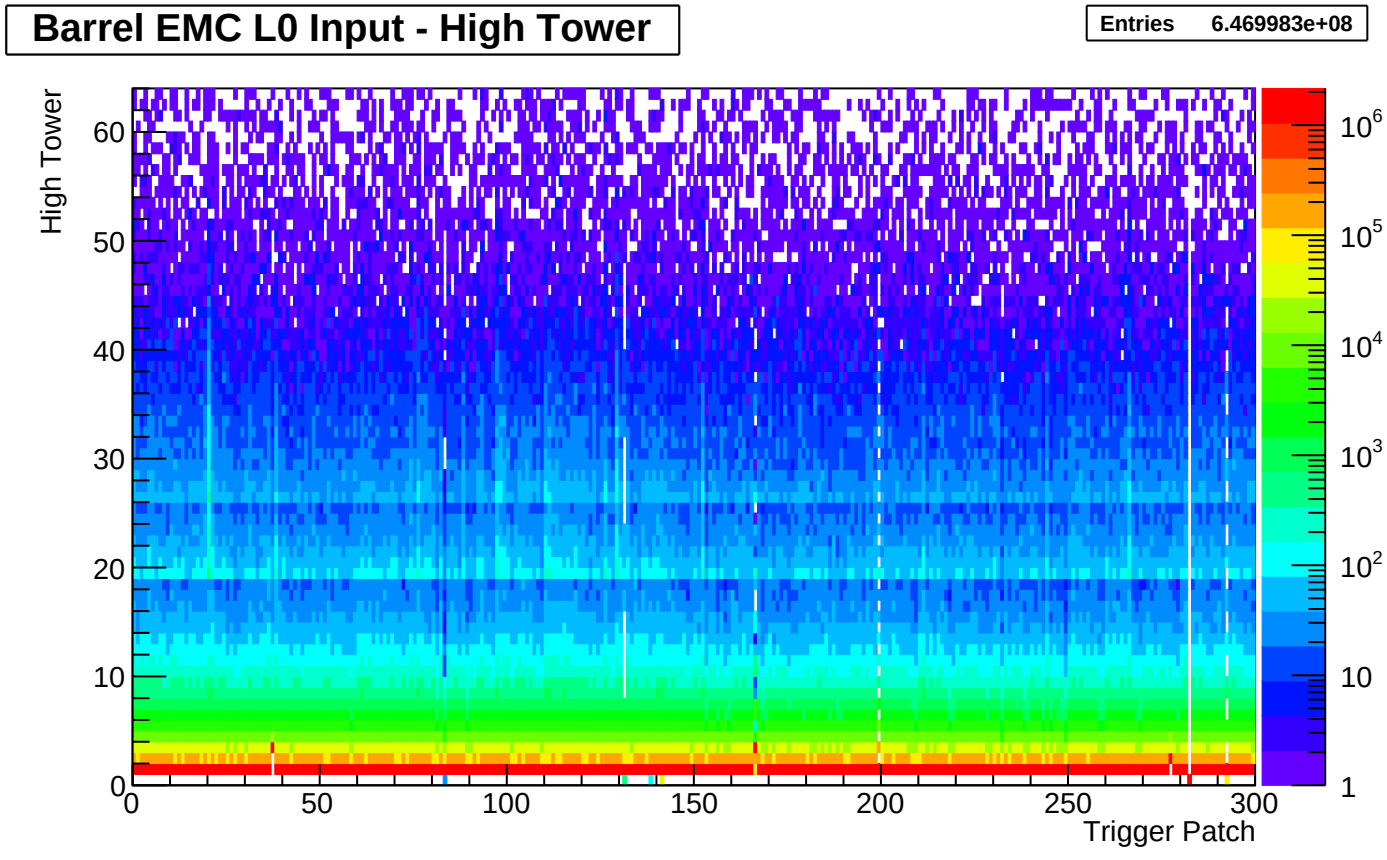
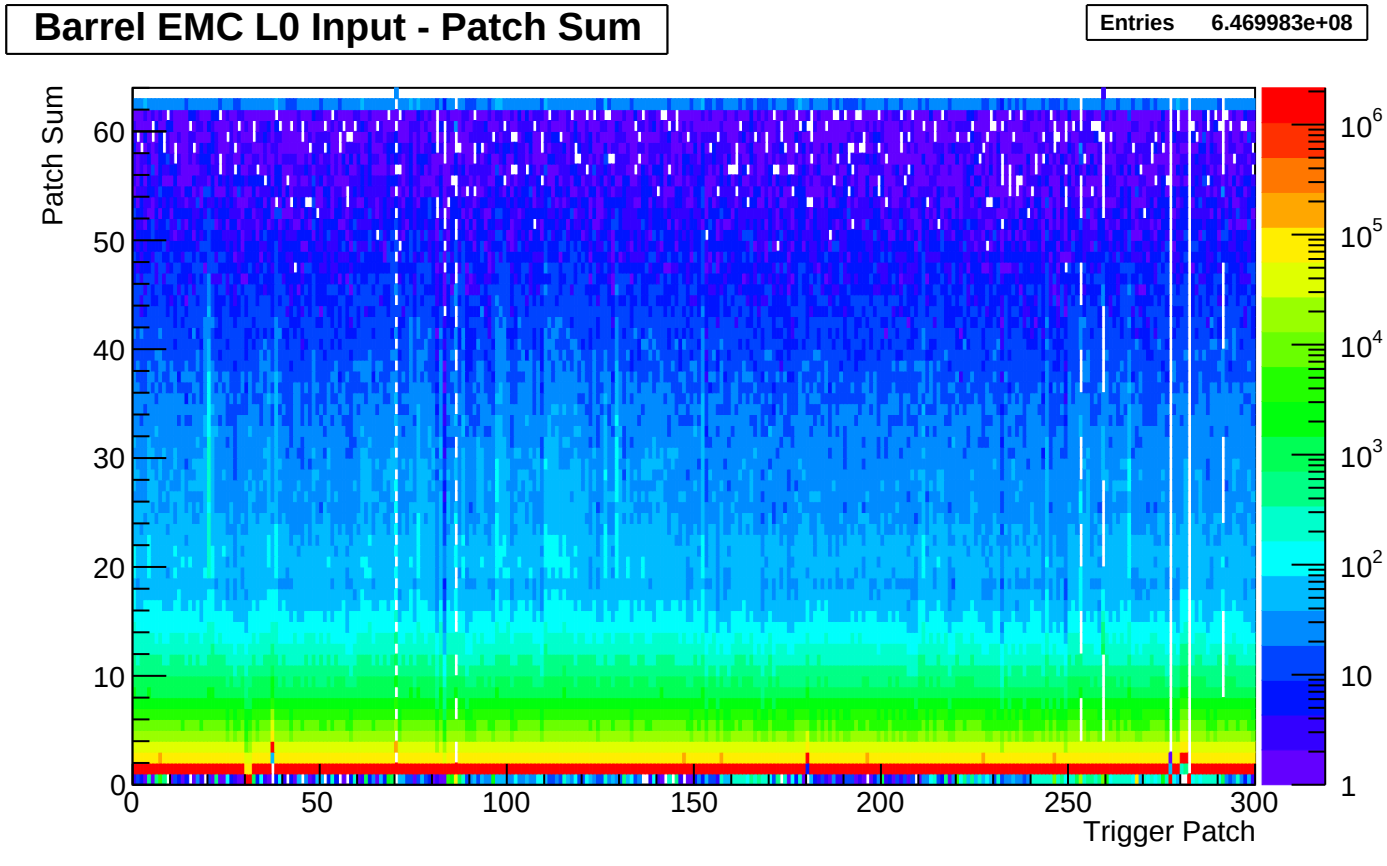
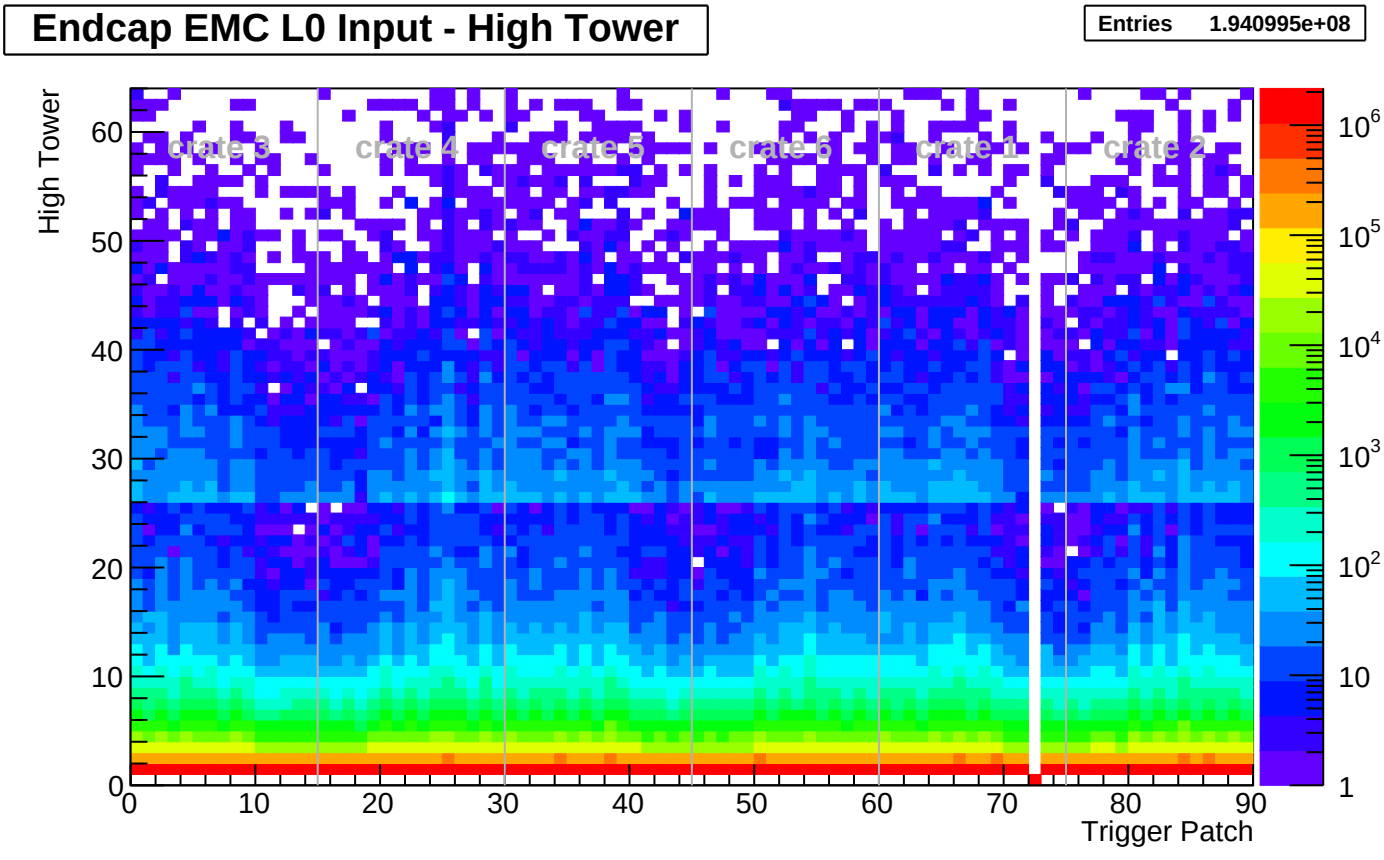
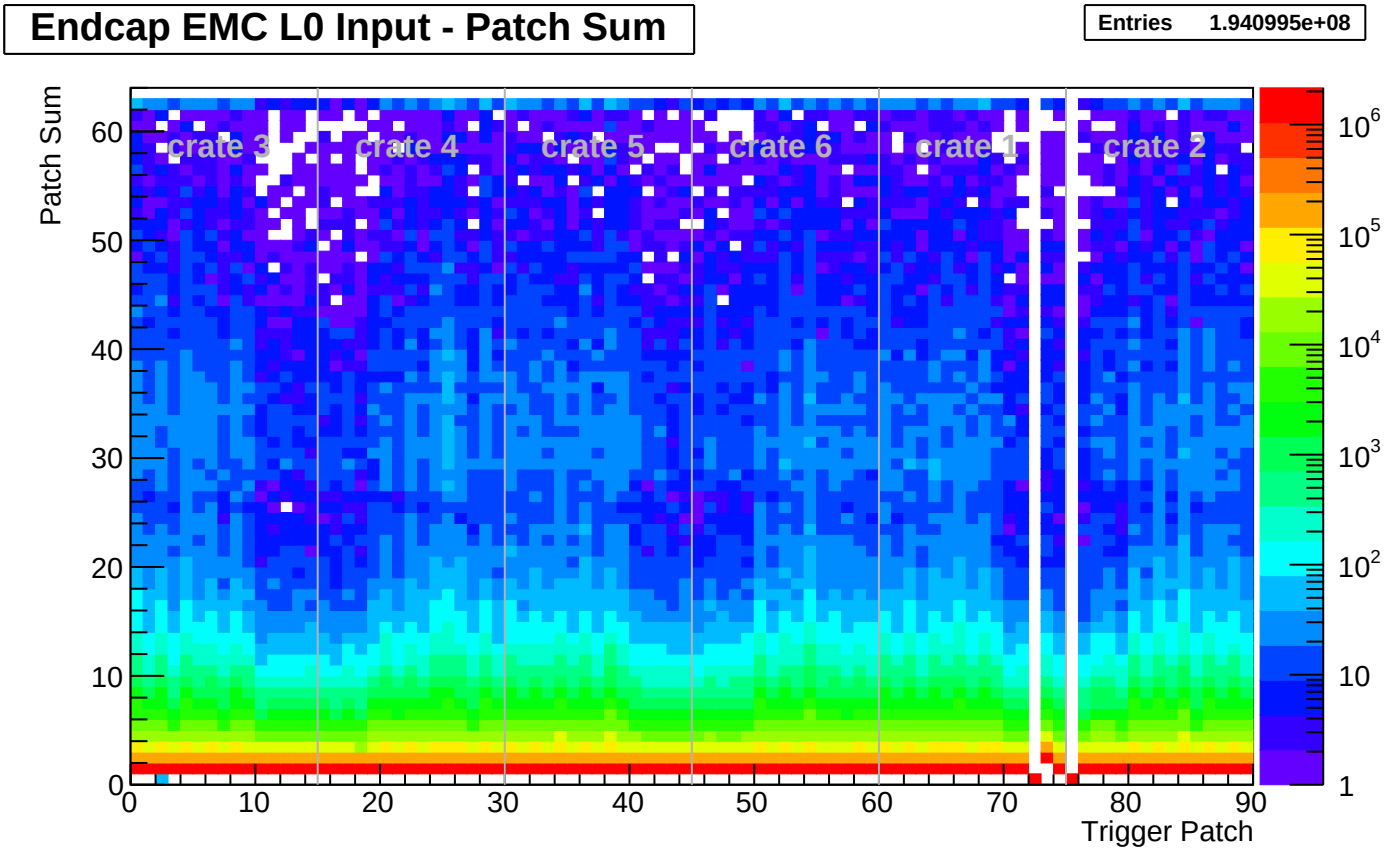
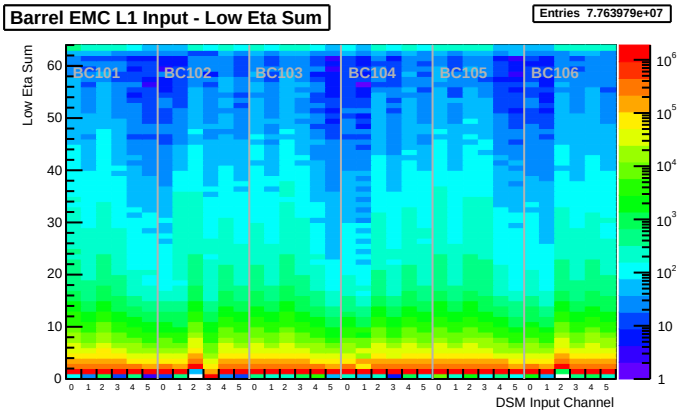
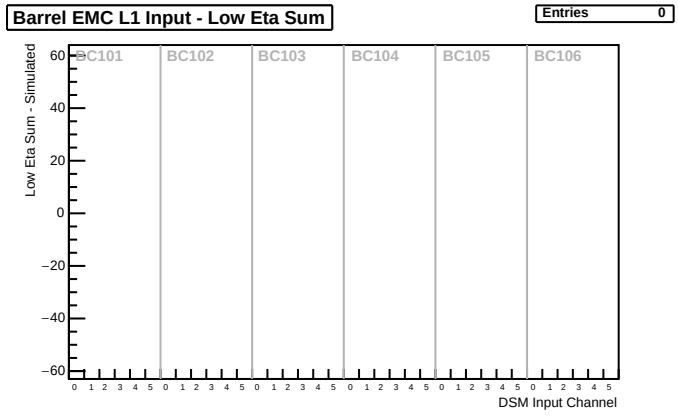

Barrel EMC L0 Input - High Tower
Entries 6.469983e+08
High Tower
Trigger Patch

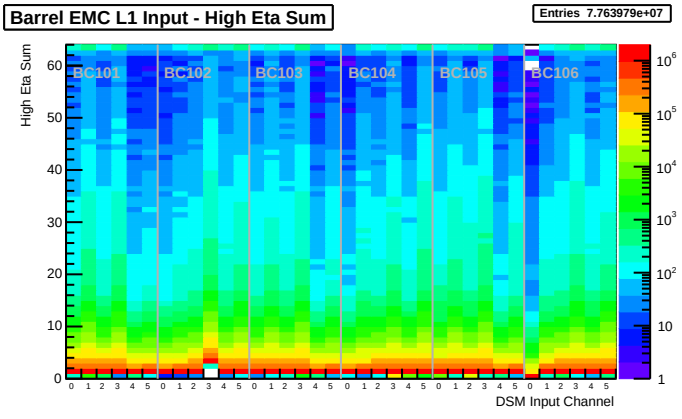

Barrel EMC L0 Input - Patch Sum
Entries 6.469983e+08
Patch Sum
Trigger Patch

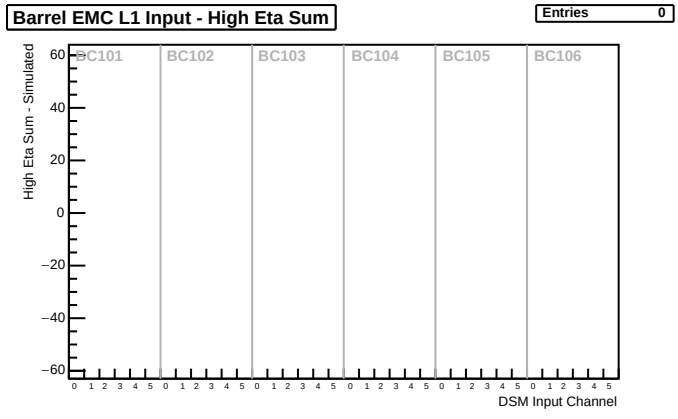

Endcap EMC L0 Input - High Tower
Entries 1.940995e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

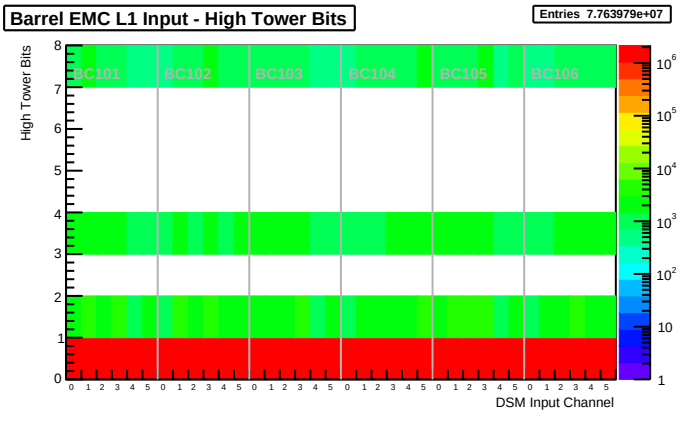

Endcap EMC L0 Input - Patch Sum
Entries 1.940995e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

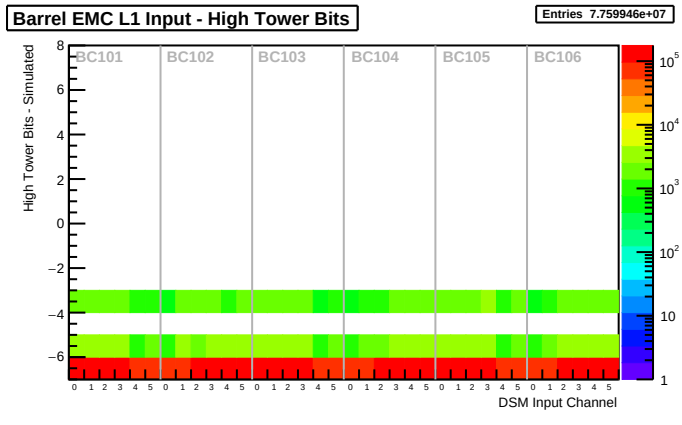

Barrel EMC L1 Input - Low Eta Sum
Entries 7.763979e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

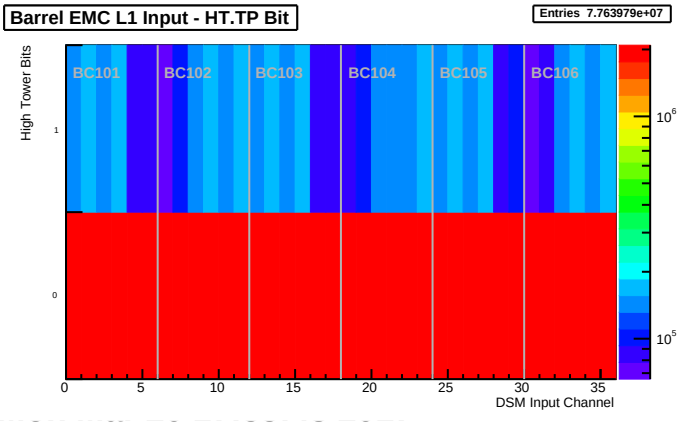

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

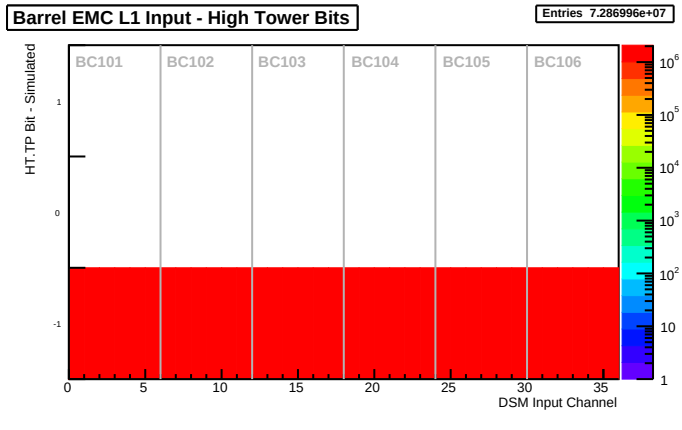

Barrel EMC L1 Input - High Eta Sum
Entries 7.763979e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

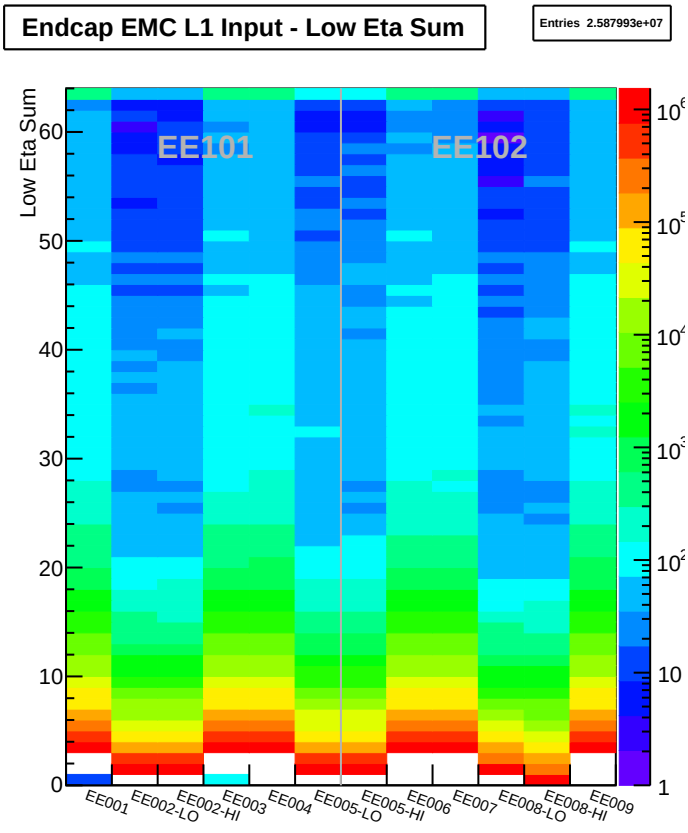

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

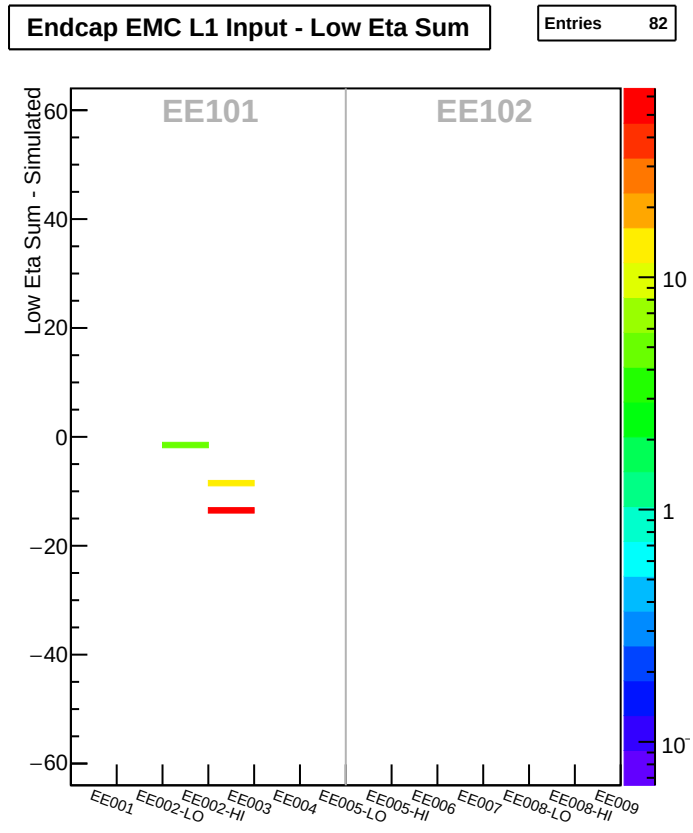

Barrel EMC L1 Input - High Tower Bits
Entries 7.763979e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

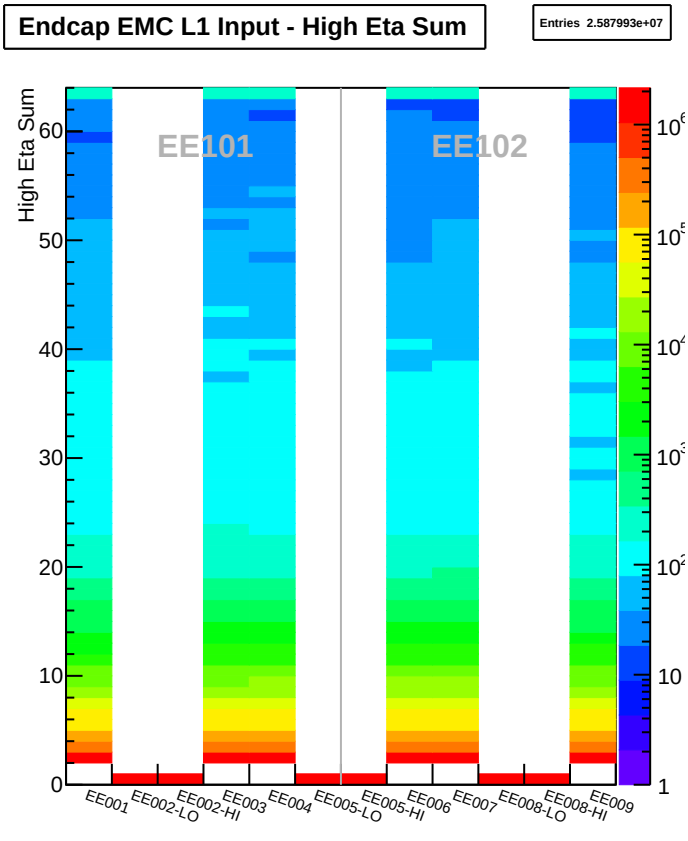

Barrel EMC L1 Input - High Tower Bits
Entries 7.759946e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

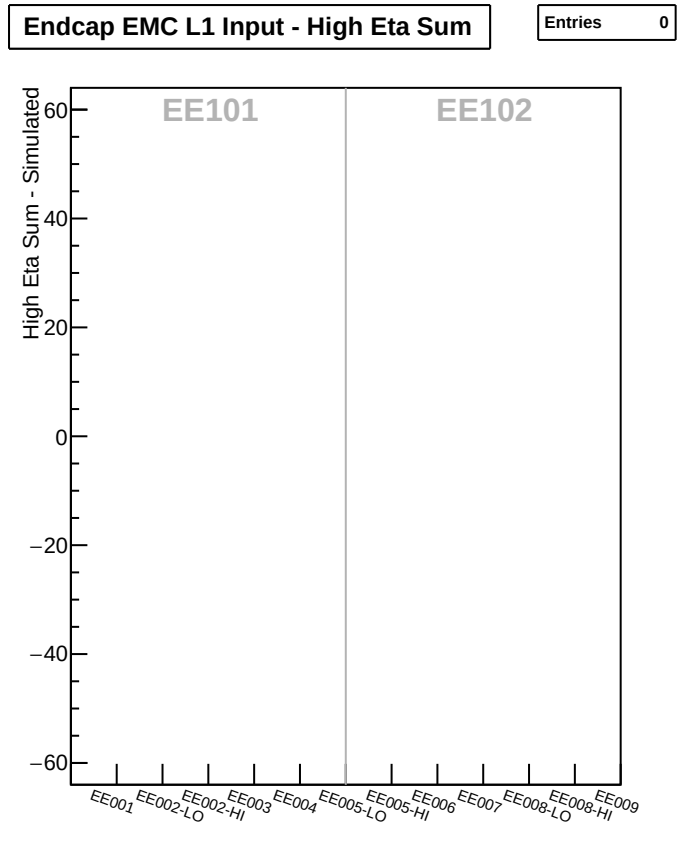

Barrel EMC L1 Input - HT.TP Bit
Entries 7.763979e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

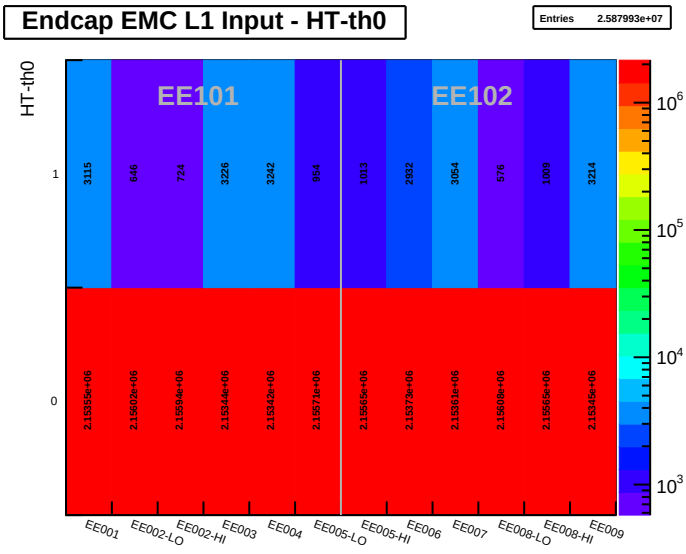

Barrel EMC L1 Input - High Tower Bits
Entries 7.286996e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

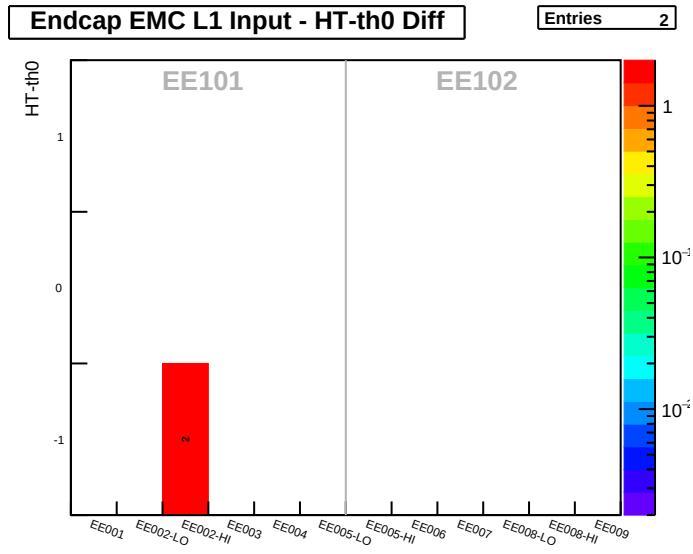

Endcap EMC L1 Input - Low Eta Sum
Entries 2.587993e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

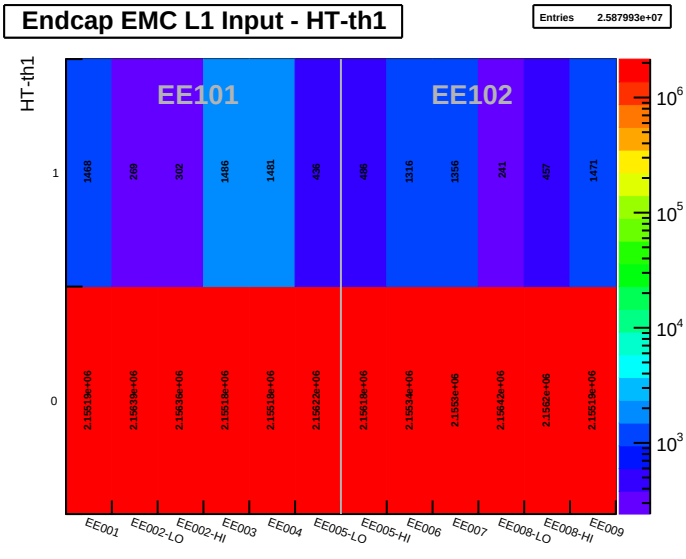

Endcap EMC L1 Input - Low Eta Sum
Entries 82
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

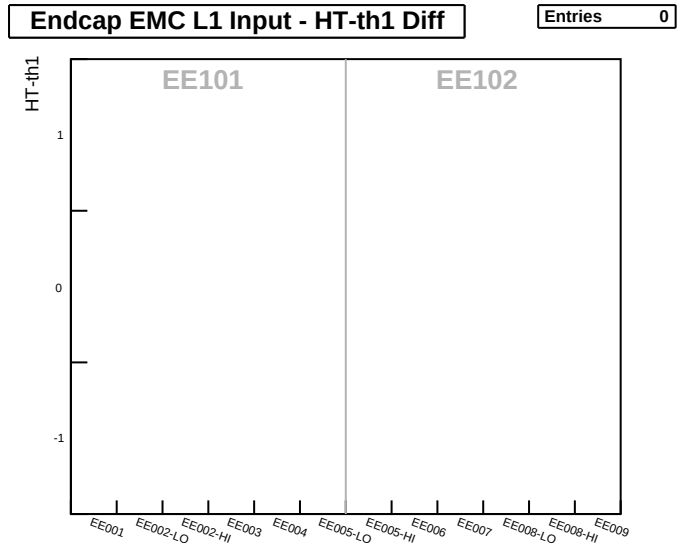

Endcap EMC L1 Input - High Eta Sum
Entries 2.587993e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

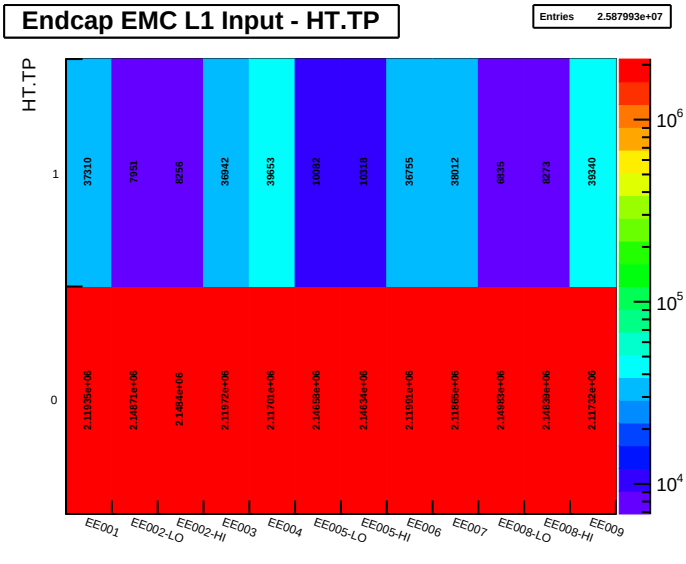

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

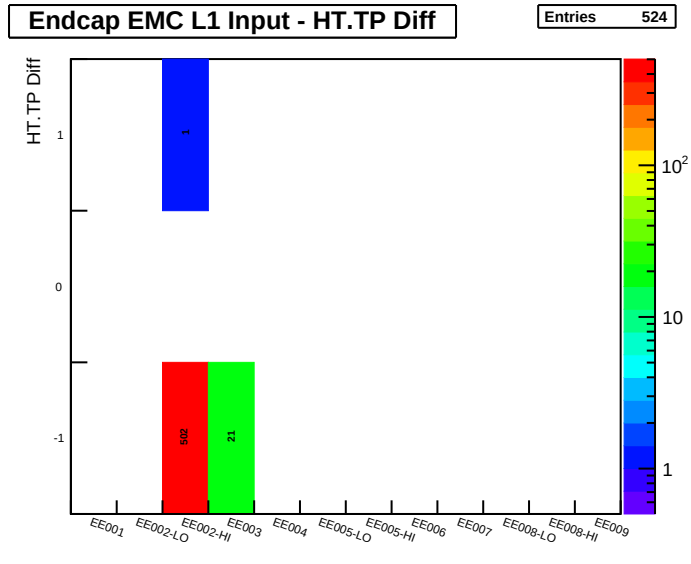

Endcap EMC L1 Input - HT-th0
Entries 2.587993e+07
HT-th0
EE101
EE102
1
0
3115 646 724 3226 3242 954 1013 2832 3054 576 1009 3214
2.15356e+06 2.15602e+06 2.15594e+06 2.15346e+06 2.15342e+06 2.15571e+06 2.15556e+06 2.15372e+06 2.15361e+06 2.15609e+06 2.15565e+06 2.15345e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

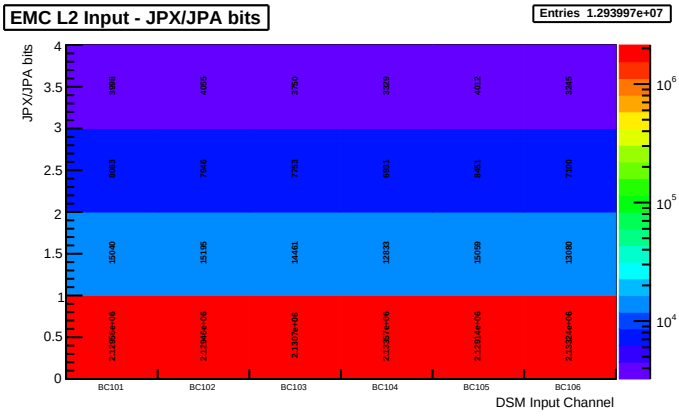

Endcap EMC L1 Input - HT-th0 Diff
Entries 2
HT-th0
EE101
EE102
1
0
-1
2
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
1

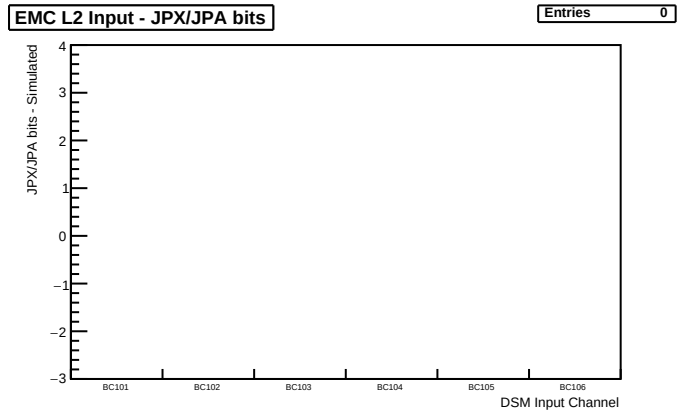

Endcap EMC L1 Input - HT-th1
Entries 2.587993e+07
HT-th1
EE101
EE102
1
0
1468 269 302 1486 1481 436 486 1316 1356 241 457 1471
2.15519e+06 2.15539e+06 2.15536e+06 2.15518e+06 2.15518e+06 2.15522e+06 2.15518e+06 2.15534e+06 2.1553e+06 2.15542e+06 2.1552e+06 2.15519e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

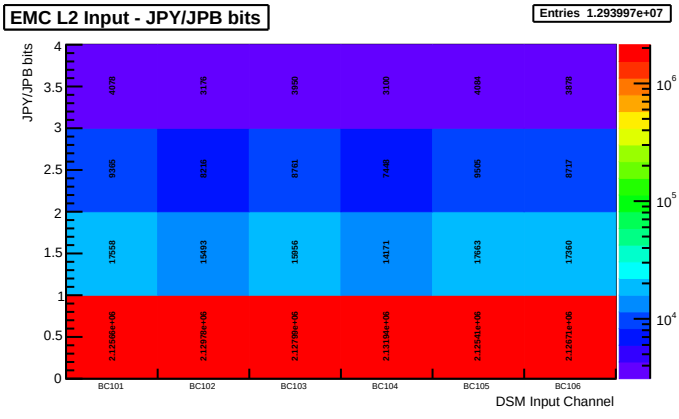

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

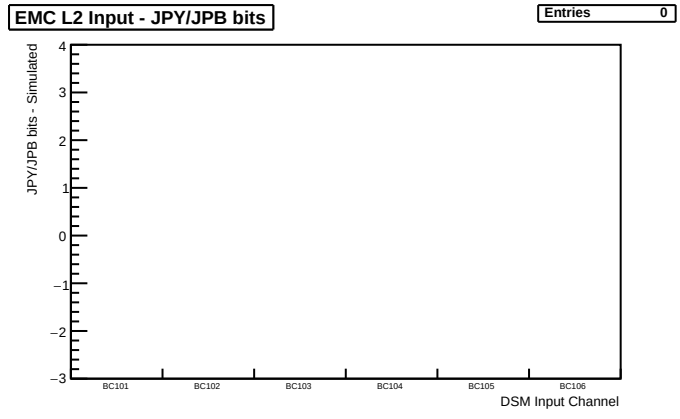

Endcap EMC L1 Input - HT.TP
Entries 2.587993e+07
HT.TP
1
0
37310 7951 8256 36942 39653 10082 10318 36755 38012 8635 8273 39340
2.11935e+06 2.14871e+06 2.1484e+06 2.11972e+06 2.11701e+06 2.14658e+06 2.14634e+06 2.11991e+06 2.11865e+06 2.14682e+06 2.14639e+06 2.11732e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4

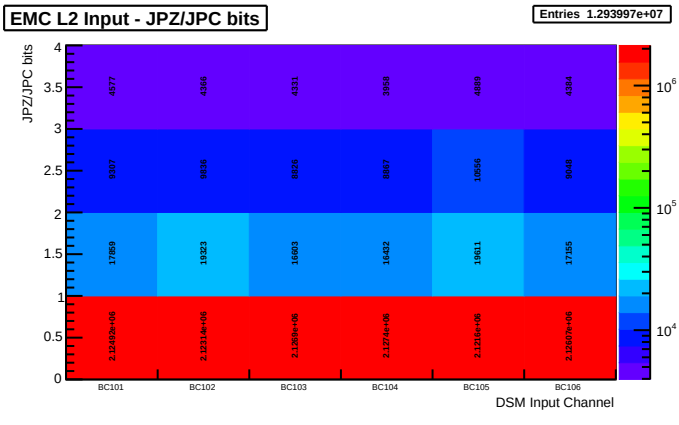

Endcap EMC L1 Input - HT.TP Diff
Entries 524
HT.TP Diff
1
0
-1
1
502
21
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^2
10
1

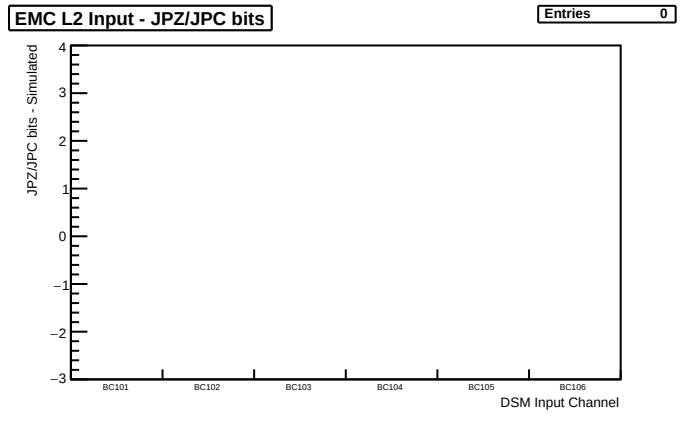

EMC L2 Input - JPX/JPA bits
Entries 1.293997e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
3998
4055
3750
3329
4012
3245
8063
7946
7753
6931
8461
7100
15040
15195
14461
12833
15059
13080
2.12984e+06
2.12946e+06
2.13076e+06
2.13357e+06
2.12914e+06
2.13324e+06

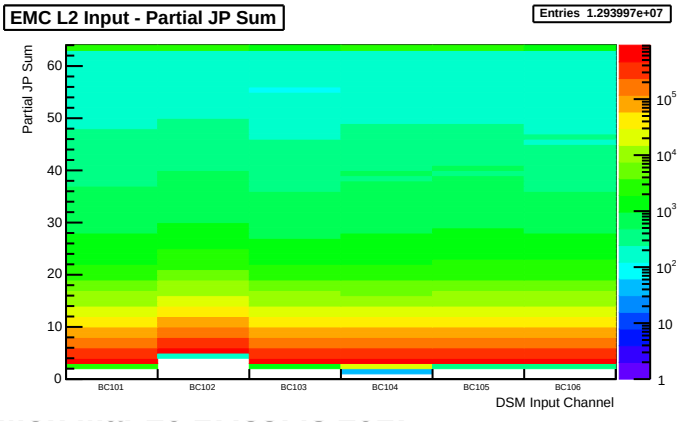

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

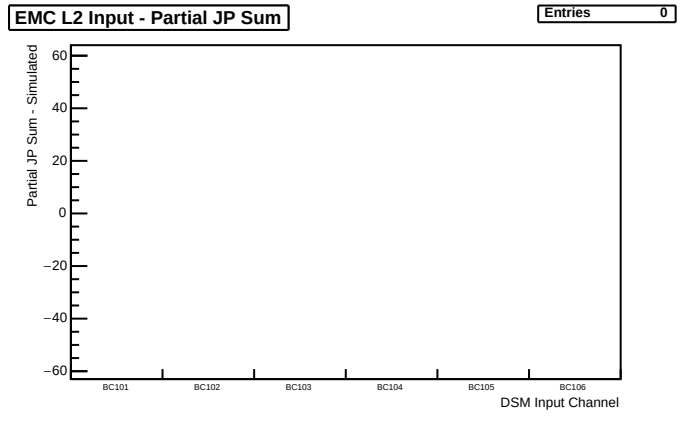

EMC L2 Input - JPY/JPB bits
Entries 1.293997e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
4078
3176
3950
3100
4094
3878
9385
8216
8761
7448
9505
8717
17558
15493
15956
14171
17663
17360
2.12566e+06
2.12979e+06
2.12799e+06
2.13194e+06
2.12541e+06
2.12671e+06

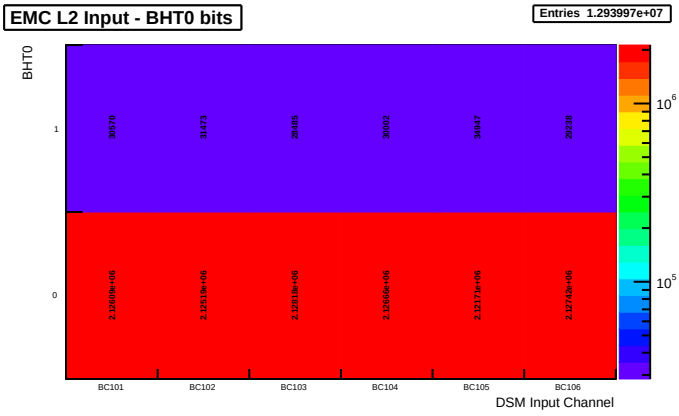

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

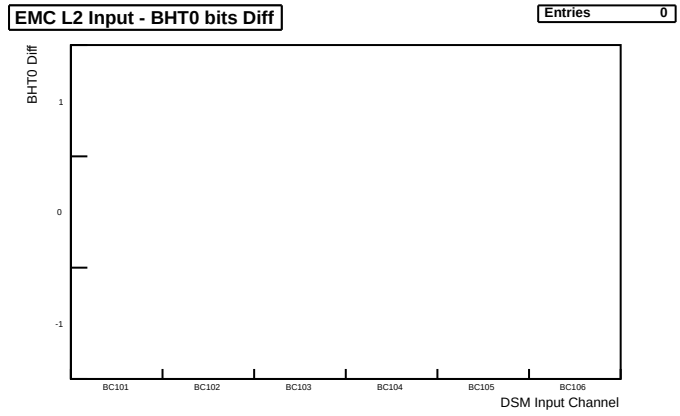

EMC L2 Input - JPZ/JPC bits
Entries 1.293997e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
4577
4366
4331
3958
4989
4384
9307
9836
8826
8867
10556
9048
17889
19323
16603
16432
19611
17155
2.12432e+06
2.12314e+06
2.12639e+06
2.12724e+06
2.12164e+06
2.12607e+06

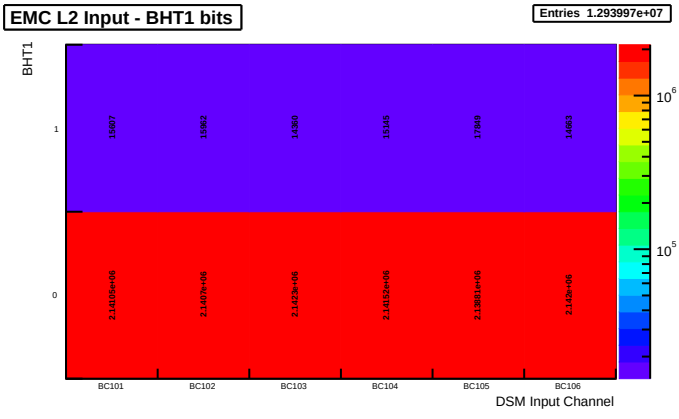

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

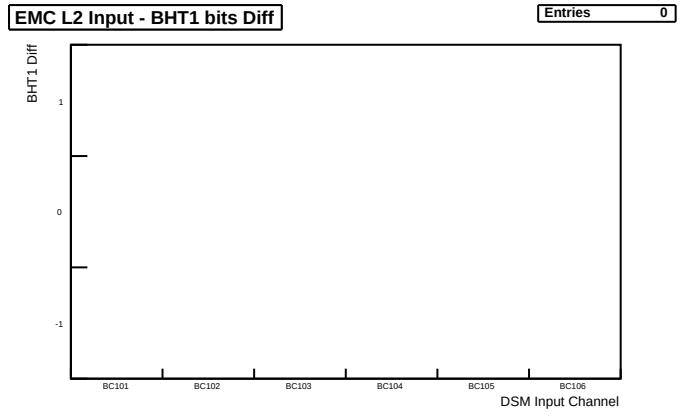

EMC L2 Input - Partial JP Sum
Entries 1.293997e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

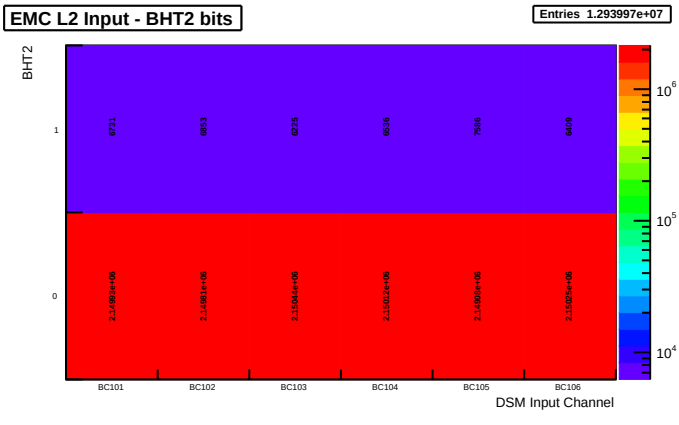

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

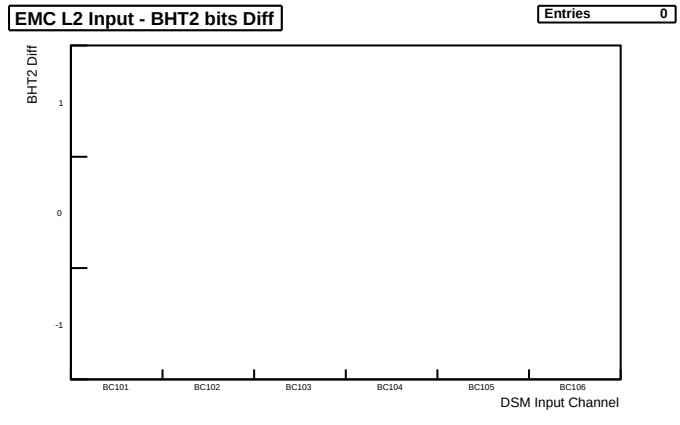

EMC L2 Input - BHT0 bits
Entries 1.293997e+07
BHT0
30570
31473
28485
30002
34947
29238
2.12609e+06
2.12519e+06
2.12819e+06
2.12666e+06
2.12171e+06
2.12742e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

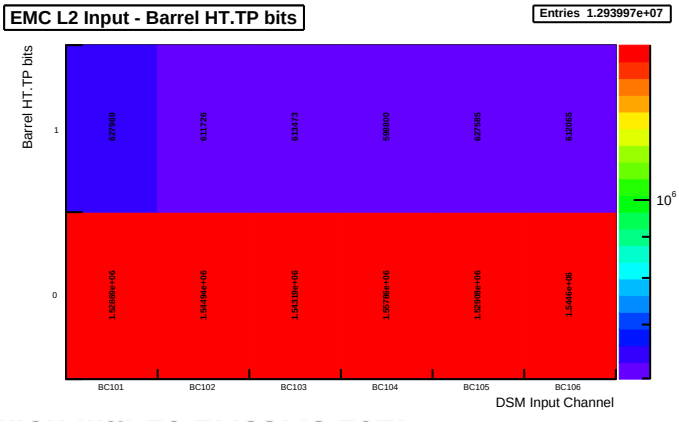

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

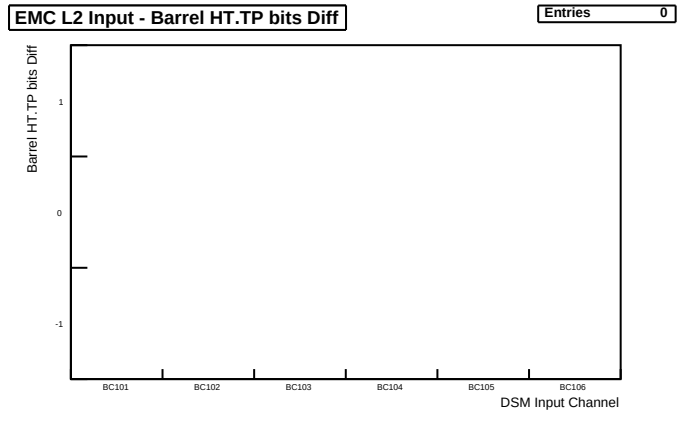

EMC L2 Input - BHT1 bits
Entries 1.293997e+07
BHT1
15607
15962
14580
15145
17849
14663
2.14105e+06
2.14076e+06
2.14236e+06
2.14152e+06
2.13831e+06
2.142e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

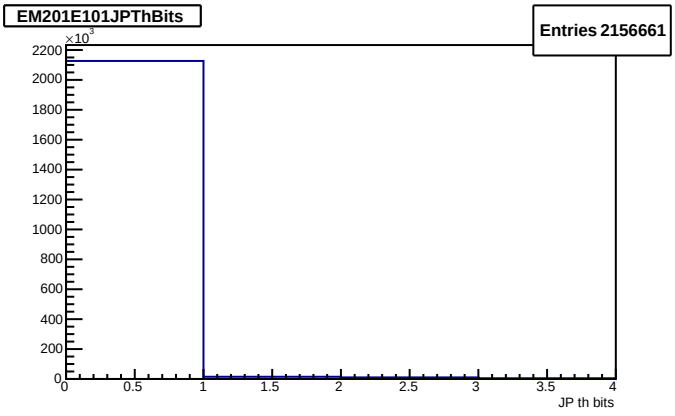

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

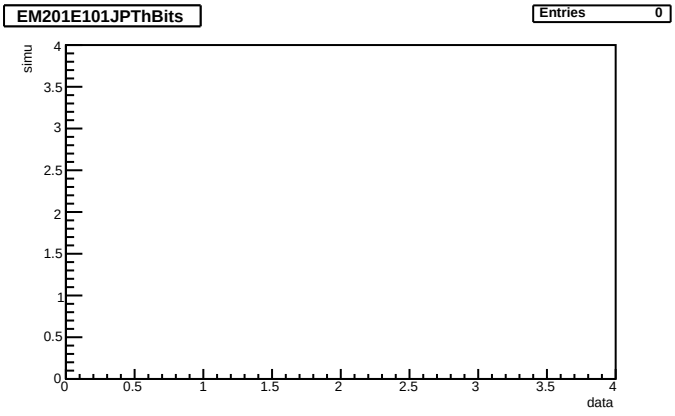

EMC L2 Input - BHT2 bits
Entries 1.293997e+07
BHT2
6731
6853
6225
6536
7586
6409
2.14893e+06
2.14981e+06
2.15044e+06
2.15012e+06
2.14908e+06
2.15025e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

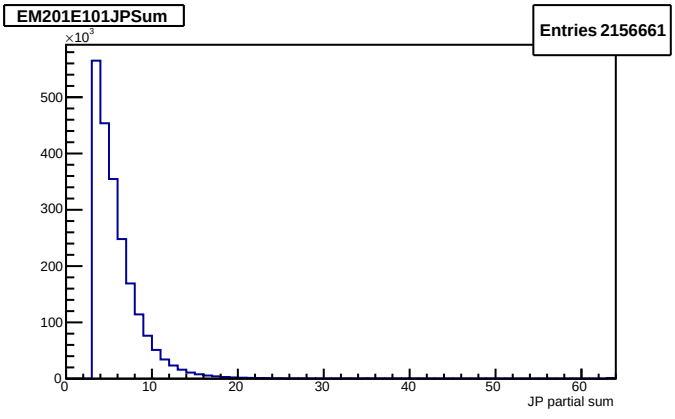

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

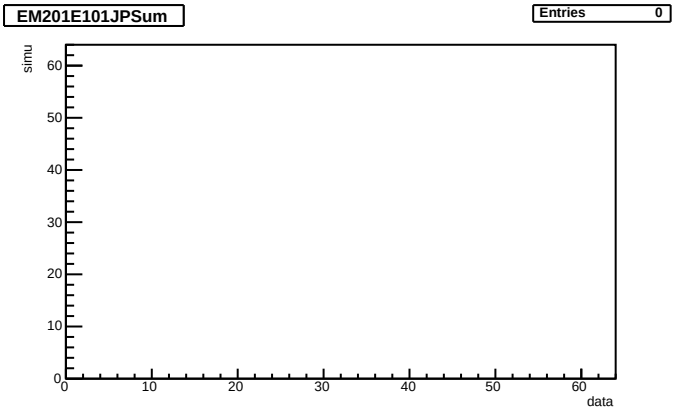

EMC L2 Input - Barrel HT.TP bits
Entries 1.293997e+07
Barrel HT.TP bits
627969
611726
613473
598800
627935
612065
1.52988e+06
1.54594e+06
1.54319e+06
1.55788e+06
1.52909e+06
1.5466e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

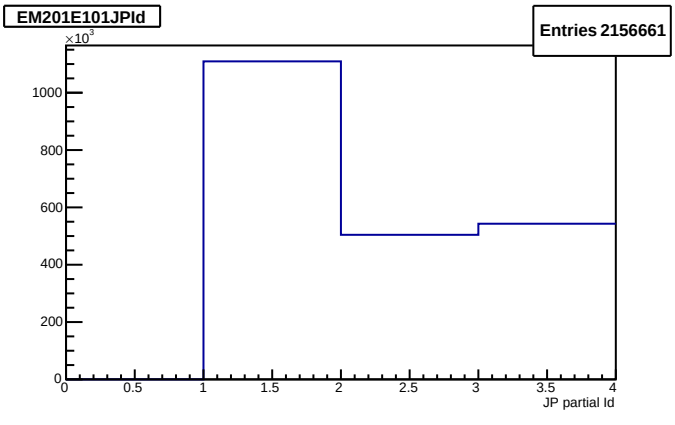

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

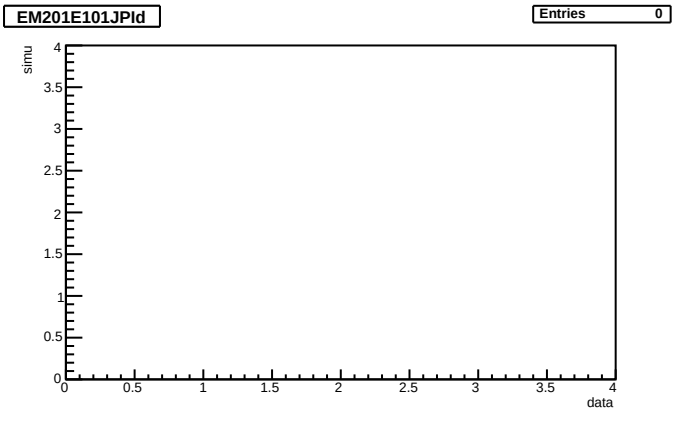

EM201E101JPThBits
Entries 2156661
JP th bits

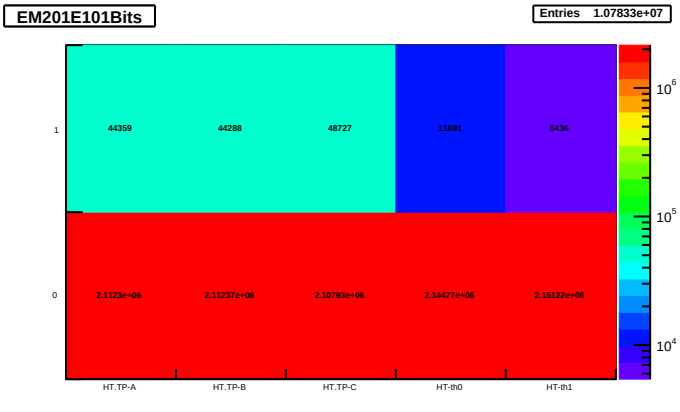

EM201E101JPThBits
Entries 0
simu
data

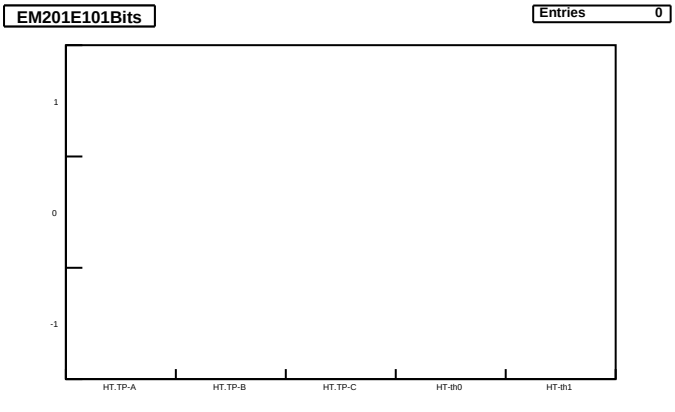

EM201E101JPSum
Entries 2156661
JP partial sum

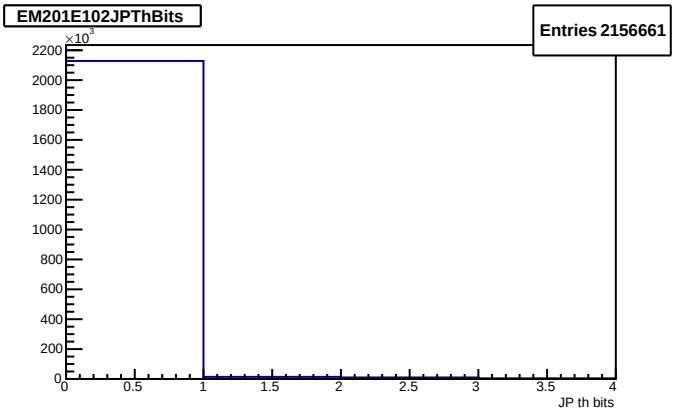

EM201E101JPSum
Entries 0
simu
data

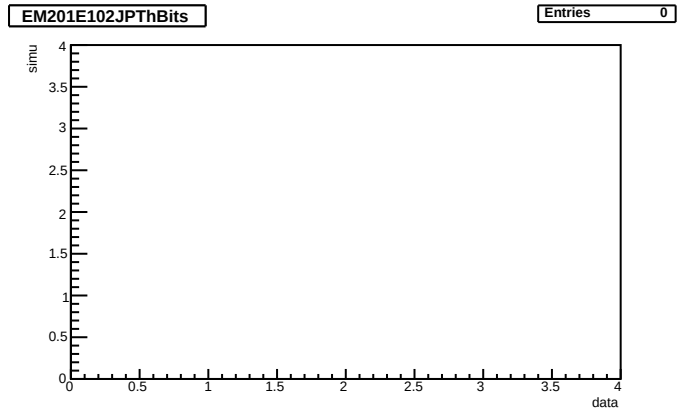

EM201E101JPId
Entries 2156661
JP partial Id

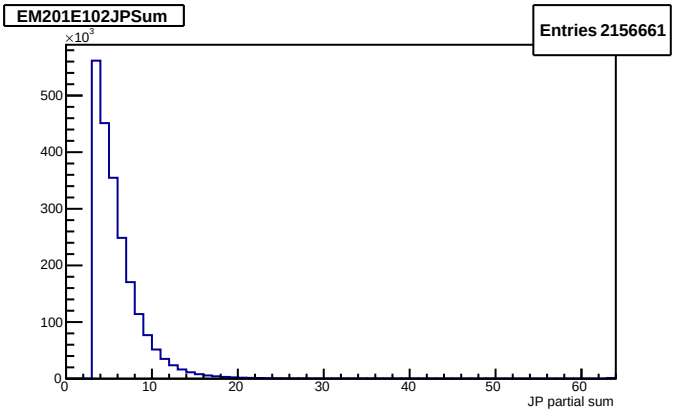

EM201E101JPId
Entries 0
simu
data

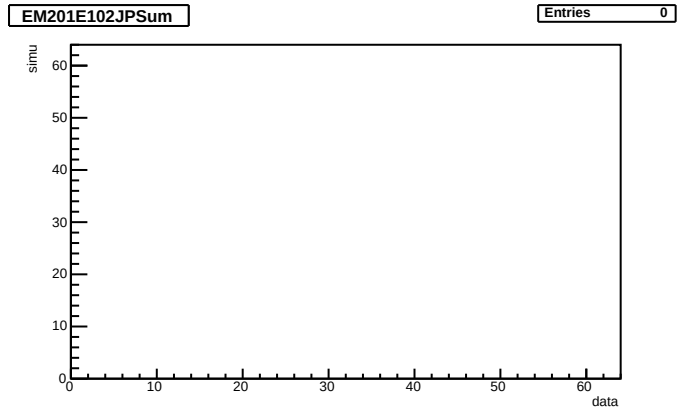

EM201E101Bits
Entries 1.07833e+07
44359
44288
48727
11891
5436
2.1123e+06
2.11237e+06
2.10793e+06
2.14477e+06
2.15122e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

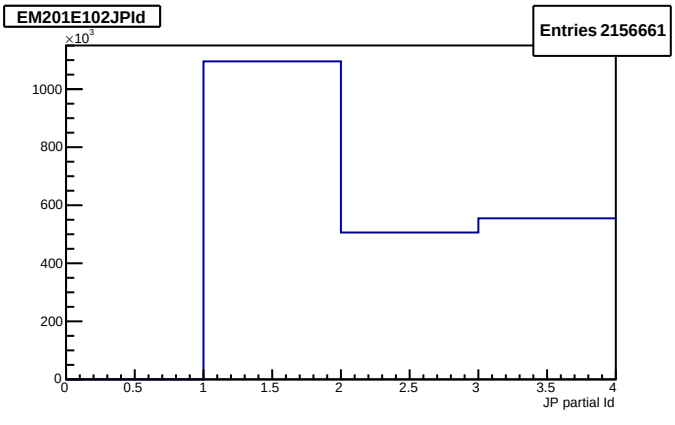

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

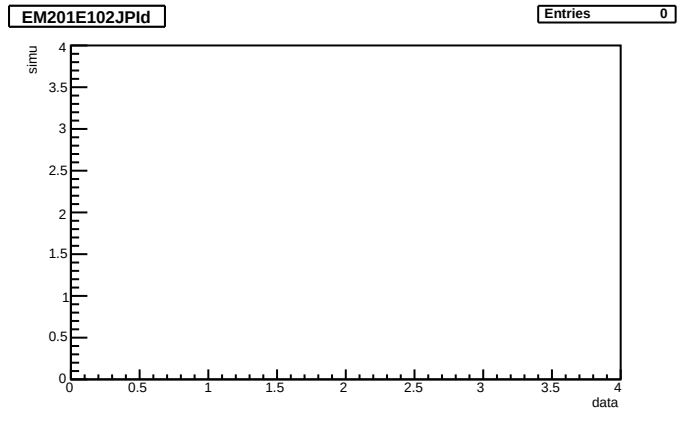

EM201E102JPThBits
Entries 2156661
JP th bits

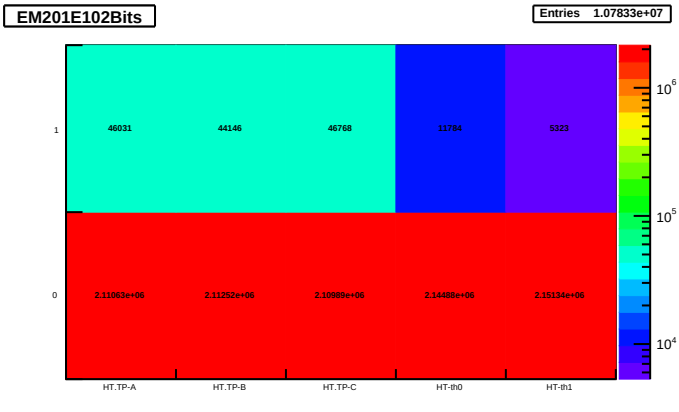

EM201E102JPThBits
Entries 0
simu
data

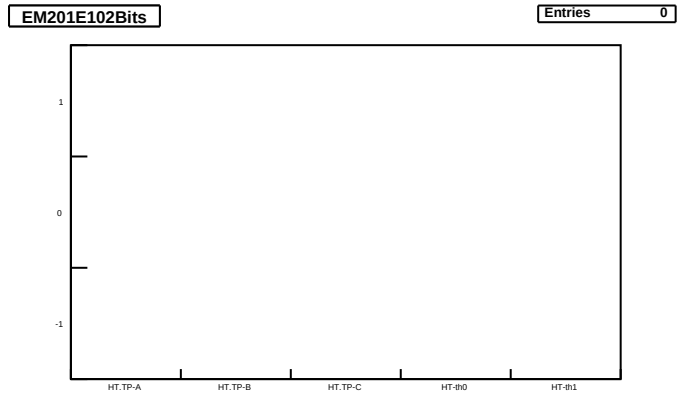

EM201E102JPSum
Entries 2156661
JP partial sum

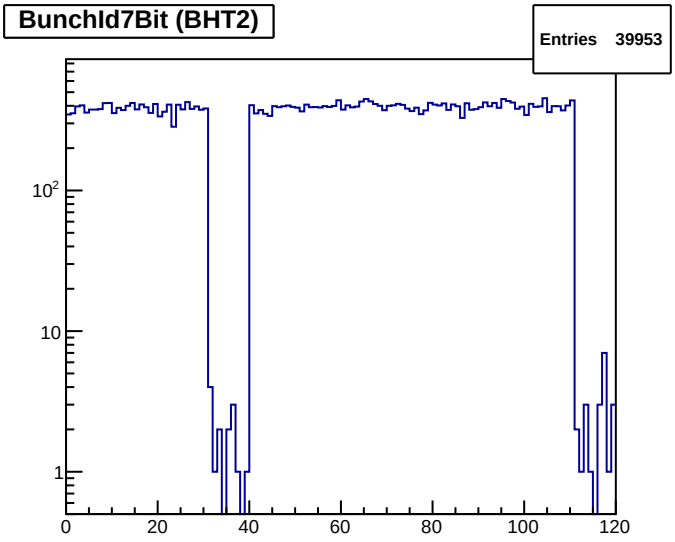

EM201E102JPSum
Entries 0
simu
data

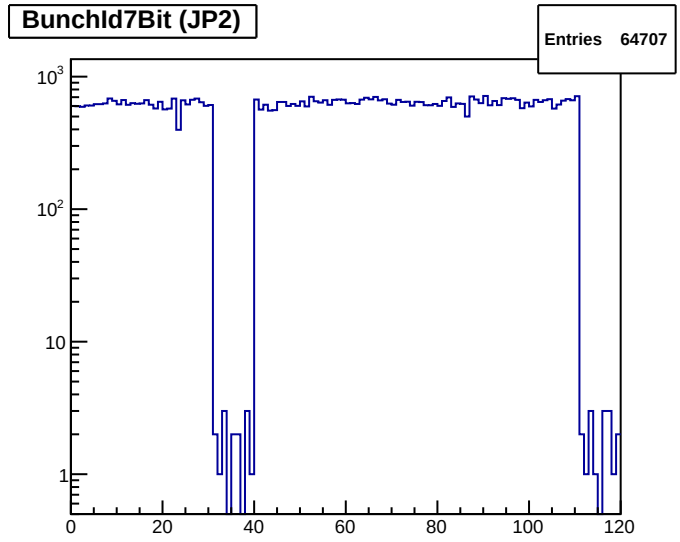

EM201E102JPId
Entries 2156661
JP partial Id

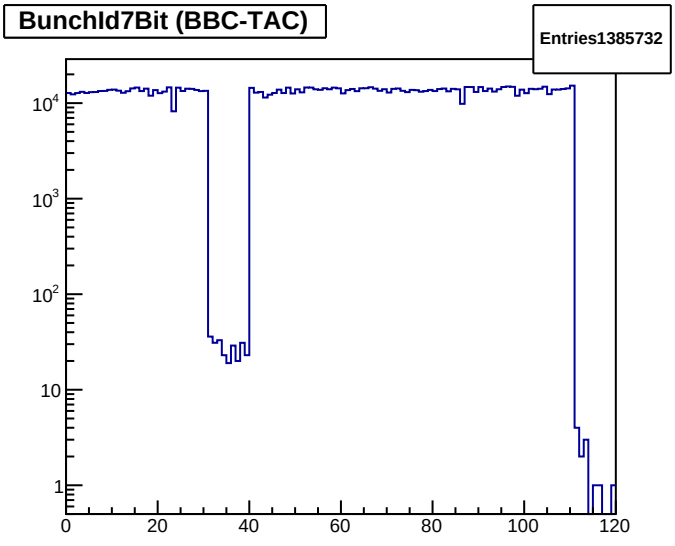

EM201E102JPId
Entries 0
simu
data

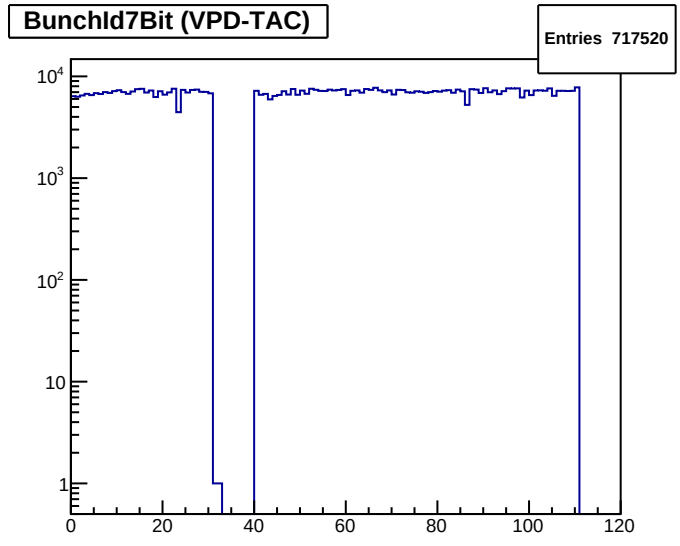

EM201E102Bits
Entries 1.07833e+07
46031
44146
46768
11784
5323
2.11063e+06
2.11252e+06
2.10989e+06
2.14488e+06
2.15134e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

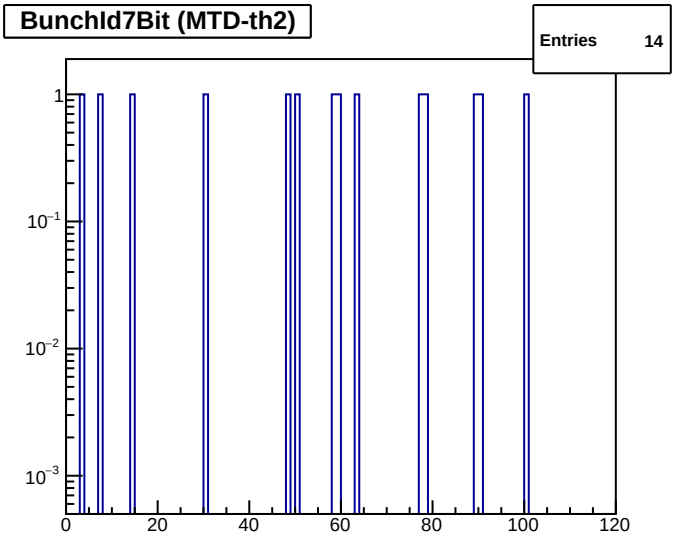

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

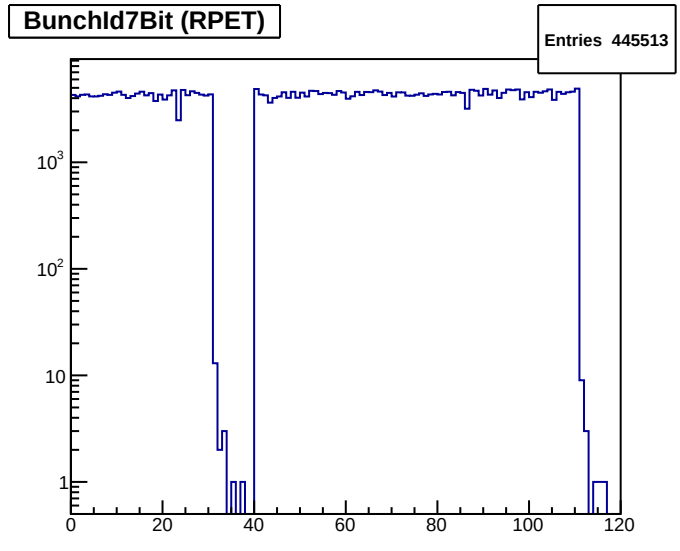

BunchId7Bit (BHT2)
Entries 39953

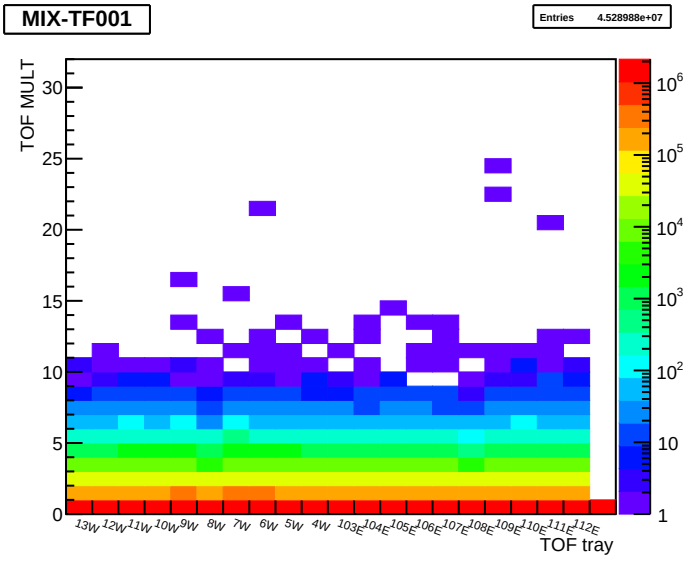

BunchId7Bit (JP2)
Entries 64707

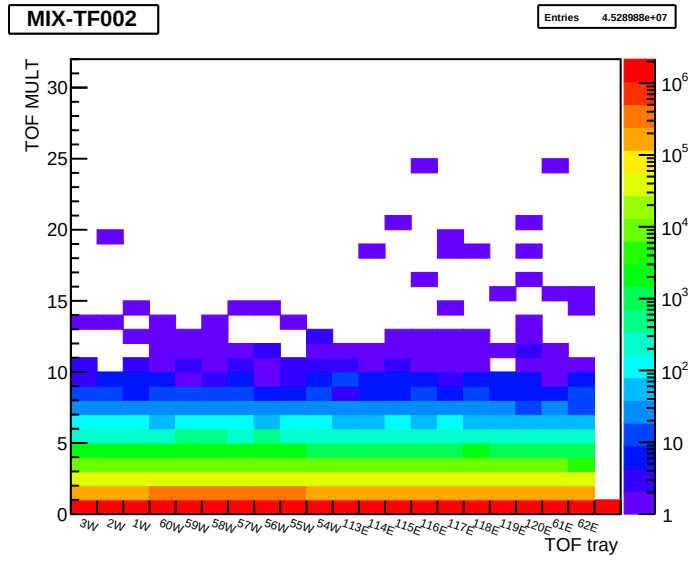

BunchId7Bit (BBC-TAC)
Entries1385732

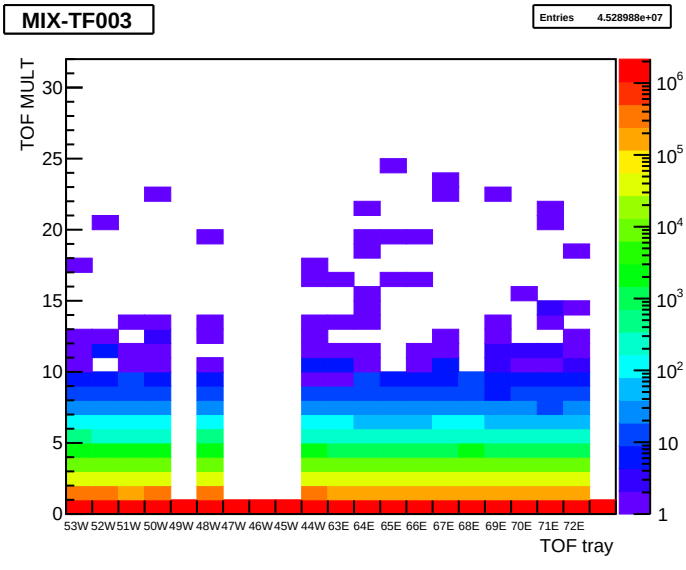

BunchId7Bit (VPD-TAC)
Entries 717520

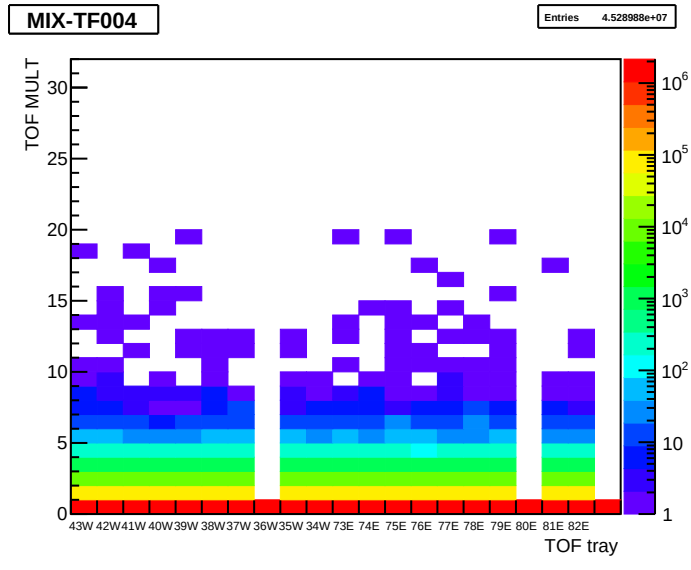

BunchId7Bit (MTD-th2)
Entries 14

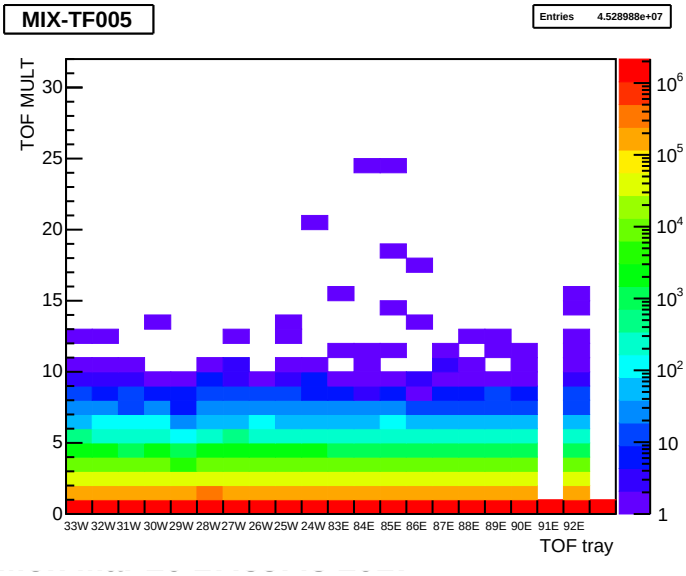

BunchId7Bit (RPET)
Entries 445513

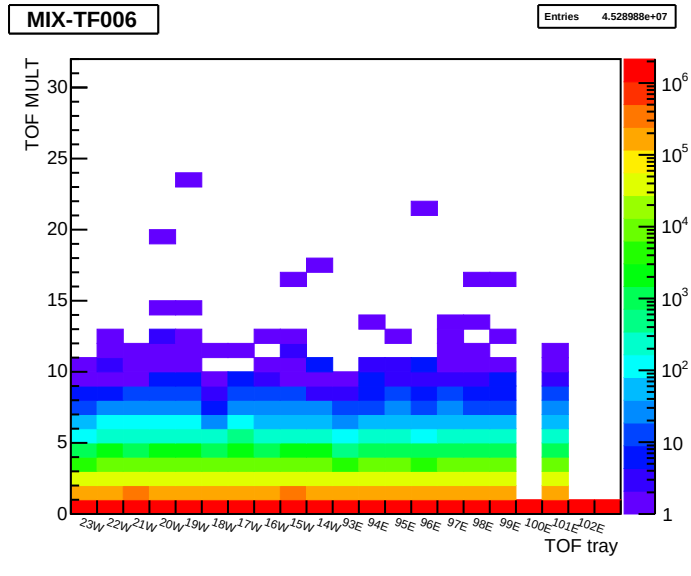

MIX-TF001
Entries 4.528988e+07
TOF MULT
TOF tray

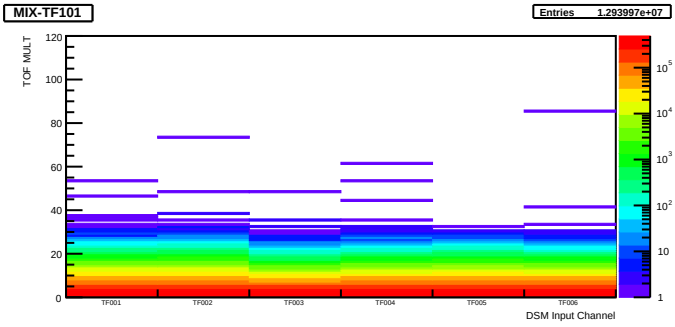

MIX-TF002
Entries 4.528988e+07
TOF MULT
TOF tray

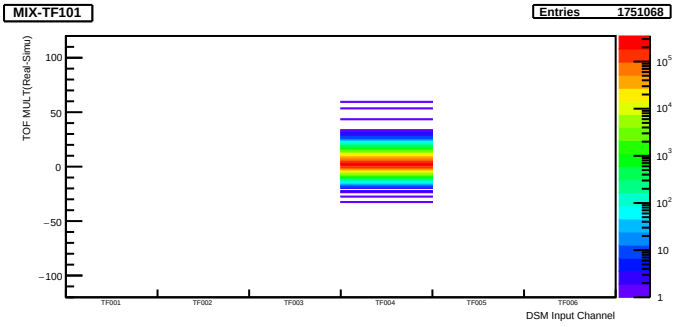

MIX-TF003
Entries 4.528988e+07
TOF MULT
TOF tray

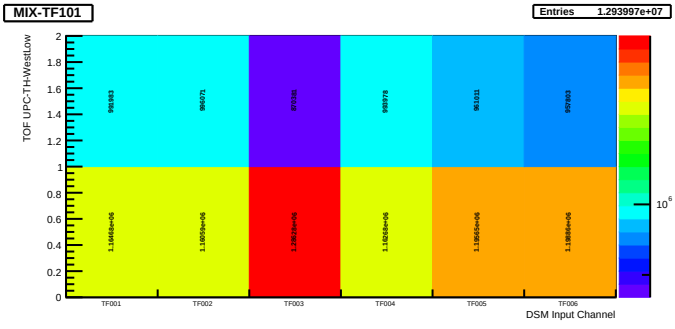

MIX-TF004
Entries 4.528988e+07
TOF MULT
TOF tray

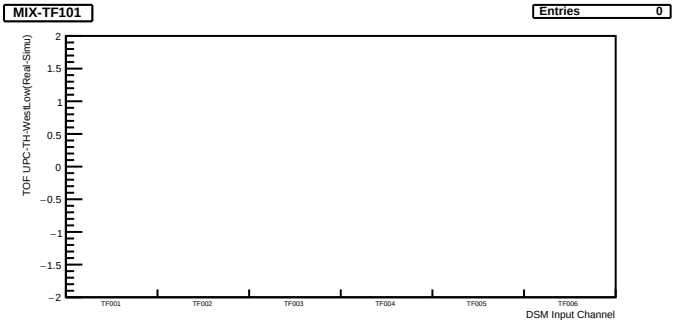

MIX-TF005
Entries 4.528988e+07
TOF MULT
TOF tray

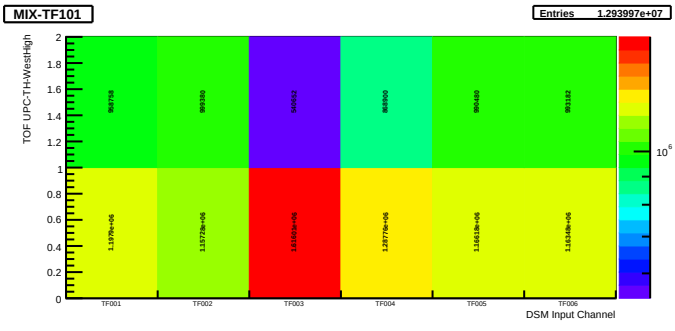

MIX-TF006
Entries 4.528988e+07
TOF MULT
TOF tray

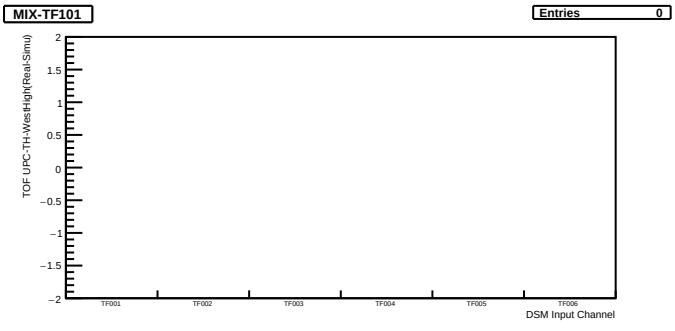

MIX-TF101
Entries 1.293997e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

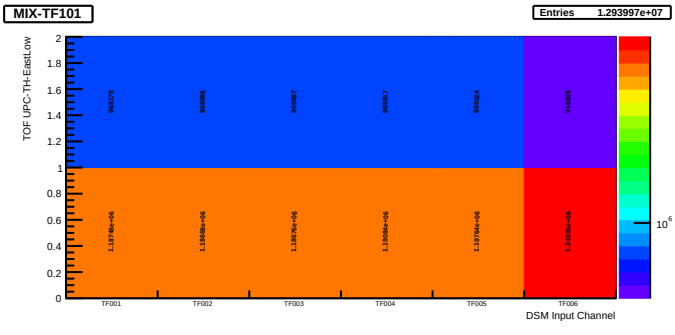

MIX-TF101
Entries 1751068
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

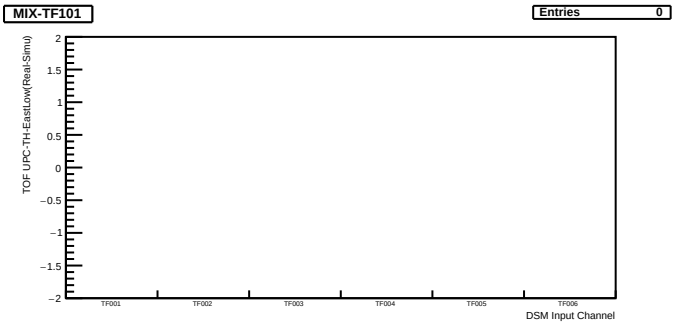

MIX-TF101
Entries 1.293997e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

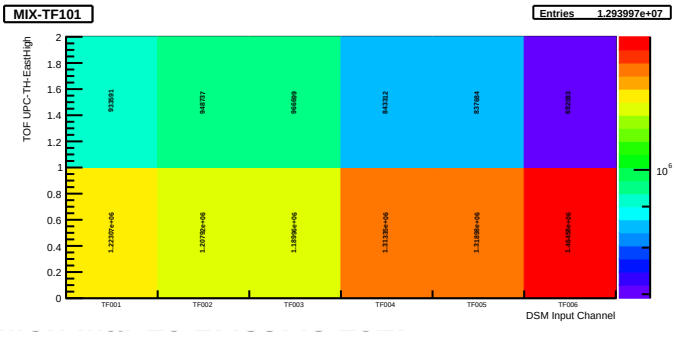

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

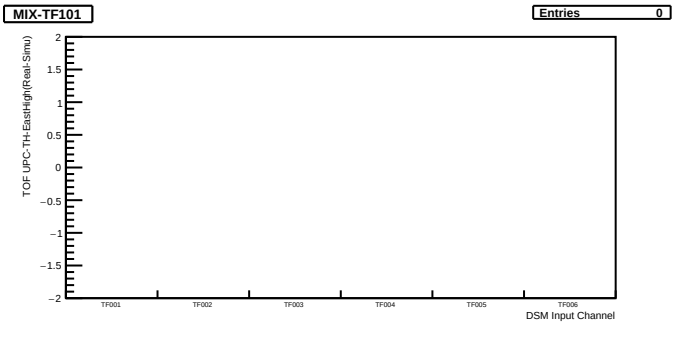

MIX-TF101
Entries 1.293997e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

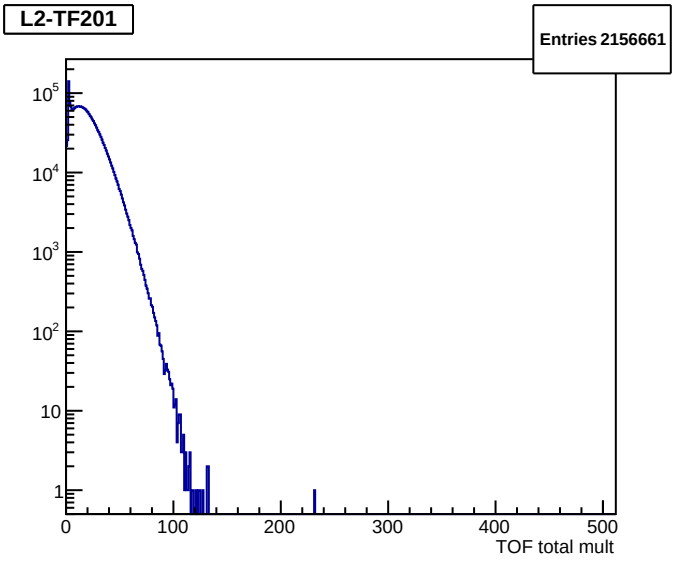

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

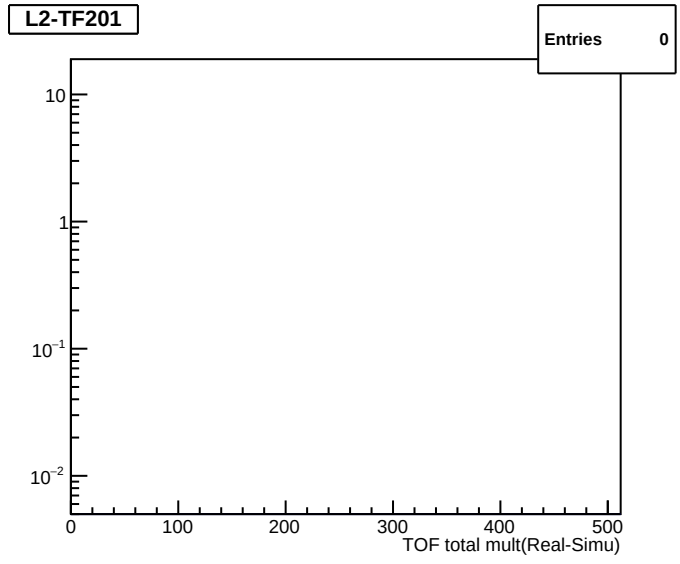

MIX-TF101
Entries 1.293997e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

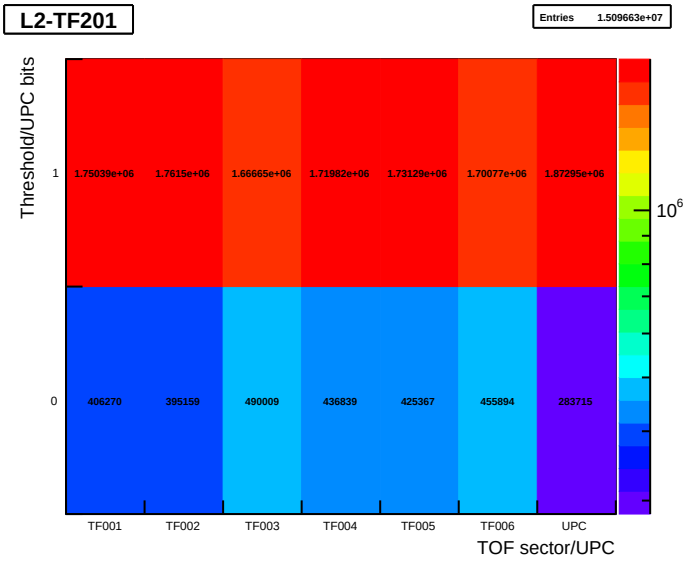

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

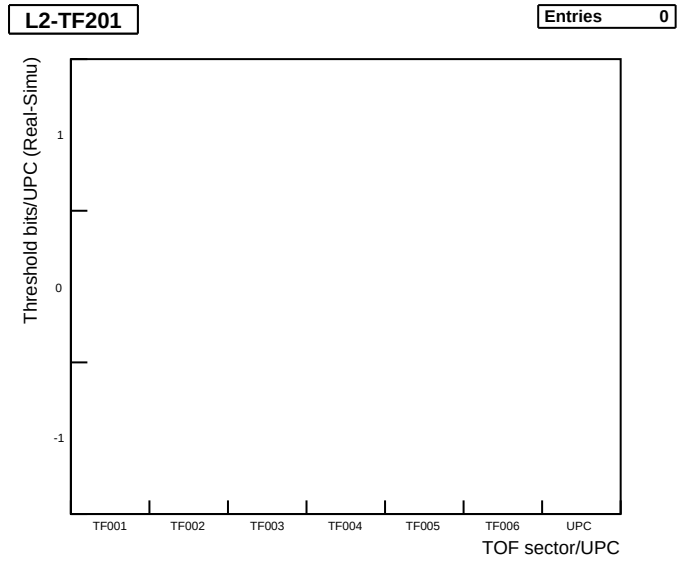

MIX-TF101
Entries 1.293997e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

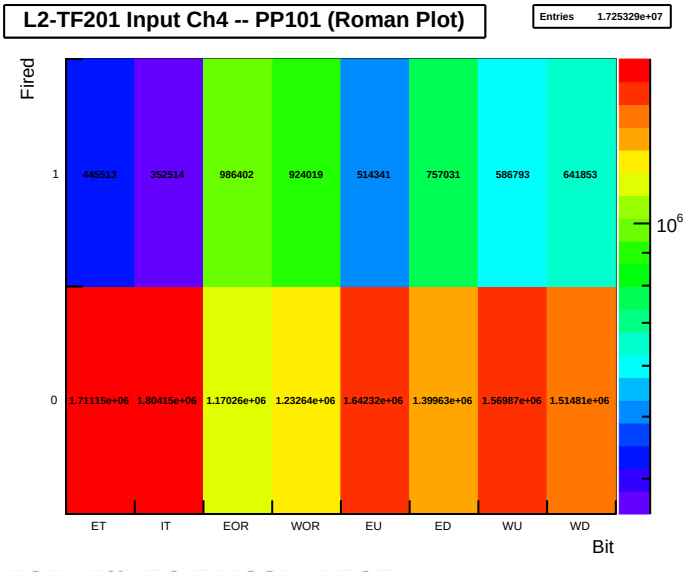

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

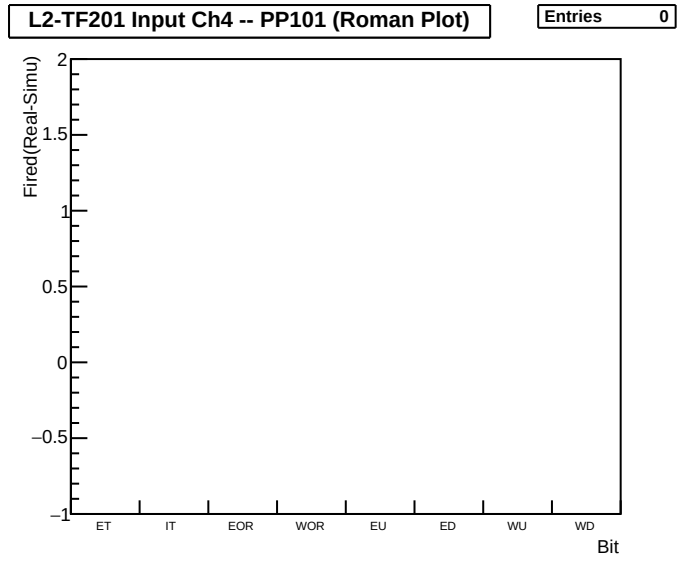

L2-TF201
Entries 2156661
TOF total mult

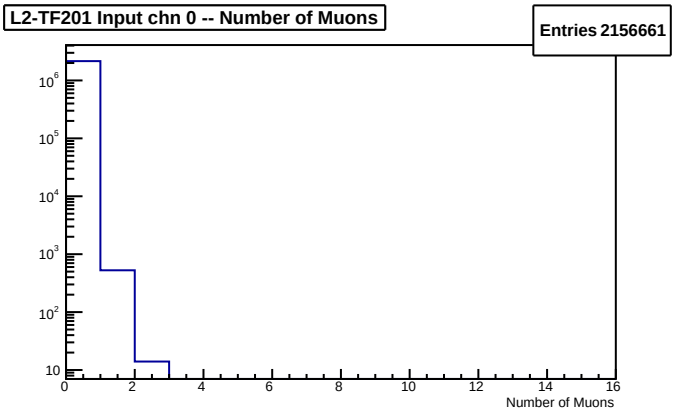

L2-TF201
Entries 0
TOF total mult(Real-Simu)

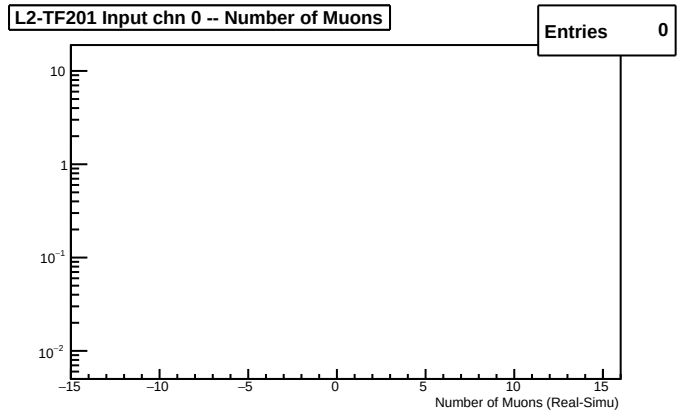

L2-TF201
Entries 1.509663e+07
Threshold/UPC bits
1.75039e+06
1.7615e+06
1.66665e+06
1.71982e+06
1.73129e+06
1.70077e+06
1.87295e+06
406270
395159
490009
436839
425367
455894
283715
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

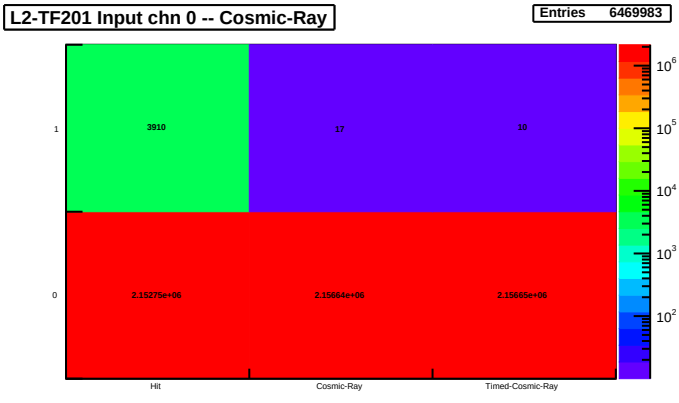

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

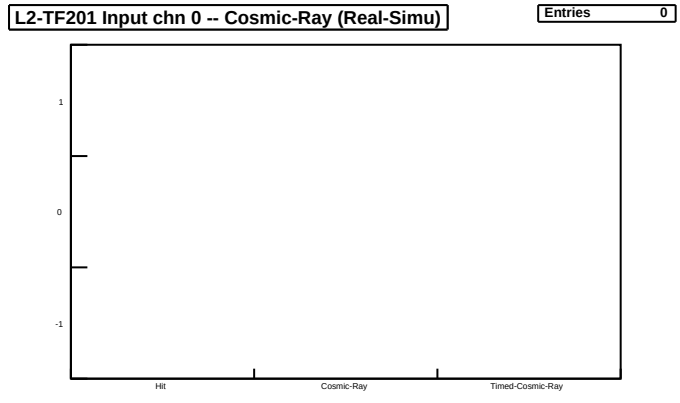

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.725329e+07
Fired
445513
352514
986402
924019
514341
757031
586793
641853
1.71115e+06
1.80415e+06
1.17026e+06
1.23264e+06
1.64232e+06
1.39963e+06
1.56987e+06
1.51481e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

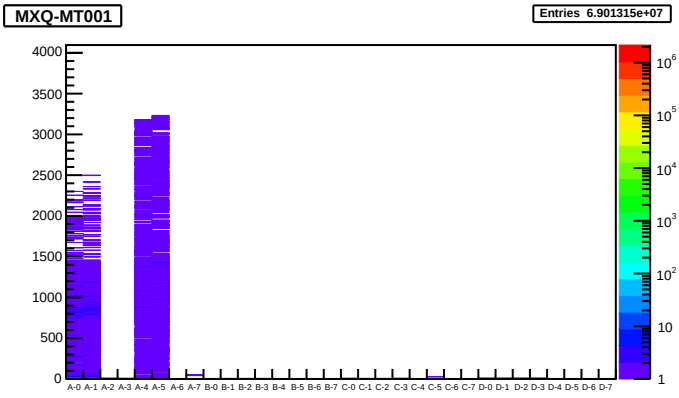

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

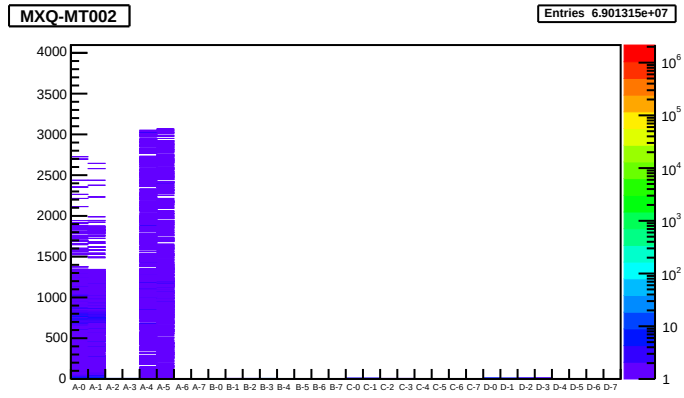

L2-TF201 Input chn 0 -- Number of Muons
Entries 2156661
Number of Muons

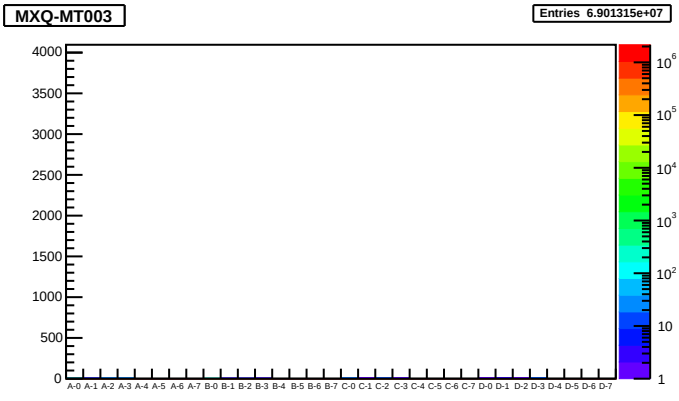

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

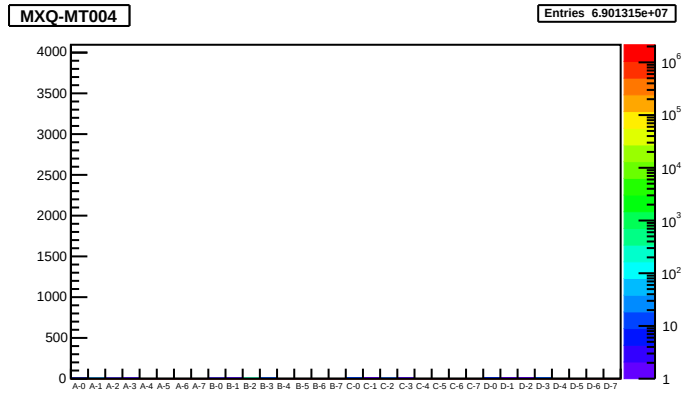

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6469983
3910
17
10
2.15275e+06
2.15664e+06
2.15665e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

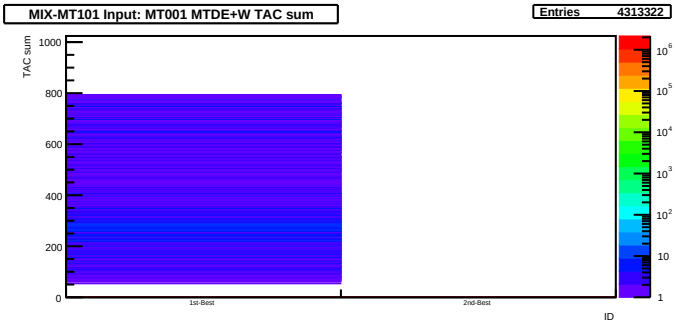

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

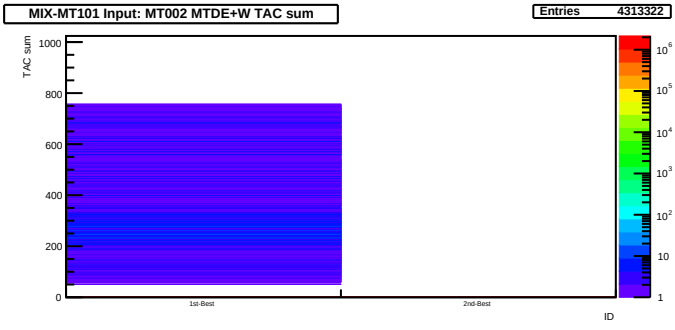

MXQ-MT001
Entries 6.901315e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

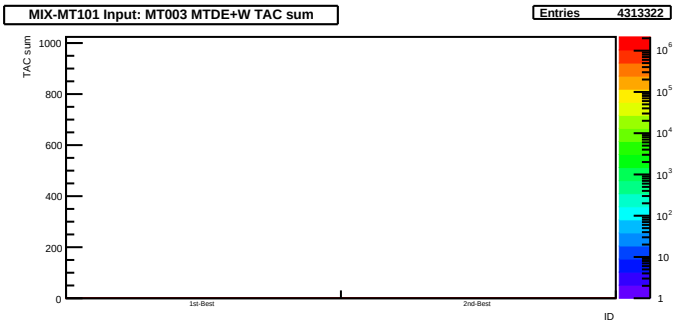

MXQ-MT002
Entries 6.901315e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

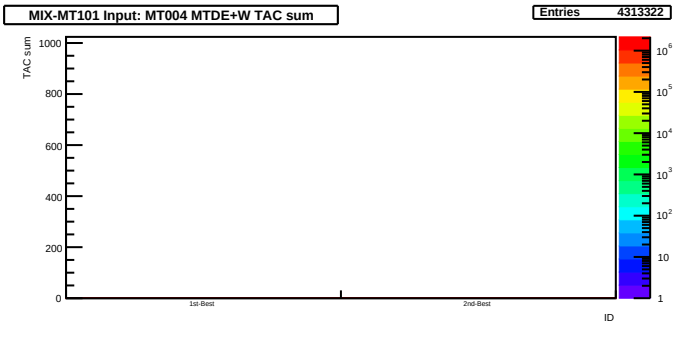

MXQ-MT003
Entries 6.901315e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

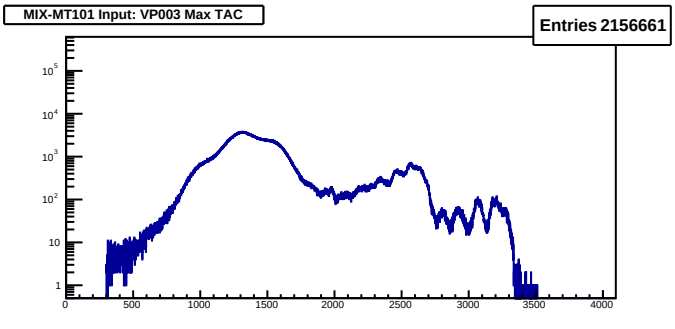

MXQ-MT004
Entries 6.901315e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

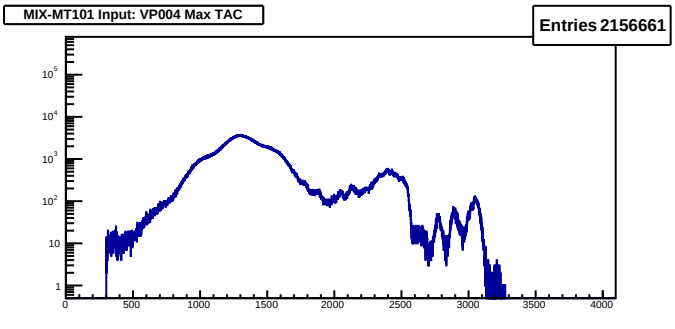

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4313322
TAC sum
1st-Best
2nd-Best
ID

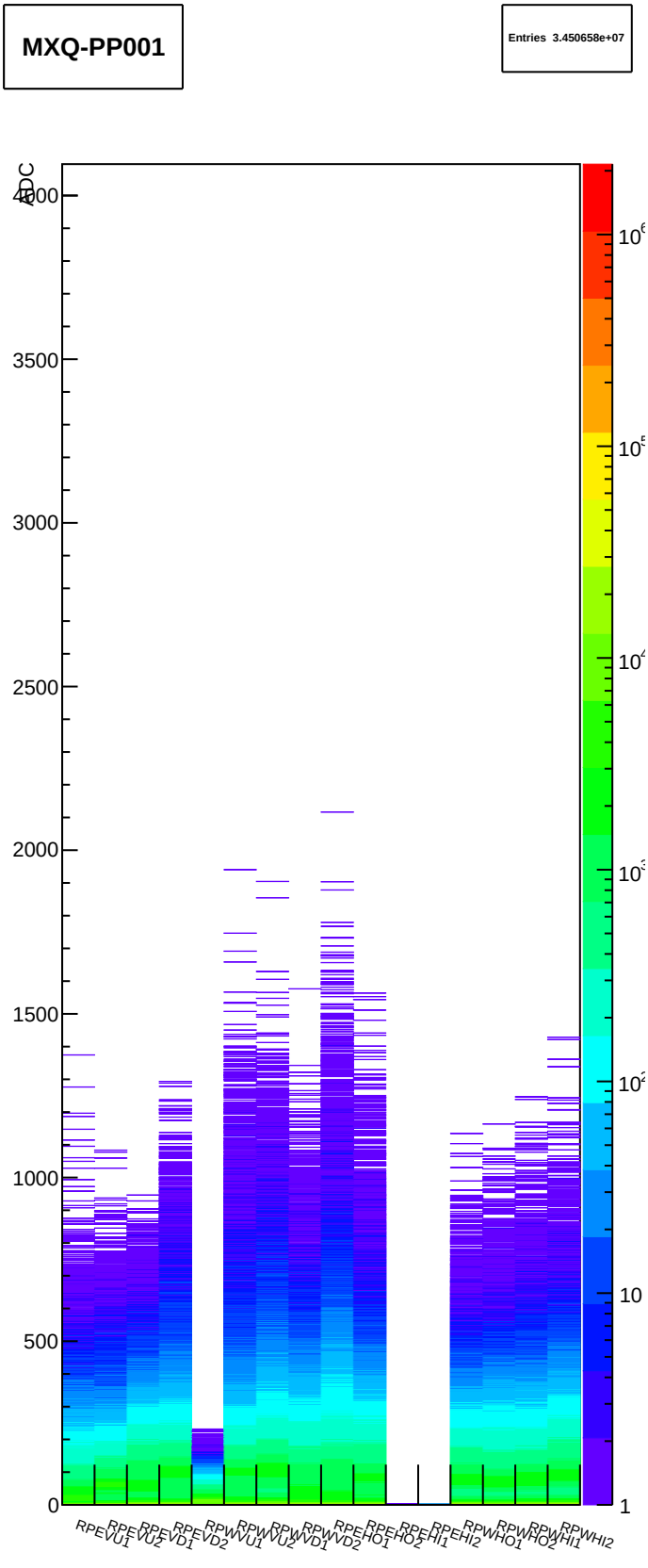

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4313322
TAC sum
1st-Best
2nd-Best
ID

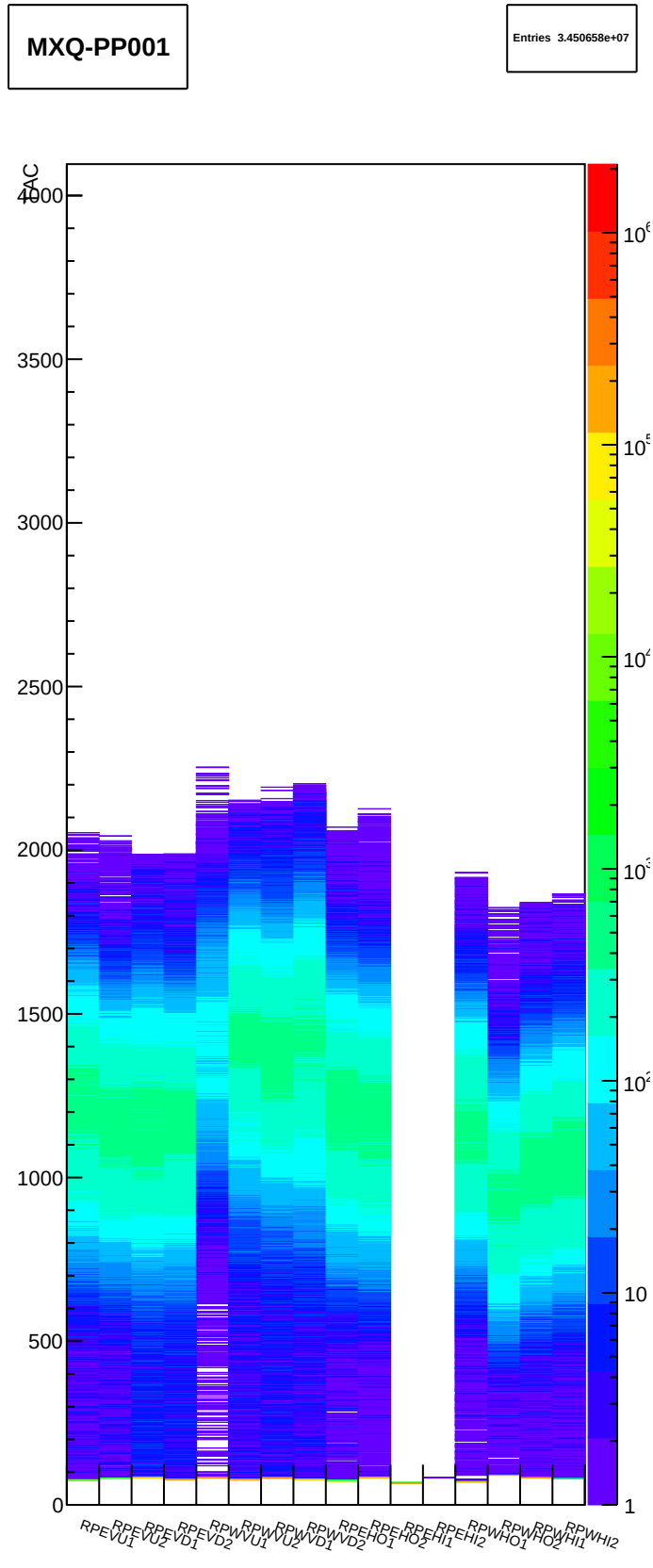

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4313322
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4313322
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 2156661


MIX-MT101 Input: VP004 Max TAC
Entries 2156661


MXQ-PP001
Entries 3.450658e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 3.450658e+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
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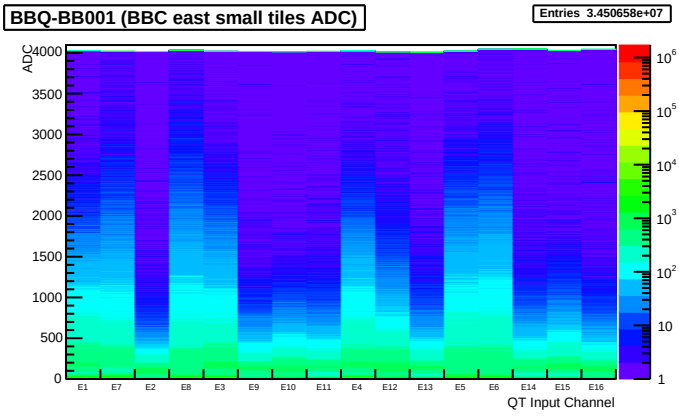
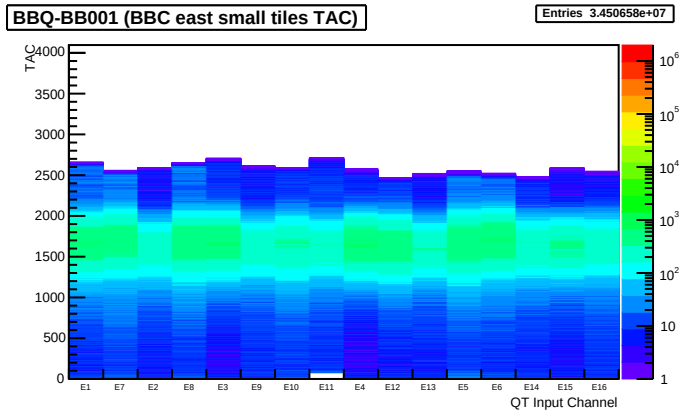
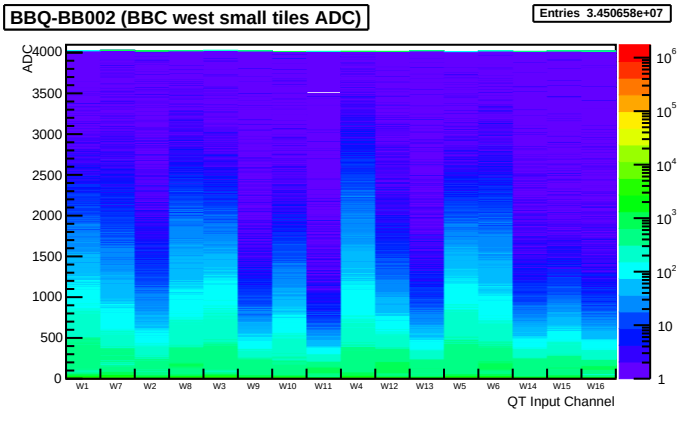
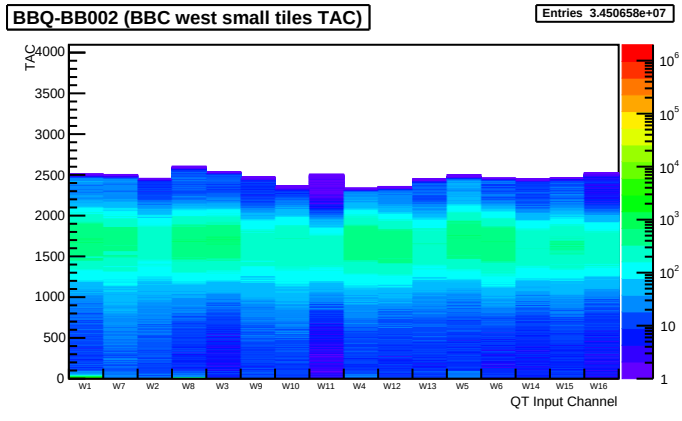
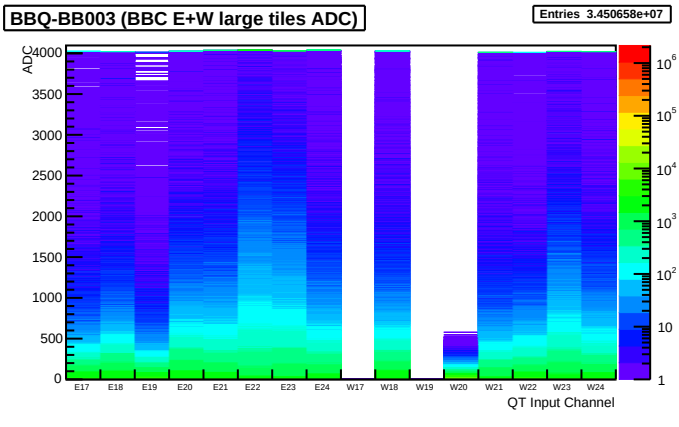
10^6
10^5
10^4
10^3
10^2
10
1

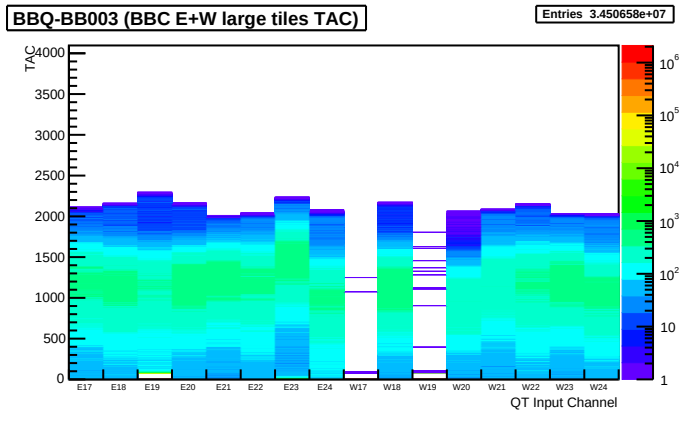

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.450658e+07
ADC
QT Input Channel

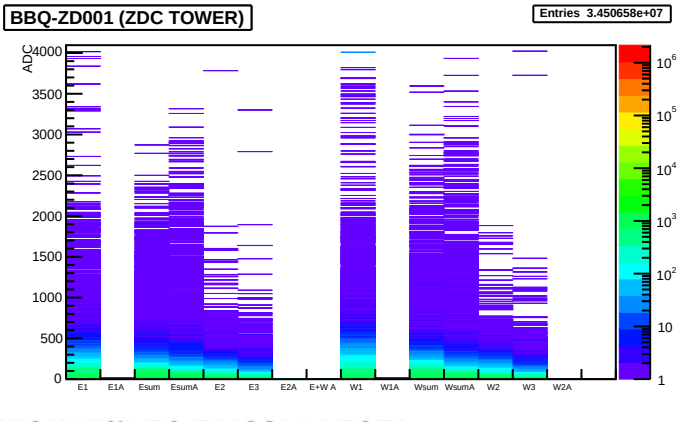

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.450658e+07
TAC
QT Input Channel

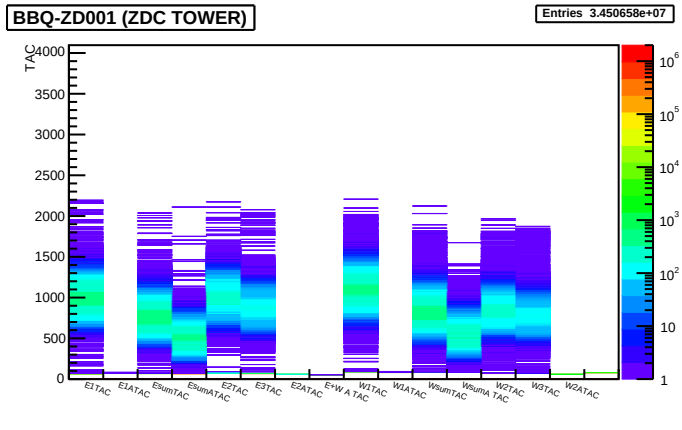

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.450658e+07
ADC
QT Input Channel

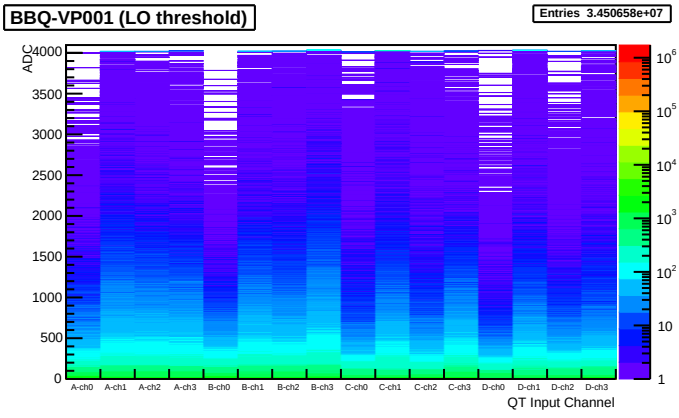

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.450658e+07
TAC
QT Input Channel

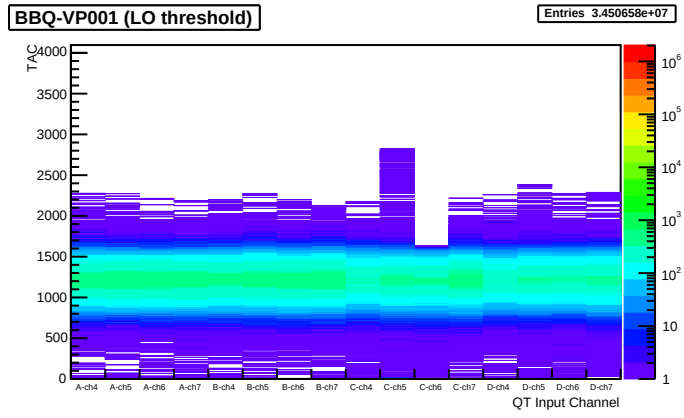

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.450658e+07
ADC
QT Input Channel

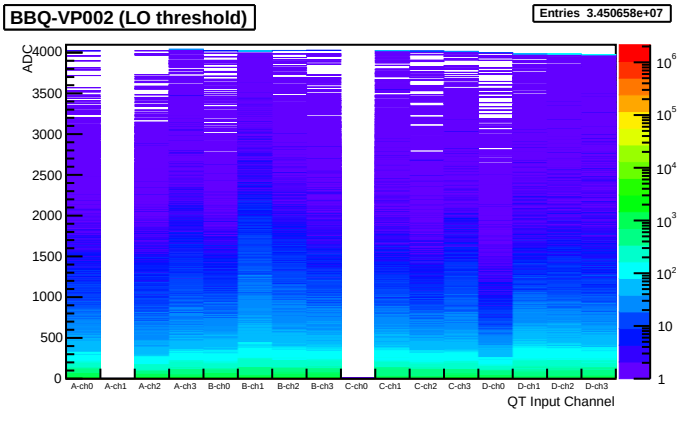

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.450658e+07
TAC
QT Input Channel

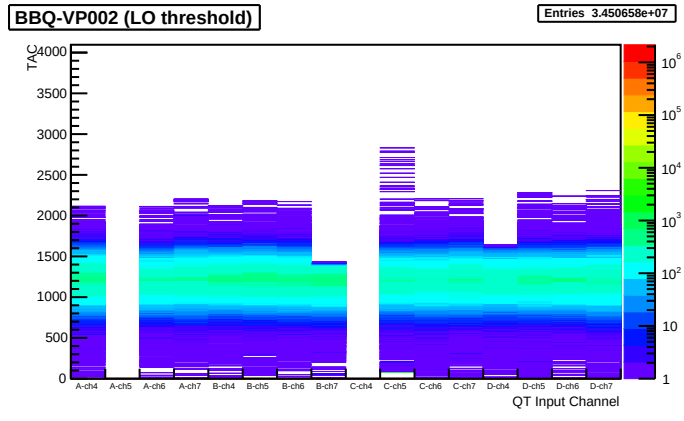

BBQ-ZD001 (ZDC TOWER)
Entries 3.450658e+07
ADC

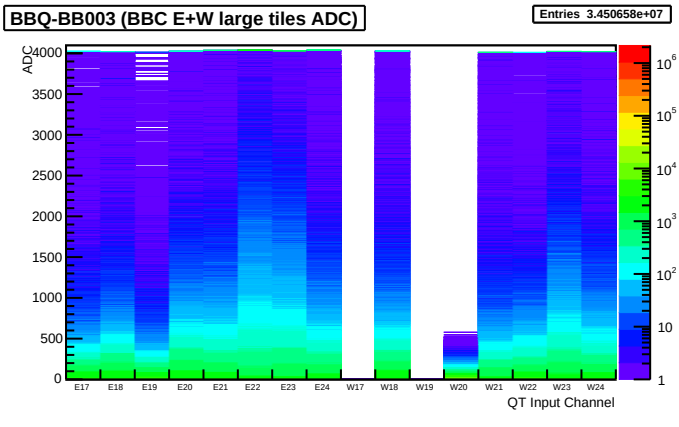

BBQ-ZD001 (ZDC TOWER)
Entries 3.450658e+07
TAC

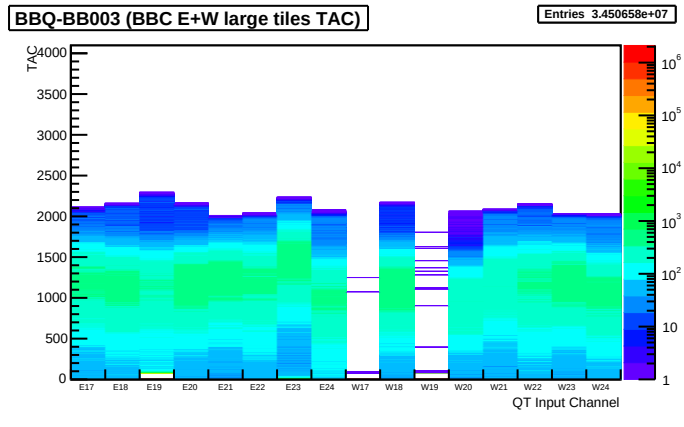

BBQ-VP001 (LO threshold)
Entries 3.450658e+07
ADC
QT Input Channel

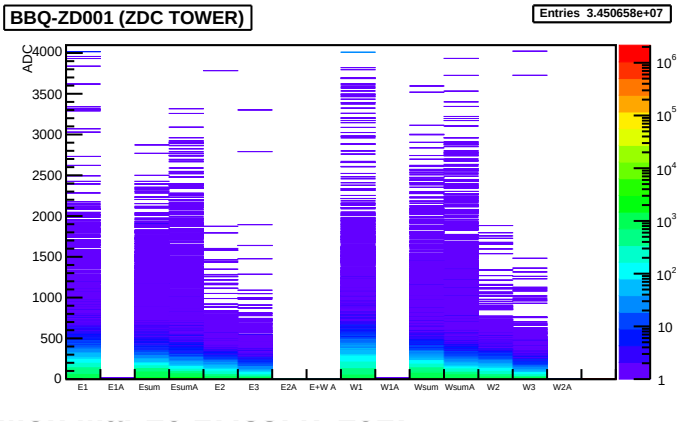

BBQ-VP001 (LO threshold)
Entries 3.450658e+07
TAC
QT Input Channel

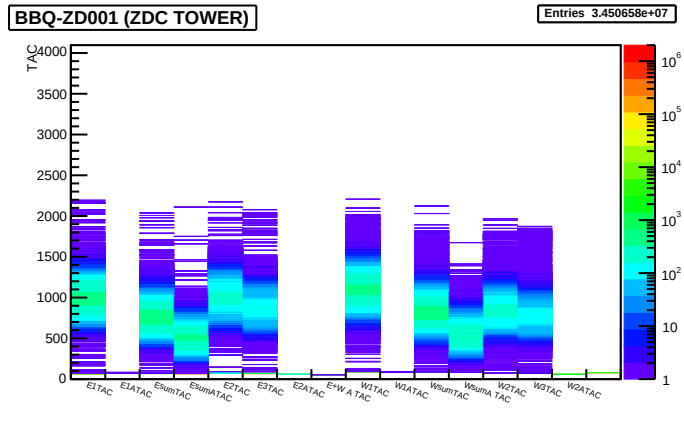

BBQ-VP002 (LO threshold)
Entries 3.450658e+07
ADC
QT Input Channel

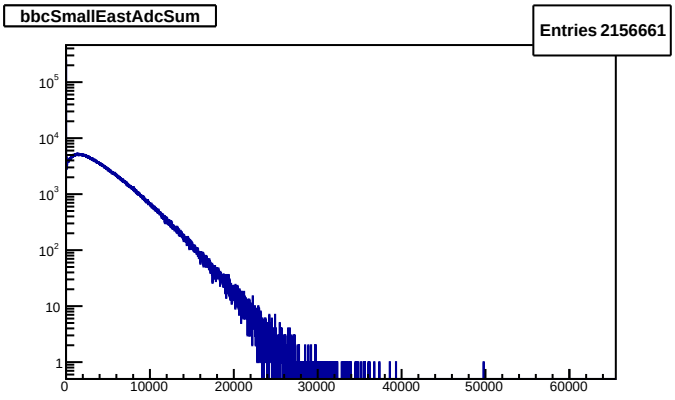

BBQ-VP002 (LO threshold)
Entries 3.450658e+07
TAC
QT Input Channel

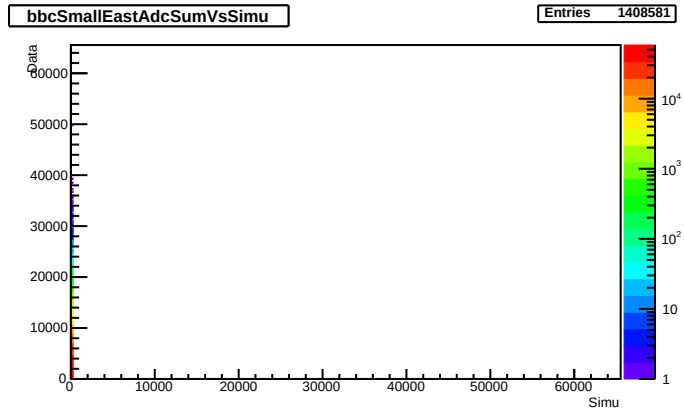

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.450658e+07
ADC
QT Input Channel

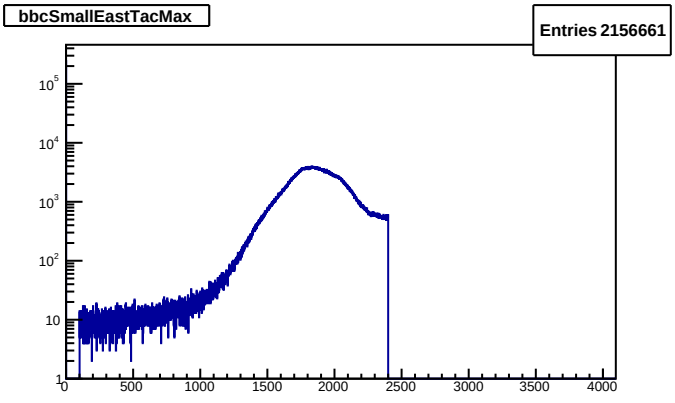

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.450658e+07
TAC
QT Input Channel

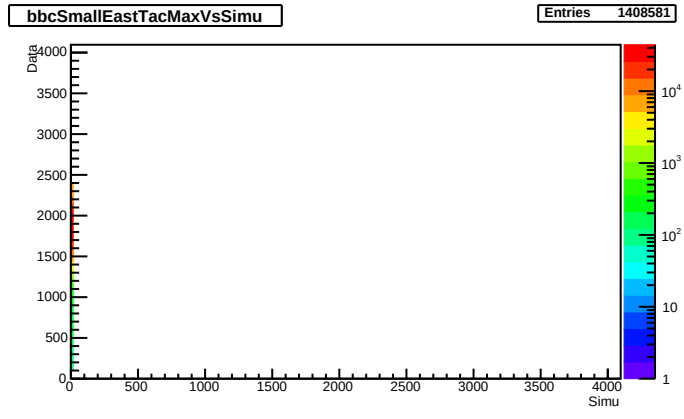

BBQ-ZD001 (ZDC TOWER)
Entries 3.450658e+07
ADC

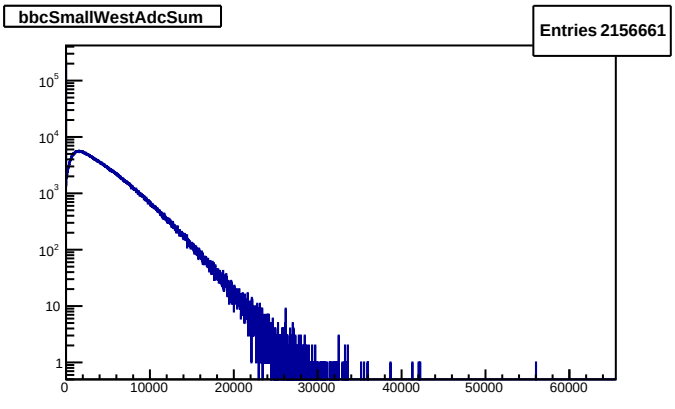

BBQ-ZD001 (ZDC TOWER)
Entries 3.450658e+07
TAC

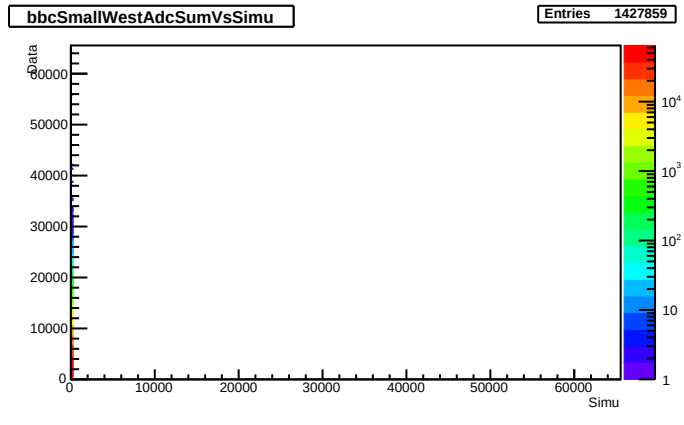

bbcSmallEastAdcSum
Entries 2156661

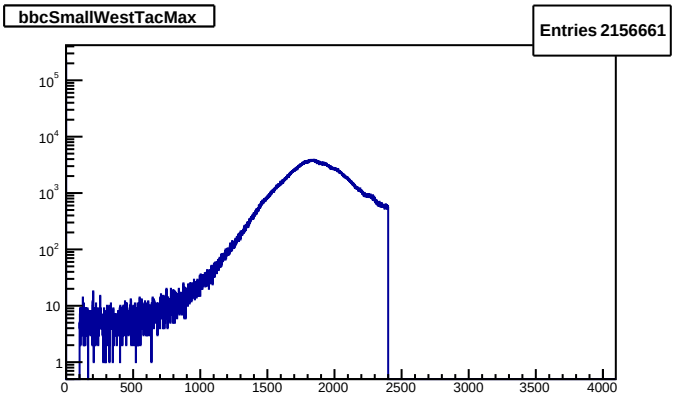

bbcSmallEastAdcSumVsSimu
Entries 1408581
Data
Simu

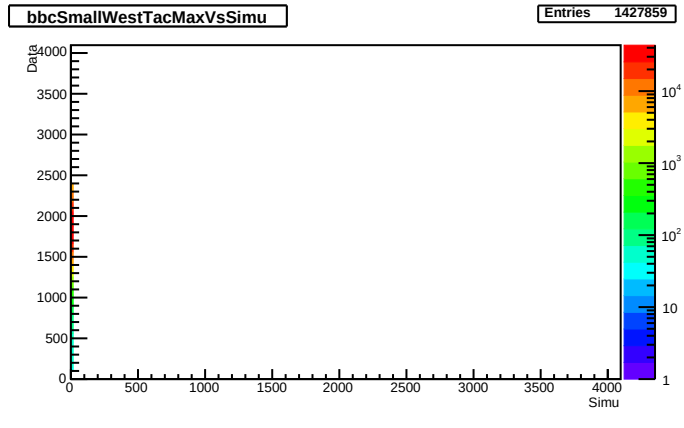

bbcSmallEastTacMax
Entries 2156661

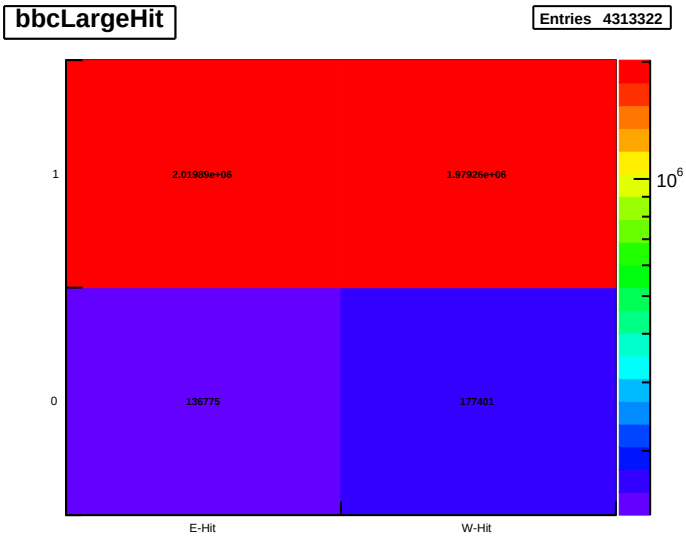

bbcSmallEastTacMaxVsSimu
Entries 1408581
Data
Simu

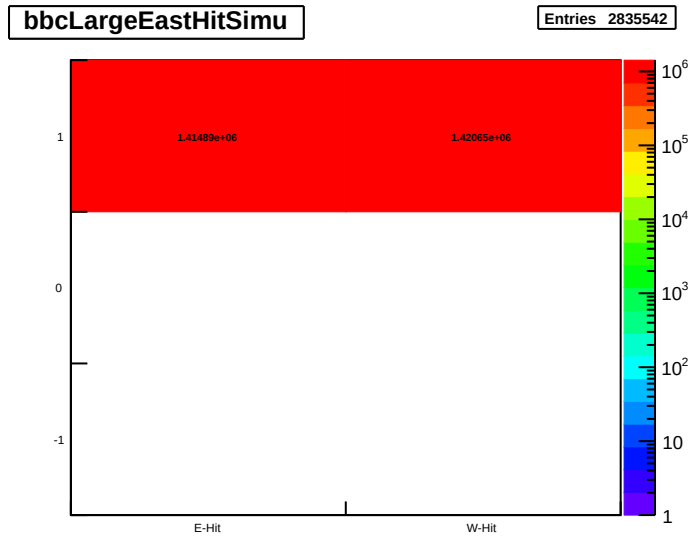

bbcSmallWestAdcSum
Entries 2156661

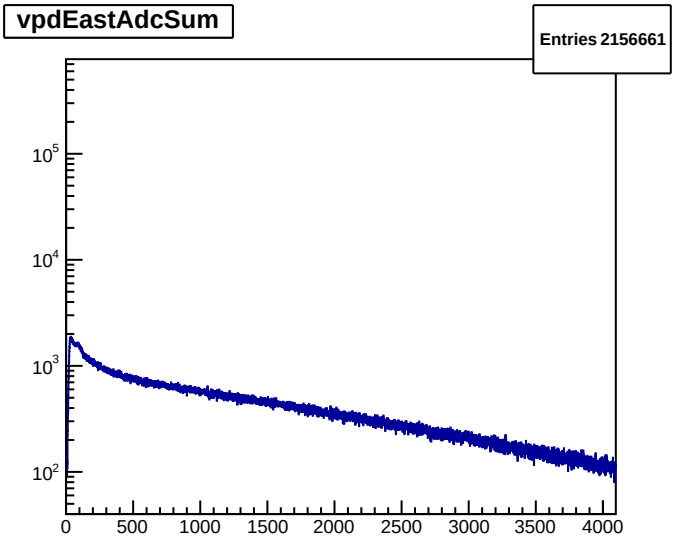

bbcSmallWestAdcSumVsSimu
Entries 1427859
Data
Simu

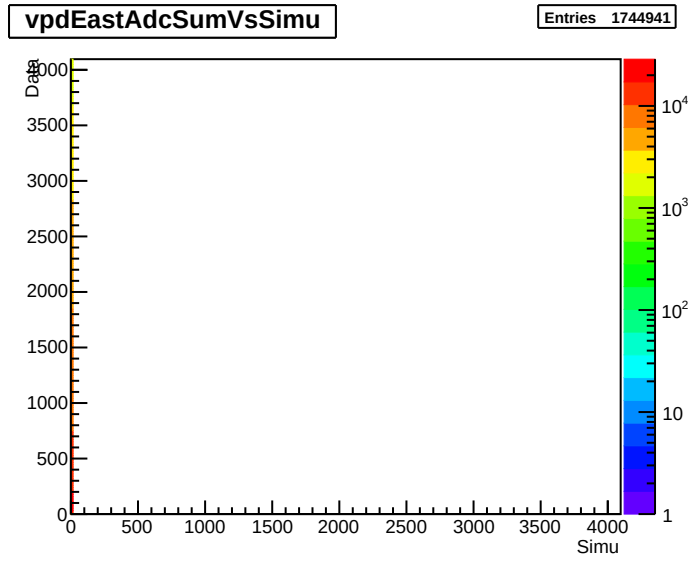

bbcSmallWestTacMax
Entries 2156661

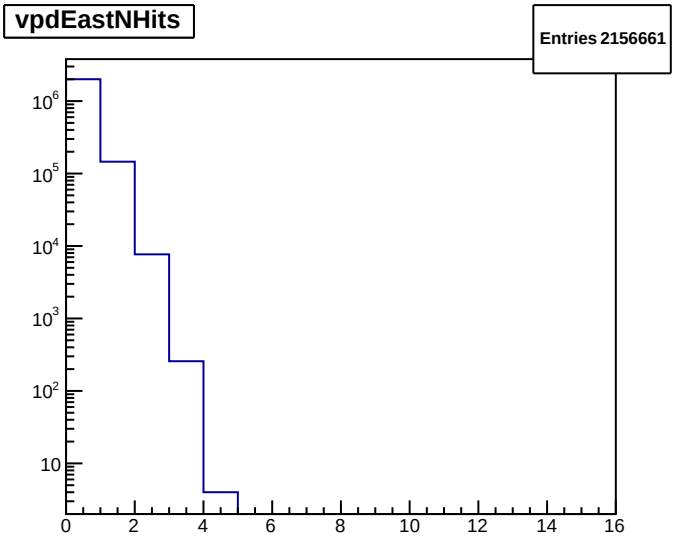

bbcSmallWestTacMaxVsSimu
Entries 1427859
Data
Simu

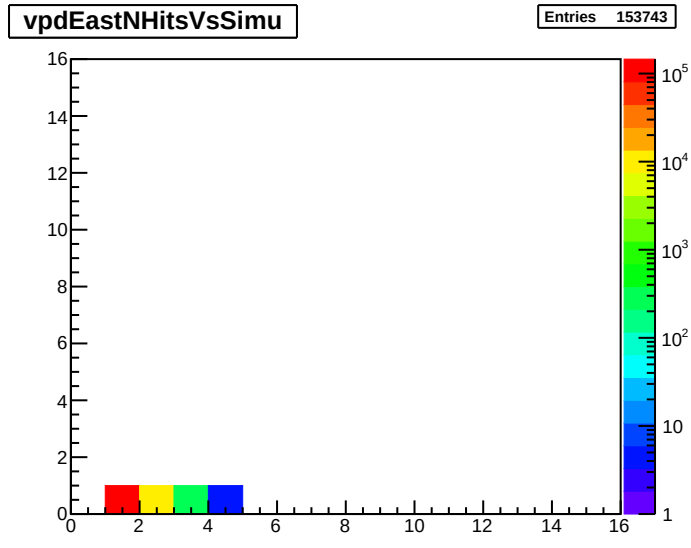

bbcLargeHit
Entries 4313322
1
0
2.01989e+06
1.97926e+06
136775
177401
E-Hit
W-Hit
10^6

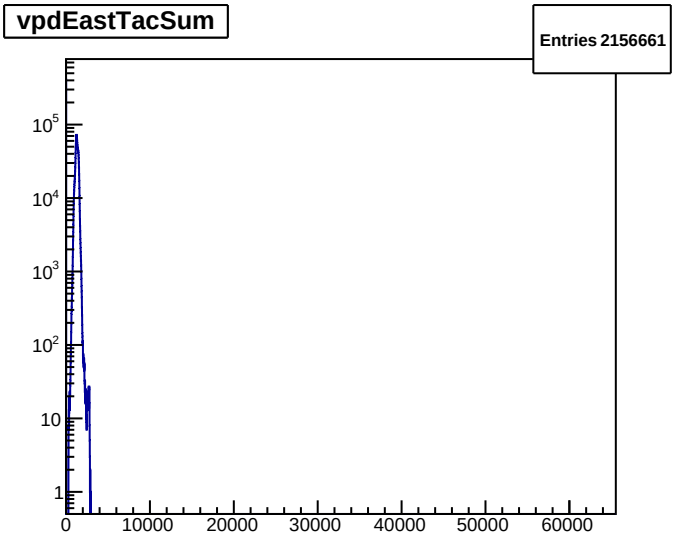

bbcLargeEastHitSimu
Entries 2835542
1
0
-1
1.41489e+06
1.42065e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

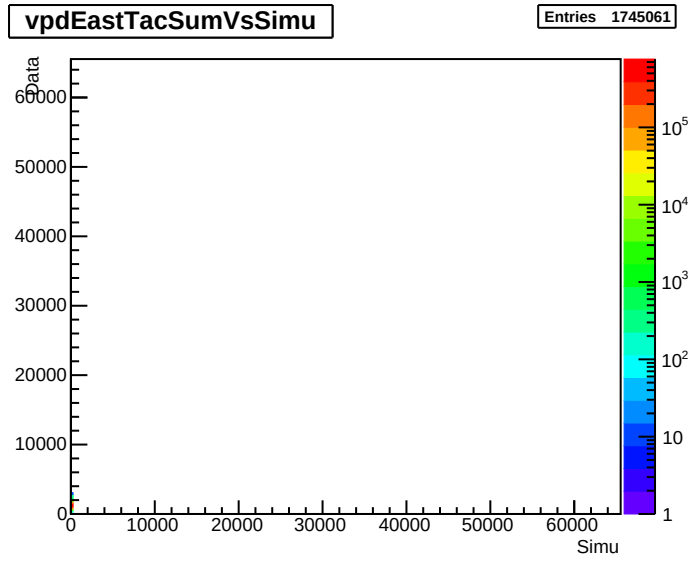

vpdEastAdcSum
Entries 2156661

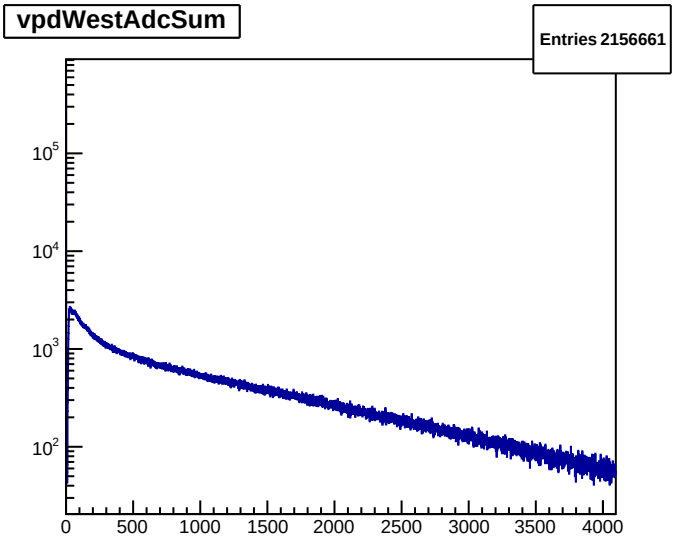

vpdEastAdcSumVsSimu
Entries 1744941
Data
Simu

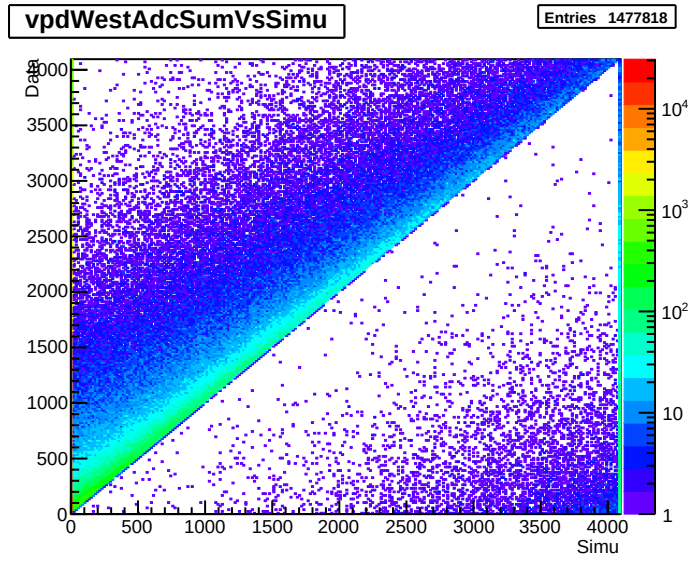

vpdEastNHits
Entries 2156661

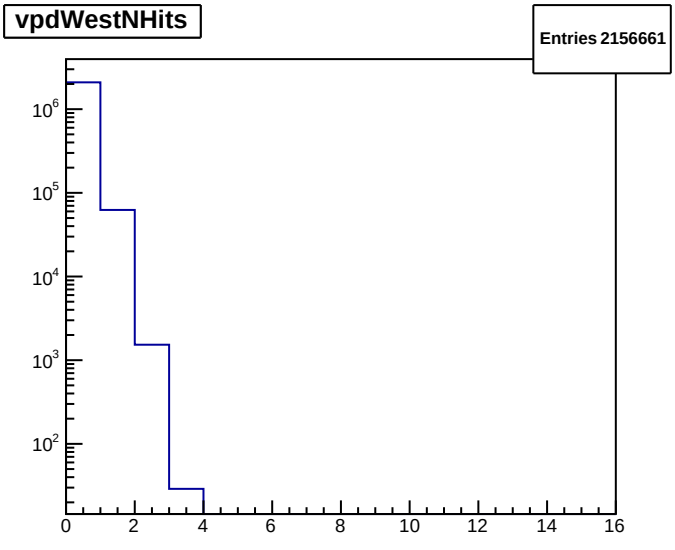

vpdEastNHitsVsSimu
Entries 153743

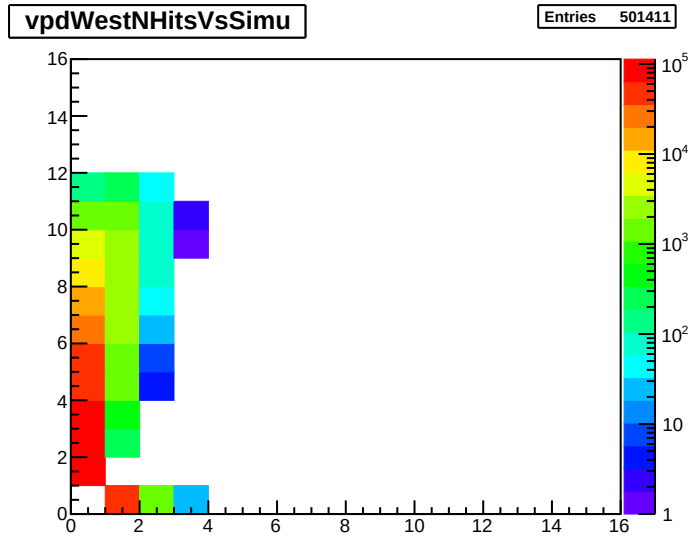

vpdEastTacSum
Entries 2156661

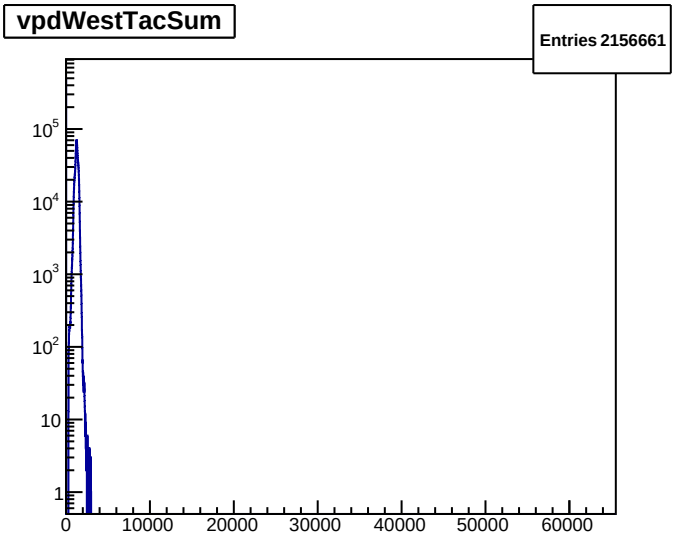

vpdEastTacSumVsSimu
Entries 1745061
Data
Simu

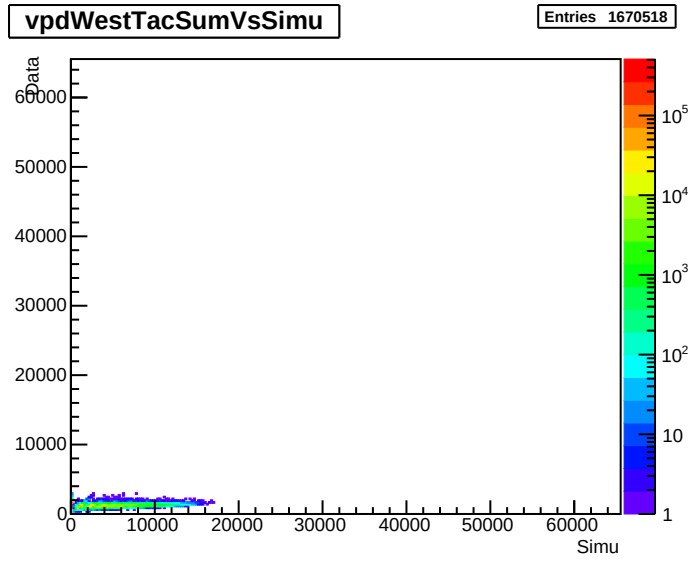

vpdWestAdcSum
Entries 2156661

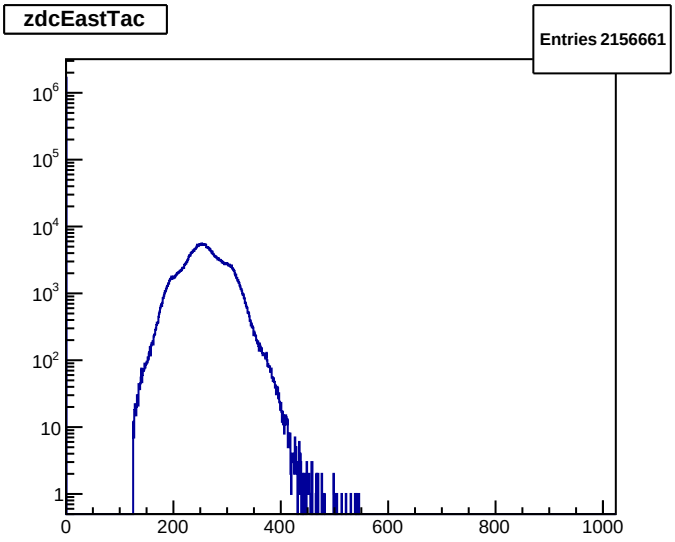

vpdWestAdcSumVsSimu
Entries 1477818
Data
Simu

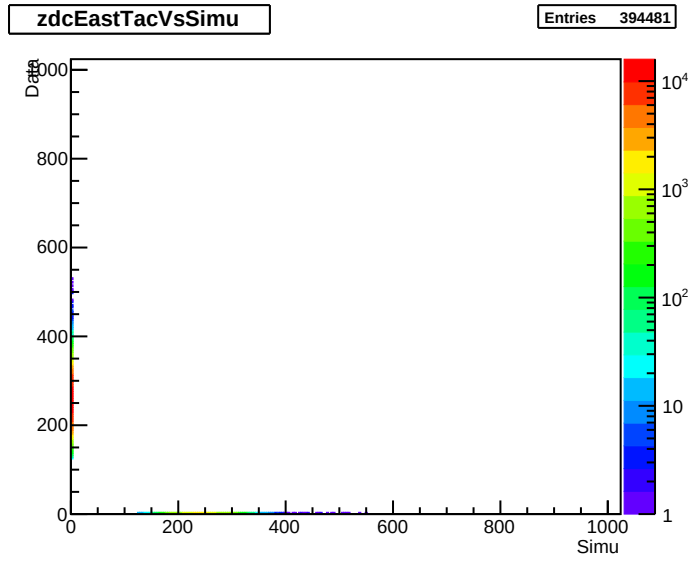

vpdWestNHits
Entries 2156661

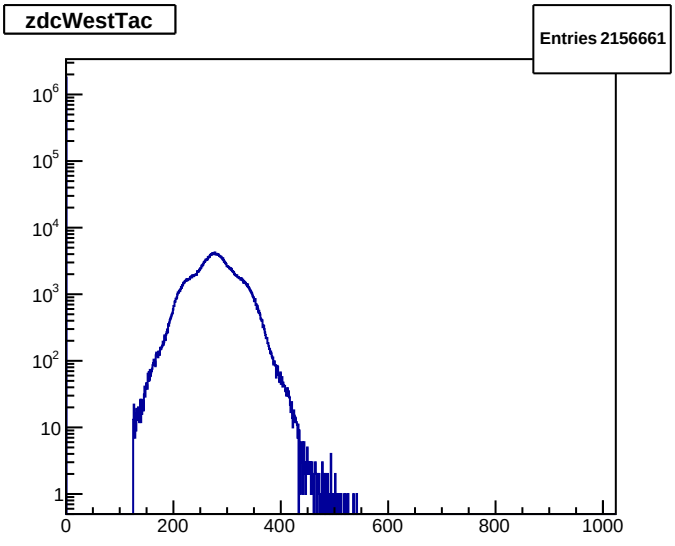

vpdWestNHitsVsSimu
Entries 501411

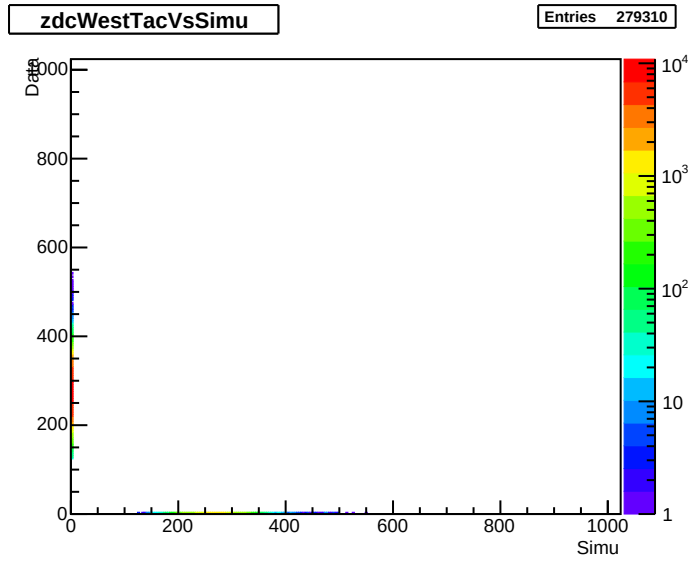

vpdWestTacSum
Entries 2156661

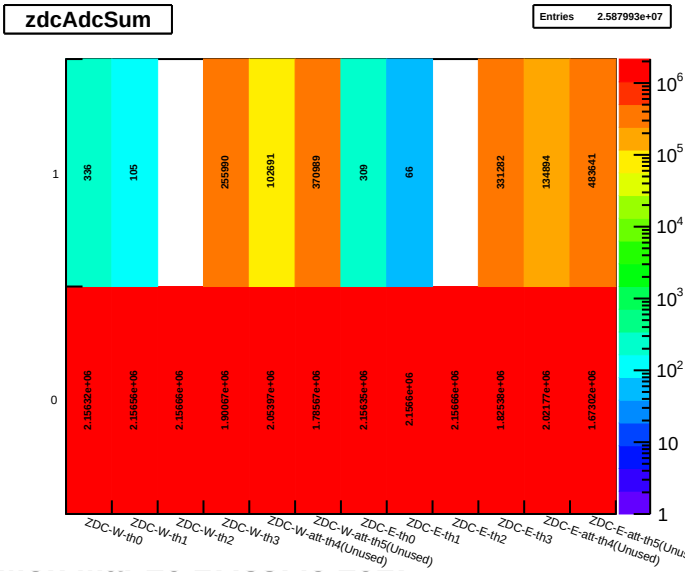

vpdWestTacSumVsSimu
Entries 1670518
Data
Simu

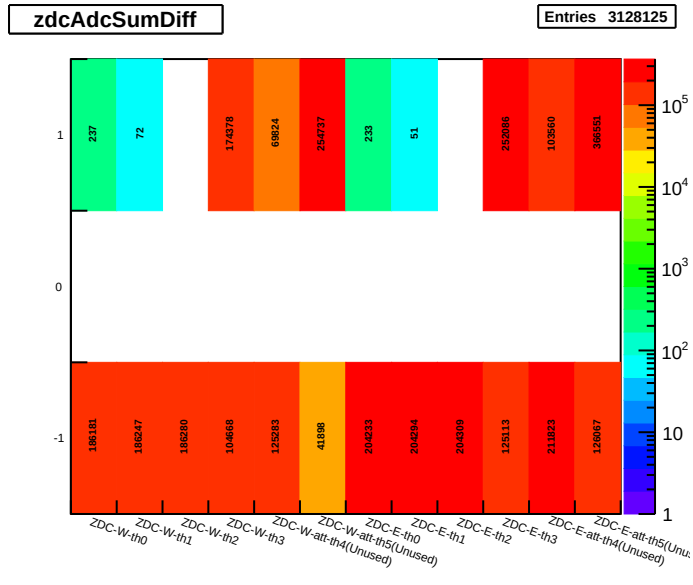

zdcEastTac
Entries 2156661

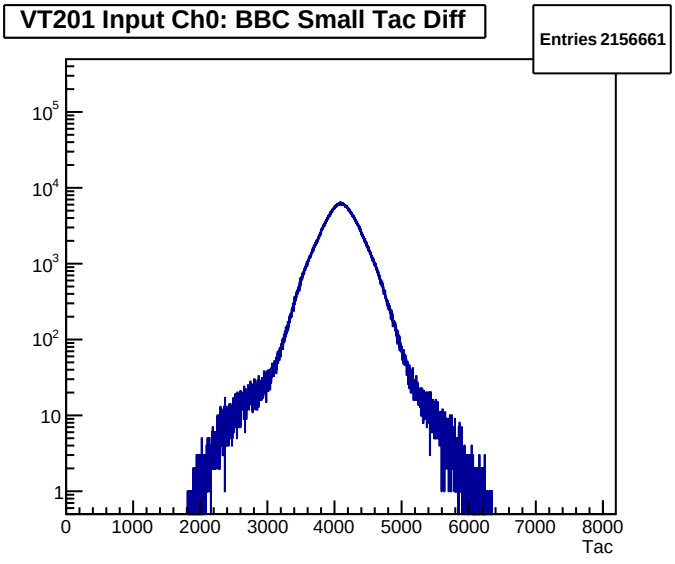

zdcEastTacVsSimu
Entries 394481
Data
Simu

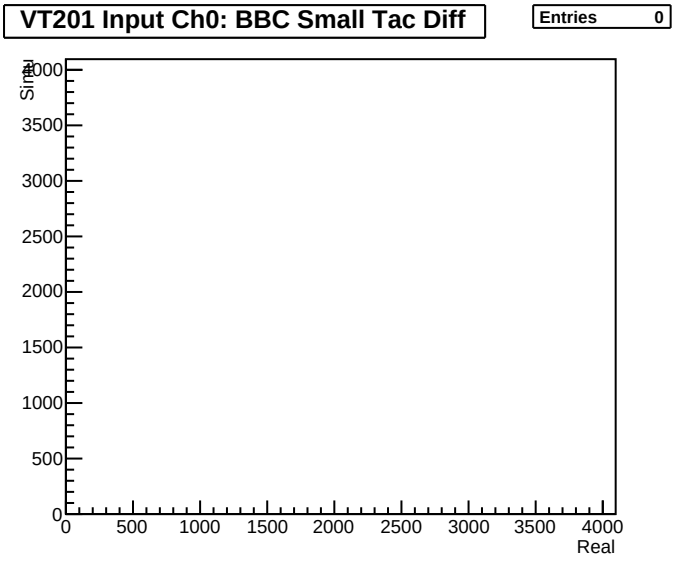

zdcWestTac
Entries 2156661

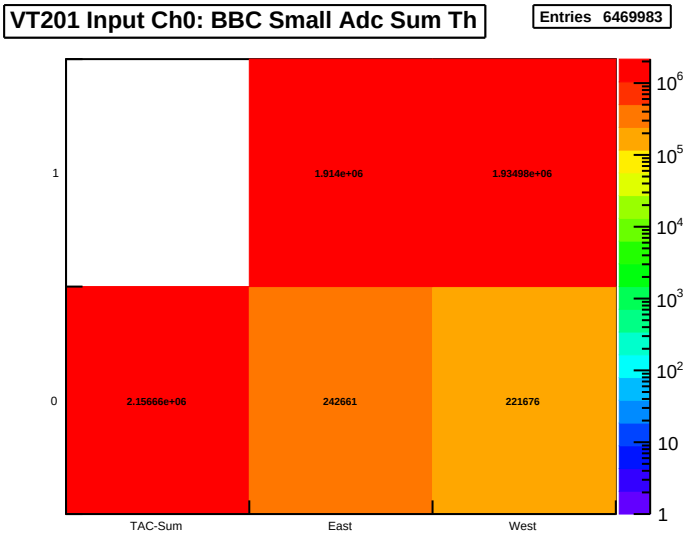

zdcWestTacVsSimu
Entries 279310
Data
Simu

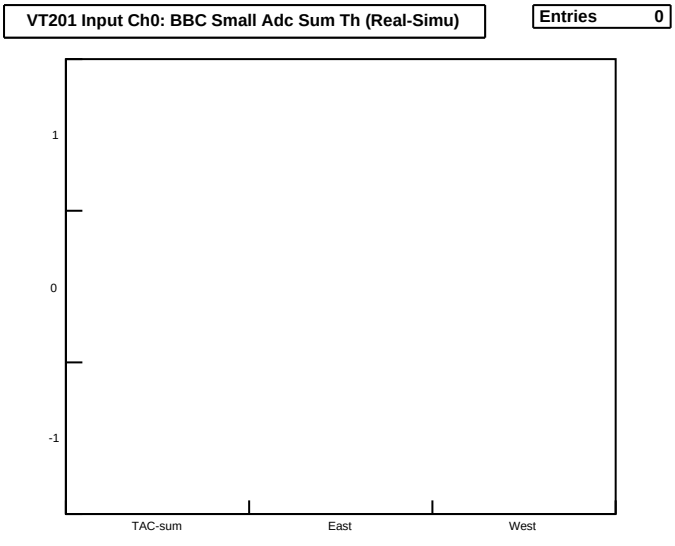

zdcAdcSum
Entries 2.587993e+07
336
105
255990
102691
370989
309
66
331282
134894
483641
2.15632e+06
2.15656e+06
2.15666e+06
1.90067e+06
2.05397e+06
1.78567e+06
2.15635e+06
2.11566e+06
2.15666e+06
1.82538e+06
2.02177e+06
1.67302e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

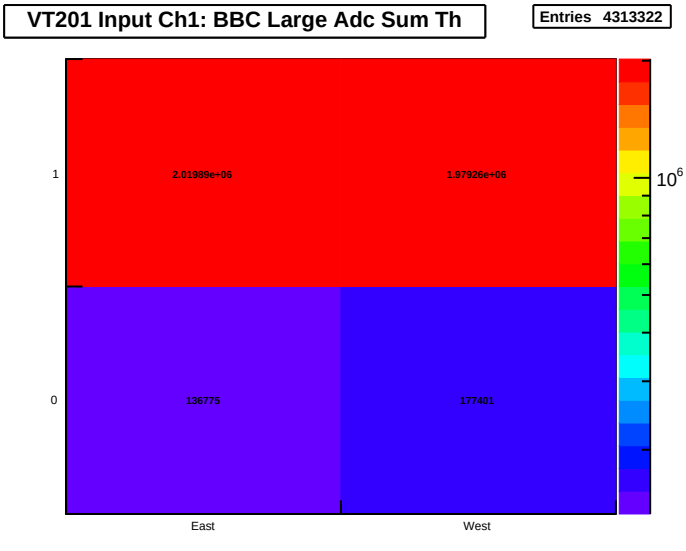

zdcAdcSumDiff
Entries 3128125
237
72
174378
69924
254737
233
51
252086
103560
366551
186181
186247
186280
104668
125283
41898
204233
204294
204309
125113
211823
126067
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

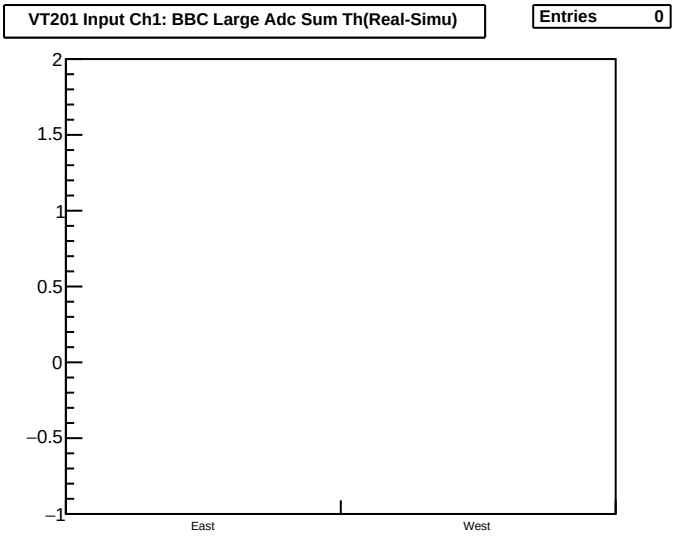

VT201 Input Ch0: BBC Small Tac Diff
Entries 2156661
Tac


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

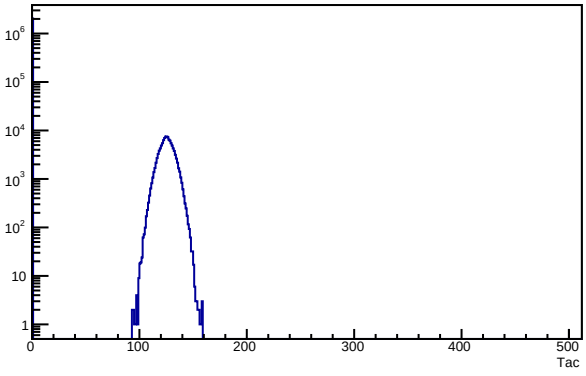

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6469983
1.914e+06
1.93498e+06
2.15666e+06
242661
221676
TAC-Sum
East
West


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

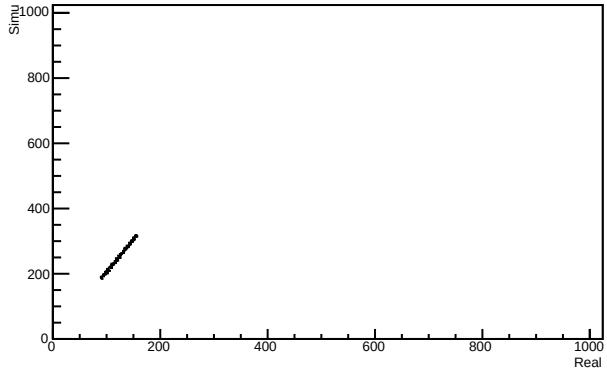

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4313322
2.01989e+06
1.97926e+06
136775
177401
East
West


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

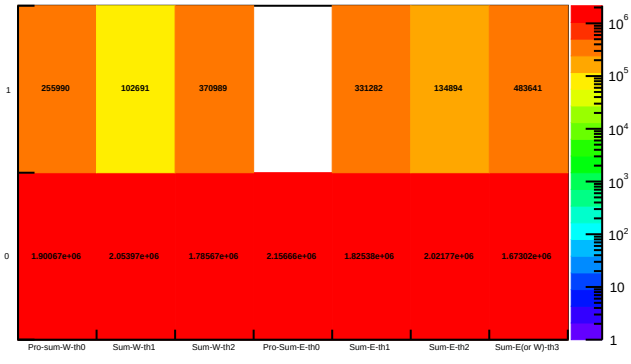
VT201 Input Ch2: ZDC Tac Diff



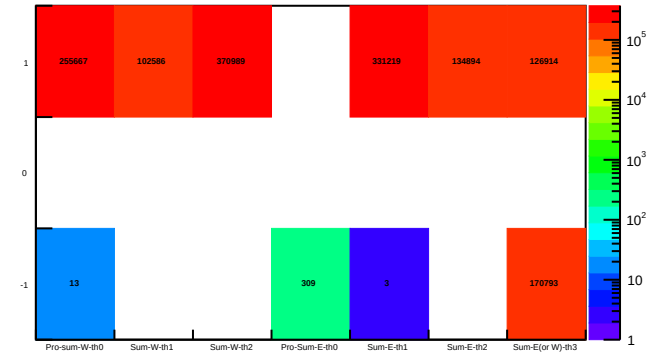
VT201 Input Ch2: ZDC Tac Diff



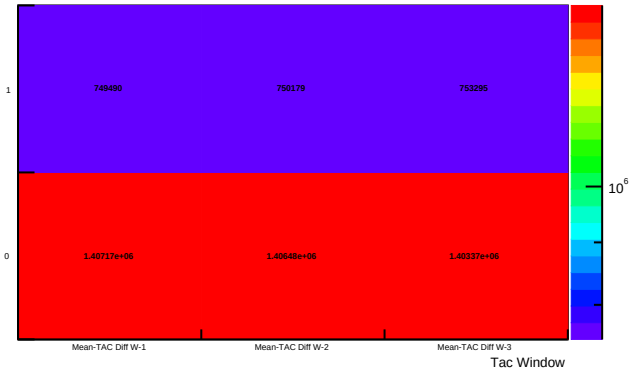
VT201 Input Ch2: ZDC Adc Sum Th



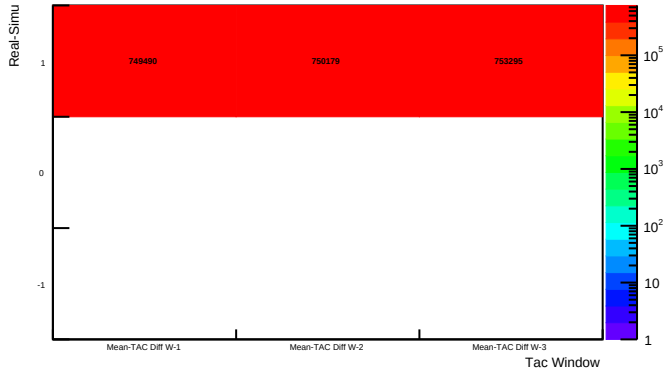
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



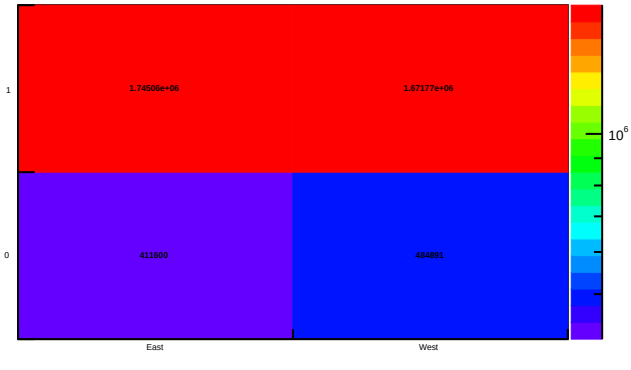
VT201 Input Ch4: VPD Tac Diff



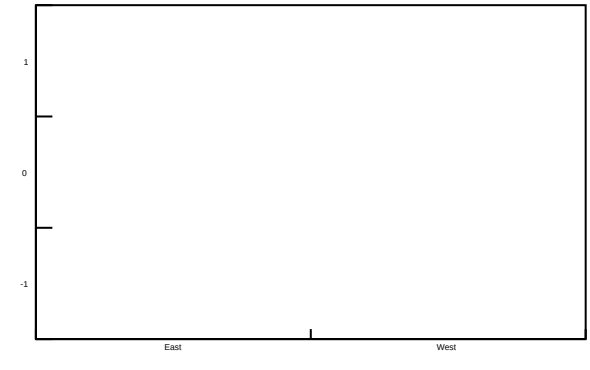
VT201 Input Ch4: VPD Tac Diff

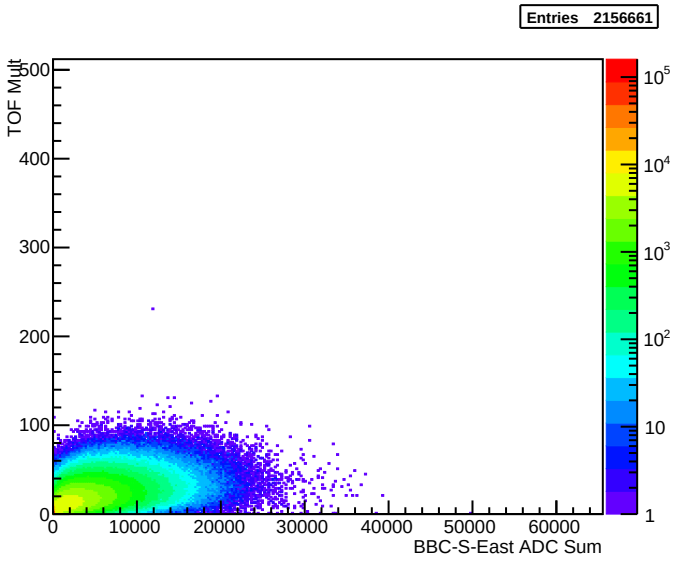


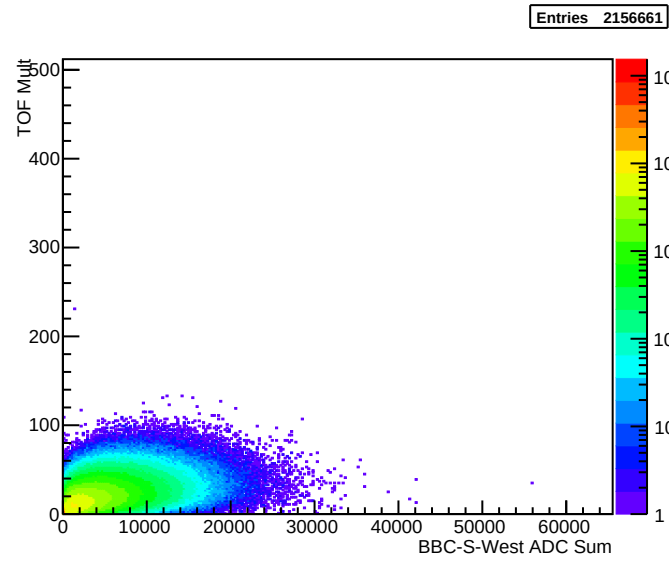
VT201 Input Ch4: VPD Adc Sum Th

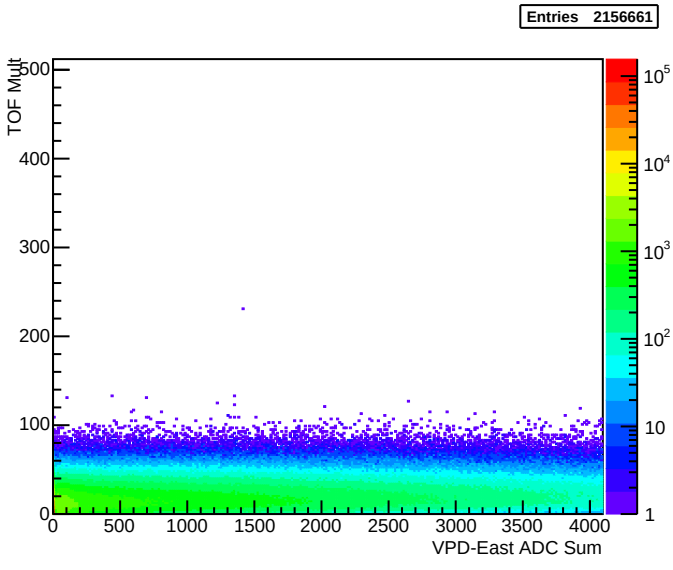


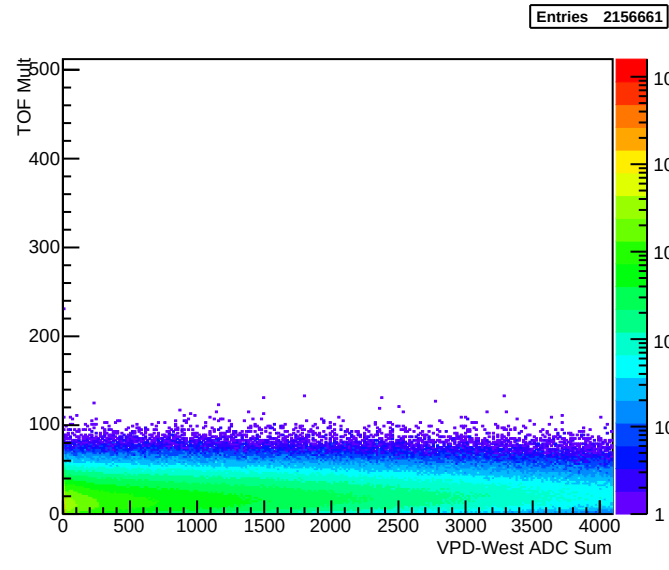
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

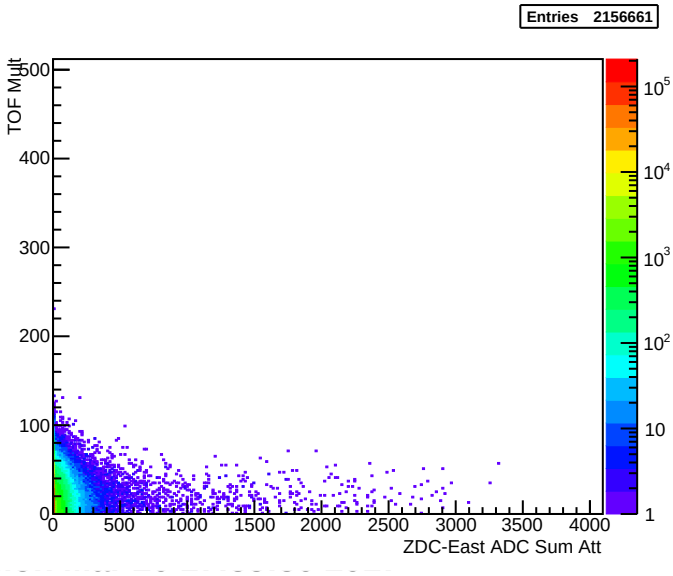


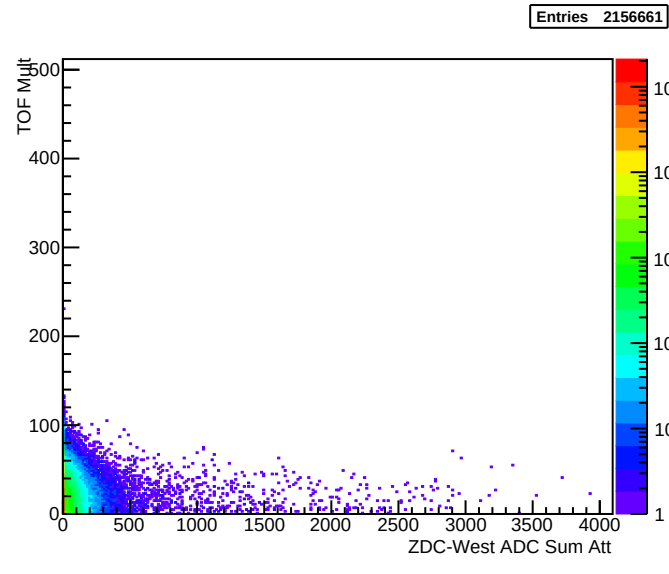

Entries 2156661
TOF Mult
BBC-S-East ADC Sum

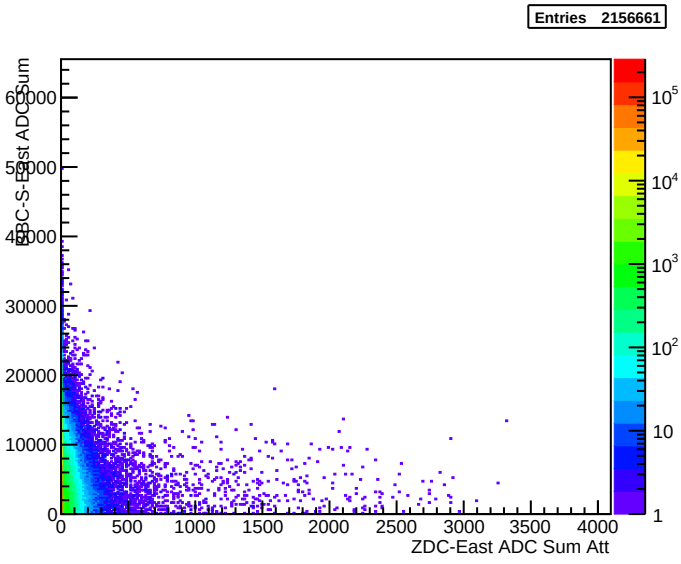

Entries 2156661
TOF Mult
BBC-S-West ADC Sum

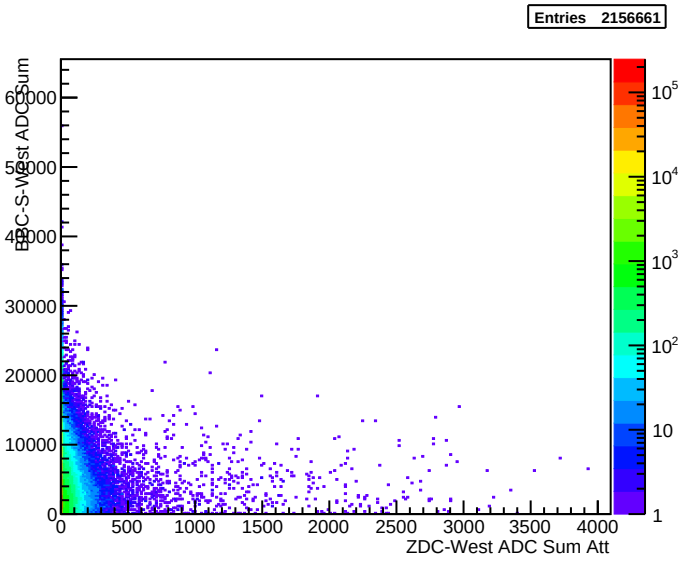

Entries 2156661
TOF Mult
VPD-East ADC Sum

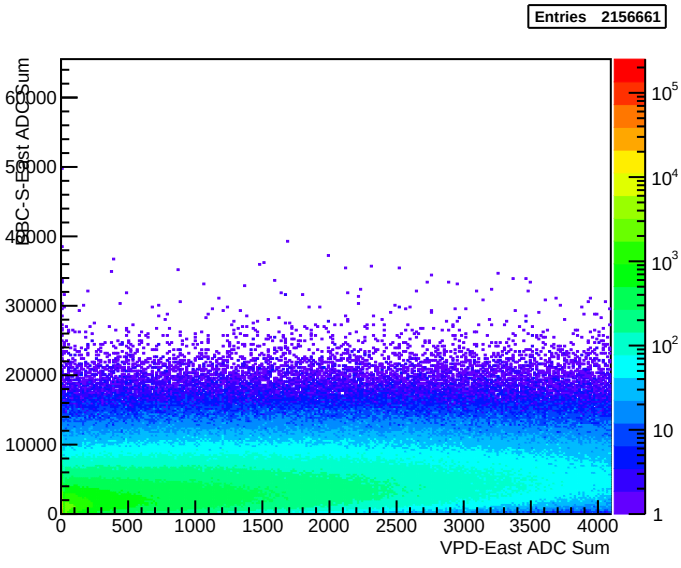

Entries 2156661
TOF Mult
VPD-West ADC Sum

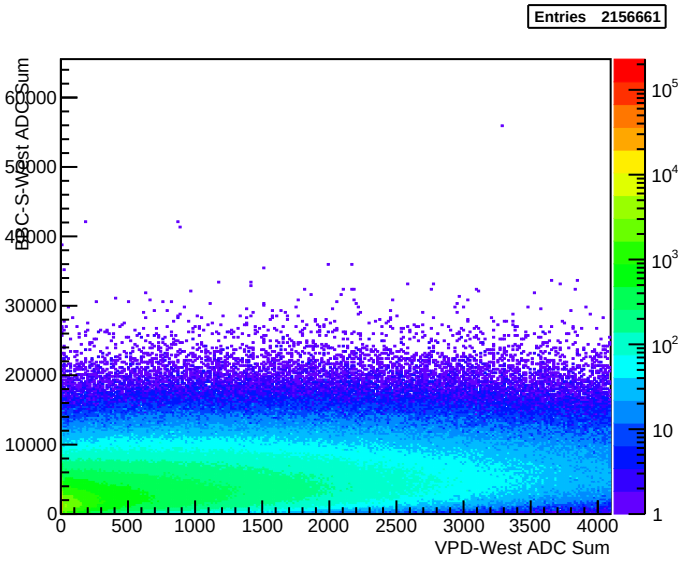

Entries 2156661
TOF Mult
ZDC-East ADC Sum Att

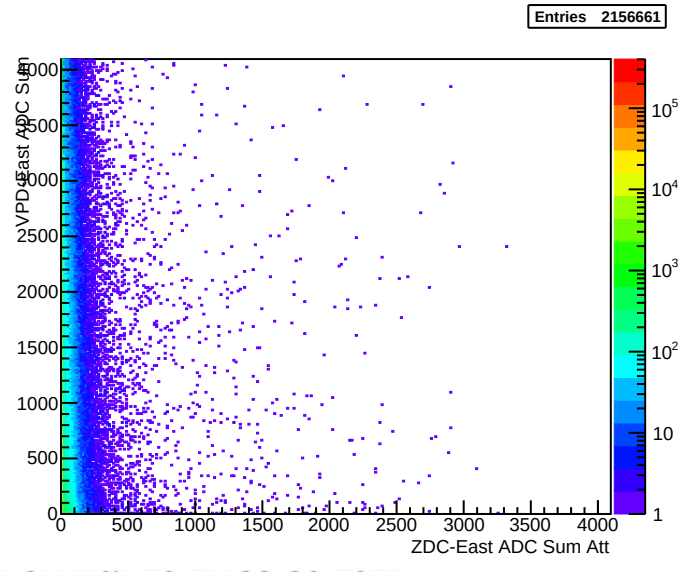

Entries 2156661
TOF Mult
ZDC-West ADC Sum Att

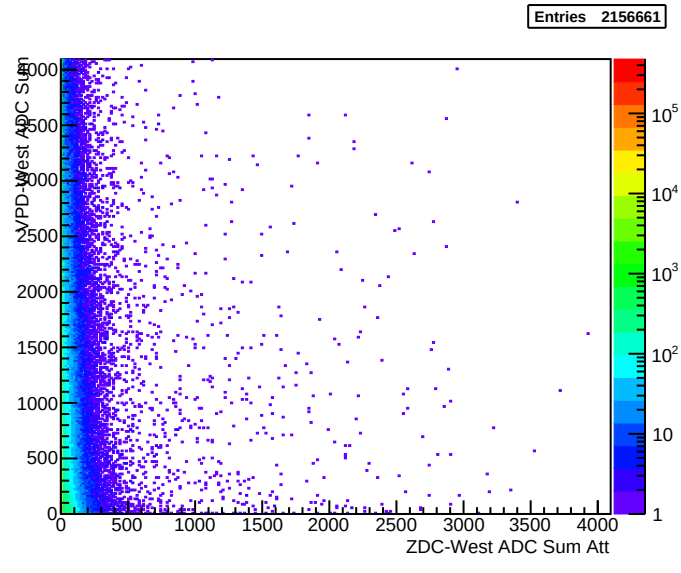

Entries 2156661
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

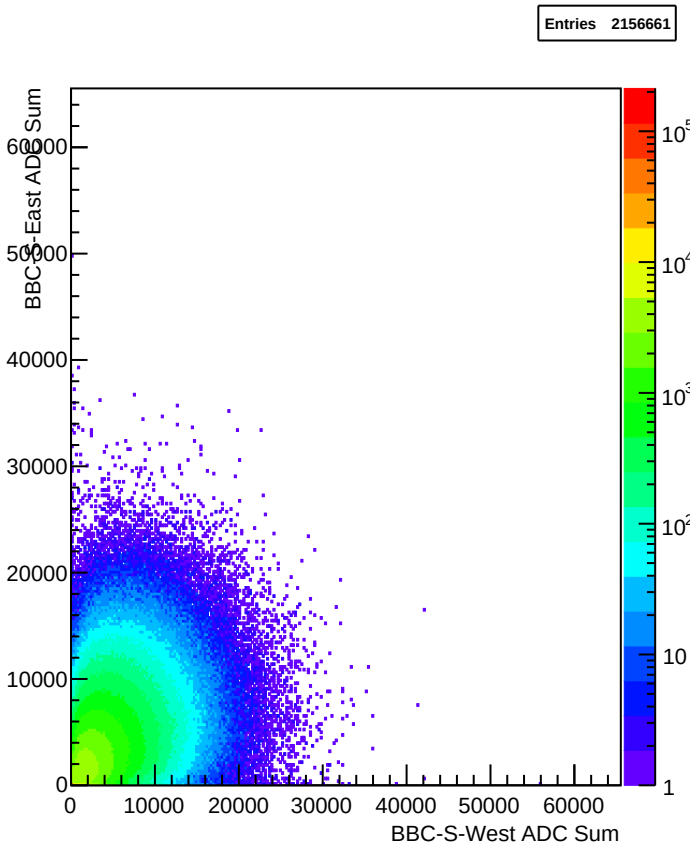

Entries 2156661
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

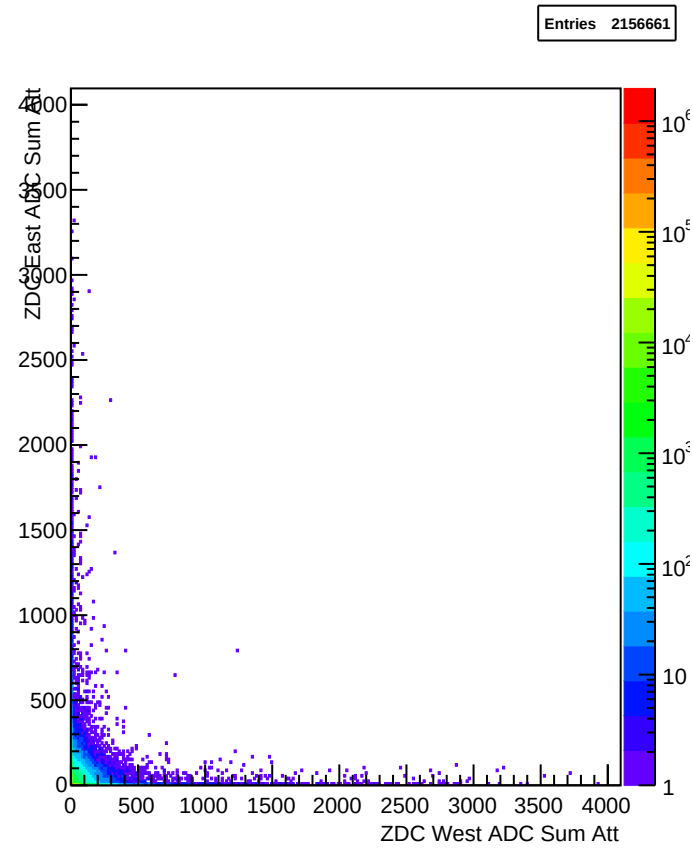

Entries 2156661
BBC-S-East ADC Sum
VPD-East ADC Sum

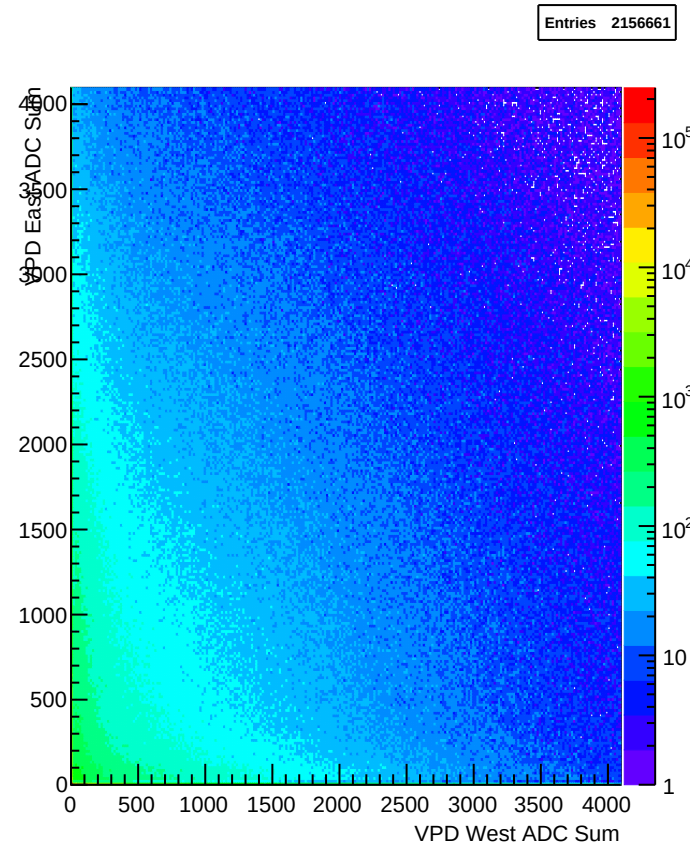

Entries 2156661
BBC-S-West ADC Sum
VPD-West ADC Sum

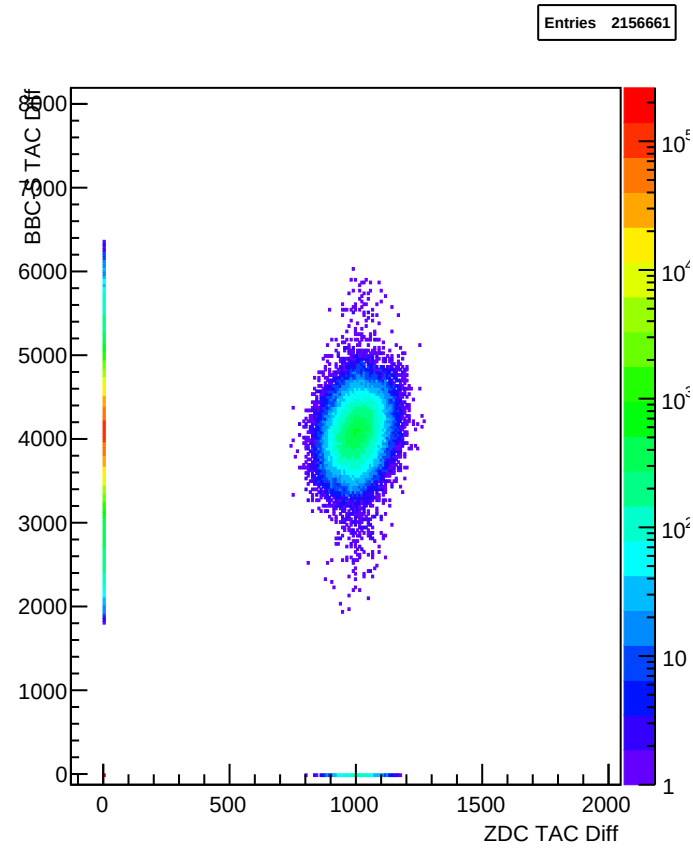

Entries 2156661
VPD-East ADC Sum
ZDC-East ADC Sum Att

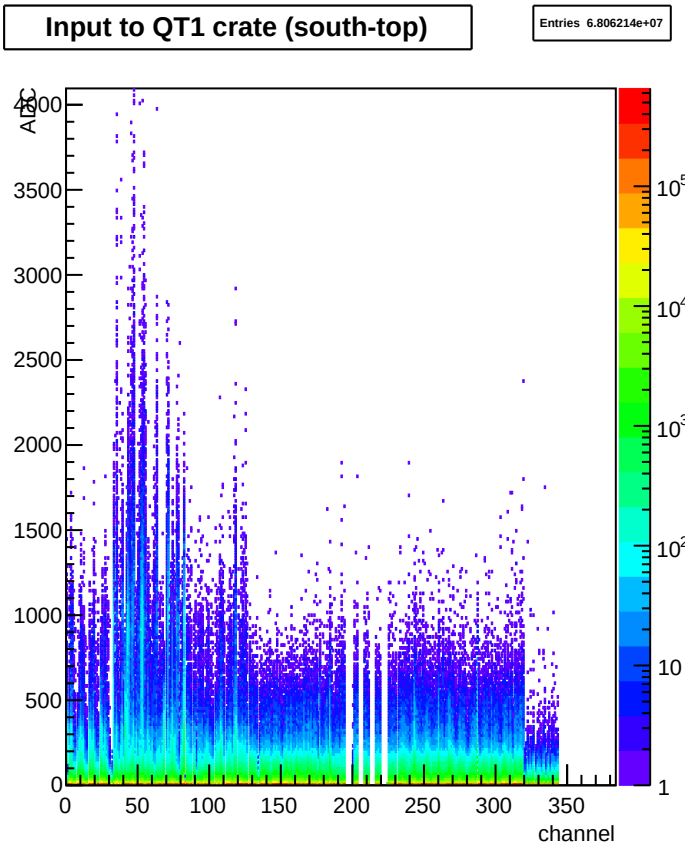

Entries 2156661
VPD-West ADC Sum
ZDC-West ADC Sum Att

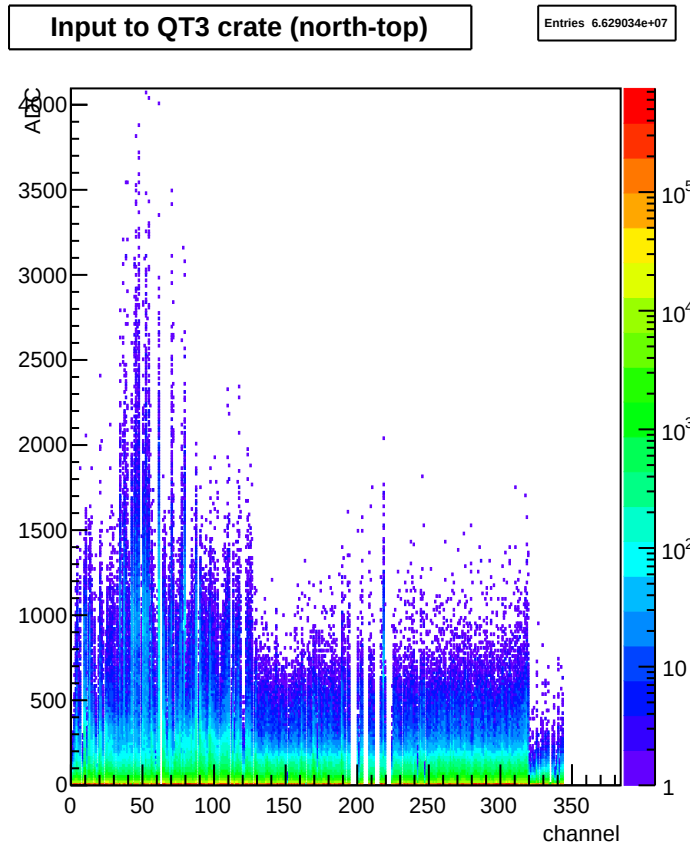

Entries 2156661
BBC-S-East ADC Sum
BBC-S-West ADC Sum

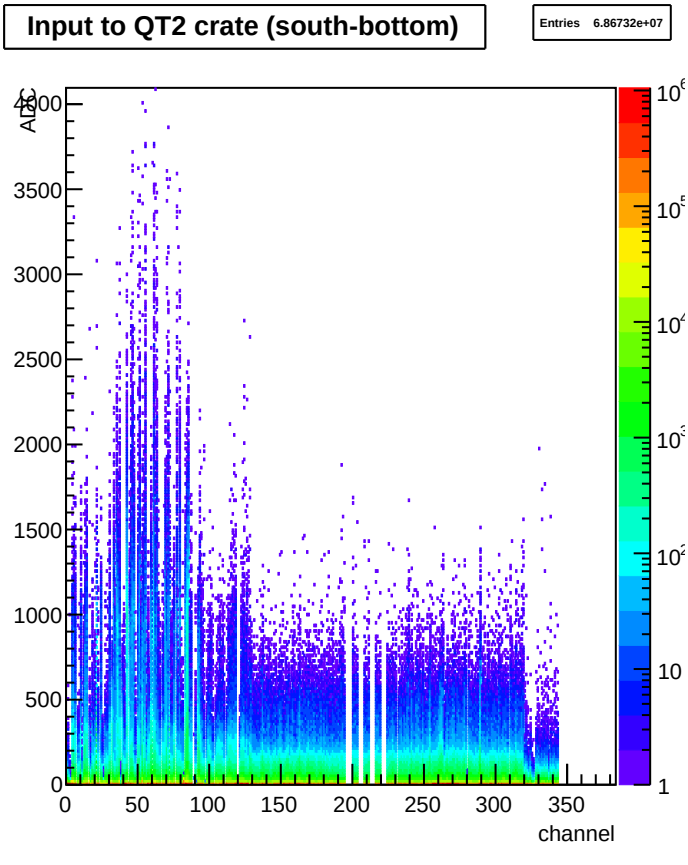

Entries 2156661
ZDC East ADC Sum Att
ZDC West ADC Sum Att

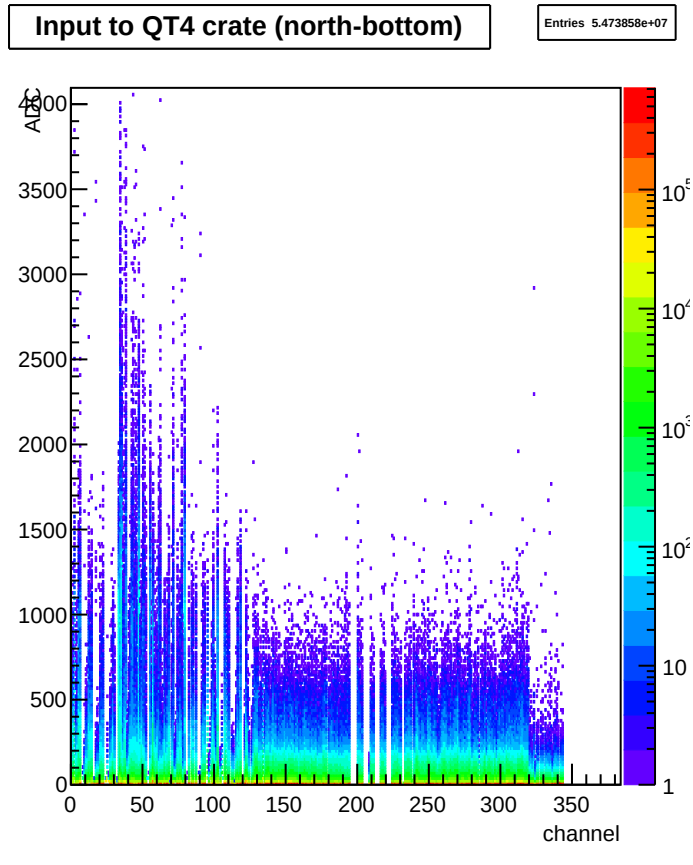

Entries 2156661
VPD East ADC Sum
VPD West ADC Sum

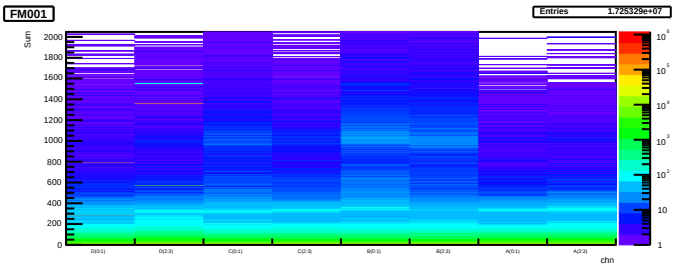

Entries 2156661
BBC-S TAC Diff
ZDC TAC Diff

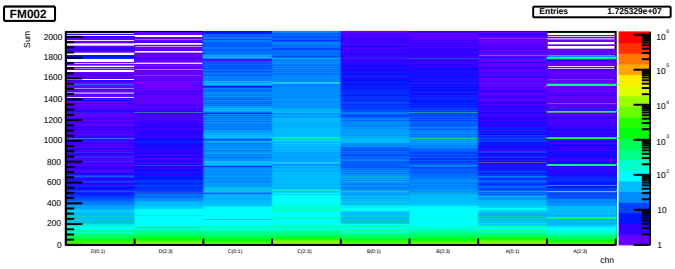

Input to QT1 crate (south-top)
Entries 6.806214e+07
ADC
channel

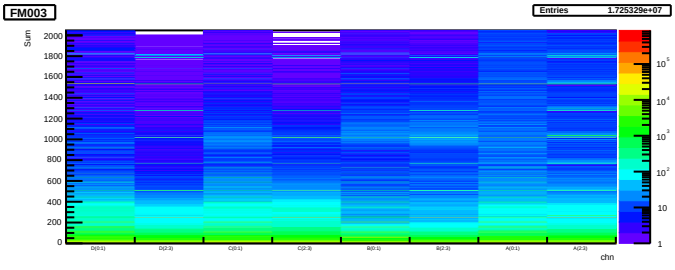

Input to QT3 crate (north-top)
Entries 6.629034e+07
ADC
channel

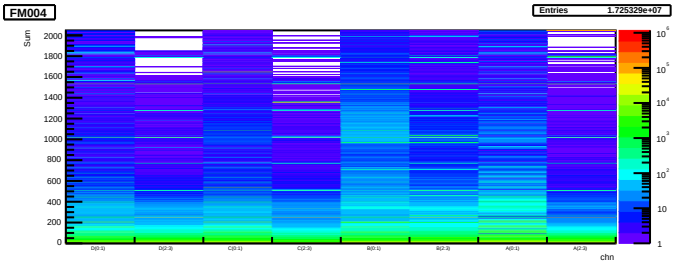

Input to QT2 crate (south-bottom)
Entries 6.86732e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 5.473858e+07
ADC
channel


FM001
Entries 1.725329e+07
Sum
chn


FM002
Entries 1.725329e+07
Sum
chn


FM003
Entries 1.725329e+07
Sum
chn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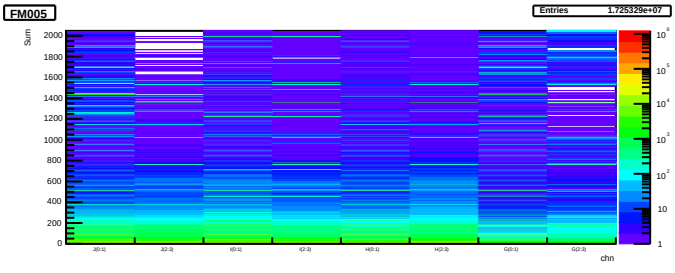
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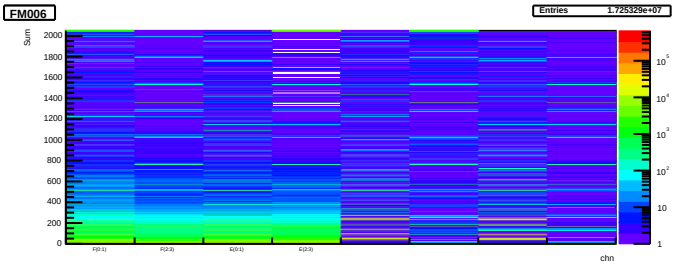
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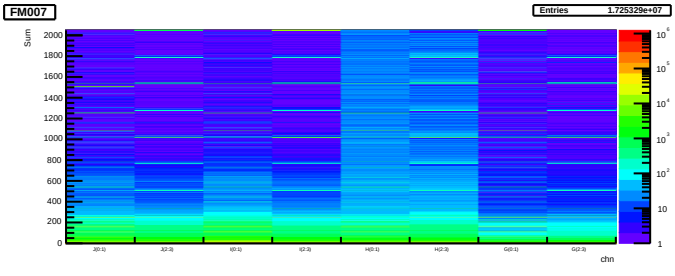
FM007
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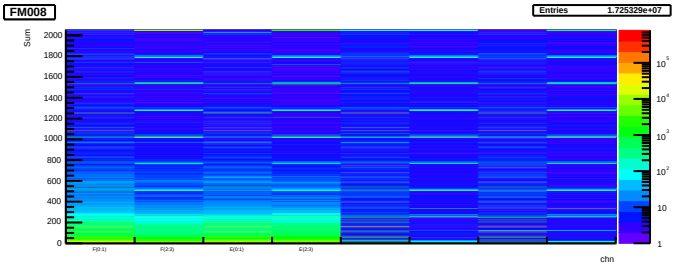
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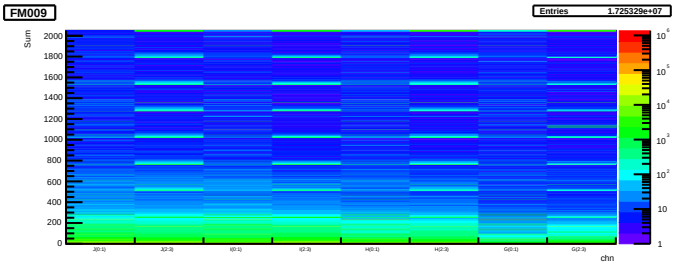
FM009
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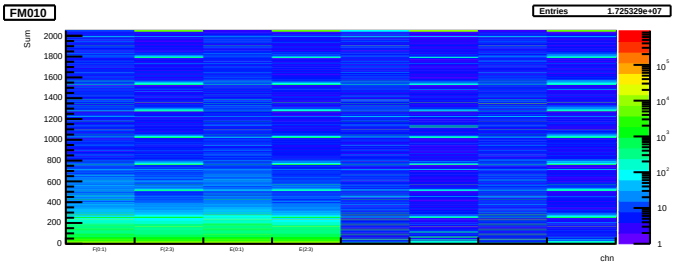
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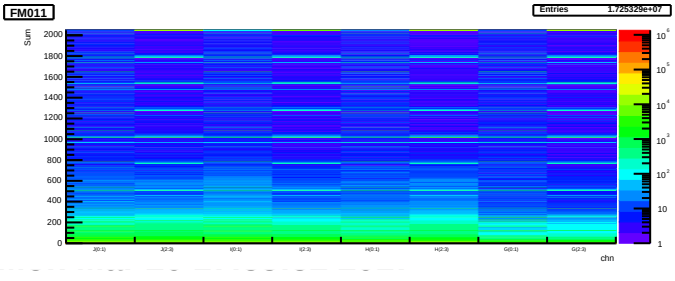
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Entries 1.725329e+07
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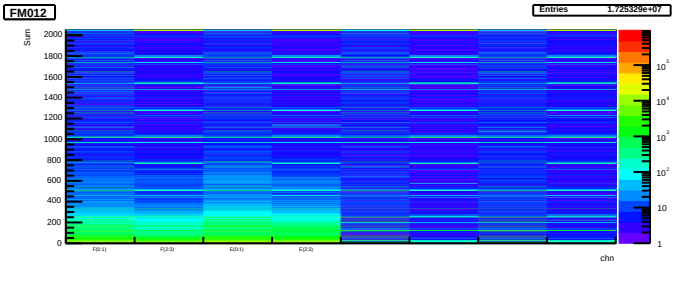
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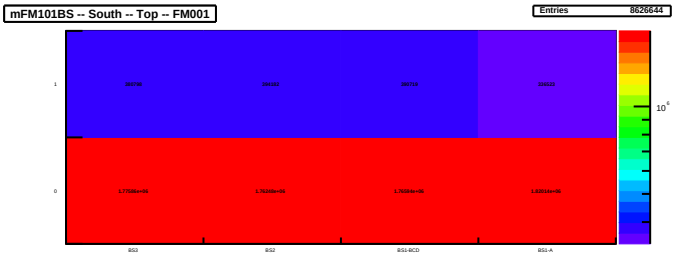
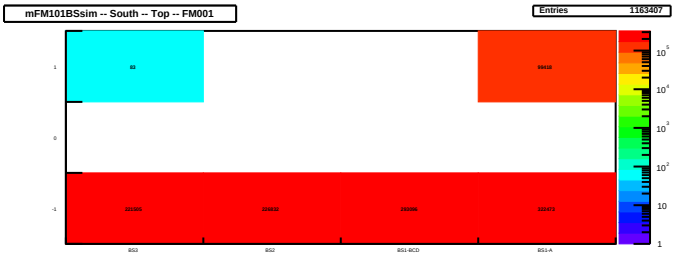

mFM101BS -- South -- Top -- FM001
Entries 8626644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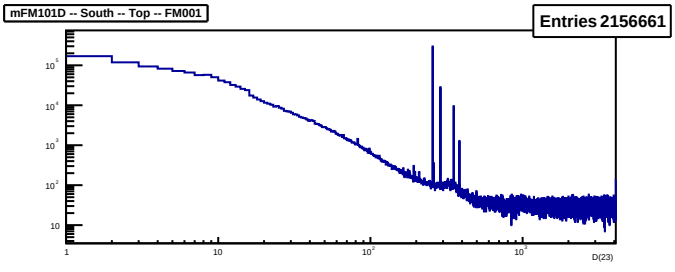
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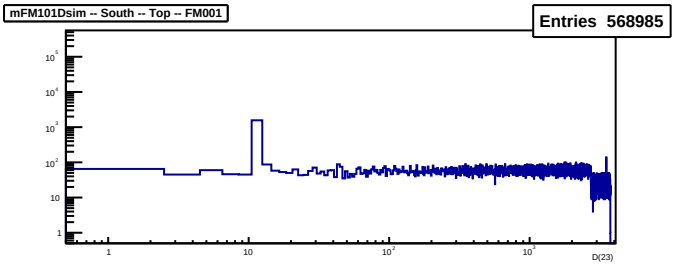
Entries 2156661
D(23)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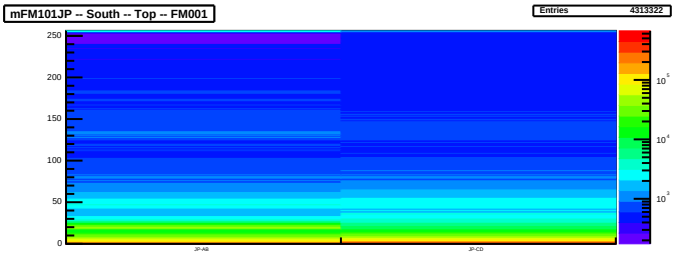
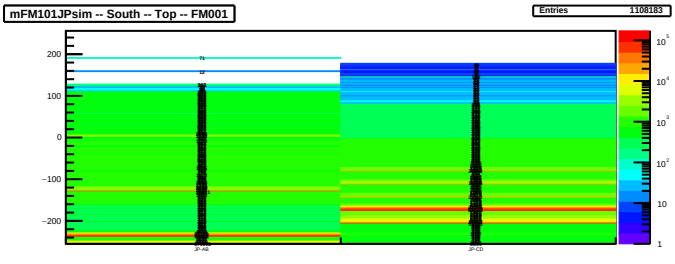
D(23)


mFM101JP -- South -- Top -- FM001
Entries 4313322


mFM101JPsim -- South -- Top -- FM001
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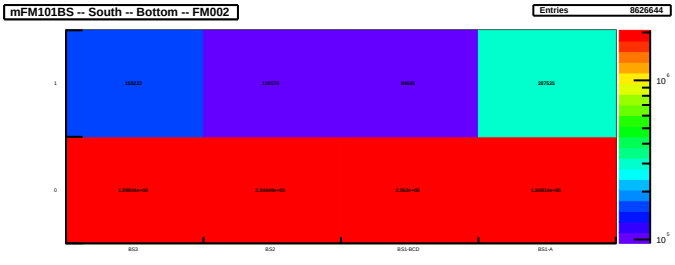
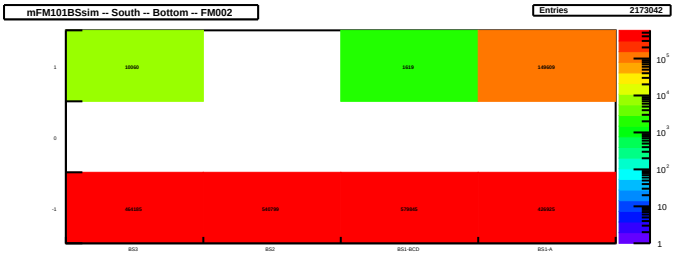

mFM101BS -- South -- Bottom -- FM002
Entries 8626644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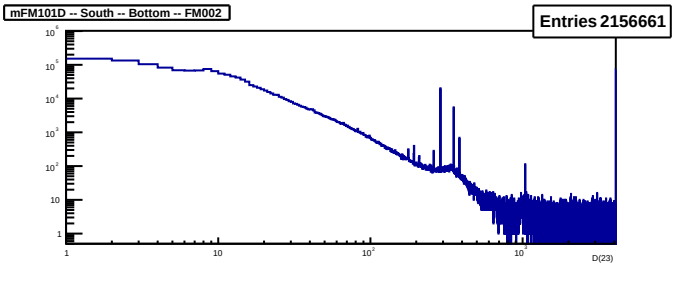
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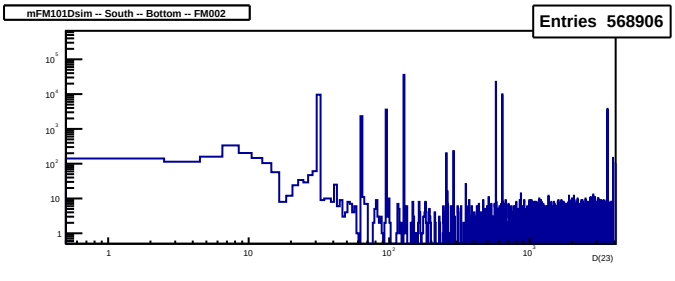
Entries 2156661
D(23)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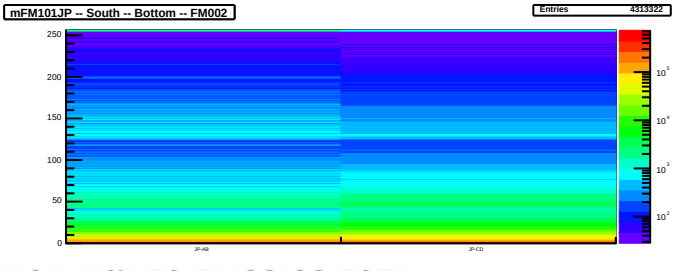
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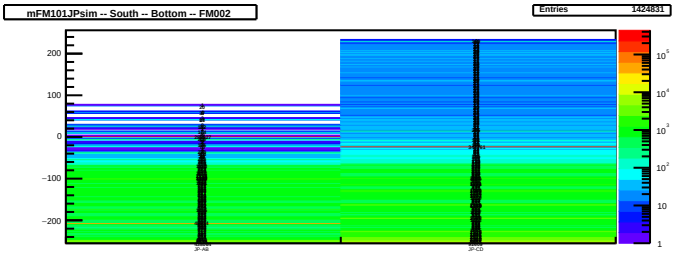
Entries 4313322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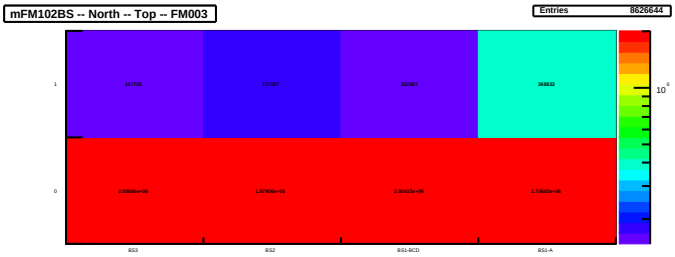
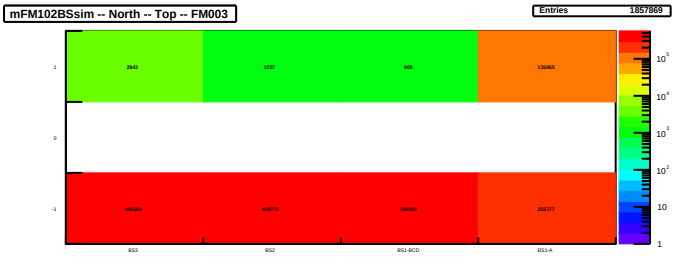

mFM102BS -- North -- Top -- FM003
Entries 8626644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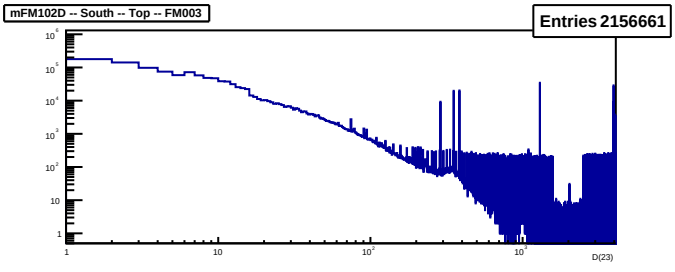
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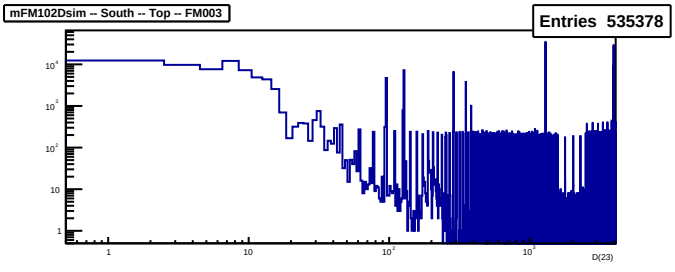
Entries 2156661
D(23)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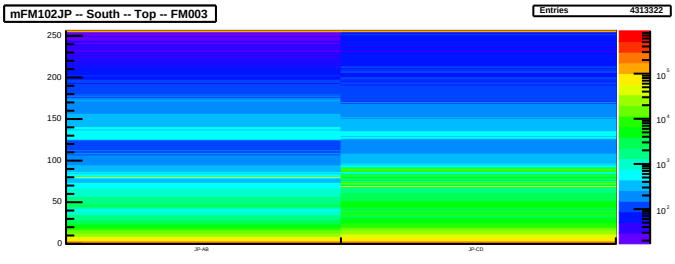
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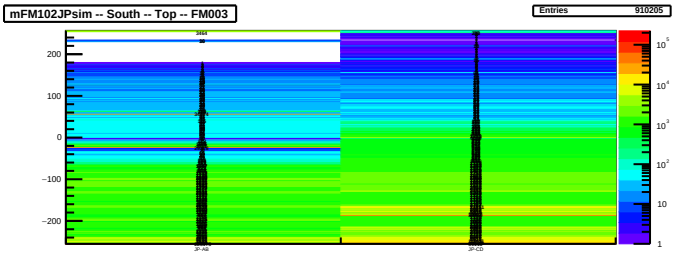
Entries 4313322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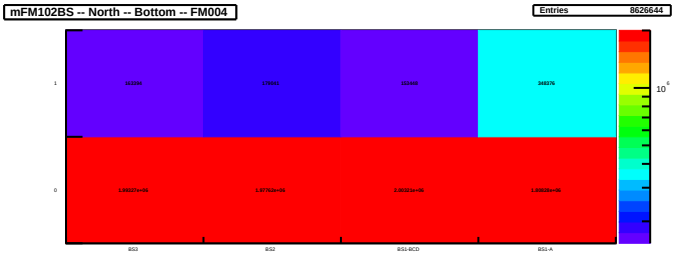
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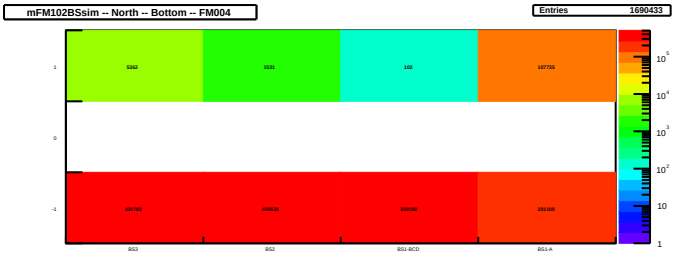
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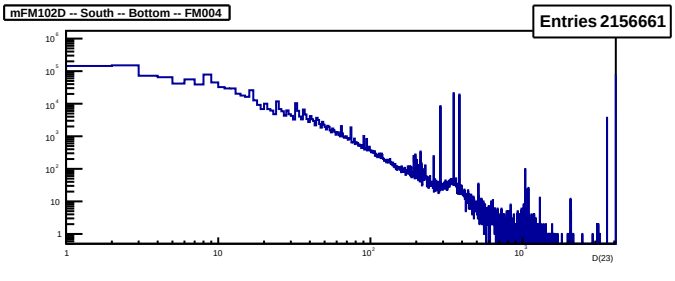
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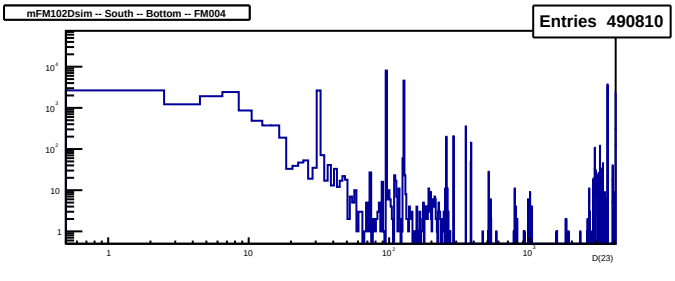
Entries 2156661
D(23)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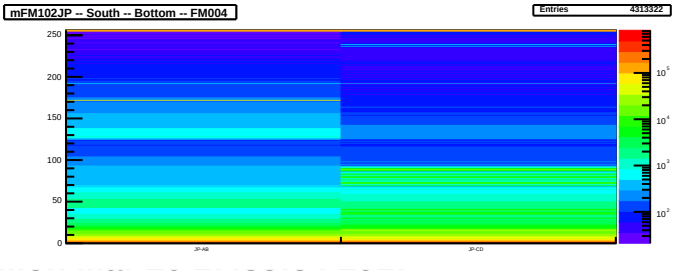
Entries 490810
D(23)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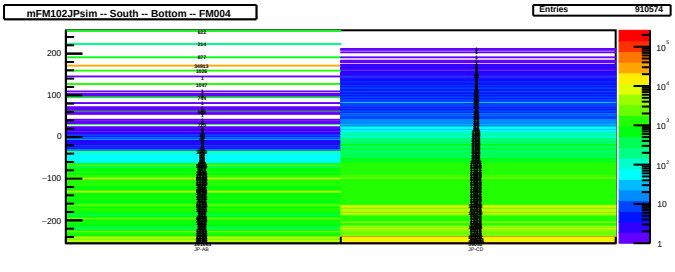
Entries 4313322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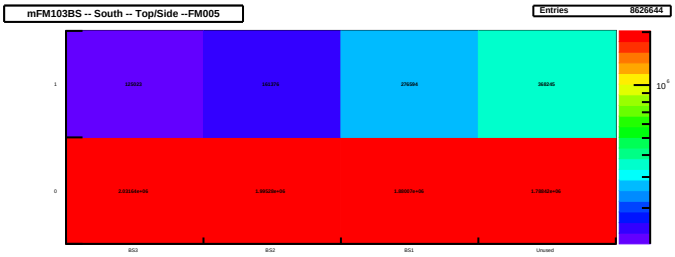
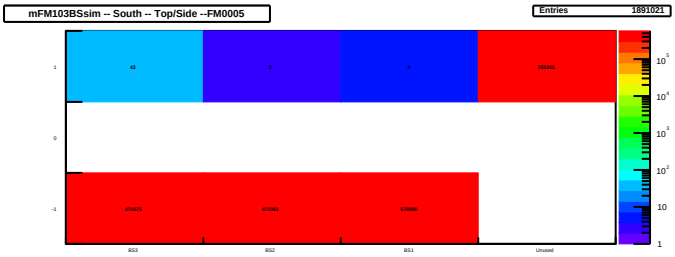

mFM103BS -- South -- Top/Side --FM005
Entries 8626644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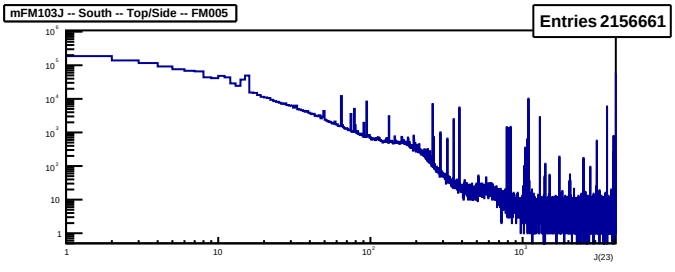
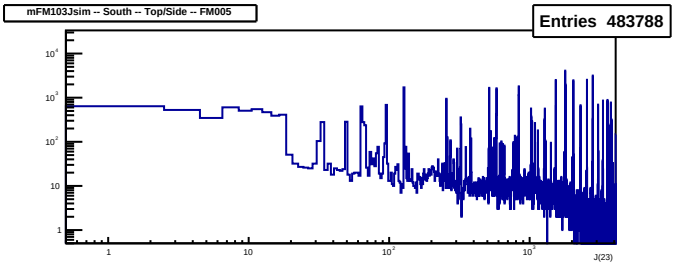

mFM103J -- South -- Top/Side -- FM005
Entries 2156661
J(23)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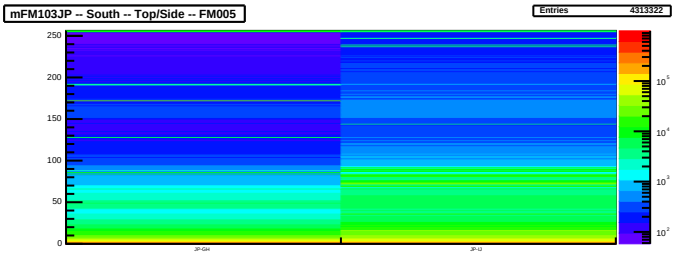
J(23)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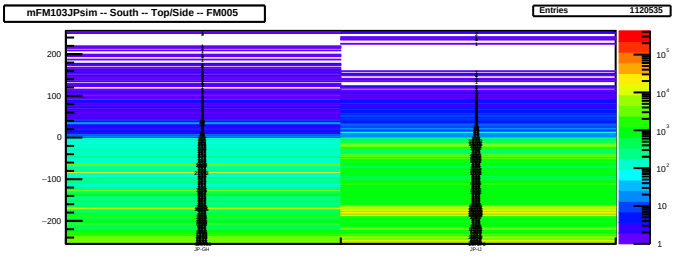
Entries 4313322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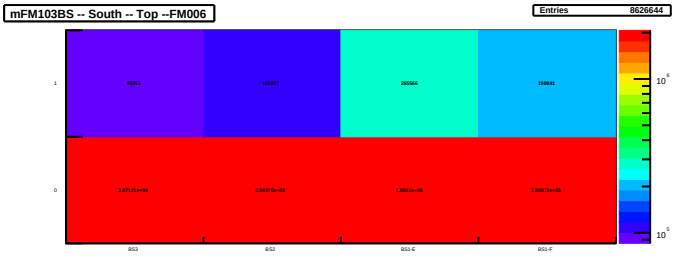
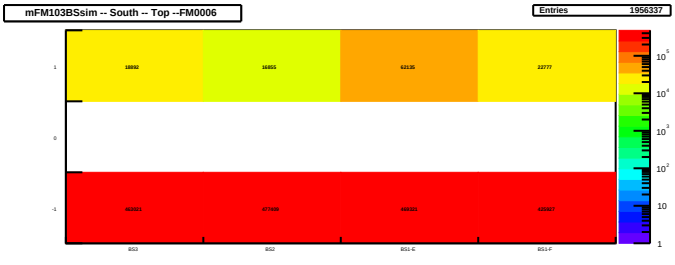
Entries 1120535


mFM103BS -- South -- Top --FM006
Entries 8626644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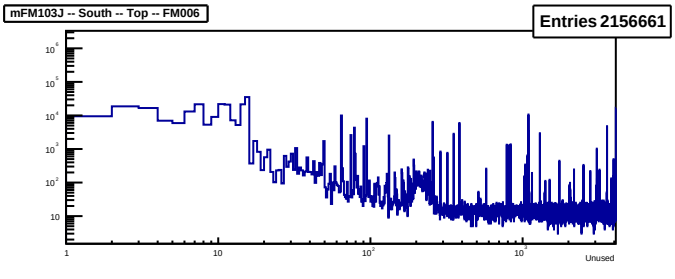
mFM103J -- South -- Top -- FM006
Entries 2156661
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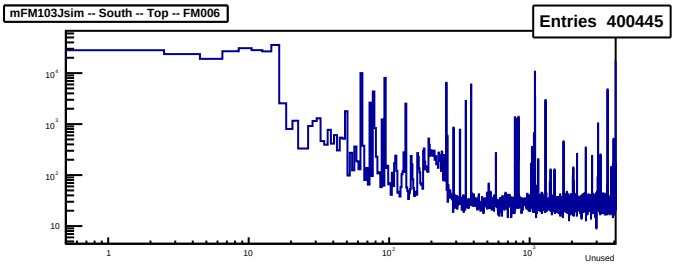
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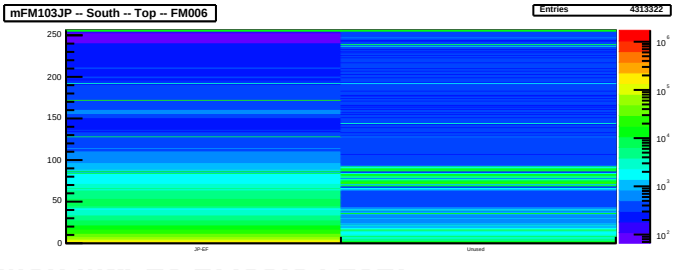
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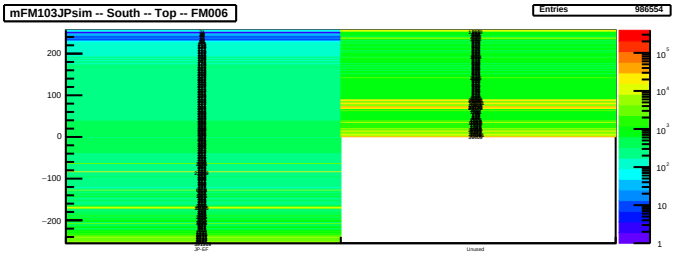
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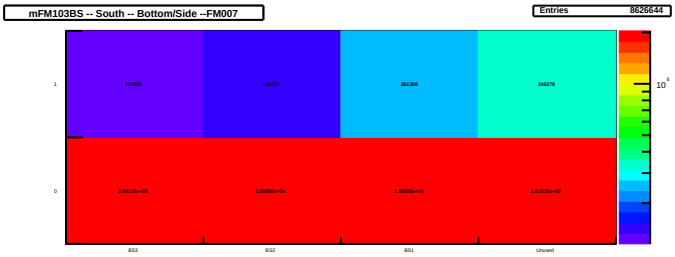
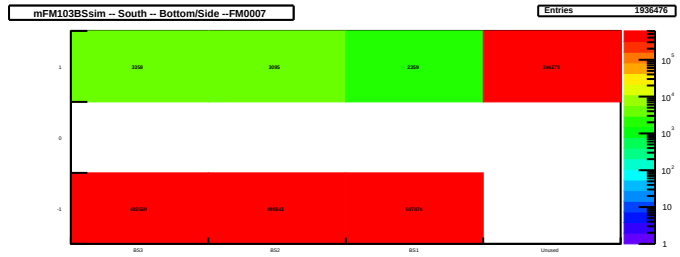

mFM103BS -- South -- Bottom/Side --FM007
Entries 8626644
BS3
BS2
BS1
Unused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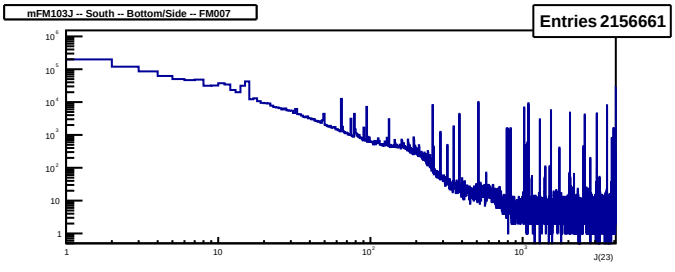
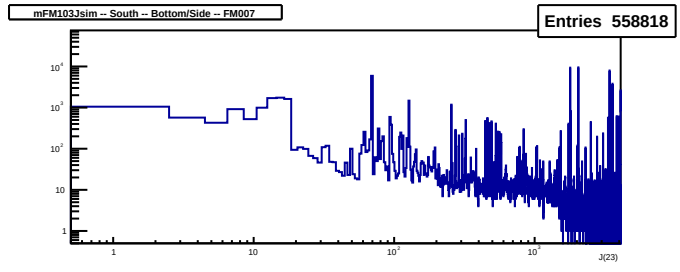
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 2156661
J(23)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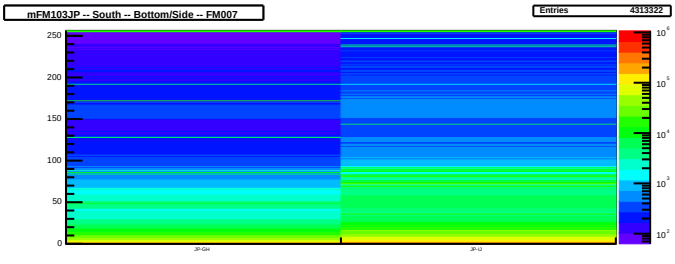
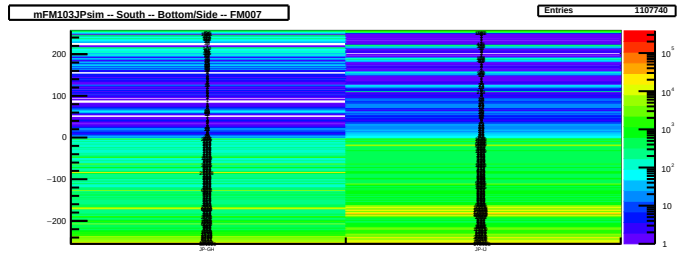
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 4313322
JP-GH
JP-IJ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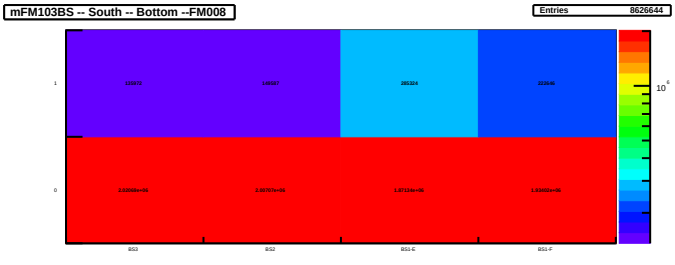
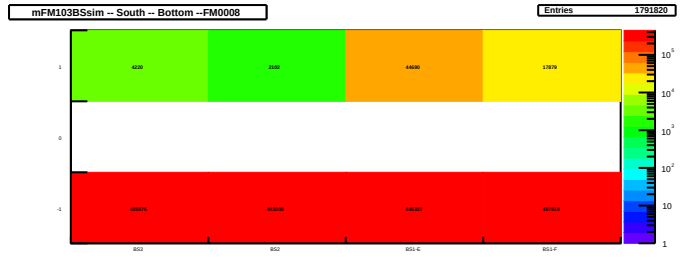
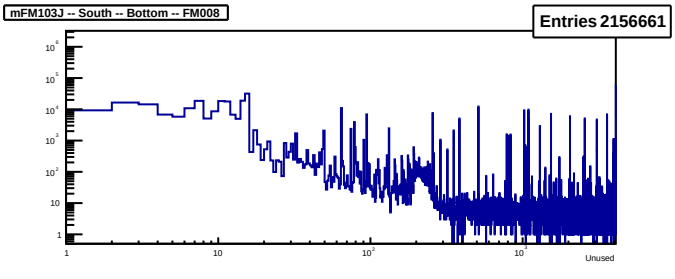
Entries 1107740
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 8626644
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 1791820
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 2156661
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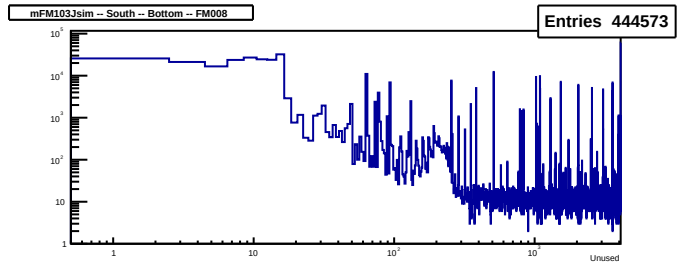
mFM103Jsim -- South -- Bottom -- FM008
Entries 444573
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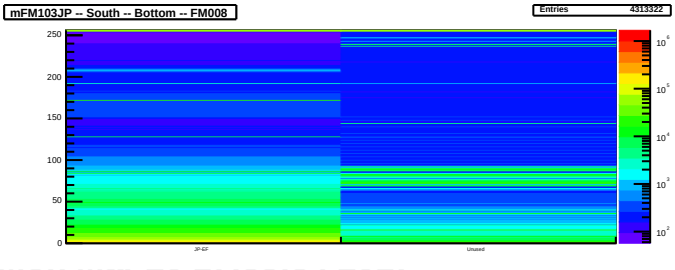
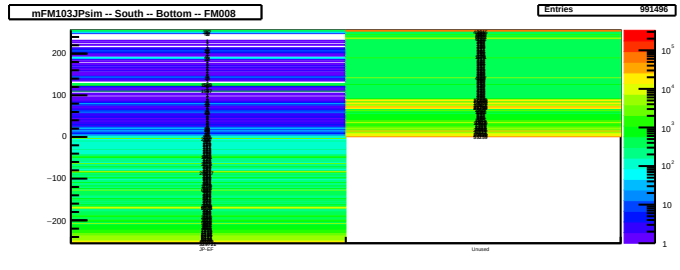

mFM103JP -- South -- Bottom -- FM008
Entries 4313322
JP-EF
Unused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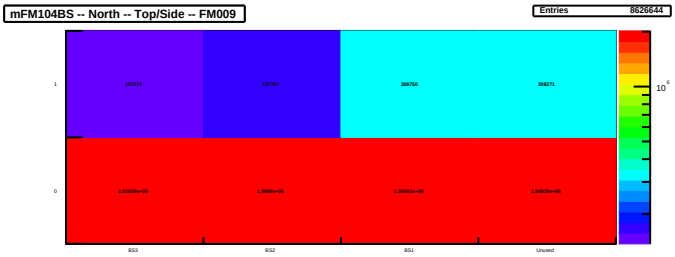
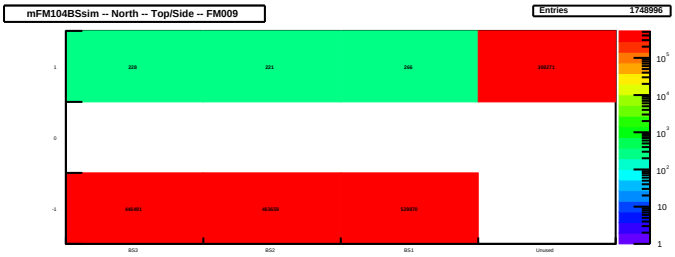
Entries 991496
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 8626644


mFM104BSsim -- North -- Top/Side -- FM009
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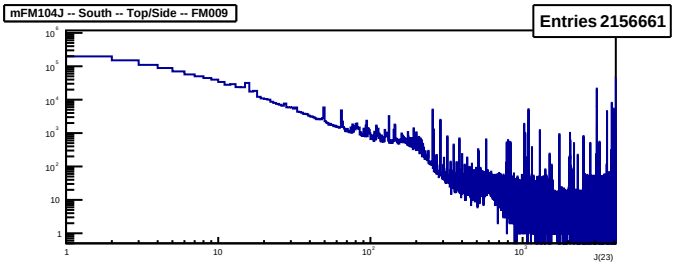
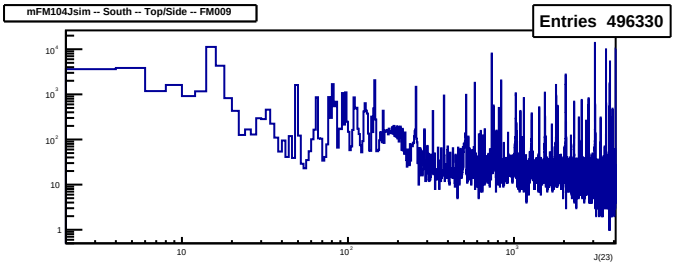

mFM104J -- South -- Top/Side -- FM009
Entries 2156661
J(23)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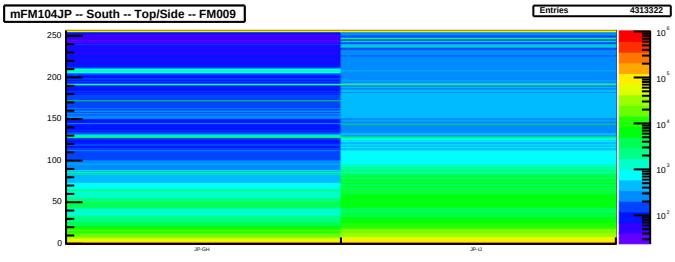
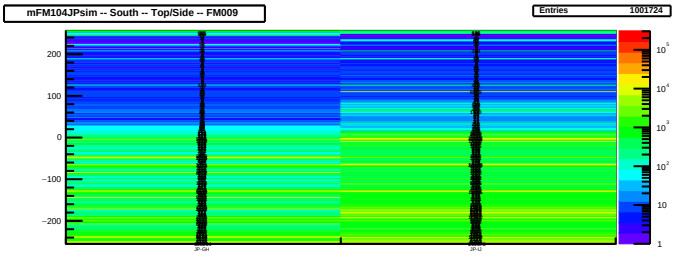
Entries 496330
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 4313322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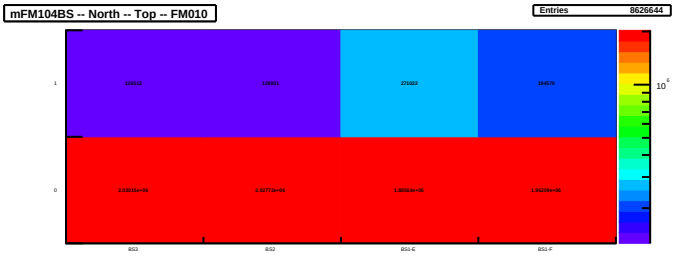
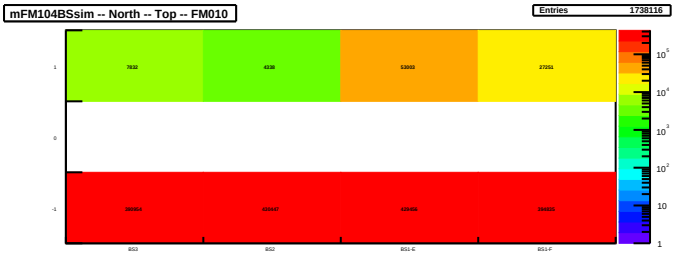
Entries 1001724


mFM104BS -- North -- Top -- FM010
Entries 8626644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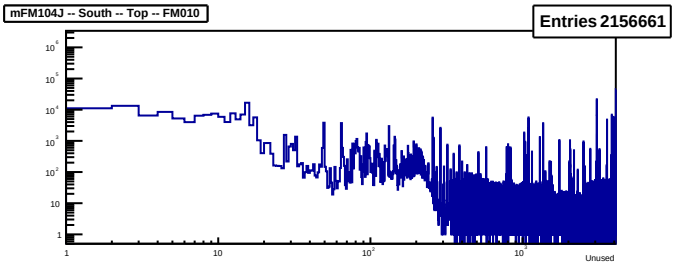
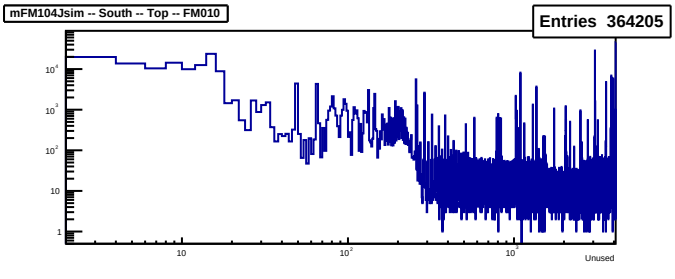
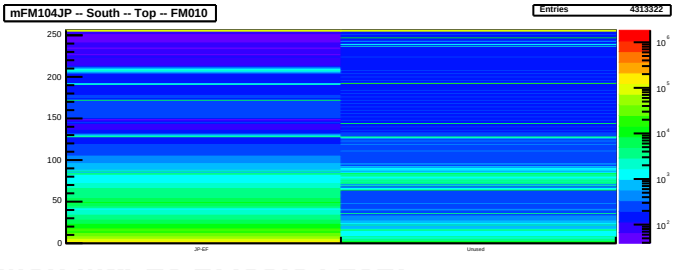
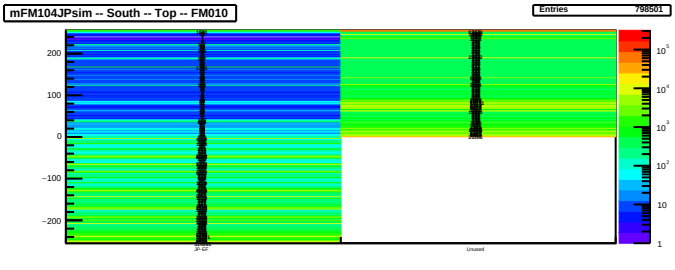
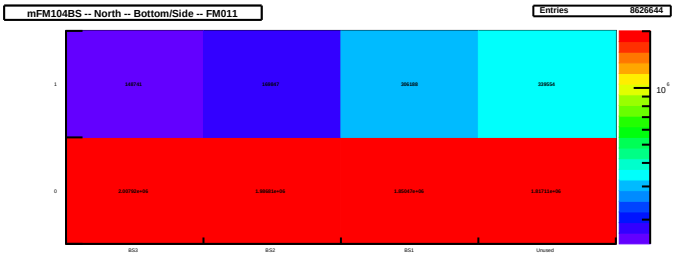
Entries 1738116

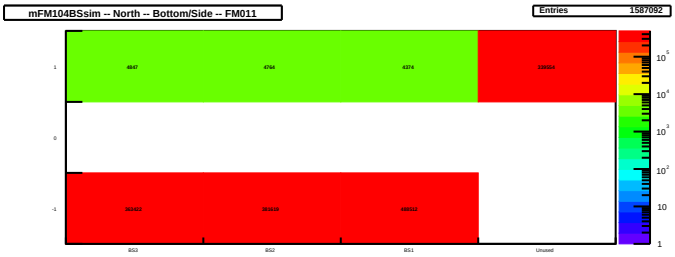

mFM104J -- South -- Top -- FM010
Entries 2156661
Unused

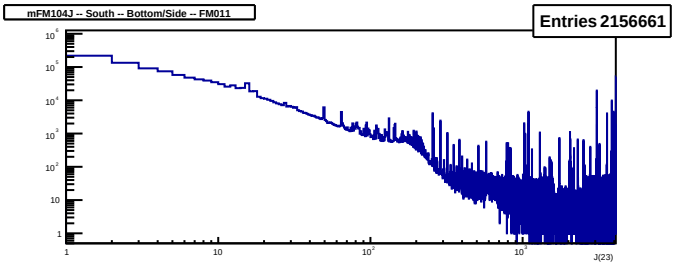

mFM104Jsim -- South -- Top -- FM010
Entries 364205
Unused

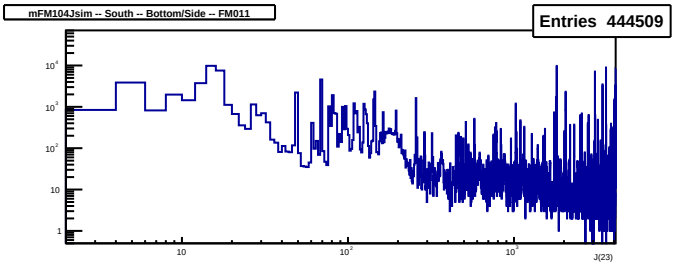

mFM104JP -- South -- Top -- FM010
Entries 4313322

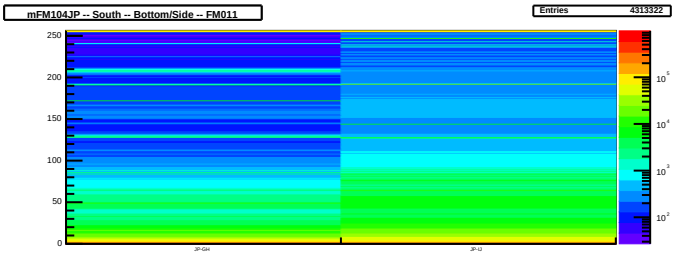

mFM104JPsim -- South -- Top -- FM010
Entries 798501

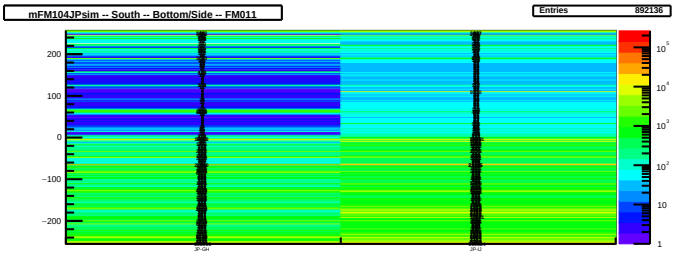

mFM104BS -- North -- Bottom/Side -- FM011
Entries 8626644

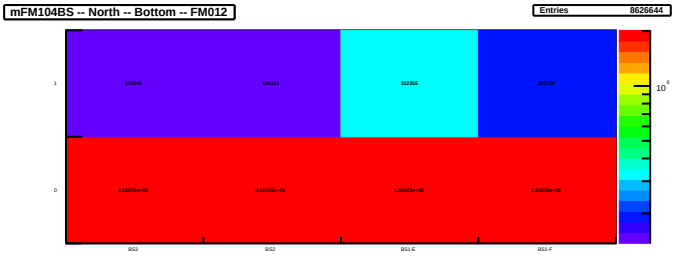

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1587092

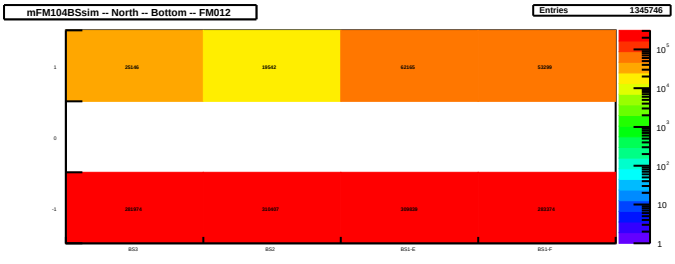

mFM104J -- South -- Bottom/Side -- FM011
Entries 2156661
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 444509
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 4313322


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 892136


mFM104BS -- North -- Bottom -- FM012
Entries 8626644


mFM104BSsim -- North -- Bottom -- FM012
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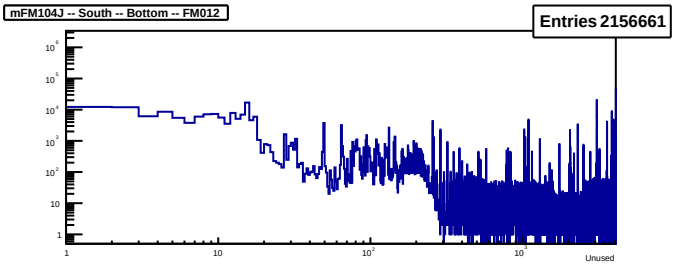
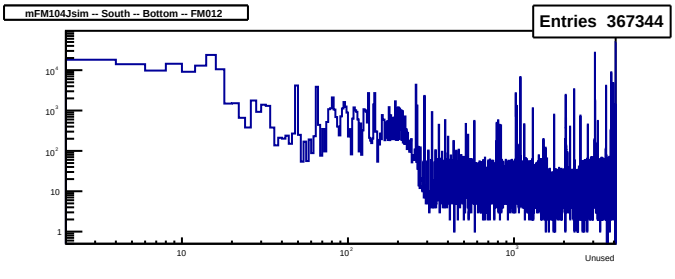
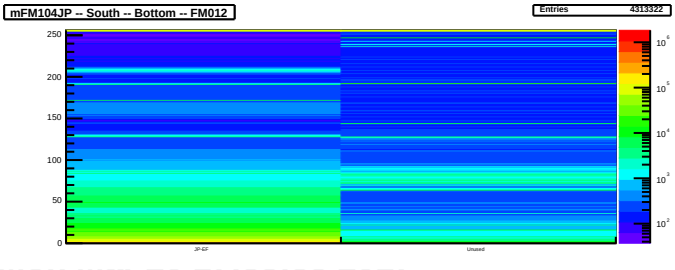
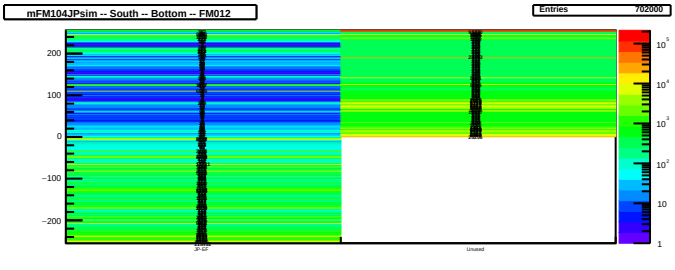
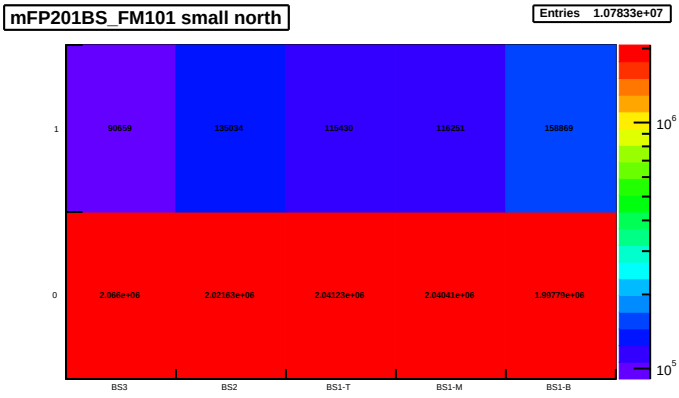
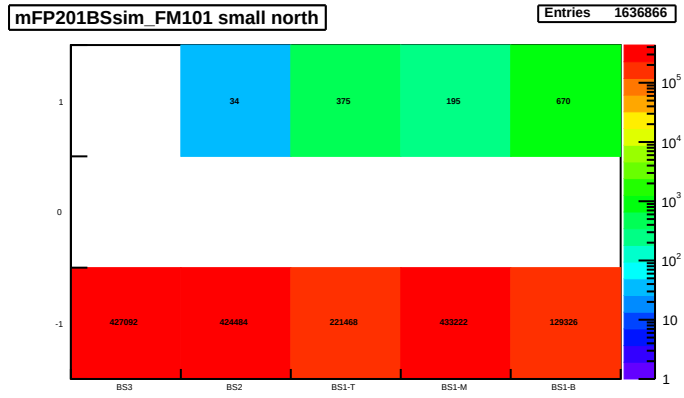

mFM104J -- South -- Bottom -- FM012
Entries 2156661
Unused

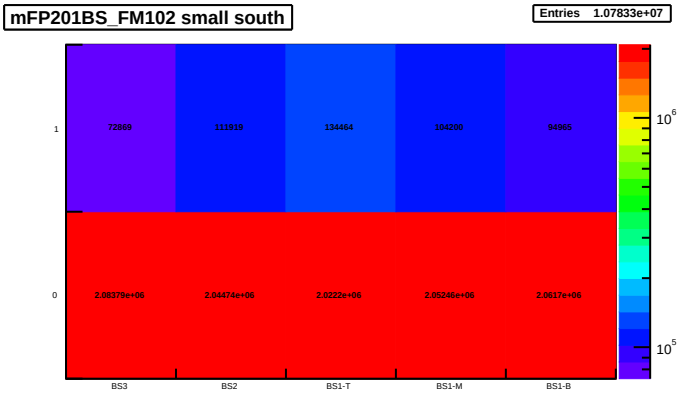

mFM104Jsim -- South -- Bottom -- FM012
Entries 367344
Unused


mFM104JP -- South -- Bottom -- FM012
Entries 4313322


mFM104JPsim -- South -- Bottom -- FM012
Entries 702000


mFP201BS_FM101 small north
Entries 1.07833e+07
1
0
90659
135034
115430
116251
158869
2.066e+06
2.02163e+06
2.04123e+06
2.04041e+06
1.99779e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5


mFP201BSsim_FM101 small north
Entries 1636866
1
0
-1
34
375
195
670
427092
424484
221468
433222
129326
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 1.07833e+07
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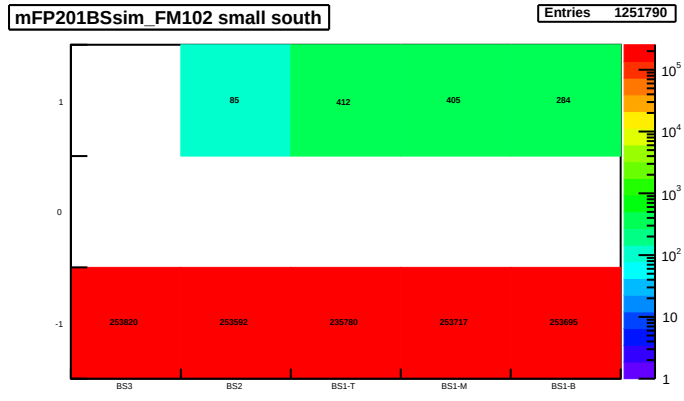
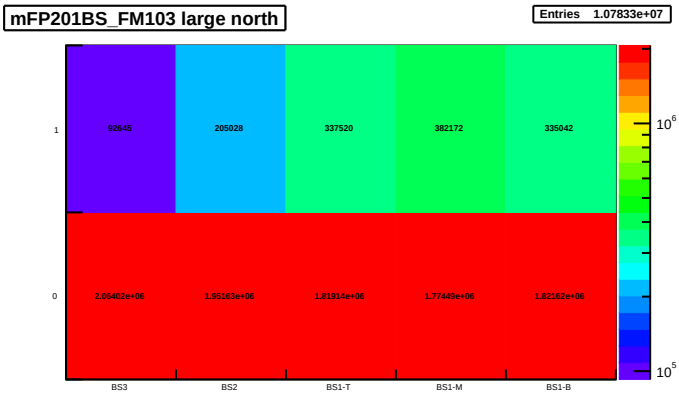
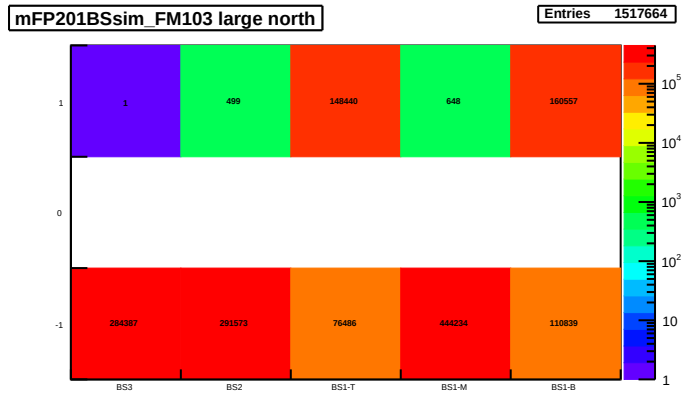
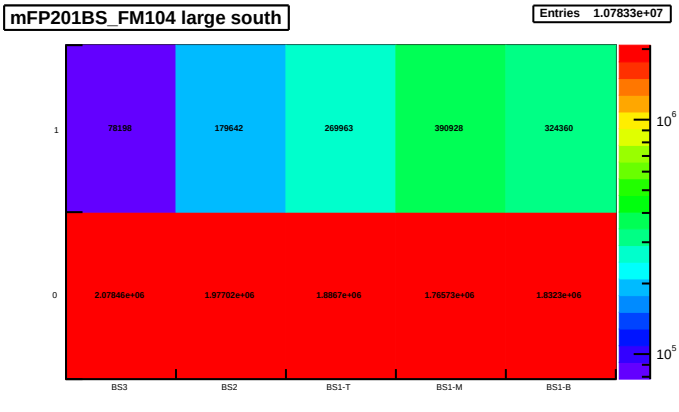
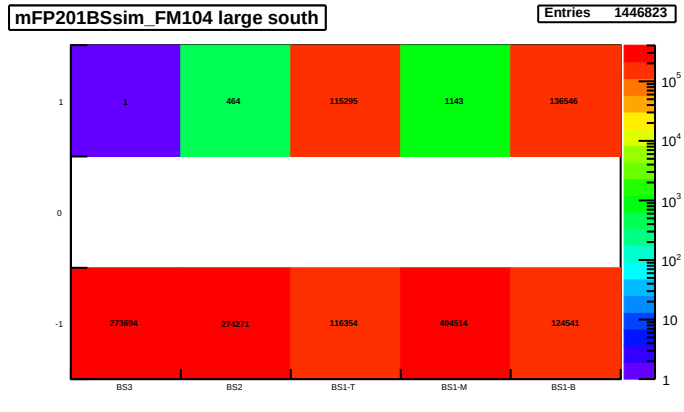
0
72869
111919
134464
104200
94965
2.08379e+06
2.04474e+06
2.0222e+06
2.05246e+06
2.0617e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

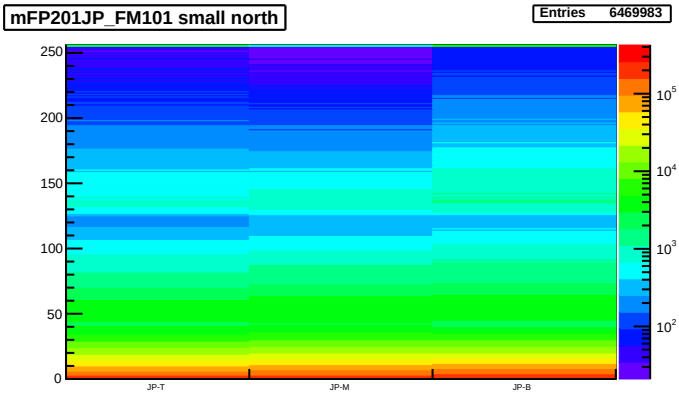

mFP201BSsim_FM102 small south
Entries 1251790
1
0
-1
85
412
405
284
253820
253592
235780
253717
253695
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

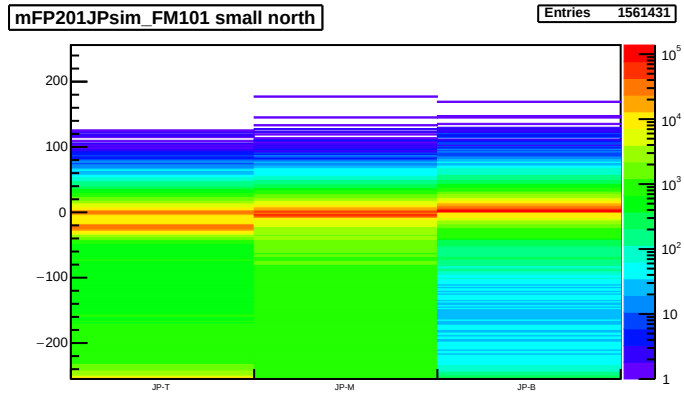

mFP201BS_FM103 large north
Entries 1.07833e+07
1
0
92645
205028
337520
382172
335042
2.06402e+06
1.95163e+06
1.81914e+06
1.77449e+06
1.82162e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

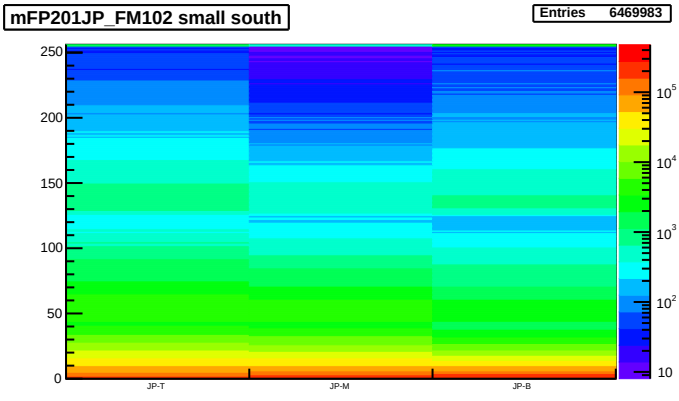

mFP201BSsim_FM103 large north
Entries 1517664
1
0
-1
1
499
148440
648
160557
284387
291573
76486
444234
110839
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

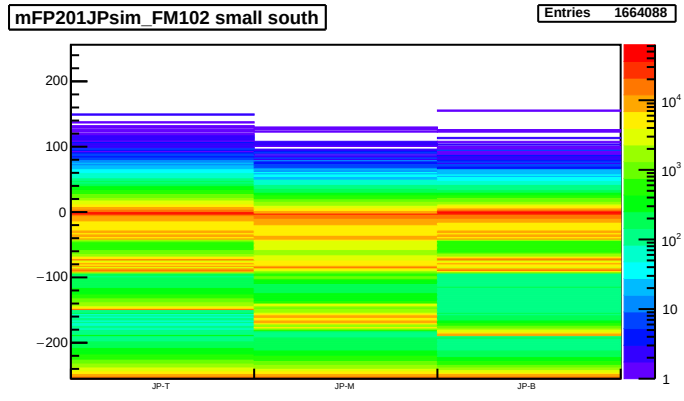

mFP201BS_FM104 large south
Entries 1.07833e+07
1
0
78198
179642
269963
390928
324360
2.07846e+06
1.97702e+06
1.8867e+06
1.76573e+06
1.8323e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

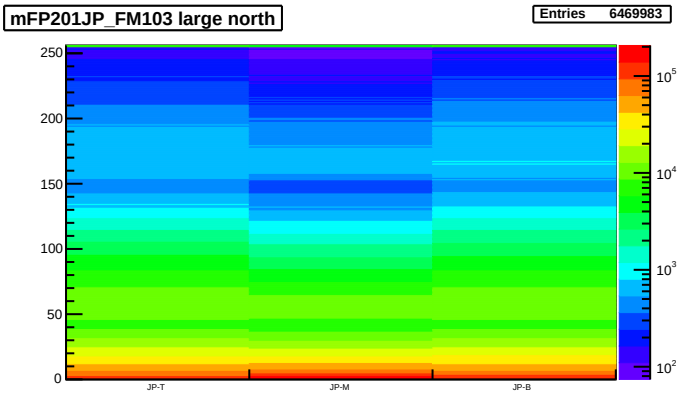

mFP201BSsim_FM104 large south
Entries 1446823
1
0
-1
1
464
115295
1143
136546
273694
274271
116354
404514
124541
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

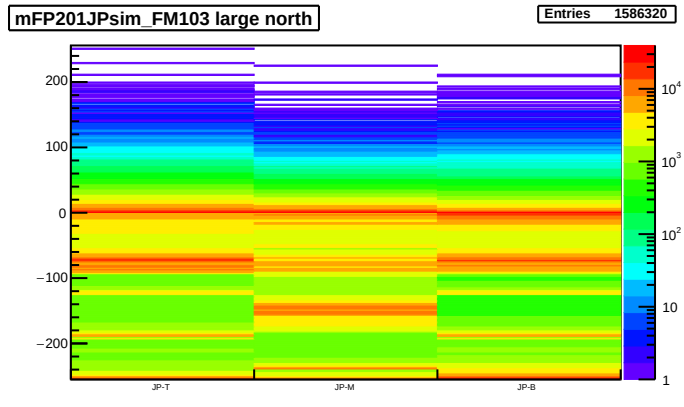

mFP201JP_FM101 small north
Entries 6469983
JP-T
JP-M
JP-B

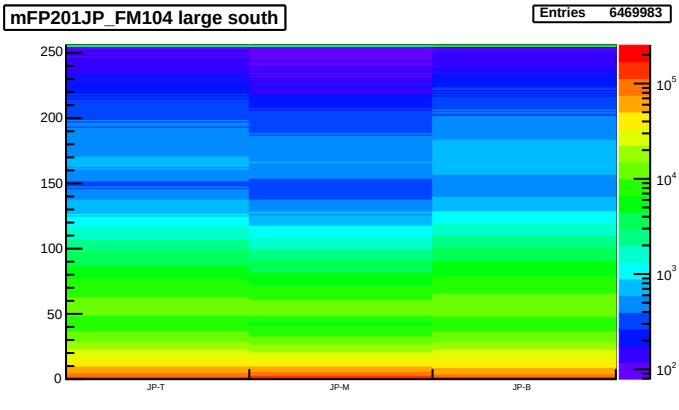

mFP201JPsim_FM101 small north
Entries 1561431
JP-T
JP-M
JP-B

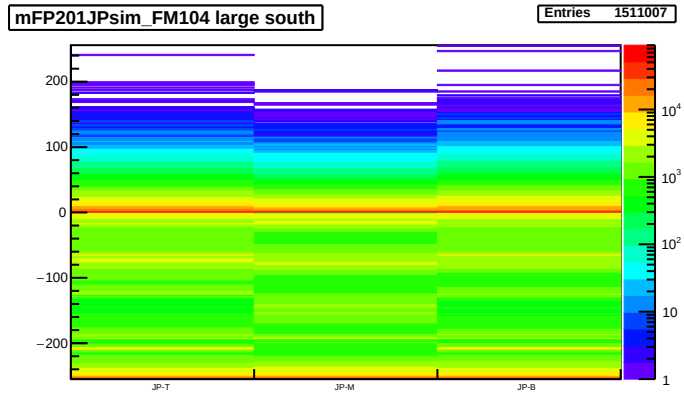

mFP201JP_FM102 small south
Entries 6469983
JP-T
JP-M
JP-B

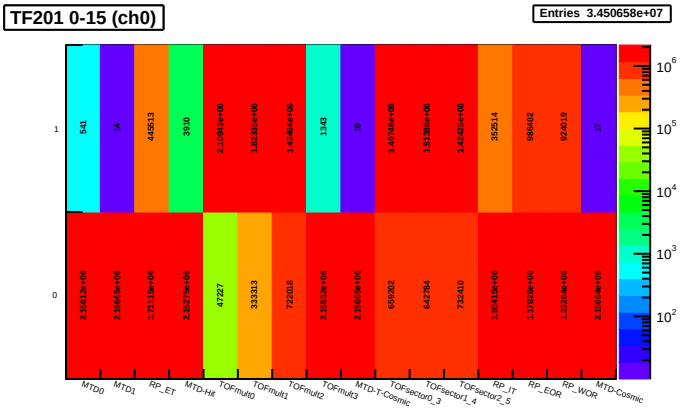

mFP201JPsim_FM102 small south
Entries 1664088
JP-T
JP-M
JP-B

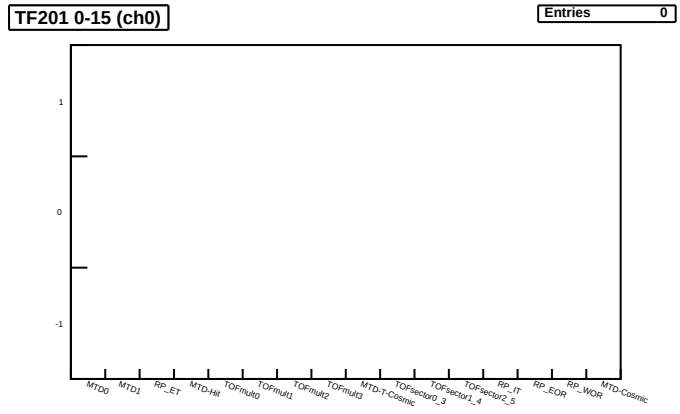

mFP201JP_FM103 large north
Entries 6469983
JP-T
JP-M
JP-B

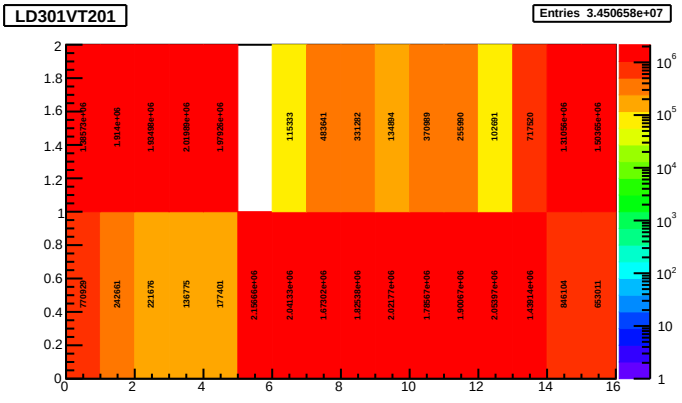

mFP201JPsim_FM103 large north
Entries 1586320
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 6469983
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 1511007
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 3.450658e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic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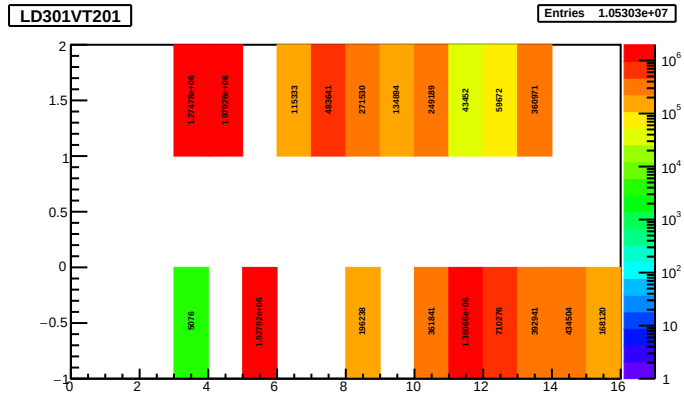
Entries 3.450658e+07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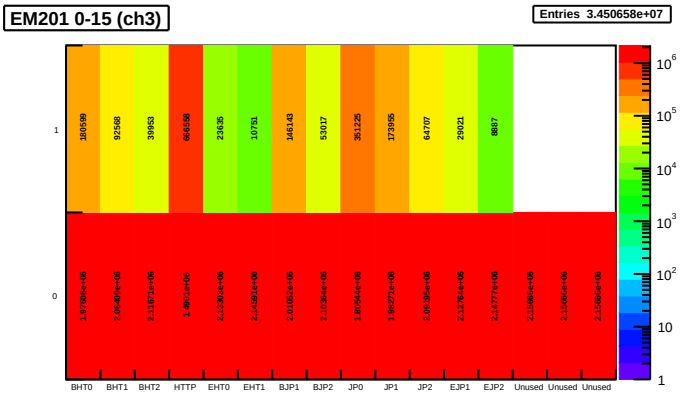
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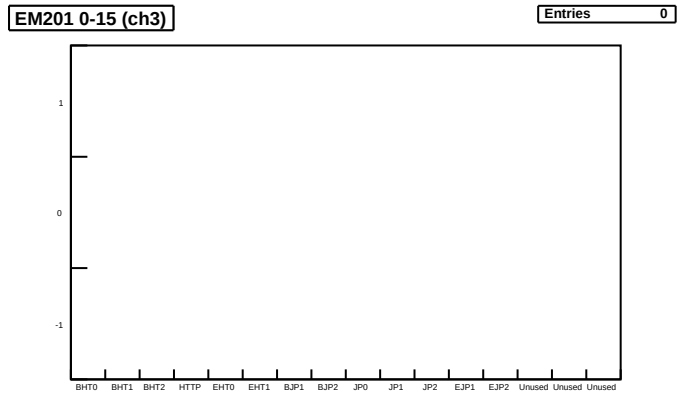
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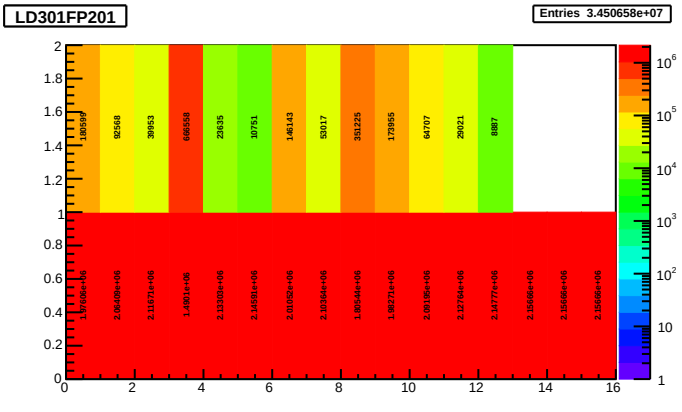
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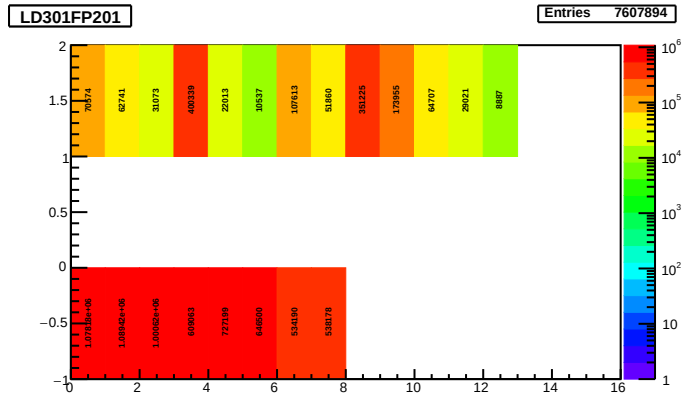
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