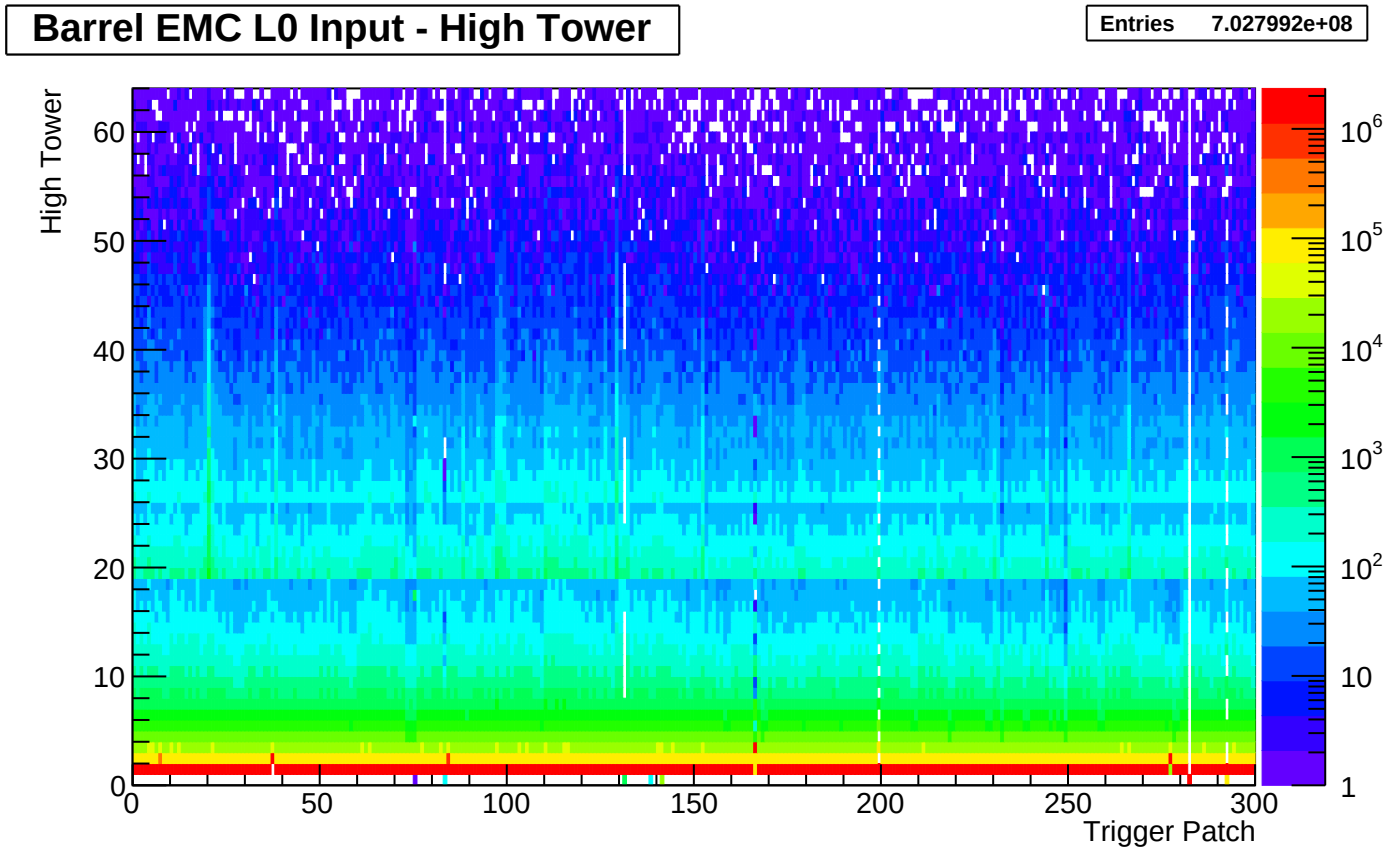
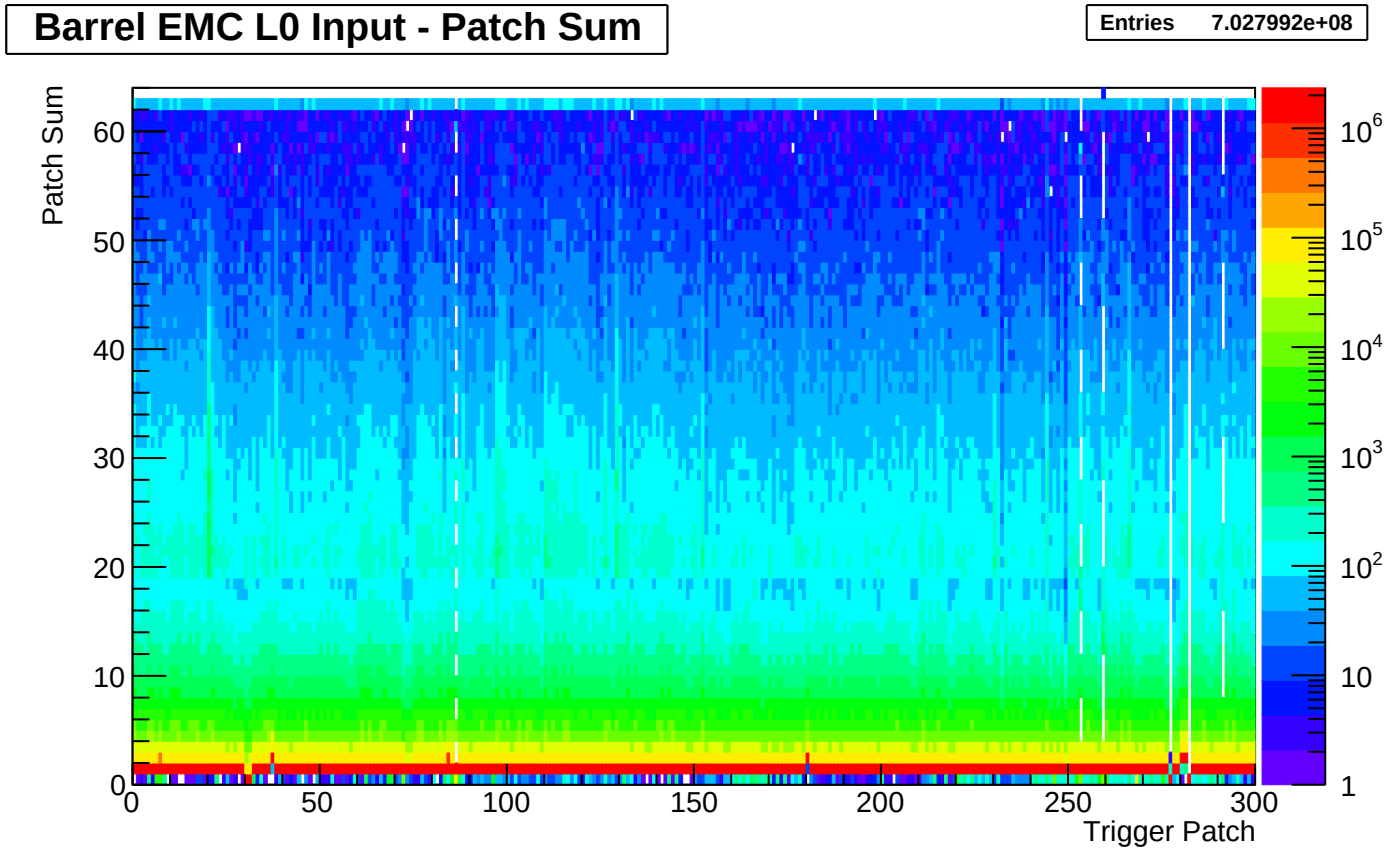
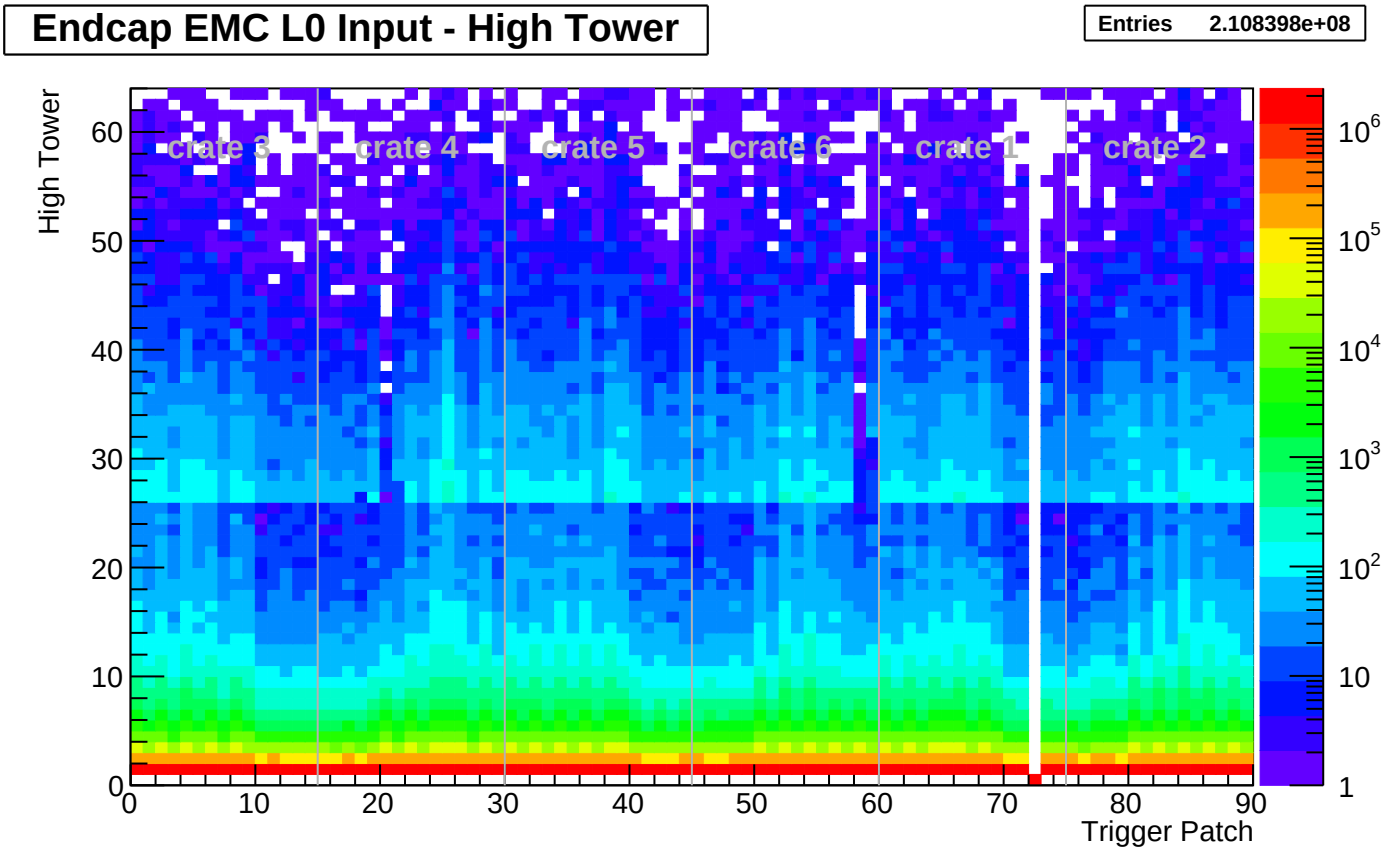
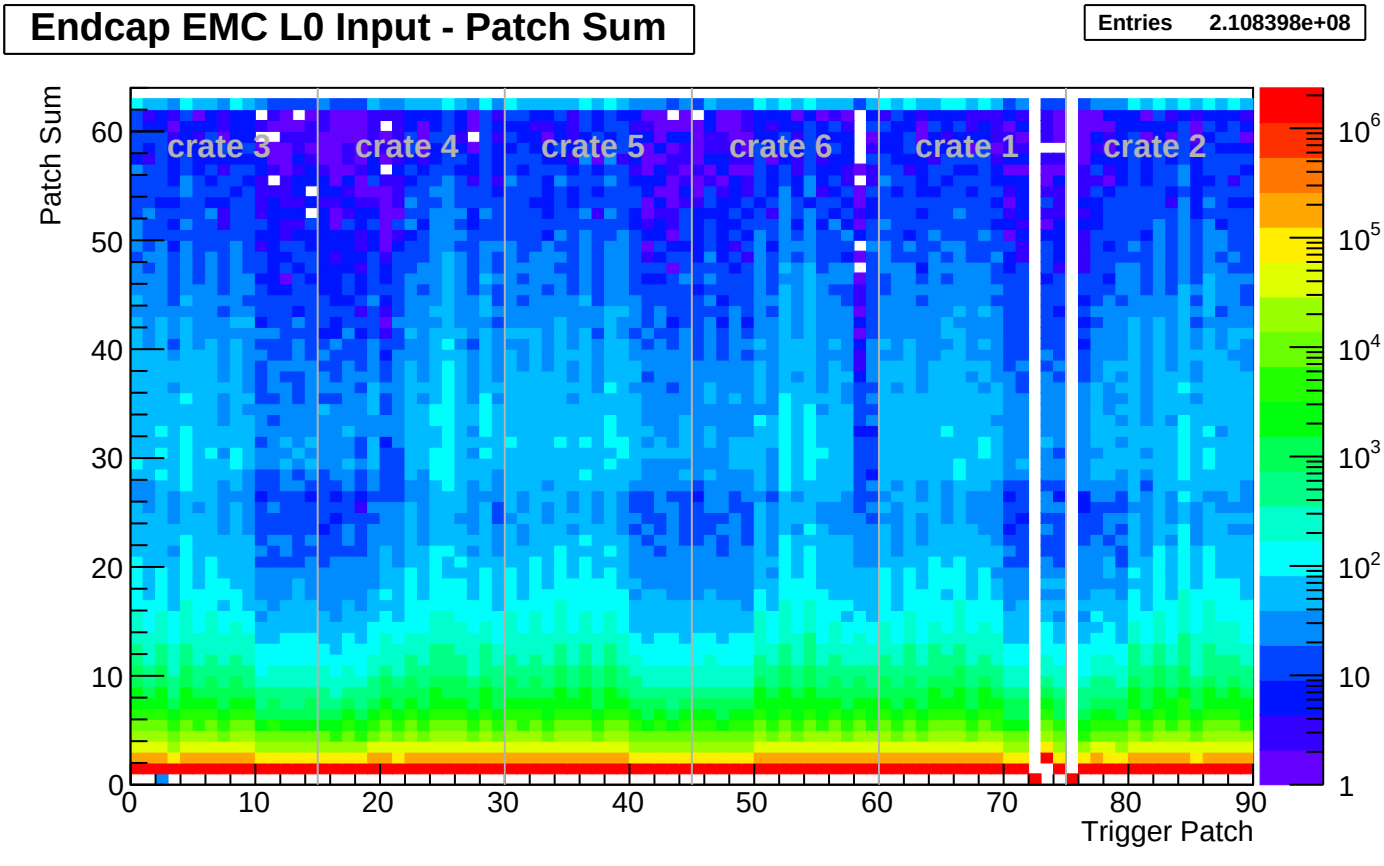
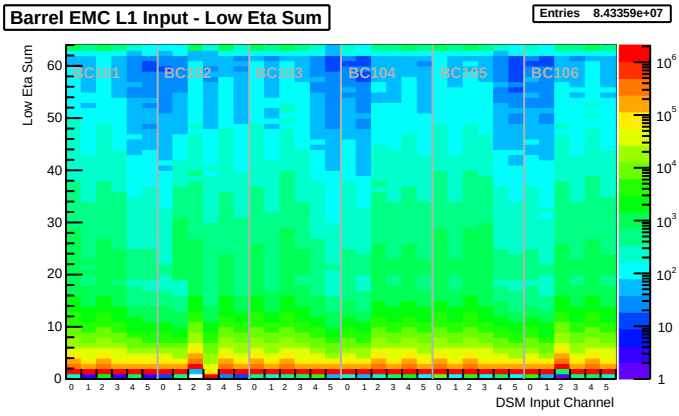
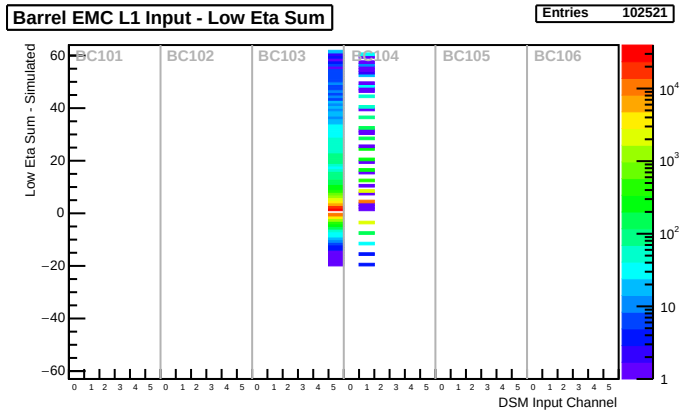

Barrel EMC L0 Input - High Tower
Entries 7.027992e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

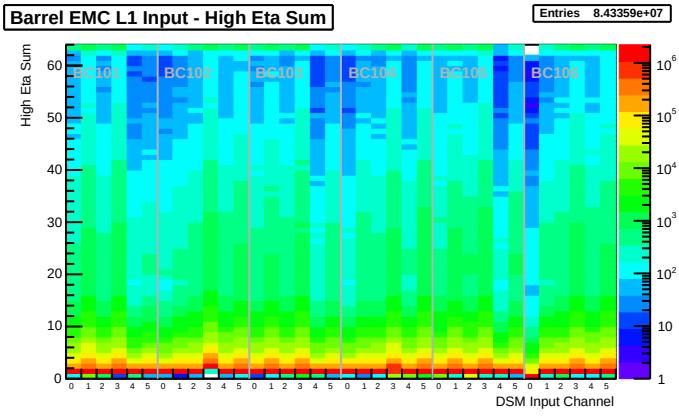

Barrel EMC L0 Input - Patch Sum
Entries 7.027992e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

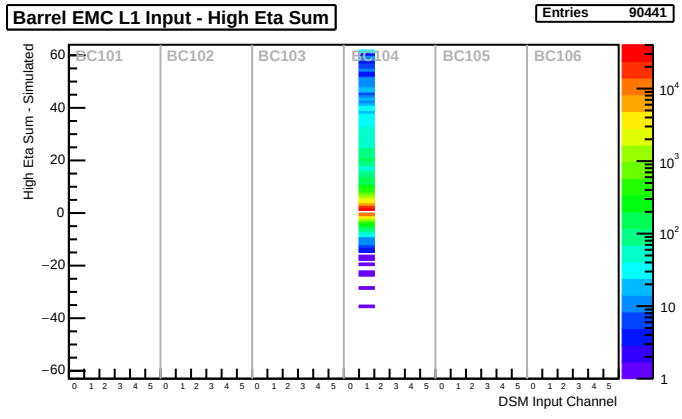

Endcap EMC L0 Input - High Tower
Entries 2.108398e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

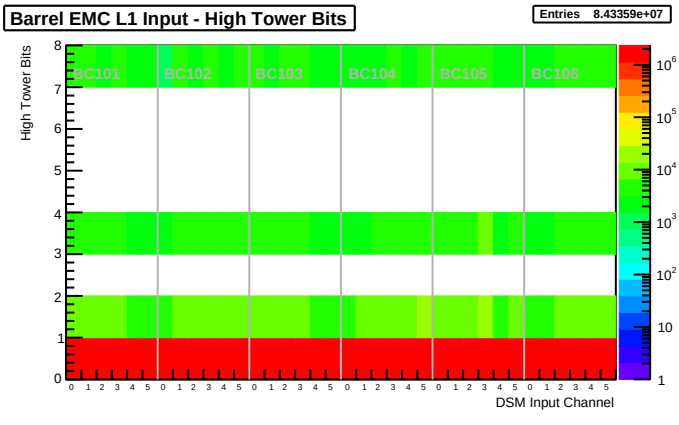

Endcap EMC L0 Input - Patch Sum
Entries 2.108398e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

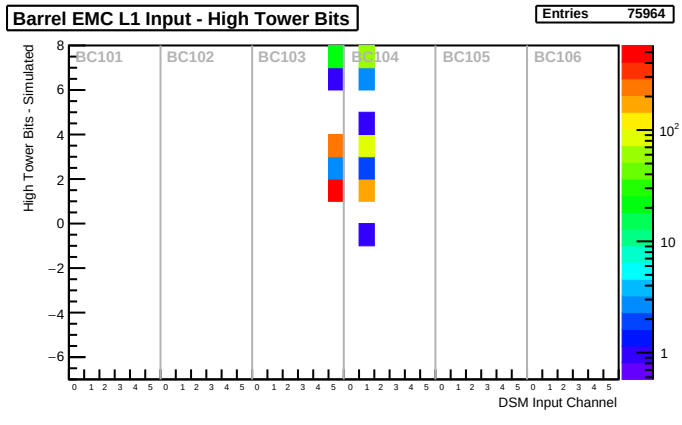

Barrel EMC L1 Input - Low Eta Sum
Entries 8.43359e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

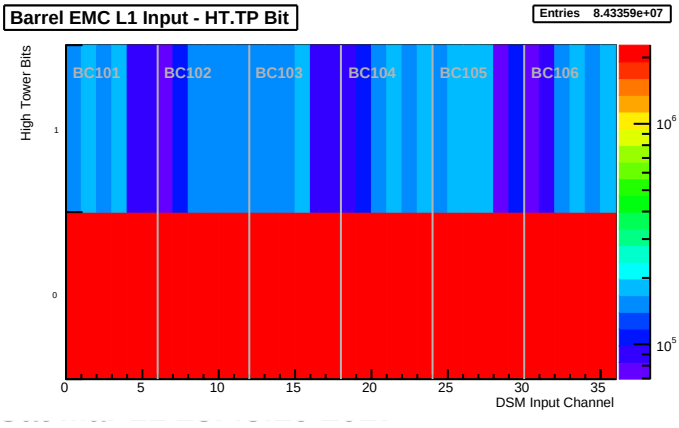

Barrel EMC L1 Input - Low Eta Sum
Entries 102521
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

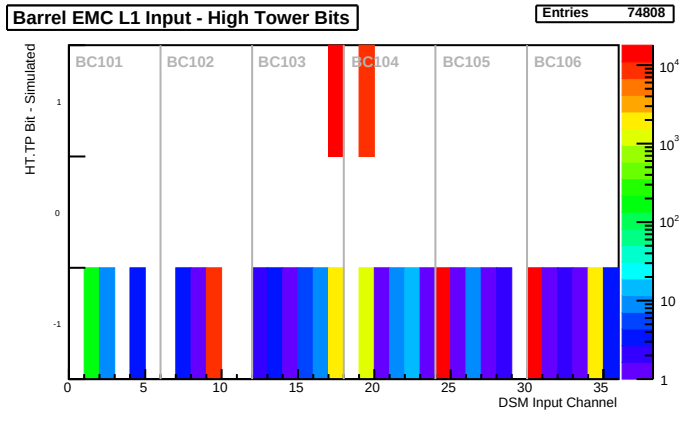

Barrel EMC L1 Input - High Eta Sum
Entries 8.43359e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

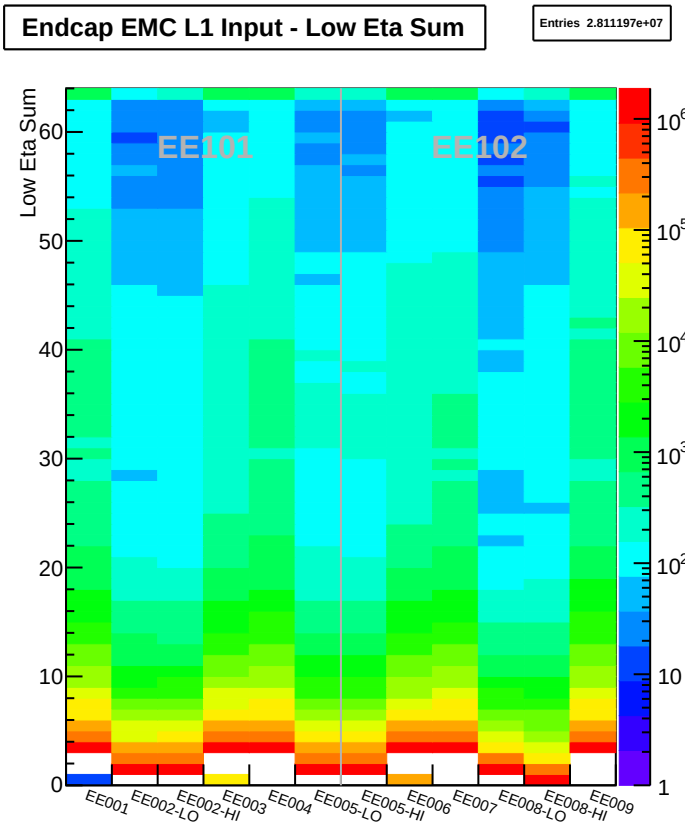

Barrel EMC L1 Input - High Eta Sum
Entries 90441
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

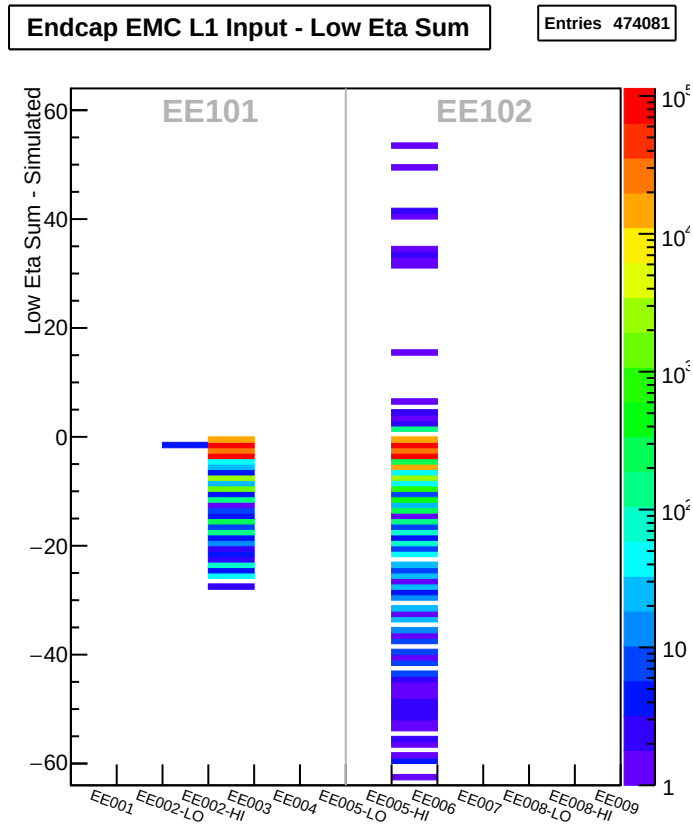

Barrel EMC L1 Input - High Tower Bits
Entries 8.43359e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

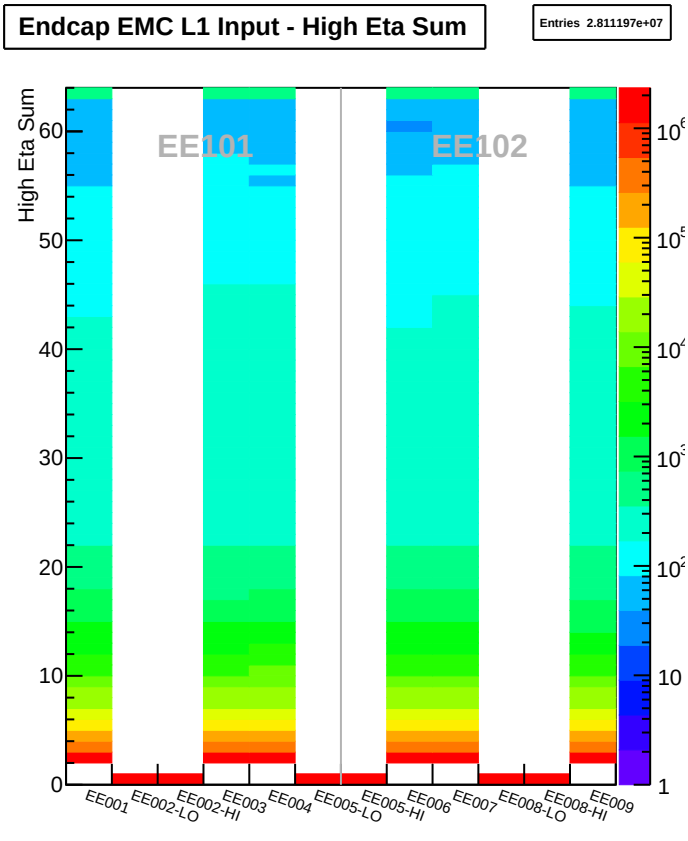

Barrel EMC L1 Input - High Tower Bits
Entries 75964
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

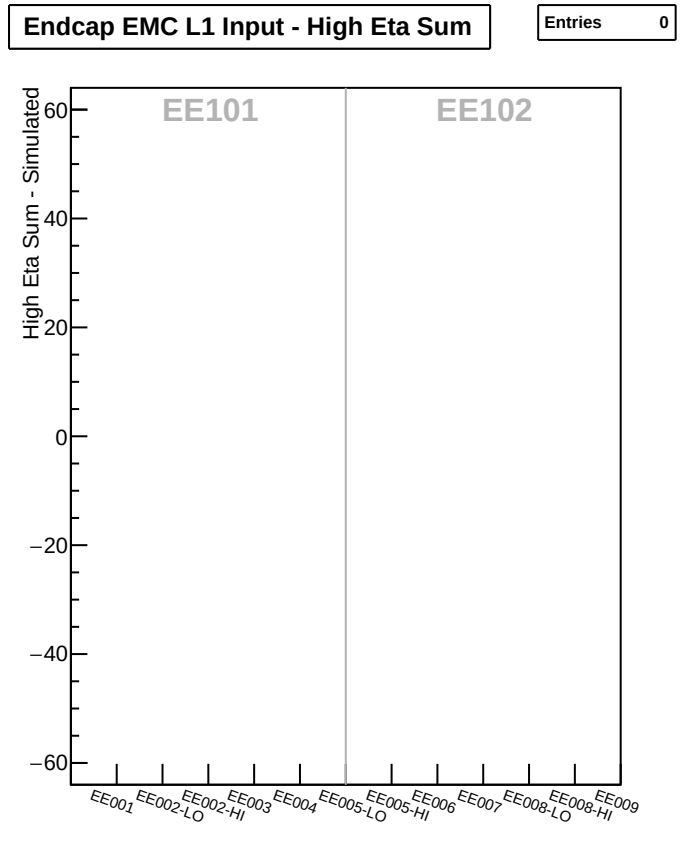

Barrel EMC L1 Input - HT.TP Bit
Entries 8.43359e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

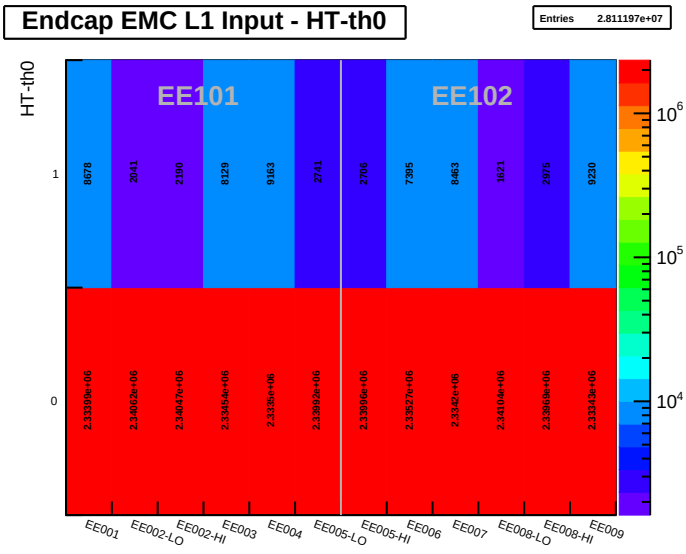

Barrel EMC L1 Input - High Tower Bits
Entries 74808
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

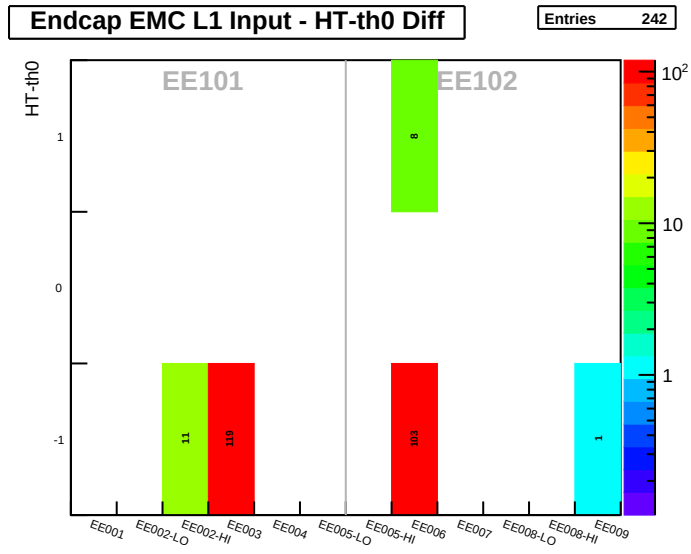

Endcap EMC L1 Input - Low Eta Sum
Entries 2.811197e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

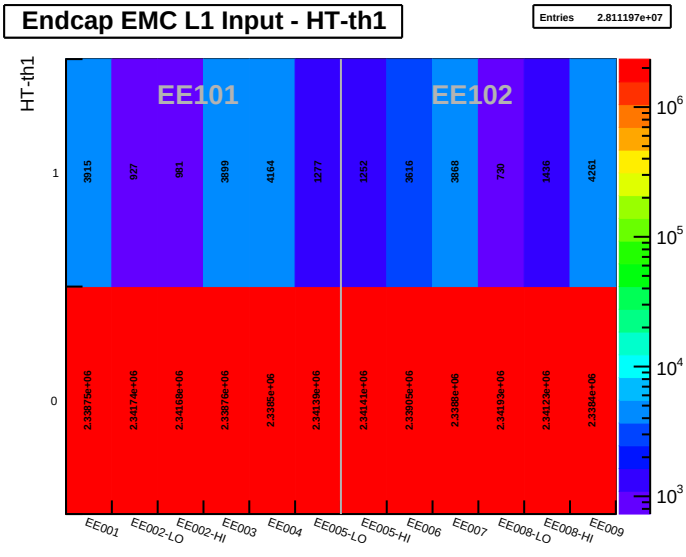

Endcap EMC L1 Input - Low Eta Sum
Entries 474081
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

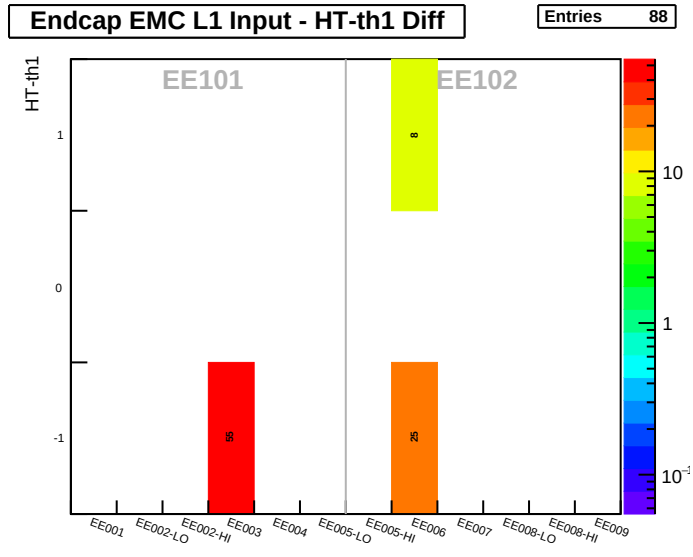

Endcap EMC L1 Input - High Eta Sum
Entries 2.811197e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

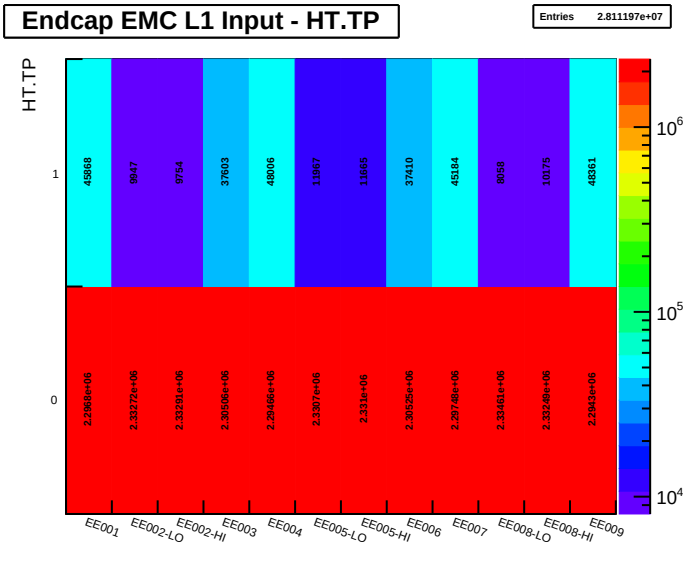

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

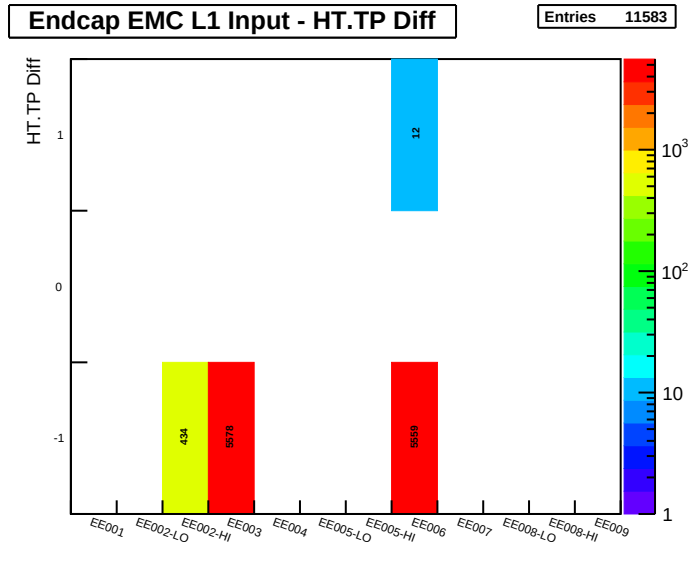

Endcap EMC L1 Input - HT-th0
Entries 2.811197e+07
HT-th0
EE101
EE102
8678 2041 2190 8129 9163 2741 2706 7395 8463 1621 2975 9230
2.33399e+06 2.34062e+06 2.34047e+06 2.33454e+06 2.3335e+06 2.33932e+06 2.33996e+06 2.33527e+06 2.33342e+06 2.34104e+06 2.33869e+06 2.33343e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

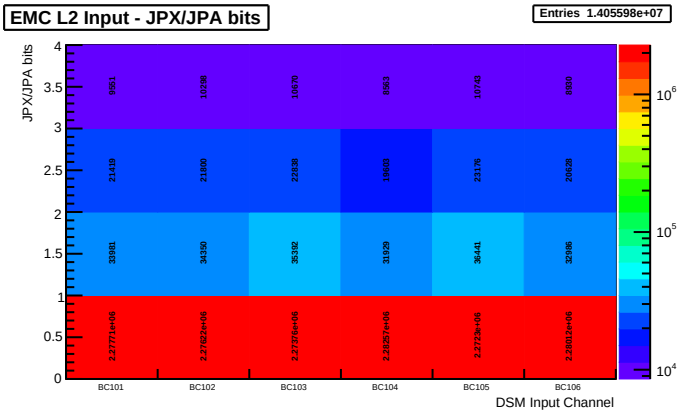

Endcap EMC L1 Input - HT-th0 Diff
Entries 242
HT-th0
EE101
EE102
8
11 119 103 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

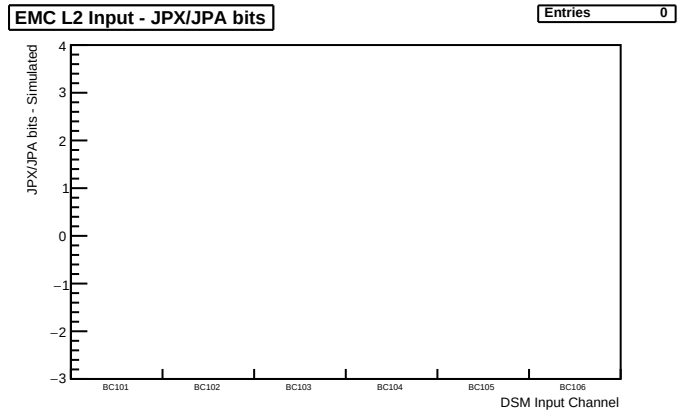

Endcap EMC L1 Input - HT-th1
Entries 2.811197e+07
HT-th1
EE101
EE102
3915 927 981 3899 4164 1277 1252 3616 3868 730 1436 4261
2.33875e+06 2.34174e+06 2.34168e+06 2.33876e+06 2.3385e+06 2.34139e+06 2.34141e+06 2.33905e+06 2.3388e+06 2.34193e+06 2.34123e+06 2.33884e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

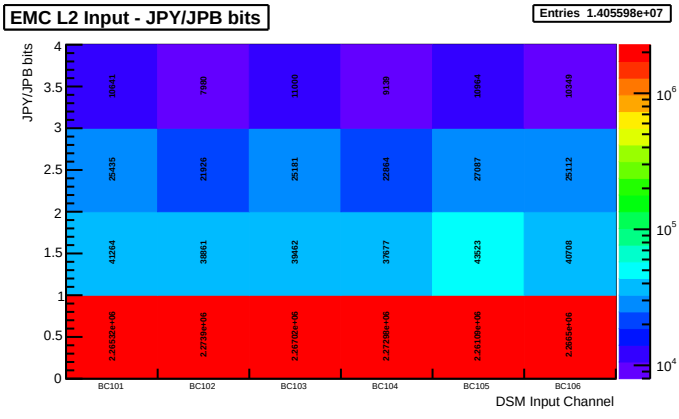

Endcap EMC L1 Input - HT-th1 Diff
Entries 88
HT-th1
EE101
EE102
8
55 25
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

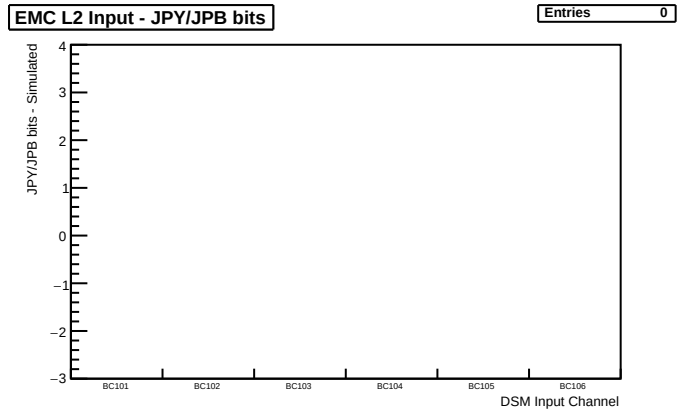

Endcap EMC L1 Input - HT.TP
Entries 2.811197e+07
HT.TP
45868 9947 9754 37603 48006 11667 11665 37410 45184 8058 10175 48361
2.2968e+06 2.33272e+06 2.33291e+06 2.30506e+06 2.29466e+06 2.3307e+06 2.331e+06 2.30525e+06 2.29748e+06 2.33461e+06 2.33249e+06 2.2943e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

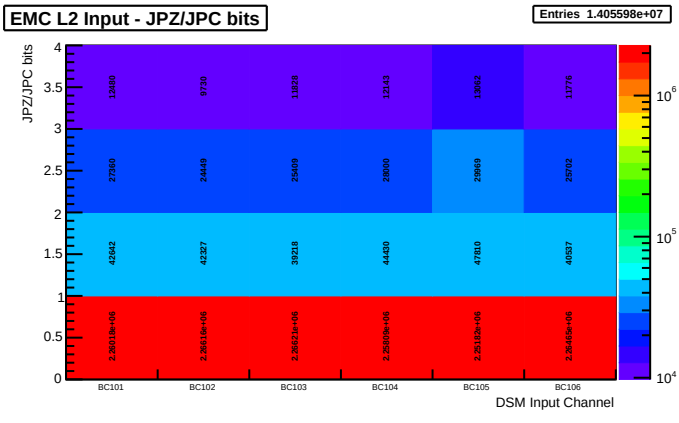

Endcap EMC L1 Input - HT.TP Diff
Entries 11583
HT.TP Diff
12
434 5578 5559
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

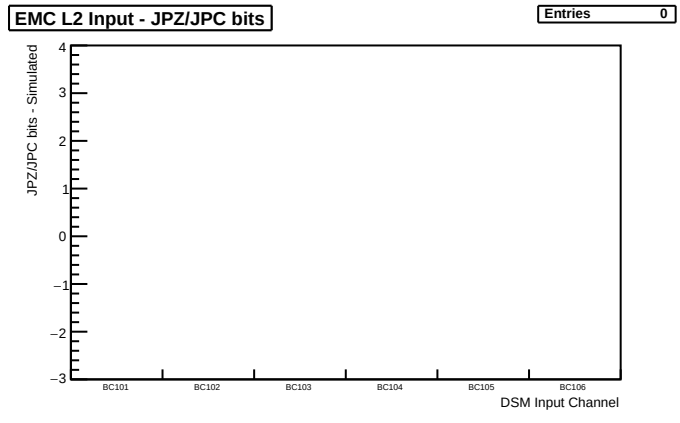

EMC L2 Input - JPX/JPA bits
Entries 1.405598e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9951
10298
10670
8953
10743
8930
21419
21930
22838
19603
23176
20628
33981
34350
35382
31929
36441
32986
2.27771e+06
2.27602e+06
2.27376e+06
2.28257e+06
2.27723e+06
2.28012e+06

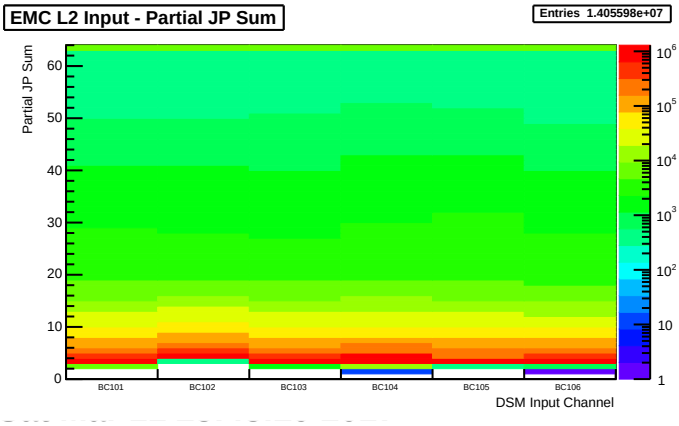

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

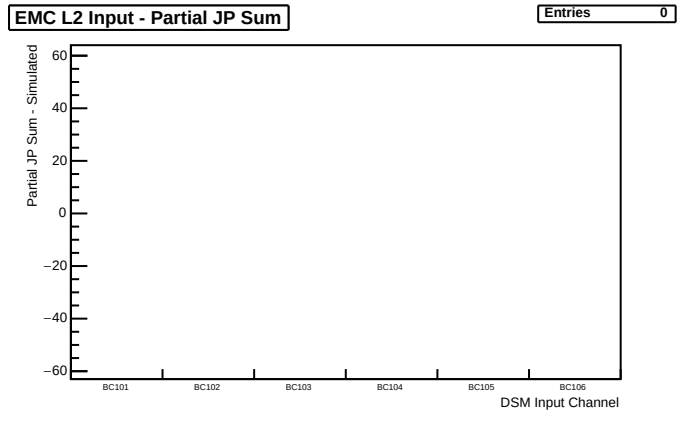

EMC L2 Input - JPY/JPB bits
Entries 1.405598e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10541
7090
11000
9139
10964
10349
25435
21926
25181
22864
27087
25112
41264
38861
39462
37677
43923
40708
2.26532e+06
2.27394e+06
2.26702e+06
2.27298e+06
2.26109e+06
2.26654e+06

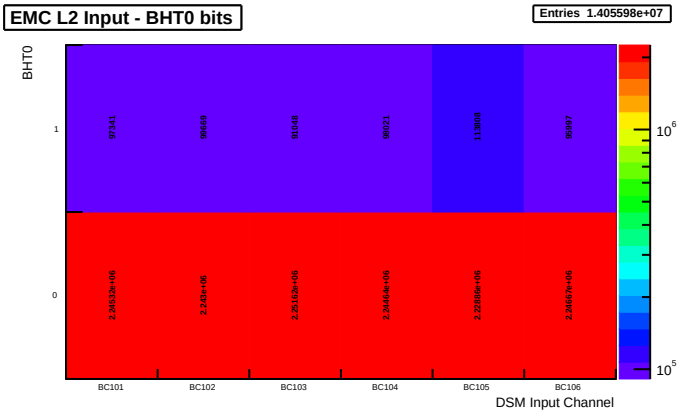

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

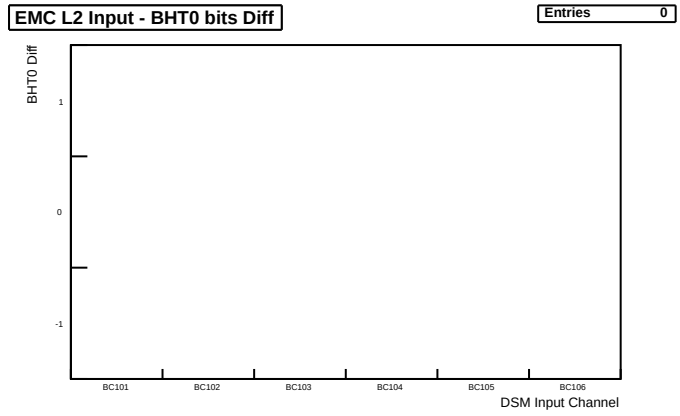

EMC L2 Input - JPZ/JPC bits
Entries 1.405598e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12430
9730
13828
12143
13352
11776
27930
24449
25409
28900
29969
25702
42942
42327
39218
44430
47810
40537
2.26018e+06
2.26516e+06
2.26621e+06
2.25909e+06
2.25192e+06
2.26465e+06

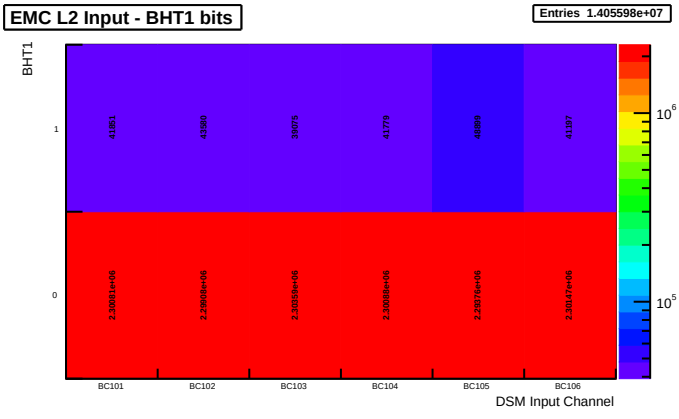

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

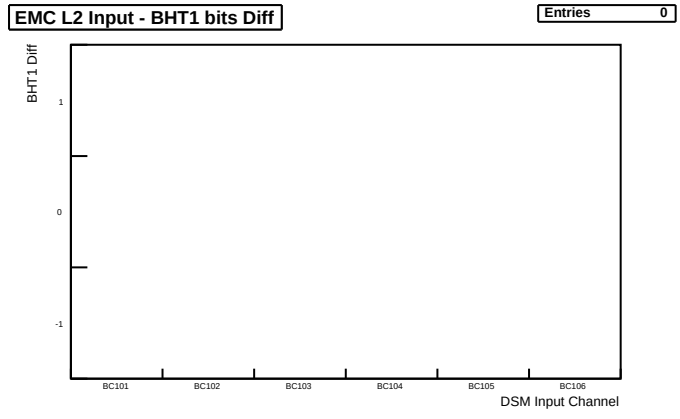

EMC L2 Input - Partial JP Sum
Entries 1.405598e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

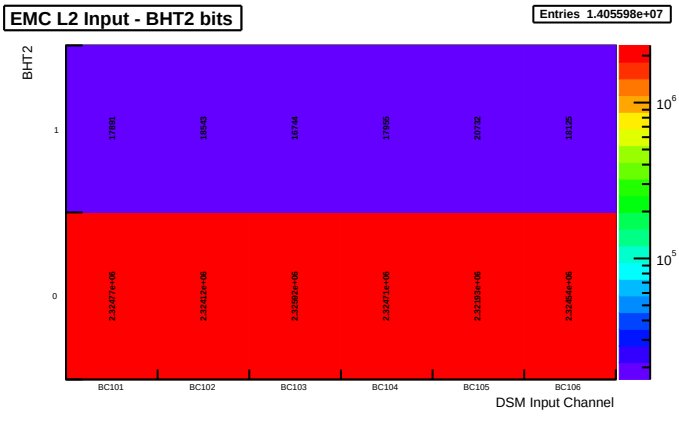

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

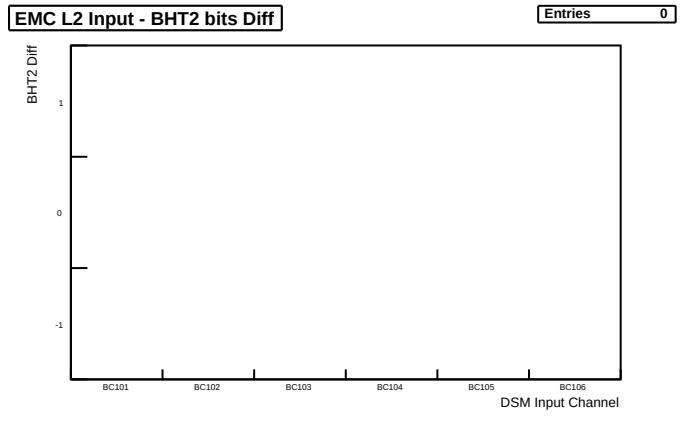

EMC L2 Input - BHT0 bits
Entries 1.405598e+07
BHT0
97541
99669
91048
98021
113938
95907
2.24532e+06
2.249e+06
2.25162e+06
2.24464e+06
2.22886e+06
2.24667e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

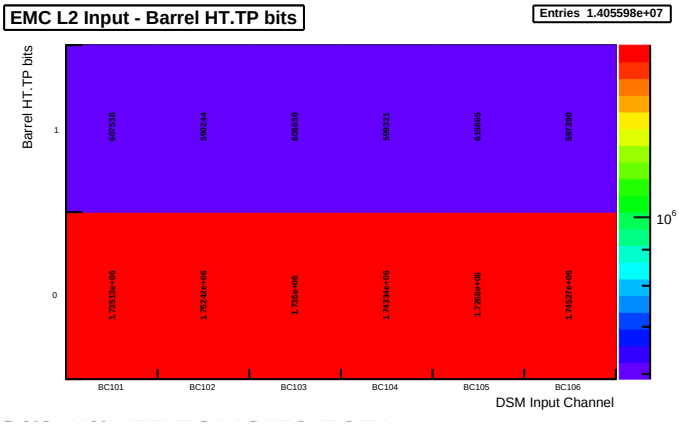

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

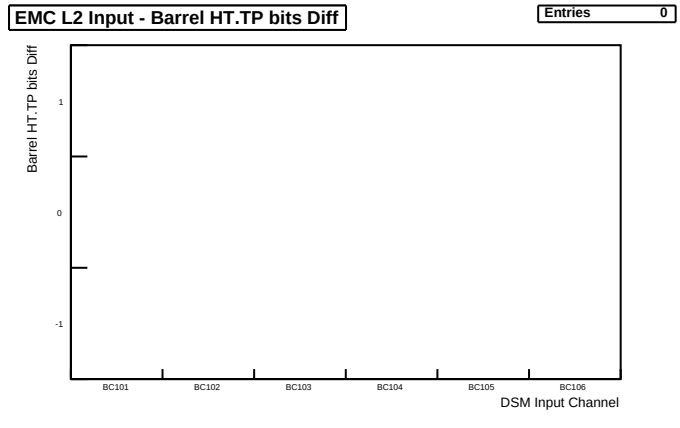

EMC L2 Input - BHT1 bits
Entries 1.405598e+07
BHT1
41651
43980
39075
41779
43899
41197
2.30081e+06
2.29908e+06
2.30359e+06
2.30088e+06
2.29976e+06
2.30147e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

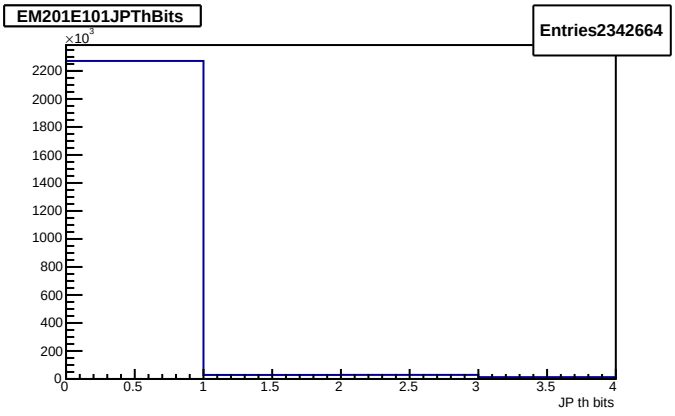

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

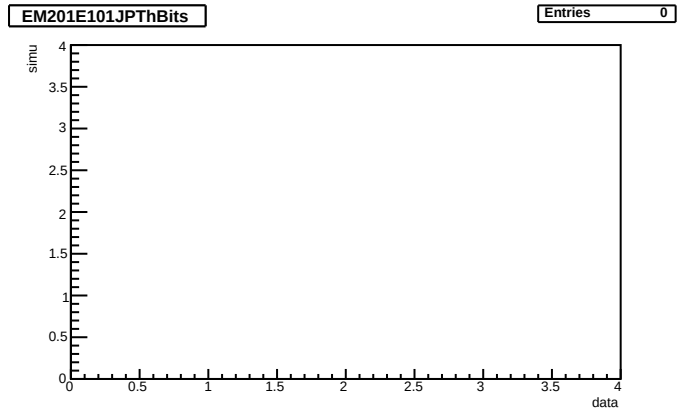

EMC L2 Input - BHT2 bits
Entries 1.405598e+07
BHT2
17891
18543
16744
17955
20732
18125
2.32477e+06
2.32412e+06
2.32592e+06
2.32471e+06
2.32193e+06
2.32654e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

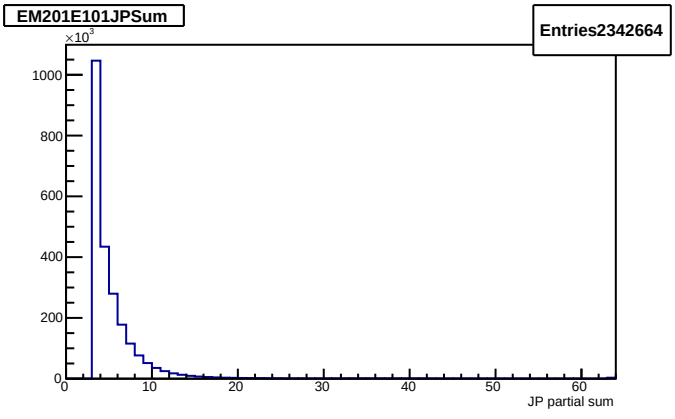

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

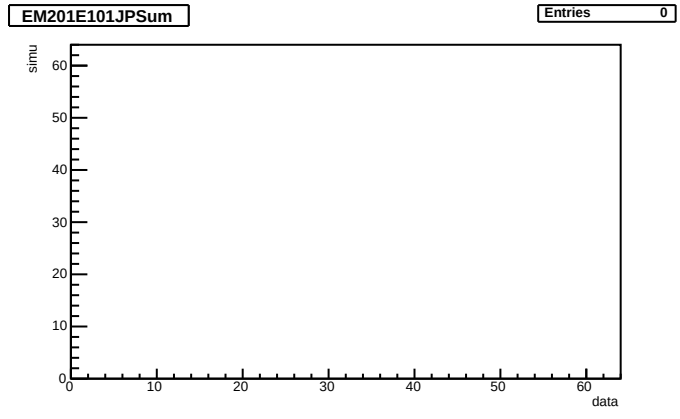

EMC L2 Input - Barrel HT.TP bits
Entries 1.405598e+07
Barrel HT.TP bits
607538
592244
606659
593121
615955
597380
1.75513e+06
1.75242e+06
1.756e+06
1.74334e+06
1.7288e+06
1.74527e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

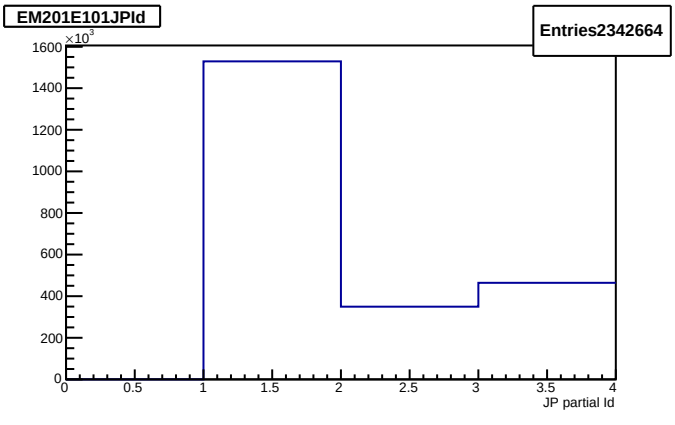

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

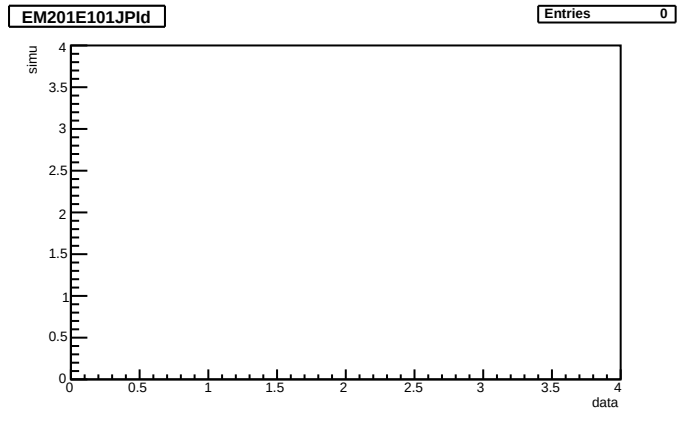

EM201E101JPThBits
Entries2342664
JP th bits

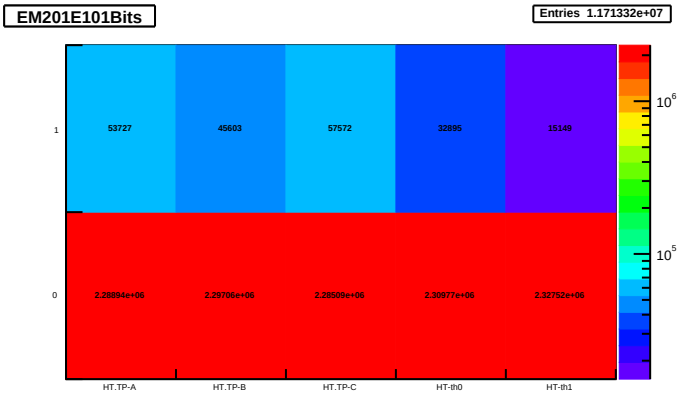

EM201E101JPThBits
Entries 0
simu
data

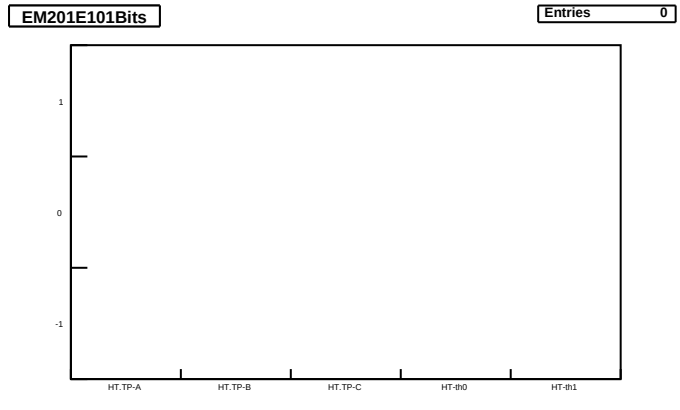

EM201E101JPSum
Entries2342664
JP partial sum

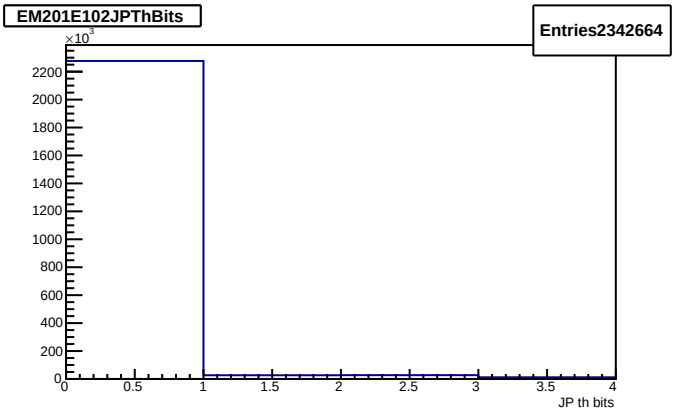

EM201E101JPSum
Entries 0
simu
data

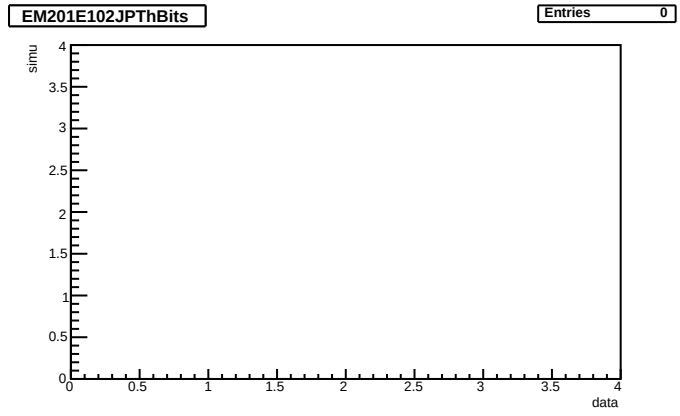

EM201E101JPId
Entries2342664
JP partial Id

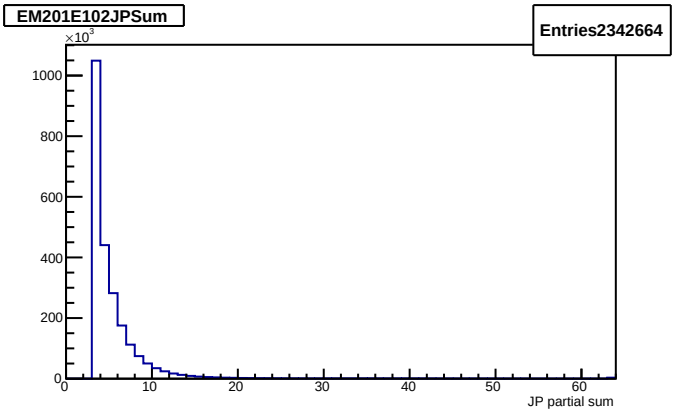

EM201E101JPId
Entries 0
simu
data

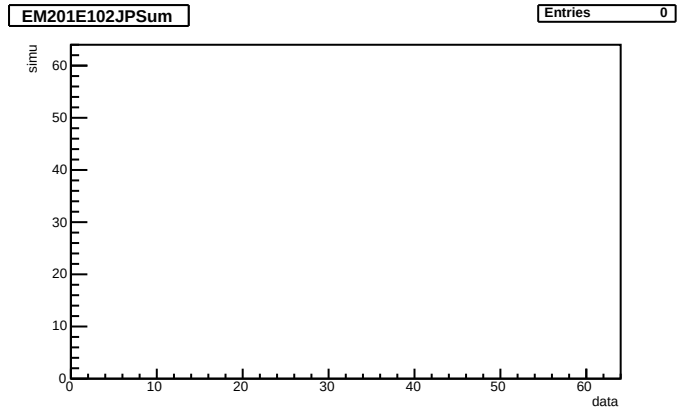

EM201E101Bits
Entries 1.171332e+07
53727
45603
57572
32895
15149
2.28894e+06
2.29706e+06
2.28509e+06
2.30977e+06
2.32752e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

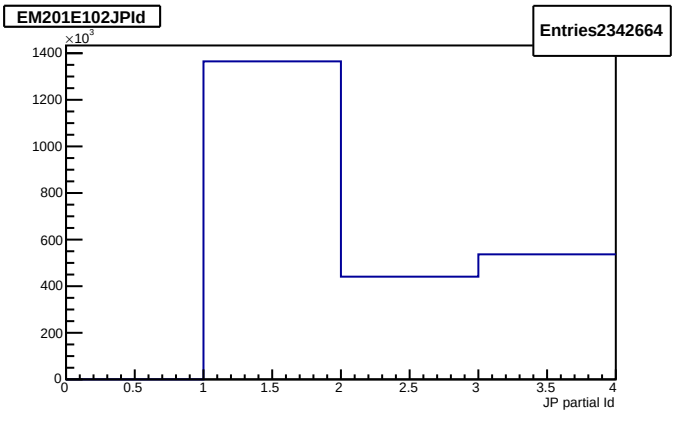

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

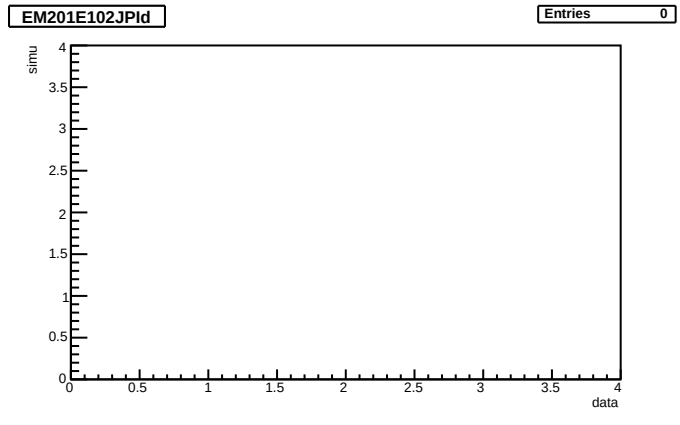

EM201E102JPThBits
Entries2342664
×10^3
JP th bits

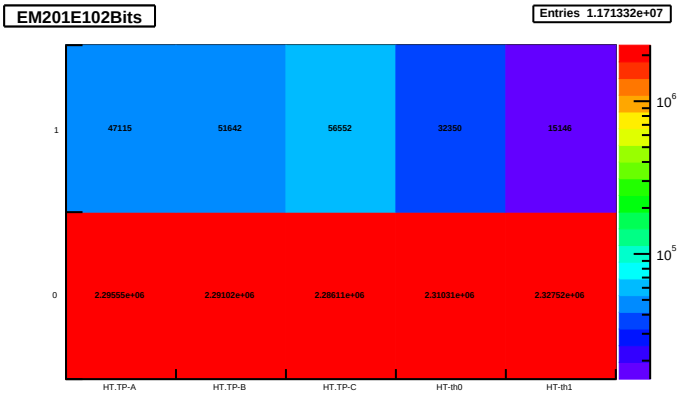

EM201E102JPThBits
Entries 0
simu
data

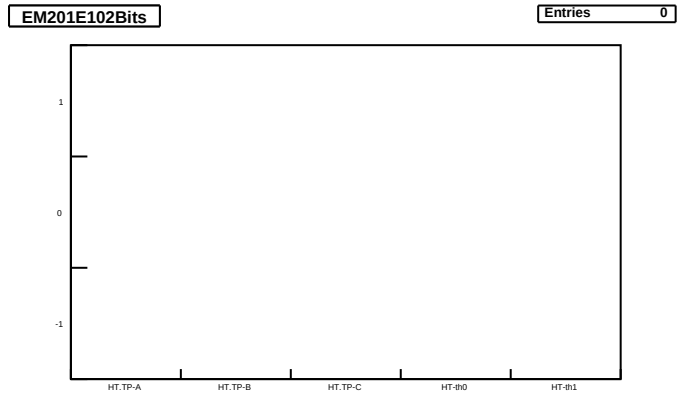

EM201E102JPSum
Entries2342664
×10^3
JP partial sum

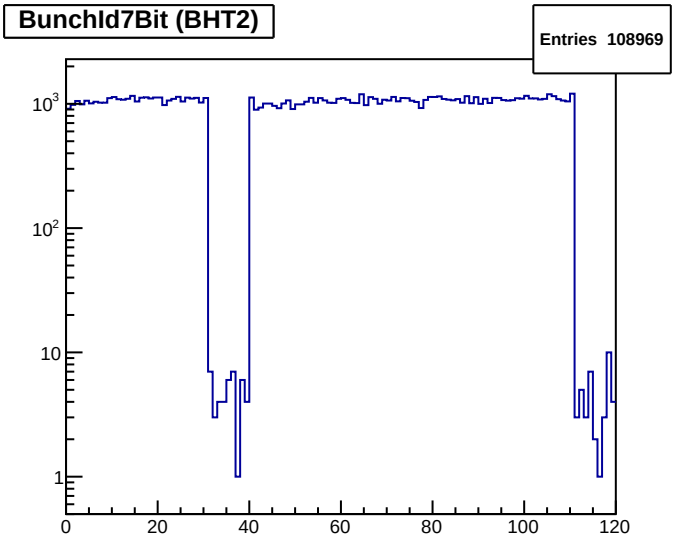

EM201E102JPSum
Entries 0
simu
data

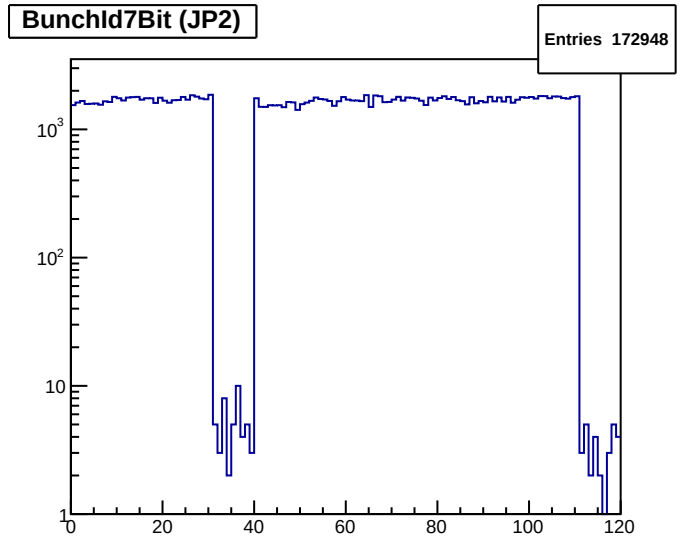

EM201E102JPId
Entries2342664
×10^3
JP partial Id

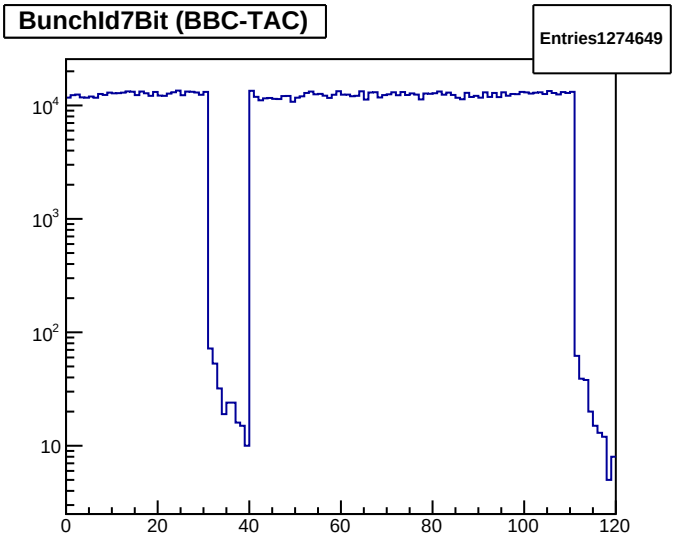

EM201E102JPId
Entries 0
simu
data

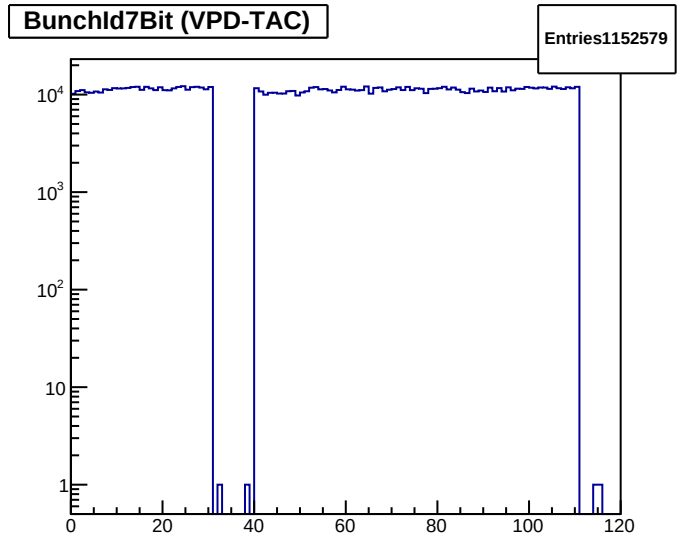

EM201E102Bits
Entries 1.171332e+07
47115
51642
56552
32350
15146
2.29555e+06
2.29102e+06
2.28611e+06
2.31031e+06
2.32752e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

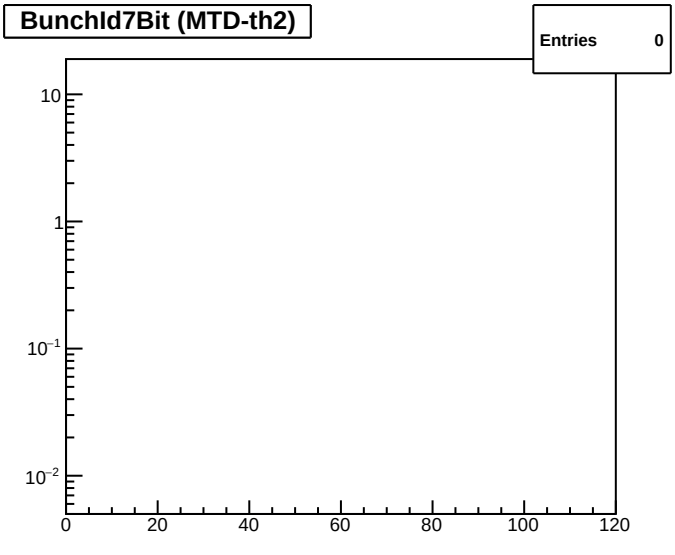

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

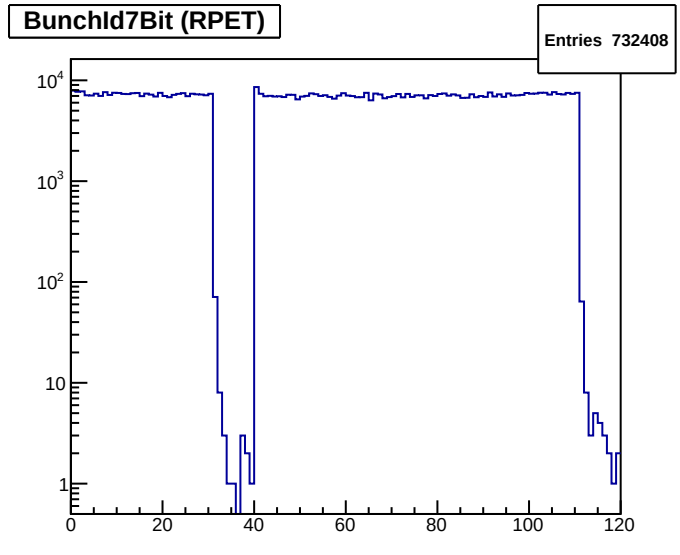

BunchId7Bit (BHT2)
Entries 108969

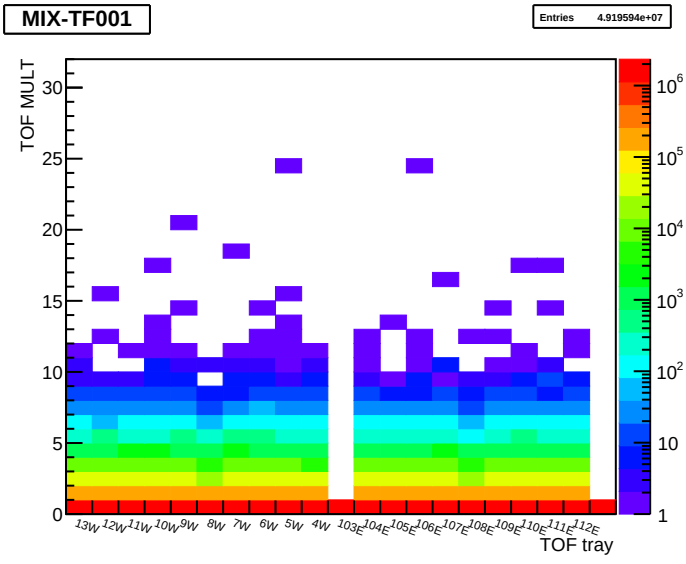

BunchId7Bit (JP2)
Entries 172948

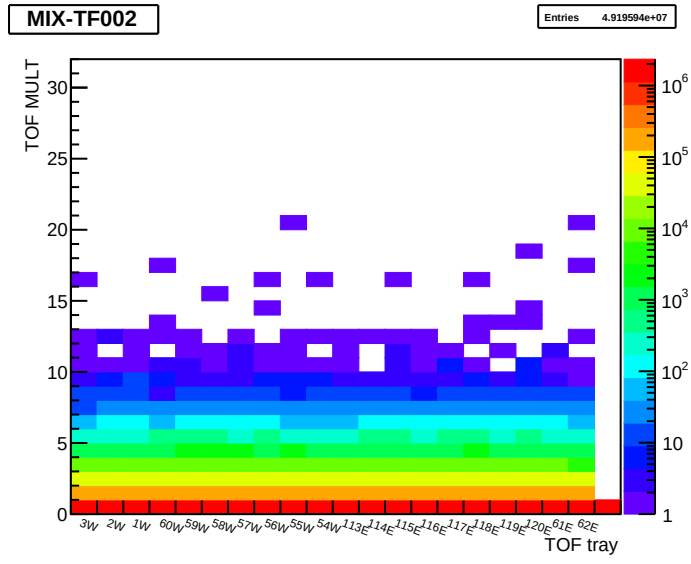

BunchId7Bit (BBC-TAC)
Entries1274649

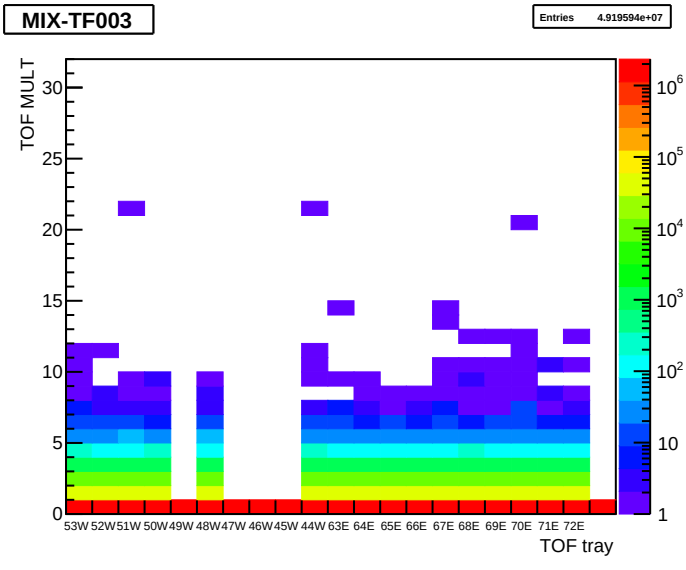

BunchId7Bit (VPD-TAC)
Entries1152579

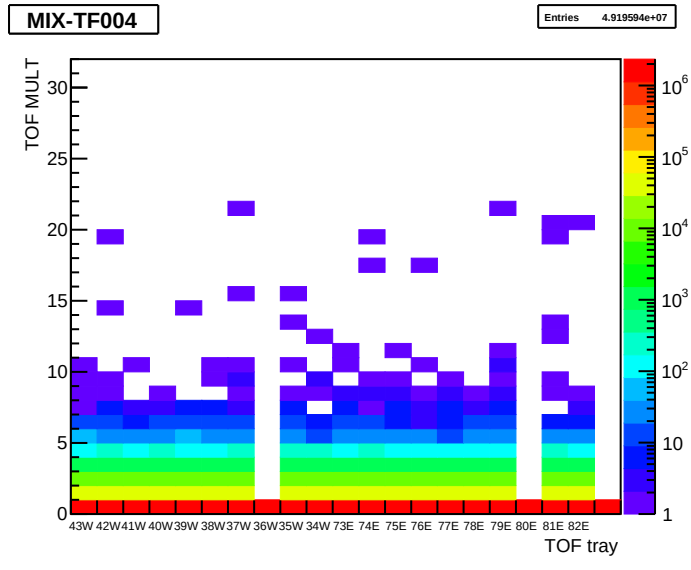

BunchId7Bit (MTD-th2)
Entries 0

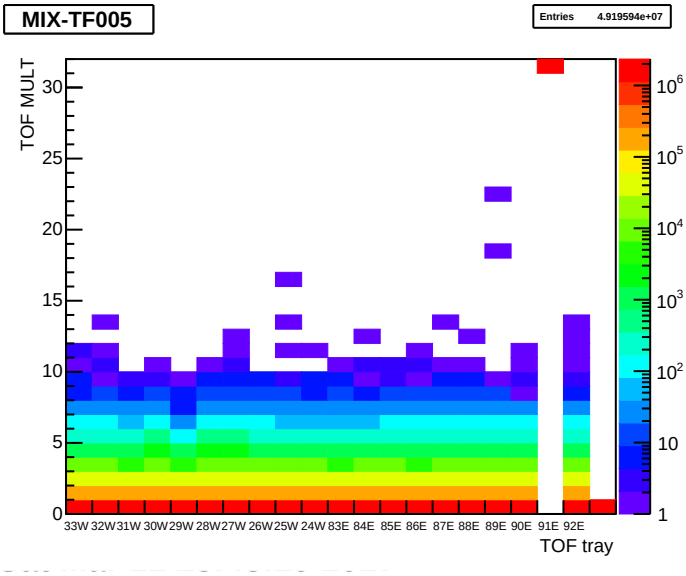

BunchId7Bit (RPET)
Entries 732408

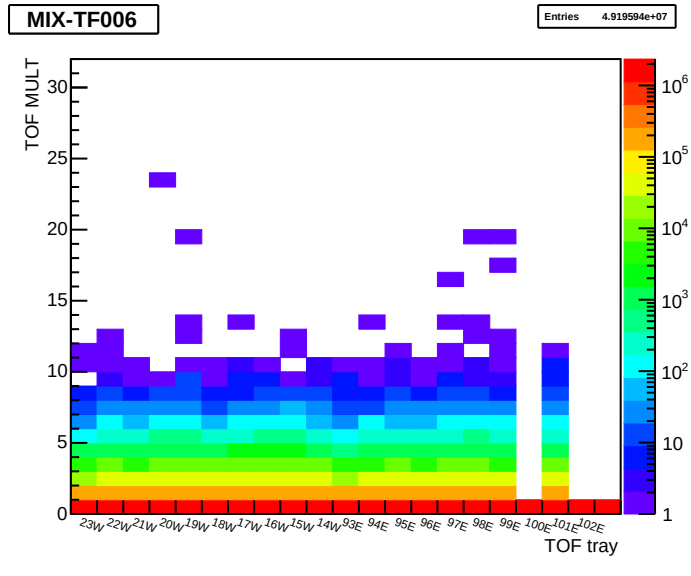

MIX-TF001
Entries 4.919594e+07
TOF MULT
TOF tray

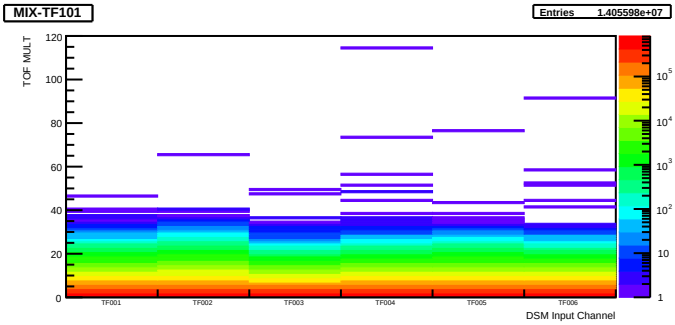

MIX-TF002
Entries 4.919594e+07
TOF MULT
TOF tray

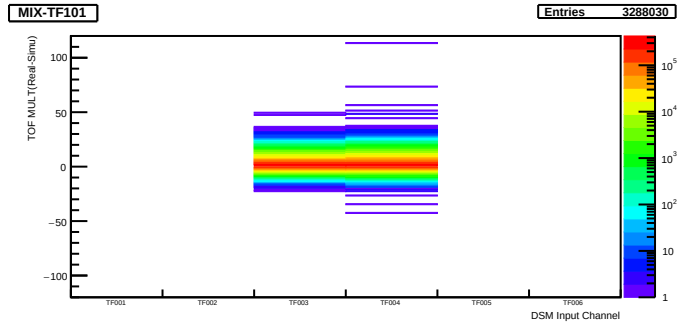

MIX-TF003
Entries 4.919594e+07
TOF MULT
TOF tray

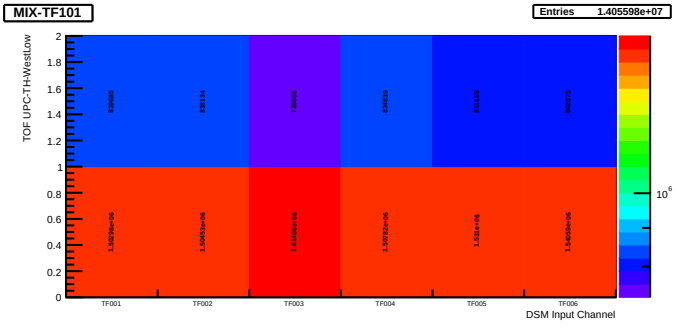

MIX-TF004
Entries 4.919594e+07
TOF MULT
TOF tray

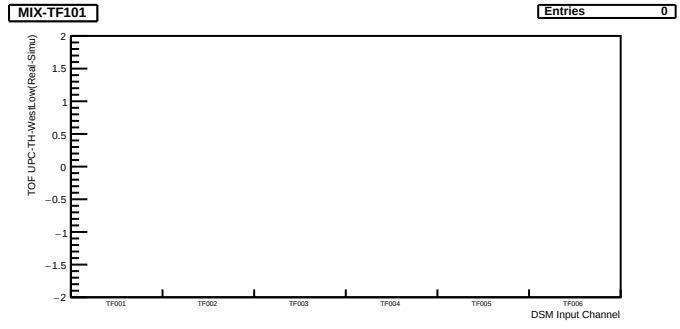

MIX-TF005
Entries 4.919594e+07
TOF MULT
TOF tray

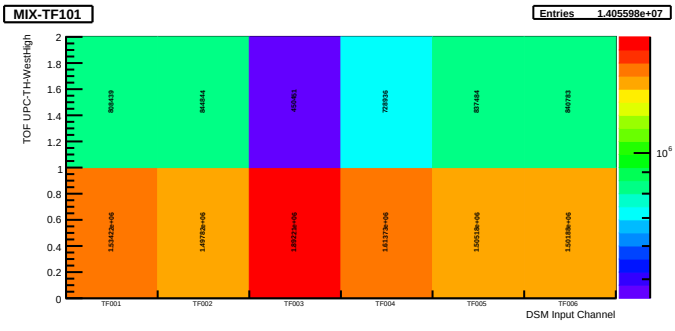

MIX-TF006
Entries 4.919594e+07
TOF MULT
TOF tray

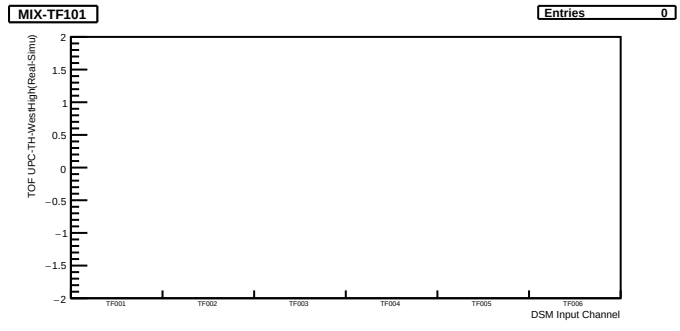

MIX-TF101
Entries 1.405598e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

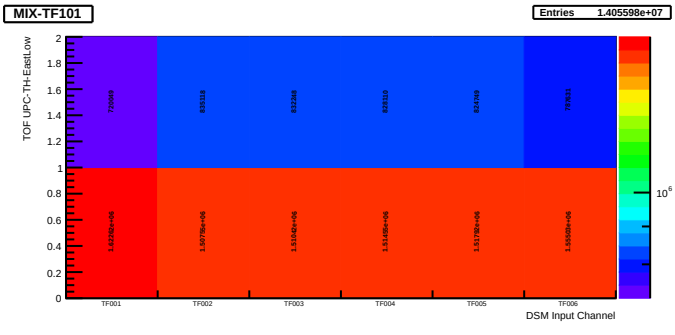

MIX-TF101
Entries 3288030
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

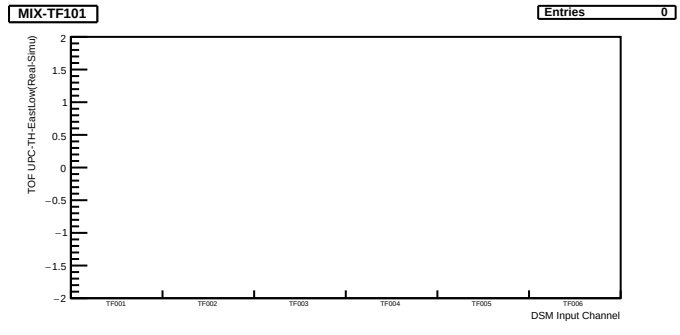

MIX-TF101
Entries 1.405598e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

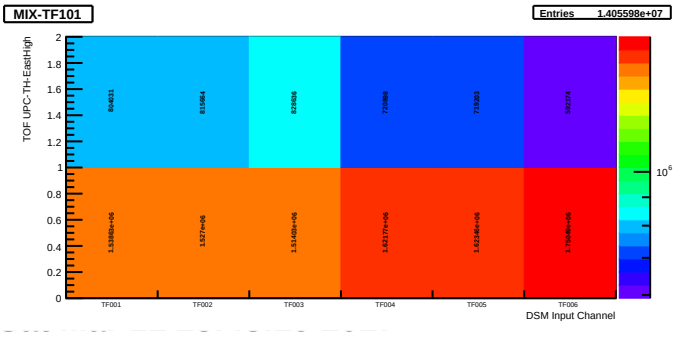

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

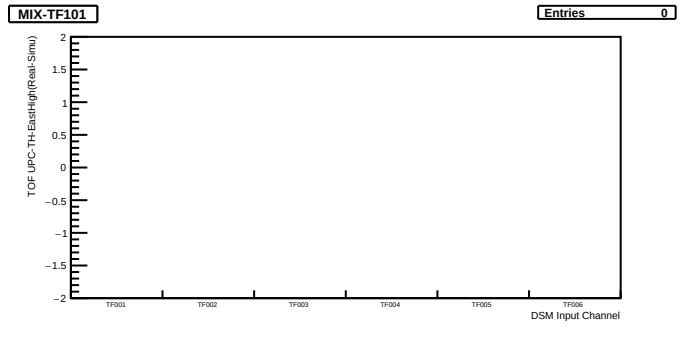

MIX-TF101
Entries 1.405598e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

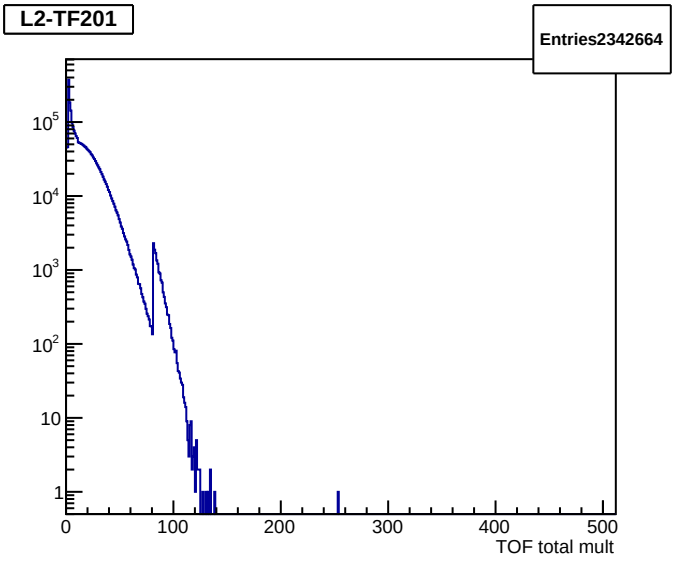

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

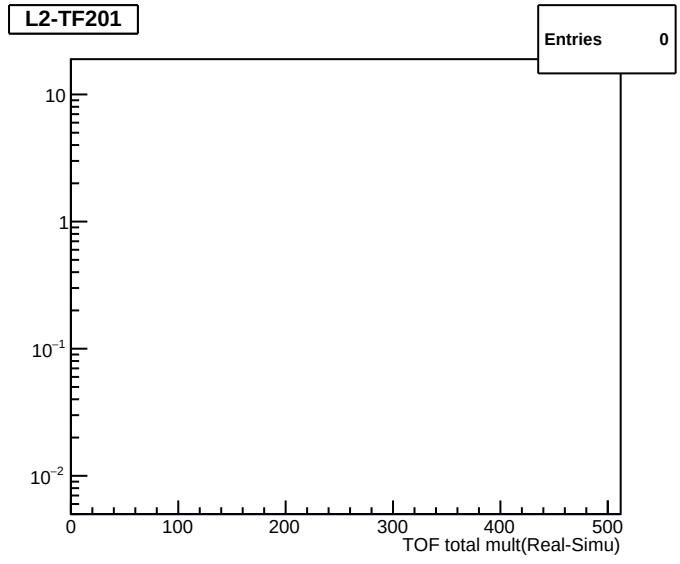

MIX-TF101
Entries 1.405598e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

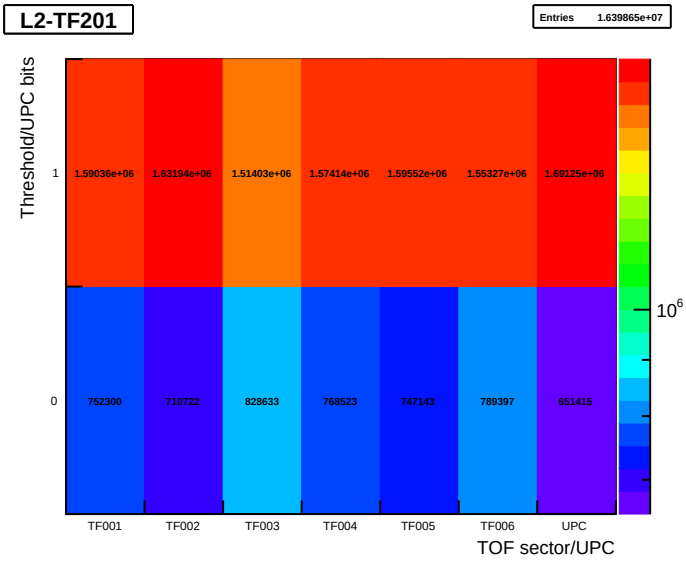

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

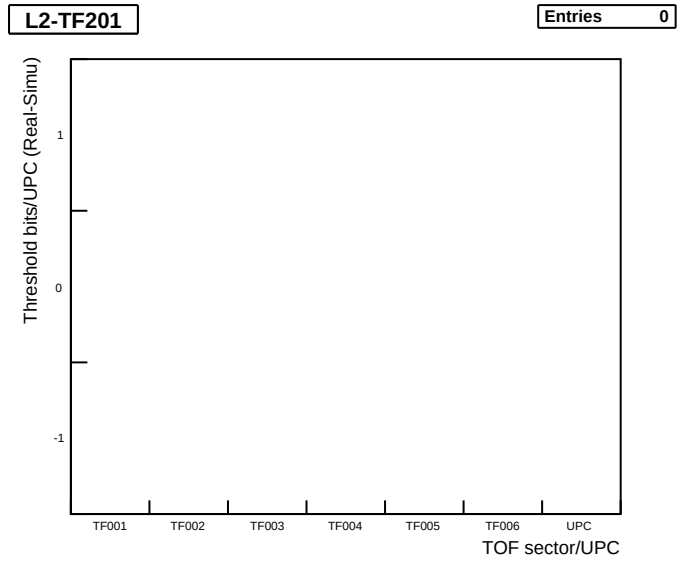

MIX-TF101
Entries 1.405598e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

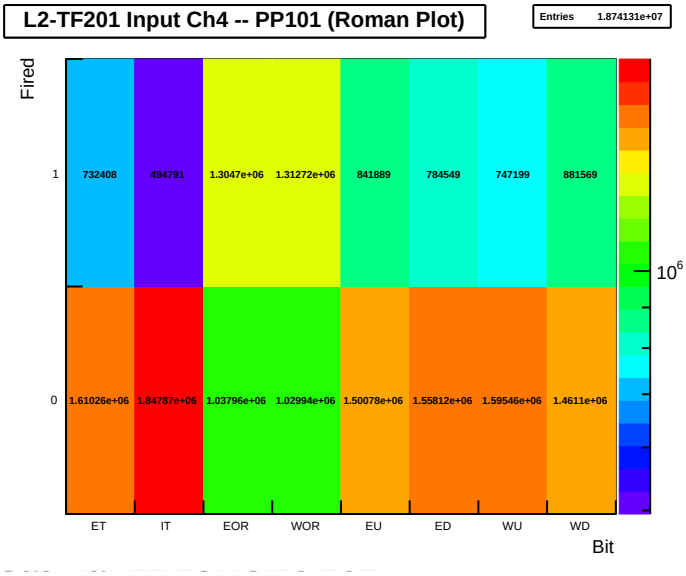

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

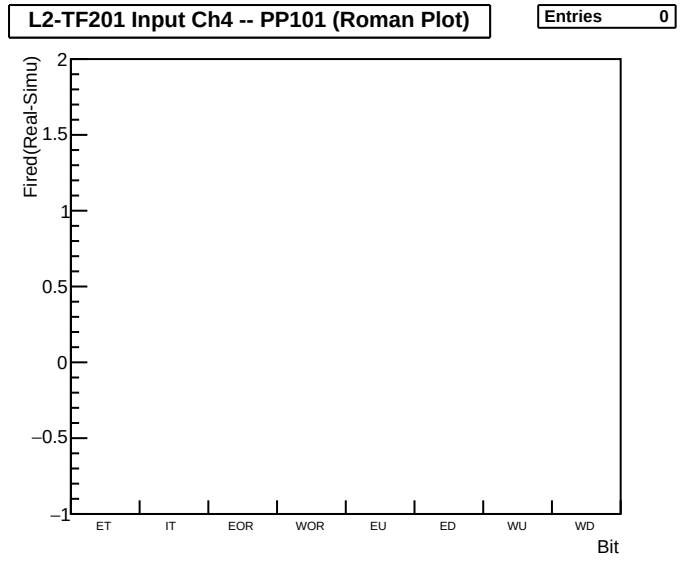

L2-TF201
Entries2342664
TOF total mult

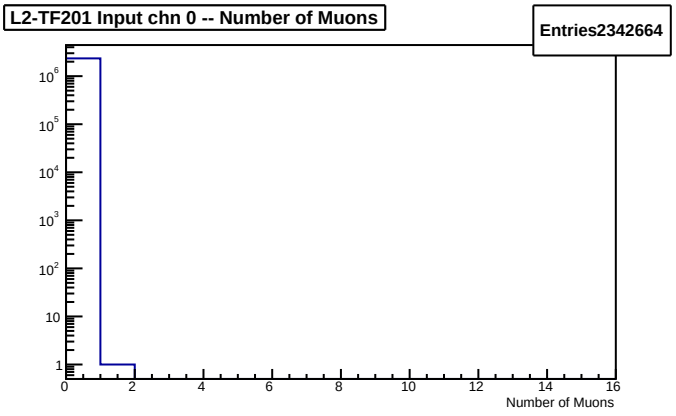

L2-TF201
Entries 0
TOF total mult(Real-Simu)

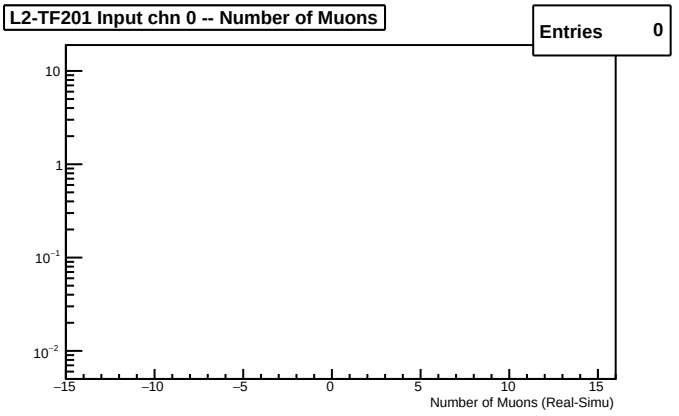

L2-TF201
Entries 1.639865e+07
Threshold/UPC bits
1.59036e+06
1.63194e+06
1.51403e+06
1.57414e+06
1.59552e+06
1.55327e+06
1.69125e+06
752300
710722
828633
768523
747143
789397
651415
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

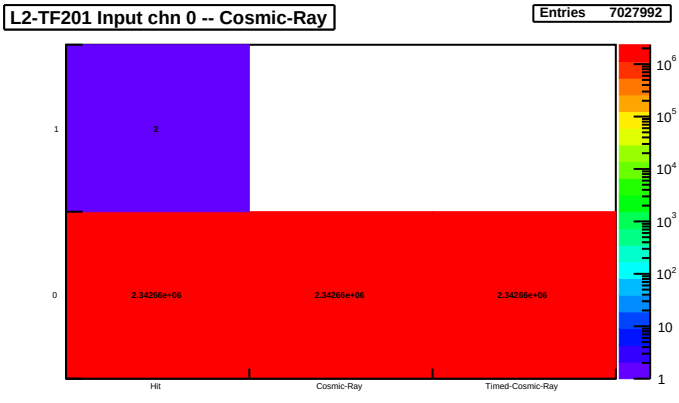

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

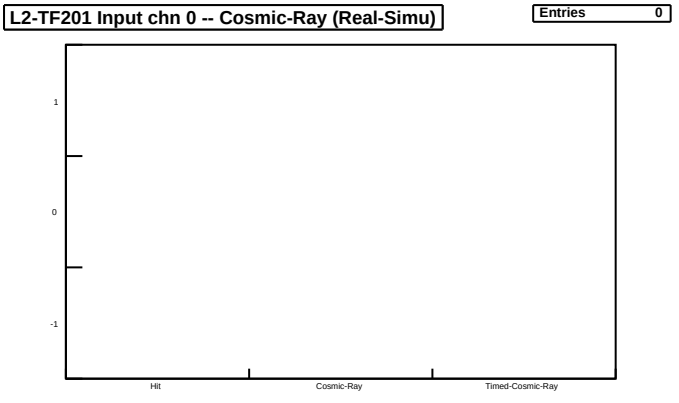

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.874131e+07
Fired
732408
494791
1.3047e+06
1.31272e+06
841889
784549
747199
881569
1.61026e+06
1.84787e+06
1.03796e+06
1.02994e+06
1.50078e+06
1.55812e+06
1.59546e+06
1.4611e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

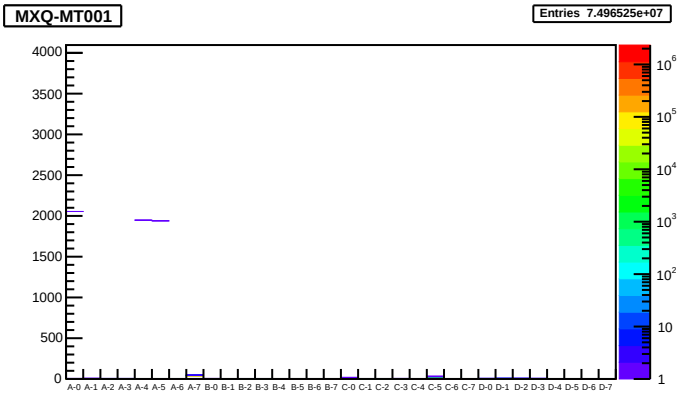

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

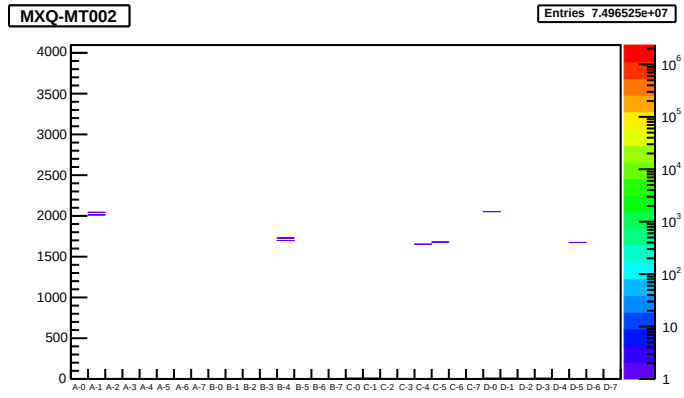

L2-TF201 Input chn 0 -- Number of Muons
Entries2342664
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7027992
2
2.34266e+06
2.34266e+06
2.34266e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray


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


MXQ-MT001
Entries 7.496525e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 7.496525e+07
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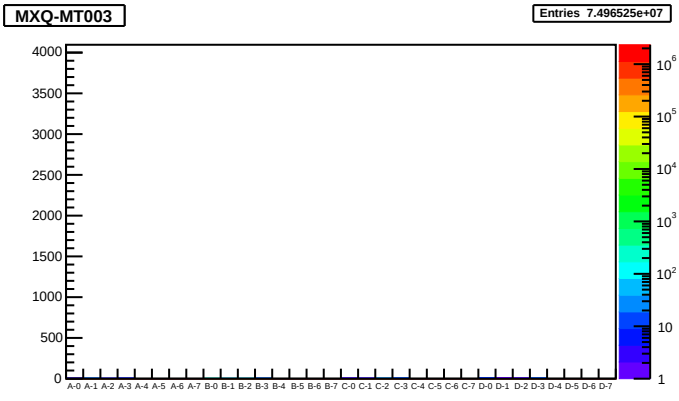
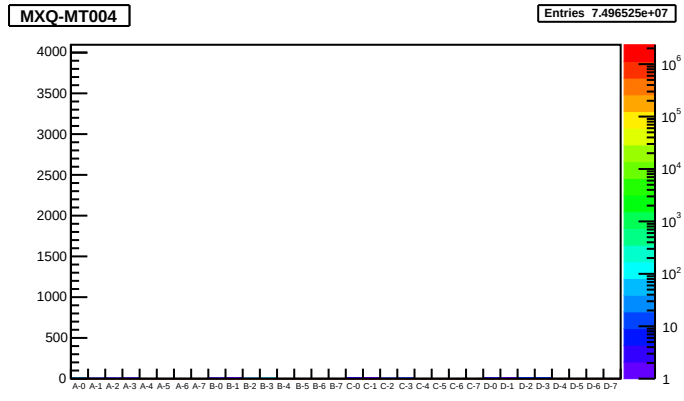
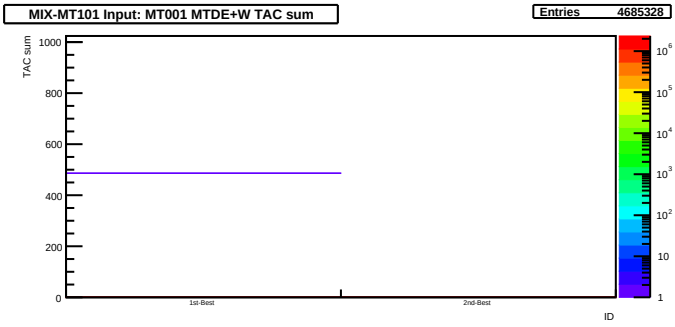
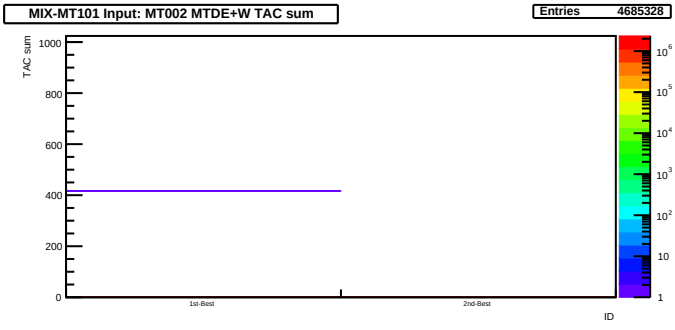
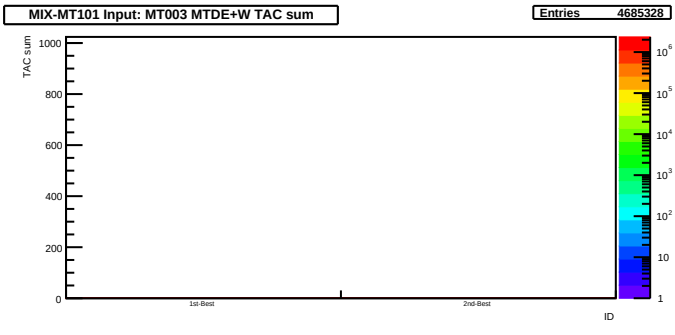
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

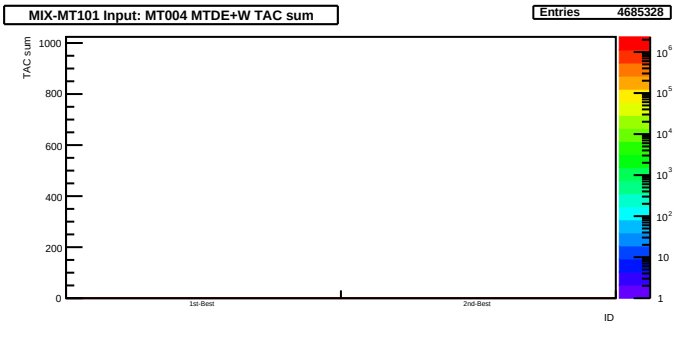

MXQ-MT003
Entries 7.496525e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

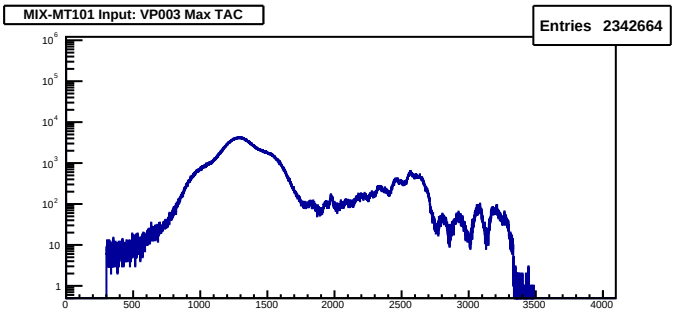

MXQ-MT004
Entries 7.496525e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

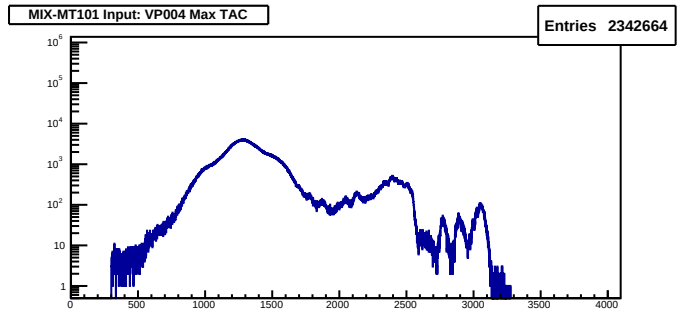

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4685328
TAC sum
1st-Best
2nd-Best
ID

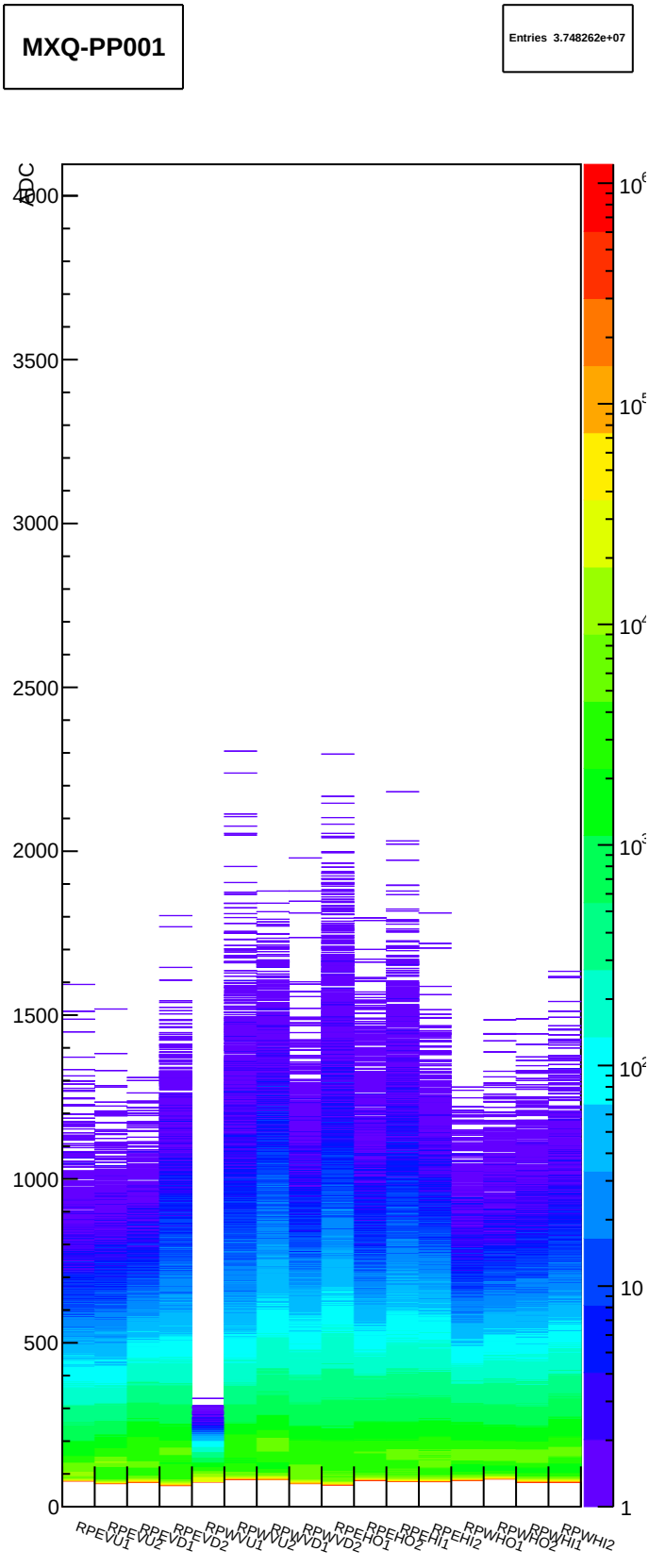

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4685328
TAC sum
1st-Best
2nd-Best
ID

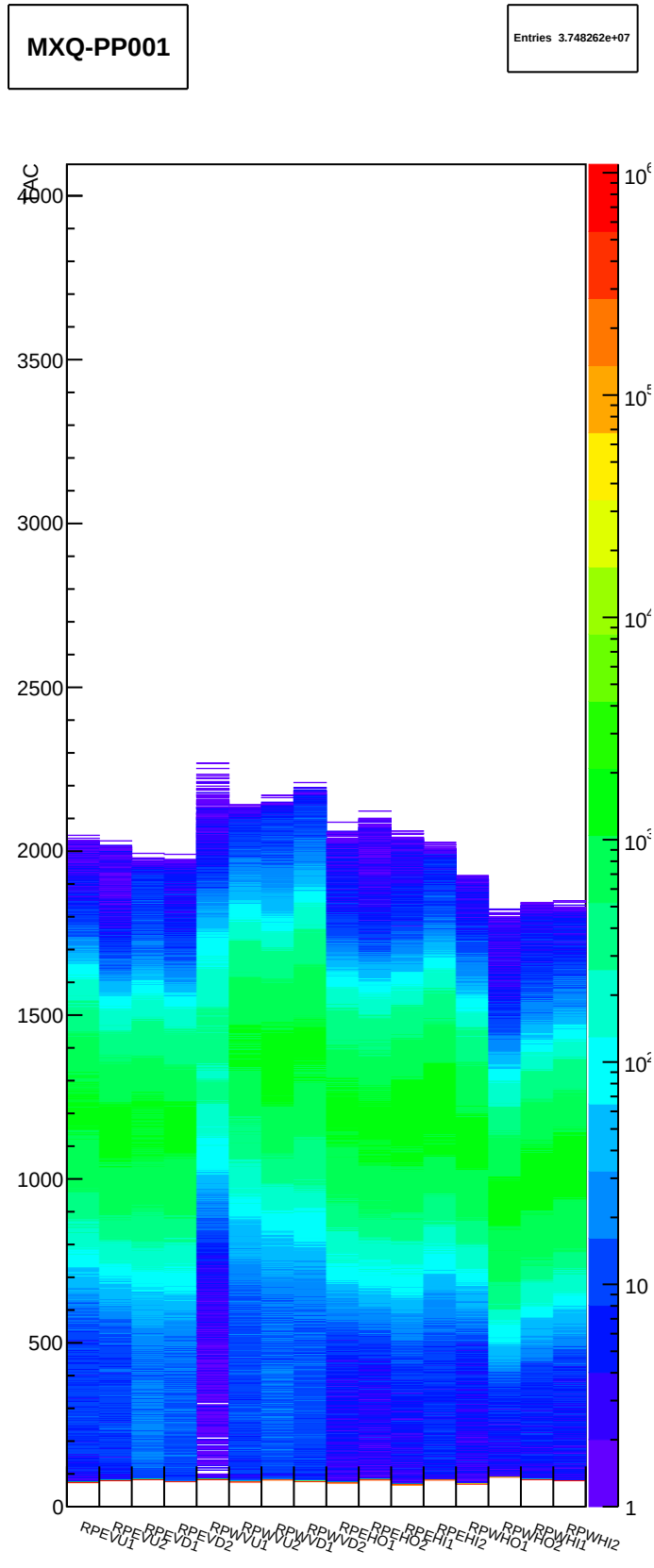

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4685328
TAC sum
1st-Best
2nd-Best
ID

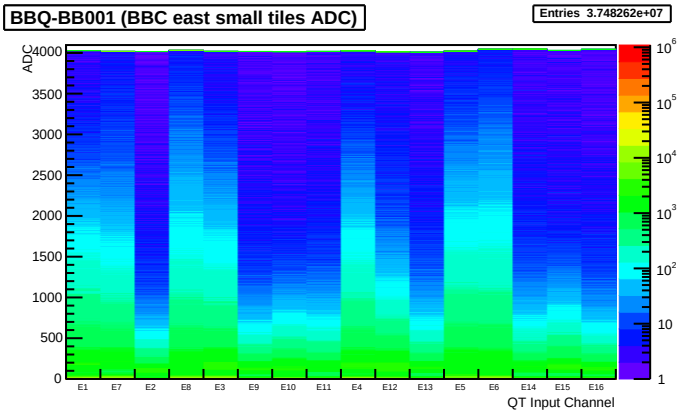

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4685328
TAC sum
1st-Best
2nd-Best
ID

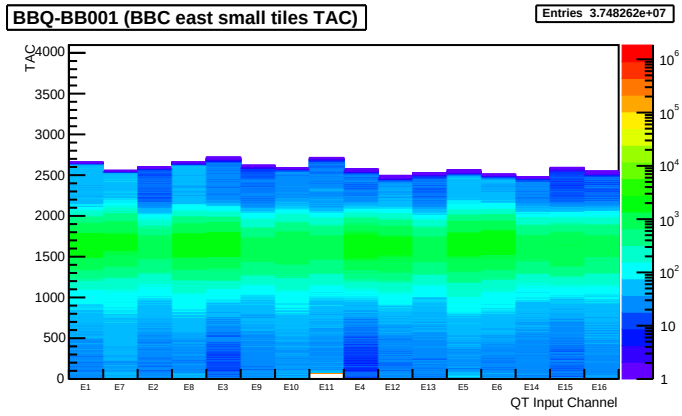

MIX-MT101 Input: VP003 Max TAC
Entries 2342664

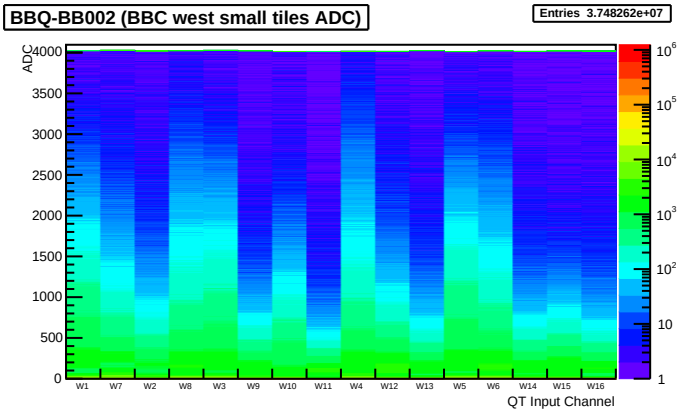

MIX-MT101 Input: VP004 Max TAC
Entries 2342664

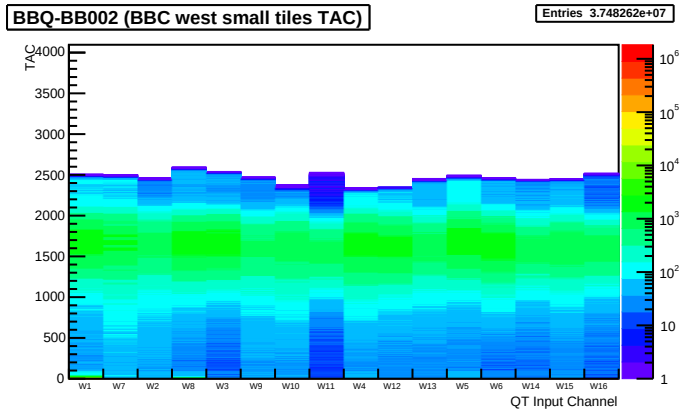

MXQ-PP001
Entries 3.748262e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

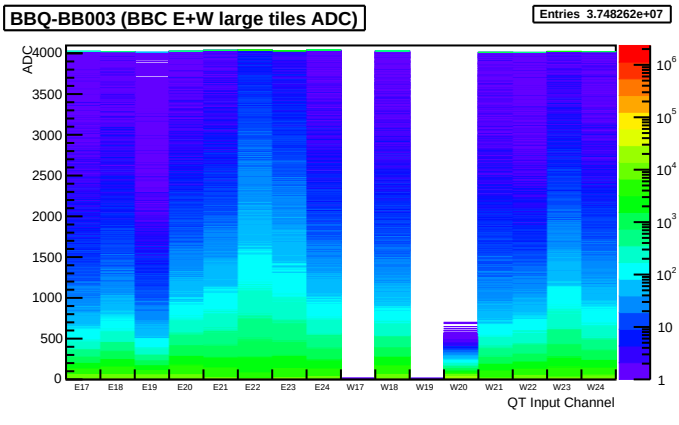

MXQ-PP001
Entries 3.748262e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

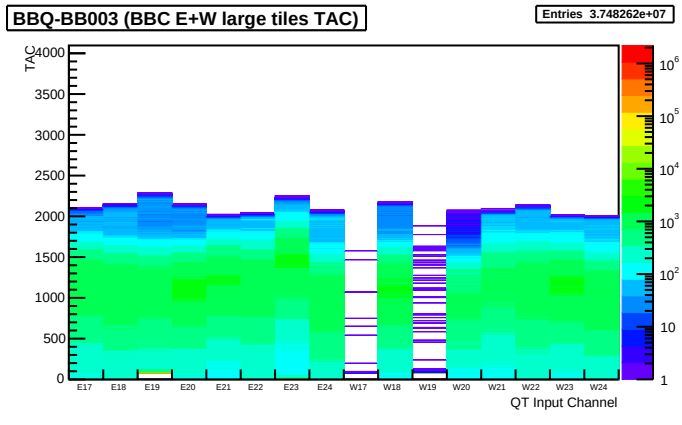

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.748262e+07
ADC
QT Input Channel

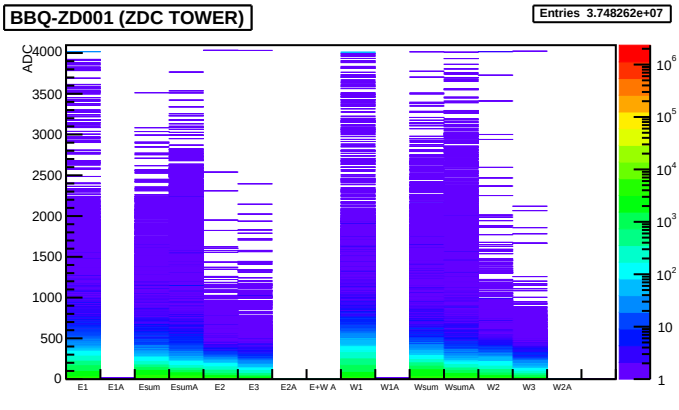

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.748262e+07
TAC
QT Input Channel

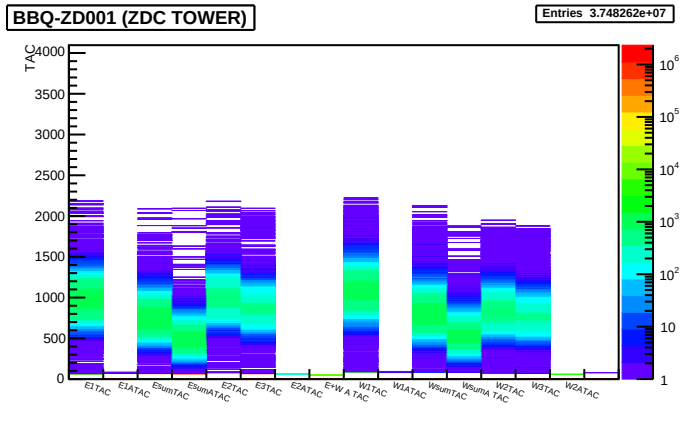

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.748262e+07
ADC
QT Input Channel

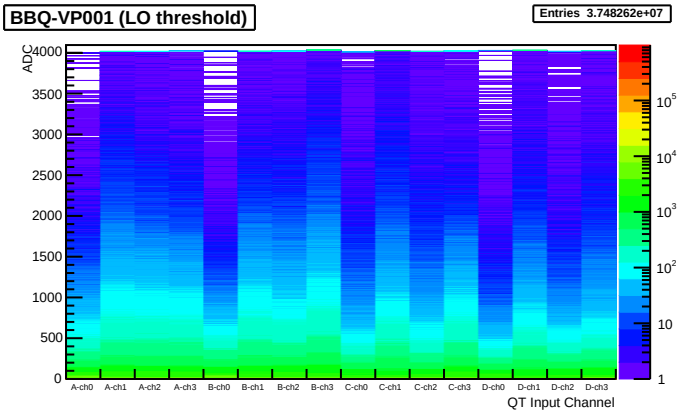

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.748262e+07
TAC
QT Input Channel

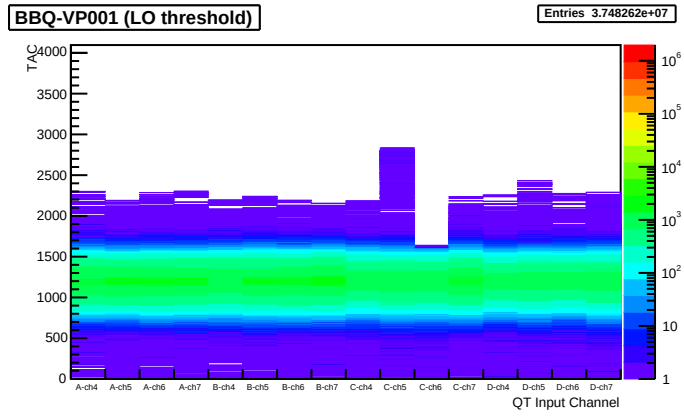

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.748262e+07
ADC
QT Input Channel

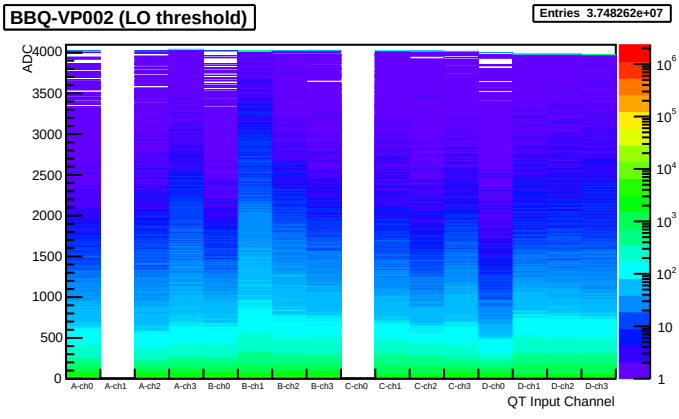

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.748262e+07
TAC
QT Input Channel

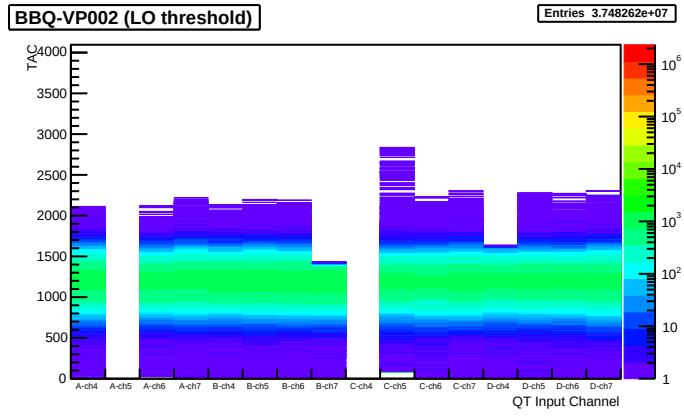

BBQ-ZD001 (ZDC TOWER)
Entries 3.748262e+07
ADC

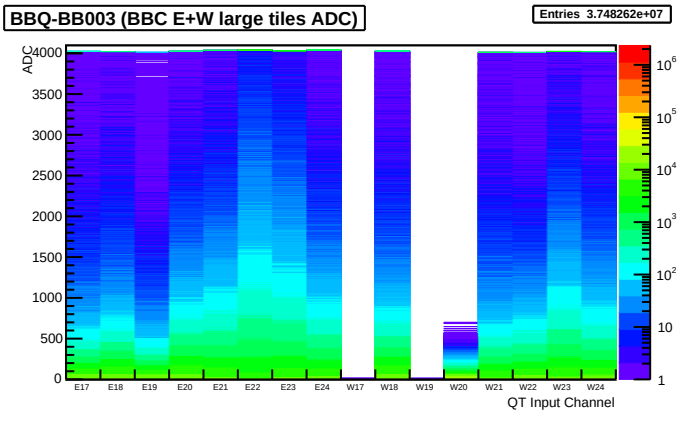

BBQ-ZD001 (ZDC TOWER)
Entries 3.748262e+07
TAC

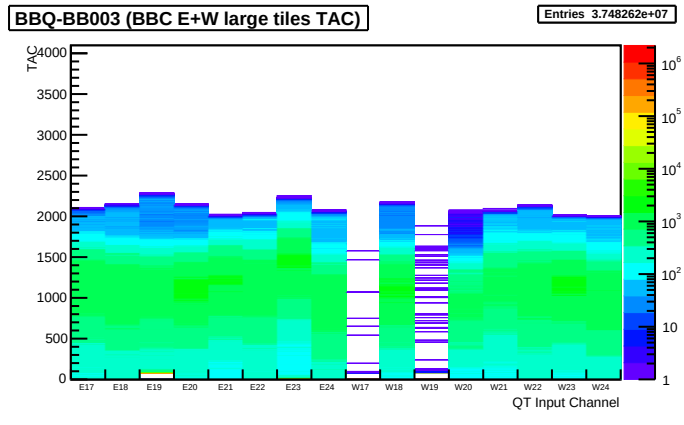

BBQ-VP001 (LO threshold)
Entries 3.748262e+07
ADC
QT Input Channel

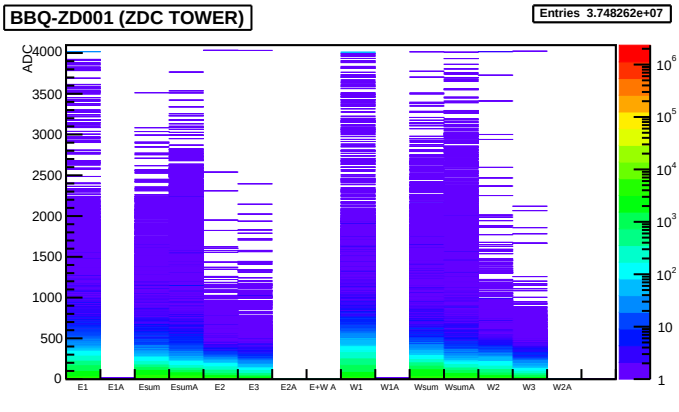

BBQ-VP001 (LO threshold)
Entries 3.748262e+07
TAC
QT Input Channel

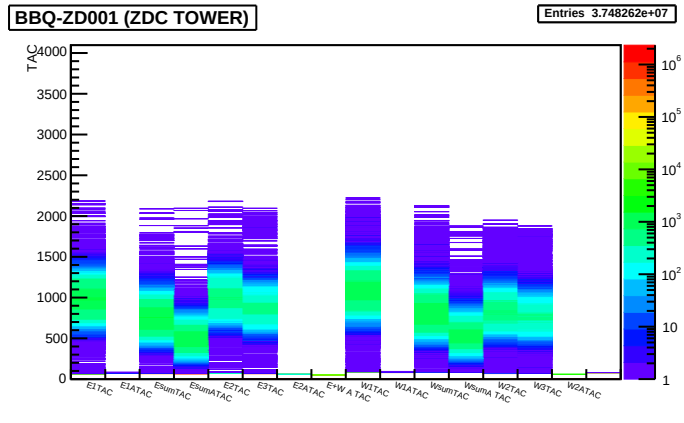

BBQ-VP002 (LO threshold)
Entries 3.748262e+07
ADC
QT Input Channel

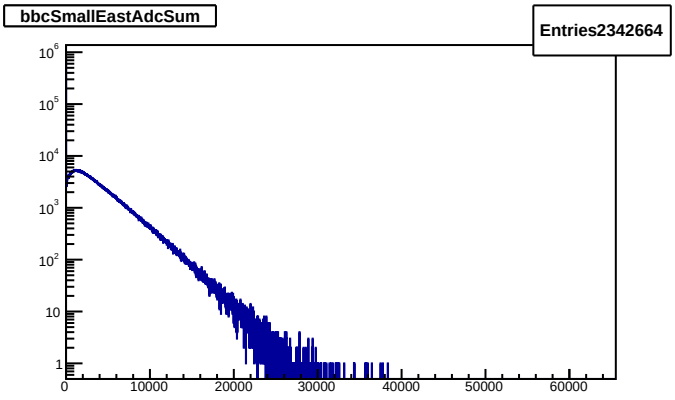

BBQ-VP002 (LO threshold)
Entries 3.748262e+07
TAC
QT Input Channel

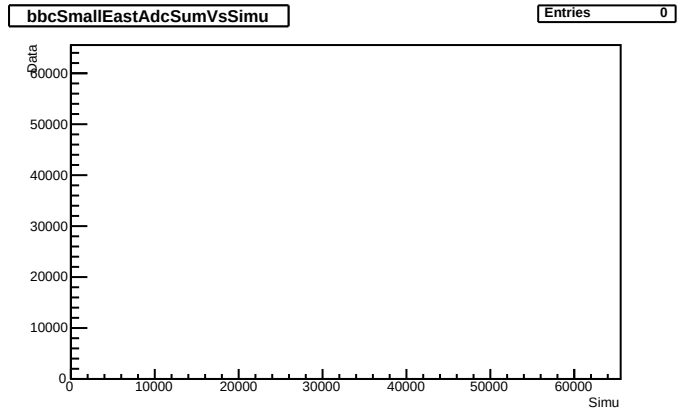

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.748262e+07
ADC
QT Input Channel

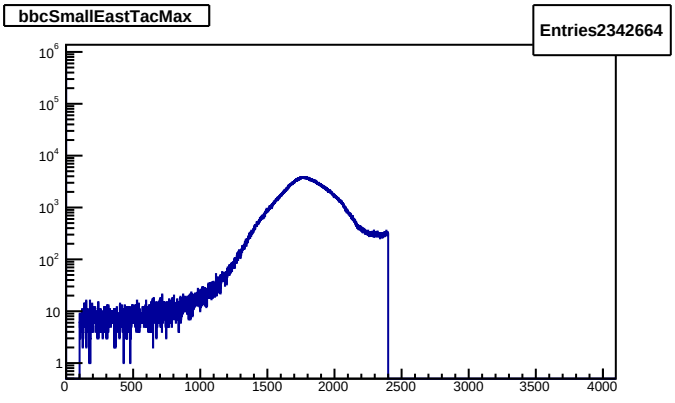

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.748262e+07
TAC
QT Input Channel

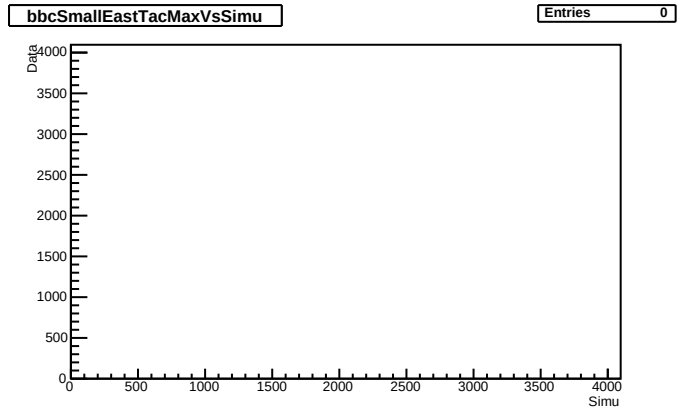

BBQ-ZD001 (ZDC TOWER)
Entries 3.748262e+07
ADC

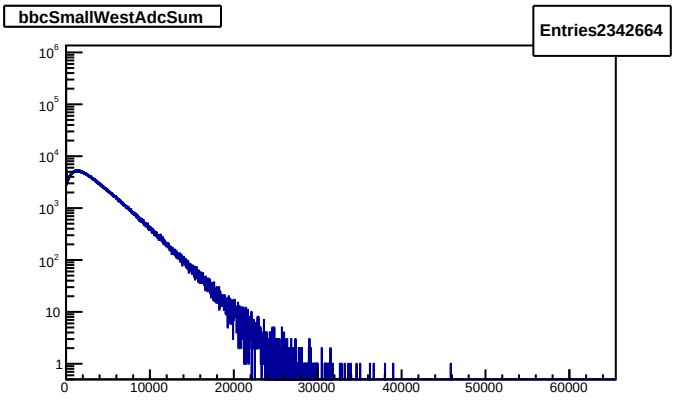

BBQ-ZD001 (ZDC TOWER)
Entries 3.748262e+07
TAC

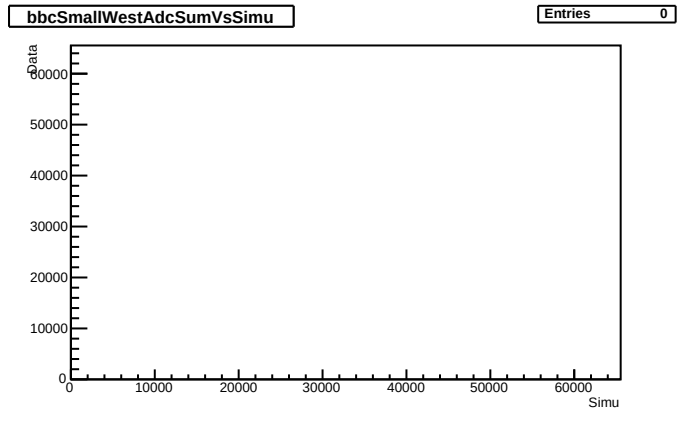

bbcSmallEastAdcSum
Entries2342664

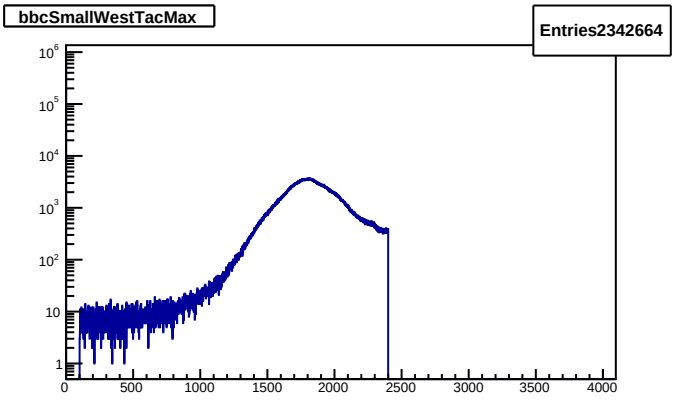

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

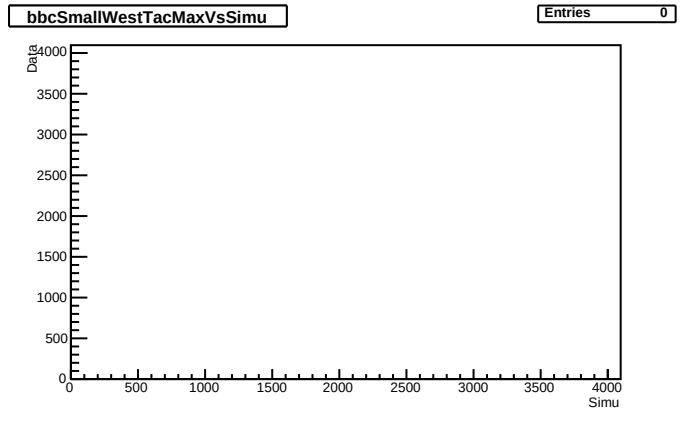

bbcSmallEastTacMax
Entries2342664

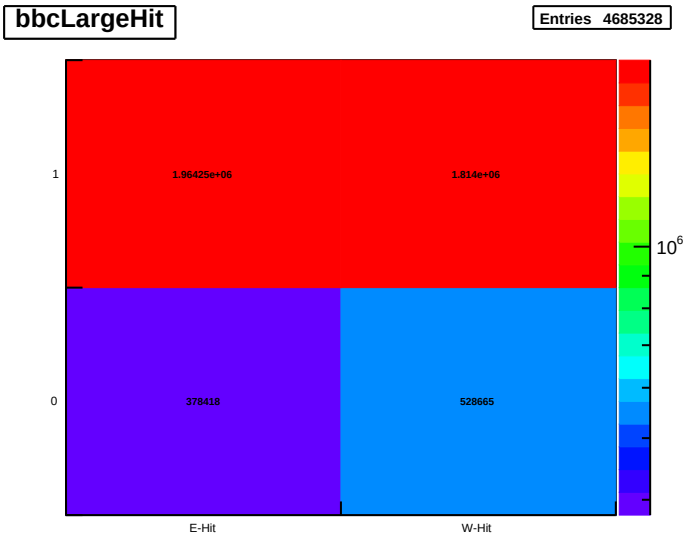

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

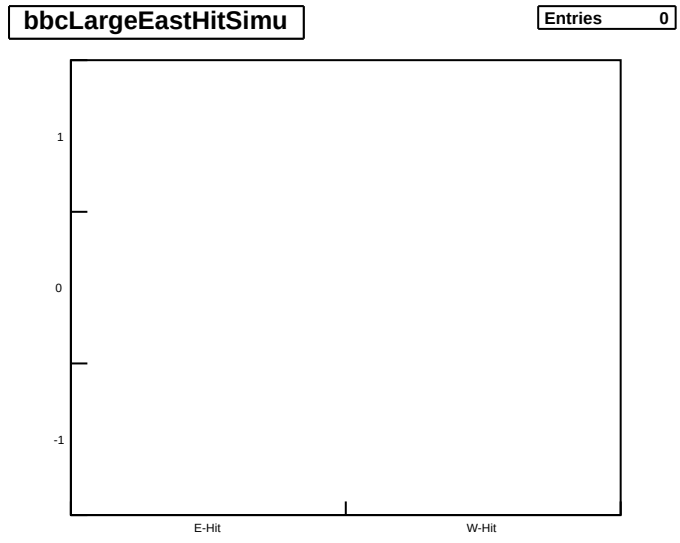

bbcSmallWestAdcSum
Entries2342664

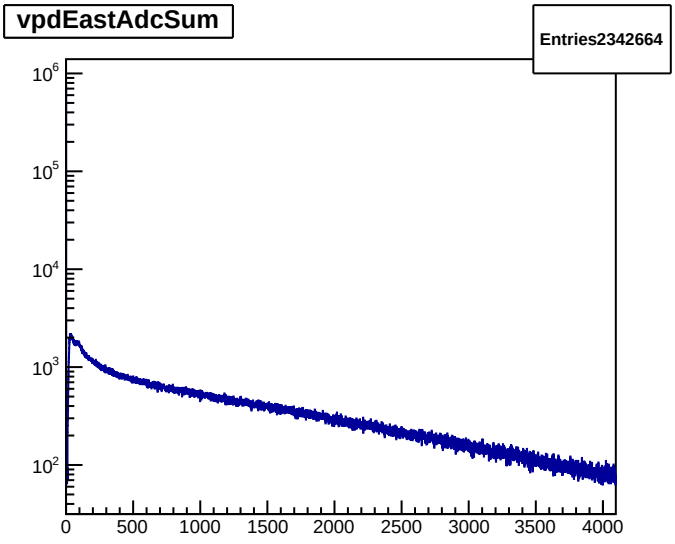

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

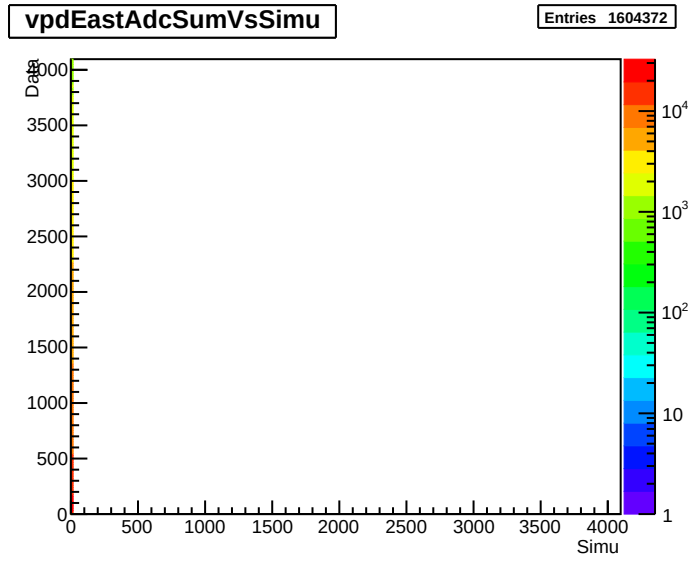

bbcSmallWestTacMax
Entries2342664

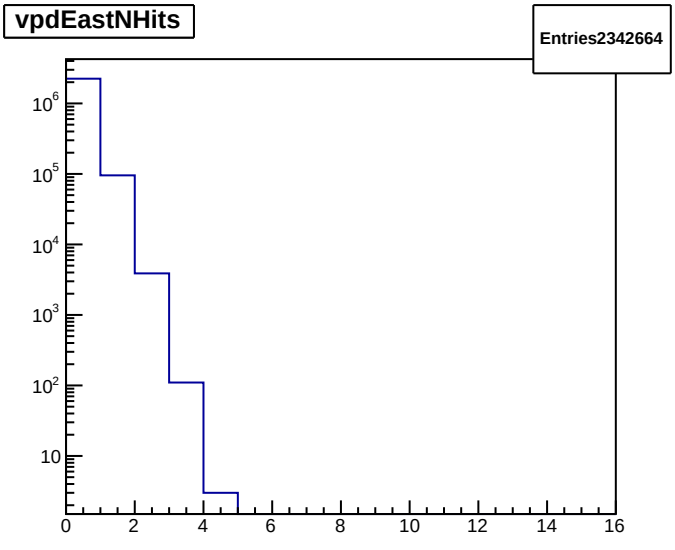

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

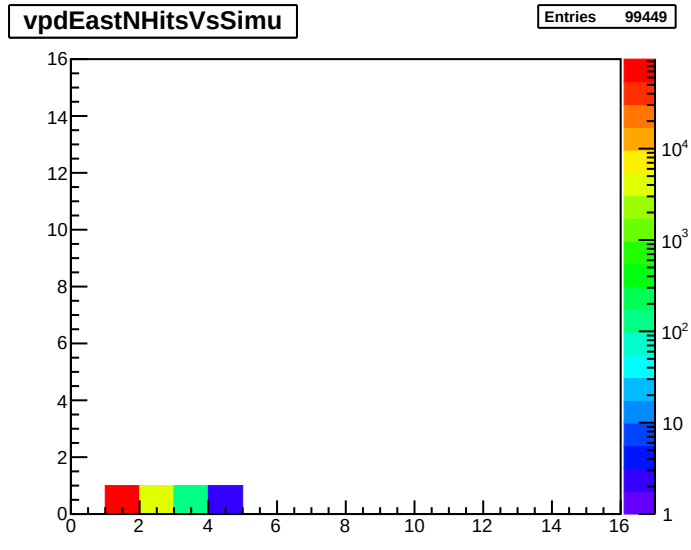

bbcLargeHit
Entries 4685328
1.96425e+06
1.814e+06
378418
528665
1
0
E-Hit
W-Hit
10^6

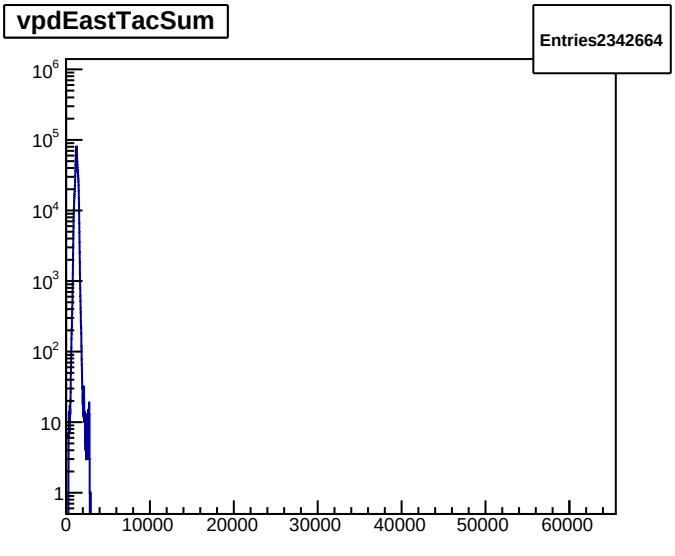

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

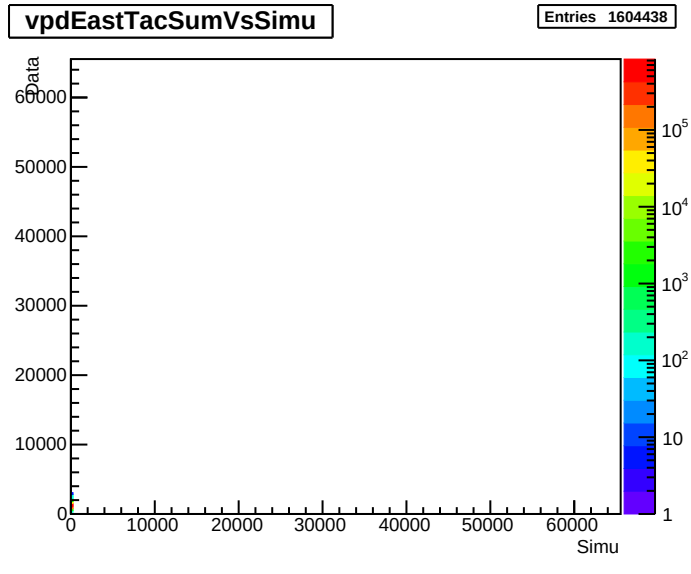

vpdEastAdcSum
Entries2342664

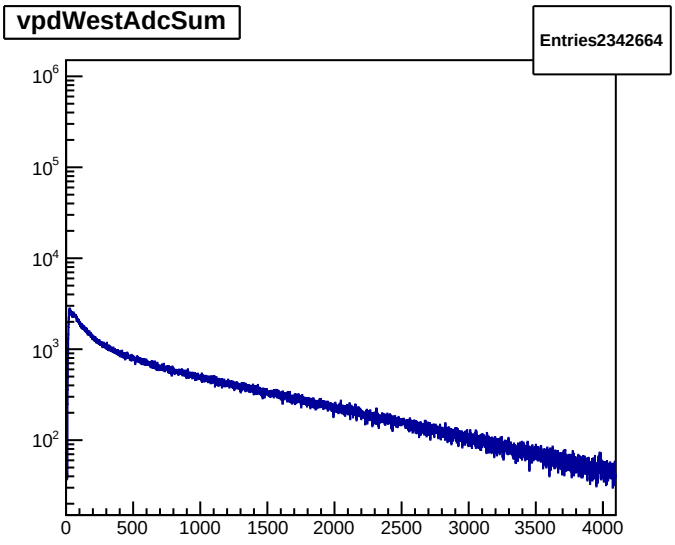

vpdEastAdcSumVsSimu
Entries 1604372
Data
Simu

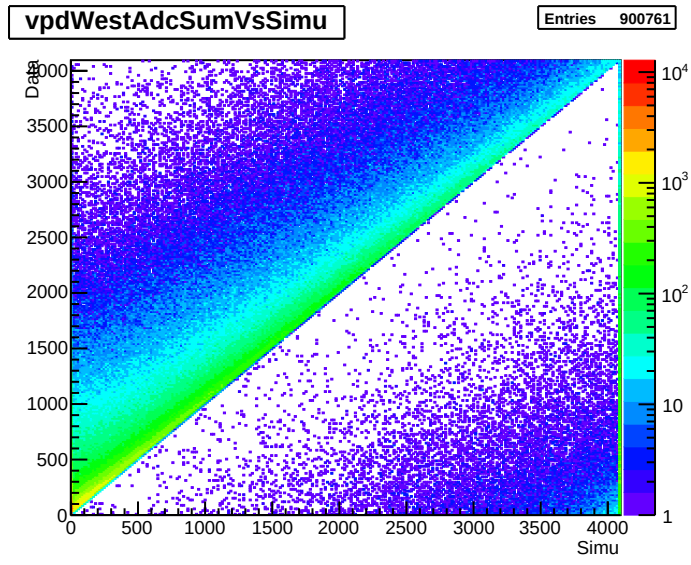

vpdEastNHits
Entries2342664

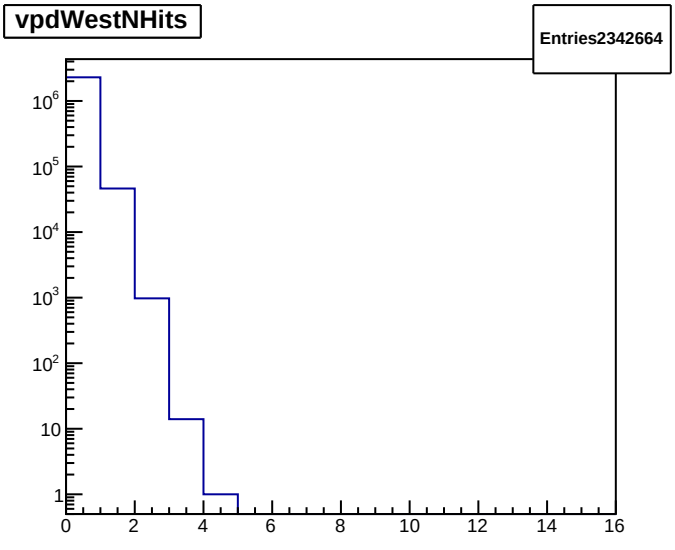

vpdEastNHitsVsSimu
Entries 99449

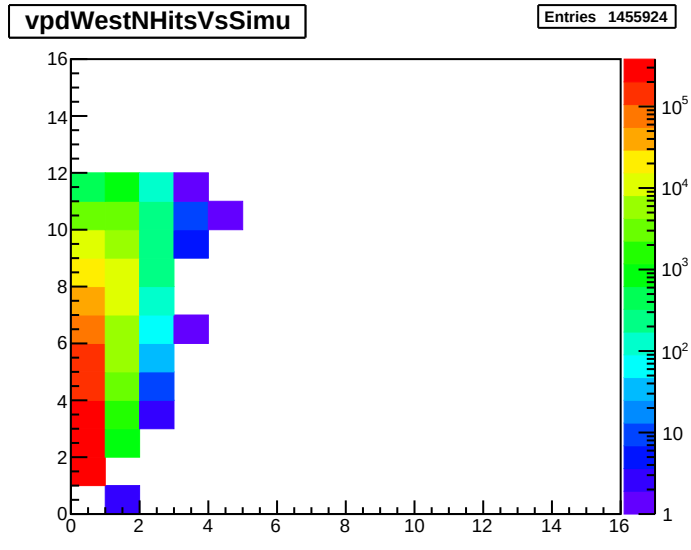

vpdEastTacSum
Entries2342664

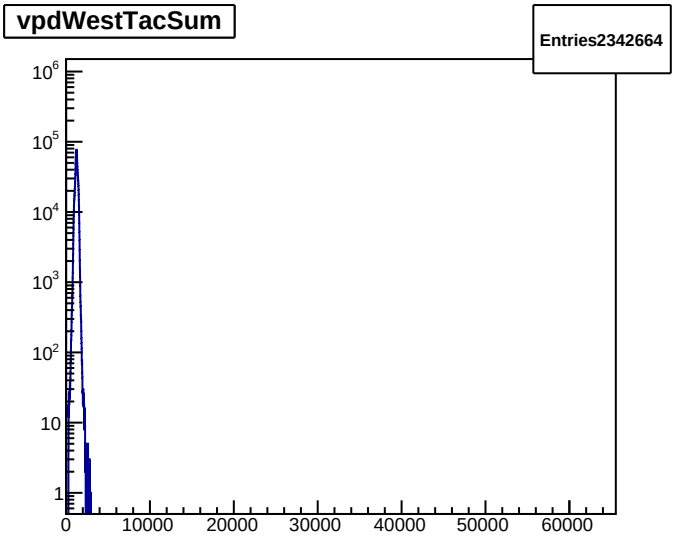

vpdEastTacSumVsSimu
Entries 1604438
Data
Simu

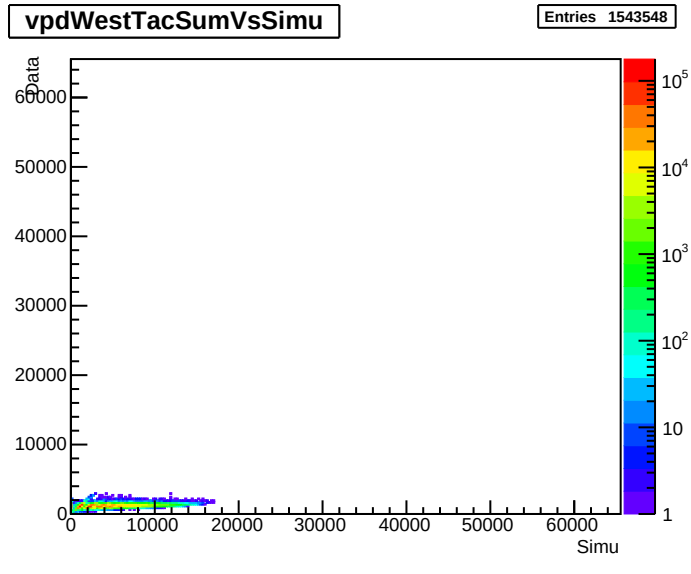

vpdWestAdcSum
Entries2342664

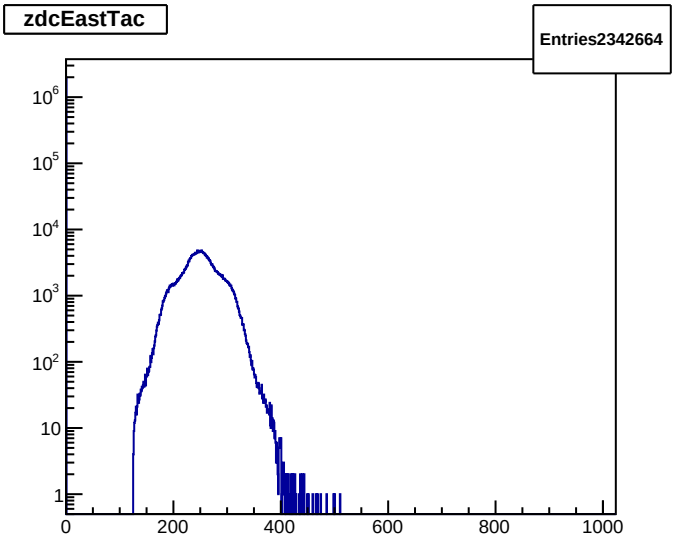

vpdWestAdcSumVsSimu
Entries 900761
Data
Simu

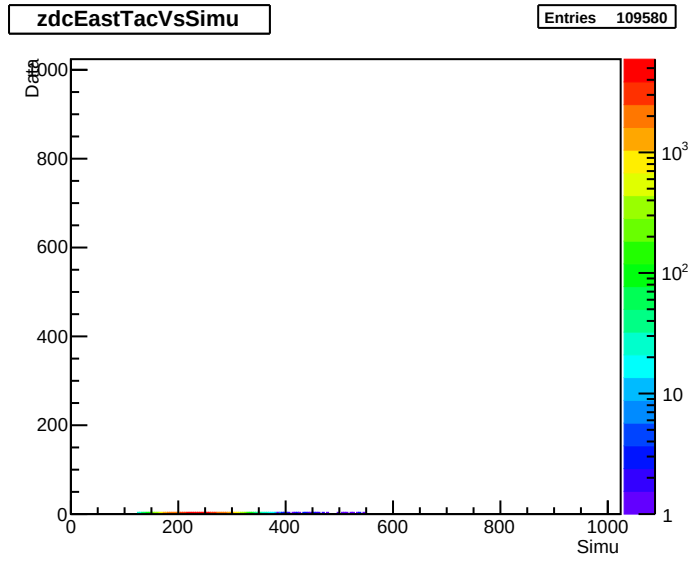

vpdWestNHits
Entries2342664

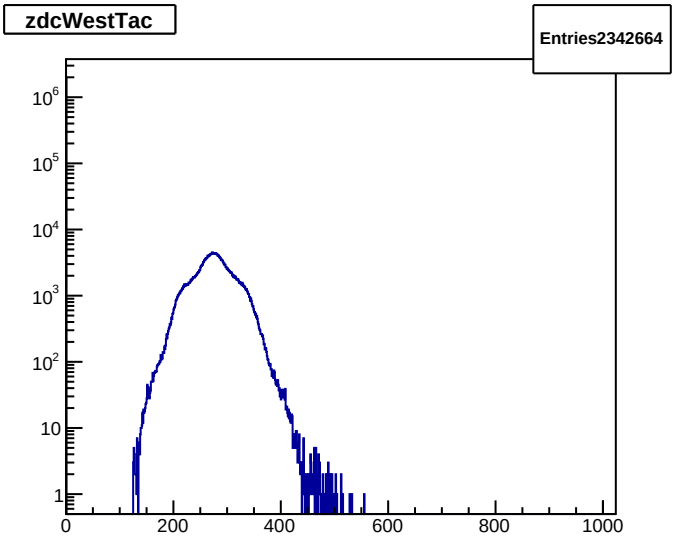

vpdWestNHitsVsSimu
Entries 1455924

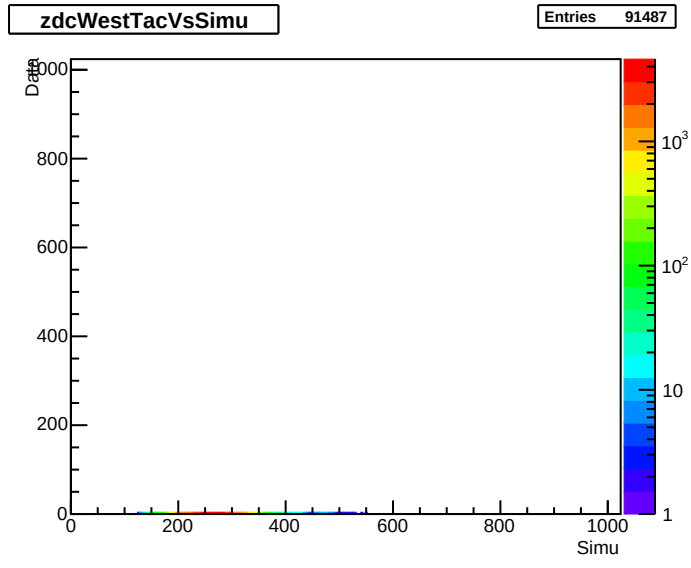

vpdWestTacSum
Entries2342664

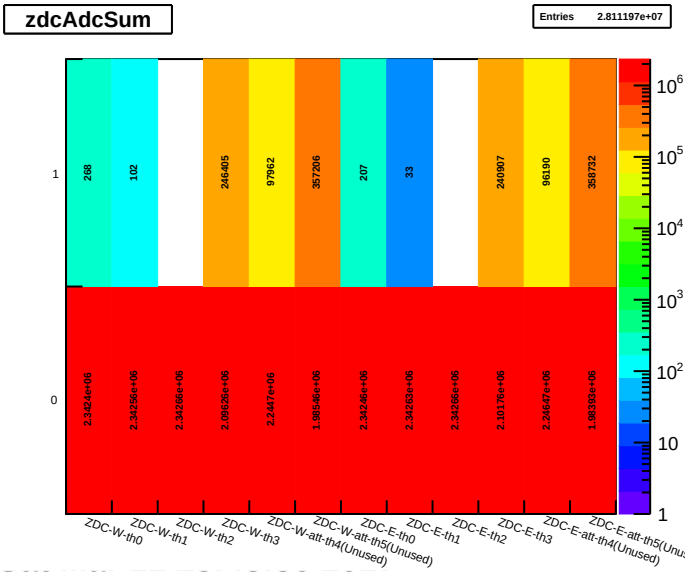

vpdWestTacSumVsSimu
Entries 1543548
Data
Simu

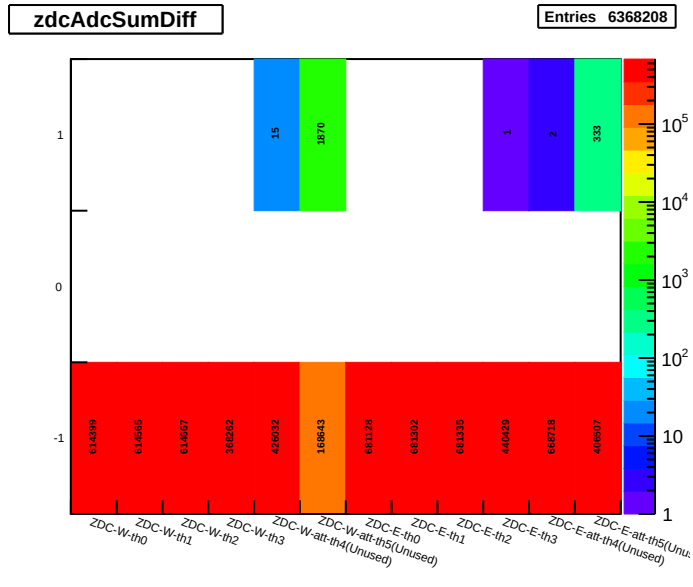

zdcEastTac
Entries2342664

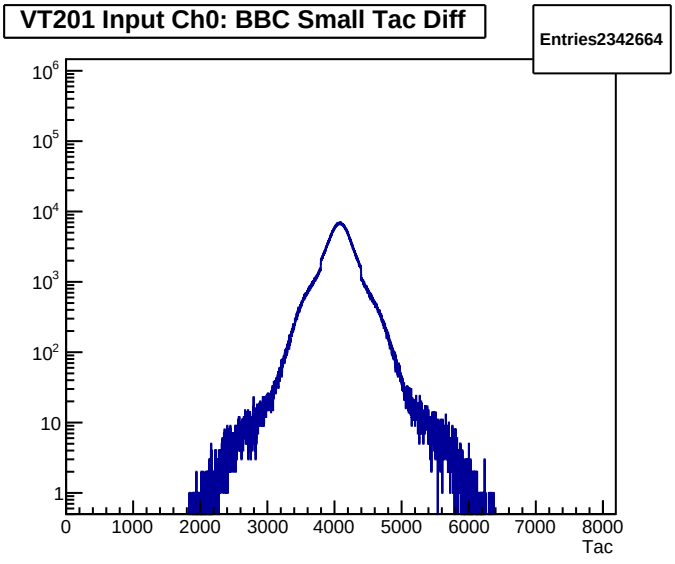

zdcEastTacVsSimu
Entries 109580
Data
Simu

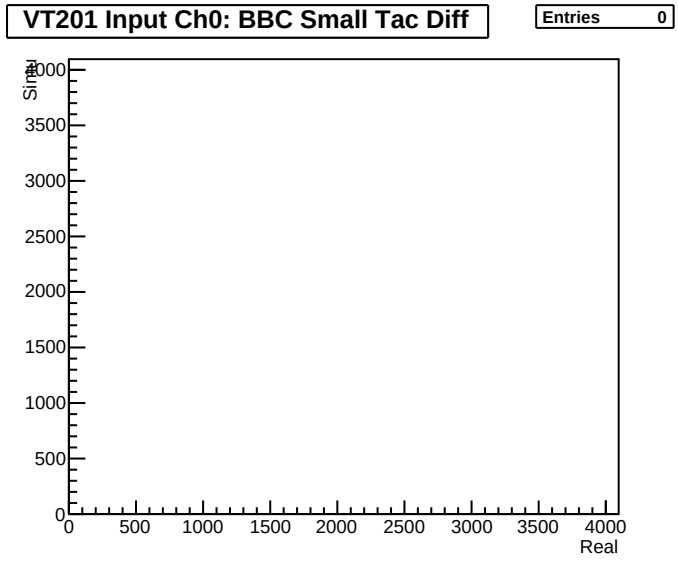

zdcWestTac
Entries2342664

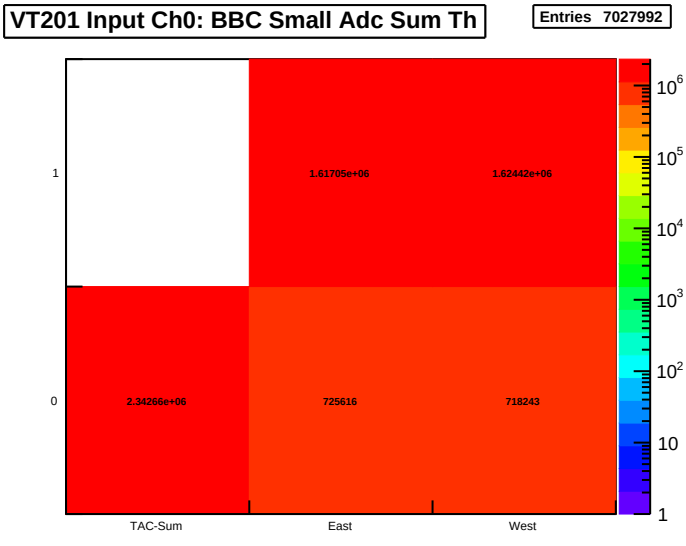

zdcWestTacVsSimu
Entries 91487
Data
Simu

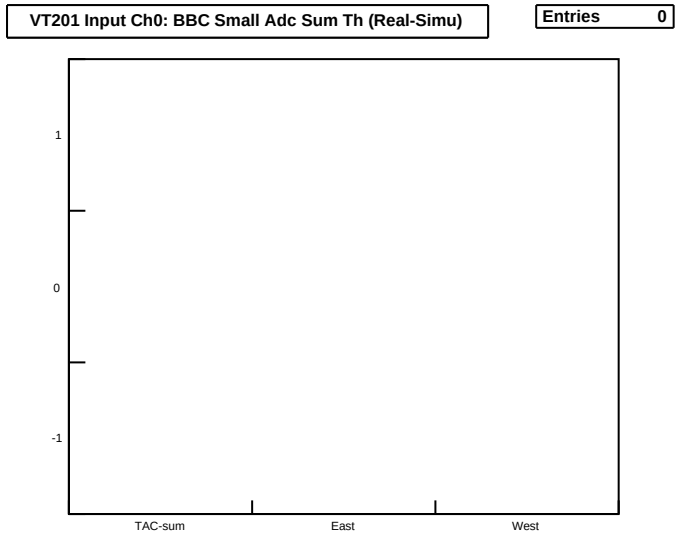

zdcAdcSum
Entries 2.811197e+07
268
102
246405
97962
357206
207
33
240907
96190
358732
2.3424e+06
2.34256e+06
2.34266e+06
2.09626e+06
2.2447e+06
1.98546e+06
2.34246e+06
2.34263e+06
2.34266e+06
2.10176e+06
2.24647e+06
1.98393e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

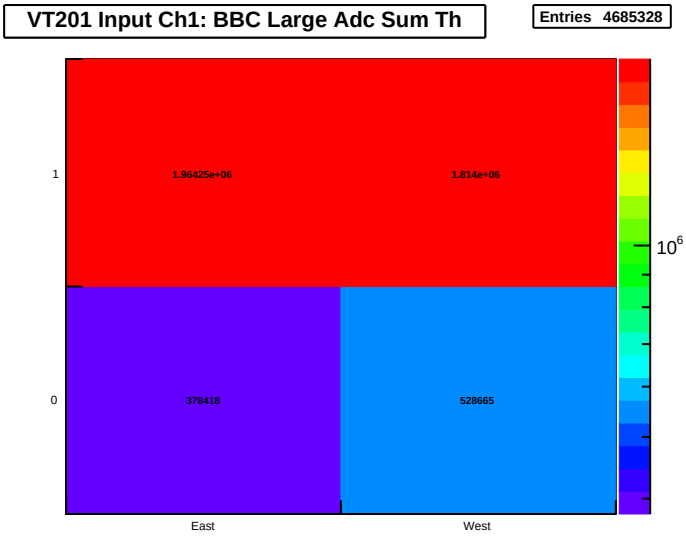

zdcAdcSumDiff
Entries 6368208
15
1870
1
2
333
614399
614565
614667
362262
420032
168643
681128
681302
681335
440429
668718
406507
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

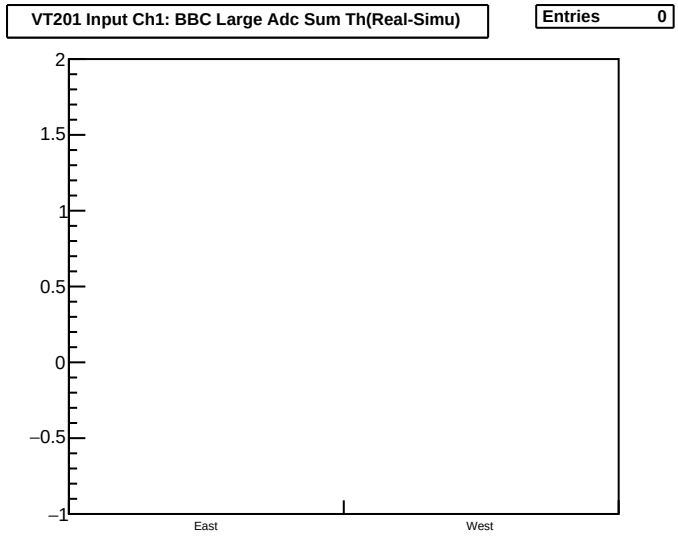

VT201 Input Ch0: BBC Small Tac Diff
Entries2342664
Tac


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

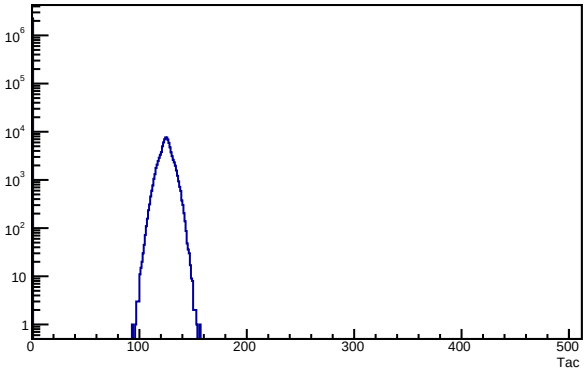

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7027992
1.61705e+06
1.62442e+06
2.34266e+06
725616
718243
TAC-Sum
East
West


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

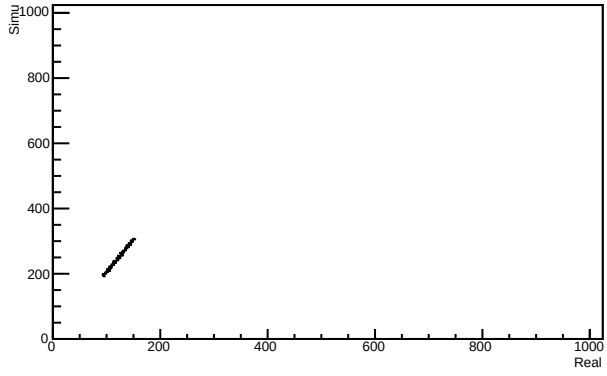

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4685328
1.96425e+06
1.814e+06
378418
528665
East
West


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

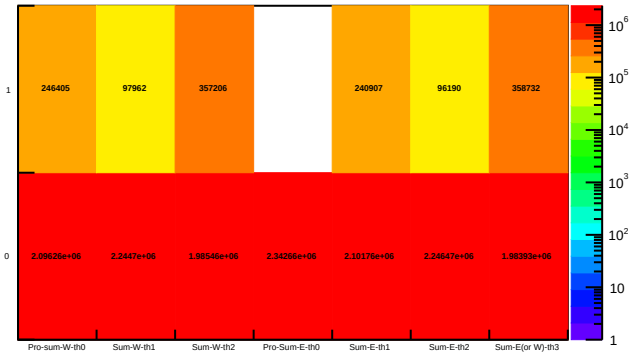
VT201 Input Ch2: ZDC Tac Diff



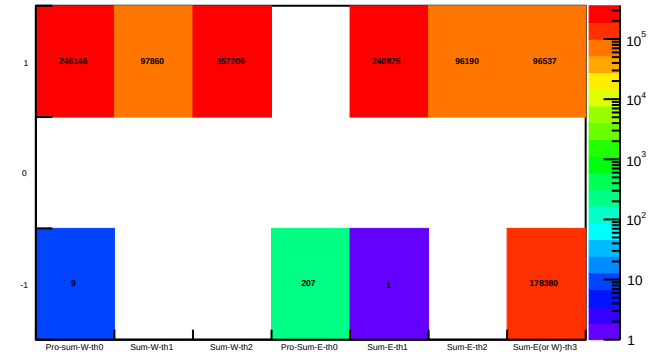
VT201 Input Ch2: ZDC Tac Diff



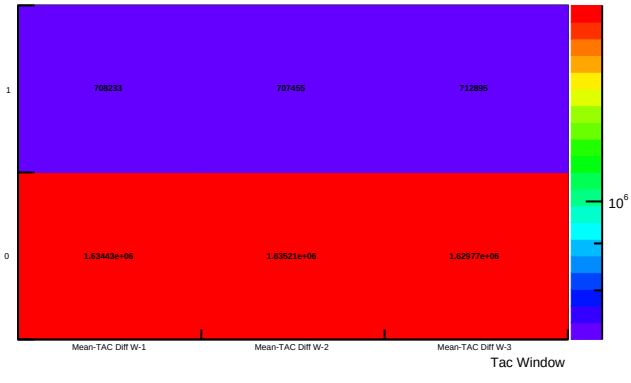
VT201 Input Ch2: ZDC Adc Sum Th



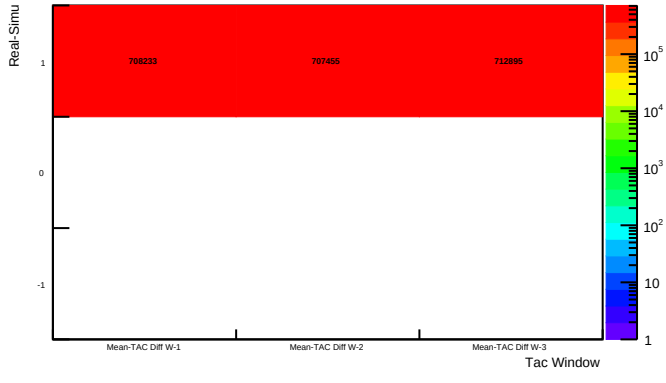
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



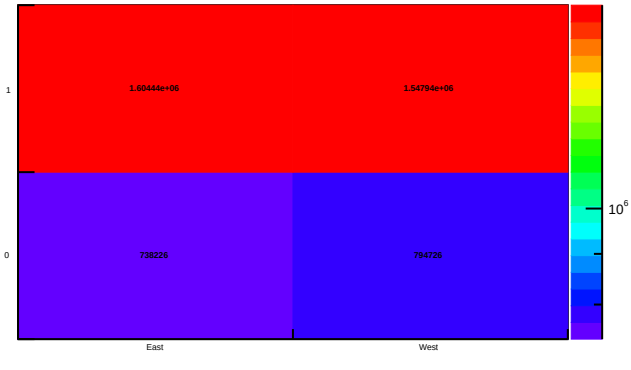
VT201 Input Ch4: VPD Tac Diff



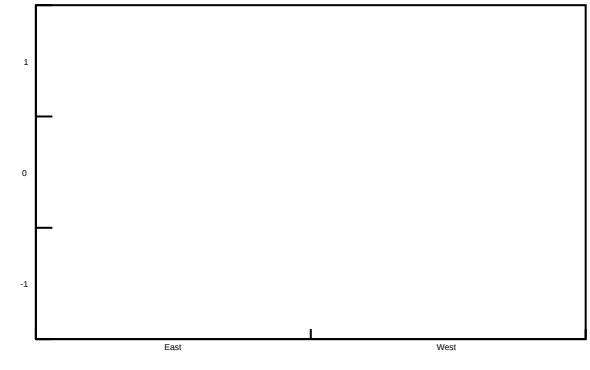
VT201 Input Ch4: VPD Tac Diff

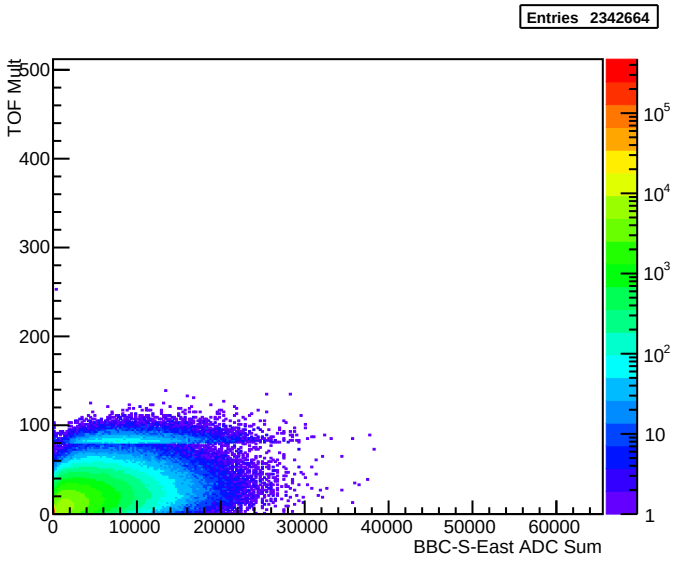


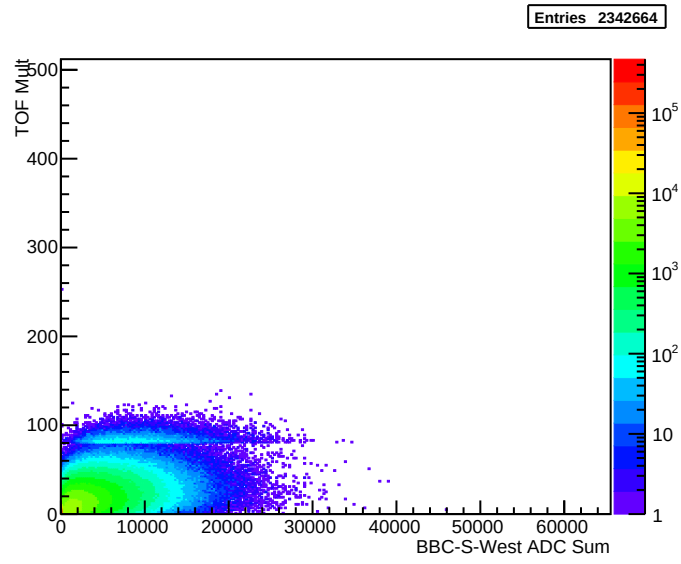
VT201 Input Ch4: VPD Adc Sum Th

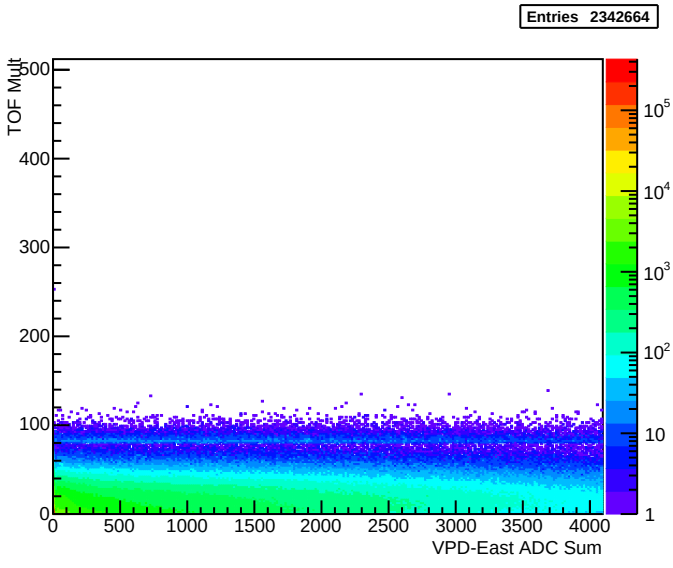


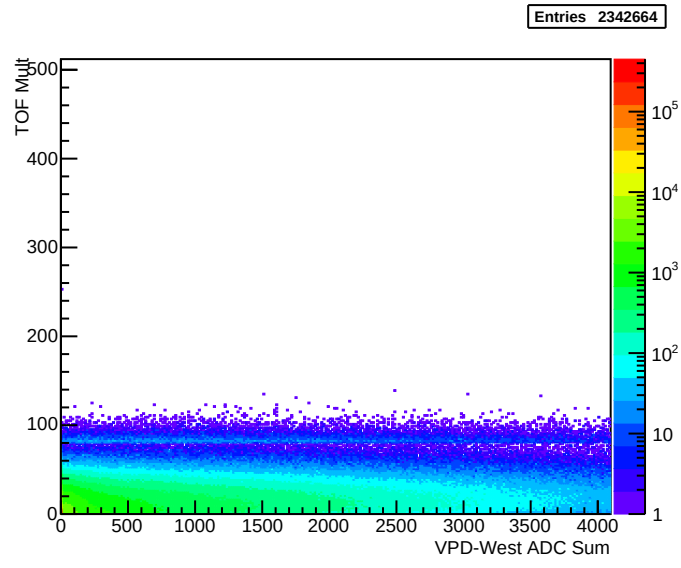
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

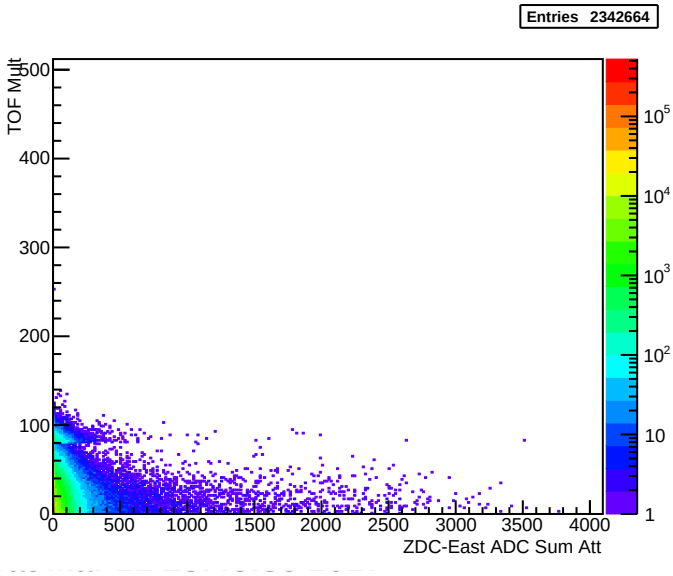


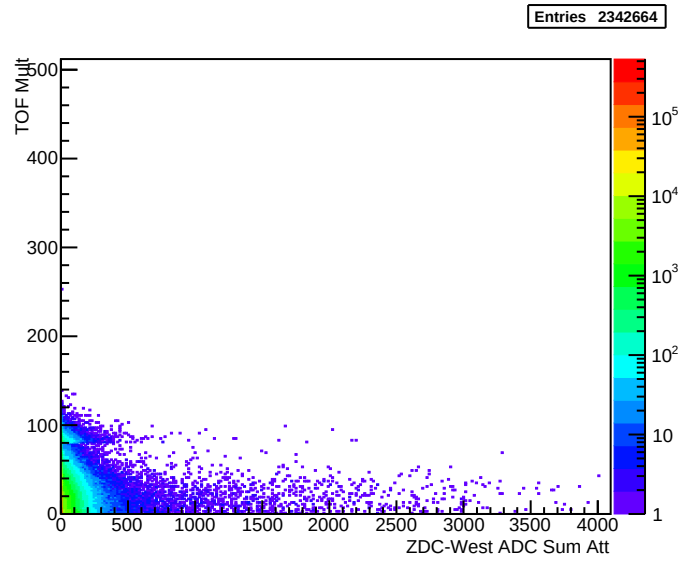

Entries 2342664
TOF Mult
BBC-S-East ADC Sum

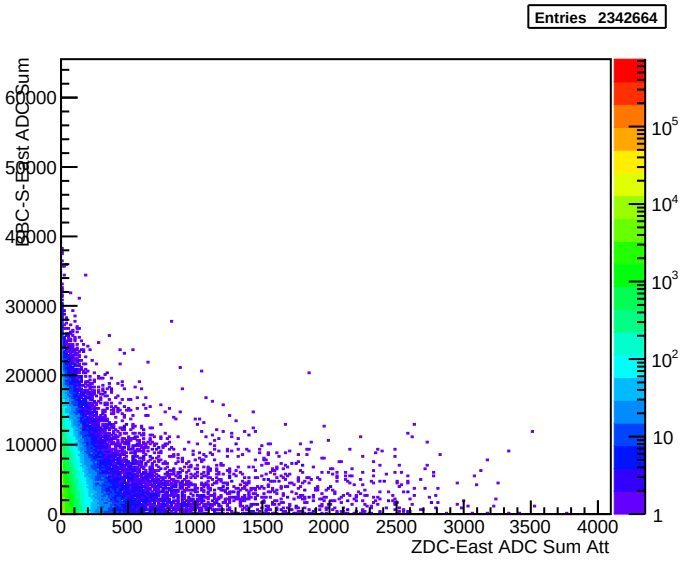

Entries 2342664
TOF Mult
BBC-S-West ADC Sum

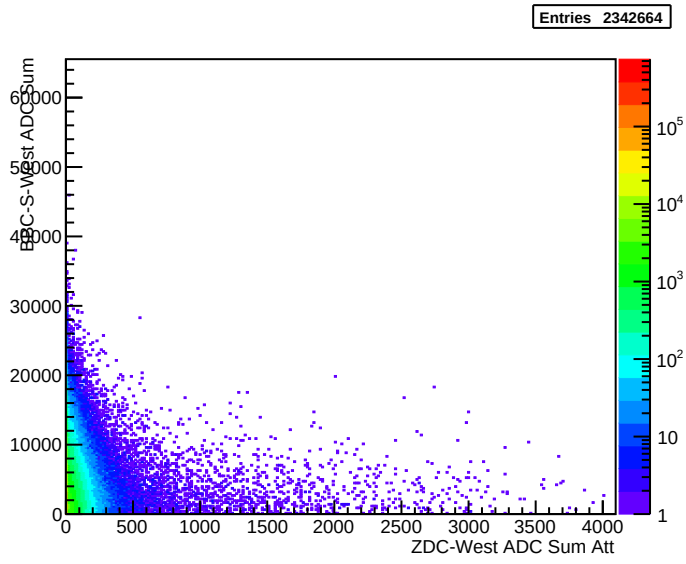

Entries 2342664
TOF Mult
VPD-East ADC Sum

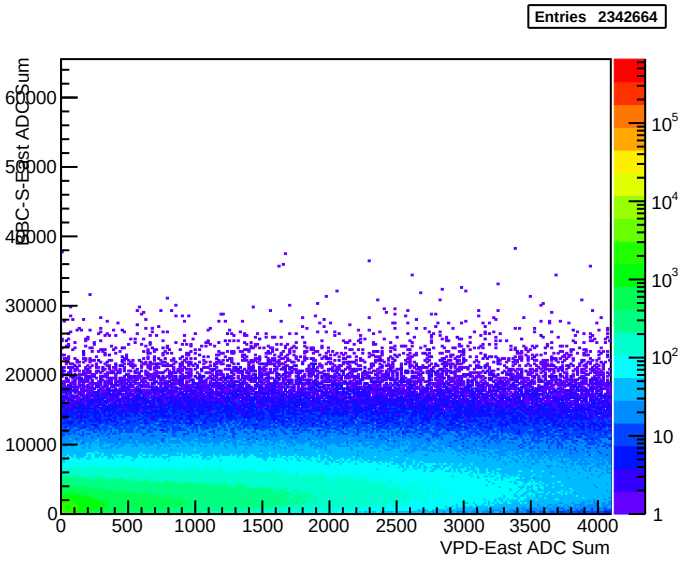

Entries 2342664
TOF Mult
VPD-West ADC Sum

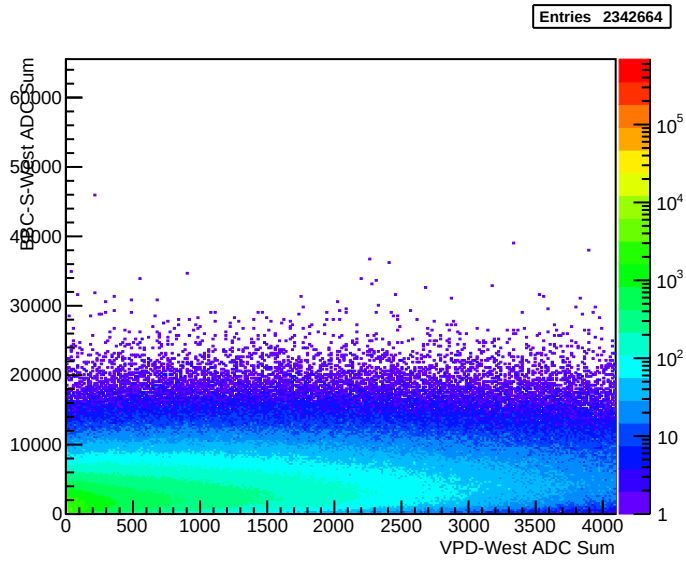

Entries 2342664
TOF Mult
ZDC-East ADC Sum Att

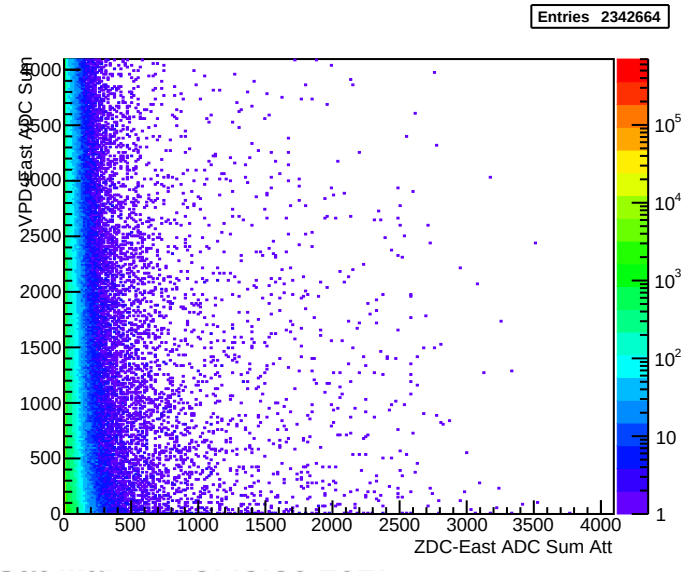

Entries 2342664
TOF Mult
ZDC-West ADC Sum Att

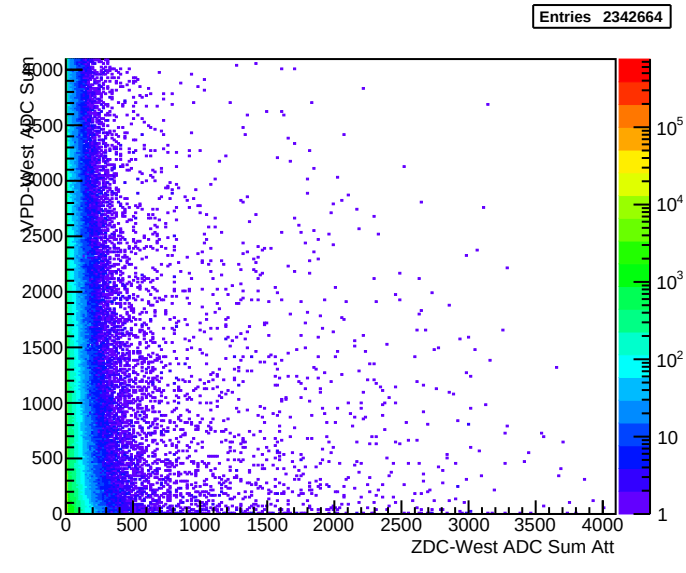

Entries 2342664
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

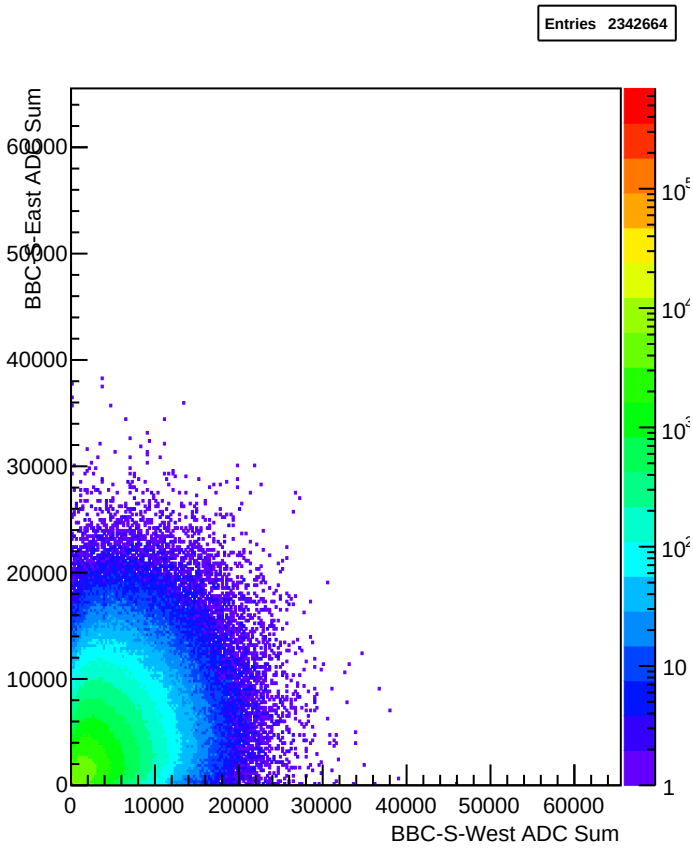

Entries 2342664
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

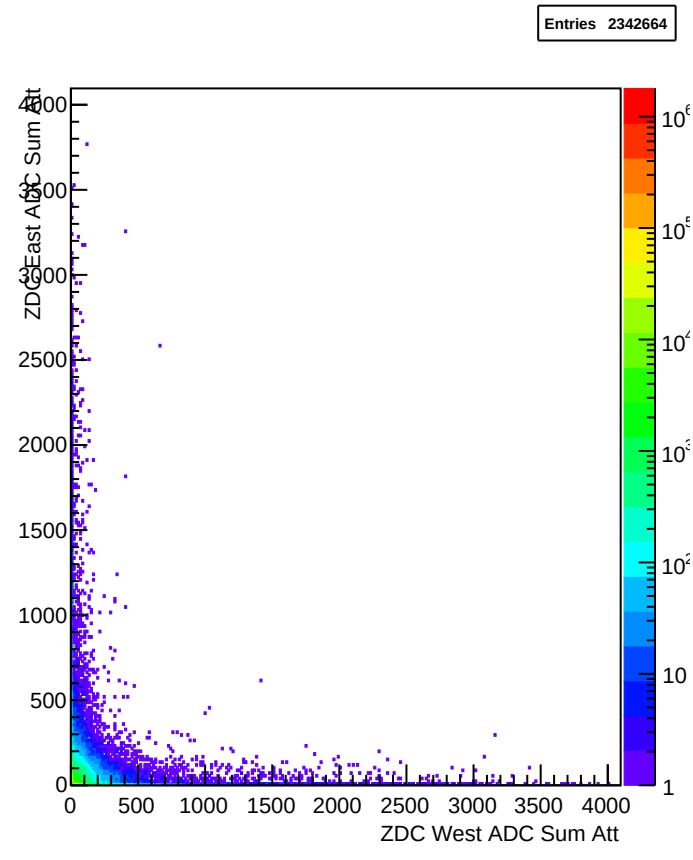

Entries 2342664
BBC-S-East ADC Sum
VPD-East ADC Sum

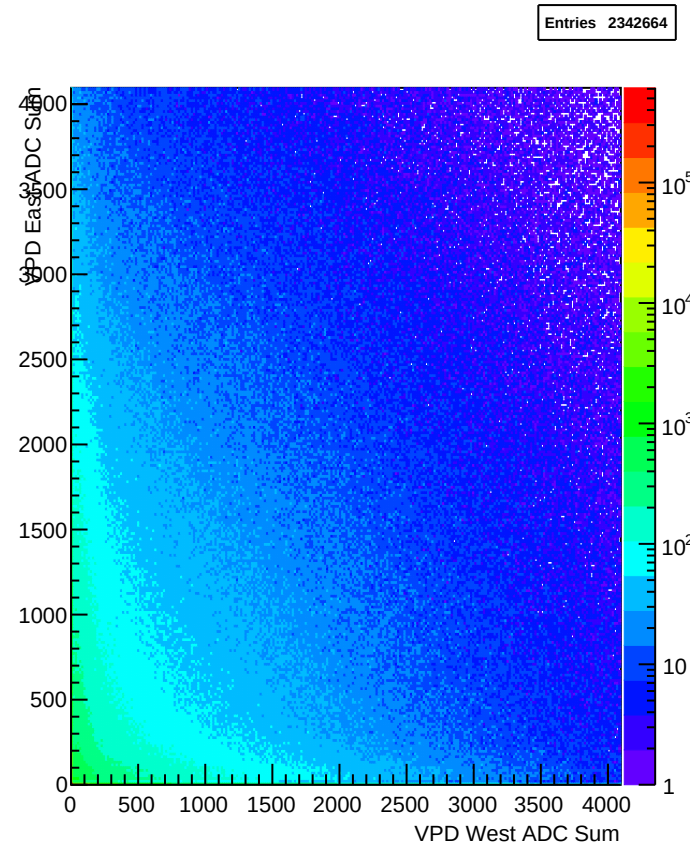

Entries 2342664
BBC-S-West ADC Sum
VPD-West ADC Sum

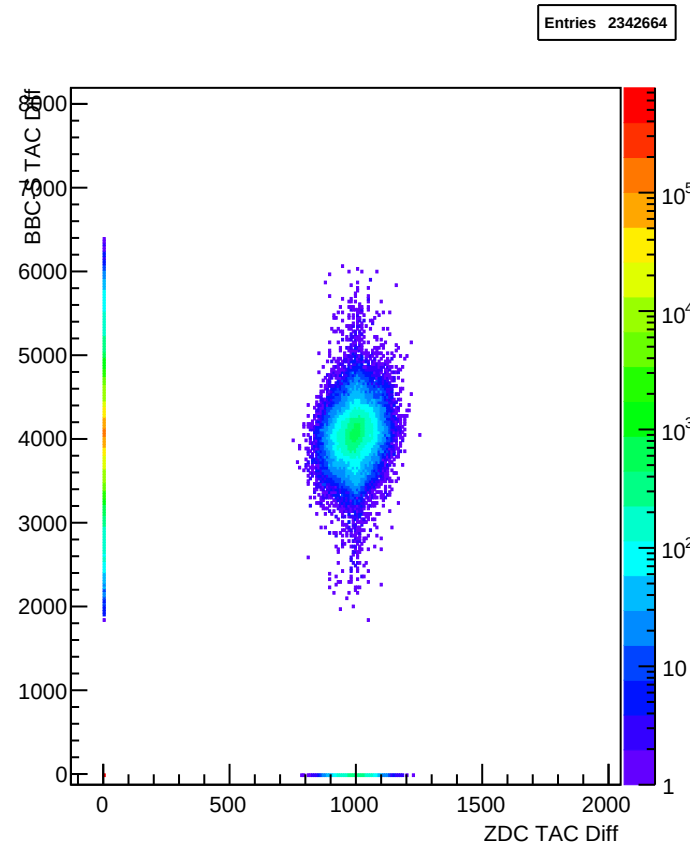

Entries 2342664
VPD-East ADC Sum
ZDC-East ADC Sum Att

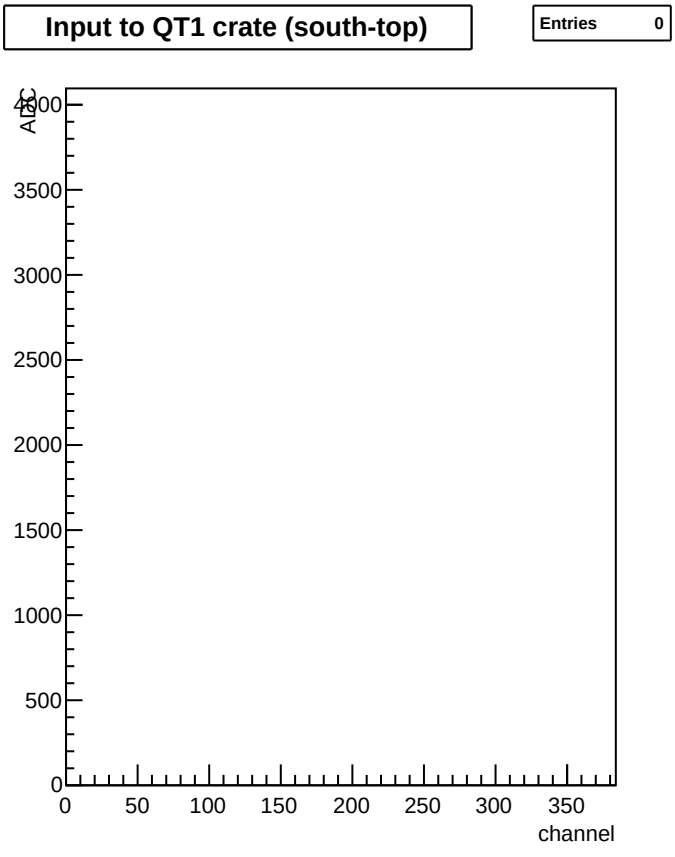

Entries 2342664
VPD-West ADC Sum
ZDC-West ADC Sum Att

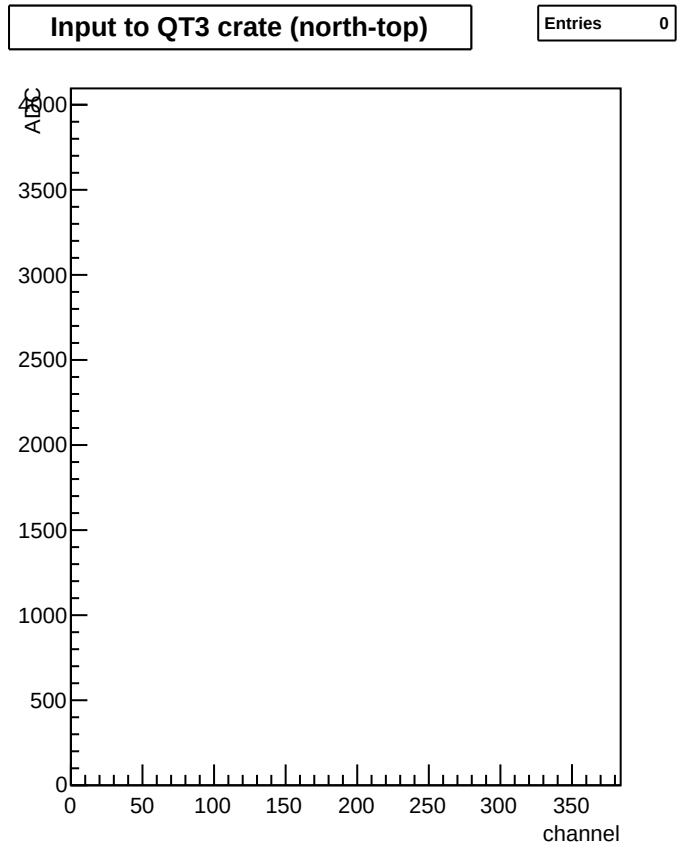

Entries 2342664
BBC-S-East ADC Sum
BBC-S-West ADC Sum

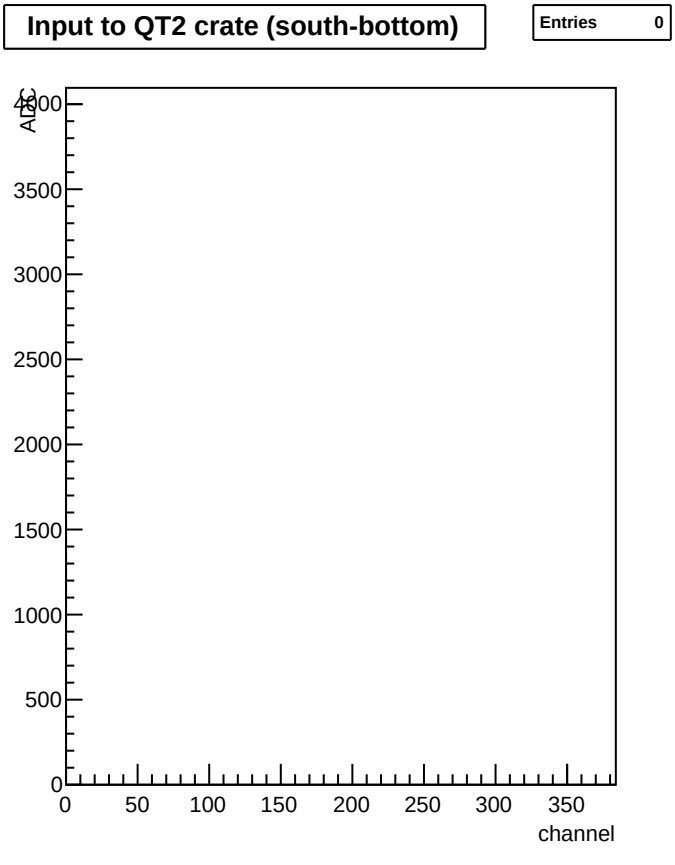

Entries 2342664
ZDC East ADC Sum Att
ZDC West ADC Sum Att

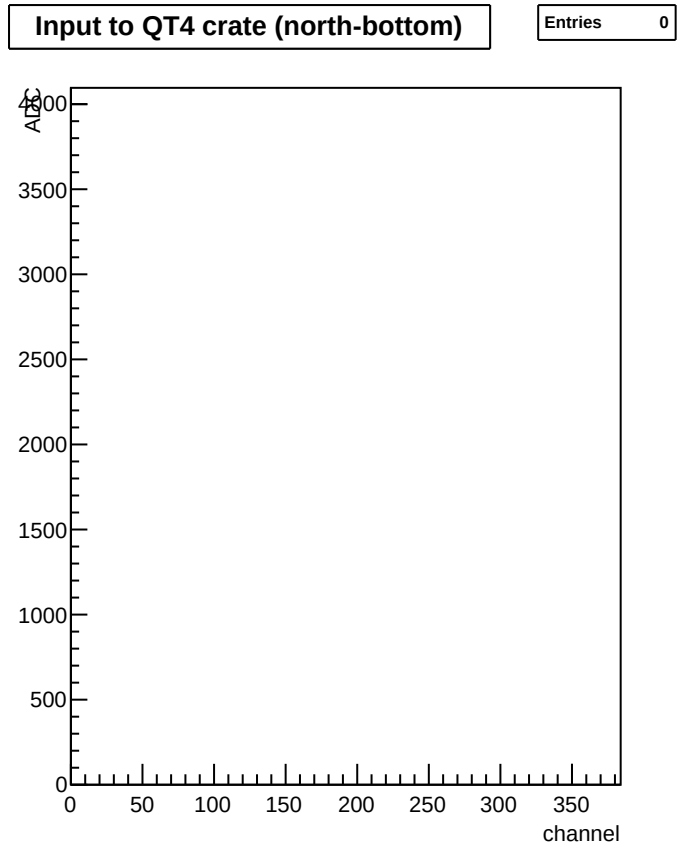

Entries 2342664
VPD East ADC Sum
VPD West ADC Sum

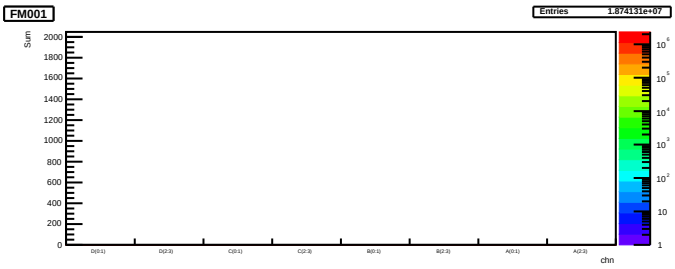

Entries 2342664
BBC-S TAC Diff
ZDC TAC Diff

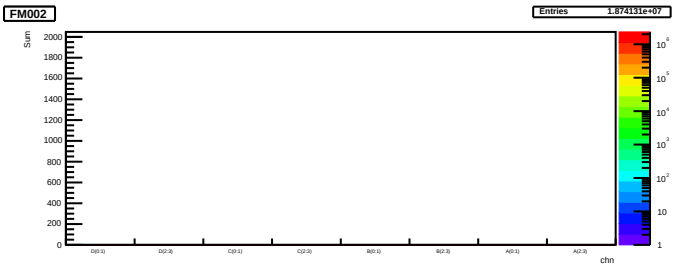

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

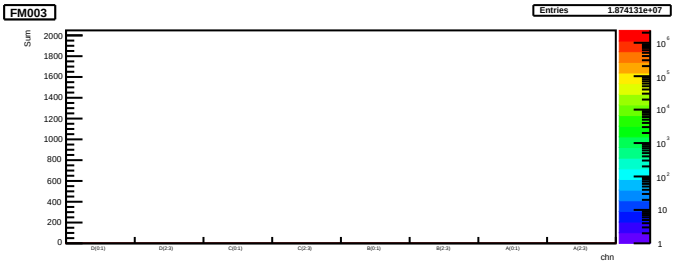

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

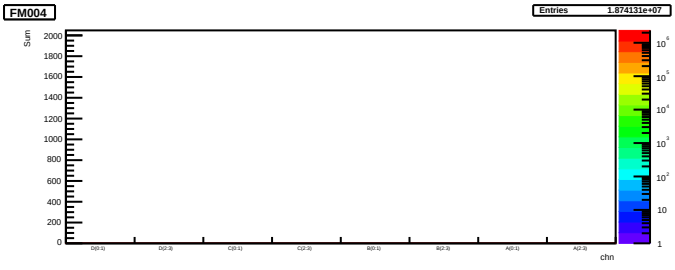

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

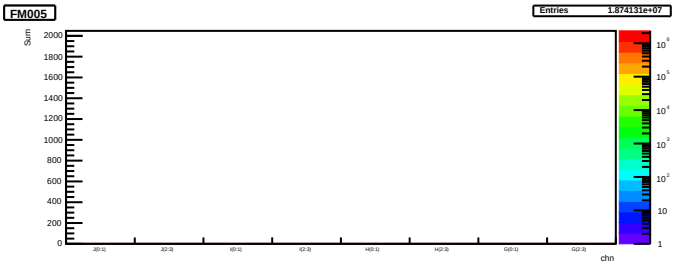

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel


FM001
Entries 1.874131e+07
Sum
chn


FM002
Entries 1.874131e+07
Sum
chn


FM003
Entries 1.874131e+07
Sum
chn


FM004
Entries 1.874131e+07
Sum
chn


FM005
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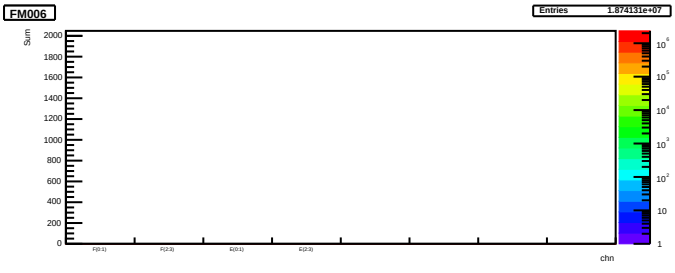
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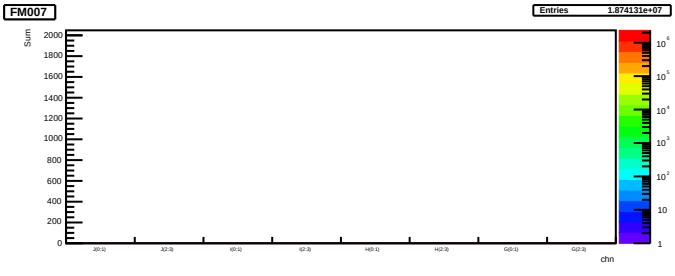
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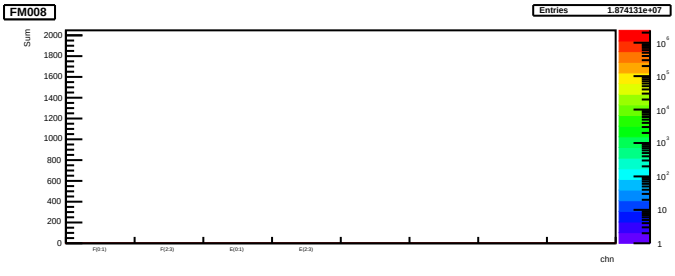
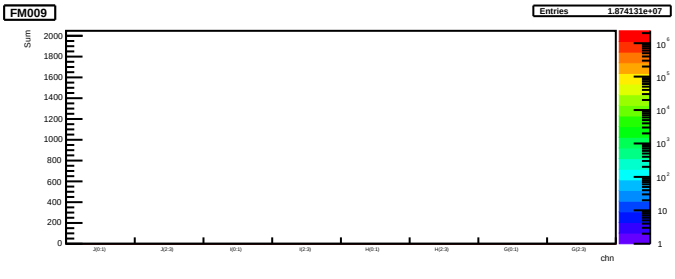

FM008
Entries 1.874131e+07
Sum
chn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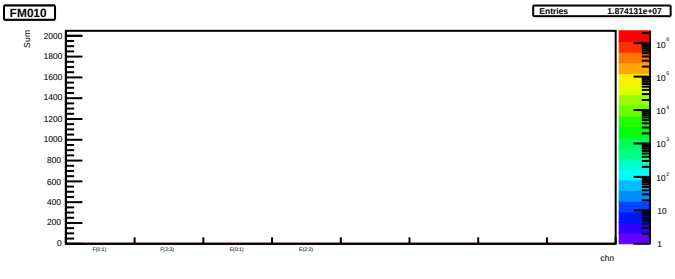
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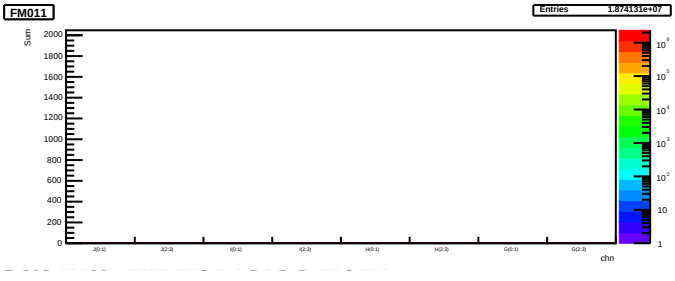
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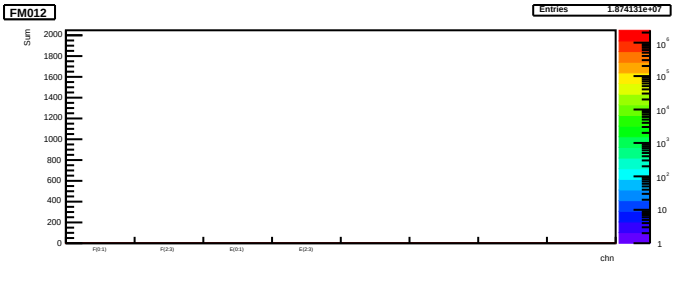
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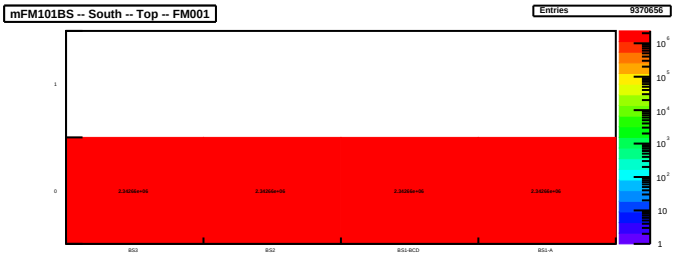
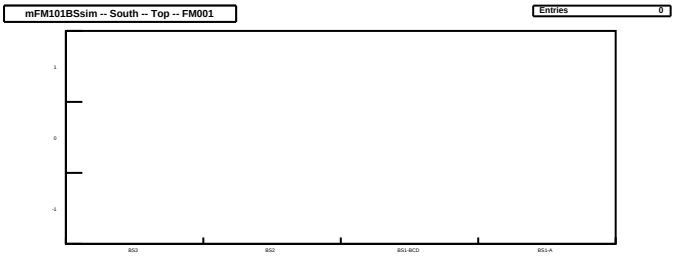
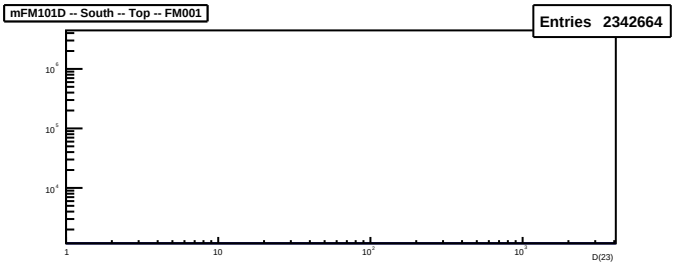

mFM101BS -- South -- Top -- FM001
Entries 9370656
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A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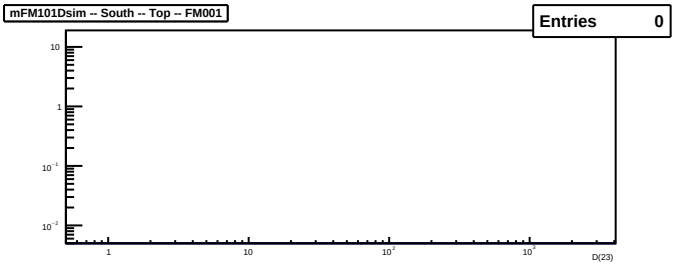
Entries 2342664
D(23)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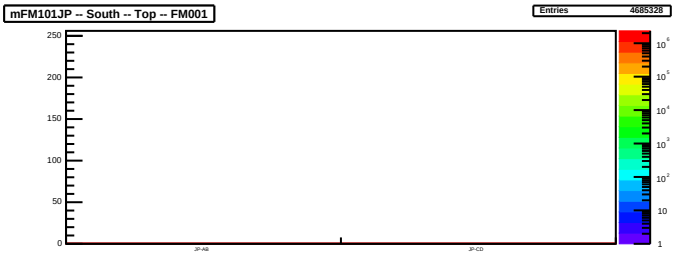
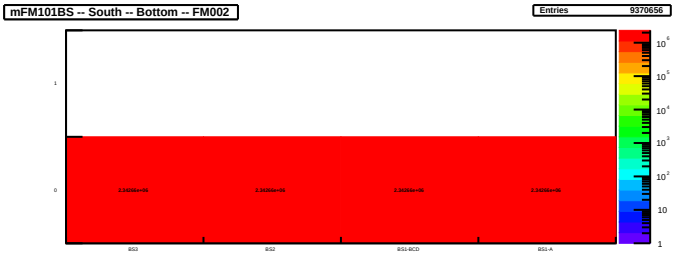
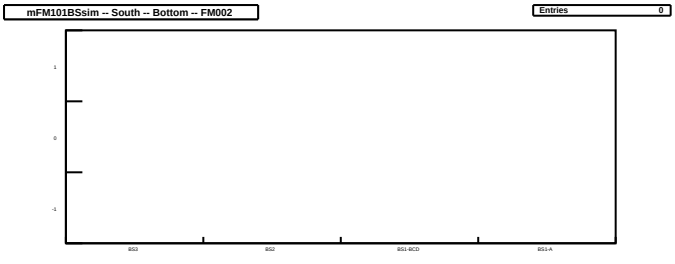
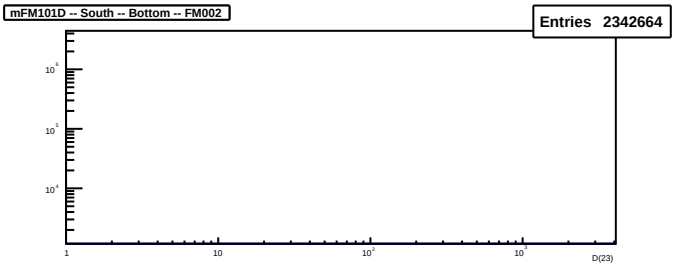
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 4685328
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 9370656
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A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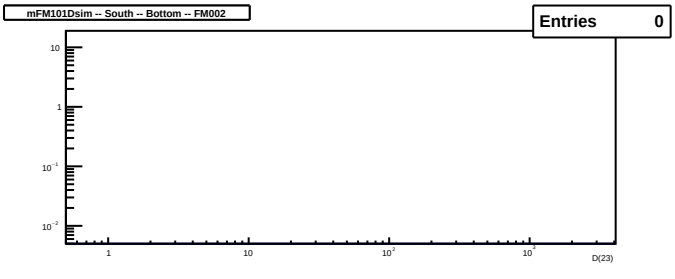
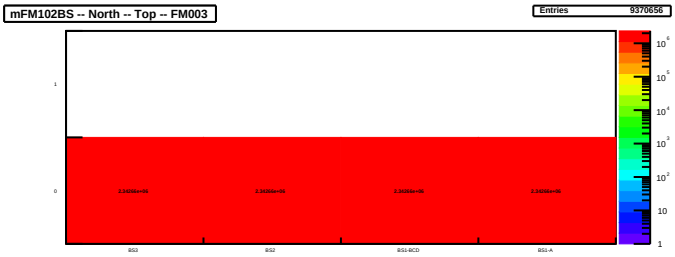
Entries 2342664
D(23)

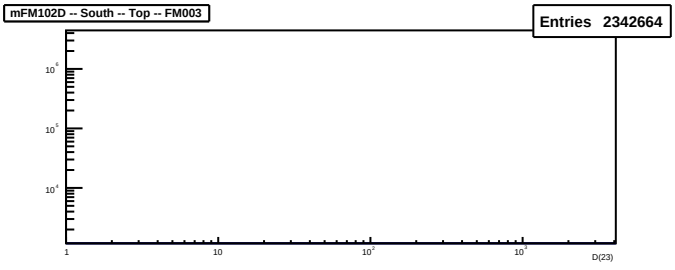

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 4685328
JP-AB
JP-CD

mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 9370656
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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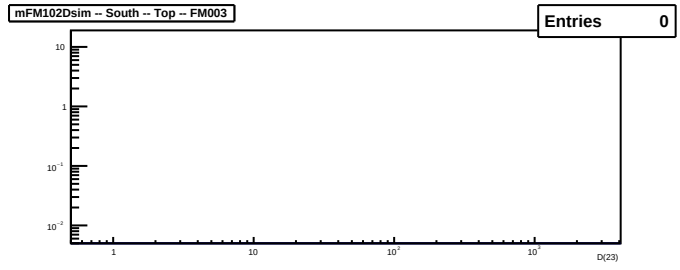
Entries 2342664
D(23)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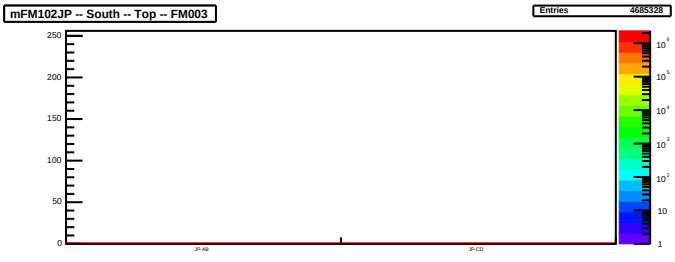
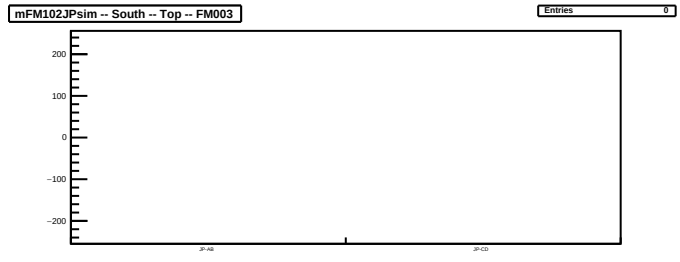
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 4685328
JP-AB
JP-CD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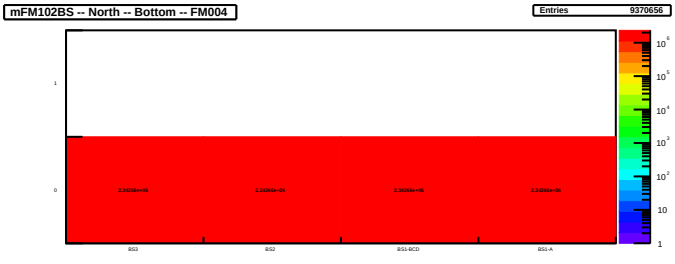
Entries 0
JP-AB
JP-CD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Entries 9370656
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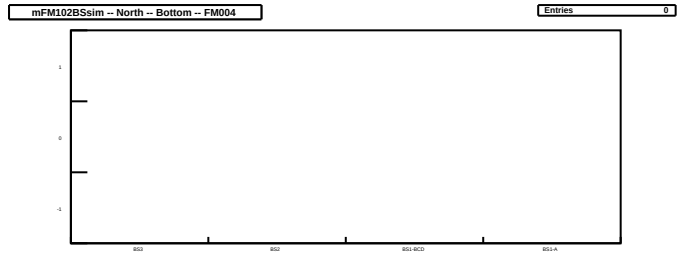
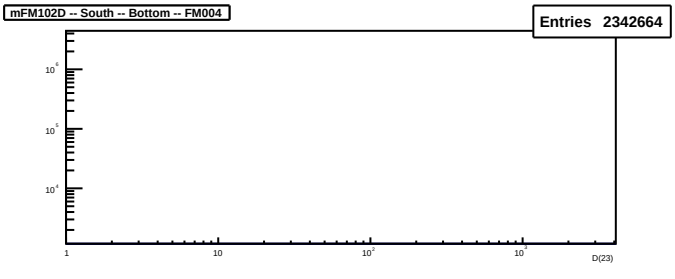
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A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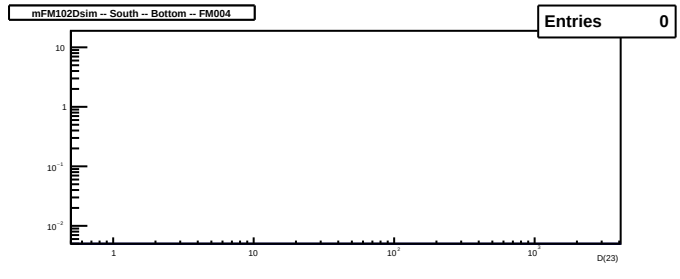
Entries 2342664
D(23)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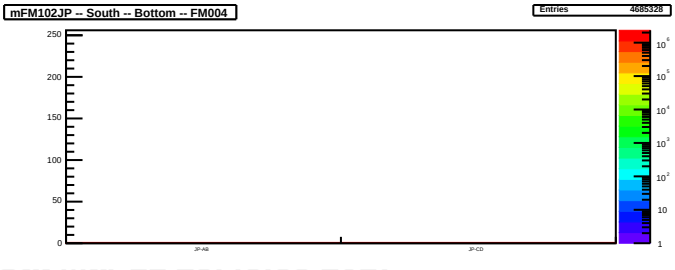
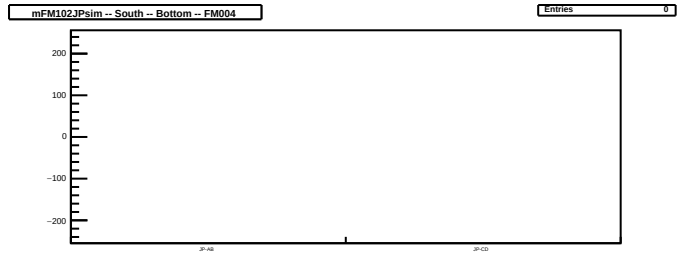
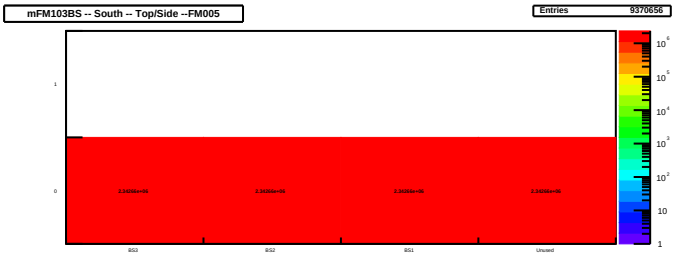
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 4685328
JP-AB
JP-CD


mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 9370656
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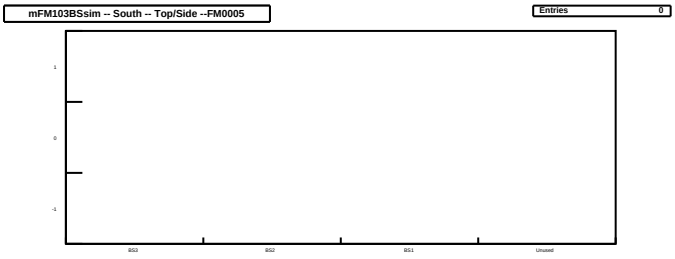
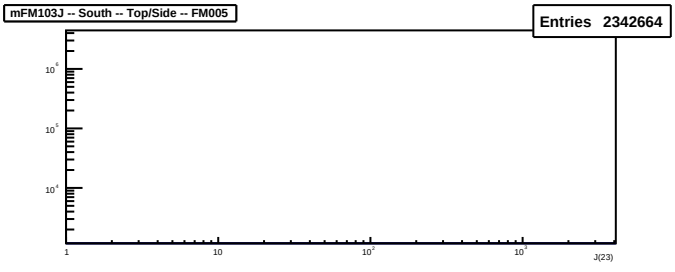
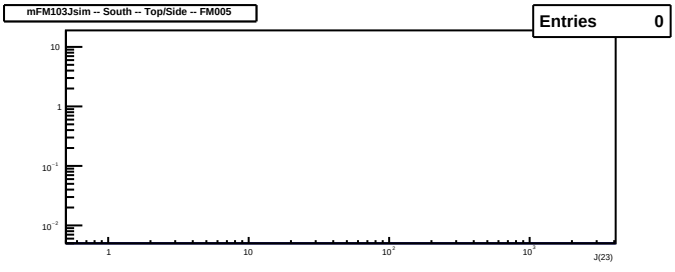
BS2
BS1
Unused


mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 2342664
J(23)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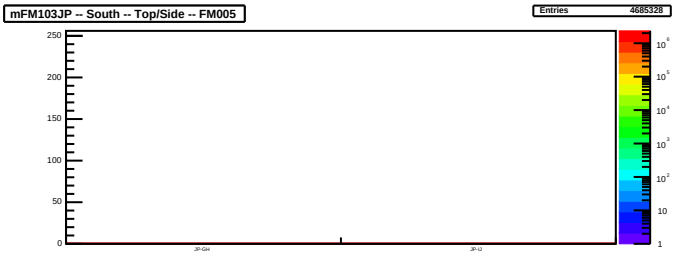
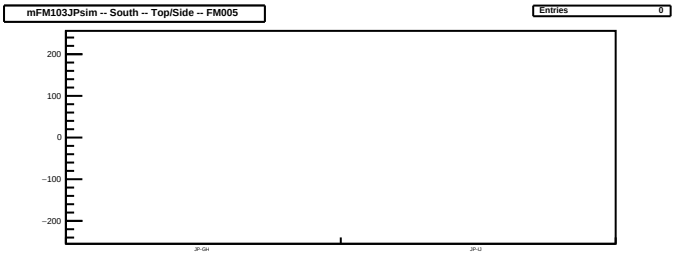
Entries 0
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 4685328
JP-GH
JP-IJ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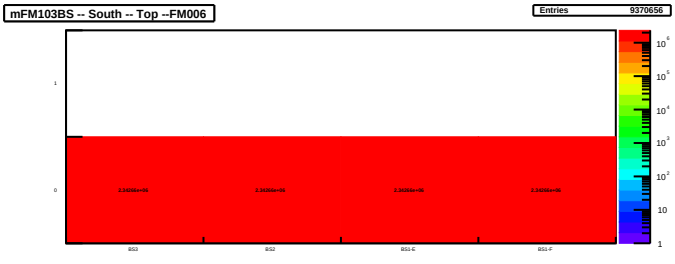
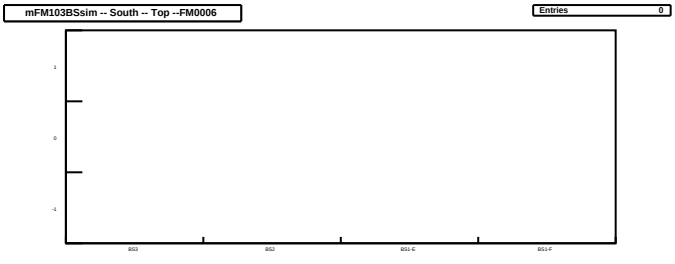
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Top --FM006
Entries 9370656
BS3
BS2
BS1-E
BS1-F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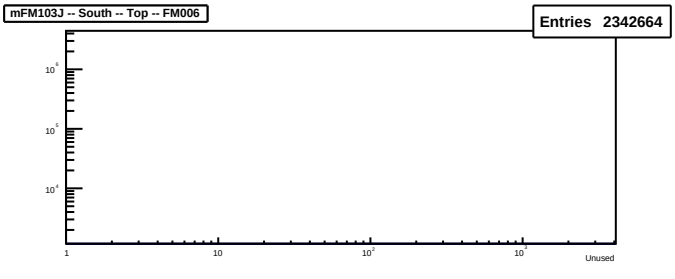
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 2342664
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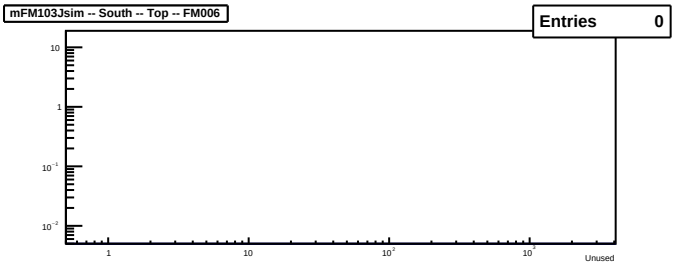
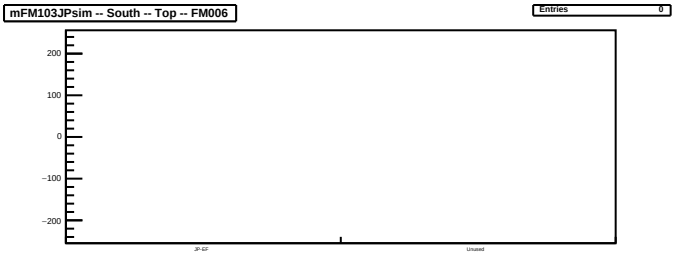

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

mFM103JP -- South -- Top -- FM006
Entries 4685328
JP-EF
Unused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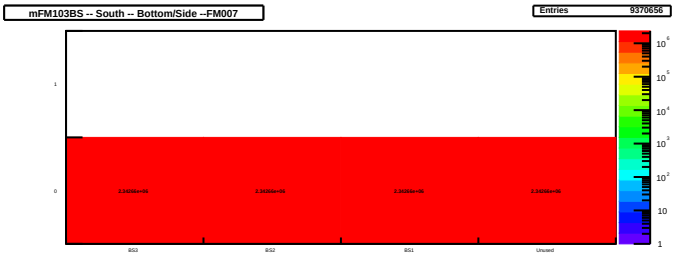
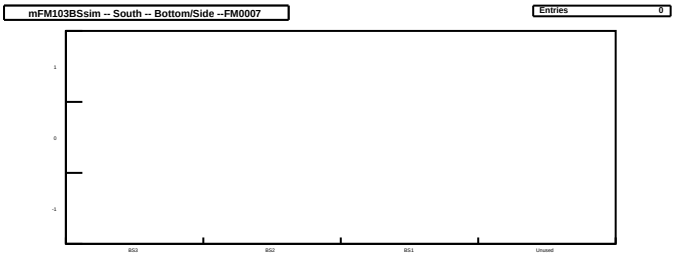
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 9370656
2.34266e+06
2.34266e+06
2.34266e+06
2.34266e+06
BS3
BS2
BS1
Unused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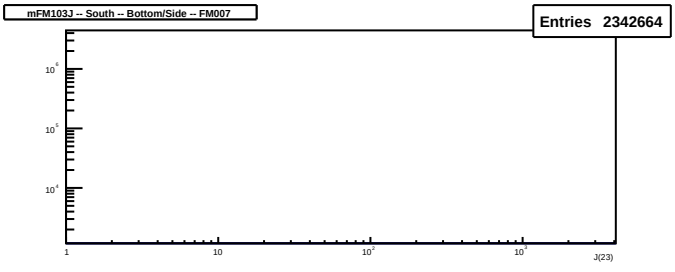
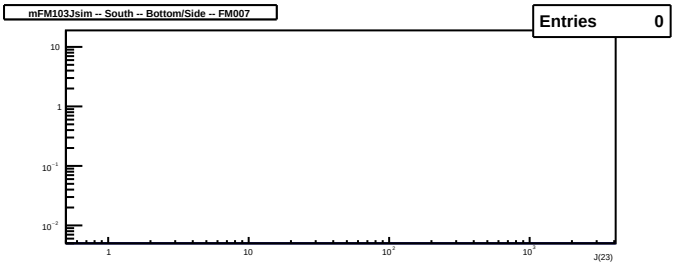
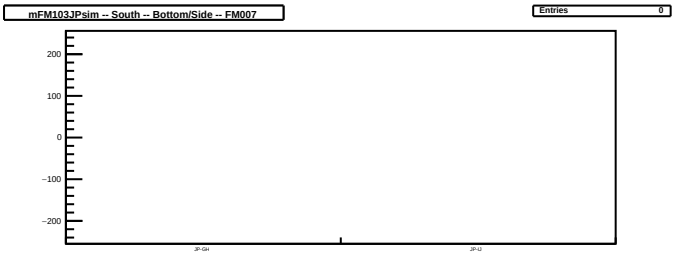
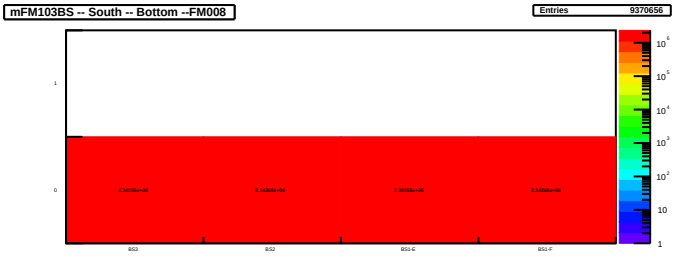
BS2
BS1
Unused

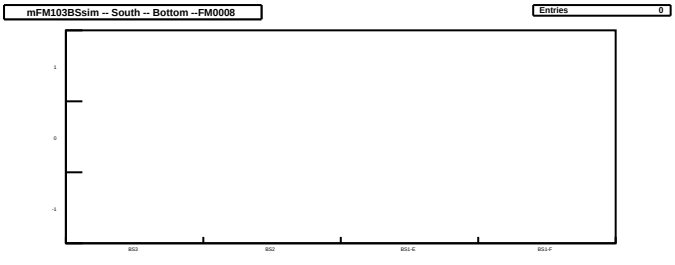

mFM103J -- South -- Bottom/Side -- FM007
Entries 2342664
J(23)

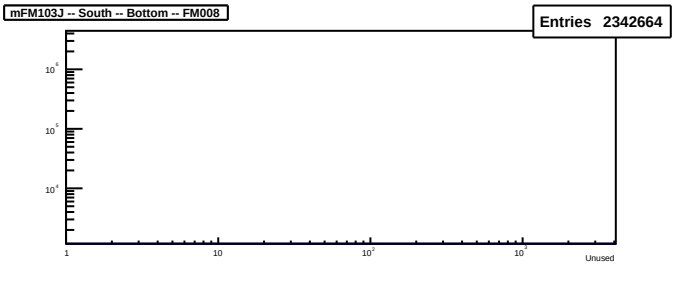

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

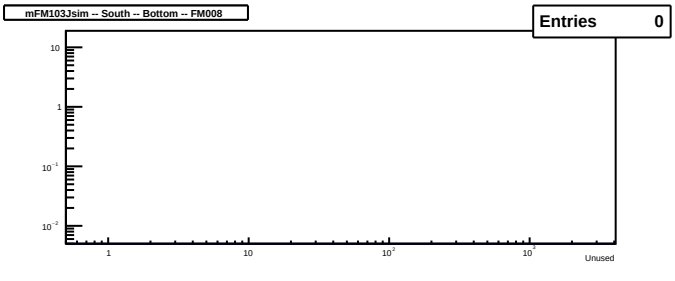
mFM103JP -- South -- Bottom/Side -- FM007
Entries 4685328
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 9370656
2.34266e+06
2.34266e+06
2.34266e+06
2.34266e+06
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 2342664
Unused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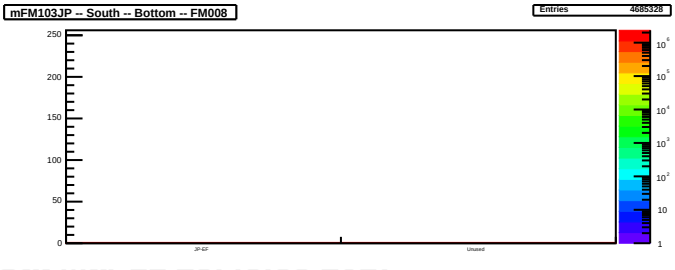
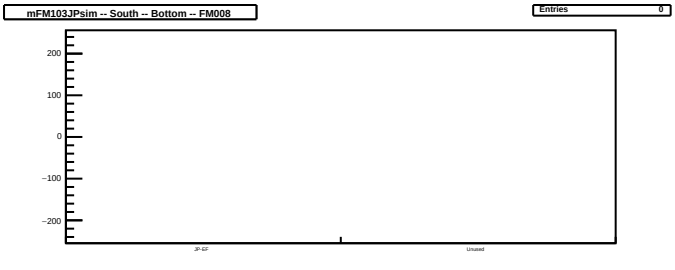
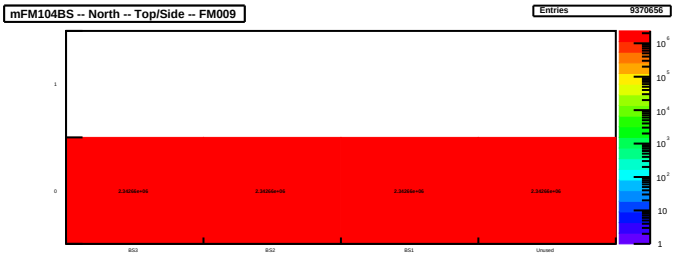
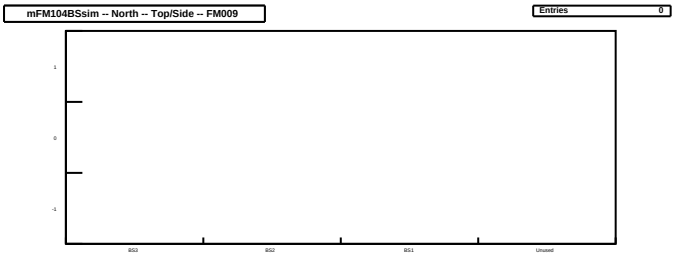
Entries 0
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 4685328
JP-EF
Unused


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


mFM104BS -- North -- Top/Side -- FM009
Entries 9370656
BS3
BS2
BS1
Unused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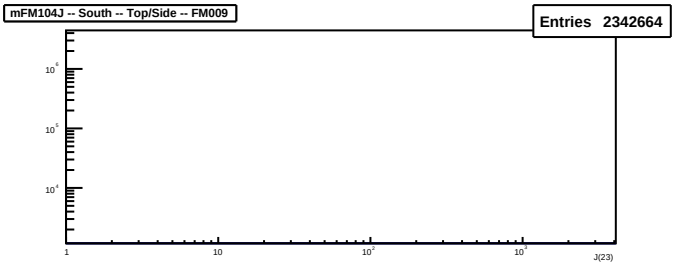
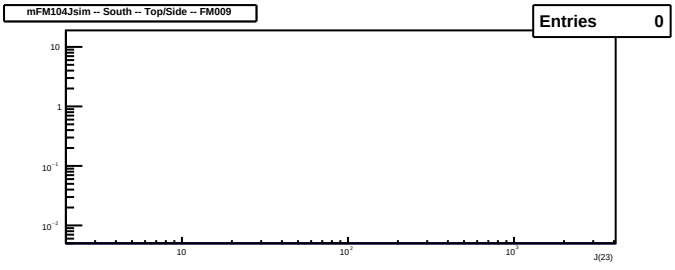
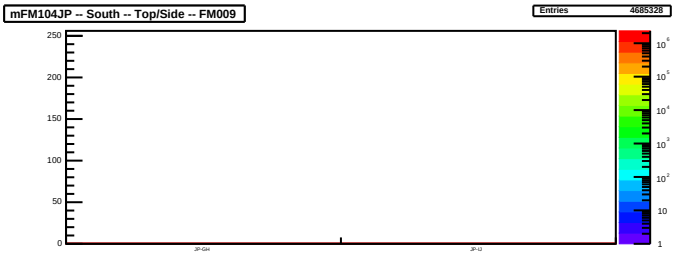
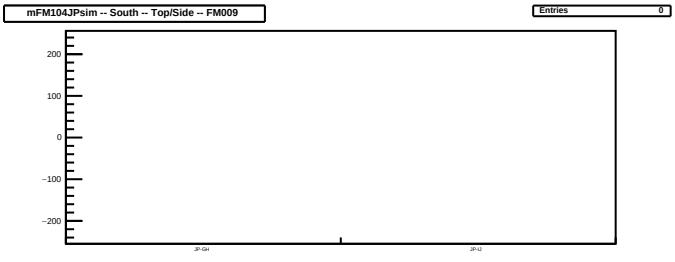
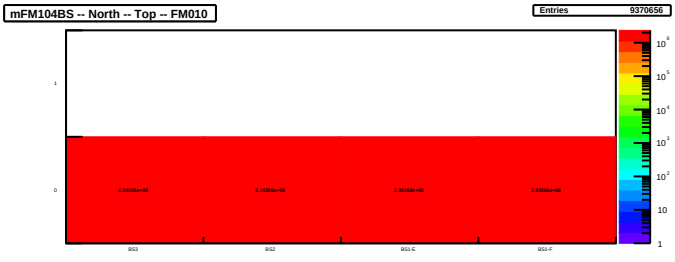
Entries 0
BS3
BS2
BS1
Unused

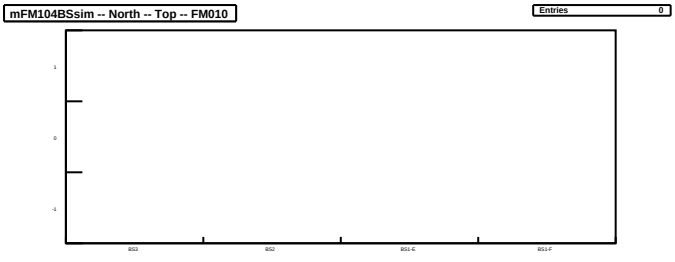

mFM104J -- South -- Top/Side -- FM009
Entries 2342664
J(23)

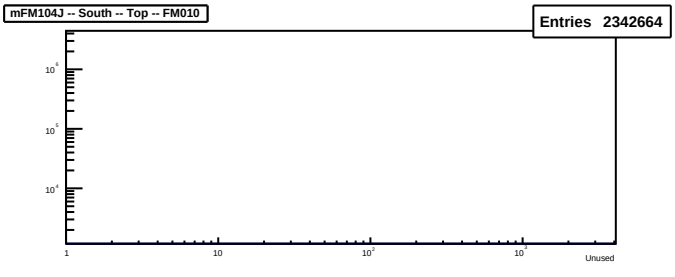

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

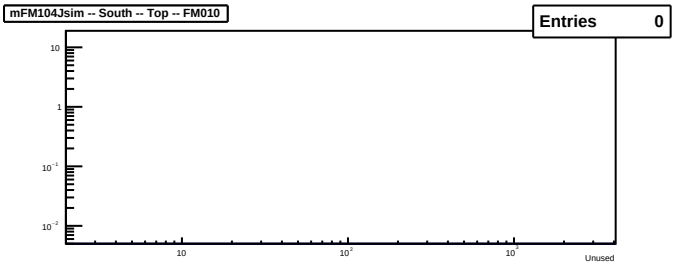

mFM104JP -- South -- Top/Side -- FM009
Entries 4685328
JP-GH
JP-IJ


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


mFM104BS -- North -- Top -- FM010
Entries 9370656
BS3
BS2
BS1-E
BS1-F


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


mFM104J -- South -- Top -- FM010
Entries 2342664
Unused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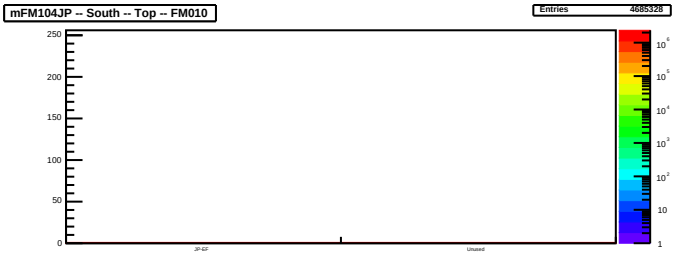
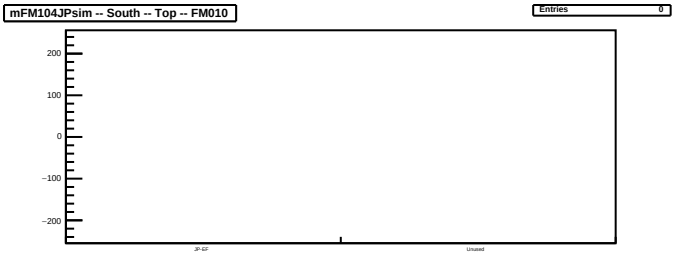
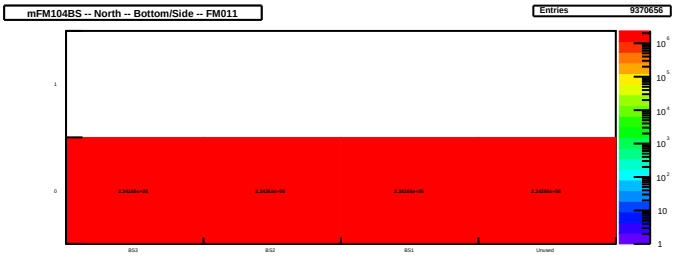
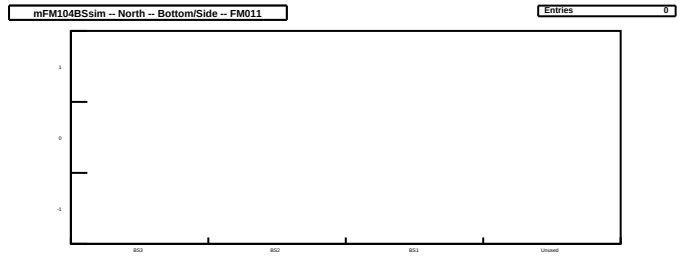
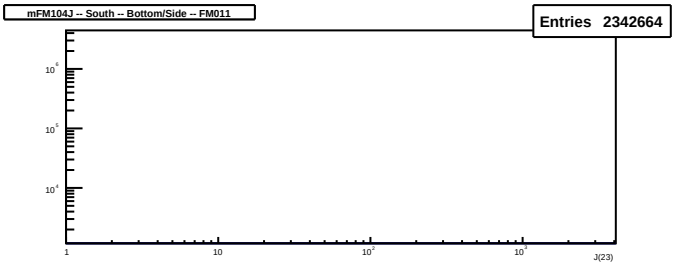
Entries 0
Unused

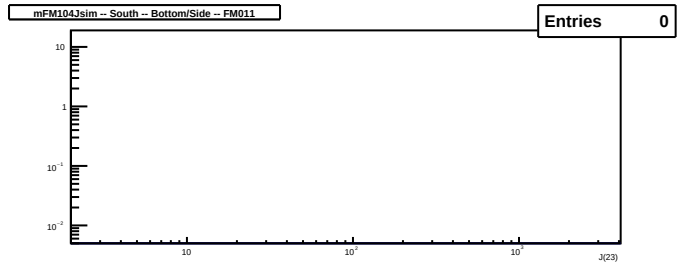

mFM104JP -- South -- Top -- FM010
Entries 4685328
JP-EF
Unused

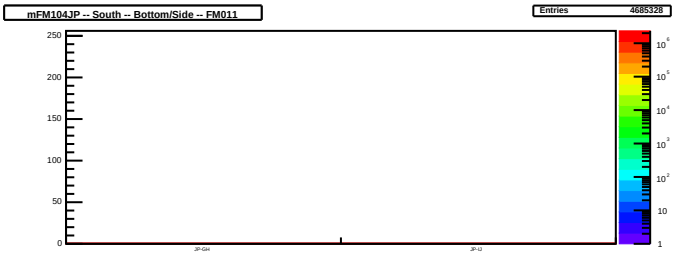

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

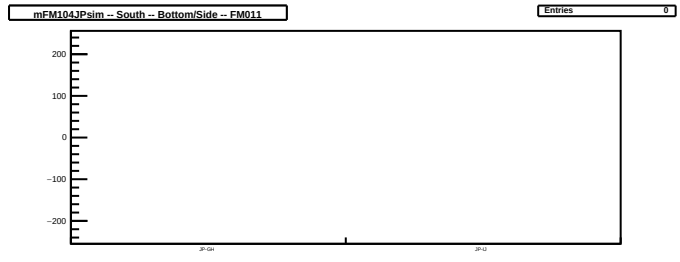

mFM104BS -- North -- Bottom/Side -- FM011
Entries 9370656
BS3
BS2
BS1
Unused

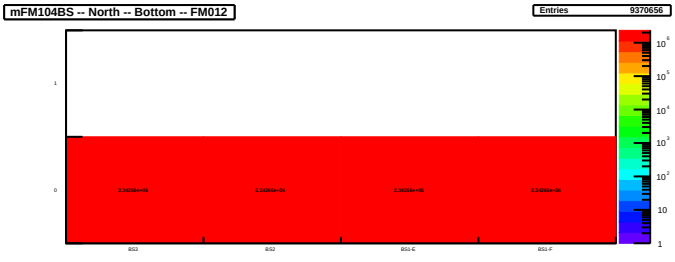

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

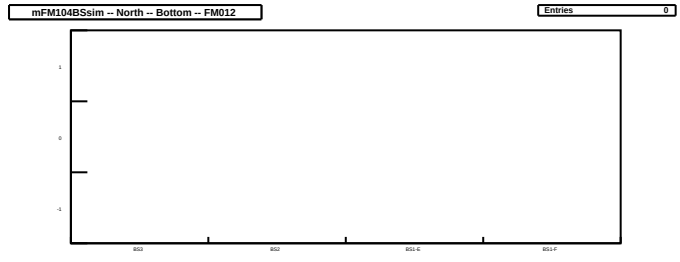

mFM104J -- South -- Bottom/Side -- FM011
Entries 2342664
J(23)

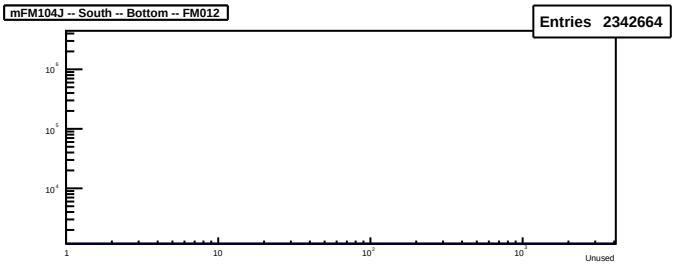

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

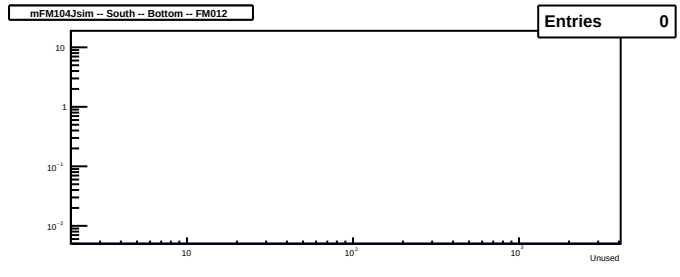

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4685328
JP-GH
JP-IJ


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

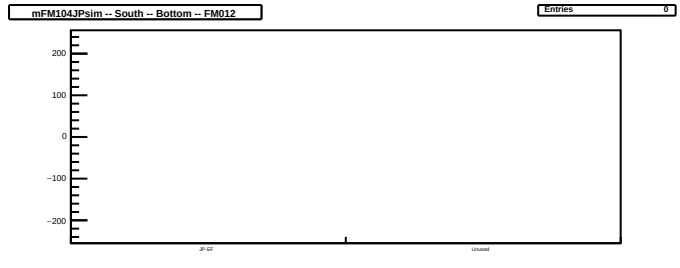

mFM104BS -- North -- Bottom -- FM012
Entries 9370656
BS3
BS2
BS1-E
BS1-F

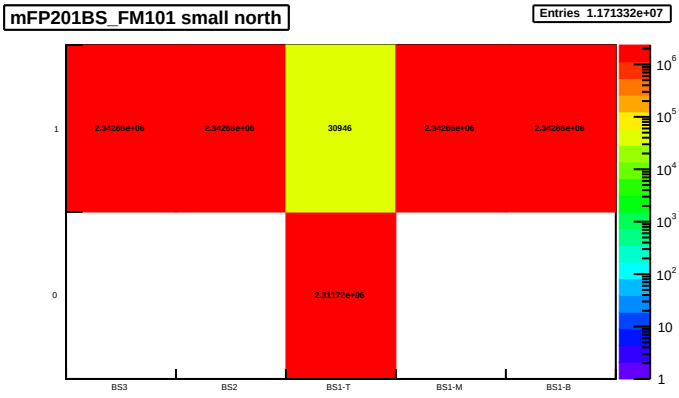

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

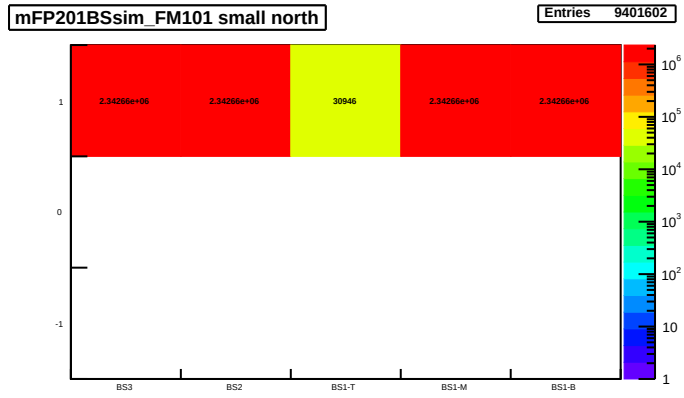

mFM104J -- South -- Bottom -- FM012
Entries 2342664
Unused

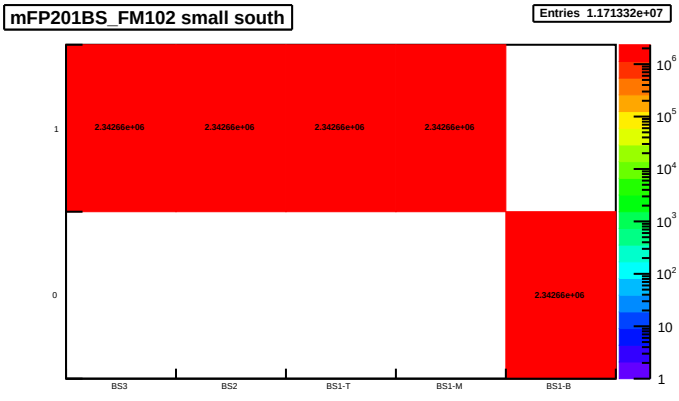

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

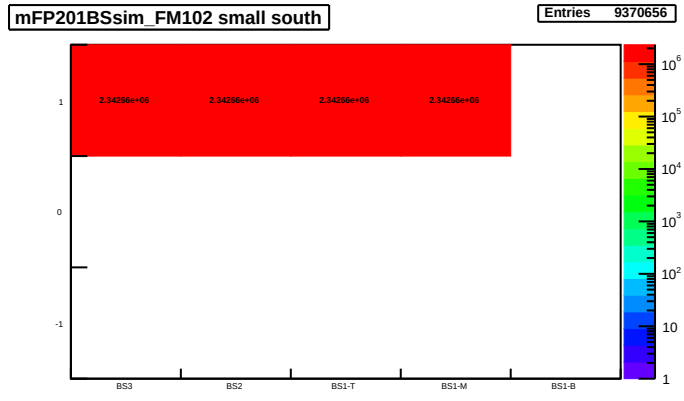
mFM104JP -- South -- Bottom -- FM012
Entries 4685328
JP-EF
Unused

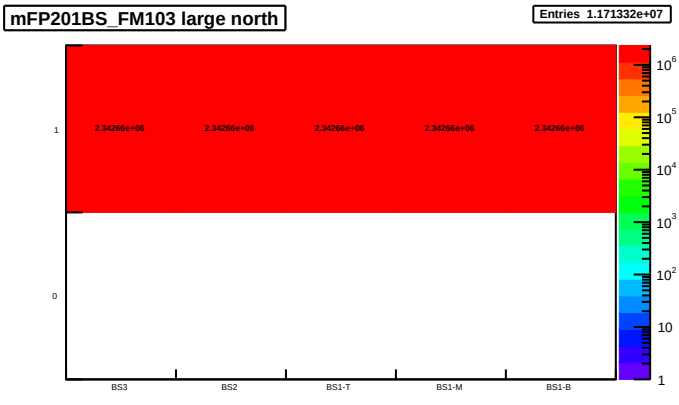

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

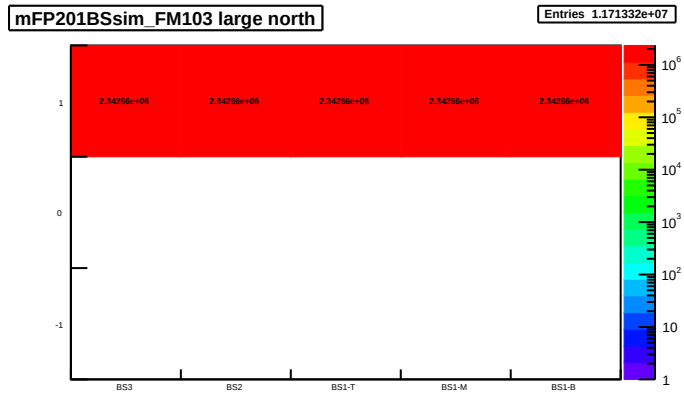

mFP201BS_FM101 small north
Entries 1.171332e+07
2.34266e+06
2.34266e+06
30946
2.34266e+06
2.34266e+06
2.31172e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

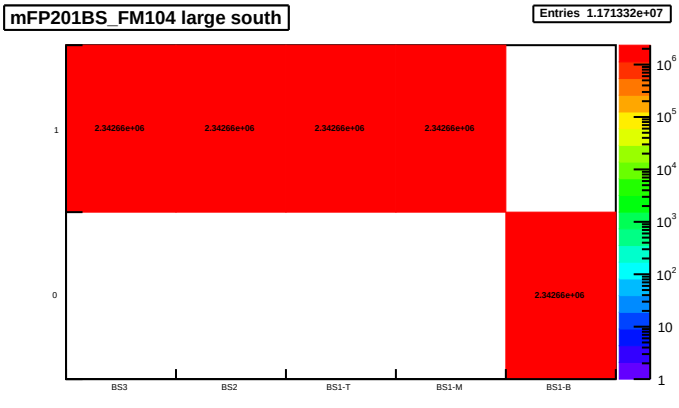

mFP201BSsim_FM101 small north
Entries 9401602
2.34266e+06
2.34266e+06
30946
2.34266e+06
2.34266e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

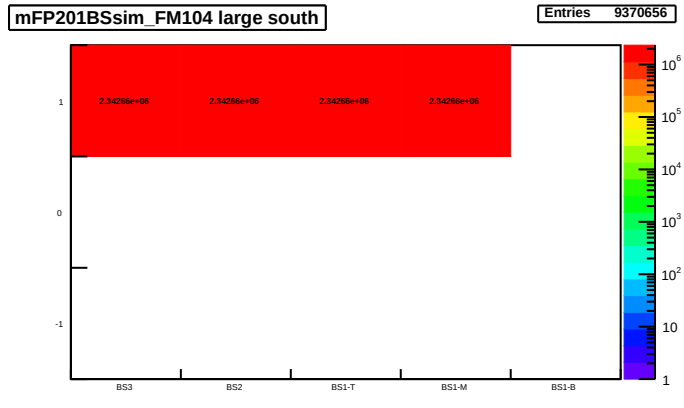

mFP201BS_FM102 small south
Entries 1.171332e+07
2.34266e+06
2.34266e+06
2.34266e+06
2.34266e+06
2.34266e+06
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM102 small south
Entries 9370656
2.34266e+06
2.34266e+06
2.34266e+06
2.34266e+06
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM103 large north
Entries 1.171332e+07
2.34266e+06
2.34266e+06
2.34266e+06
2.34266e+06
2.34266e+06
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM103 large north
Entries 1.171332e+07
2.34266e+06
2.34266e+06
2.34266e+06
2.34266e+06
2.34266e+06
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM104 large south
Entries 1.171332e+07
2.34266e+06
2.34266e+06
2.34266e+06
2.34266e+06
2.34266e+06
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM104 large south
Entries 9370656
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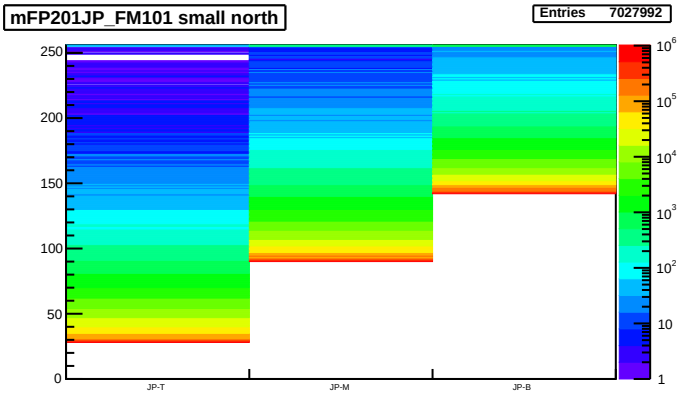
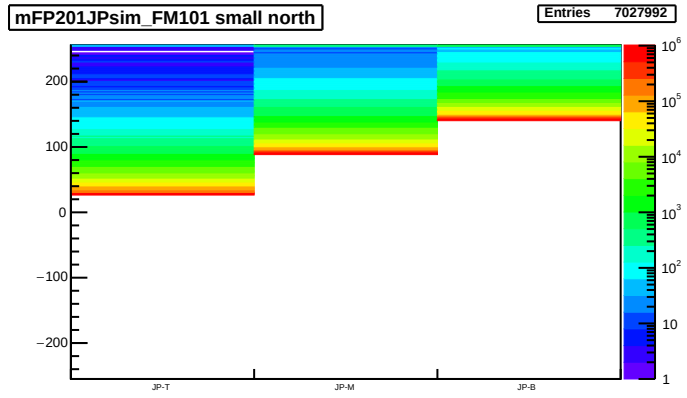
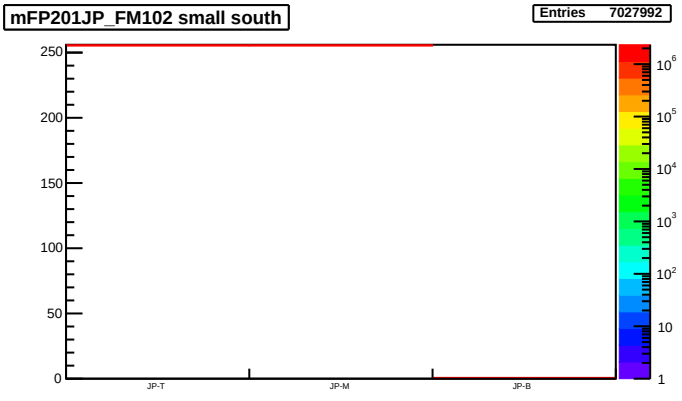
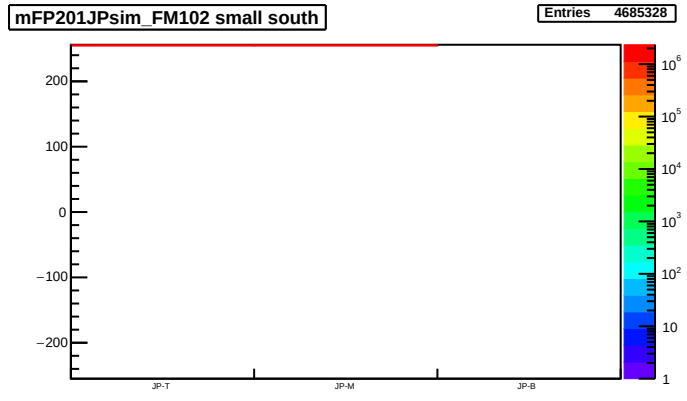
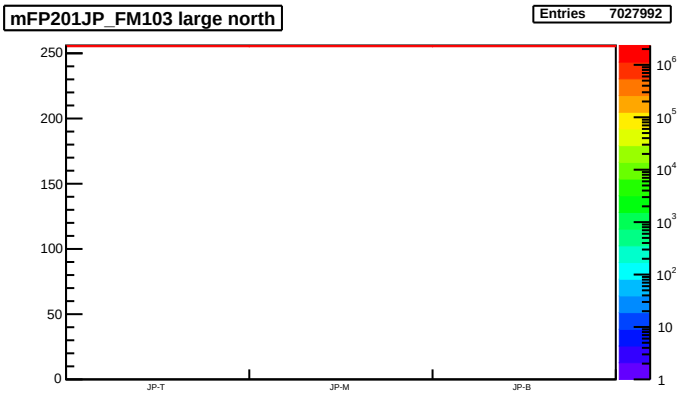
2.34266e+06
2.34266e+06
2.34266e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

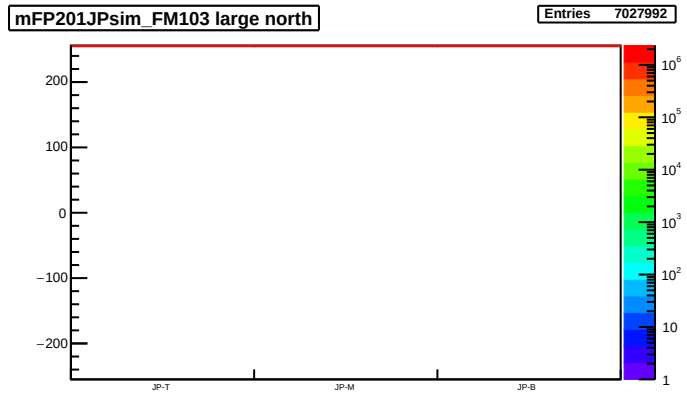

mFP201JP_FM101 small north
Entries 7027992
JP-T
JP-M
JP-B

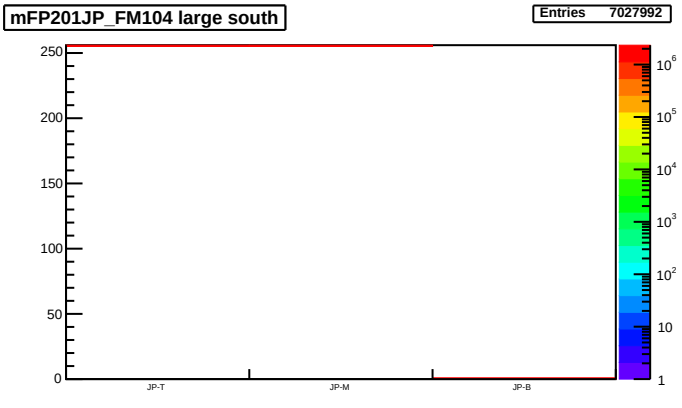

mFP201JPsim_FM101 small north
Entries 7027992
JP-T
JP-M
JP-B

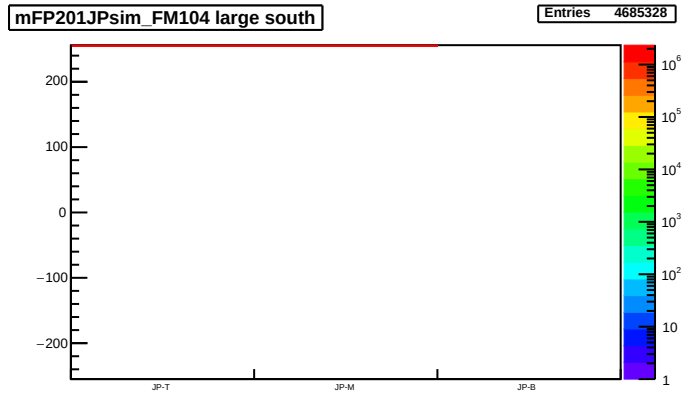

mFP201JP_FM102 small south
Entries 7027992
JP-T
JP-M
JP-B

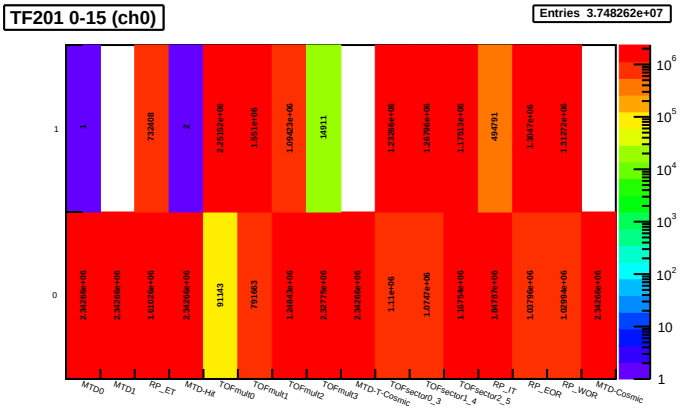

mFP201JPsim_FM102 small south
Entries 4685328
JP-T
JP-M
JP-B

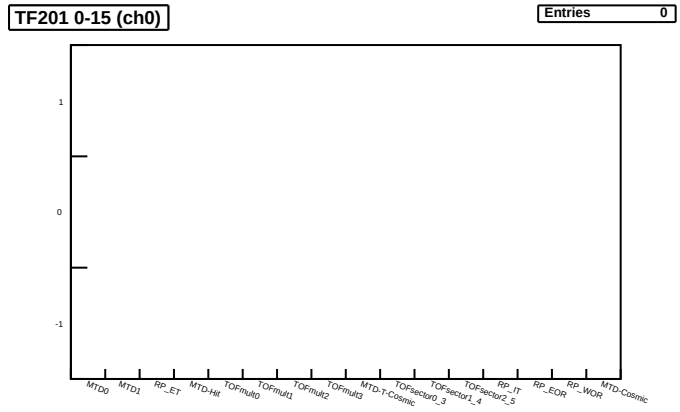

mFP201JP_FM103 large north
Entries 7027992
JP-T
JP-M
JP-B


mFP201JPsim_FM103 large north
Entries 7027992
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 7027992
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 4685328
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 3.748262e+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
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TOFsector0_3
TOFsector1_4
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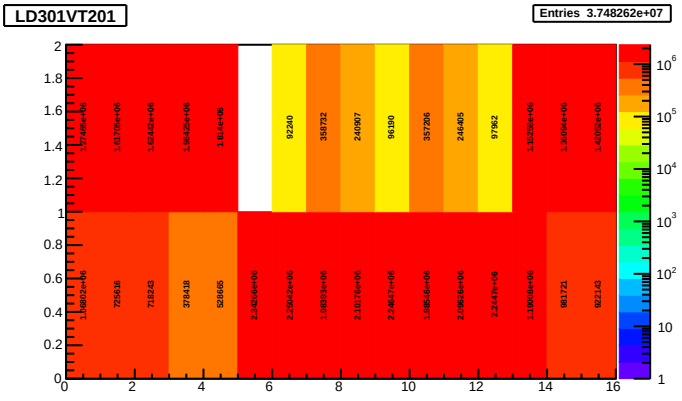
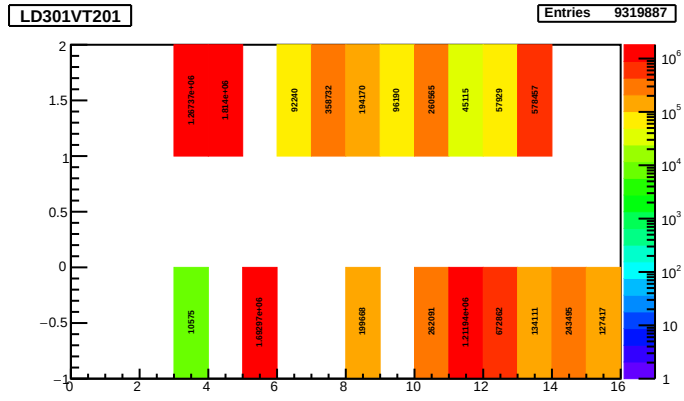
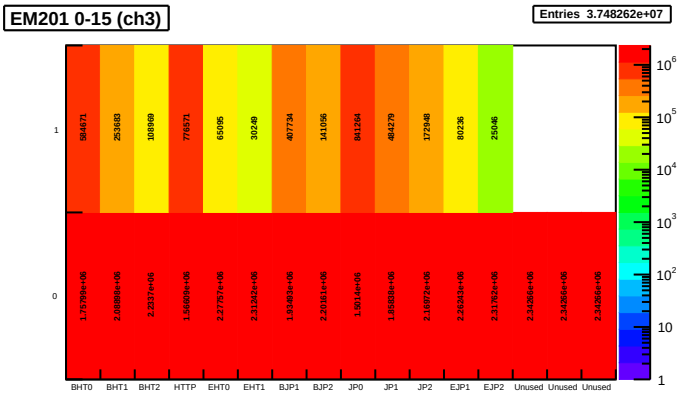
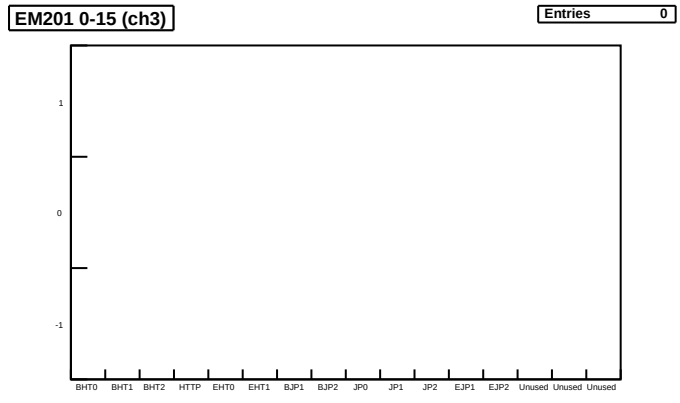
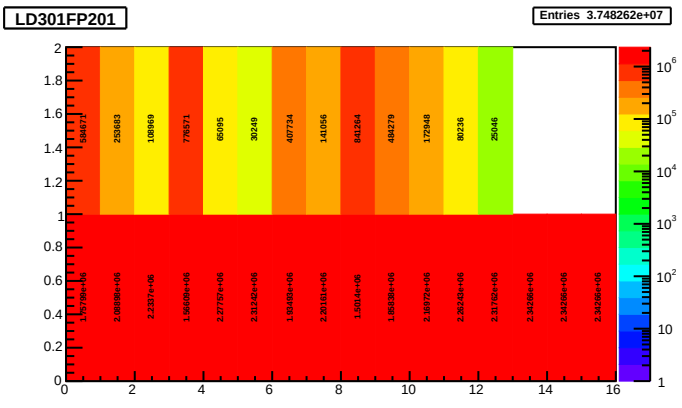
RP_IT
RP_EOR
RP_WOR
MTD-Cosmic

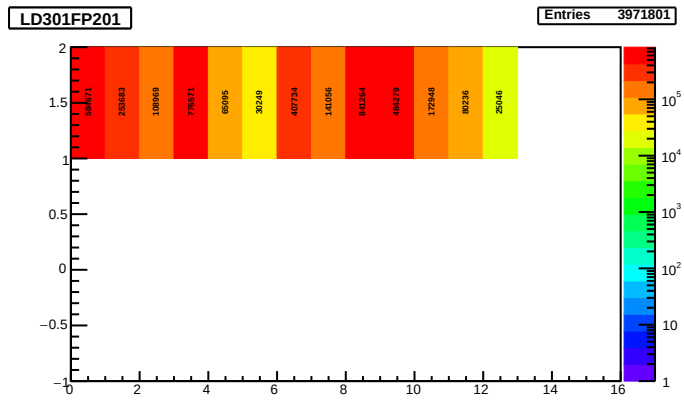

LD301VT201
Entries 3.748262e+07


LD301VT201
Entries 9319887


EM201 0-15 (ch3)
Entries 3.748262e+07
BHT0
BHT1
BHT2
HTTP
EHT0
EHT1
BJP1
BJP2
JP0
JP1
JP2
EJP1
EJP2
Unused
Unused
Unused


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


LD301FP201
Entries 3.748262e+07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