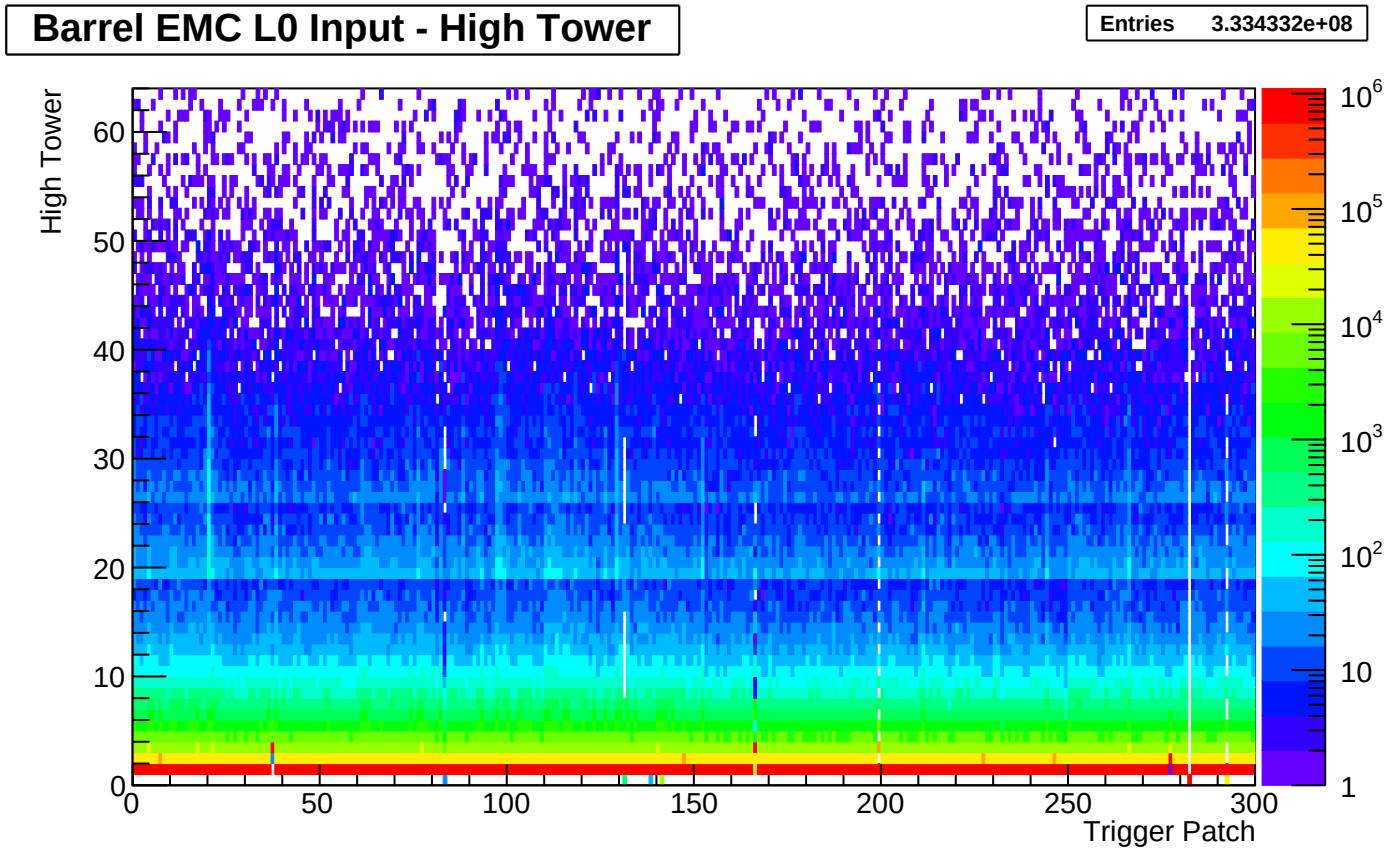
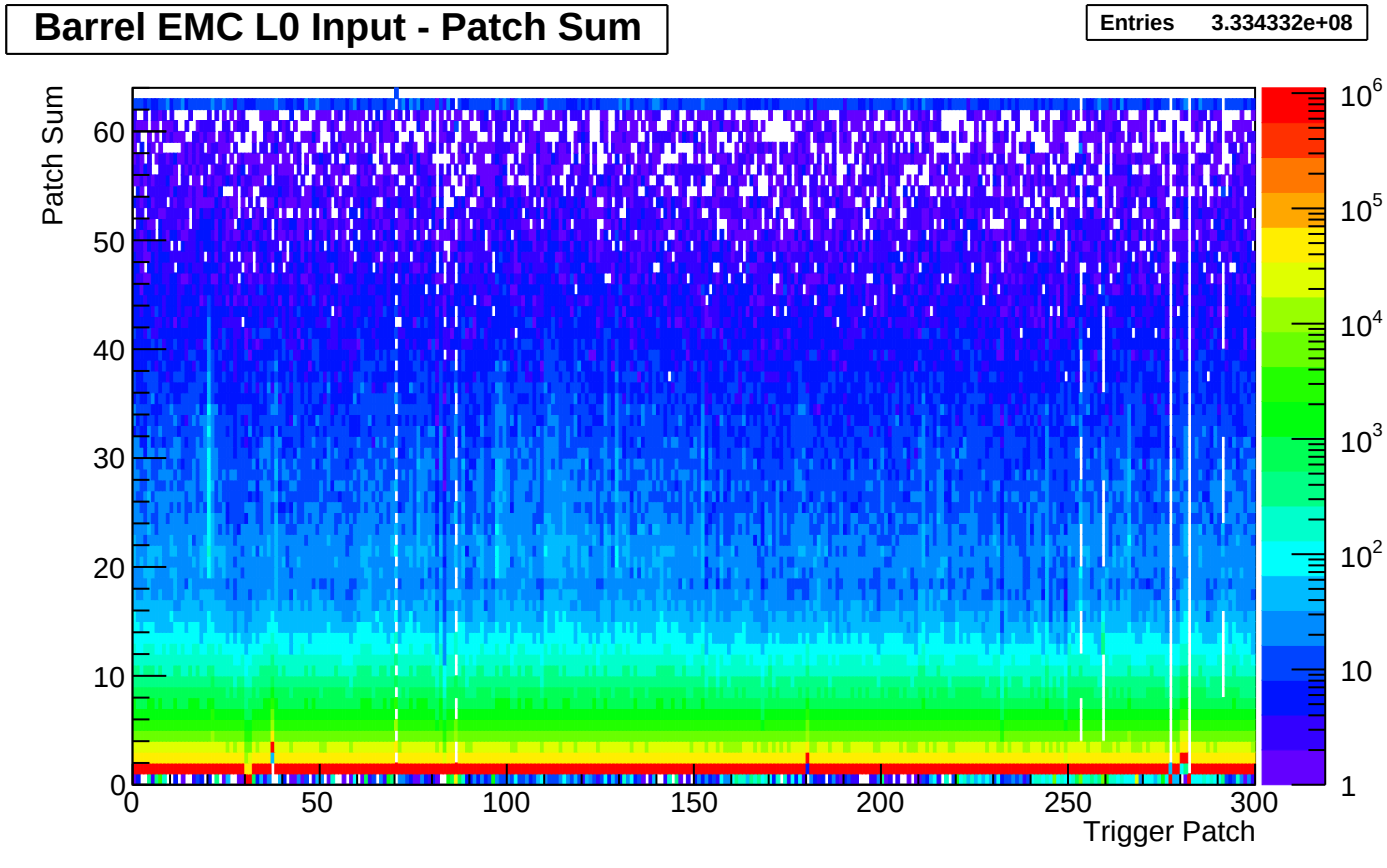
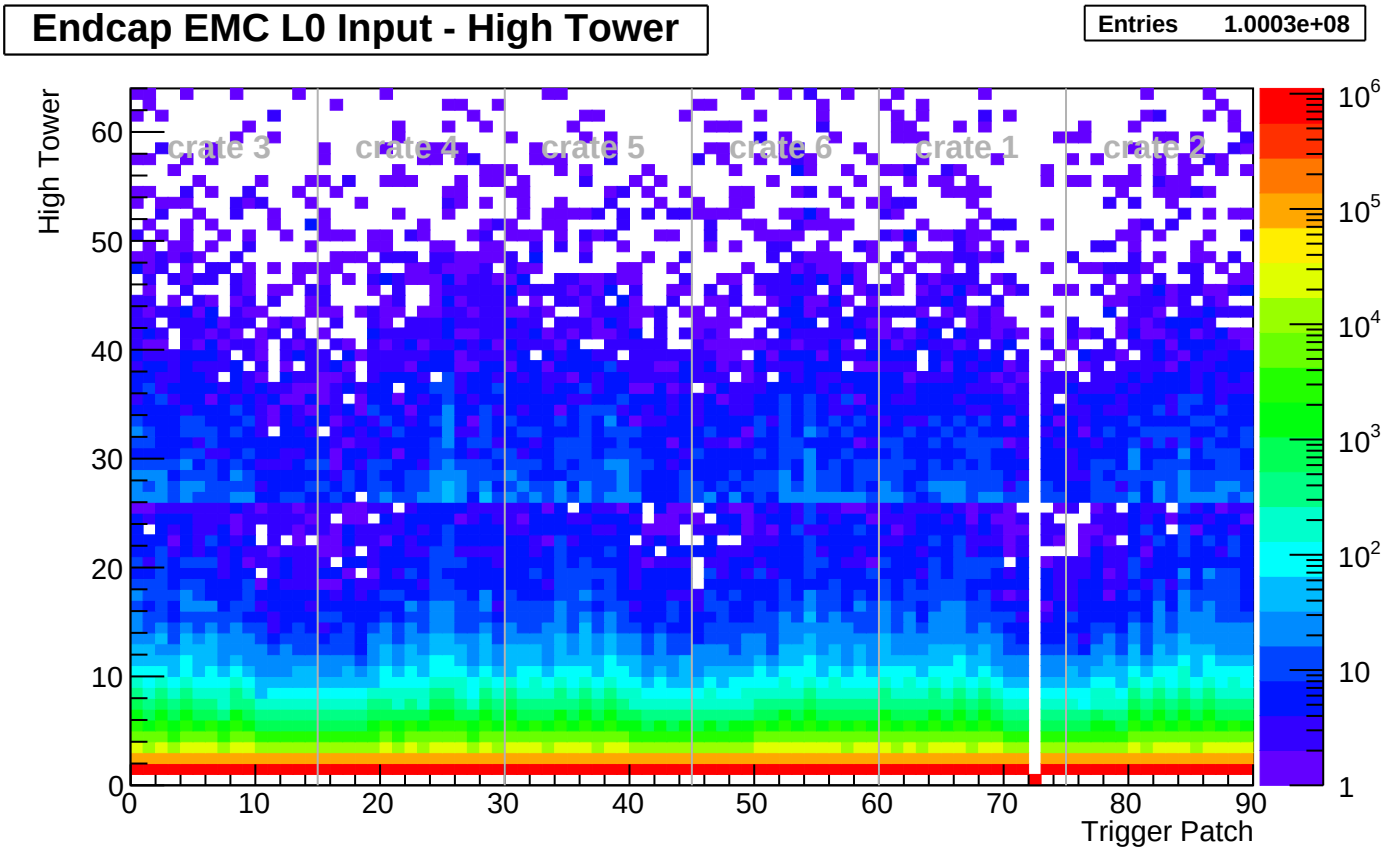
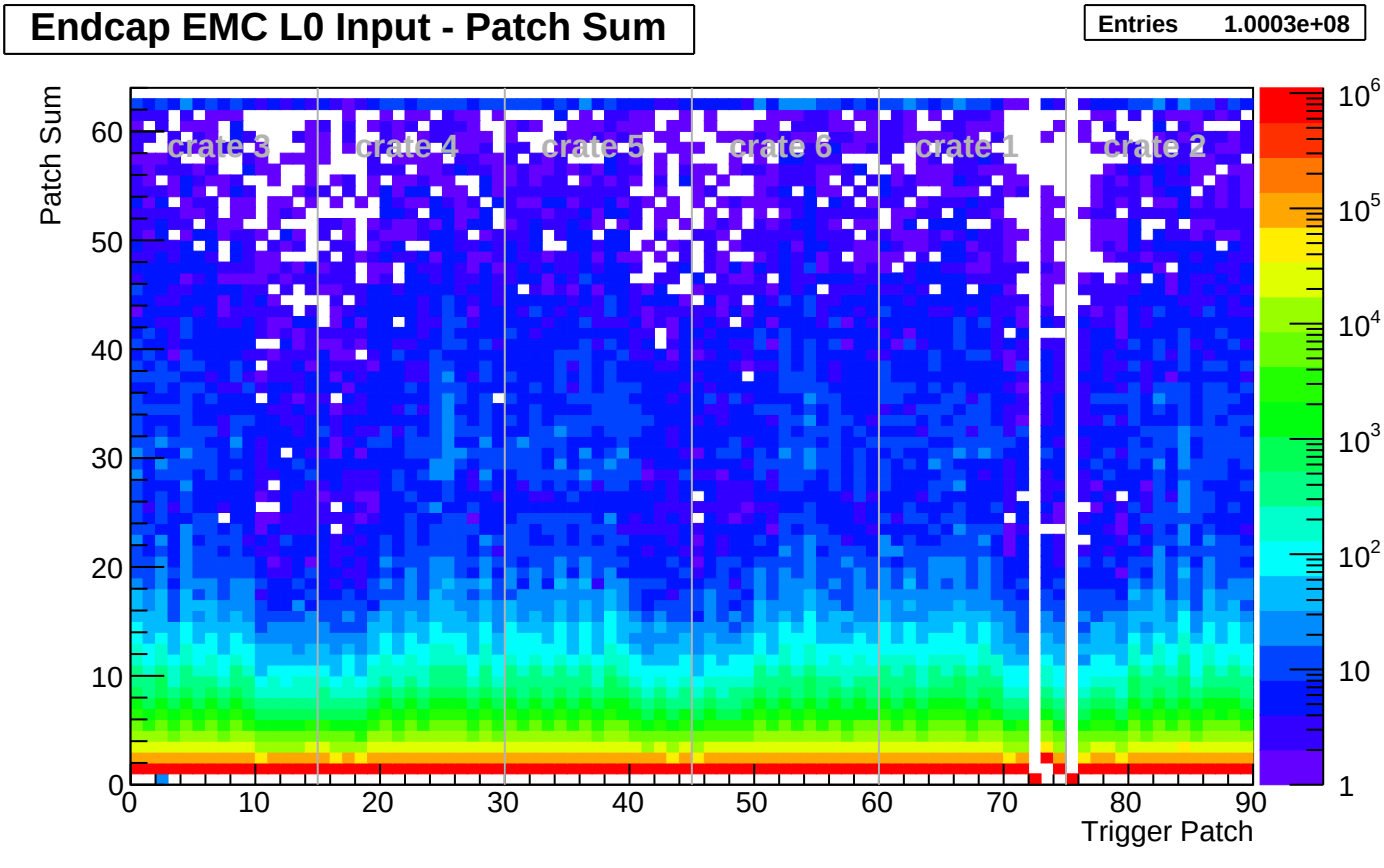
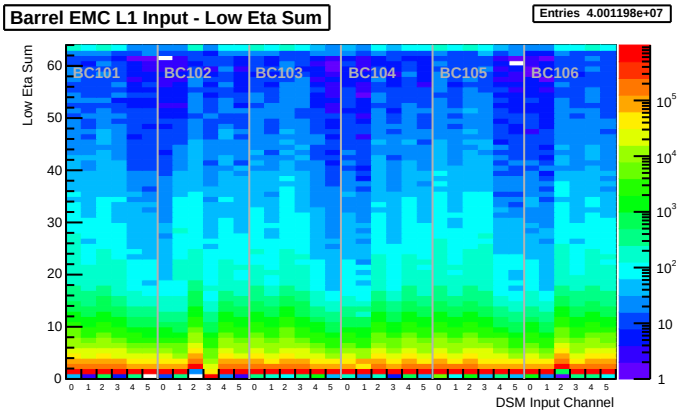
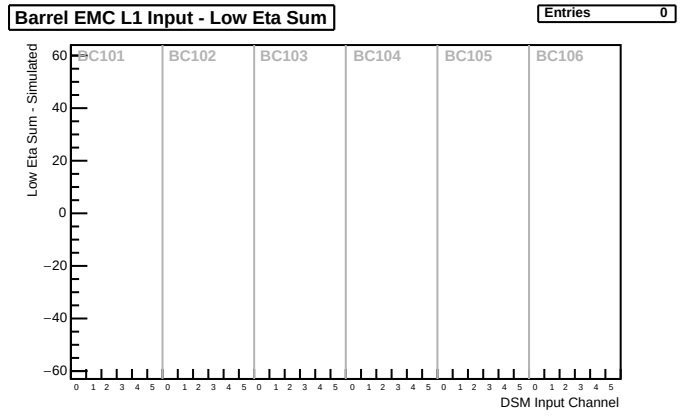

Barrel EMC L0 Input - High Tower
Entries 3.334332e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

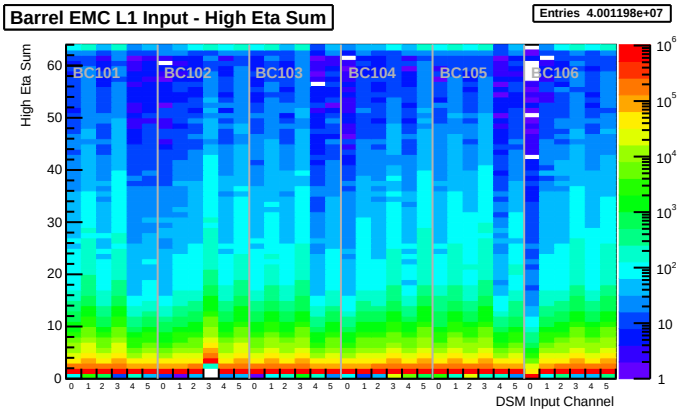

Barrel EMC L0 Input - Patch Sum
Entries 3.334332e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

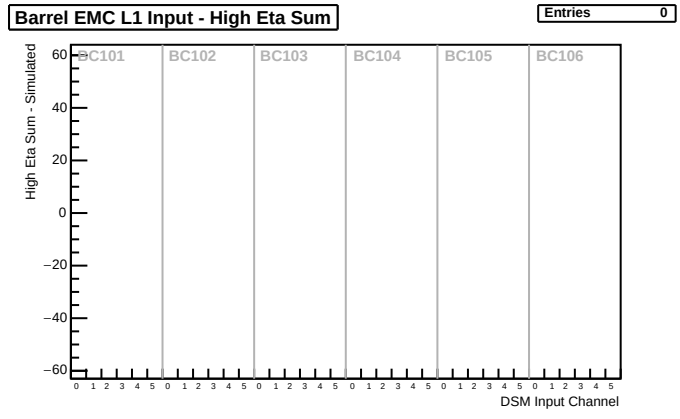

Endcap EMC L0 Input - High Tower
Entries 1.0003e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

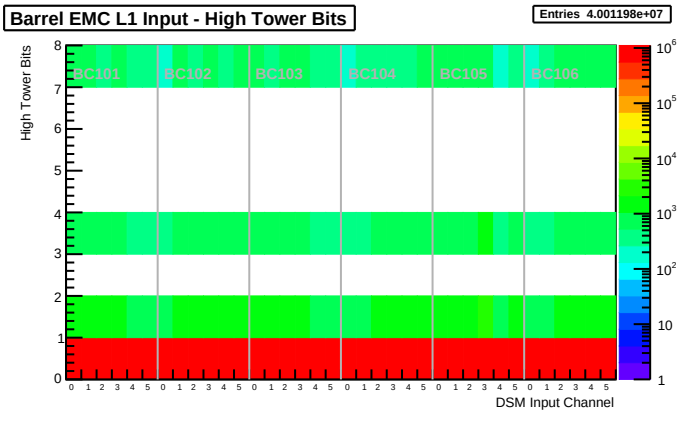

Endcap EMC L0 Input - Patch Sum
Entries 1.0003e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

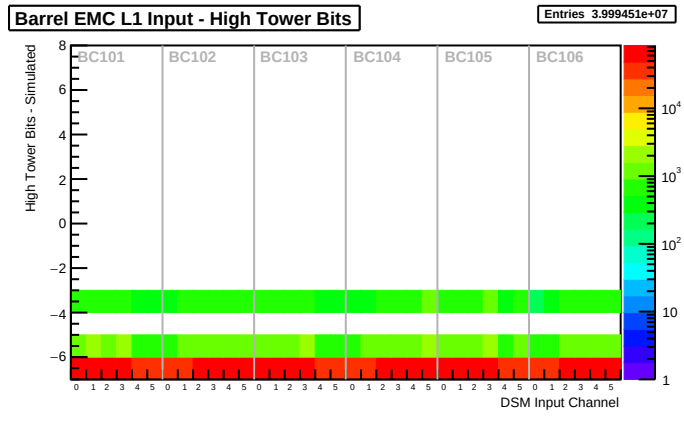

Barrel EMC L1 Input - Low Eta Sum
Entries 4.001198e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

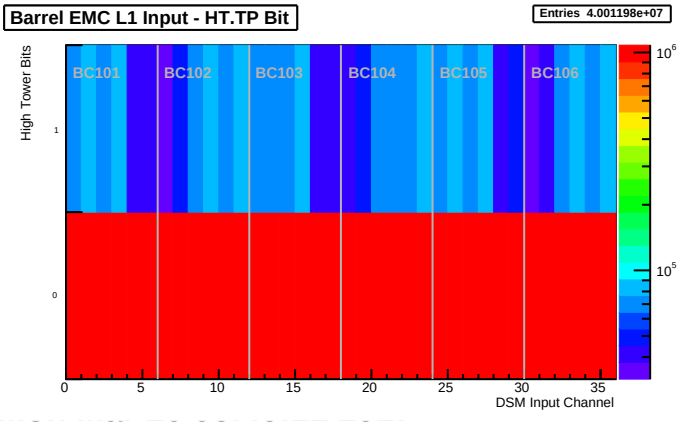

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

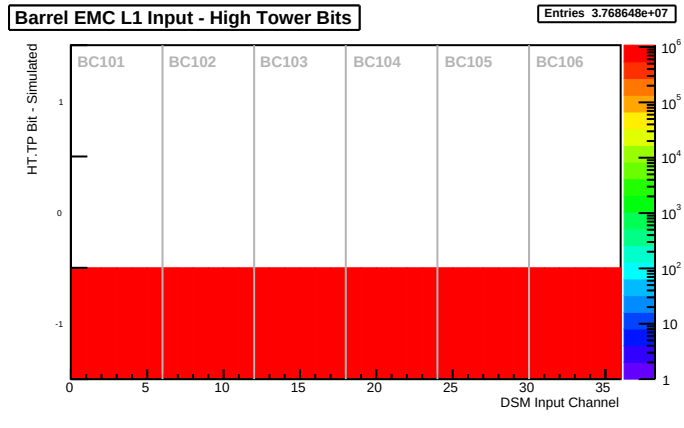

Barrel EMC L1 Input - High Eta Sum
Entries 4.001198e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

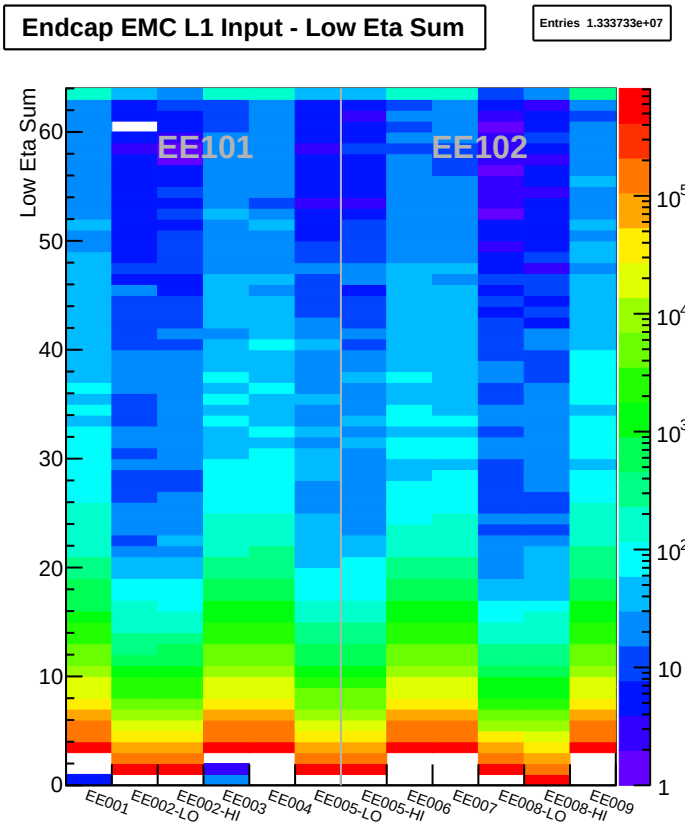

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

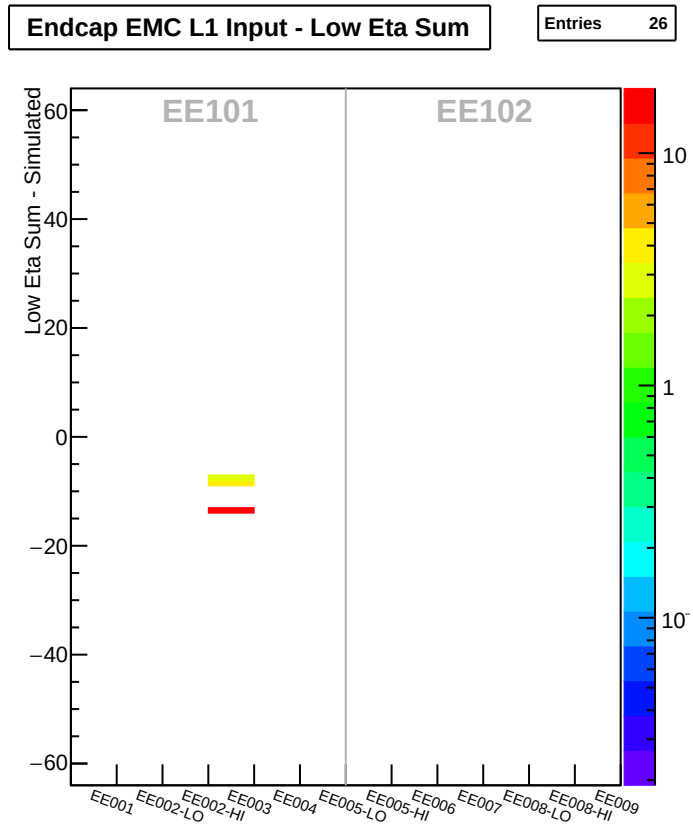

Barrel EMC L1 Input - High Tower Bits
Entries 4.001198e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

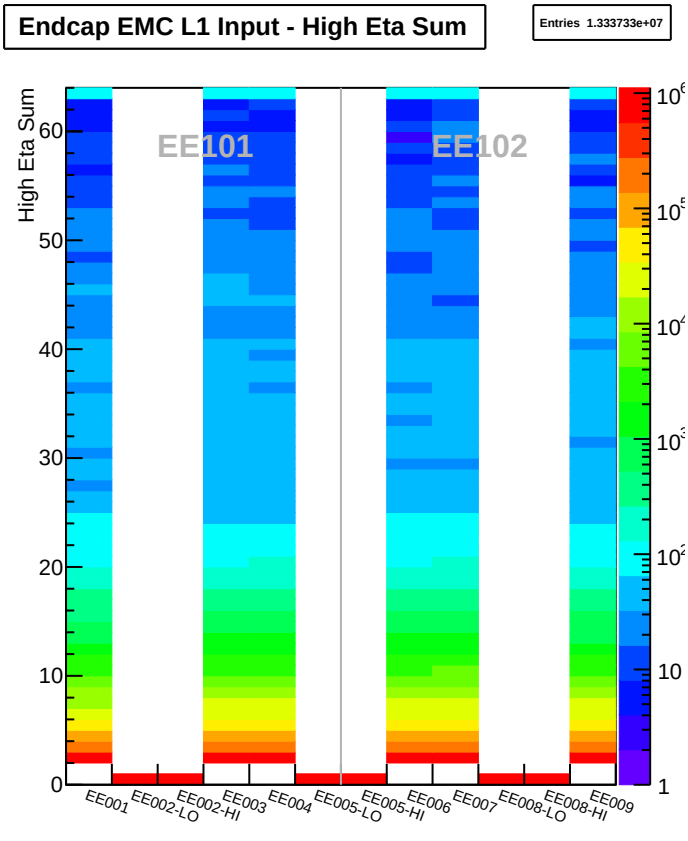

Barrel EMC L1 Input - High Tower Bits
Entries 3.999451e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

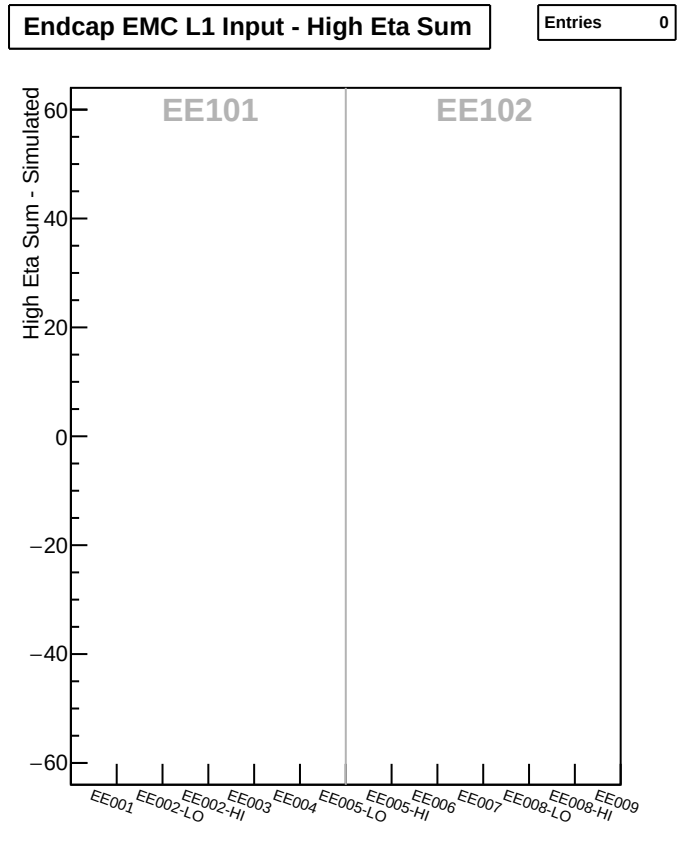

Barrel EMC L1 Input - HT.TP Bit
Entries 4.001198e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

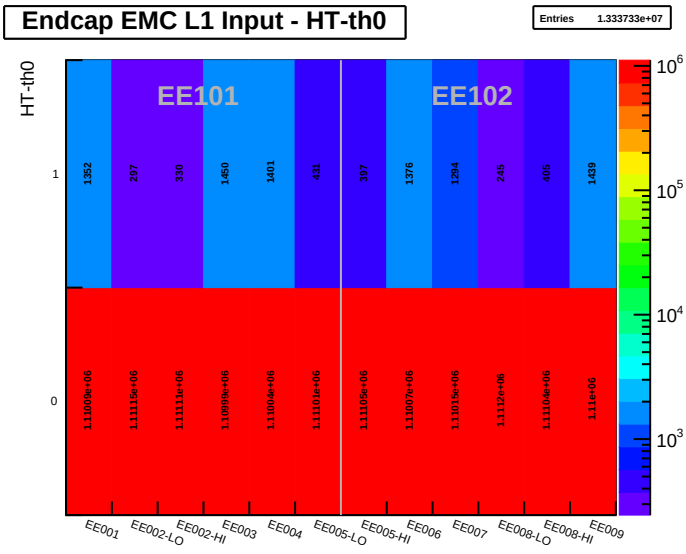

Barrel EMC L1 Input - High Tower Bits
Entries 3.768648e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

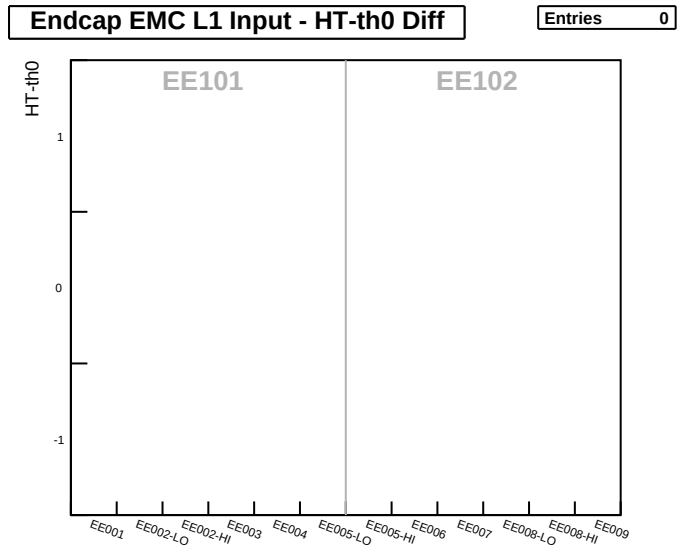

Endcap EMC L1 Input - Low Eta Sum
Entries 1.333733e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

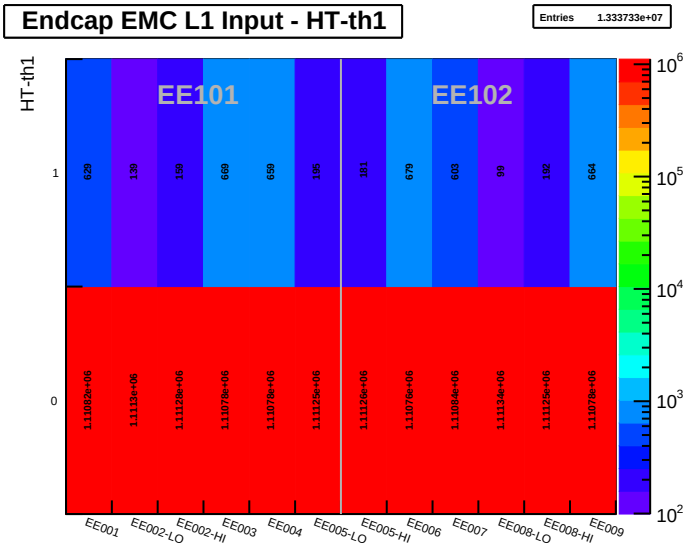

Endcap EMC L1 Input - Low Eta Sum
Entries 26
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

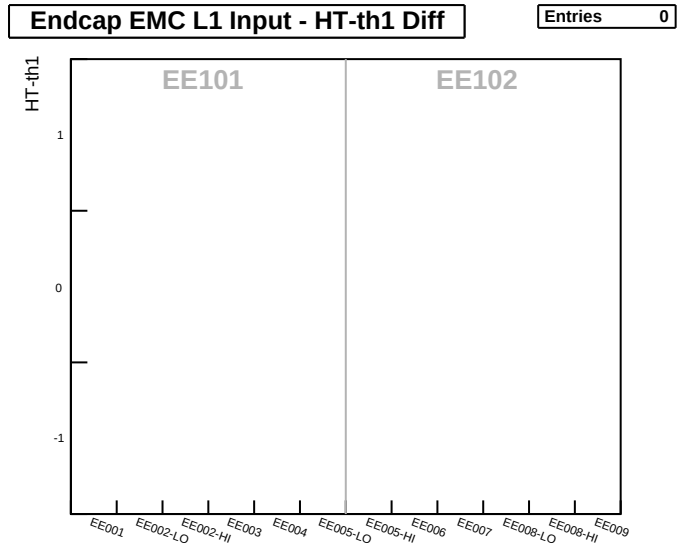

Endcap EMC L1 Input - High Eta Sum
Entries 1.333733e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

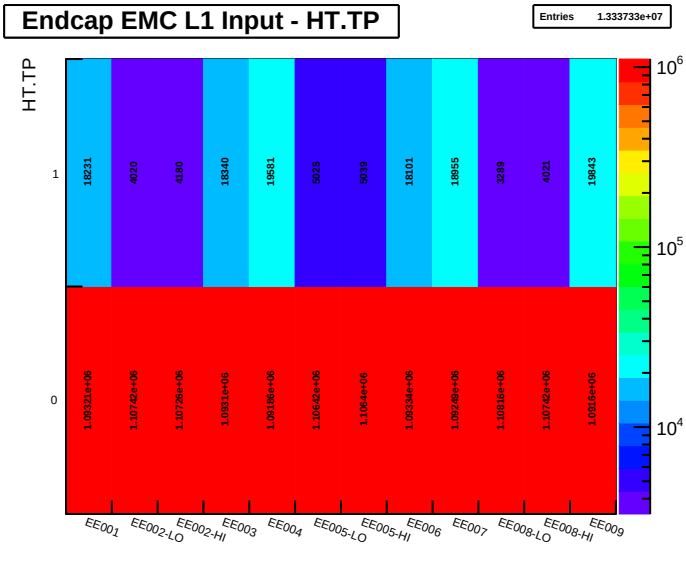

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

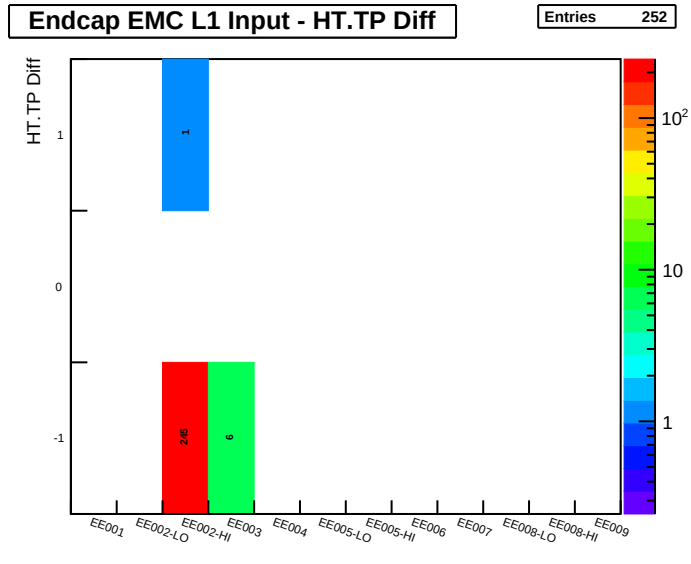

Endcap EMC L1 Input - HT-th0
Entries 1.333733e+07
HT-th0
EE101
EE102
1352 297 330 1450 1401 431 397 1376 1294 245 405 1439
1.11009e+06 1.11115e+06 1.11111e+06 1.10999e+06 1.11004e+06 1.11101e+06 1.11105e+06 1.11007e+06 1.11015e+06 1.11112e+06 1.11104e+06 1.11e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

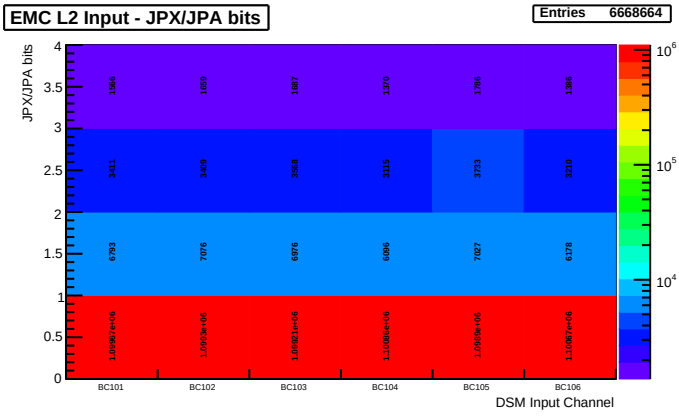

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

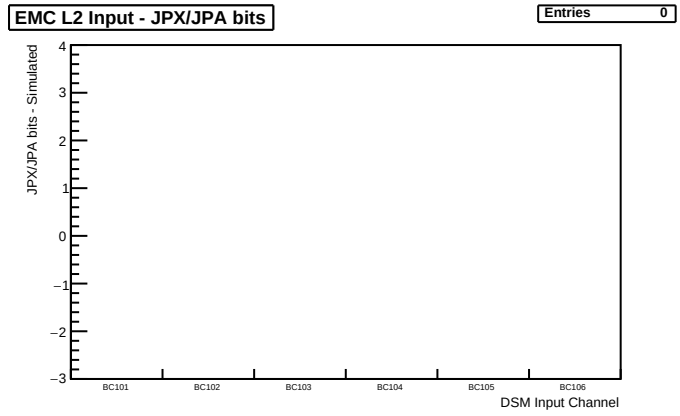

Endcap EMC L1 Input - HT-th1
Entries 1.333733e+07
HT-th1
EE101
EE102
629 139 159 669 659 195 181 679 603 99 192 664
1.11092e+06 1.11113e+06 1.11128e+06 1.11078e+06 1.11078e+06 1.11125e+06 1.11126e+06 1.11076e+06 1.11094e+06 1.11134e+06 1.11125e+06 1.11078e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

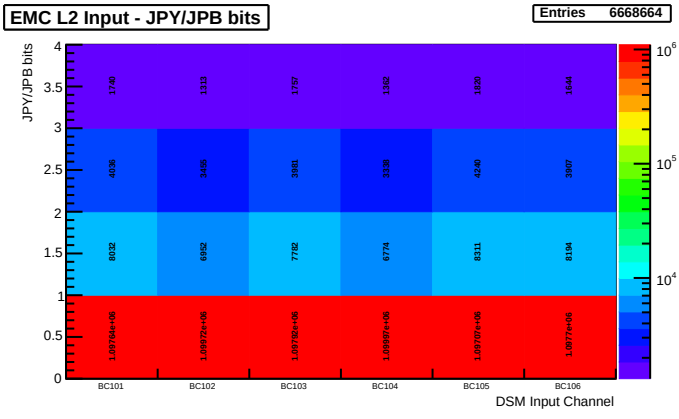

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

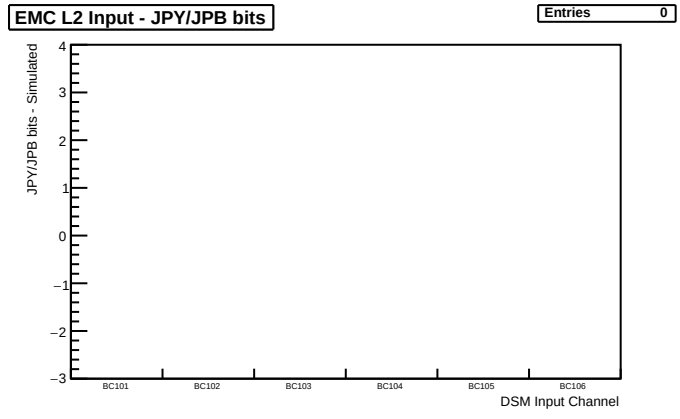

Endcap EMC L1 Input - HT.TP
Entries 1.333733e+07
HT.TP
18231 4020 4180 18340 19581 5025 5039 18101 18955 3289 4021 19843
1.09321e+06 1.10742e+06 1.10726e+06 1.0931e+06 1.09186e+06 1.10642e+06 1.1064e+06 1.09334e+06 1.09249e+06 1.10816e+06 1.10742e+06 1.0916e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

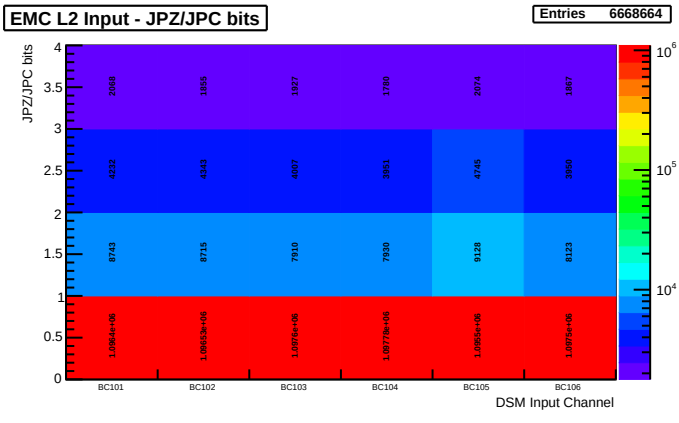

Endcap EMC L1 Input - HT.TP Diff
Entries 252
HT.TP Diff
1
245
6
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

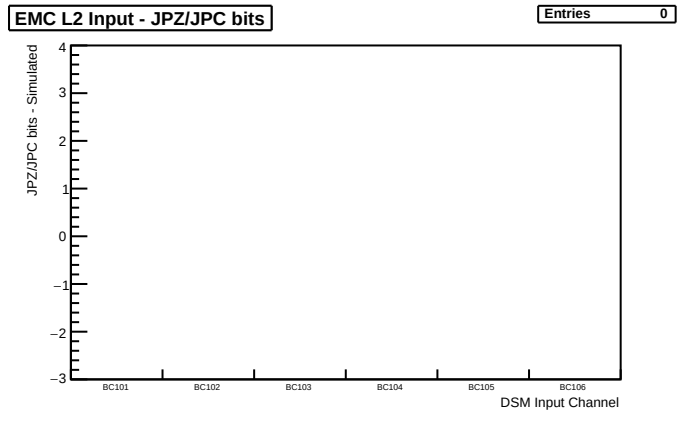

EMC L2 Input - JPX/JPA bits
Entries 6668664
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
1566
1659
1687
1370
1726
1386
3411
3449
3568
3115
3723
3210
6793
7076
6976
6096
7027
6178
1.09987e+06
1.09939e+06
1.09921e+06
1.10086e+06
1.09989e+06
1.10067e+06

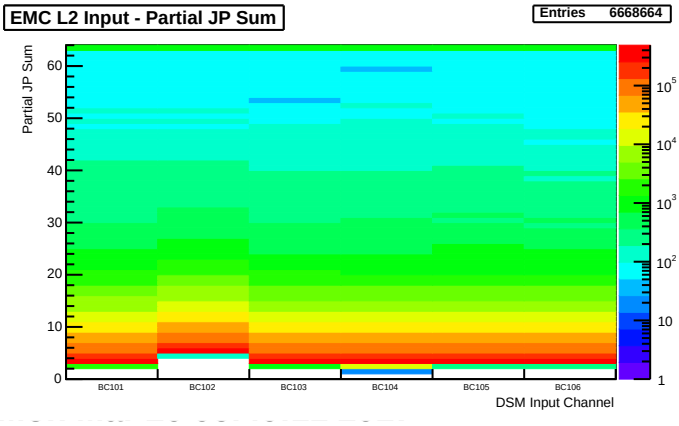

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

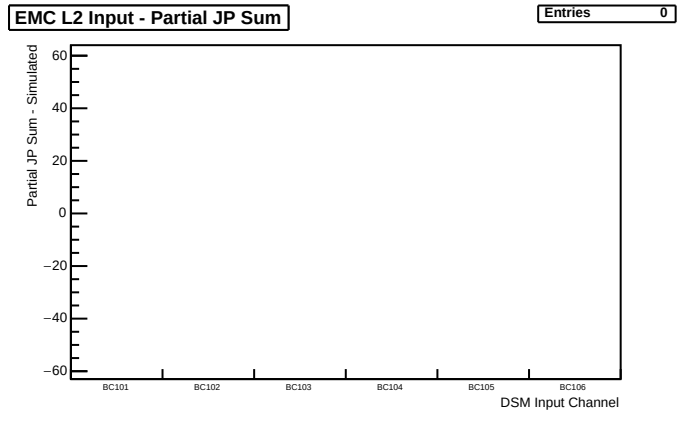

EMC L2 Input - JPY/JPB bits
Entries 6668664
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
1740
1331
1757
1382
1820
1644
4036
3455
3881
3338
4240
3907
8032
6952
7782
6774
8311
8194
1.09764e+06
1.09972e+06
1.09782e+06
1.09997e+06
1.09707e+06
1.09772e+06

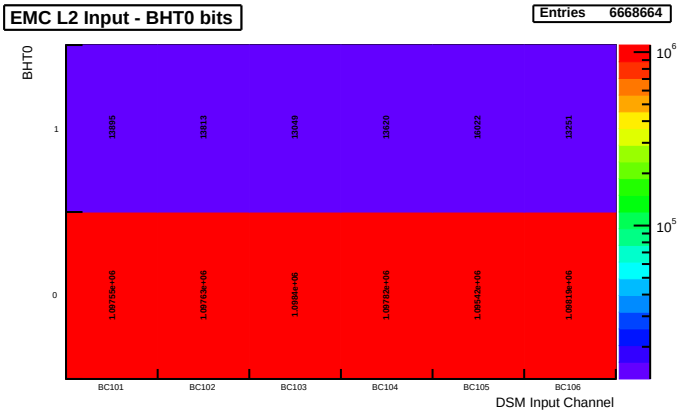

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

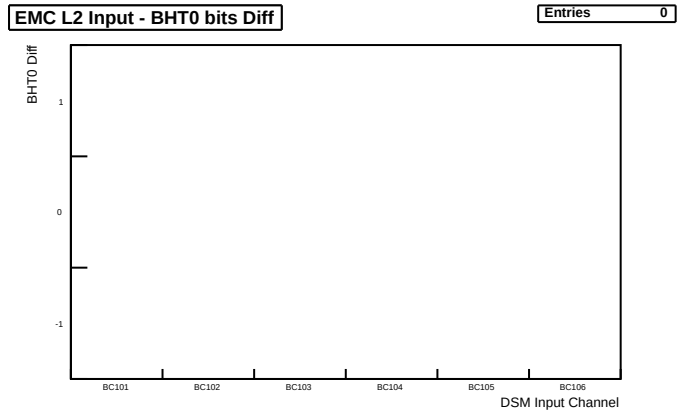

EMC L2 Input - JPZ/JPC bits
Entries 6668664
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
2068
1855
1927
1780
2074
1867
4232
4343
4007
3951
4745
3950
8743
8715
7910
7930
9128
8123
1.09614e+06
1.09653e+06
1.09756e+06
1.09778e+06
1.09554e+06
1.09755e+06

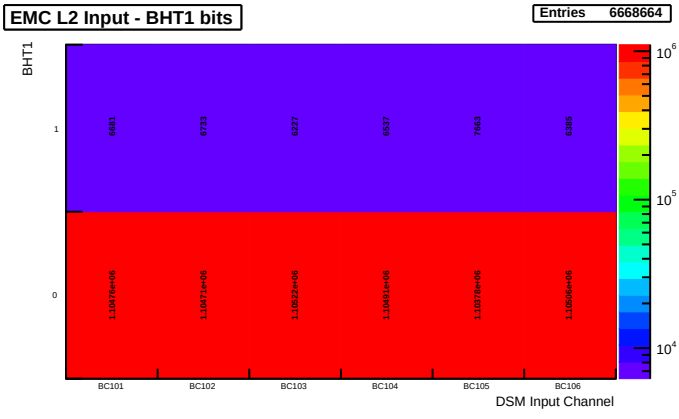

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

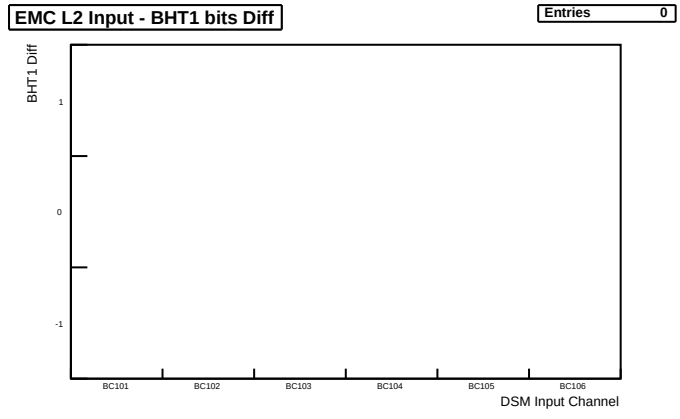

EMC L2 Input - Partial JP Sum
Entries 6668664
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

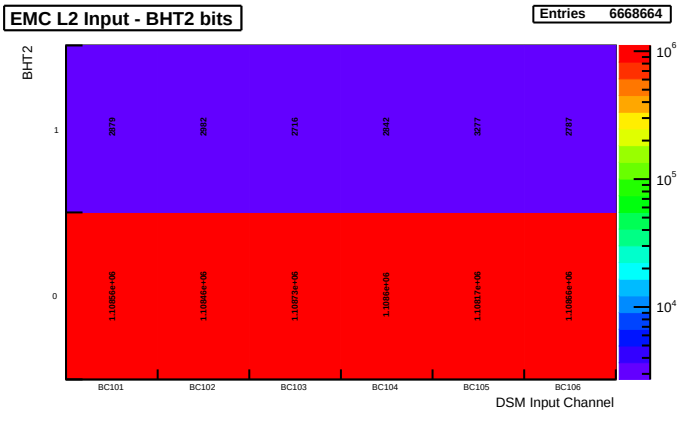

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

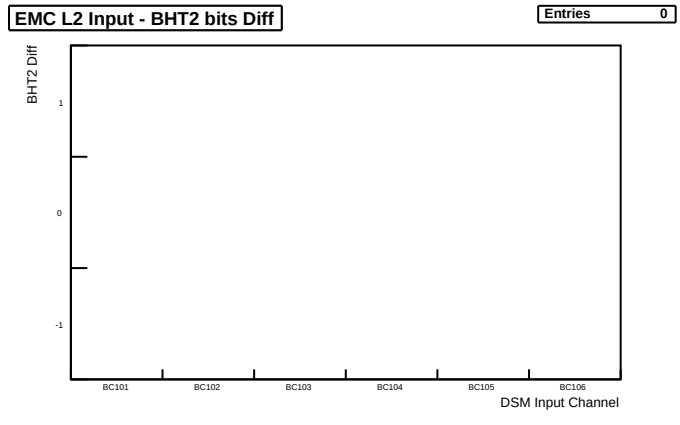

EMC L2 Input - BHT0 bits
Entries 6668664
BHT0
1
0
13395
13313
13049
13620
16022
13251
1.09753e+06
1.09763e+06
1.09984e+06
1.09782e+06
1.09542e+06
1.09819e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

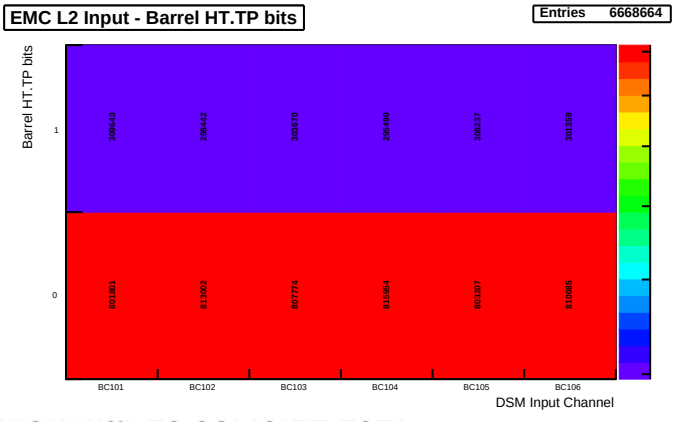

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

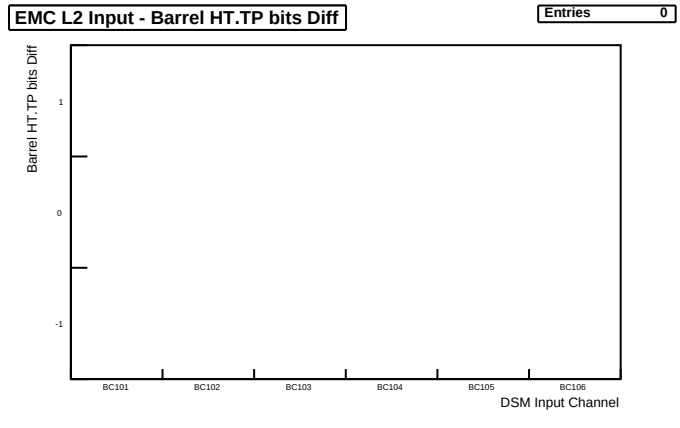

EMC L2 Input - BHT1 bits
Entries 6668664
BHT1
1
0
6681
6713
6227
6537
7663
6385
1.10476e+06
1.10471e+06
1.10522e+06
1.10491e+06
1.10378e+06
1.10506e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

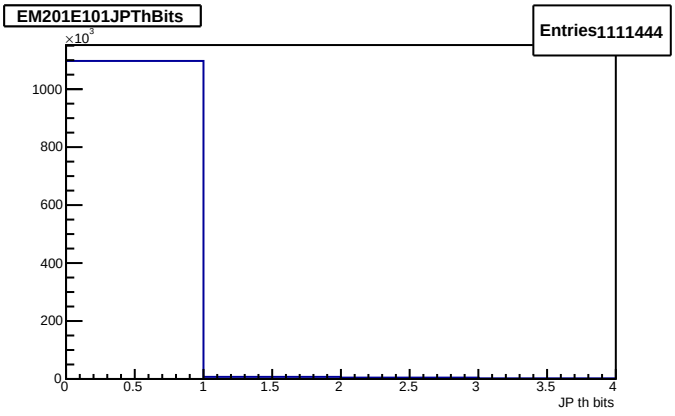

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

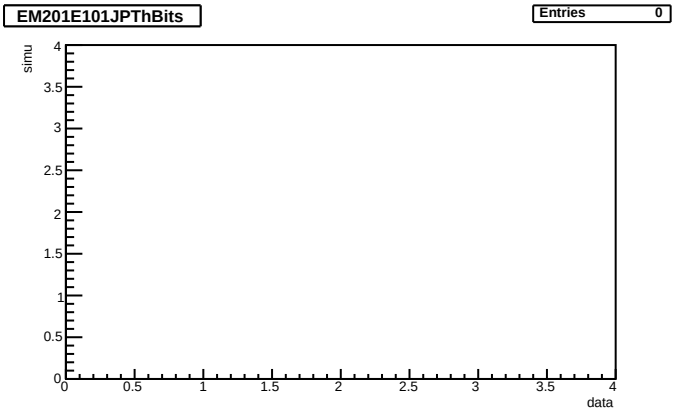

EMC L2 Input - BHT2 bits
Entries 6668664
BHT2
1
0
2679
2982
2716
2842
3277
2787
1.10856e+06
1.10856e+06
1.10873e+06
1.10856e+06
1.10817e+06
1.10856e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

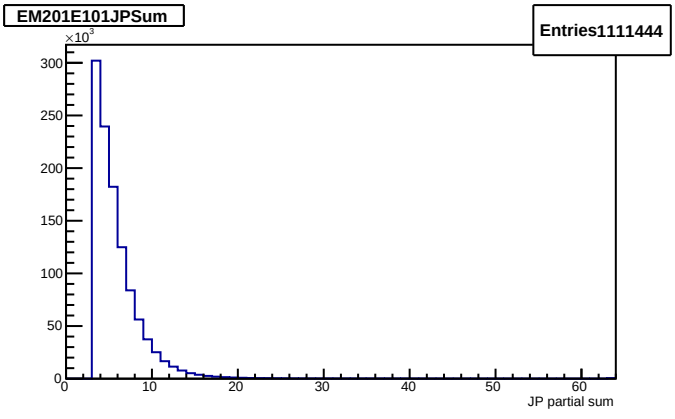

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

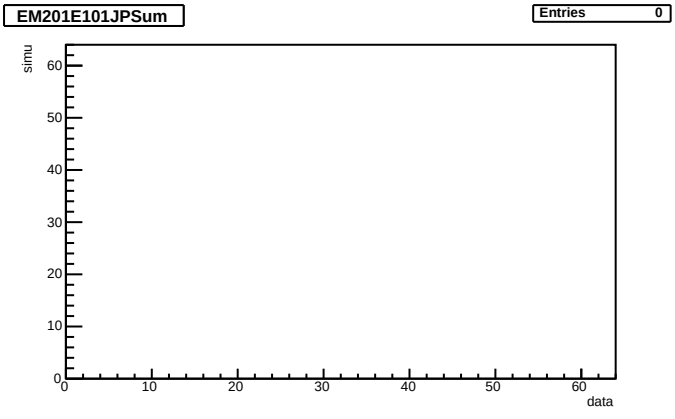

EMC L2 Input - Barrel HT.TP bits
Entries 6668664
Barrel HT.TP bits
1
0
309643
299442
309870
295490
309237
301359
801801
813002
807774
815954
803207
810085
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

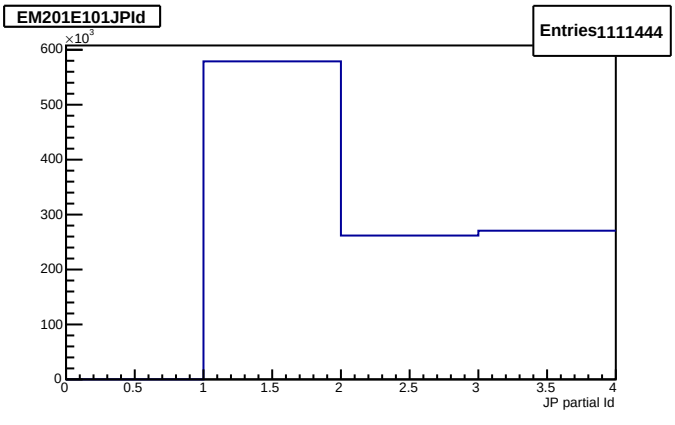

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

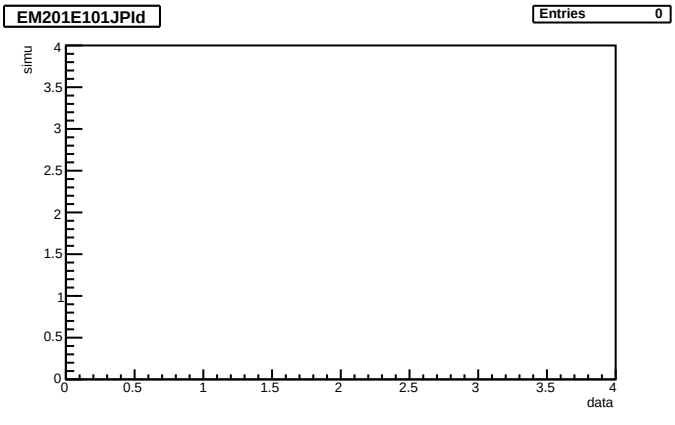

EM201E101JPThBits
Entries1111444
×10^3
JP th bits

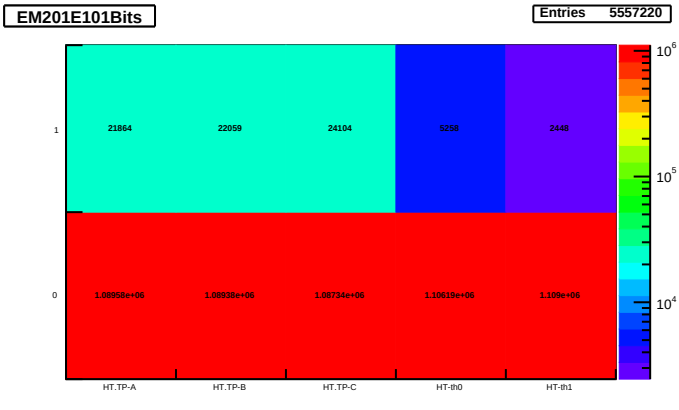

EM201E101JPThBits
Entries 0
simu
data

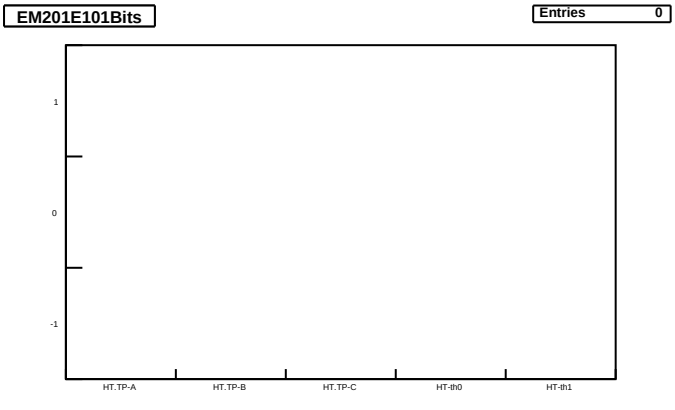

EM201E101JPSum
Entries1111444
×10^3
JP partial sum

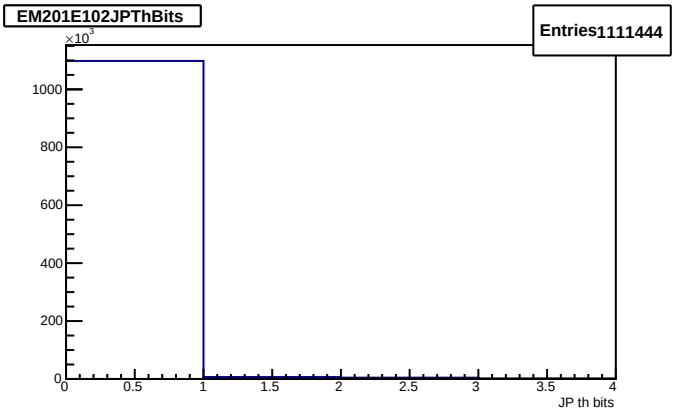

EM201E101JPSum
Entries 0
simu
data

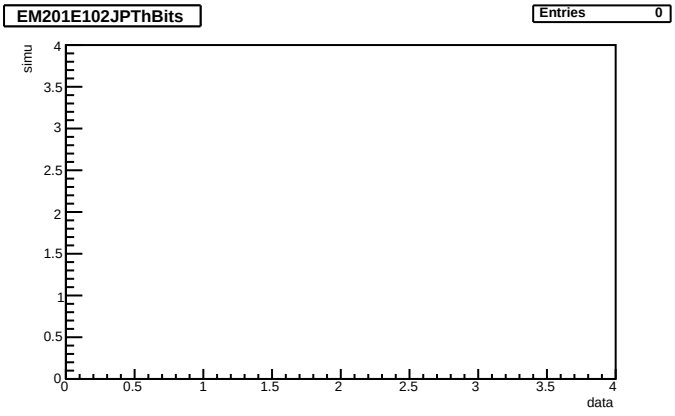

EM201E101JPId
Entries1111444
×10^3
JP partial Id

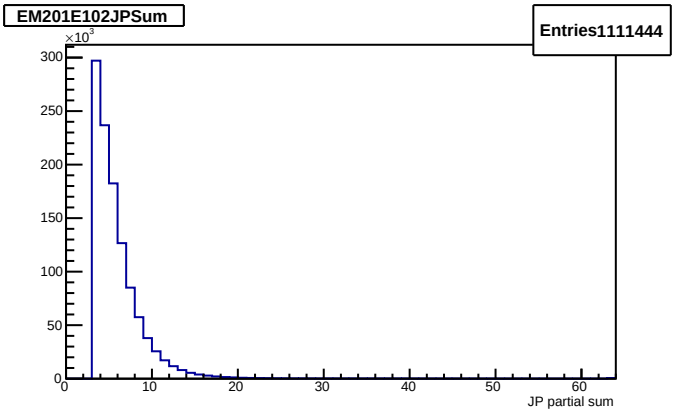

EM201E101JPId
Entries 0
simu
data

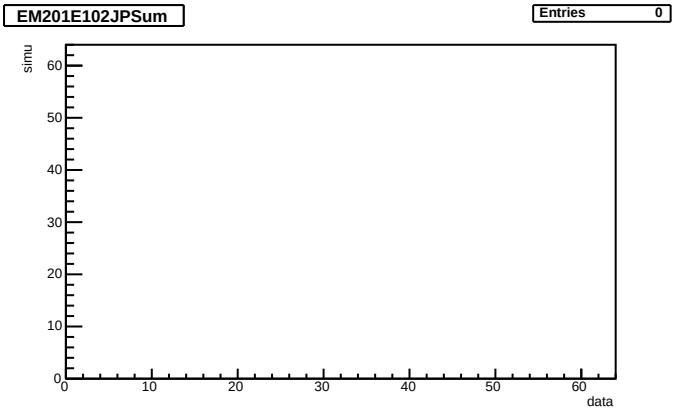

EM201E101Bits
Entries 5557220
21864
22059
24104
5258
2448
1.08958e+06
1.08938e+06
1.08734e+06
1.10619e+06
1.109e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

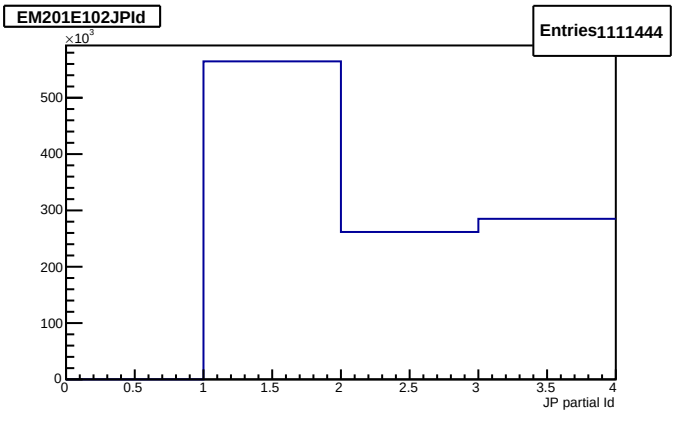

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

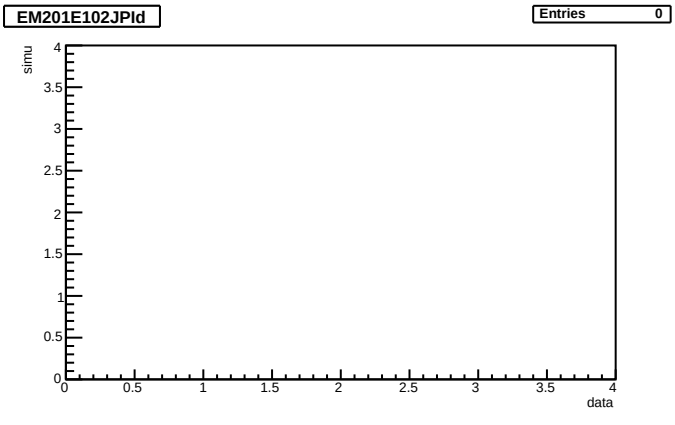

EM201E102JPThBits
Entries1111444
×10^3
JP th bits

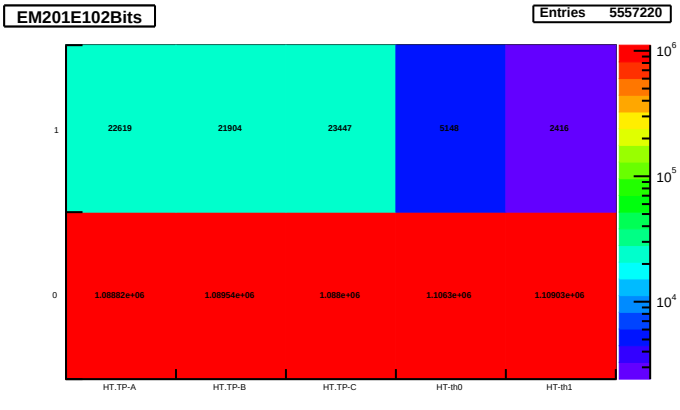

EM201E102JPThBits
Entries 0
simu
data

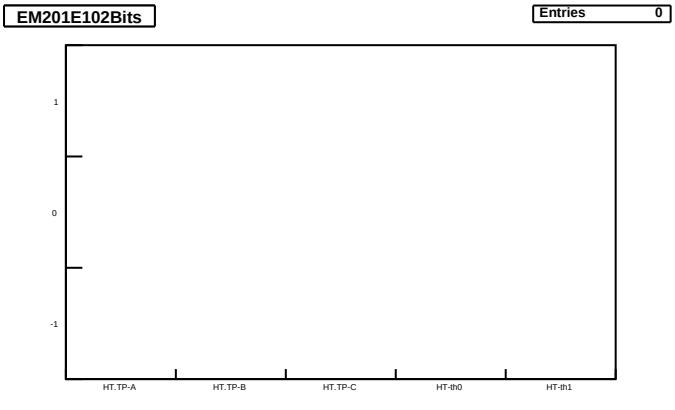

EM201E102JPSum
Entries1111444
×10^3
JP partial sum

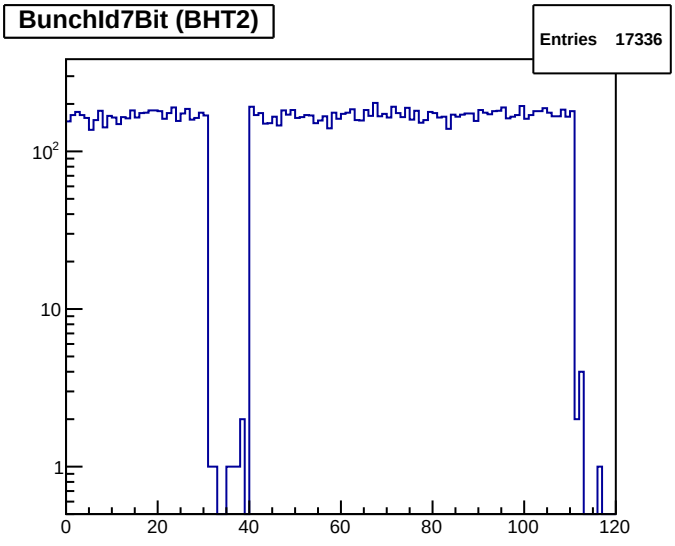

EM201E102JPSum
Entries 0
simu
data

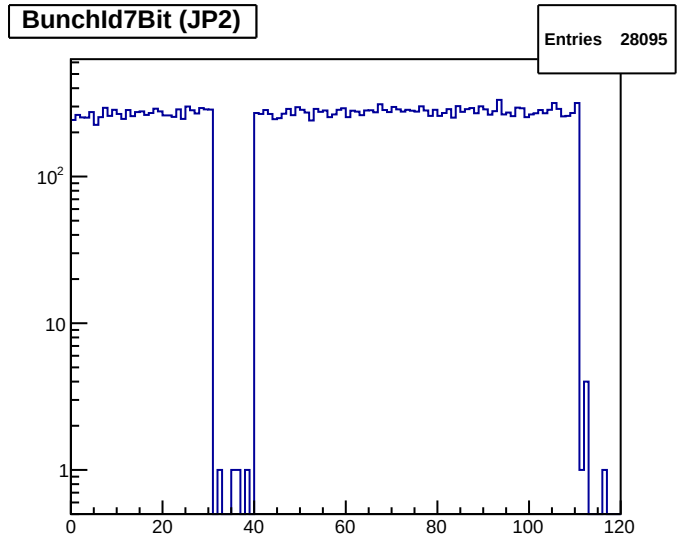

EM201E102JPId
Entries1111444
×10^3
JP partial Id

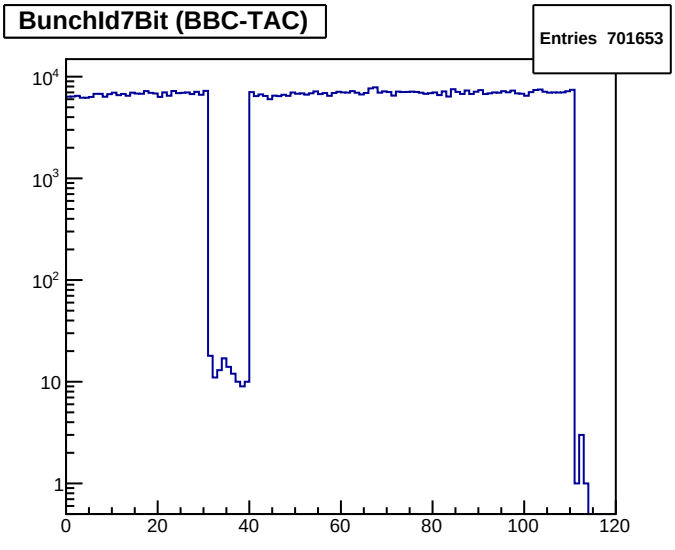

EM201E102JPId
Entries 0
simu
data

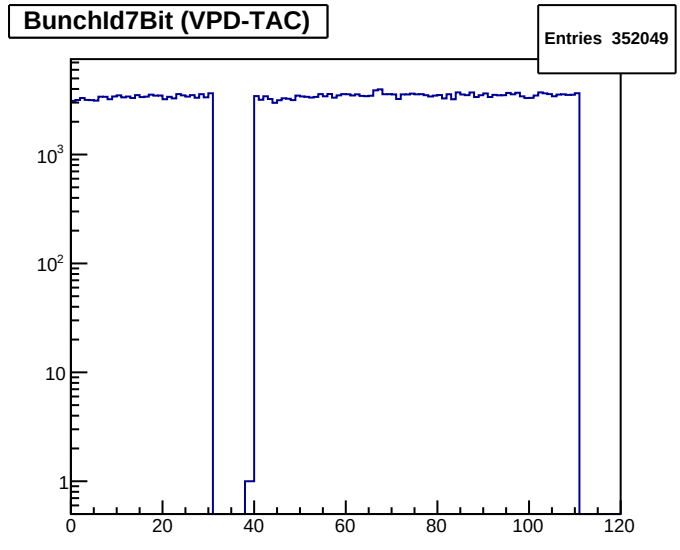

EM201E102Bits
Entries 5557220
22619
21904
23447
5148
2416
1.08882e+06
1.08954e+06
1.088e+06
1.1063e+06
1.10903e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

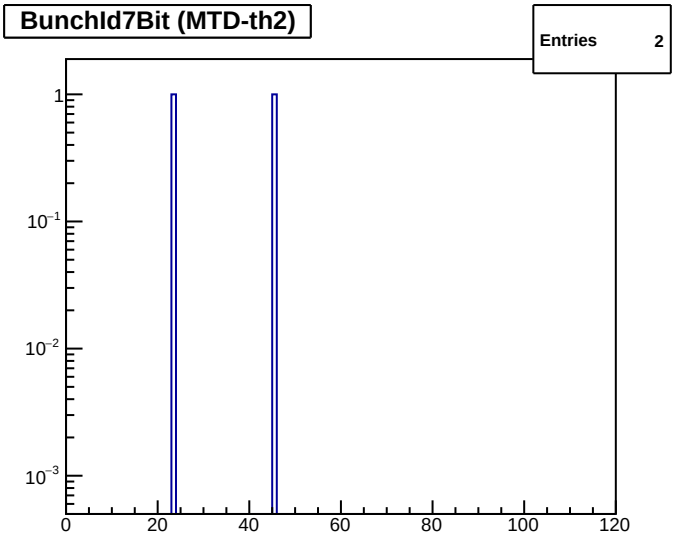

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

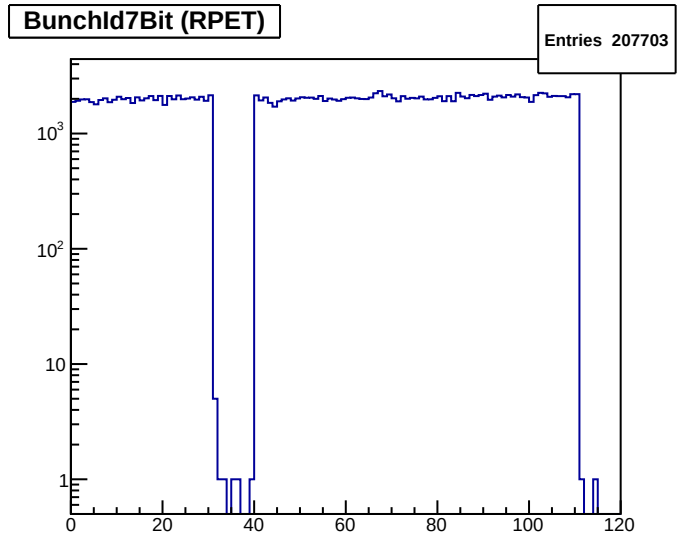

BunchId7Bit (BHT2)
Entries 17336

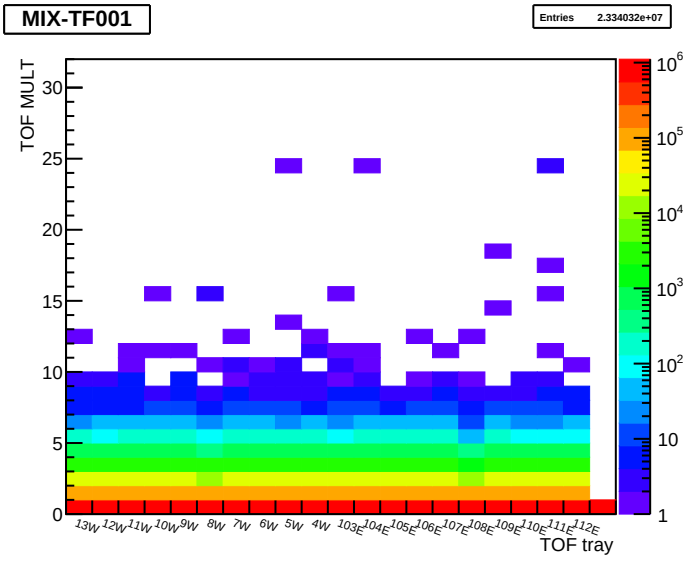

BunchId7Bit (JP2)
Entries 28095

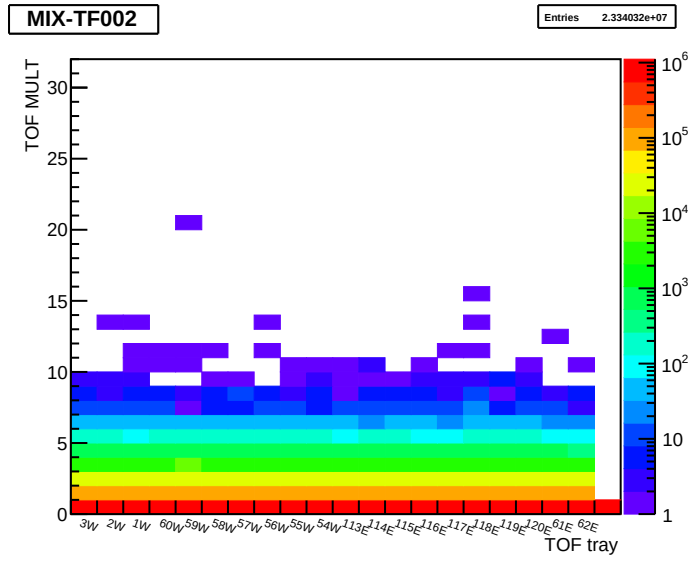

BunchId7Bit (BBC-TAC)
Entries 701653

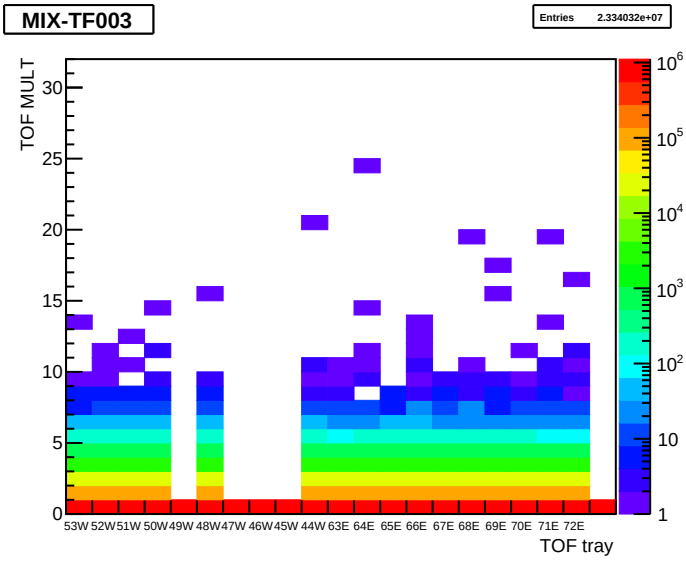

BunchId7Bit (VPD-TAC)
Entries 352049

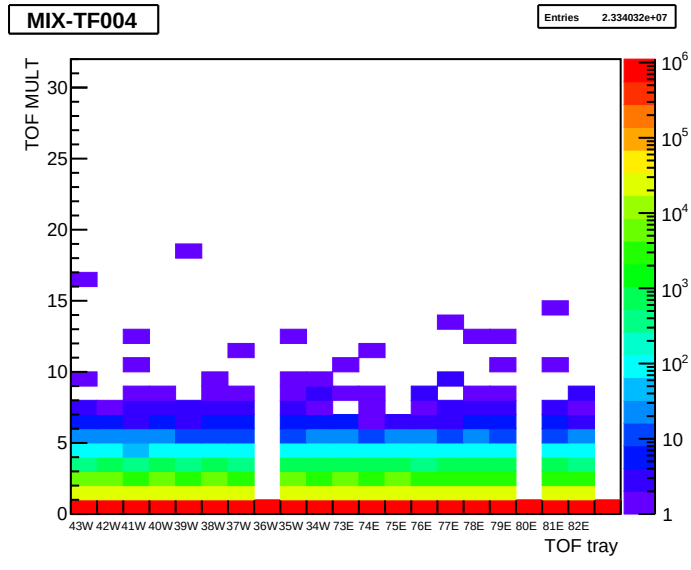

BunchId7Bit (MTD-th2)
Entries 2

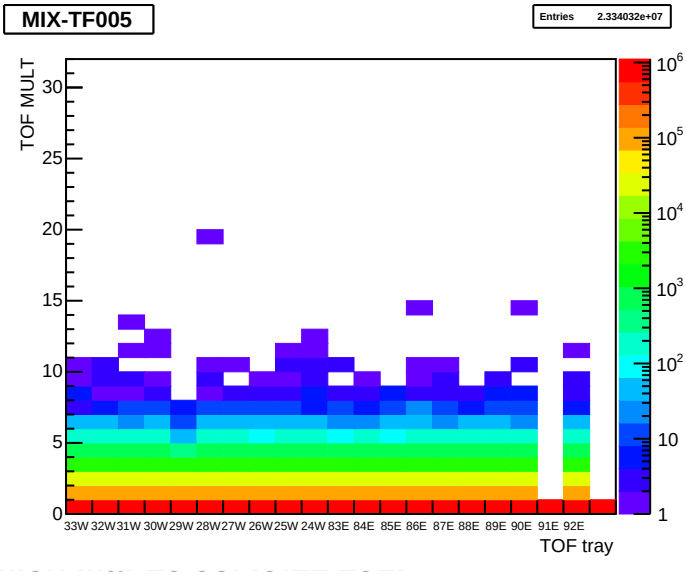

BunchId7Bit (RPET)
Entries 207703

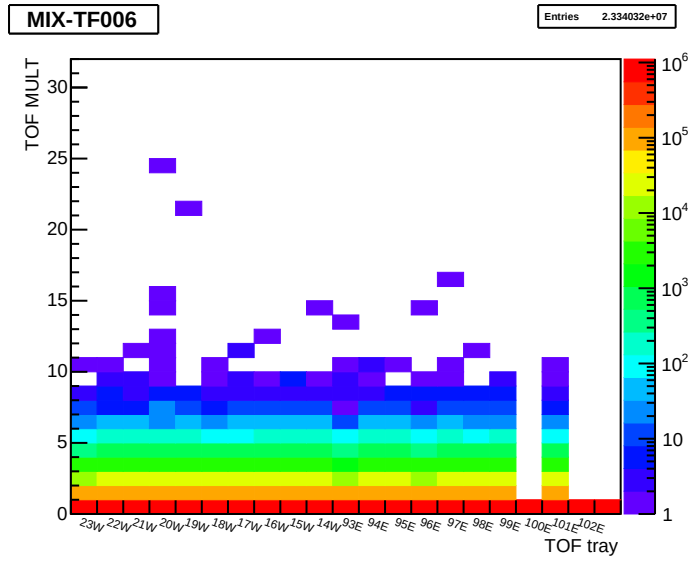

MIX-TF001
Entries 2.334032e+07
TOF MULT
TOF tray

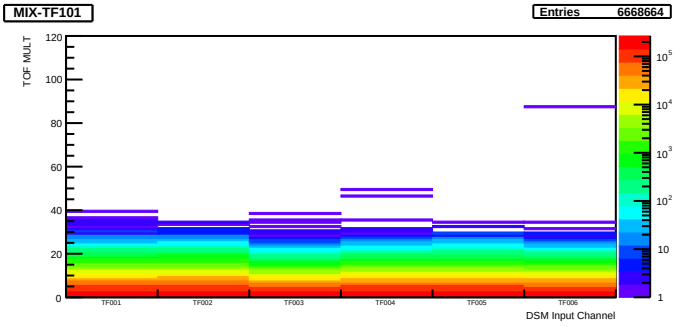

MIX-TF002
Entries 2.334032e+07
TOF MULT
TOF tray

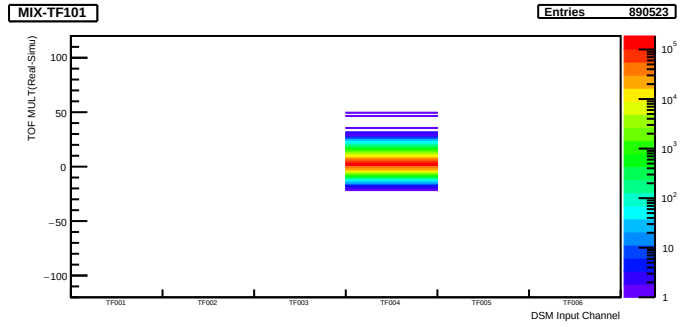

MIX-TF003
Entries 2.334032e+07
TOF MULT
TOF tray

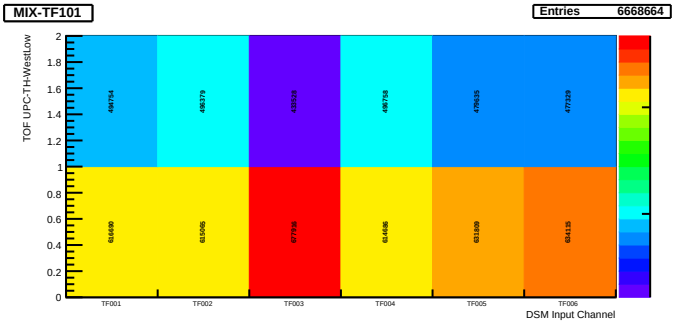

MIX-TF004
Entries 2.334032e+07
TOF MULT
TOF tray

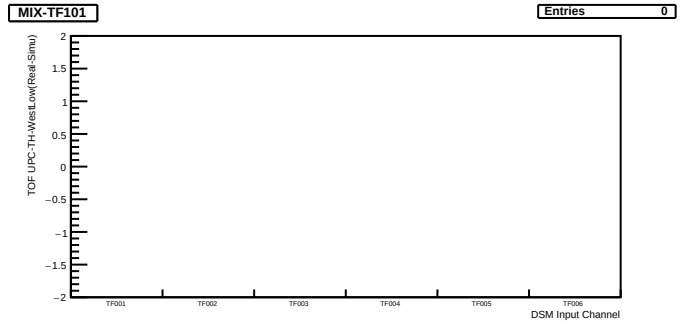

MIX-TF005
Entries 2.334032e+07
TOF MULT
TOF tray

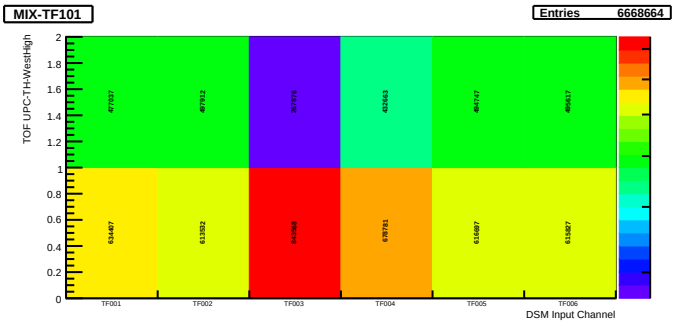

MIX-TF006
Entries 2.334032e+07
TOF MULT
TOF tray

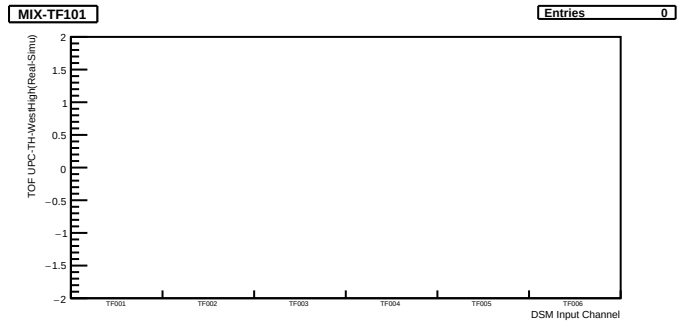

MIX-TF101
Entries 6668664
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

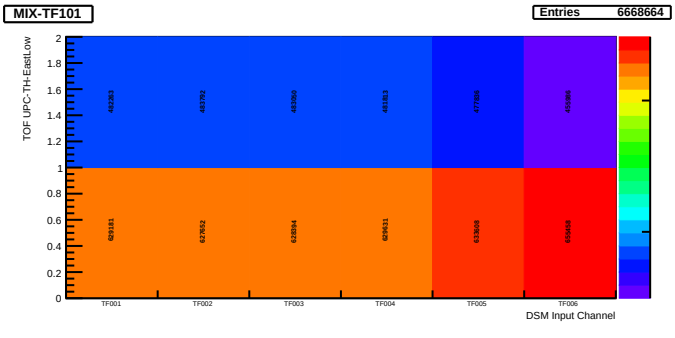

MIX-TF101
Entries 890523
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

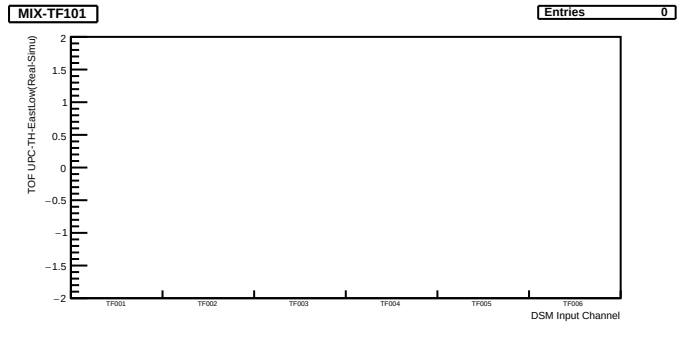

MIX-TF101
Entries 6668664
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

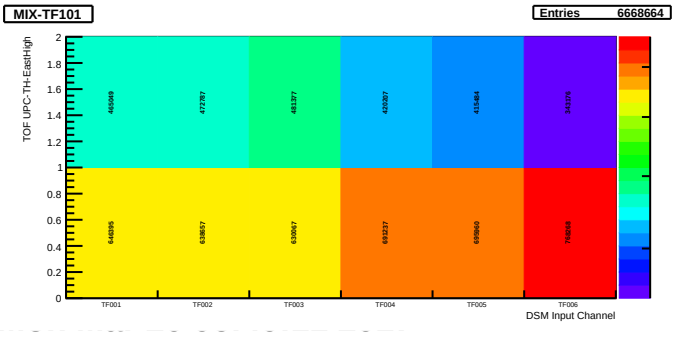

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

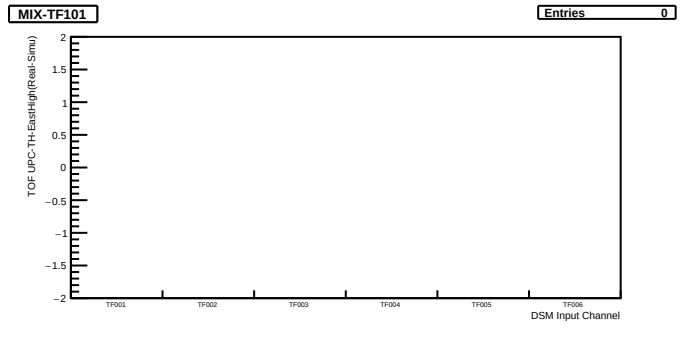

MIX-TF101
Entries 6668664
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

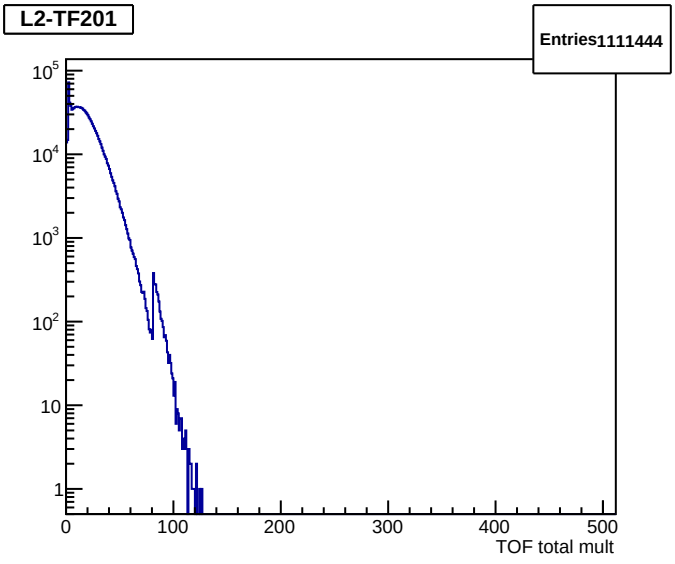

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

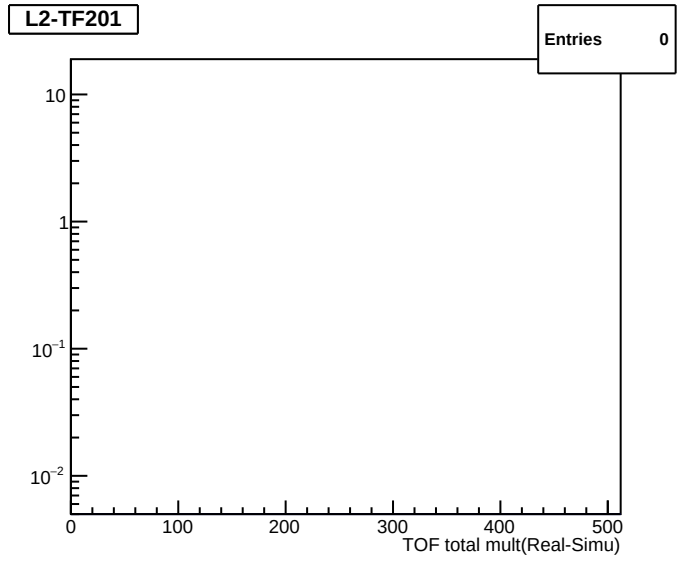

MIX-TF101
Entries 6668664
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

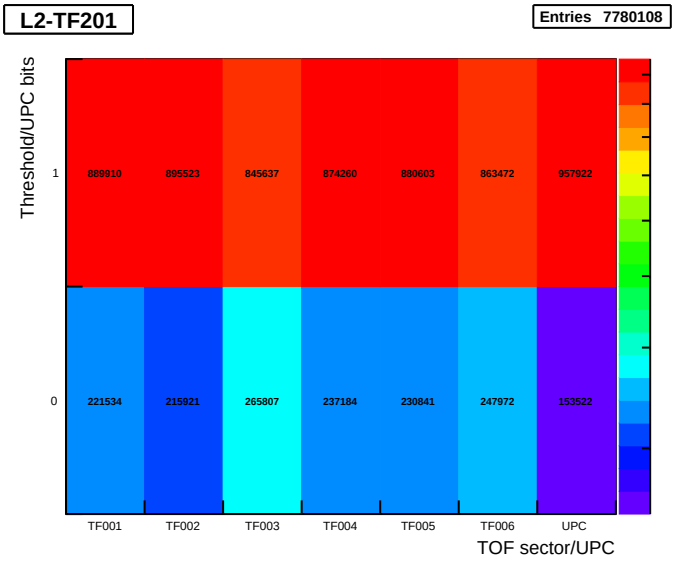

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

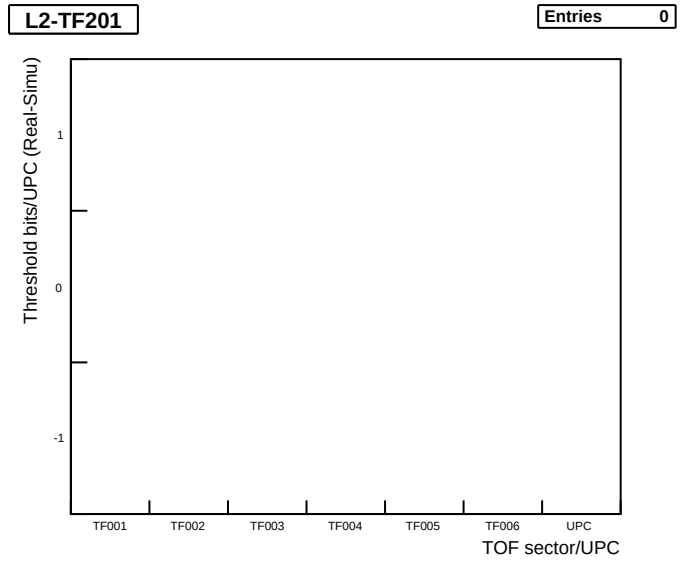

MIX-TF101
Entries 6668664
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

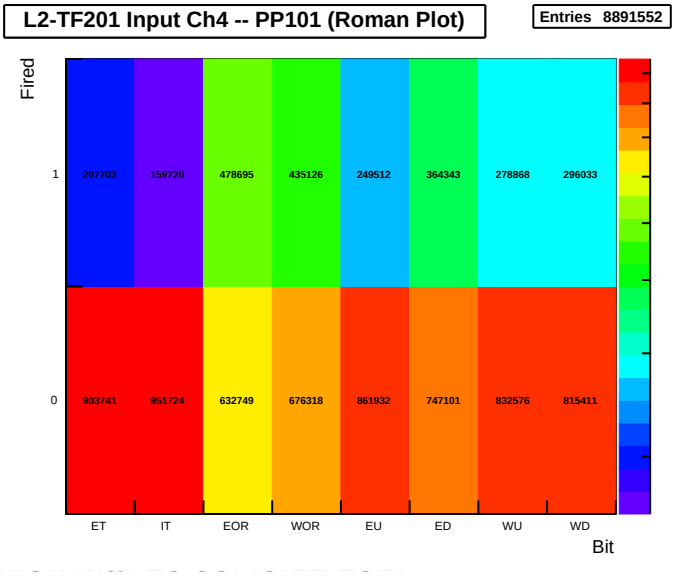

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

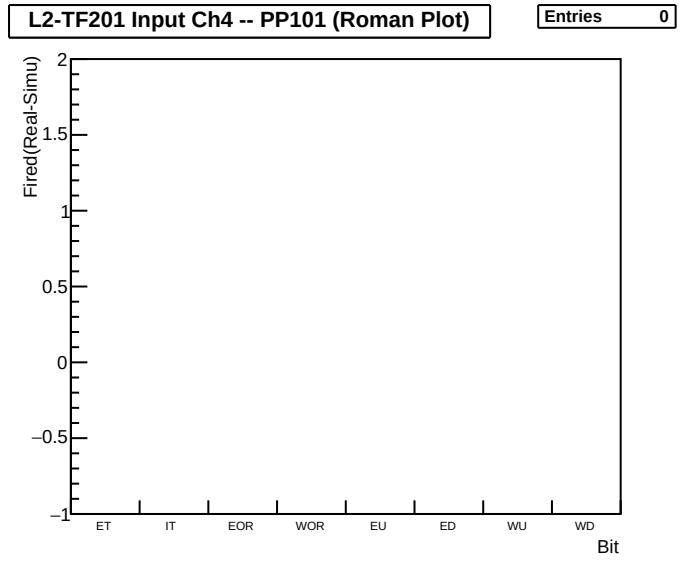

L2-TF201
Entries 1111444
TOF total mult

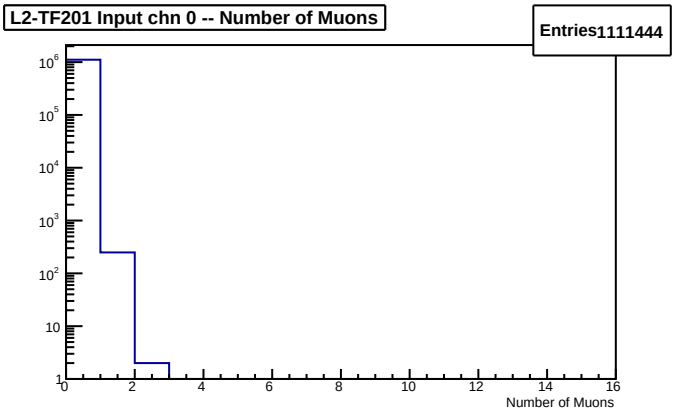

L2-TF201
Entries 0
TOF total mult(Real-Simu)

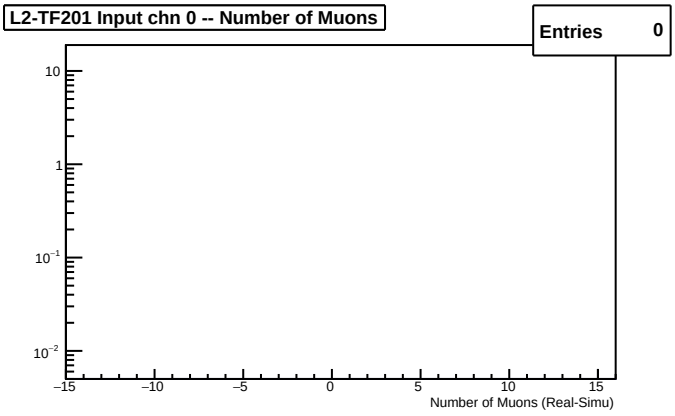

L2-TF201
Entries 7780108
Threshold/UPC bits
889910 895523 845637 874260 880603 863472 957922
221534 215921 265807 237184 230841 247972 153522
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

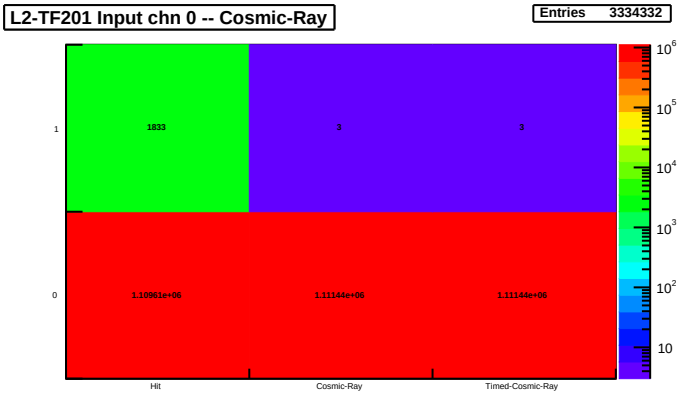

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

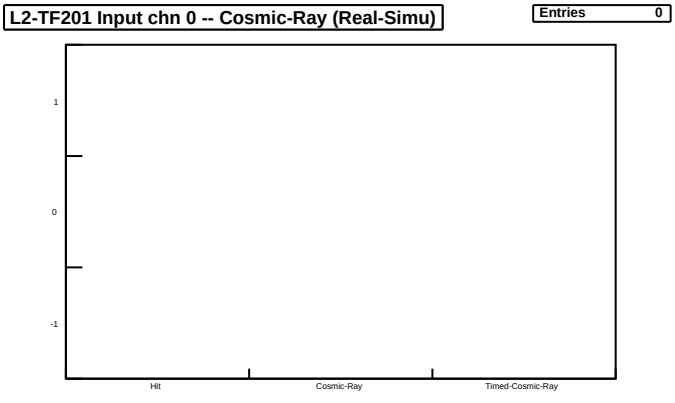

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 8891552
Fired
207703 159720 478695 435126 249512 364343 278868 296033
903741 951724 632749 676318 861932 747101 832576 815411
ET IT EOR WOR EU ED WU WD
Bit

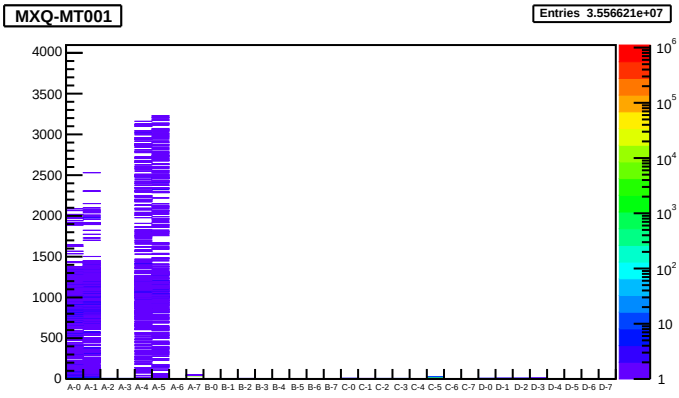

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

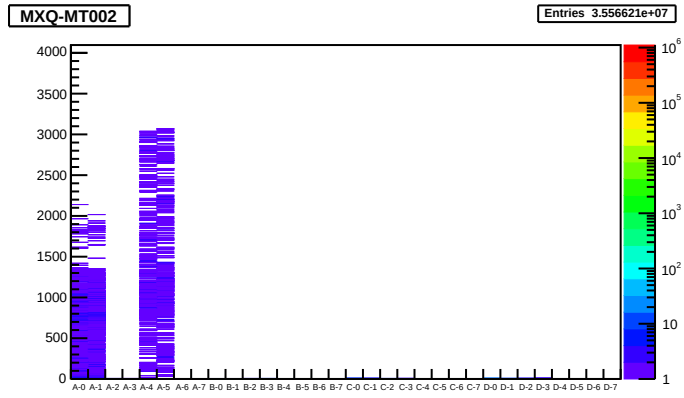

L2-TF201 Input chn 0 -- Number of Muons
Entries 1111444
Number of Muons

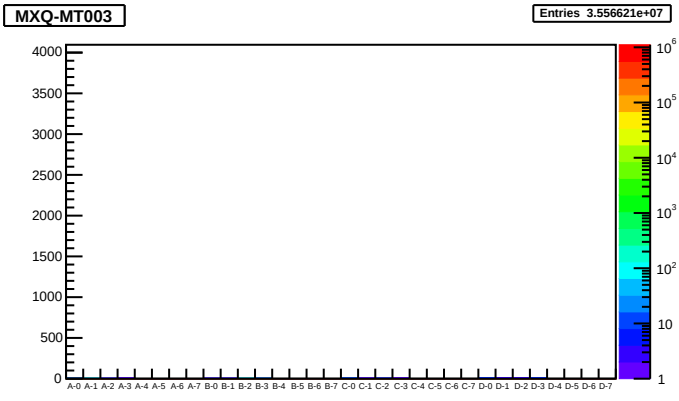

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

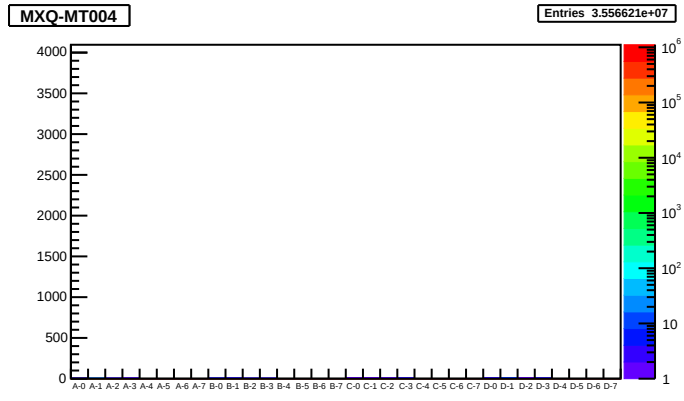

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 3334332
1833
3
3
1.10961e+06
1.11144e+06
1.11144e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

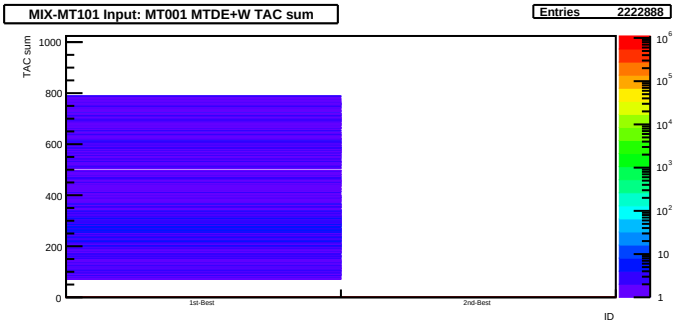

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

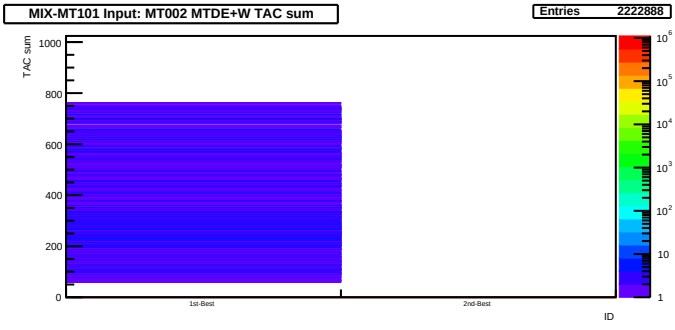

MXQ-MT001
Entries 3.556621e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

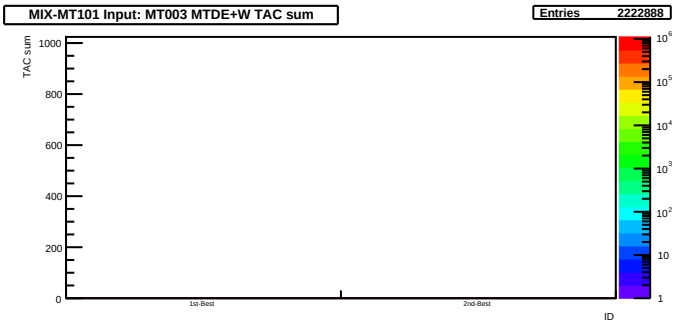

MXQ-MT002
Entries 3.556621e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

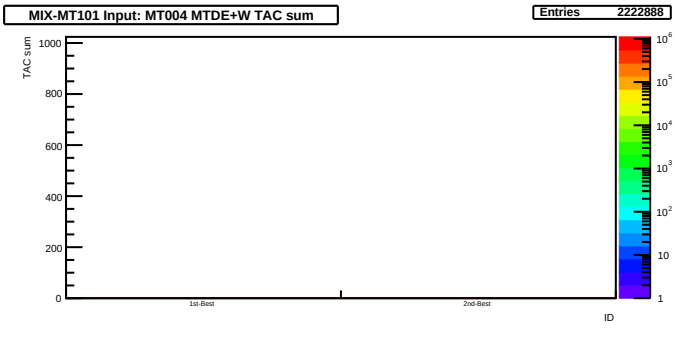

MXQ-MT003
Entries 3.556621e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

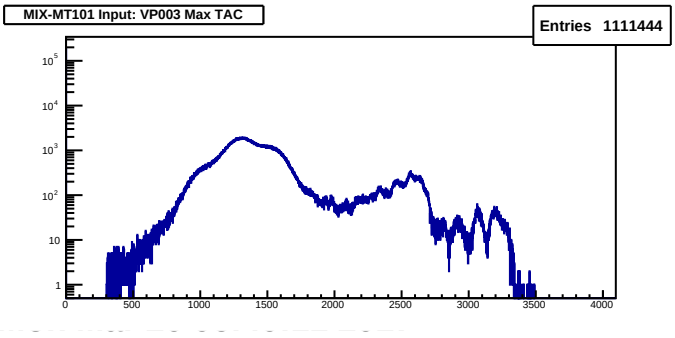

MXQ-MT004
Entries 3.556621e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

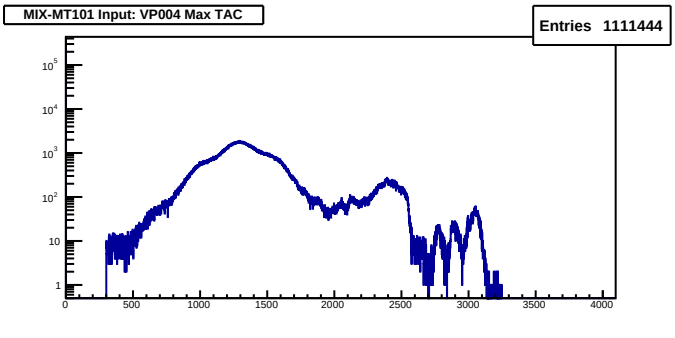

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2222888
TAC sum
1st-Best
2nd-Best
ID

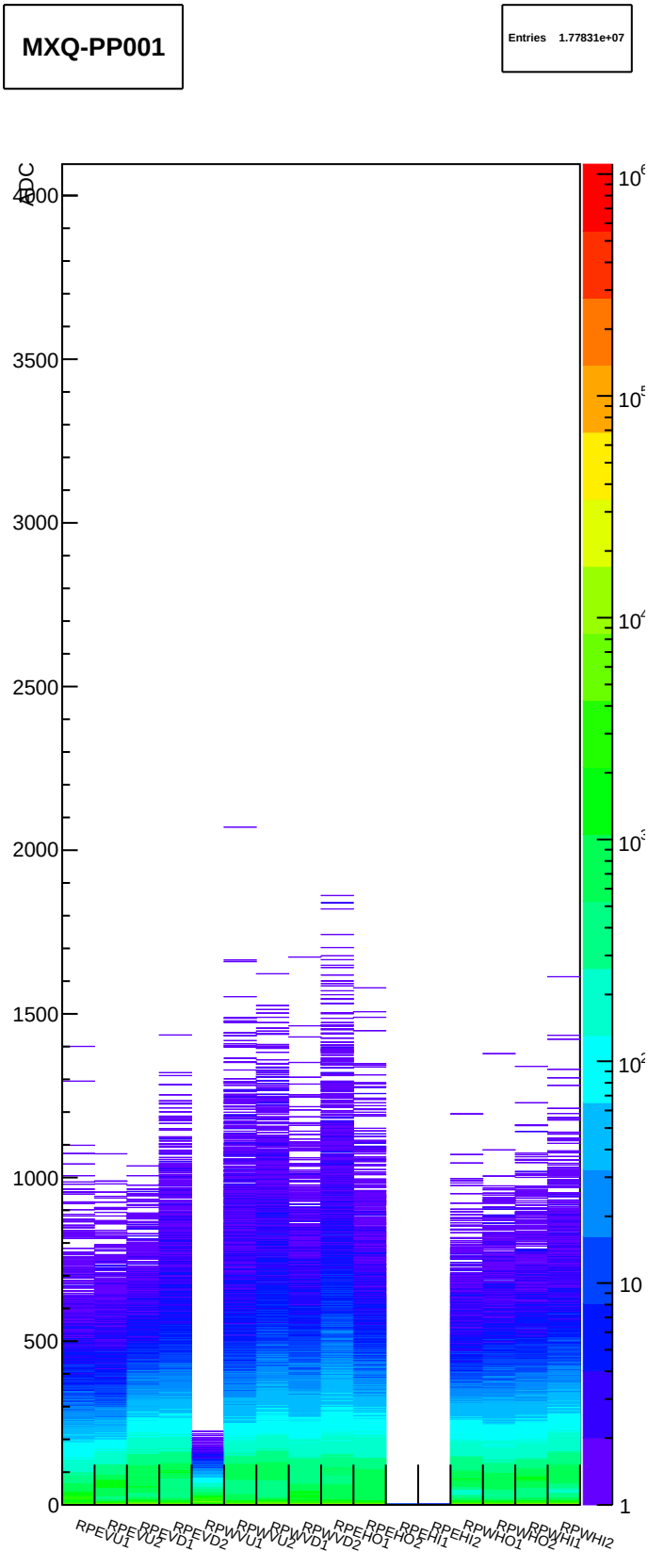

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2222888
TAC sum
1st-Best
2nd-Best
ID

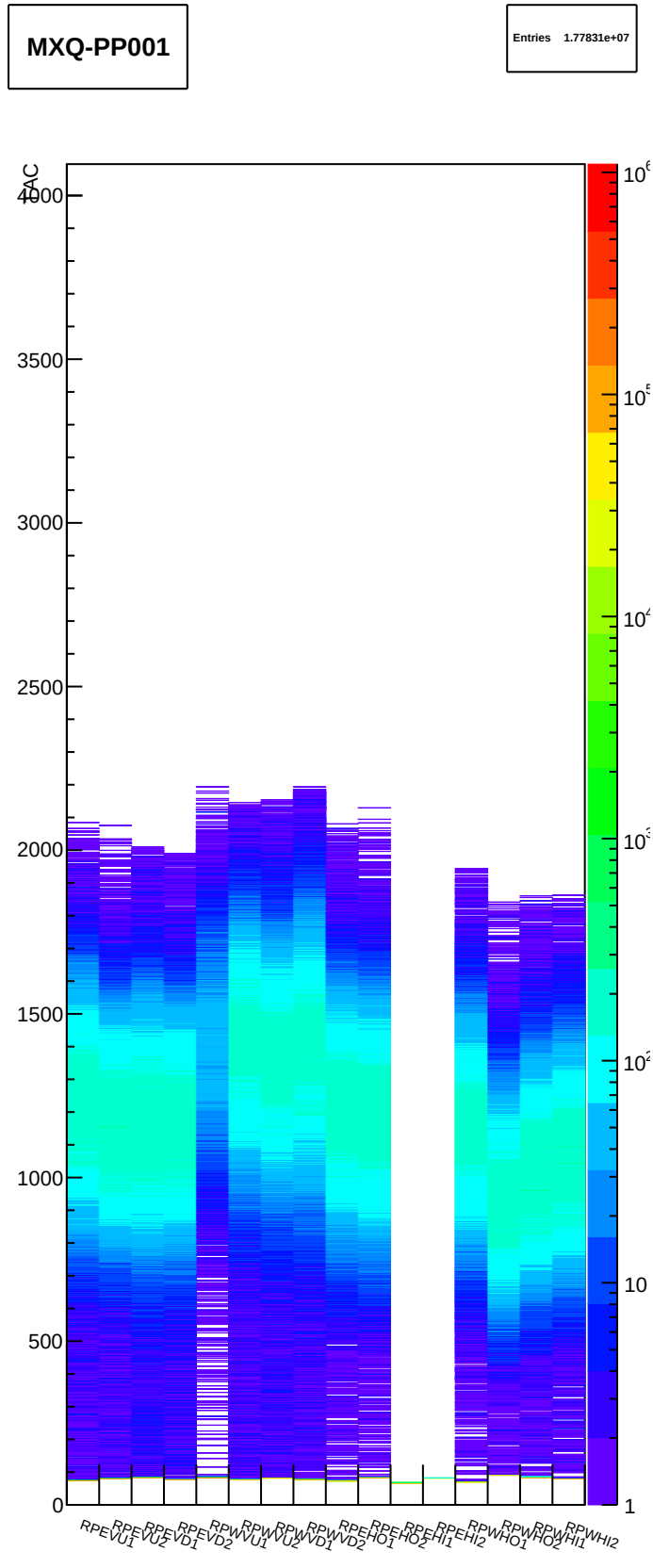

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2222888
TAC sum
1st-Best
2nd-Best
ID

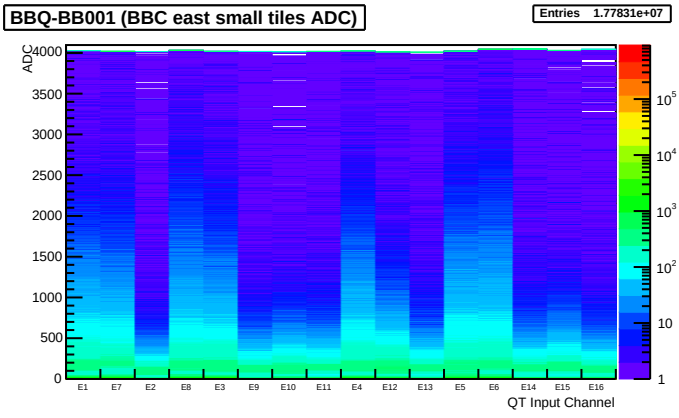

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2222888
TAC sum
1st-Best
2nd-Best
ID

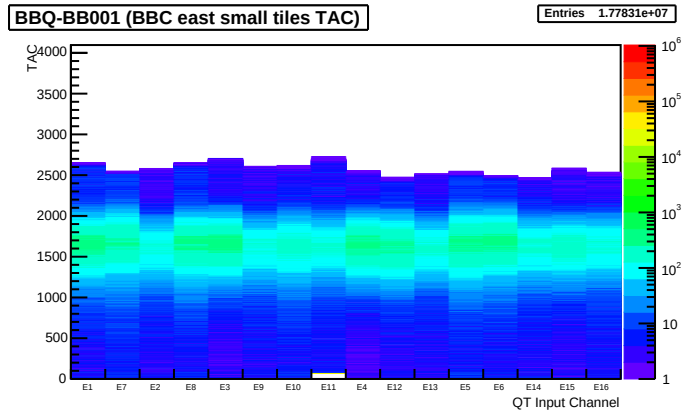

MIX-MT101 Input: VP003 Max TAC
Entries 1111444

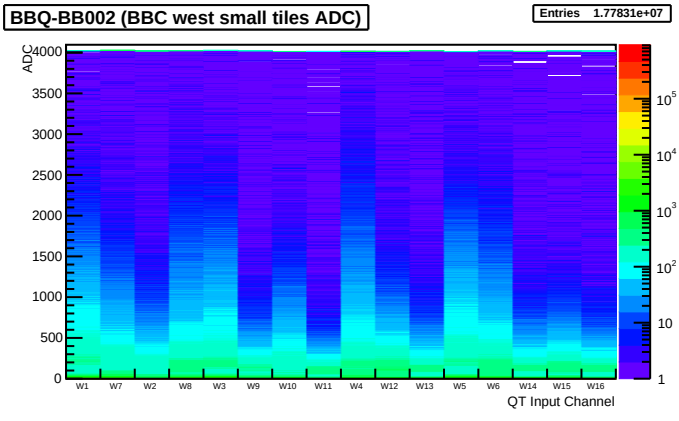

MIX-MT101 Input: VP004 Max TAC
Entries 1111444

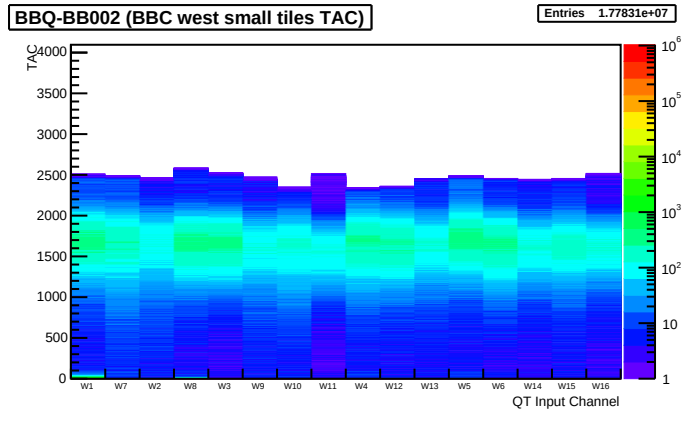

MXQ-PP001
Entries 1.77831e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10
10²
10³
10⁴
10⁵
10⁶

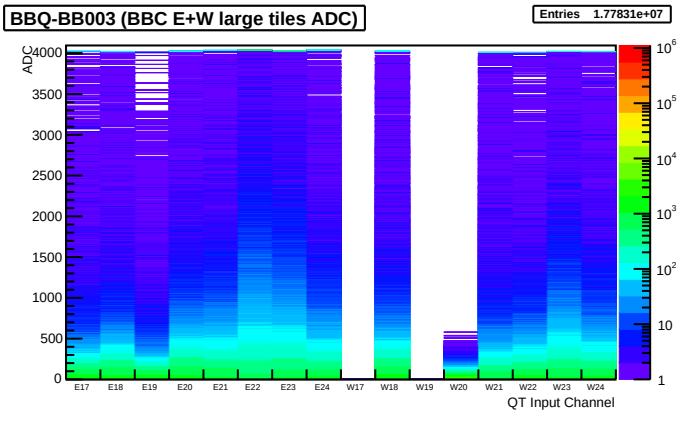

MXQ-PP001
Entries 1.77831e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10
10²
10³
10⁴
10⁵
10⁶

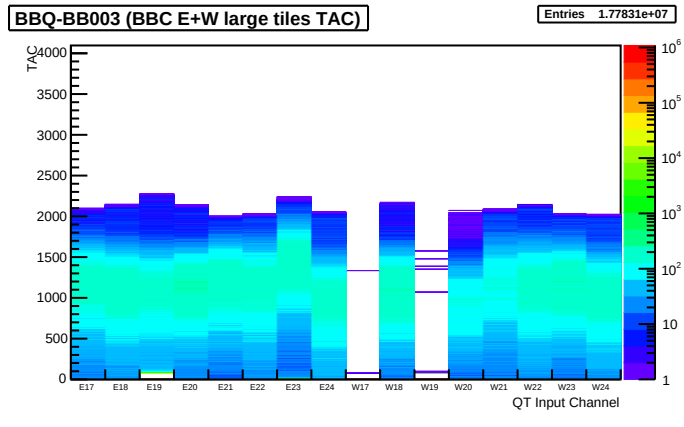

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.77831e+07
ADC
QT Input Channel

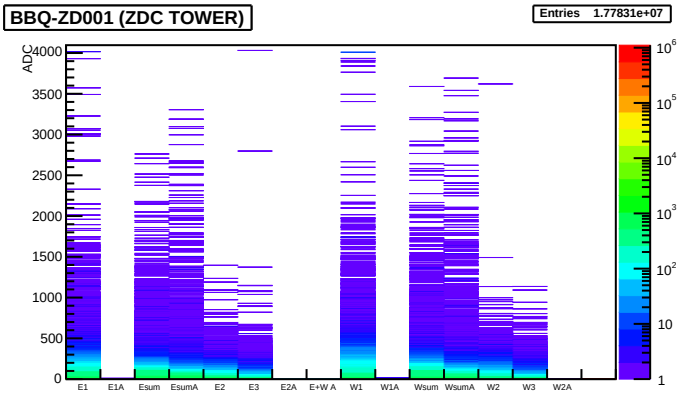

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.77831e+07
TAC
QT Input Channel

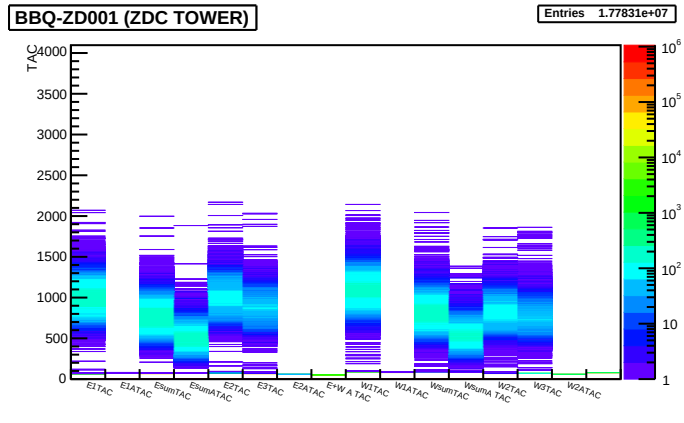

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.77831e+07
ADC
QT Input Channel

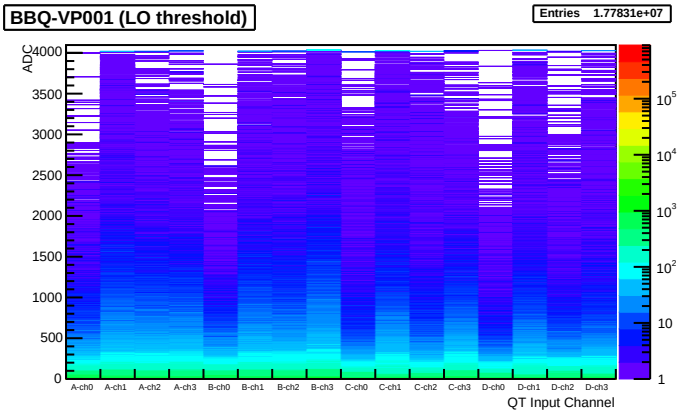

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.77831e+07
TAC
QT Input Channel

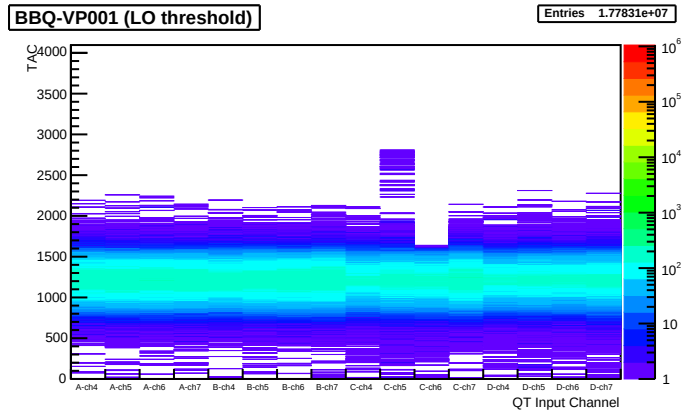

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.77831e+07
ADC
QT Input Channel

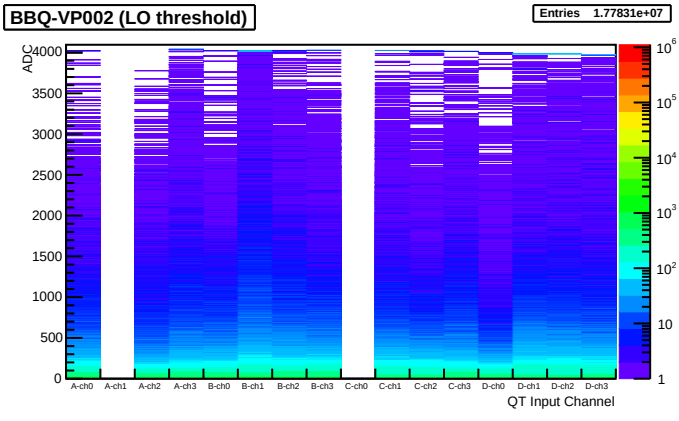

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.77831e+07
TAC
QT Input Channel

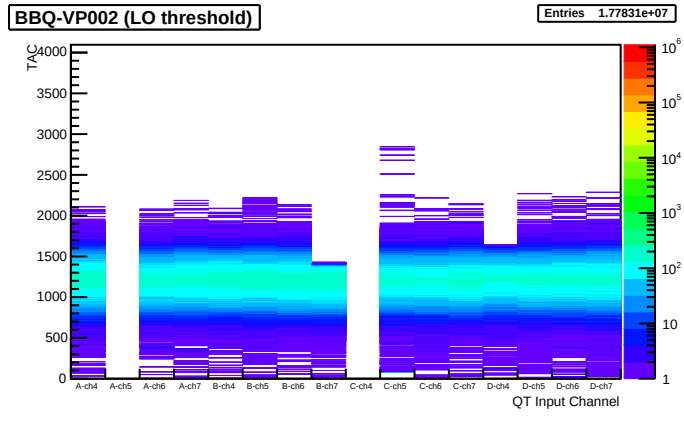

BBQ-ZD001 (ZDC TOWER)
Entries 1.77831e+07
ADC

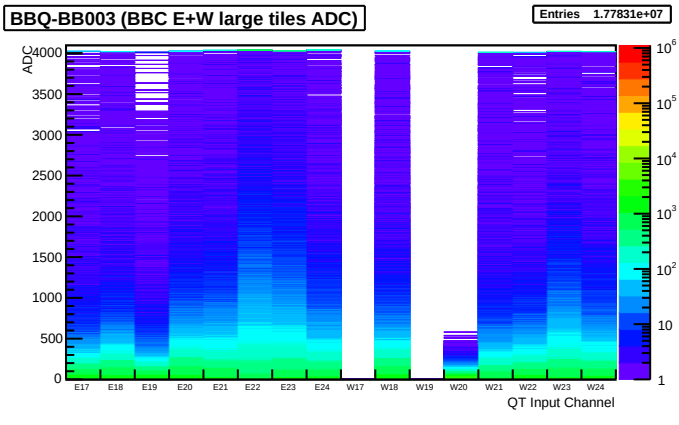

BBQ-ZD001 (ZDC TOWER)
Entries 1.77831e+07
TAC

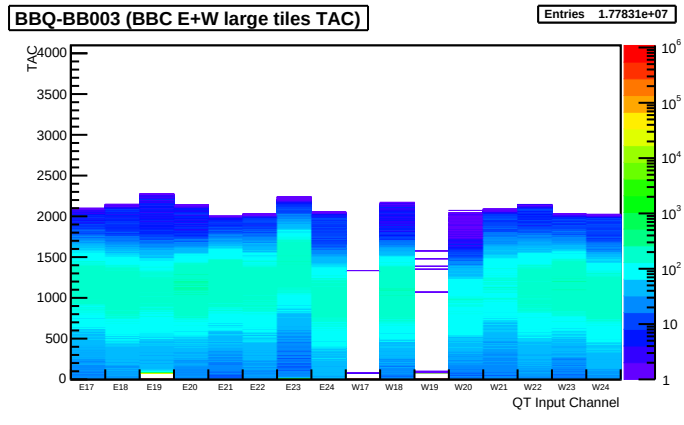

BBQ-VP001 (LO threshold)
Entries 1.77831e+07
ADC
QT Input Channel

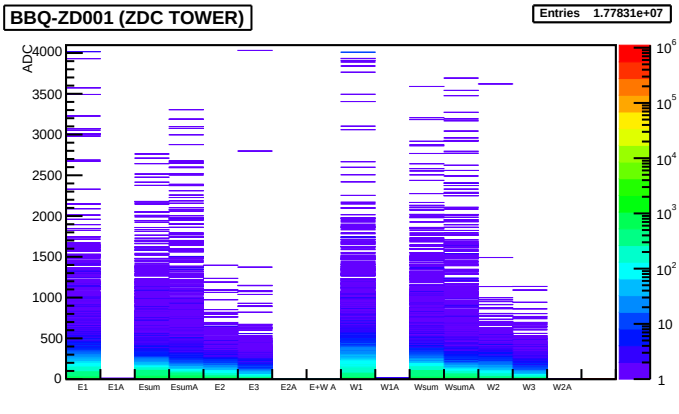

BBQ-VP001 (LO threshold)
Entries 1.77831e+07
TAC
QT Input Channel

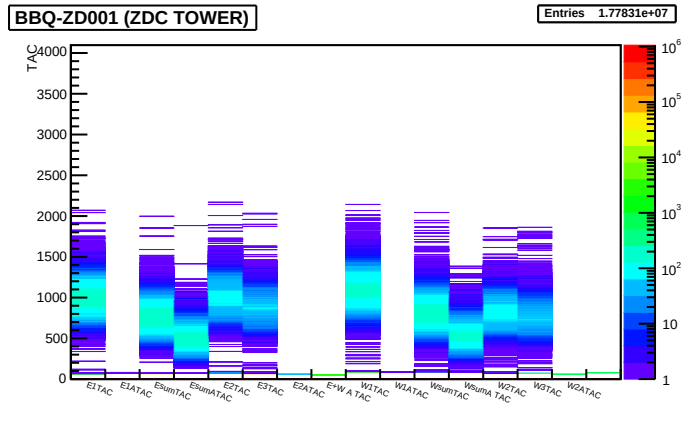

BBQ-VP002 (LO threshold)
Entries 1.77831e+07
ADC
QT Input Channel

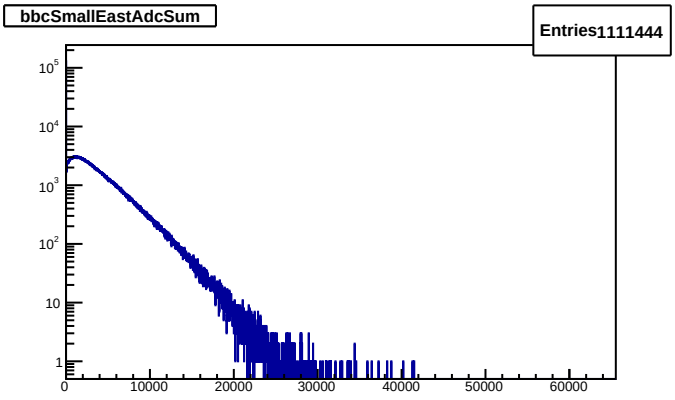

BBQ-VP002 (LO threshold)
Entries 1.77831e+07
TAC
QT Input Channel

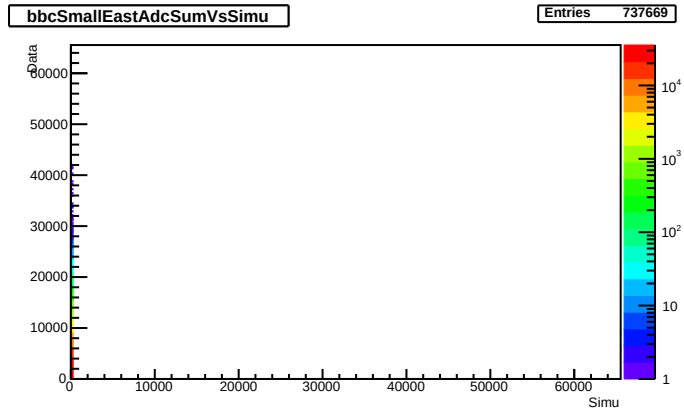

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.77831e+07
ADC
QT Input Channel

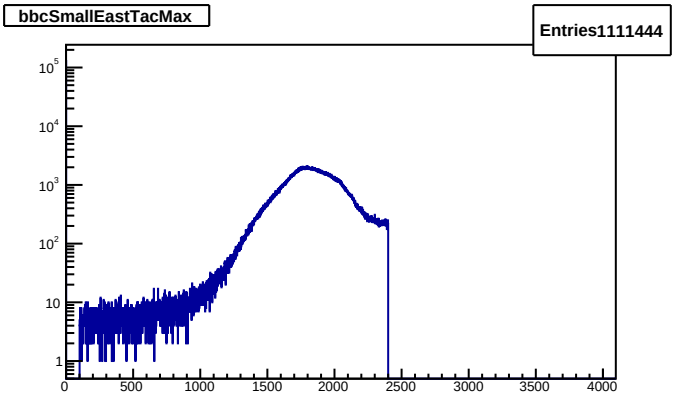

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.77831e+07
TAC
QT Input Channel

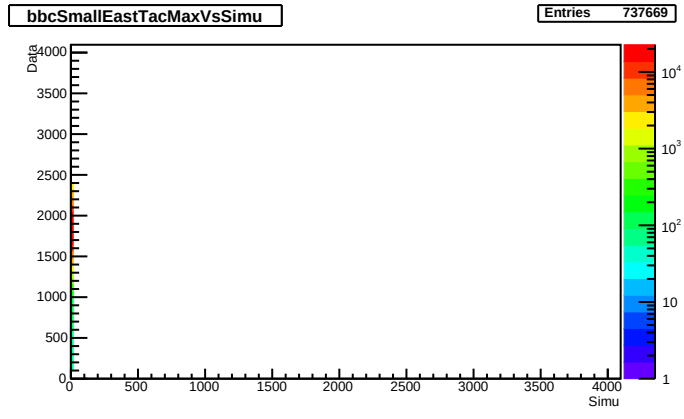

BBQ-ZD001 (ZDC TOWER)
Entries 1.77831e+07
ADC

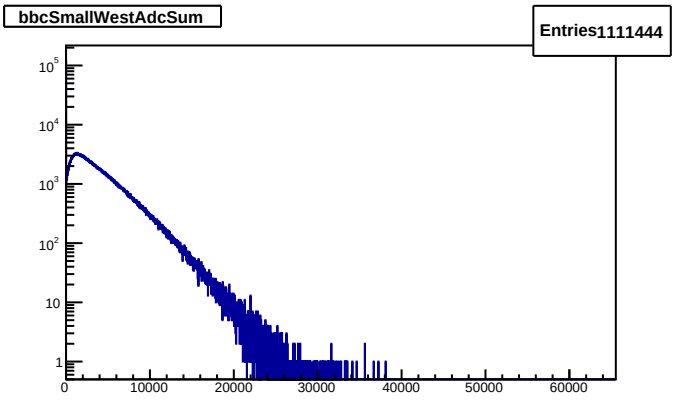

BBQ-ZD001 (ZDC TOWER)
Entries 1.77831e+07
TAC

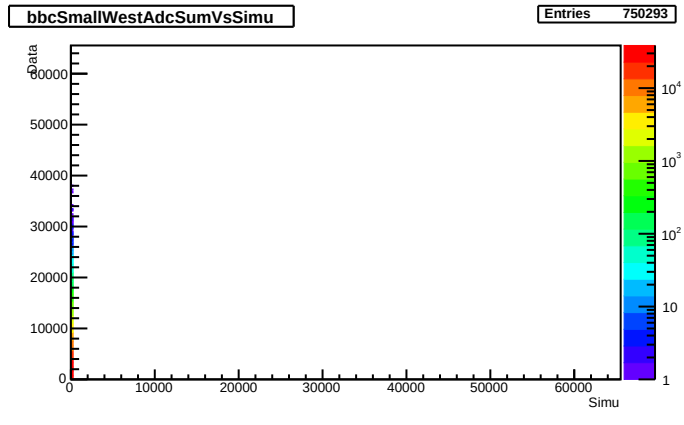

bbcSmallEastAdcSum
Entries1111444

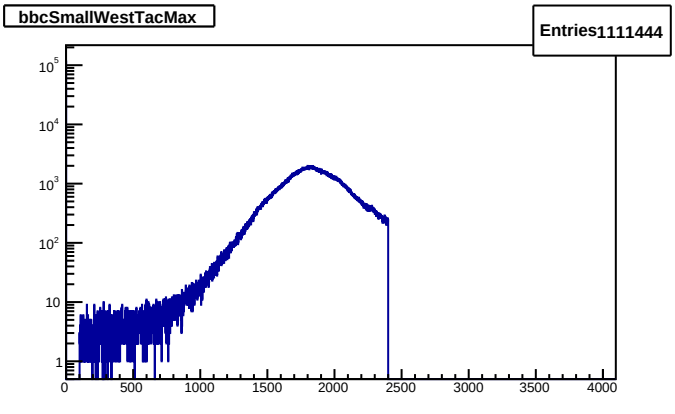

bbcSmallEastAdcSumVsSimu
Entries 737669
Data
Simu

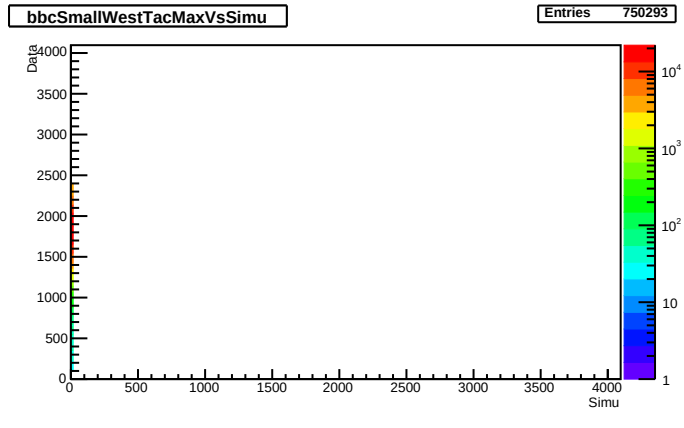

bbcSmallEastTacMax
Entries1111444

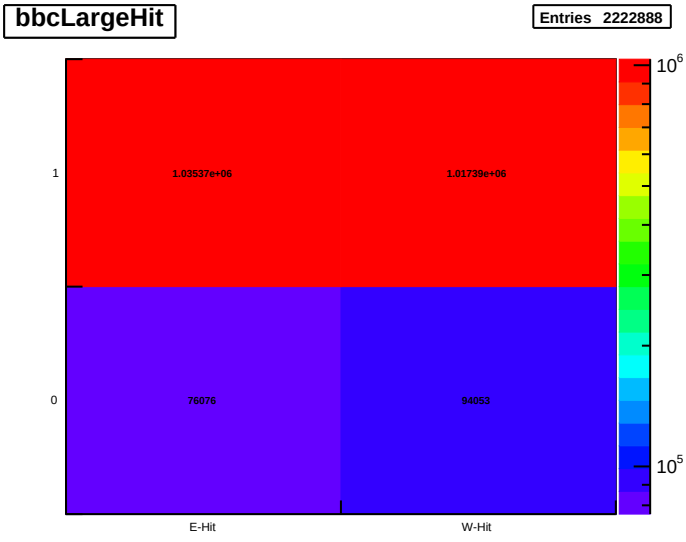

bbcSmallEastTacMaxVsSimu
Entries 737669
Data
Simu

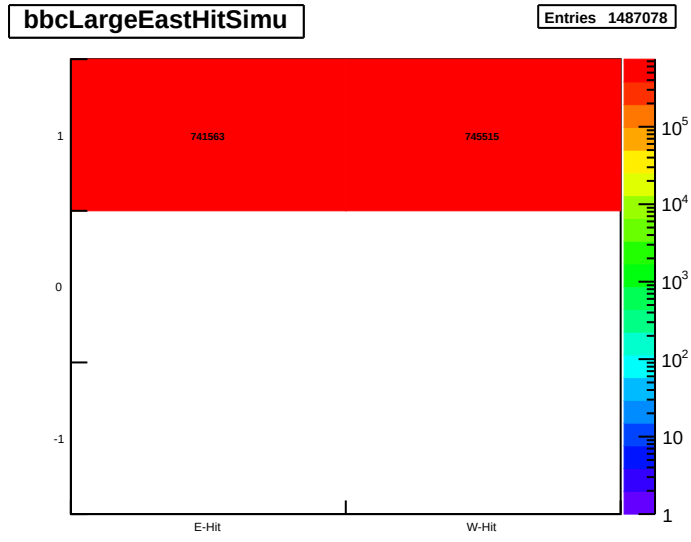

bbcSmallWestAdcSum
Entries1111444

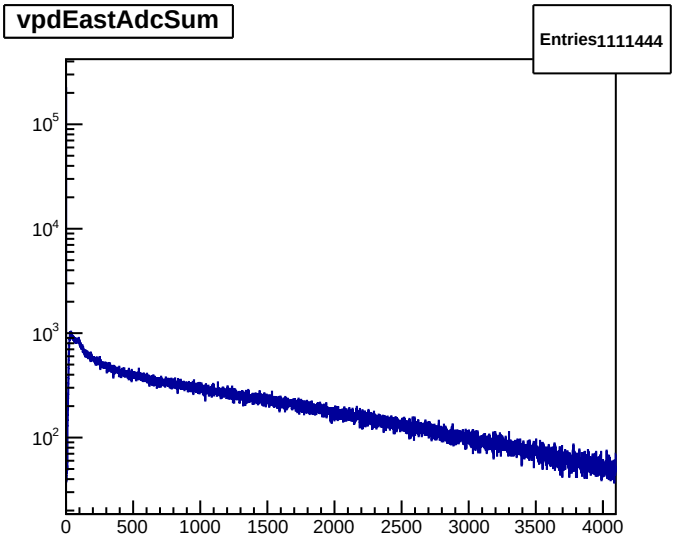

bbcSmallWestAdcSumVsSimu
Entries 750293
Data
Simu

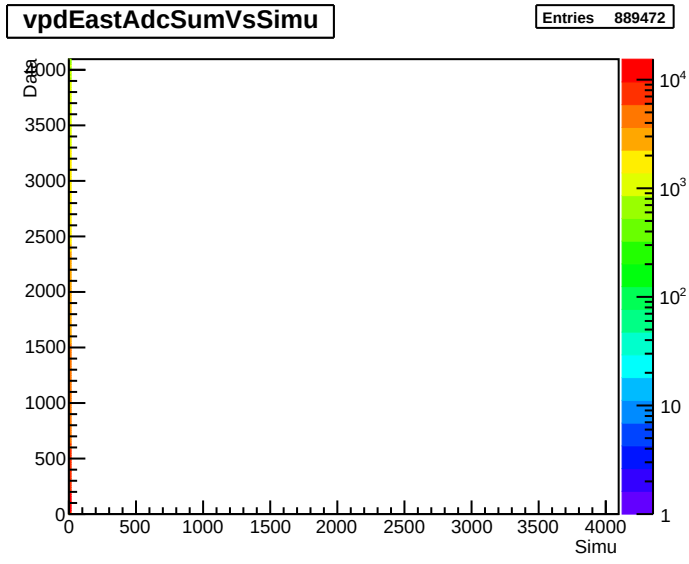

bbcSmallWestTacMax
Entries1111444

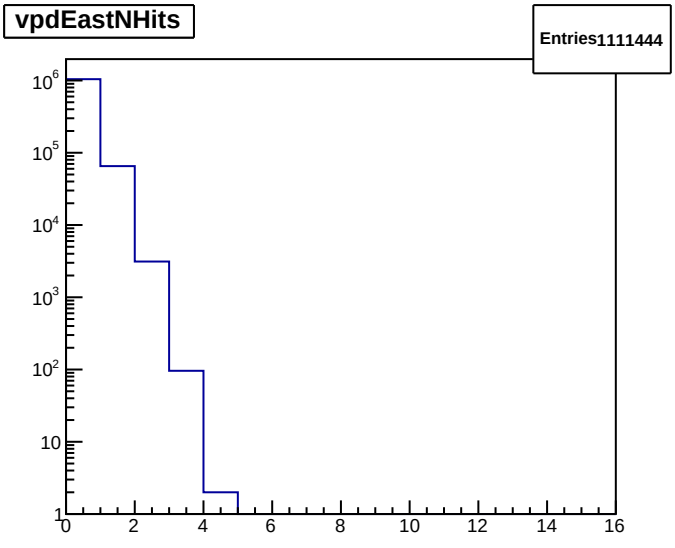

bbcSmallWestTacMaxVsSimu
Entries 750293
Data
Simu

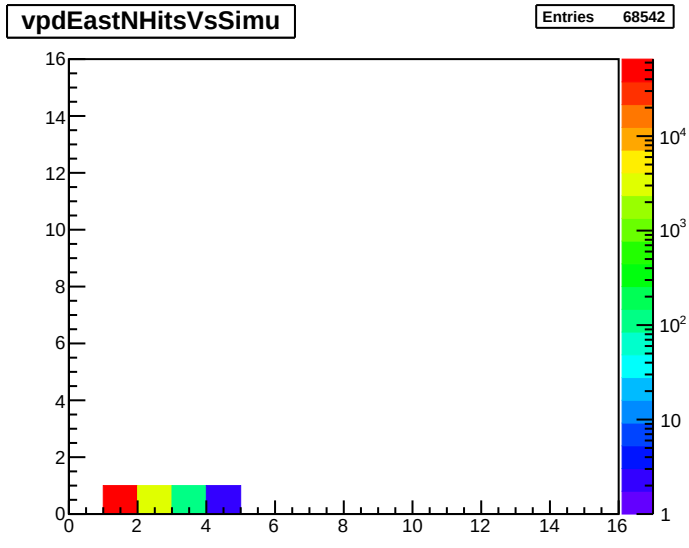

bbcLargeHit
Entries 2222888
1.03537e+06
1.01739e+06
76076
94053
1
0
E-Hit
W-Hit
10^6
10^5

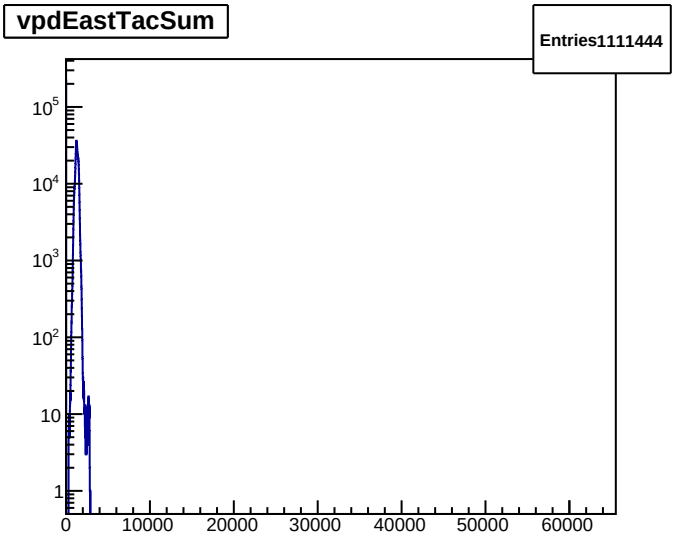

bbcLargeEastHitSimu
Entries 1487078
741563
745515
1
0
-1
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

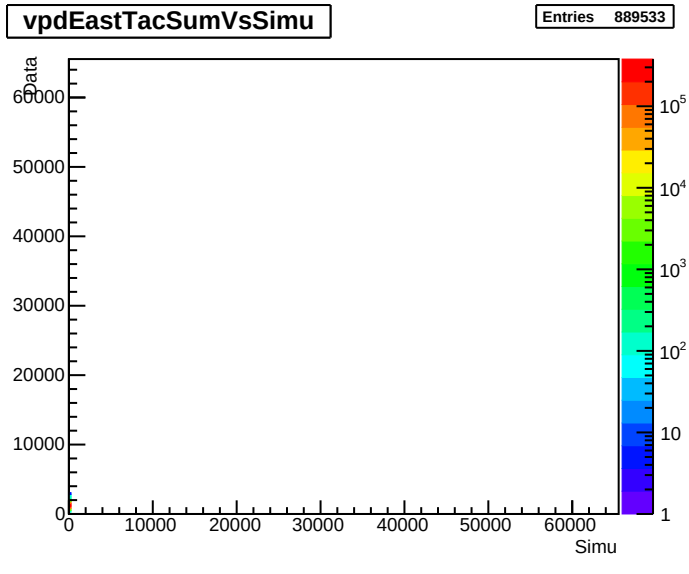

vpdEastAdcSum
Entries1111444

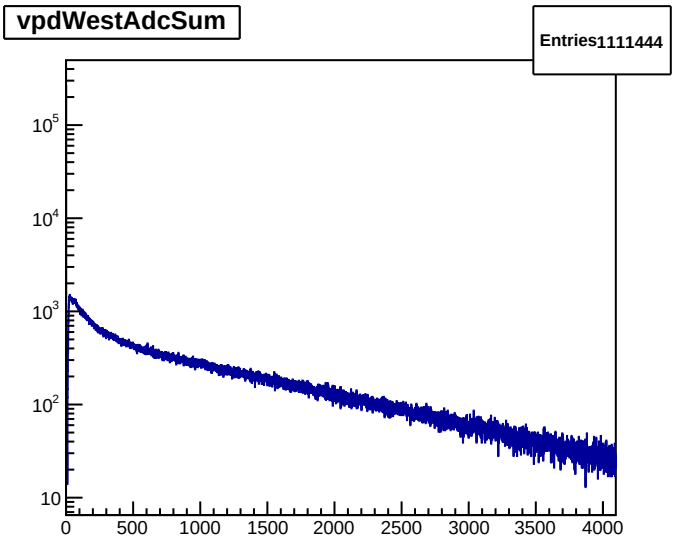

vpdEastAdcSumVsSimu
Entries 889472
Data
Simu

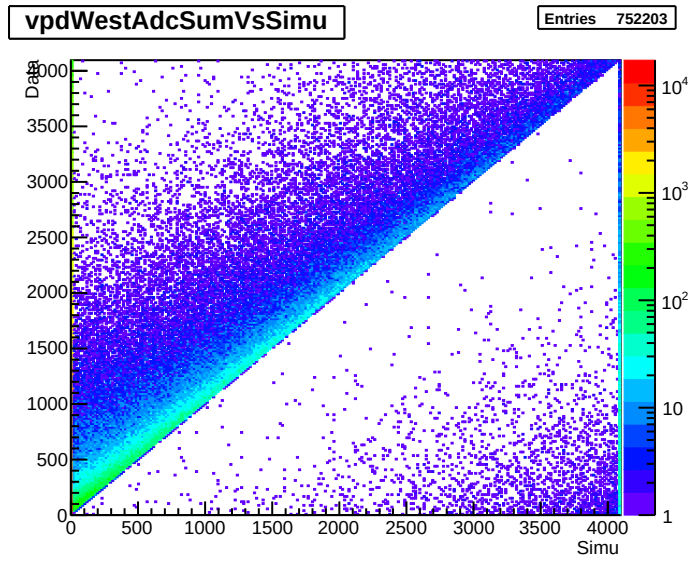

vpdEastNHits
Entries1111444

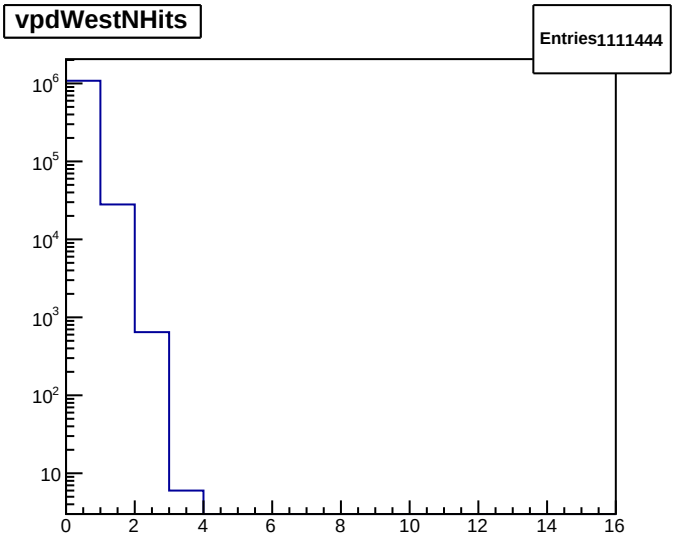

vpdEastNHitsVsSimu
Entries 68542

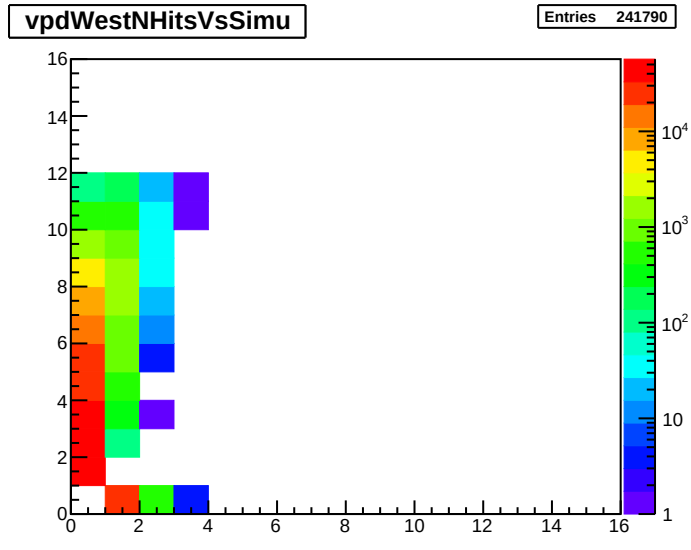

vpdEastTacSum
Entries1111444

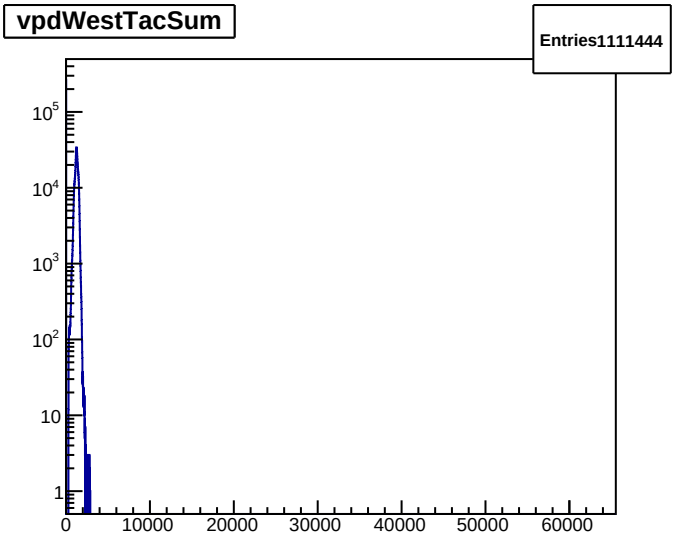

vpdEastTacSumVsSimu
Entries 889533
Data
Simu

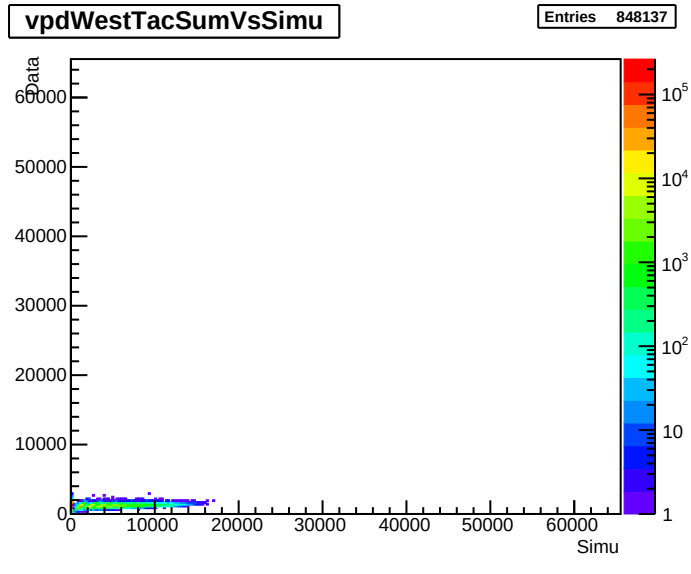

vpdWestAdcSum
Entries1111444

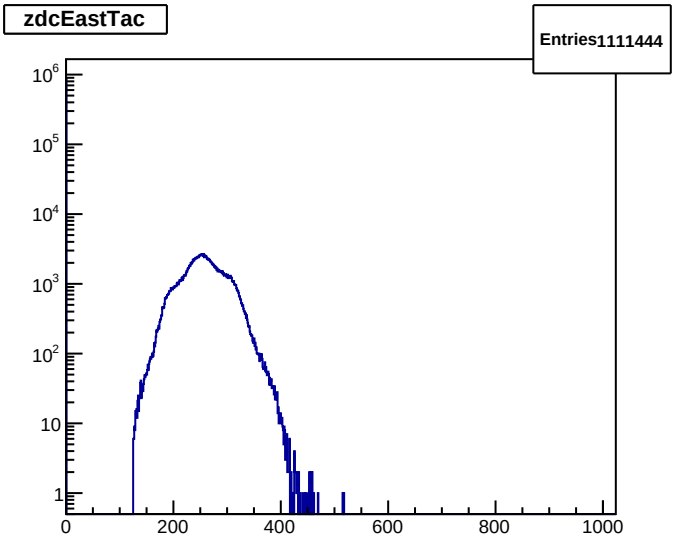

vpdWestAdcSumVsSimu
Entries 752203
Data
Simu

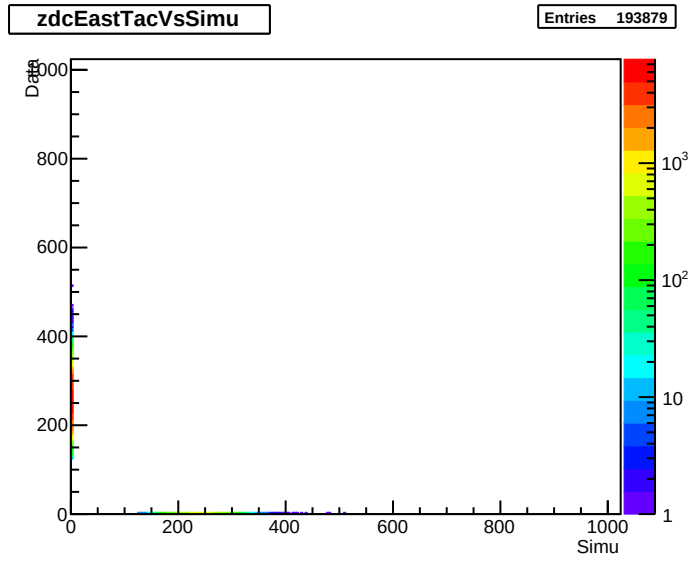

vpdWestNHits
Entries1111444

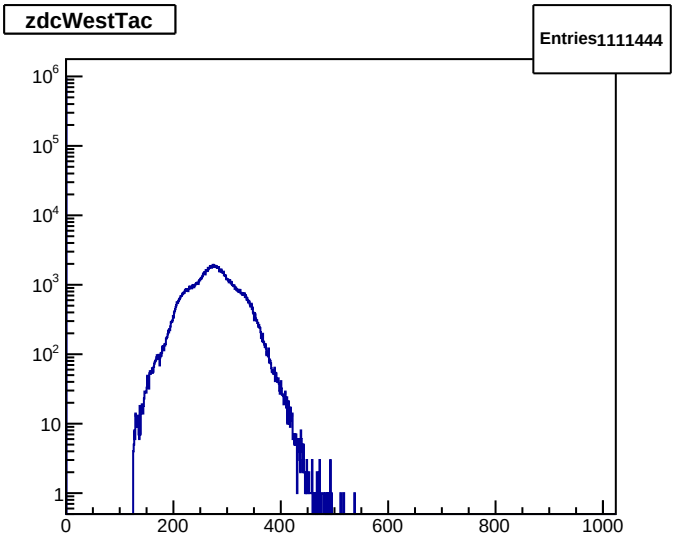

vpdWestNHitsVsSimu
Entries 241790

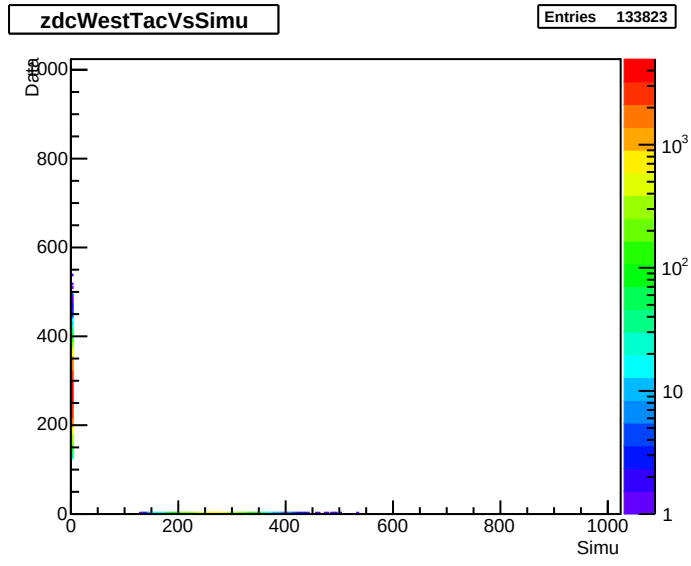

vpdWestTacSum
Entries1111444

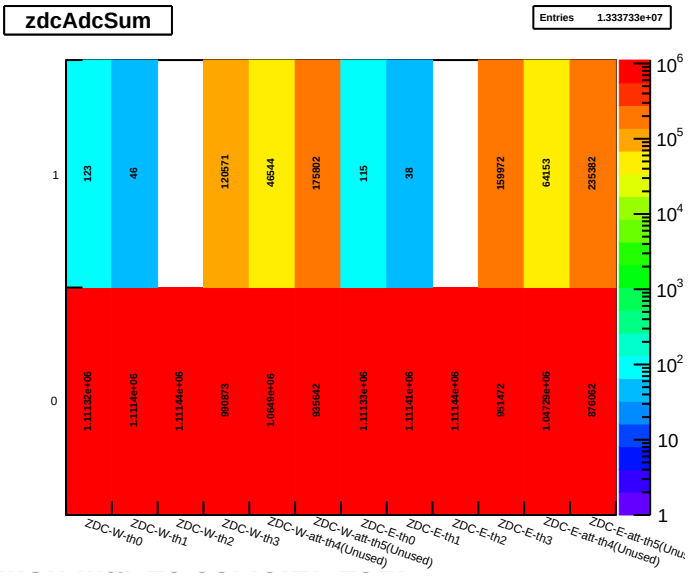

vpdWestTacSumVsSimu
Entries 848137
Data
Simu

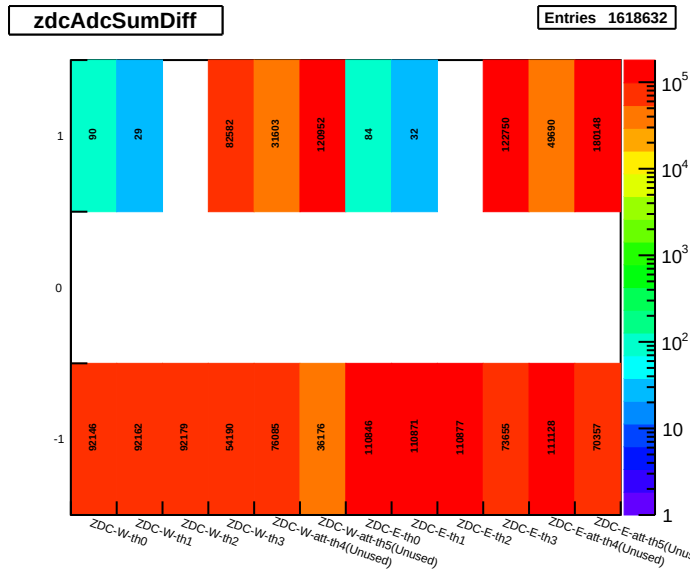

zdcEastTac
Entries1111444

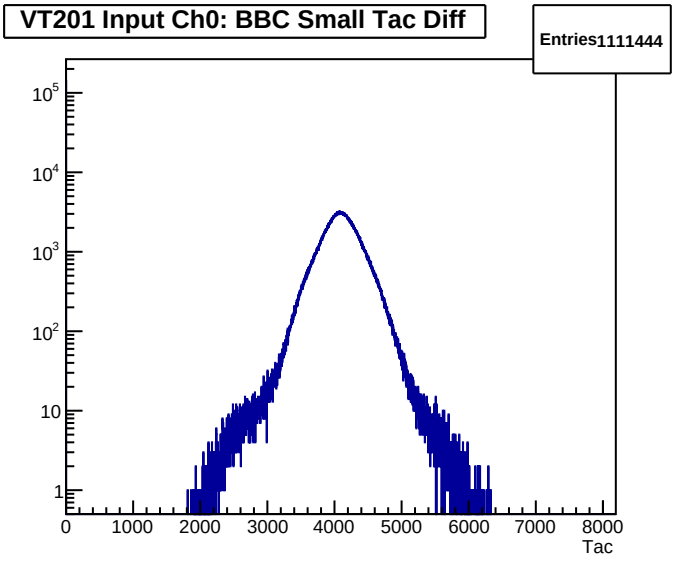

zdcEastTacVsSimu
Entries 193879
Data
Simu

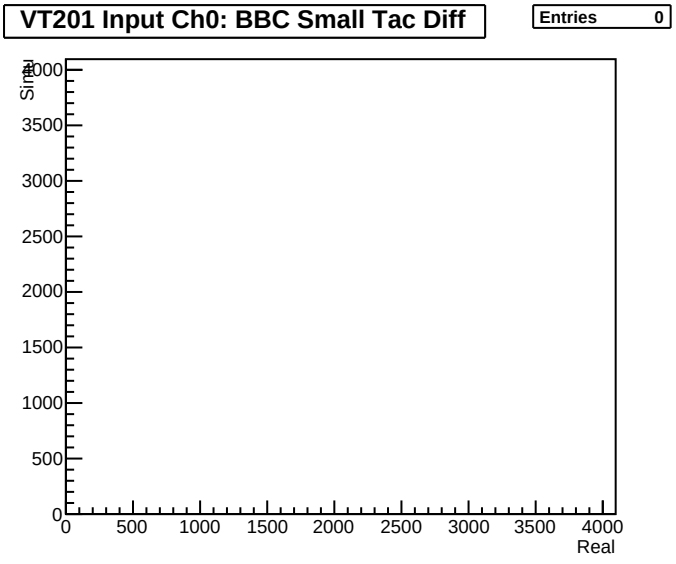

zdcWestTac
Entries1111444

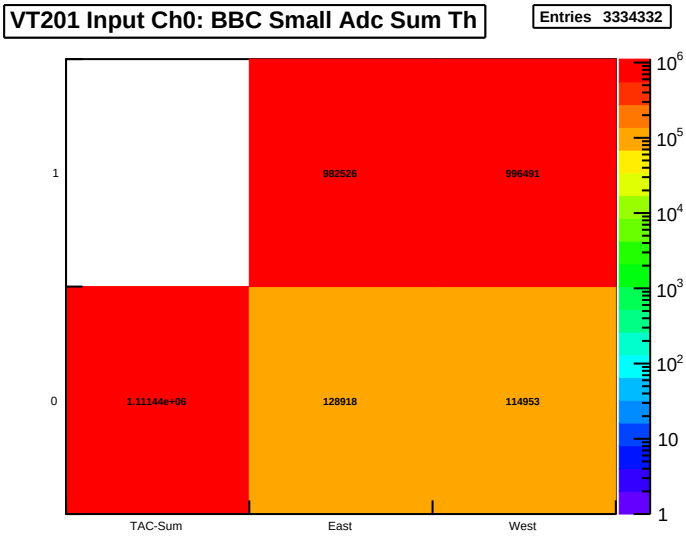

zdcWestTacVsSimu
Entries 133823
Data
Simu

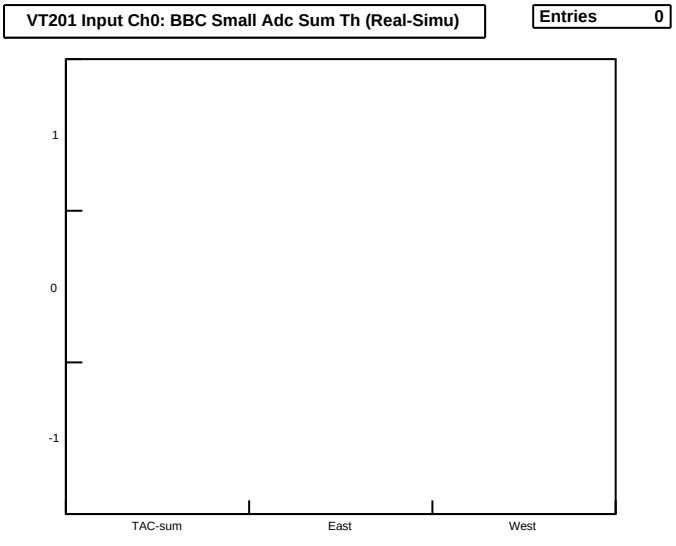

zdcAdcSum
Entries 1.333733e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

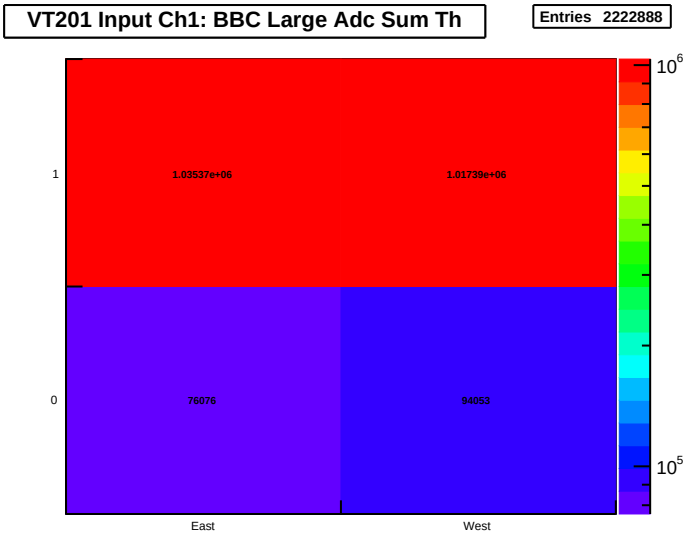

zdcAdcSumDiff
Entries 1618632
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

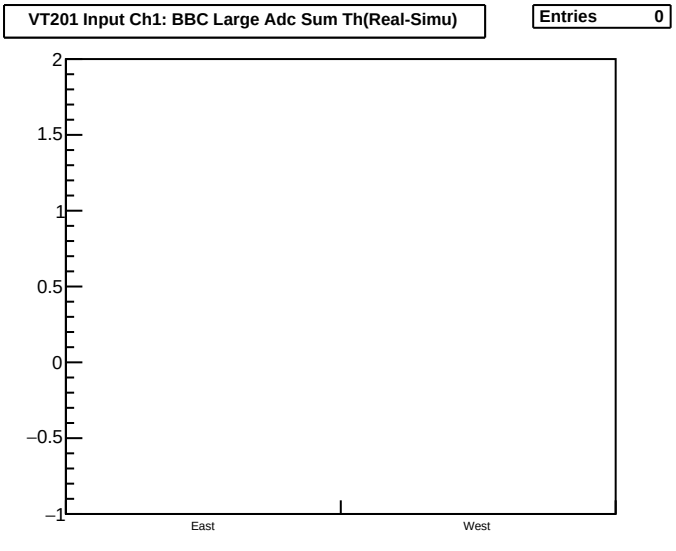

VT201 Input Ch0: BBC Small Tac Diff
Entries1111444
Tac


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

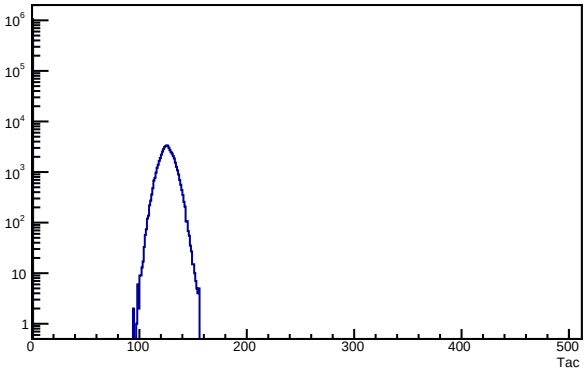

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3334332
982526
996491
1.11144e+06
128918
114953
TAC-Sum
East
West


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

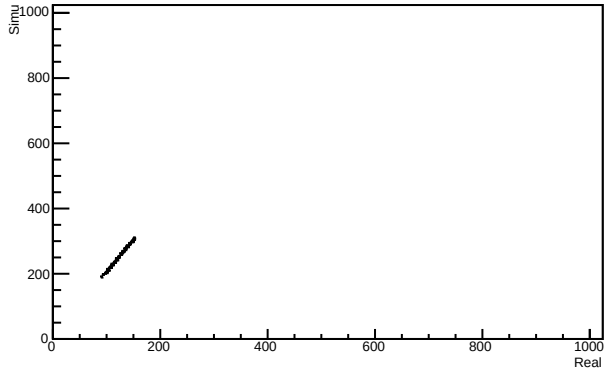

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2222888
1.03537e+06
1.01739e+06
76076
94053
East
West


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

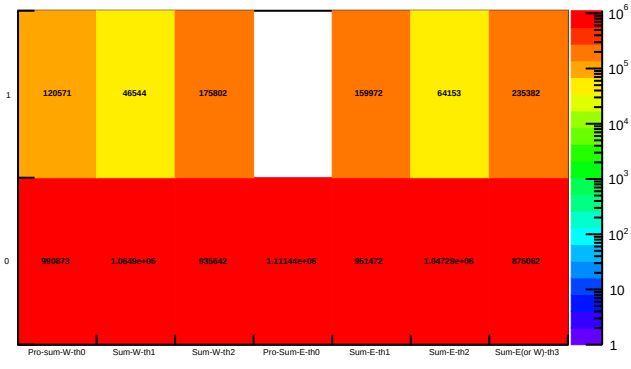
VT201 Input Ch2: ZDC Tac Diff



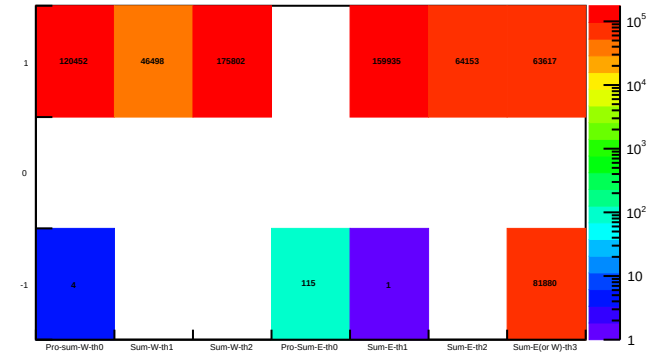
VT201 Input Ch2: ZDC Tac Diff



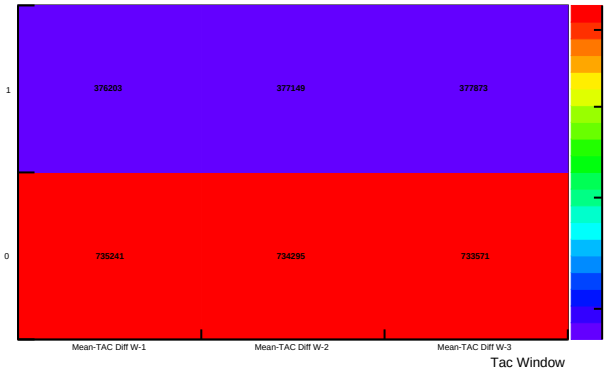
VT201 Input Ch2: ZDC Adc Sum Th



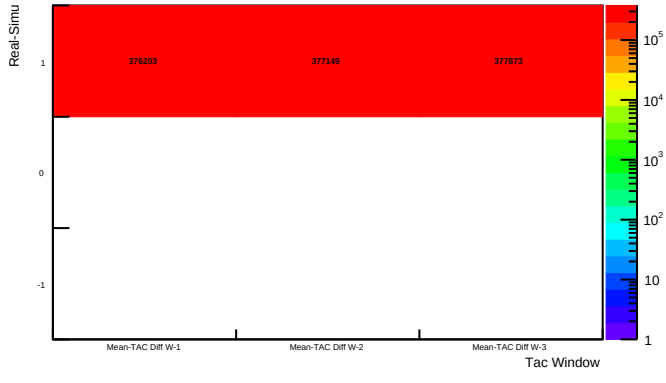
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



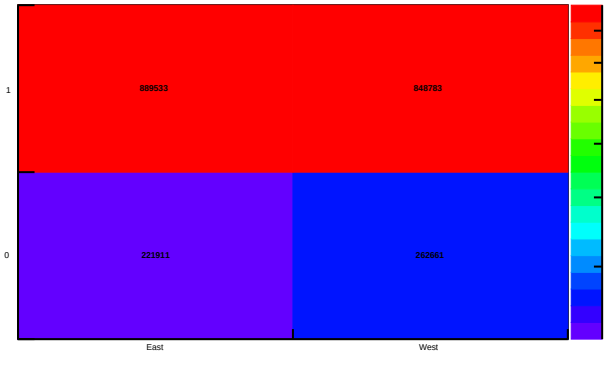
VT201 Input Ch4: VPD Tac Diff



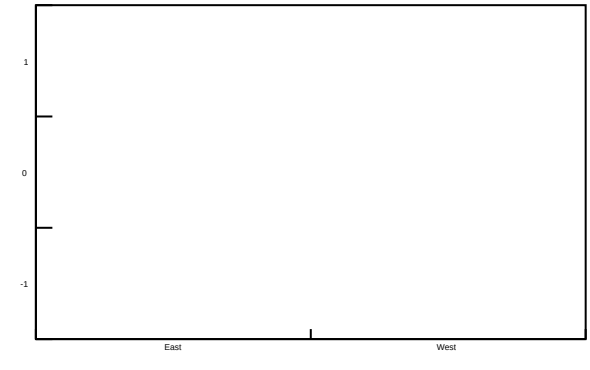
VT201 Input Ch4: VPD Tac Diff

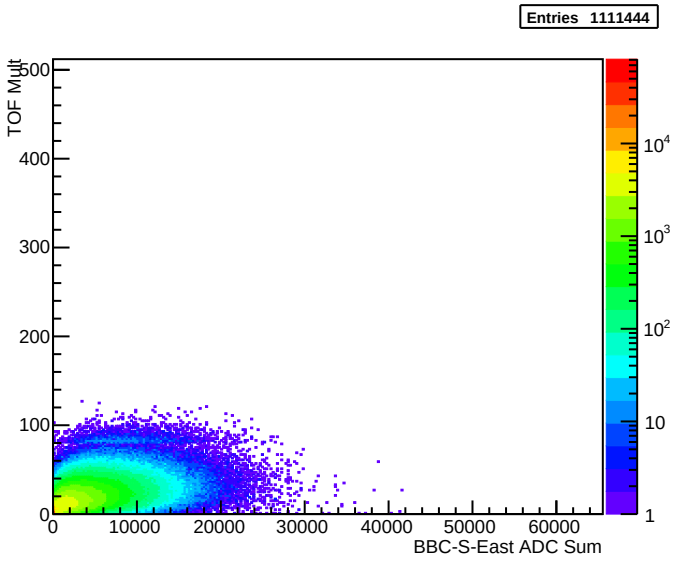


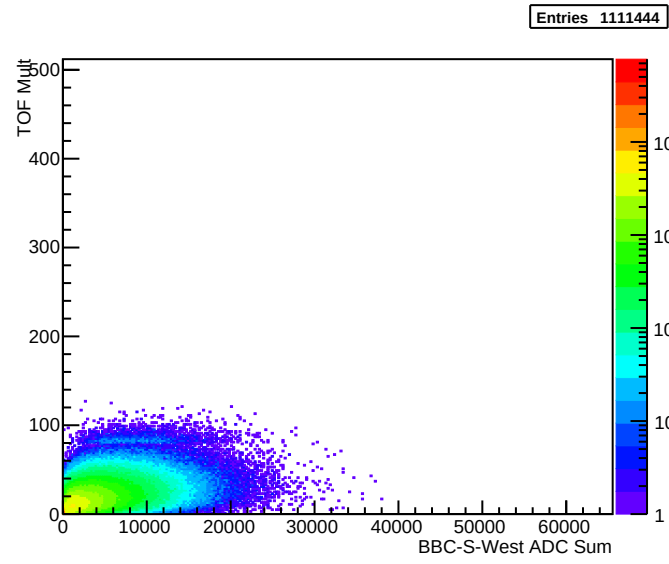
VT201 Input Ch4: VPD Adc Sum Th

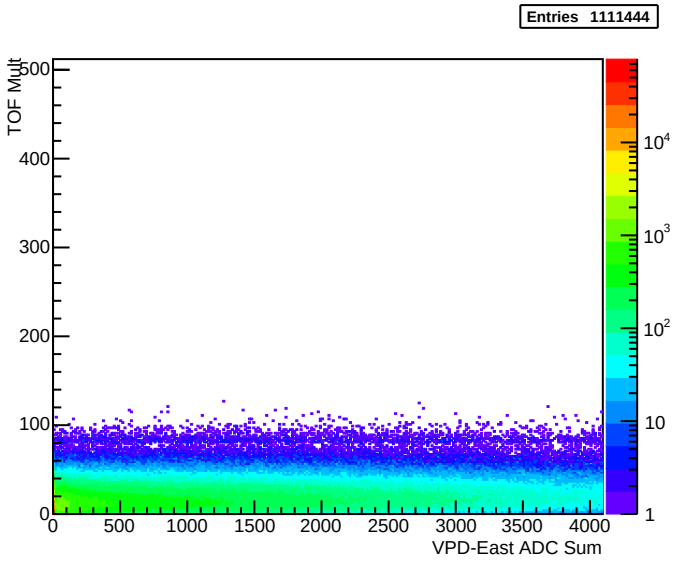


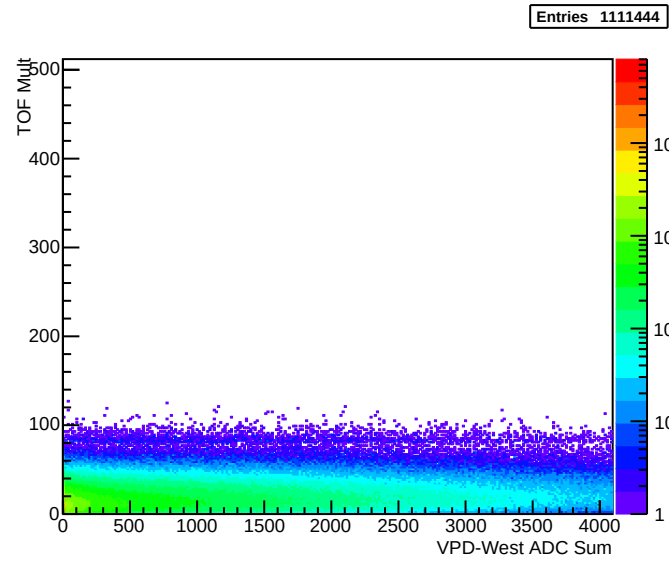
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

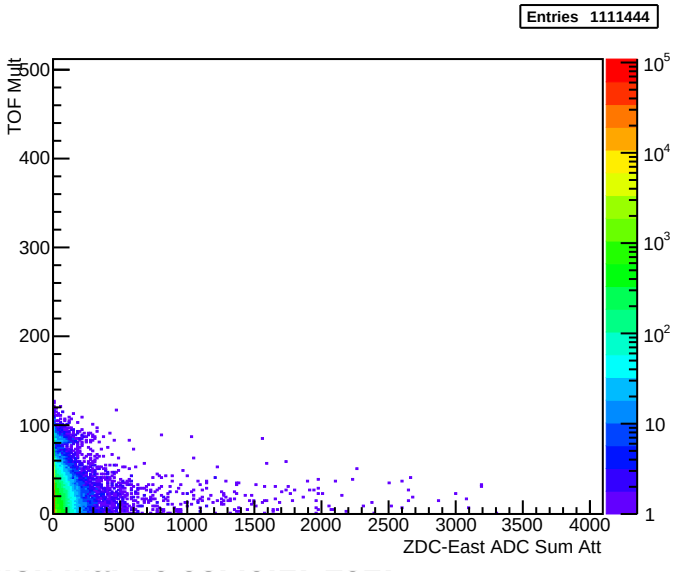


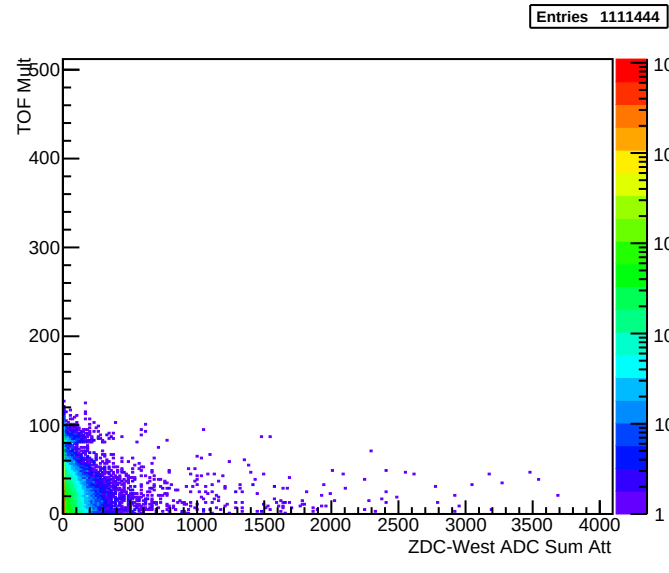

Entries 1111444
TOF Mult
BBC-S-East ADC Sum

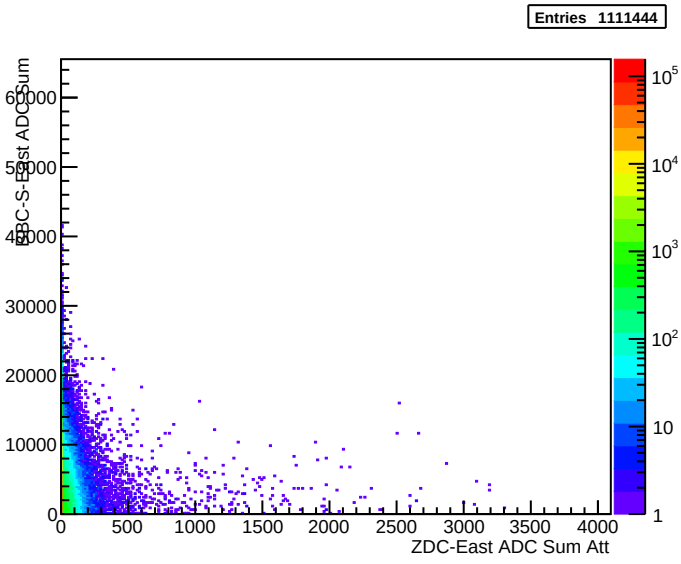

Entries 1111444
TOF Mult
BBC-S-West ADC Sum

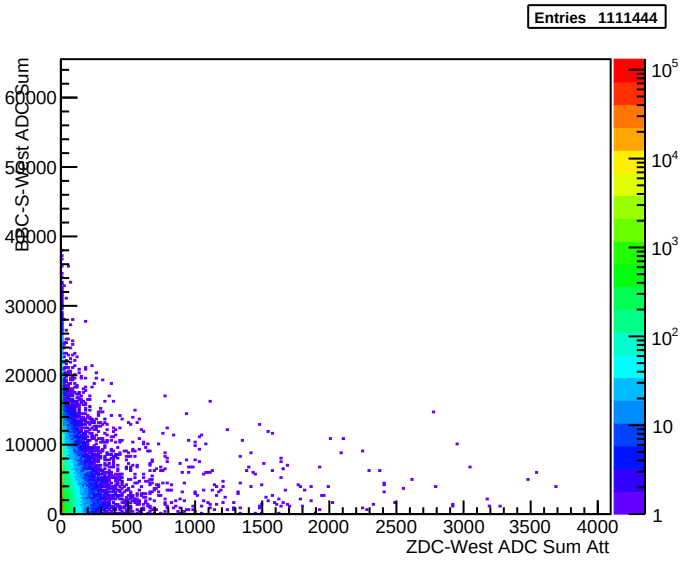

Entries 1111444
TOF Mult
VPD-East ADC Sum

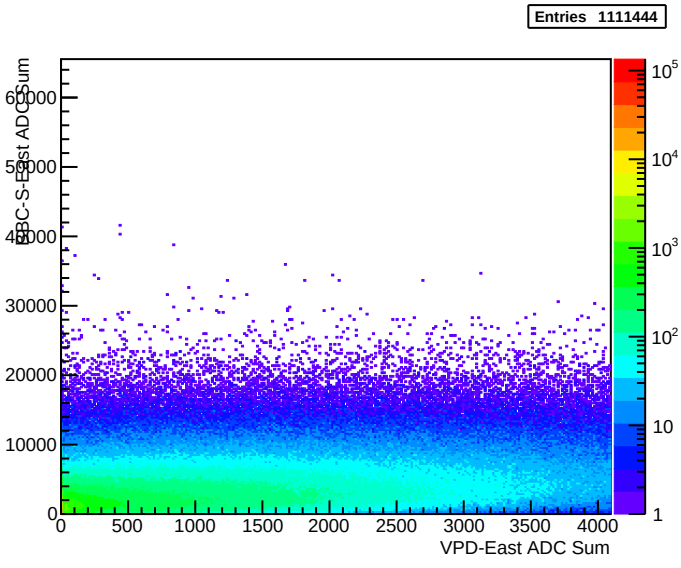

Entries 1111444
TOF Mult
VPD-West ADC Sum

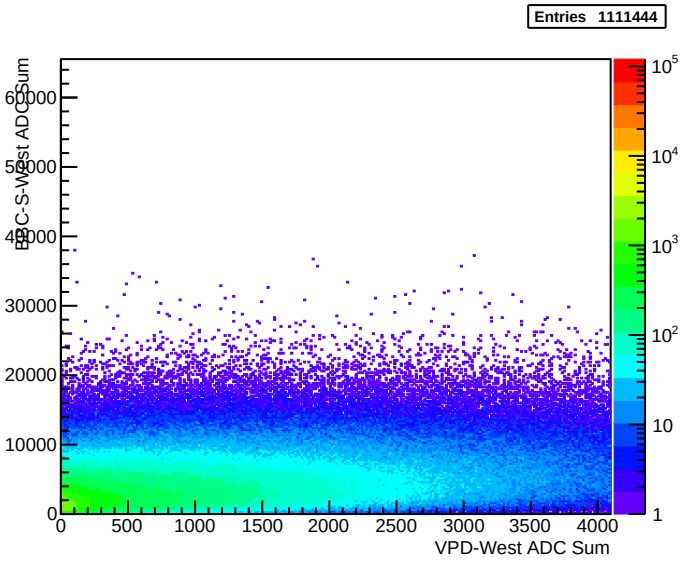

Entries 1111444
TOF Mult
ZDC-East ADC Sum Att

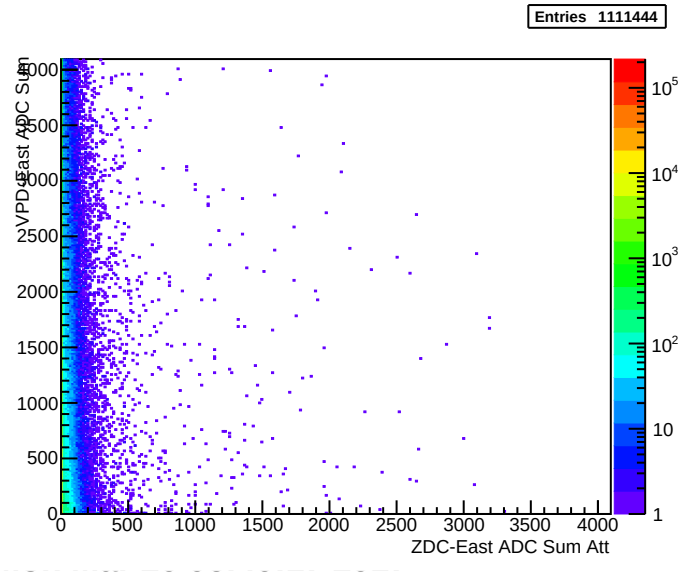

Entries 1111444
TOF Mult
ZDC-West ADC Sum Att

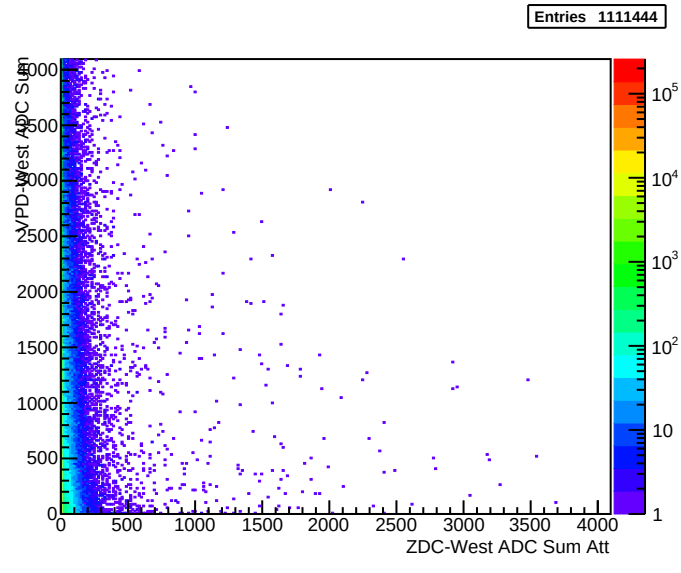

Entries 1111444
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

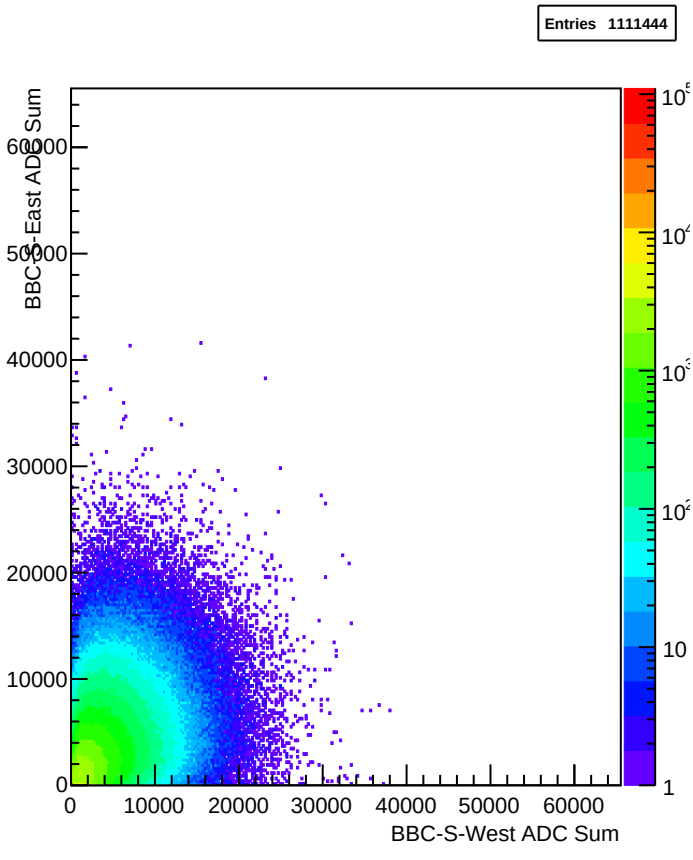

Entries 1111444
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

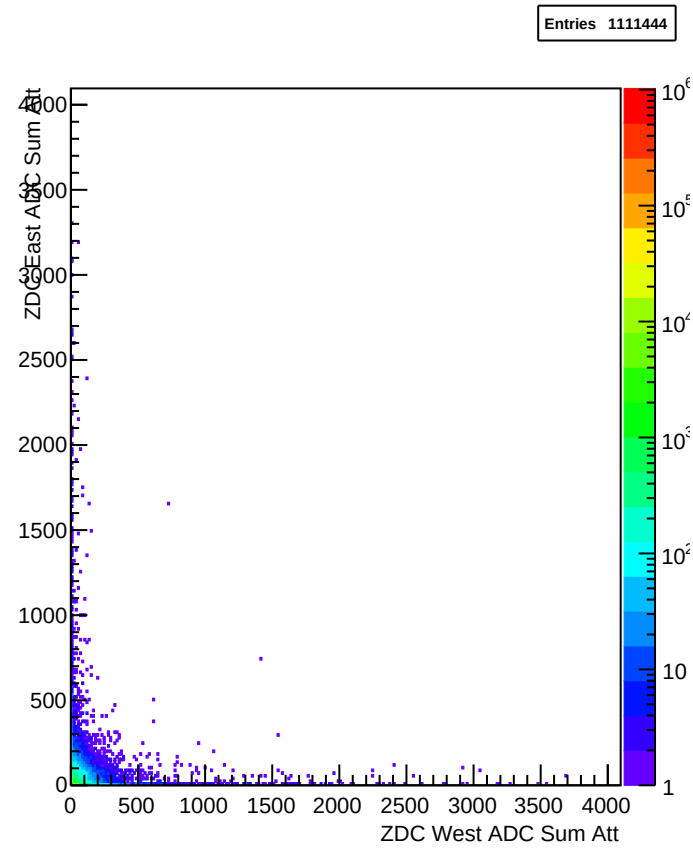

Entries 1111444
BBC-S-East ADC Sum
VPD-East ADC Sum

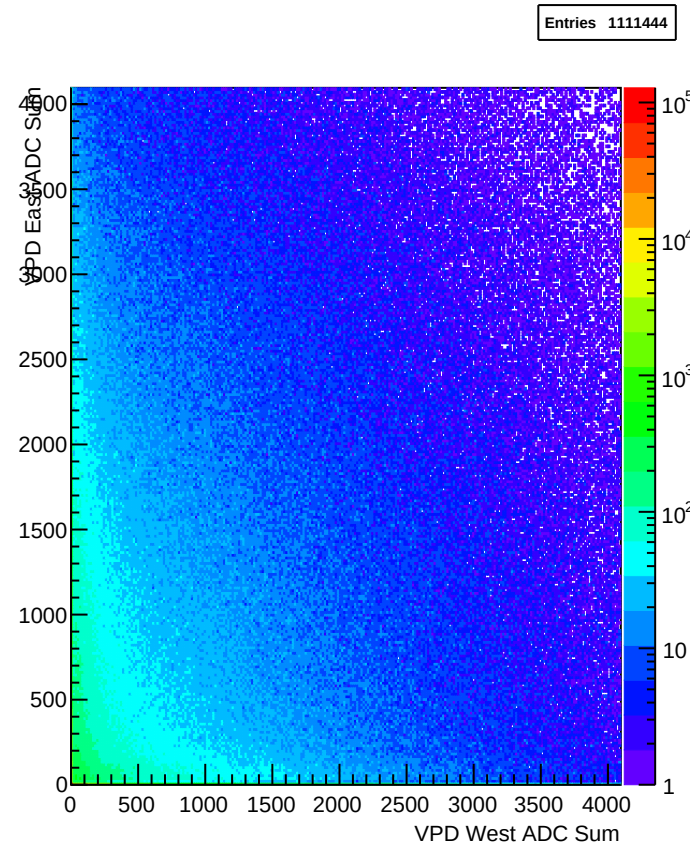

Entries 1111444
BBC-S-West ADC Sum
VPD-West ADC Sum

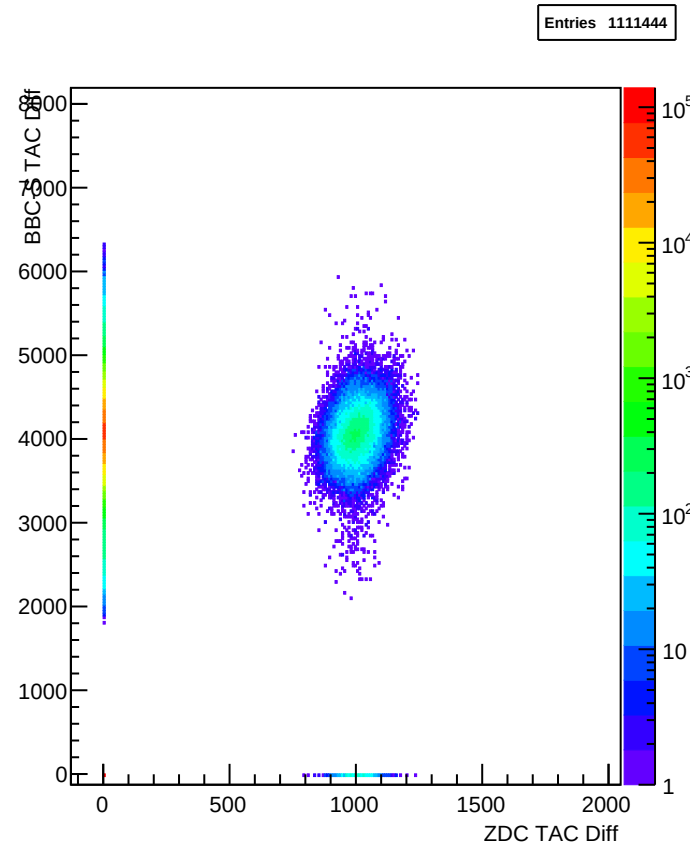

Entries 1111444
VPD-East ADC Sum
ZDC-East ADC Sum Att

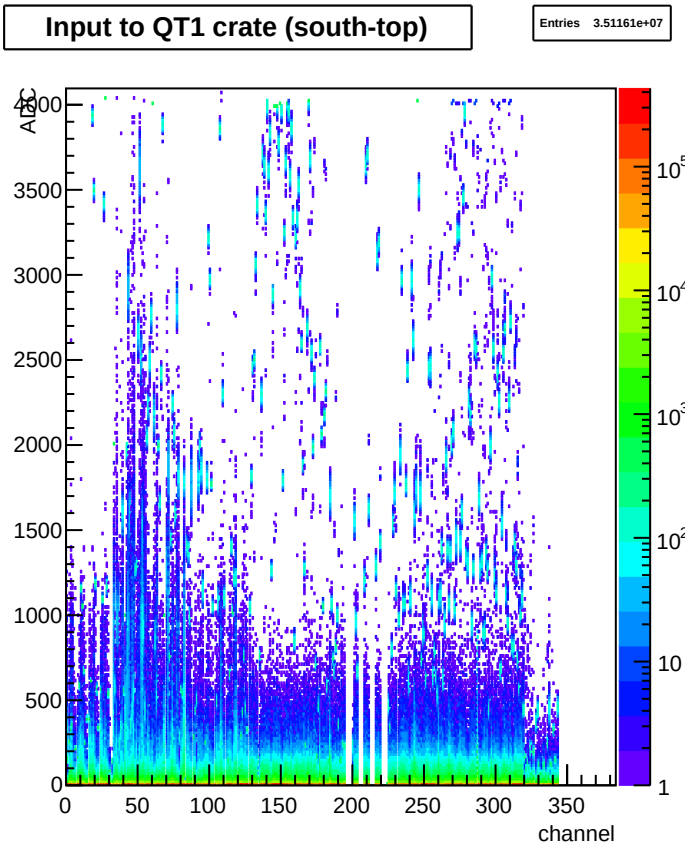

Entries 1111444
VPD-West ADC Sum
ZDC-West ADC Sum Att

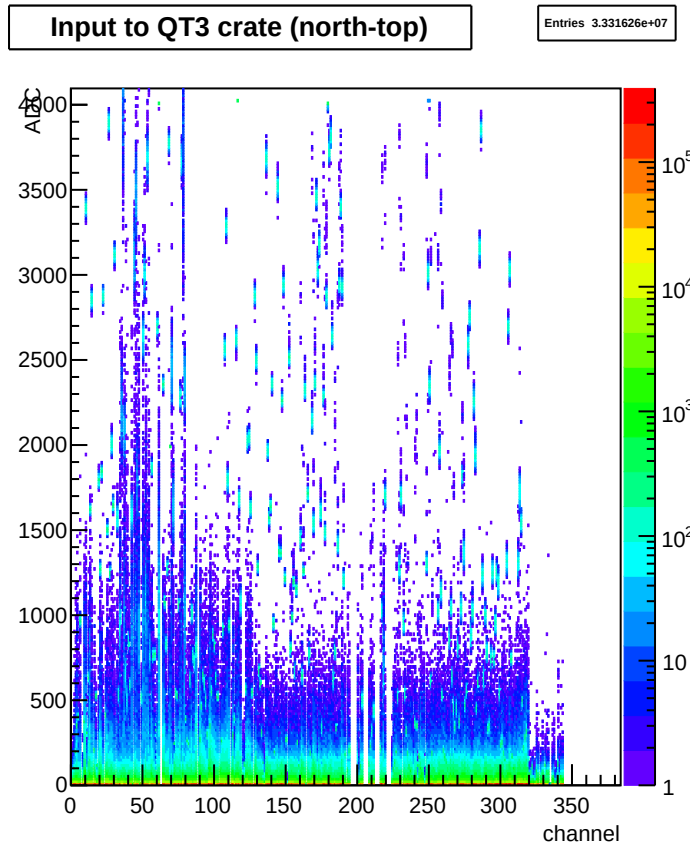

Entries 1111444
BBC-S-East ADC Sum
BBC-S-West ADC Sum

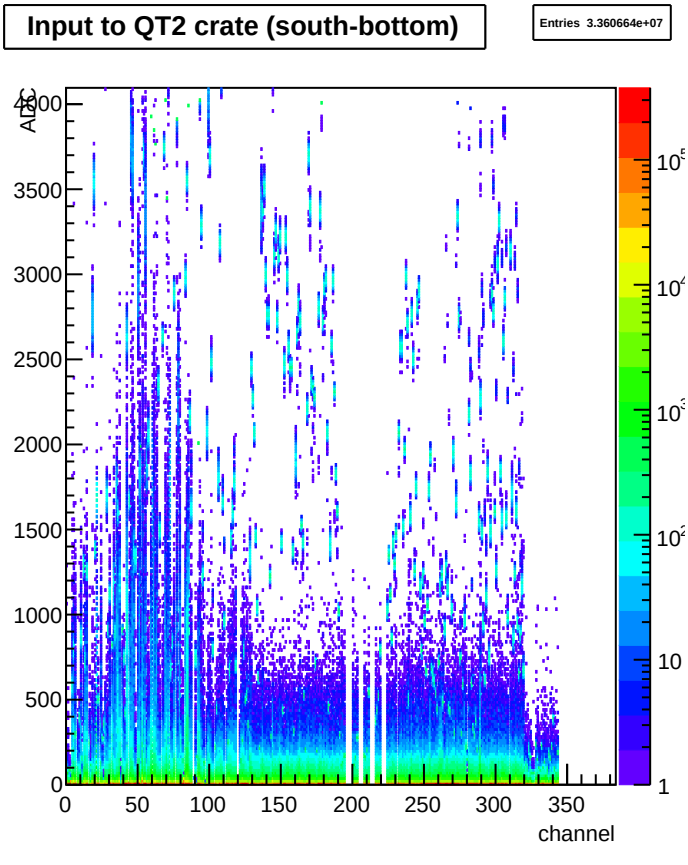

Entries 1111444
ZDC East ADC Sum Att
ZDC West ADC Sum Att

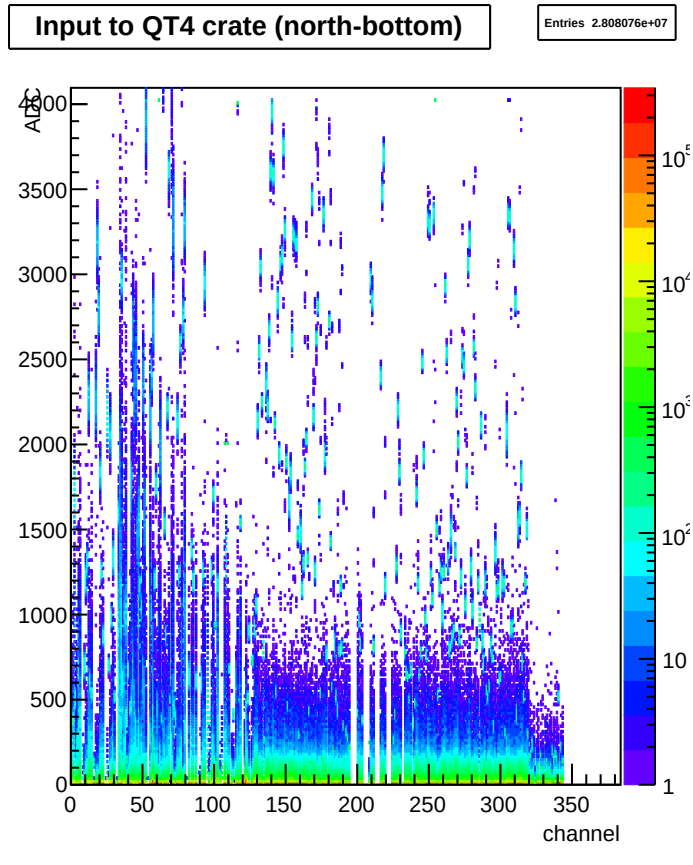

Entries 1111444
VPD East ADC Sum
VPD West ADC Sum

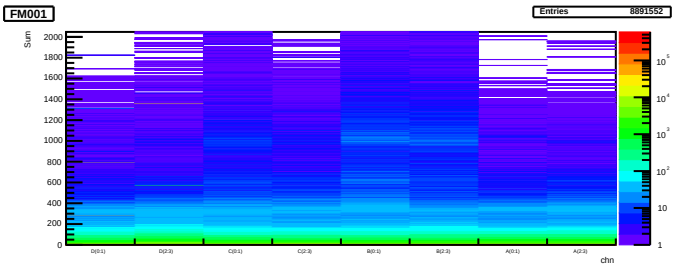

Entries 1111444
BBC-S TAC Diff
ZDC TAC Diff

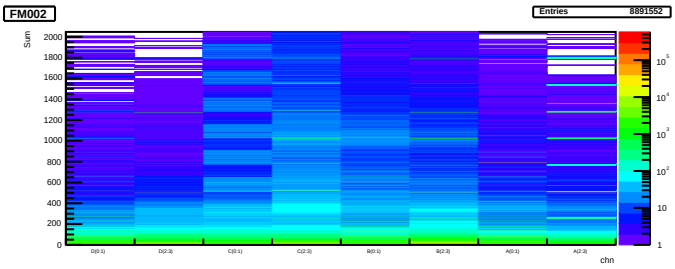

Input to QT1 crate (south-top)
Entries 3.51161e+07
ADC
channel

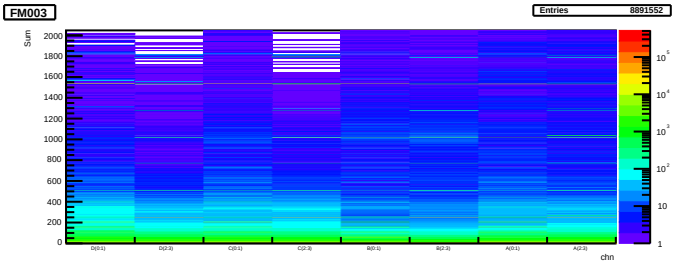

Input to QT3 crate (north-top)
Entries 3.331626e+07
ADC
channel

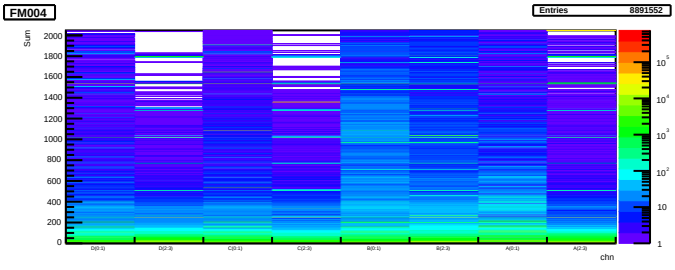

Input to QT2 crate (south-bottom)
Entries 3.360664e+07
ADC
channel

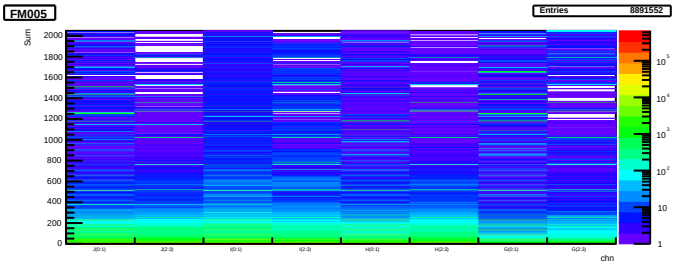

Input to QT4 crate (north-bottom)
Entries 2.808076e+07
ADC
channel

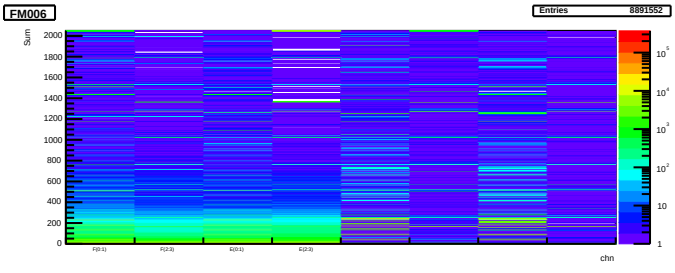

FM001
Entries 8891552
Sum
chn


FM002
Entries 8891552
Sum
chn


FM003
Entries 8891552
Sum
chn


FM004
Entries 8891552
Sum
chn


FM005
Entries 8891552
Sum
chn


FM006
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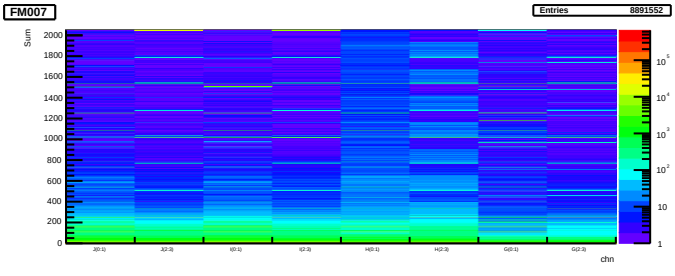
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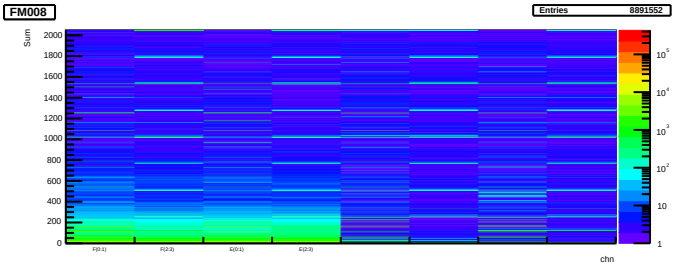
FM008
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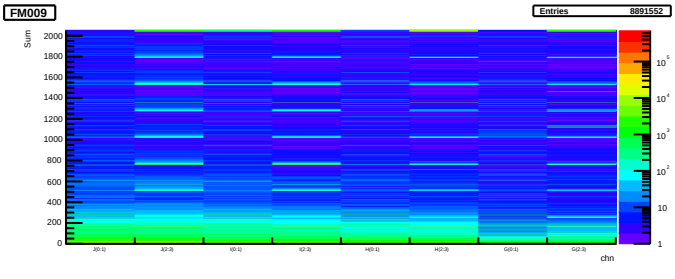
FM009
Entries 8891552
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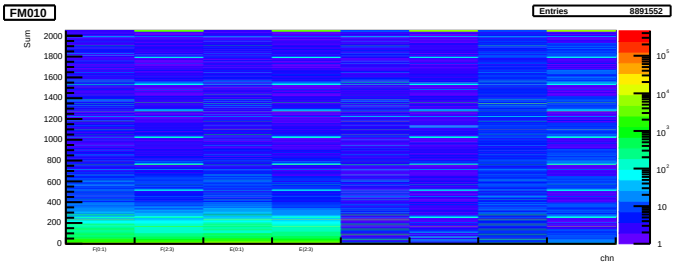
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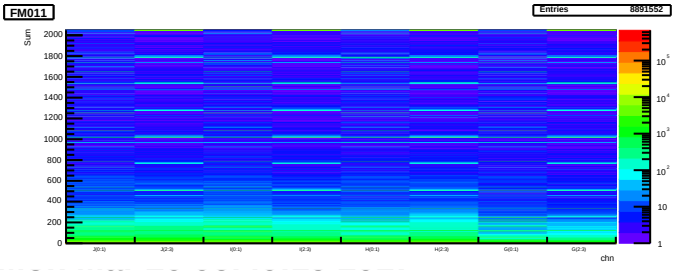
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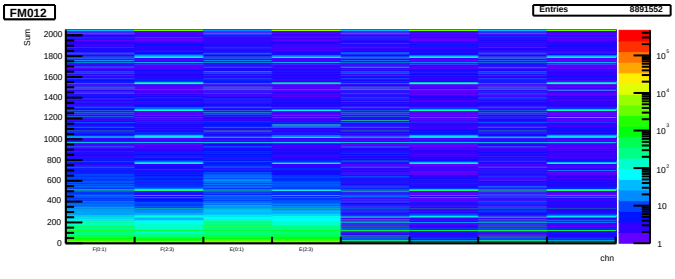
FM012
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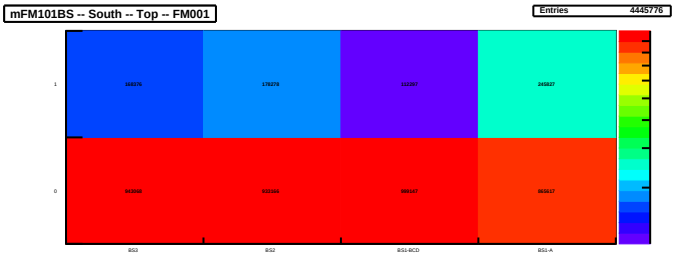
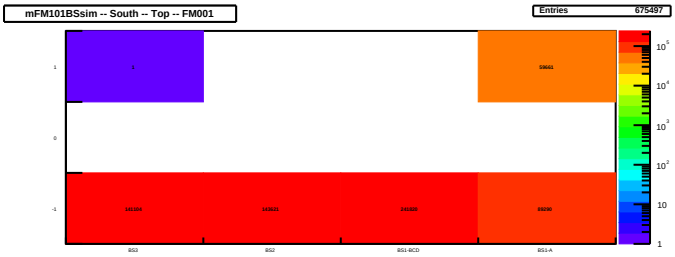

mFM101BS -- South -- Top -- FM001
Entries 4445776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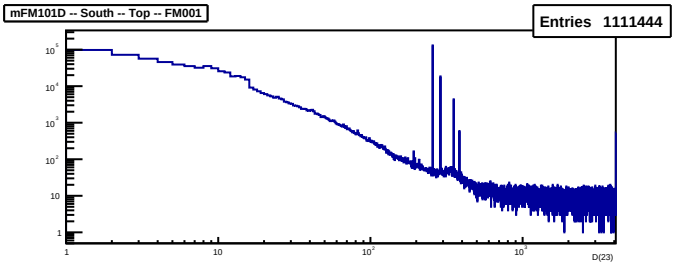
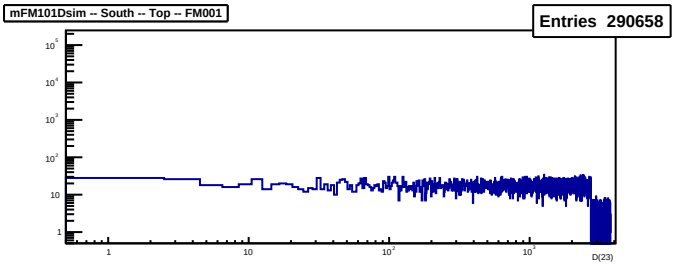

mFM101D -- South -- Top -- FM001
Entries 1111444
D(23)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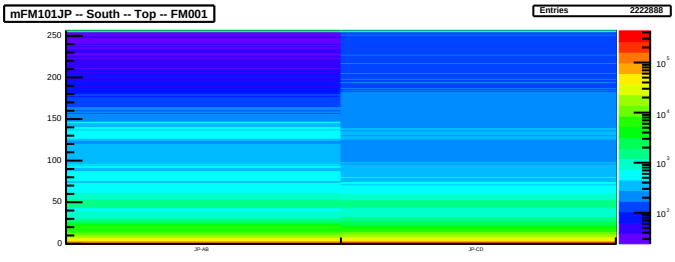
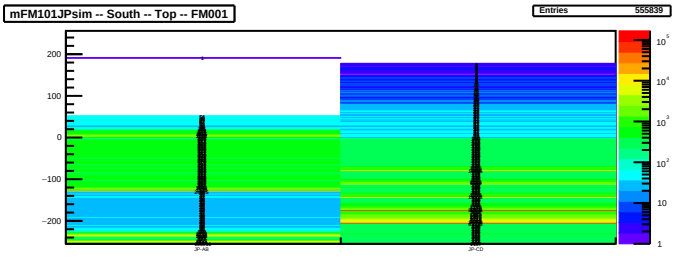
Entries 290658
D(23)


mFM101JP -- South -- Top -- FM001
Entries 2222888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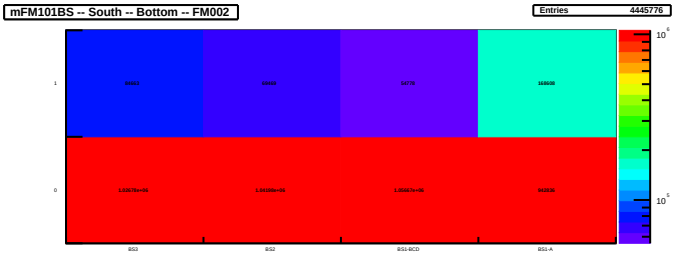
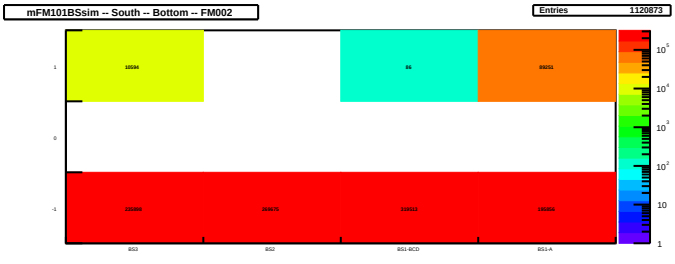
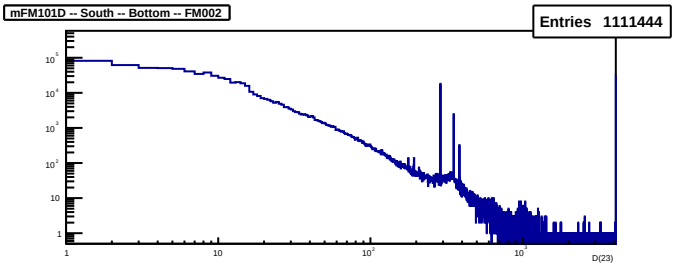
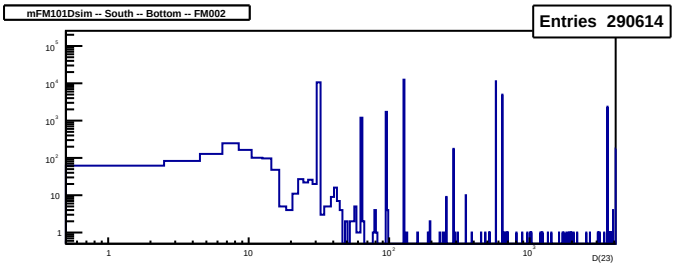
Entries 555839


mFM101BS -- South -- Bottom -- FM002
Entries 4445776


mFM101BSsim -- South -- Bottom -- FM002
Entries 1120873


mFM101D -- South -- Bottom -- FM002
Entries 1111444
D(23)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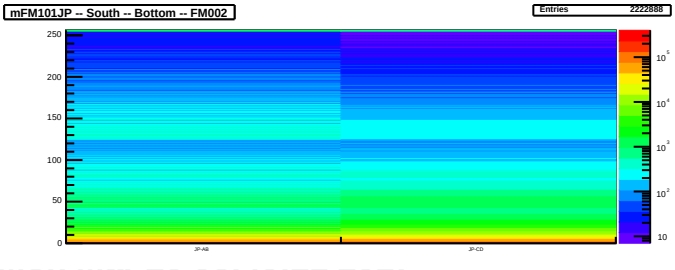
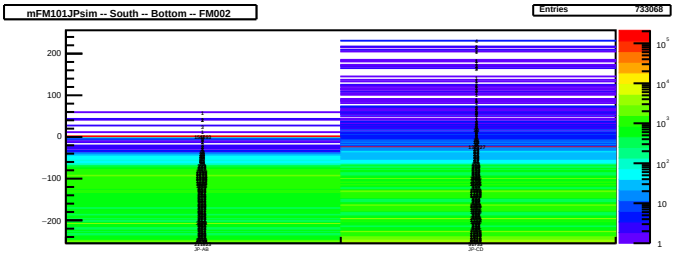
Entries 290614
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 2222888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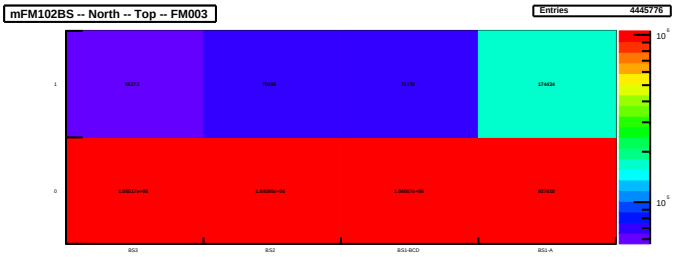

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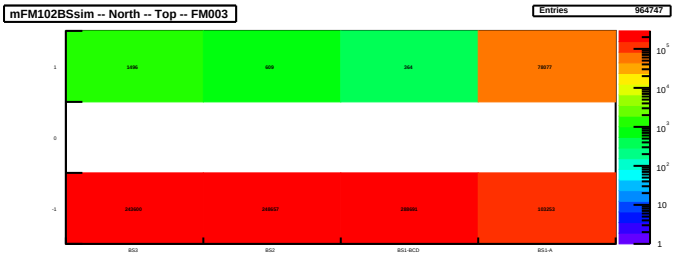

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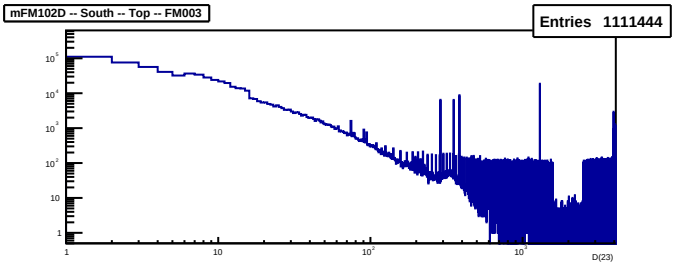

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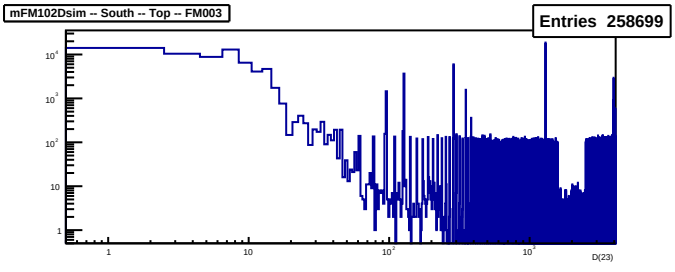

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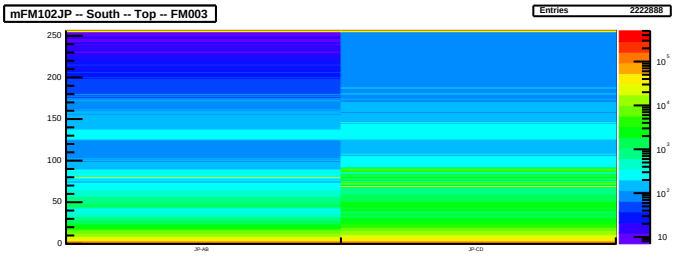

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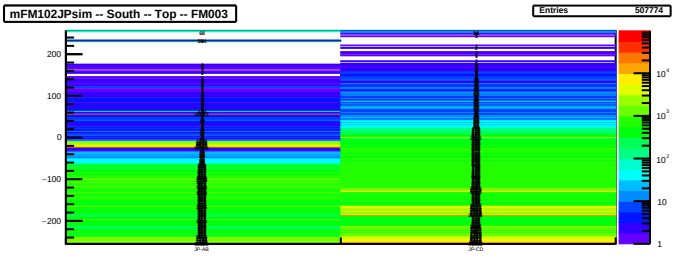

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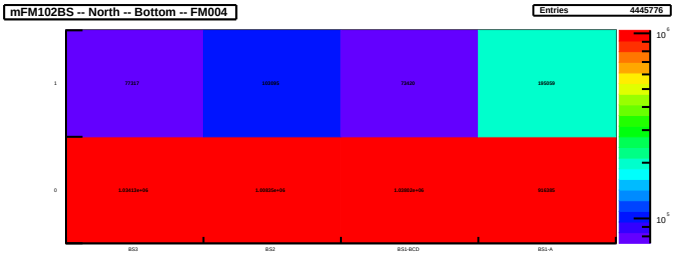

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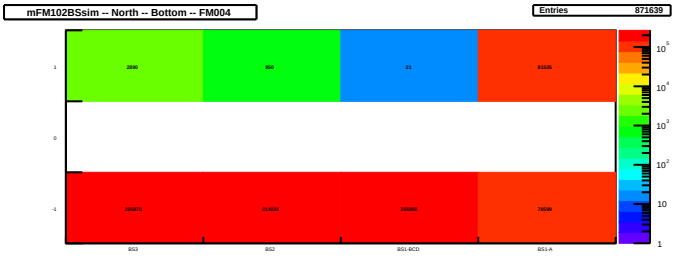

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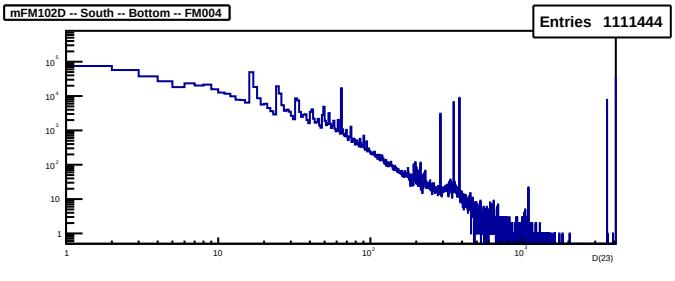

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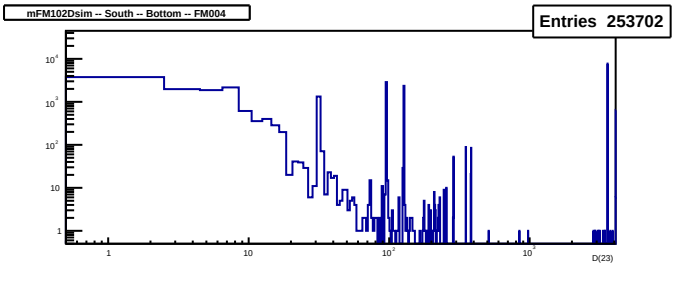

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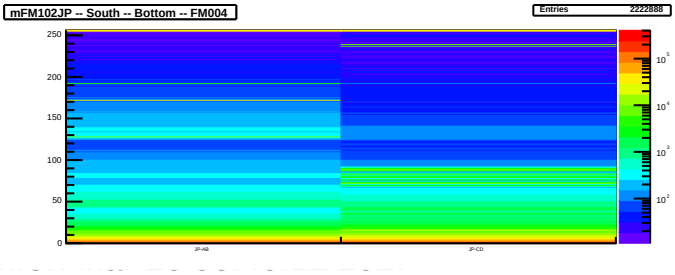

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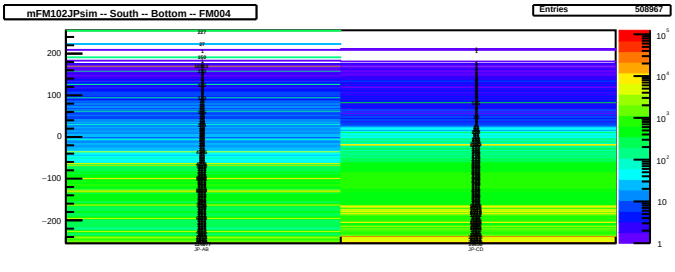
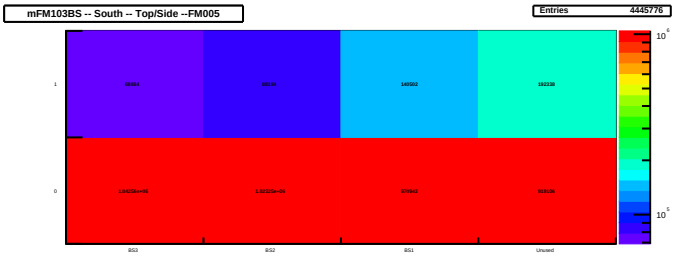
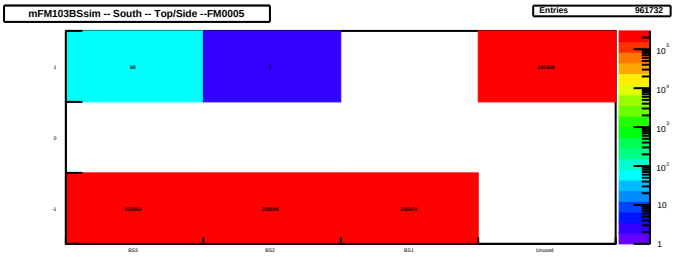



mFM103BS -- South -- Top/Side --FM005
Entries 4445776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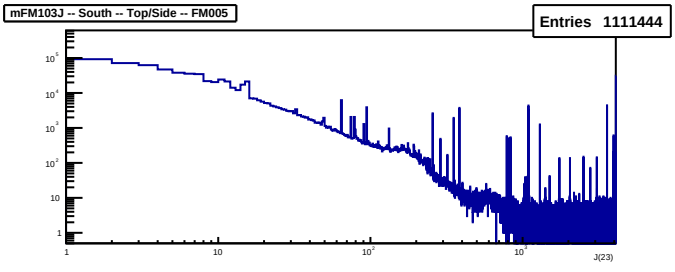
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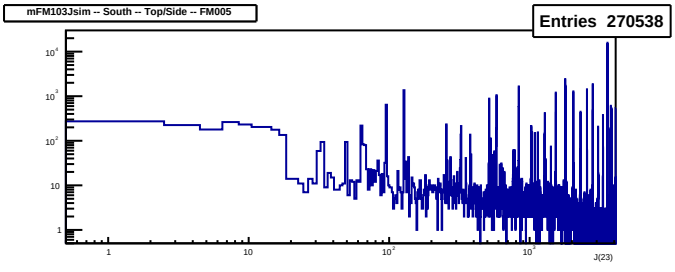
Entries 1111444
J(23)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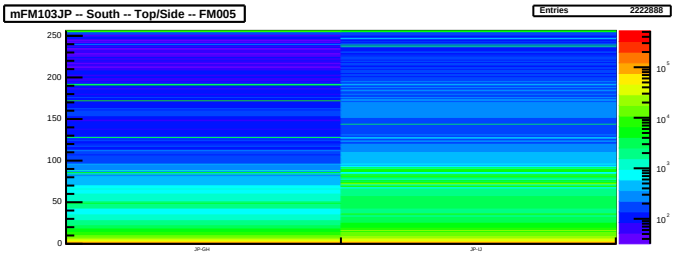
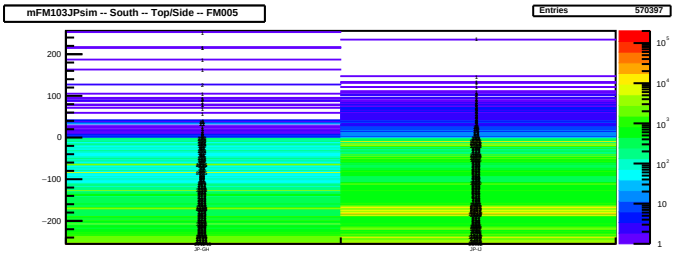
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 2222888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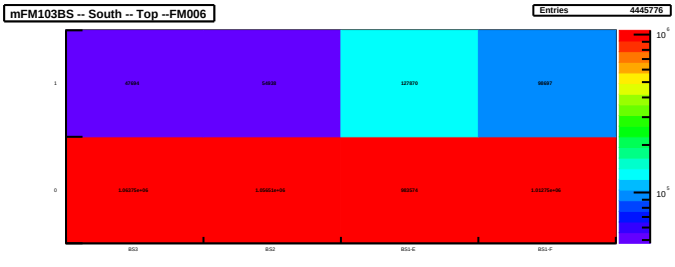
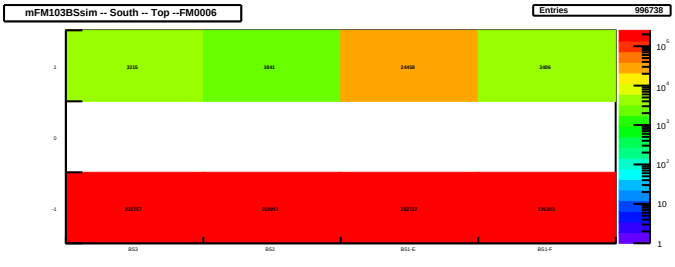
Entries 570397


mFM103BS -- South -- Top --FM006
Entries 4445776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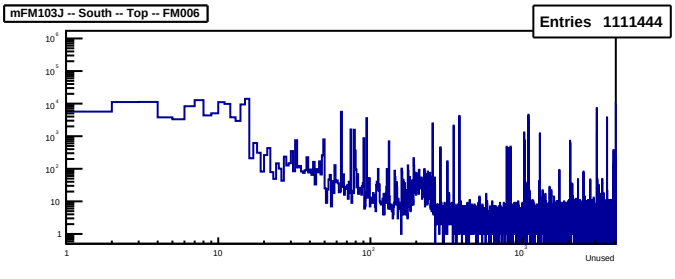
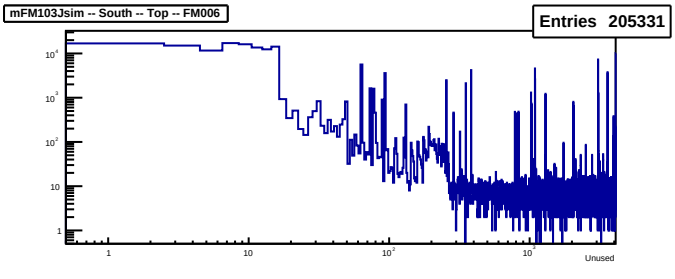
Entries 996738


mFM103J -- South -- Top -- FM006
Entries 1111444
Unused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Entries 205331
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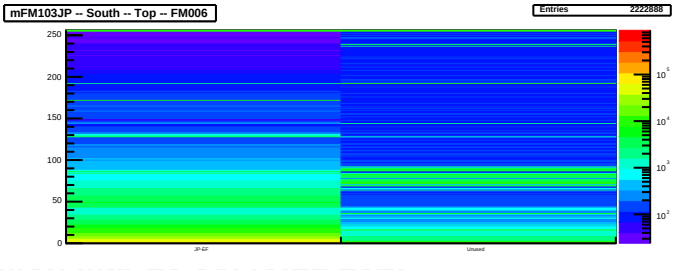
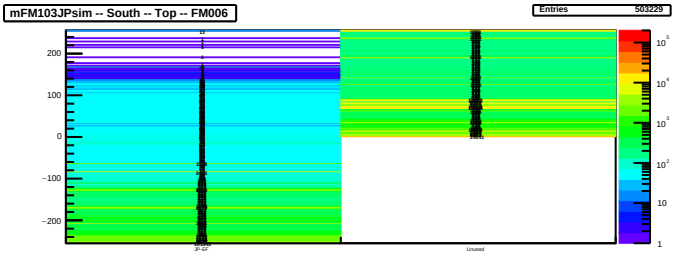

mFM103JP -- South -- Top -- FM006
Entries 2222888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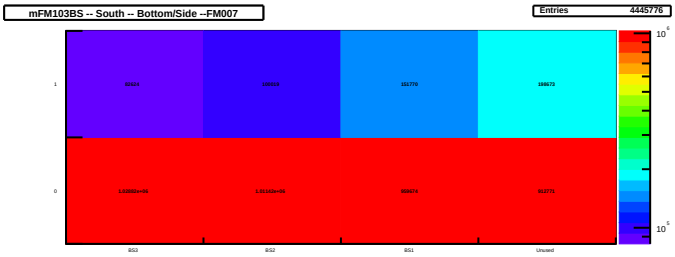
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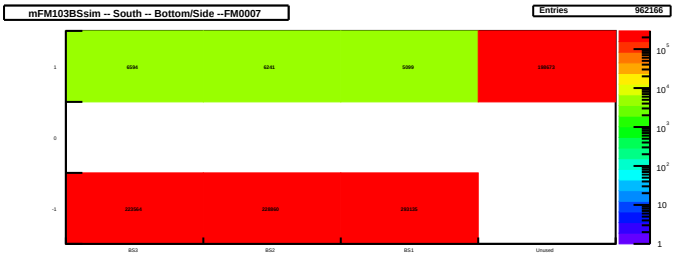
Entries 4445776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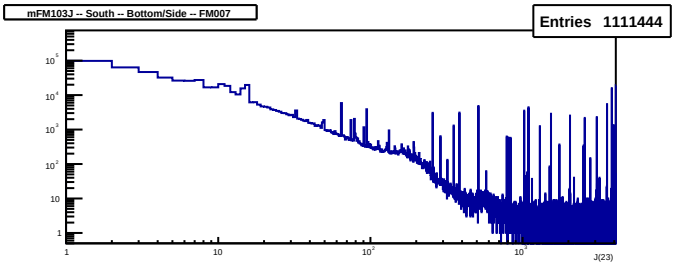
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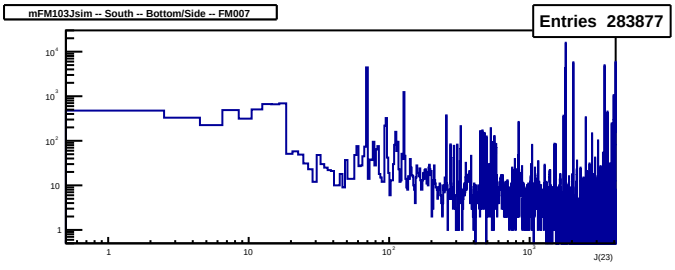
Entries 1111444
J(23)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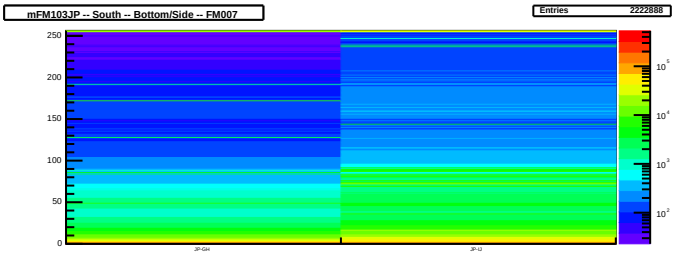
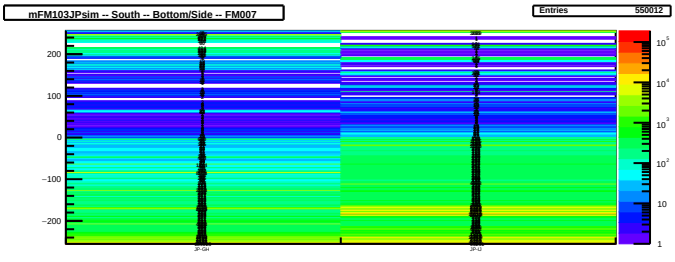
Entries 283877
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 2222888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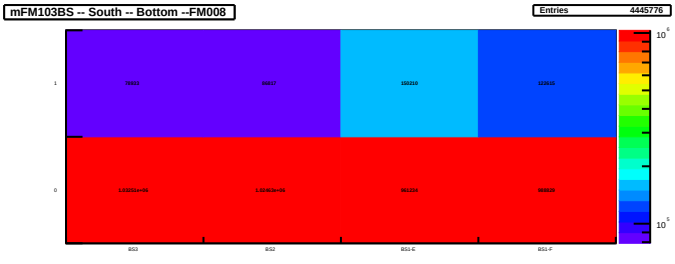
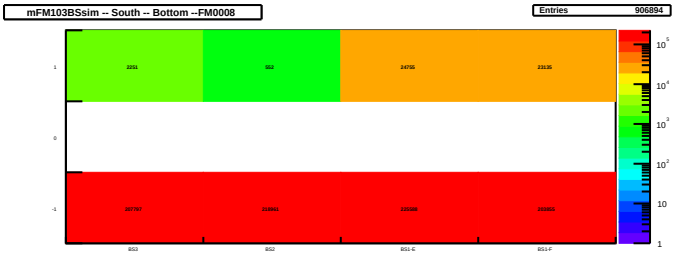
Entries 550012


mFM103BS -- South -- Bottom --FM008
Entries 4445776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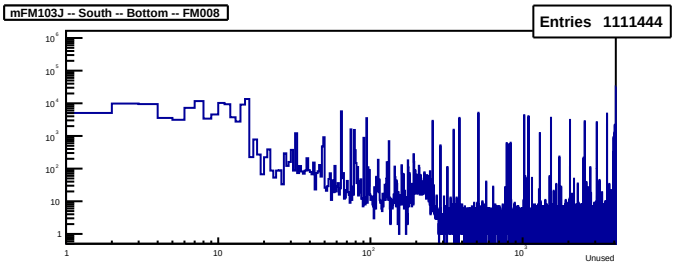
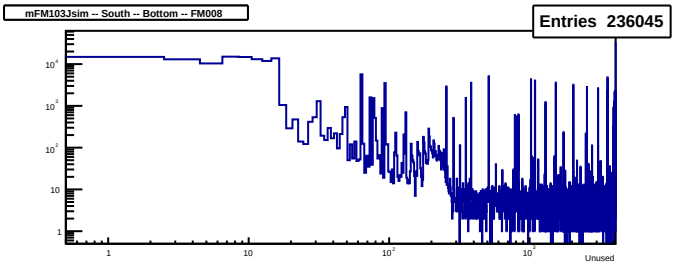

mFM103J -- South -- Bottom -- FM008
Entries 1111444
Unused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Entries 236045
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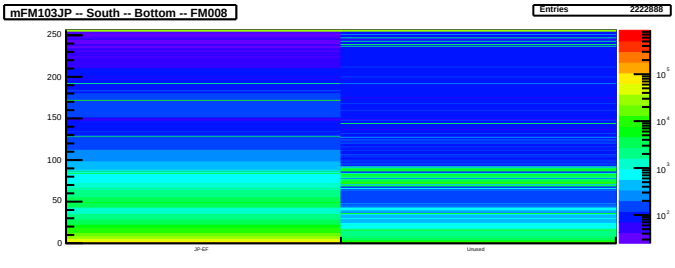
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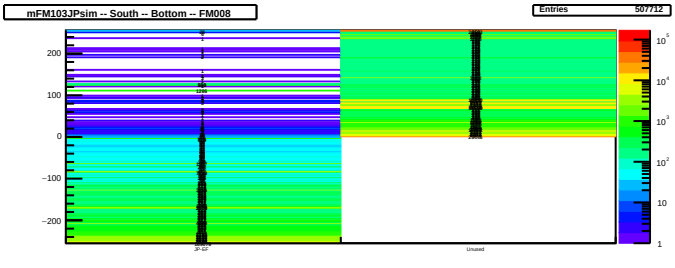
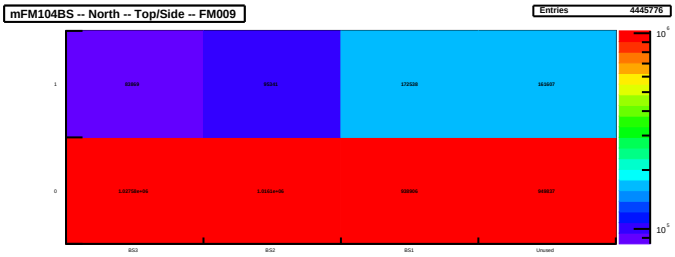
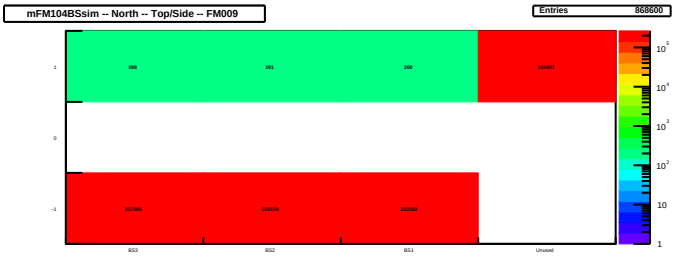
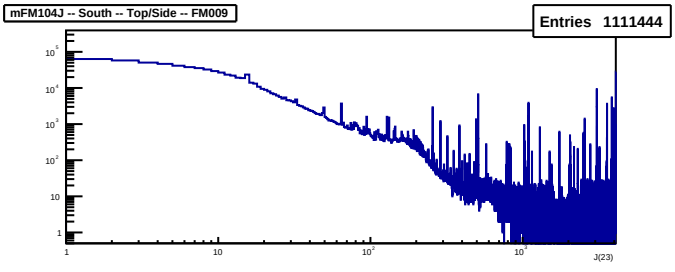
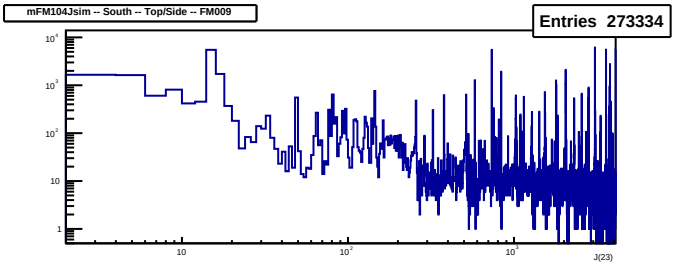
Entries 2222888

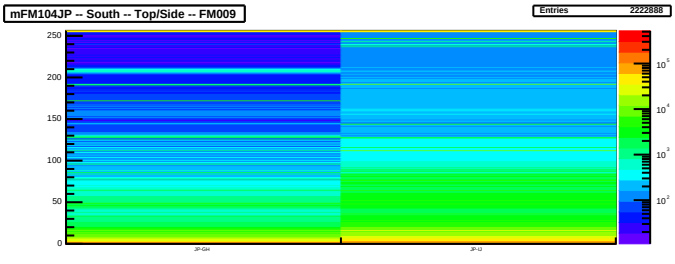

mFM103JPsim -- South -- Bottom -- FM008
Entries 507712

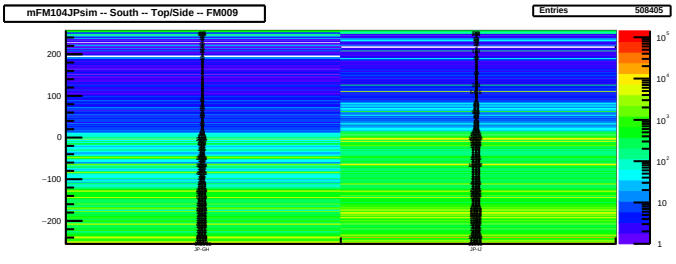

mFM104BS -- North -- Top/Side -- FM009
Entries 4445776

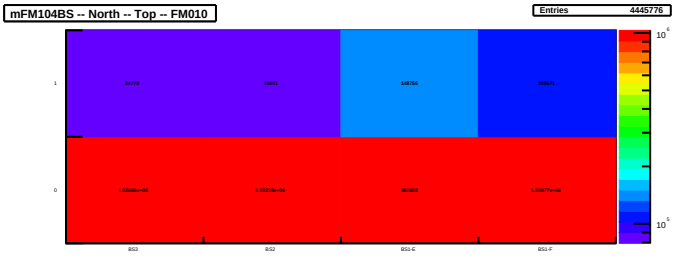

mFM104BSsim -- North -- Top/Side -- FM009
Entries 868600

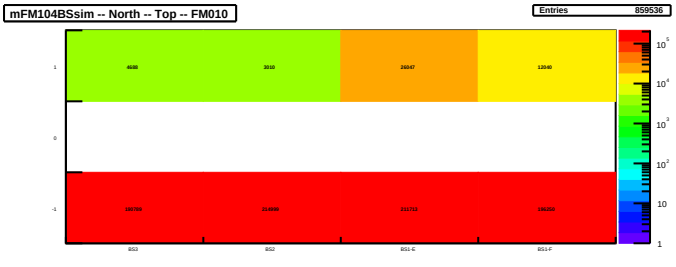

mFM104J -- South -- Top/Side -- FM009
Entries 1111444
J(23)

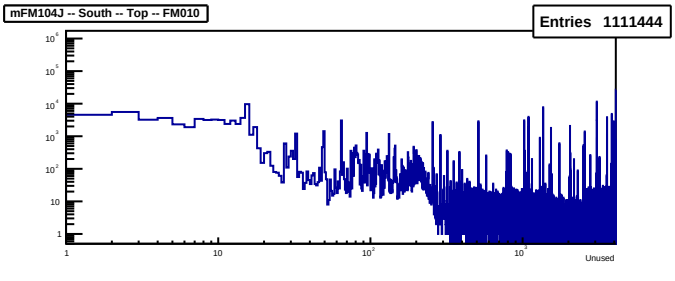

mFM104Jsim -- South -- Top/Side -- FM009
Entries 273334
J(23)

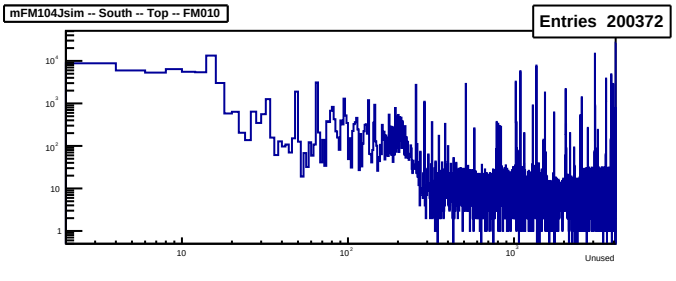

mFM104JP -- South -- Top/Side -- FM009
Entries 2222888

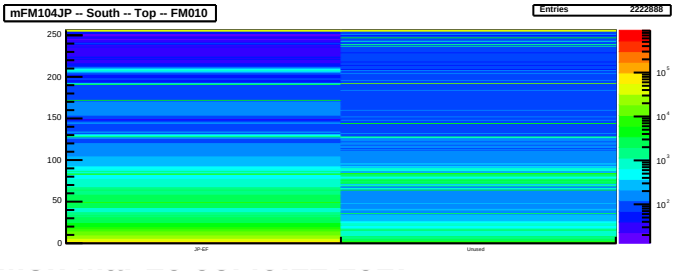

mFM104JPsim -- South -- Top/Side -- FM009
Entries 508405

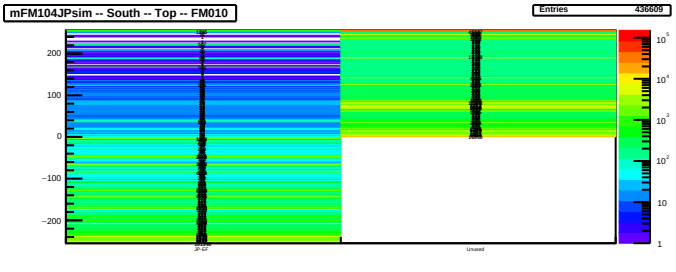

mFM104BS -- North -- Top -- FM010
Entries 4445776

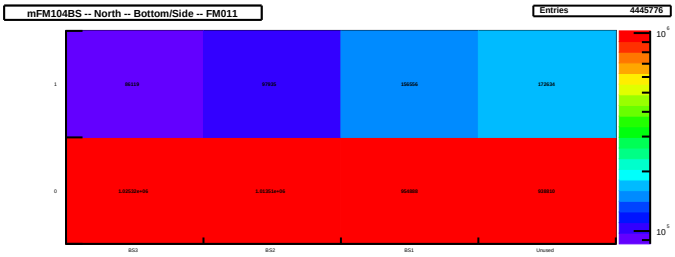

mFM104BSsim -- North -- Top -- FM010
Entries 859536

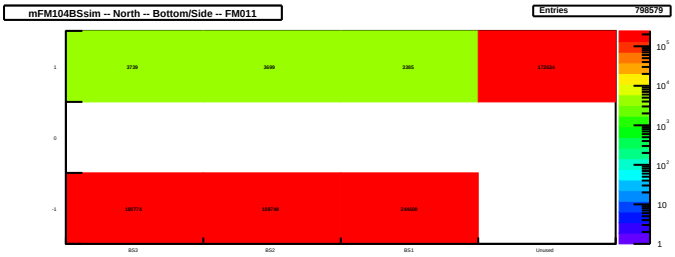

mFM104J -- South -- Top -- FM010
Entries 1111444
Unused

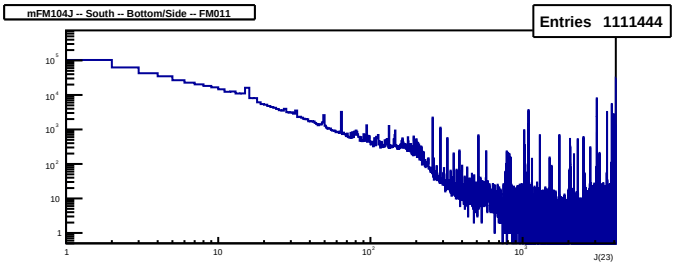

mFM104Jsim -- South -- Top -- FM010
Entries 200372
Unused

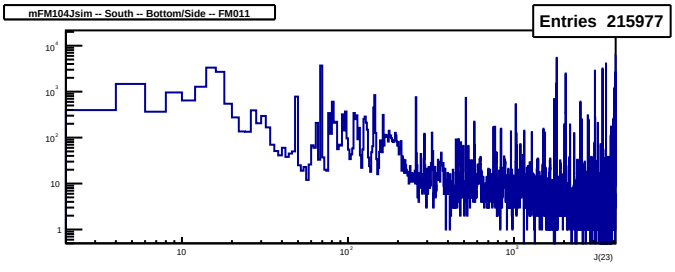

mFM104JP -- South -- Top -- FM010
Entries 2222888

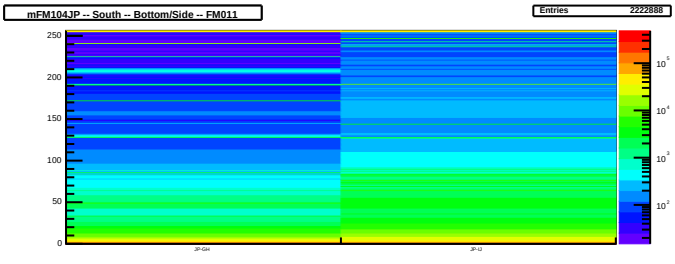

mFM104JPsim -- South -- Top -- FM010
Entries 436609

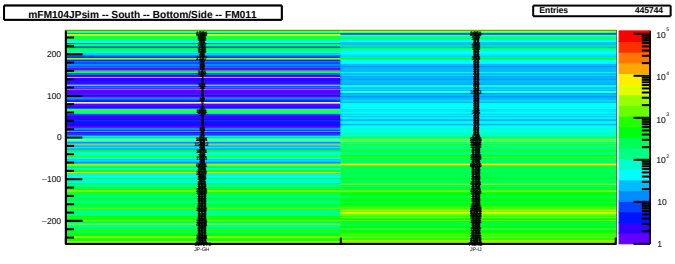

mFM104BS -- North -- Bottom/Side -- FM011
Entries 4445776

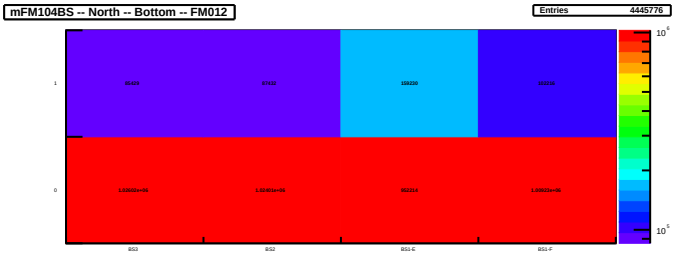

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 798579

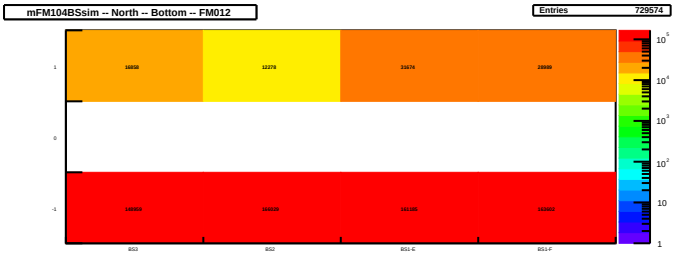

mFM104J -- South -- Bottom/Side -- FM011
Entries 1111444
J(23)

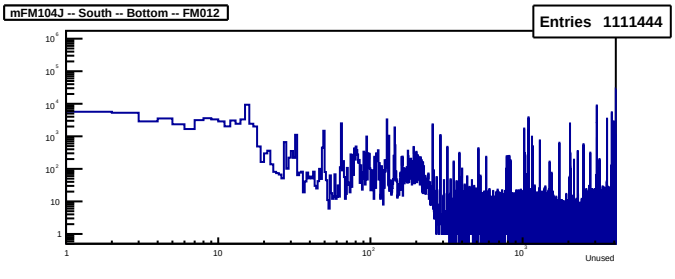

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 215977
J(23)

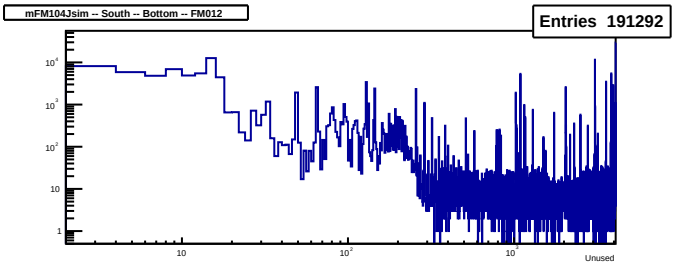

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2222888

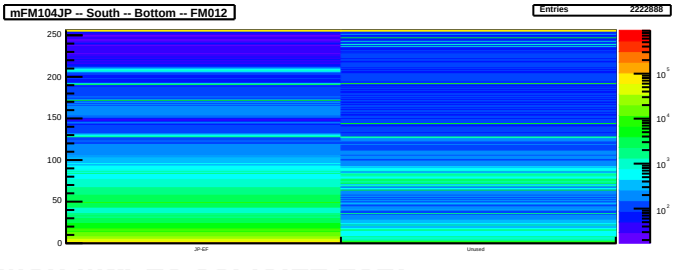

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 445744

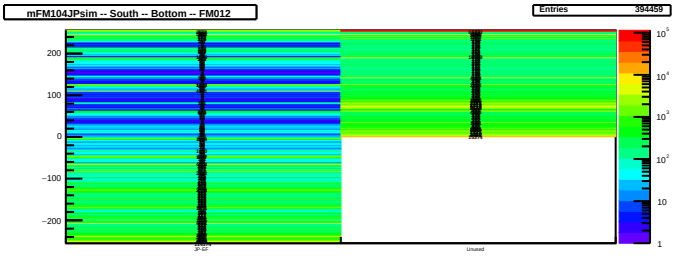

mFM104BS -- North -- Bottom -- FM012
Entries 4445776

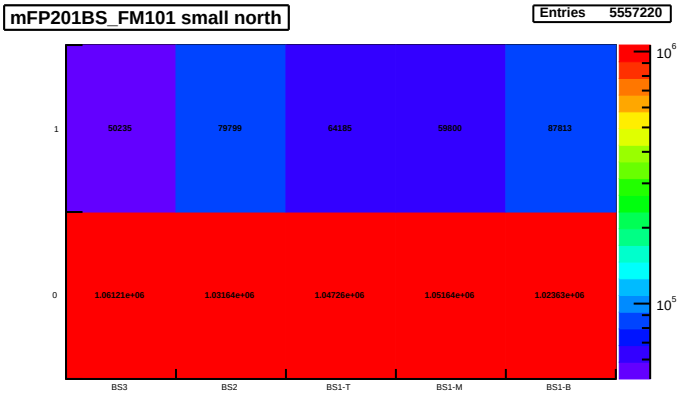

mFM104BSsim -- North -- Bottom -- FM012
Entries 729574

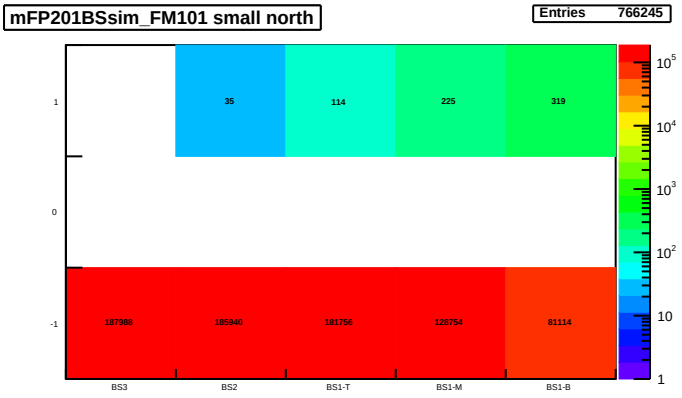

mFM104J -- South -- Bottom -- FM012
Entries 1111444
Unused

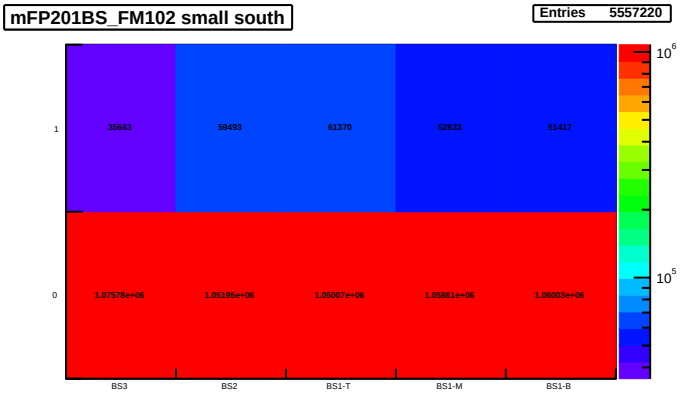

mFM104Jsim -- South -- Bottom -- FM012
Entries 191292
Unused

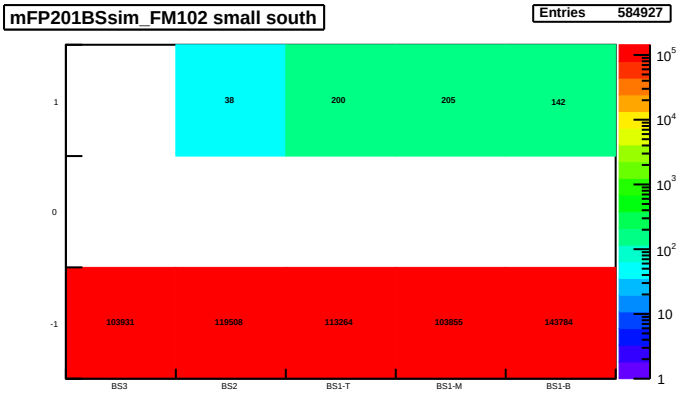

mFM104JP -- South -- Bottom -- FM012
Entries 2222888

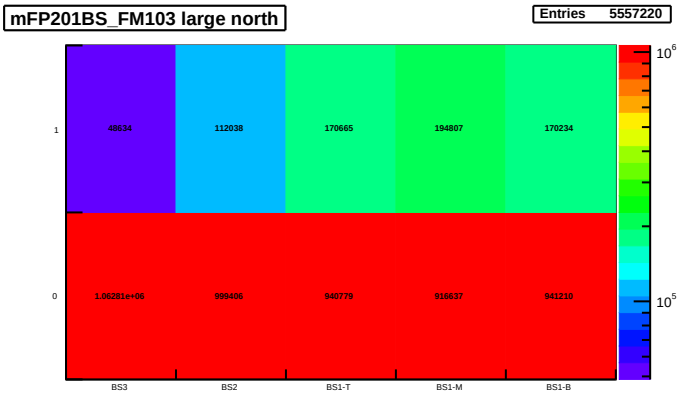

mFM104JPsim -- South -- Bottom -- FM012
Entries 394459

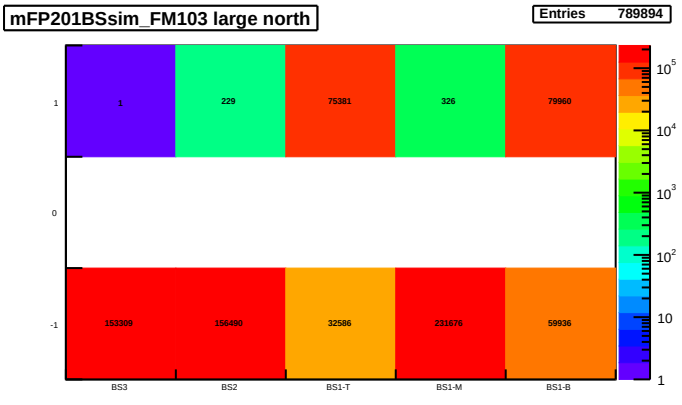

mFP201BS_FM101 small north
Entries 5557220
50235
79799
64185
59800
87813
1.06121e+06
1.03164e+06
1.04726e+06
1.05164e+06
1.02363e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

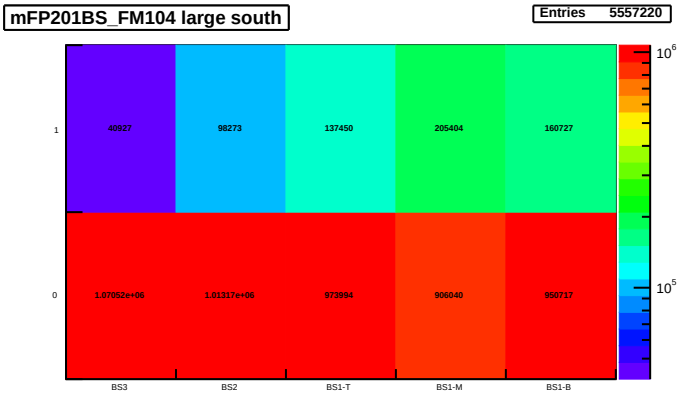

mFP201BSsim_FM101 small north
Entries 766245
35
114
225
319
187988
185940
181756
128754
81114
BS3
BS2
BS1-T
BS1-M
BS1-B

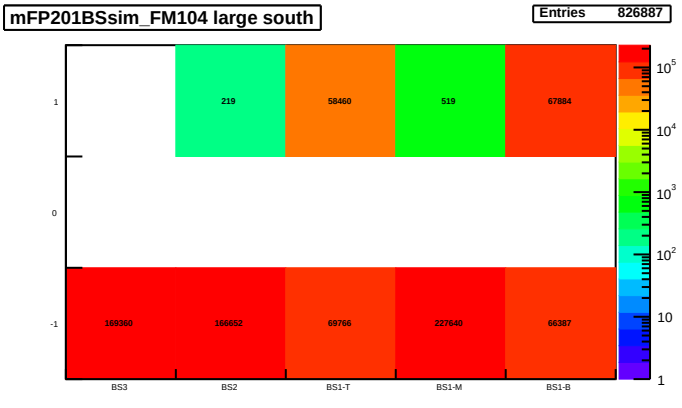

mFP201BS_FM102 small south
Entries 5557220
35663
59493
61370
52833
51417
1.07578e+06
1.05195e+06
1.05007e+06
1.05861e+06
1.06003e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

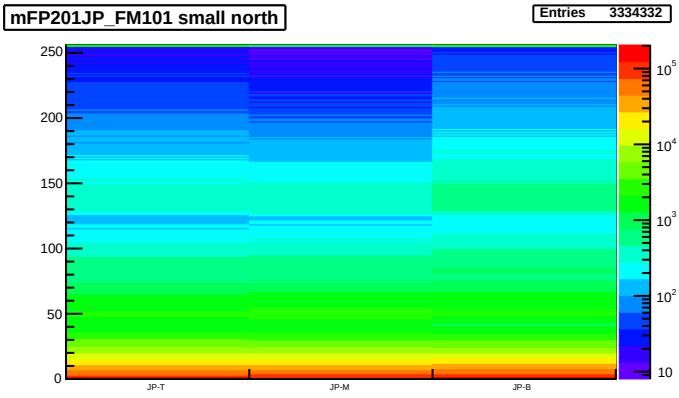

mFP201BSsim_FM102 small south
Entries 584927
38
200
205
142
103931
119508
113264
103855
143784
BS3
BS2
BS1-T
BS1-M
BS1-B

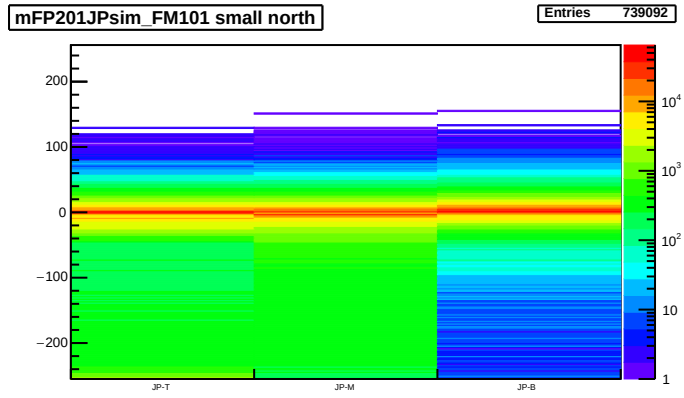

mFP201BS_FM103 large north
Entries 5557220
48634
112038
170665
194807
170234
1.06281e+06
999406
940779
916637
941210
BS3
BS2
BS1-T
BS1-M
BS1-B

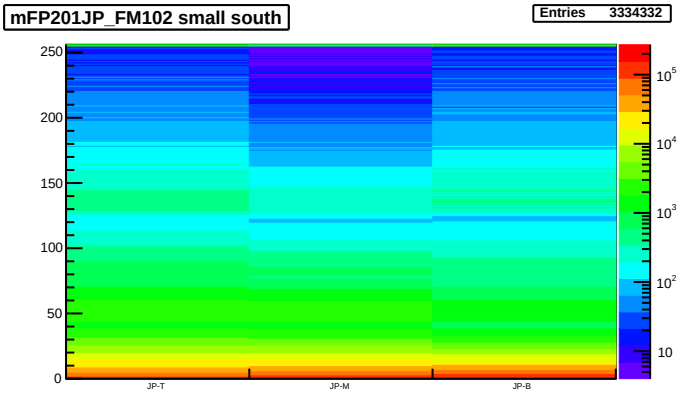

mFP201BSsim_FM103 large north
Entries 789894
1
229
75381
326
79960
153309
156490
32586
231676
59936
BS3
BS2
BS1-T
BS1-M
BS1-B

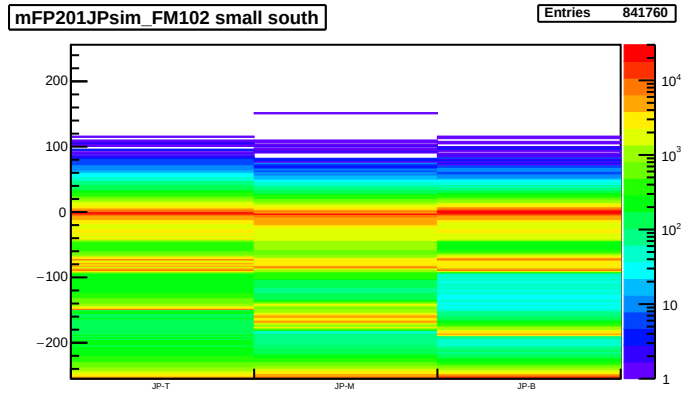

mFP201BS_FM104 large south
Entries 5557220
40927
98273
137450
205404
160727
1.07052e+06
1.01317e+06
973994
906040
950717
BS3
BS2
BS1-T
BS1-M
BS1-B

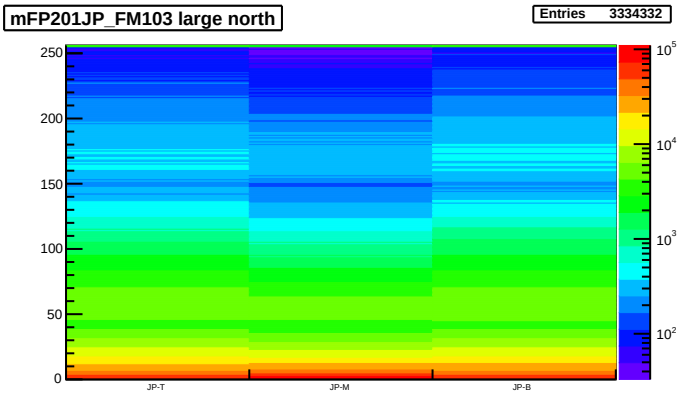

mFP201BSsim_FM104 large south
Entries 826887
219
58460
519
67884
169360
166652
69766
227640
66387
BS3
BS2
BS1-T
BS1-M
BS1-B

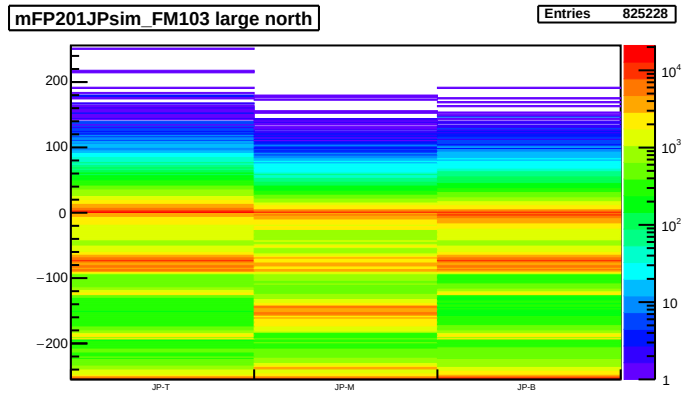

mFP201JP_FM101 small north
Entries 3334332
JP-T
JP-M
JP-B

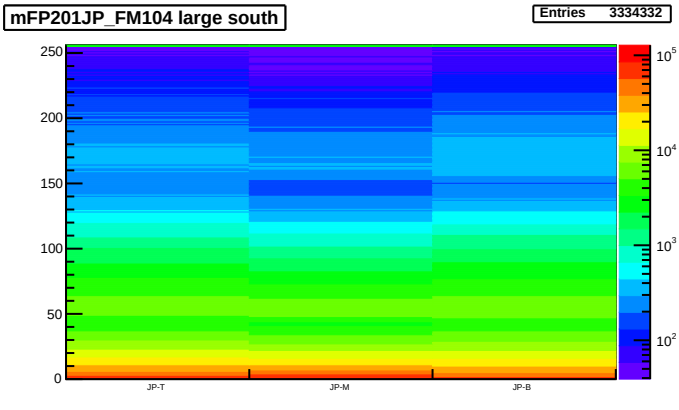

mFP201JPsim_FM101 small north
Entries 739092
JP-T
JP-M
JP-B

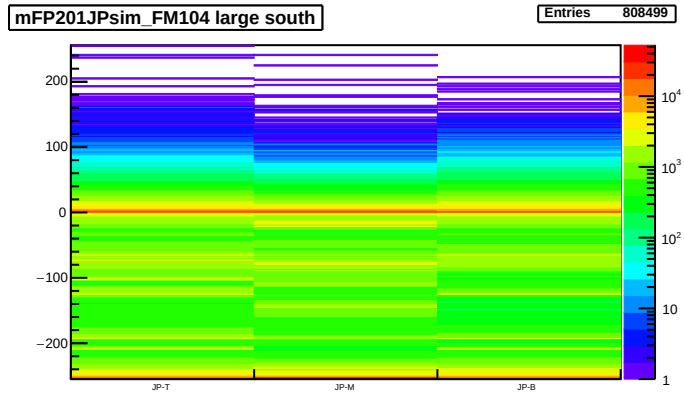

mFP201JP_FM102 small south
Entries 3334332
JP-T
JP-M
JP-B

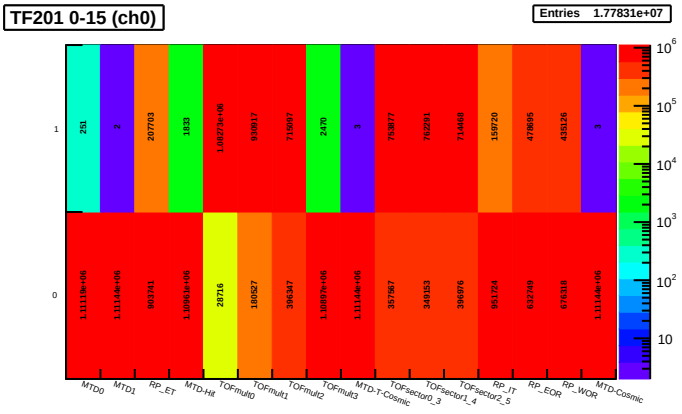

mFP201JPsim_FM102 small south
Entries 841760
JP-T
JP-M
JP-B

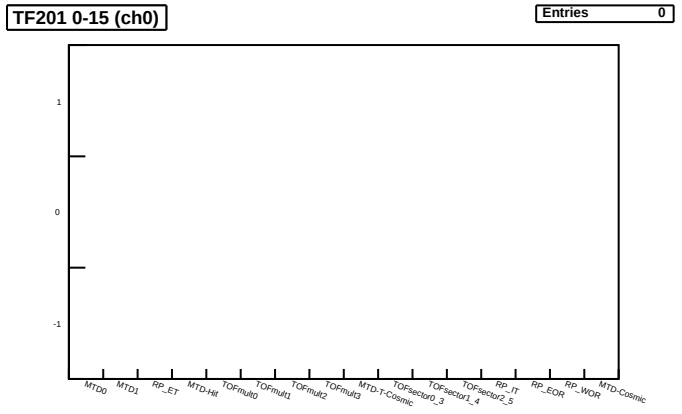

mFP201JP_FM103 large north
Entries 3334332
JP-T
JP-M
JP-B

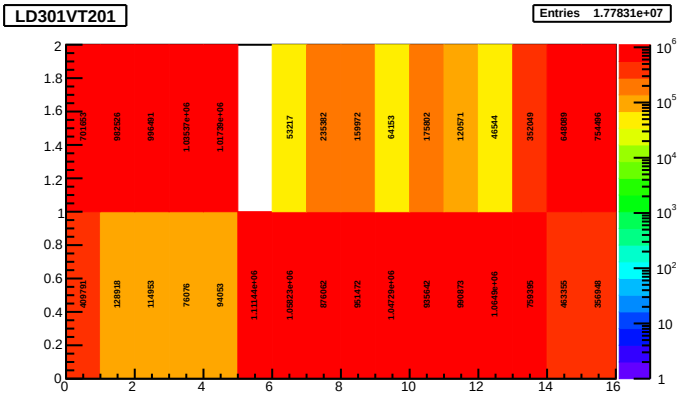

mFP201JPsim_FM103 large north
Entries 825228
JP-T
JP-M
JP-B

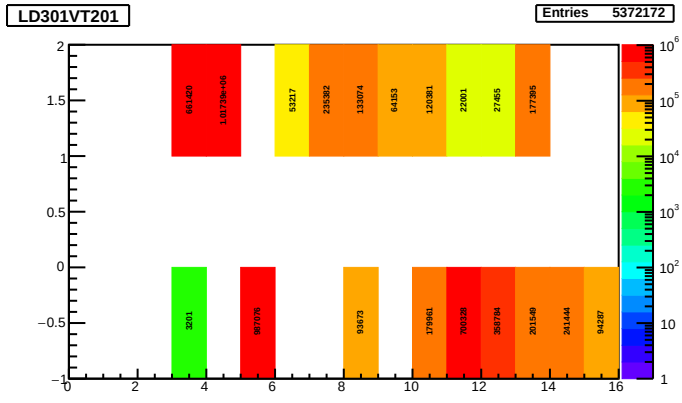

mFP201JP_FM104 large south
Entries 3334332
JP-T
JP-M
JP-B

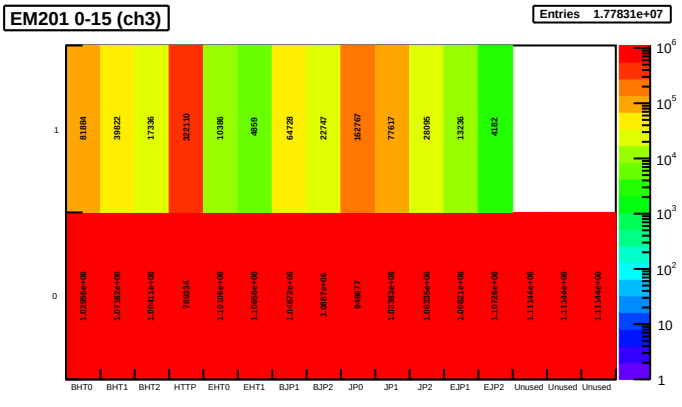

mFP201JPsim_FM104 large south
Entries 808499
JP-T
JP-M
JP-B

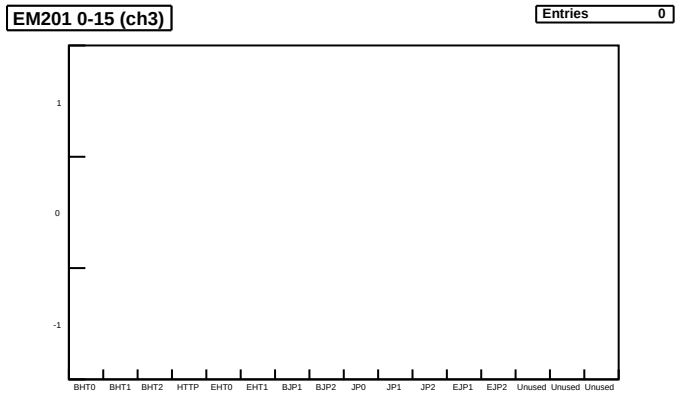

TF201 0-15 (ch0)
Entries 1.77831e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

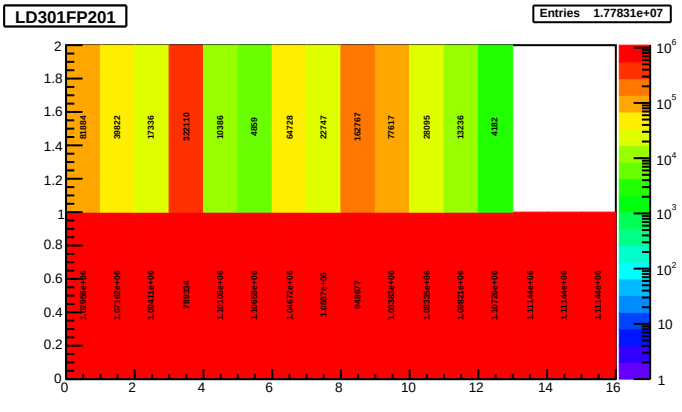

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

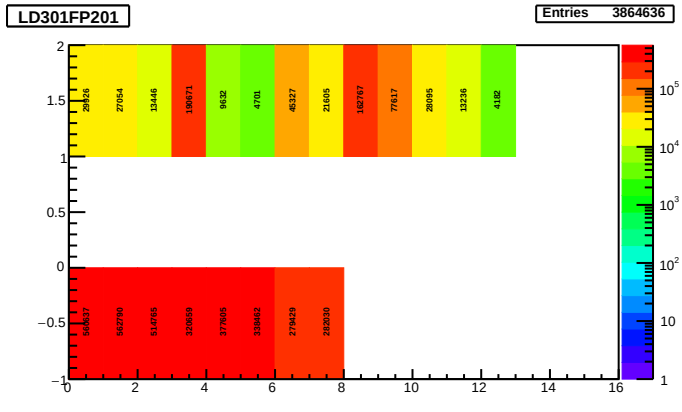

LD301VT201
Entries 1.77831e+07


LD301VT201
Entries 5372172


EM201 0-15 (ch3)
Entries 1.77831e+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 1.77831e+07


LD301FP201
Entries 3864636