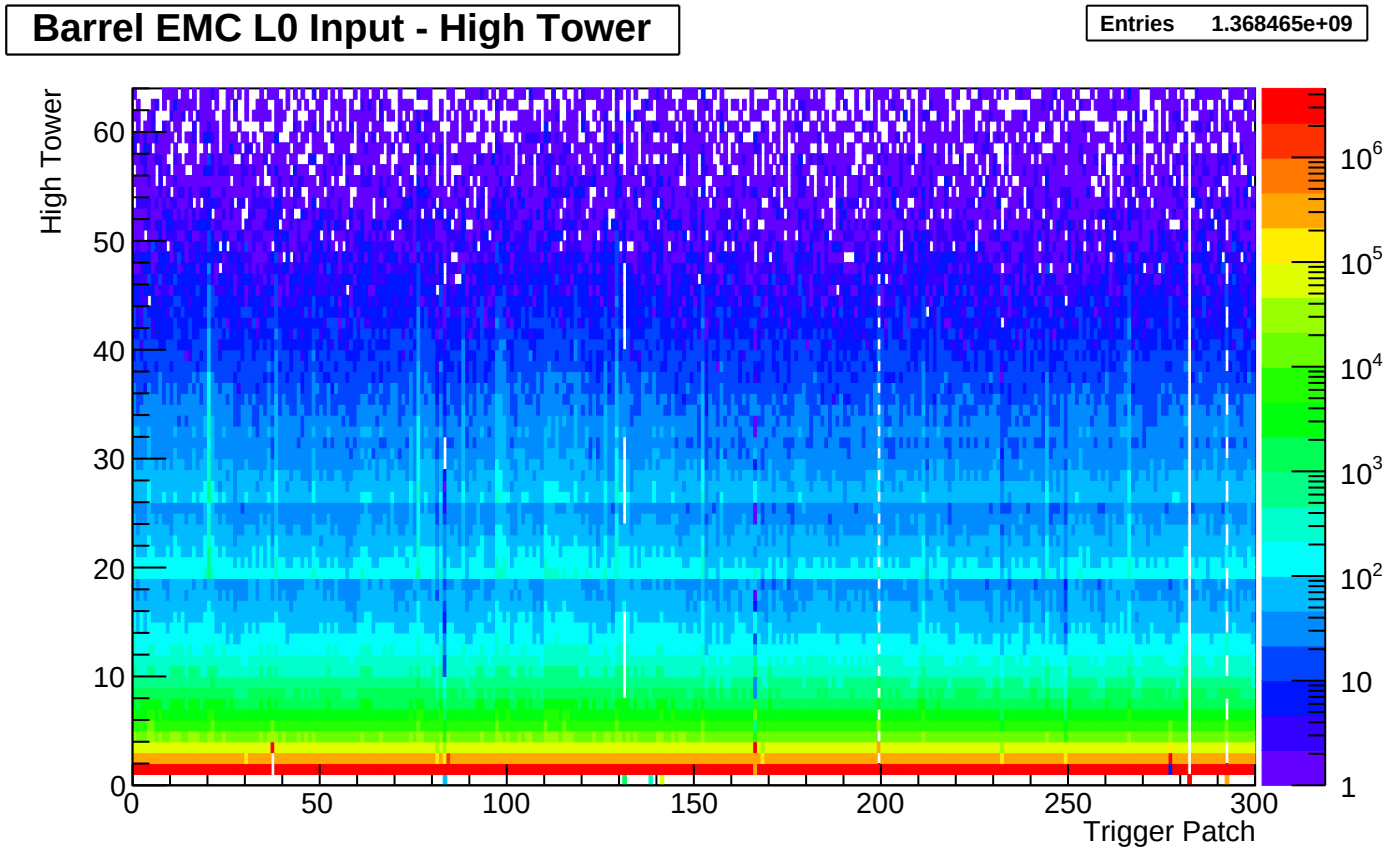
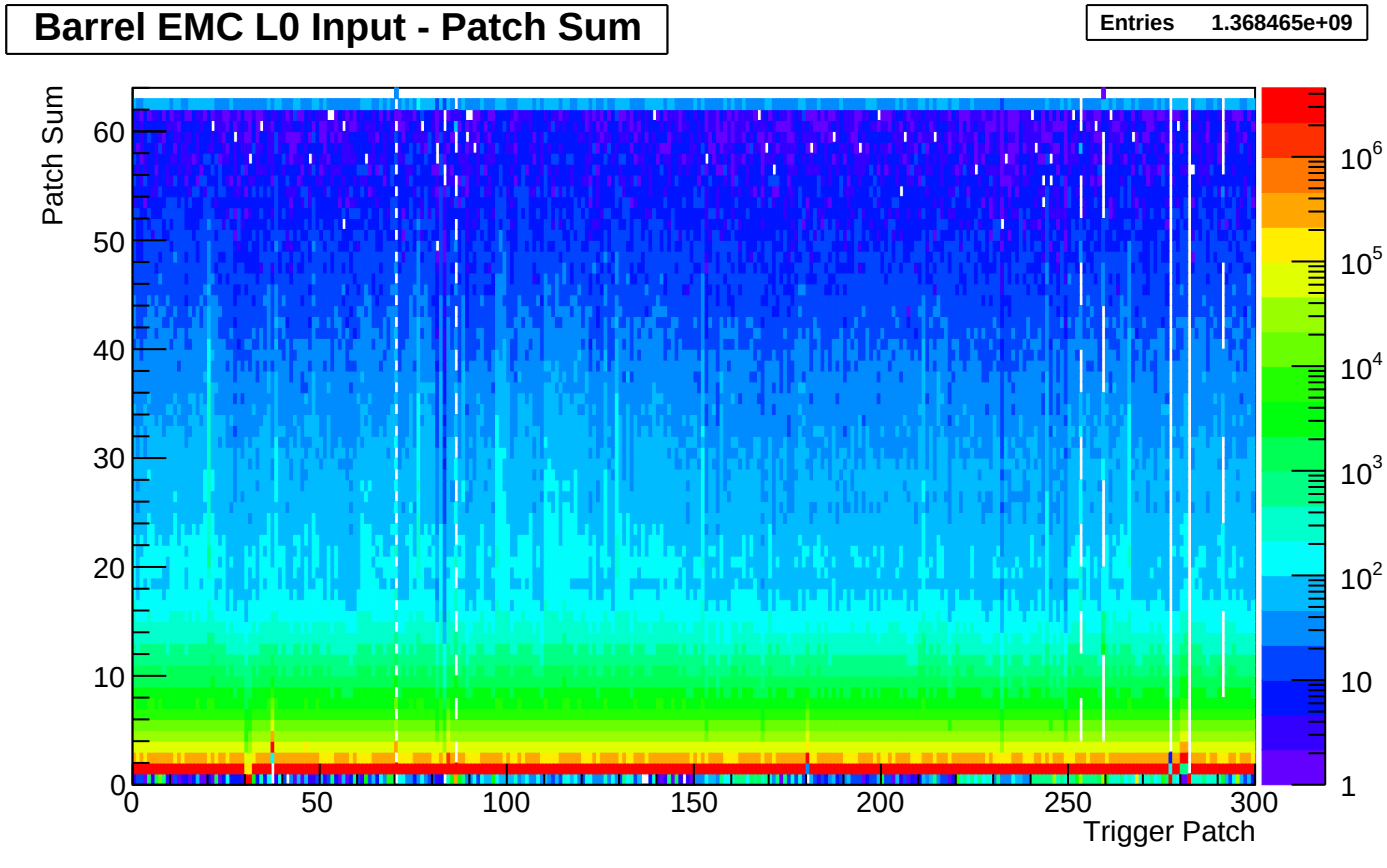
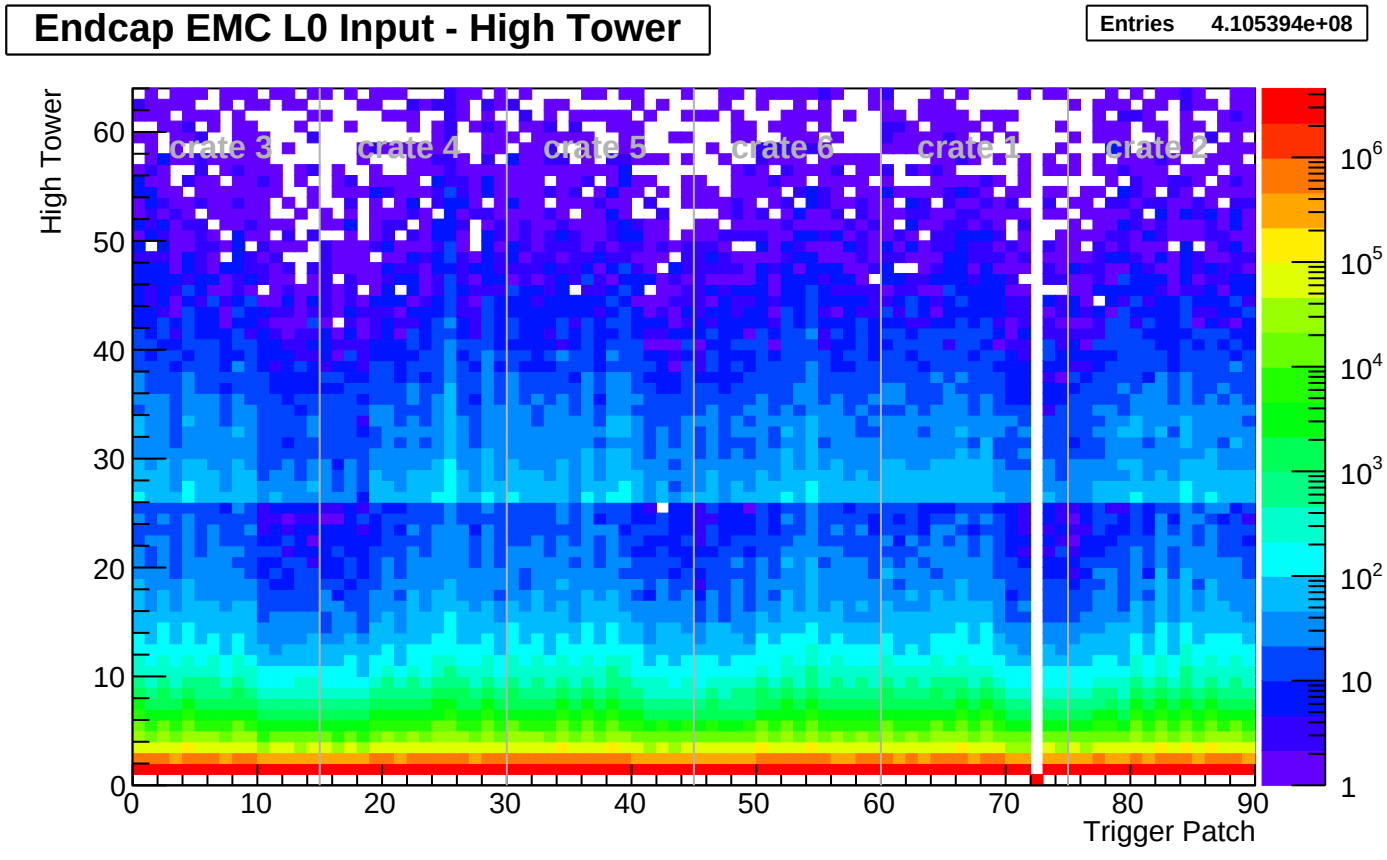
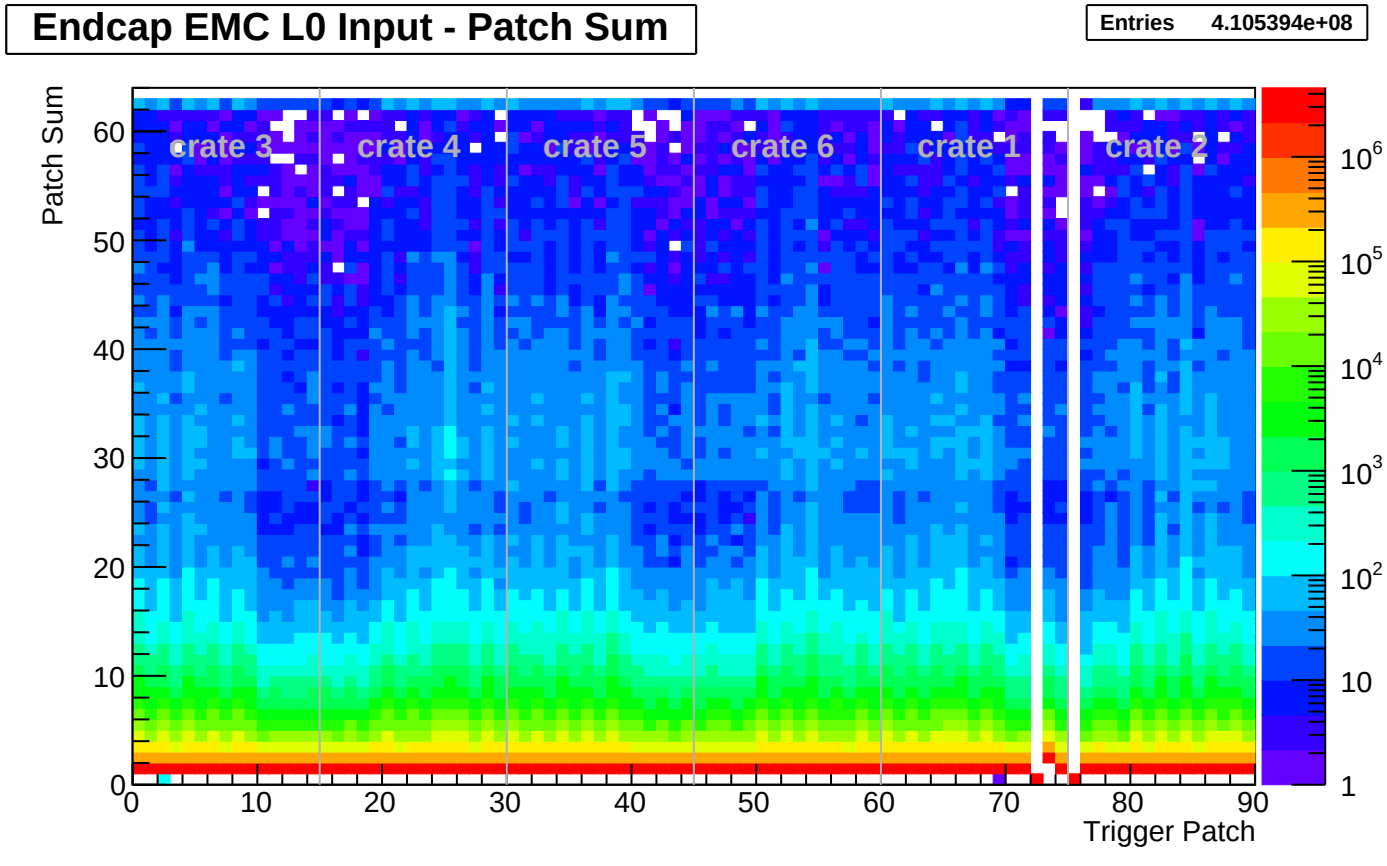
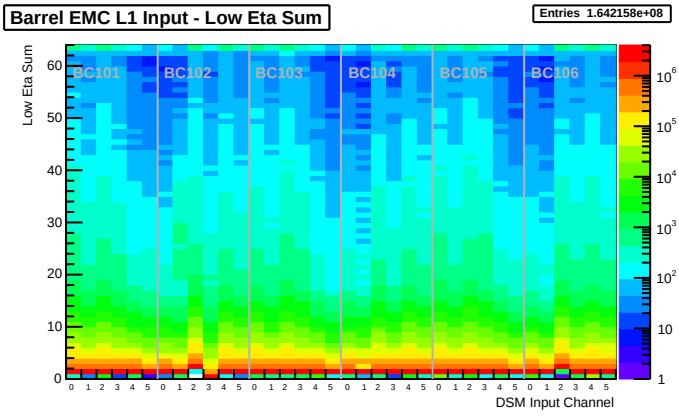
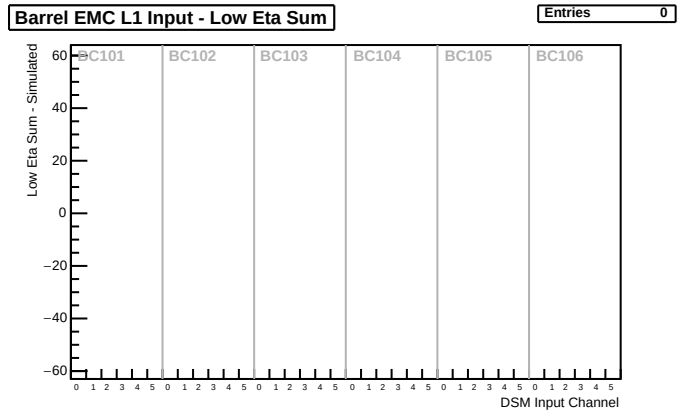

Barrel EMC L0 Input - High Tower
Entries 1.368465e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

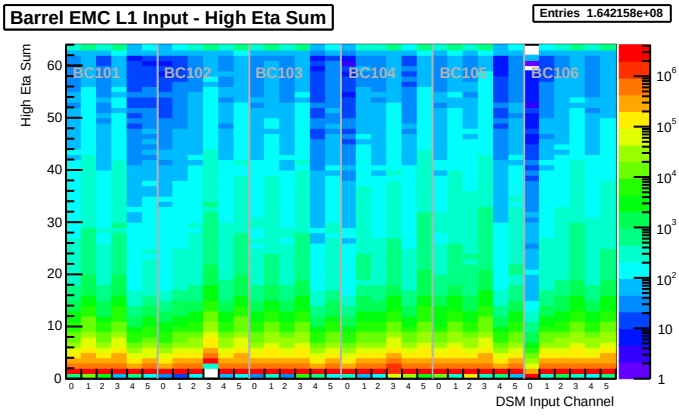

Barrel EMC L0 Input - Patch Sum
Entries 1.368465e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

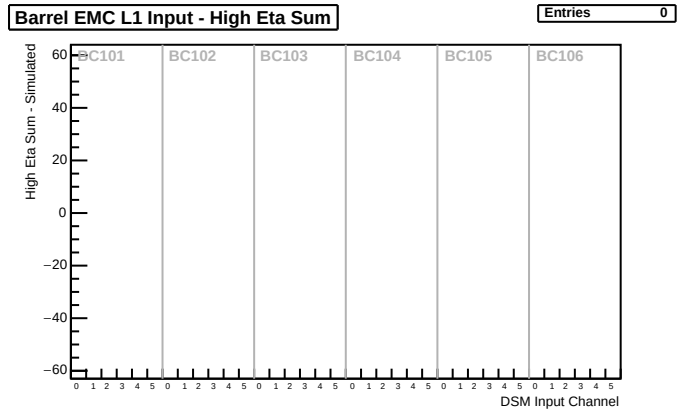

Endcap EMC L0 Input - High Tower
Entries 4.105394e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

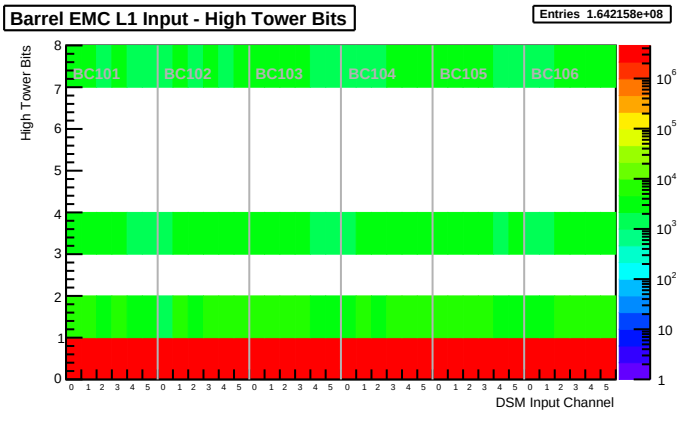

Endcap EMC L0 Input - Patch Sum
Entries 4.105394e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

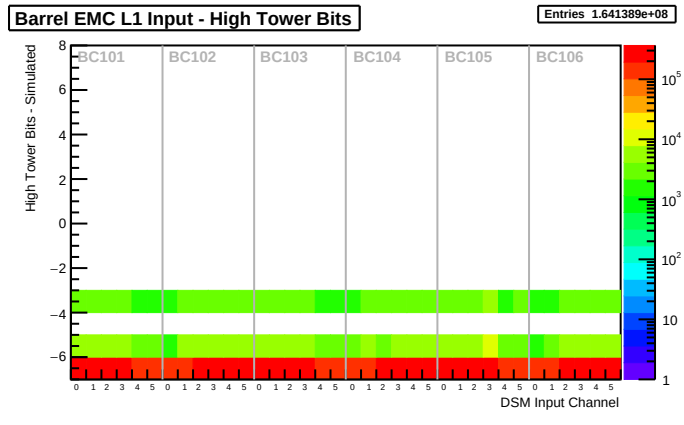

Barrel EMC L1 Input - Low Eta Sum
Entries 1.642158e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

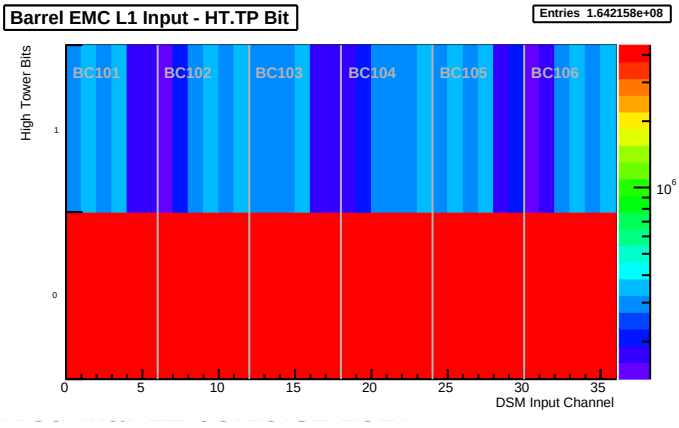

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

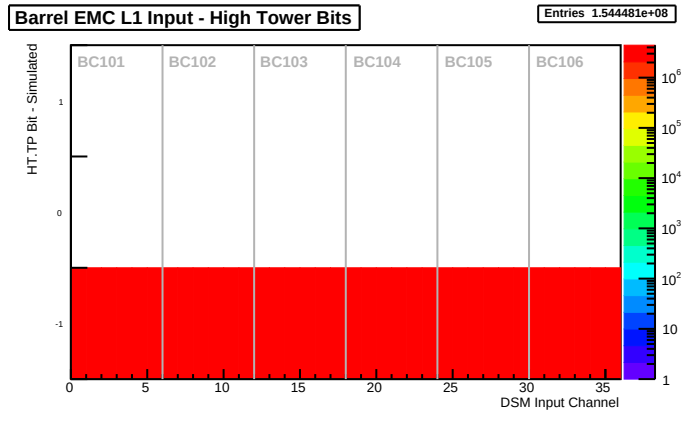

Barrel EMC L1 Input - High Eta Sum
Entries 1.642158e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

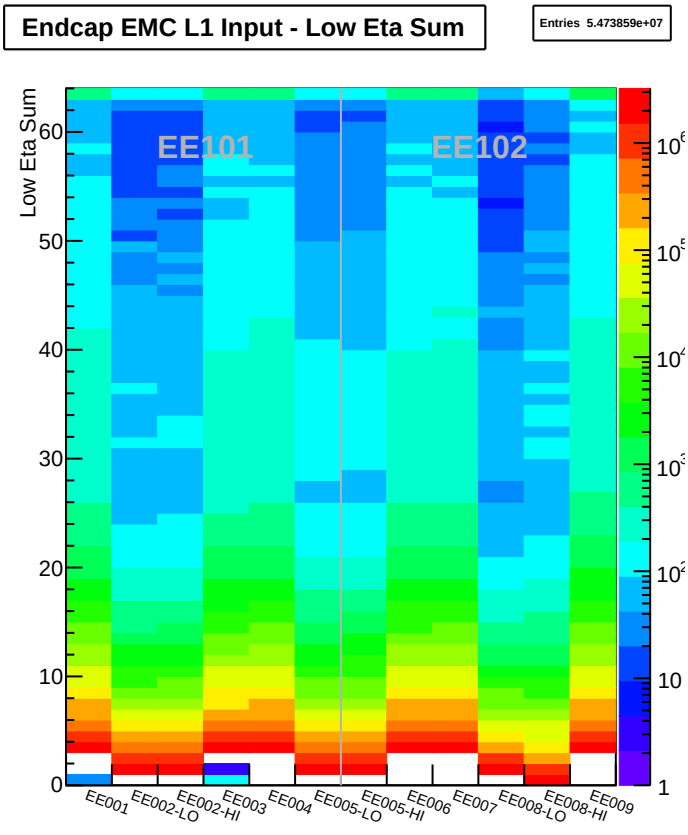

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

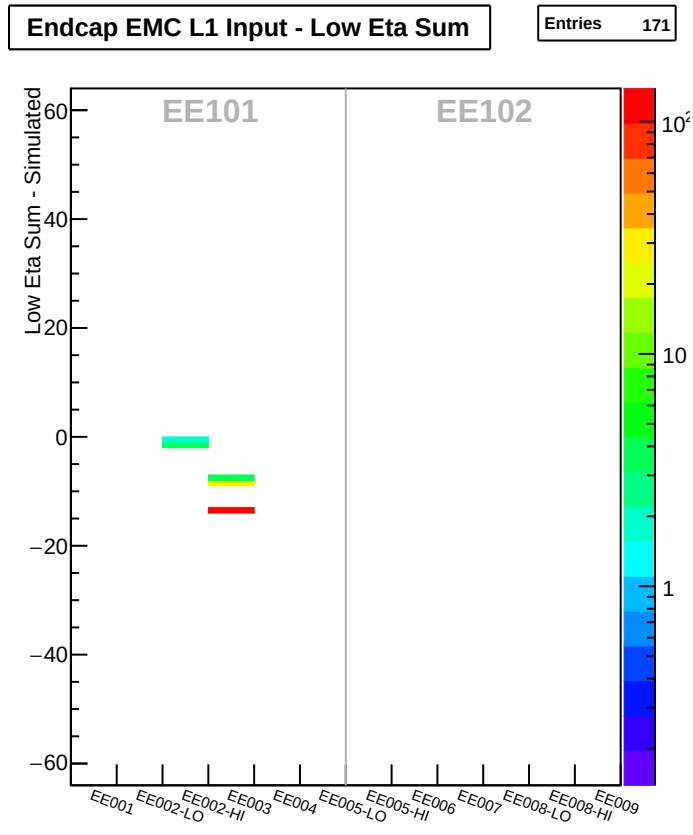

Barrel EMC L1 Input - High Tower Bits
Entries 1.642158e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

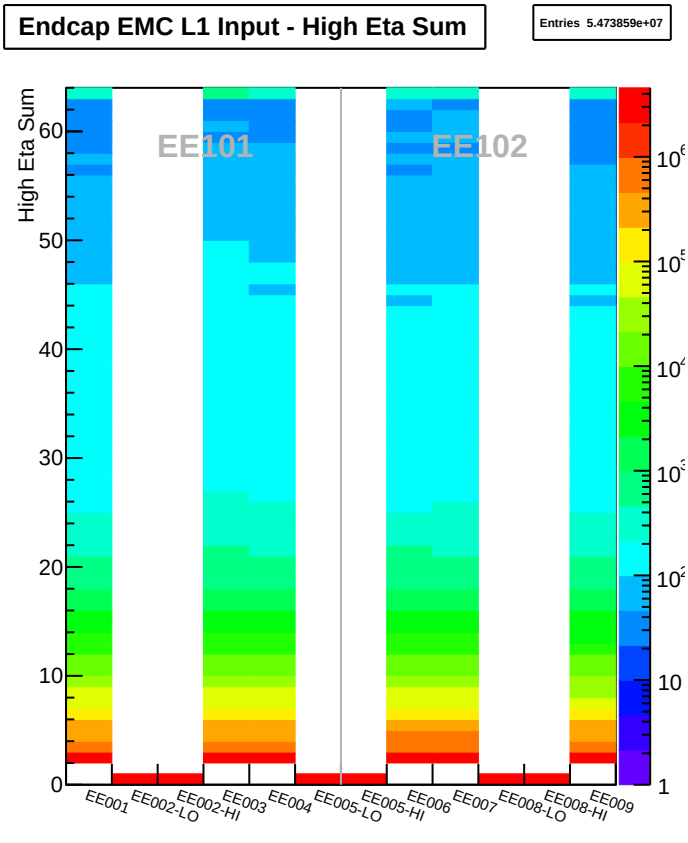

Barrel EMC L1 Input - High Tower Bits
Entries 1.641389e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

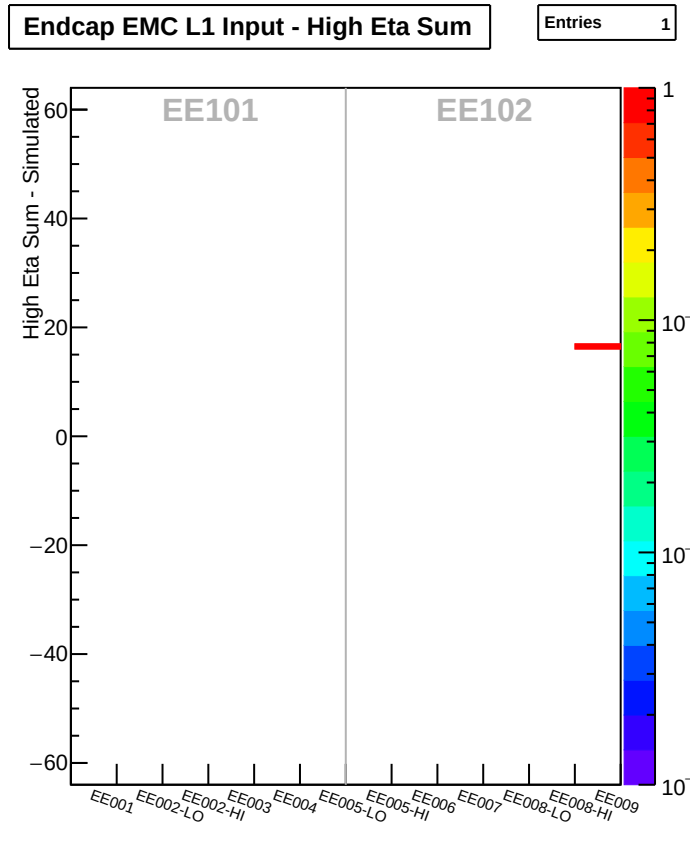

Barrel EMC L1 Input - HT.TP Bit
Entries 1.642158e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

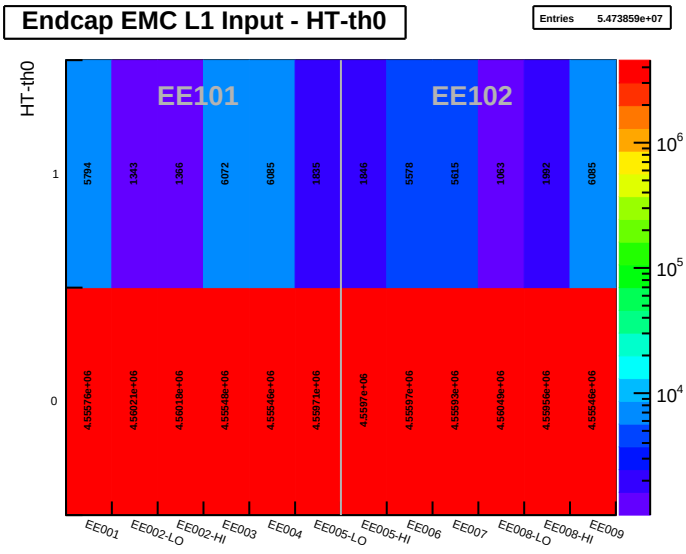

Barrel EMC L1 Input - High Tower Bits
Entries 1.544481e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

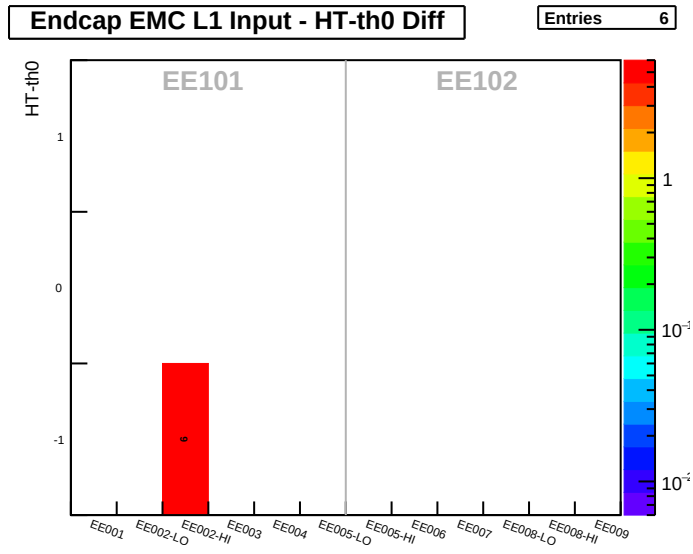

Endcap EMC L1 Input - Low Eta Sum
Entries 5.473859e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

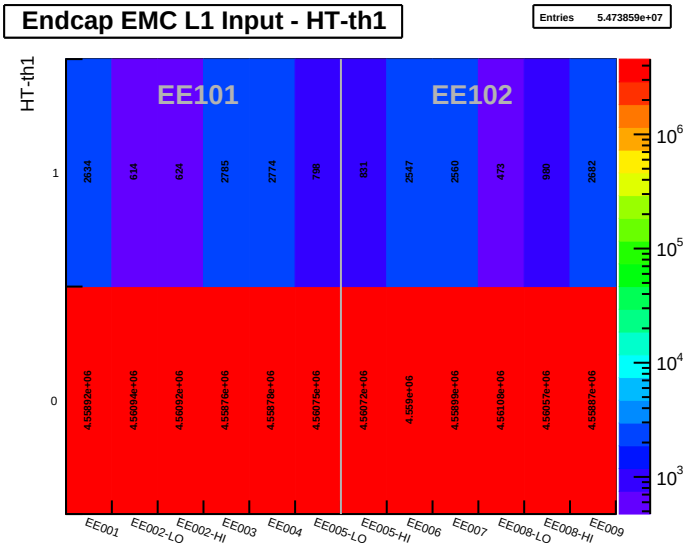

Endcap EMC L1 Input - Low Eta Sum
Entries 171
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

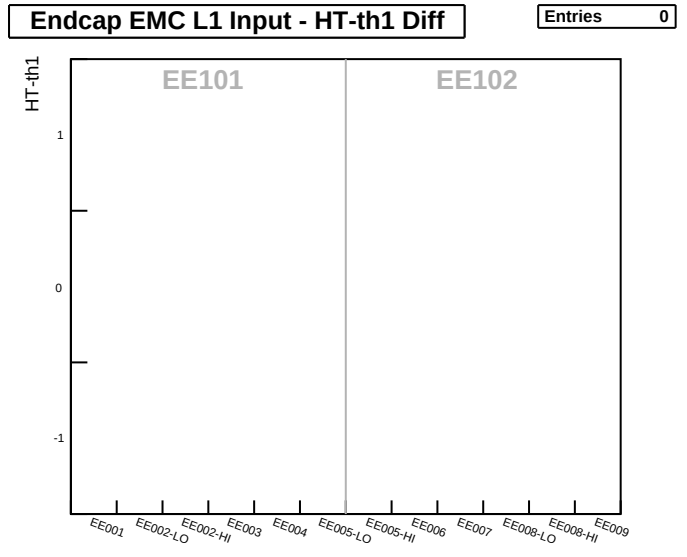

Endcap EMC L1 Input - High Eta Sum
Entries 5.473859e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

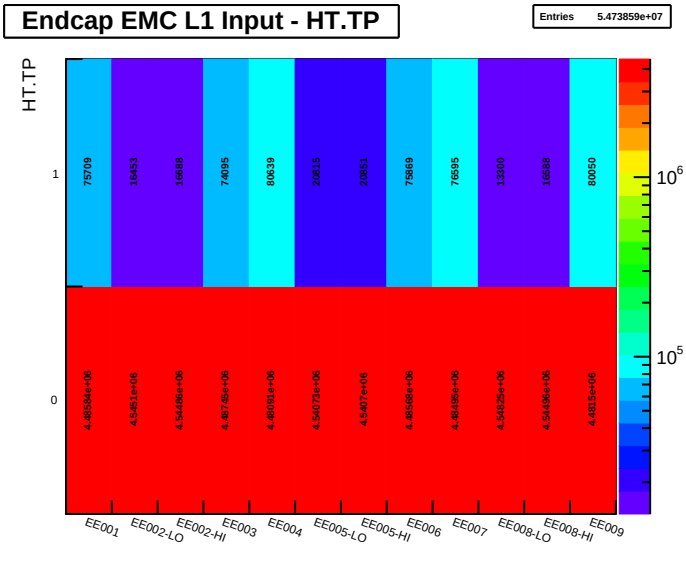

Endcap EMC L1 Input - High Eta Sum
Entries 1
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

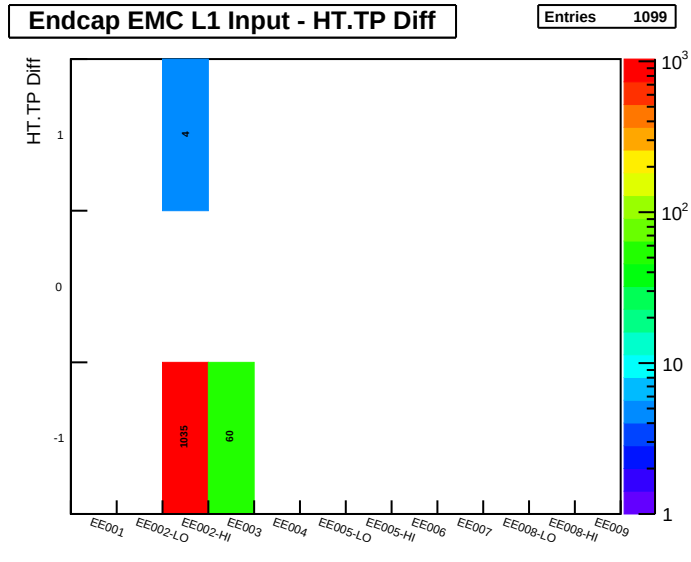

Endcap EMC L1 Input - HT-th0
Entries 5.473859e+07
HT-th0
EE101
EE102
5794 1343 1366 6072 6085 1835 1846 5578 5615 1063 1992 6085
4.55576e+06 4.56021e+06 4.56018e+06 4.55549e+06 4.55546e+06 4.55971e+06 4.55974e+06 4.55597e+06 4.55593e+06 4.56049e+06 4.55556e+06 4.55546e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

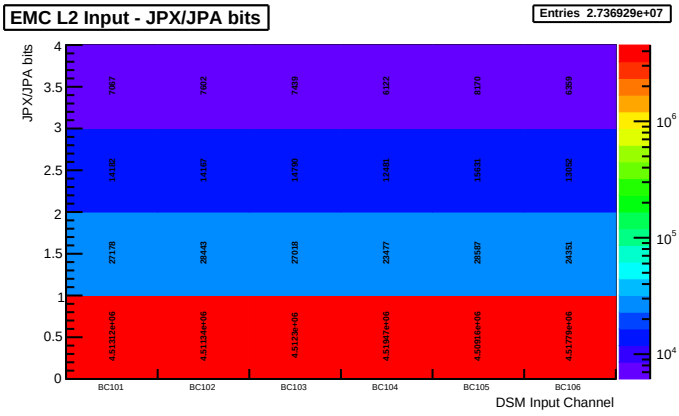

Endcap EMC L1 Input - HT-th0 Diff
Entries 6
HT-th0
EE101
EE102
6
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

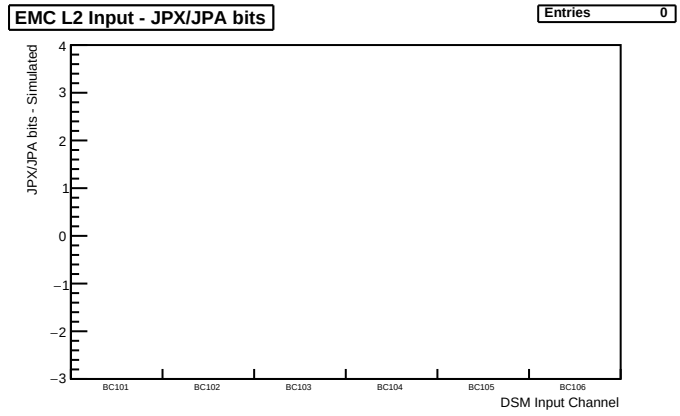

Endcap EMC L1 Input - HT-th1
Entries 5.473859e+07
HT-th1
EE101
EE102
2534 614 624 2785 2774 798 831 2547 2560 473 980 2682
4.55892e+06 4.56094e+06 4.56092e+06 4.55876e+06 4.55878e+06 4.56075e+06 4.56072e+06 4.559e+06 4.55899e+06 4.56108e+06 4.56057e+06 4.55887e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

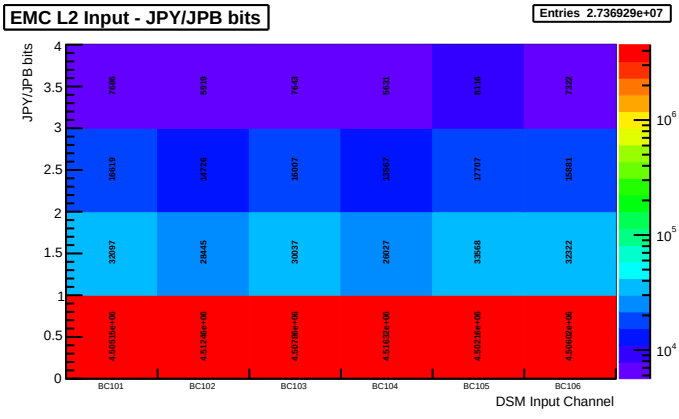

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

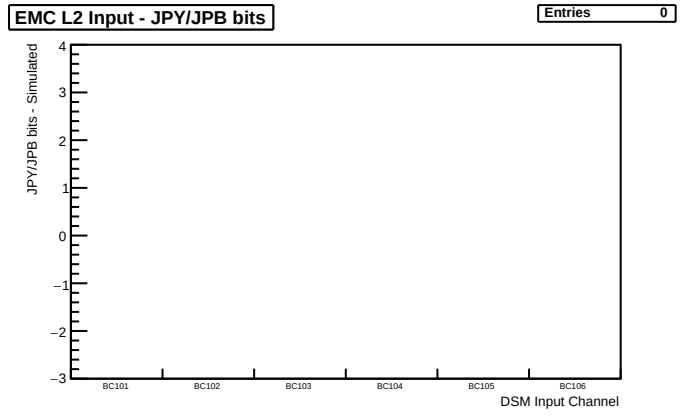

Endcap EMC L1 Input - HT.TP
Entries 5.473859e+07
HT.TP
75709 16453 16688 74095 80639 20815 20851 75869 76595 13200 16588 80050
4.48584e+06 4.5451e+06 4.54486e+06 4.48745e+06 4.48091e+06 4.54073e+06 4.5407e+06 4.48568e+06 4.48495e+06 4.54825e+06 4.5498e+06 4.4815e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

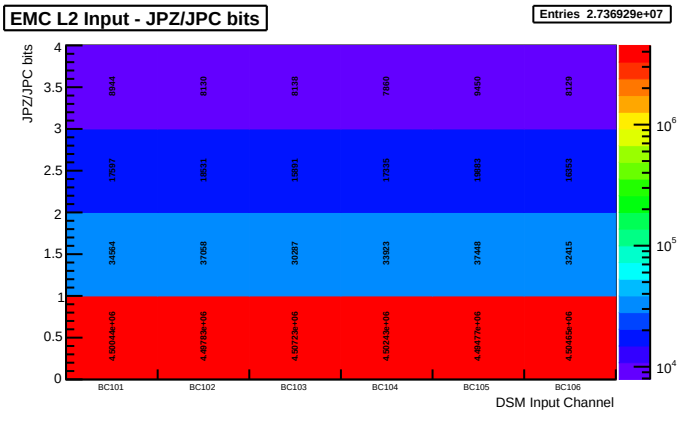

Endcap EMC L1 Input - HT.TP Diff
Entries 1099
HT.TP Diff
4
1035
60
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

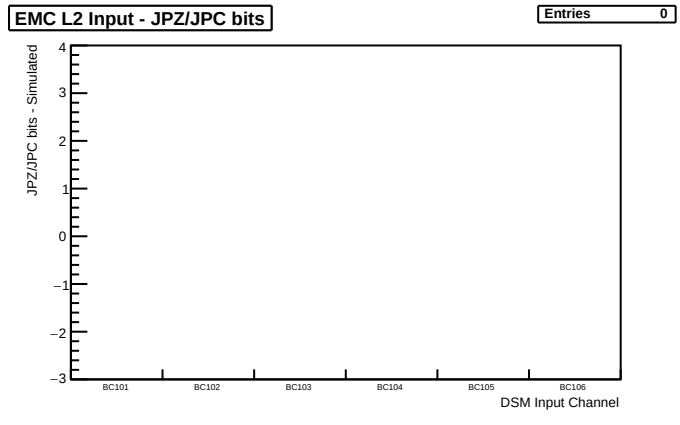

EMC L2 Input - JPX/JPA bits
Entries 2.736929e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
7057
7692
7639
6122
8170
6359
14182
14167
14790
12481
15631
13052
27178
28443
27018
23477
28387
24351
4.51312e+06
4.51134e+06
4.51239e+06
4.51947e+06
4.50916e+06
4.51779e+06

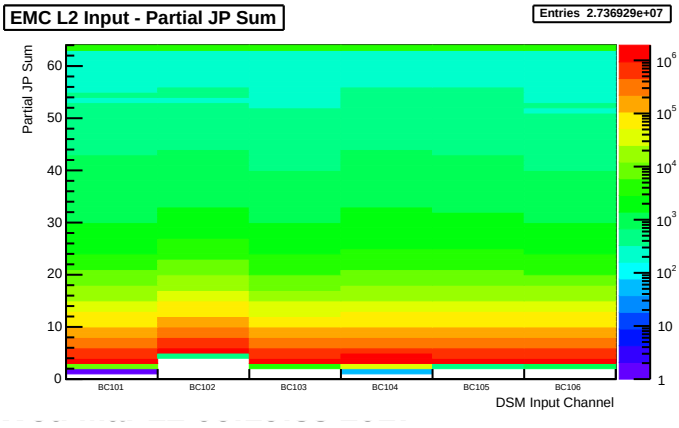

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

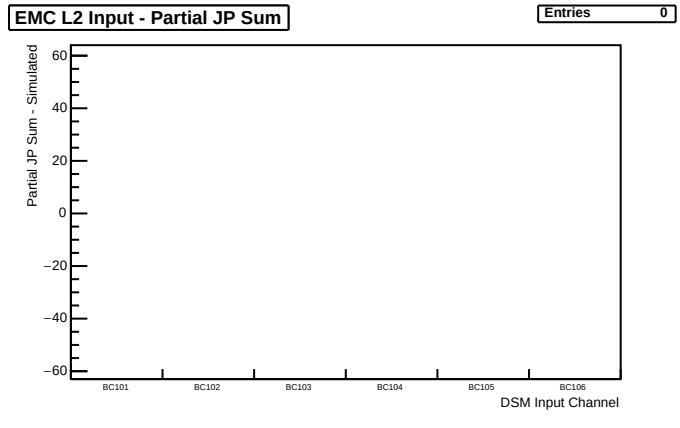

EMC L2 Input - JPY/JPB bits
Entries 2.736929e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
7686
5939
7543
5531
8116
7322
16619
14726
16007
15567
17707
15881
32097
29445
30037
29027
33668
32232
4.50515e+06
4.51249e+06
4.50786e+06
4.51532e+06
4.50216e+06
4.50602e+06

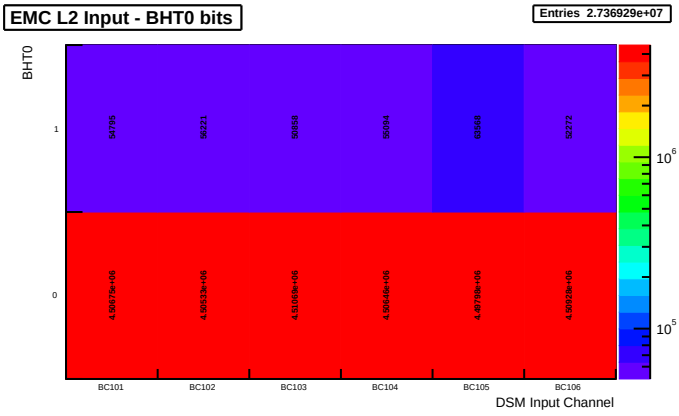

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

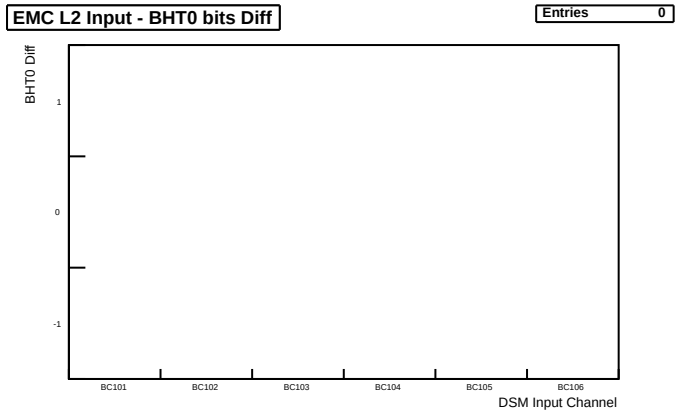

EMC L2 Input - JPZ/JPC bits
Entries 2.736929e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8944
8139
8138
7860
9450
8129
17597
18531
16891
17535
19883
16553
34864
37068
30287
33823
37449
32415
4.50044e+06
4.49793e+06
4.50728e+06
4.50249e+06
4.49476e+06
4.50465e+06

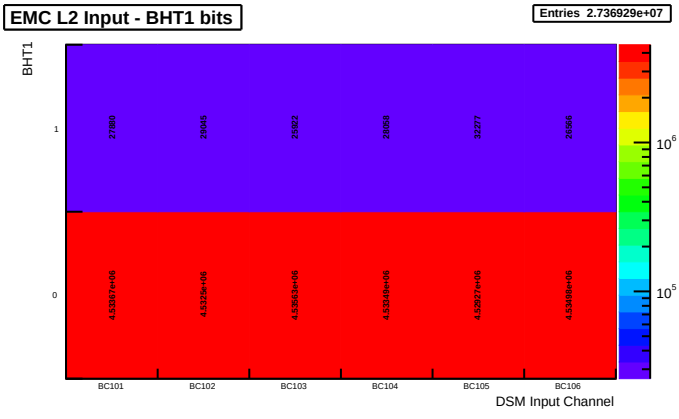

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

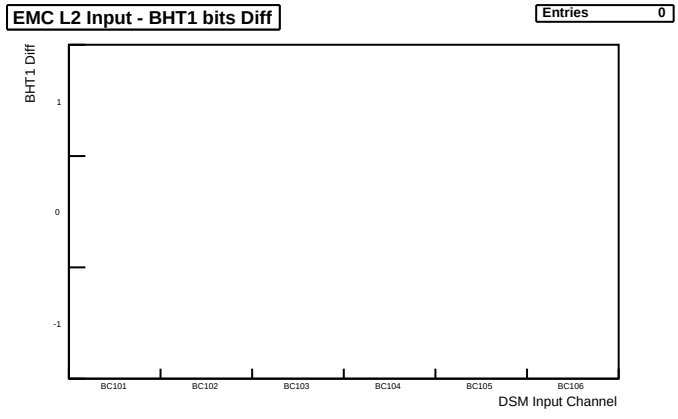

EMC L2 Input - Partial JP Sum
Entries 2.736929e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

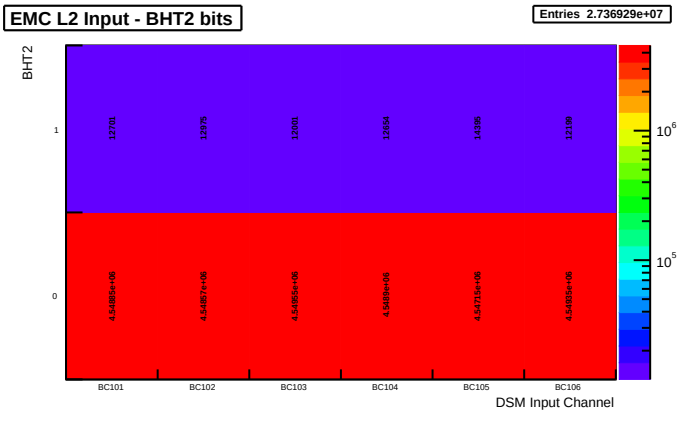

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

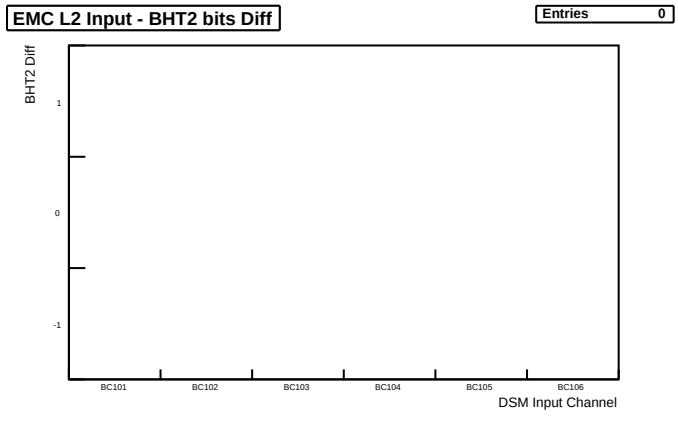

EMC L2 Input - BHT0 bits
Entries 2.736929e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

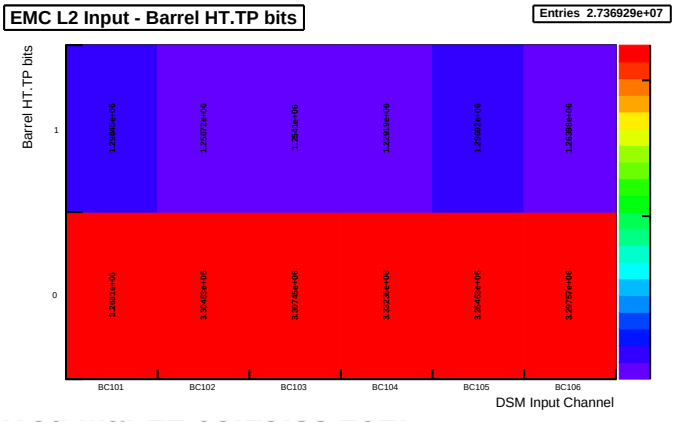

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

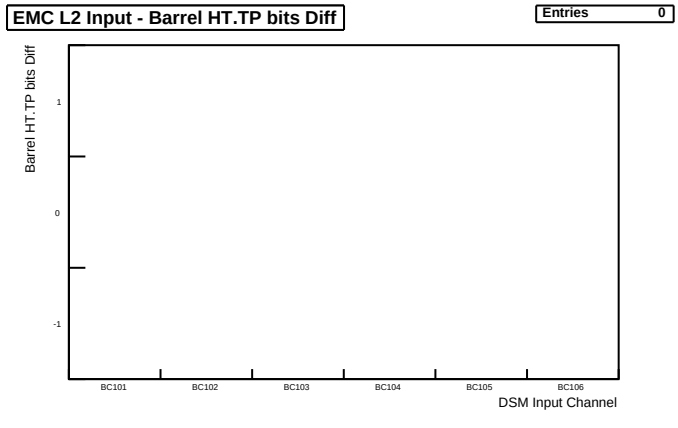

EMC L2 Input - BHT1 bits
Entries 2.736929e+07
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

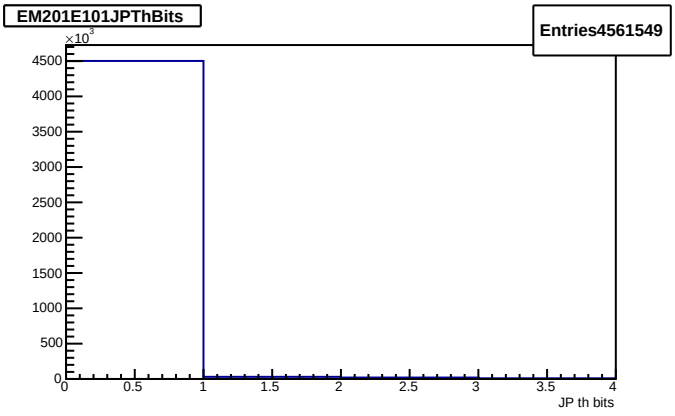

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

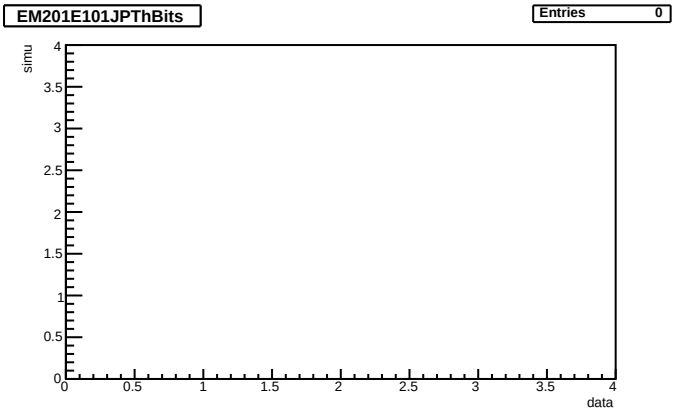

EMC L2 Input - BHT2 bits
Entries 2.736929e+07
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

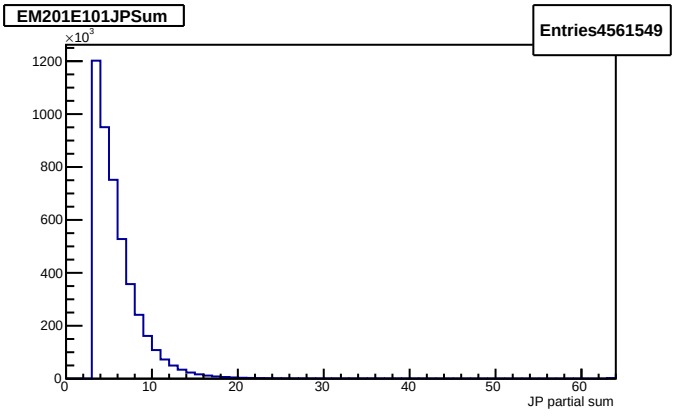

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

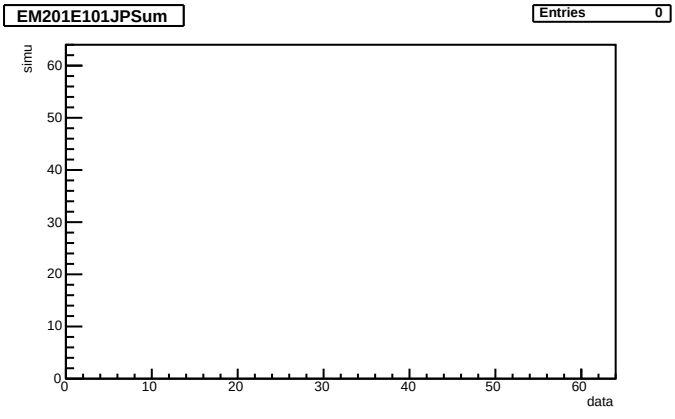

EMC L2 Input - Barrel HT.TP bits
Entries 2.736929e+07
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

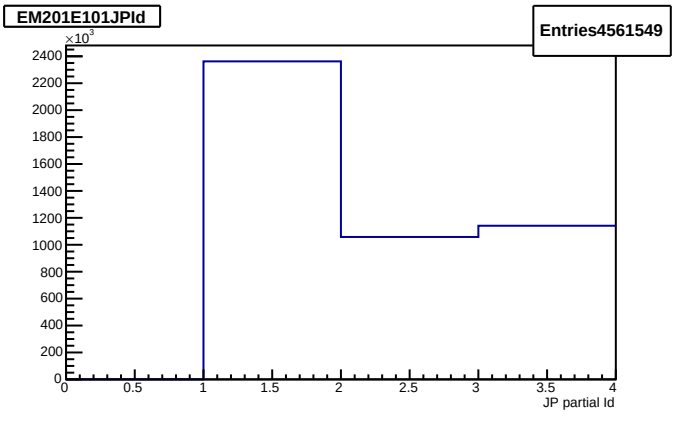

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

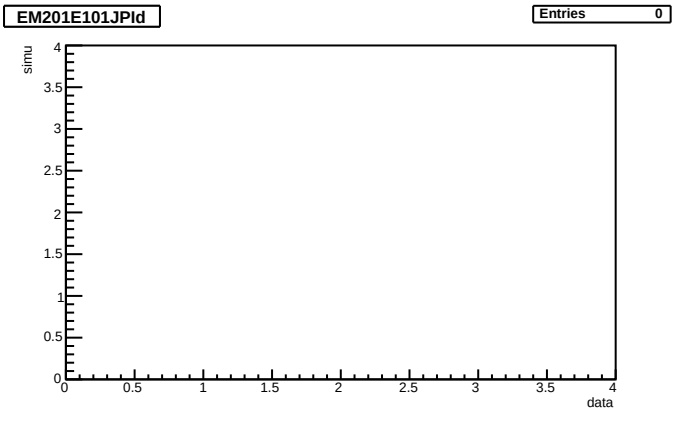

EM201E101JPThBits
Entries4561549
×10^3
JP th bits

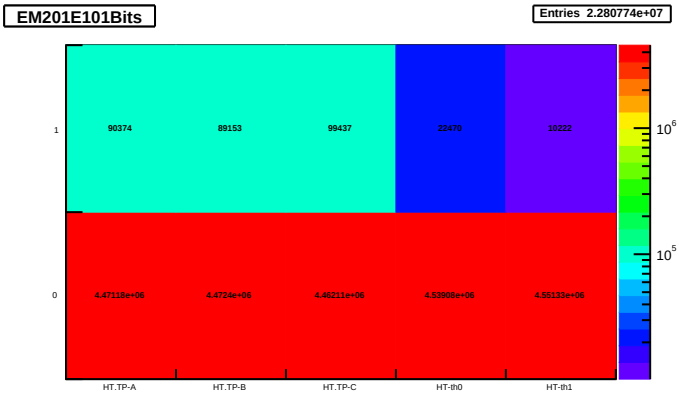

EM201E101JPThBits
Entries 0
simu
data

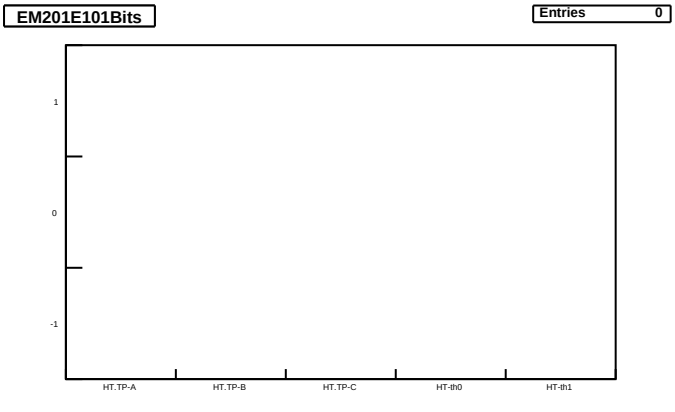

EM201E101JPSum
Entries4561549
×10^3
JP partial sum

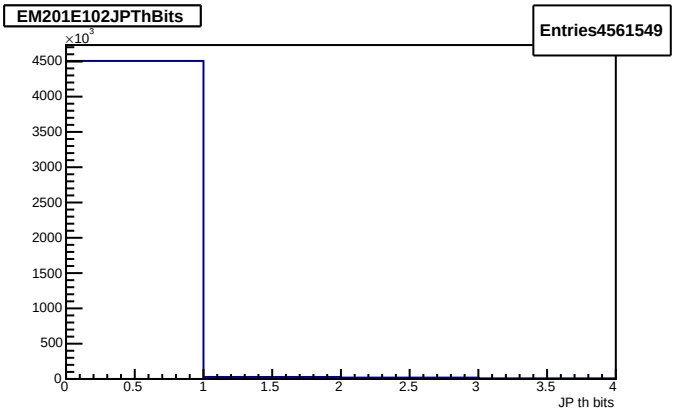

EM201E101JPSum
Entries 0
simu
data

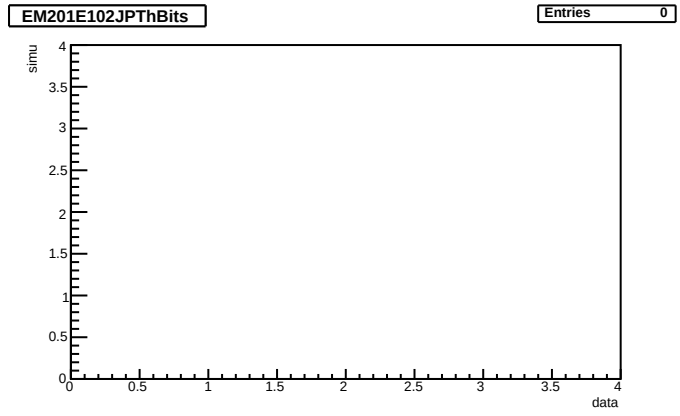

EM201E101JPId
Entries4561549
×10^3
JP partial Id

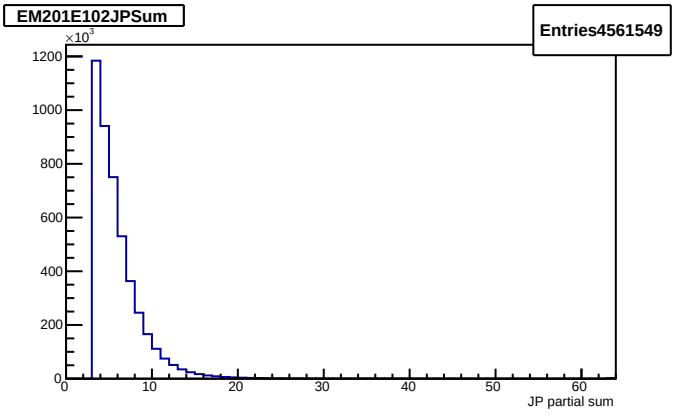

EM201E101JPId
Entries 0
simu
data

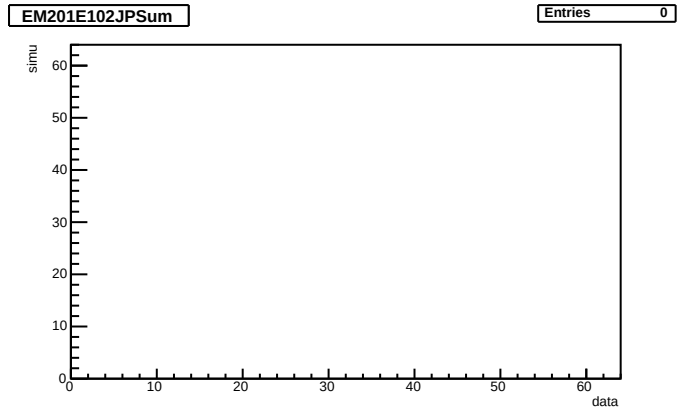

EM201E101Bits
Entries 2.280774e+07
90374
89153
99437
22470
10222
4.47118e+06
4.4724e+06
4.46211e+06
4.53908e+06
4.55133e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

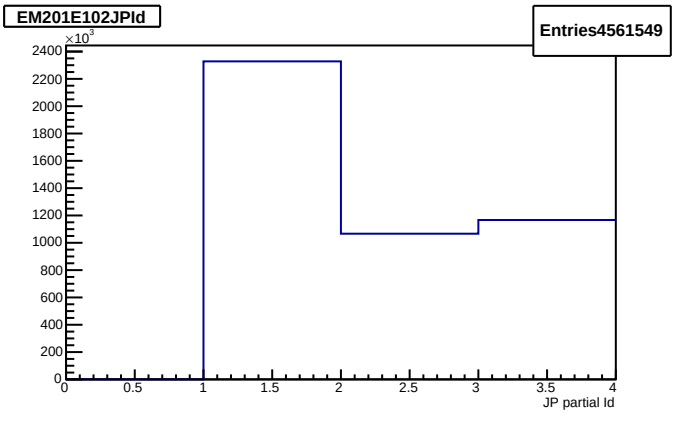

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

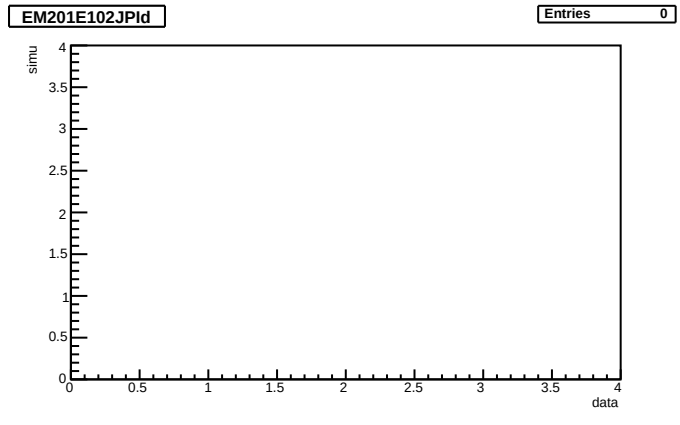

EM201E102JPThBits
Entries4561549
JP th bits

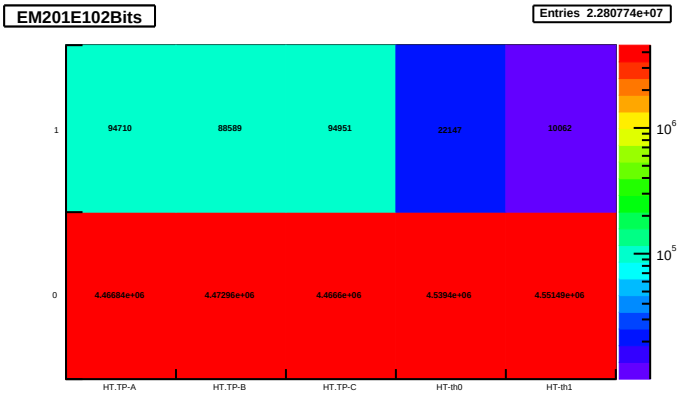

EM201E102JPThBits
Entries 0
simu
data

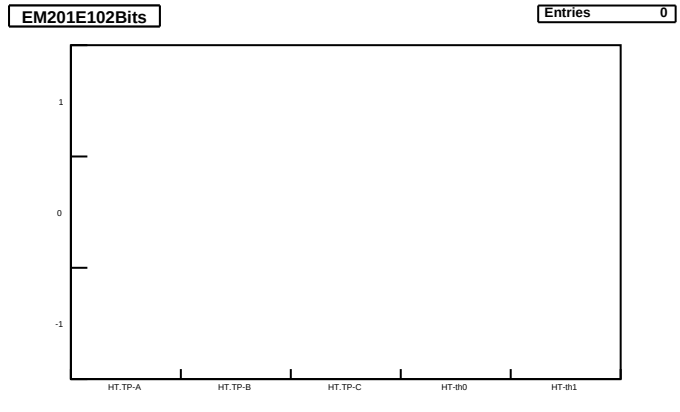

EM201E102JPSum
Entries4561549
JP partial sum

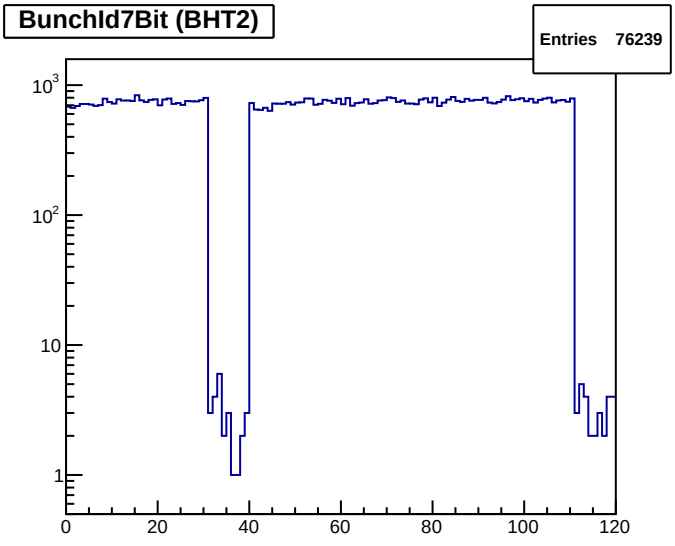

EM201E102JPSum
Entries 0
simu
data

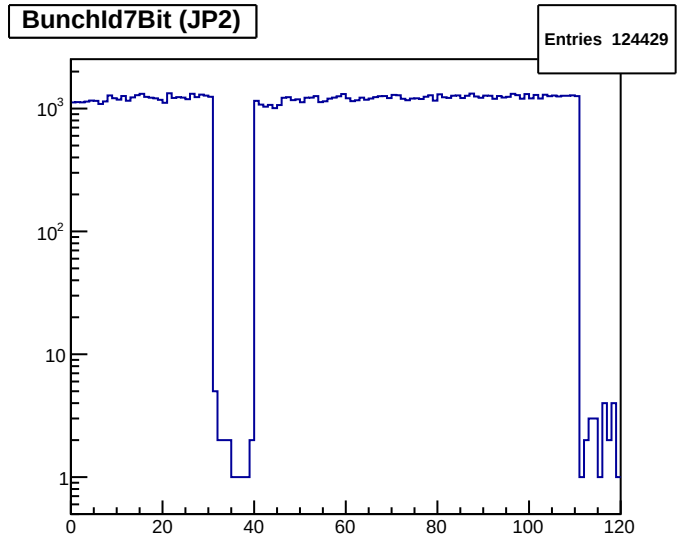

EM201E102JPId
Entries4561549
JP partial Id

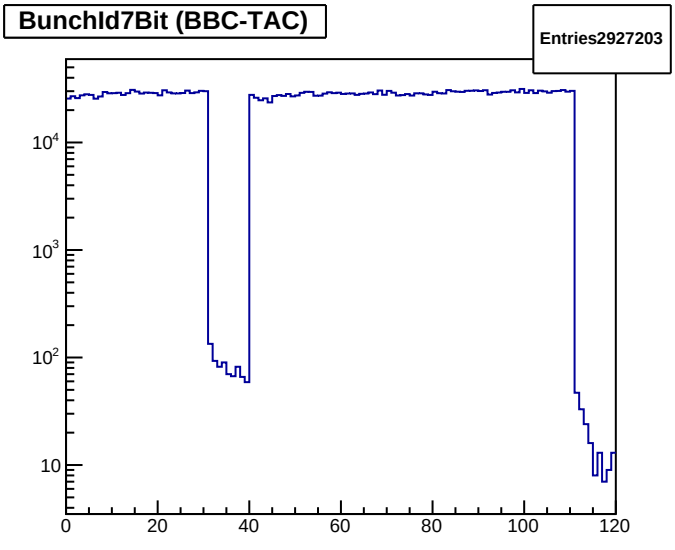

EM201E102JPId
Entries 0
simu
data

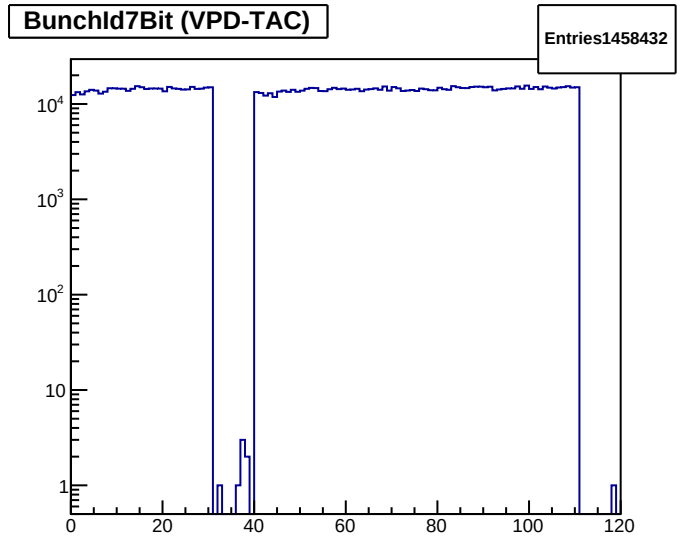

EM201E102Bits
Entries 2.280774e+07
94710
88589
94951
22147
10062
4.46684e+06
4.47296e+06
4.4666e+06
4.5394e+06
4.55149e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

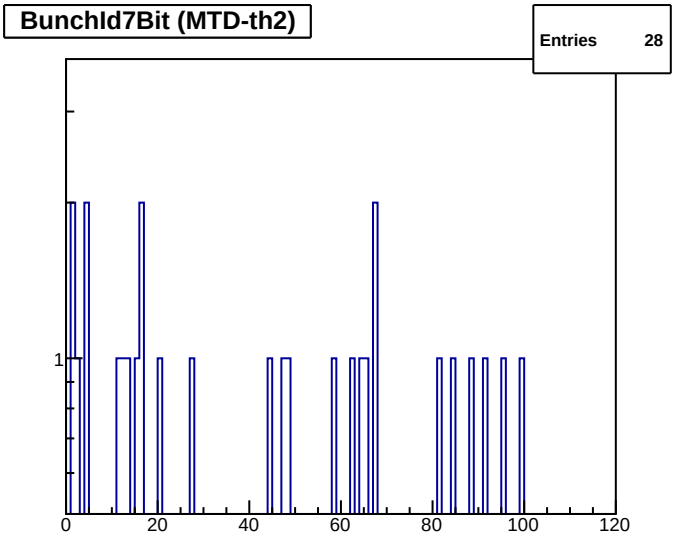

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

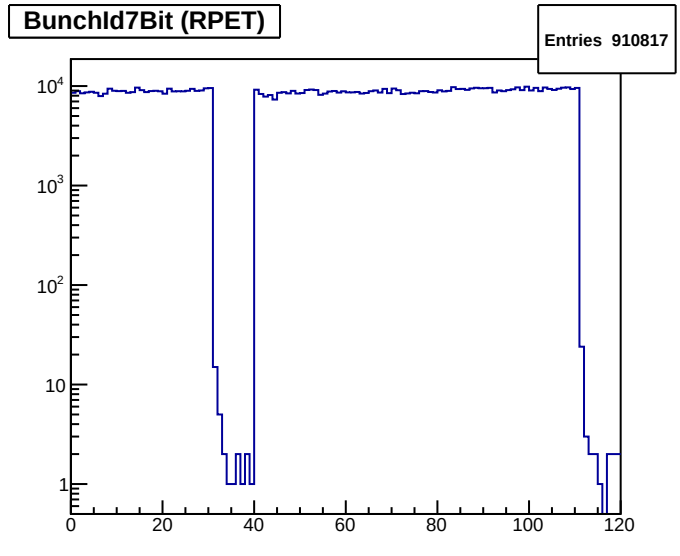

BunchId7Bit (BHT2)
Entries 76239

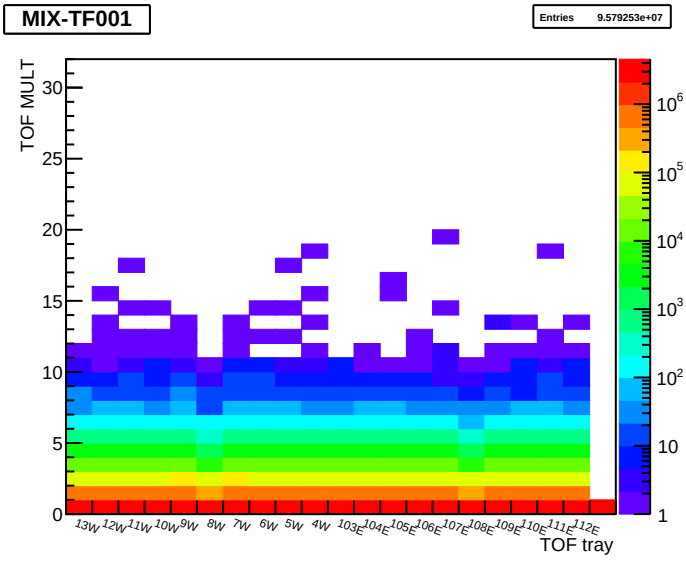

BunchId7Bit (JP2)
Entries 124429

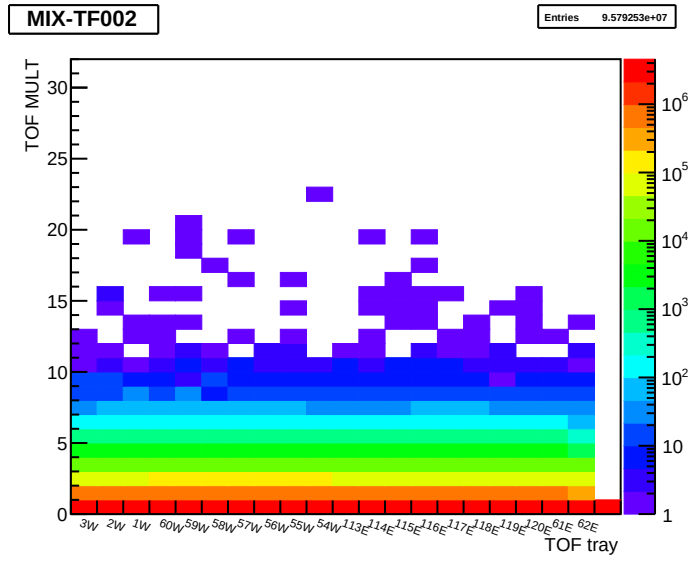

BunchId7Bit (BBC-TAC)
Entries2927203

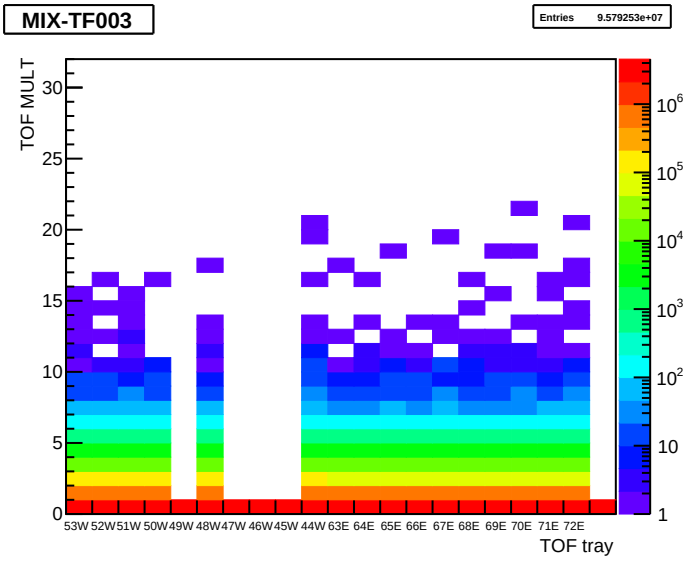

BunchId7Bit (VPD-TAC)
Entries1458432

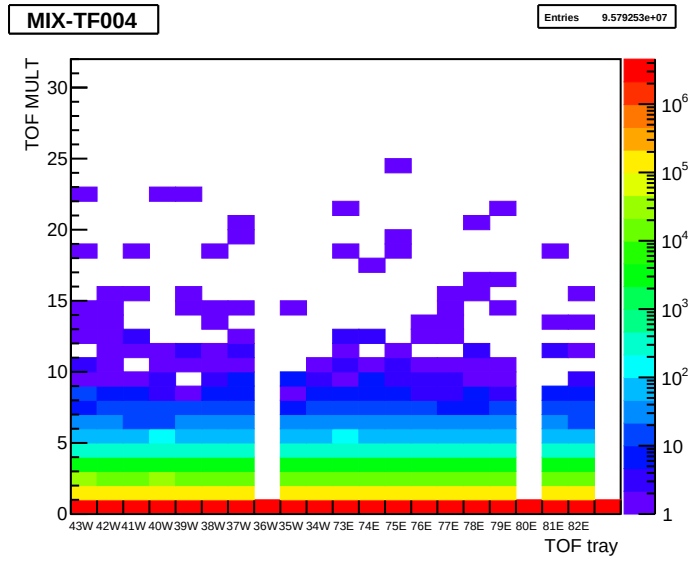

BunchId7Bit (MTD-th2)
Entries 28

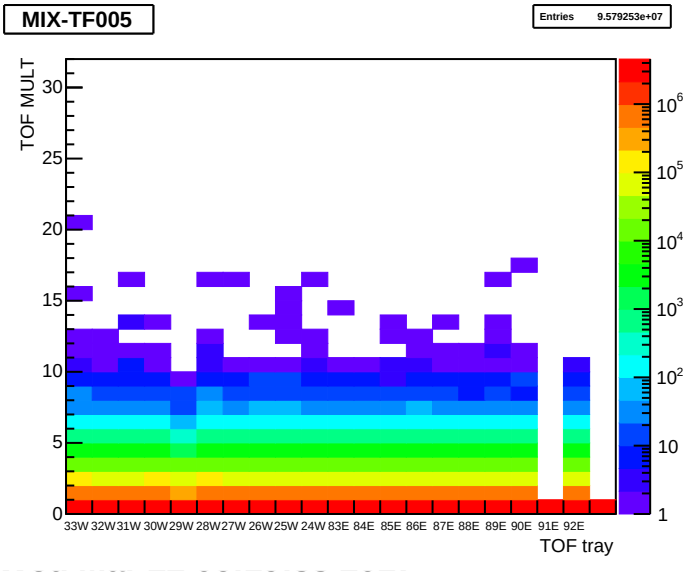

BunchId7Bit (RPET)
Entries 910817

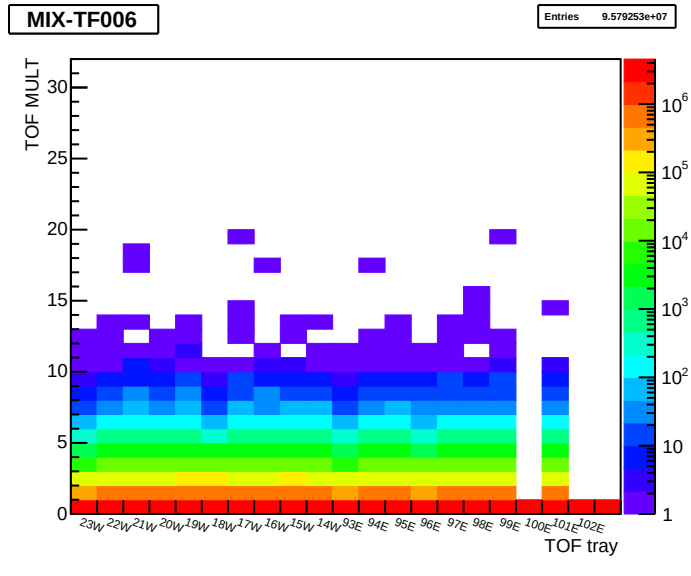

MIX-TF001
Entries 9.579253e+07
TOF MULT
TOF tray

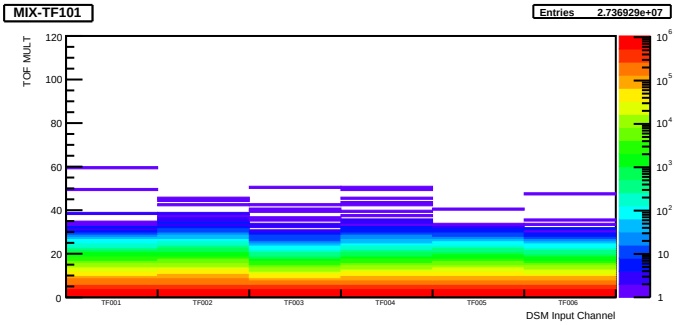

MIX-TF002
Entries 9.579253e+07
TOF MULT
TOF tray

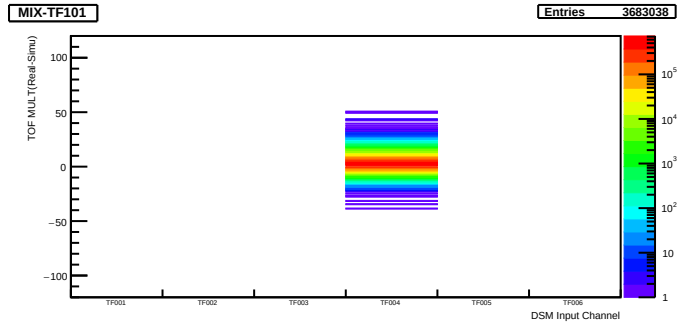

MIX-TF003
Entries 9.579253e+07
TOF MULT
TOF tray

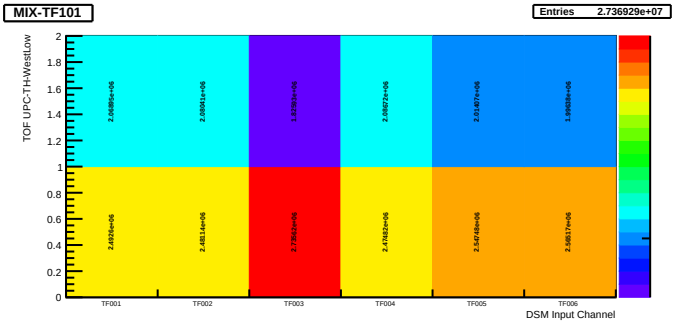

MIX-TF004
Entries 9.579253e+07
TOF MULT
TOF tray

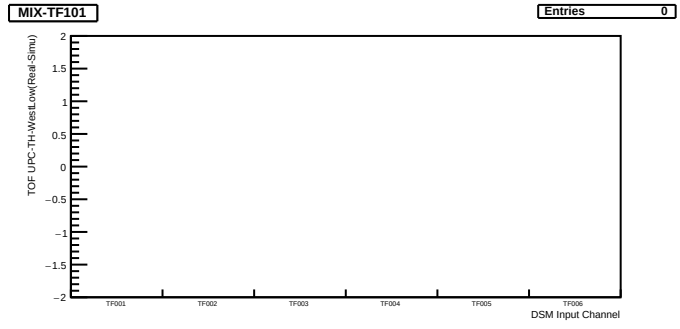

MIX-TF005
Entries 9.579253e+07
TOF MULT
TOF tray

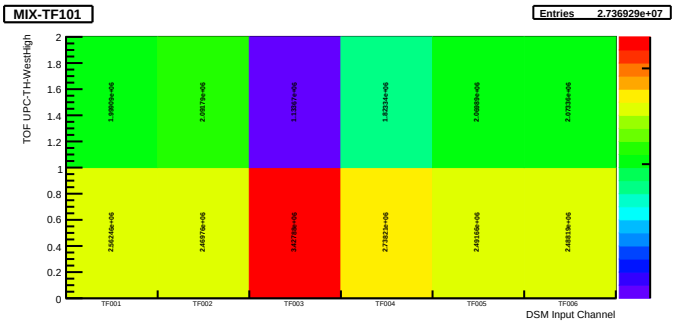

MIX-TF006
Entries 9.579253e+07
TOF MULT
TOF tray

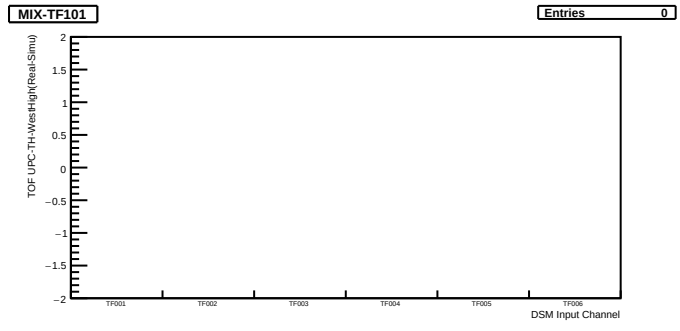

MIX-TF101
Entries 2.736929e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

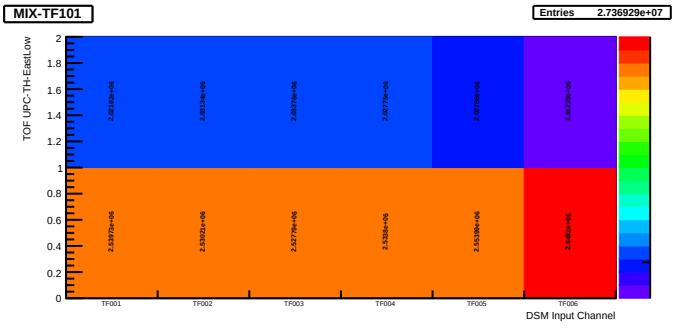

MIX-TF101
Entries 3683038
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

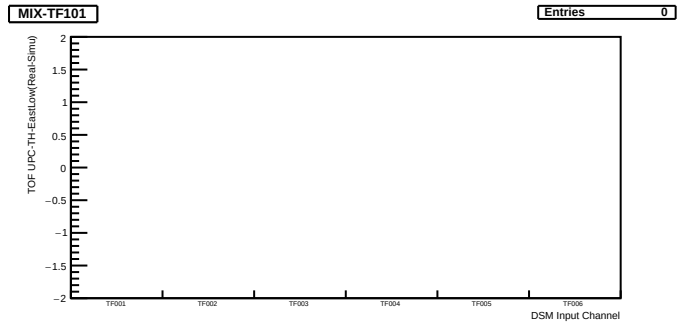

MIX-TF101
Entries 2.736929e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

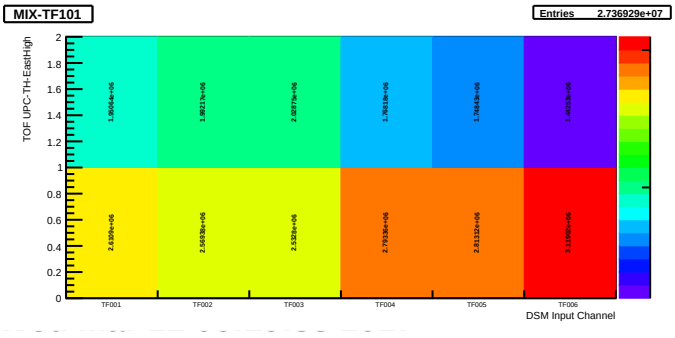

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

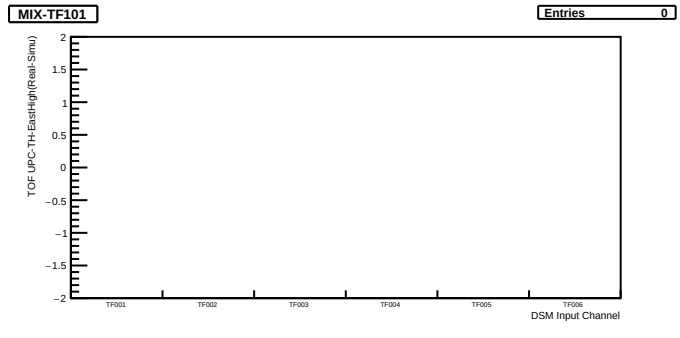

MIX-TF101
Entries 2.736929e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

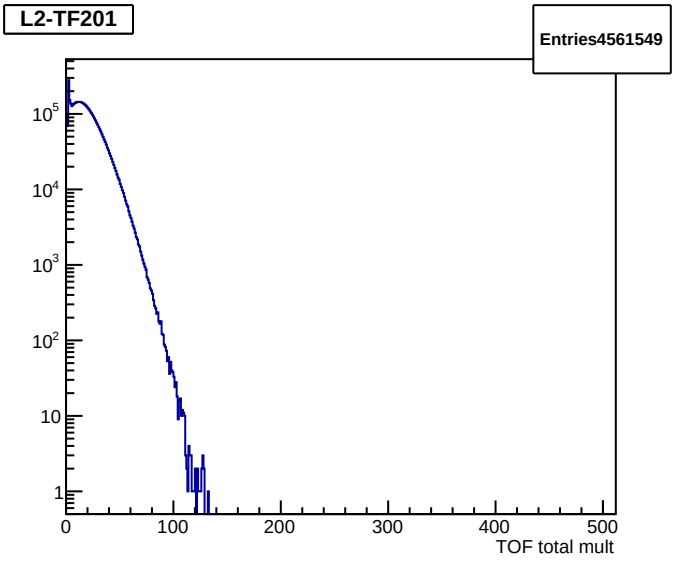

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

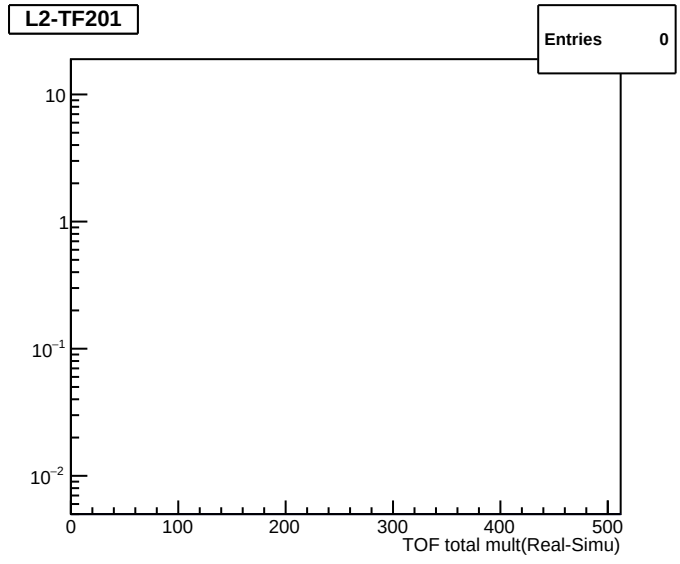

MIX-TF101
Entries 2.736929e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

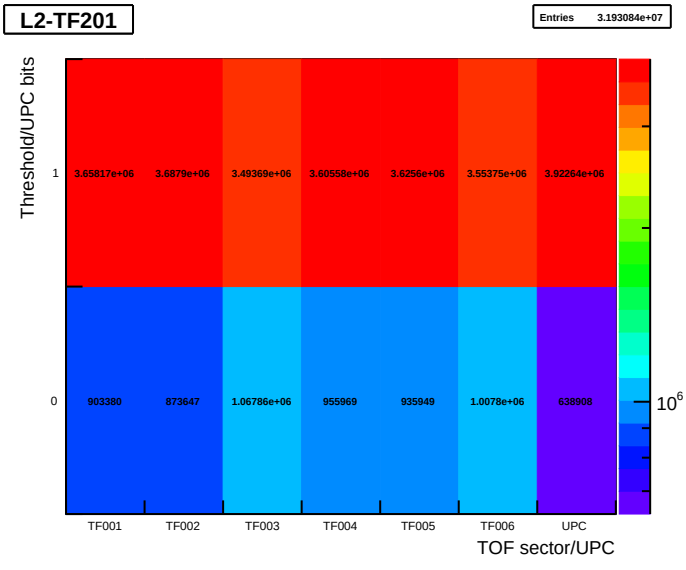

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

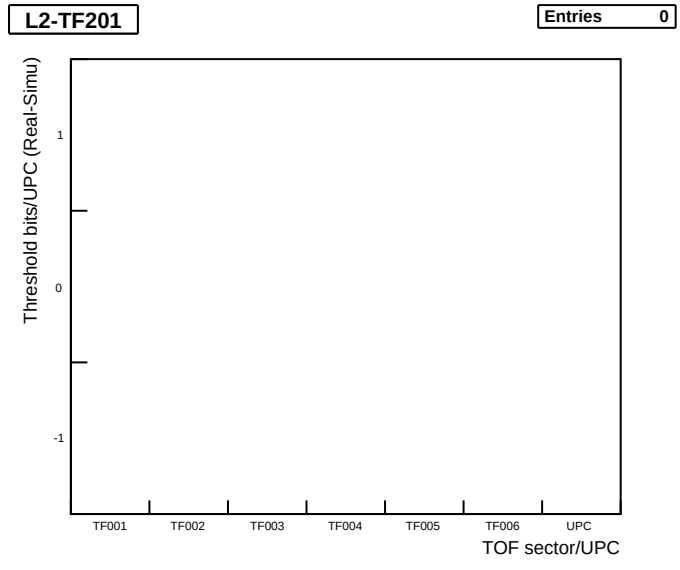

MIX-TF101
Entries 2.736929e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

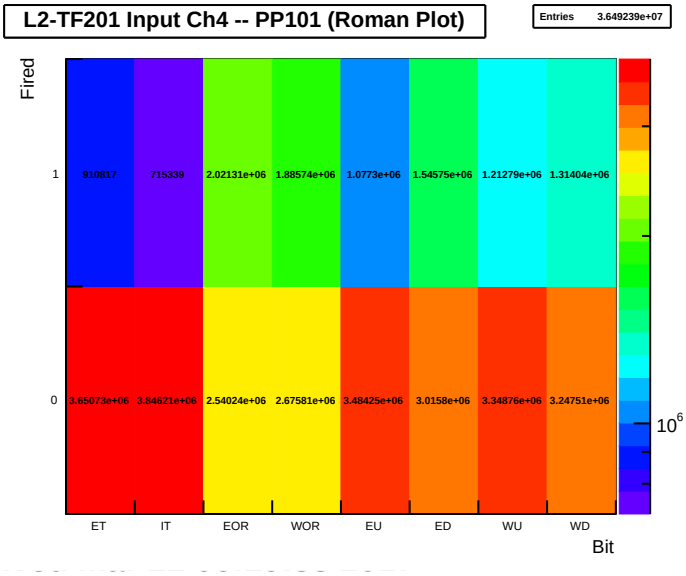

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

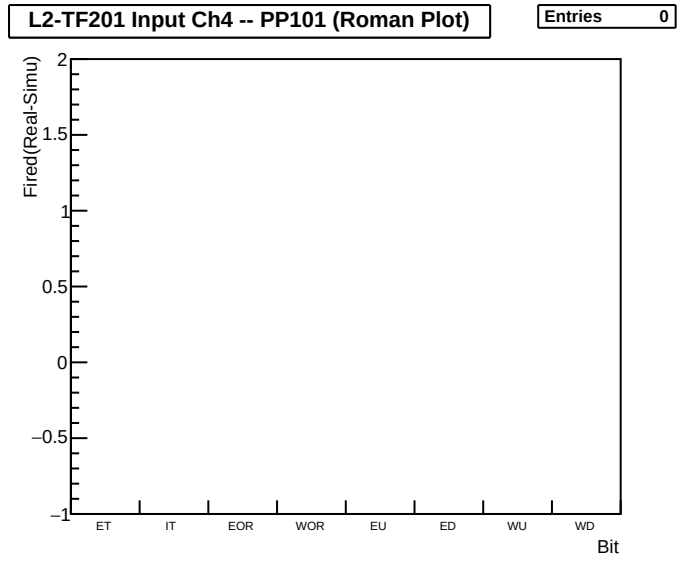

L2-TF201
Entries4561549
TOF total mult

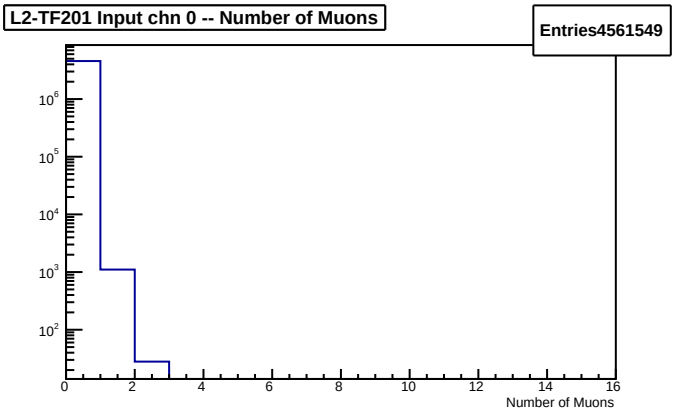

L2-TF201
Entries 0
TOF total mult(Real-Simu)

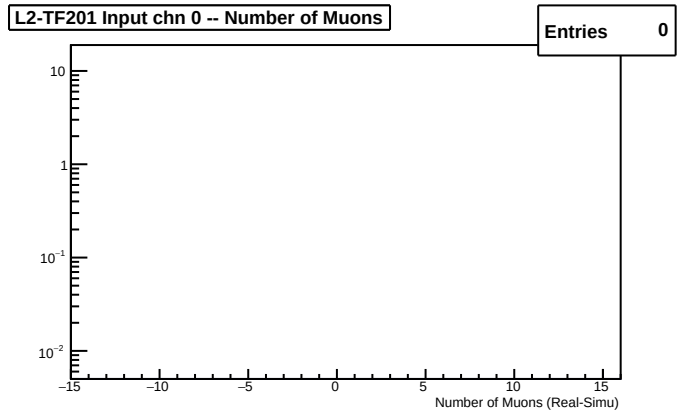

L2-TF201
Entries 3.193084e+07
Threshold/UPC bits
3.65817e+06
3.6879e+06
3.49369e+06
3.60558e+06
3.6256e+06
3.55375e+06
3.92264e+06
903380
873647
1.06786e+06
955969
935949
1.0078e+06
638908
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

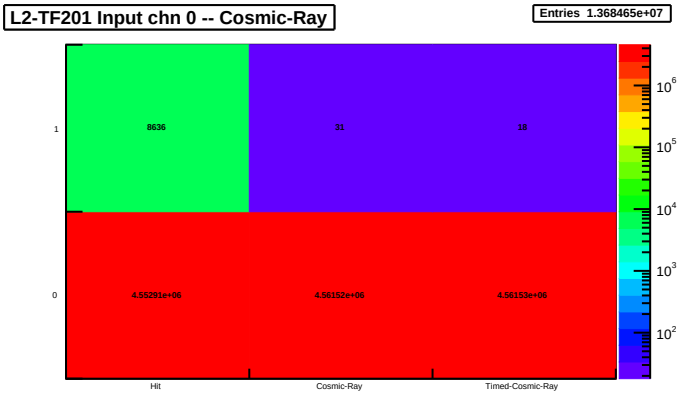

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

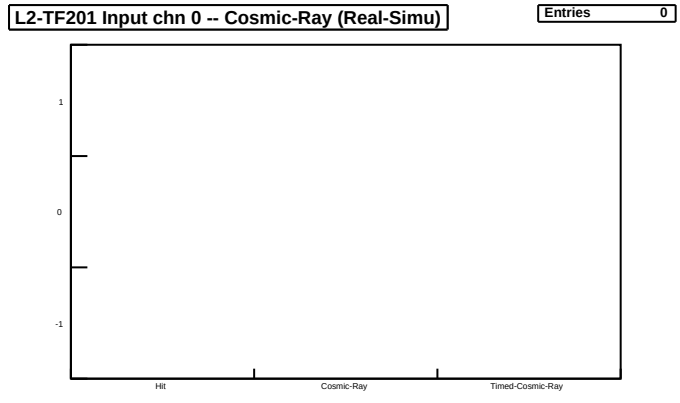

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.649239e+07
Fired
910817
715339
2.02131e+06
1.88574e+06
1.0773e+06
1.54575e+06
1.21279e+06
1.31404e+06
3.65073e+06
3.84621e+06
2.54024e+06
2.67581e+06
3.48425e+06
3.0158e+06
3.34876e+06
3.24751e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

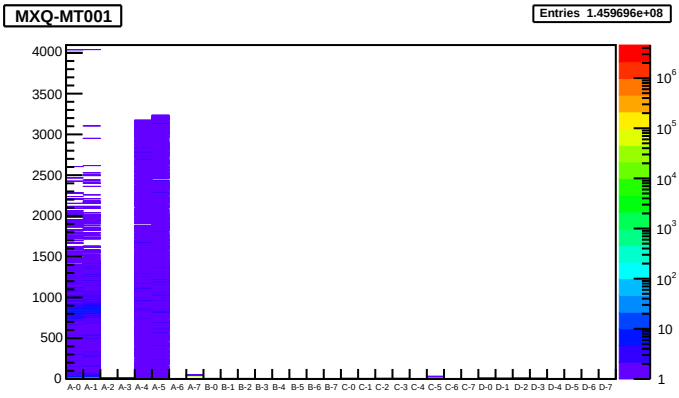

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

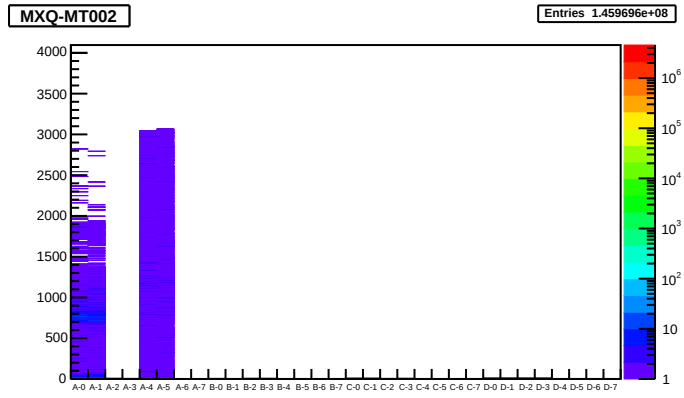

L2-TF201 Input chn 0 -- Number of Muons
Entries4561549
Number of Muons

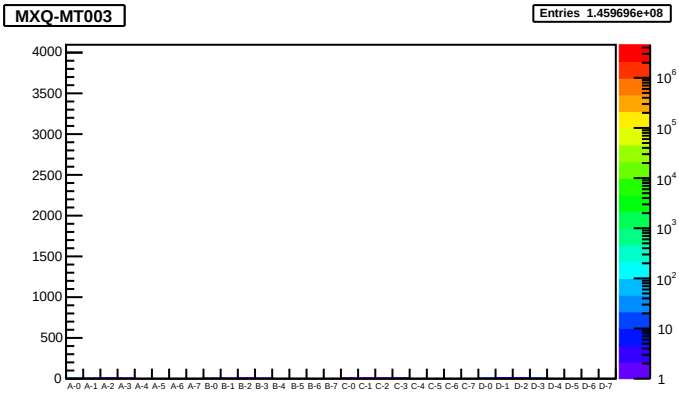

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

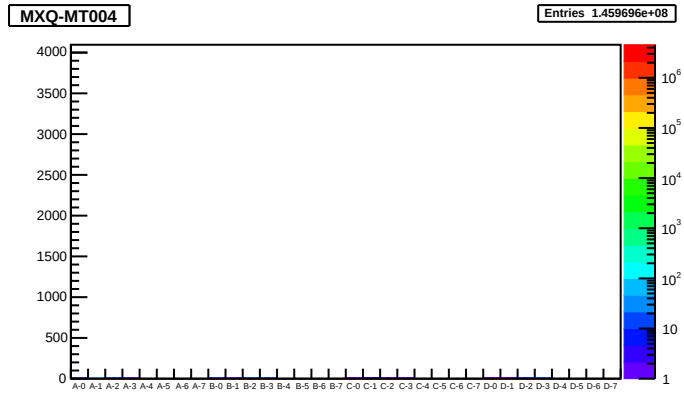

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.368465e+07
8636
31
18
4.55291e+06
4.56152e+06
4.56153e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

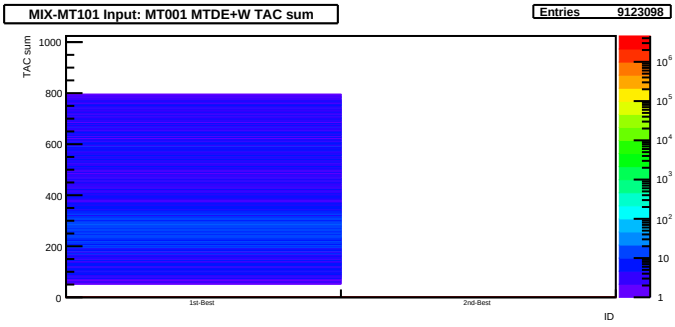

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

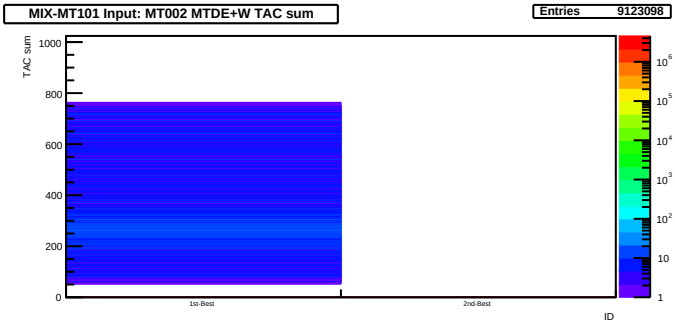

MXQ-MT001
Entries 1.459696e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

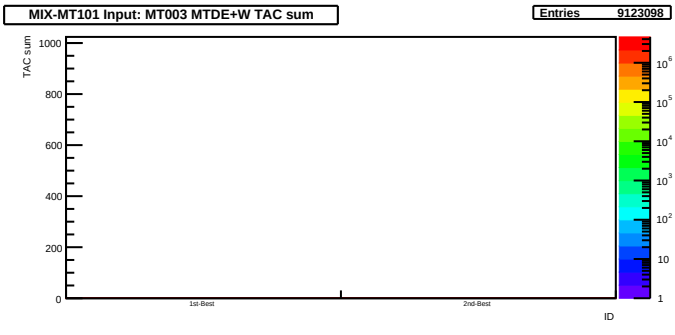

MXQ-MT002
Entries 1.459696e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

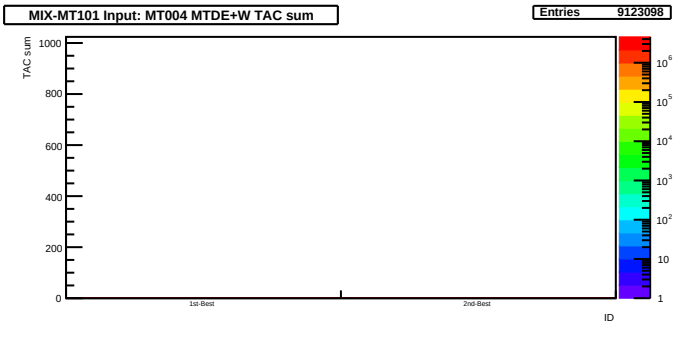

MXQ-MT003
Entries 1.459696e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

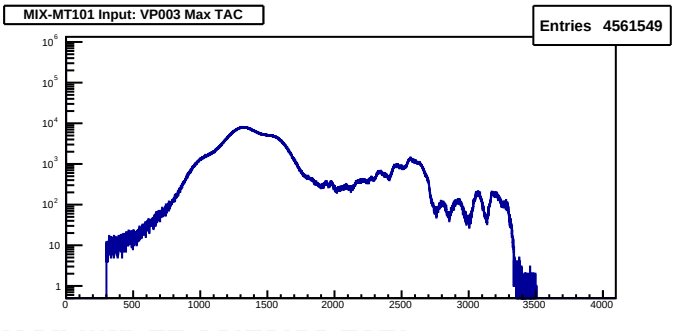

MXQ-MT004
Entries 1.459696e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

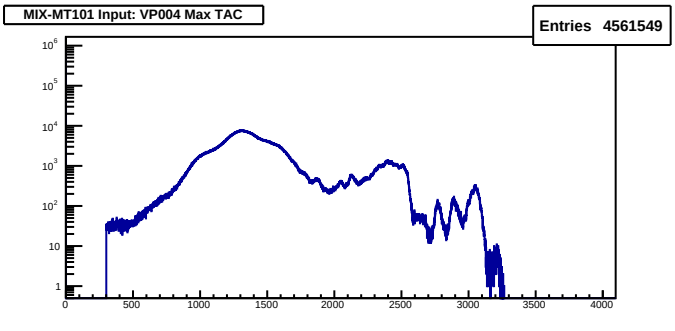

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9123098
TAC sum
1st-Best
2nd-Best
ID

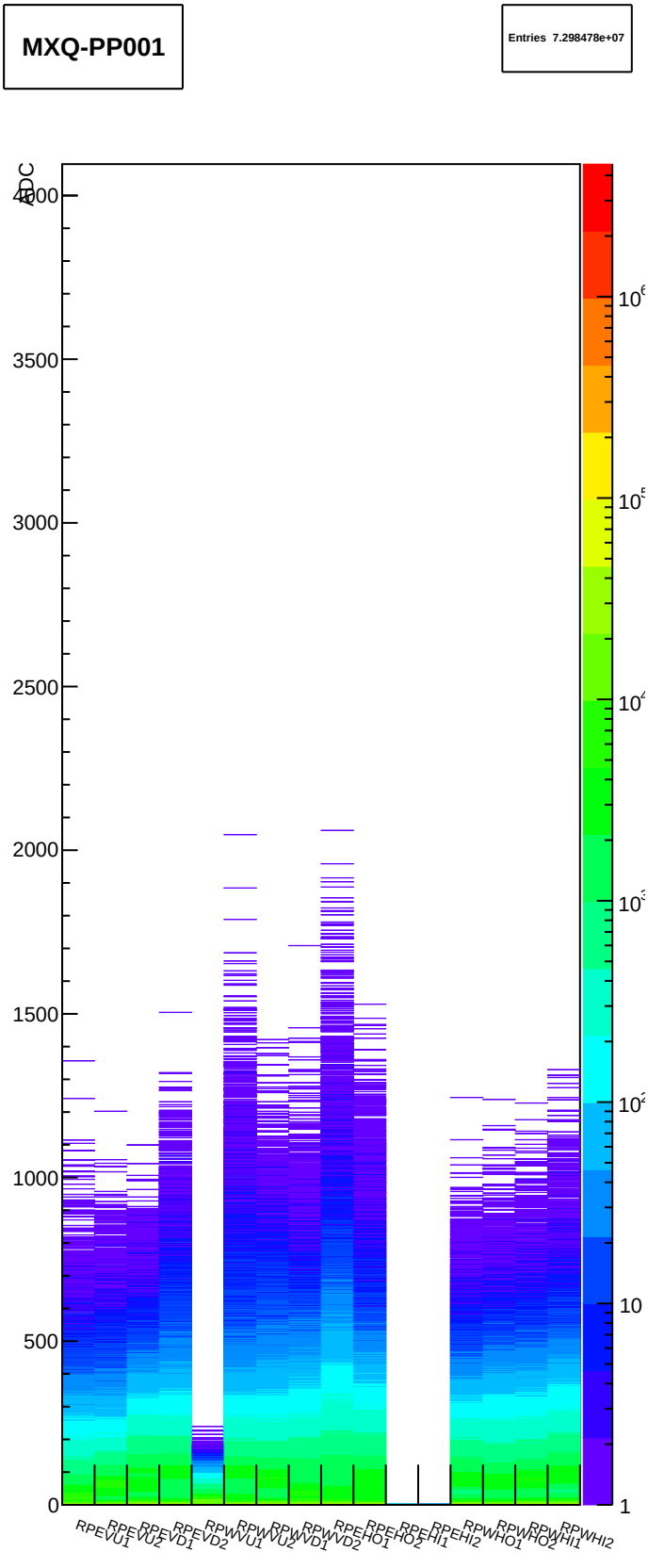

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9123098
TAC sum
1st-Best
2nd-Best
ID

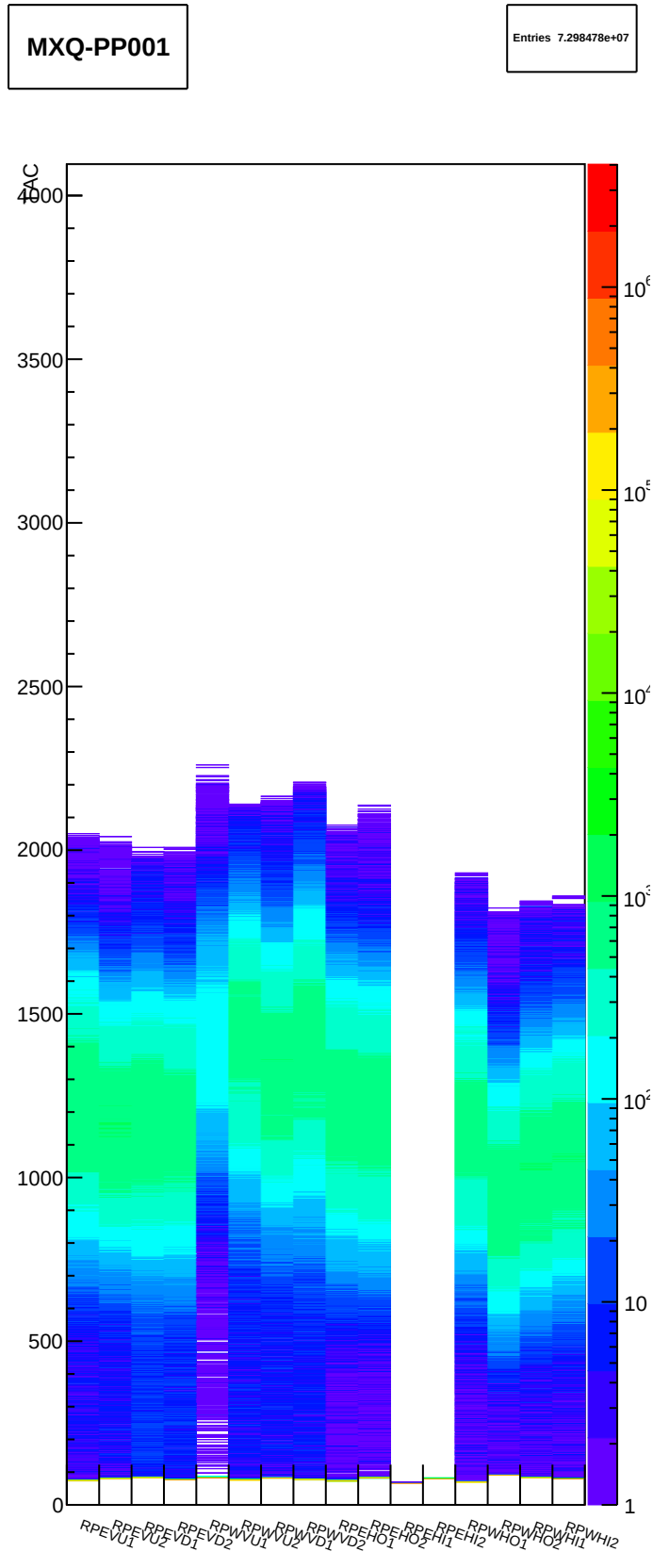

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9123098
TAC sum
1st-Best
2nd-Best
ID

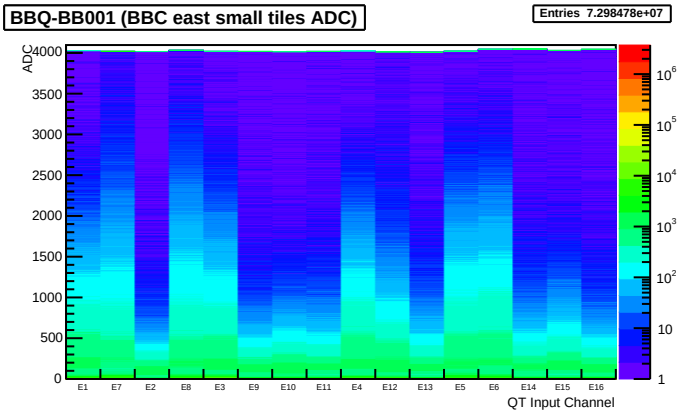

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9123098
TAC sum
1st-Best
2nd-Best
ID

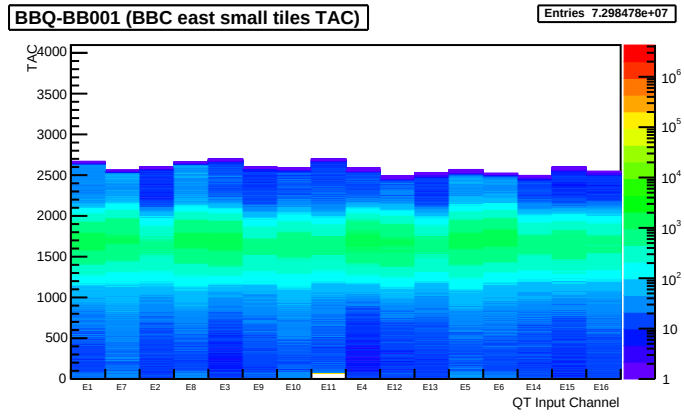

MIX-MT101 Input: VP003 Max TAC
Entries 4561549

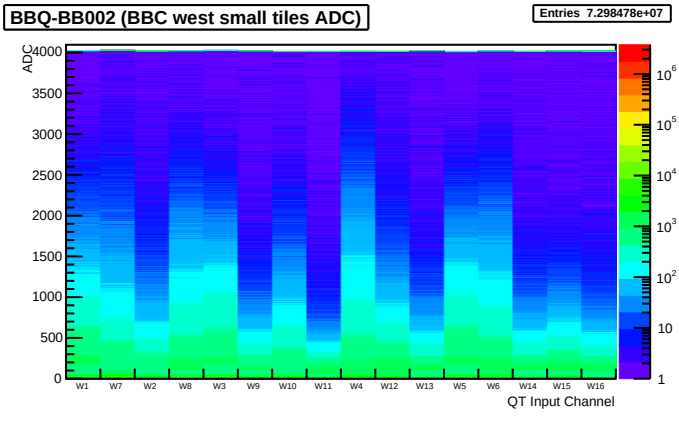

MIX-MT101 Input: VP004 Max TAC
Entries 4561549

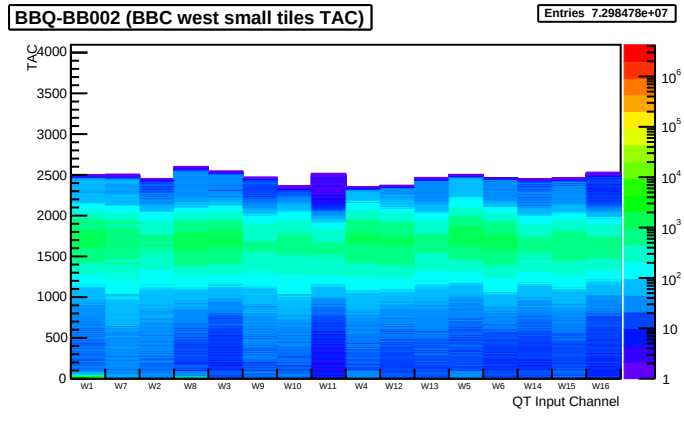

MXQ-PP001
Entries 7.298478e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

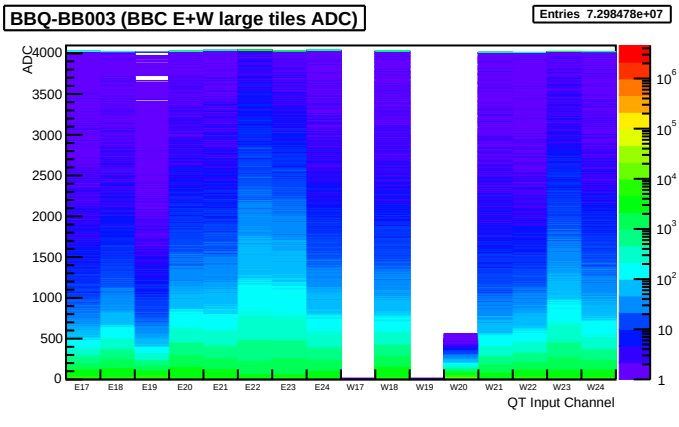

MXQ-PP001
Entries 7.298478e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

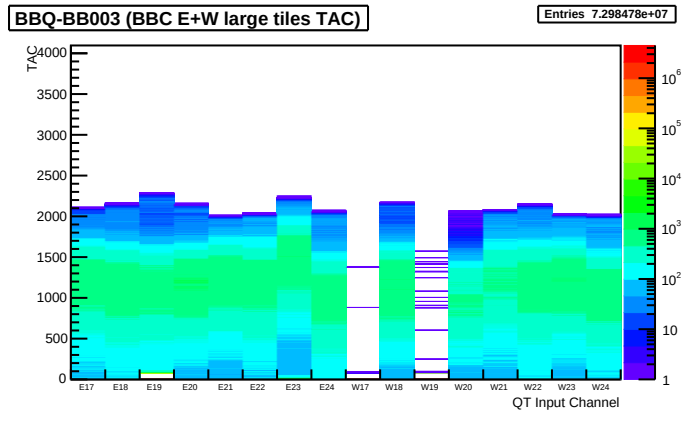

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.298478e+07
ADC
QT Input Channel

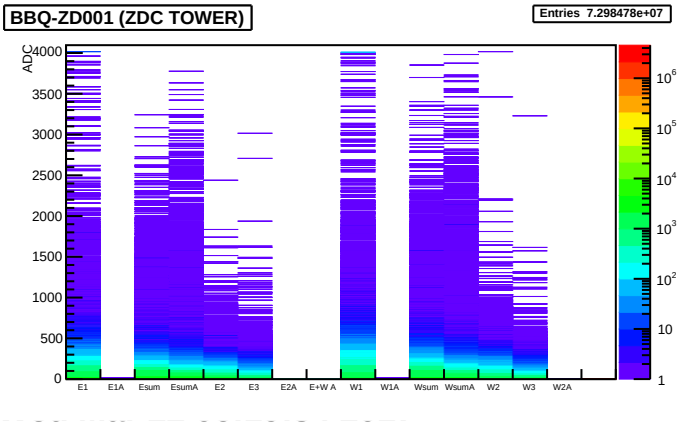

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.298478e+07
TAC
QT Input Channel

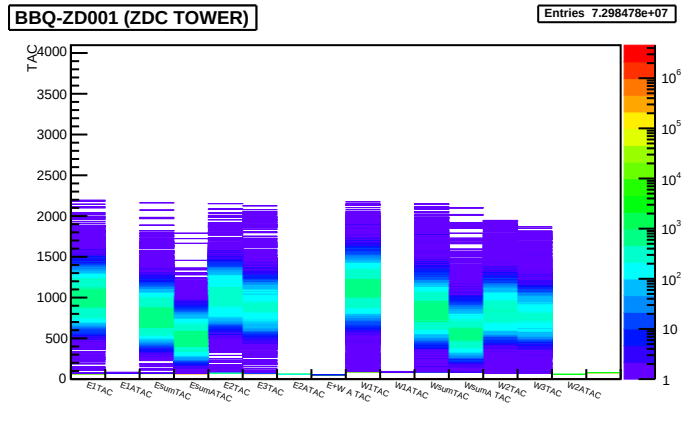

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.298478e+07
ADC
QT Input Channel

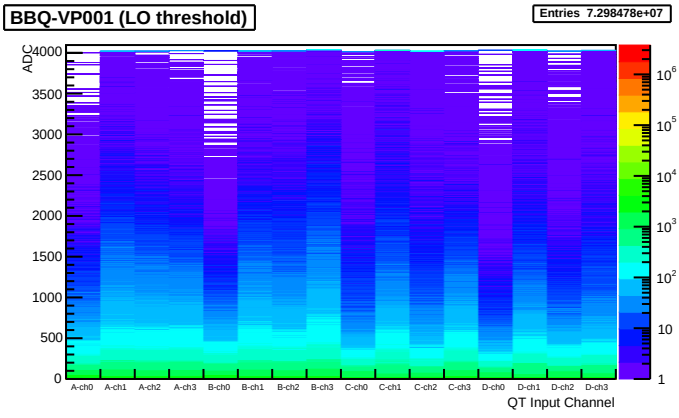

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.298478e+07
TAC
QT Input Channel

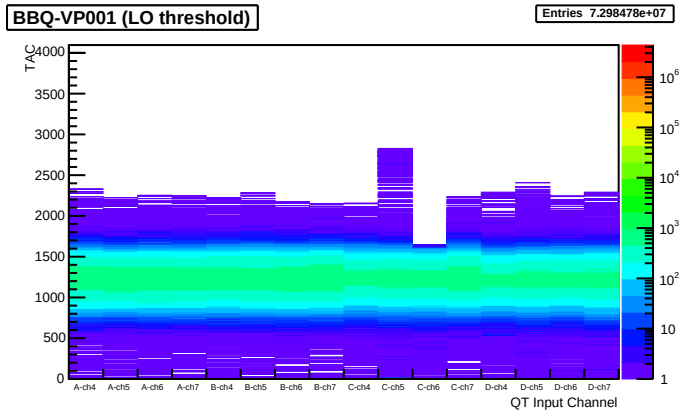

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.298478e+07
ADC
QT Input Channel

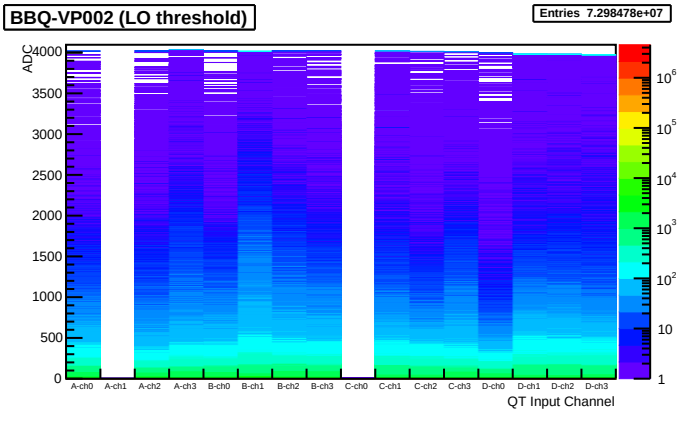

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.298478e+07
TAC
QT Input Channel

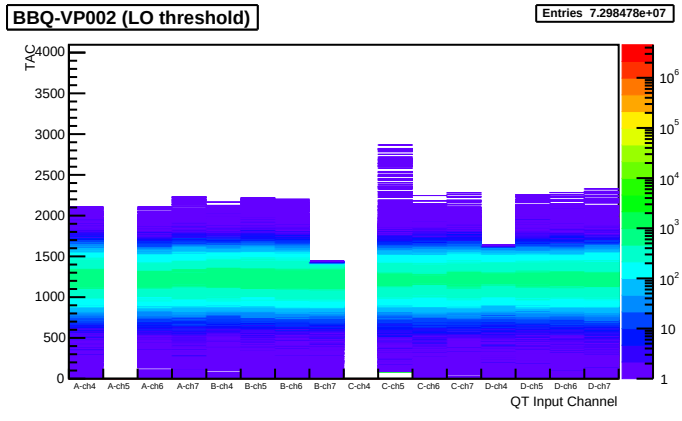

BBQ-ZD001 (ZDC TOWER)
Entries 7.298478e+07
ADC

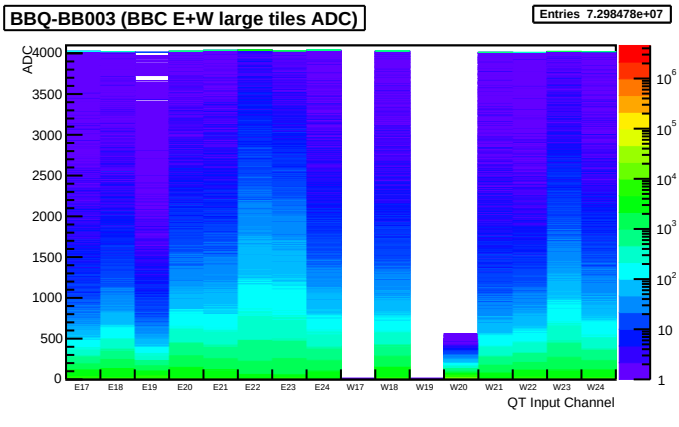

BBQ-ZD001 (ZDC TOWER)
Entries 7.298478e+07
TAC

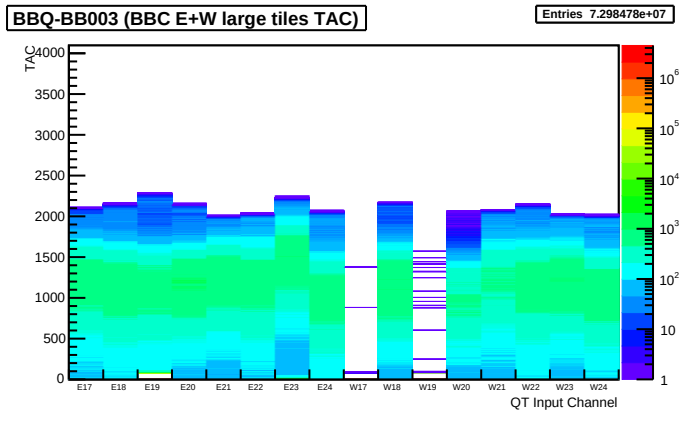

BBQ-VP001 (LO threshold)
Entries 7.298478e+07
ADC
QT Input Channel

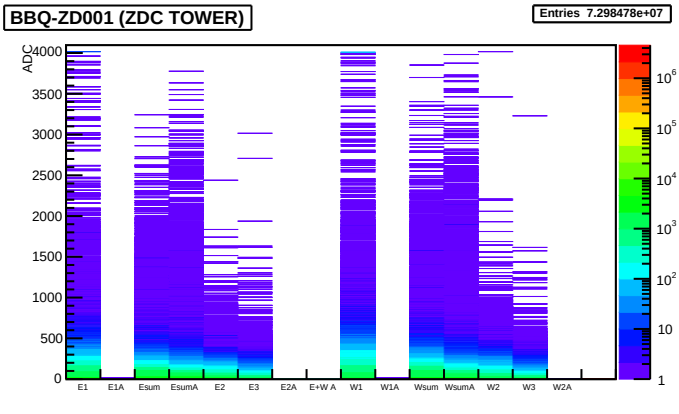

BBQ-VP001 (LO threshold)
Entries 7.298478e+07
TAC
QT Input Channel

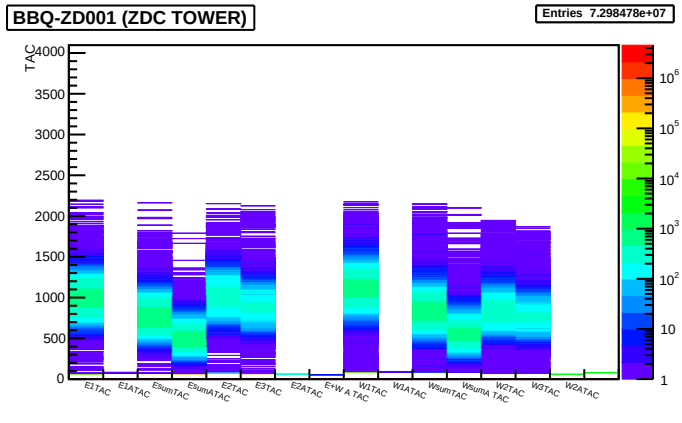

BBQ-VP002 (LO threshold)
Entries 7.298478e+07
ADC
QT Input Channel

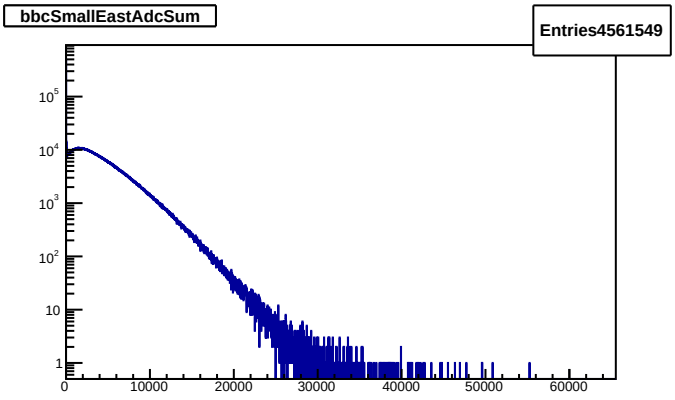

BBQ-VP002 (LO threshold)
Entries 7.298478e+07
TAC
QT Input Channel

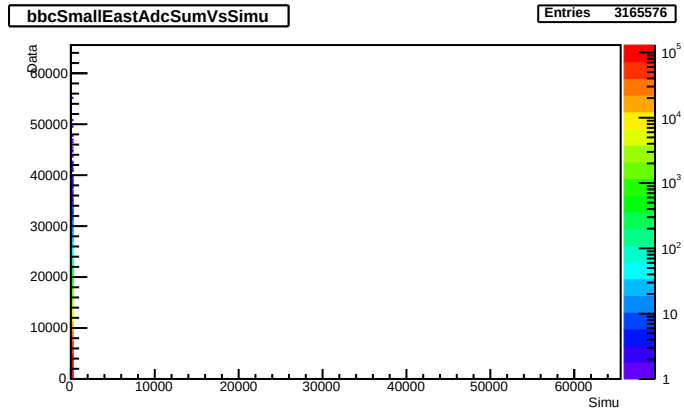

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.298478e+07
ADC
QT Input Channel

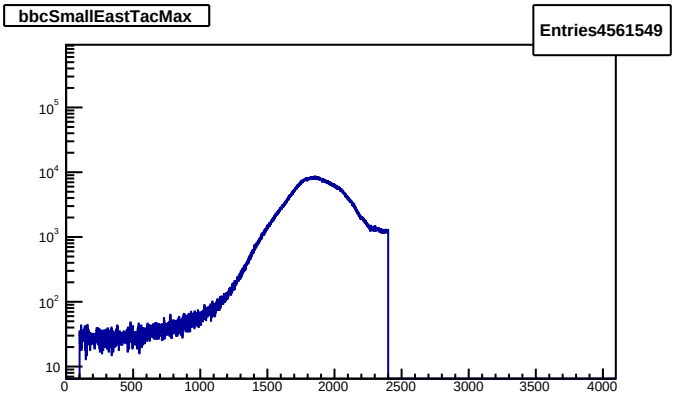

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.298478e+07
TAC
QT Input Channel

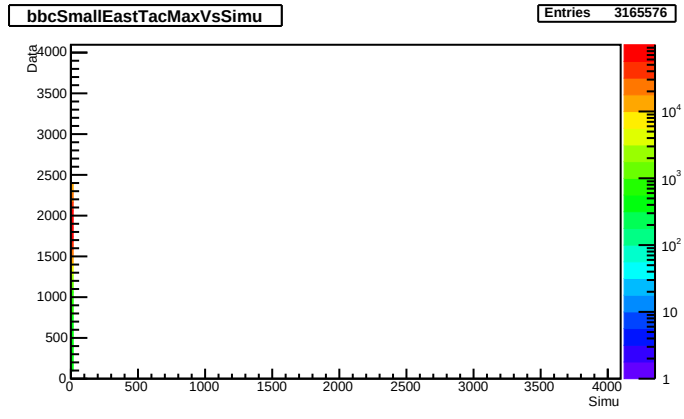

BBQ-ZD001 (ZDC TOWER)
Entries 7.298478e+07
ADC

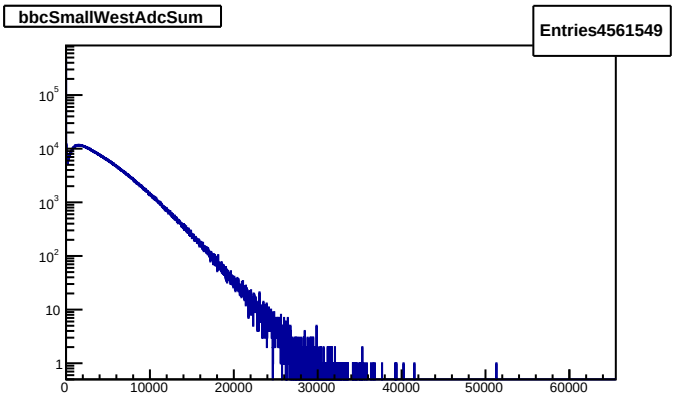

BBQ-ZD001 (ZDC TOWER)
Entries 7.298478e+07
TAC

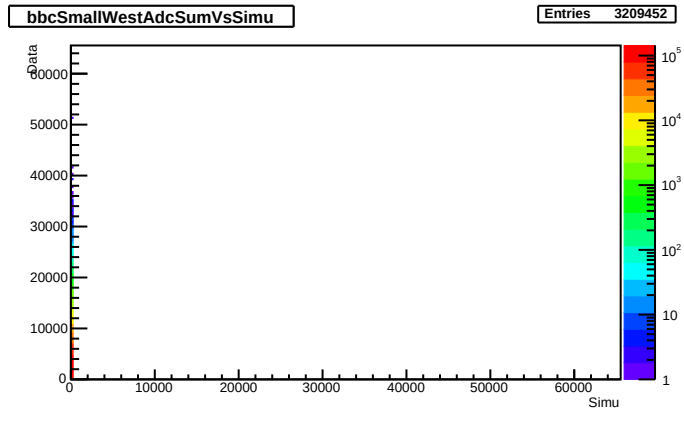

bbcSmallEastAdcSum
Entries4561549

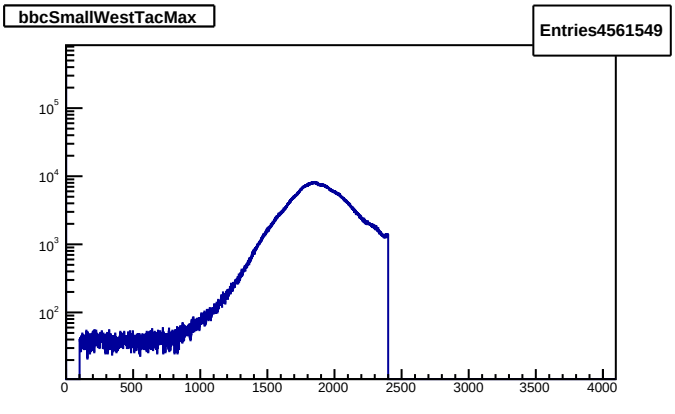

bbcSmallEastAdcSumVsSimu
Entries 3165576
Data
Simu

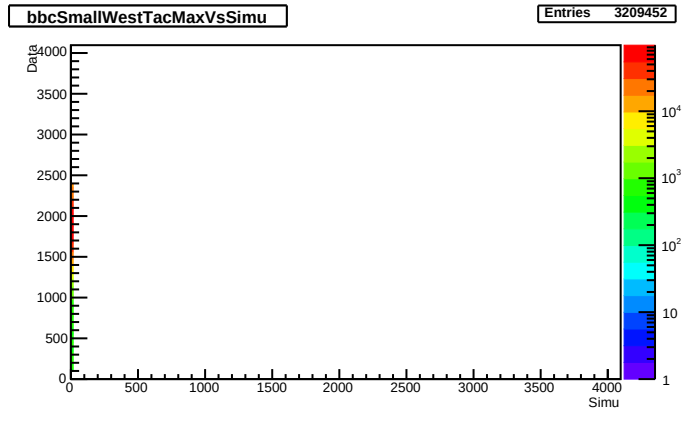

bbcSmallEastTacMax
Entries4561549

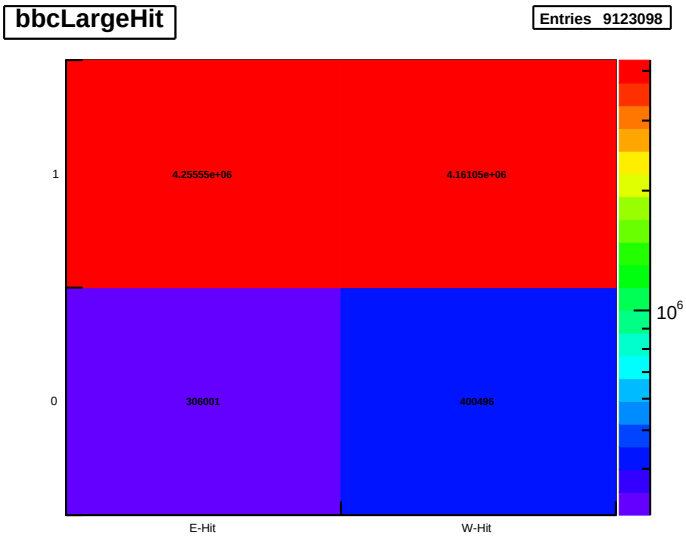

bbcSmallEastTacMaxVsSimu
Entries 3165576
Data
Simu

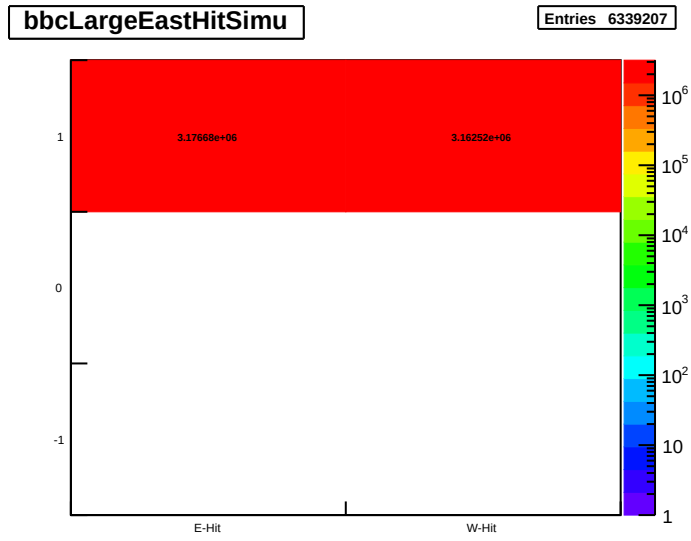

bbcSmallWestAdcSum
Entries4561549

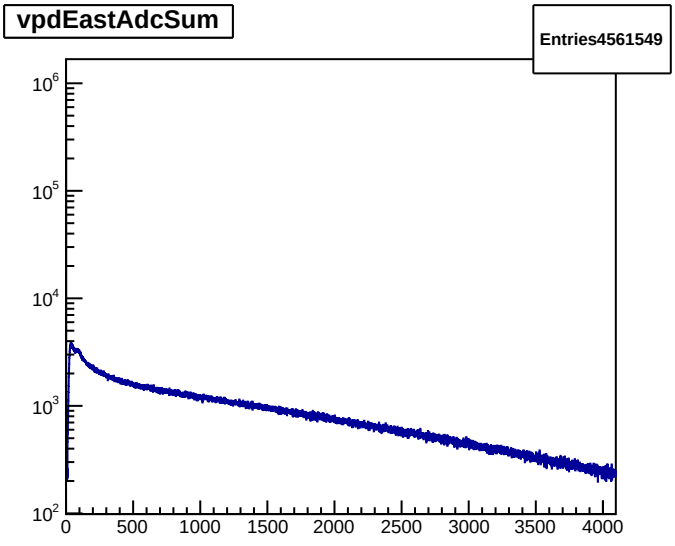

bbcSmallWestAdcSumVsSimu
Entries 3209452
Data
Simu

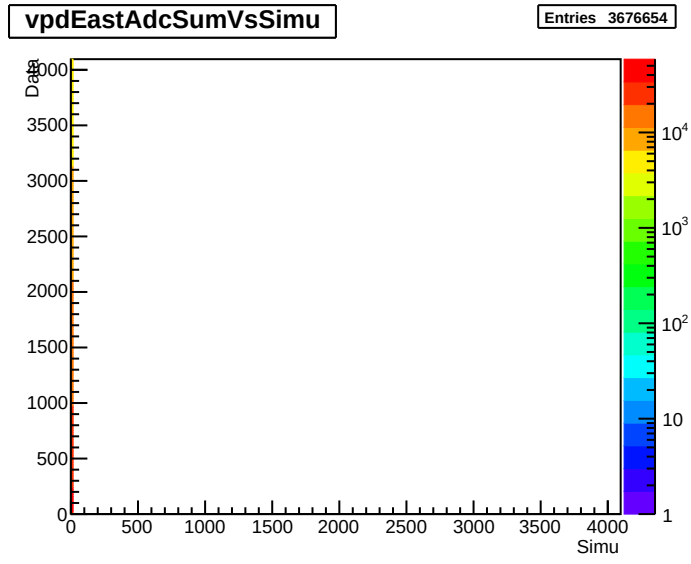

bbcSmallWestTacMax
Entries4561549

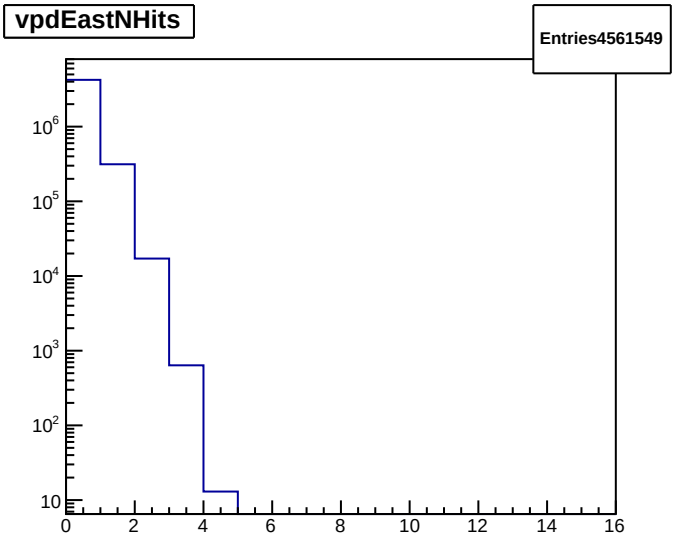

bbcSmallWestTacMaxVsSimu
Entries 3209452
Data
Simu

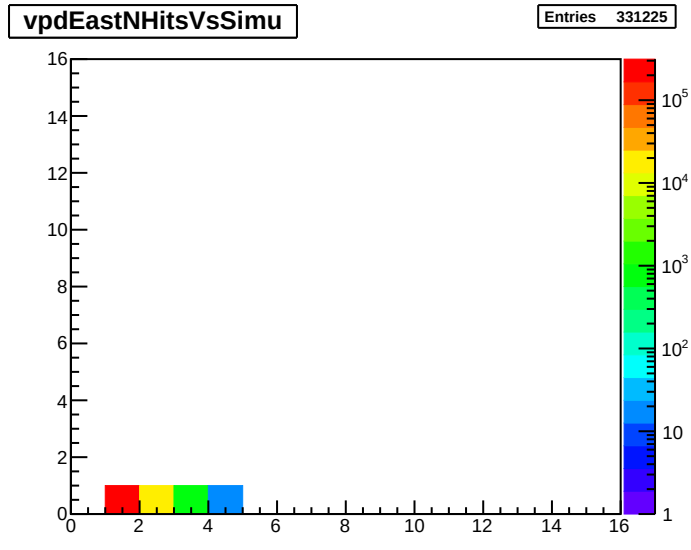

bbcLargeHit
Entries 9123098
1
0
4.25555e+06
4.16105e+06
306001
400496
E-Hit
W-Hit
10^6

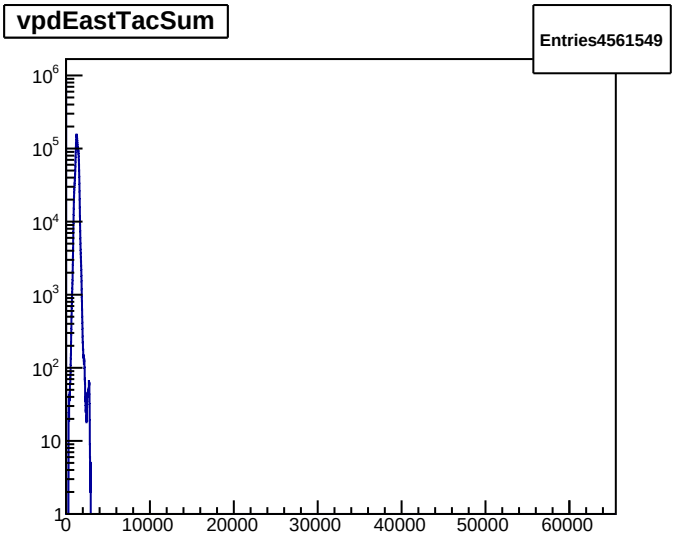

bbcLargeEastHitSimu
Entries 6339207
1
0
-1
3.17668e+06
3.16252e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

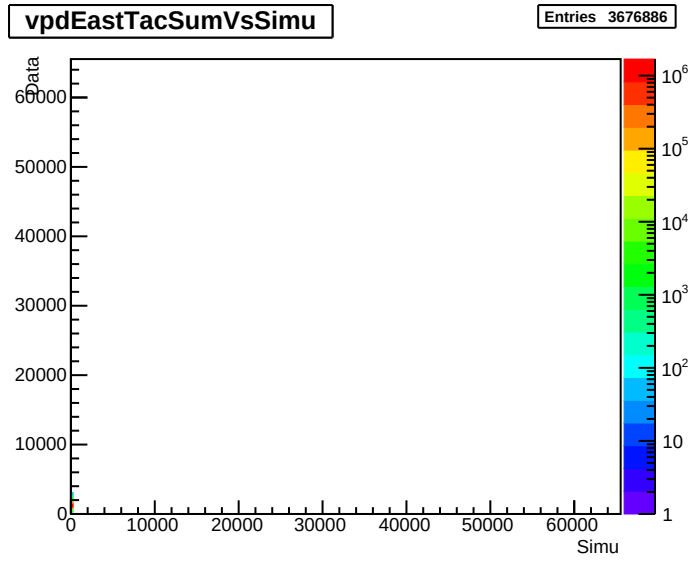

vpdEastAdcSum
Entries4561549

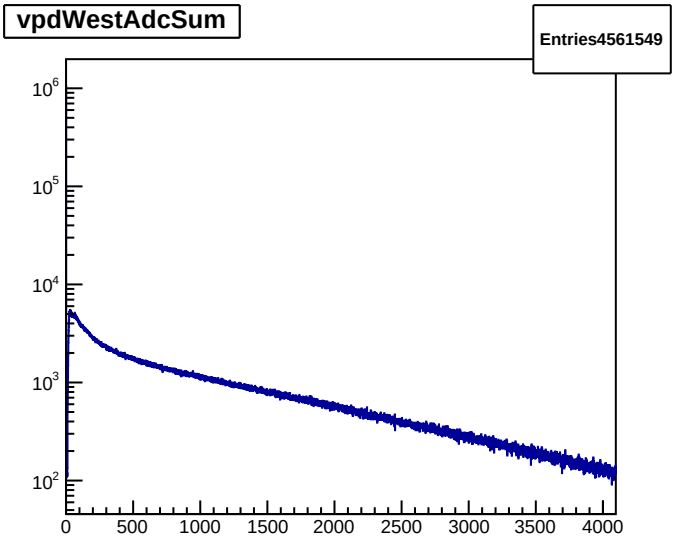

vpdEastAdcSumVsSimu
Entries 3676654
Data
Simu

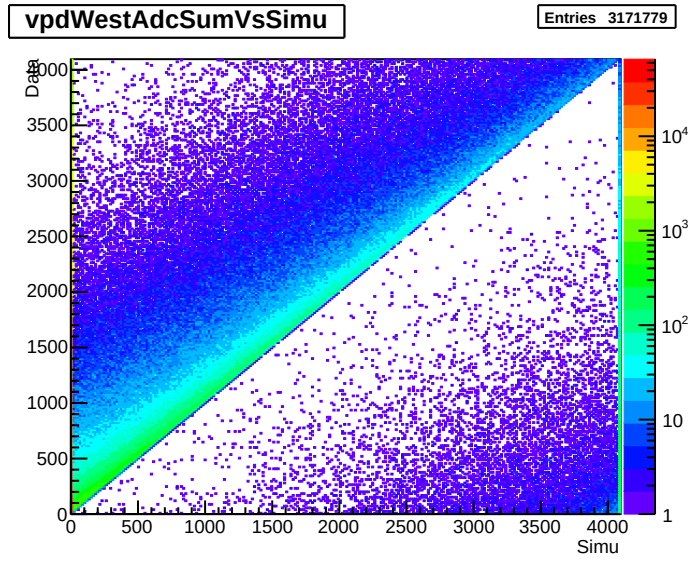

vpdEastNHits
Entries4561549

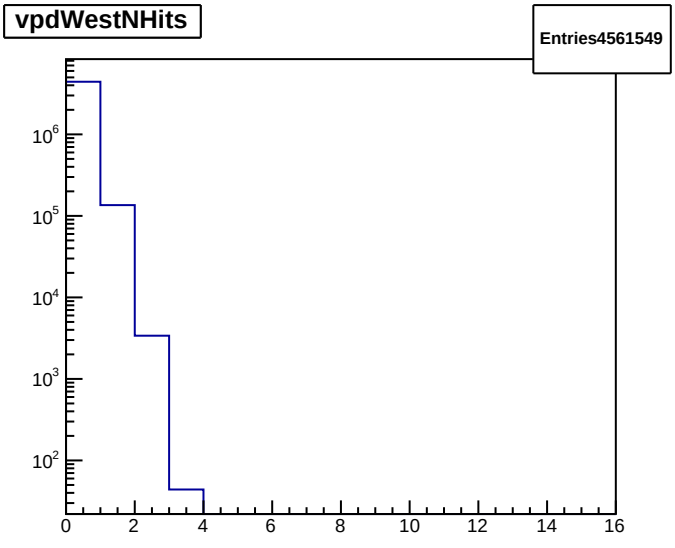

vpdEastNHitsVsSimu
Entries 331225

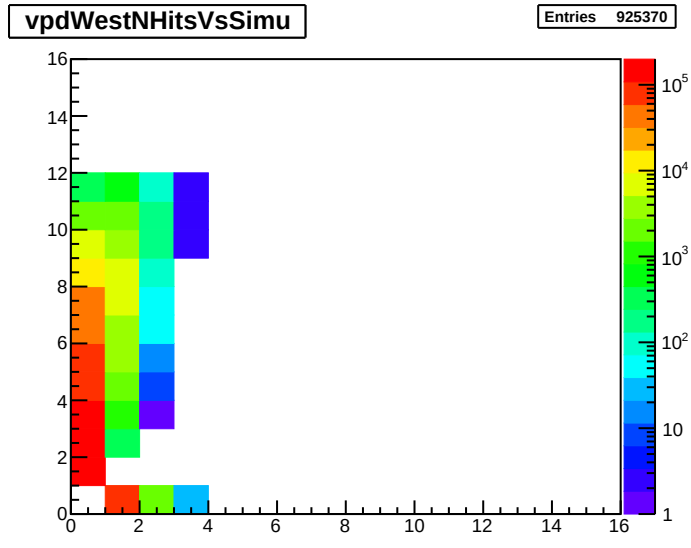

vpdEastTacSum
Entries4561549

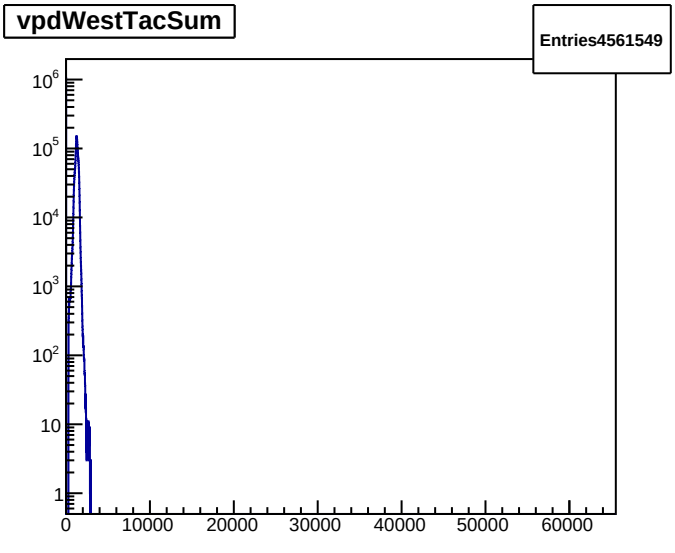

vpdEastTacSumVsSimu
Entries 3676886
Data
Simu

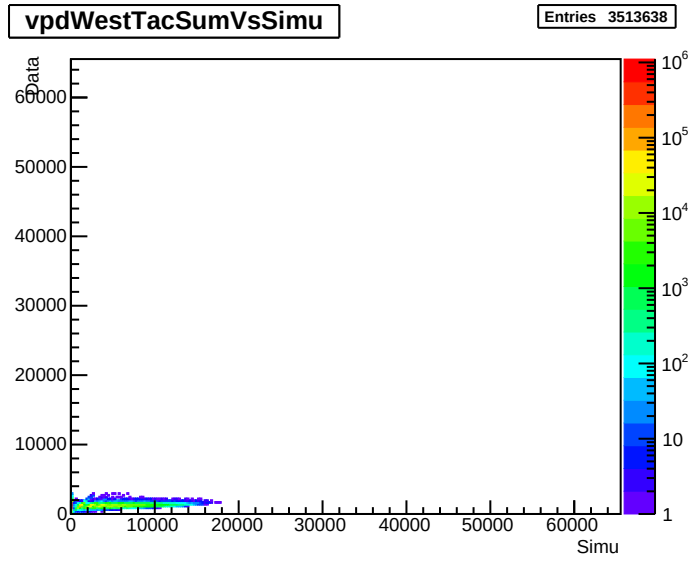

vpdWestAdcSum
Entries4561549

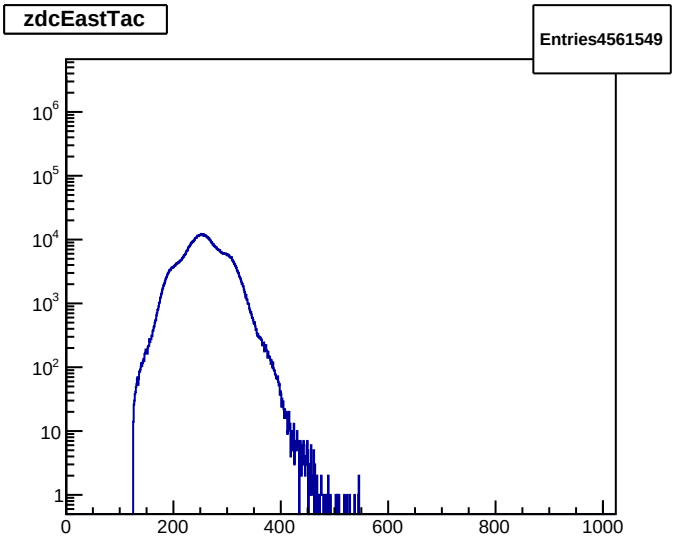

vpdWestAdcSumVsSimu
Entries 3171779
Data
Simu

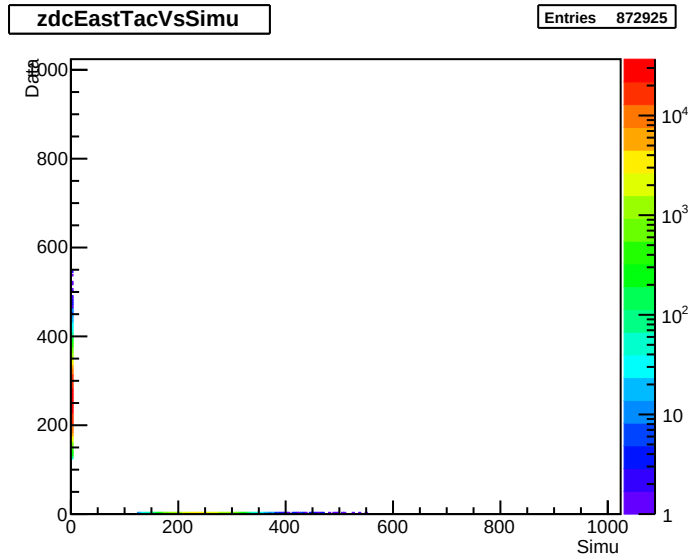

vpdWestNHits
Entries4561549

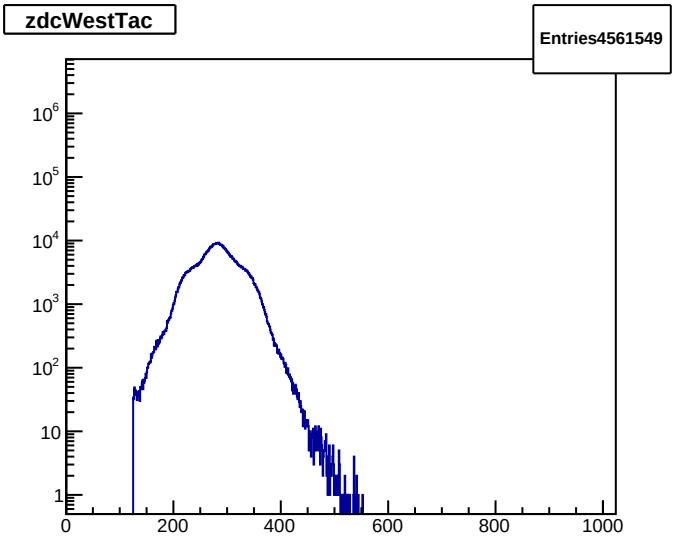

vpdWestNHitsVsSimu
Entries 925370

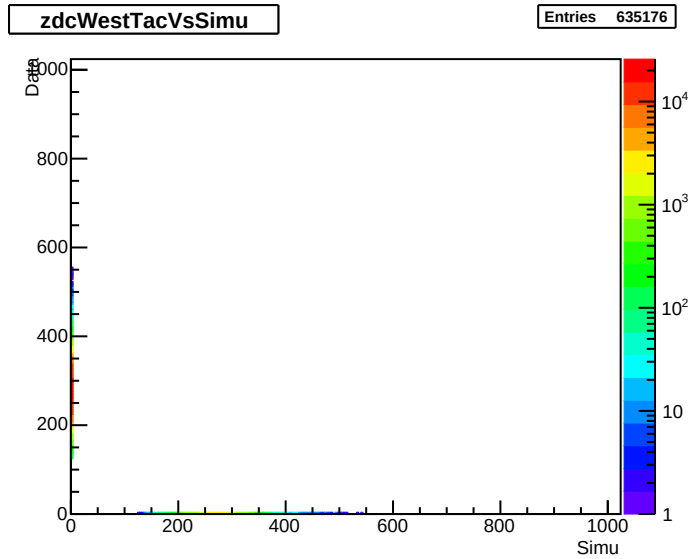

vpdWestTacSum
Entries4561549

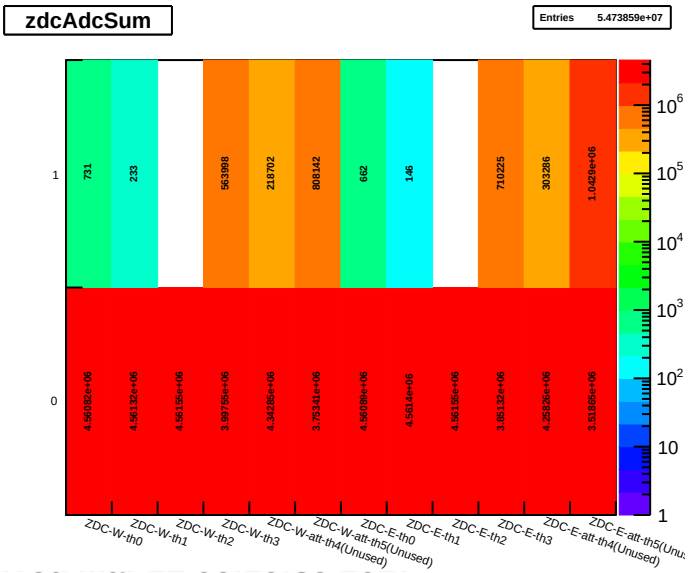

vpdWestTacSumVsSimu
Entries 3513638
Data
Simu

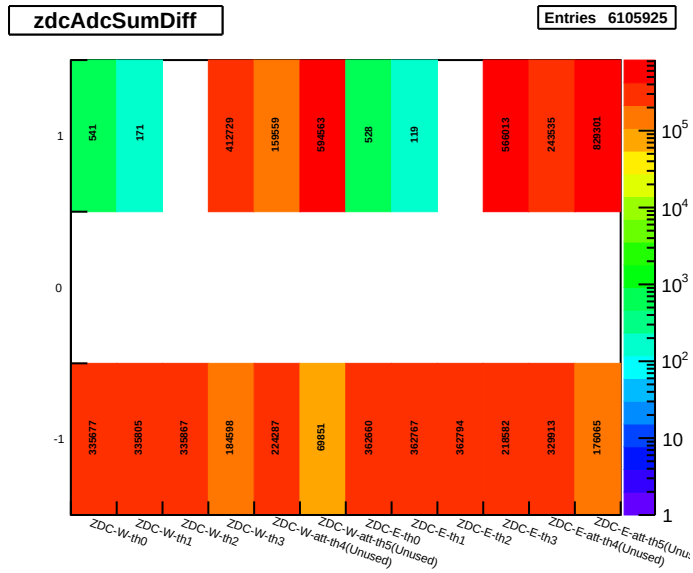

zdcEastTac
Entries4561549

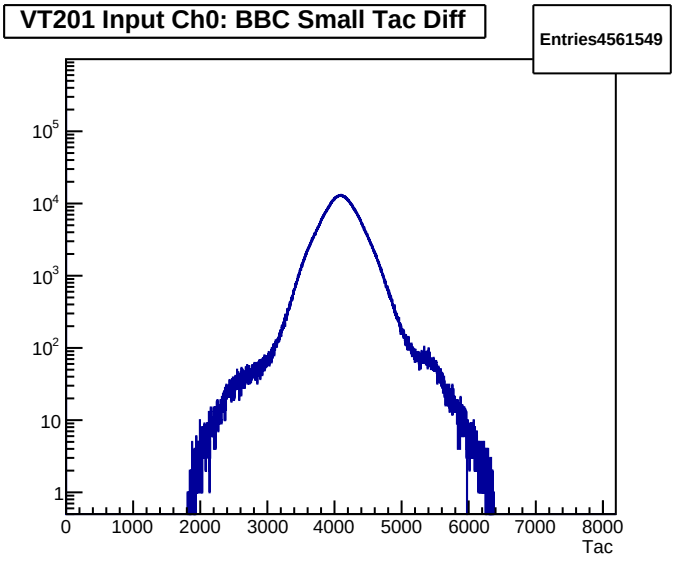

zdcEastTacVsSimu
Entries 872925
Data
Simu

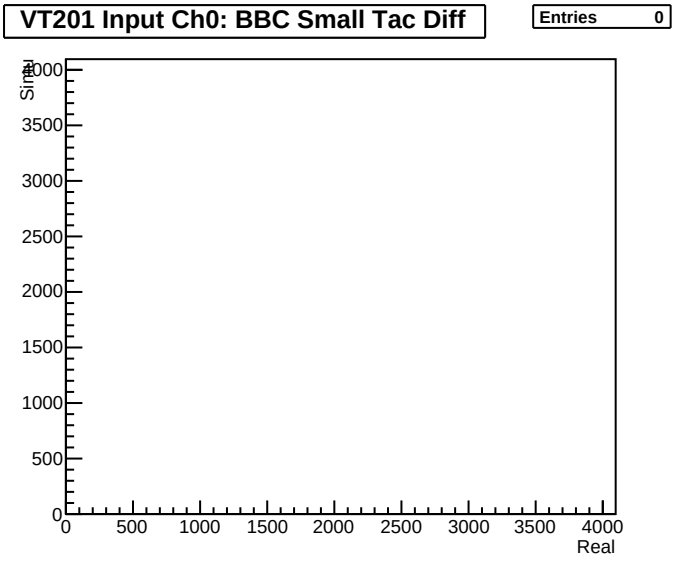

zdcWestTac
Entries4561549

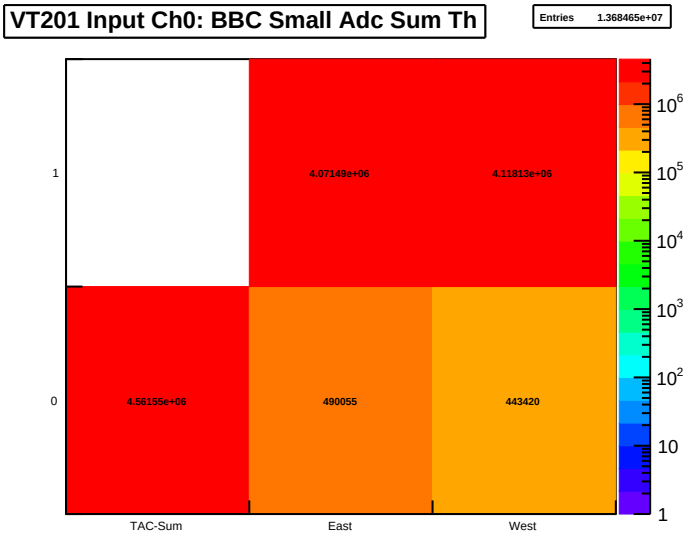

zdcWestTacVsSimu
Entries 635176
Data
Simu

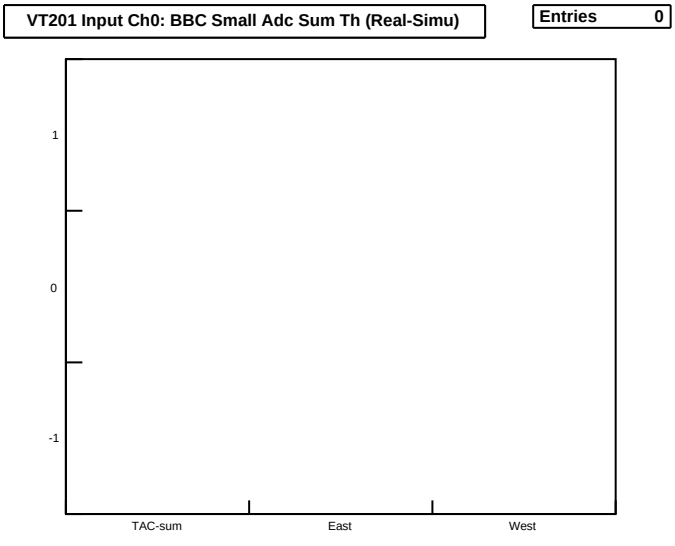

zdcAdcSum
Entries 5.473859e+07
731
233
563998
218702
809142
662
146
710225
303286
1.0429e+06
4.56082e+06
4.56132e+06
4.56155e+06
3.99795e+06
4.34285e+06
3.75341e+06
4.56089e+06
4.5614e+06
4.56155e+06
3.88132e+06
4.25836e+06
3.51865e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

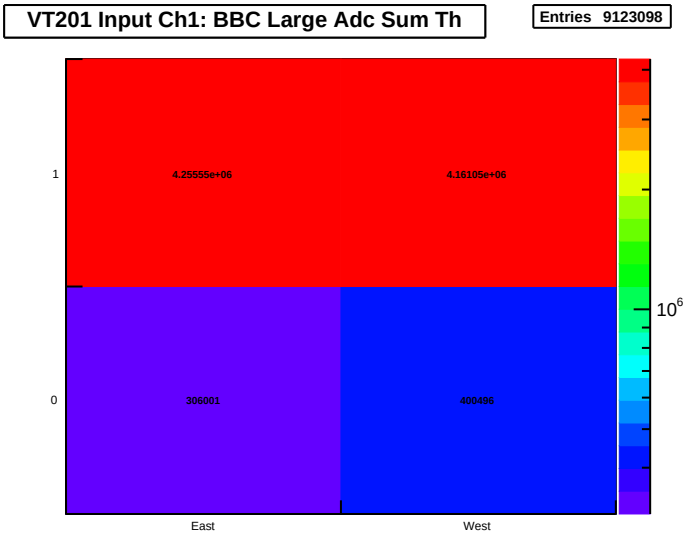

zdcAdcSumDiff
Entries 6105925
541
171
412729
159559
594563
528
119
566013
243535
829301
335677
339805
335867
184598
224287
69851
362660
362767
362794
216582
329913
176065
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

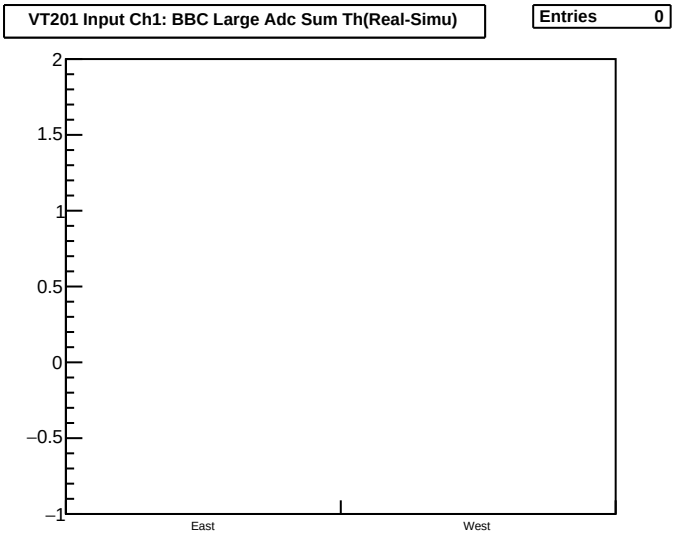

VT201 Input Ch0: BBC Small Tac Diff
Entries4561549
Tac


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

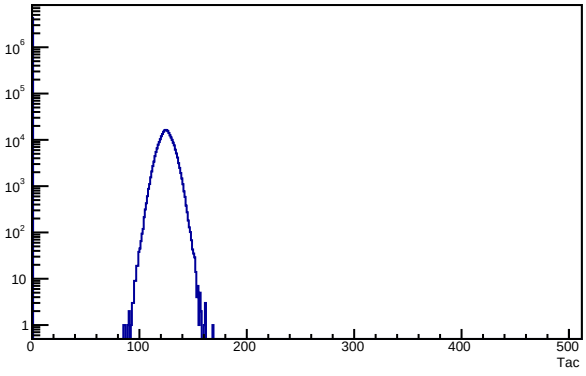

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.368465e+07
4.07149e+06
4.11813e+06
4.56155e+06
490055
443420
TAC-Sum
East
West


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

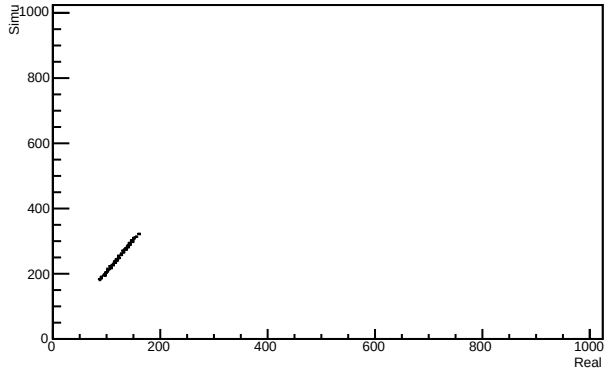

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9123098
4.25555e+06
4.16105e+06
306001
400496
East
West


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

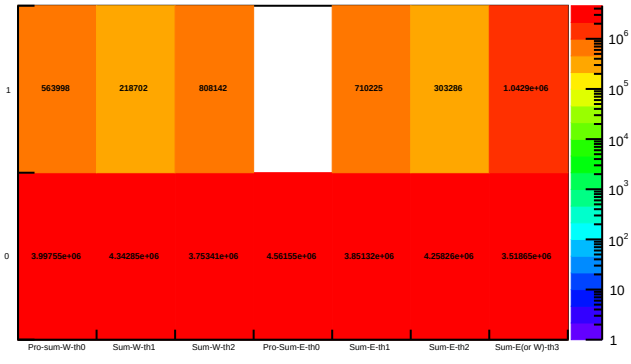
VT201 Input Ch2: ZDC Tac Diff



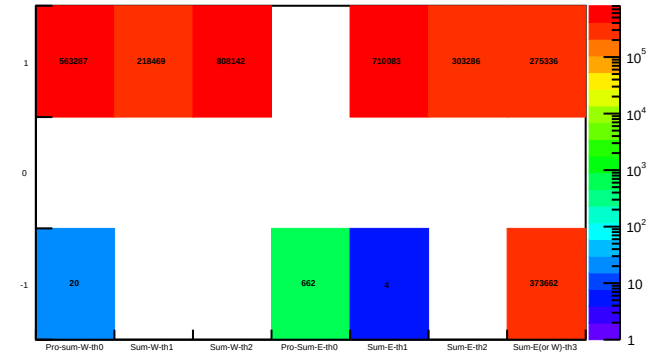
VT201 Input Ch2: ZDC Tac Diff



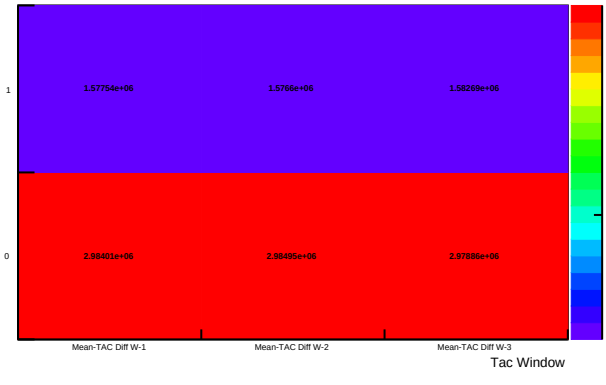
VT201 Input Ch2: ZDC Adc Sum Th



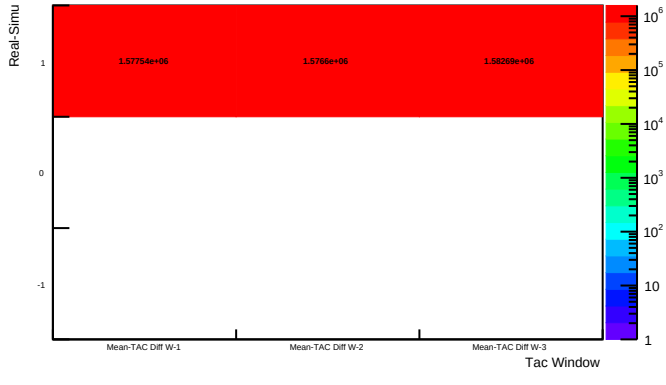
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



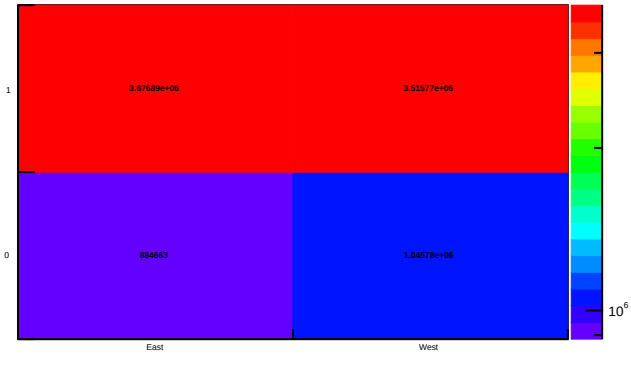
VT201 Input Ch4: VPD Tac Diff



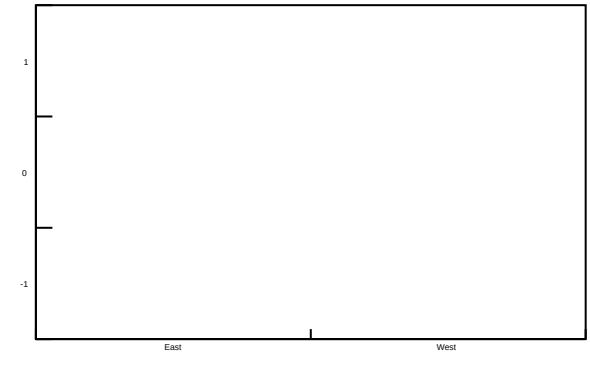
VT201 Input Ch4: VPD Tac Diff

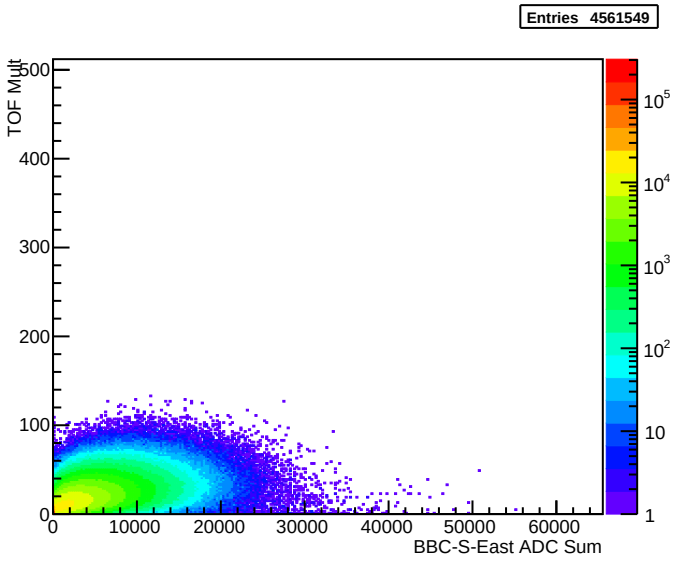


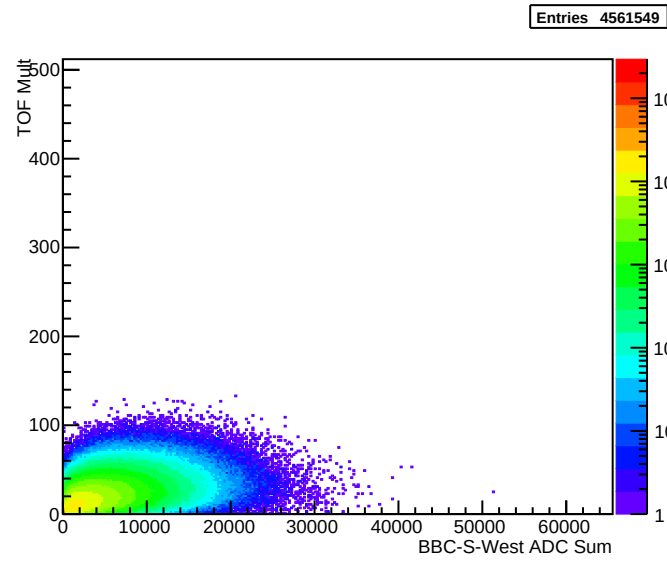
VT201 Input Ch4: VPD Adc Sum Th

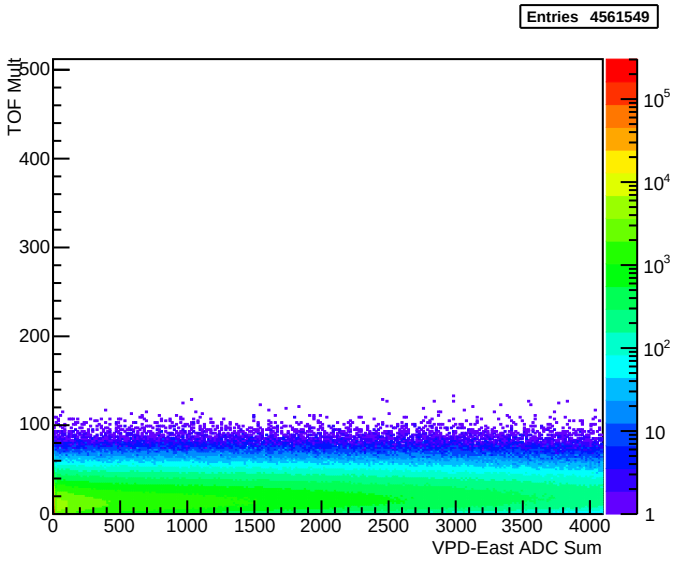


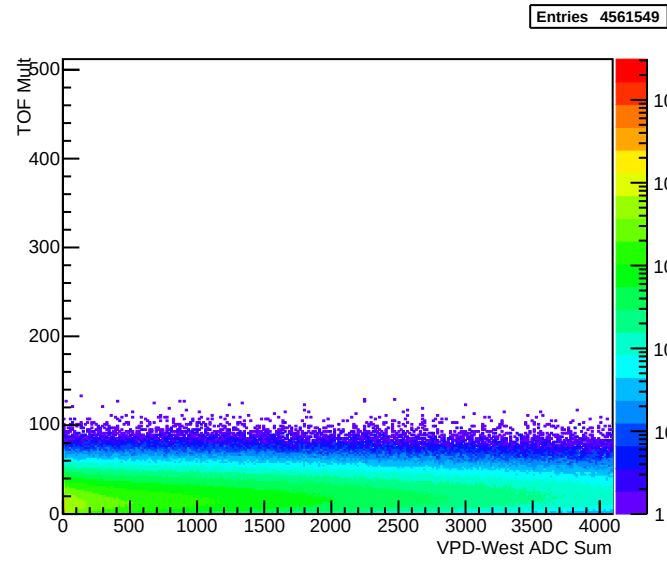
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

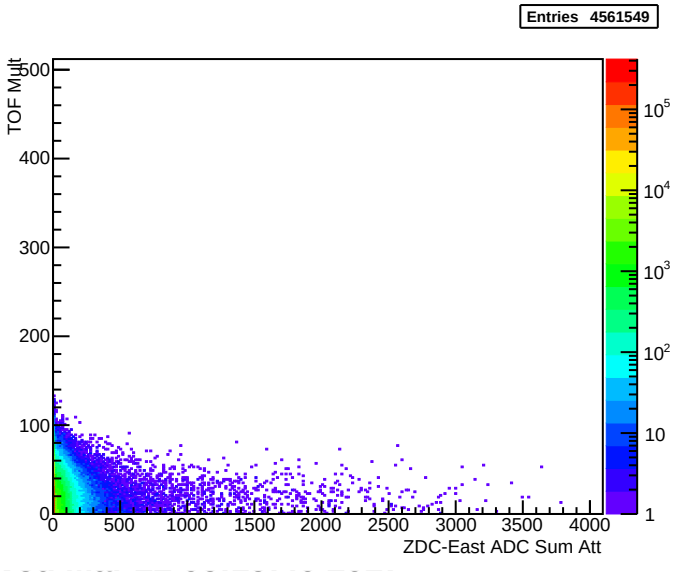


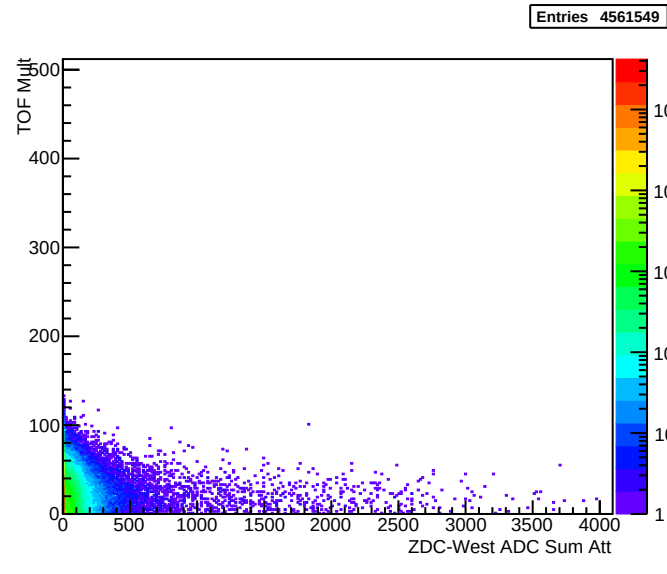

Entries 4561549
TOF Mult
BBC-S-East ADC Sum

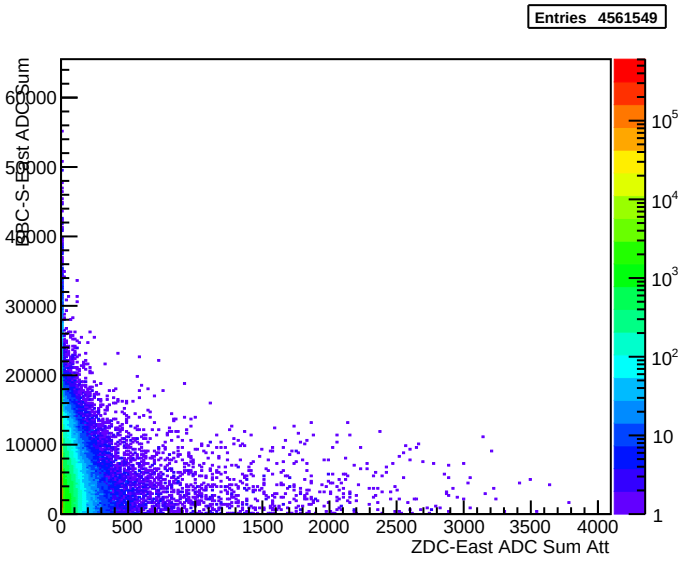

Entries 4561549
TOF Mult
BBC-S-West ADC Sum

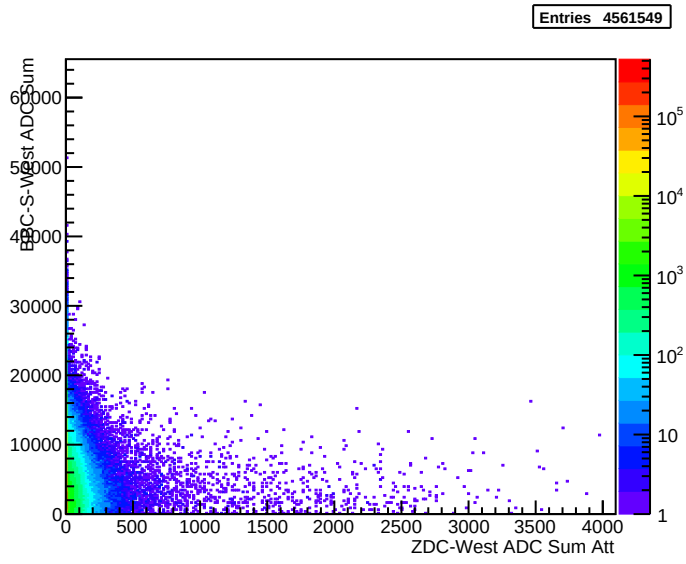

Entries 4561549
TOF Mult
VPD-East ADC Sum

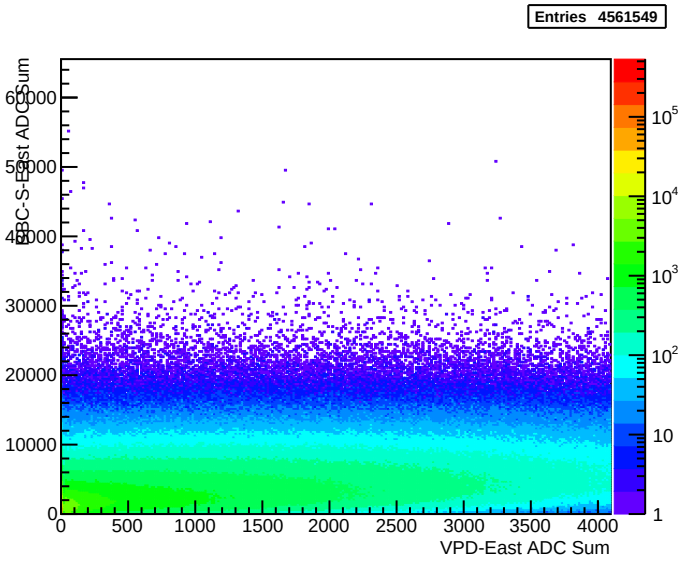

Entries 4561549
TOF Mult
VPD-West ADC Sum

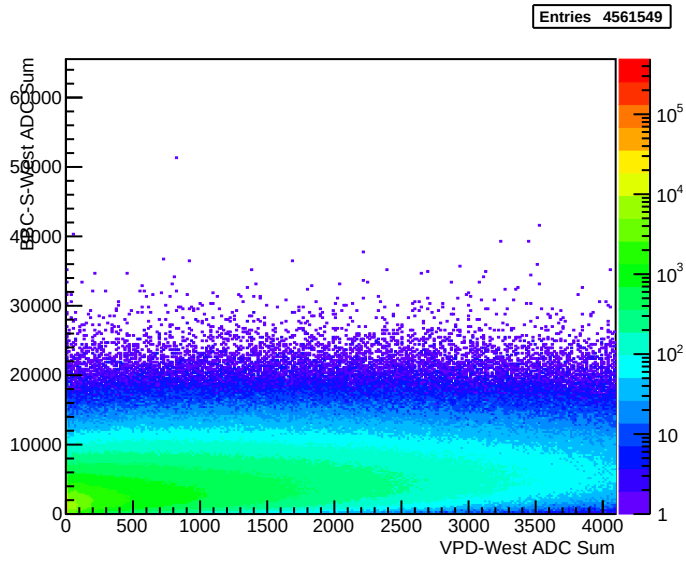

Entries 4561549
TOF Mult
ZDC-East ADC Sum Att

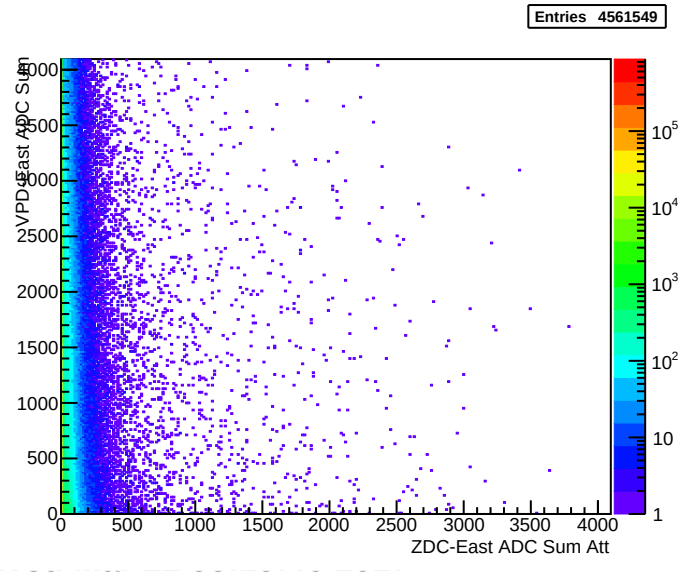

Entries 4561549
TOF Mult
ZDC-West ADC Sum Att

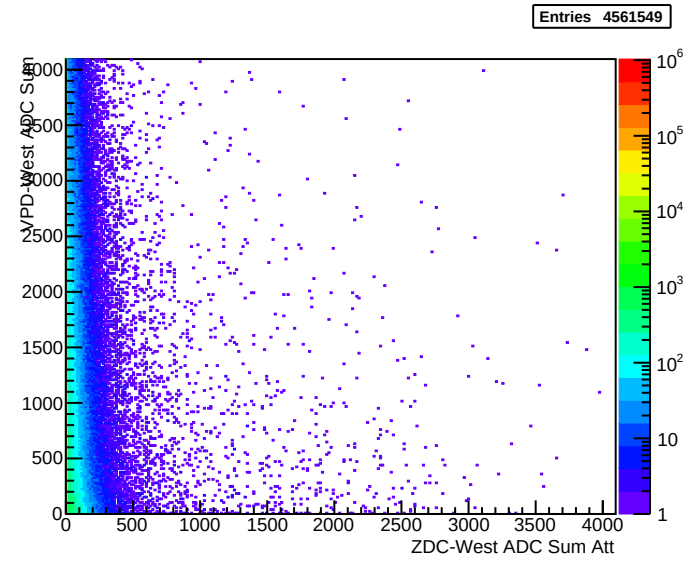

Entries 4561549
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

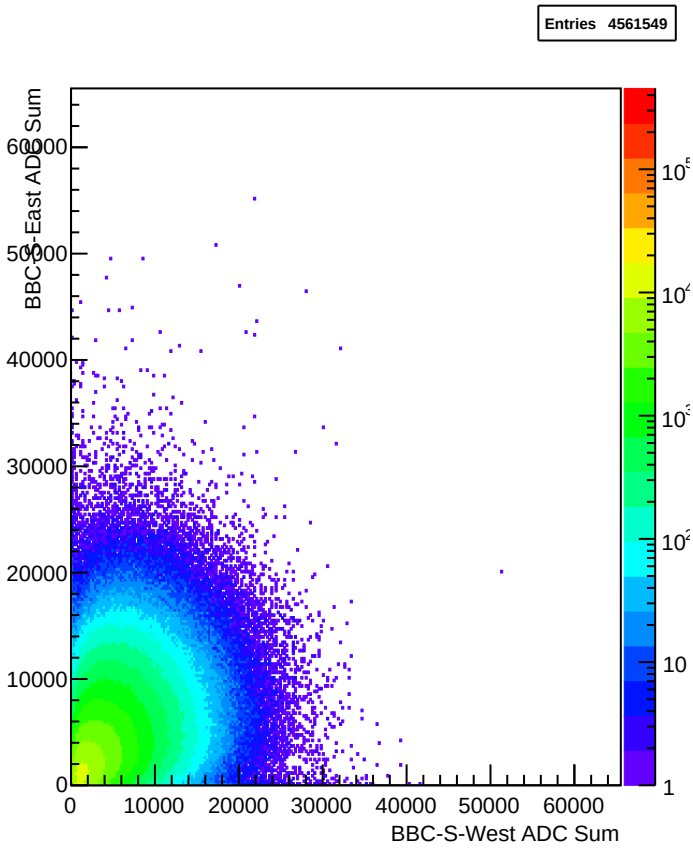

Entries 4561549
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

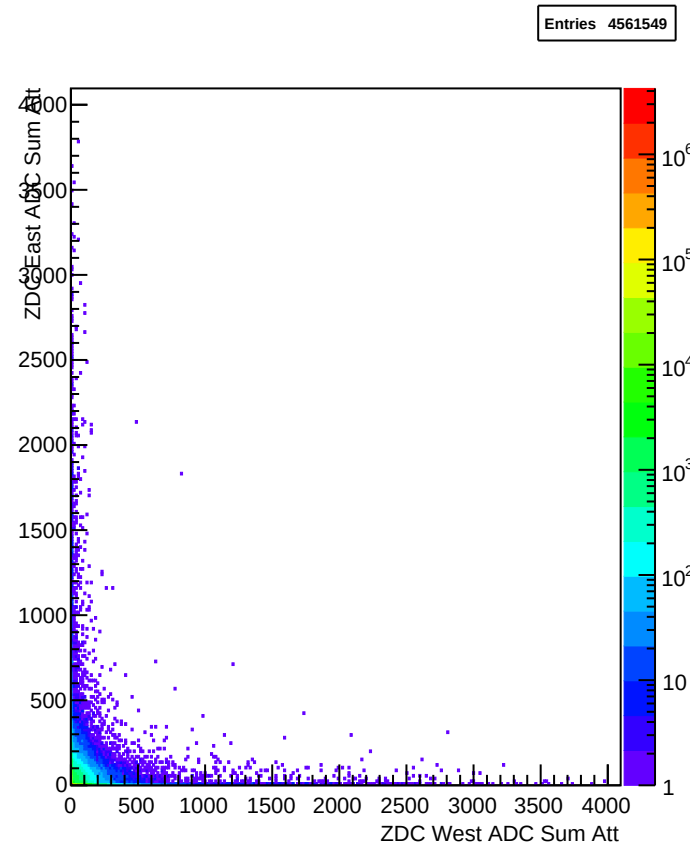

Entries 4561549
BBC-S-East ADC Sum
VPD-East ADC Sum

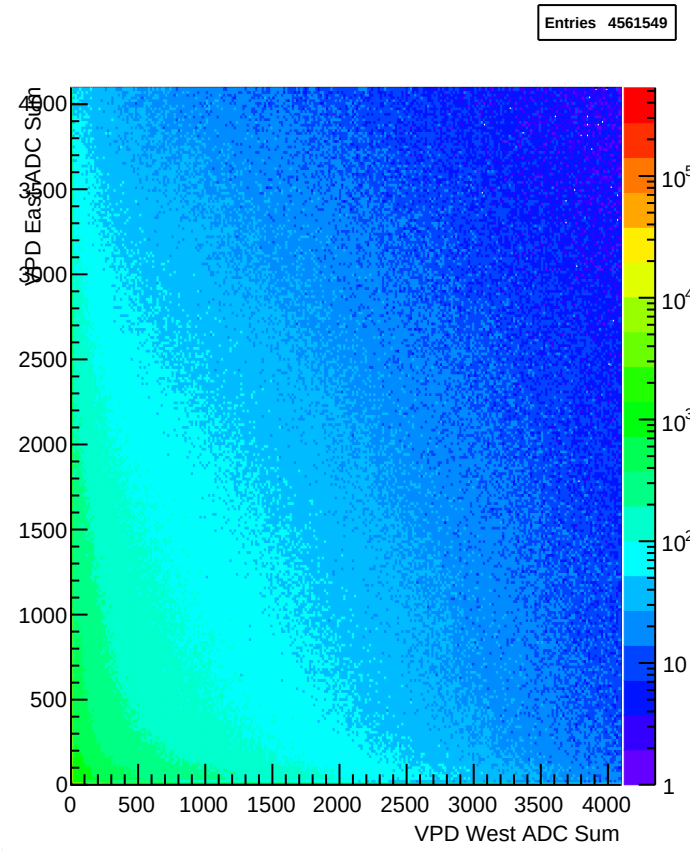

Entries 4561549
BBC-S-West ADC Sum
VPD-West ADC Sum

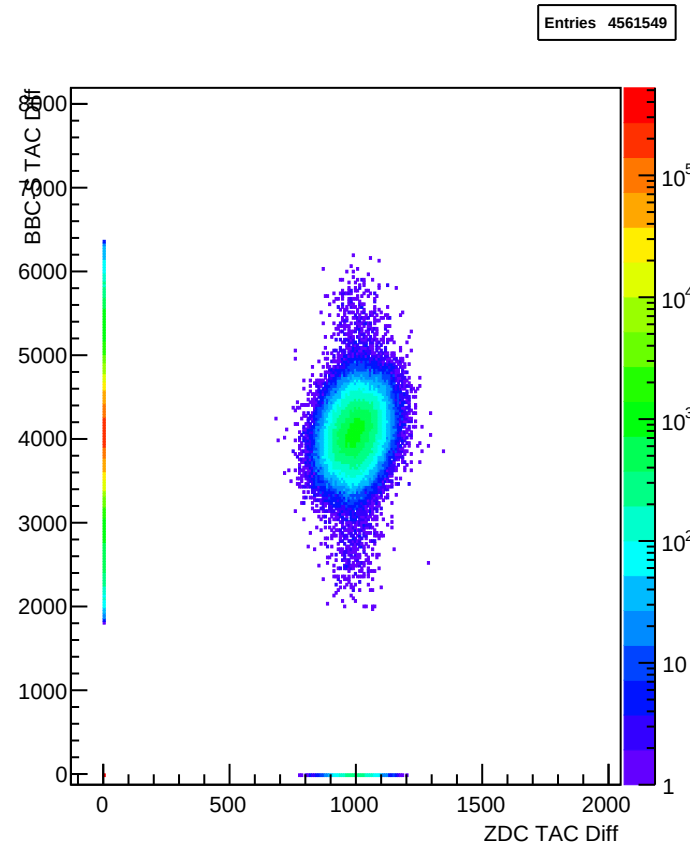

Entries 4561549
VPD-East ADC Sum
ZDC-East ADC Sum Att

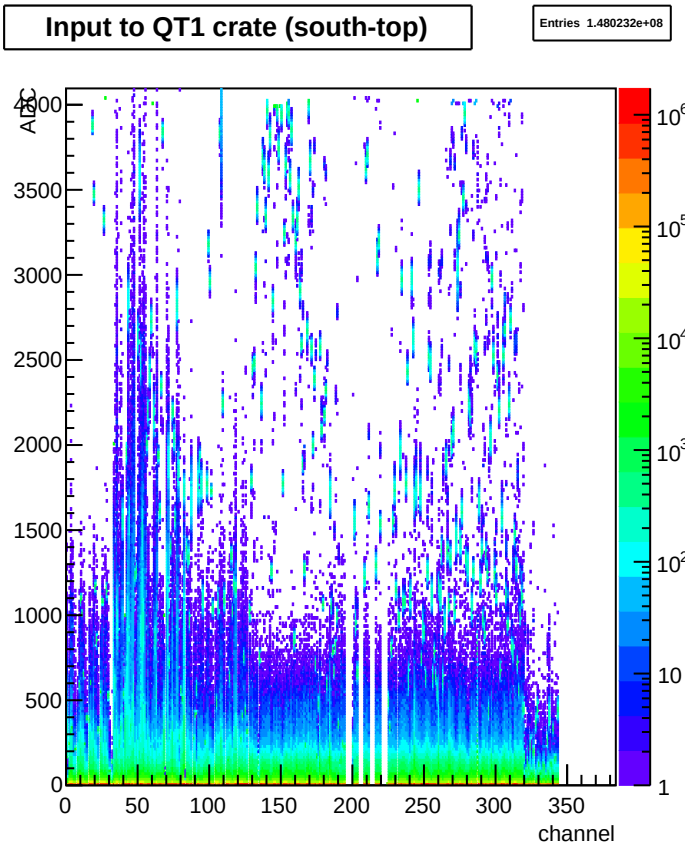

Entries 4561549
VPD-West ADC Sum
ZDC-West ADC Sum Att

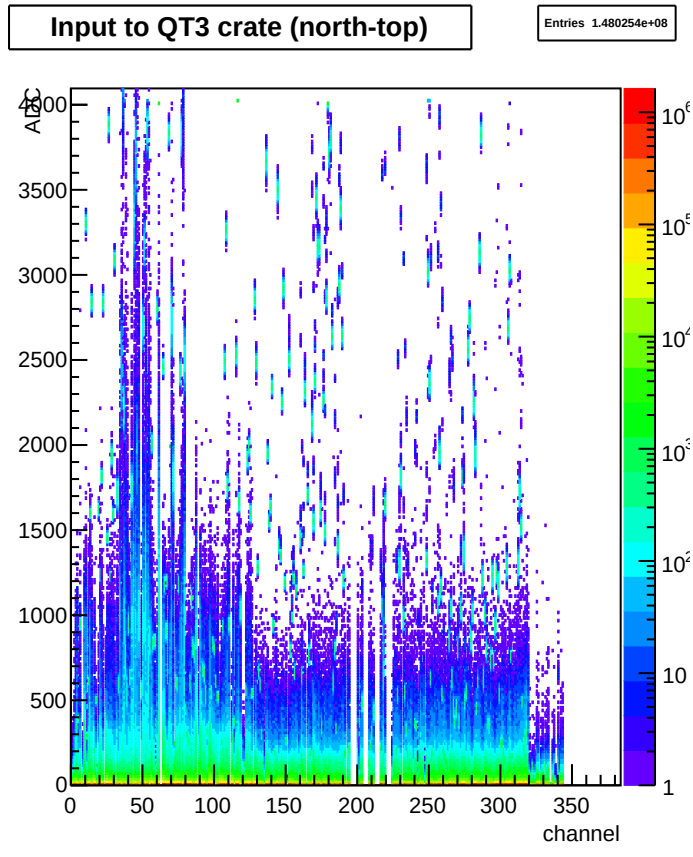

Entries 4561549
BBC-S-East ADC Sum
BBC-S-West ADC Sum

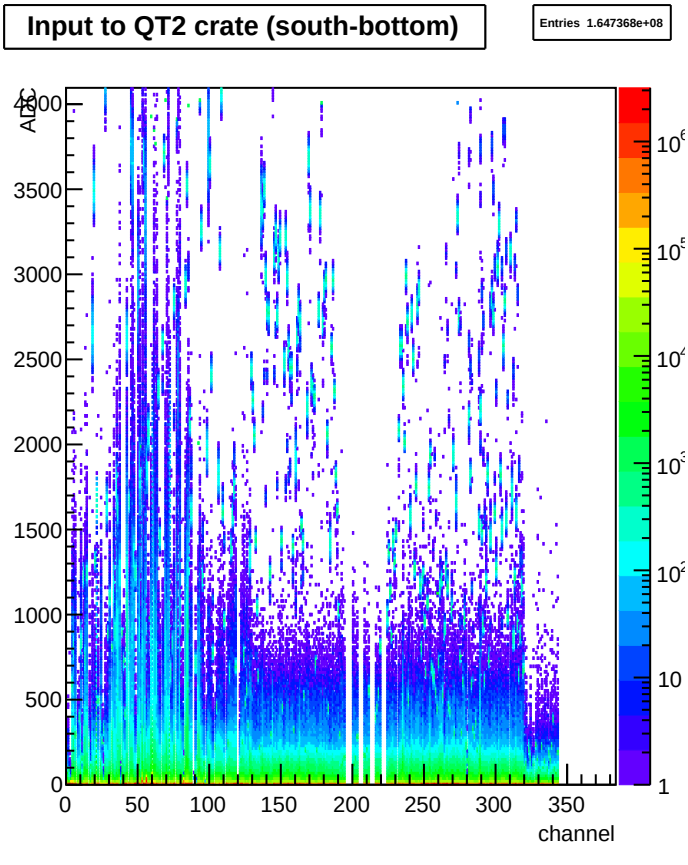

Entries 4561549
ZDC East ADC Sum Att
ZDC West ADC Sum Att

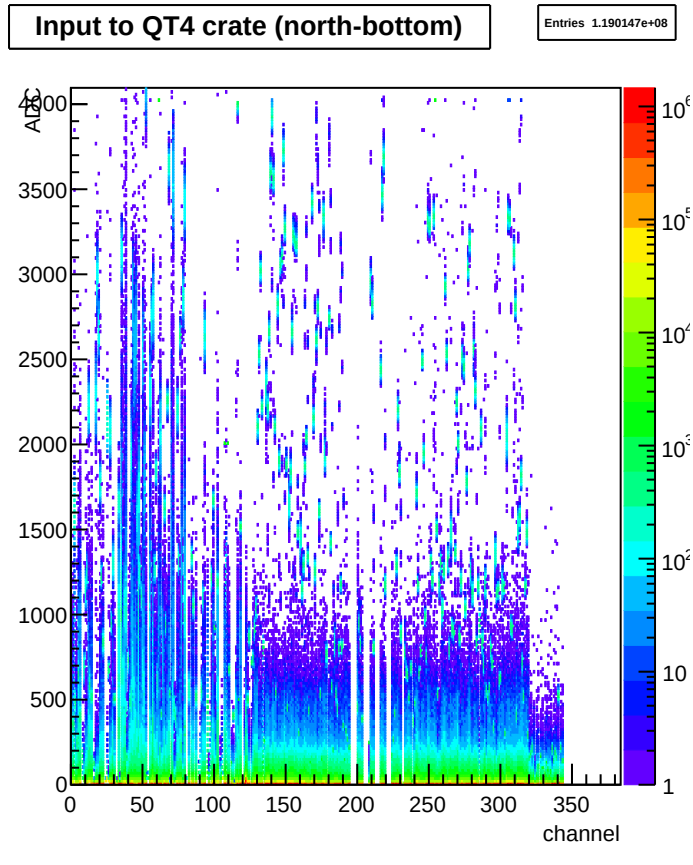

Entries 4561549
VPD East ADC Sum
VPD West ADC Sum

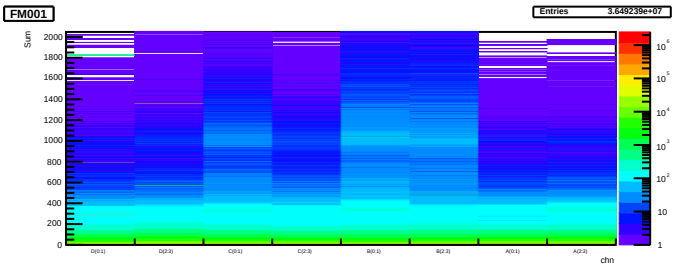

Entries 4561549
BBC-S TAC Diff
ZDC TAC Diff

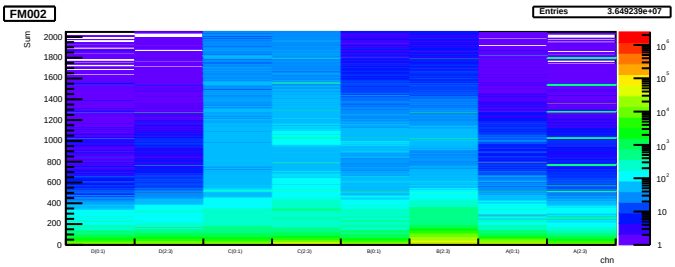

Input to QT1 crate (south-top)
Entries 1.480232e+08
ADC
channel

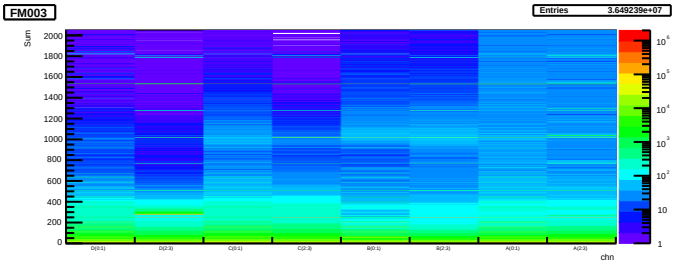

Input to QT3 crate (north-top)
Entries 1.480254e+08
ADC
channel

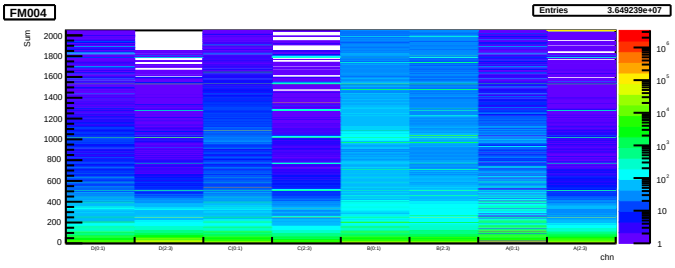

Input to QT2 crate (south-bottom)
Entries 1.647368e+08
ADC
channel

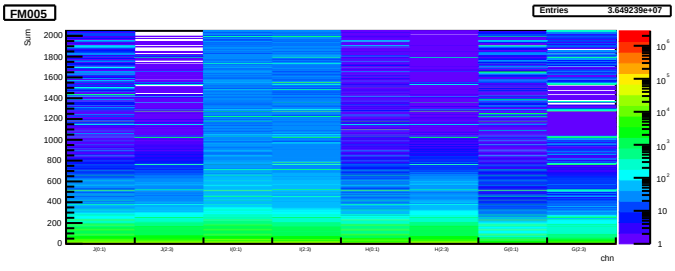

Input to QT4 crate (north-bottom)
Entries 1.190147e+08
ADC
channel

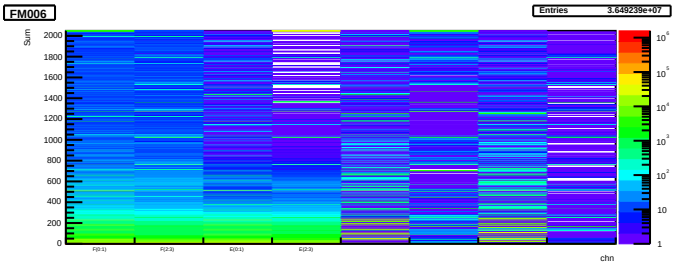

FM001
Entries 3.649239e+07
Sum
chn


FM002
Entries 3.649239e+07
Sum
chn


FM003
Entries 3.649239e+07
Sum
chn


FM004
Entries 3.649239e+07
Sum
chn


FM005
Entries 3.649239e+07
Sum
chn


FM006
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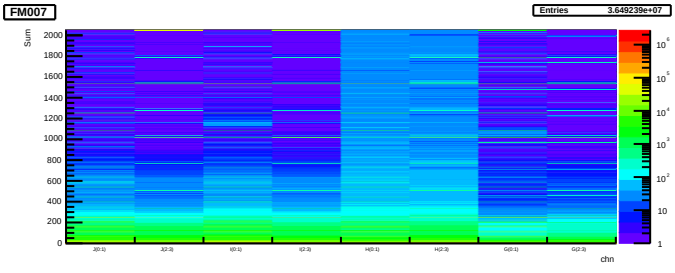
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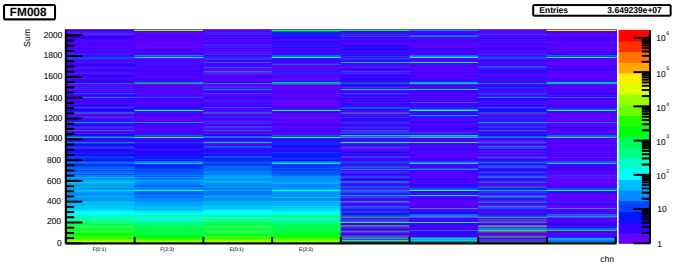
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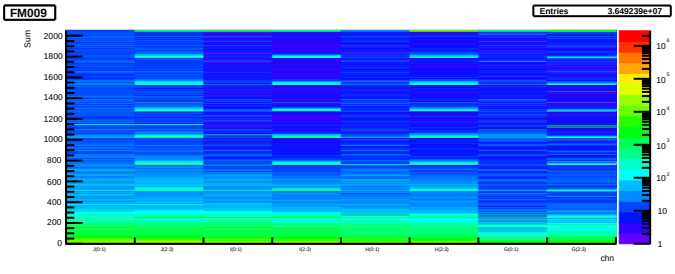
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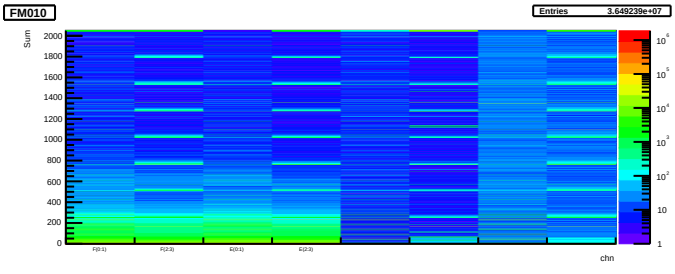
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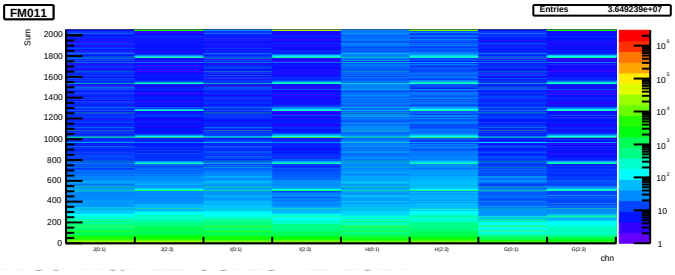
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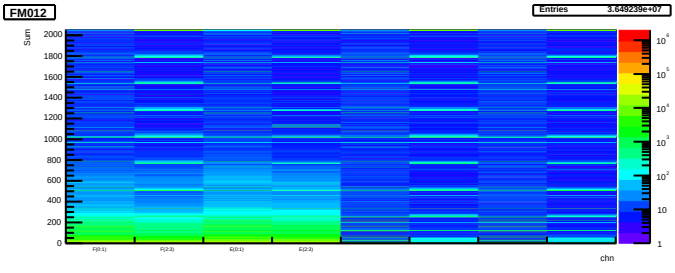
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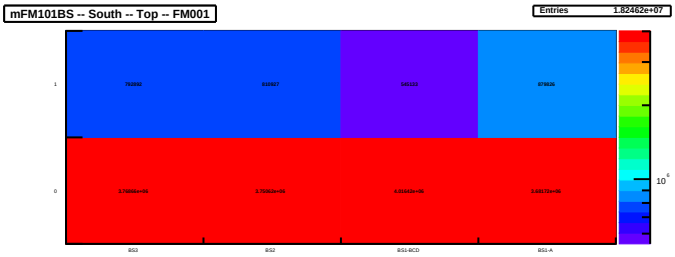
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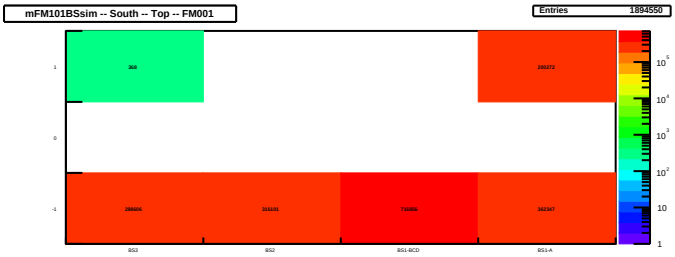
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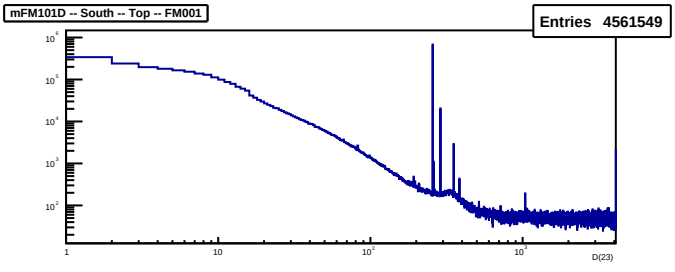
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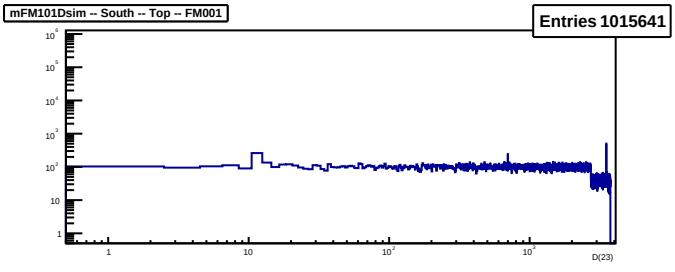
Entries 4561549
D(23)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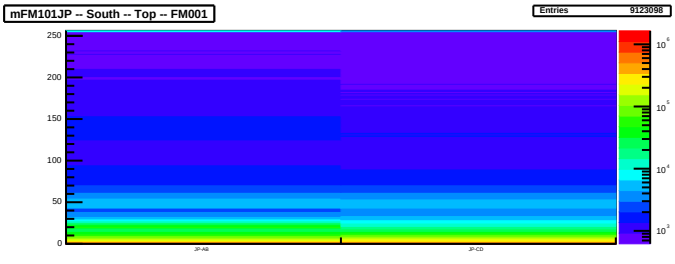
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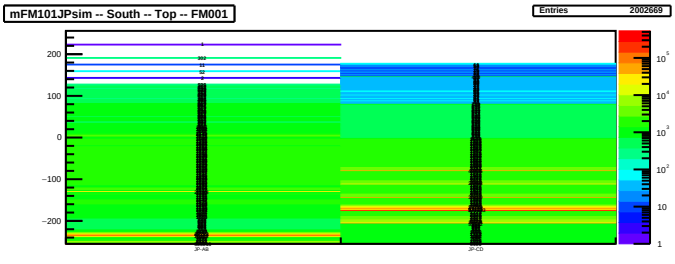
Entries 9123098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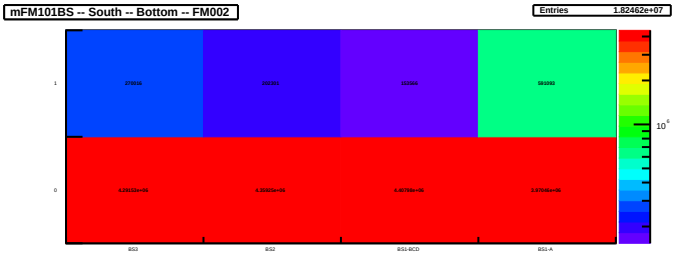
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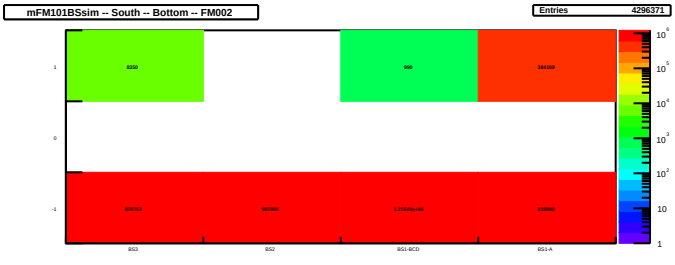
Entries 1.82462e+07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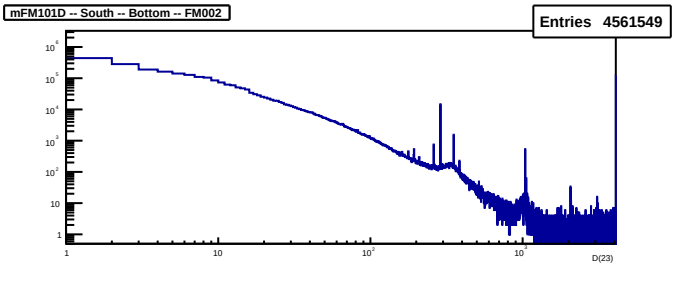
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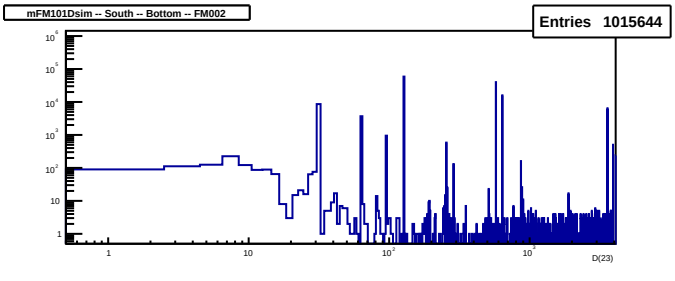
Entries 4561549
D(23)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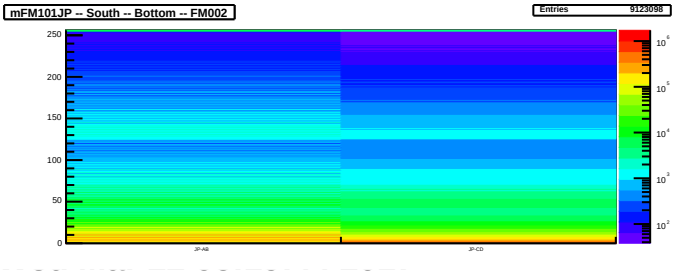
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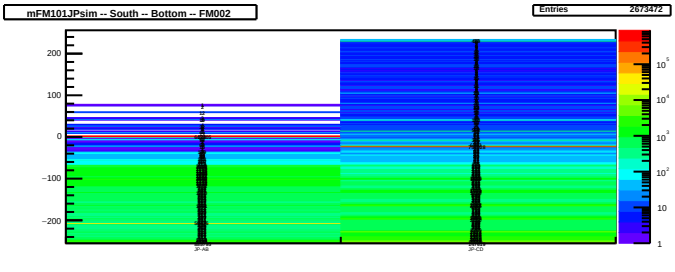
Entries 9123098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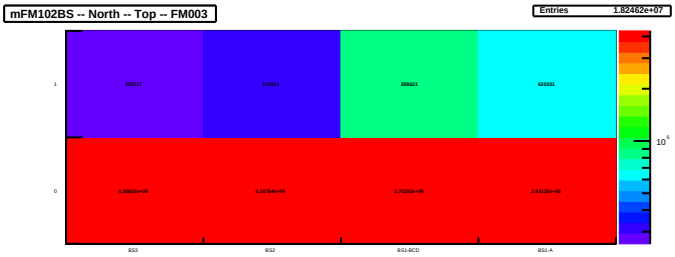
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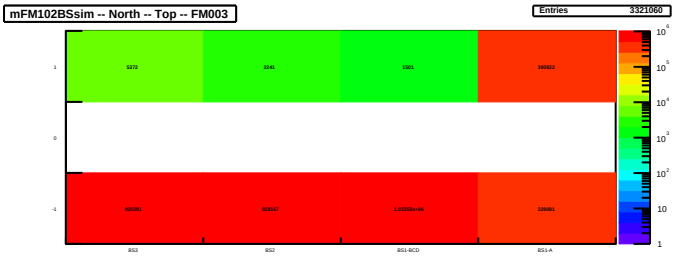
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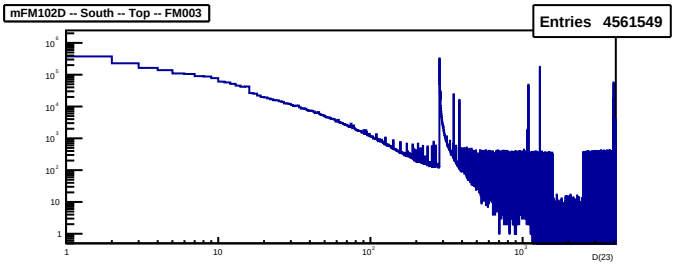
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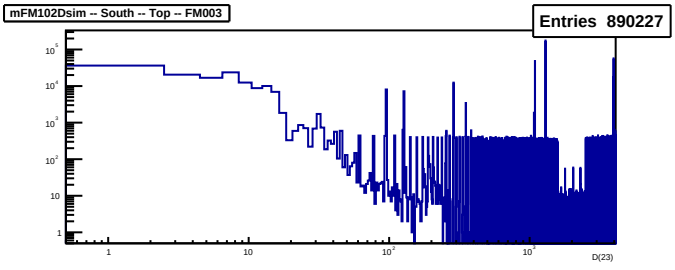
Entries 4561549
D(23)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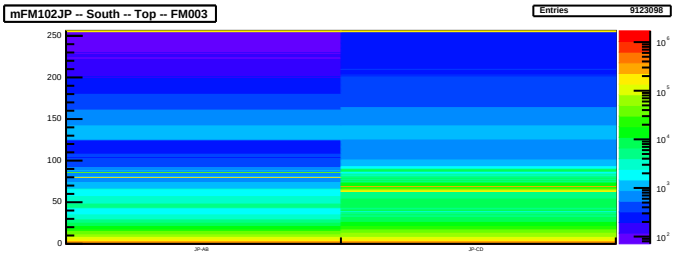
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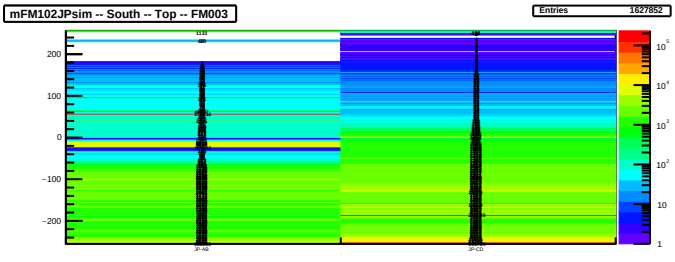
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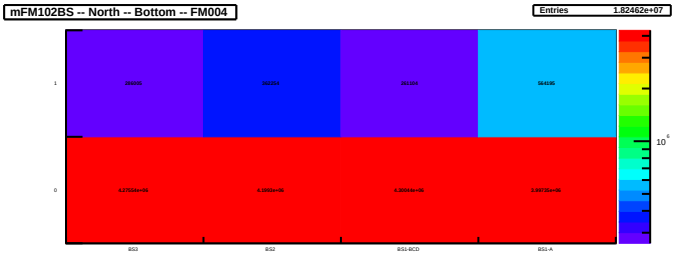
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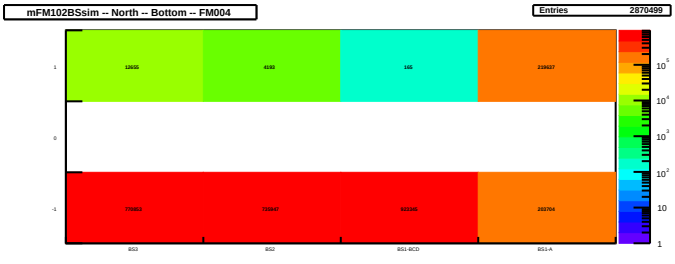
Entries 1.82462e+07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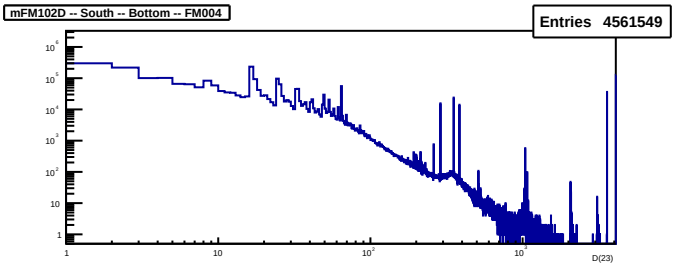
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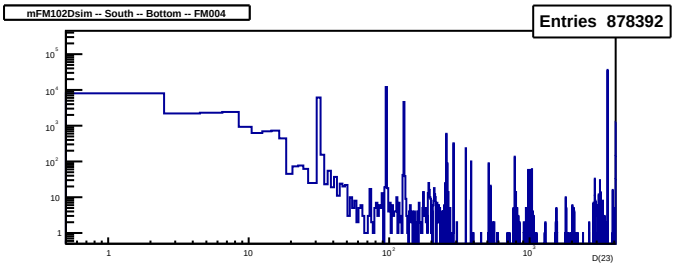
D(23)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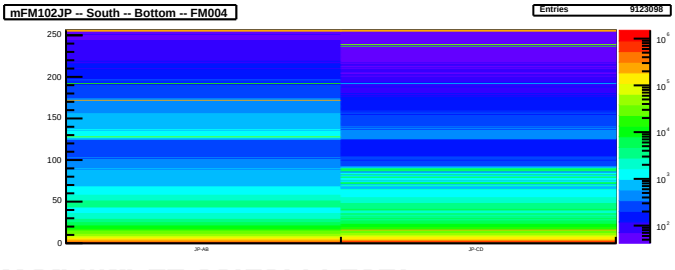
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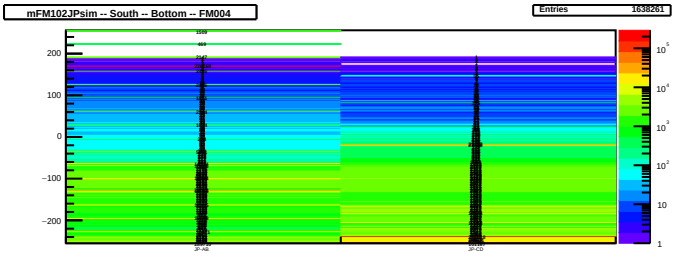
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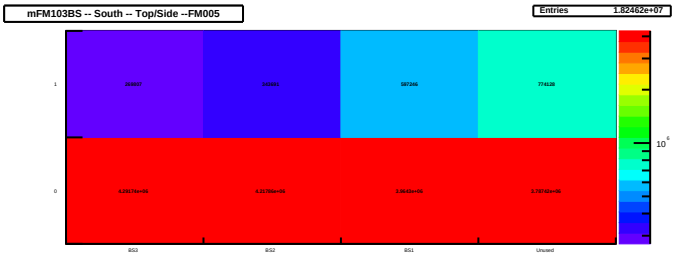
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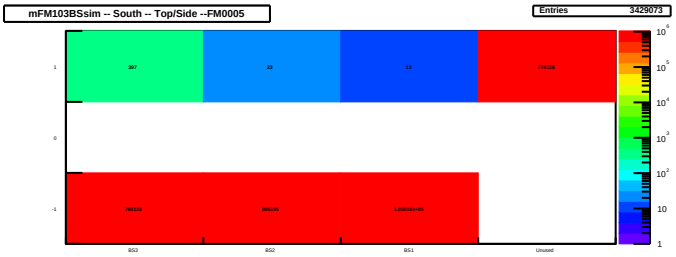
Entries 1.82462e+07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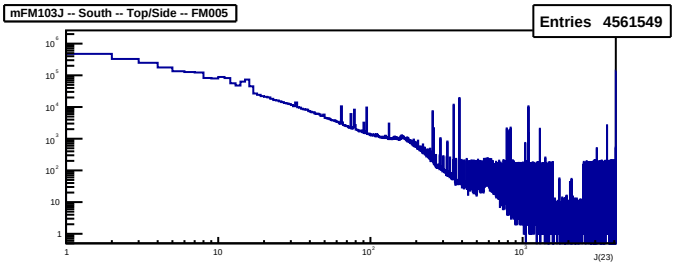
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Entries 4561549
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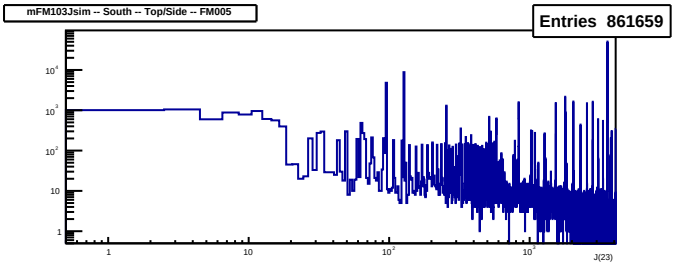
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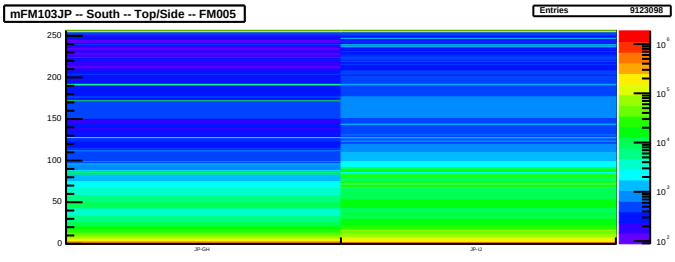
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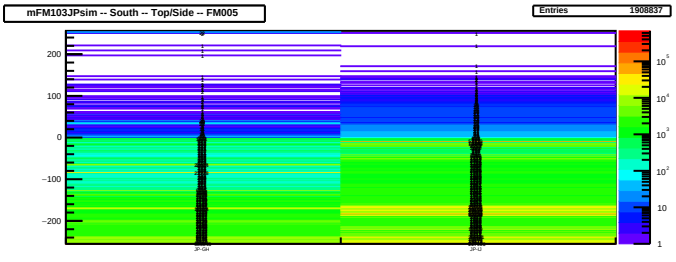
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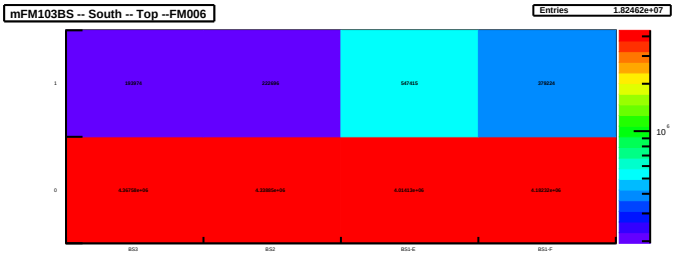
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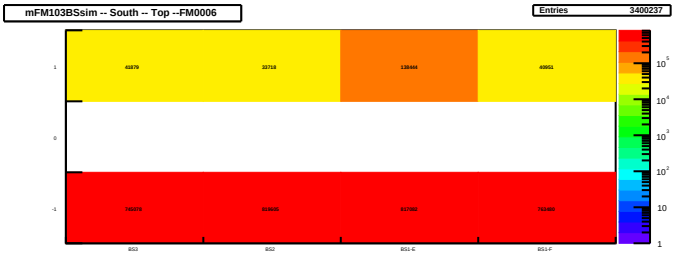
Entries 1.82462e+07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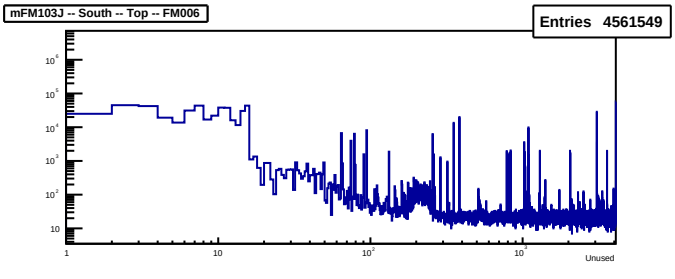
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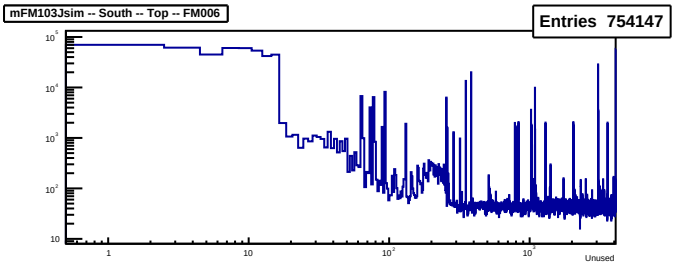
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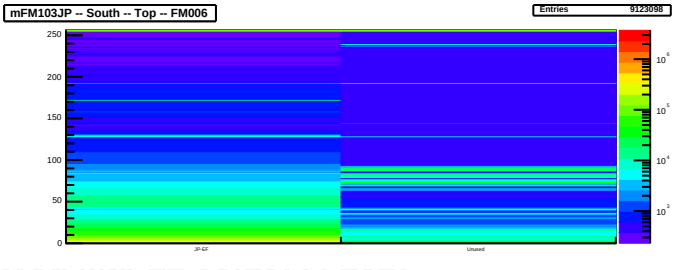
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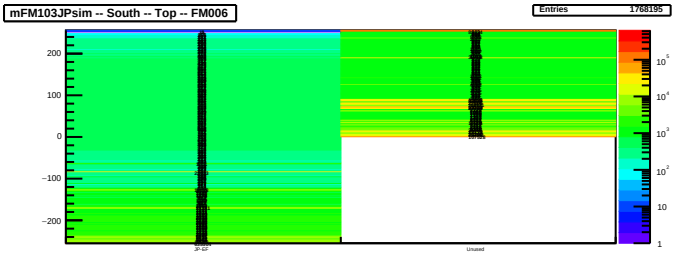
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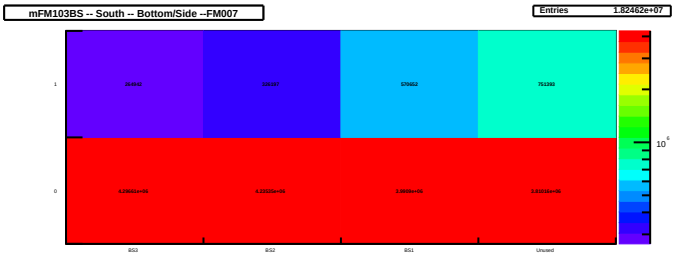
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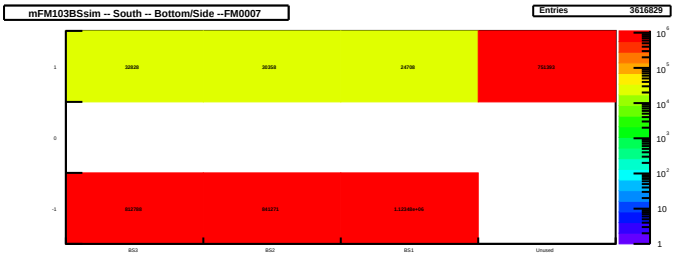
Entries 1.82462e+07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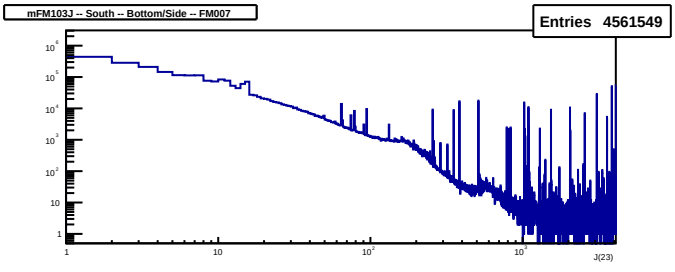
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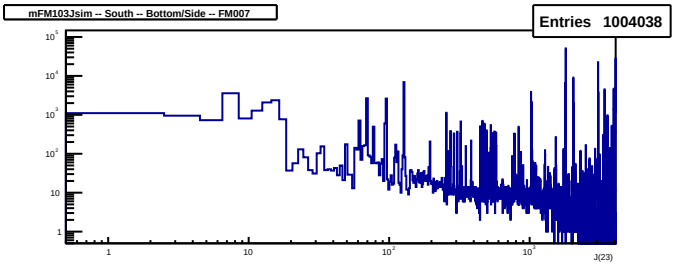
J(23)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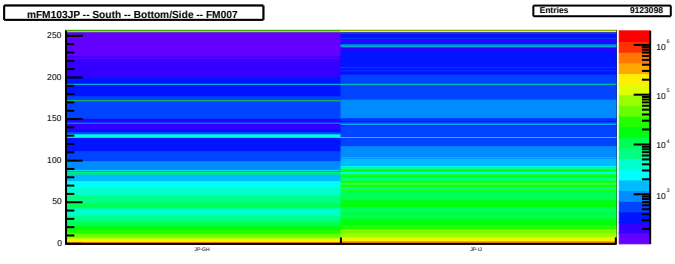
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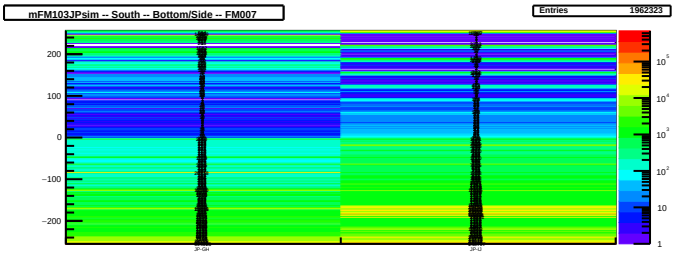
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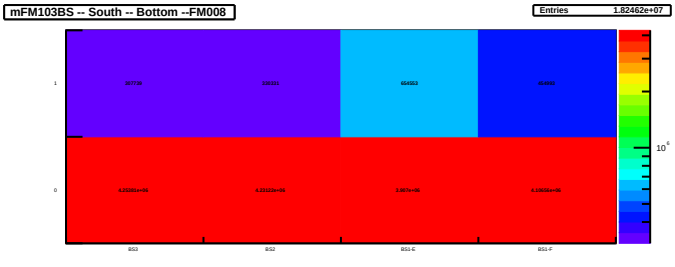
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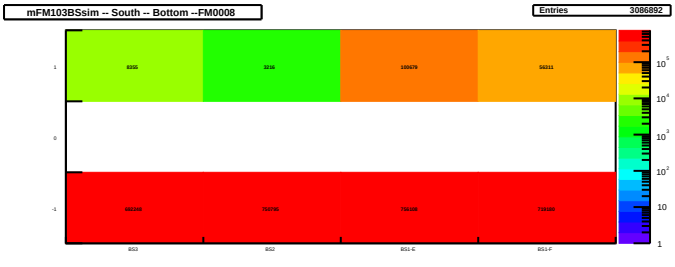
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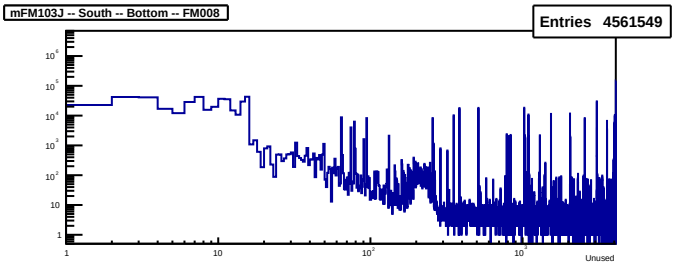
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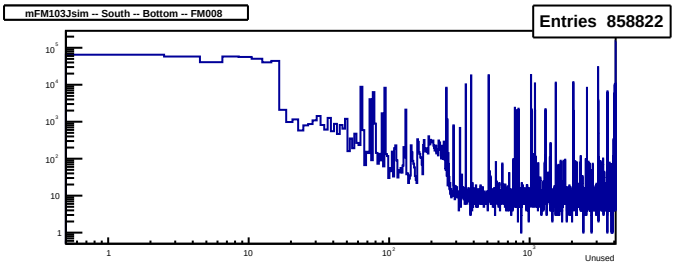
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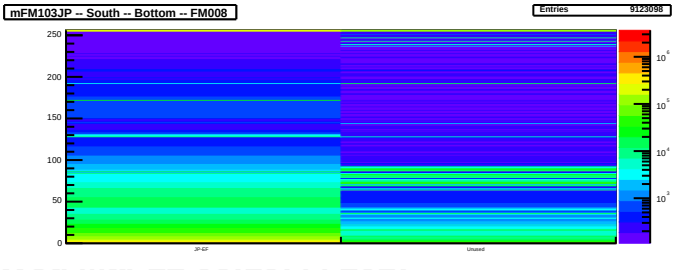
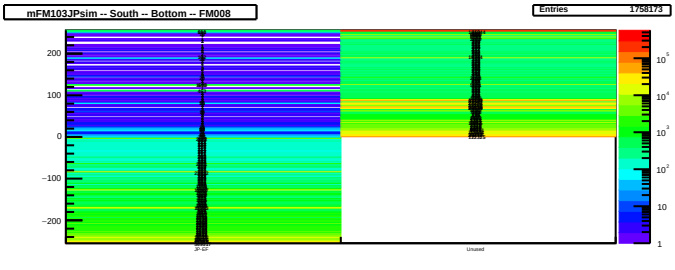
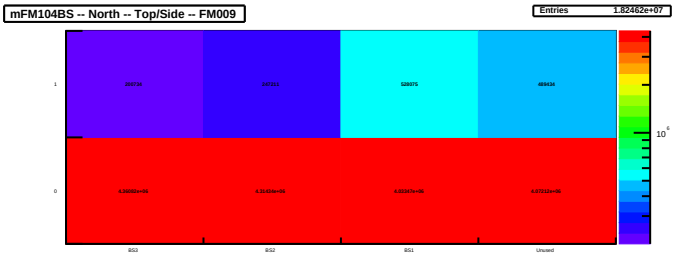
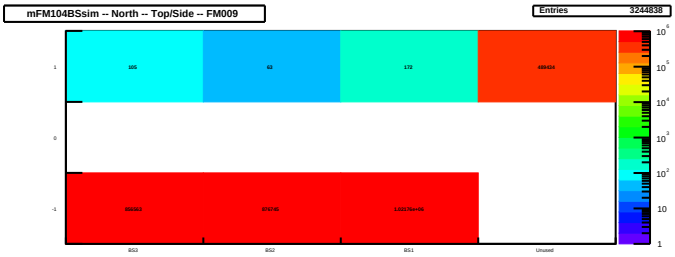
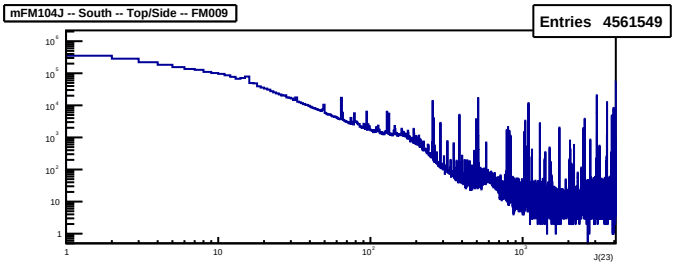
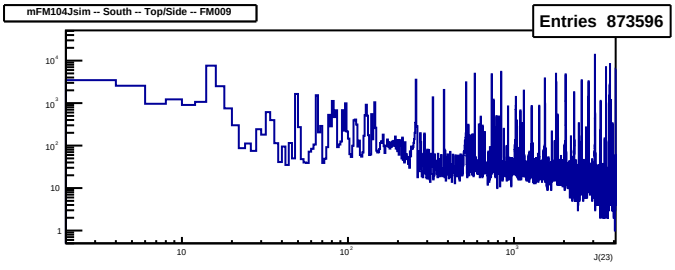

mFM103JP -- South -- Bottom -- FM008
Entries 9123098


mFM103JPsim -- South -- Bottom -- FM008
Entries 1758173


mFM104BS -- North -- Top/Side -- FM009
Entries 1.82462e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 3244838


mFM104J -- South -- Top/Side -- FM009
Entries 4561549
J(23)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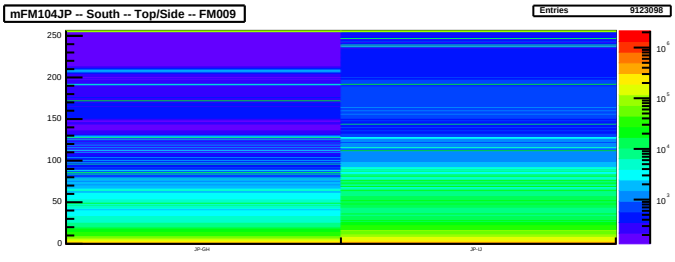
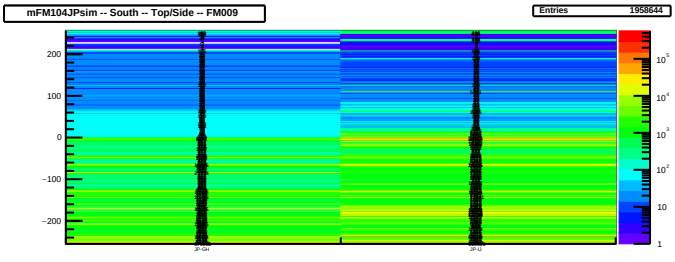
Entries 873596
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 9123098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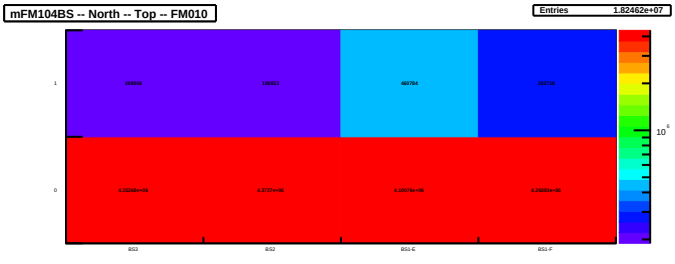
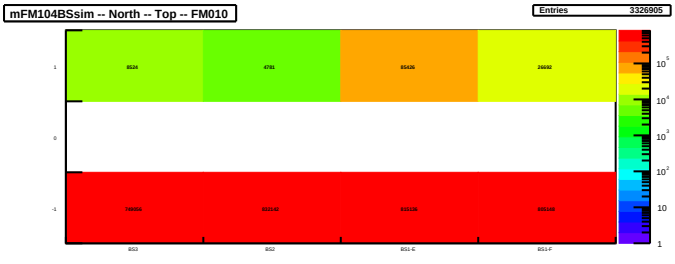
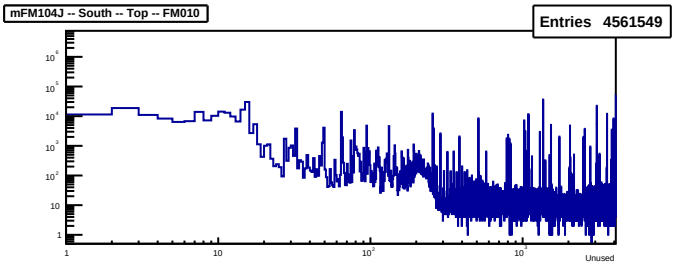
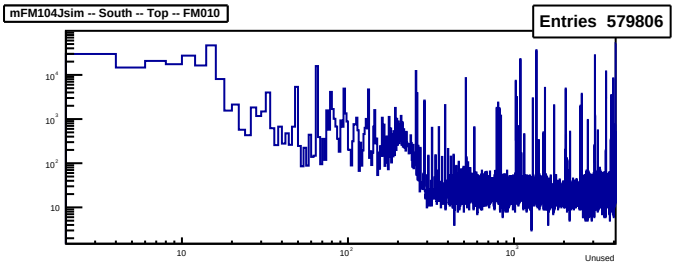
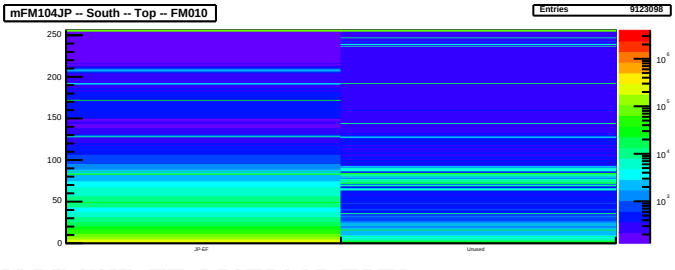
Entries 1958644

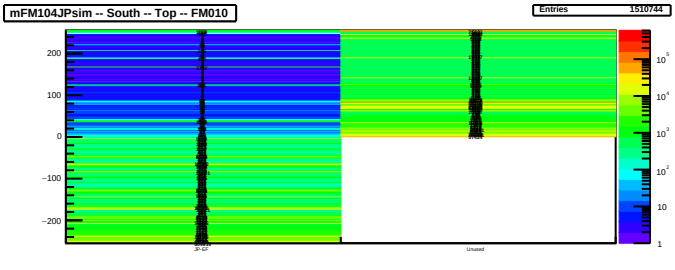

mFM104BS -- North -- Top -- FM010
Entries 1.82462e+07

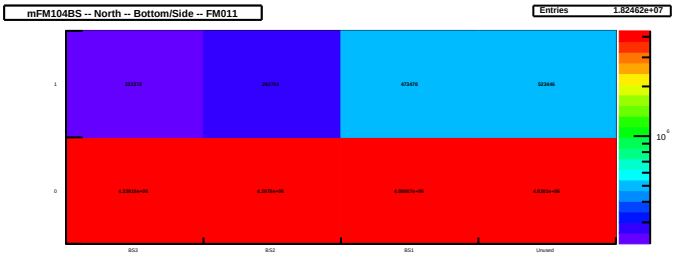

mFM104BSsim -- North -- Top -- FM010
Entries 3326905

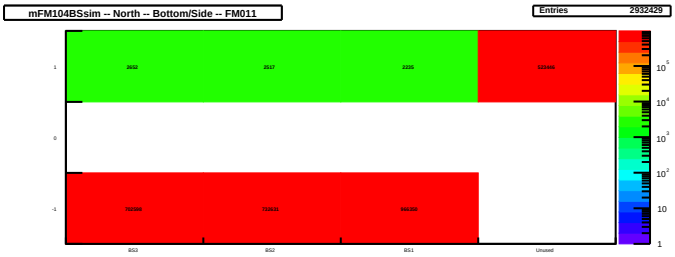

mFM104J -- South -- Top -- FM010
Entries 4561549
Unused

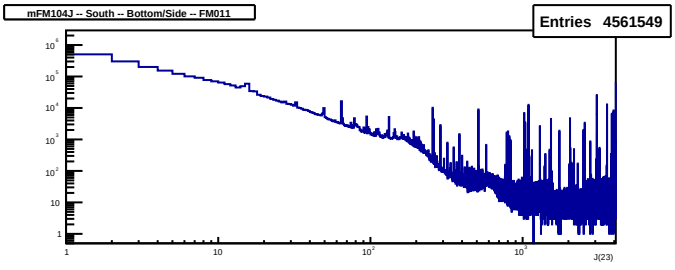

mFM104Jsim -- South -- Top -- FM010
Entries 579806
Unused

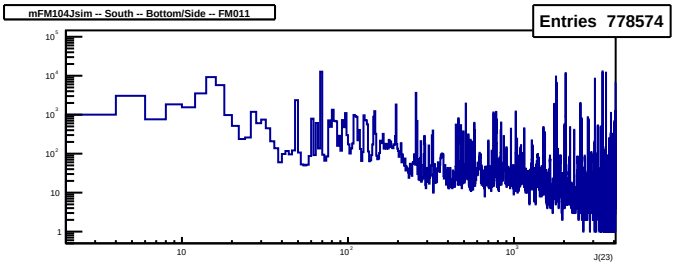

mFM104JP -- South -- Top -- FM010
Entries 9123098

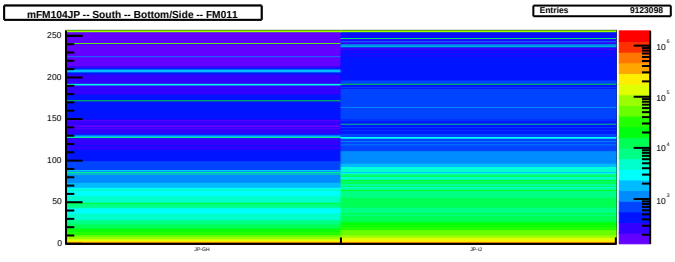

mFM104JPsim -- South -- Top -- FM010
Entries 1510744

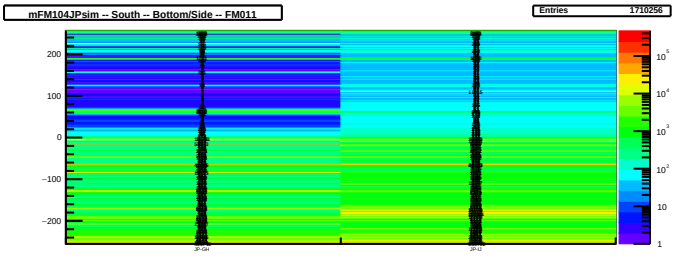

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.82462e+07

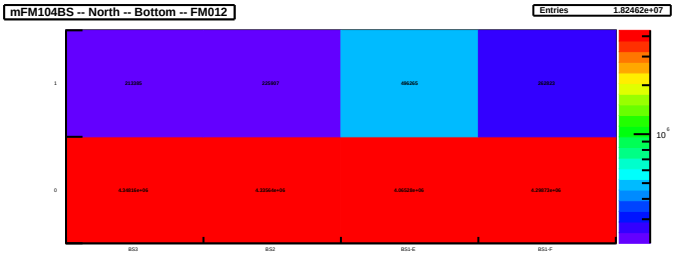

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2932429

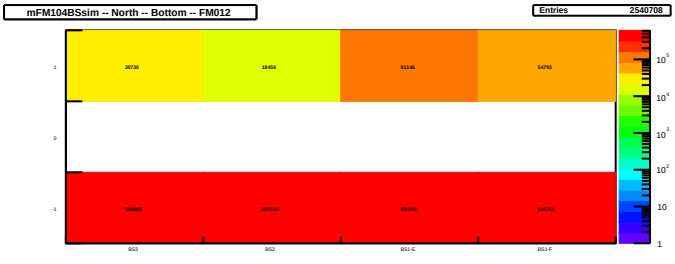

mFM104J -- South -- Bottom/Side -- FM011
Entries 4561549
J(23)

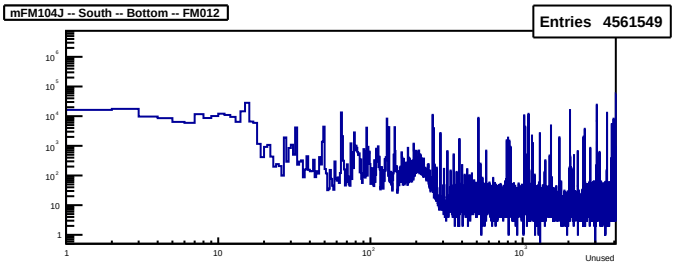

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 778574
J(23)

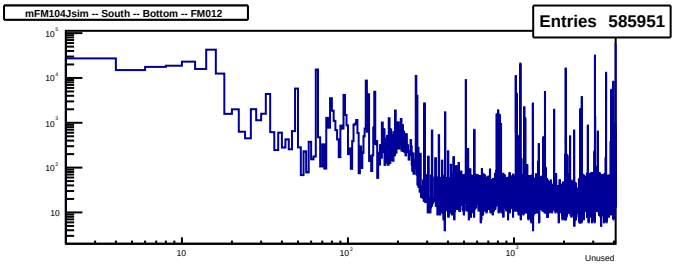

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9123098

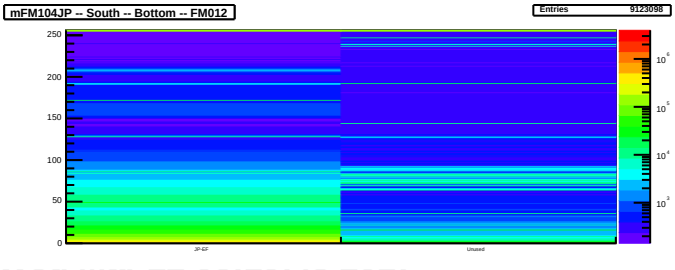

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1710256

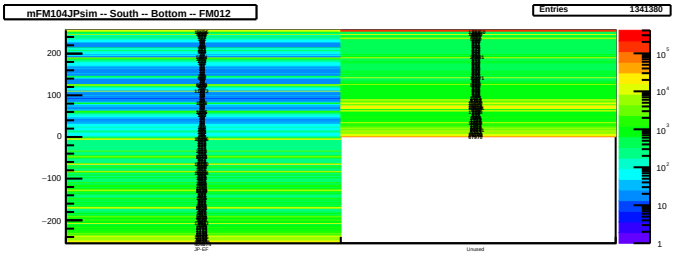

mFM104BS -- North -- Bottom -- FM012
Entries 1.82462e+07

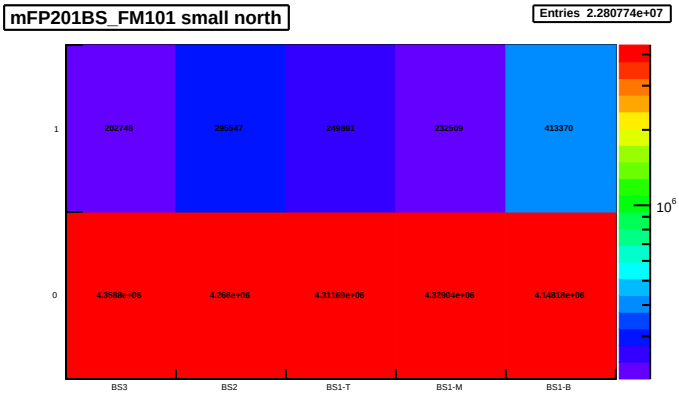

mFM104BSsim -- North -- Bottom -- FM012
Entries 2540708

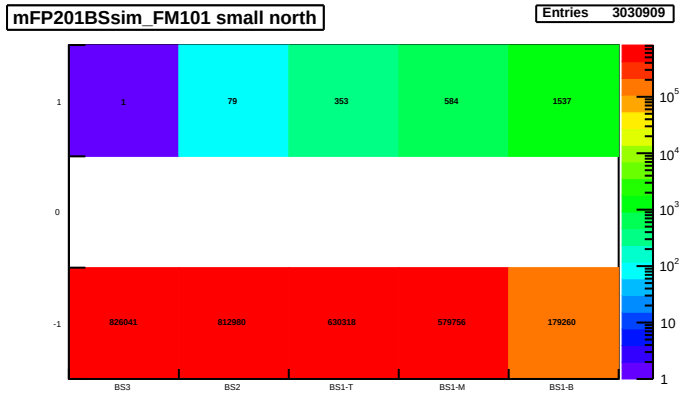

mFM104J -- South -- Bottom -- FM012
Entries 4561549
Unused

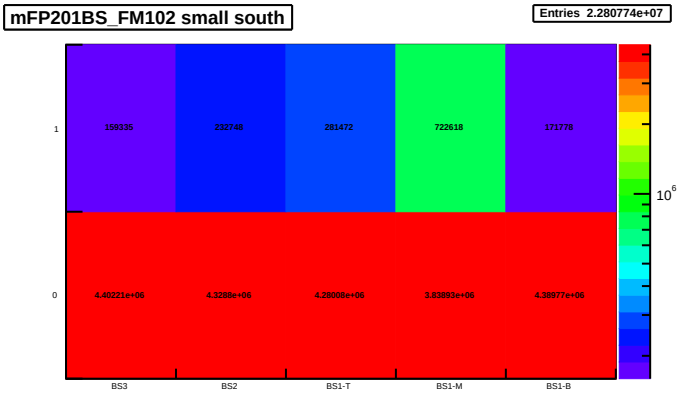

mFM104Jsim -- South -- Bottom -- FM012
Entries 585951
Unused

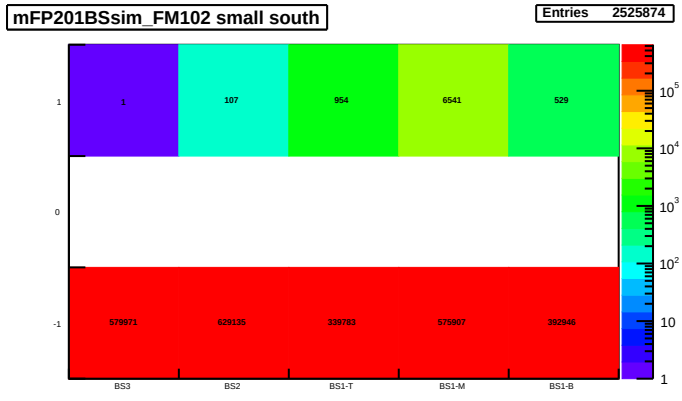

mFM104JP -- South -- Bottom -- FM012
Entries 9123098

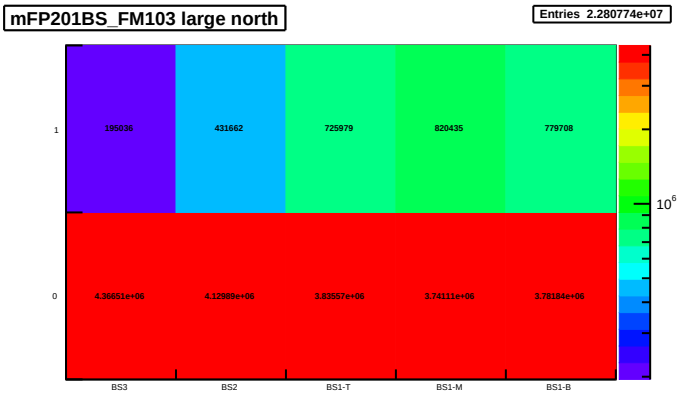

mFM104JPsim -- South -- Bottom -- FM012
Entries 1341380

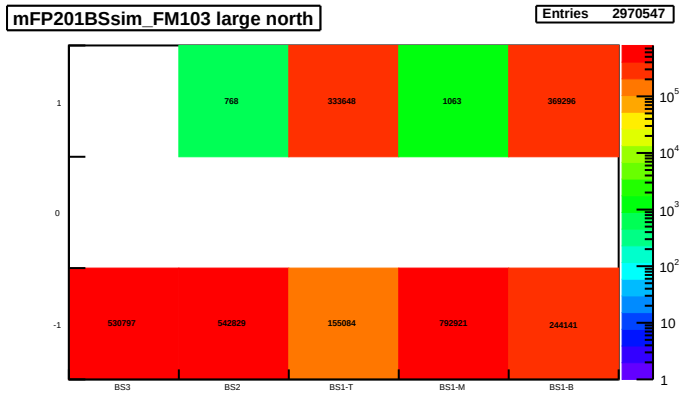

mFP201BS_FM101 small north
Entries 2.280774e+07
202748
295547
249861
232509
413370
4.3588e+06
4.266e+06
4.31169e+06
4.32904e+06
4.14818e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

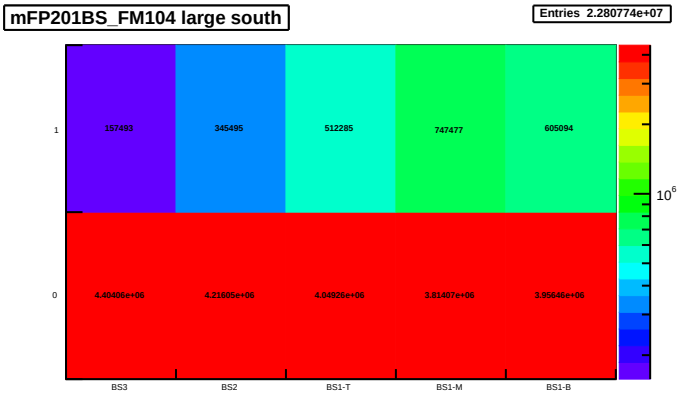

mFP201BSsim_FM101 small north
Entries 3030909
1
79
353
584
1537
826041
812980
630318
579756
179260
BS3
BS2
BS1-T
BS1-M
BS1-B

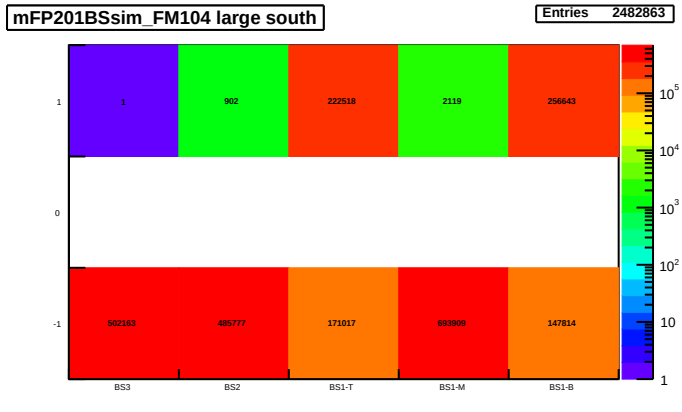

mFP201BS_FM102 small south
Entries 2.280774e+07
159335
232748
281472
722618
171778
4.40221e+06
4.3288e+06
4.28008e+06
3.83893e+06
4.38977e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

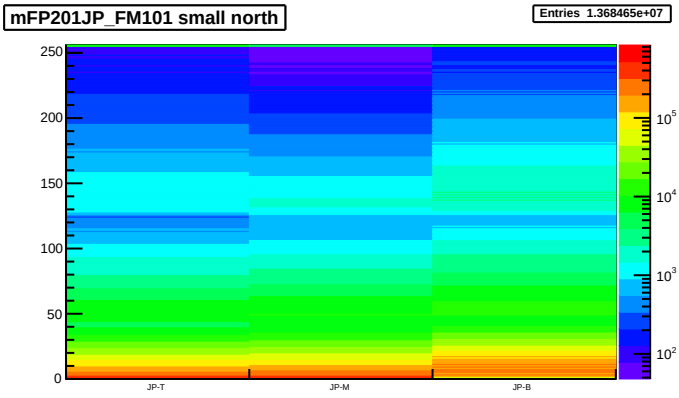

mFP201BSsim_FM102 small south
Entries 2525874
1
107
954
6541
529
579971
629135
339783
575907
392946
BS3
BS2
BS1-T
BS1-M
BS1-B

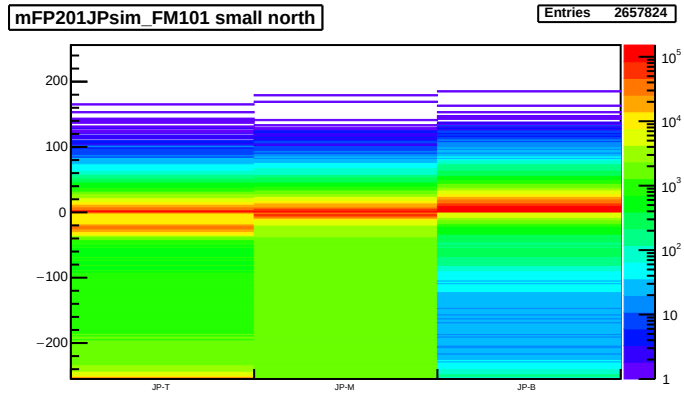

mFP201BS_FM103 large north
Entries 2.280774e+07
195036
431662
725979
820435
779708
4.36651e+06
4.12989e+06
3.83557e+06
3.74111e+06
3.78184e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

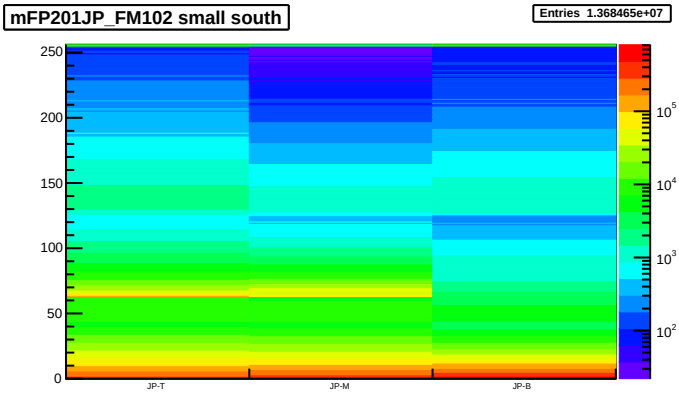

mFP201BSsim_FM103 large north
Entries 2970547
768
333648
1063
369296
530797
542829
155084
792921
244141
BS3
BS2
BS1-T
BS1-M
BS1-B

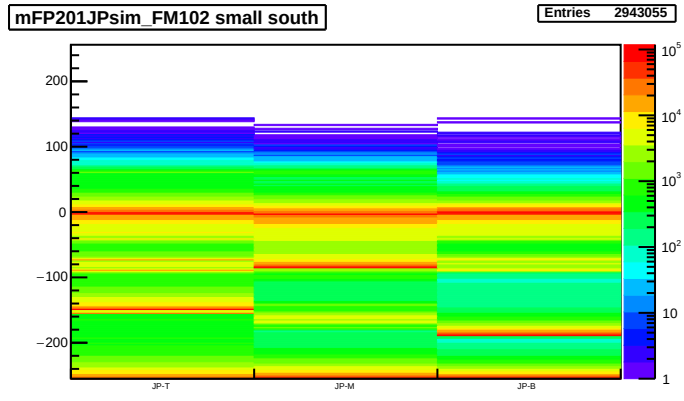

mFP201BS_FM104 large south
Entries 2.280774e+07
157493
345495
512285
747477
605094
4.40406e+06
4.21605e+06
4.04926e+06
3.81407e+06
3.95646e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

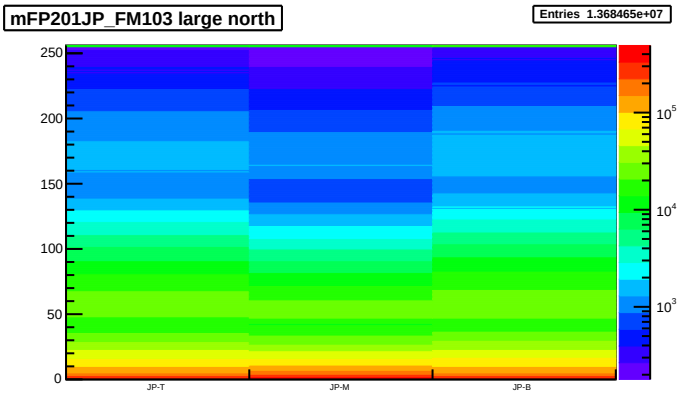

mFP201BSsim_FM104 large south
Entries 2482863
1
902
222518
2119
256643
502163
485777
171017
693909
147814
BS3
BS2
BS1-T
BS1-M
BS1-B

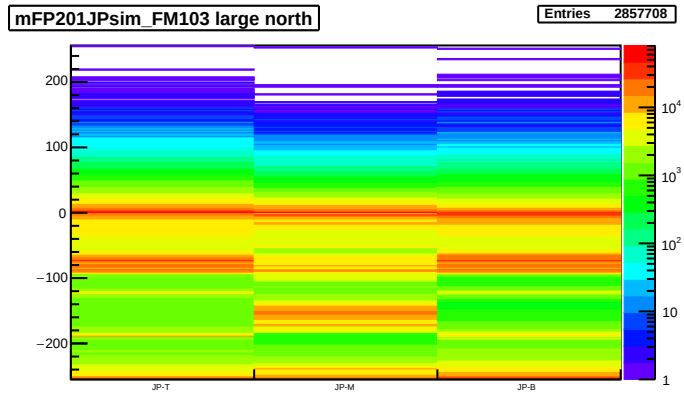

mFP201JP_FM101 small north
Entries 1.368465e+07
JP-T
JP-M
JP-B

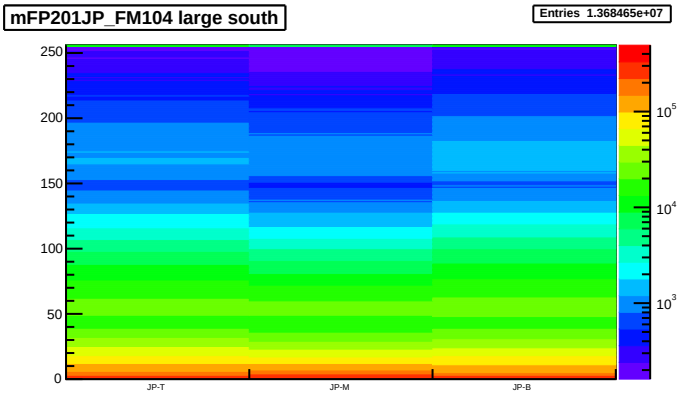

mFP201JPsim_FM101 small north
Entries 2657824
JP-T
JP-M
JP-B

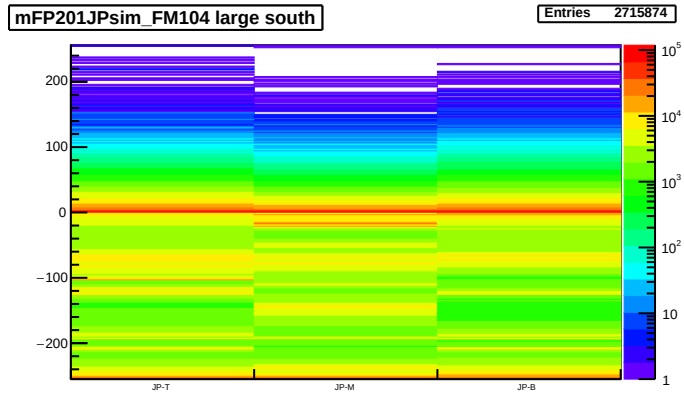

mFP201JP_FM102 small south
Entries 1.368465e+07
JP-T
JP-M
JP-B

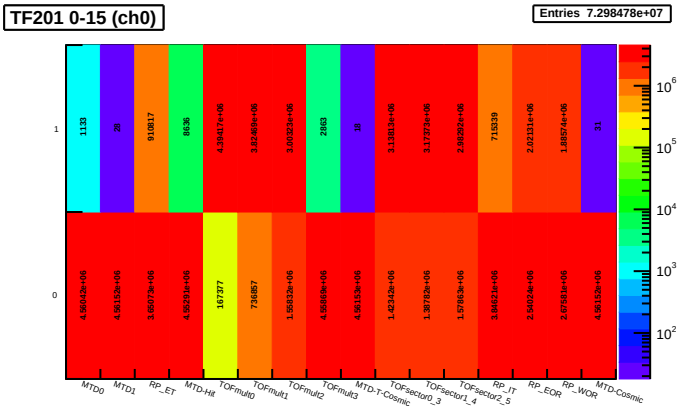

mFP201JPsim_FM102 small south
Entries 2943055
JP-T
JP-M
JP-B

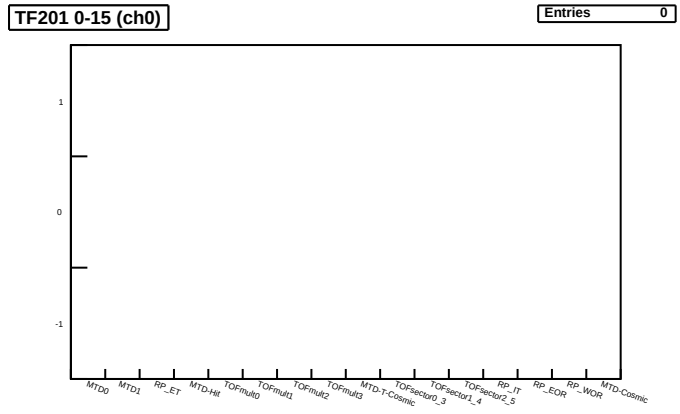

mFP201JP_FM103 large north
Entries 1.368465e+07
JP-T
JP-M
JP-B

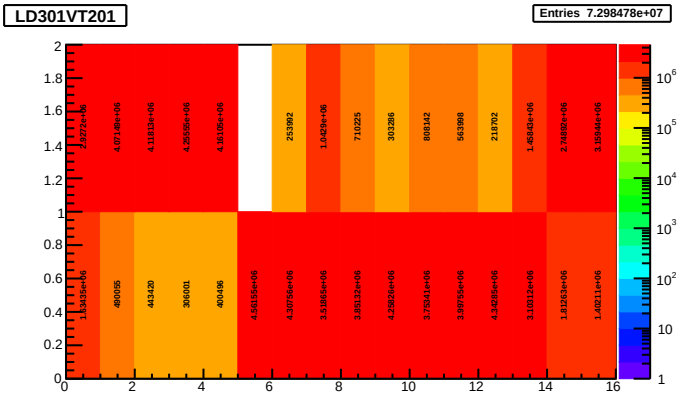

mFP201JPsim_FM103 large north
Entries 2857708
JP-T
JP-M
JP-B

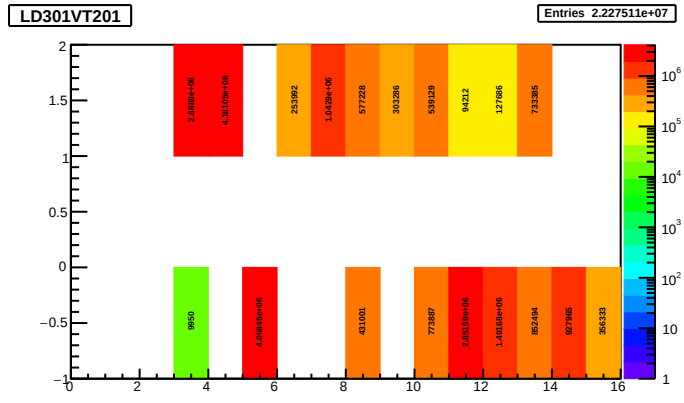

mFP201JP_FM104 large south
Entries 1.368465e+07
JP-T
JP-M
JP-B

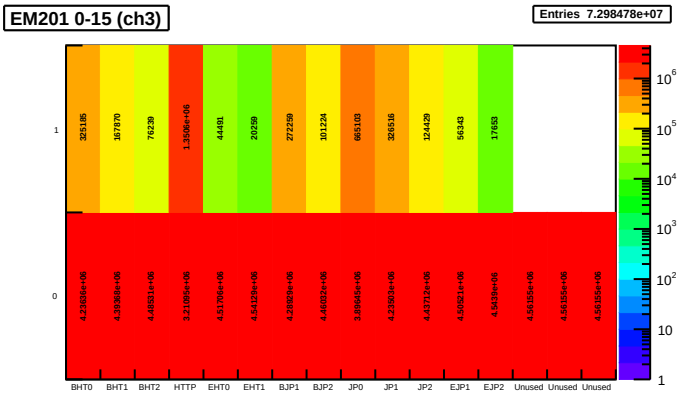

mFP201JPsim_FM104 large south
Entries 2715874
JP-T
JP-M
JP-B

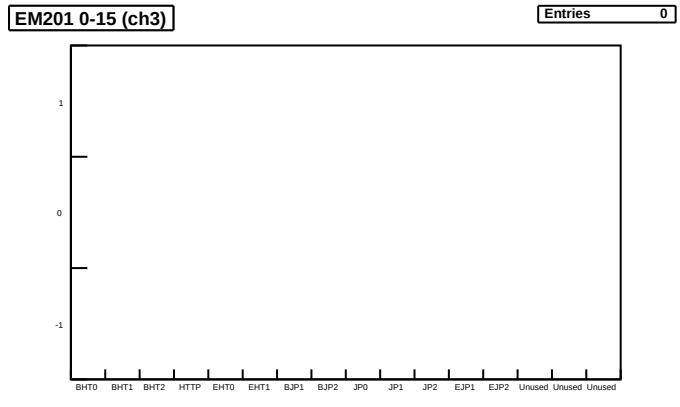

TF201 0-15 (ch0)
Entries 7.298478e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

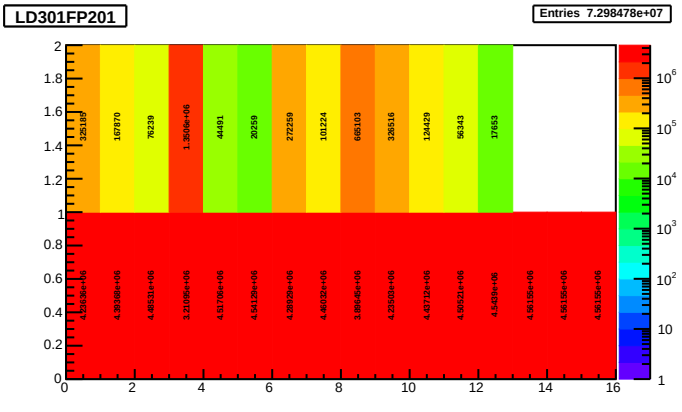

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

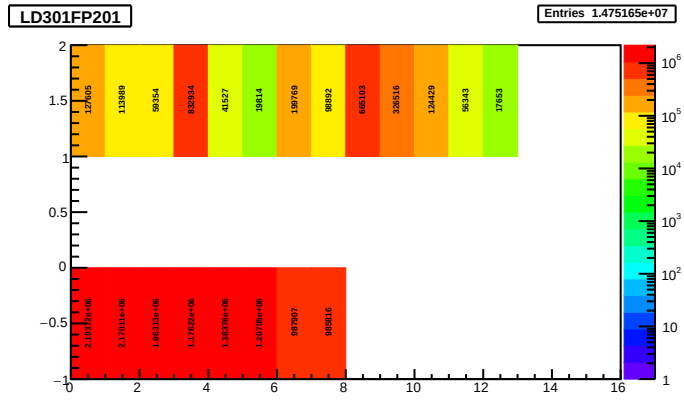

LD301VT201
Entries 7.298478e+07


LD301VT201
Entries 2.227511e+07


EM201 0-15 (ch3)
Entries 7.298478e+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 7.298478e+07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