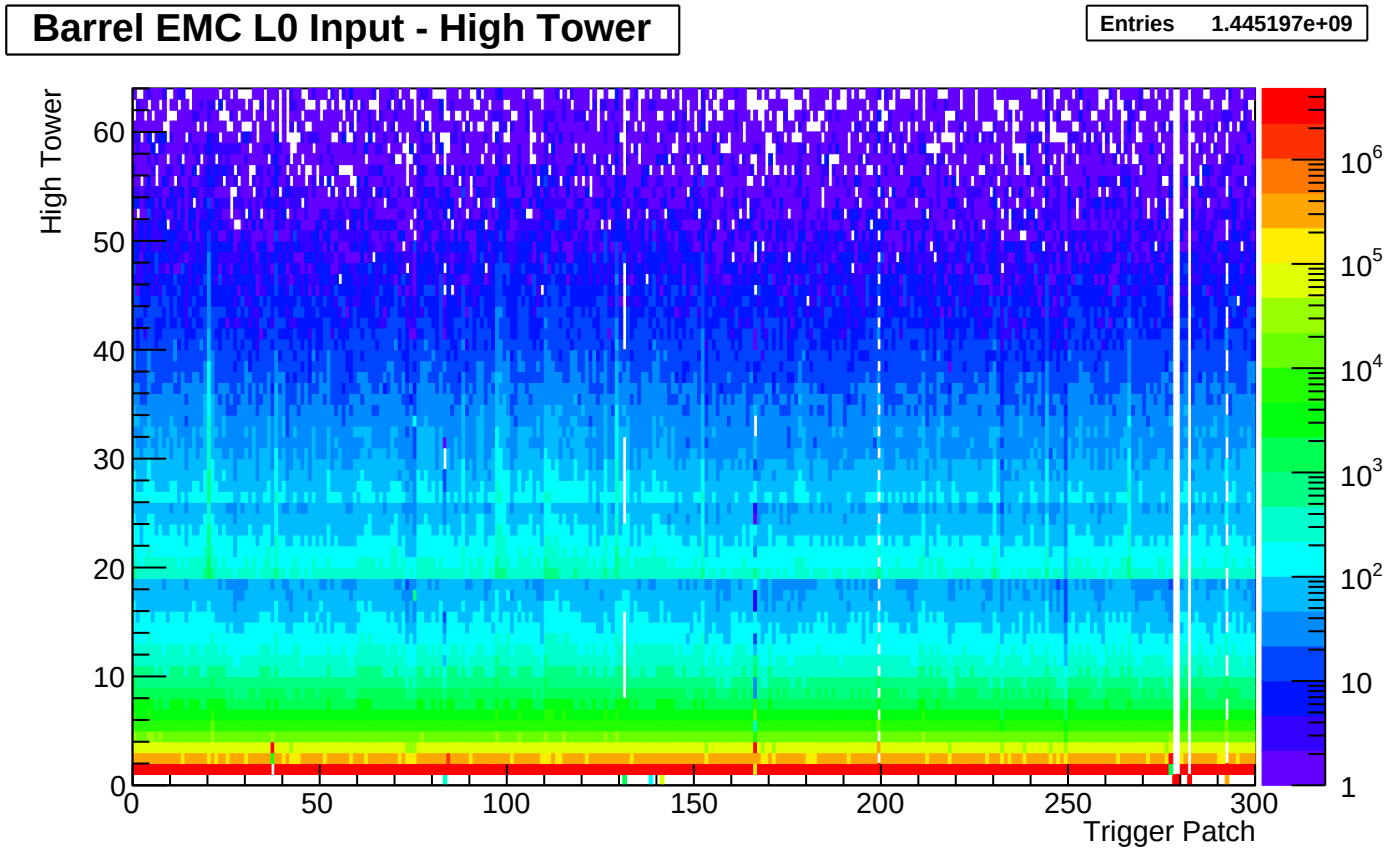
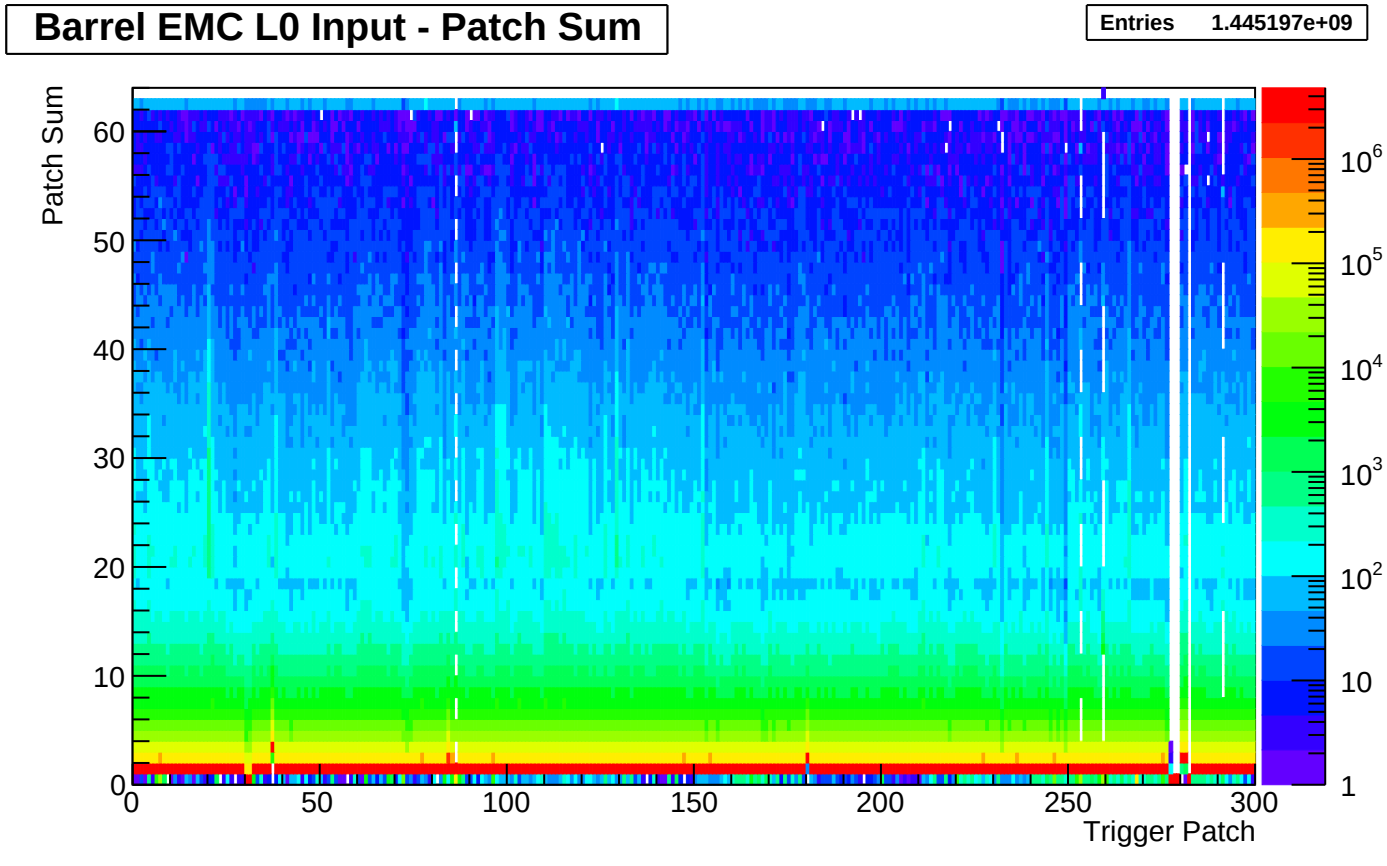
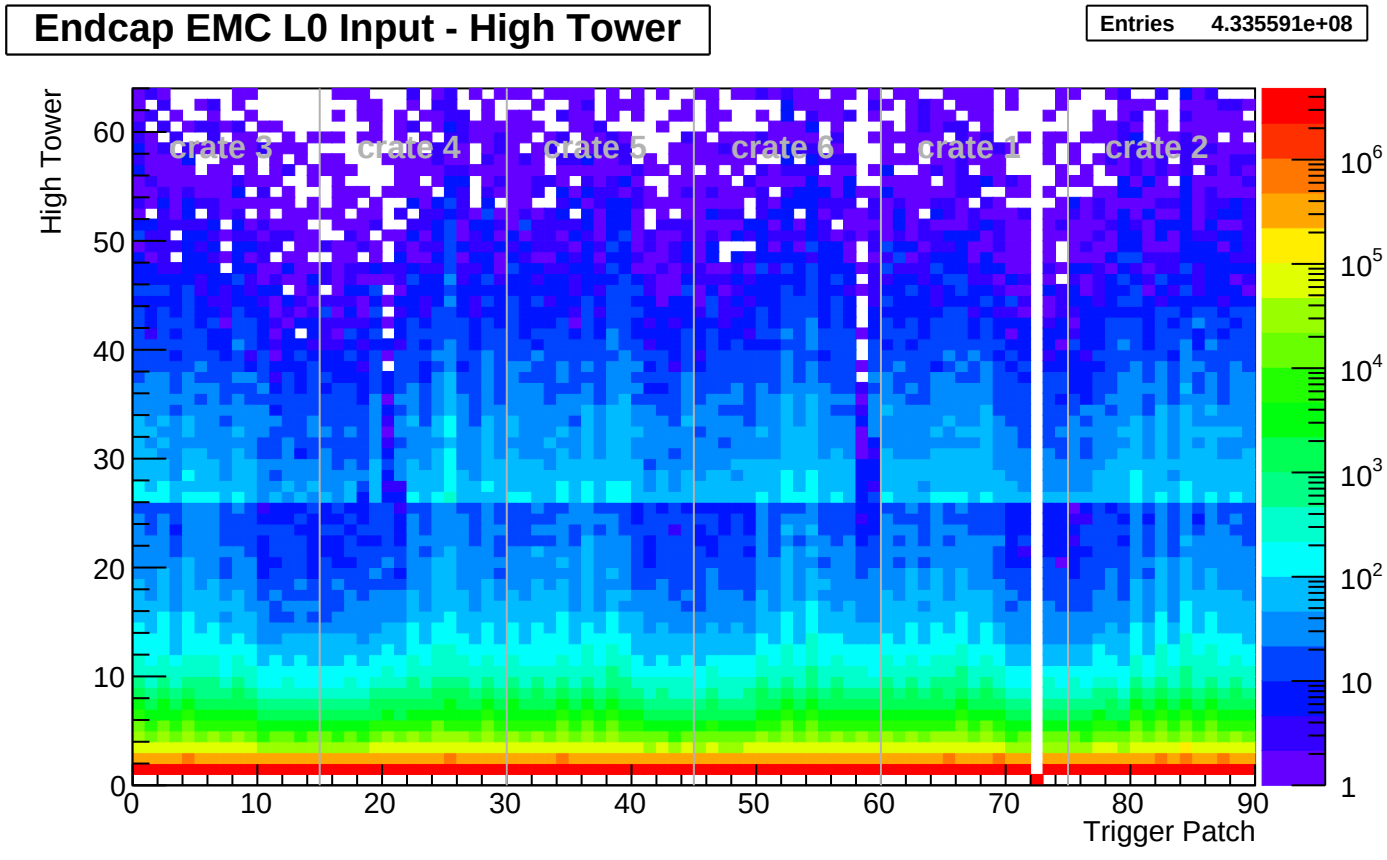
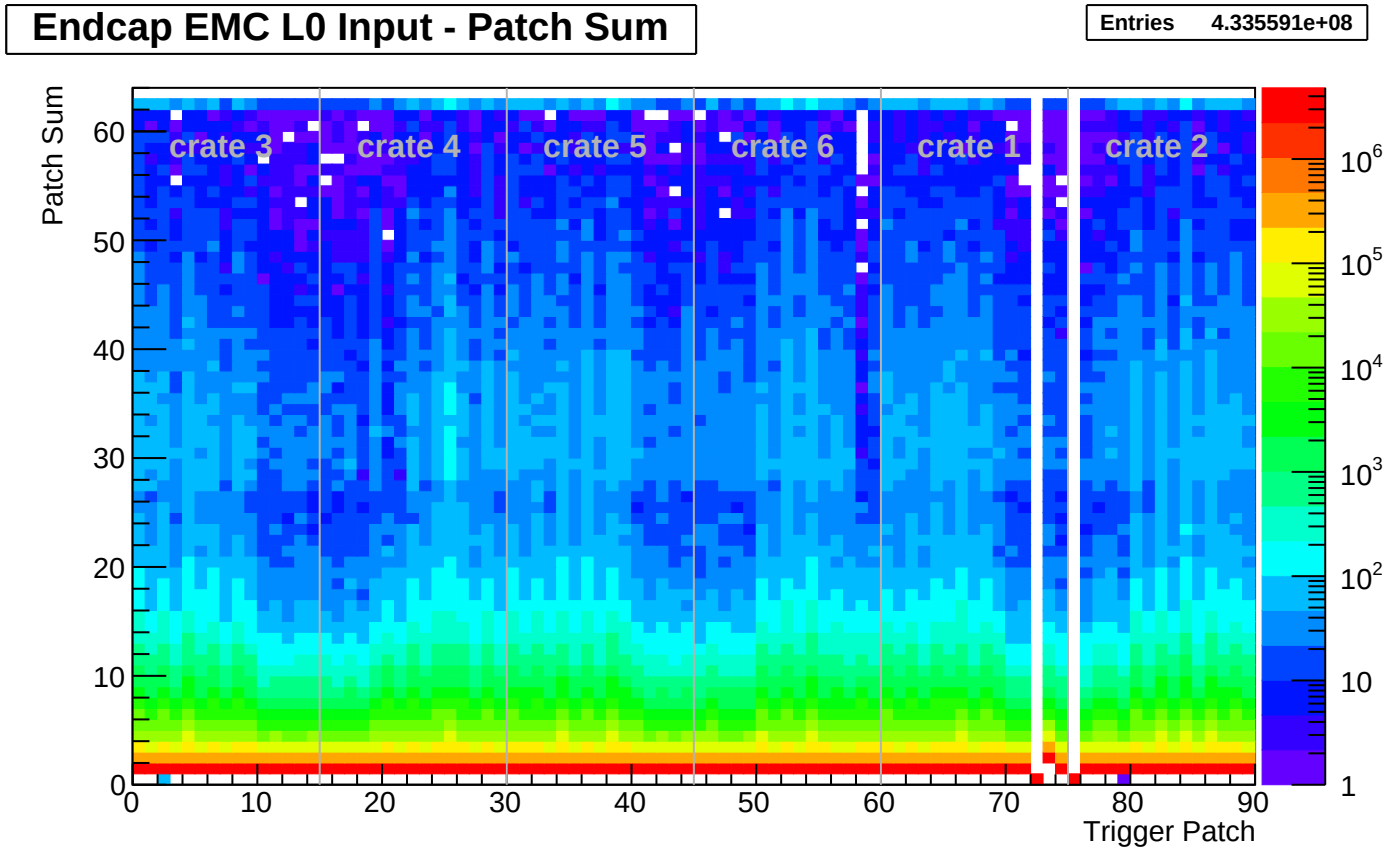
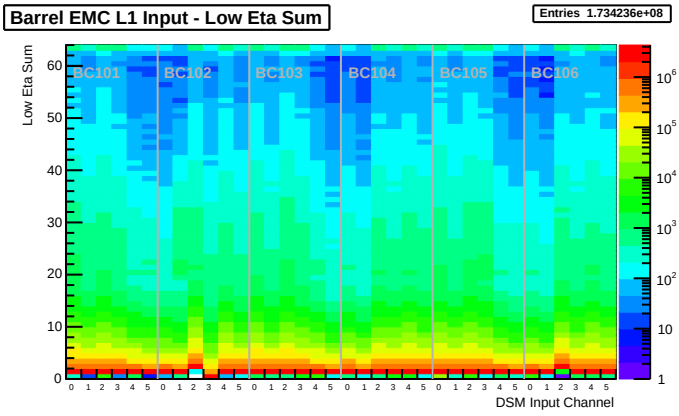
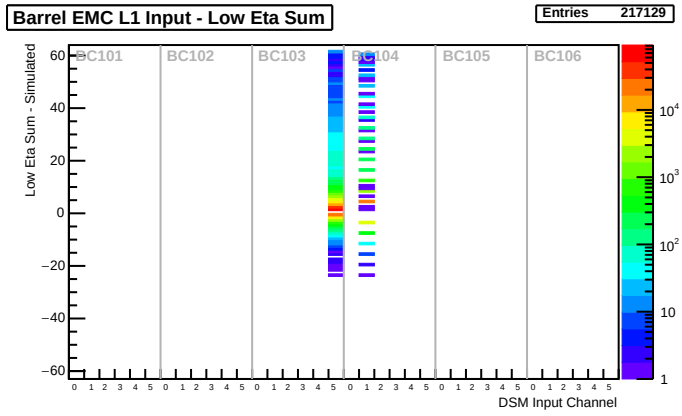

Barrel EMC L0 Input - High Tower
Entries 1.445197e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

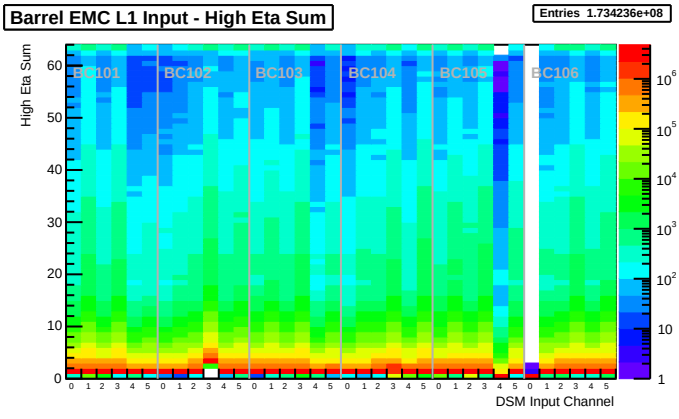

Barrel EMC L0 Input - Patch Sum
Entries 1.445197e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

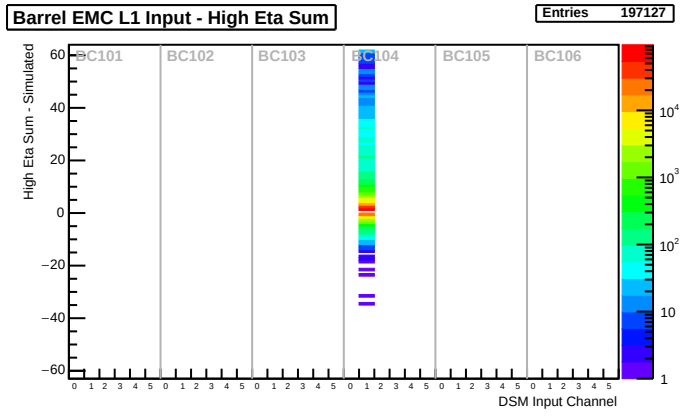

Endcap EMC L0 Input - High Tower
Entries 4.335591e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

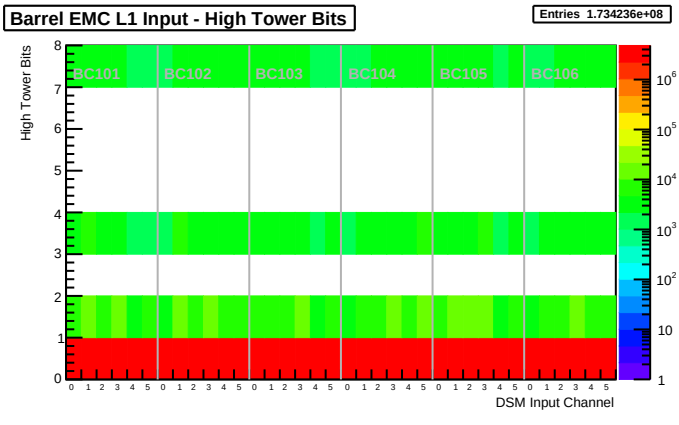

Endcap EMC L0 Input - Patch Sum
Entries 4.335591e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

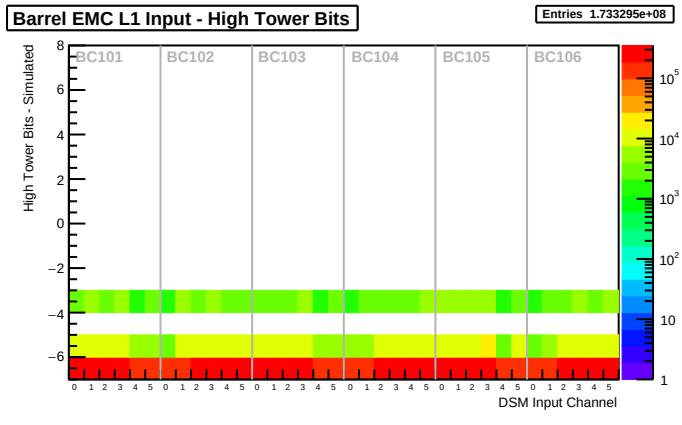

Barrel EMC L1 Input - Low Eta Sum
Entries 1.734236e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

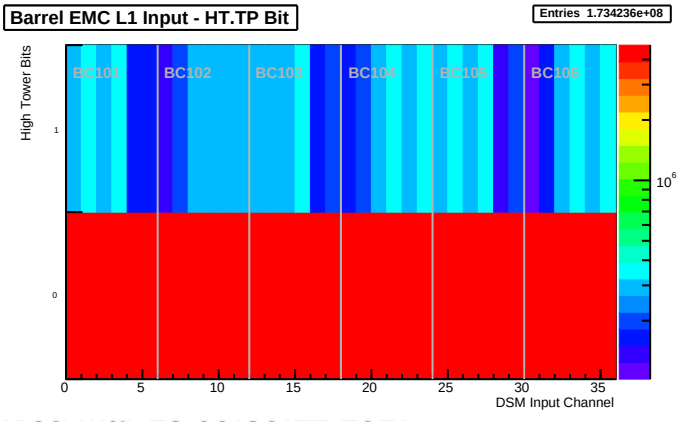

Barrel EMC L1 Input - Low Eta Sum
Entries 217129
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

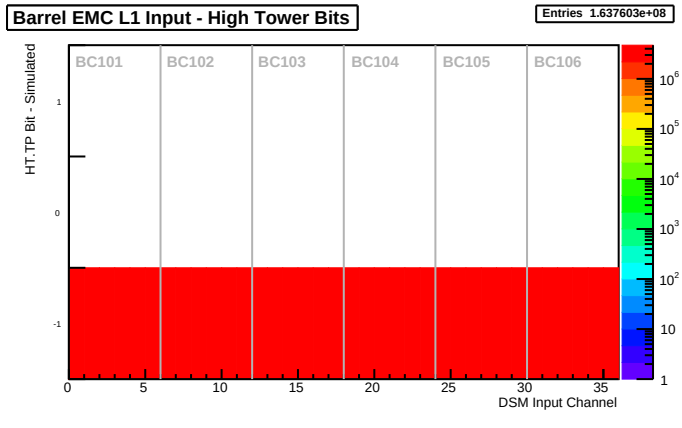

Barrel EMC L1 Input - High Eta Sum
Entries 1.734236e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

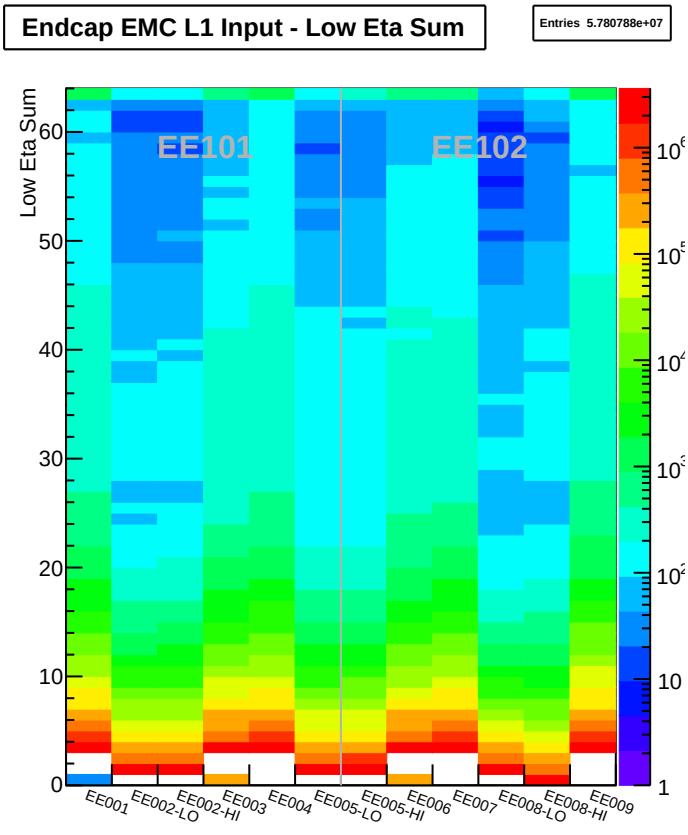

Barrel EMC L1 Input - High Eta Sum
Entries 197127
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

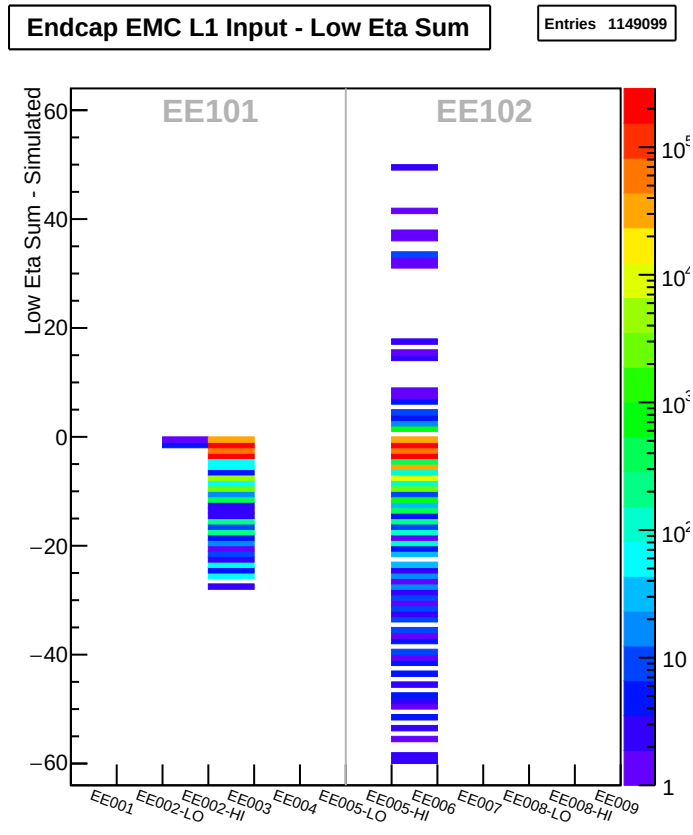

Barrel EMC L1 Input - High Tower Bits
Entries 1.734236e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

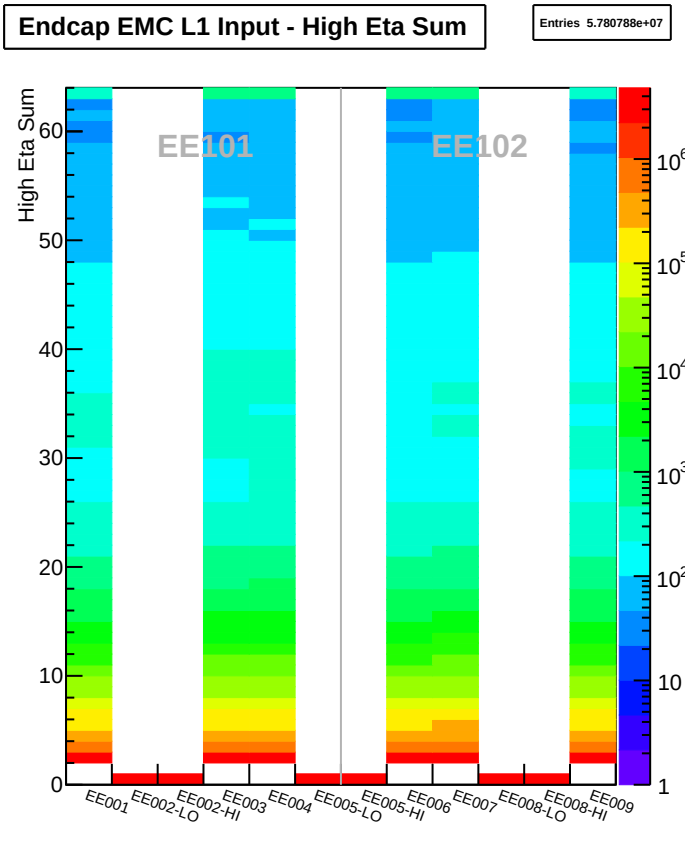

Barrel EMC L1 Input - High Tower Bits
Entries 1.733295e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

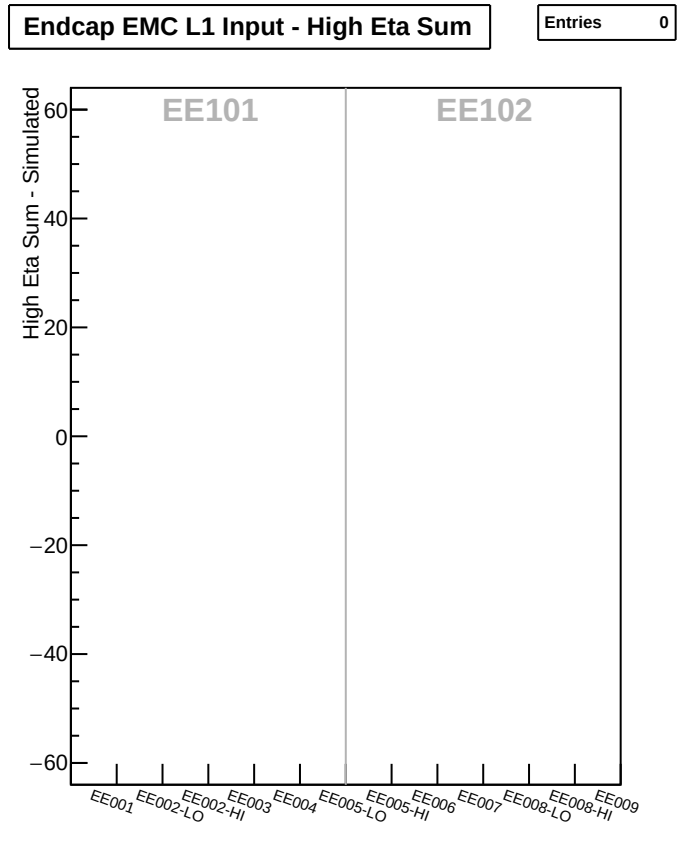

Barrel EMC L1 Input - HT.TP Bit
Entries 1.734236e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

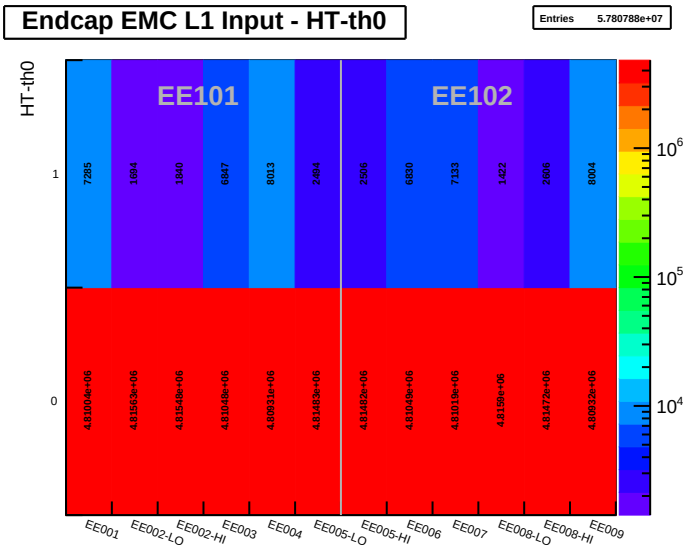

Barrel EMC L1 Input - High Tower Bits
Entries 1.637603e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

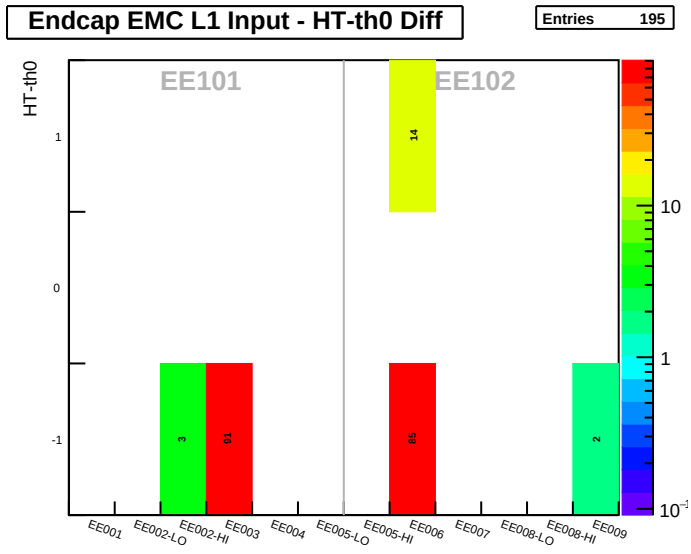

Endcap EMC L1 Input - Low Eta Sum
Entries 5.780788e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

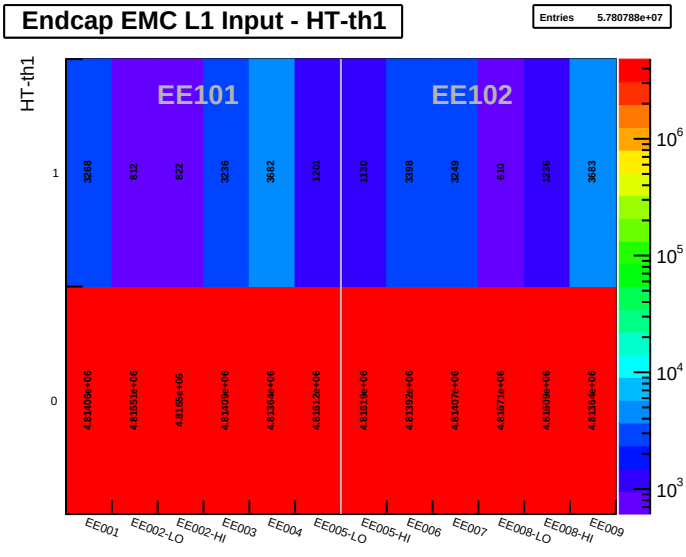

Endcap EMC L1 Input - Low Eta Sum
Entries 1149099
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

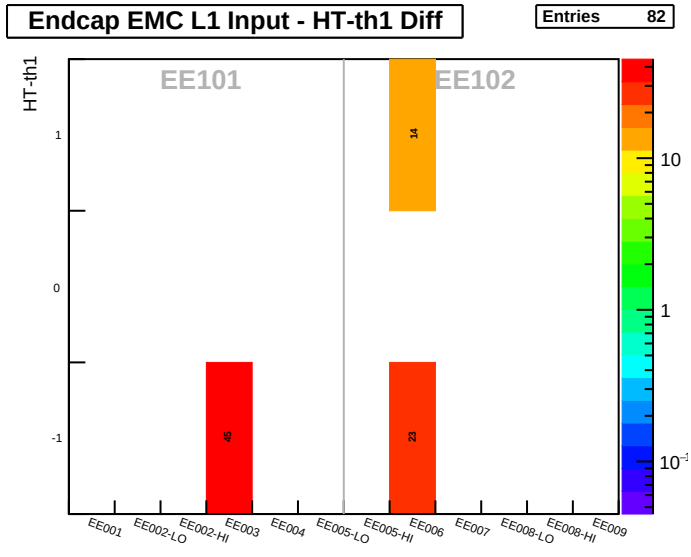

Endcap EMC L1 Input - High Eta Sum
Entries 5.780788e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

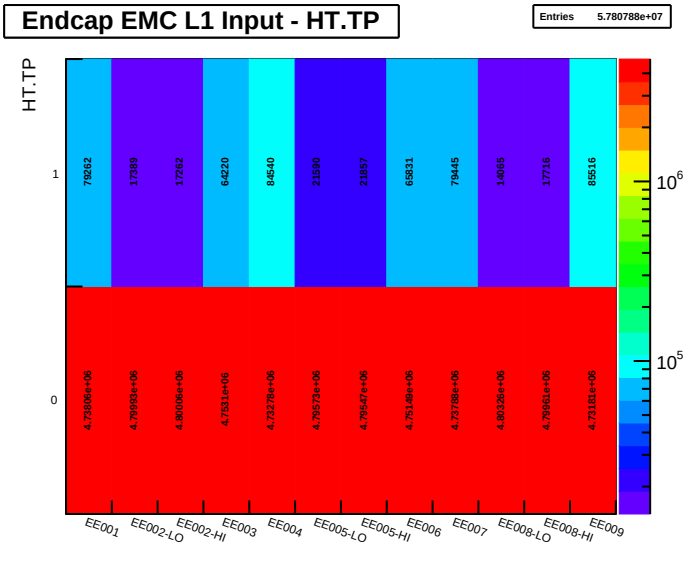

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

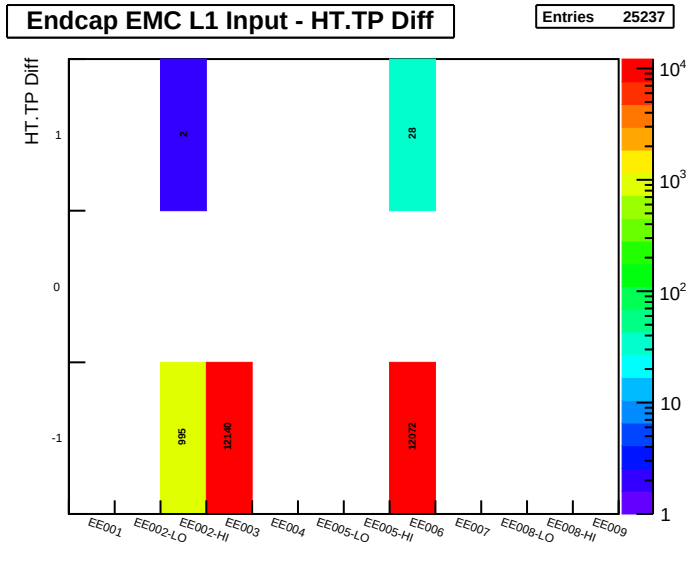

Endcap EMC L1 Input - HT-th0
Entries 5.780788e+07
HT-th0
EE101
EE102
7285 1694 1840 6847 8013 2494 2506 6830 7133 1422 2606 8004
4.81004e+06 4.81563e+06 4.81548e+06 4.81049e+06 4.80931e+06 4.81483e+06 4.81482e+06 4.81049e+06 4.81019e+06 4.8159e+06 4.81472e+06 4.80932e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

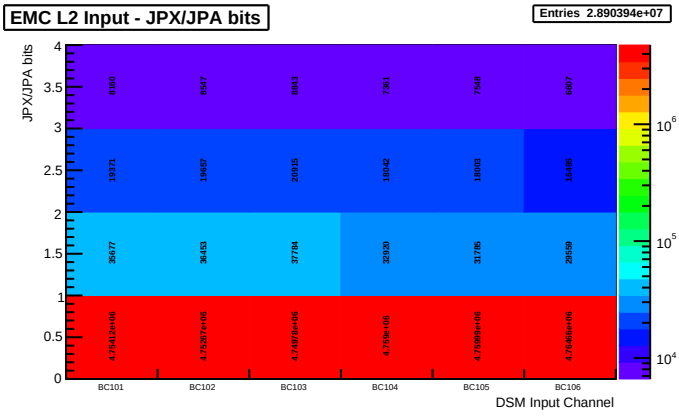

Endcap EMC L1 Input - HT-th0 Diff
Entries 195
HT-th0
EE101
EE102
14
3 91 85 2
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

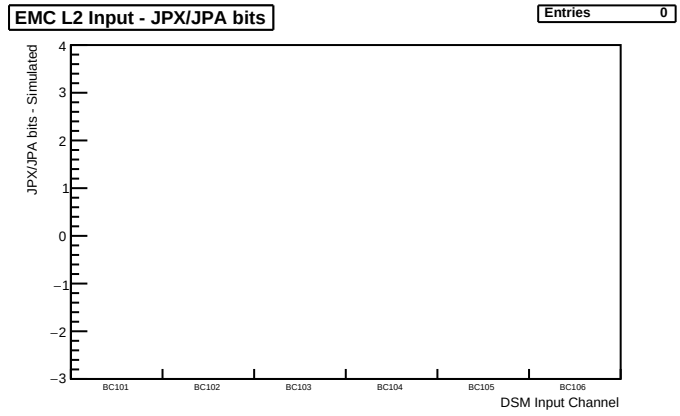

Endcap EMC L1 Input - HT-th1
Entries 5.780788e+07
HT-th1
EE101
EE102
3268 812 822 3236 3682 1201 1130 3398 3249 610 1236 3683
4.81406e+06 4.81651e+06 4.81665e+06 4.81409e+06 4.81364e+06 4.81612e+06 4.81619e+06 4.81392e+06 4.81407e+06 4.81671e+06 4.81609e+06 4.81364e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

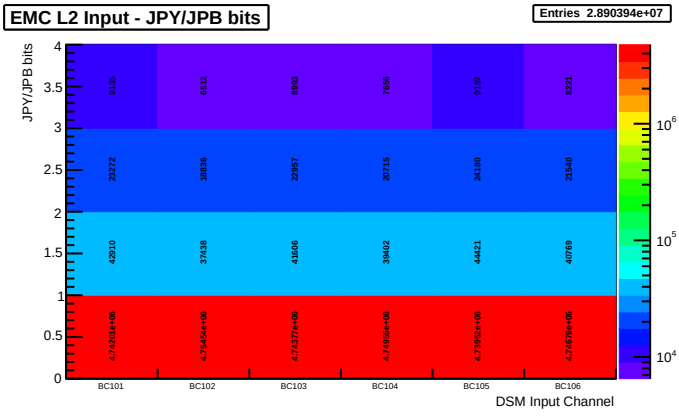

Endcap EMC L1 Input - HT-th1 Diff
Entries 82
HT-th1
EE101
EE102
14
45 23
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

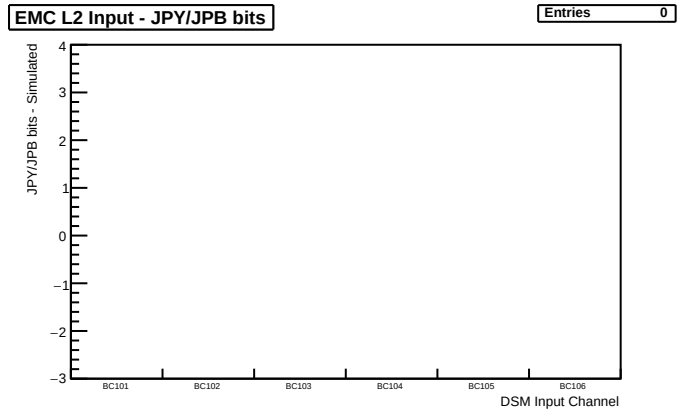

Endcap EMC L1 Input - HT.TP
Entries 5.780788e+07
HT.TP
79262 17389 17262 64220 84540 21590 23857 65831 79445 14065 17716 85516
4.73806e+06 4.79993e+06 4.80006e+06 4.7531e+06 4.73278e+06 4.79572e+06 4.79547e+06 4.75148e+06 4.73788e+06 4.80326e+06 4.73961e+06 4.73181e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

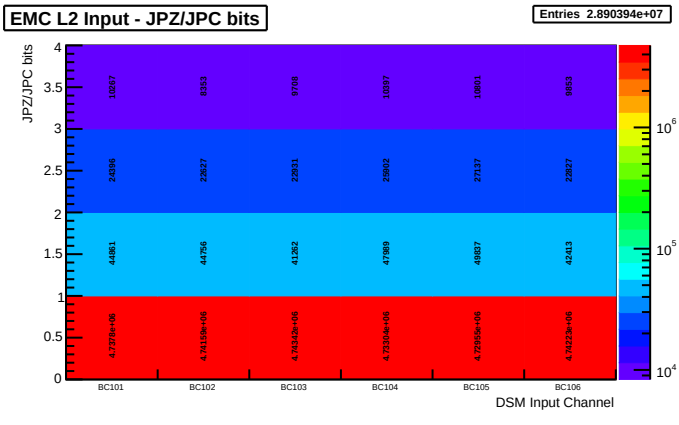

Endcap EMC L1 Input - HT.TP Diff
Entries 25237
HT.TP Diff
2 28
995 12140 12072
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

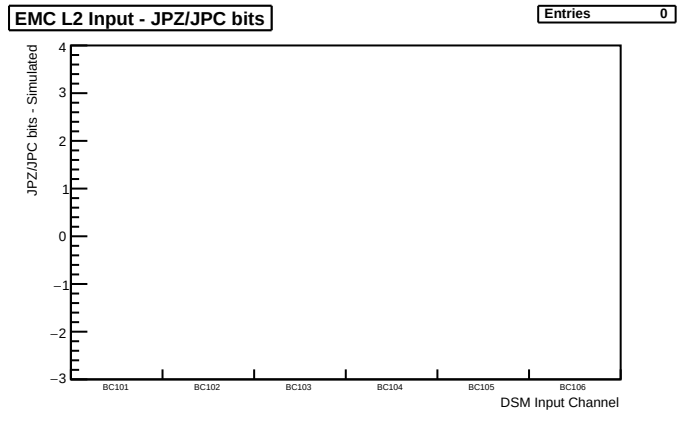

EMC L2 Input - JPX/JPA bits
Entries 2.890394e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8100
8547
8843
7361
7548
6607
19371
19657
20915
19042
18003
16405
35677
36453
37784
32520
31785
29559
4.75412e+06
4.75287e+06
4.74978e+06
4.759e+06
4.75993e+06
4.75465e+06

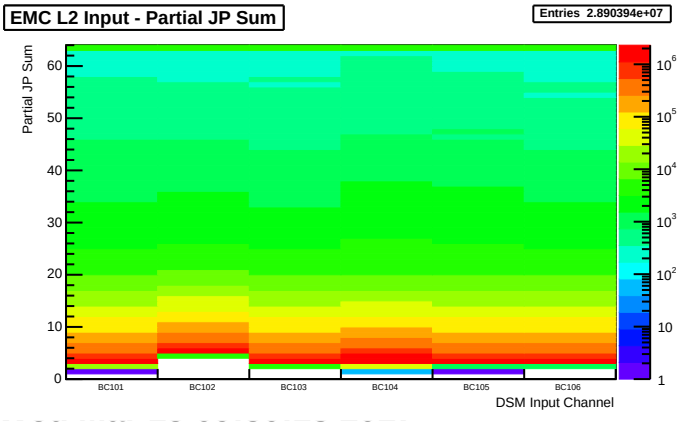

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

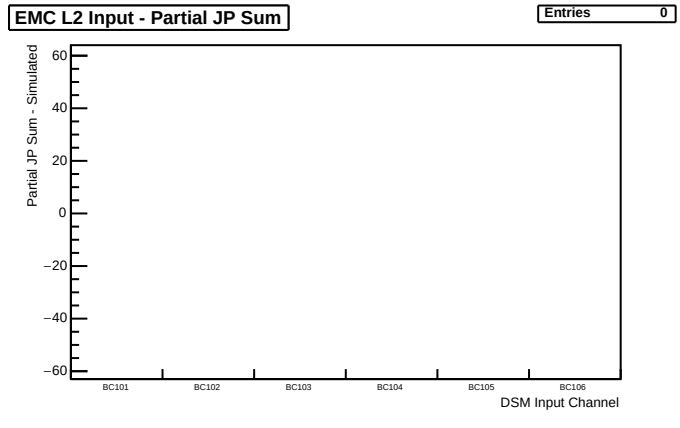

EMC L2 Input - JPY/JPB bits
Entries 2.890394e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9135
6512
8993
7656
9197
8221
22272
18836
22957
20715
24180
21540
42910
37438
41606
39402
44421
40769
4.74201e+06
4.75454e+06
4.74377e+06
4.74395e+06
4.73952e+06
4.74679e+06

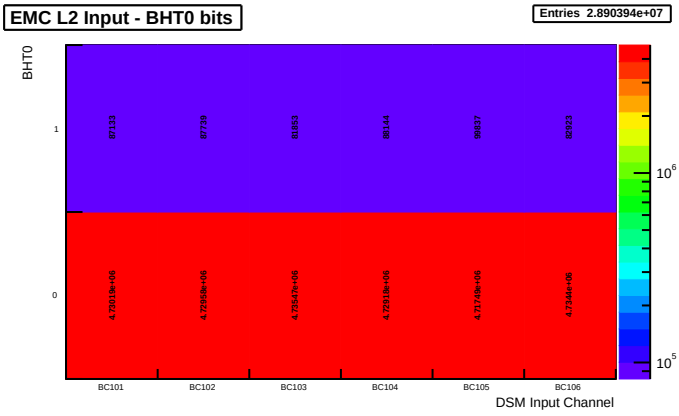

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

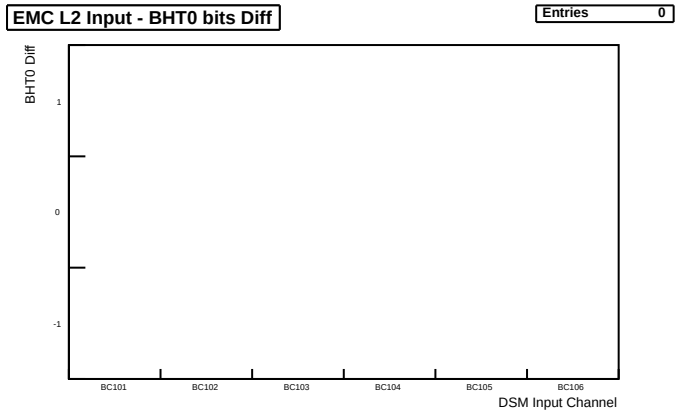

EMC L2 Input - JPZ/JPC bits
Entries 2.890394e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10537
8353
9708
10397
10801
9853
24596
22827
22931
23902
27137
22827
44861
44756
41262
47989
49837
42413
4.7376e+06
4.74159e+06
4.74342e+06
4.73304e+06
4.72955e+06
4.74223e+06

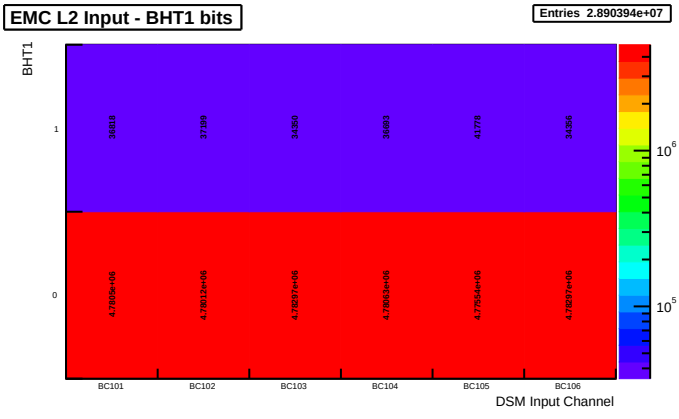

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

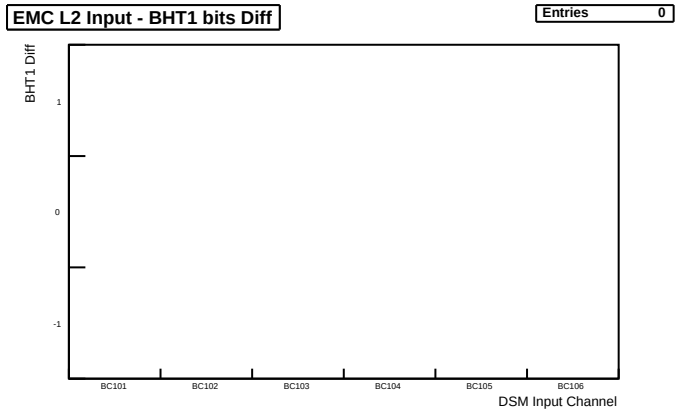

EMC L2 Input - Partial JP Sum
Entries 2.890394e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

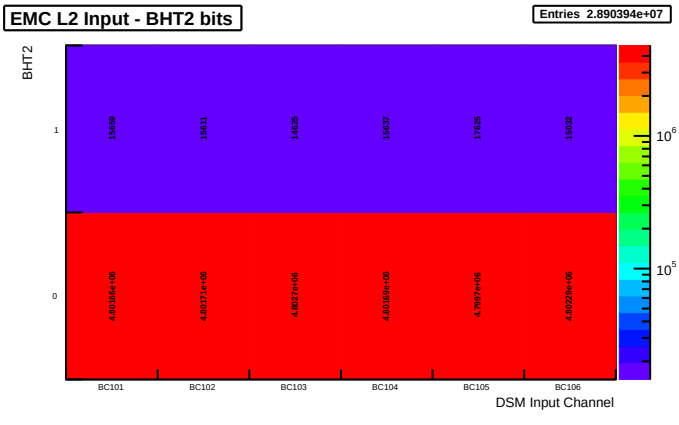

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

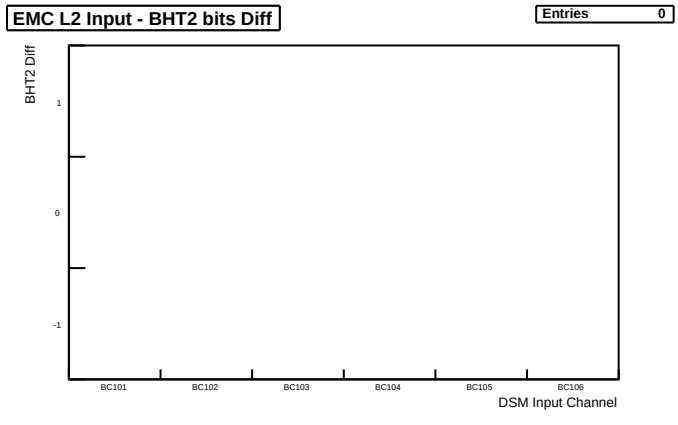

EMC L2 Input - BHT0 bits
Entries 2.890394e+07
BHT0
1
0
97133
97739
91853
88144
99837
92923
4.72019e+06
4.72959e+06
4.73547e+06
4.72918e+06
4.71749e+06
4.7346e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

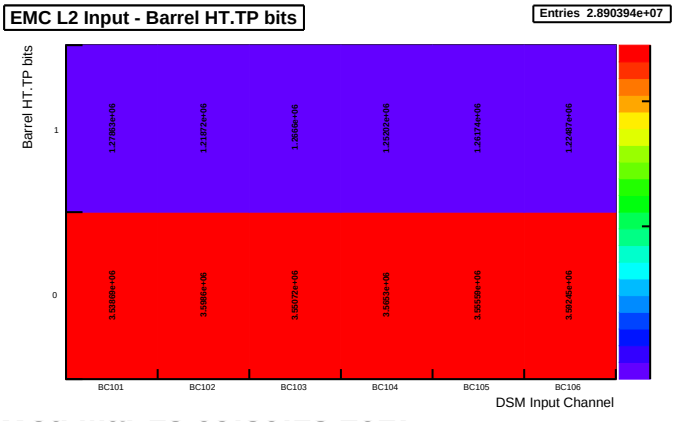

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

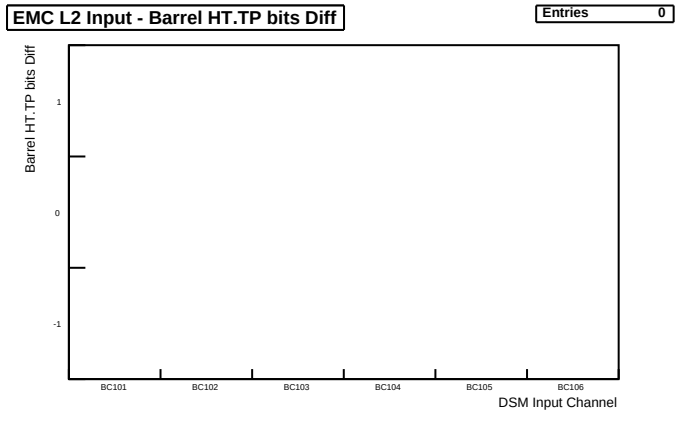

EMC L2 Input - BHT1 bits
Entries 2.890394e+07
BHT1
1
0
36818
37199
34850
36693
41778
34356
4.77696e+06
4.78012e+06
4.78397e+06
4.78063e+06
4.77954e+06
4.78207e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

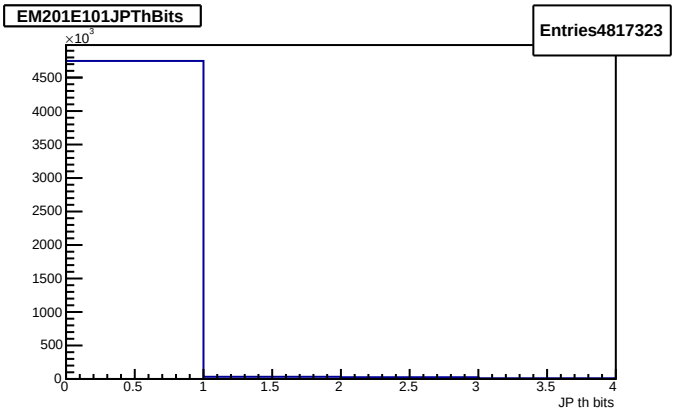

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

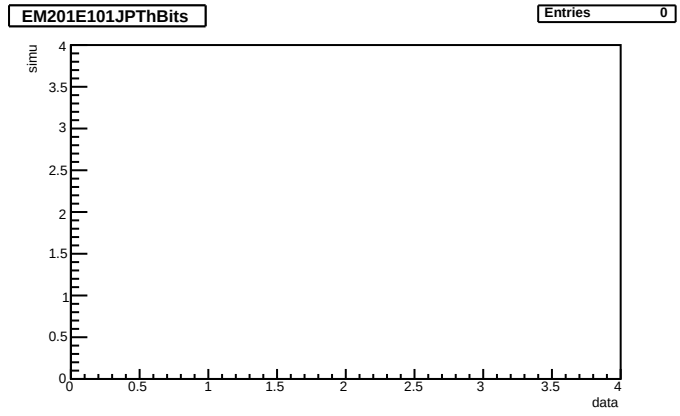

EMC L2 Input - BHT2 bits
Entries 2.890394e+07
BHT2
1
0
15539
15511
14625
15537
17625
15032
4.80165e+06
4.80171e+06
4.8027e+06
4.80169e+06
4.7997e+06
4.80228e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

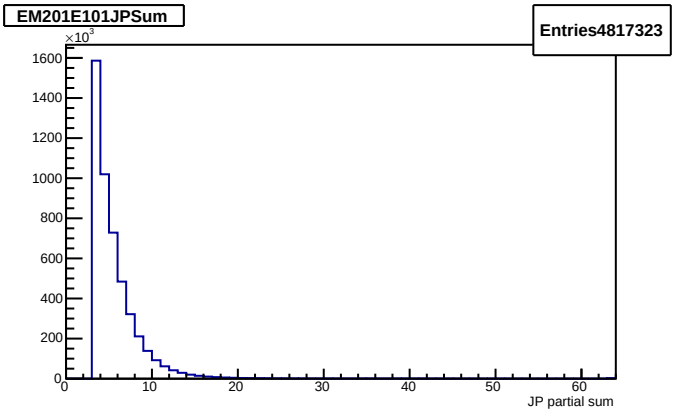

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

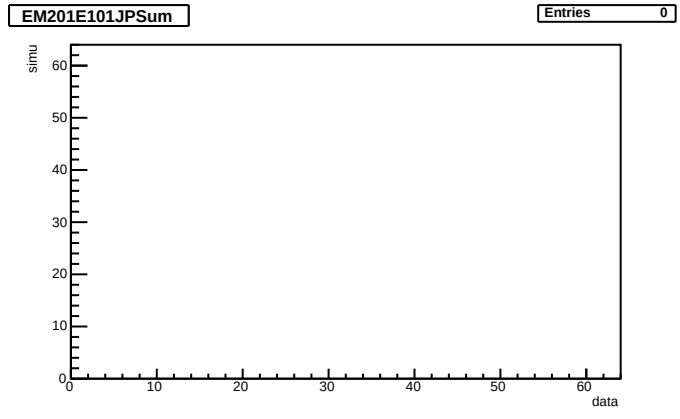

EMC L2 Input - Barrel HT.TP bits
Entries 2.890394e+07
Barrel HT.TP bits
1
0
1.27463e+06
1.21972e+06
1.2686e+06
1.25232e+06
1.26174e+06
1.22487e+06
3.53389e+06
3.5906e+06
3.55072e+06
3.5653e+06
3.55559e+06
3.59245e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

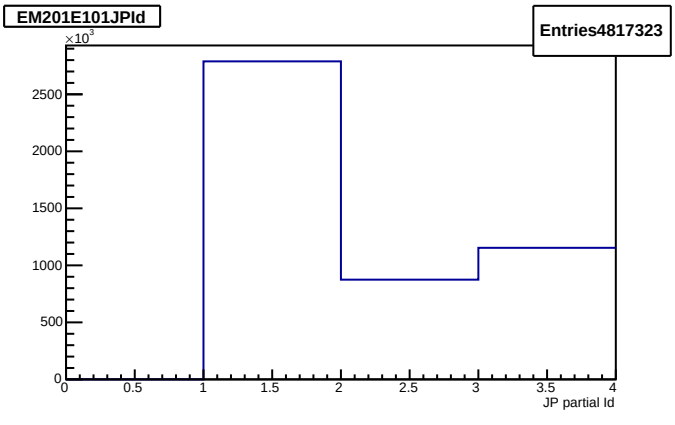

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

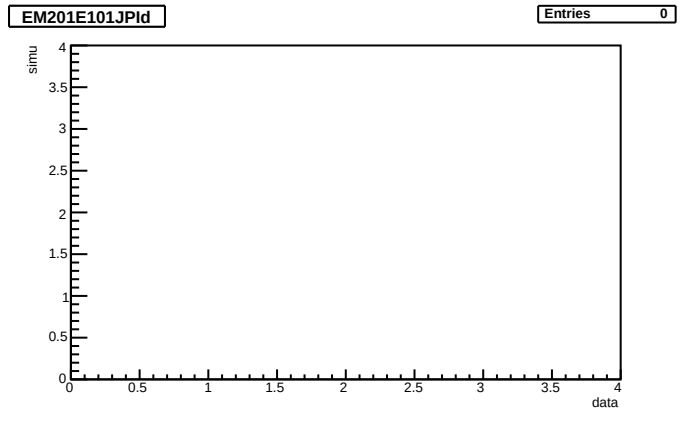

EM201E101JPThBits
Entries4817323
×10^3
JP th bits

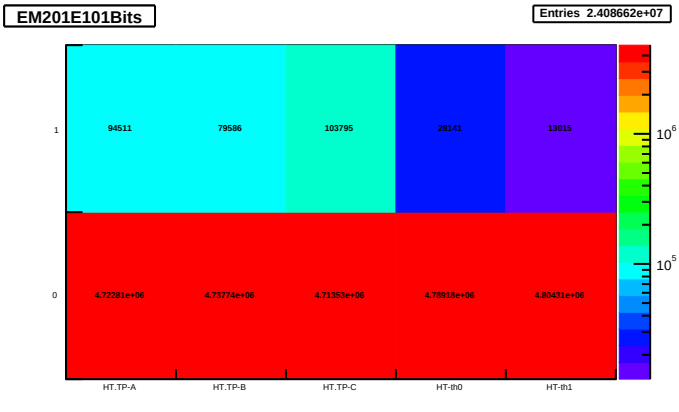

EM201E101JPThBits
Entries 0
simu
data

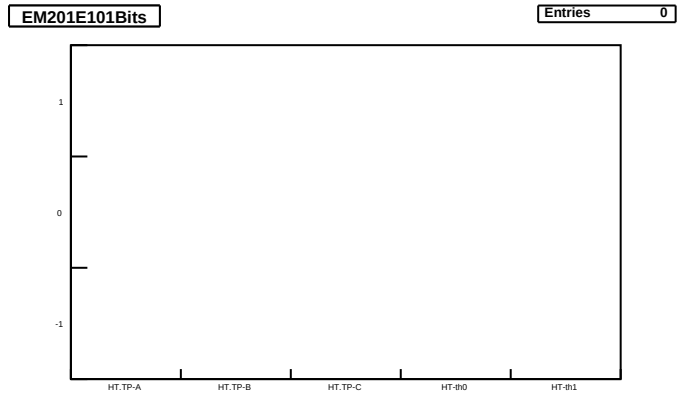

EM201E101JPSum
Entries4817323
×10^3
JP partial sum

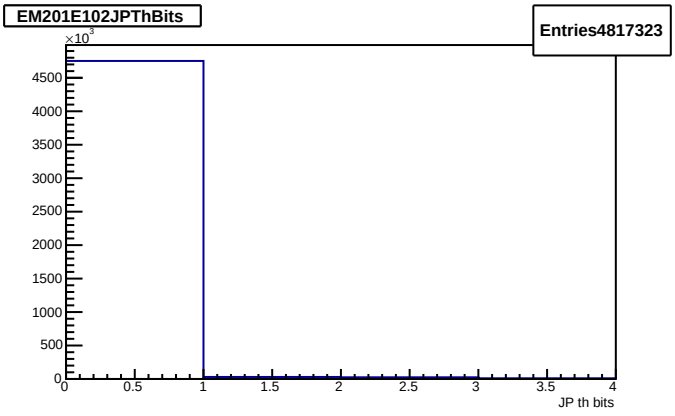

EM201E101JPSum
Entries 0
simu
data

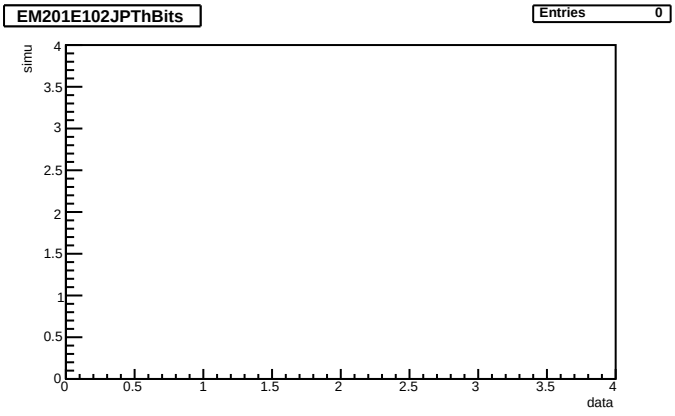

EM201E101JPId
Entries4817323
×10^3
JP partial Id

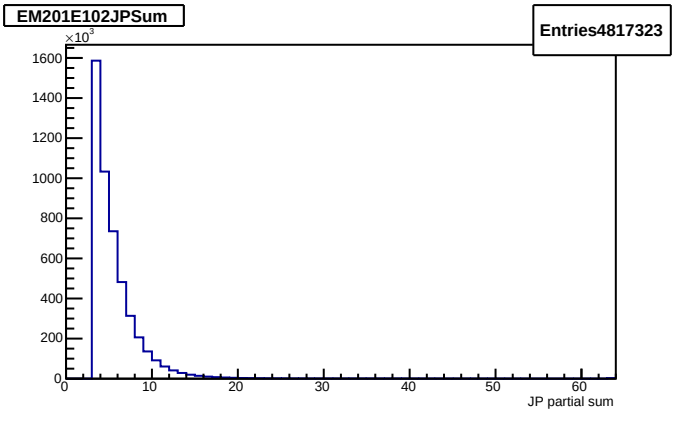

EM201E101JPId
Entries 0
simu
data

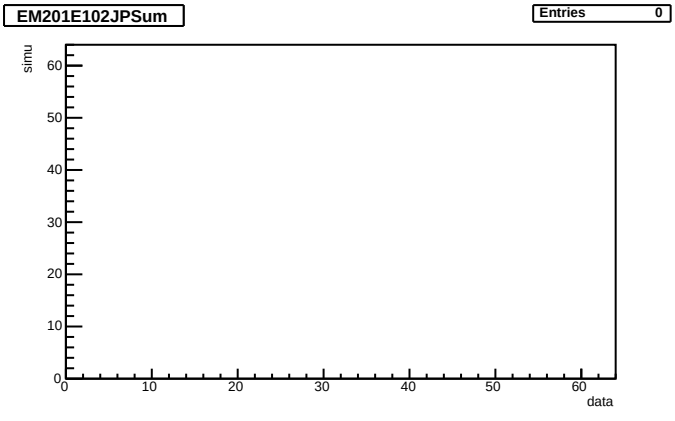

EM201E101Bits
Entries 2.408662e+07
94511
79586
103795
28141
13015
4.72281e+06
4.73774e+06
4.71353e+06
4.78918e+06
4.80431e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

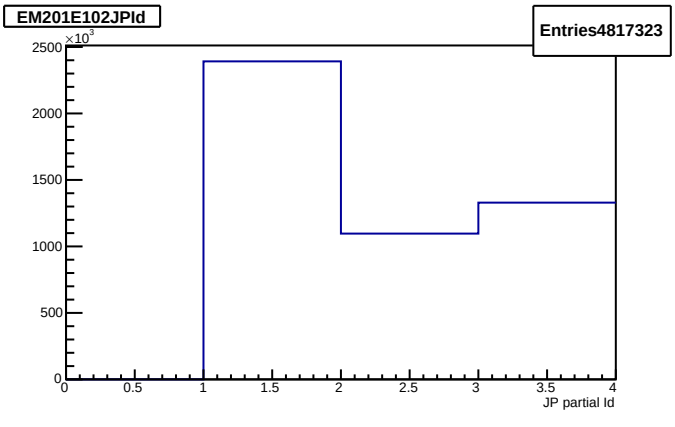

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

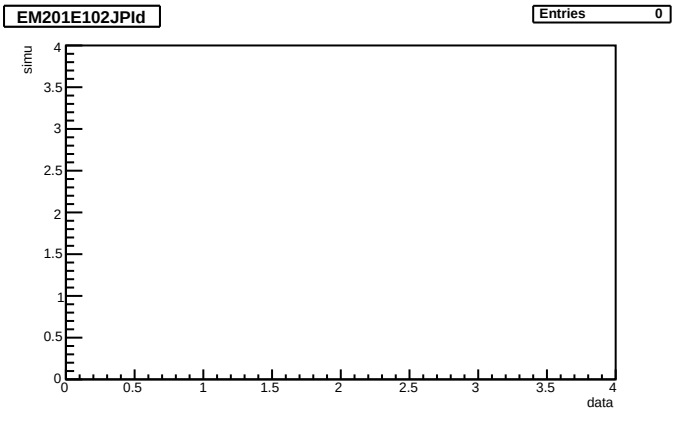

EM201E102JPThBits
Entries4817323
×10^3
JP th bits

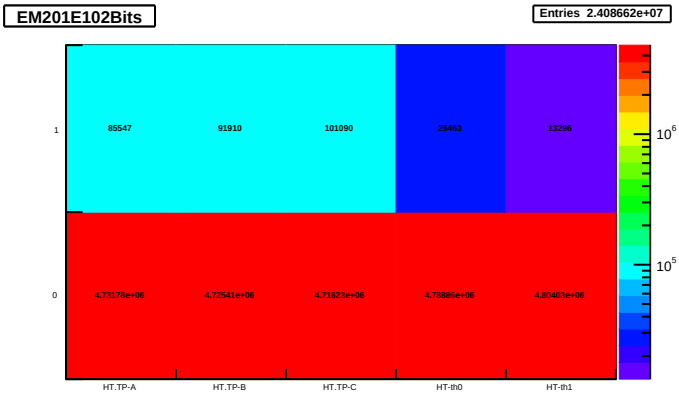

EM201E102JPThBits
Entries 0
simu
data

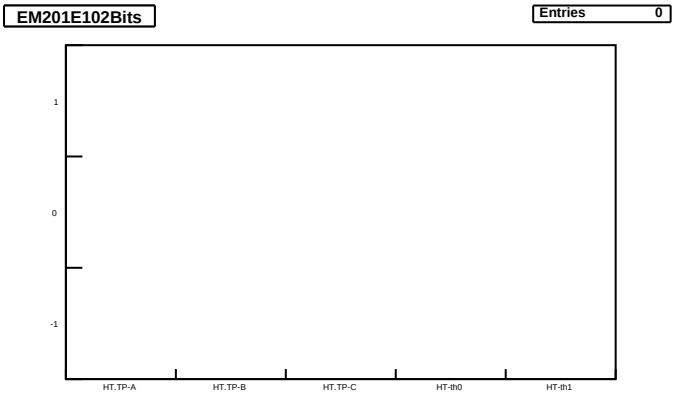

EM201E102JPSum
Entries4817323
×10^3
JP partial sum

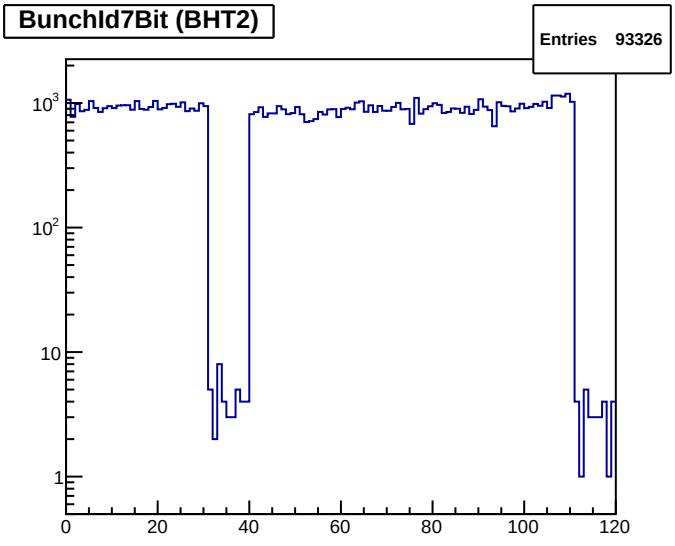

EM201E102JPSum
Entries 0
simu
data

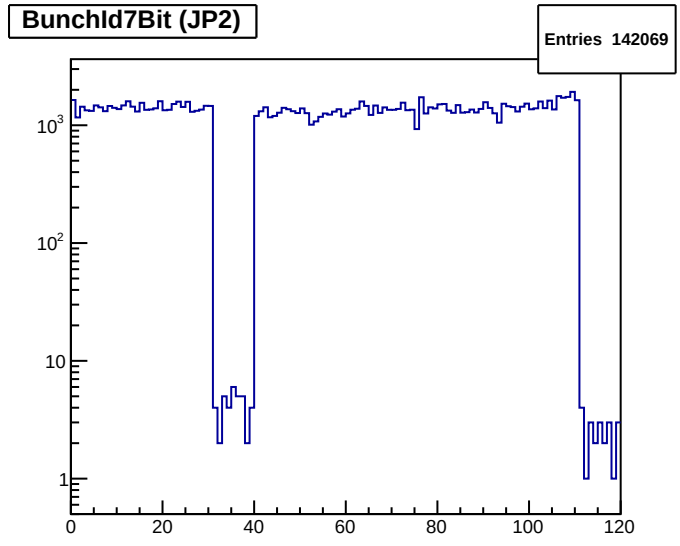

EM201E102JPId
Entries4817323
×10^3
JP partial Id

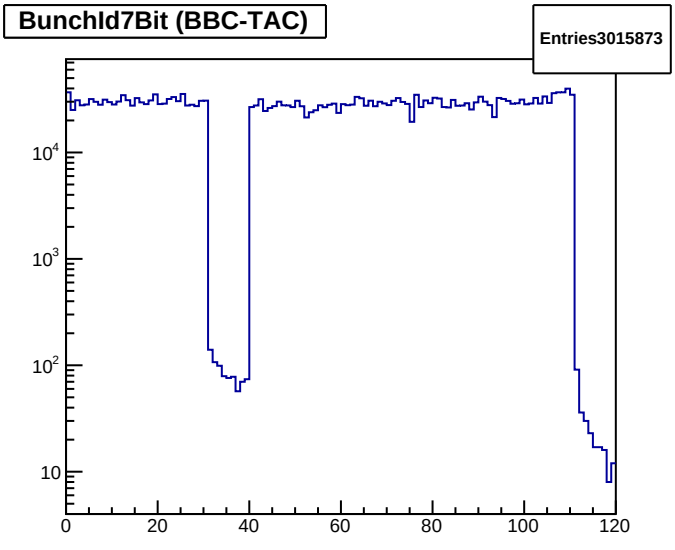

EM201E102JPId
Entries 0
simu
data

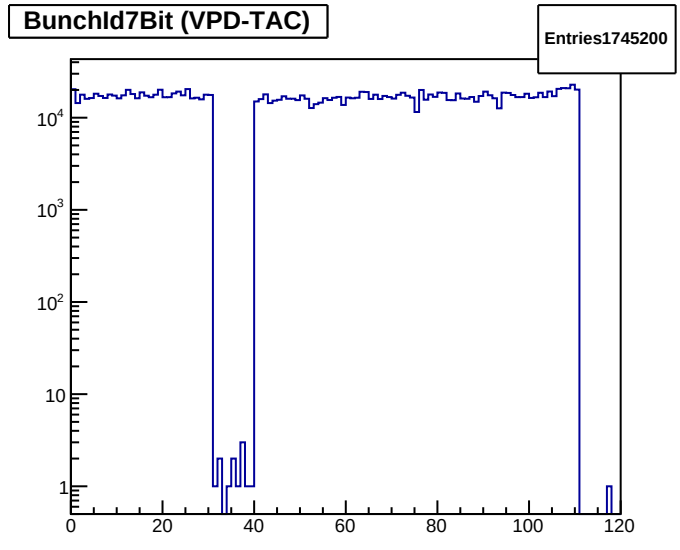

EM201E102Bits
Entries 2.408662e+07
85547
91910
101090
20463
13296
4.73178e+06
4.72541e+06
4.71623e+06
4.78886e+06
4.80403e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

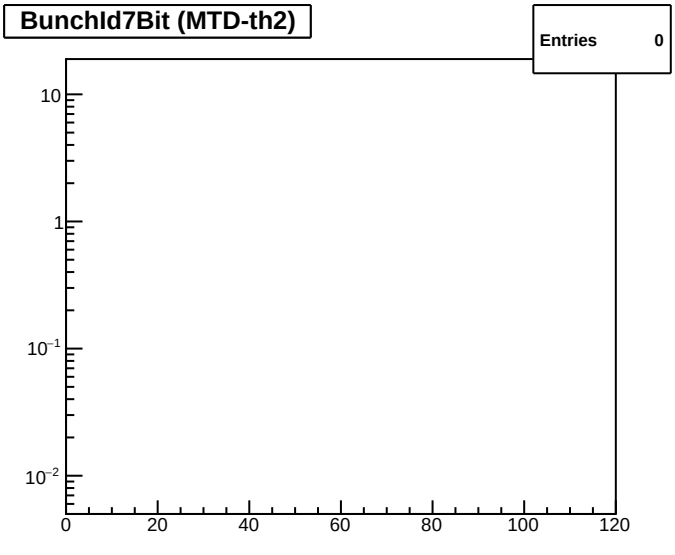

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

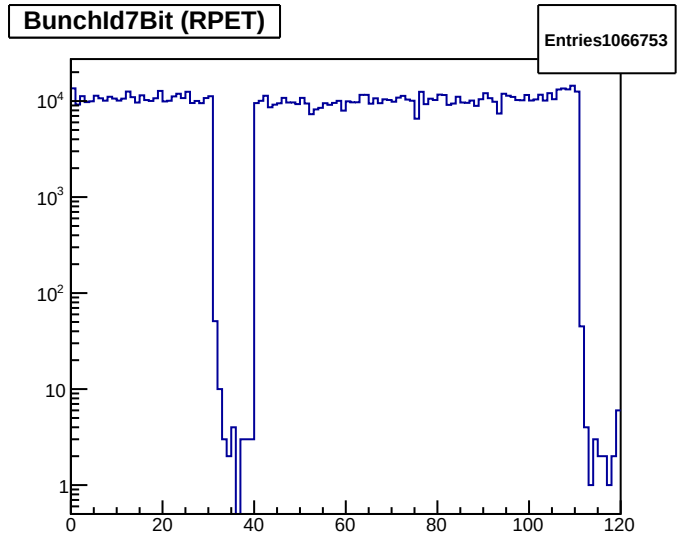

BunchId7Bit (BHT2)
Entries 93326

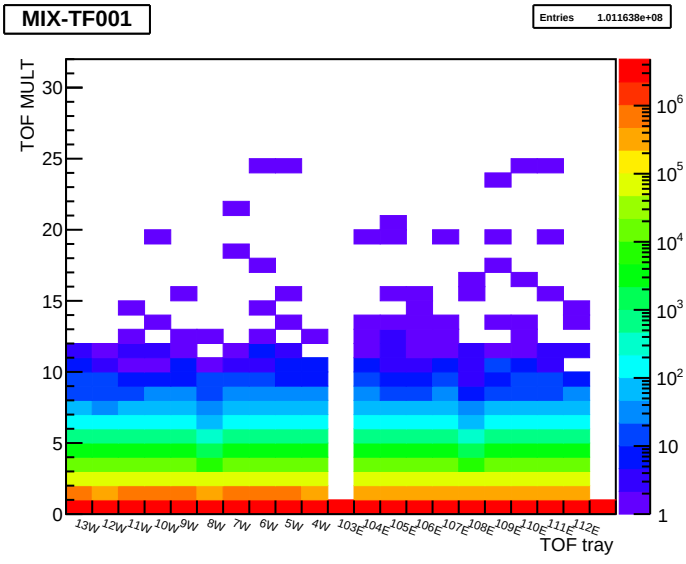

BunchId7Bit (JP2)
Entries 142069

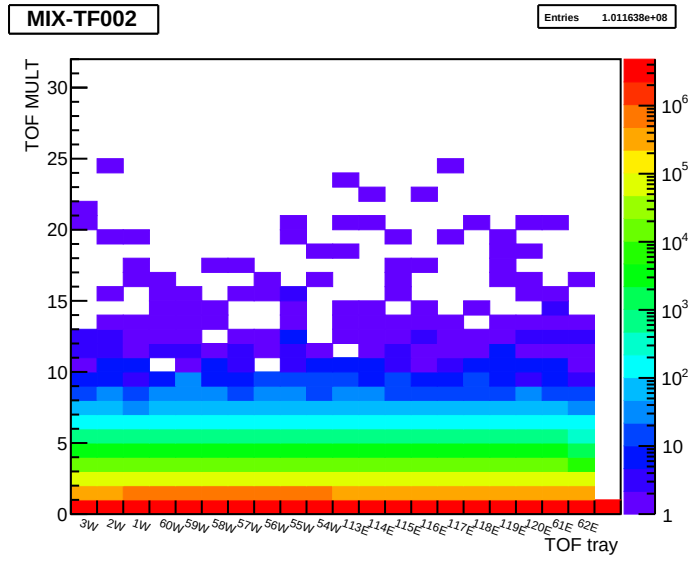

BunchId7Bit (BBC-TAC)
Entries3015873

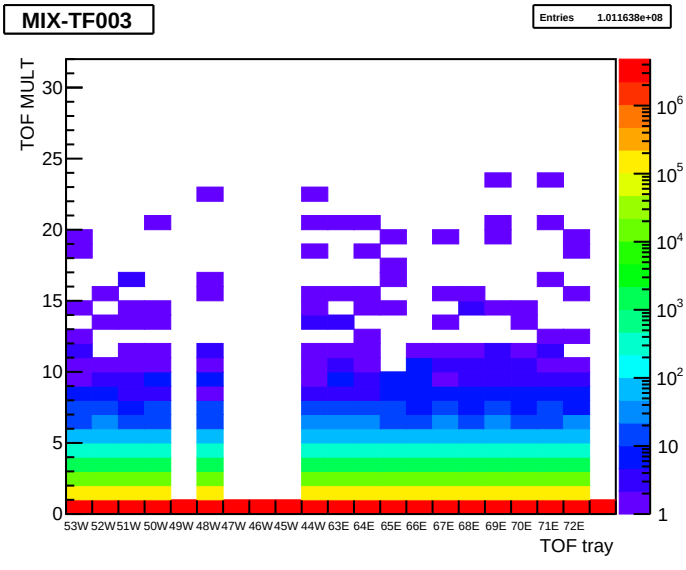

BunchId7Bit (VPD-TAC)
Entries1745200

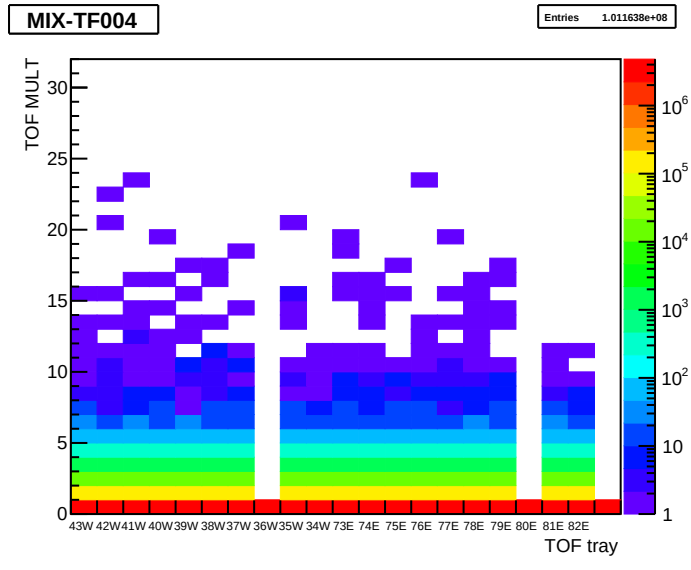

BunchId7Bit (MTD-th2)
Entries 0

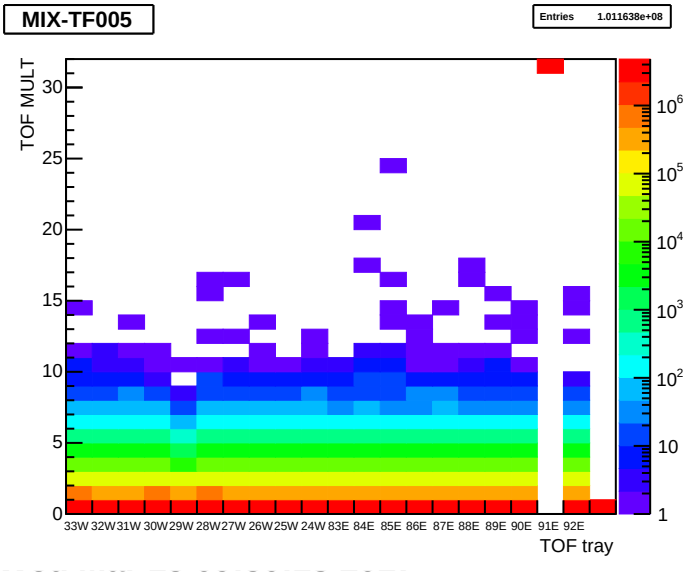

BunchId7Bit (RPET)
Entries1066753

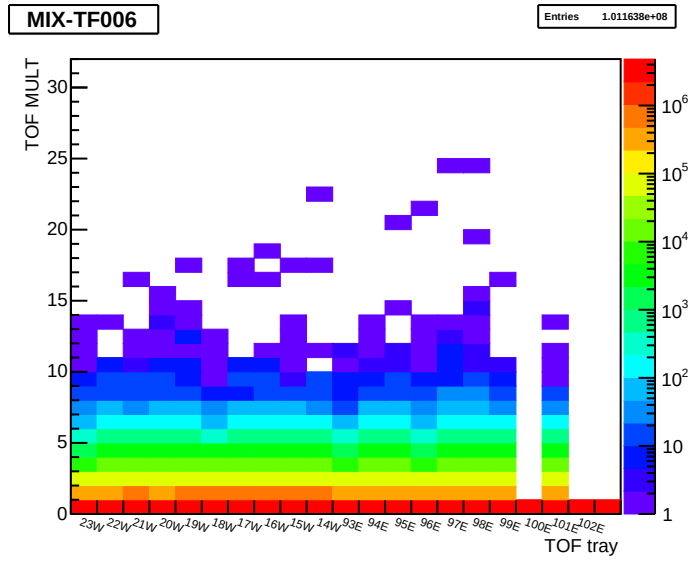

MIX-TF001
Entries 1.011638e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

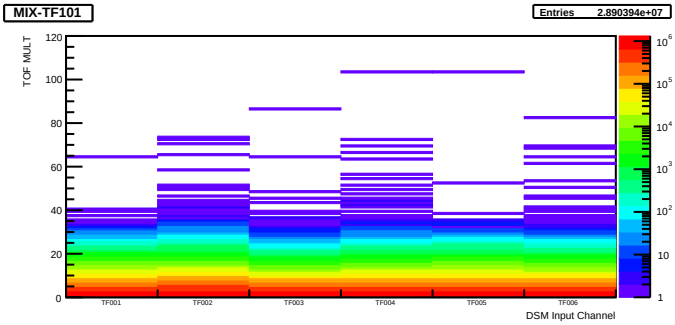

MIX-TF002
Entries 1.011638e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

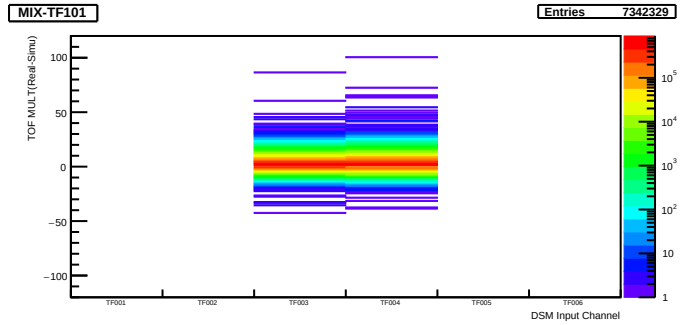

MIX-TF003
Entries 1.011638e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

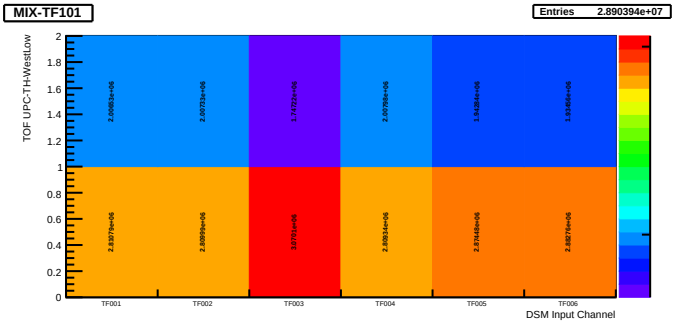

MIX-TF004
Entries 1.011638e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

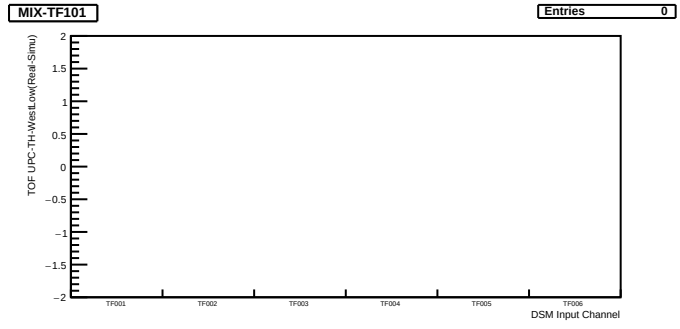

MIX-TF005
Entries 1.011638e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

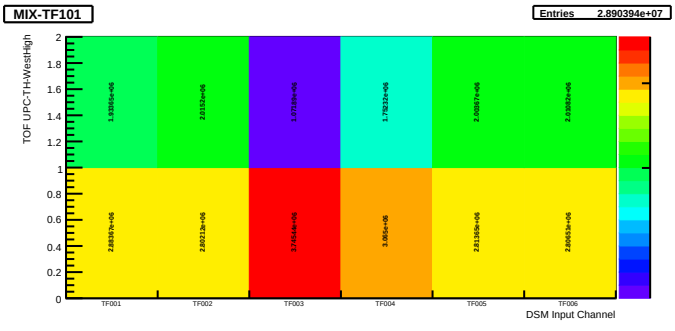

MIX-TF006
Entries 1.011638e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

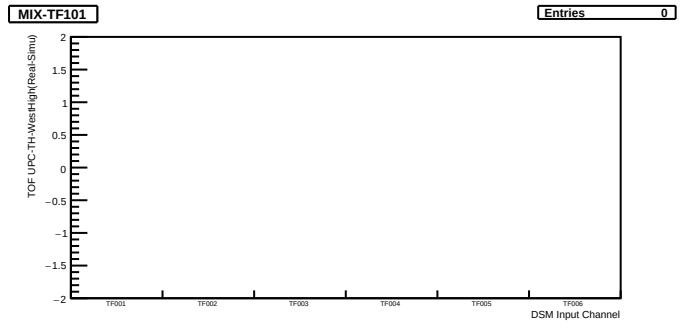

MIX-TF101
Entries 2.890394e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

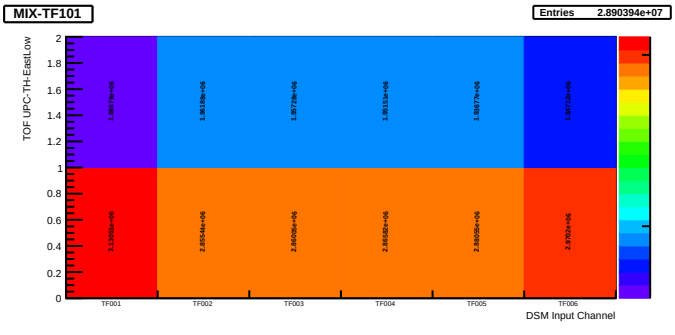

MIX-TF101
Entries 7342329
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

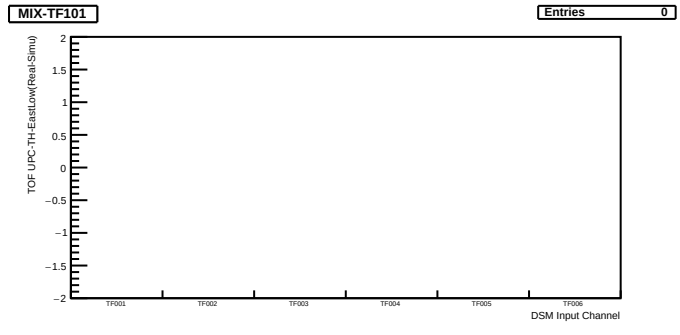

MIX-TF101
Entries 2.890394e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

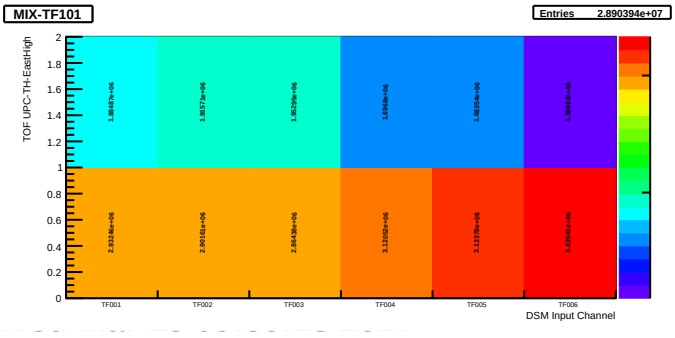

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

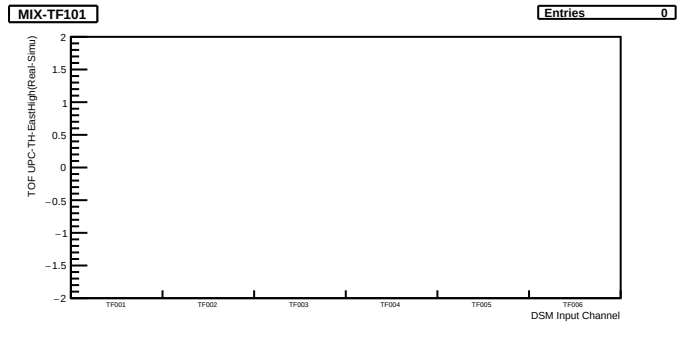

MIX-TF101
Entries 2.890394e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

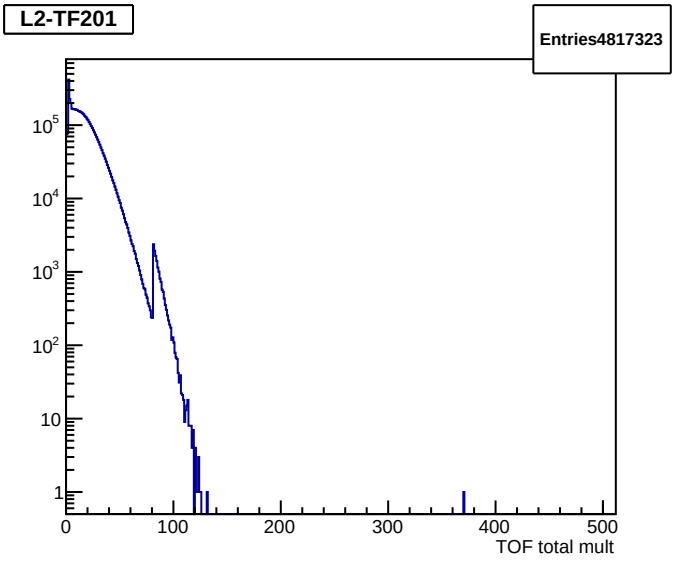

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

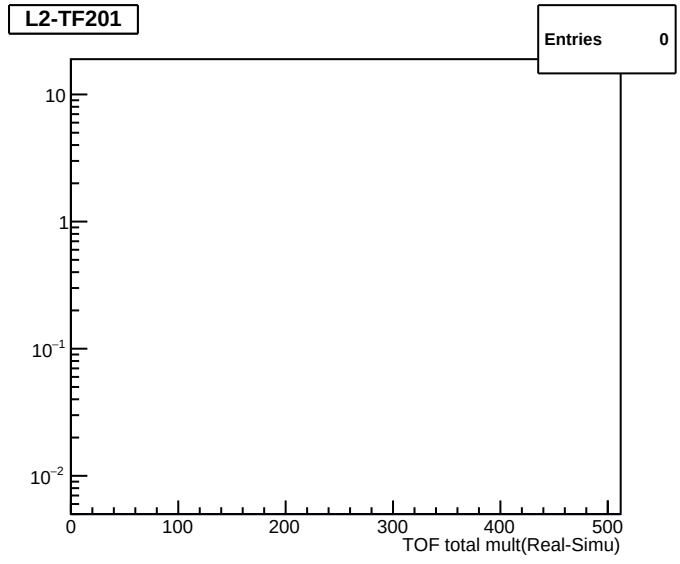

MIX-TF101
Entries 2.890394e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

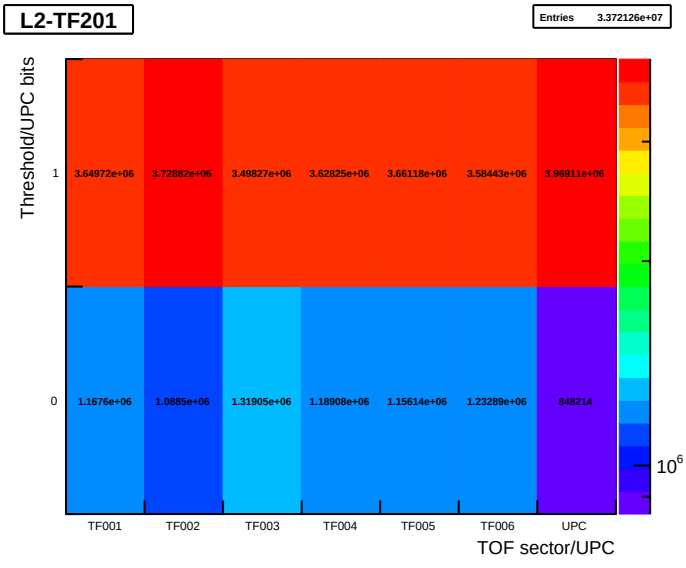

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

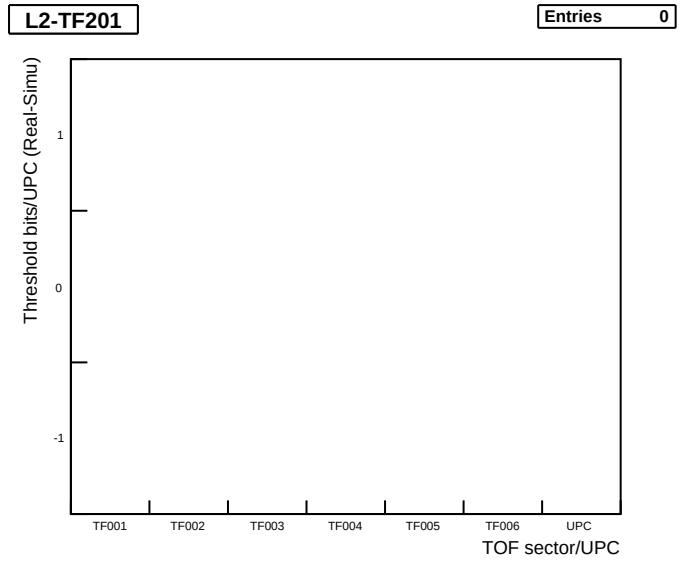

MIX-TF101
Entries 2.890394e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

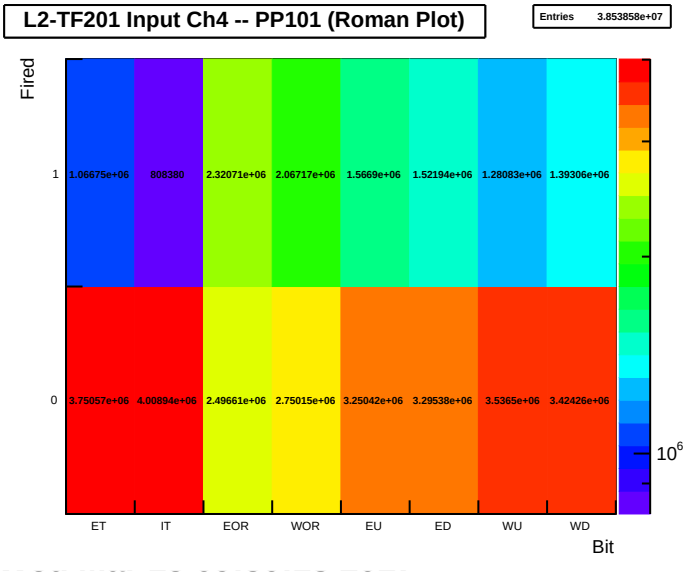

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

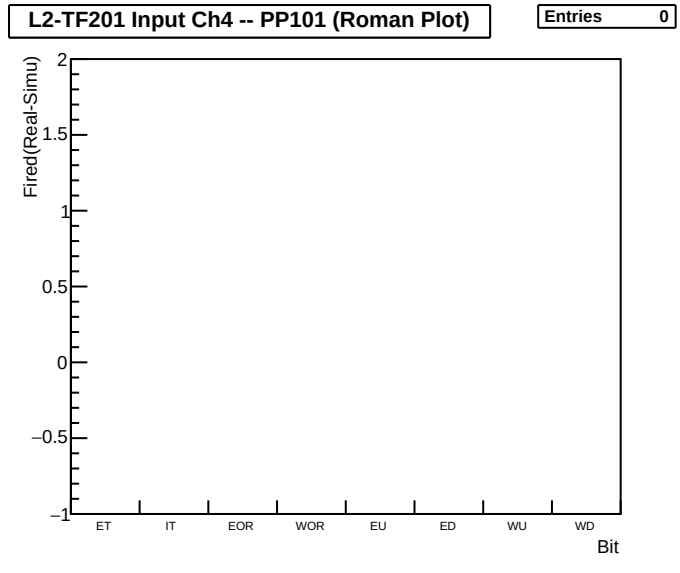

L2-TF201
Entries4817323
TOF total mult

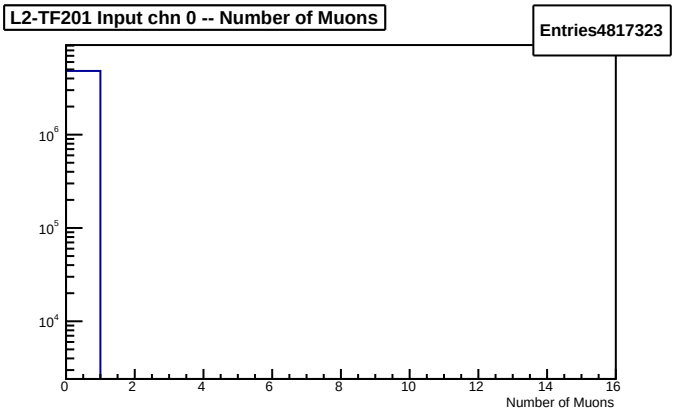

L2-TF201
Entries 0
TOF total mult(Real-Simu)

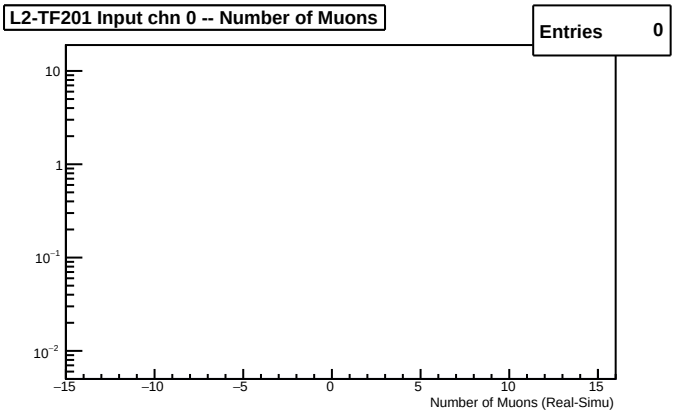

L2-TF201
Entries 3.372126e+07
Threshold/UPC bits
3.64972e+06
3.72882e+06
3.49827e+06
3.62825e+06
3.66118e+06
3.58443e+06
3.96911e+06
1.1676e+06
1.0885e+06
1.31905e+06
1.18908e+06
1.15614e+06
1.23289e+06
848214
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

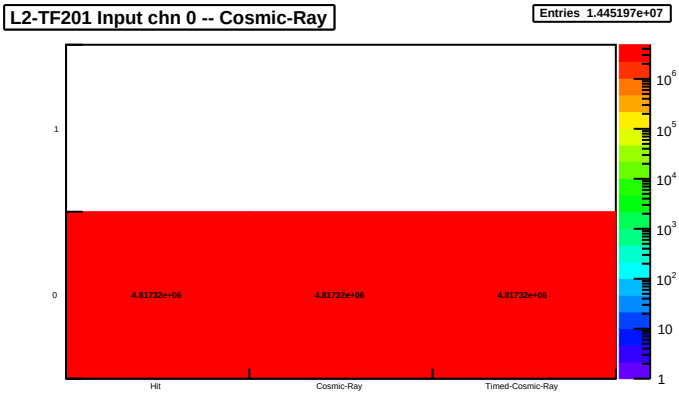

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

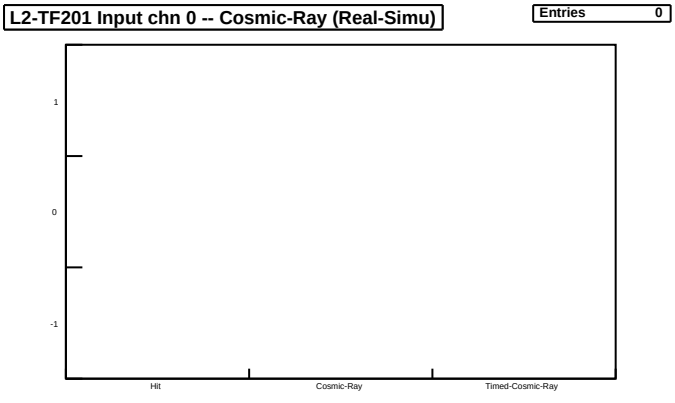

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.853858e+07
Fired
1.06675e+06
808380
2.32071e+06
2.06717e+06
1.5669e+06
1.52194e+06
1.28083e+06
1.39306e+06
3.75057e+06
4.00894e+06
2.49661e+06
2.75015e+06
3.25042e+06
3.29538e+06
3.5365e+06
3.42426e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

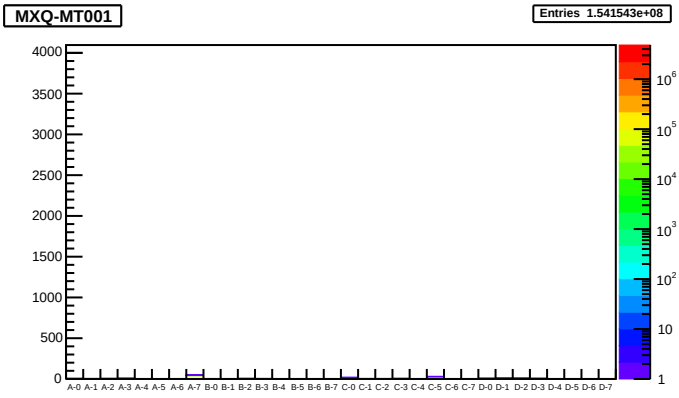

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

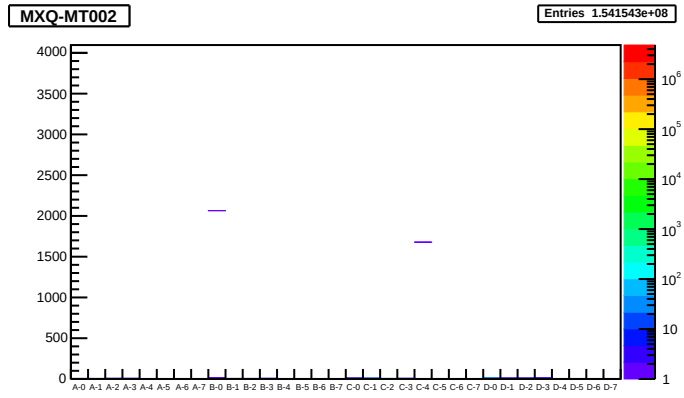

L2-TF201 Input chn 0 -- Number of Muons
Entries4817323
Number of Muons

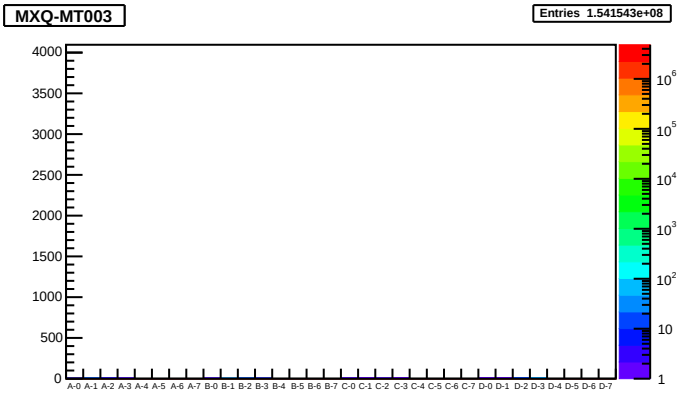

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

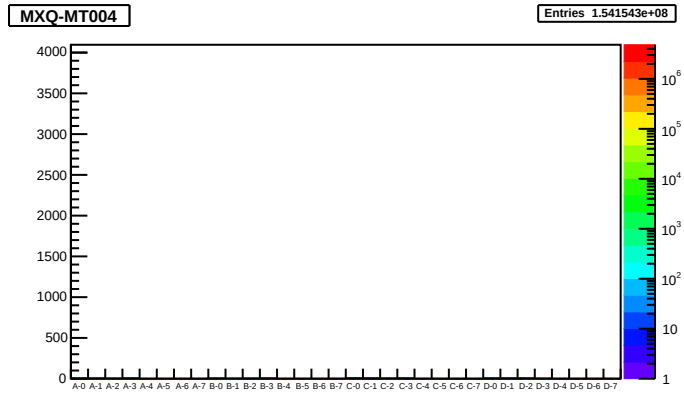

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.445197e+07
4.81732e+06
4.81732e+06
4.81732e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

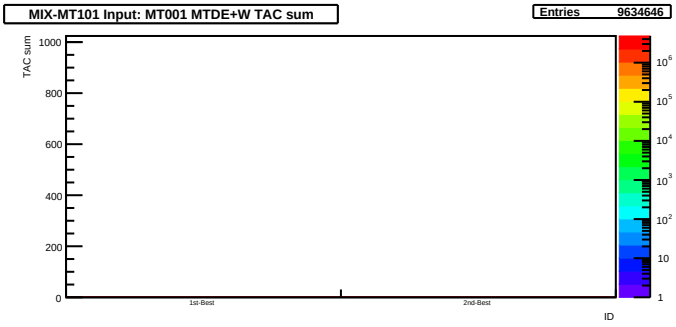

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

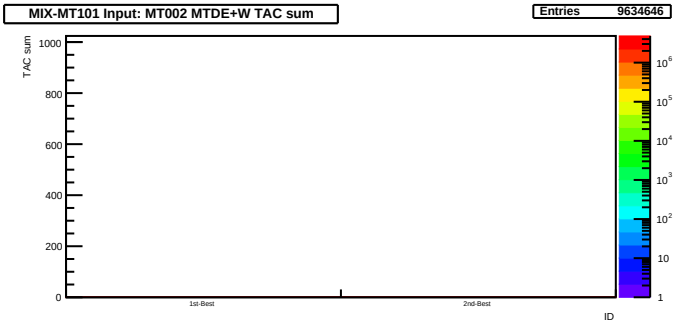

MXQ-MT001
Entries 1.541543e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

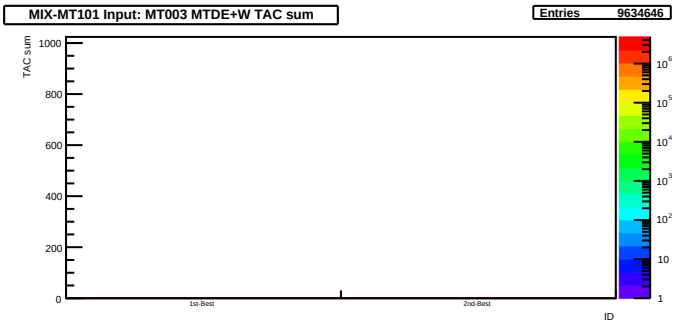

MXQ-MT002
Entries 1.541543e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

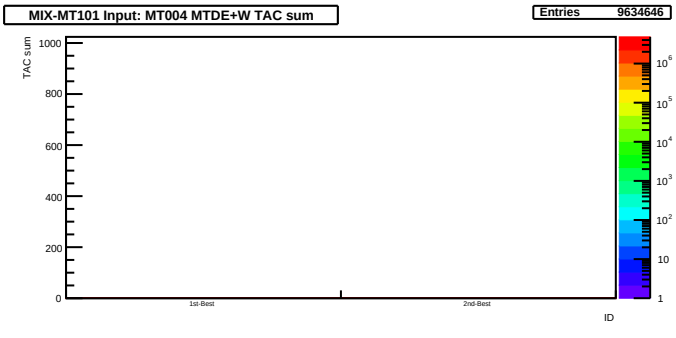

MXQ-MT003
Entries 1.541543e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

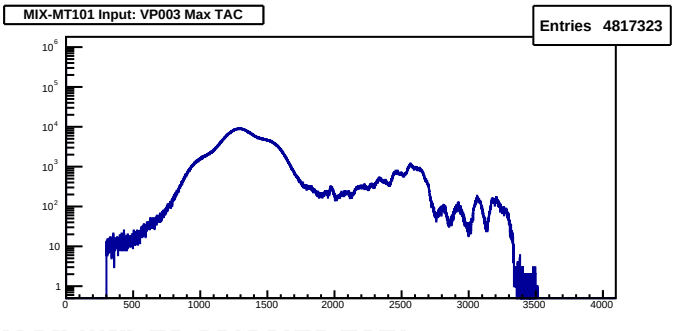

MXQ-MT004
Entries 1.541543e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

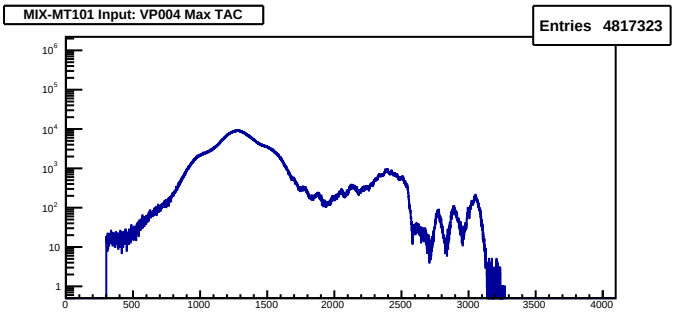

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9634646
TAC sum
1st-Best
2nd-Best
ID

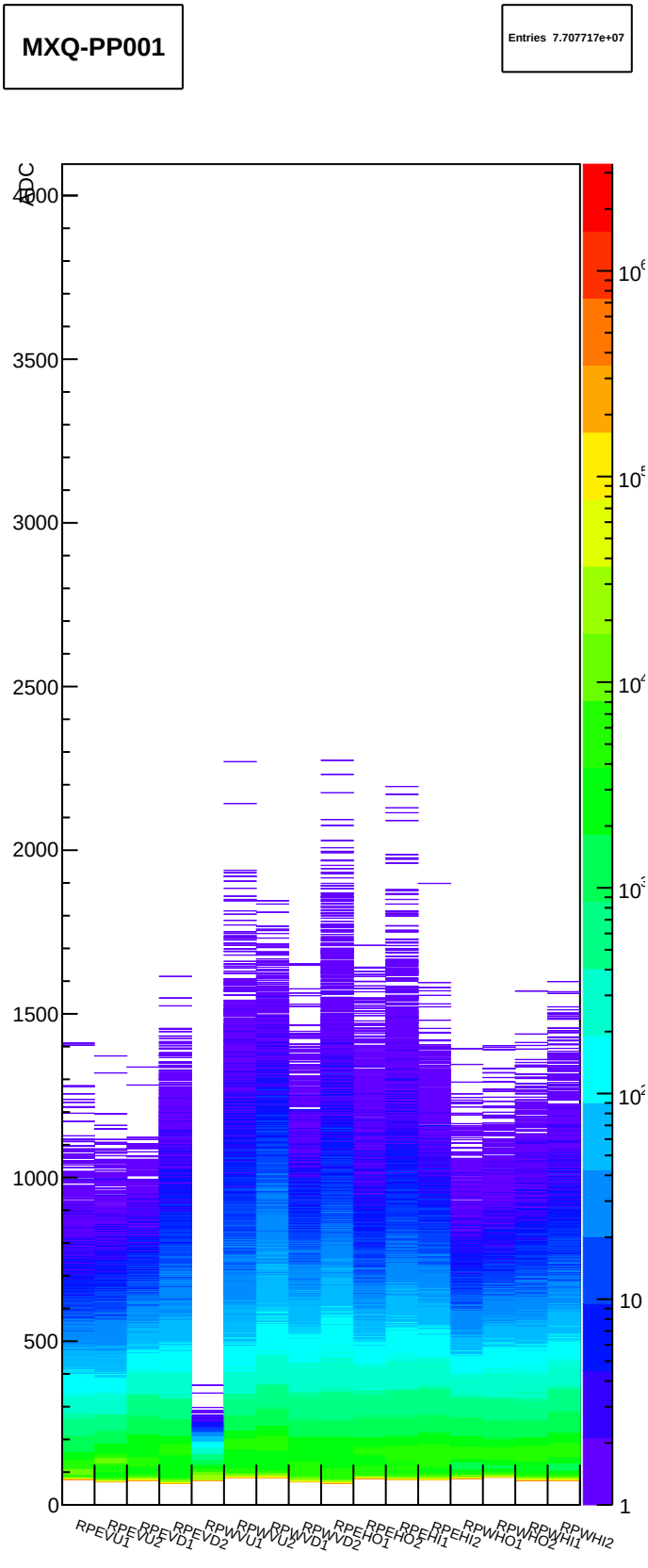

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9634646
TAC sum
1st-Best
2nd-Best
ID

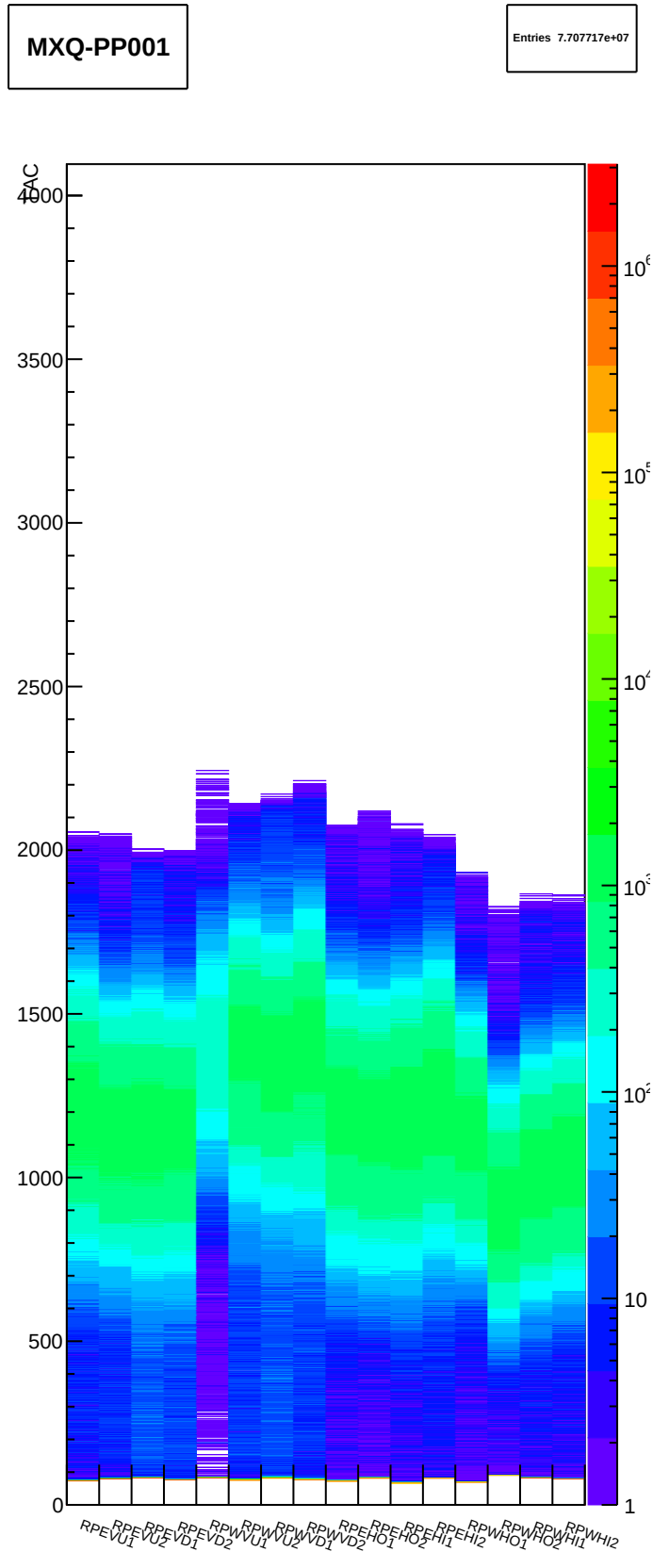

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9634646
TAC sum
1st-Best
2nd-Best
ID

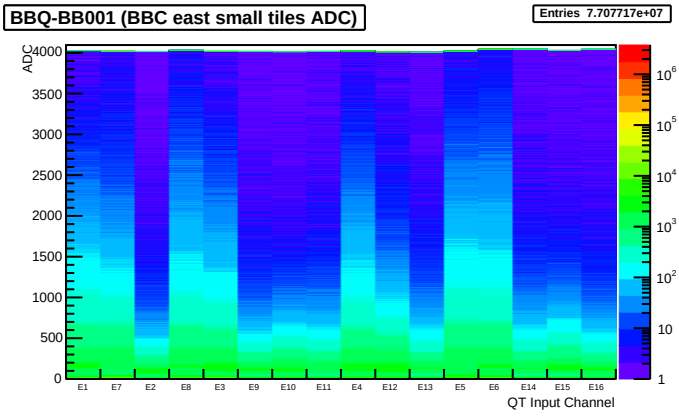

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9634646
TAC sum
1st-Best
2nd-Best
ID

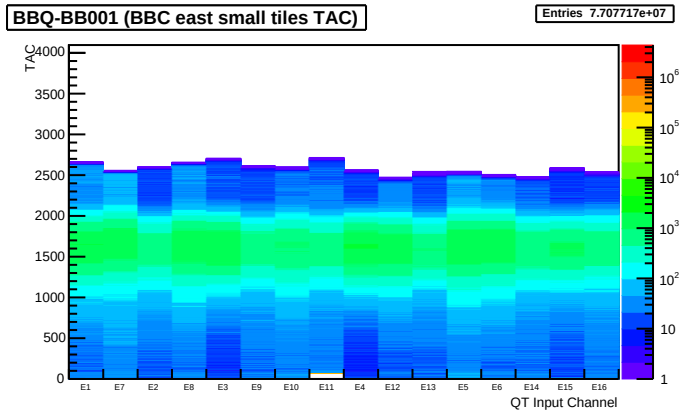

MIX-MT101 Input: VP003 Max TAC
Entries 4817323

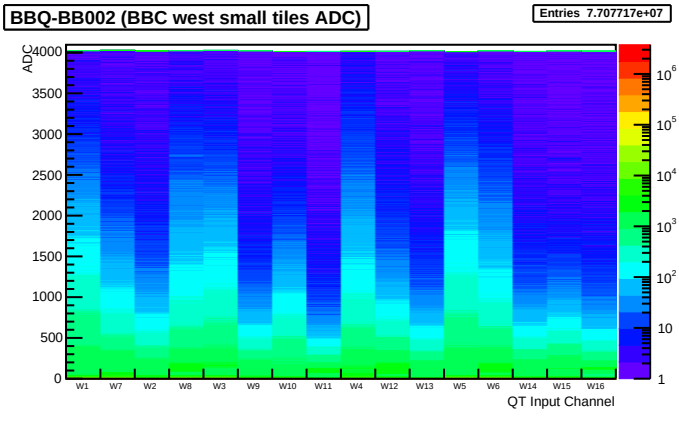

MIX-MT101 Input: VP004 Max TAC
Entries 4817323

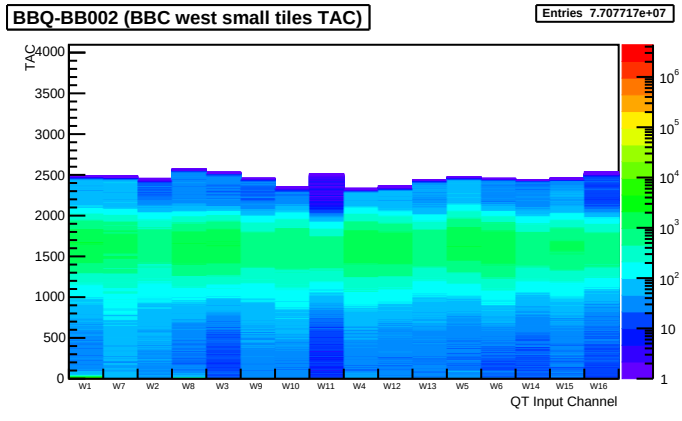

MXQ-PP001
Entries 7.707717e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

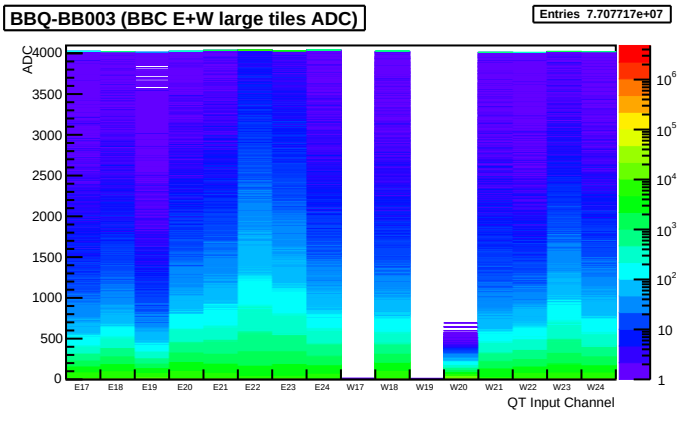

MXQ-PP001
Entries 7.707717e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

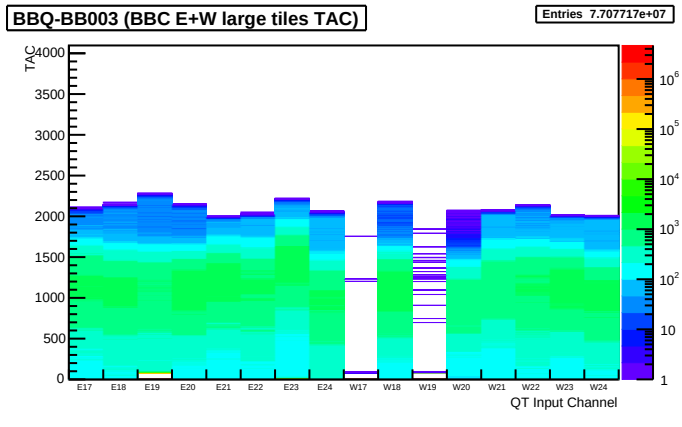

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.707717e+07
ADC
QT Input Channel

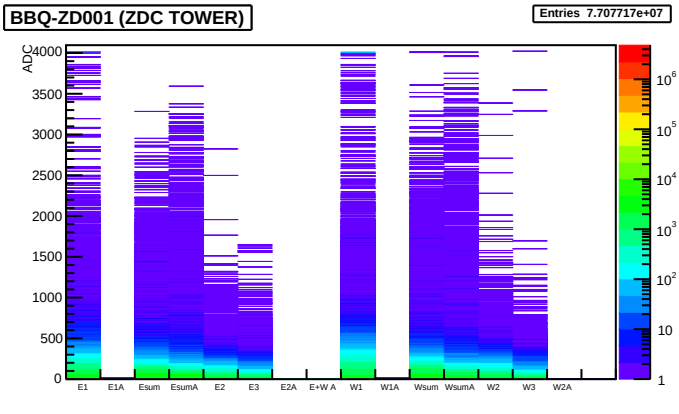

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.707717e+07
TAC
QT Input Channel

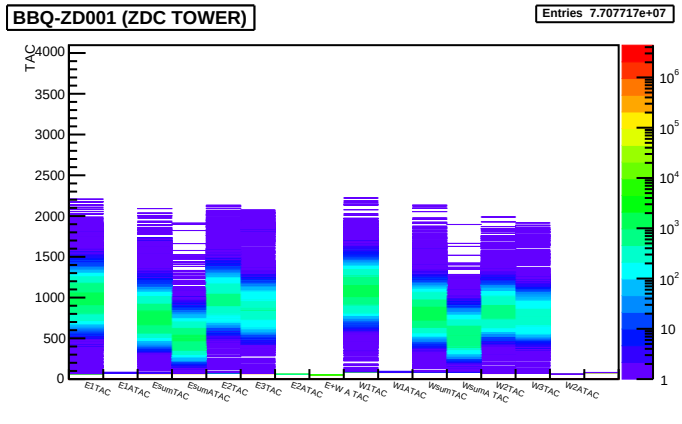

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.707717e+07
ADC
QT Input Channel

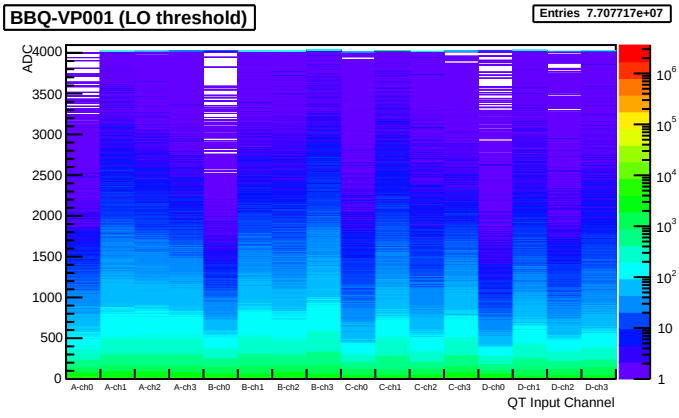

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.707717e+07
TAC
QT Input Channel

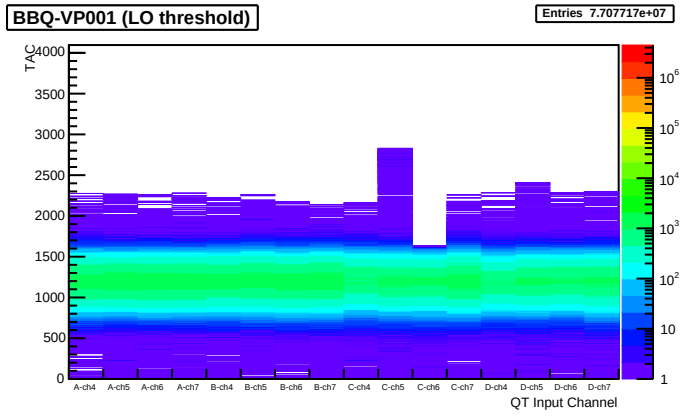

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.707717e+07
ADC
QT Input Channel

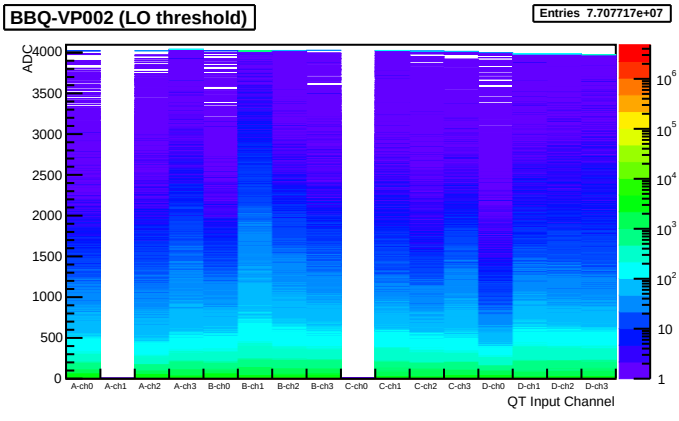

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.707717e+07
TAC
QT Input Channel

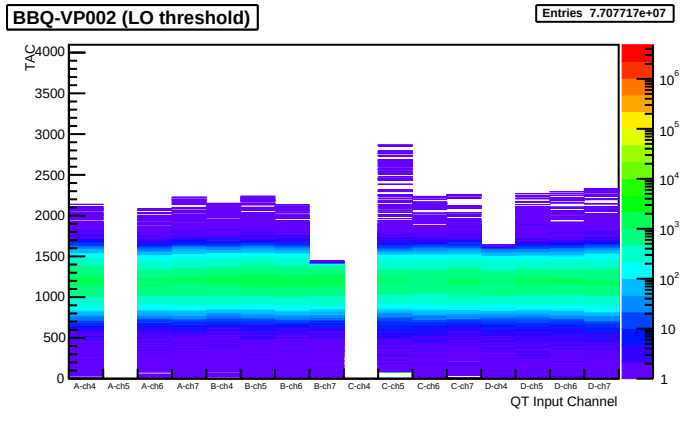

BBQ-ZD001 (ZDC TOWER)
Entries 7.707717e+07
ADC

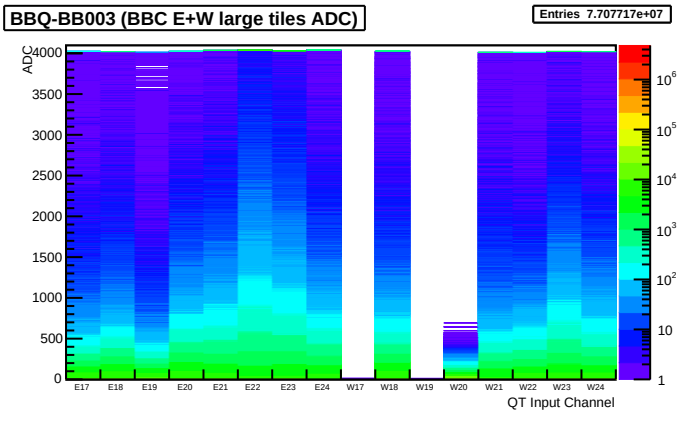

BBQ-ZD001 (ZDC TOWER)
Entries 7.707717e+07
TAC

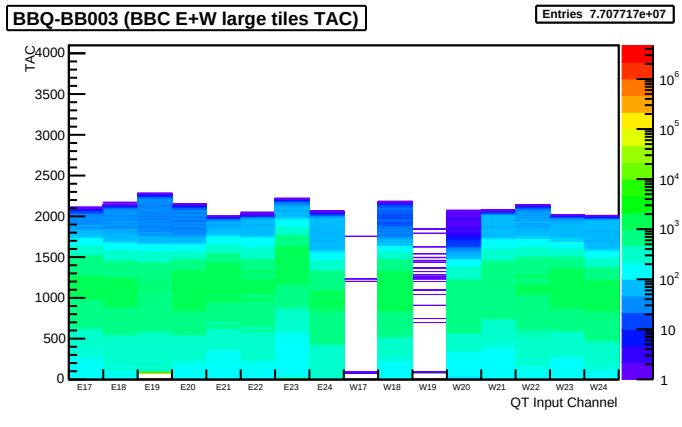

BBQ-VP001 (LO threshold)
Entries 7.707717e+07
ADC
QT Input Channel

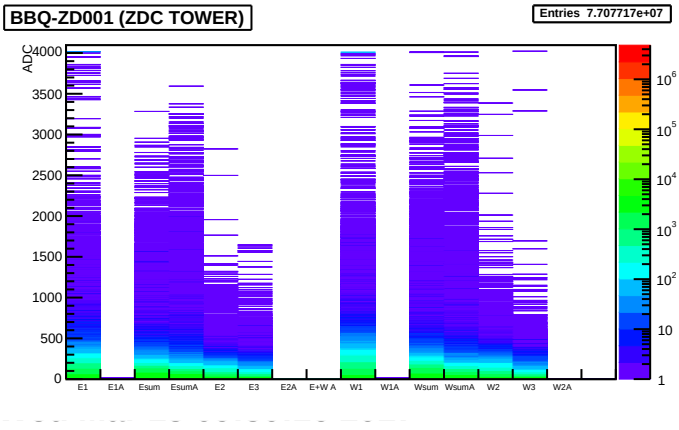

BBQ-VP001 (LO threshold)
Entries 7.707717e+07
TAC
QT Input Channel

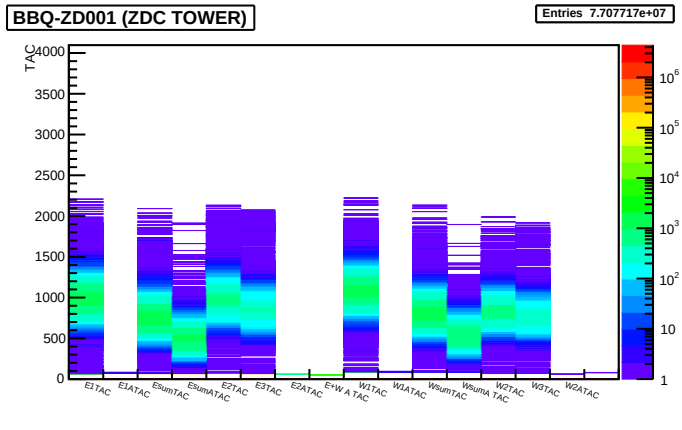

BBQ-VP002 (LO threshold)
Entries 7.707717e+07
ADC
QT Input Channel

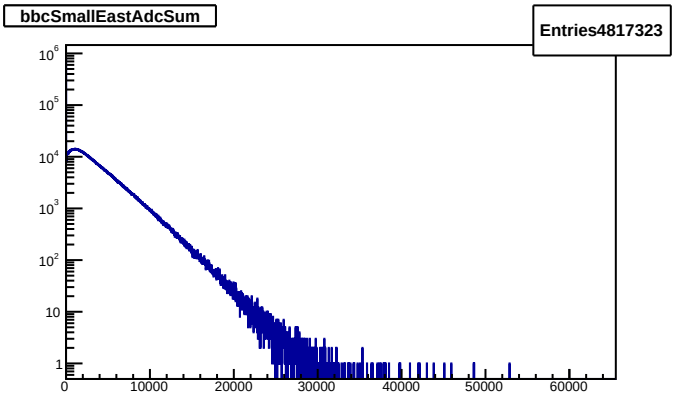

BBQ-VP002 (LO threshold)
Entries 7.707717e+07
TAC
QT Input Channel

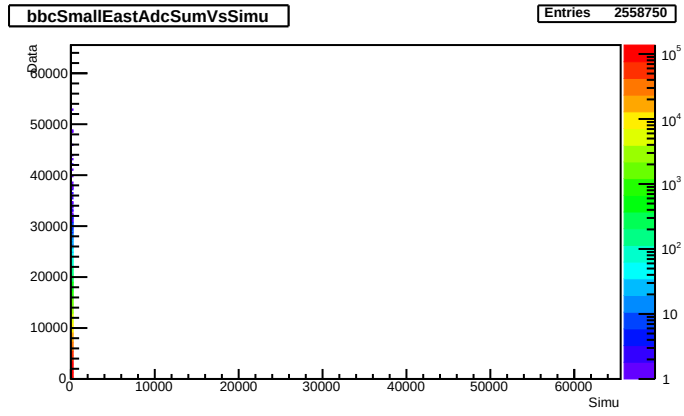

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.707717e+07
ADC
QT Input Channel

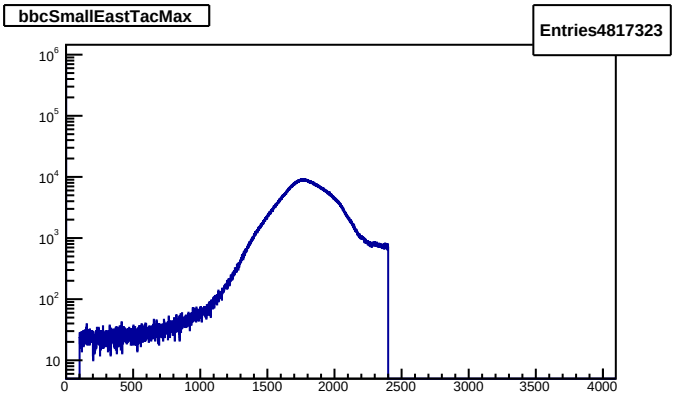

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.707717e+07
TAC
QT Input Channel

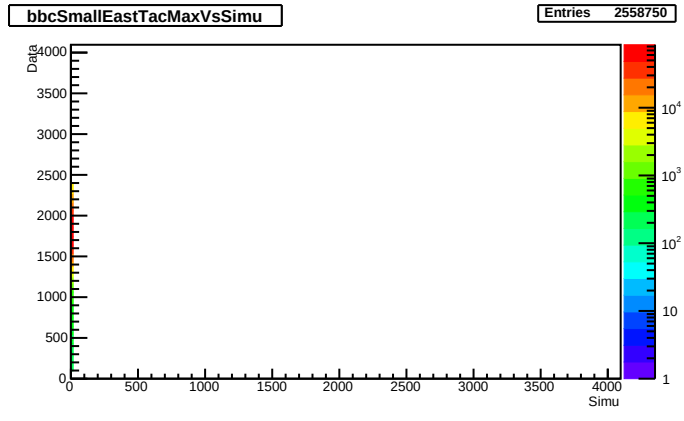

BBQ-ZD001 (ZDC TOWER)
Entries 7.707717e+07
ADC

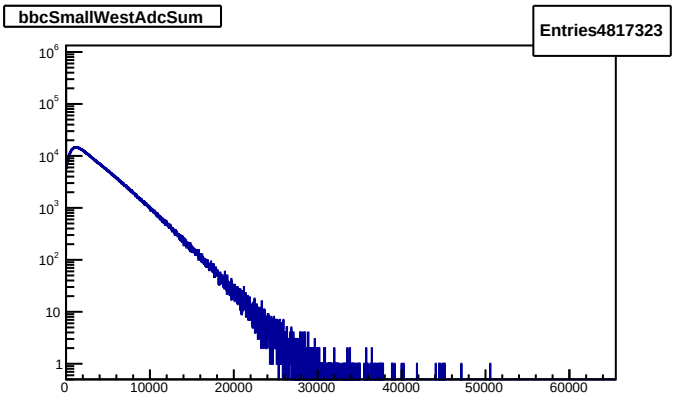

BBQ-ZD001 (ZDC TOWER)
Entries 7.707717e+07
TAC

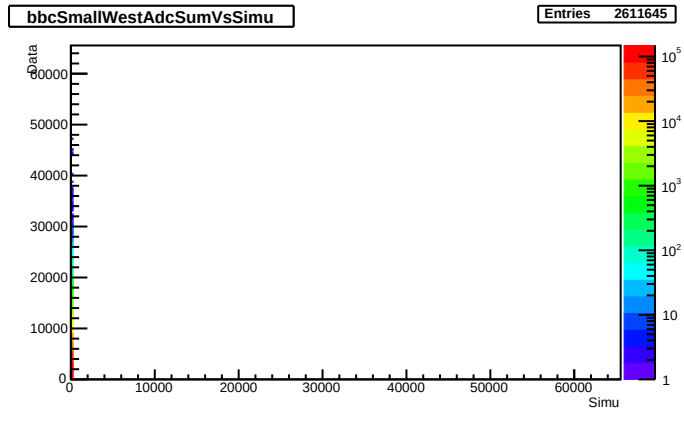

bbcSmallEastAdcSum
Entries4817323

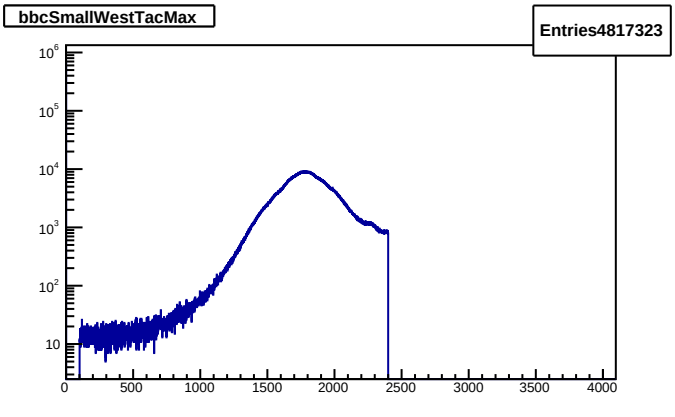

bbcSmallEastAdcSumVsSimu
Entries 2558750
Data
Simu

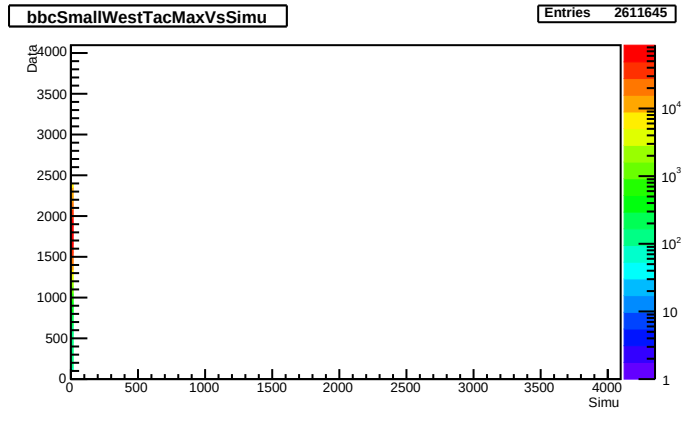

bbcSmallEastTacMax
Entries4817323

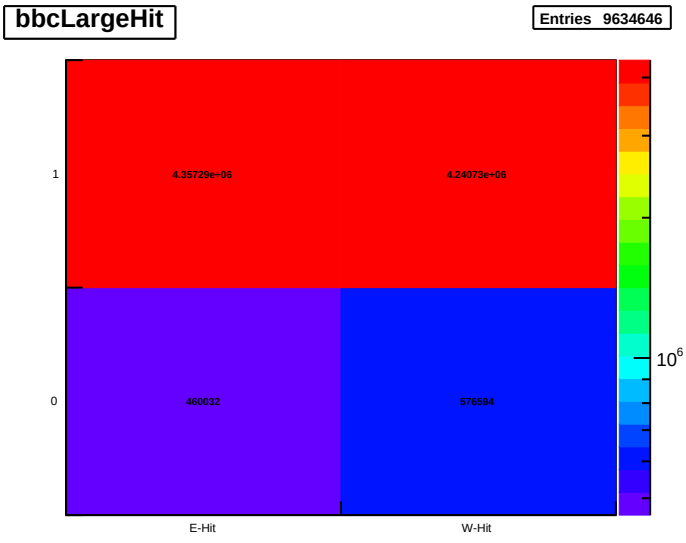

bbcSmallEastTacMaxVsSimu
Entries 2558750
Data
Simu

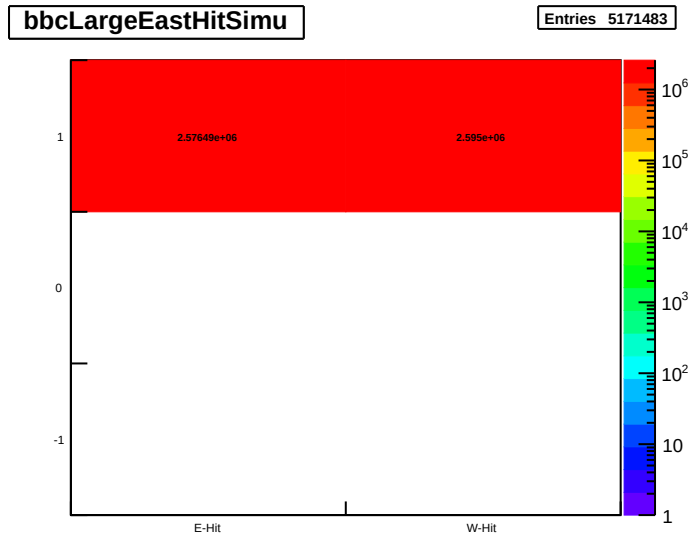

bbcSmallWestAdcSum
Entries4817323

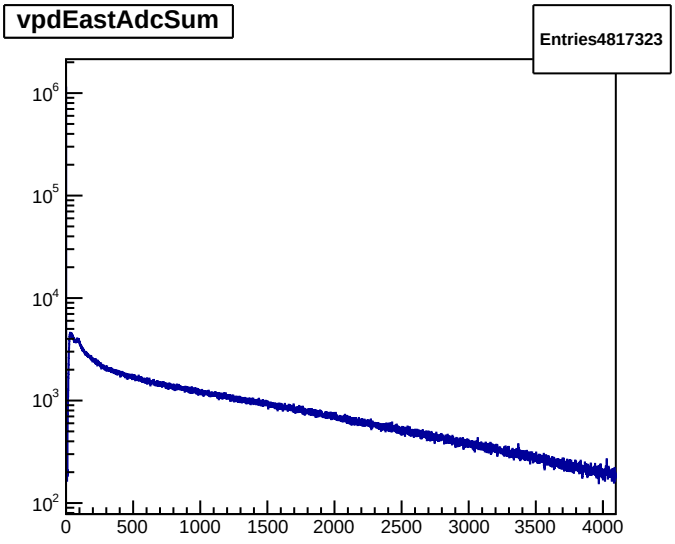

bbcSmallWestAdcSumVsSimu
Entries 2611645
Data
Simu

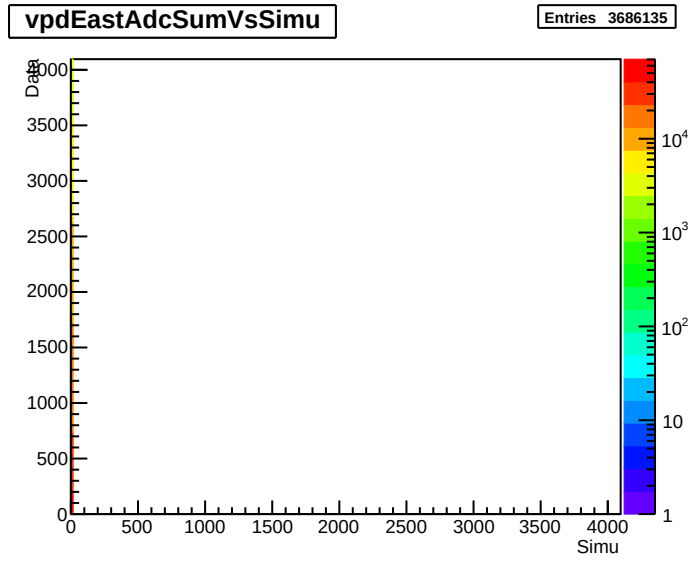

bbcSmallWestTacMax
Entries4817323

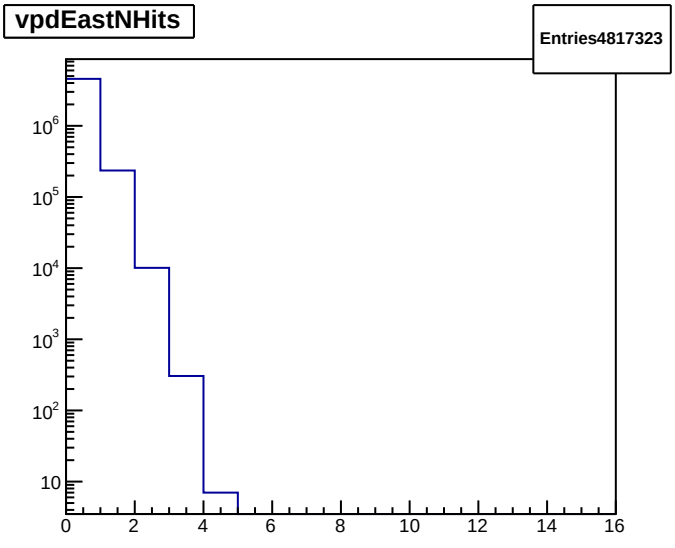

bbcSmallWestTacMaxVsSimu
Entries 2611645
Data
Simu

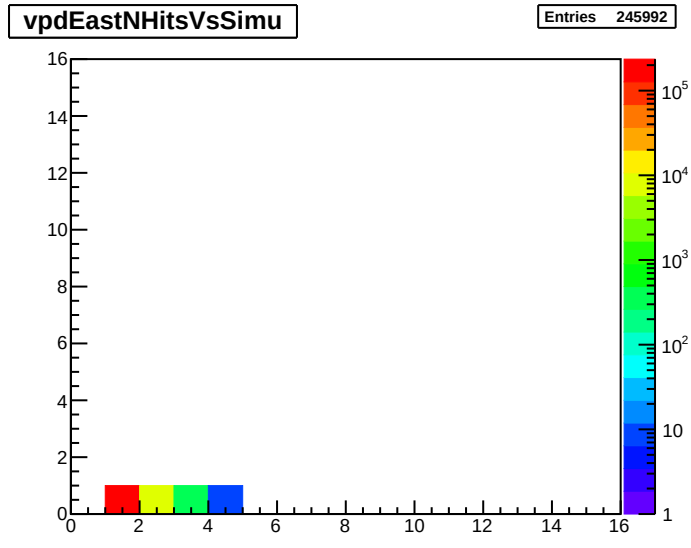

bbcLargeHit
Entries 9634646
4.35729e+06
4.24073e+06
460032
576594
1
0
E-Hit
W-Hit
10^6

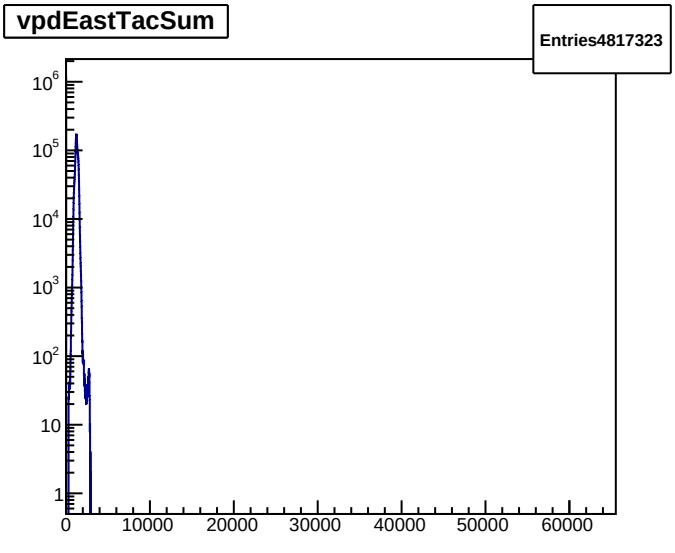

bbcLargeEastHitSimu
Entries 5171483
2.57649e+06
2.595e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

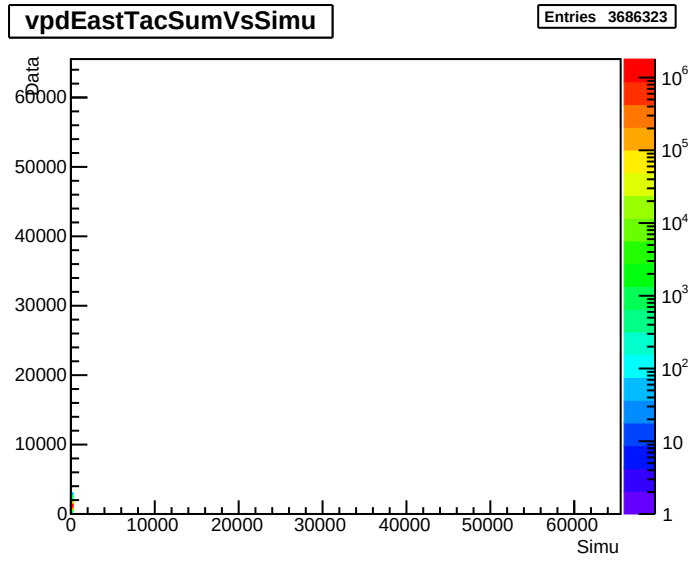

vpdEastAdcSum
Entries4817323

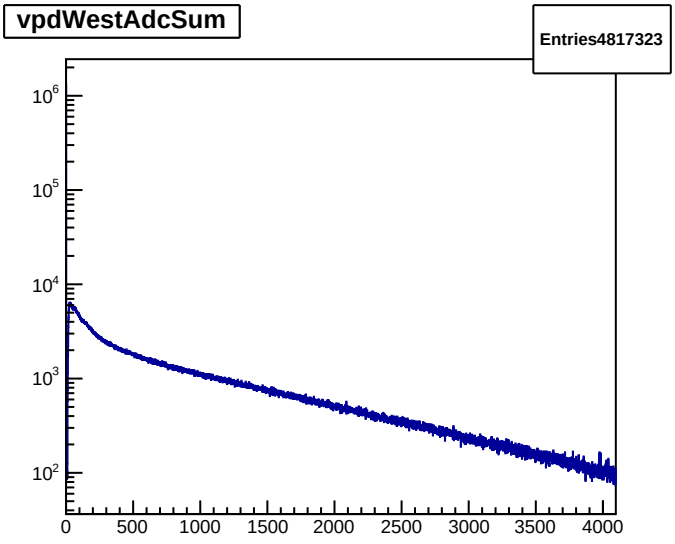

vpdEastAdcSumVsSimu
Entries 3686135
Data
Simu

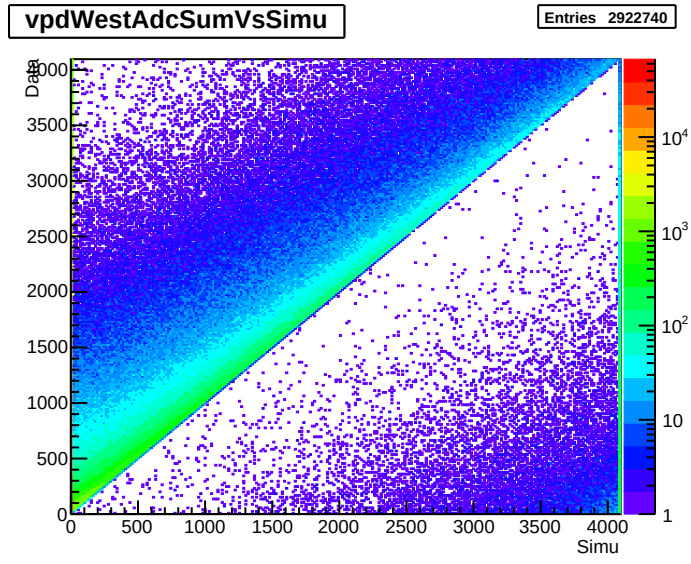

vpdEastNHits
Entries4817323

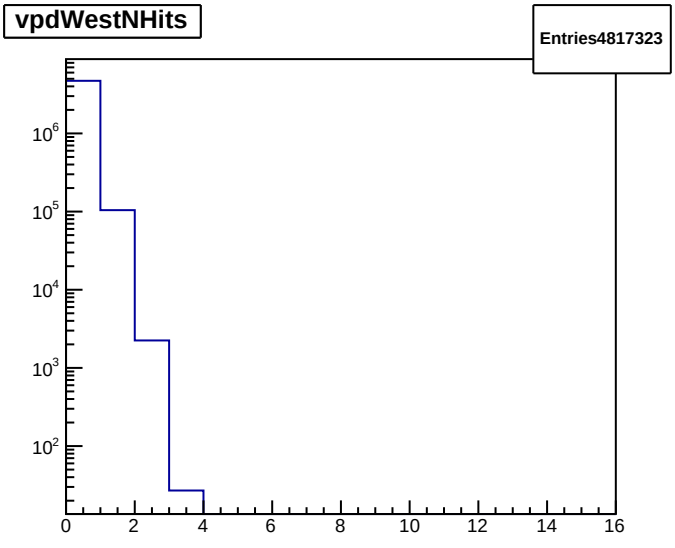

vpdEastNHitsVsSimu
Entries 245992

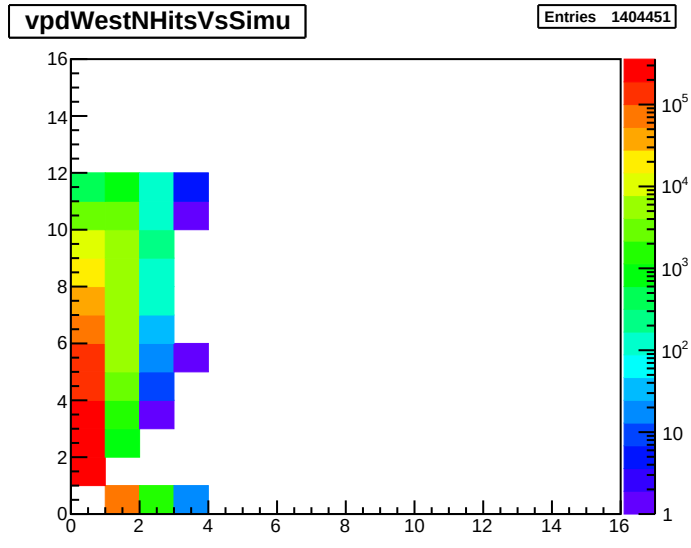

vpdEastTacSum
Entries4817323

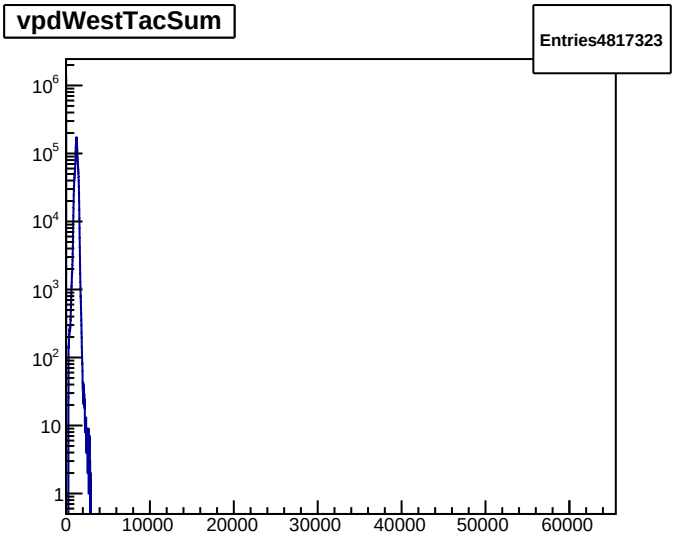

vpdEastTacSumVsSimu
Entries 3686323
Data
Simu

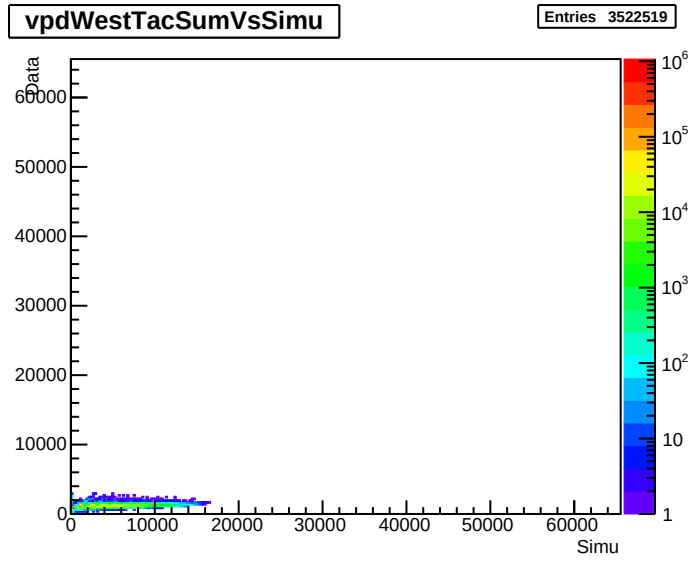

vpdWestAdcSum
Entries4817323

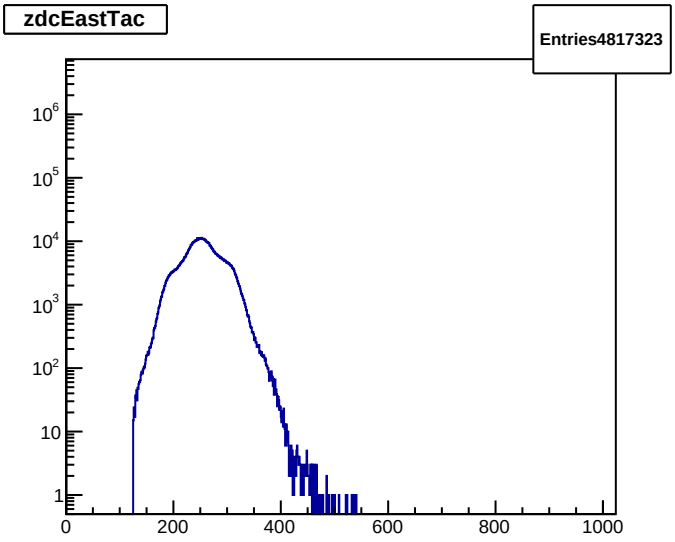

vpdWestAdcSumVsSimu
Entries 2922740
Data
Simu

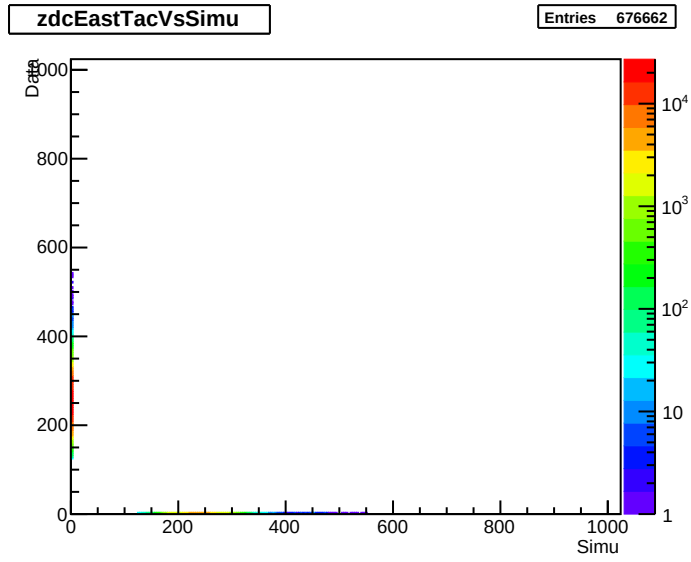

vpdWestNHits
Entries4817323

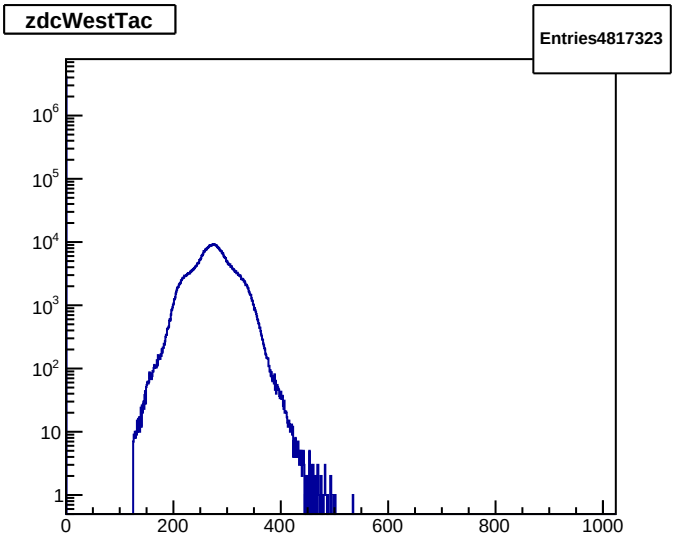

vpdWestNHitsVsSimu
Entries 1404451

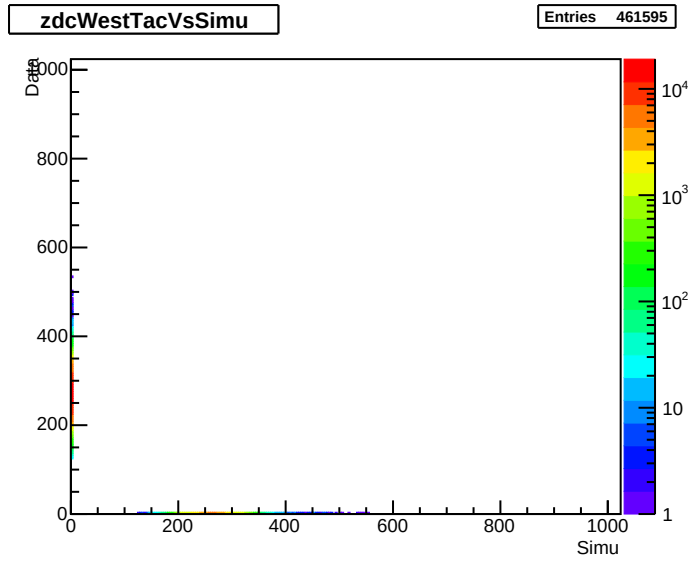

vpdWestTacSum
Entries4817323

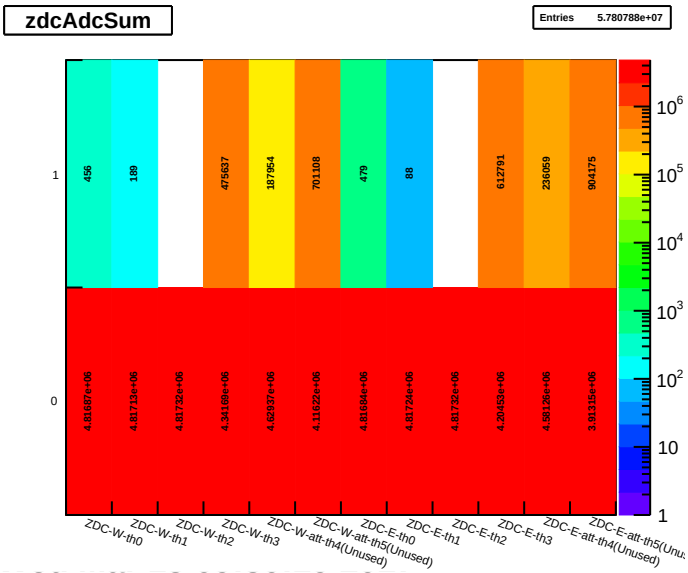

vpdWestTacSumVsSimu
Entries 3522519
Data
Simu

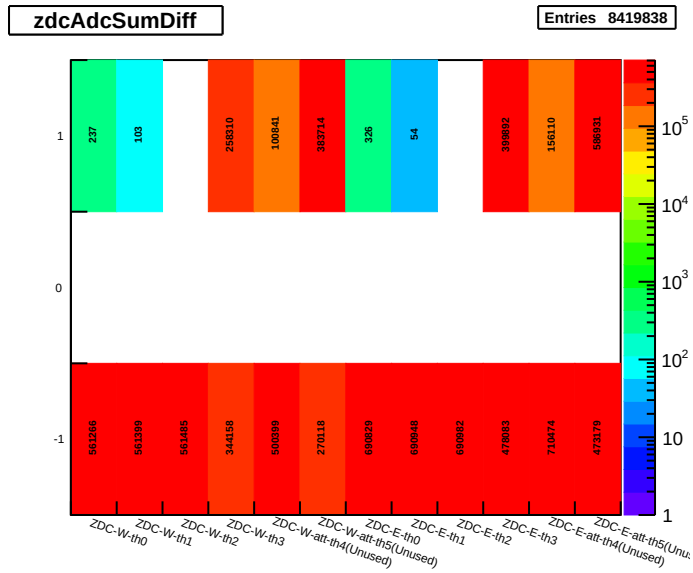

zdcEastTac
Entries4817323

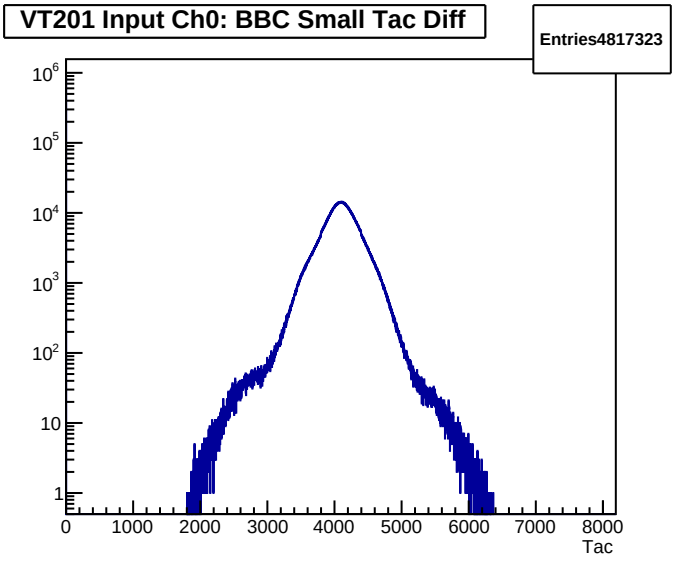

zdcEastTacVsSimu
Entries 676662
Data
Simu

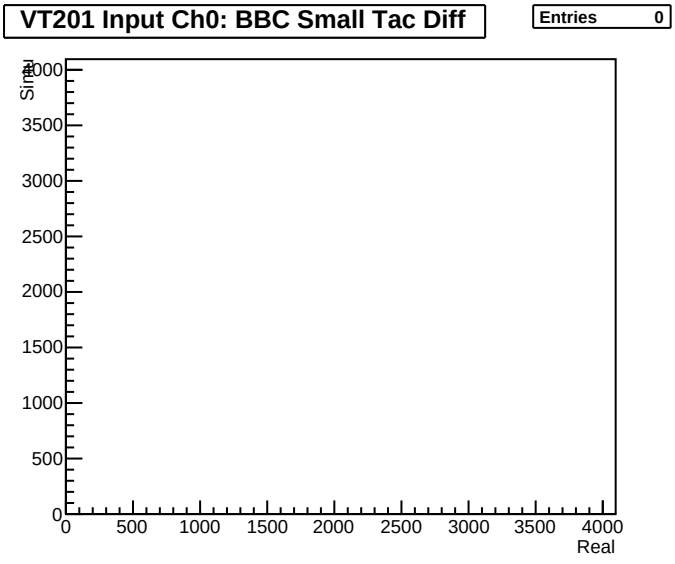

zdcWestTac
Entries4817323

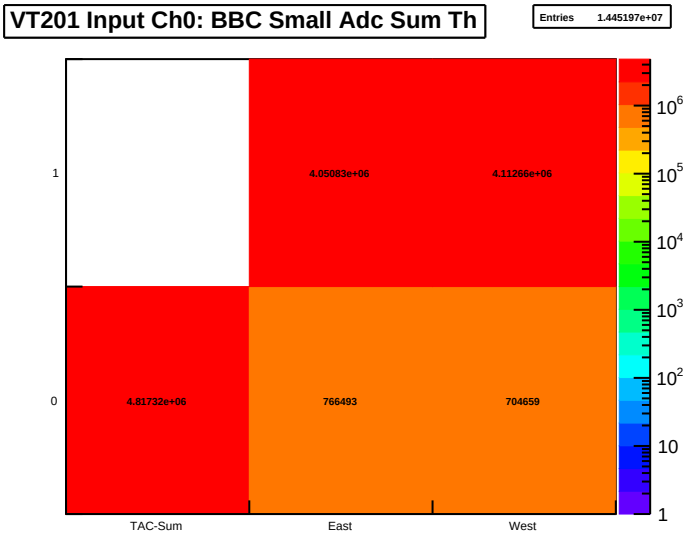

zdcWestTacVsSimu
Entries 461595
Data
Simu

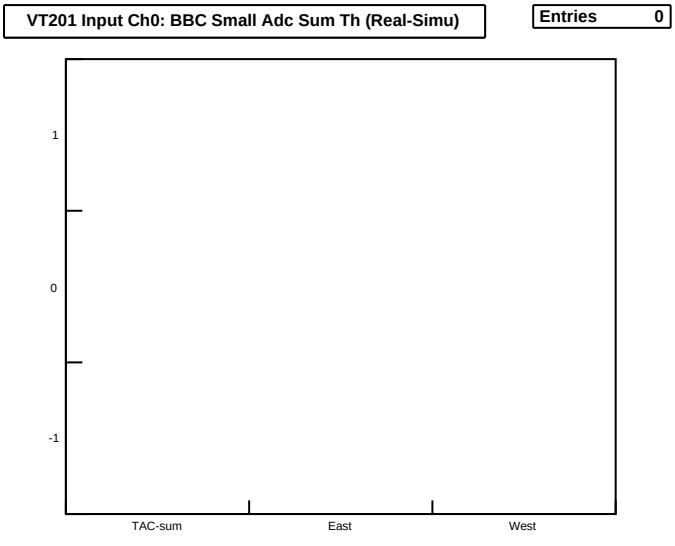

zdcAdcSum
Entries 5.780788e+07
456
189
475637
187954
701108
479
88
612791
236059
904175
4.81687e+06
4.81713e+06
4.81732e+06
4.34169e+06
4.62937e+06
4.11622e+06
4.81684e+06
4.81724e+06
4.81732e+06
4.20453e+06
4.58126e+06
3.91315e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

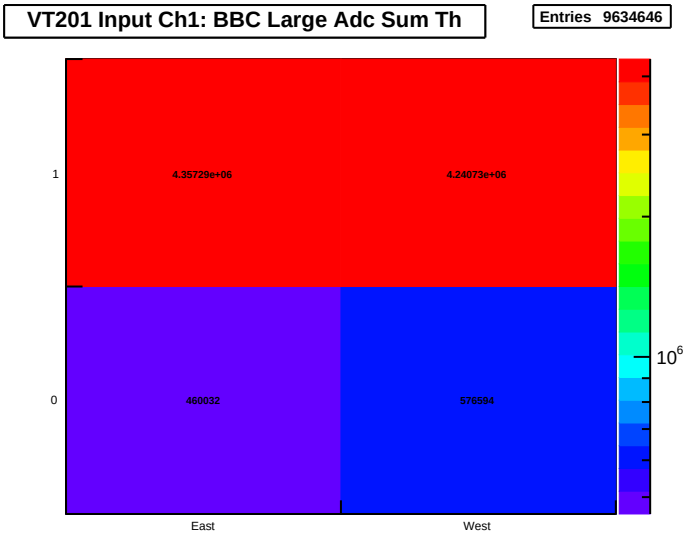

zdcAdcSumDiff
Entries 8419838
237
103
258310
100841
383714
326
54
399892
156110
586931
561266
561399
561485
344158
500399
270118
690829
690948
690982
479083
710474
473179
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

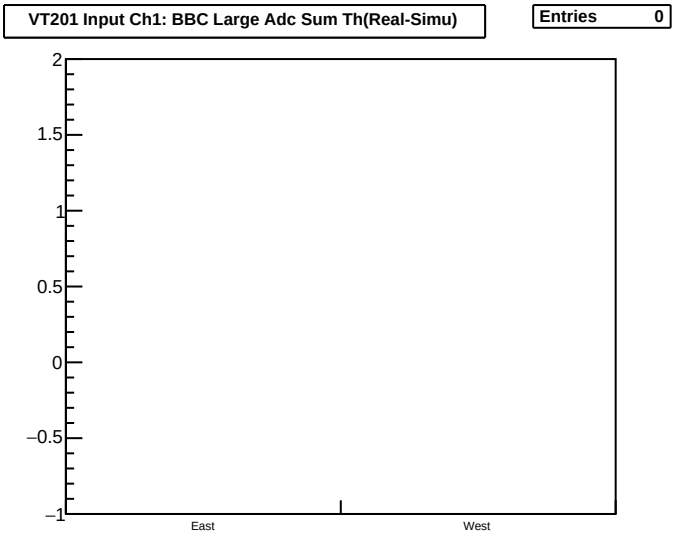

VT201 Input Ch0: BBC Small Tac Diff
Entries4817323
Tac


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

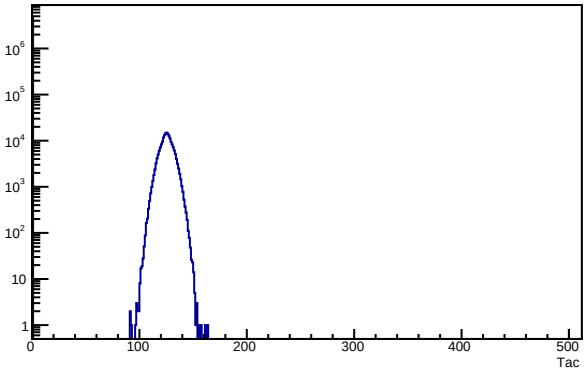

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.445197e+07
4.05083e+06
4.11266e+06
4.81732e+06
766493
704659
TAC-Sum
East
West


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

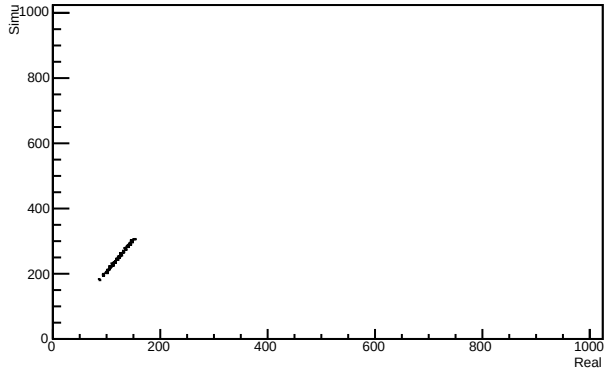

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9634646
4.35729e+06
4.24073e+06
460032
576594
East
West


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

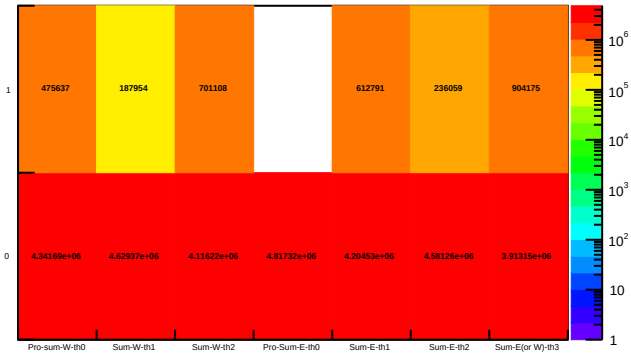
VT201 Input Ch2: ZDC Tac Diff



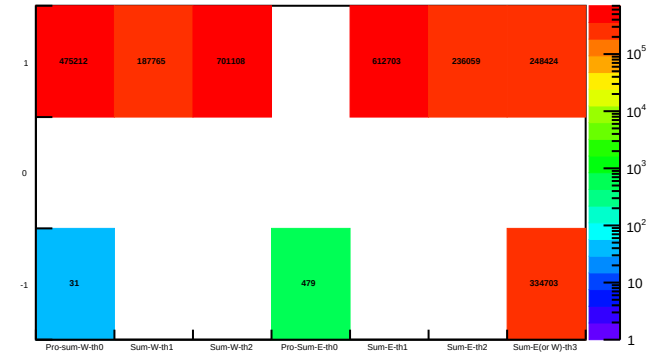
VT201 Input Ch2: ZDC Tac Diff



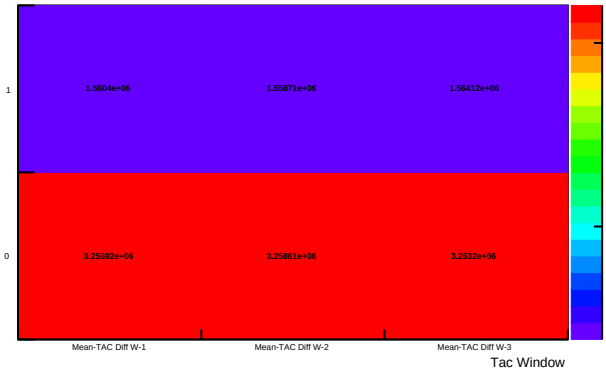
VT201 Input Ch2: ZDC Adc Sum Th



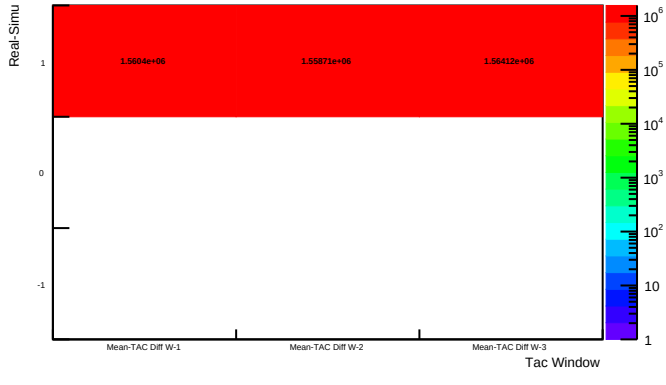
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



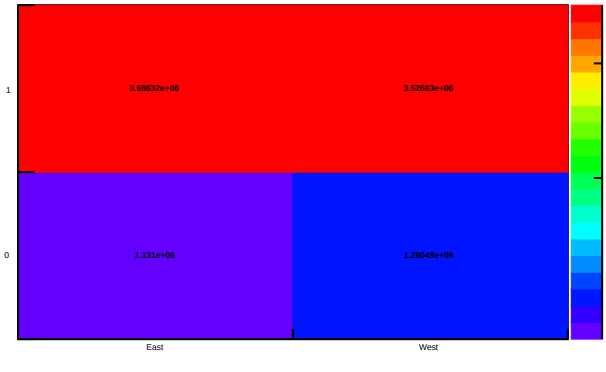
VT201 Input Ch4: VPD Tac Diff



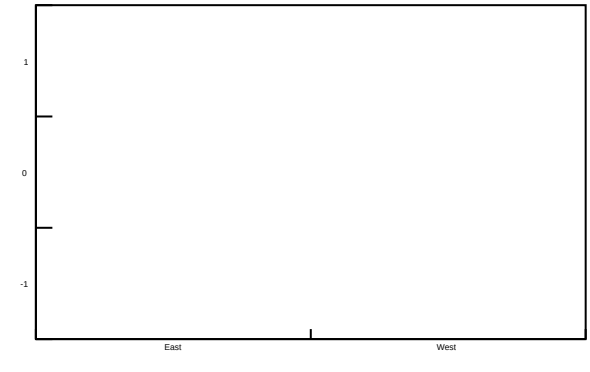
VT201 Input Ch4: VPD Tac Diff

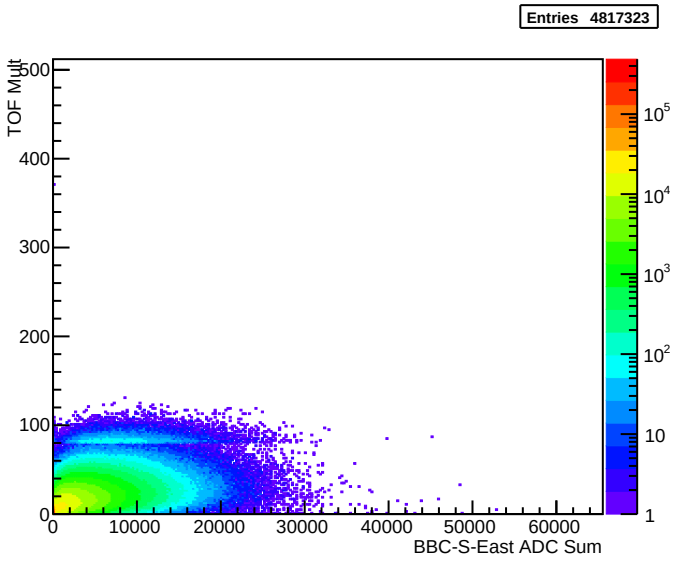


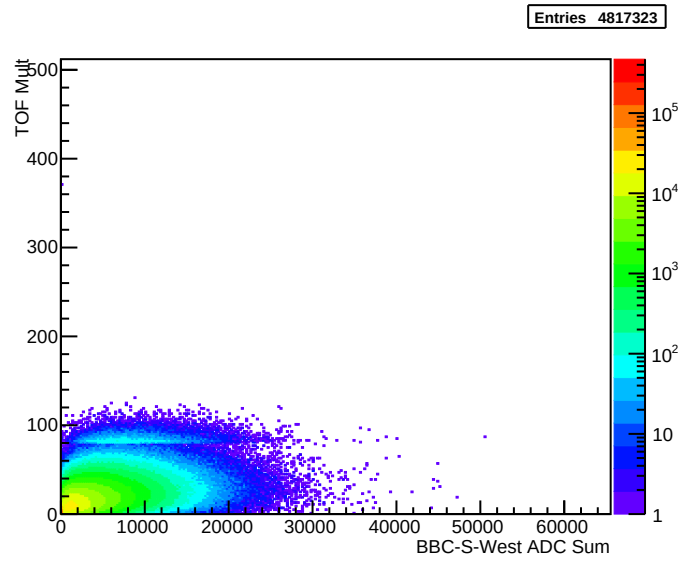
VT201 Input Ch4: VPD Adc Sum Th

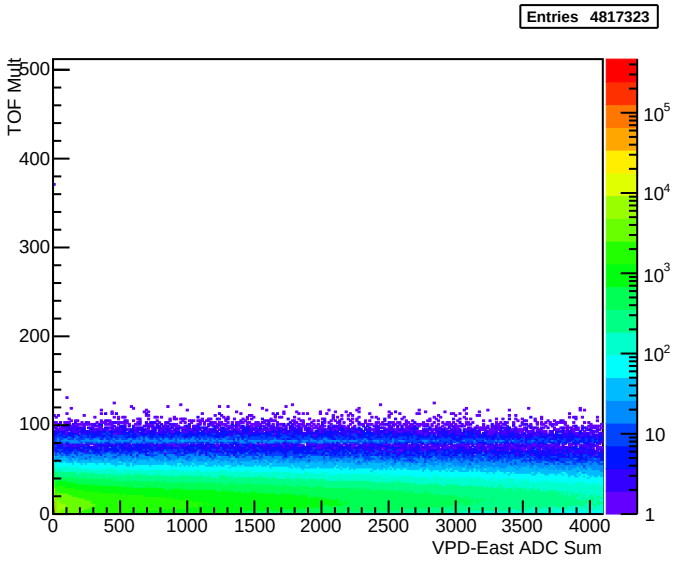


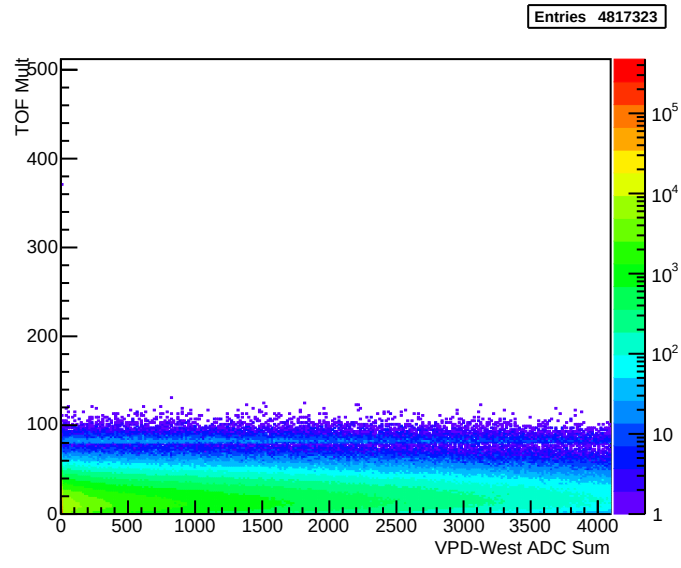
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

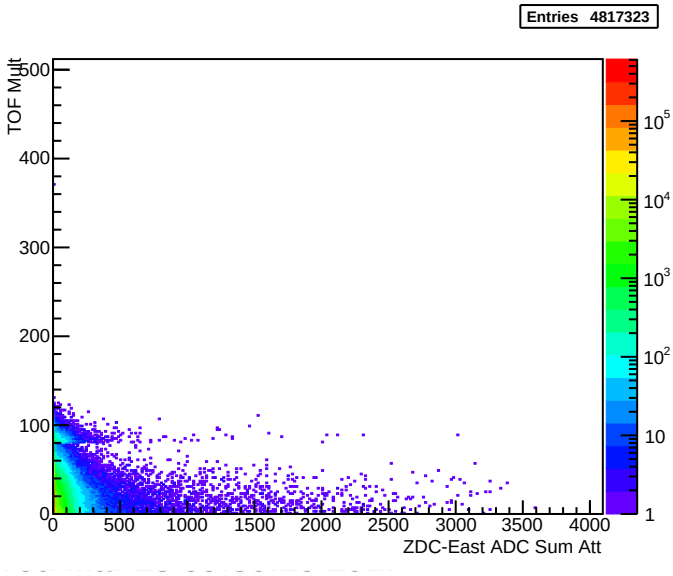


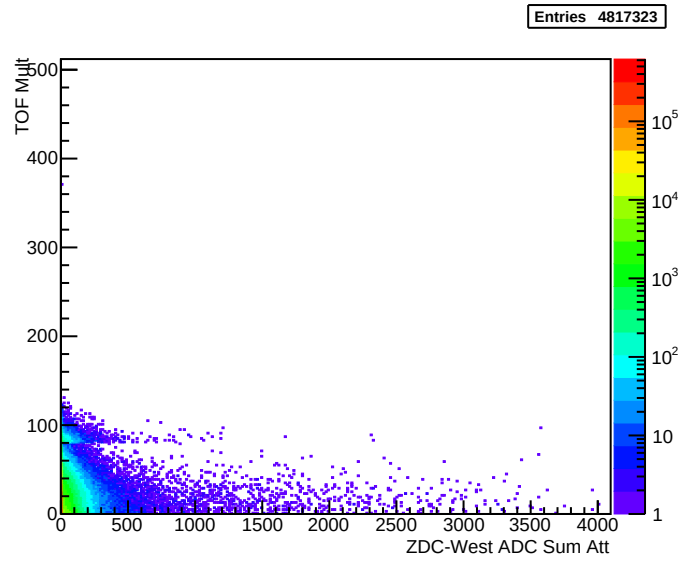

Entries 4817323
TOF Mult
BBC-S-East ADC Sum

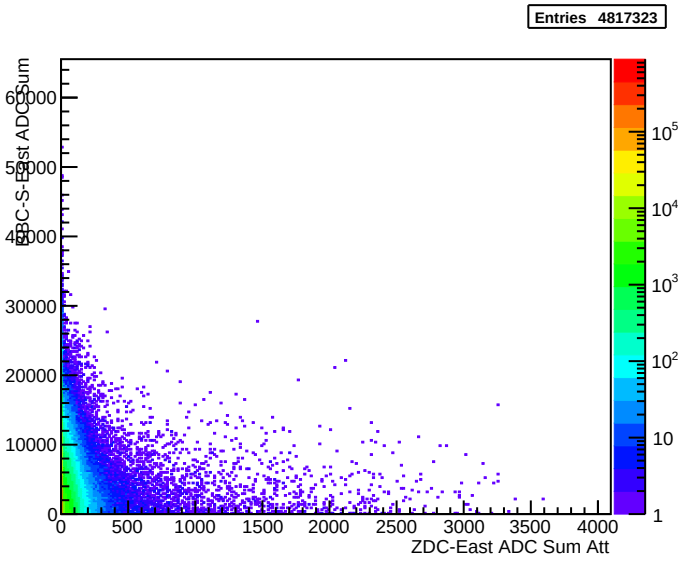

Entries 4817323
TOF Mult
BBC-S-West ADC Sum

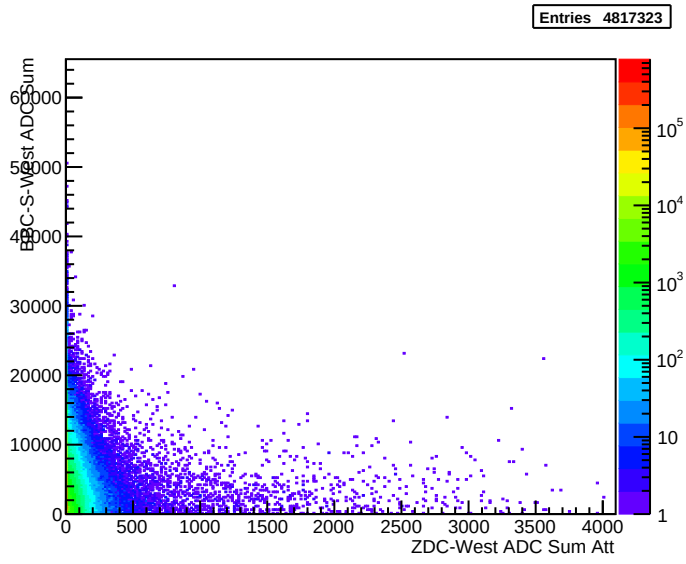

Entries 4817323
TOF Mult
VPD-East ADC Sum

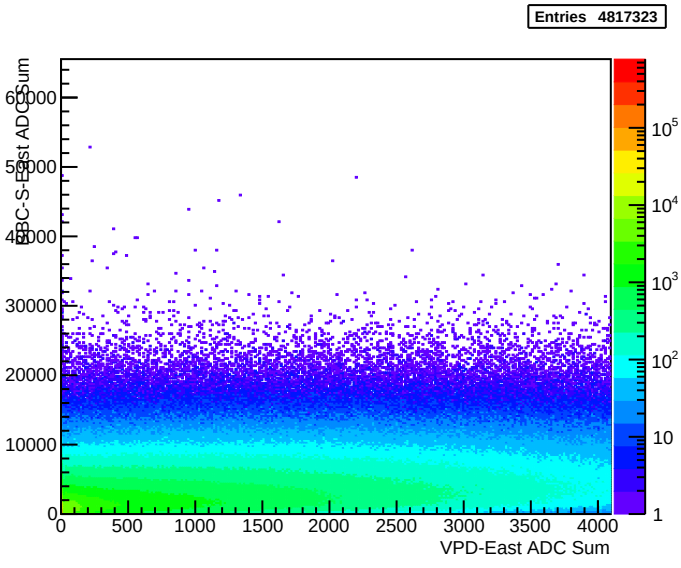

Entries 4817323
TOF Mult
VPD-West ADC Sum

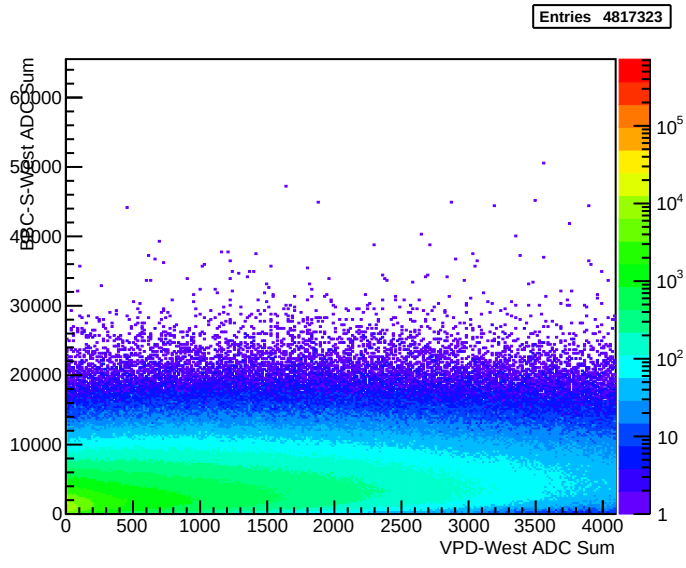

Entries 4817323
TOF Mult
ZDC-East ADC Sum Att

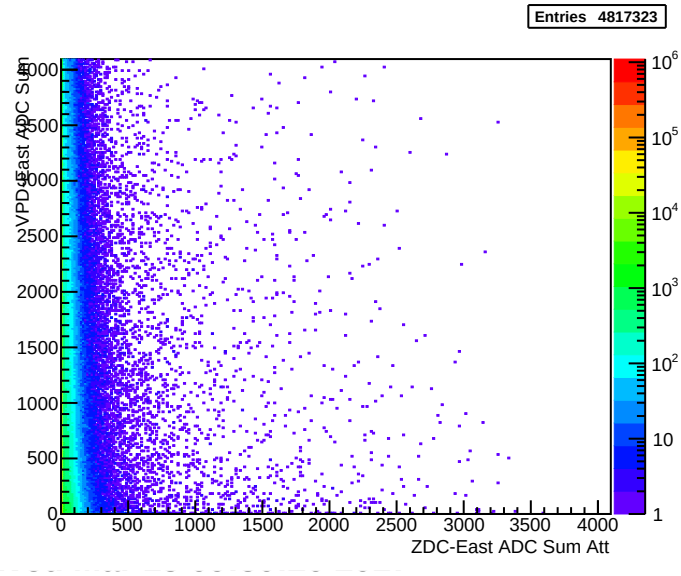

Entries 4817323
TOF Mult
ZDC-West ADC Sum Att

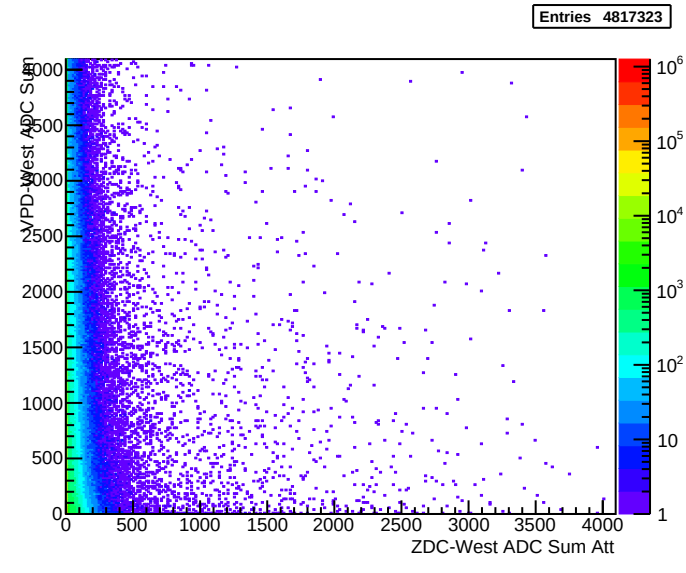

Entries 4817323
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

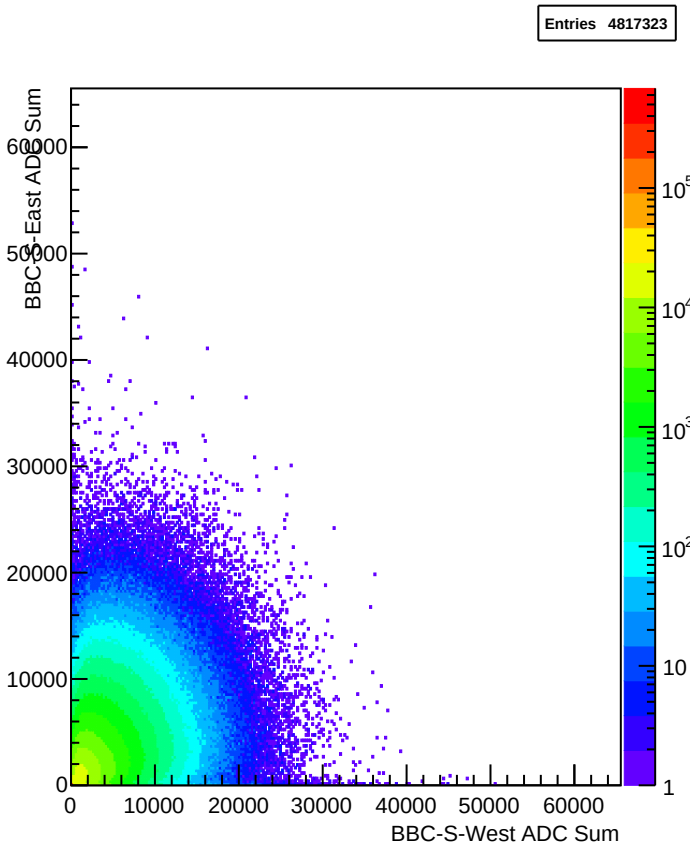

Entries 4817323
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

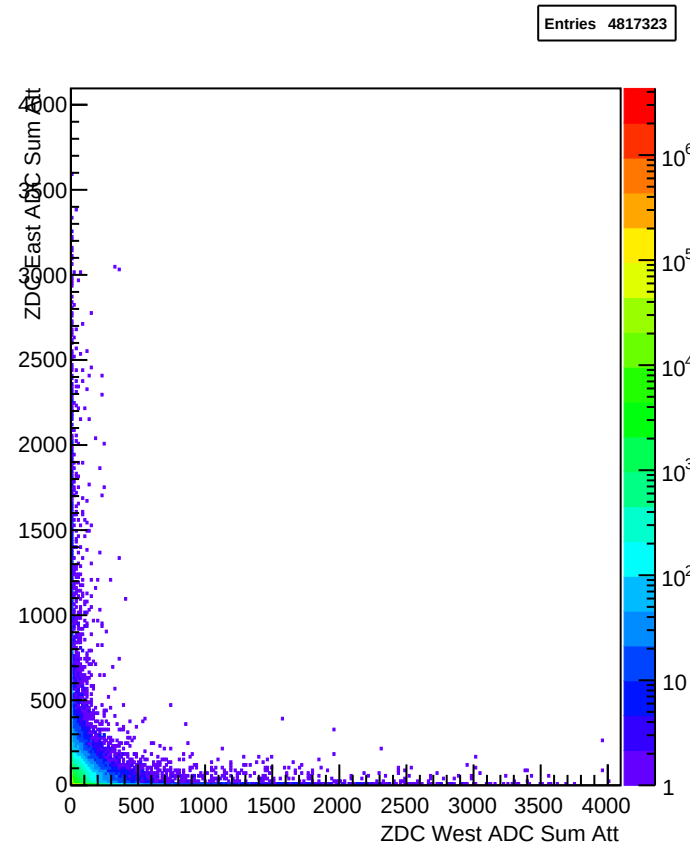

Entries 4817323
BBC-S-East ADC Sum
VPD-East ADC Sum

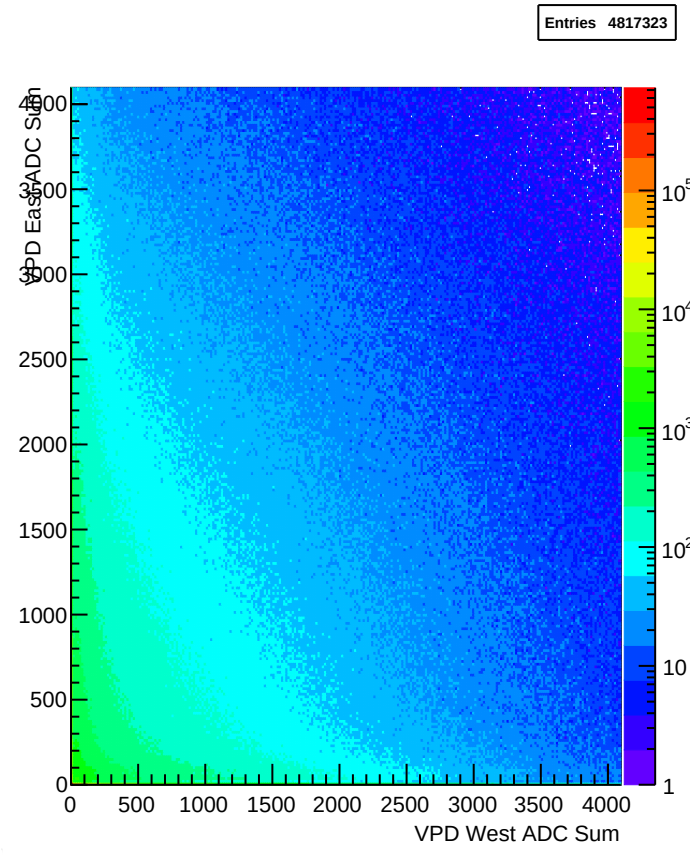

Entries 4817323
BBC-S-West ADC Sum
VPD-West ADC Sum

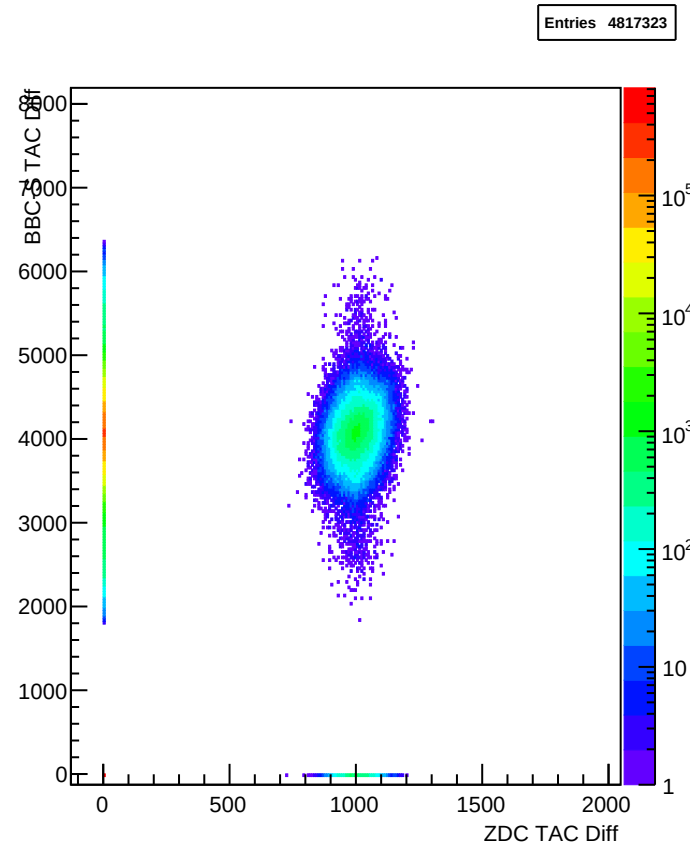

Entries 4817323
VPD-East ADC Sum
ZDC-East ADC Sum Att

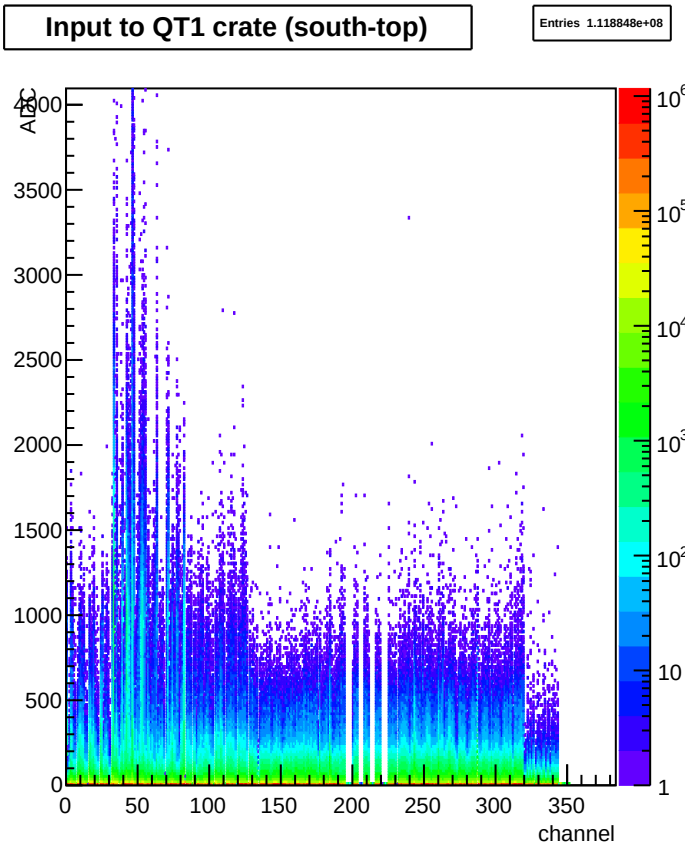

Entries 4817323
VPD-West ADC Sum
ZDC-West ADC Sum Att

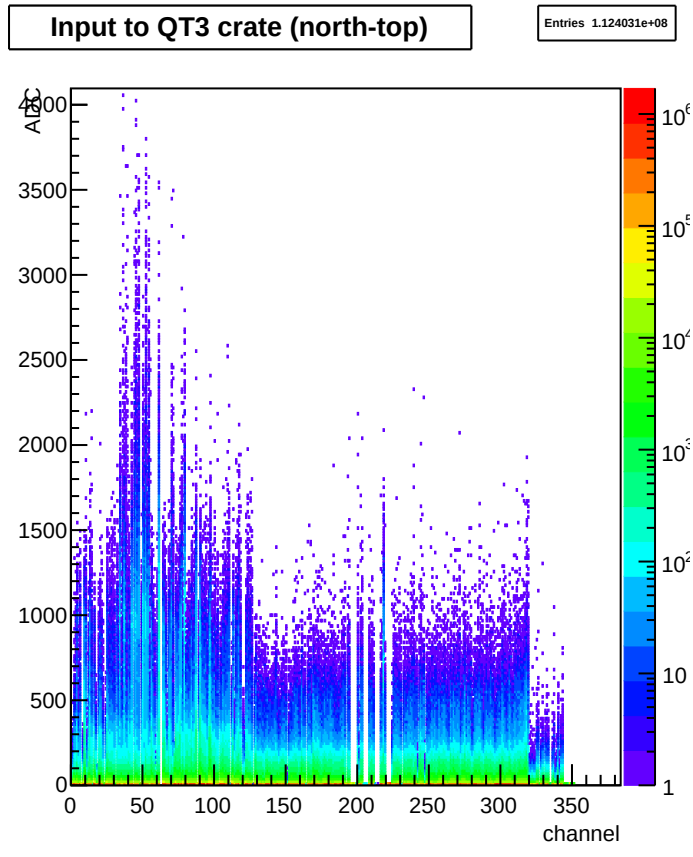

Entries 4817323
BBC-S-East ADC Sum
BBC-S-West ADC Sum

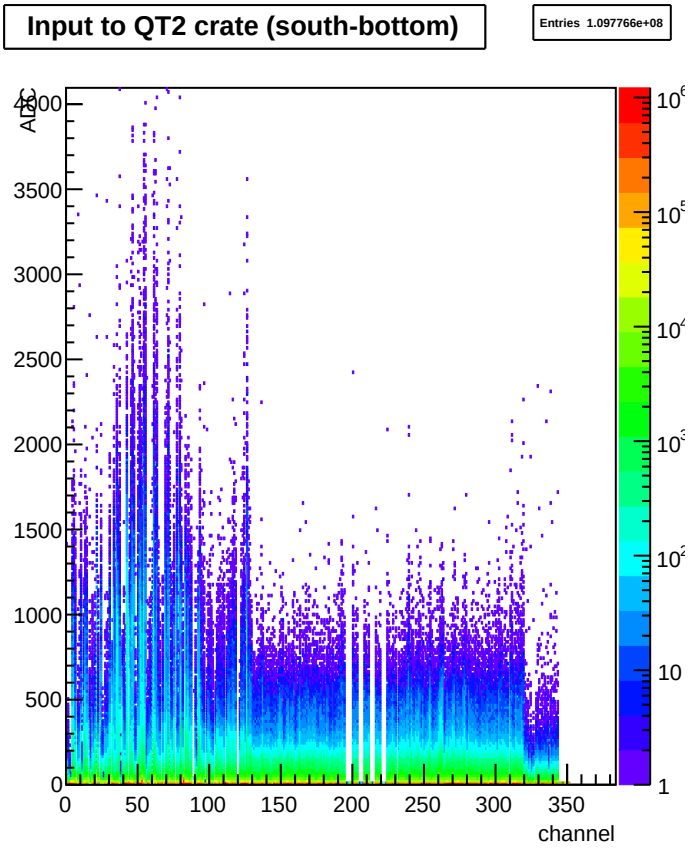

Entries 4817323
ZDC East ADC Sum Att
ZDC West ADC Sum Att

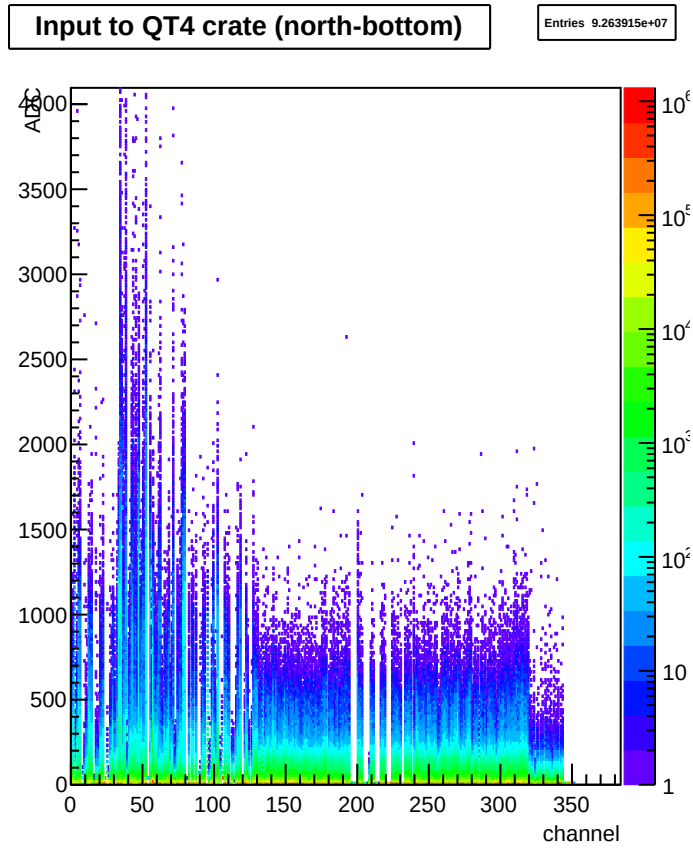

Entries 4817323
VPD East ADC Sum
VPD West ADC Sum

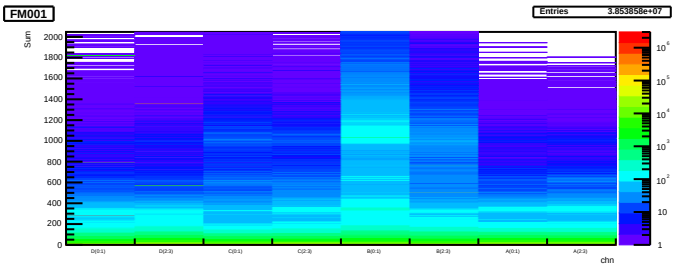

Entries 4817323
BBC-S TAC Diff
ZDC TAC Diff

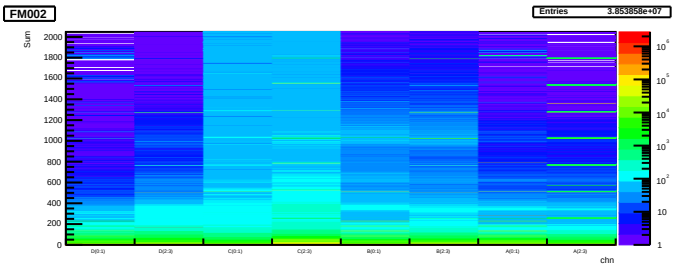

Input to QT1 crate (south-top)
Entries 1.118848e+08
ADC
channel


Input to QT3 crate (north-top)
Entries 1.124031e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 1.097766e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 9.263915e+07
ADC
channel


FM001
Entries 3.853858e+07
Sum
chn


FM002
Entries 3.853858e+07
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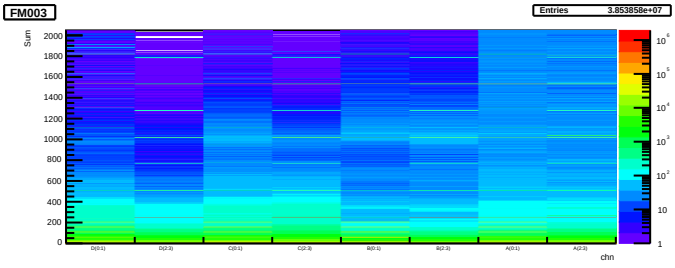
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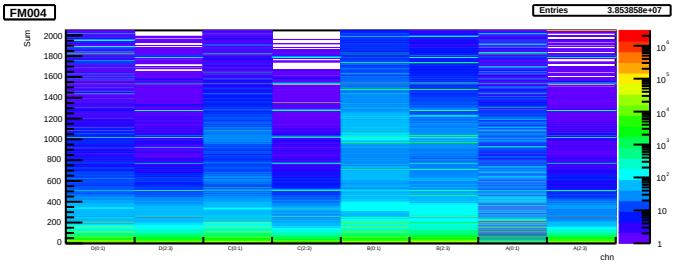
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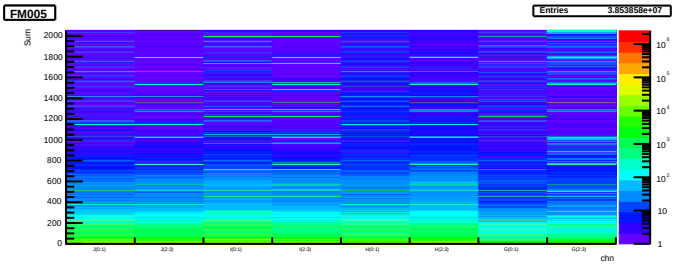
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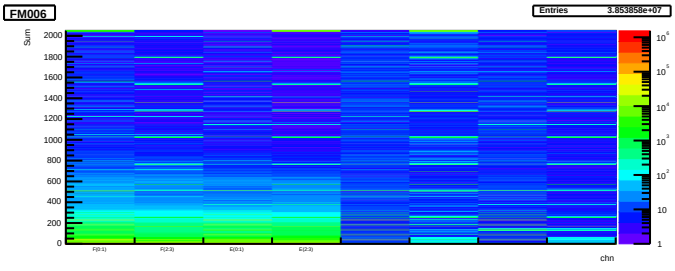
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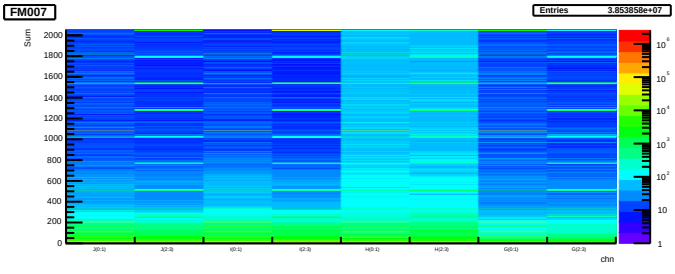
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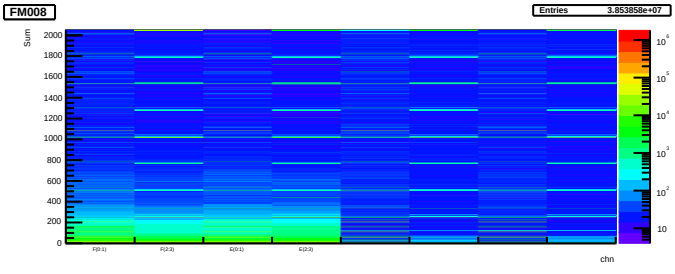
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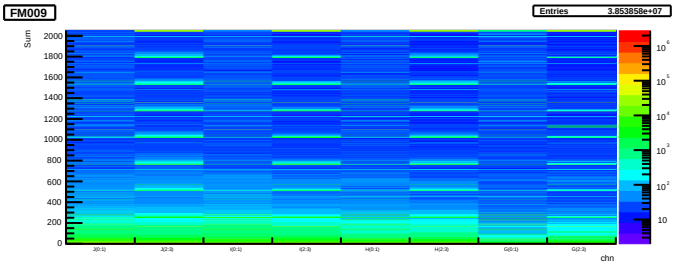
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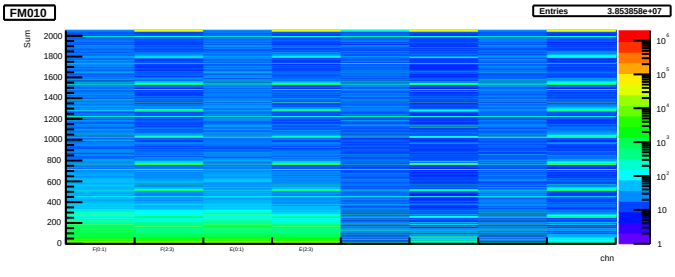
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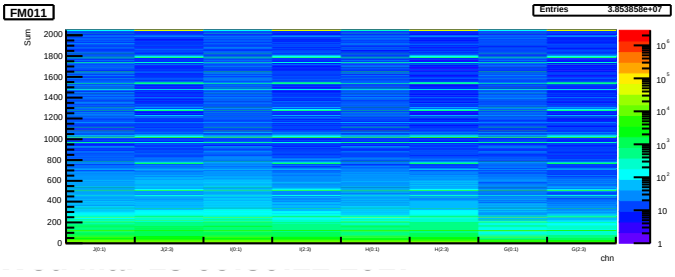
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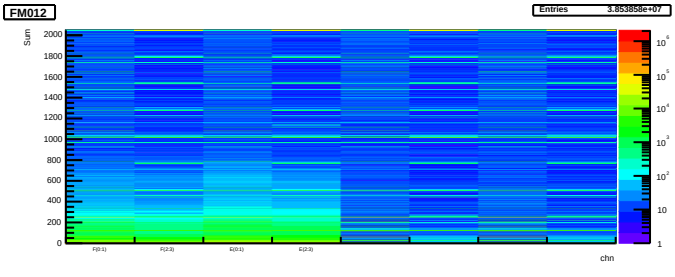
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Entries 3.853858e+07
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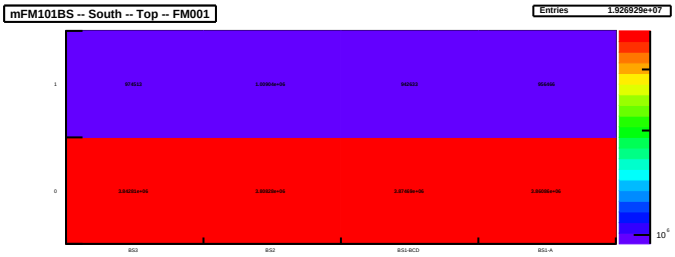
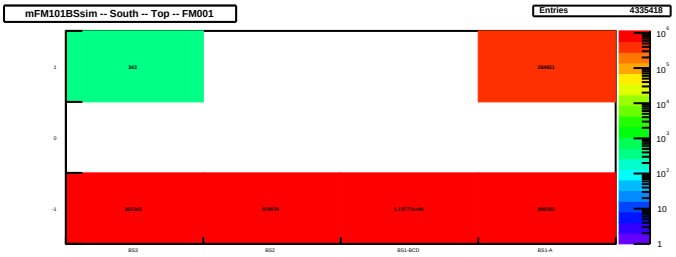

mFM101BS -- South -- Top -- FM001
Entries 1.926929e+07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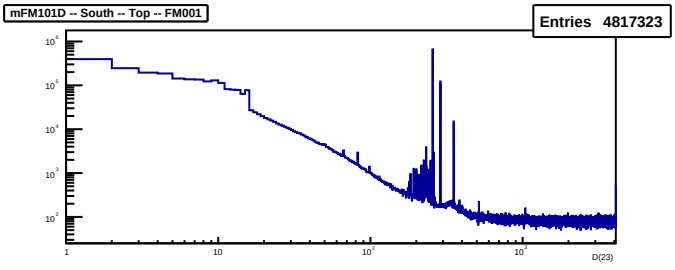
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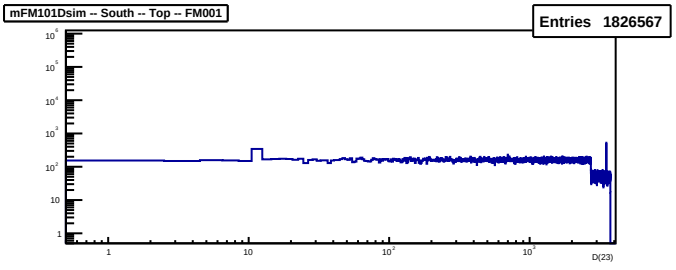
Entries 4817323
D(23)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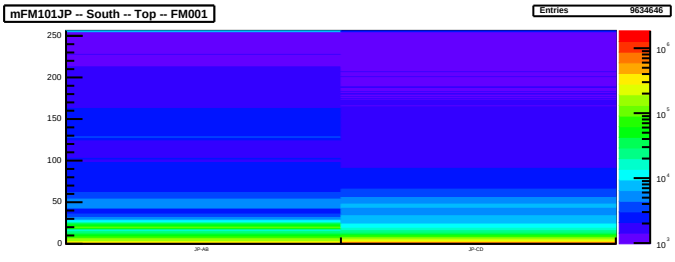
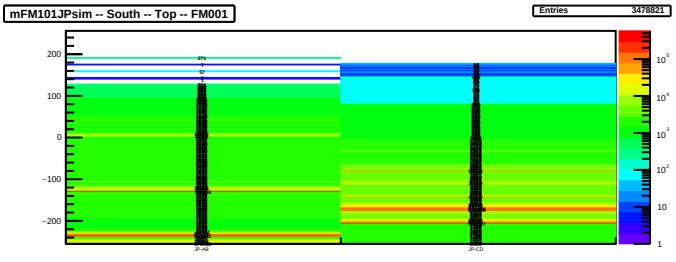

mFM101JP -- South -- Top -- FM001
Entries 9634646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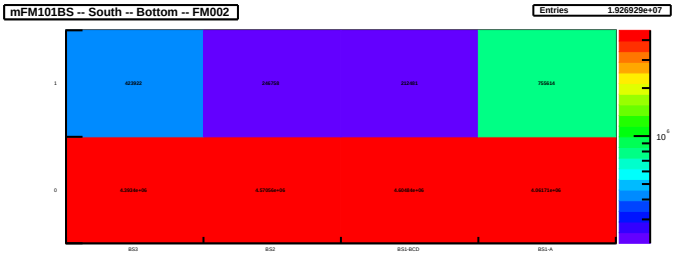
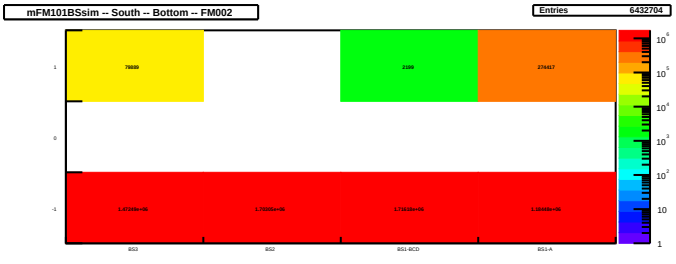

mFM101BS -- South -- Bottom -- FM002
Entries 1.926929e+07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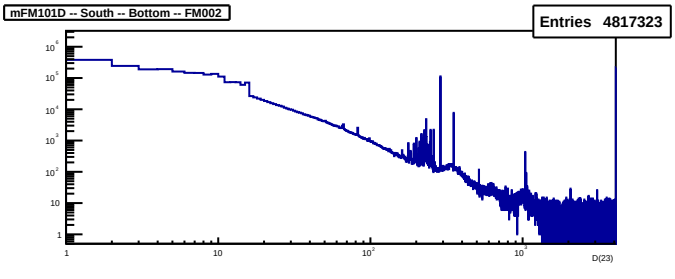
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Entries 4817323
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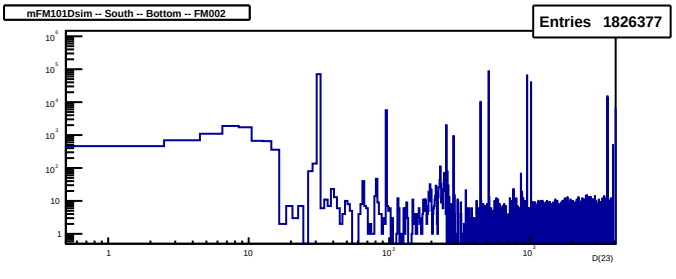
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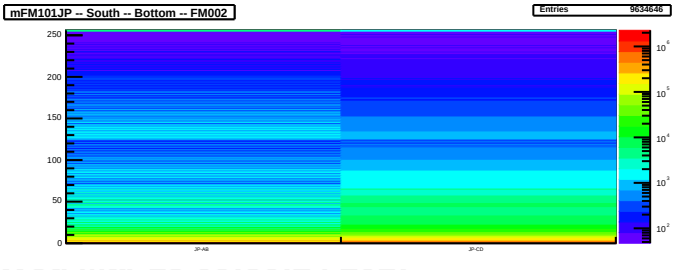
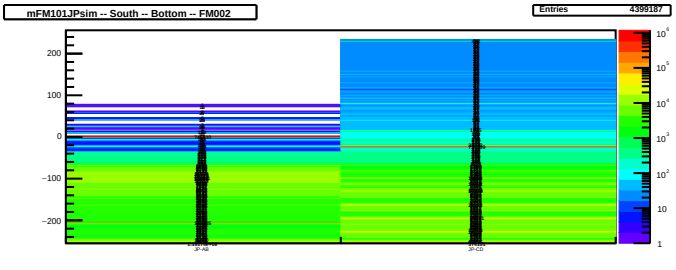

mFM101JP -- South -- Bottom -- FM002
Entries 9634646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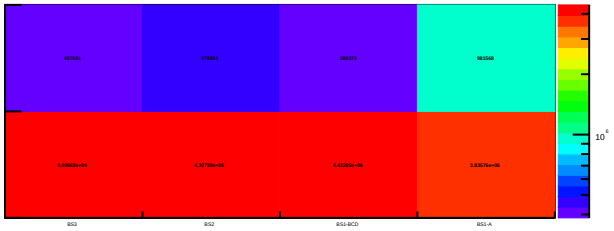

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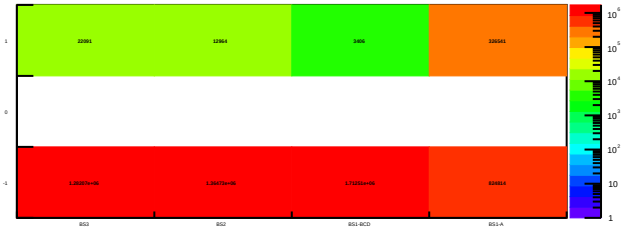

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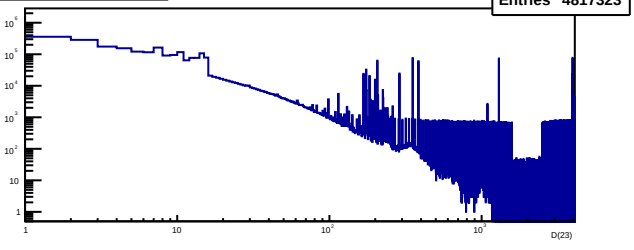

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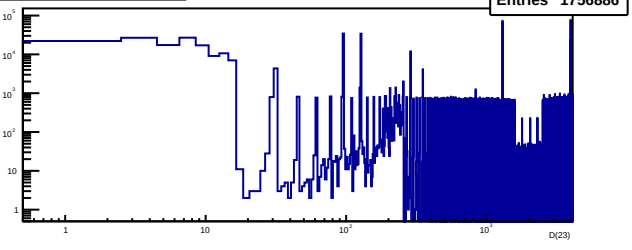

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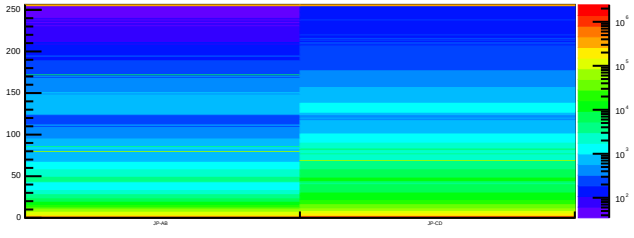

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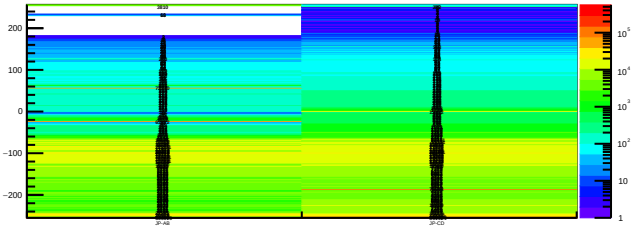

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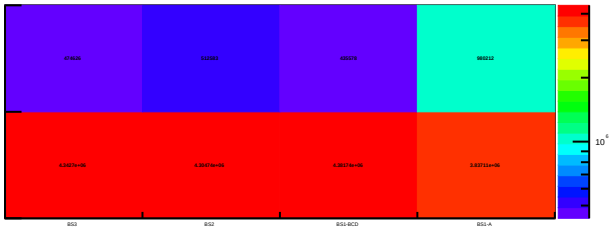

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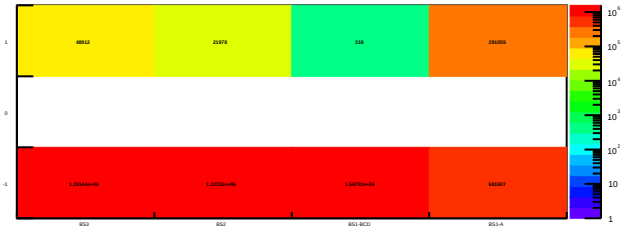

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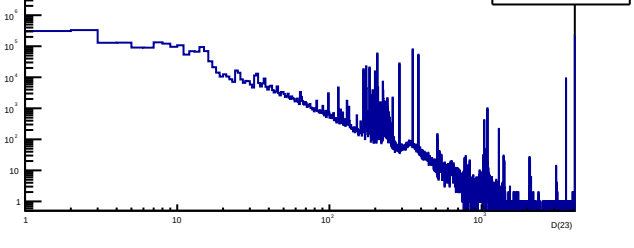

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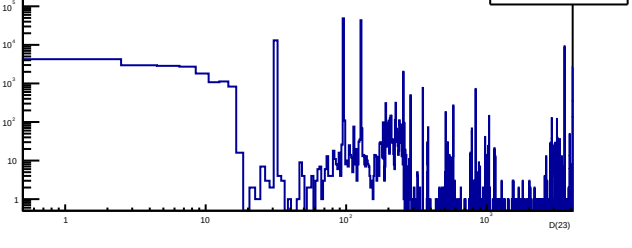

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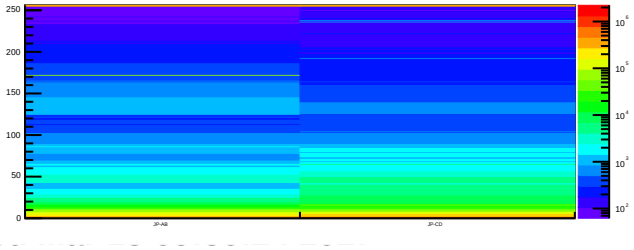

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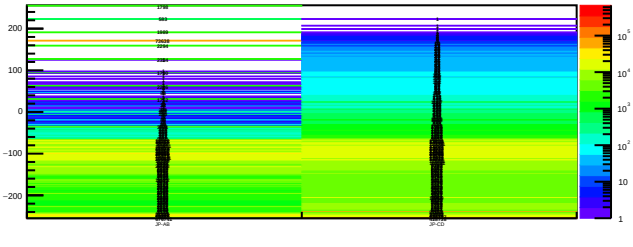

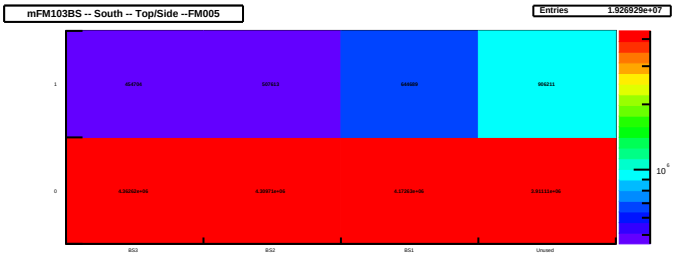
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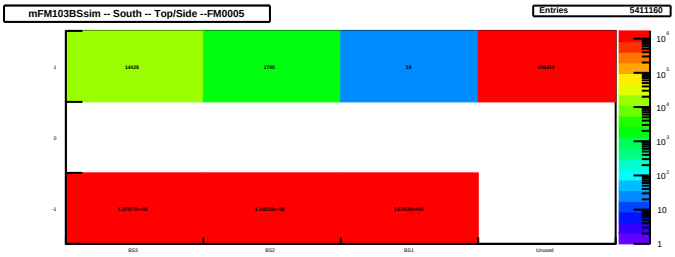
Entries 1.926929e+07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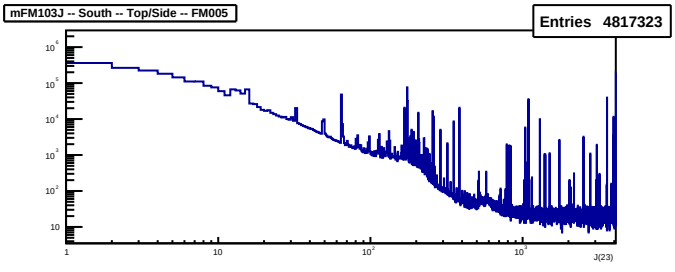
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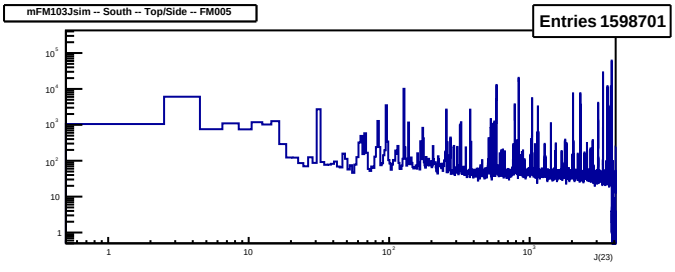
Entries 4817323
J(23)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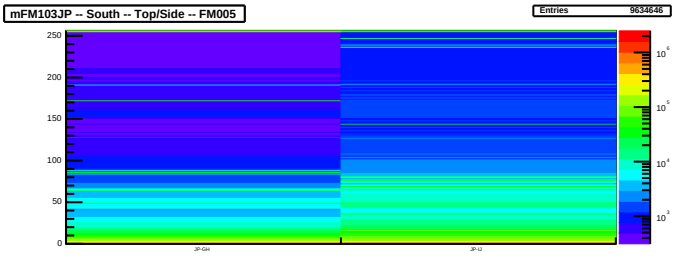
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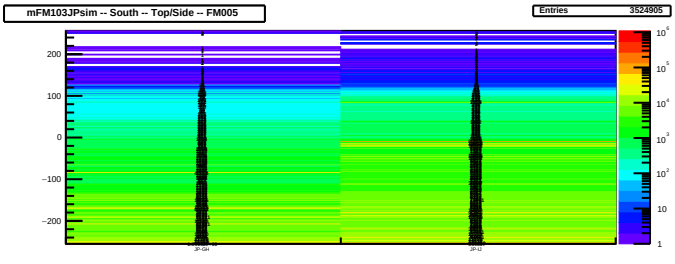
Entries 9634646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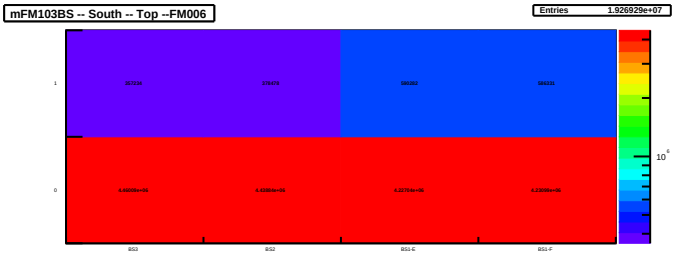
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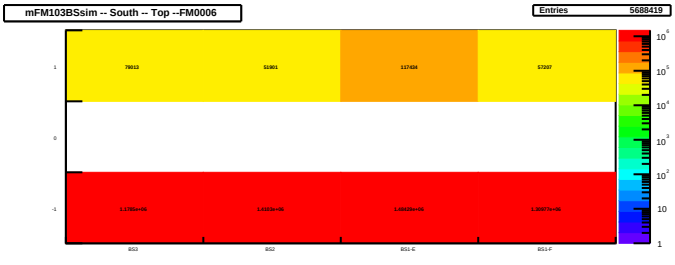
Entries 1.926929e+07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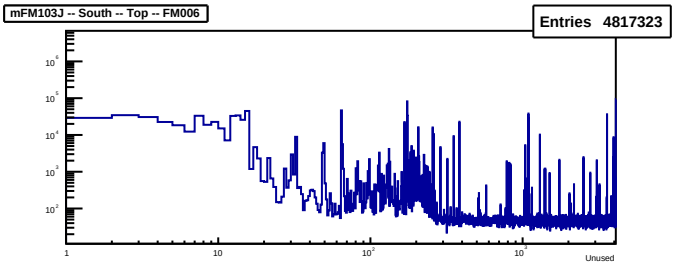
mFM103J -- South -- Top -- FM006
Entries 4817323
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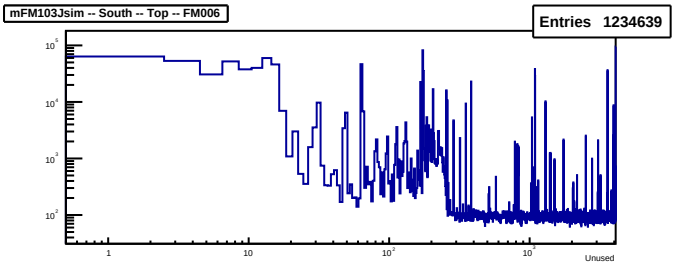
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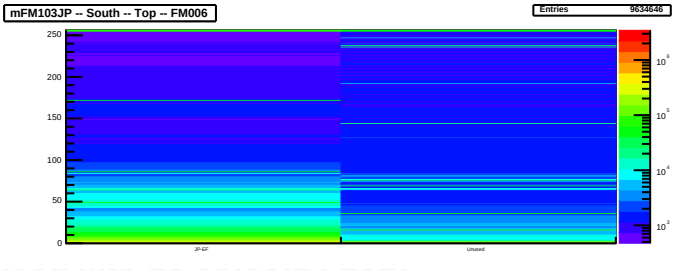
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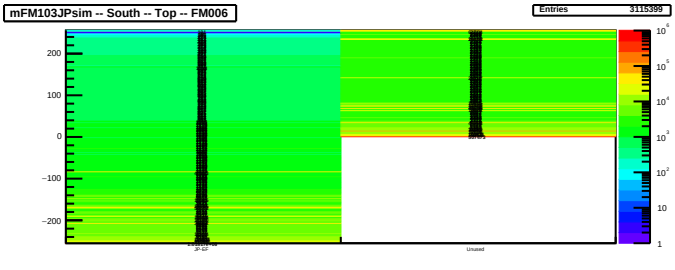
Entries 9634646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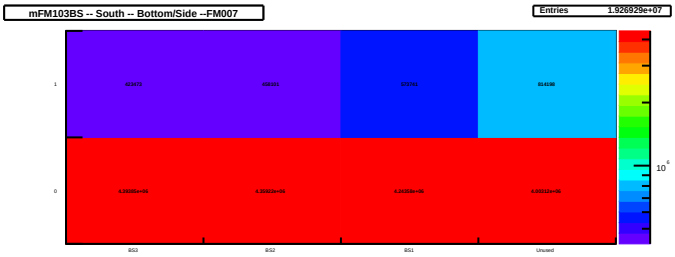
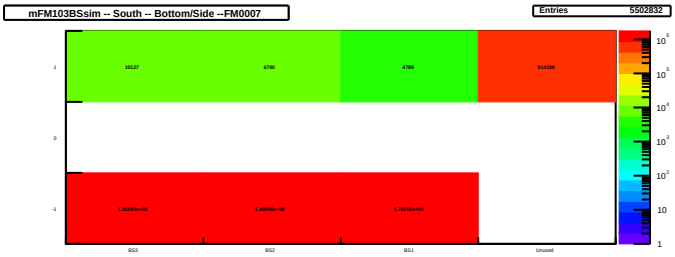

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.926929e+07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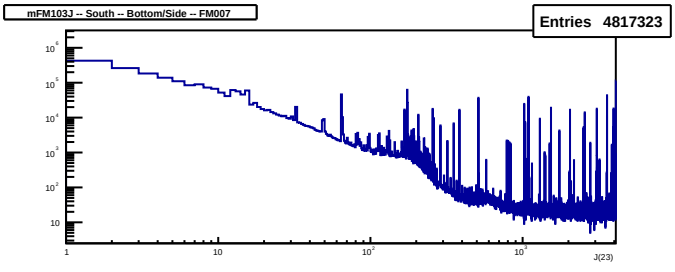
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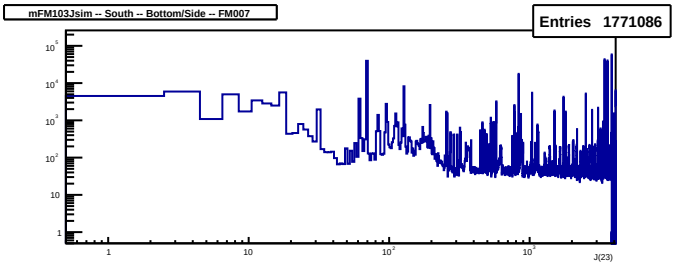
Entries 4817323
J(23)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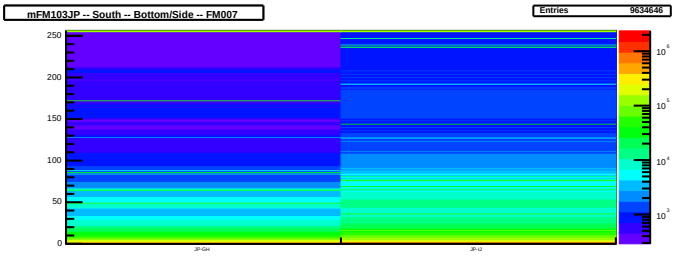
J(23)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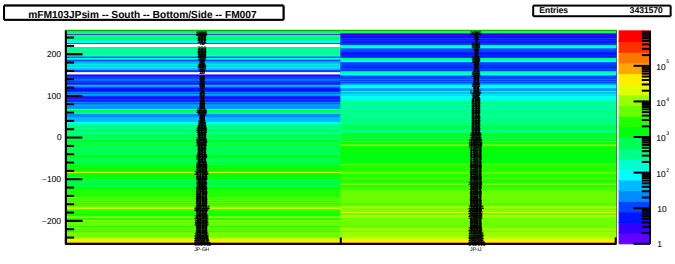
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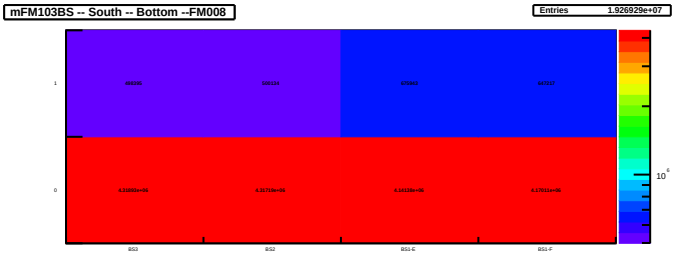
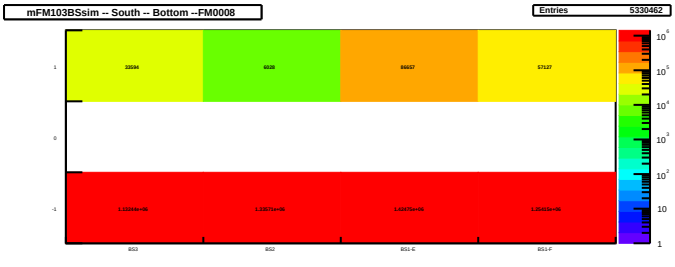
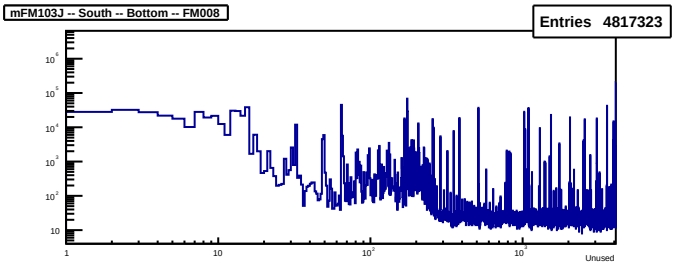
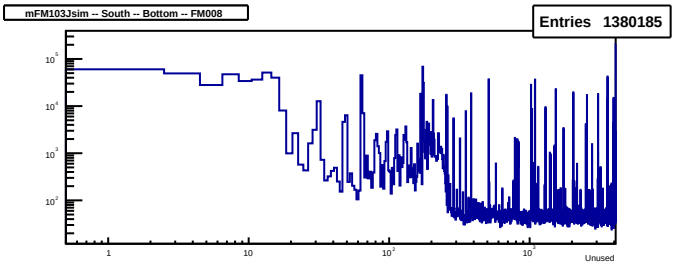
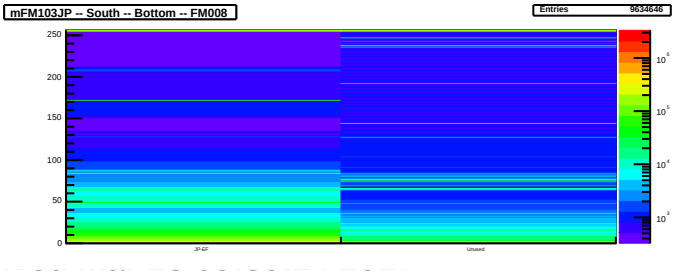
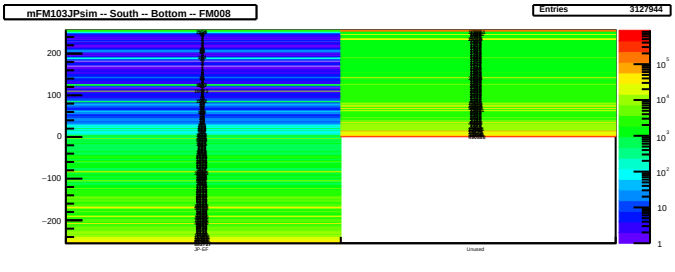

mFM103BS -- South -- Bottom --FM008
Entries 1.926929e+07

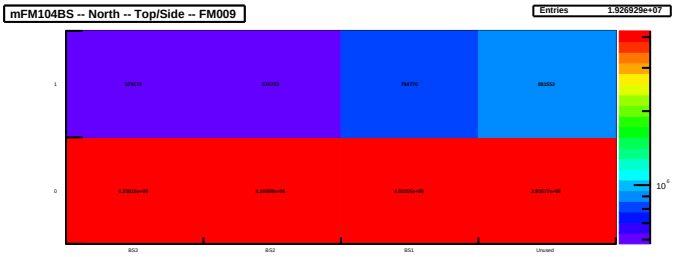

mFM103BSsim -- South -- Bottom --FM0008
Entries 5330462

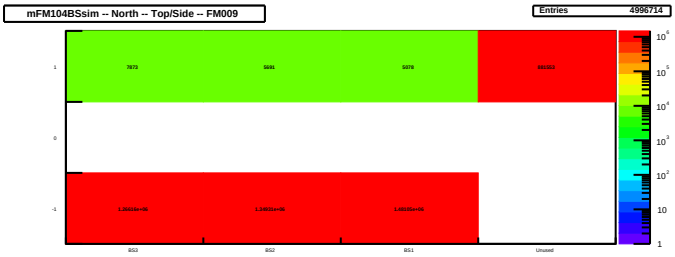

mFM103J -- South -- Bottom -- FM008
Entries 4817323
Unused

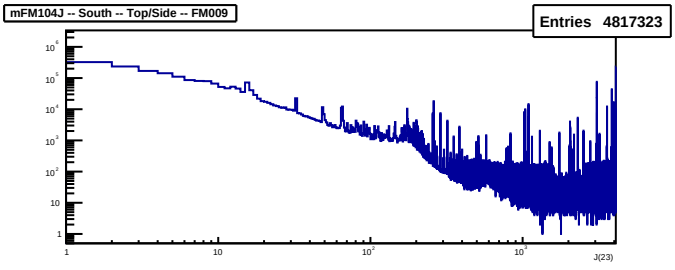

mFM103Jsim -- South -- Bottom -- FM008
Entries 1380185
Unused

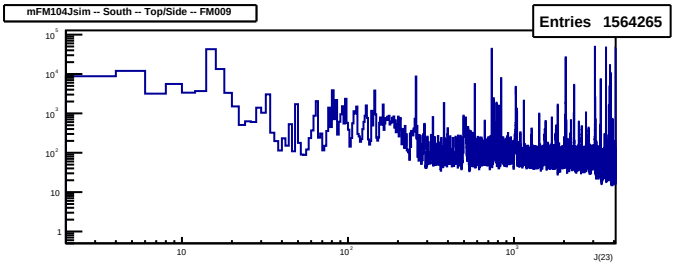

mFM103JP -- South -- Bottom -- FM008
Entries 9634646

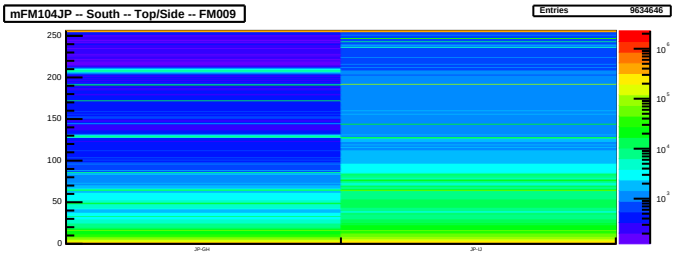

mFM103JPsim -- South -- Bottom -- FM008
Entries 3127944

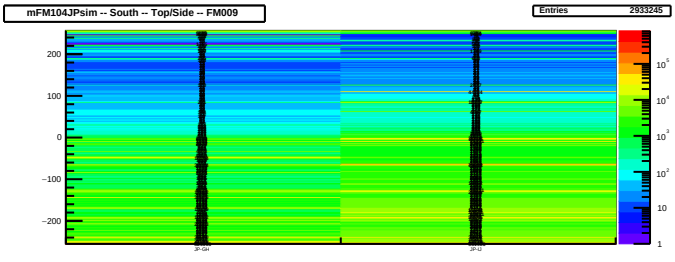

mFM104BS -- North -- Top/Side -- FM009
Entries 1.926929e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 4996714


mFM104J -- South -- Top/Side -- FM009
Entries 4817323
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1564265
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 9634646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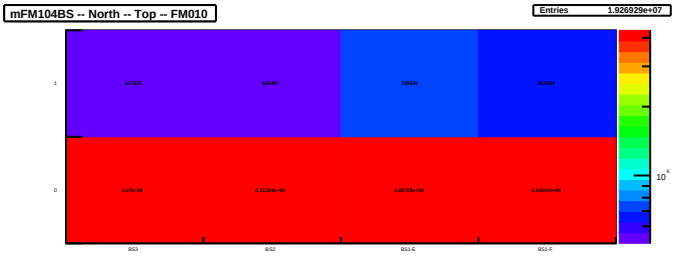
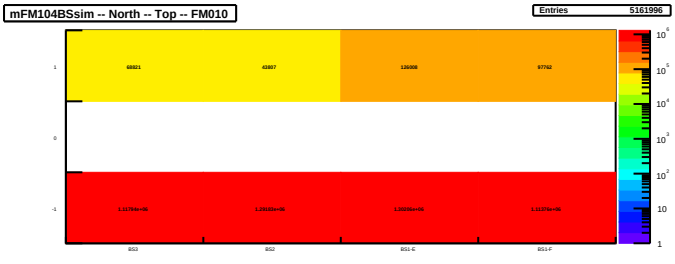
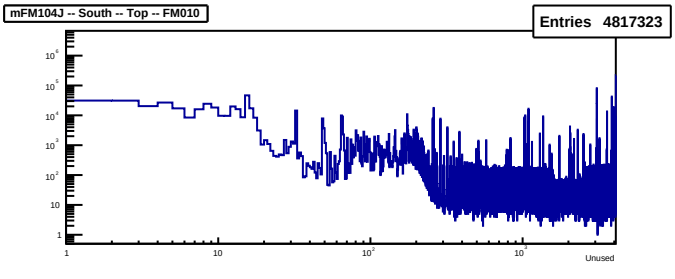
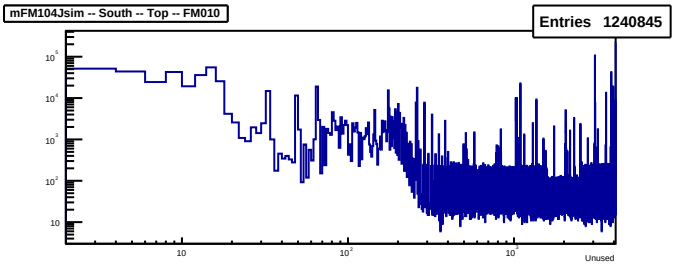
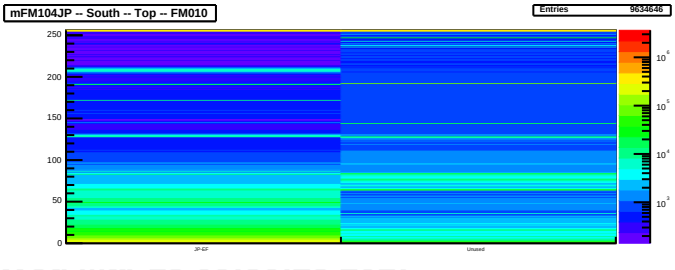
Entries 2933245

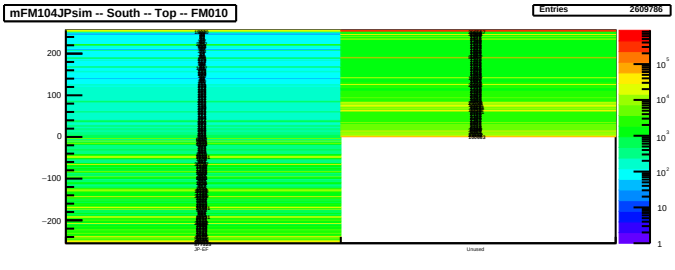

mFM104BS -- North -- Top -- FM010
Entries 1.926929e+07

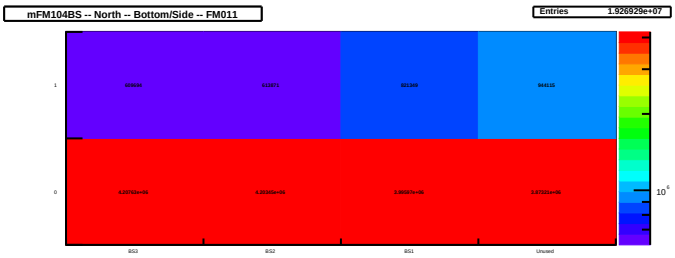

mFM104BSsim -- North -- Top -- FM010
Entries 5161996

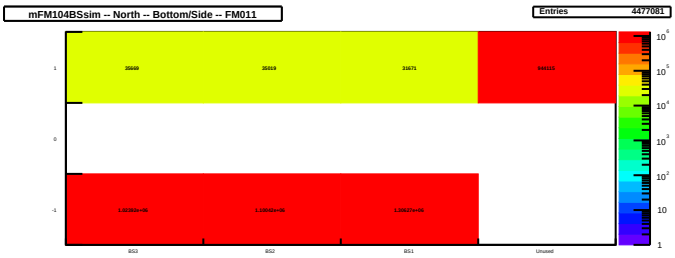

mFM104J -- South -- Top -- FM010
Entries 4817323
Unused

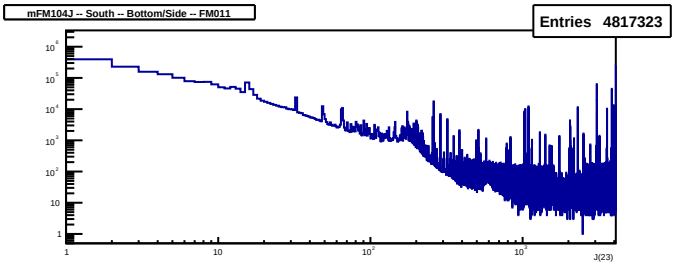

mFM104Jsim -- South -- Top -- FM010
Entries 1240845
Unused

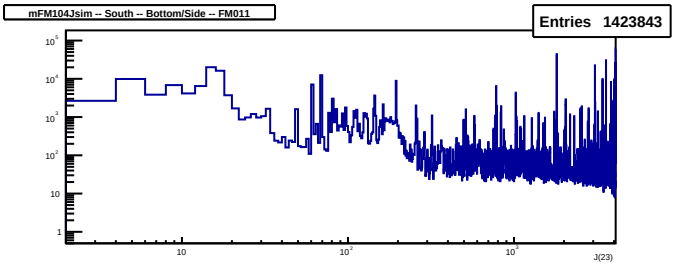

mFM104JP -- South -- Top -- FM010
Entries 9634646

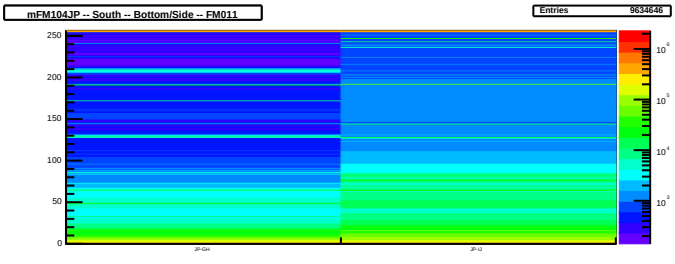

mFM104JPsim -- South -- Top -- FM010
Entries 2609786

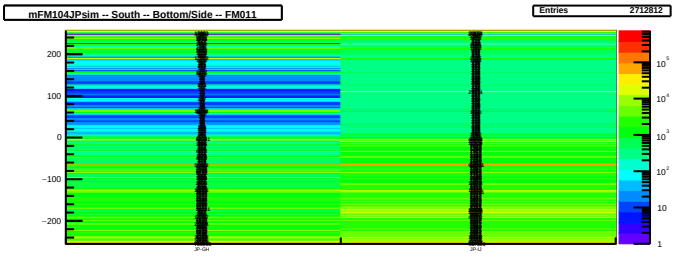

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.926929e+07

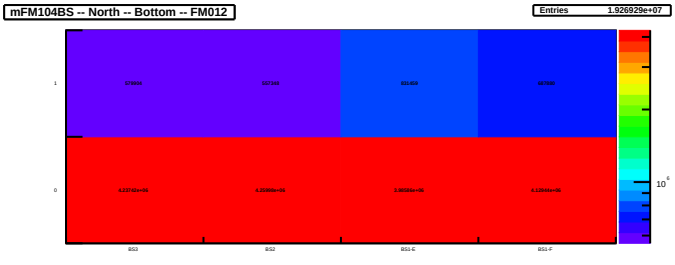

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4477081

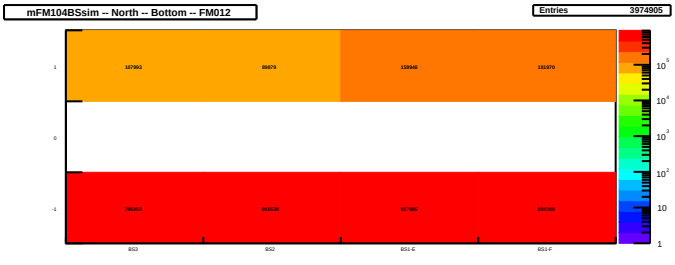

mFM104J -- South -- Bottom/Side -- FM011
Entries 4817323
J(23)

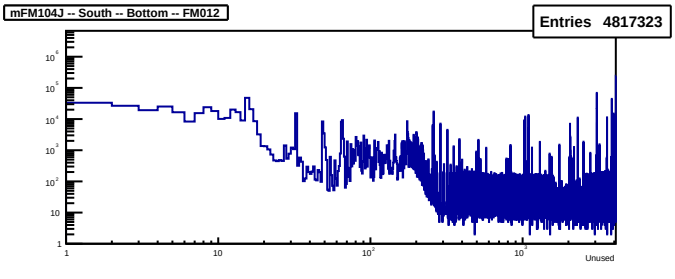

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1423843
J(23)

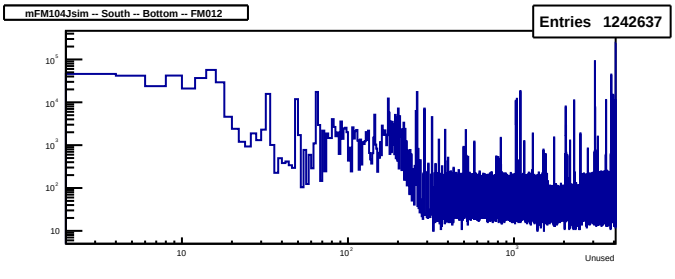

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9634646


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2712812


mFM104BS -- North -- Bottom -- FM012
Entries 1.926929e+07


mFM104BSsim -- North -- Bottom -- FM012
Entries 3974905


mFM104J -- South -- Bottom -- FM012
Entries 4817323
Unused


mFM104Jsim -- South -- Bottom -- FM012
Entries 1242637
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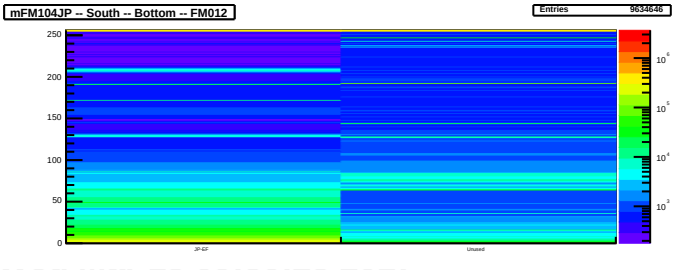
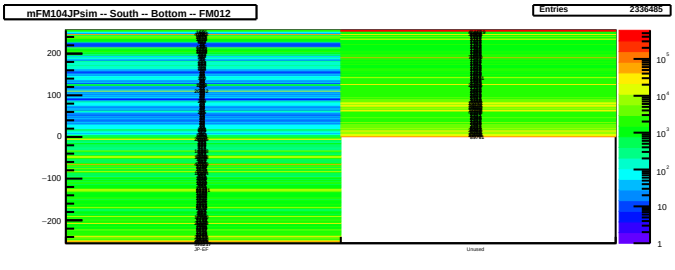
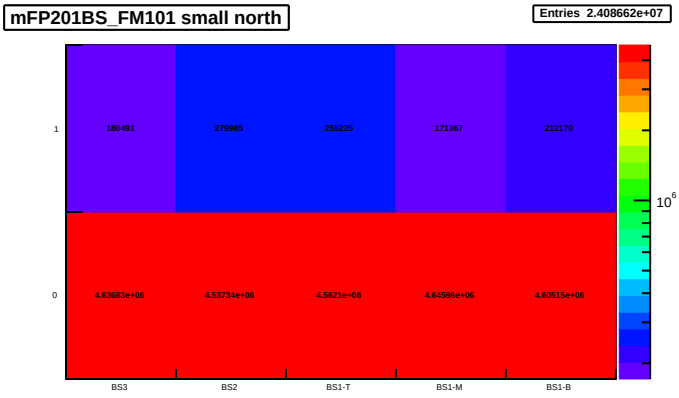
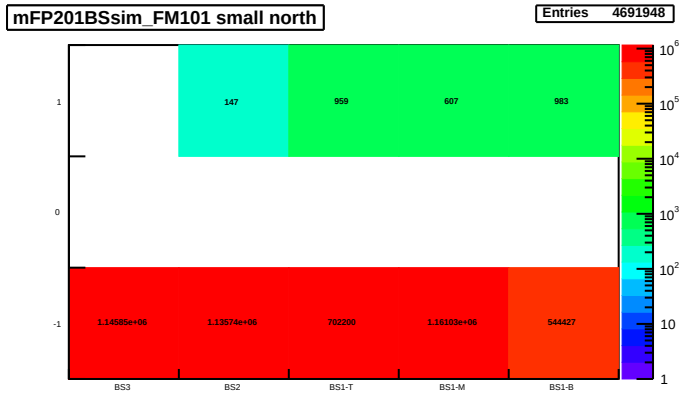
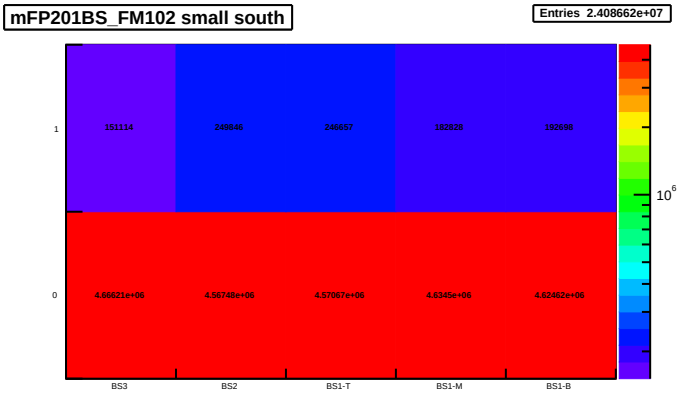
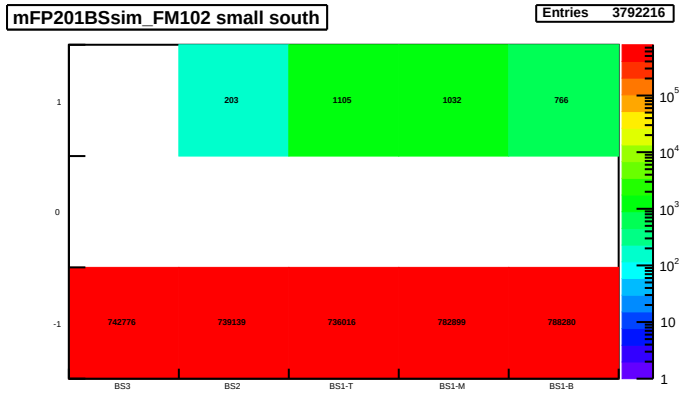

mFM104JP -- South -- Bottom -- FM012
Entries 9634646

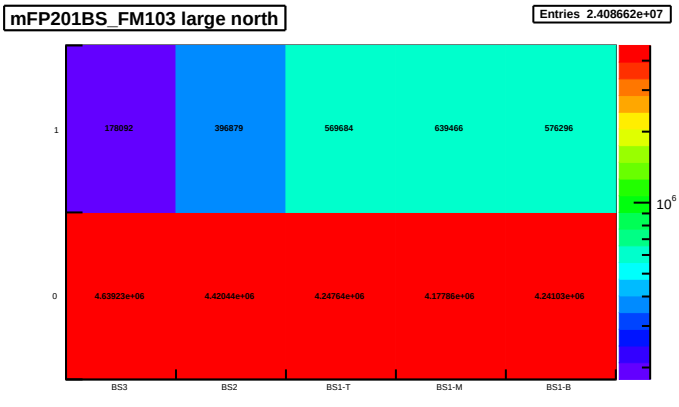

mFM104JPsim -- South -- Bottom -- FM012
Entries 2336485

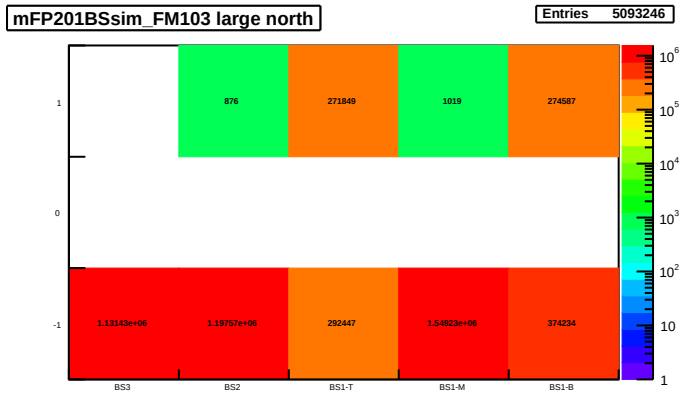

mFP201BS_FM101 small north
Entries 2.408662e+07
180491
279985
255225
171367
212170
4.63683e+06
4.53734e+06
4.5621e+06
4.64596e+06
4.60515e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

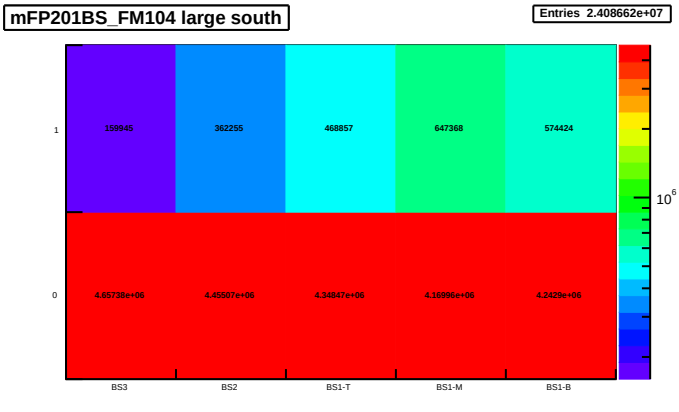

mFP201BSsim_FM101 small north
Entries 4691948
147
959
607
983
1.14585e+06
1.13574e+06
702200
1.16103e+06
544427
BS3
BS2
BS1-T
BS1-M
BS1-B

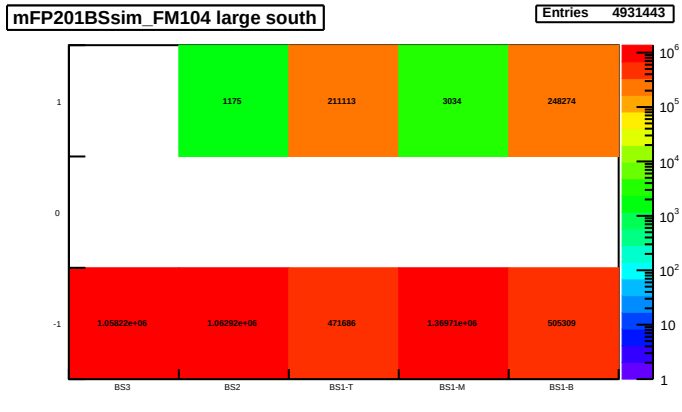

mFP201BS_FM102 small south
Entries 2.408662e+07
151114
249846
246657
182828
192698
4.66621e+06
4.56748e+06
4.57067e+06
4.6345e+06
4.62462e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

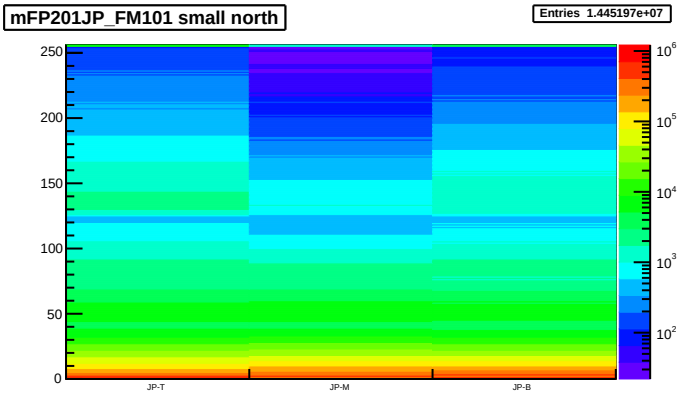

mFP201BSsim_FM102 small south
Entries 3792216
203
1105
1032
766
742776
739139
736016
782899
788280
BS3
BS2
BS1-T
BS1-M
BS1-B

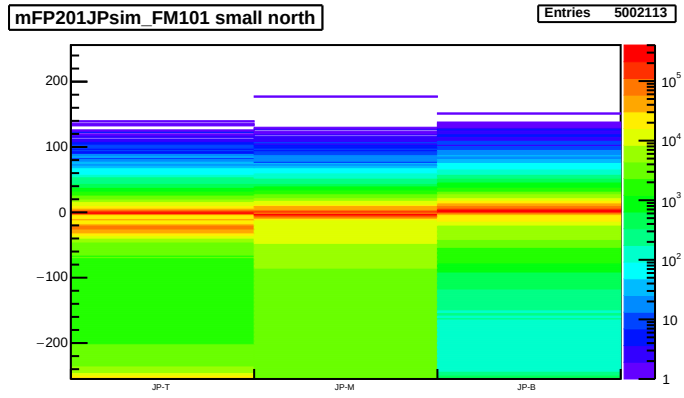

mFP201BS_FM103 large north
Entries 2.408662e+07
178092
396879
569684
639466
576296
4.63923e+06
4.42044e+06
4.24764e+06
4.17786e+06
4.24103e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

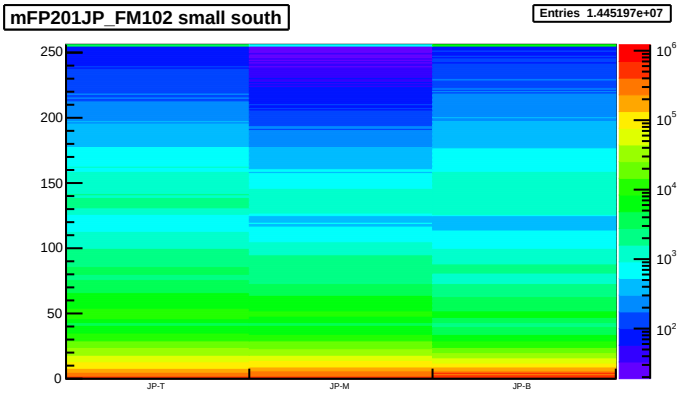

mFP201BSsim_FM103 large north
Entries 5093246
876
271849
1019
274587
1.13143e+06
1.19757e+06
292447
1.54923e+06
374234
BS3
BS2
BS1-T
BS1-M
BS1-B

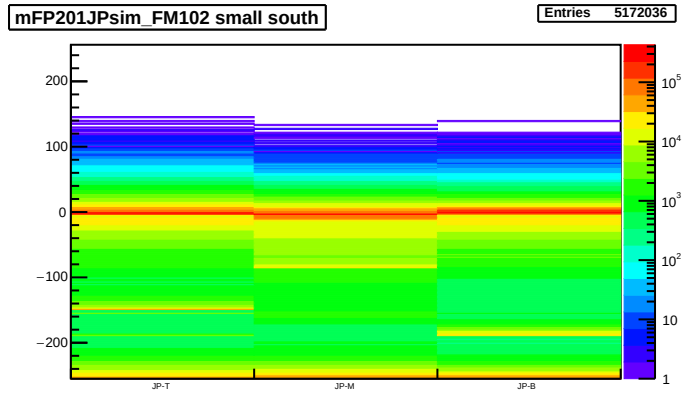

mFP201BS_FM104 large south
Entries 2.408662e+07
159945
362255
468857
647368
574424
4.65738e+06
4.45507e+06
4.34847e+06
4.16996e+06
4.2429e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

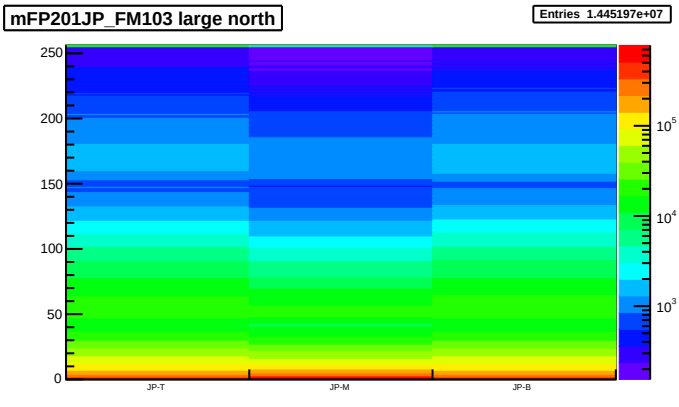

mFP201BSsim_FM104 large south
Entries 4931443
1175
211113
3034
248274
1.05822e+06
1.06292e+06
471686
1.36971e+06
505309
BS3
BS2
BS1-T
BS1-M
BS1-B

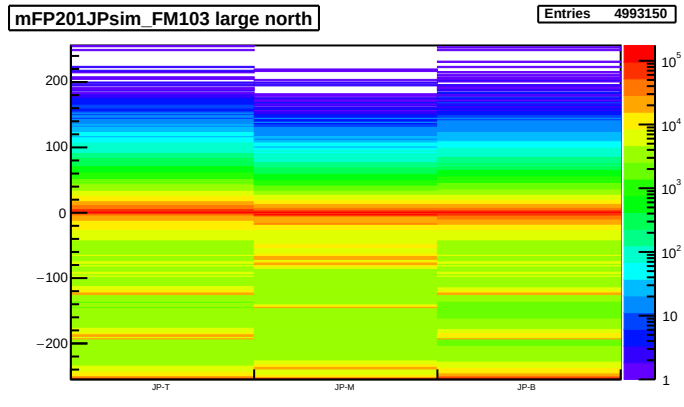

mFP201JP_FM101 small north
Entries 1.445197e+07
JP-T
JP-M
JP-B

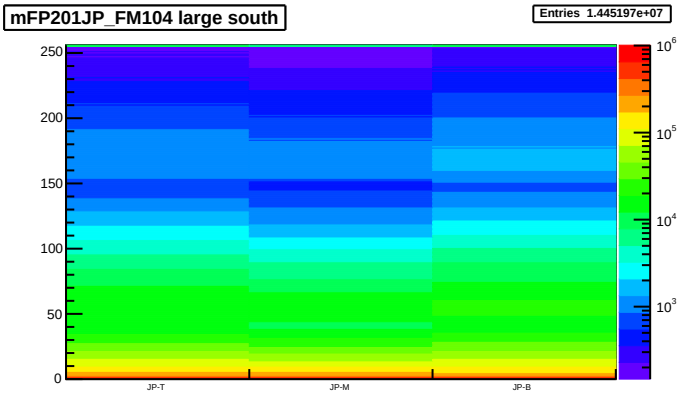

mFP201JPsim_FM101 small north
Entries 5002113
JP-T
JP-M
JP-B

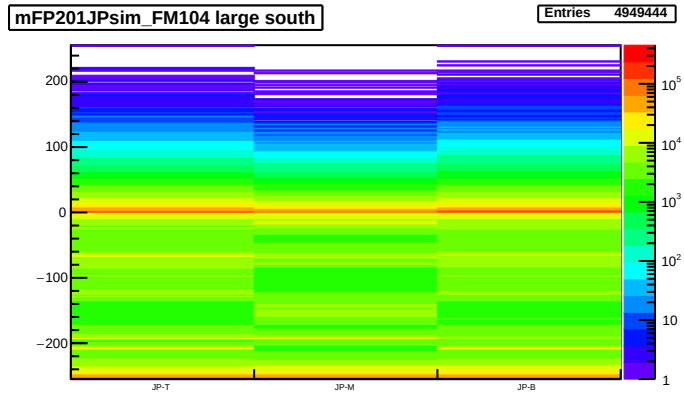

mFP201JP_FM102 small south
Entries 1.445197e+07
JP-T
JP-M
JP-B

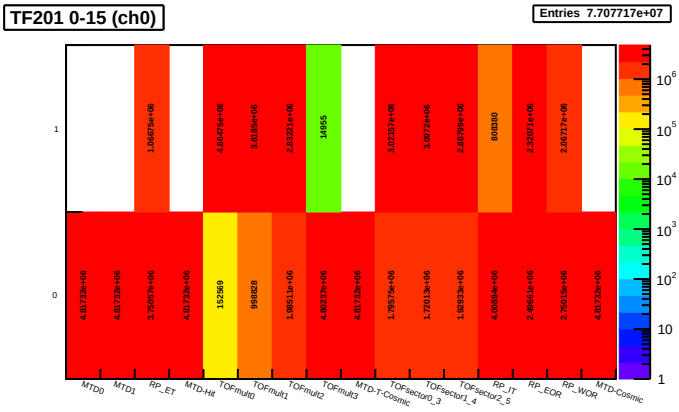

mFP201JPsim_FM102 small south
Entries 5172036
JP-T
JP-M
JP-B

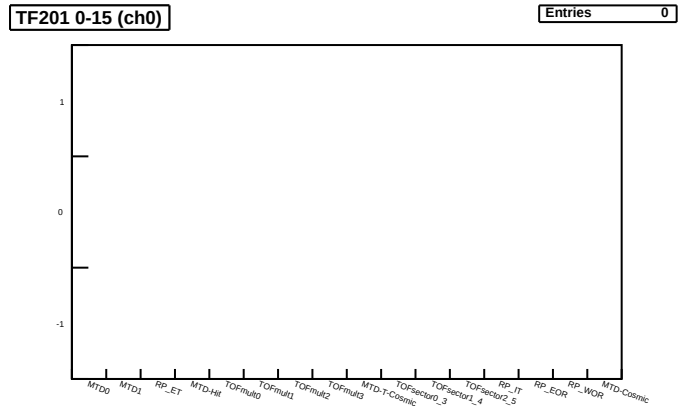

mFP201JP_FM103 large north
Entries 1.445197e+07
JP-T
JP-M
JP-B

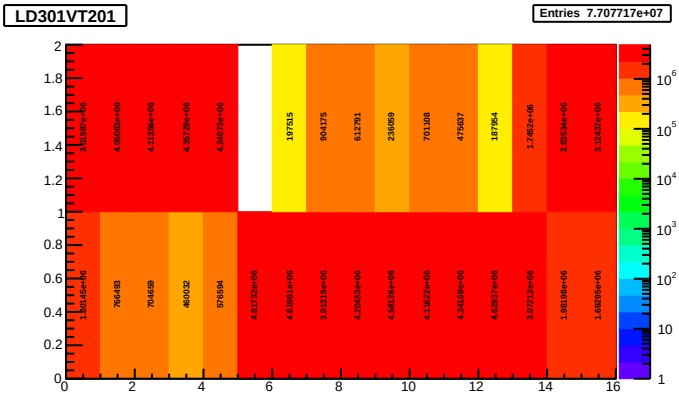

mFP201JPsim_FM103 large north
Entries 4993150
JP-T
JP-M
JP-B

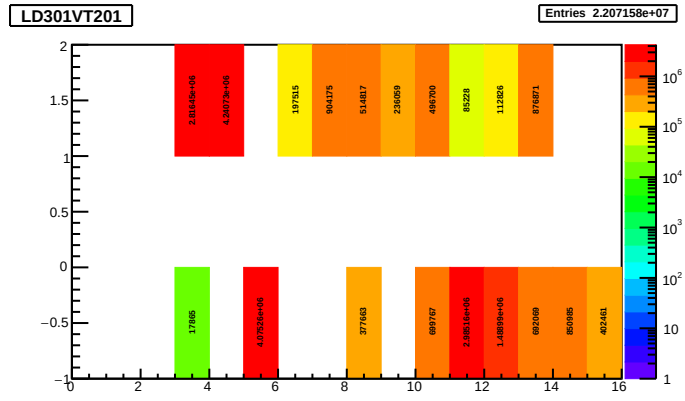

mFP201JP_FM104 large south
Entries 1.445197e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 4949444
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 7.707717e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 7.707717e+07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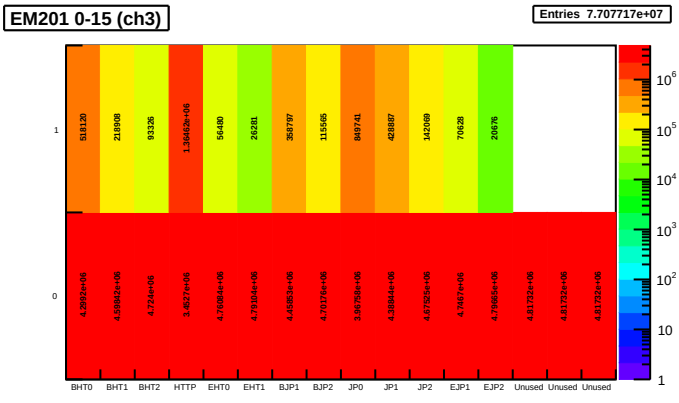
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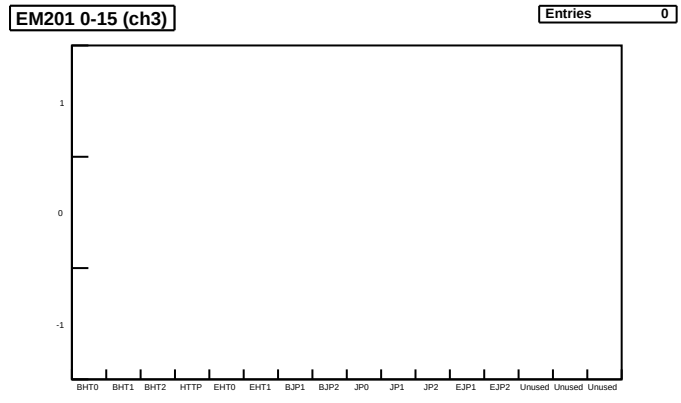
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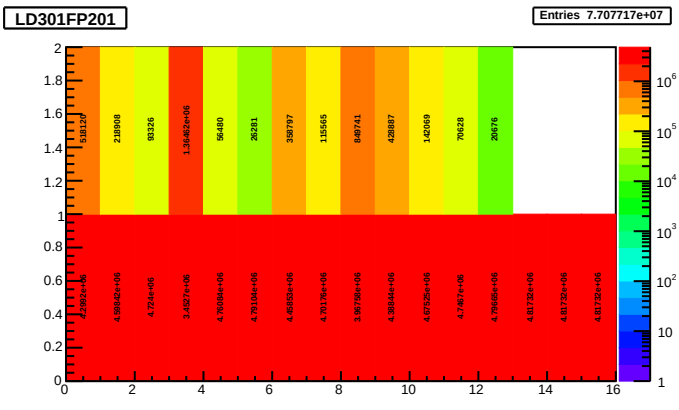
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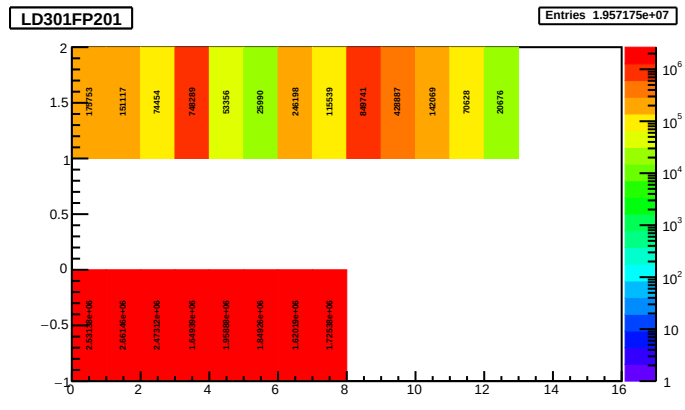
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