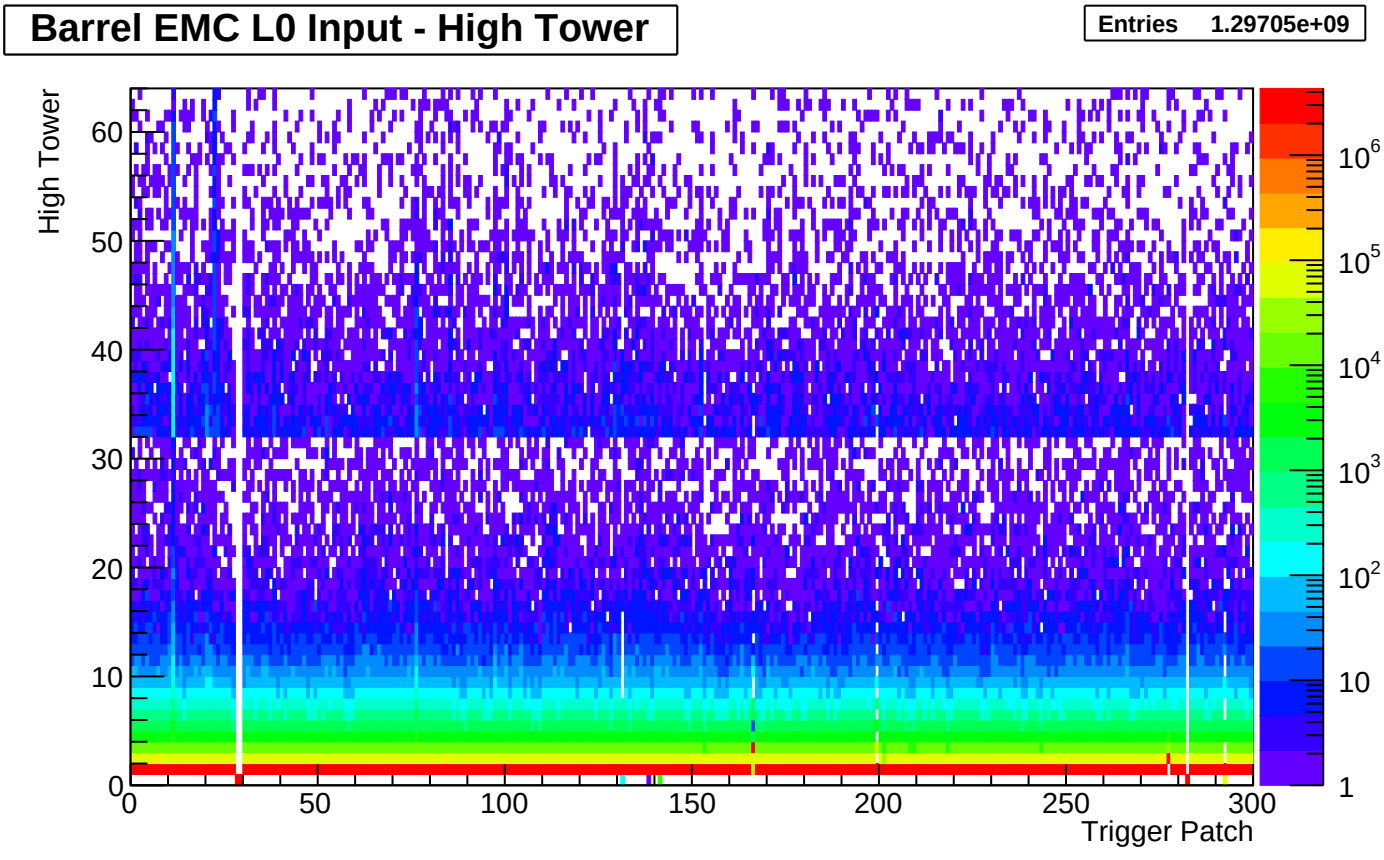
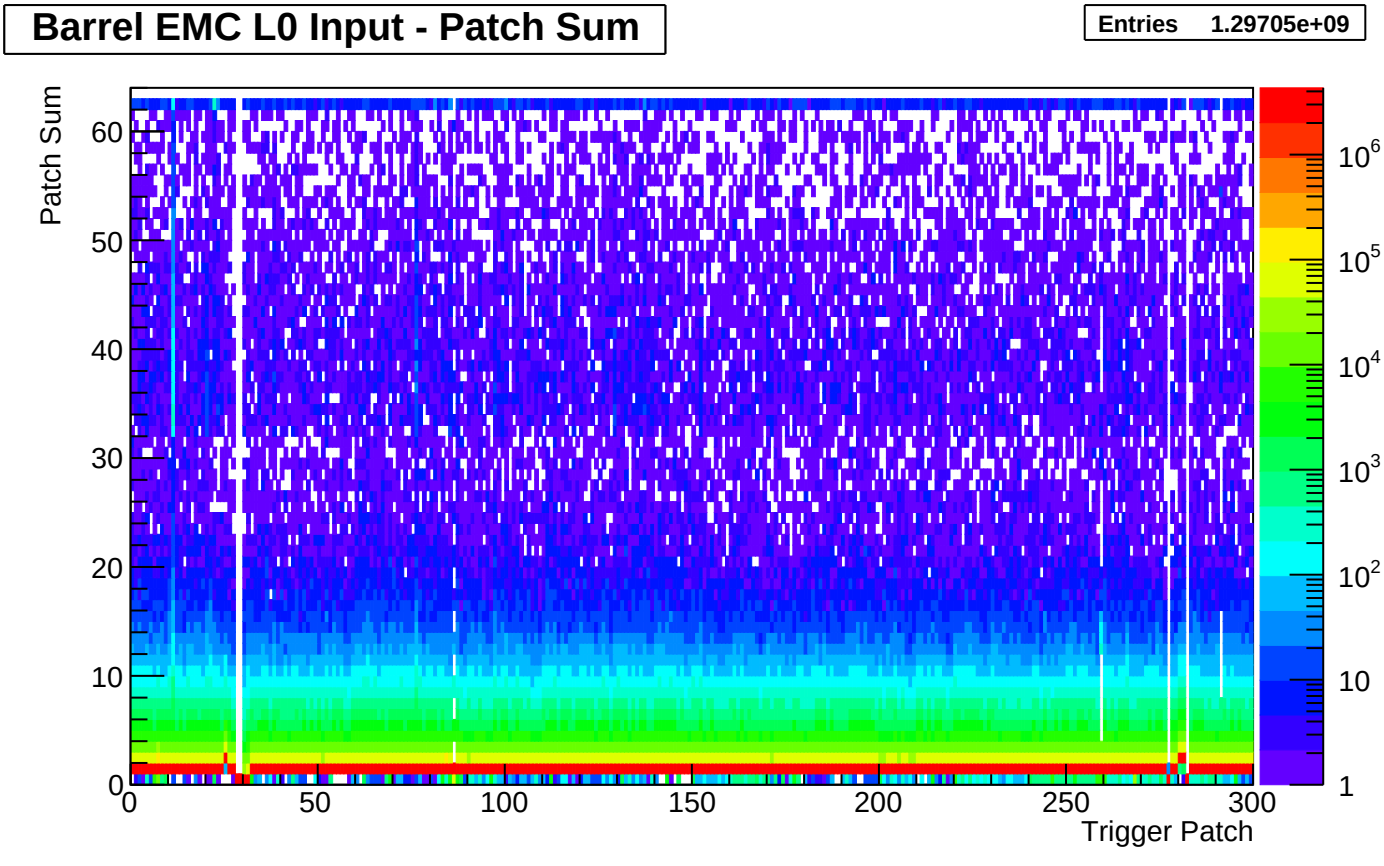
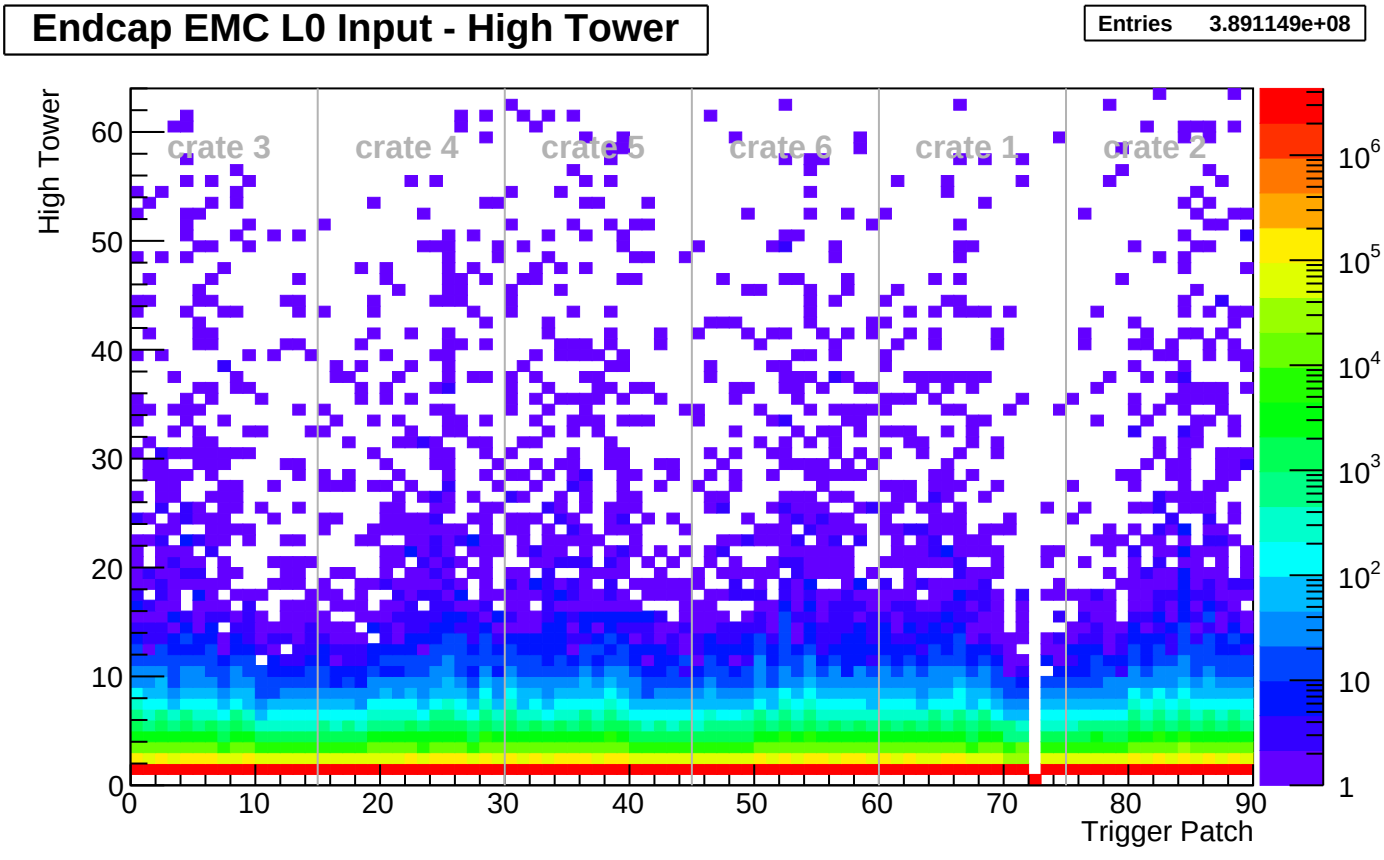
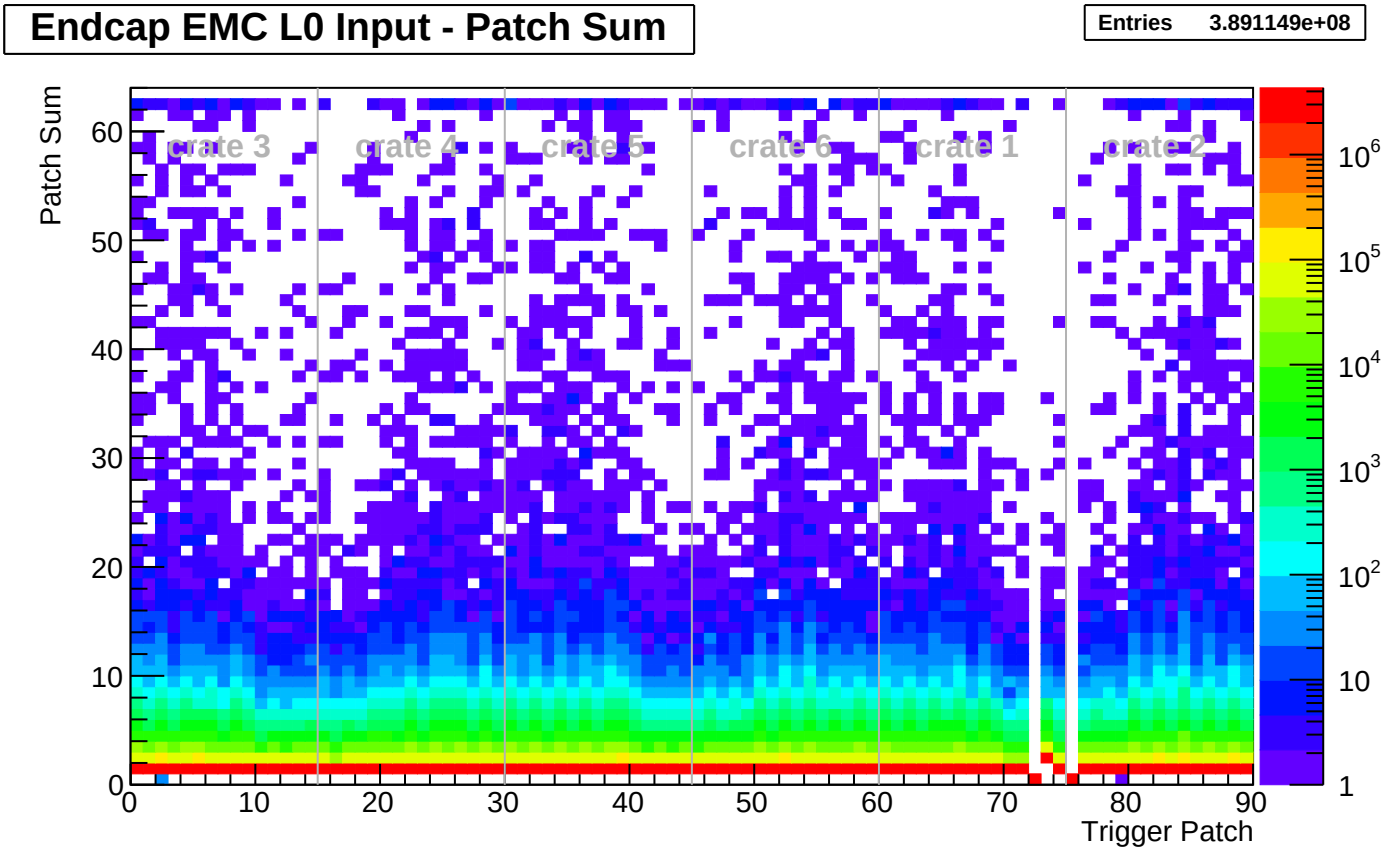
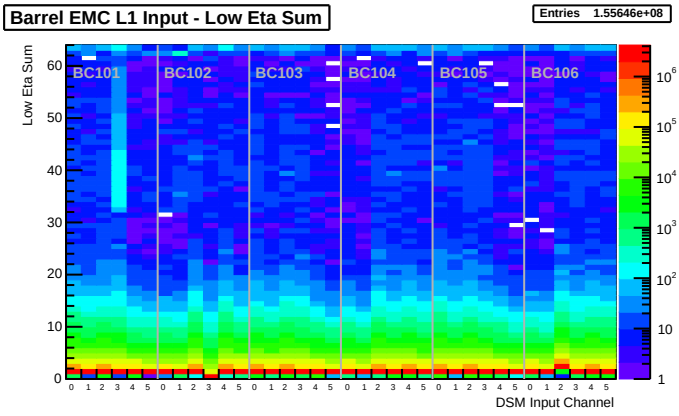
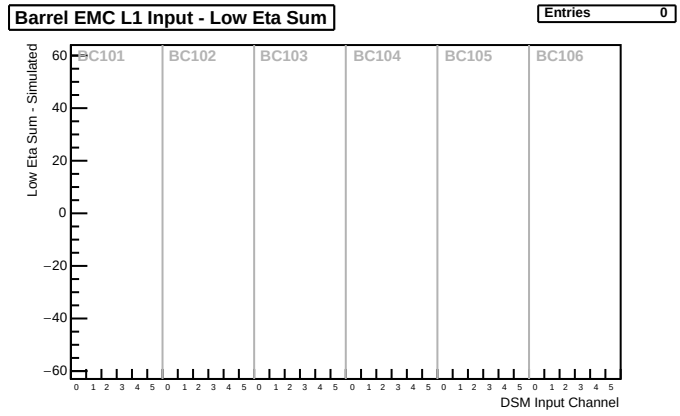

Barrel EMC L0 Input - High Tower
Entries 1.29705e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

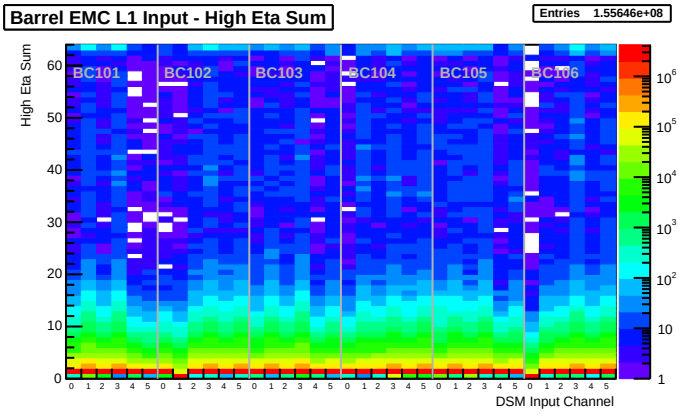

Barrel EMC L0 Input - Patch Sum
Entries 1.29705e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

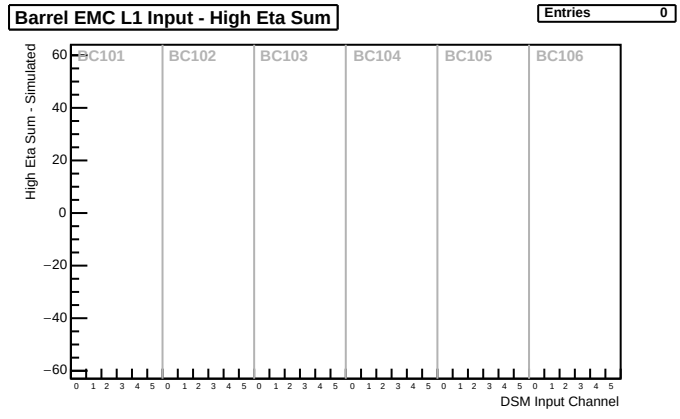

Endcap EMC L0 Input - High Tower
Entries 3.891149e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

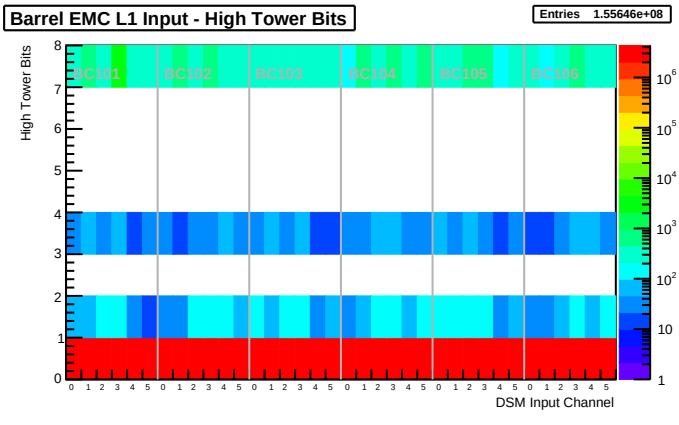

Endcap EMC L0 Input - Patch Sum
Entries 3.891149e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

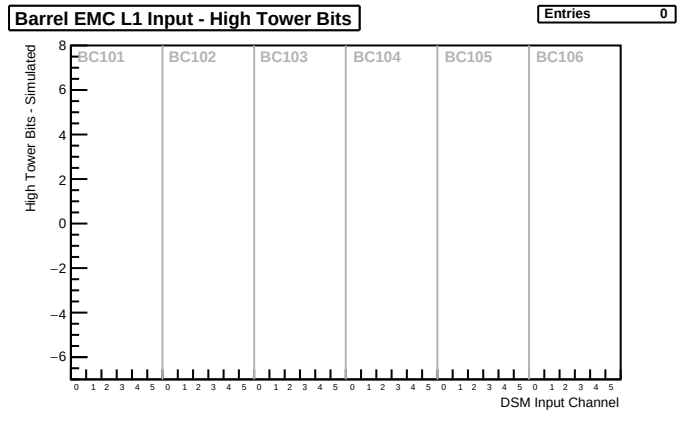

Barrel EMC L1 Input - Low Eta Sum
Entries 1.55646e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

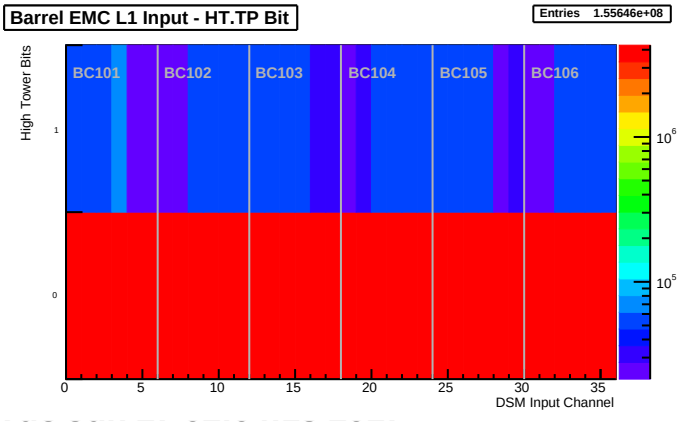

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

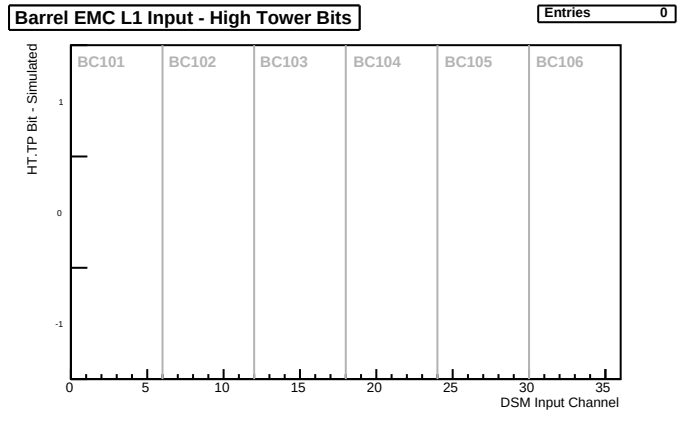

Barrel EMC L1 Input - High Eta Sum
Entries 1.55646e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

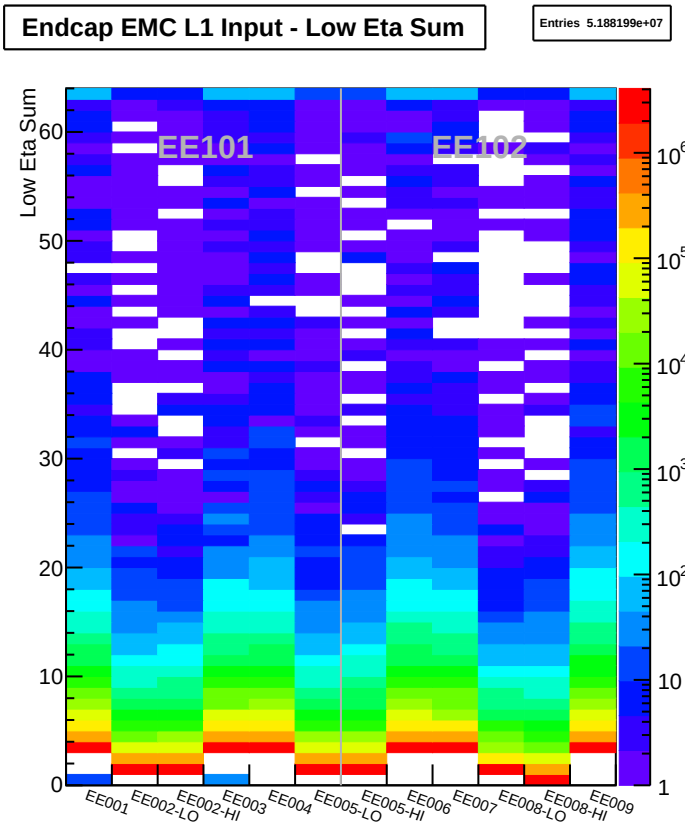

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

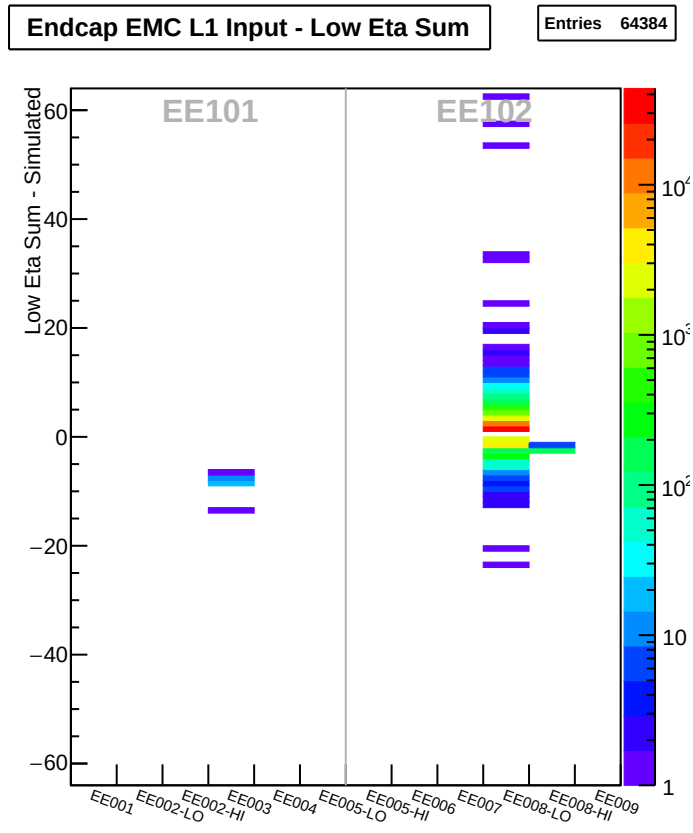

Barrel EMC L1 Input - High Tower Bits
Entries 1.55646e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

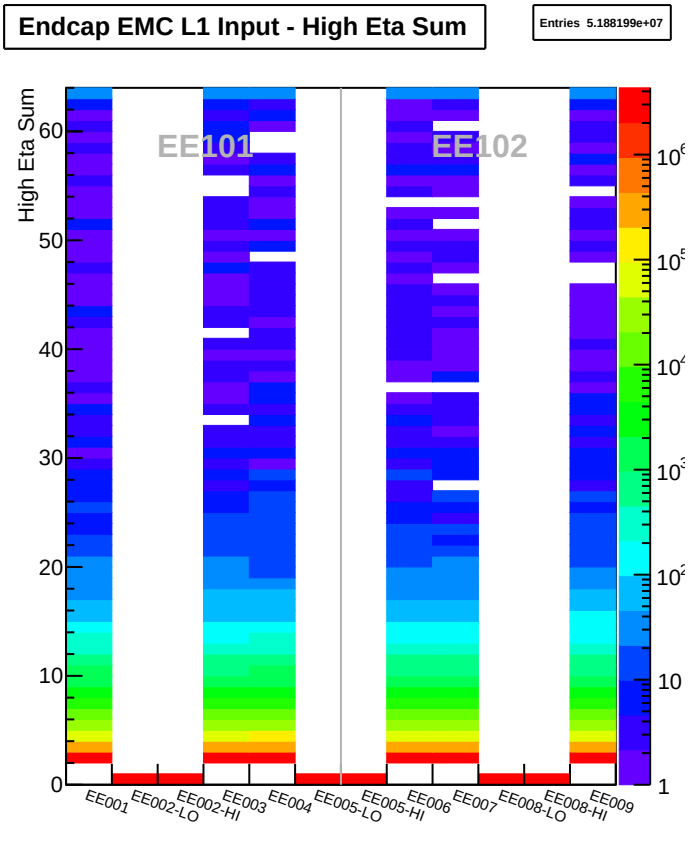

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

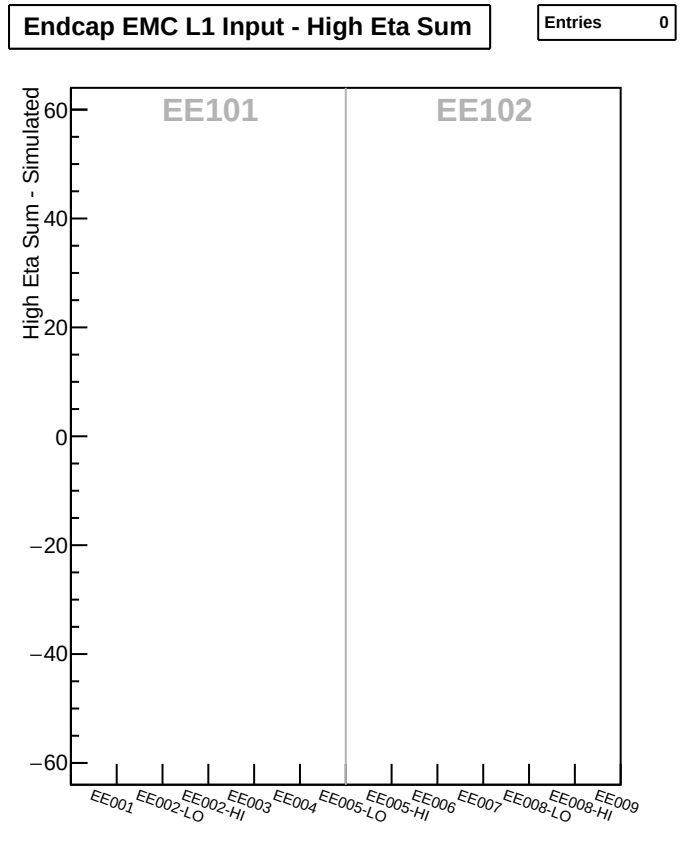

Barrel EMC L1 Input - HT.TP Bit
Entries 1.55646e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

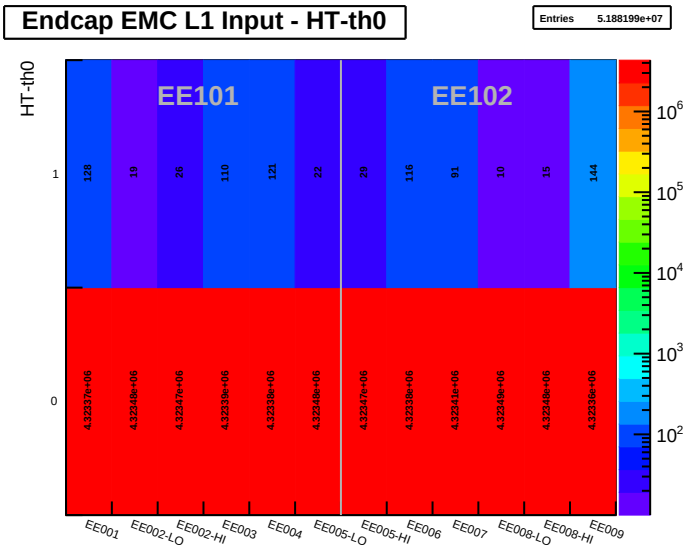

Barrel EMC L1 Input - High Tower Bits
Entries 0
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

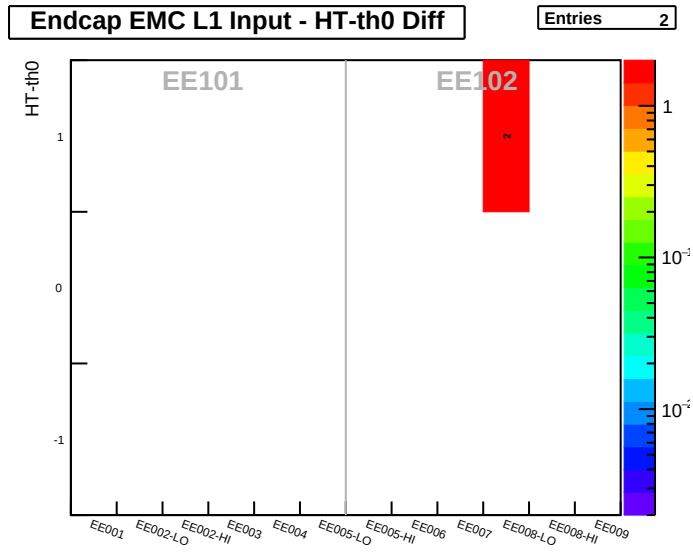

Endcap EMC L1 Input - Low Eta Sum
Entries 5.188199e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

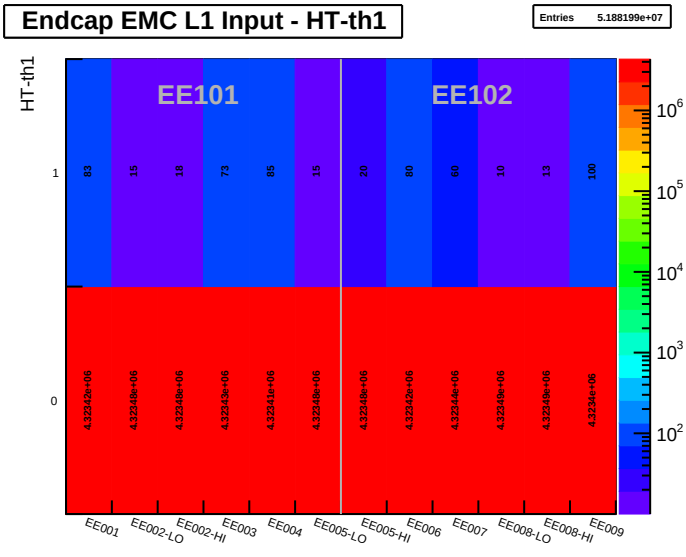

Endcap EMC L1 Input - Low Eta Sum
Entries 64384
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

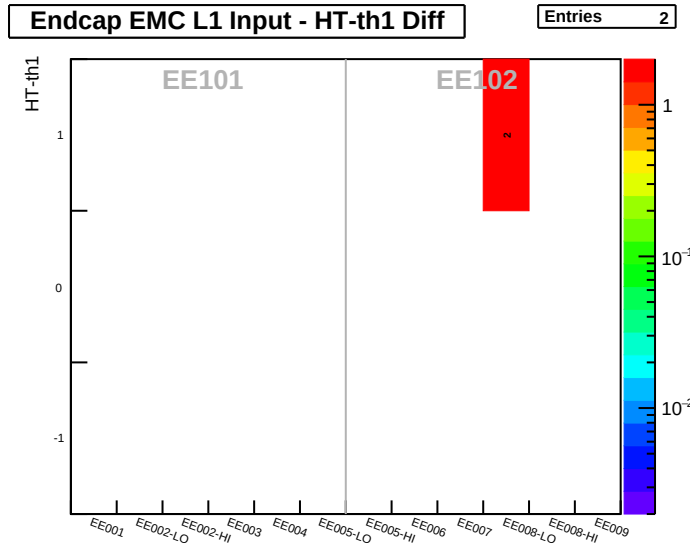

Endcap EMC L1 Input - High Eta Sum
Entries 5.188199e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

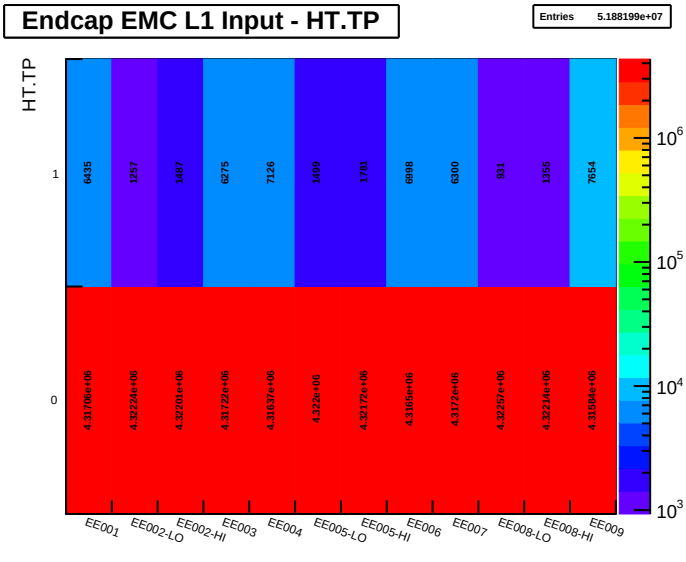

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

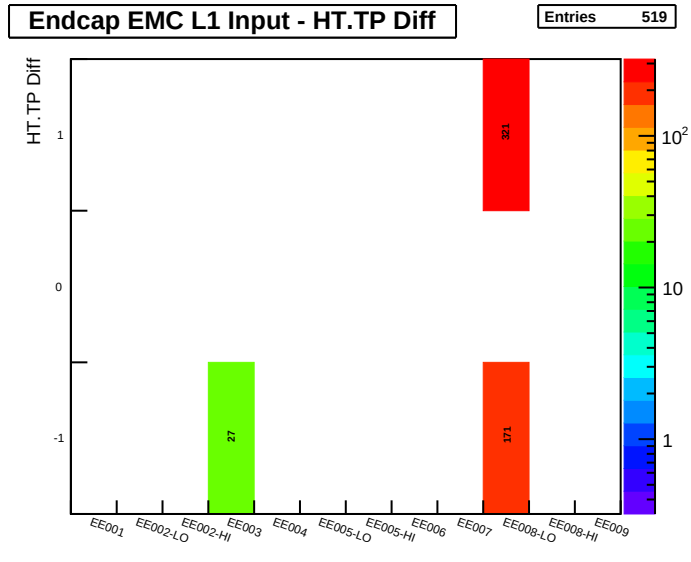

Endcap EMC L1 Input - HT-th0
Entries 5.188199e+07
HT-th0
EE101
EE102
128 19 26 110 121 22 29 116 91 10 15 144
4.32337e+06 4.32349e+06 4.32347e+06 4.32339e+06 4.32338e+06 4.32349e+06 4.32337e+06 4.32338e+06 4.32341e+06 4.32349e+06 4.32348e+06 4.32336e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

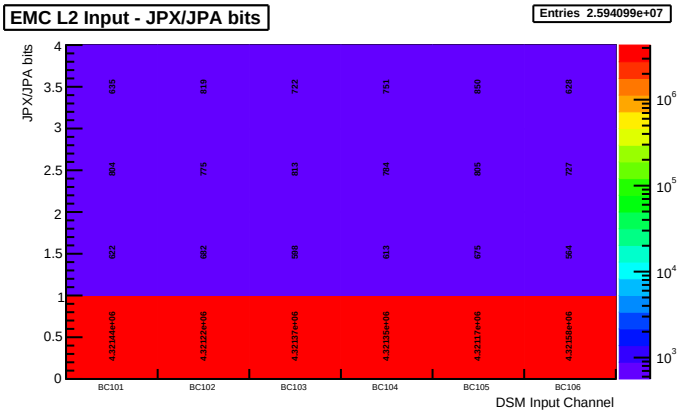

Endcap EMC L1 Input - HT-th0 Diff
Entries 2
HT-th0
EE101
EE102
2
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

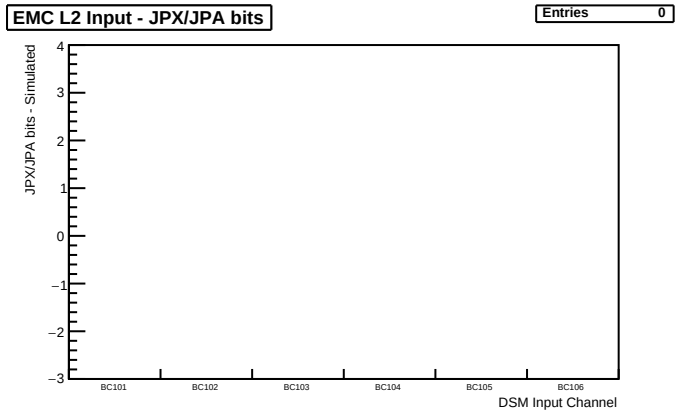

Endcap EMC L1 Input - HT-th1
Entries 5.188199e+07
HT-th1
EE101
EE102
83 15 18 73 85 15 20 80 60 10 13 100
4.32342e+06 4.32349e+06 4.32348e+06 4.32343e+06 4.32341e+06 4.32349e+06 4.32348e+06 4.32342e+06 4.32344e+06 4.32349e+06 4.32349e+06 4.32334e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

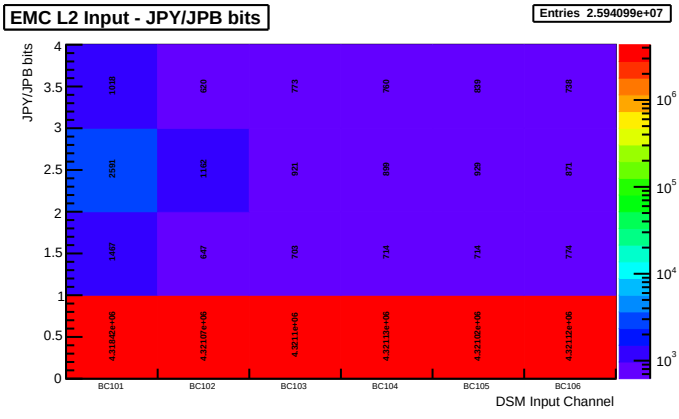

Endcap EMC L1 Input - HT-th1 Diff
Entries 2
HT-th1
EE101
EE102
2
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

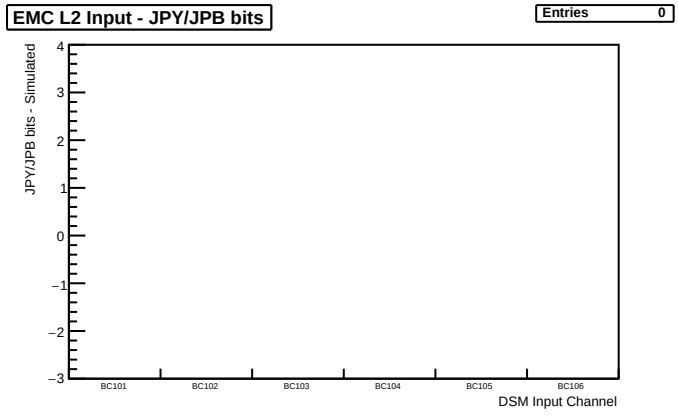

Endcap EMC L1 Input - HT.TP
Entries 5.188199e+07
HT.TP
6435 1257 1487 6275 7126 1499 1761 6998 6300 931 1355 7654
4.31706e+06 4.32224e+06 4.32201e+06 4.31722e+06 4.31637e+06 4.322e+06 4.32172e+06 4.3165e+06 4.31722e+06 4.32257e+06 4.32214e+06 4.31584e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

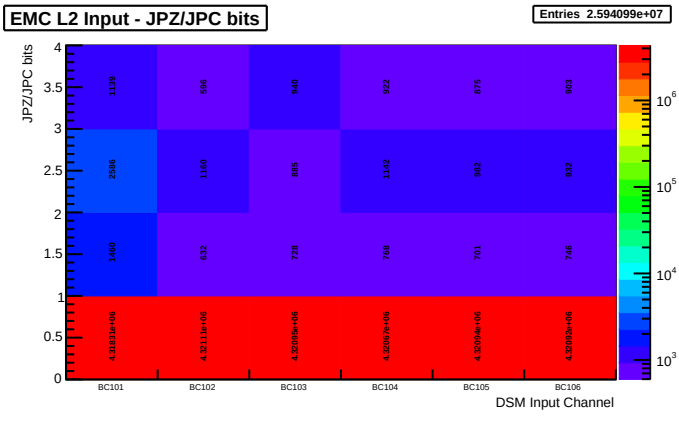

Endcap EMC L1 Input - HT.TP Diff
Entries 519
HT.TP Diff
321
27
171
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

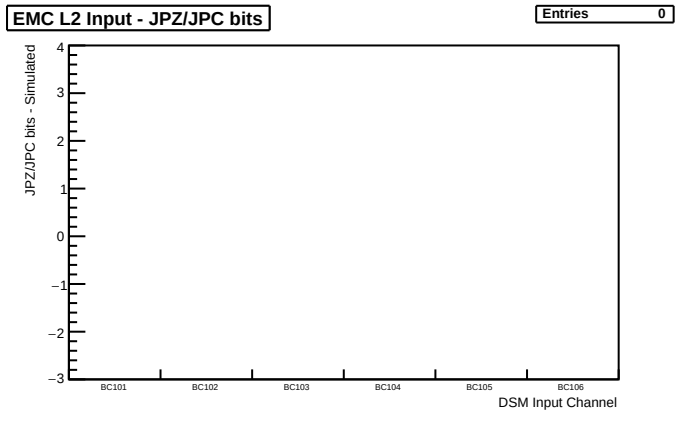

EMC L2 Input - JPX/JPA bits
Entries 2.594099e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

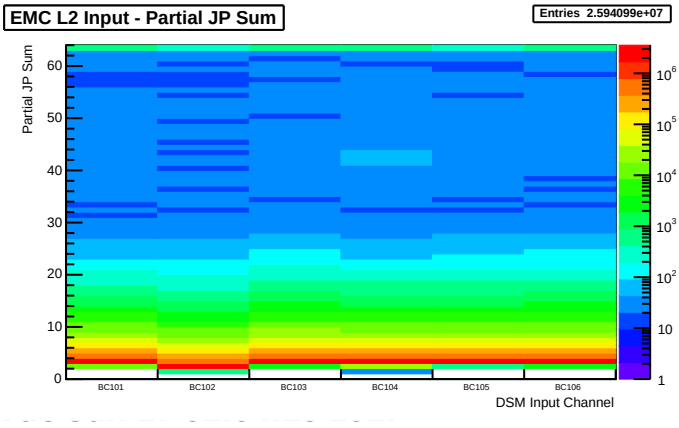

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

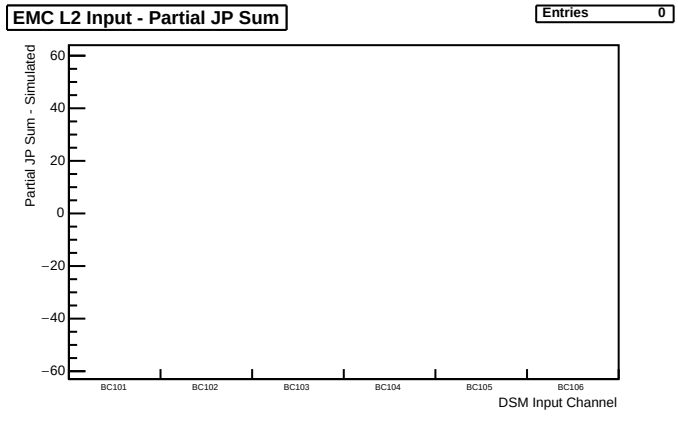

EMC L2 Input - JPY/JPB bits
Entries 2.594099e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

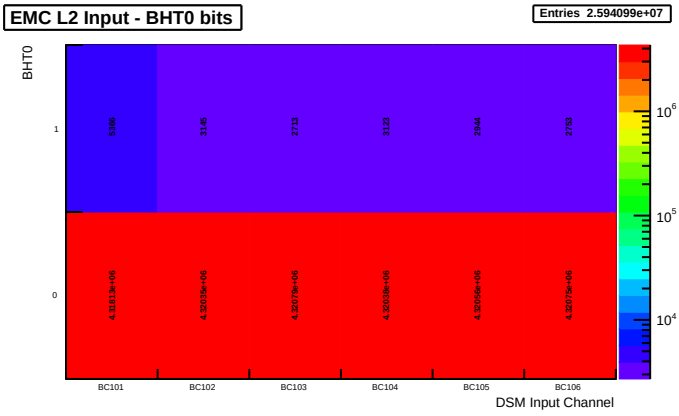

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

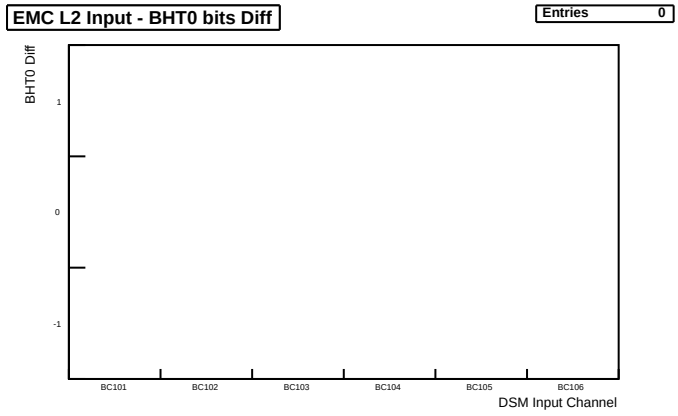

EMC L2 Input - JPZ/JPC bits
Entries 2.594099e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

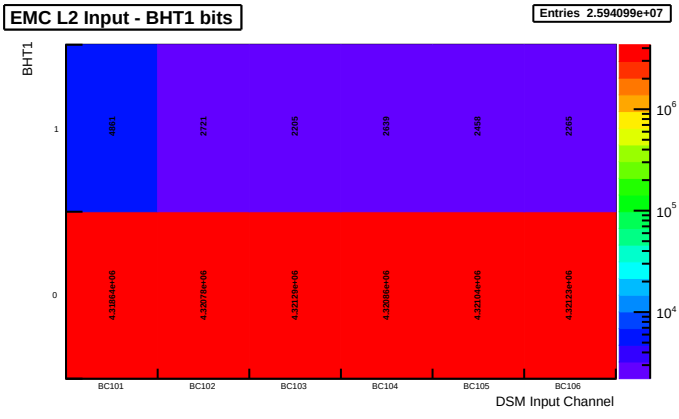

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

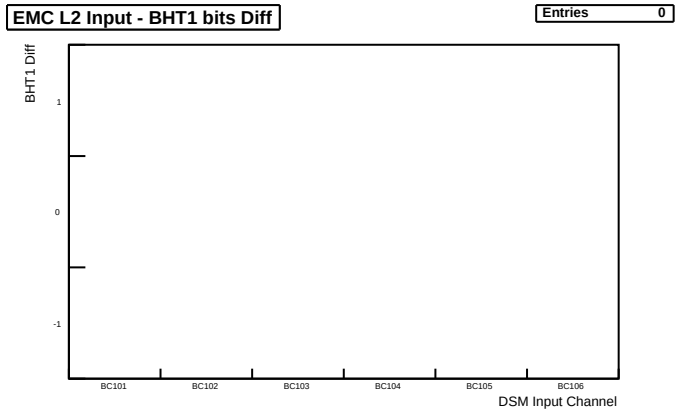

EMC L2 Input - Partial JP Sum
Entries 2.594099e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

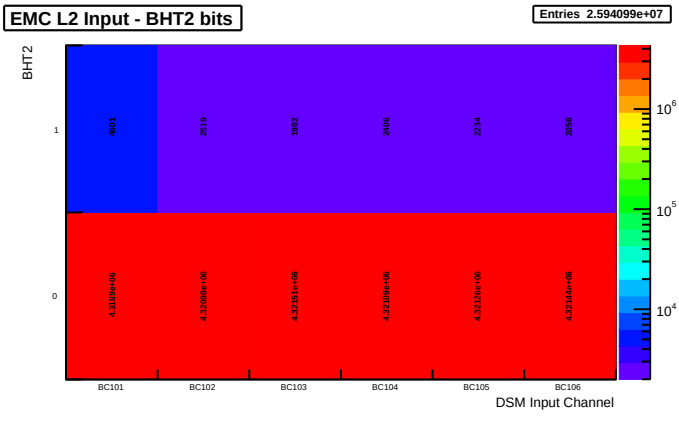

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

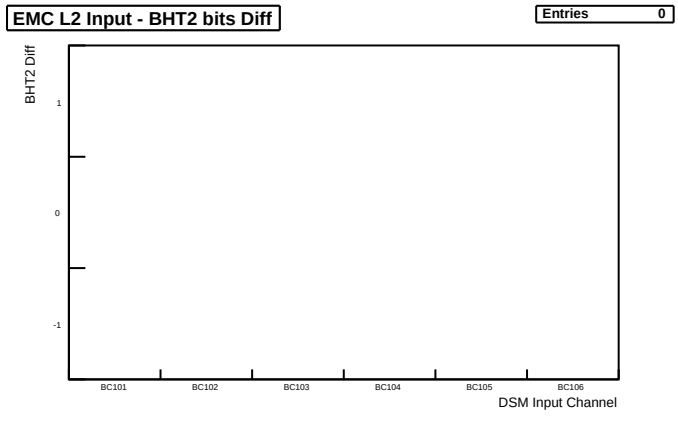

EMC L2 Input - BHT0 bits
Entries 2.594099e+07
BHT0
1
0
5368
3145
2713
3123
2944
2753
4.31813e+06
4.32035e+06
4.32079e+06
4.32038e+06
4.32058e+06
4.32075e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

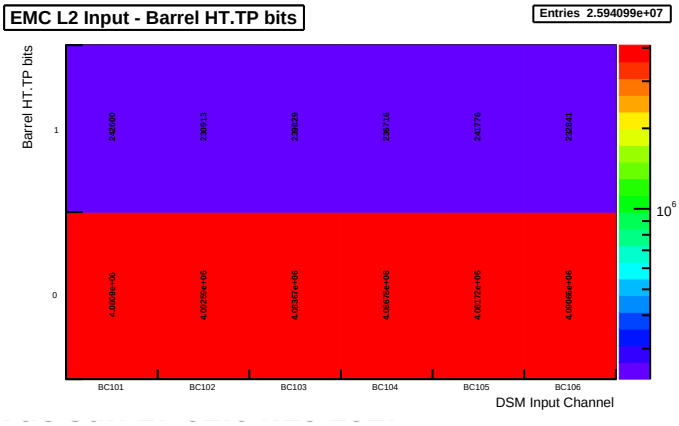

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

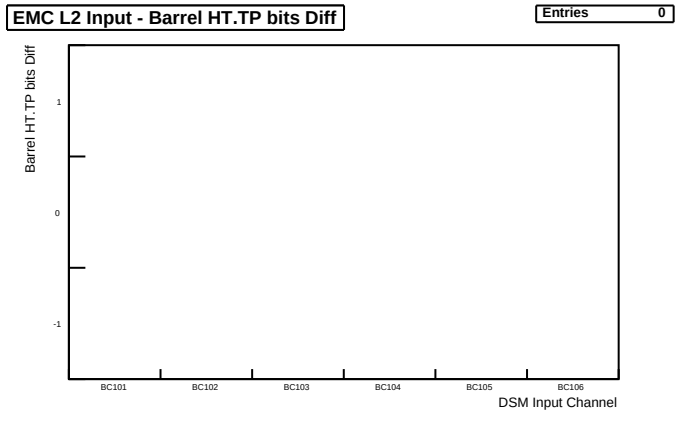

EMC L2 Input - BHT1 bits
Entries 2.594099e+07
BHT1
1
0
4861
2721
2205
2639
2458
2265
4.31844e+06
4.32078e+06
4.32129e+06
4.32086e+06
4.32104e+06
4.32123e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

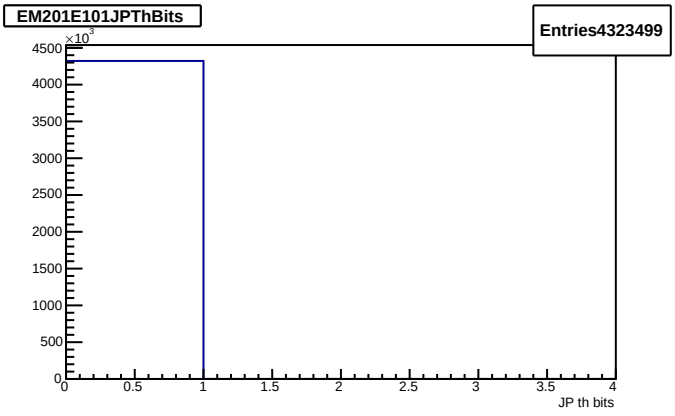

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

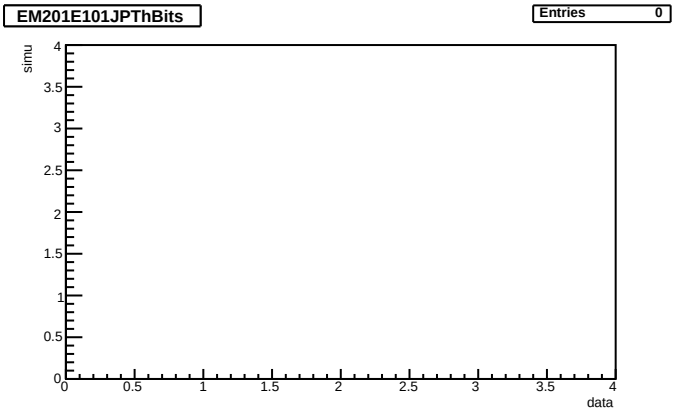

EMC L2 Input - BHT2 bits
Entries 2.594099e+07
BHT2
1
0
4601
2519
1992
2406
2234
2656
4.31839e+06
4.32058e+06
4.32154e+06
4.32109e+06
4.32126e+06
4.32144e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

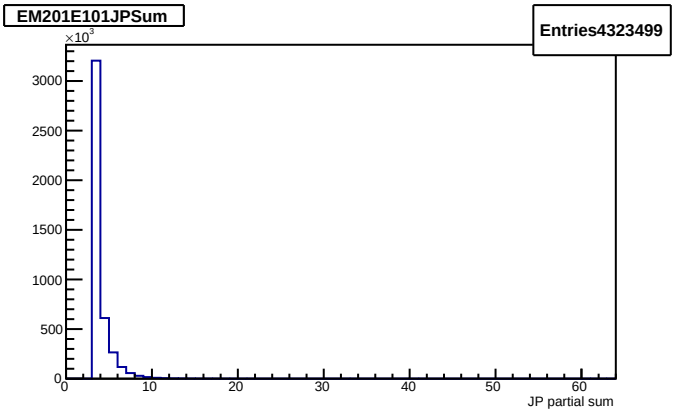

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

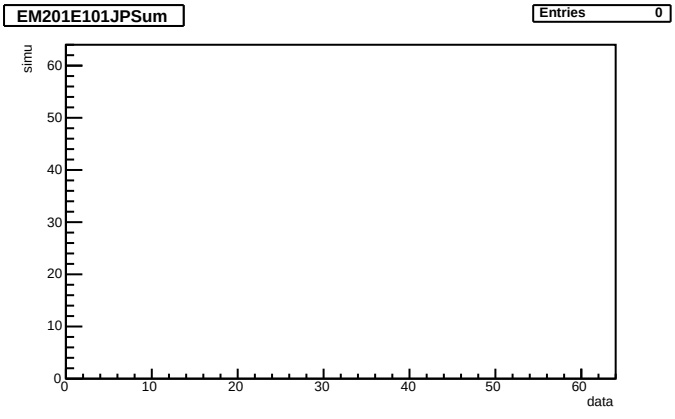

EMC L2 Input - Barrel HT.TP bits
Entries 2.594099e+07
Barrel HT.TP bits
1
0
242600
239913
238929
239716
241776
243841
4.0309e+06
4.09259e+06
4.08367e+06
4.08678e+06
4.08172e+06
4.09056e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

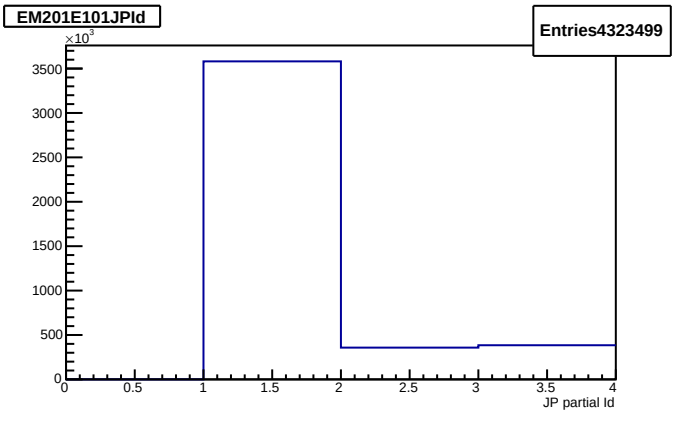

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

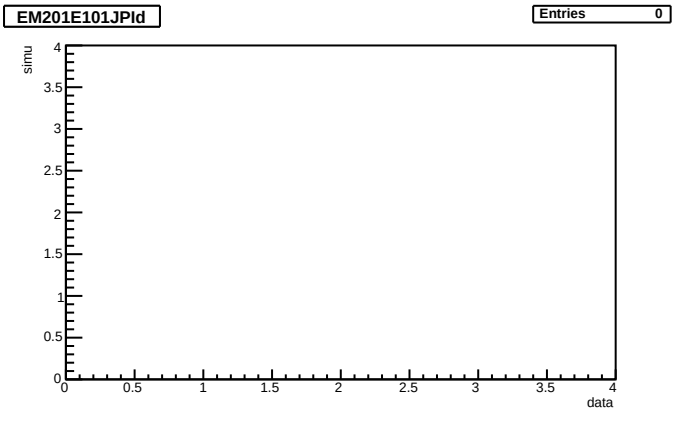

EM201E101JPThBits
Entries4323499
JP th bits

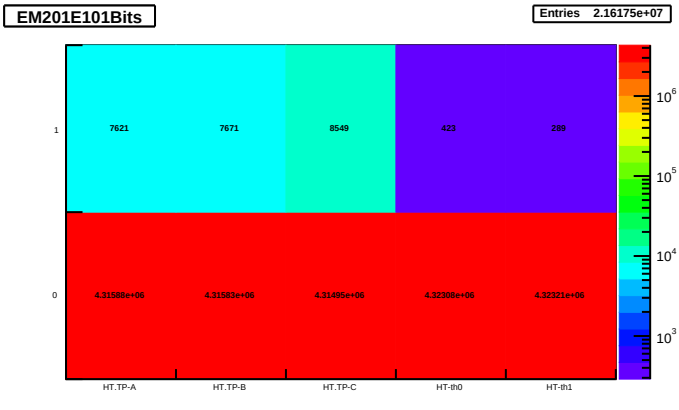

EM201E101JPThBits
Entries 0
simu
data

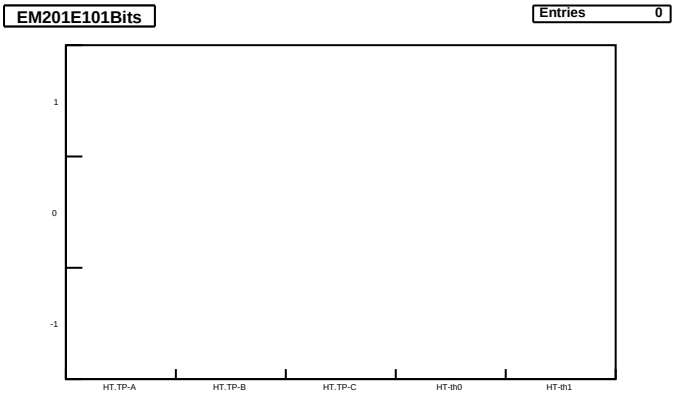

EM201E101JPSum
Entries4323499
JP partial sum

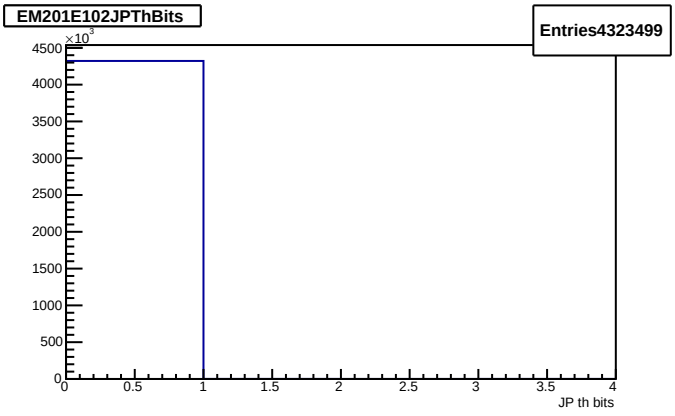

EM201E101JPSum
Entries 0
simu
data

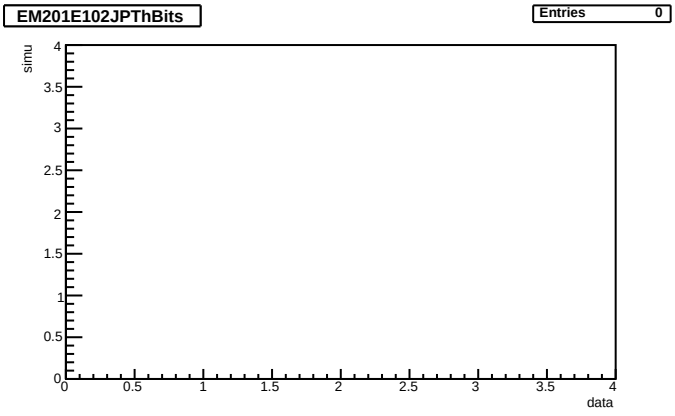

EM201E101JPId
Entries4323499
JP partial Id

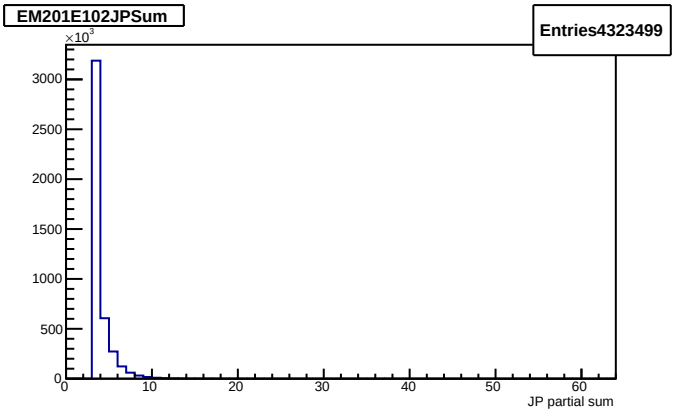

EM201E101JPId
Entries 0
simu
data

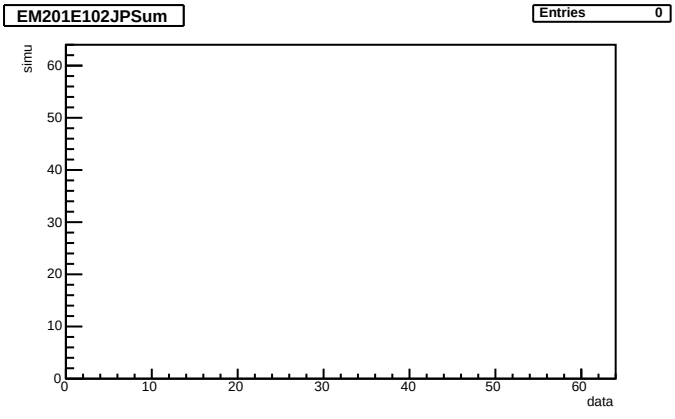

EM201E101Bits
Entries 2.16175e+07
7621
7671
8549
423
289
4.31588e+06
4.31583e+06
4.31495e+06
4.32308e+06
4.32321e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

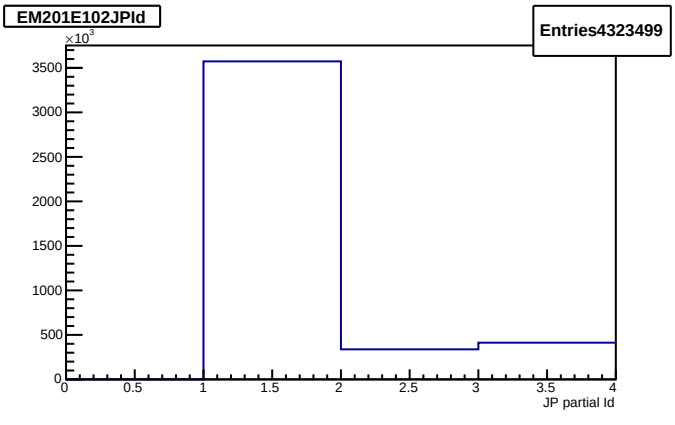

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

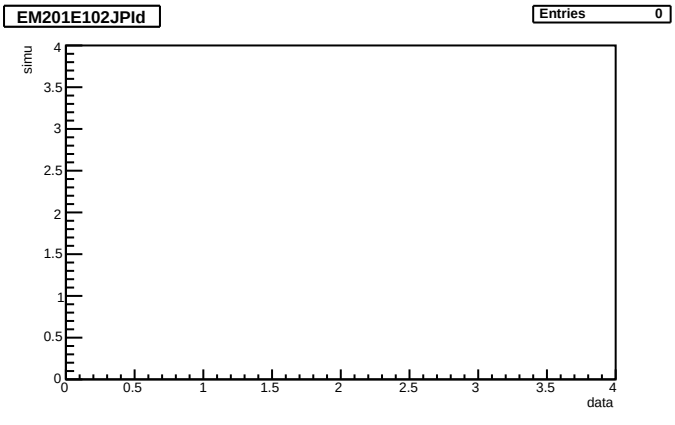

EM201E102JPThBits
Entries4323499
JP th bits

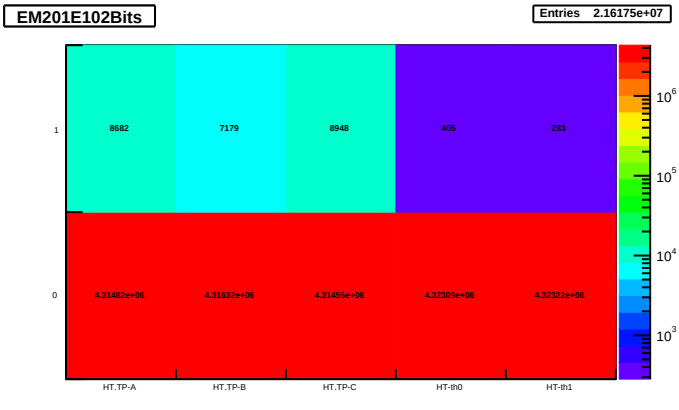

EM201E102JPThBits
Entries 0
simu
data

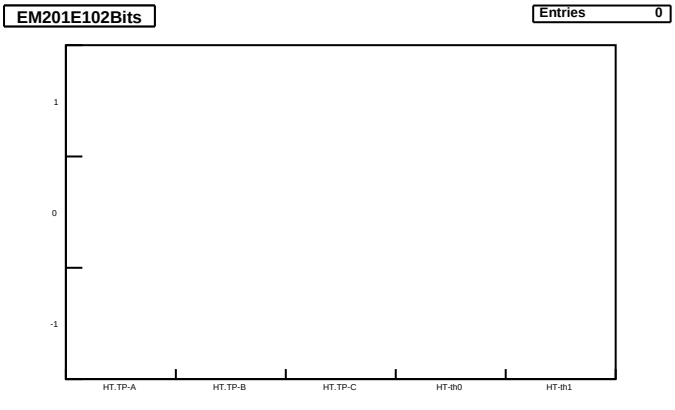

EM201E102JPSum
Entries4323499
JP partial sum

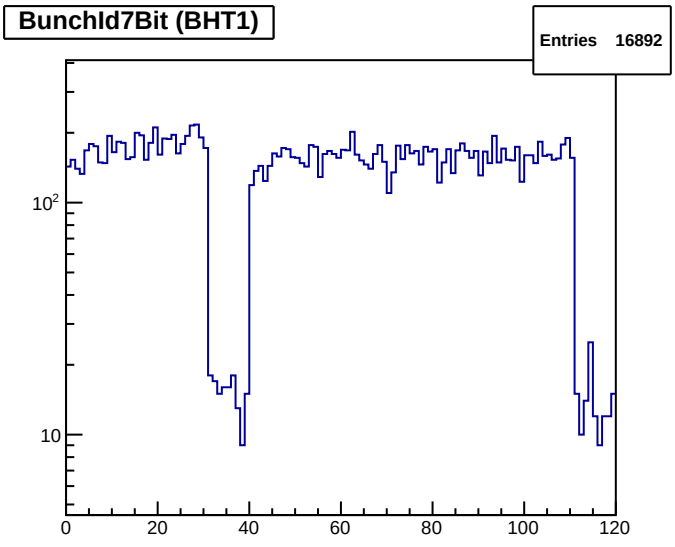

EM201E102JPSum
Entries 0
simu
data

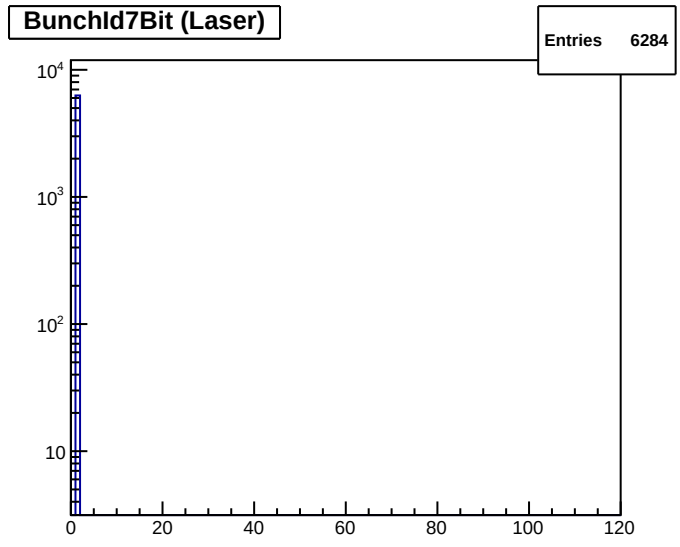

EM201E102JPId
Entries4323499
JP partial Id

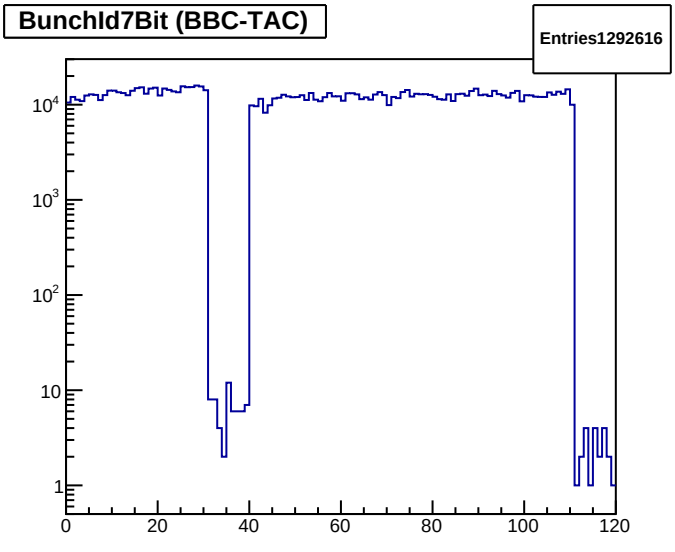

EM201E102JPId
Entries 0
simu
data

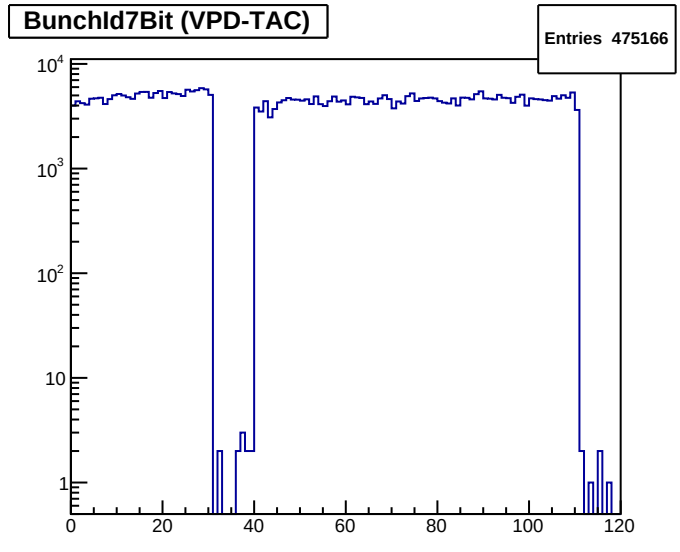

EM201E102Bits
Entries 2.16175e+07
8682
7179
8948
405
283
4.31482e+06
4.31632e+06
4.31455e+06
4.32309e+06
4.32322e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

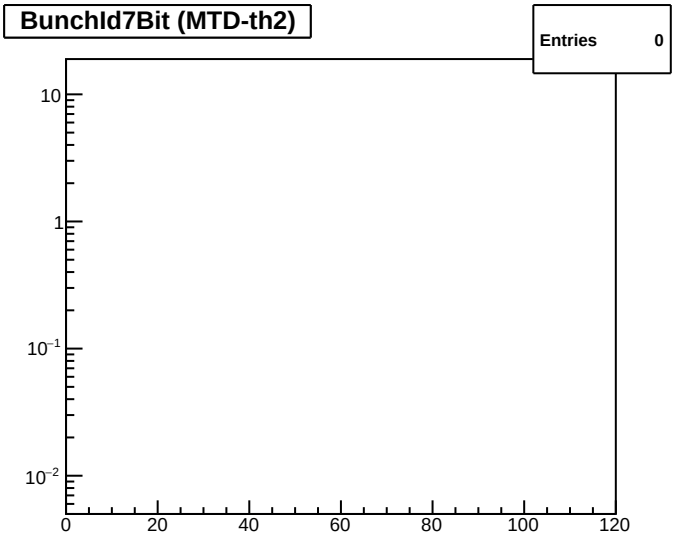

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

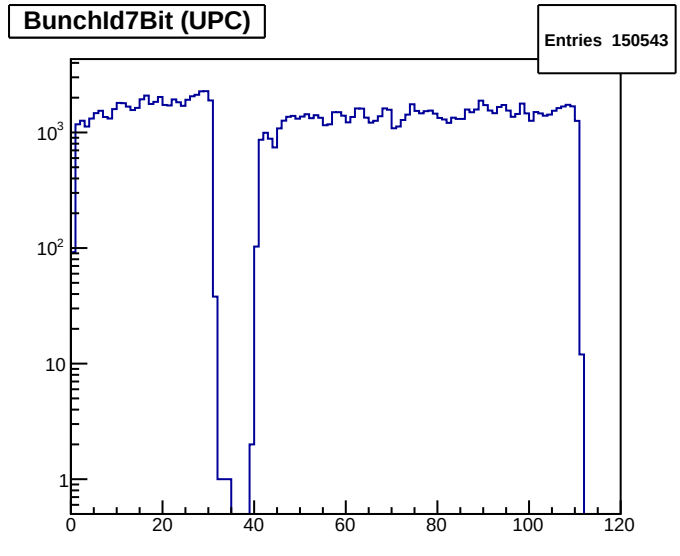

BunchId7Bit (BHT1)
Entries 16892

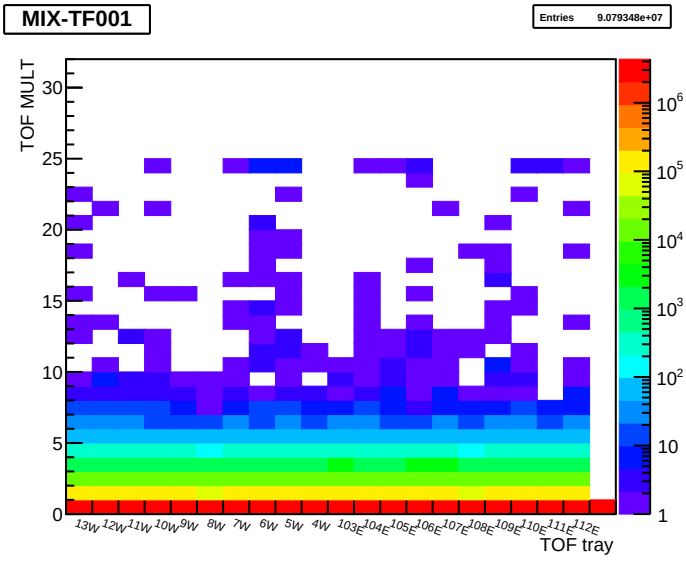

BunchId7Bit (Laser)
Entries 6284

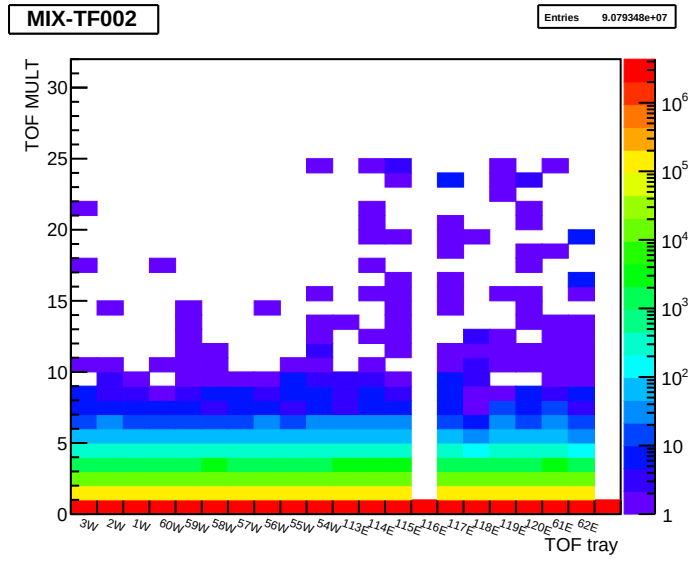

BunchId7Bit (BBC-TAC)
Entries1292616

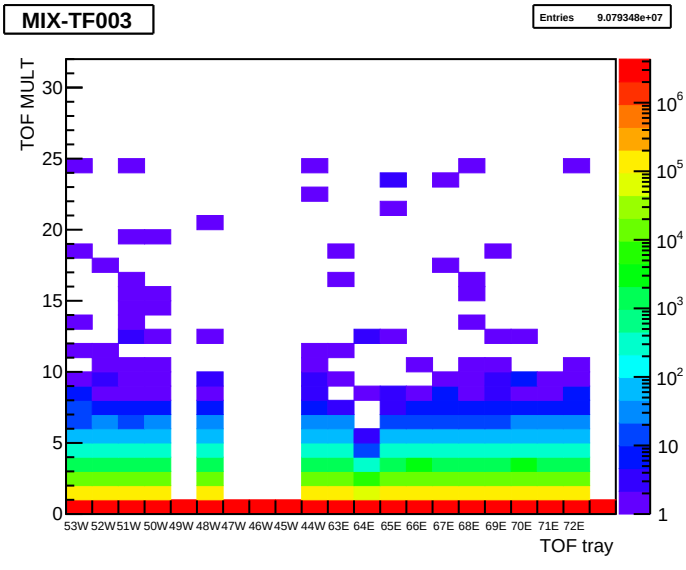

BunchId7Bit (VPD-TAC)
Entries 475166

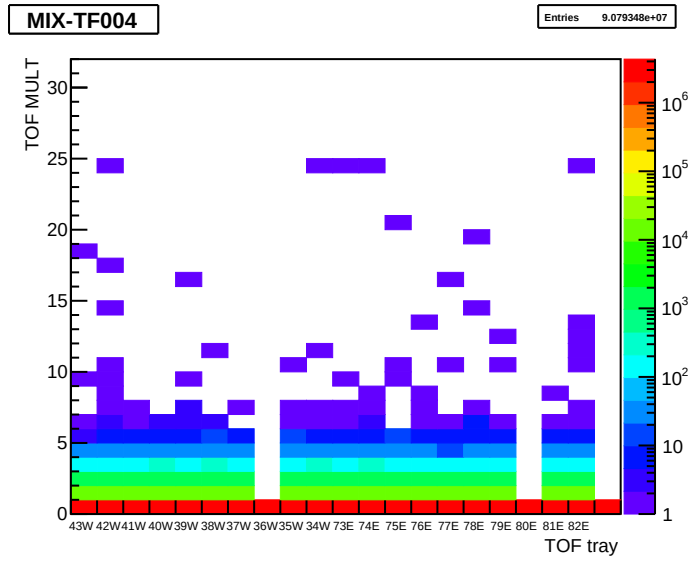

BunchId7Bit (MTD-th2)
Entries 0

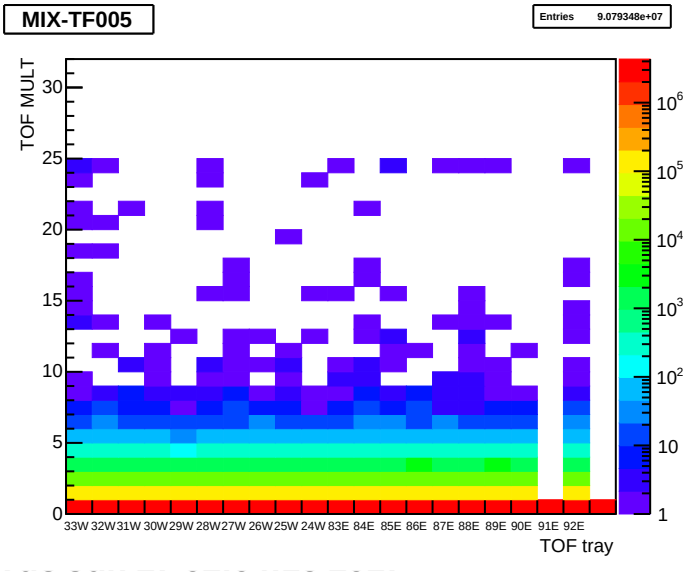

BunchId7Bit (UPC)
Entries 150543

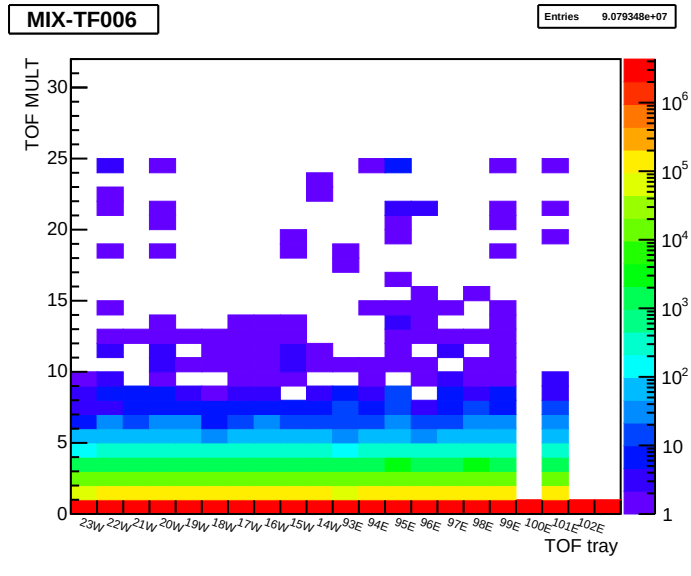

MIX-TF001
Entries 9.079348e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

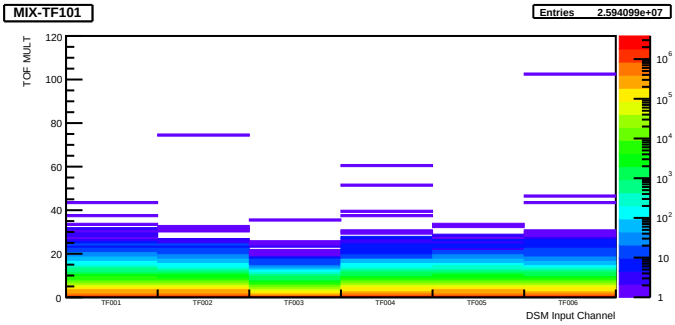

MIX-TF002
Entries 9.079348e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

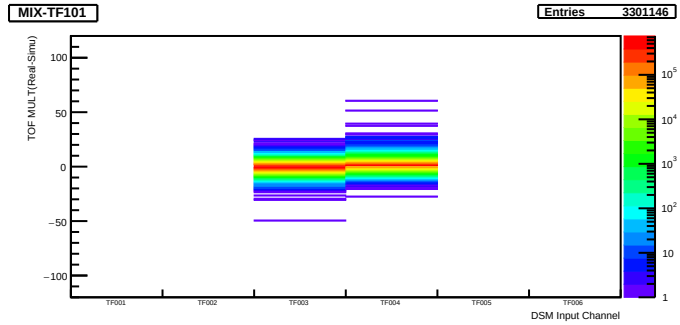

MIX-TF003
Entries 9.079348e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

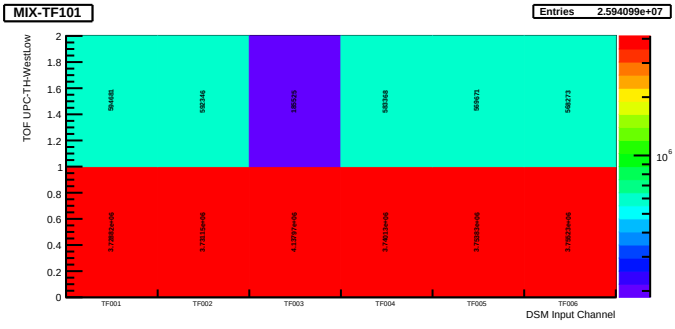

MIX-TF004
Entries 9.079348e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

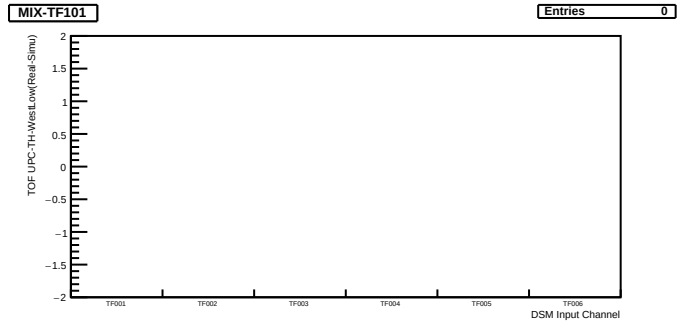

MIX-TF005
Entries 9.079348e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

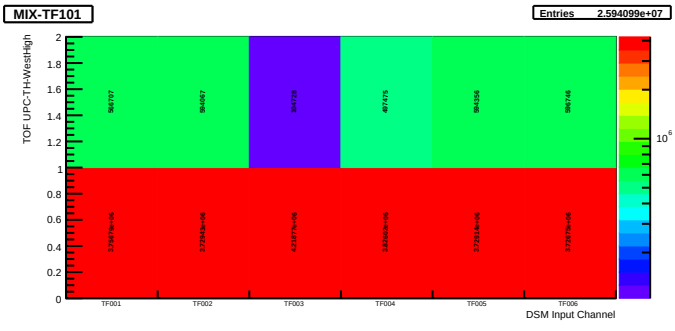

MIX-TF006
Entries 9.079348e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

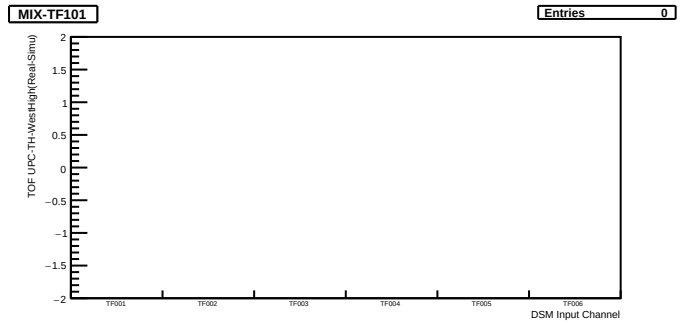

MIX-TF101
Entries 2.594099e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

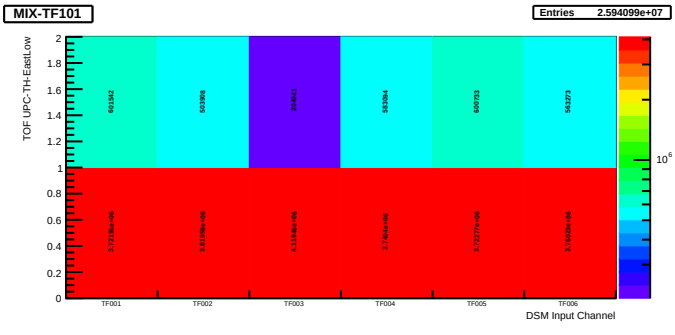

MIX-TF101
Entries 3301146
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

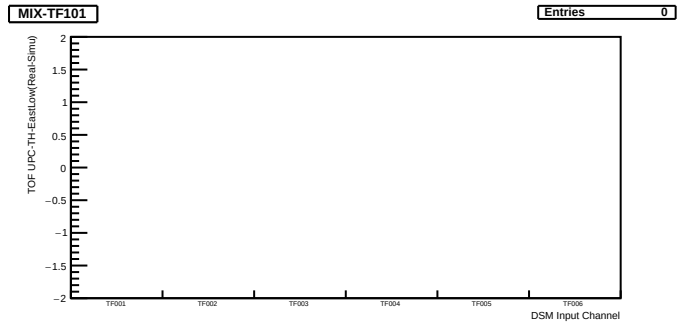

MIX-TF101
Entries 2.594099e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

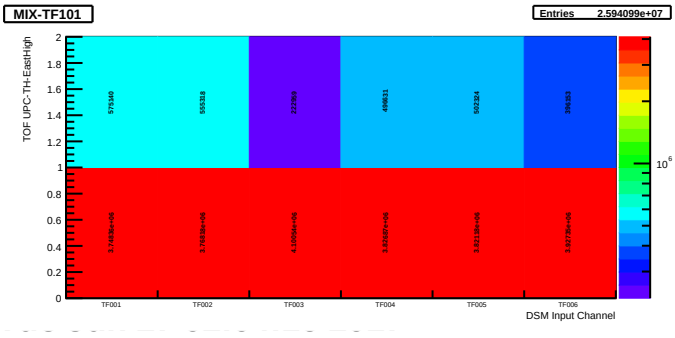

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

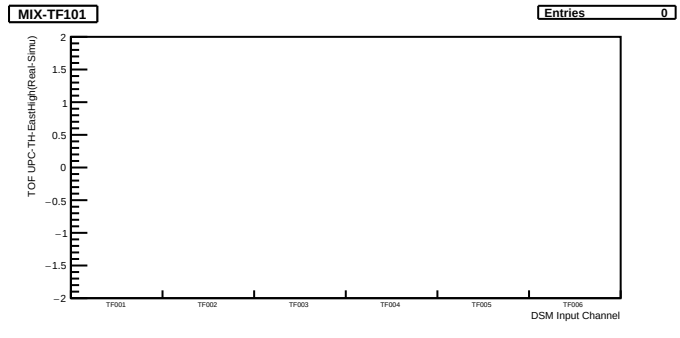

MIX-TF101
Entries 2.594099e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

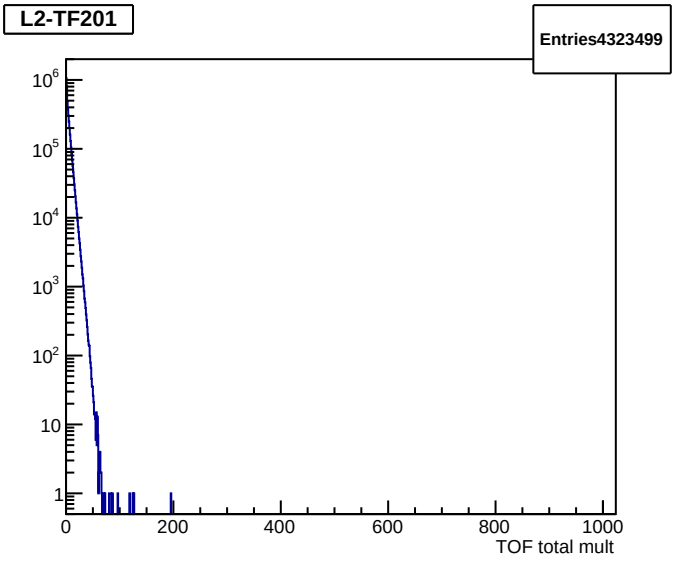

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

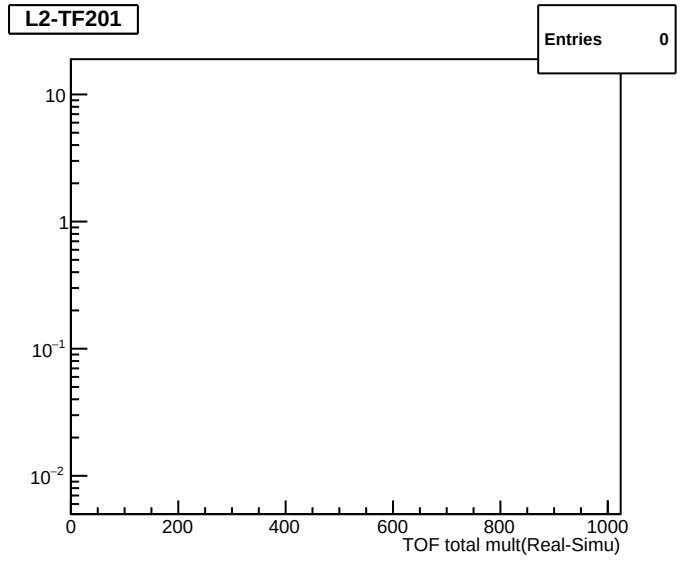

MIX-TF101
Entries 2.594099e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

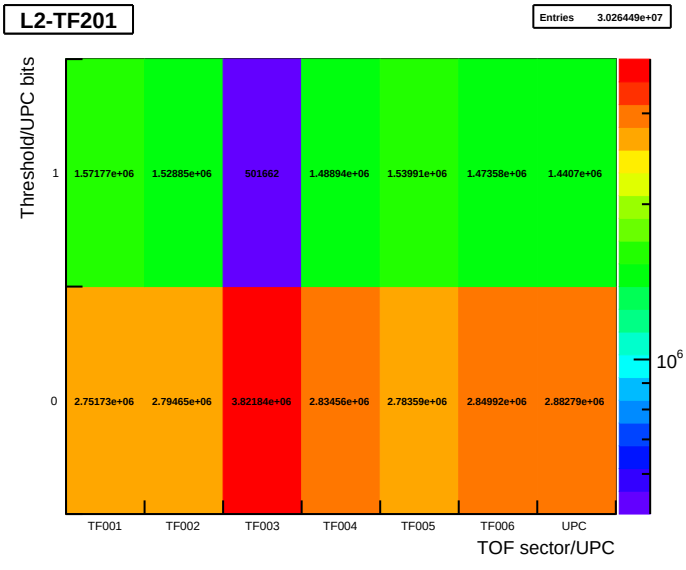

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

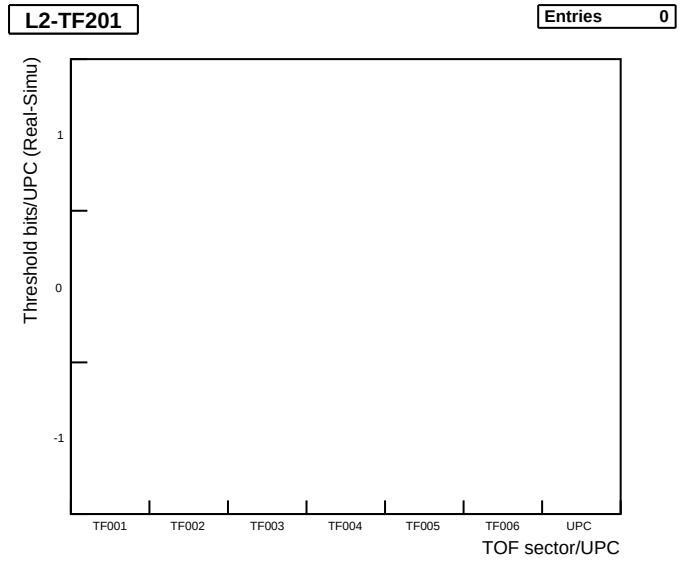

MIX-TF101
Entries 2.594099e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

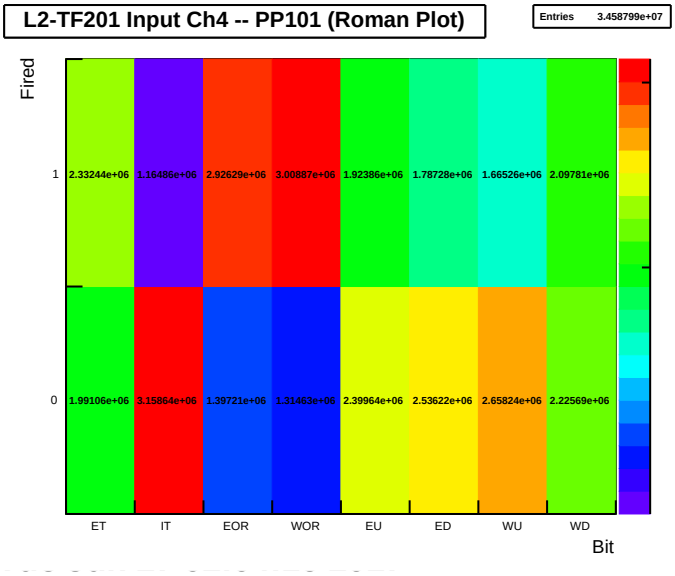

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

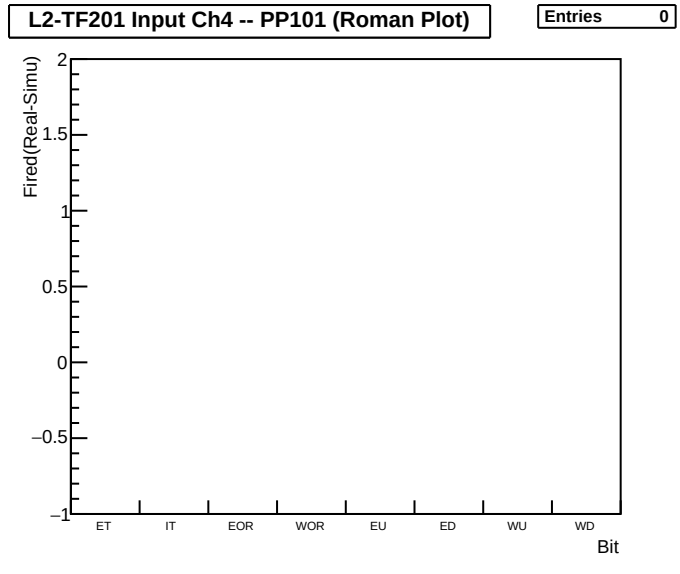

L2-TF201
Entries4323499
TOF total mult

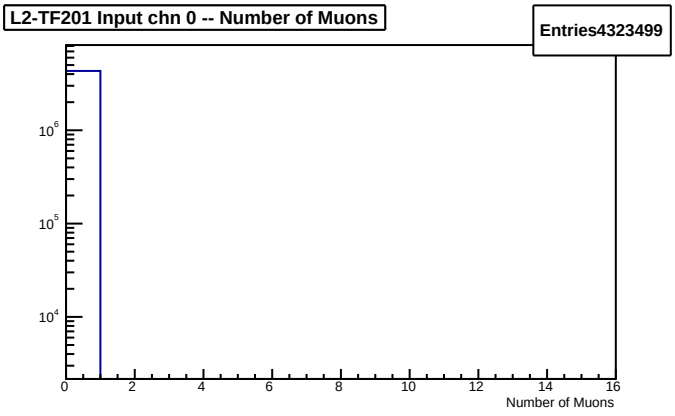

L2-TF201
Entries 0
TOF total mult(Real-Simu)

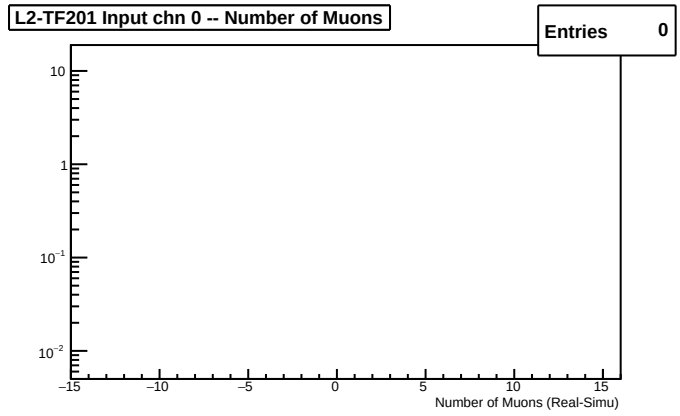

L2-TF201
Entries 3.026449e+07
Threshold/UPC bits
1.57177e+06
1.52885e+06
501662
1.48894e+06
1.53991e+06
1.47358e+06
1.4407e+06
2.75173e+06
2.79465e+06
3.82184e+06
2.83456e+06
2.78359e+06
2.84992e+06
2.88279e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

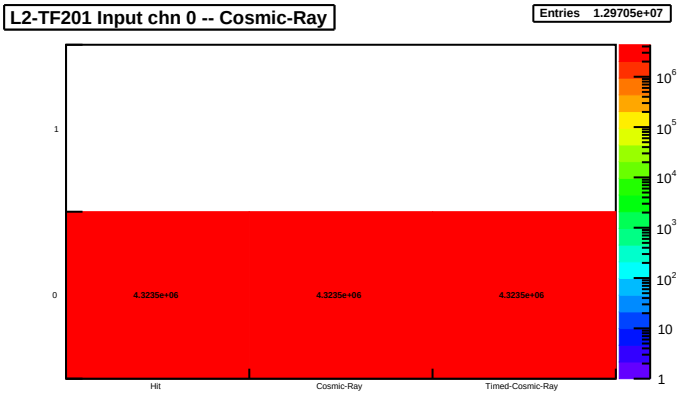

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

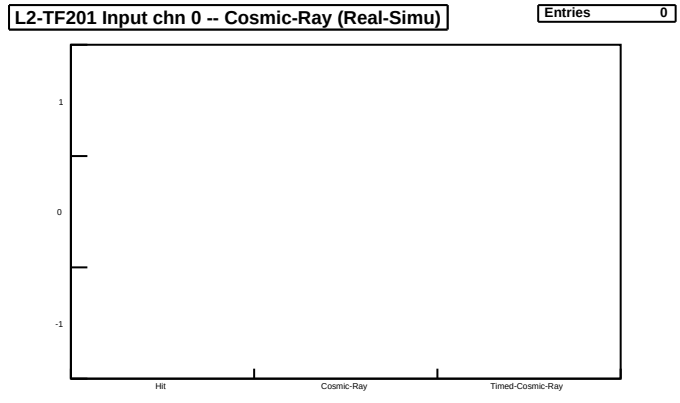

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.458799e+07
Fired
2.33244e+06
1.16486e+06
2.92629e+06
3.00887e+06
1.92386e+06
1.78728e+06
1.66526e+06
2.09781e+06
1.99106e+06
3.15864e+06
1.39721e+06
1.31463e+06
2.39964e+06
2.53622e+06
2.65824e+06
2.22569e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

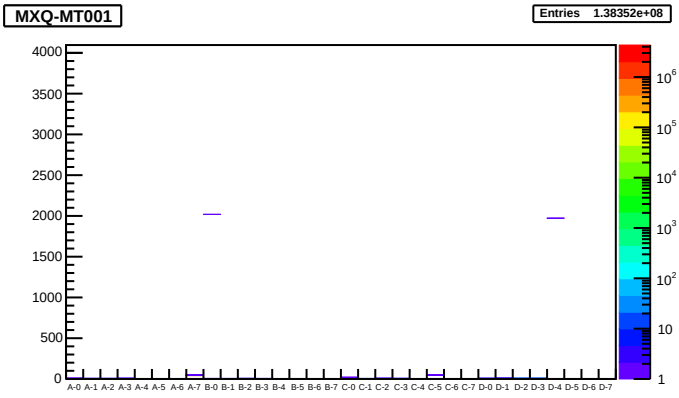

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

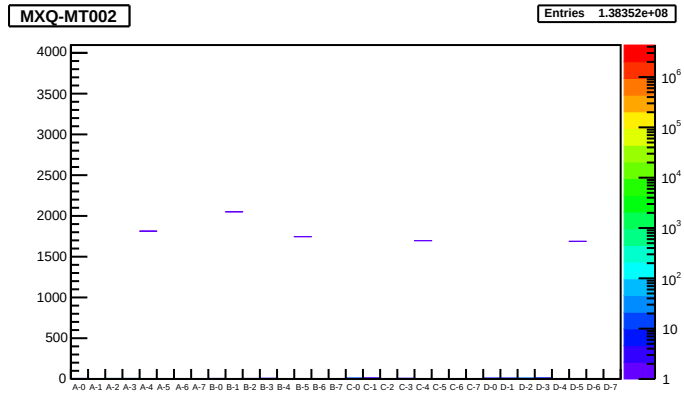

L2-TF201 Input chn 0 -- Number of Muons
Entries4323499
Number of Muons

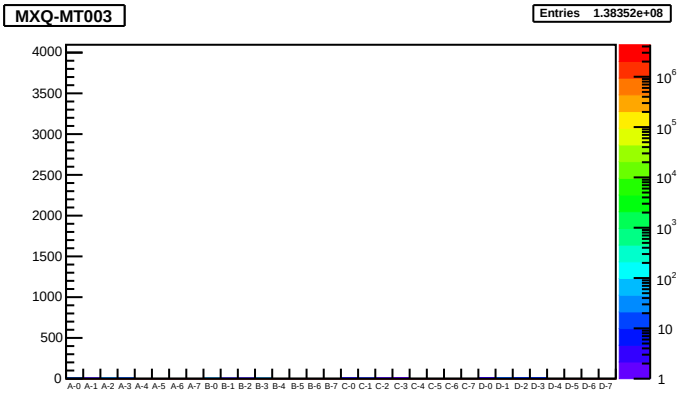

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

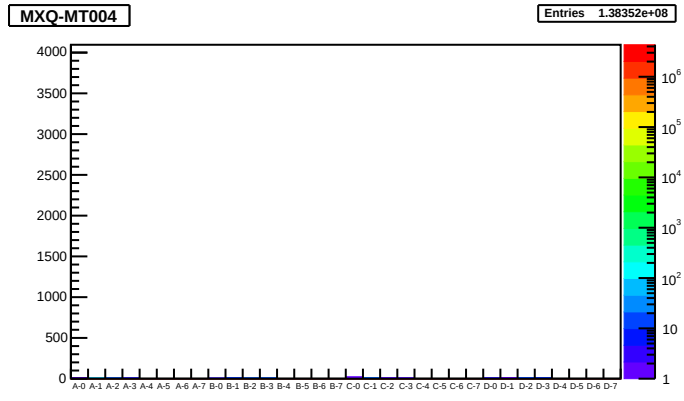

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.29705e+07
4.3235e+06
4.3235e+06
4.3235e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray


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


MXQ-MT001
Entries 1.38352e+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 1.38352e+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 1.38352e+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 1.38352e+08
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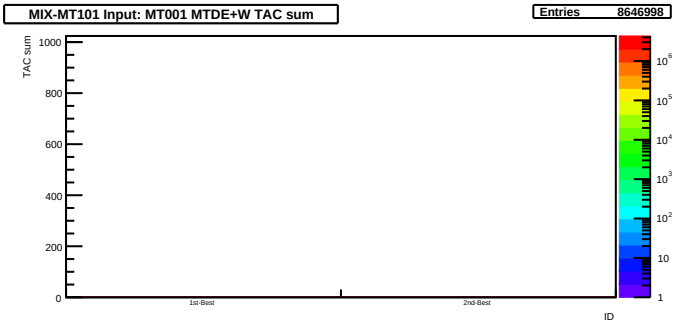
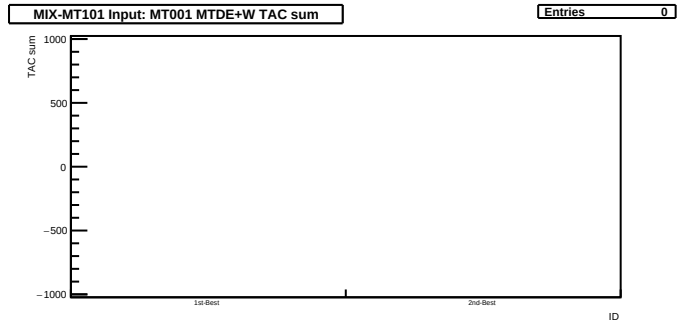
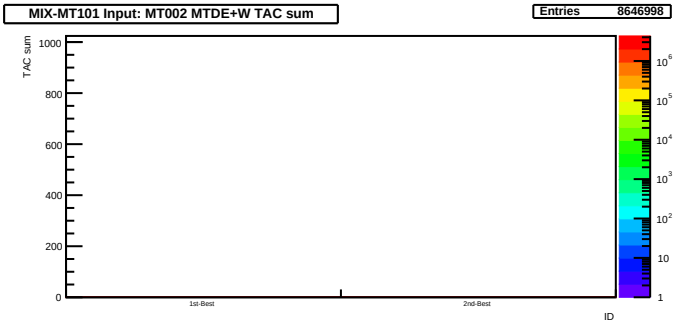
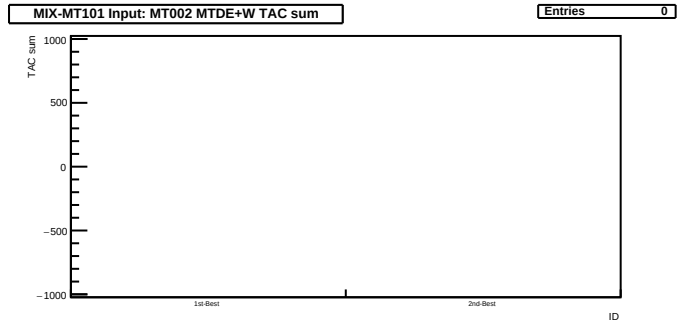
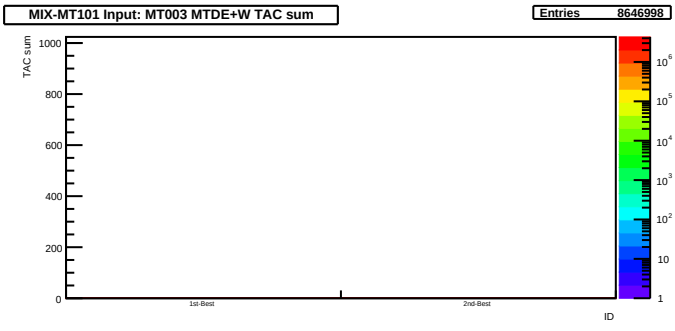
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

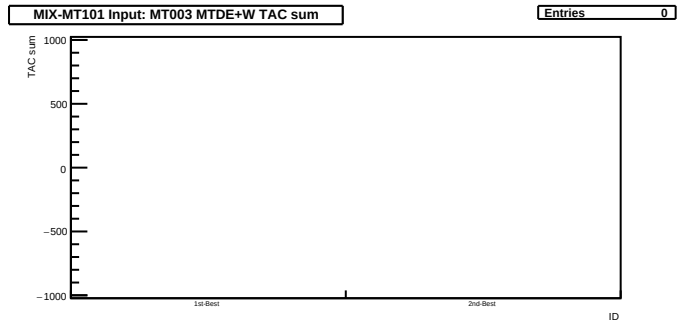

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 8646998
TAC sum
1st-Best
2nd-Best
ID

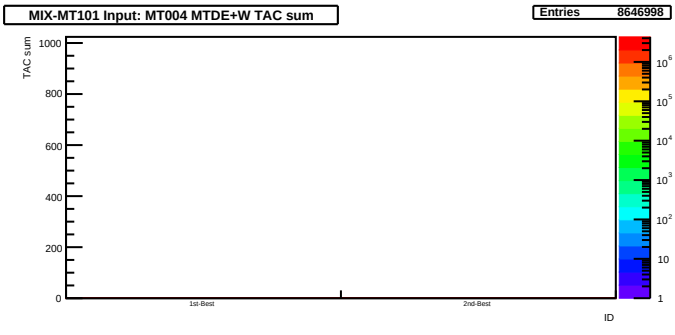

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 0
TAC sum
1st-Best
2nd-Best
ID

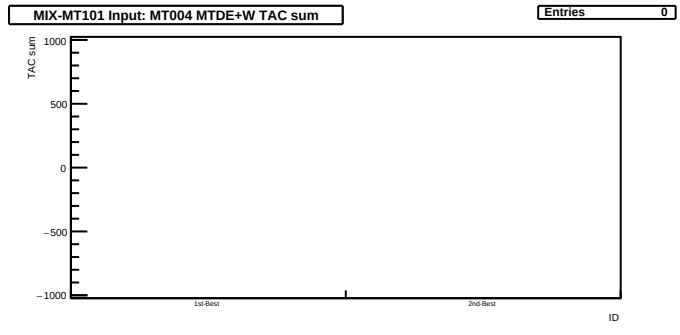

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 8646998
TAC sum
1st-Best
2nd-Best
ID

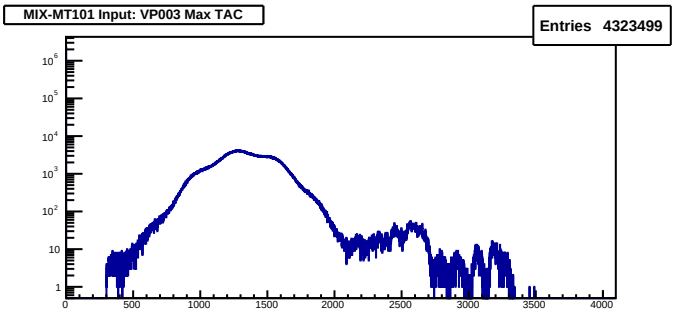

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 0
TAC sum
1st-Best
2nd-Best
ID

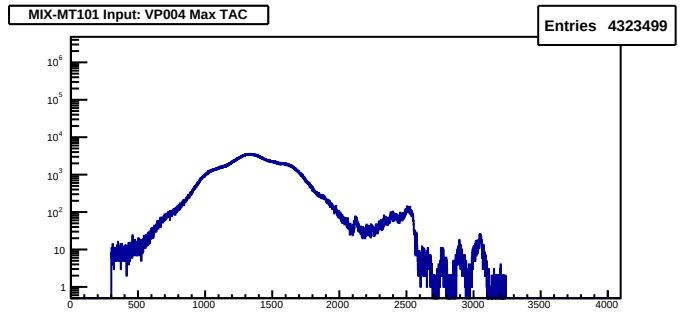

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 8646998
TAC sum
1st-Best
2nd-Best
ID

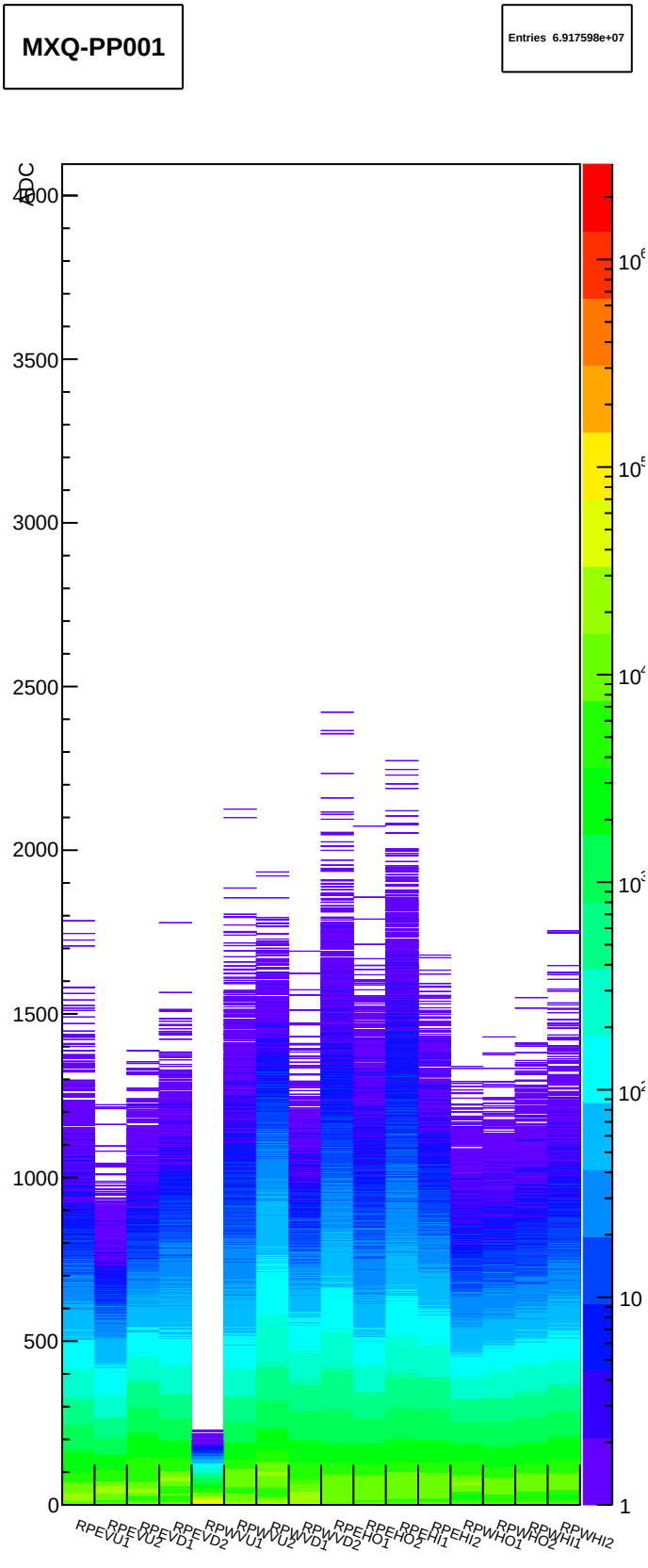

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 0
TAC sum
1st-Best
2nd-Best
ID

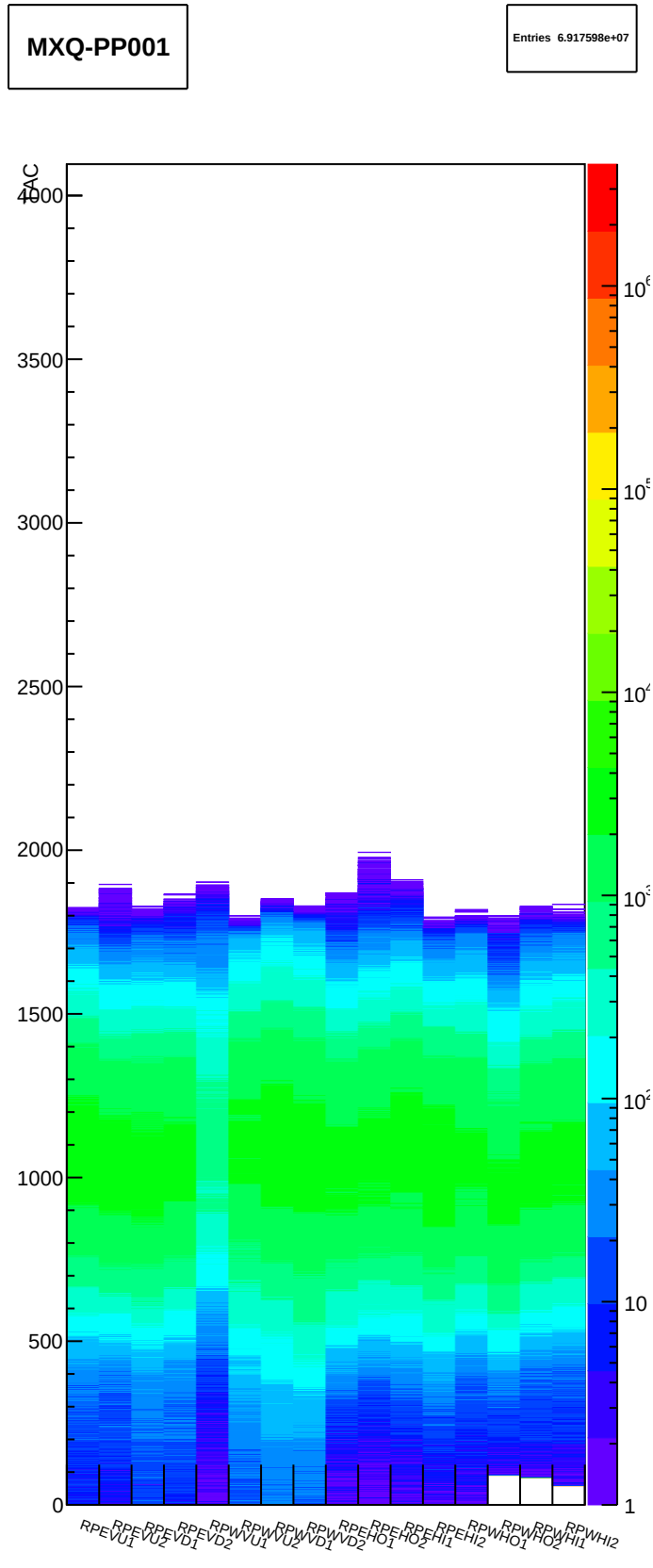

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 8646998
TAC sum
1st-Best
2nd-Best
ID

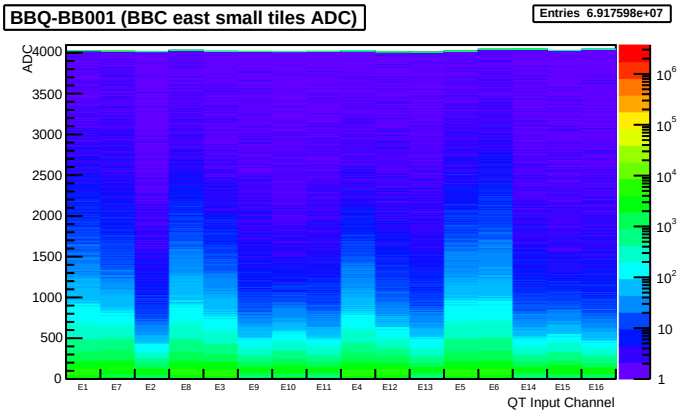

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 0
TAC sum
1st-Best
2nd-Best
ID

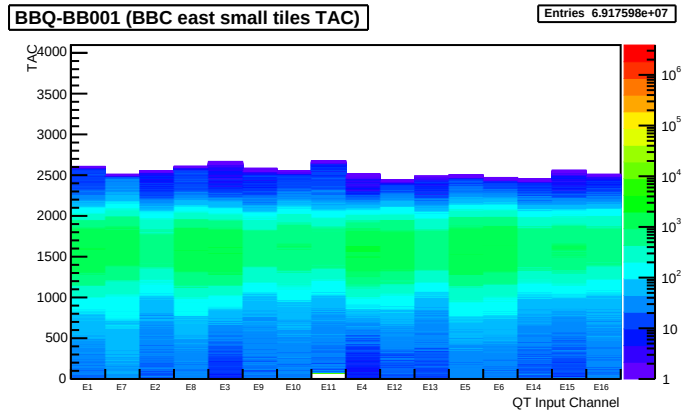

MIX-MT101 Input: VP003 Max TAC
Entries 4323499

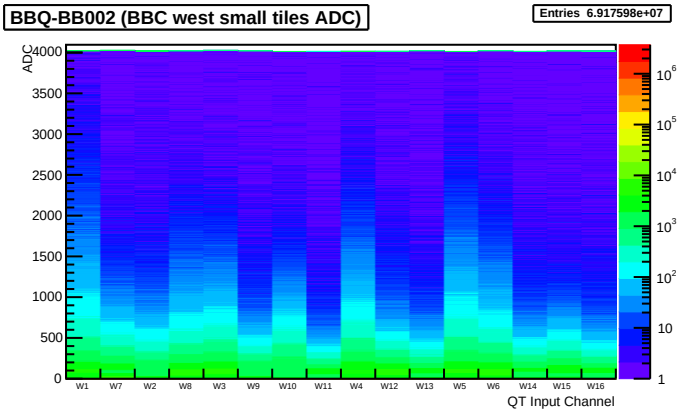

MIX-MT101 Input: VP004 Max TAC
Entries 4323499

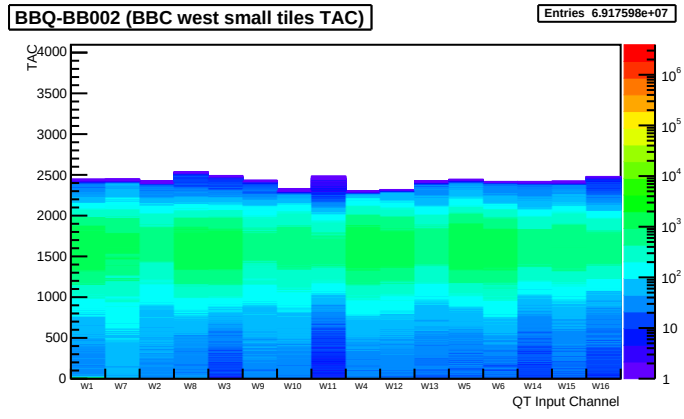

MXQ-PP001
Entries 6.917598e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

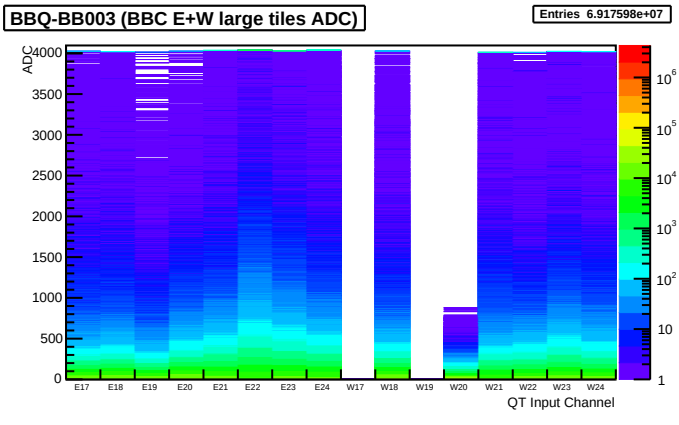

MXQ-PP001
Entries 6.917598e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

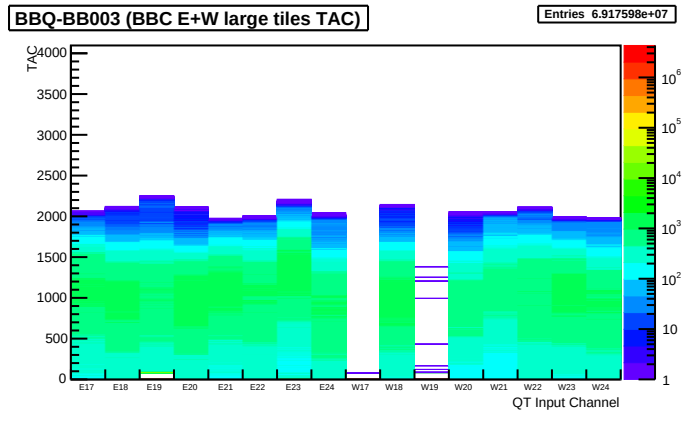

BBQ-BB001 (BBC east small tiles ADC)
Entries 6.917598e+07
ADC
QT Input Channel

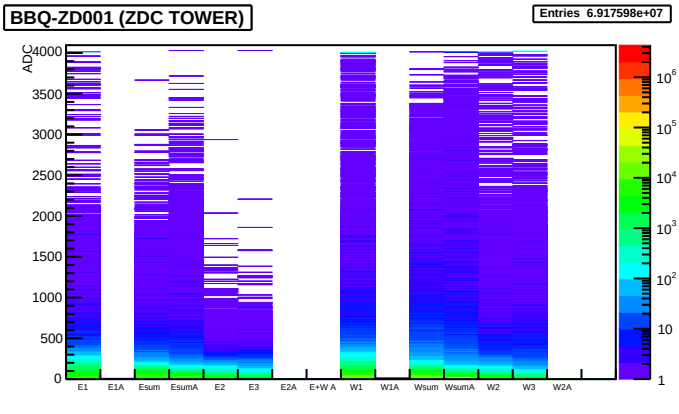

BBQ-BB001 (BBC east small tiles TAC)
Entries 6.917598e+07
TAC
QT Input Channel

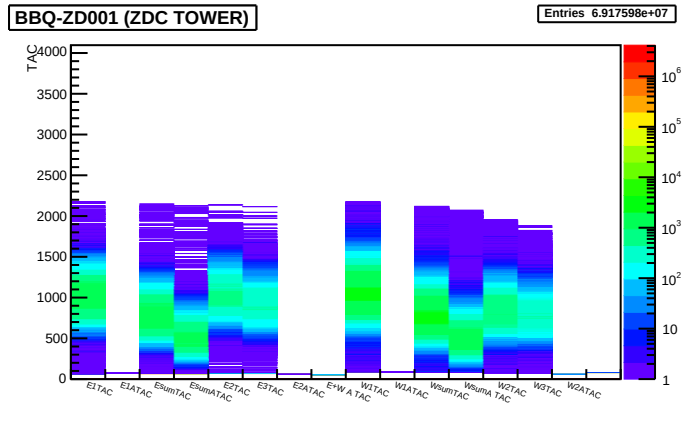

BBQ-BB002 (BBC west small tiles ADC)
Entries 6.917598e+07
ADC
QT Input Channel

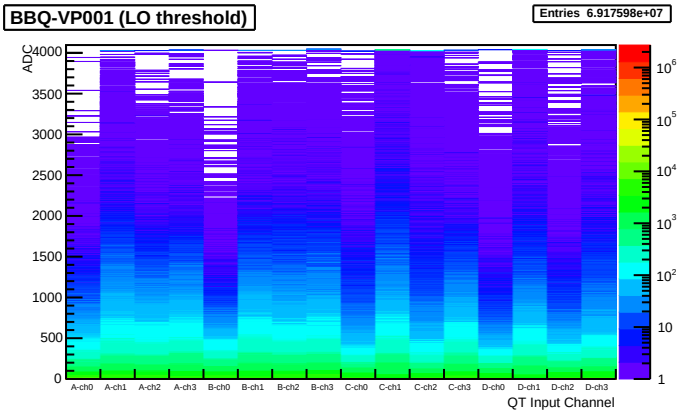

BBQ-BB002 (BBC west small tiles TAC)
Entries 6.917598e+07
TAC
QT Input Channel

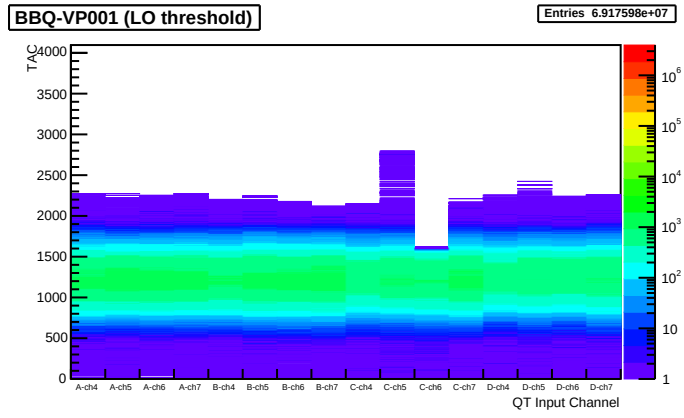

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.917598e+07
ADC
QT Input Channel

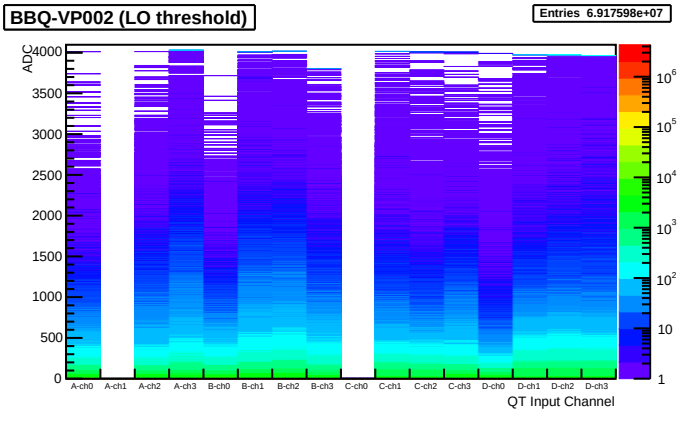

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.917598e+07
TAC
QT Input Channel

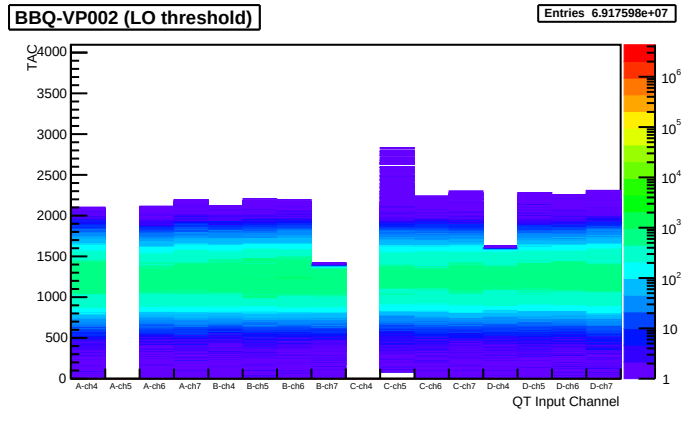

BBQ-ZD001 (ZDC TOWER)
Entries 6.917598e+07
ADC

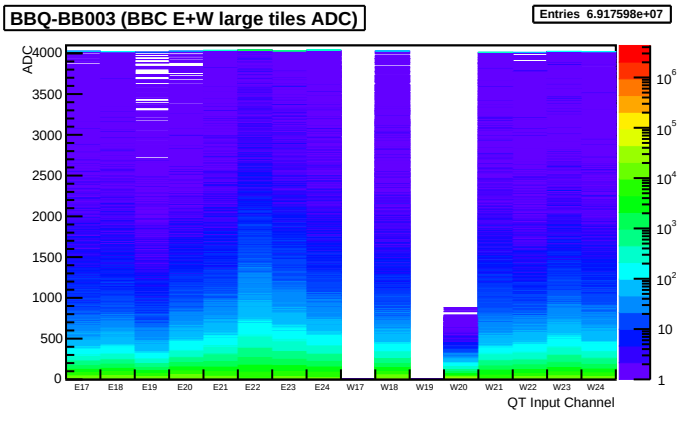

BBQ-ZD001 (ZDC TOWER)
Entries 6.917598e+07
TAC

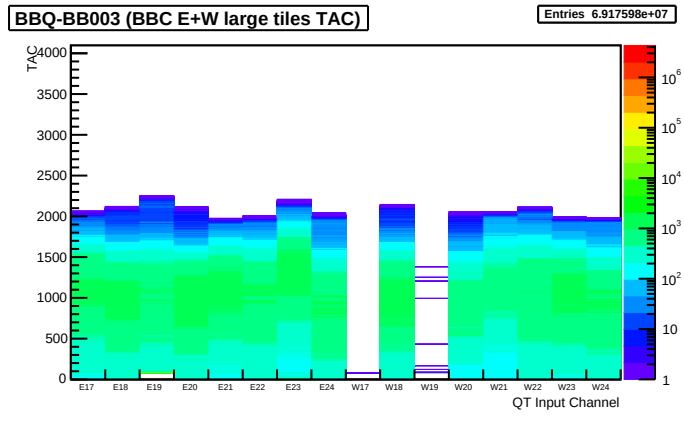

BBQ-VP001 (LO threshold)
Entries 6.917598e+07
ADC
QT Input Channel

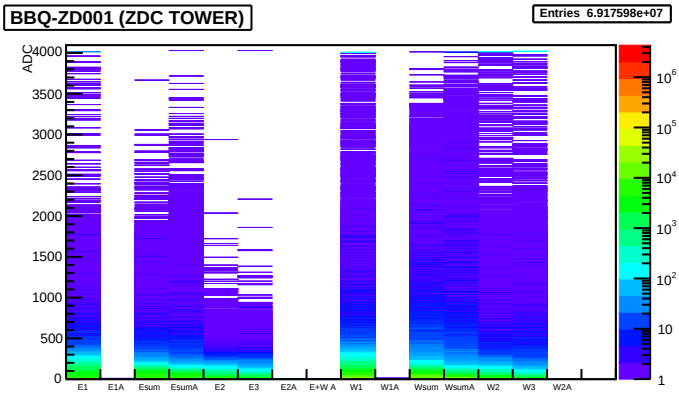

BBQ-VP001 (LO threshold)
Entries 6.917598e+07
TAC
QT Input Channel

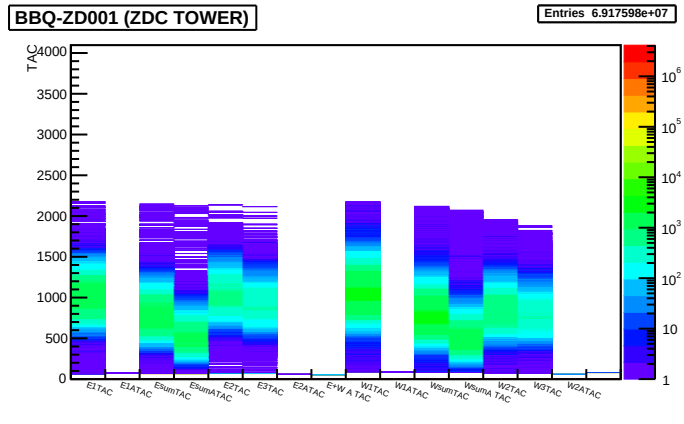

BBQ-VP002 (LO threshold)
Entries 6.917598e+07
ADC
QT Input Channel

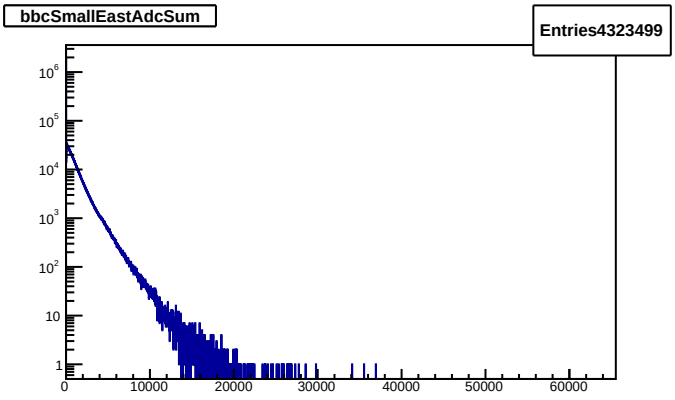

BBQ-VP002 (LO threshold)
Entries 6.917598e+07
TAC
QT Input Channel

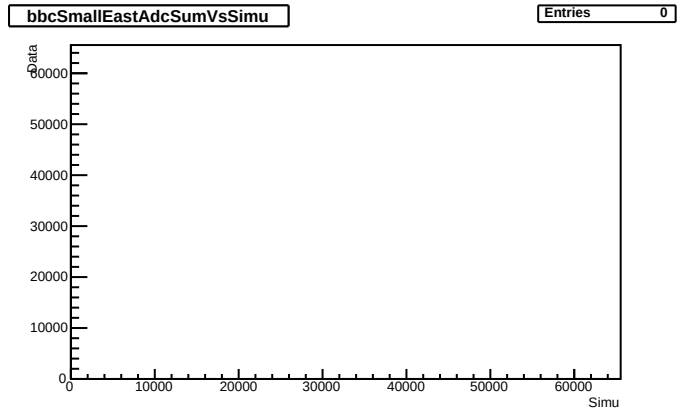

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.917598e+07
ADC
QT Input Channel

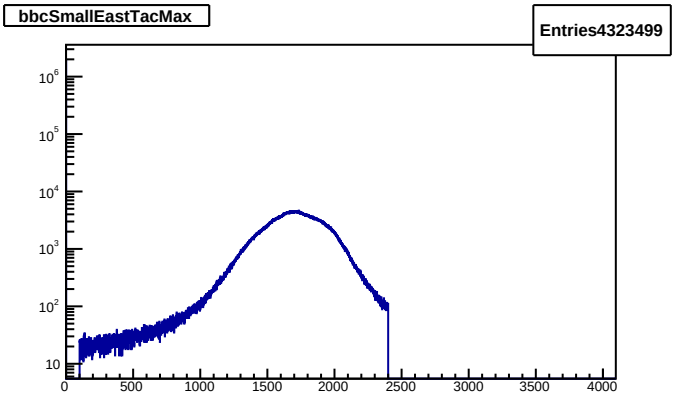

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.917598e+07
TAC
QT Input Channel

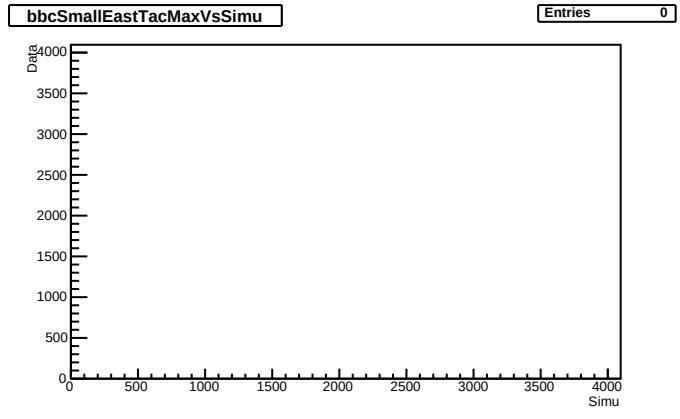

BBQ-ZD001 (ZDC TOWER)
Entries 6.917598e+07
ADC

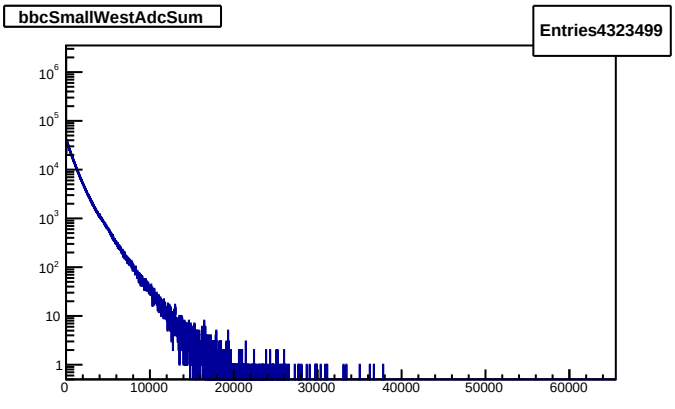

BBQ-ZD001 (ZDC TOWER)
Entries 6.917598e+07
TAC

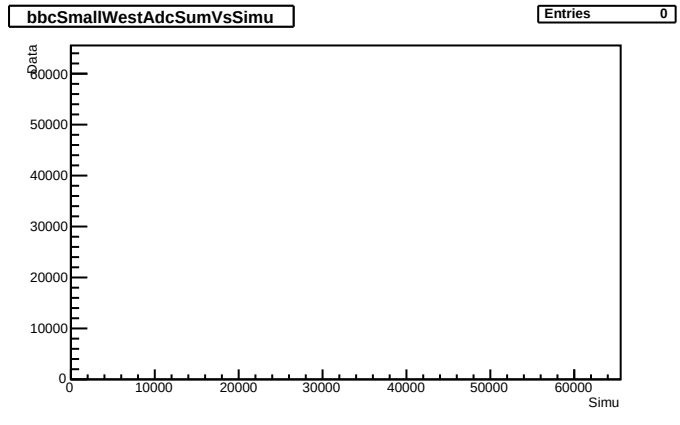

bbcSmallEastAdcSum
Entries4323499

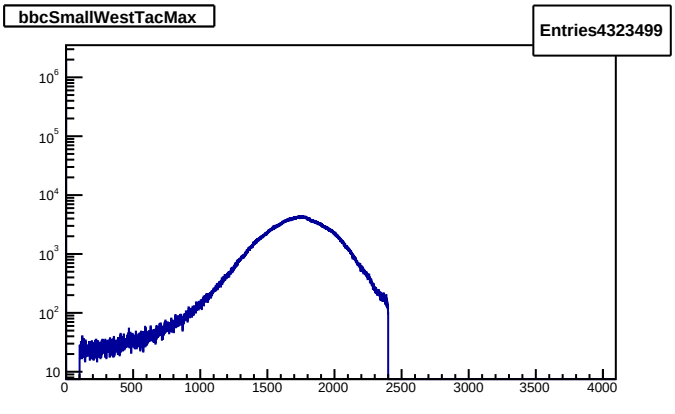

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

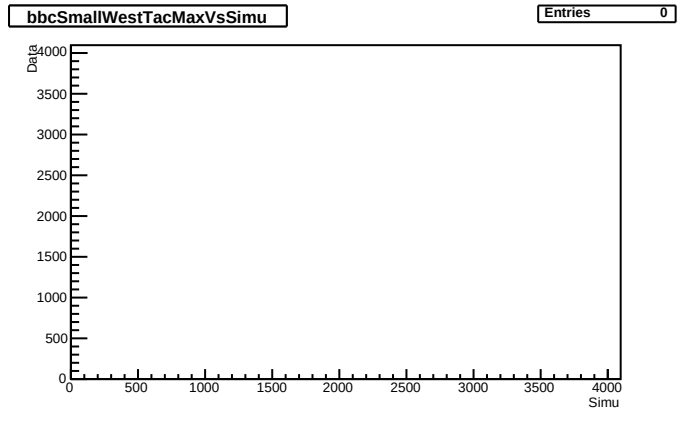

bbcSmallEastTacMax
Entries4323499

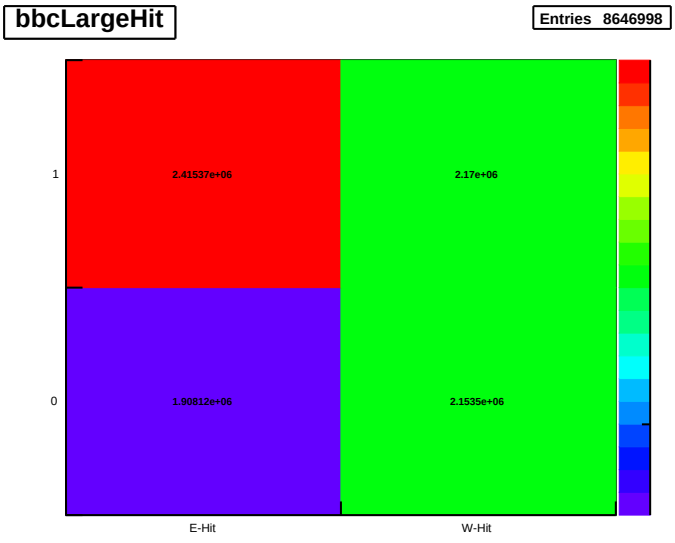

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

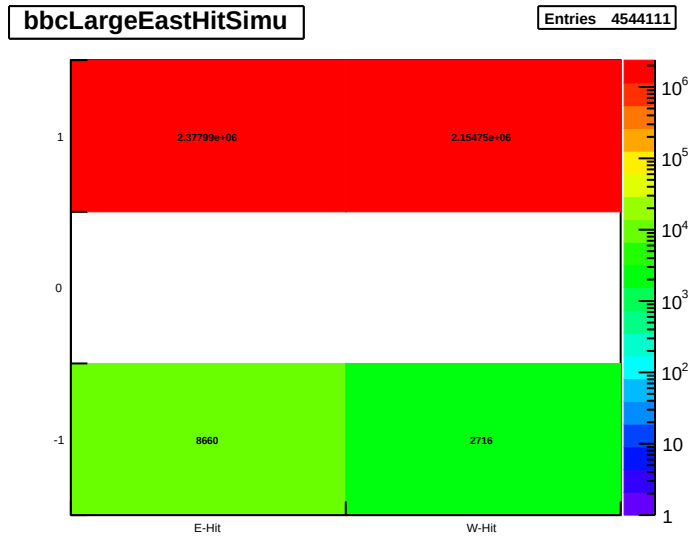

bbcSmallWestAdcSum
Entries4323499

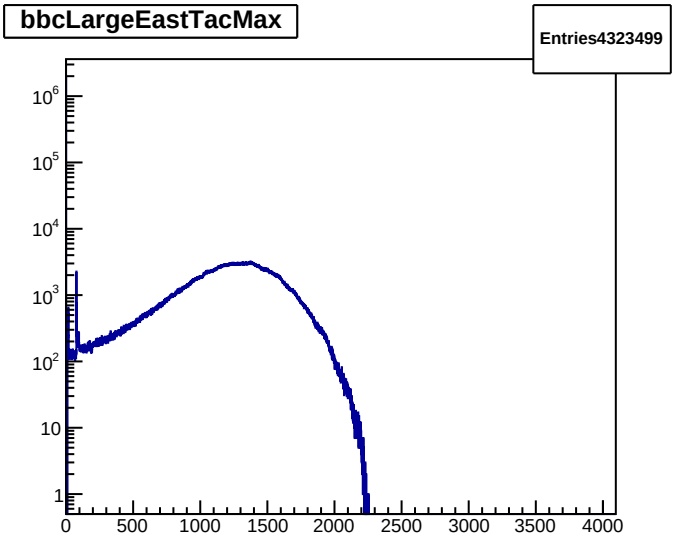

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

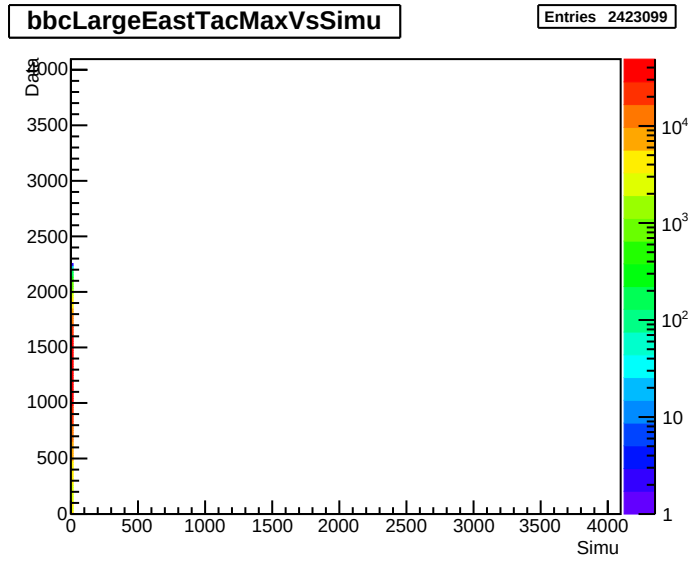

bbcSmallWestTacMax
Entries4323499

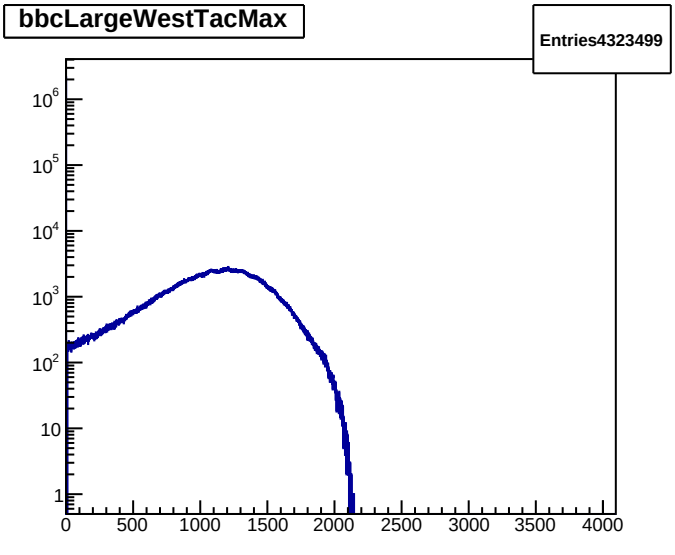

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

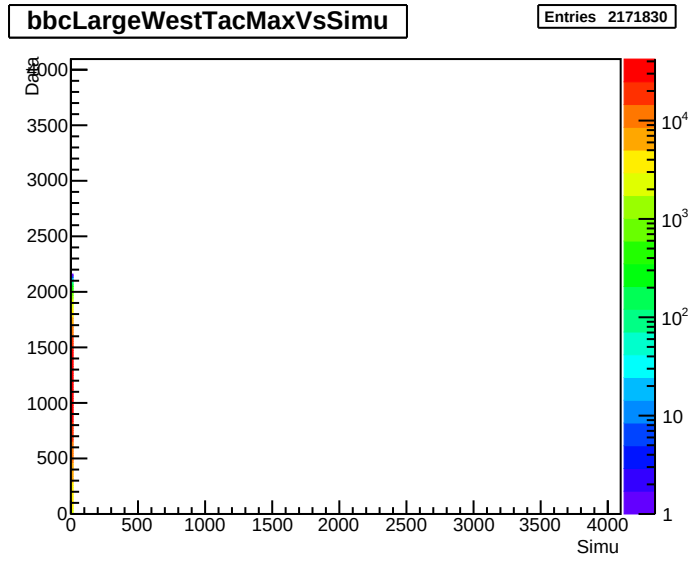

bbcLargeHit
Entries 8646998
2.41537e+06
2.17e+06
1.90812e+06
2.1535e+06
1
0
E-Hit
W-Hit

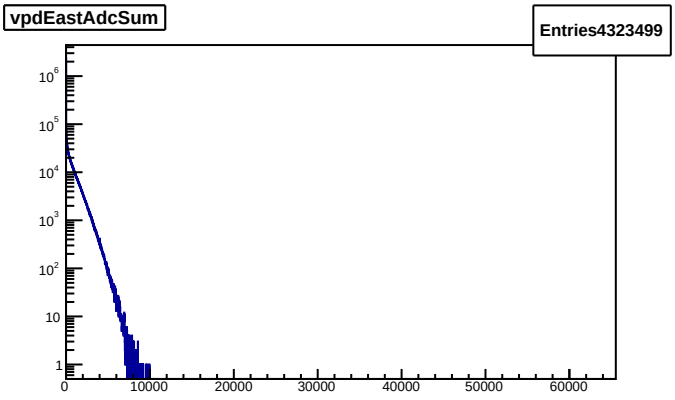

bbcLargeEastHitSimu
Entries 4544111
2.37799e+06
2.15475e+06
8660
2716
1
0
-1
E-Hit
W-Hit

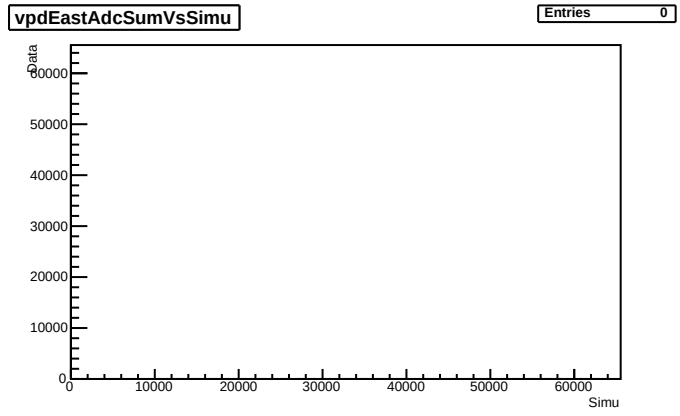

bbcLargeEastTacMax
Entries4323499

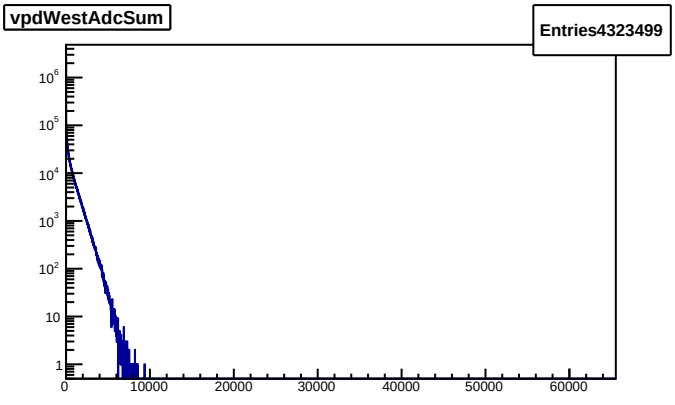

bbcLargeEastTacMaxVsSimu
Entries 2423099
Data
Simu

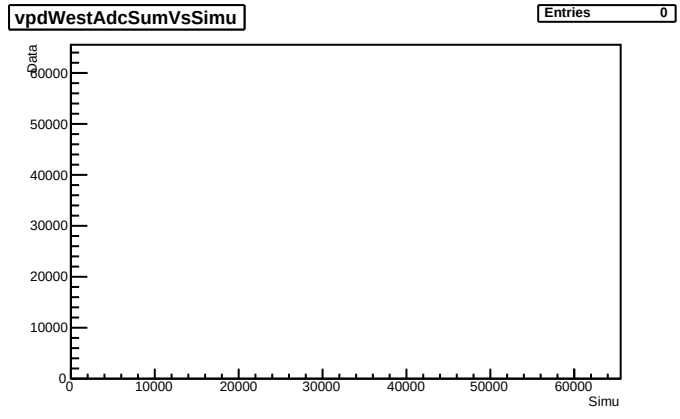

bbcLargeWestTacMax
Entries4323499

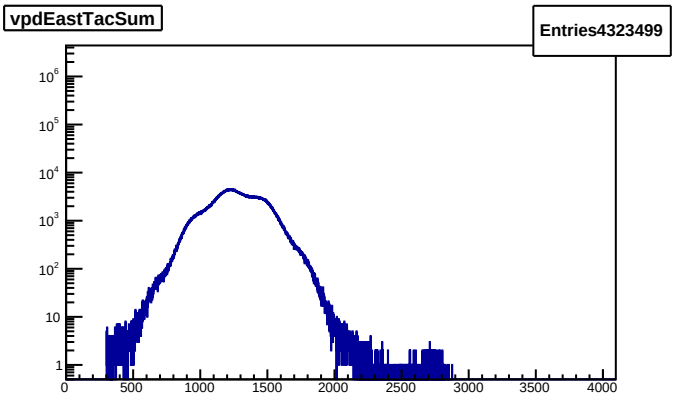

bbcLargeWestTacMaxVsSimu
Entries 2171830
Data
Simu

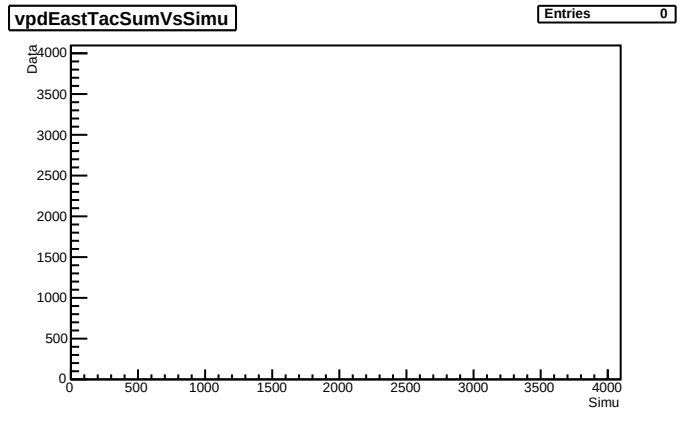

vpdEastAdcSum
Entries4323499

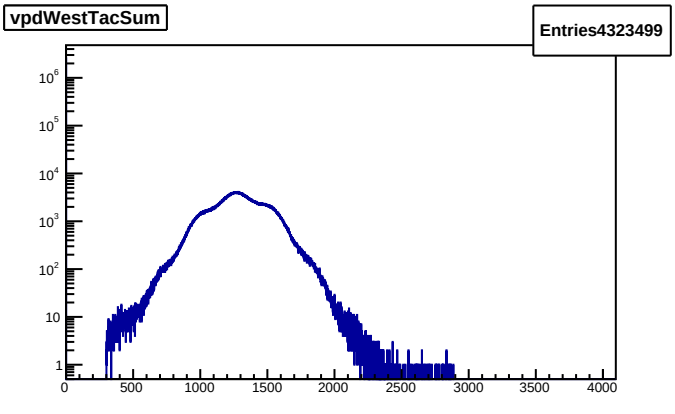

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

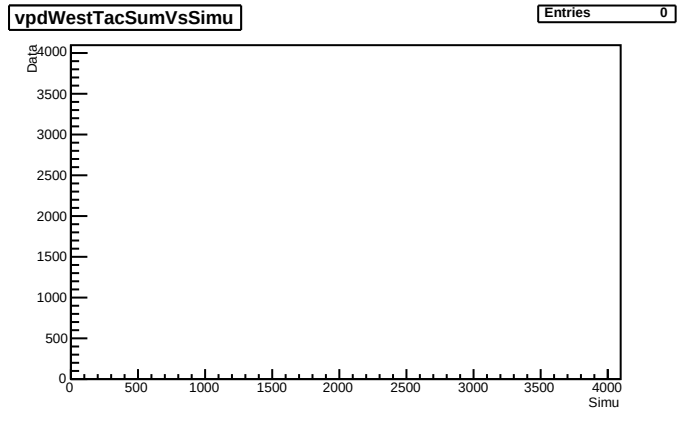

vpdWestAdcSum
Entries4323499

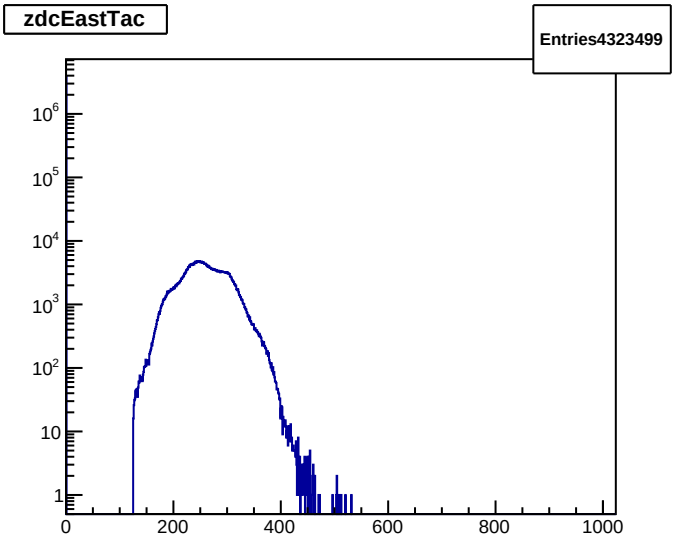

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

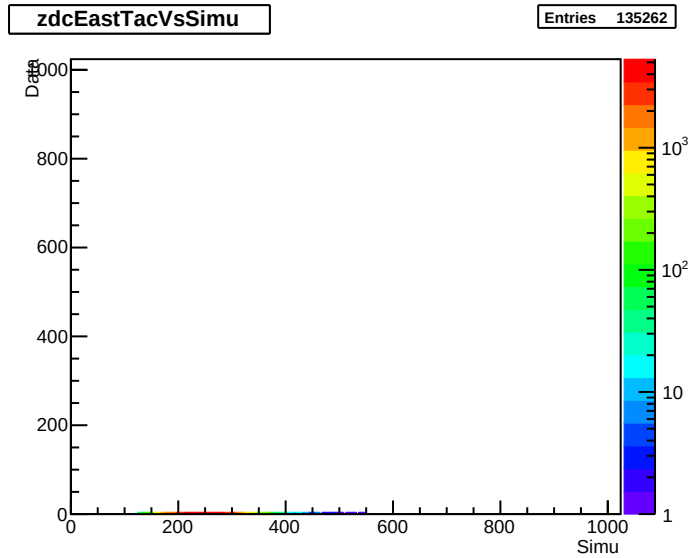

vpdEastTacSum
Entries4323499

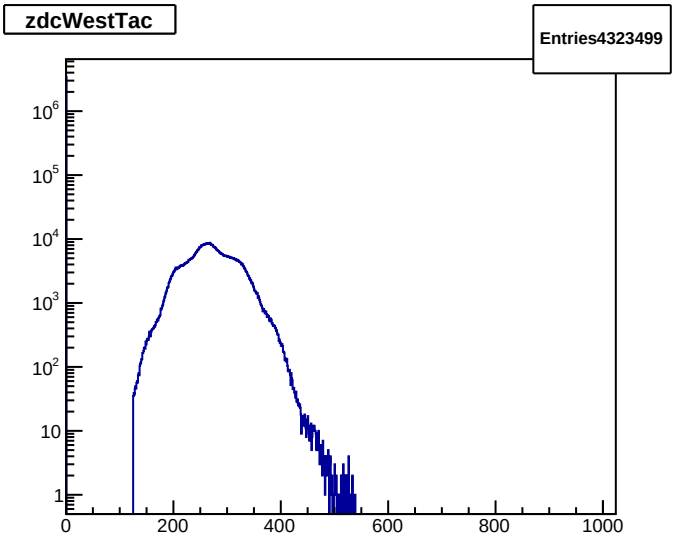

vpdEastTacSumVsSimu
Entries 0
Data
Simu

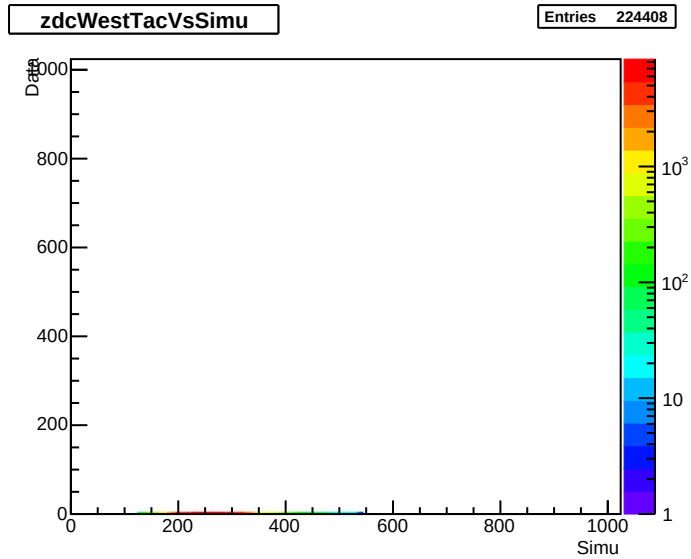

vpdWestTacSum
Entries4323499

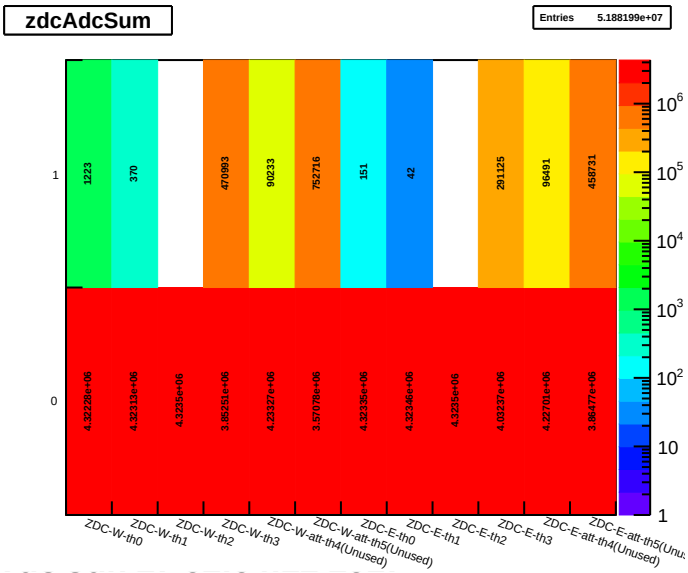

vpdWestTacSumVsSimu
Entries 0
Data
Simu

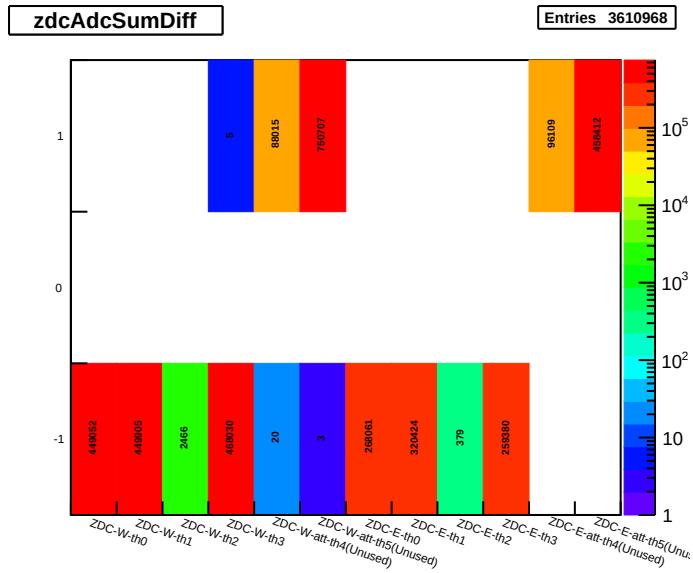

zdcEastTac
Entries4323499

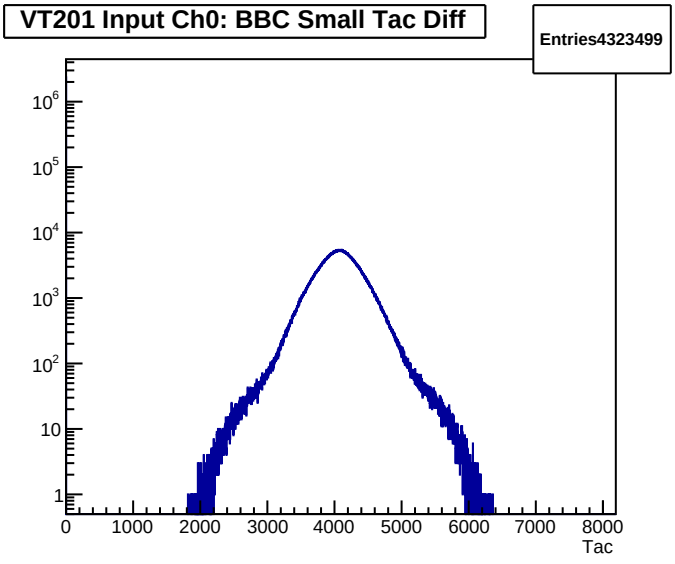

zdcEastTacVsSimu
Entries 135262
Data
Simu

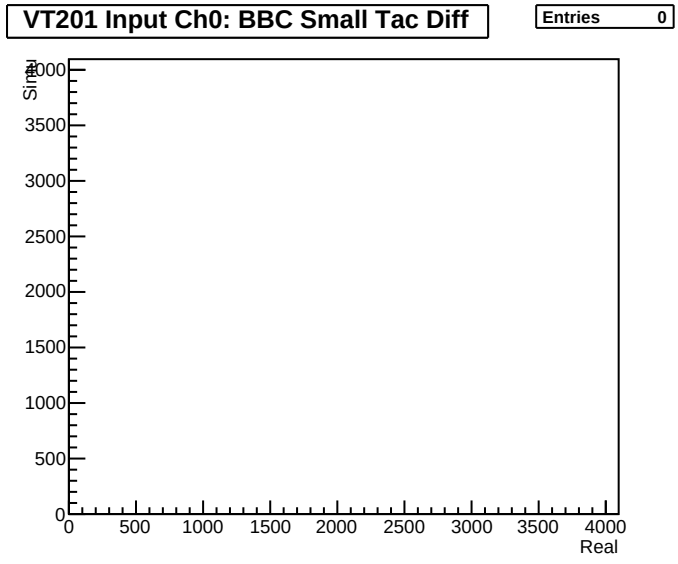

zdcWestTac
Entries4323499

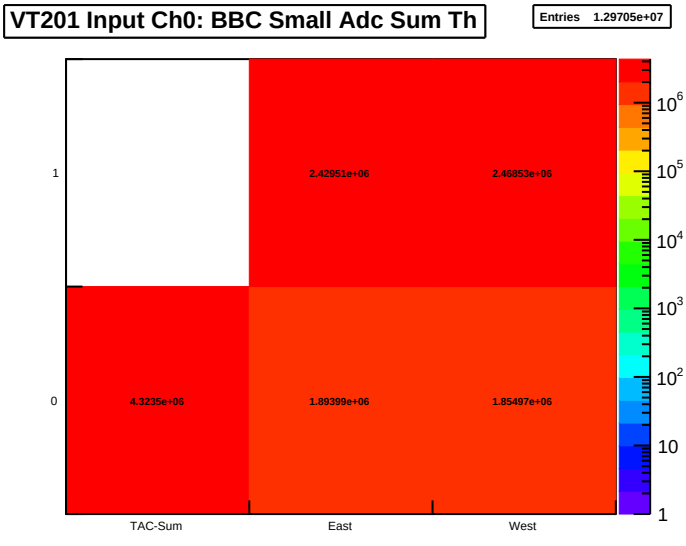

zdcWestTacVsSimu
Entries 224408
Data
Simu

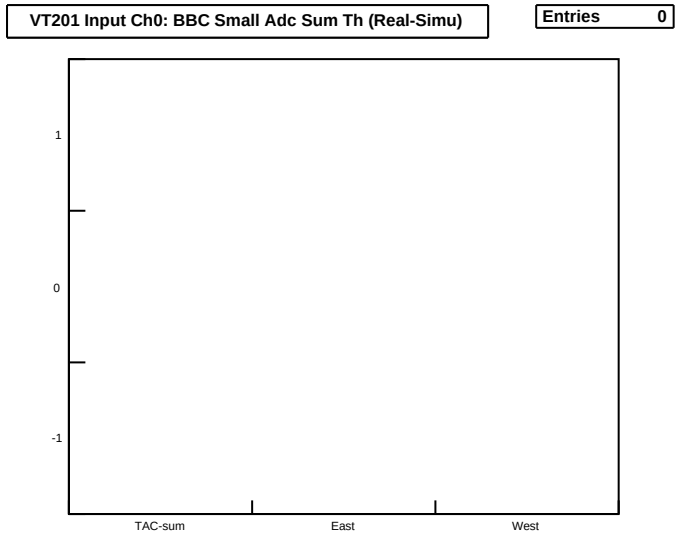

zdcAdcSum
Entries 5.188199e+07
1223
370
470993
90233
752716
151
42
291125
96491
458731
4.32228e+06
4.32313e+06
4.3235e+06
3.85251e+06
4.23327e+06
3.57078e+06
4.32335e+06
4.32346e+06
4.3235e+06
4.02237e+06
4.22701e+06
3.86477e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

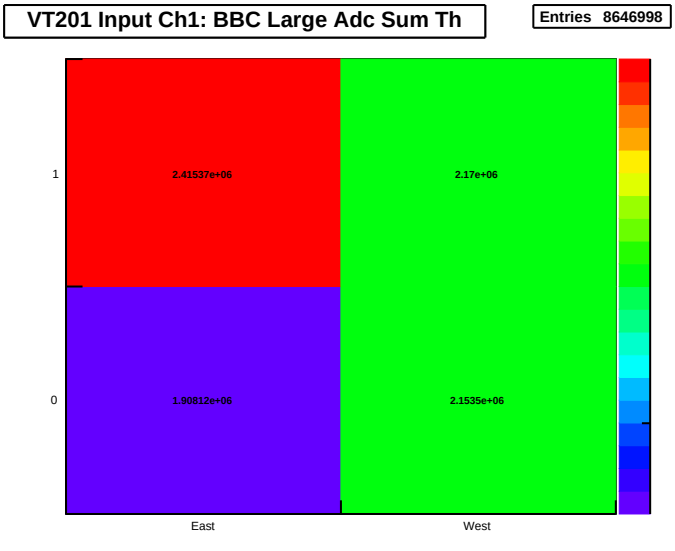

zdcAdcSumDiff
Entries 3610968
5
88015
750707
96109
458412
449052
449005
2466
468030
20
3
268061
320424
379
253380
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

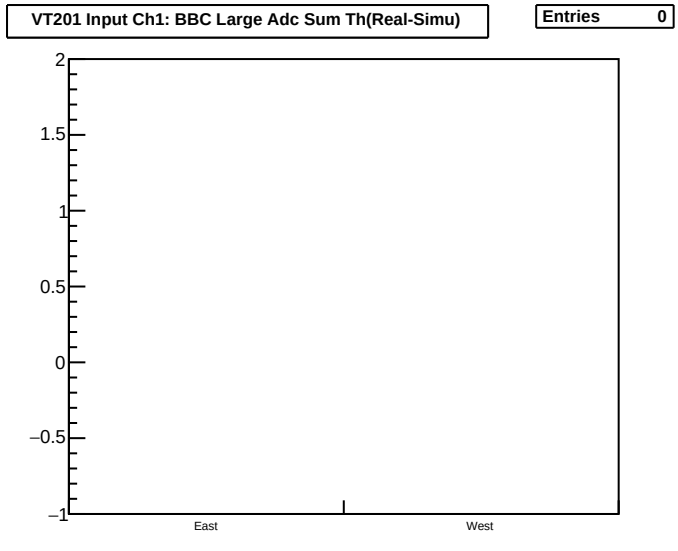

VT201 Input Ch0: BBC Small Tac Diff
Entries4323499
Tac


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

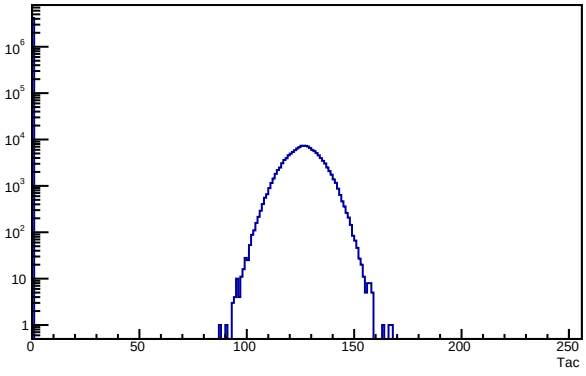

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.29705e+07
2.42951e+06
2.46853e+06
4.3235e+06
1.89399e+06
1.85497e+06
TAC-Sum
East
West


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

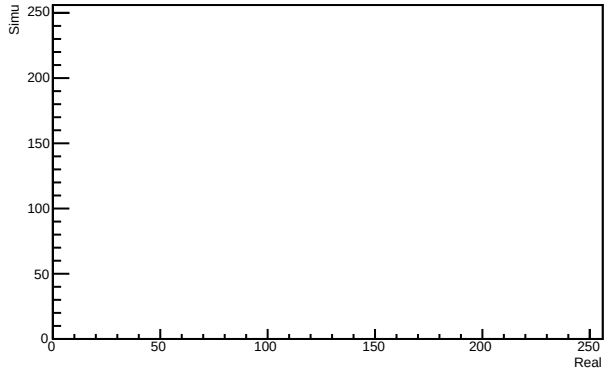

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 8646998
2.41537e+06
2.17e+06
1.90812e+06
2.1535e+06
East
West


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

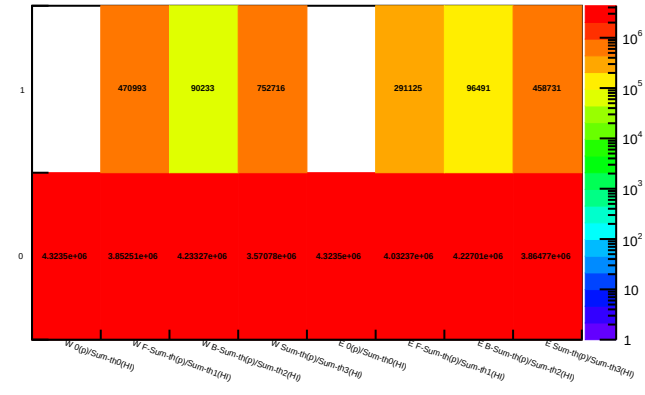
VT201 Input Ch2: ZDC Tac Diff



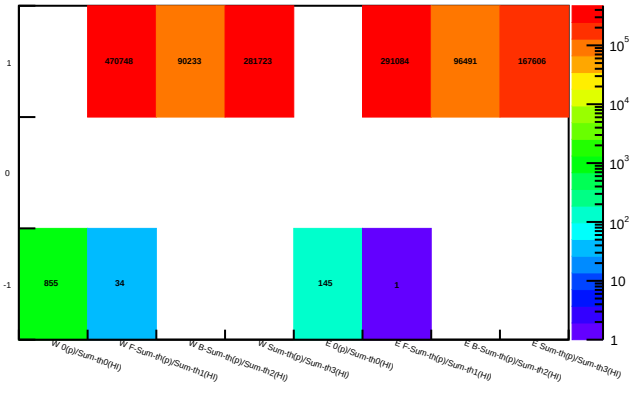
VT201 Input Ch2: ZDC Tac Diff



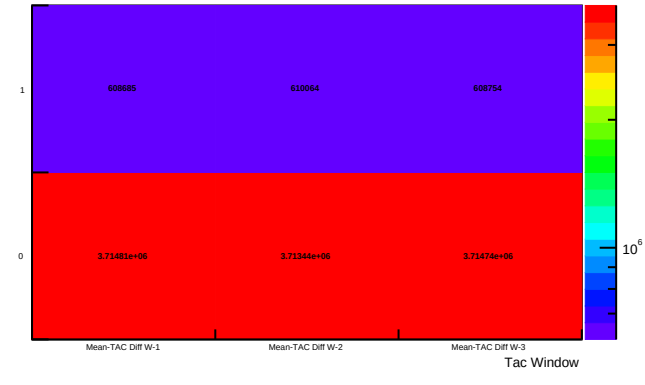
VT201 Input Ch2: ZDC Adc Sum Th



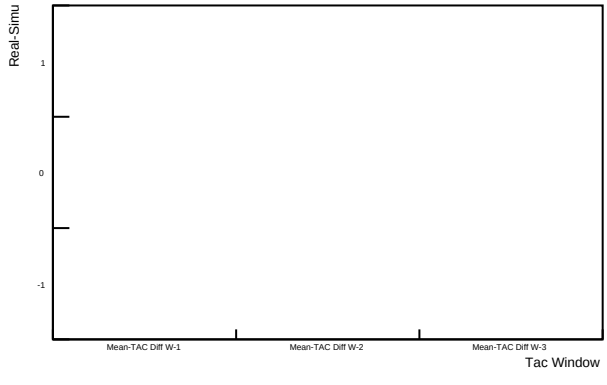
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



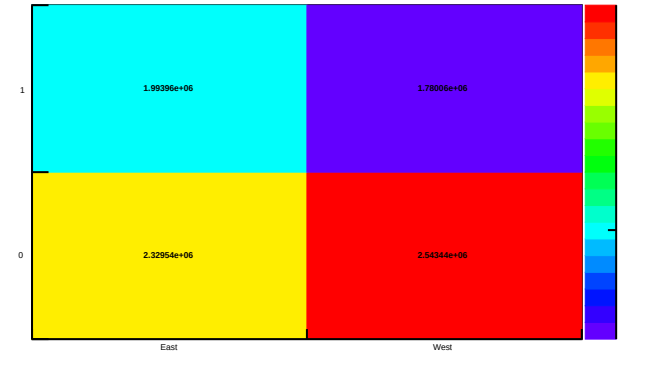
VT201 Input Ch4: VPD Tac Diff



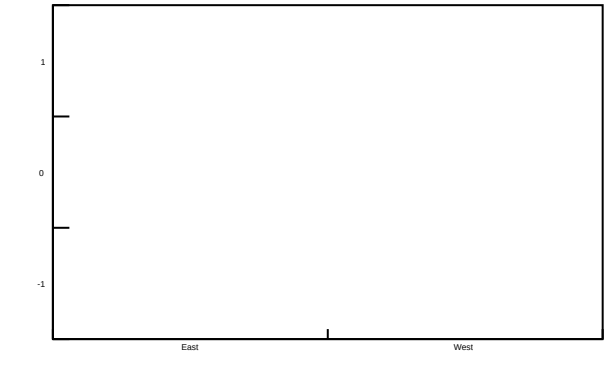
VT201 Input Ch4: VPD Tac Diff

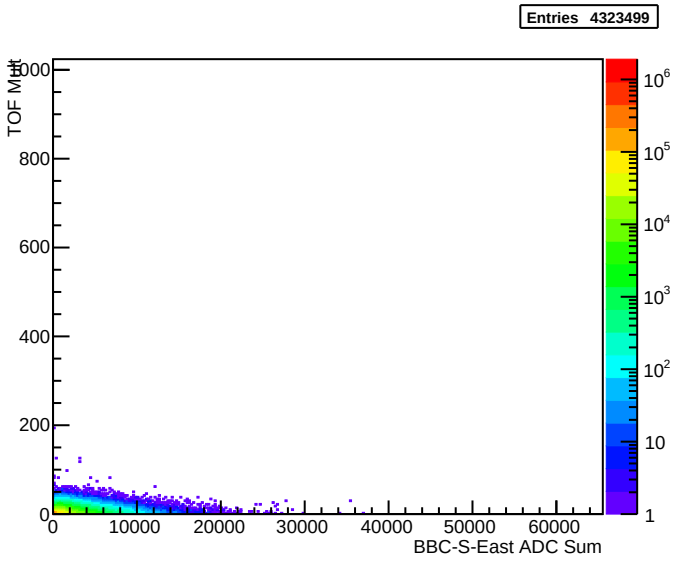


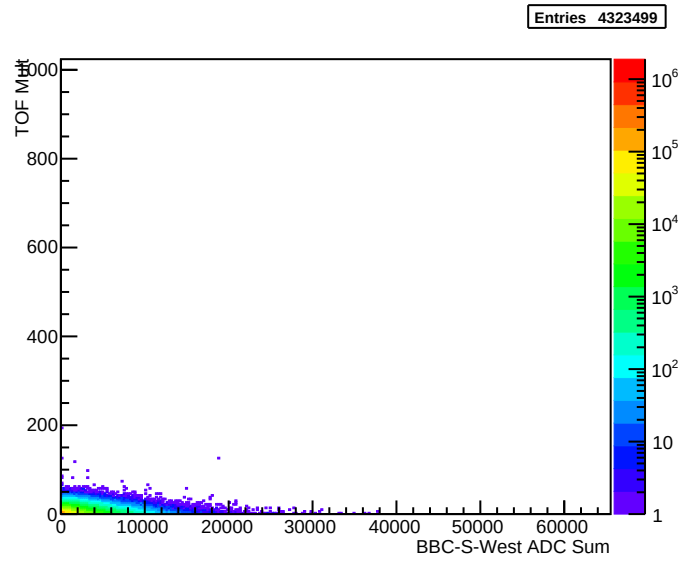
VT201 Input Ch4: VPD Adc Sum Th

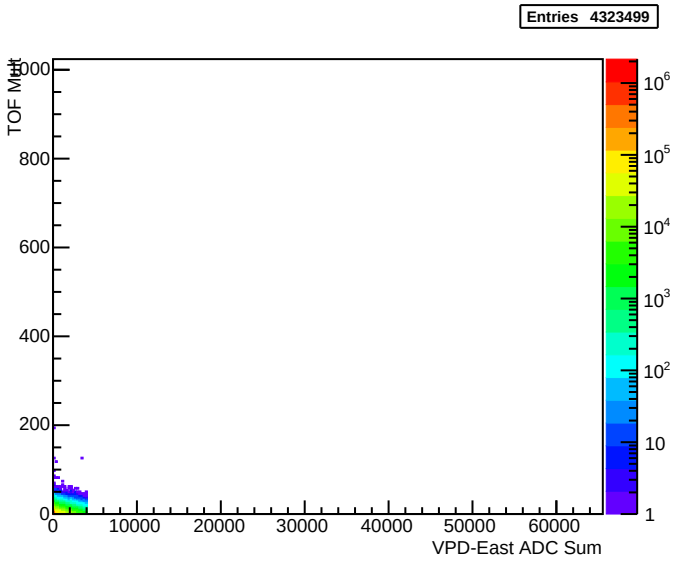


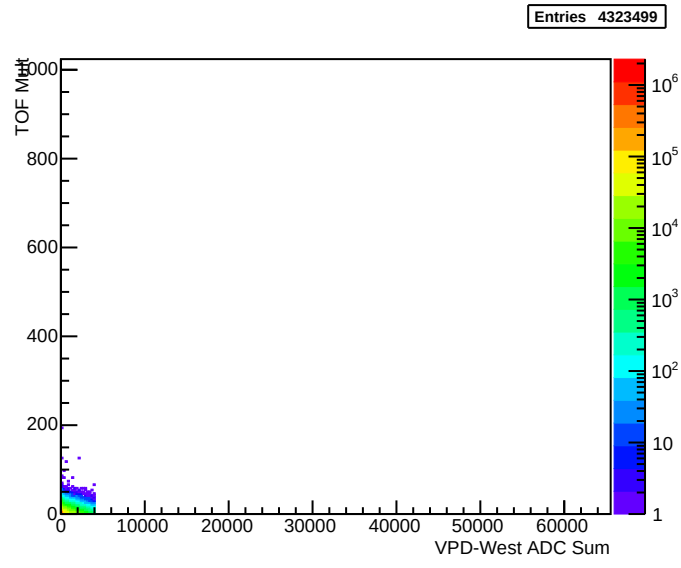
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

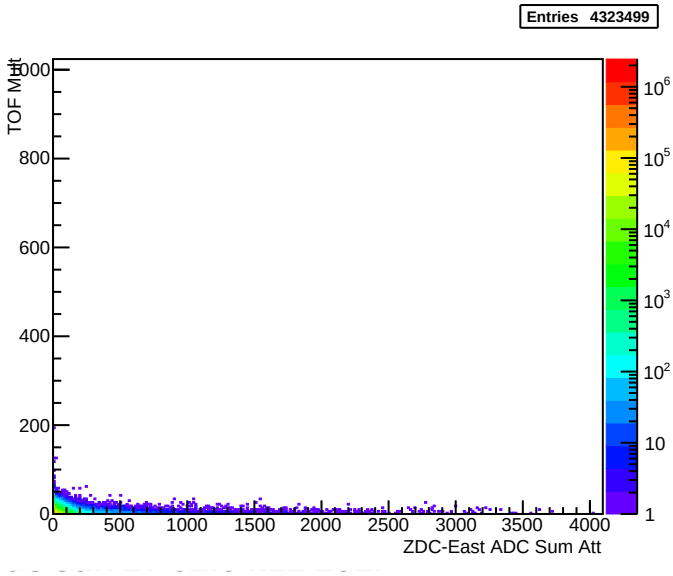


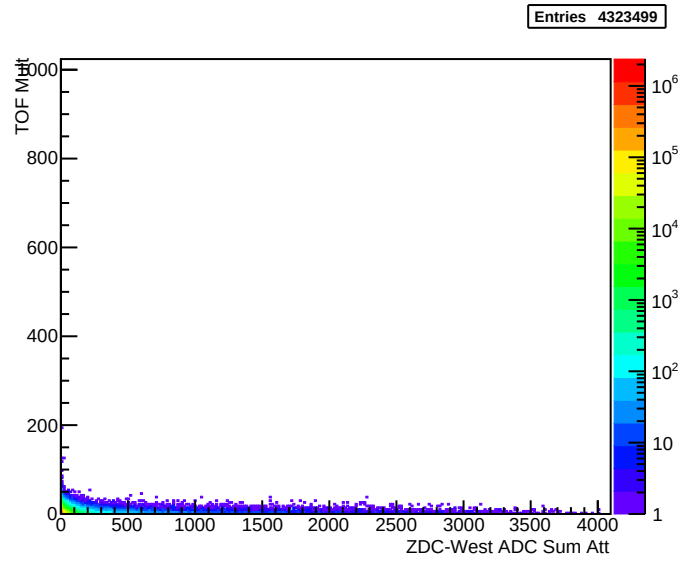

Entries 4323499
TOF Mult
BBC-S-East ADC Sum

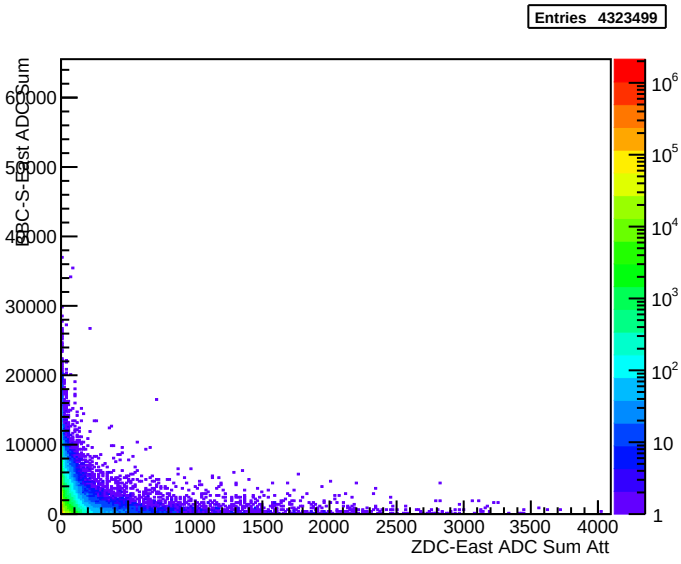

Entries 4323499
TOF Mult
BBC-S-West ADC Sum

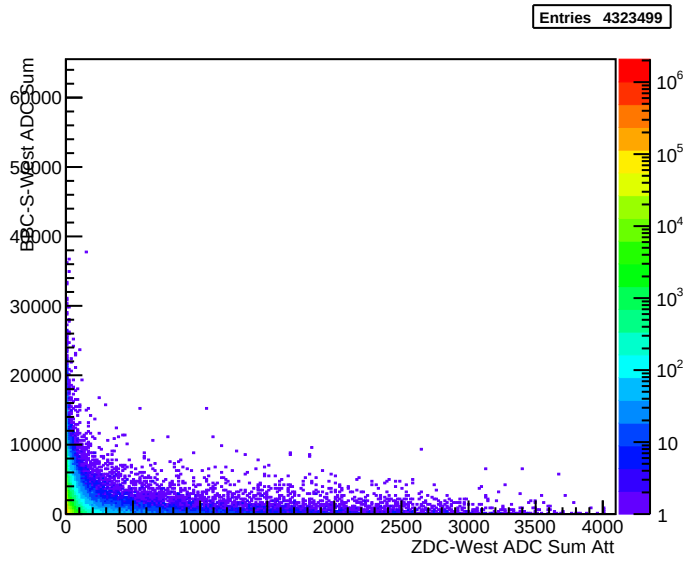

Entries 4323499
TOF Mult
VPD-East ADC Sum

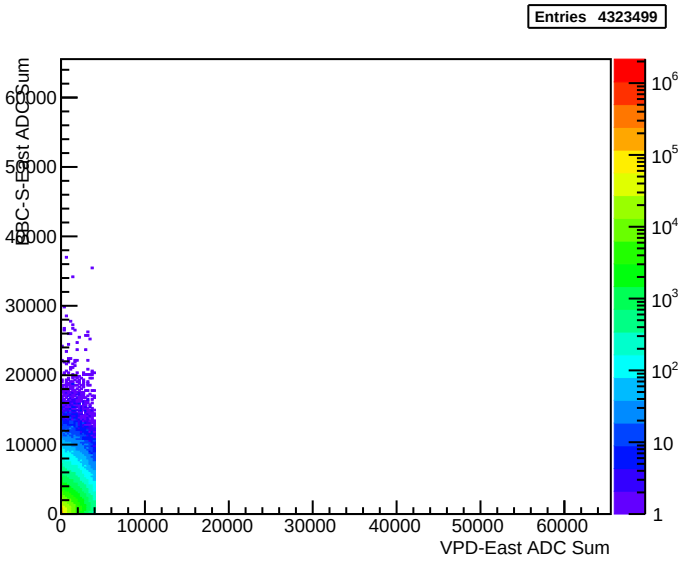

Entries 4323499
TOF Mult
VPD-West ADC Sum

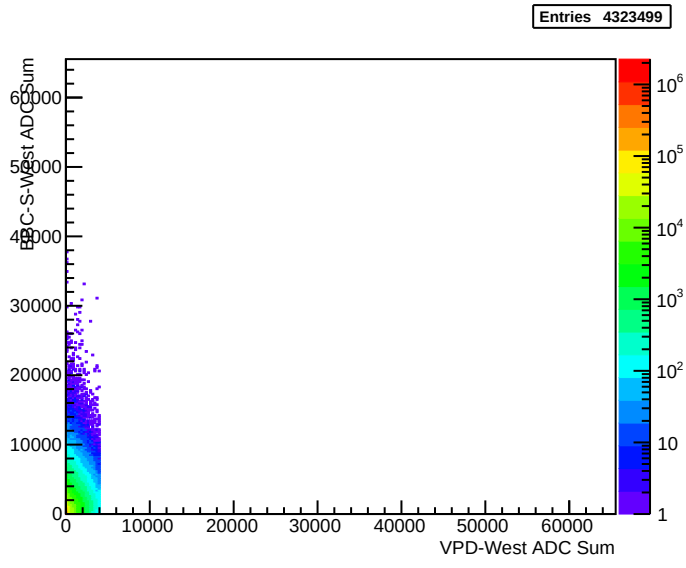

Entries 4323499
TOF Mult
ZDC-East ADC Sum Att

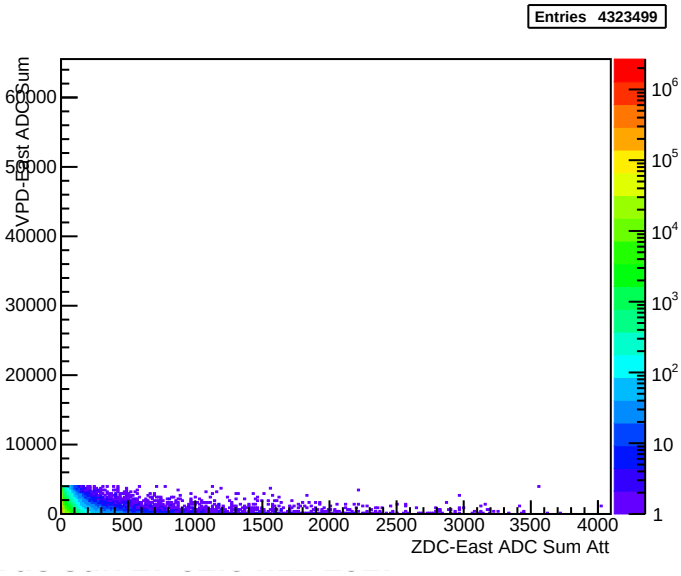

Entries 4323499
TOF Mult
ZDC-West ADC Sum Att

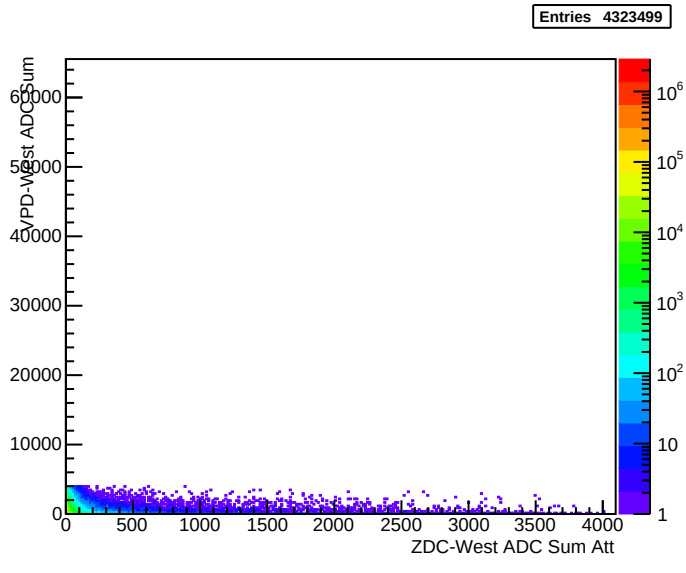

Entries 4323499
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

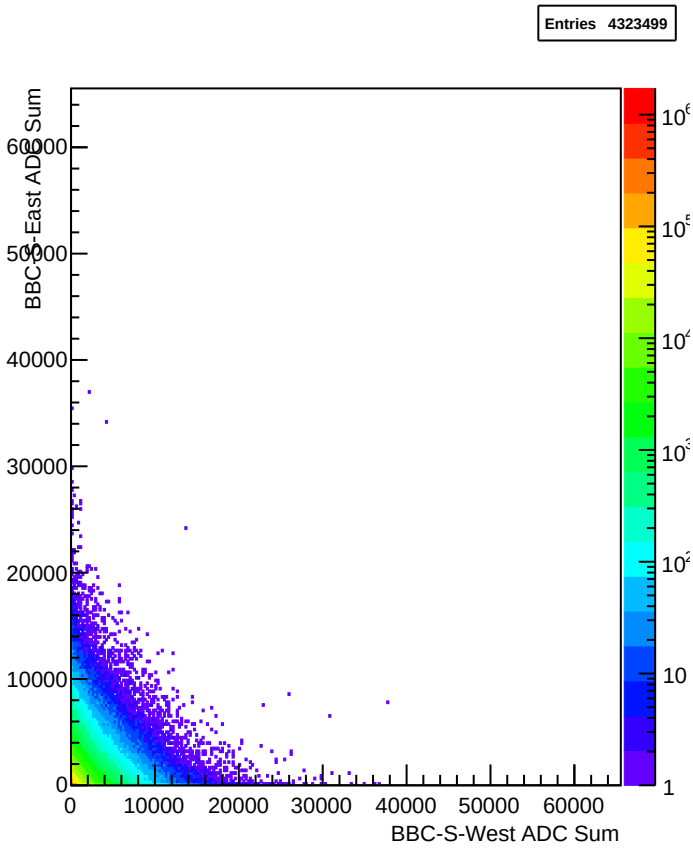

Entries 4323499
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

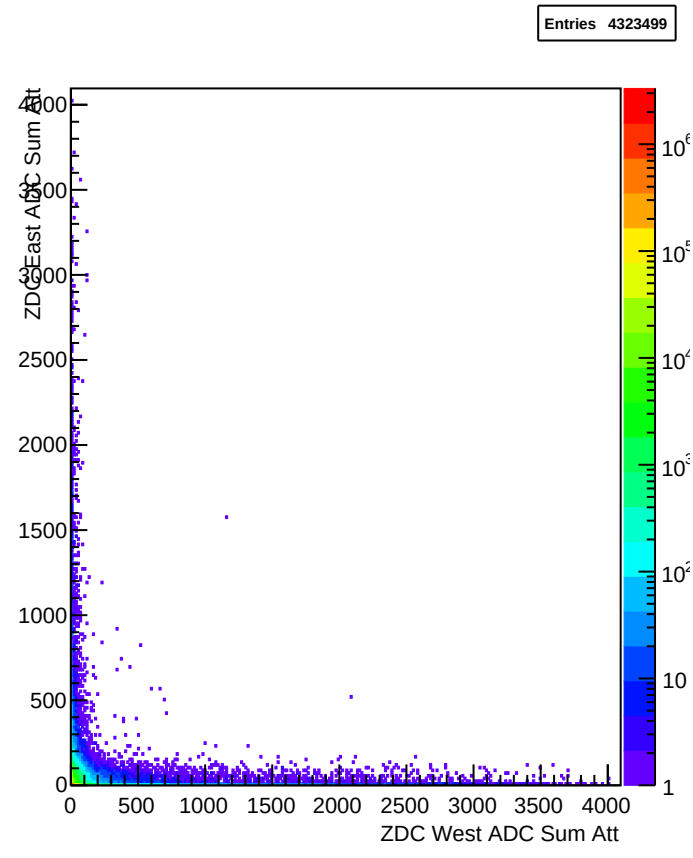

Entries 4323499
BBC-S-East ADC Sum
VPD-East ADC Sum

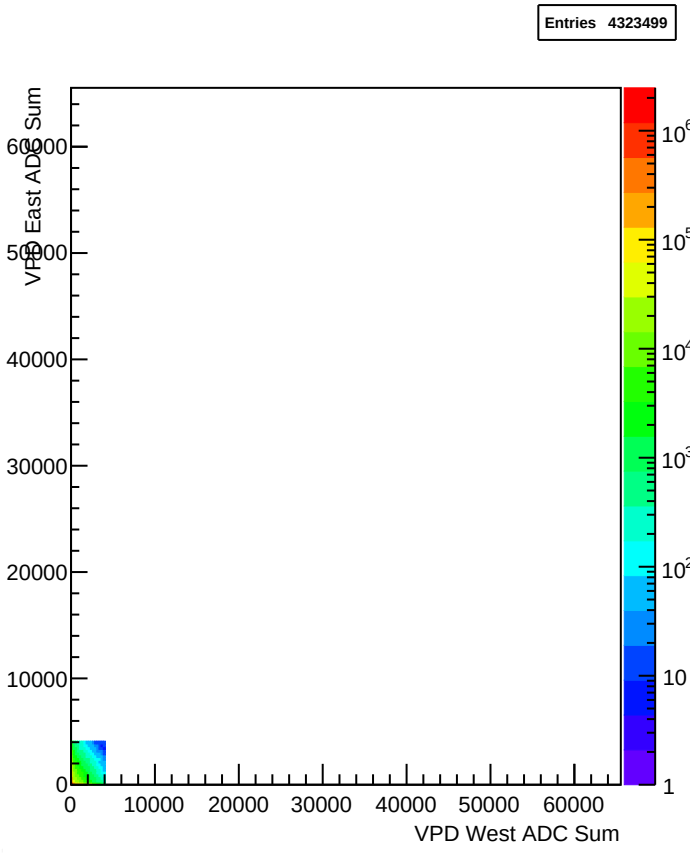

Entries 4323499
BBC-S-West ADC Sum
VPD-West ADC Sum

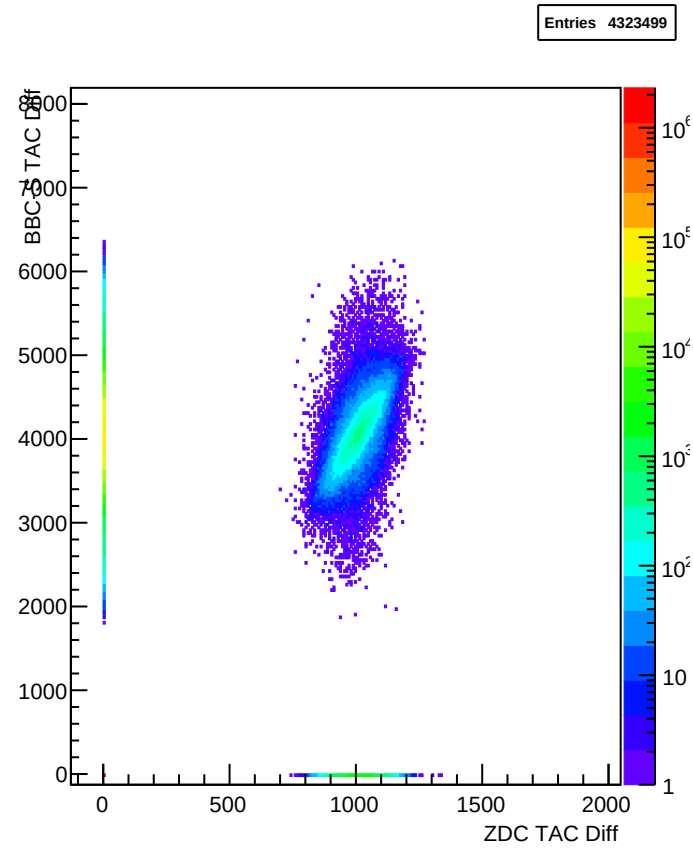

Entries 4323499
VPD-East ADC Sum
ZDC-East ADC Sum Att

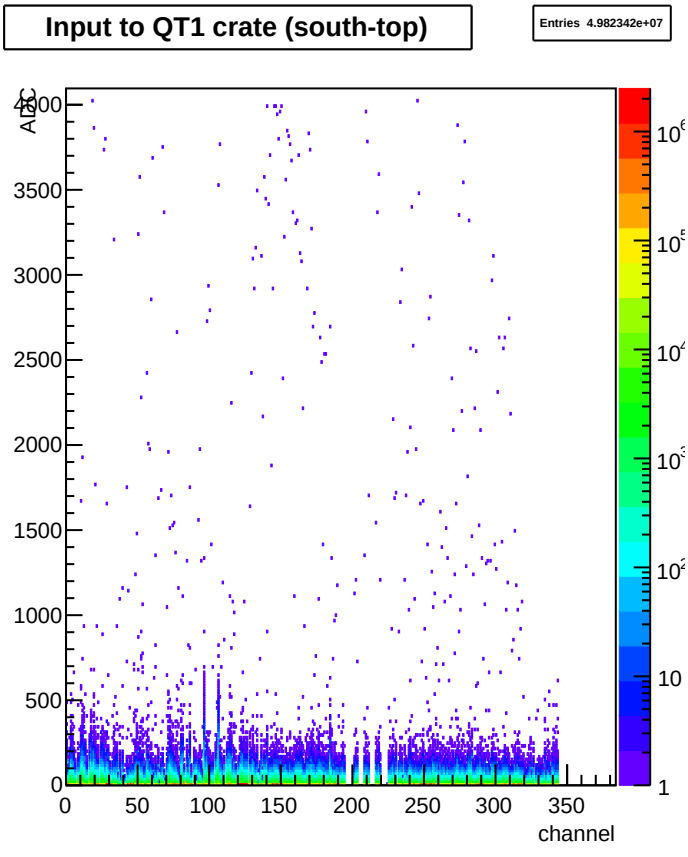

Entries 4323499
VPD-West ADC Sum
ZDC-West ADC Sum Att

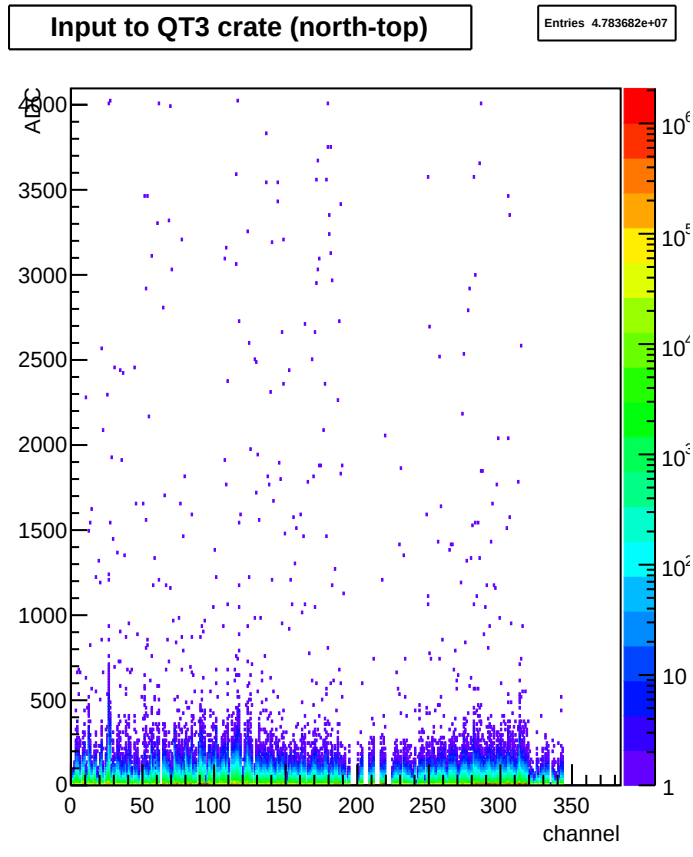

Entries 4323499
BBC-S-East ADC Sum
BBC-S-West ADC Sum

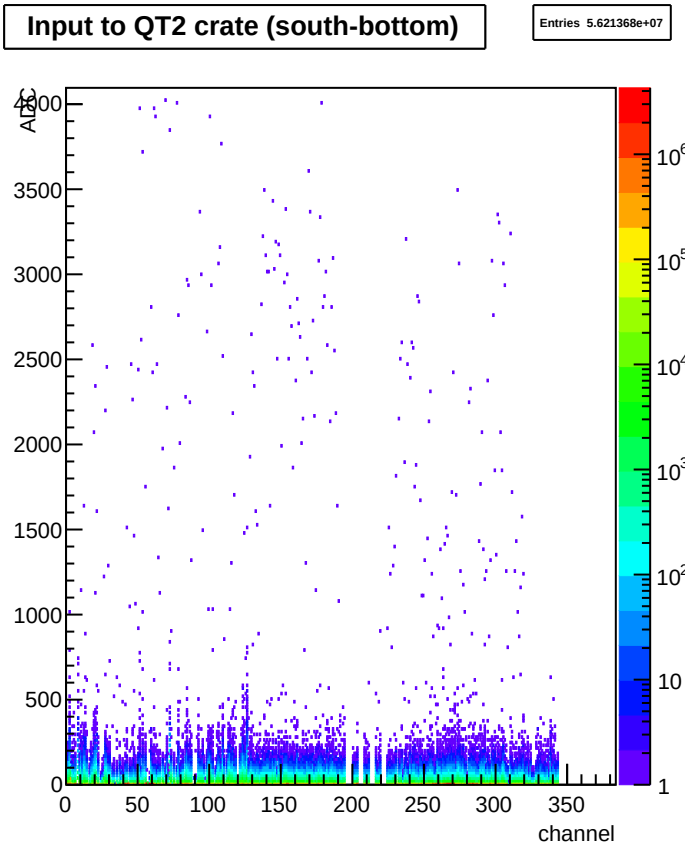

Entries 4323499
ZDC East ADC Sum Att
ZDC West ADC Sum Att

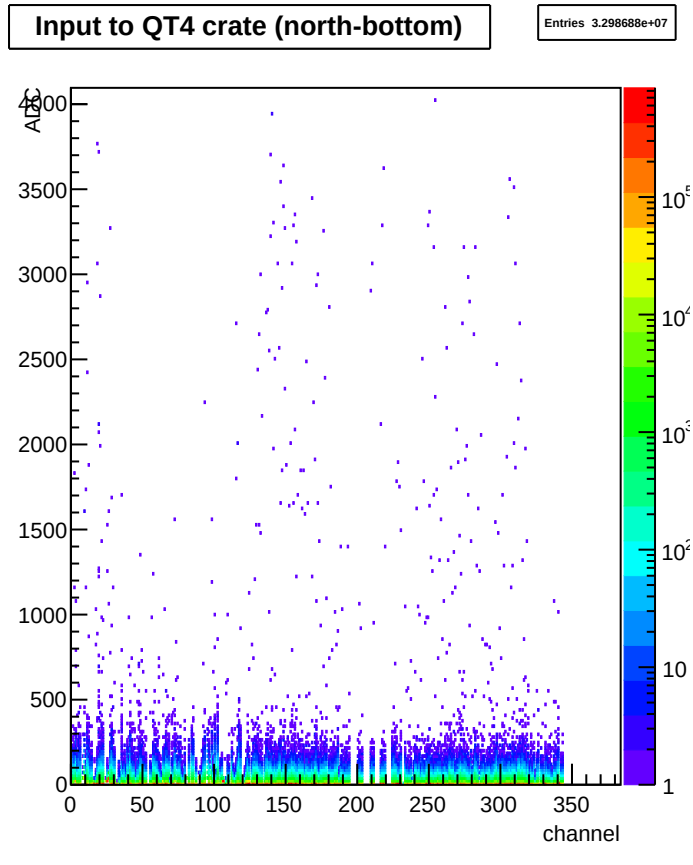

Entries 4323499
VPD East ADC Sum
VPD West ADC Sum

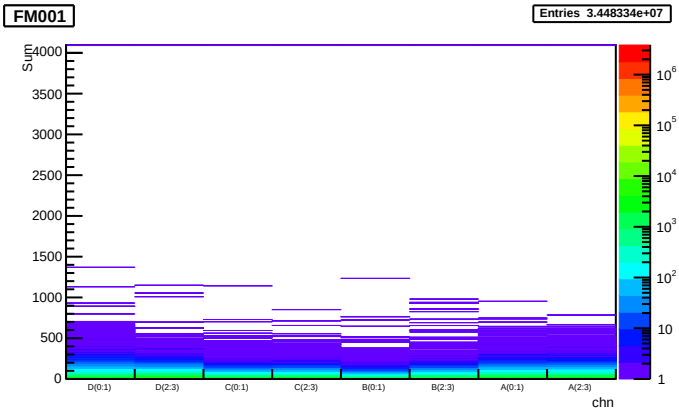

Entries 4323499
BBC-S TAC Diff
ZDC TAC Diff

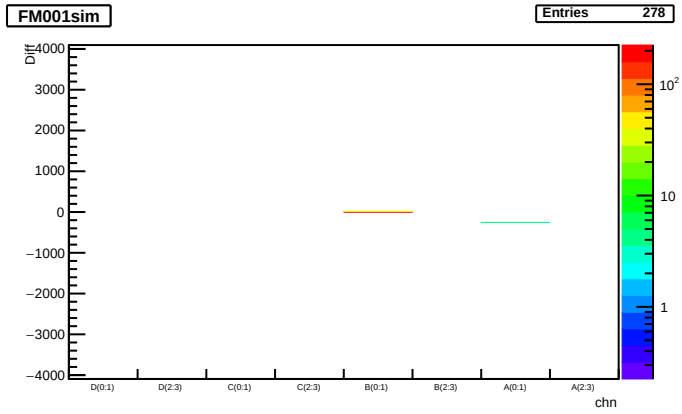

Input to QT1 crate (south-top)
Entries 4.982342e+07
ADC
channel

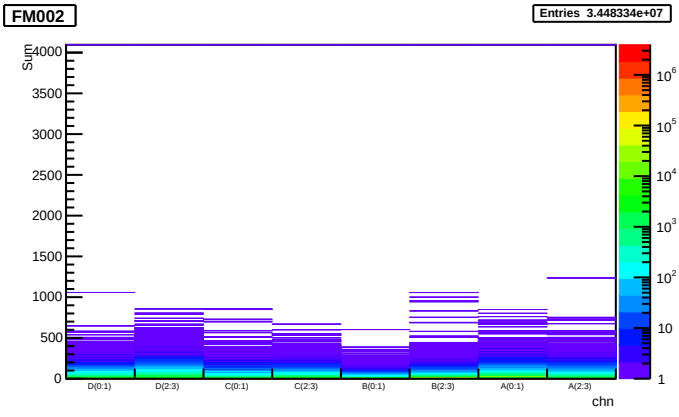

Input to QT3 crate (north-top)
Entries 4.783682e+07
ADC
channel

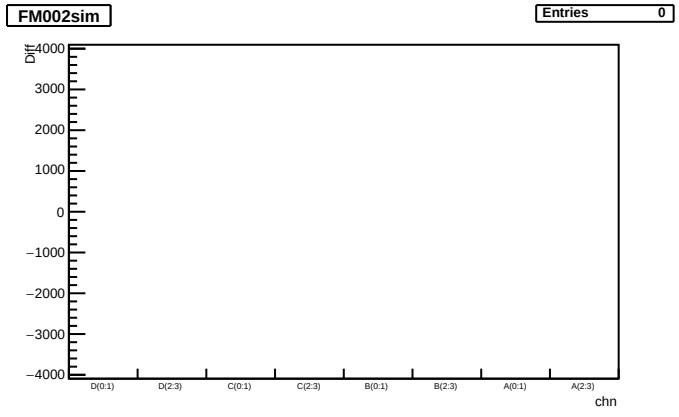

Input to QT2 crate (south-bottom)
Entries 5.621368e+07
ADC
channel

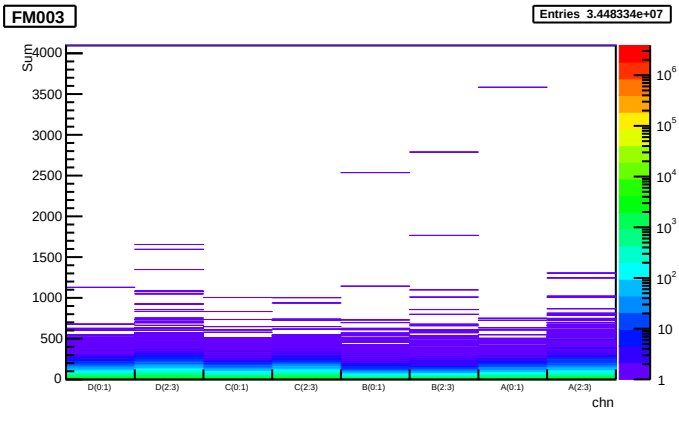

Input to QT4 crate (north-bottom)
Entries 3.298688e+07
ADC
channel

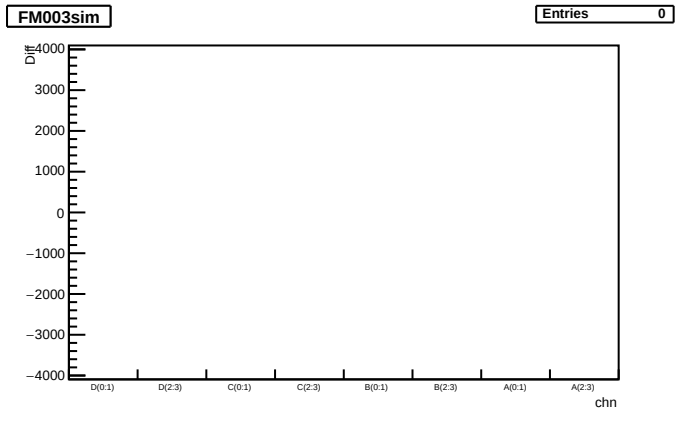

FM001
Entries 3.448334e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

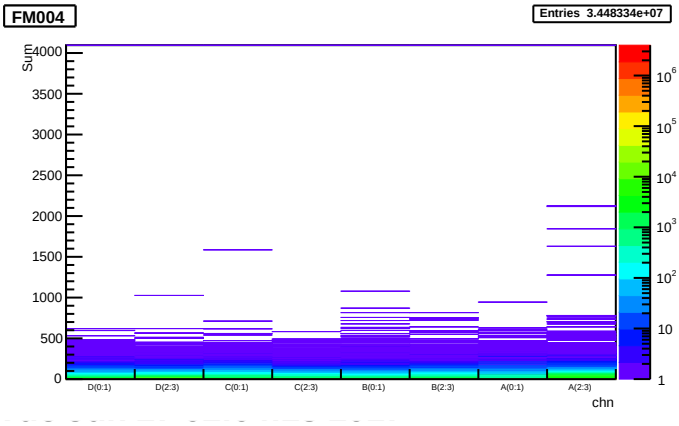

FM001sim
Entries 278
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

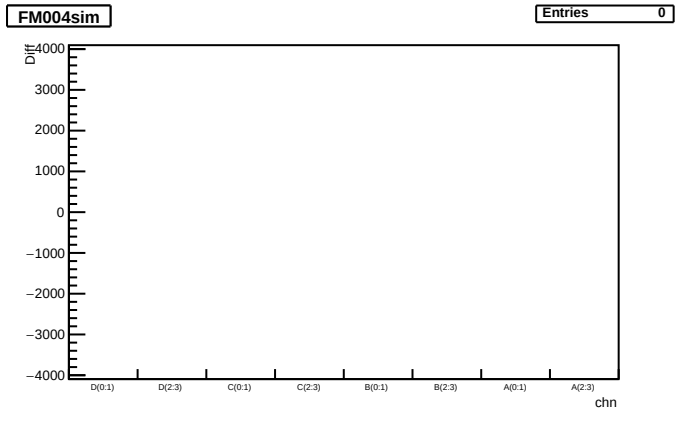

FM002
Entries 3.448334e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

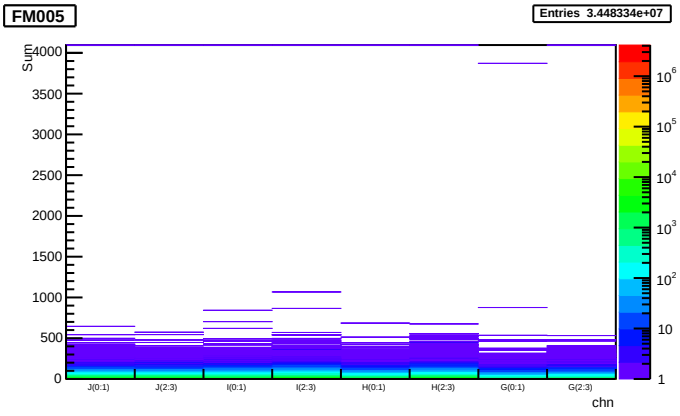

FM002sim
Entries 0
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

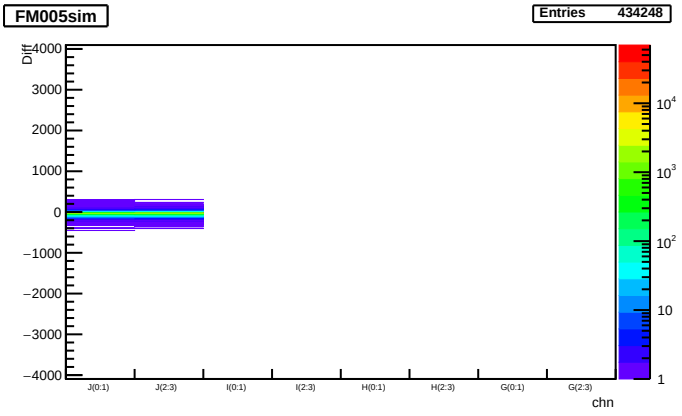

FM003
Entries 3.448334e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

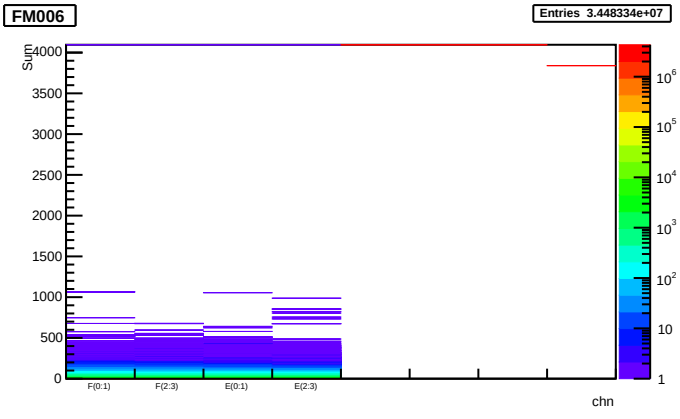

FM003sim
Entries 0
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

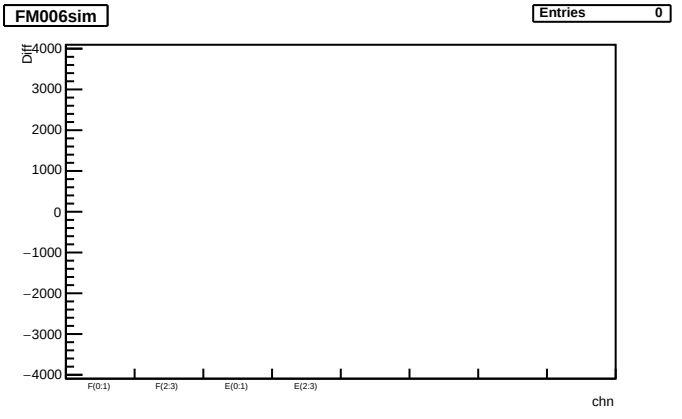

FM004
Entries 3.448334e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

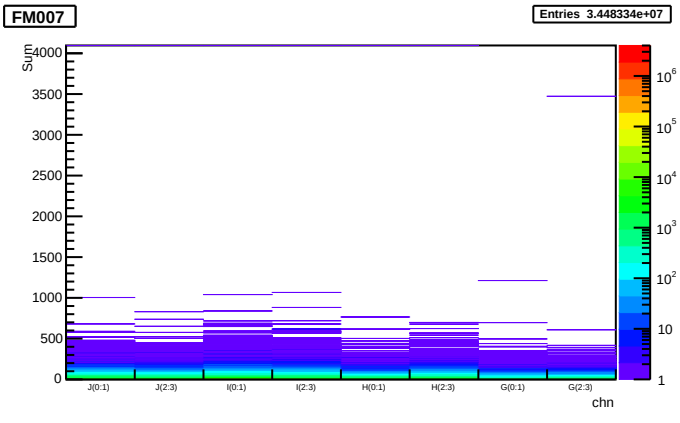

FM004sim
Entries 0
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

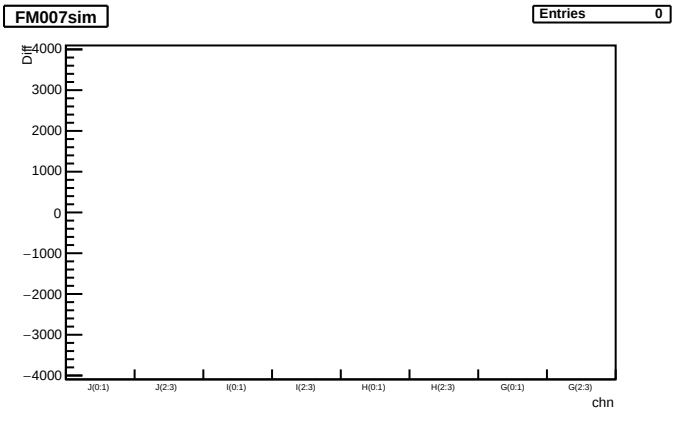

FM005
Entries 3.448334e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

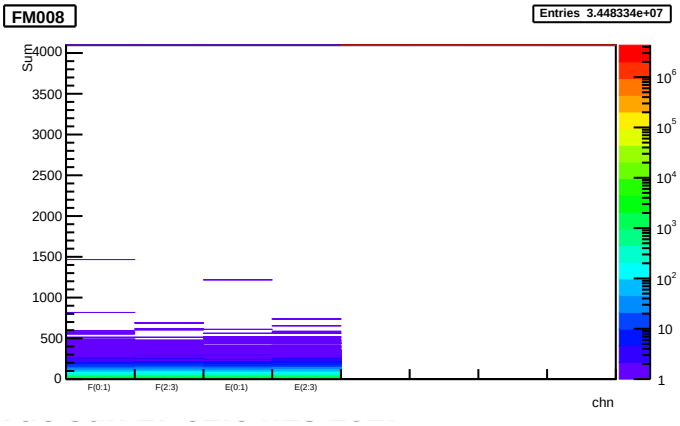

FM005sim
Entries 434248
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

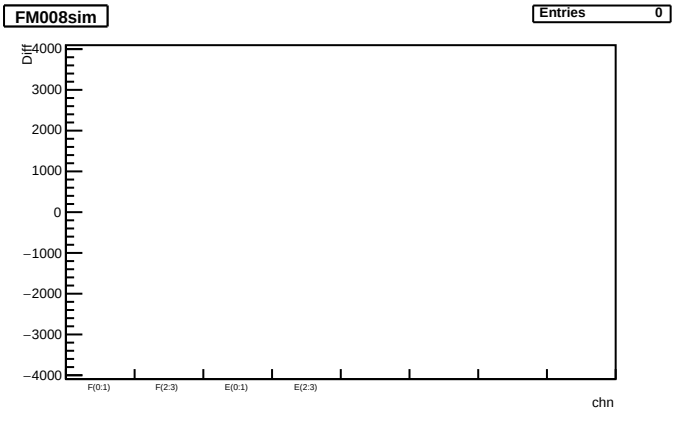

FM006
Entries 3.448334e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

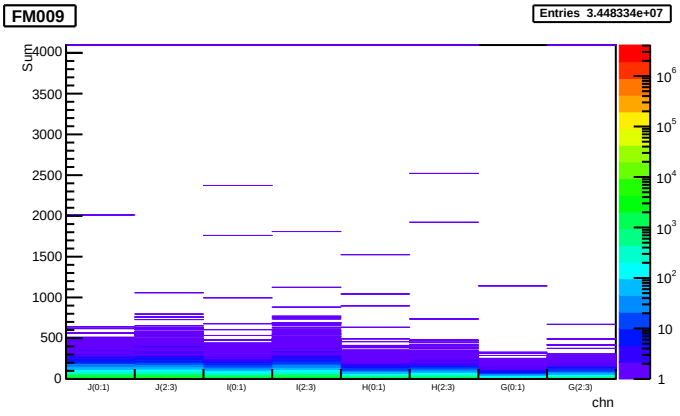

FM006sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

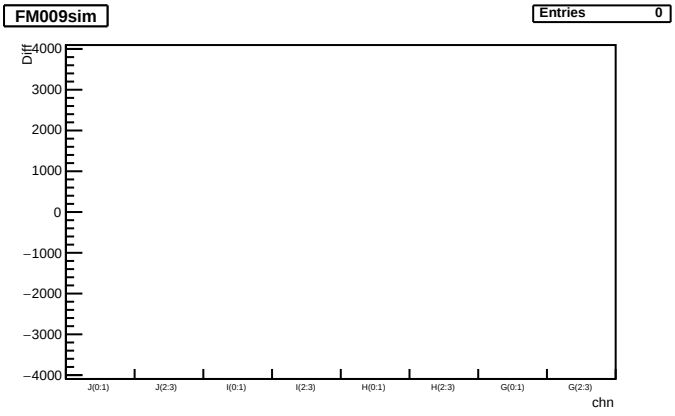

FM007
Entries 3.448334e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

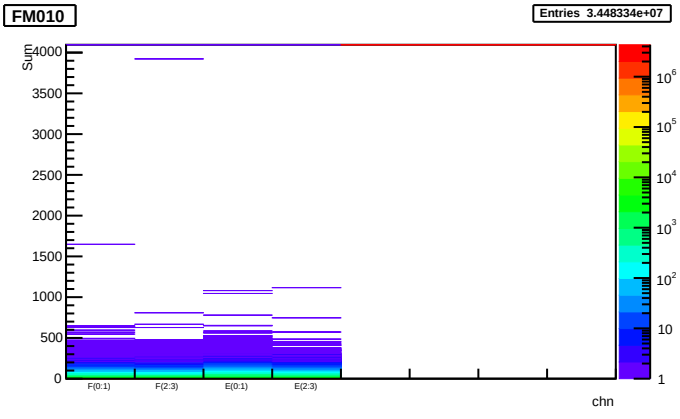

FM007sim
Entries 0
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

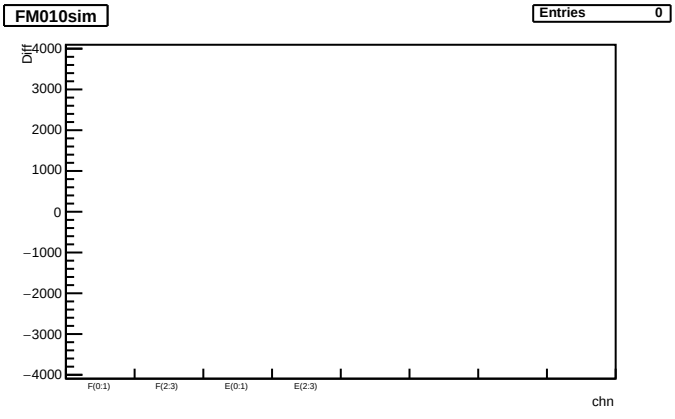

FM008
Entries 3.448334e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

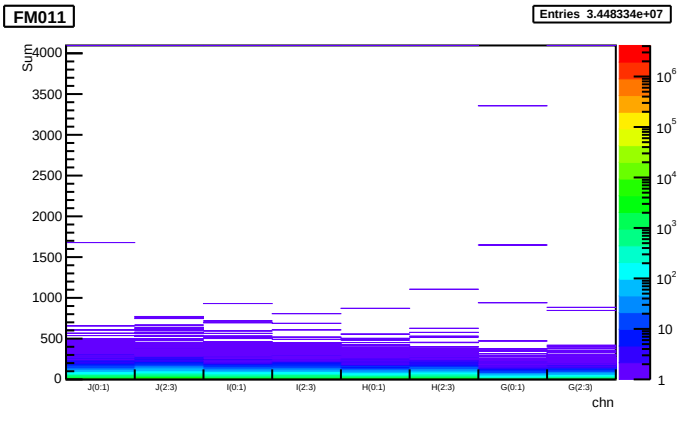

FM008sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

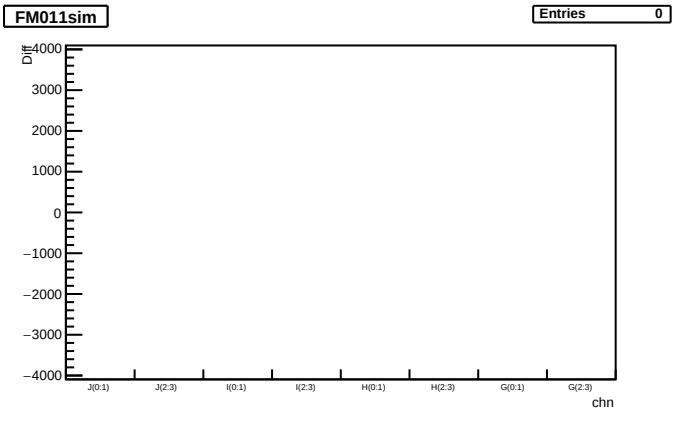

FM009
Entries 3.448334e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

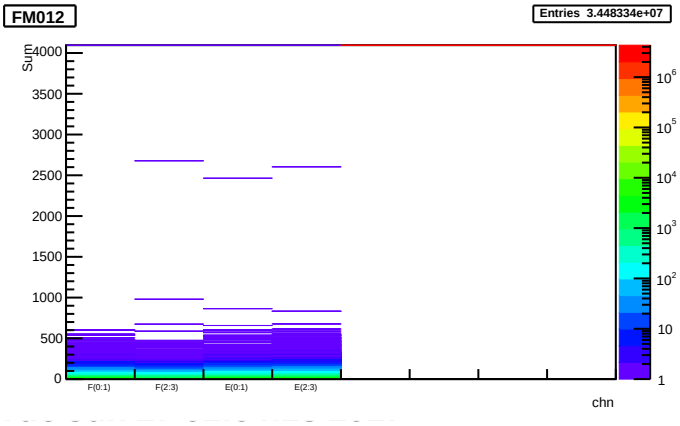

FM009sim
Entries 0
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

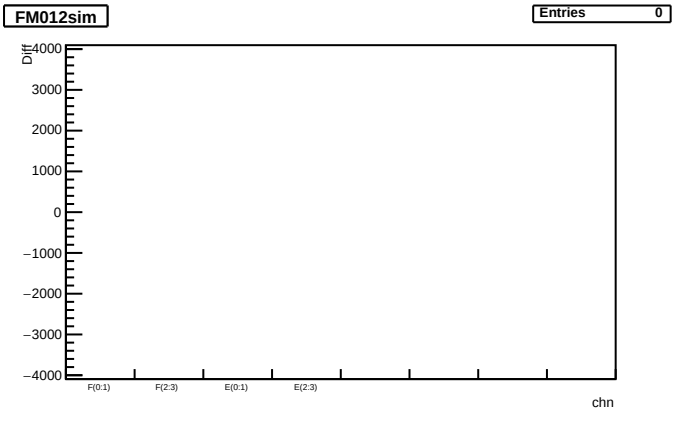

FM010
Entries 3.448334e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

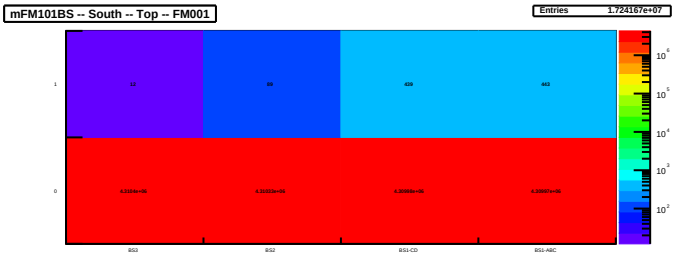

FM010sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

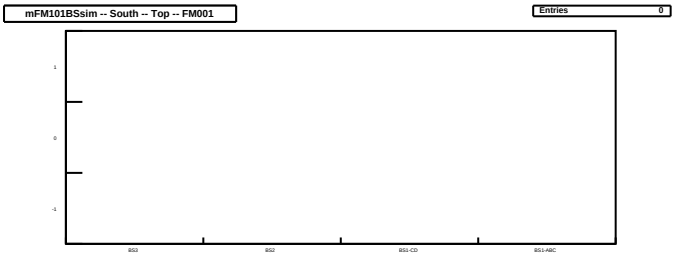

FM011
Entries 3.448334e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

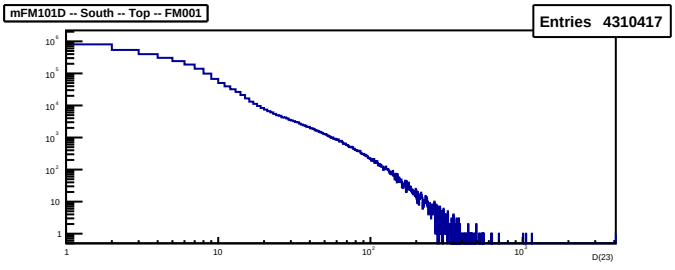

FM011sim
Entries 0
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

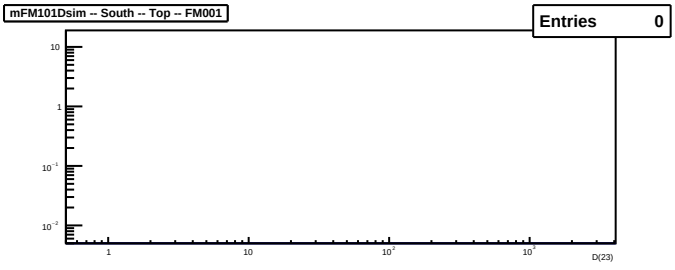

FM012
Entries 3.448334e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

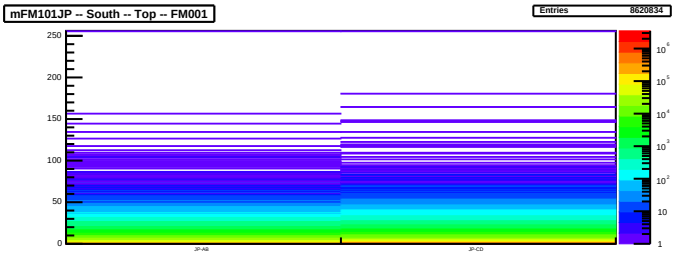

FM012sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)


mFM101BS -- South -- Top -- FM001
Entries 1.724167e+07
12
69
459
443
4.3104e+06
4.31031e+06
4.30998e+06
4.30607e+06
BS3
BS2
BS1-CD
BS1-ABC

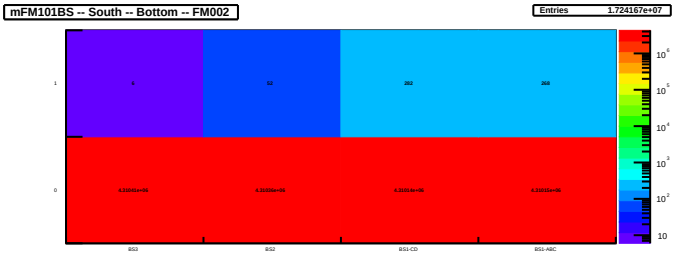

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-CD
BS1-ABC

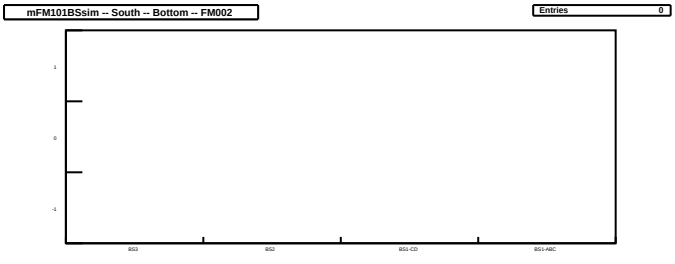

mFM101D -- South -- Top -- FM001
Entries 4310417
D(23)

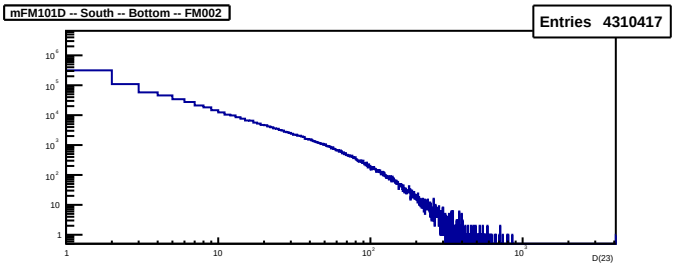

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

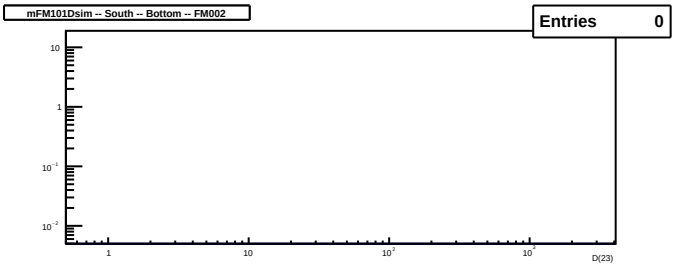

mFM101JP -- South -- Top -- FM001
Entries 8620834
JP-AB
JP-CD

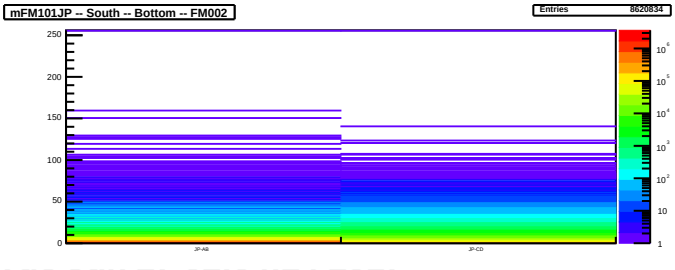
mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD

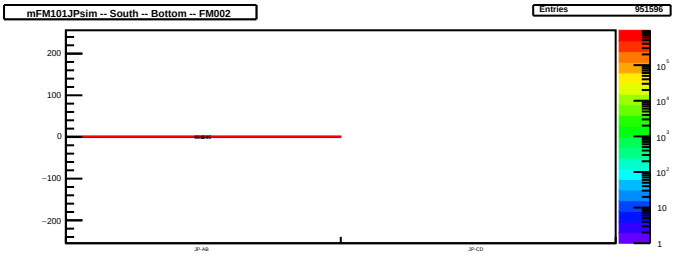

mFM101BS -- South -- Bottom -- FM002
Entries 1.724167e+07
4
52
262
268
4.31014e+06
4.31034e+06
4.31014e+06
4.31015e+06
BS3
BS2
BS1-CD
BS1-ABC

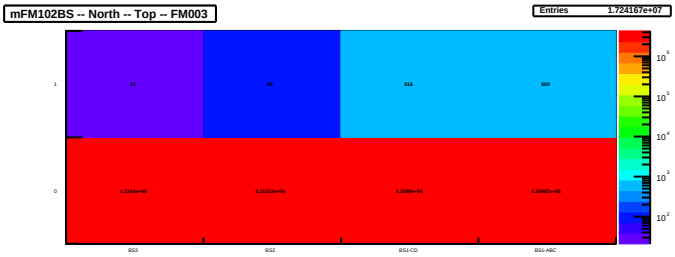

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-CD
BS1-ABC


mFM101D -- South -- Bottom -- FM002
Entries 4310417
D(23)

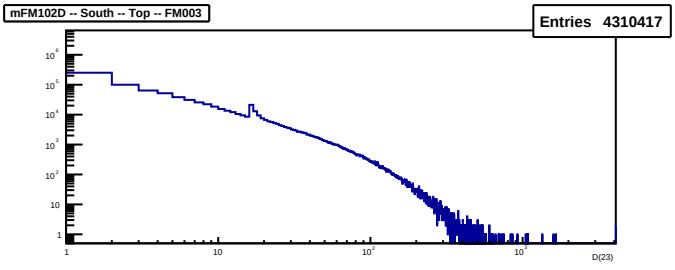

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

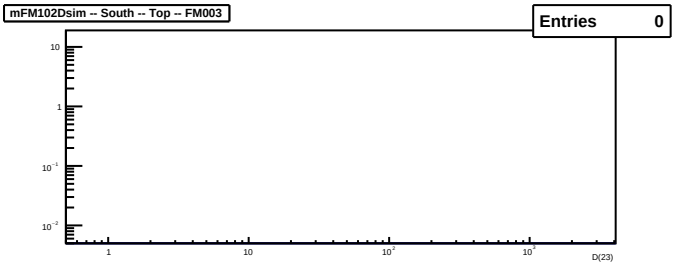

mFM101JP -- South -- Bottom -- FM002
Entries 8620834
JP-AB
JP-CD

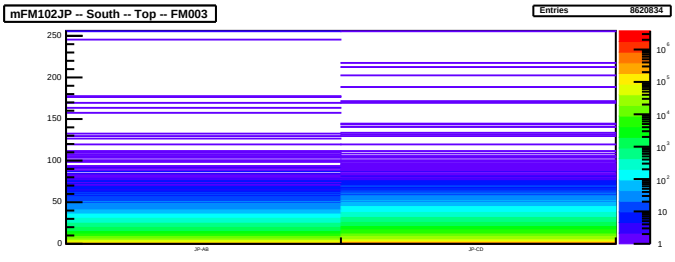

mFM101JPsim -- South -- Bottom -- FM002
Entries 951596
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1.724167e+07
21
94
516
600
4.3104e+06
4.31032e+06
4.3099e+06
4.30982e+06
BS3
BS2
BS1-CD
BS1-ABC

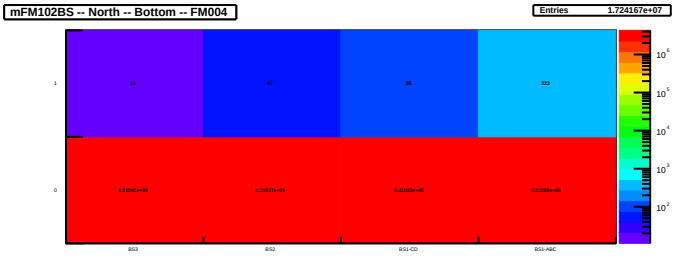
mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-CD
BS1-ABC

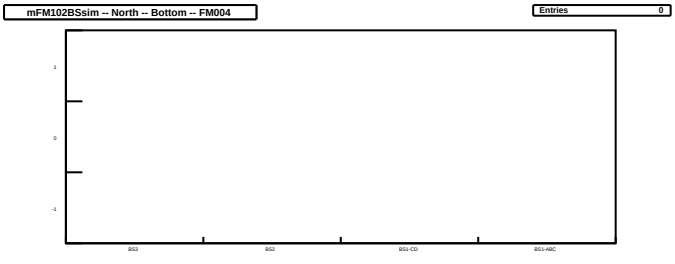

mFM102D -- South -- Top -- FM003
Entries 4310417
D(23)

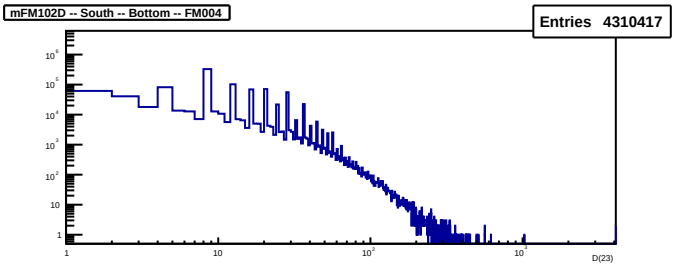

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

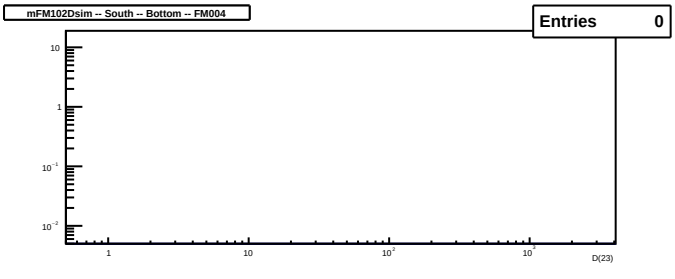

mFM102JP -- South -- Top -- FM003
Entries 8620834
JP-AB
JP-CD

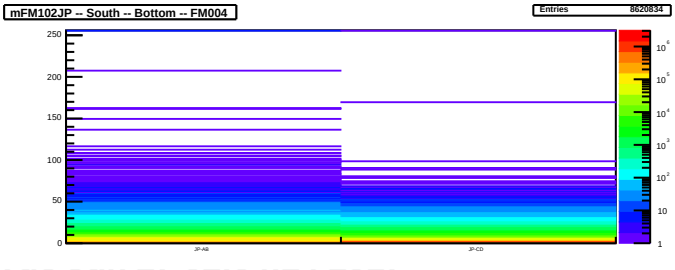
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

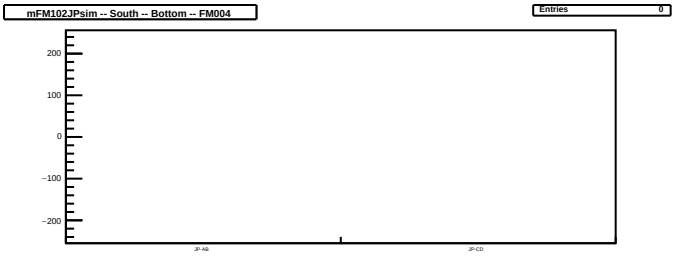

mFM102BS -- North -- Bottom -- FM004
Entries 1.724167e+07
11
47
86
303
4.31041e+06
4.31037e+06
4.31033e+06
4.31029e+06
BS3
BS2
BS1-CD
BS1-ABC

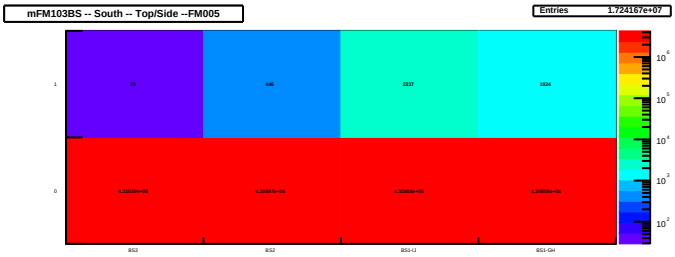

mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-CD
BS1-ABC

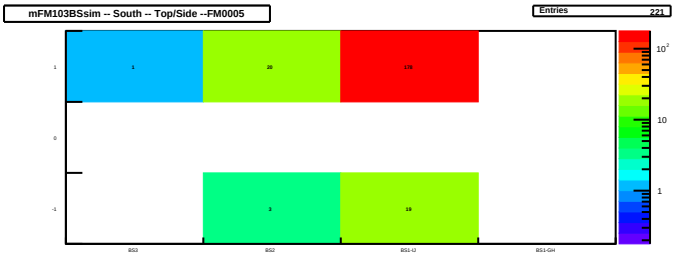

mFM102D -- South -- Bottom -- FM004
Entries 4310417
D(23)

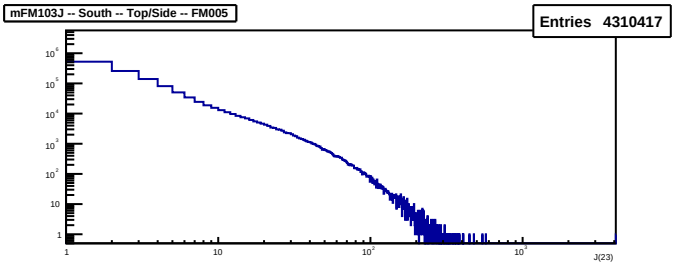

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

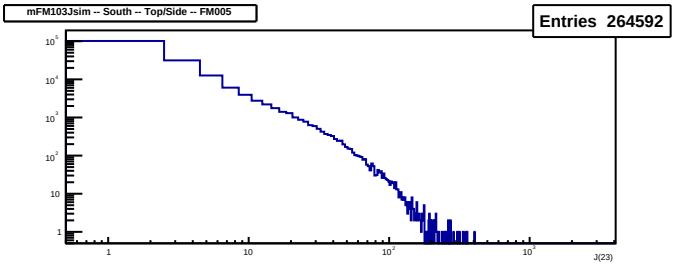

mFM102JP -- South -- Bottom -- FM004
Entries 8620834
JP-AB
JP-CD

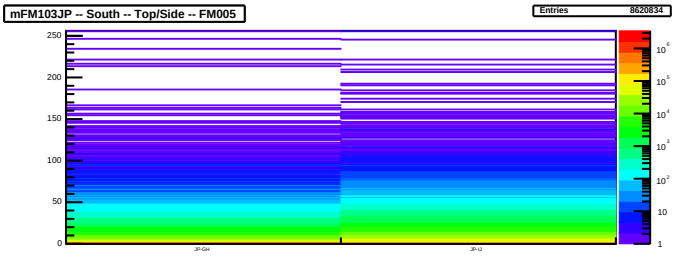

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

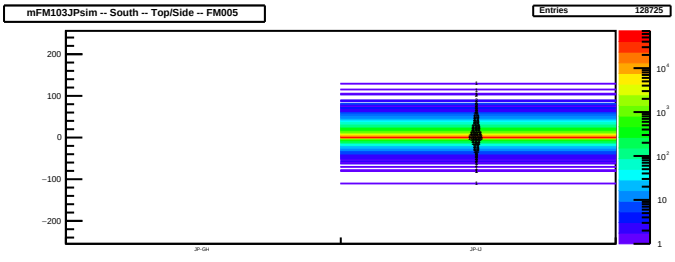

mFM103BS -- South -- Top/Side --FM005
Entries 1.724167e+07

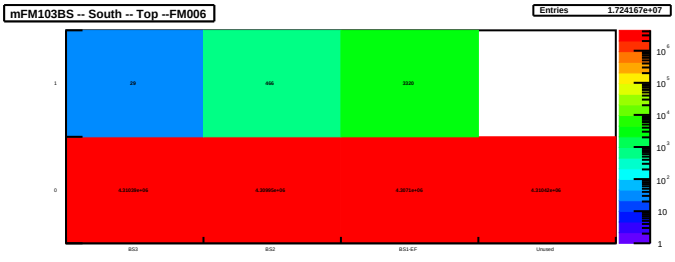

mFM103BSsim -- South -- Top/Side --FM0005
Entries 221

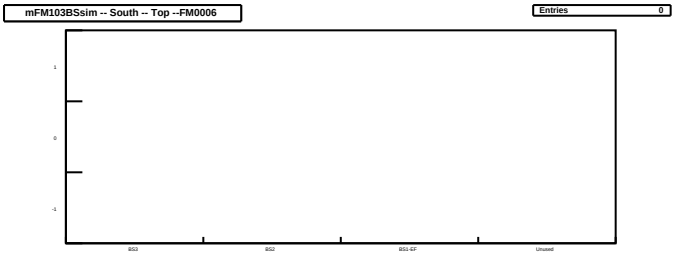

mFM103J -- South -- Top/Side -- FM005
Entries 4310417
J(23)

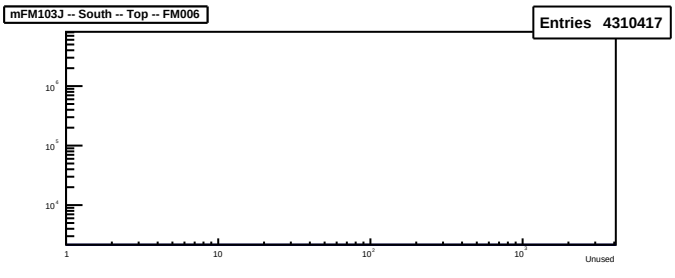

mFM103Jsim -- South -- Top/Side -- FM005
Entries 264592
J(23)

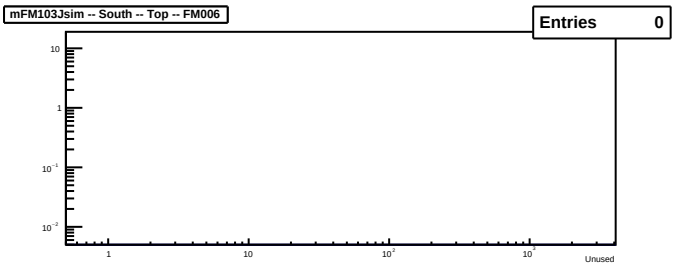

mFM103JP -- South -- Top/Side -- FM005
Entries 8620834

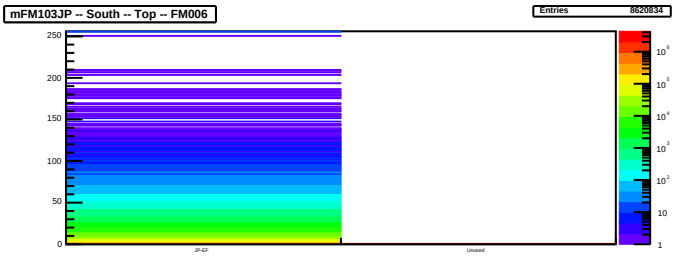

mFM103JPsim -- South -- Top/Side -- FM005
Entries 128725

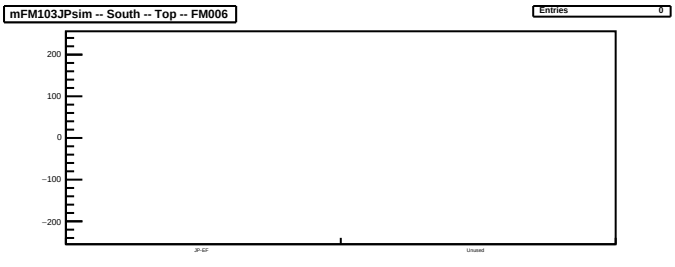

mFM103BS -- South -- Top --FM006
Entries 1.724167e+07

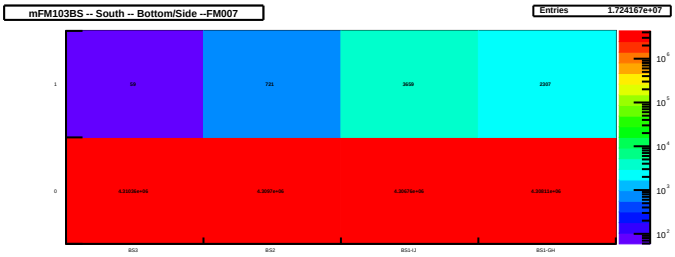

mFM103BSsim -- South -- Top --FM0006
Entries 0

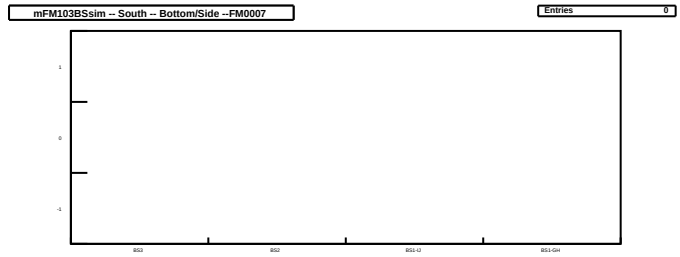

mFM103J -- South -- Top -- FM006
Entries 4310417
Unused

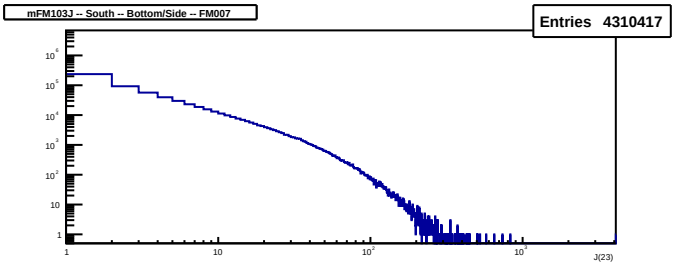

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

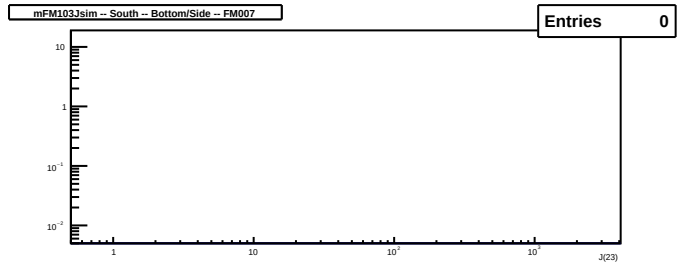

mFM103JP -- South -- Top -- FM006
Entries 8620834

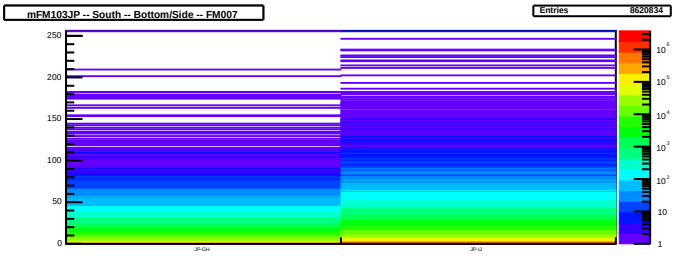

mFM103JPsim -- South -- Top -- FM006
Entries 0

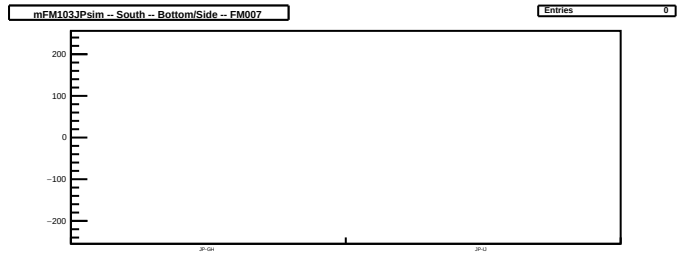

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.724167e+07
50
721
3658
2307
4.31036e+06
4.30607e+06
4.30626e+06
4.30611e+06
BS3
BS2
BS1-IJ
BS1-GH

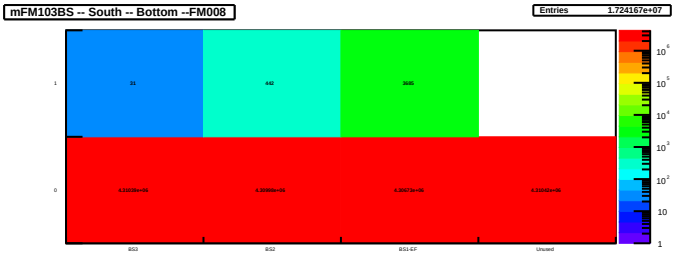

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1-IJ
BS1-GH

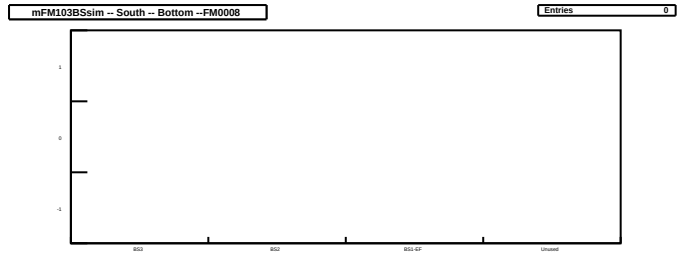

mFM103J -- South -- Bottom/Side -- FM007
Entries 4310417
J(23)

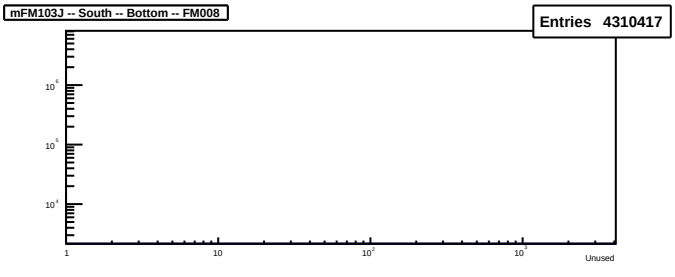

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

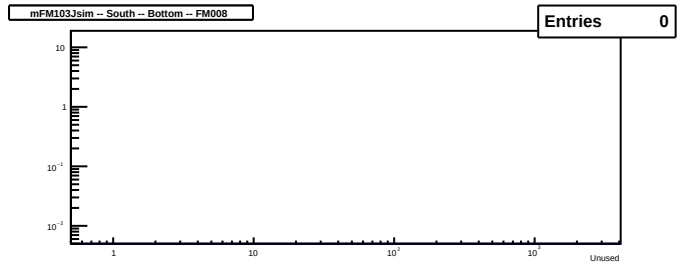

mFM103JP -- South -- Bottom/Side -- FM007
Entries 8620834
JP-GH
JP-IJ

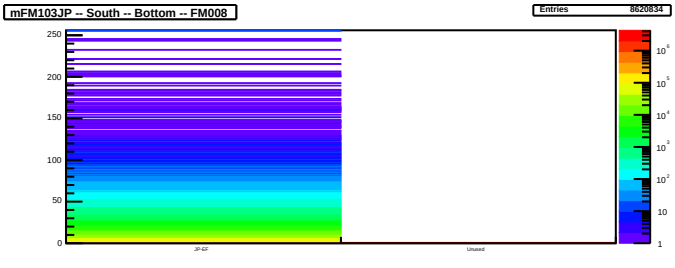

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

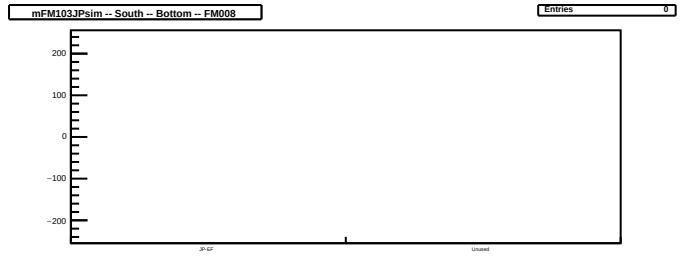

mFM103BS -- South -- Bottom --FM008
Entries 1.724167e+07
31
442
3685
4.31039e+06
4.30999e+06
4.30673e+06
4.31042e+06
BS3
BS2
BS1-EF
Unused

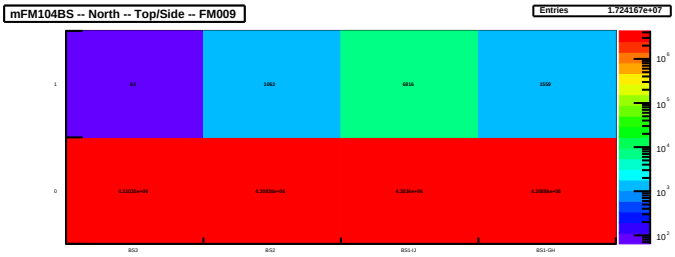

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-EF
Unused

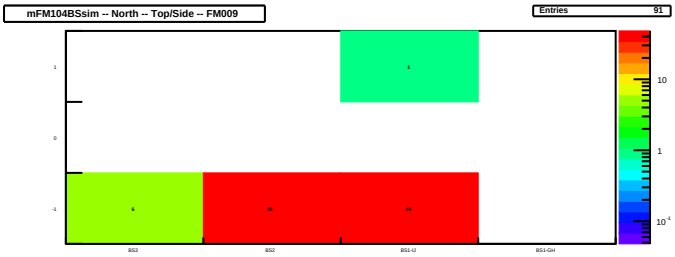

mFM103J -- South -- Bottom -- FM008
Entries 4310417
Unused

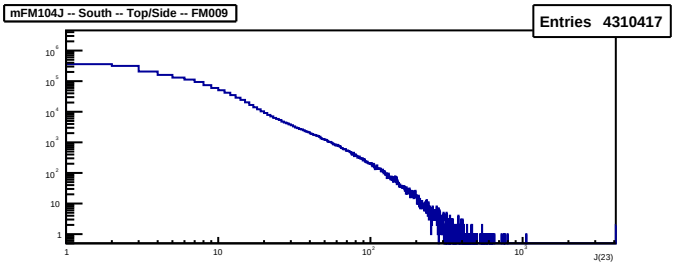

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

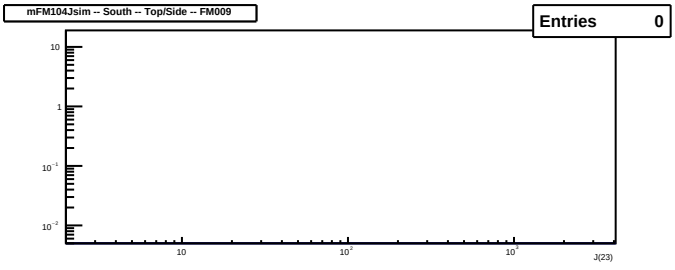

mFM103JP -- South -- Bottom -- FM008
Entries 8620834
JP-EF
Unused

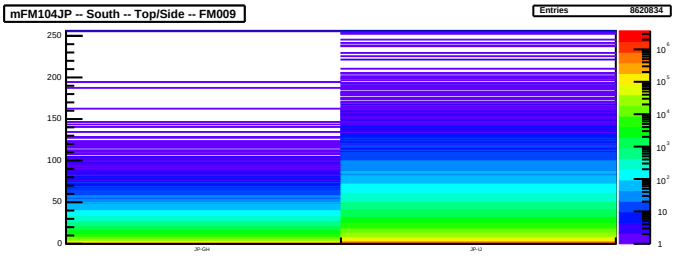

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

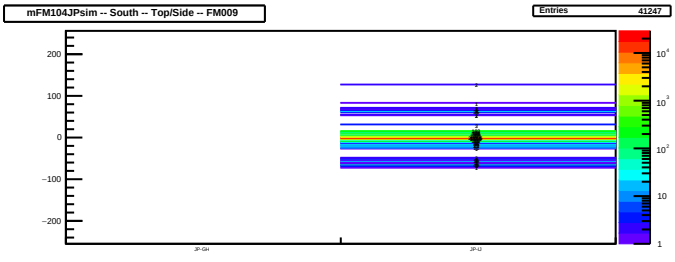

mFM104BS -- North -- Top/Side -- FM009
Entries 1.724167e+07

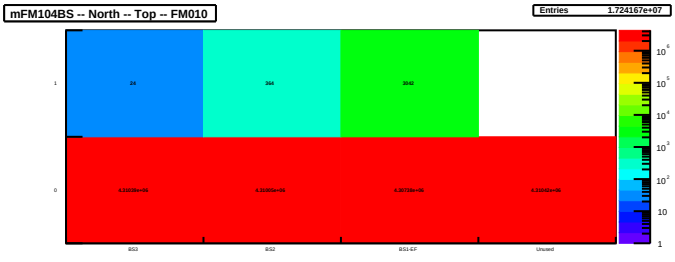

mFM104BSsim -- North -- Top/Side -- FM009
Entries 91

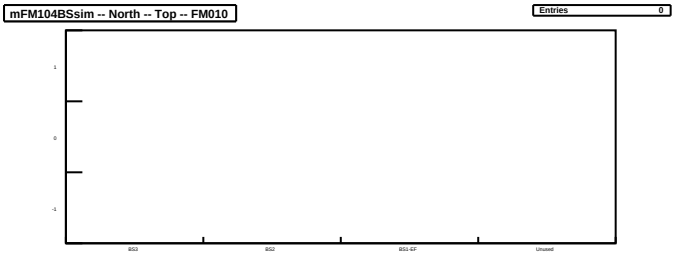

mFM104J -- South -- Top/Side -- FM009
Entries 4310417
J(23)

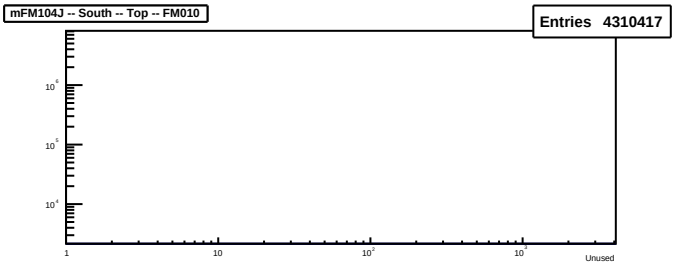

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

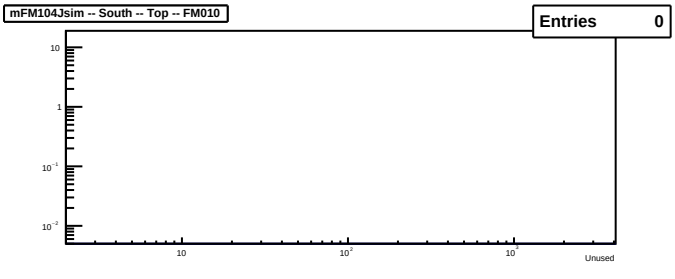

mFM104JP -- South -- Top/Side -- FM009
Entries 8620834

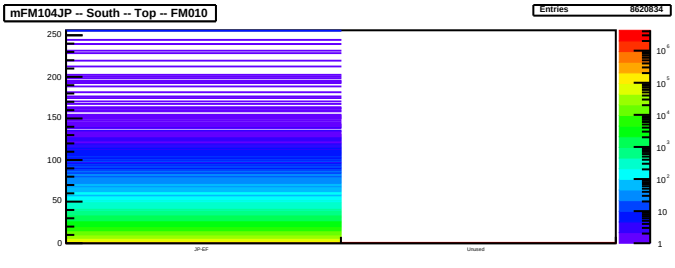

mFM104JPsim -- South -- Top/Side -- FM009
Entries 41247

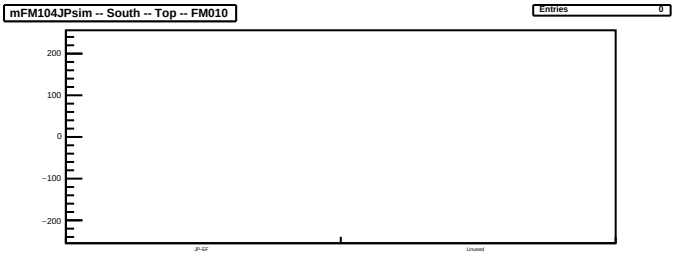

mFM104BS -- North -- Top -- FM010
Entries 1.724167e+07

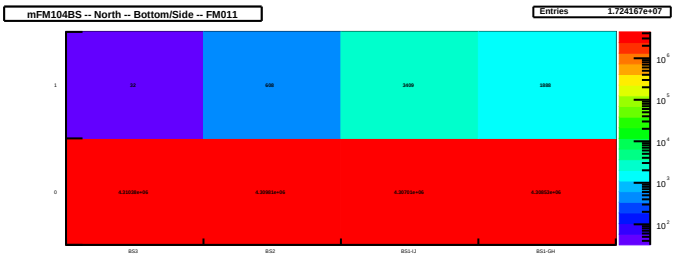

mFM104BSsim -- North -- Top -- FM010
Entries 0

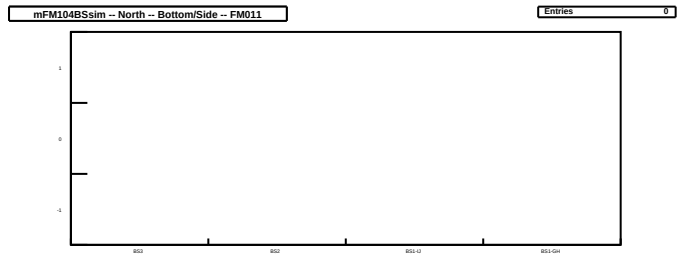

mFM104J -- South -- Top -- FM010
Entries 4310417
Unused

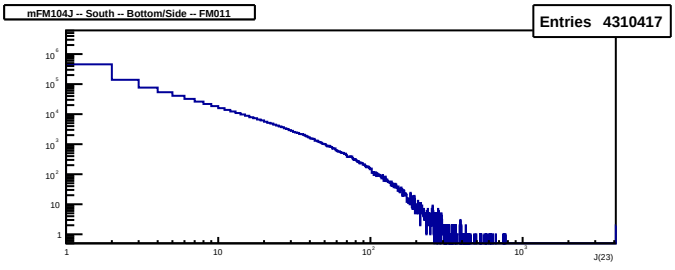

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

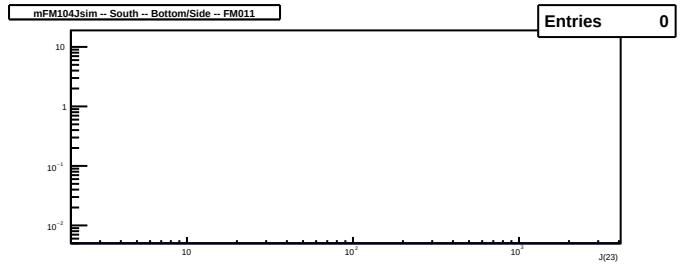

mFM104JP -- South -- Top -- FM010
Entries 8620834

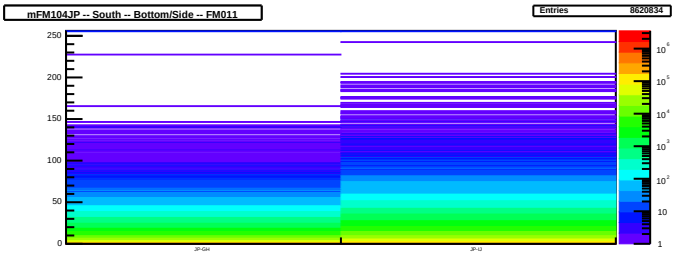

mFM104JPsim -- South -- Top -- FM010
Entries 0

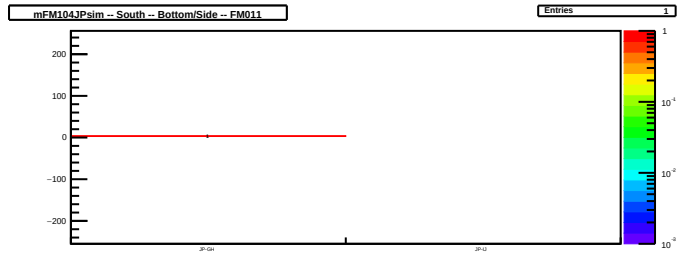

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.724167e+07

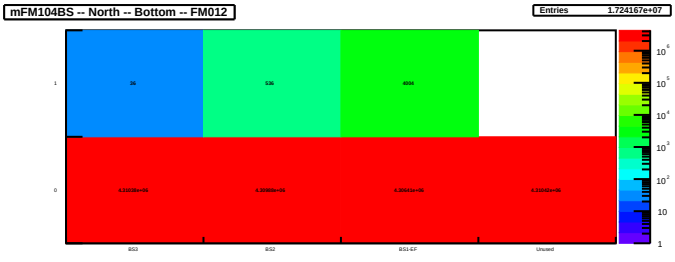

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0

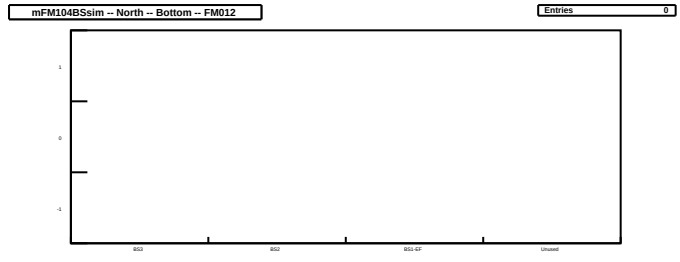

mFM104J -- South -- Bottom/Side -- FM011
Entries 4310417
J(23)

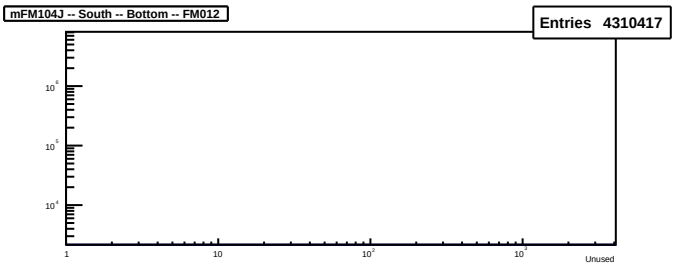

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

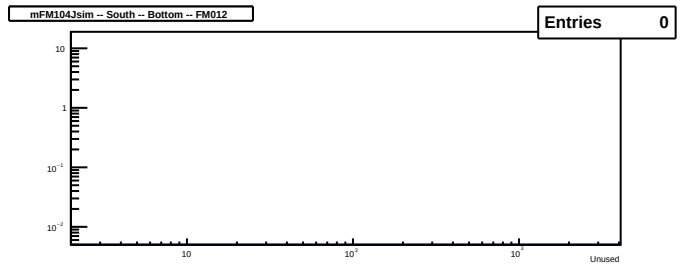

mFM104JP -- South -- Bottom/Side -- FM011
Entries 8620834

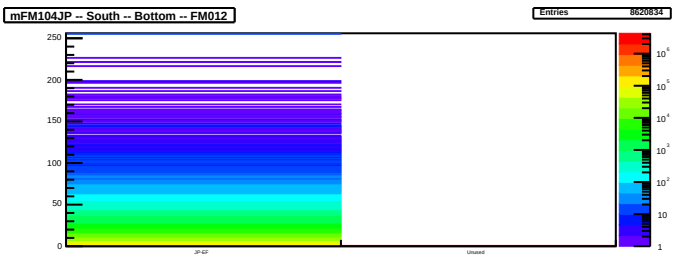

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1


mFM104BS -- North -- Bottom -- FM012
Entries 1.724167e+07

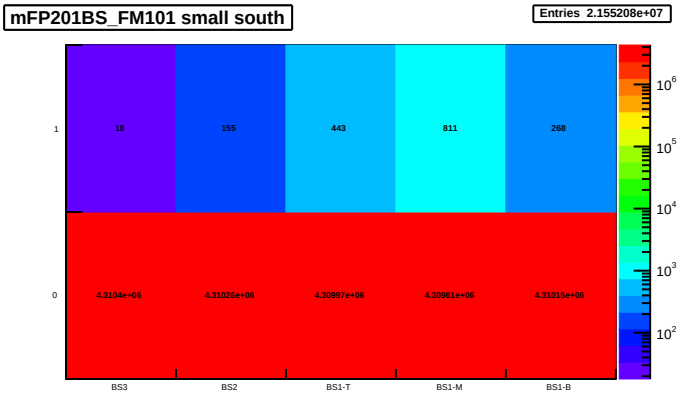

mFM104BSsim -- North -- Bottom -- FM012
Entries 0

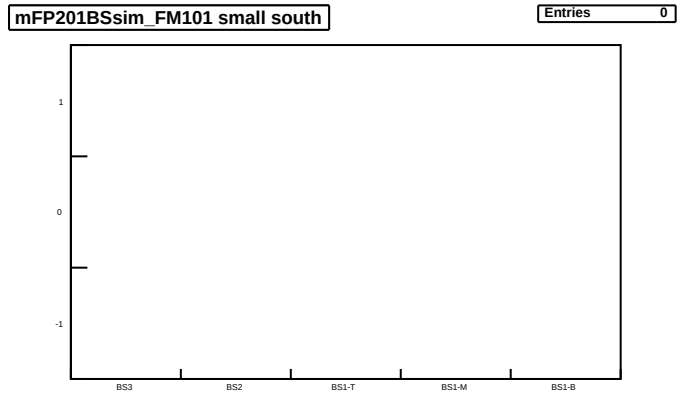

mFM104J -- South -- Bottom -- FM012
Entries 4310417
Unused

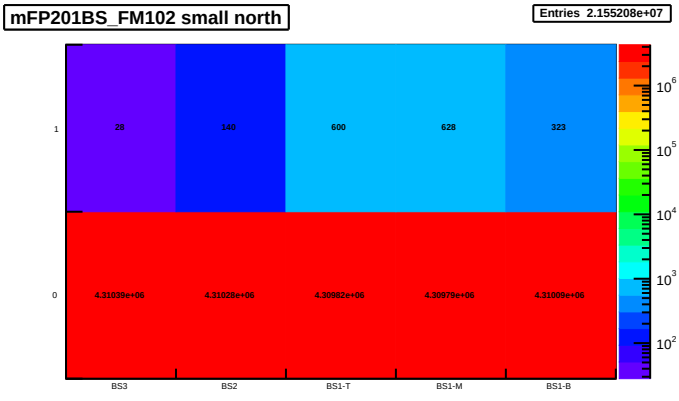

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

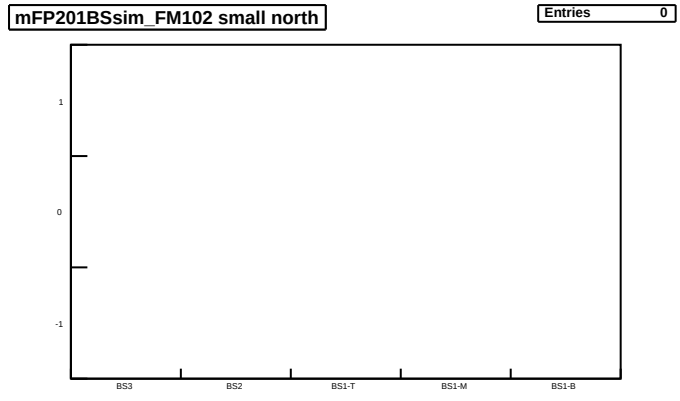

mFM104JP -- South -- Bottom -- FM012
Entries 8620834

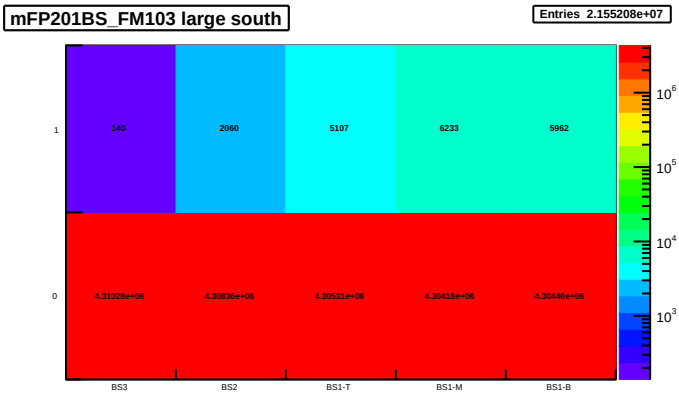
mFM104JPsim -- South -- Bottom -- FM012
Entries 0

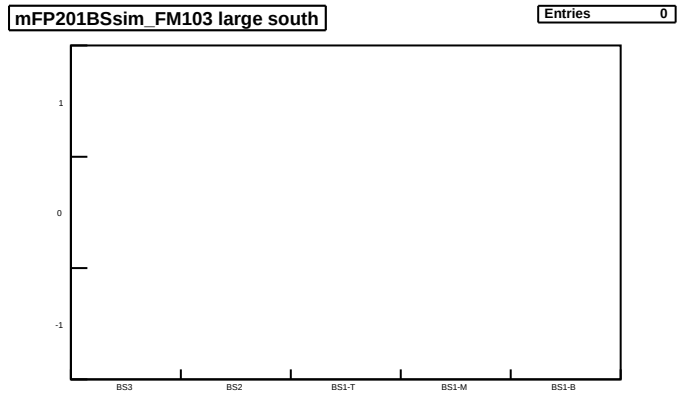

mFP201BS_FM101 small south
Entries 2.155208e+07
18
155
443
811
268
4.3104e+06
4.31026e+06
4.30997e+06
4.30961e+06
4.31015e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

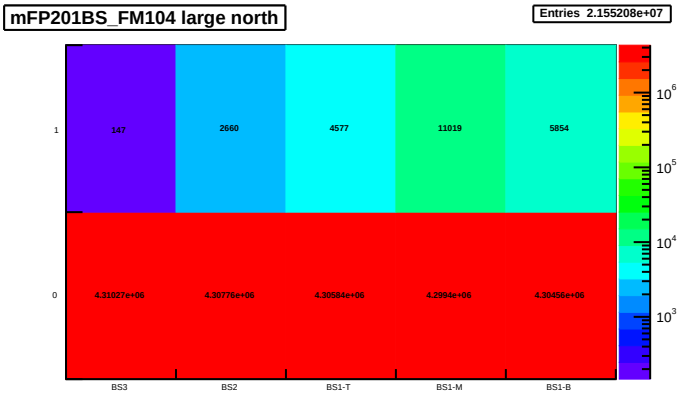

mFP201BSsim_FM101 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

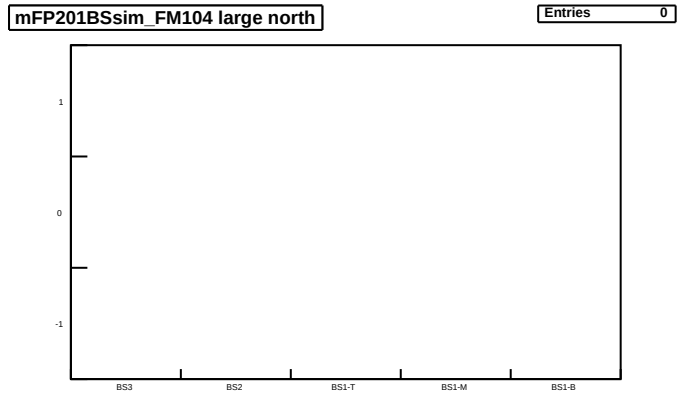

mFP201BS_FM102 small north
Entries 2.155208e+07
28
140
600
628
323
4.31039e+06
4.31028e+06
4.30982e+06
4.30979e+06
4.31009e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

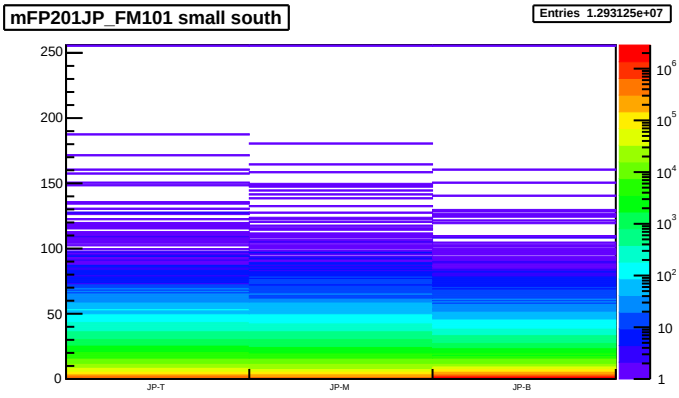

mFP201BSsim_FM102 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

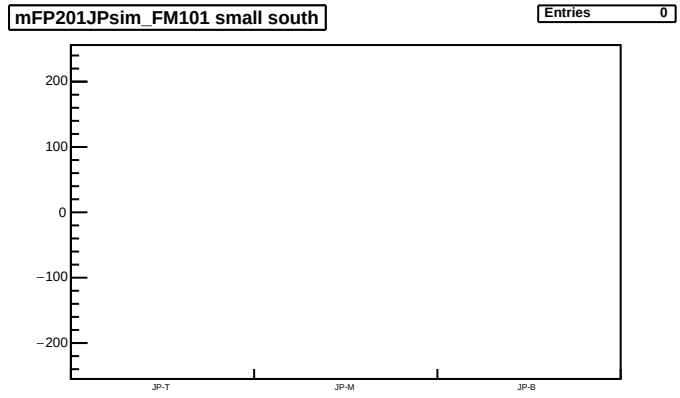

mFP201BS_FM103 large south
Entries 2.155208e+07
140
2060
5107
6233
5962
4.31028e+06
4.30836e+06
4.30531e+06
4.30418e+06
4.30446e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

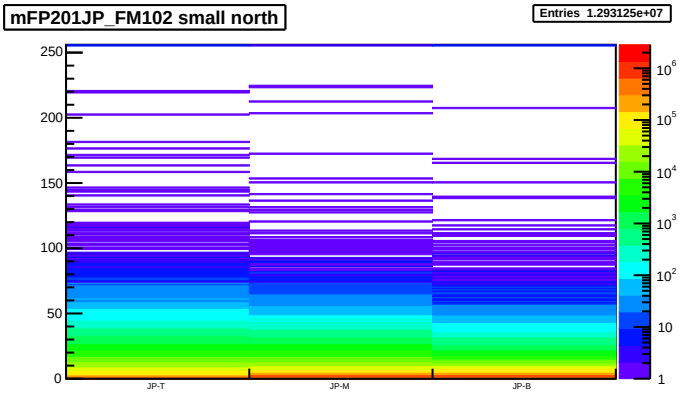

mFP201BSsim_FM103 large south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

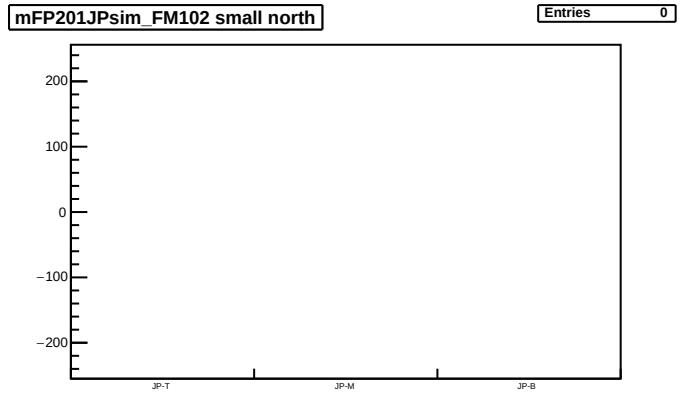

mFP201BS_FM104 large north
Entries 2.155208e+07
147
2660
4577
11019
5854
4.31027e+06
4.30776e+06
4.30584e+06
4.2994e+06
4.30456e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

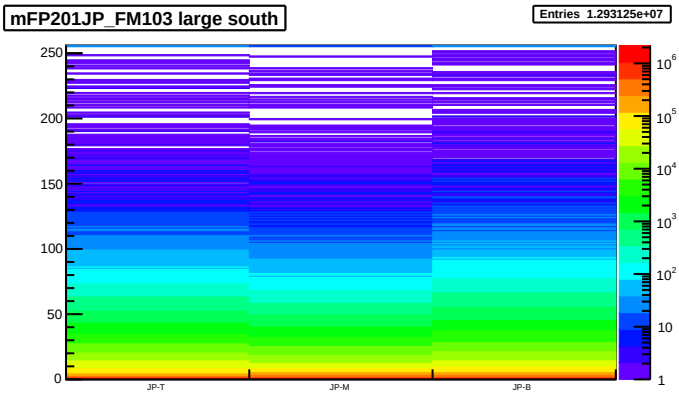

mFP201BSsim_FM104 large north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

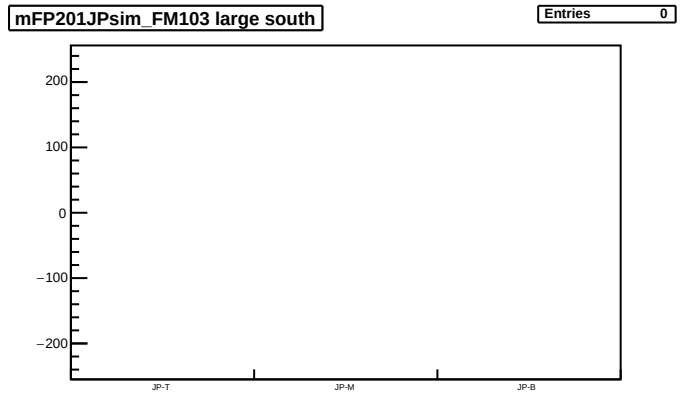

mFP201JP_FM101 small south
Entries 1.293125e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

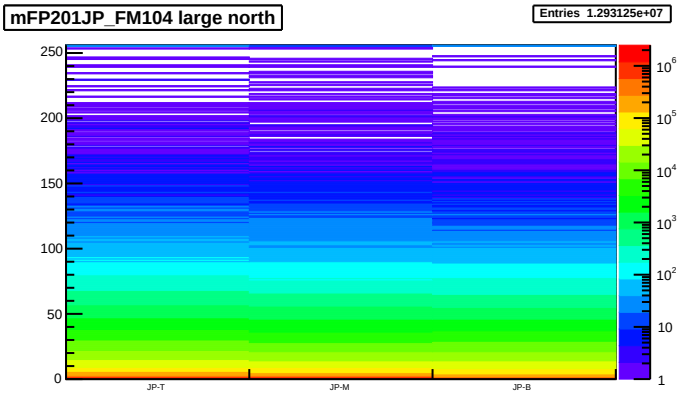

mFP201JPsim_FM101 small south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

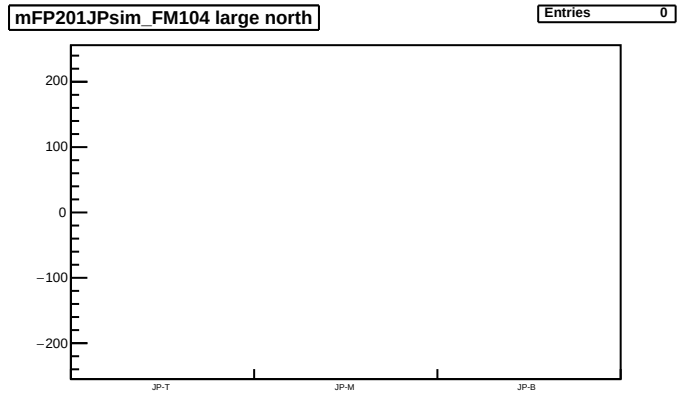

mFP201JP_FM102 small north
Entries 1.293125e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

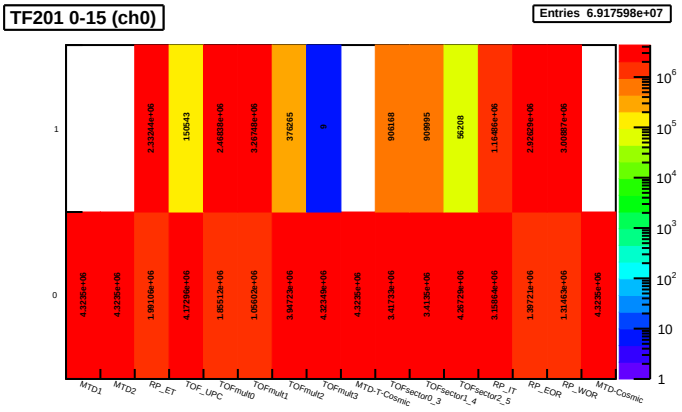

mFP201JPsim_FM102 small north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

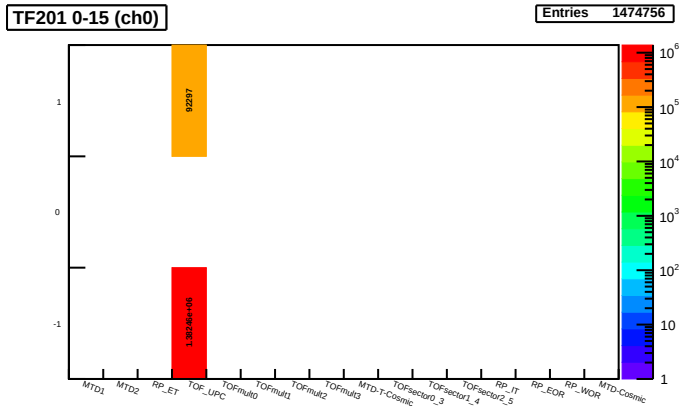

mFP201JP_FM103 large south
Entries 1.293125e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

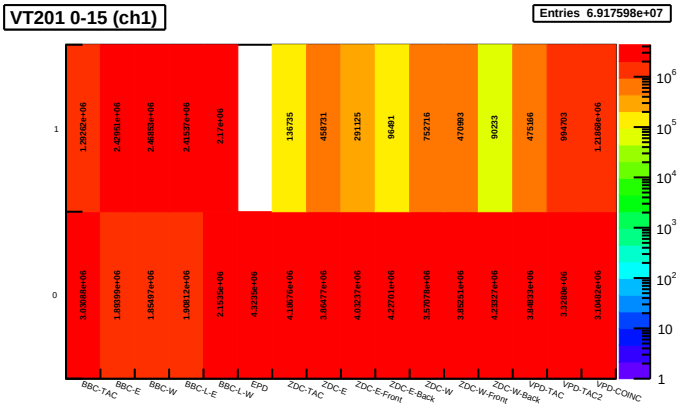

mFP201JPsim_FM103 large south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

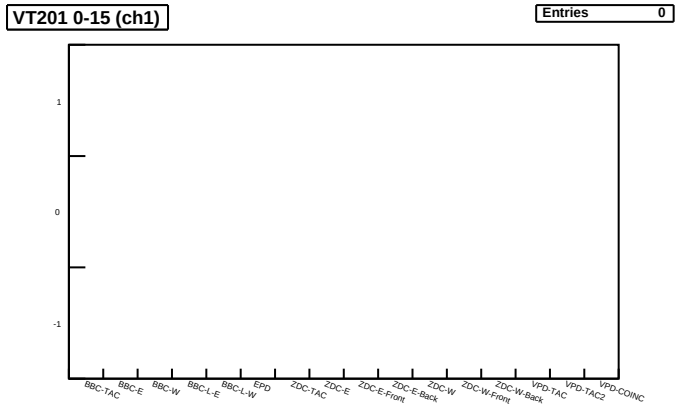

mFP201JP_FM104 large north
Entries 1.293125e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2
10
1

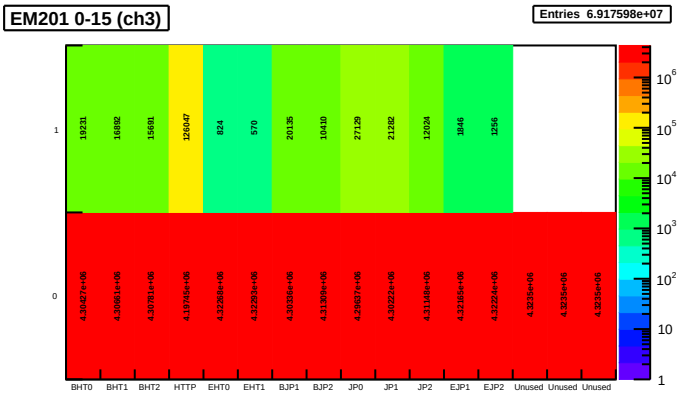

mFP201JPsim_FM104 large north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

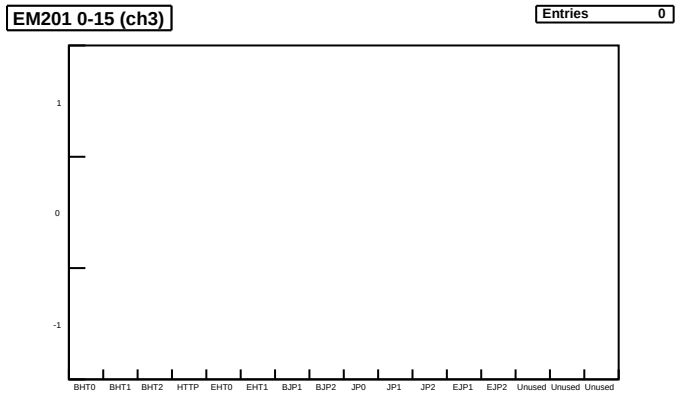

TF201 0-15 (ch0)
Entries 6.917598e+07
MTD1 MTD2 RP_ET TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

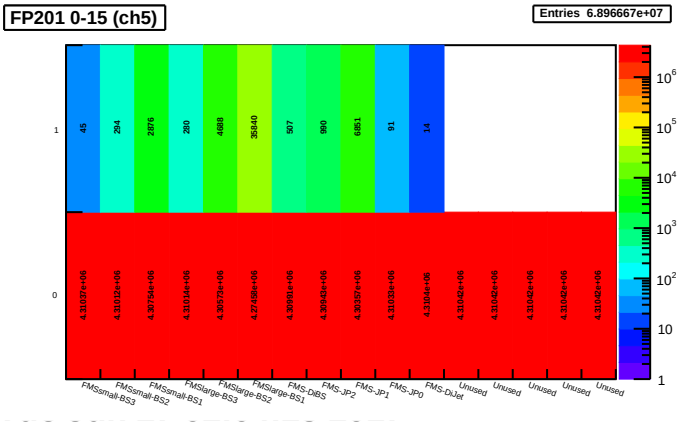

TF201 0-15 (ch0)
Entries 1474756
MTD1 MTD2 RP_ET TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

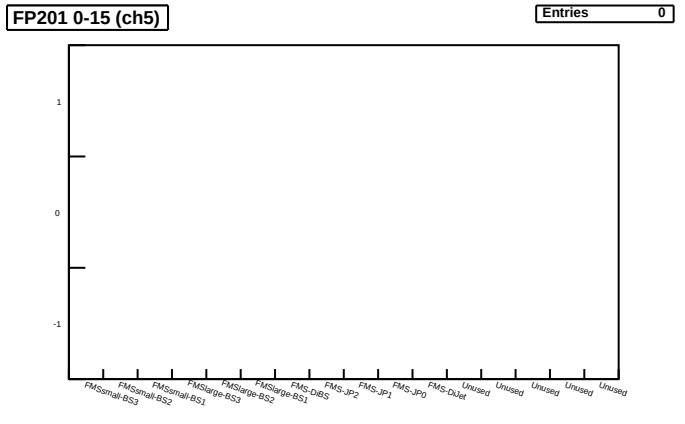

VT201 0-15 (ch1)
Entries 6.917598e+07
BBC-TAC BBC-E BBC-W BBC-L-E BBC-L-W EPD ZDC-TAC ZDC-E ZDC-E-Front ZDC-E-Back ZDC-W ZDC-W-Front ZDC-W-Back VPD-TAC VPD-TAC2 VPD-COINC


VT201 0-15 (ch1)
Entries 0
BBC-TAC BBC-E BBC-W BBC-L-E BBC-L-W EPD ZDC-TAC ZDC-E ZDC-E-Front ZDC-E-Back ZDC-W ZDC-W-Front ZDC-W-Back VPD-TAC VPD-TAC2 VPD-COINC


EM201 0-15 (ch3)
Entries 6.917598e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


FP201 0-15 (ch5)
Entries 6.896667e+07
FMSsmall-BS3 FMSsmall-BS2 FMSsmall-BS1 FMSlarge-BS3 FMSlarge-BS2 FMSlarge-BS1 FMS-DiBS FMS-JP2 FMS-JP1 FMS-JP0 FMS-DiJet Unused Unused Unused Unused Unused


FP201 0-15 (ch5)
Entries 0
FMSsmall-BS3 FMSsmall-BS2 FMSsmall-BS1 FMSlarge-BS3 FMSlarge-BS2 FMSlarge-BS1 FMS-DiBS FMS-JP2 FMS-JP1 FMS-JP0 FMS-DiJet Unused Unused Unused Unused Unused