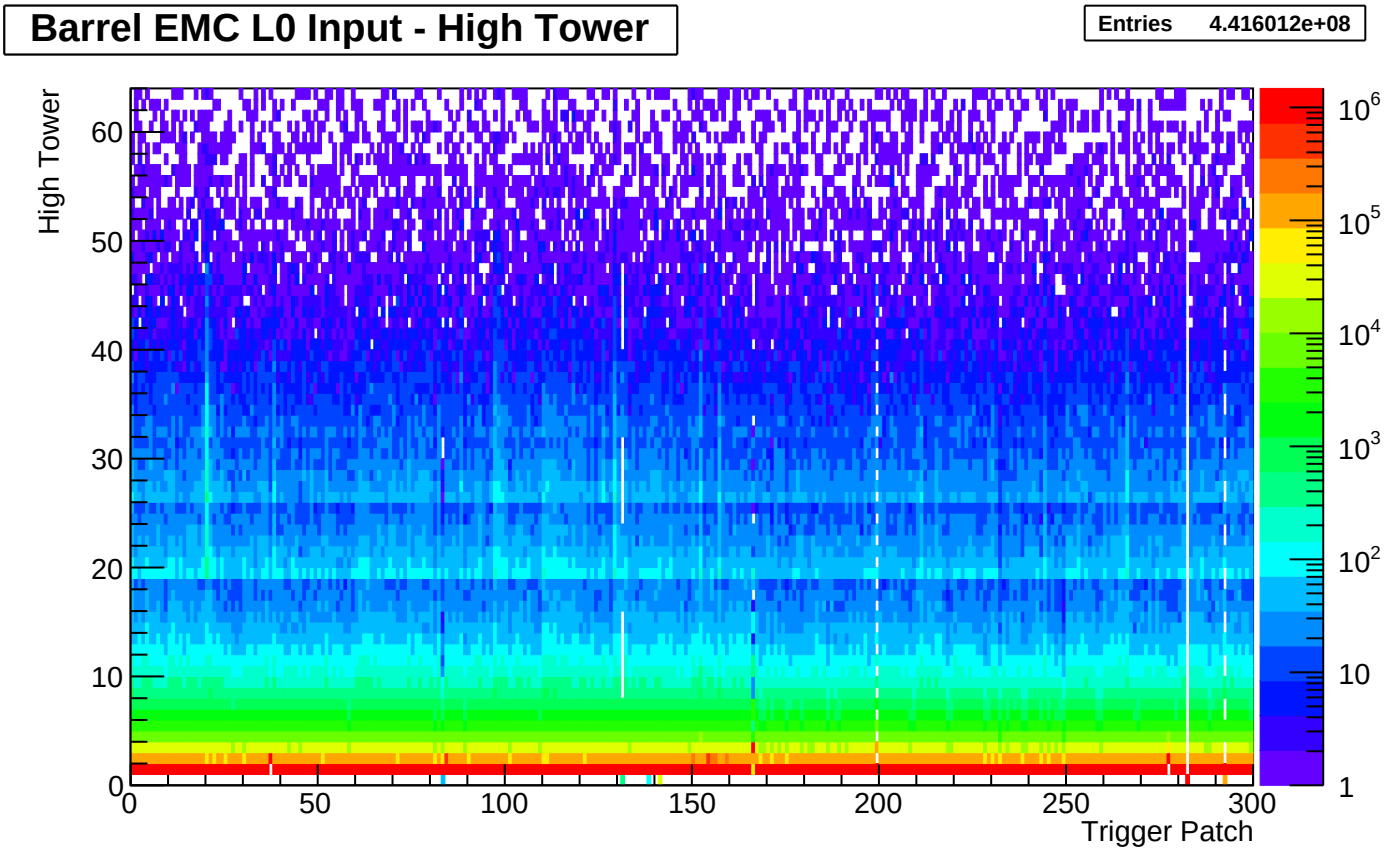
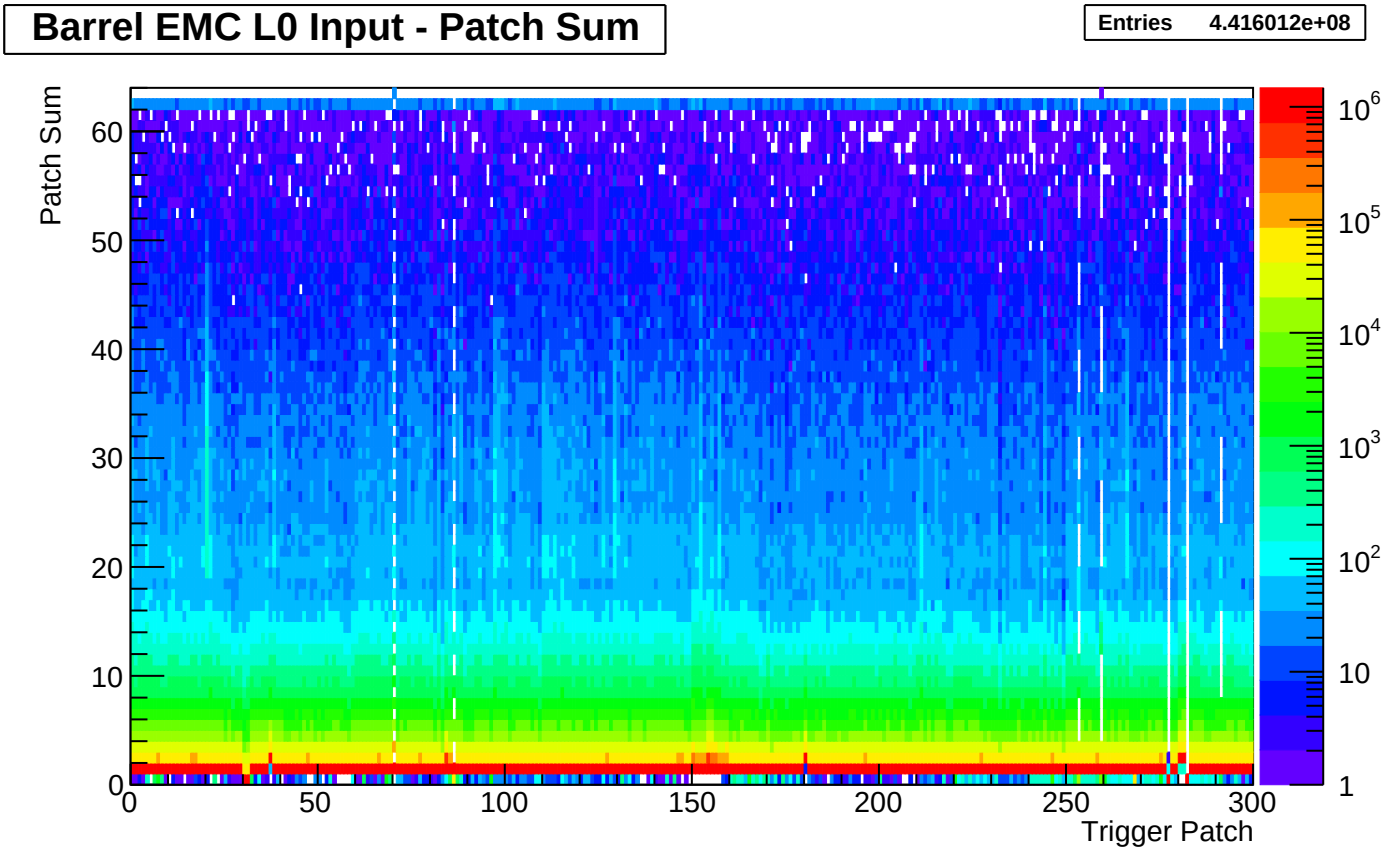
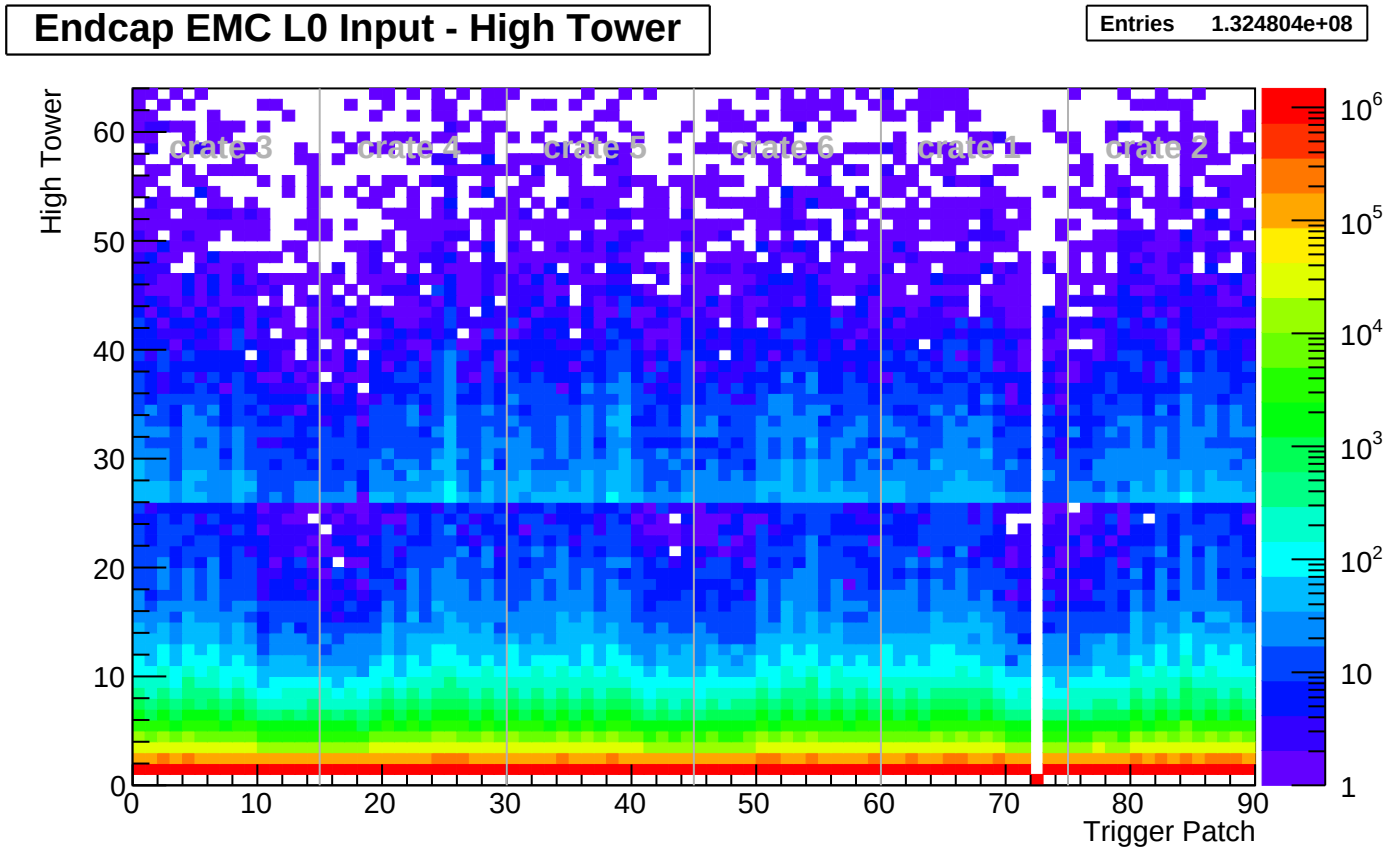
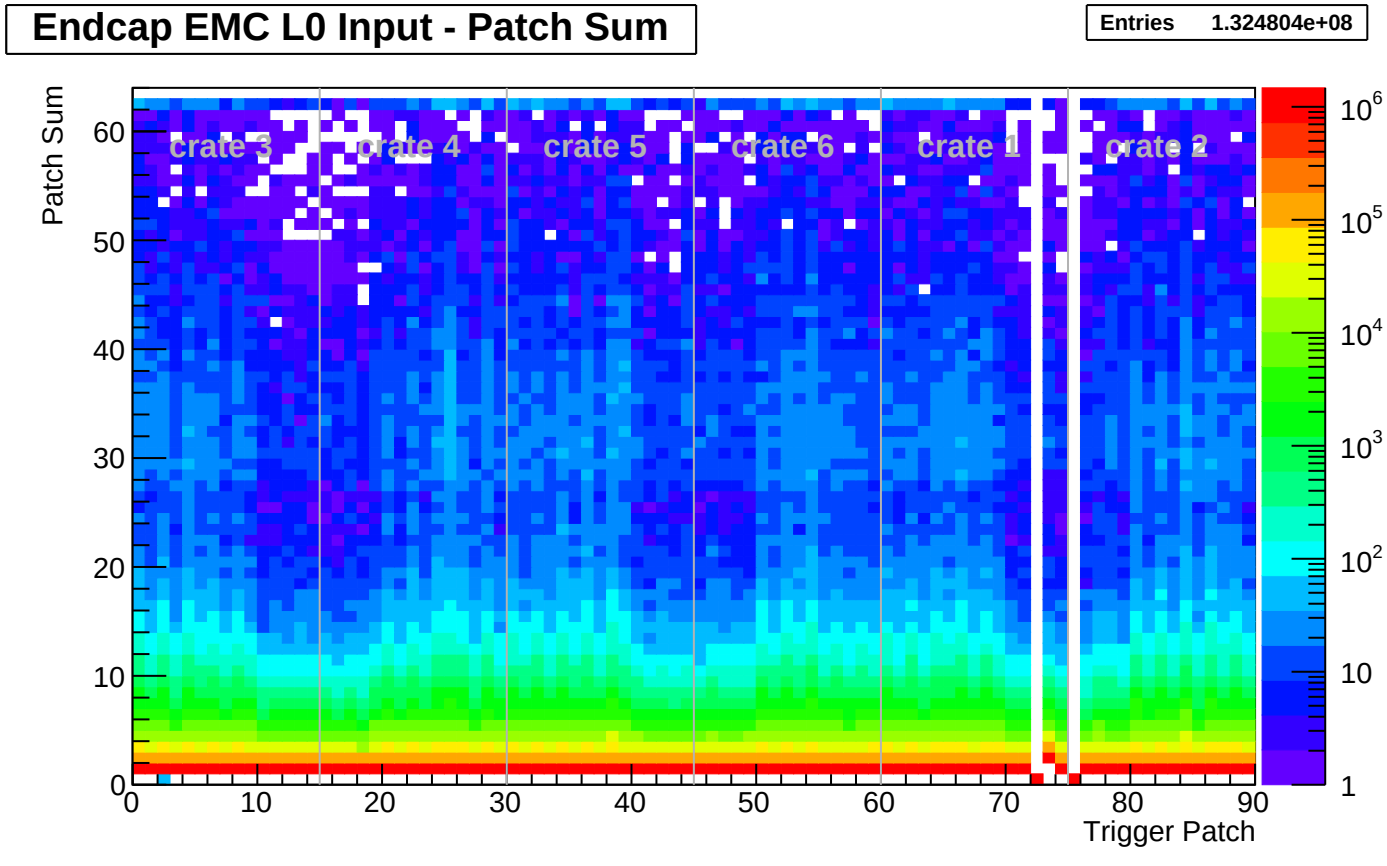
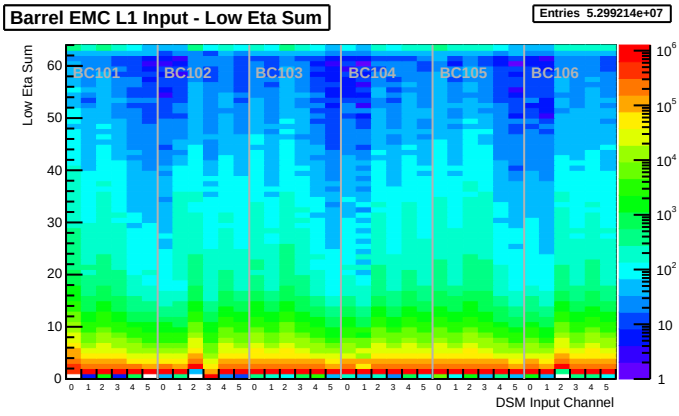
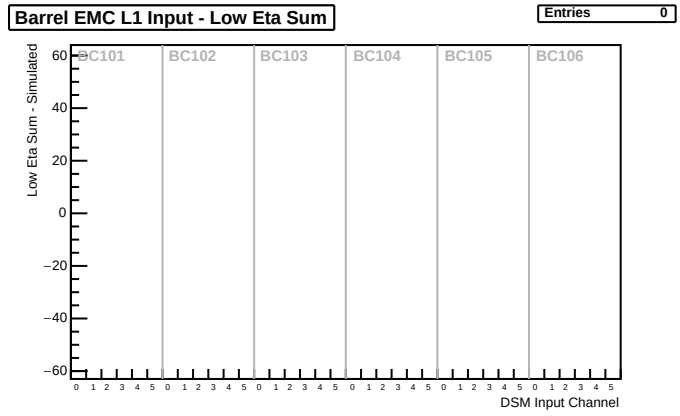

Barrel EMC L0 Input - High Tower
Entries 4.416012e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

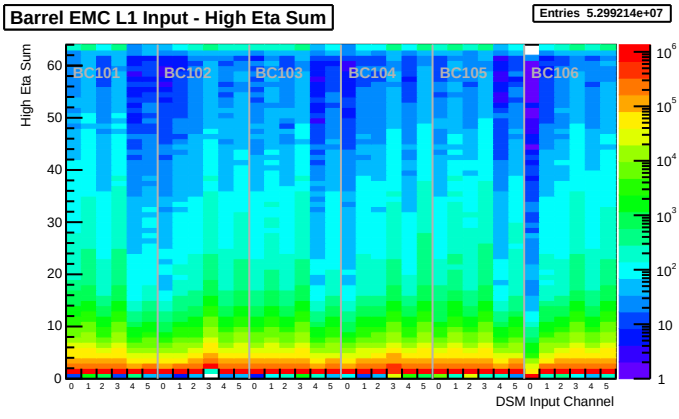

Barrel EMC L0 Input - Patch Sum
Entries 4.416012e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

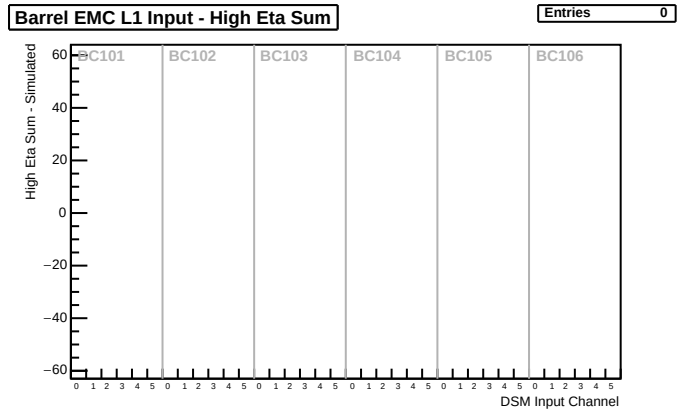

Endcap EMC L0 Input - High Tower
Entries 1.324804e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

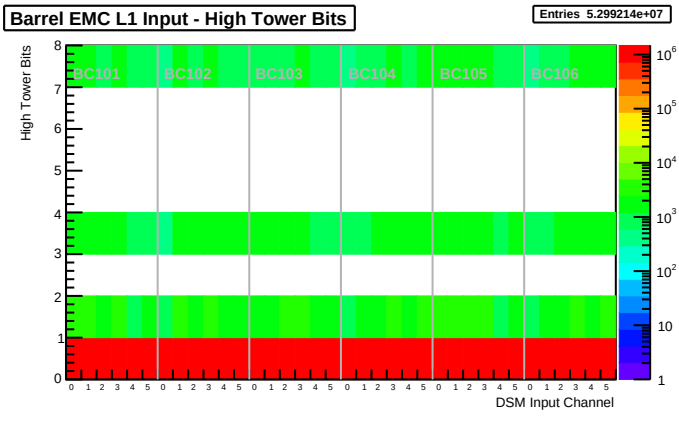

Endcap EMC L0 Input - Patch Sum
Entries 1.324804e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

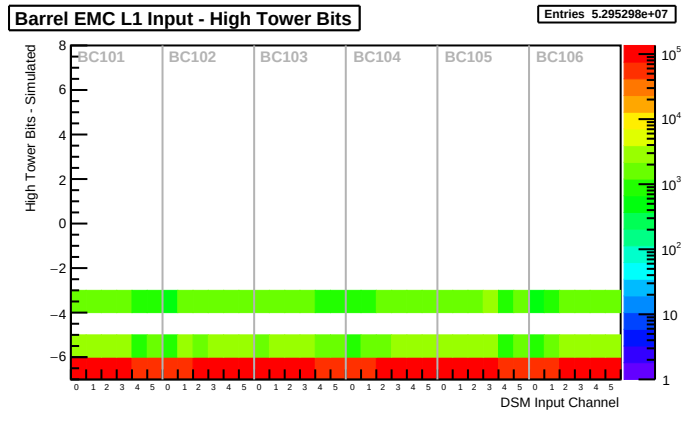

Barrel EMC L1 Input - Low Eta Sum
Entries 5.299214e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

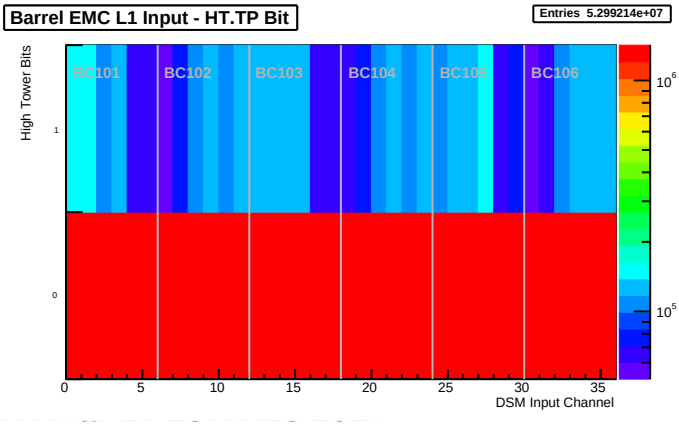

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

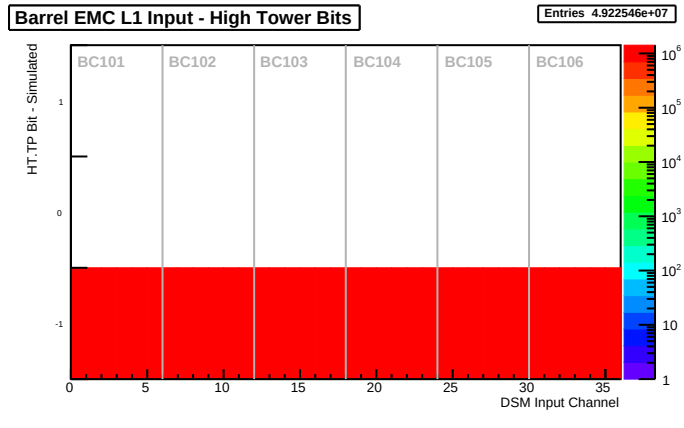

Barrel EMC L1 Input - High Eta Sum
Entries 5.299214e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

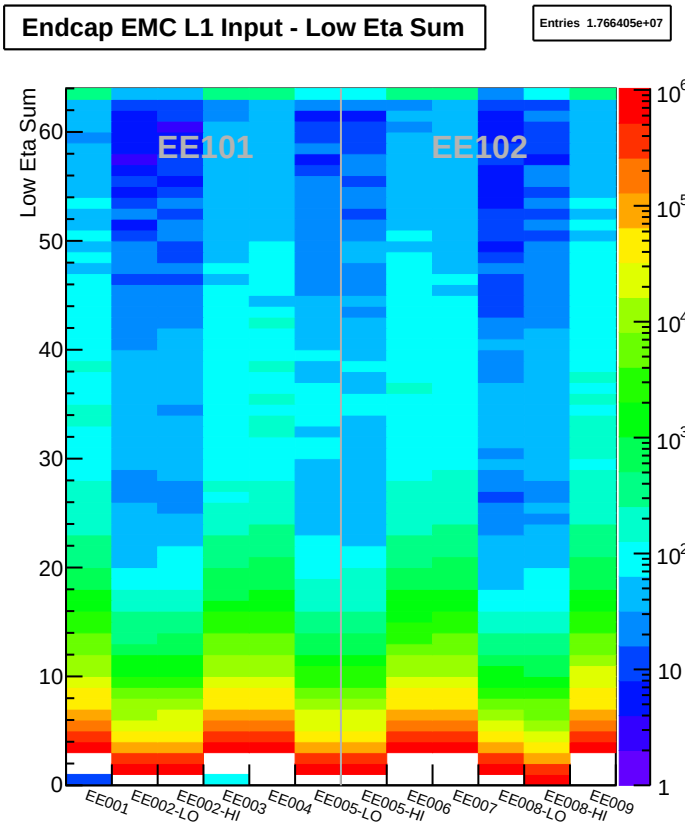

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

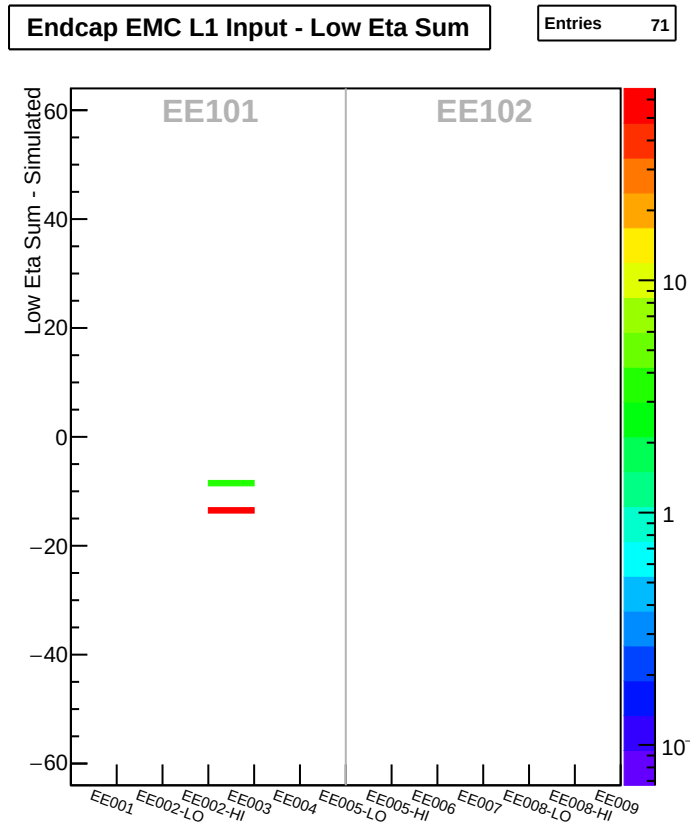

Barrel EMC L1 Input - High Tower Bits
Entries 5.299214e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

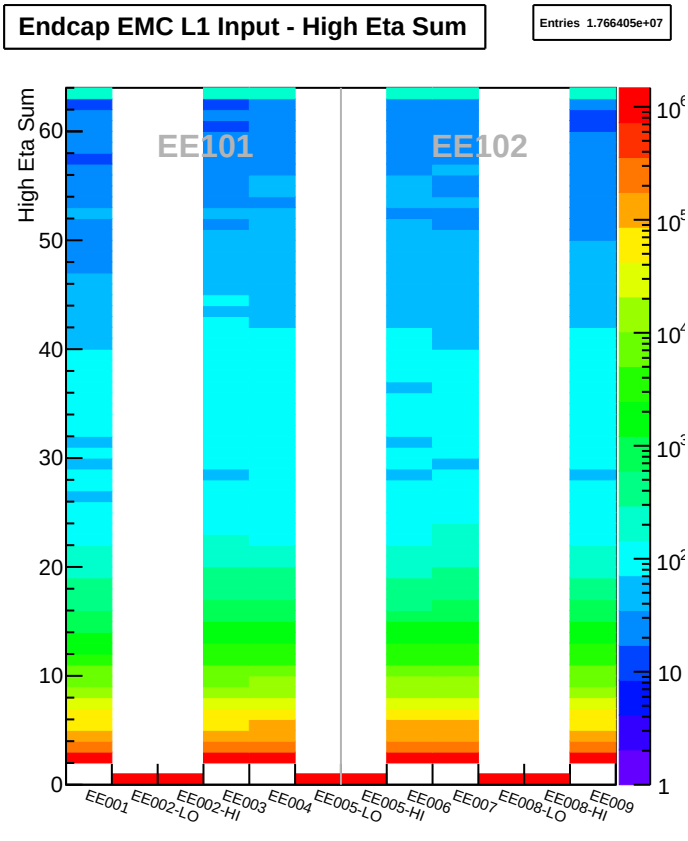

Barrel EMC L1 Input - High Tower Bits
Entries 5.295298e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

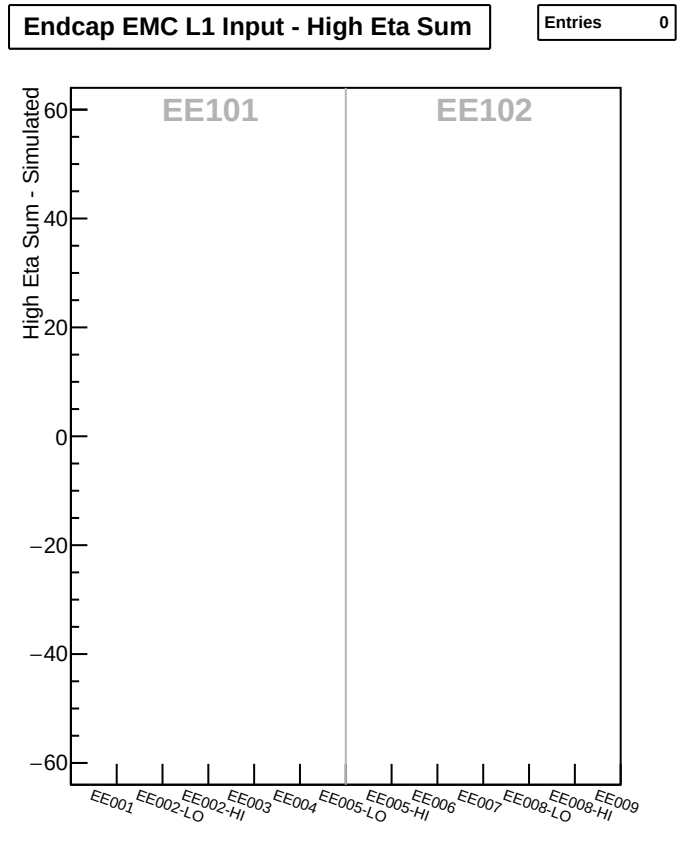

Barrel EMC L1 Input - HT.TP Bit
Entries 5.299214e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

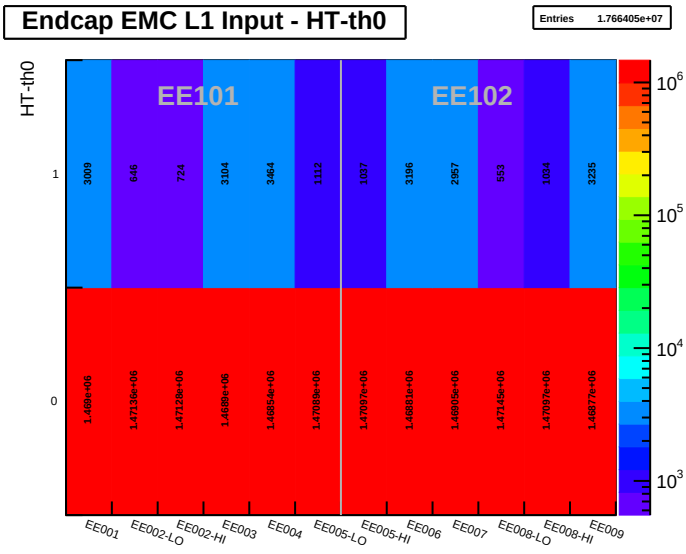

Barrel EMC L1 Input - High Tower Bits
Entries 4.922546e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

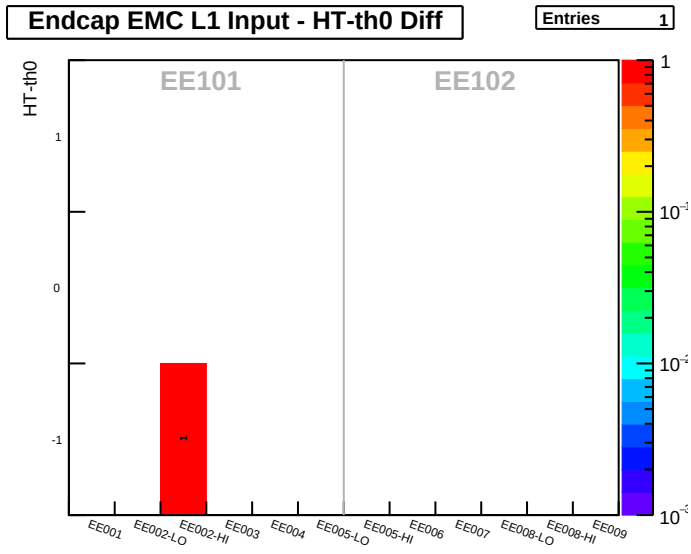

Endcap EMC L1 Input - Low Eta Sum
Entries 1.766405e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

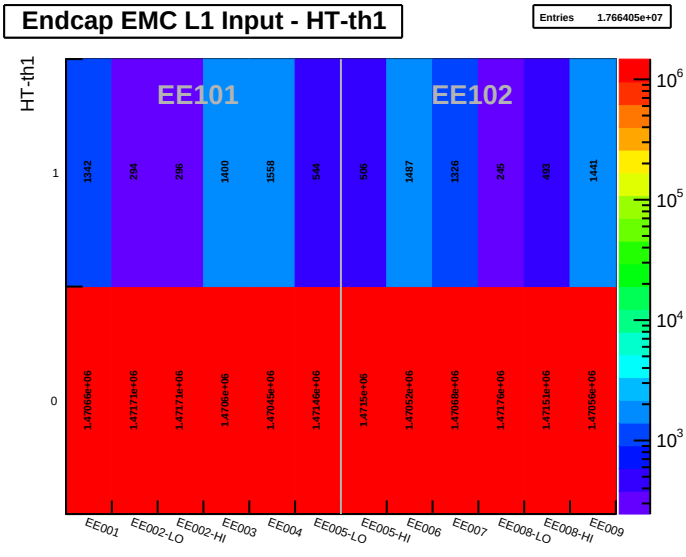

Endcap EMC L1 Input - Low Eta Sum
Entries 71
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

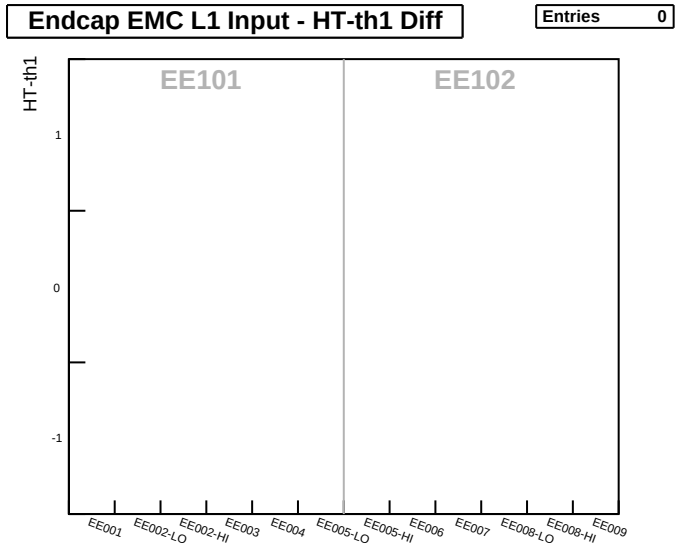

Endcap EMC L1 Input - High Eta Sum
Entries 1.766405e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

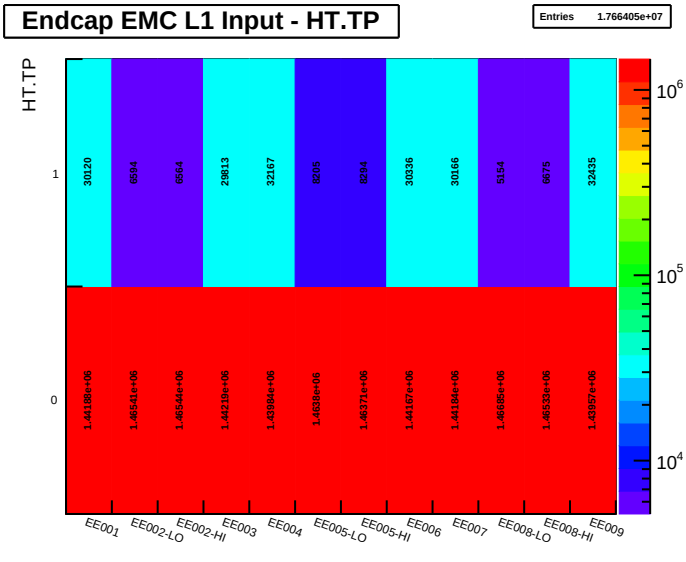

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

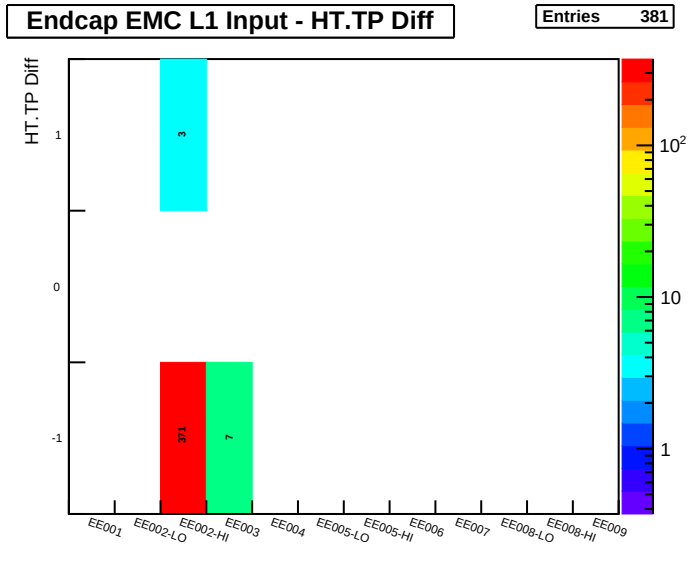

Endcap EMC L1 Input - HT-th0
Entries 1.766405e+07
HT-th0
EE101
EE102
3009 646 724 3104 3464 1112 1037 3196 2957 553 1034 3235
1.469e+06 1.47139e+06 1.47128e+06 1.4689e+06 1.46854e+06 1.47089e+06 1.47097e+06 1.46881e+06 1.46905e+06 1.47145e+06 1.47097e+06 1.46877e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

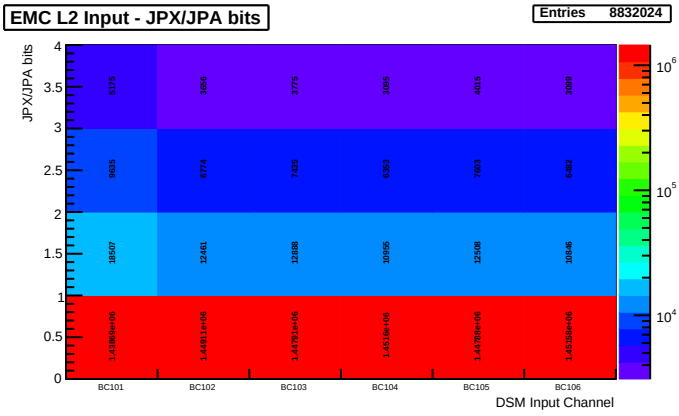

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
HT-th0
EE101
EE102
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

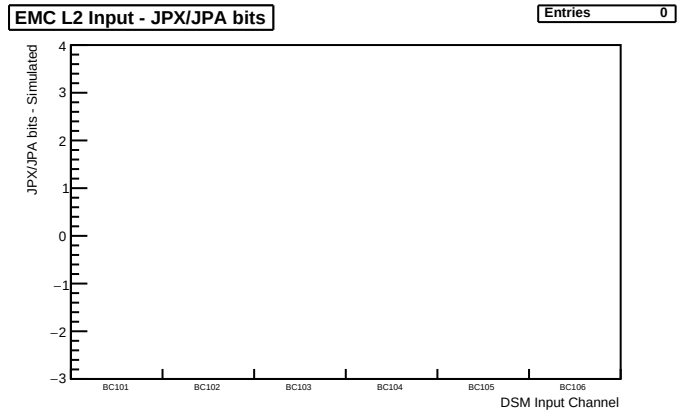

Endcap EMC L1 Input - HT-th1
Entries 1.766405e+07
HT-th1
EE101
EE102
1342 294 296 1400 1558 544 506 1487 1326 245 493 1441
1.47066e+06 1.47171e+06 1.47171e+06 1.4706e+06 1.47045e+06 1.47146e+06 1.4715e+06 1.47052e+06 1.47058e+06 1.47176e+06 1.47151e+06 1.47056e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

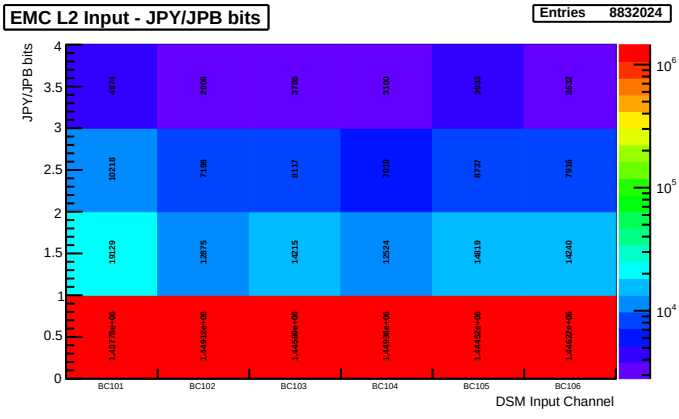

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

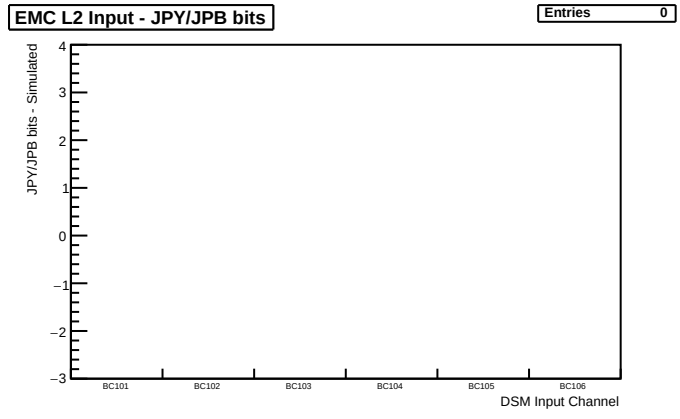

Endcap EMC L1 Input - HT.TP
Entries 1.766405e+07
HT.TP
30120 6594 6564 29813 32167 8205 8294 30336 30166 5154 6675 32435
1.44188e+06 1.46541e+06 1.46544e+06 1.44219e+06 1.43984e+06 1.4638e+06 1.46371e+06 1.44167e+06 1.44184e+06 1.46685e+06 1.46533e+06 1.43957e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

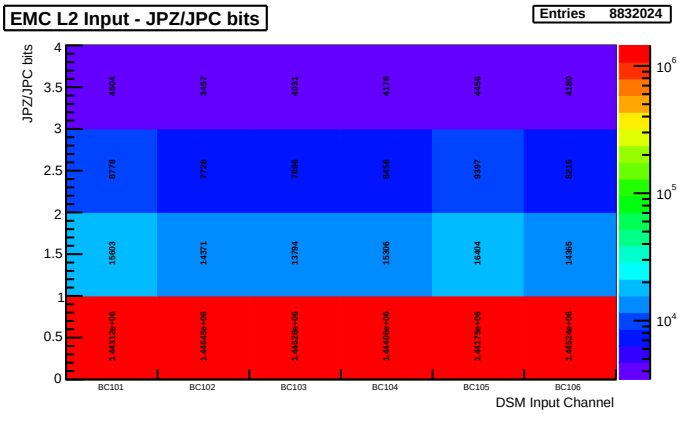

Endcap EMC L1 Input - HT.TP Diff
Entries 381
HT.TP Diff
3
371
7
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

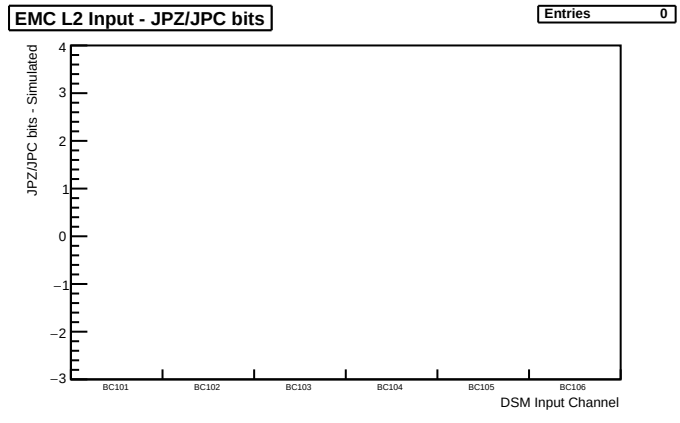

EMC L2 Input - JPX/JPA bits
Entries 8832024
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

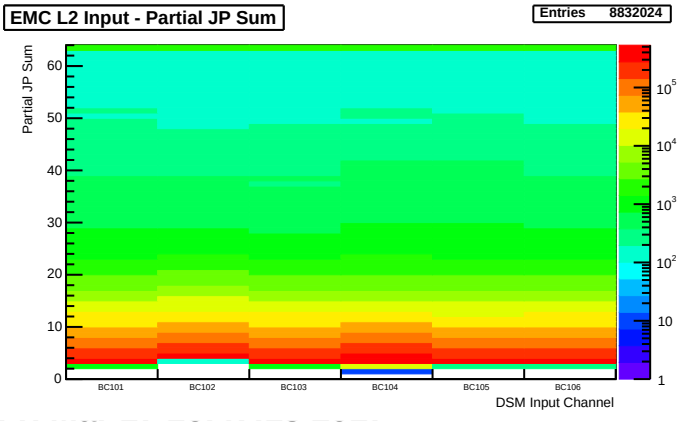

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

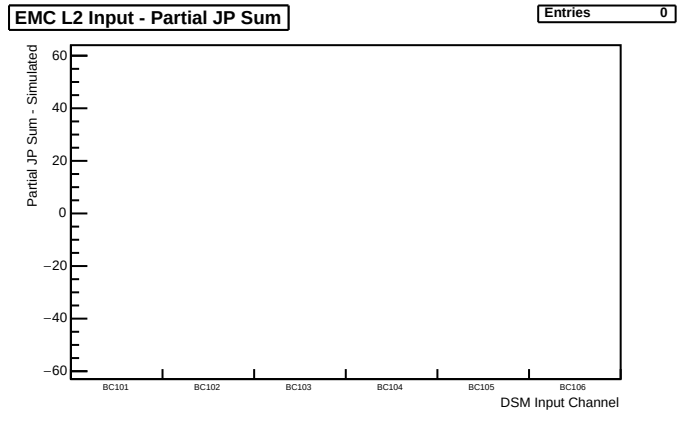

EMC L2 Input - JPY/JPB bits
Entries 8832024
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

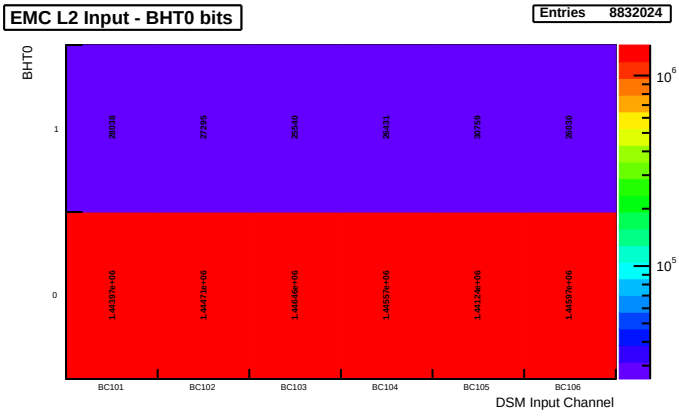

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

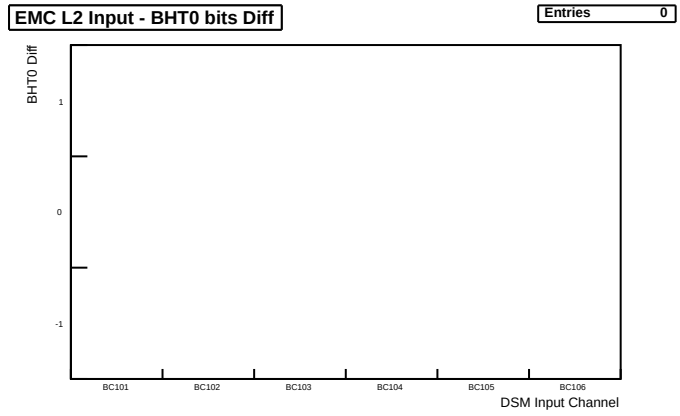

EMC L2 Input - JPZ/JPC bits
Entries 8832024
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

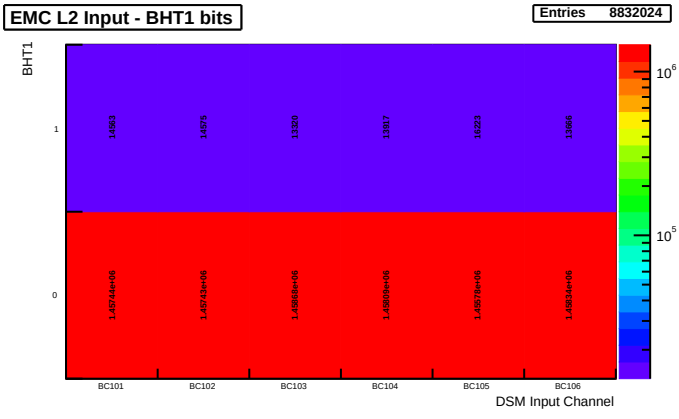

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

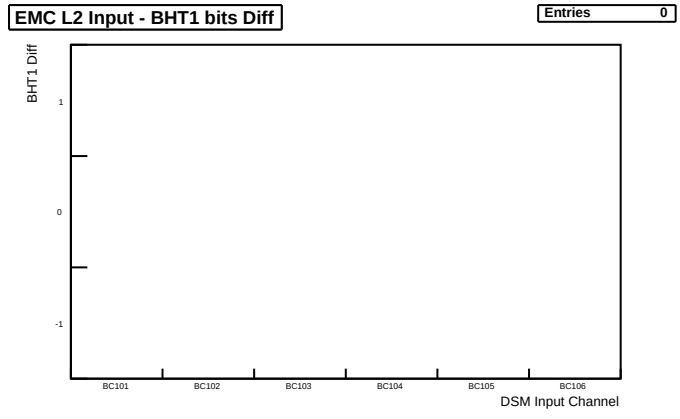

EMC L2 Input - Partial JP Sum
Entries 8832024
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

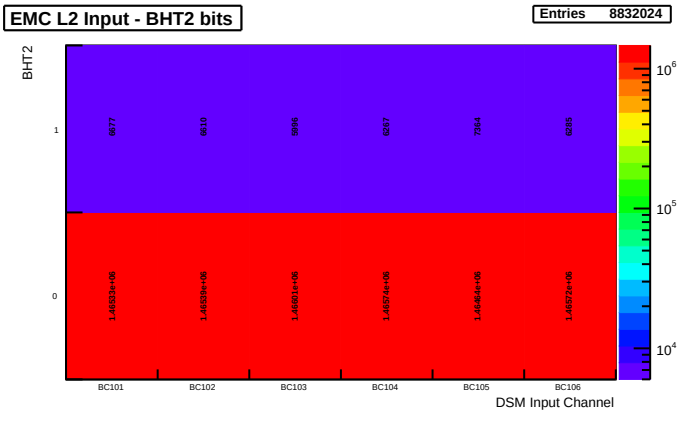

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

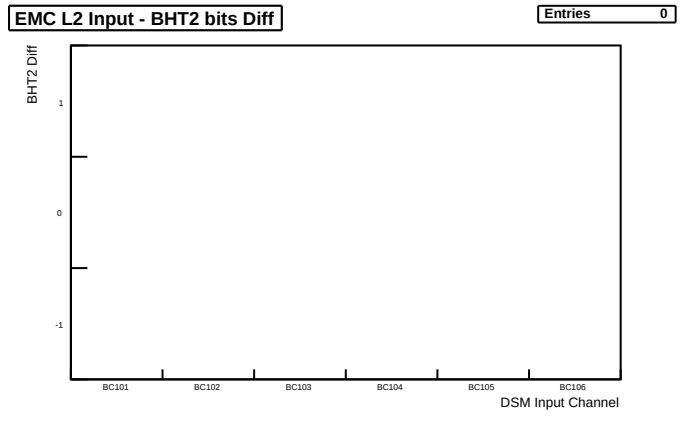

EMC L2 Input - BHT0 bits
Entries 8832024
BHT0
1
0
28038
27295
25540
26431
30759
26030
1.44397e+06
1.44479e+06
1.44649e+06
1.44557e+06
1.44124e+06
1.44597e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

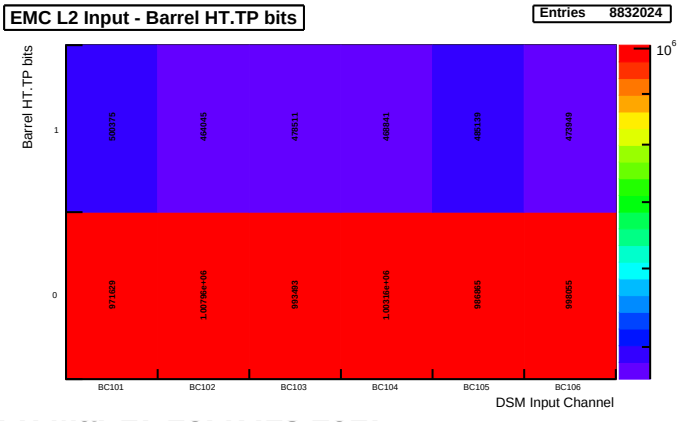

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

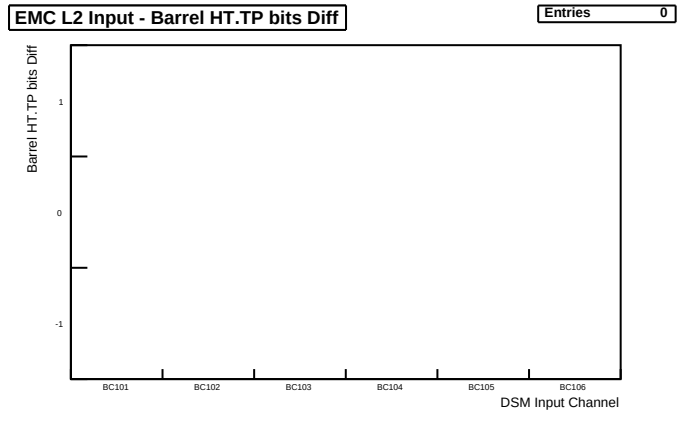

EMC L2 Input - BHT1 bits
Entries 8832024
BHT1
1
0
14563
14575
13320
13917
13223
13666
1.45744e+06
1.45743e+06
1.45868e+06
1.45809e+06
1.45578e+06
1.45834e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

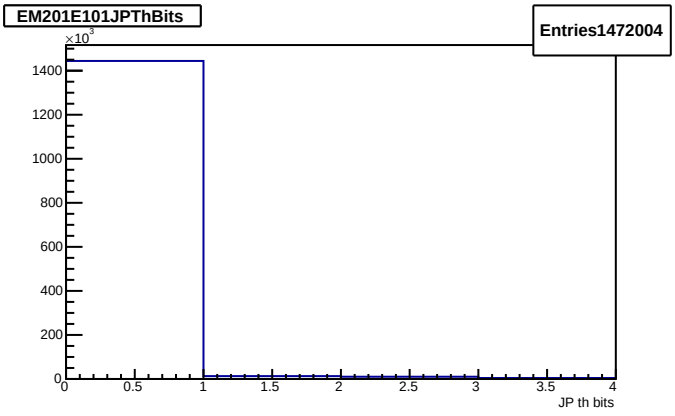

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

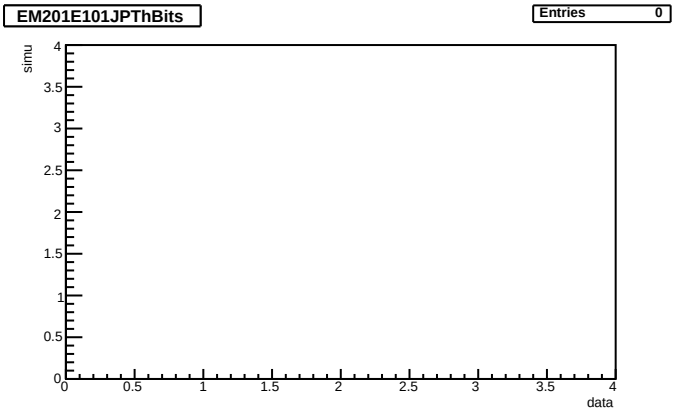

EMC L2 Input - BHT2 bits
Entries 8832024
BHT2
1
0
6677
6610
5996
6267
7354
6285
1.46533e+06
1.46539e+06
1.46601e+06
1.46574e+06
1.46464e+06
1.46572e+06
10^6
10^5
10^4
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

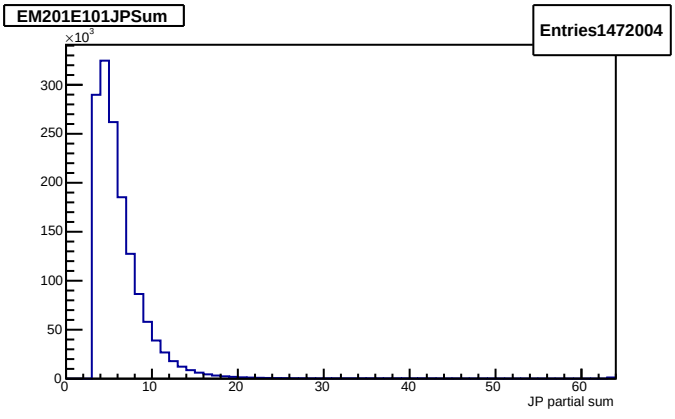

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

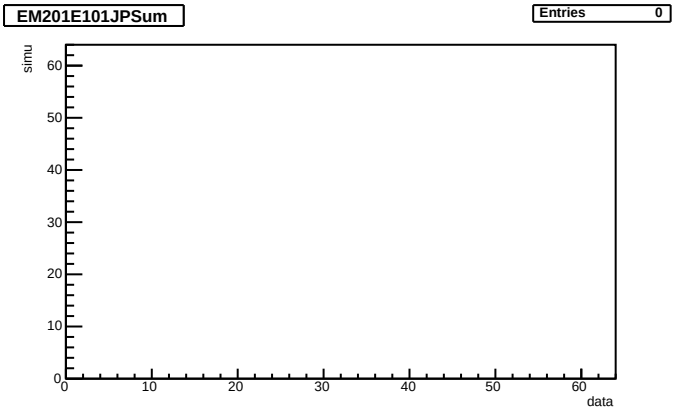

EMC L2 Input - Barrel HT.TP bits
Entries 8832024
Barrel HT.TP bits
1
0
500375
464045
476511
468841
485139
473849
971029
1.00799e+06
993403
1.00316e+06
998865
998865
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

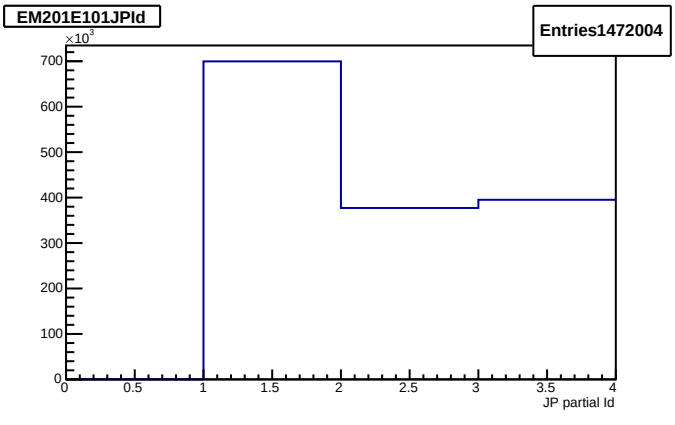

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

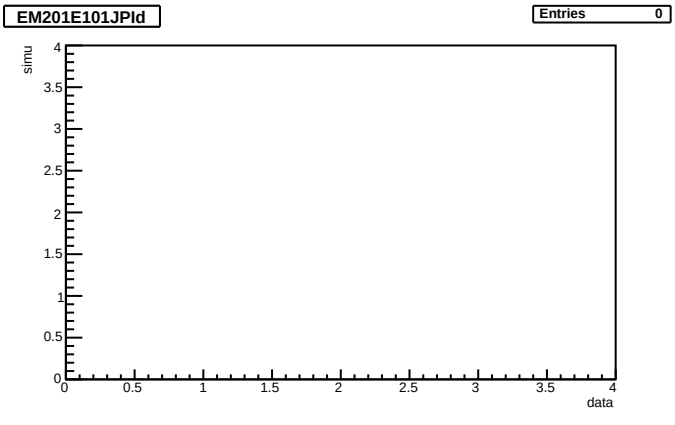

EM201E101JPThBits
Entries1472004
×10^3
JP th bits

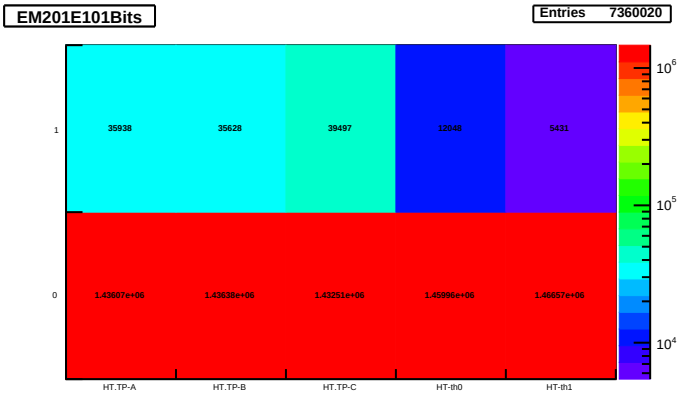

EM201E101JPThBits
Entries 0
simu
data

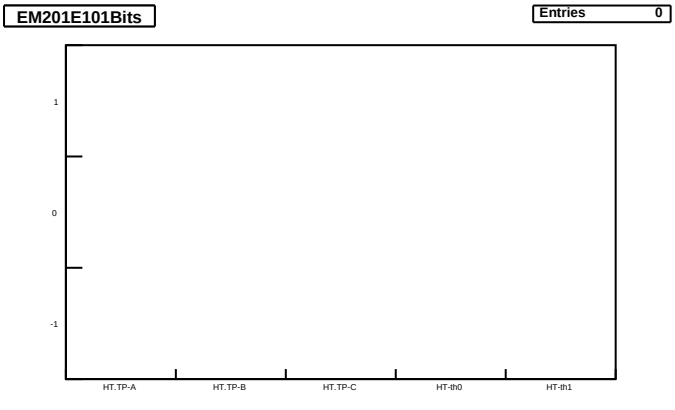

EM201E101JPSum
Entries1472004
×10^3
JP partial sum

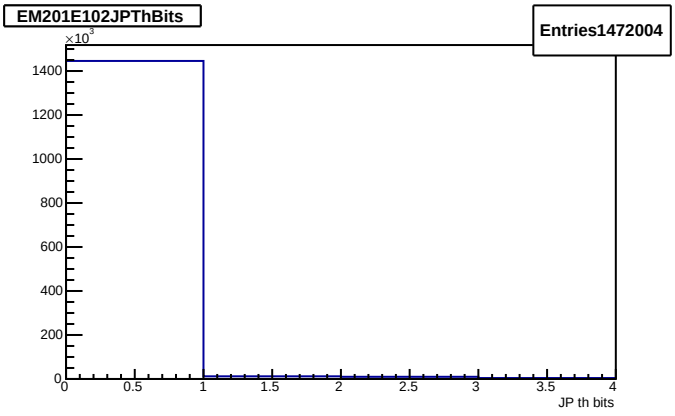

EM201E101JPSum
Entries 0
simu
data

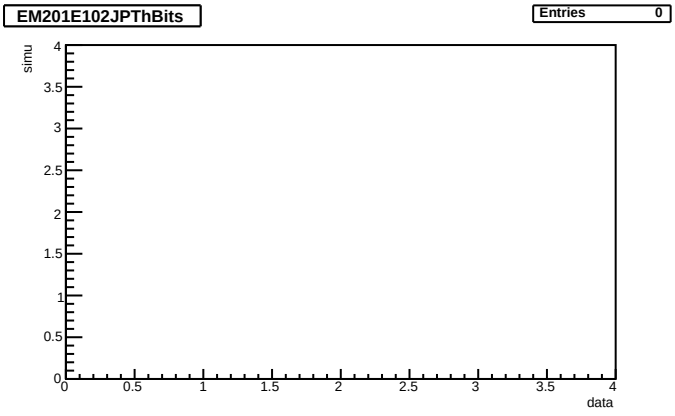

EM201E101JPId
Entries1472004
×10^3
JP partial Id

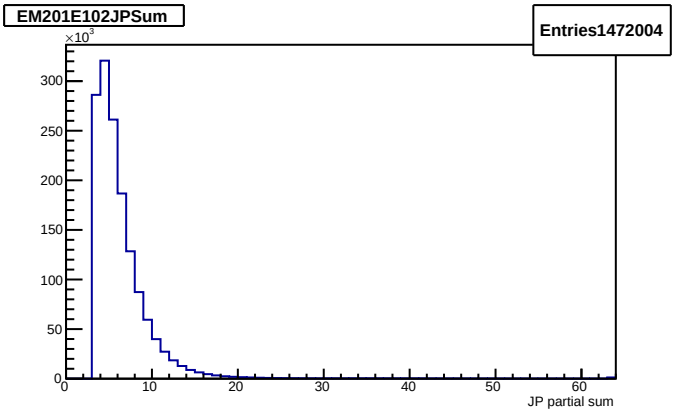

EM201E101JPId
Entries 0
simu
data

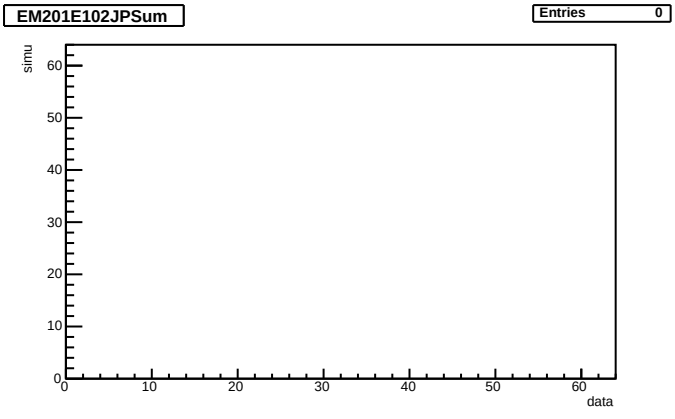

EM201E101Bits
Entries 7360020
35938
35628
39497
12048
5431
1.43607e+06
1.43638e+06
1.43251e+06
1.45996e+06
1.46657e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

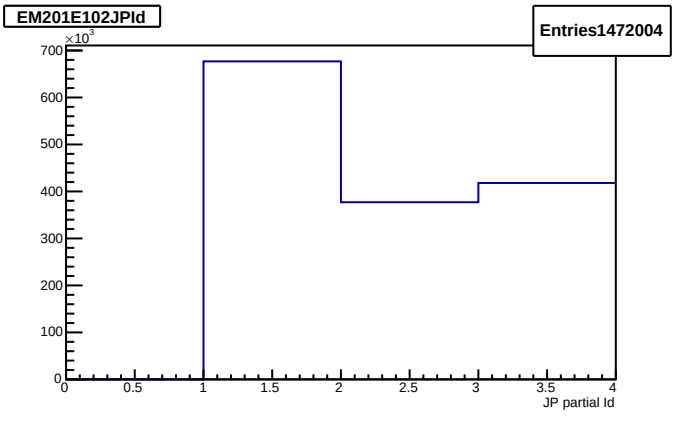

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

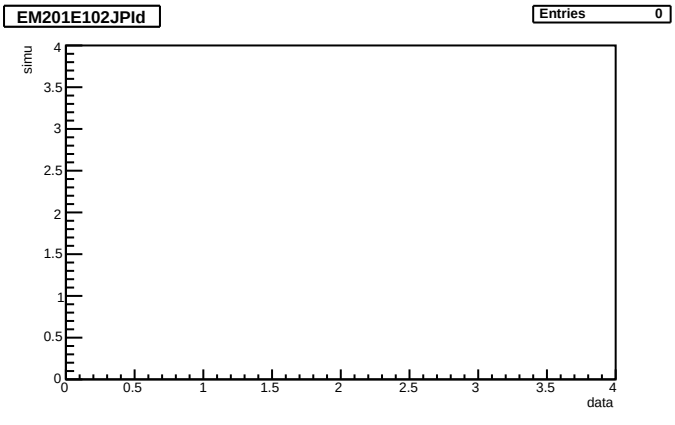

EM201E102JPThBits
Entries1472004
×10^3
JP th bits

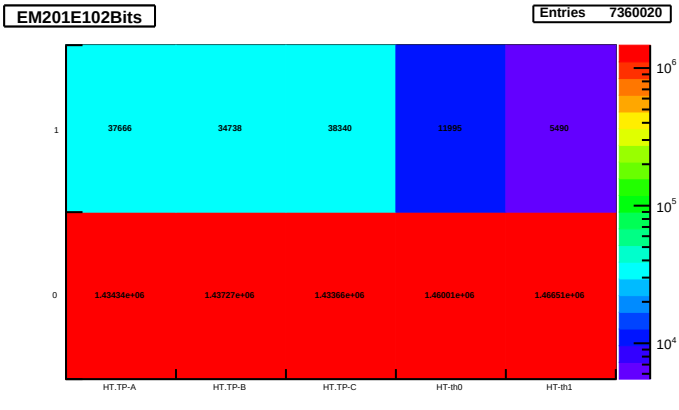

EM201E102JPThBits
Entries 0
simu
data

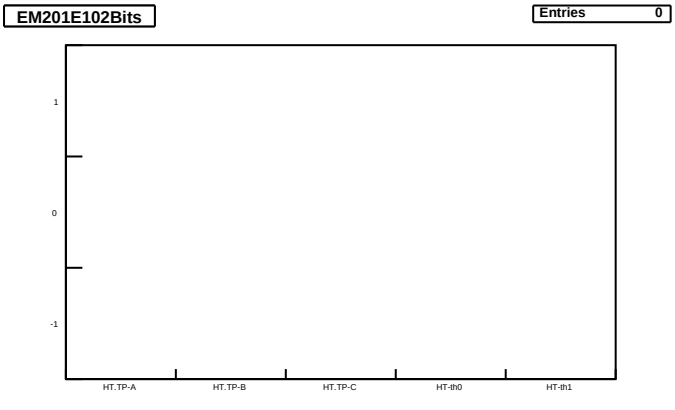

EM201E102JPSum
Entries1472004
×10^3
JP partial sum

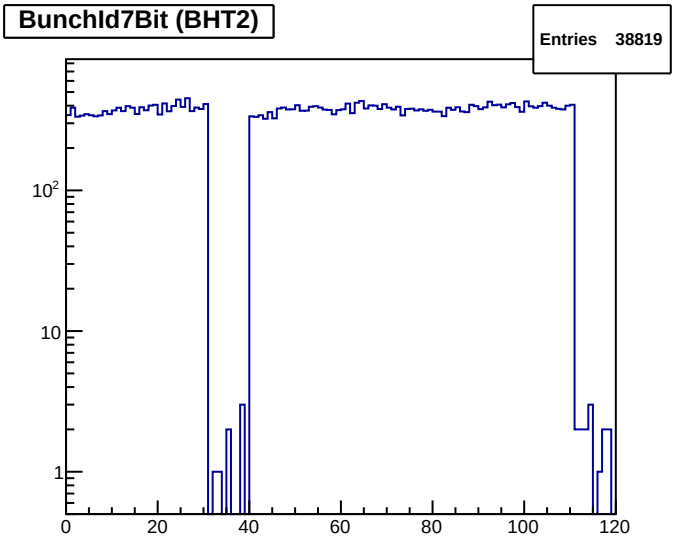

EM201E102JPSum
Entries 0
simu
data

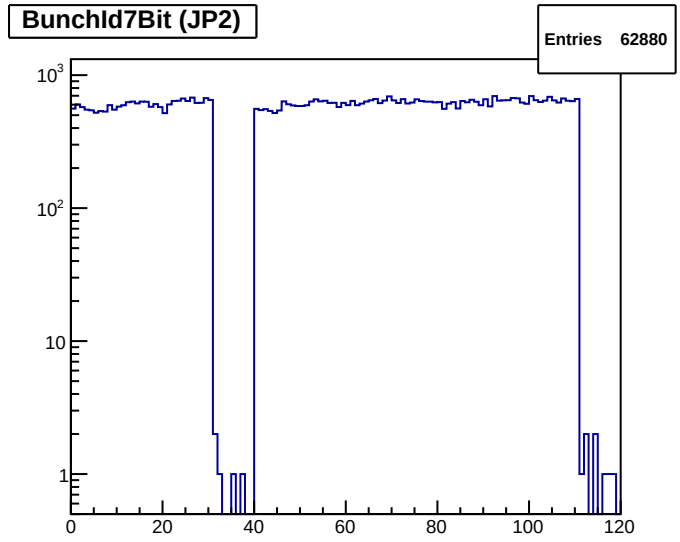

EM201E102JPId
Entries1472004
×10^3
JP partial Id

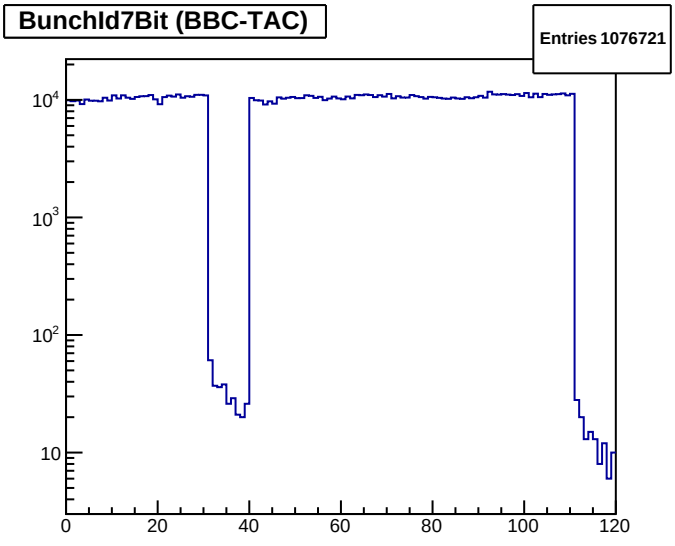

EM201E102JPId
Entries 0
simu
data

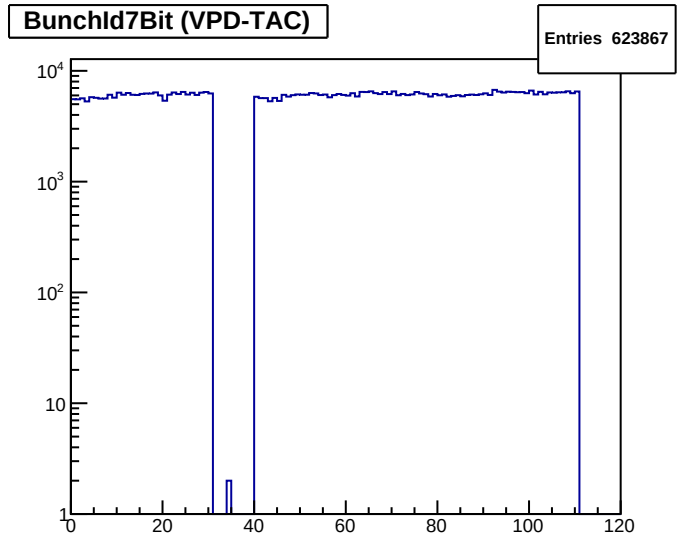

EM201E102Bits
Entries 7360020
37666
34738
38340
11995
5490
1.43434e+06
1.43727e+06
1.43366e+06
1.46001e+06
1.46651e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

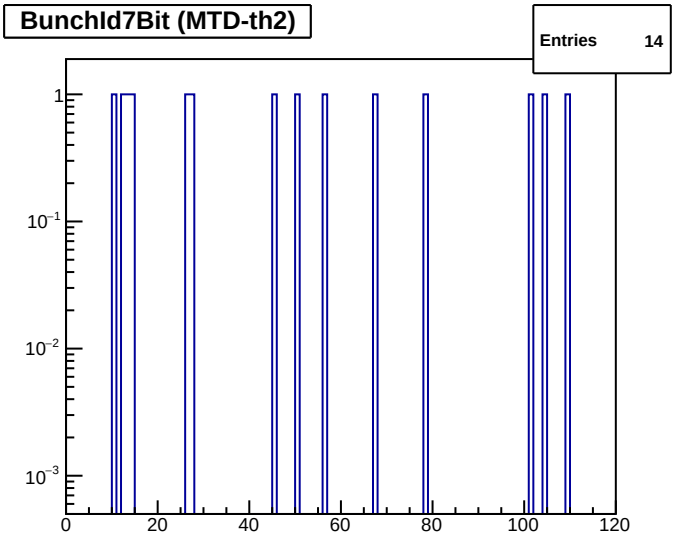

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

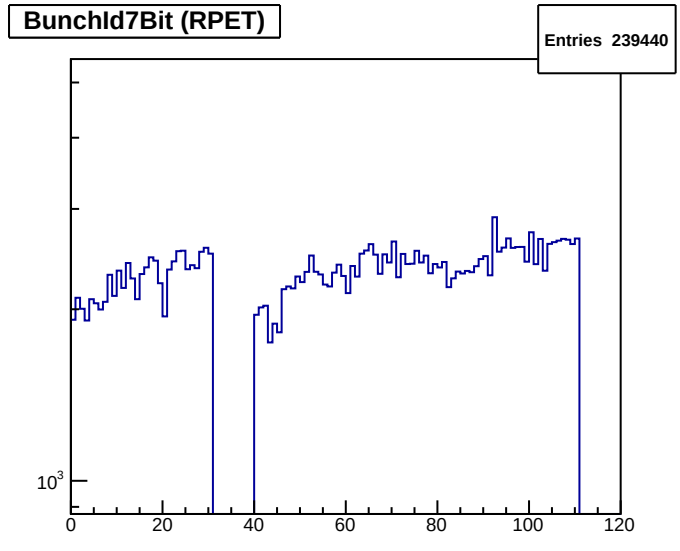

BunchId7Bit (BHT2)
Entries 38819

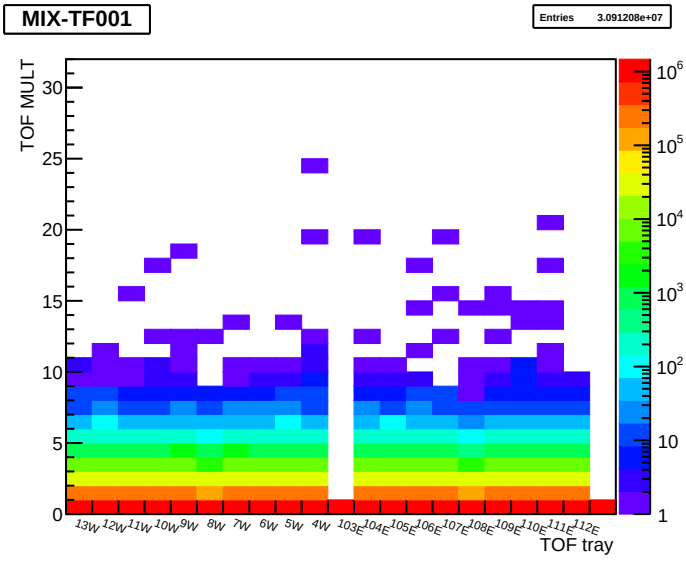

BunchId7Bit (JP2)
Entries 62880

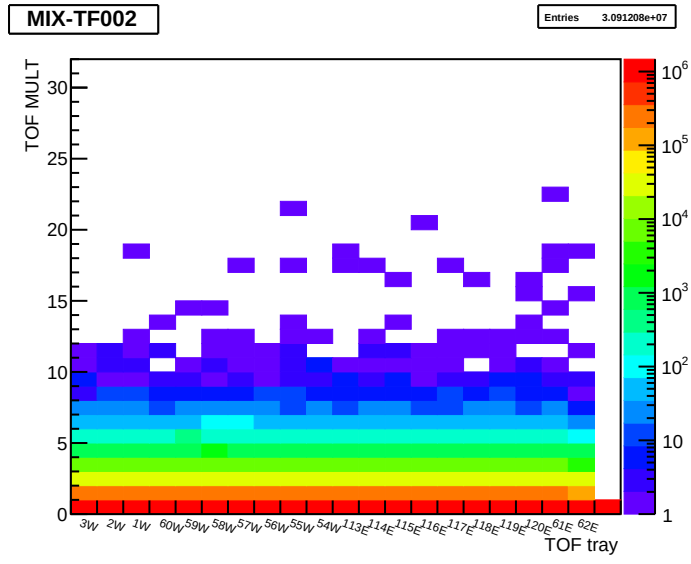

BunchId7Bit (BBC-TAC)
Entries 1076721

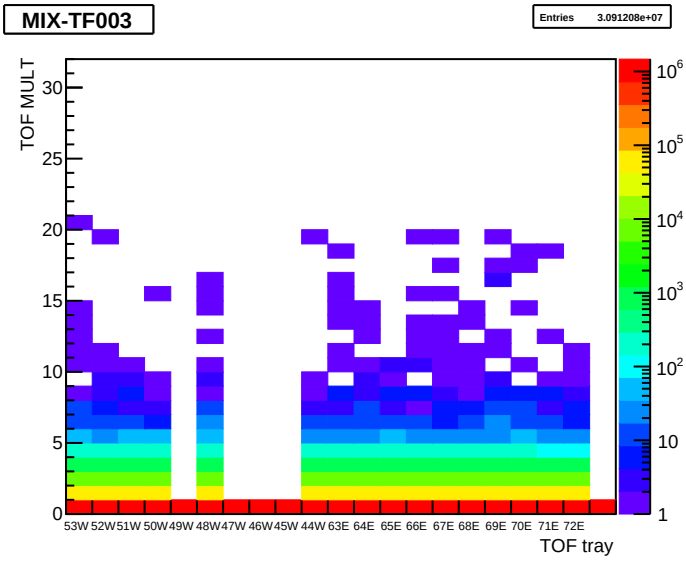

BunchId7Bit (VPD-TAC)
Entries 623867

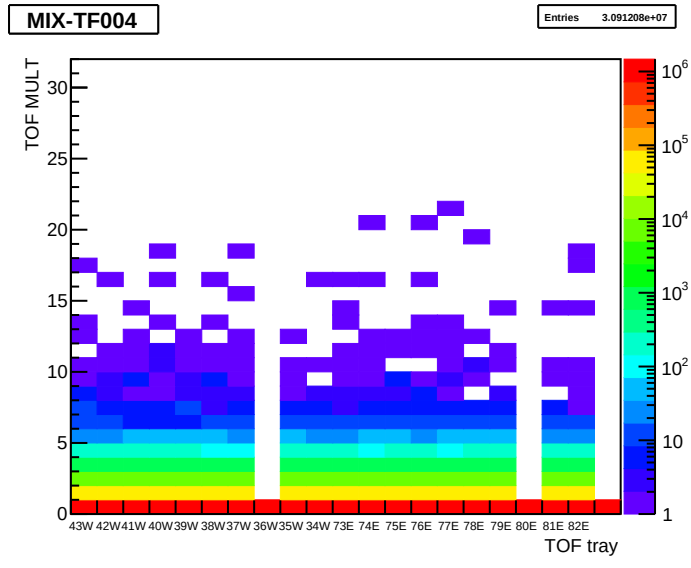

BunchId7Bit (MTD-th2)
Entries 14

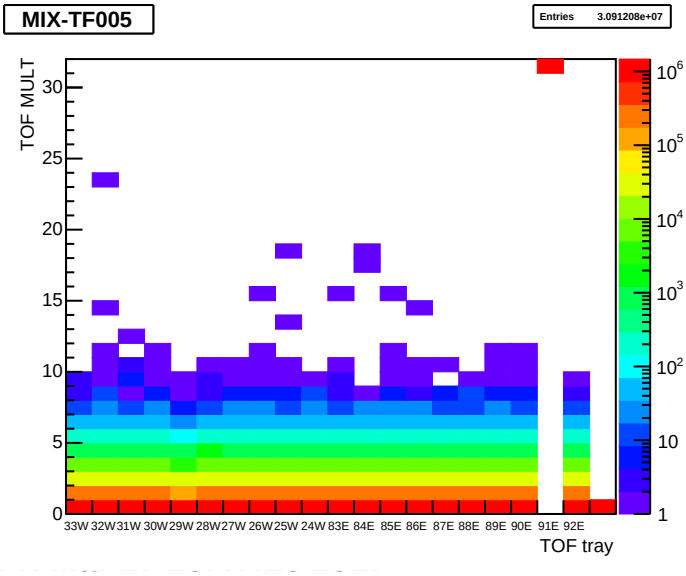

BunchId7Bit (RPET)
Entries 239440

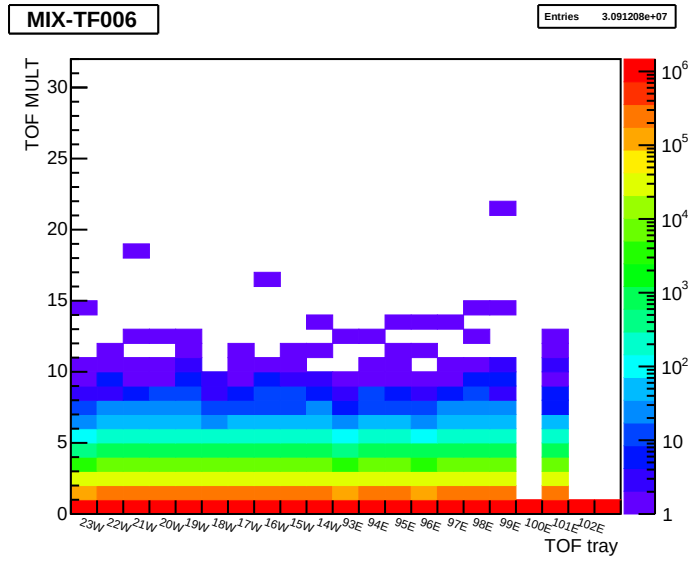

MIX-TF001
Entries 3.091208e+07
TOF MULT
TOF tray

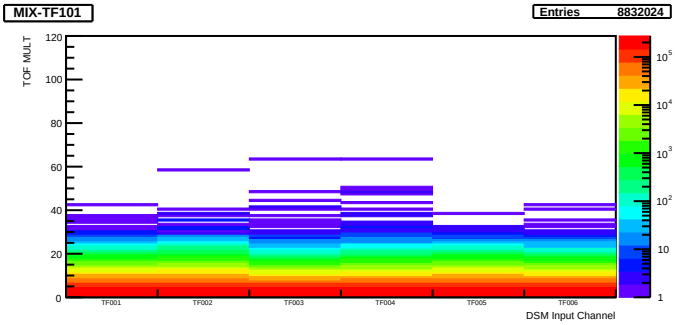

MIX-TF002
Entries 3.091208e+07
TOF MULT
TOF tray

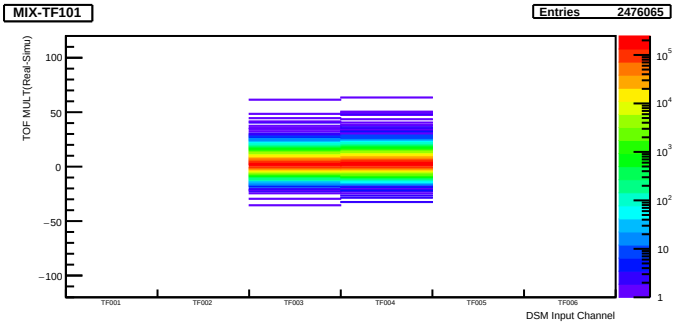

MIX-TF003
Entries 3.091208e+07
TOF MULT
TOF tray

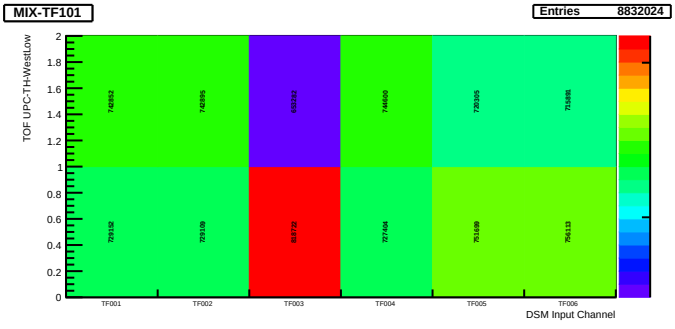

MIX-TF004
Entries 3.091208e+07
TOF MULT
TOF tray

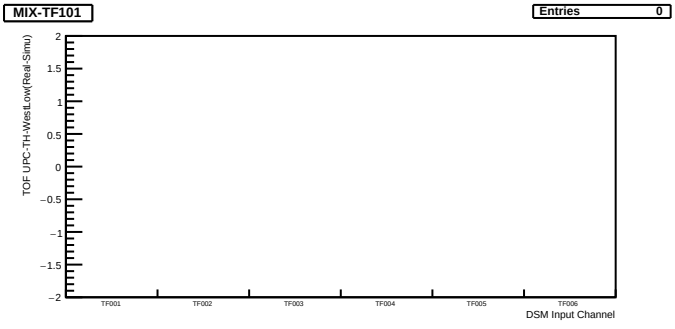

MIX-TF005
Entries 3.091208e+07
TOF MULT
TOF tray

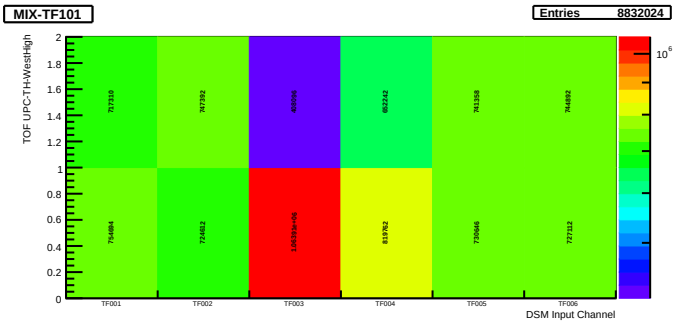

MIX-TF006
Entries 3.091208e+07
TOF MULT
TOF tray

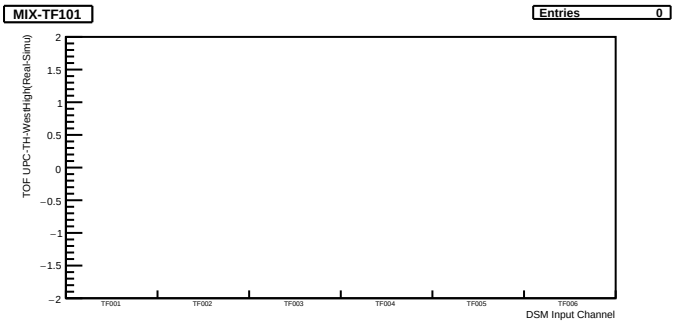

MIX-TF101
Entries 8832024
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

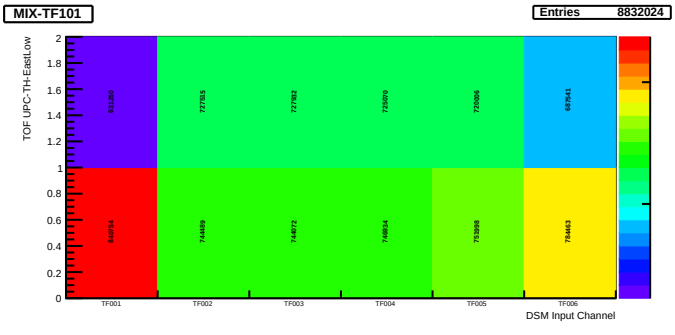

MIX-TF101
Entries 2476065
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

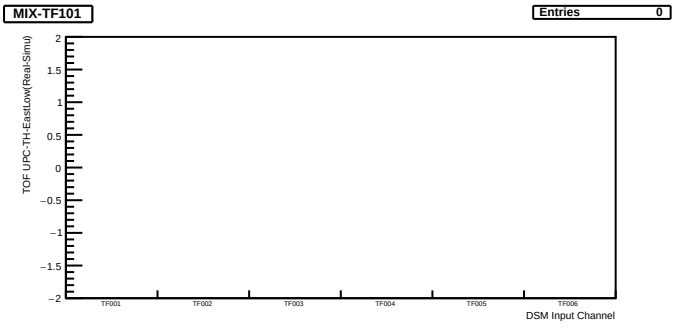

MIX-TF101
Entries 8832024
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

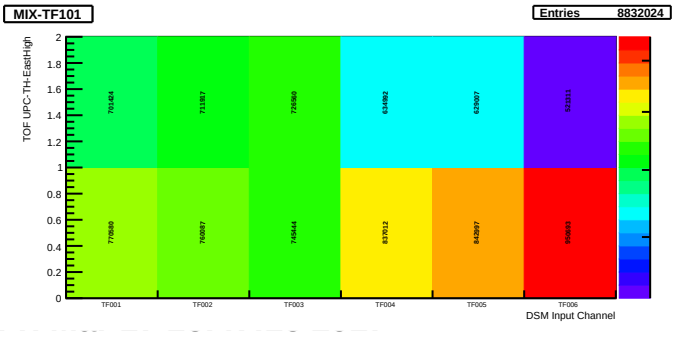

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

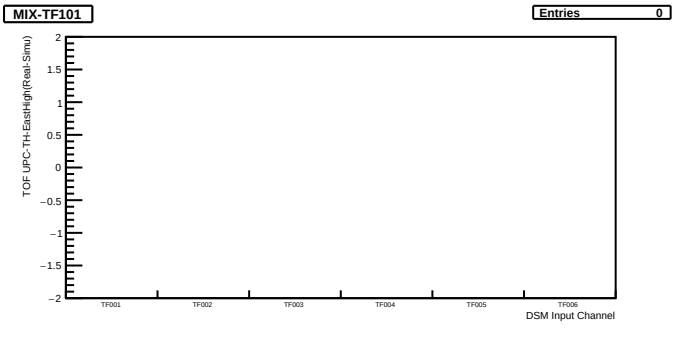

MIX-TF101
Entries 8832024
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

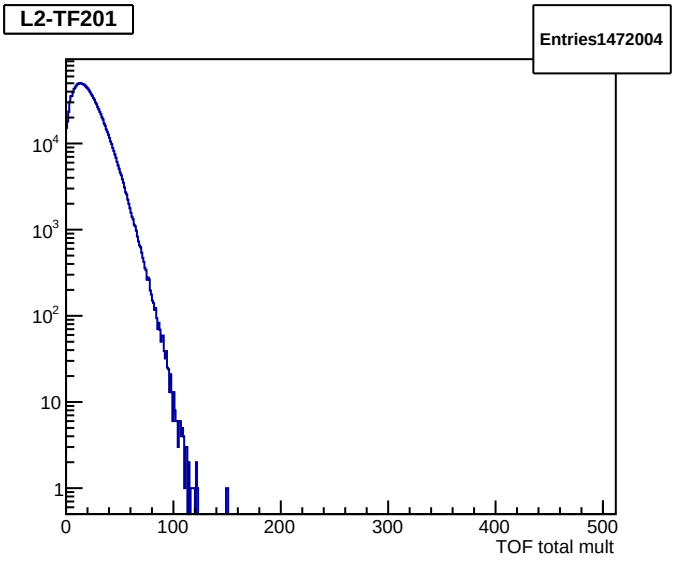

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

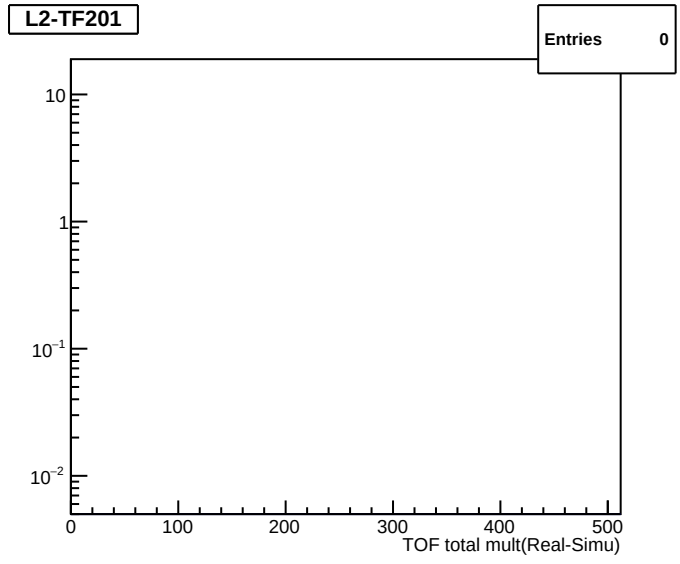

MIX-TF101
Entries 8832024
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

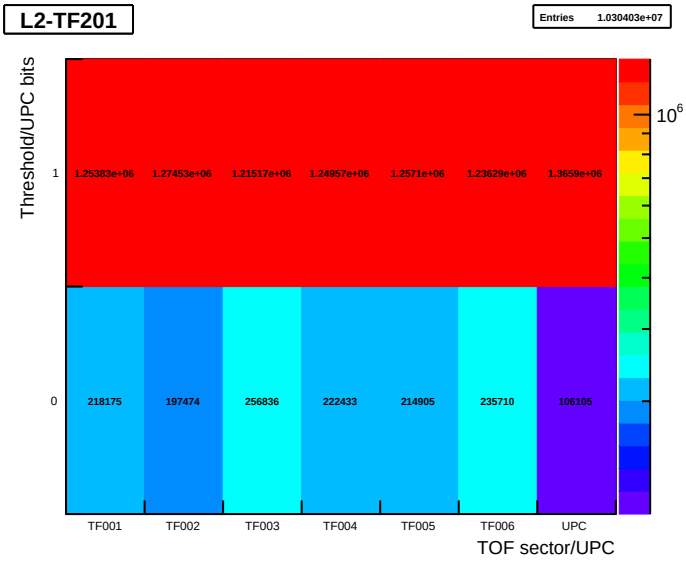

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

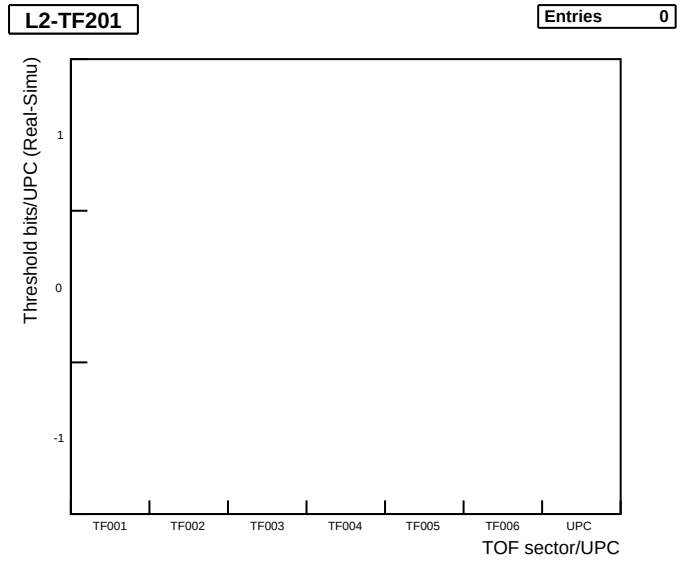

MIX-TF101
Entries 8832024
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

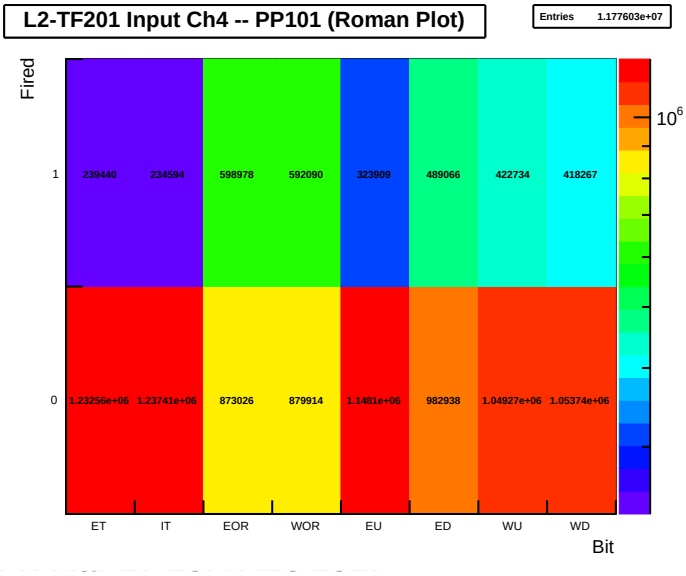

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

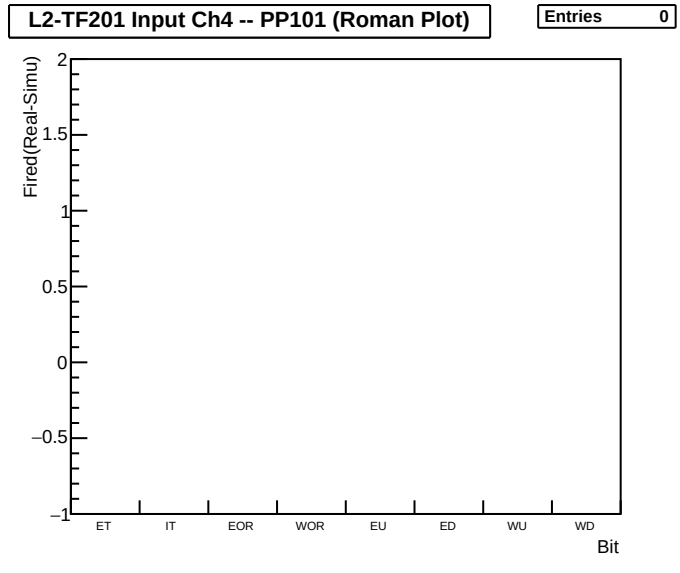

L2-TF201
Entries1472004
TOF total mult

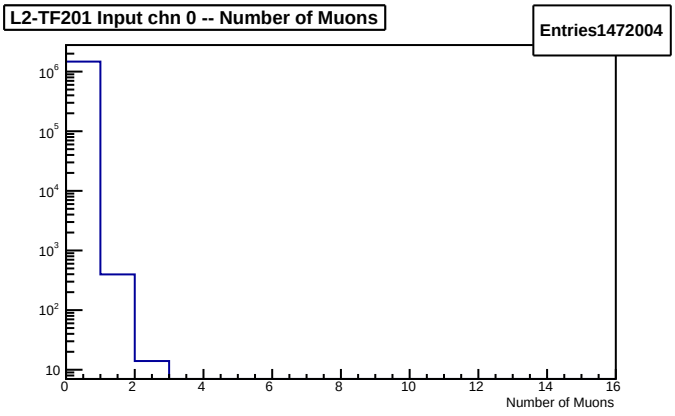

L2-TF201
Entries 0
TOF total mult(Real-Simu)

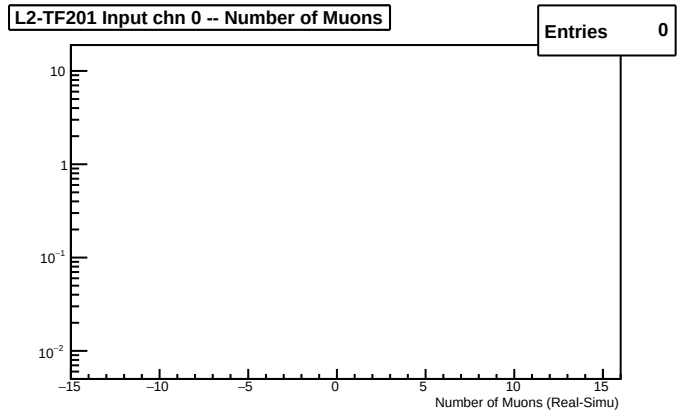

L2-TF201
Entries 1.030403e+07
Threshold/UPC bits
1.25383e+06
1.27453e+06
1.21517e+06
1.24957e+06
1.2571e+06
1.23629e+06
1.3659e+06
218175
197474
256836
222433
214905
235710
106105
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

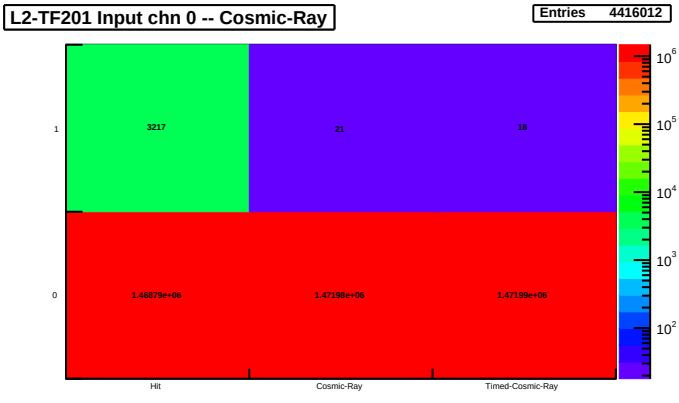

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

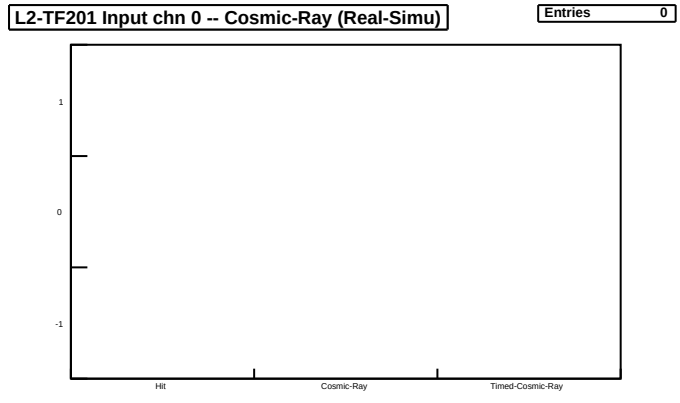

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.177603e+07
Fired
239440
234594
598978
592090
323909
489066
422734
418267
1.23256e+06
1.23741e+06
873026
879914
1.1481e+06
982938
1.04927e+06
1.05374e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

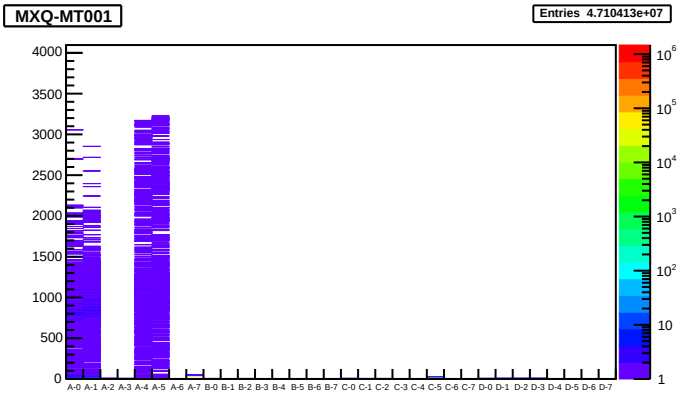

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

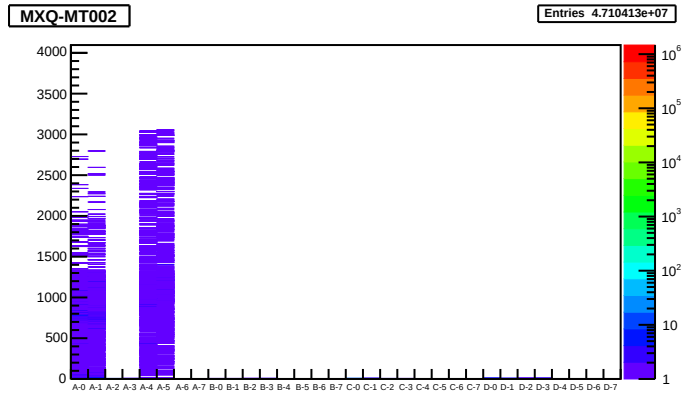

L2-TF201 Input chn 0 -- Number of Muons
Entries1472004
Number of Muons

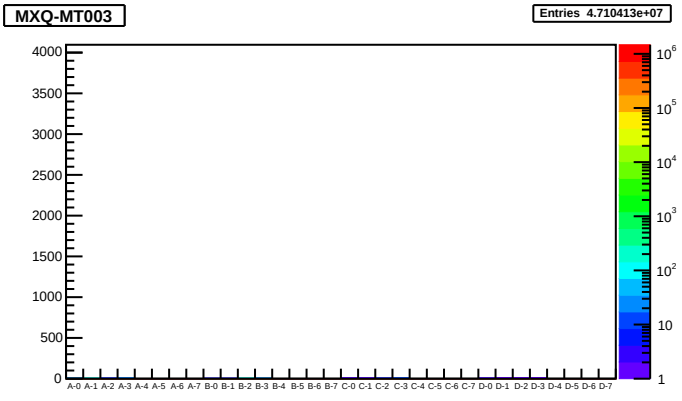

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

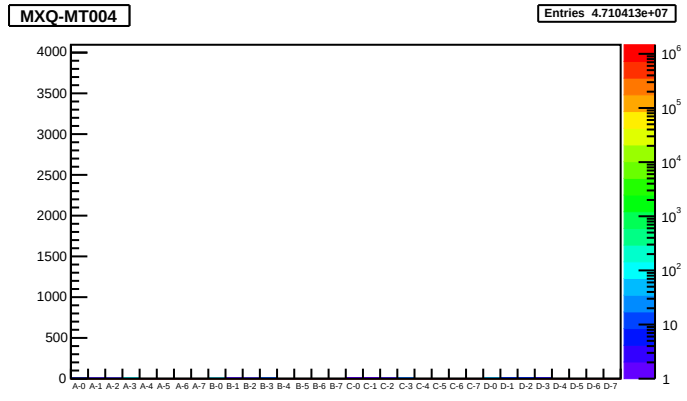

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4416012
3217
21
18
1.46879e+06
1.47198e+06
1.47199e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

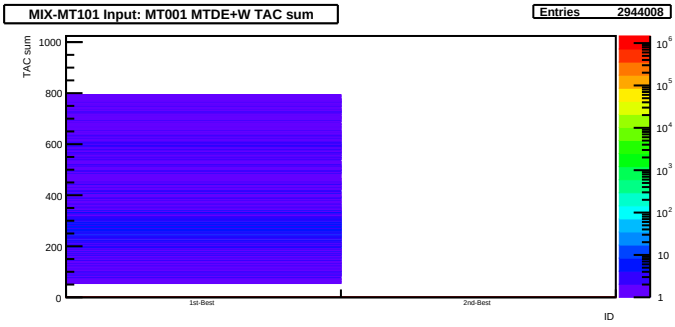

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

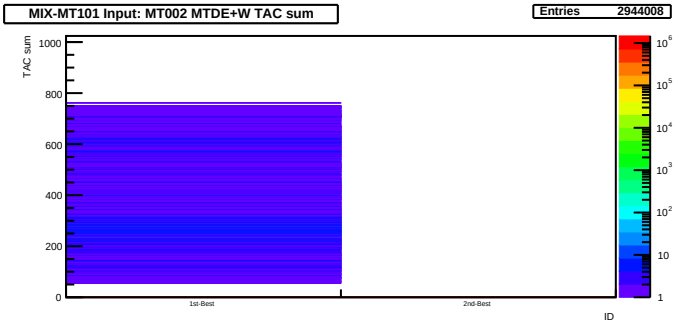

MXQ-MT001
Entries 4.710413e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

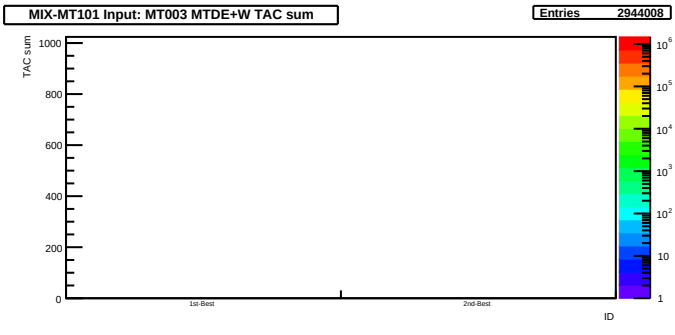

MXQ-MT002
Entries 4.710413e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

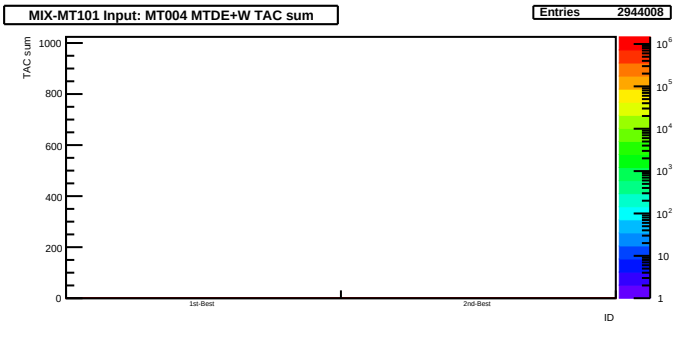

MXQ-MT003
Entries 4.710413e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

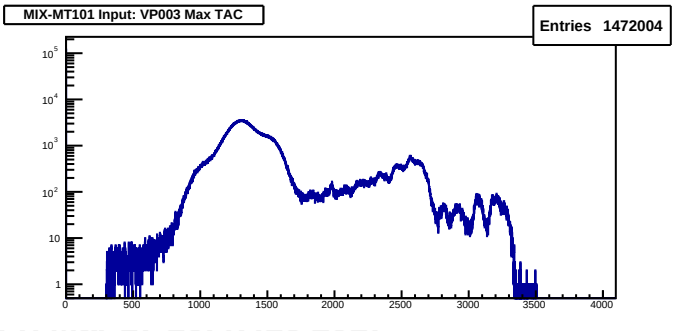

MXQ-MT004
Entries 4.710413e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

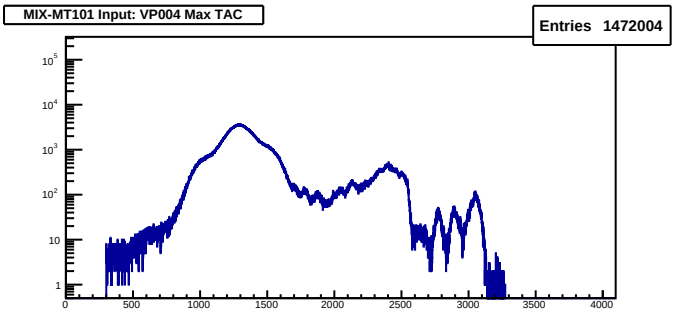

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2944008
TAC sum
1st-Best
2nd-Best
ID

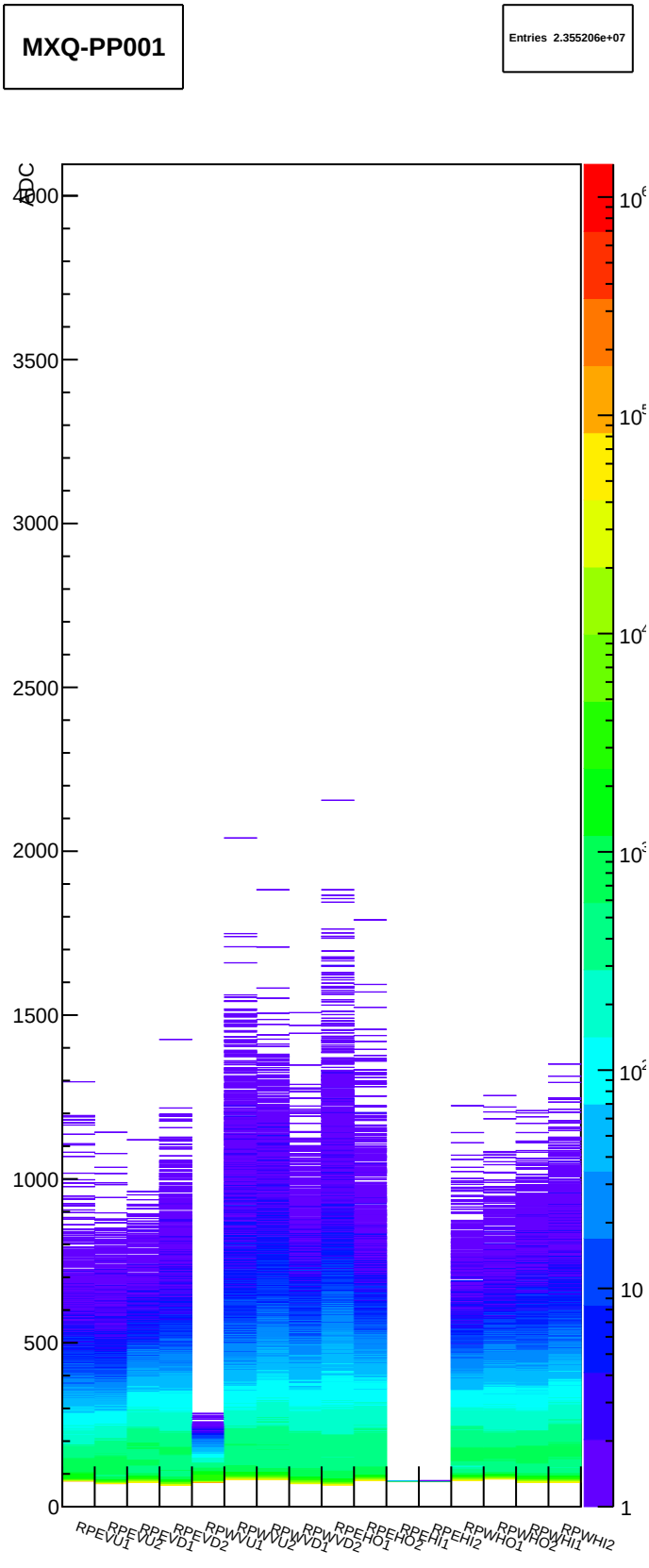

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2944008
TAC sum
1st-Best
2nd-Best
ID

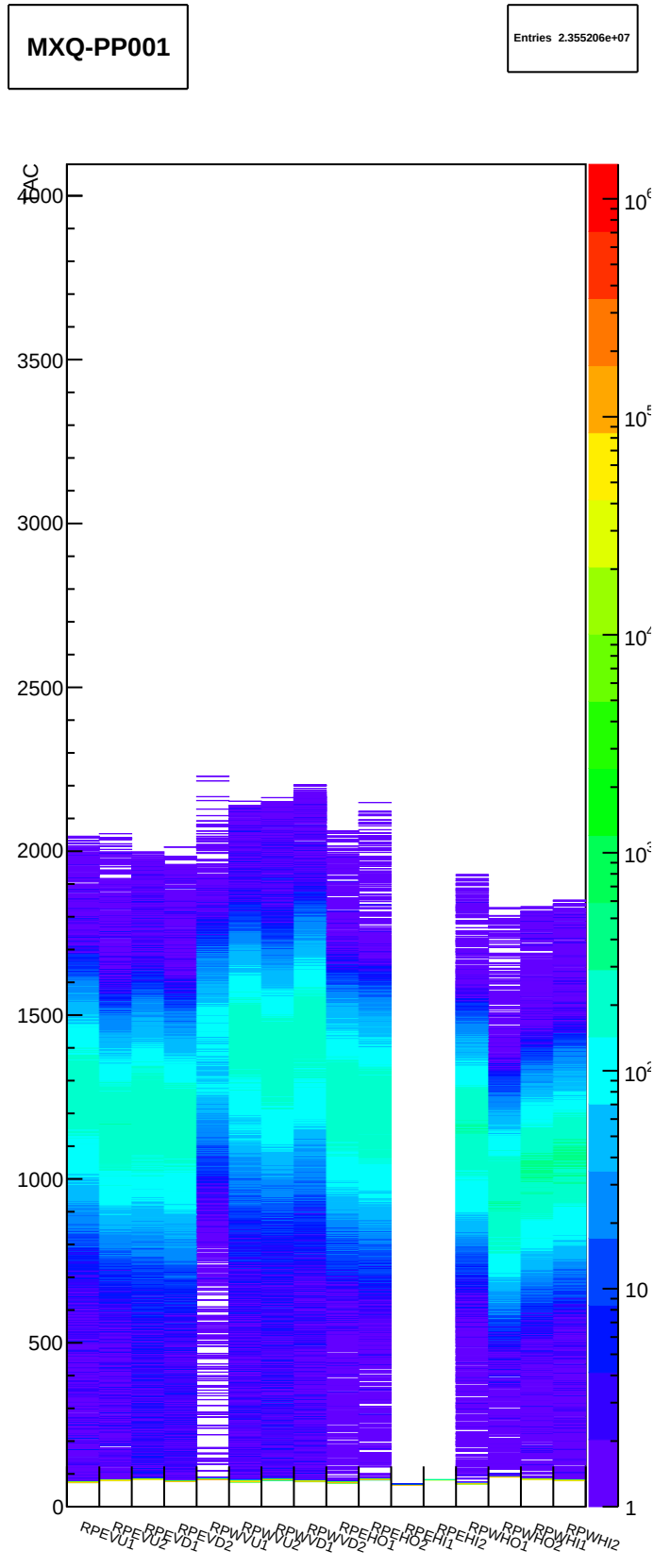

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2944008
TAC sum
1st-Best
2nd-Best
ID

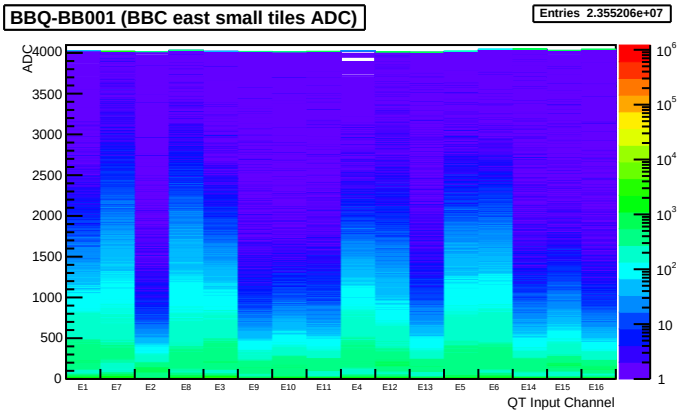

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2944008
TAC sum
1st-Best
2nd-Best
ID

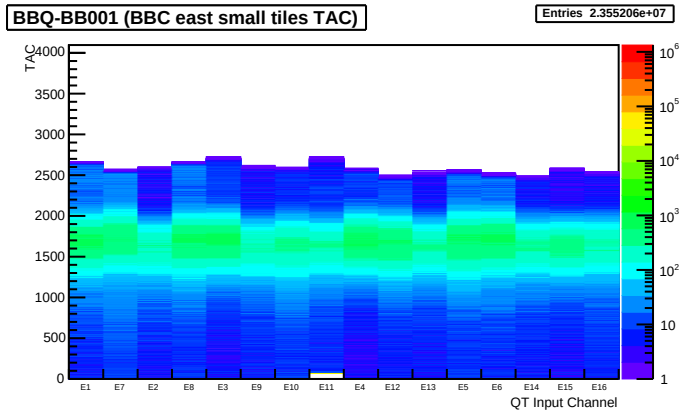

MIX-MT101 Input: VP003 Max TAC
Entries 1472004

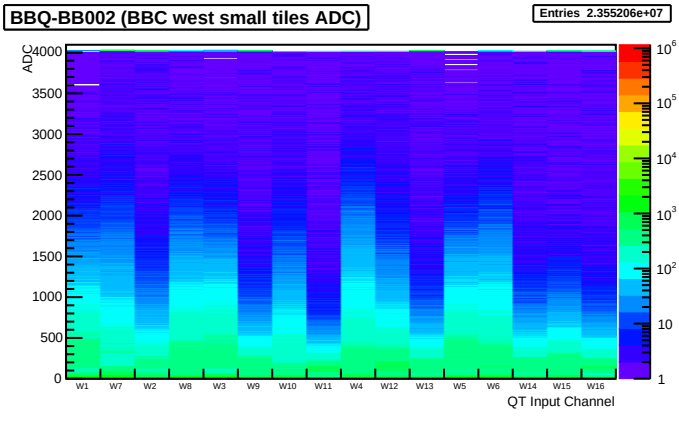

MIX-MT101 Input: VP004 Max TAC
Entries 1472004

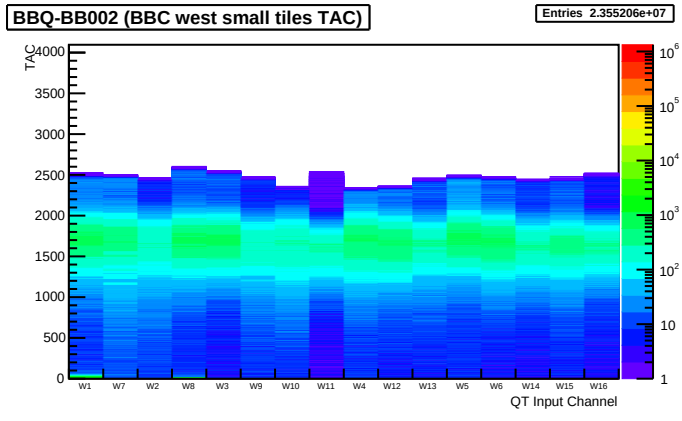

MXQ-PP001
Entries 2.355206e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

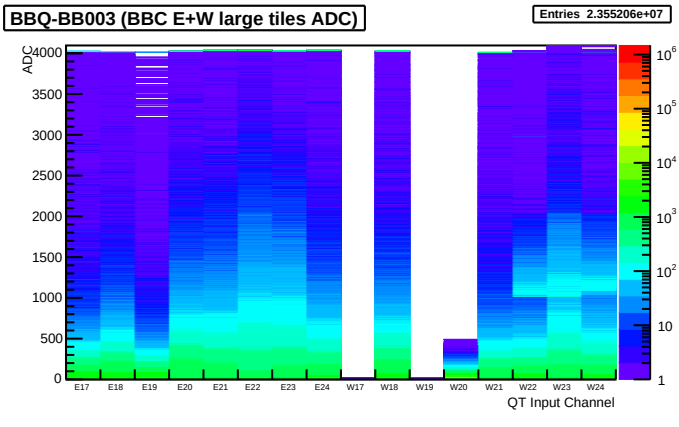

MXQ-PP001
Entries 2.355206e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

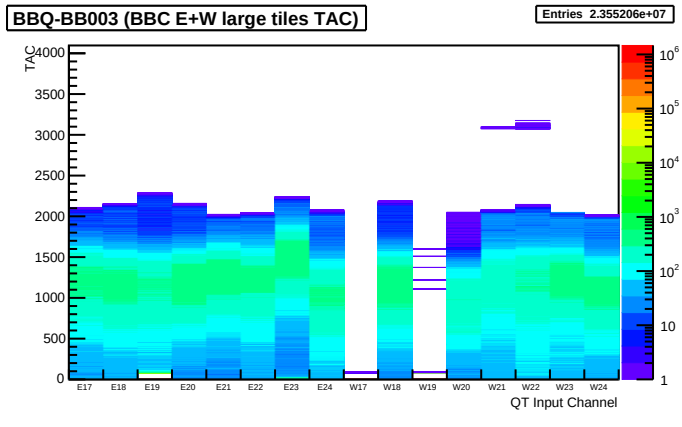

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.355206e+07
ADC
QT Input Channel

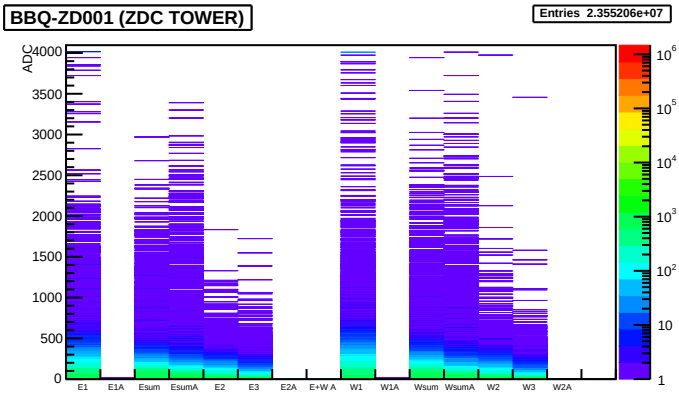

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.355206e+07
TAC
QT Input Channel

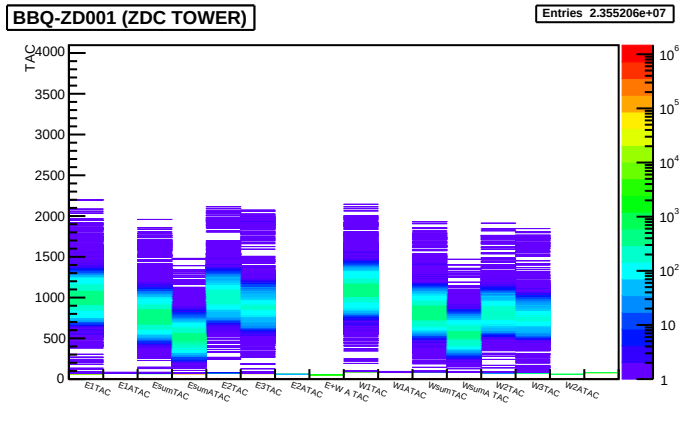

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.355206e+07
ADC
QT Input Channel

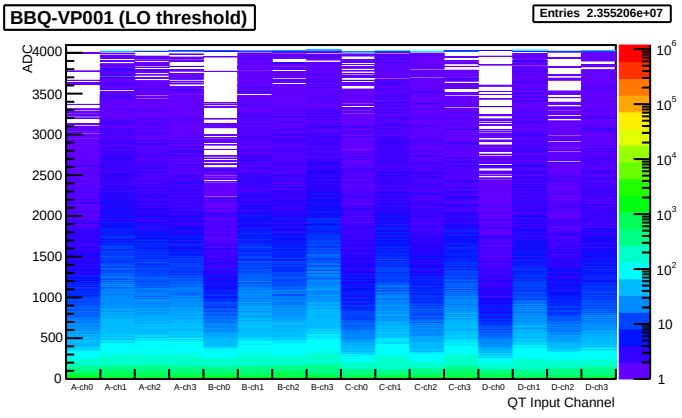

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.355206e+07
TAC
QT Input Channel

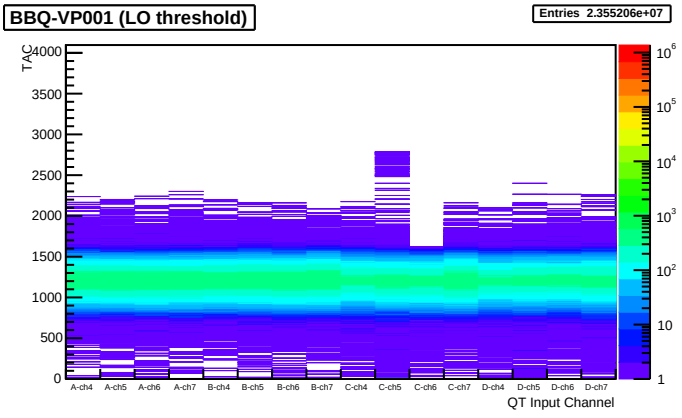

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.355206e+07
ADC
QT Input Channel

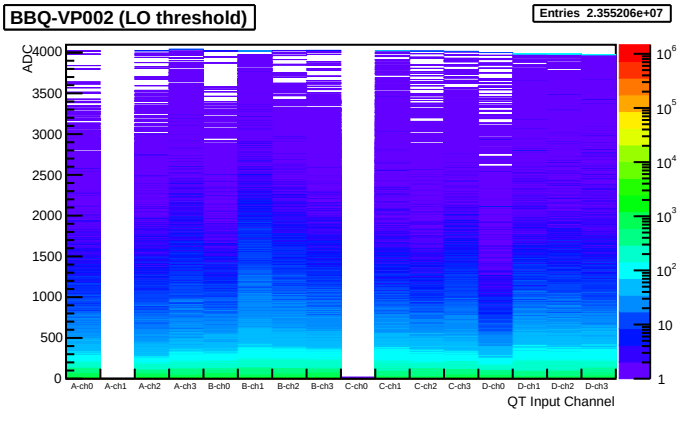

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.355206e+07
TAC
QT Input Channel

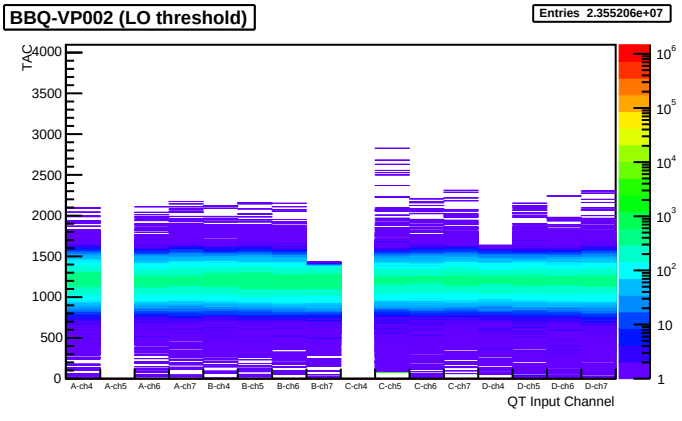

BBQ-ZD001 (ZDC TOWER)
Entries 2.355206e+07
ADC

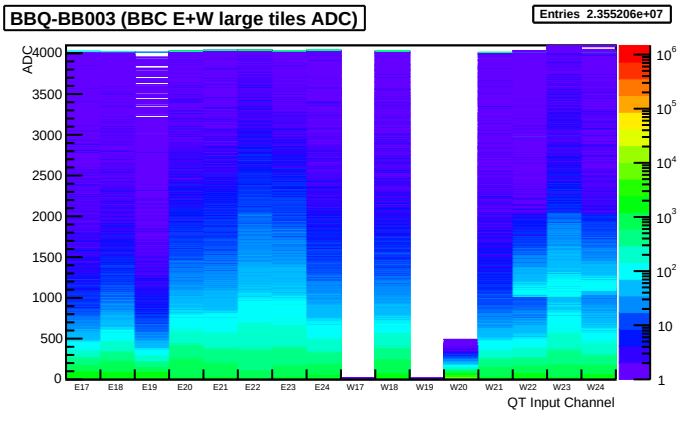

BBQ-ZD001 (ZDC TOWER)
Entries 2.355206e+07
TAC

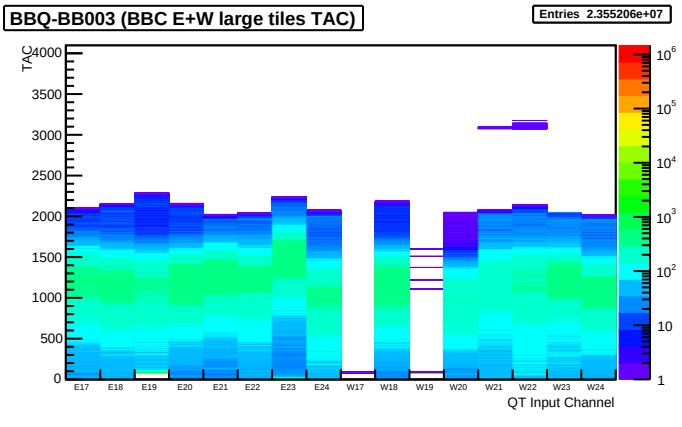

BBQ-VP001 (LO threshold)
Entries 2.355206e+07
ADC
QT Input Channel

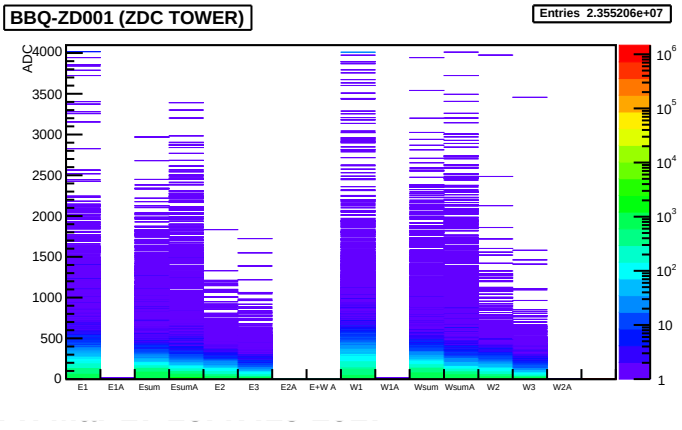

BBQ-VP001 (LO threshold)
Entries 2.355206e+07
TAC
QT Input Channel

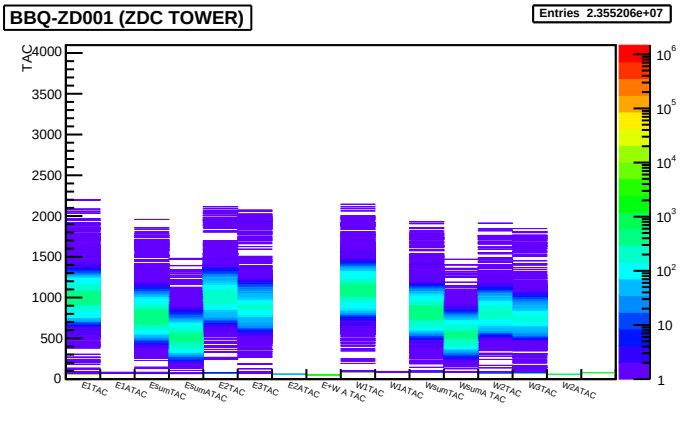

BBQ-VP002 (LO threshold)
Entries 2.355206e+07
ADC
QT Input Channel

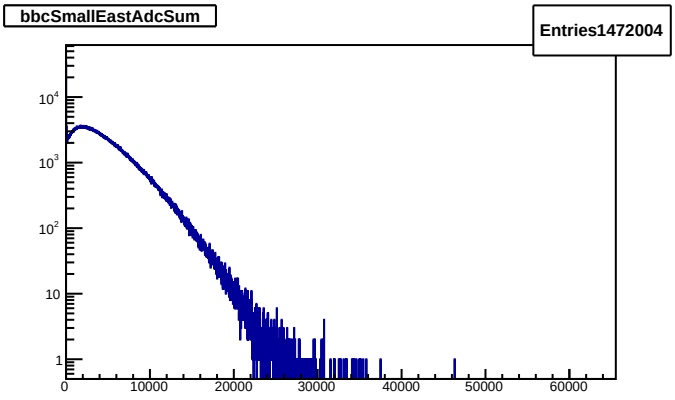

BBQ-VP002 (LO threshold)
Entries 2.355206e+07
TAC
QT Input Channel

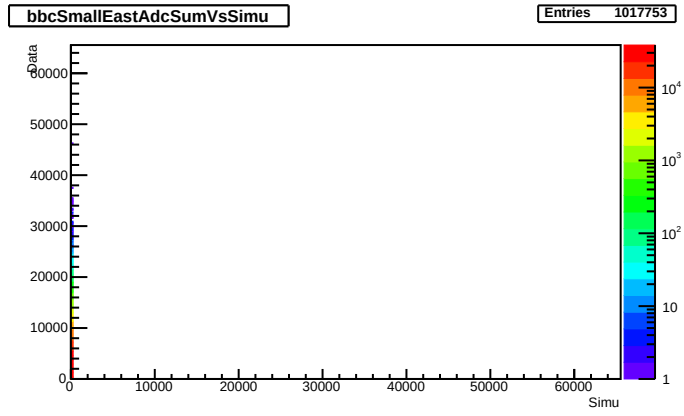

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.355206e+07
ADC
QT Input Channel

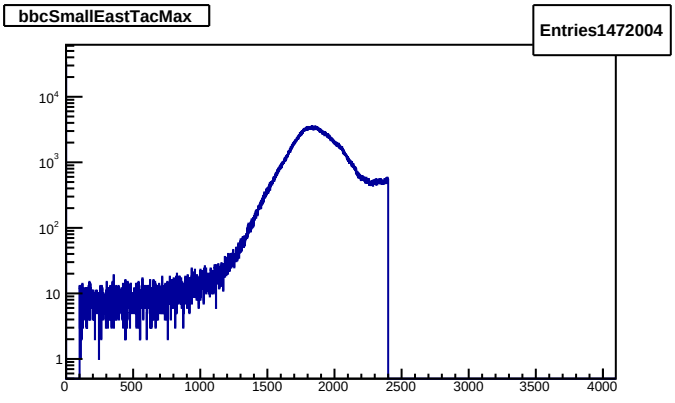

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.355206e+07
TAC
QT Input Channel

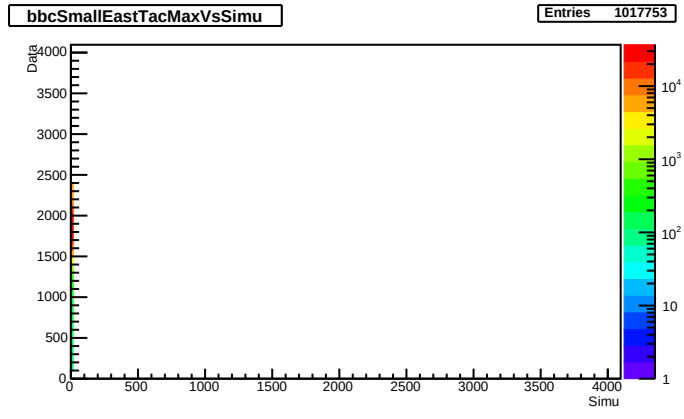

BBQ-ZD001 (ZDC TOWER)
Entries 2.355206e+07
ADC

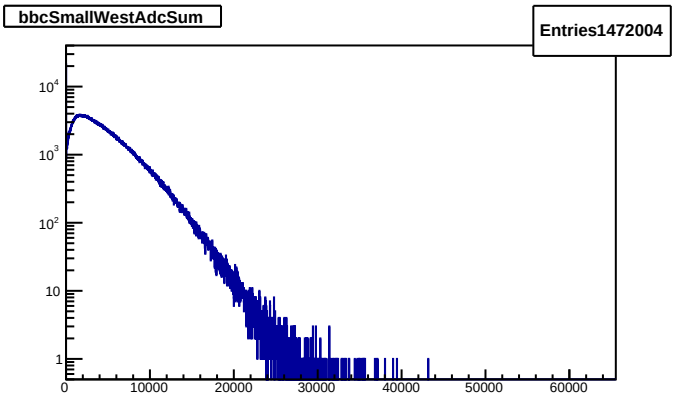

BBQ-ZD001 (ZDC TOWER)
Entries 2.355206e+07
TAC

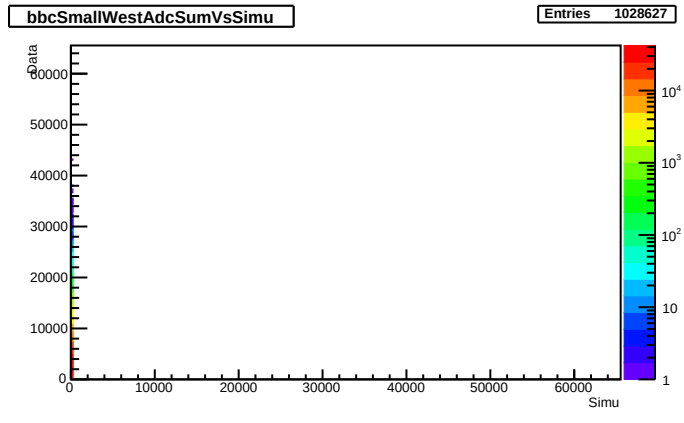

bbcSmallEastAdcSum
Entries1472004

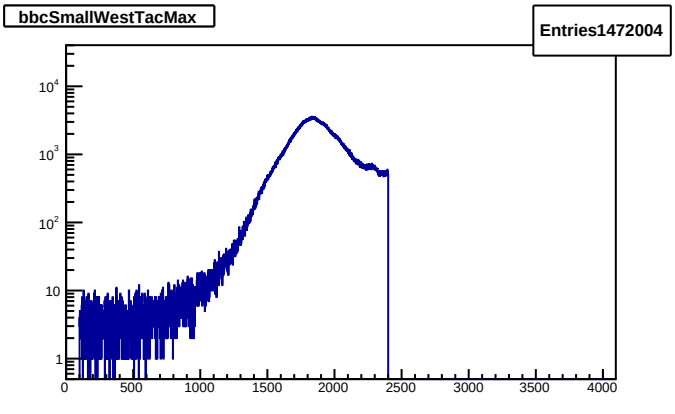

bbcSmallEastAdcSumVsSimu
Entries 1017753
Data
Simu

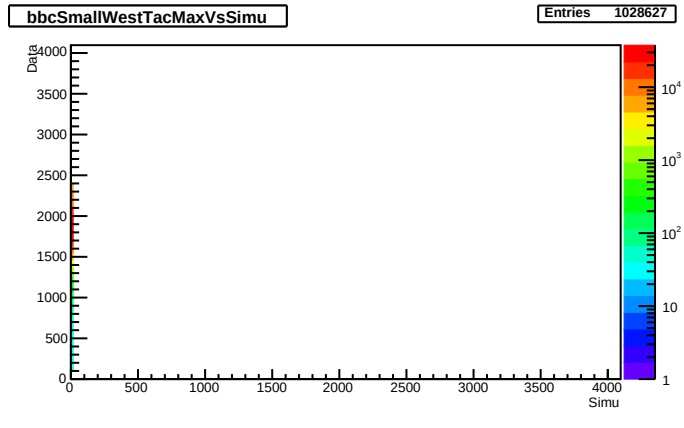

bbcSmallEastTacMax
Entries1472004

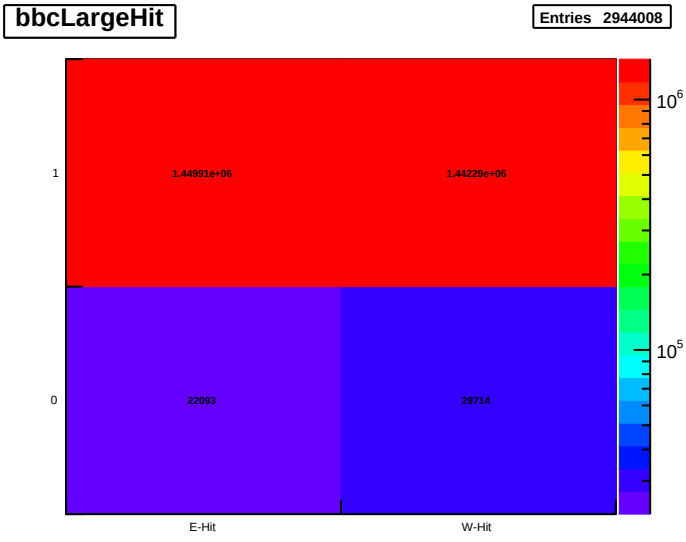

bbcSmallEastTacMaxVsSimu
Entries 1017753
Data
Simu

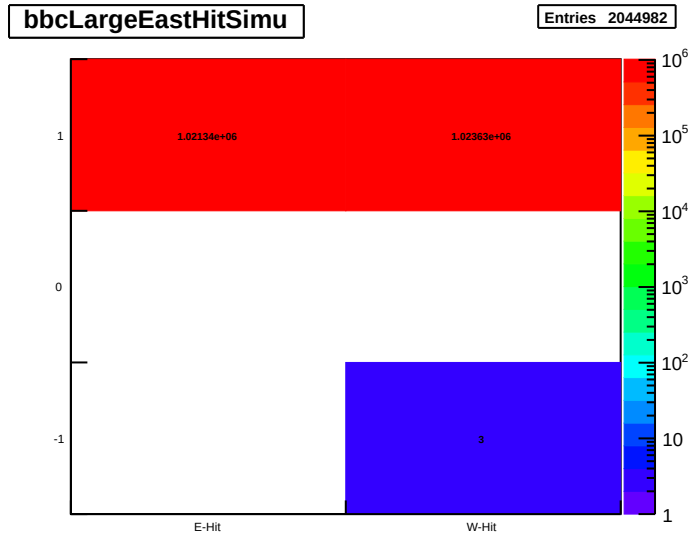

bbcSmallWestAdcSum
Entries1472004

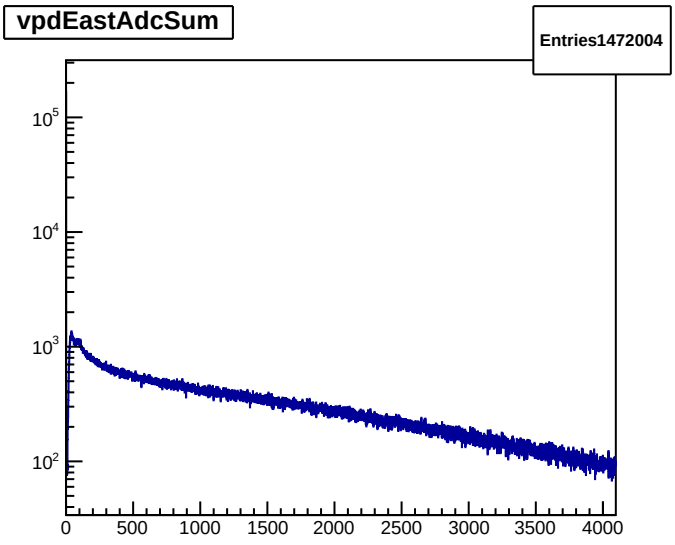

bbcSmallWestAdcSumVsSimu
Entries 1028627
Data
Simu

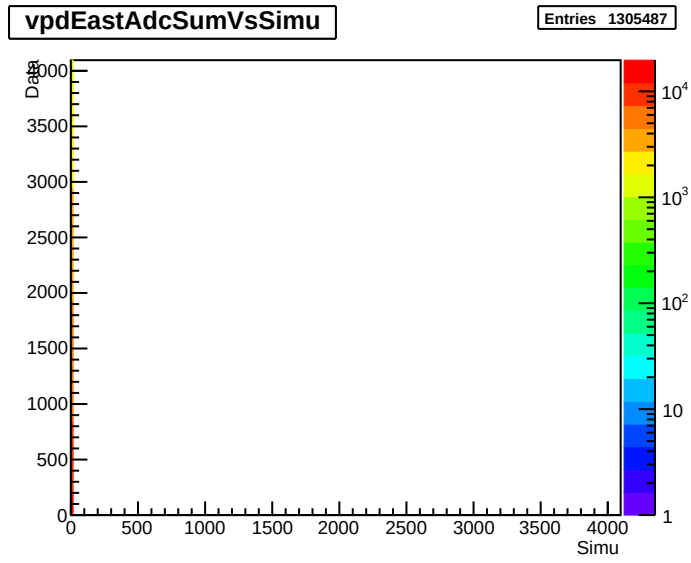

bbcSmallWestTacMax
Entries1472004

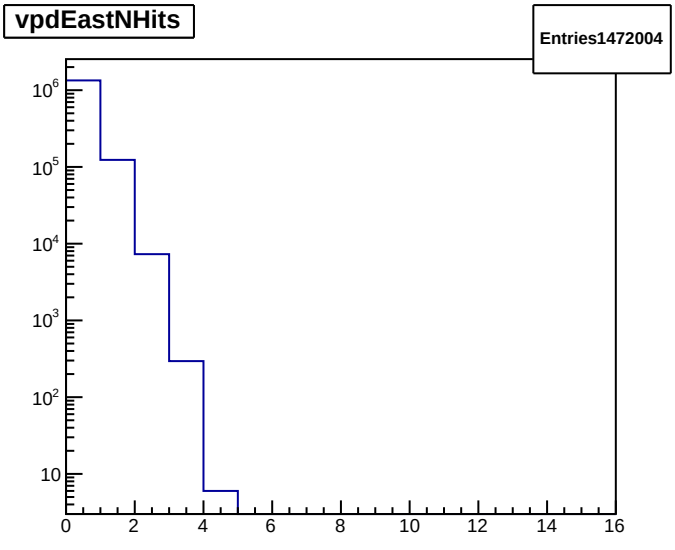

bbcSmallWestTacMaxVsSimu
Entries 1028627
Data
Simu

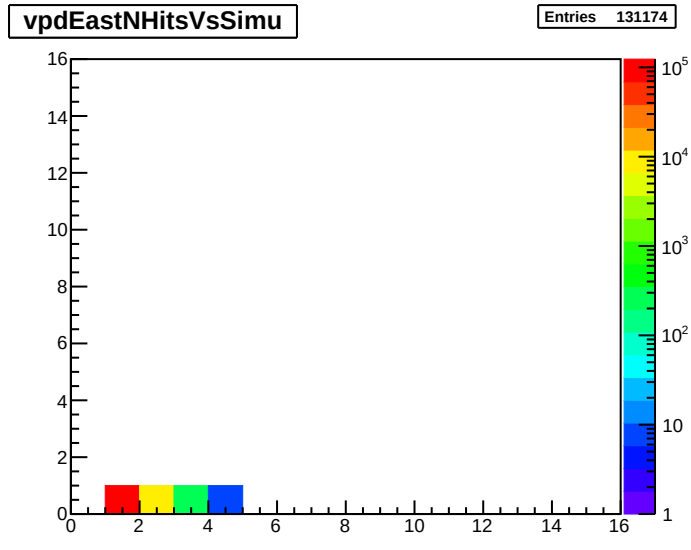

bbcLargeHit
Entries 2944008
1.44991e+06
1.44229e+06
22093
29714
1
0
E-Hit
W-Hit
10^6
10^5

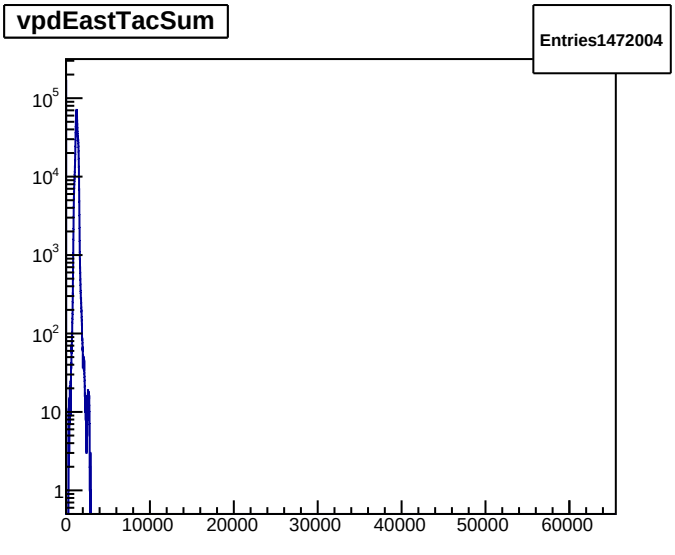

bbcLargeEastHitSimu
Entries 2044982
1.02134e+06
1.02363e+06
3
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

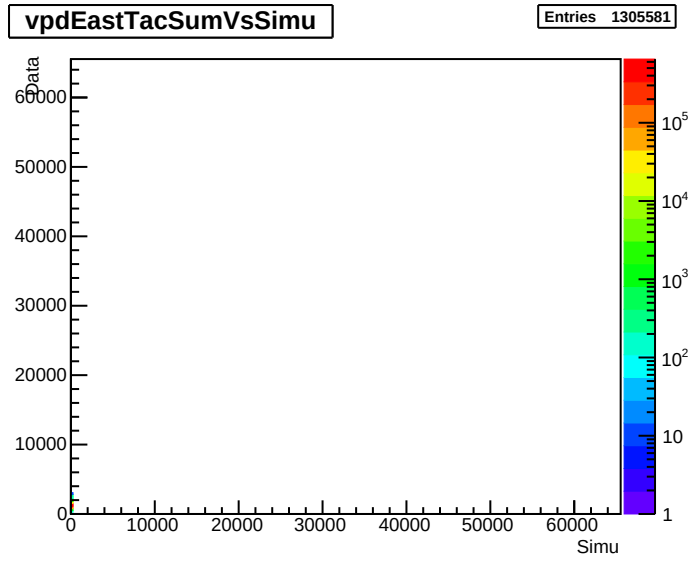

vpdEastAdcSum
Entries1472004

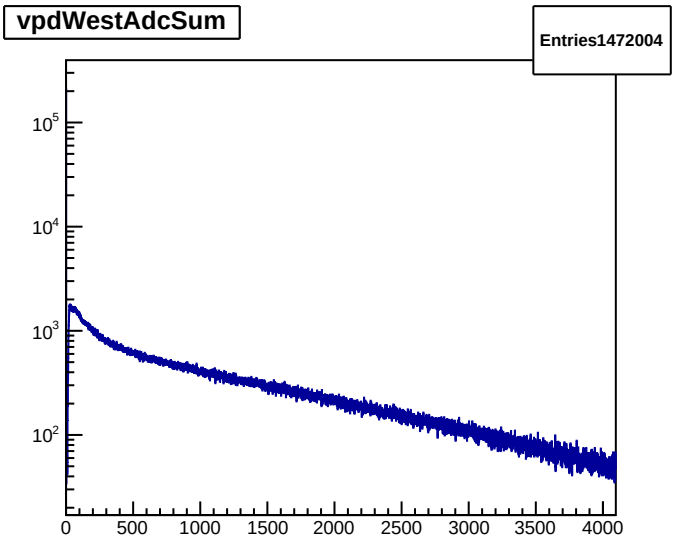

vpdEastAdcSumVsSimu
Entries 1305487
Data
Simu

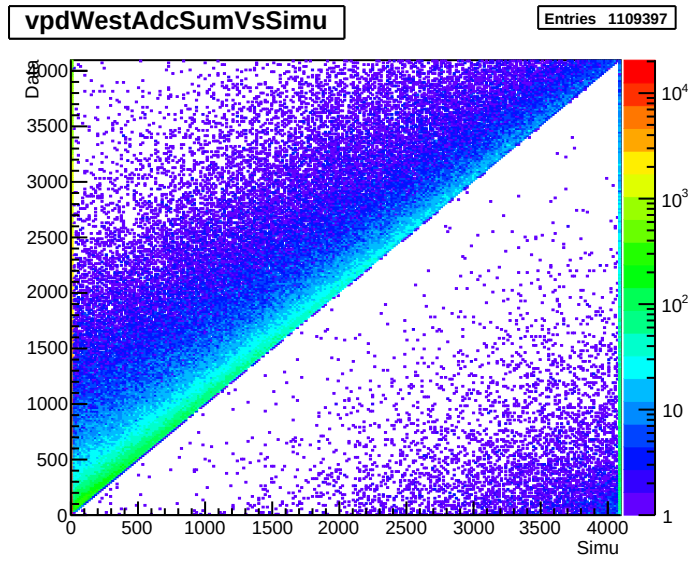

vpdEastNHits
Entries1472004

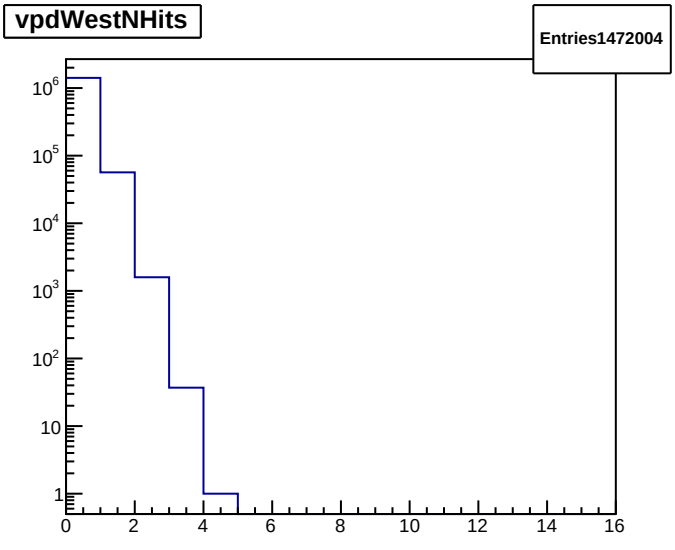

vpdEastNHitsVsSimu
Entries 131174

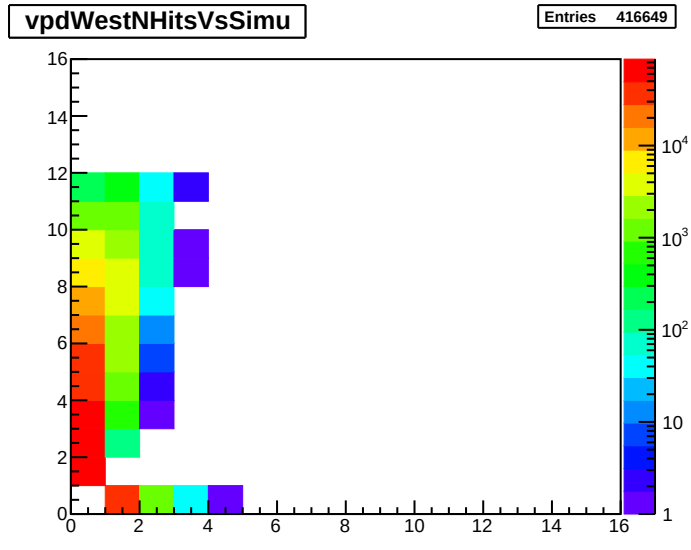

vpdEastTacSum
Entries1472004

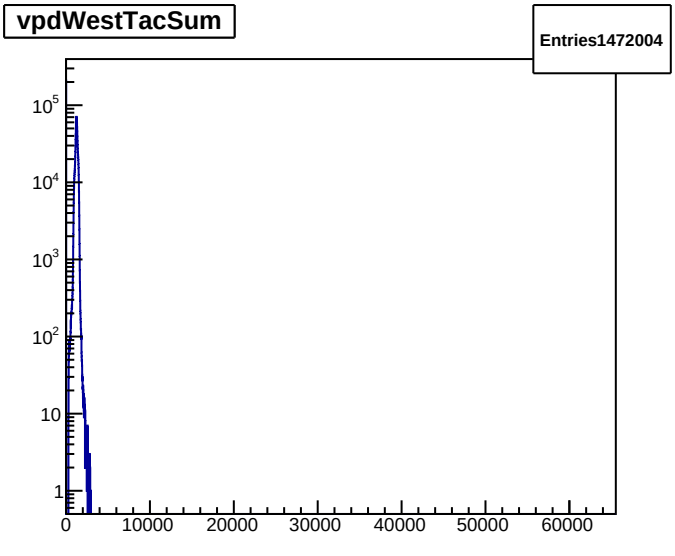

vpdEastTacSumVsSimu
Entries 1305581
Data
Simu

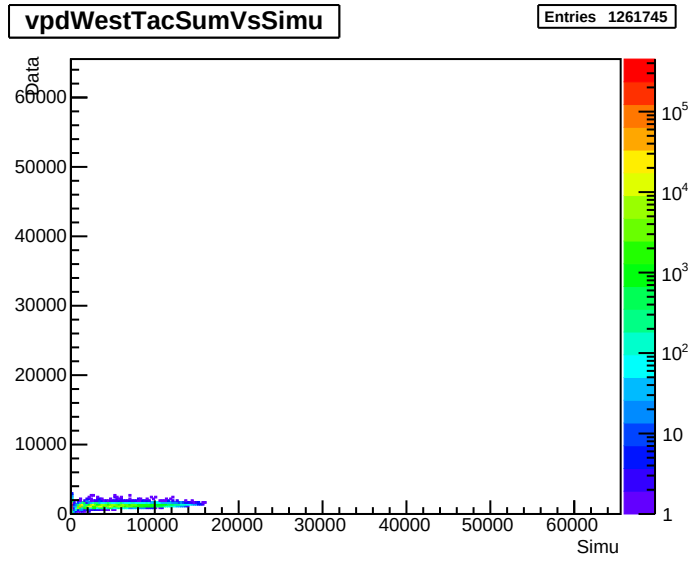

vpdWestAdcSum
Entries1472004

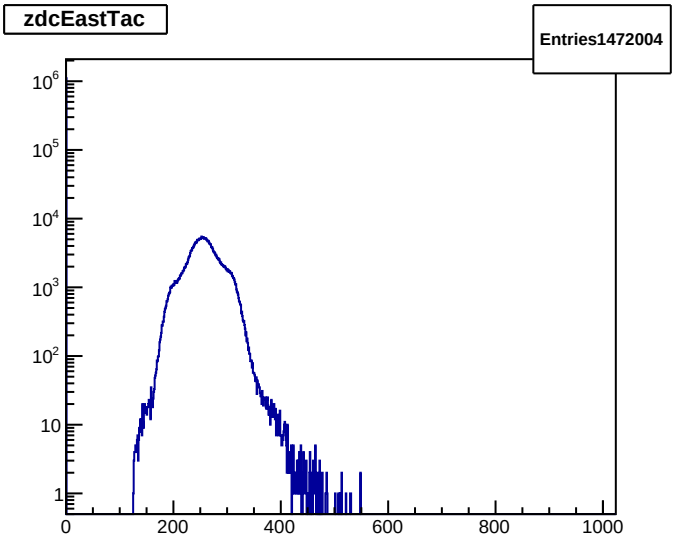

vpdWestAdcSumVsSimu
Entries 1109397
Data
Simu

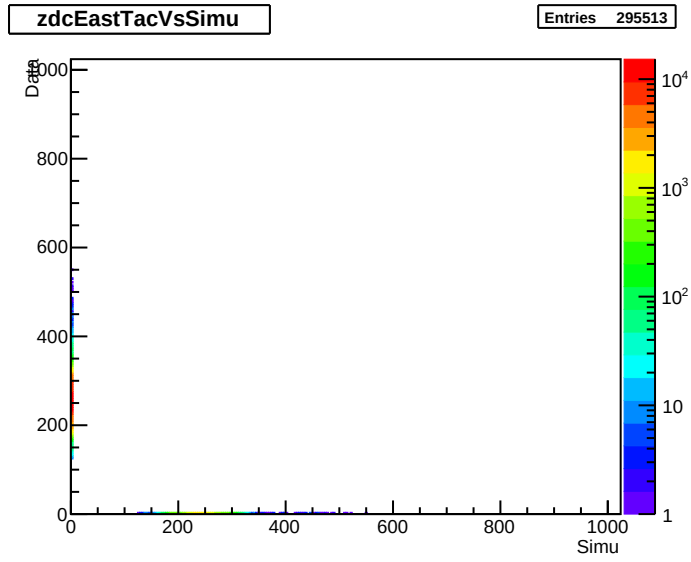

vpdWestNHits
Entries1472004

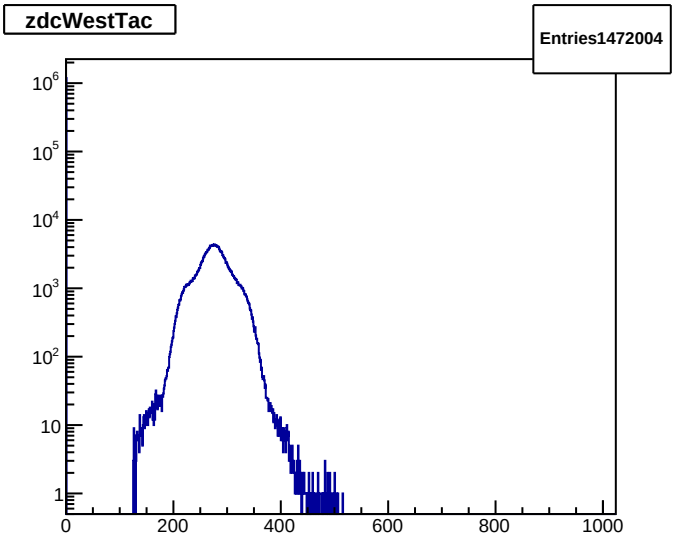

vpdWestNHitsVsSimu
Entries 416649

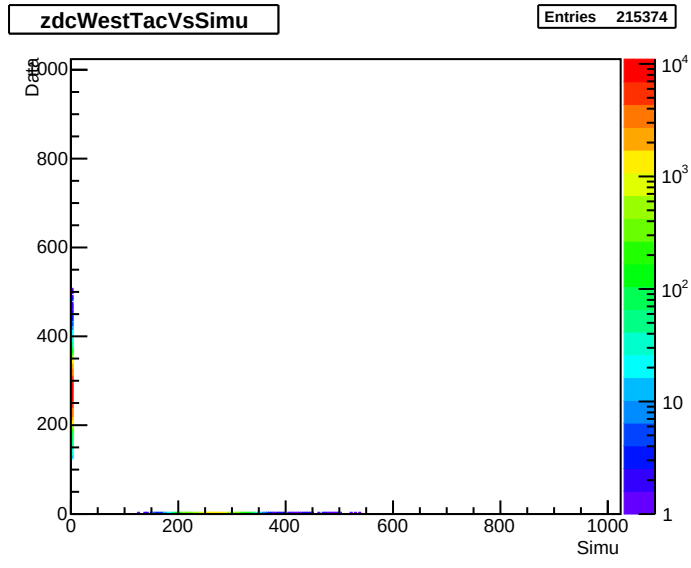

vpdWestTacSum
Entries1472004

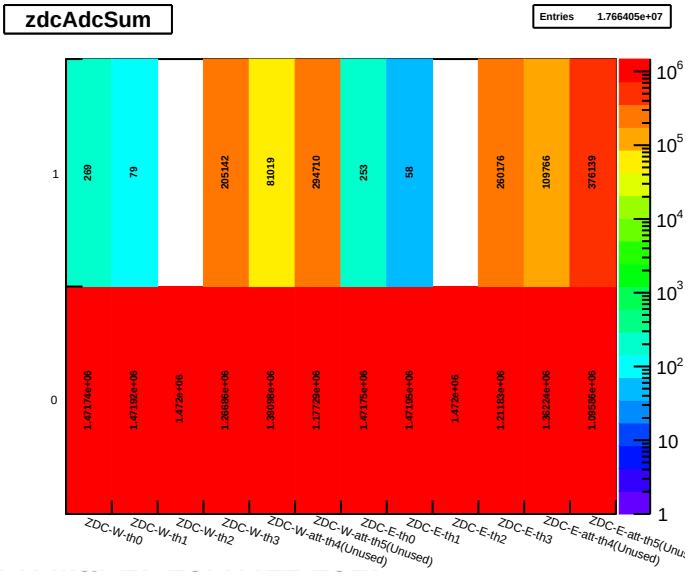

vpdWestTacSumVsSimu
Entries 1261745
Data
Simu

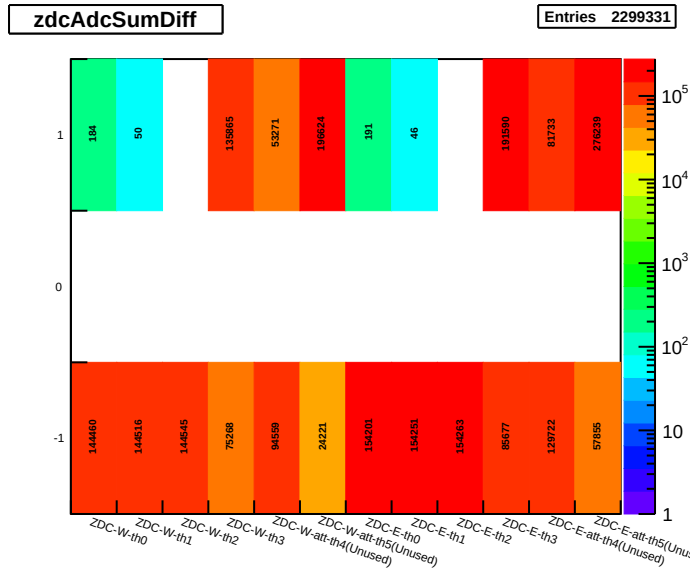

zdcEastTac
Entries1472004

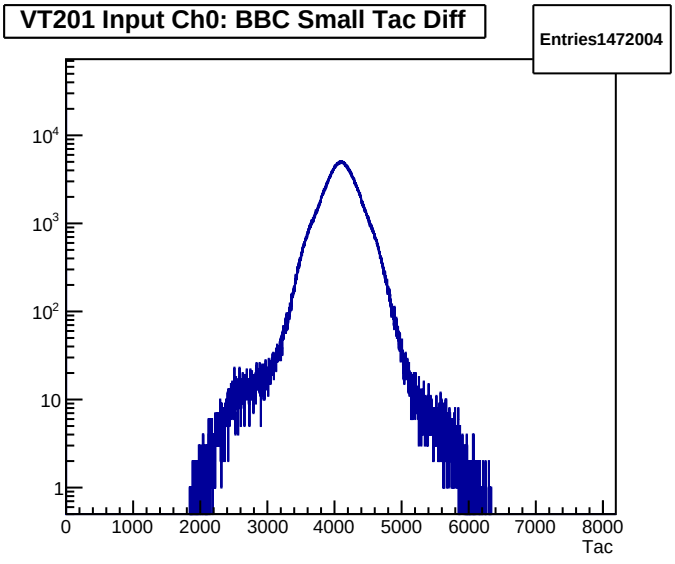

zdcEastTacVsSimu
Entries 295513
Data
Simu

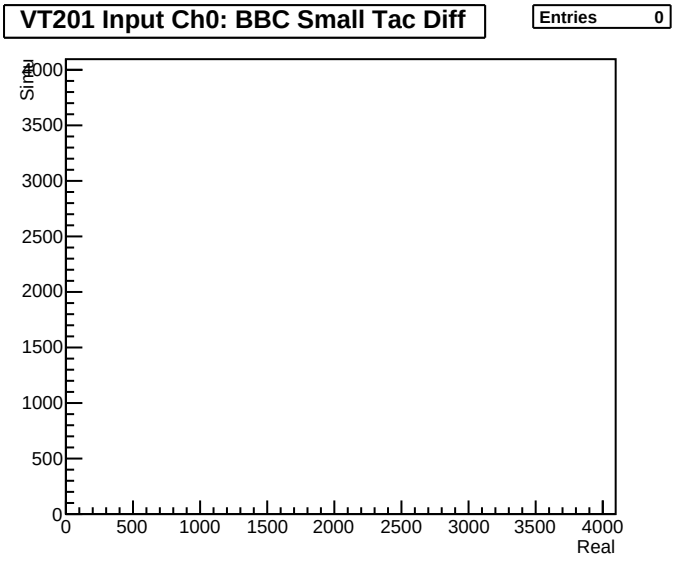

zdcWestTac
Entries1472004

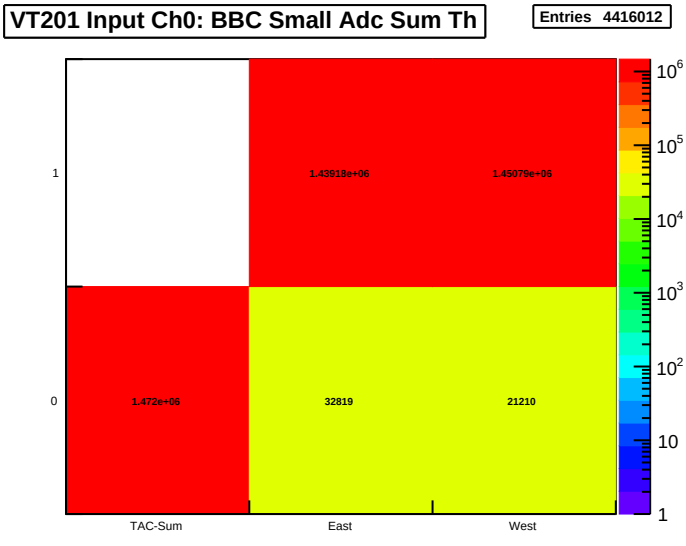

zdcWestTacVsSimu
Entries 215374
Data
Simu

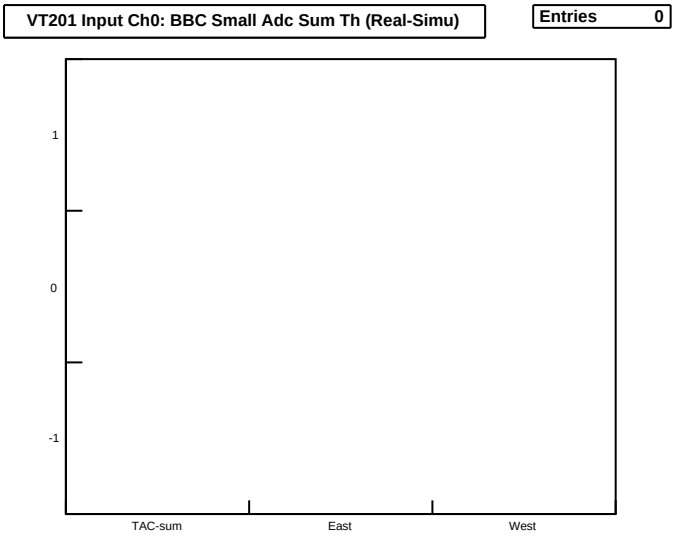

zdcAdcSum
Entries 1.766405e+07
269
79
205142
81019
294710
253
58
260176
109766
376139
1.47174e+06
1.47192e+06
1.4728e+06
1.26588e+06
1.38098e+06
1.12729e+06
1.47175e+06
1.47195e+06
1.4728e+06
1.21182e+06
1.36224e+06
1.09586e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

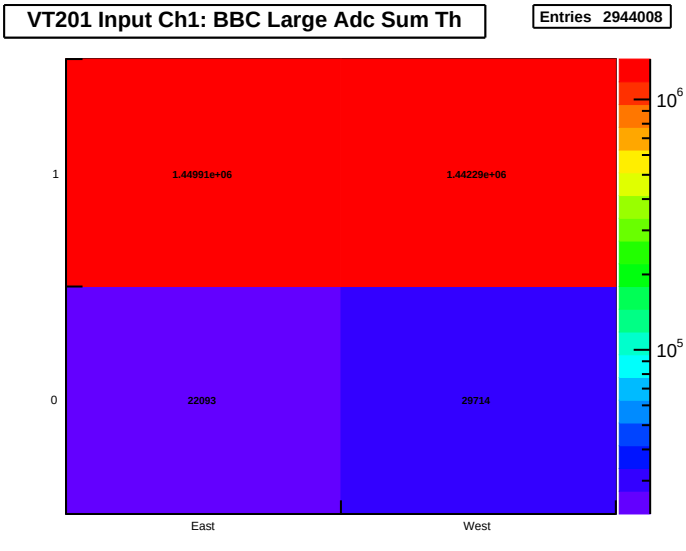

zdcAdcSumDiff
Entries 2299331
184
50
139865
53271
196624
191
46
191590
81733
276239
144460
144516
144545
75268
94559
24221
154201
154251
154263
85677
129722
57855
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

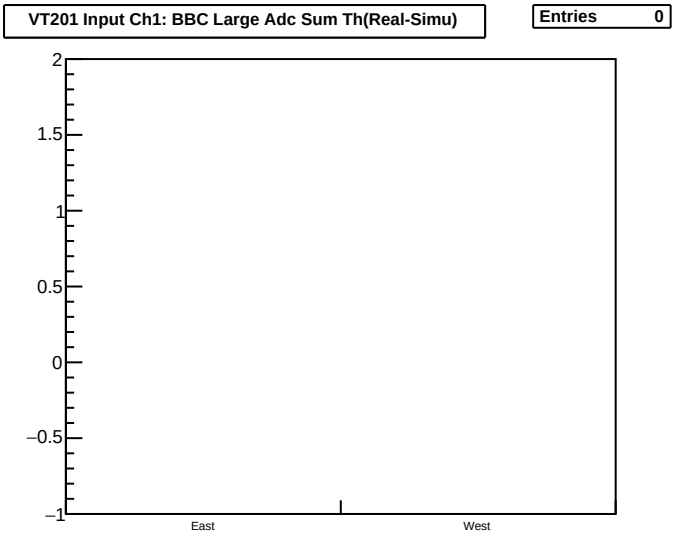

VT201 Input Ch0: BBC Small Tac Diff
Entries1472004
Tac


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

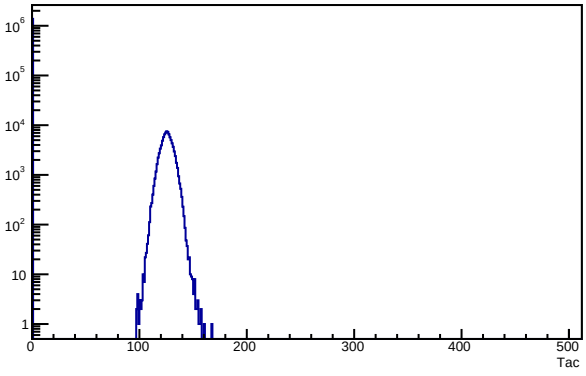

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4416012
1.43918e+06
1.45079e+06
1.472e+06
32819
21210
TAC-Sum
East
West


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

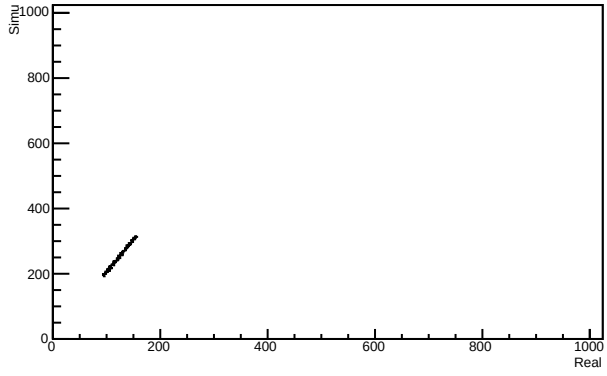

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2944008
1.44991e+06
1.44229e+06
22093
29714
East
West


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

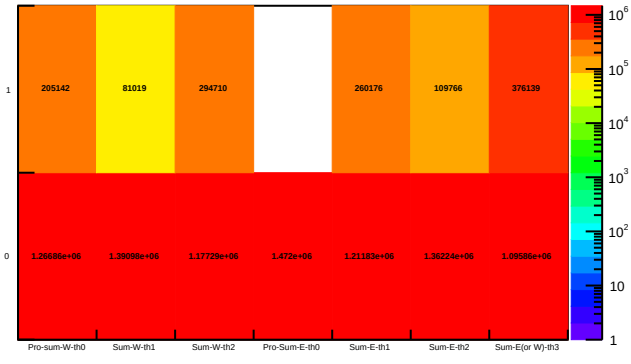
VT201 Input Ch2: ZDC Tac Diff



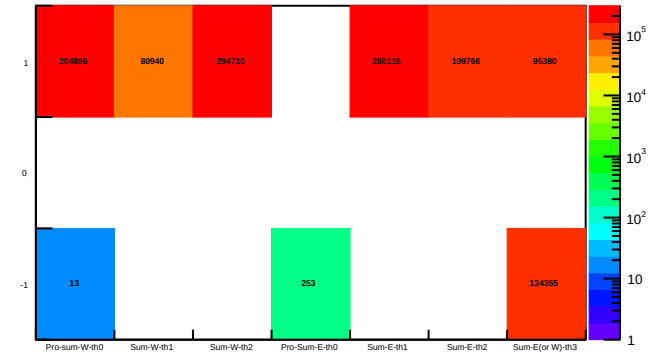
VT201 Input Ch2: ZDC Tac Diff



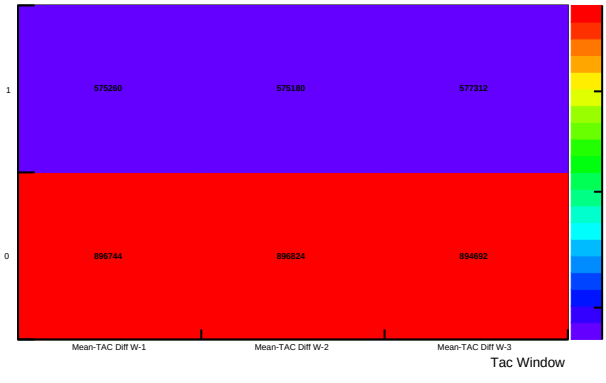
VT201 Input Ch2: ZDC Adc Sum Th



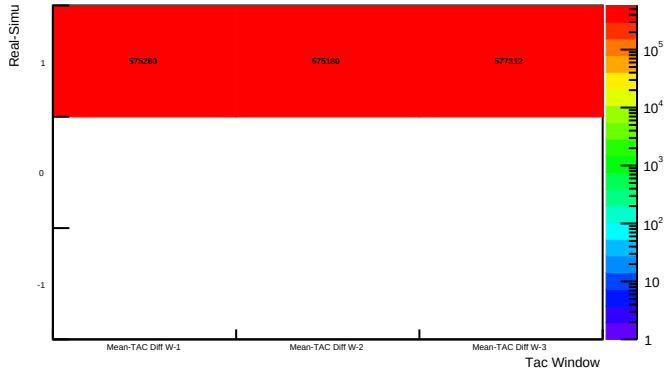
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



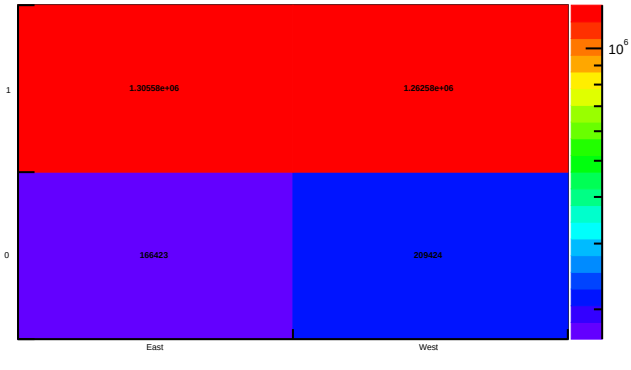
VT201 Input Ch4: VPD Tac Diff



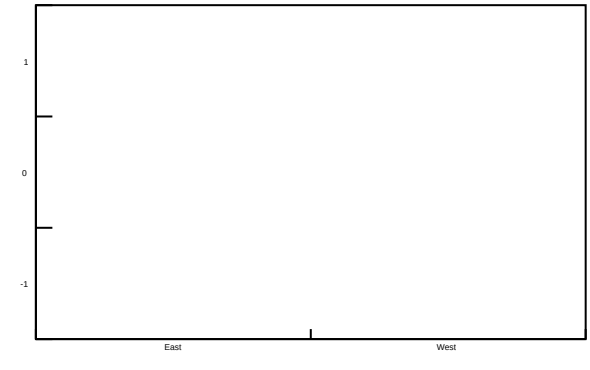
VT201 Input Ch4: VPD Tac Diff

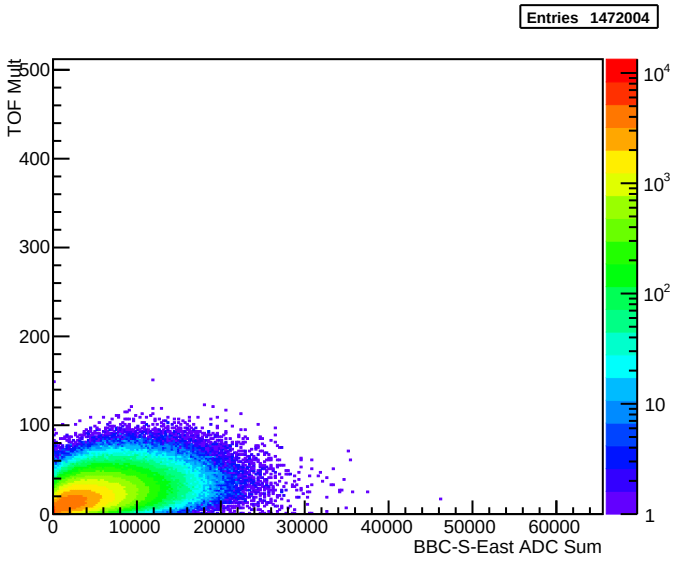


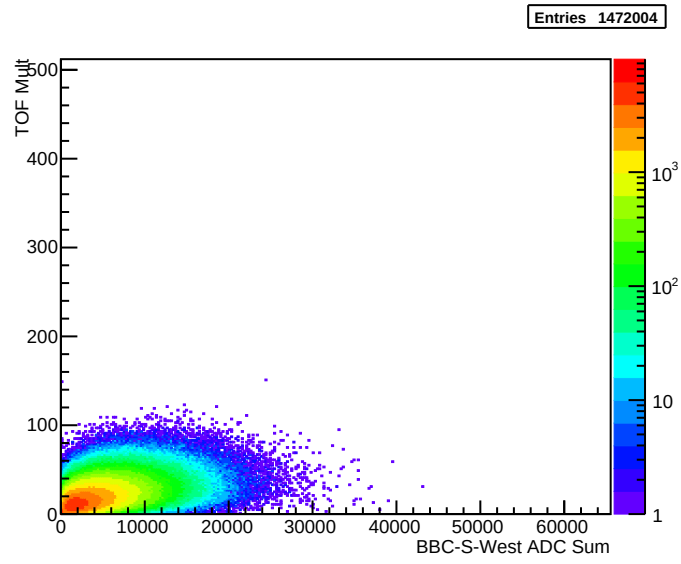
VT201 Input Ch4: VPD Adc Sum Th

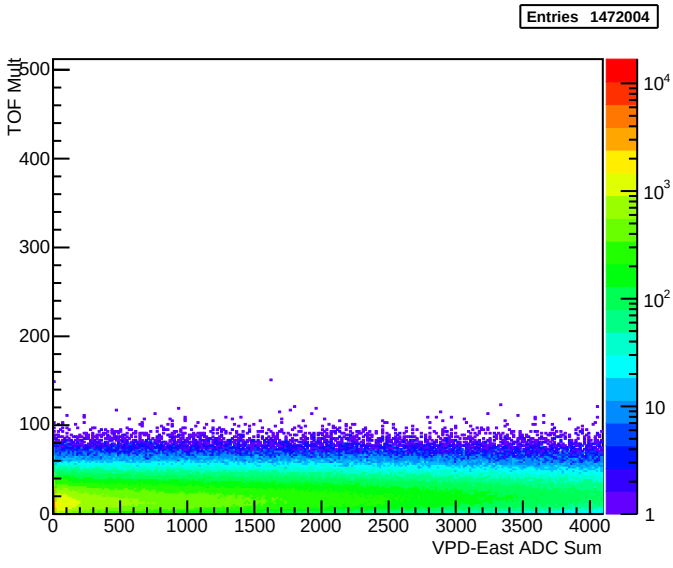


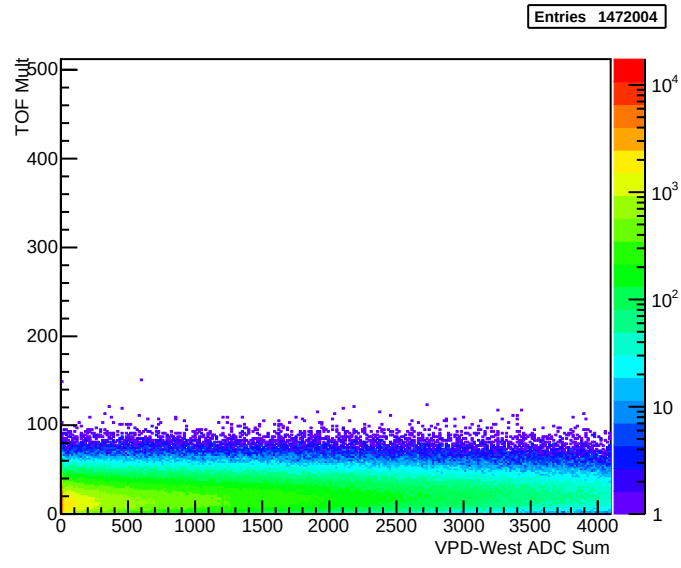
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

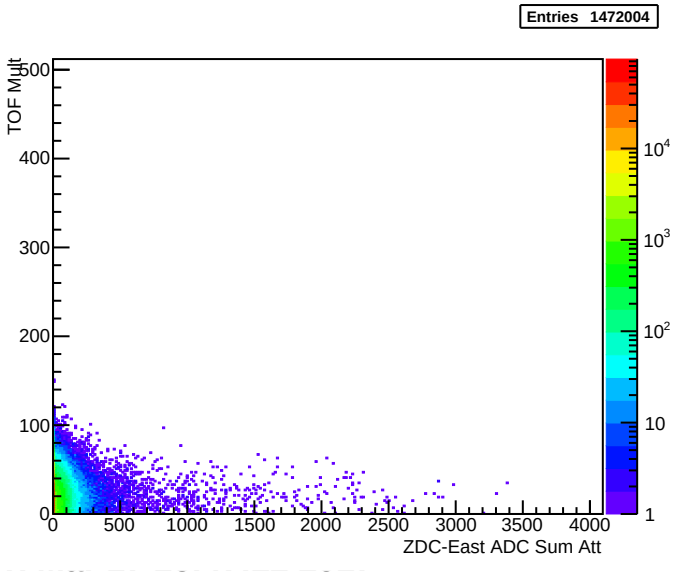


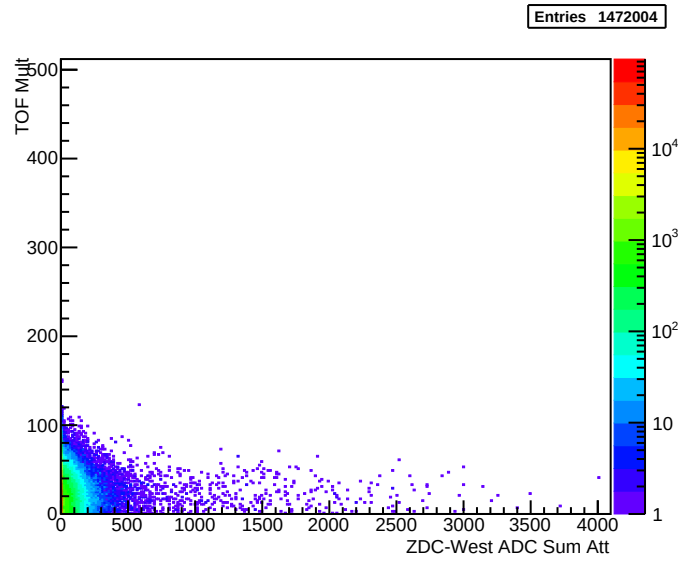

Entries 1472004
TOF Mult
BBC-S-East ADC Sum

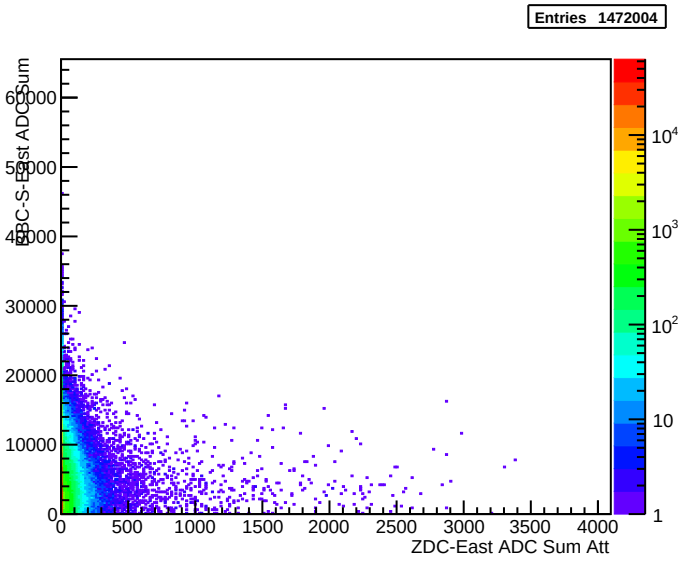

Entries 1472004
TOF Mult
BBC-S-West ADC Sum

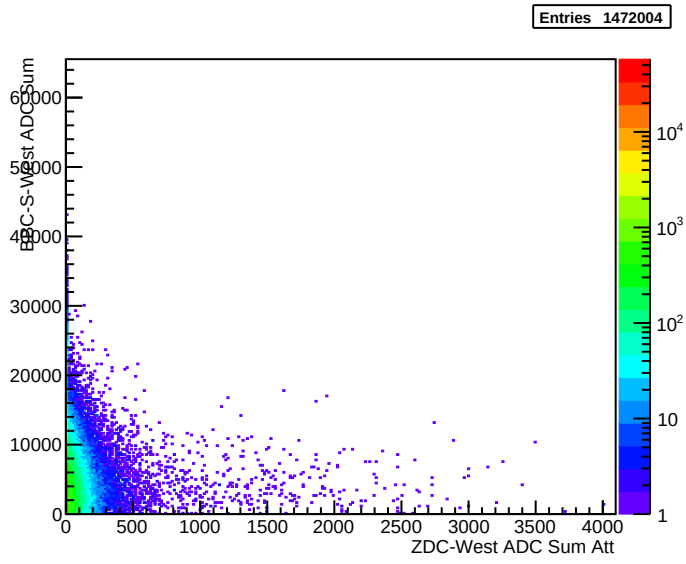

Entries 1472004
TOF Mult
VPD-East ADC Sum

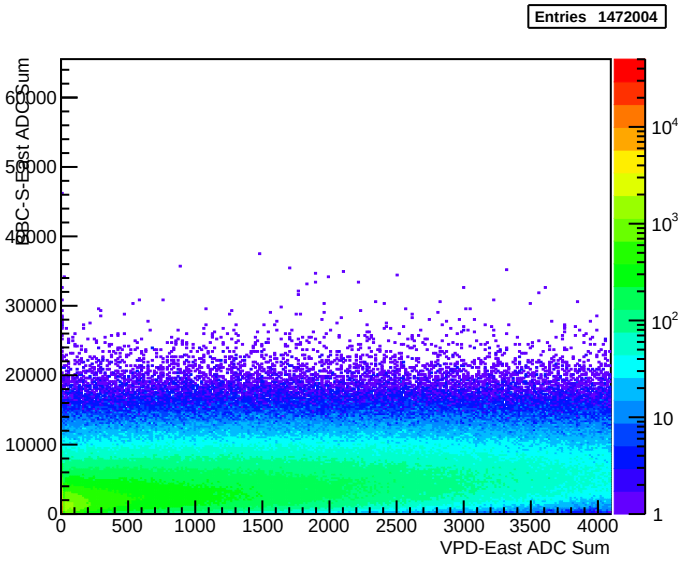

Entries 1472004
TOF Mult
VPD-West ADC Sum

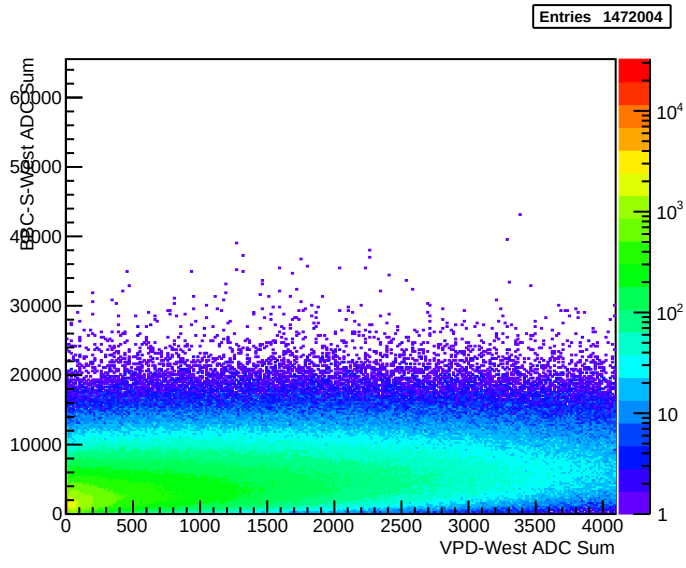

Entries 1472004
TOF Mult
ZDC-East ADC Sum Att

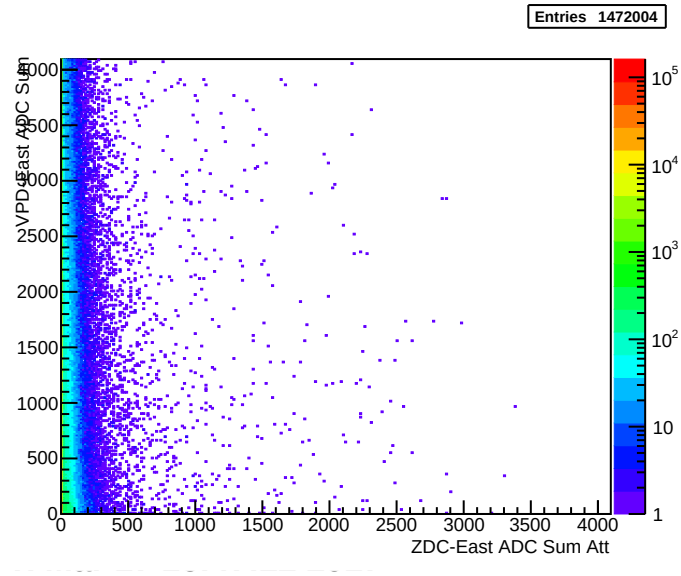

Entries 1472004
TOF Mult
ZDC-West ADC Sum Att

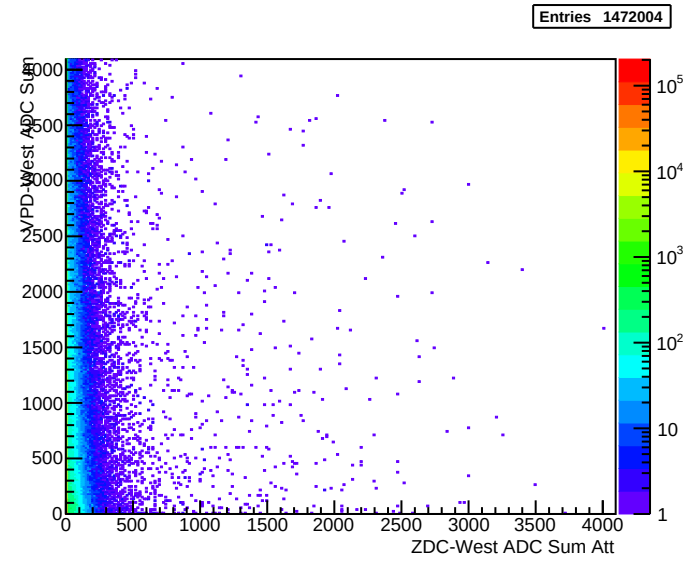

Entries 1472004
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

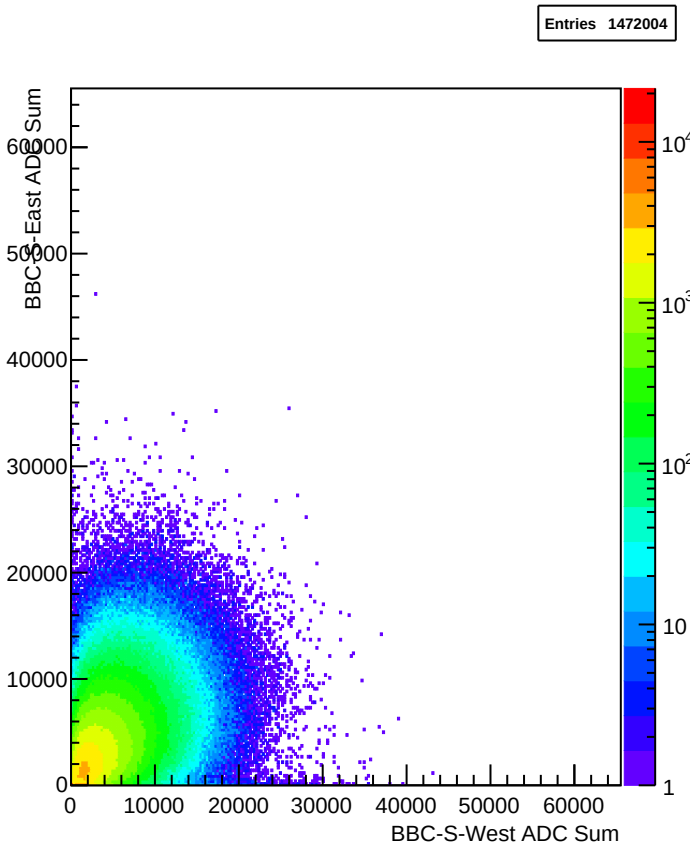

Entries 1472004
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

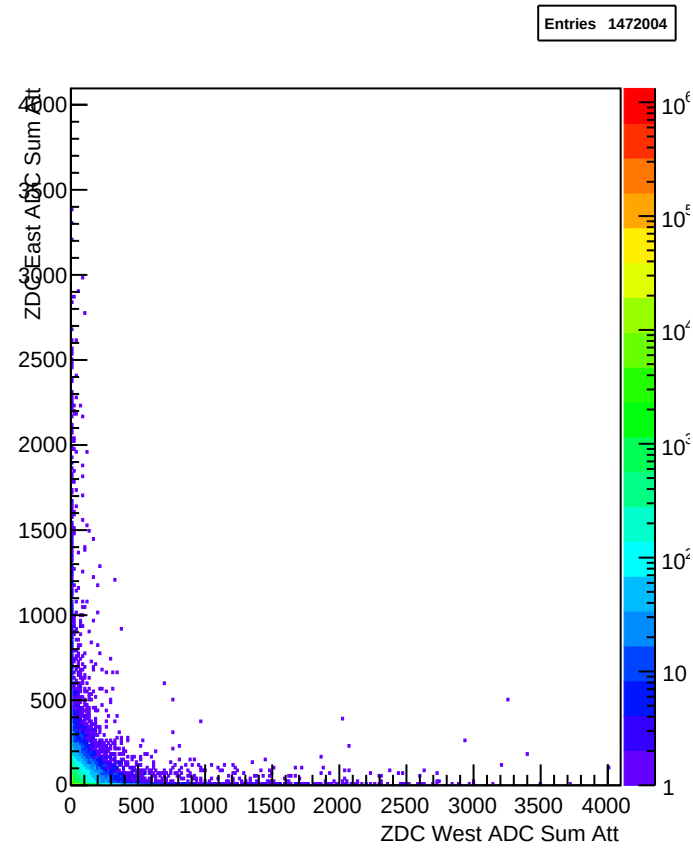

Entries 1472004
BBC-S-East ADC Sum
VPD-East ADC Sum

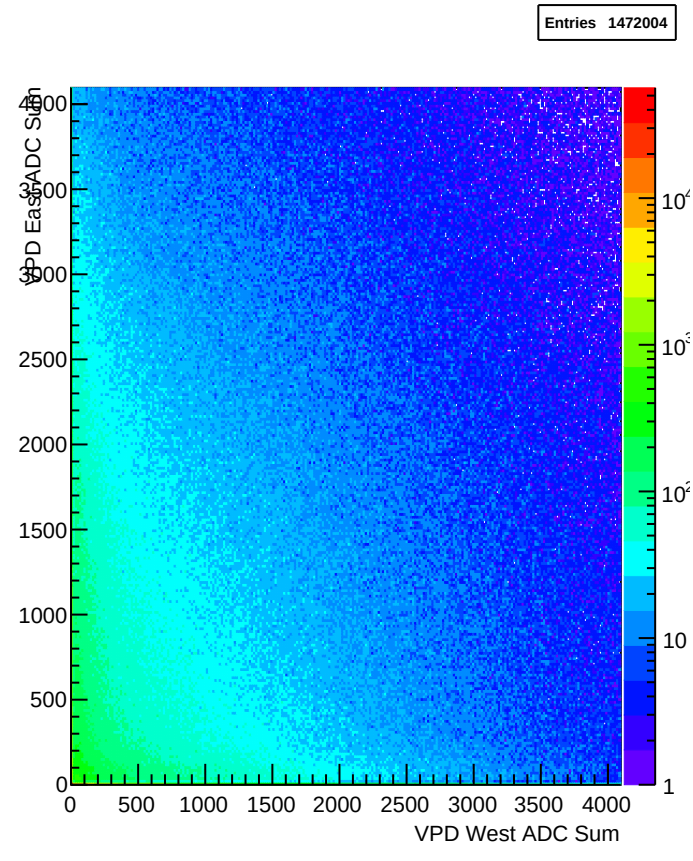

Entries 1472004
BBC-S-West ADC Sum
VPD-West ADC Sum

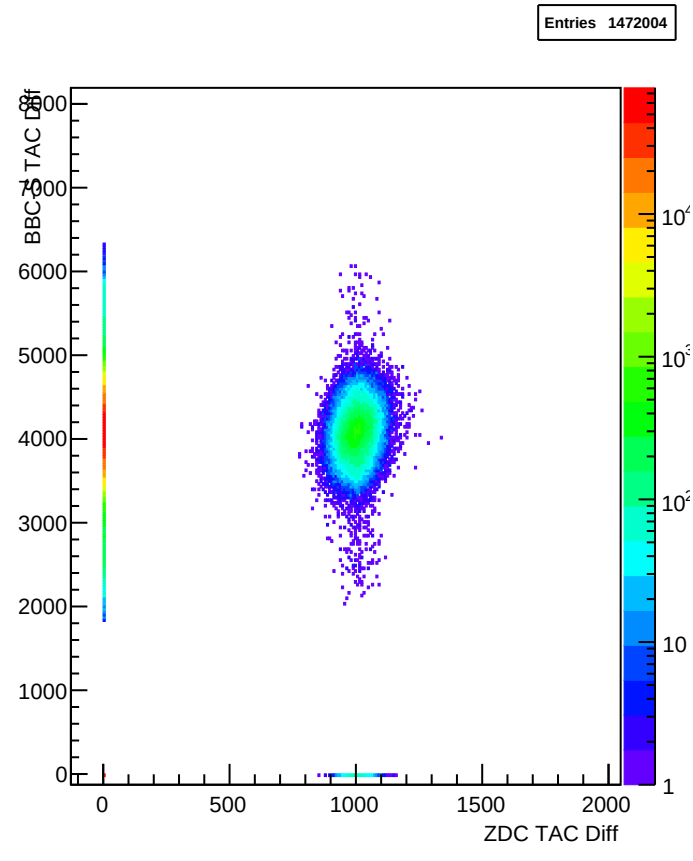

Entries 1472004
VPD-East ADC Sum
ZDC-East ADC Sum Att

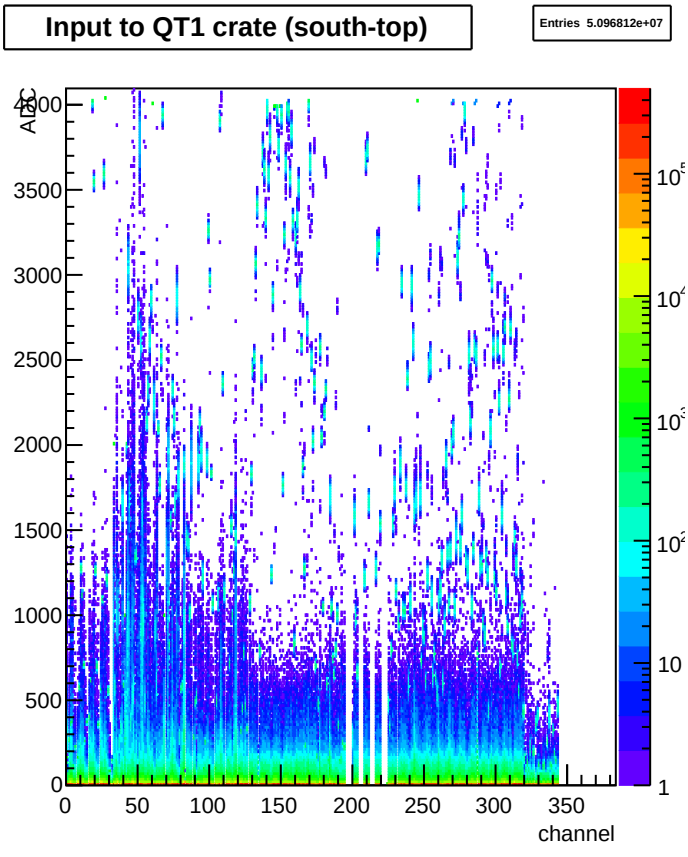

Entries 1472004
VPD-West ADC Sum
ZDC-West ADC Sum Att

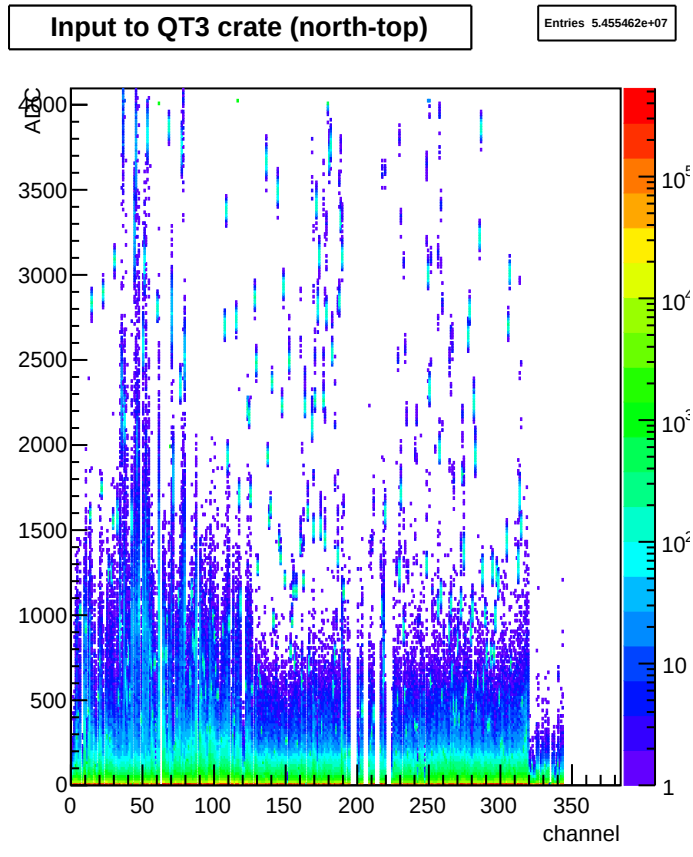

Entries 1472004
BBC-S-East ADC Sum
BBC-S-West ADC Sum

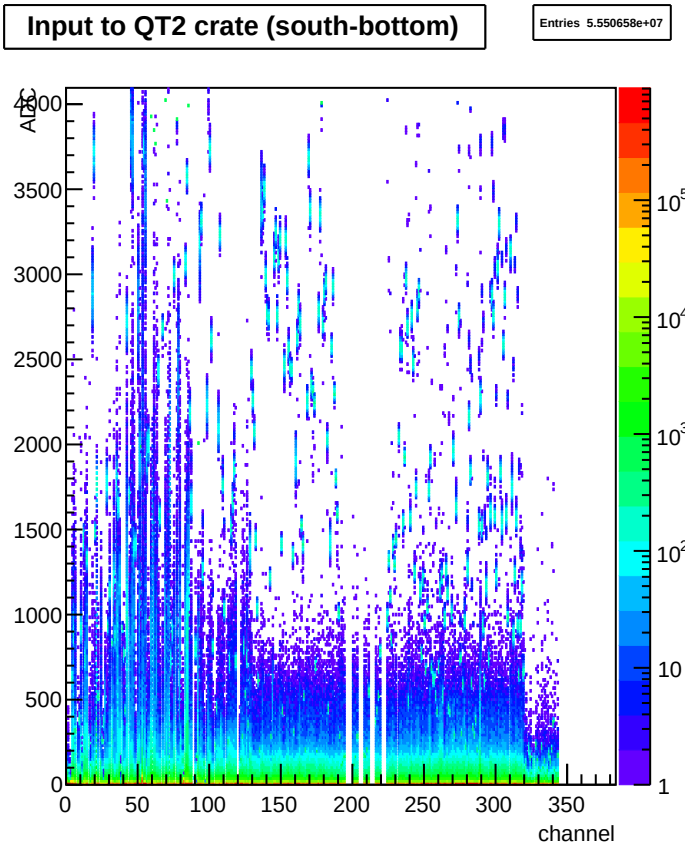

Entries 1472004
ZDC East ADC Sum Att
ZDC West ADC Sum Att

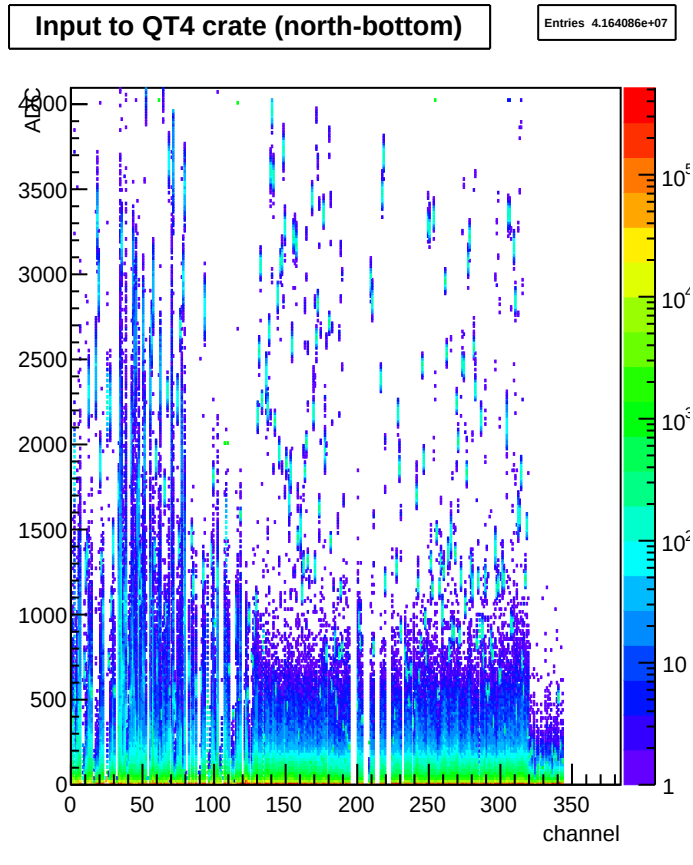

Entries 1472004
VPD East ADC Sum
VPD West ADC Sum

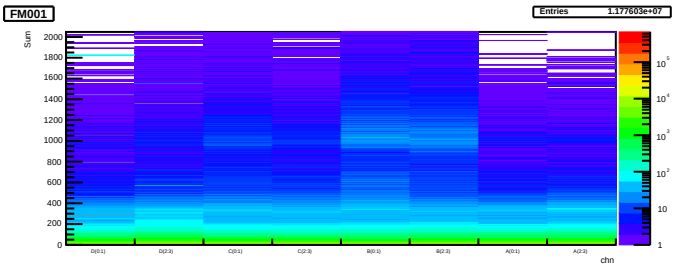

Entries 1472004
BBC-S TAC Diff
ZDC TAC Diff

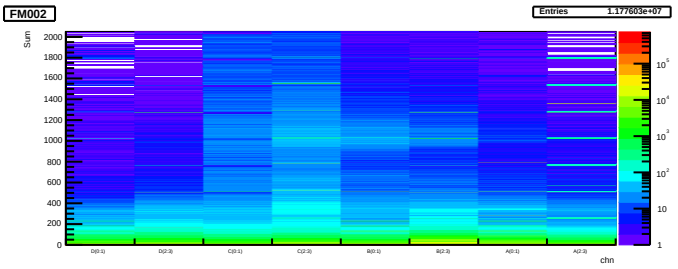

Input to QT1 crate (south-top)
Entries 5.096812e+07
ADC
channel

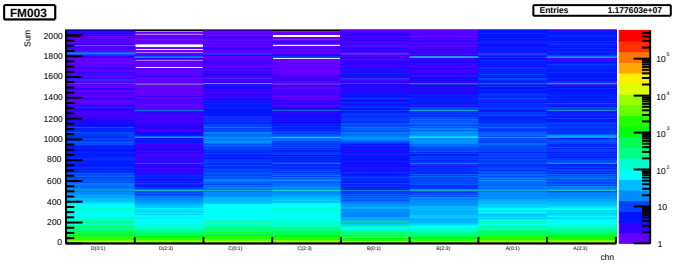

Input to QT3 crate (north-top)
Entries 5.455462e+07
ADC
channel

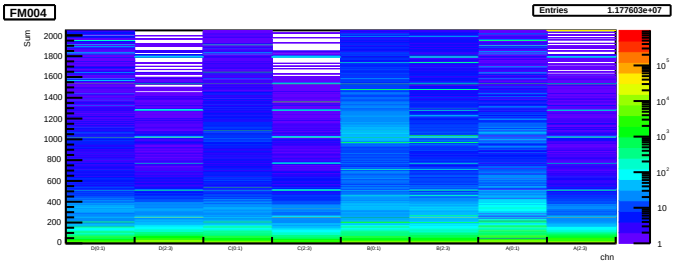

Input to QT2 crate (south-bottom)
Entries 5.550658e+07
ADC
channel

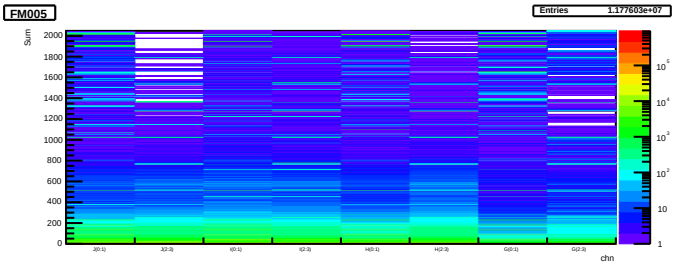

Input to QT4 crate (north-bottom)
Entries 4.164086e+07
ADC
channel

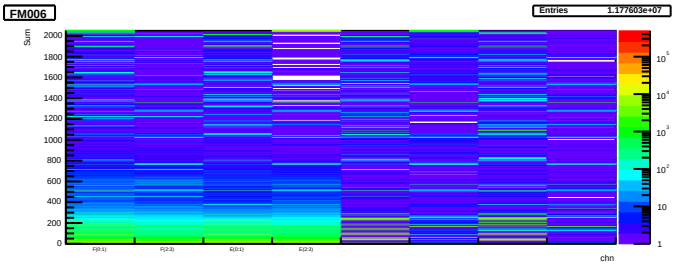

FM001
Entries 1.177603e+07
Sum
chn

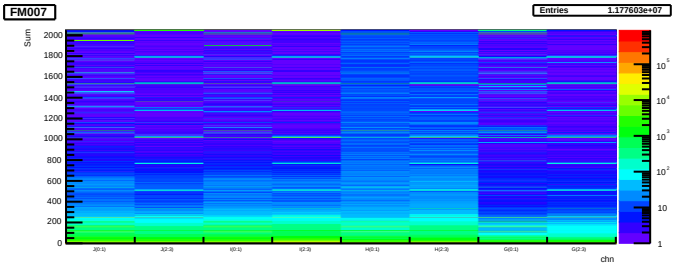

FM002
Entries 1.177603e+07
Sum
chn


FM003
Entries 1.177603e+07
Sum
chn


FM004
Entries 1.177603e+07
Sum
chn


FM005
Entries 1.177603e+07
Sum
chn


FM006
Entries 1.177603e+07
Sum
chn


FM007
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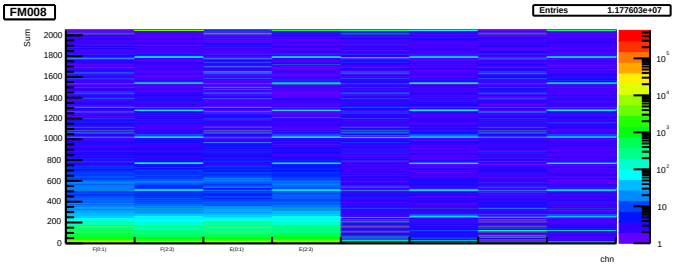
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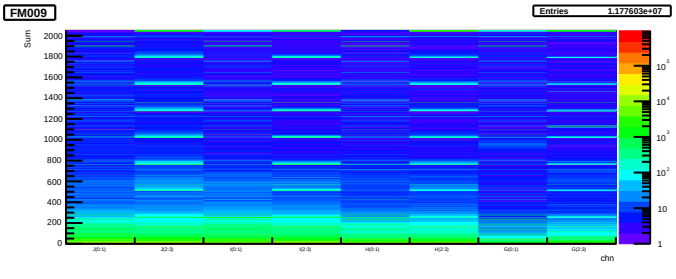
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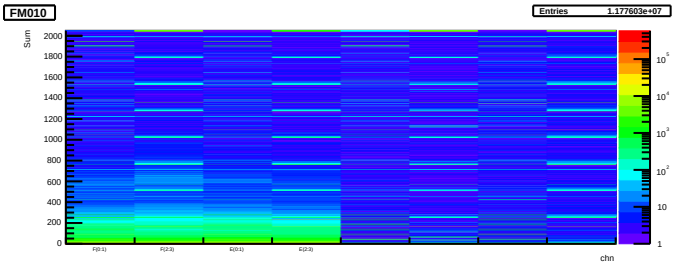
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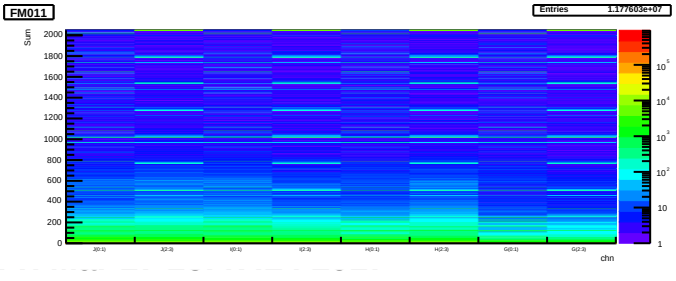
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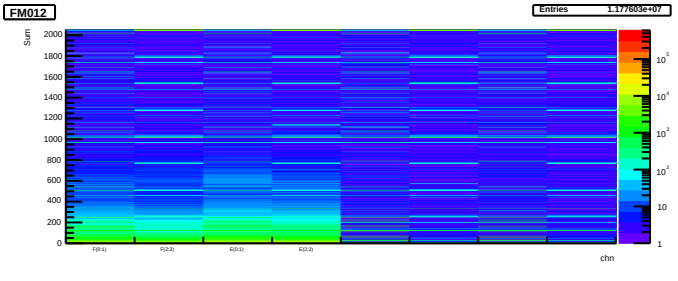
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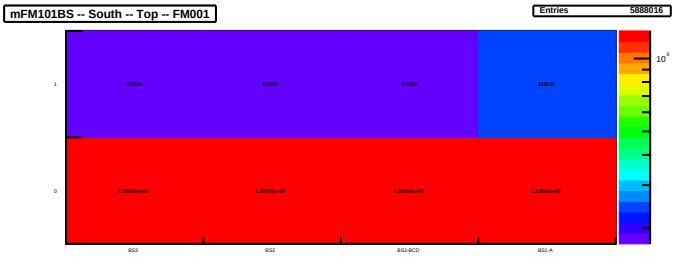
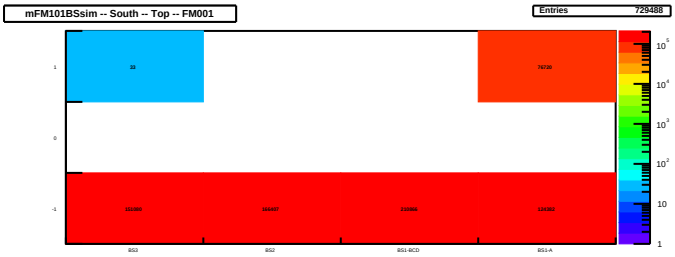

mFM101BS -- South -- Top -- FM001
Entries 5888016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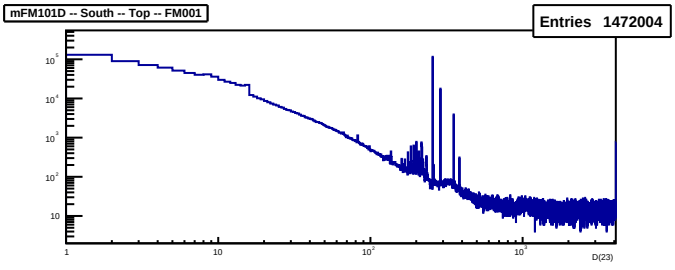
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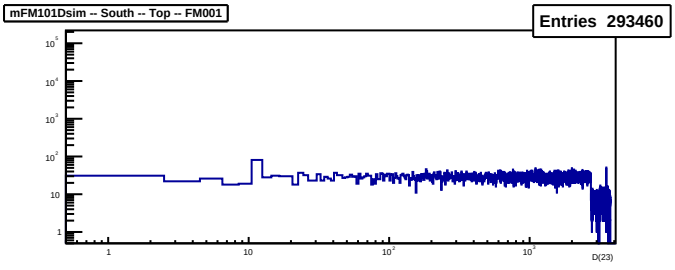
Entries 1472004
D(23)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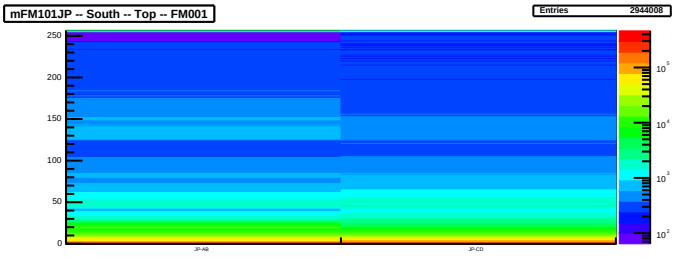
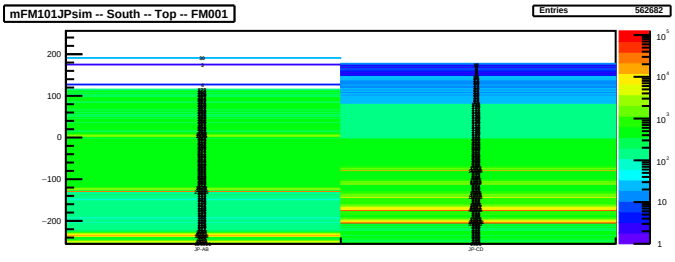

mFM101JP -- South -- Top -- FM001
Entries 2944008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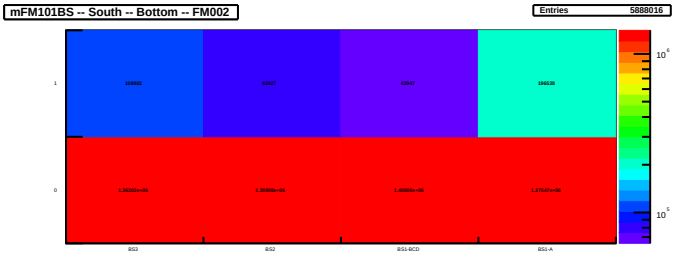
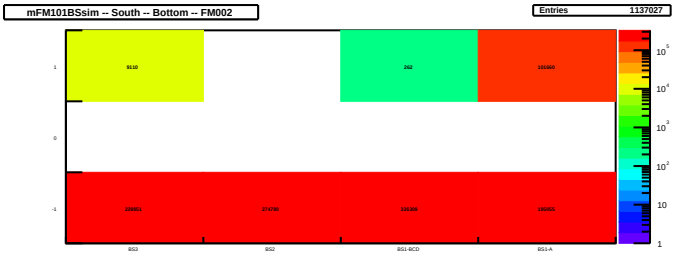

mFM101BS -- South -- Bottom -- FM002
Entries 5888016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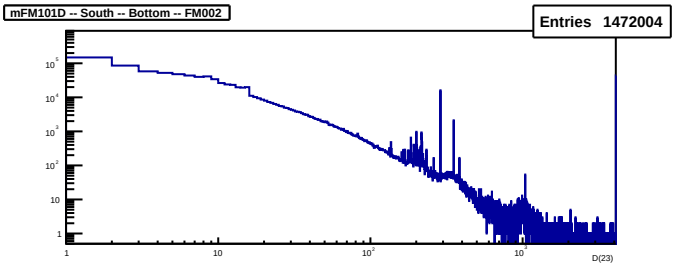
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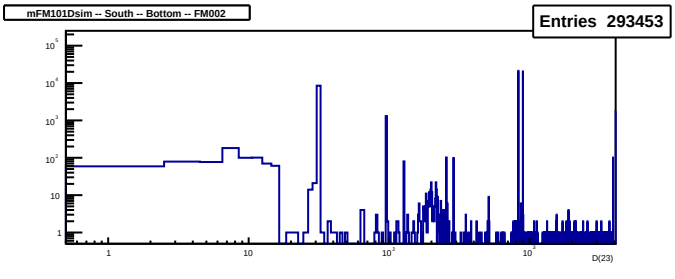
Entries 1472004
D(23)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Entries 293453
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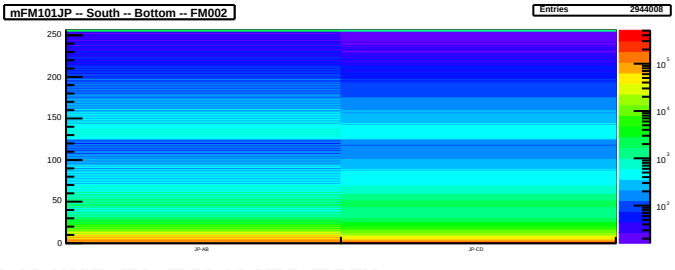
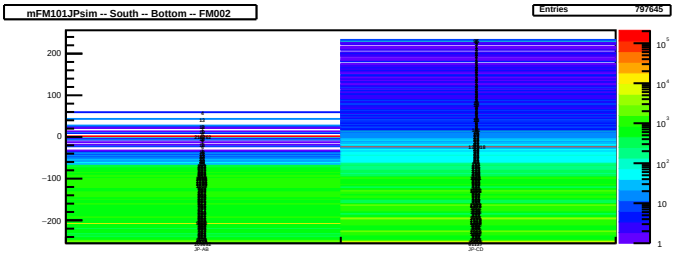

mFM101JP -- South -- Bottom -- FM002
Entries 2944008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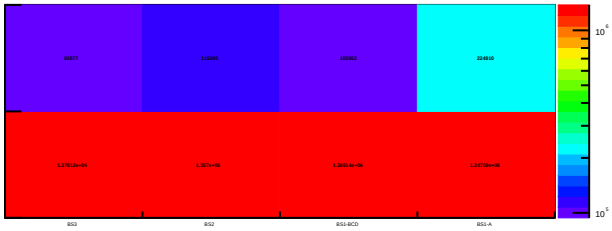

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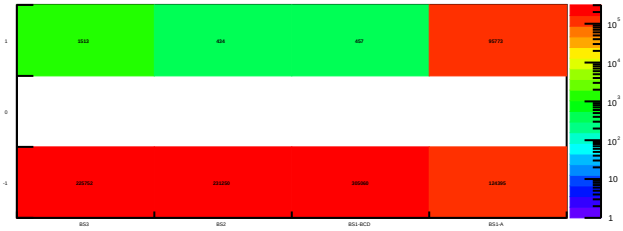

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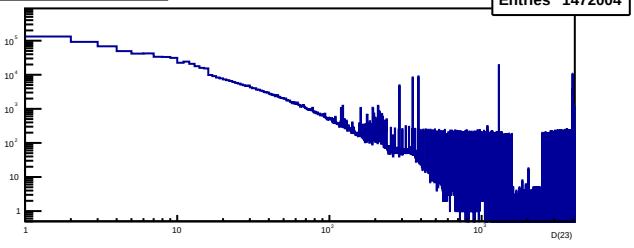

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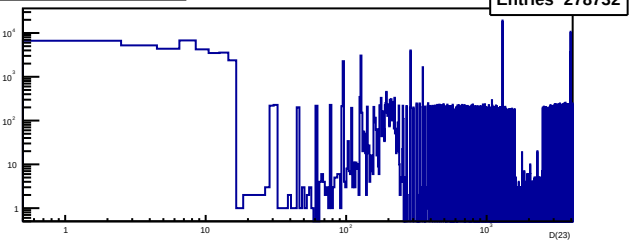

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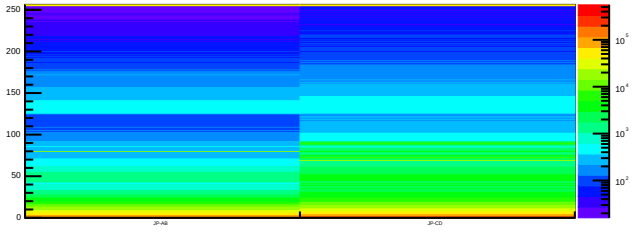

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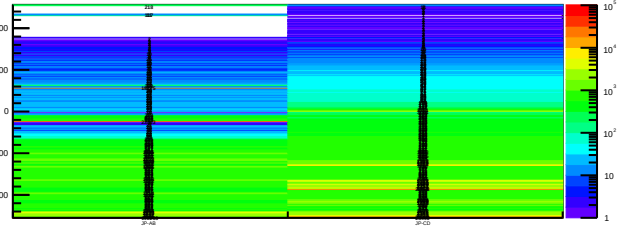

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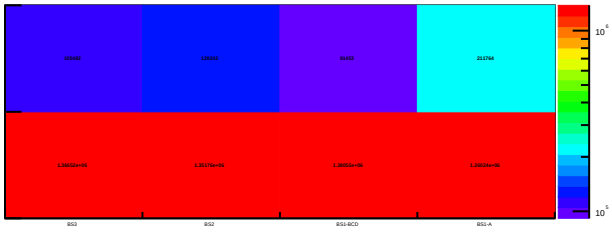

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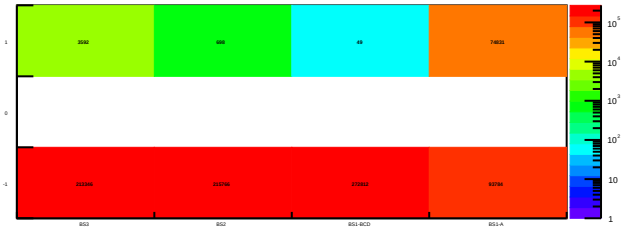

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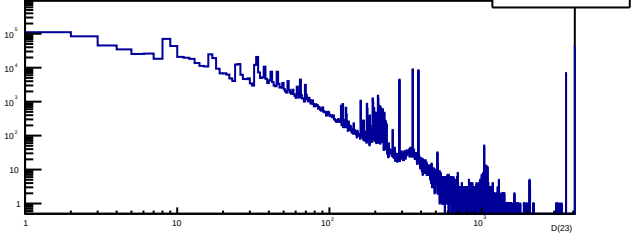

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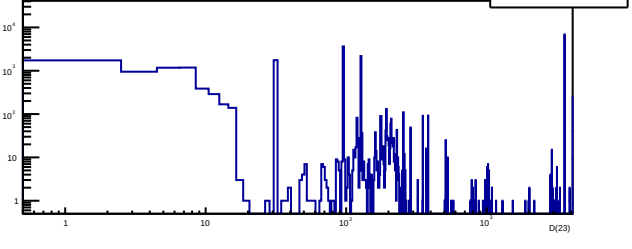

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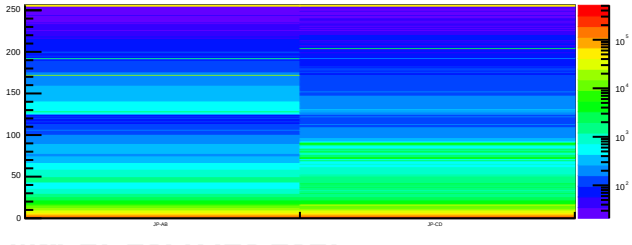

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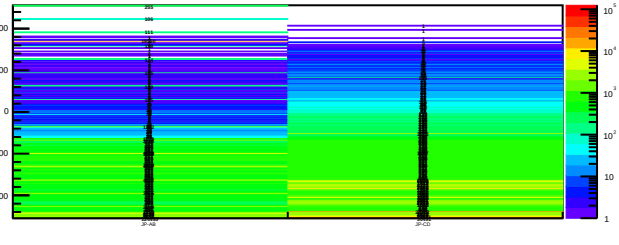

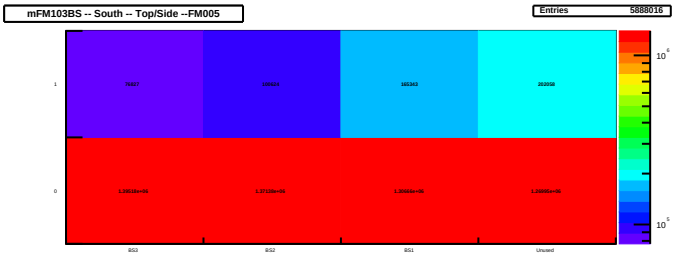
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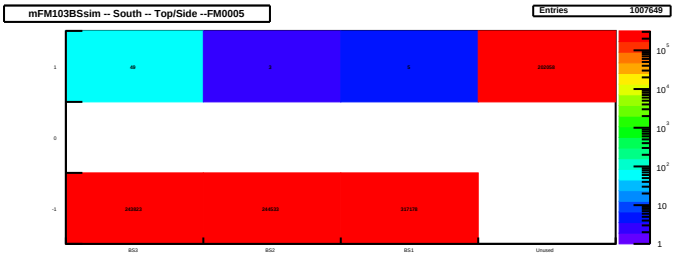
Entries 5888016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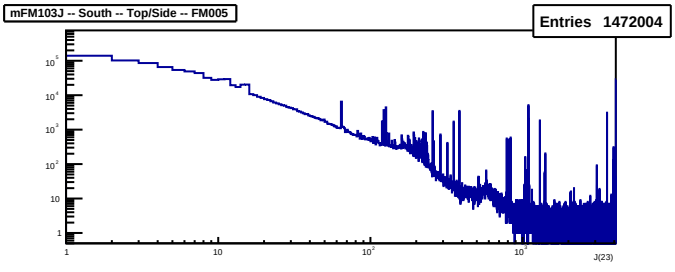
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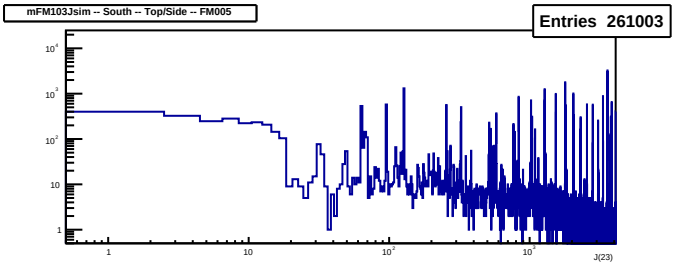
Entries 1472004
J(23)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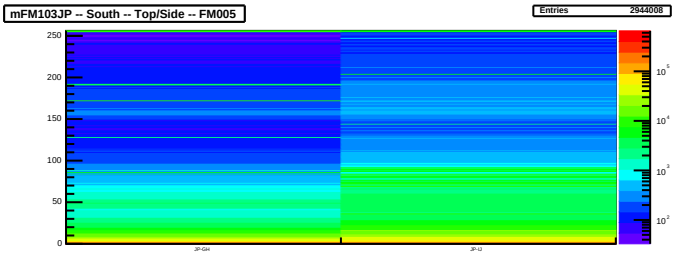
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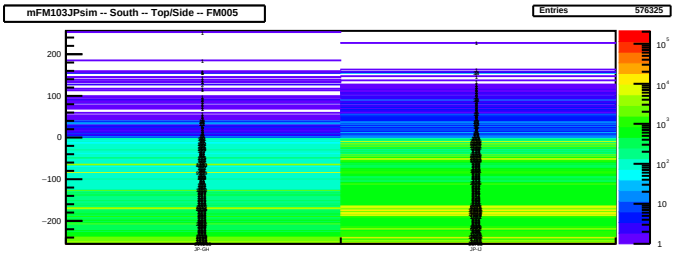
Entries 2944008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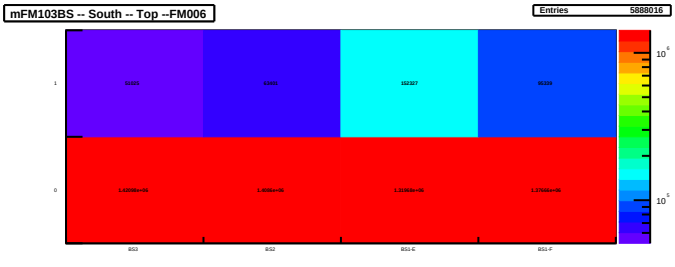
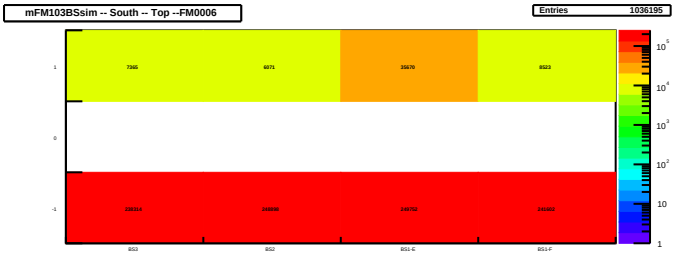

mFM103BS -- South -- Top --FM006
Entries 5888016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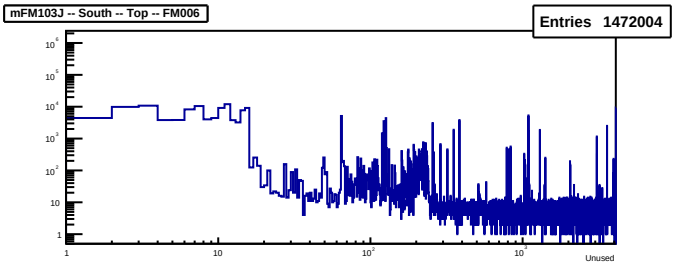
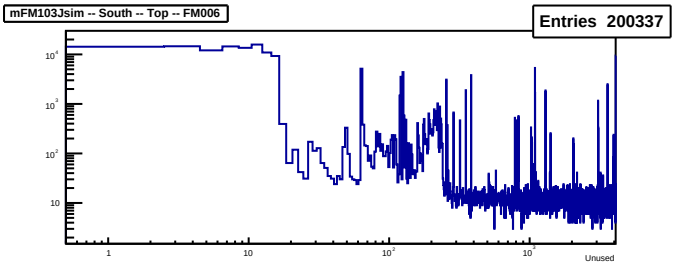

mFM103J -- South -- Top -- FM006
Entries 1472004
Unused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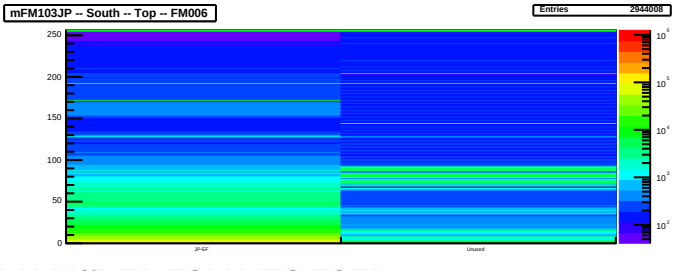
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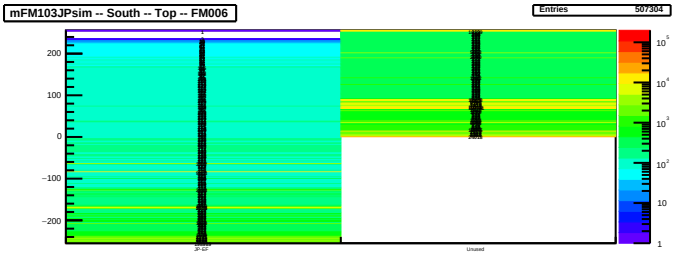
Entries 2944008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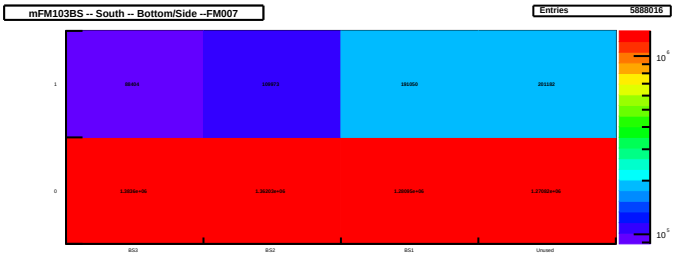
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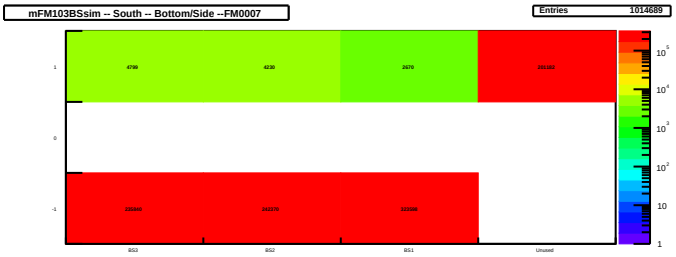
Entries 5888016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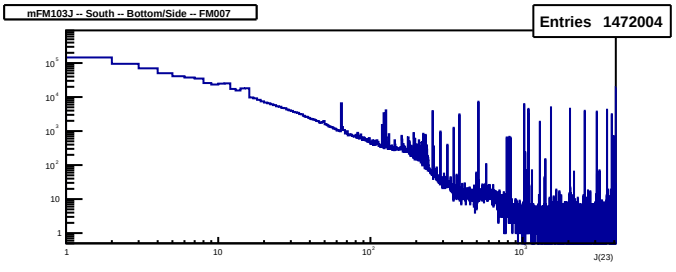
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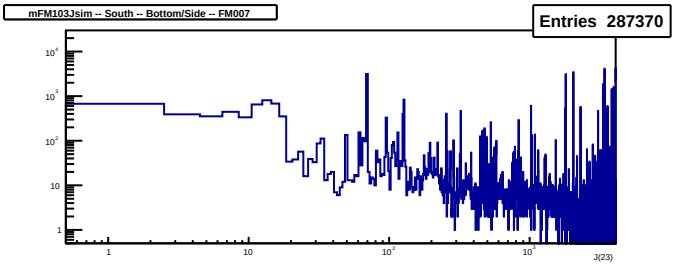
Entries 1472004
J(23)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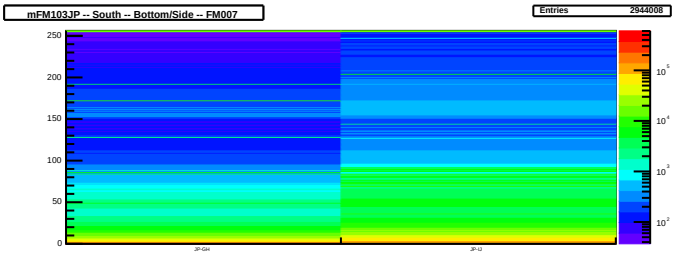
Entries 287370
J(23)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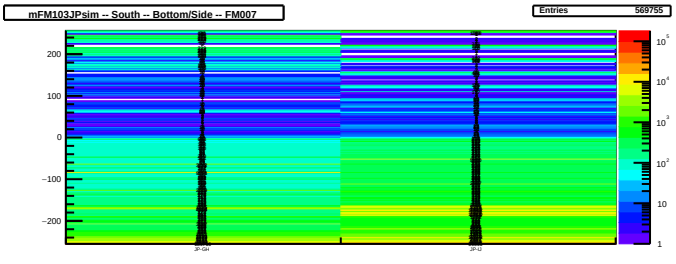
Entries 2944008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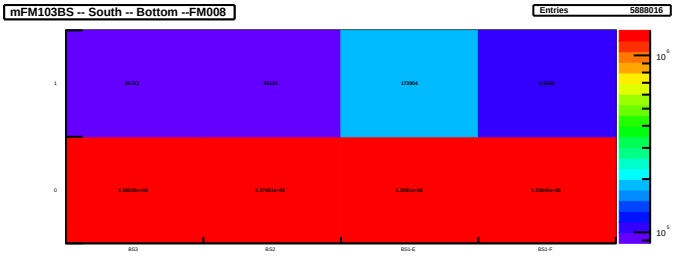
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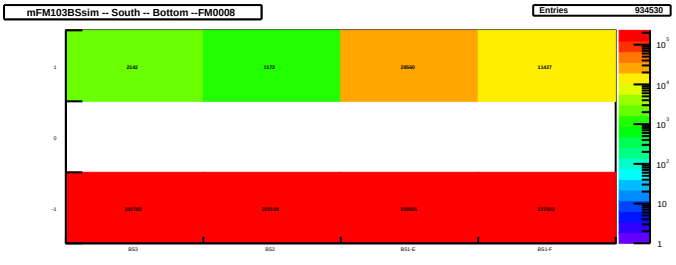
Entries 5888016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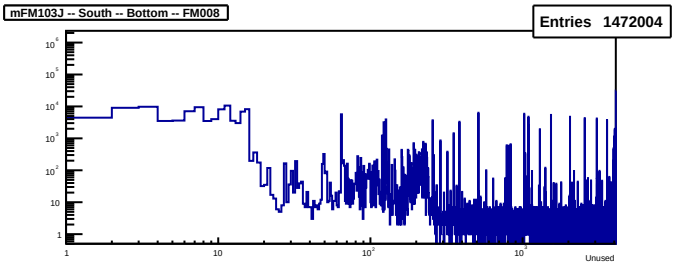
Entries 934530


mFM103J -- South -- Bottom -- FM008
Entries 1472004
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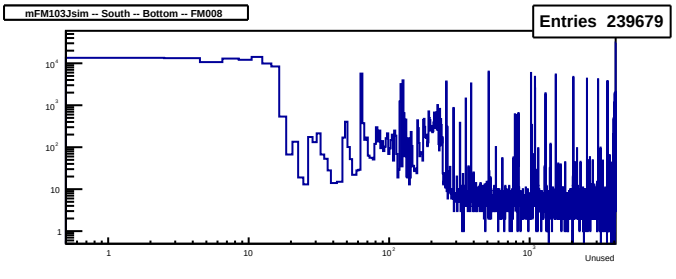
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Entries 239679
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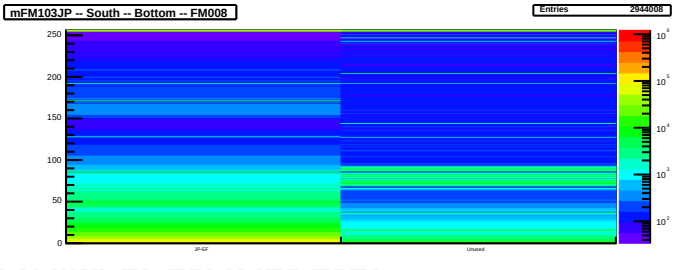
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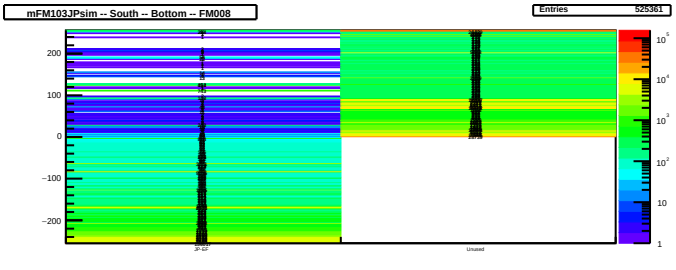
Entries 2944008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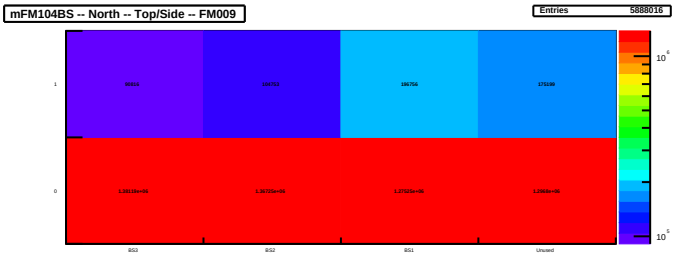
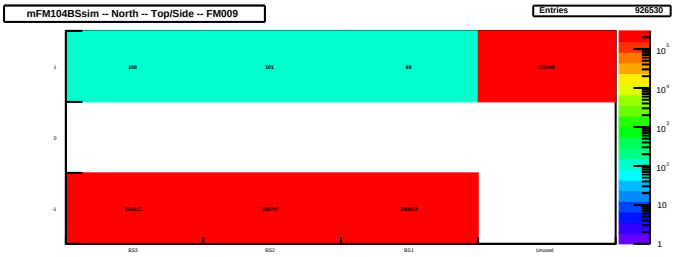
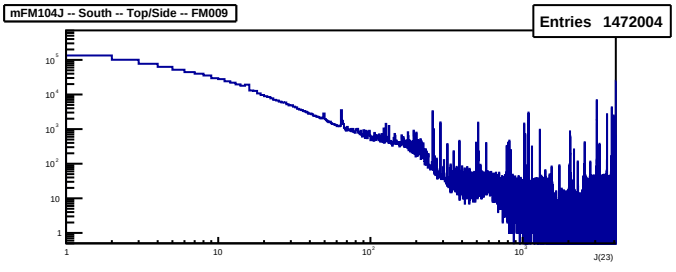
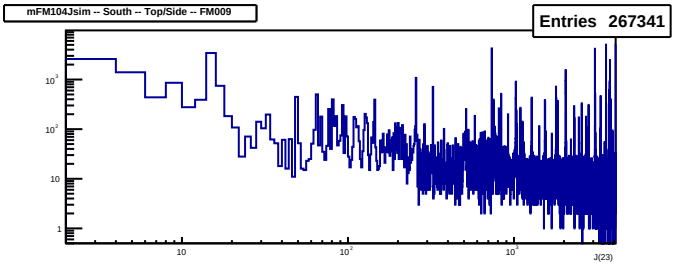
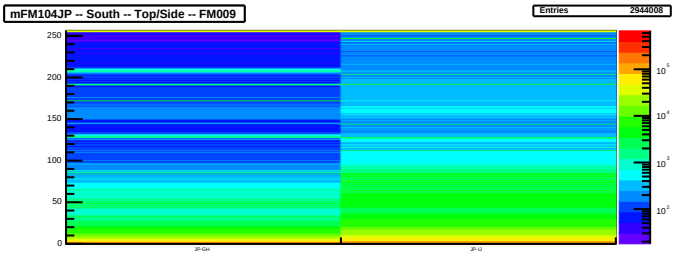
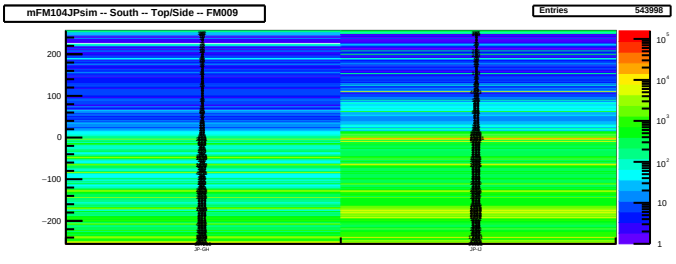

mFM104BS -- North -- Top/Side -- FM009
Entries 5888016

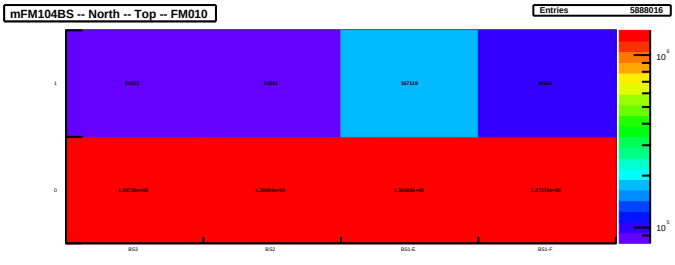

mFM104BSsim -- North -- Top/Side -- FM009
Entries 926530

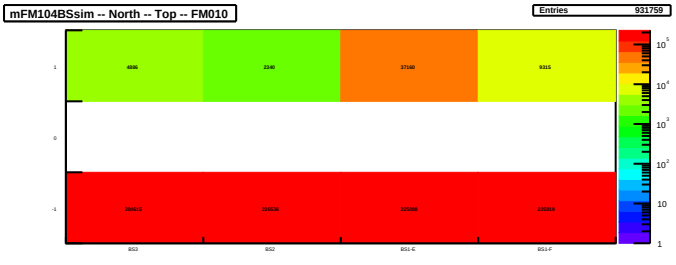

mFM104J -- South -- Top/Side -- FM009
Entries 1472004
J(23)

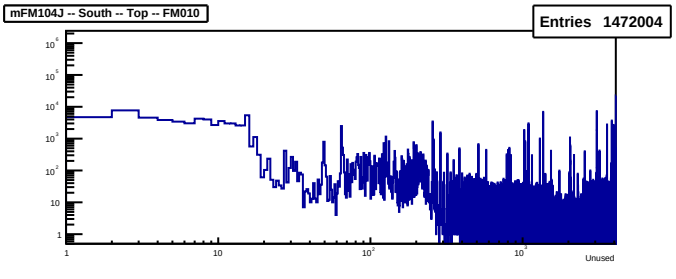

mFM104Jsim -- South -- Top/Side -- FM009
Entries 267341
J(23)

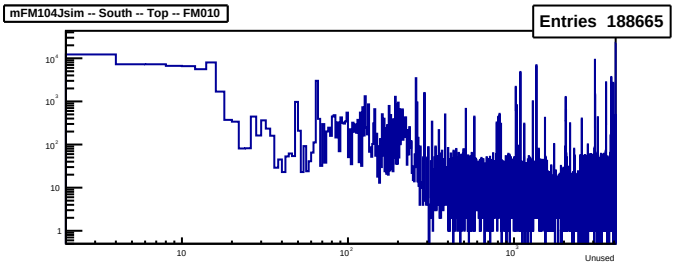

mFM104JP -- South -- Top/Side -- FM009
Entries 2944008

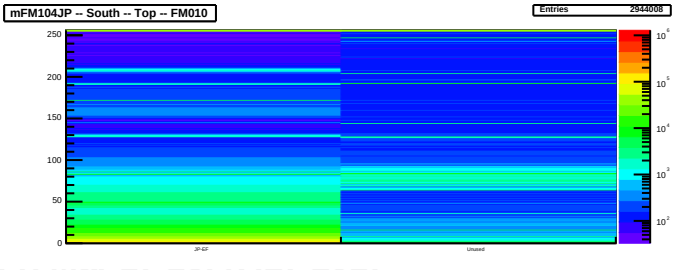

mFM104JPsim -- South -- Top/Side -- FM009
Entries 543998

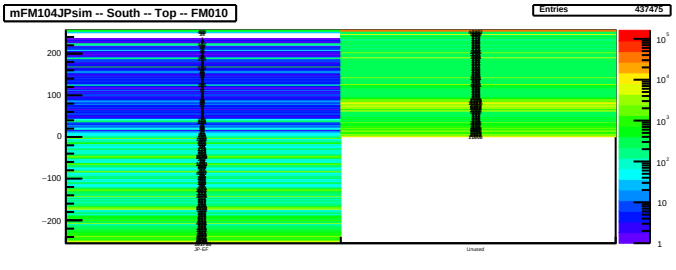

mFM104BS -- North -- Top -- FM010
Entries 5888016

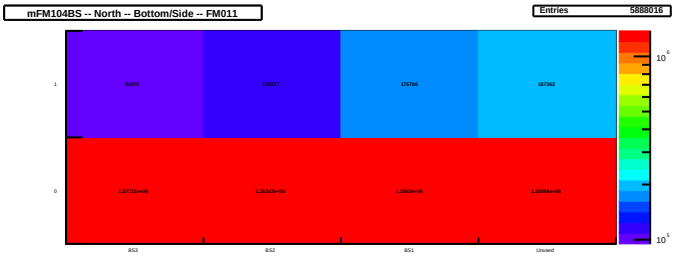

mFM104BSsim -- North -- Top -- FM010
Entries 931759

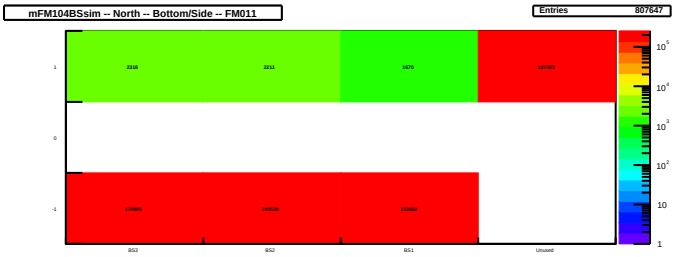

mFM104J -- South -- Top -- FM010
Entries 1472004
Unused

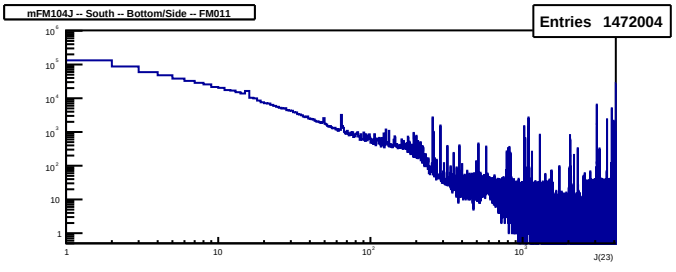

mFM104Jsim -- South -- Top -- FM010
Entries 188665
Unused

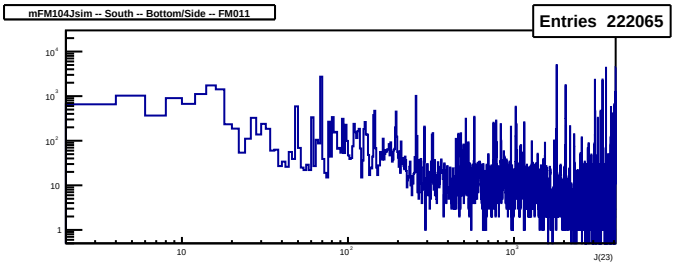

mFM104JP -- South -- Top -- FM010
Entries 2944008

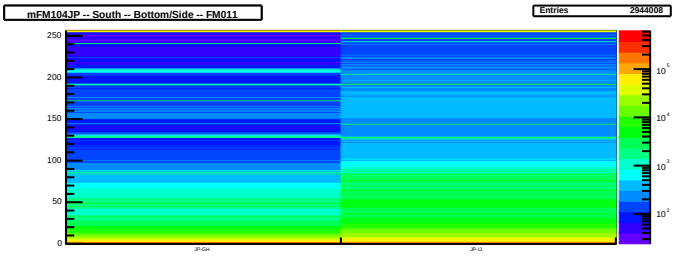

mFM104JPsim -- South -- Top -- FM010
Entries 437475

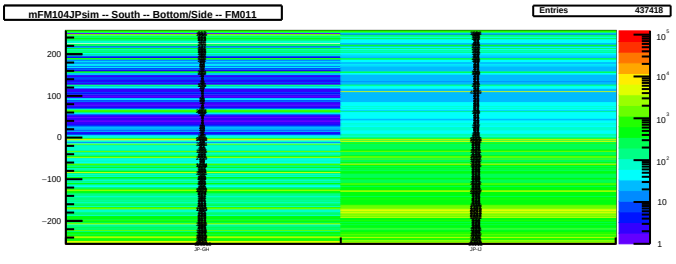

mFM104BS -- North -- Bottom/Side -- FM011
Entries 5888016

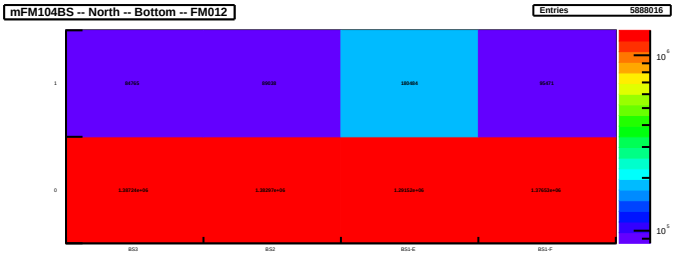

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 807647

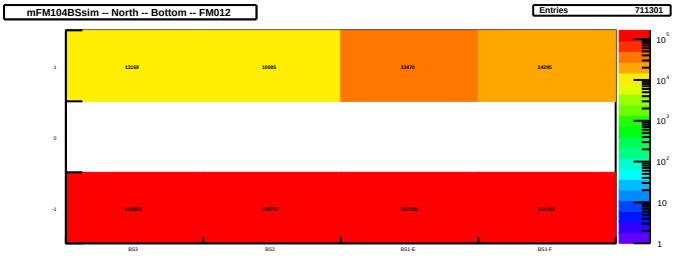

mFM104J -- South -- Bottom/Side -- FM011
Entries 1472004
J(23)

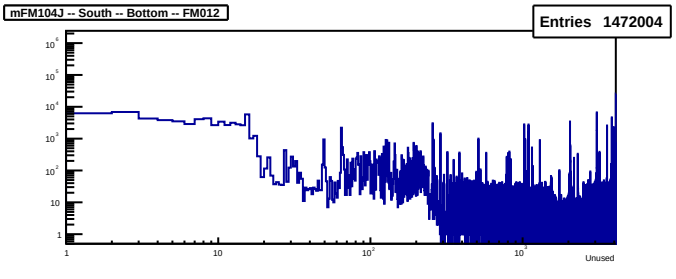

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 222065
J(23)

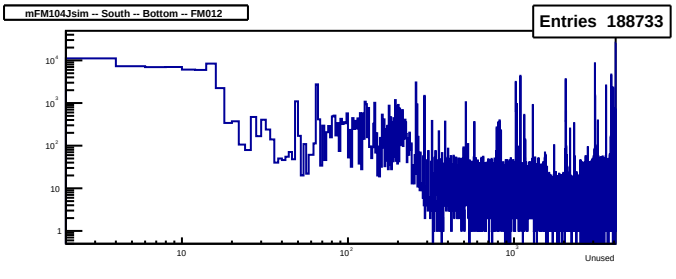

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2944008

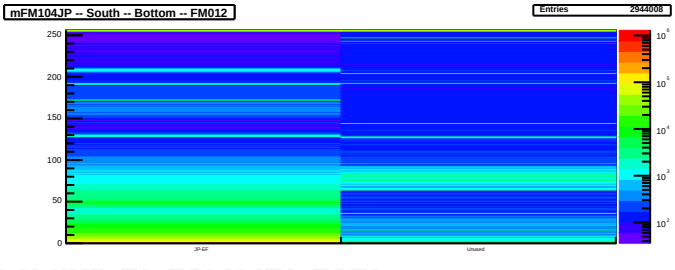

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 437418

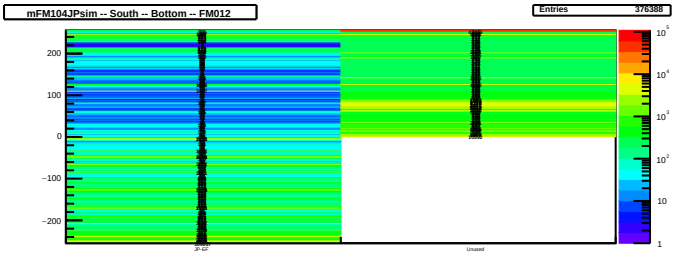

mFM104BS -- North -- Bottom -- FM012
Entries 5888016

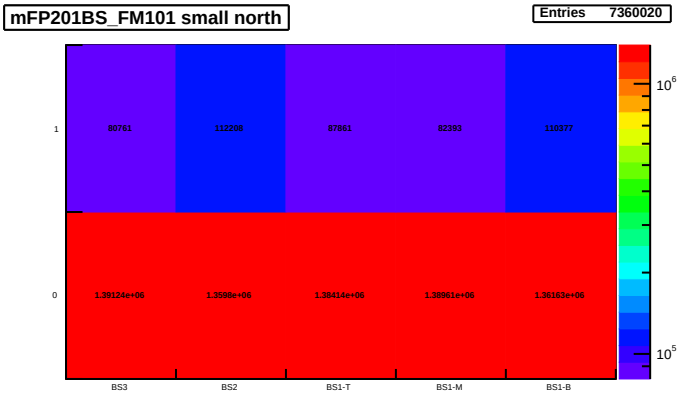

mFM104BSsim -- North -- Bottom -- FM012
Entries 711301

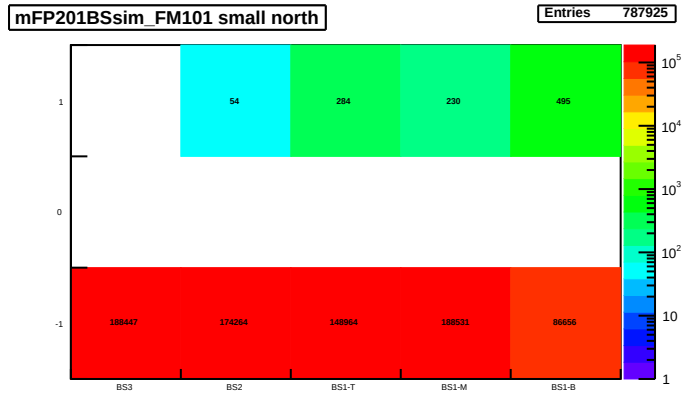

mFM104J -- South -- Bottom -- FM012
Entries 1472004
Unused

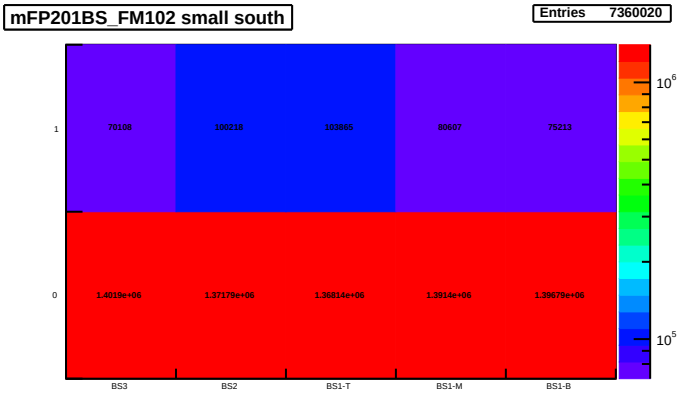

mFM104Jsim -- South -- Bottom -- FM012
Entries 188733
Unused

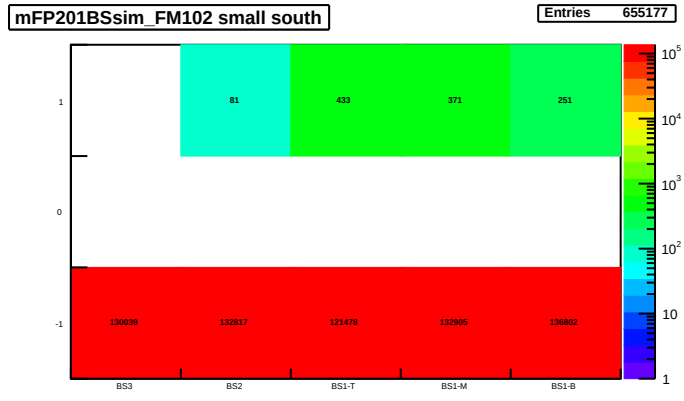

mFM104JP -- South -- Bottom -- FM012
Entries 2944008

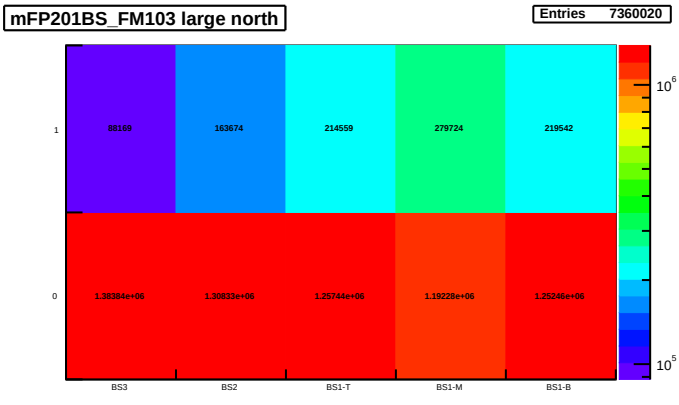

mFM104JPsim -- South -- Bottom -- FM012
Entries 376388

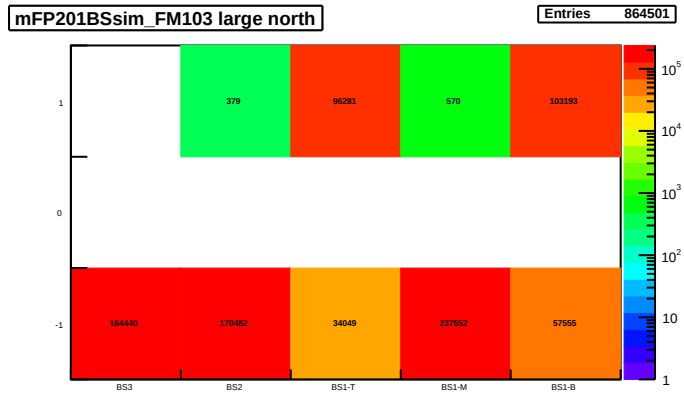

mFP201BS_FM101 small north
Entries 7360020
1
0
80761
112208
87861
82393
110377
1.39124e+06
1.3598e+06
1.38414e+06
1.38961e+06
1.36163e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

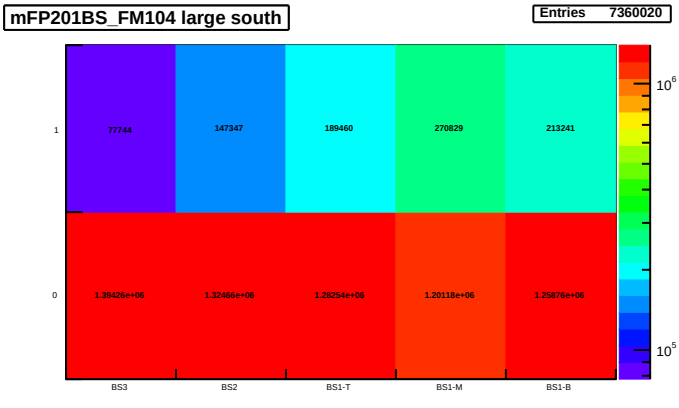

mFP201BSsim_FM101 small north
Entries 787925
1
0
-1
54
284
230
495
188447
174264
148964
188531
86656
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

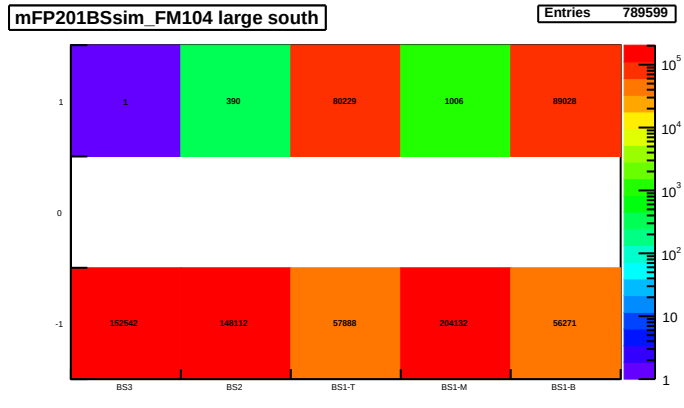

mFP201BS_FM102 small south
Entries 7360020
1
0
70108
100218
103865
80607
75213
1.4019e+06
1.37179e+06
1.36814e+06
1.3914e+06
1.39679e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

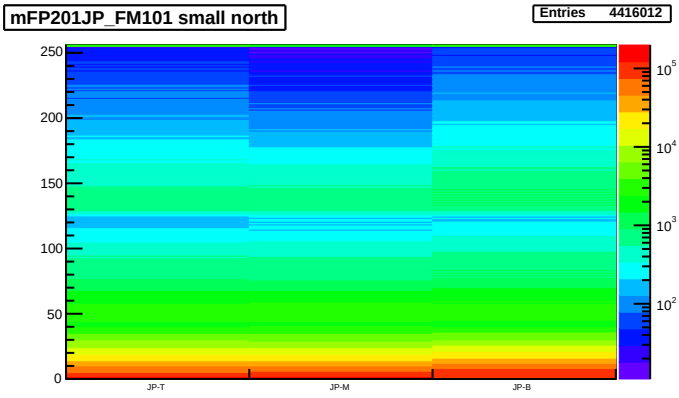

mFP201BSsim_FM102 small south
Entries 655177
1
0
-1
81
433
371
251
130039
132817
121478
132905
136802
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

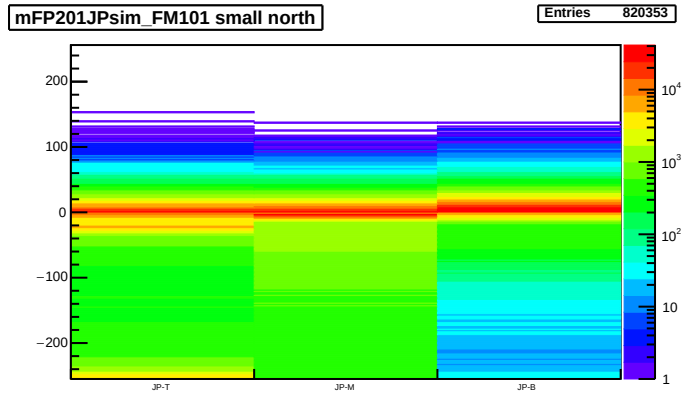

mFP201BS_FM103 large north
Entries 7360020
1
0
88169
163674
214559
279724
219542
1.38384e+06
1.30833e+06
1.25744e+06
1.19228e+06
1.25246e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

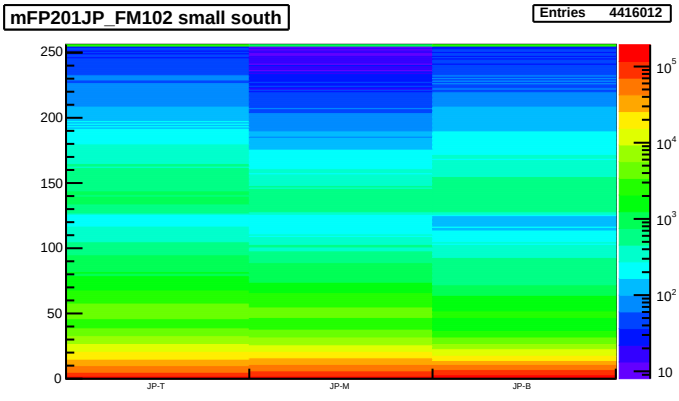

mFP201BSsim_FM103 large north
Entries 864501
1
0
-1
379
96281
570
103193
164440
170482
34049
237552
57555
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

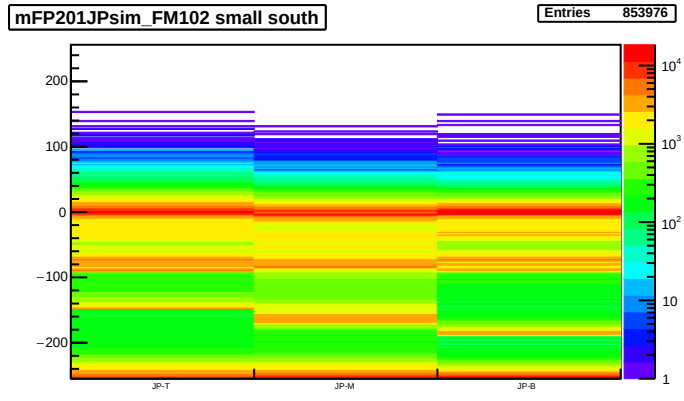

mFP201BS_FM104 large south
Entries 7360020
1
0
77744
147347
189460
270829
213241
1.39426e+06
1.32466e+06
1.28254e+06
1.20118e+06
1.25876e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

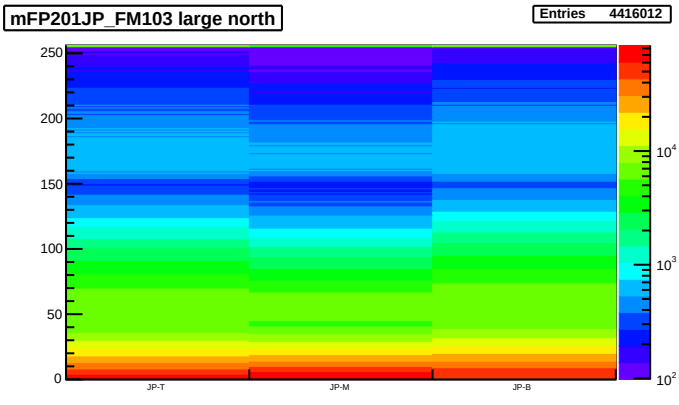

mFP201BSsim_FM104 large south
Entries 789599
1
0
-1
1
390
80229
1006
89028
152542
148112
57888
204132
56271
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

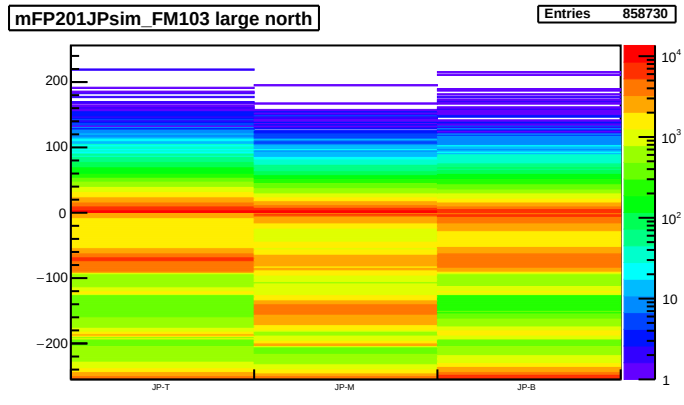

mFP201JP_FM101 small north
Entries 4416012
JP-T
JP-M
JP-B

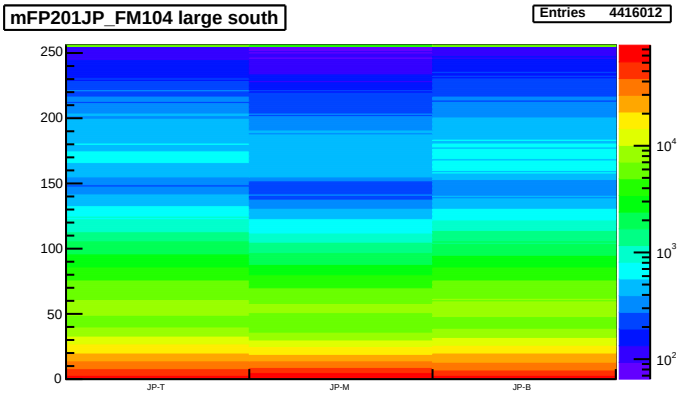

mFP201JPsim_FM101 small north
Entries 820353
JP-T
JP-M
JP-B

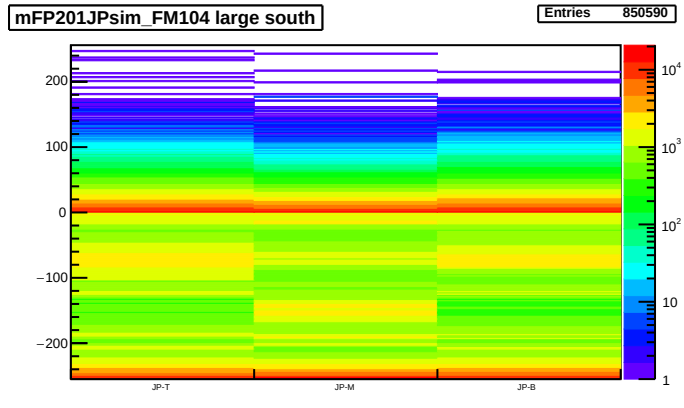

mFP201JP_FM102 small south
Entries 4416012
JP-T
JP-M
JP-B

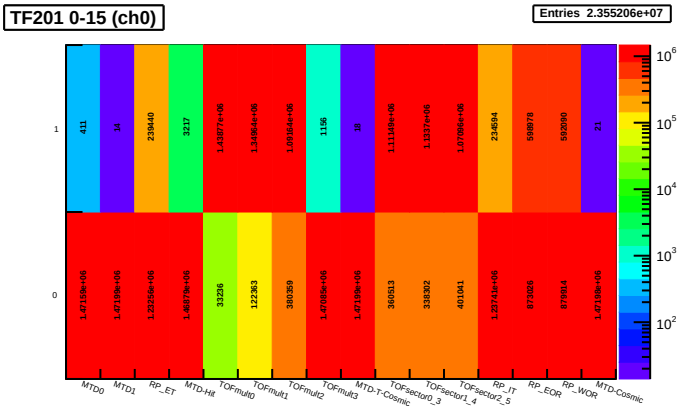

mFP201JPsim_FM102 small south
Entries 853976
JP-T
JP-M
JP-B

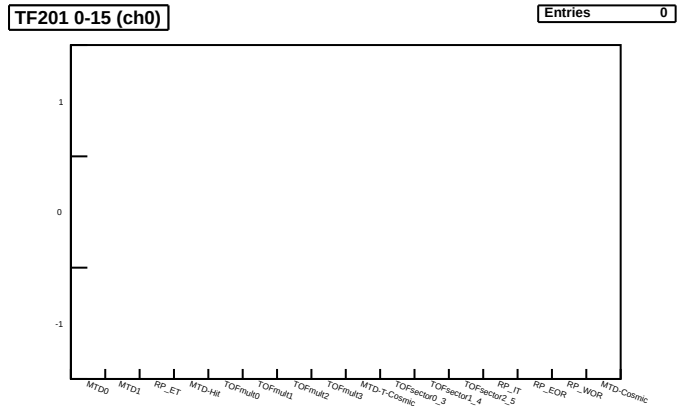

mFP201JP_FM103 large north
Entries 4416012
JP-T
JP-M
JP-B

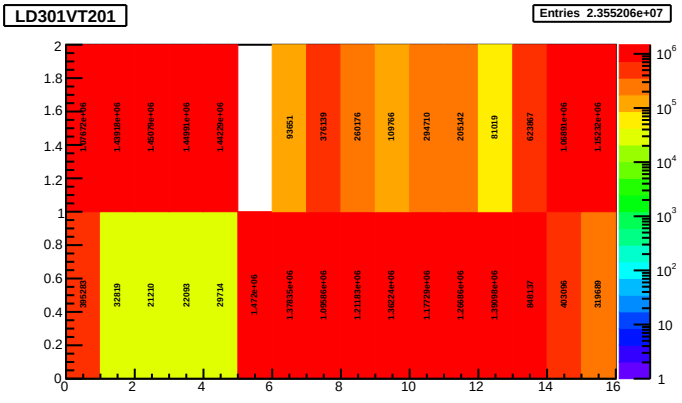

mFP201JPsim_FM103 large north
Entries 858730
JP-T
JP-M
JP-B

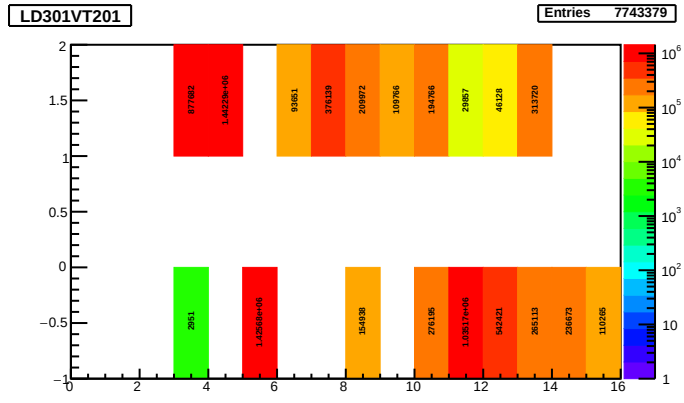

mFP201JP_FM104 large south
Entries 4416012
JP-T
JP-M
JP-B

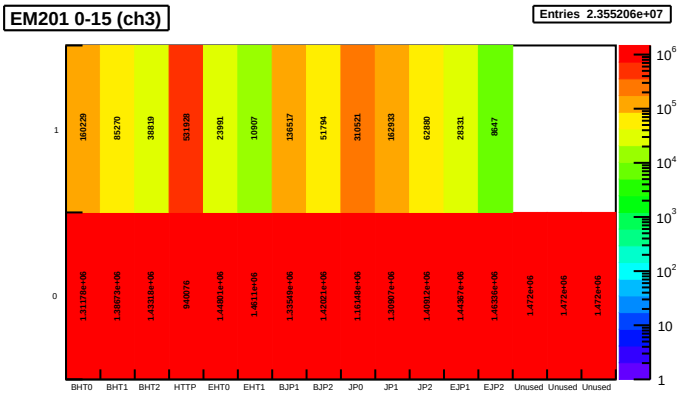

mFP201JPsim_FM104 large south
Entries 850590
JP-T
JP-M
JP-B

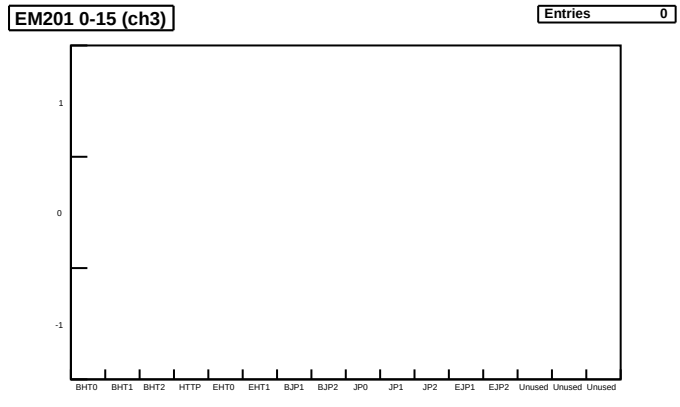

TF201 0-15 (ch0)
Entries 2.355206e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

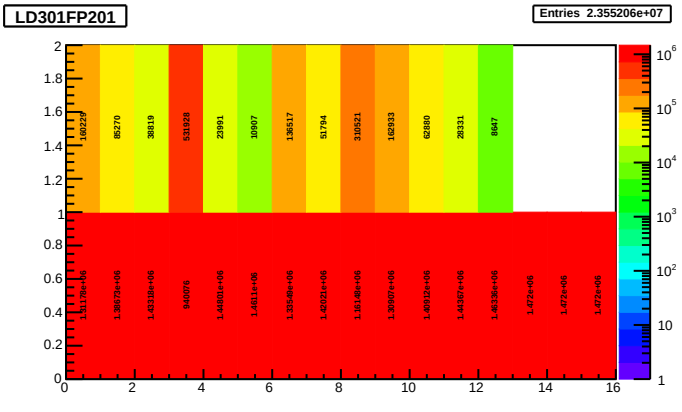

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

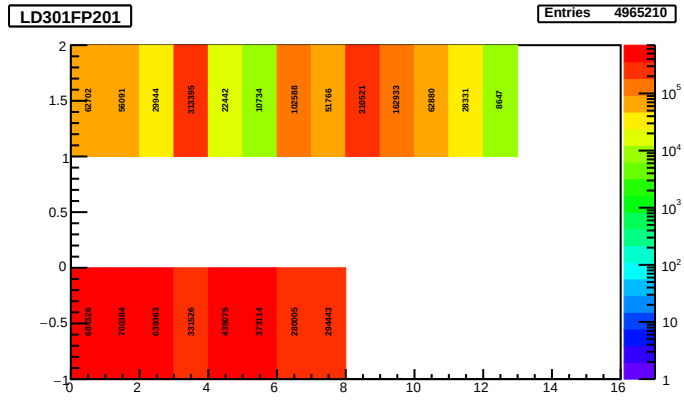

LD301VT201
Entries 2.355206e+07


LD301VT201
Entries 7743379


EM201 0-15 (ch3)
Entries 2.355206e+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 2.355206e+07


LD301FP201
Entries 4965210