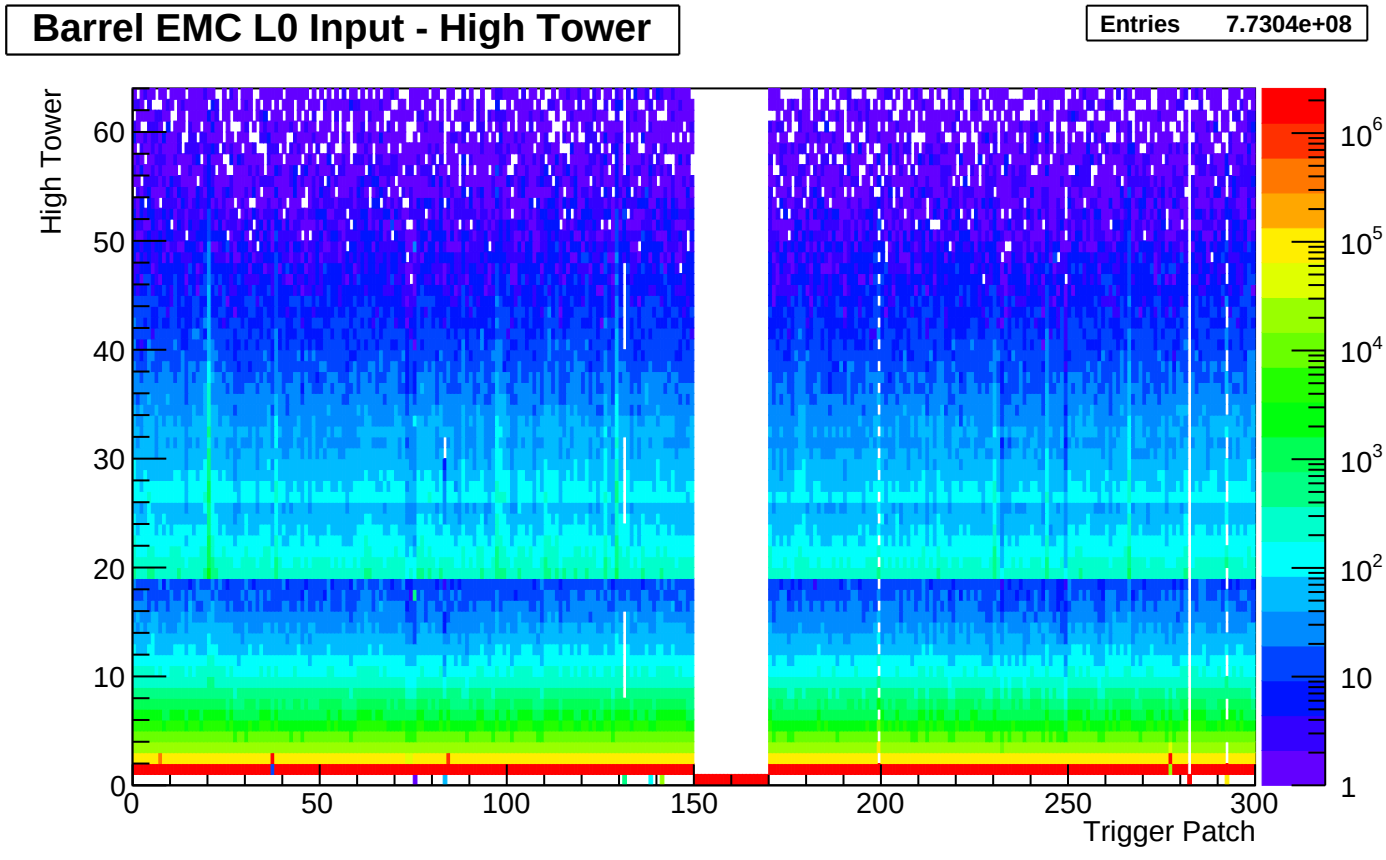
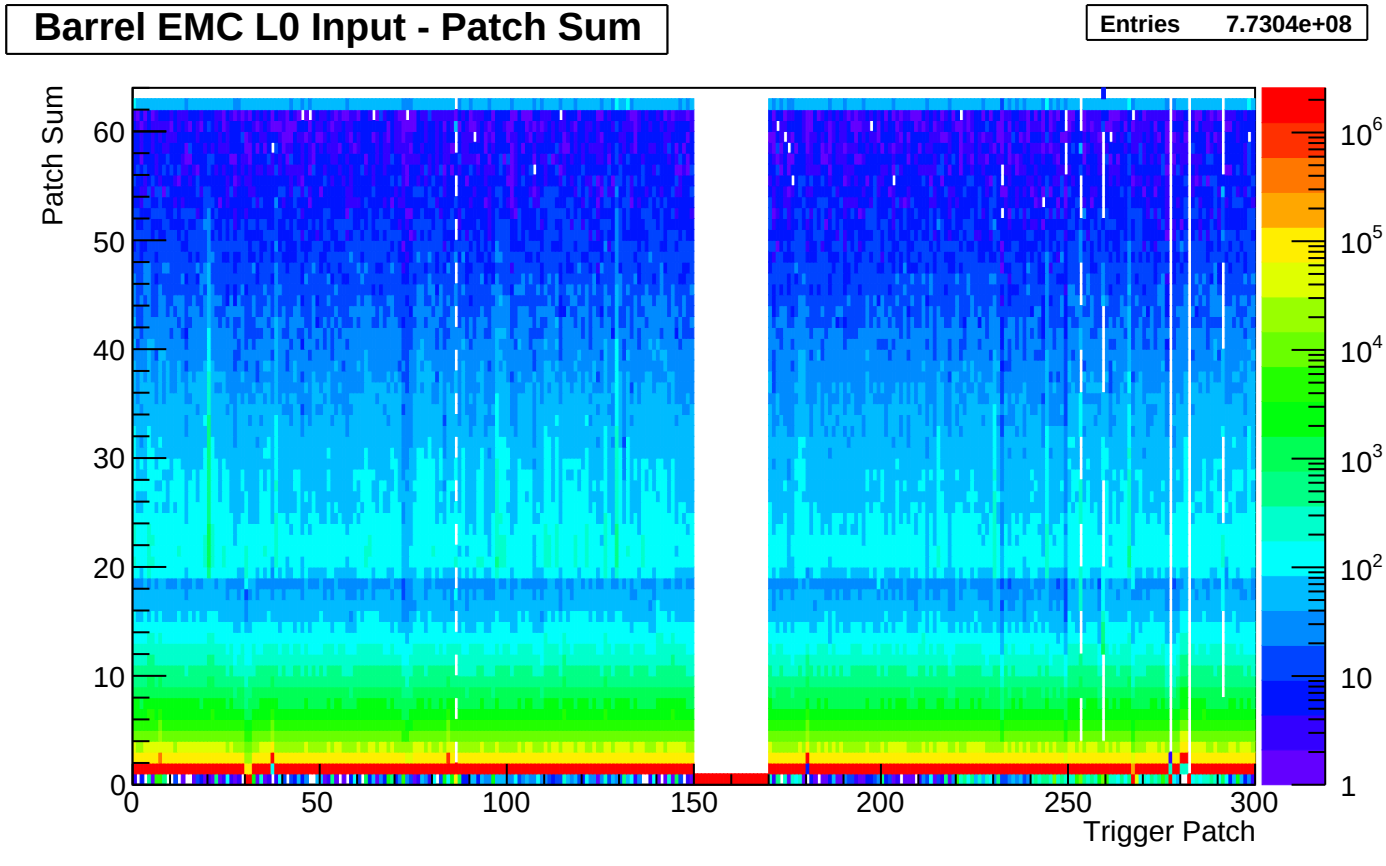
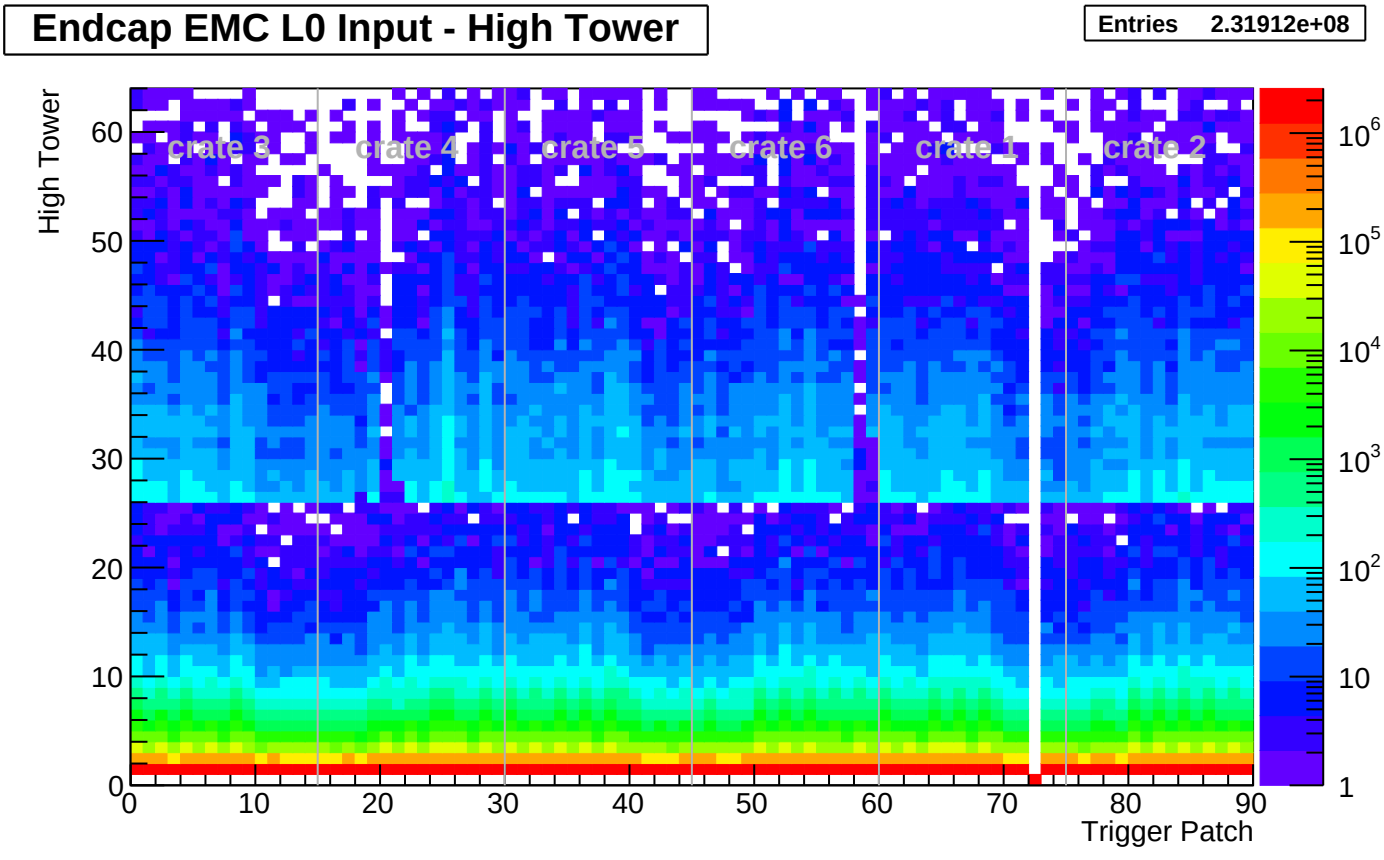
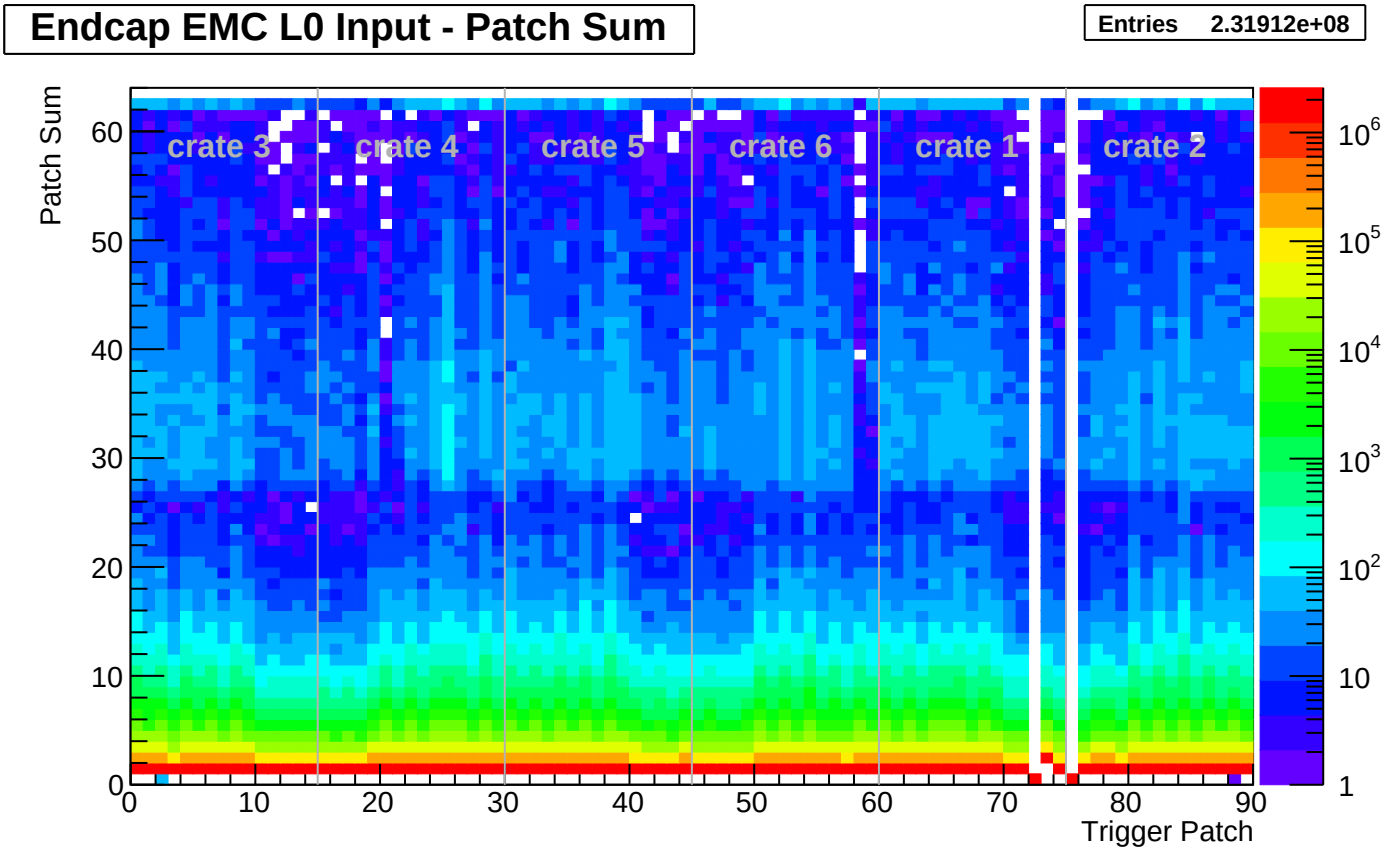
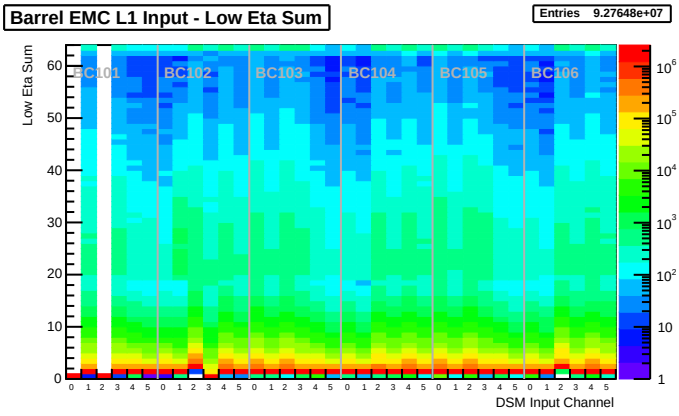
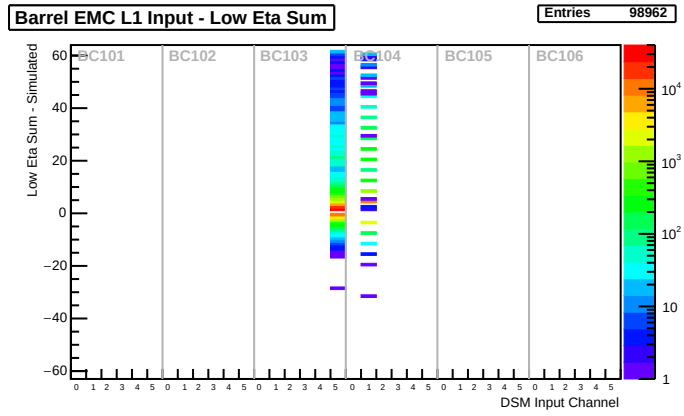

Barrel EMC L0 Input - High Tower
Entries 7.7304e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

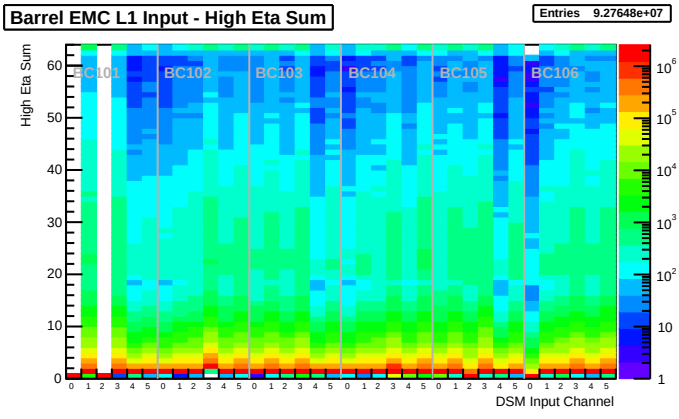

Barrel EMC L0 Input - Patch Sum
Entries 7.7304e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

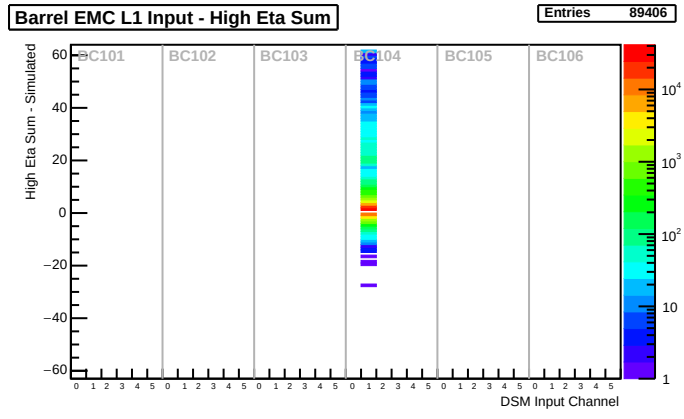

Endcap EMC L0 Input - High Tower
Entries 2.31912e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

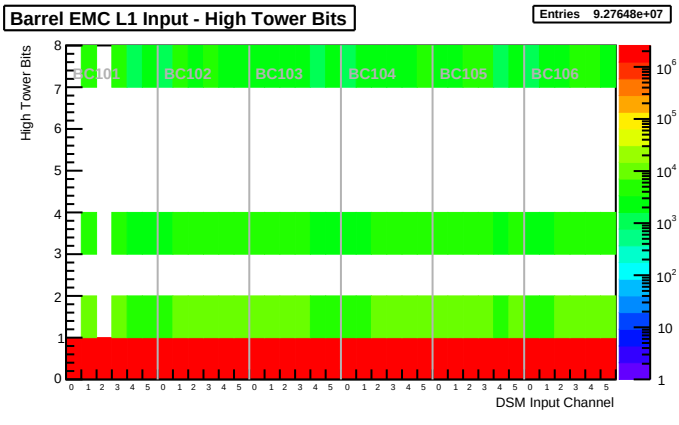

Endcap EMC L0 Input - Patch Sum
Entries 2.31912e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

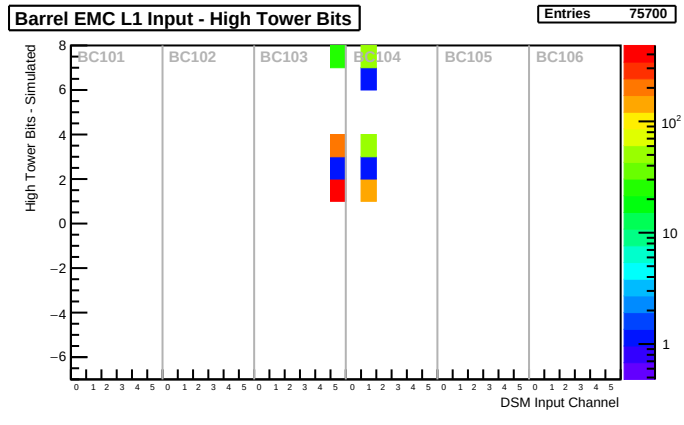

Barrel EMC L1 Input - Low Eta Sum
Entries 9.27648e+07
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

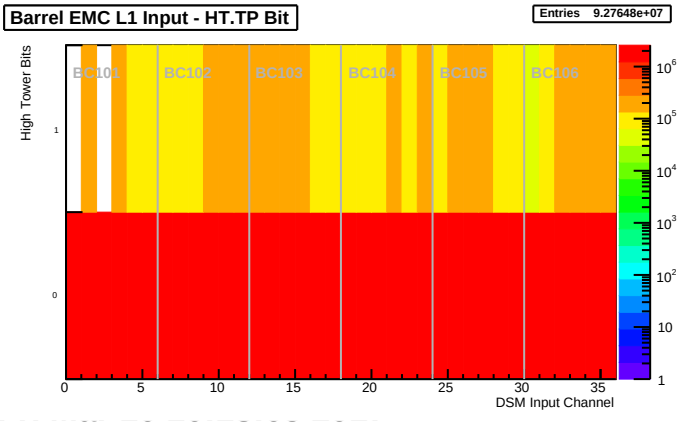

Barrel EMC L1 Input - Low Eta Sum
Entries 98962
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

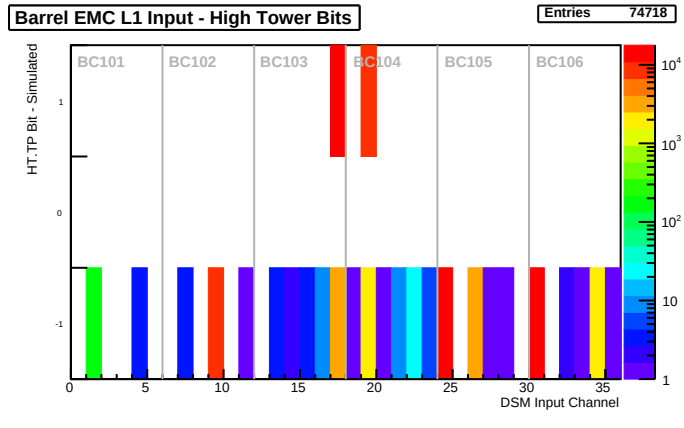

Barrel EMC L1 Input - High Eta Sum
Entries 9.27648e+07
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

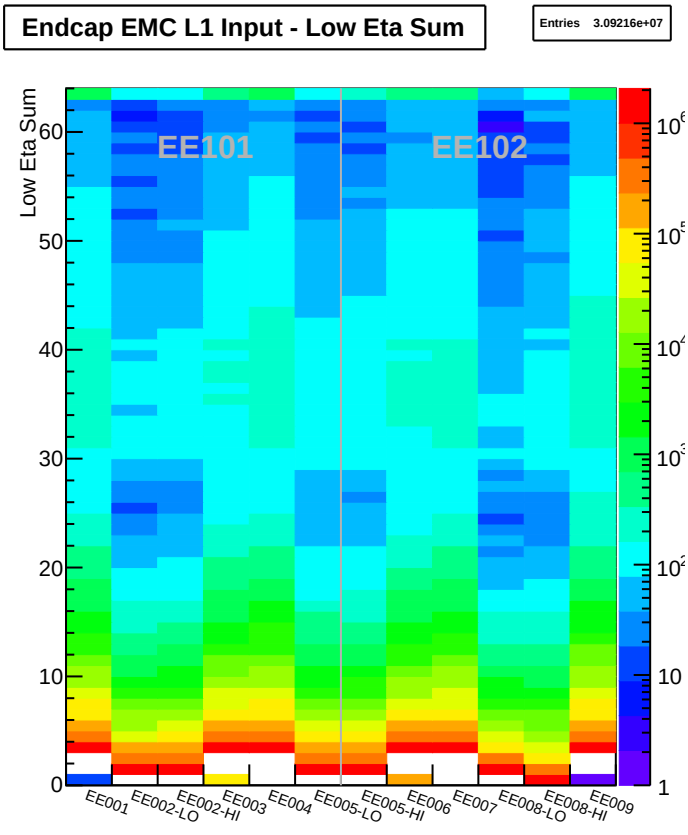

Barrel EMC L1 Input - High Eta Sum
Entries 89406
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

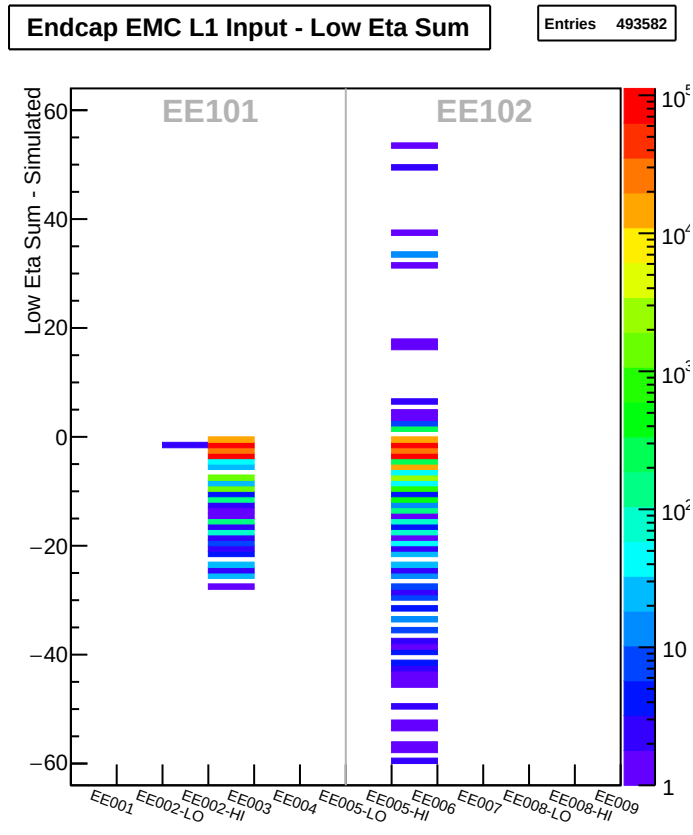

Barrel EMC L1 Input - High Tower Bits
Entries 9.27648e+07
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

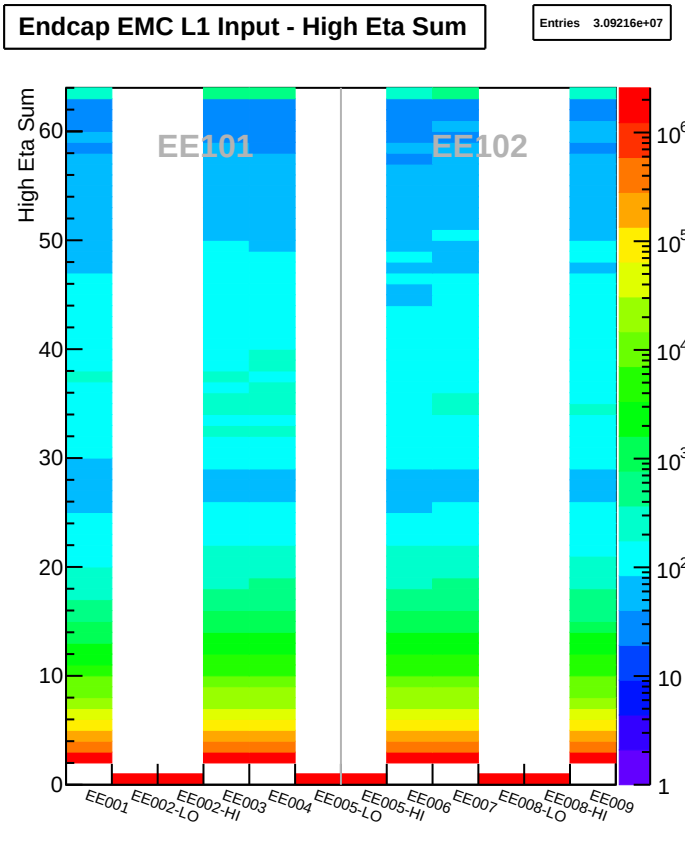

Barrel EMC L1 Input - High Tower Bits
Entries 75700
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

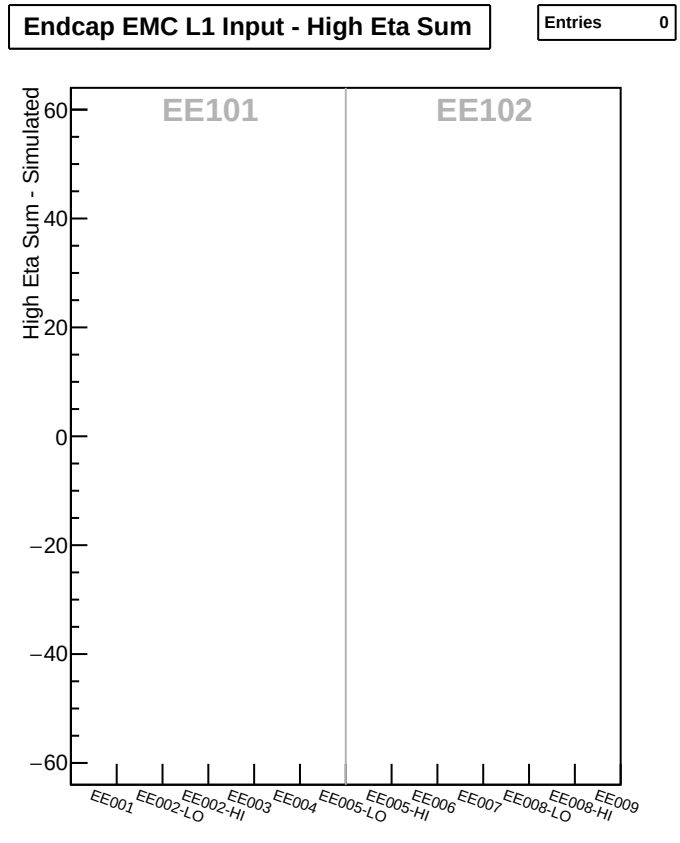

Barrel EMC L1 Input - HT.TP Bit
Entries 9.27648e+07
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

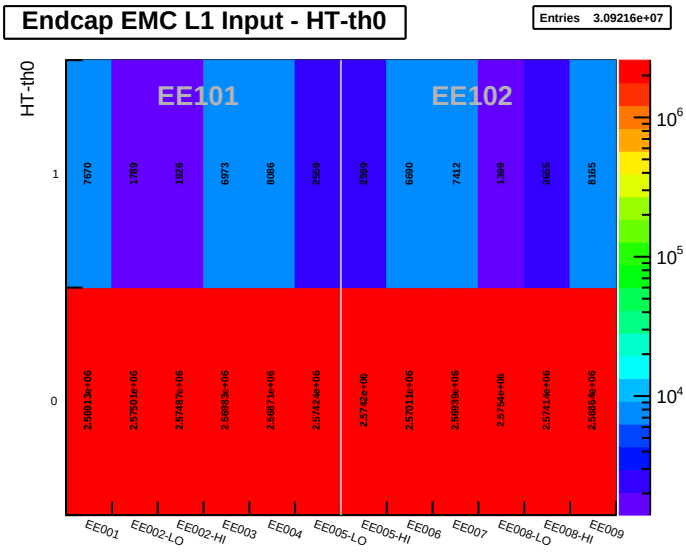

Barrel EMC L1 Input - High Tower Bits
Entries 74718
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

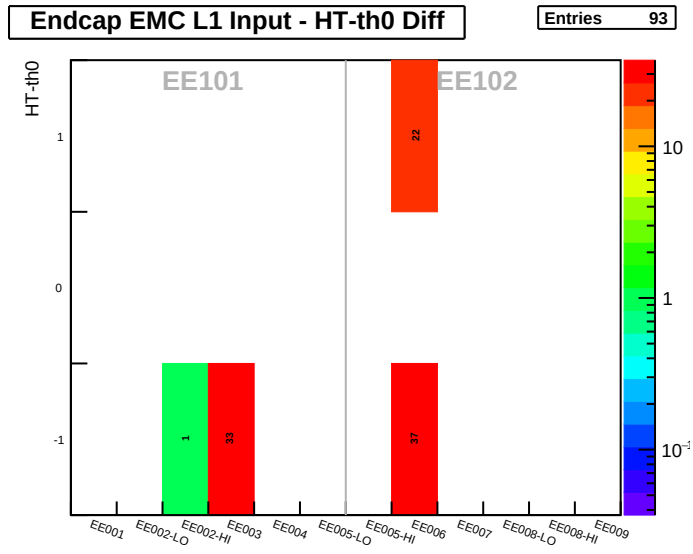

Endcap EMC L1 Input - Low Eta Sum
Entries 3.09216e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

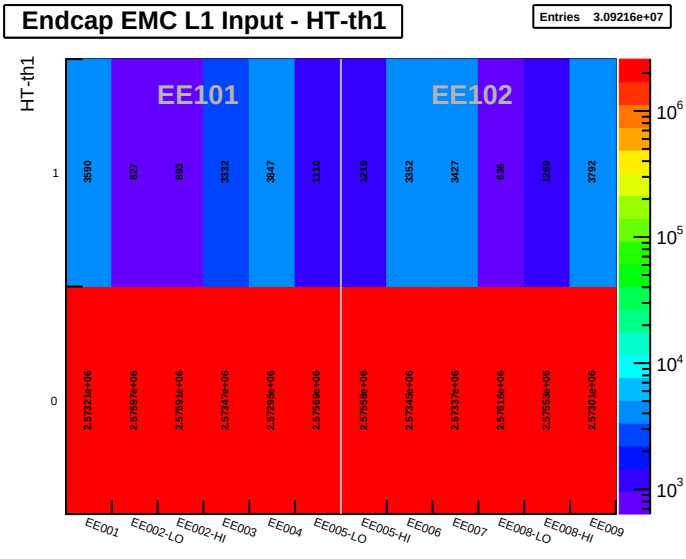

Endcap EMC L1 Input - Low Eta Sum
Entries 493582
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

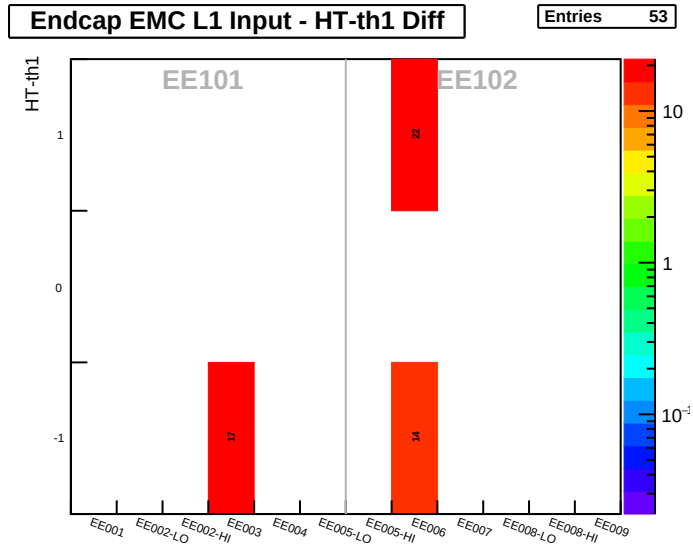

Endcap EMC L1 Input - High Eta Sum
Entries 3.09216e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

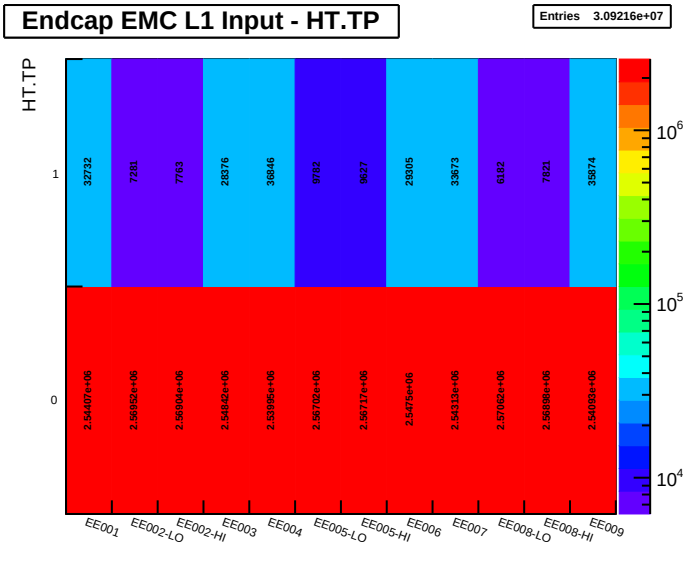

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

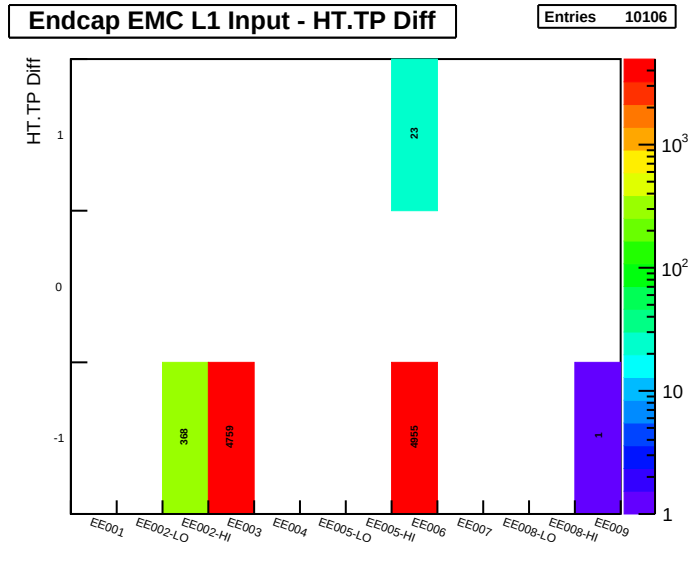

Endcap EMC L1 Input - HT-th0
Entries 3.09216e+07
HT-th0
EE101
EE102
7670 1789 1926 6973 8086 2559 2599 6690 7412 1399 2665 8165
2.56913e+06 2.57501e+06 2.57467e+06 2.56983e+06 2.56871e+06 2.57424e+06 2.57742e+06 2.57011e+06 2.56939e+06 2.5754e+06 2.57414e+06 2.56864e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

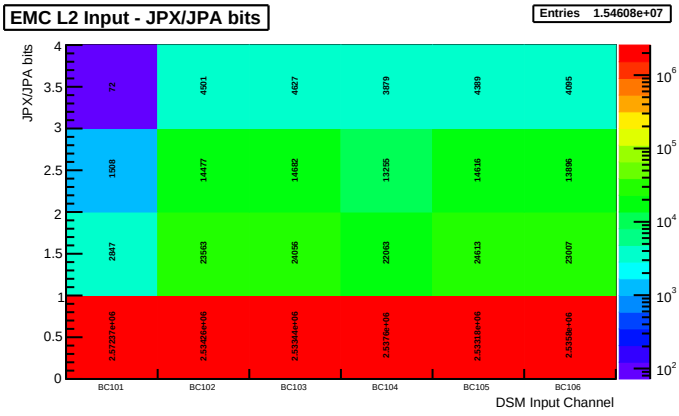

Endcap EMC L1 Input - HT-th0 Diff
Entries 93
HT-th0
EE101
EE102
22
1 33 37
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

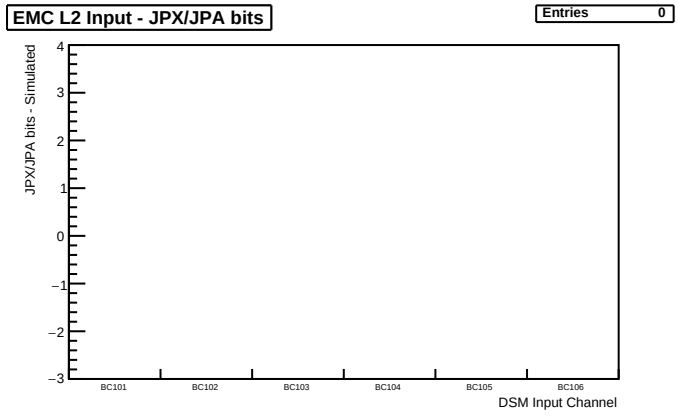

Endcap EMC L1 Input - HT-th1
Entries 3.09216e+07
HT-th1
EE101
EE102
3590 827 893 3332 3847 1110 1219 3352 3427 636 1269 3792
2.57321e+06 2.57597e+06 2.57591e+06 2.57347e+06 2.57295e+06 2.57569e+06 2.57558e+06 2.57345e+06 2.57337e+06 2.57616e+06 2.57553e+06 2.57301e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

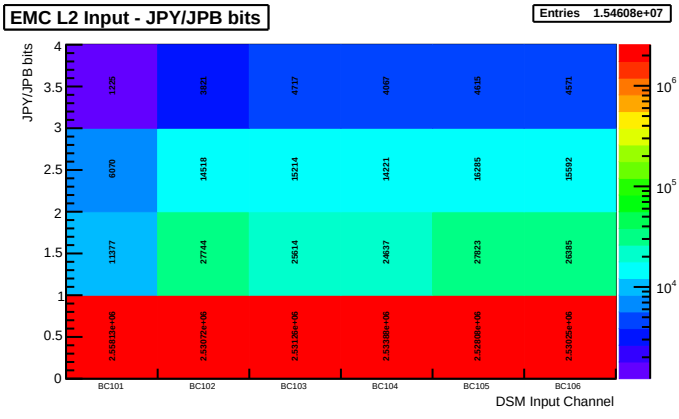

Endcap EMC L1 Input - HT-th1 Diff
Entries 53
HT-th1
EE101
EE102
22
17 14
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

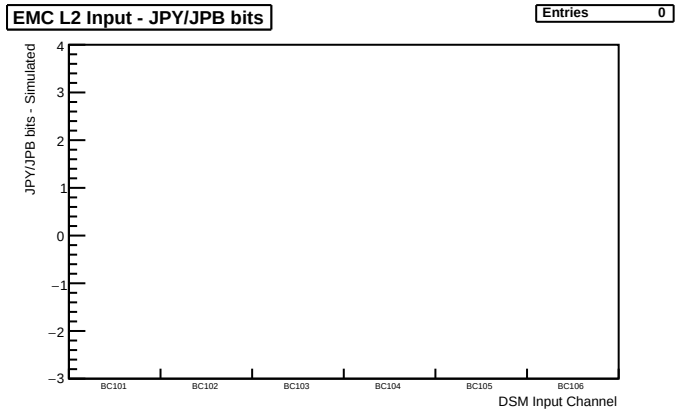

Endcap EMC L1 Input - HT.TP
Entries 3.09216e+07
HT.TP
32732 7231 7763 28376 36846 9782 9627 29305 33673 6182 7821 35874
2.54407e+06 2.56952e+06 2.56904e+06 2.54842e+06 2.53995e+06 2.56702e+06 2.56717e+06 2.5475e+06 2.54313e+06 2.57062e+06 2.56898e+06 2.54093e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

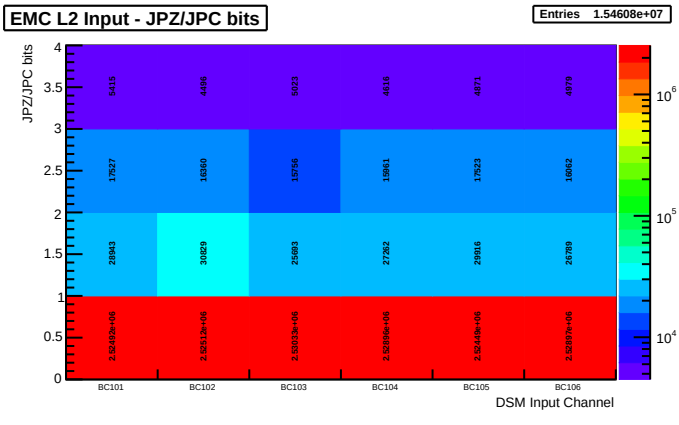

Endcap EMC L1 Input - HT.TP Diff
Entries 10106
HT.TP Diff
23
368 4759 4955 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

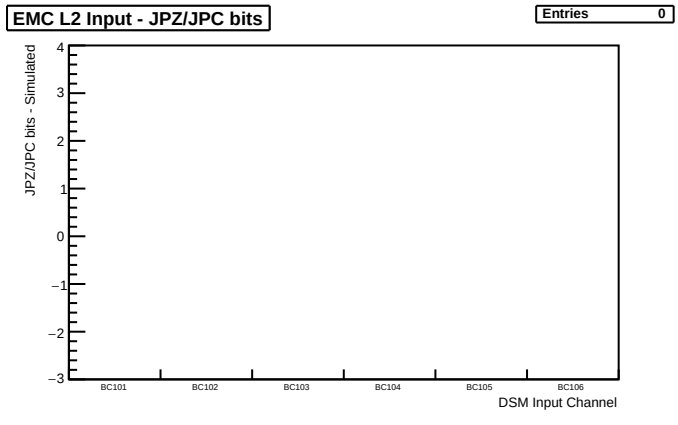

EMC L2 Input - JPX/JPA bits
Entries 1.54608e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

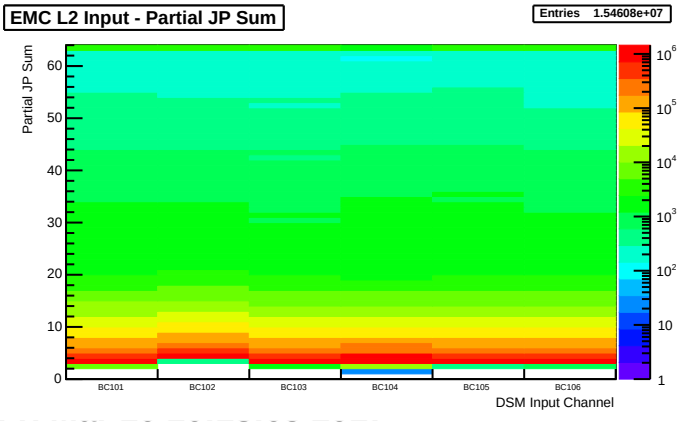

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

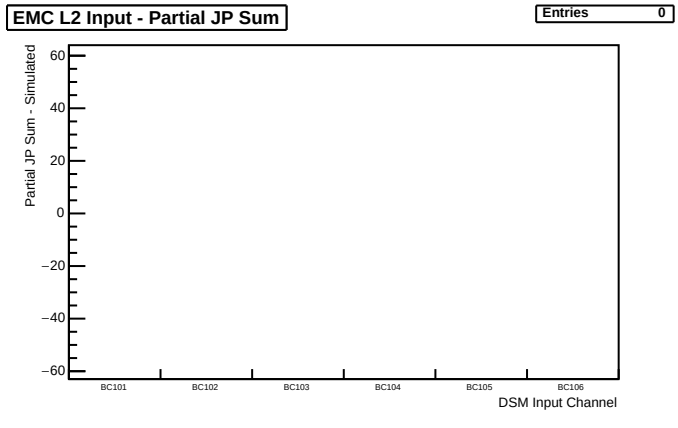

EMC L2 Input - JPY/JPB bits
Entries 1.54608e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

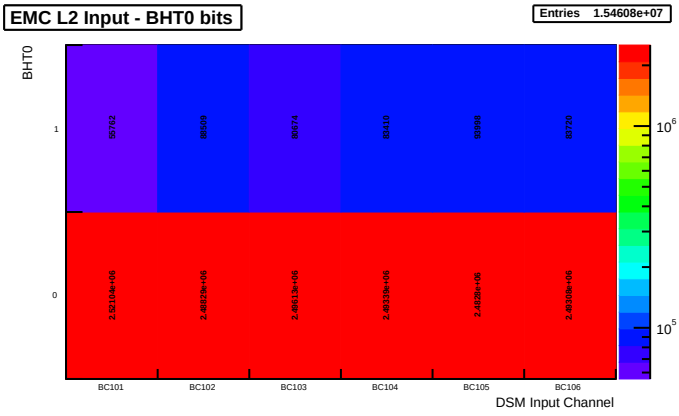

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

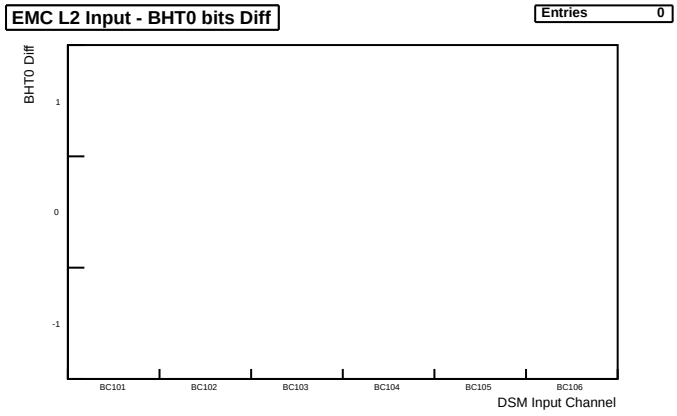

EMC L2 Input - JPZ/JPC bits
Entries 1.54608e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

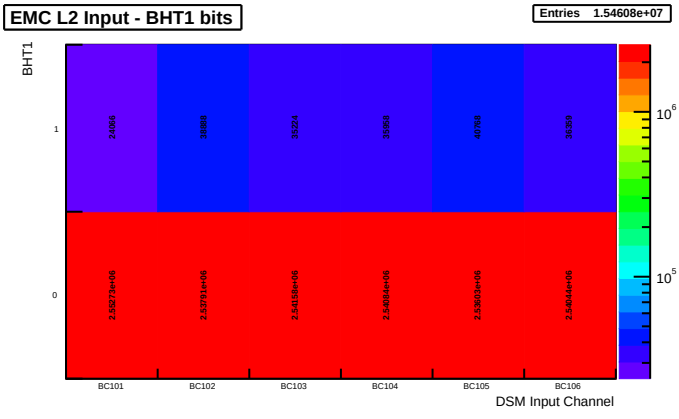

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

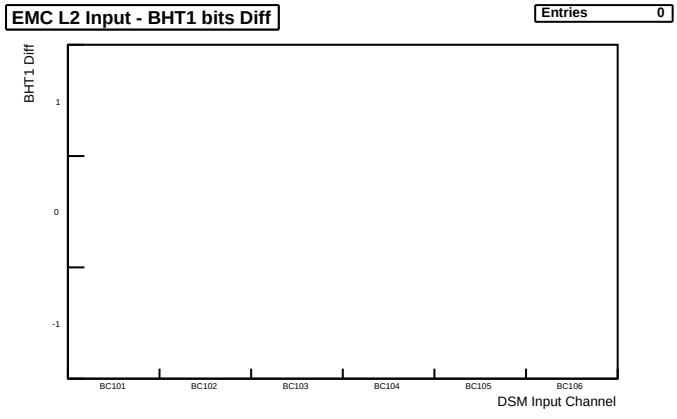

EMC L2 Input - Partial JP Sum
Entries 1.54608e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

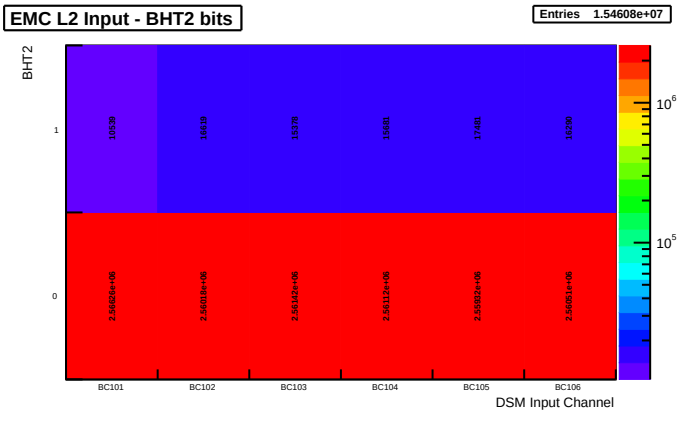

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

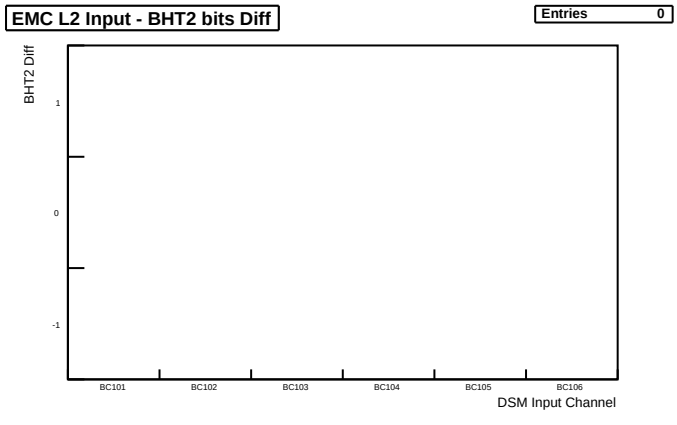

EMC L2 Input - BHT0 bits
Entries 1.54608e+07
BHT0
1
0
55762
69309
69674
63410
59998
63720
2.52104e+06
2.48929e+06
2.46613e+06
2.49319e+06
2.48329e+06
2.49309e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

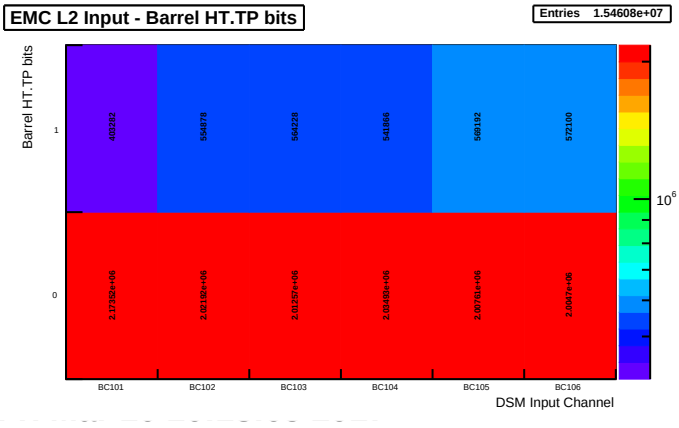

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

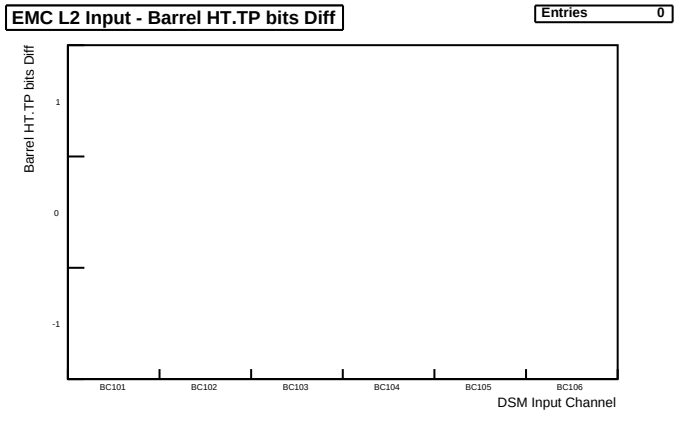

EMC L2 Input - BHT1 bits
Entries 1.54608e+07
BHT1
1
0
24066
38888
35224
35958
40768
35359
2.55273e+06
2.53791e+06
2.54158e+06
2.54094e+06
2.53903e+06
2.54044e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

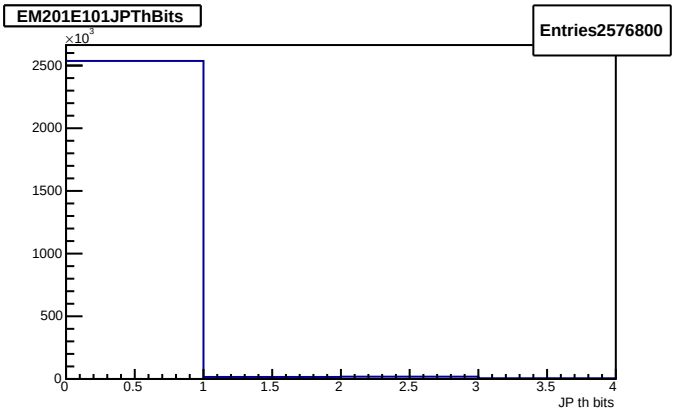

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

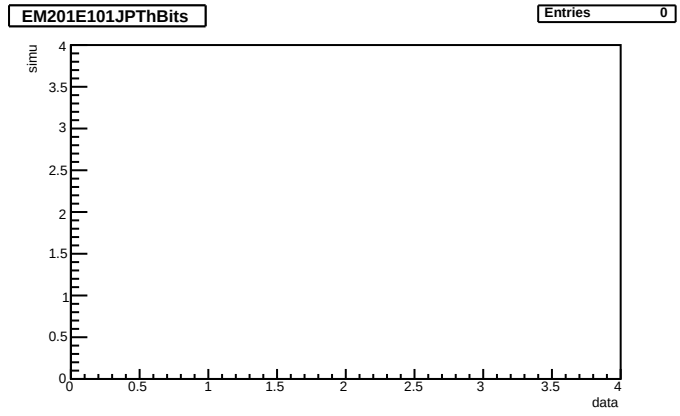

EMC L2 Input - BHT2 bits
Entries 1.54608e+07
BHT2
1
0
10539
16519
15378
15631
17481
16230
2.56826e+06
2.56018e+06
2.56342e+06
2.56112e+06
2.55932e+06
2.56061e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

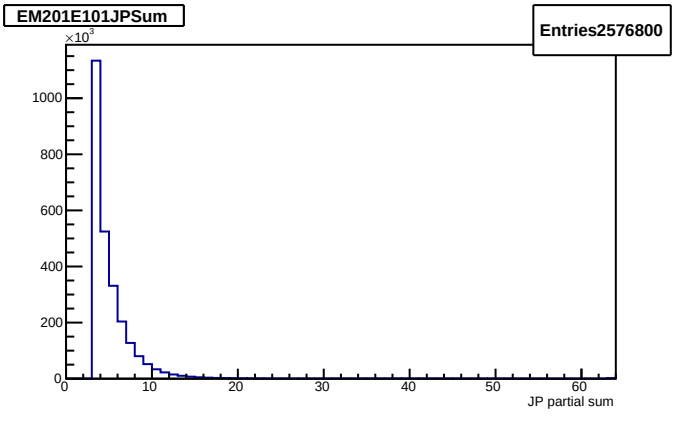

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

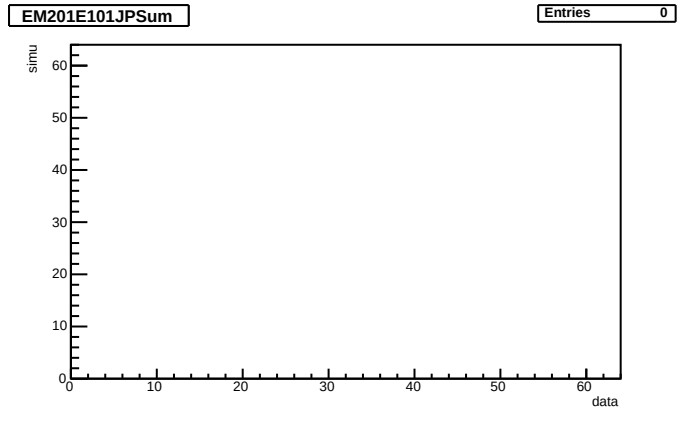

EMC L2 Input - Barrel HT.TP bits
Entries 1.54608e+07
Barrel HT.TP bits
1
0
449232
554978
564228
541866
569192
572100
2.17352e+06
2.02192e+06
2.01259e+06
2.03493e+06
2.00761e+06
2.0047e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

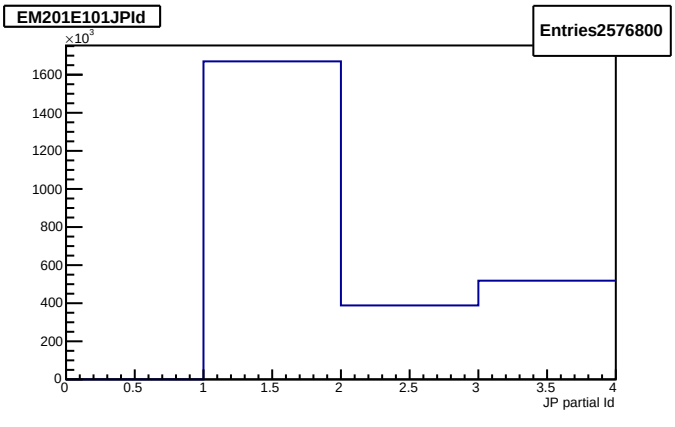

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

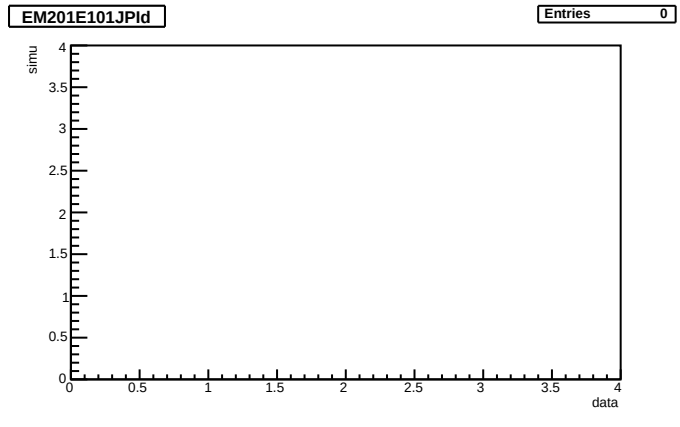

EM201E101JPThBits
Entries2576800
×10^3
JP th bits


EM201E101JPThBits
Entries 0
simu
data


EM201E101JPSum
Entries2576800
×10^3
JP partial sum


EM201E101JPSum
Entries 0
simu
data


EM201E101JPId
Entries2576800
×10^3
JP partial Id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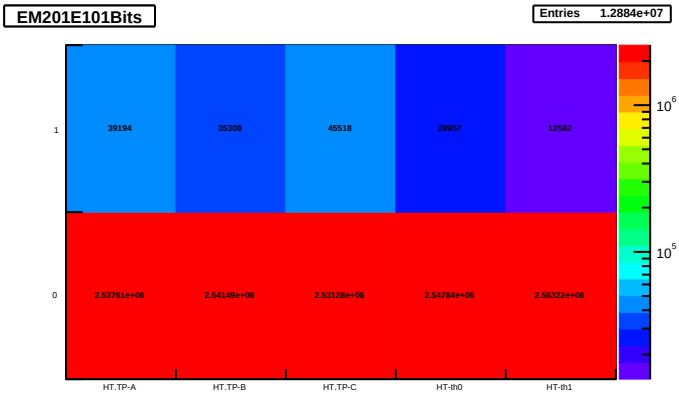
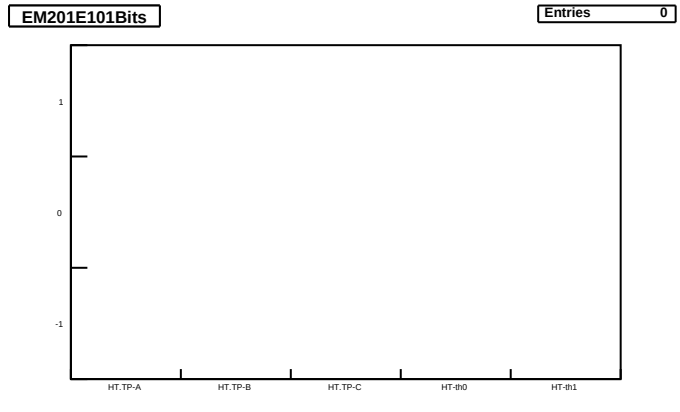
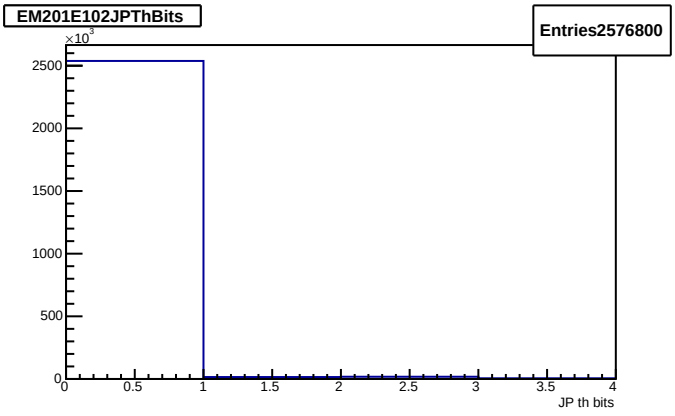
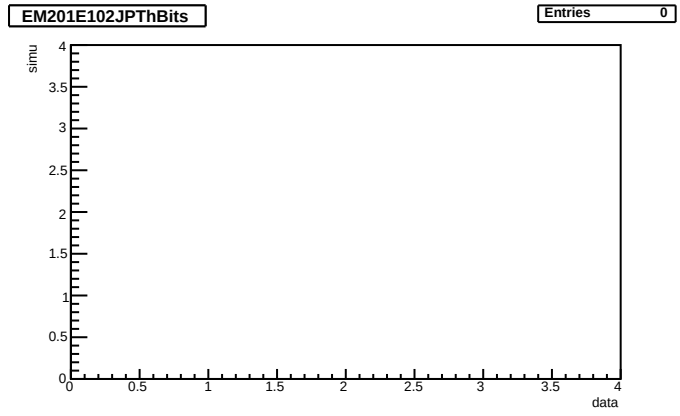
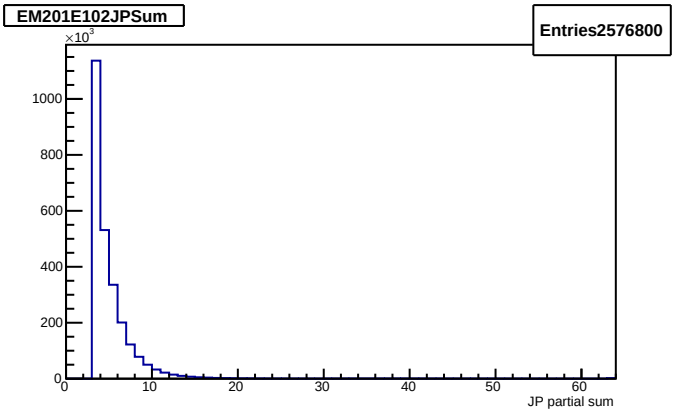
Entries 0
simu
data

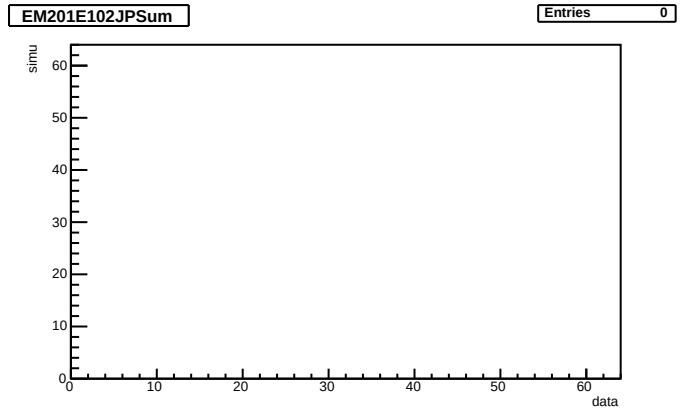

EM201E101Bits
Entries 1.2884e+07
39194
35308
45518
28957
13582
2.53761e+06
2.54149e+06
2.53128e+06
2.54784e+06
2.56322e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

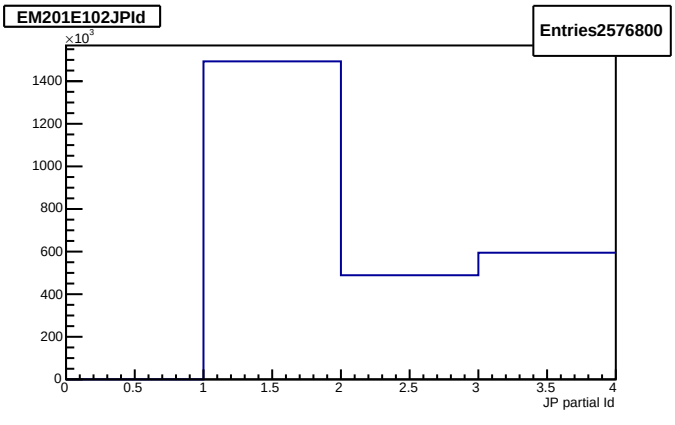

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

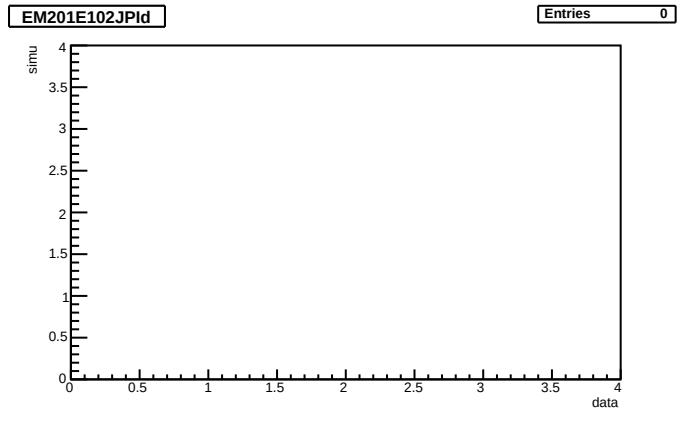

EM201E102JPThBits
Entries2576800
×10^3
JP th bits

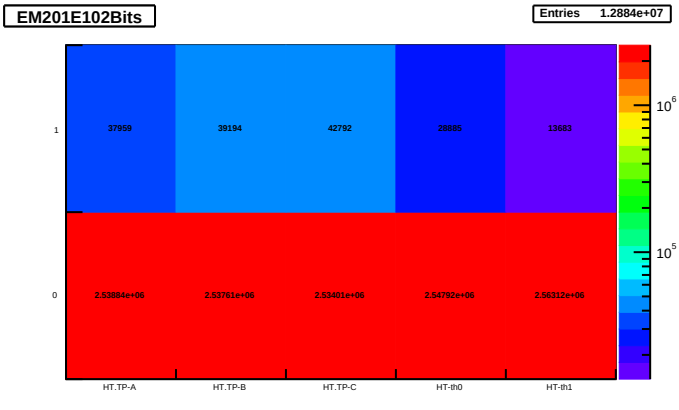

EM201E102JPThBits
Entries 0
simu
data

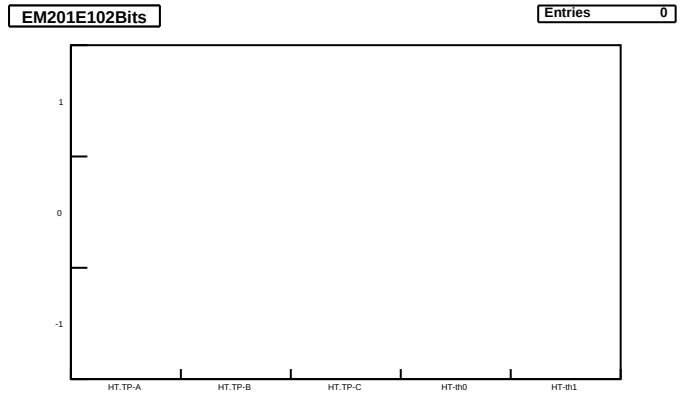

EM201E102JPSum
Entries2576800
×10^3
JP partial sum

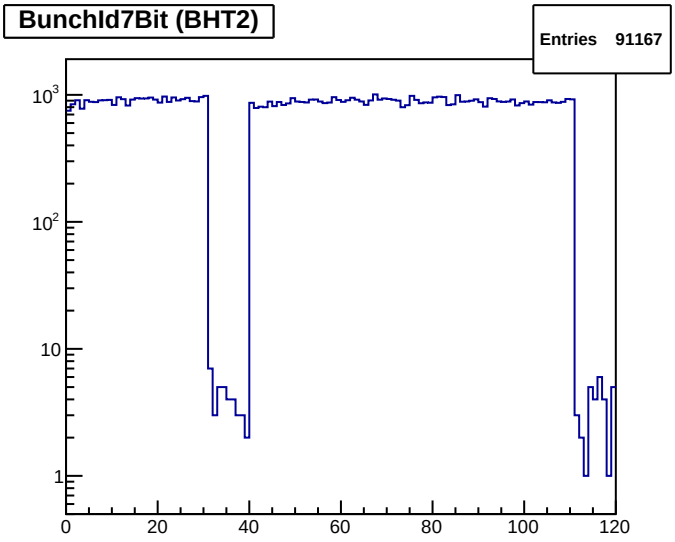

EM201E102JPSum
Entries 0
simu
data

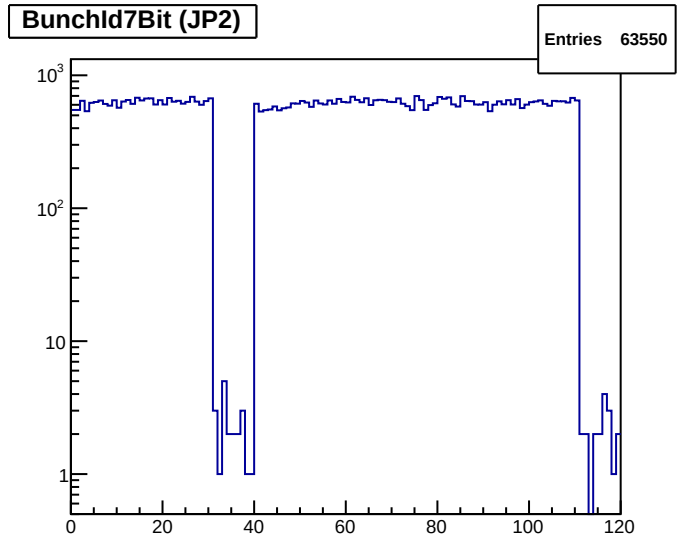

EM201E102JPId
Entries2576800
×10^3
JP partial Id

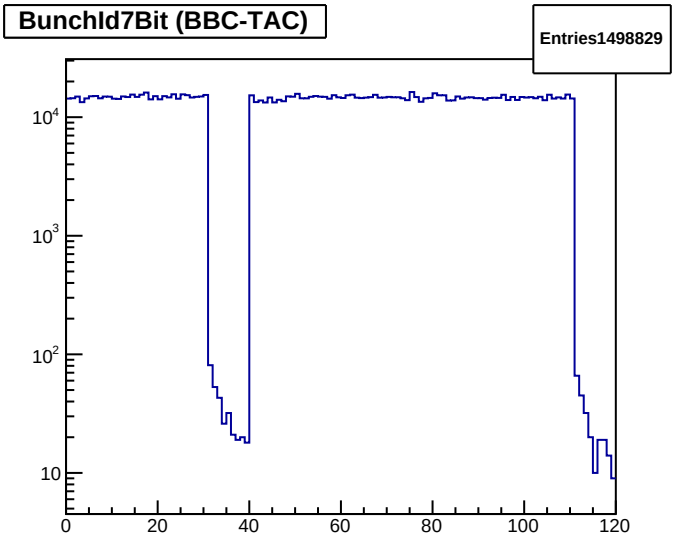

EM201E102JPId
Entries 0
simu
data

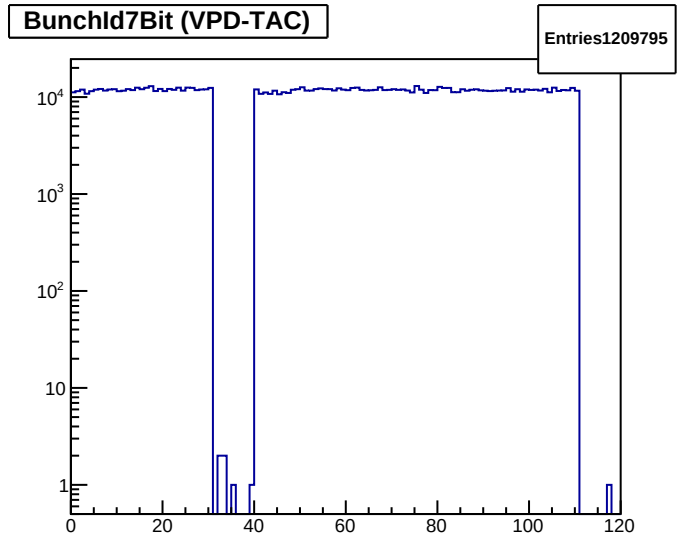

EM201E102Bits
Entries 1.2884e+07
37959
39194
42792
28885
13683
2.53884e+06
2.53761e+06
2.53401e+06
2.54792e+06
2.56312e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

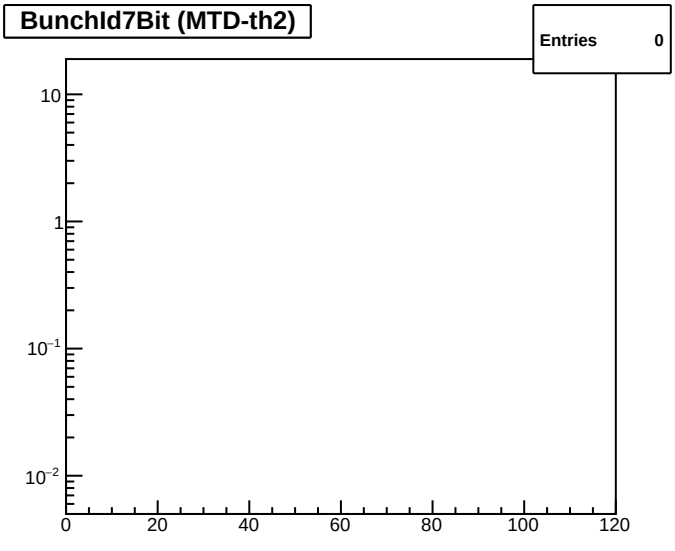

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

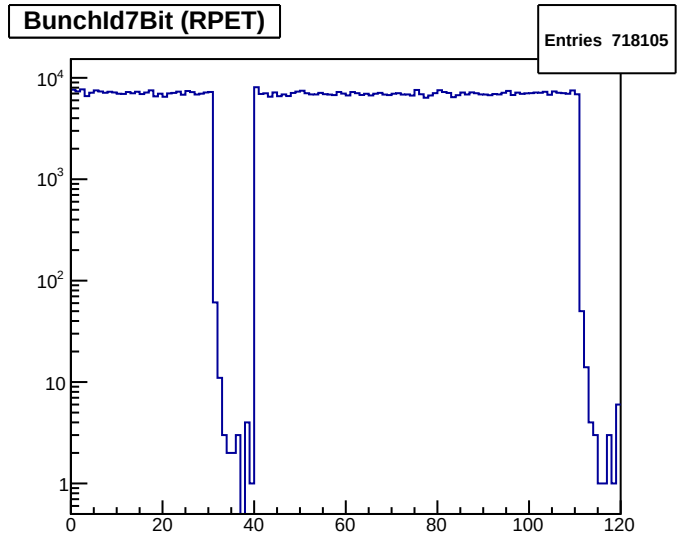

BunchId7Bit (BHT2)
Entries 91167

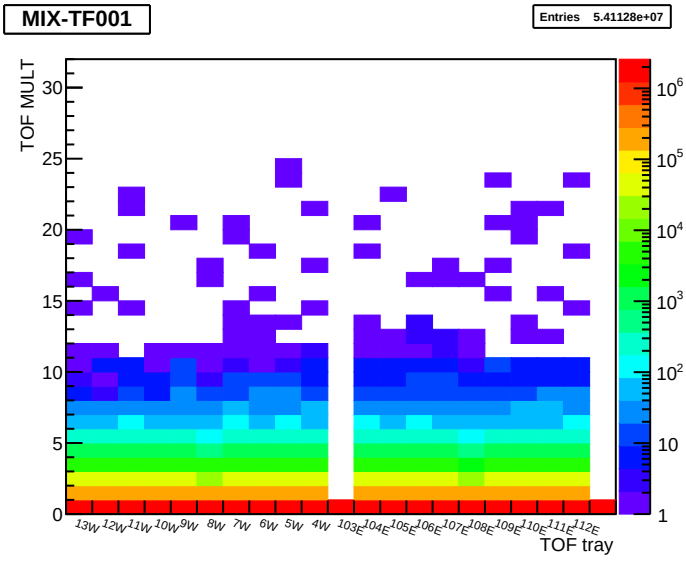

BunchId7Bit (JP2)
Entries 63550

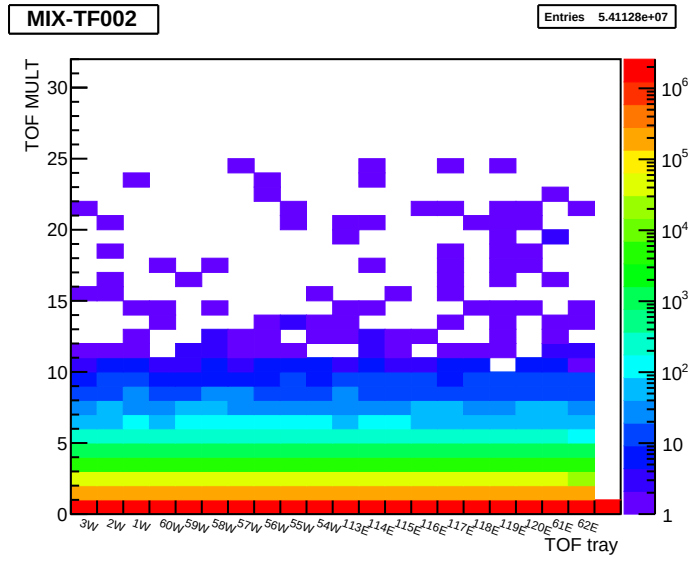

BunchId7Bit (BBC-TAC)
Entries1498829

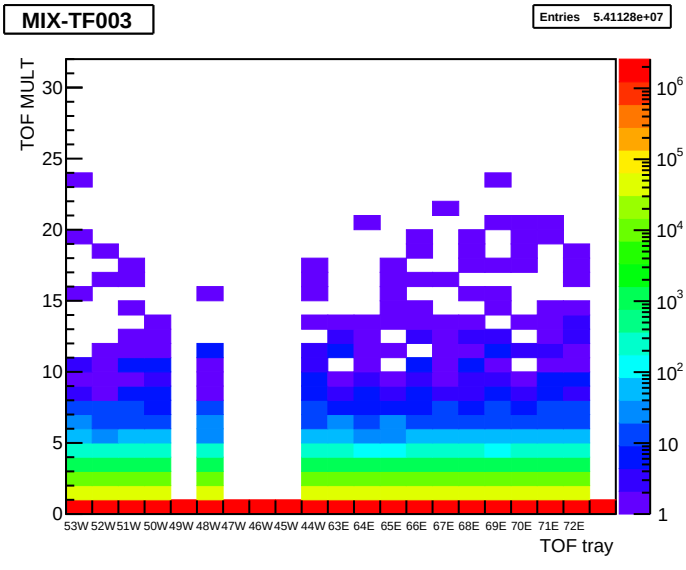

BunchId7Bit (VPD-TAC)
Entries1209795

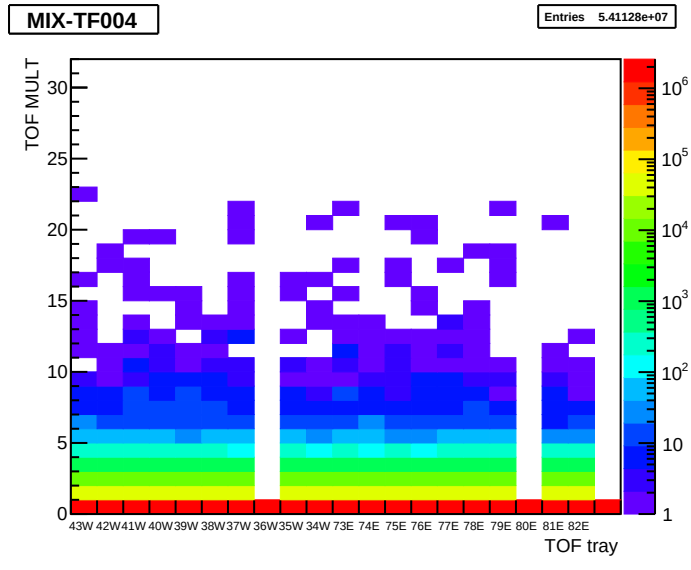

BunchId7Bit (MTD-th2)
Entries 0

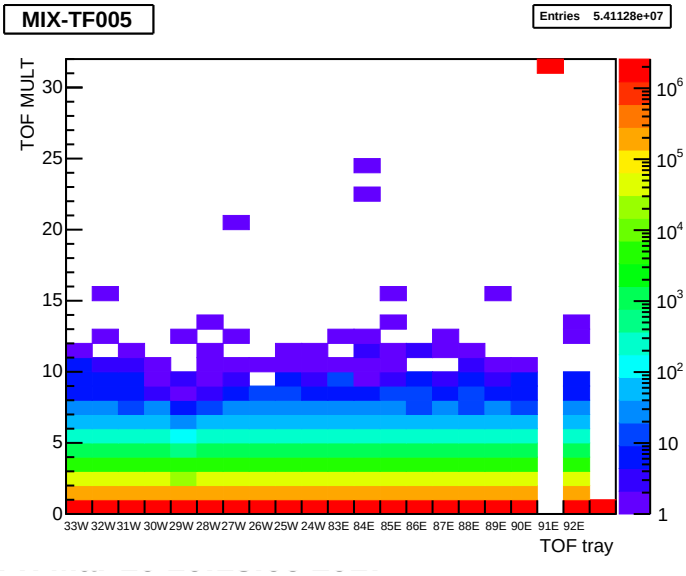

BunchId7Bit (RPET)
Entries 718105

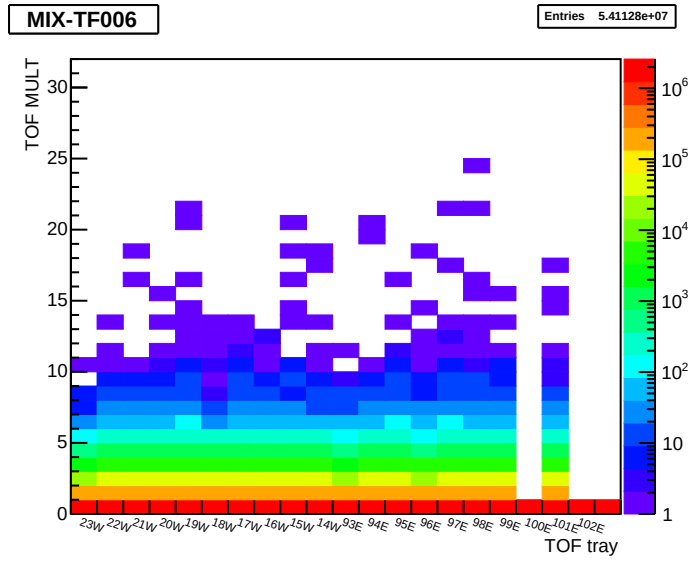

MIX-TF001
Entries 5.41128e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

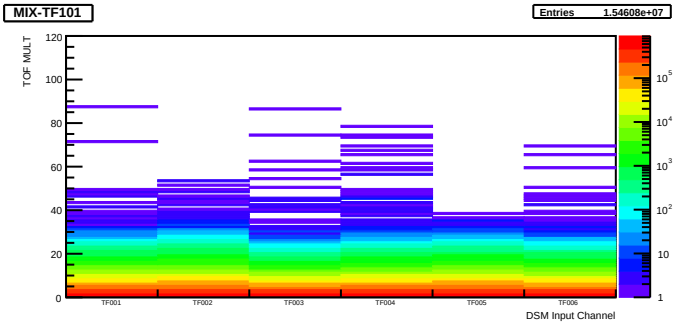

MIX-TF002
Entries 5.41128e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

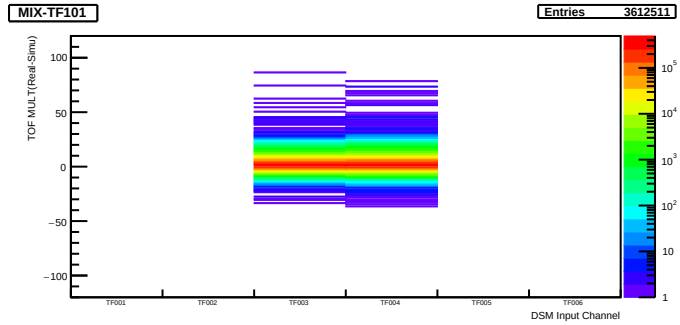

MIX-TF003
Entries 5.41128e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

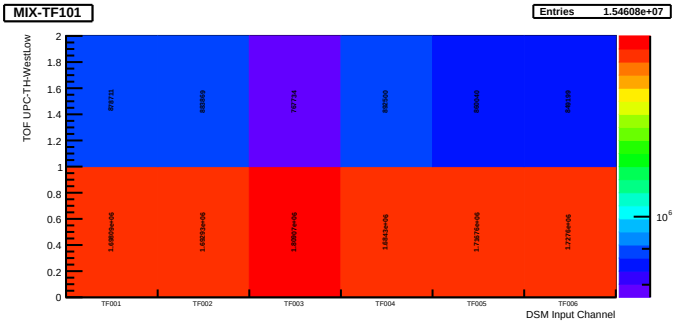

MIX-TF004
Entries 5.41128e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

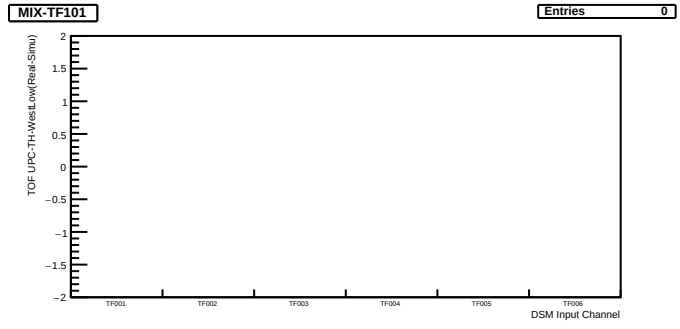

MIX-TF005
Entries 5.41128e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

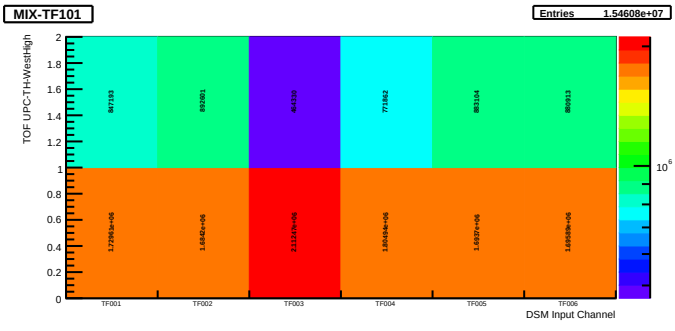

MIX-TF006
Entries 5.41128e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

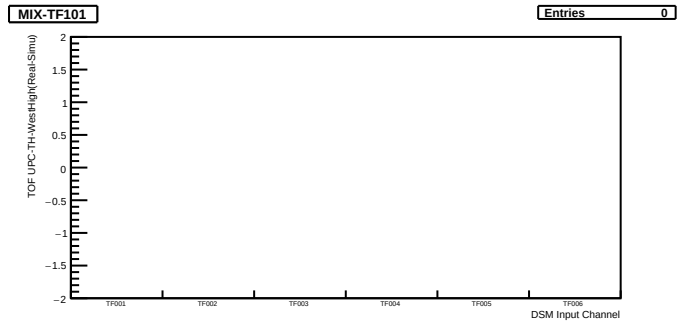

MIX-TF101
Entries 1.54608e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

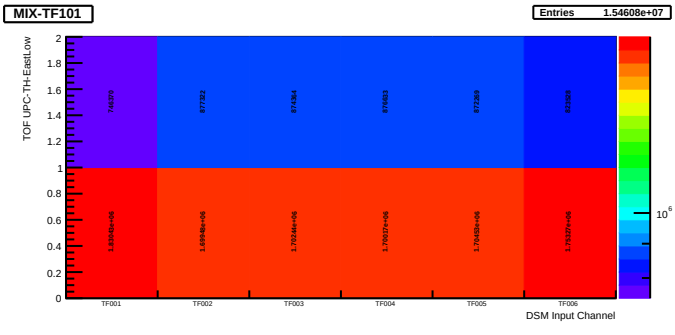

MIX-TF101
Entries 3612511
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

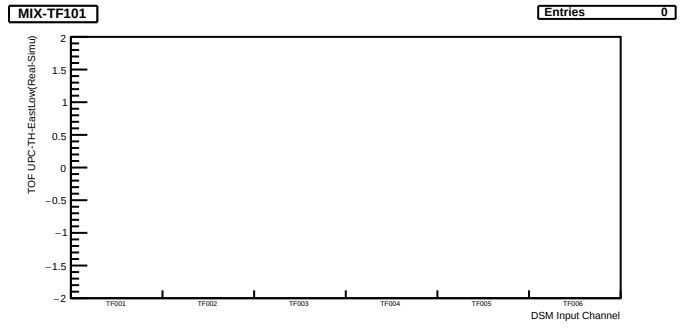

MIX-TF101
Entries 1.54608e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

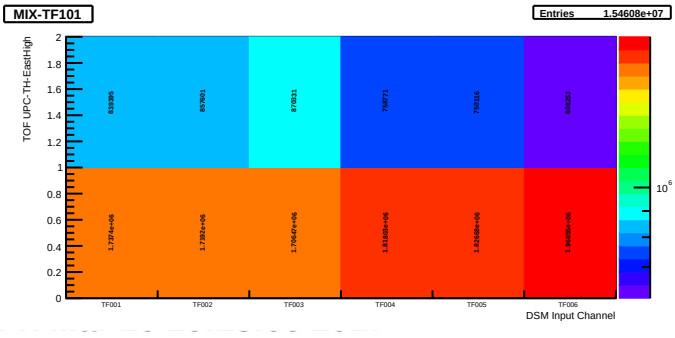

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

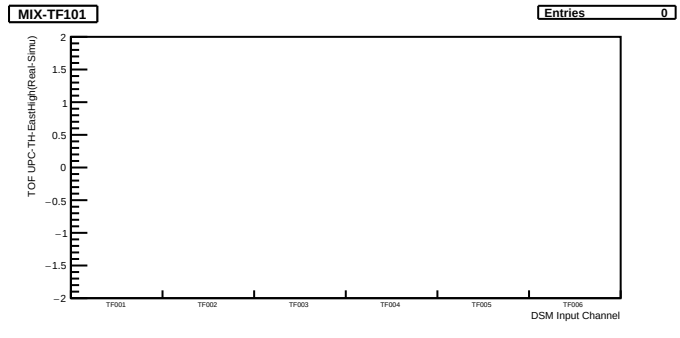

MIX-TF101
Entries 1.54608e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

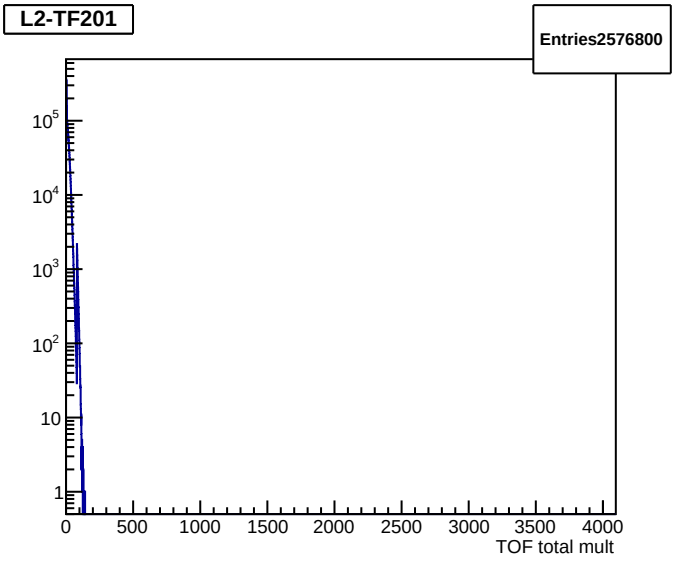

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

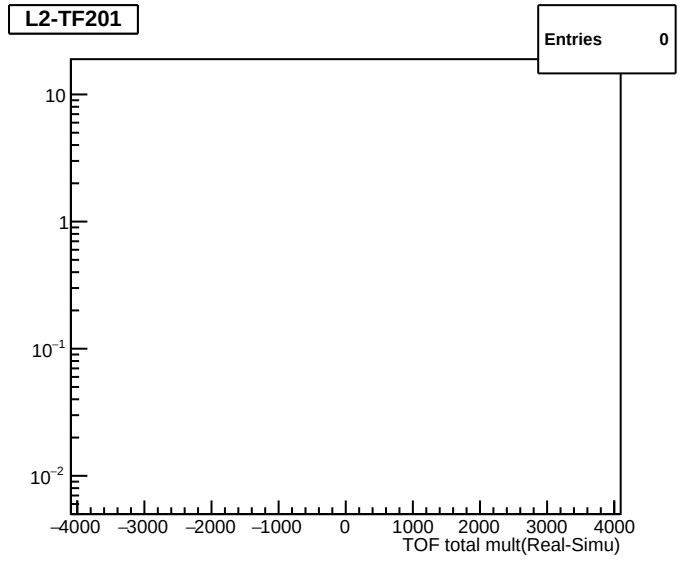

MIX-TF101
Entries 1.54608e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

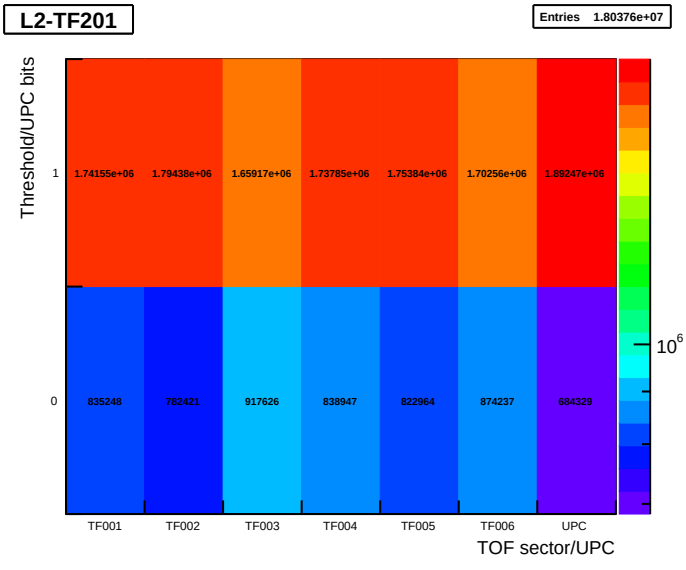

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

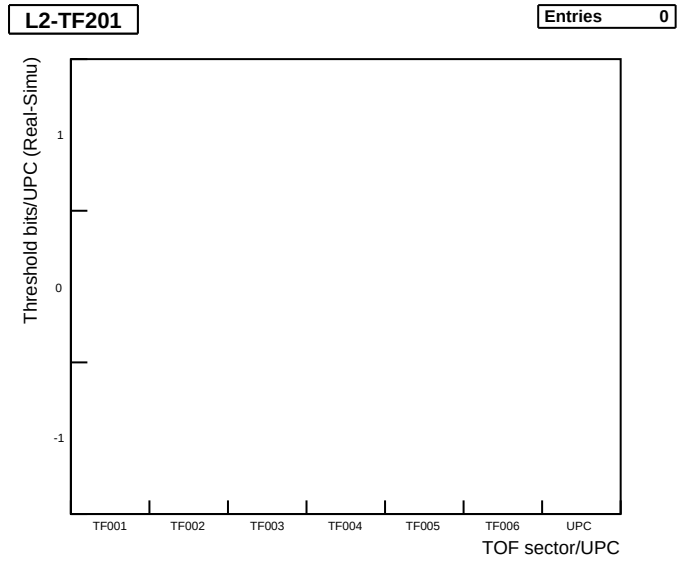

MIX-TF101
Entries 1.54608e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

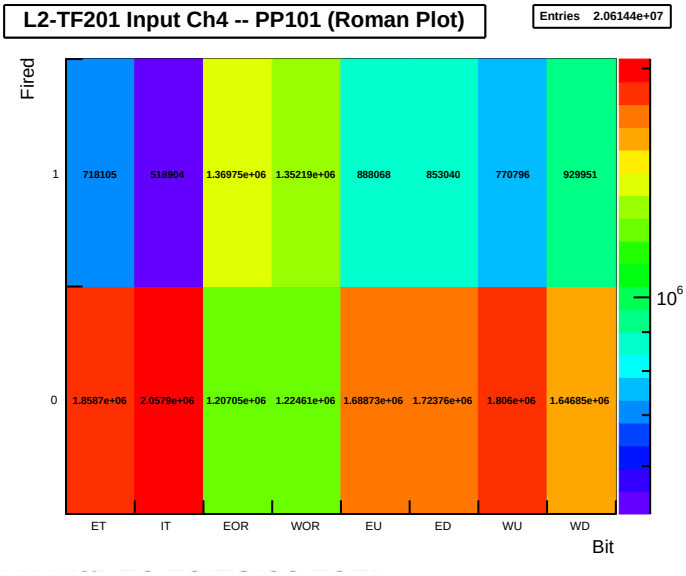

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

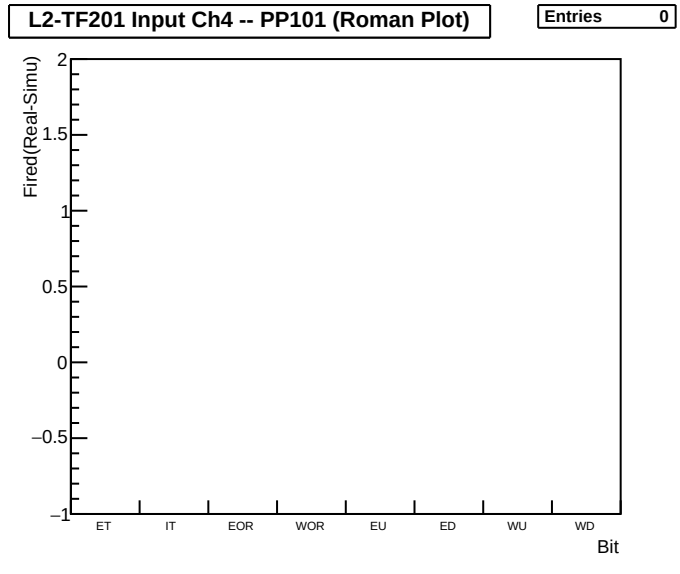

L2-TF201
Entries2576800
TOF total mult

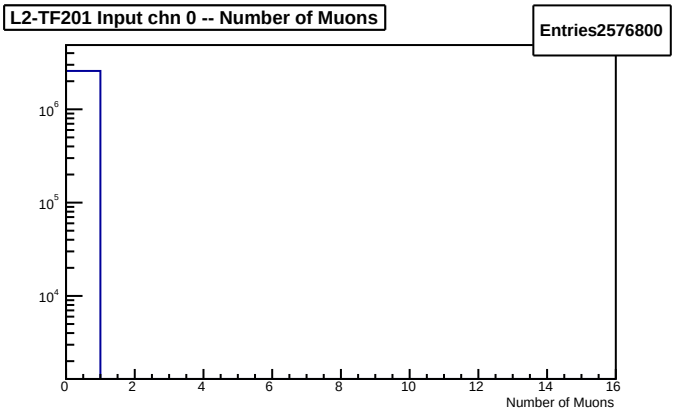

L2-TF201
Entries 0
TOF total mult(Real-Simu)

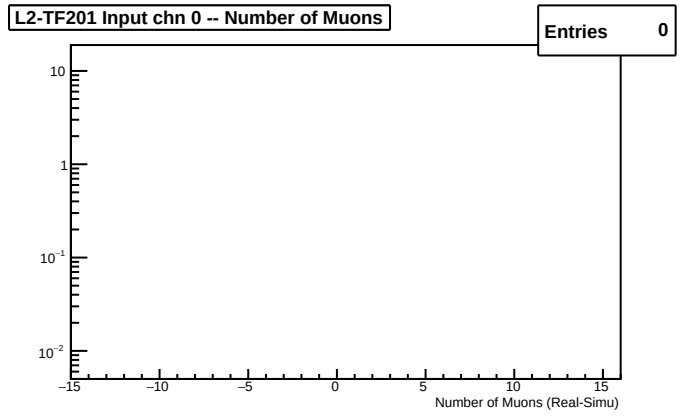

L2-TF201
Entries 1.80376e+07
Threshold/UPC bits
1.74155e+06
1.79438e+06
1.65917e+06
1.73785e+06
1.75384e+06
1.70256e+06
1.89247e+06
835248
782421
917626
838947
822964
874237
684329
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

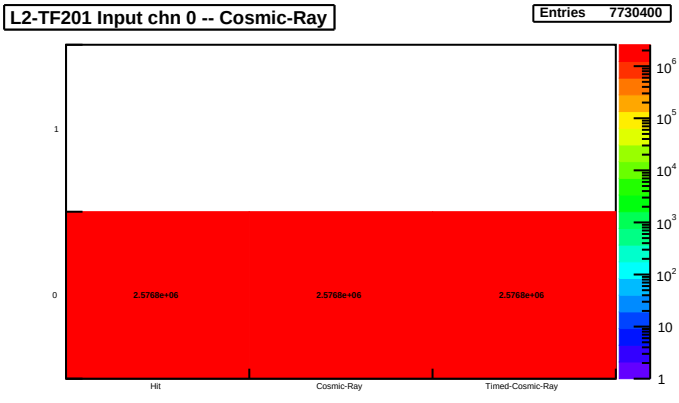

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

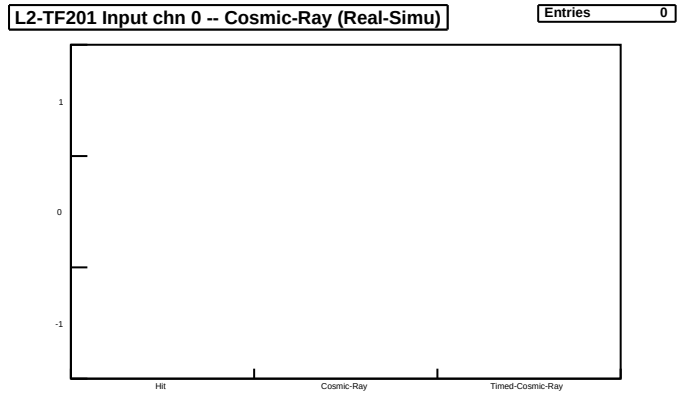

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.06144e+07
Fired
718105
518904
1.36975e+06
1.35219e+06
888068
853040
770796
929951
1.8587e+06
2.0579e+06
1.20705e+06
1.22461e+06
1.68873e+06
1.72376e+06
1.806e+06
1.64685e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

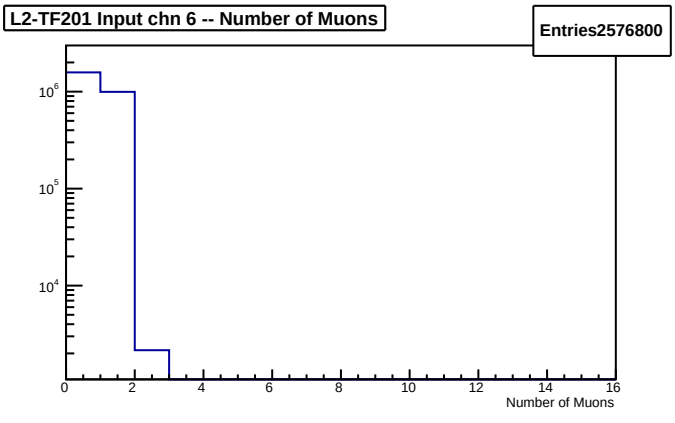

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

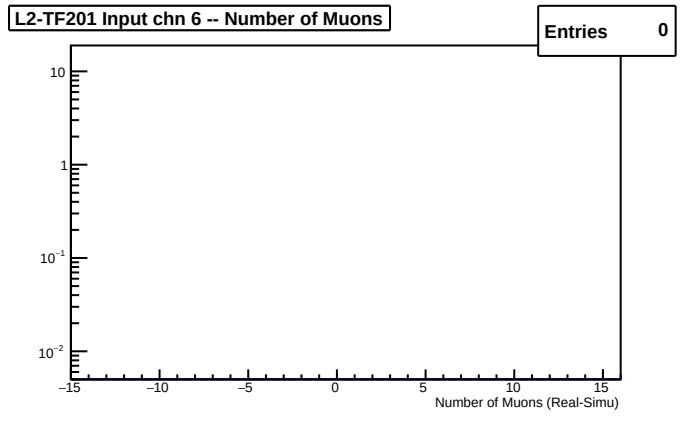

L2-TF201 Input chn 0 -- Number of Muons
Entries2576800
Number of Muons

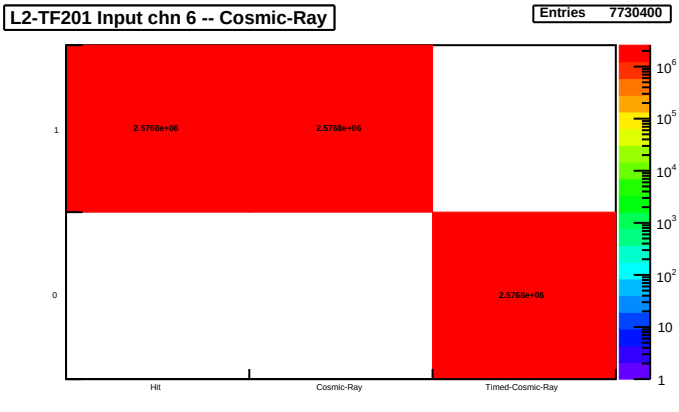

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

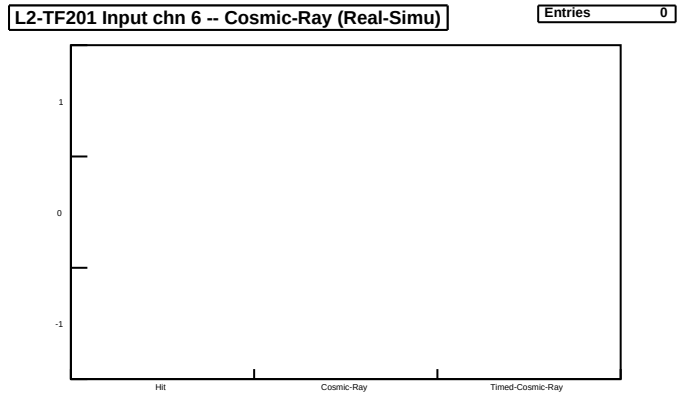

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7730400
2.5768e+06
2.5768e+06
2.5768e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

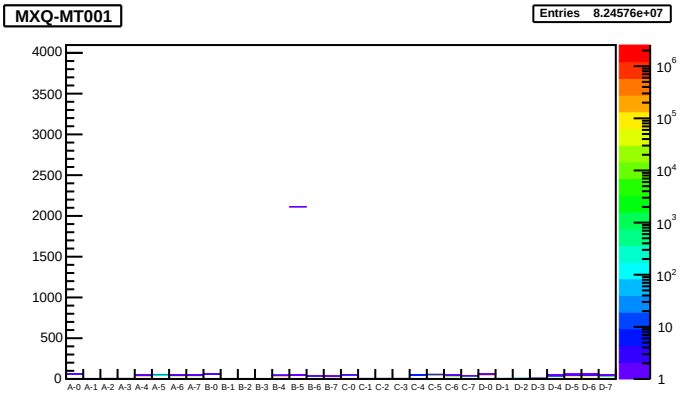

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

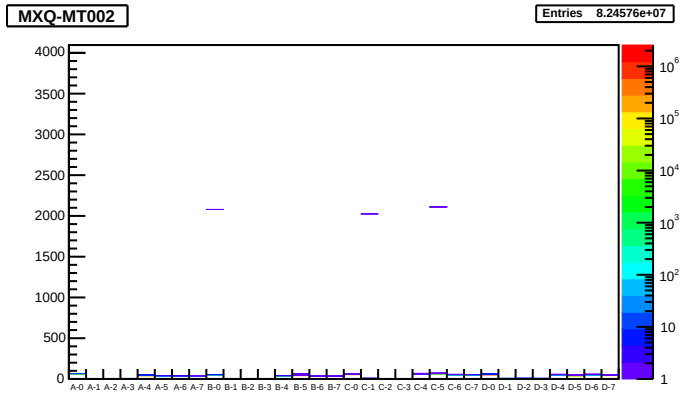

L2-TF201 Input chn 6 -- Number of Muons
Entries2576800
Number of Muons

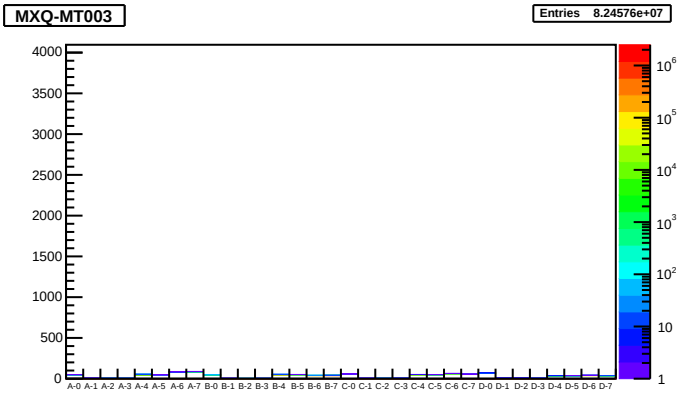

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

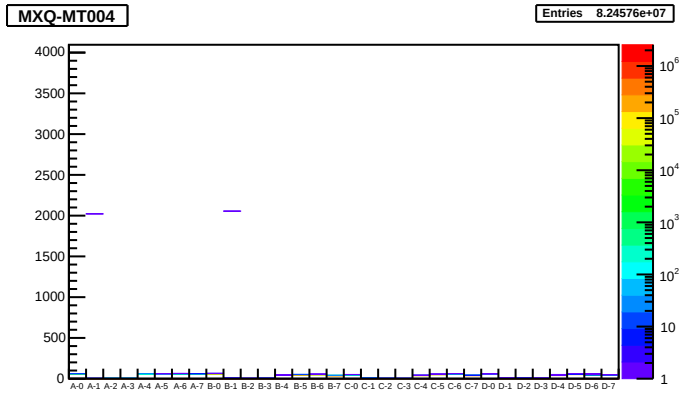

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 7730400
2.5768e+06
2.5768e+06
2.5768e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

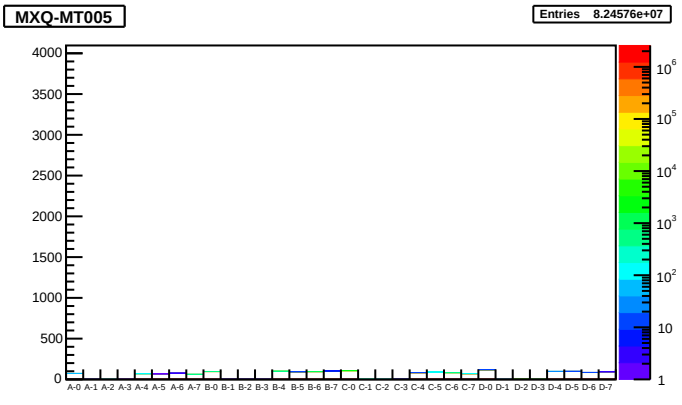

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

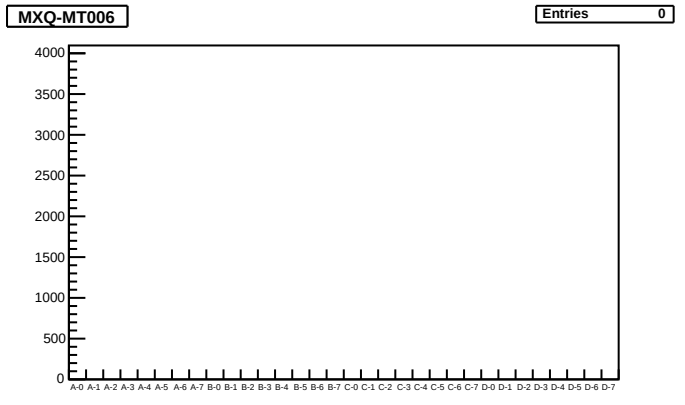

MXQ-MT001
Entries 8.24576e+07

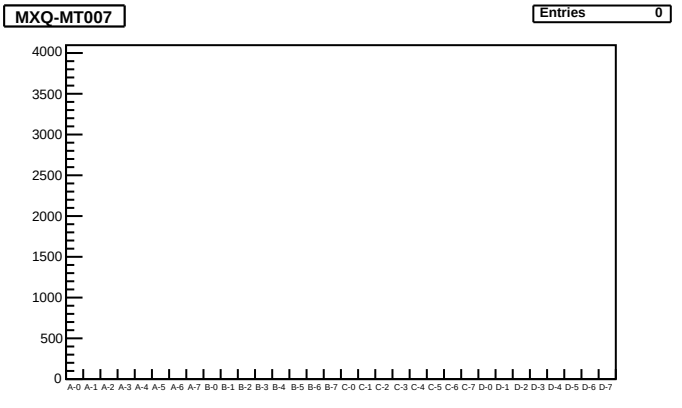

MXQ-MT002
Entries 8.24576e+07

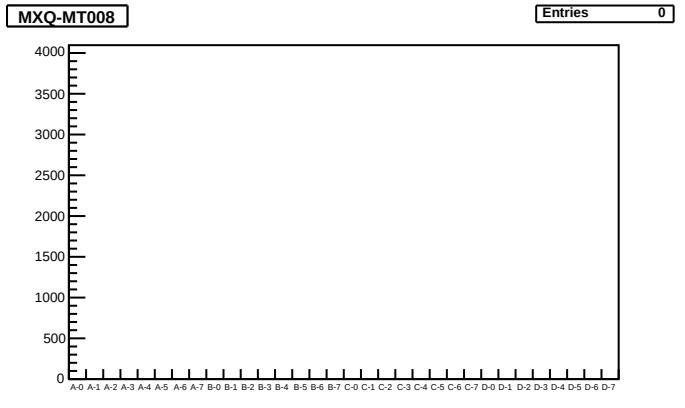

MXQ-MT003
Entries 8.24576e+07

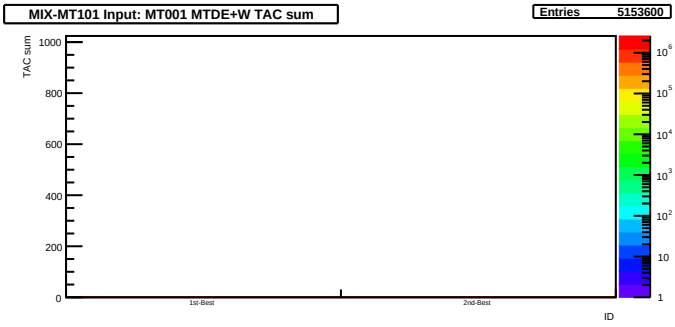

MXQ-MT004
Entries 8.24576e+07

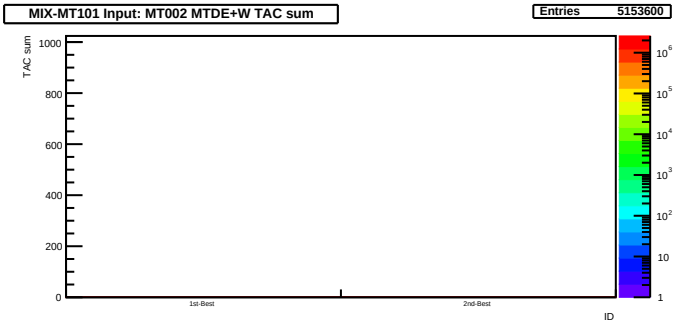

MXQ-MT005
Entries 8.24576e+07

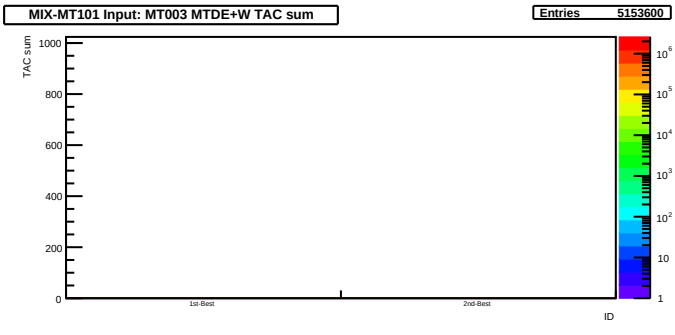

MXQ-MT006
Entries 0

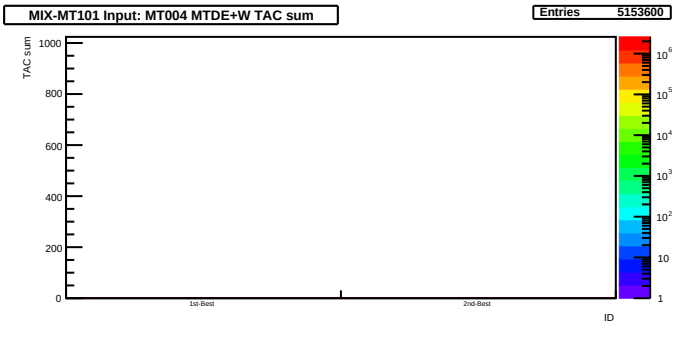

MXQ-MT007
Entries 0

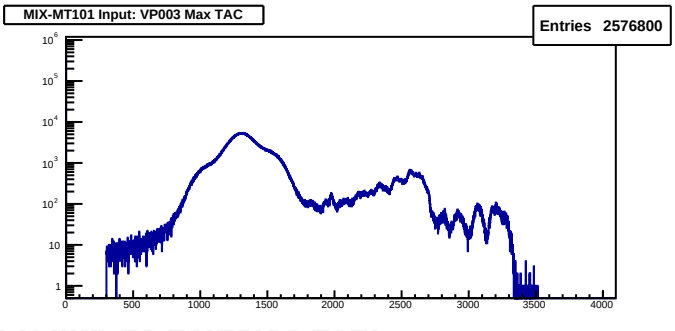

MXQ-MT008
Entries 0

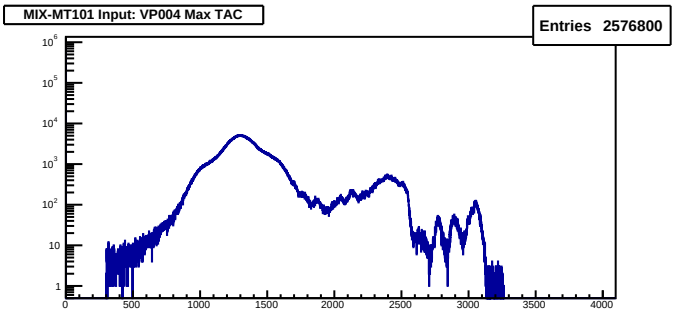

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5153600
TAC sum
1st-Best
2nd-Best
ID

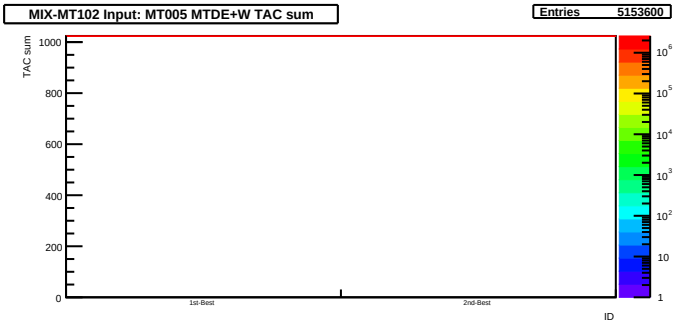

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5153600
TAC sum
1st-Best
2nd-Best
ID

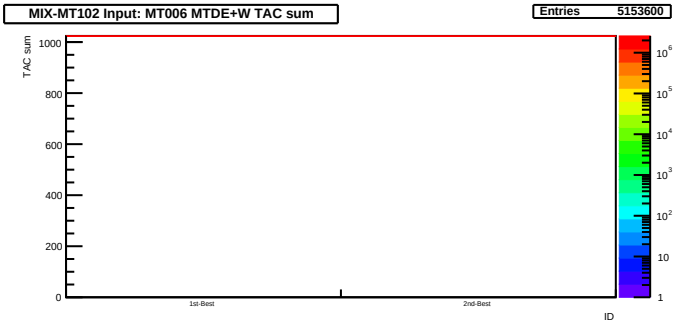

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5153600
TAC sum
1st-Best
2nd-Best
ID

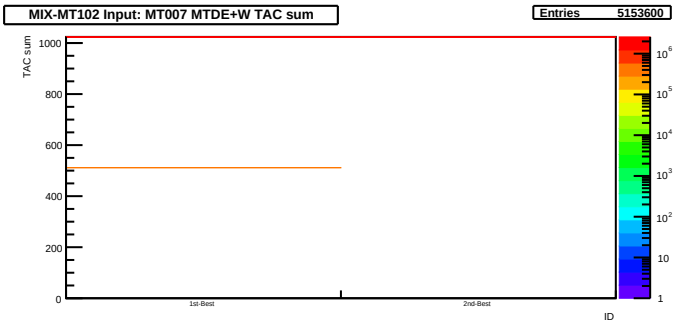

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5153600
TAC sum
1st-Best
2nd-Best
ID

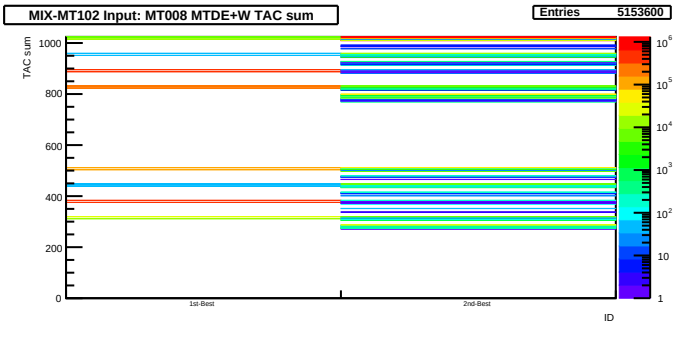

MIX-MT101 Input: VP003 Max TAC
Entries 2576800

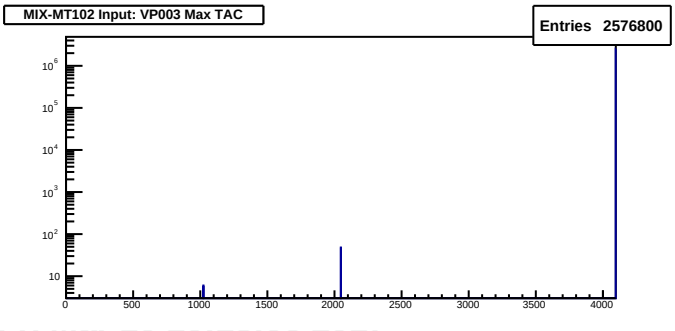

MIX-MT101 Input: VP004 Max TAC
Entries 2576800

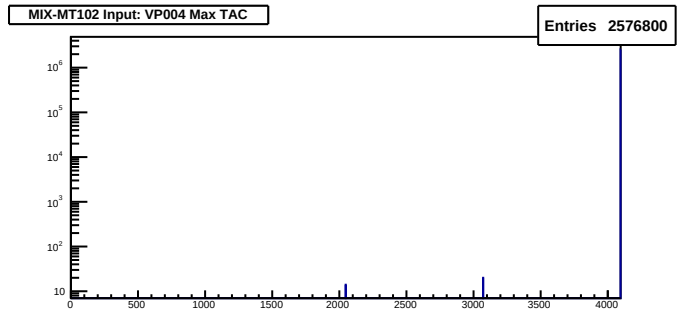

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 5153600
TAC sum
1st-Best
2nd-Best
ID

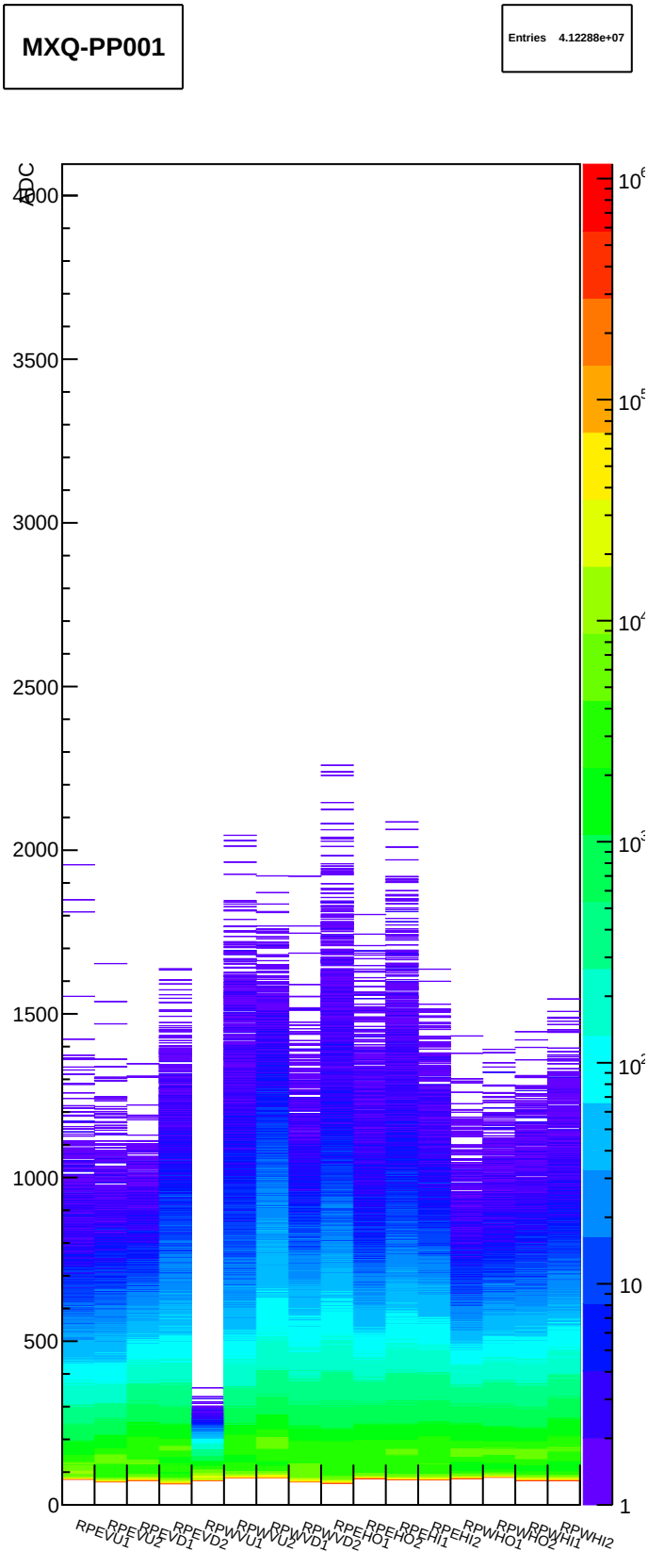

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 5153600
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 5153600
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 5153600
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 2576800


MIX-MT102 Input: VP004 Max TAC
Entries 2576800


MXQ-PP001
Entries 4.12288e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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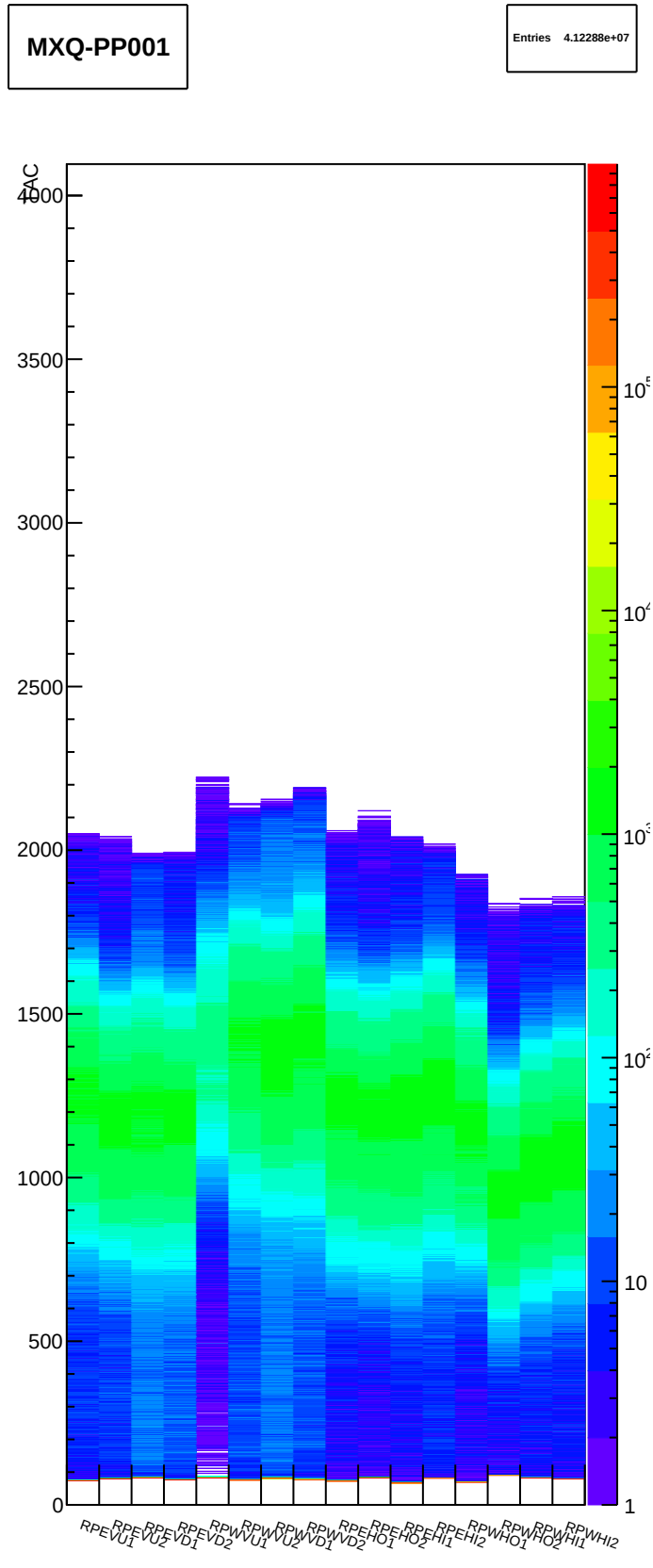
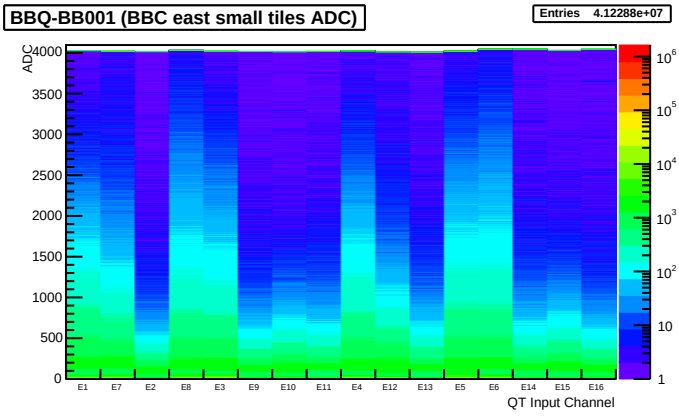
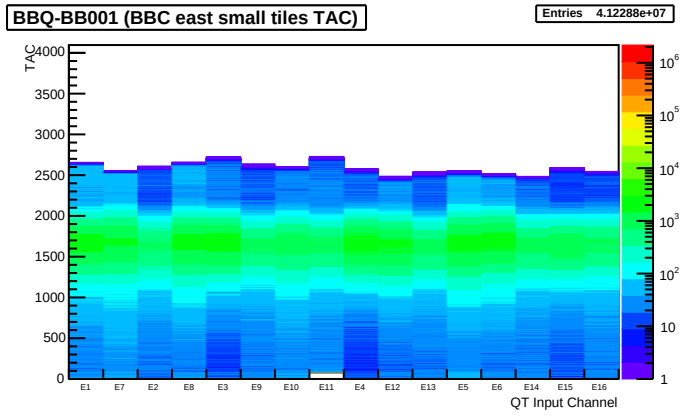
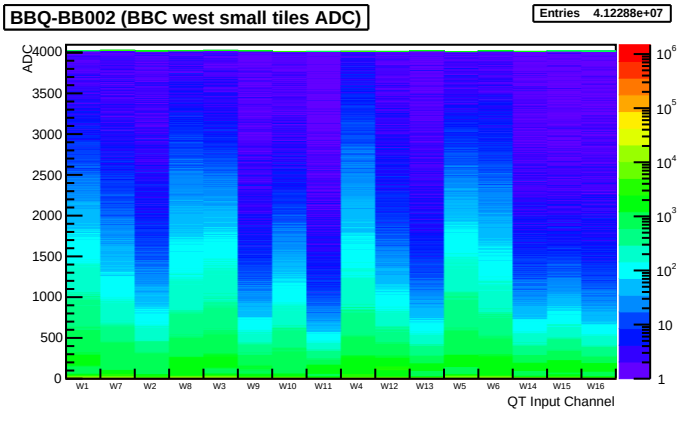
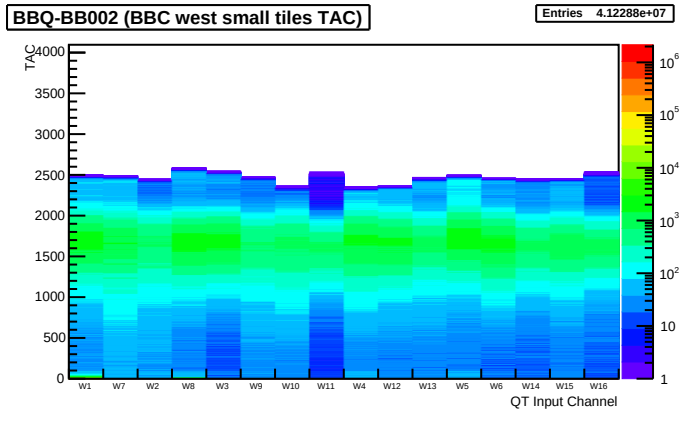
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

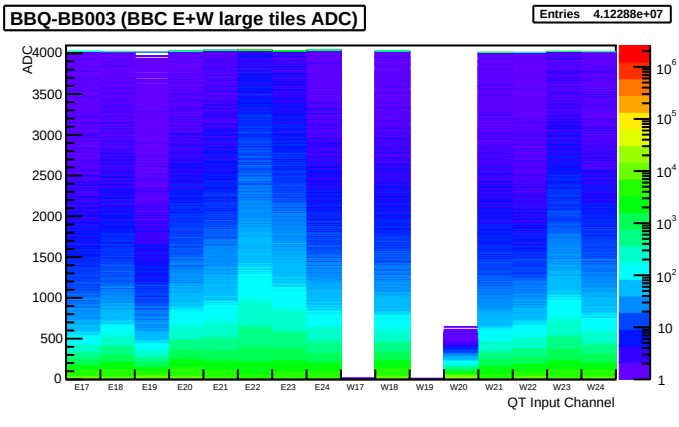

MXQ-PP001
Entries 4.12288e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

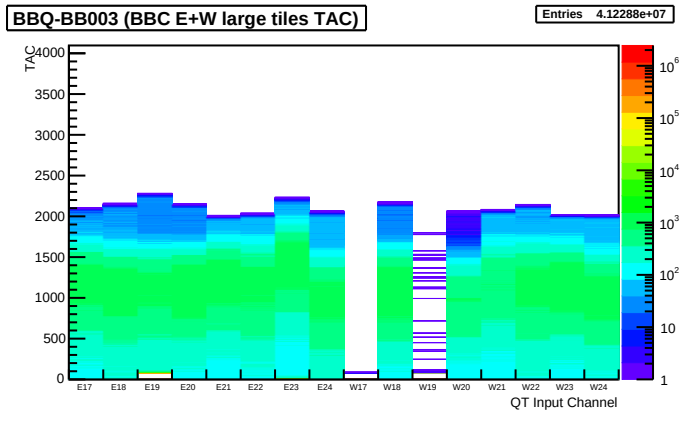

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.12288e+07
ADC
QT Input Channel

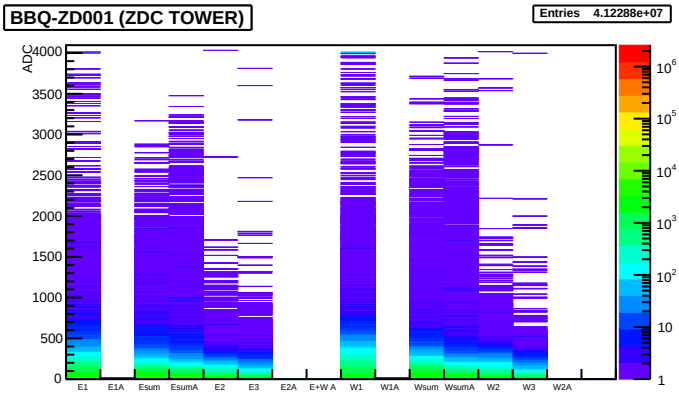

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.12288e+07
TAC
QT Input Channel

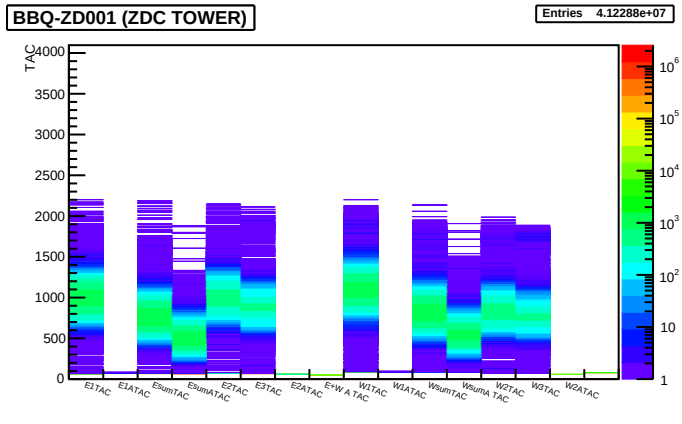

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.12288e+07
ADC
QT Input Channel

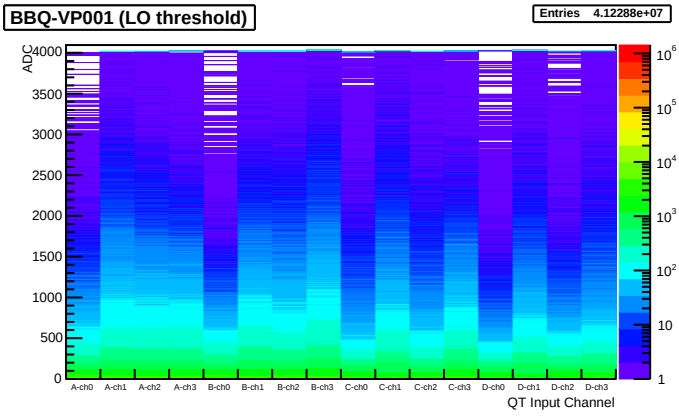

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.12288e+07
TAC
QT Input Channel

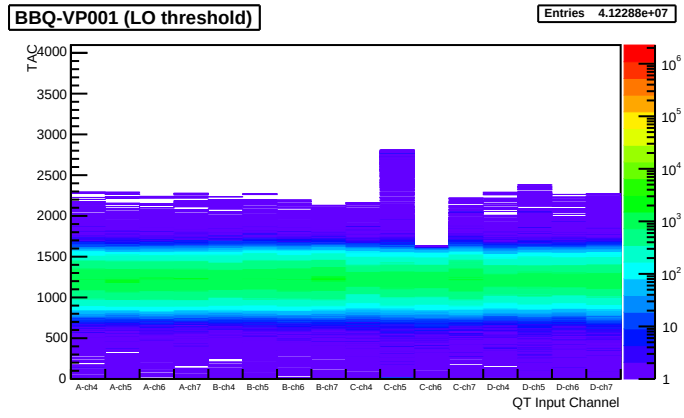

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.12288e+07
ADC
QT Input Channel

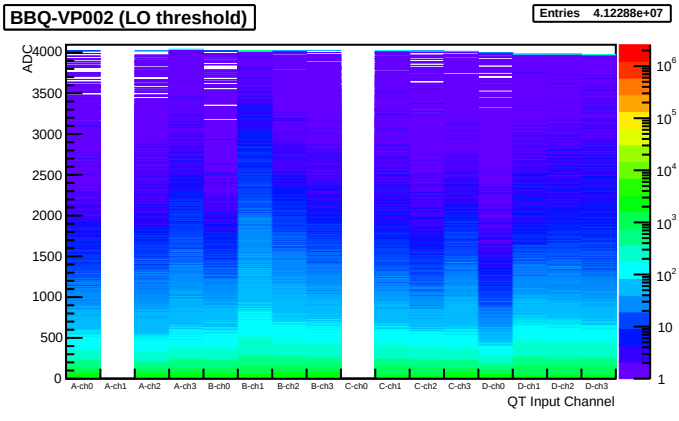

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.12288e+07
TAC
QT Input Channel

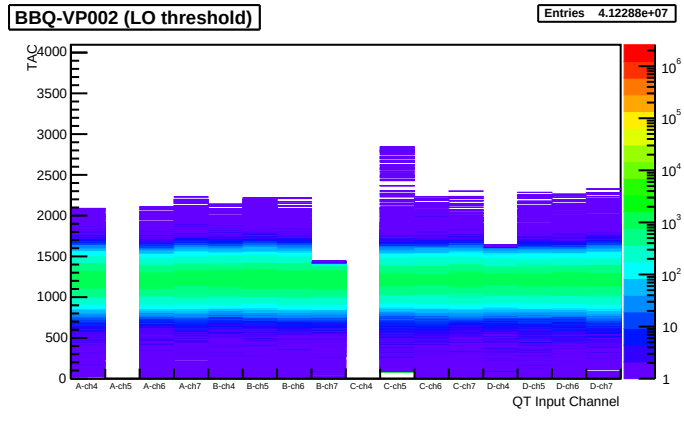

BBQ-ZD001 (ZDC TOWER)
Entries 4.12288e+07
ADC

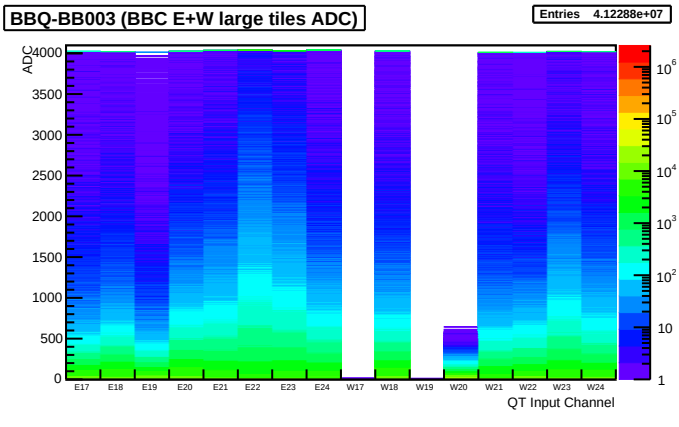

BBQ-ZD001 (ZDC TOWER)
Entries 4.12288e+07
TAC

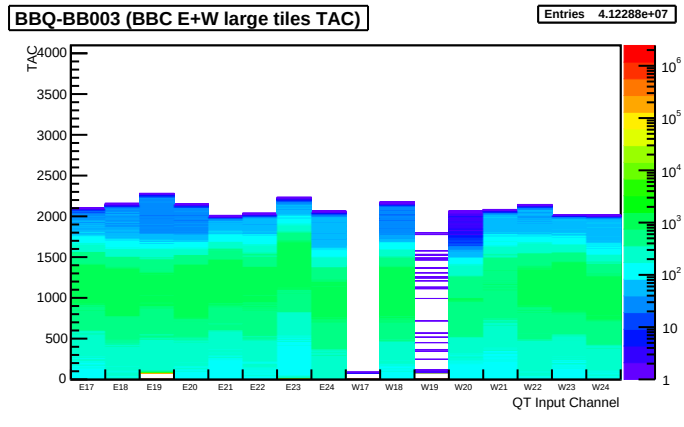

BBQ-VP001 (LO threshold)
Entries 4.12288e+07
ADC
QT Input Channel

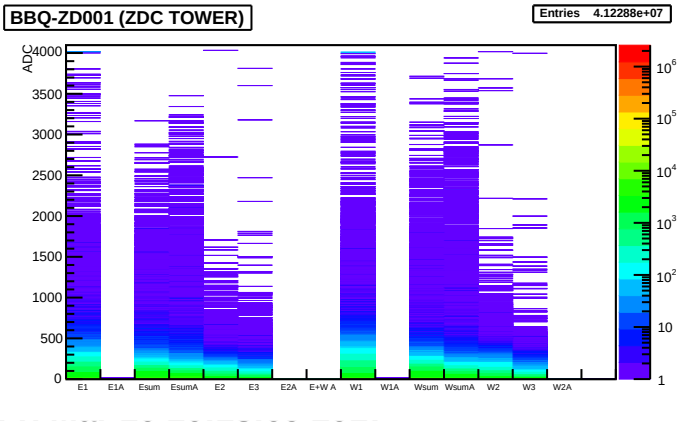

BBQ-VP001 (LO threshold)
Entries 4.12288e+07
TAC
QT Input Channel

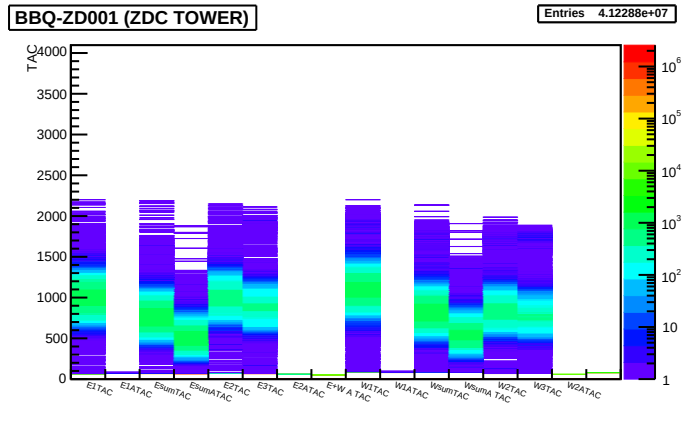

BBQ-VP002 (LO threshold)
Entries 4.12288e+07
ADC
QT Input Channel

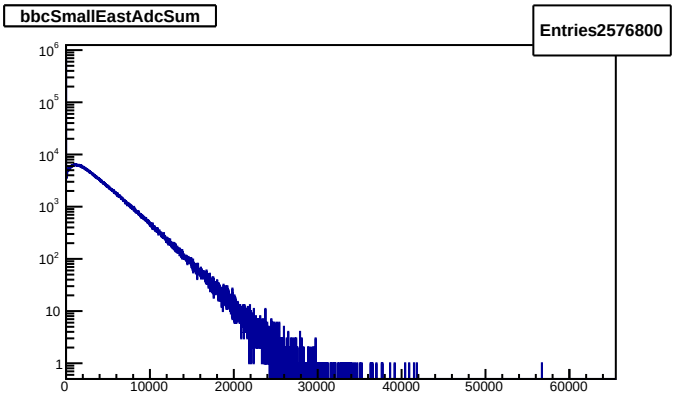

BBQ-VP002 (LO threshold)
Entries 4.12288e+07
TAC
QT Input Channel

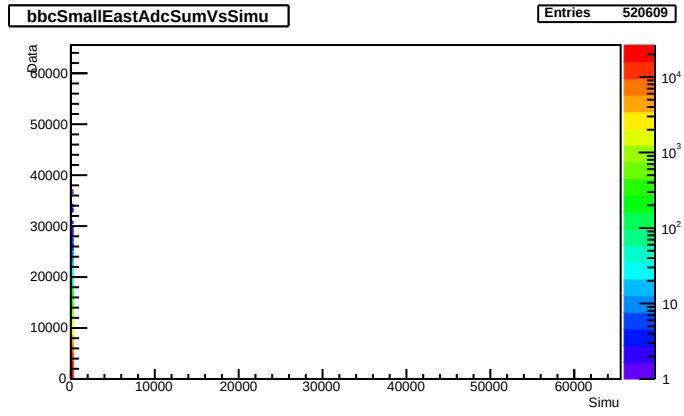

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.12288e+07
ADC
QT Input Channel

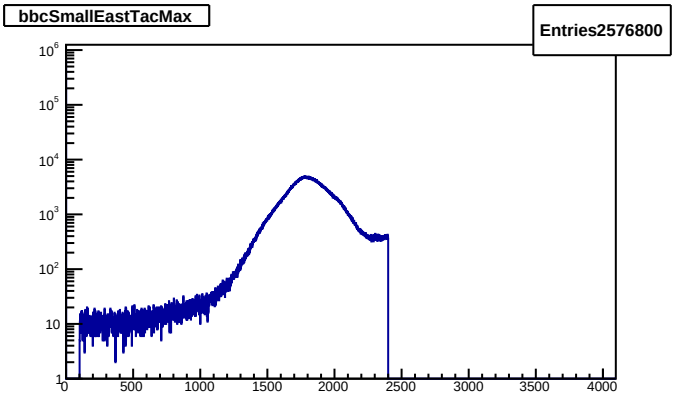

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.12288e+07
TAC
QT Input Channel

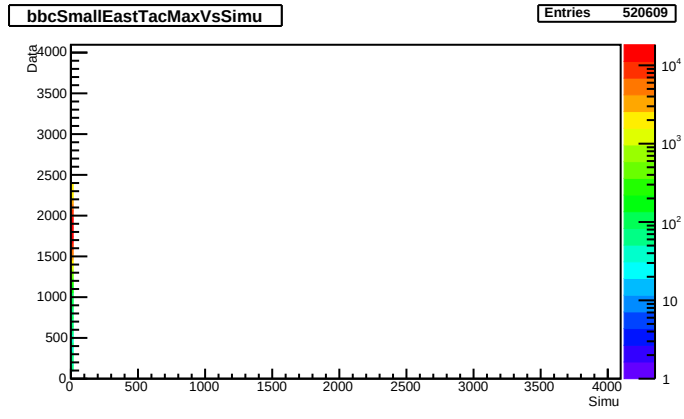

BBQ-ZD001 (ZDC TOWER)
Entries 4.12288e+07
ADC

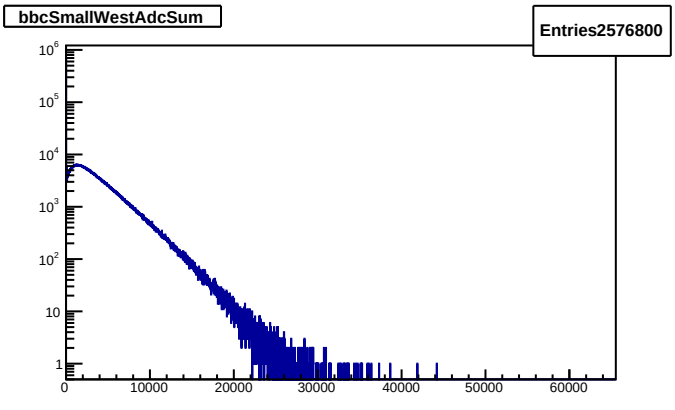

BBQ-ZD001 (ZDC TOWER)
Entries 4.12288e+07
TAC

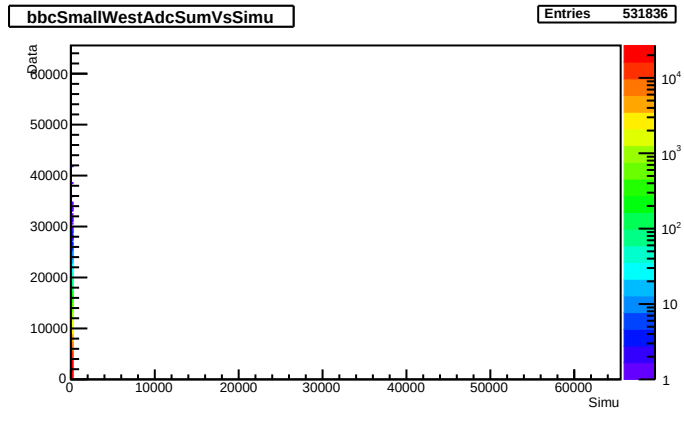

bbcSmallEastAdcSum
Entries2576800

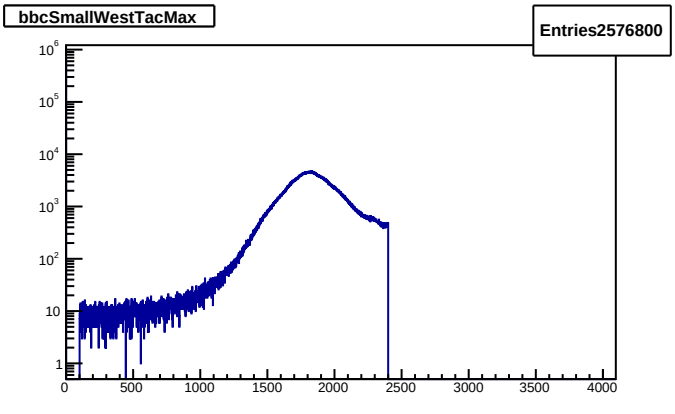

bbcSmallEastAdcSumVsSimu
Entries 520609
Data
Simu

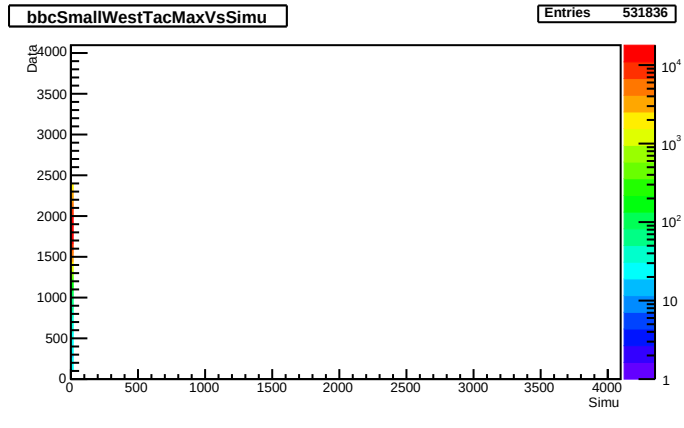

bbcSmallEastTacMax
Entries2576800

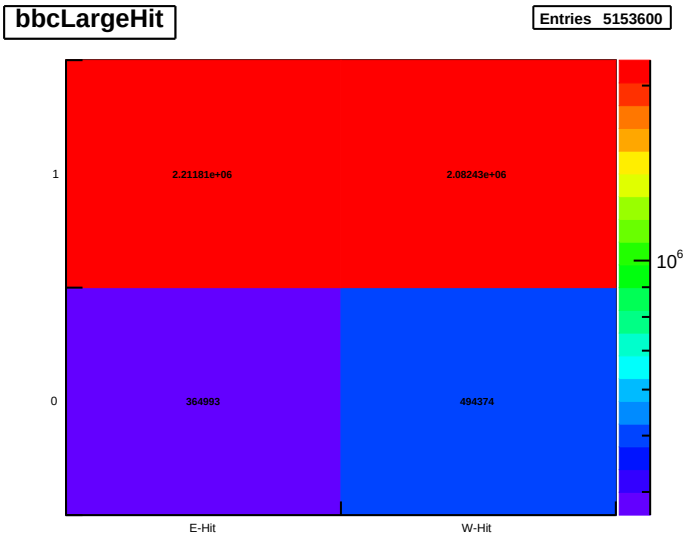

bbcSmallEastTacMaxVsSimu
Entries 520609
Data
Simu

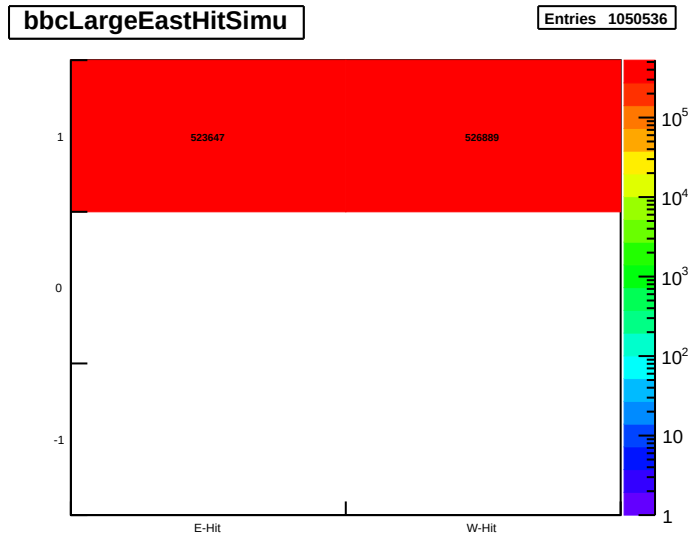

bbcSmallWestAdcSum
Entries2576800

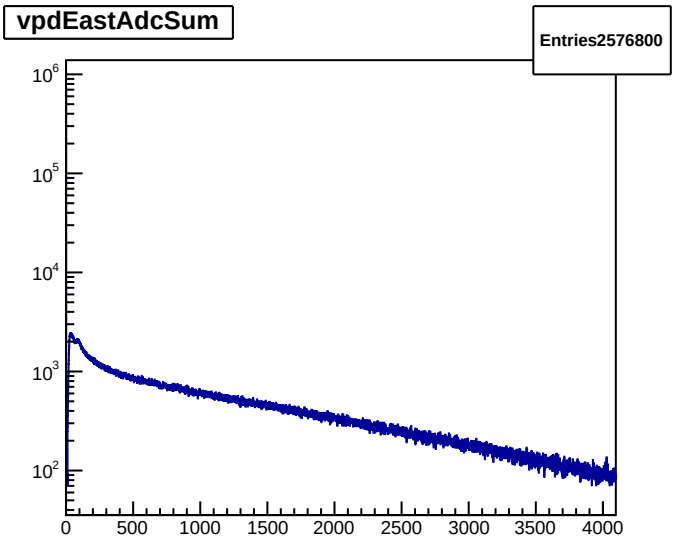

bbcSmallWestAdcSumVsSimu
Entries 531836
Data
Simu

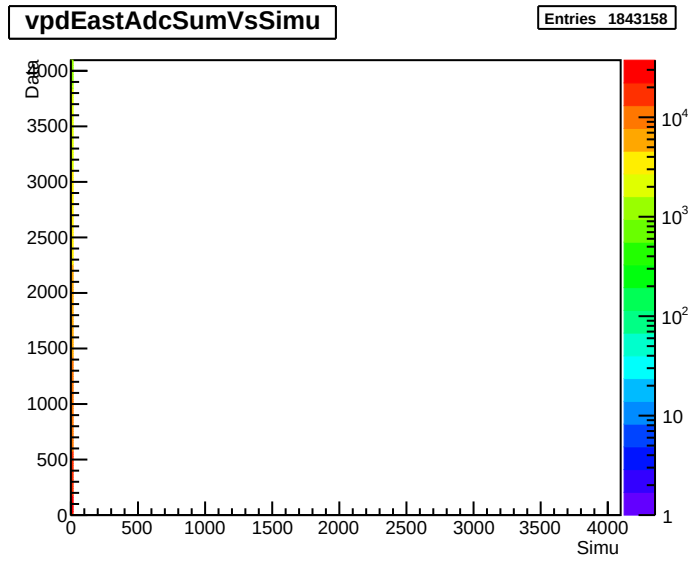

bbcSmallWestTacMax
Entries2576800

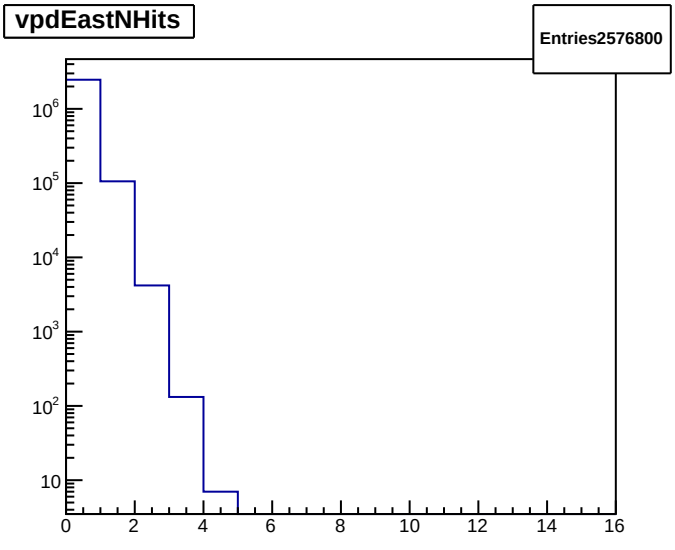

bbcSmallWestTacMaxVsSimu
Entries 531836
Data
Simu

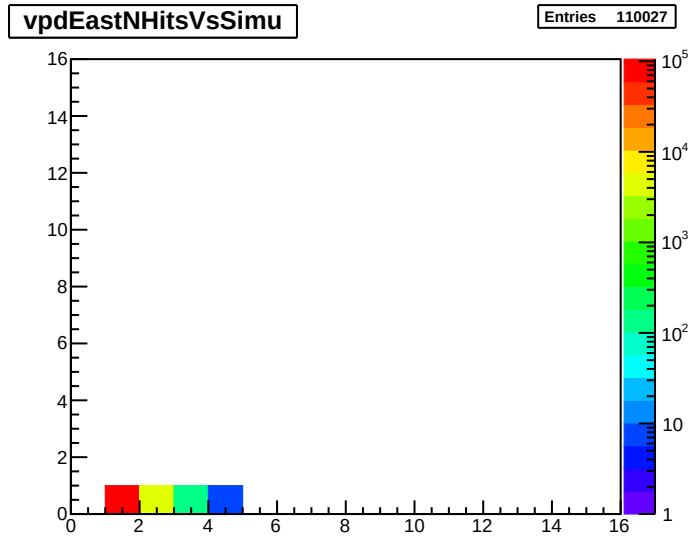

bbcLargeHit
Entries 5153600
1
0
2.21181e+06
2.08243e+06
364993
494374
E-Hit
W-Hit
10^6

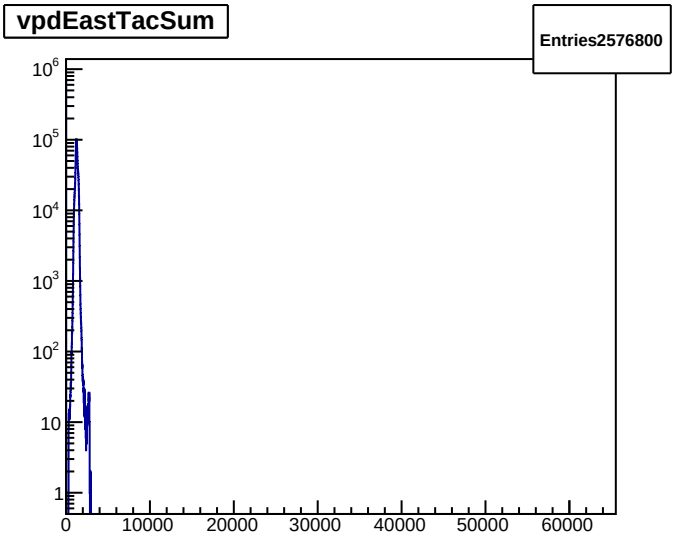

bbcLargeEastHitSimu
Entries 1050536
1
0
-1
523647
526889
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

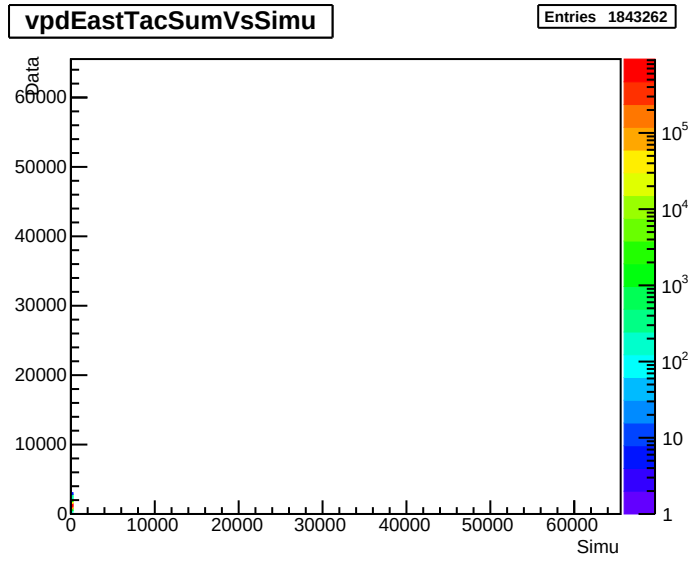

vpdEastAdcSum
Entries2576800

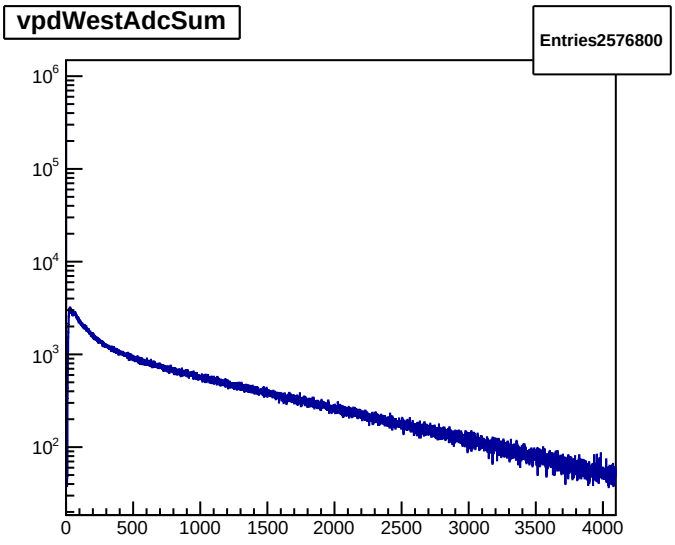

vpdEastAdcSumVsSimu
Entries 1843158
Data
Simu

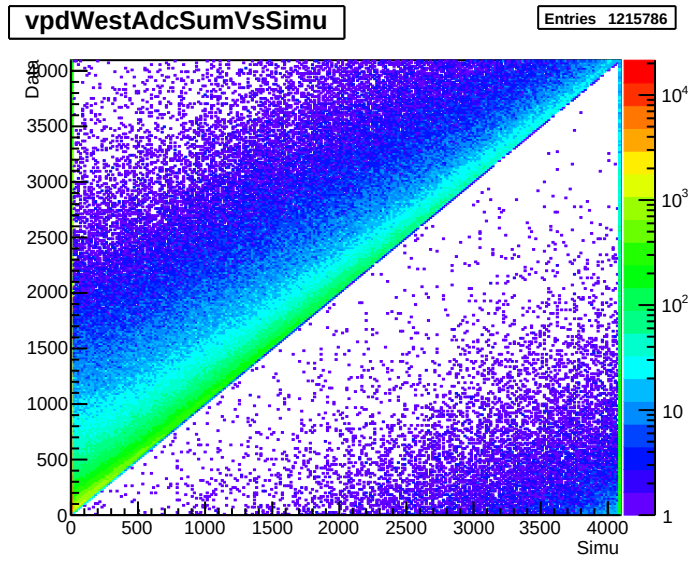

vpdEastNHits
Entries2576800

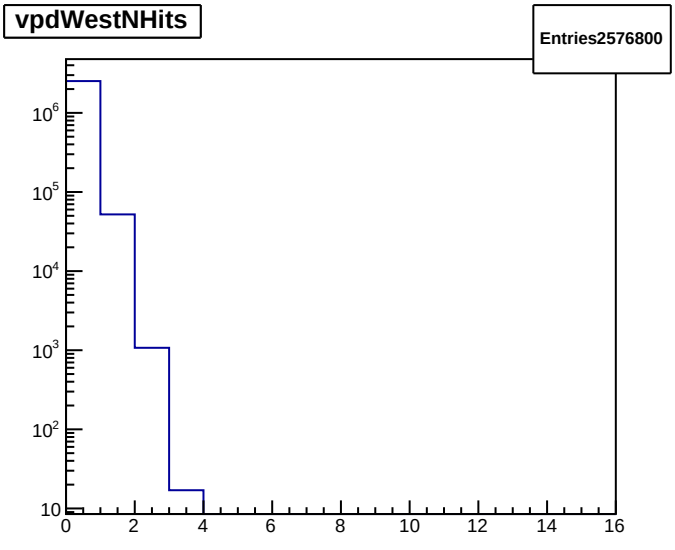

vpdEastNHitsVsSimu
Entries 110027

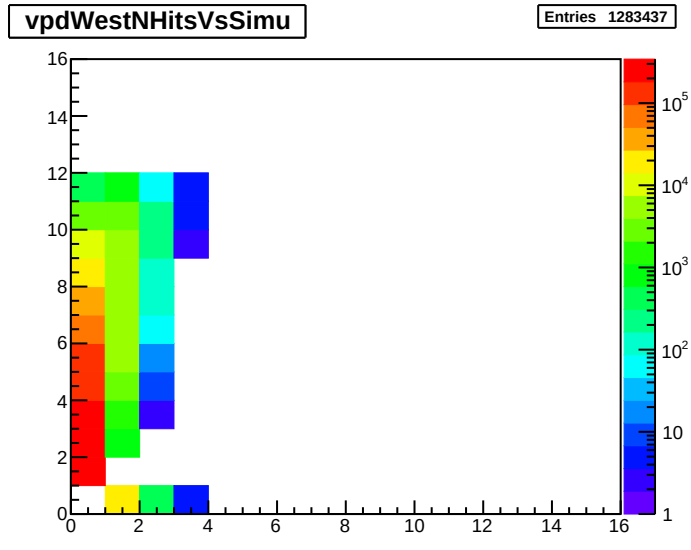

vpdEastTacSum
Entries2576800

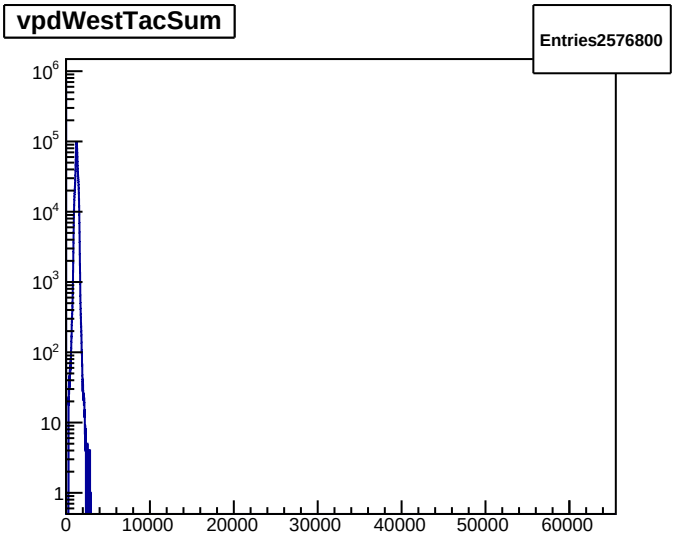

vpdEastTacSumVsSimu
Entries 1843262
Data
Simu

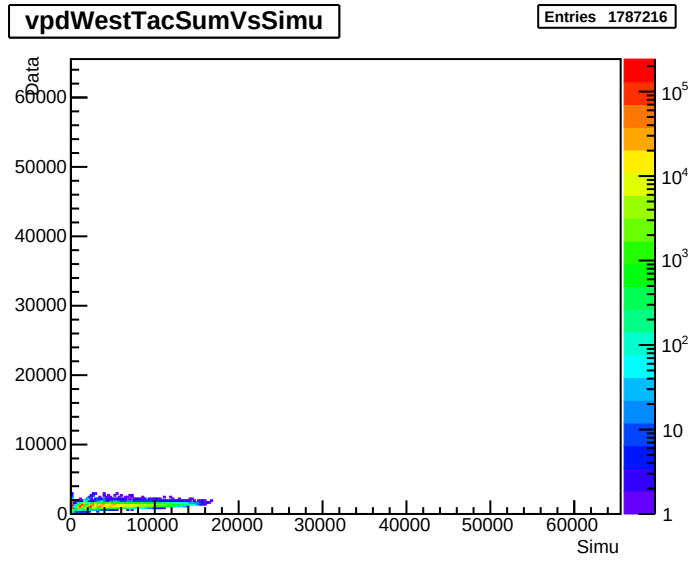

vpdWestAdcSum
Entries2576800

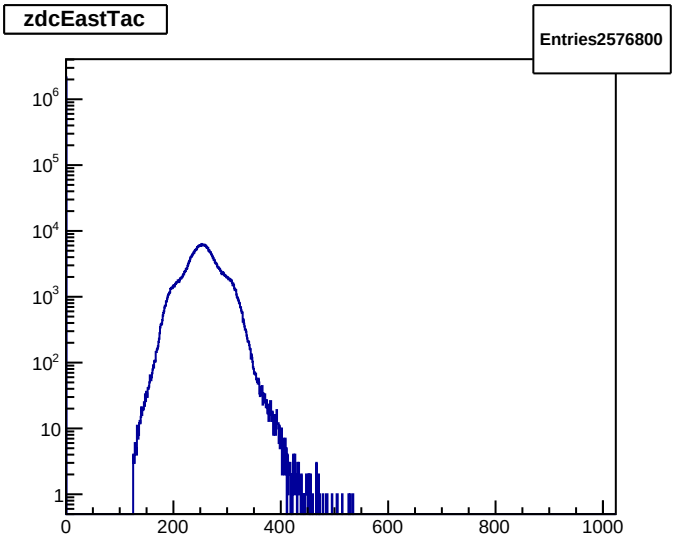

vpdWestAdcSumVsSimu
Entries 1215786
Data
Simu

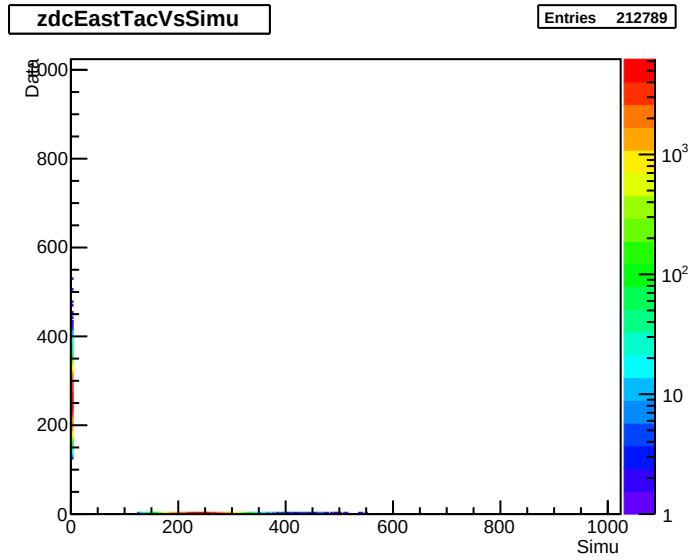

vpdWestNHits
Entries2576800

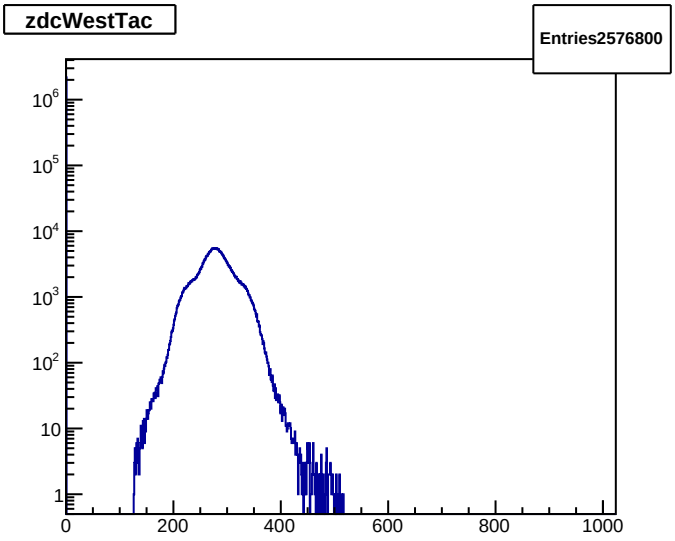

vpdWestNHitsVsSimu
Entries 1283437

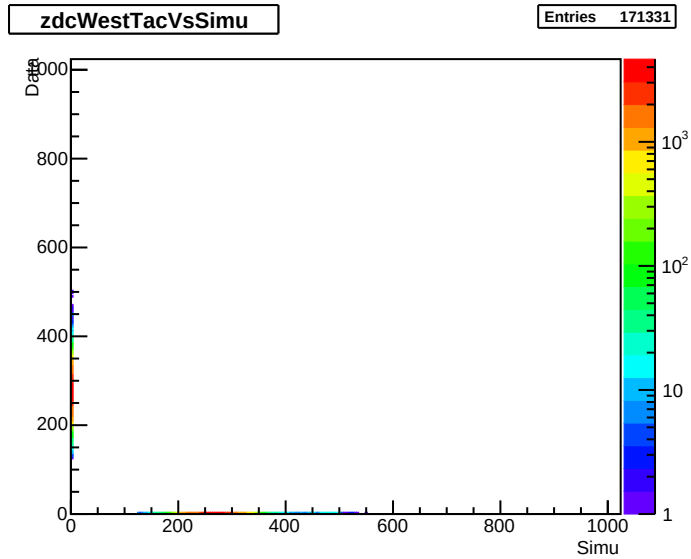

vpdWestTacSum
Entries2576800

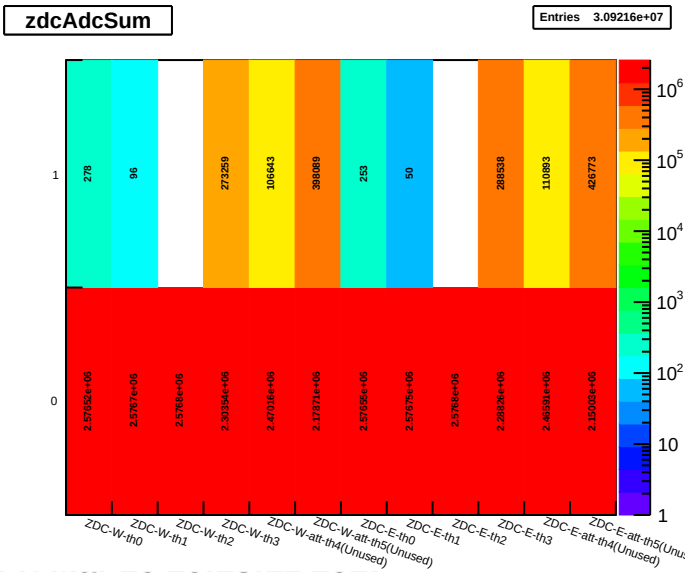

vpdWestTacSumVsSimu
Entries 1787216
Data
Simu

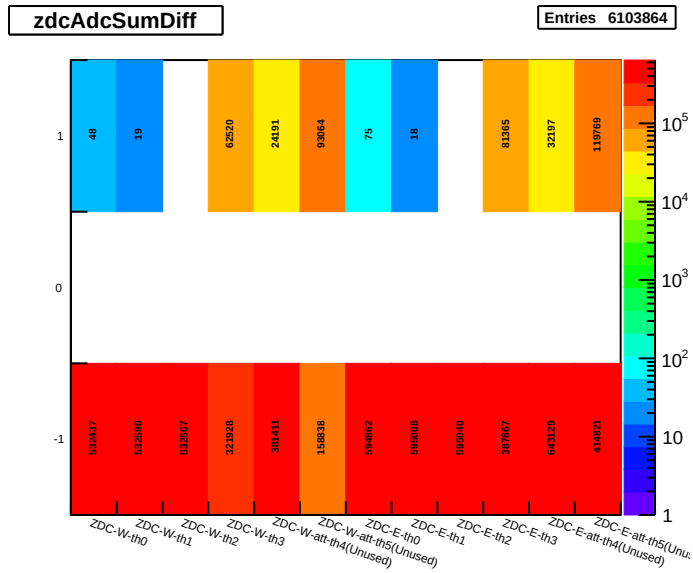

zdcEastTac
Entries2576800

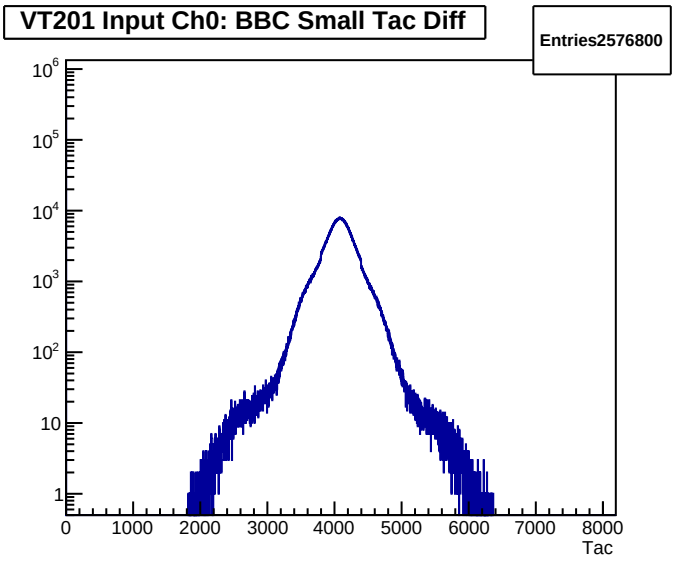

zdcEastTacVsSimu
Entries 212789
Data
Simu

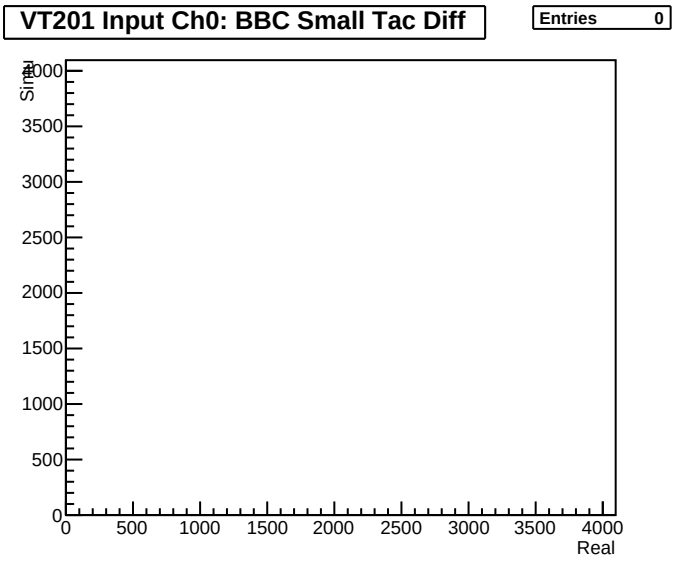

zdcWestTac
Entries2576800

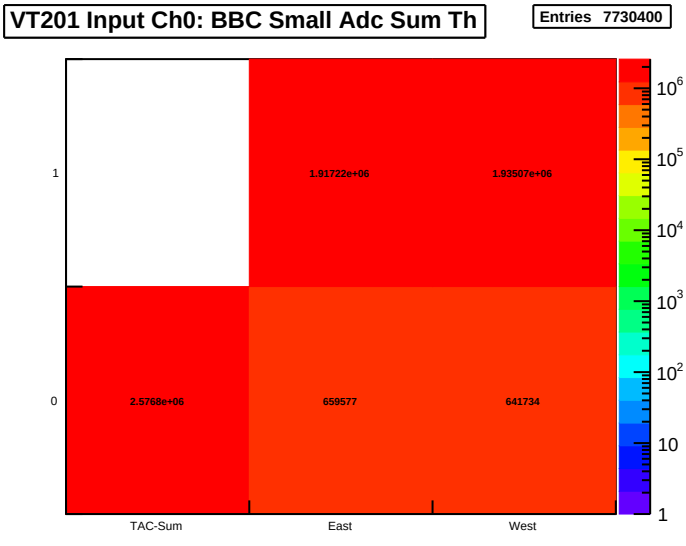

zdcWestTacVsSimu
Entries 171331
Data
Simu

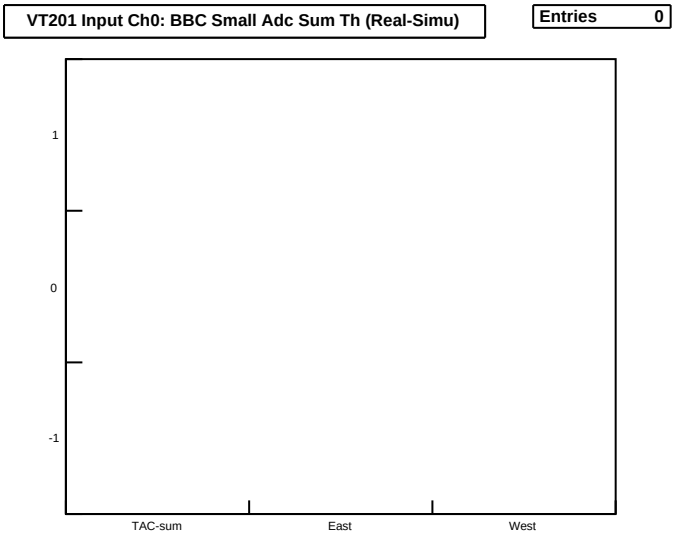

zdcAdcSum
Entries 3.09216e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

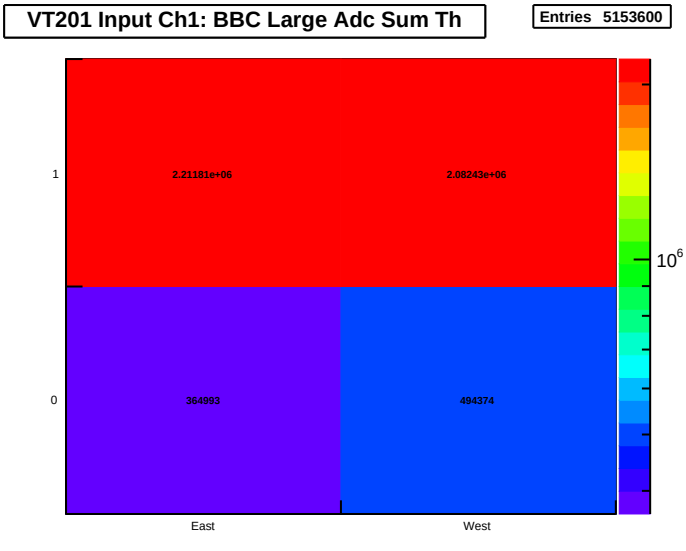

zdcAdcSumDiff
Entries 6103864
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

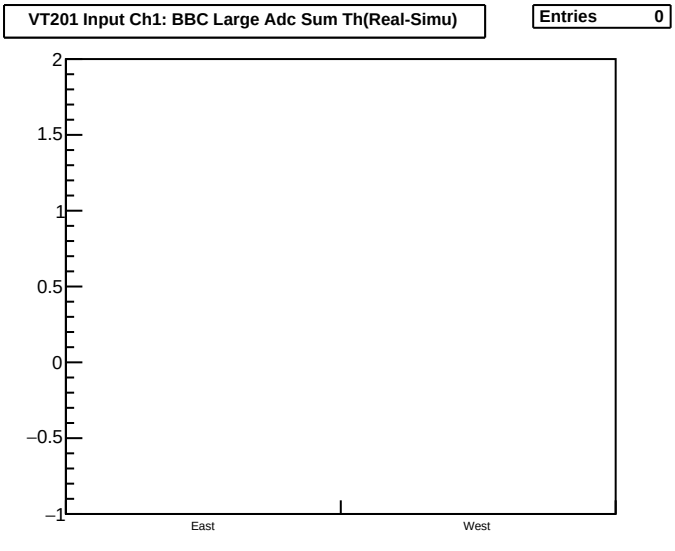

VT201 Input Ch0: BBC Small Tac Diff
Entries2576800
Tac


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

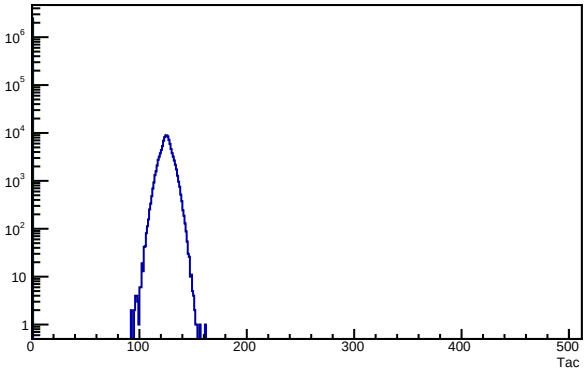

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7730400
1.91722e+06
1.93507e+06
2.5768e+06
659577
641734
TAC-Sum
East
West


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

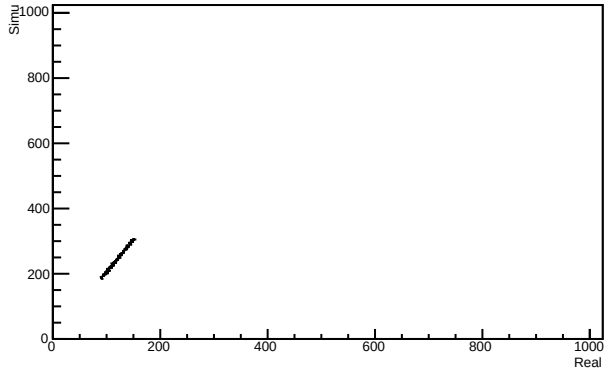

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5153600
2.21181e+06
2.08243e+06
364993
494374
East
West


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

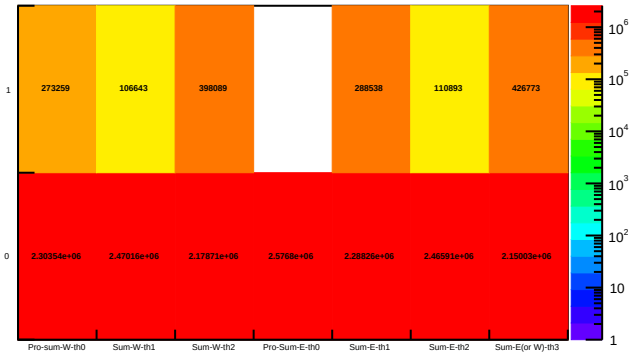
VT201 Input Ch2: ZDC Tac Diff



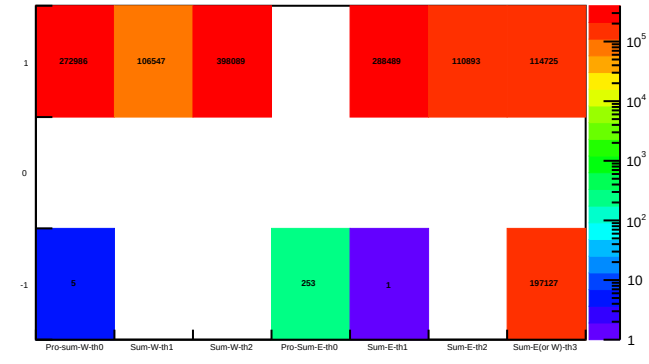
VT201 Input Ch2: ZDC Tac Diff



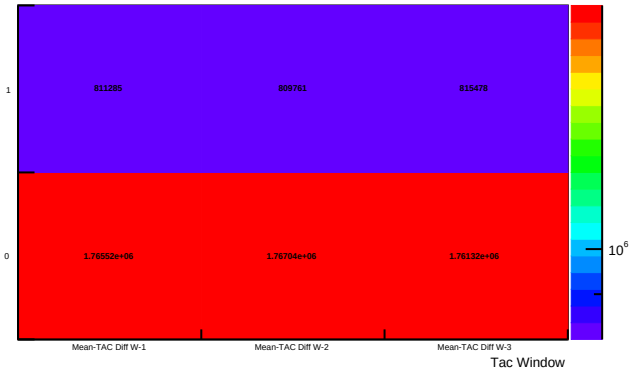
VT201 Input Ch2: ZDC Adc Sum Th



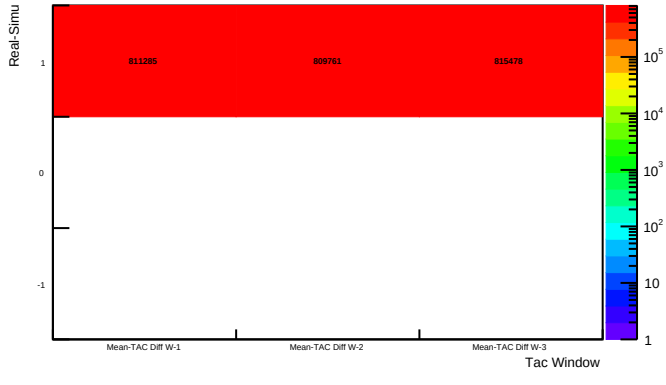
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



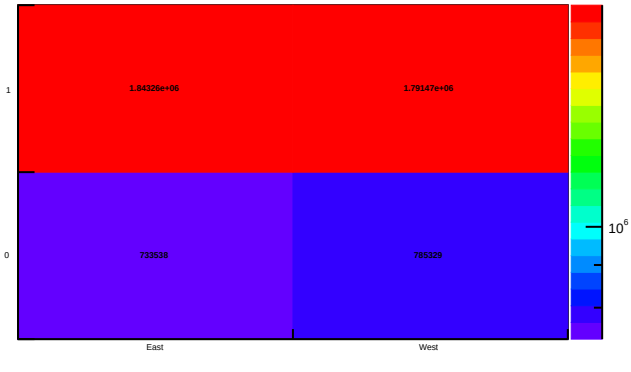
VT201 Input Ch4: VPD Tac Diff



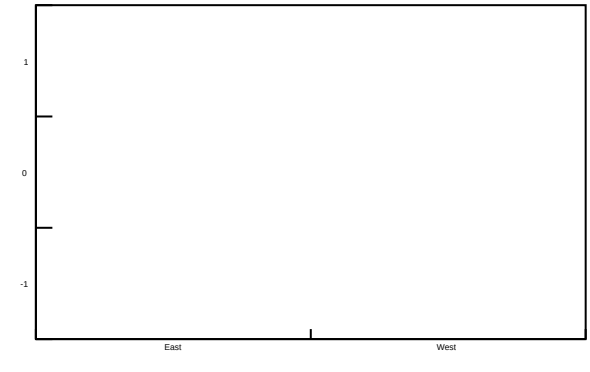
VT201 Input Ch4: VPD Tac Diff

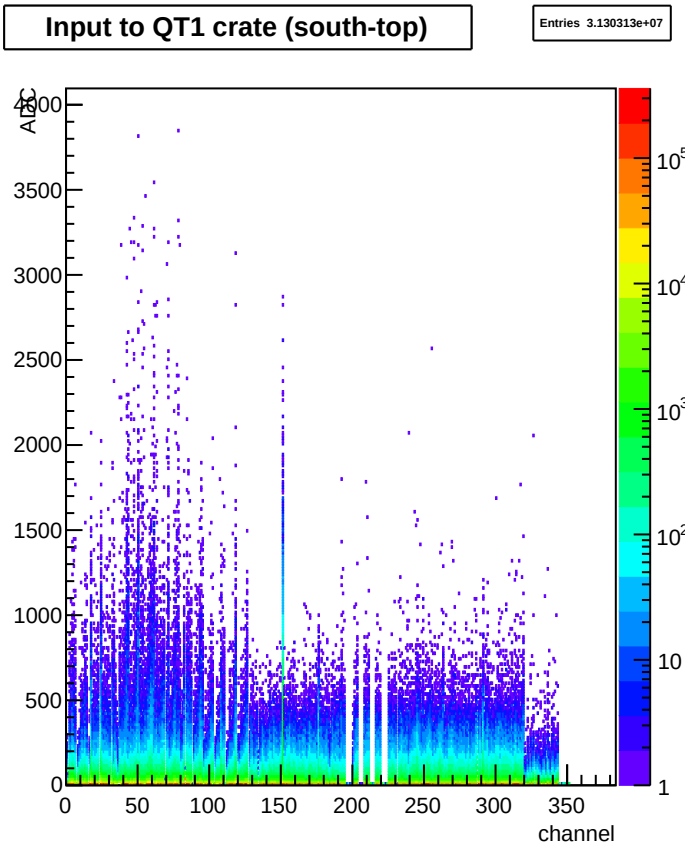


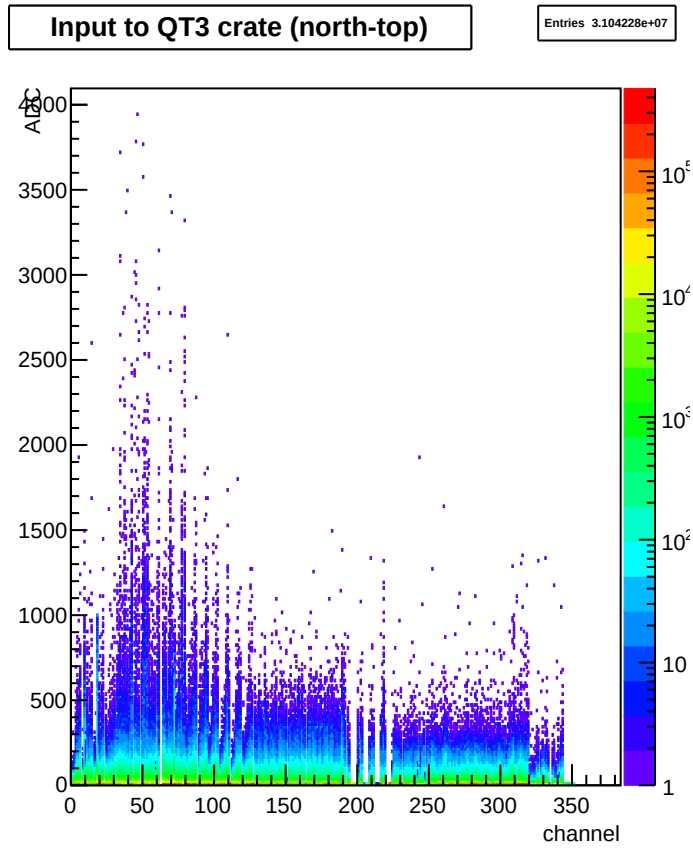
VT201 Input Ch4: VPD Adc Sum Th

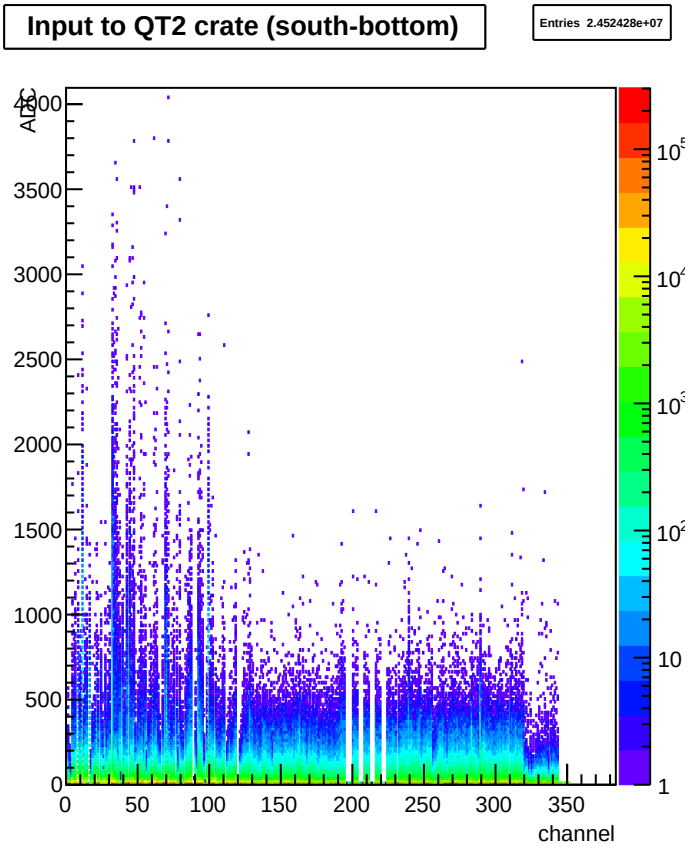


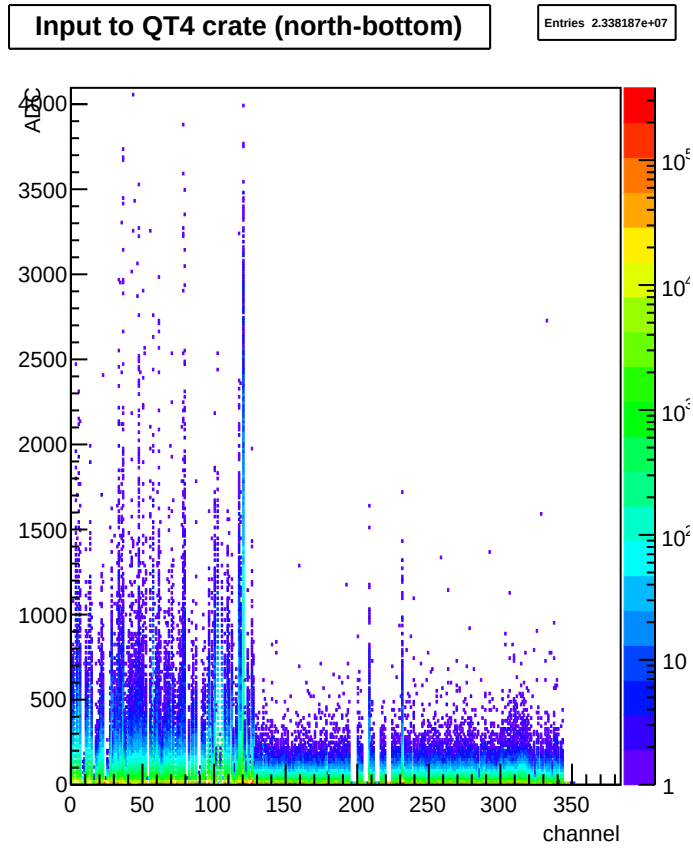
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

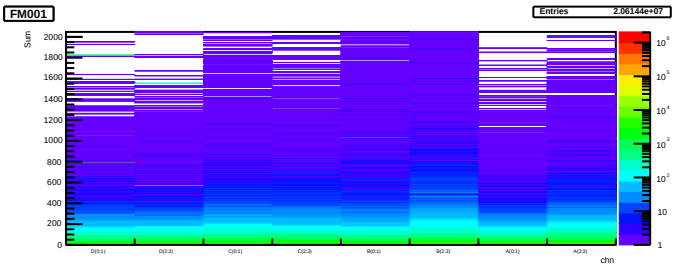


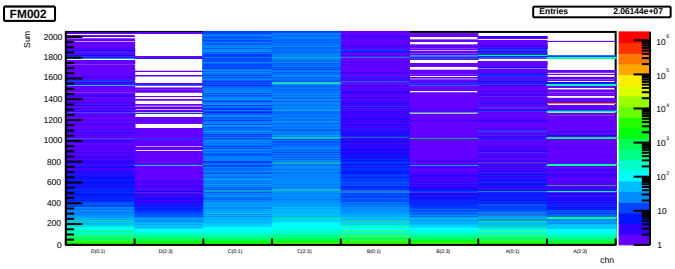

Input to QT1 crate (south-top)
Entries 3.130313e+07
ADC
channel

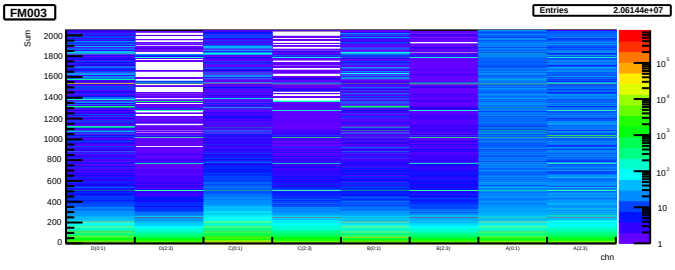

Input to QT3 crate (north-top)
Entries 3.104228e+07
ADC
channel

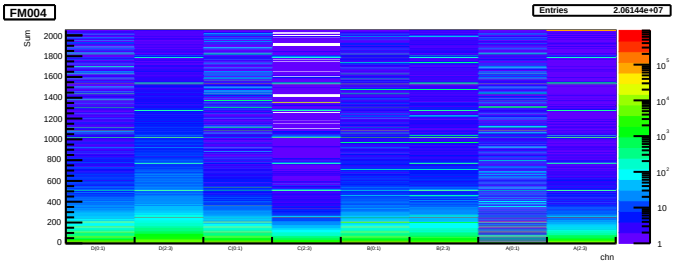

Input to QT2 crate (south-bottom)
Entries 2.452428e+07
ADC
channel

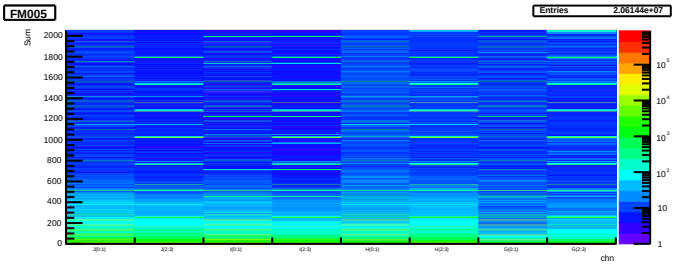

Input to QT4 crate (north-bottom)
Entries 2.338187e+07
ADC
channel

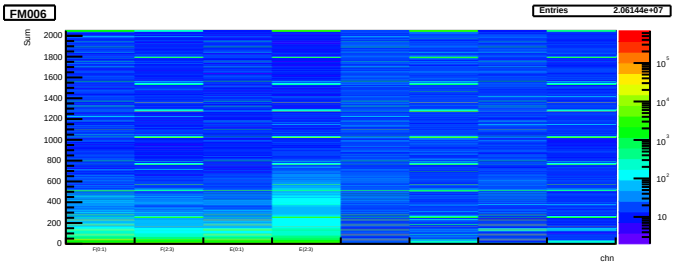

FM001
Entries 2.06144e+07
Sum
chn

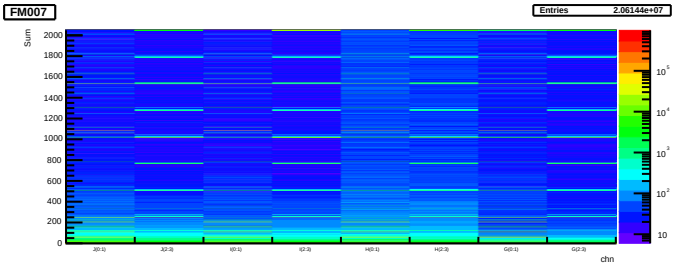

FM002
Entries 2.06144e+07
Sum
chn

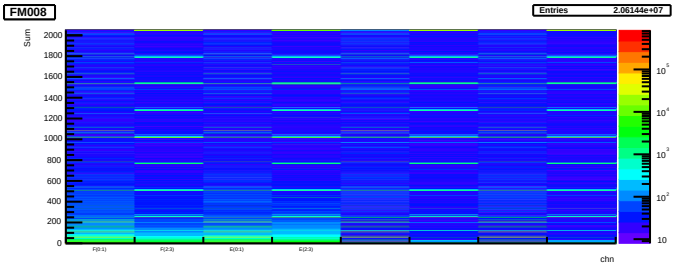

FM003
Entries 2.06144e+07
Sum
chn

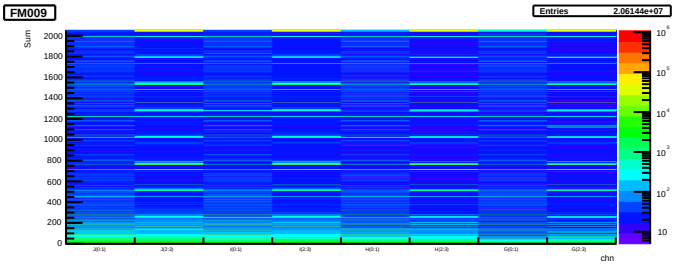

FM004
Entries 2.06144e+07
Sum
chn

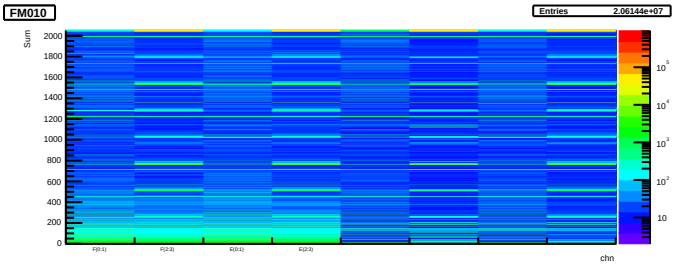

FM005
Entries 2.06144e+07
Sum
chn

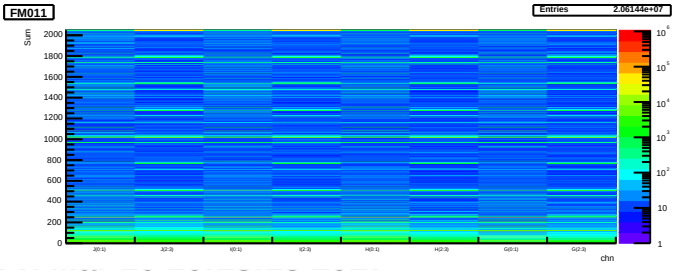

FM006
Entries 2.06144e+07
Sum
chn

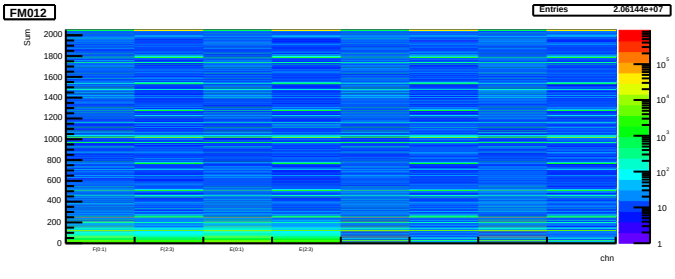

FM007
Entries 2.06144e+07
Sum
chn


FM008
Entries 2.06144e+07
Sum
chn


FM009
Entries 2.06144e+07
Sum
chn


FM010
Entries 2.06144e+07
Sum
chn


FM011
Entries 2.06144e+07
Sum
chn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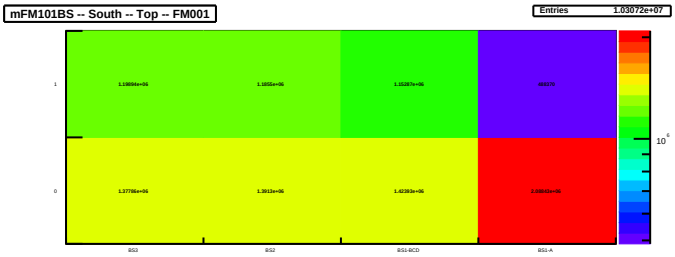
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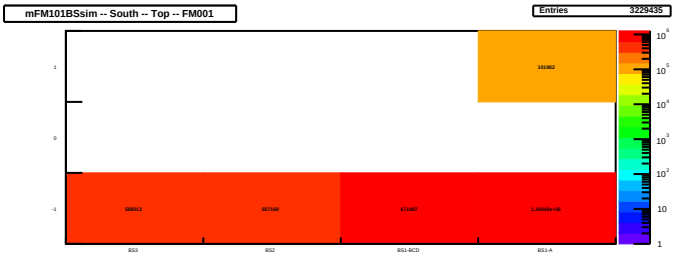
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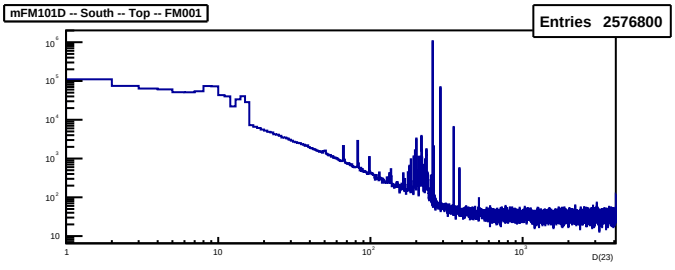
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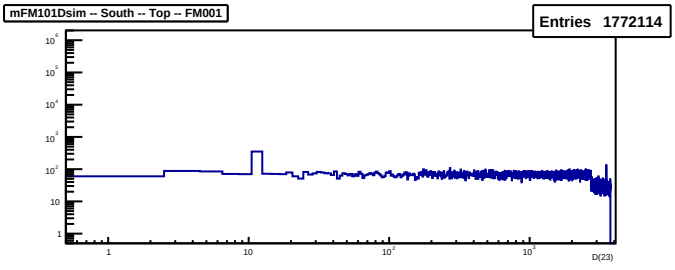
Entries 2576800
D(23)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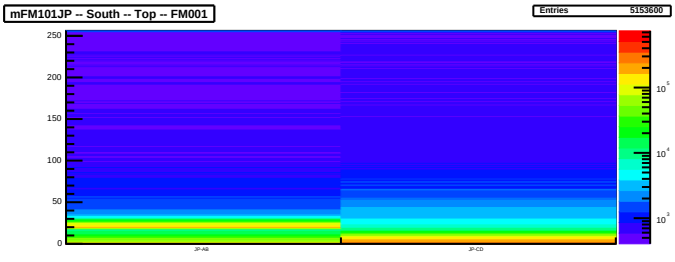
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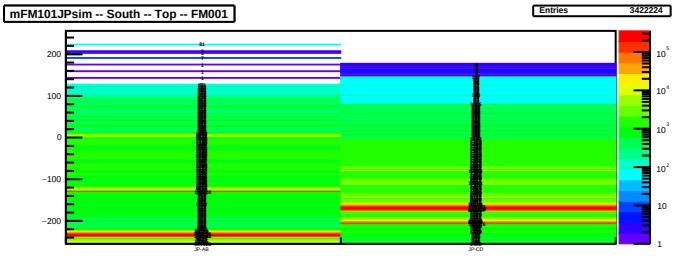
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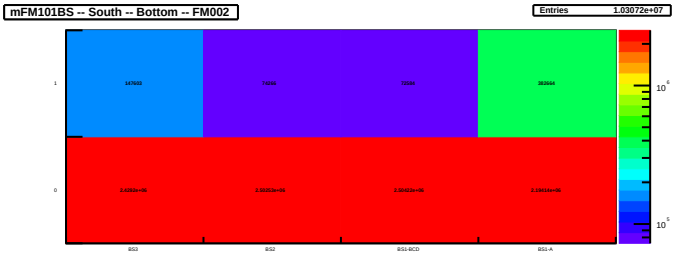
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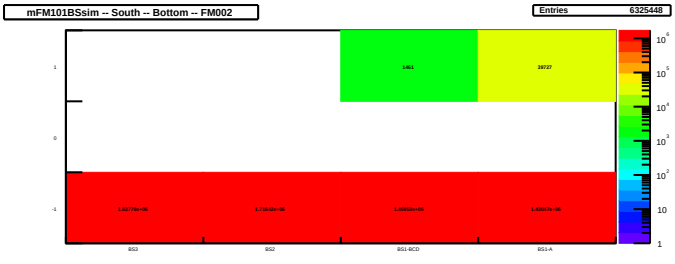
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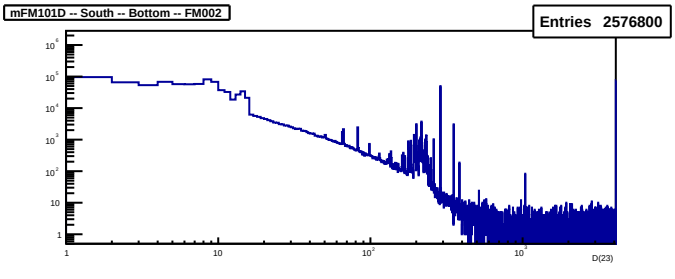
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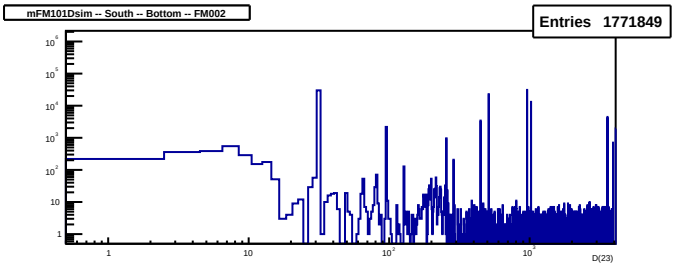
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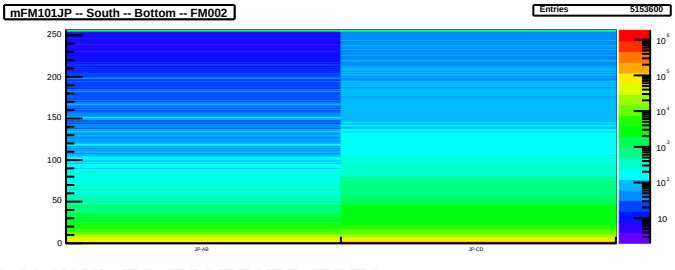
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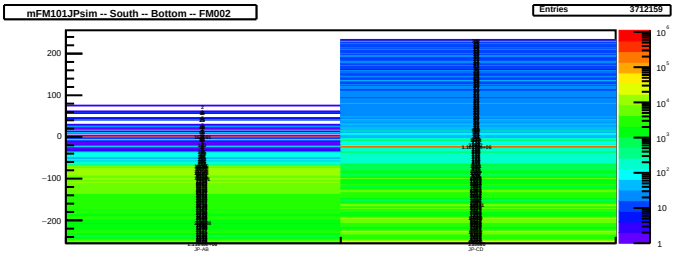
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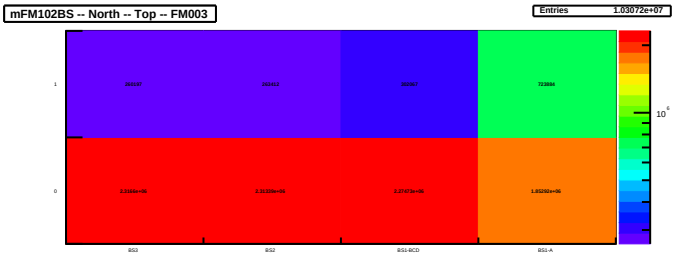
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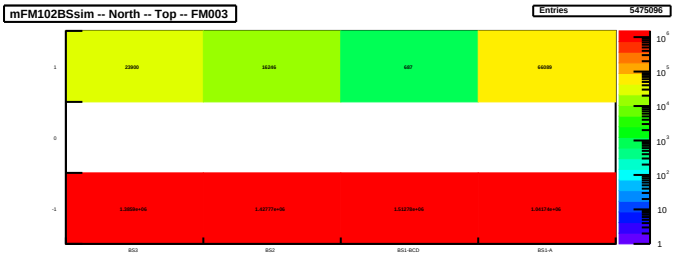
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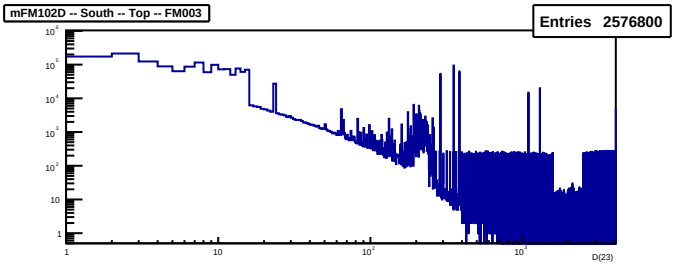
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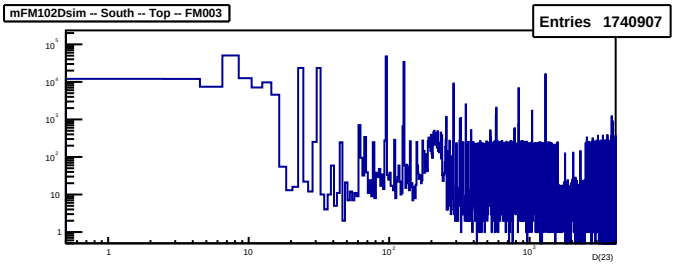
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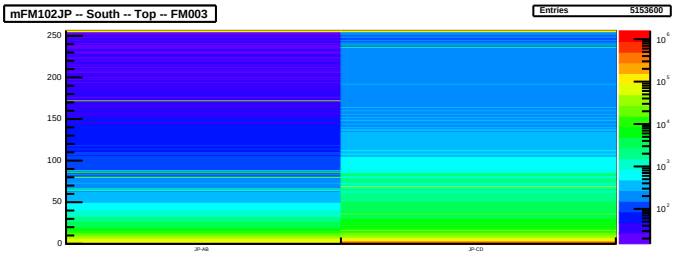
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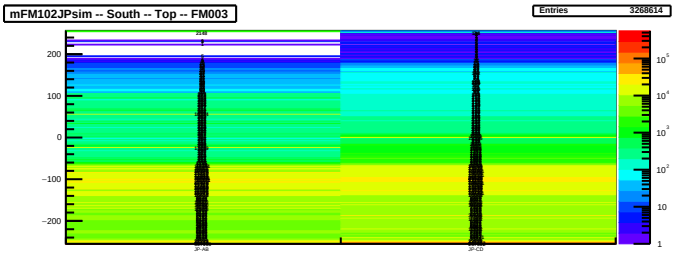
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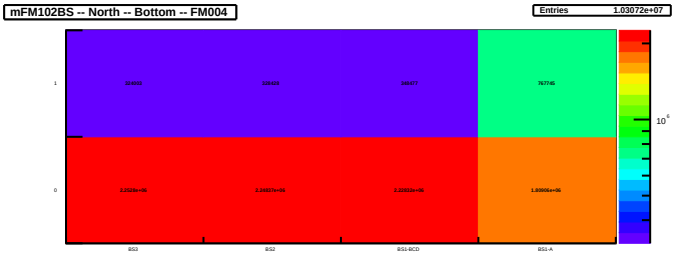
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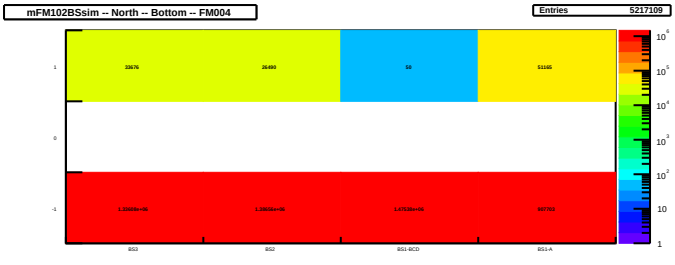
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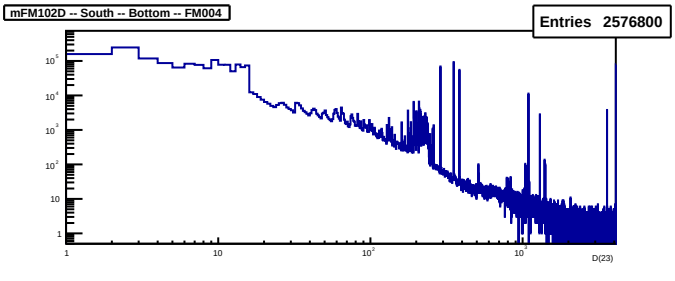
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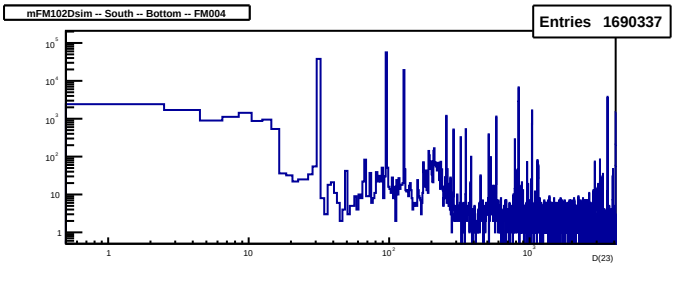
D(23)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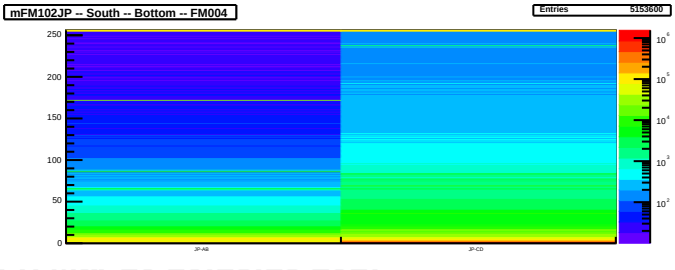
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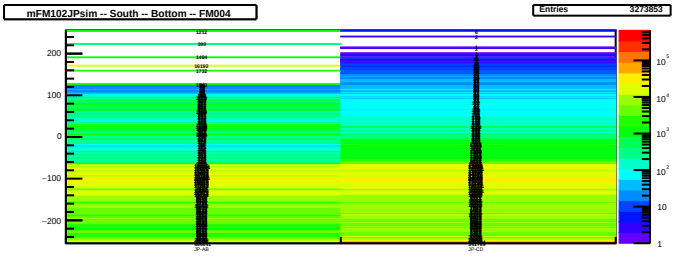
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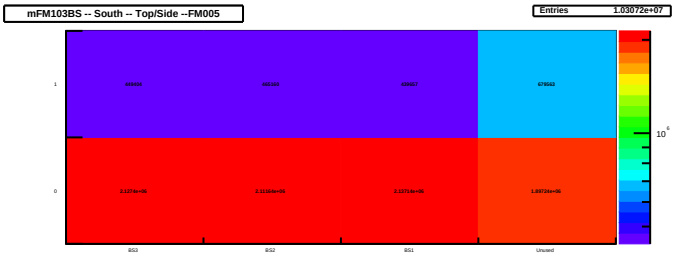
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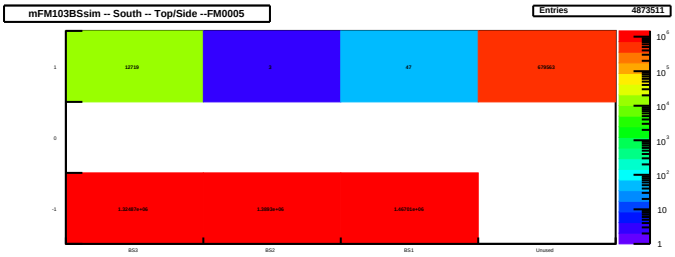
Entries 1.03072e+07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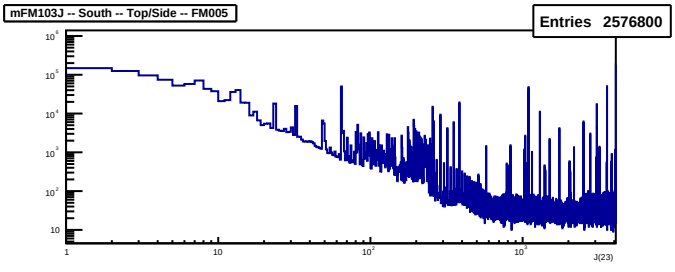
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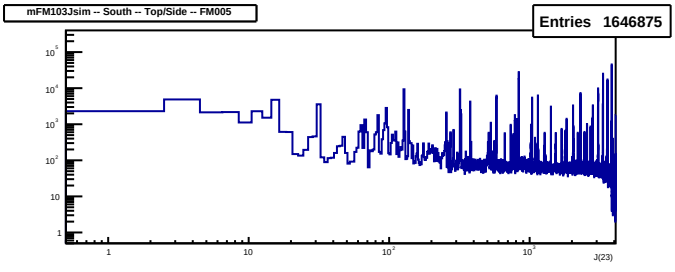
Entries 2576800
J(23)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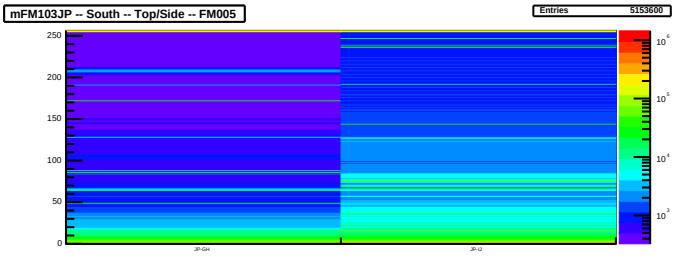
J(23)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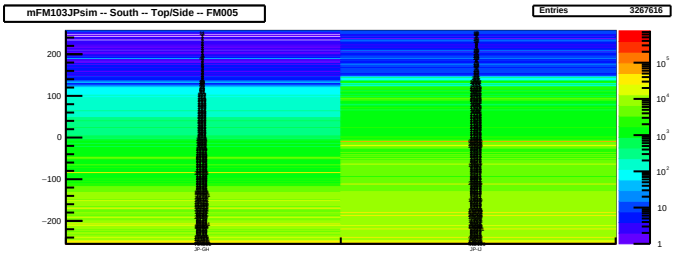
Entries 5153600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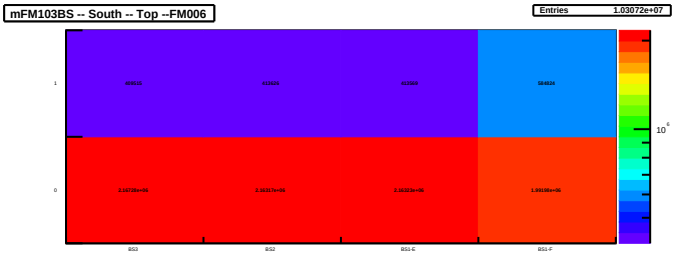
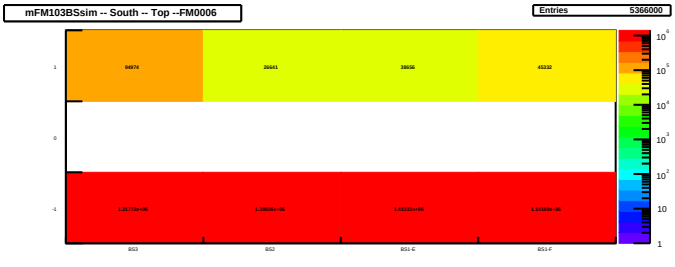

mFM103BS -- South -- Top --FM006
Entries 1.03072e+07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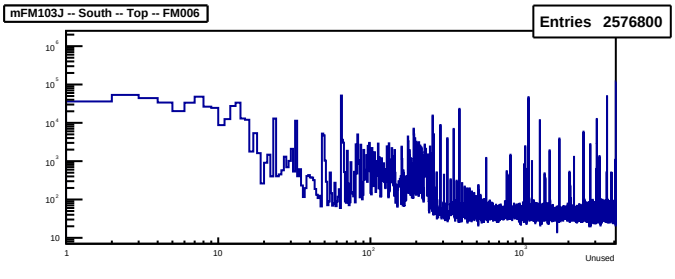
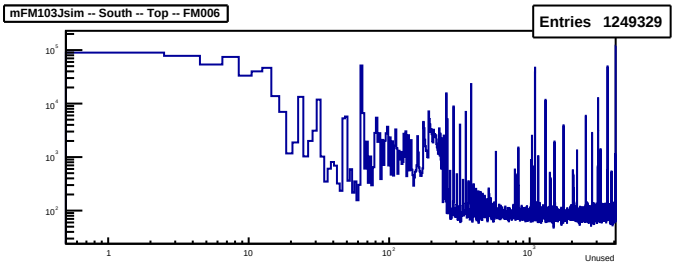
Entries 5366000


mFM103J -- South -- Top -- FM006
Entries 2576800
Unused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Entries 1249329
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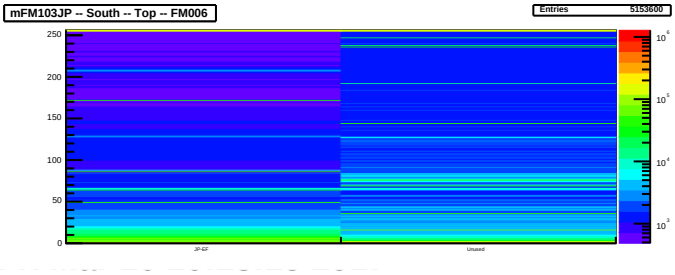
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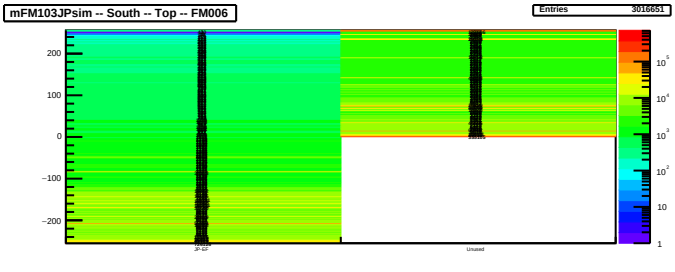
Entries 5153600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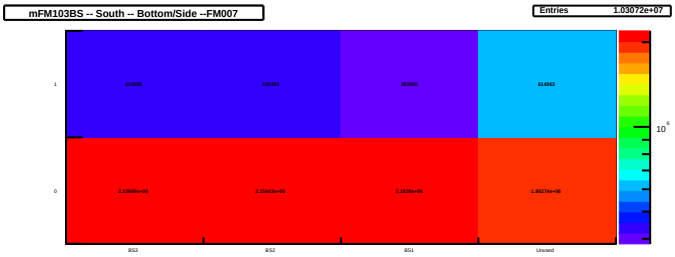
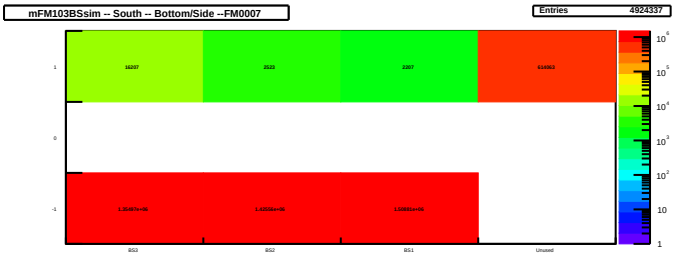

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.03072e+07
BS3
BS2
BS1
Unused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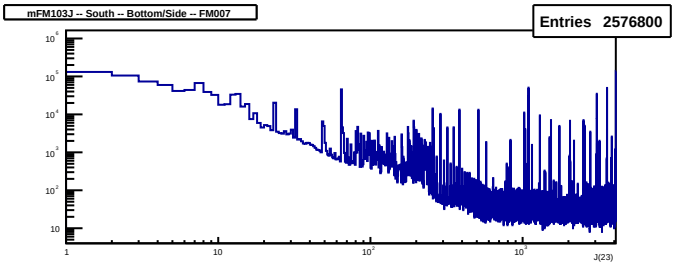
BS3
BS2
BS1
Unused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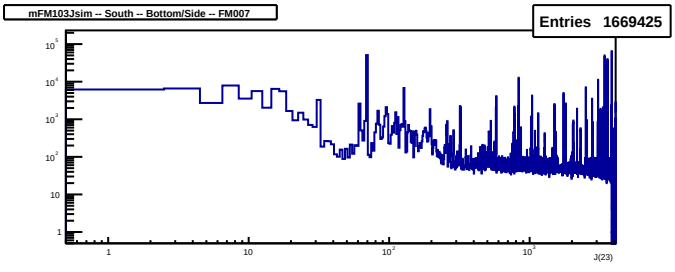
Entries 2576800
J(23)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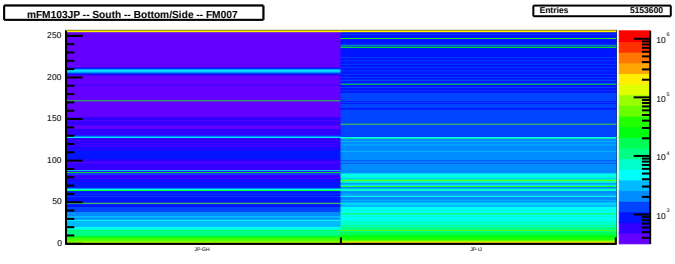
Entries 1669425
J(23)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Entries 5153600
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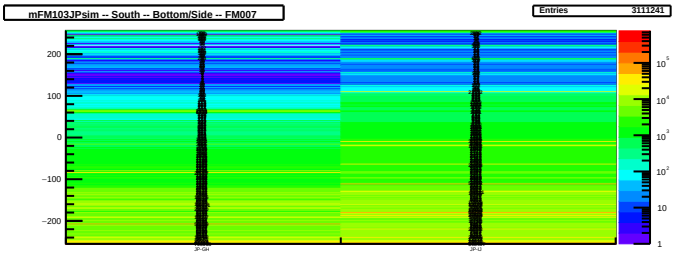
JP-I2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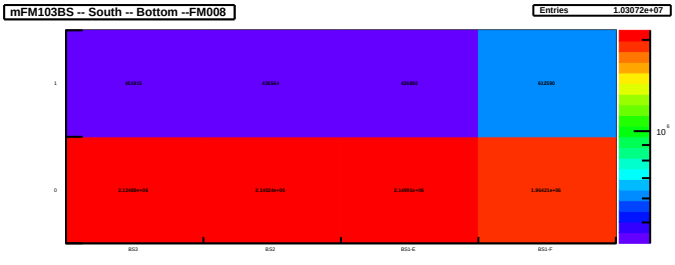
JP-I2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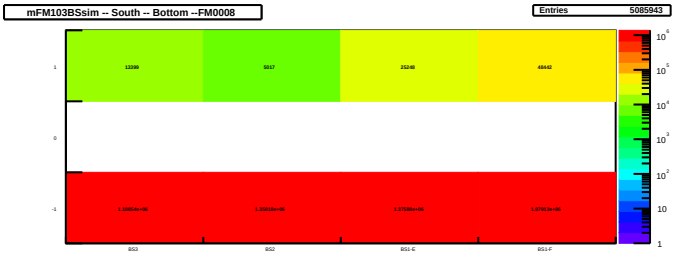
Entries 1.03072e+07
BS3
BS2
BS1-E
BS1-F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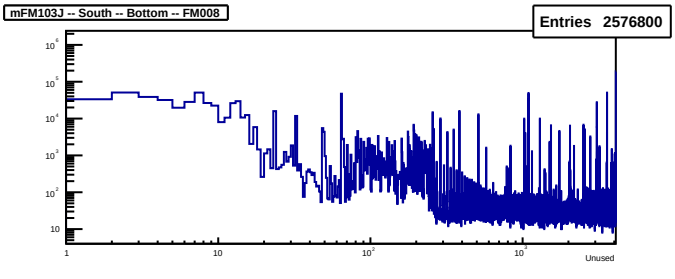
Entries 5085943
BS3
BS2
BS1-E
BS1-F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Entries 2576800
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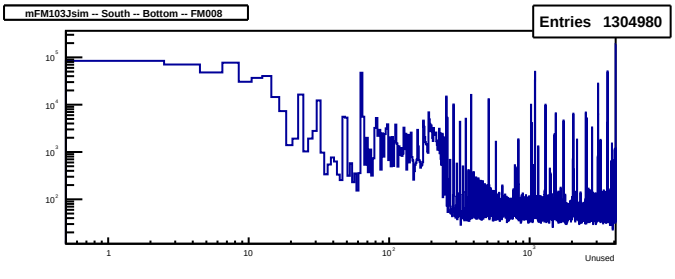
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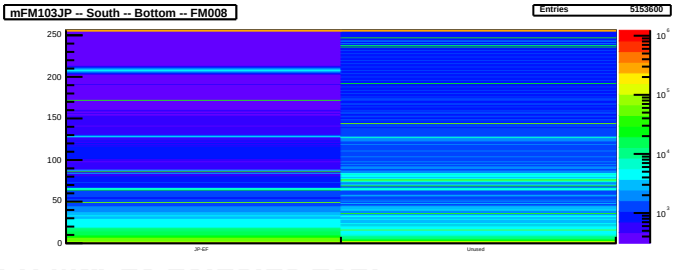
Entries 1304980
Unused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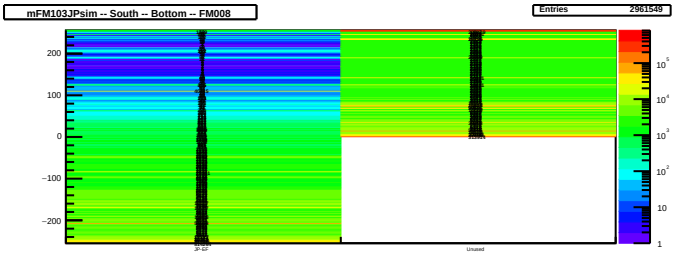
Entries 5153600
JP-E2
Unused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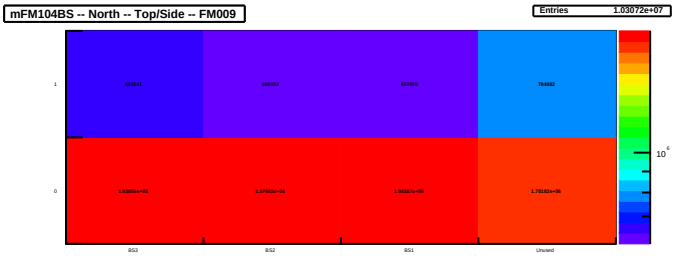
Entries 2961549
JP-E2
Unused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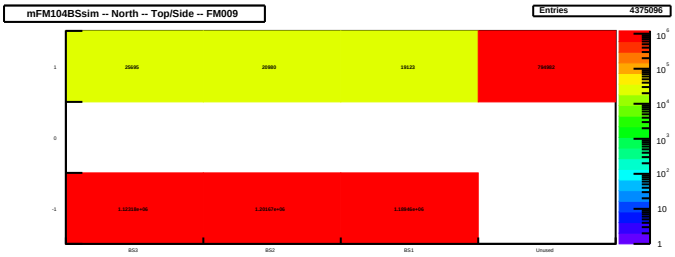
Entries 1.03072e+07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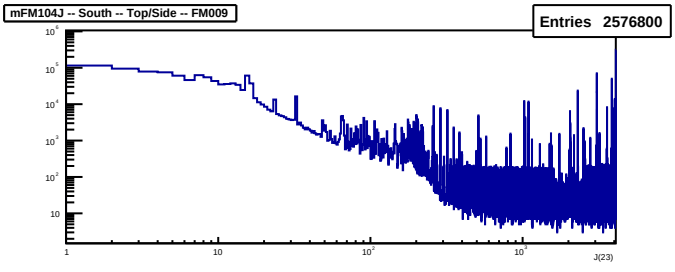
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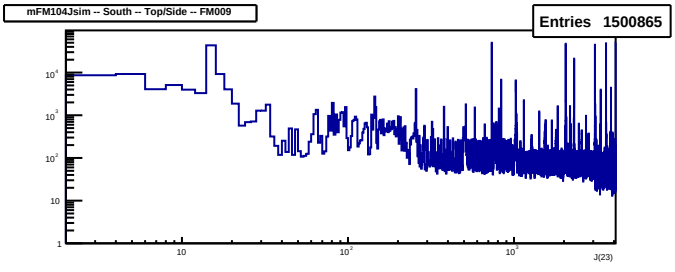
Entries 2576800
J(23)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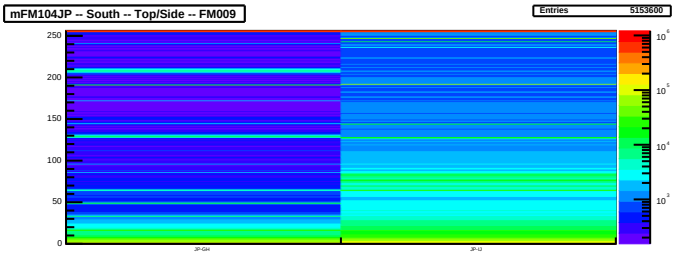
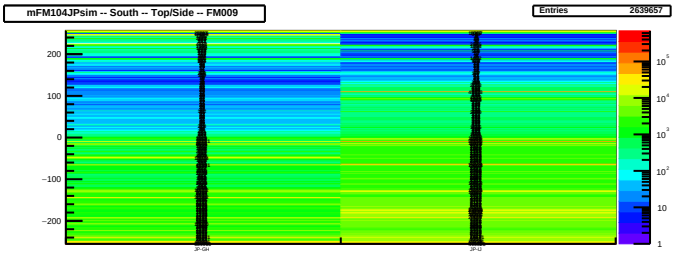
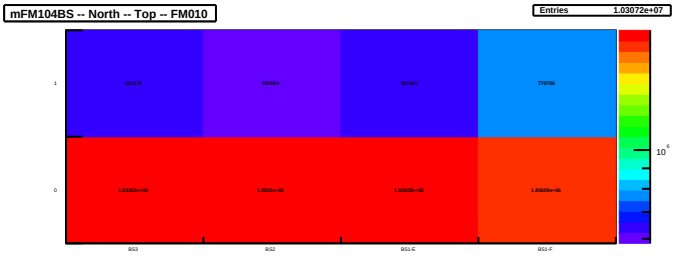
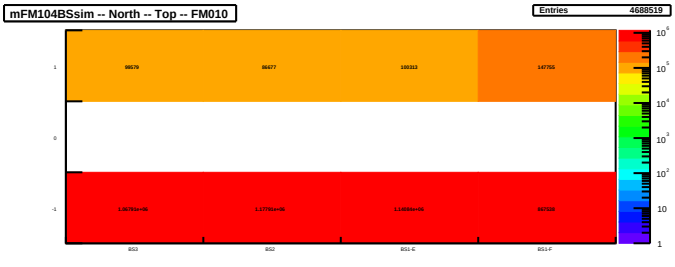
Entries 1500865
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 5153600


mFM104JPsim -- South -- Top/Side -- FM009
Entries 2639657


mFM104BS -- North -- Top -- FM010
Entries 1.03072e+07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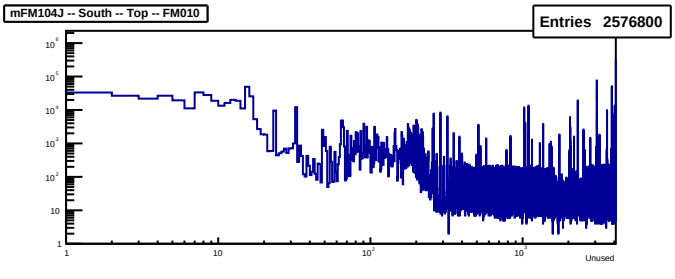
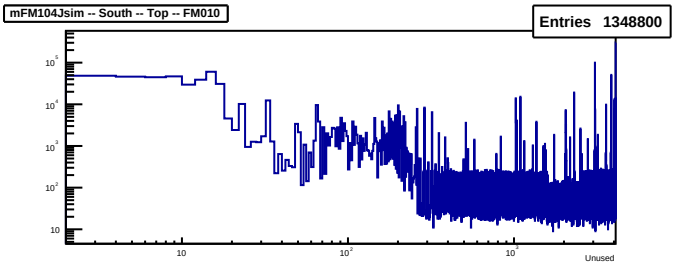
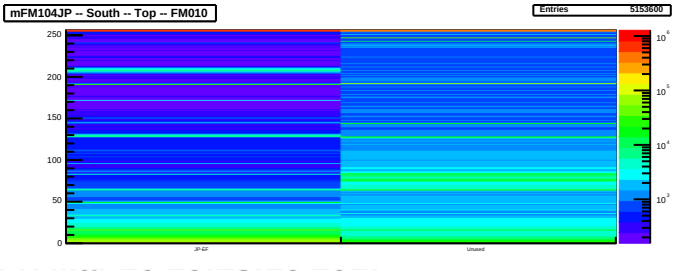
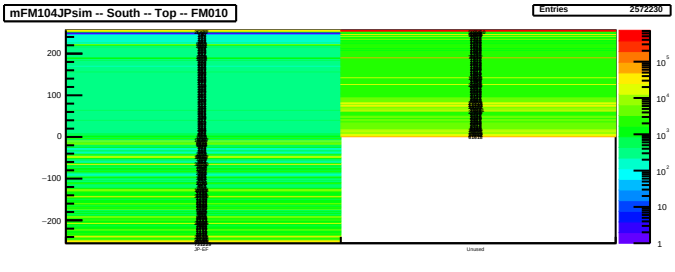
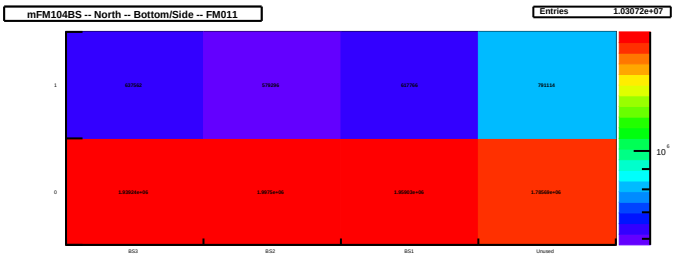
Entries 4688519

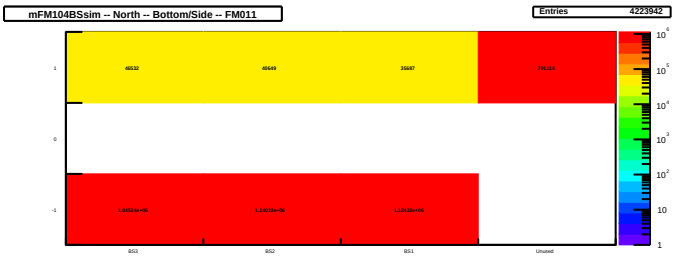

mFM104J -- South -- Top -- FM010
Entries 2576800
Unused

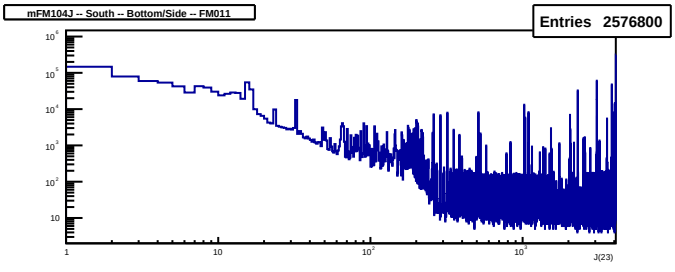

mFM104Jsim -- South -- Top -- FM010
Entries 1348800
Unused

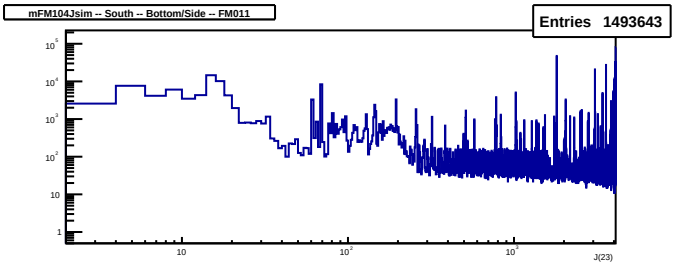

mFM104JP -- South -- Top -- FM010
Entries 5153600


mFM104JPsim -- South -- Top -- FM010
Entries 2572230


mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.03072e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4223942


mFM104J -- South -- Bottom/Side -- FM011
Entries 2576800
J(23)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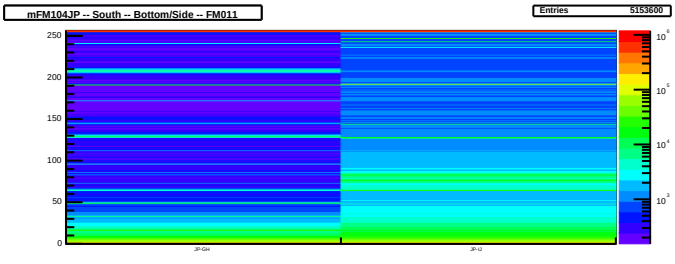
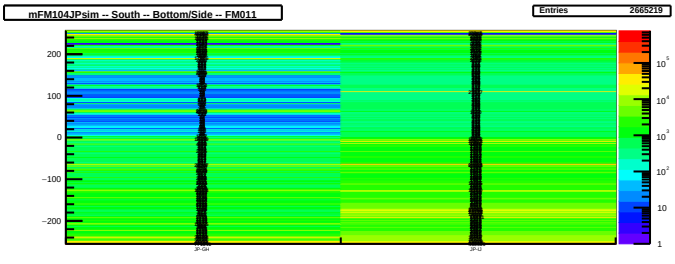
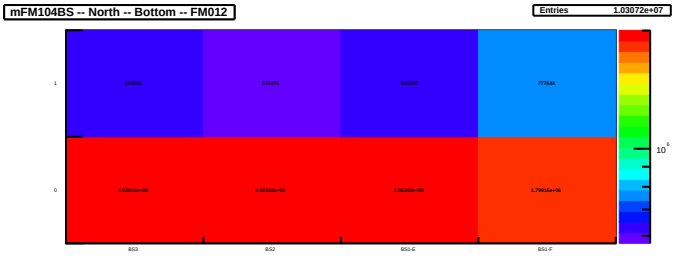
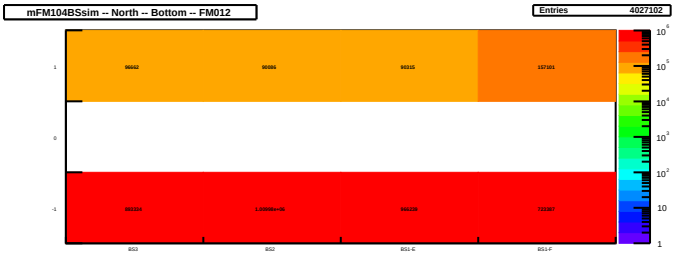
Entries 1493643
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 5153600


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2665219


mFM104BS -- North -- Bottom -- FM012
Entries 1.03072e+07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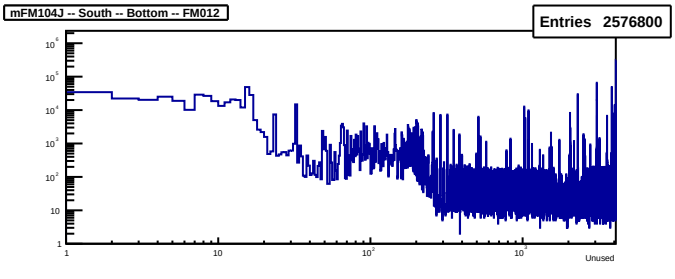
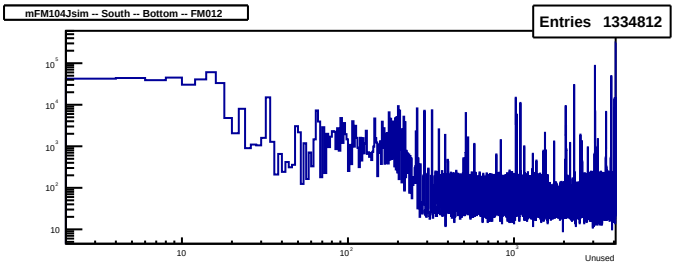
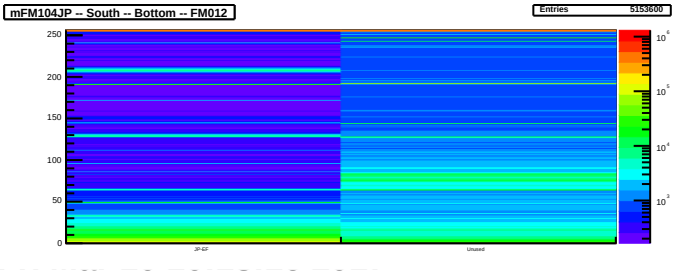
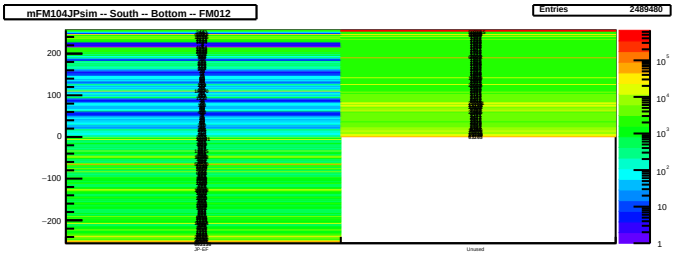
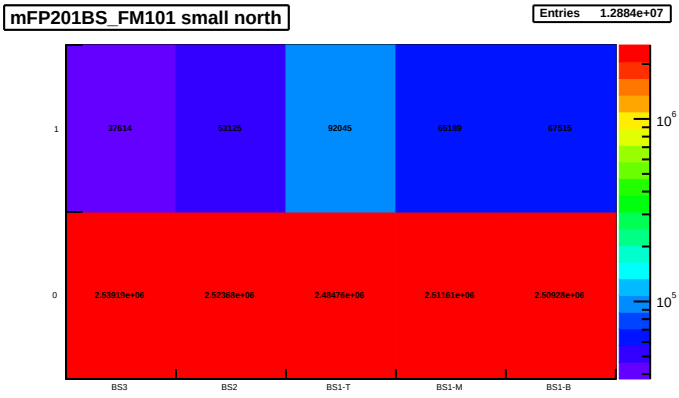
Entries 4027102

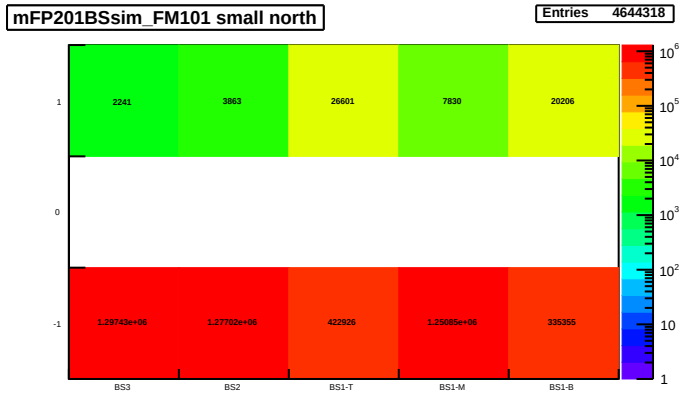

mFM104J -- South -- Bottom -- FM012
Entries 2576800
Unused

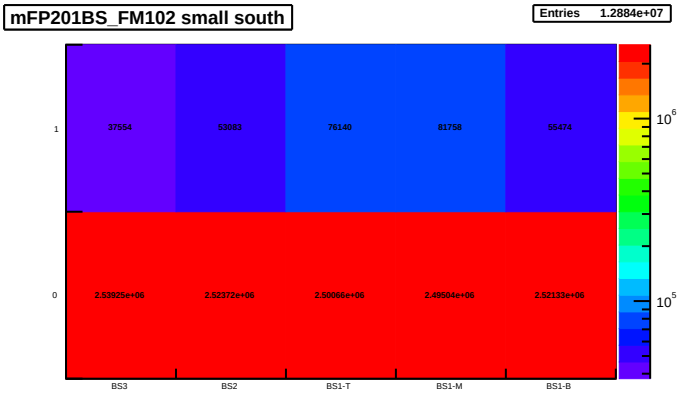

mFM104Jsim -- South -- Bottom -- FM012
Entries 1334812
Unused

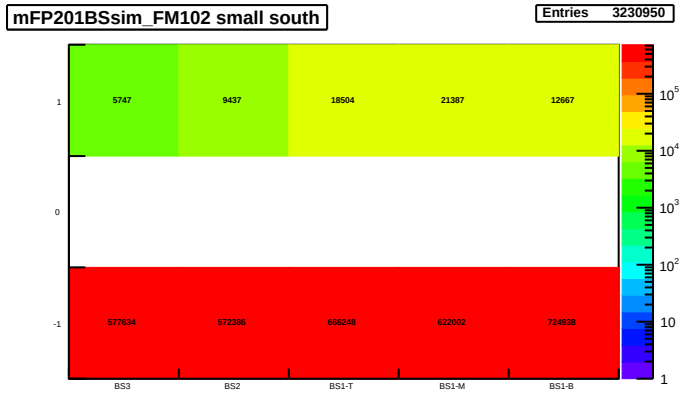

mFM104JP -- South -- Bottom -- FM012
Entries 5153600

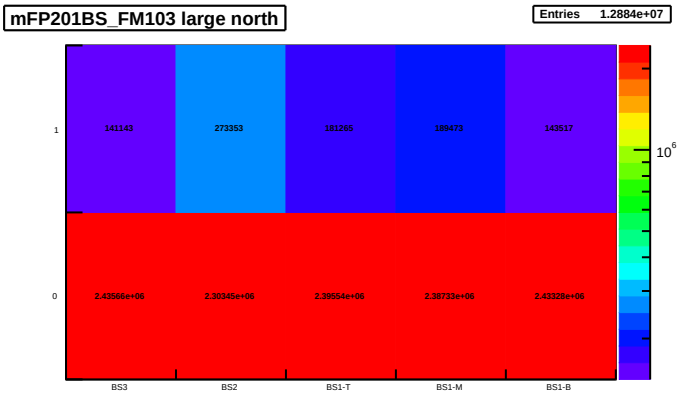

mFM104JPsim -- South -- Bottom -- FM012
Entries 2489480

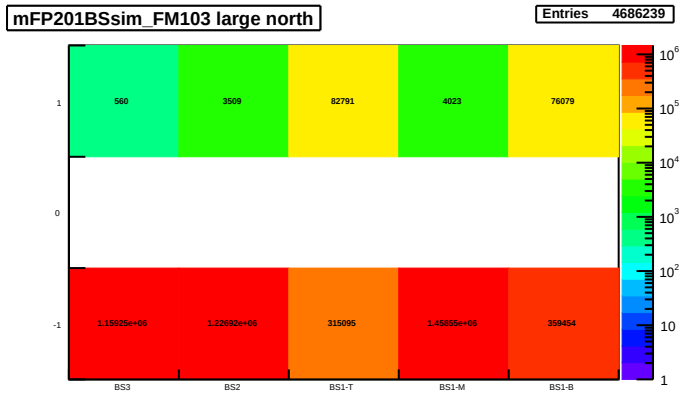

mFP201BS_FM101 small north
Entries 1.2884e+07
1
0
37614
53125
92045
65189
67515
2.53919e+06
2.52368e+06
2.48476e+06
2.51161e+06
2.50928e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

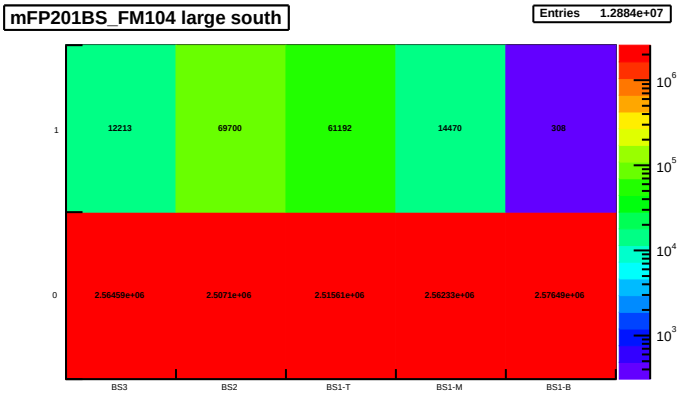

mFP201BSsim_FM101 small north
Entries 4644318
1
0
-1
2241
3863
26601
7830
20206
1.29743e+06
1.27702e+06
422926
1.25085e+06
335355
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

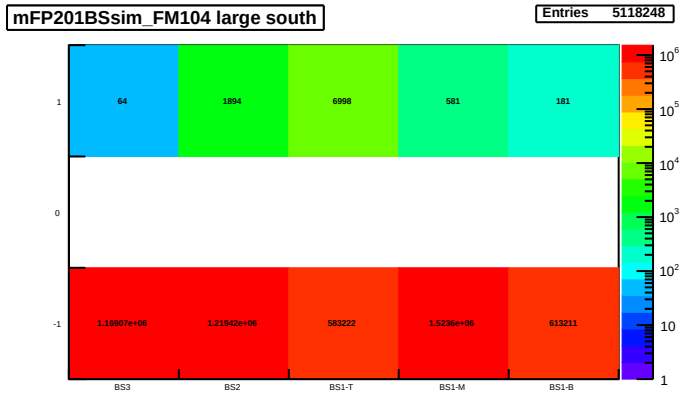

mFP201BS_FM102 small south
Entries 1.2884e+07
1
0
37554
53083
76140
81758
55474
2.53925e+06
2.52372e+06
2.50066e+06
2.49504e+06
2.52133e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5


mFP201BSsim_FM102 small south
Entries 3230950
1
0
-1
5747
9437
18504
21387
12667
577634
572386
666248
622002
724938
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 1.2884e+07
1
0
141143
273353
181265
189473
143517
2.43566e+06
2.30345e+06
2.39554e+06
2.38733e+06
2.43328e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM103 large north
Entries 4686239
1
0
-1
560
3509
82791
4023
76079
1.15925e+06
1.22692e+06
315095
1.45855e+06
359454
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM104 large south
Entries 1.2884e+07
1
0
12213
69700
61192
14470
308
2.56459e+06
2.5071e+06
2.51561e+06
2.56233e+06
2.57649e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3


mFP201BSsim_FM104 large south
Entries 5118248
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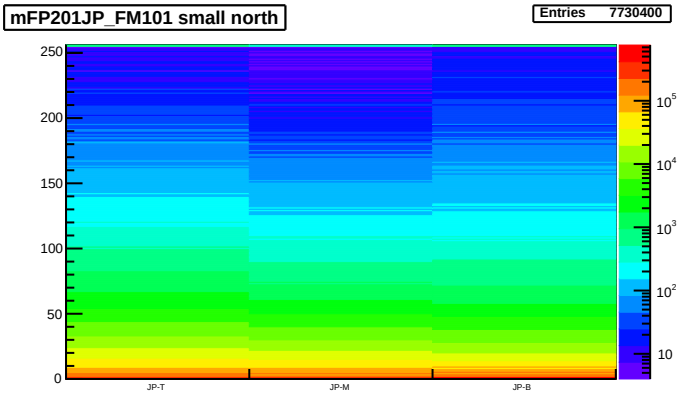
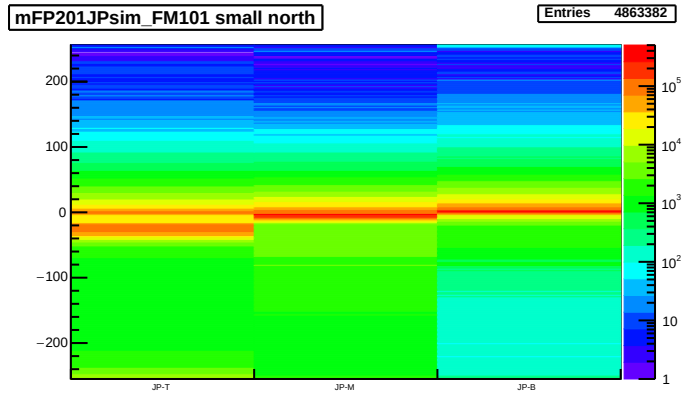
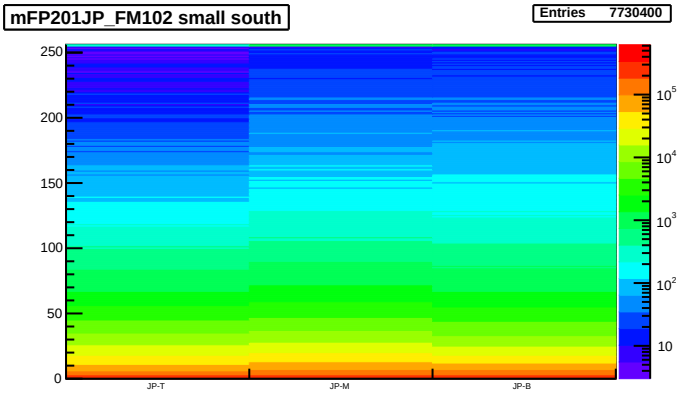
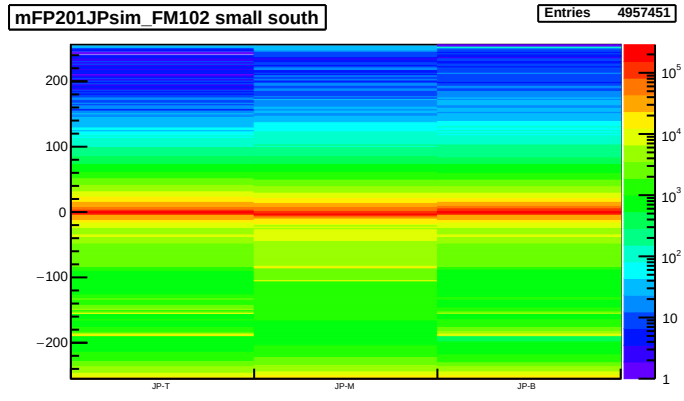
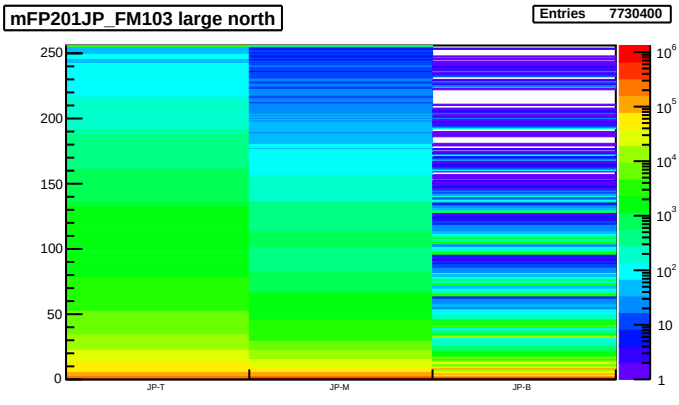
0
-1
64
1894
6998
581
181
1.16907e+06
1.21942e+06
583222
1.5236e+06
613211
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

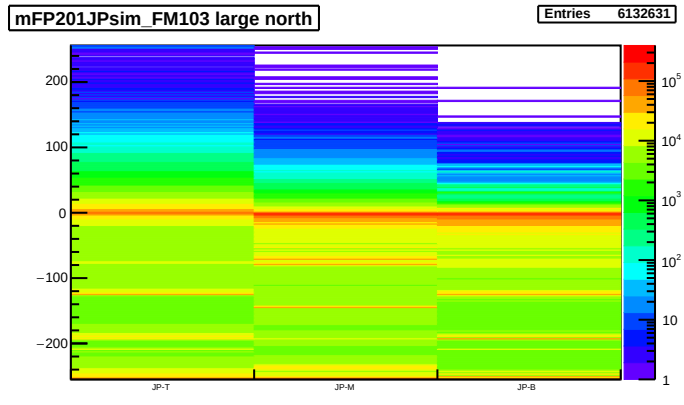

mFP201JP_FM101 small north
Entries 7730400
JP-T
JP-M
JP-B

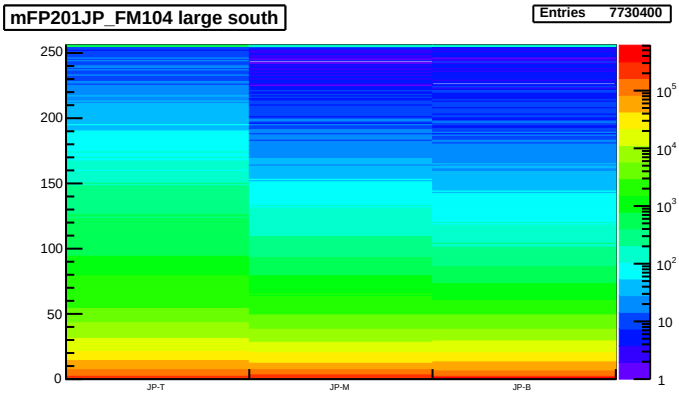

mFP201JPsim_FM101 small north
Entries 4863382
JP-T
JP-M
JP-B

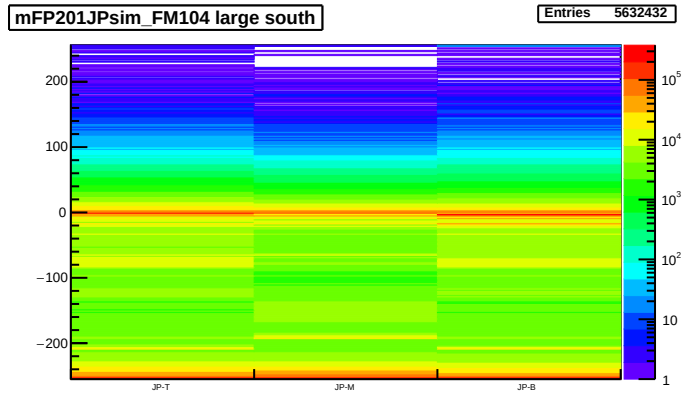

mFP201JP_FM102 small south
Entries 7730400
JP-T
JP-M
JP-B

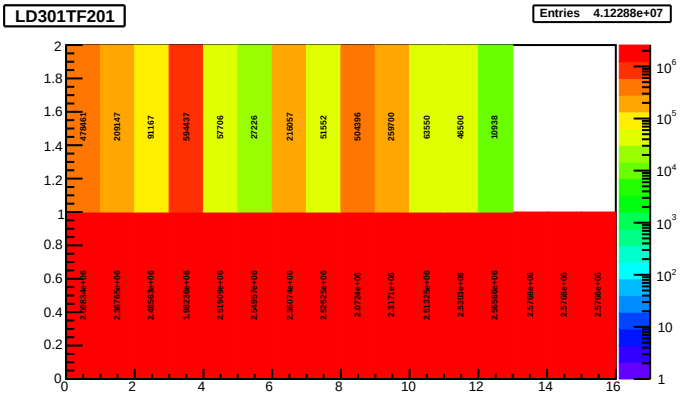

mFP201JPsim_FM102 small south
Entries 4957451
JP-T
JP-M
JP-B

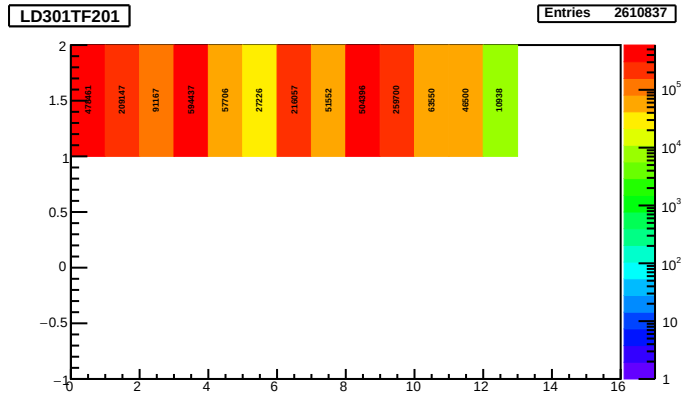

mFP201JP_FM103 large north
Entries 7730400
JP-T
JP-M
JP-B

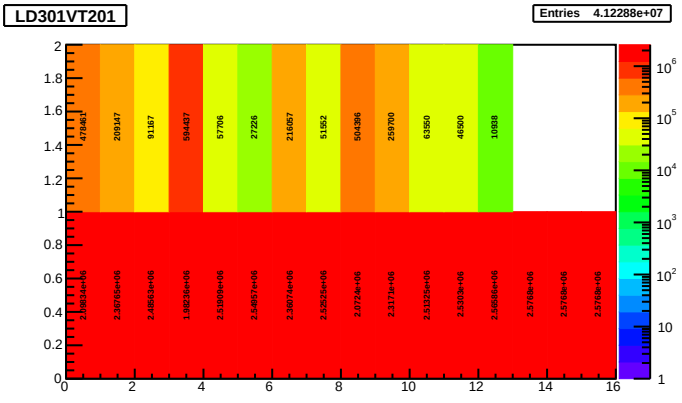

mFP201JPsim_FM103 large north
Entries 6132631
JP-T
JP-M
JP-B

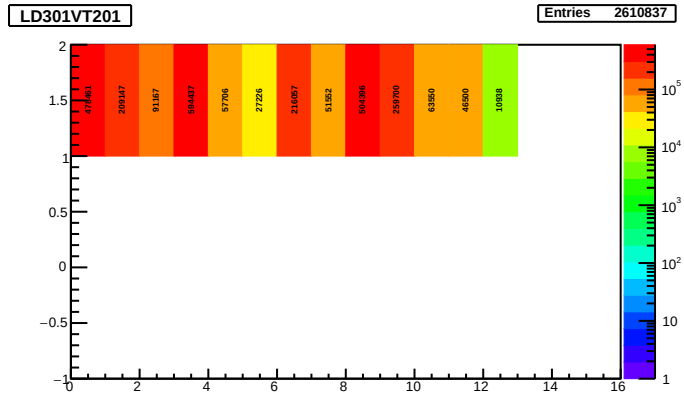

mFP201JP_FM104 large south
Entries 7730400
JP-T
JP-M
JP-B

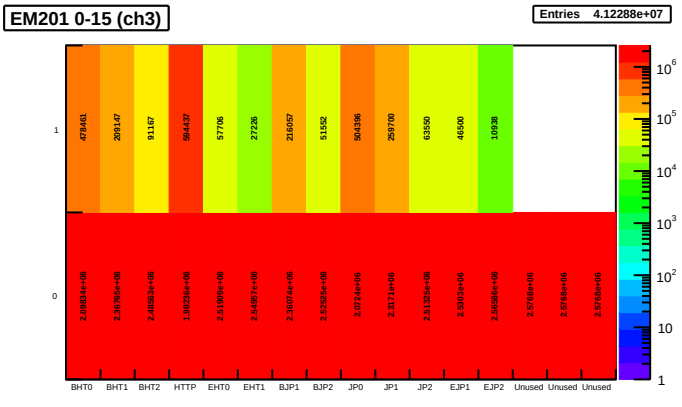

mFP201JPsim_FM104 large south
Entries 5632432
JP-T
JP-M
JP-B

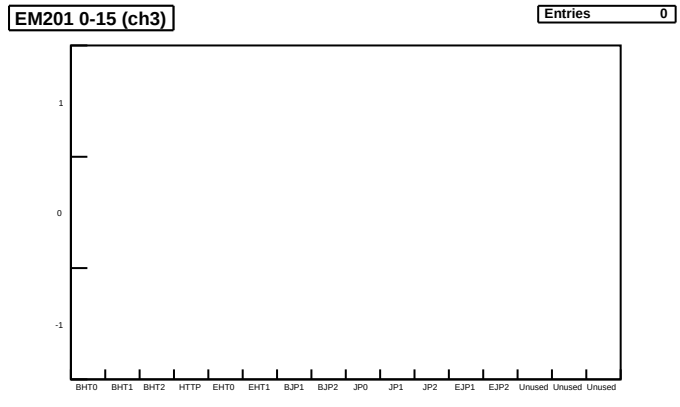

LD301TF201
Entries 4.12288e+07

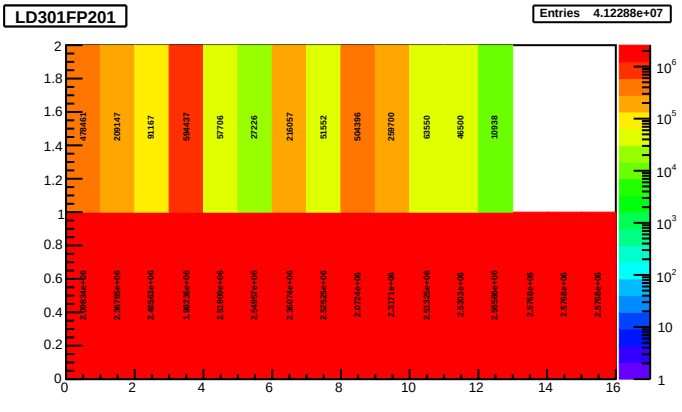

LD301TF201
Entries 2610837

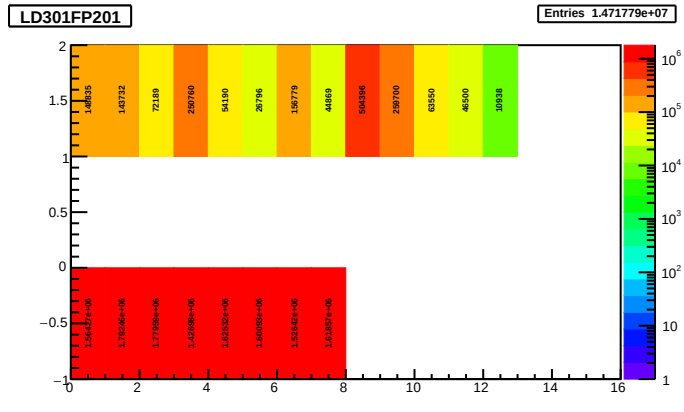

LD301VT201
Entries 4.12288e+07


LD301VT201
Entries 2610837


EM201 0-15 (ch3)
Entries 4.12288e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 4.12288e+07


LD301FP201
Entries 1.471779e+07