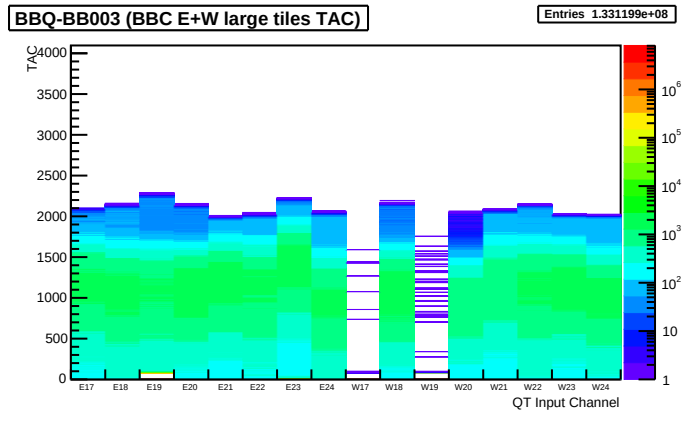

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.331199e+08
ADC
QT Input Channel

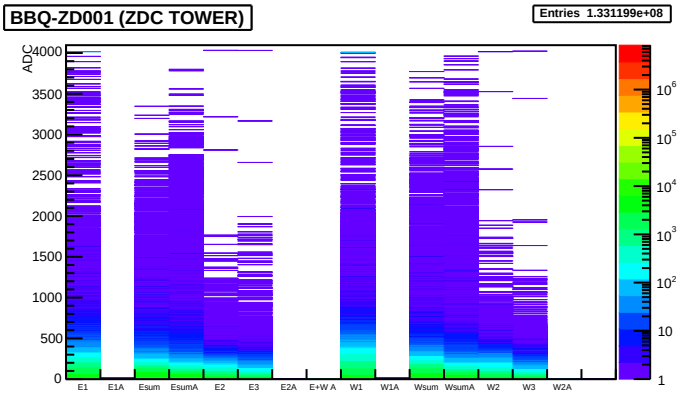

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.331199e+08
TAC
QT Input Channel

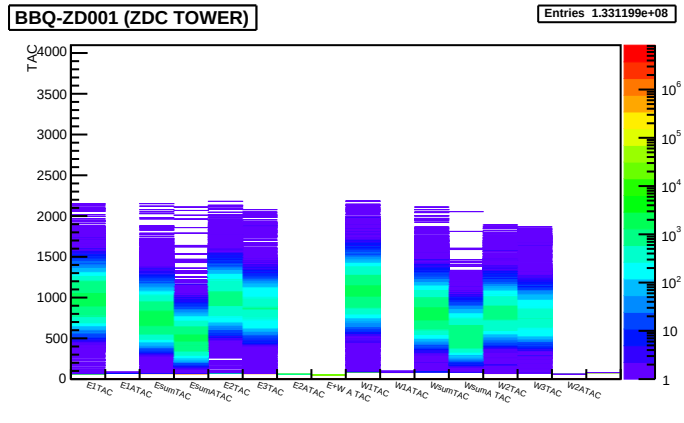

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.331199e+08
ADC
QT Input Channel

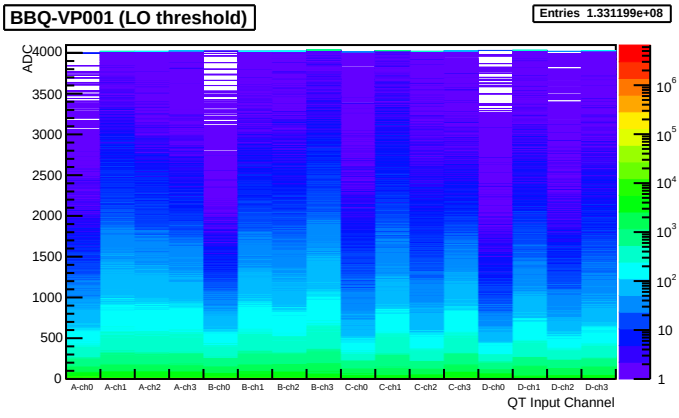

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.331199e+08
TAC
QT Input Channel

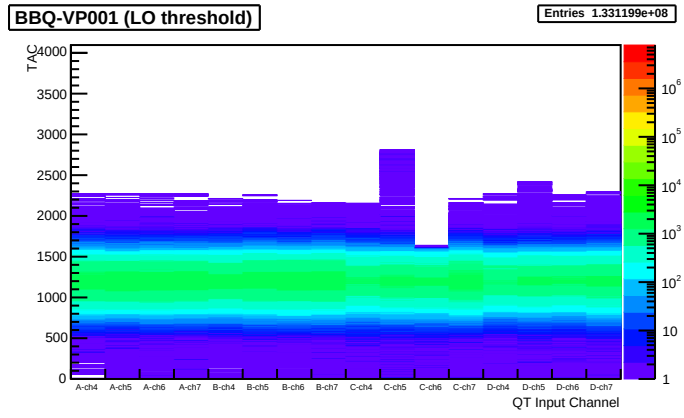

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.331199e+08
ADC
QT Input Channel

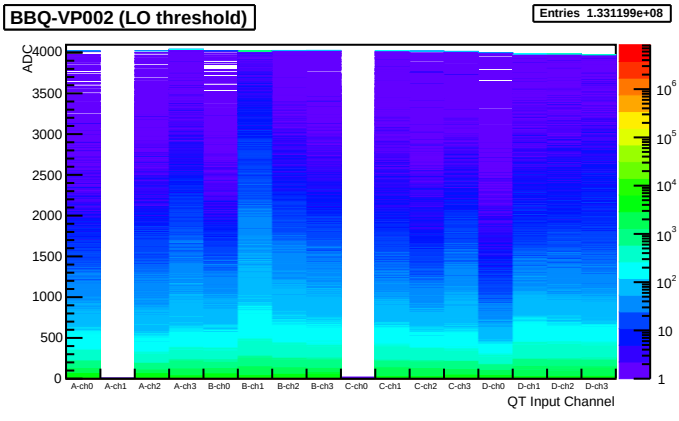

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.331199e+08
TAC
QT Input Channel

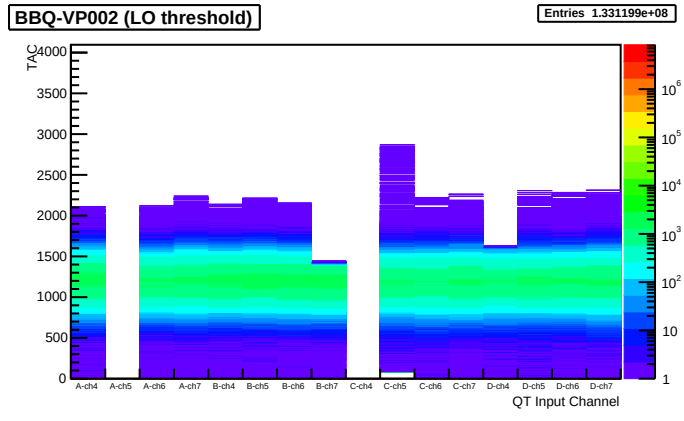

BBQ-ZD001 (ZDC TOWER)
Entries 1.331199e+08
ADC

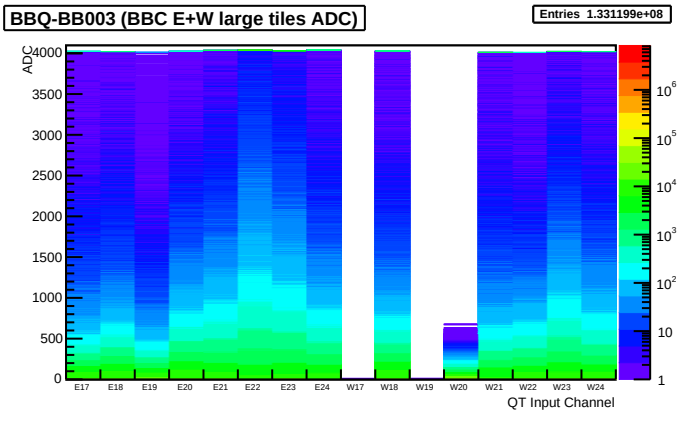

BBQ-ZD001 (ZDC TOWER)
Entries 1.331199e+08
TAC

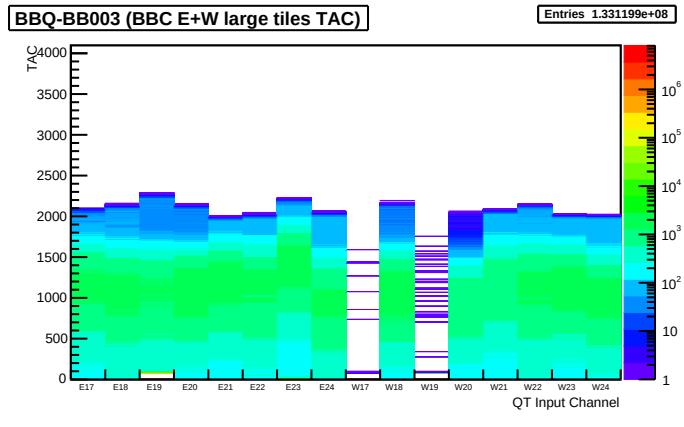

BBQ-VP001 (LO threshold)
Entries 1.331199e+08
ADC
QT Input Channel

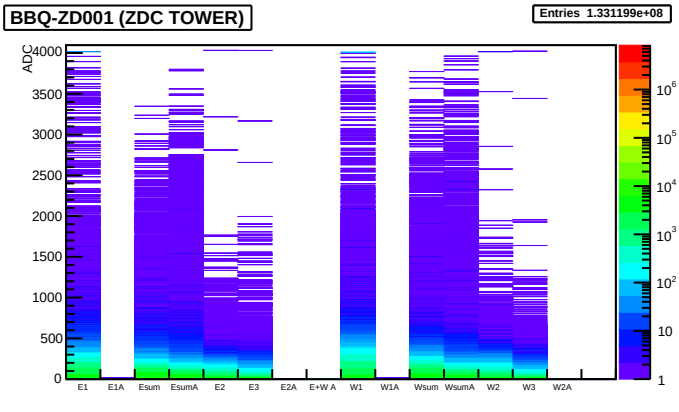

BBQ-VP001 (LO threshold)
Entries 1.331199e+08
TAC
QT Input Channel

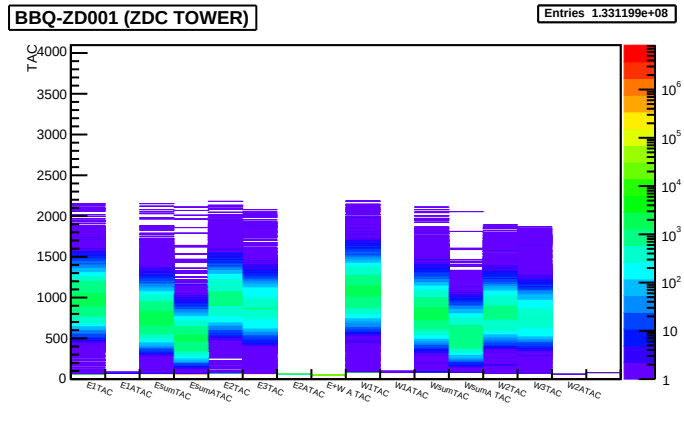

BBQ-VP002 (LO threshold)
Entries 1.331199e+08
ADC
QT Input Channel

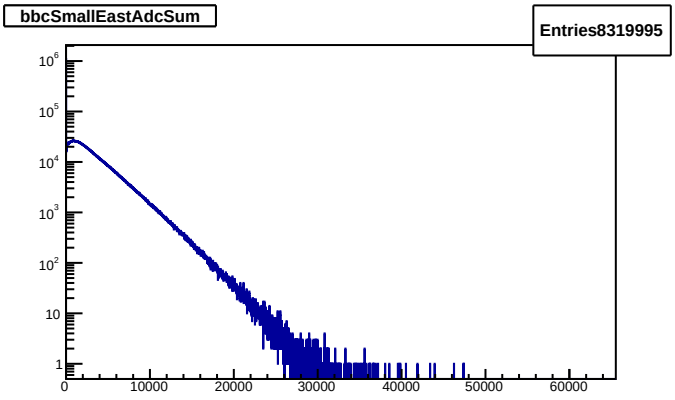

BBQ-VP002 (LO threshold)
Entries 1.331199e+08
TAC
QT Input Channel

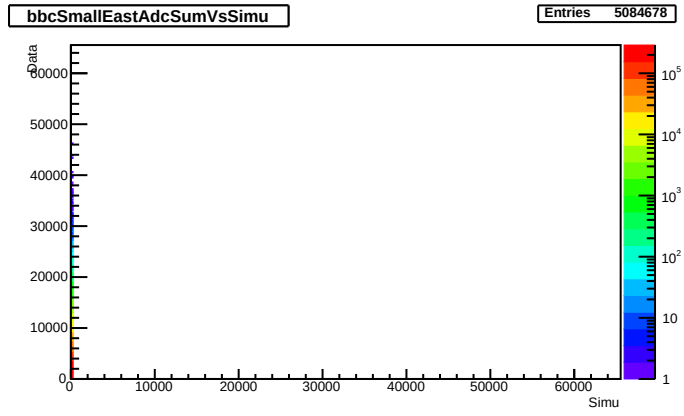

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.331199e+08
ADC
QT Input Channel

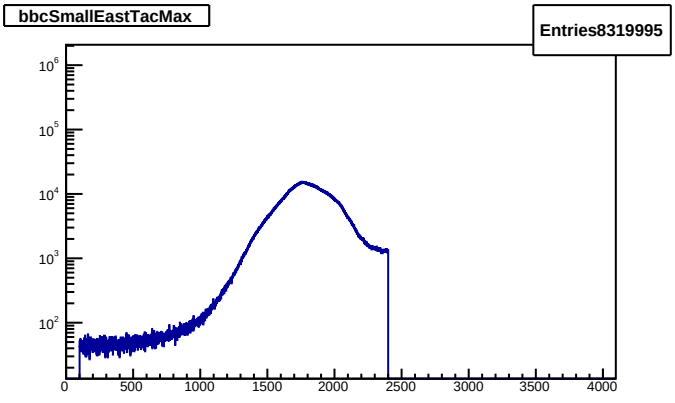

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.331199e+08
TAC
QT Input Channel

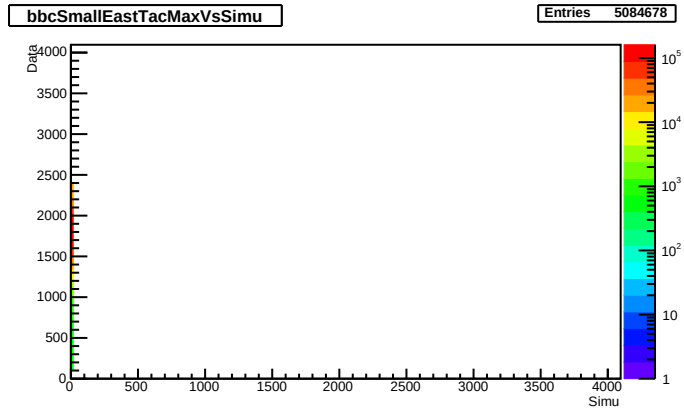

BBQ-ZD001 (ZDC TOWER)
Entries 1.331199e+08
ADC

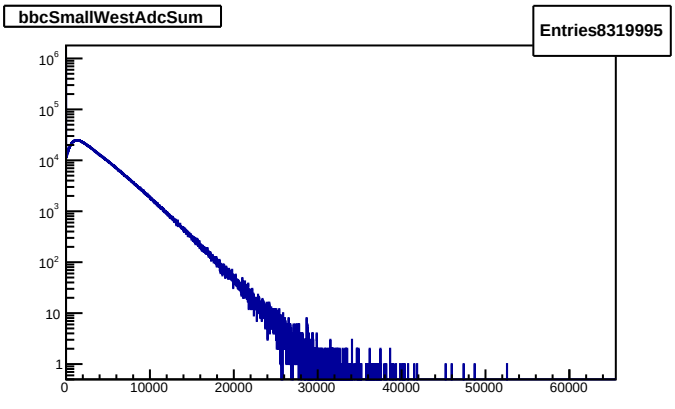

BBQ-ZD001 (ZDC TOWER)
Entries 1.331199e+08
TAC

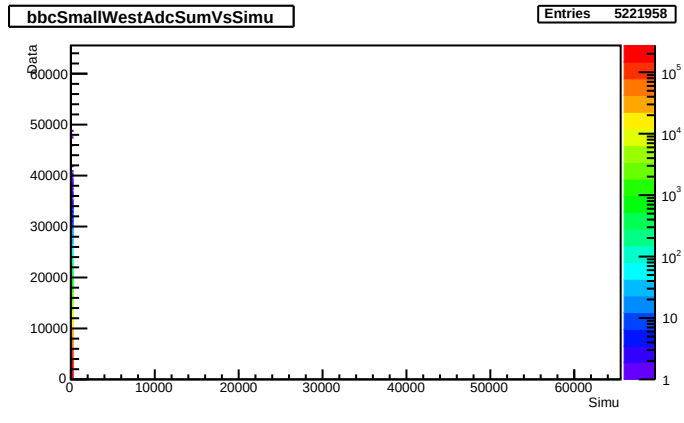

bbcSmallEastAdcSum
Entries8319995

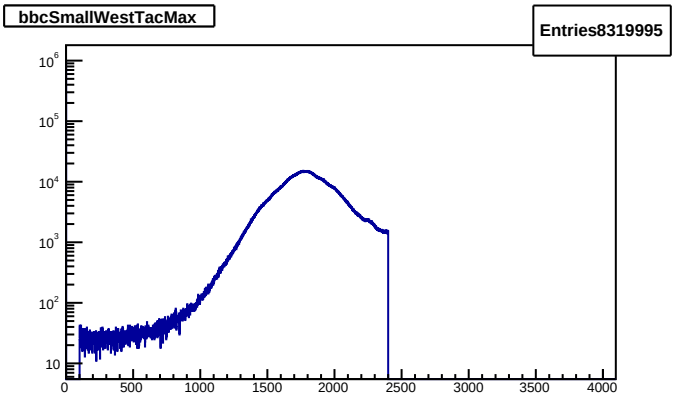

bbcSmallEastAdcSumVsSimu
Entries 5084678
Data
Simu

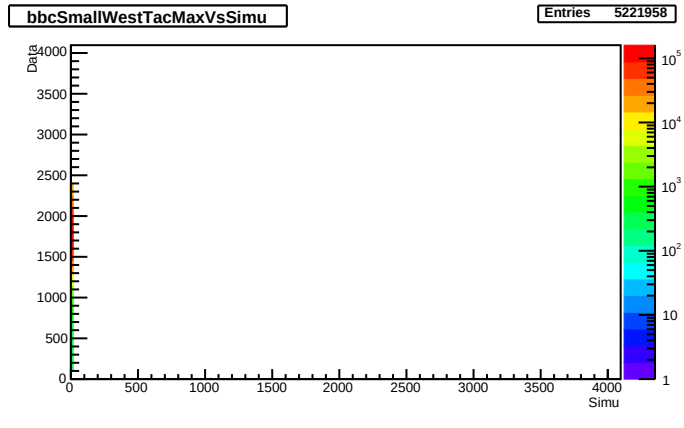

bbcSmallEastTacMax
Entries8319995

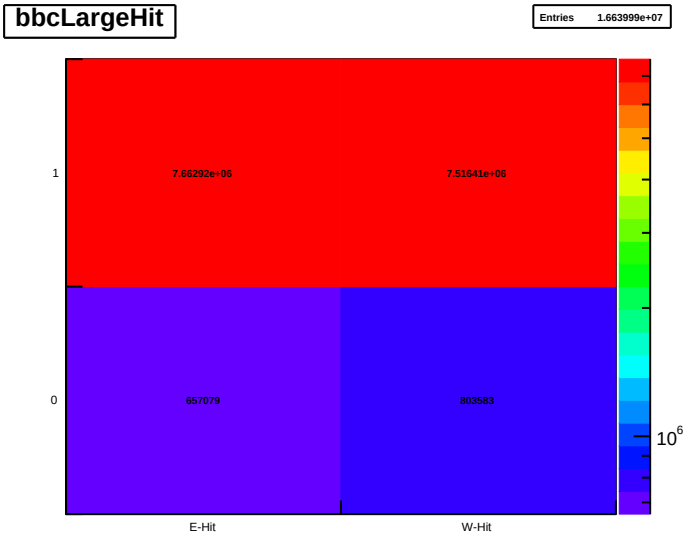

bbcSmallEastTacMaxVsSimu
Entries 5084678
Data
Simu

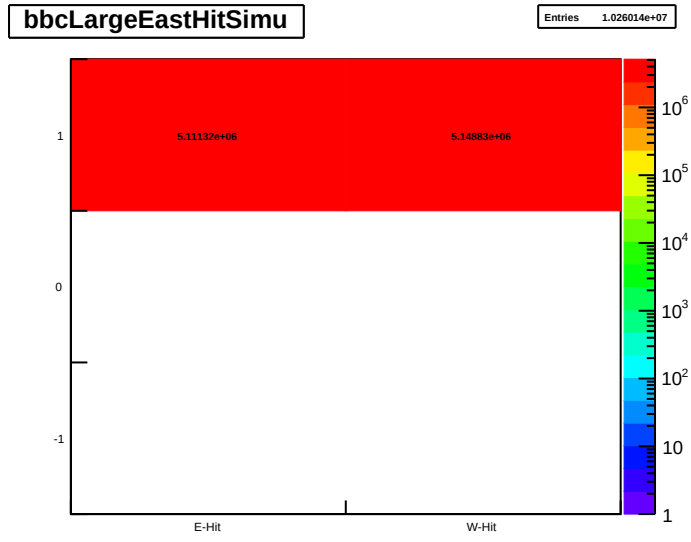

bbcSmallWestAdcSum
Entries8319995

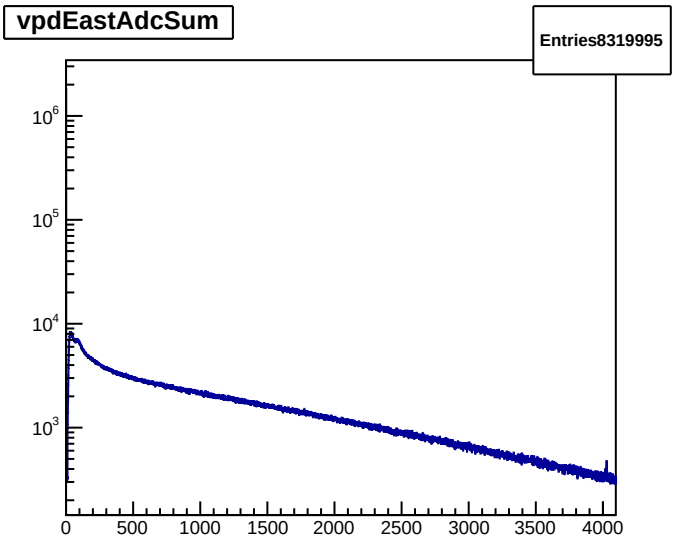

bbcSmallWestAdcSumVsSimu
Entries 5221958
Data
Simu

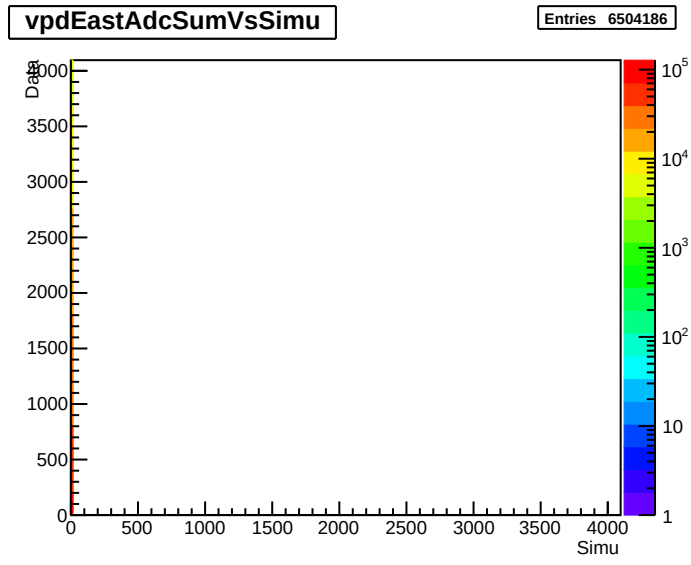

bbcSmallWestTacMax
Entries8319995

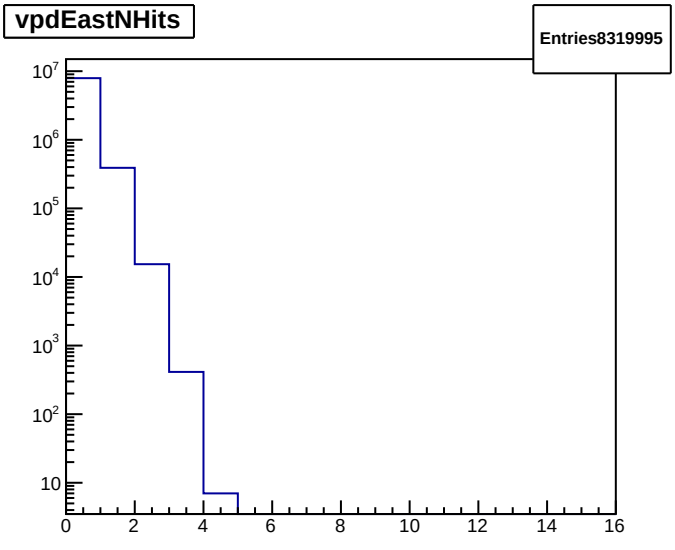

bbcSmallWestTacMaxVsSimu
Entries 5221958
Data
Simu

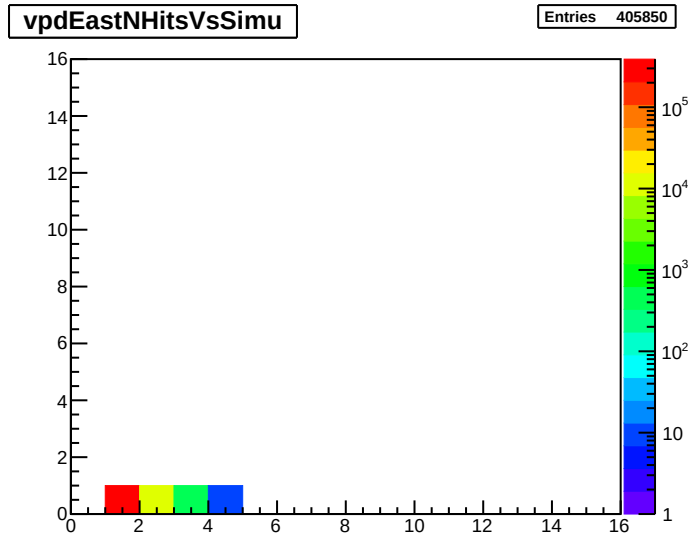

bbcLargeHit
Entries 1.663999e+07
1
0
7.66292e+06
7.51641e+06
657079
803583
E-Hit
W-Hit
10^6

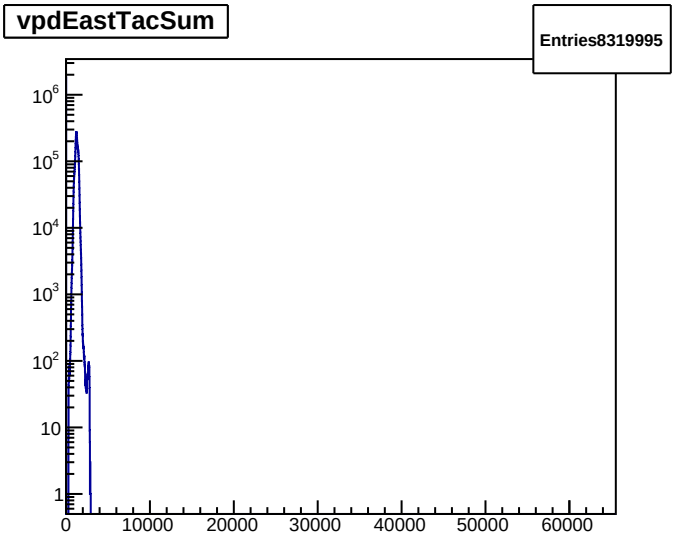

bbcLargeEastHitSimu
Entries 1.026014e+07
1
0
-1
5.11132e+06
5.14883e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

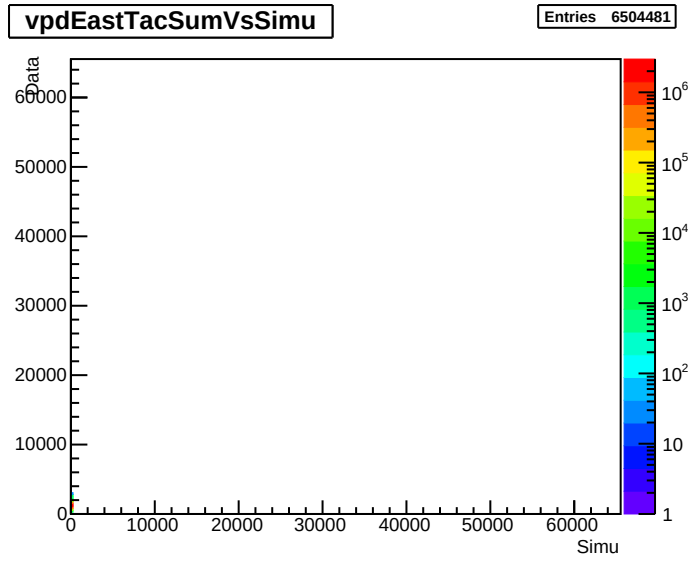

vpdEastAdcSum
Entries8319995

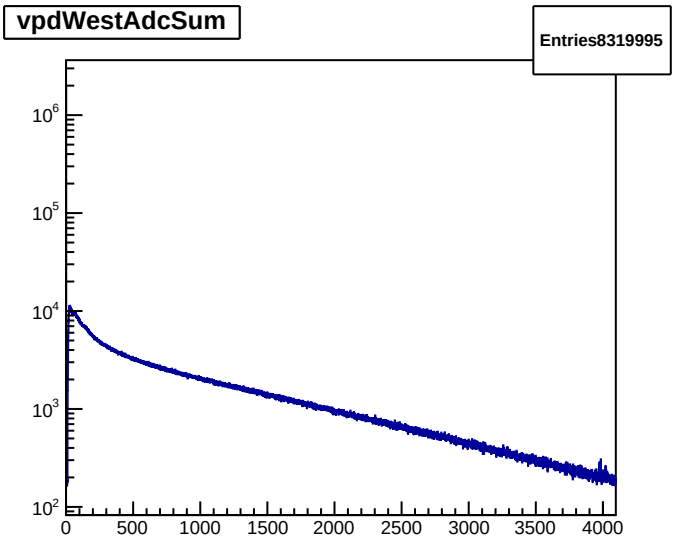

vpdEastAdcSumVsSimu
Entries 6504186
Data
Simu

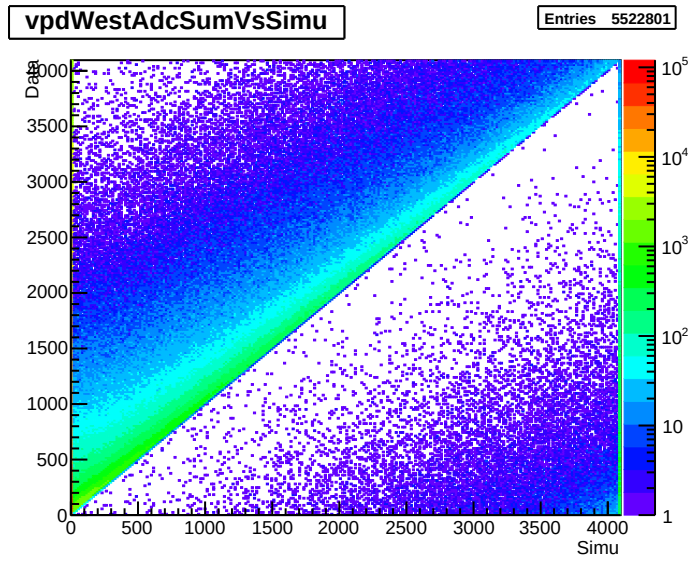

vpdEastNHits
Entries8319995

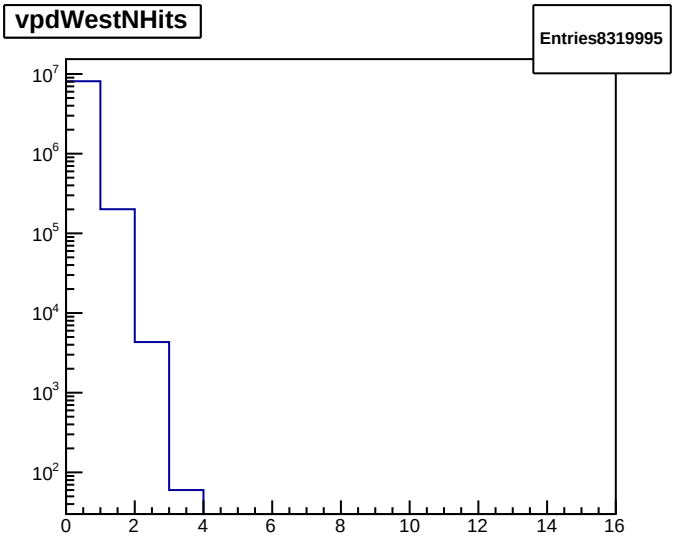

vpdEastNHitsVsSimu
Entries 405850

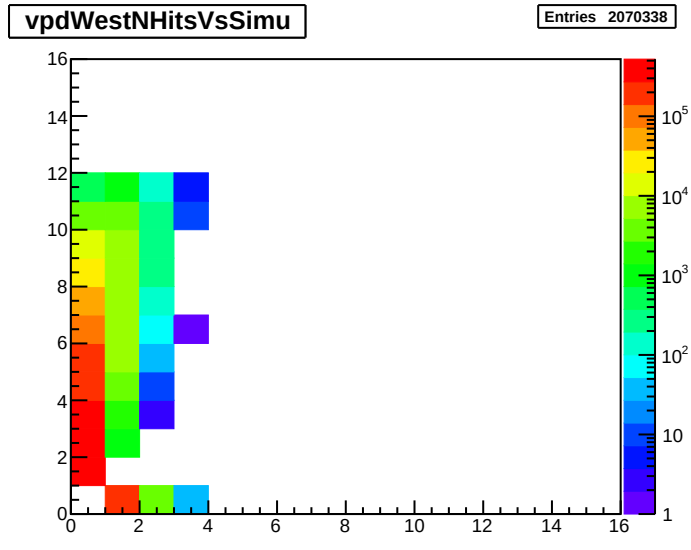

vpdEastTacSum
Entries8319995

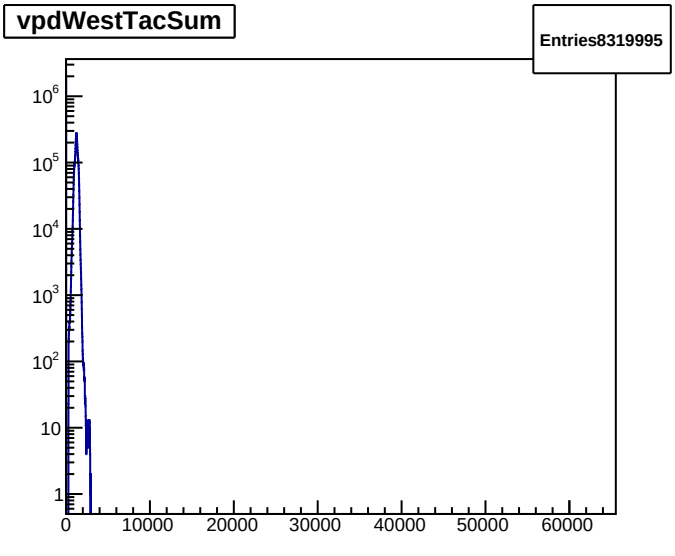

vpdEastTacSumVsSimu
Entries 6504481
Data
Simu

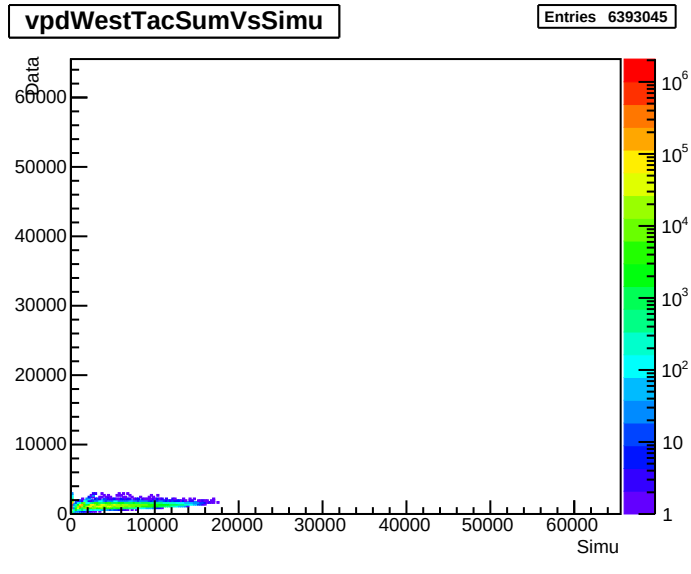

vpdWestAdcSum
Entries8319995

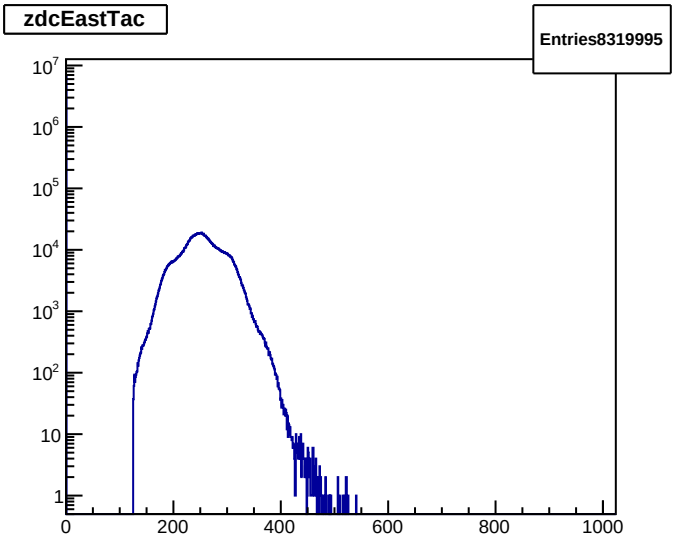

vpdWestAdcSumVsSimu
Entries 5522801
Data
Simu

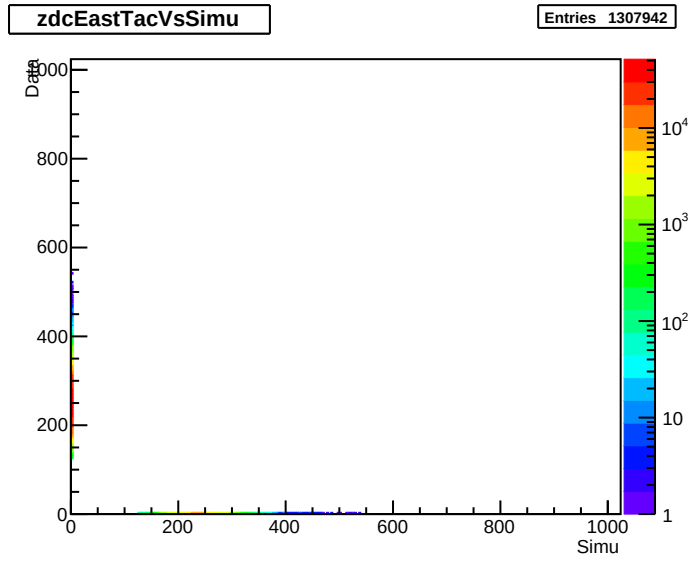

vpdWestNHits
Entries8319995

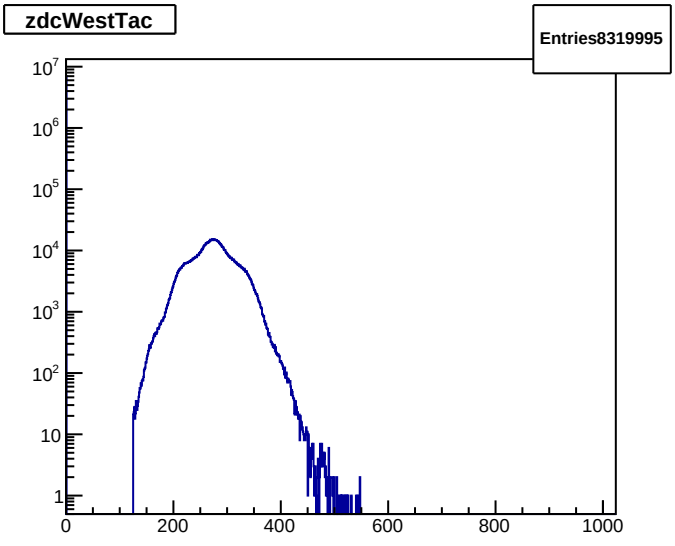

vpdWestNHitsVsSimu
Entries 2070338

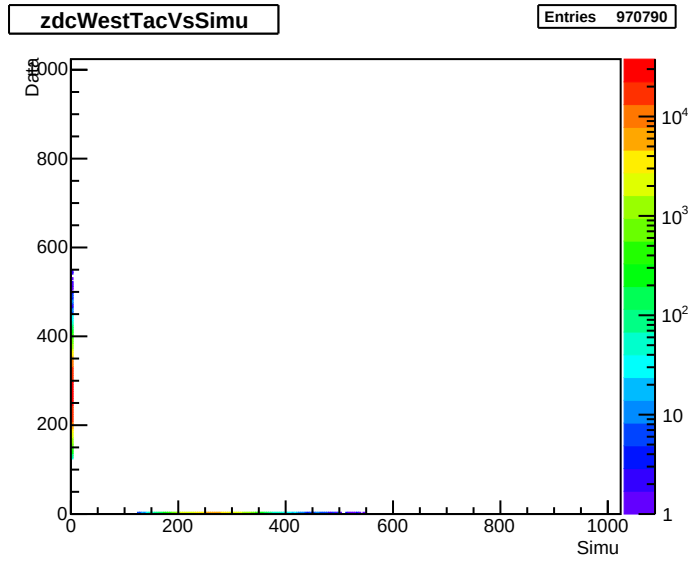

vpdWestTacSum
Entries8319995

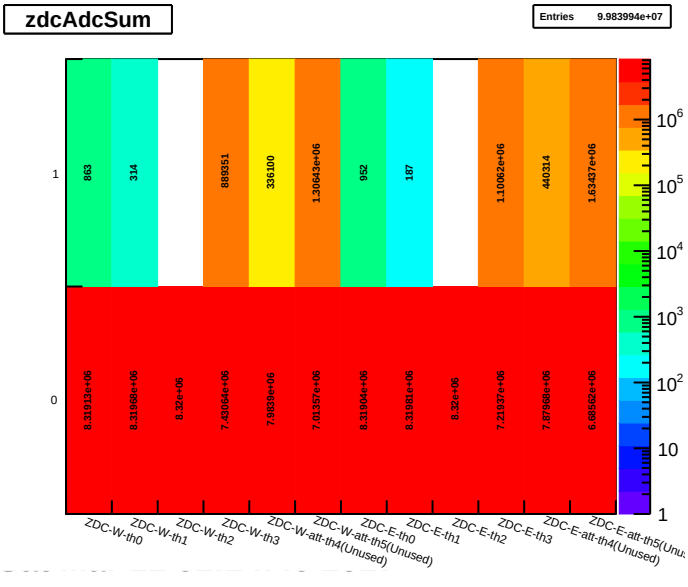

vpdWestTacSumVsSimu
Entries 6393045
Data
Simu

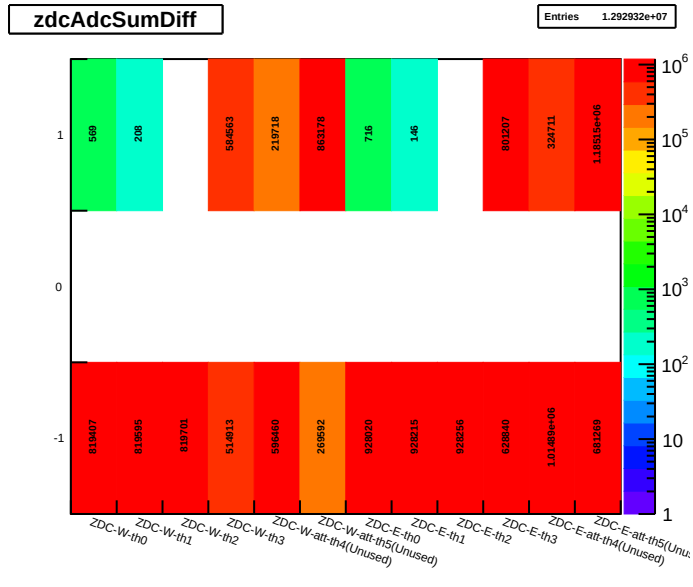

zdcEastTac
Entries8319995

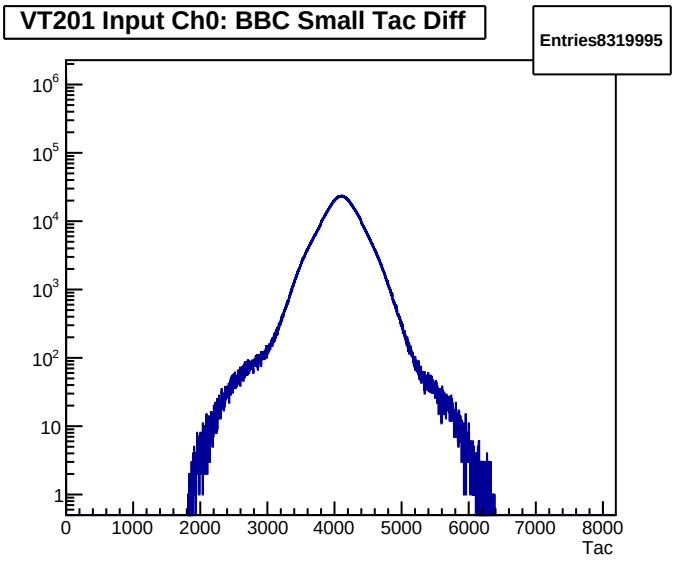

zdcEastTacVsSimu
Entries 1307942
Data
Simu

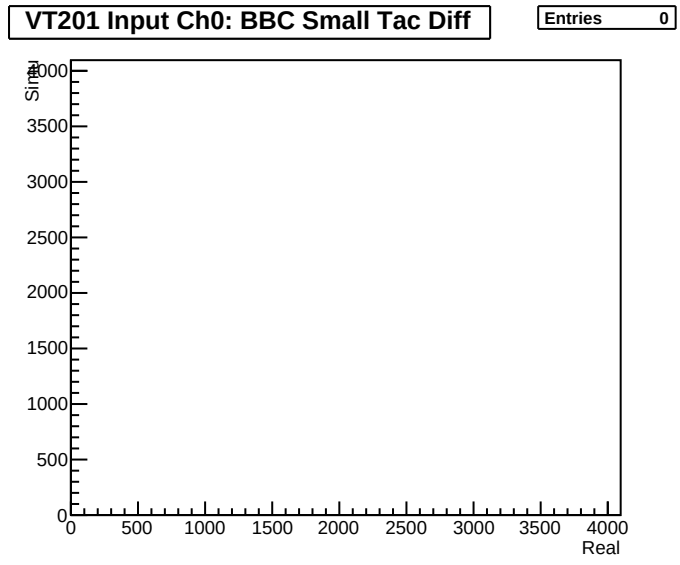

zdcWestTac
Entries8319995

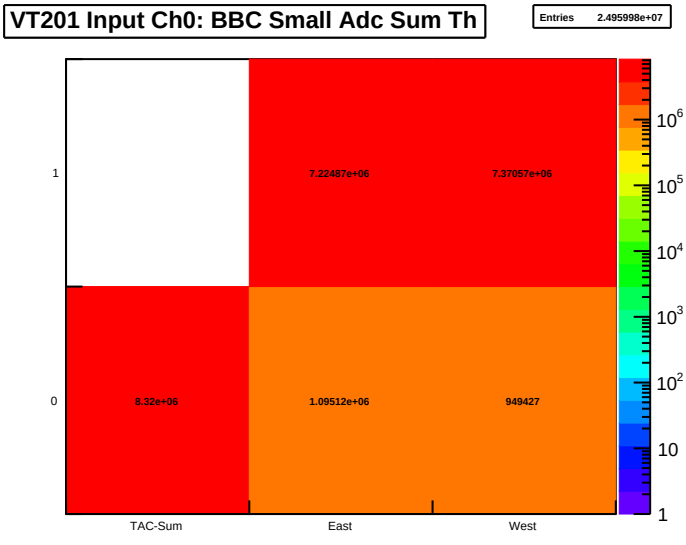

zdcWestTacVsSimu
Entries 970790
Data
Simu

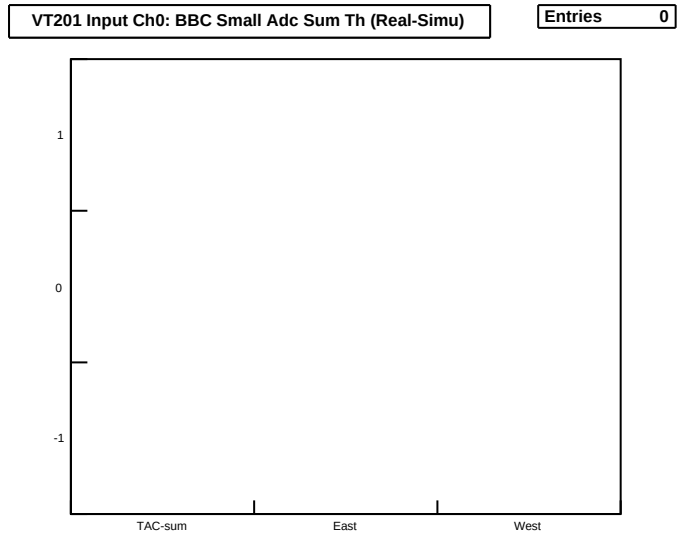

zdcAdcSum
Entries 9.983994e+07
863
314
883951
336100
1.30643e+06
952
187
1.10062e+06
440314
1.63437e+06
8.31913e+06
8.31958e+05
8.32e+06
7.45064e+06
7.9839e+06
7.01357e+06
8.31904e+06
8.31981e+06
8.32e+06
7.21937e+06
7.87968e+06
6.68562e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

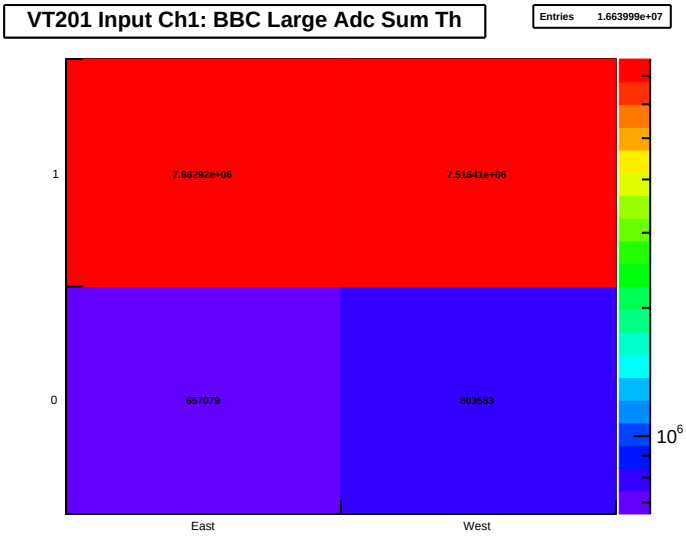

zdcAdcSumDiff
Entries 1.292932e+07
569
208
584563
219718
863178
716
146
801207
324711
1.18515e+06
819407
819595
819701
514913
596460
269592
928020
928215
928256
628840
1.01489e+06
681269
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

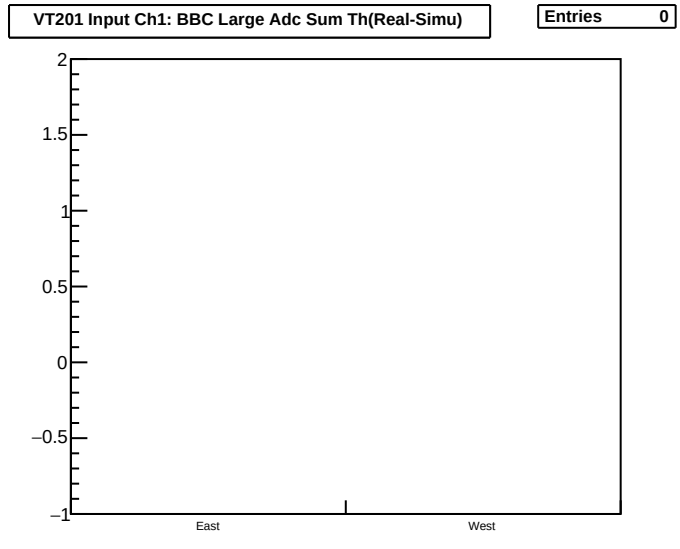

VT201 Input Ch0: BBC Small Tac Diff
Entries8319995
Tac


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

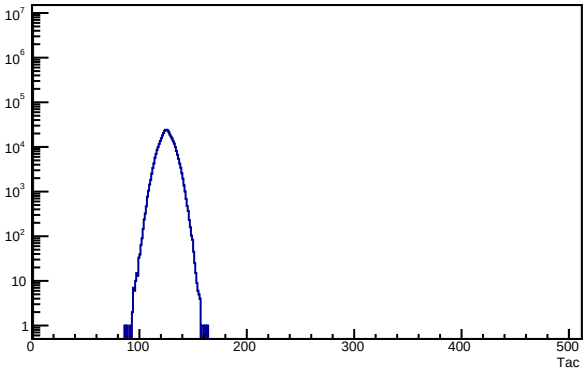

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.495998e+07
7.22487e+06
7.37057e+06
8.32e+06
1.09512e+06
949427
TAC-Sum
East
West


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

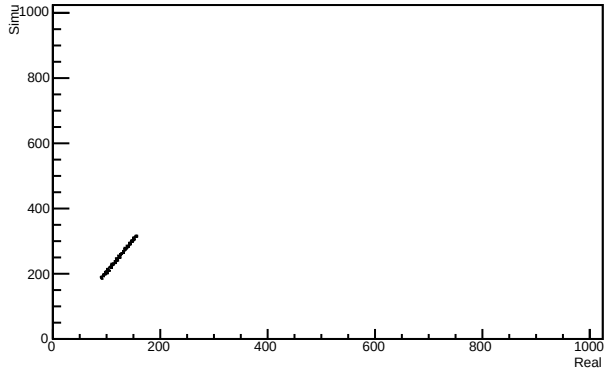

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.663999e+07
7.66292e+06
7.51641e+06
657079
803583
East
West


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

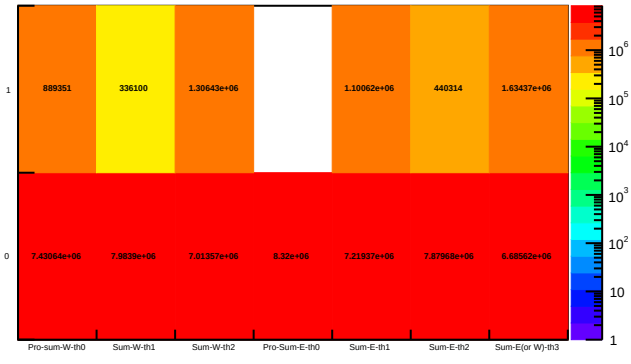
VT201 Input Ch2: ZDC Tac Diff



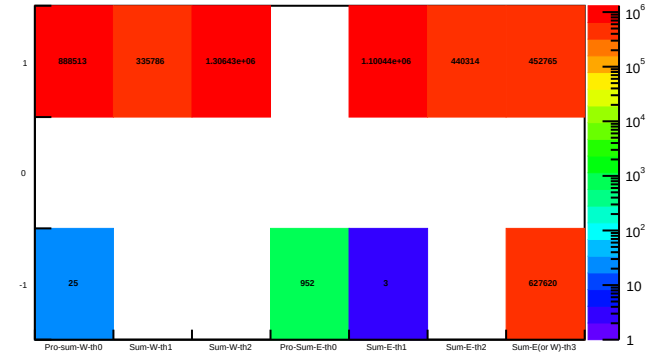
VT201 Input Ch2: ZDC Tac Diff



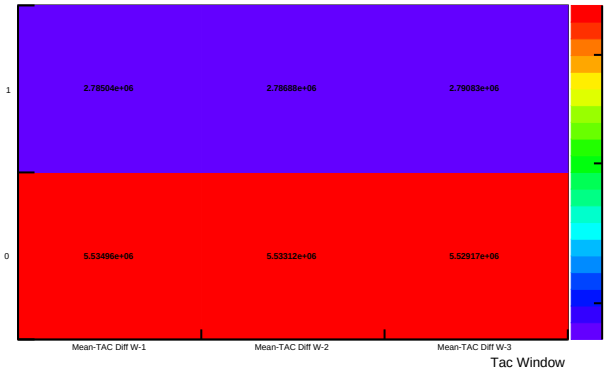
VT201 Input Ch2: ZDC Adc Sum Th



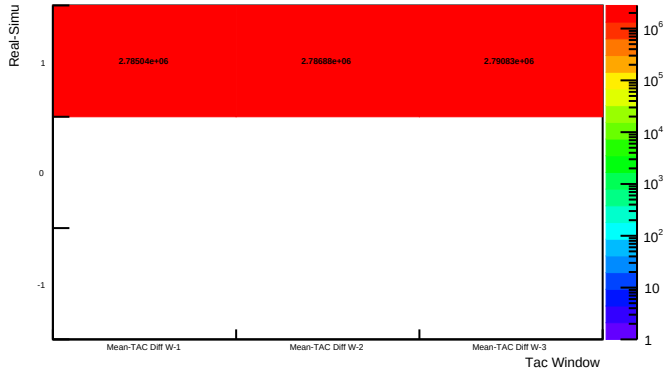
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



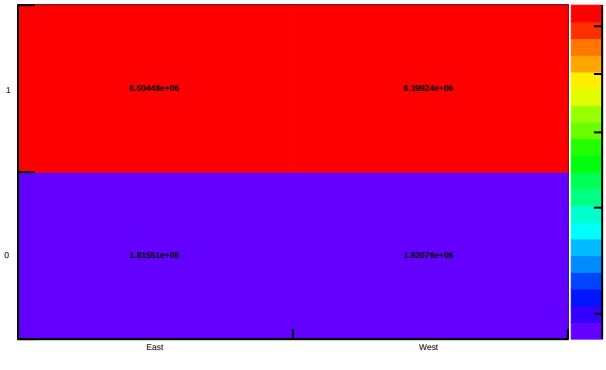
VT201 Input Ch4: VPD Tac Diff



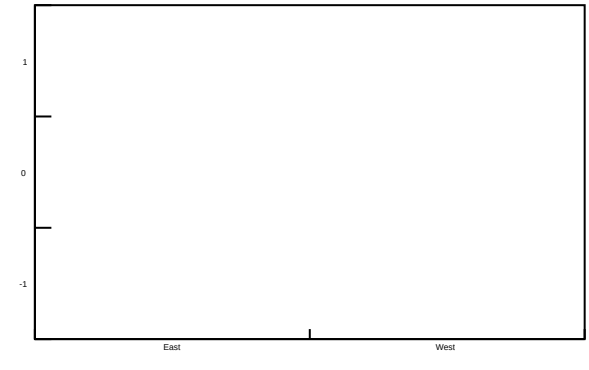
VT201 Input Ch4: VPD Tac Diff

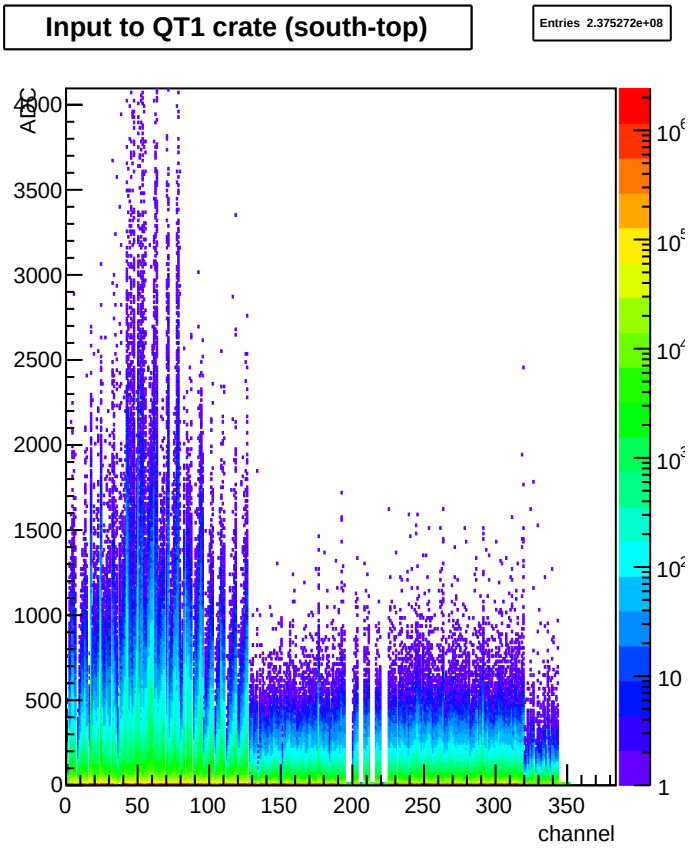


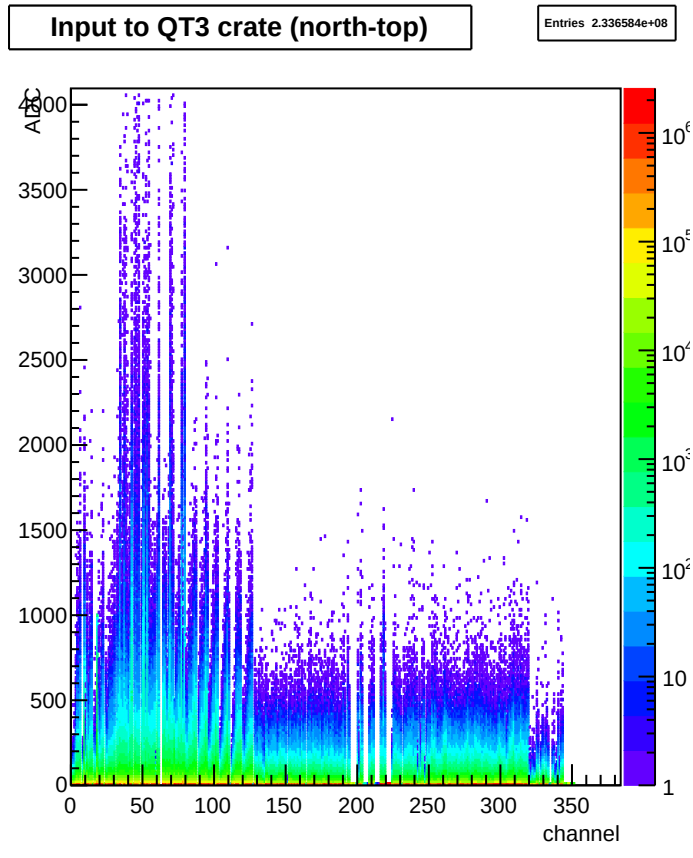
VT201 Input Ch4: VPD Adc Sum Th

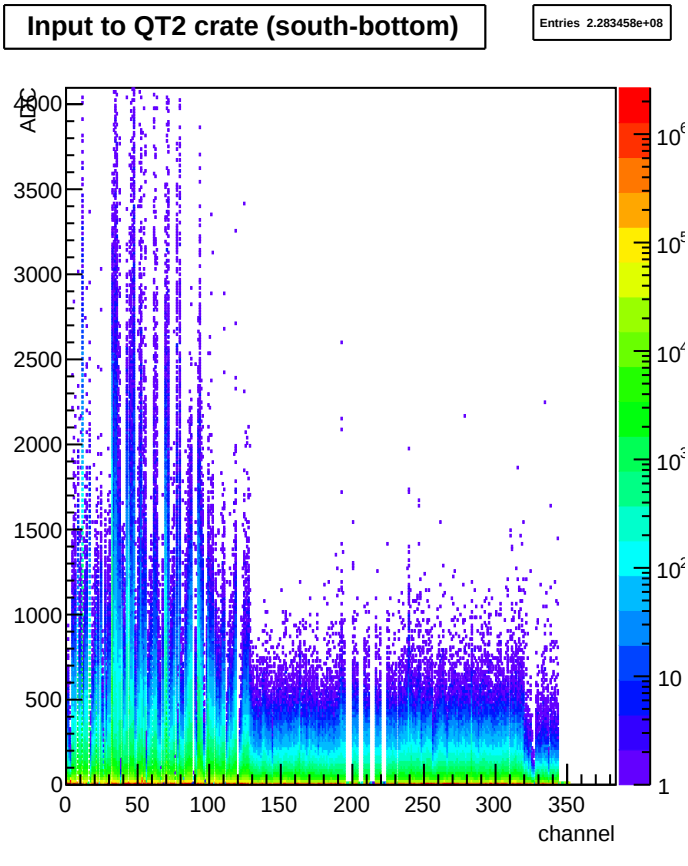


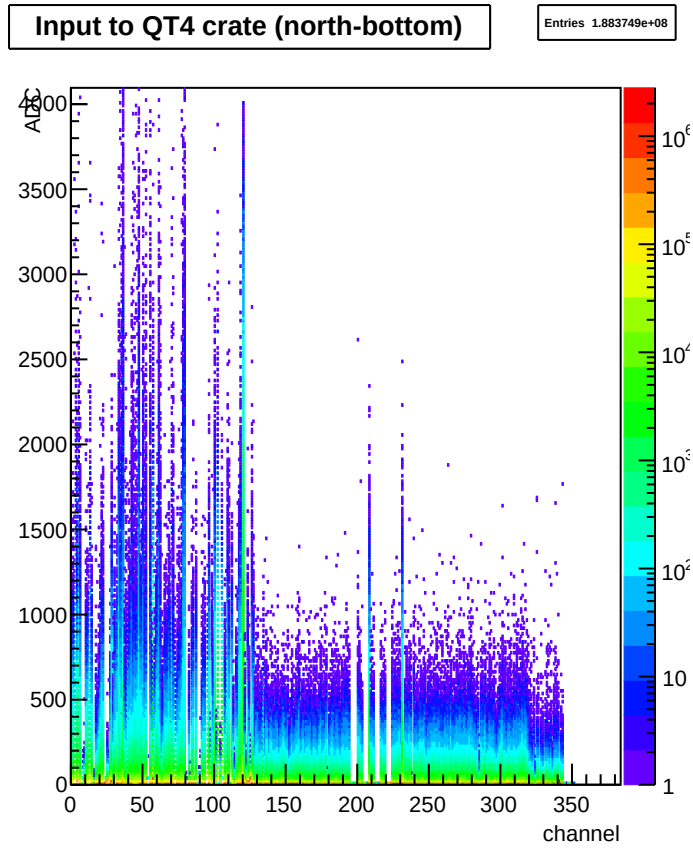
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

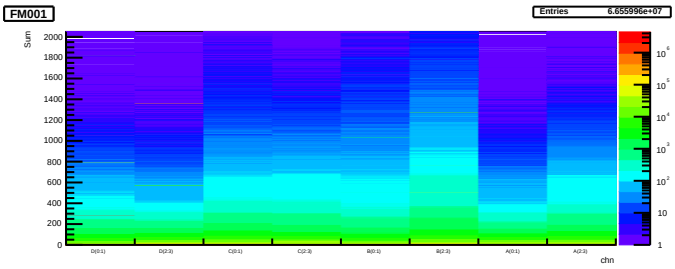


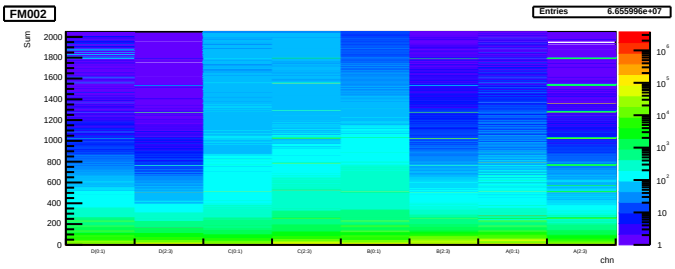

Input to QT1 crate (south-top)
Entries 2.375272e+08
ADC
channel

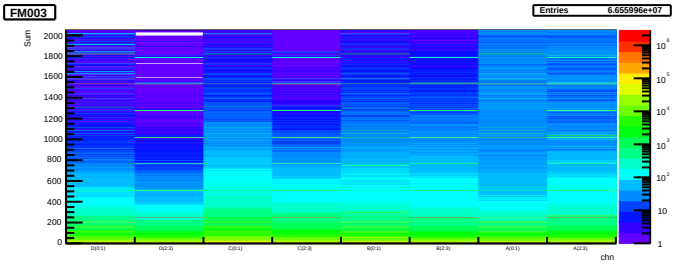

Input to QT3 crate (north-top)
Entries 2.336584e+08
ADC
channel

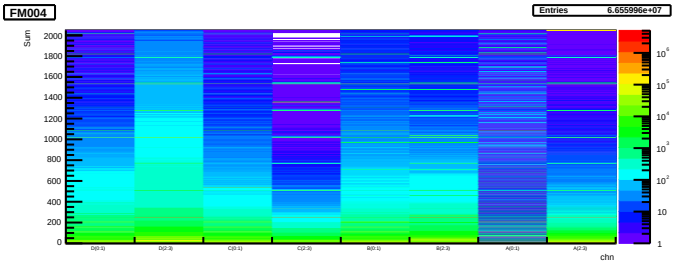

Input to QT2 crate (south-bottom)
Entries 2.283458e+08
ADC
channel

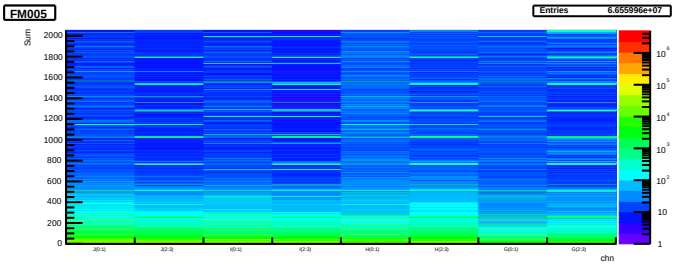

Input to QT4 crate (north-bottom)
Entries 1.883749e+08
ADC
channel

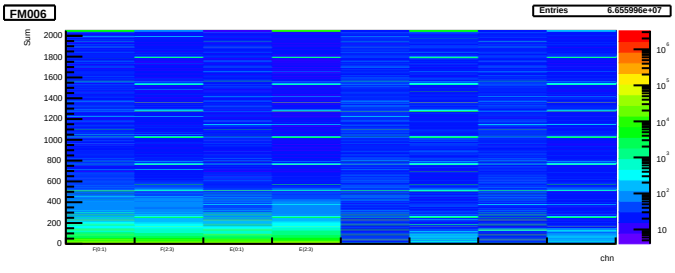

FM001
Entries 6.655996e+07
Sum
chn

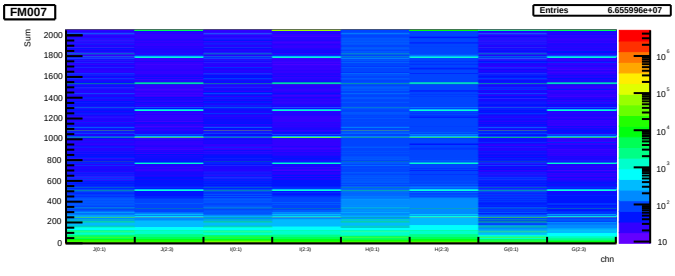

FM002
Entries 6.655996e+07
Sum
chn

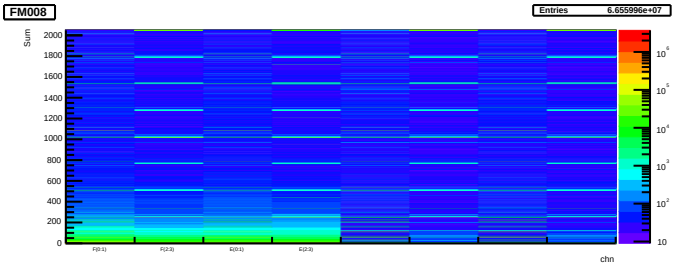

FM003
Entries 6.655996e+07
Sum
chn

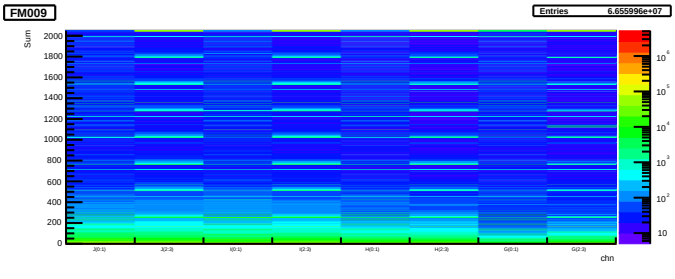

FM004
Entries 6.655996e+07
Sum
chn

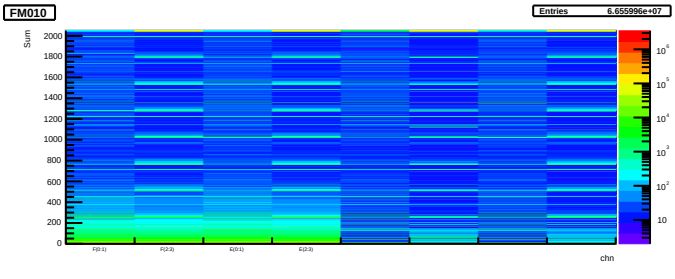

FM005
Entries 6.655996e+07
Sum
chn


FM006
Entries 6.655996e+07
Sum
chn


FM007
Entries 6.655996e+07
Sum
chn


FM008
Entries 6.655996e+07
Sum
chn


FM009
Entries 6.655996e+07
Sum
chn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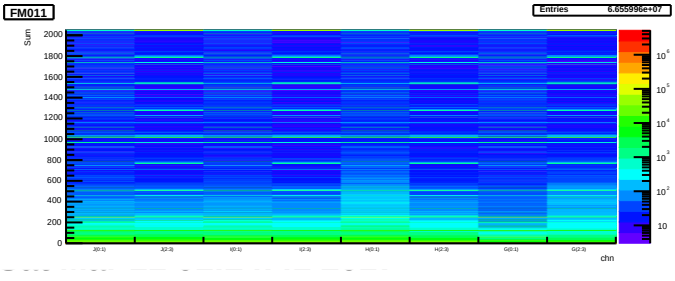
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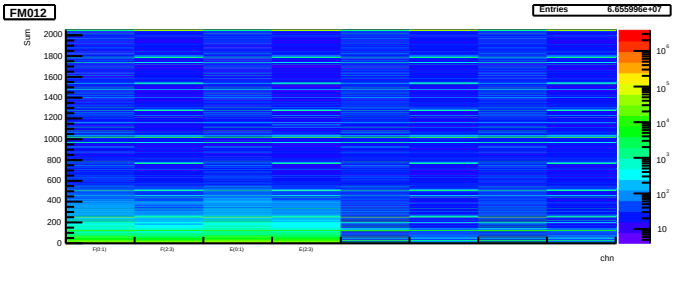
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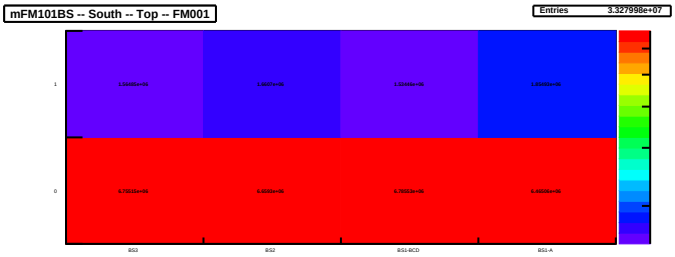
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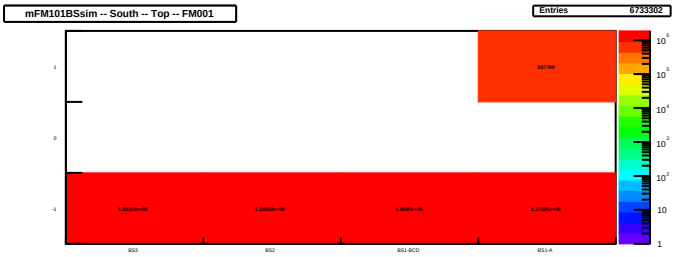
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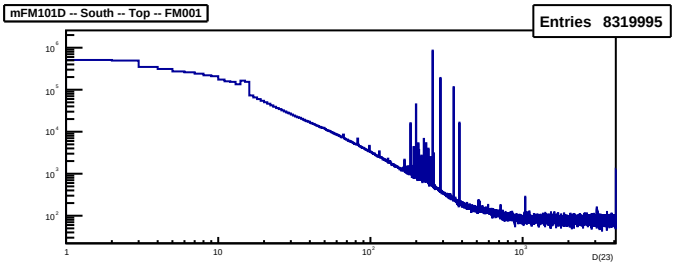
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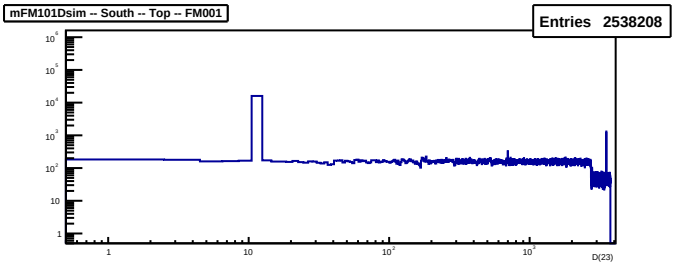
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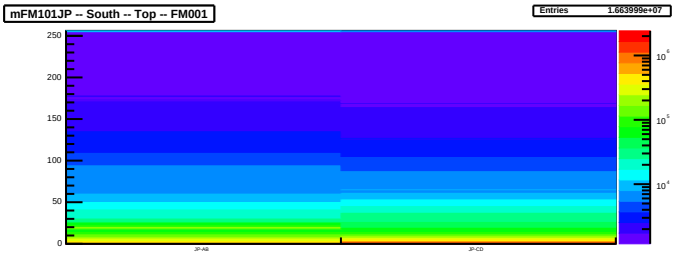
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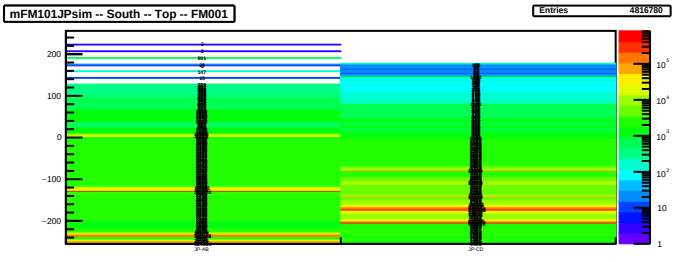
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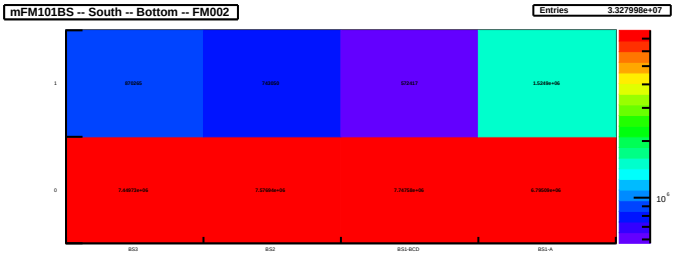
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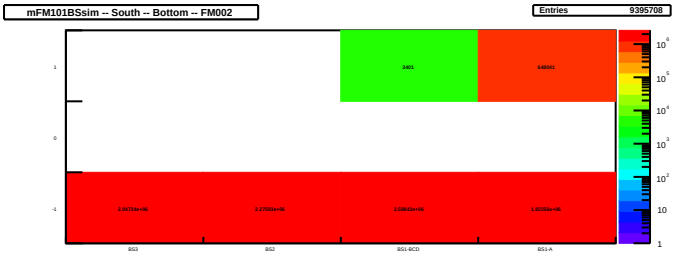
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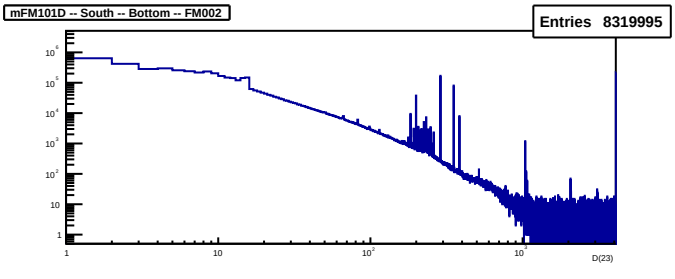
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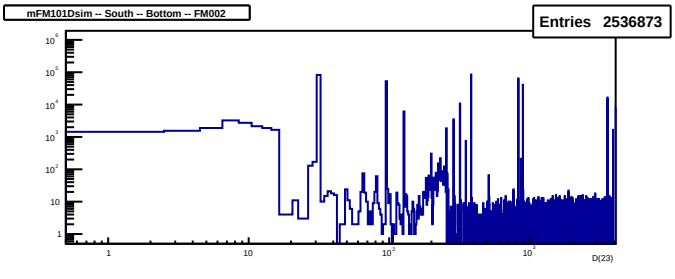
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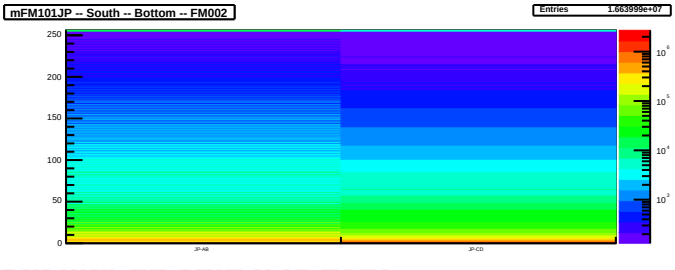
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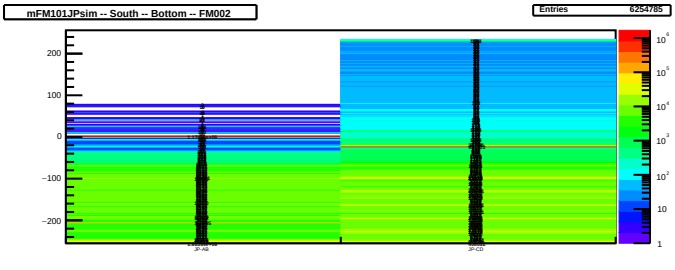
Entries 1.663999e+07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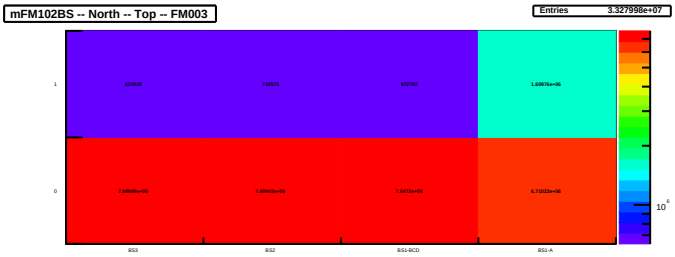
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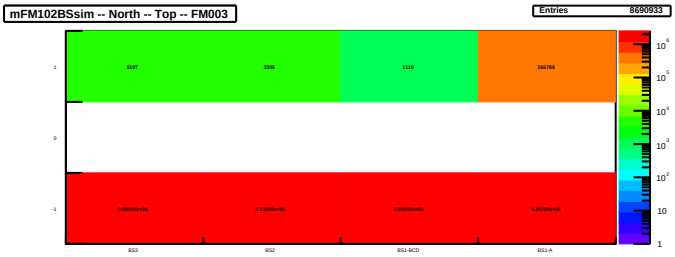
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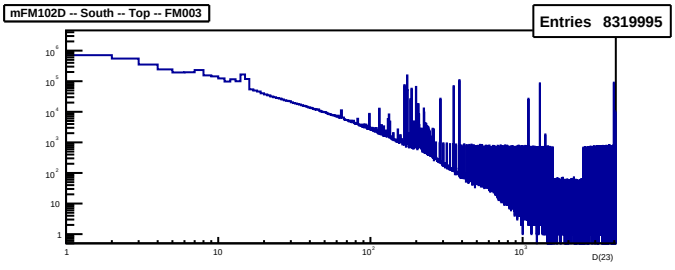
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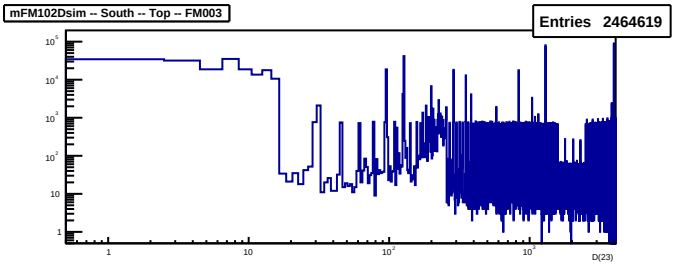
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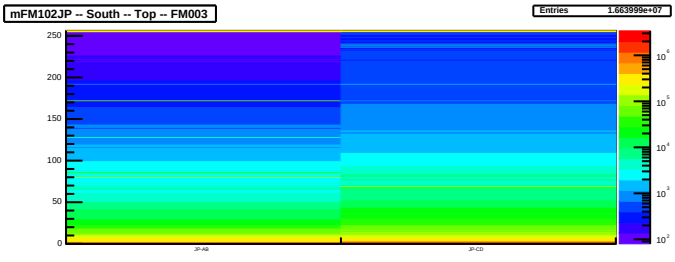
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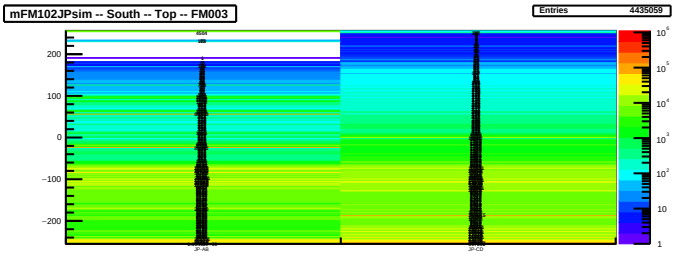
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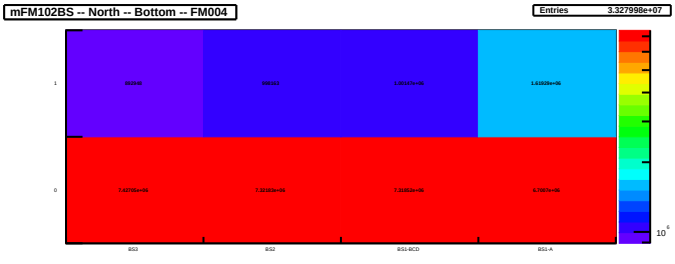
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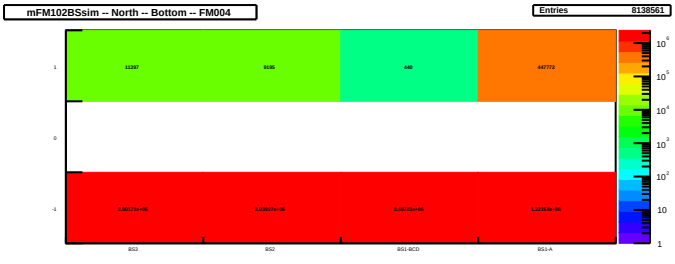
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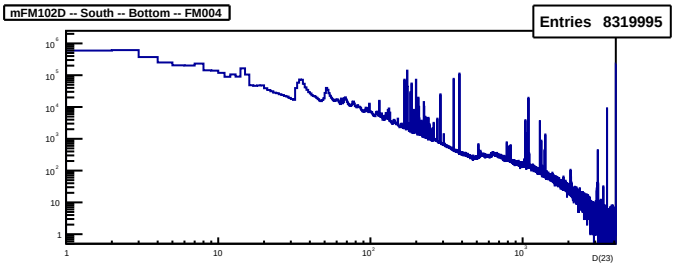
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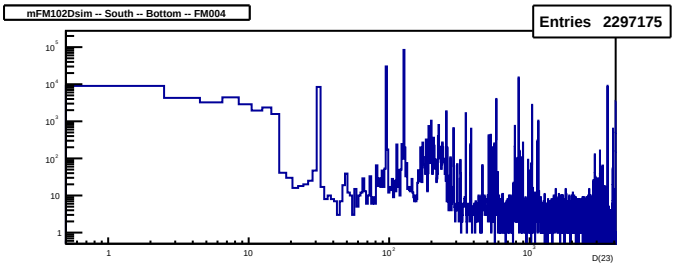
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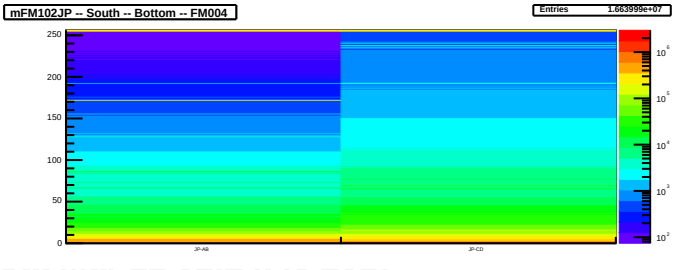
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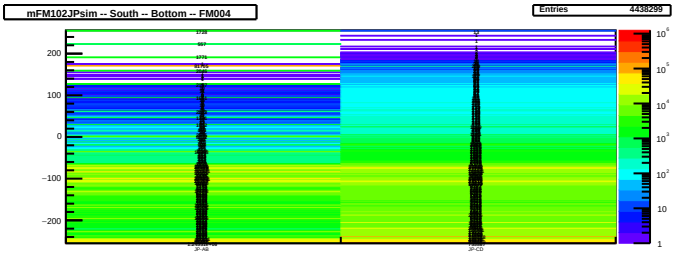
Entries 1.663999e+07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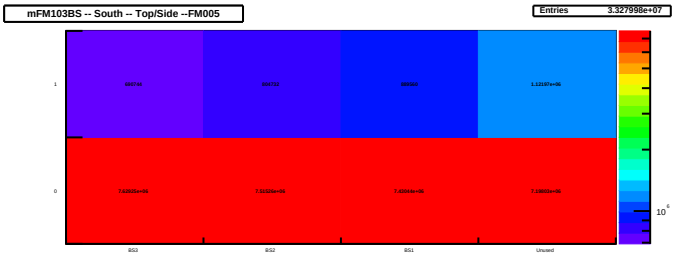
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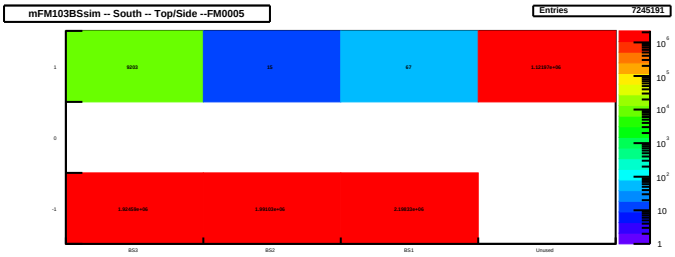
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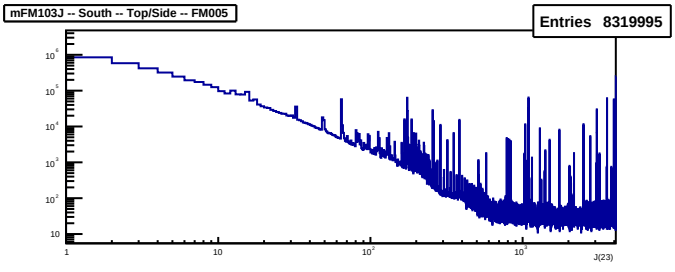
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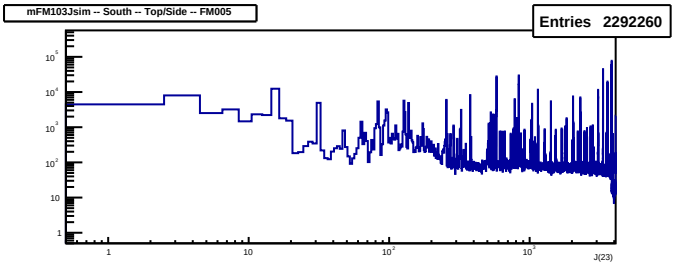
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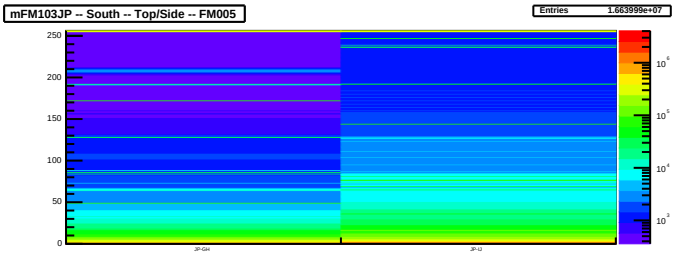
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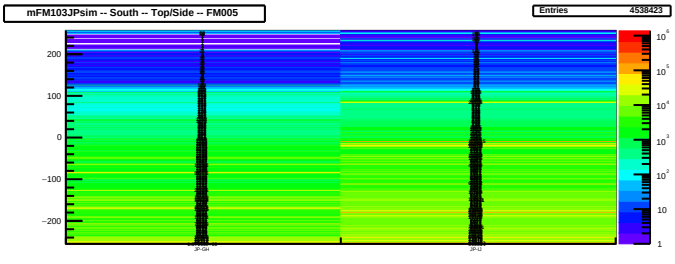
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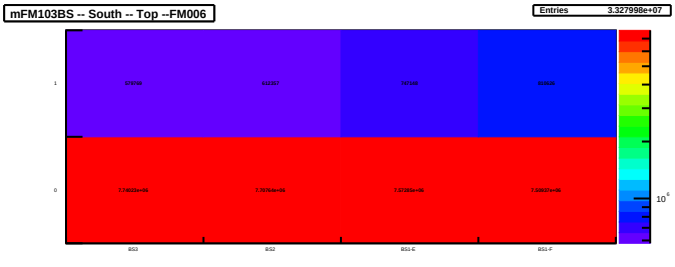
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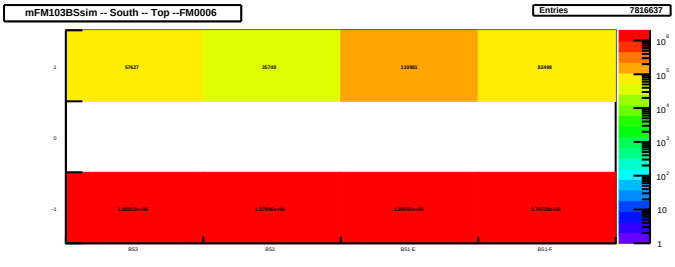
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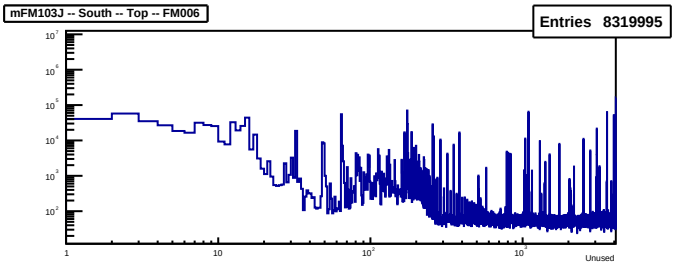
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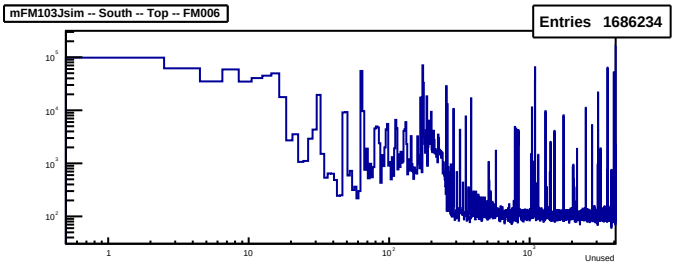
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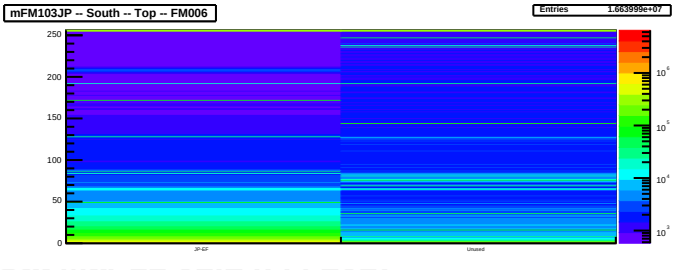
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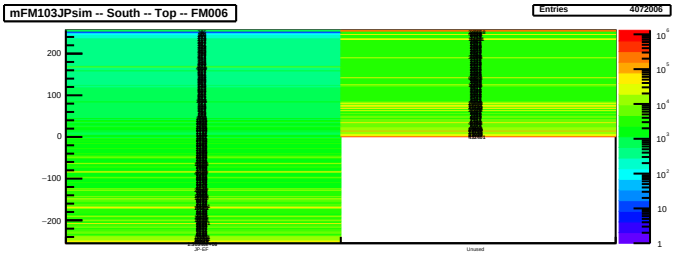
Entries 1.663999e+07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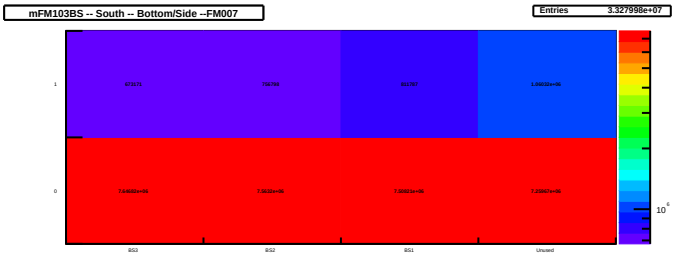
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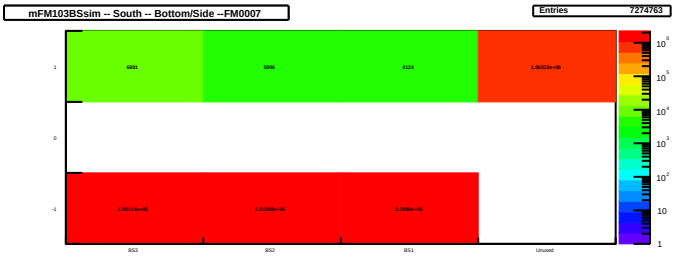
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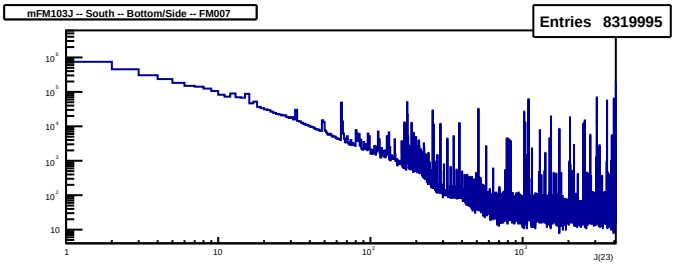
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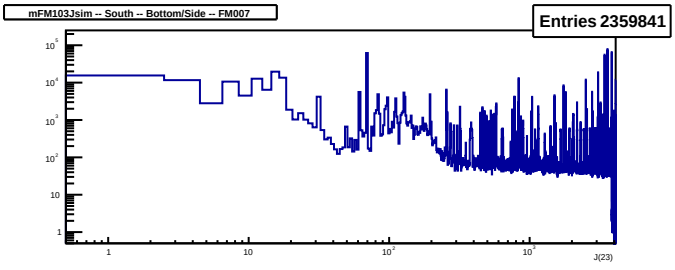
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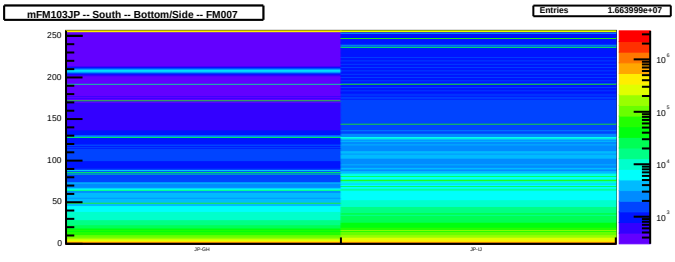
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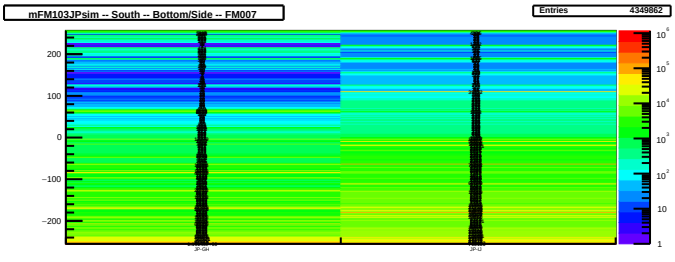
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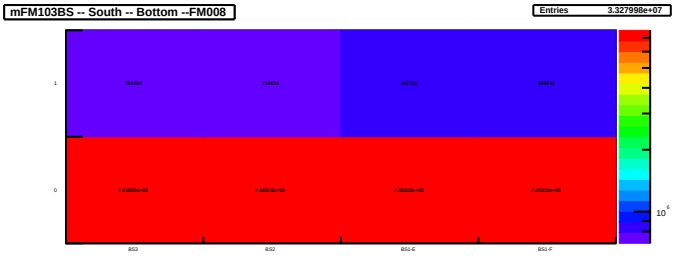
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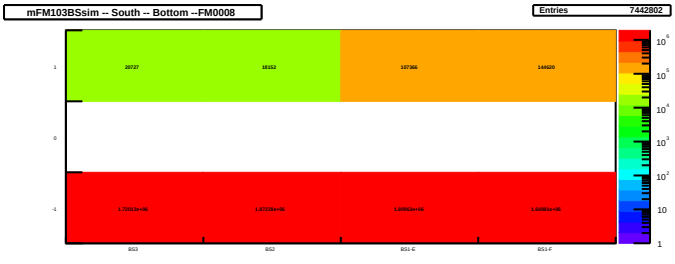
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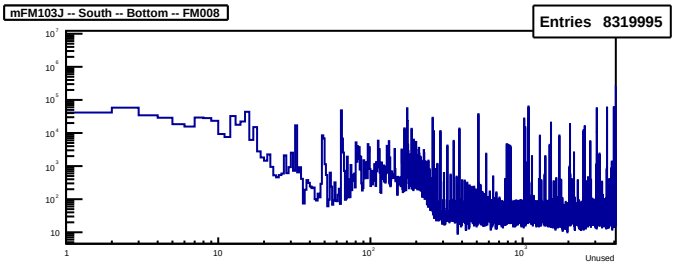
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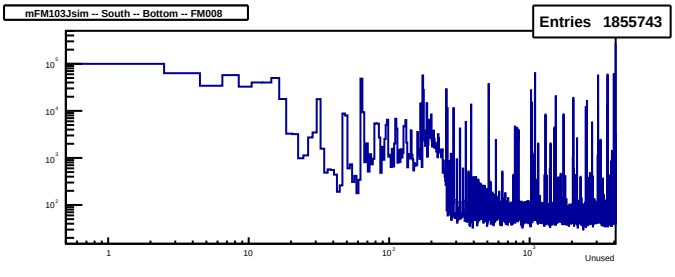
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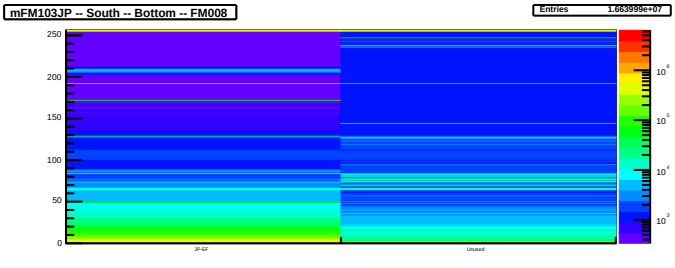
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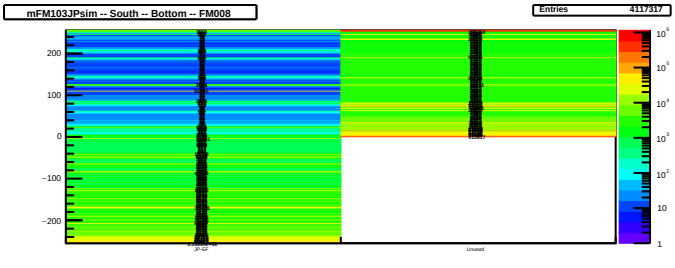
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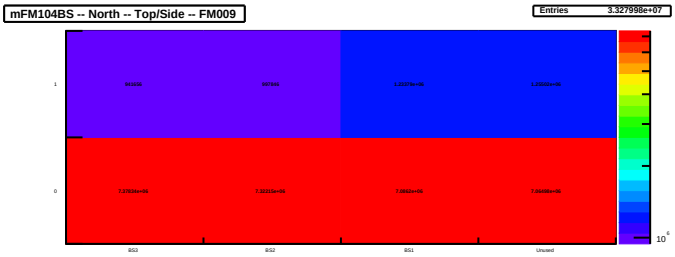
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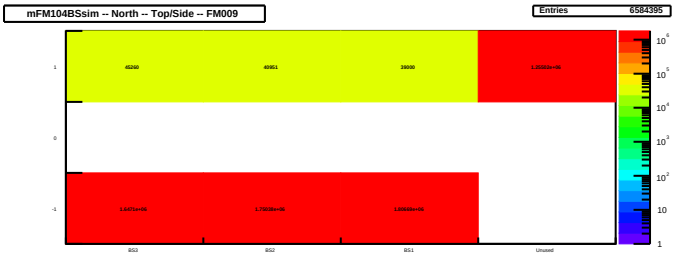
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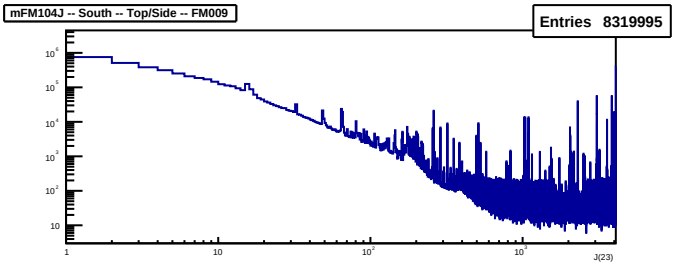
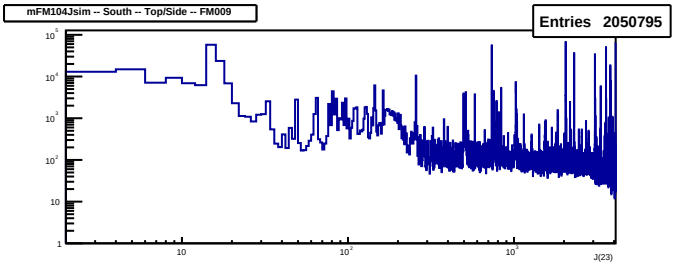
Entries 6584395


mFM104J -- South -- Top/Side -- FM009
Entries 8319995
J(23)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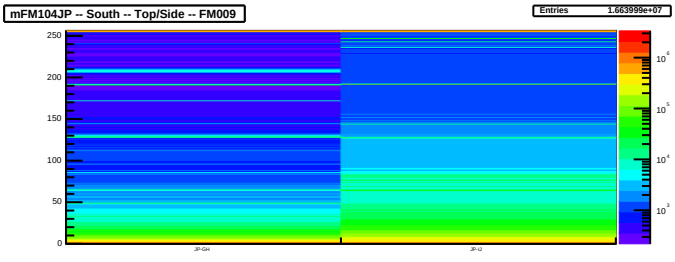
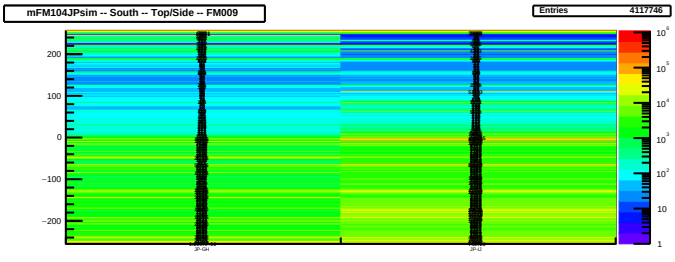
Entries 2050795
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.663999e+07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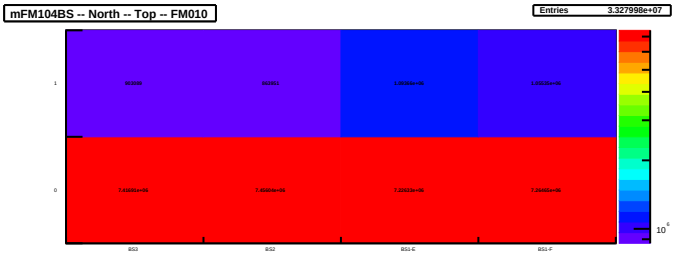
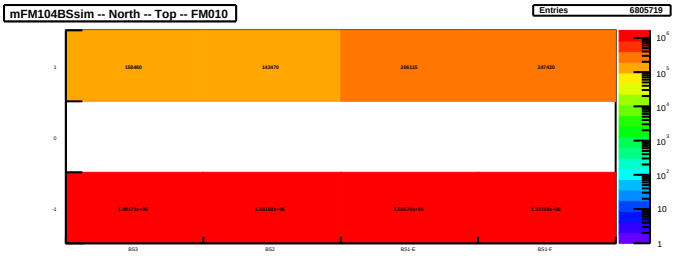
Entries 4117746


mFM104BS -- North -- Top -- FM010
Entries 3.327998e+07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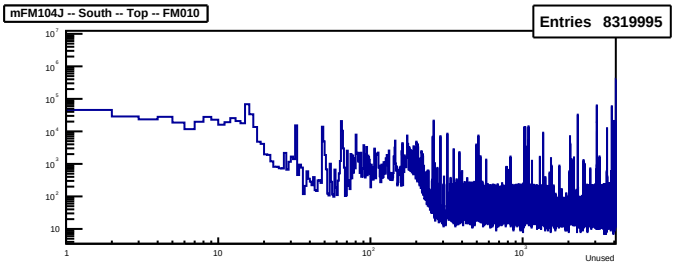
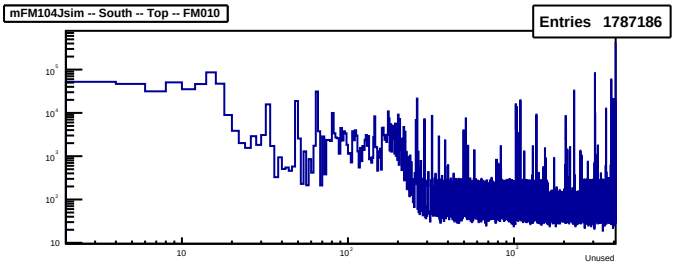
Entries 6805719


mFM104J -- South -- Top -- FM010
Entries 8319995
Unused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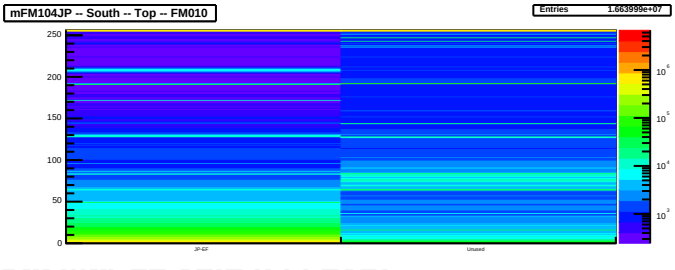
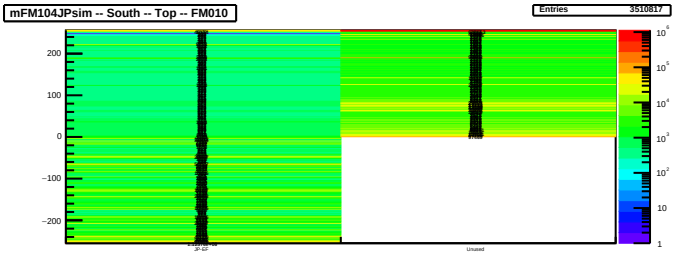
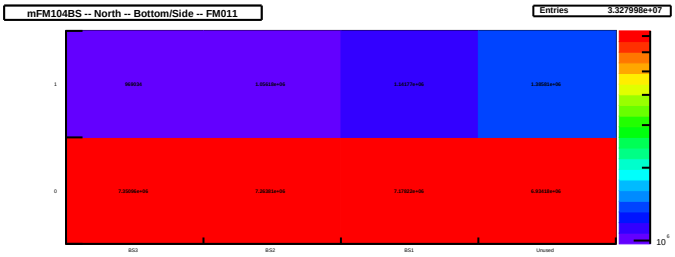
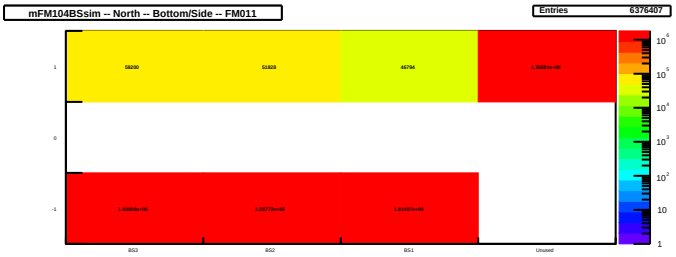
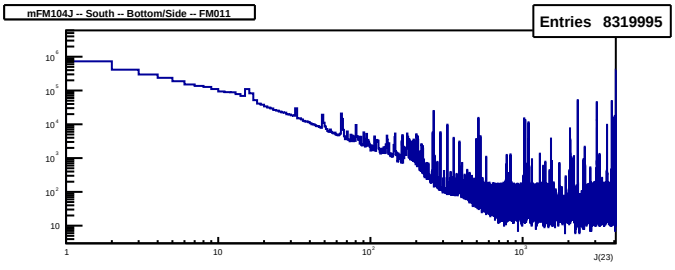
Entries 1787186
Unused

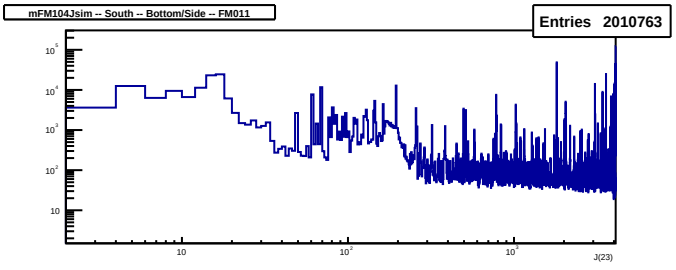

mFM104JP -- South -- Top -- FM010
Entries 1.663999e+07

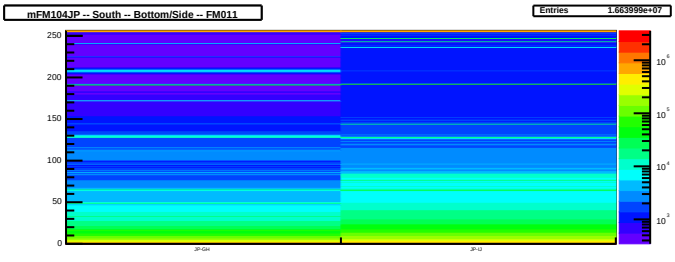

mFM104JPsim -- South -- Top -- FM010
Entries 3510817

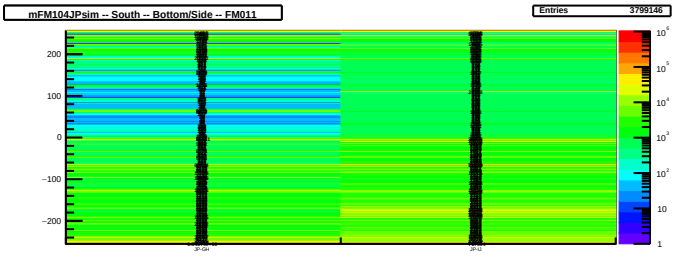

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3.327998e+07

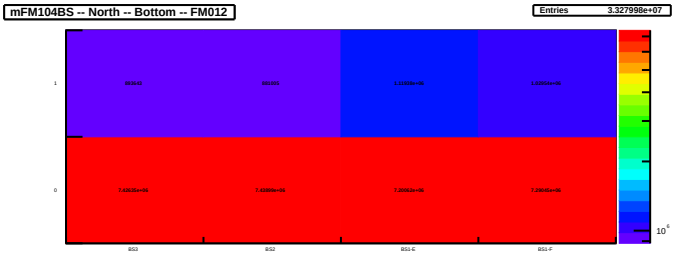

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 6376407

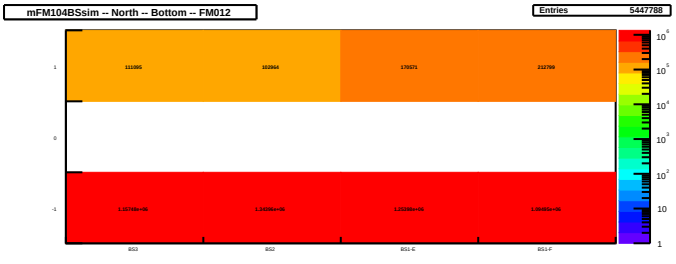

mFM104J -- South -- Bottom/Side -- FM011
Entries 8319995
J(23)

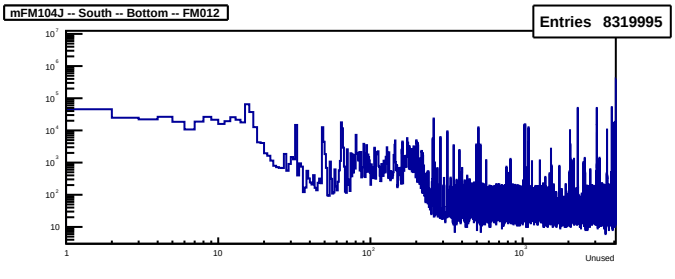

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 2010763
J(23)

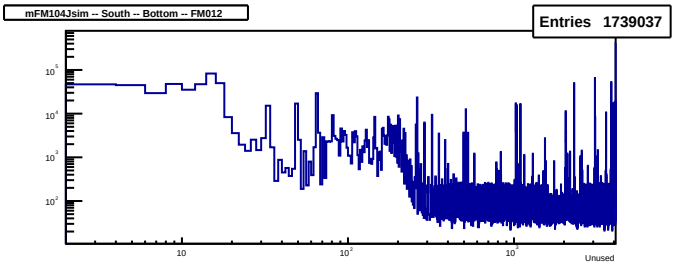

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.663999e+07

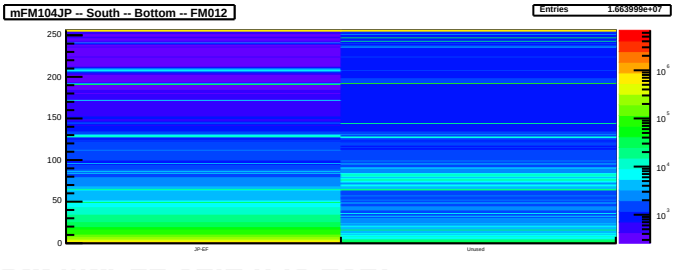

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3799146

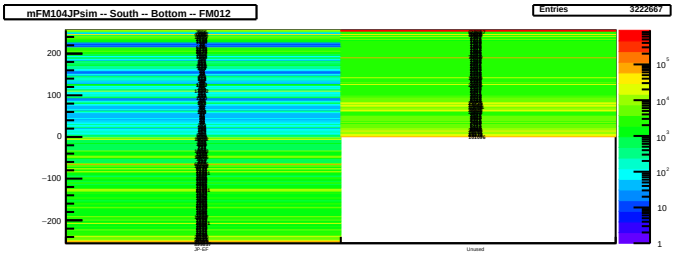

mFM104BS -- North -- Bottom -- FM012
Entries 3.327998e+07

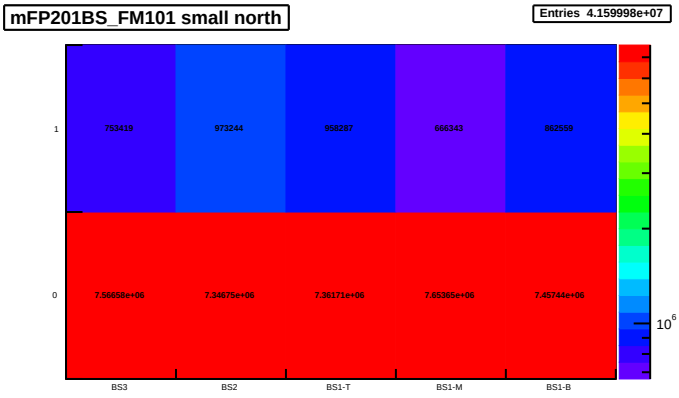

mFM104BSsim -- North -- Bottom -- FM012
Entries 5447788

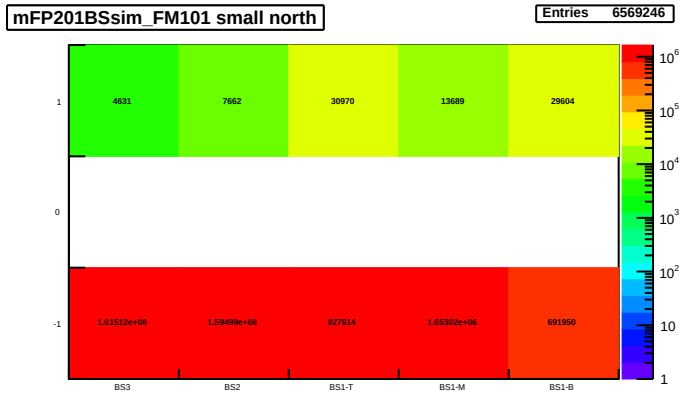

mFM104J -- South -- Bottom -- FM012
Entries 8319995
Unused

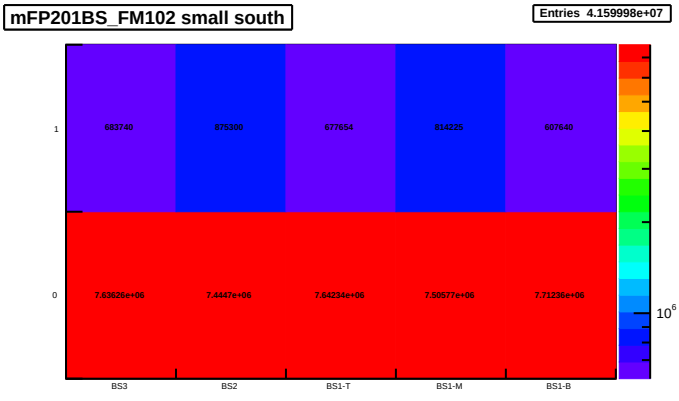

mFM104Jsim -- South -- Bottom -- FM012
Entries 1739037
Unused

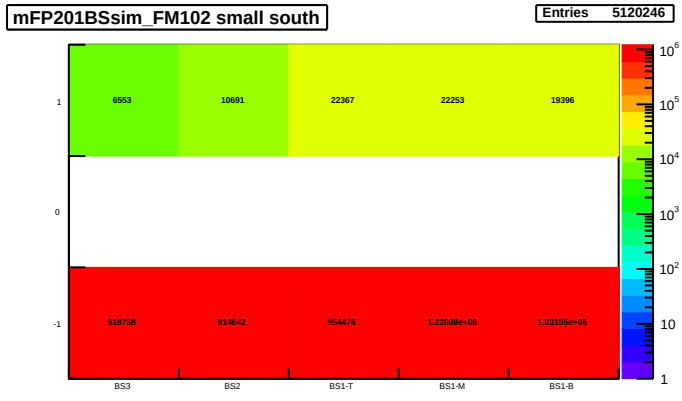

mFM104JP -- South -- Bottom -- FM012
Entries 1.663999e+07

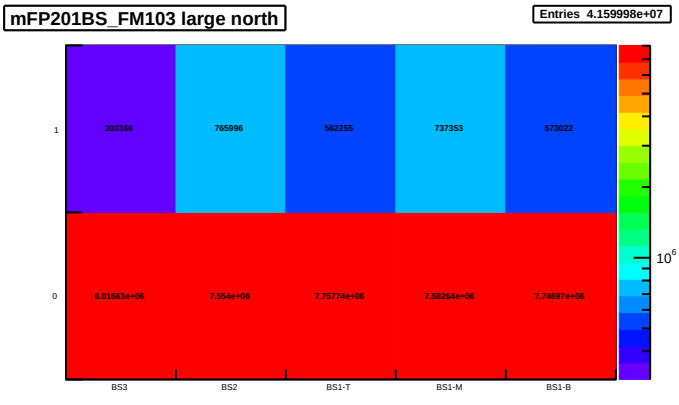

mFM104JPsim -- South -- Bottom -- FM012
Entries 3222667

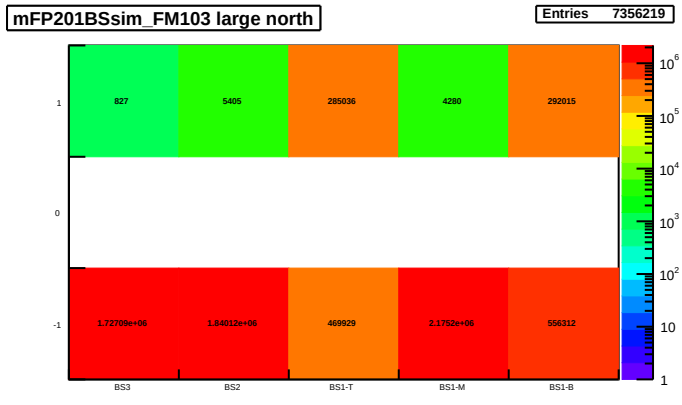

mFP201BS_FM101 small north
Entries 4.159998e+07
753419
973244
958287
666343
862559
7.56658e+06
7.34675e+06
7.36171e+06
7.65365e+06
7.45744e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

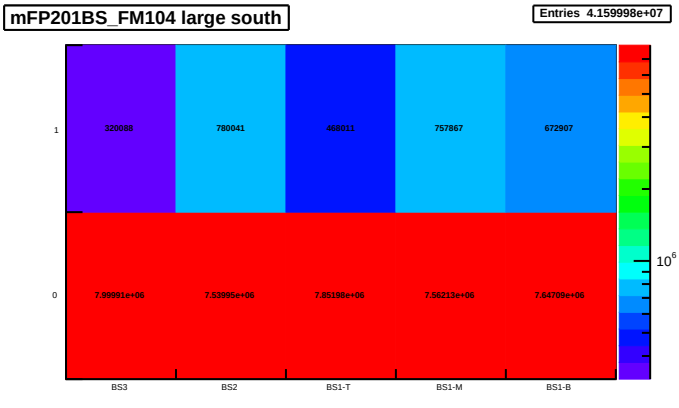

mFP201BSsim_FM101 small north
Entries 6569246
4631
7662
30970
13689
29604
1.61512e+06
1.59499e+06
927614
1.65302e+06
691950
BS3
BS2
BS1-T
BS1-M
BS1-B

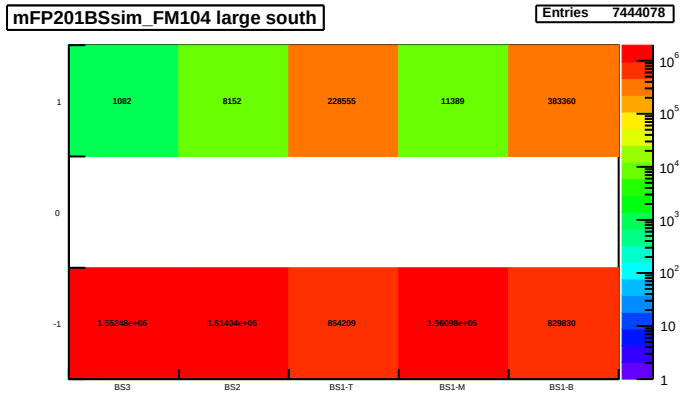

mFP201BS_FM102 small south
Entries 4.159998e+07
683740
875300
677654
814225
607640
7.63626e+06
7.4447e+06
7.64234e+06
7.50577e+06
7.71236e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

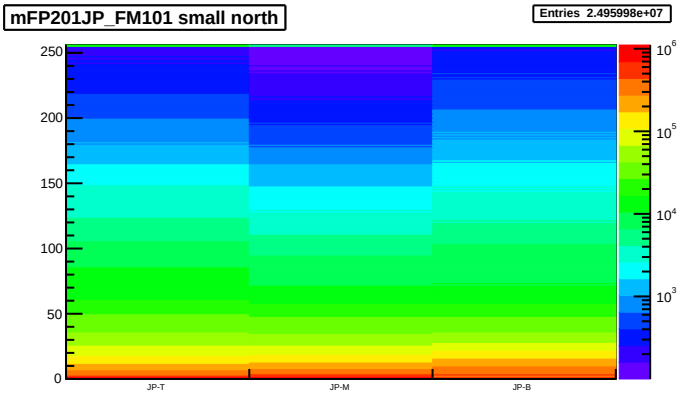

mFP201BSsim_FM102 small south
Entries 5120246
6553
10691
22367
22253
19396
918738
914642
954476
1.22008e+06
1.03105e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

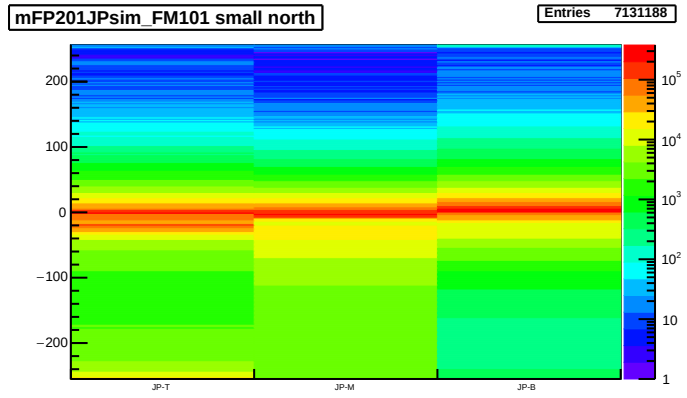

mFP201BS_FM103 large north
Entries 4.159998e+07
303366
765996
562255
737353
573022
8.01663e+06
7.554e+06
7.75774e+06
7.58264e+06
7.74697e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

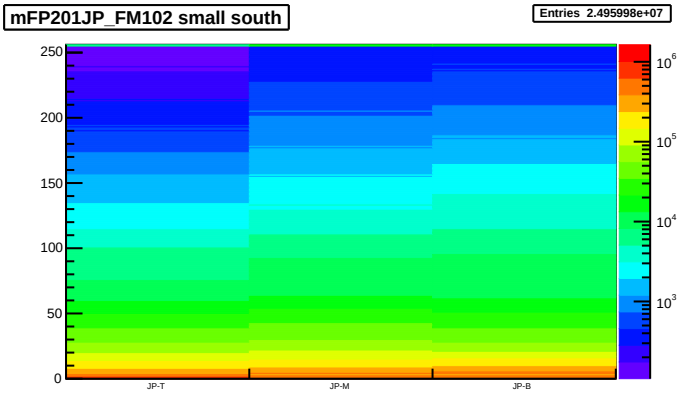

mFP201BSsim_FM103 large north
Entries 7356219
827
5405
285036
4280
292015
1.72709e+06
1.84012e+06
469929
2.1752e+06
556312
BS3
BS2
BS1-T
BS1-M
BS1-B

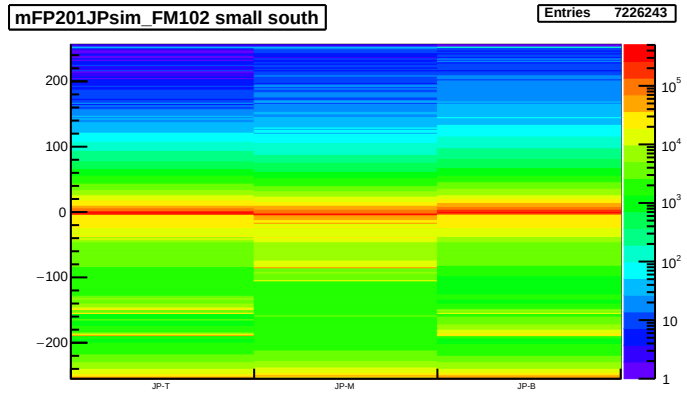

mFP201BS_FM104 large south
Entries 4.159998e+07
320088
780041
408011
757867
672907
7.99991e+06
7.53995e+06
7.85198e+06
7.56213e+06
7.64709e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

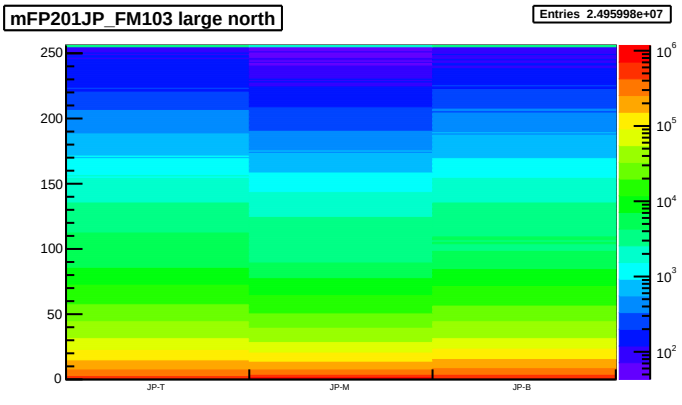

mFP201BSsim_FM104 large south
Entries 7444078
1082
8152
228555
11389
383360
1.55248e+06
1.61404e+06
854209
1.96098e+06
829830
BS3
BS2
BS1-T
BS1-M
BS1-B

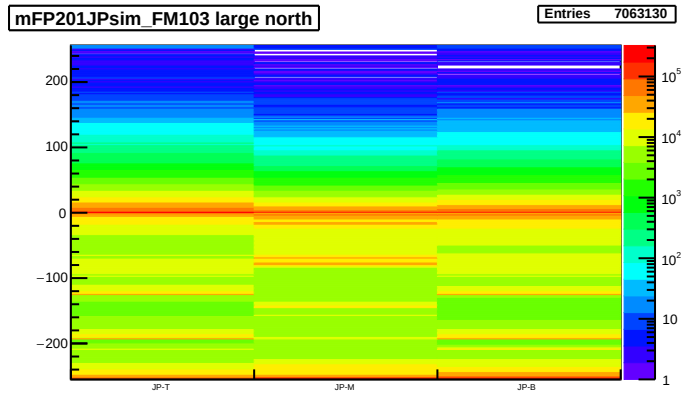

mFP201JP_FM101 small north
Entries 2.495998e+07
JP-T
JP-M
JP-B

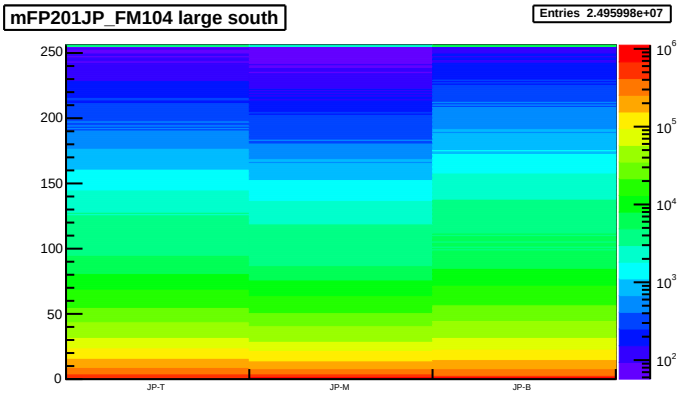

mFP201JPsim_FM101 small north
Entries 7131188
JP-T
JP-M
JP-B

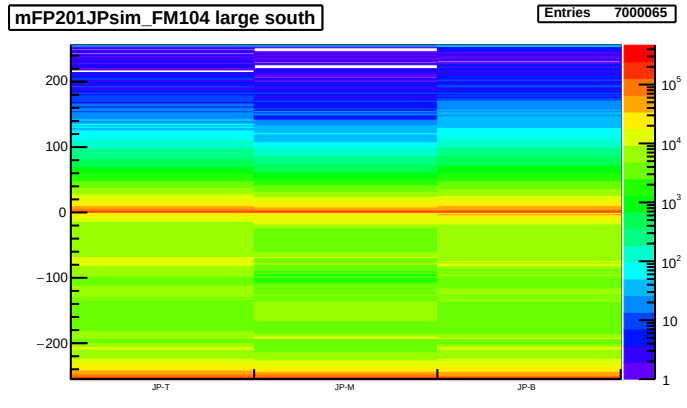

mFP201JP_FM102 small south
Entries 2.495998e+07
JP-T
JP-M
JP-B

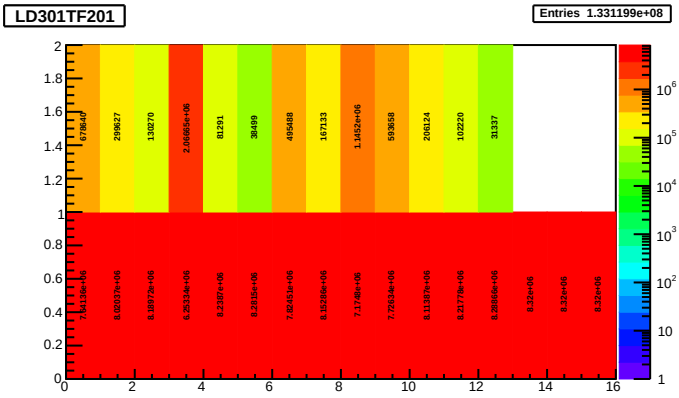

mFP201JPsim_FM102 small south
Entries 7226243
JP-T
JP-M
JP-B

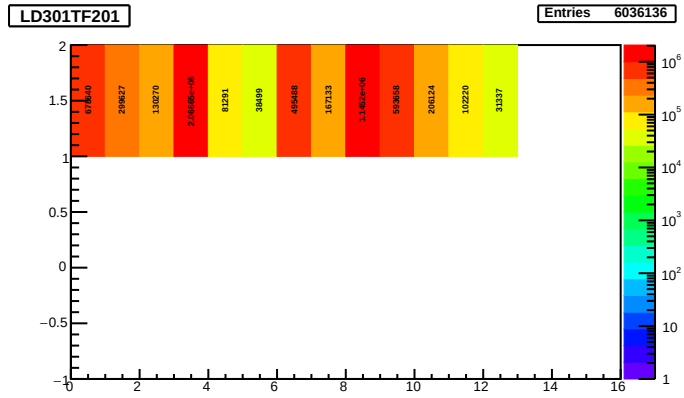

mFP201JP_FM103 large north
Entries 2.495998e+07
JP-T
JP-M
JP-B

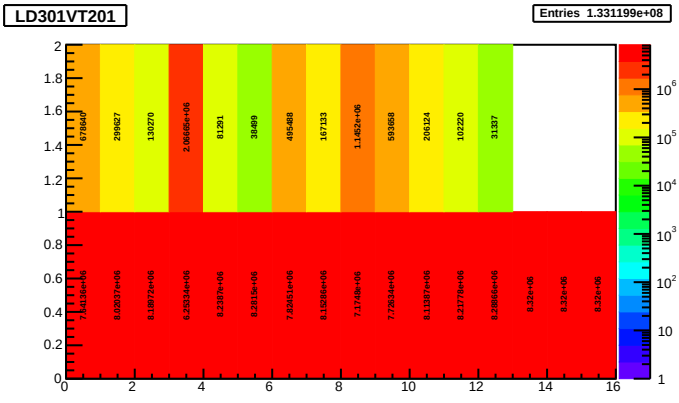

mFP201JPsim_FM103 large north
Entries 7063130
JP-T
JP-M
JP-B

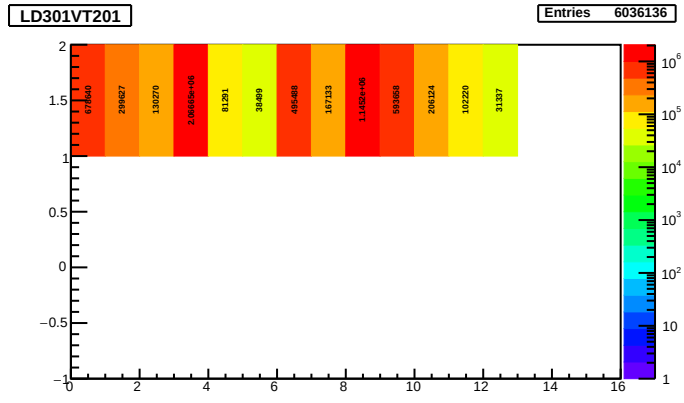

mFP201JP_FM104 large south
Entries 2.495998e+07
JP-T
JP-M
JP-B

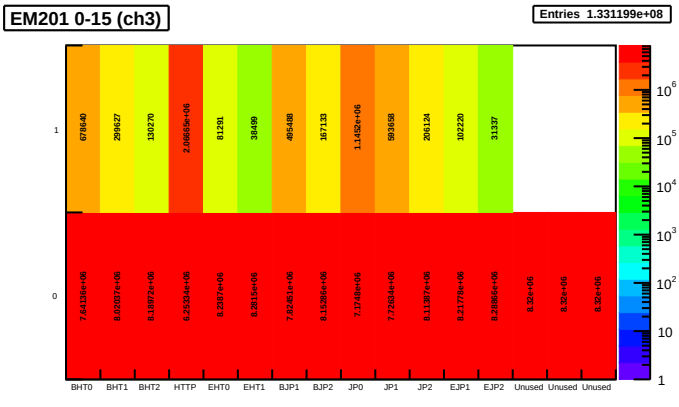

mFP201JPsim_FM104 large south
Entries 7000065
JP-T
JP-M
JP-B

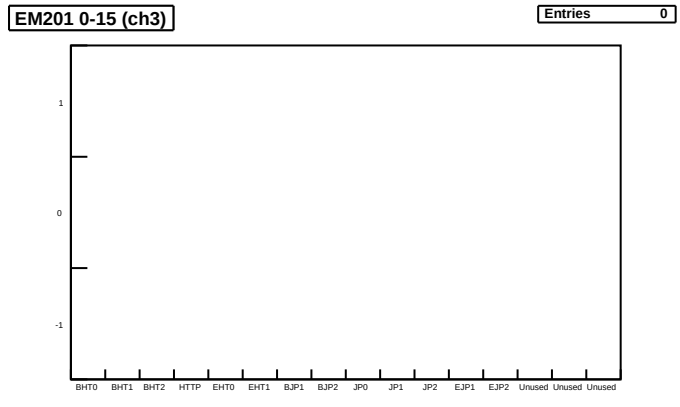

LD301TF201
Entries 1.331199e+08

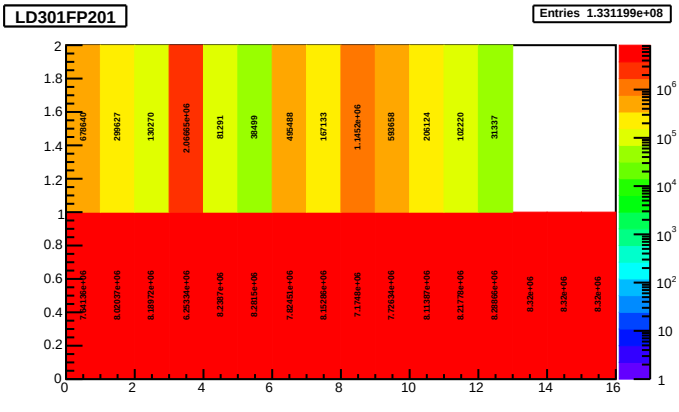

LD301TF201
Entries 6036136

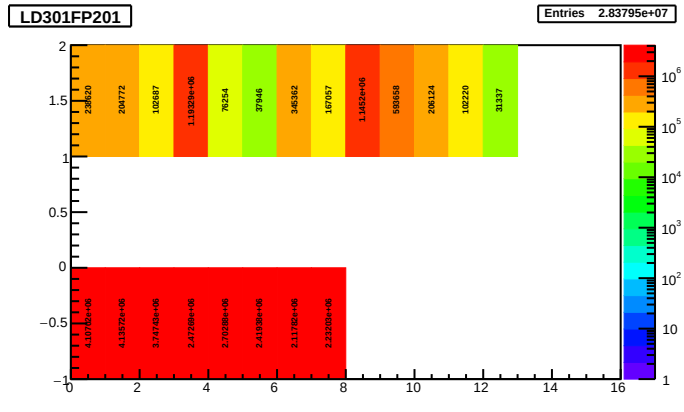

LD301VT201
Entries 1.331199e+08


LD301VT201
Entries 6036136


EM201 0-15 (ch3)
Entries 1.331199e+08
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 1.331199e+08


LD301FP201
Entries 2.83795e+07