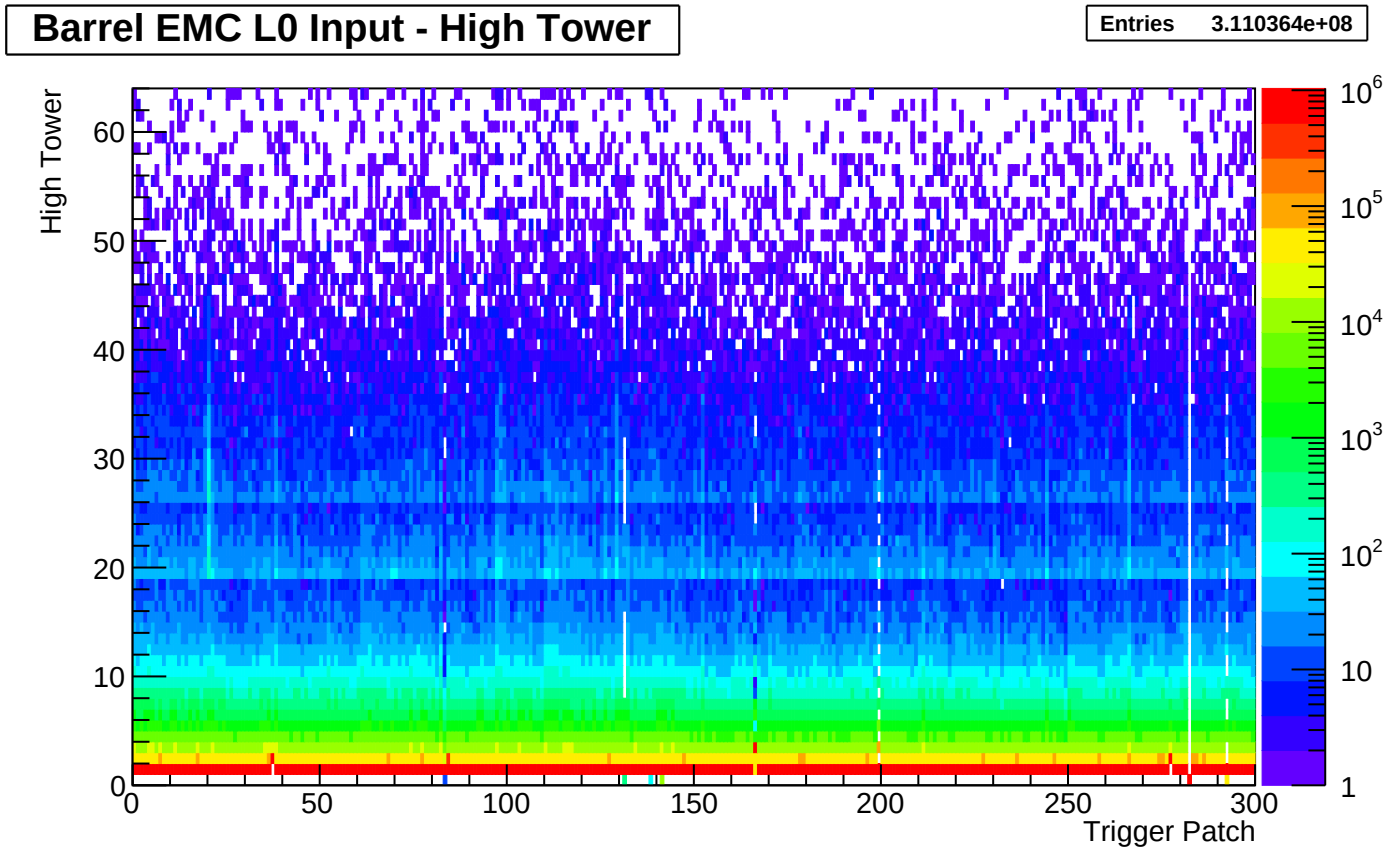
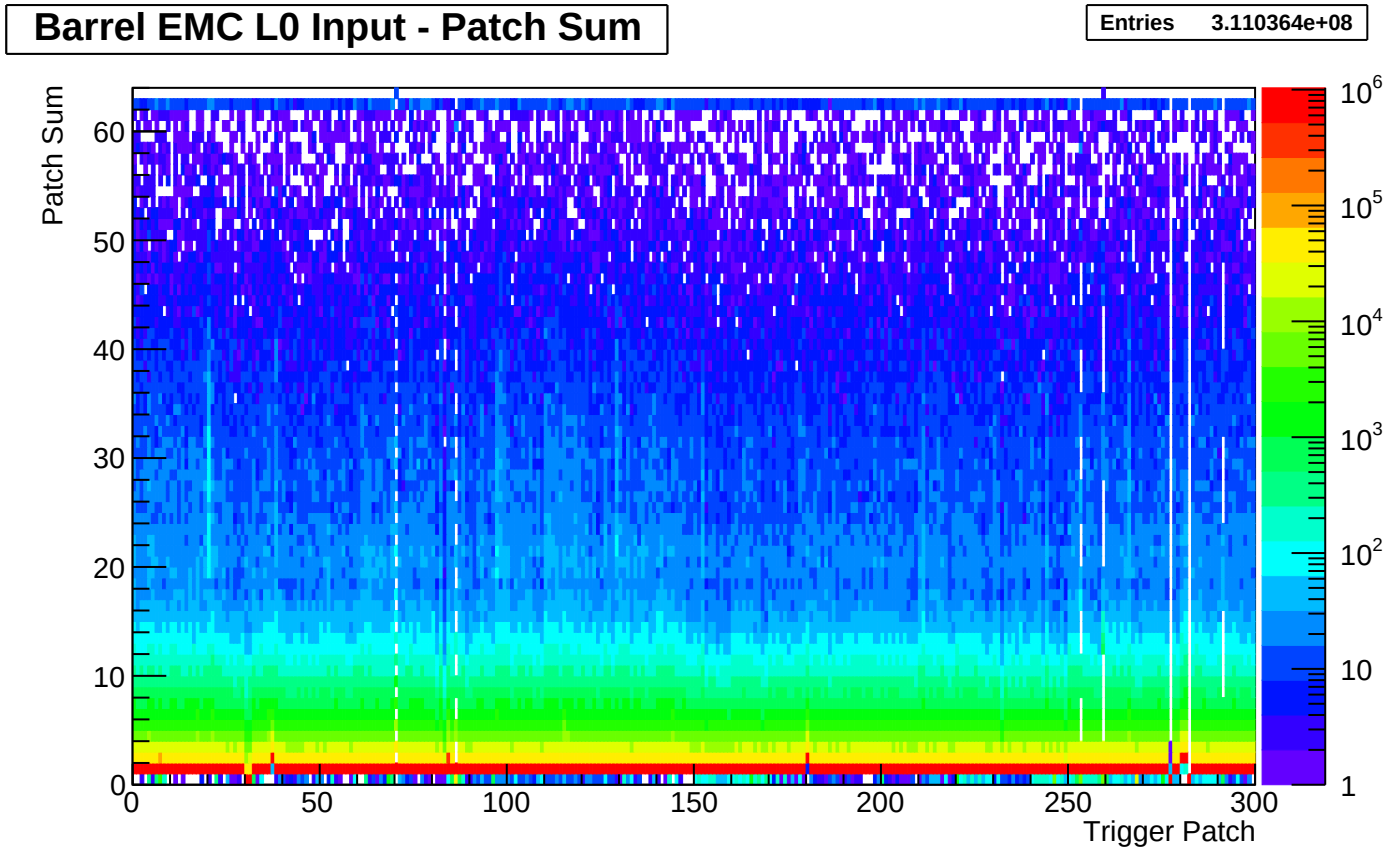
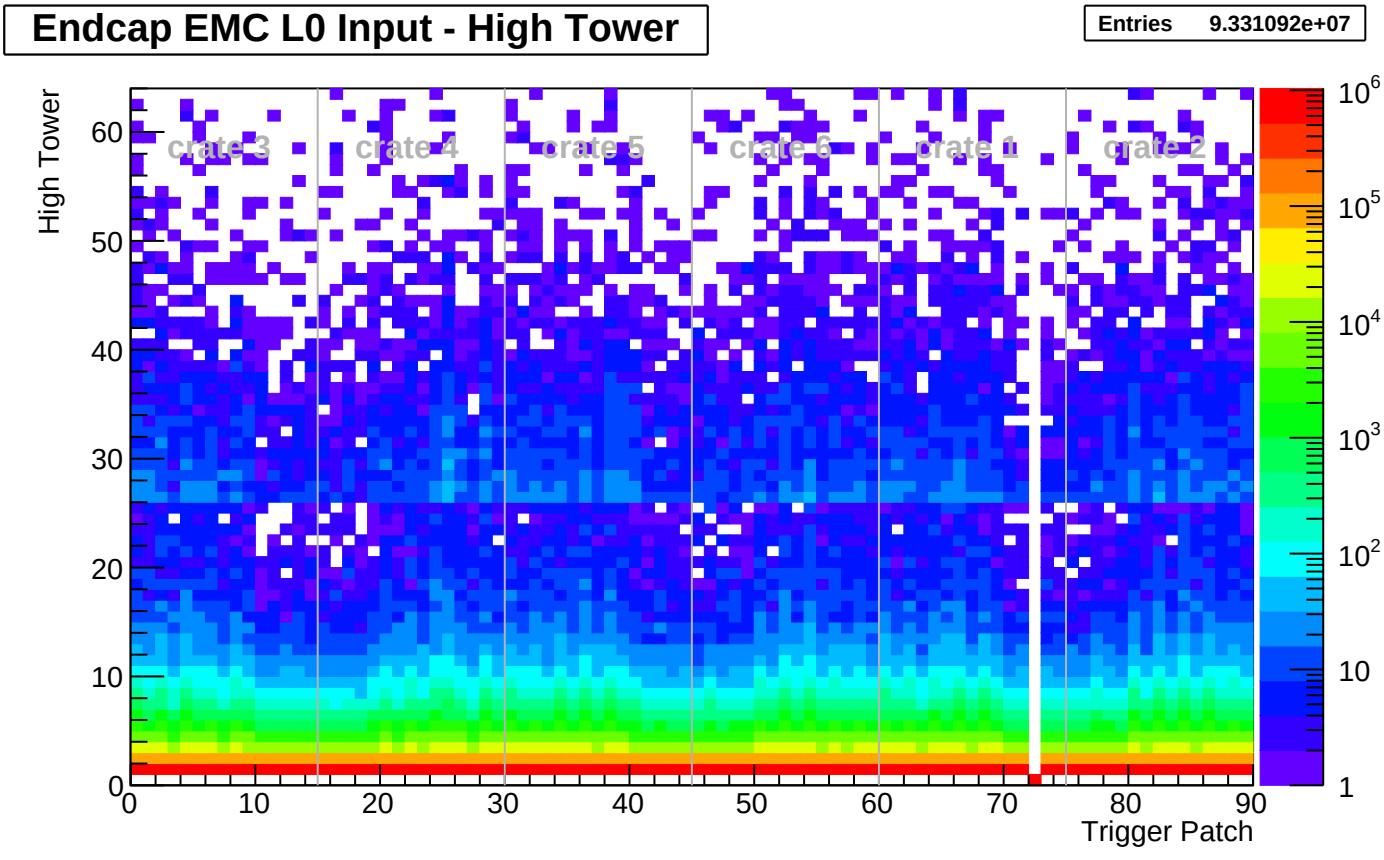
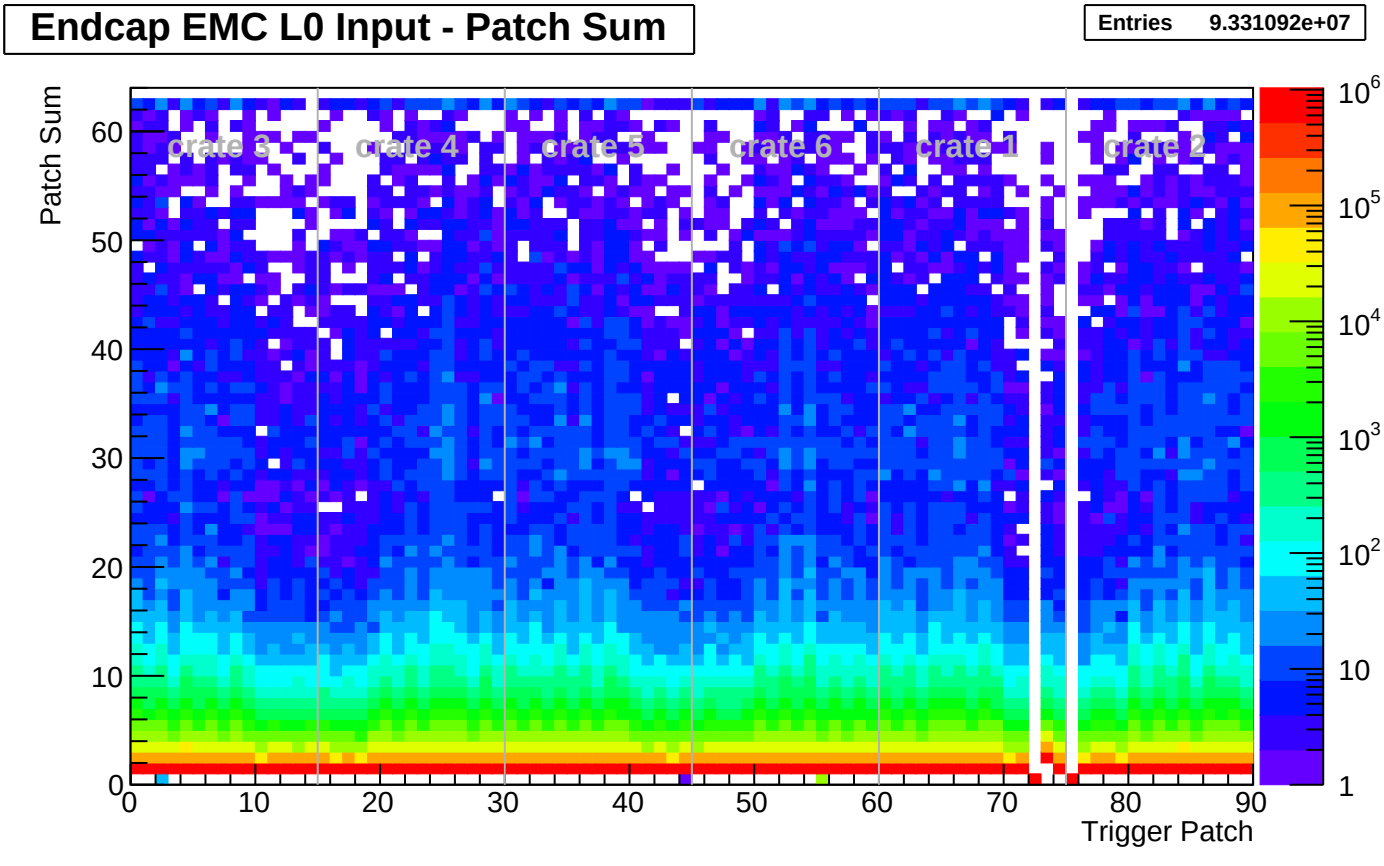
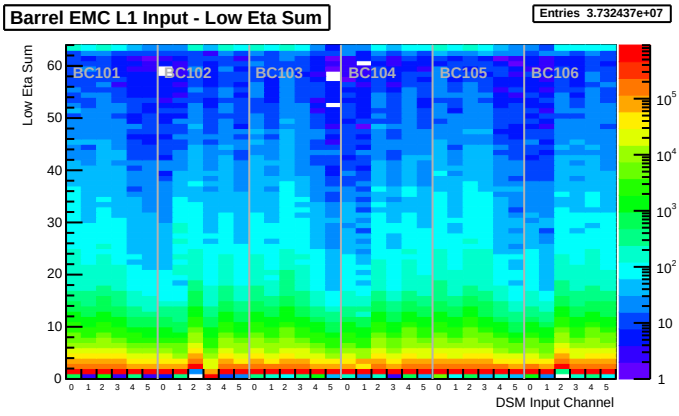
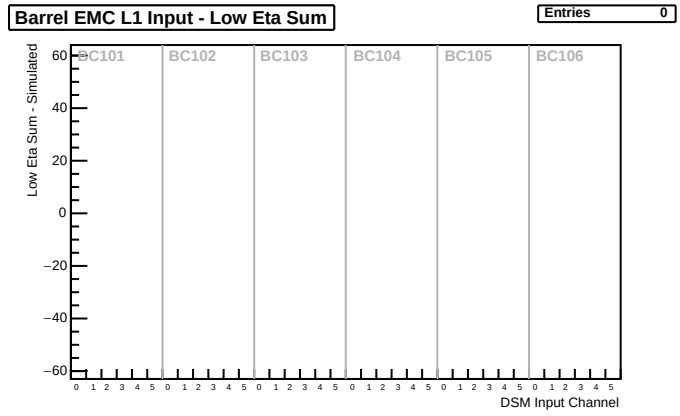

Barrel EMC L0 Input - High Tower
Entries 3.110364e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

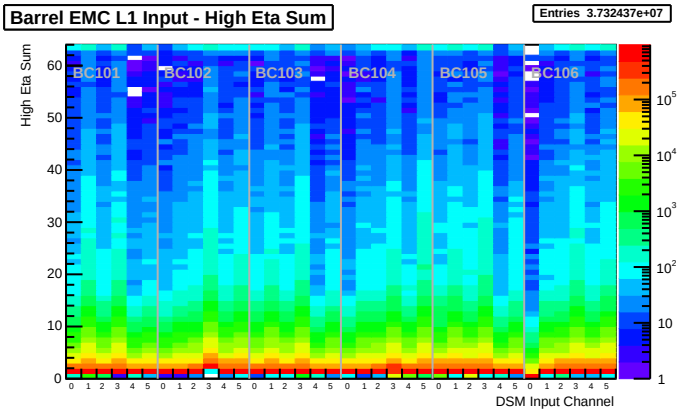

Barrel EMC L0 Input - Patch Sum
Entries 3.110364e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

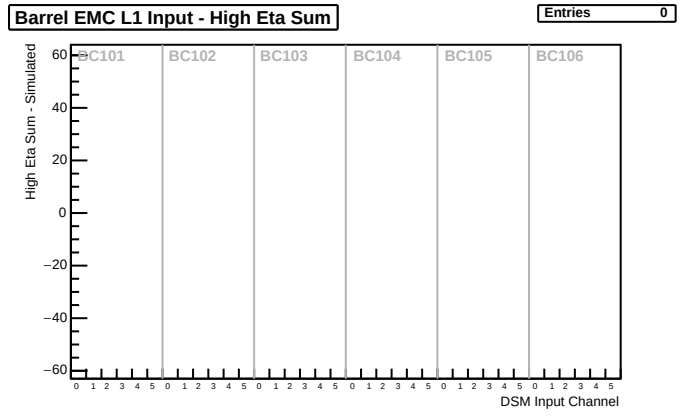

Endcap EMC L0 Input - High Tower
Entries 9.331092e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

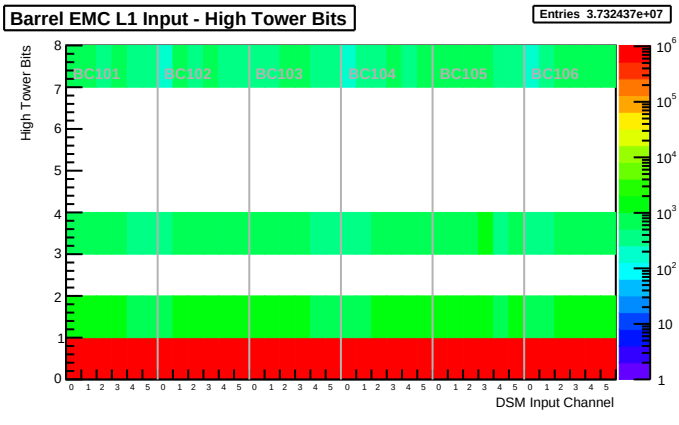

Endcap EMC L0 Input - Patch Sum
Entries 9.331092e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

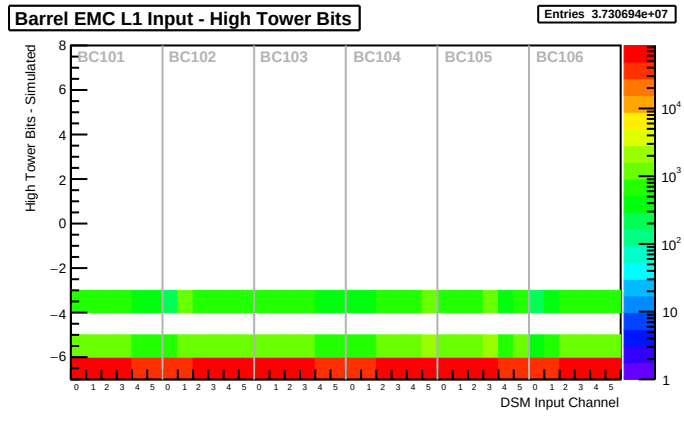

Barrel EMC L1 Input - Low Eta Sum
Entries 3.732437e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

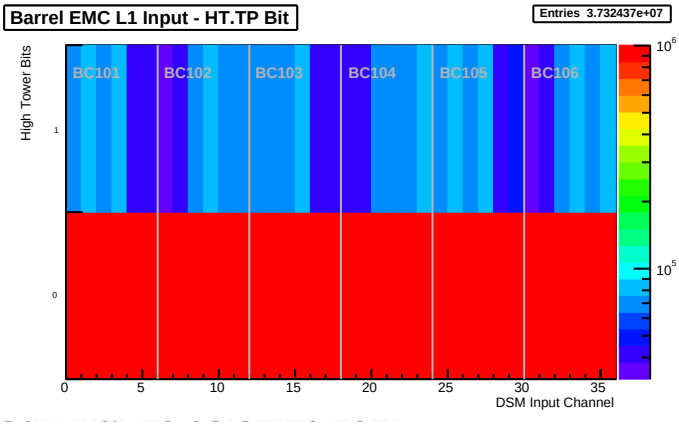

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

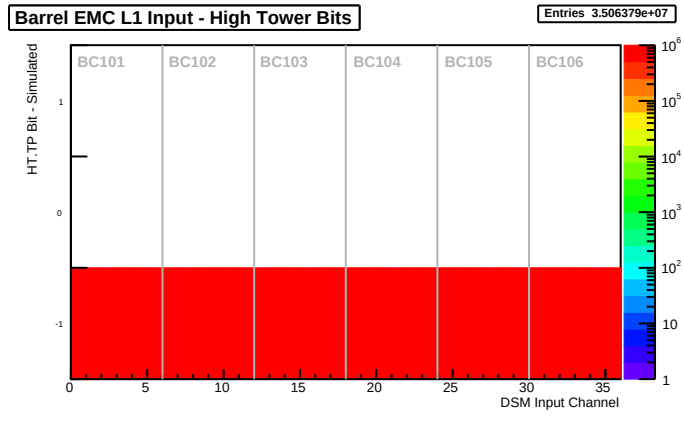

Barrel EMC L1 Input - High Eta Sum
Entries 3.732437e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

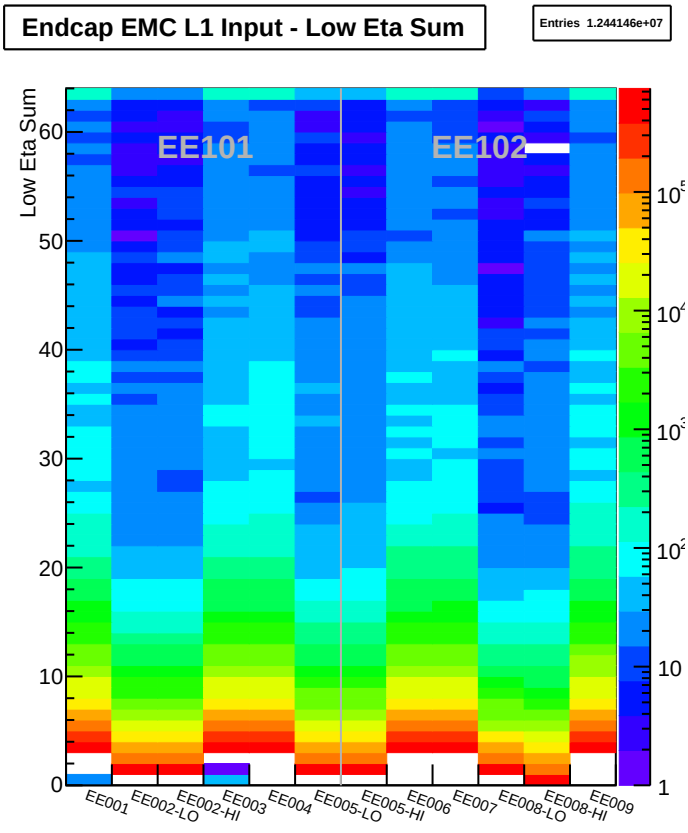

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

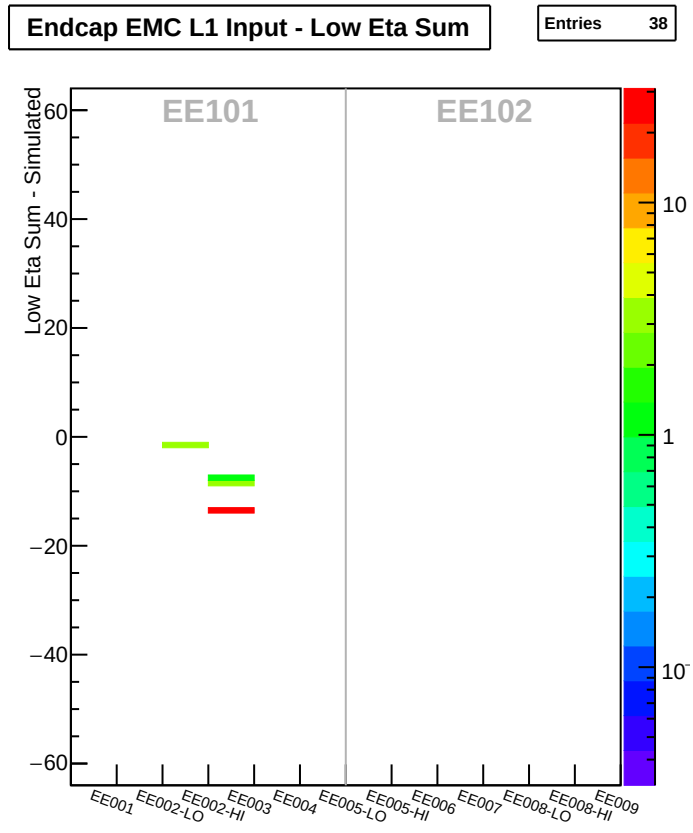

Barrel EMC L1 Input - High Tower Bits
Entries 3.732437e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

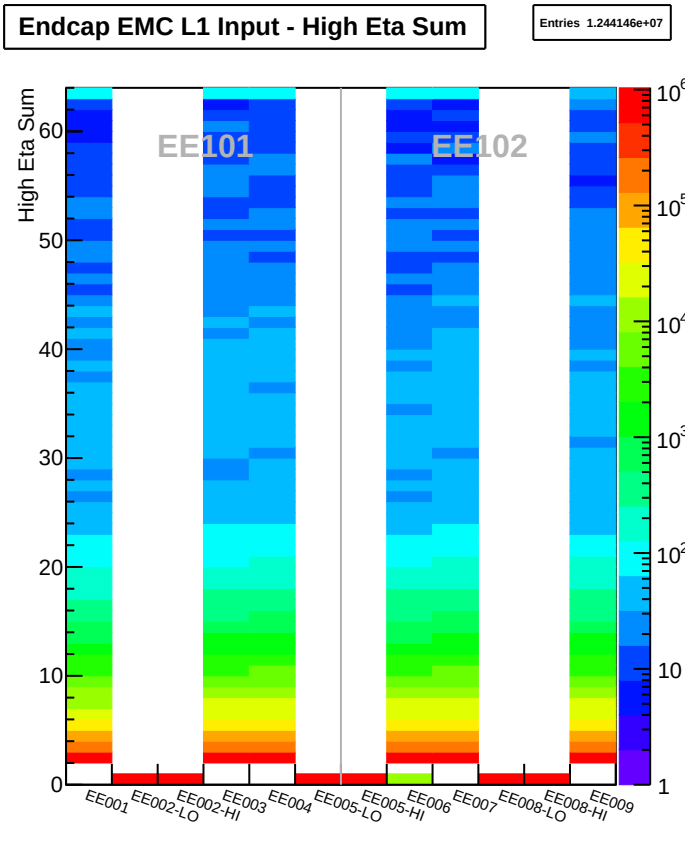

Barrel EMC L1 Input - High Tower Bits
Entries 3.730694e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

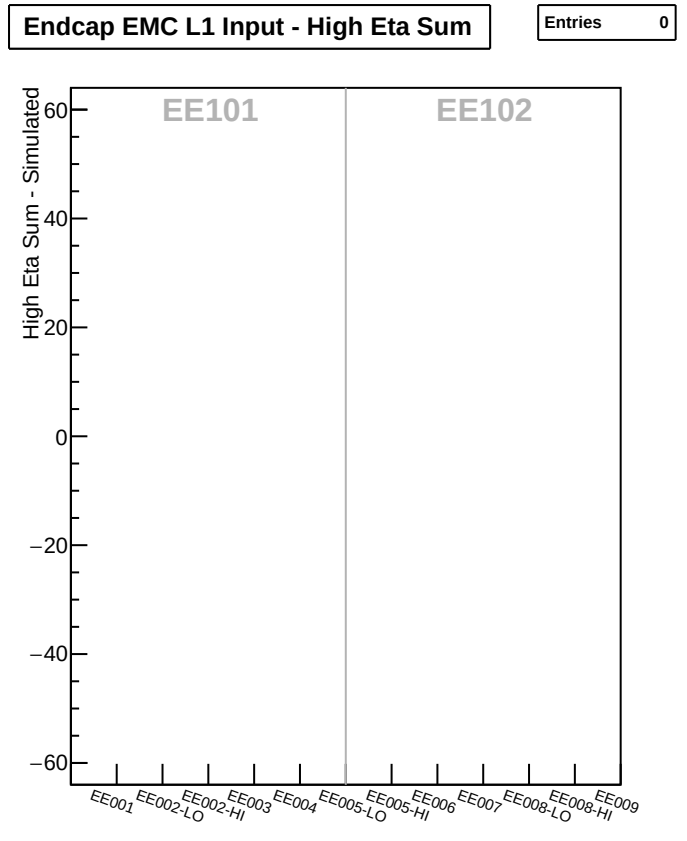

Barrel EMC L1 Input - HT.TP Bit
Entries 3.732437e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

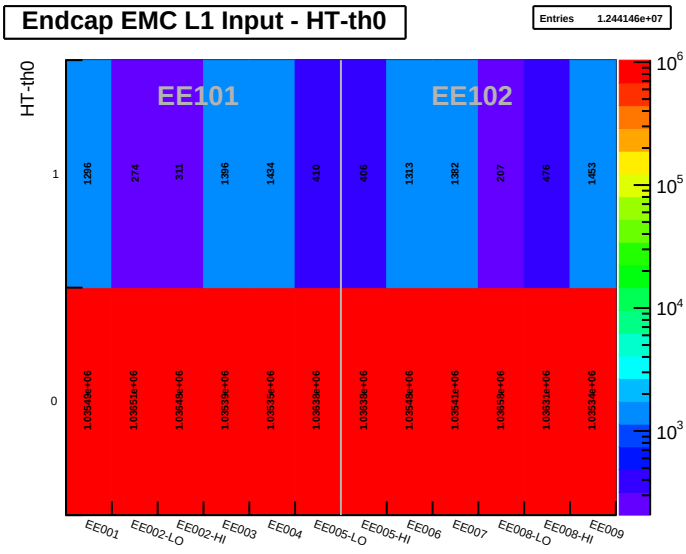

Barrel EMC L1 Input - High Tower Bits
Entries 3.506379e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

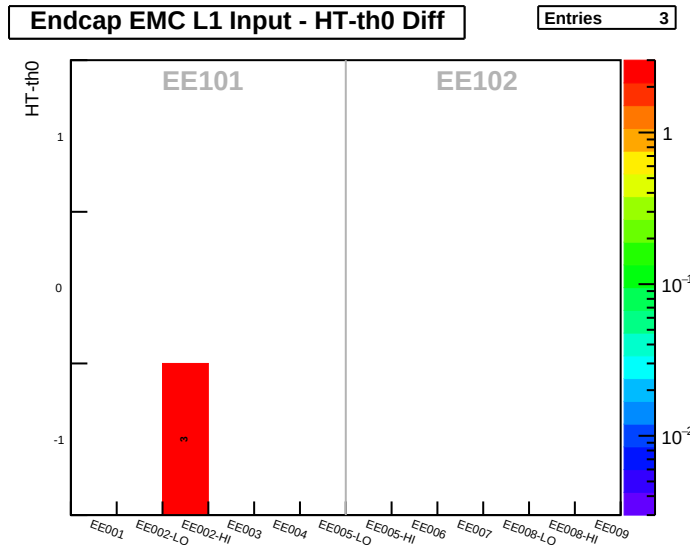

Endcap EMC L1 Input - Low Eta Sum
Entries 1.244146e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

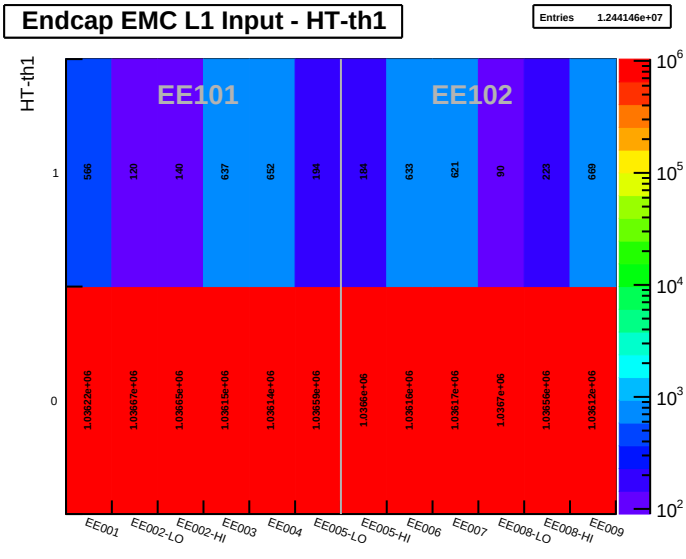

Endcap EMC L1 Input - Low Eta Sum
Entries 38
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

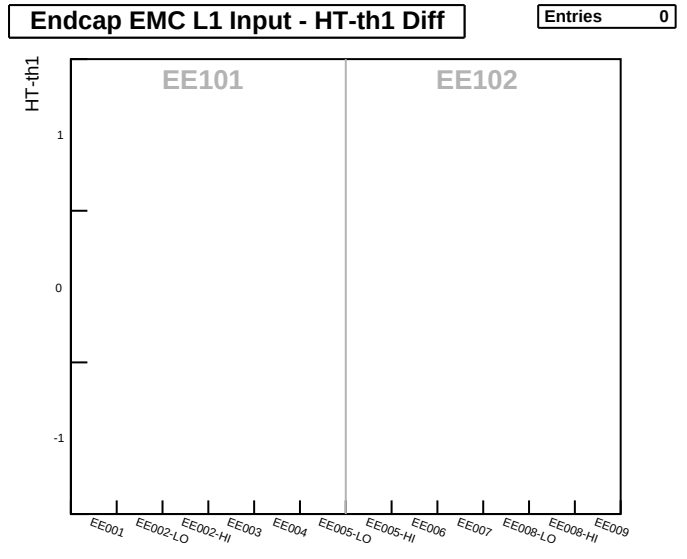

Endcap EMC L1 Input - High Eta Sum
Entries 1.244146e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

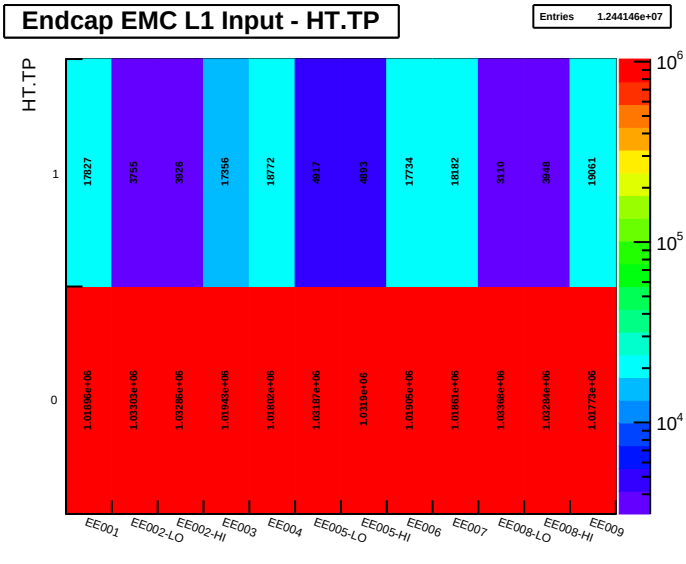

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

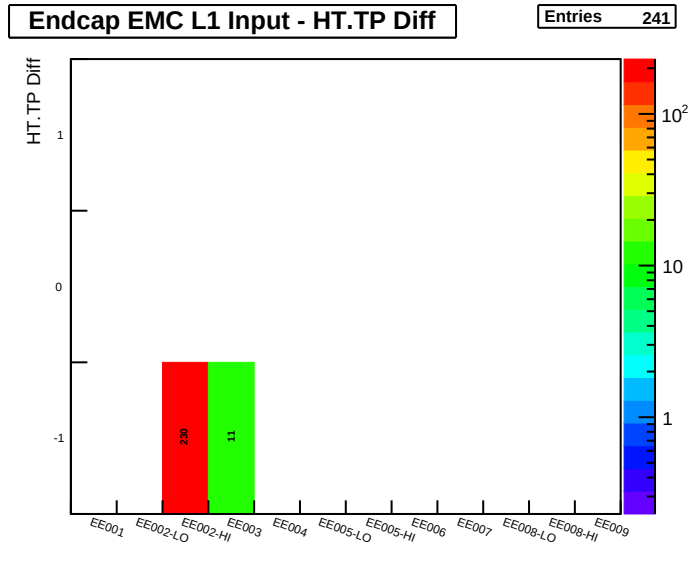

Endcap EMC L1 Input - HT-th0
Entries 1.244146e+07
HT-th0
EE101
EE102
1296 274 311 1396 1434 410 406 1313 1382 207 476 1453
1.03549e+06 1.03551e+06 1.03548e+06 1.03539e+06 1.03535e+06 1.03539e+06 1.03538e+06 1.03549e+06 1.03541e+06 1.03558e+06 1.03531e+06 1.03534e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

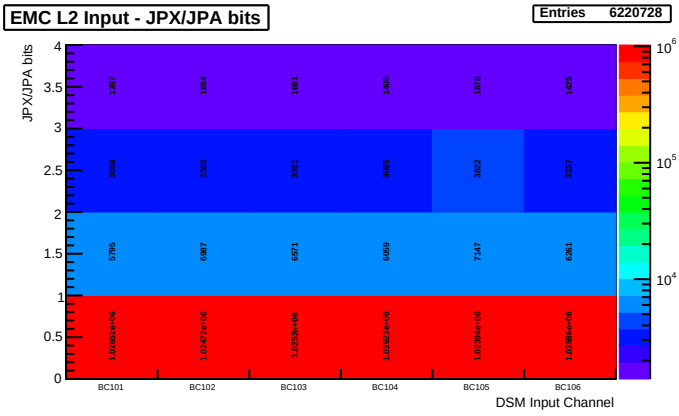

Endcap EMC L1 Input - HT-th0 Diff
Entries 3
HT-th0
EE101
EE102
3
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

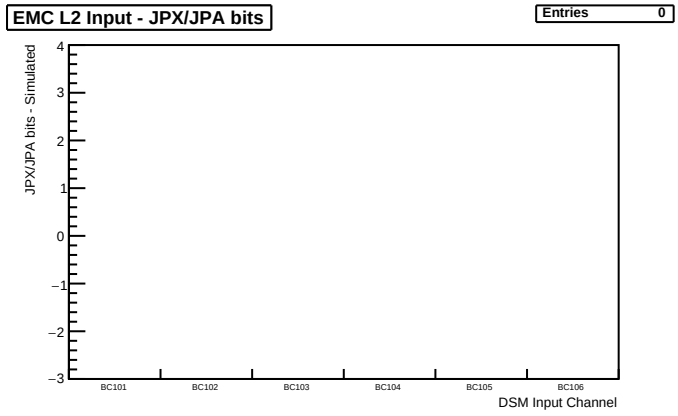

Endcap EMC L1 Input - HT-th1
Entries 1.244146e+07
HT-th1
EE101
EE102
566 120 140 637 652 194 184 633 621 90 223 689
1.03622e+06 1.03657e+06 1.03665e+06 1.03615e+06 1.03614e+06 1.03659e+06 1.03666e+06 1.03616e+06 1.03617e+06 1.03667e+06 1.03656e+06 1.03612e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

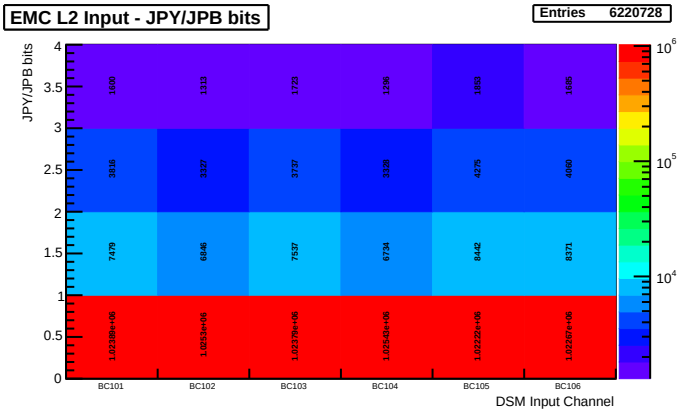

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

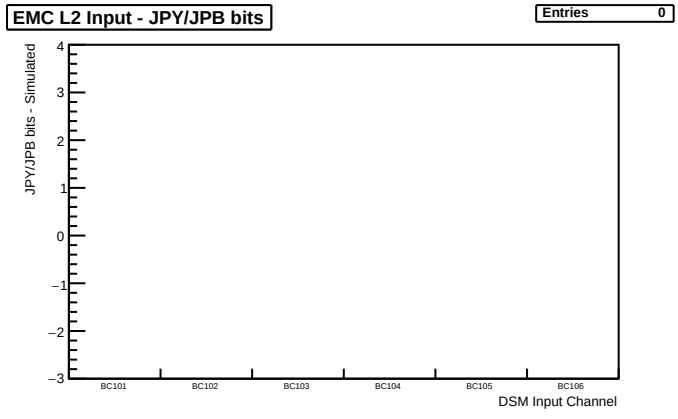

Endcap EMC L1 Input - HT.TP
Entries 1.244146e+07
HT.TP
17827 3755 3826 17356 18772 4917 4893 17734 18182 3110 3948 19061
1.01896e+06 1.03303e+05 1.03286e+06 1.01943e+06 1.01802e+06 1.03187e+05 1.03319e+05 1.01905e+06 1.01861e+05 1.03368e+05 1.03284e+05 1.01772e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

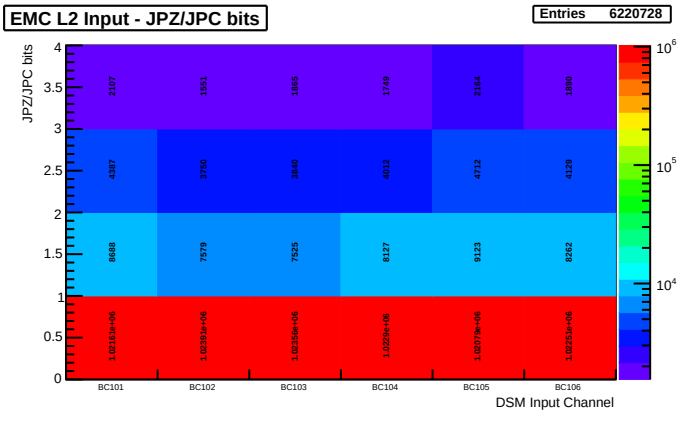

Endcap EMC L1 Input - HT.TP Diff
Entries 241
HT.TP Diff
230
11
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

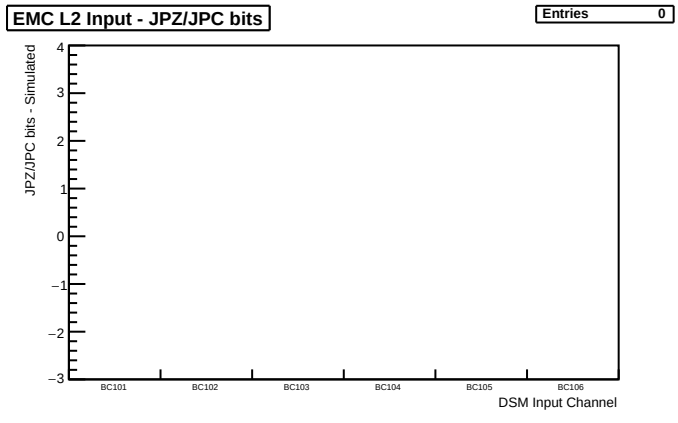

EMC L2 Input - JPX/JPA bits
Entries 6220728
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
1337
1694
1661
1400
1578
1425
3088
3385
3351
3095
3822
3237
5795
6987
6571
6059
7147
6261
1.02652e+06
1.02472e+06
1.02528e+06
1.02623e+06
1.02394e+06
1.02586e+06

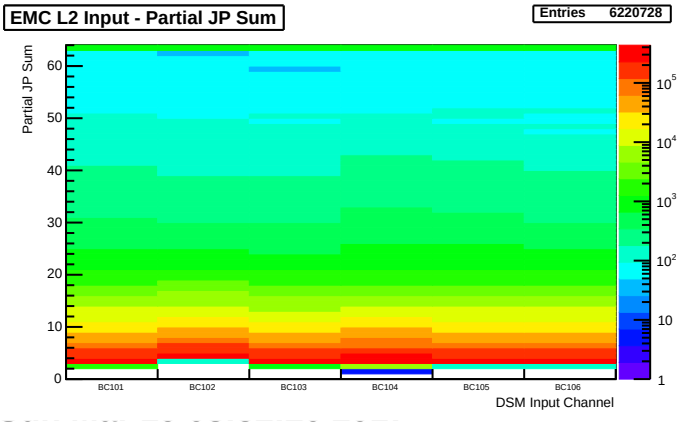

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

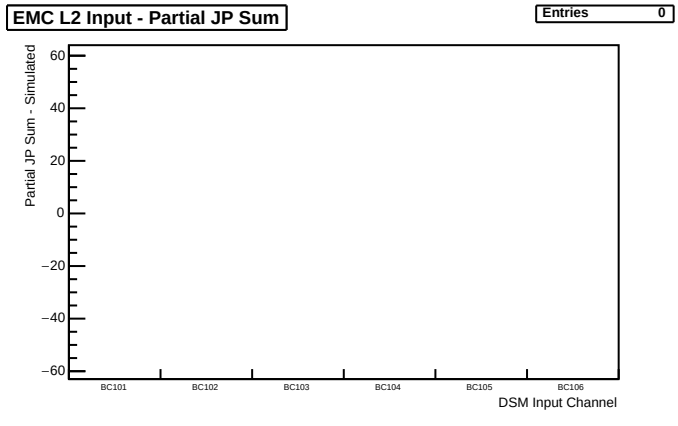

EMC L2 Input - JPY/JPB bits
Entries 6220728
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
1600
1331
1723
1236
1853
1686
3816
3327
3737
3328
4275
4060
7479
6946
7537
6734
8442
8371
1.02388e+06
1.0253e+06
1.02379e+06
1.02543e+06
1.02222e+06
1.02267e+06

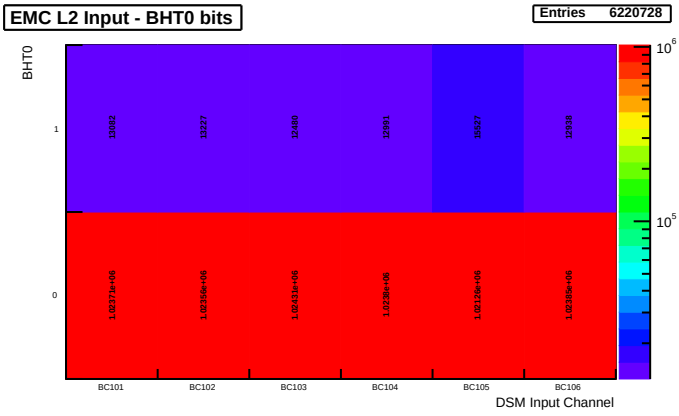

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

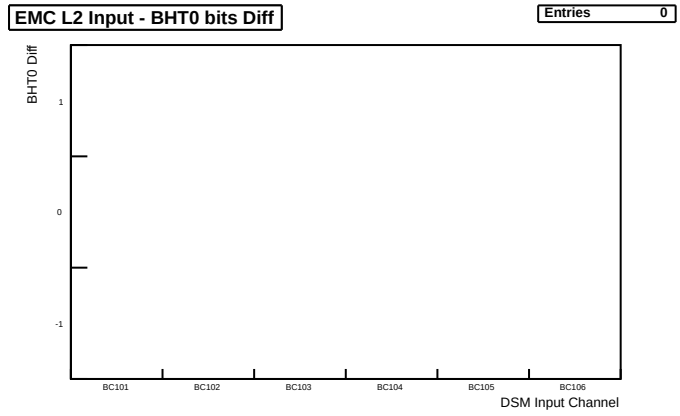

EMC L2 Input - JPZ/JPC bits
Entries 6220728
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
2107
1551
1855
1749
2154
1800
4387
3750
3840
4012
4712
4129
8688
7579
7525
8127
9123
8262
1.02151e+06
1.02391e+06
1.02356e+06
1.0229e+06
1.02079e+06
1.02251e+06

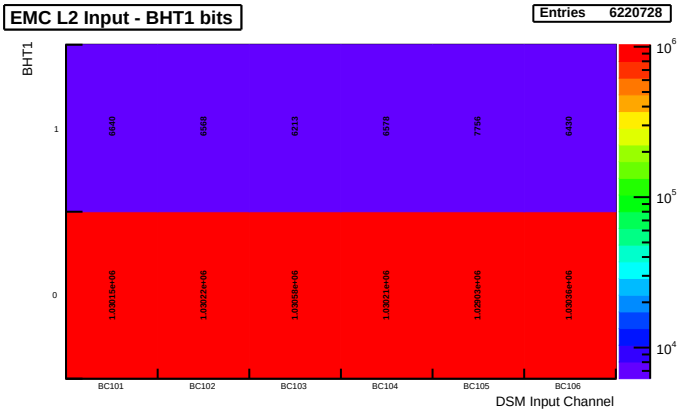

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

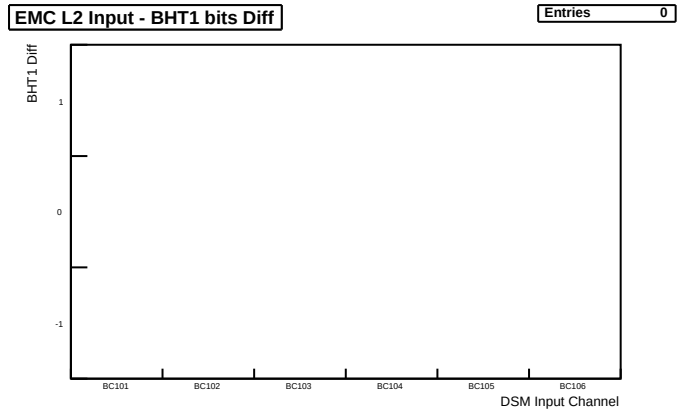

EMC L2 Input - Partial JP Sum
Entries 6220728
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

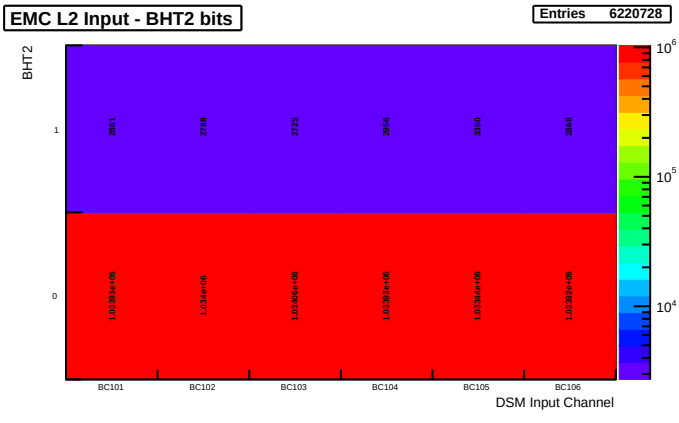

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

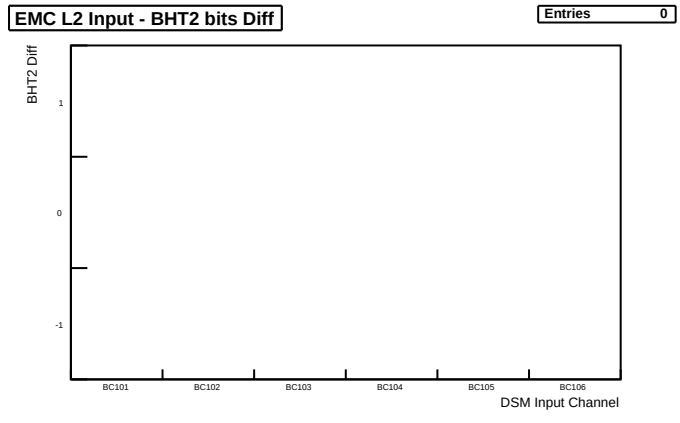

EMC L2 Input - BHT0 bits
Entries 6220728
BHT0
1
0
13082
13227
12480
12931
15527
12838
1.02371e+06
1.02356e+06
1.02431e+06
1.0238e+06
1.02126e+06
1.02385e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

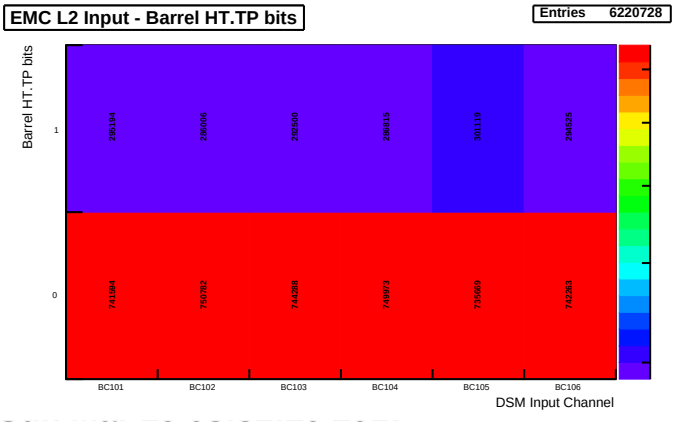

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

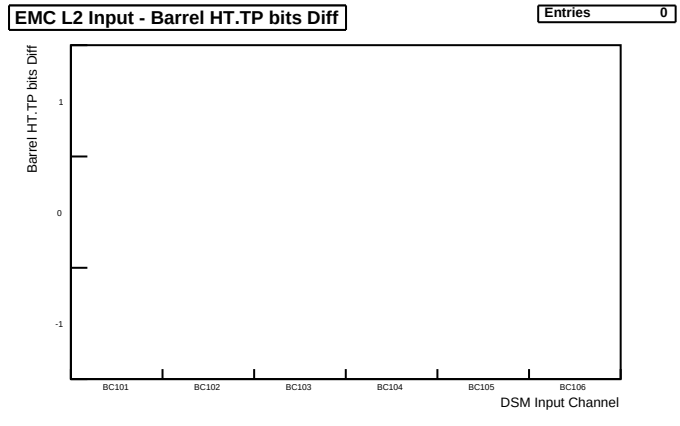

EMC L2 Input - BHT1 bits
Entries 6220728
BHT1
1
0
6640
6568
6213
6578
7756
6430
1.03015e+06
1.03022e+06
1.03058e+06
1.03021e+06
1.02903e+06
1.03036e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

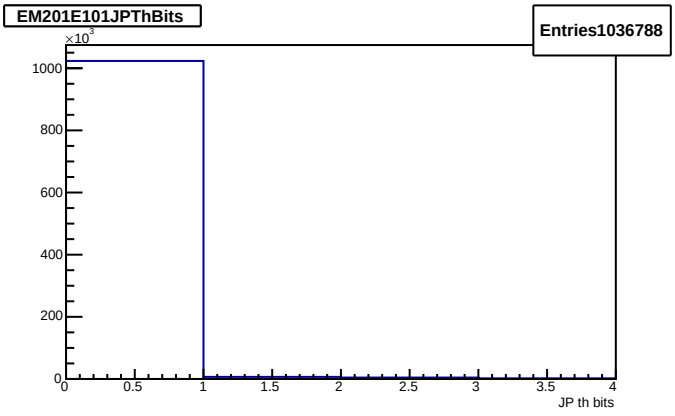

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

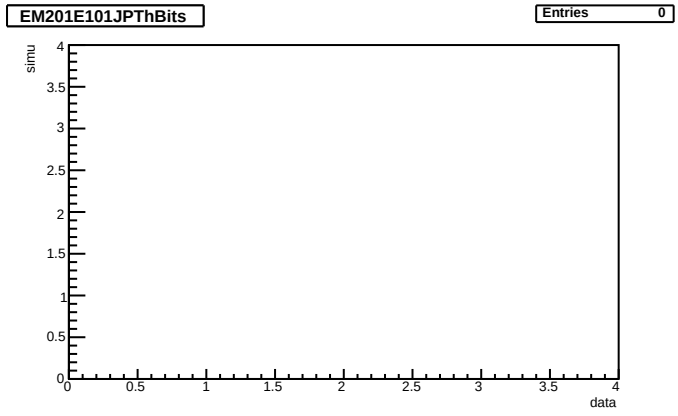

EMC L2 Input - BHT2 bits
Entries 6220728
BHT2
1
0
2851
2788
2725
2855
3350
2868
1.03393e+06
1.034e+06
1.03406e+06
1.03393e+06
1.03344e+06
1.03392e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

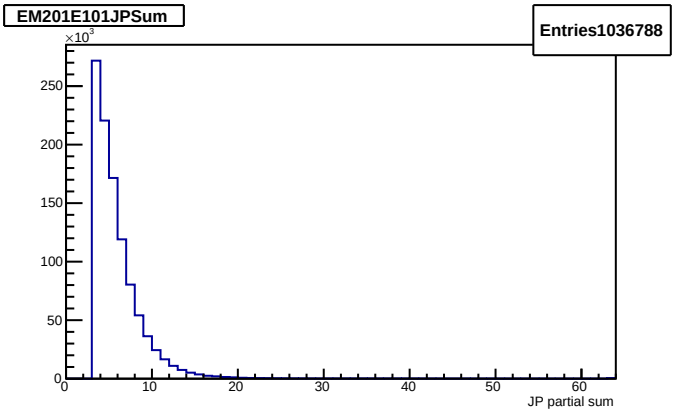

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

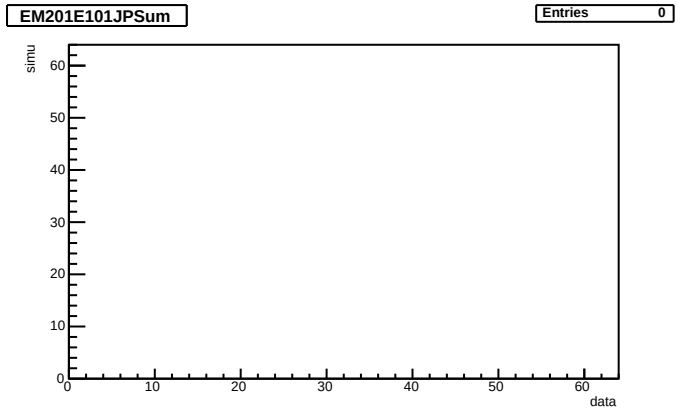

EMC L2 Input - Barrel HT.TP bits
Entries 6220728
Barrel HT.TP bits
1
0
286194
286006
282900
286415
301119
294525
741894
750782
744288
749973
735669
742383
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

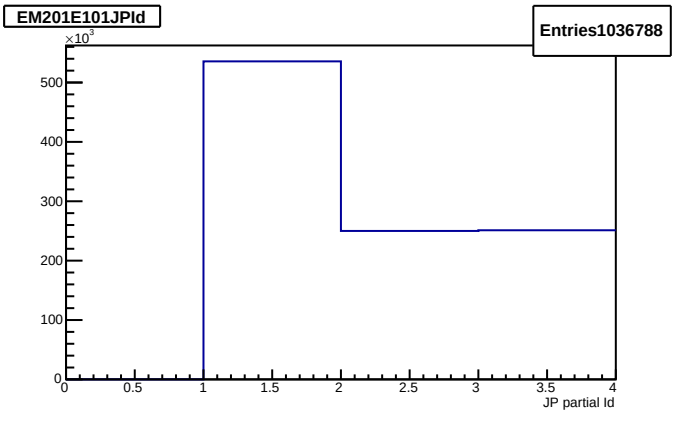

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

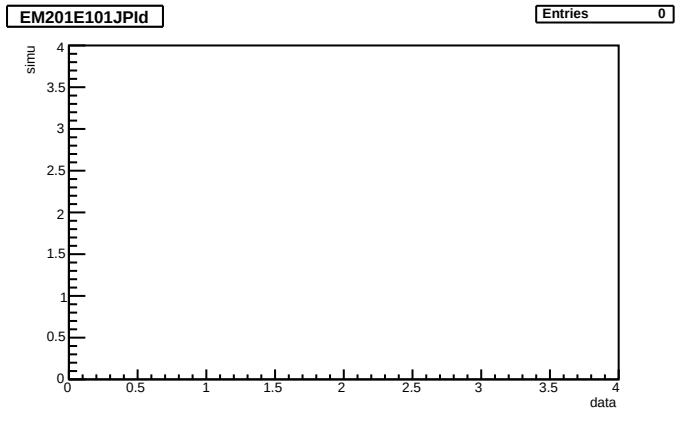

EM201E101JPThBits
Entries1036788
×10^3
1000
800
600
400
200
0
0 0.5 1 1.5 2 2.5 3 3.5 4
JP th bits

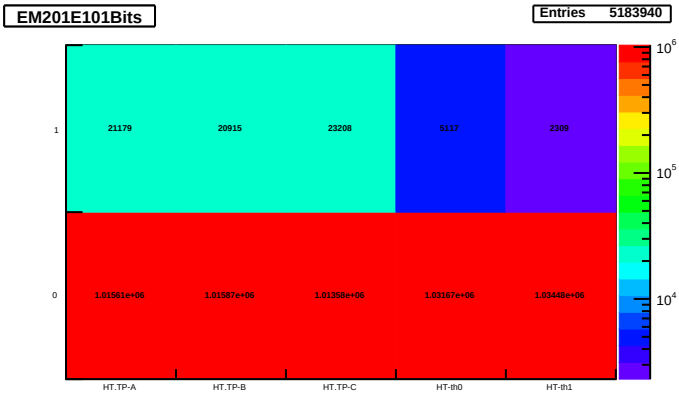

EM201E101JPThBits
Entries 0
simu
4 3.5 3 2.5 2 1.5 1 0.5 0
0 0.5 1 1.5 2 2.5 3 3.5 4
data

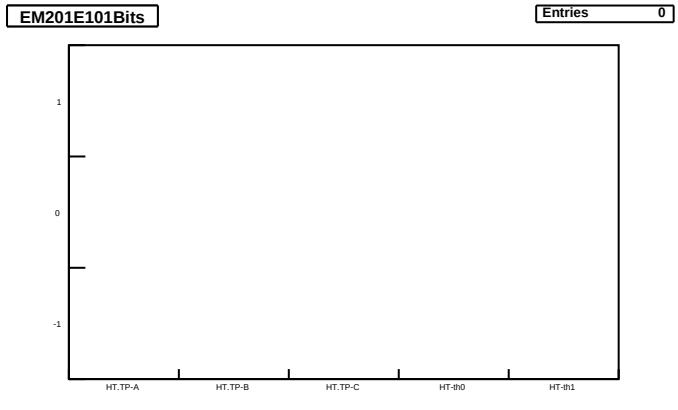

EM201E101JPSum
Entries1036788
×10^3
250
200
150
100
50
0
0 10 20 30 40 50 60
JP partial sum

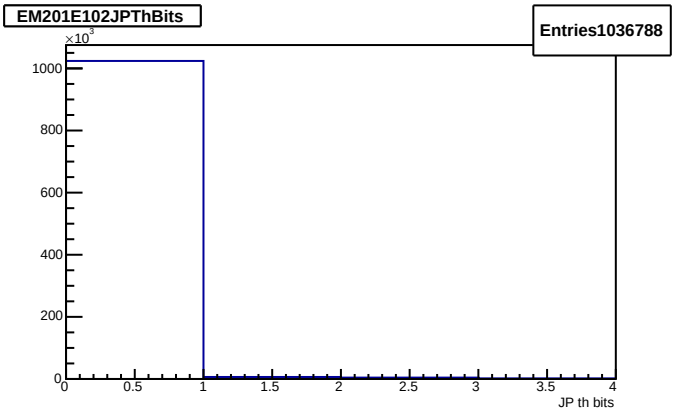

EM201E101JPSum
Entries 0
simu
60 50 40 30 20 10 0
0 10 20 30 40 50 60
data

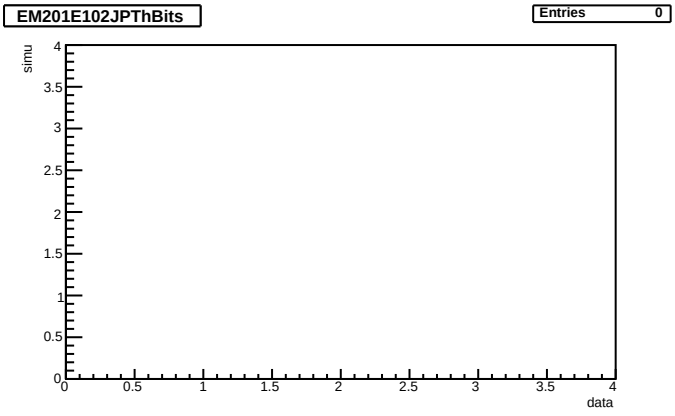

EM201E101JPId
Entries1036788
×10^3
500
400
300
200
100
0
0 0.5 1 1.5 2 2.5 3 3.5 4
JP partial Id

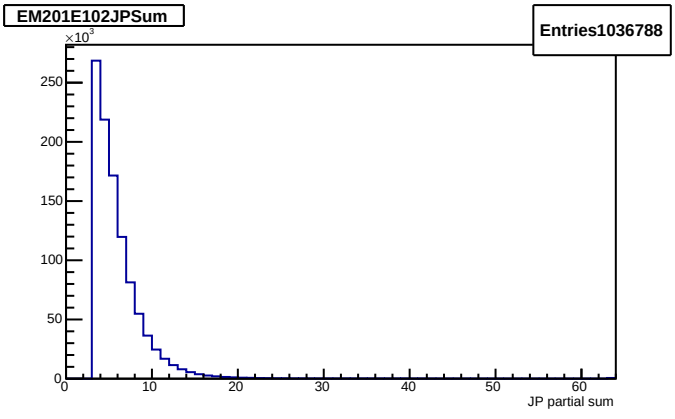

EM201E101JPId
Entries 0
simu
4 3.5 3 2.5 2 1.5 1 0.5 0
0 0.5 1 1.5 2 2.5 3 3.5 4
data

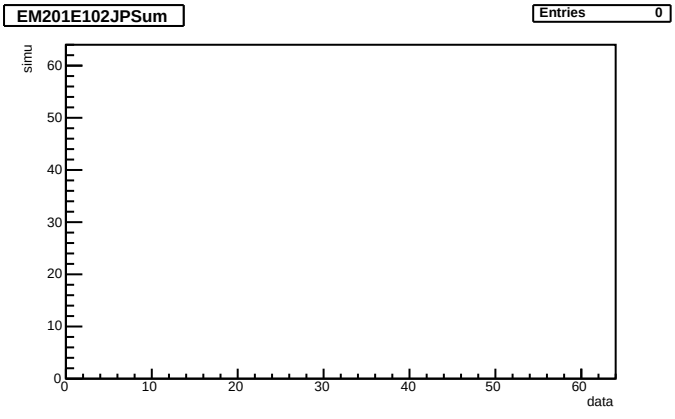

EM201E101Bits
Entries 5183940
1
0
21179
20915
23208
5117
2309
1.01561e+06
1.01587e+06
1.01358e+06
1.03167e+06
1.03448e+06
10^6
10^5
10^4
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

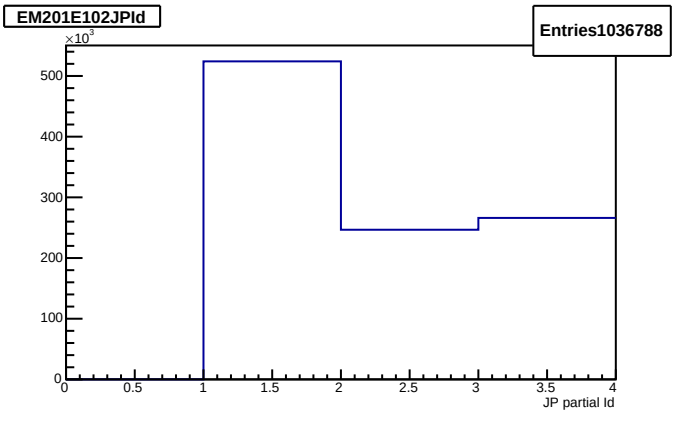

EM201E101Bits
Entries 0
1
0
-1
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

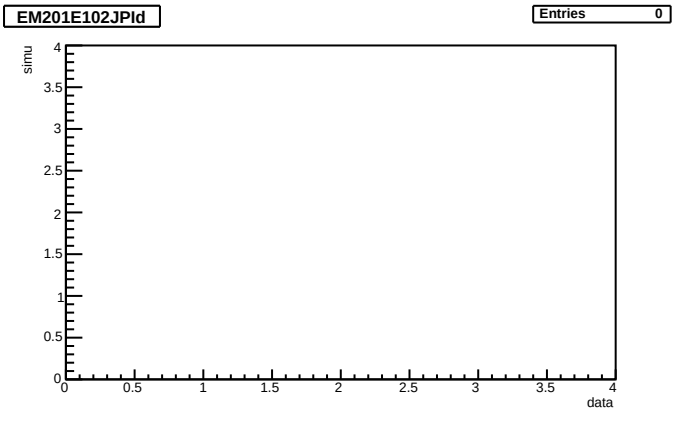

EM201E102JPThBits
Entries1036788
×10^3
JP th bits

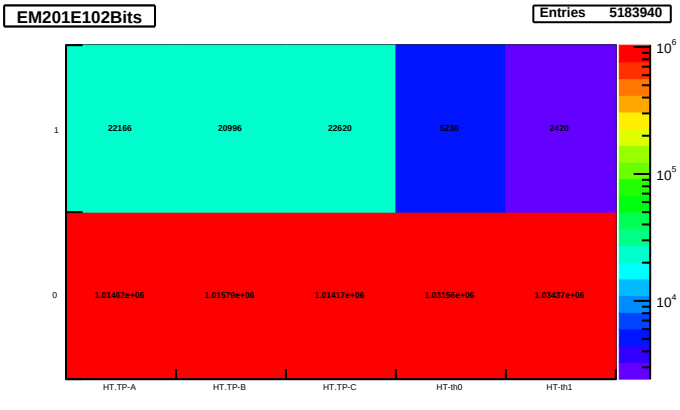

EM201E102JPThBits
Entries 0
simu
data

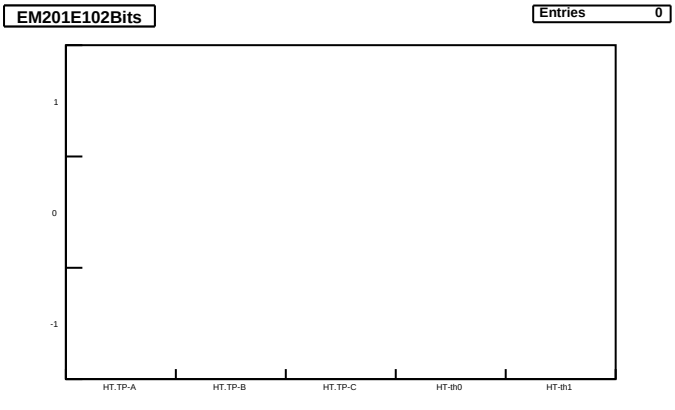

EM201E102JPSum
Entries1036788
×10^3
JP partial sum

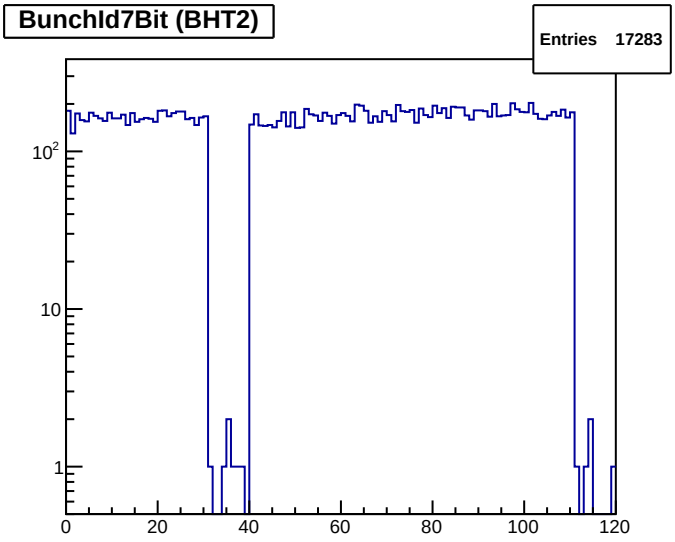

EM201E102JPSum
Entries 0
simu
data

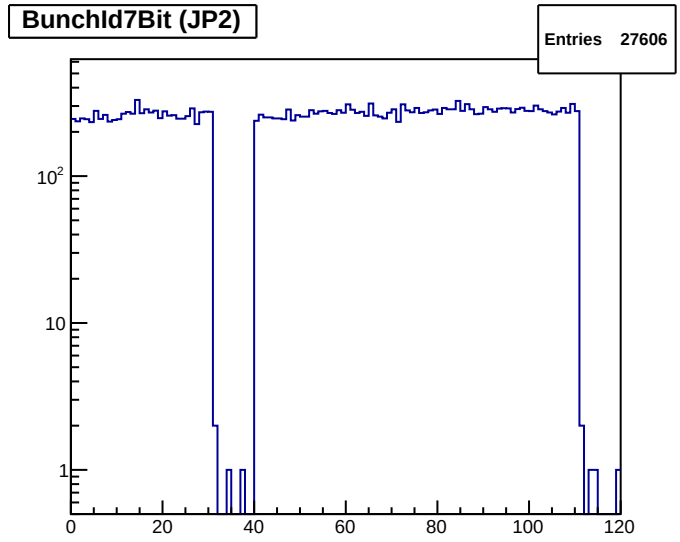

EM201E102JPId
Entries1036788
×10^3
JP partial Id

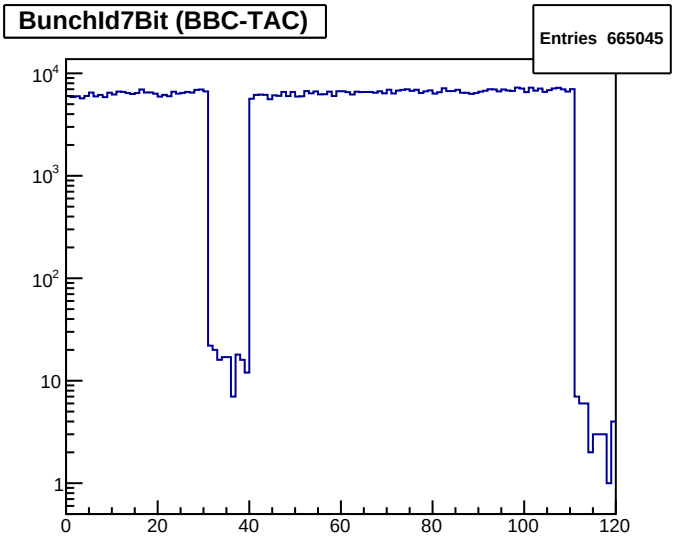

EM201E102JPId
Entries 0
simu
data

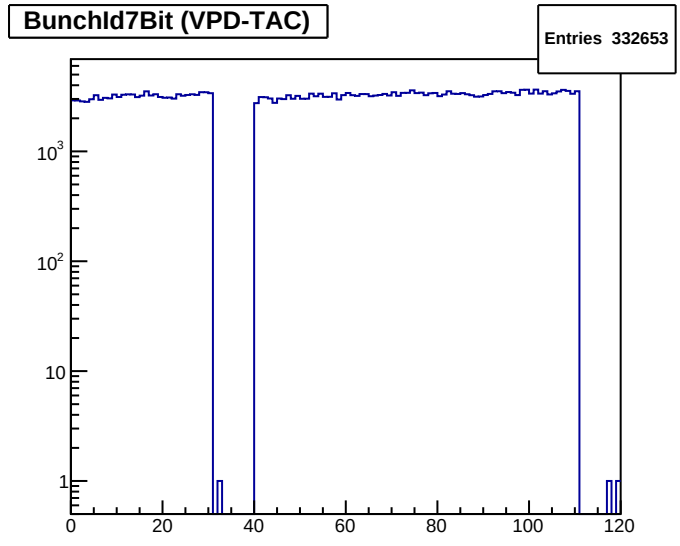

EM201E102Bits
Entries 5183940
22166
20996
22620
5230
2420
1.01462e+06
1.01579e+06
1.01417e+06
1.03156e+06
1.03437e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

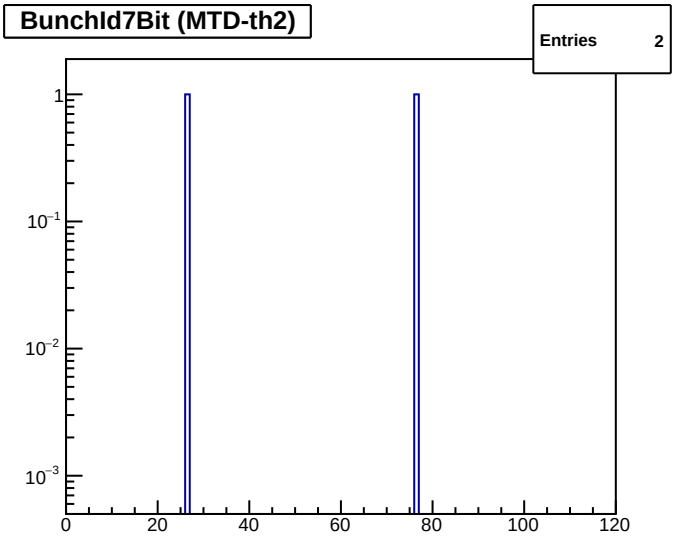

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

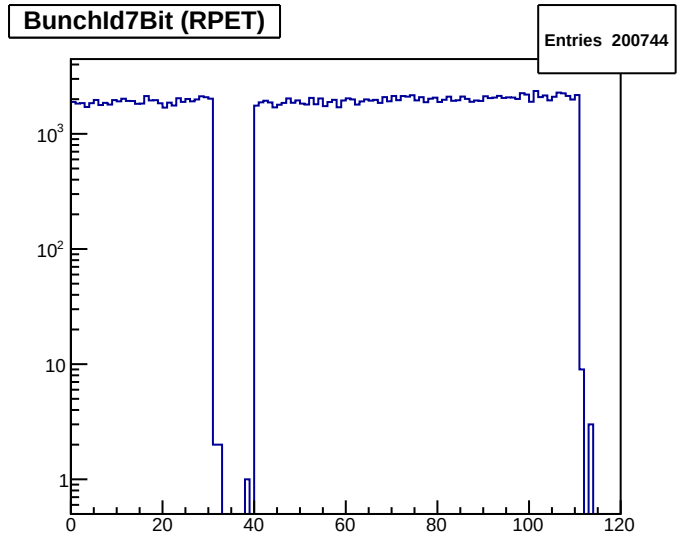

BunchId7Bit (BHT2)
Entries 17283

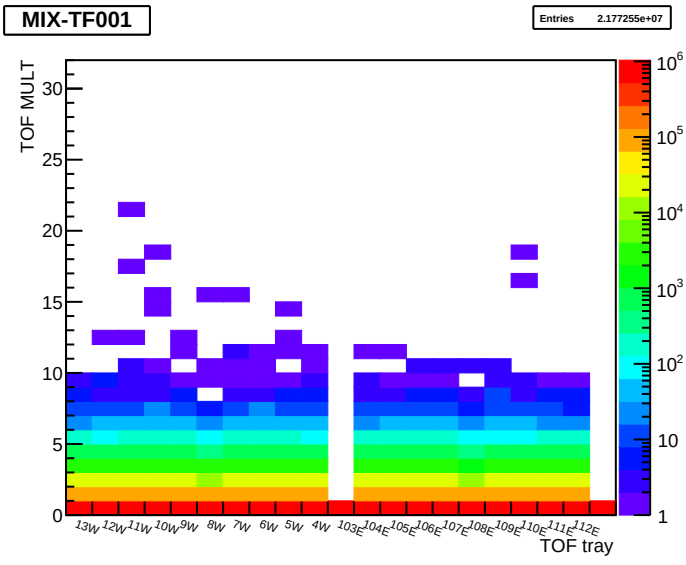

BunchId7Bit (JP2)
Entries 27606

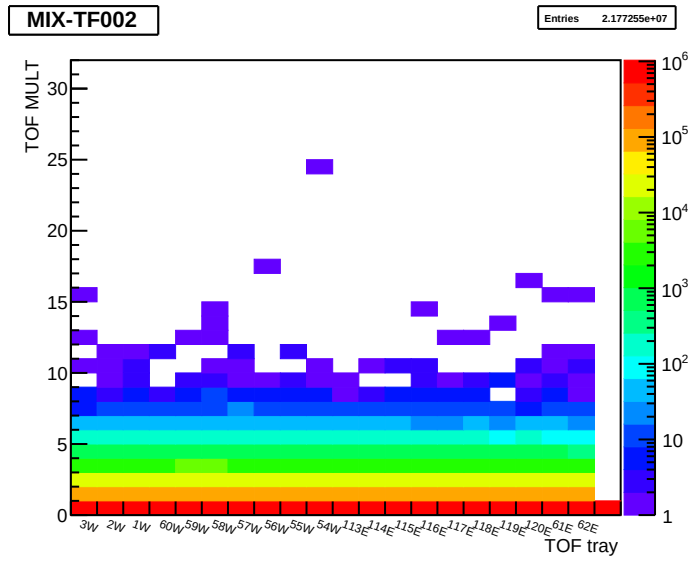

BunchId7Bit (BBC-TAC)
Entries 665045

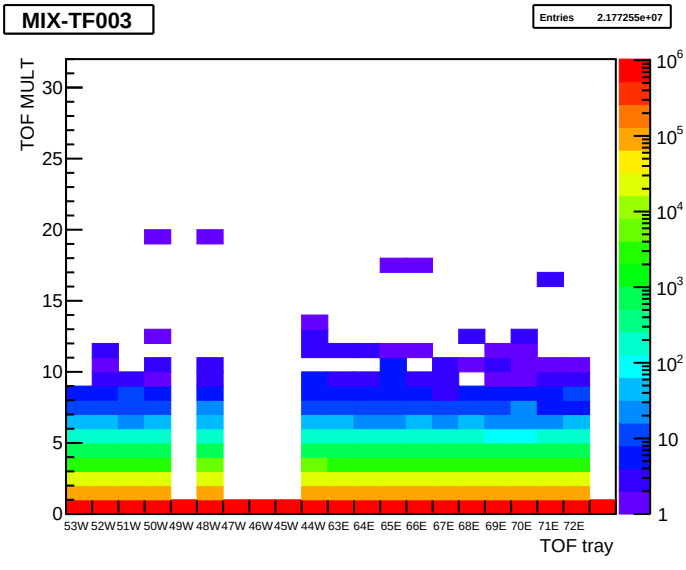

BunchId7Bit (VPD-TAC)
Entries 332653

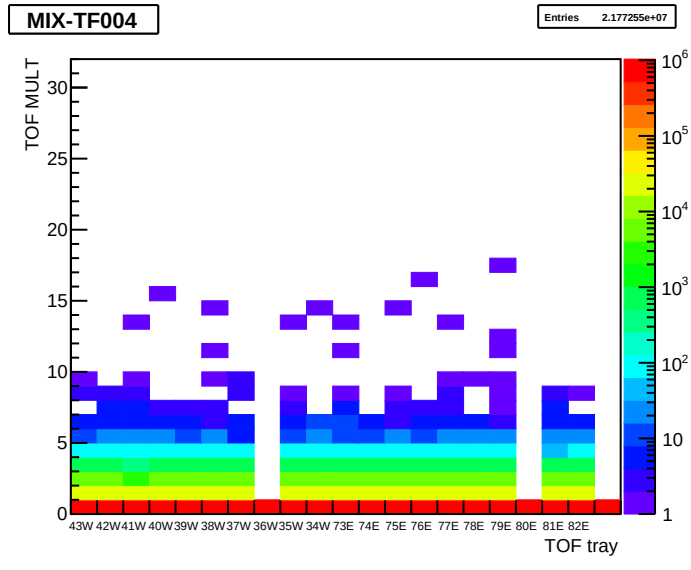

BunchId7Bit (MTD-th2)
Entries 2

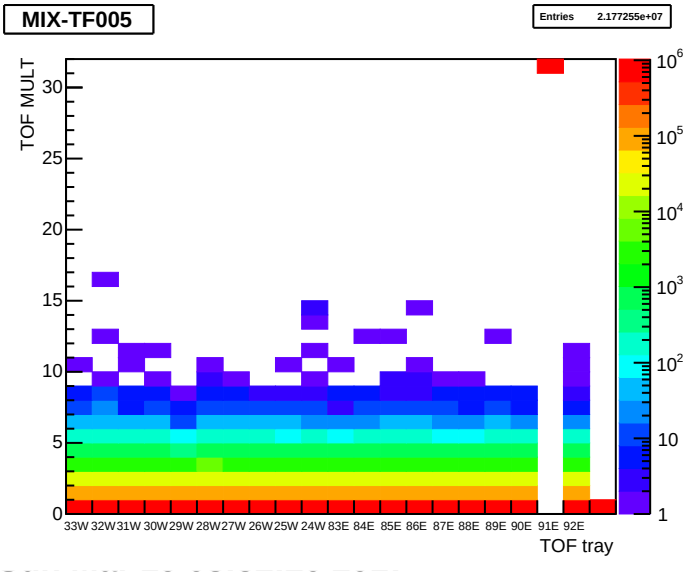

BunchId7Bit (RPET)
Entries 200744

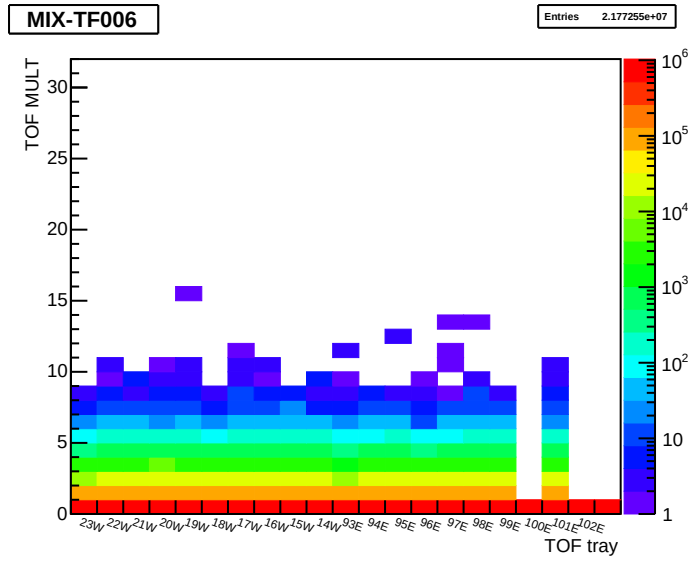

MIX-TF001
Entries 2.177255e+07
TOF MULT
TOF tray

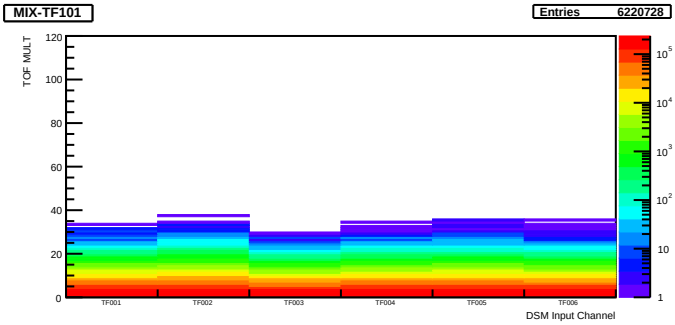

MIX-TF002
Entries 2.177255e+07
TOF MULT
TOF tray

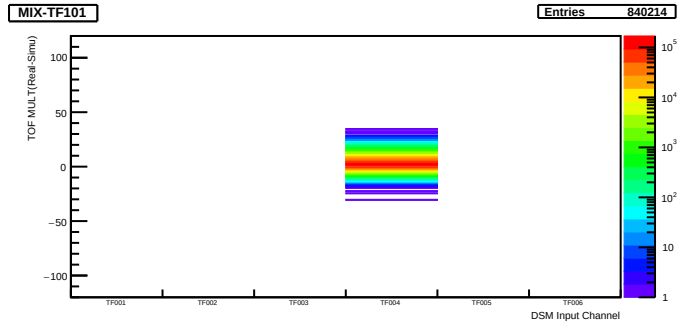

MIX-TF003
Entries 2.177255e+07
TOF MULT
TOF tray

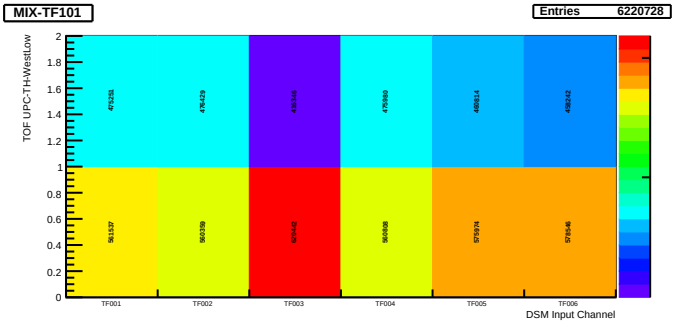

MIX-TF004
Entries 2.177255e+07
TOF MULT
TOF tray

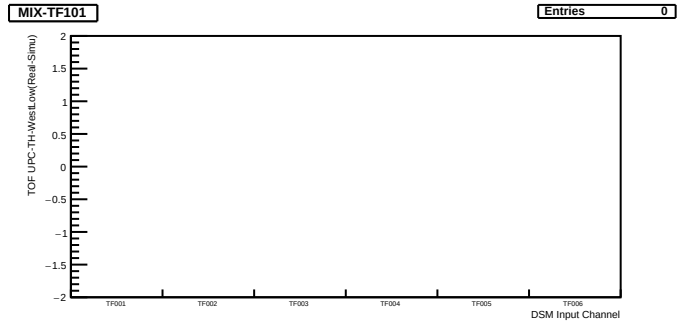

MIX-TF005
Entries 2.177255e+07
TOF MULT
TOF tray

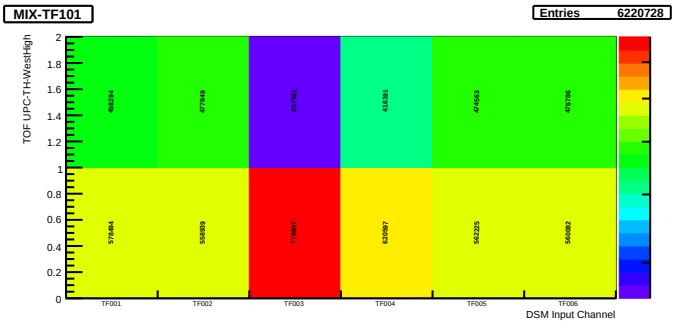

MIX-TF006
Entries 2.177255e+07
TOF MULT
TOF tray

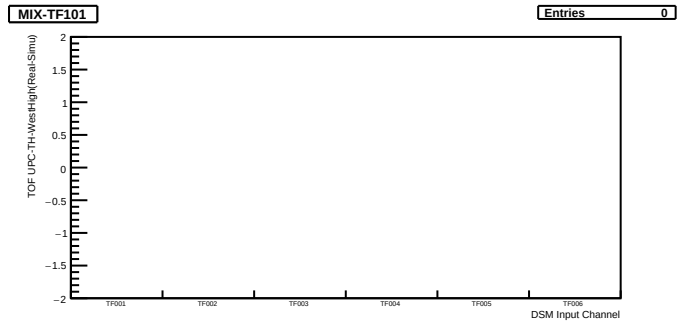

MIX-TF101
Entries 6220728
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

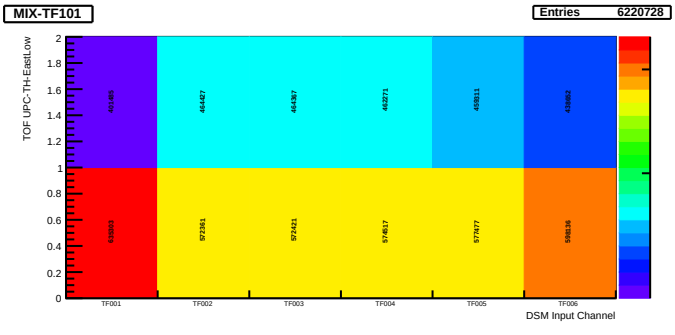

MIX-TF101
Entries 840214
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

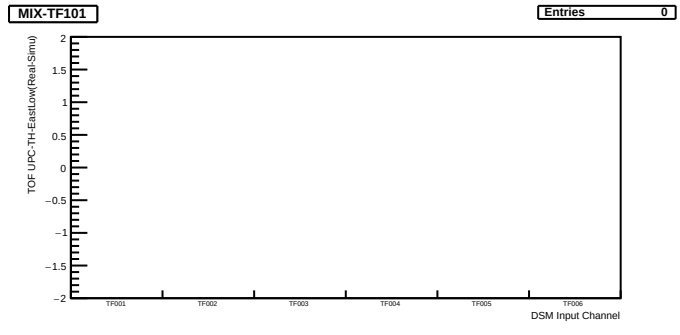

MIX-TF101
Entries 6220728
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

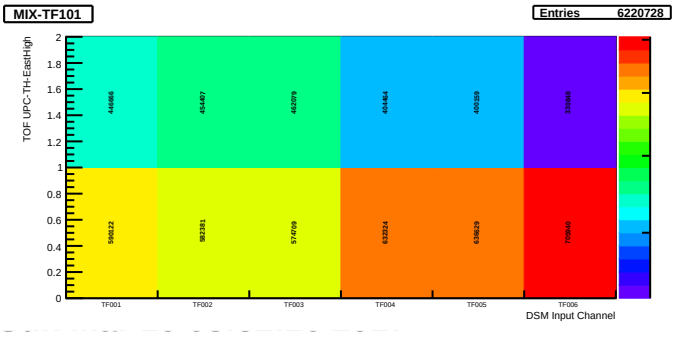

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

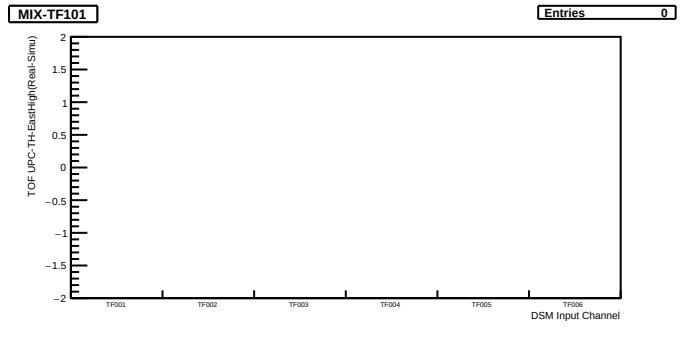

MIX-TF101
Entries 6220728
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

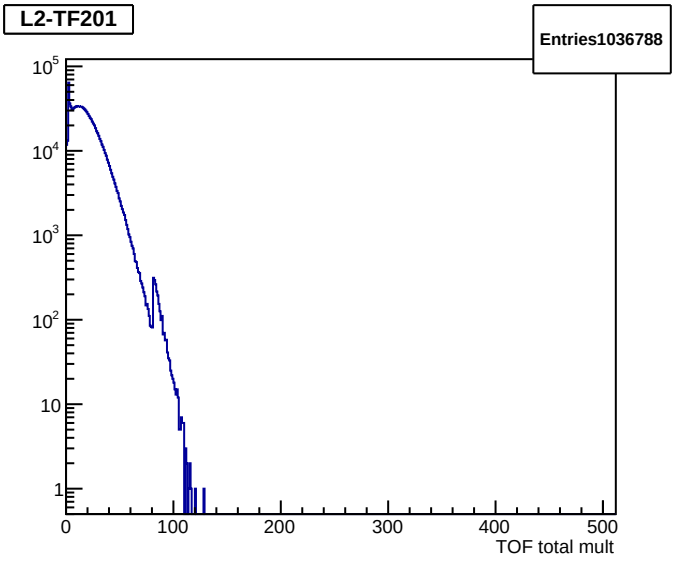

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

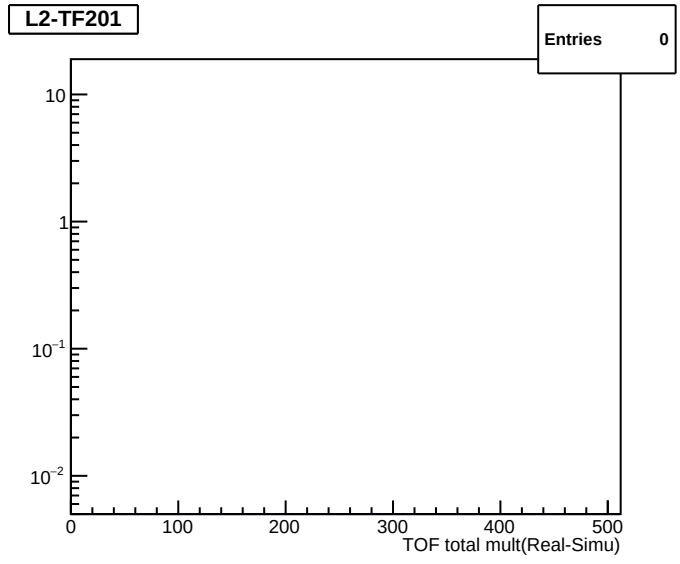

MIX-TF101
Entries 6220728
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

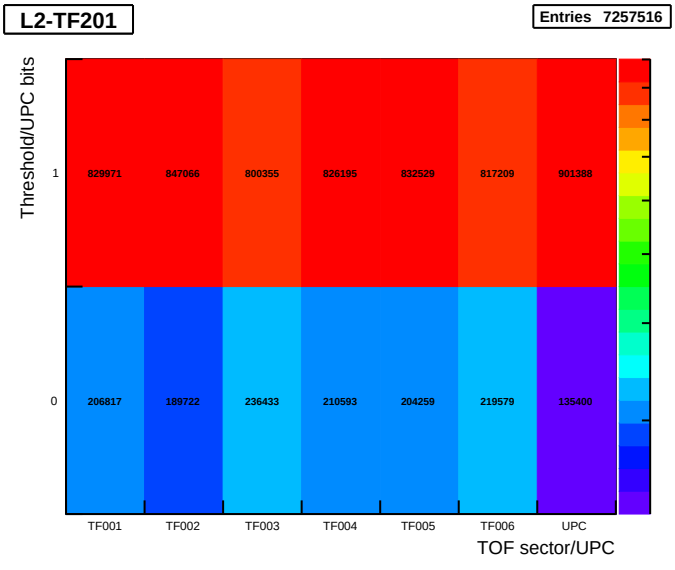

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

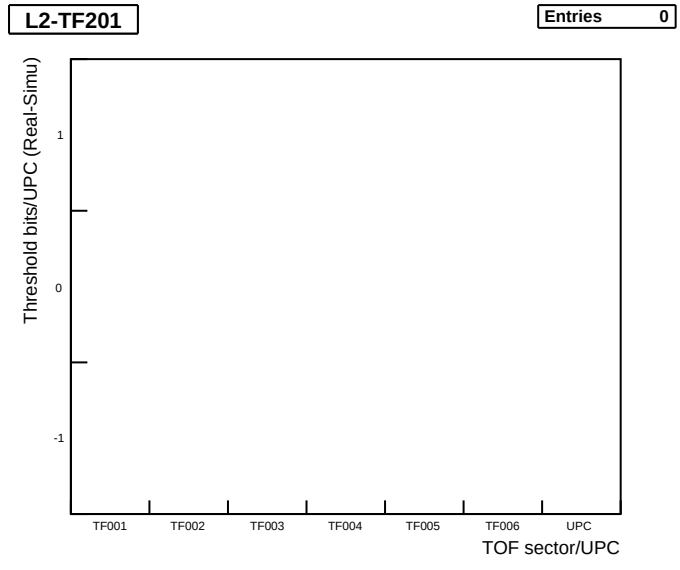

MIX-TF101
Entries 6220728
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

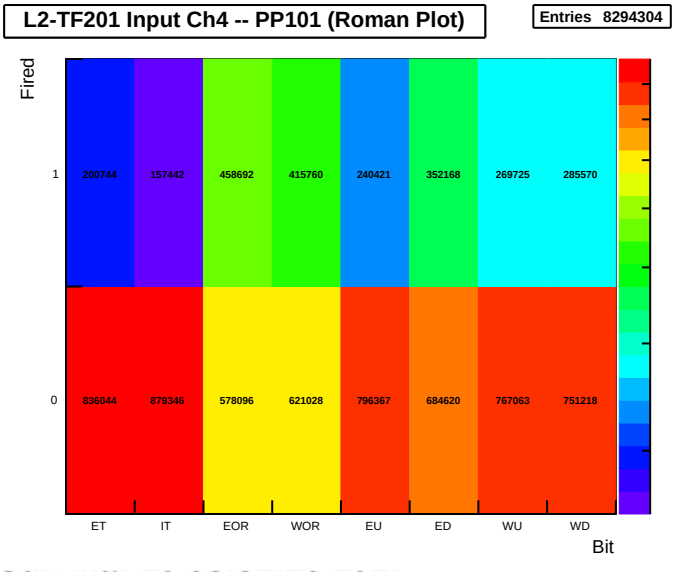

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

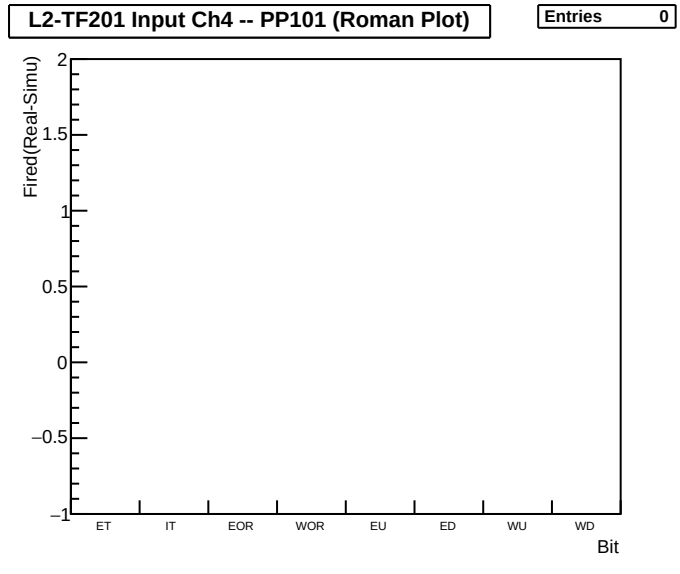

L2-TF201
Entries1036788
TOF total mult

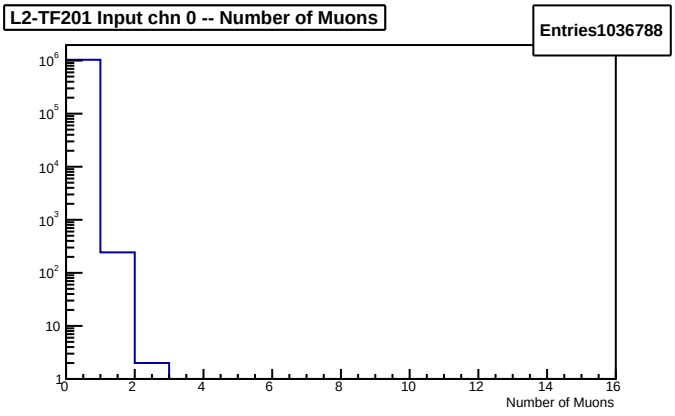

L2-TF201
Entries 0
TOF total mult(Real-Simu)

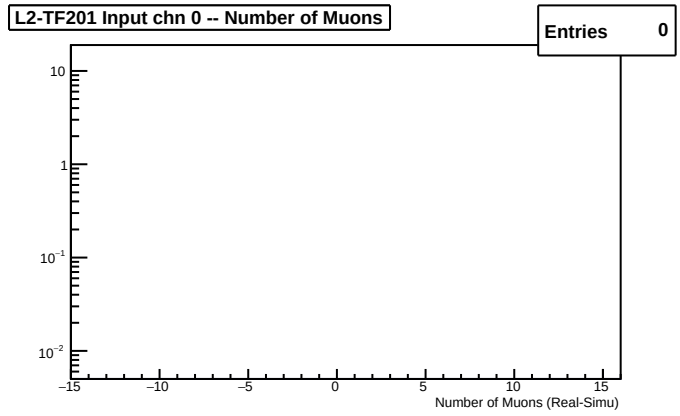

L2-TF201
Entries 7257516
Threshold/UPC bits
829971 847066 800355 826195 832529 817209 901388
206817 189722 236433 210593 204259 219579 135400
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

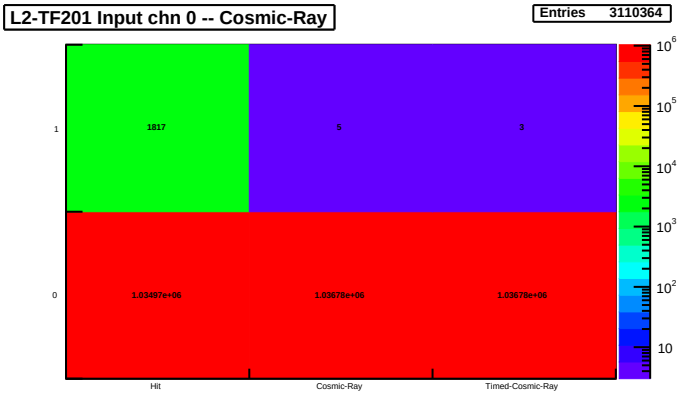

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

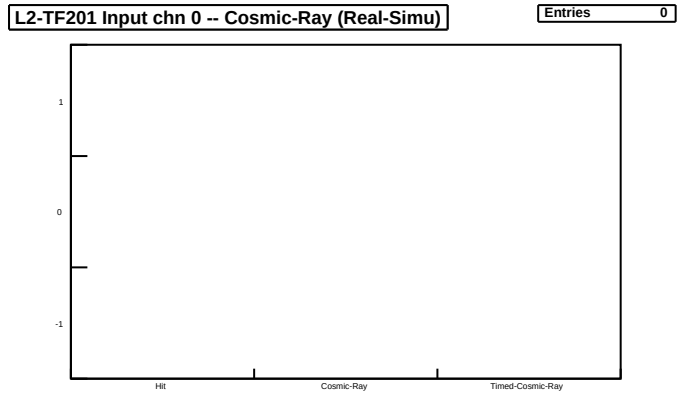

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 8294304
Fired
200744 157442 458692 415760 240421 352168 269725 285570
836044 879346 578096 621028 796367 684620 767063 751218
ET IT EOR WOR EU ED WU WD
Bit

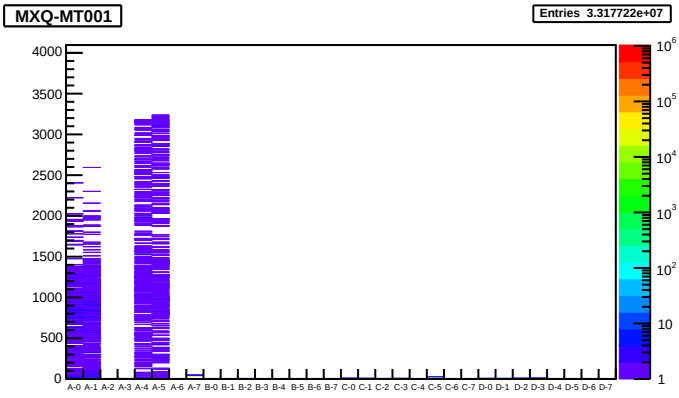

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

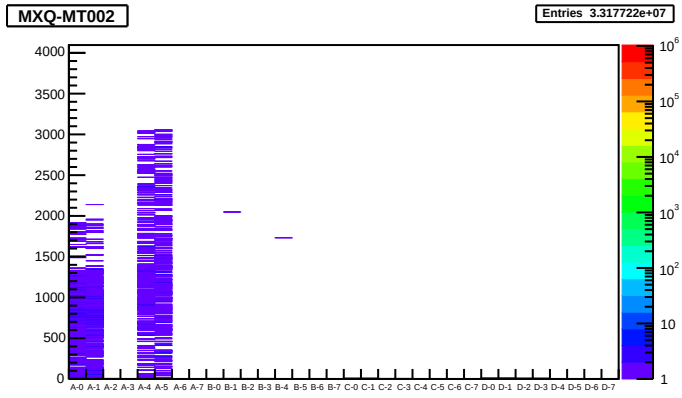

L2-TF201 Input chn 0 -- Number of Muons
Entries1036788
Number of Muons

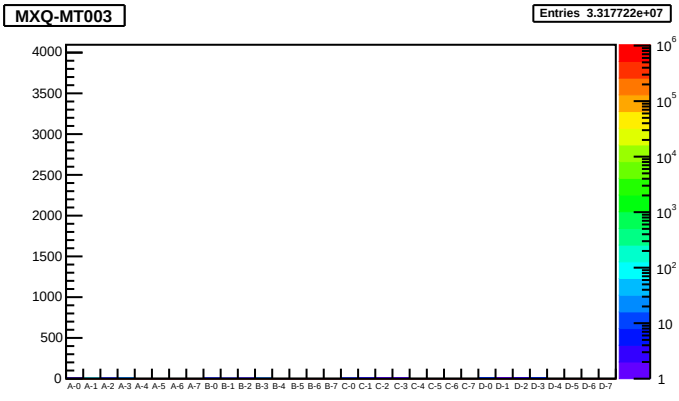

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

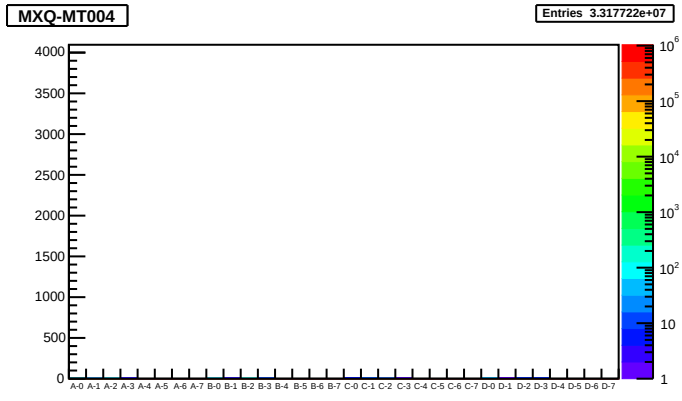

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 3110364
1817
5
3
1.03497e+06
1.03678e+06
1.03678e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

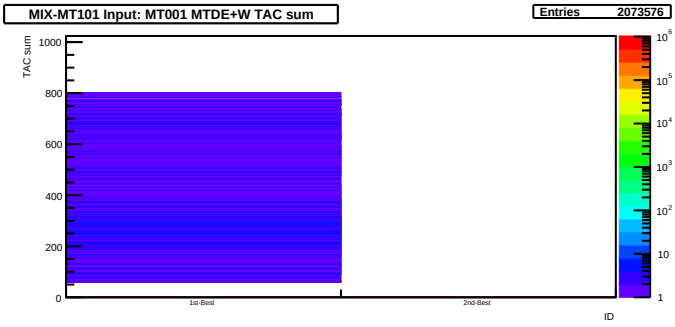

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

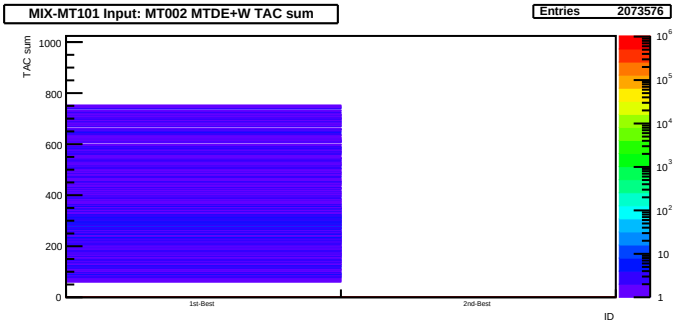

MXQ-MT001
Entries 3.317722e+07

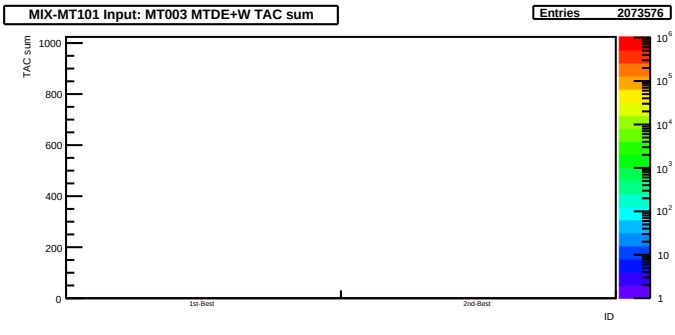

MXQ-MT002
Entries 3.317722e+07

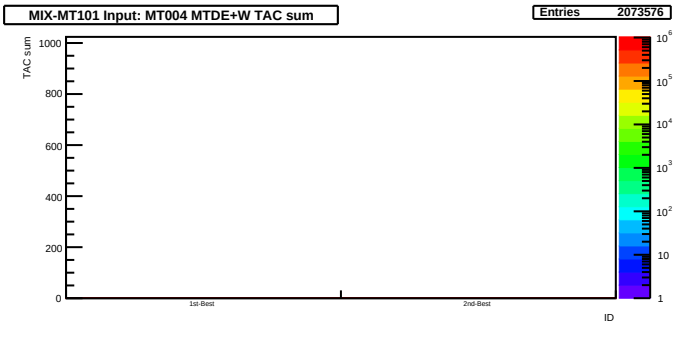

MXQ-MT003
Entries 3.317722e+07

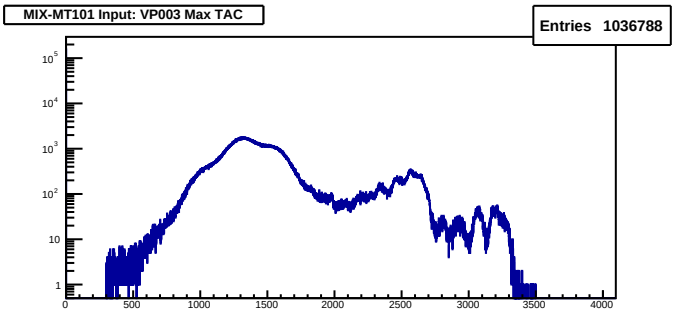

MXQ-MT004
Entries 3.317722e+07

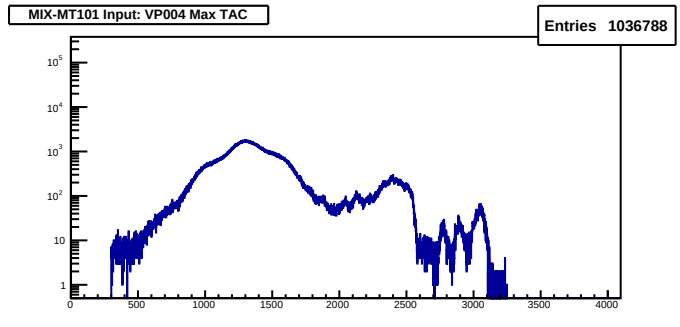

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2073576
TAC sum
1st-Best
2nd-Best
ID

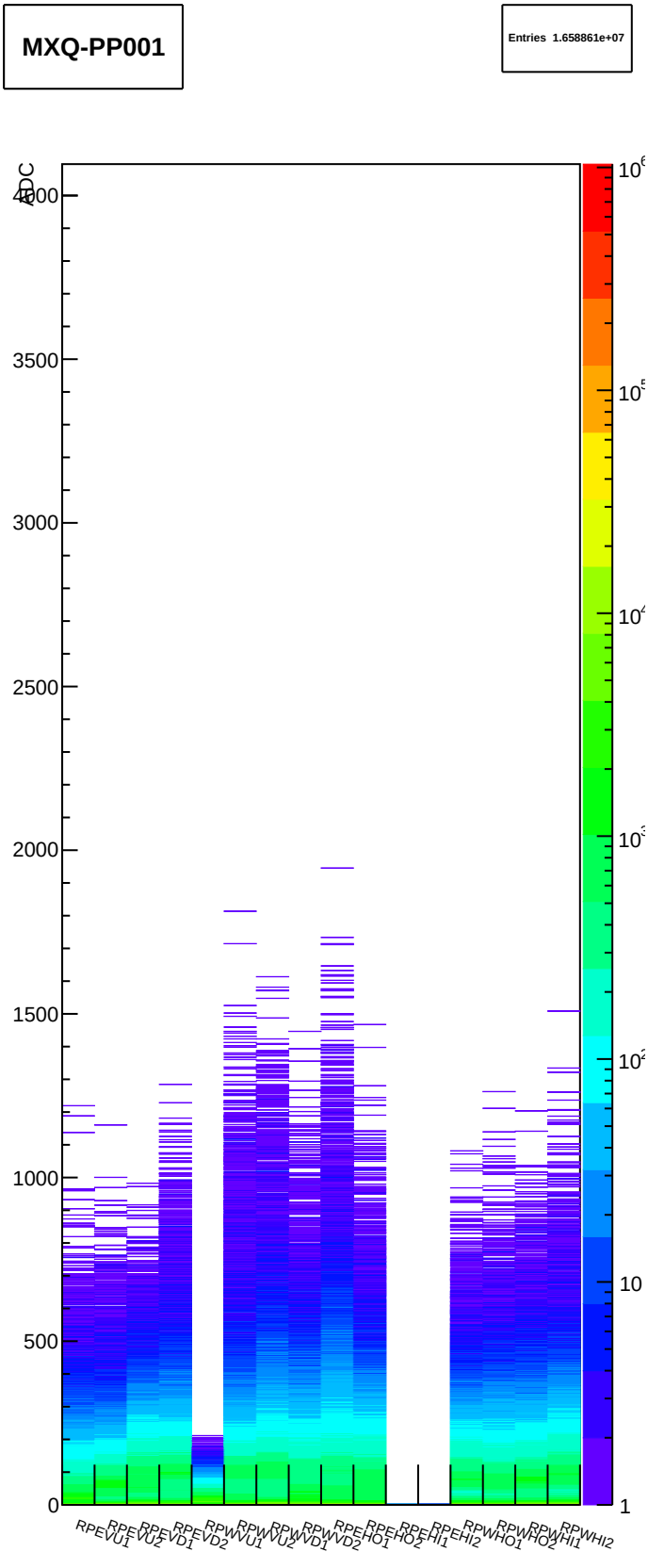

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2073576
TAC sum
1st-Best
2nd-Best
ID

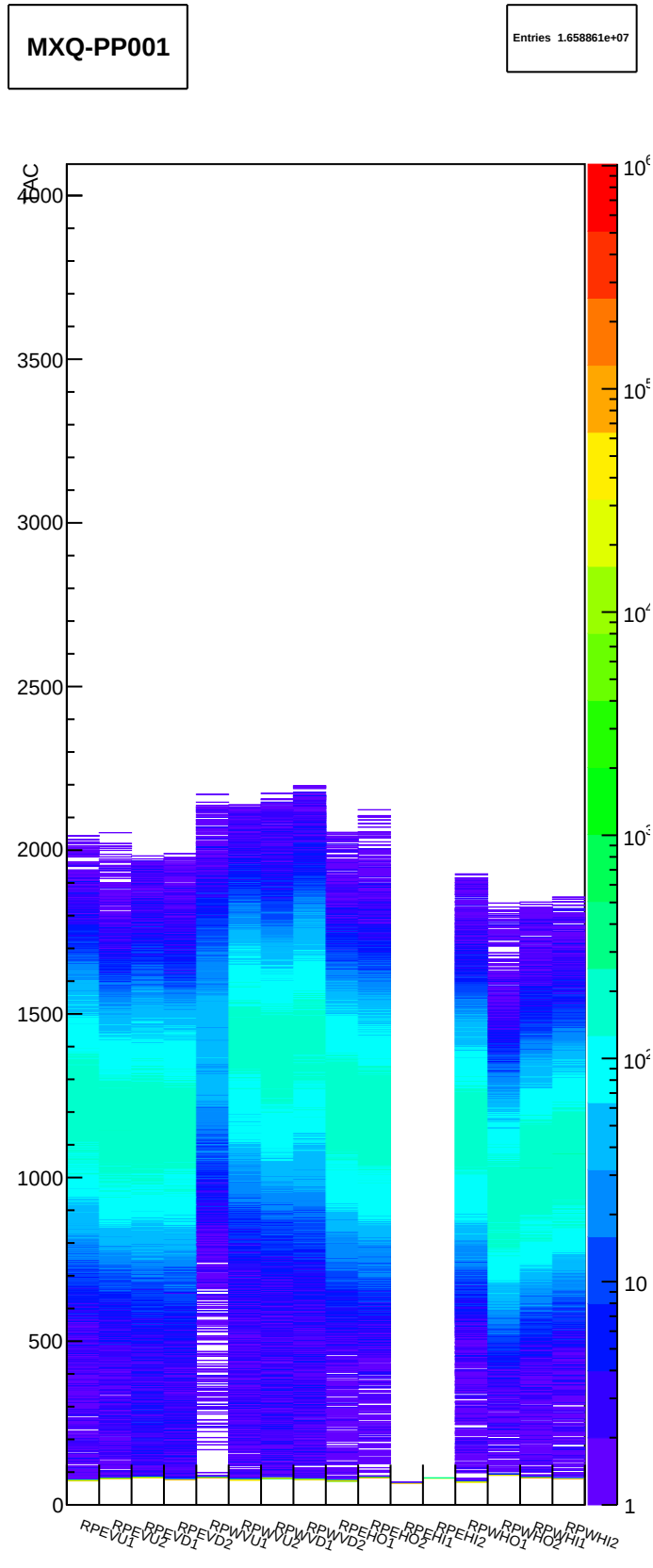

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2073576
TAC sum
1st-Best
2nd-Best
ID

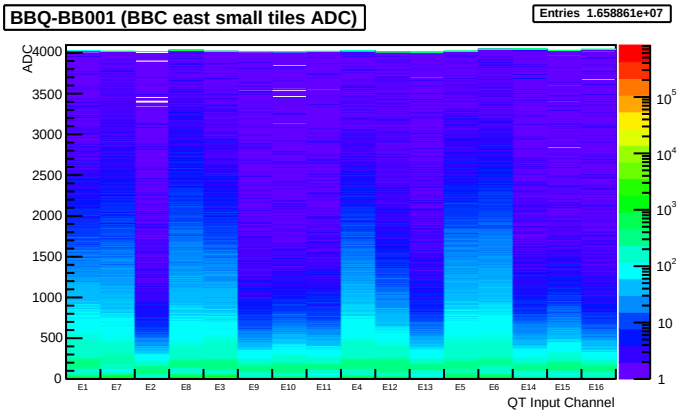

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2073576
TAC sum
1st-Best
2nd-Best
ID

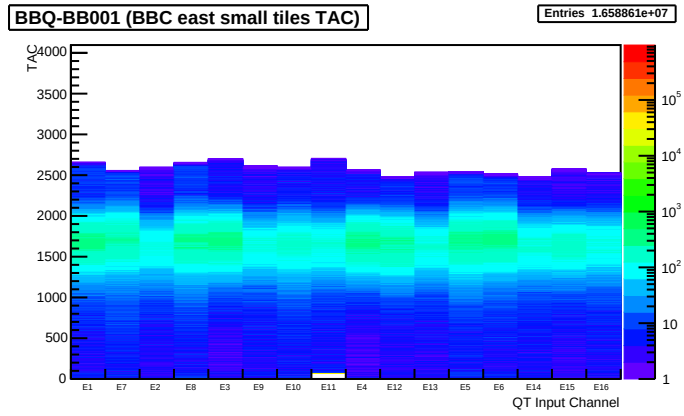

MIX-MT101 Input: VP003 Max TAC
Entries 1036788

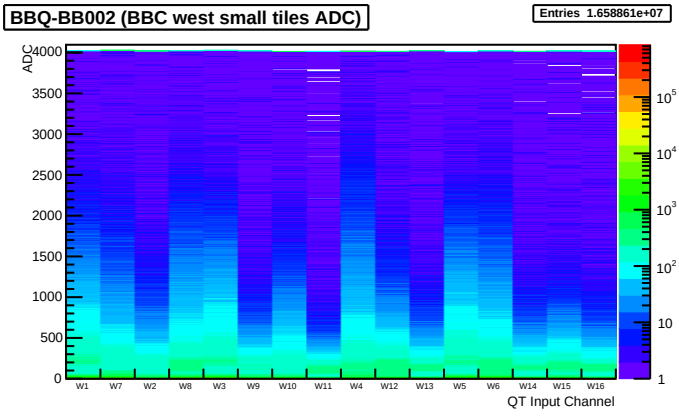

MIX-MT101 Input: VP004 Max TAC
Entries 1036788

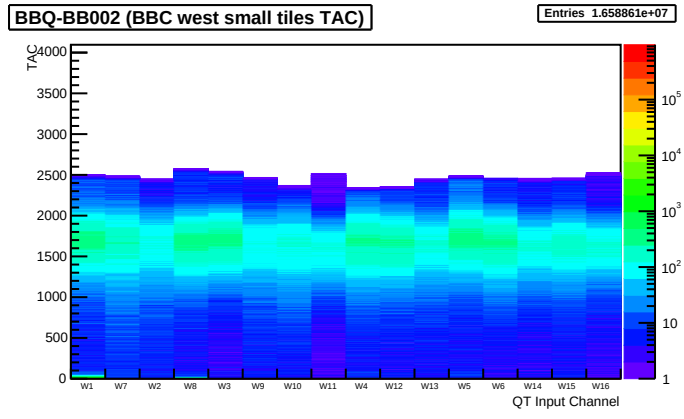

MXQ-PP001
Entries 1.658861e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10
10²
10³
10⁴
10⁵
10⁶

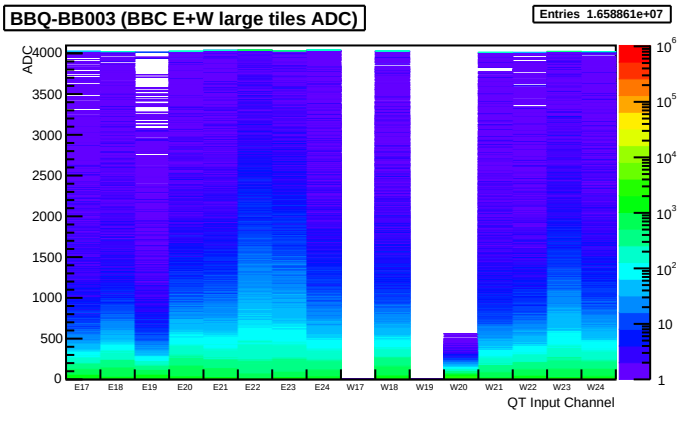

MXQ-PP001
Entries 1.658861e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10
10²
10³
10⁴
10⁵
10⁶

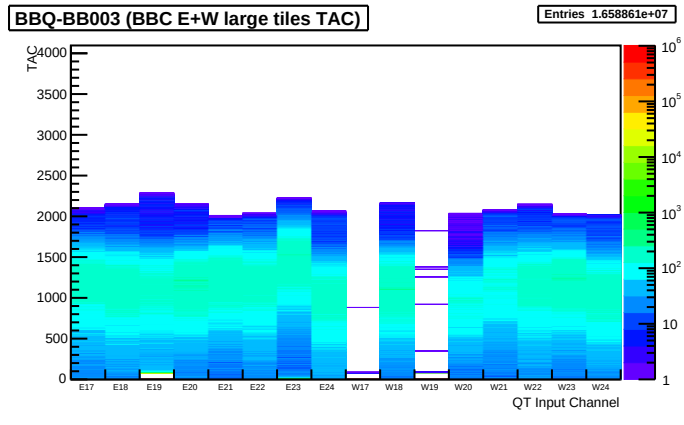

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.658861e+07
ADC
QT Input Channel

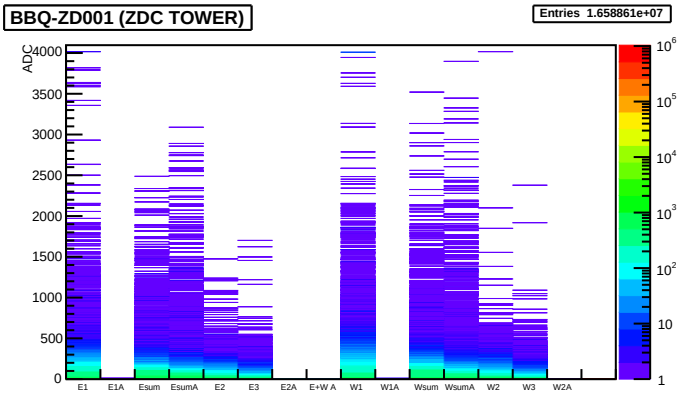

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.658861e+07
TAC
QT Input Channel

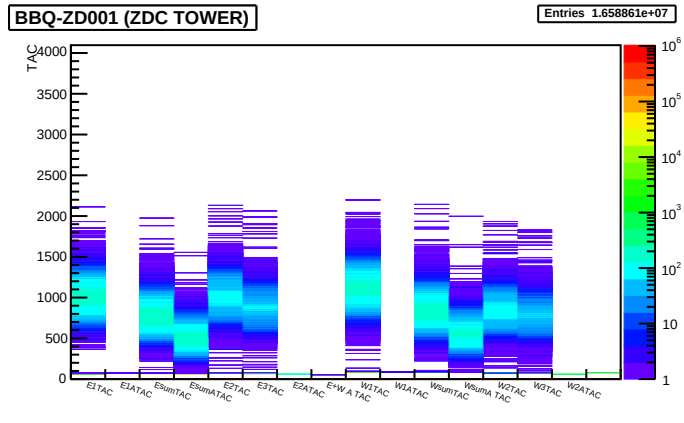

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.658861e+07
ADC
QT Input Channel

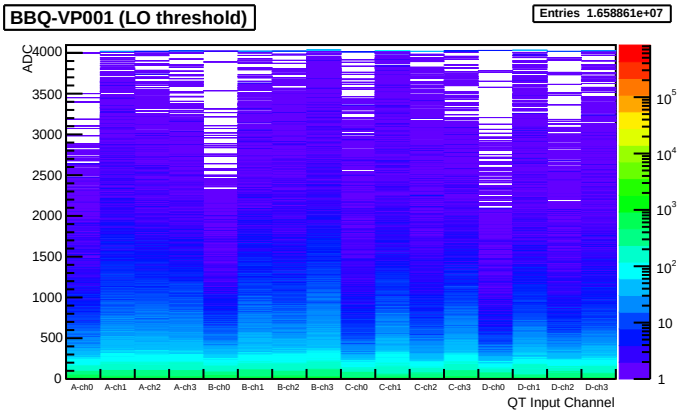

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.658861e+07
TAC
QT Input Channel

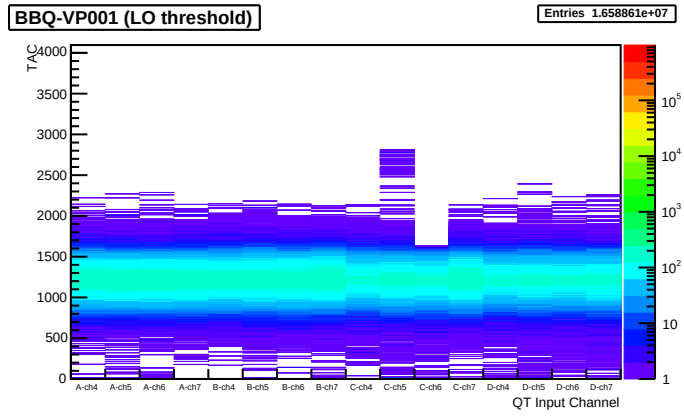

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.658861e+07
ADC
QT Input Channel

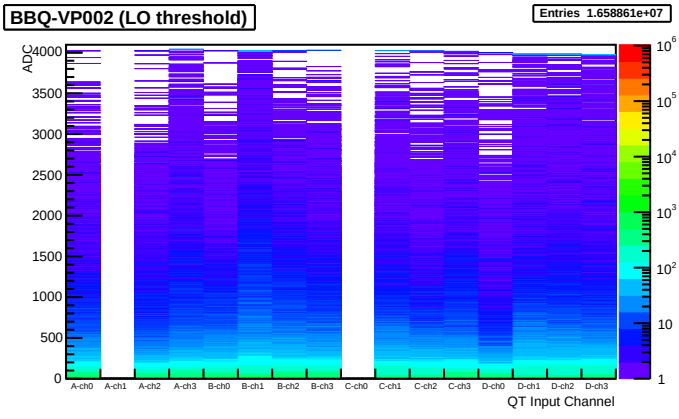

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.658861e+07
TAC
QT Input Channel

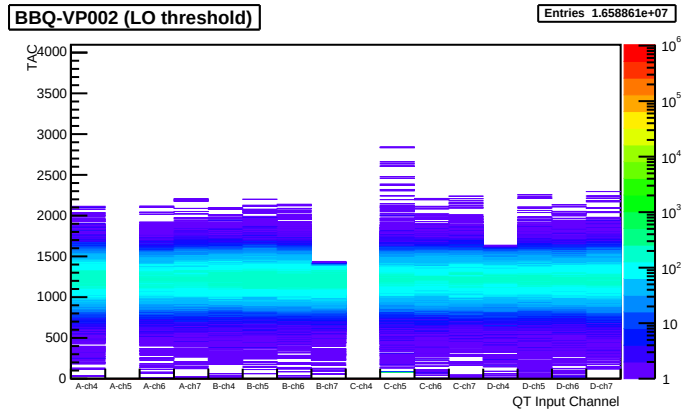

BBQ-ZD001 (ZDC TOWER)
Entries 1.658861e+07
ADC

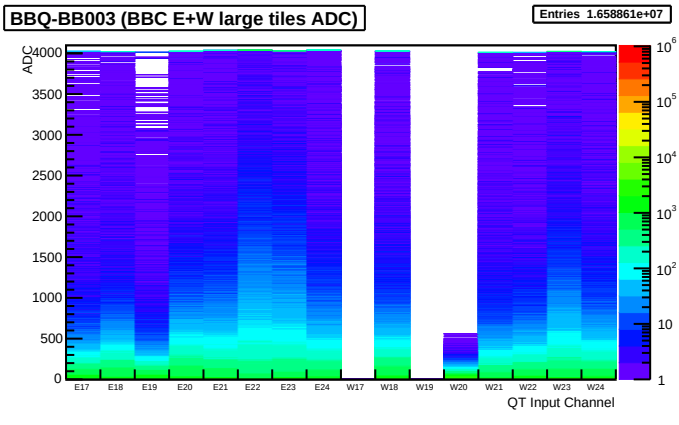

BBQ-ZD001 (ZDC TOWER)
Entries 1.658861e+07
TAC

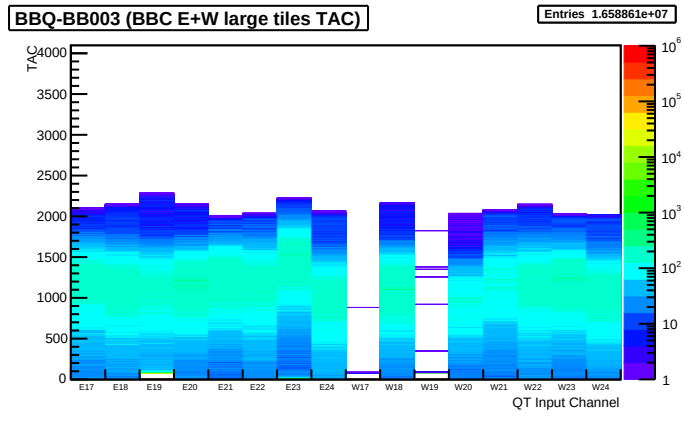

BBQ-VP001 (LO threshold)
Entries 1.658861e+07
ADC
QT Input Channel

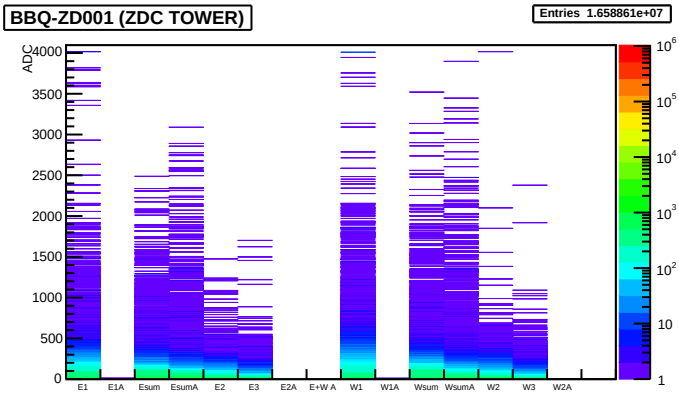

BBQ-VP001 (LO threshold)
Entries 1.658861e+07
TAC
QT Input Channel

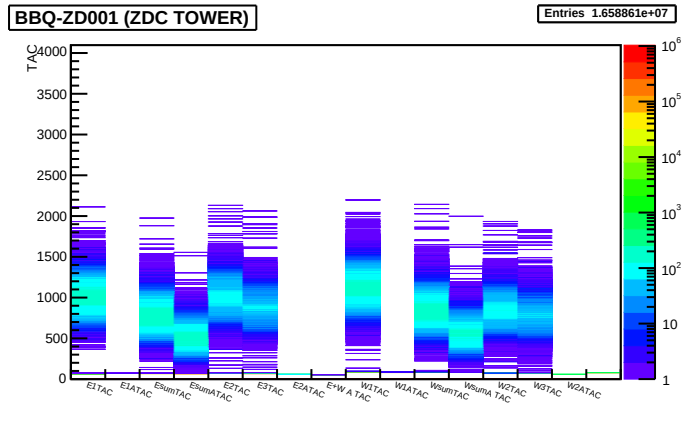

BBQ-VP002 (LO threshold)
Entries 1.658861e+07
ADC
QT Input Channel

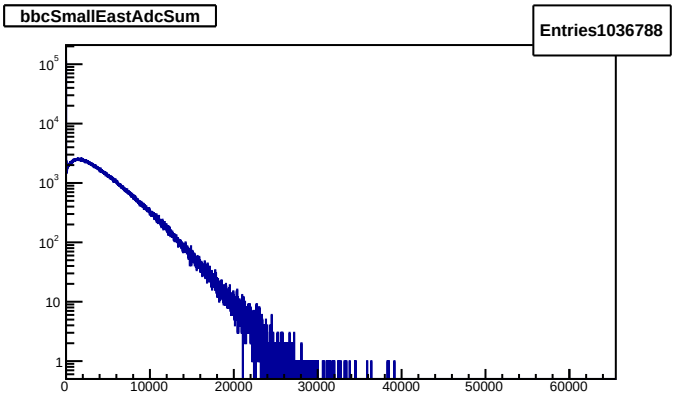

BBQ-VP002 (LO threshold)
Entries 1.658861e+07
TAC
QT Input Channel

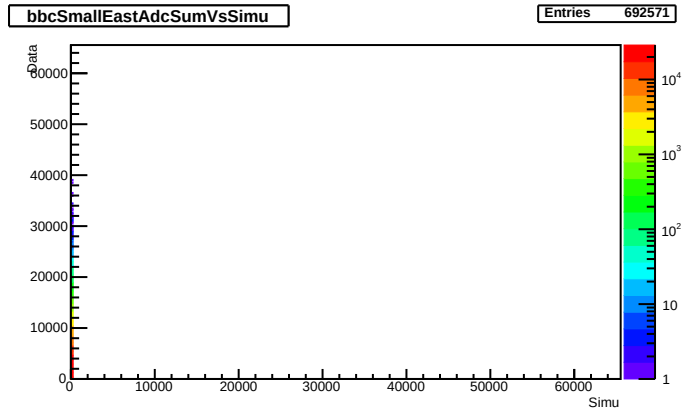

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.658861e+07
ADC
QT Input Channel

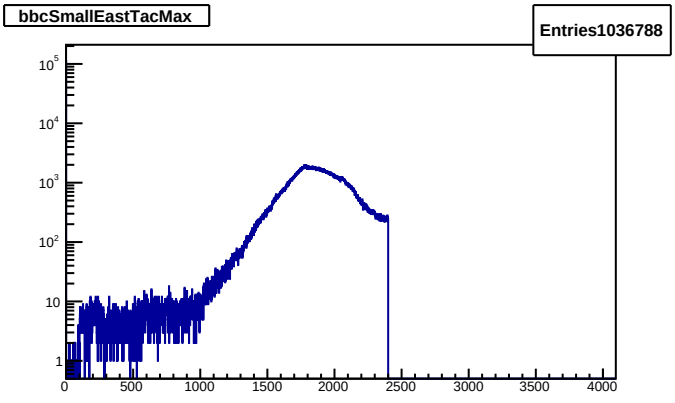

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.658861e+07
TAC
QT Input Channel

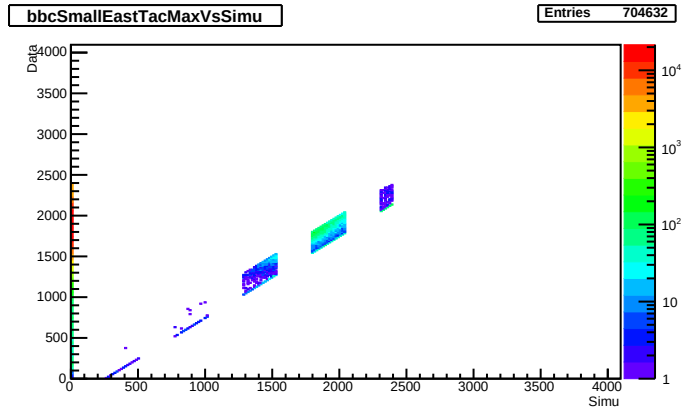

BBQ-ZD001 (ZDC TOWER)
Entries 1.658861e+07
ADC

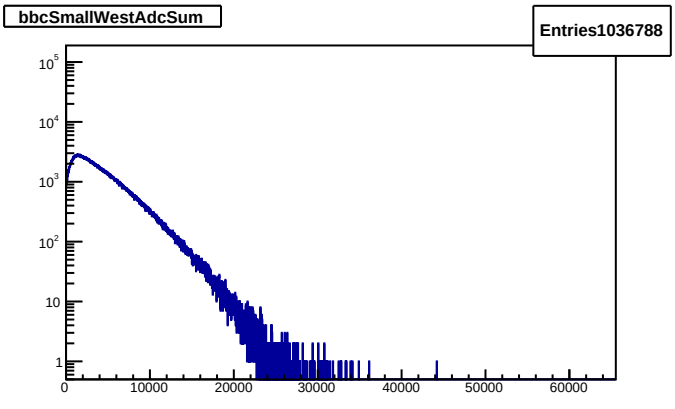

BBQ-ZD001 (ZDC TOWER)
Entries 1.658861e+07
TAC

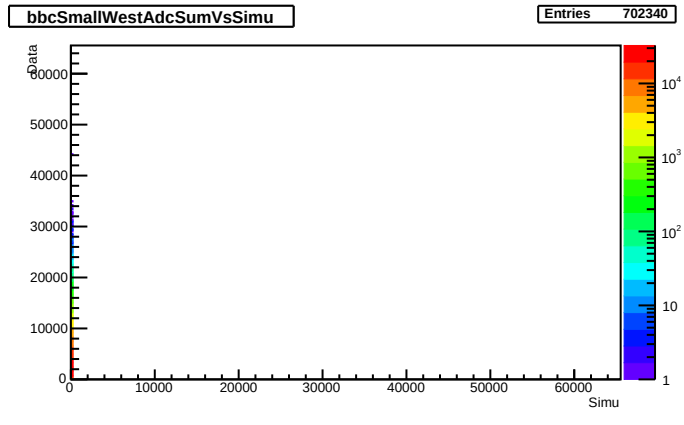

bbcSmallEastAdcSum
Entries1036788

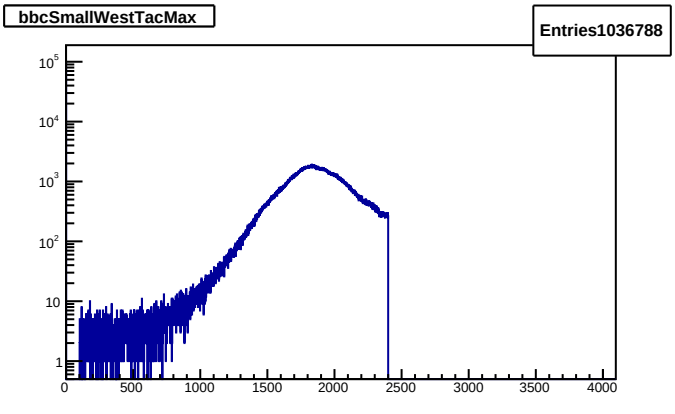

bbcSmallEastAdcSumVsSimu
Entries 692571
Data
Simu

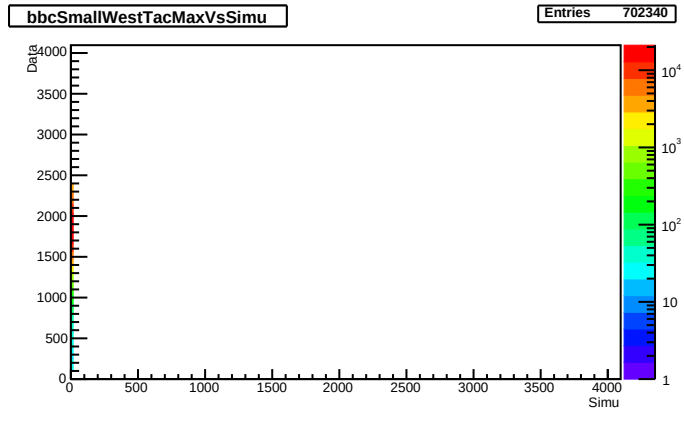

bbcSmallEastTacMax
Entries1036788

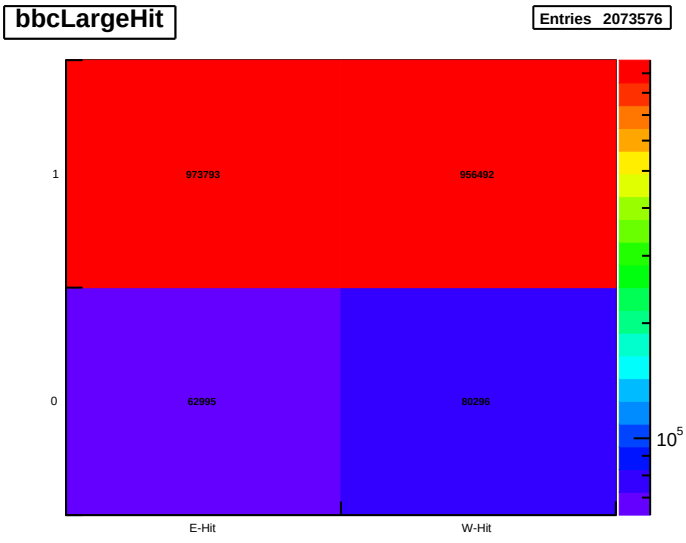

bbcSmallEastTacMaxVsSimu
Entries 704632
Data
Simu

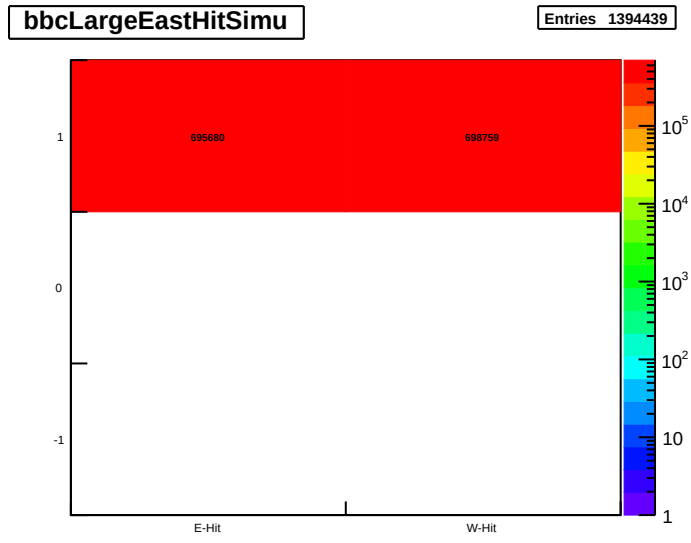

bbcSmallWestAdcSum
Entries1036788

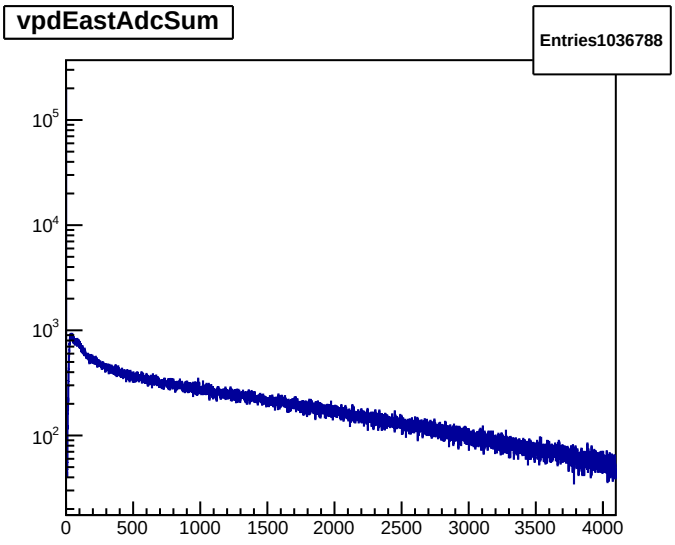

bbcSmallWestAdcSumVsSimu
Entries 702340
Data
Simu

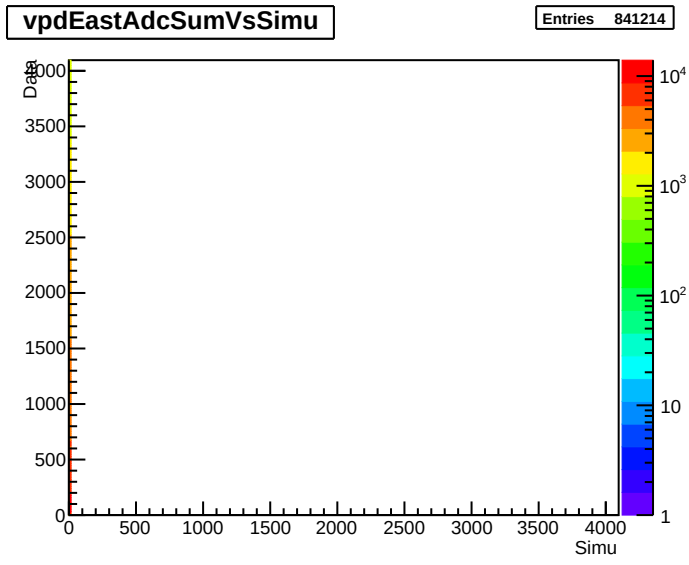

bbcSmallWestTacMax
Entries1036788

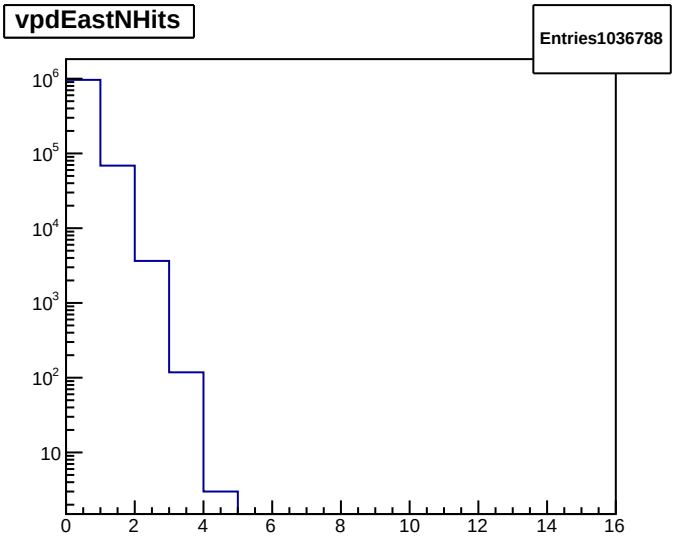

bbcSmallWestTacMaxVsSimu
Entries 702340
Data
Simu

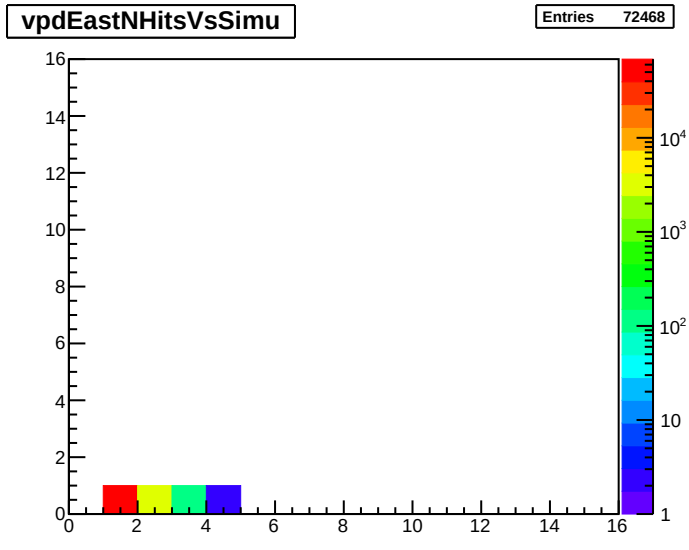

bbcLargeHit
Entries 2073576
1
0
973793
956492
62995
80296
E-Hit
W-Hit
10^5

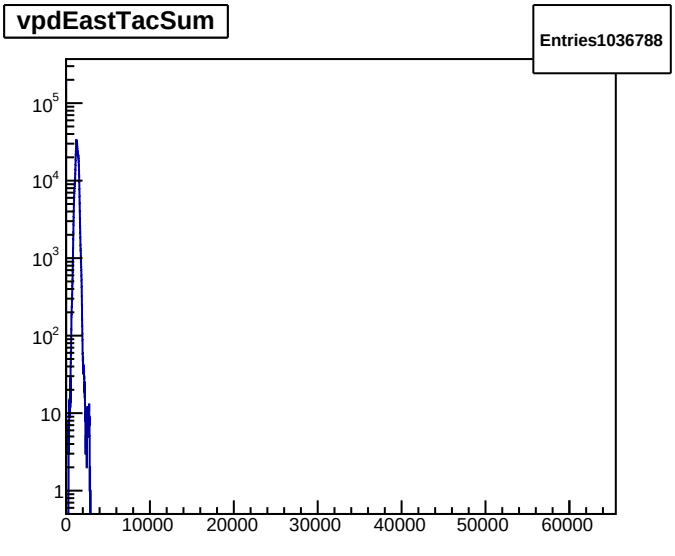

bbcLargeEastHitSimu
Entries 1394439
1
0
-1
695680
698759
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

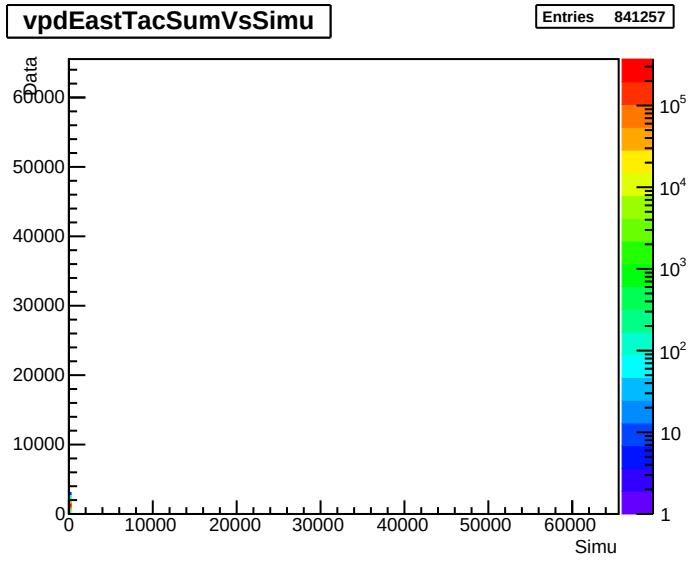

vpdEastAdcSum
Entries1036788

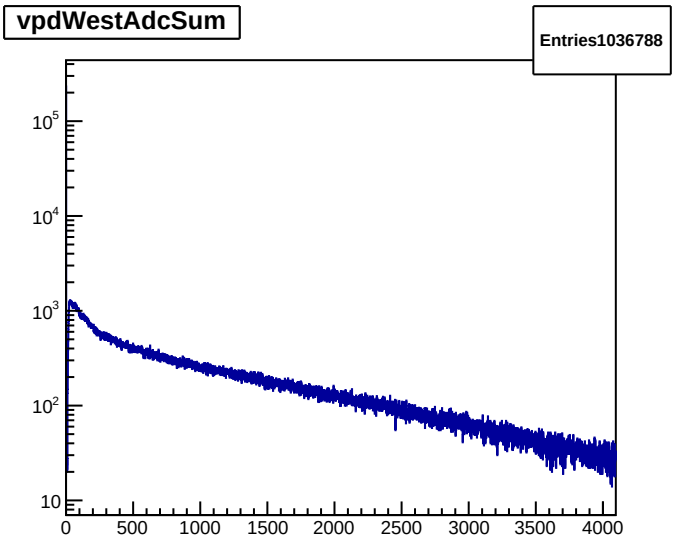

vpdEastAdcSumVsSimu
Entries 841214
Data
Simu

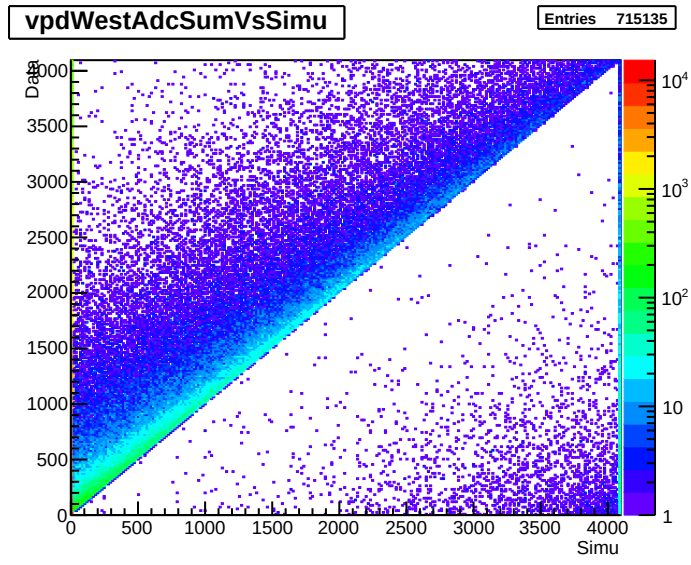

vpdEastNHits
Entries1036788

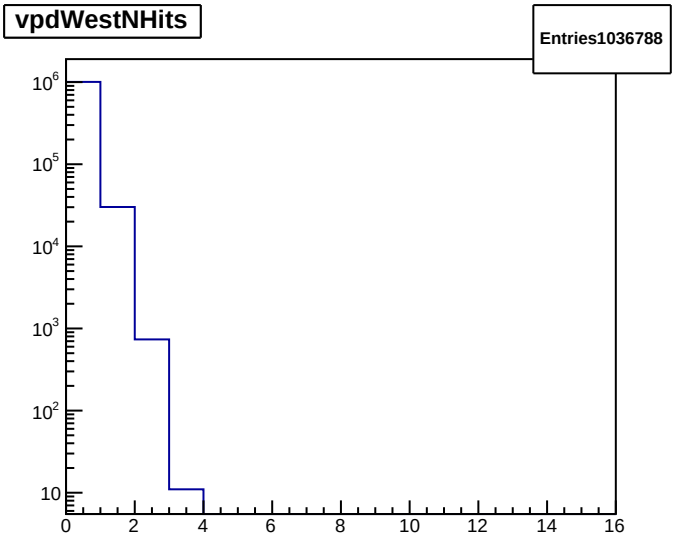

vpdEastNHitsVsSimu
Entries 72468

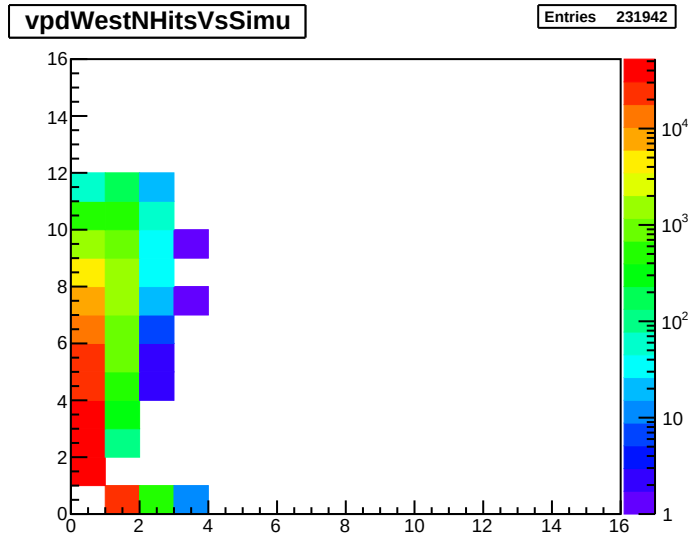

vpdEastTacSum
Entries1036788

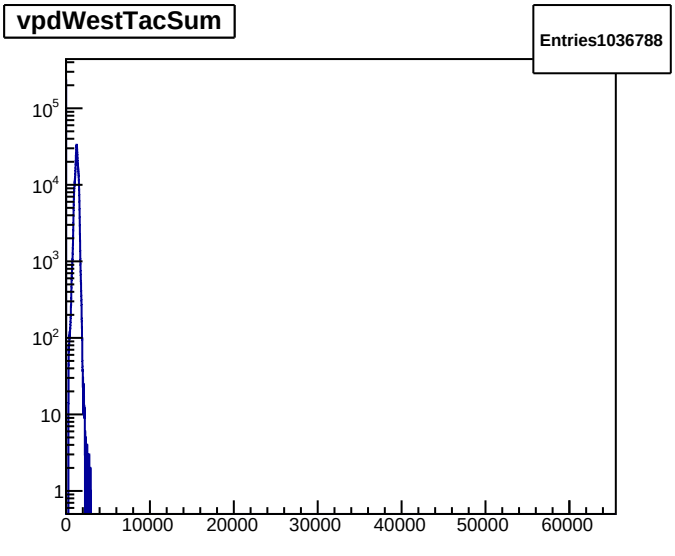

vpdEastTacSumVsSimu
Entries 841257
Data
Simu

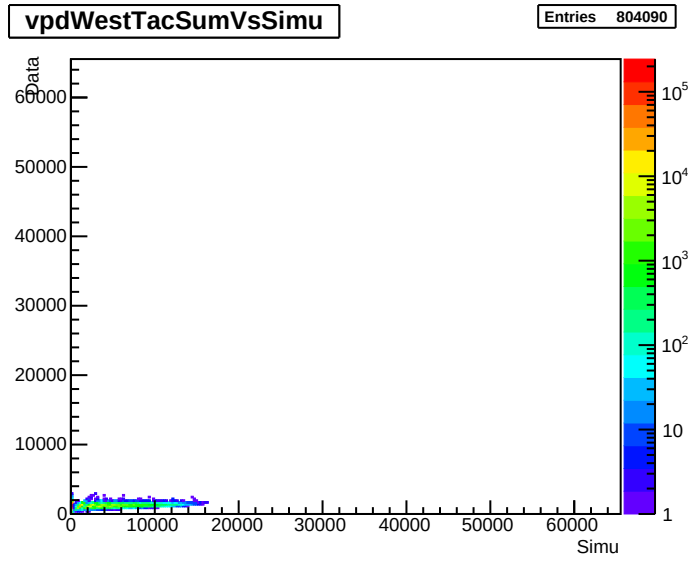

vpdWestAdcSum
Entries1036788

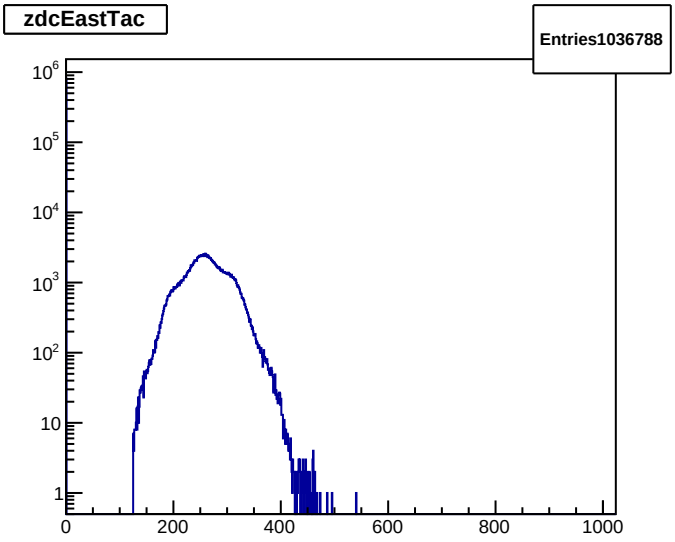

vpdWestAdcSumVsSimu
Entries 715135
Data
Simu

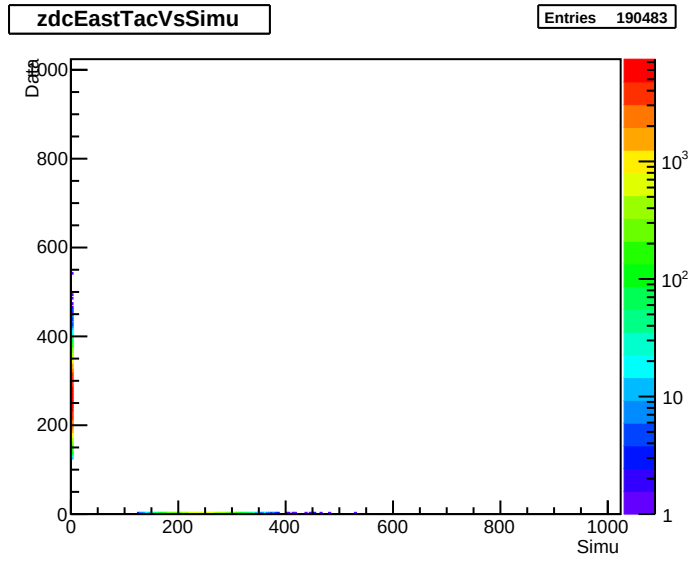

vpdWestNHits
Entries1036788

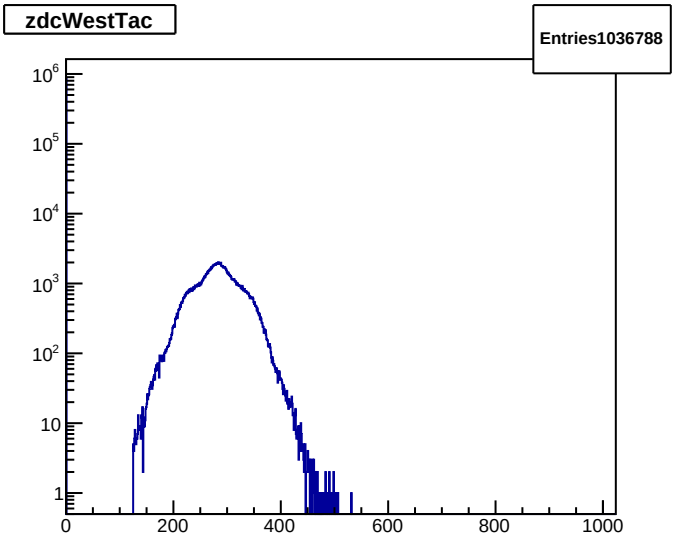

vpdWestNHitsVsSimu
Entries 231942

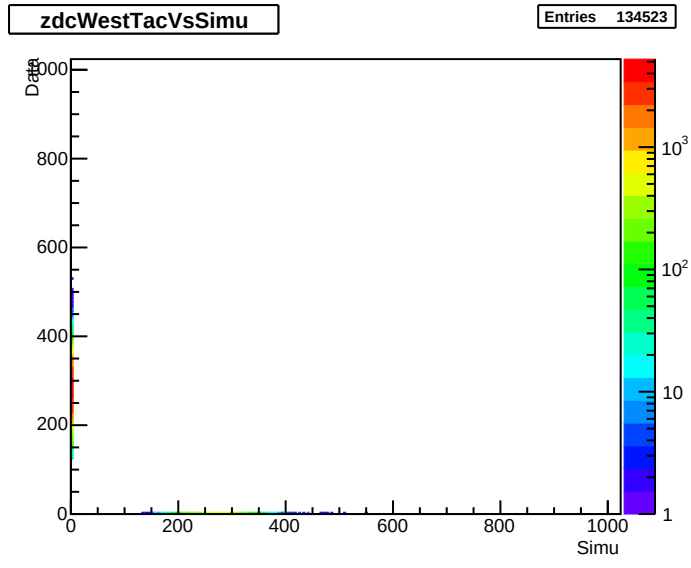

vpdWestTacSum
Entries1036788

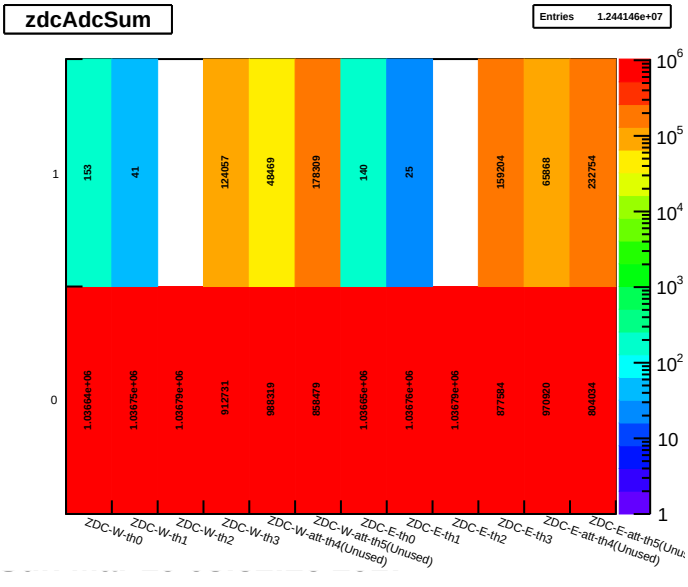

vpdWestTacSumVsSimu
Entries 804090
Data
Simu

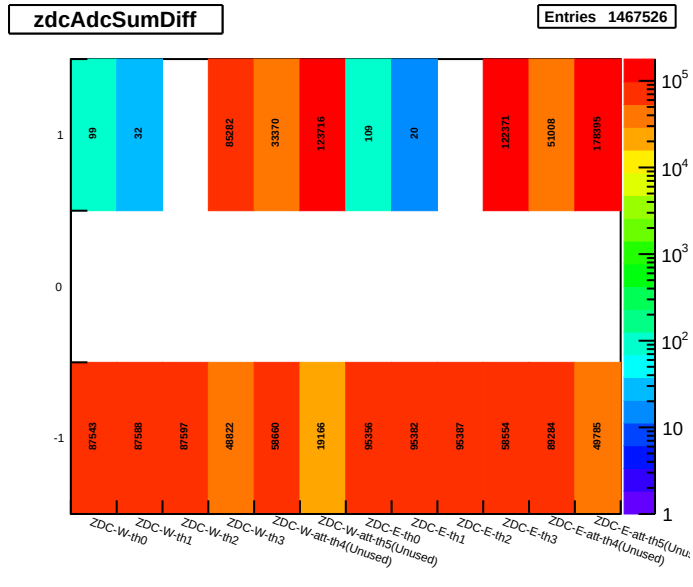

zdcEastTac
Entries1036788

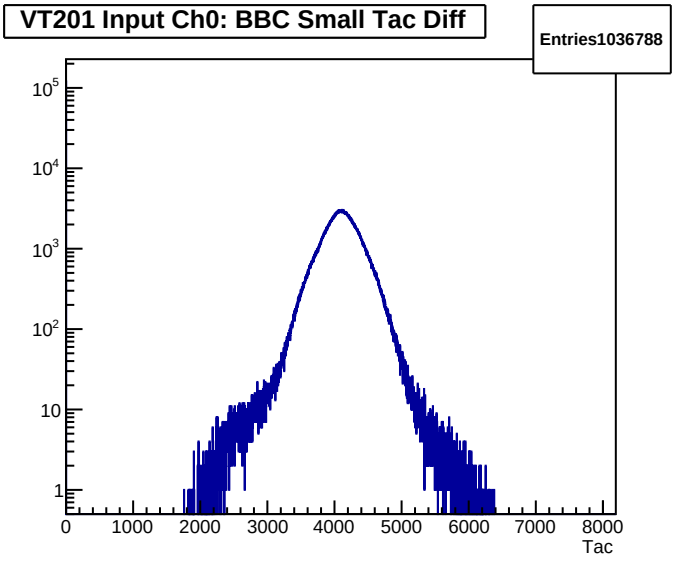

zdcEastTacVsSimu
Entries 190483
Data
Simu

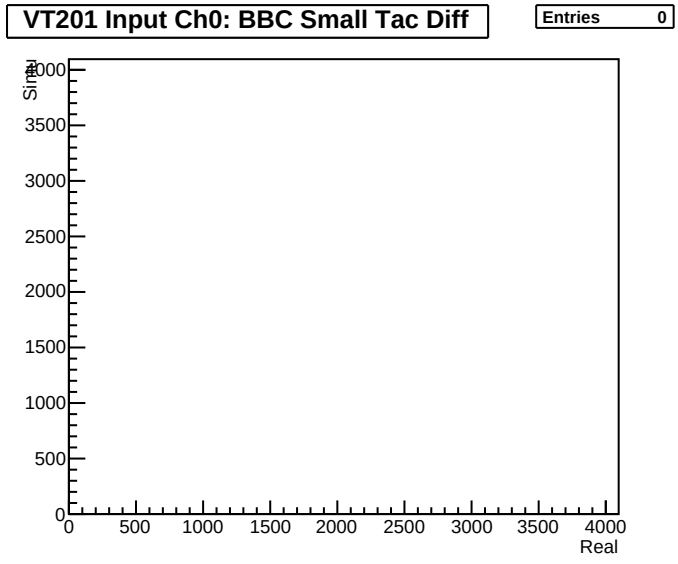

zdcWestTac
Entries1036788

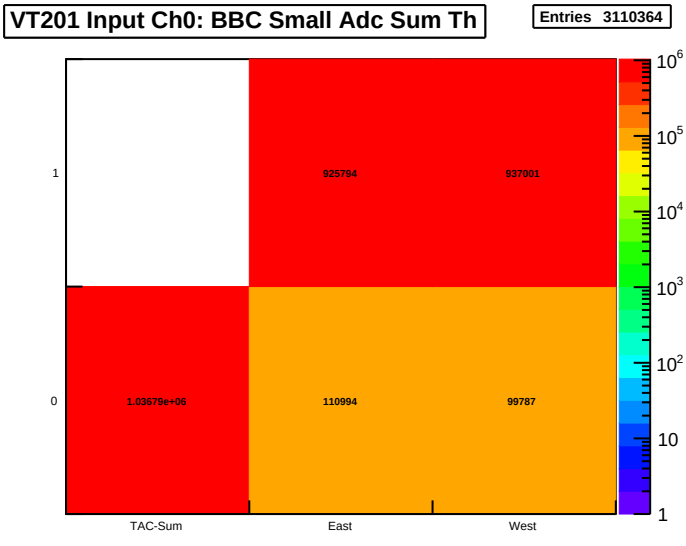

zdcWestTacVsSimu
Entries 134523
Data
Simu

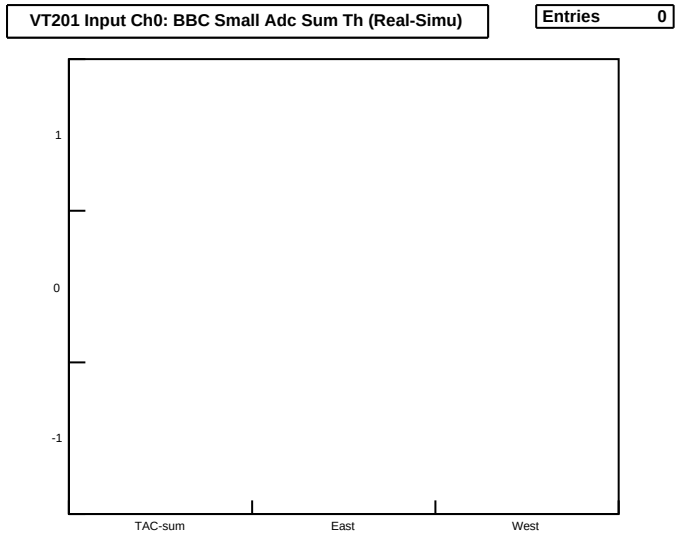

zdcAdcSum
Entries 1.244146e+07
153
41
124057
48469
178309
140
25
159204
65868
232754
1.03664e+06
1.03675e+06
1.03678e+06
912731
988319
858479
1.03665e+06
1.03676e+06
1.03679e+06
877584
970920
804034
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

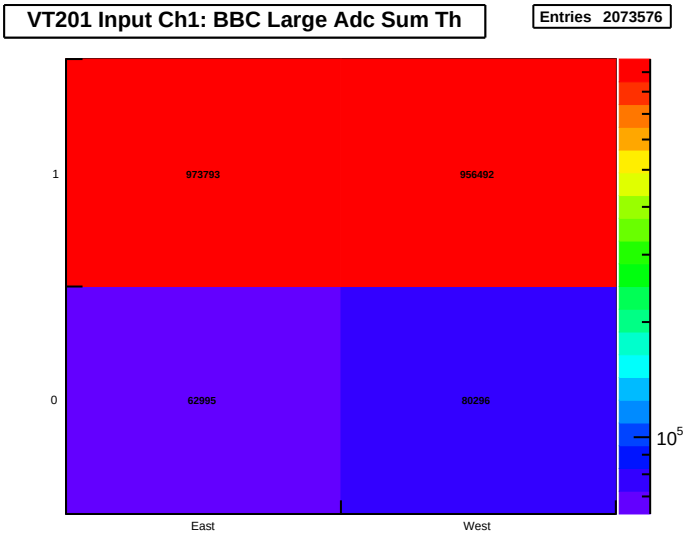

zdcAdcSumDiff
Entries 1467526
99
32
85282
33370
123716
109
20
122371
51008
178395
87543
87588
87597
48822
58660
19166
95356
95382
95387
58554
89284
49785
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

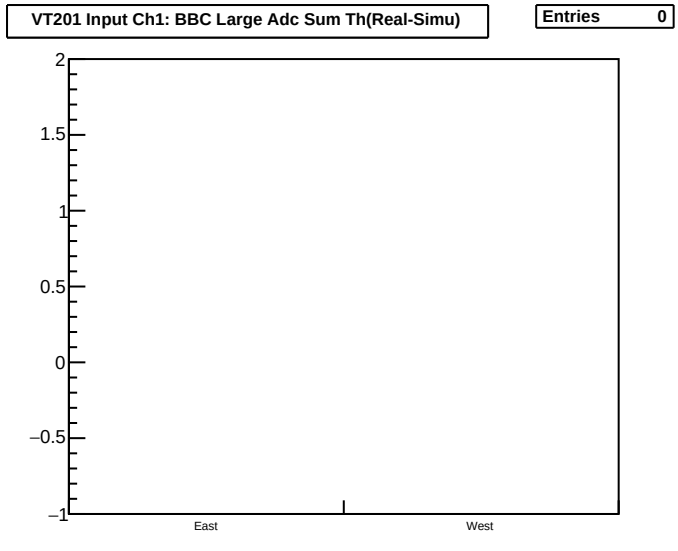

VT201 Input Ch0: BBC Small Tac Diff
Entries1036788
Tac


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

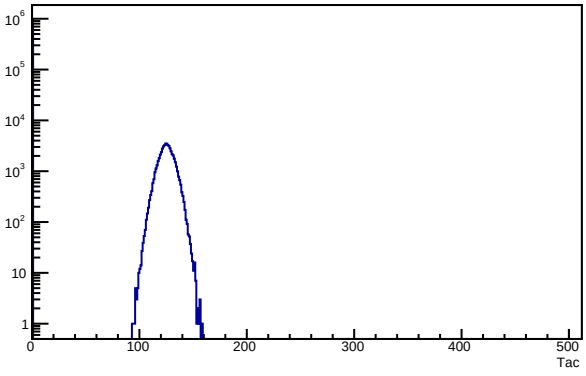

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3110364
925794
937001
1.03679e+06
110994
99787
TAC-Sum
East
West


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

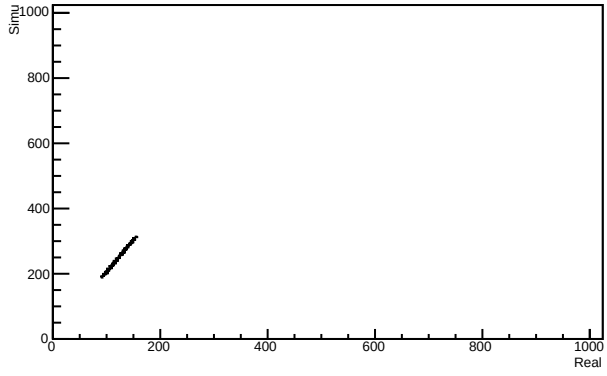

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2073576
973793
956492
62995
80296
East
West


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

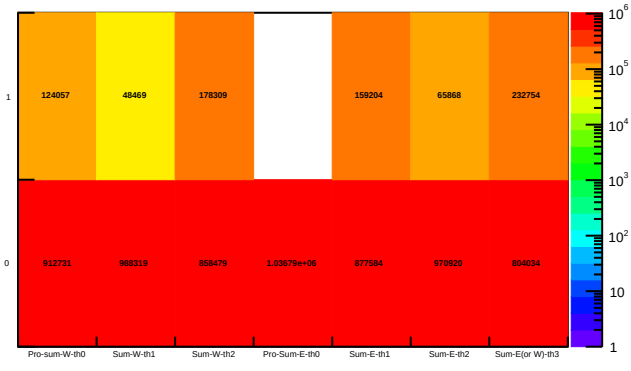
VT201 Input Ch2: ZDC Tac Diff



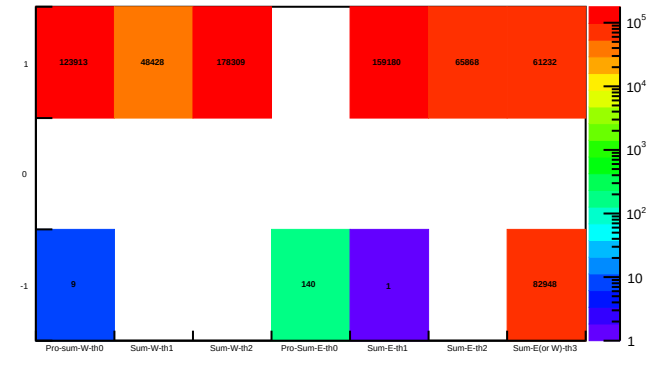
VT201 Input Ch2: ZDC Tac Diff



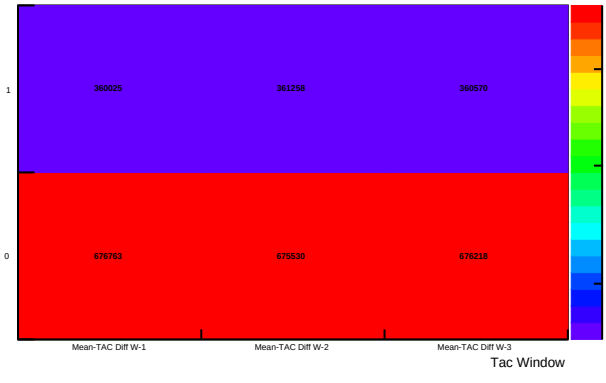
VT201 Input Ch2: ZDC Adc Sum Th



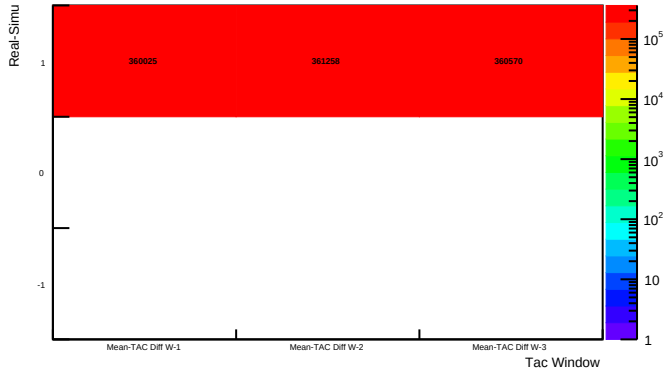
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



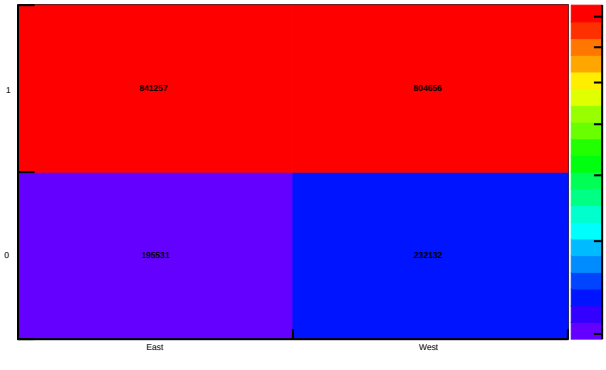
VT201 Input Ch4: VPD Tac Diff



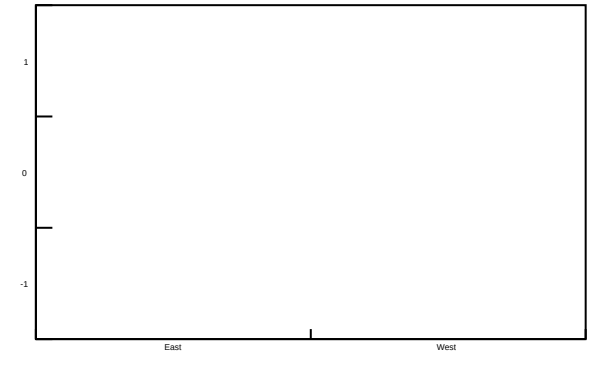
VT201 Input Ch4: VPD Tac Diff

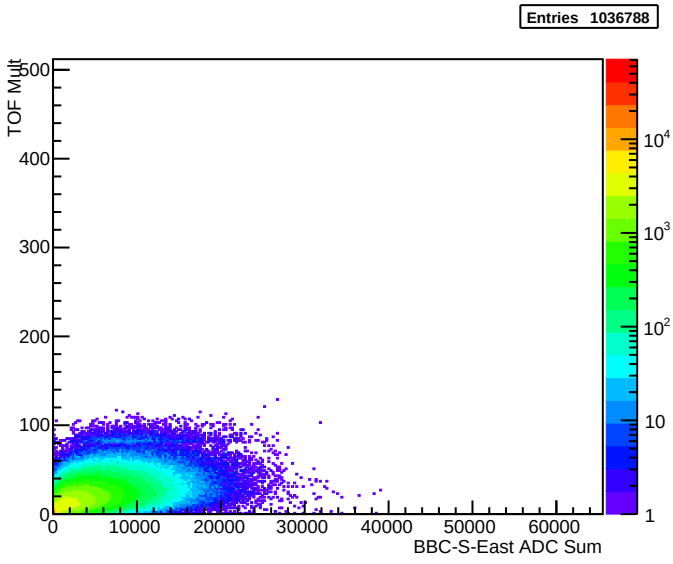


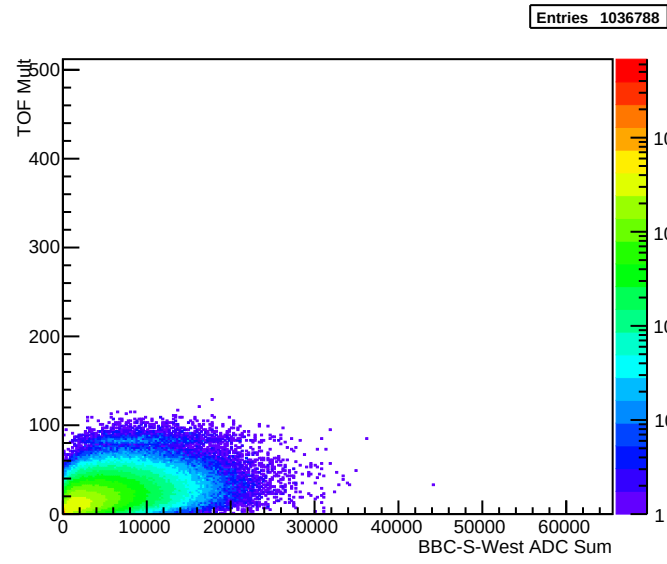
VT201 Input Ch4: VPD Adc Sum Th

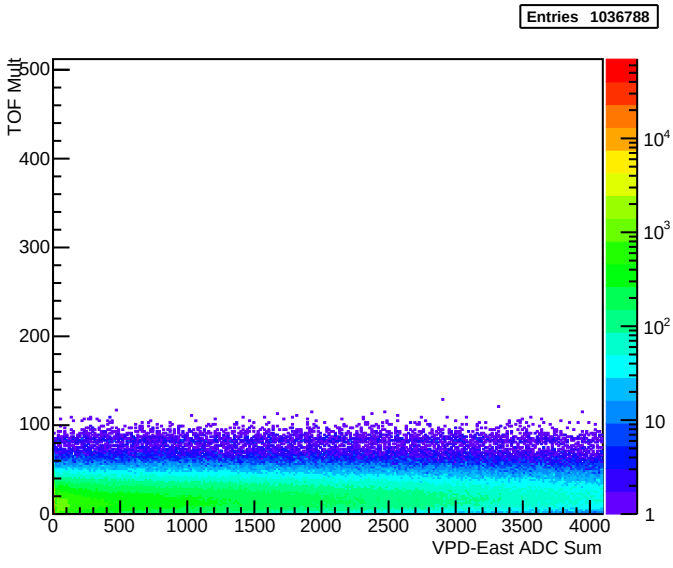


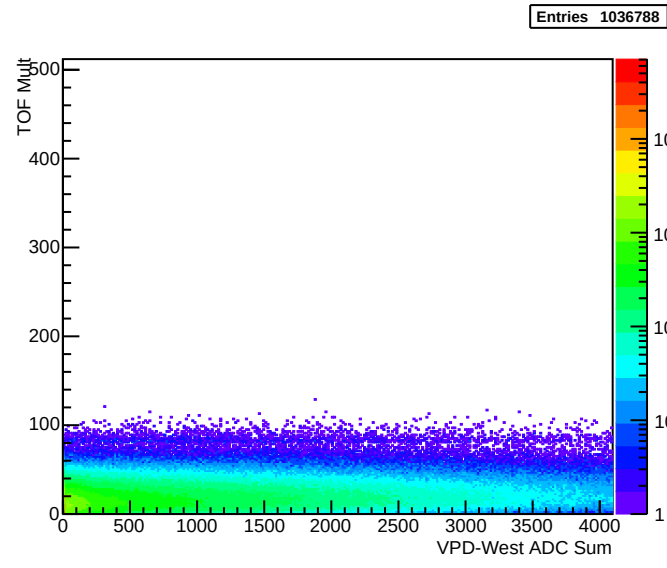
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

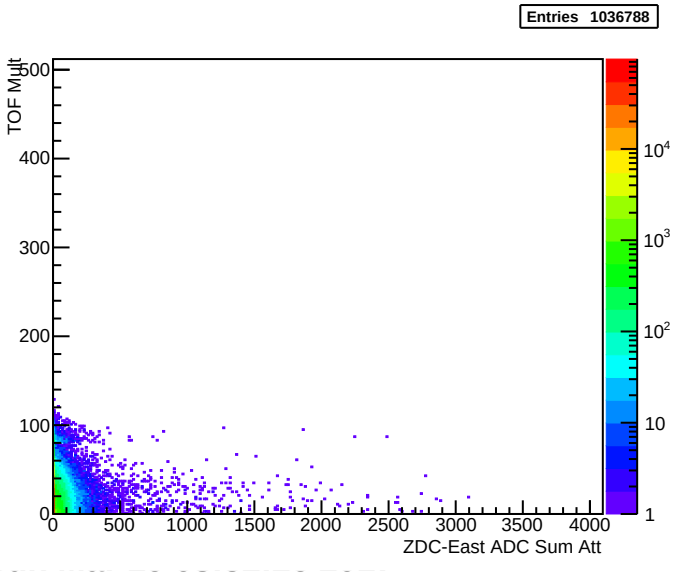


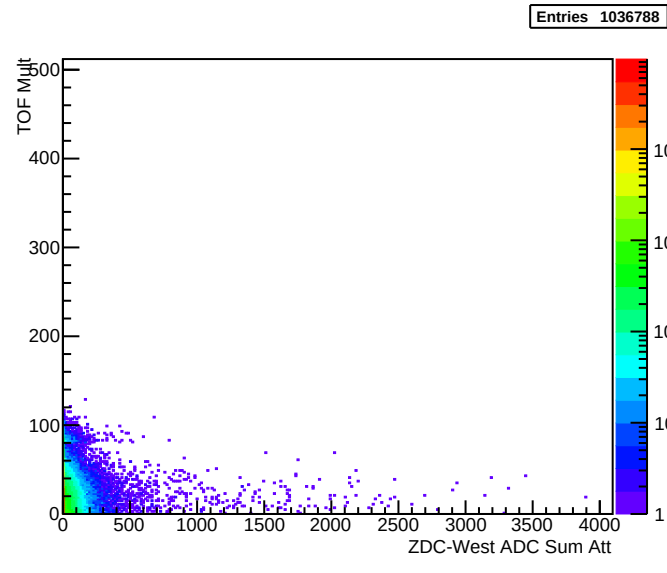

Entries 1036788
TOF Mult
BBC-S-East ADC Sum

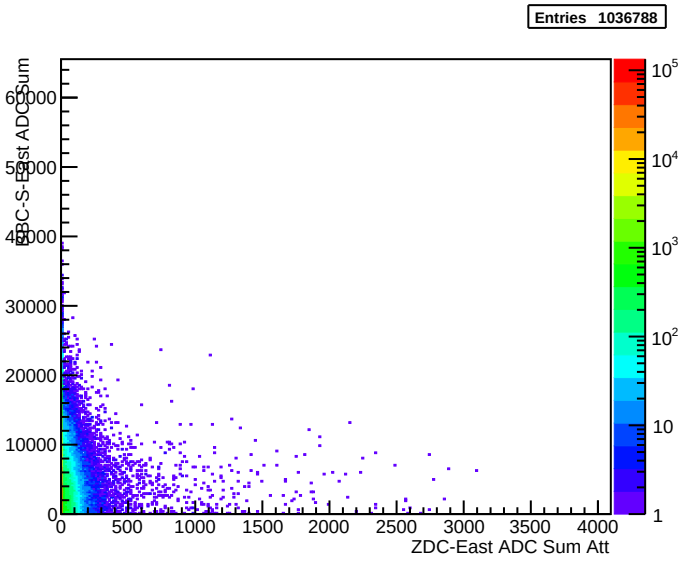

Entries 1036788
TOF Mult
BBC-S-West ADC Sum

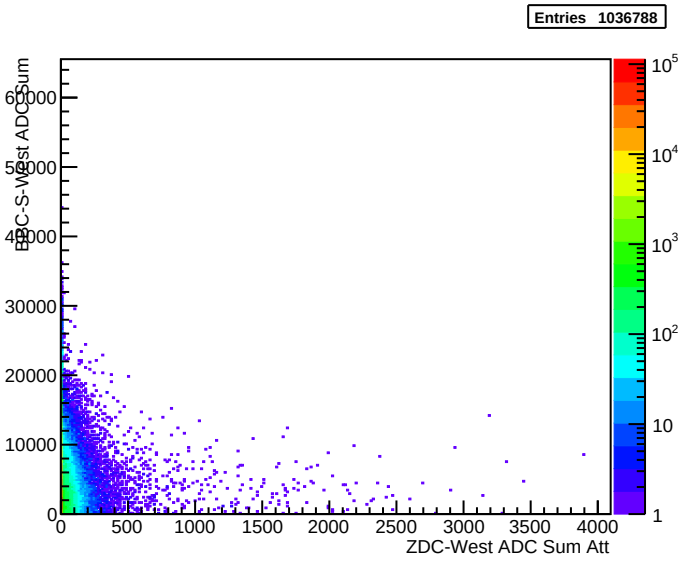

Entries 1036788
TOF Mult
VPD-East ADC Sum

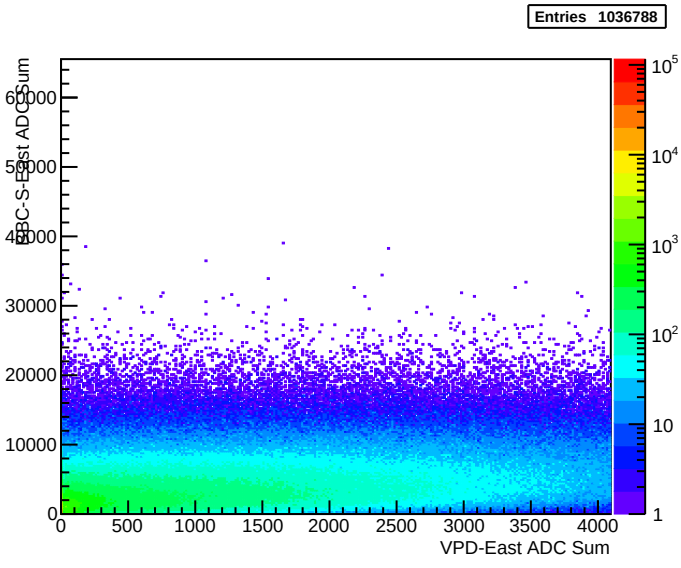

Entries 1036788
TOF Mult
VPD-West ADC Sum

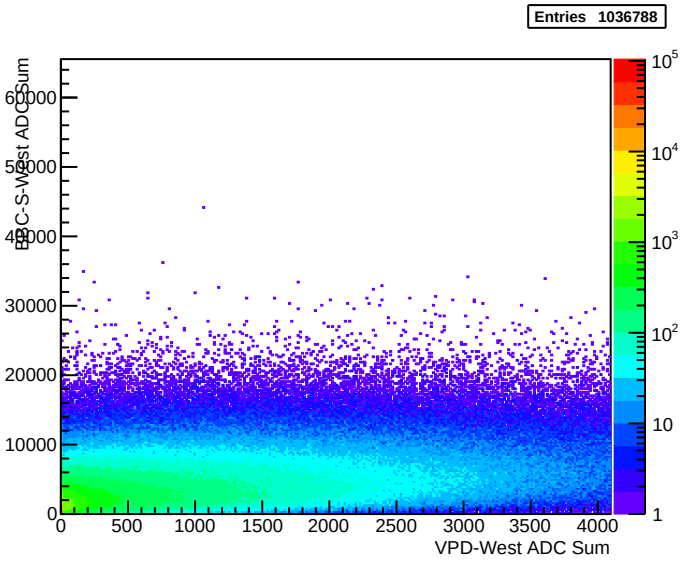

Entries 1036788
TOF Mult
ZDC-East ADC Sum Att

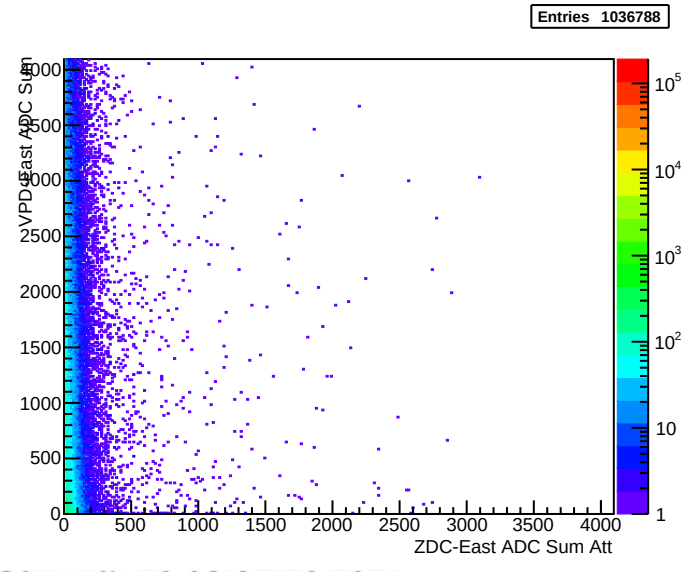

Entries 1036788
TOF Mult
ZDC-West ADC Sum Att

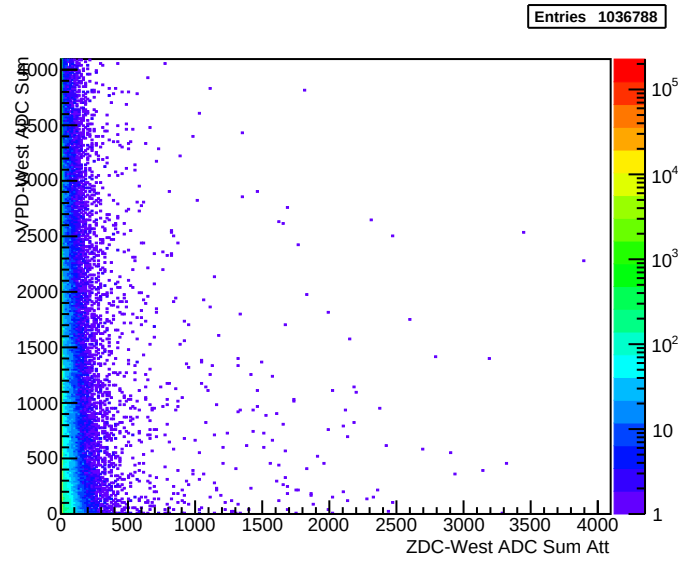

Entries 1036788
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

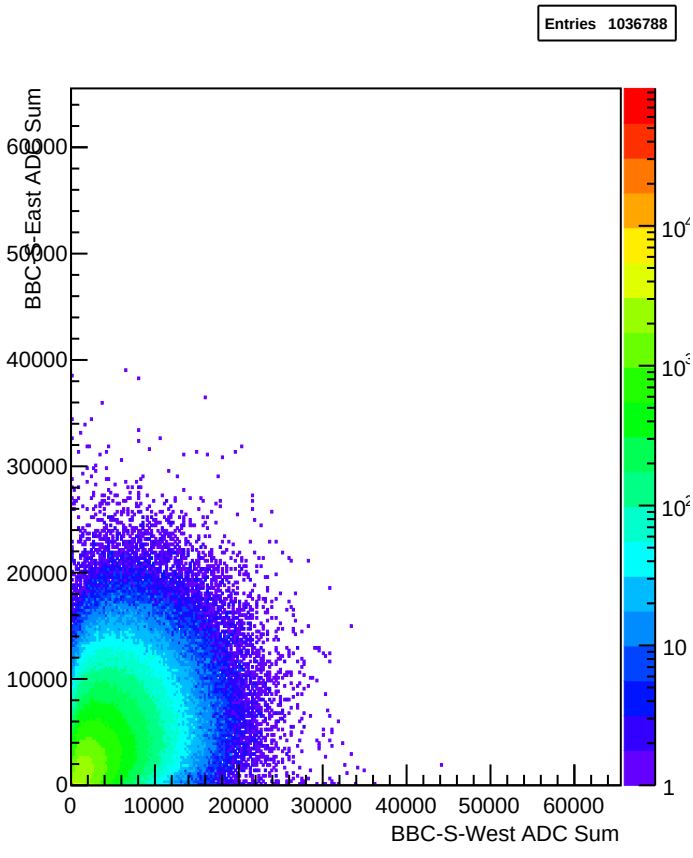

Entries 1036788
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

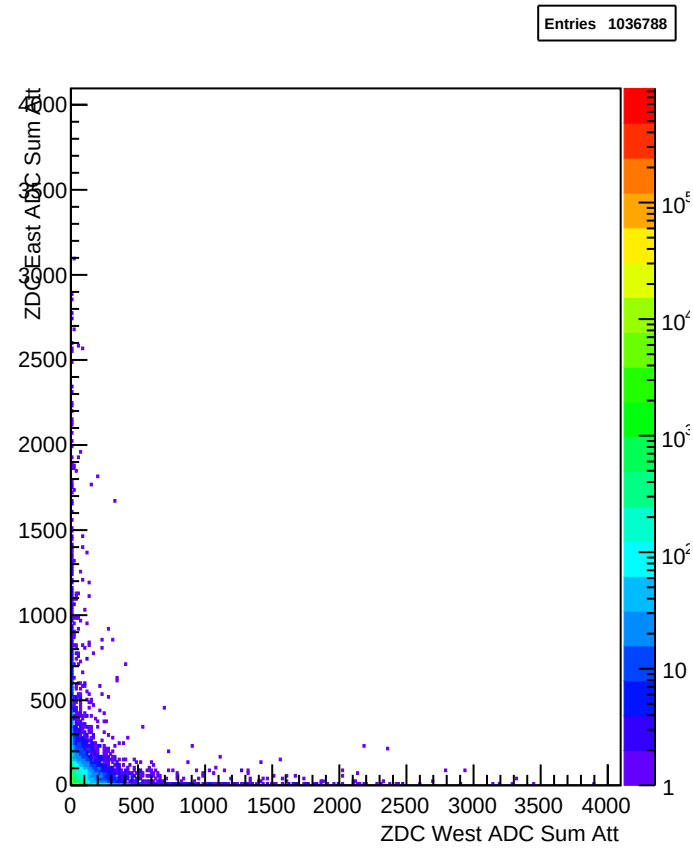

Entries 1036788
BBC-S-East ADC Sum
VPD-East ADC Sum

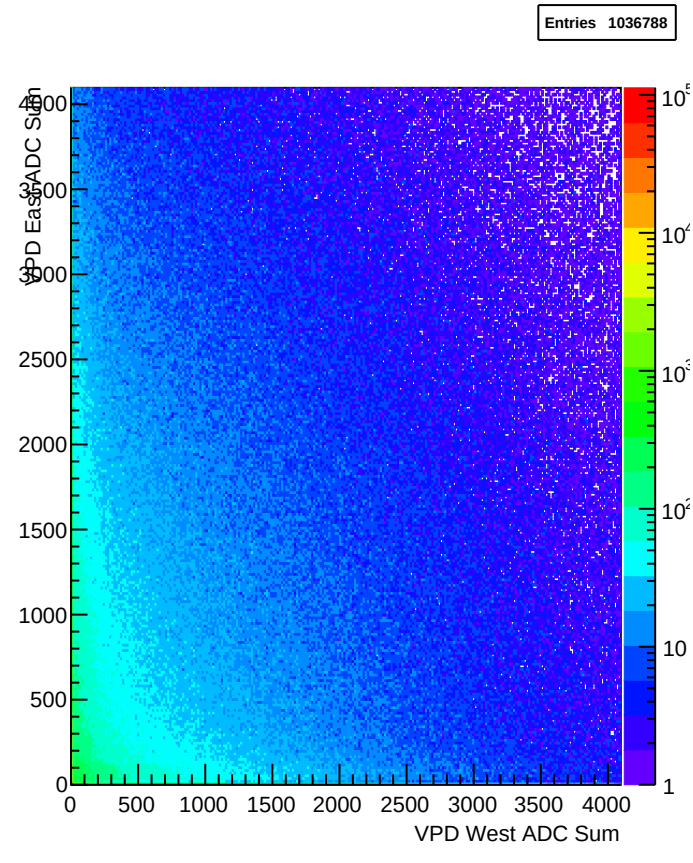

Entries 1036788
BBC-S-West ADC Sum
VPD-West ADC Sum

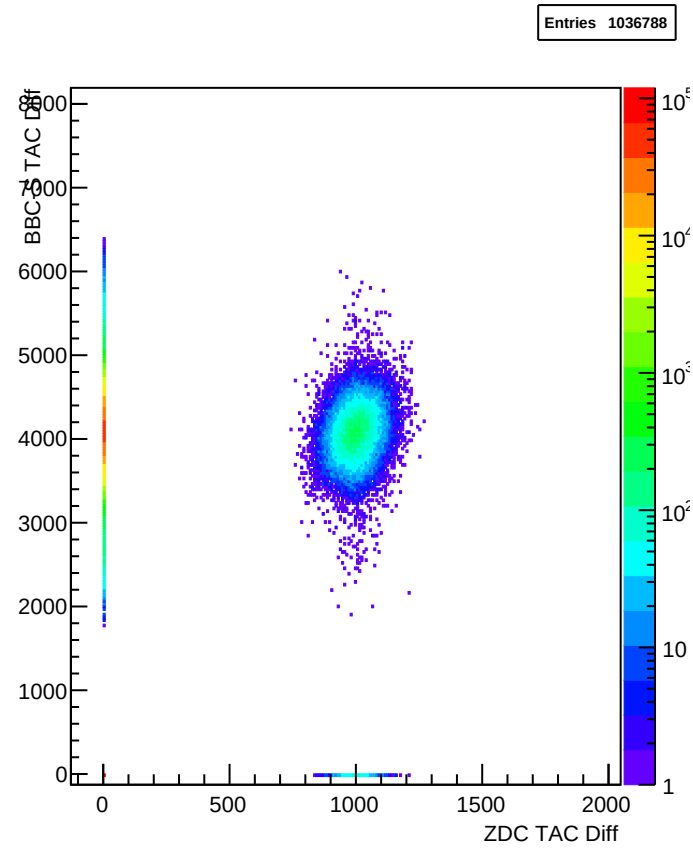

Entries 1036788
VPD-East ADC Sum
ZDC-East ADC Sum Att

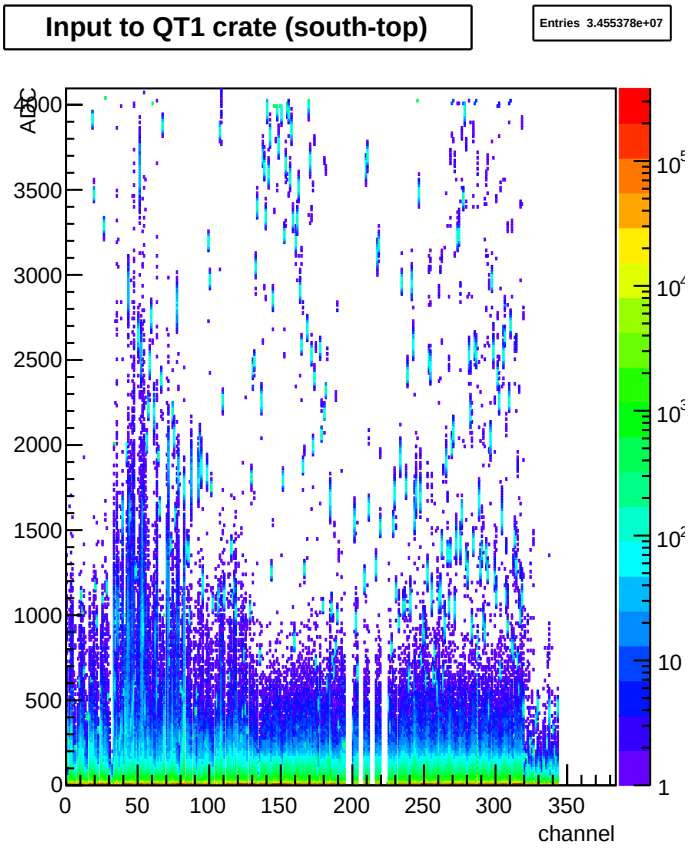

Entries 1036788
VPD-West ADC Sum
ZDC-West ADC Sum Att

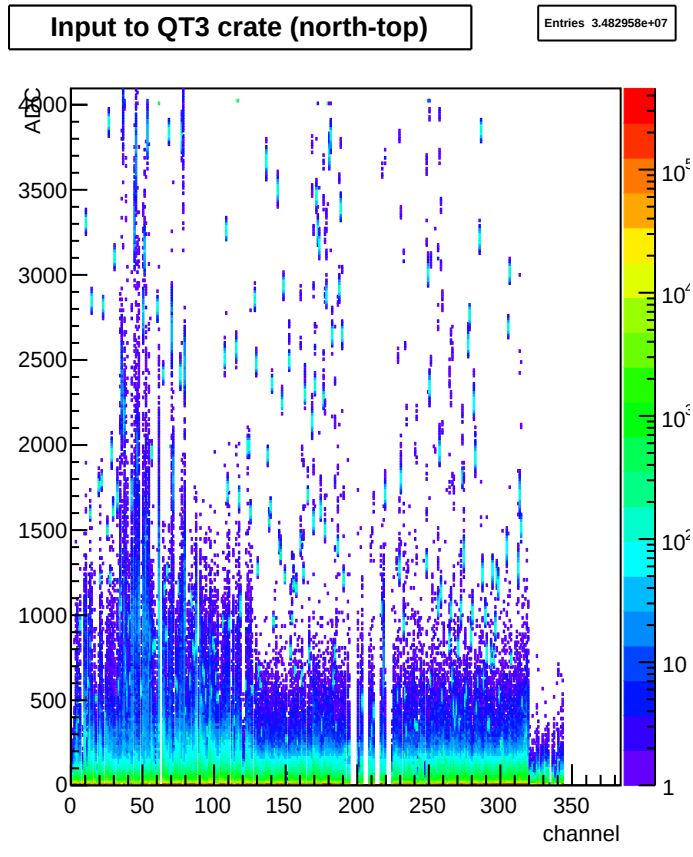

Entries 1036788
BBC-S-East ADC Sum
BBC-S-West ADC Sum

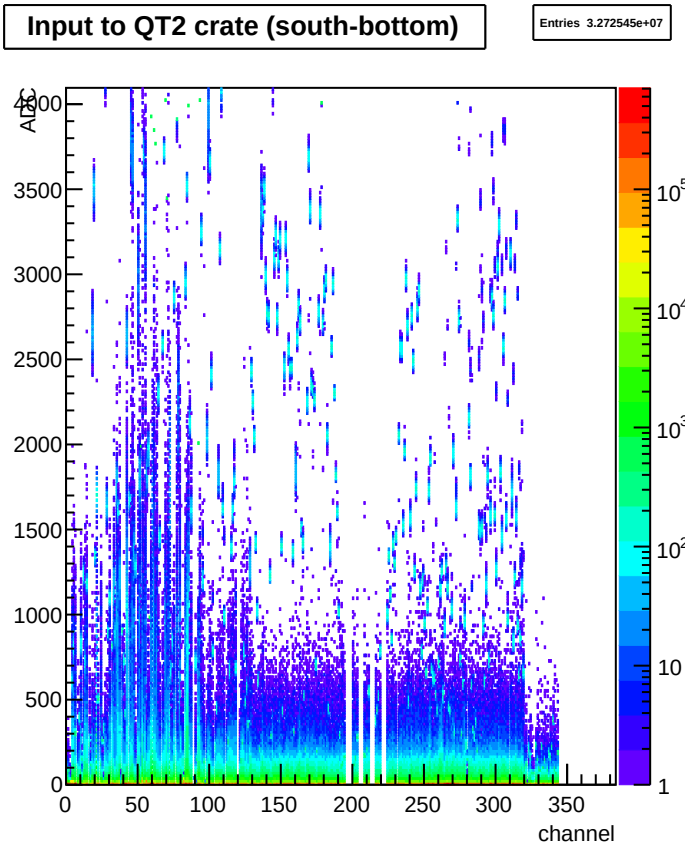

Entries 1036788
ZDC East ADC Sum Att
ZDC West ADC Sum Att

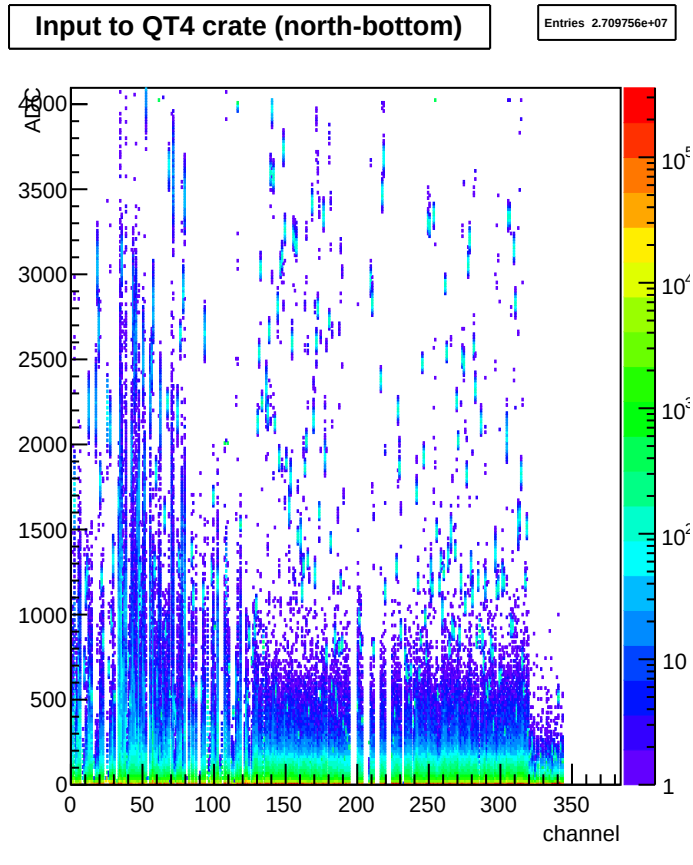

Entries 1036788
VPD East ADC Sum
VPD West ADC Sum

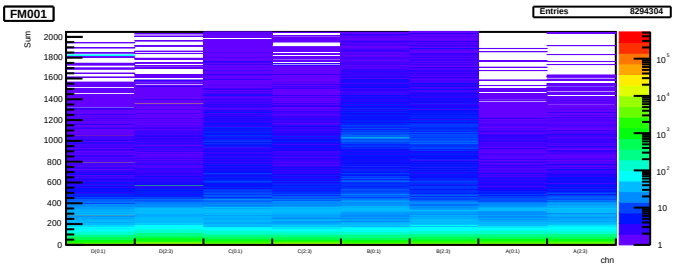

Entries 1036788
BBC-S TAC Diff
ZDC TAC Diff

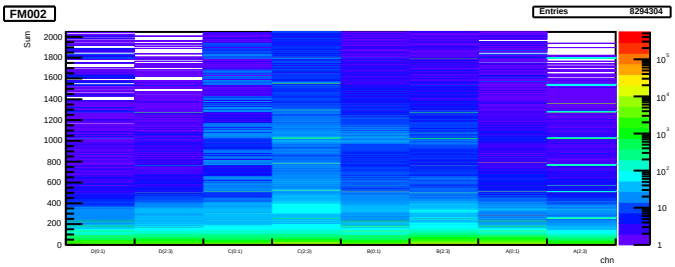

Input to QT1 crate (south-top)
Entries 3.455378e+07
ADC
channel

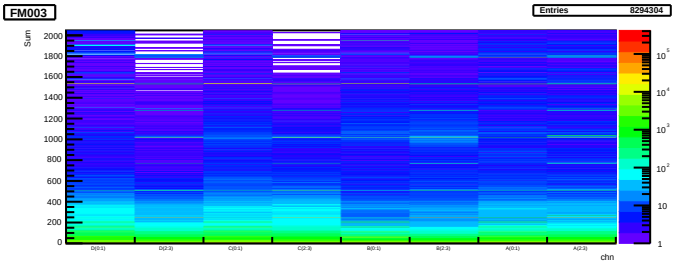

Input to QT3 crate (north-top)
Entries 3.482958e+07
ADC
channel

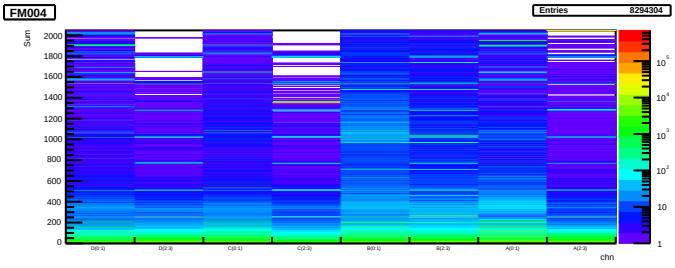

Input to QT2 crate (south-bottom)
Entries 3.272545e+07
ADC
channel

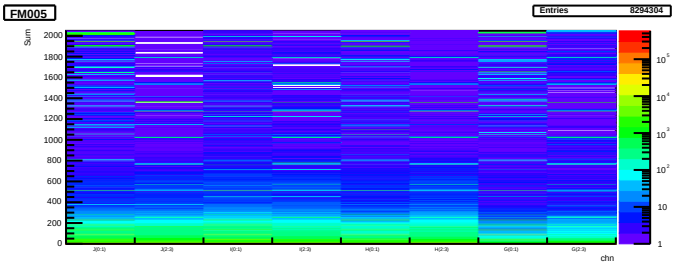

Input to QT4 crate (north-bottom)
Entries 2.709756e+07
ADC
channel

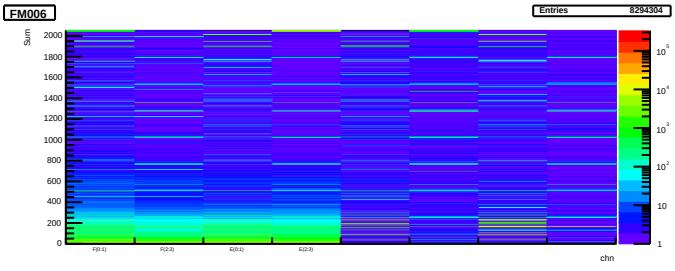

FM001
Entries 8294304
Sum
chn

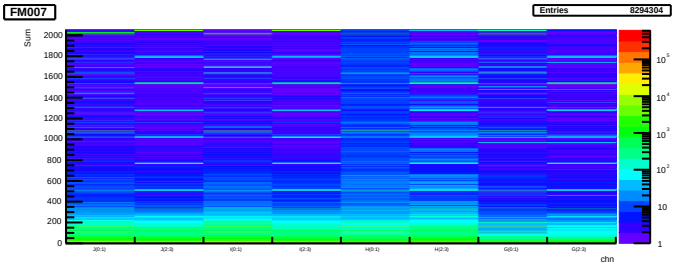

FM002
Entries 8294304
Sum
chn

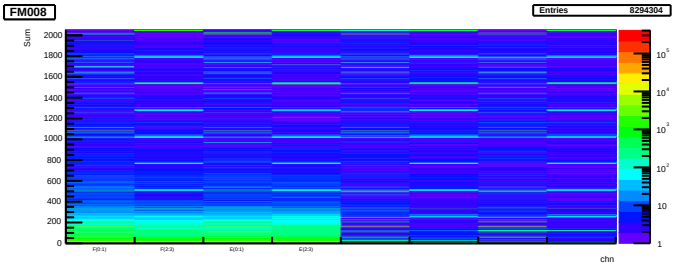

FM003
Entries 8294304
Sum
chn

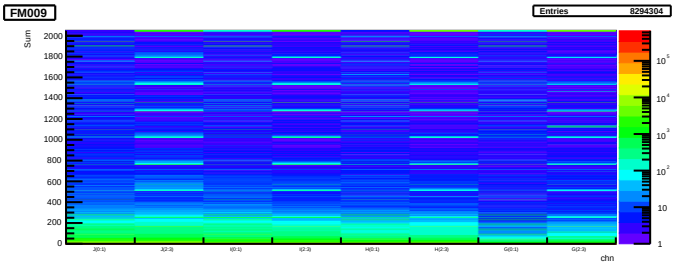

FM004
Entries 8294304
Sum
chn


FM005
Entries 8294304
Sum
chn


FM006
Entries 8294304
Sum
chn


FM007
Entries 8294304
Sum
chn


FM008
Entries 8294304
Sum
chn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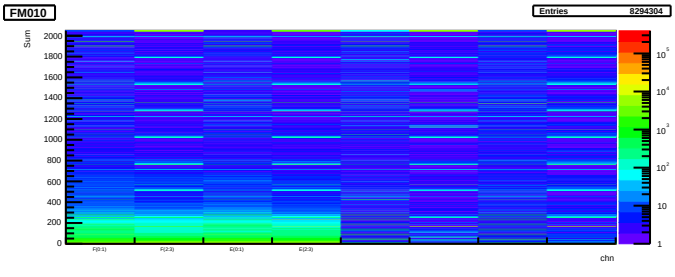
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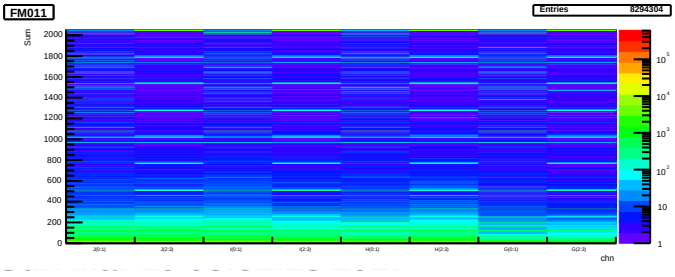
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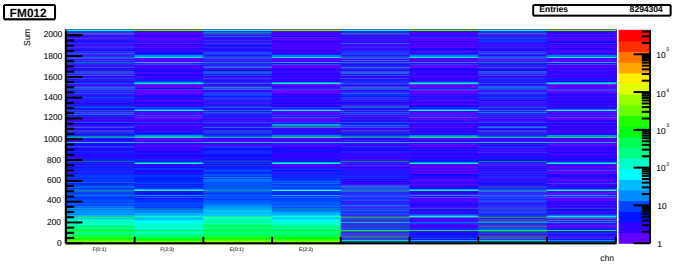
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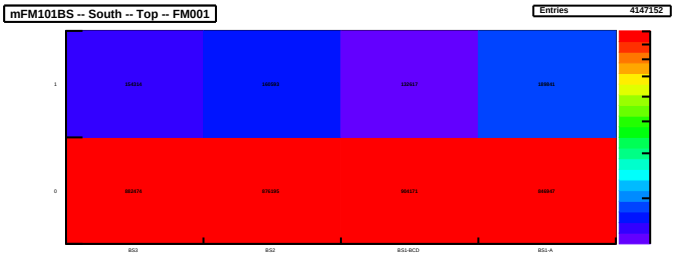
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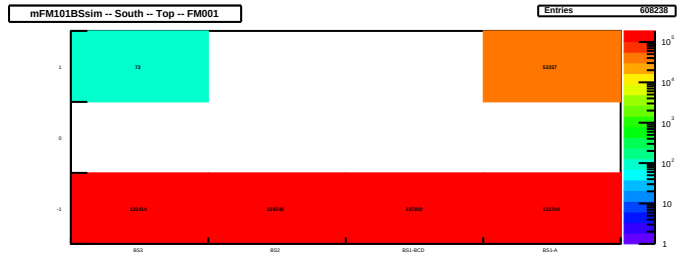
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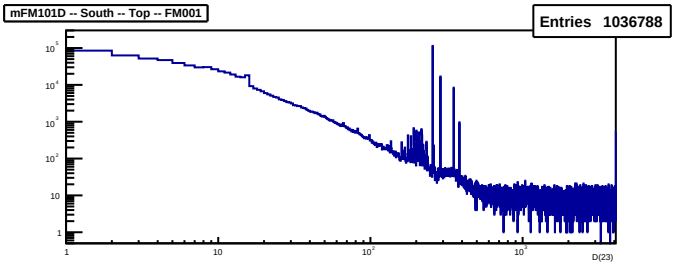
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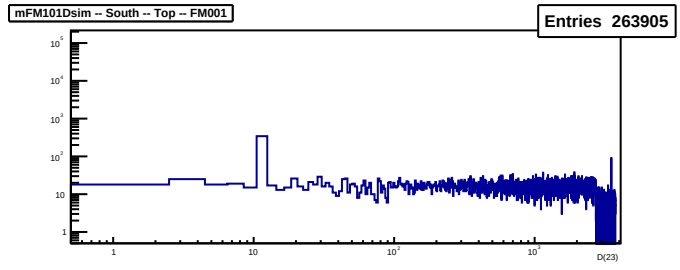
D(23)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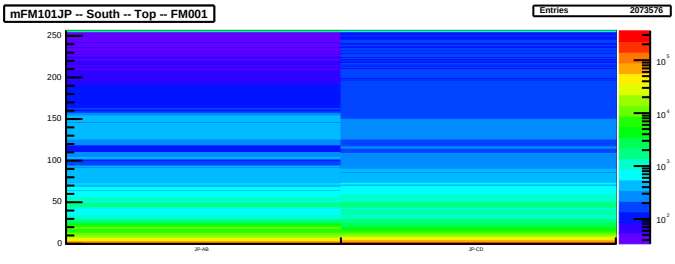
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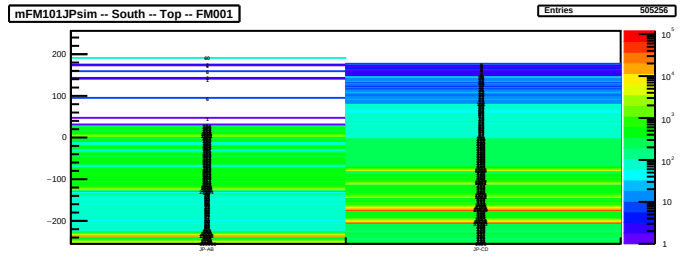
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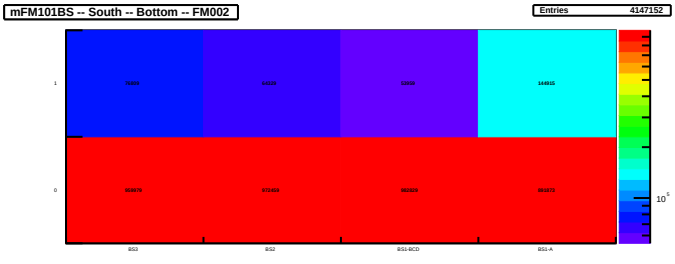
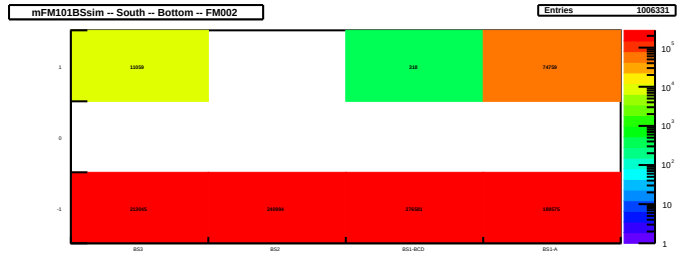

mFM101BS -- South -- Bottom -- FM002
Entries 4147152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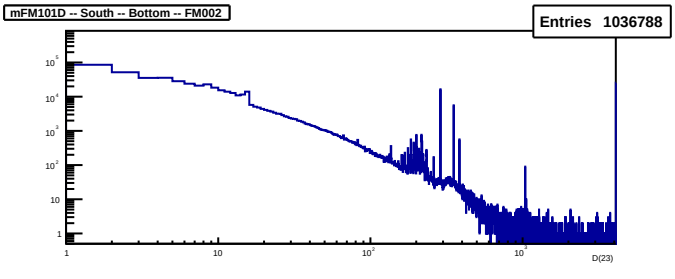
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Entries 1036788
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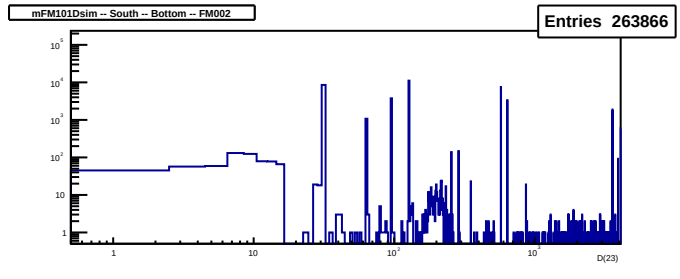
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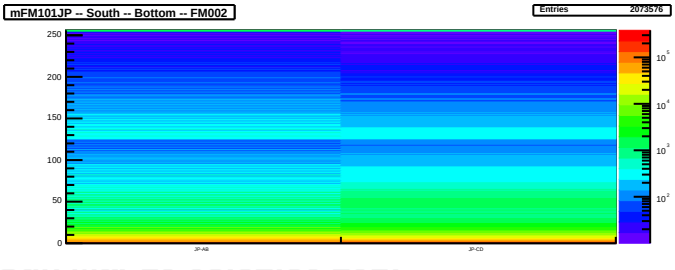
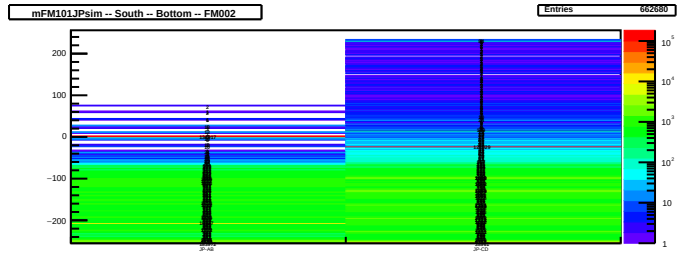

mFM101JP -- South -- Bottom -- FM002
Entries 2073576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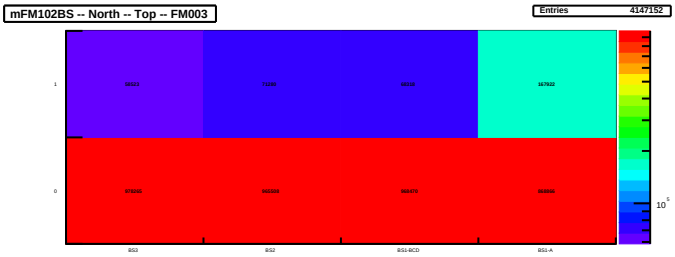
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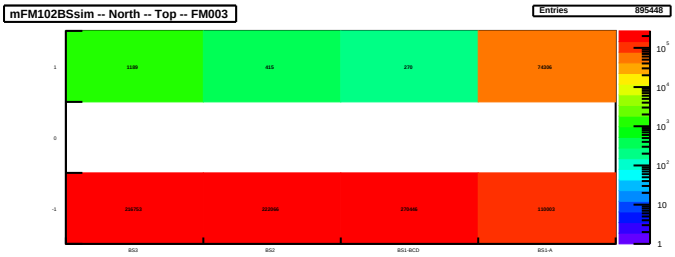
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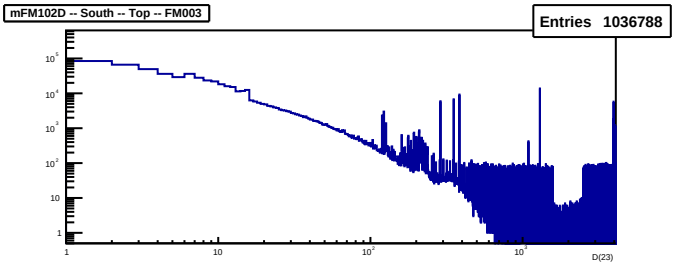
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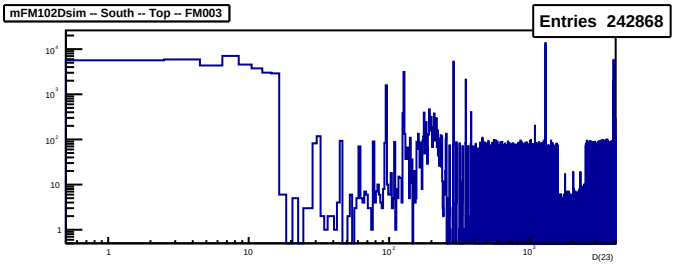
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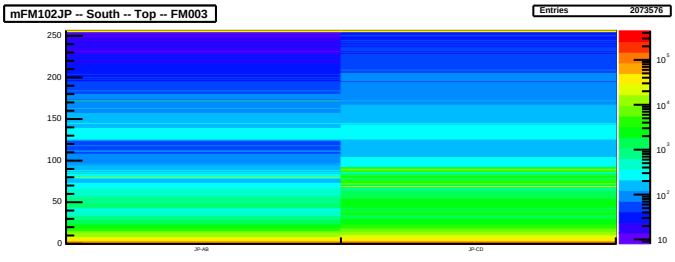
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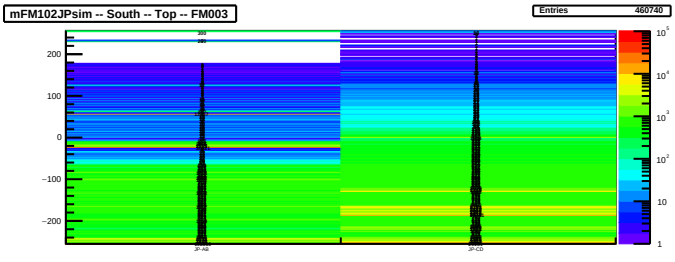
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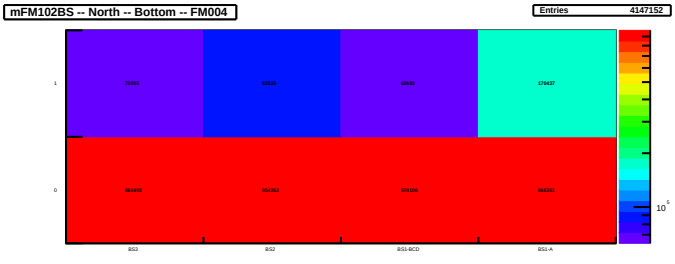
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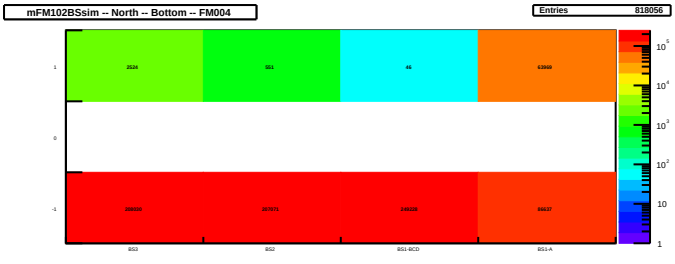
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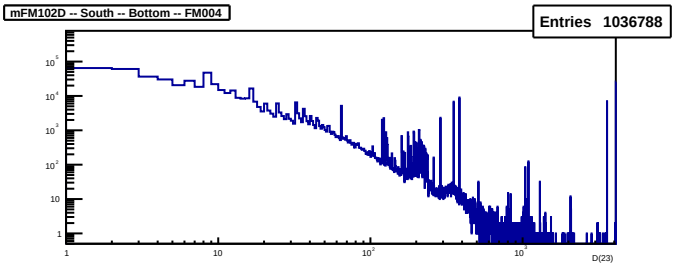
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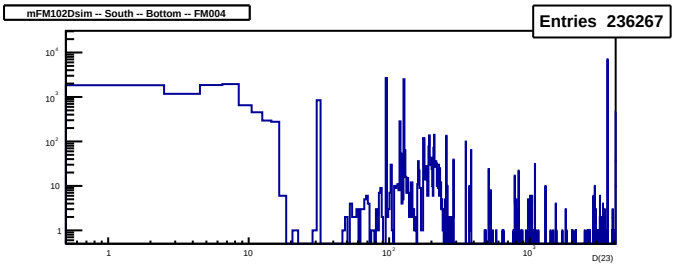
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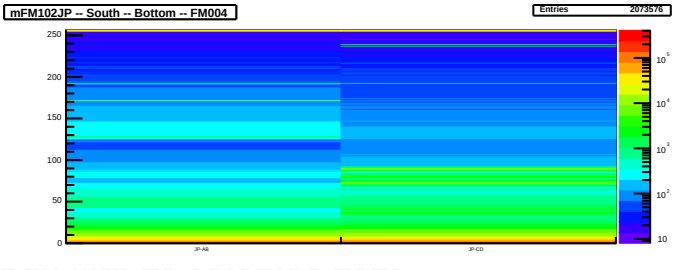
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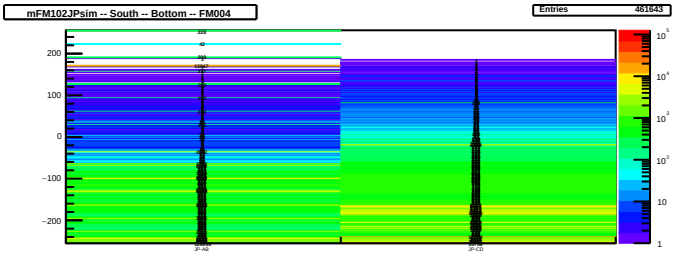
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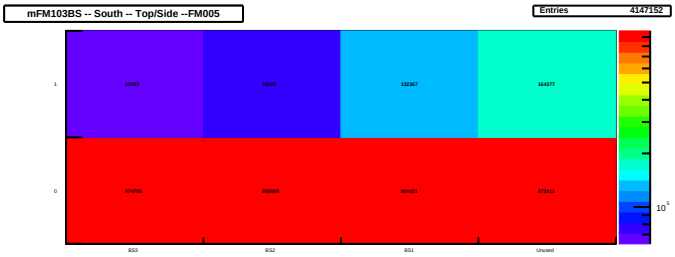
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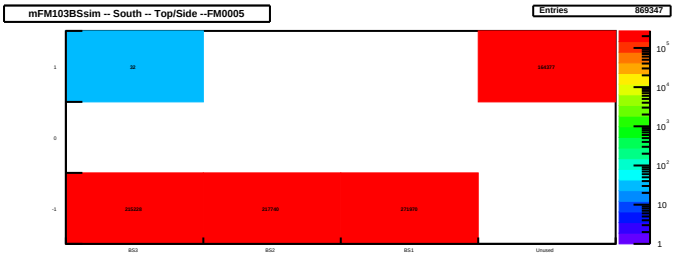
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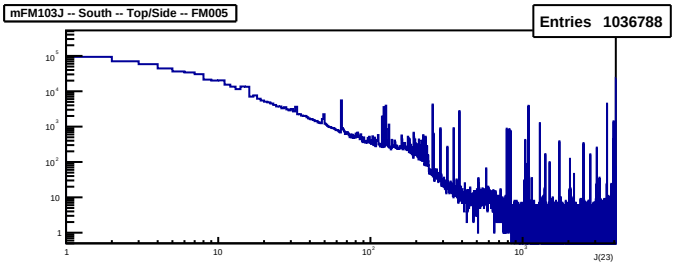
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Entries 1036788
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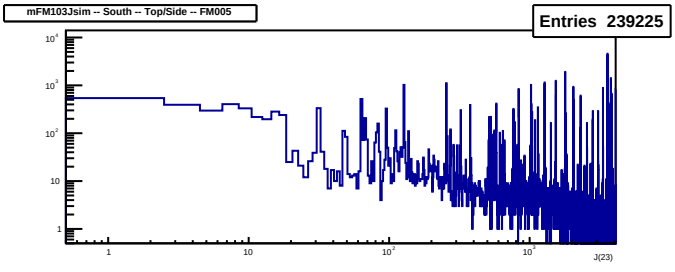
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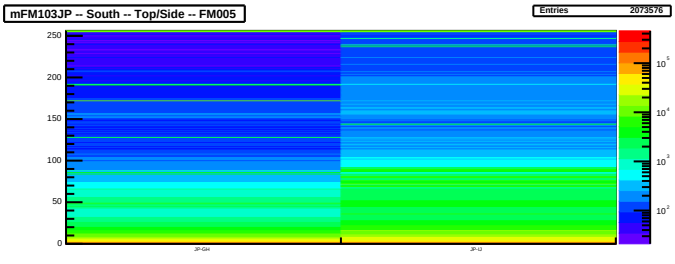
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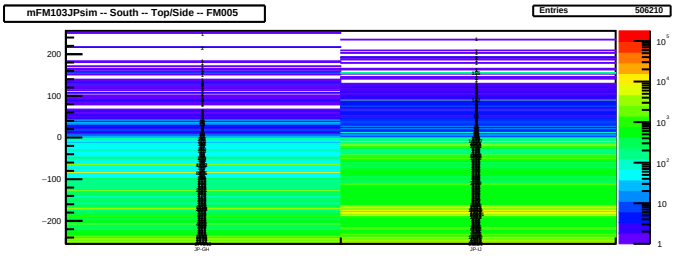
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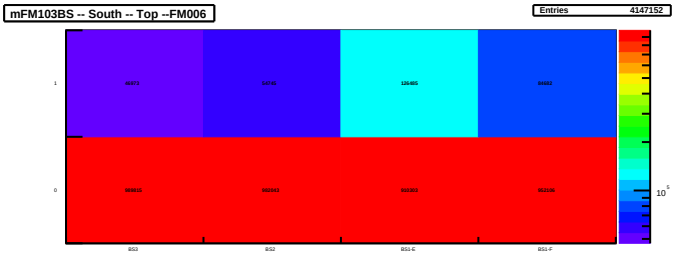
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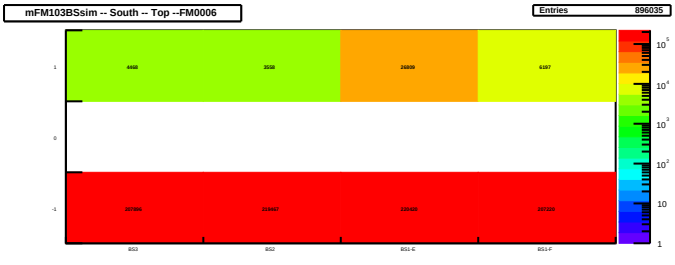
Entries 4147152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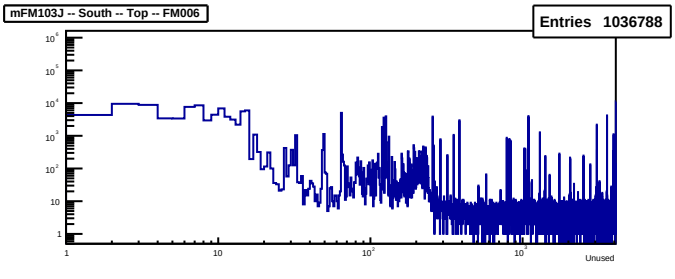
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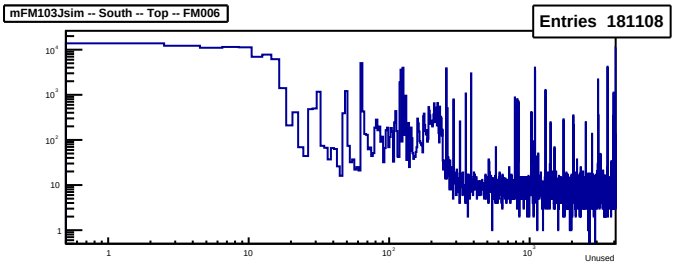
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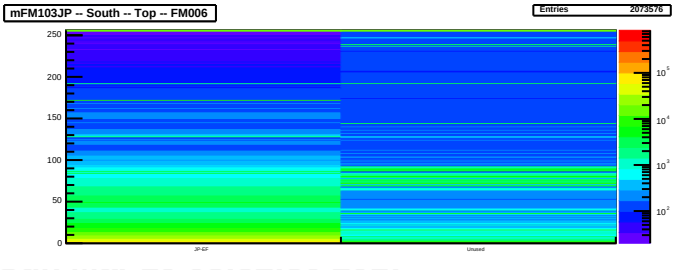
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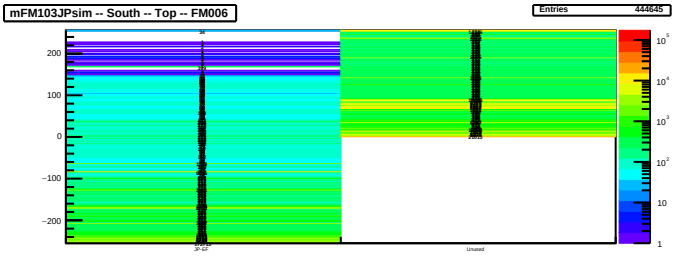
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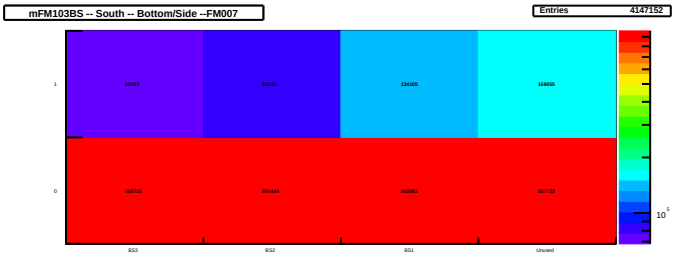
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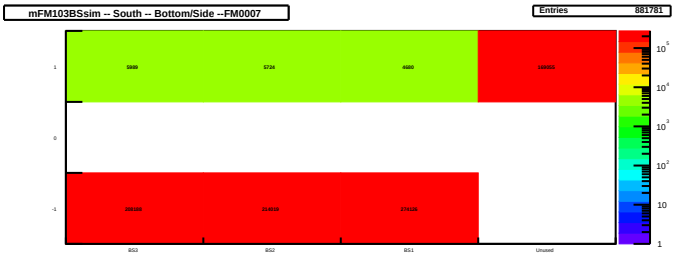
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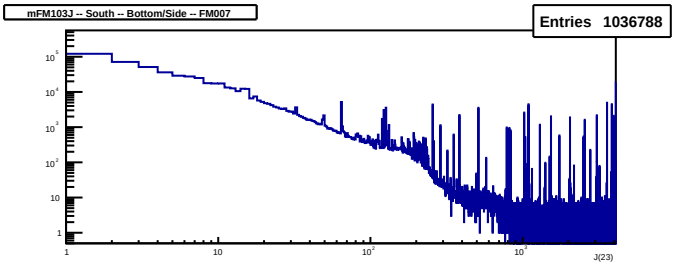
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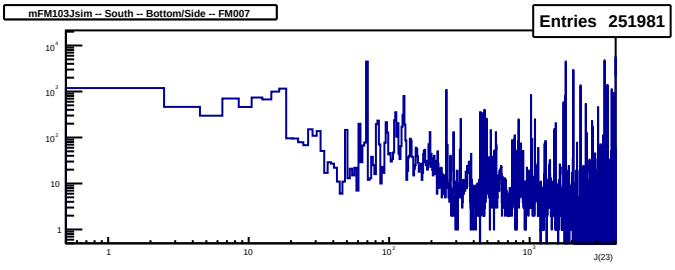
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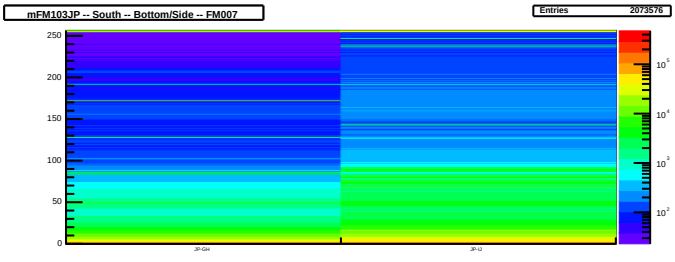
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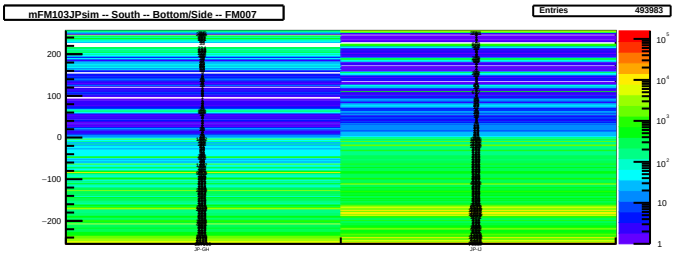
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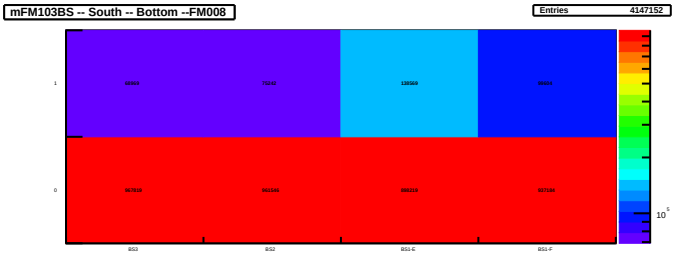
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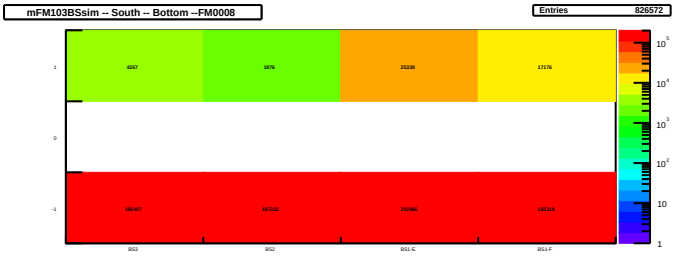
Entries 4147152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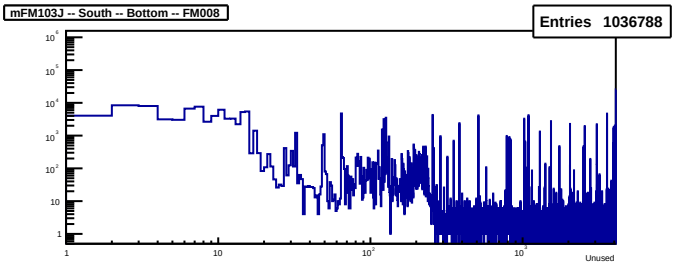
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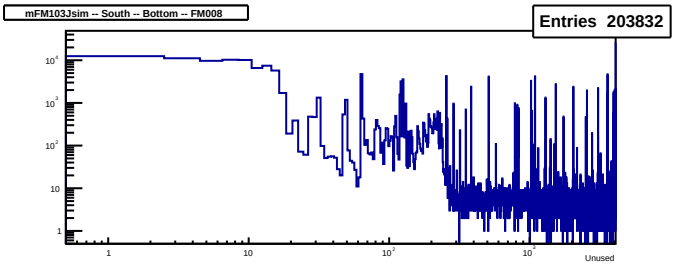
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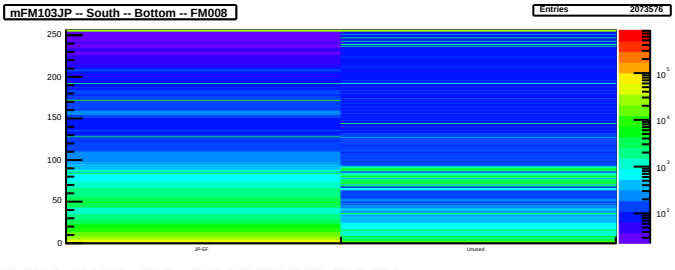
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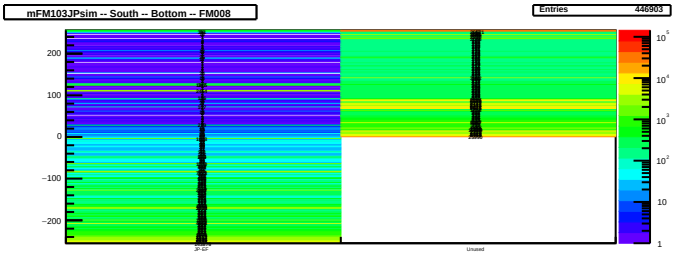
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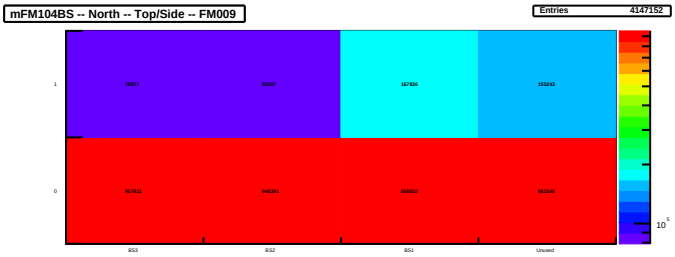
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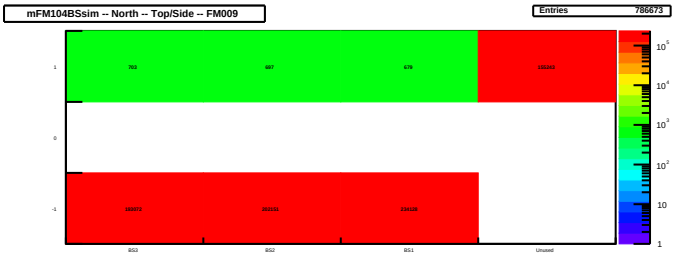
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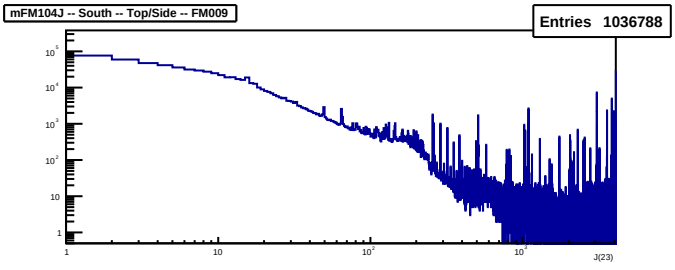
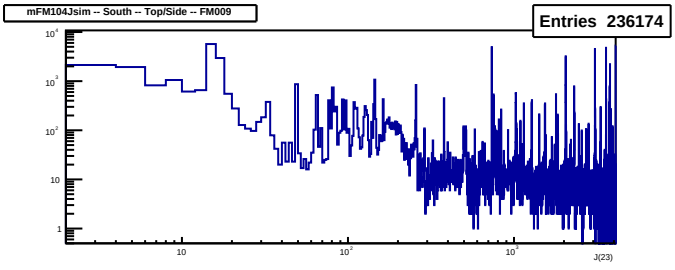
Entries 786673


mFM104J -- South -- Top/Side -- FM009
Entries 1036788
J(23)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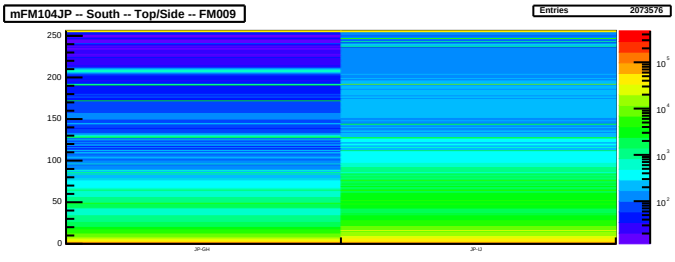
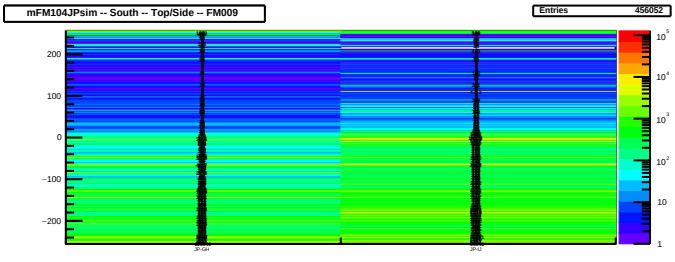
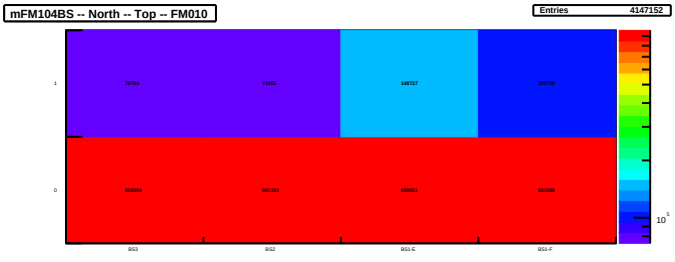
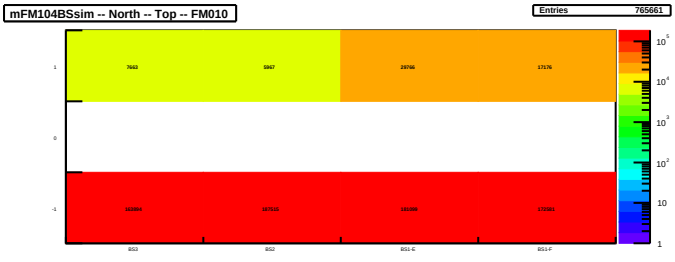
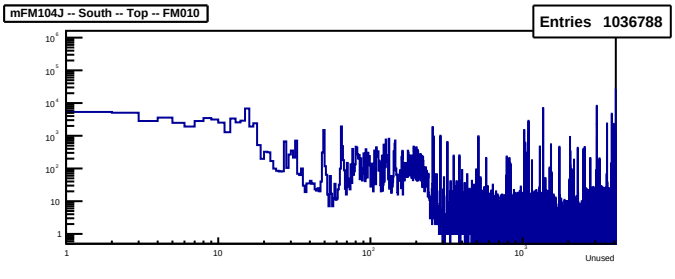
Entries 236174
J(23)

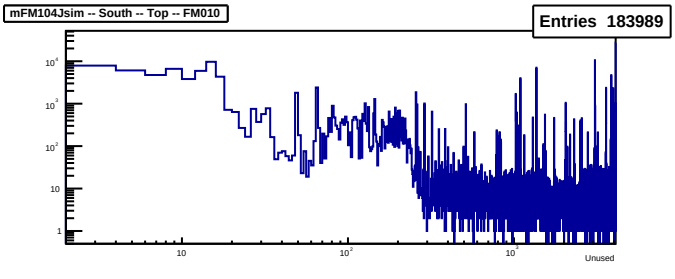

mFM104JP -- South -- Top/Side -- FM009
Entries 2073576

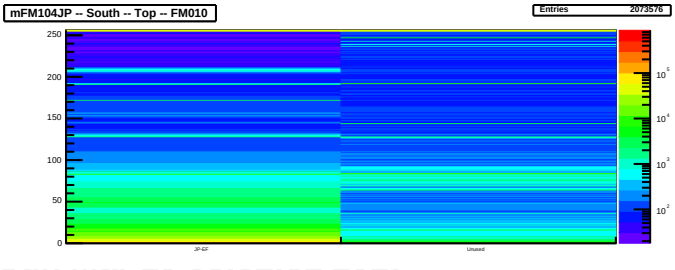

mFM104JPsim -- South -- Top/Side -- FM009
Entries 456052

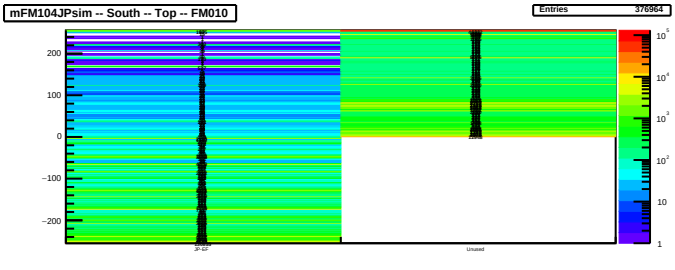

mFM104BS -- North -- Top -- FM010
Entries 4147152

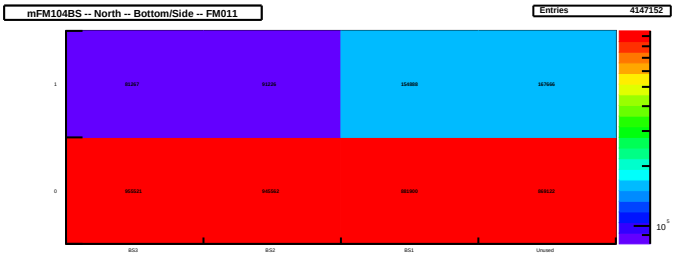

mFM104BSsim -- North -- Top -- FM010
Entries 765661

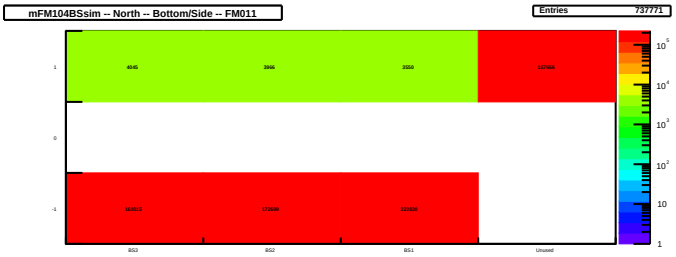

mFM104J -- South -- Top -- FM010
Entries 1036788
Unused

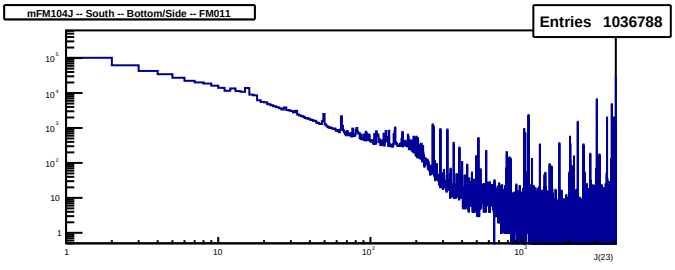

mFM104Jsim -- South -- Top -- FM010
Entries 183989
Unused

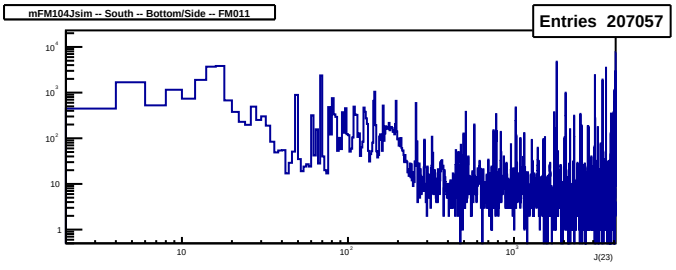

mFM104JP -- South -- Top -- FM010
Entries 2073576

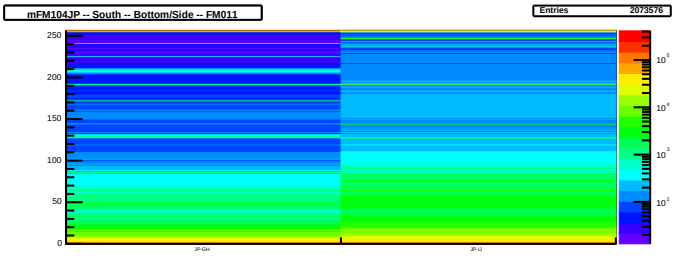

mFM104JPsim -- South -- Top -- FM010
Entries 376964

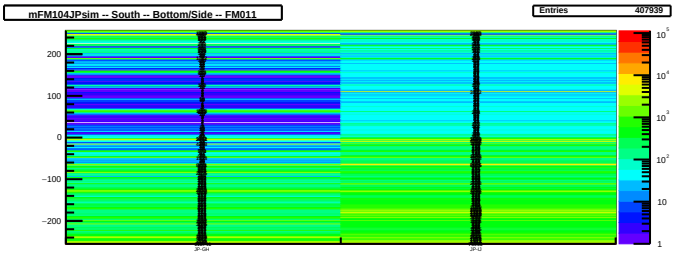

mFM104BS -- North -- Bottom/Side -- FM011
Entries 4147152

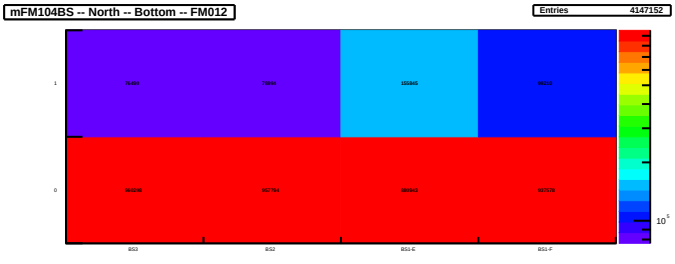

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 737771

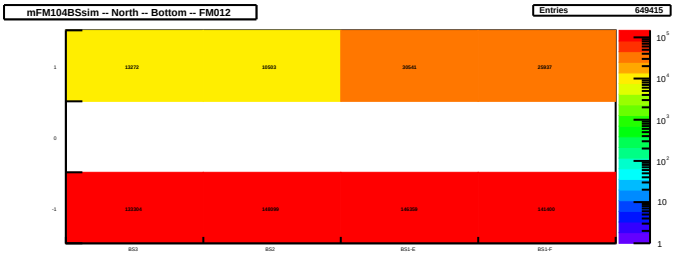

mFM104J -- South -- Bottom/Side -- FM011
Entries 1036788
J(23)

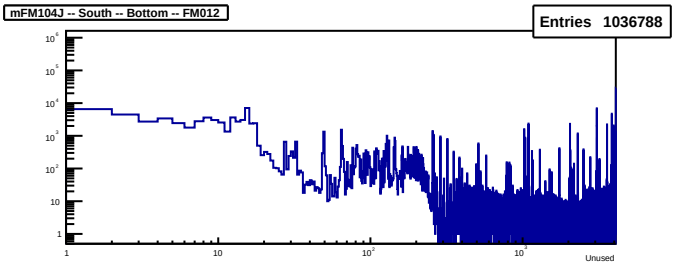

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 207057
J(23)

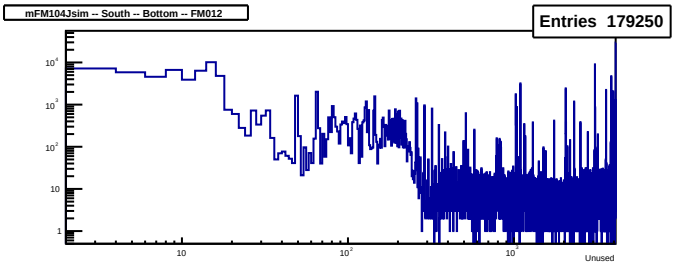

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2073576

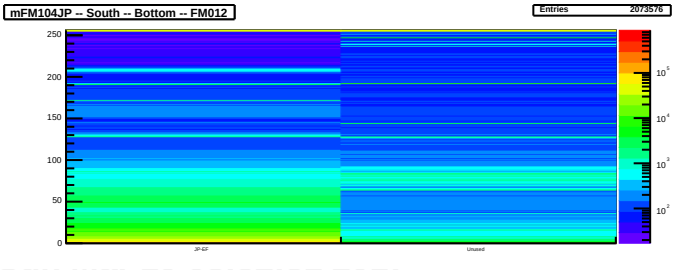

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 407939

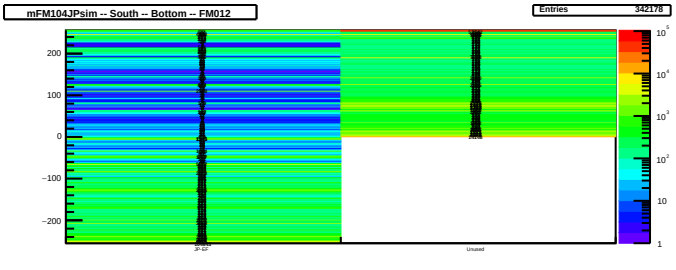

mFM104BS -- North -- Bottom -- FM012
Entries 4147152

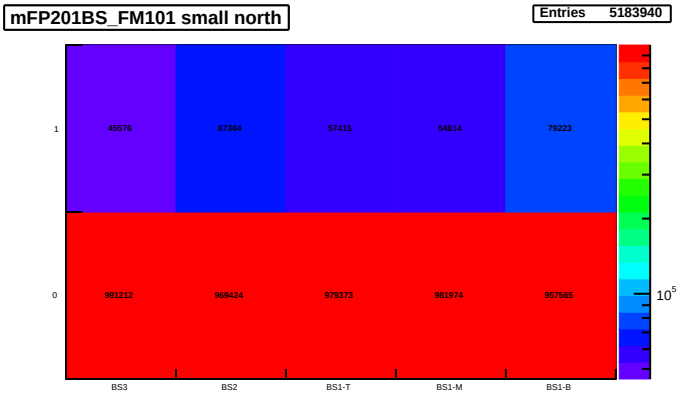

mFM104BSsim -- North -- Bottom -- FM012
Entries 649415

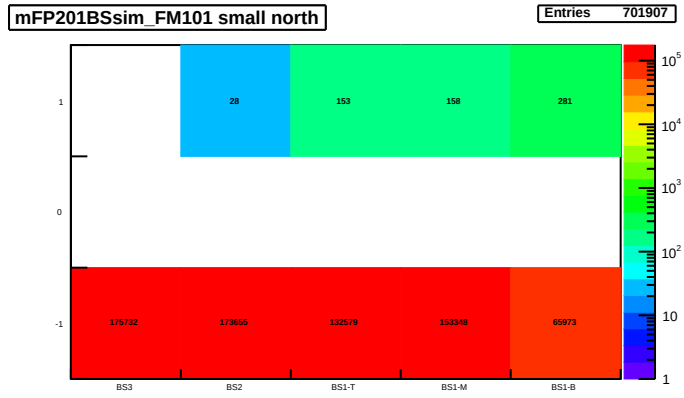

mFM104J -- South -- Bottom -- FM012
Entries 1036788
Unused

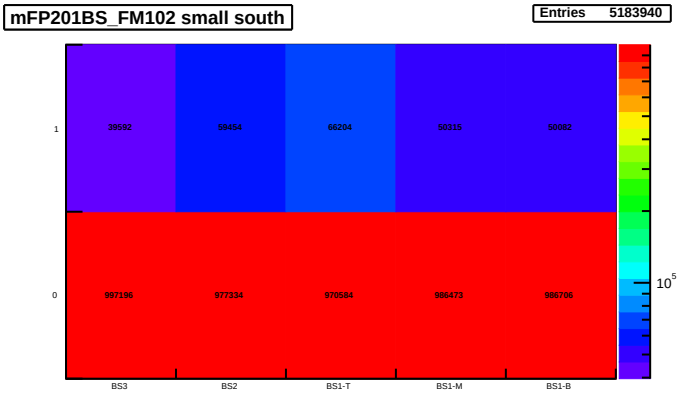

mFM104Jsim -- South -- Bottom -- FM012
Entries 179250
Unused

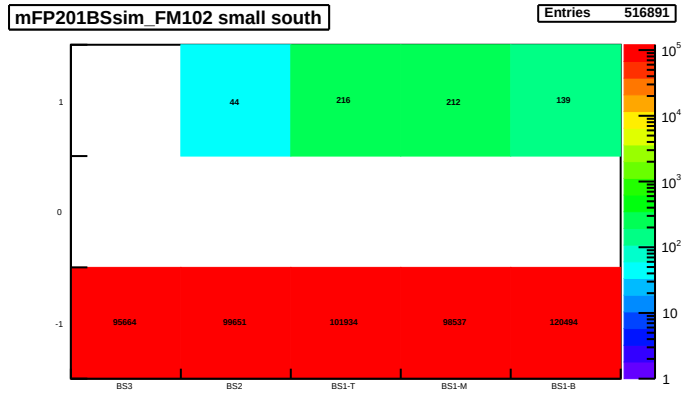

mFM104JP -- South -- Bottom -- FM012
Entries 2073576

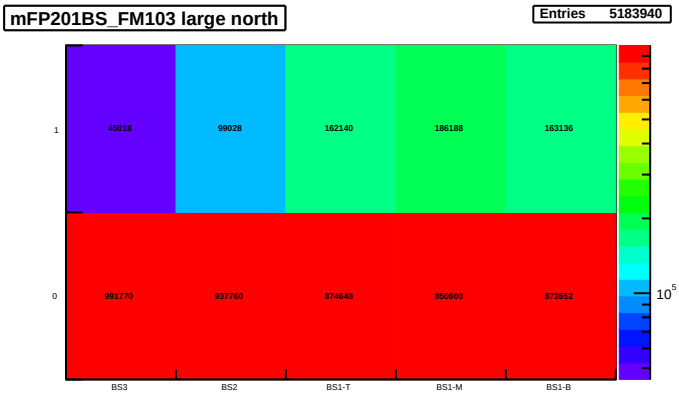

mFM104JPsim -- South -- Bottom -- FM012
Entries 342178

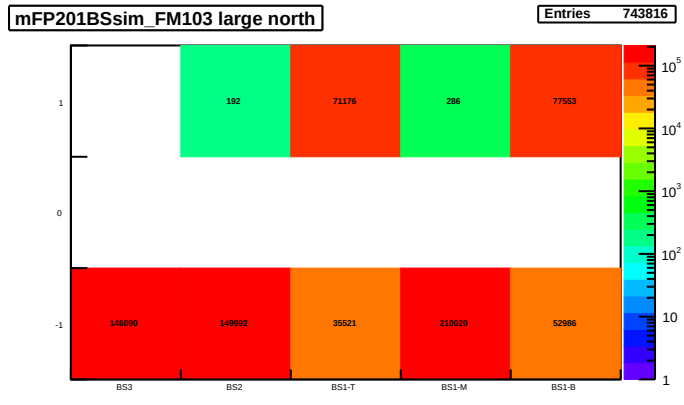

mFP201BS_FM101 small north
Entries 5183940
1
0
45576
67364
57415
54814
79223
991212
969424
979373
981974
957565
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5

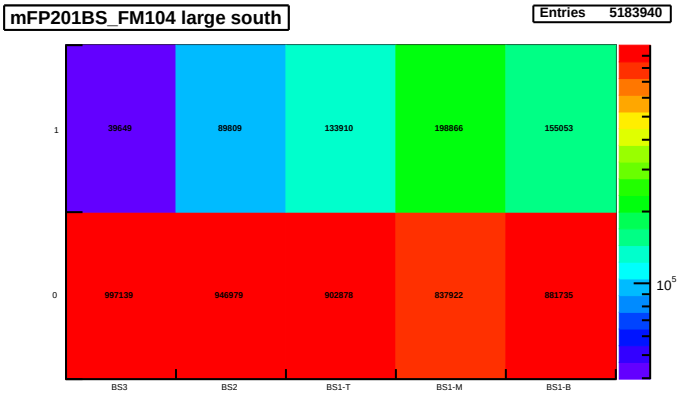

mFP201BSsim_FM101 small north
Entries 701907
1
0
-1
28
153
158
281
175732
173655
132579
153348
65973
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

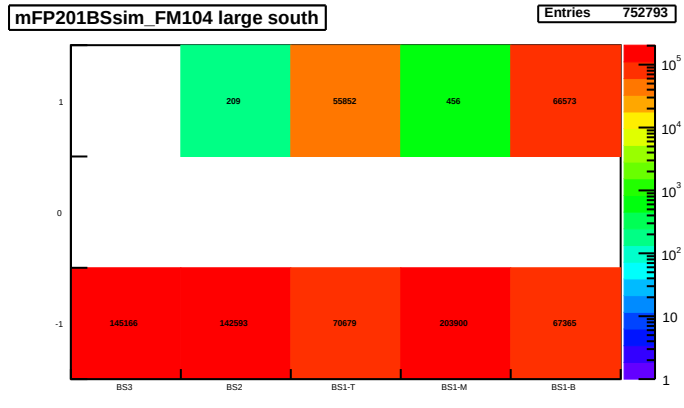

mFP201BS_FM102 small south
Entries 5183940
1
0
39592
59454
66204
50315
50082
997196
977334
970584
986473
986706
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5

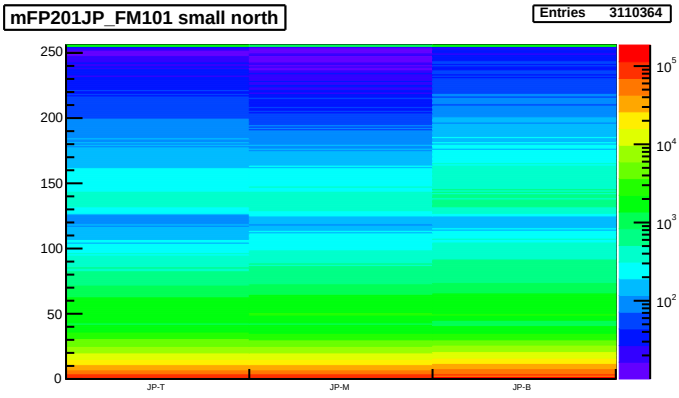

mFP201BSsim_FM102 small south
Entries 516891
1
0
-1
44
216
212
139
95664
99651
101934
98537
120494
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

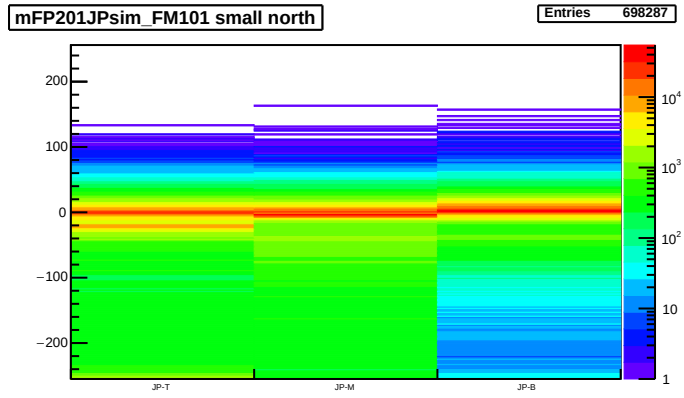

mFP201BS_FM103 large north
Entries 5183940
1
0
45018
99028
162140
186188
163136
991770
937760
874648
850600
873652
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5

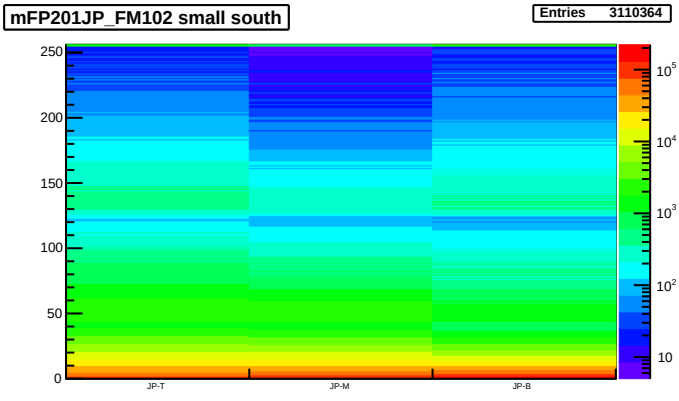

mFP201BSsim_FM103 large north
Entries 743816
1
0
-1
192
71176
286
77553
146090
149992
35521
210020
52986
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

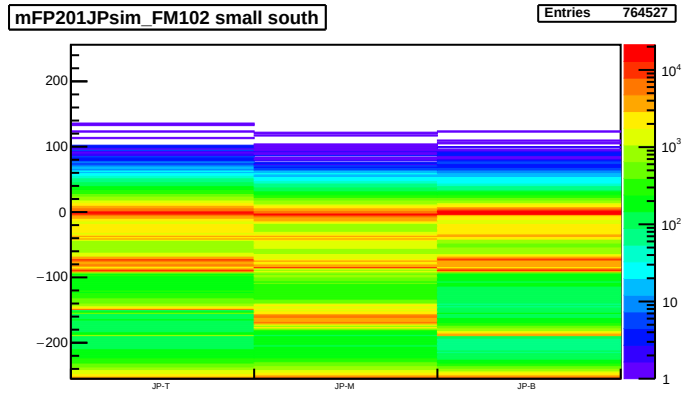

mFP201BS_FM104 large south
Entries 5183940
1
0
39649
89809
133910
198866
155053
997139
946979
902878
837922
881735
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5

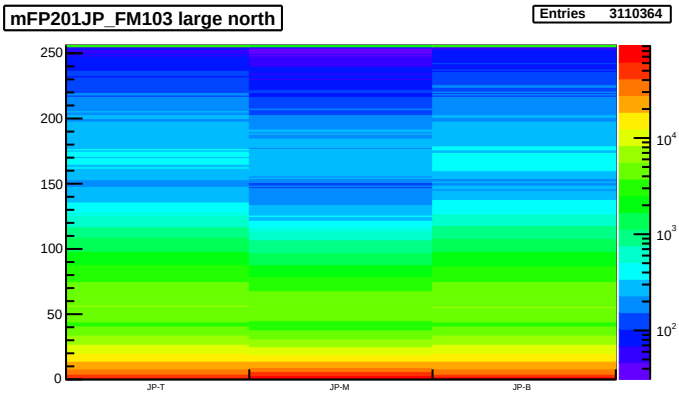

mFP201BSsim_FM104 large south
Entries 752793
1
0
-1
209
55852
456
66573
145166
142593
70679
203900
67365
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

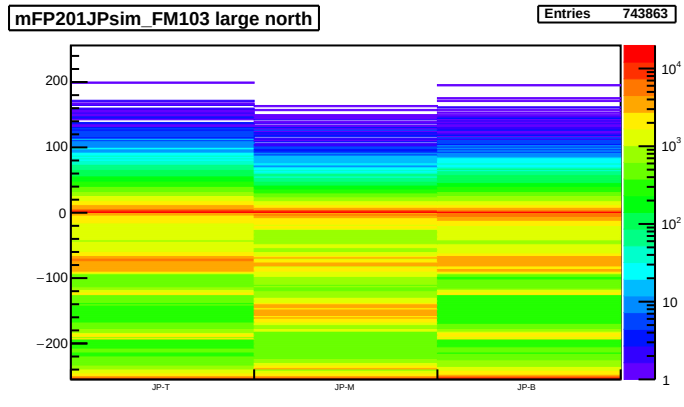

mFP201JP_FM101 small north
Entries 3110364
JP-T
JP-M
JP-B

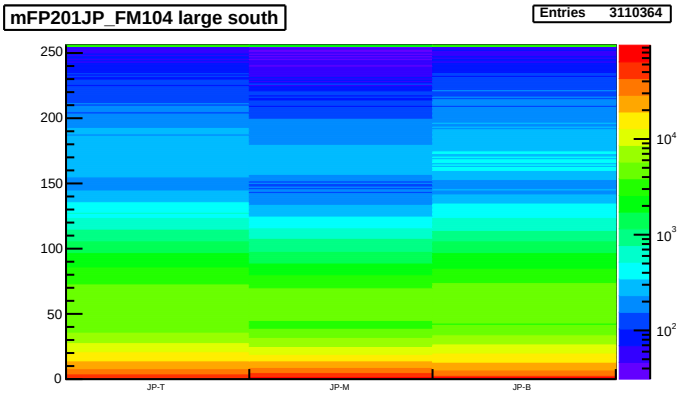

mFP201JPsim_FM101 small north
Entries 698287
JP-T
JP-M
JP-B

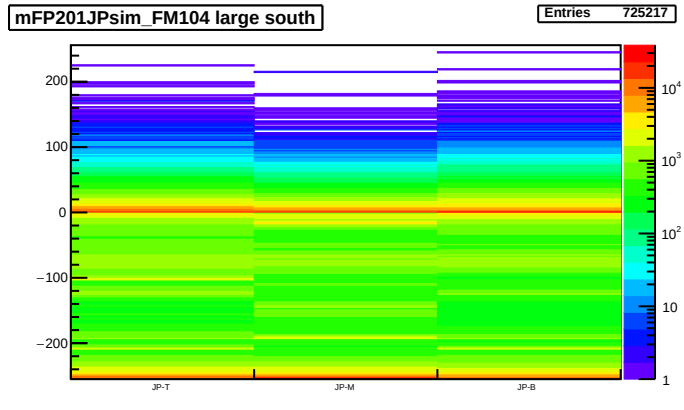

mFP201JP_FM102 small south
Entries 3110364
JP-T
JP-M
JP-B

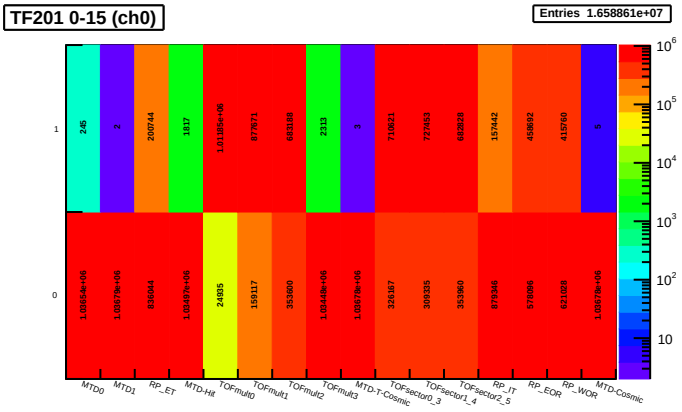

mFP201JPsim_FM102 small south
Entries 764527
JP-T
JP-M
JP-B

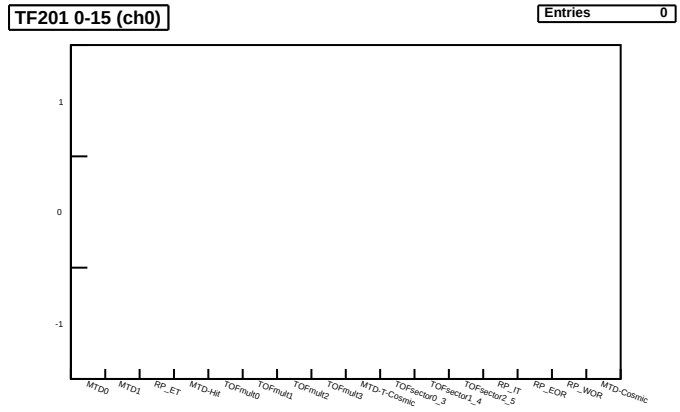

mFP201JP_FM103 large north
Entries 3110364
JP-T
JP-M
JP-B

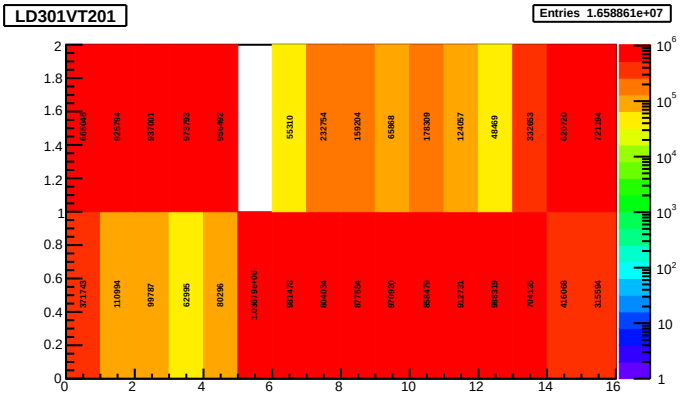

mFP201JPsim_FM103 large north
Entries 743863
JP-T
JP-M
JP-B

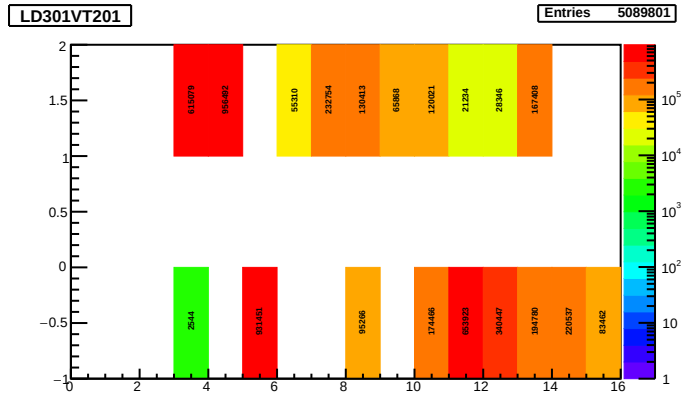

mFP201JP_FM104 large south
Entries 3110364
JP-T
JP-M
JP-B

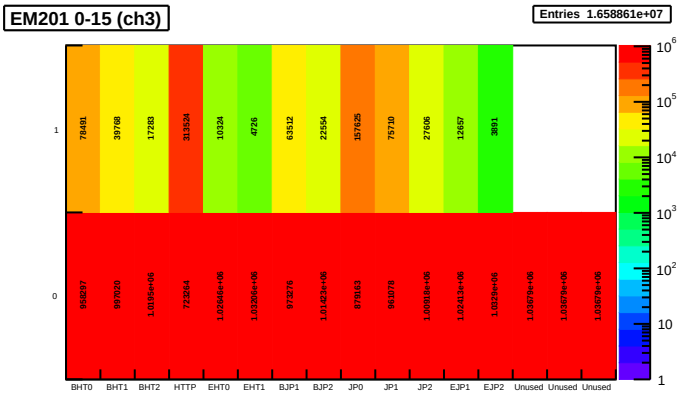

mFP201JPsim_FM104 large south
Entries 725217
JP-T
JP-M
JP-B

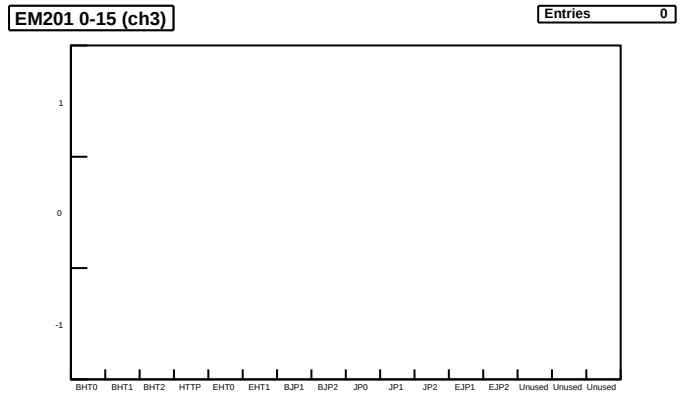

TF201 0-15 (ch0)
Entries 1.658861e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

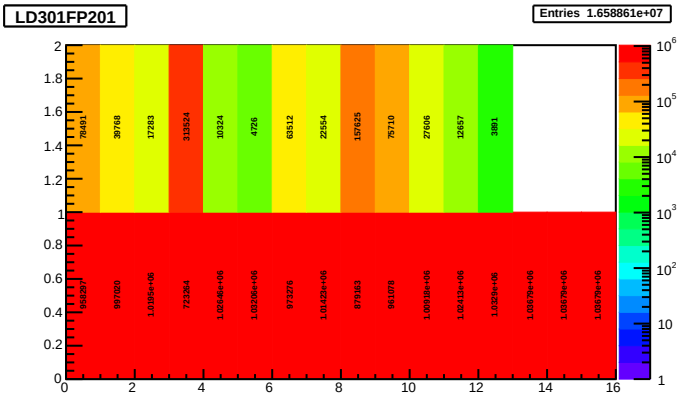

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

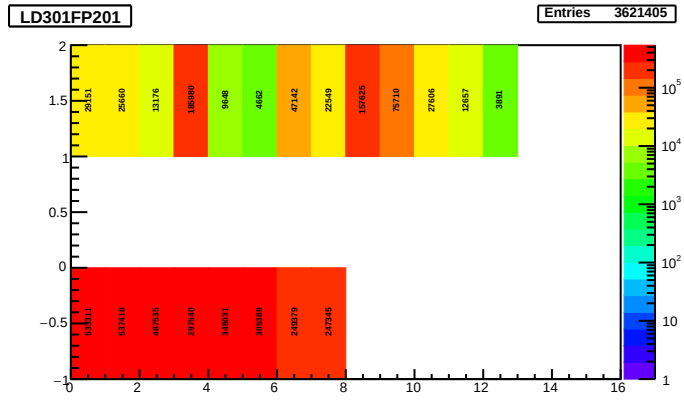

LD301VT201
Entries 1.658861e+07


LD301VT201
Entries 5089801


EM201 0-15 (ch3)
Entries 1.658861e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 1.658861e+07


LD301FP201
Entries 3621405