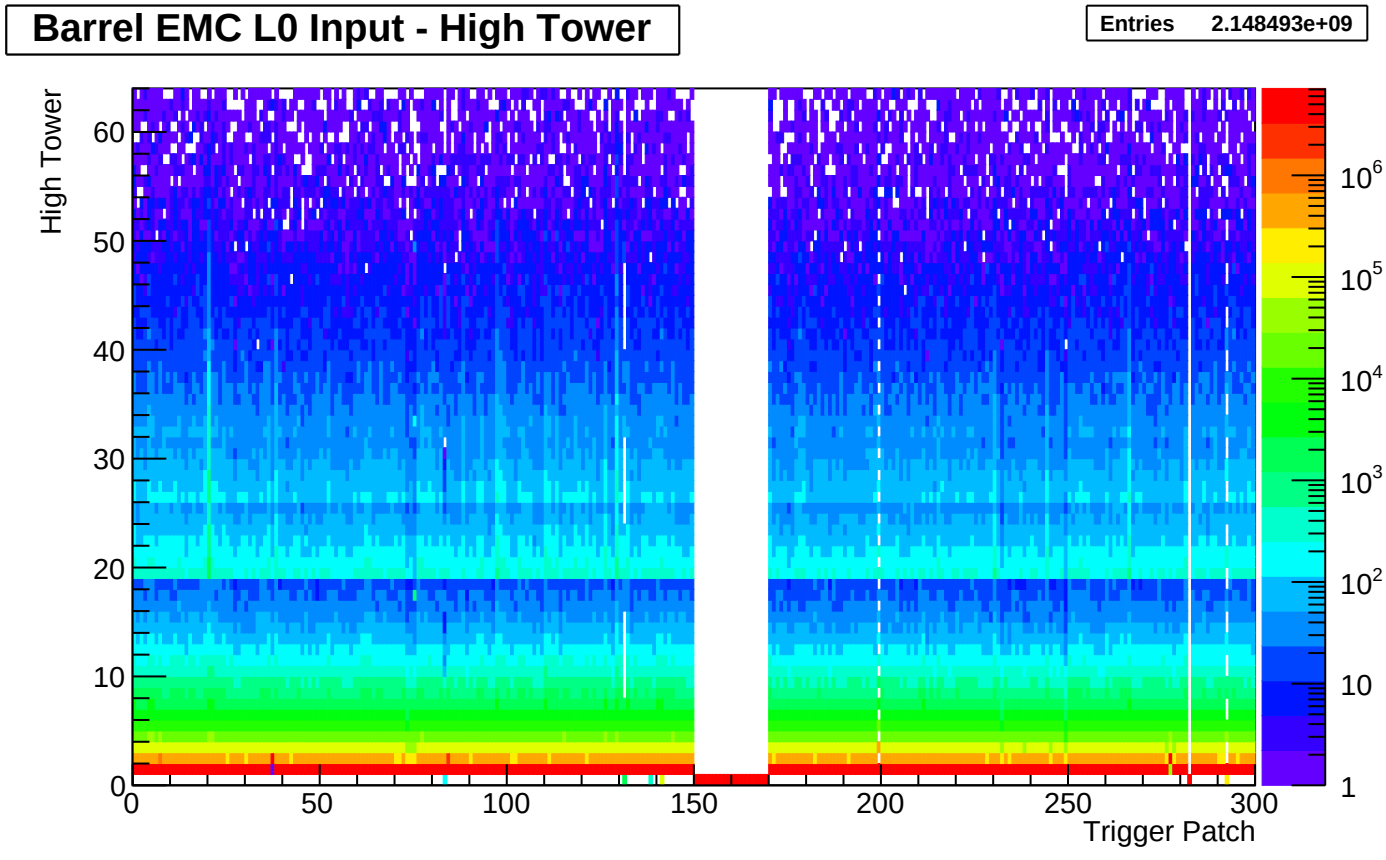
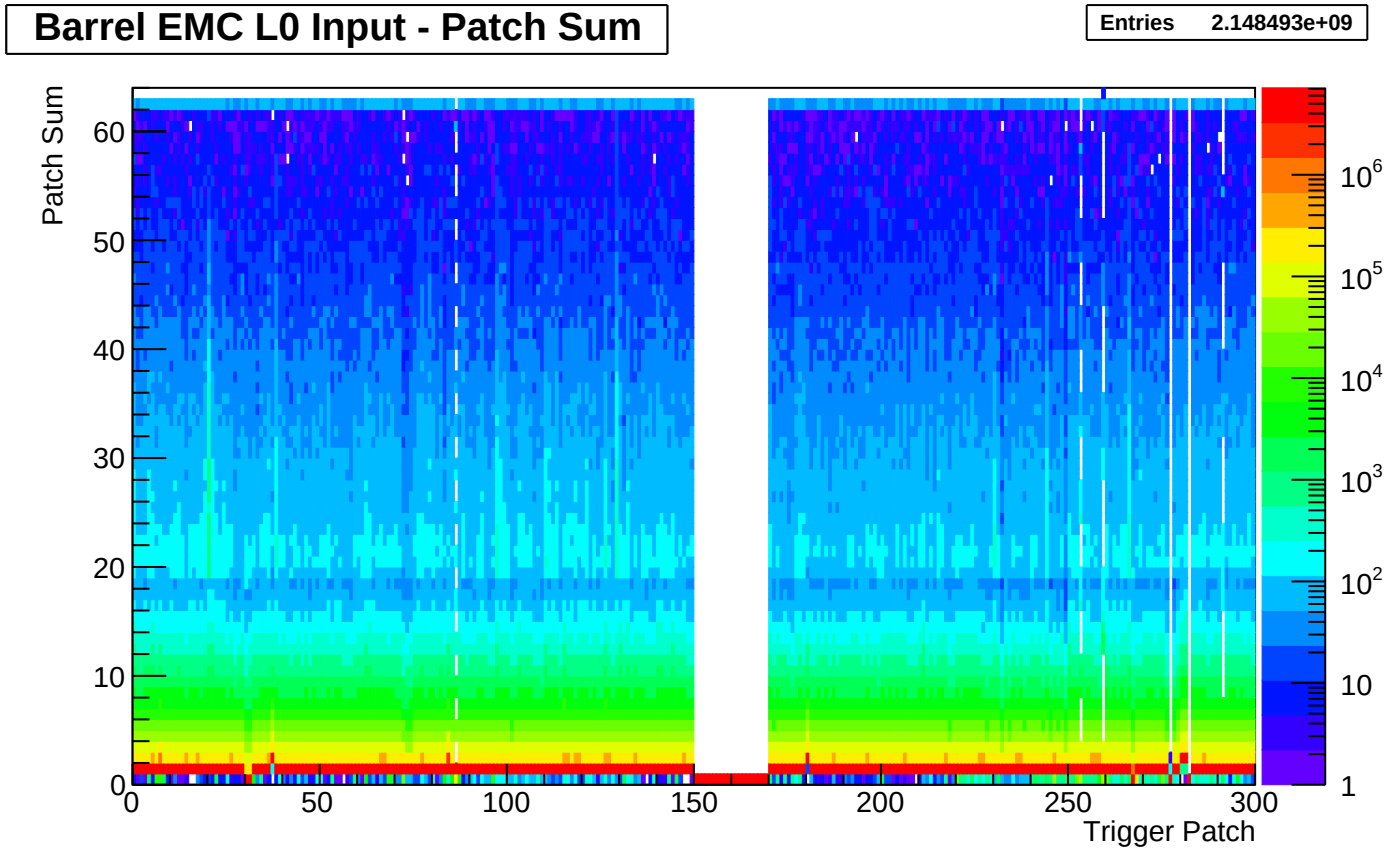
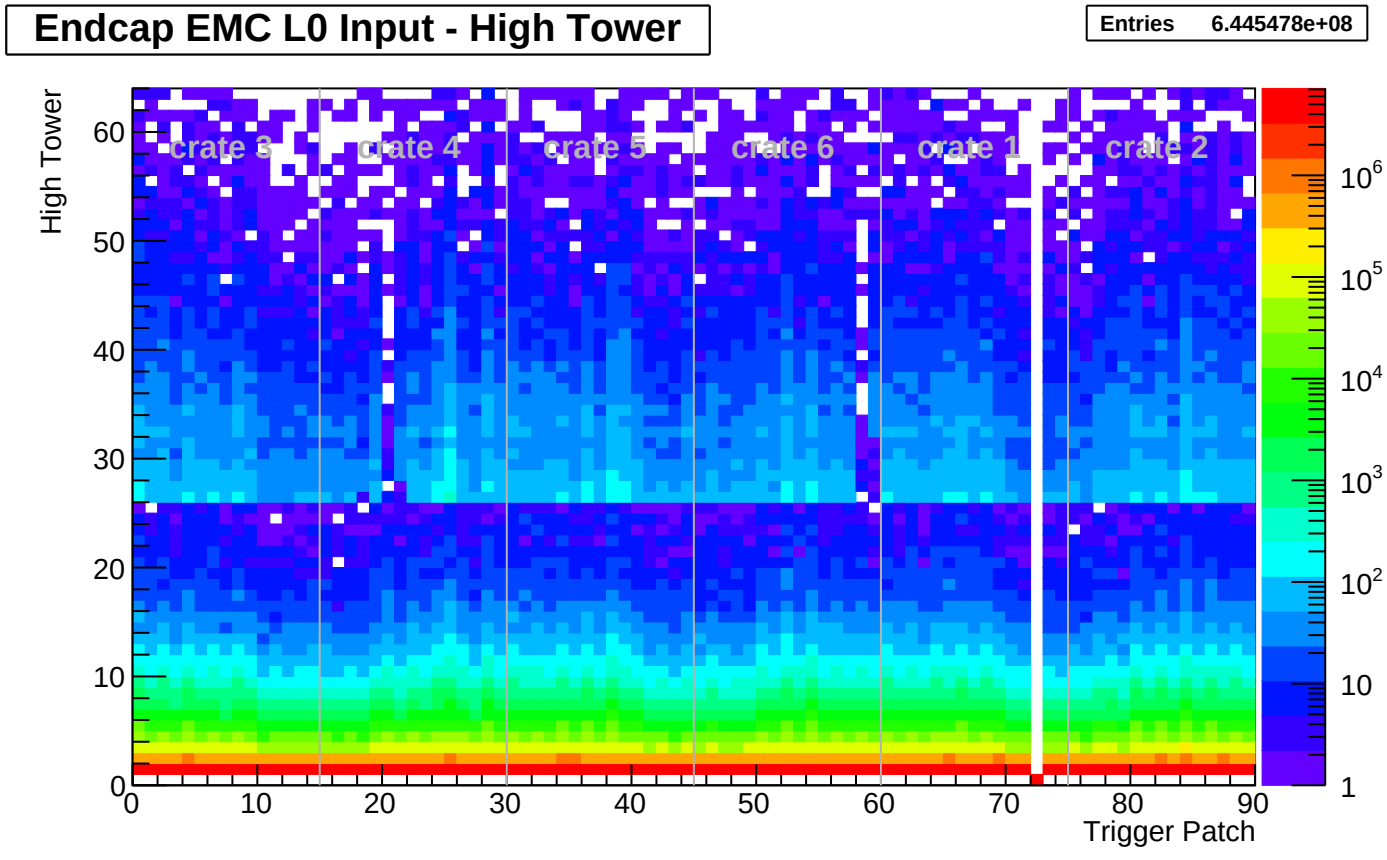
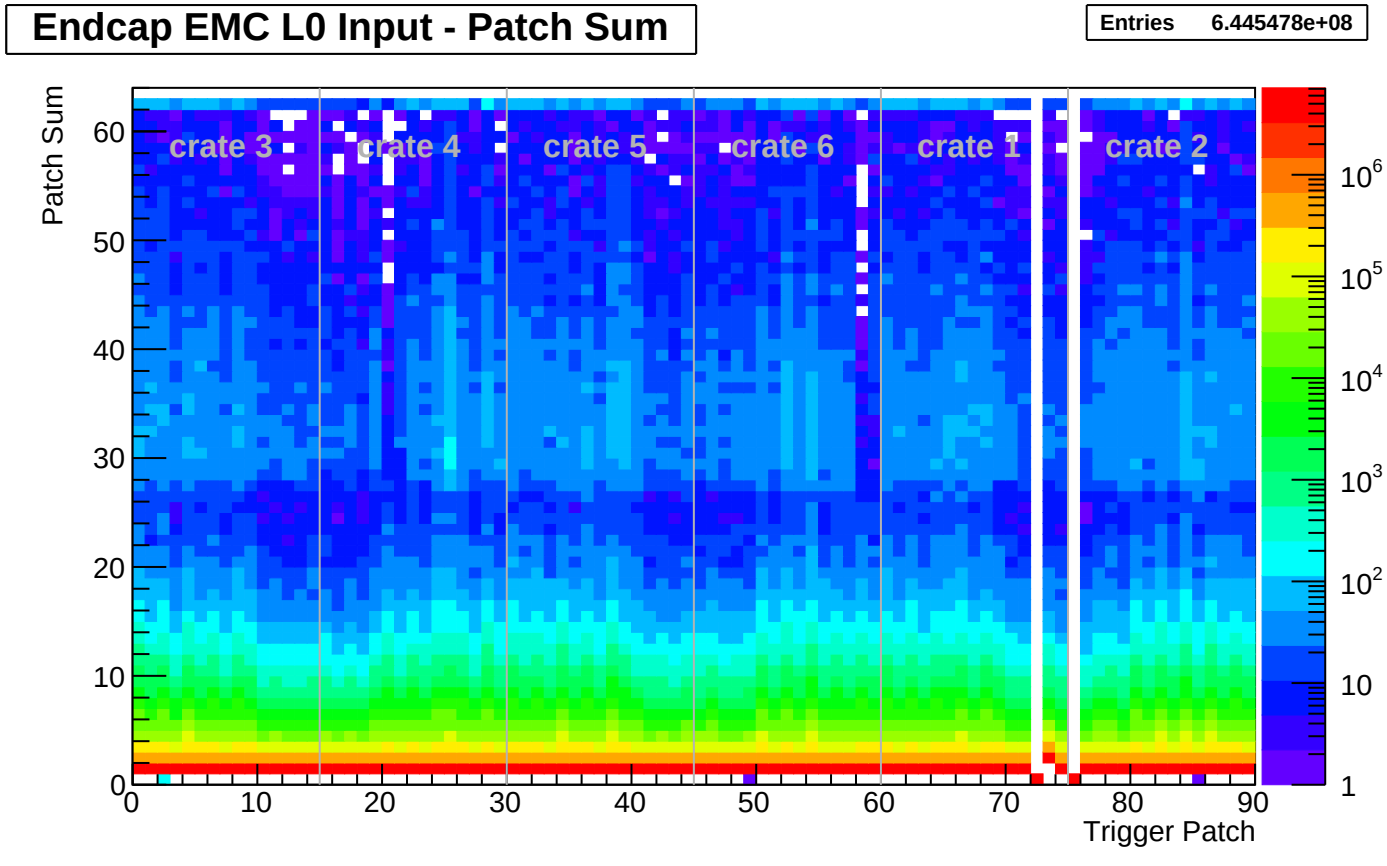
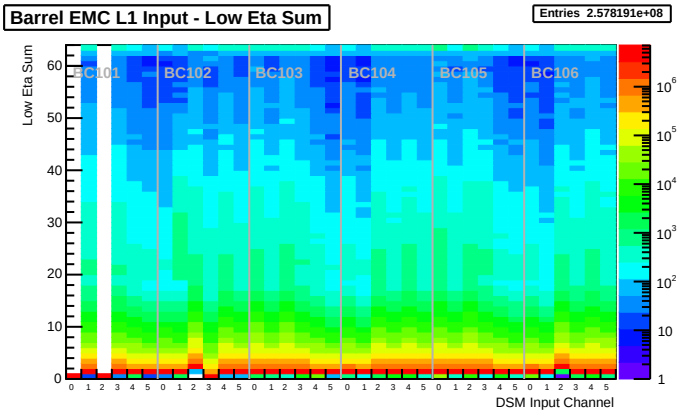
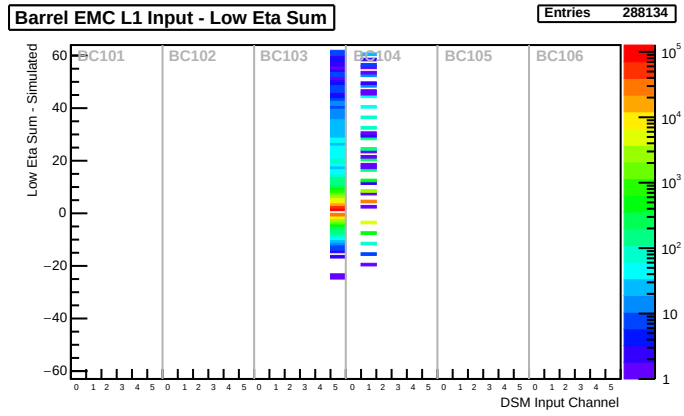

Barrel EMC L0 Input - High Tower
Entries 2.148493e+09
High Tower
Trigger Patch

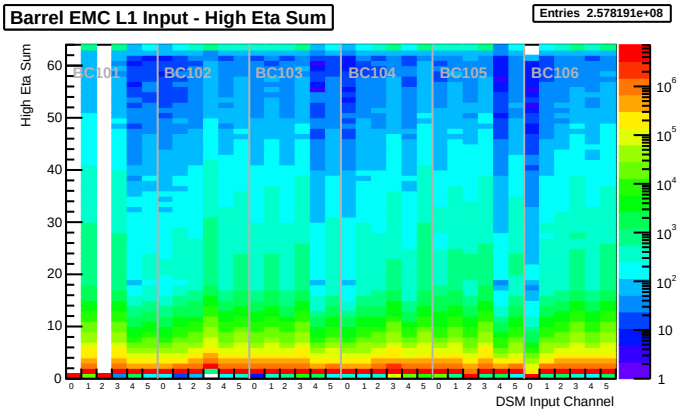

Barrel EMC L0 Input - Patch Sum
Entries 2.148493e+09
Patch Sum
Trigger Patch

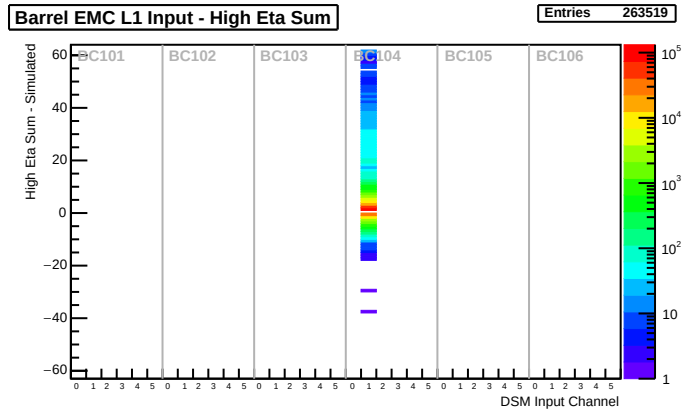

Endcap EMC L0 Input - High Tower
Entries 6.445478e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

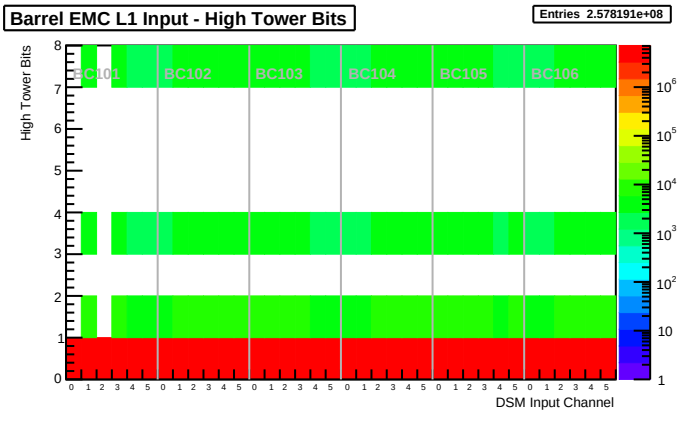

Endcap EMC L0 Input - Patch Sum
Entries 6.445478e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

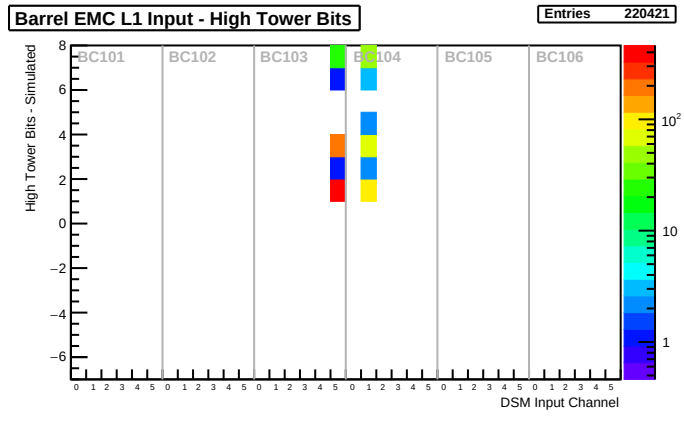

Barrel EMC L1 Input - Low Eta Sum
Entries 2.578191e+08
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

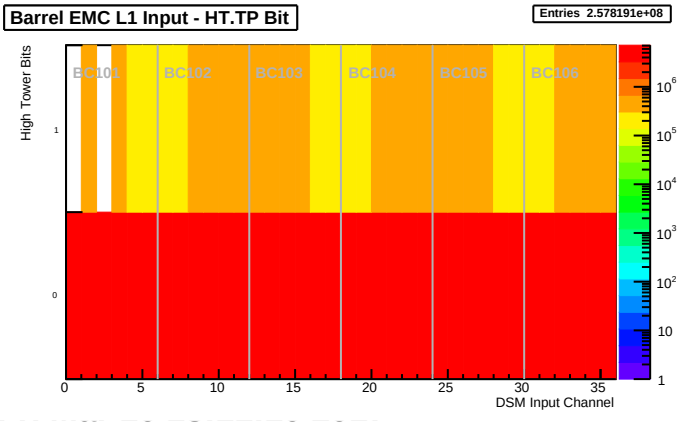

Barrel EMC L1 Input - Low Eta Sum
Entries 288134
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

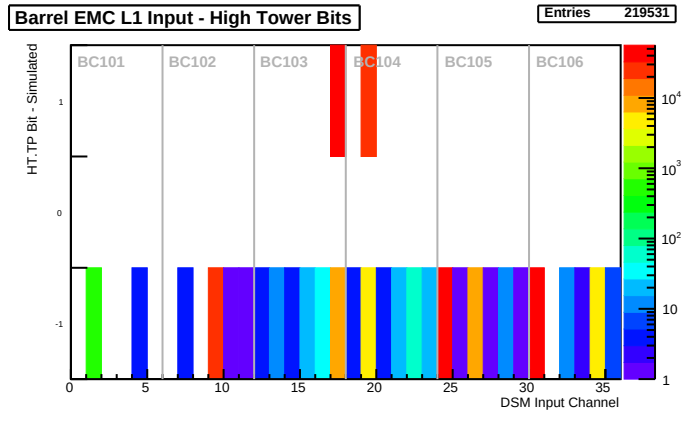

Barrel EMC L1 Input - High Eta Sum
Entries 2.578191e+08
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

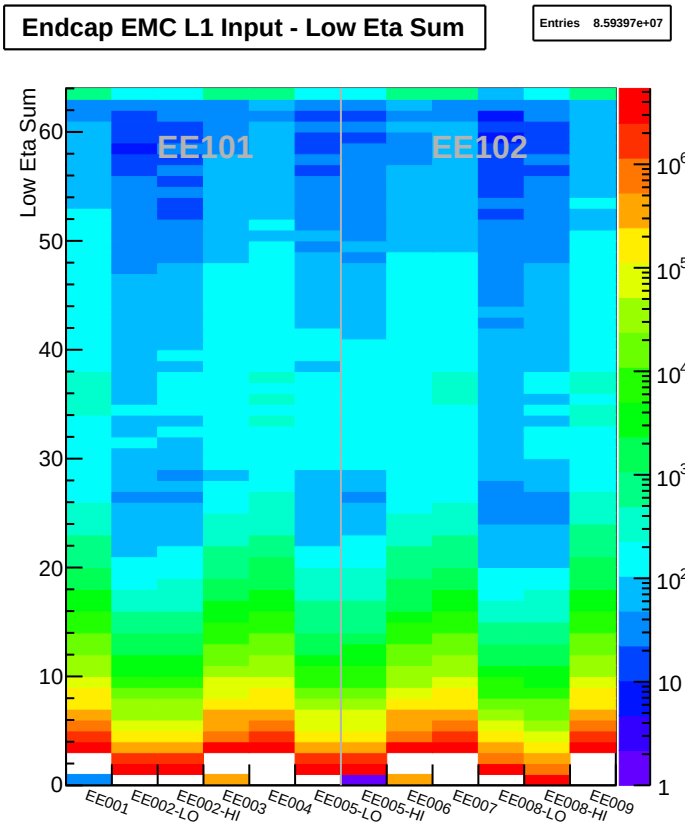

Barrel EMC L1 Input - High Eta Sum
Entries 263519
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

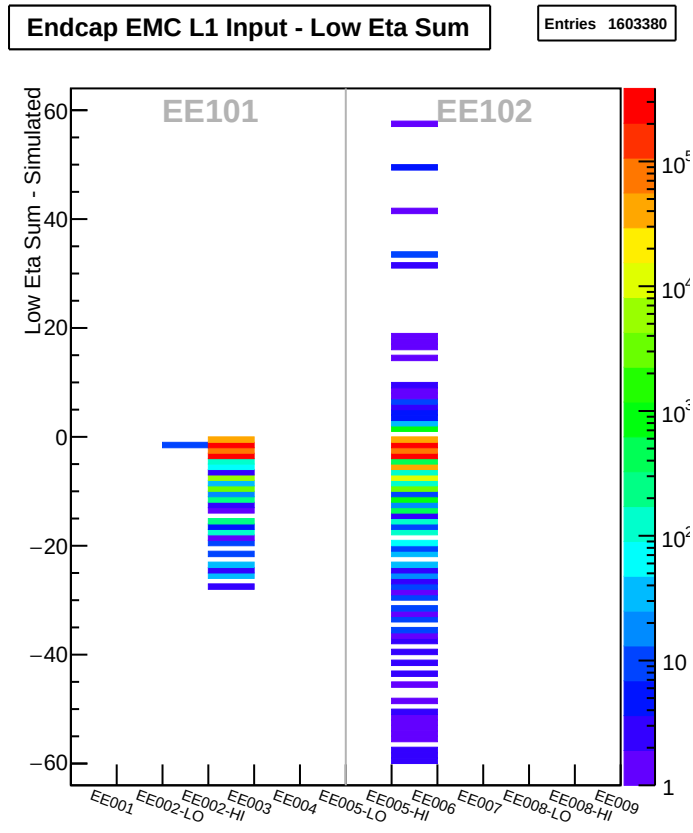

Barrel EMC L1 Input - High Tower Bits
Entries 2.578191e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

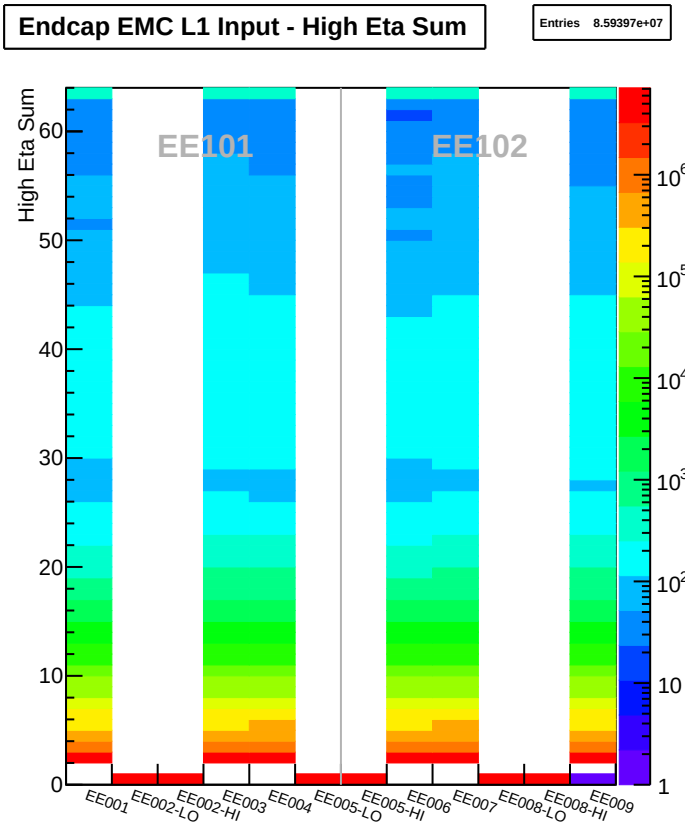

Barrel EMC L1 Input - High Tower Bits
Entries 220421
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

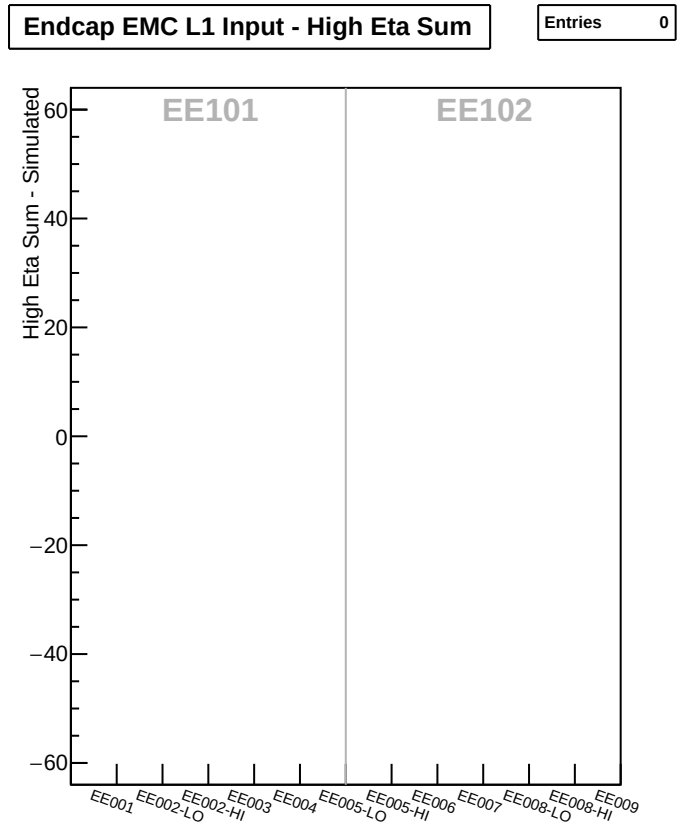

Barrel EMC L1 Input - HT.TP Bit
Entries 2.578191e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

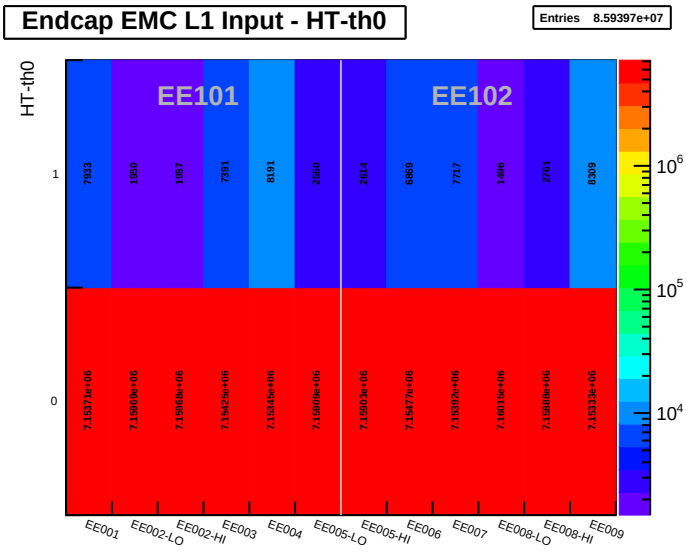

Barrel EMC L1 Input - High Tower Bits
Entries 219531
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

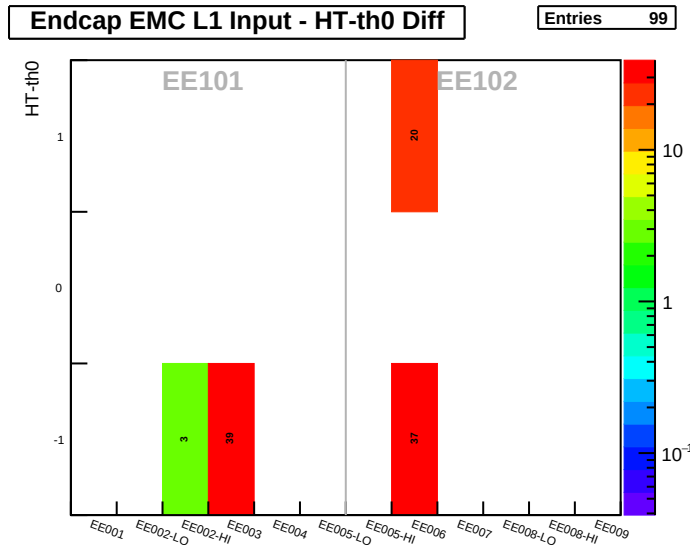

Endcap EMC L1 Input - Low Eta Sum
Entries 8.59397e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

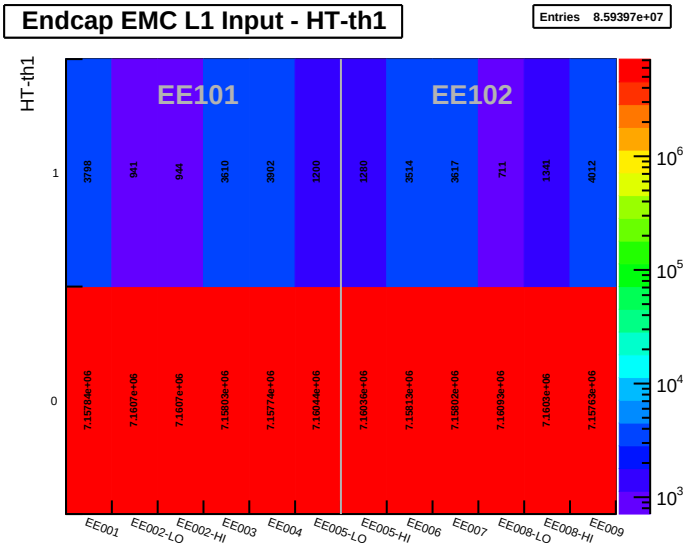

Endcap EMC L1 Input - Low Eta Sum
Entries 1603380
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

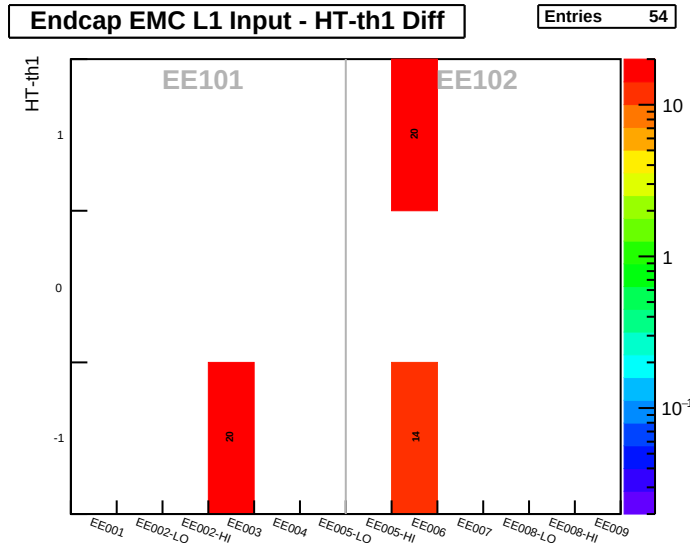

Endcap EMC L1 Input - High Eta Sum
Entries 8.59397e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

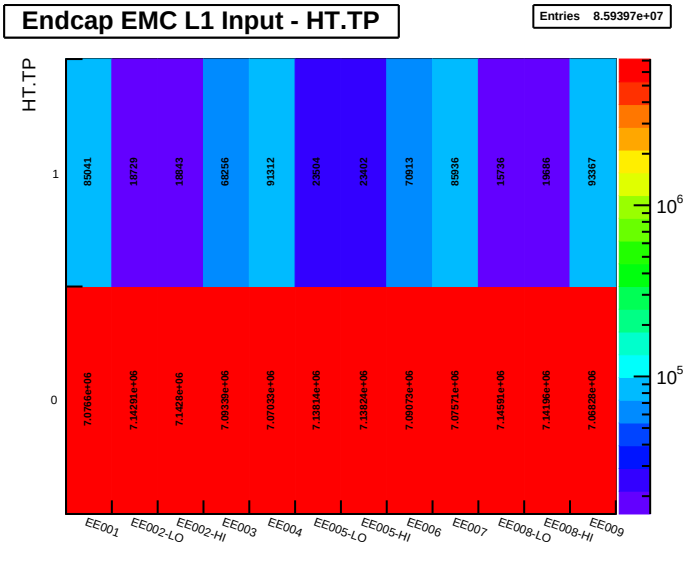

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

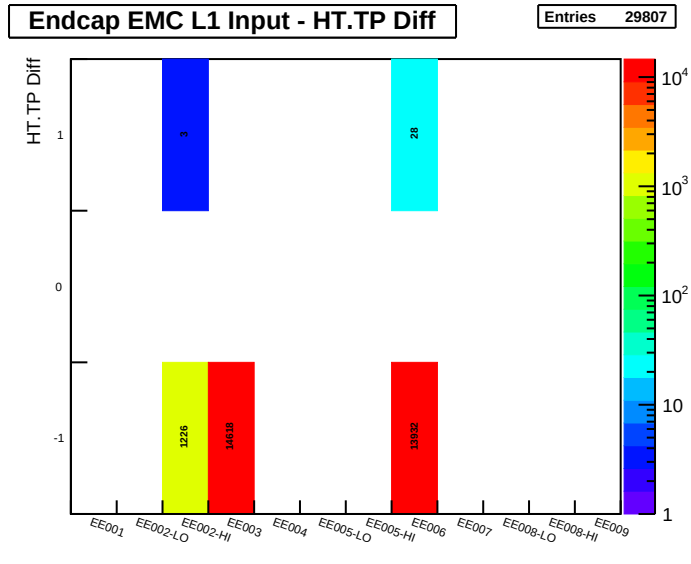

Endcap EMC L1 Input - HT-th0
Entries 8.59397e+07
HT-th0
EE101
EE102
7833 1950 1957 7391 8191 2650 2614 6869 7717 1496 2761 8309
7.15371e+06 7.15969e+06 7.15968e+06 7.15425e+06 7.15345e+06 7.15909e+06 7.15903e+06 7.15477e+06 7.15932e+06 7.16015e+06 7.15886e+06 7.15333e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

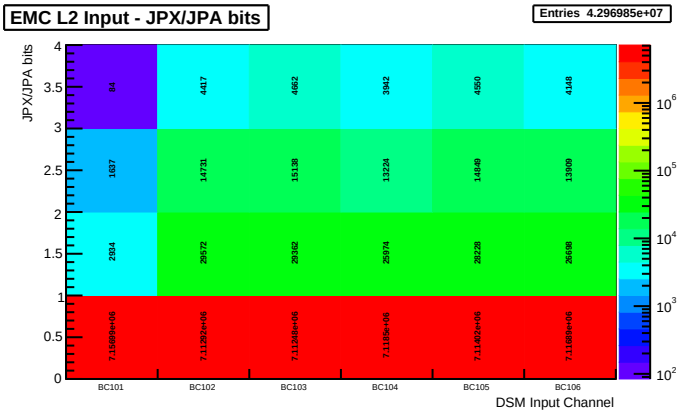

Endcap EMC L1 Input - HT-th0 Diff
Entries 99
HT-th0
EE101
EE102
3 39 20 37
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

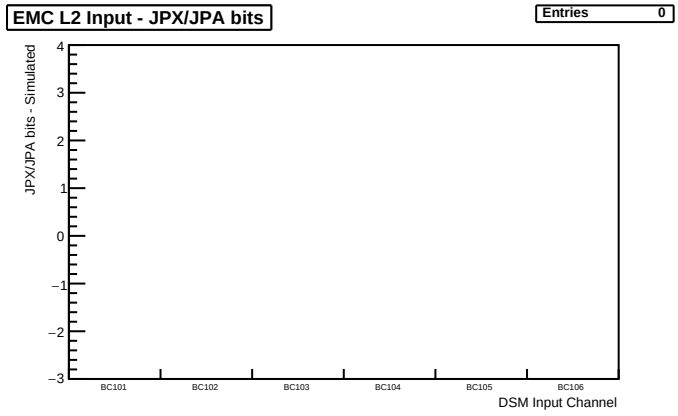

Endcap EMC L1 Input - HT-th1
Entries 8.59397e+07
HT-th1
EE101
EE102
3798 941 944 3610 3902 1200 1280 3514 3617 711 1341 4012
7.15754e+06 7.16070e+06 7.16070e+06 7.15803e+06 7.15774e+06 7.16044e+06 7.16036e+06 7.15813e+06 7.15802e+06 7.16093e+06 7.16036e+06 7.15763e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

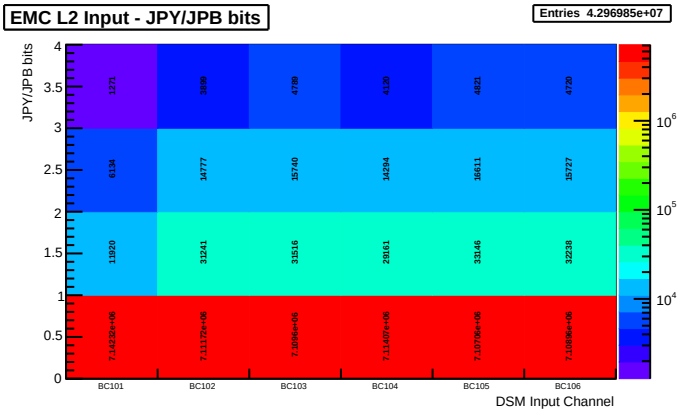

Endcap EMC L1 Input - HT-th1 Diff
Entries 54
HT-th1
EE101
EE102
20 20 14
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

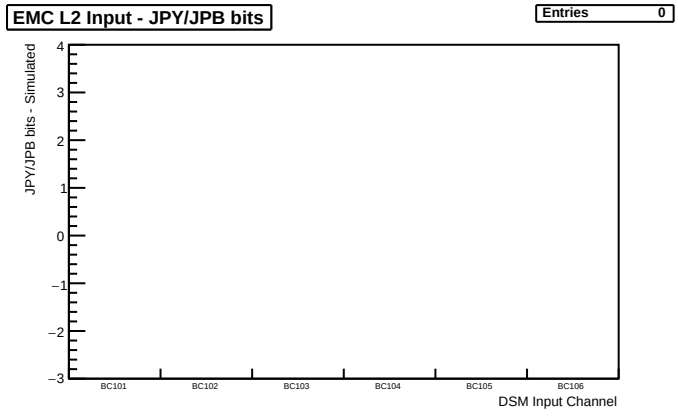

Endcap EMC L1 Input - HT.TP
Entries 8.59397e+07
HT.TP
85041 18729 18843 68256 91312 23504 23402 70913 85936 15736 19686 93367
7.0766e+06 7.14291e+06 7.1428e+06 7.09339e+06 7.07035e+06 7.13814e+06 7.13824e+06 7.09072e+06 7.07571e+06 7.14591e+06 7.14196e+06 7.06828e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

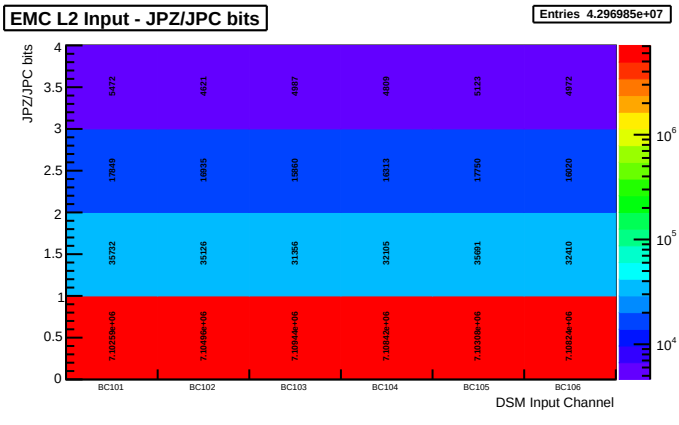

Endcap EMC L1 Input - HT.TP Diff
Entries 29807
HT.TP Diff
3 28 1226 14618 13932
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

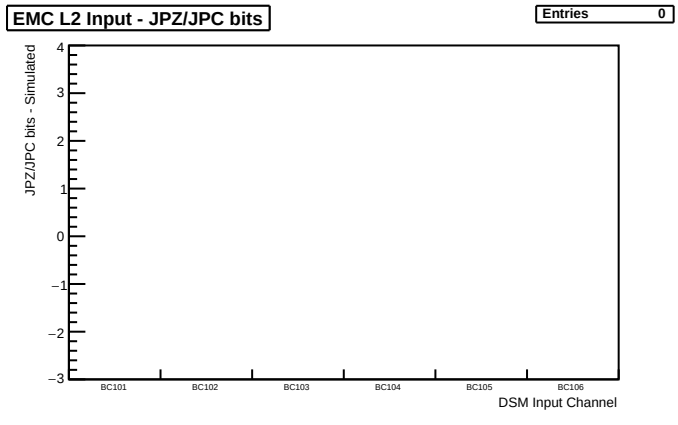

EMC L2 Input - JPX/JPA bits
Entries 4.296985e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
84
4417
4662
3942
4950
4148
1637
14731
15138
13224
14849
13909
2934
29572
29382
25974
28228
26498
7.15699e+06
7.11252e+06
7.11248e+06
7.1185e+06
7.11402e+06
7.11680e+06

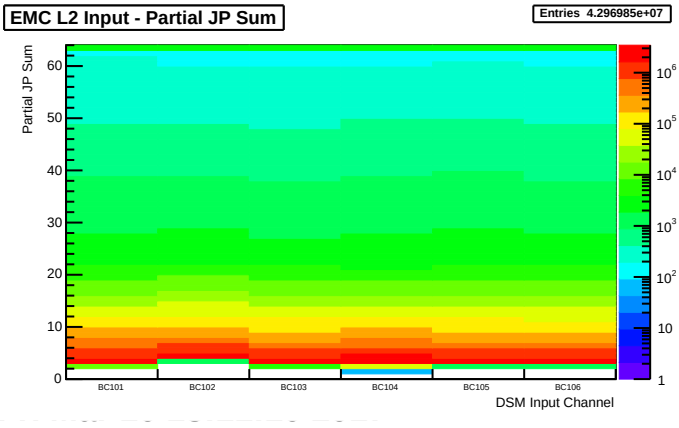

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

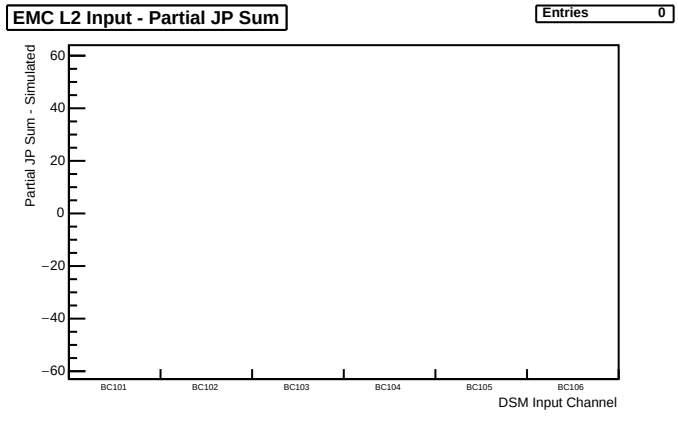

EMC L2 Input - JPY/JPB bits
Entries 4.296985e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
1271
3899
4789
4120
4821
4720
6134
14777
15740
14294
16611
15727
11920
31241
31516
29161
33146
32238
7.14232e+06
7.11172e+06
7.1096e+06
7.11407e+06
7.10706e+06
7.10896e+06

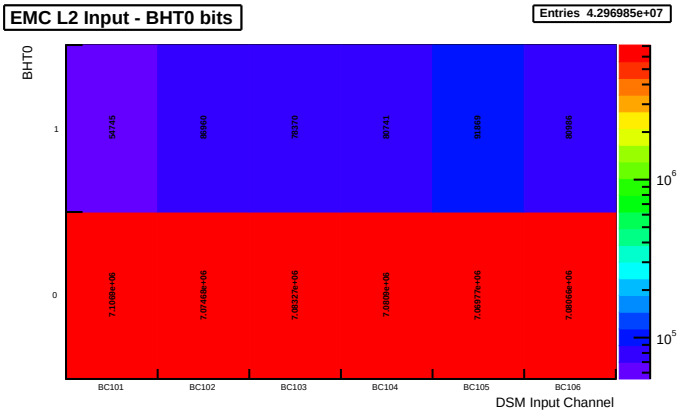

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

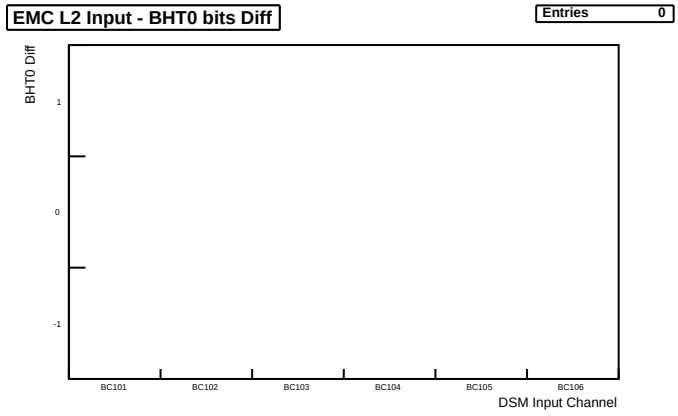

EMC L2 Input - JPZ/JPC bits
Entries 4.296985e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
5472
4621
4967
4909
5123
4972
17849
16835
13860
16313
17750
16020
35732
35126
31356
32205
35691
32410
7.10259e+06
7.10496e+06
7.10944e+06
7.10942e+06
7.10938e+06
7.10824e+06

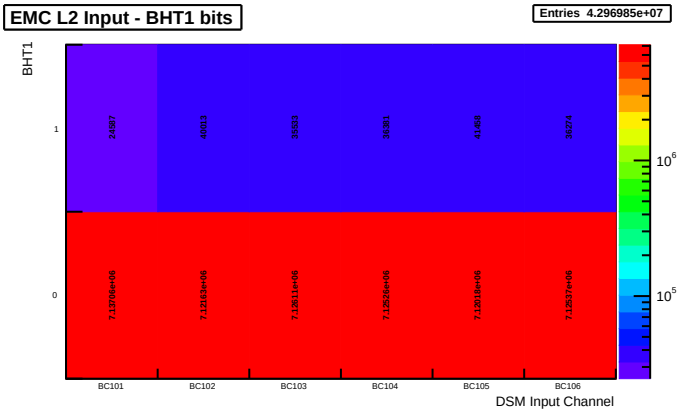

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

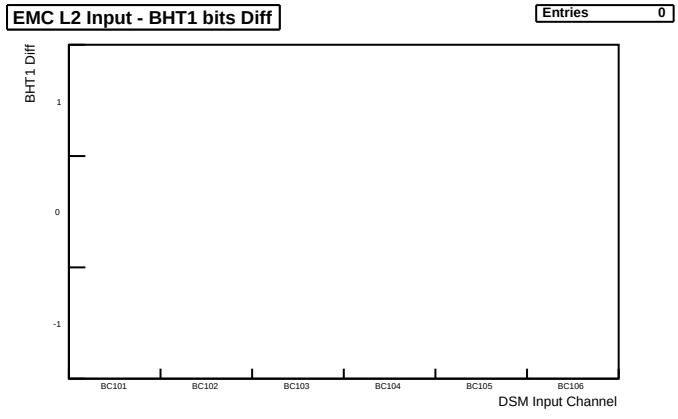

EMC L2 Input - Partial JP Sum
Entries 4.296985e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

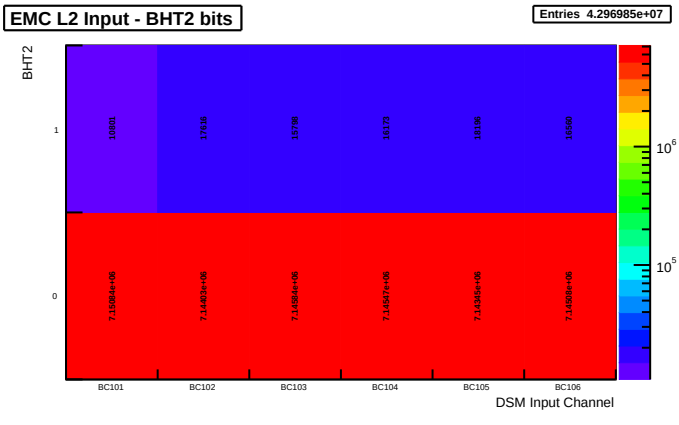

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

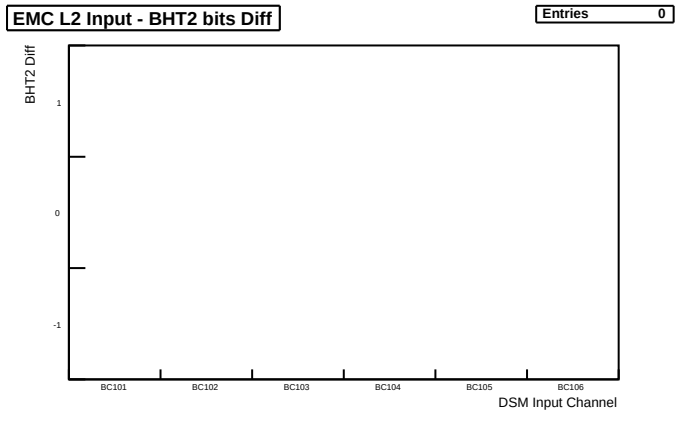

EMC L2 Input - BHT0 bits
Entries 4.296985e+07
BHT0
1
0
54745
89360
78370
89741
91869
89686
7.1069e+06
7.0746e+06
7.0327e+06
7.0109e+06
7.0097e+06
7.0056e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

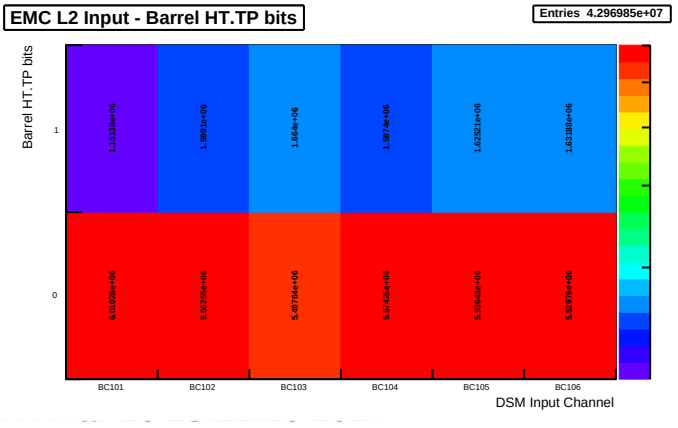

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

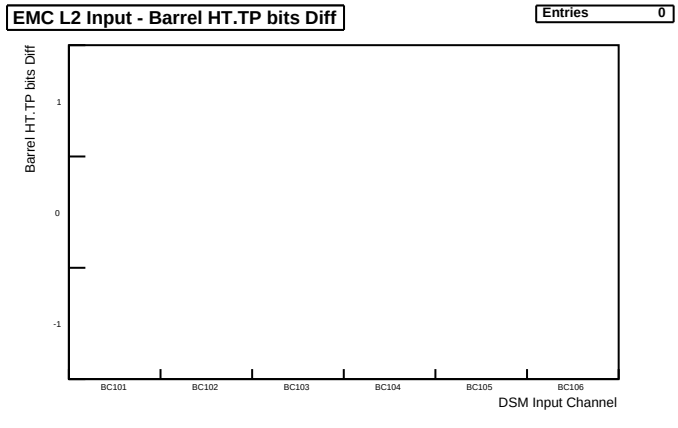

EMC L2 Input - BHT1 bits
Entries 4.296985e+07
BHT1
1
0
24587
40013
35533
35381
41458
35274
7.1370e+06
7.1216 3e+06
7.1261 1e+06
7.1262 6e+06
7.1201 8e+06
7.1203 7e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

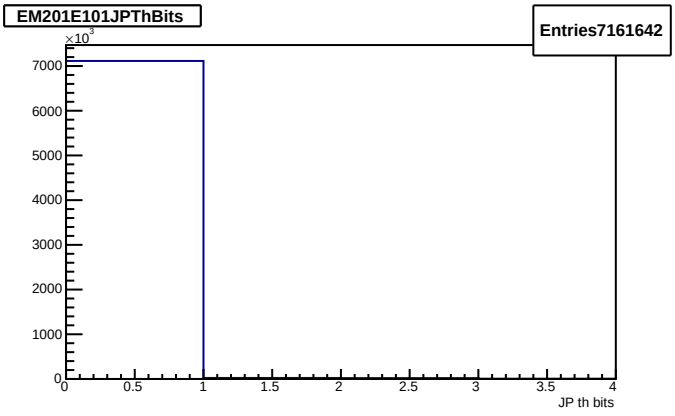

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

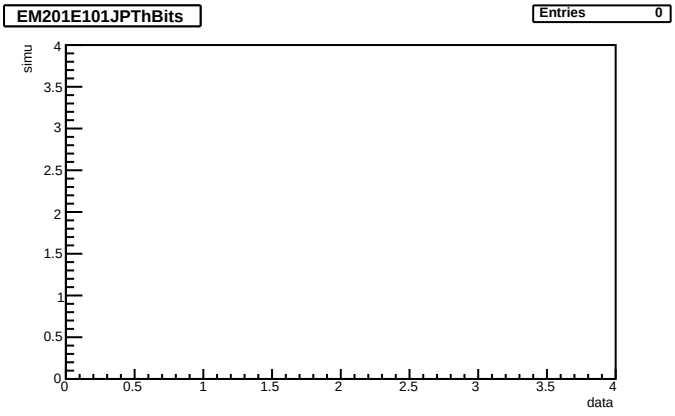

EMC L2 Input - BHT2 bits
Entries 4.296985e+07
BHT2
1
0
10301
17516
15783
16173
18198
16560
7.1508e+06
7.1443e+06
7.1498e+06
7.1457e+06
7.1434e+06
7.1458e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

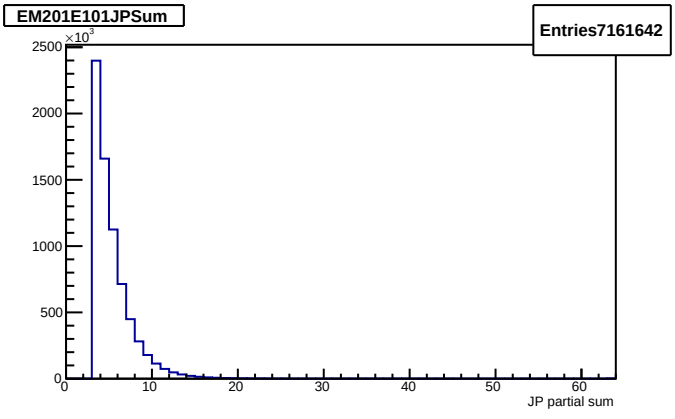

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

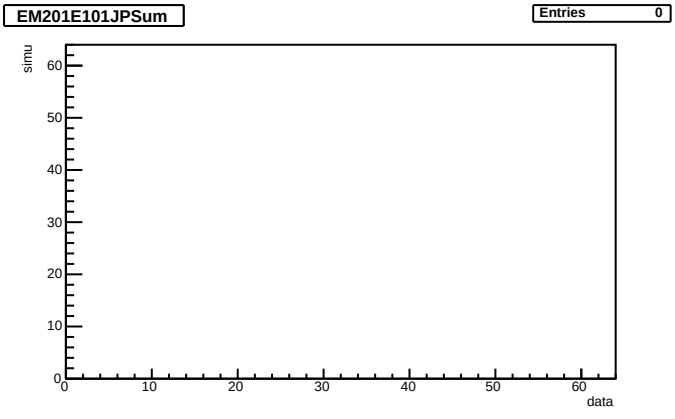

EMC L2 Input - Barrel HT.TP bits
Entries 4.296985e+07
Barrel HT.TP bits
1
0
1.1518e+06
1.9991e+06
1.654e+06
1.9374e+06
1.62321e+06
1.63188e+06
6.01126e+06
5.56259e+06
5.49764e+06
5.57425e+06
5.53543e+06
5.52076e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

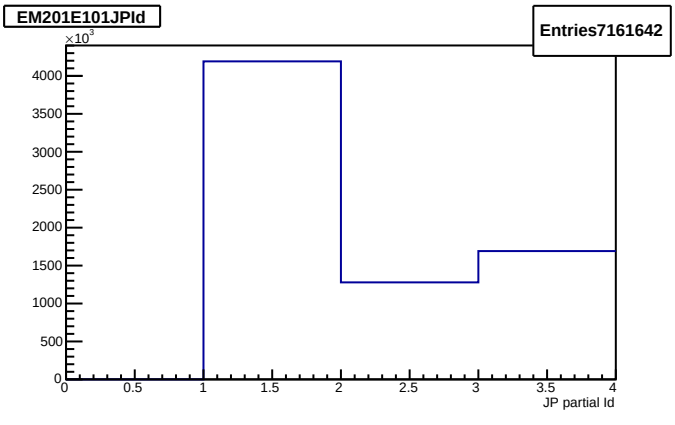

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

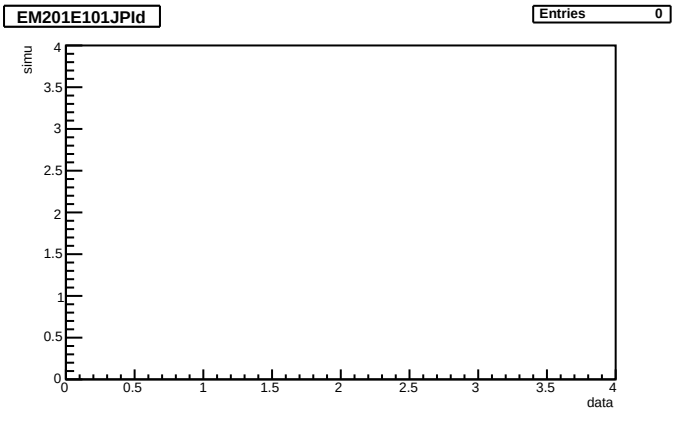

EM201E101JPThBits
Entries7161642
×10^3
JP th bits

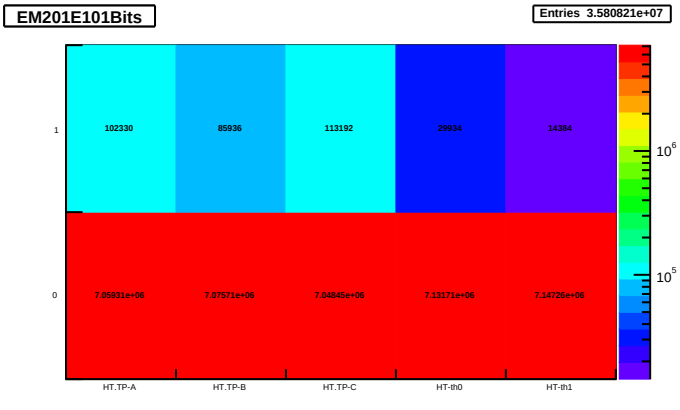

EM201E101JPThBits
Entries 0
simu
data

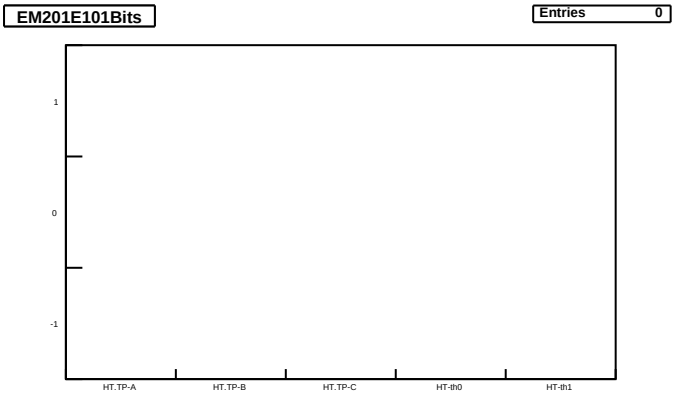

EM201E101JPSum
Entries7161642
×10^3
JP partial sum

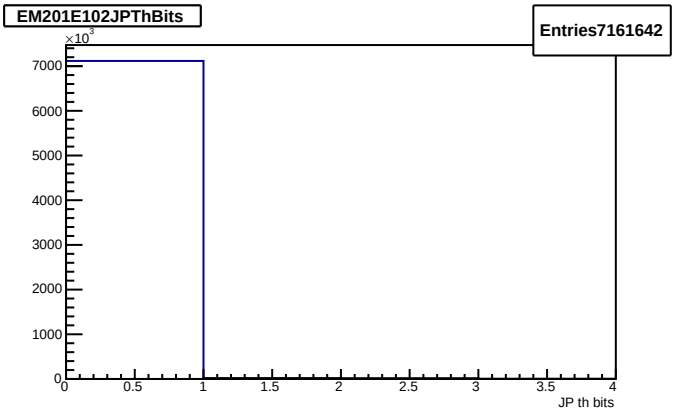

EM201E101JPSum
Entries 0
simu
data

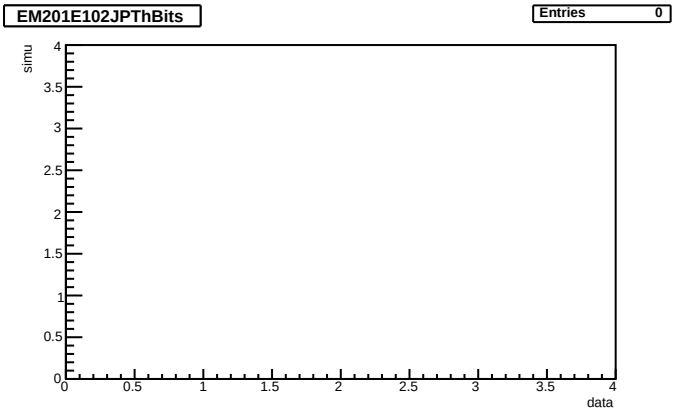

EM201E101JPId
Entries7161642
×10^3
JP partial Id

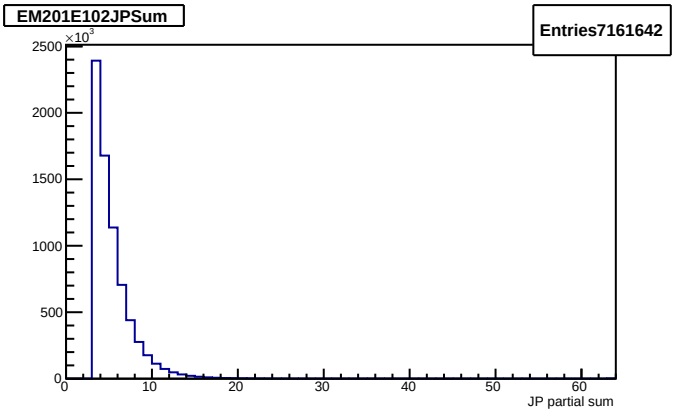

EM201E101JPId
Entries 0
simu
data

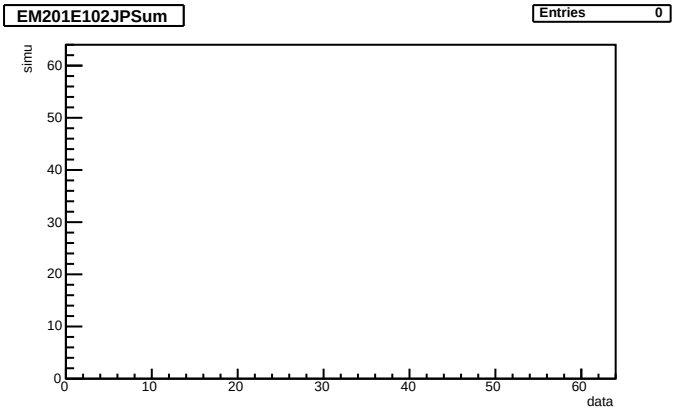

EM201E101Bits
Entries 3.580821e+07
102330
85936
113192
29934
14384
7.05931e+06
7.07571e+06
7.04845e+06
7.13171e+06
7.14726e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

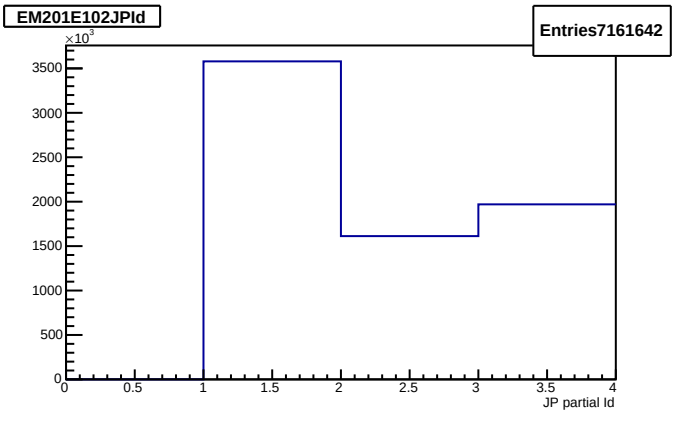

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

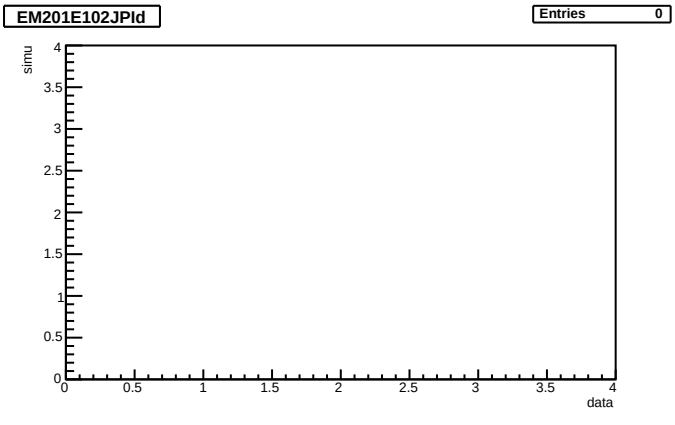

EM201E102JPThBits
Entries7161642
×10^3
JP th bits

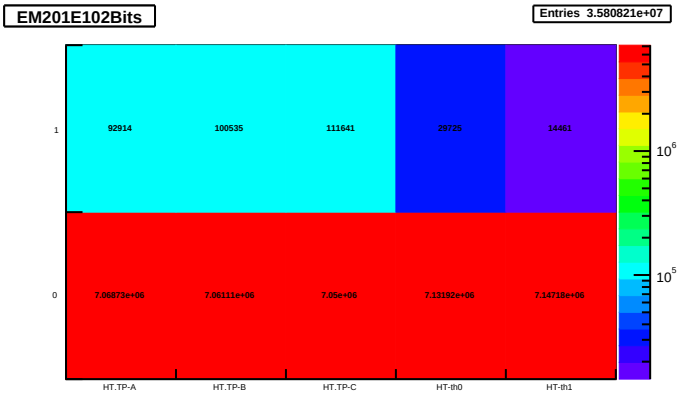

EM201E102JPThBits
Entries 0
simu
data

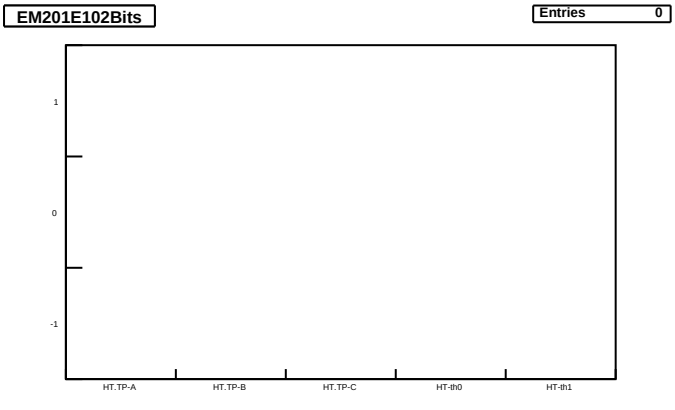

EM201E102JPSum
Entries7161642
×10^3
JP partial sum

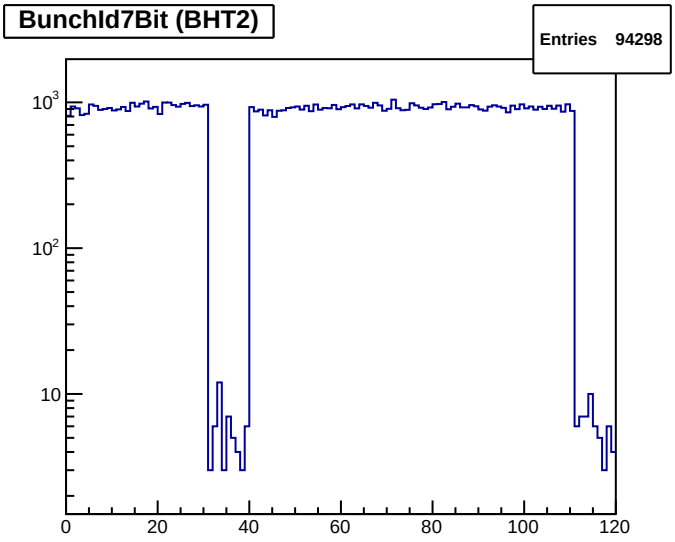

EM201E102JPSum
Entries 0
simu
data

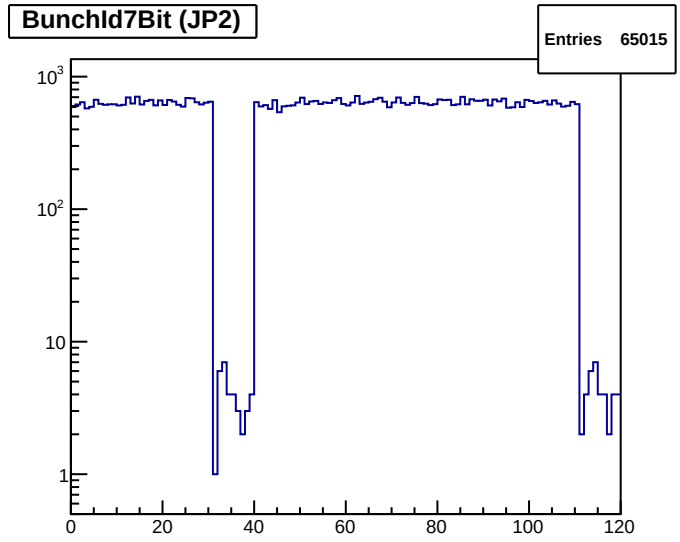

EM201E102JPId
Entries7161642
×10^3
JP partial Id

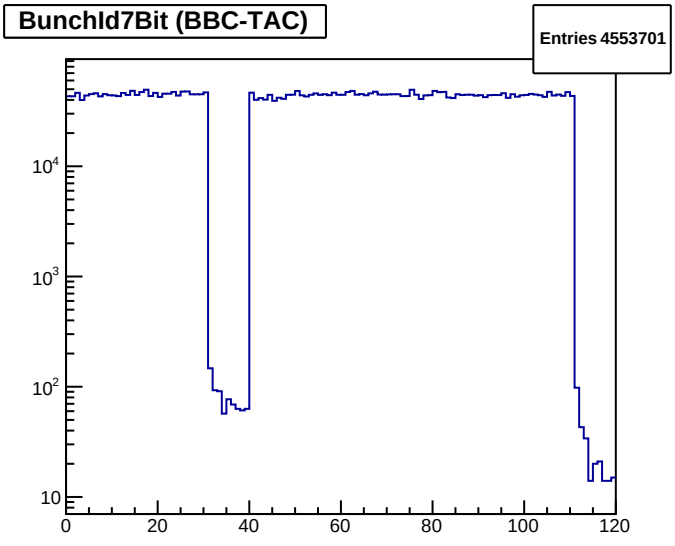

EM201E102JPId
Entries 0
simu
data

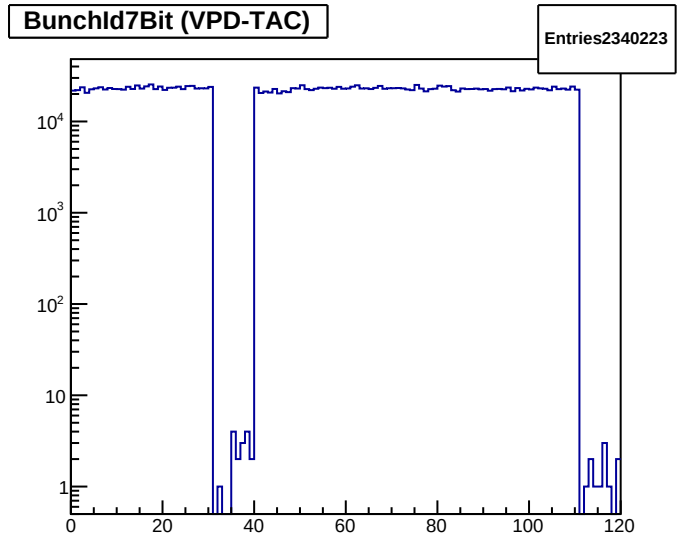

EM201E102Bits
Entries 3.580821e+07
92914
100535
111641
29725
14461
7.06873e+06
7.06111e+06
7.05e+06
7.13192e+06
7.14718e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

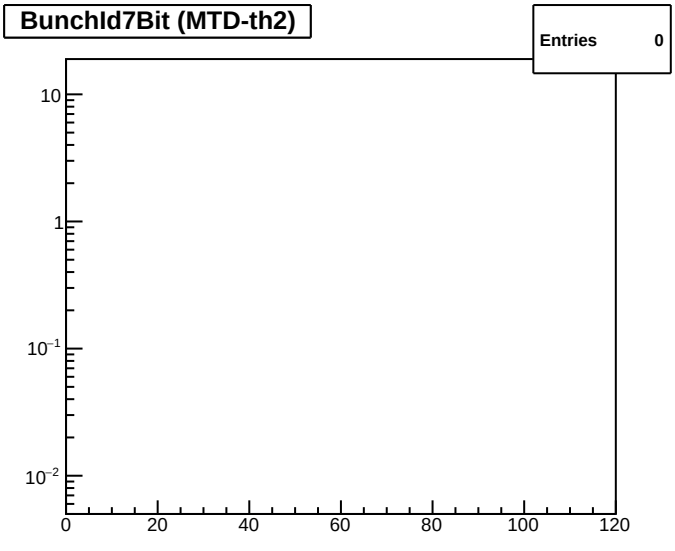

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

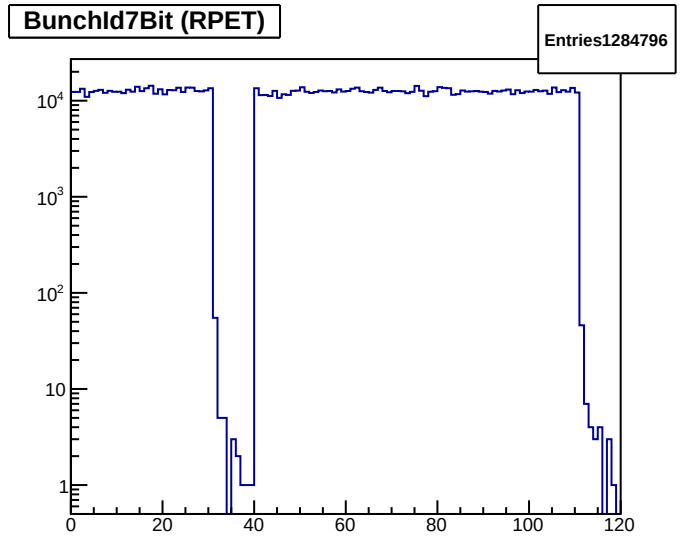

BunchId7Bit (BHT2)
Entries 94298

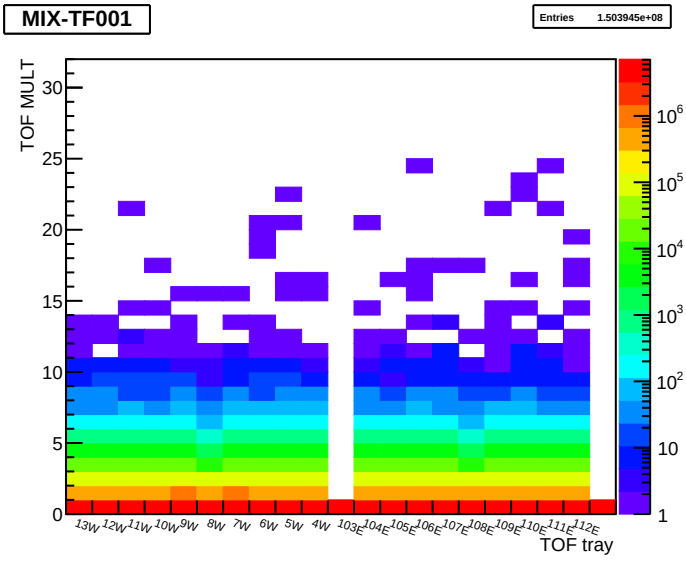

BunchId7Bit (JP2)
Entries 65015

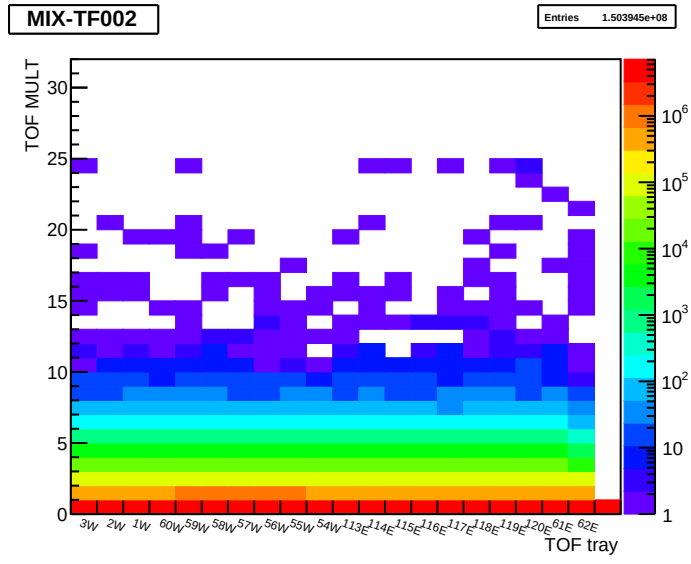

BunchId7Bit (BBC-TAC)
Entries 4553701

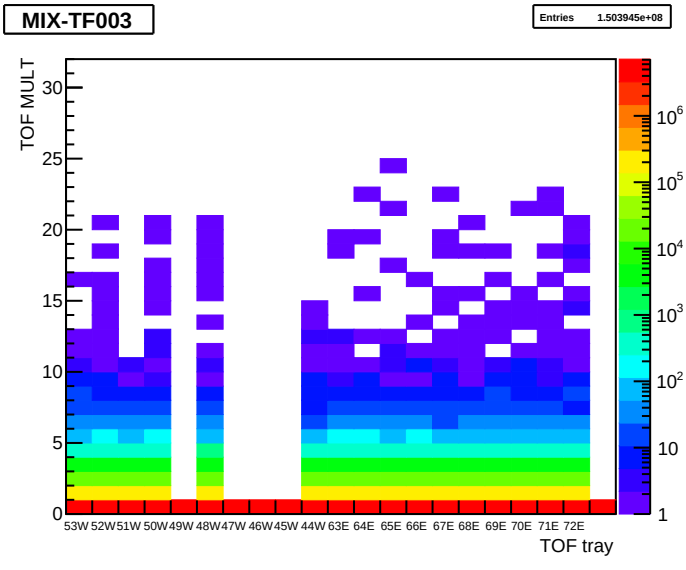

BunchId7Bit (VPD-TAC)
Entries2340223

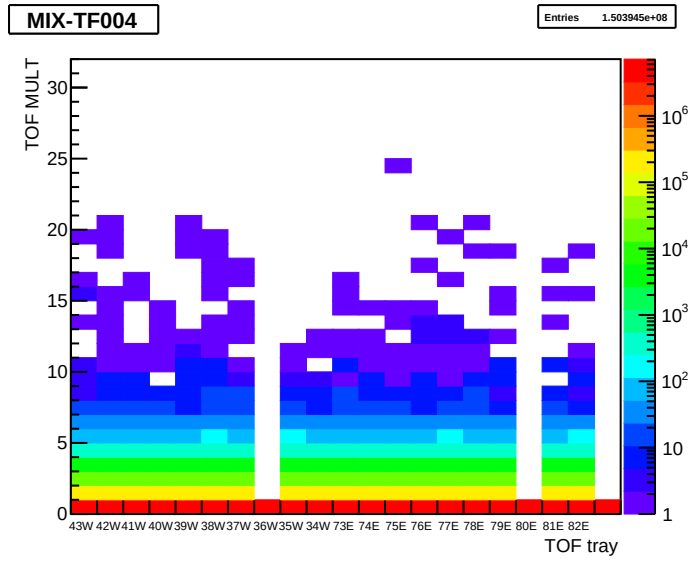

BunchId7Bit (MTD-th2)
Entries 0

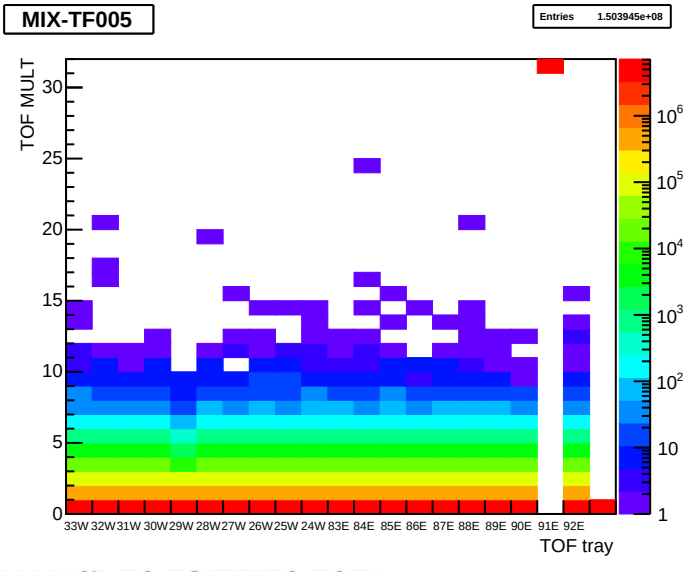

BunchId7Bit (RPET)
Entries1284796

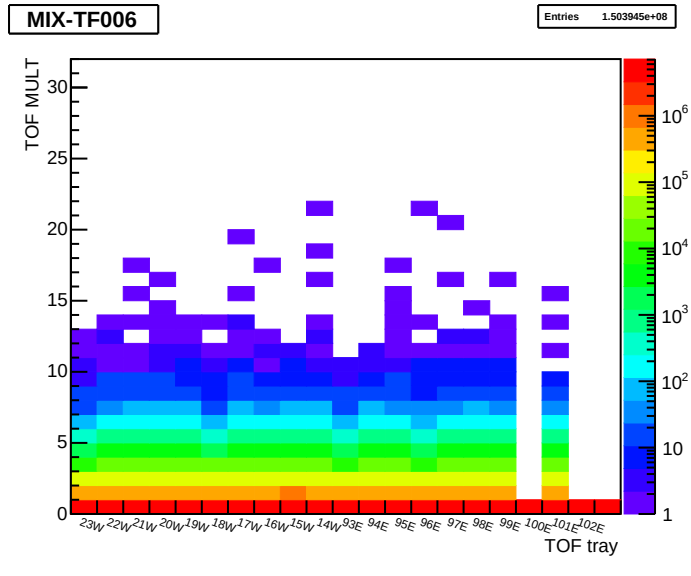

MIX-TF001
Entries 1.503945e+08
TOF MULT
TOF tray

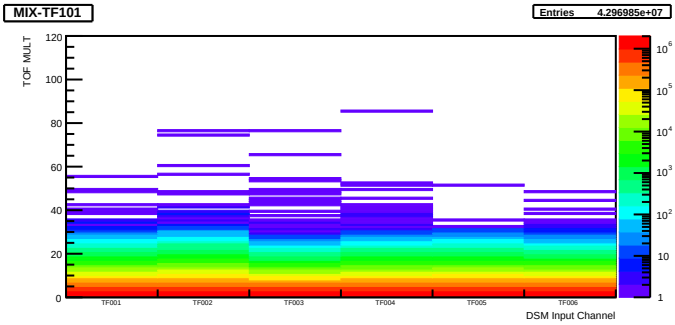

MIX-TF002
Entries 1.503945e+08
TOF MULT
TOF tray

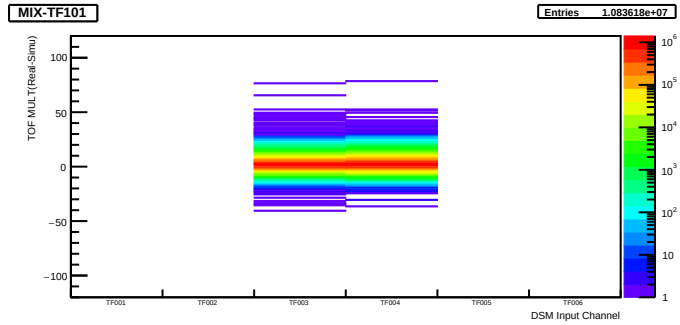

MIX-TF003
Entries 1.503945e+08
TOF MULT
TOF tray

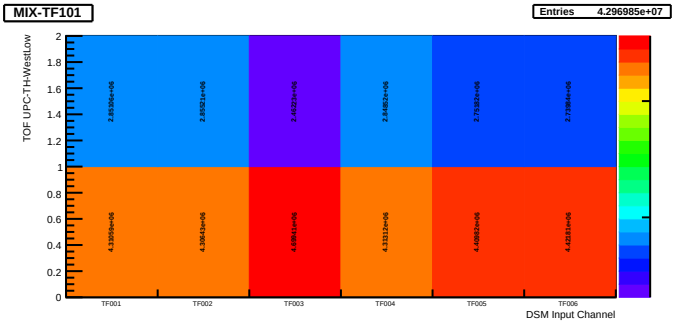

MIX-TF004
Entries 1.503945e+08
TOF MULT
TOF tray

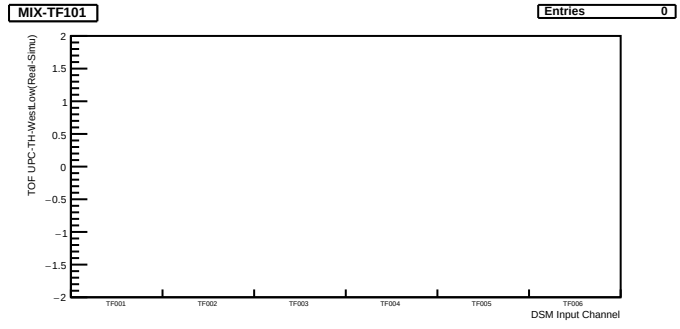

MIX-TF005
Entries 1.503945e+08
TOF MULT
TOF tray

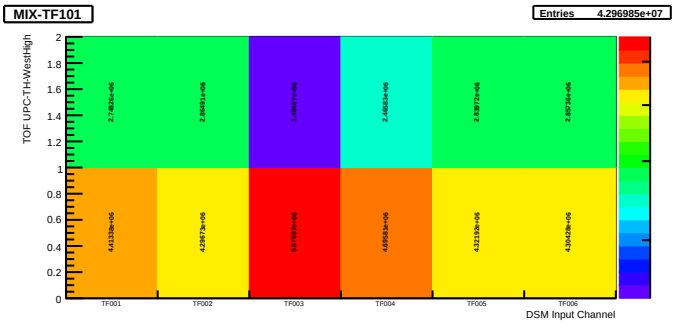

MIX-TF006
Entries 1.503945e+08
TOF MULT
TOF tray

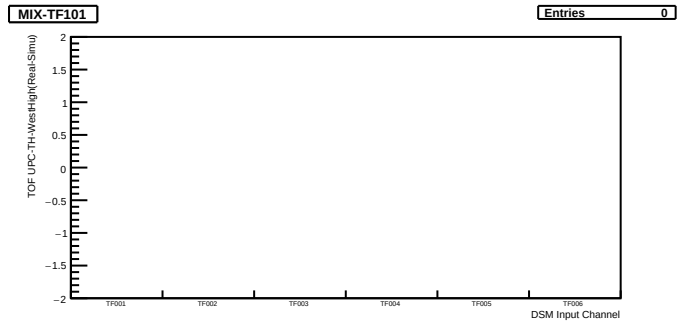

MIX-TF101
Entries 4.296985e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

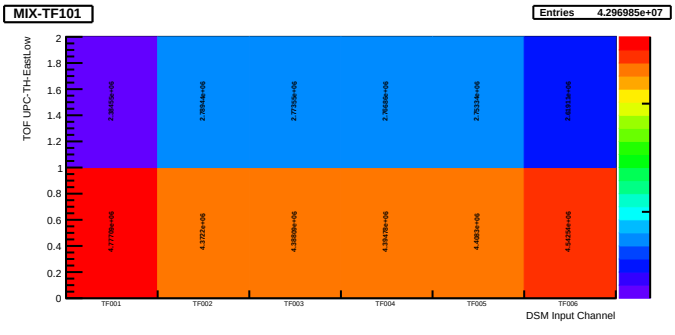

MIX-TF101
Entries 1.083618e+07
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

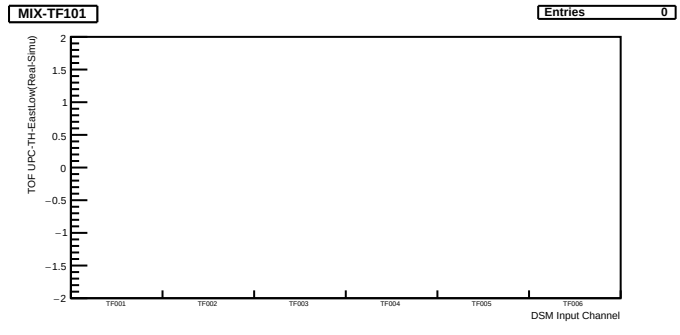

MIX-TF101
Entries 4.296985e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

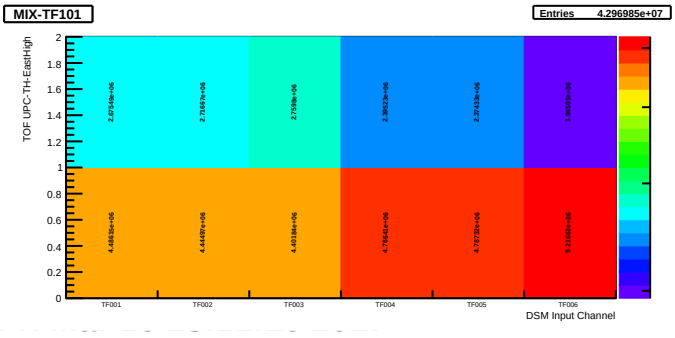

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

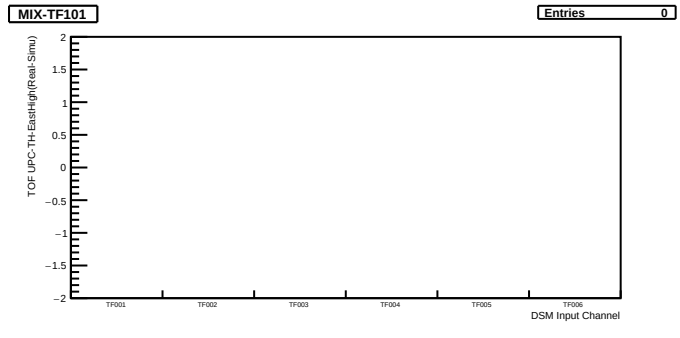

MIX-TF101
Entries 4.296985e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

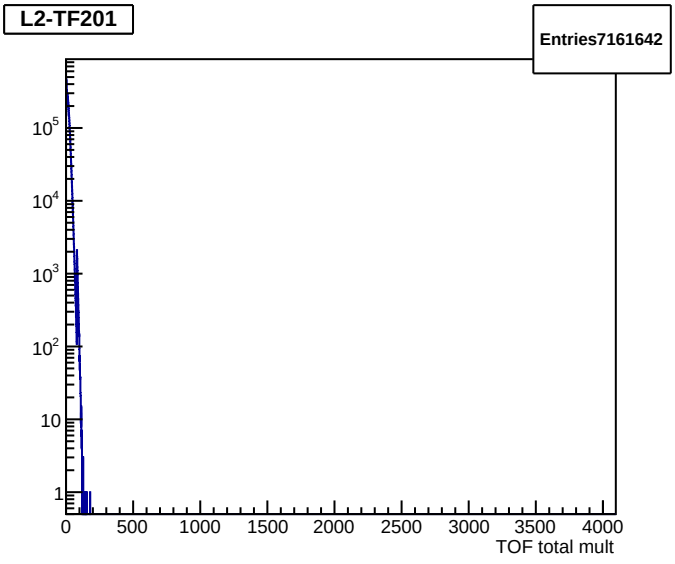

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

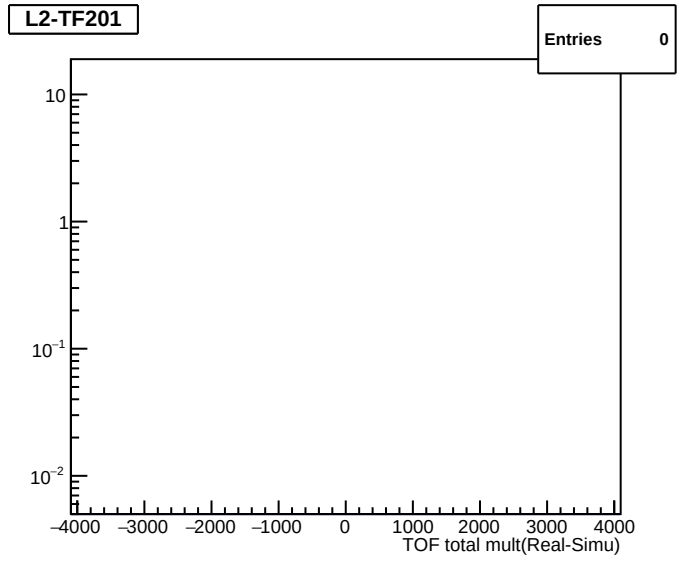

MIX-TF101
Entries 4.296985e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

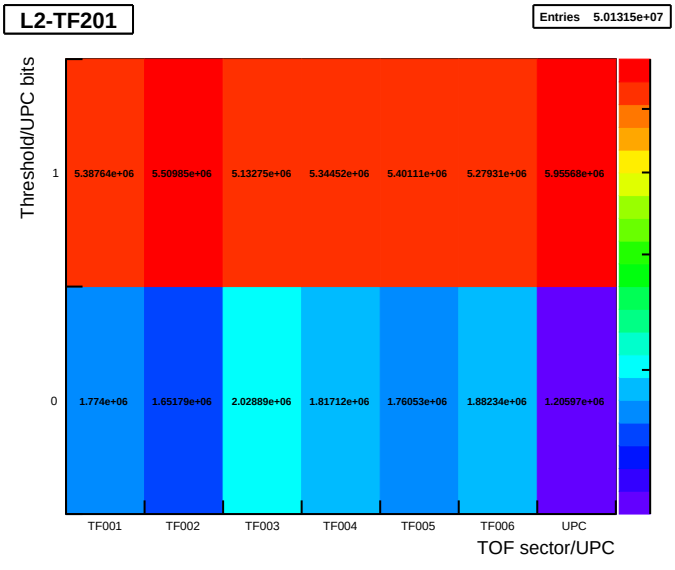

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

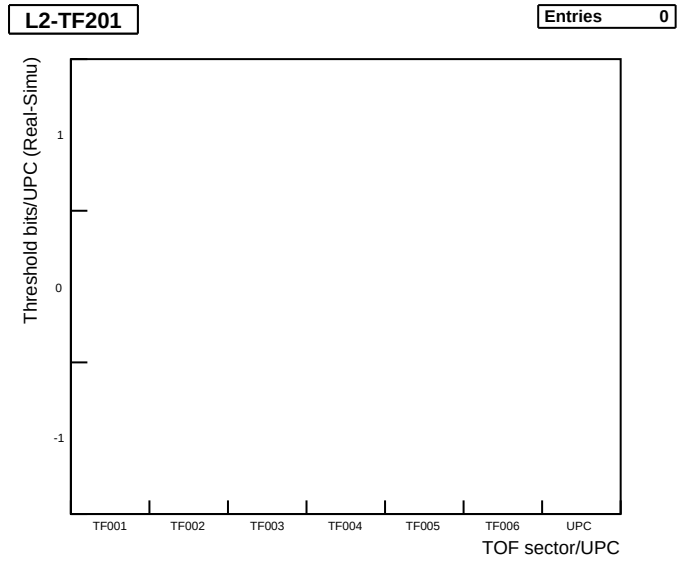

MIX-TF101
Entries 4.296985e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

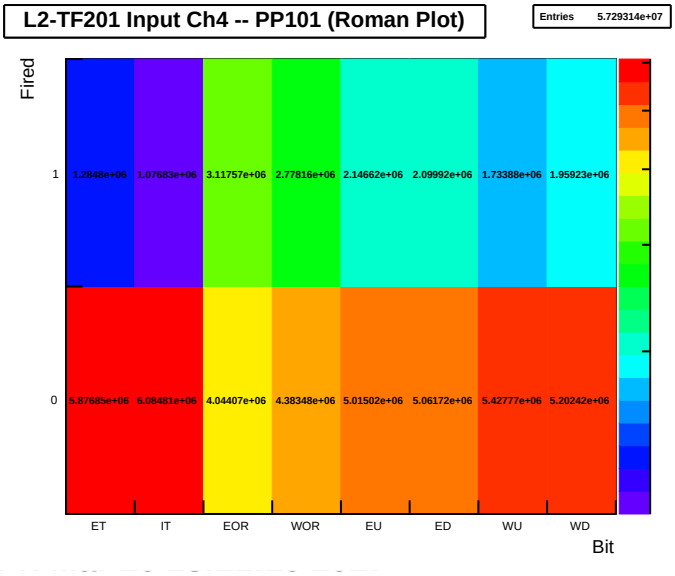

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

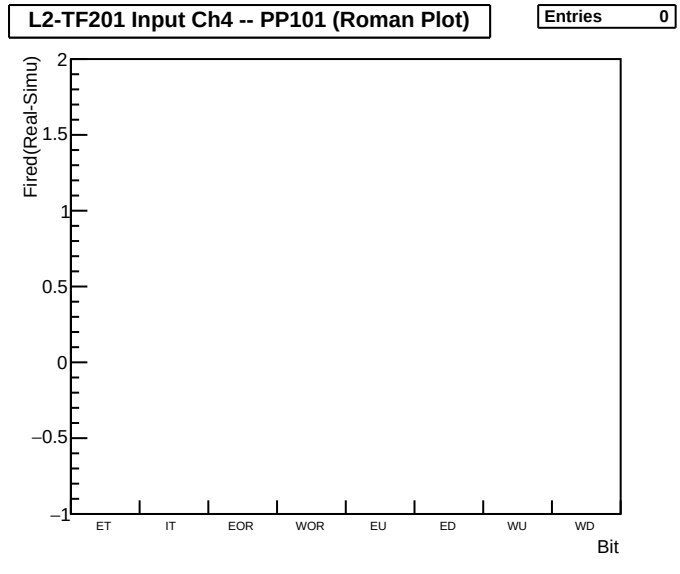

L2-TF201
Entries7161642
TOF total mult

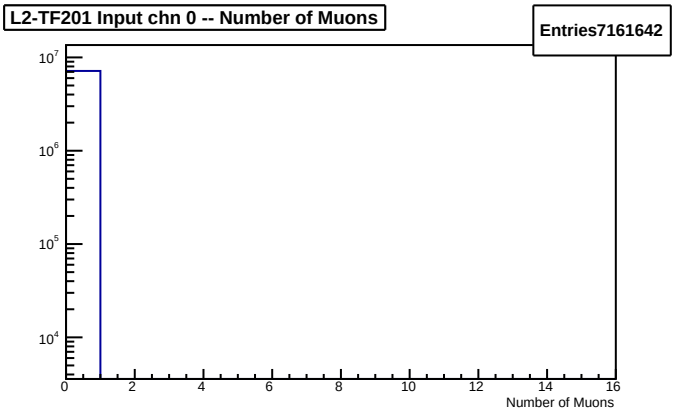

L2-TF201
Entries 0
TOF total mult(Real-Simu)

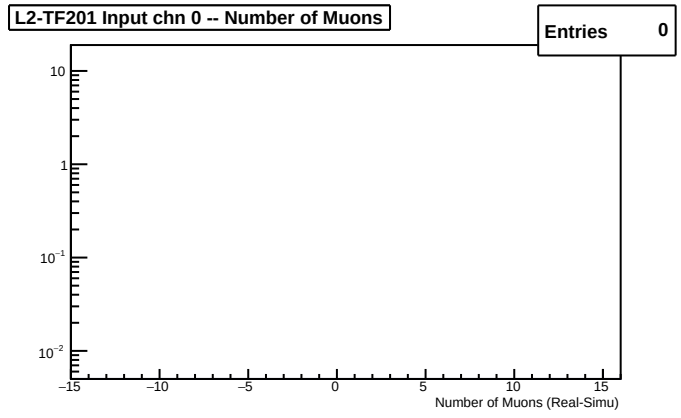

L2-TF201
Entries 5.01315e+07
Threshold/UPC bits
5.38764e+06
5.50985e+06
5.13275e+06
5.34452e+06
5.40111e+06
5.27931e+06
5.95568e+06
1.774e+06
1.65179e+06
2.02889e+06
1.81712e+06
1.76053e+06
1.88234e+06
1.20597e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

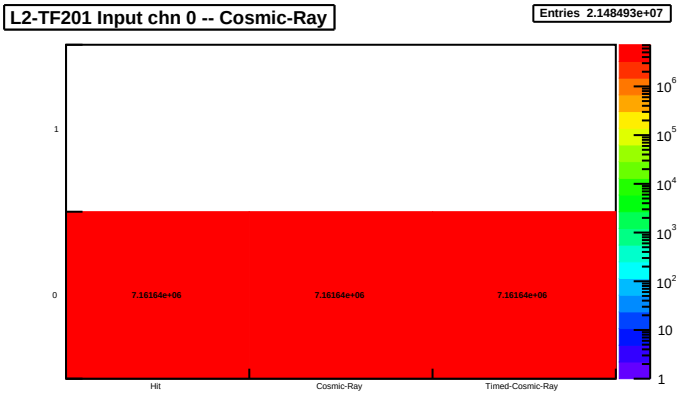

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

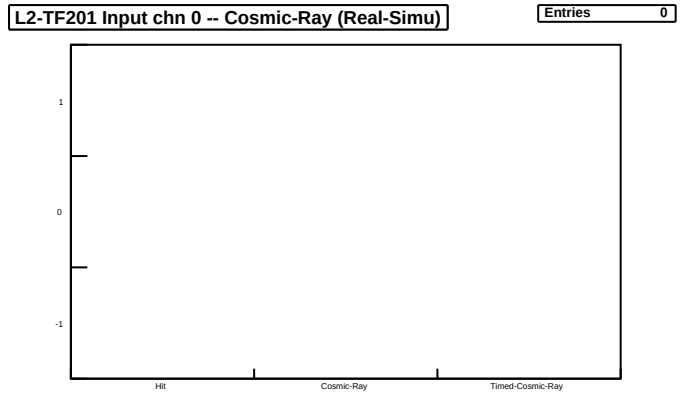

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.729314e+07
Fired
1.2848e+06
1.07683e+06
3.11757e+06
2.77816e+06
2.14662e+06
2.09992e+06
1.73388e+06
1.95923e+06
5.87685e+06
6.08481e+06
4.04407e+06
4.38348e+06
5.01502e+06
5.06172e+06
5.42777e+06
5.20242e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

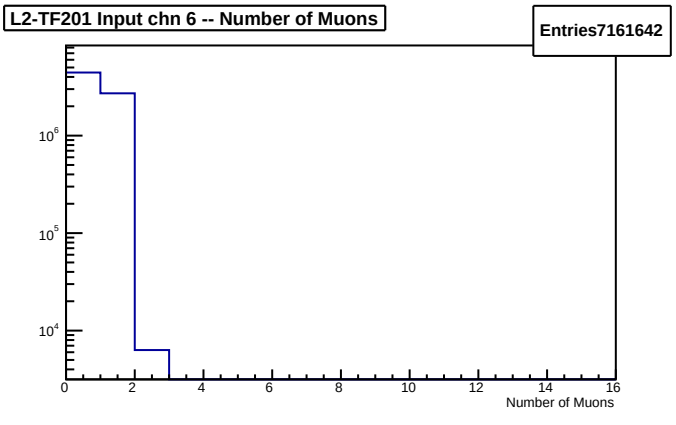

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

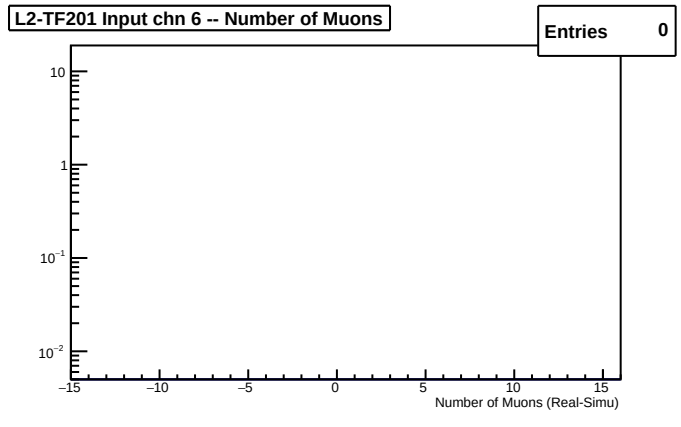

L2-TF201 Input chn 0 -- Number of Muons
Entries7161642
Number of Muons

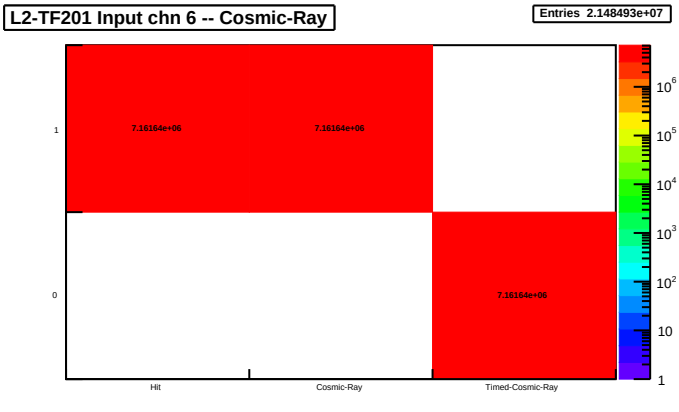

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

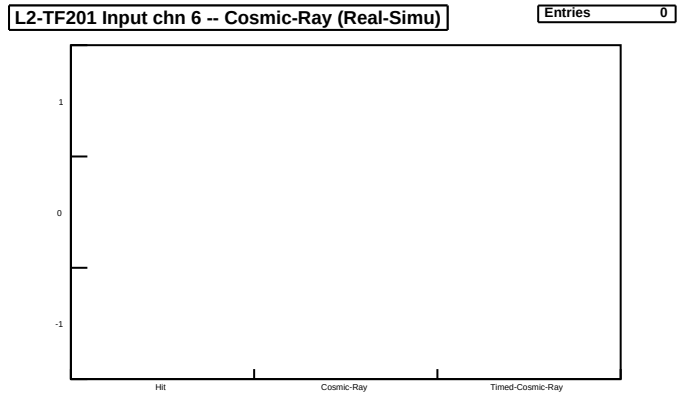

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.148493e+07
7.16164e+06
7.16164e+06
7.16164e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

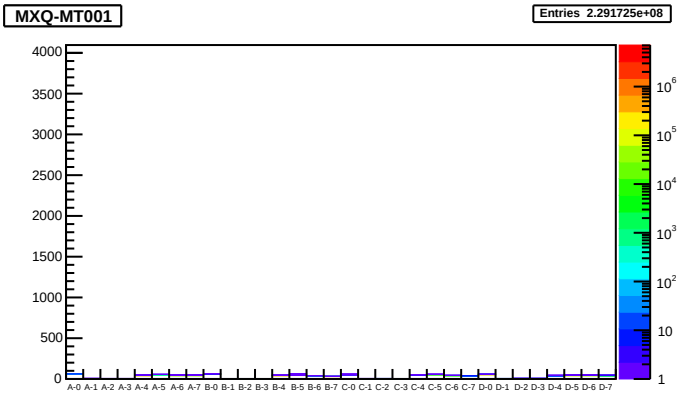

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

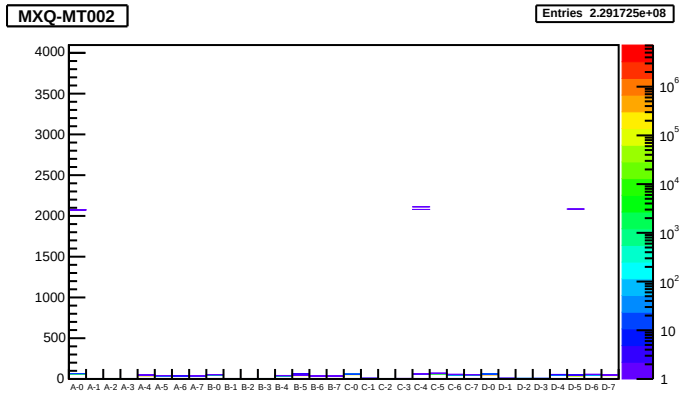

L2-TF201 Input chn 6 -- Number of Muons
Entries7161642
Number of Muons

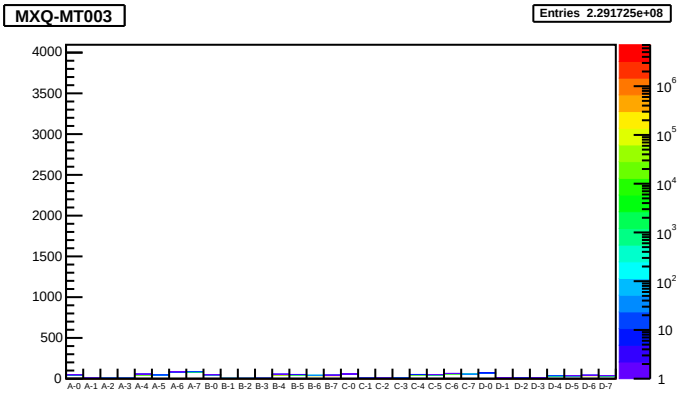

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

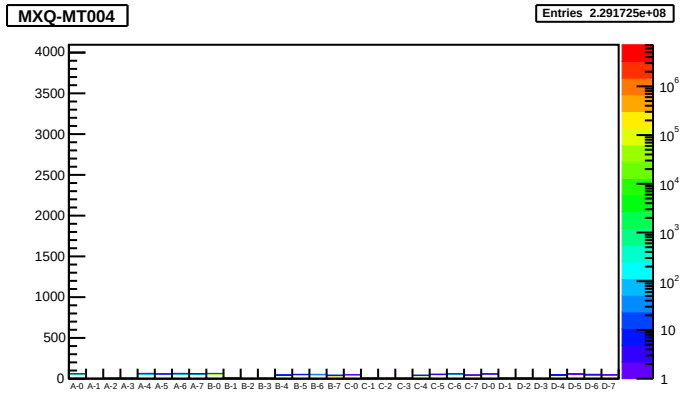

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 2.148493e+07
7.16164e+06
7.16164e+06
7.16164e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

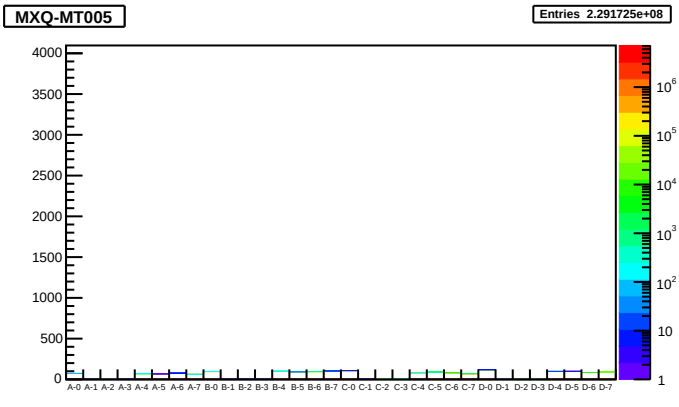

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

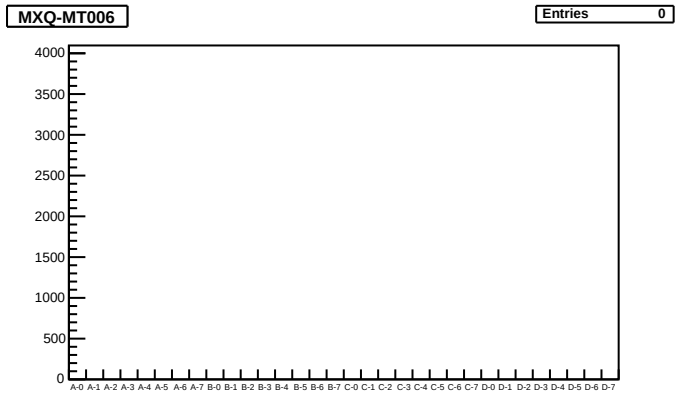

MXQ-MT001
Entries 2.291725e+08

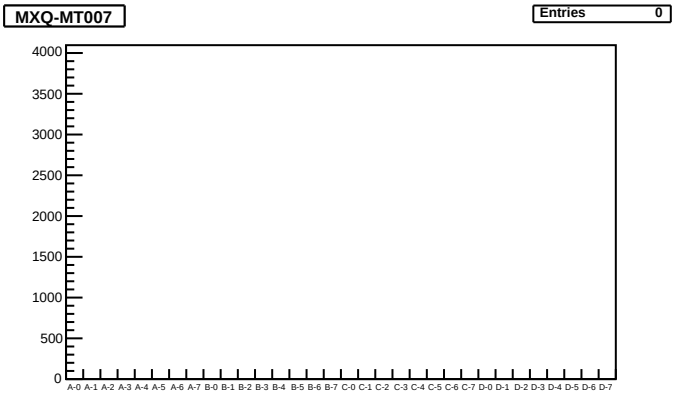

MXQ-MT002
Entries 2.291725e+08

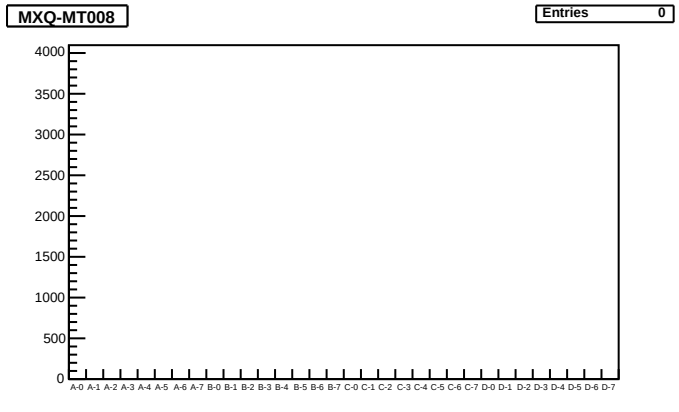

MXQ-MT003
Entries 2.291725e+08

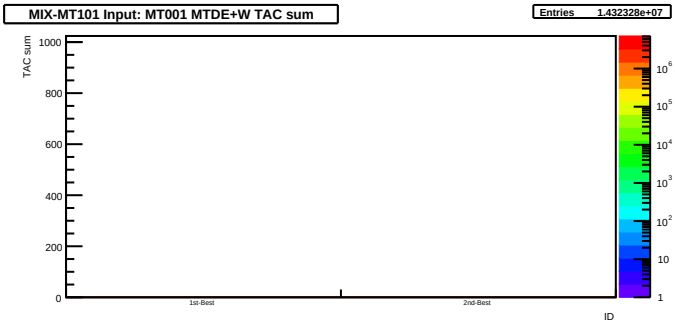

MXQ-MT004
Entries 2.291725e+08

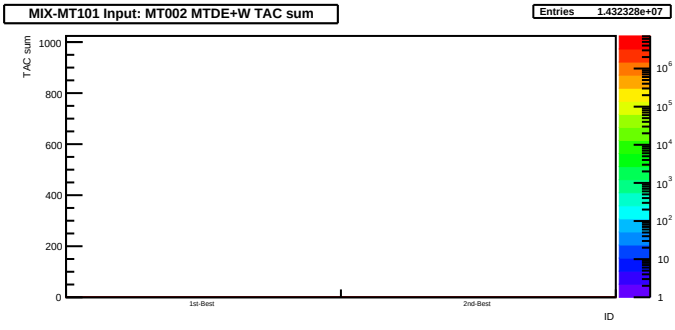

MXQ-MT005
Entries 2.291725e+08

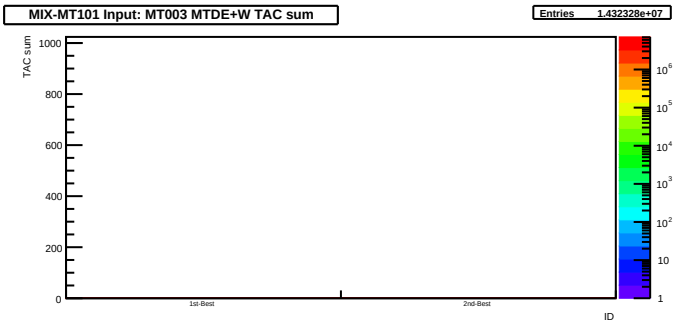

MXQ-MT006
Entries 0

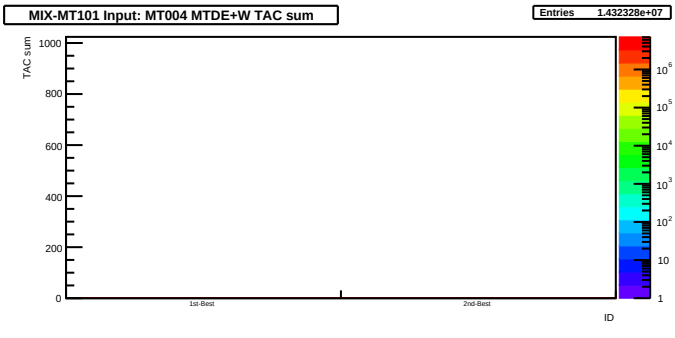

MXQ-MT007
Entries 0

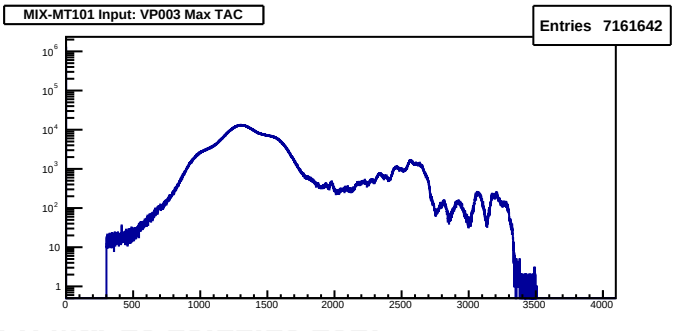

MXQ-MT008
Entries 0

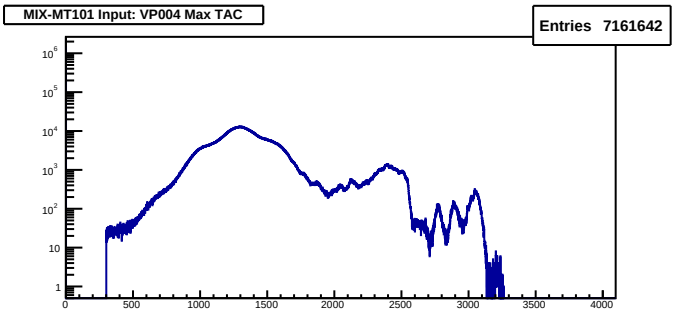

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.432328e+07
TAC sum
1st-Best
2nd-Best
ID

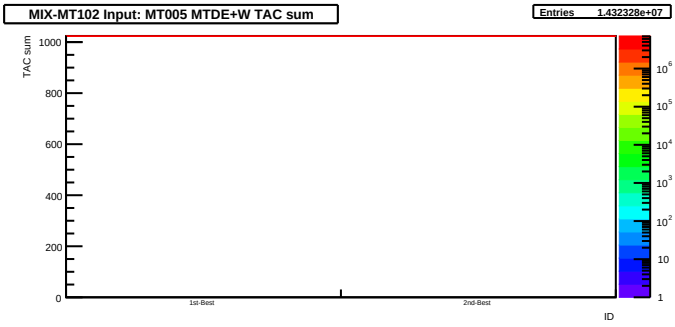

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.432328e+07
TAC sum
1st-Best
2nd-Best
ID

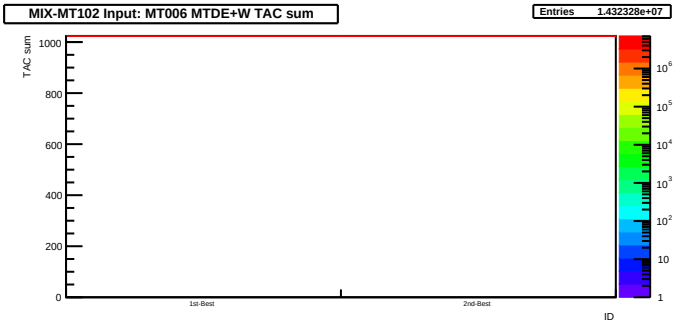

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.432328e+07
TAC sum
1st-Best
2nd-Best
ID

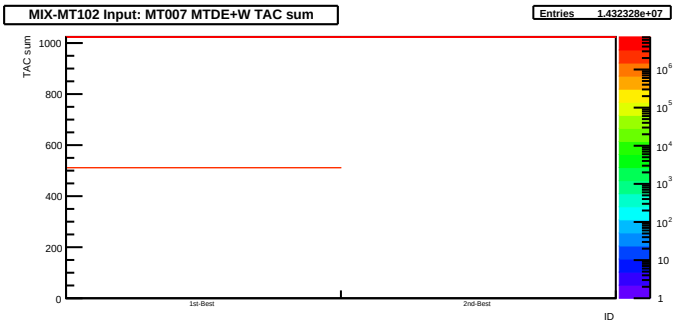

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.432328e+07
TAC sum
1st-Best
2nd-Best
ID

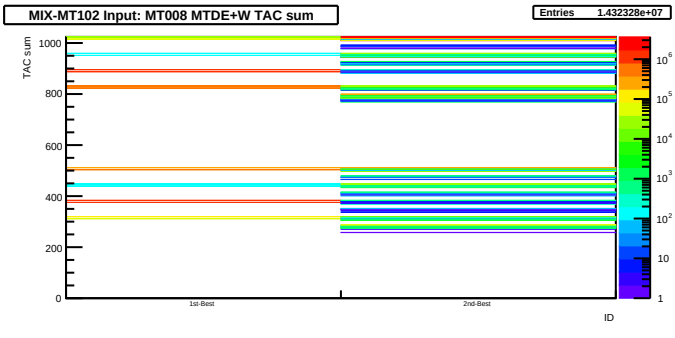

MIX-MT101 Input: VP003 Max TAC
Entries 7161642

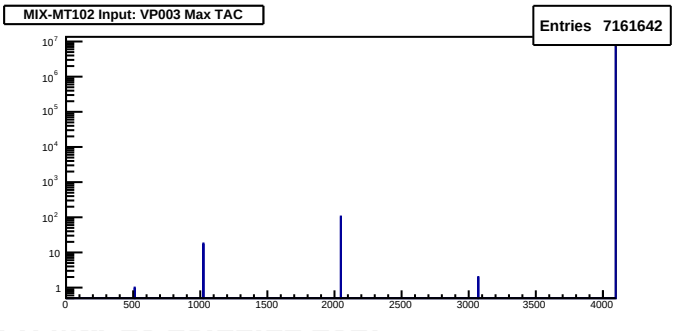

MIX-MT101 Input: VP004 Max TAC
Entries 7161642

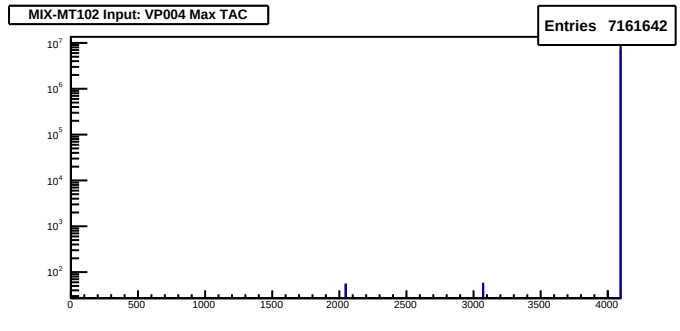

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1.432328e+07
TAC sum
1st-Best
2nd-Best
ID

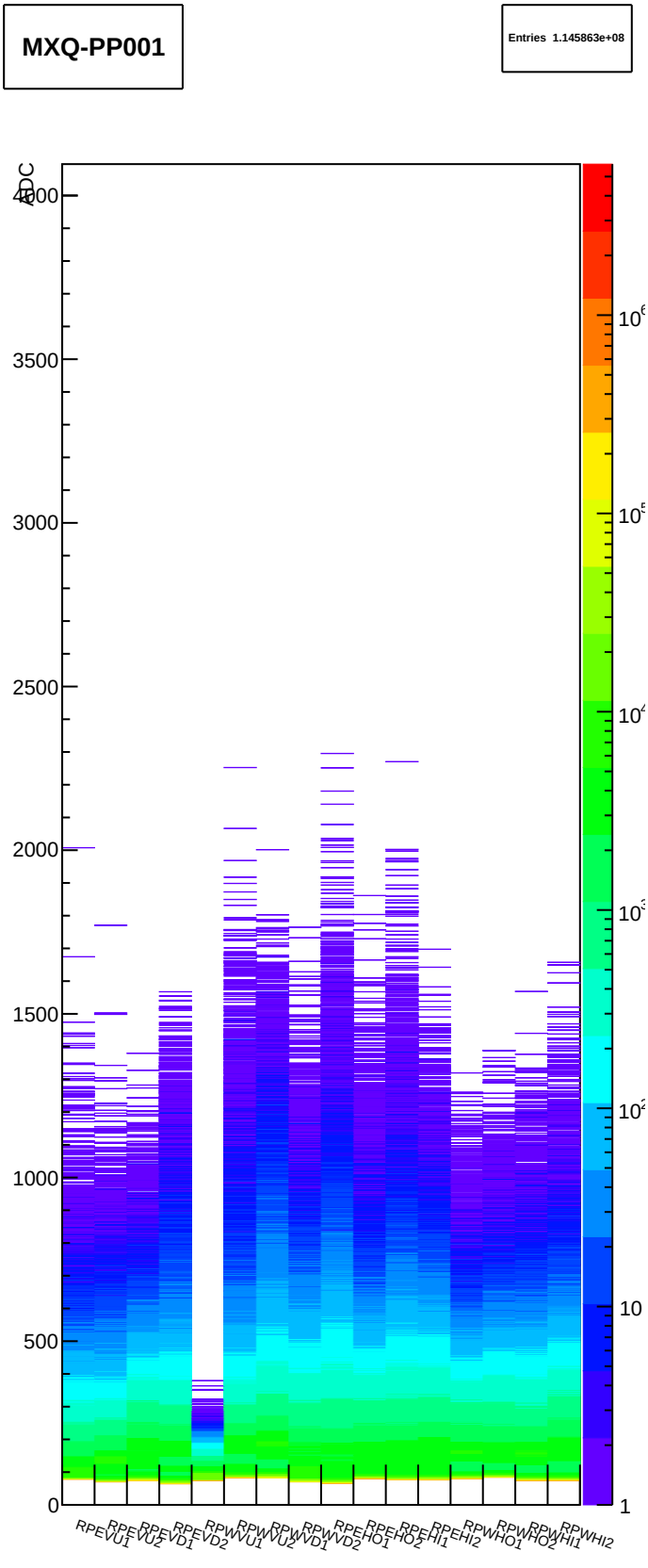

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1.432328e+07
TAC sum
1st-Best
2nd-Best
ID

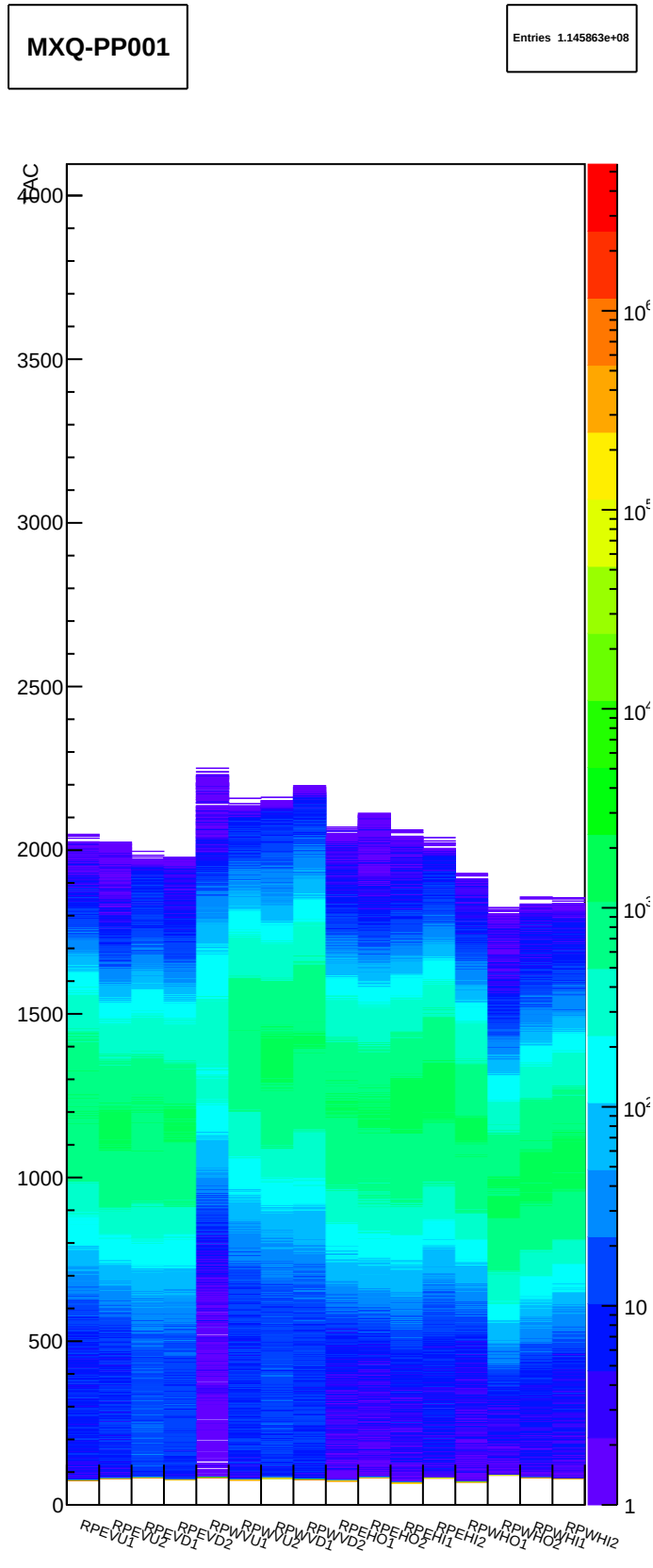

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1.432328e+07
TAC sum
1st-Best
2nd-Best
ID

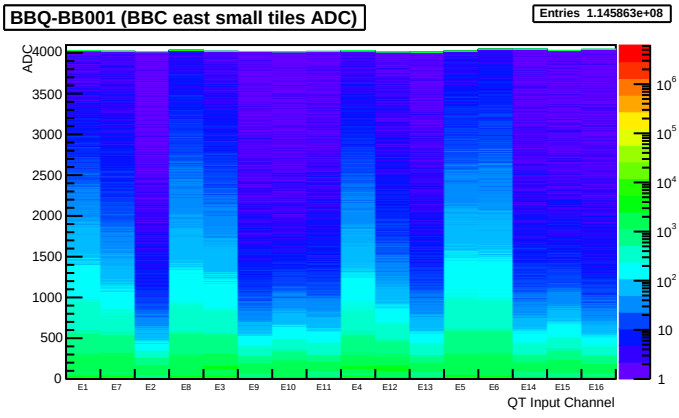

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1.432328e+07
TAC sum
1st-Best
2nd-Best
ID

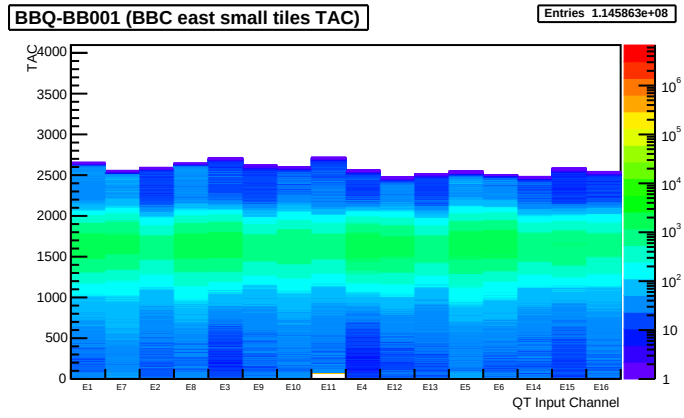

MIX-MT102 Input: VP003 Max TAC
Entries 7161642

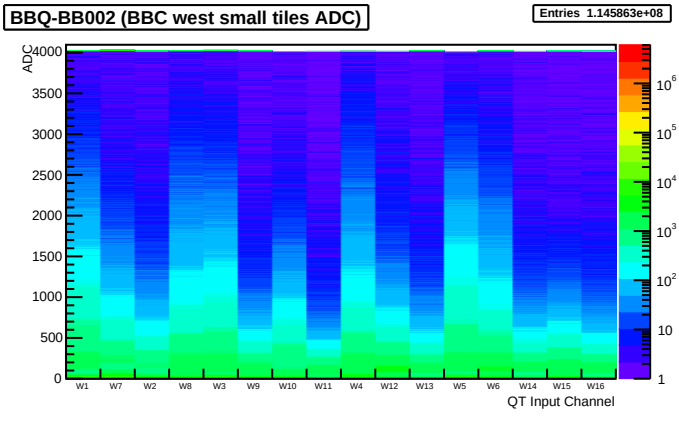

MIX-MT102 Input: VP004 Max TAC
Entries 7161642

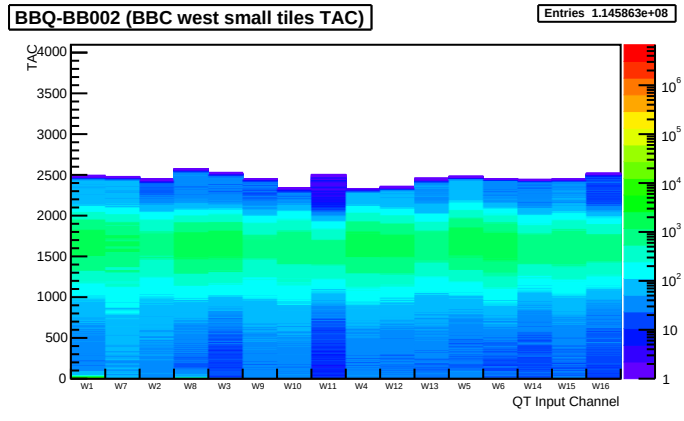

MXQ-PP001
Entries 1.145863e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

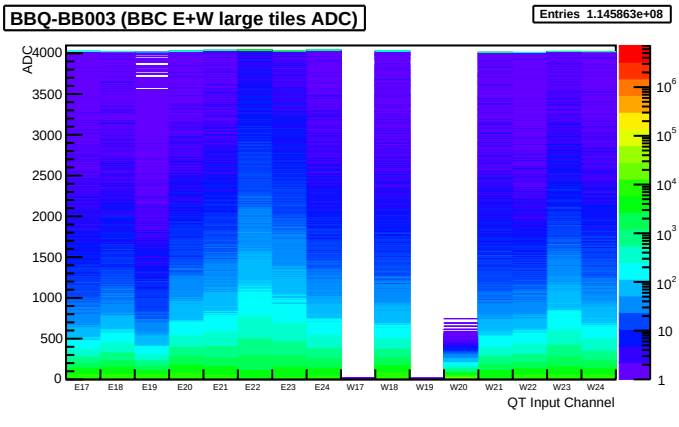

MXQ-PP001
Entries 1.145863e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

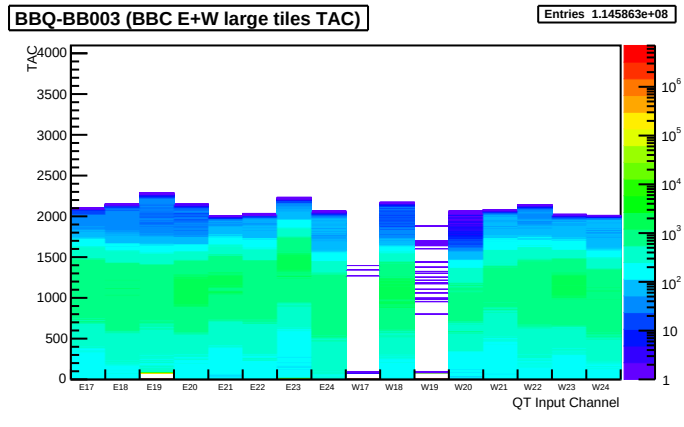

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.145863e+08
ADC
QT Input Channel

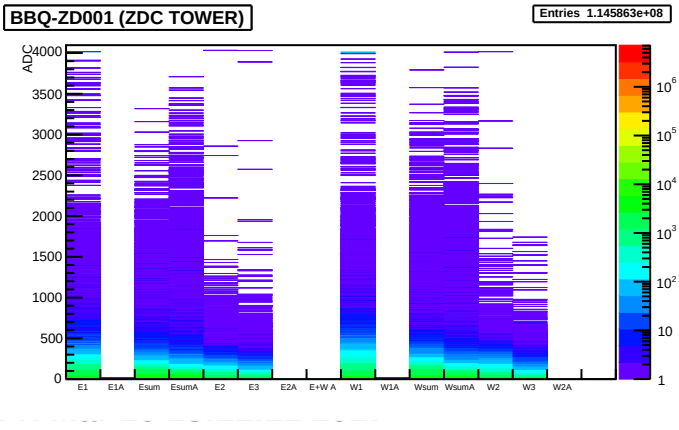

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.145863e+08
TAC
QT Input Channel

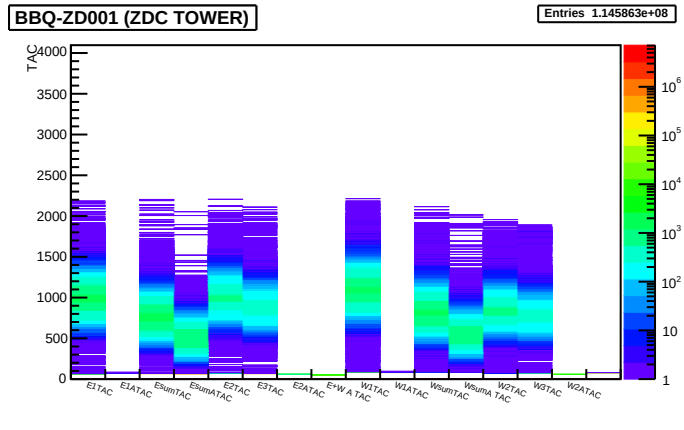

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.145863e+08
ADC
QT Input Channel

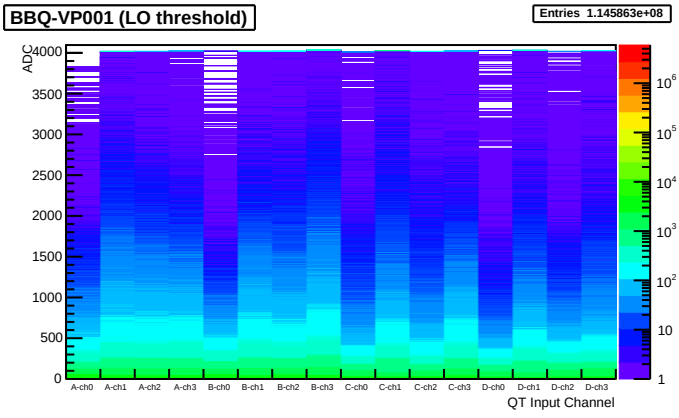

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.145863e+08
TAC
QT Input Channel

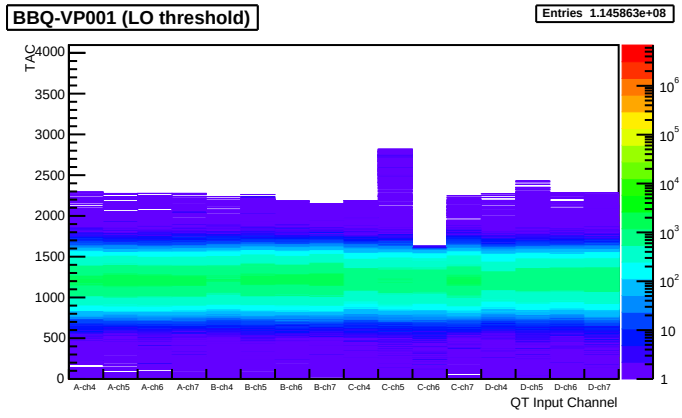

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.145863e+08
ADC
QT Input Channel

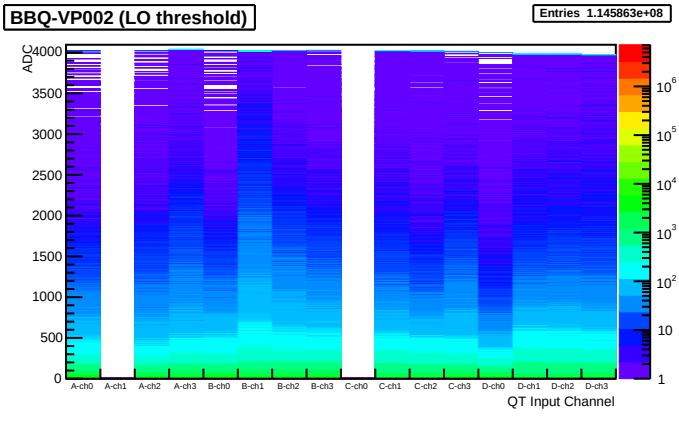

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.145863e+08
TAC
QT Input Channel

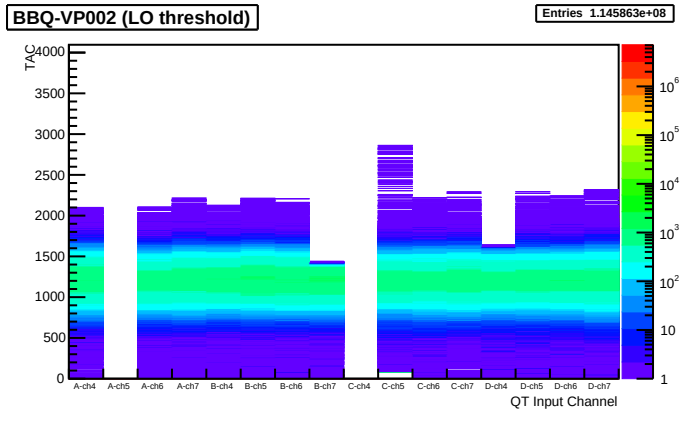

BBQ-ZD001 (ZDC TOWER)
Entries 1.145863e+08
ADC

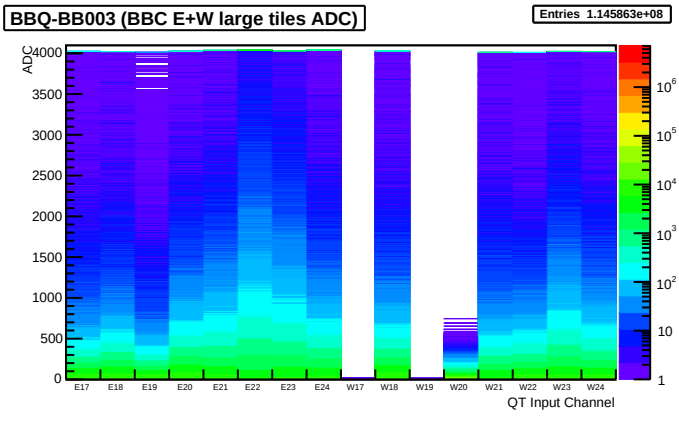

BBQ-ZD001 (ZDC TOWER)
Entries 1.145863e+08
TAC

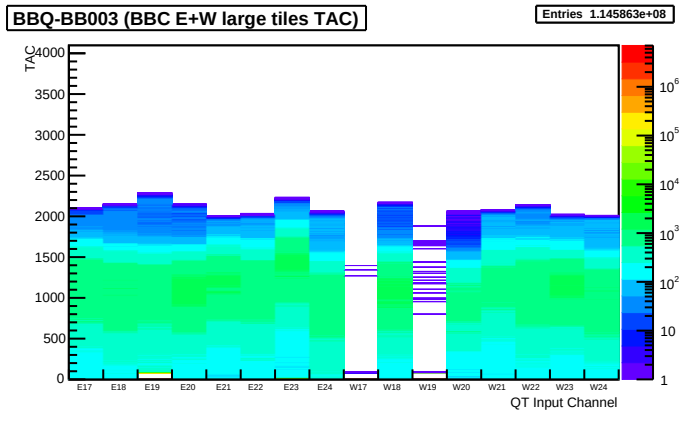

BBQ-VP001 (LO threshold)
Entries 1.145863e+08
ADC
QT Input Channel

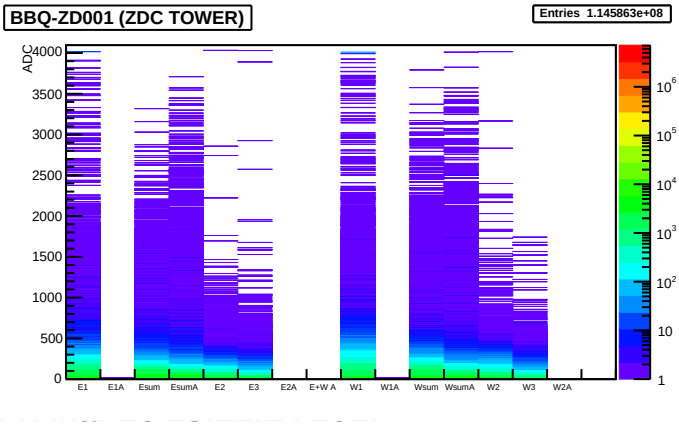

BBQ-VP001 (LO threshold)
Entries 1.145863e+08
TAC
QT Input Channel

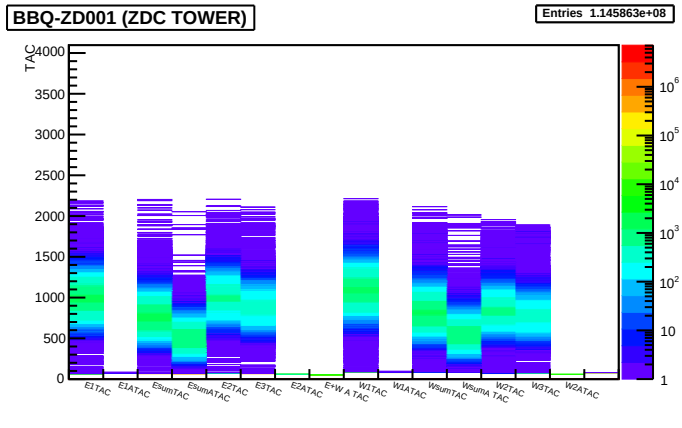

BBQ-VP002 (LO threshold)
Entries 1.145863e+08
ADC
QT Input Channel

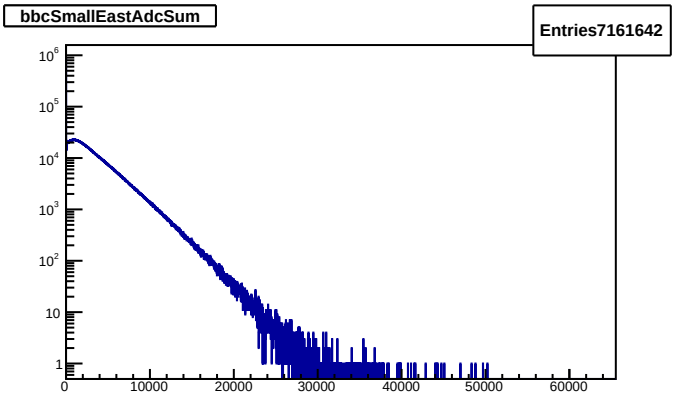

BBQ-VP002 (LO threshold)
Entries 1.145863e+08
TAC
QT Input Channel

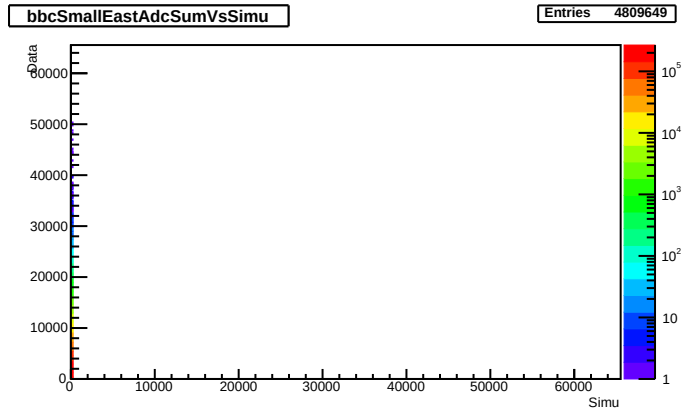

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.145863e+08
ADC
QT Input Channel

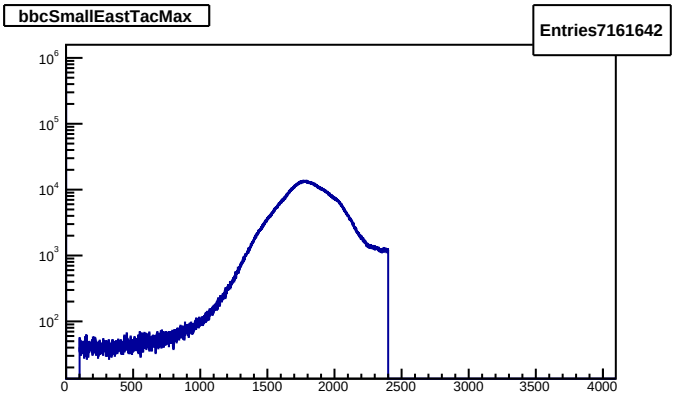

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.145863e+08
TAC
QT Input Channel

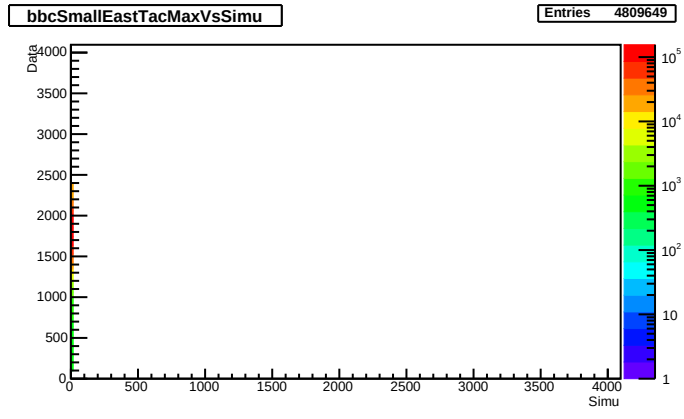

BBQ-ZD001 (ZDC TOWER)
Entries 1.145863e+08
ADC

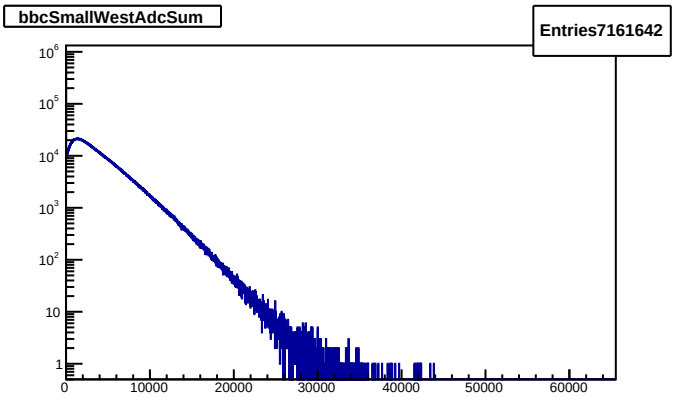

BBQ-ZD001 (ZDC TOWER)
Entries 1.145863e+08
TAC

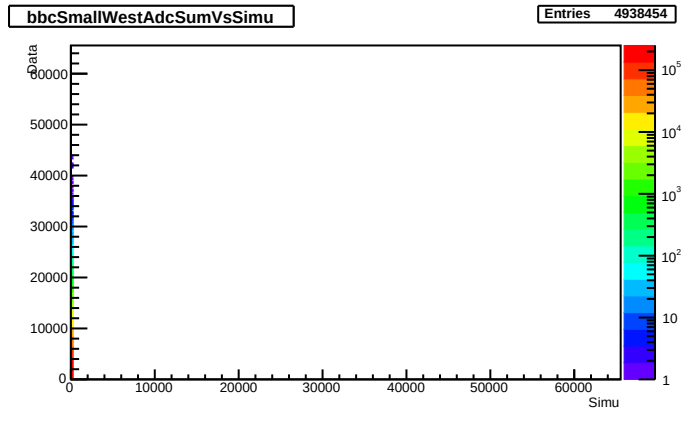

bbcSmallEastAdcSum
Entries7161642

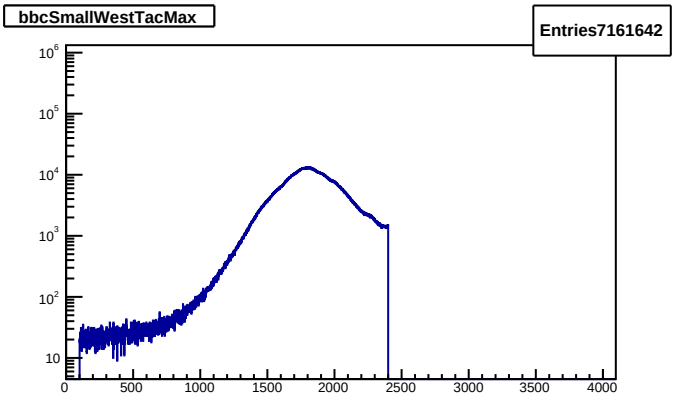

bbcSmallEastAdcSumVsSimu
Entries 4809649
Data
Simu

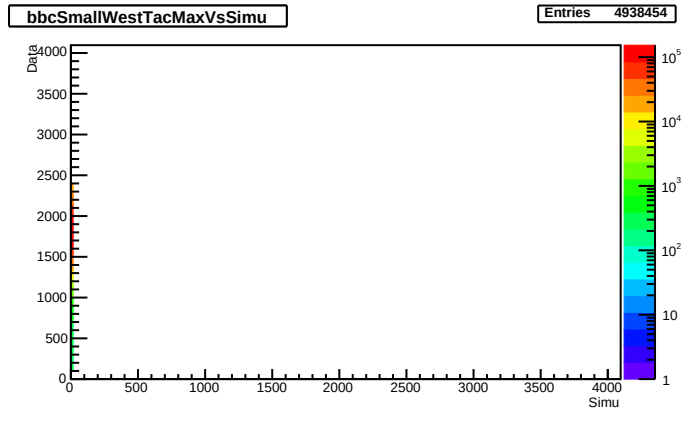

bbcSmallEastTacMax
Entries7161642

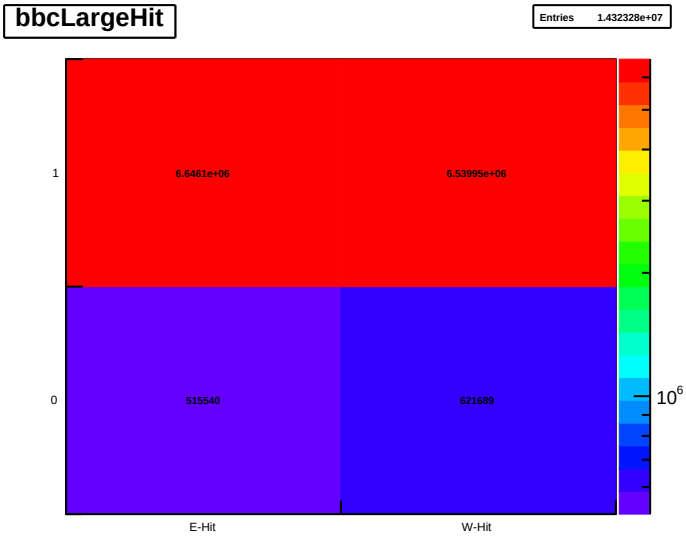

bbcSmallEastTacMaxVsSimu
Entries 4809649
Data
Simu

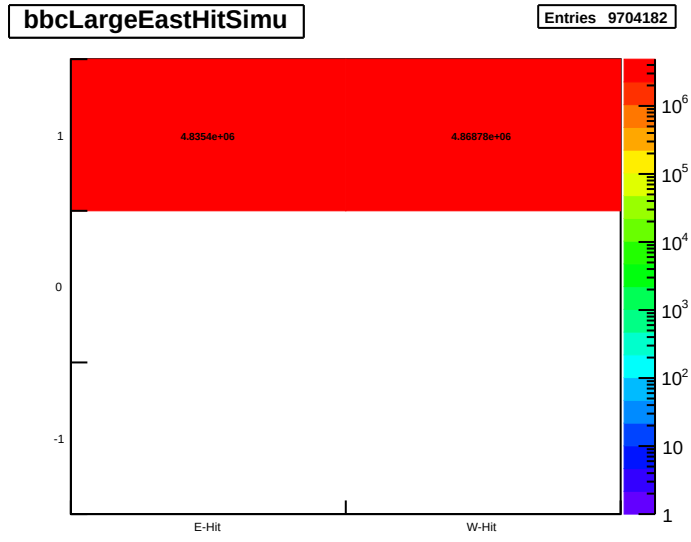

bbcSmallWestAdcSum
Entries7161642

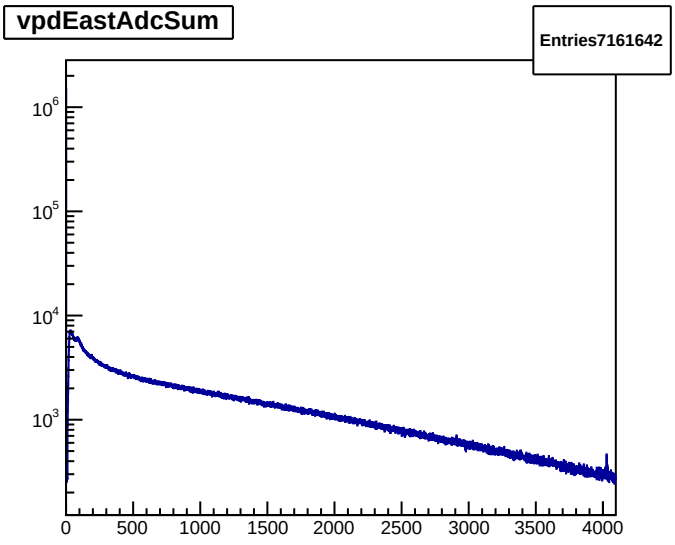

bbcSmallWestAdcSumVsSimu
Entries 4938454
Data
Simu

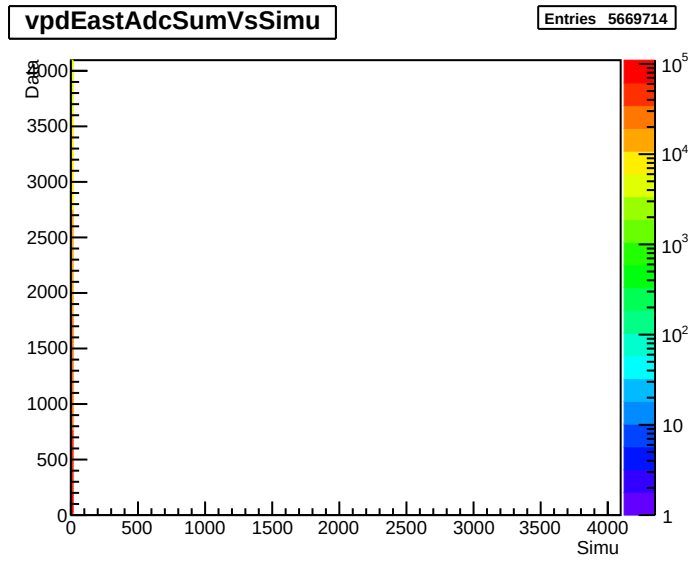

bbcSmallWestTacMax
Entries7161642

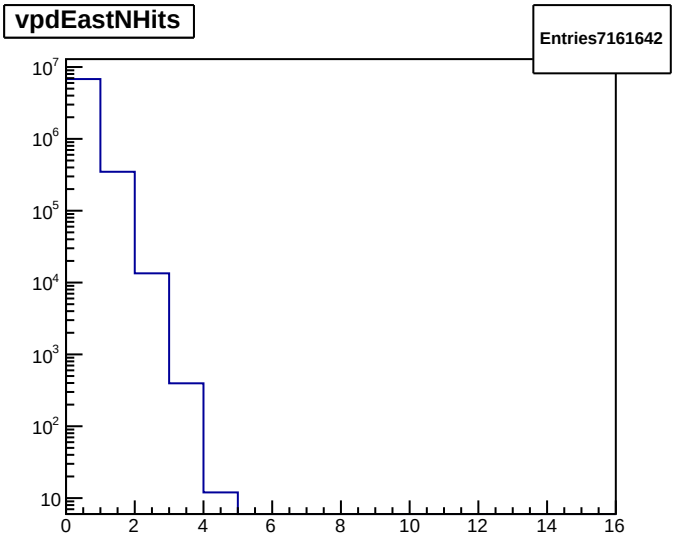

bbcSmallWestTacMaxVsSimu
Entries 4938454
Data
Simu

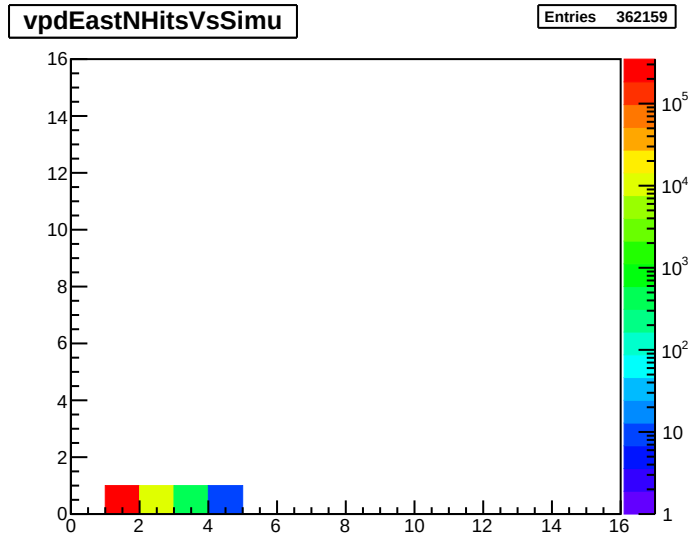

bbcLargeHit
Entries 1.432328e+07
1
0
6.6461e+06
6.53995e+06
515540
621689
E-Hit
W-Hit
10^6

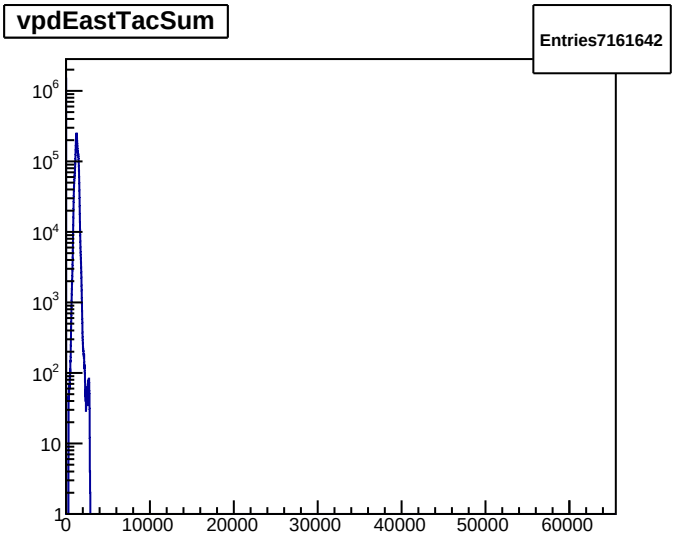

bbcLargeEastHitSimu
Entries 9704182
1
0
-1
4.8354e+06
4.86878e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

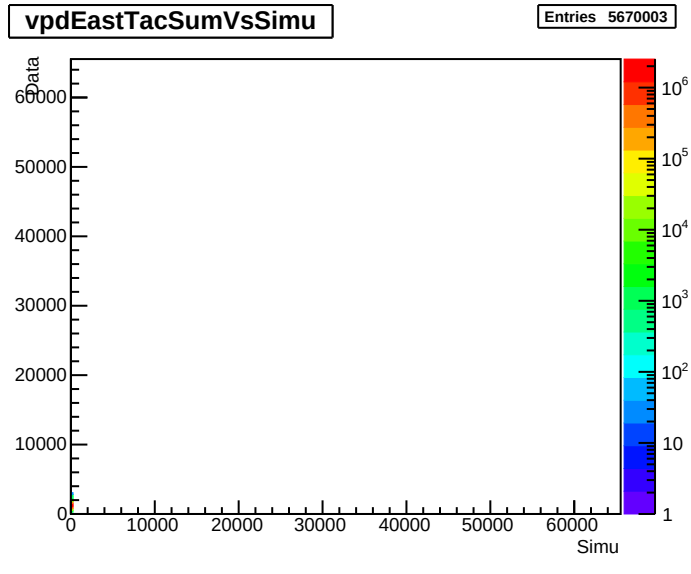

vpdEastAdcSum
Entries7161642

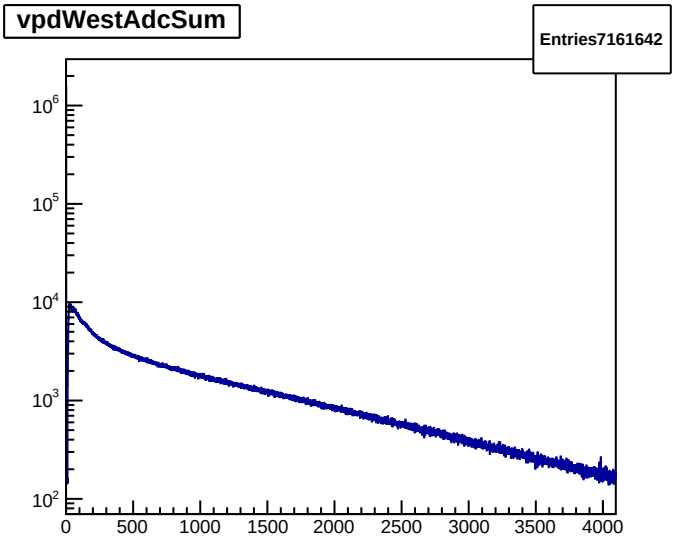

vpdEastAdcSumVsSimu
Entries 5669714
Data
Simu

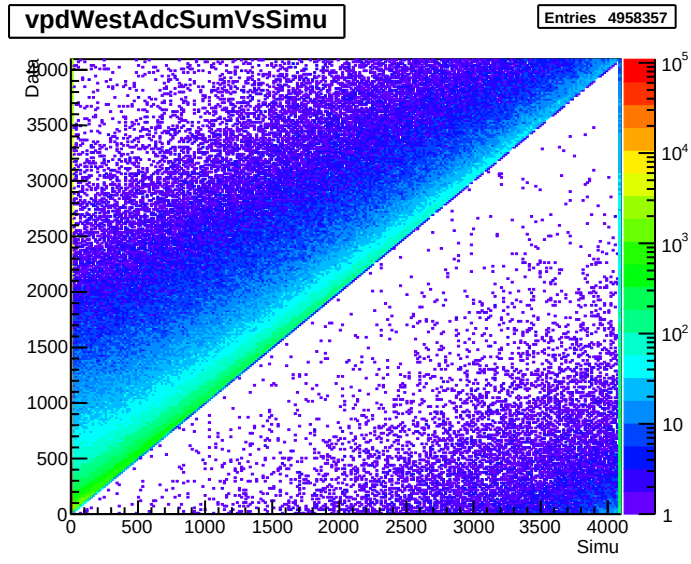

vpdEastNHits
Entries7161642

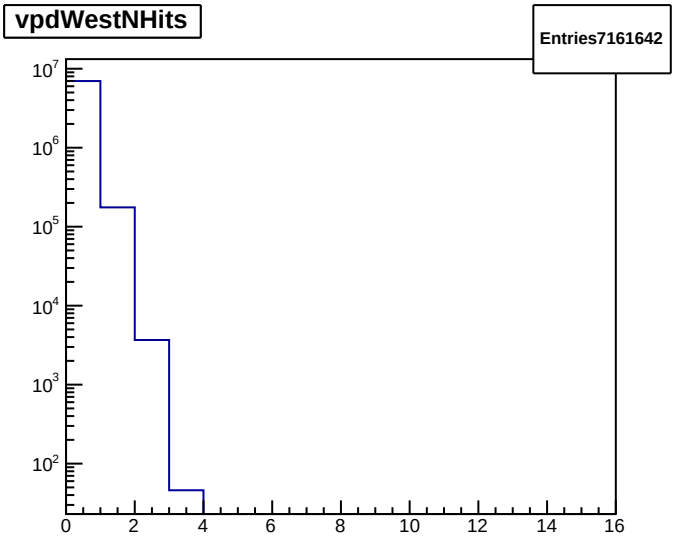

vpdEastNHitsVsSimu
Entries 362159

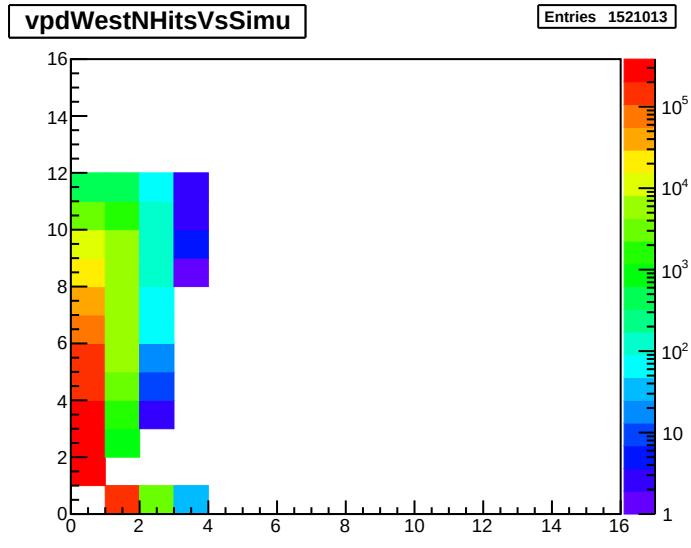

vpdEastTacSum
Entries7161642

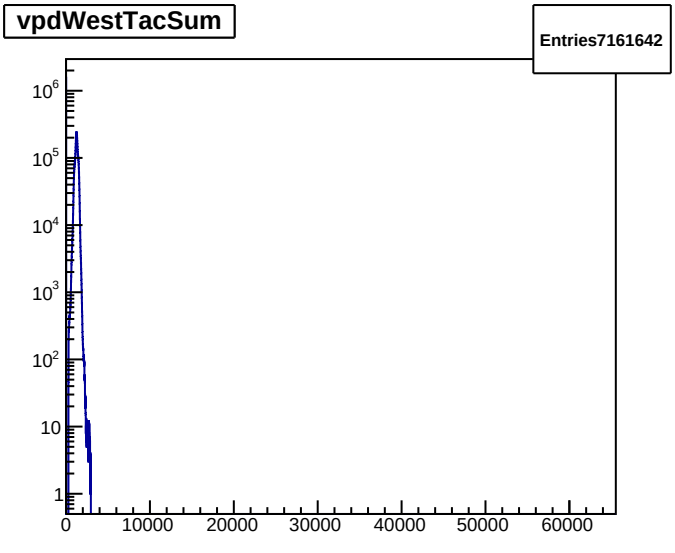

vpdEastTacSumVsSimu
Entries 5670003
Data
Simu

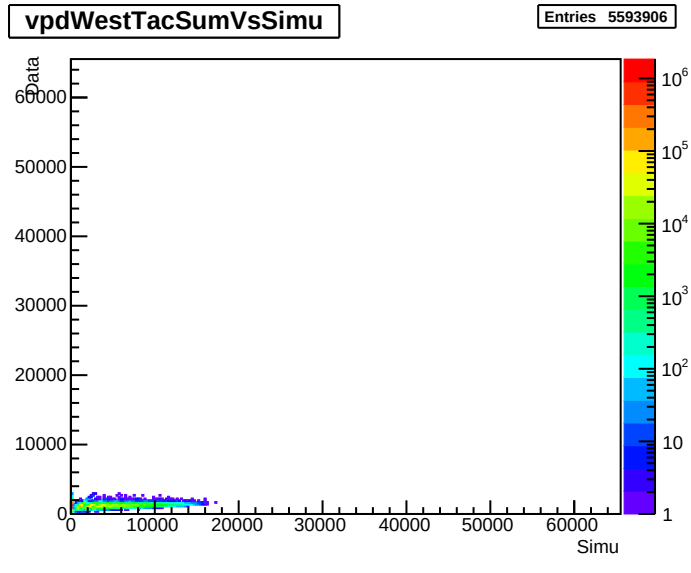

vpdWestAdcSum
Entries7161642

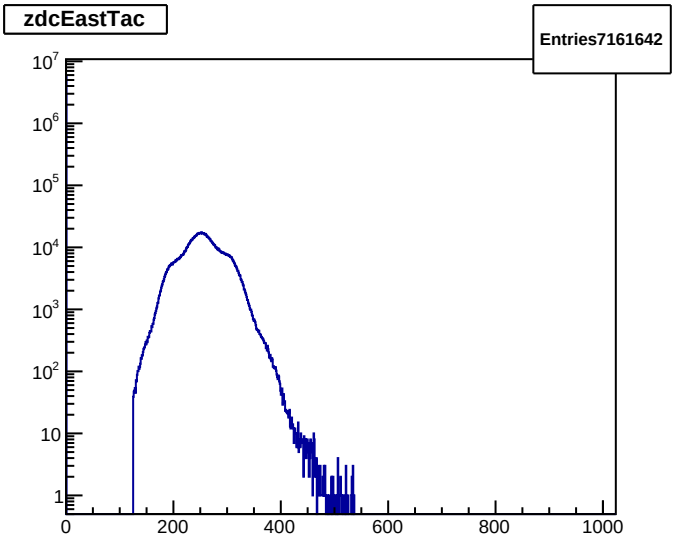

vpdWestAdcSumVsSimu
Entries 4958357
Data
Simu

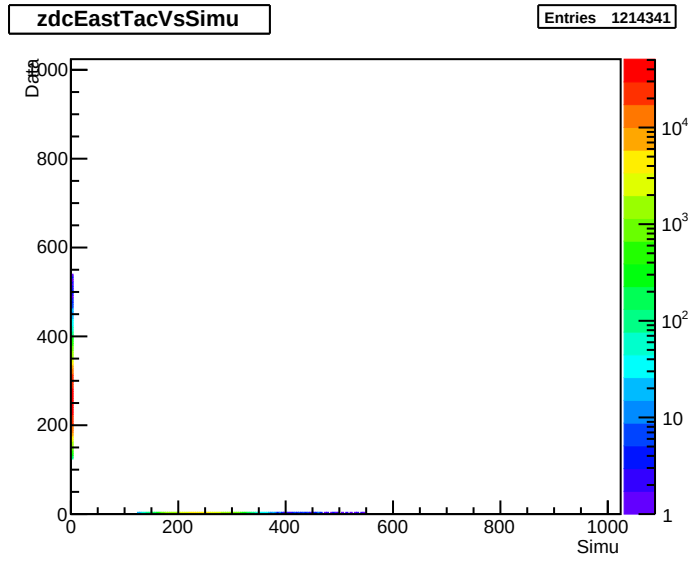

vpdWestNHits
Entries7161642

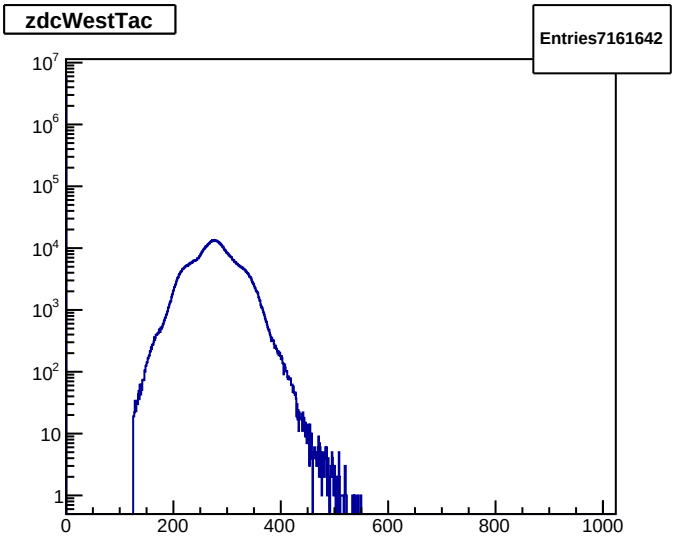

vpdWestNHitsVsSimu
Entries 1521013

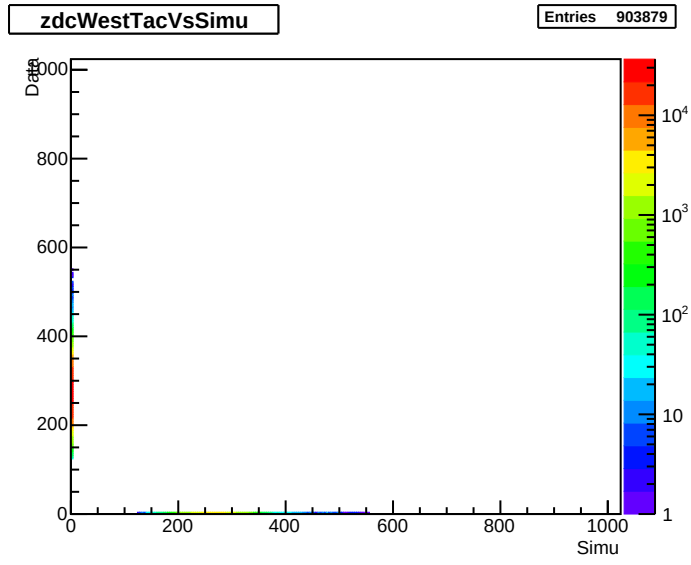

vpdWestTacSum
Entries7161642

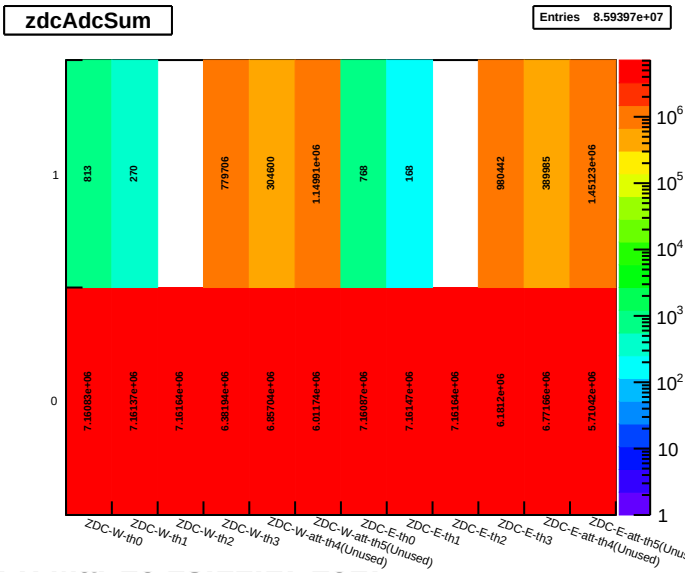

vpdWestTacSumVsSimu
Entries 5593906
Data
Simu

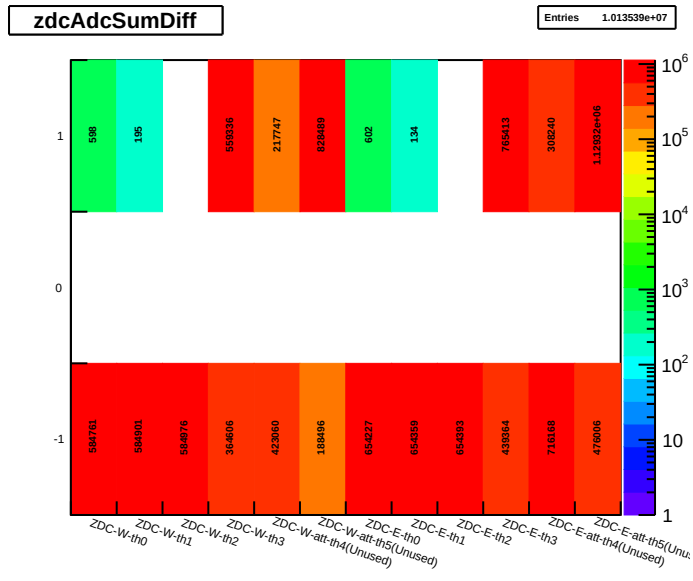

zdcEastTac
Entries7161642

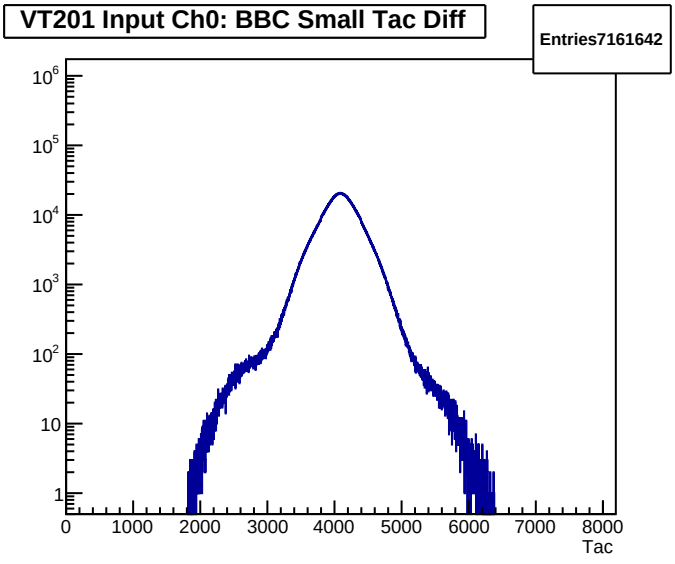

zdcEastTacVsSimu
Entries 1214341
Data
Simu

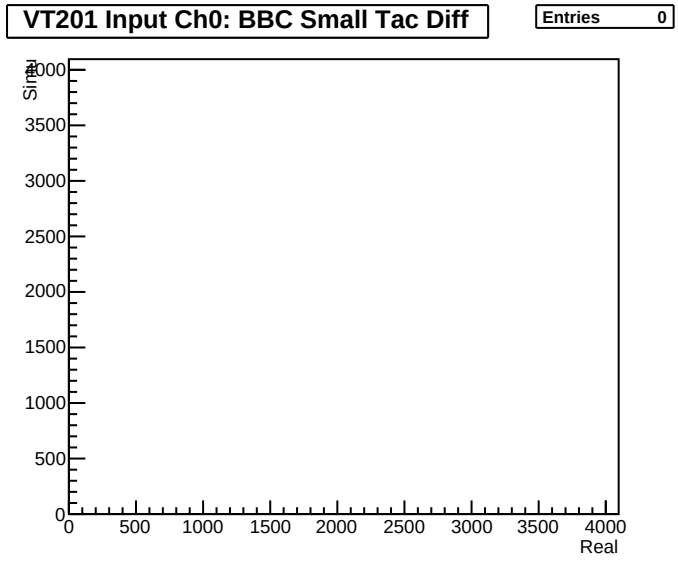

zdcWestTac
Entries7161642

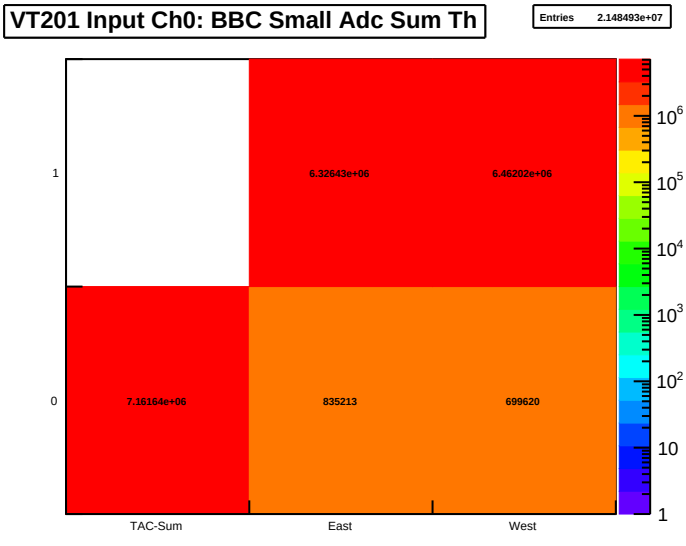

zdcWestTacVsSimu
Entries 903879
Data
Simu

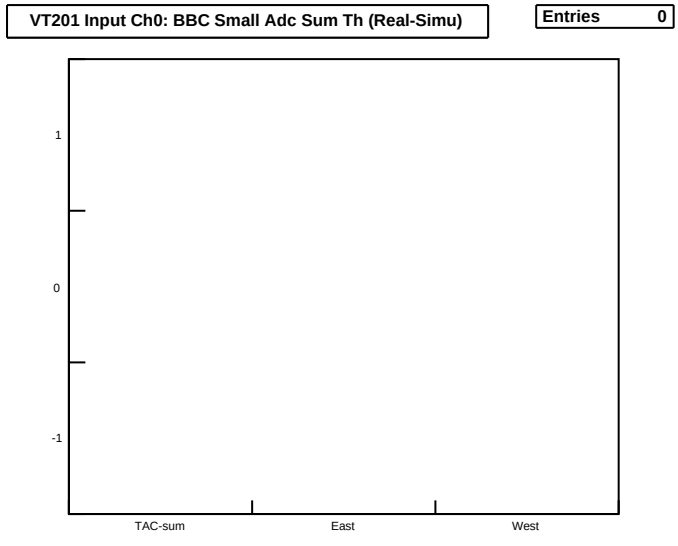

zdcAdcSum
Entries 8.59397e+07
813
270
779706
304600
1.14991e+06
768
168
980442
389985
1.45123e+06
7.16083e+06
7.16137e+06
7.16164e+06
6.35194e+06
6.85704e+06
6.01174e+06
7.16087e+06
7.16147e+06
7.16164e+06
6.1812e+06
6.77166e+06
5.71042e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

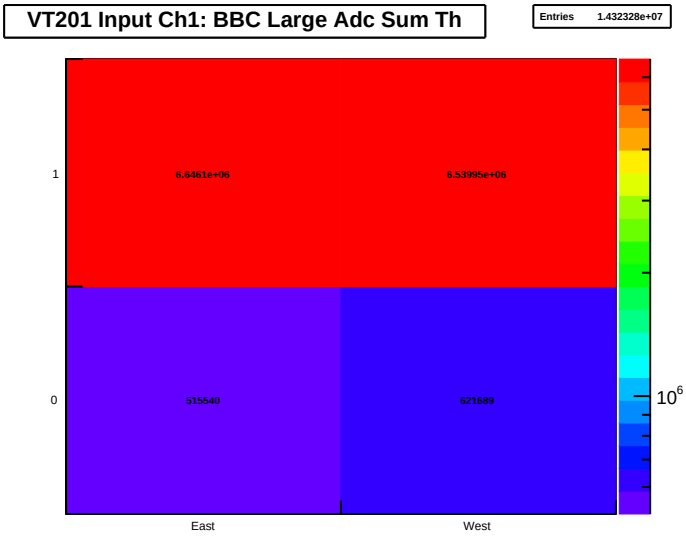

zdcAdcSumDiff
Entries 1.013539e+07
598
195
559336
217747
828439
602
134
765413
308240
1.12932e+06
584761
584901
584976
364606
423060
188436
654227
654359
654393
433364
716168
476006
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

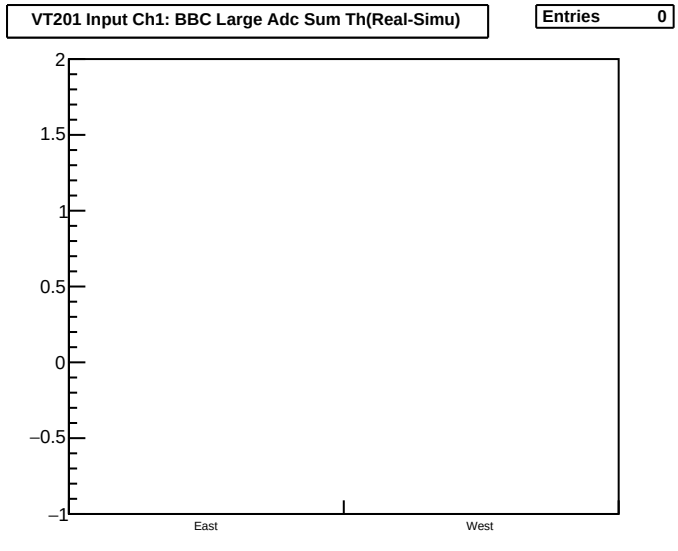

VT201 Input Ch0: BBC Small Tac Diff
Entries7161642
Tac


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

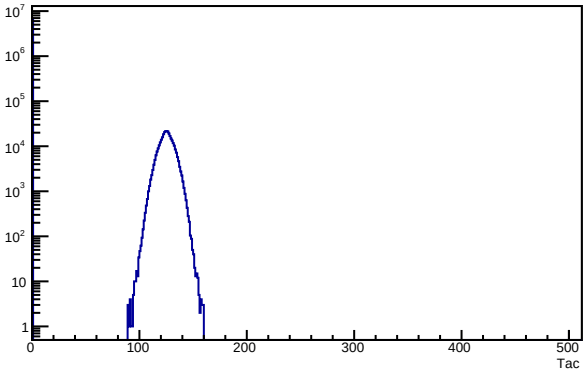

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.148493e+07
6.32643e+06
6.46202e+06
7.16164e+06
835213
699620
TAC-Sum
East
West


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

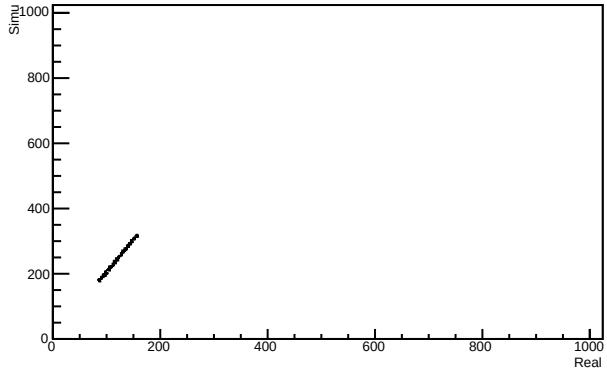

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.432328e+07
6.6461e+06
6.53995e+06
515540
621689
East
West


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

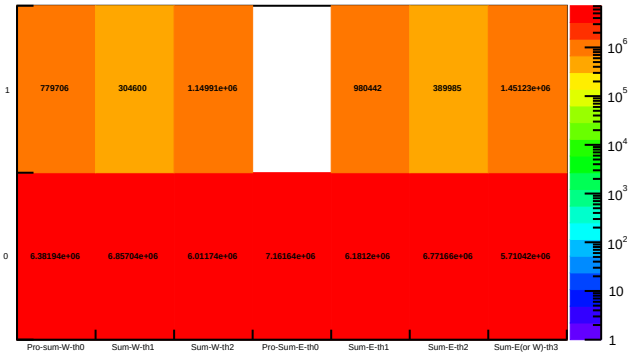
VT201 Input Ch2: ZDC Tac Diff



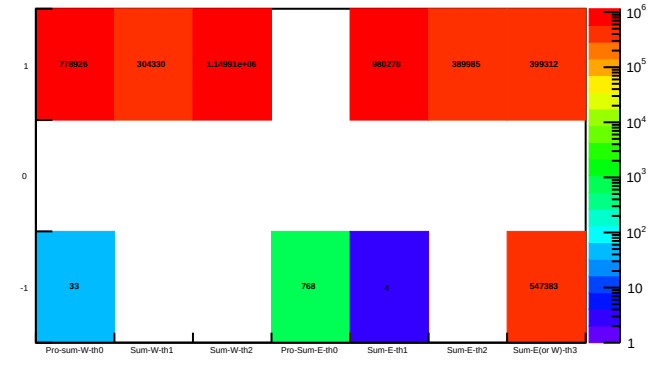
VT201 Input Ch2: ZDC Tac Diff



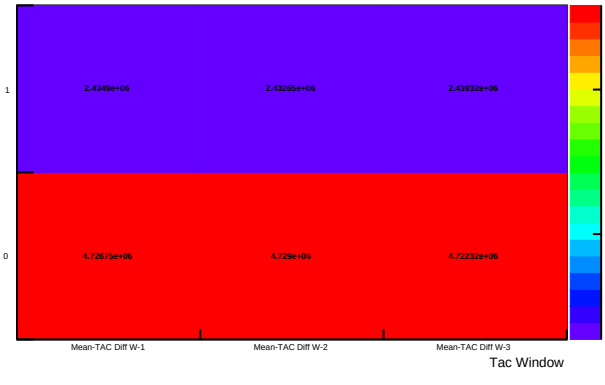
VT201 Input Ch2: ZDC Adc Sum Th



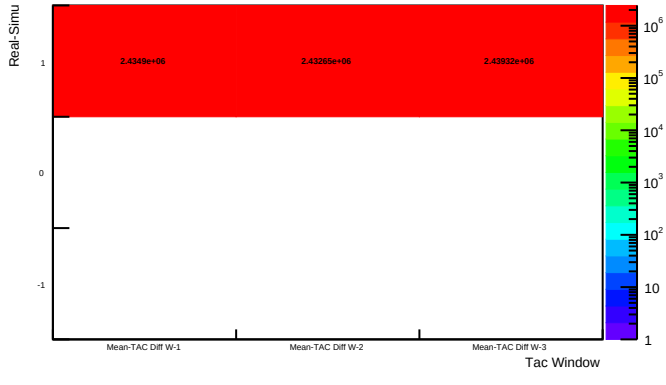
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



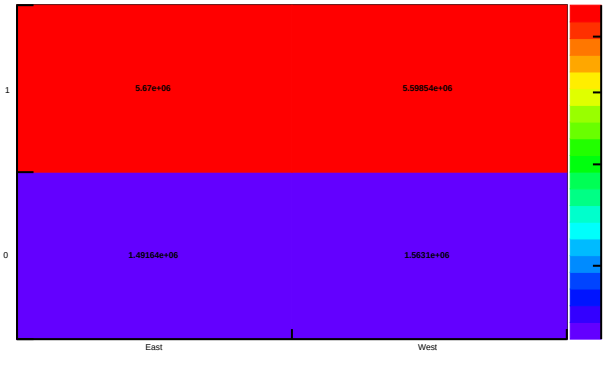
VT201 Input Ch4: VPD Tac Diff



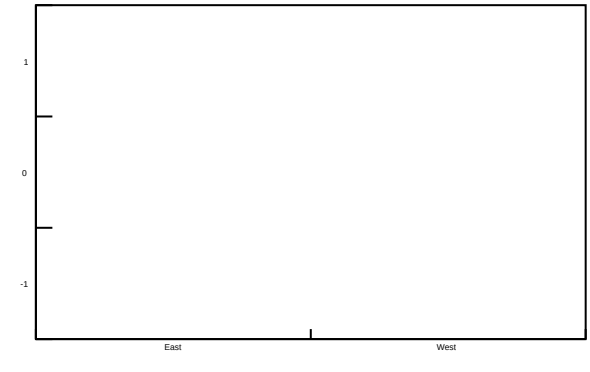
VT201 Input Ch4: VPD Tac Diff

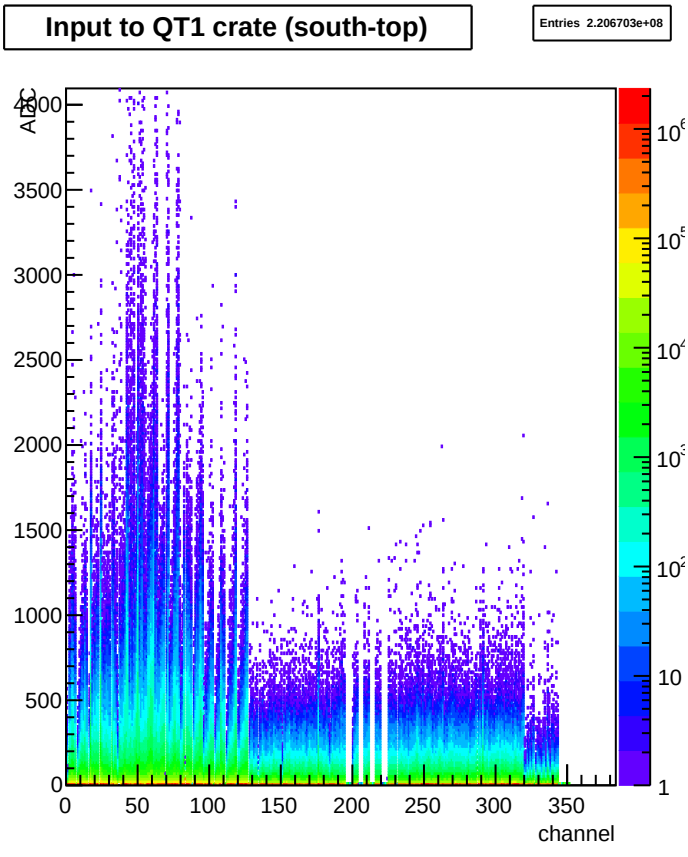


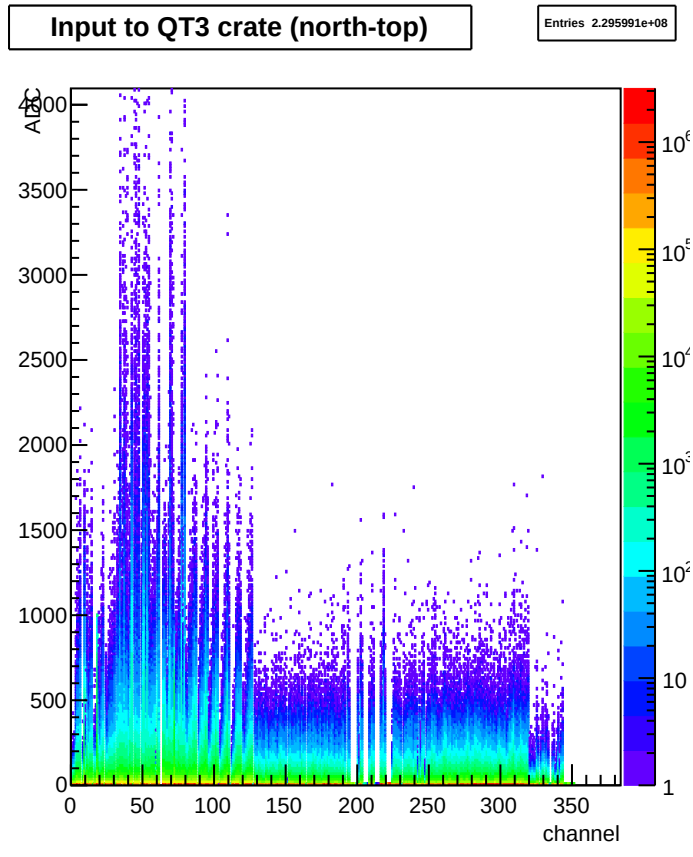
VT201 Input Ch4: VPD Adc Sum Th

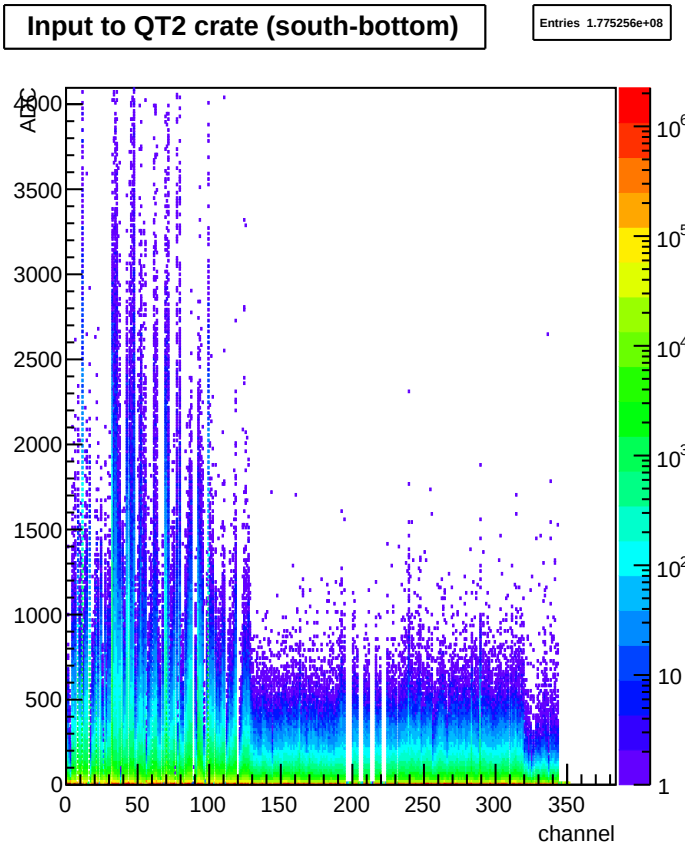


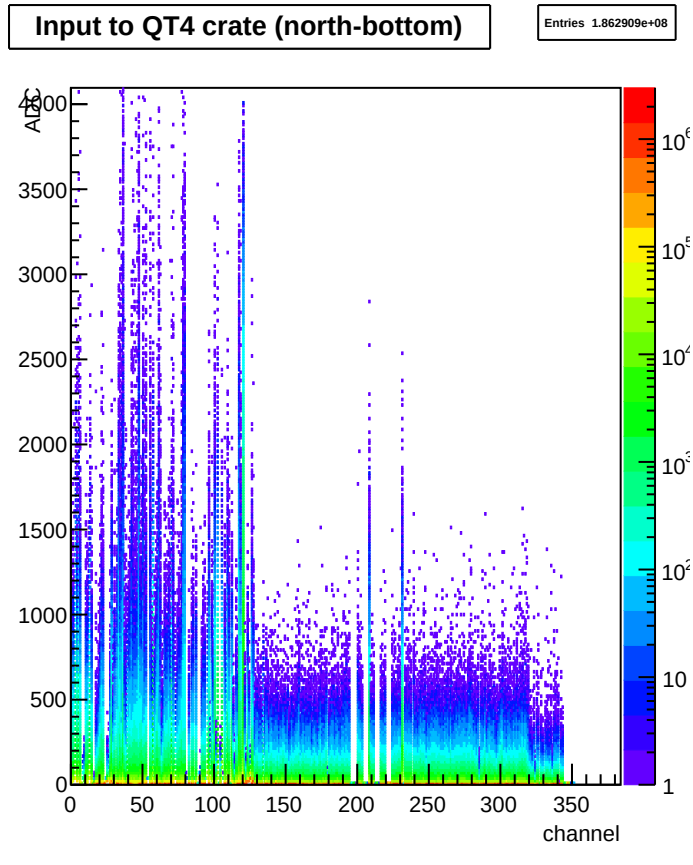
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

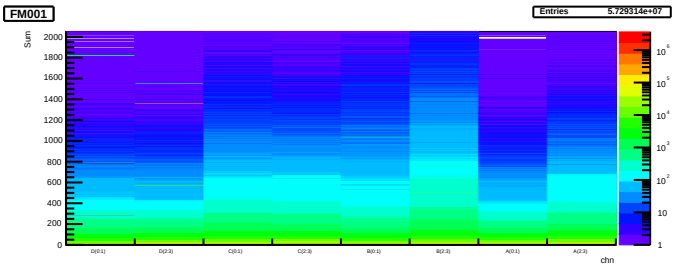


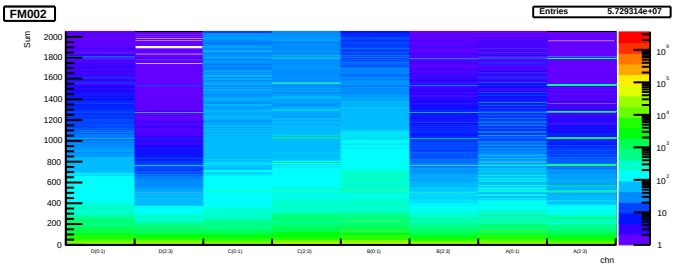

Input to QT1 crate (south-top)
Entries 2.206703e+08
ADC
channel

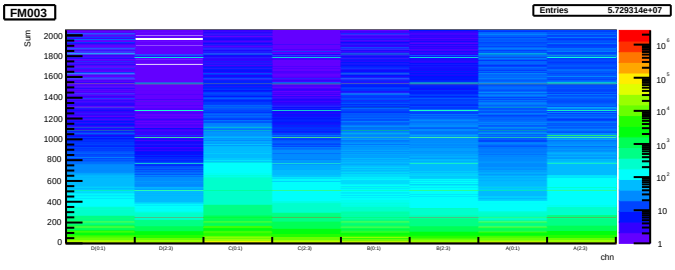

Input to QT3 crate (north-top)
Entries 2.295991e+08
ADC
channel

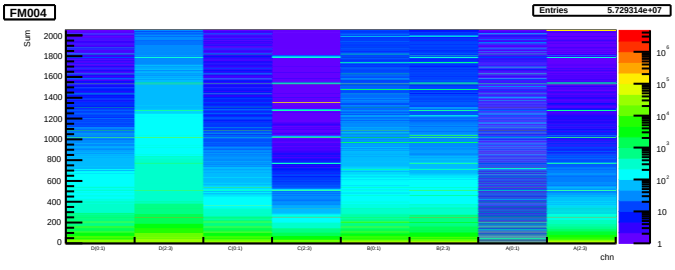

Input to QT2 crate (south-bottom)
Entries 1.775256e+08
ADC
channel

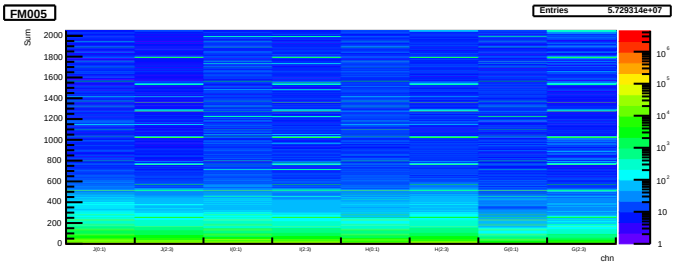

Input to QT4 crate (north-bottom)
Entries 1.862909e+08
ADC
channel

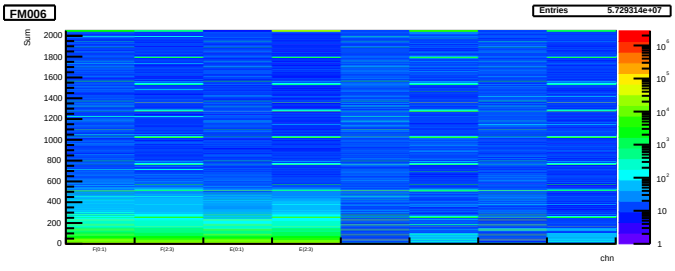

FM001
Entries 5.729314e+07
Sum
chn

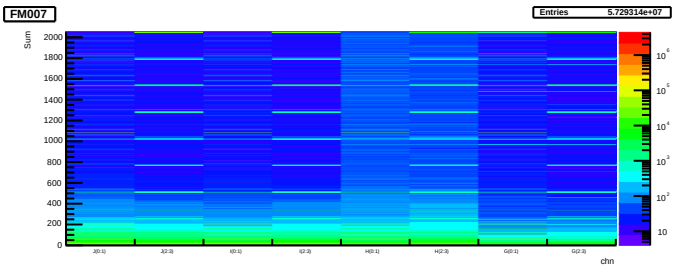

FM002
Entries 5.729314e+07
Sum
chn

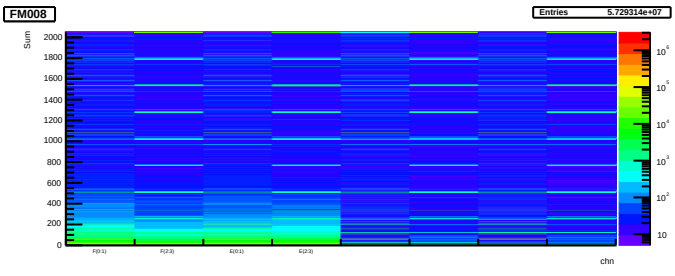

FM003
Entries 5.729314e+07
Sum
chn

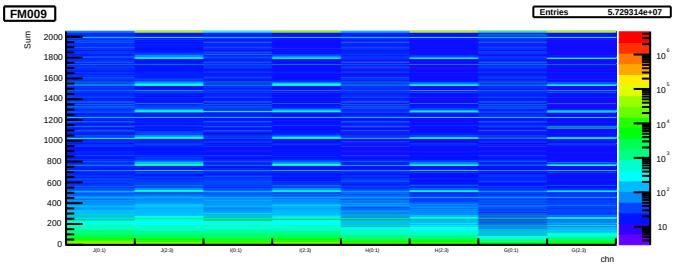

FM004
Entries 5.729314e+07
Sum
chn


FM005
Entries 5.729314e+07
Sum
chn


FM006
Entries 5.729314e+07
Sum
chn


FM007
Entries 5.729314e+07
Sum
chn


FM008
Entries 5.729314e+07
Sum
chn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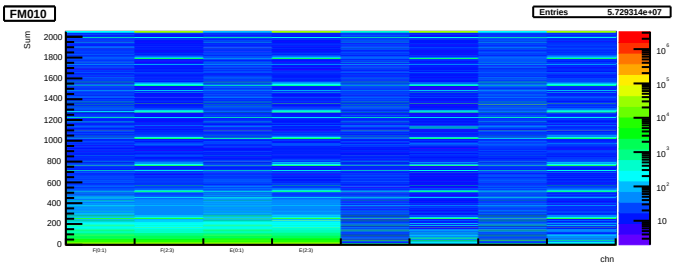
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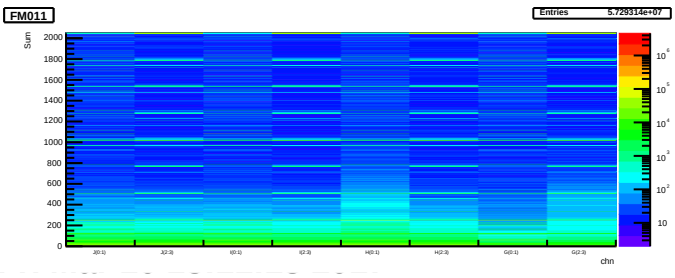
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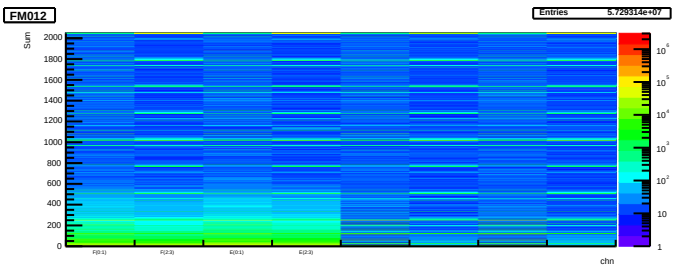
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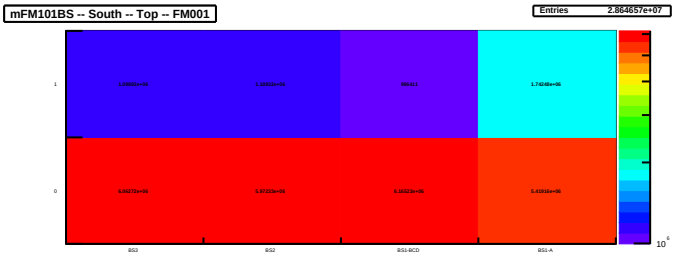
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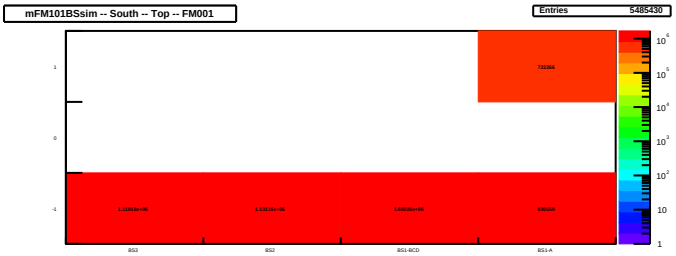
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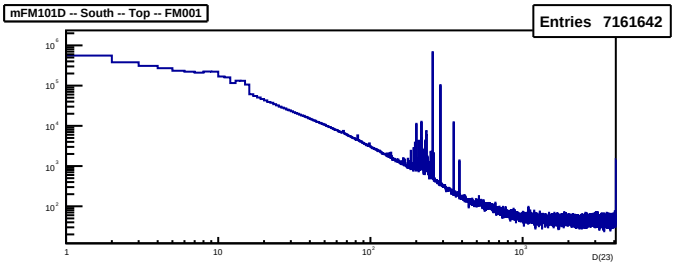
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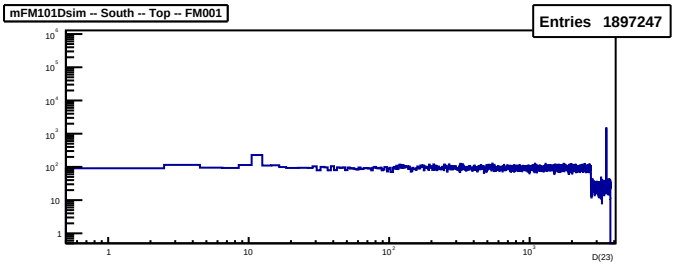
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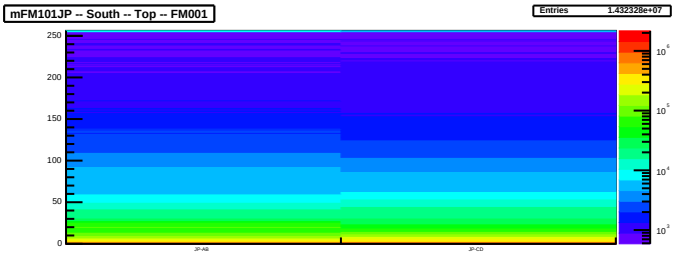
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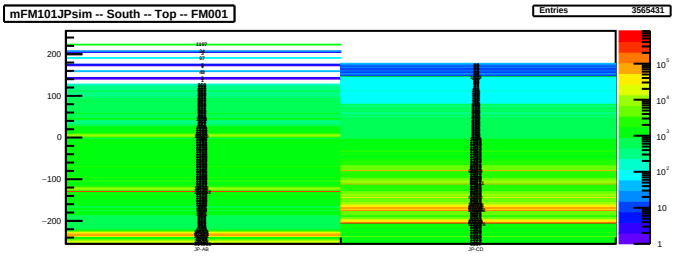
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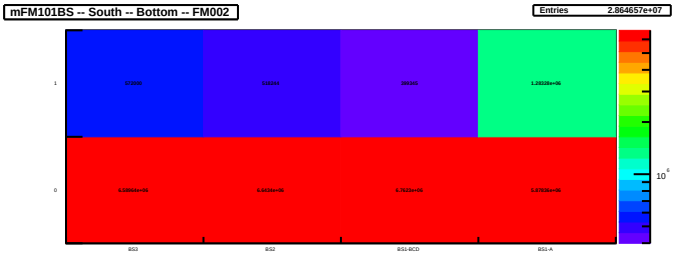
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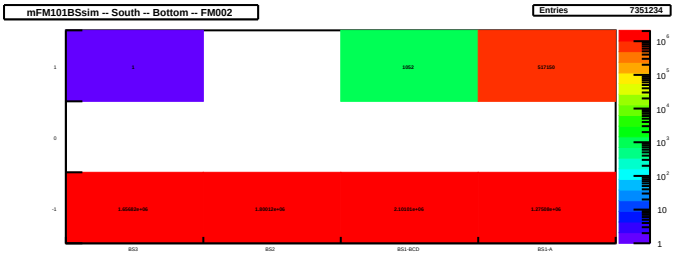
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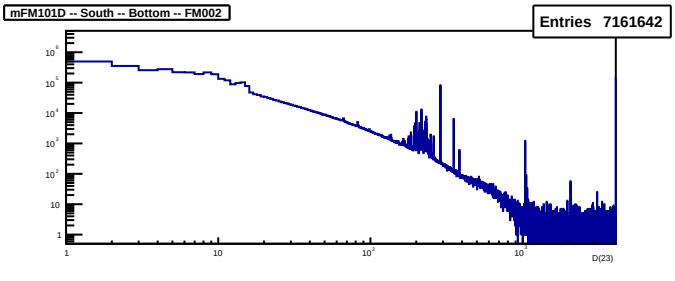
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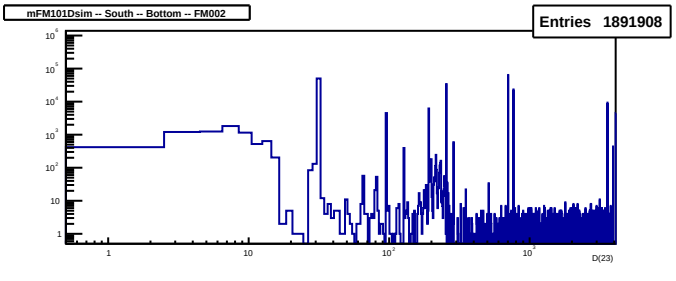
Entries 7161642
D(23)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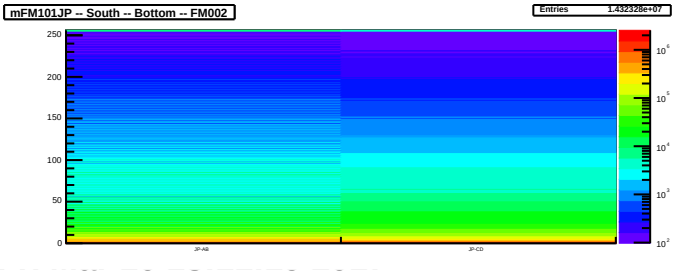
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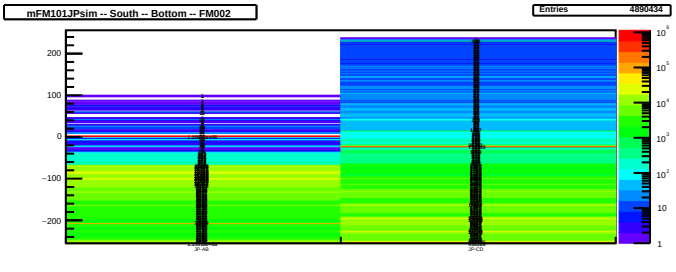
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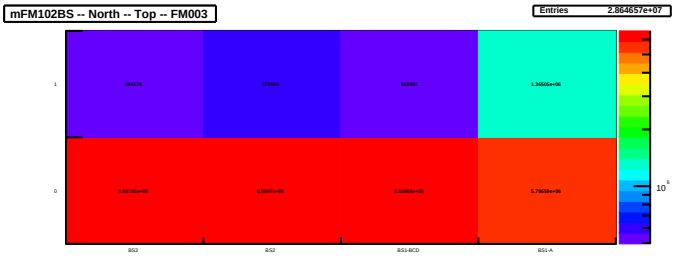
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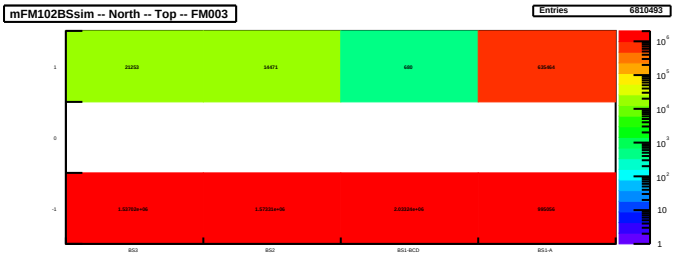
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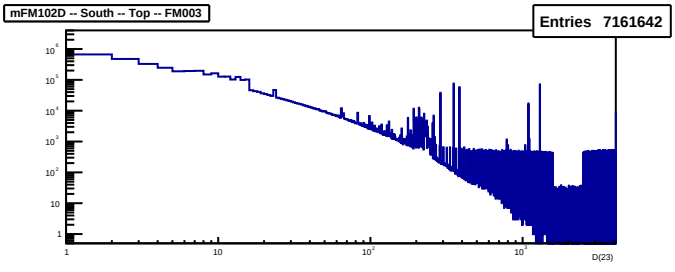
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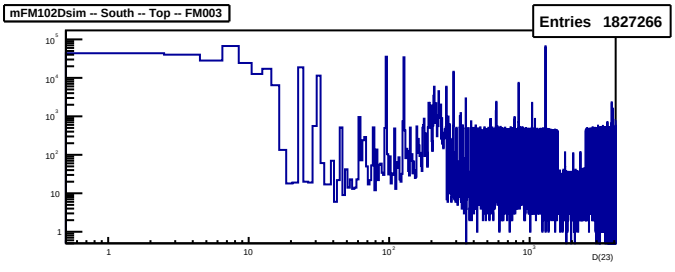
Entries 7161642
D(23)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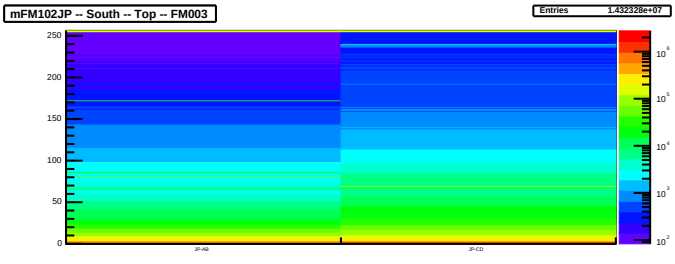
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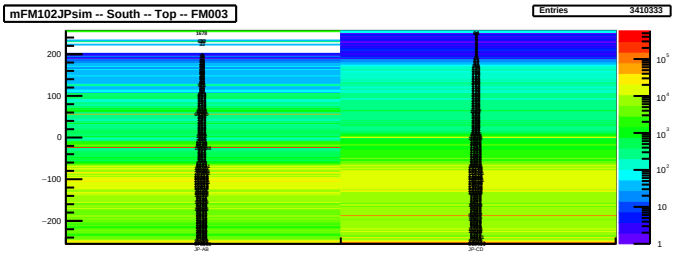
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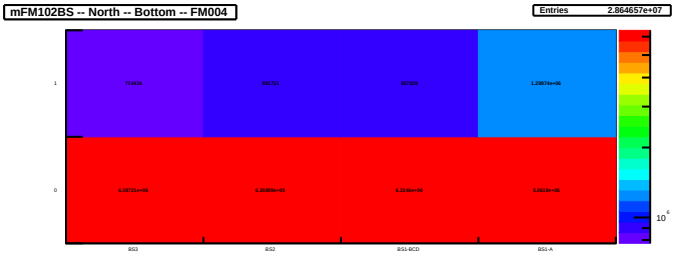
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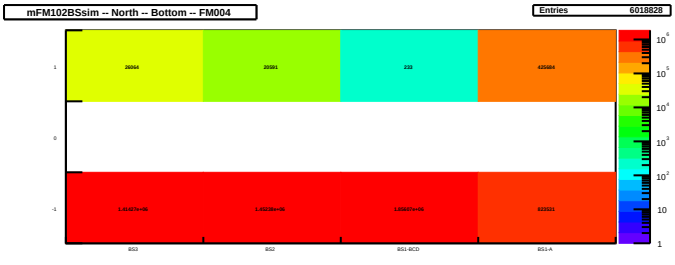
Entries 2.864657e+07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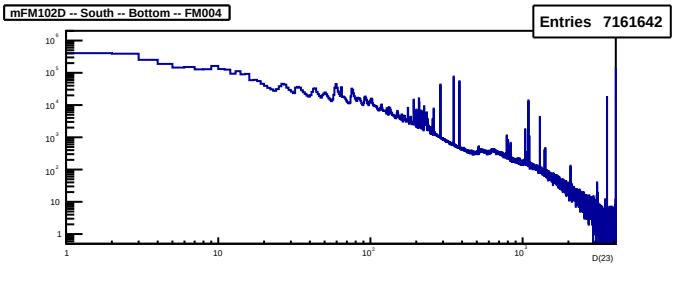
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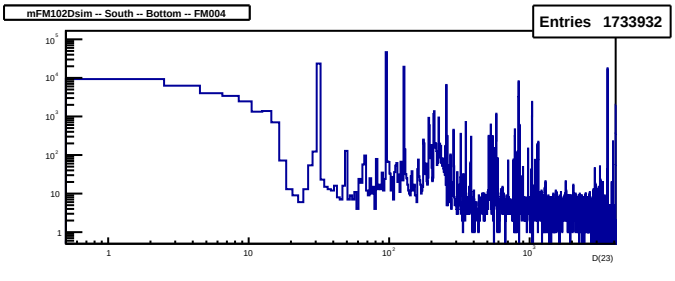
D(23)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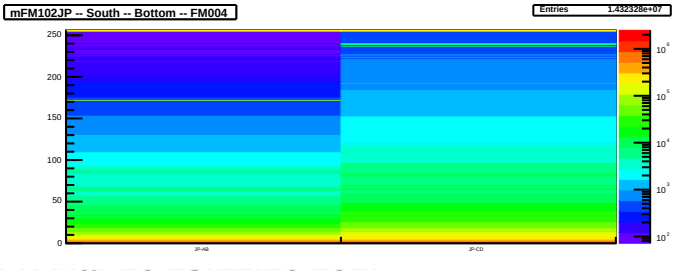
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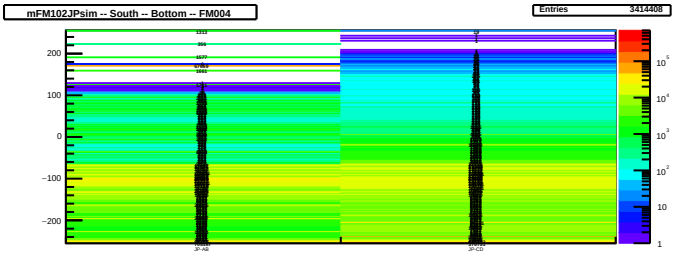
Entries 1.432328e+07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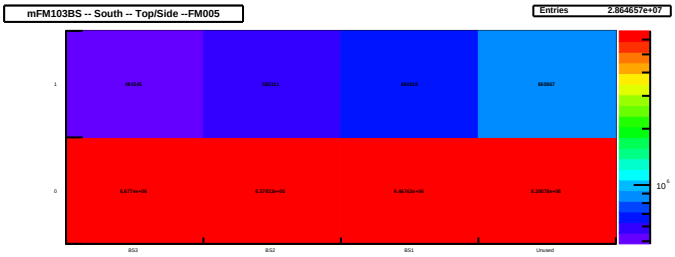
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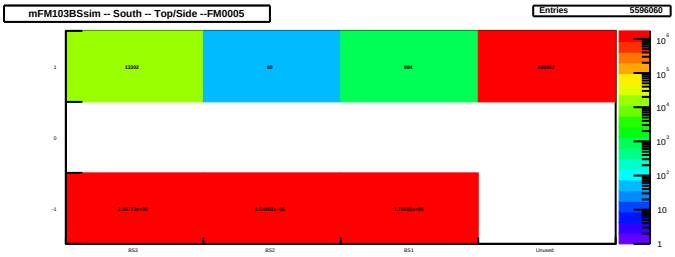
Entries 2.864657e+07
BS3
BS2
BS1
Unused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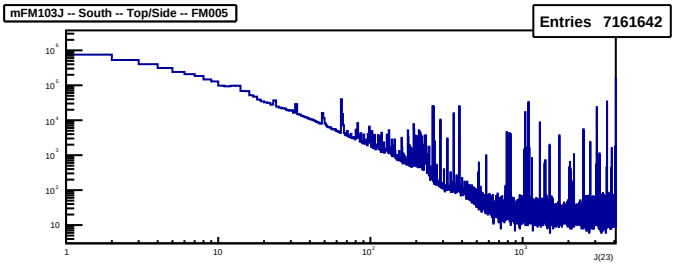
BS3
BS2
BS1
Unused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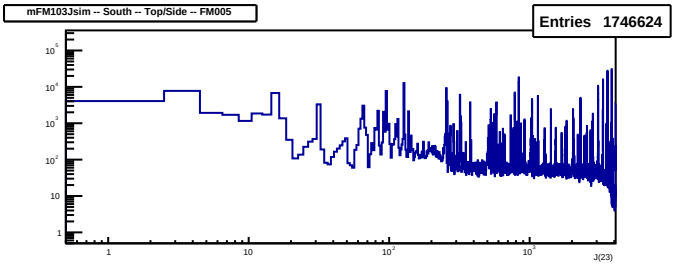
Entries 7161642
J(23)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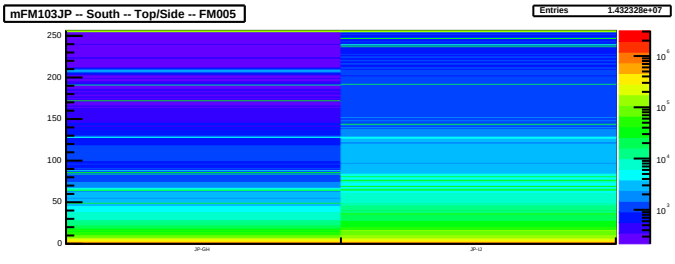
J(23)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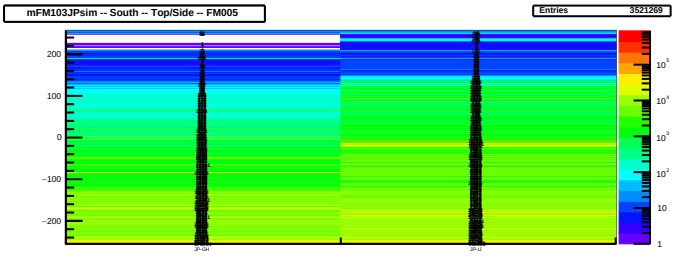
Entries 1.432328e+07
JP-G4
JP-I2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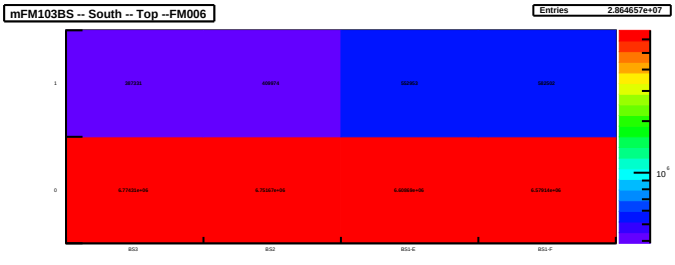
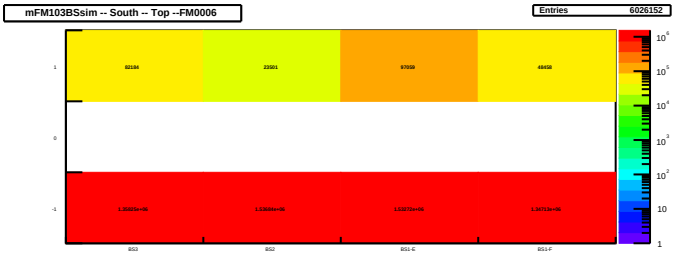
JP-G4
JP-I2


mFM103BS -- South -- Top --FM006
Entries 2.864657e+07
BS3
BS2
BS1-E
BS1-F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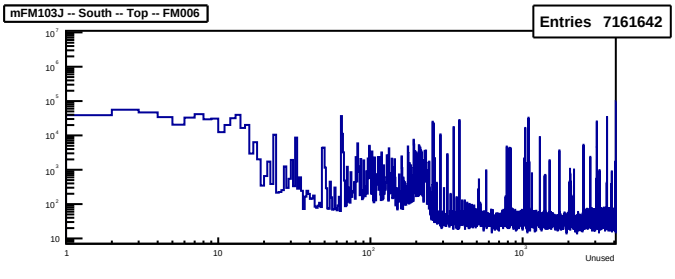
Entries 6026152
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 7161642
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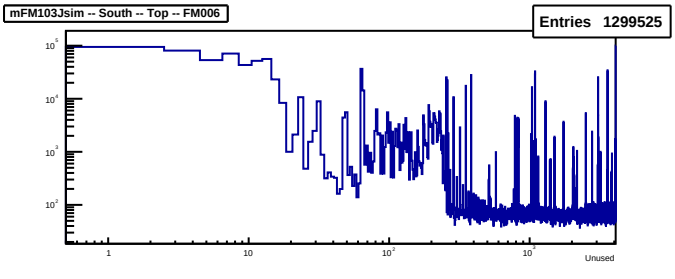
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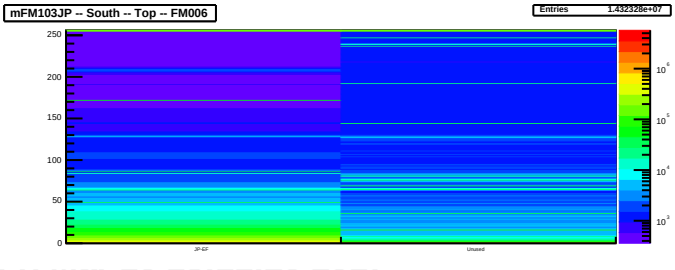
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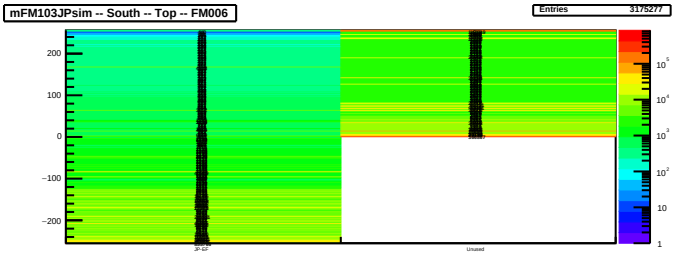
Entries 1.432328e+07
JP-E2
Unused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JP-E2
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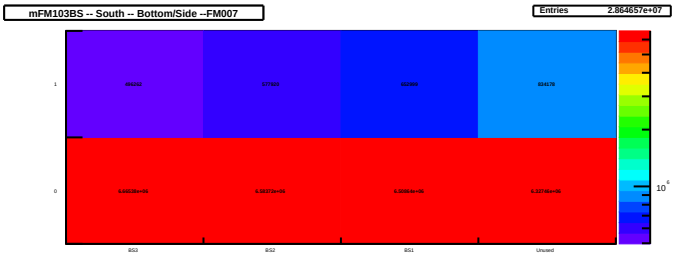
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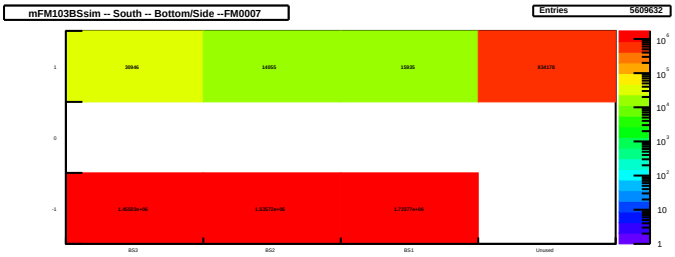
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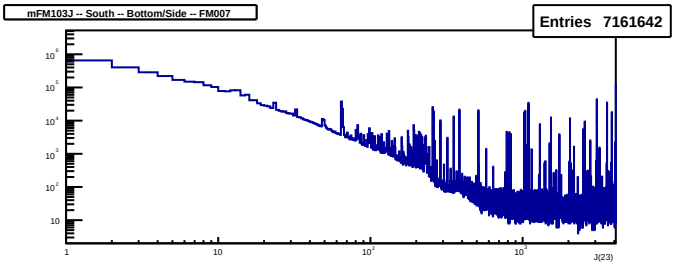
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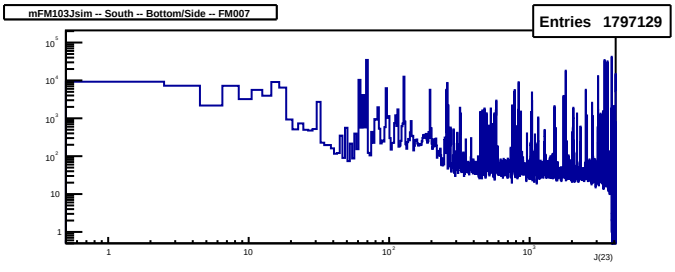
Entries 7161642
J(23)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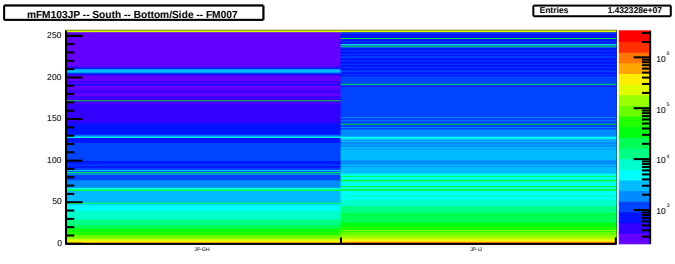
J(23)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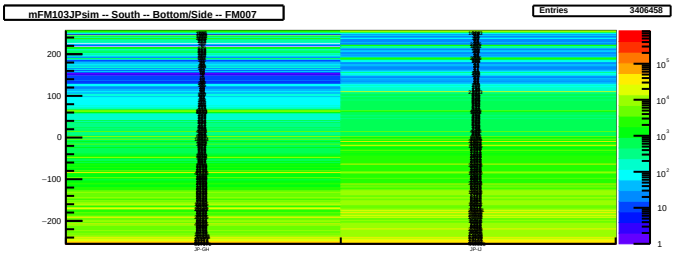
Entries 1.432328e+07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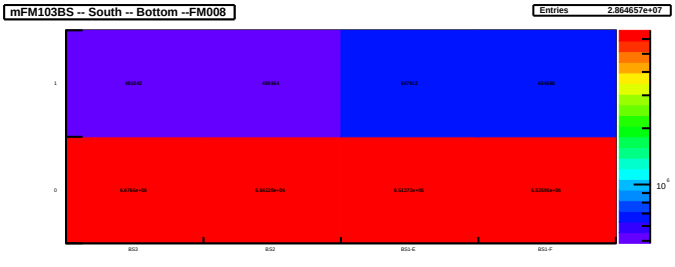
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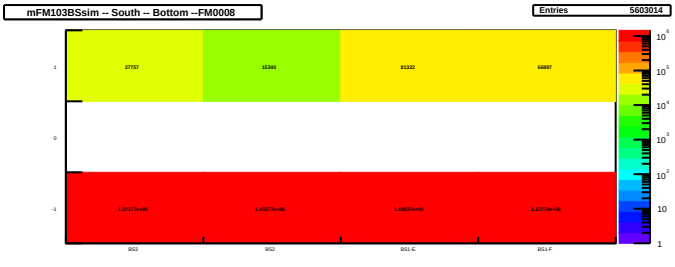
Entries 2.864657e+07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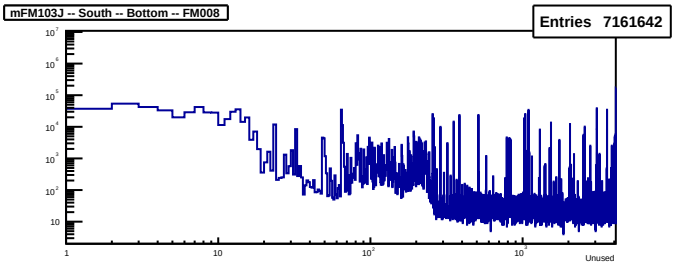
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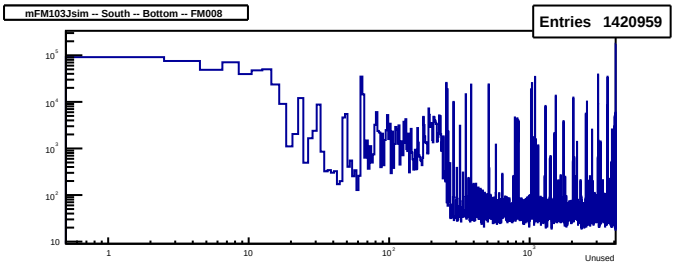
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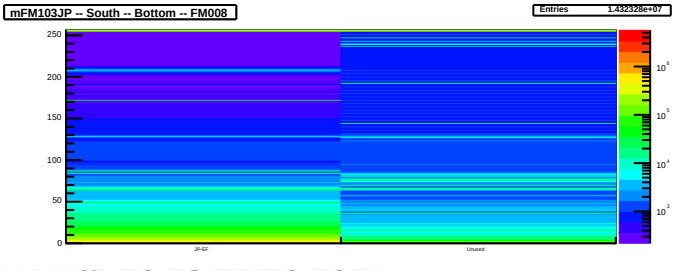
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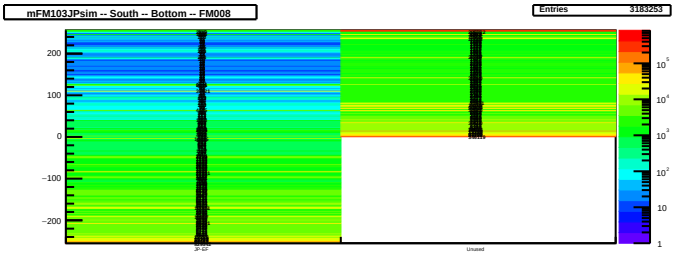
Entries 1.432328e+07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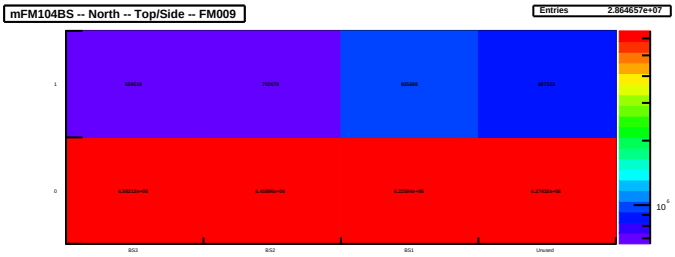
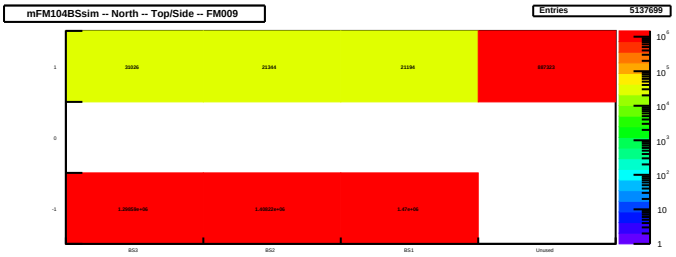
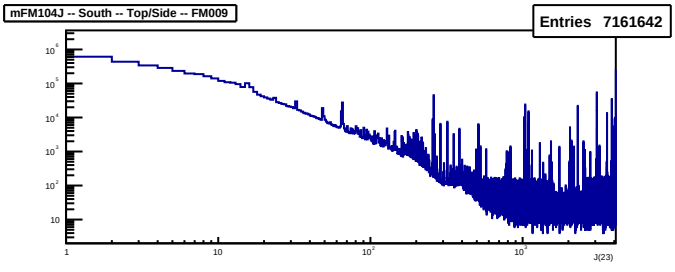
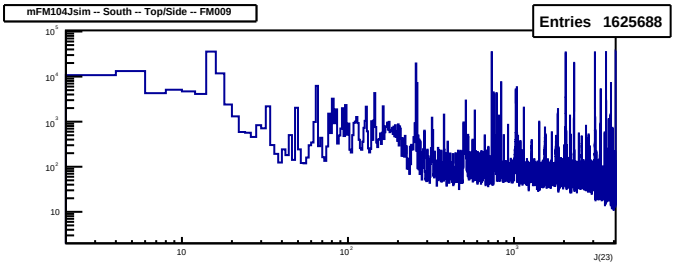

mFM104BS -- North -- Top/Side -- FM009
Entries 2.864657e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5137699


mFM104J -- South -- Top/Side -- FM009
Entries 7161642
J(23)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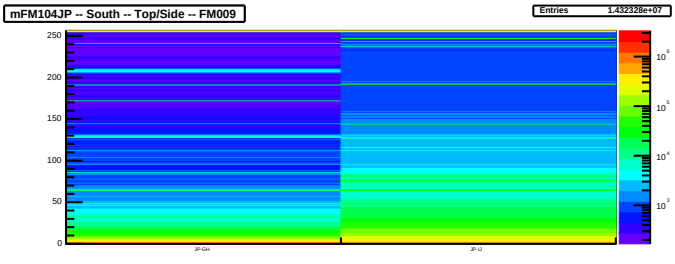
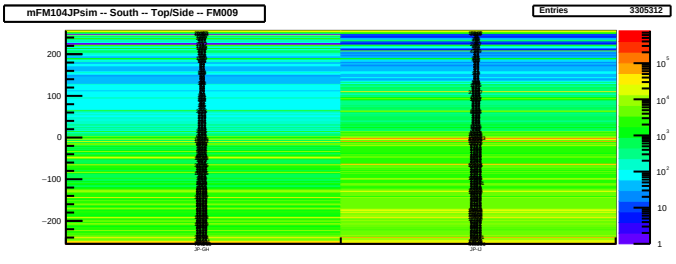

mFM104JP -- South -- Top/Side -- FM009
Entries 1.432328e+07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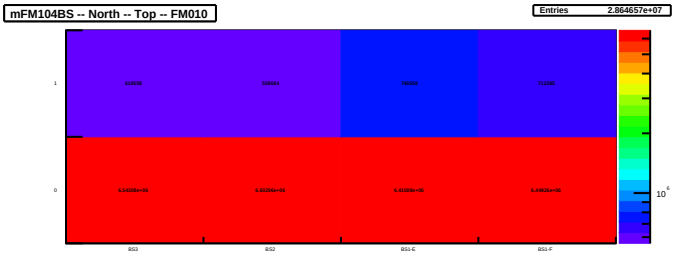
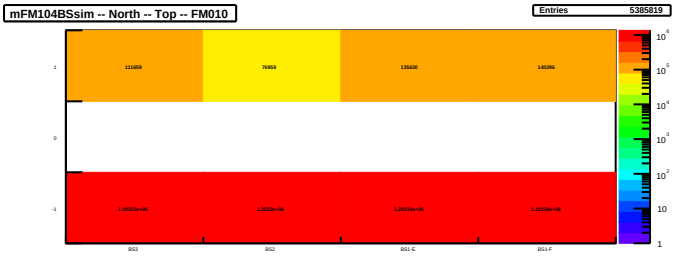

mFM104BS -- North -- Top -- FM010
Entries 2.864657e+07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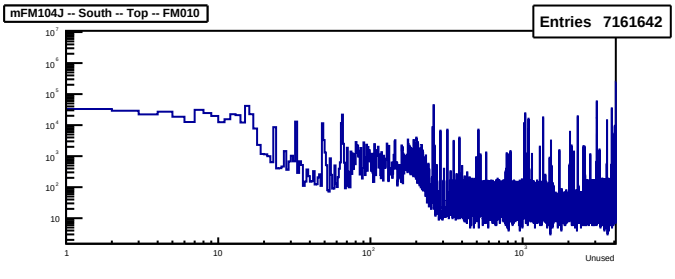
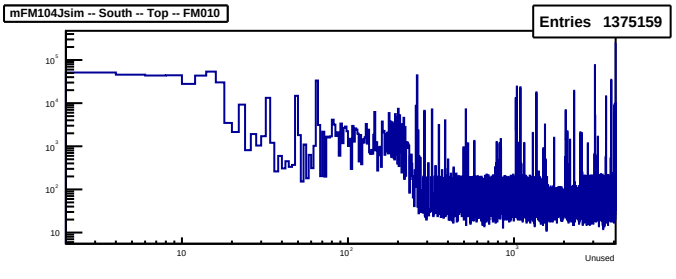
Entries 5385819


mFM104J -- South -- Top -- FM010
Entries 7161642
Unused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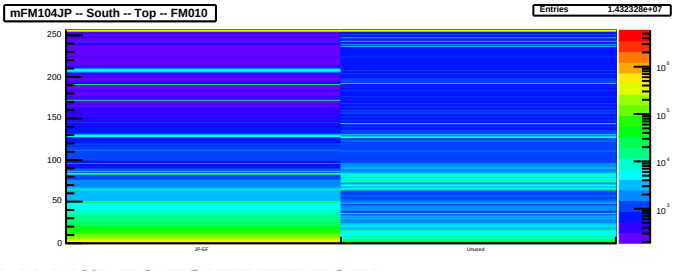
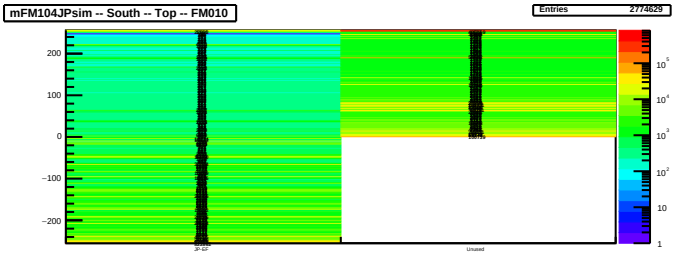
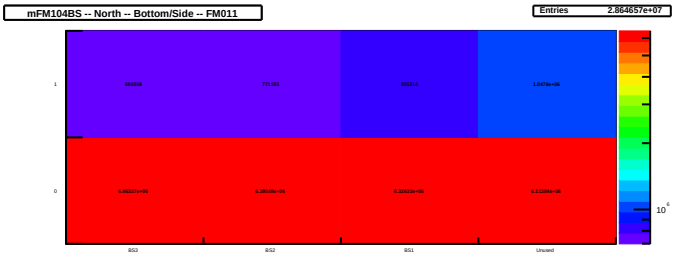
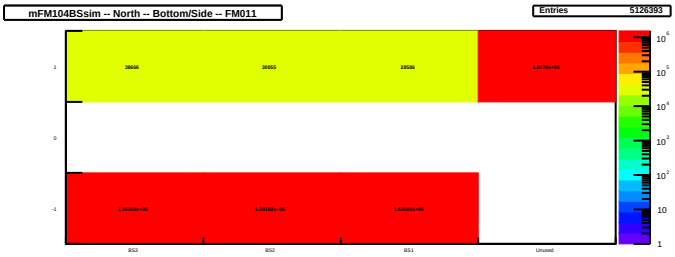
Entries 1375159
Unused


mFM104JP -- South -- Top -- FM010
Entries 1.432328e+07


mFM104JPsim -- South -- Top -- FM010
Entries 2774629


mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.864657e+07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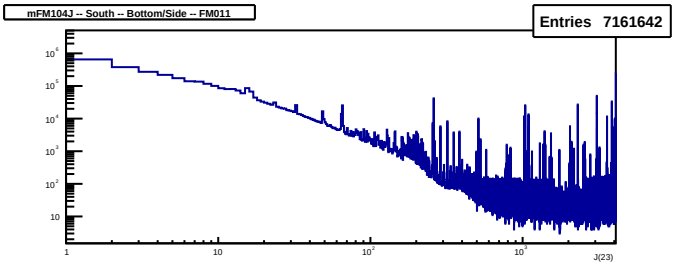
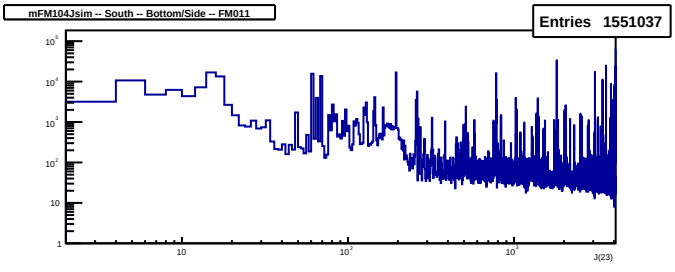
Entries 5126393


mFM104J -- South -- Bottom/Side -- FM011
Entries 7161642
J(23)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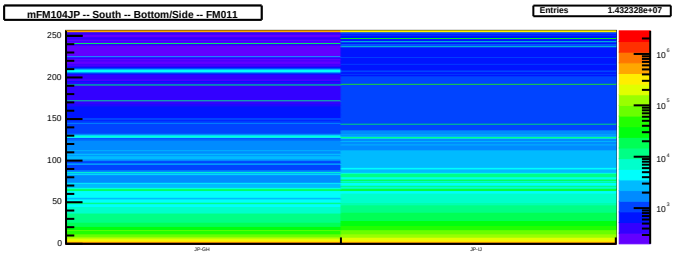
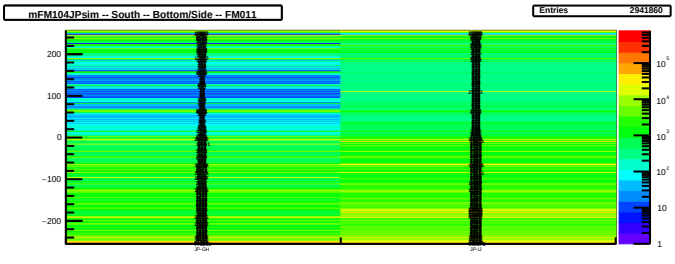
Entries 1551037
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.432328e+07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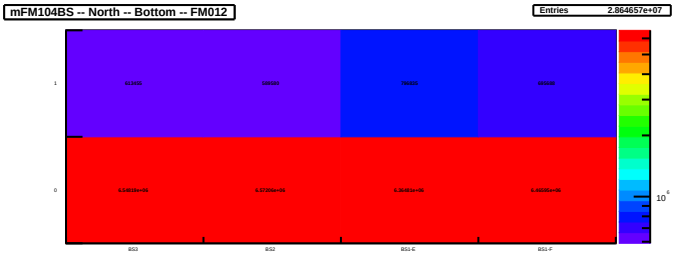
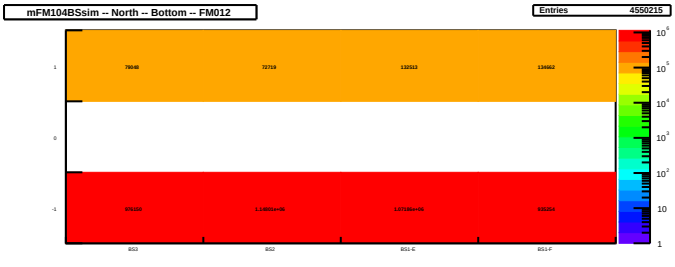
Entries 2941860


mFM104BS -- North -- Bottom -- FM012
Entries 2.864657e+07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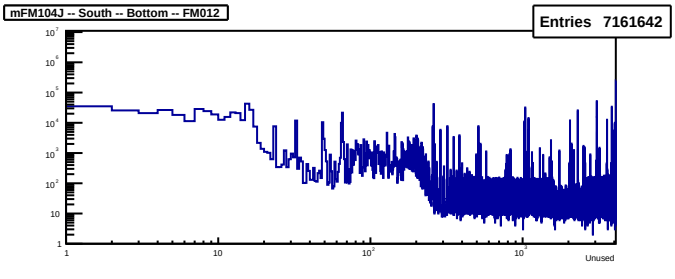
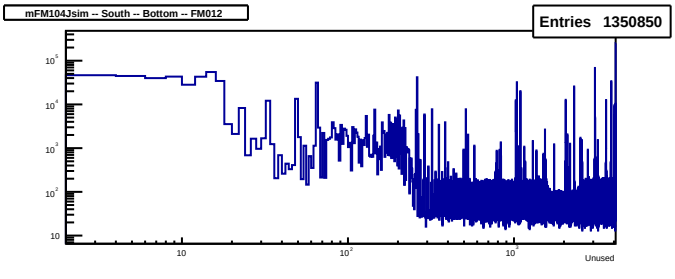

mFM104J -- South -- Bottom -- FM012
Entries 7161642
Unused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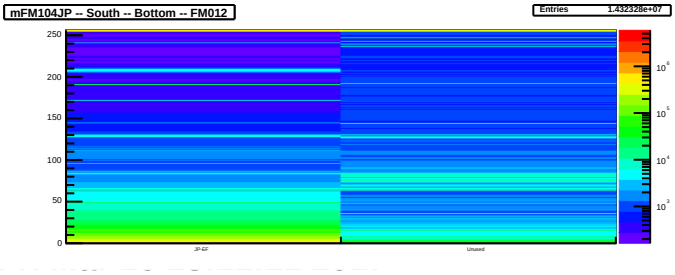
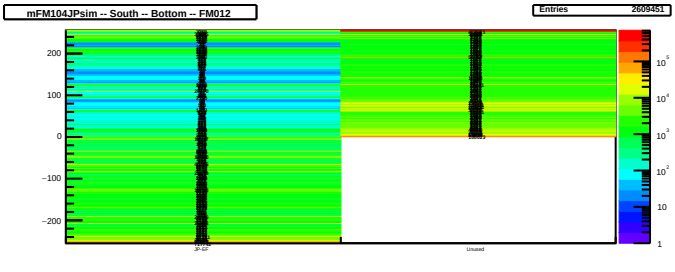
Entries 1350850
Unused


mFM104JP -- South -- Bottom -- FM012
Entries 1.432328e+07


mFM104JPsim -- South -- Bottom -- FM012
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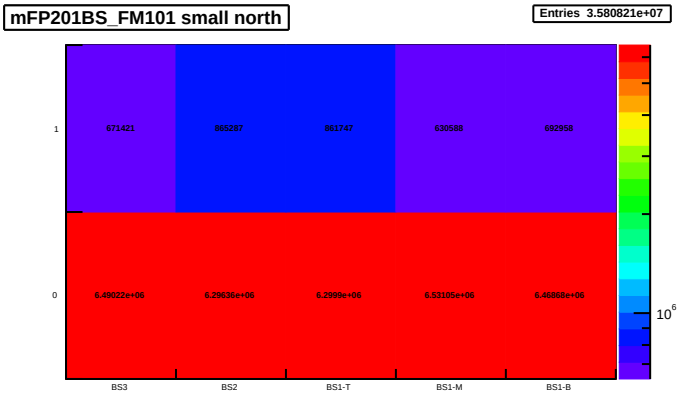
mFP201BS_FM101 small north
Entries 3.580821e+07
1
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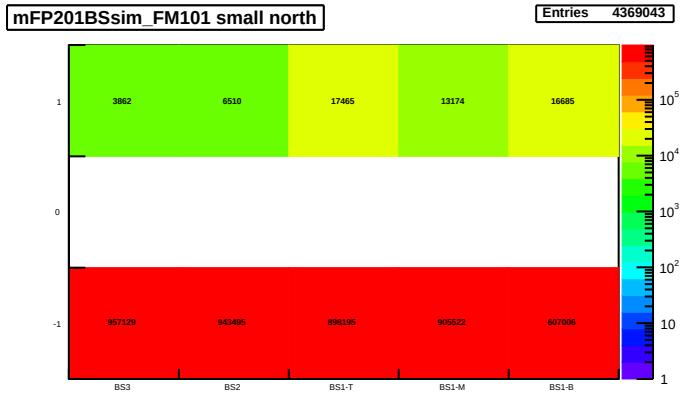
671421
865287
861747
630588
692958
6.49022e+06
6.29636e+06
6.2999e+06
6.53105e+06
6.46868e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 4369043
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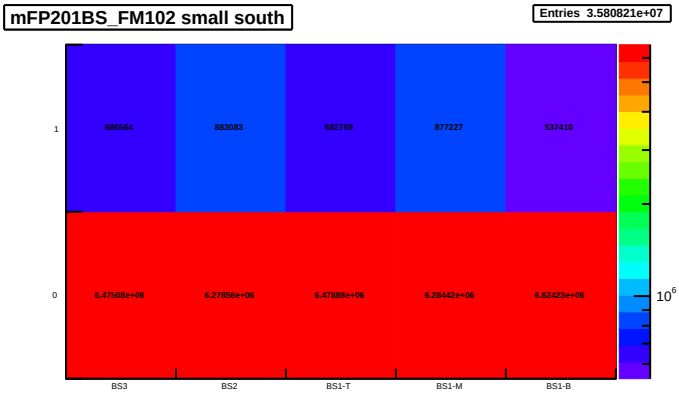
0
-1
3862
6510
17465
13174
16685
957129
943495
898195
905522
607006
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 3.580821e+07
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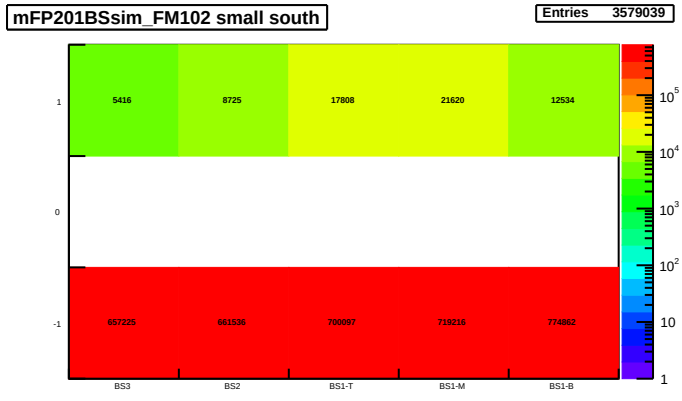
0
686564
883083
682759
877227
537410
6.47508e+06
6.27856e+06
6.47888e+06
6.28442e+06
6.62423e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM102 small south
Entries 3579039
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-1
5416
8725
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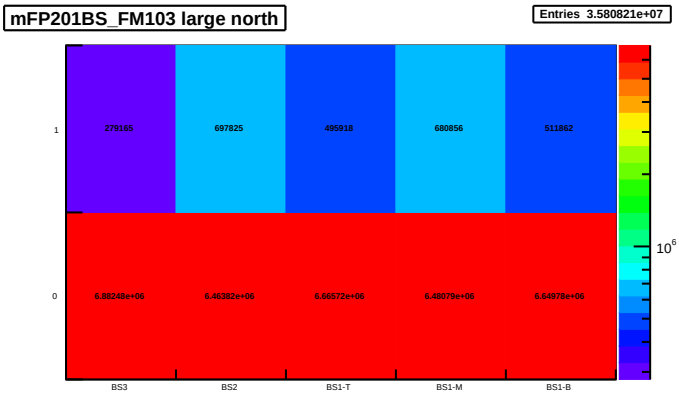
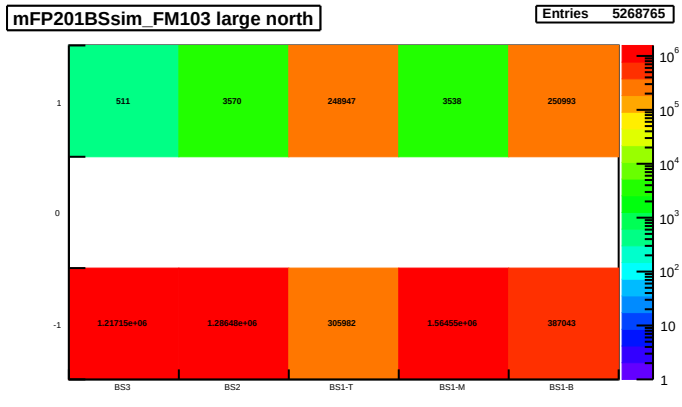
21620
12534
657225
661536
700097
719216
774862
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 3.580821e+07
1
0
279165
697825
495918
680856
511862
6.88248e+06
6.46382e+06
6.66572e+06
6.48079e+06
6.64978e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM103 large north
Entries 5268765
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-1
511
3570
248947
3538
250993
1.21715e+06
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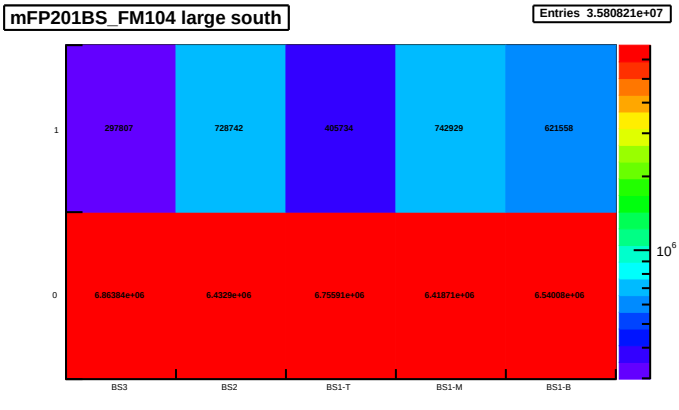
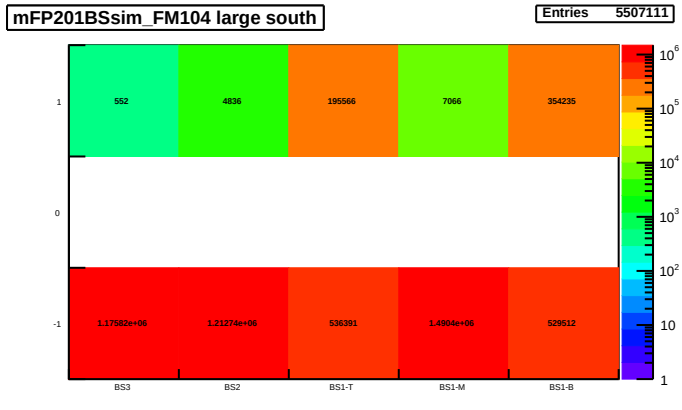
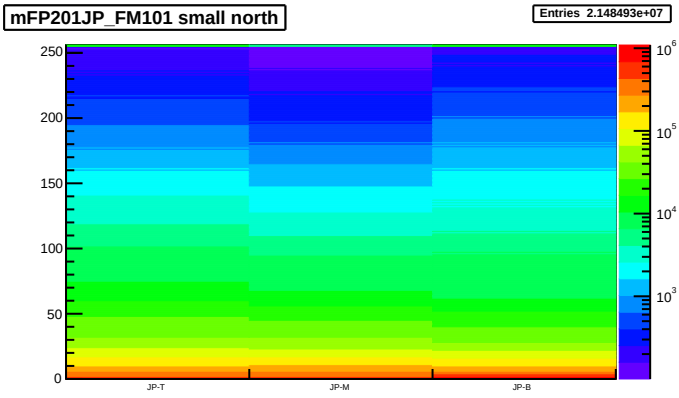
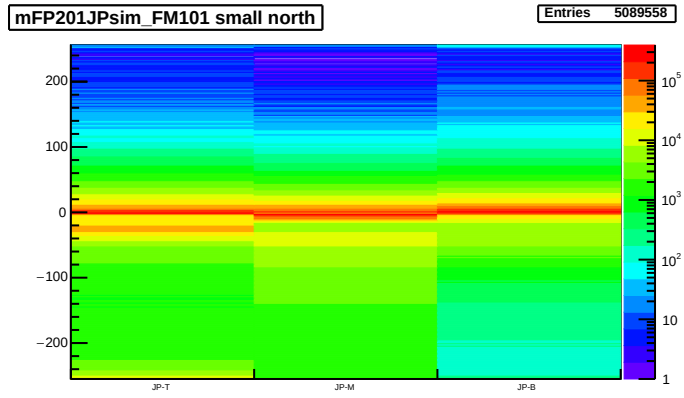
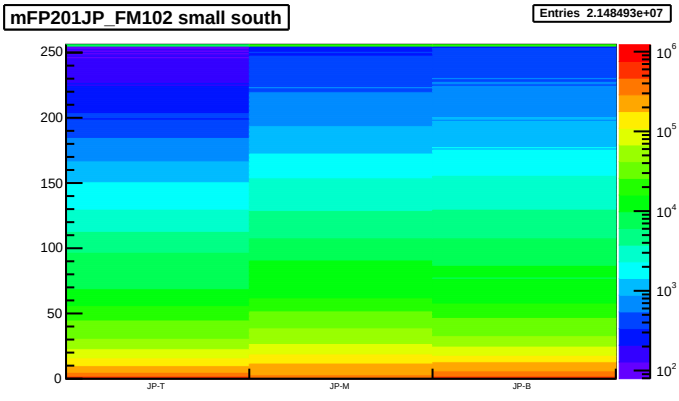
305982
1.56455e+06
387043
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

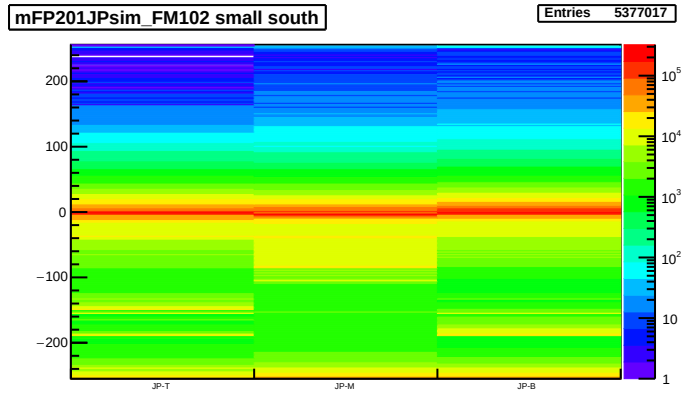

mFP201BS_FM104 large south
Entries 3.580821e+07
1
0
297807
728742
405734
742929
621558
6.86384e+06
6.4329e+06
6.75591e+06
6.41871e+06
6.54008e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

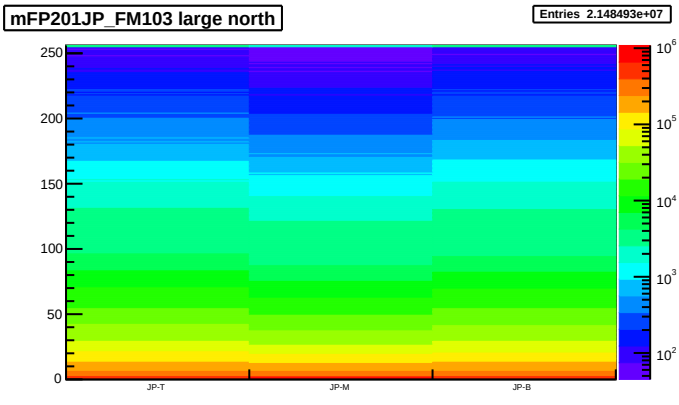

mFP201BSsim_FM104 large south
Entries 5507111
1
0
-1
552
4836
195566
7066
354235
1.17582e+06
1.21274e+06
536391
1.4904e+06
529512
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

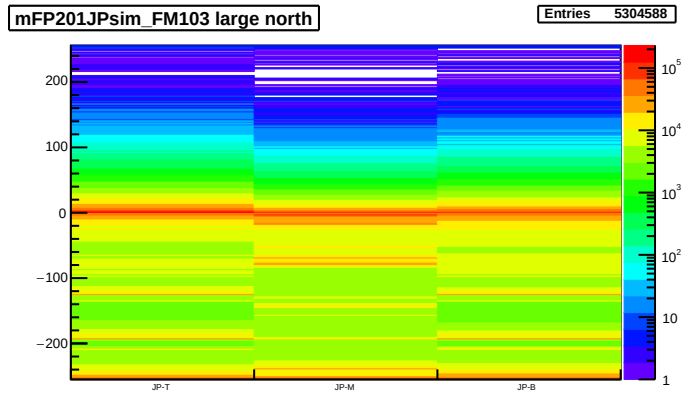

mFP201JP_FM101 small north
Entries 2.148493e+07
JP-T
JP-M
JP-B

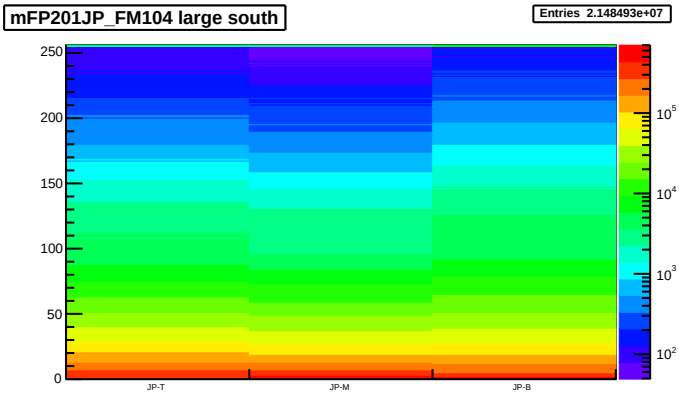

mFP201JPsim_FM101 small north
Entries 5089558
JP-T
JP-M
JP-B

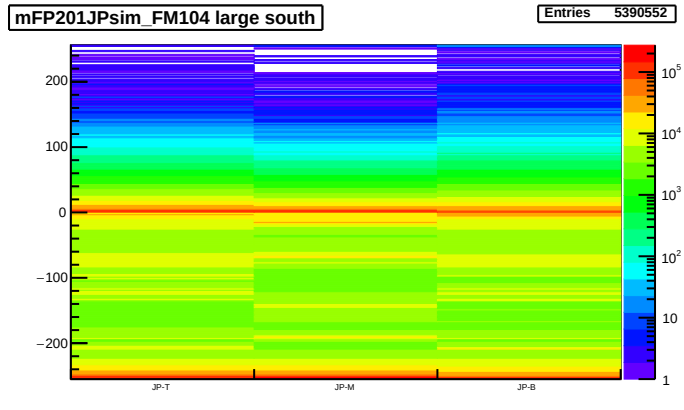

mFP201JP_FM102 small south
Entries 2.148493e+07
JP-T
JP-M
JP-B

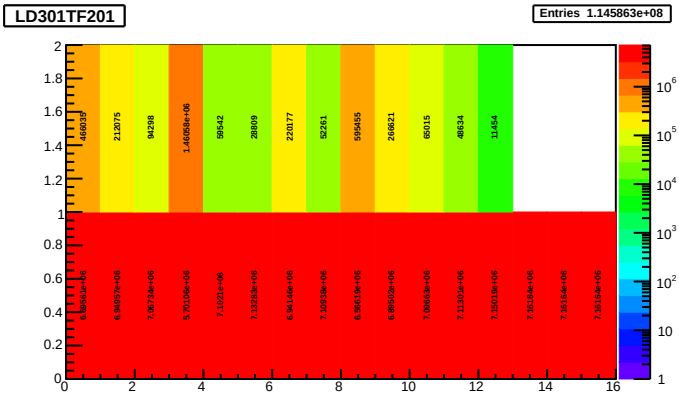

mFP201JPsim_FM102 small south
Entries 5377017
JP-T
JP-M
JP-B

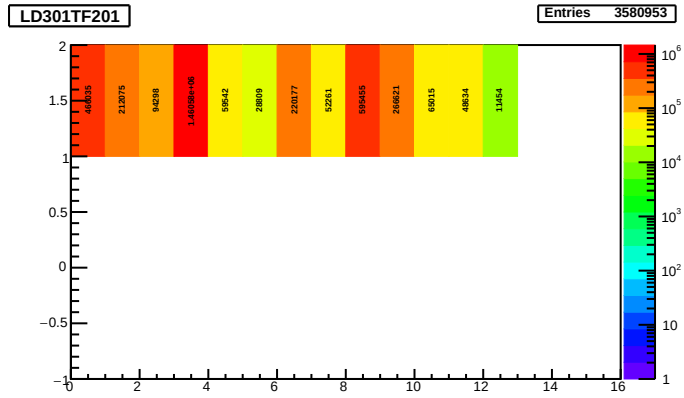

mFP201JP_FM103 large north
Entries 2.148493e+07
JP-T
JP-M
JP-B

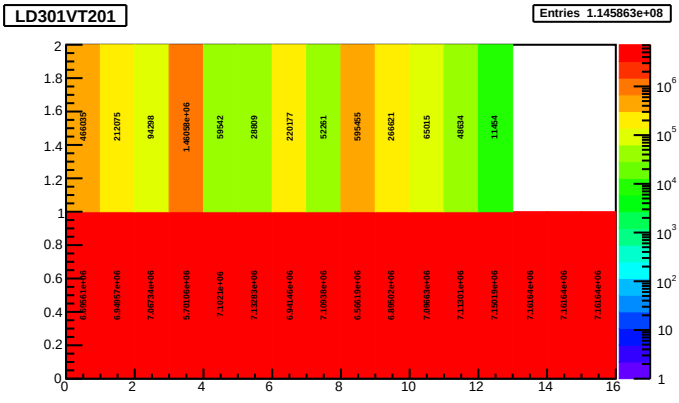

mFP201JPsim_FM103 large north
Entries 5304588
JP-T
JP-M
JP-B

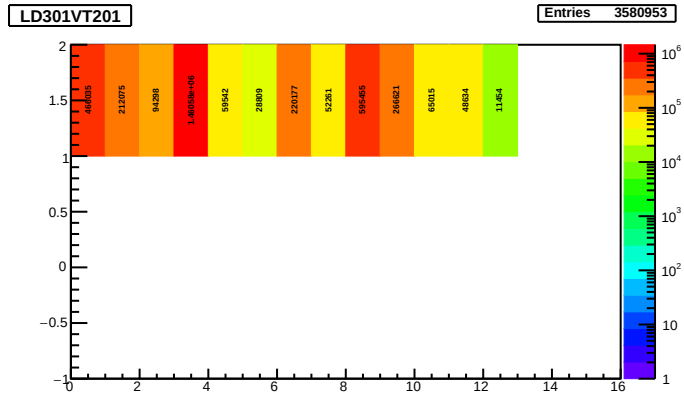

mFP201JP_FM104 large south
Entries 2.148493e+07
JP-T
JP-M
JP-B

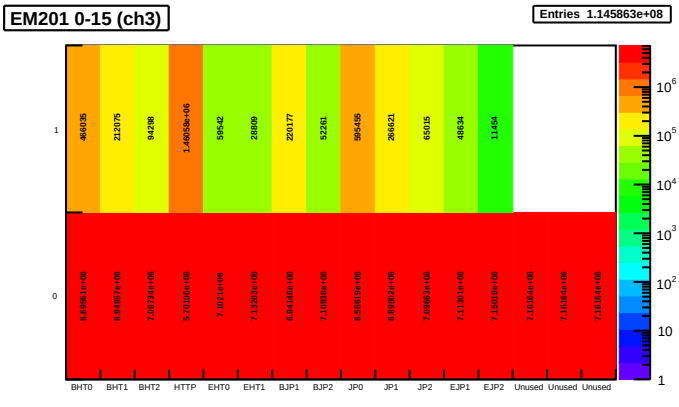

mFP201JPsim_FM104 large south
Entries 5390552
JP-T
JP-M
JP-B


LD301TF201
Entries 1.145863e+08


LD301TF201
Entries 3580953


LD301VT201
Entries 1.145863e+08


LD301VT201
Entries 3580953


EM201 0-15 (ch3)
Entries 1.145863e+08
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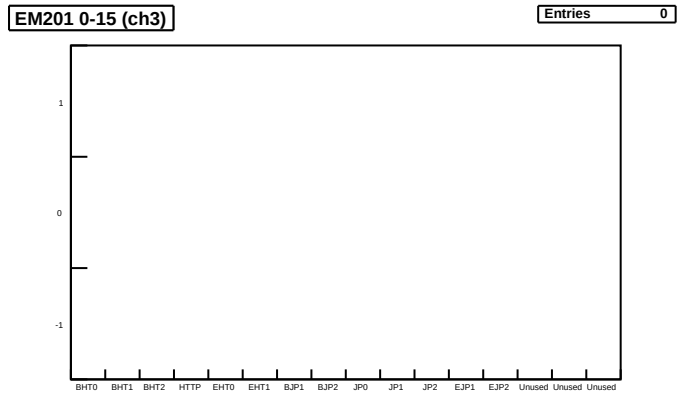
EM201 0-15 (ch3)
Entries 0
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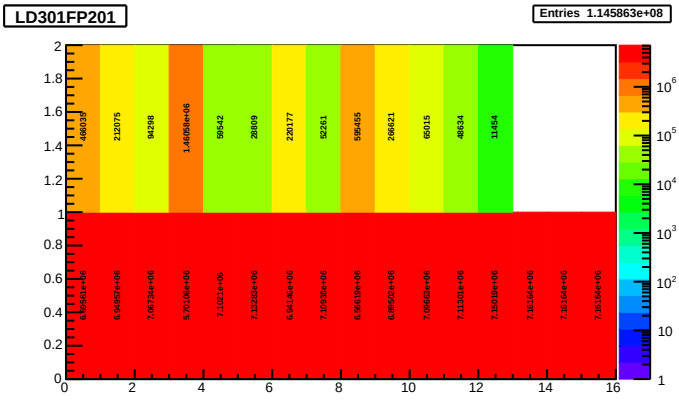
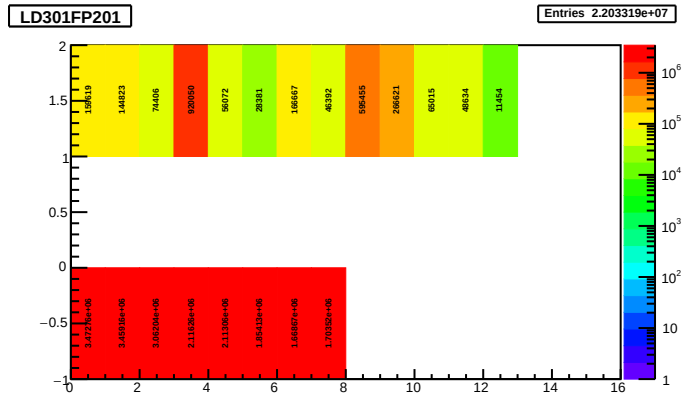

LD301FP201
Entries 1.145863e+08


LD301FP201
Entries 2.203319e+07