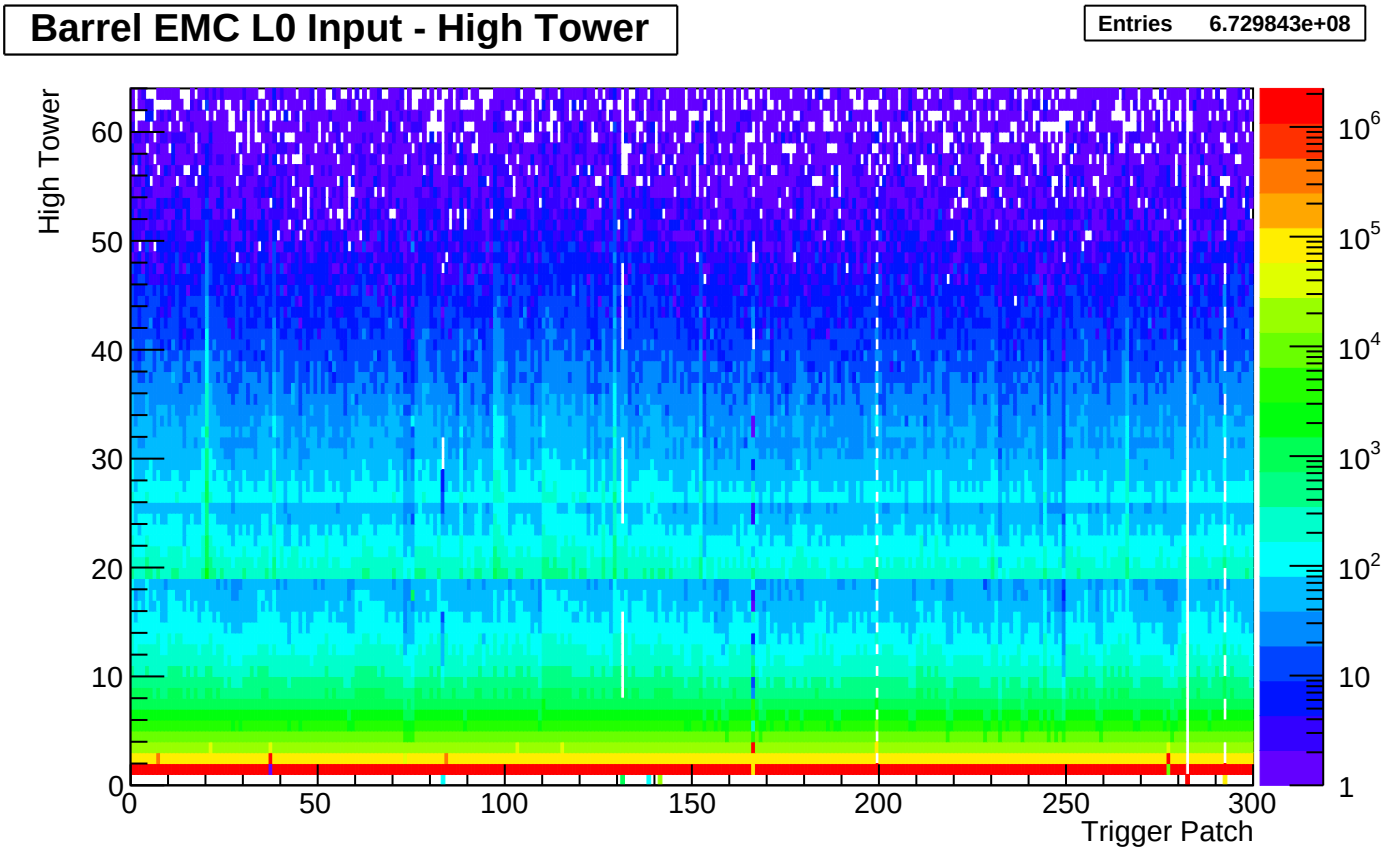
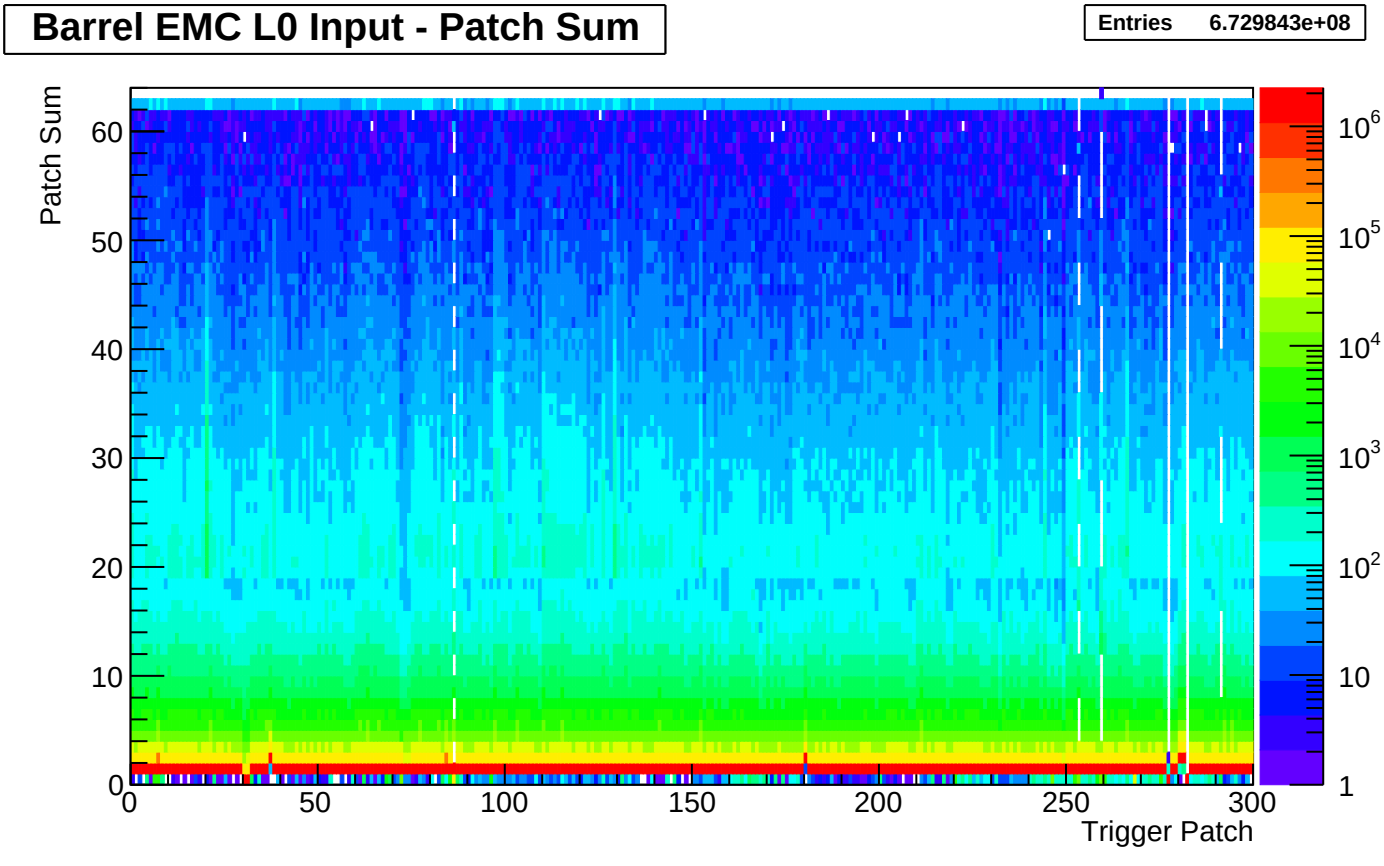
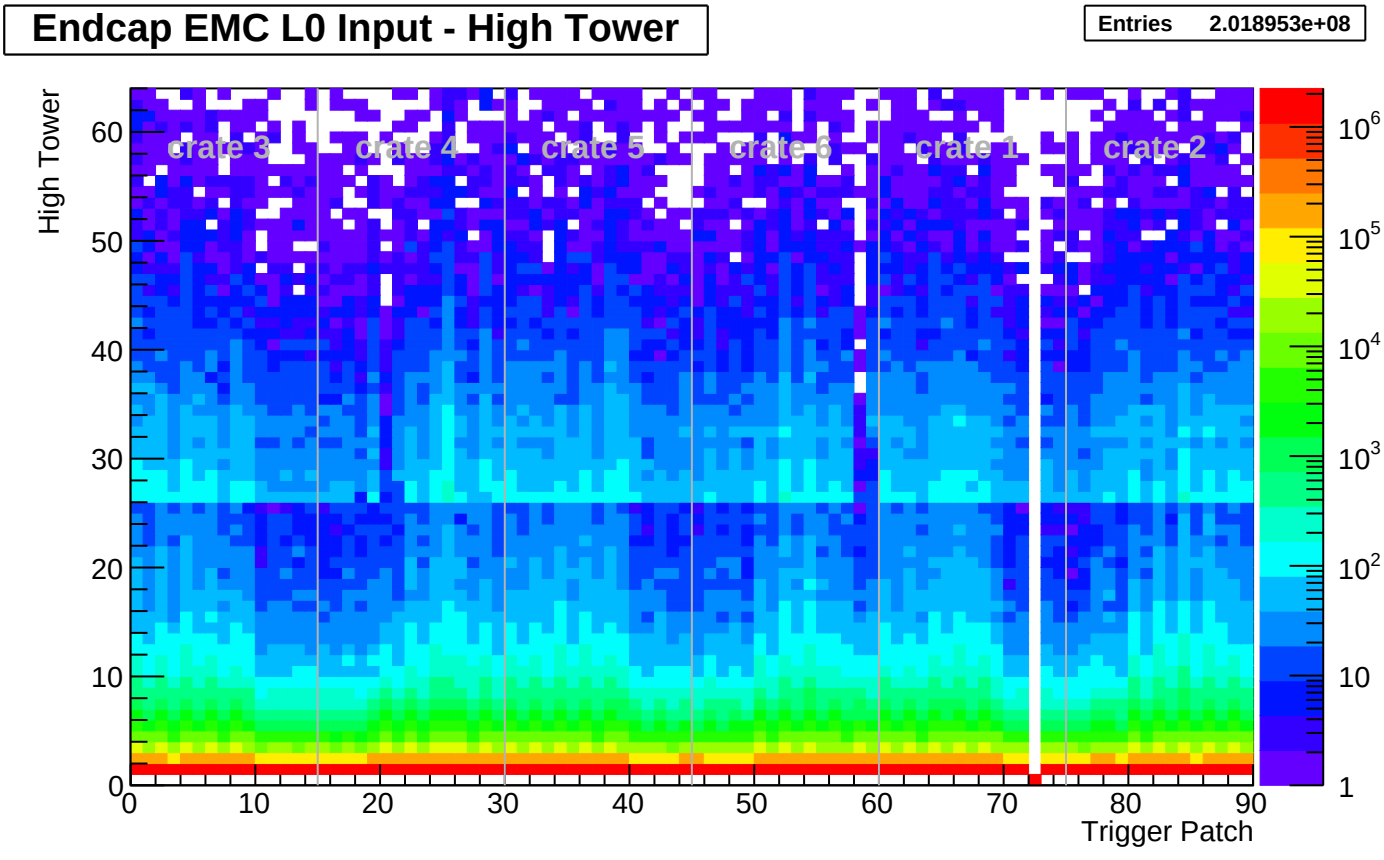
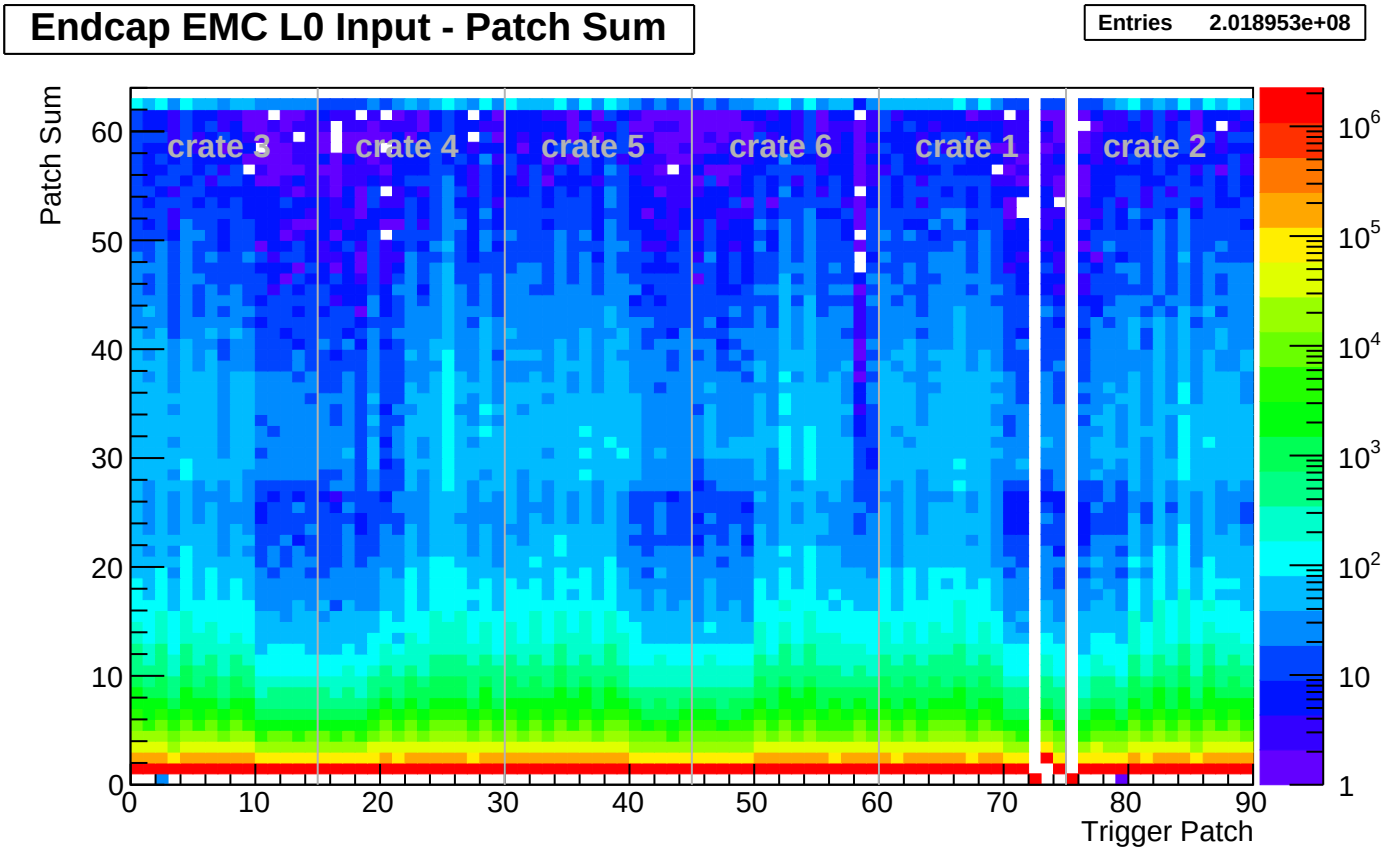
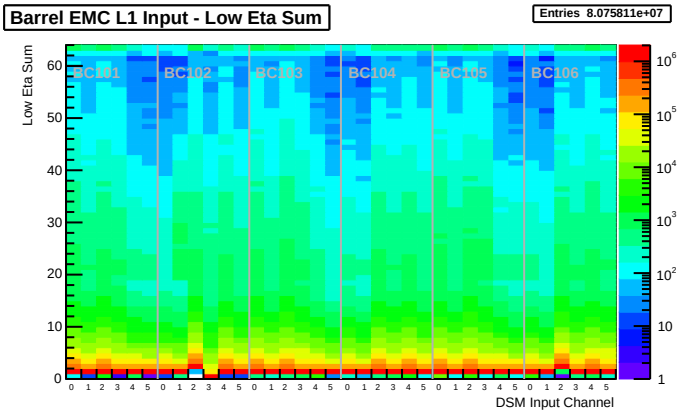
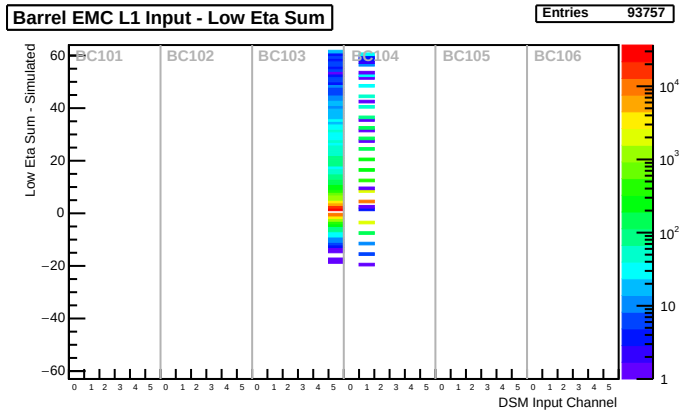

Barrel EMC L0 Input - High Tower
Entries 6.729843e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

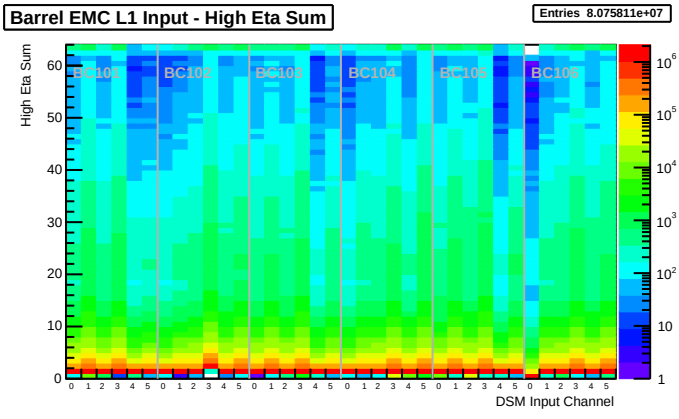

Barrel EMC L0 Input - Patch Sum
Entries 6.729843e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

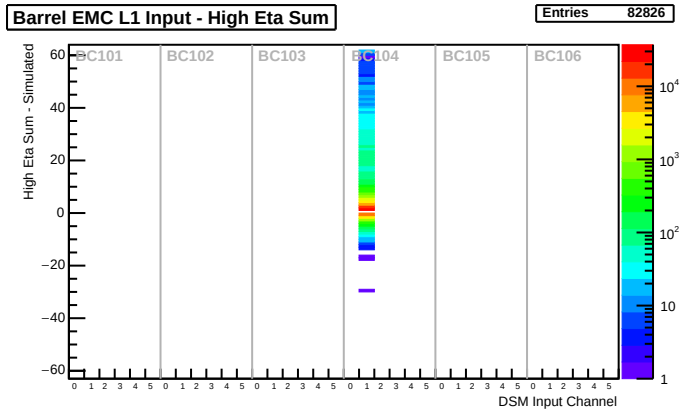

Endcap EMC L0 Input - High Tower
Entries 2.018953e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

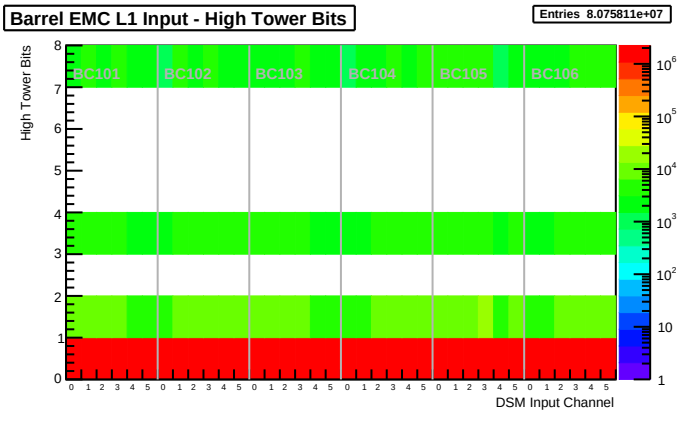

Endcap EMC L0 Input - Patch Sum
Entries 2.018953e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

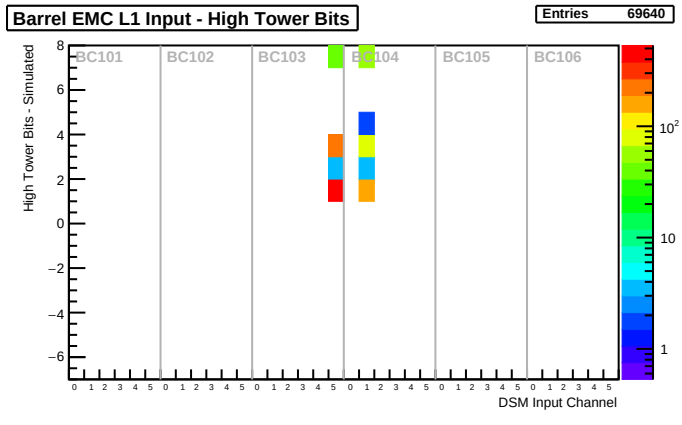

Barrel EMC L1 Input - Low Eta Sum
Entries 8.075811e+07
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

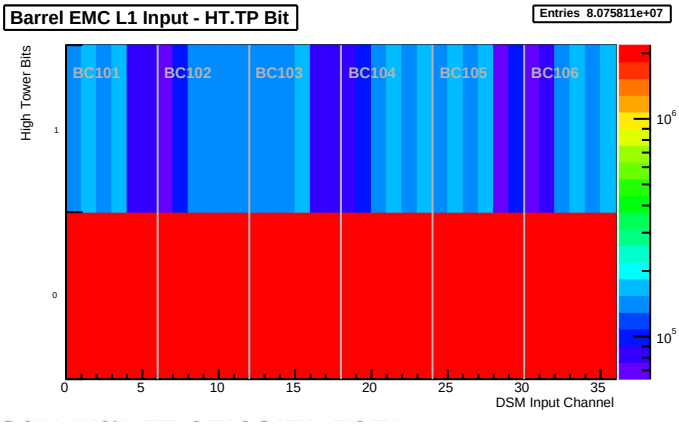

Barrel EMC L1 Input - Low Eta Sum
Entries 93757
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

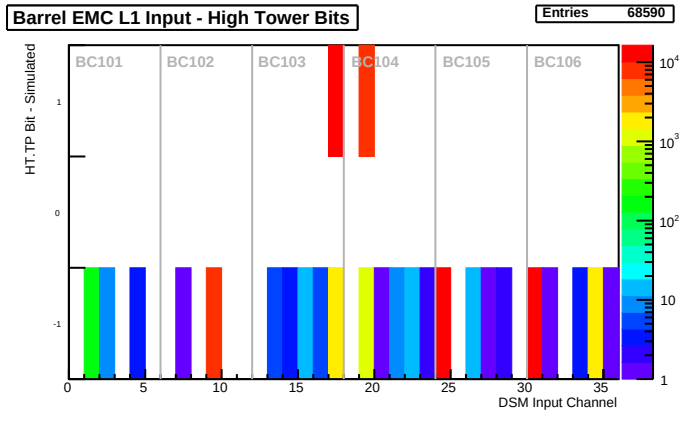

Barrel EMC L1 Input - High Eta Sum
Entries 8.075811e+07
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

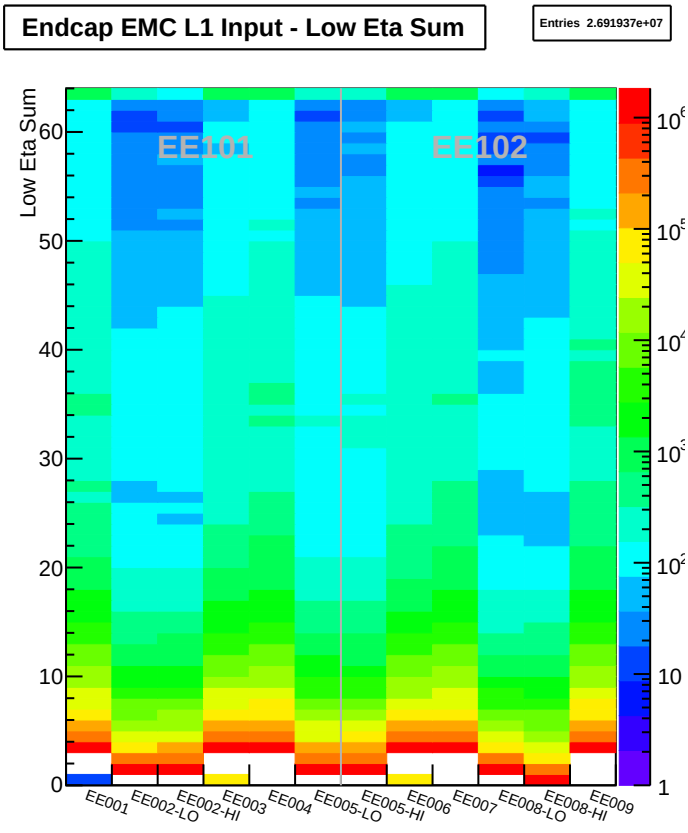

Barrel EMC L1 Input - High Eta Sum
Entries 82826
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

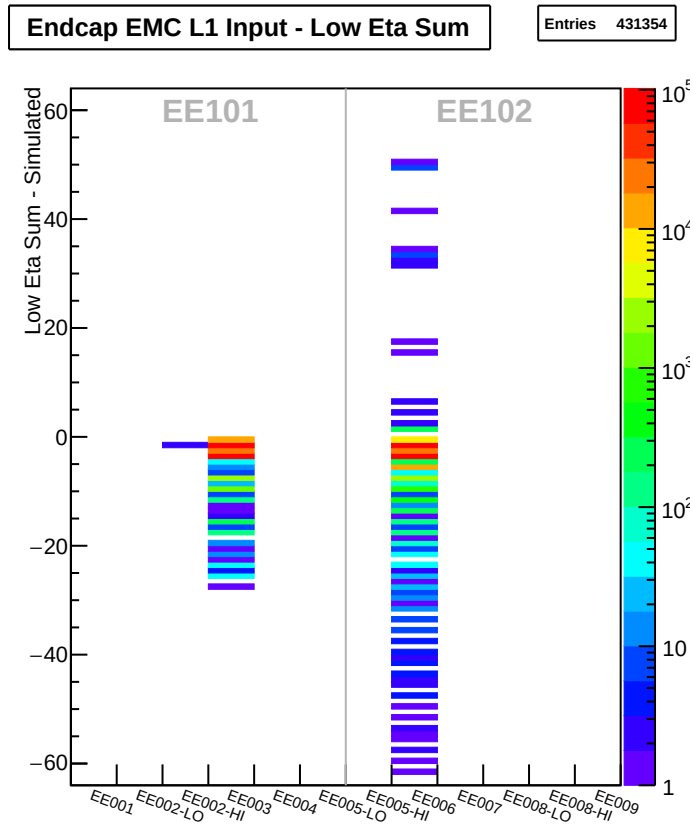

Barrel EMC L1 Input - High Tower Bits
Entries 8.075811e+07
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

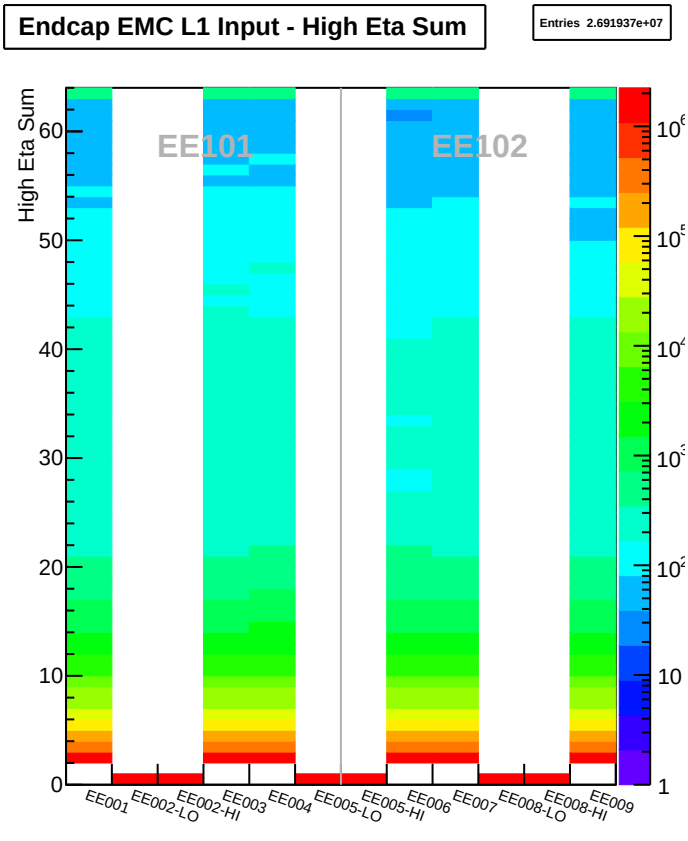

Barrel EMC L1 Input - High Tower Bits
Entries 69640
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

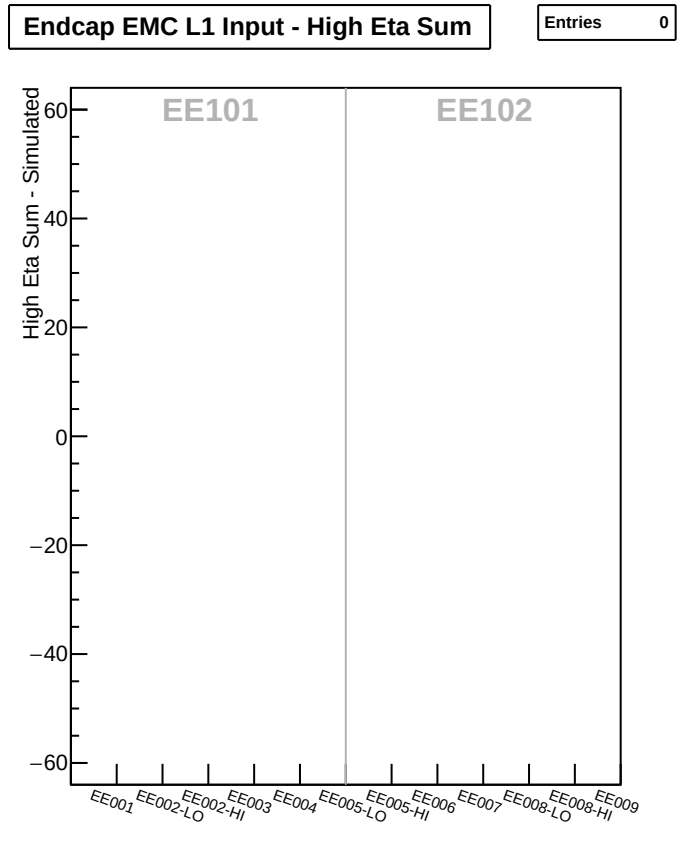

Barrel EMC L1 Input - HT.TP Bit
Entries 8.075811e+07
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

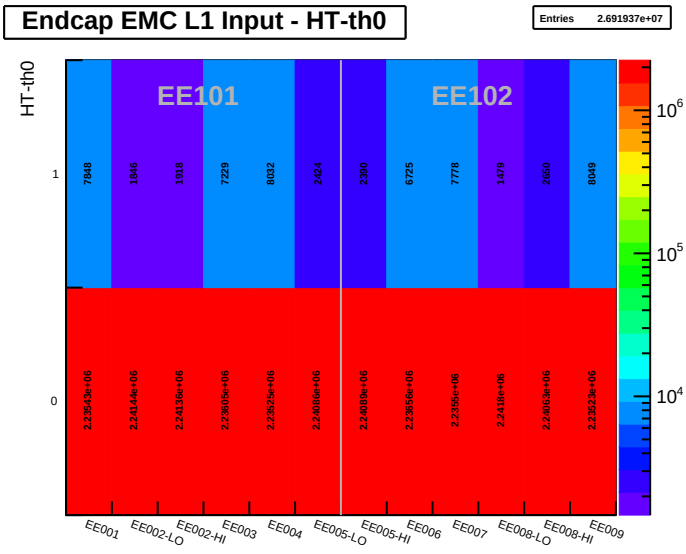

Barrel EMC L1 Input - High Tower Bits
Entries 68590
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

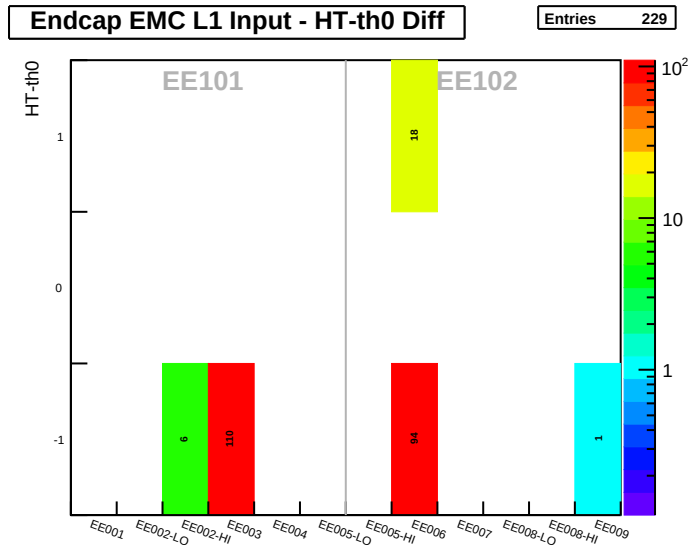

Endcap EMC L1 Input - Low Eta Sum
Entries 2.691937e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

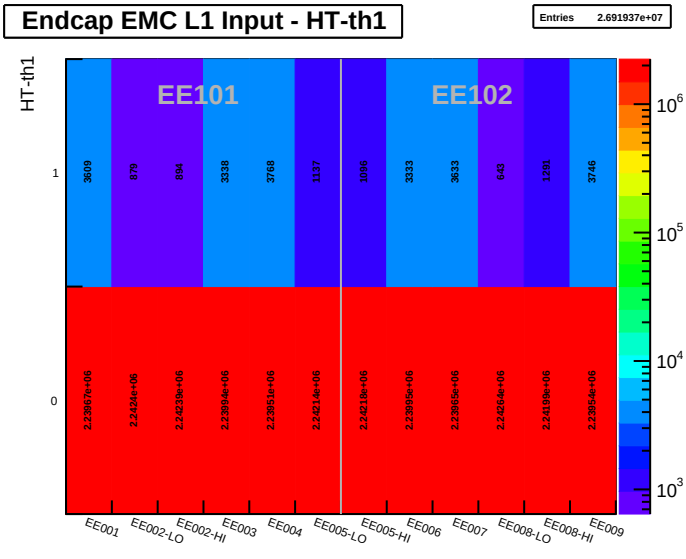

Endcap EMC L1 Input - Low Eta Sum
Entries 431354
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

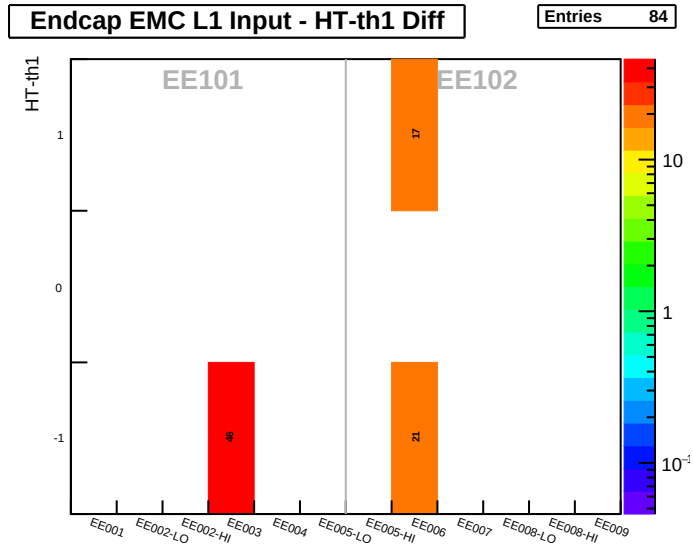

Endcap EMC L1 Input - High Eta Sum
Entries 2.691937e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

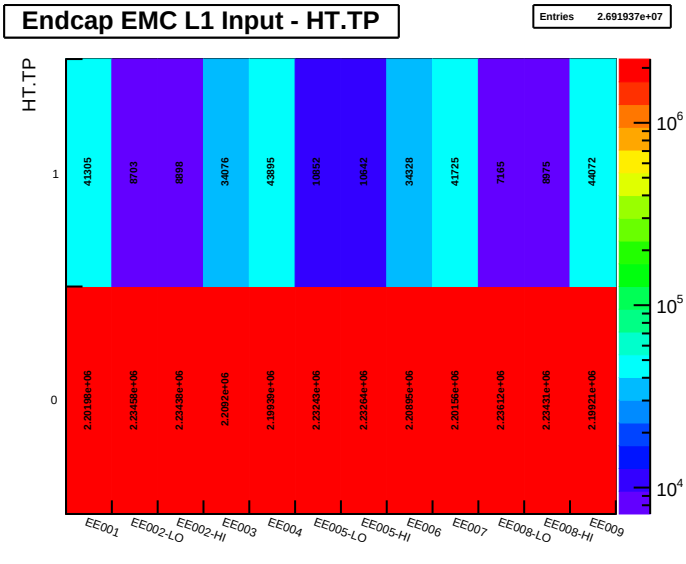

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

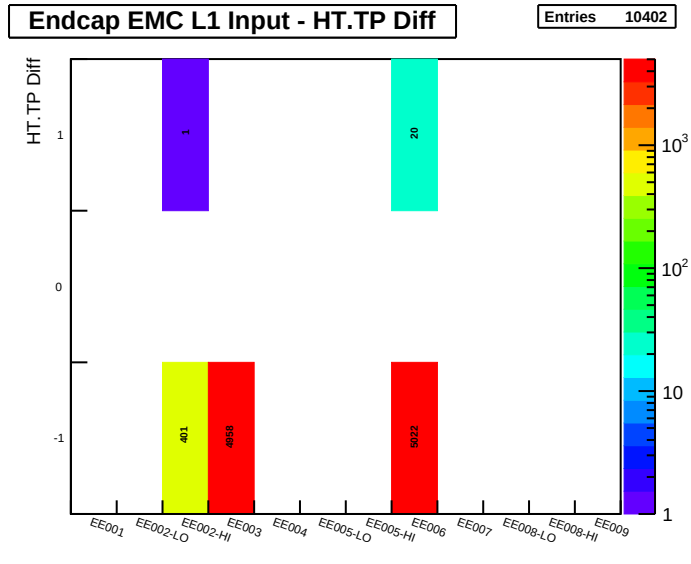

Endcap EMC L1 Input - HT-th0
Entries 2.691937e+07
HT-th0
EE101
EE102
7848 1946 1918 7229 8032 2424 2380 6725 7778 1479 2660 8049
2.23543e+06 2.24144e+06 2.24136e+06 2.23805e+06 2.23525e+06 2.24089e+06 2.24089e+06 2.23656e+06 2.23355e+06 2.2418e+06 2.24063e+06 2.23523e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

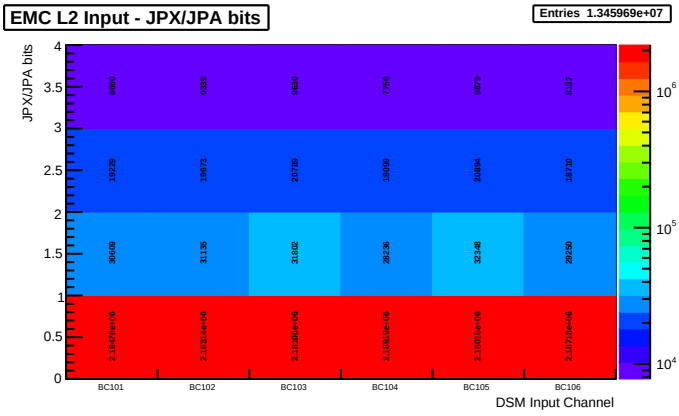

Endcap EMC L1 Input - HT-th0 Diff
Entries 229
HT-th0
EE101
EE102
18
6 110 94 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

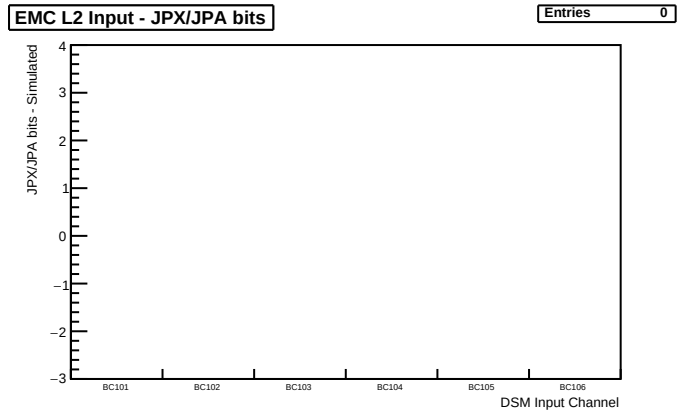

Endcap EMC L1 Input - HT-th1
Entries 2.691937e+07
HT-th1
EE101
EE102
3609 879 894 3338 3768 1137 1096 3333 3633 642 1291 3746
2.23967e+06 2.2424e+06 2.24230e+06 2.23994e+06 2.23951e+06 2.24214e+06 2.24218e+06 2.23995e+06 2.23965e+06 2.24264e+06 2.24199e+06 2.23954e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

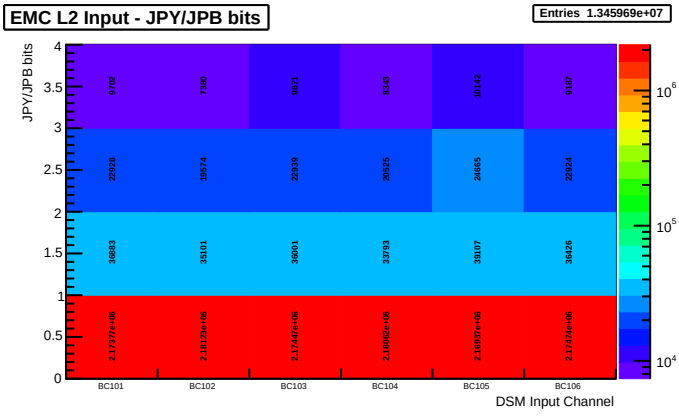

Endcap EMC L1 Input - HT-th1 Diff
Entries 84
HT-th1
EE101
EE102
17
46 21
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

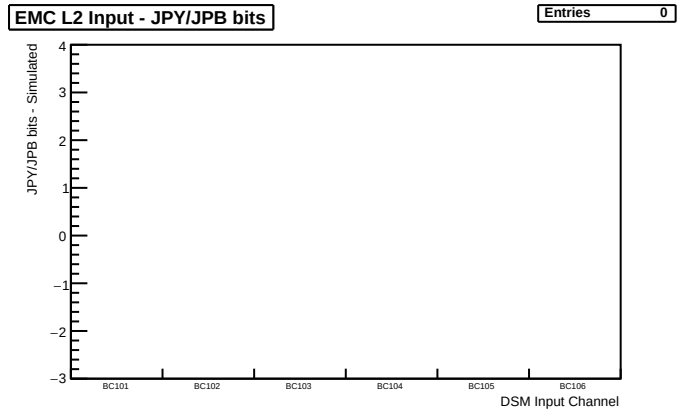

Endcap EMC L1 Input - HT.TP
Entries 2.691937e+07
HT.TP
41305 8703 8698 34076 43895 10652 10642 34328 41725 7165 8875 44072
2.20198e+06 2.23458e+06 2.23438e+06 2.2092e+06 2.19939e+06 2.23243e+06 2.23264e+06 2.20895e+06 2.20156e+06 2.23612e+06 2.23431e+06 2.19921e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

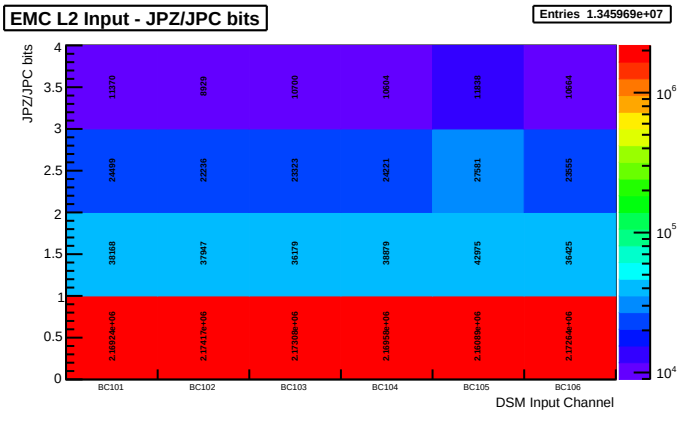

Endcap EMC L1 Input - HT.TP Diff
Entries 10402
HT.TP Diff
1
20
401 4958 5022
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

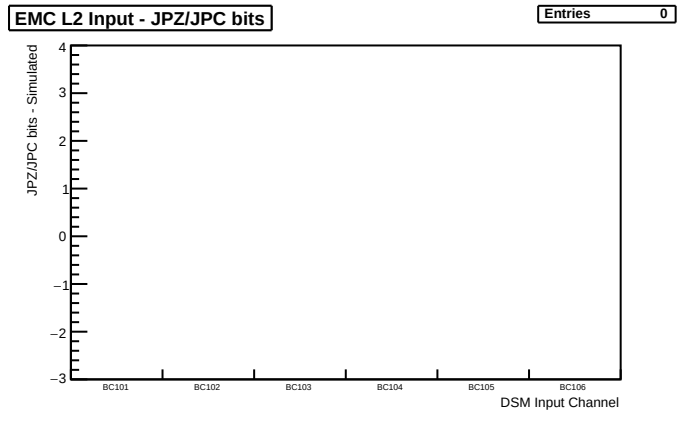

EMC L2 Input - JPX/JPA bits
Entries 1.345969e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

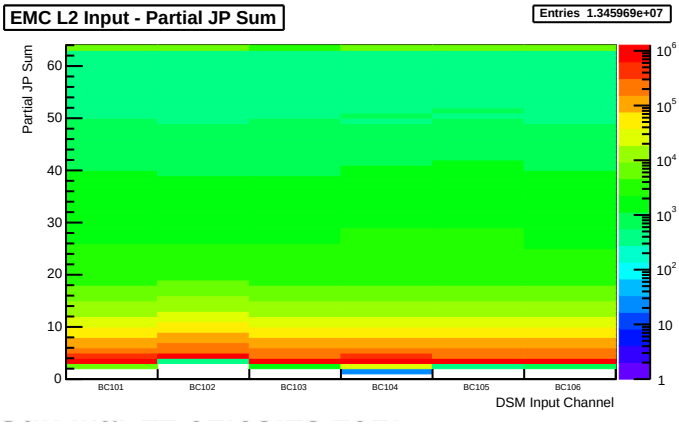

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

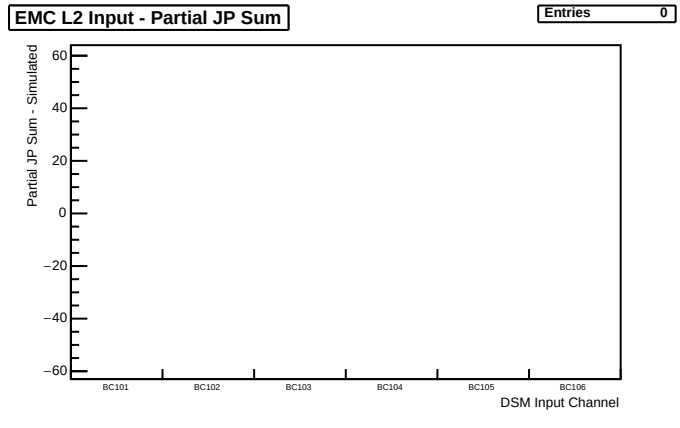

EMC L2 Input - JPY/JPB bits
Entries 1.345969e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

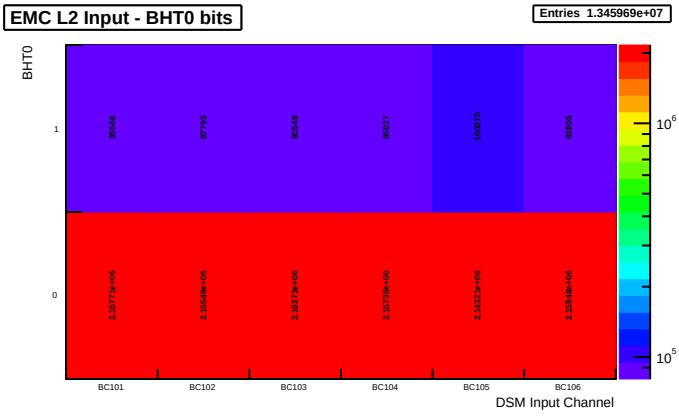

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

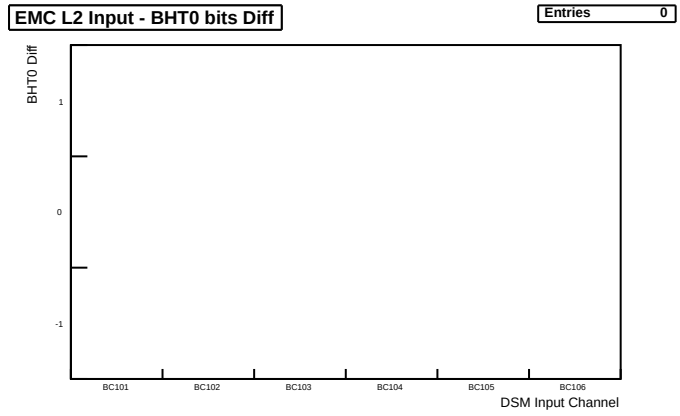

EMC L2 Input - JPZ/JPC bits
Entries 1.345969e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

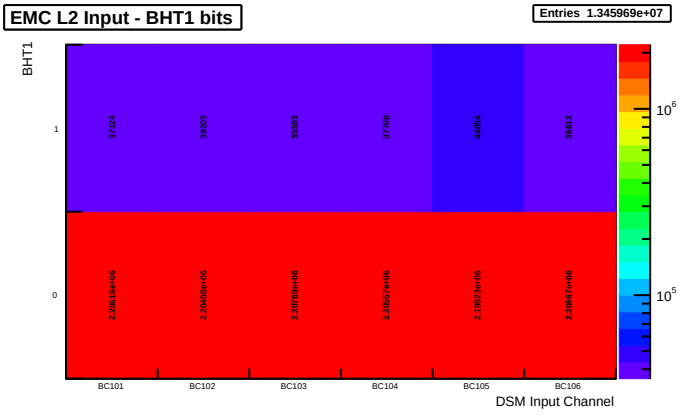

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

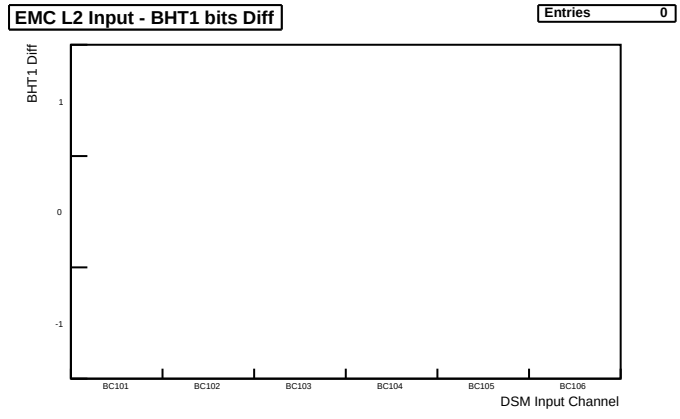

EMC L2 Input - Partial JP Sum
Entries 1.345969e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

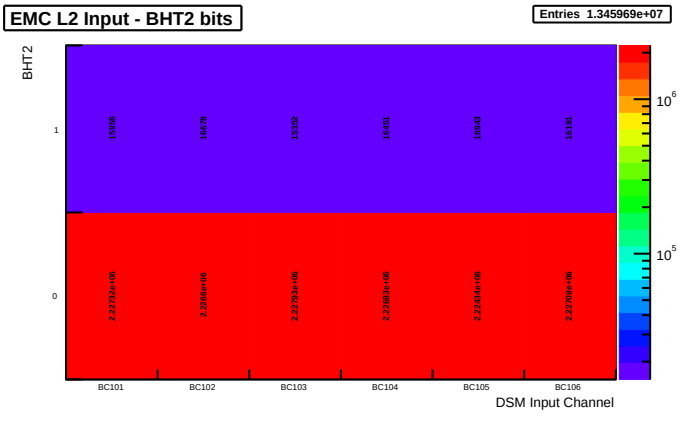

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

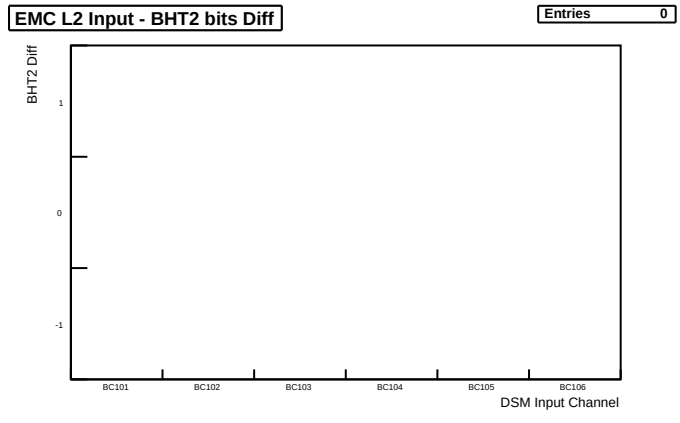

EMC L2 Input - BHT0 bits
Entries 1.345969e+07
BHT0
1
0
85558
87733
86549
85927
100070
83805
2.15771e+06
2.15545e+06
2.15273e+06
2.15735e+06
2.14321e+06
2.15049e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

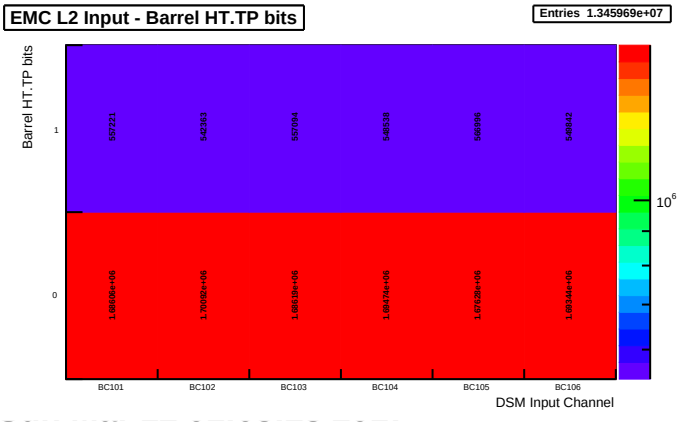

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

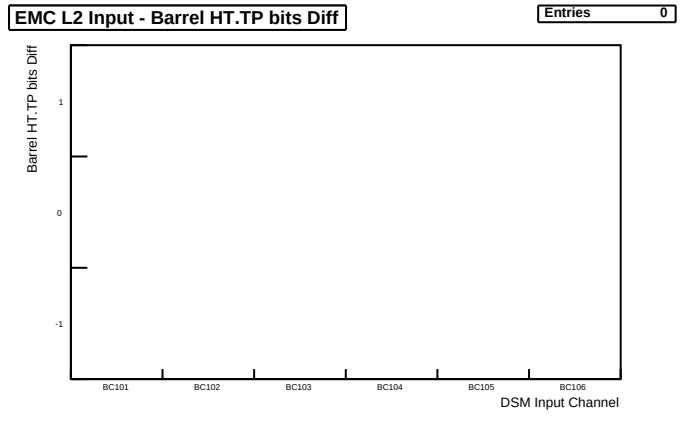

EMC L2 Input - BHT1 bits
Entries 1.345969e+07
BHT1
1
0
37124
39203
35593
37708
44664
35612
2.20516e+06
2.20408e+06
2.20769e+06
2.20557e+06
2.19923e+06
2.20667e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

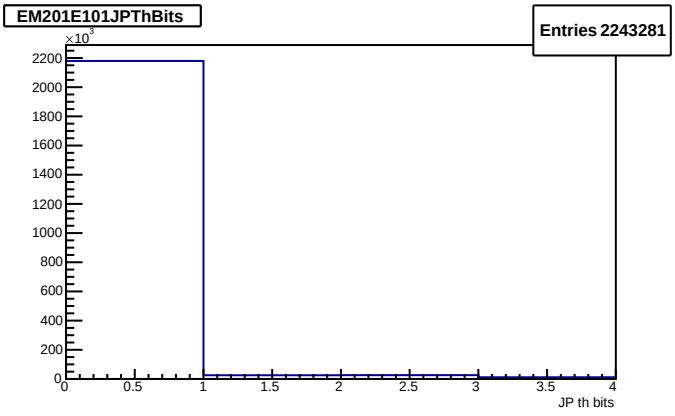

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

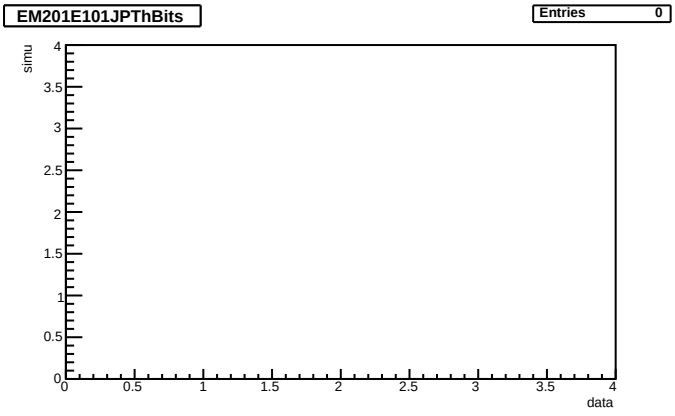

EMC L2 Input - BHT2 bits
Entries 1.345969e+07
BHT2
1
0
15958
16678
15352
16451
10943
16101
2.22752e+06
2.2256e+06
2.22793e+06
2.22831e+06
2.22434e+06
2.22769e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

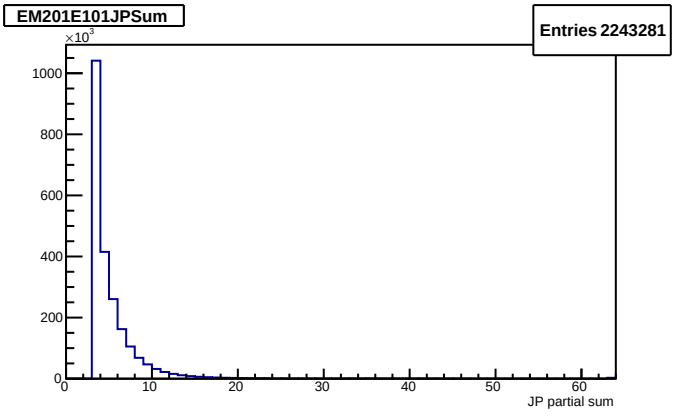

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

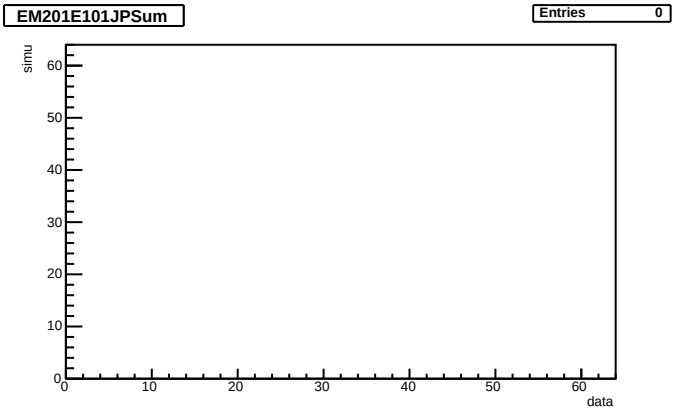

EMC L2 Input - Barrel HT.TP bits
Entries 1.345969e+07
Barrel HT.TP bits
1
0
557221
542363
557094
548538
566996
549842
1.68506e+06
1.70092e+06
1.68619e+06
1.69476e+06
1.67628e+06
1.68344e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

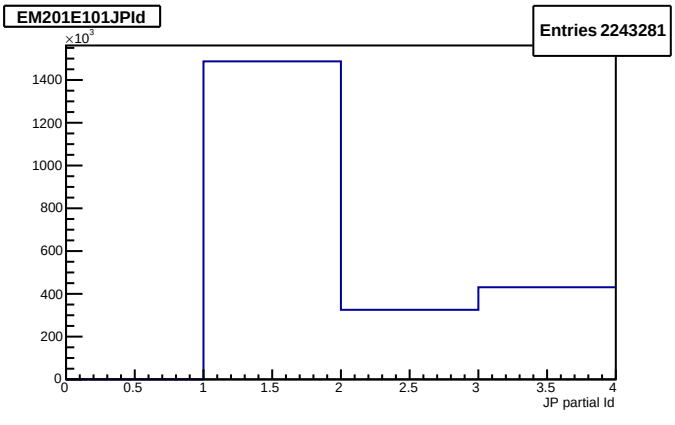

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

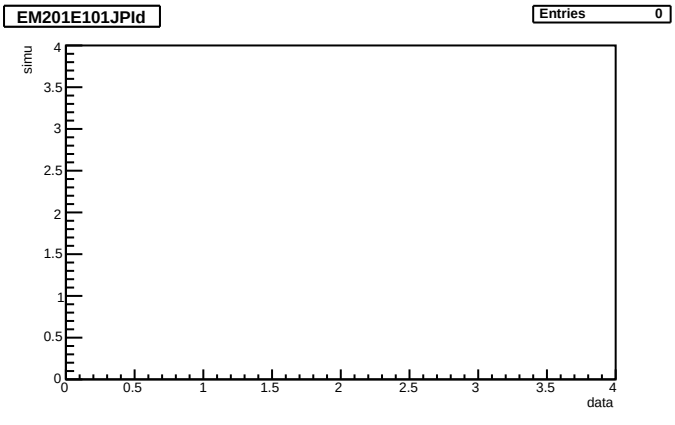

EM201E101JPThBits
Entries 2243281
JP th bits

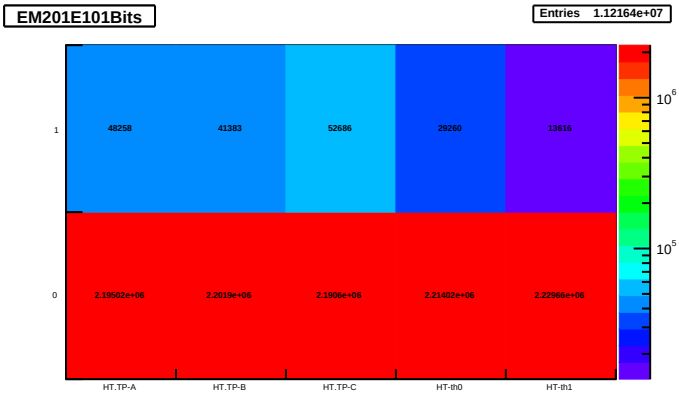

EM201E101JPThBits
Entries 0
simu
data

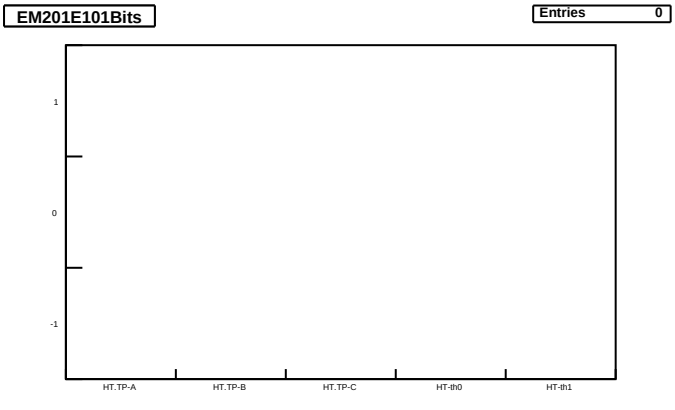

EM201E101JPSum
Entries 2243281
JP partial sum

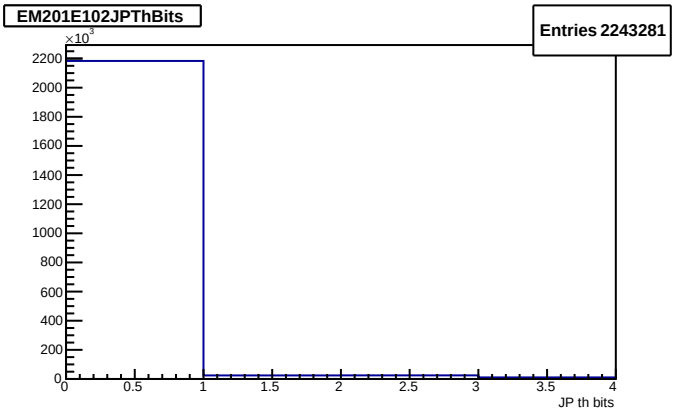

EM201E101JPSum
Entries 0
simu
data

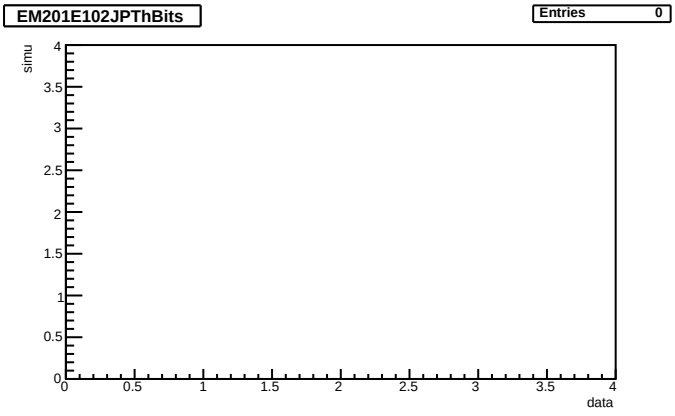

EM201E101JPId
Entries 2243281
JP partial Id

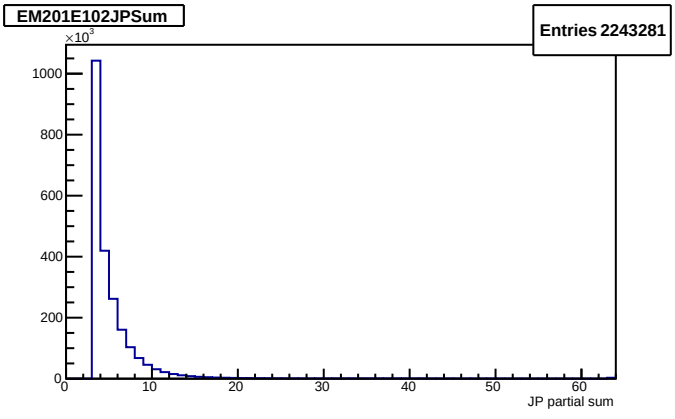

EM201E101JPId
Entries 0
simu
data

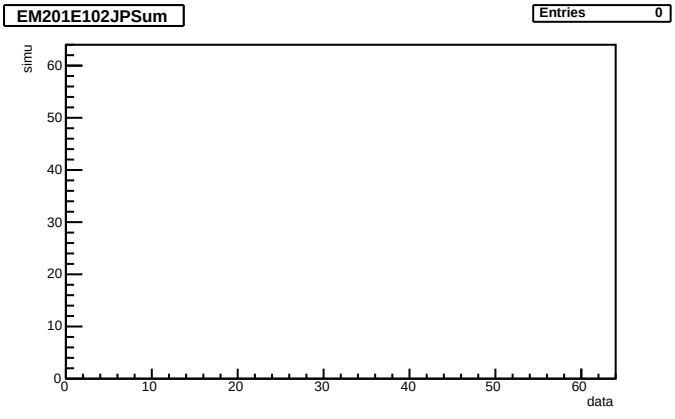

EM201E101Bits
Entries 1.12164e+07
48258
41383
52686
29260
13616
2.19502e+06
2.2019e+06
2.1906e+06
2.21402e+06
2.22966e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

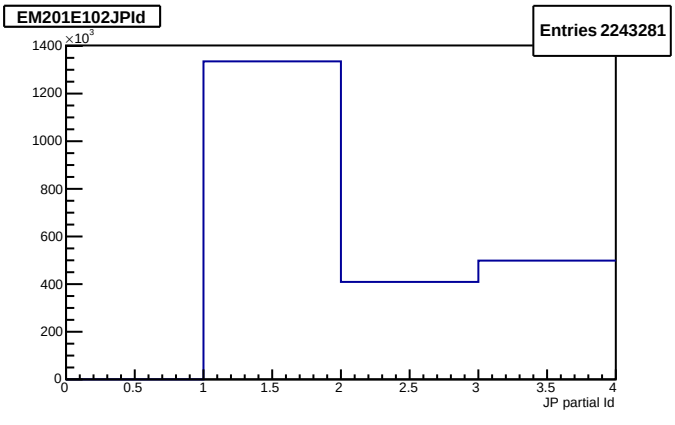

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

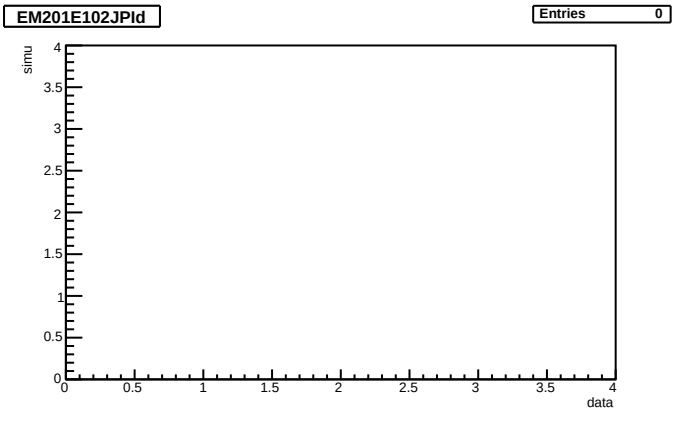

EM201E102JPThBits
Entries 2243281
JP th bits

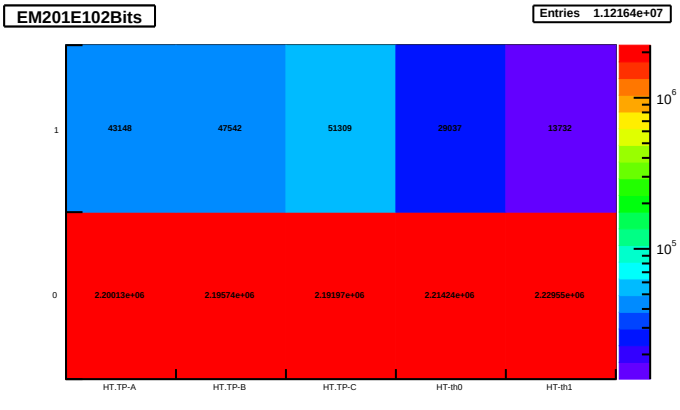

EM201E102JPThBits
Entries 0
simu
data

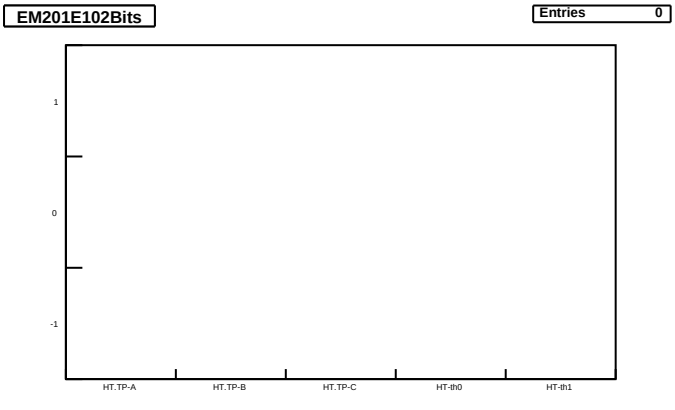

EM201E102JPSum
Entries 2243281
JP partial sum

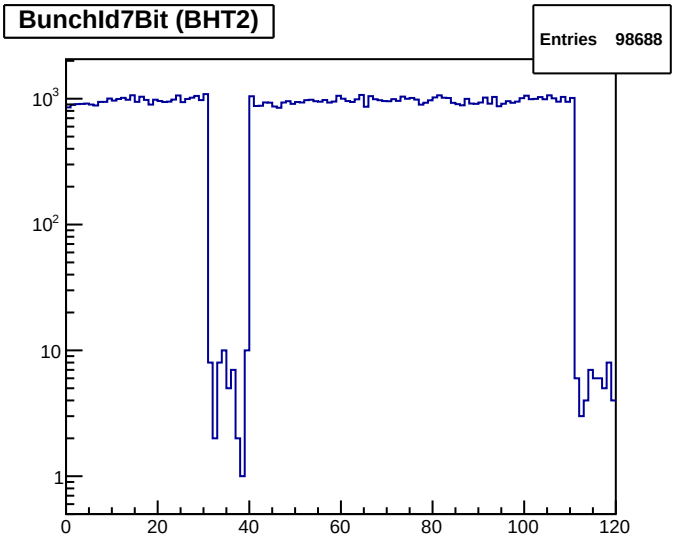

EM201E102JPSum
Entries 0
simu
data

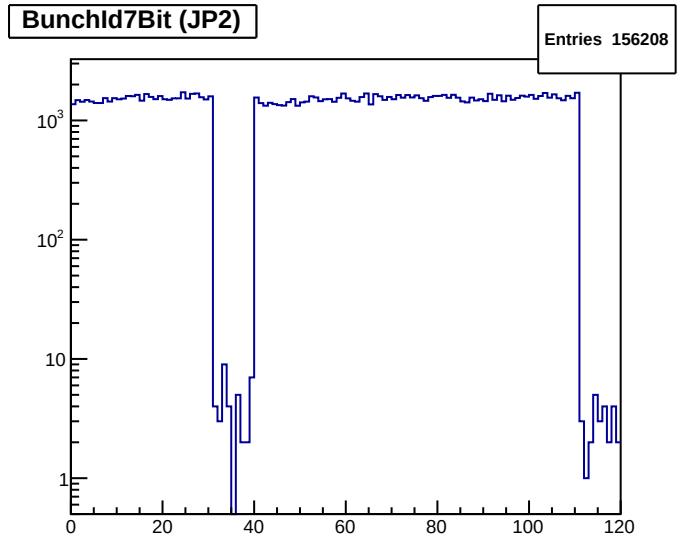

EM201E102JPId
Entries 2243281
JP partial Id

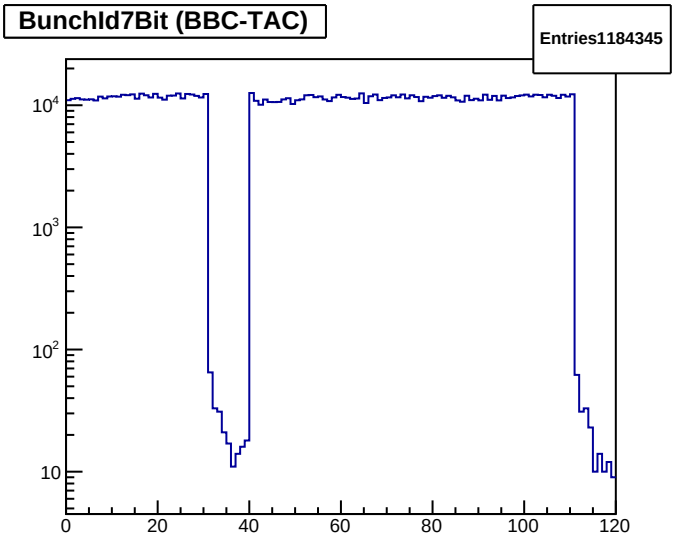

EM201E102JPId
Entries 0
simu
data

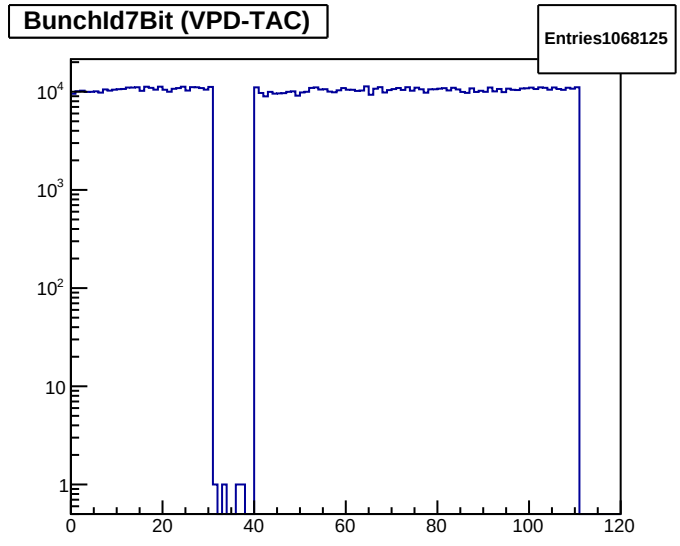

EM201E102Bits
Entries 1.12164e+07
43148
47542
51309
29037
13732
2.20013e+06
2.19574e+06
2.19197e+06
2.21424e+06
2.22955e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

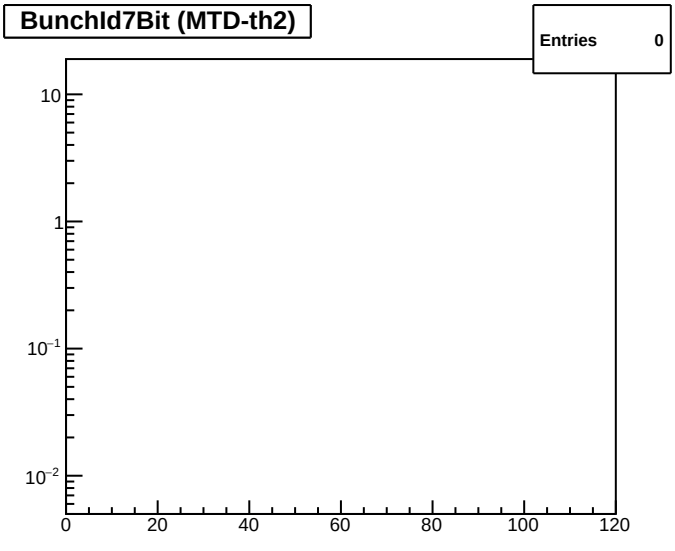

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

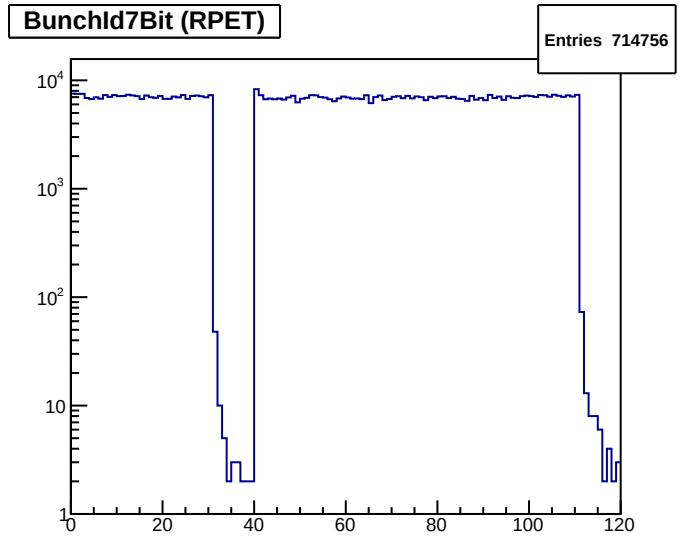

BunchId7Bit (BHT2)
Entries 98688

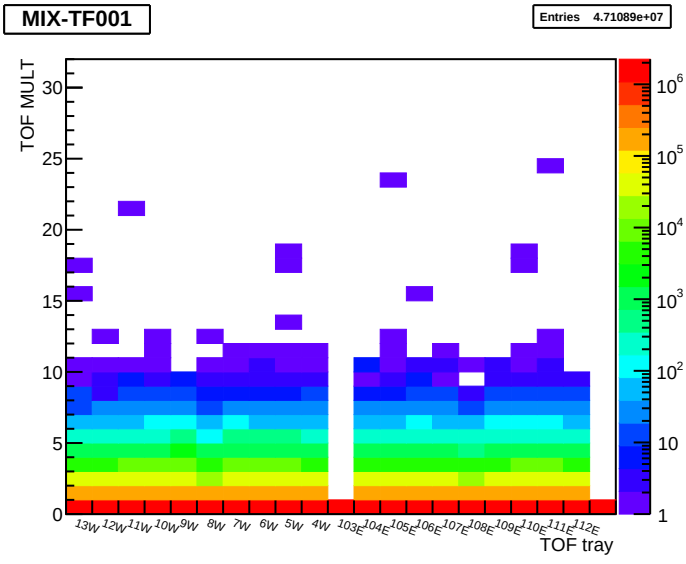

BunchId7Bit (JP2)
Entries 156208

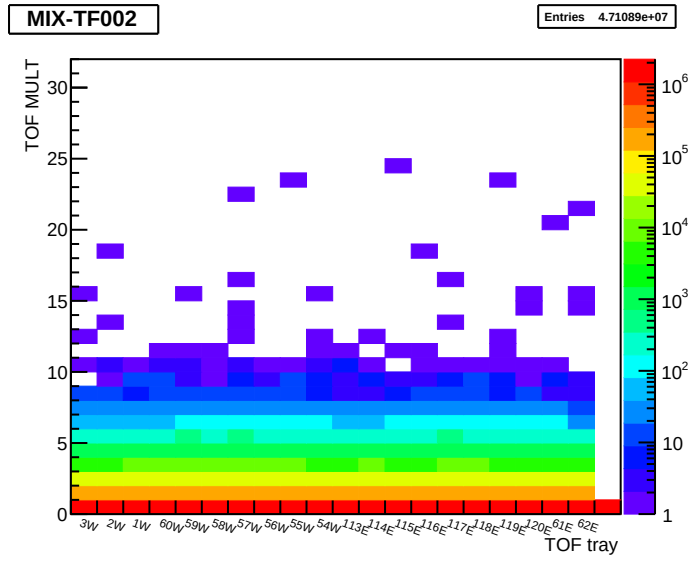

BunchId7Bit (BBC-TAC)
Entries1184345

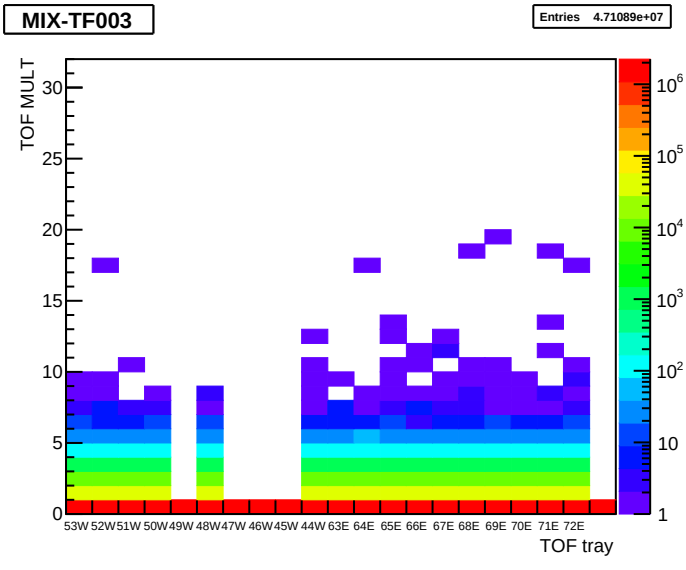

BunchId7Bit (VPD-TAC)
Entries1068125

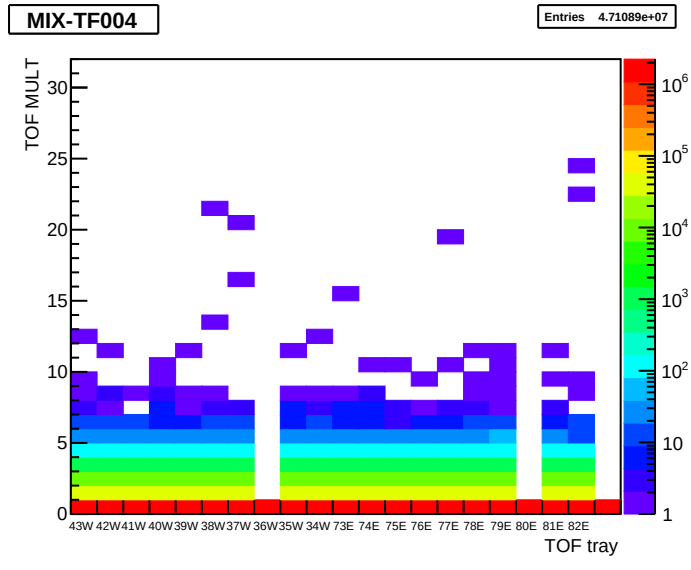

BunchId7Bit (MTD-th2)
Entries 0

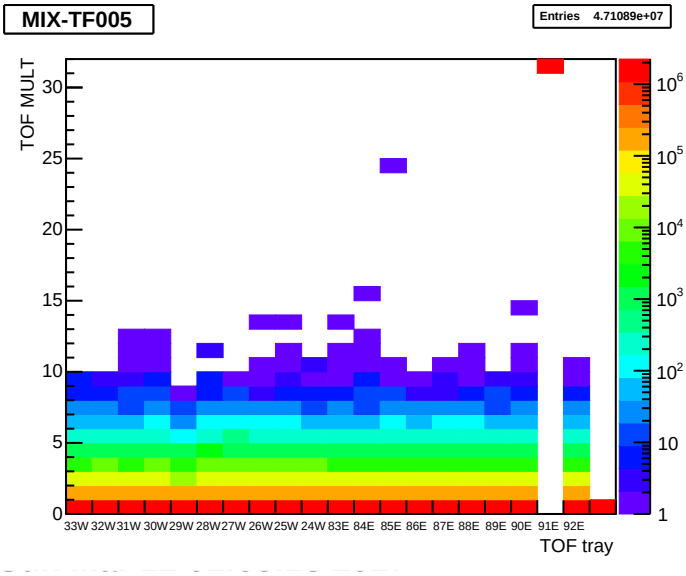

BunchId7Bit (RPET)
Entries 714756

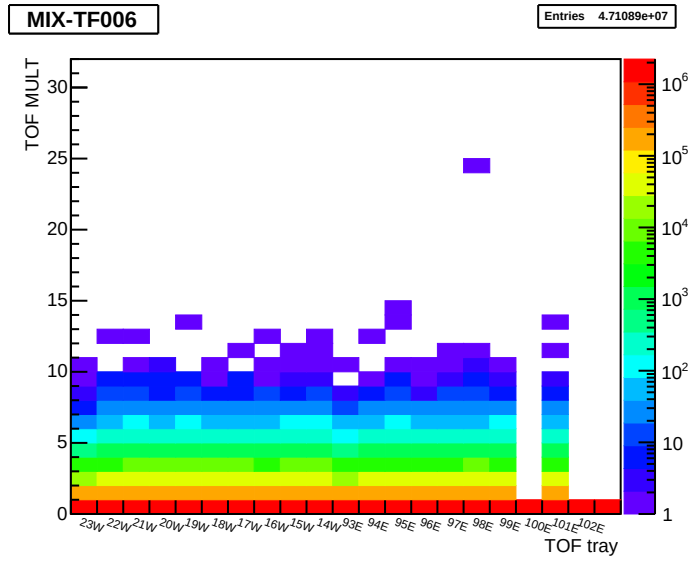

MIX-TF001
Entries 4.71089e+07
TOF MULT
TOF tray

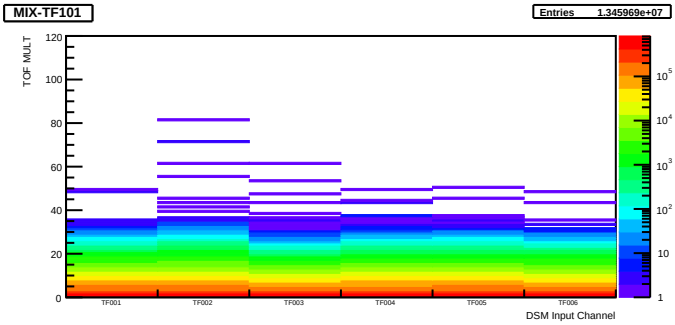

MIX-TF002
Entries 4.71089e+07
TOF MULT
TOF tray

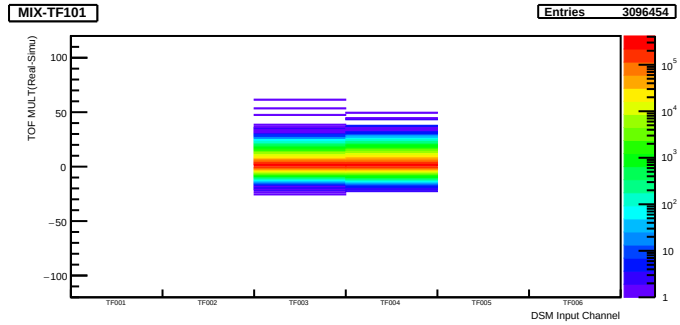

MIX-TF003
Entries 4.71089e+07
TOF MULT
TOF tray

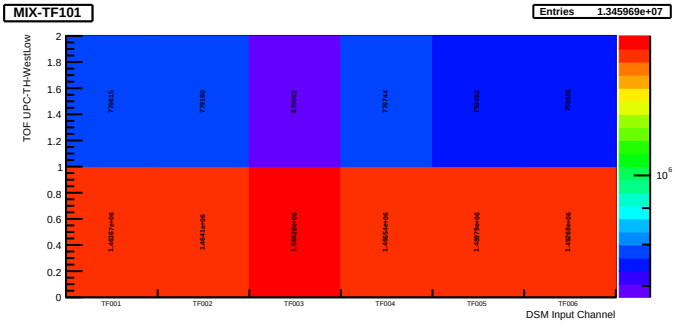

MIX-TF004
Entries 4.71089e+07
TOF MULT
TOF tray

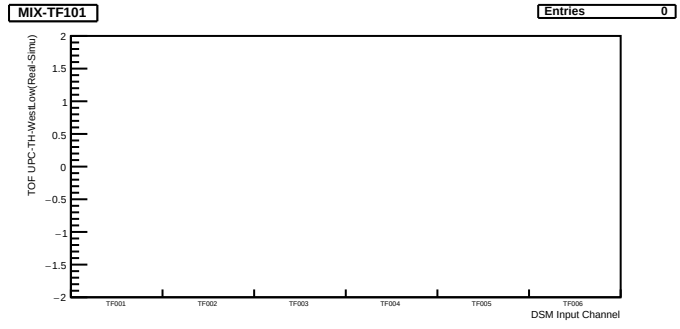

MIX-TF005
Entries 4.71089e+07
TOF MULT
TOF tray

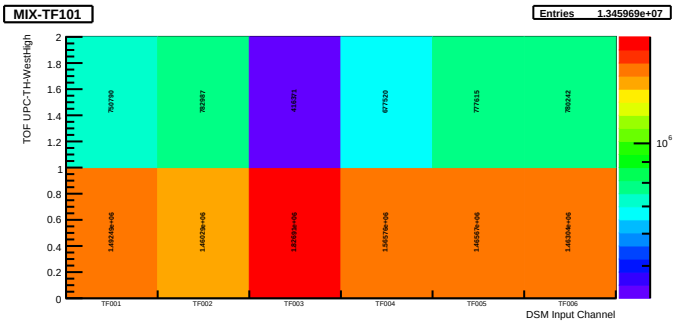

MIX-TF006
Entries 4.71089e+07
TOF MULT
TOF tray

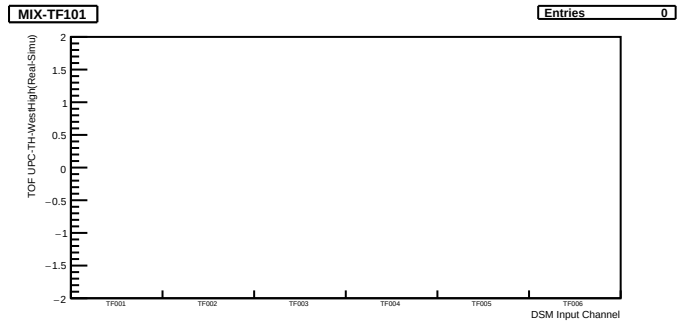

MIX-TF101
Entries 1.345969e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

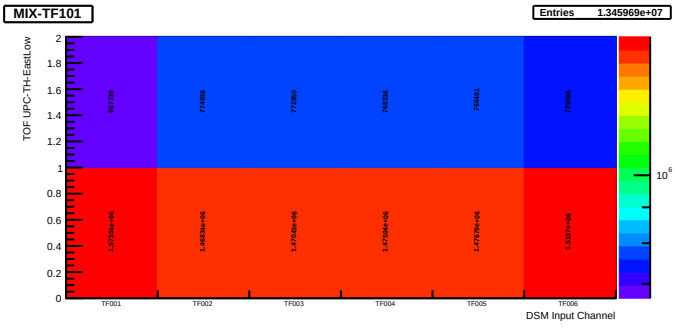

MIX-TF101
Entries 3096454
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

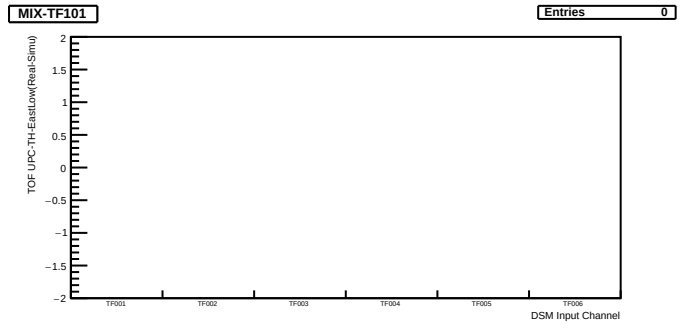

MIX-TF101
Entries 1.345969e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

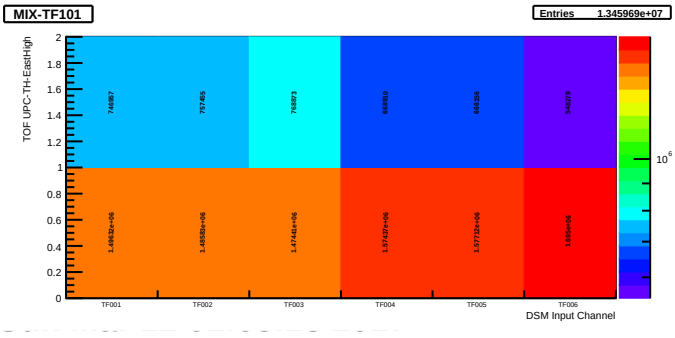

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

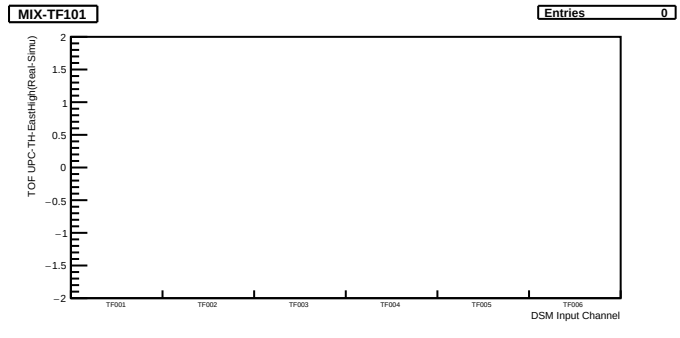

MIX-TF101
Entries 1.345969e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

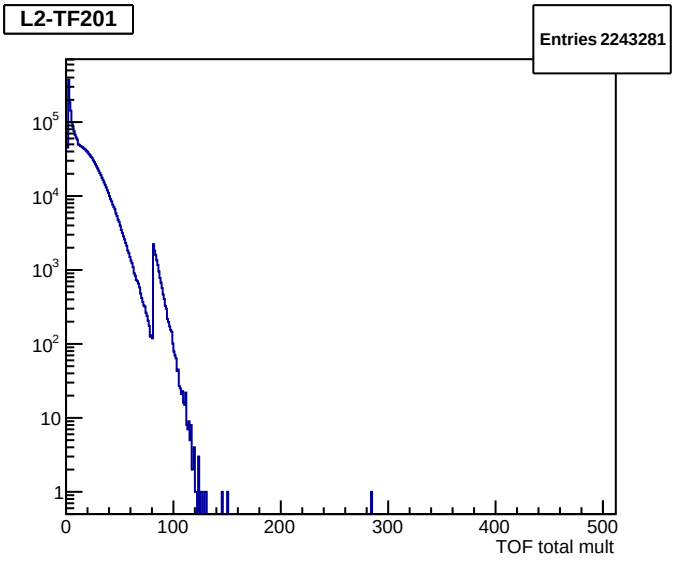

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

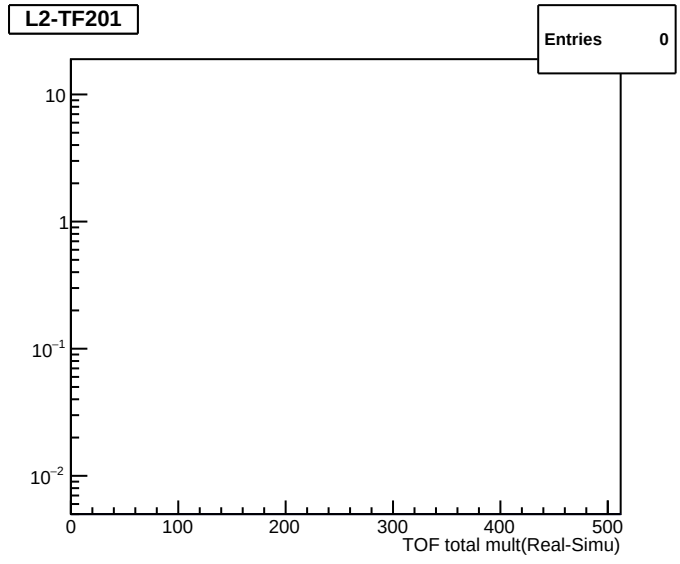

MIX-TF101
Entries 1.345969e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

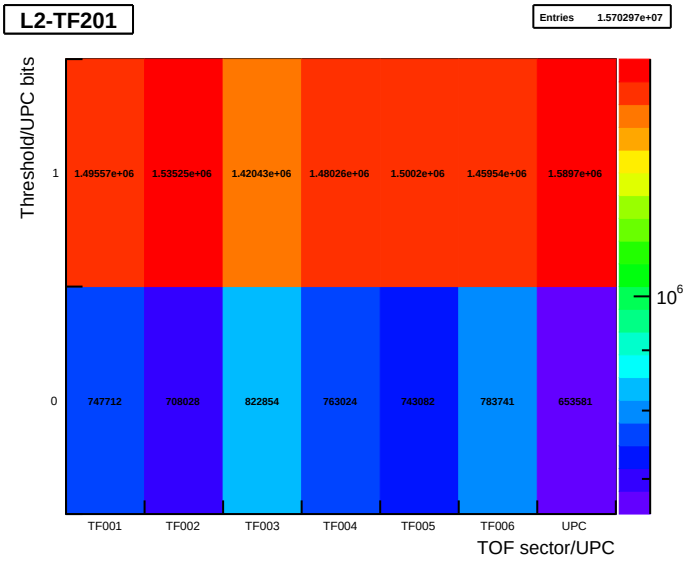

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

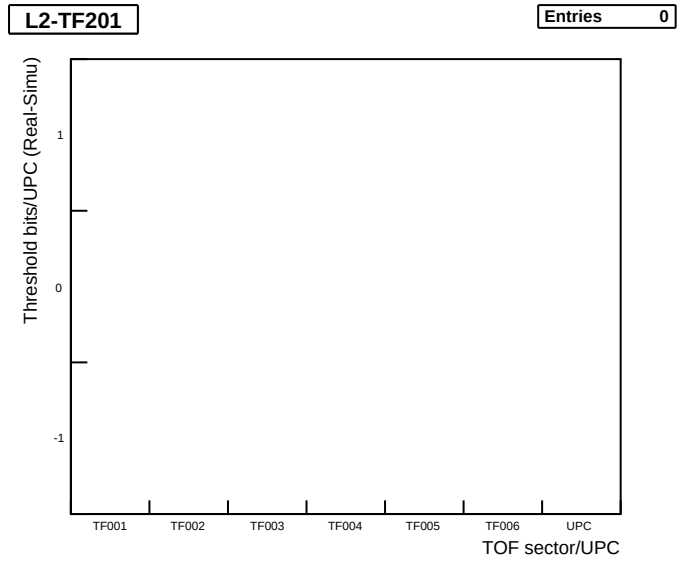

MIX-TF101
Entries 1.345969e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

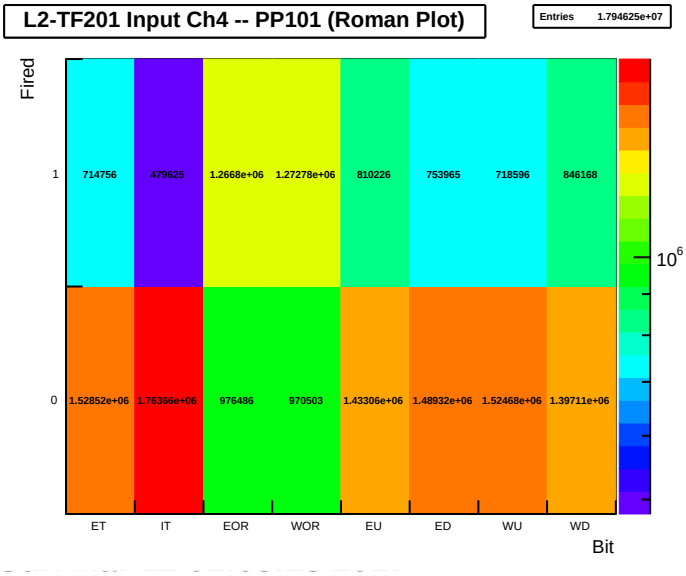

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

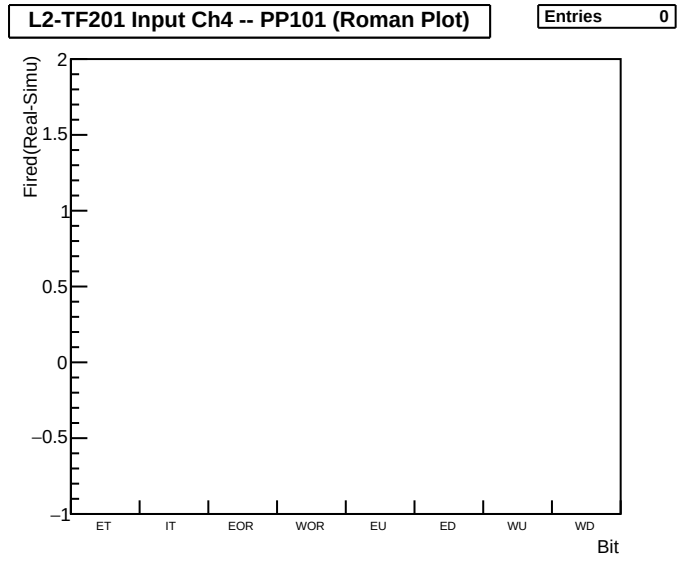

L2-TF201
Entries 2243281
TOF total mult

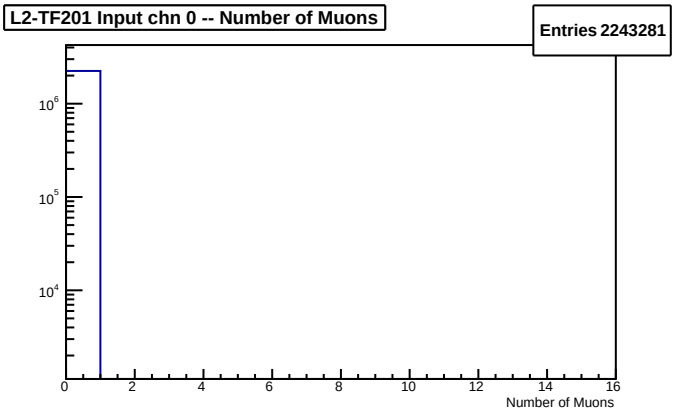

L2-TF201
Entries 0
TOF total mult(Real-Simu)

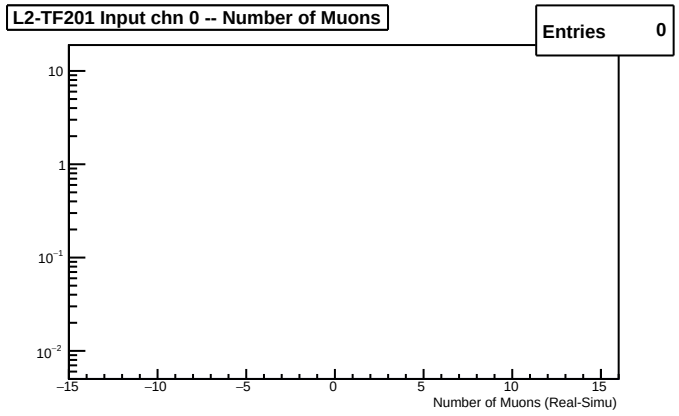

L2-TF201
Entries 1.570297e+07
Threshold/UPC bits
1.49557e+06
1.53525e+06
1.42043e+06
1.48026e+06
1.5002e+06
1.45954e+06
1.5897e+06
747712
708028
822854
763024
743082
783741
653581
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

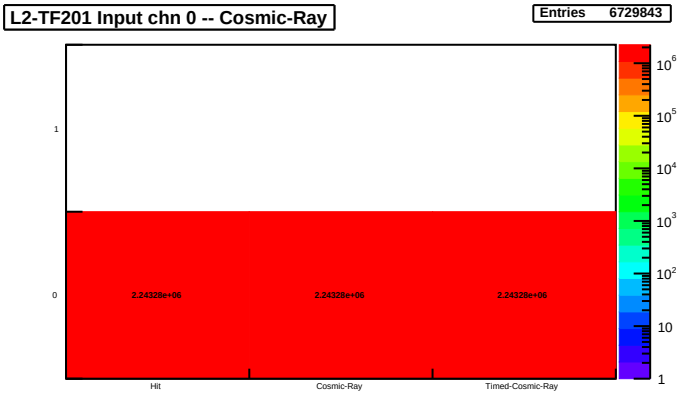

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

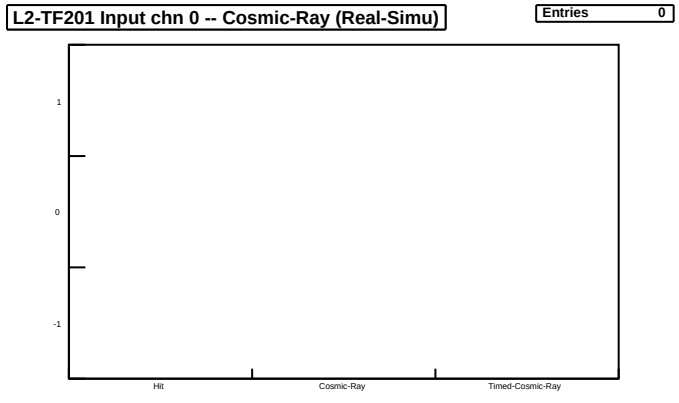

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.794625e+07
Fired
714756
479625
1.2668e+06
1.27278e+06
810226
753965
718596
846168
1.52852e+06
1.76366e+06
976486
970503
1.43306e+06
1.48932e+06
1.52468e+06
1.39711e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

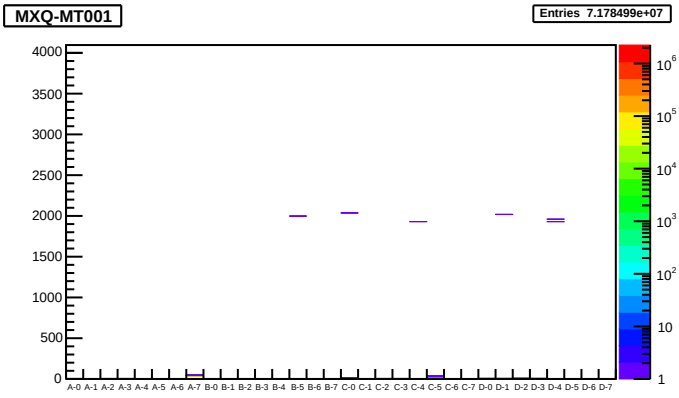

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

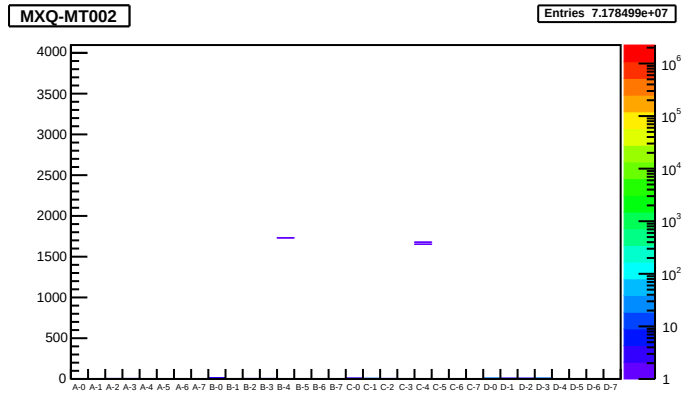

L2-TF201 Input chn 0 -- Number of Muons
Entries 2243281
Number of Muons

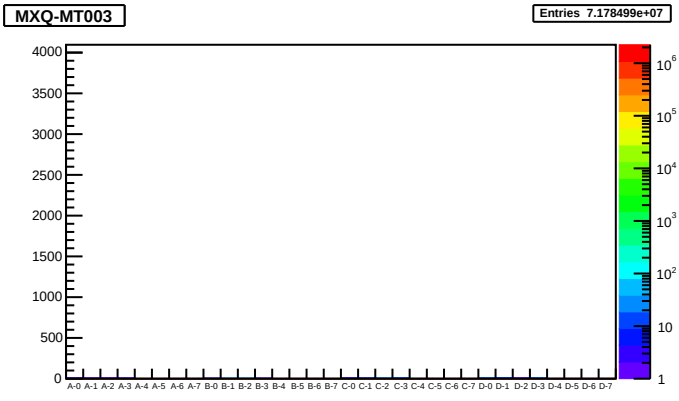

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

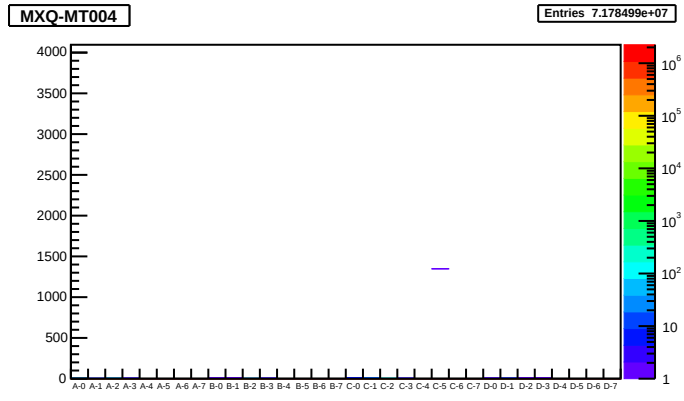

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6729843
2.24328e+06
2.24328e+06
2.24328e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

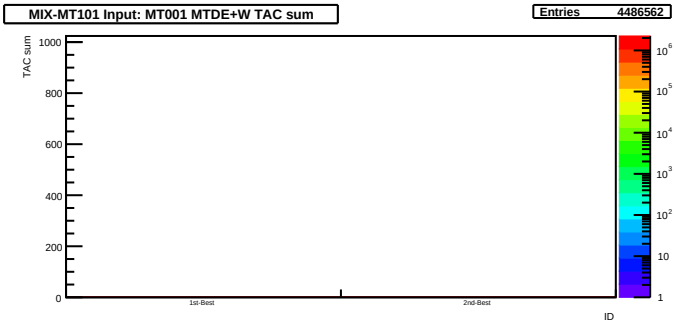

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

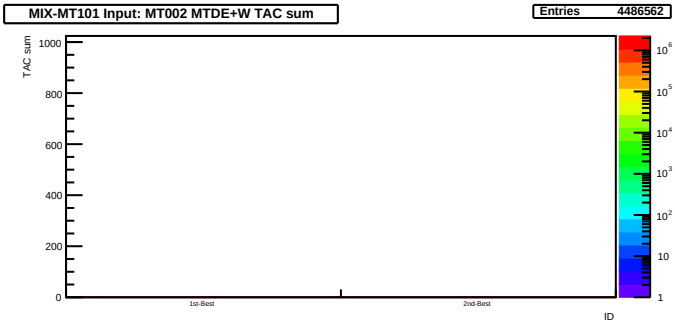

MXQ-MT001
Entries 7.178499e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

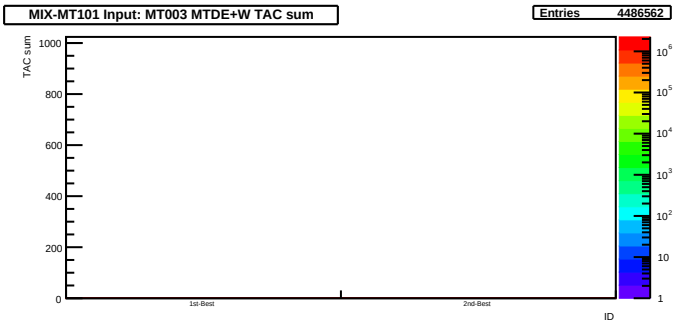

MXQ-MT002
Entries 7.178499e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

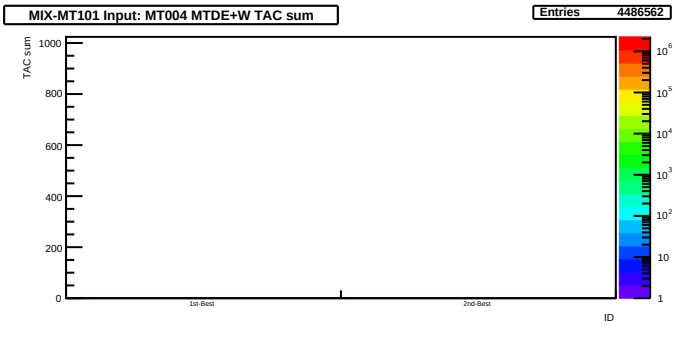

MXQ-MT003
Entries 7.178499e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

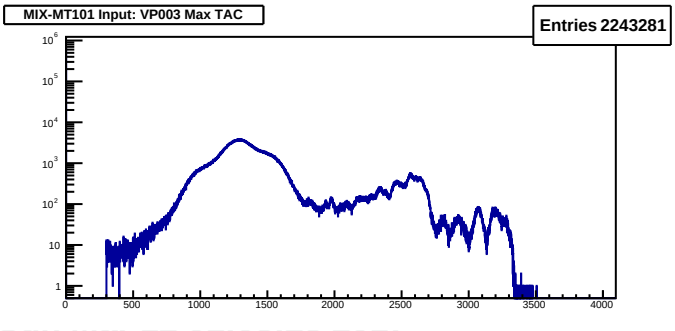

MXQ-MT004
Entries 7.178499e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

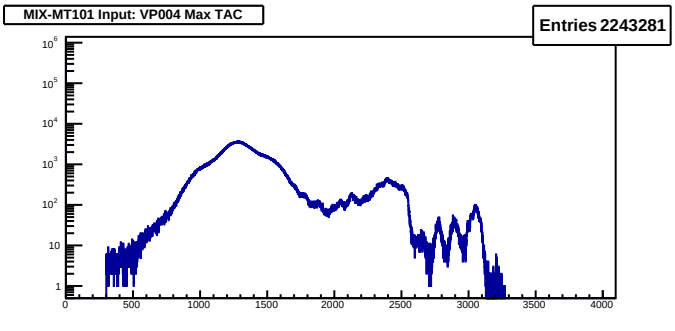

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4486562
TAC sum
1st-Best
2nd-Best
ID

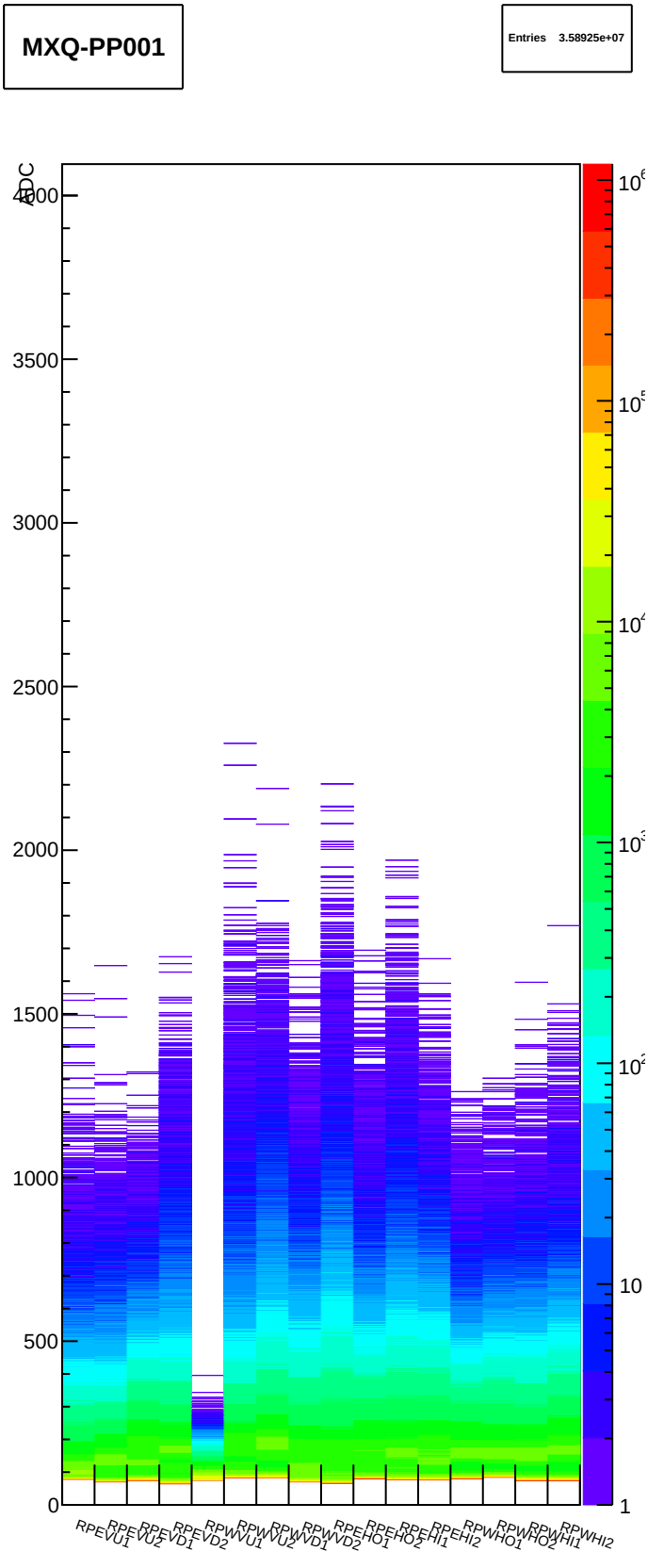

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4486562
TAC sum
1st-Best
2nd-Best
ID

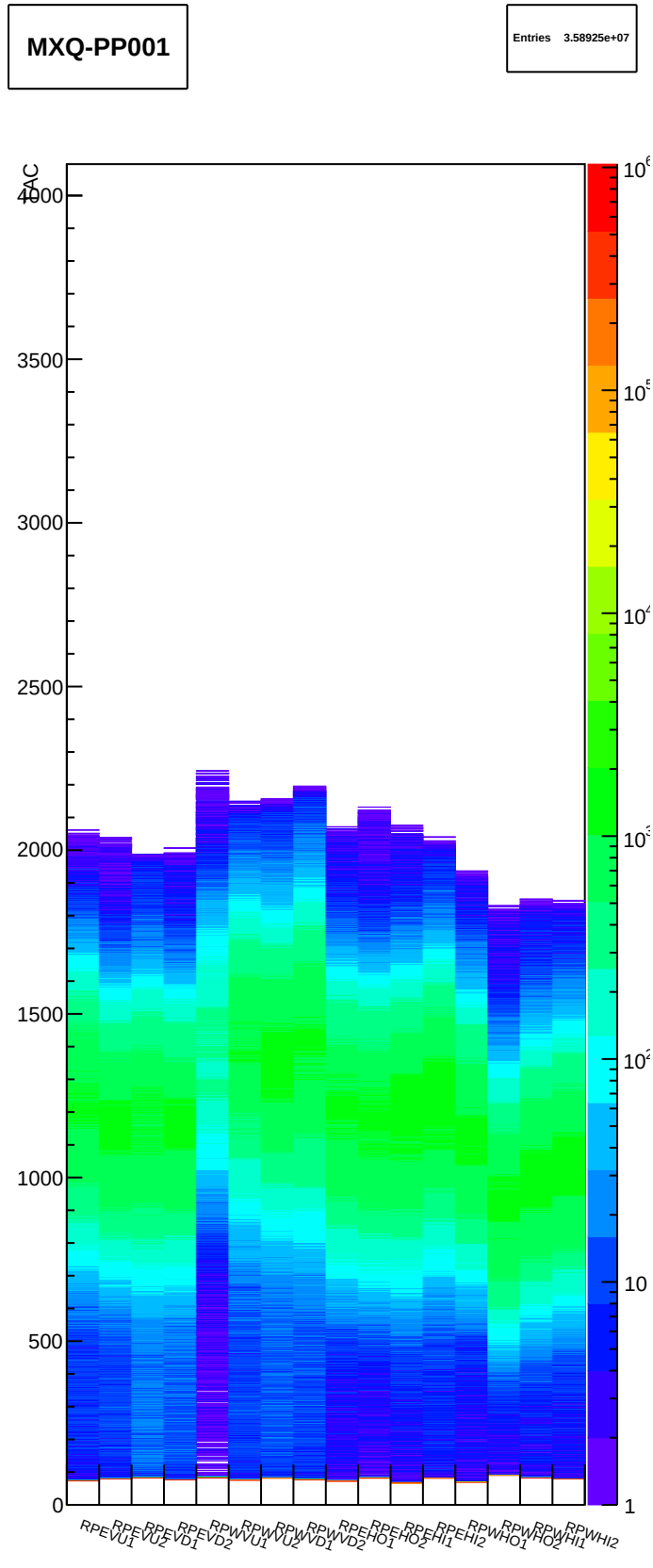

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4486562
TAC sum
1st-Best
2nd-Best
ID

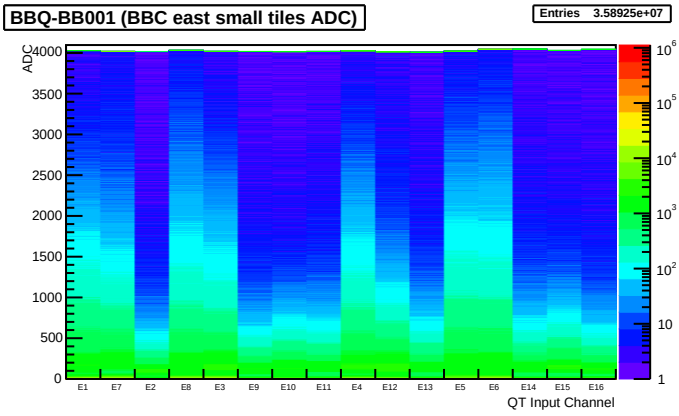

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4486562
TAC sum
1st-Best
2nd-Best
ID

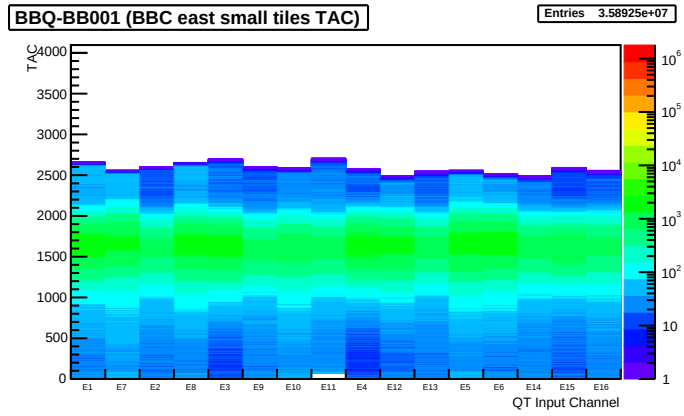

MIX-MT101 Input: VP003 Max TAC
Entries 2243281

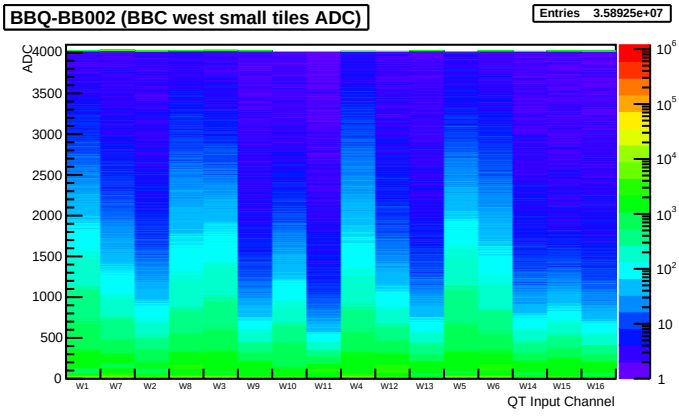

MIX-MT101 Input: VP004 Max TAC
Entries 2243281

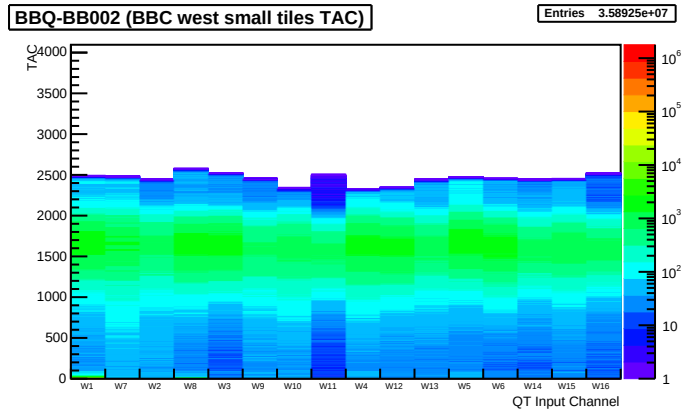

MXQ-PP001
Entries 3.58925e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

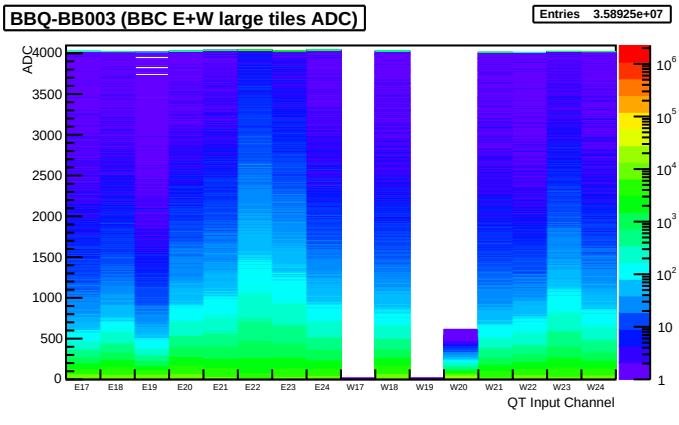

MXQ-PP001
Entries 3.58925e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

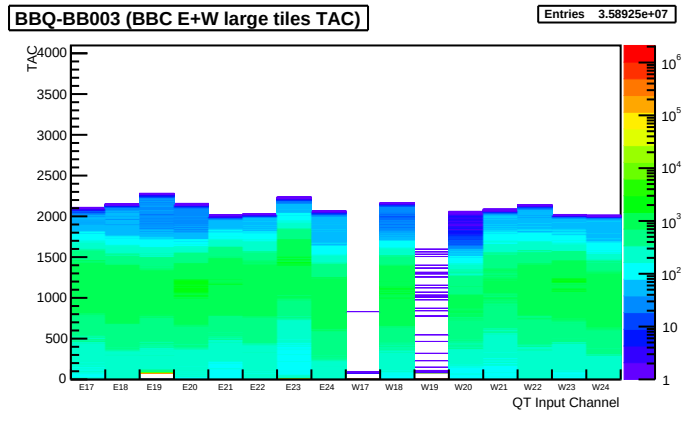

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.58925e+07
ADC
QT Input Channel

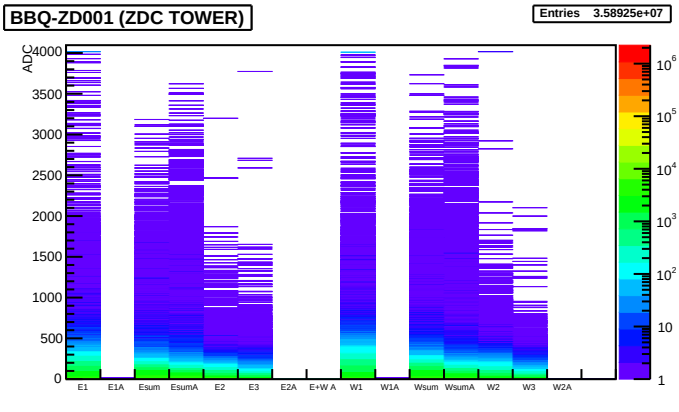

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.58925e+07
TAC
QT Input Channel

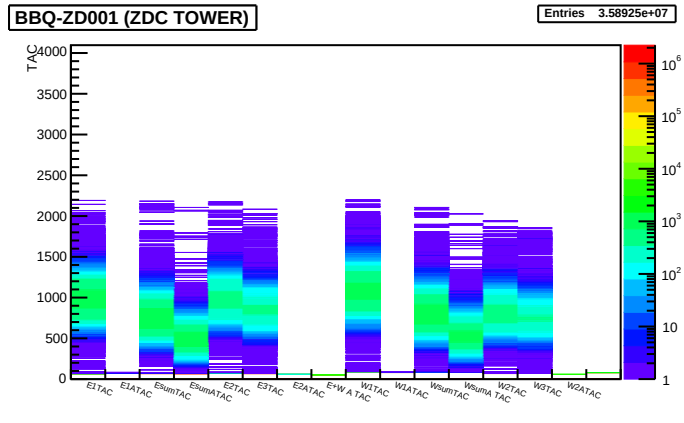

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.58925e+07
ADC
QT Input Channel

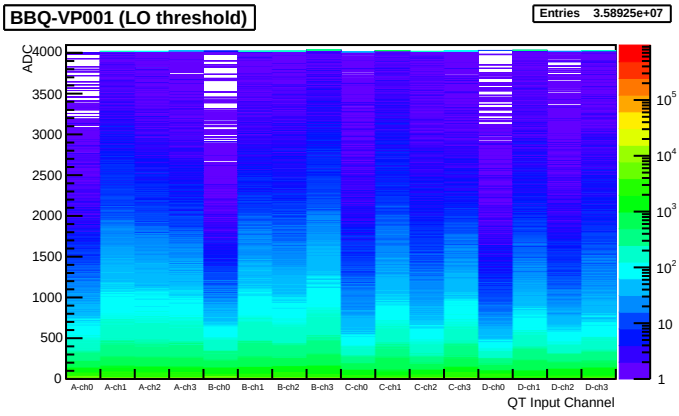

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.58925e+07
TAC
QT Input Channel

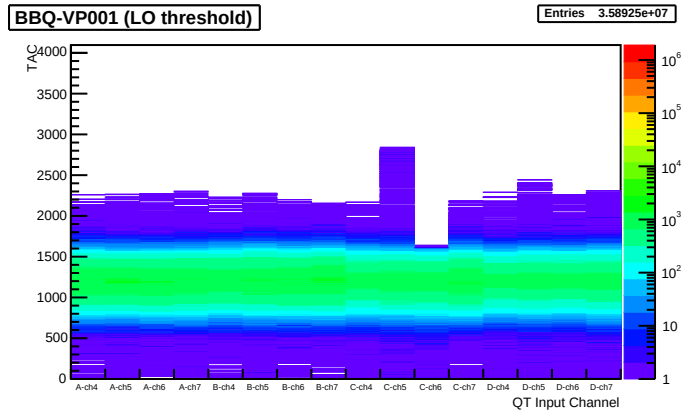

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.58925e+07
ADC
QT Input Channel

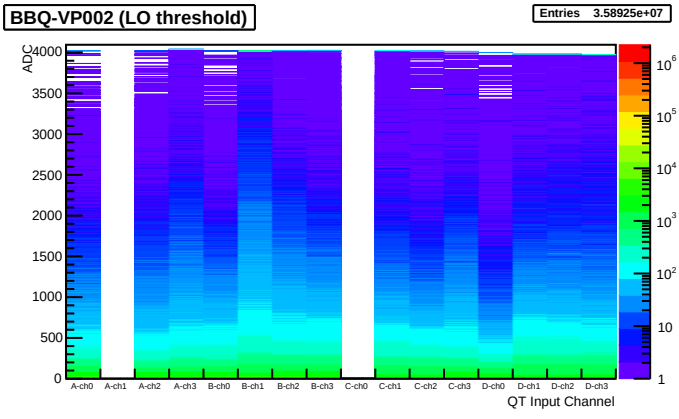

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.58925e+07
TAC
QT Input Channel

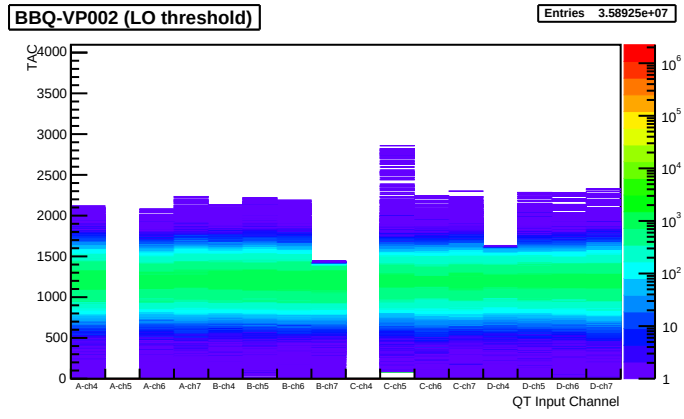

BBQ-ZD001 (ZDC TOWER)
Entries 3.58925e+07
ADC

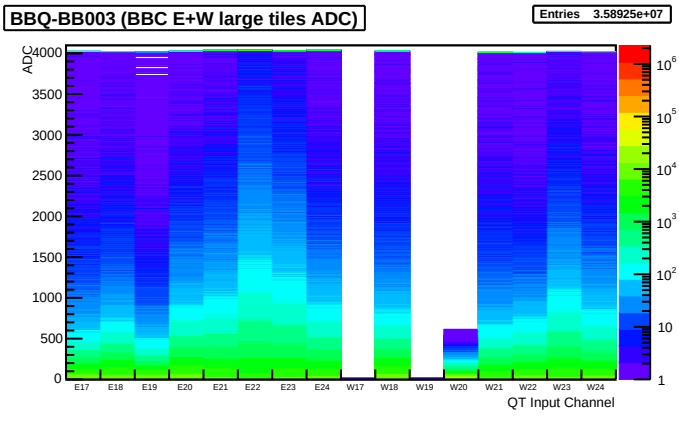

BBQ-ZD001 (ZDC TOWER)
Entries 3.58925e+07
TAC

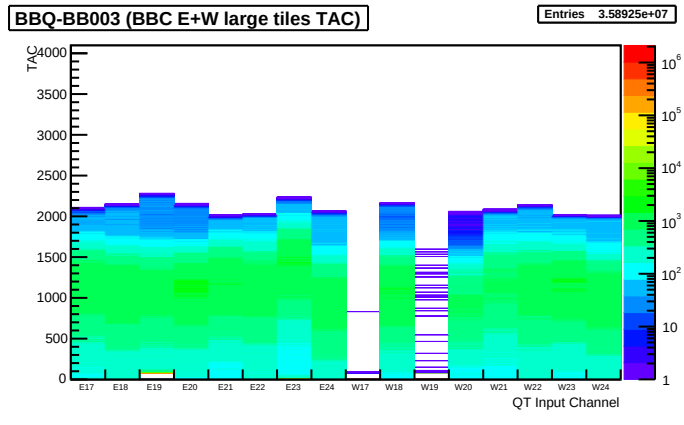

BBQ-VP001 (LO threshold)
Entries 3.58925e+07
ADC
QT Input Channel

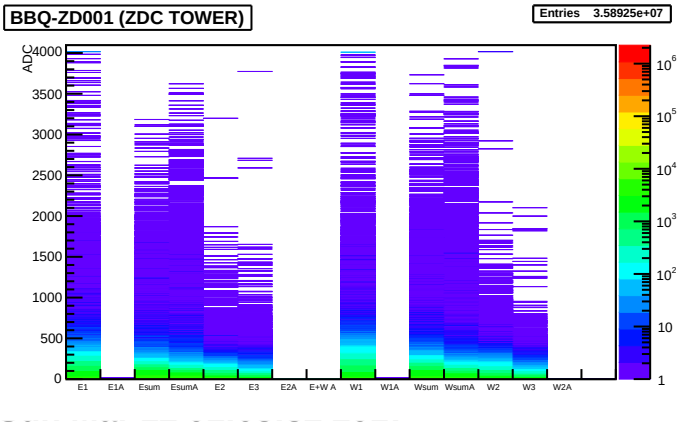

BBQ-VP001 (LO threshold)
Entries 3.58925e+07
TAC
QT Input Channel

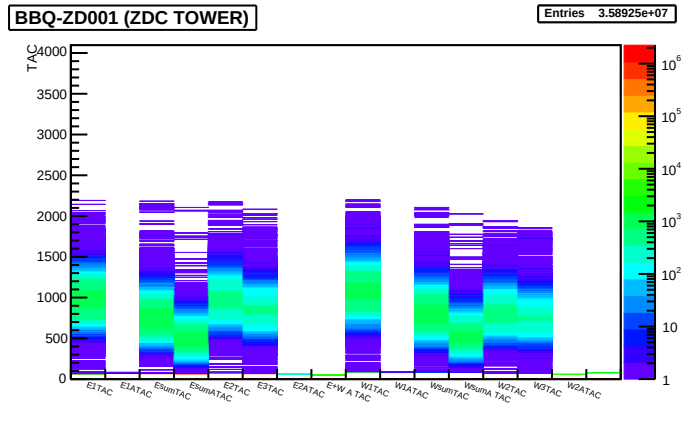

BBQ-VP002 (LO threshold)
Entries 3.58925e+07
ADC
QT Input Channel

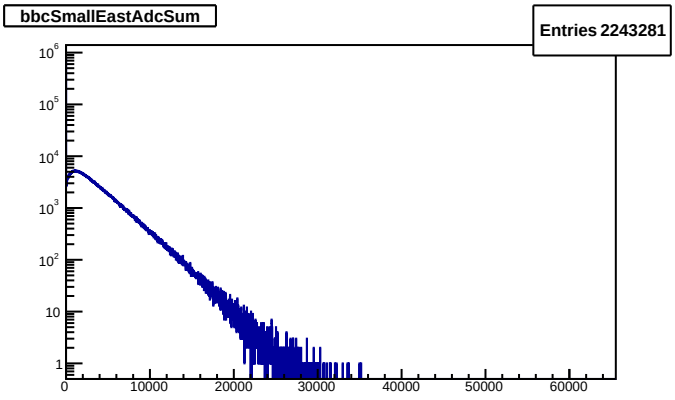

BBQ-VP002 (LO threshold)
Entries 3.58925e+07
TAC
QT Input Channel

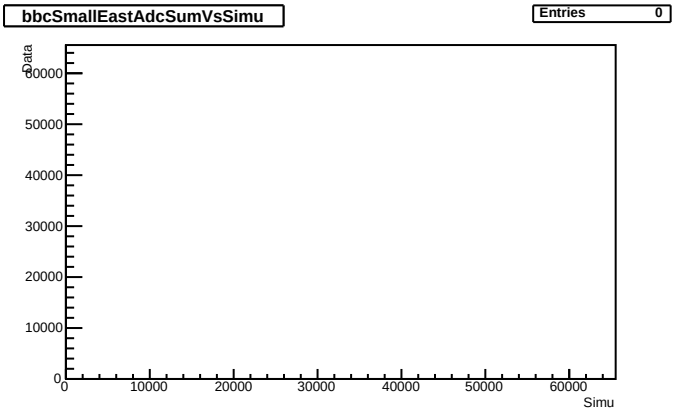

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.58925e+07
ADC
QT Input Channel

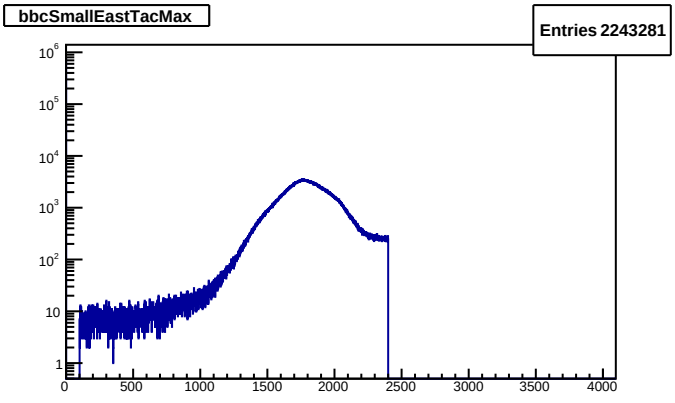

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.58925e+07
TAC
QT Input Channel

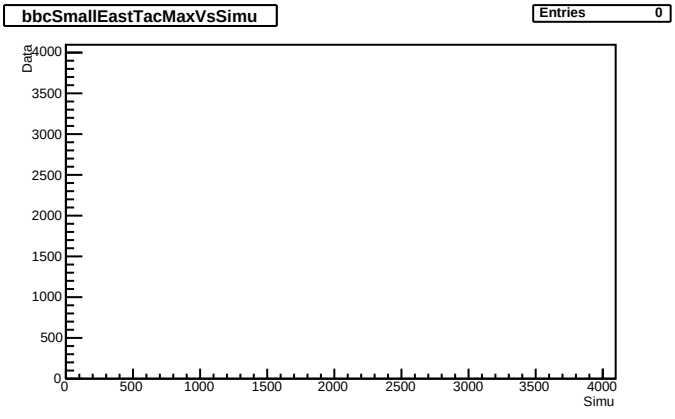

BBQ-ZD001 (ZDC TOWER)
Entries 3.58925e+07
ADC

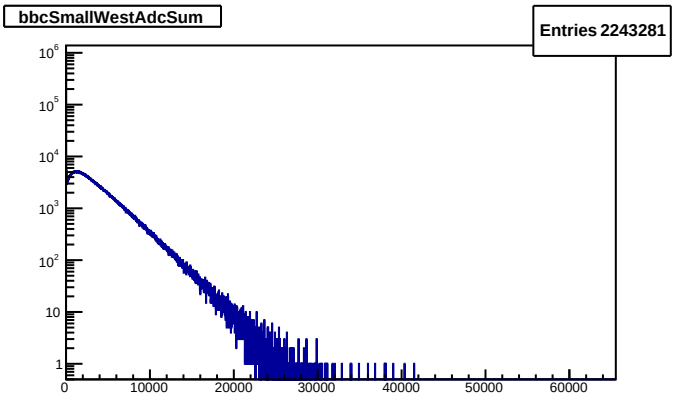

BBQ-ZD001 (ZDC TOWER)
Entries 3.58925e+07
TAC

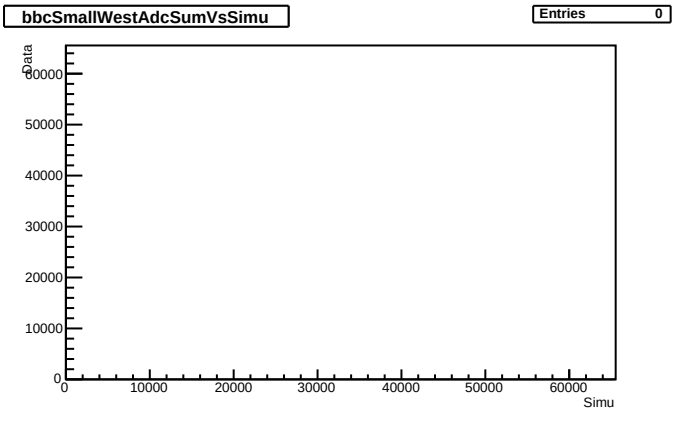

bbcSmallEastAdcSum
Entries 2243281

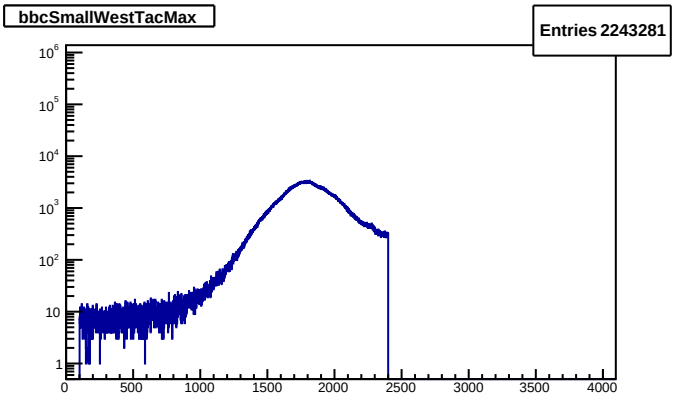

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

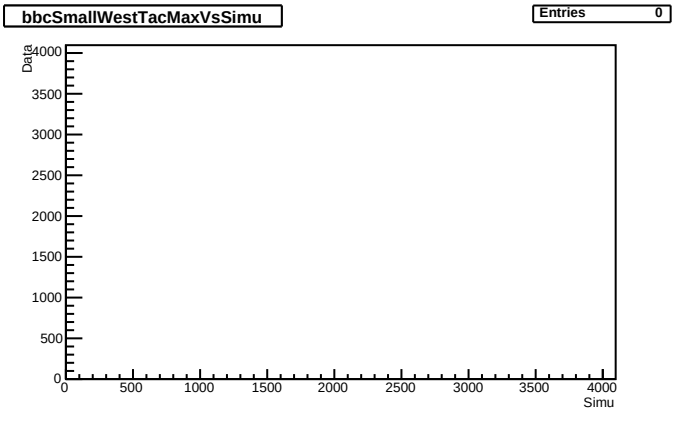

bbcSmallEastTacMax
Entries 2243281

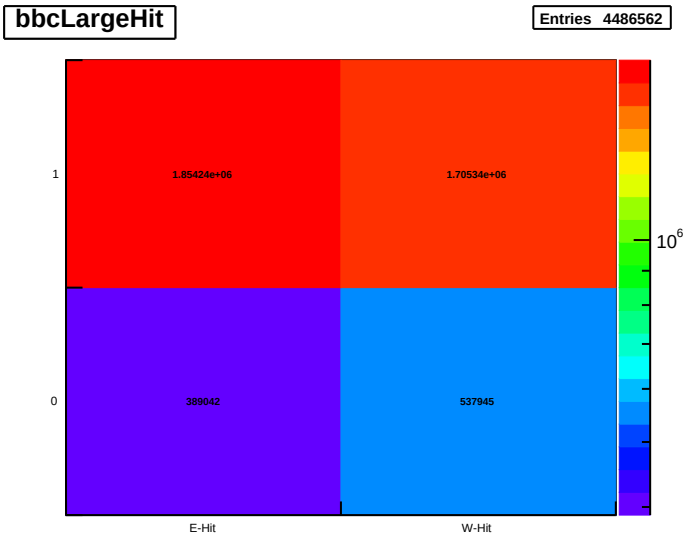

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

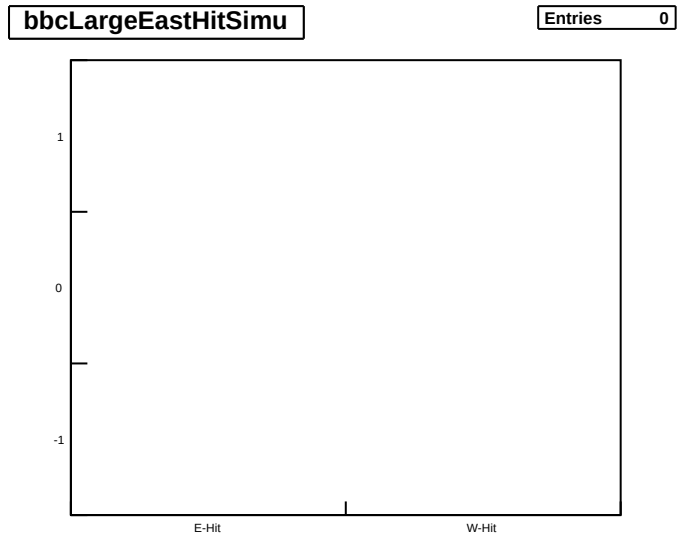

bbcSmallWestAdcSum
Entries 2243281

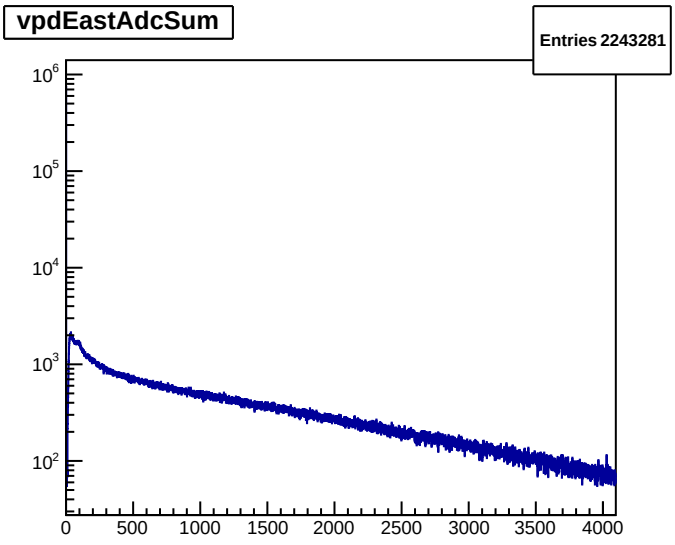

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

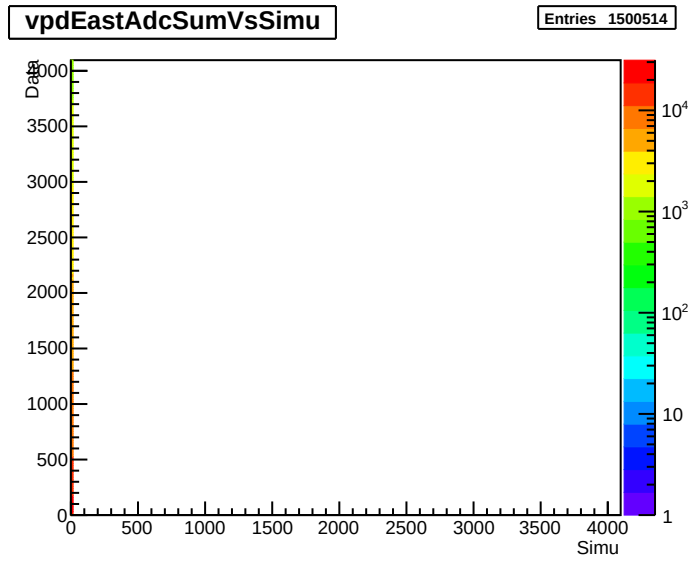

bbcSmallWestTacMax
Entries 2243281

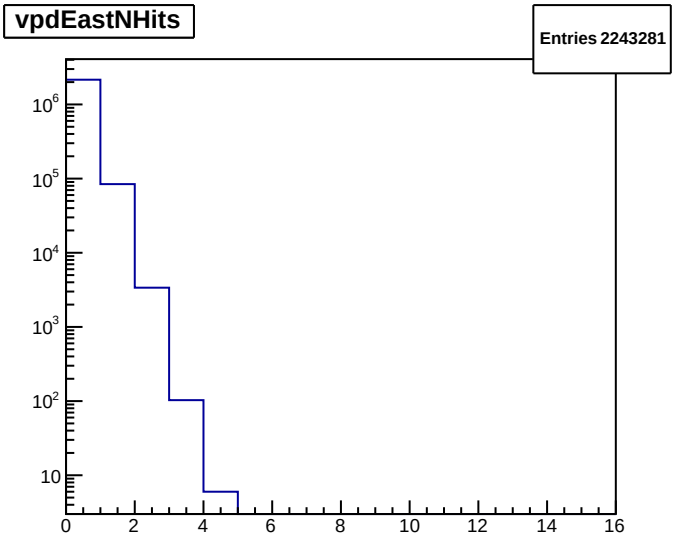

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

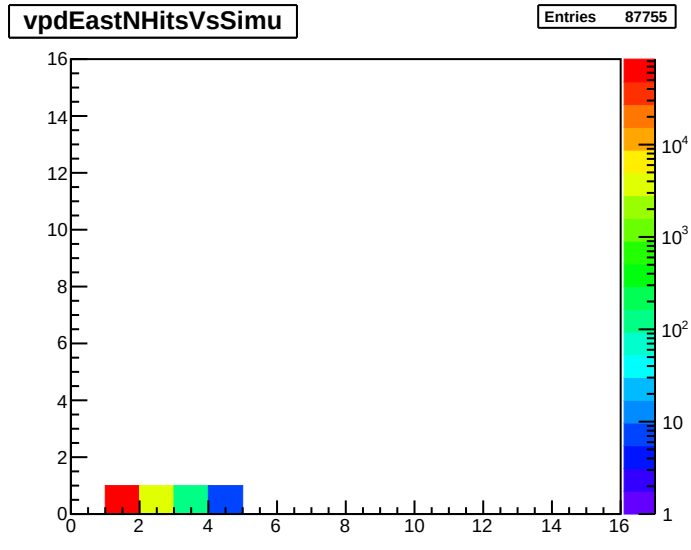

bbcLargeHit
Entries 4486562
1.85424e+06
1.70534e+06
389042
537945
1
0
E-Hit
W-Hit
10^6

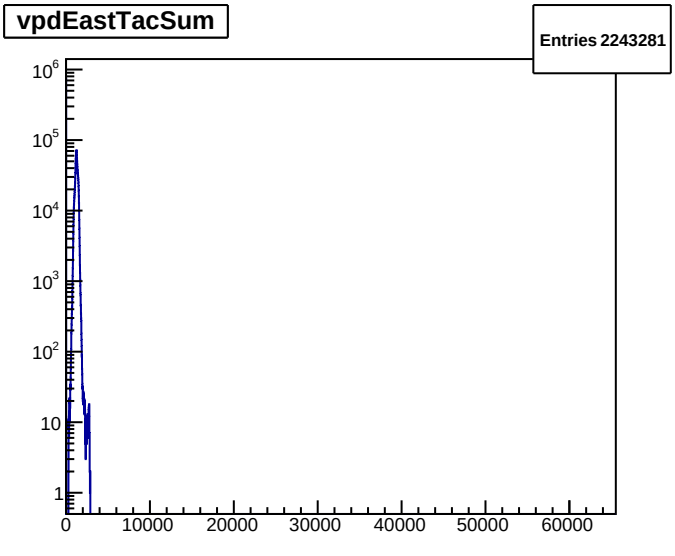

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

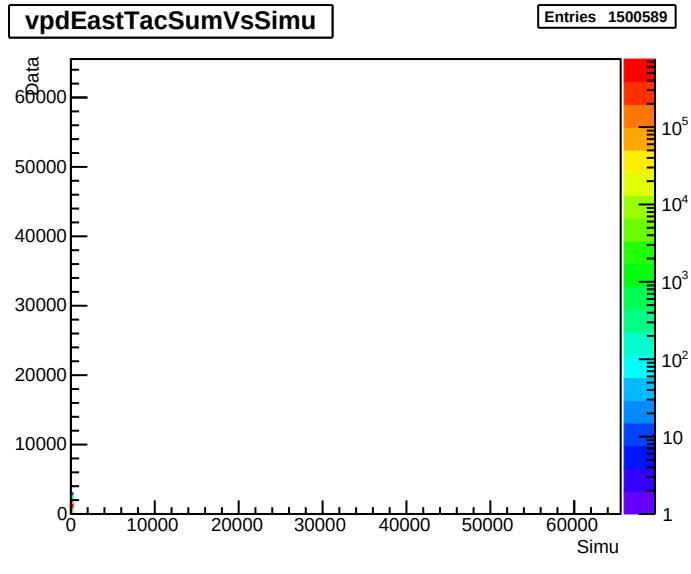

vpdEastAdcSum
Entries 2243281

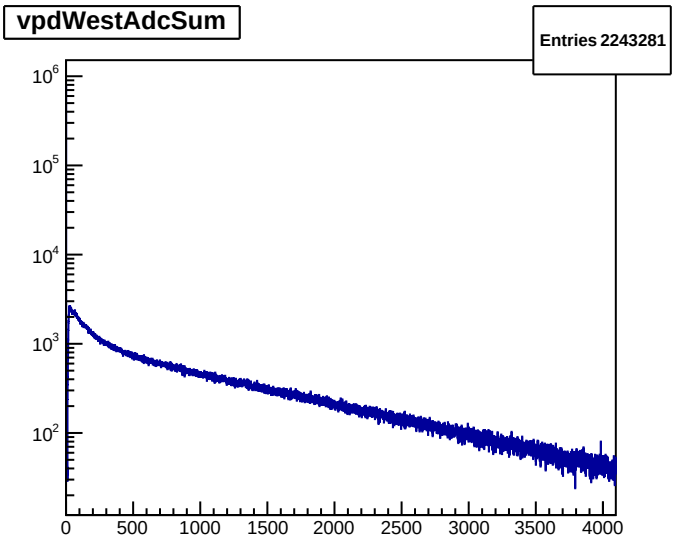

vpdEastAdcSumVsSimu
Entries 1500514
Data
Simu

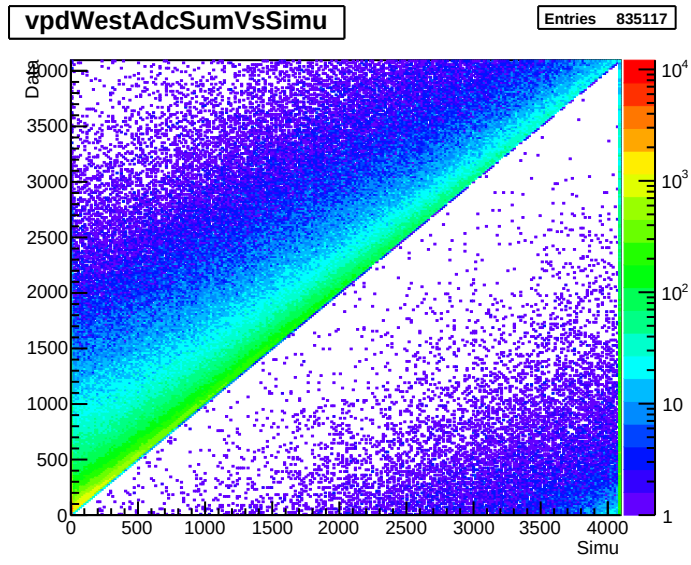

vpdEastNHits
Entries 2243281

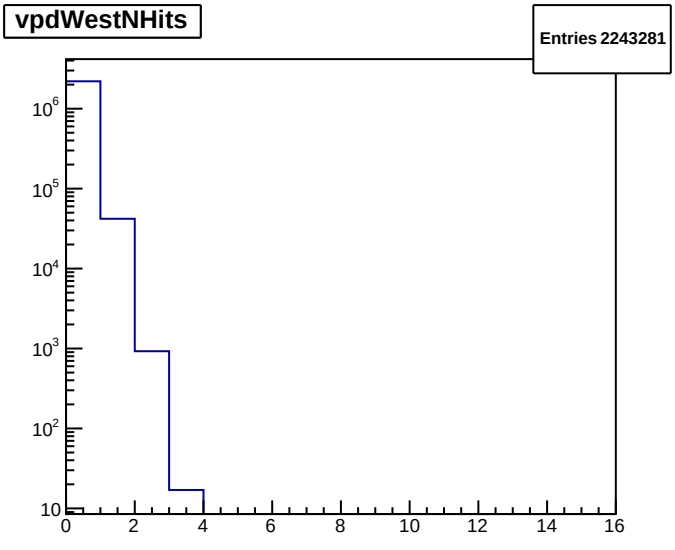

vpdEastNHitsVsSimu
Entries 87755

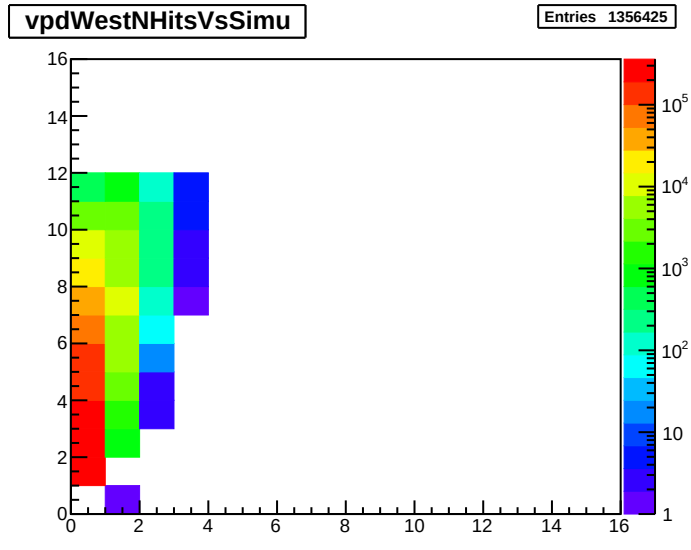

vpdEastTacSum
Entries 2243281

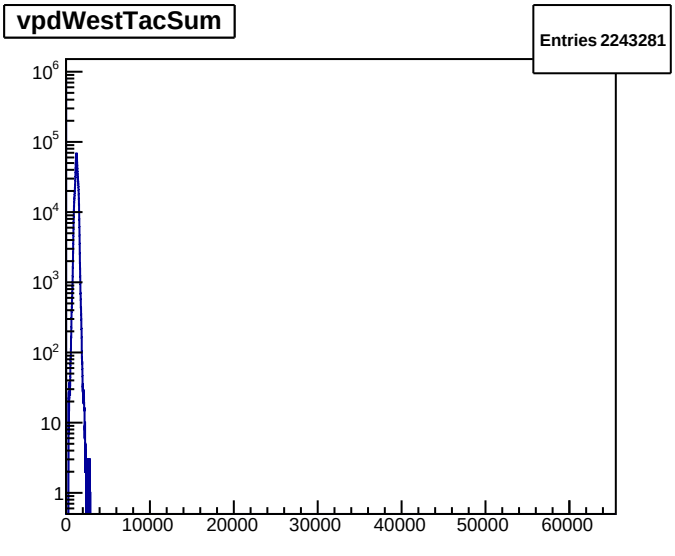

vpdEastTacSumVsSimu
Entries 1500589
Data
Simu

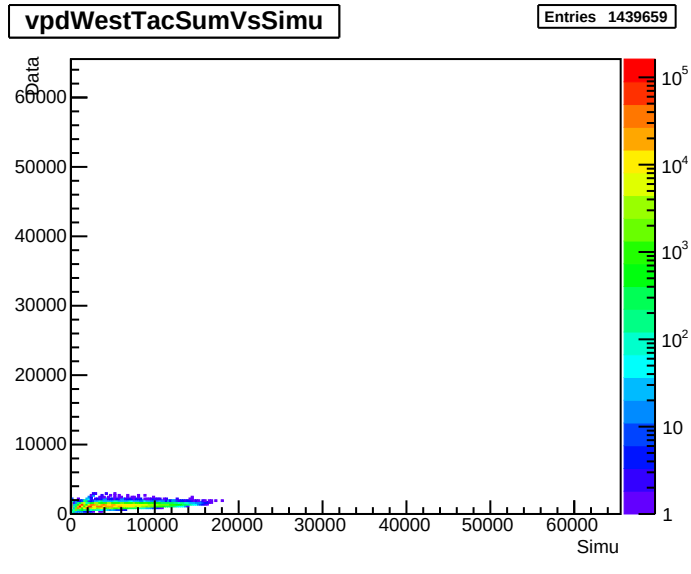

vpdWestAdcSum
Entries 2243281

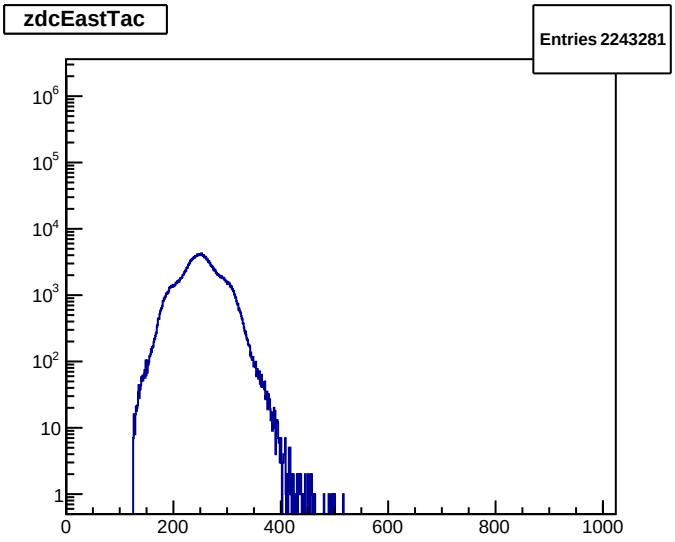

vpdWestAdcSumVsSimu
Entries 835117
Data
Simu

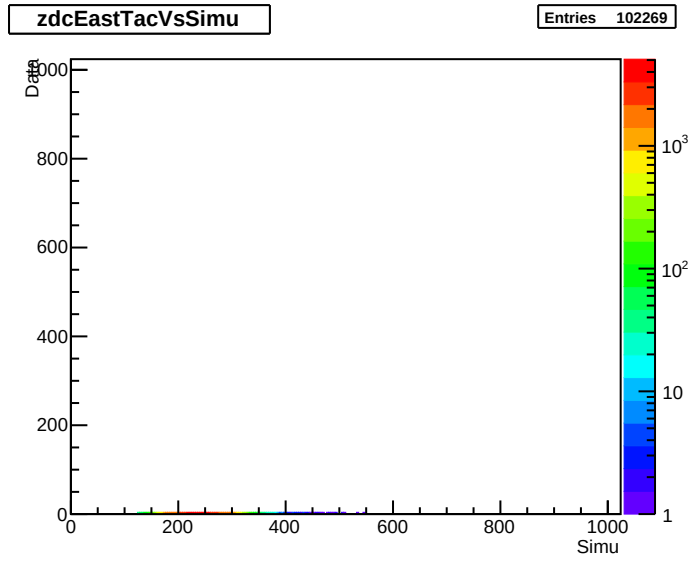

vpdWestNHits
Entries 2243281

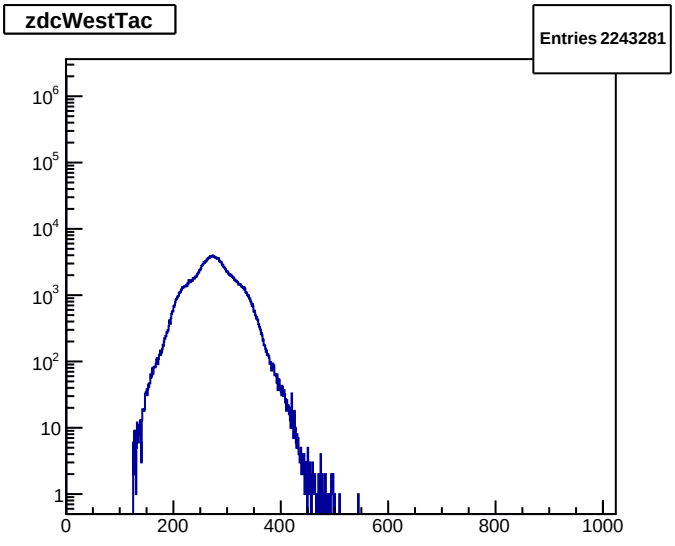

vpdWestNHitsVsSimu
Entries 1356425

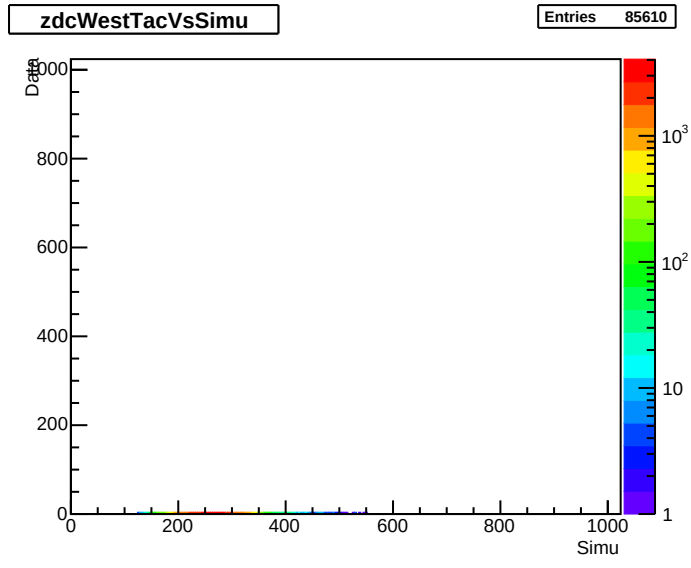

vpdWestTacSum
Entries 2243281

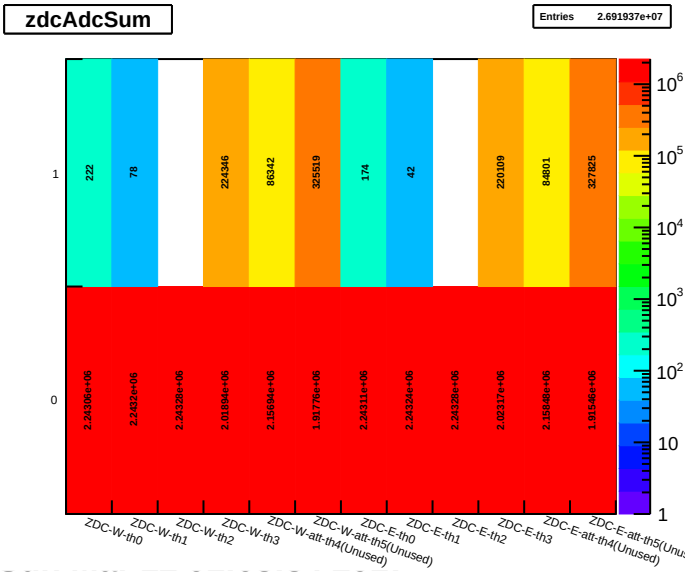

vpdWestTacSumVsSimu
Entries 1439659
Data
Simu

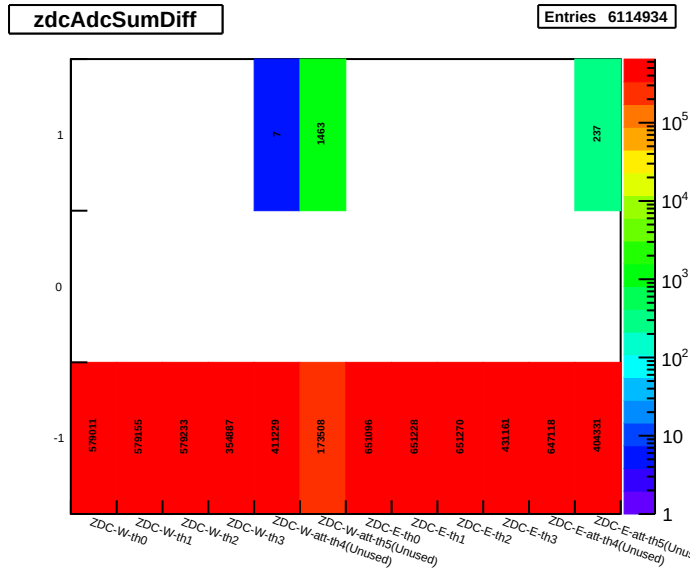

zdcEastTac
Entries 2243281

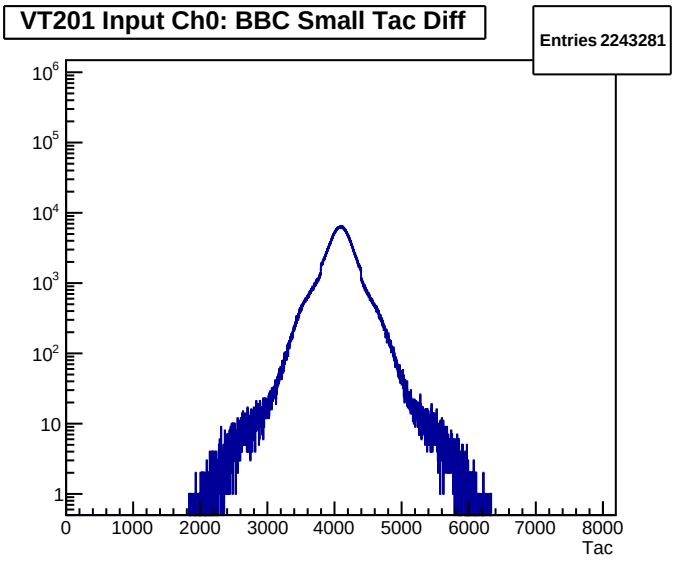

zdcEastTacVsSimu
Entries 102269
Data
Simu

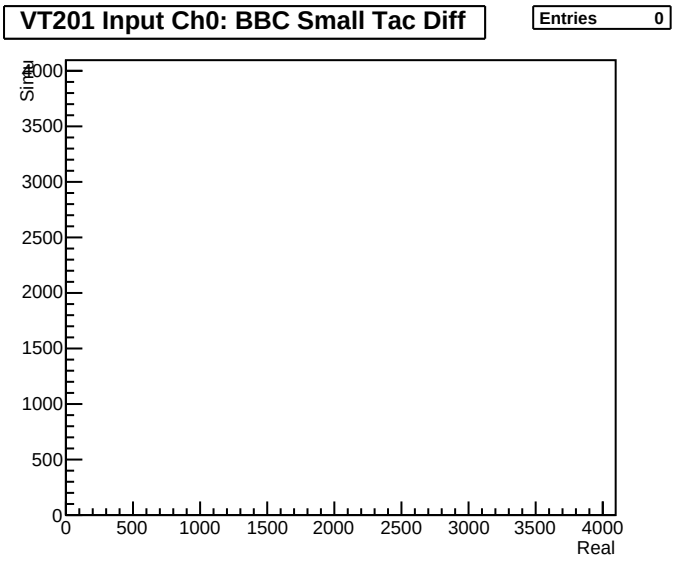

zdcWestTac
Entries 2243281

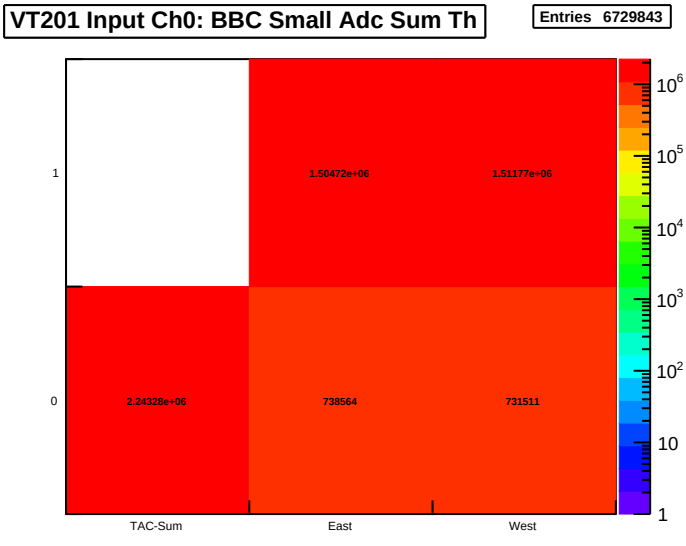

zdcWestTacVsSimu
Entries 85610
Data
Simu

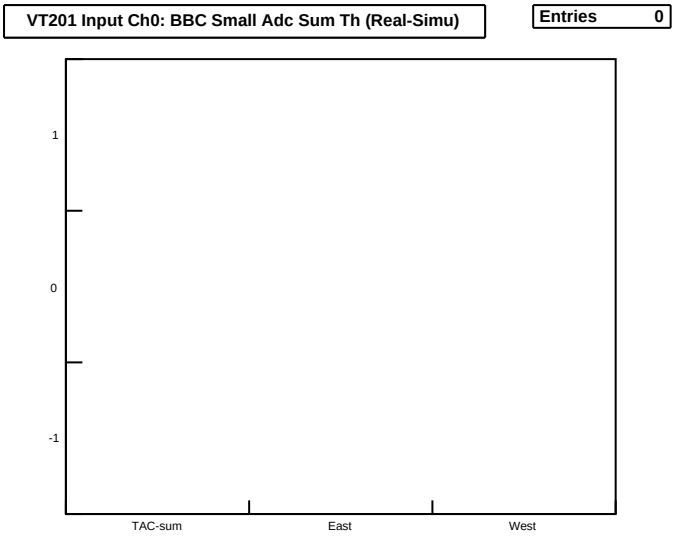

zdcAdcSum
Entries 2.691937e+07
222
78
224346
86342
325519
174
42
220109
84801
327825
2.24306e+06
2.2432e+06
2.24328e+06
2.01894e+06
2.15694e+06
1.91776e+06
2.24311e+06
2.24324e+06
2.24328e+06
2.02317e+06
2.15848e+06
1.91546e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

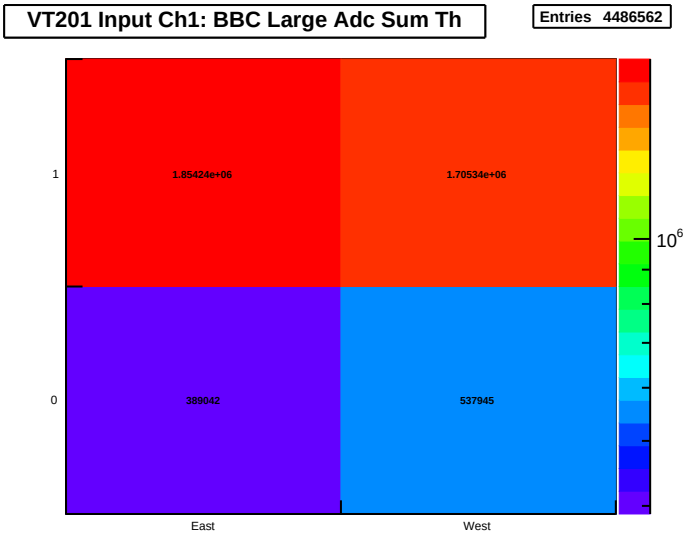

zdcAdcSumDiff
Entries 6114934
7
1463
237
579011
579155
579233
354887
411229
173508
651096
651228
651270
431161
647118
404331
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

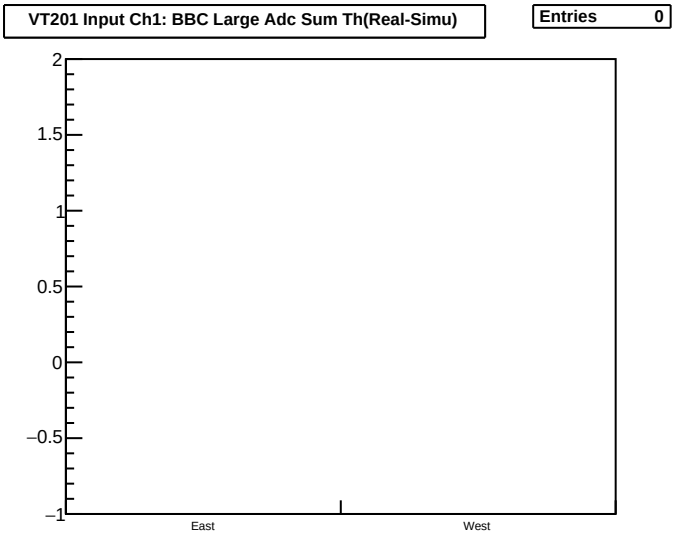

VT201 Input Ch0: BBC Small Tac Diff
Entries 2243281
Tac


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

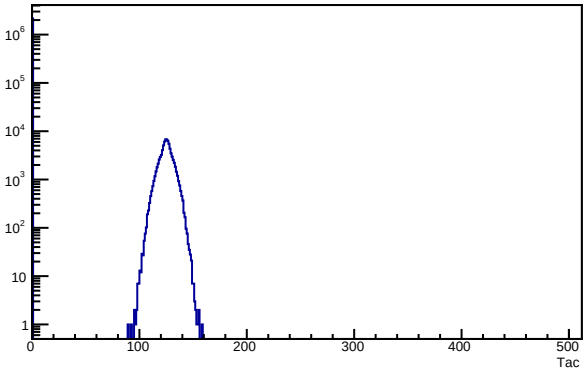

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6729843
1.50472e+06
1.51177e+06
2.24328e+06
738564
731511
TAC-Sum
East
West


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

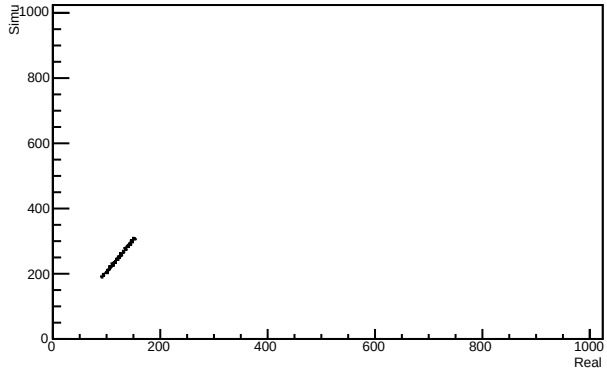

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4486562
1.85424e+06
1.70534e+06
389042
537945
East
West


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

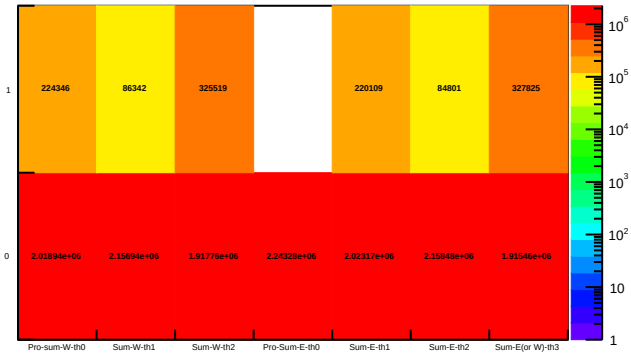
VT201 Input Ch2: ZDC Tac Diff



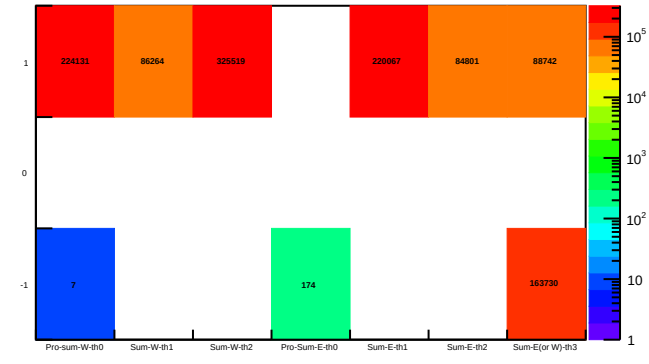
VT201 Input Ch2: ZDC Tac Diff



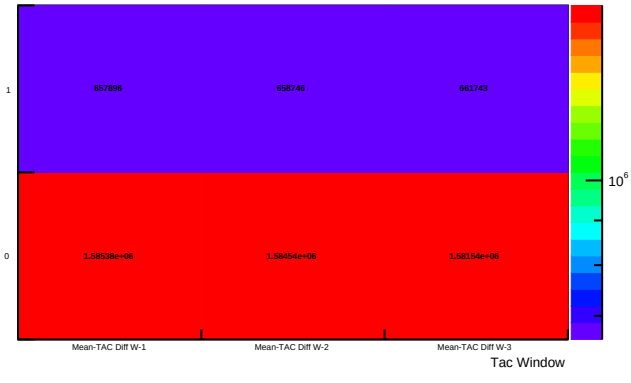
VT201 Input Ch2: ZDC Adc Sum Th



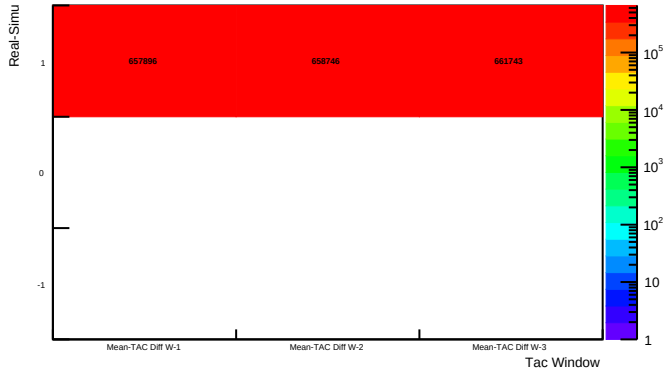
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



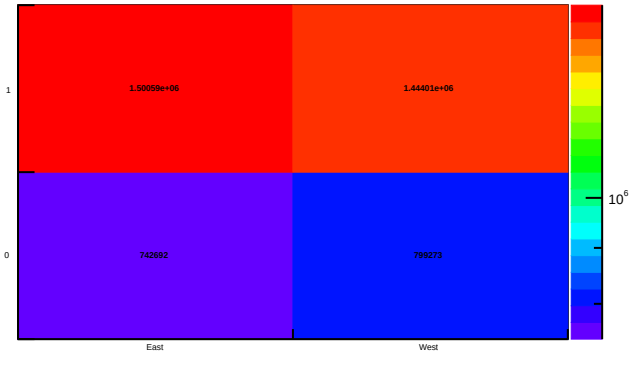
VT201 Input Ch4: VPD Tac Diff



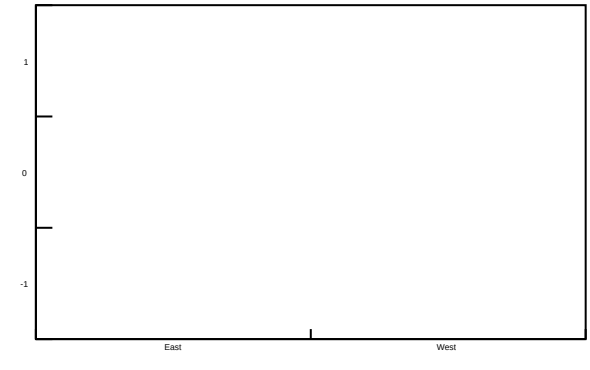
VT201 Input Ch4: VPD Tac Diff

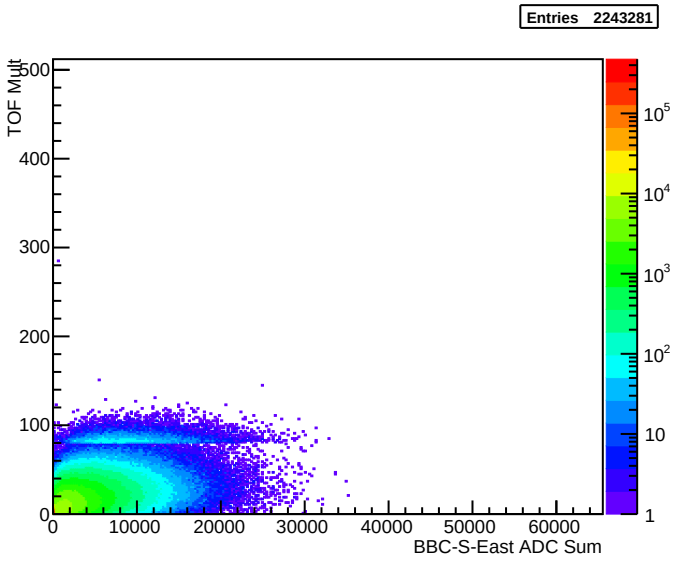


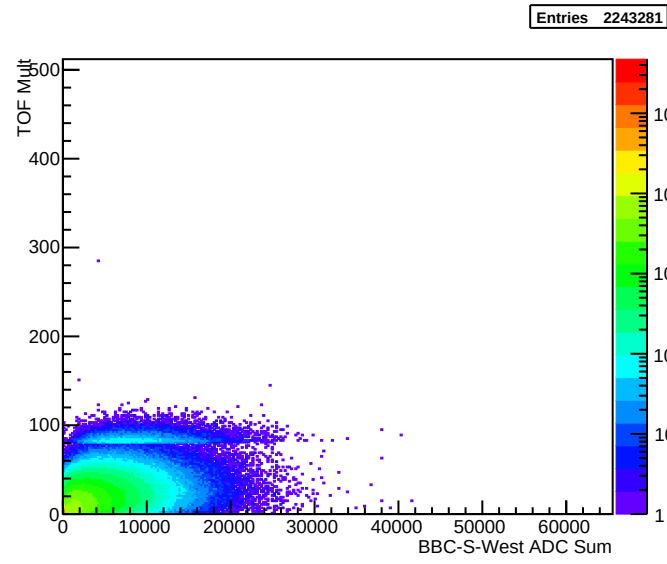
VT201 Input Ch4: VPD Adc Sum Th

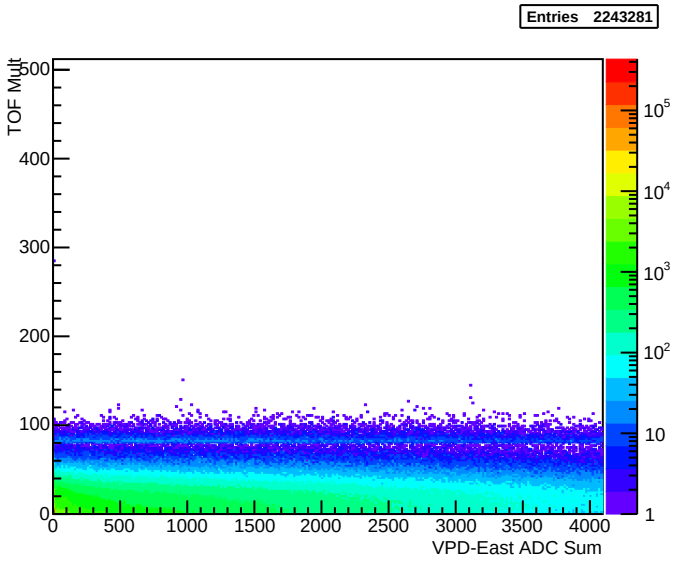


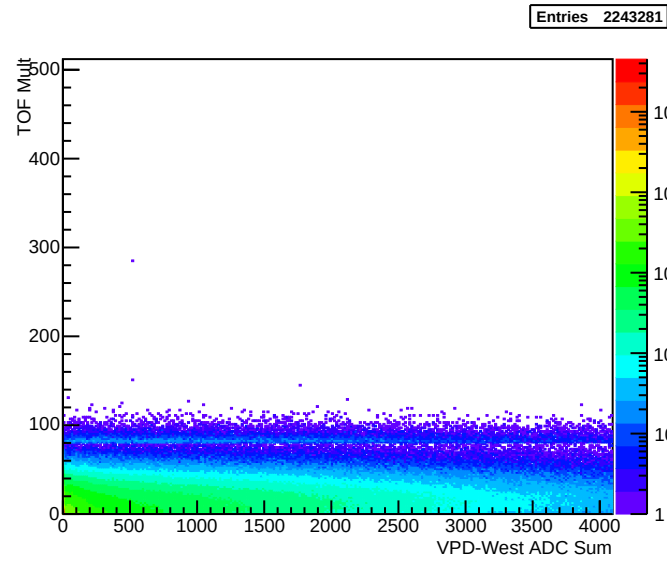
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

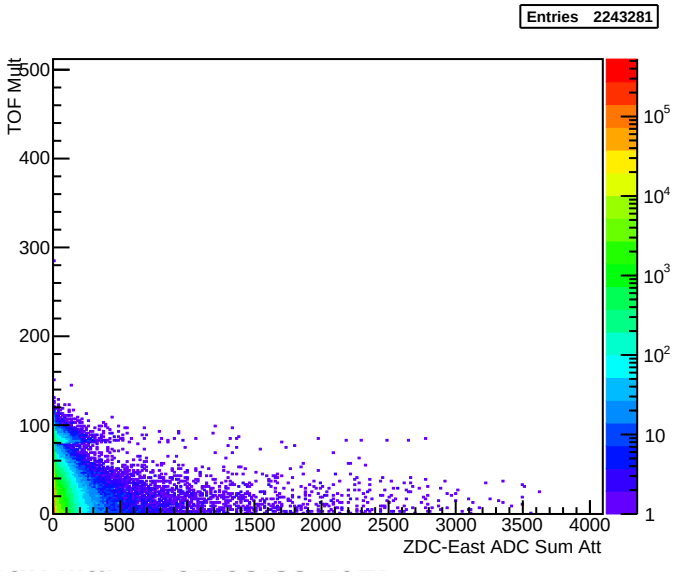


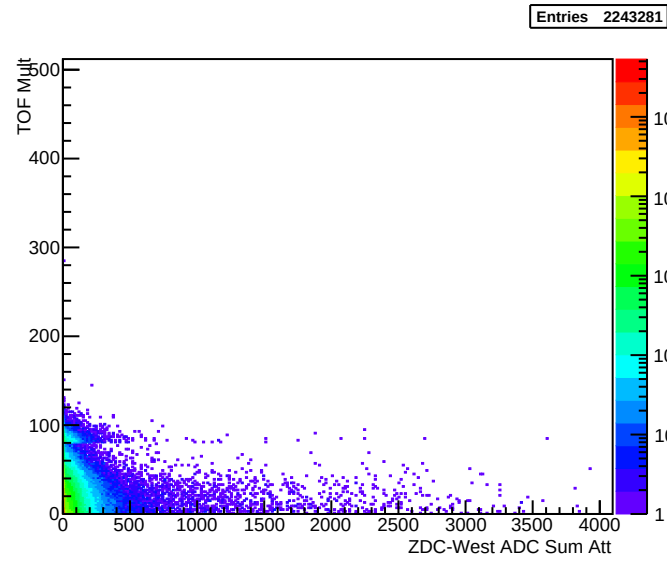

Entries 2243281
TOF Mult
BBC-S-East ADC Sum

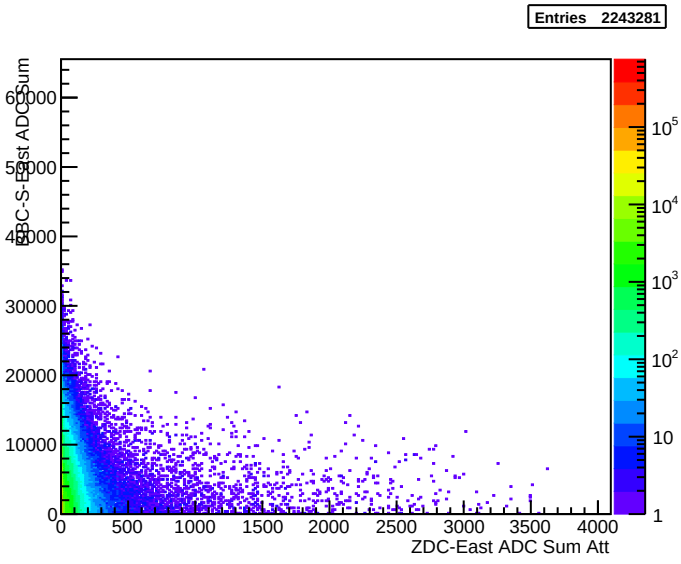

Entries 2243281
TOF Mult
BBC-S-West ADC Sum

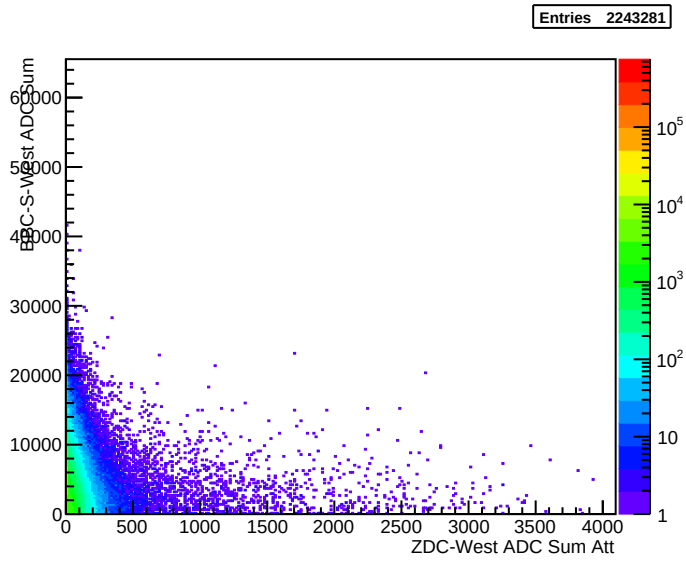

Entries 2243281
TOF Mult
VPD-East ADC Sum

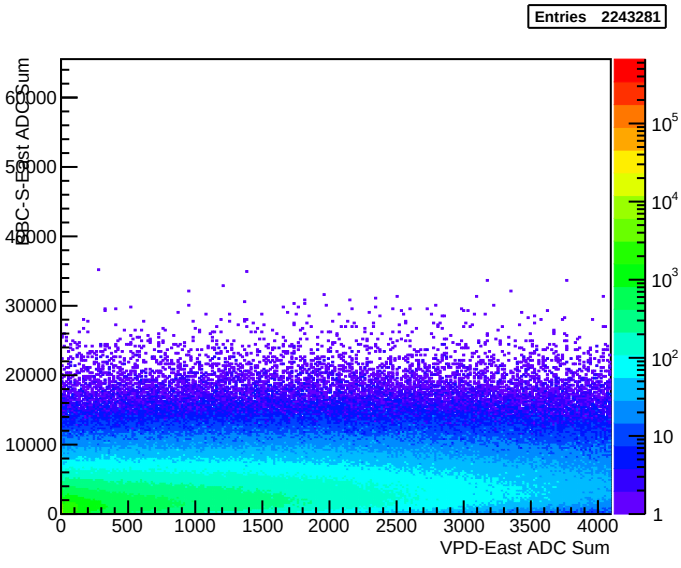

Entries 2243281
TOF Mult
VPD-West ADC Sum

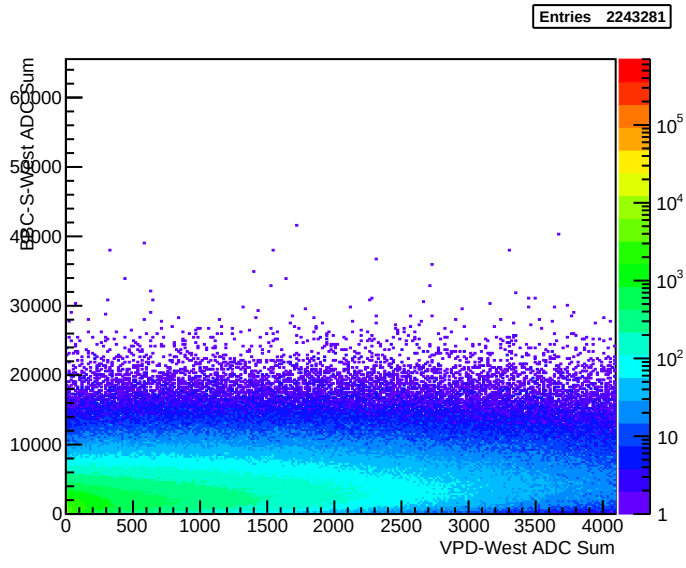

Entries 2243281
TOF Mult
ZDC-East ADC Sum Att

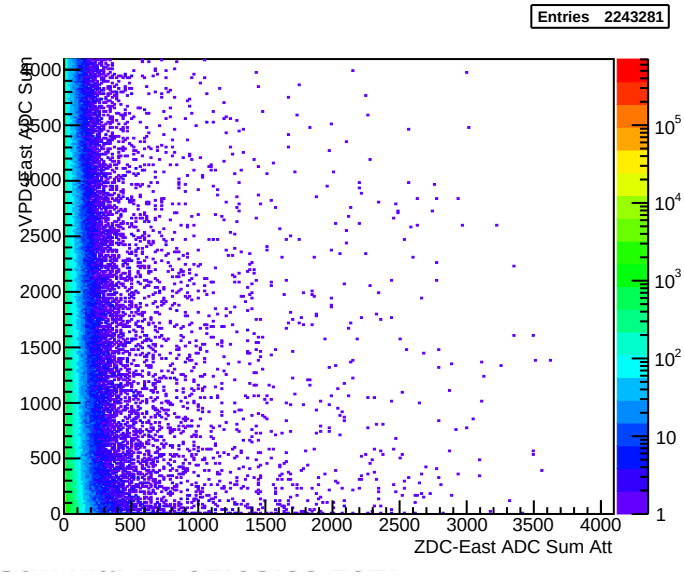

Entries 2243281
TOF Mult
ZDC-West ADC Sum Att

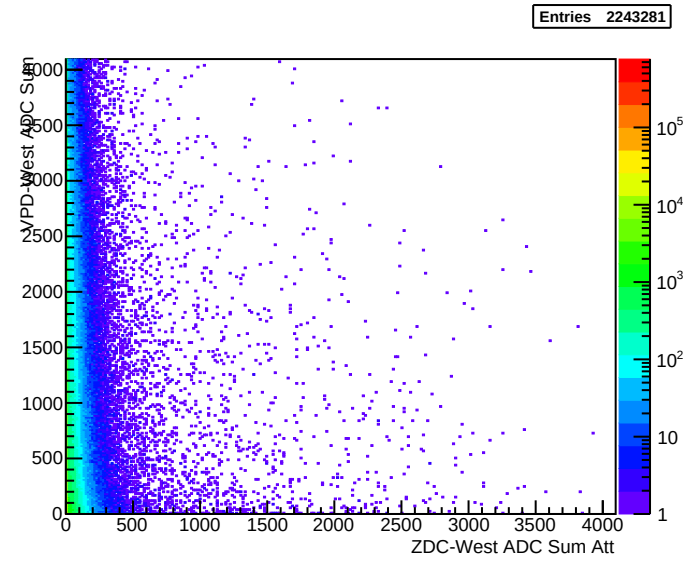

Entries 2243281
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

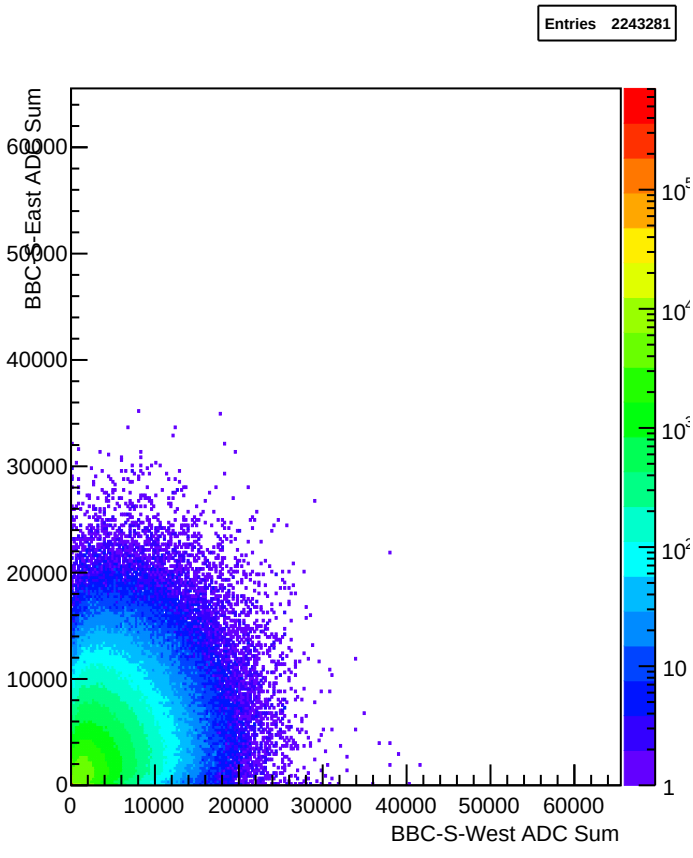

Entries 2243281
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

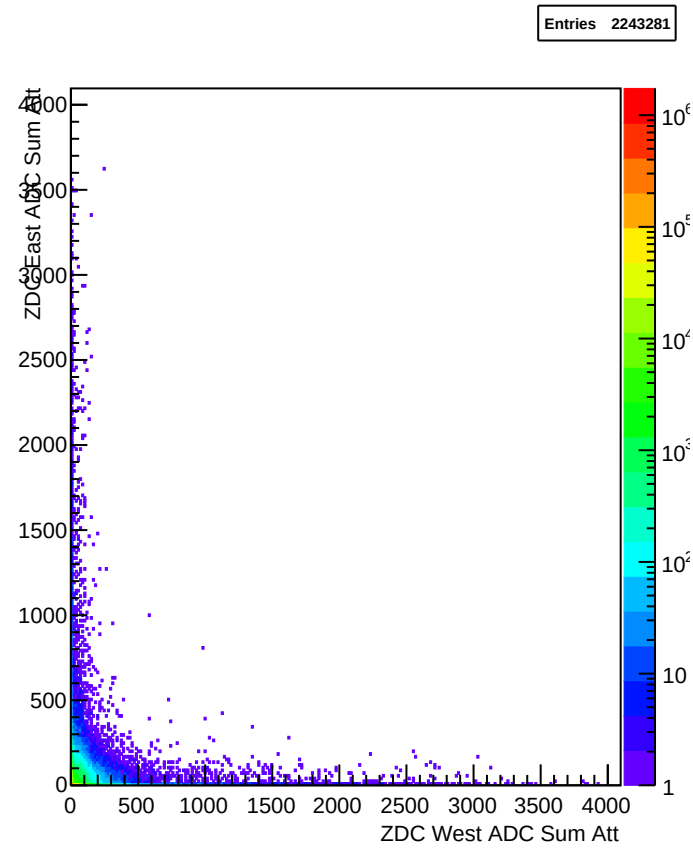

Entries 2243281
BBC-S-East ADC Sum
VPD-East ADC Sum

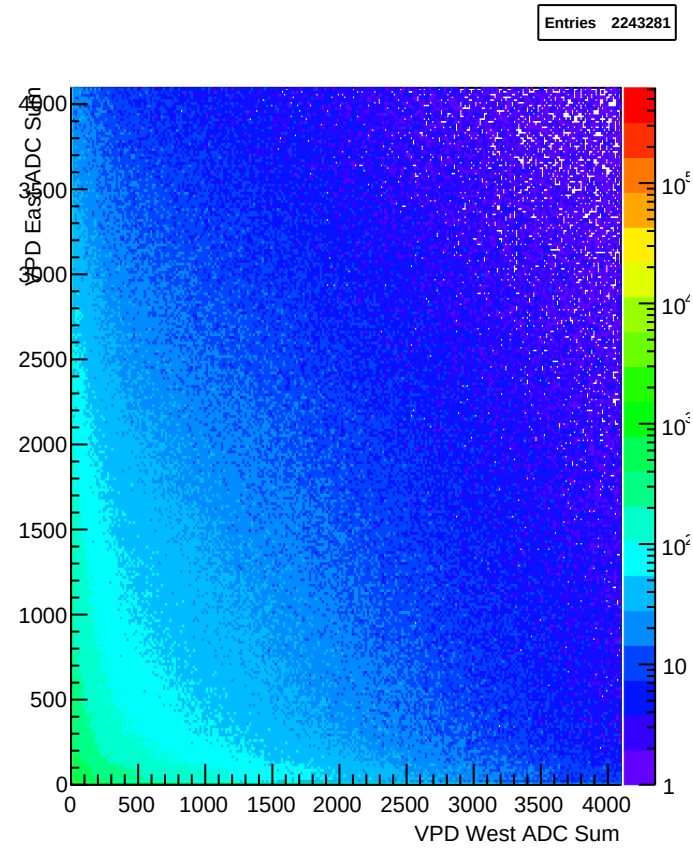

Entries 2243281
BBC-S-West ADC Sum
VPD-West ADC Sum

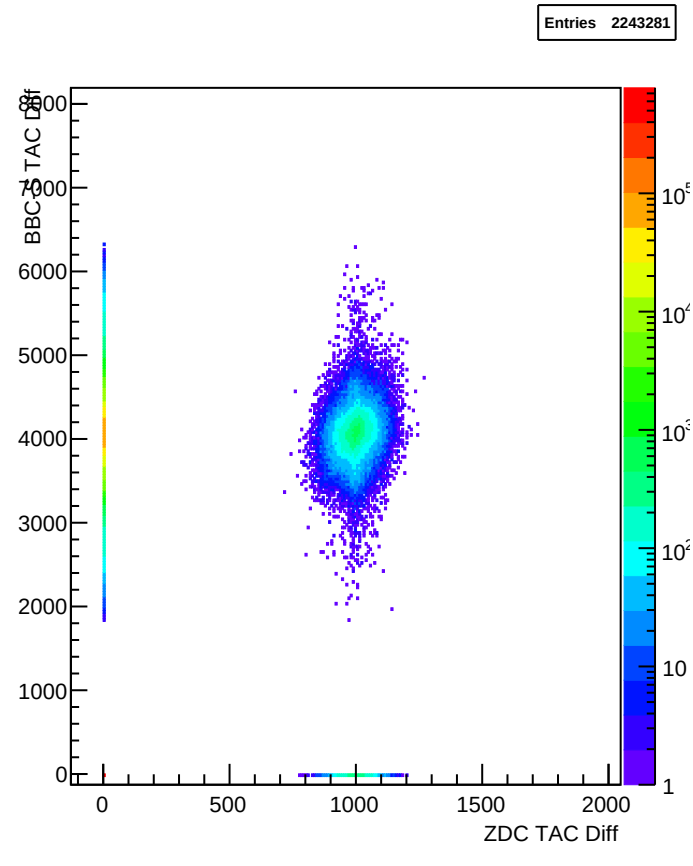

Entries 2243281
VPD-East ADC Sum
ZDC-East ADC Sum Att

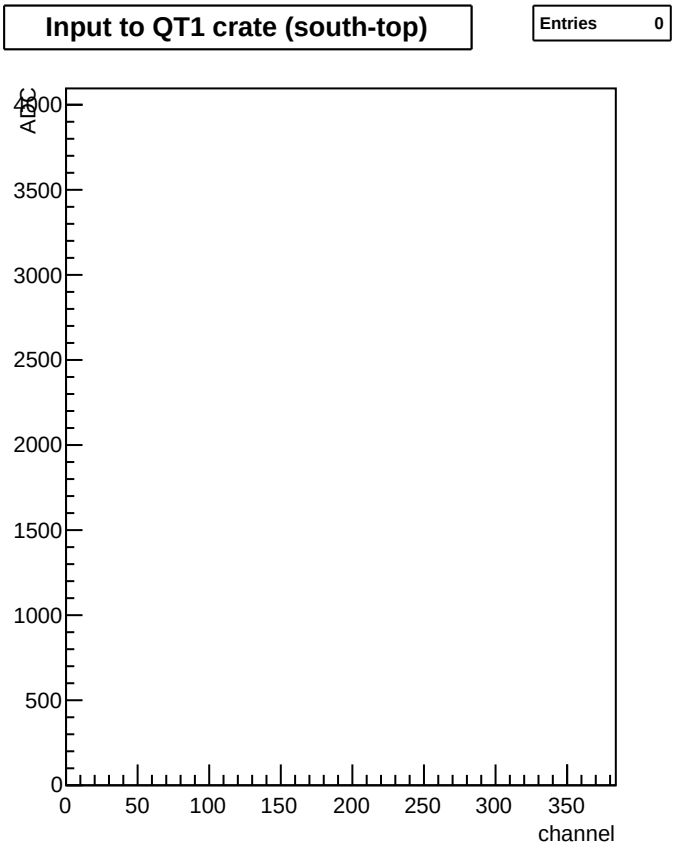

Entries 2243281
VPD-West ADC Sum
ZDC-West ADC Sum Att

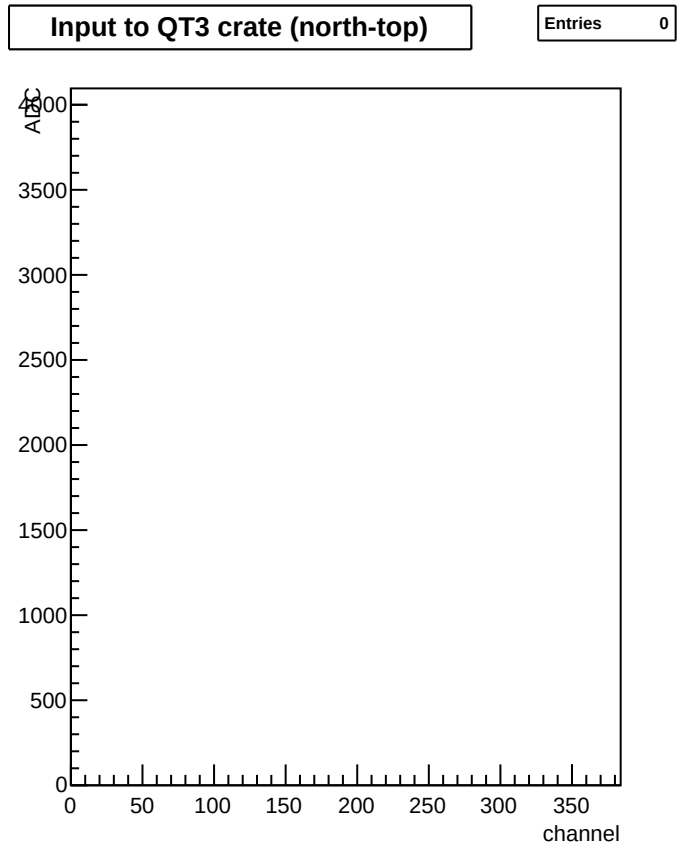

Entries 2243281
BBC-S-East ADC Sum
BBC-S-West ADC Sum

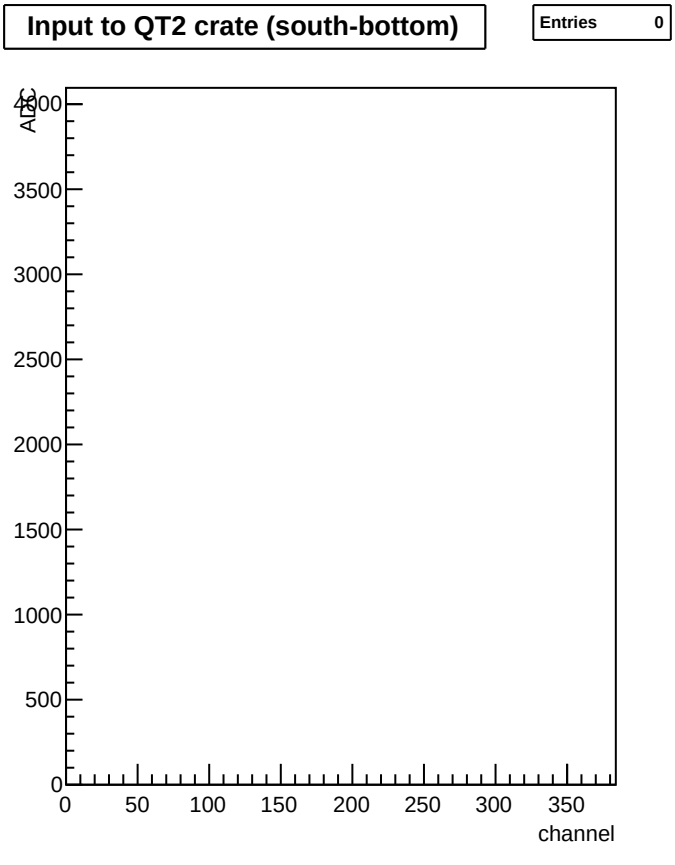

Entries 2243281
ZDC East ADC Sum Att
ZDC West ADC Sum Att

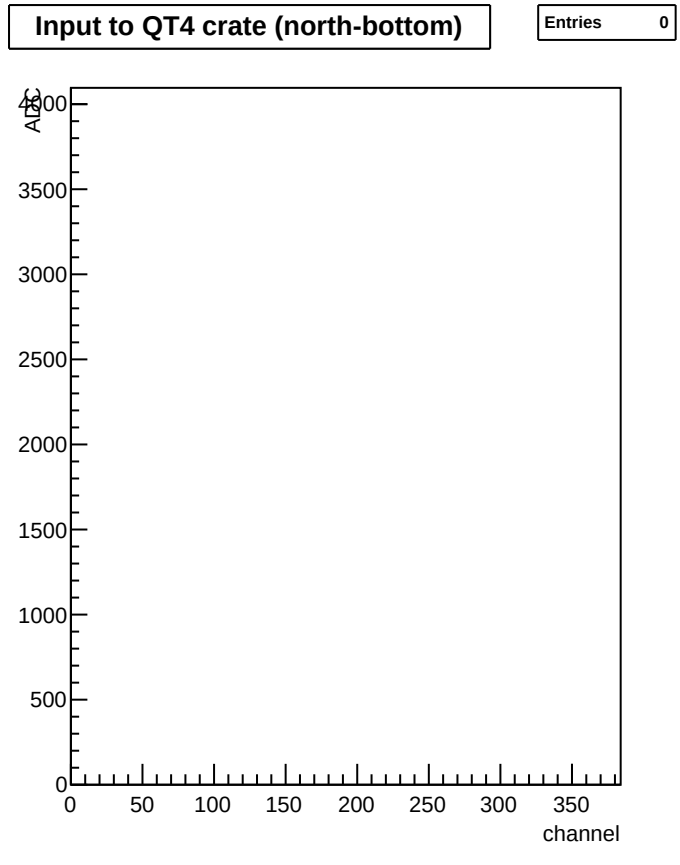

Entries 2243281
VPD East ADC Sum
VPD West ADC Sum

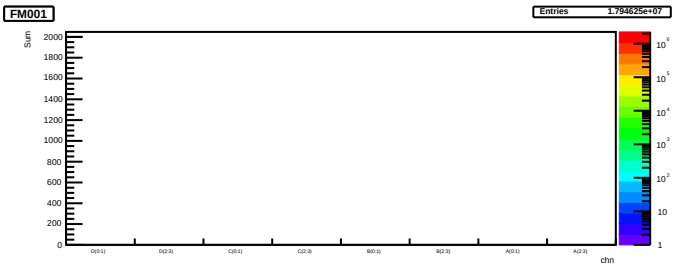

Entries 2243281
BBC-S TAC Diff
ZDC TAC Diff

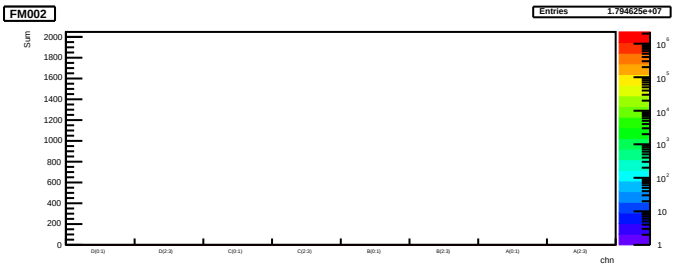

Input to QT1 crate (south-top)
Entries 0
ADC
channel

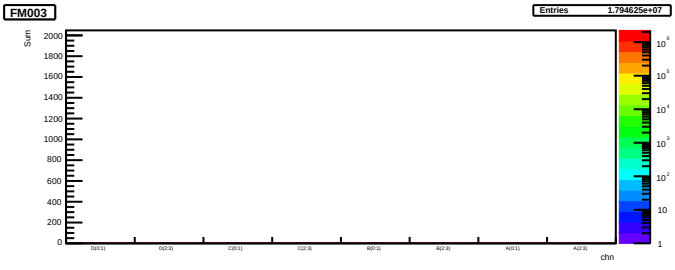

Input to QT3 crate (north-top)
Entries 0
ADC
channel

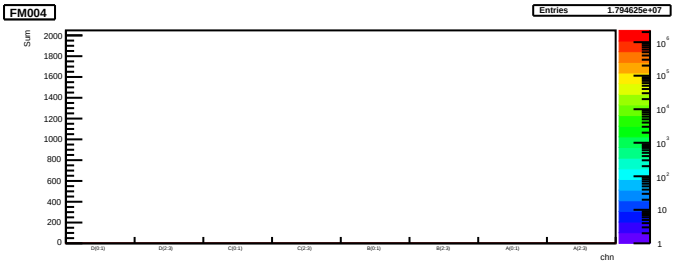

Input to QT2 crate (south-bottom)
Entries 0
ADC
channel

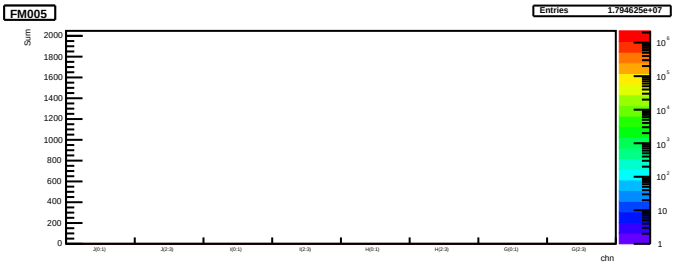

Input to QT4 crate (north-bottom)
Entries 0
ADC
channel

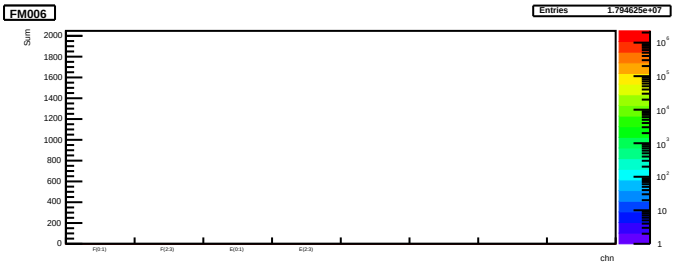

FM001
Entries 1.794625e+07
Sum
chn

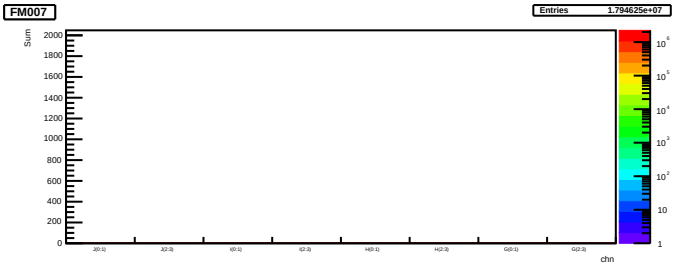

FM002
Entries 1.794625e+07
Sum
chn

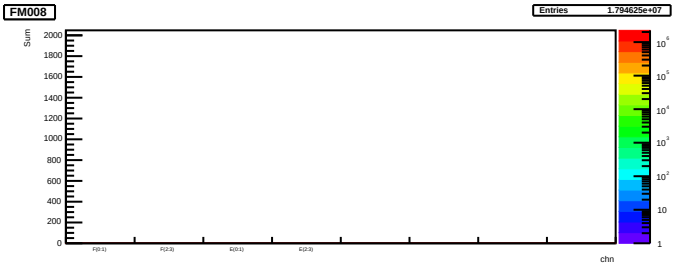

FM003
Entries 1.794625e+07
Sum
chn


FM004
Entries 1.794625e+07
Sum
chn


FM005
Entries 1.794625e+07
Sum
chn


FM006
Entries 1.794625e+07
Sum
chn


FM007
Entries 1.794625e+07
Sum
chn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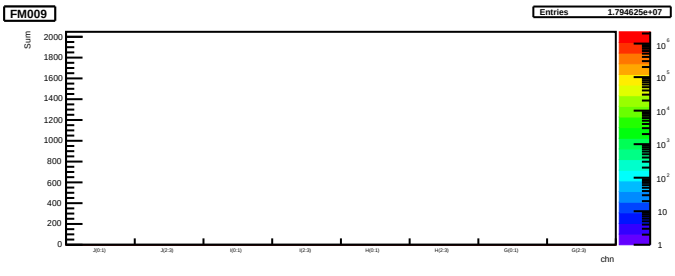
Entries 1.794625e+07
Sum
chn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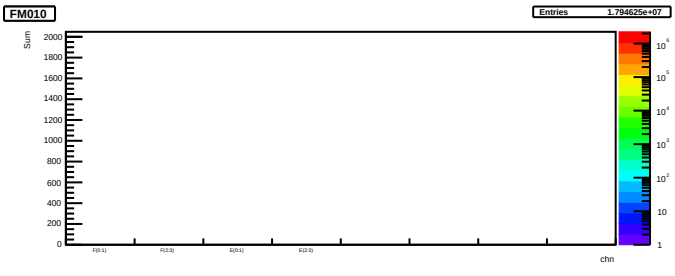
Sum
chn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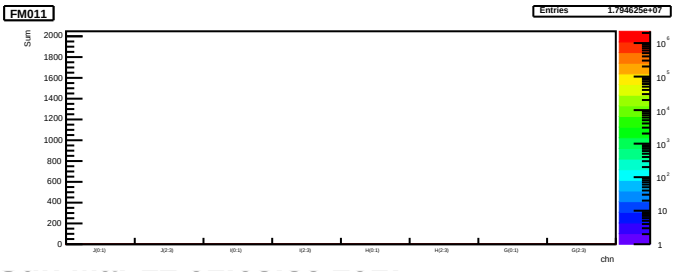
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Entries 1.794625e+07
Sum
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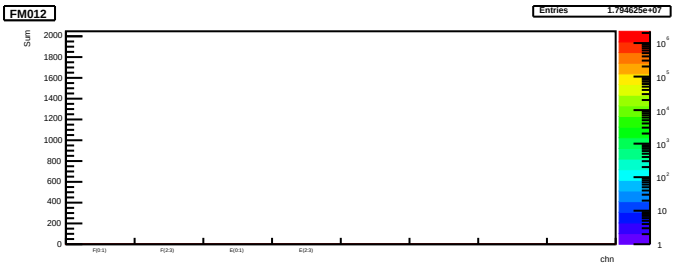
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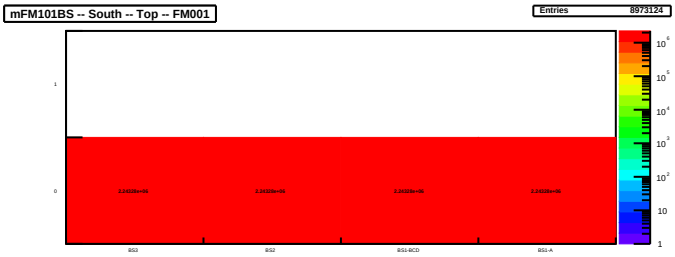
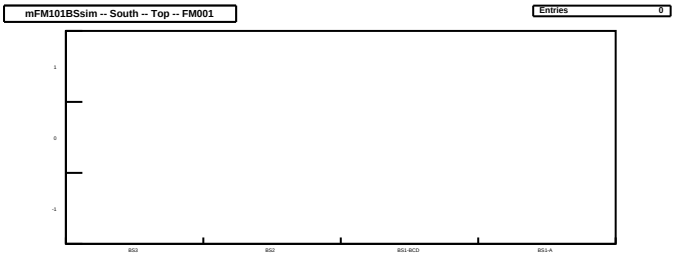

mFM101BS -- South -- Top -- FM001
Entries 8973124
BS3
BS2
BS1-BCD
BS1-A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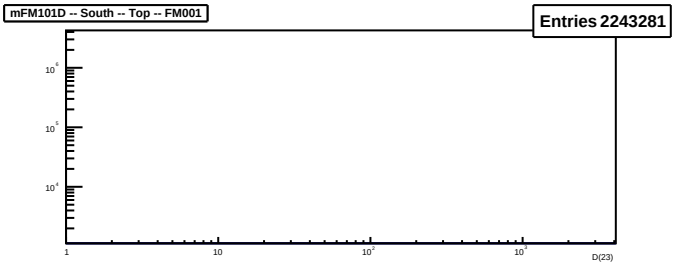
Entries 0
BS3
BS2
BS1-BCD
BS1-A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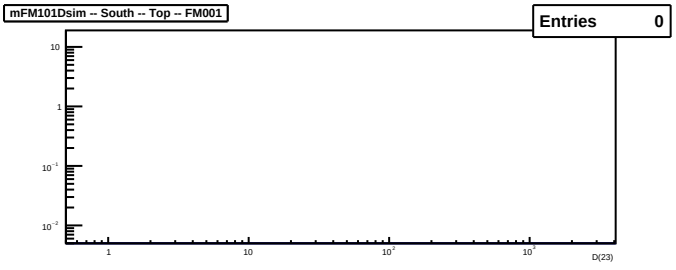
Entries 2243281
D(23)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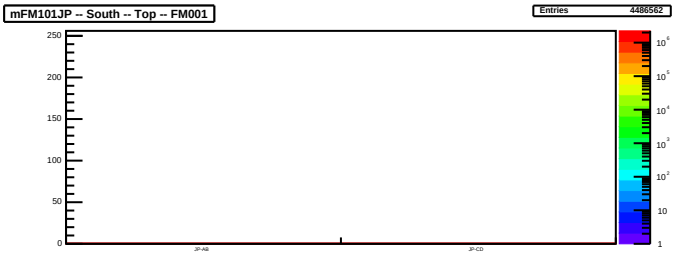
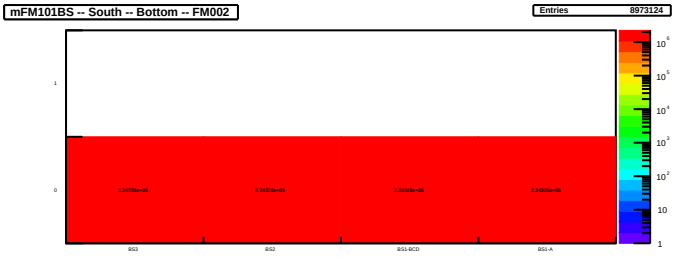
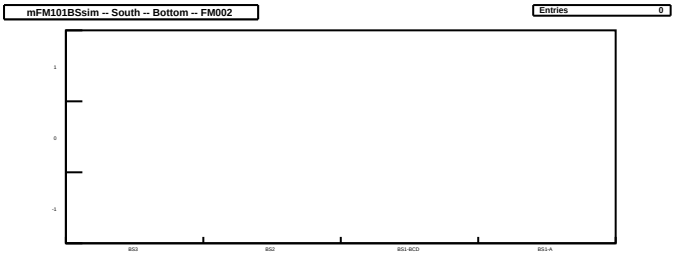
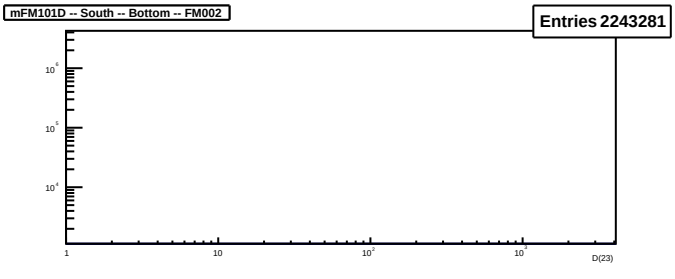
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 4486562
JP-AB
JP-CD

mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 8973124
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A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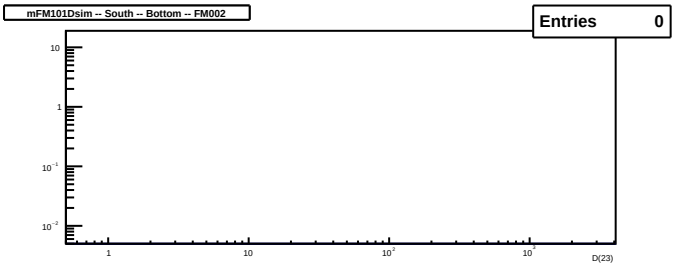
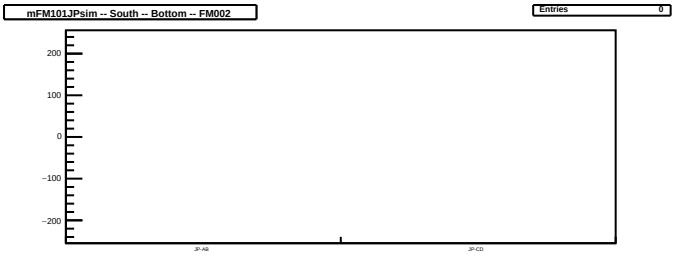
Entries 2243281
D(23)


mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 4486562
JP-AB
JP-CD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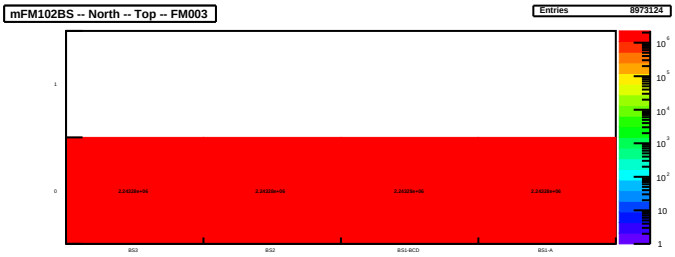
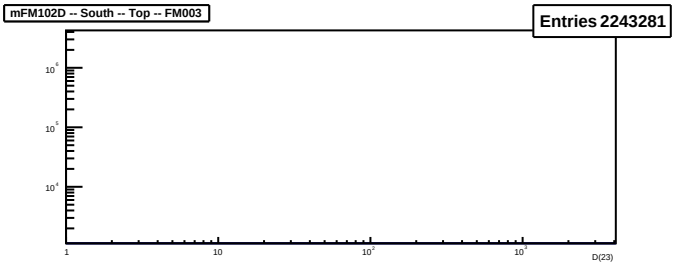
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 8973124
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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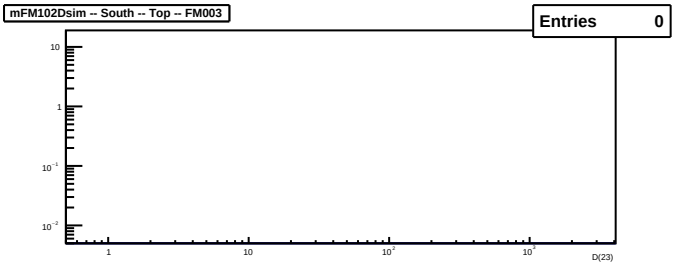
Entries 2243281
D(23)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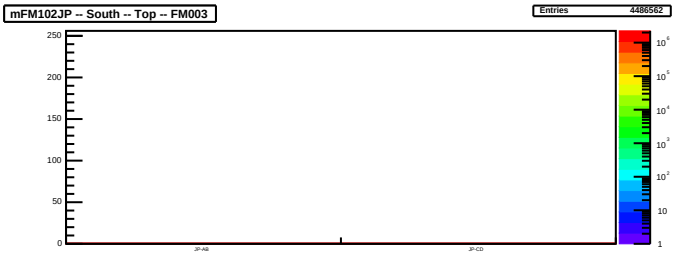
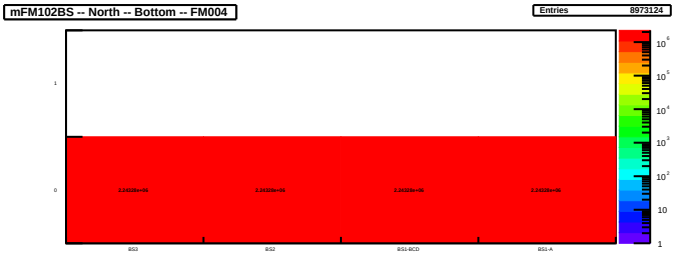

mFM102JP -- South -- Top -- FM003
Entries 4486562
JP-AB
JP-CD

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD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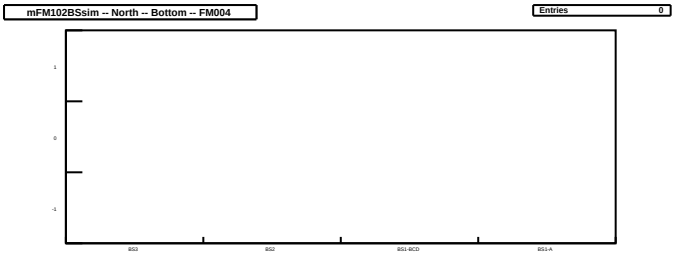
Entries 8973124
BS3
BS2
BS1-BCD
BS1-A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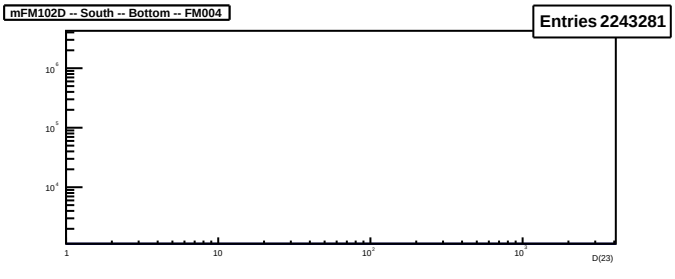
Entries 0
BS3
BS2
BS1-BCD
BS1-A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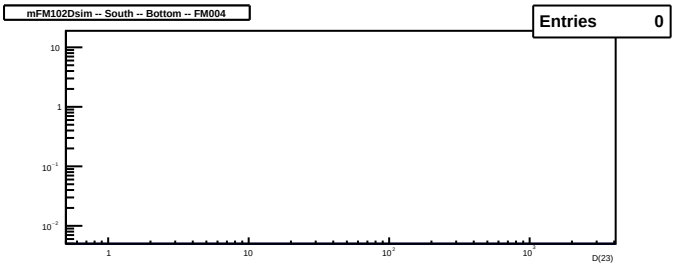
Entries 2243281
D(23)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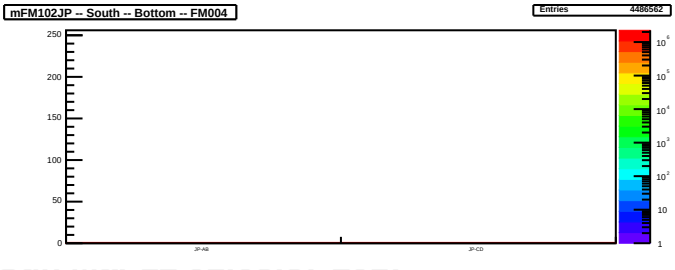
Entries 0
D(23)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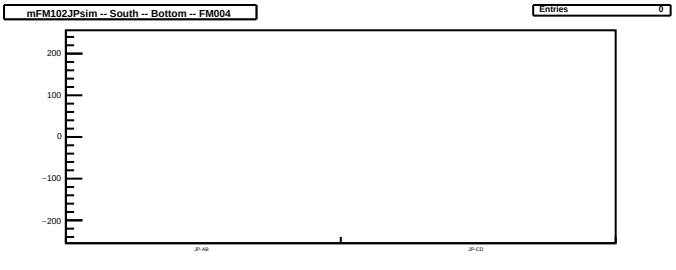
Entries 4486562
JP-AB
JP-CD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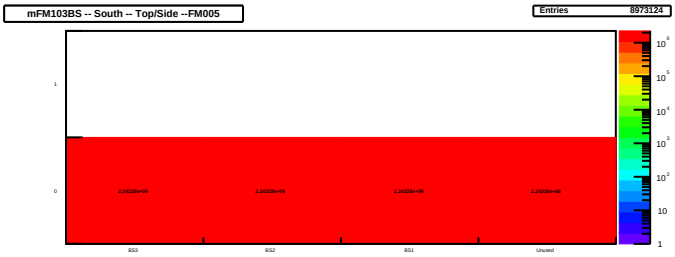
Entries 0
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 8973124
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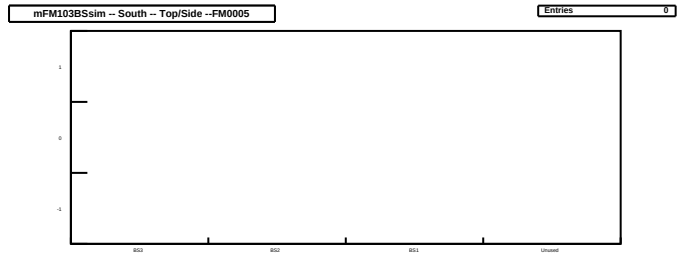
BS2
BS1
Unused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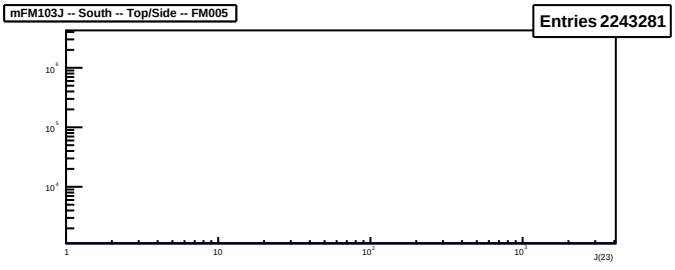
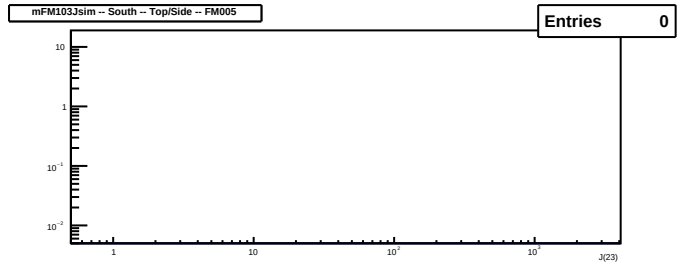
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 2243281
J(23)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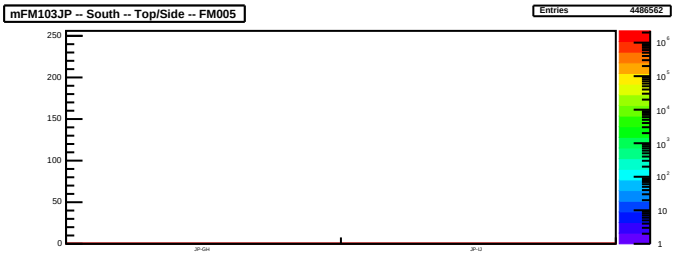
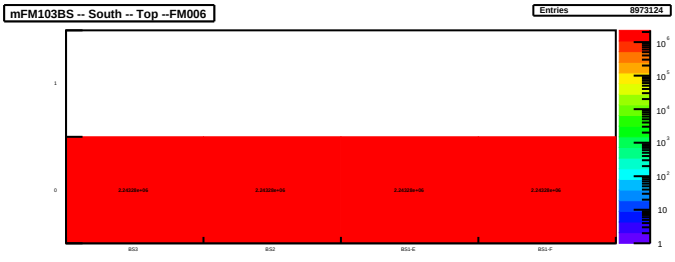
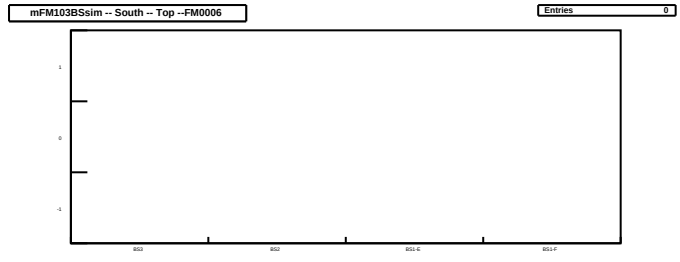
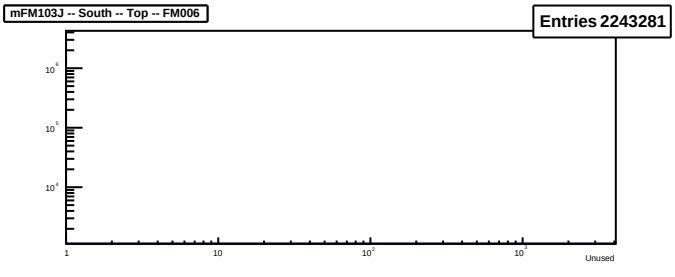
Entries 0
J(23)

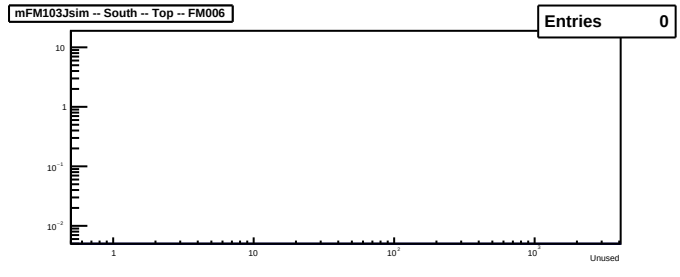

mFM103JP -- South -- Top/Side -- FM005
Entries 4486562
JP-GH
JP-IJ

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Top --FM006
Entries 8973124
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 2243281
Unused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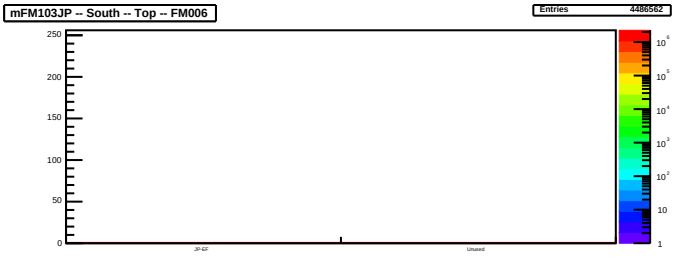
Entries 0
Unused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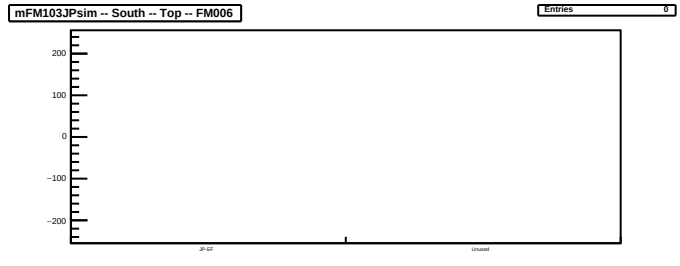
Entries 4486562
JP-EF
Unused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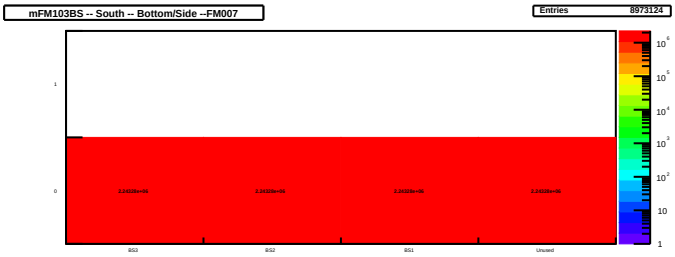
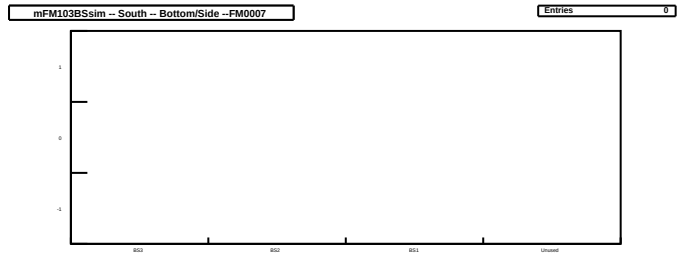
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 8973124
BS3
BS2
BS1
Unused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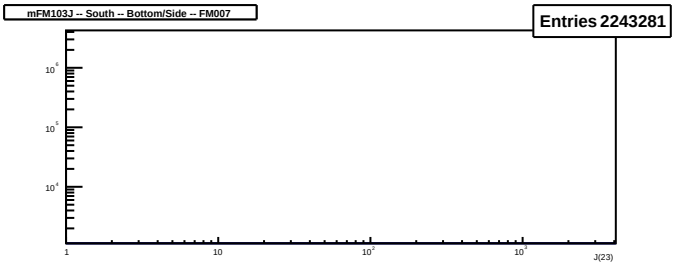
Entries 0
BS3
BS2
BS1
Unused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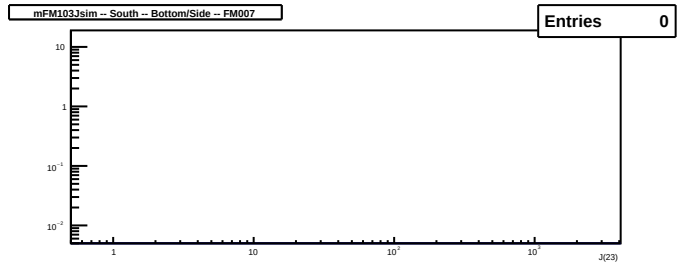
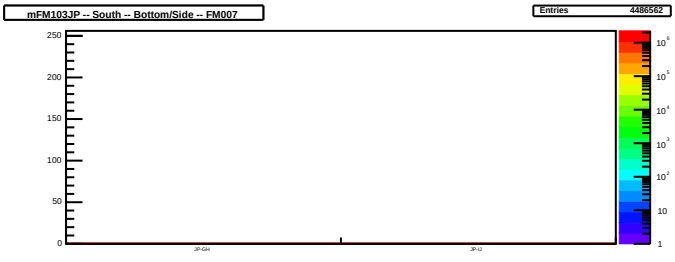
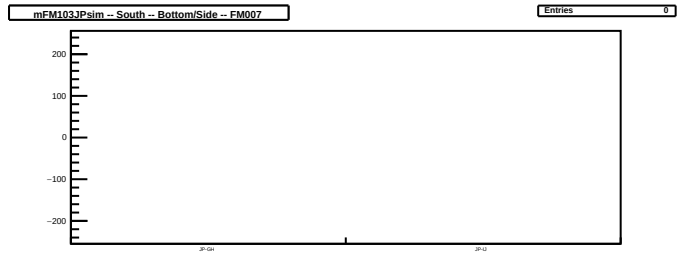
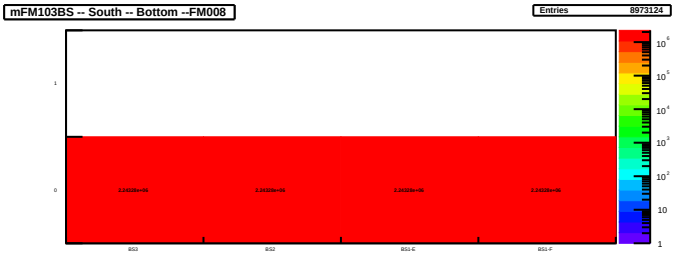
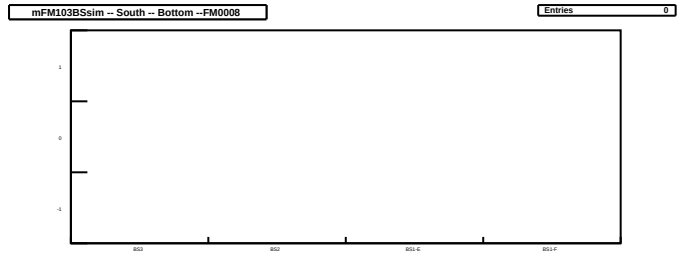
Entries 2243281
J(23)


mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 4486562
JP-GH
JP-IJ


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 8973124
BS3
BS2
BS1-E
BS1-F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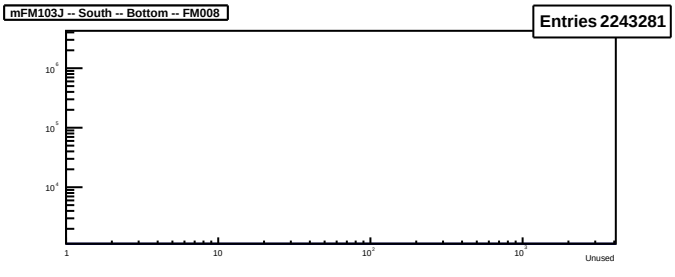
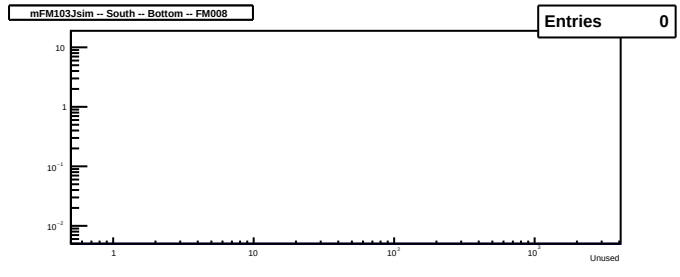
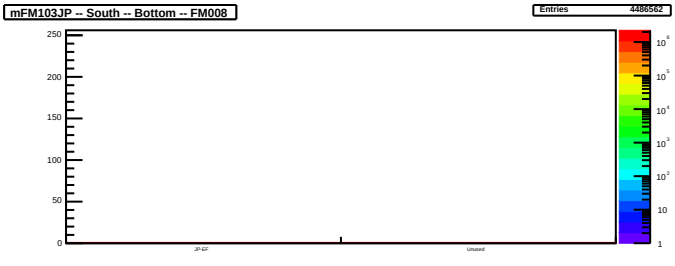
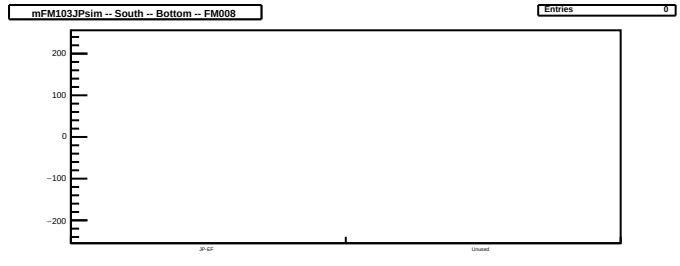
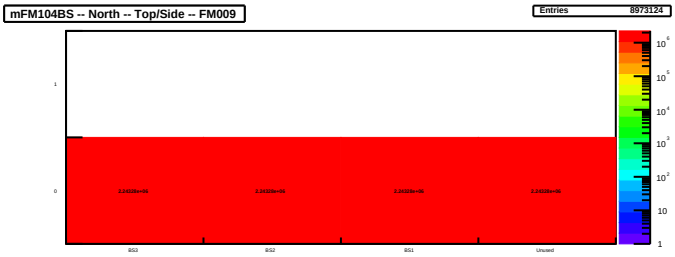
Entries 0
BS3
BS2
BS1-E
BS1-F

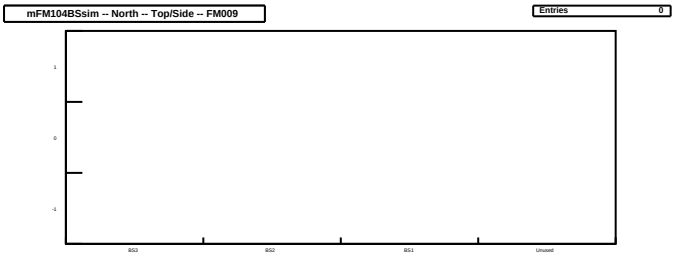

mFM103J -- South -- Bottom -- FM008
Entries 2243281
Unused

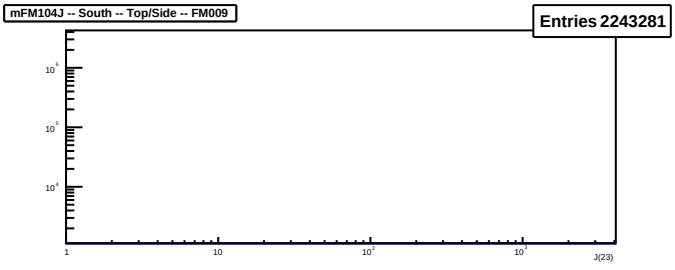

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

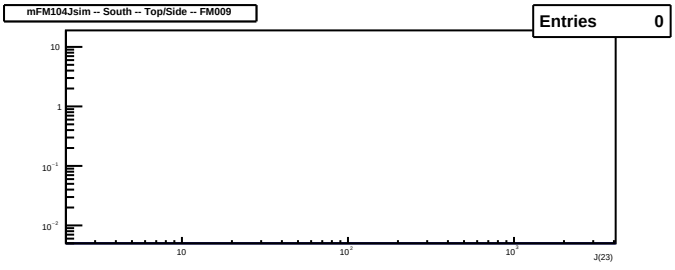

mFM103JP -- South -- Bottom -- FM008
Entries 4486562
JP-EF
Unused

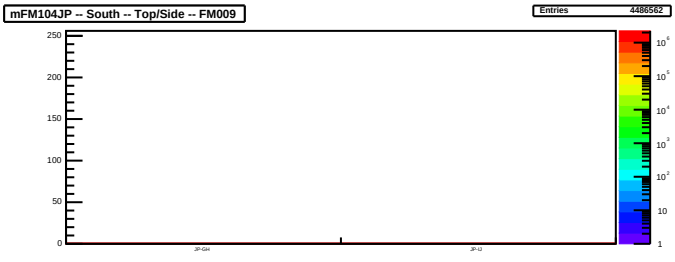

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

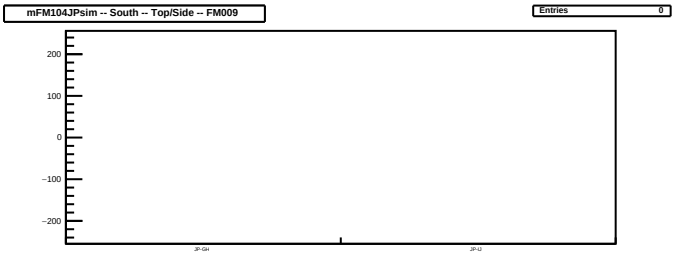

mFM104BS -- North -- Top/Side -- FM009
Entries 8973124
BS3
BS2
BS1
Unused

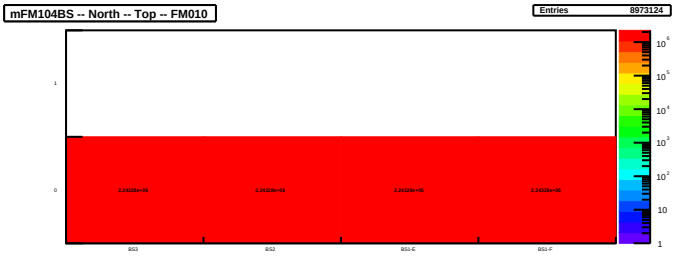

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

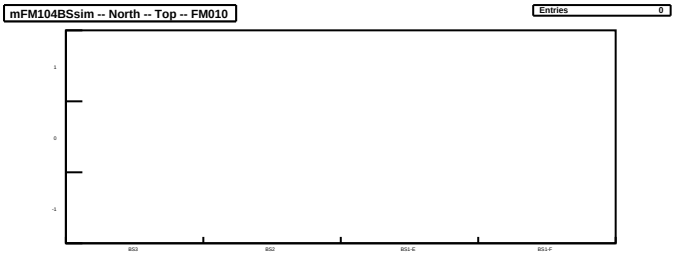

mFM104J -- South -- Top/Side -- FM009
Entries 2243281
J(23)

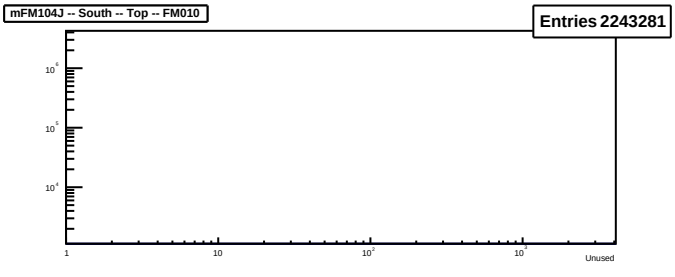

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

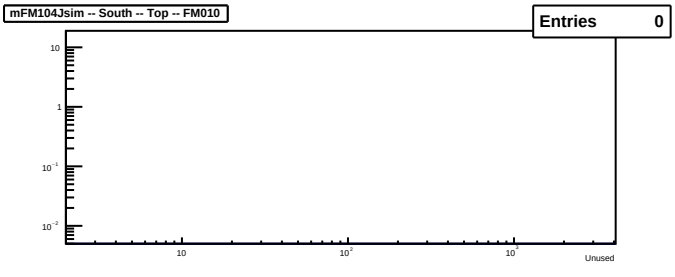

mFM104JP -- South -- Top/Side -- FM009
Entries 4486562
JP-GH
JP-IJ

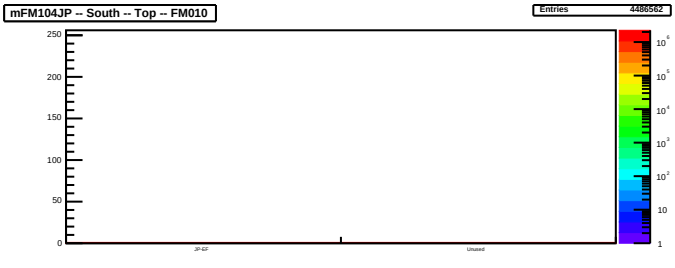

mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ

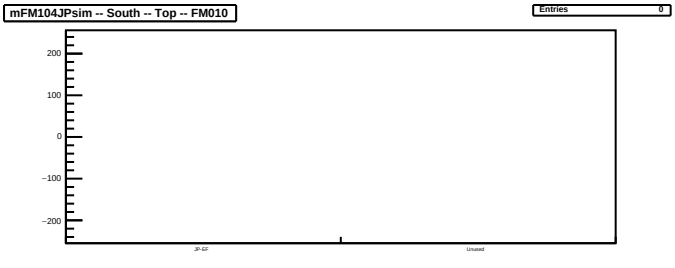

mFM104BS -- North -- Top -- FM010
Entries 8973124
BS3
BS2
BS1-E
BS1-F

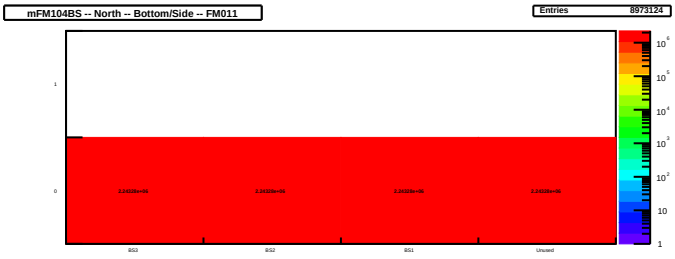

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

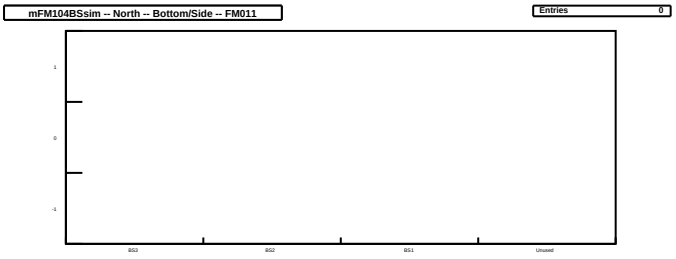

mFM104J -- South -- Top -- FM010
Entries 2243281
Unused

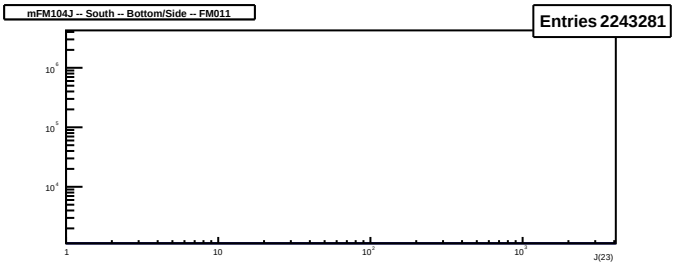

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

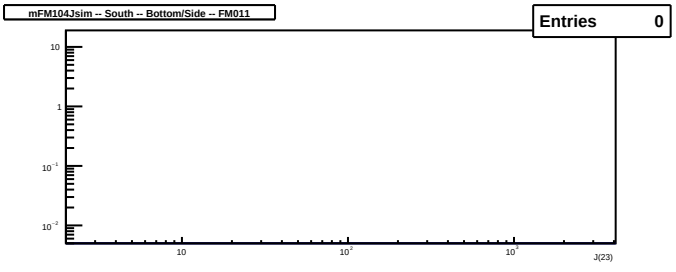

mFM104JP -- South -- Top -- FM010
Entries 4486562
JP-EF
Unused

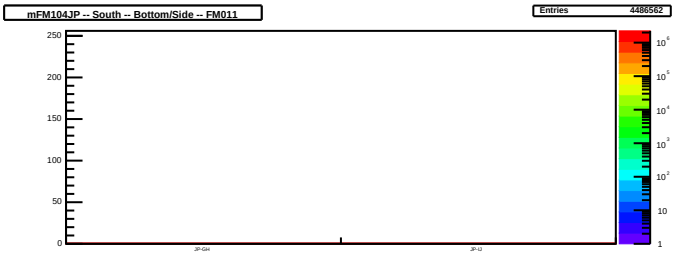

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

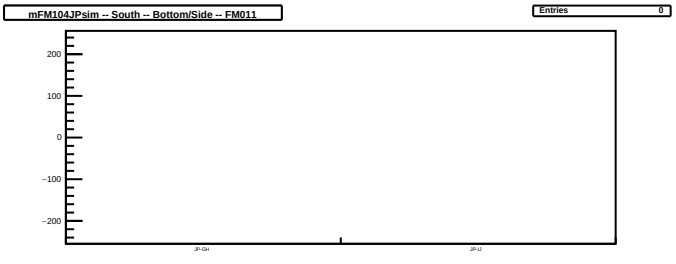

mFM104BS -- North -- Bottom/Side -- FM011
Entries 8973124
BS3
BS2
BS1
Unused

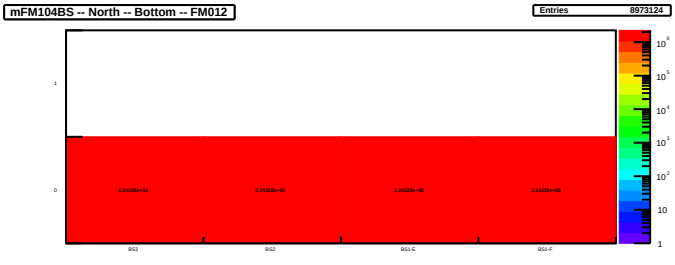

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

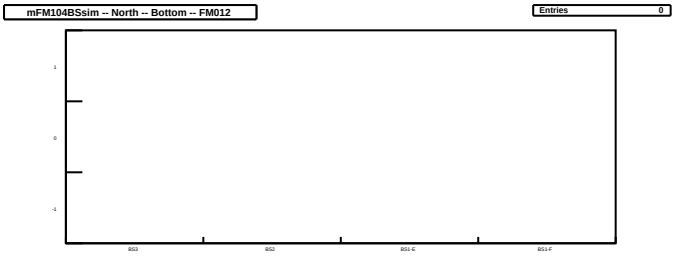

mFM104J -- South -- Bottom/Side -- FM011
Entries 2243281
J(23)

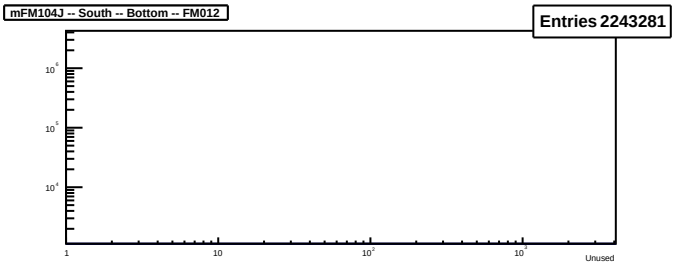

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

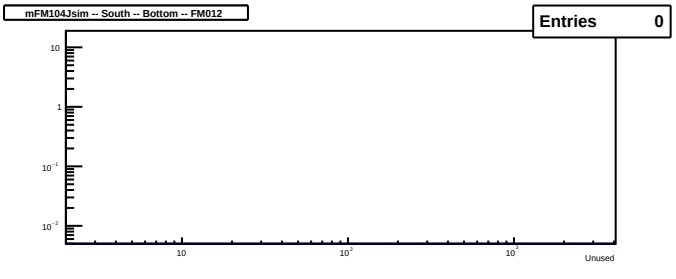

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4486562
JP-GH
JP-IJ


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

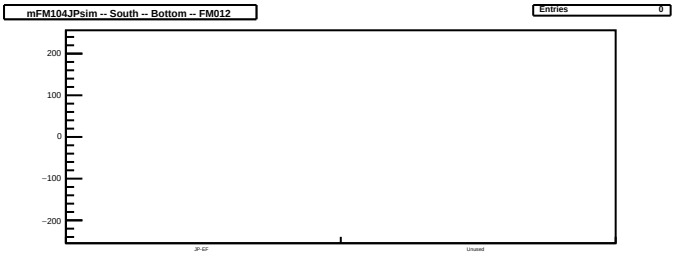

mFM104BS -- North -- Bottom -- FM012
Entries 8973124
BS3
BS2
BS1-E
BS1-F

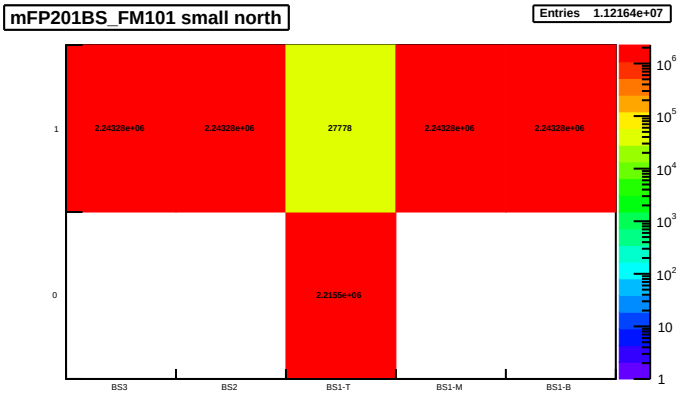

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

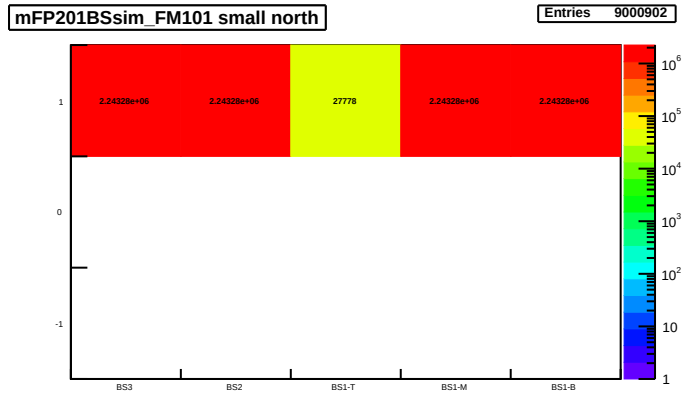

mFM104J -- South -- Bottom -- FM012
Entries 2243281
Unused

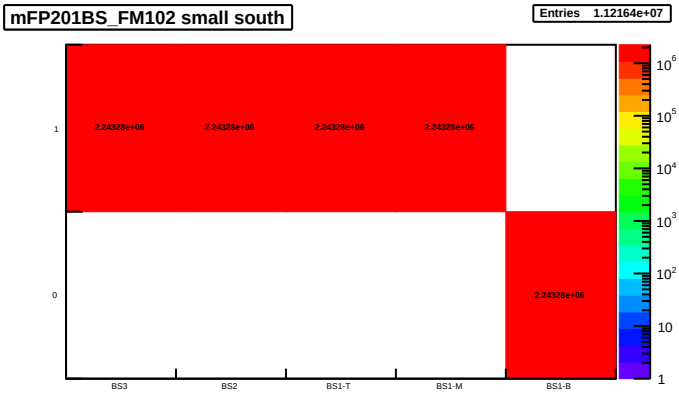

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

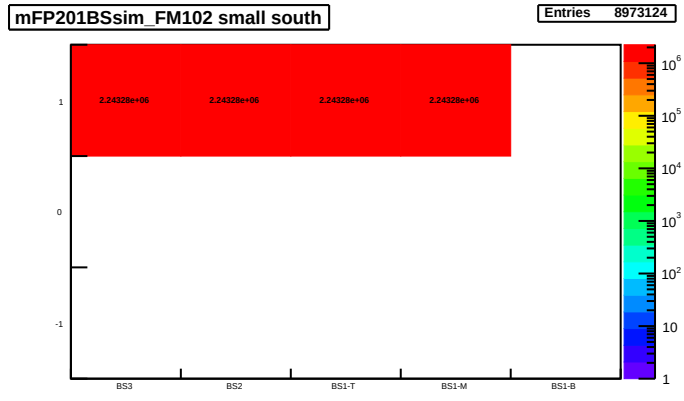
mFM104JP -- South -- Bottom -- FM012
Entries 4486562
JP-EF
Unused

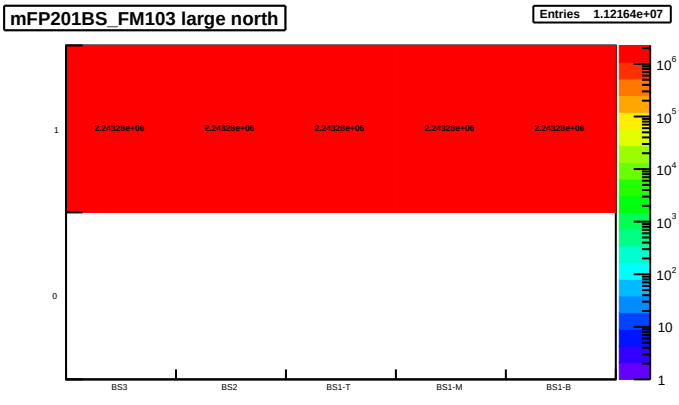

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

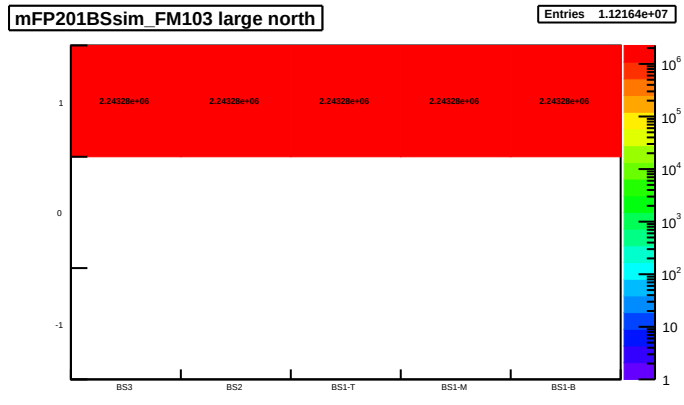

mFP201BS_FM101 small north
Entries 1.12164e+07
2.24328e+06
2.24328e+06
27778
2.24328e+06
2.24328e+06
2.2155e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

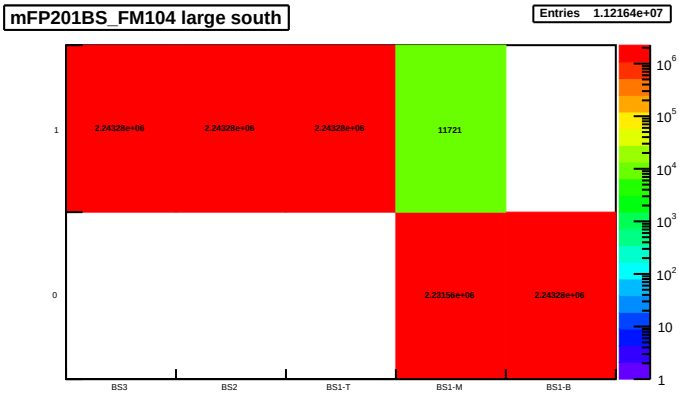

mFP201BSsim_FM101 small north
Entries 9000902
2.24328e+06
2.24328e+06
27778
2.24328e+06
2.24328e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

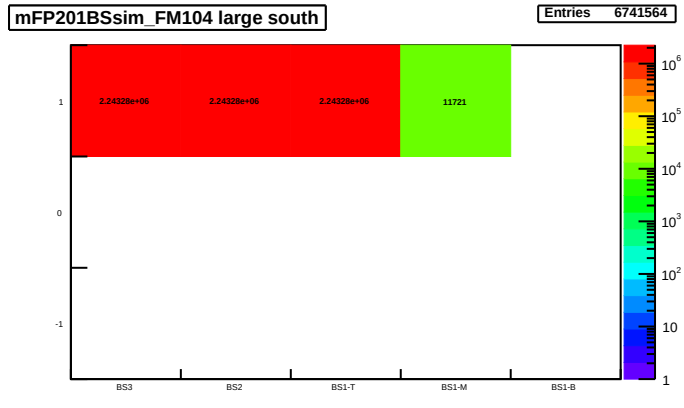

mFP201BS_FM102 small south
Entries 1.12164e+07
2.24328e+06
2.24328e+06
2.24328e+06
2.24328e+06
2.24328e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

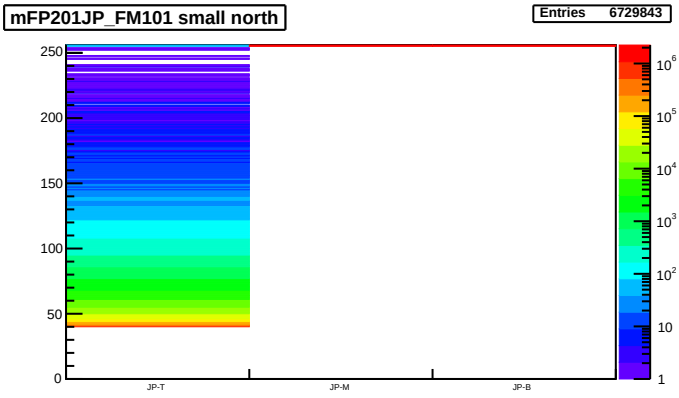

mFP201BSsim_FM102 small south
Entries 8973124
2.24328e+06
2.24328e+06
2.24328e+06
2.24328e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

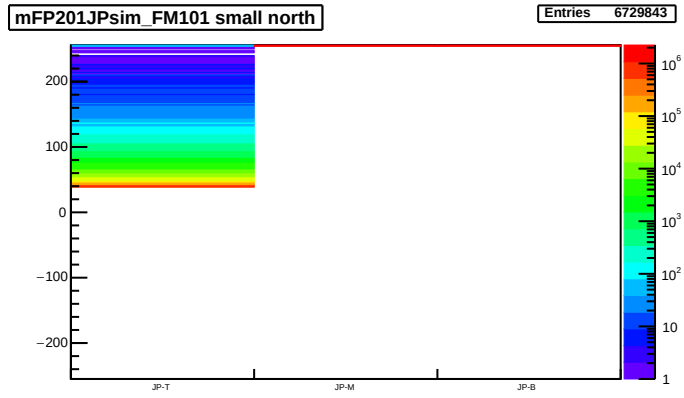

mFP201BS_FM103 large north
Entries 1.12164e+07
2.24328e+06
2.24328e+06
2.24328e+06
2.24328e+06
2.24328e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

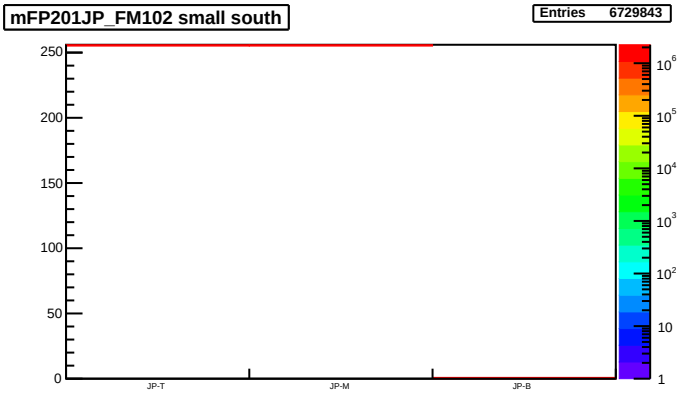

mFP201BSsim_FM103 large north
Entries 1.12164e+07
2.24328e+06
2.24328e+06
2.24328e+06
2.24328e+06
2.24328e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

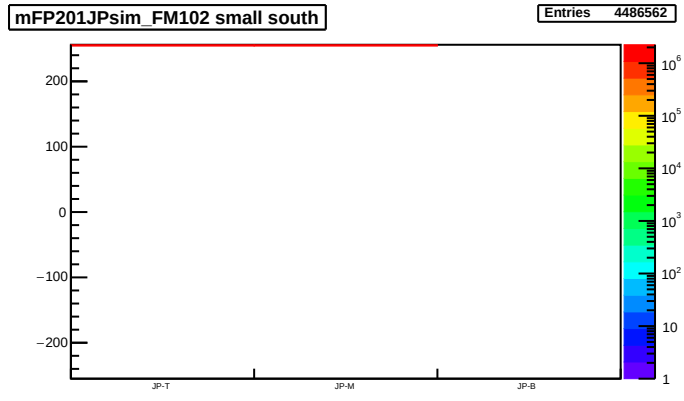

mFP201BS_FM104 large south
Entries 1.12164e+07
2.24328e+06
2.24328e+06
2.24328e+06
11721
2.23156e+06
2.24328e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

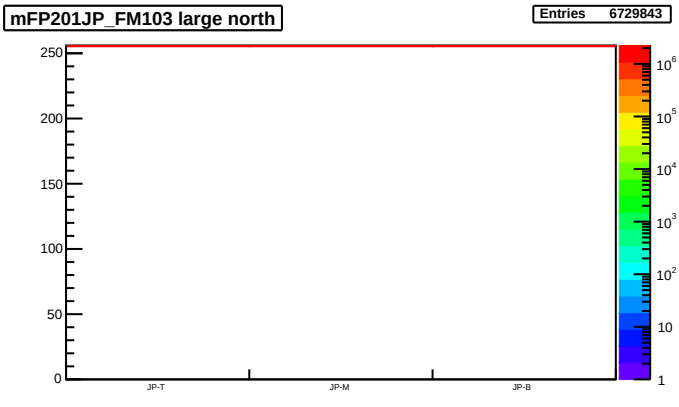

mFP201BSsim_FM104 large south
Entries 6741564
2.24328e+06
2.24328e+06
2.24328e+06
11721
BS3
BS2
BS1-T
BS1-M
BS1-B

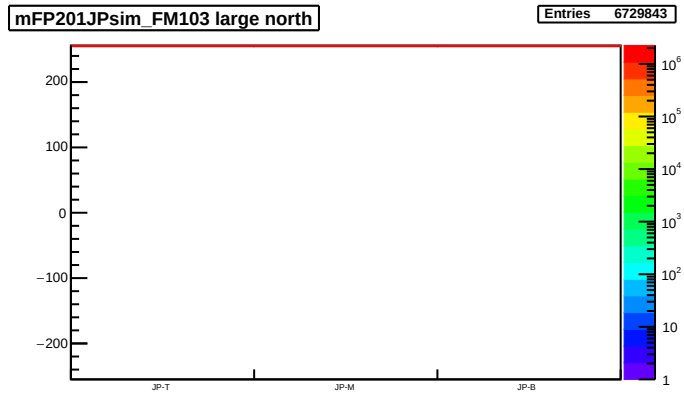

mFP201JP_FM101 small north
Entries 6729843
JP-T
JP-M
JP-B

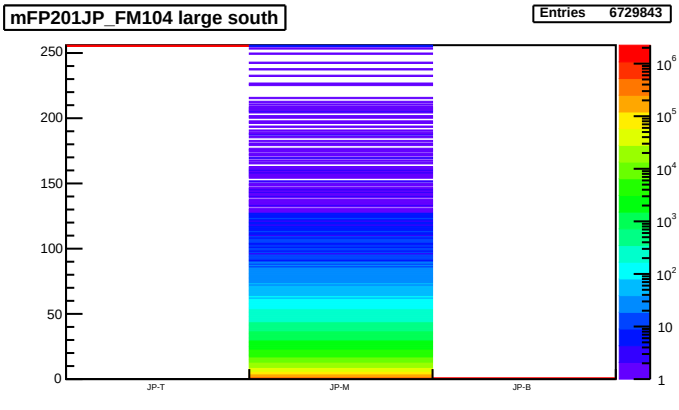

mFP201JPsim_FM101 small north
Entries 6729843
JP-T
JP-M
JP-B

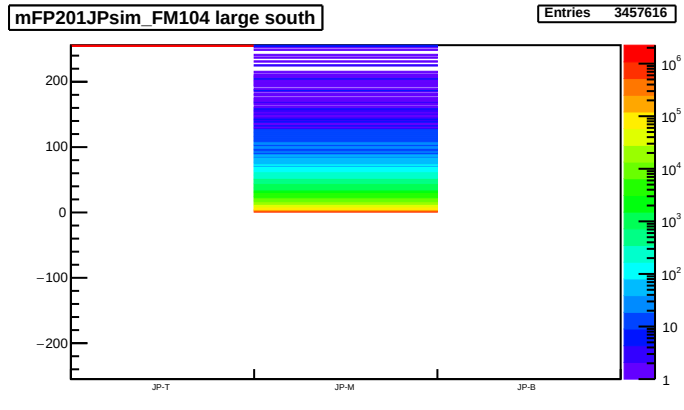

mFP201JP_FM102 small south
Entries 6729843
JP-T
JP-M
JP-B

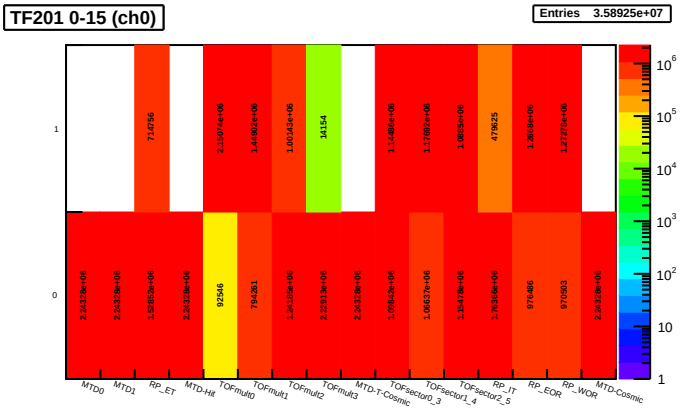

mFP201JPsim_FM102 small south
Entries 4486562
JP-T
JP-M
JP-B

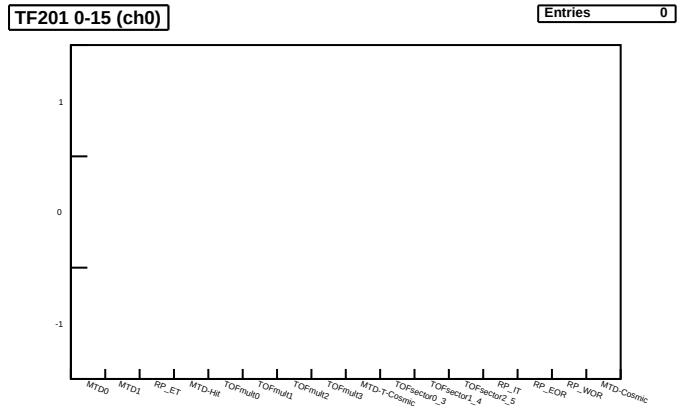

mFP201JP_FM103 large north
Entries 6729843
JP-T
JP-M
JP-B

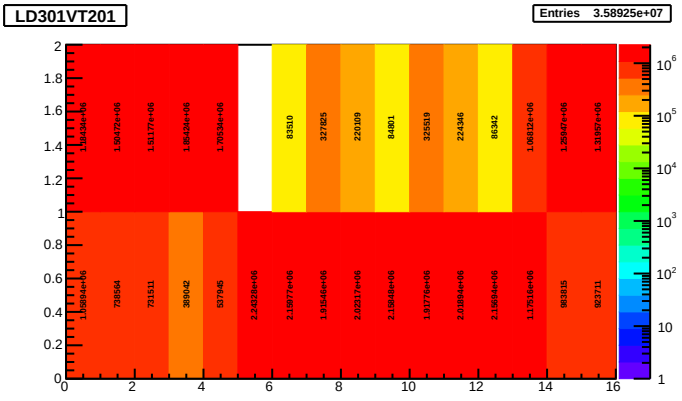

mFP201JPsim_FM103 large north
Entries 6729843
JP-T
JP-M
JP-B

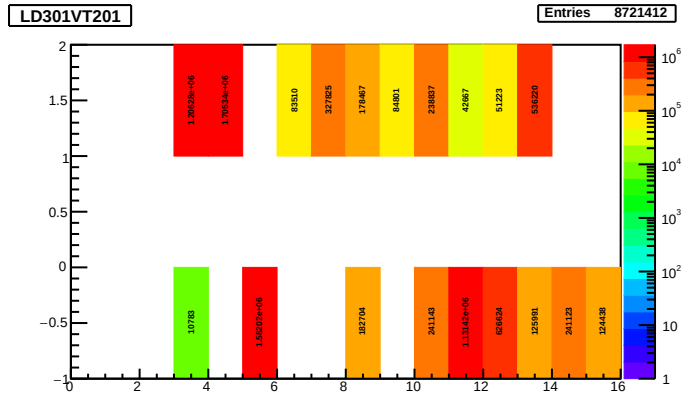

mFP201JP_FM104 large south
Entries 6729843
JP-T
JP-M
JP-B

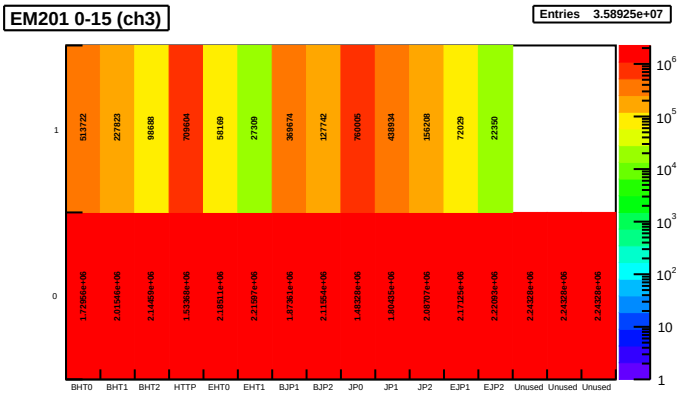

mFP201JPsim_FM104 large south
Entries 3457616
JP-T
JP-M
JP-B

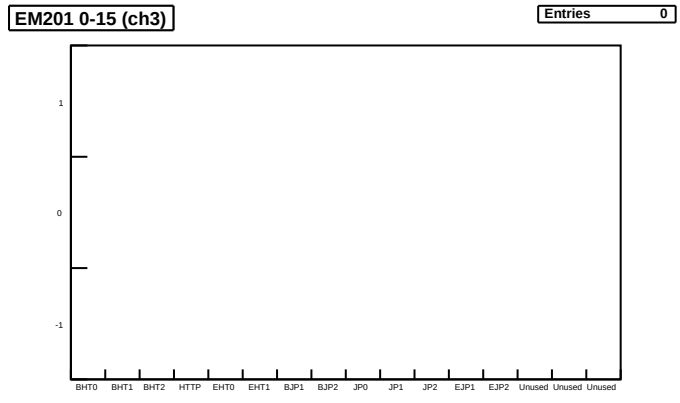

TF201 0-15 (ch0)
Entries 3.58925e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

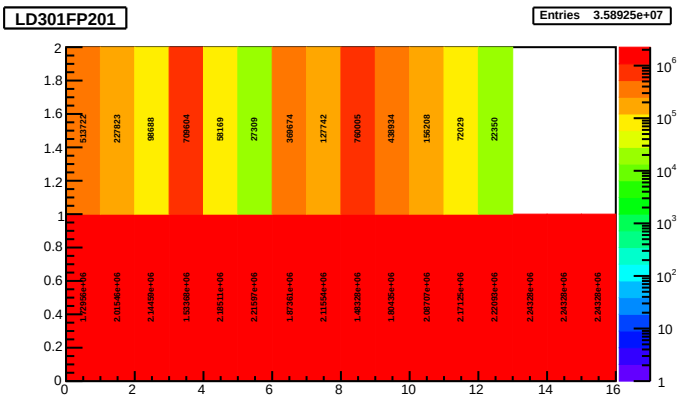

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

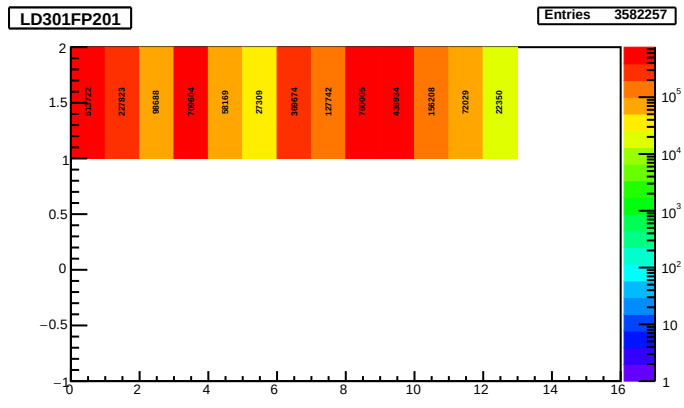

LD301VT201
Entries 3.58925e+07


LD301VT201
Entries 8721412


EM201 0-15 (ch3)
Entries 3.58925e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 3.58925e+07


LD301FP201
Entries 3582257