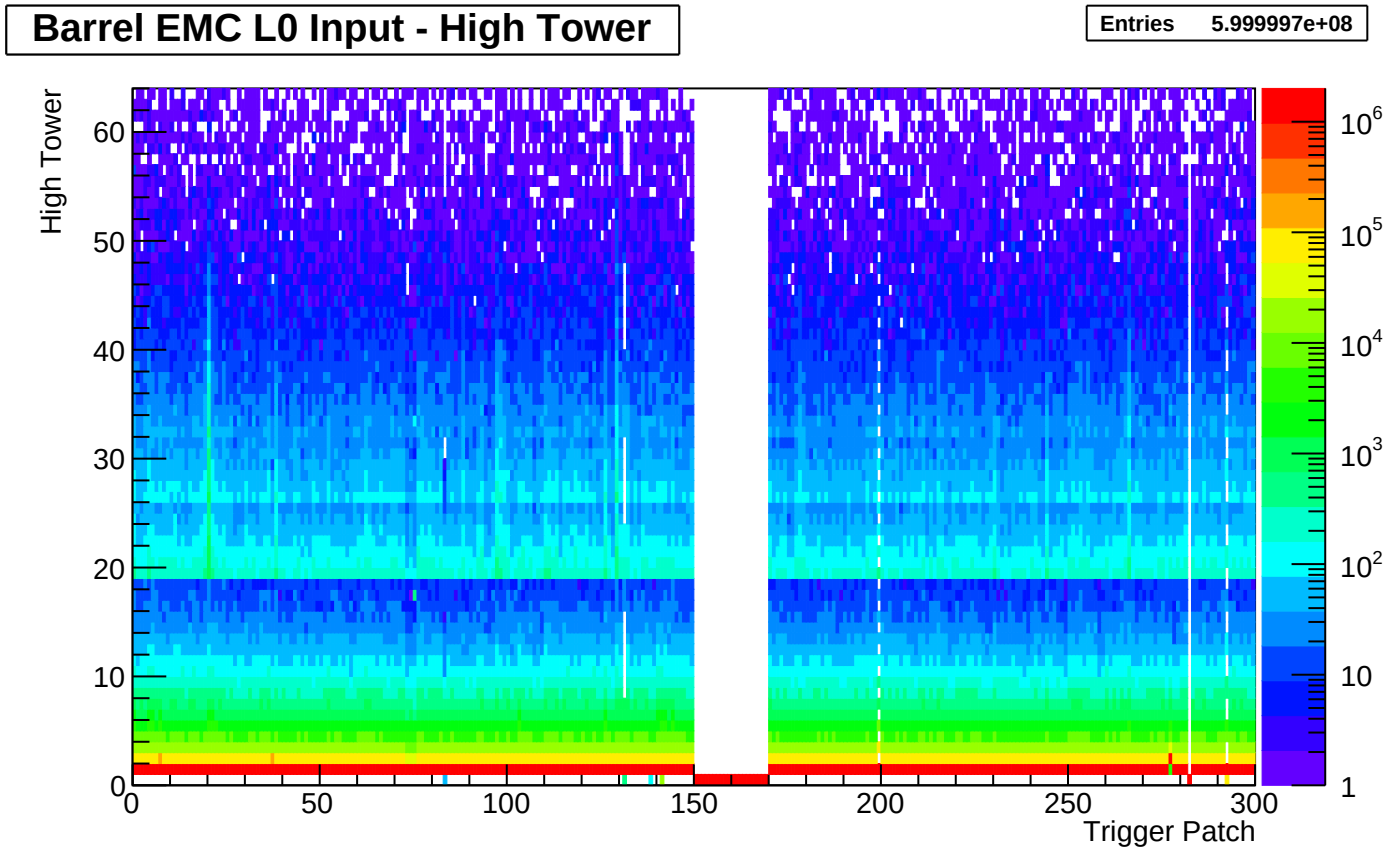
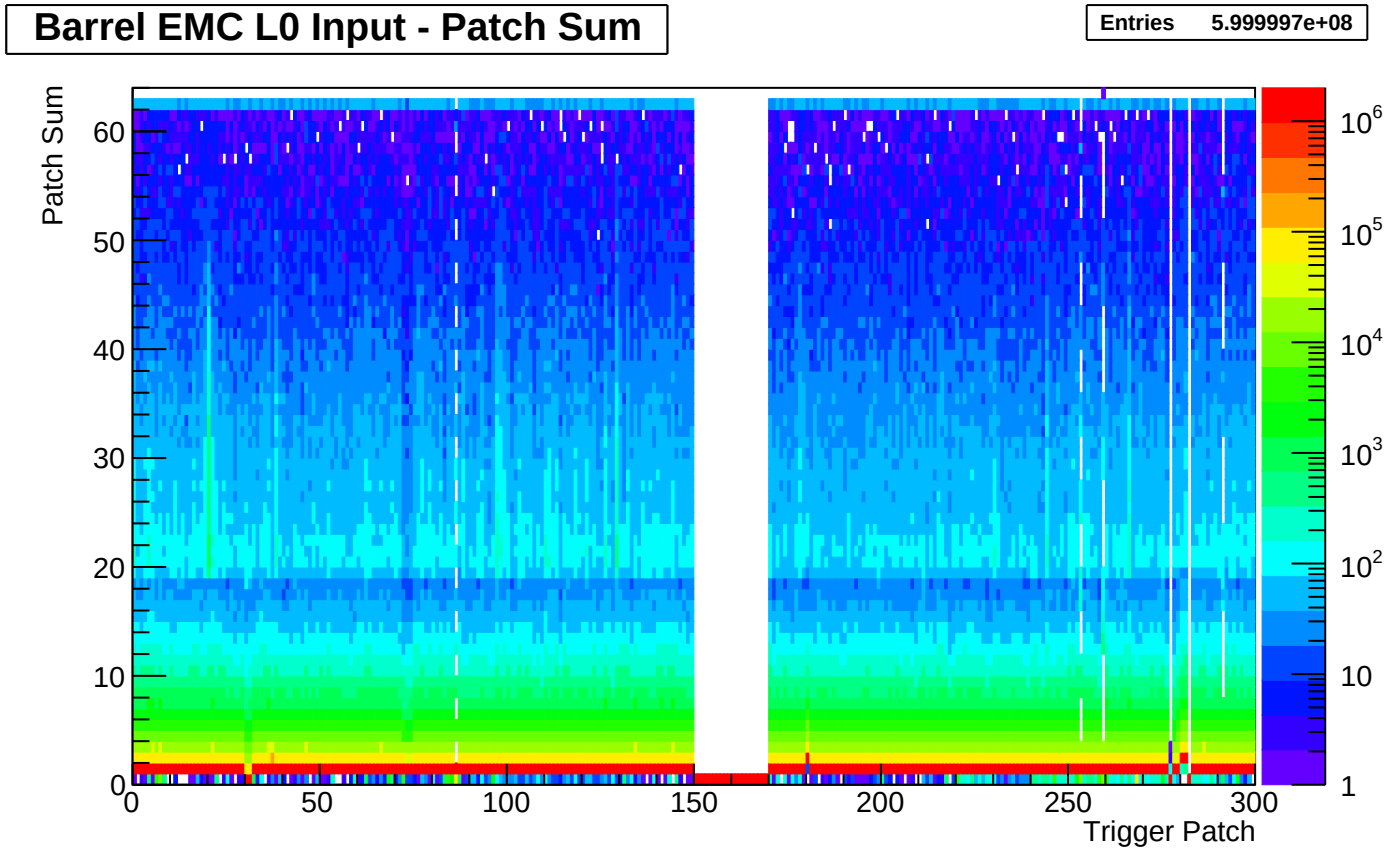
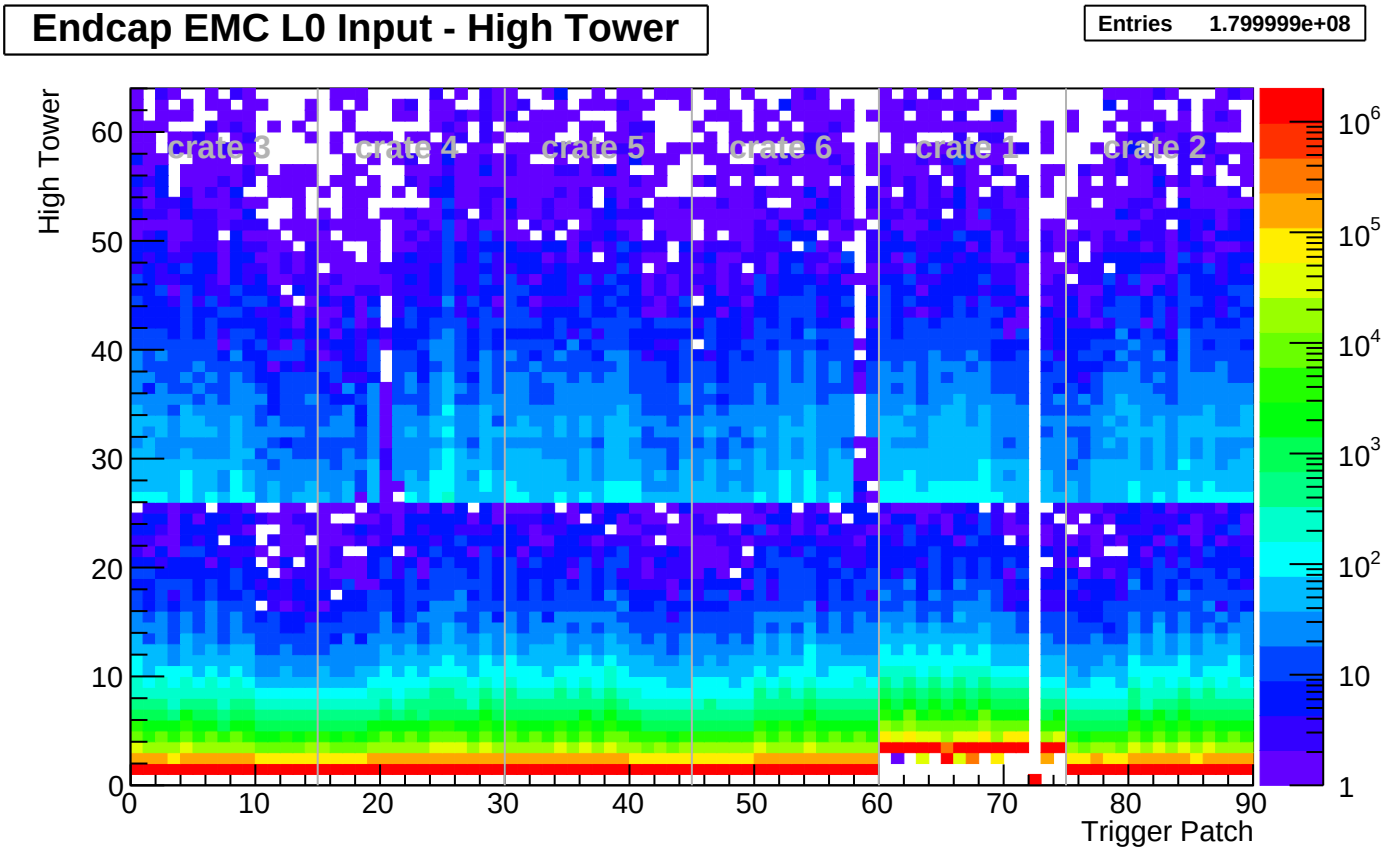
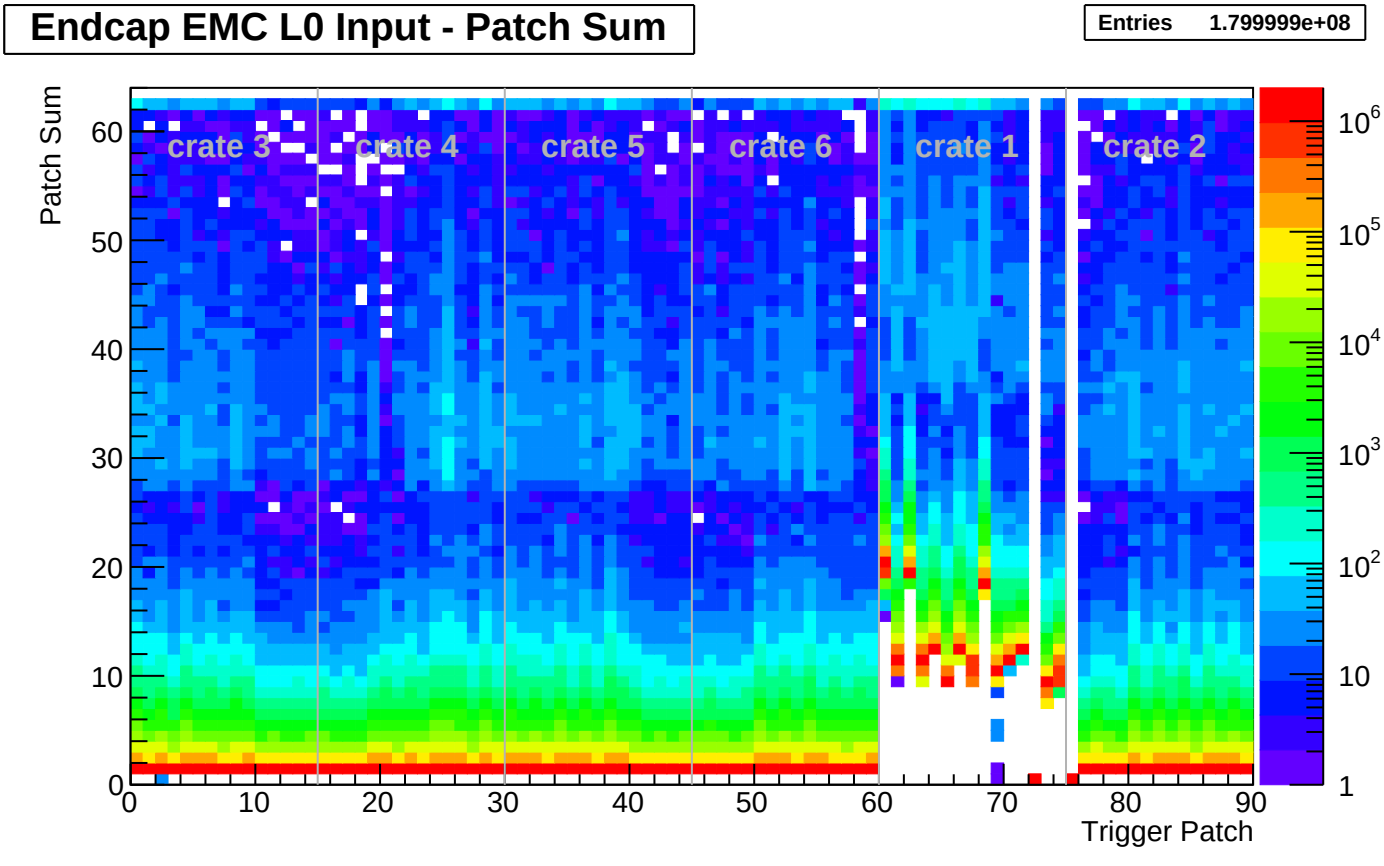
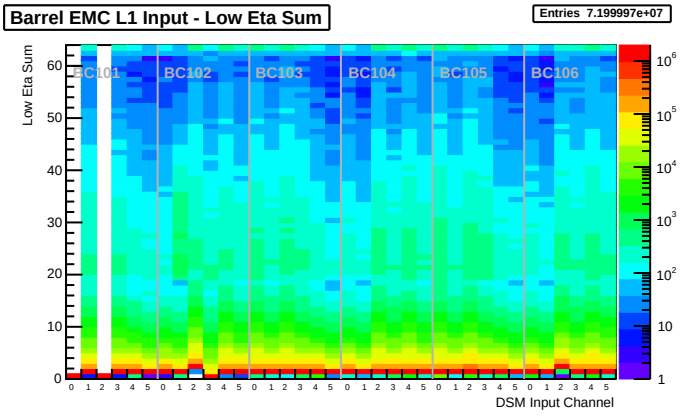
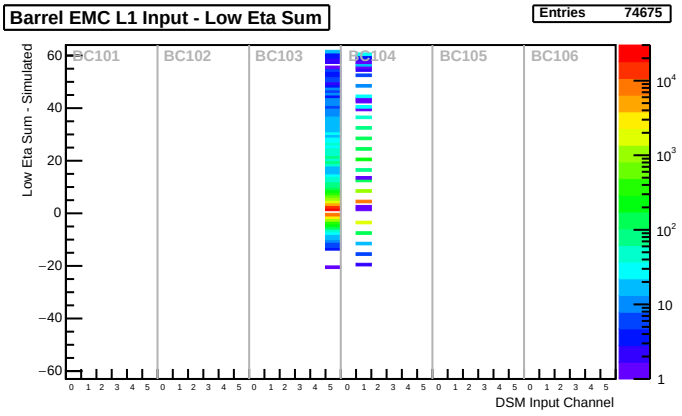

Barrel EMC L0 Input - High Tower
Entries 5.999997e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

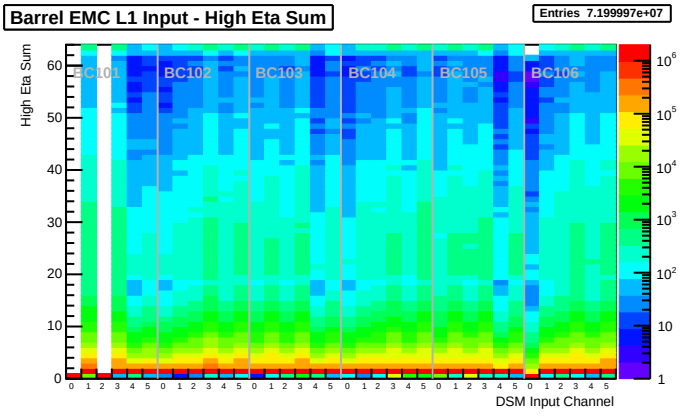

Barrel EMC L0 Input - Patch Sum
Entries 5.999997e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

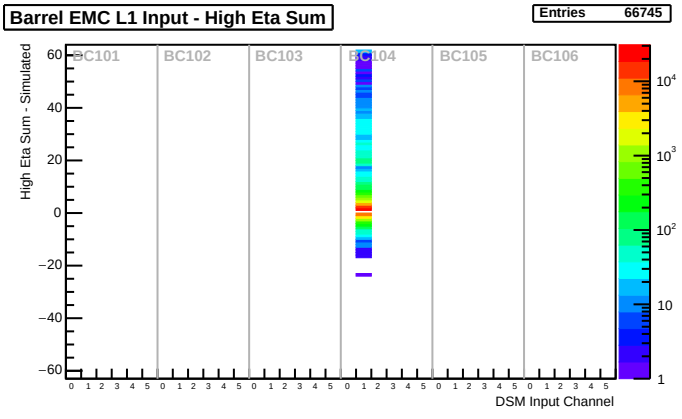

Endcap EMC L0 Input - High Tower
Entries 1.799999e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

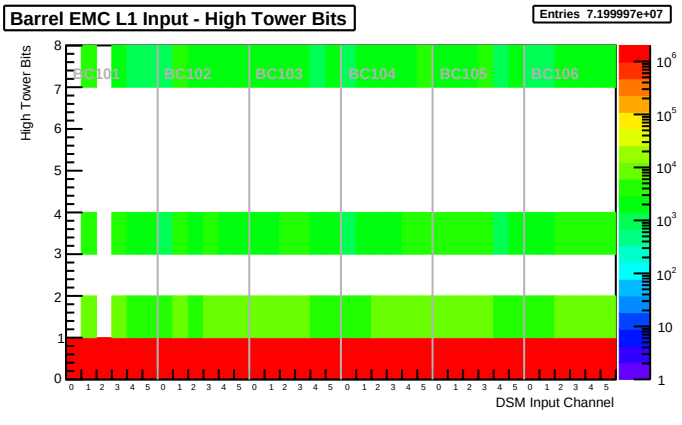

Endcap EMC L0 Input - Patch Sum
Entries 1.799999e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

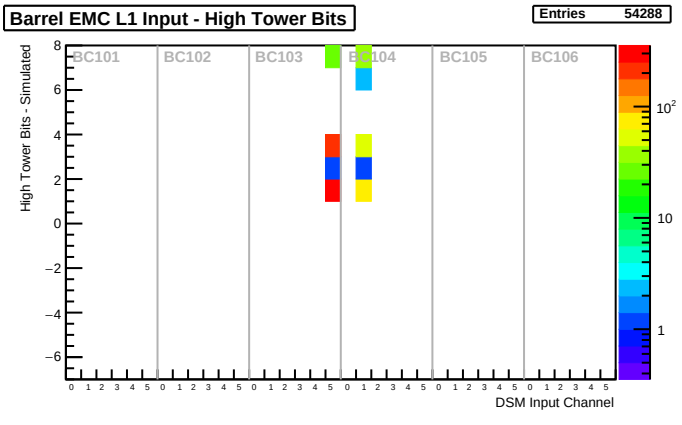

Barrel EMC L1 Input - Low Eta Sum
Entries 7.199997e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

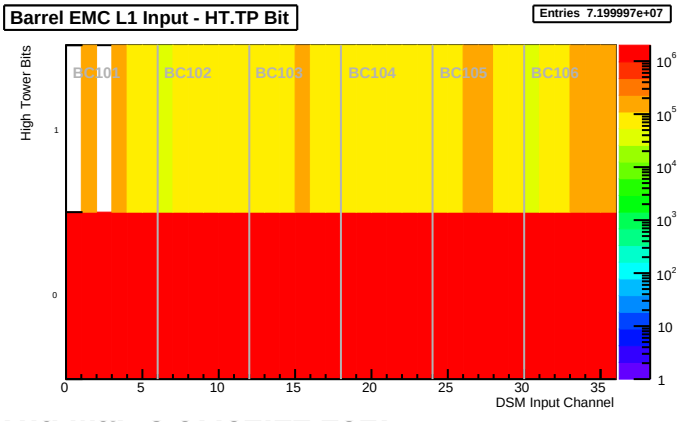

Barrel EMC L1 Input - Low Eta Sum
Entries 74675
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

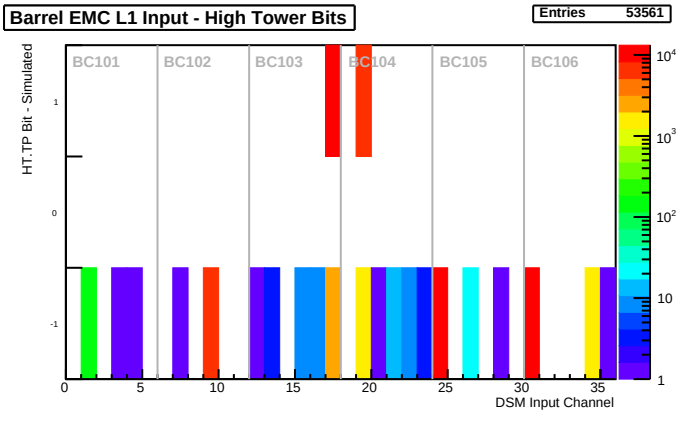

Barrel EMC L1 Input - High Eta Sum
Entries 7.199997e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

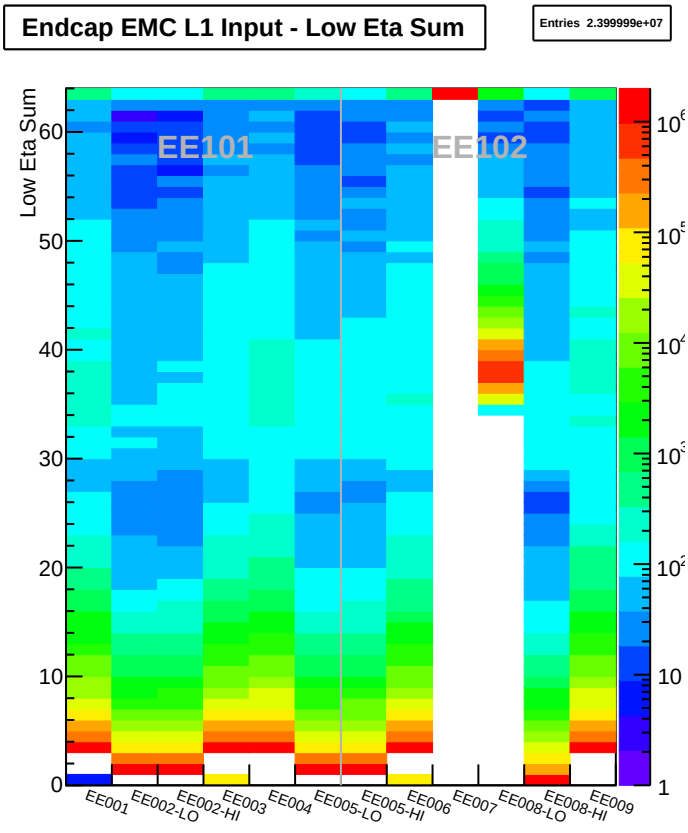

Barrel EMC L1 Input - High Eta Sum
Entries 66745
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

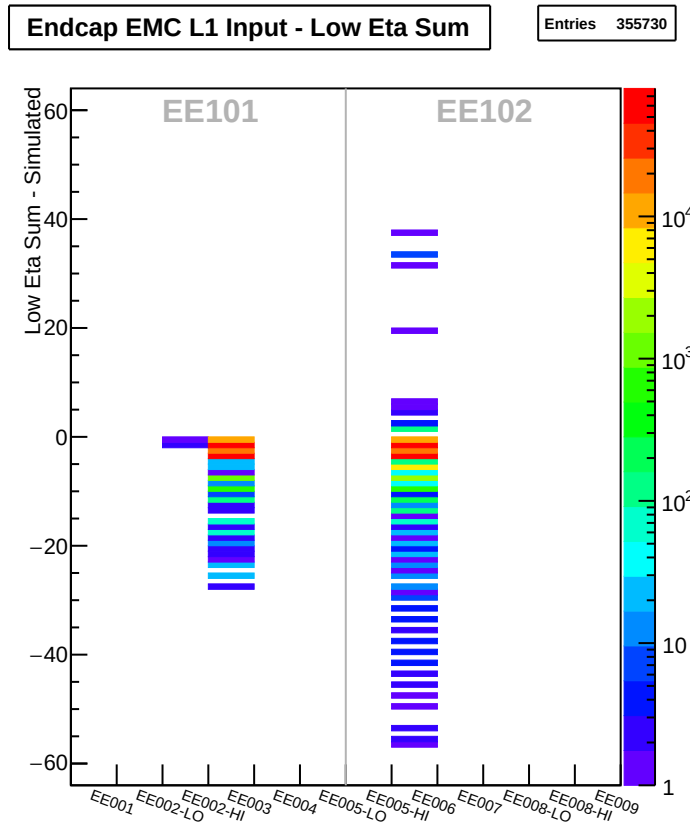

Barrel EMC L1 Input - High Tower Bits
Entries 7.199997e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

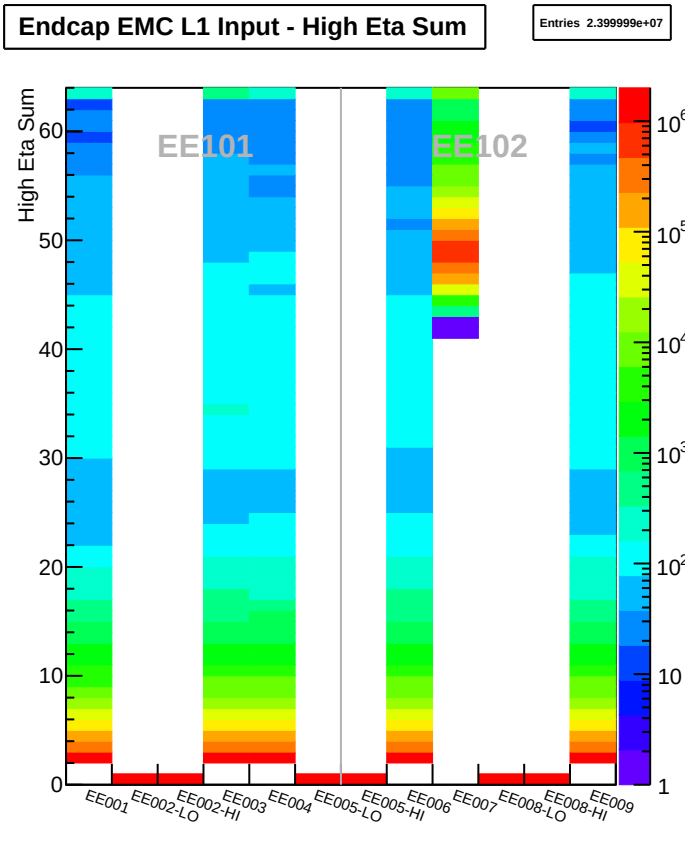

Barrel EMC L1 Input - High Tower Bits
Entries 54288
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

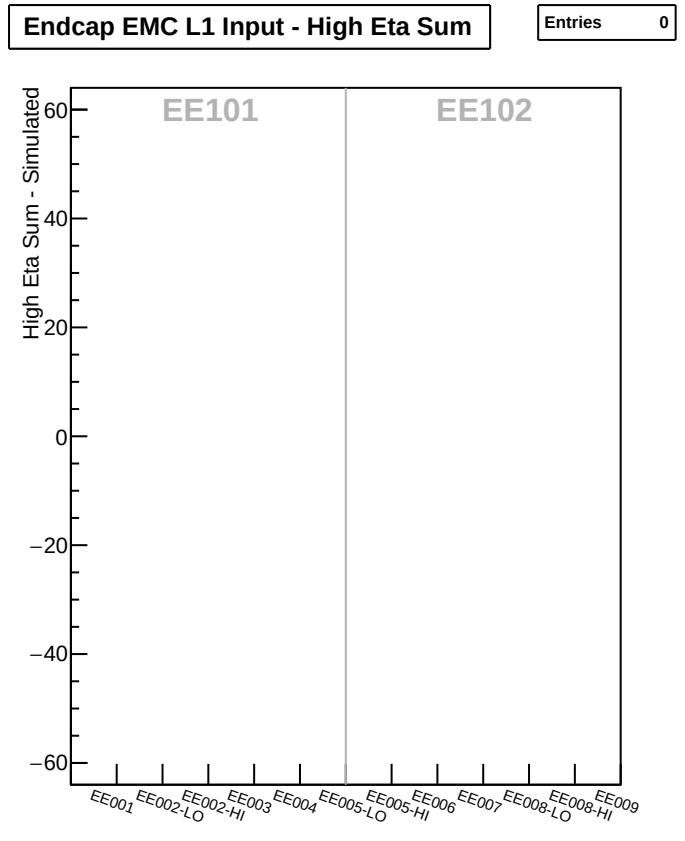

Barrel EMC L1 Input - HT.TP Bit
Entries 7.199997e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

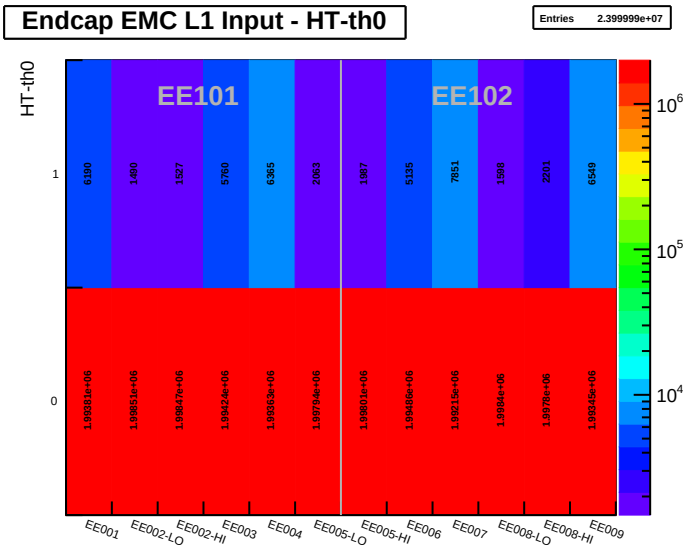

Barrel EMC L1 Input - High Tower Bits
Entries 53561
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

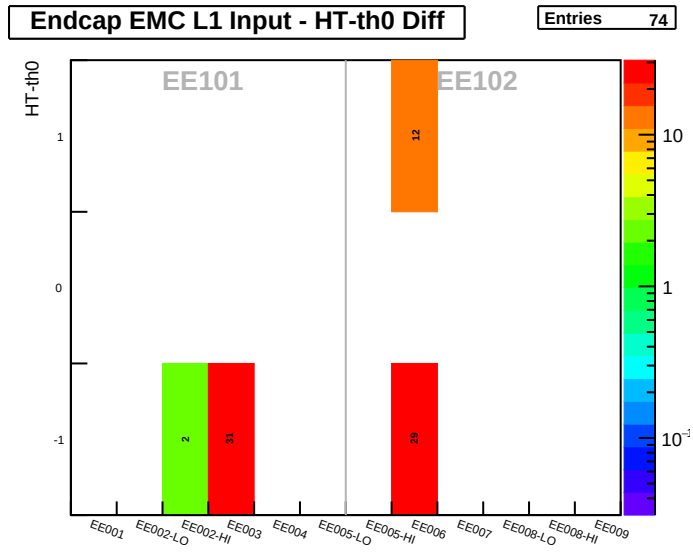

Endcap EMC L1 Input - Low Eta Sum
Entries 2.399999e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

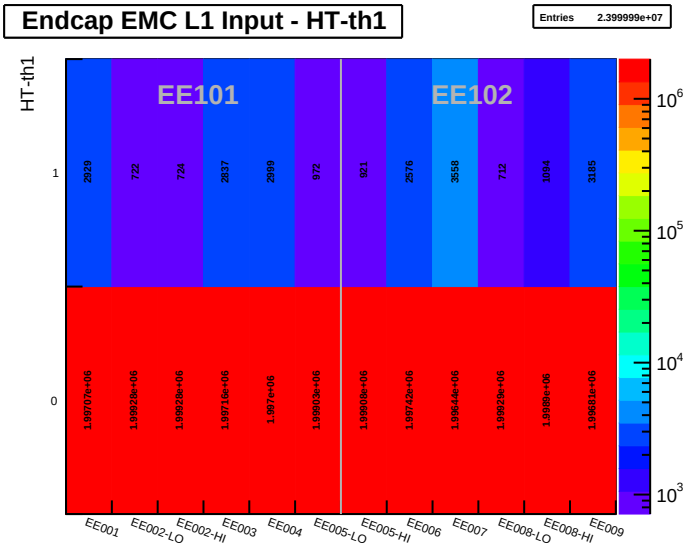

Endcap EMC L1 Input - Low Eta Sum
Entries 355730
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

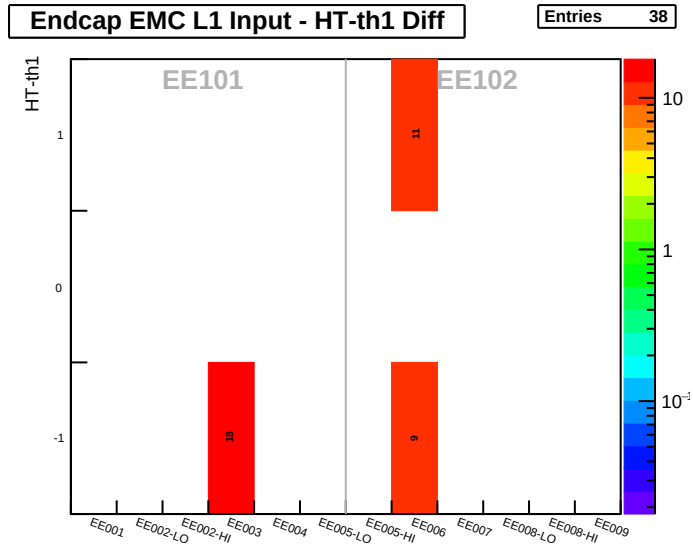

Endcap EMC L1 Input - High Eta Sum
Entries 2.399999e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

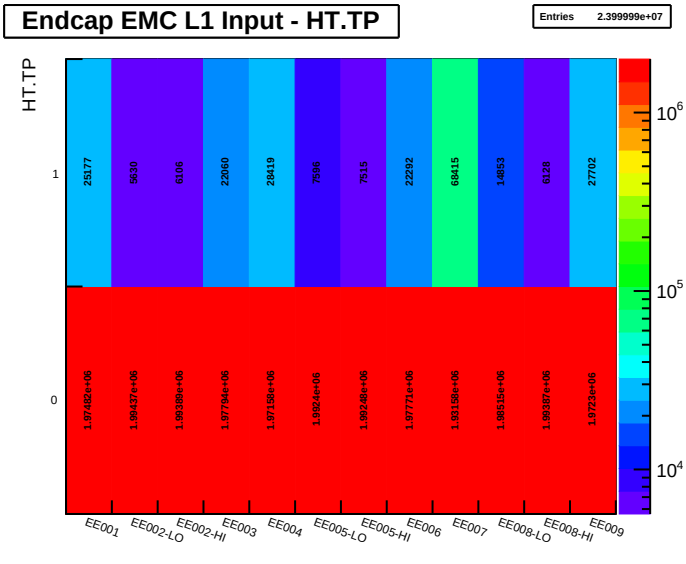

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

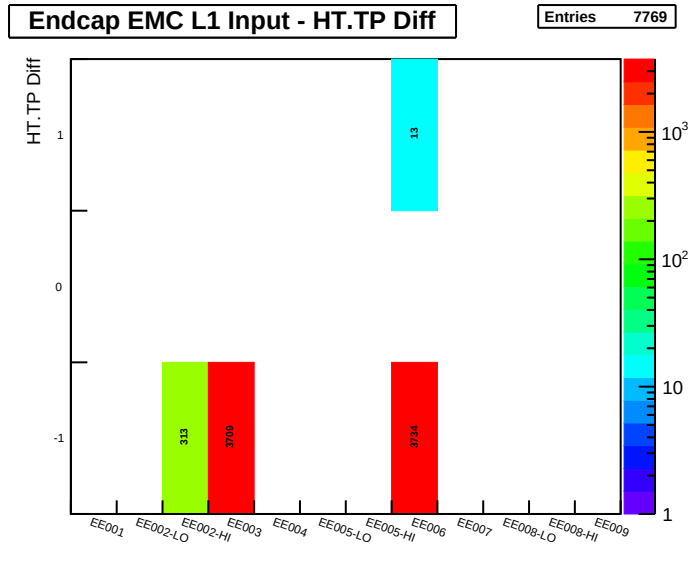

Endcap EMC L1 Input - HT-th0
Entries 2.399999e+07
HT-th0
EE101
EE102
6190 1490 1527 5760 6365 2063 1367 5135 7851 1698 2261 6549
1.99381e+06 1.99851e+06 1.98847e+06 1.99424e+06 1.99363e+06 1.99794e+06 1.99801e+06 1.99486e+06 1.99215e+06 1.9934e+06 1.9978e+06 1.99345e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

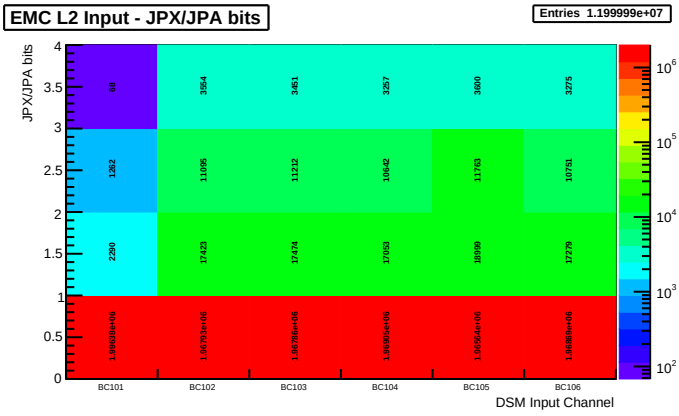

Endcap EMC L1 Input - HT-th0 Diff
Entries 74
HT-th0
EE101
EE102
12
2 31 29
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

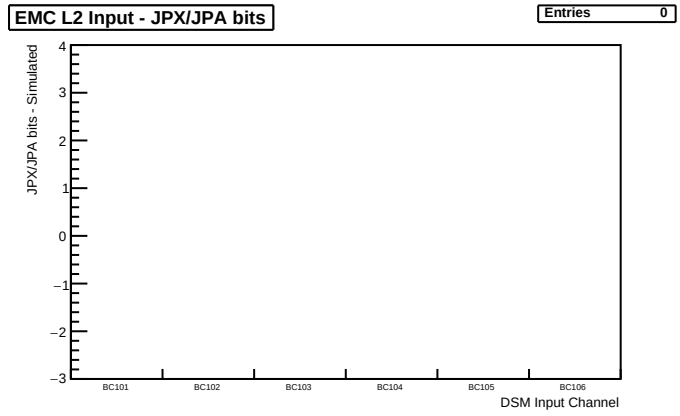

Endcap EMC L1 Input - HT-th1
Entries 2.399999e+07
HT-th1
EE101
EE102
2929 722 724 2337 2999 972 921 2576 3558 712 1094 3185
1.99707e+06 1.99928e+06 1.99928e+06 1.99716e+06 1.997e+06 1.99903e+06 1.99908e+06 1.99742e+06 1.99644e+06 1.99928e+06 1.9989e+06 1.99681e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

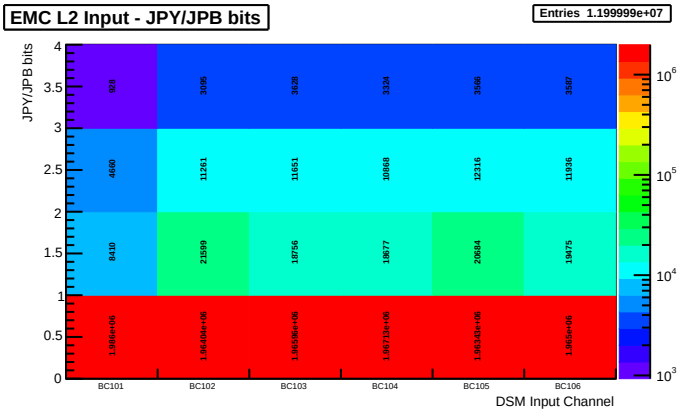

Endcap EMC L1 Input - HT-th1 Diff
Entries 38
HT-th1
EE101
EE102
11
18 9
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

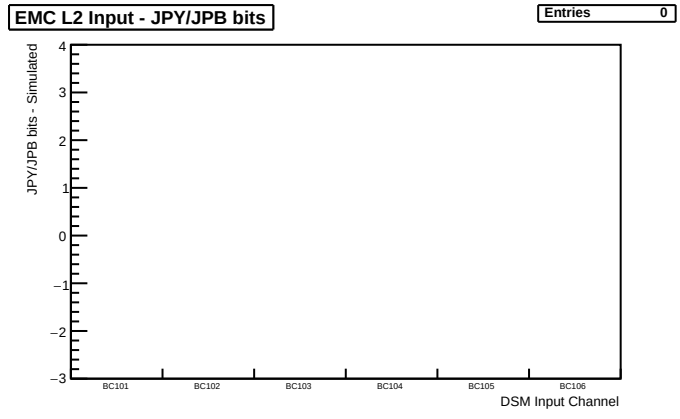

Endcap EMC L1 Input - HT.TP
Entries 2.399999e+07
HT.TP
25177 5630 6106 22060 28419 7596 7515 22292 68415 14853 6128 27702
1.97482e+06 1.99437e+06 1.99380e+06 1.97794e+06 1.97158e+06 1.9924e+06 1.99248e+06 1.97771e+06 1.93158e+06 1.98515e+06 1.99387e+06 1.9723e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

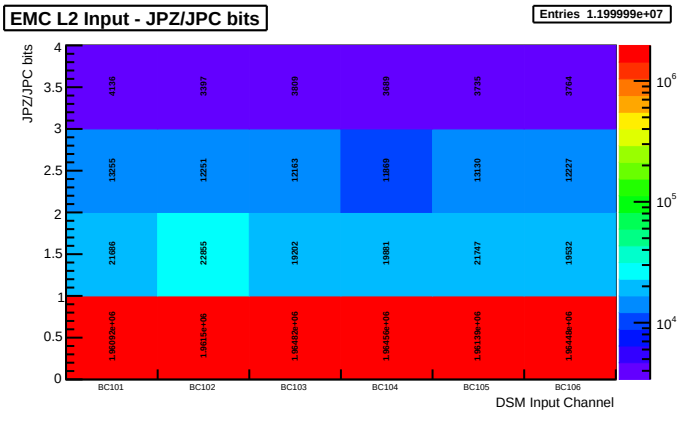

Endcap EMC L1 Input - HT.TP Diff
Entries 7769
HT.TP Diff
13
313 3709 3734
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

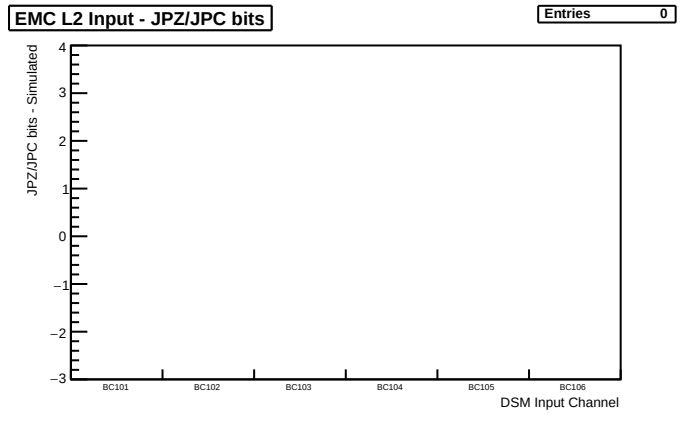

EMC L2 Input - JPX/JPA bits
Entries 1.199999e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

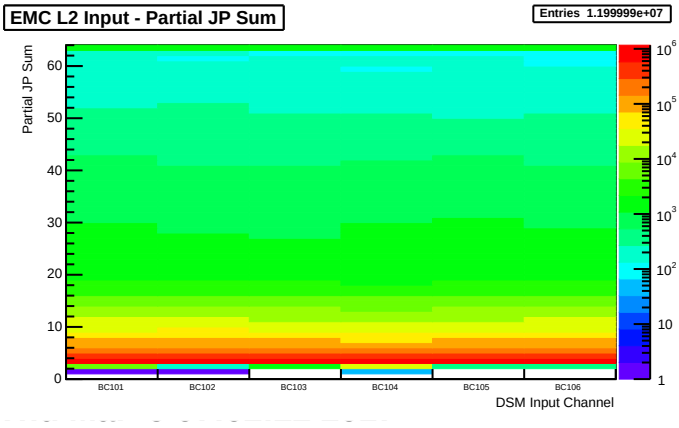

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

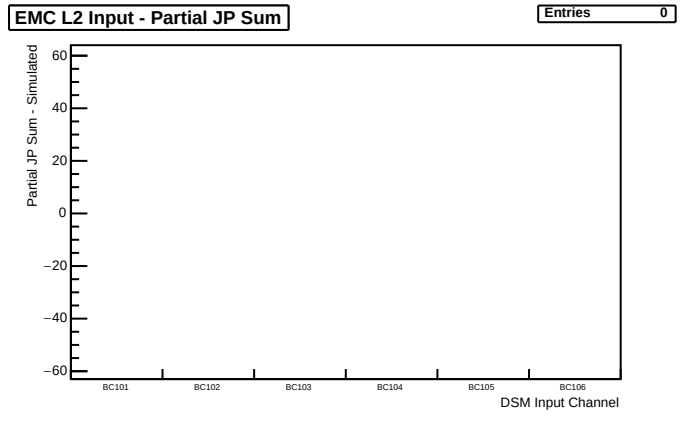

EMC L2 Input - JPY/JPB bits
Entries 1.199999e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

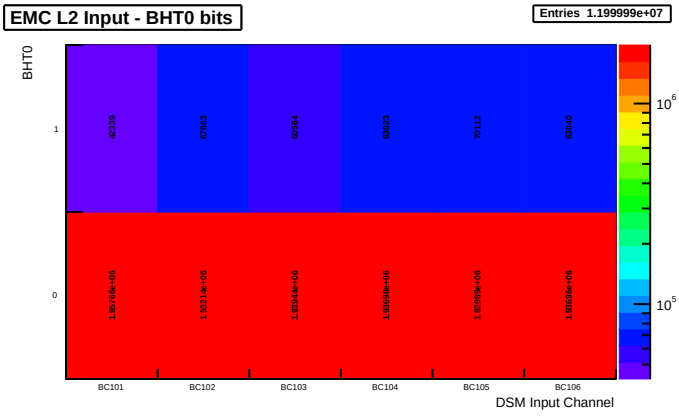

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

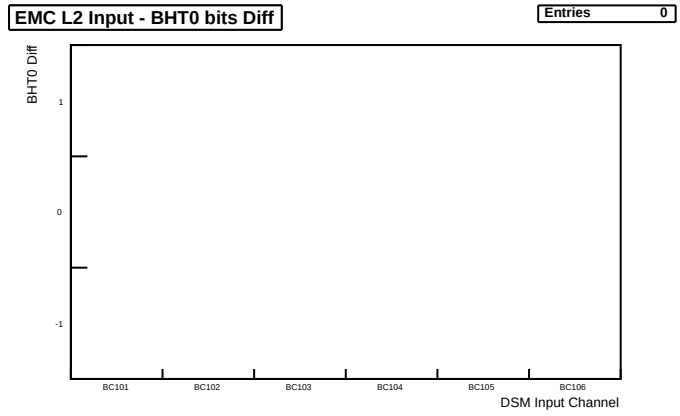

EMC L2 Input - JPZ/JPC bits
Entries 1.199999e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

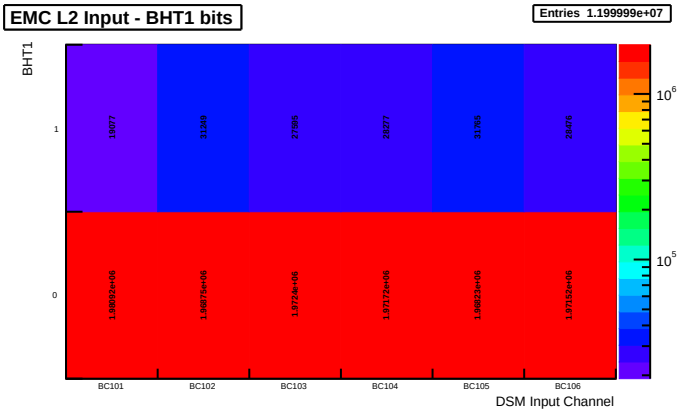

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

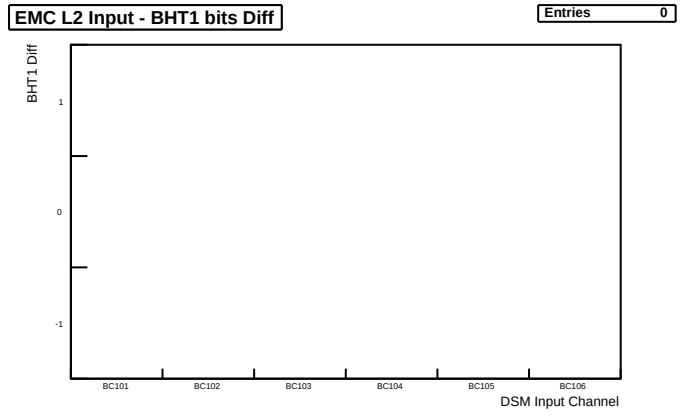

EMC L2 Input - Partial JP Sum
Entries 1.199999e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

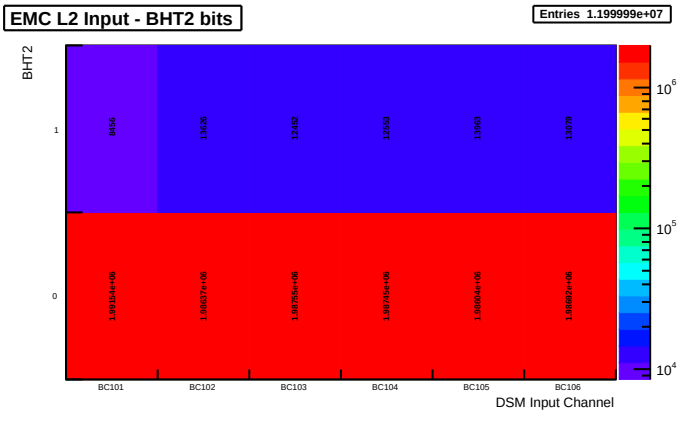

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

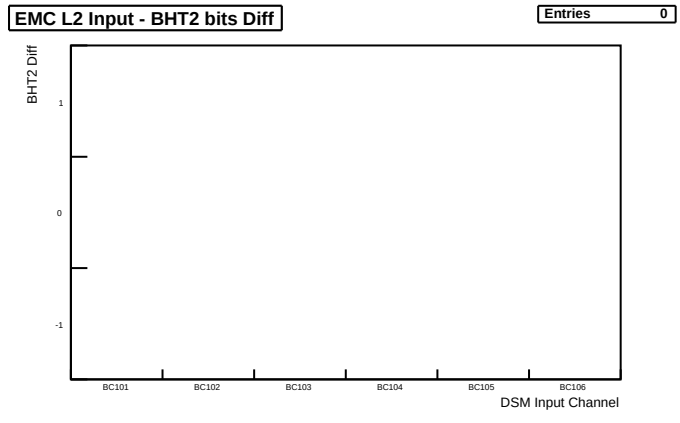

EMC L2 Input - BHT0 bits
Entries 1.199999e+07
BHT0
1
0
42339
67863
66654
63023
70112
63040
1.95769e+06
1.93214e+06
1.93944e+06
1.93698e+06
1.92989e+06
1.93696e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^6$
$10^5$

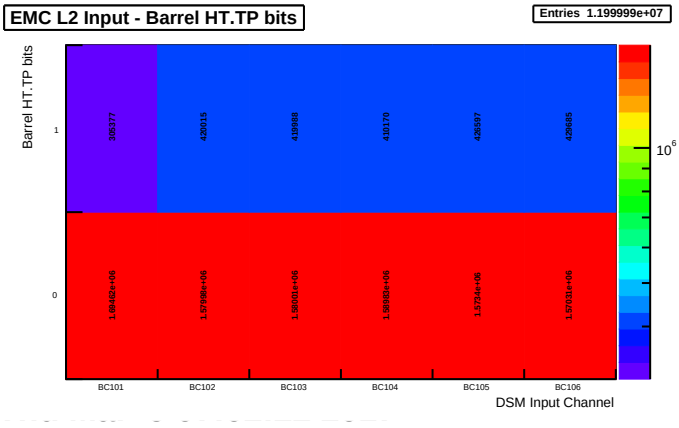

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

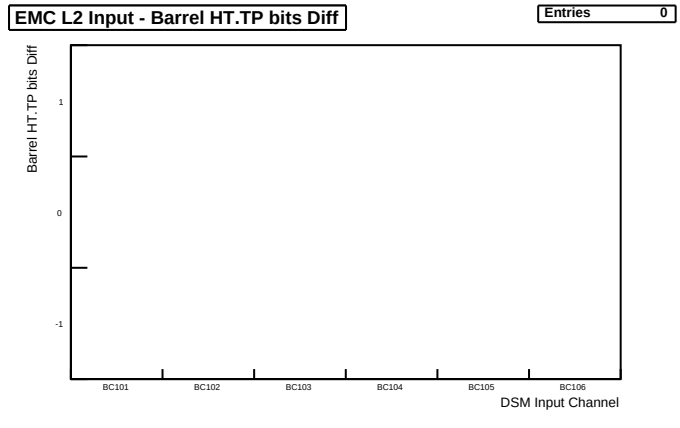

EMC L2 Input - BHT1 bits
Entries 1.199999e+07
BHT1
1
0
13077
31249
27595
29277
31705
25476
1.98992e+06
1.98875e+06
1.97724e+06
1.97172e+06
1.96923e+06
1.97152e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^6$
$10^5$

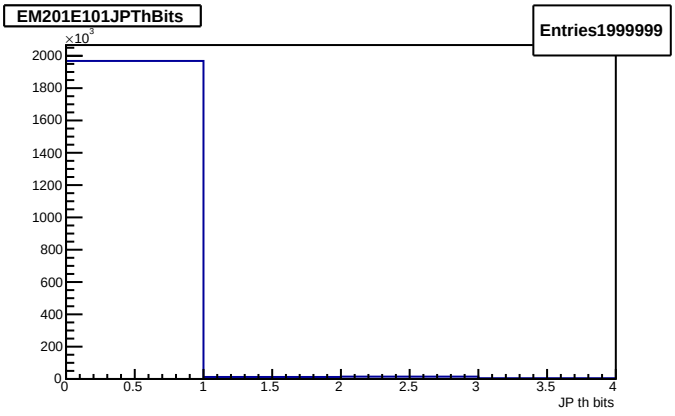

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

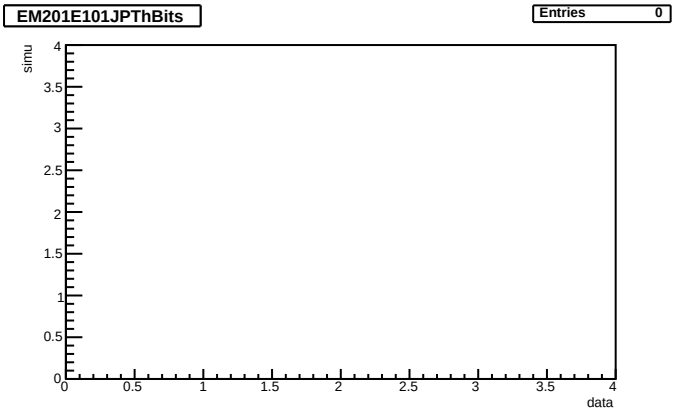

EMC L2 Input - BHT2 bits
Entries 1.199999e+07
BHT2
1
0
8456
13626
12452
12653
13383
13379
1.99154e+06
1.98637e+06
1.98755e+06
1.98745e+06
1.98604e+06
1.98892e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^6$
$10^5$
$10^4$

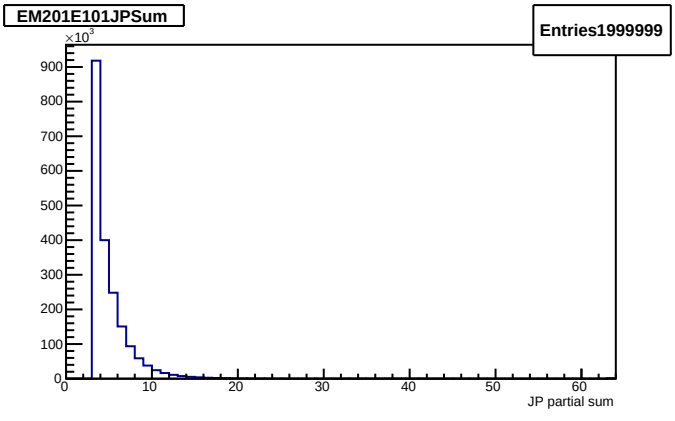

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

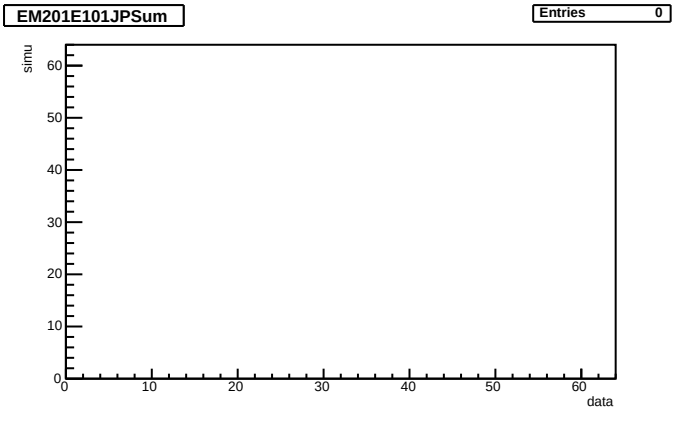

EMC L2 Input - Barrel HT.TP bits
Entries 1.199999e+07
Barrel HT.TP bits
1
0
305377
420015
419988
410170
426597
426685
1.69482e+06
1.57998e+06
1.58001e+06
1.58385e+06
1.57734e+06
1.57031e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^6$

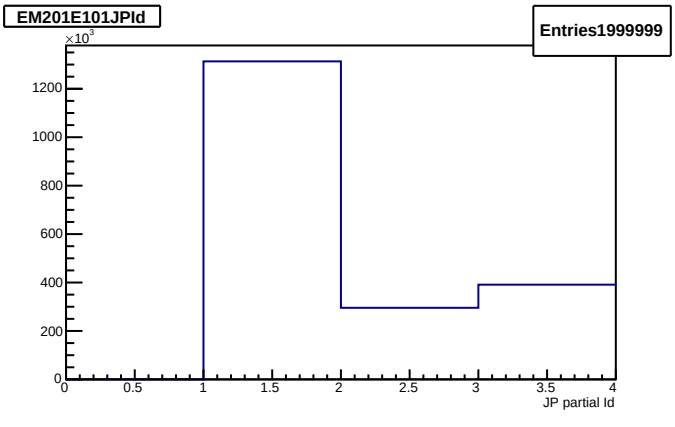

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

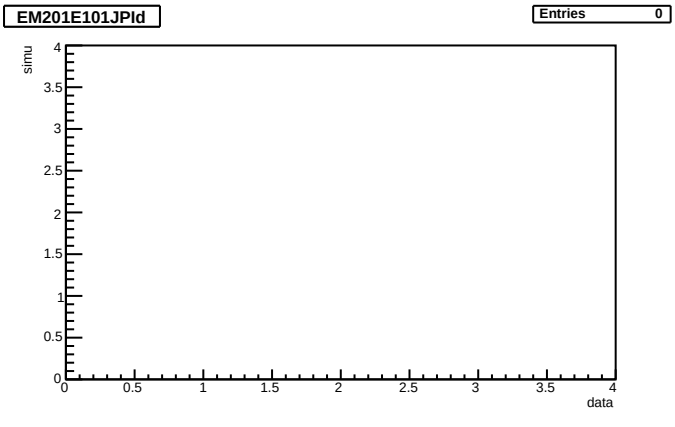

EM201E101JPThBits
Entries1999999
JP th bits

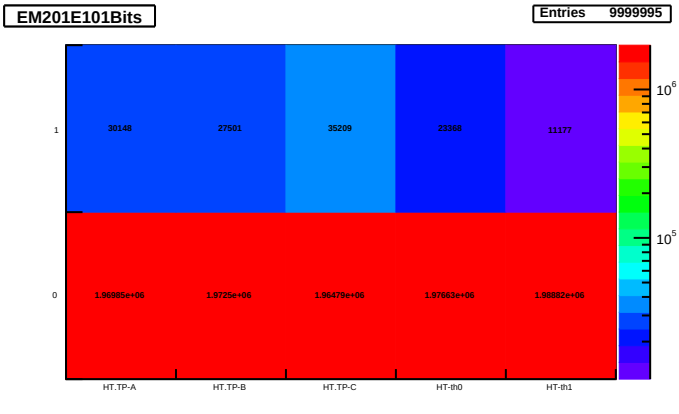

EM201E101JPThBits
Entries 0
simu
data

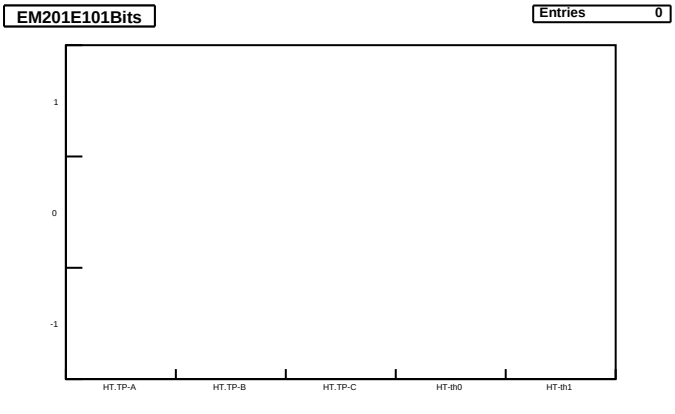

EM201E101JPSum
Entries1999999
JP partial sum

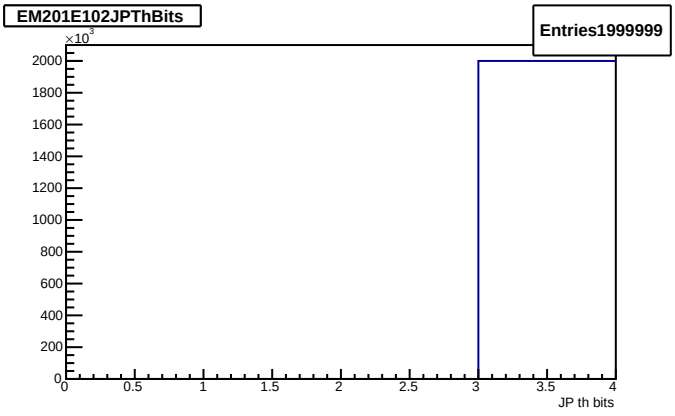

EM201E101JPSum
Entries 0
simu
data

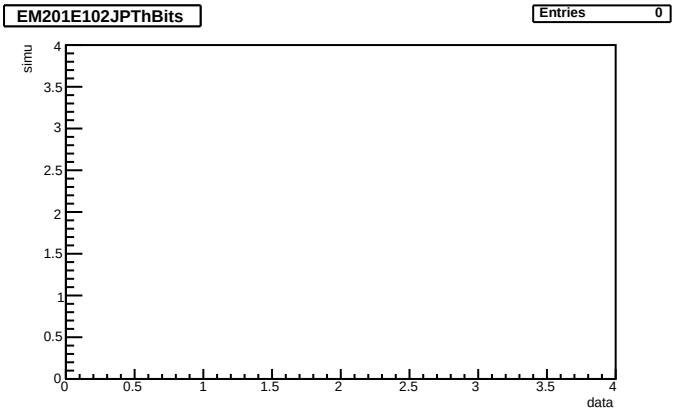

EM201E101JPId
Entries1999999
JP partial Id

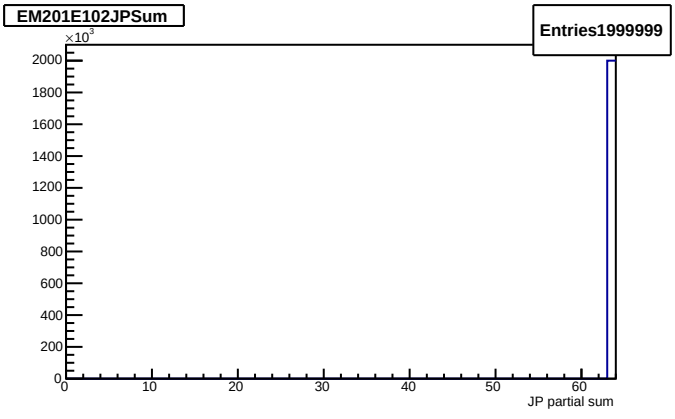

EM201E101JPId
Entries 0
simu
data

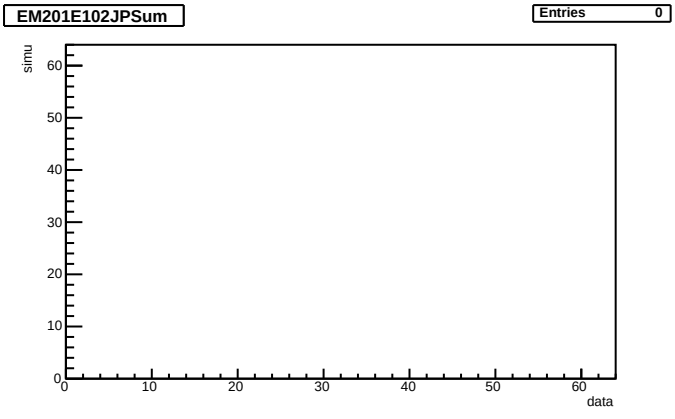

EM201E101Bits
Entries 9999995
30148
27501
35209
23368
11177
1.96985e+06
1.9725e+06
1.96479e+06
1.97663e+06
1.98882e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

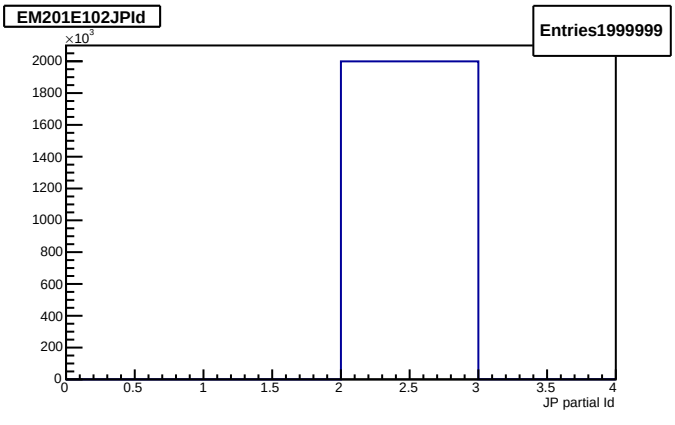

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

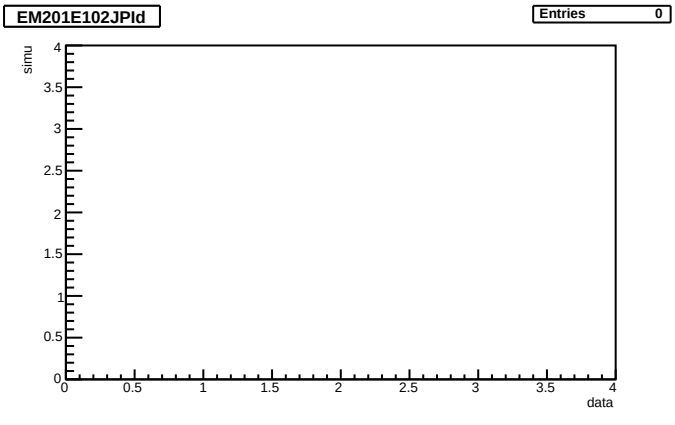

EM201E102JPThBits
Entries1999999
JP th bits

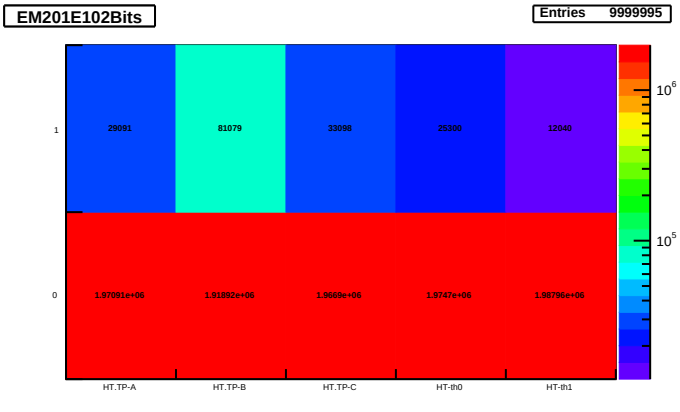

EM201E102JPThBits
Entries 0
simu
data

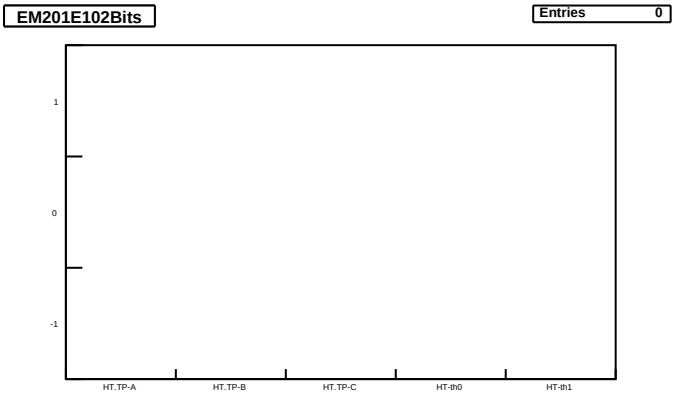

EM201E102JPSum
Entries1999999
JP partial sum

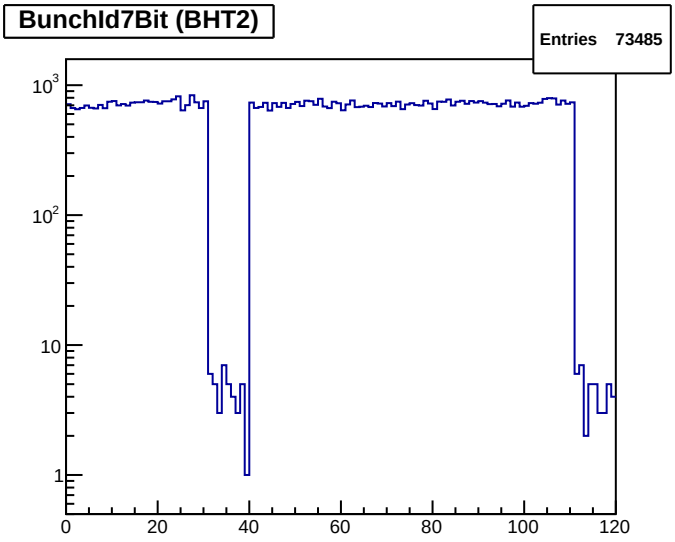

EM201E102JPSum
Entries 0
simu
data

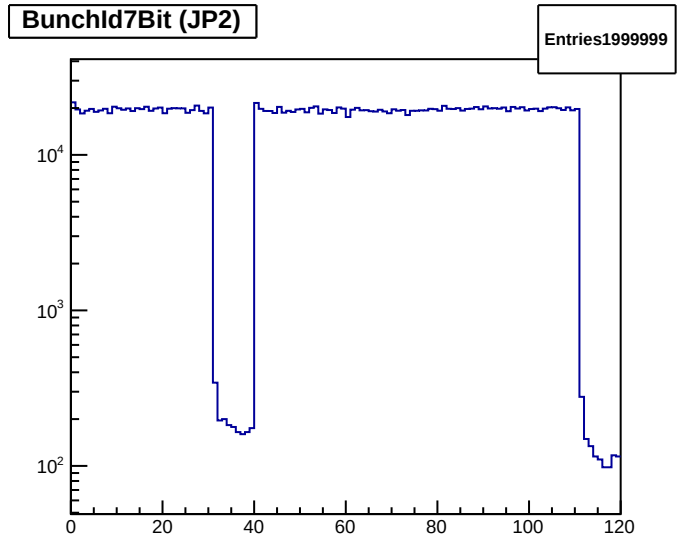

EM201E102JPId
Entries1999999
JP partial Id

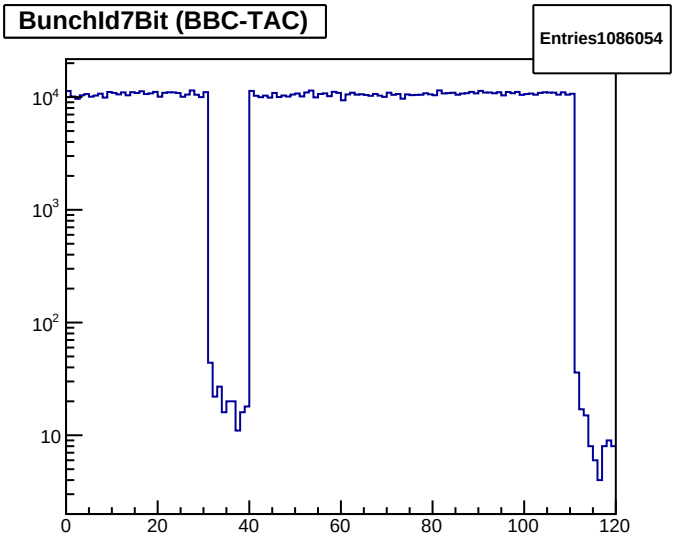

EM201E102JPId
Entries 0
simu
data

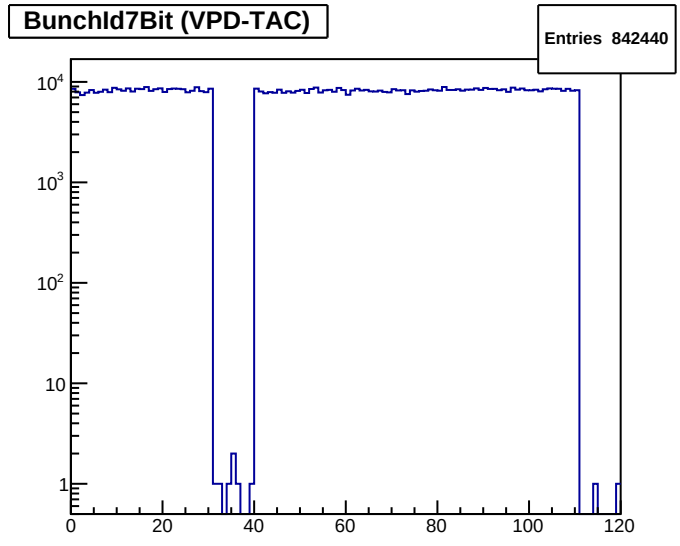

EM201E102Bits
Entries 9999995
29091
81079
33098
25300
12040
1.97091e+06
1.91892e+06
1.9669e+06
1.9747e+06
1.98796e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

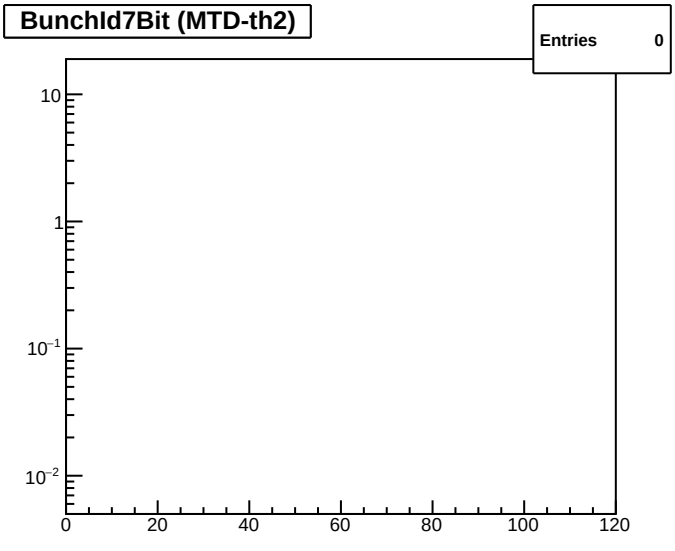

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

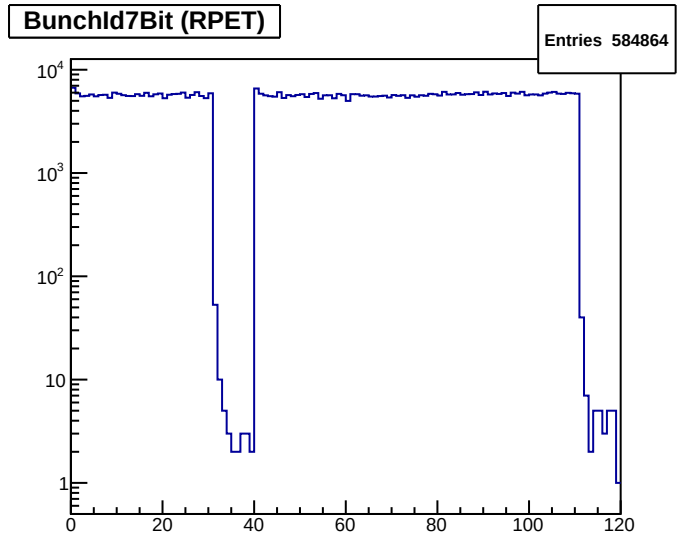

BunchId7Bit (BHT2)
Entries 73485

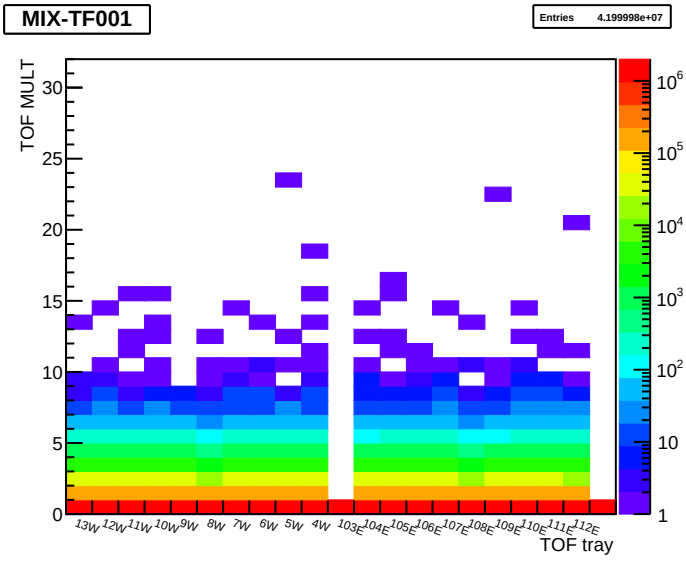

BunchId7Bit (JP2)
Entries1999999

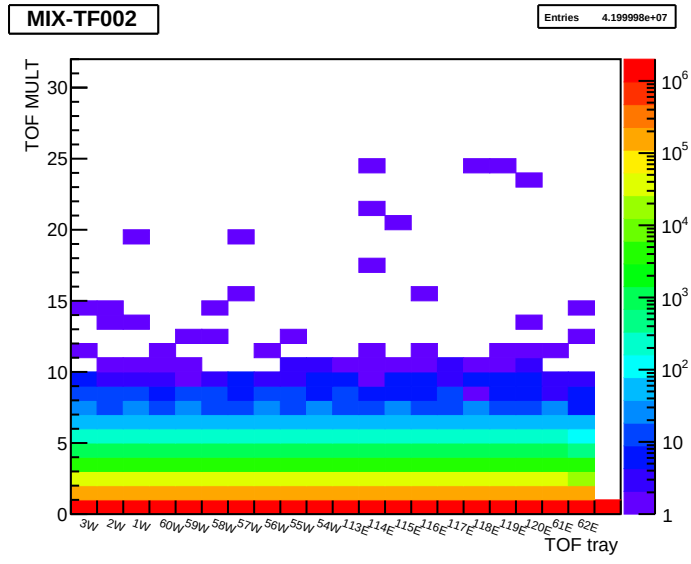

BunchId7Bit (BBC-TAC)
Entries1086054

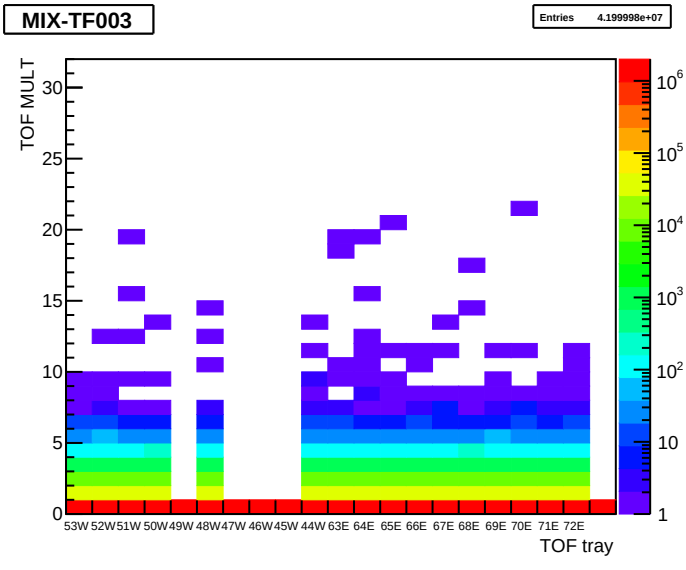

BunchId7Bit (VPD-TAC)
Entries 842440

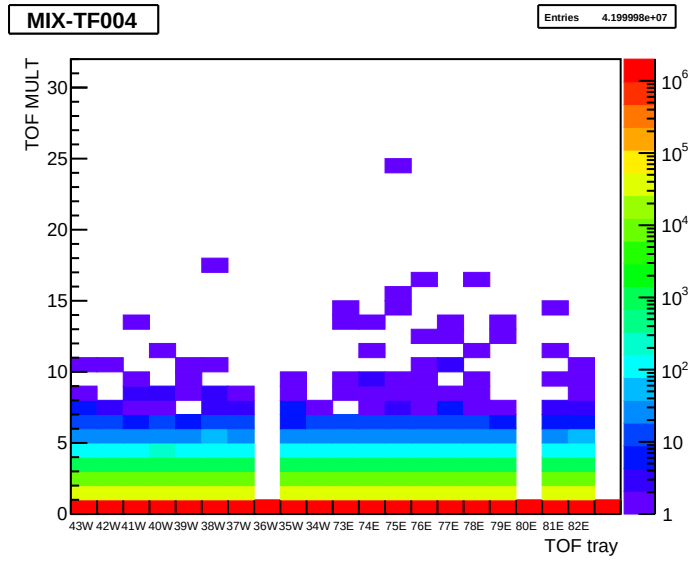

BunchId7Bit (MTD-th2)
Entries 0

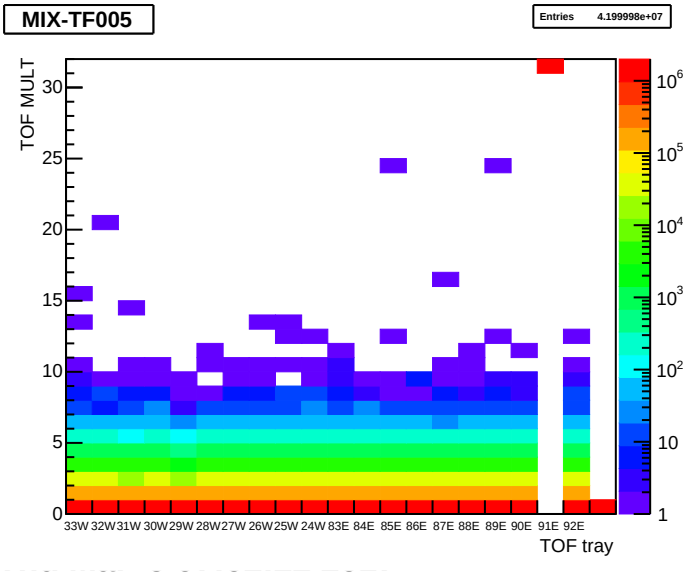

BunchId7Bit (RPET)
Entries 584864

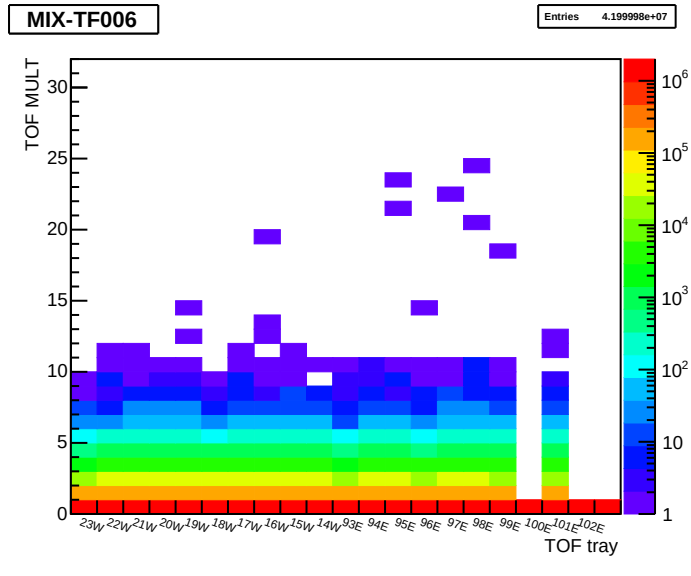

MIX-TF001
Entries 4.199998e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

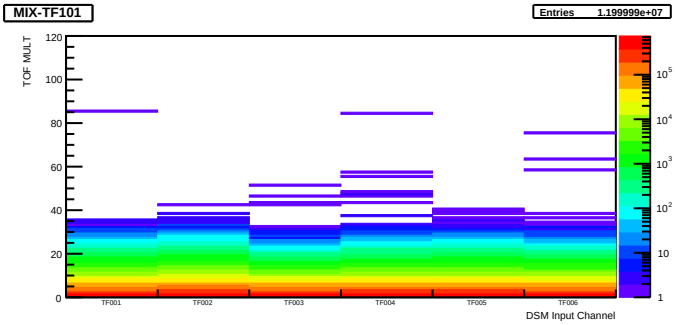

MIX-TF002
Entries 4.199998e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

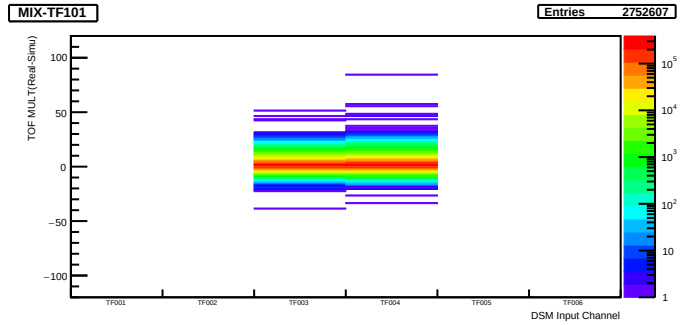

MIX-TF003
Entries 4.199998e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

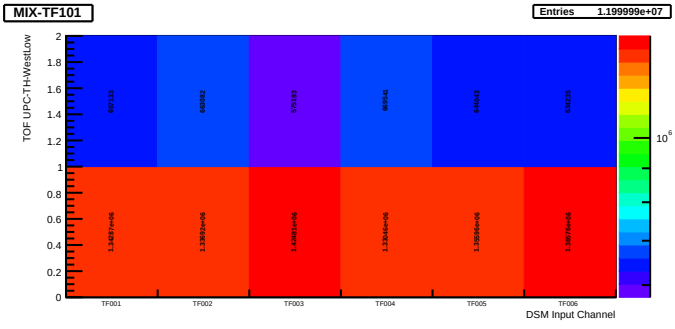

MIX-TF004
Entries 4.199998e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

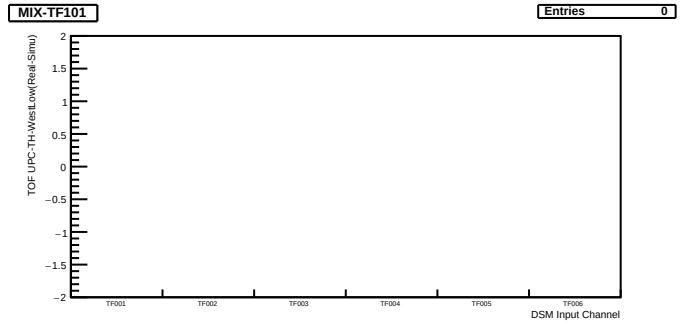

MIX-TF005
Entries 4.199998e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

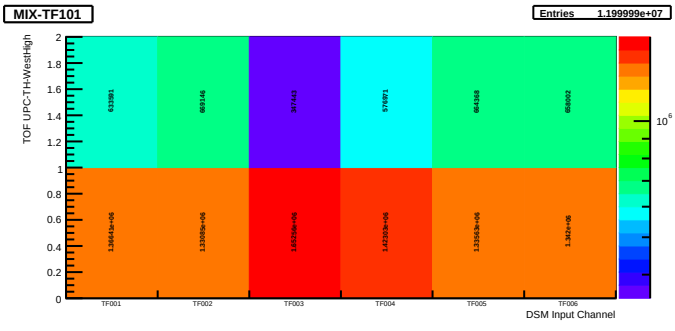

MIX-TF006
Entries 4.199998e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

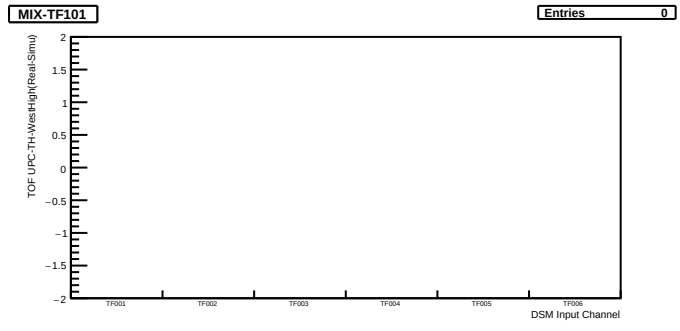

MIX-TF101
Entries 1.199999e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

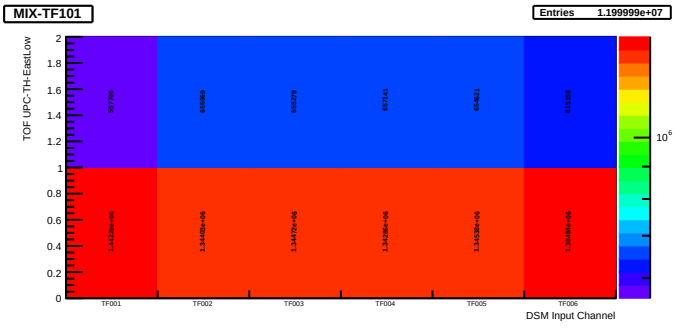

MIX-TF101
Entries 2752607
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

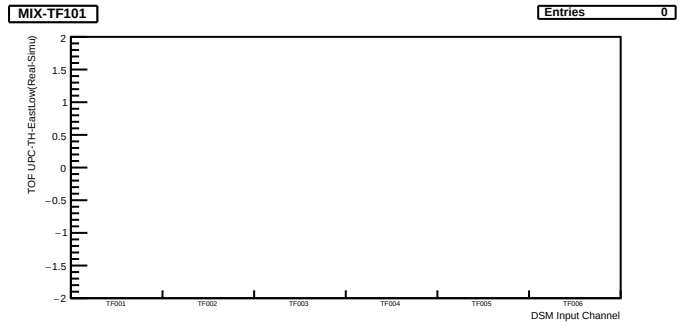

MIX-TF101
Entries 1.199999e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

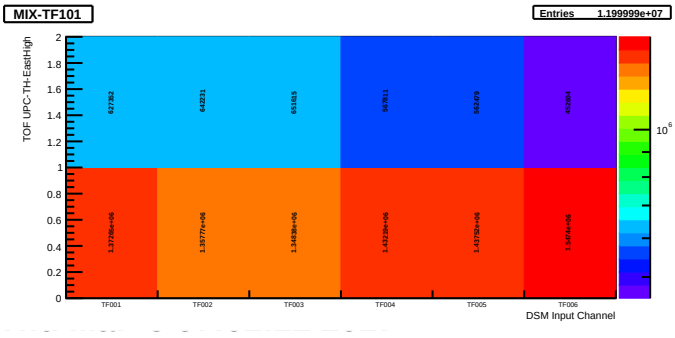

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

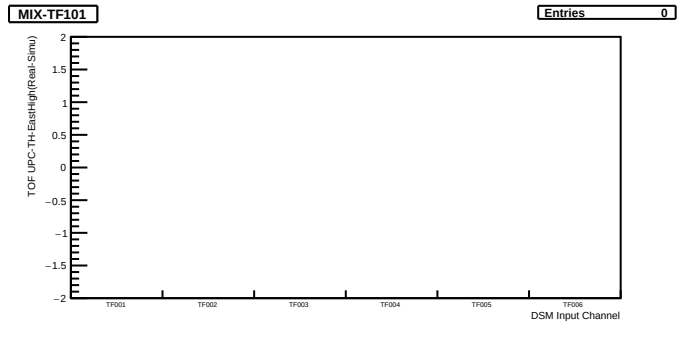

MIX-TF101
Entries 1.199999e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

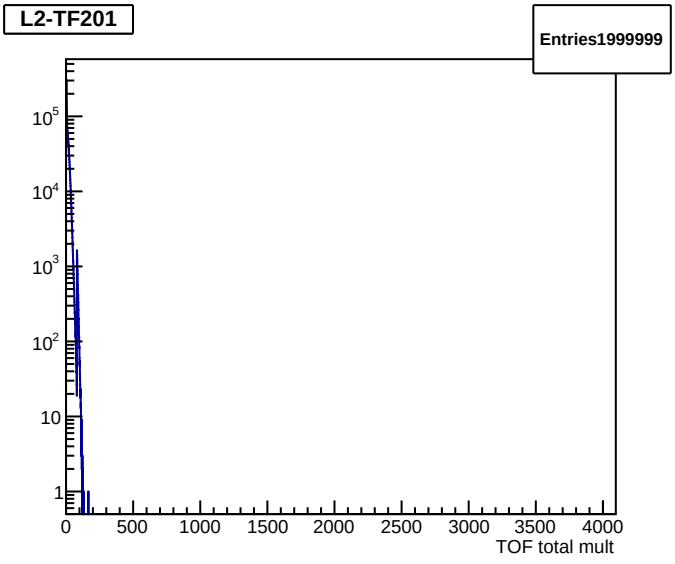

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

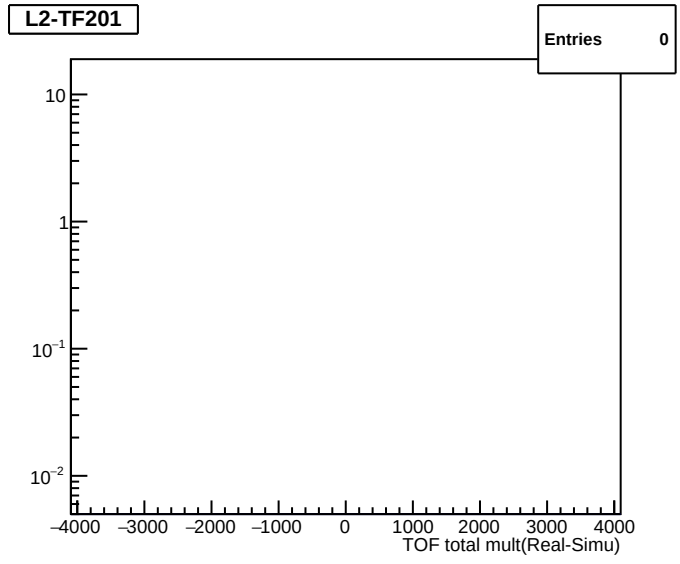

MIX-TF101
Entries 1.199999e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

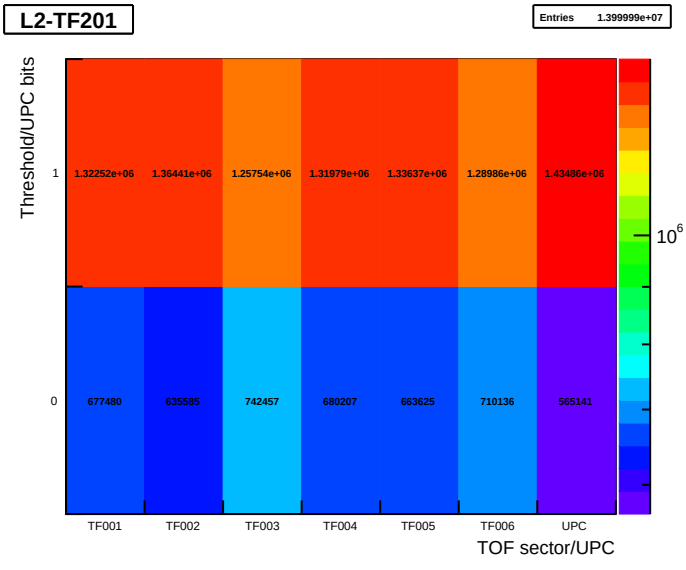

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

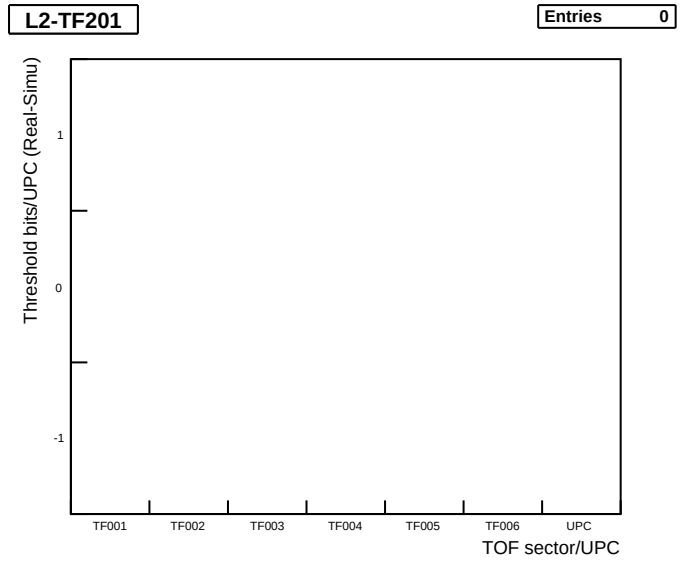

MIX-TF101
Entries 1.199999e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

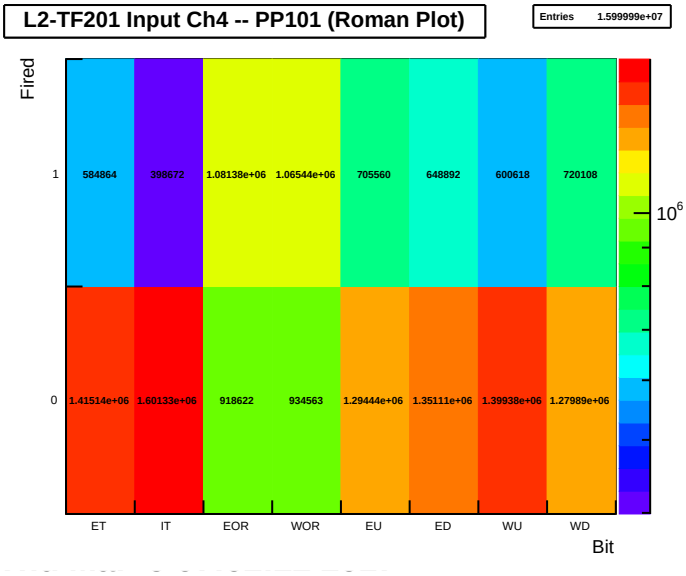

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

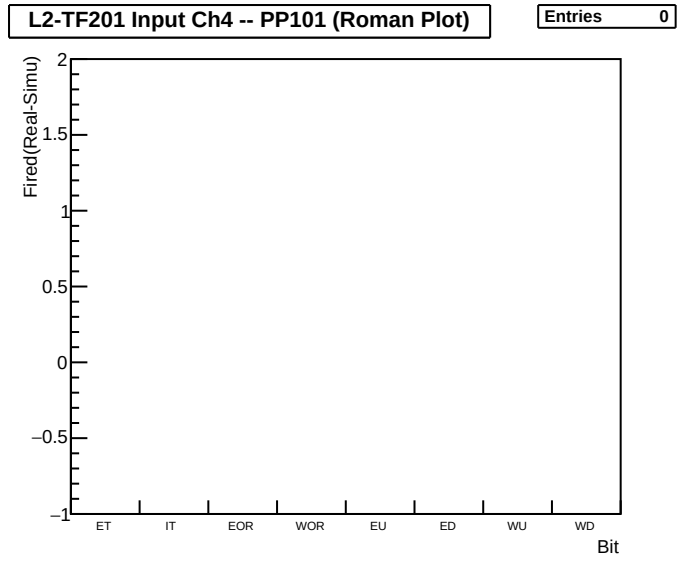

L2-TF201
Entries1999999
TOF total mult

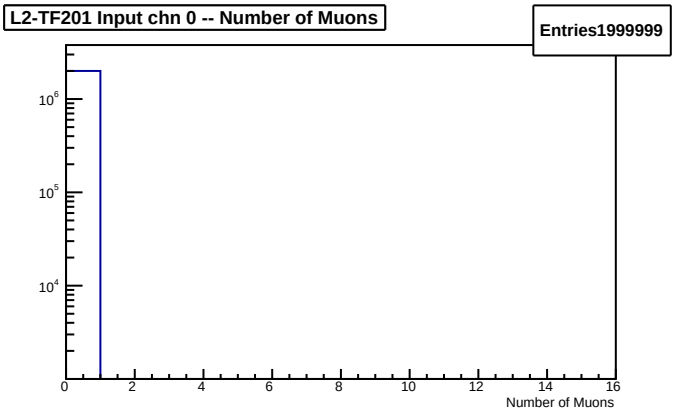

L2-TF201
Entries 0
TOF total mult(Real-Simu)

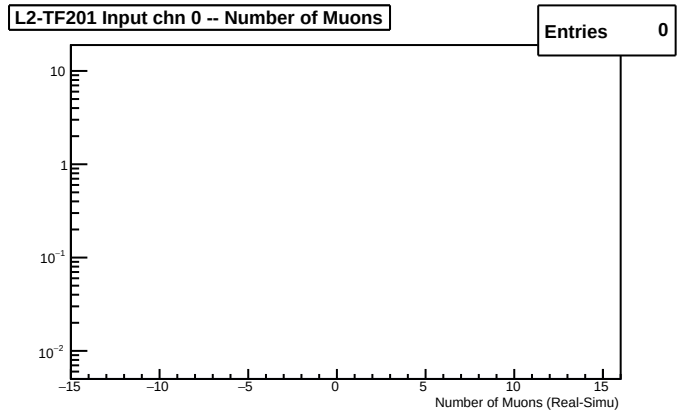

L2-TF201
Entries 1.399999e+07
Threshold/UPC bits
1.32252e+06
1.36441e+06
1.25754e+06
1.31979e+06
1.33637e+06
1.28986e+06
1.43486e+06
677480
635585
742457
680207
663625
710136
565141
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

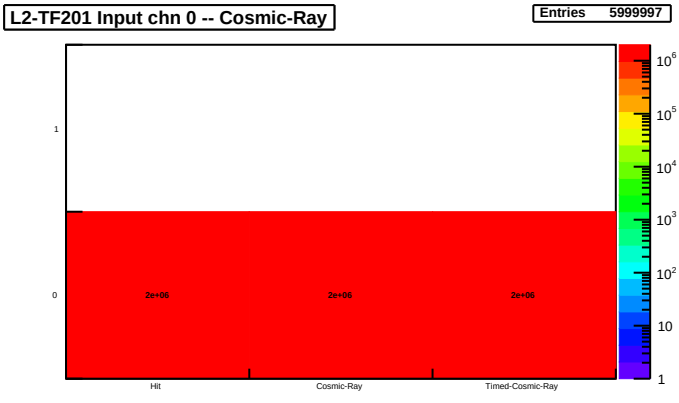

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

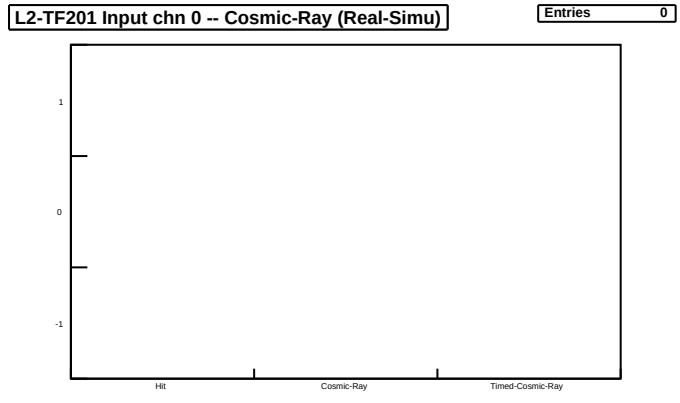

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.599999e+07
Fired
584864
398672
1.08138e+06
1.06544e+06
705560
648892
600618
720108
1.41514e+06
1.60133e+06
918622
934563
1.29444e+06
1.35111e+06
1.39938e+06
1.27989e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

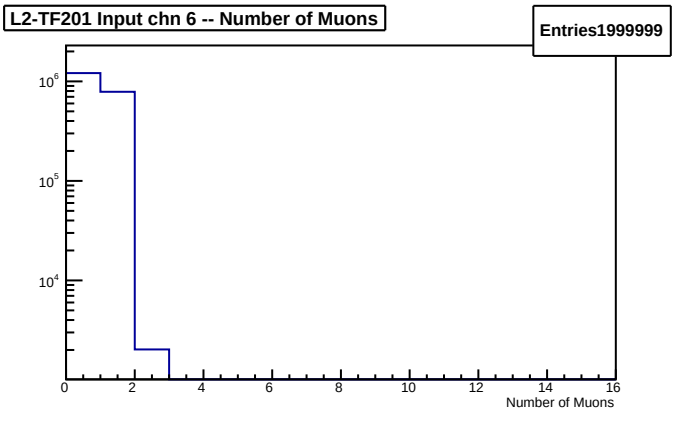

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

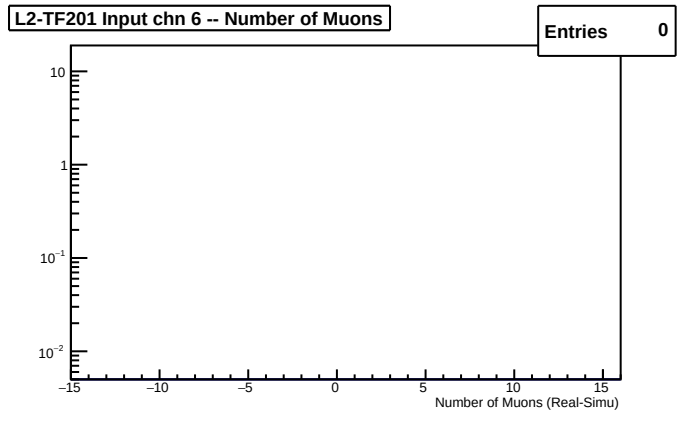

L2-TF201 Input chn 0 -- Number of Muons
Entries1999999
Number of Muons

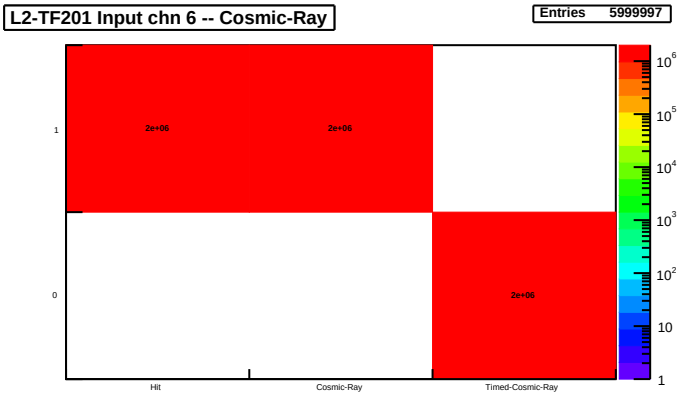

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

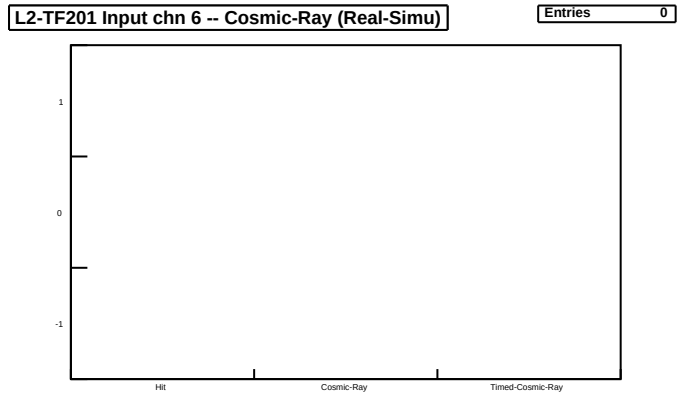

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 5999997
2e+06
2e+06
2e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

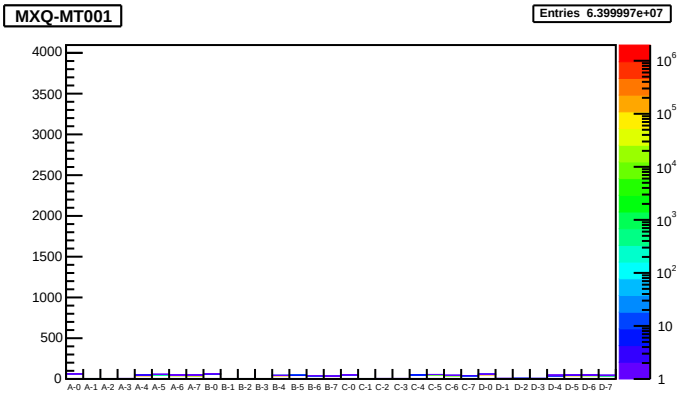

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

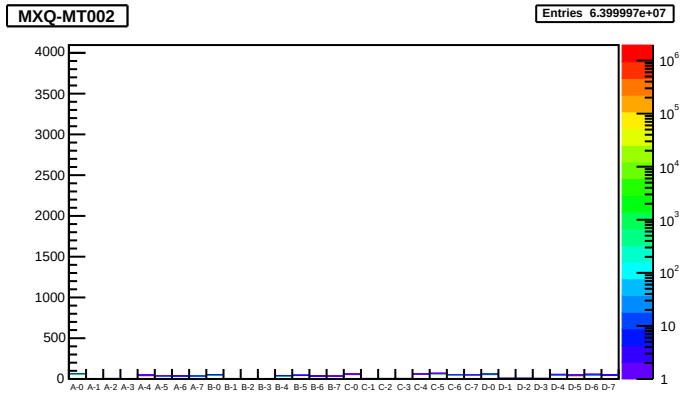

L2-TF201 Input chn 6 -- Number of Muons
Entries1999999
Number of Muons

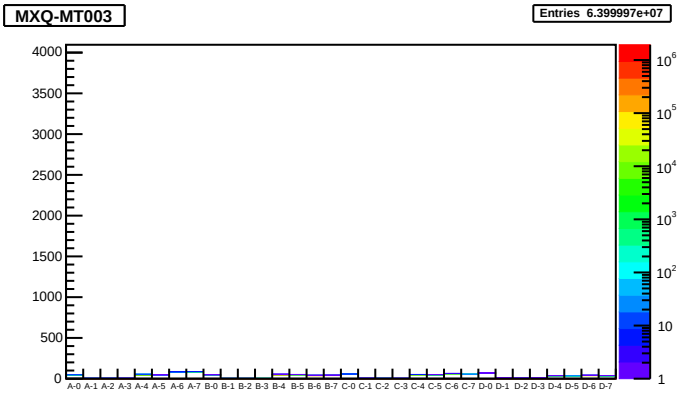

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

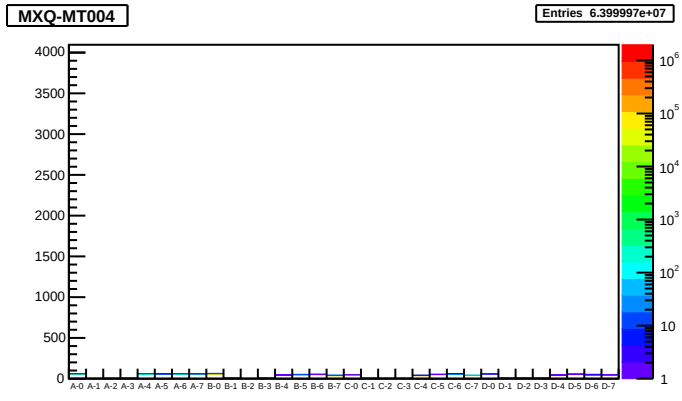

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 5999997
2e+06
2e+06
2e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

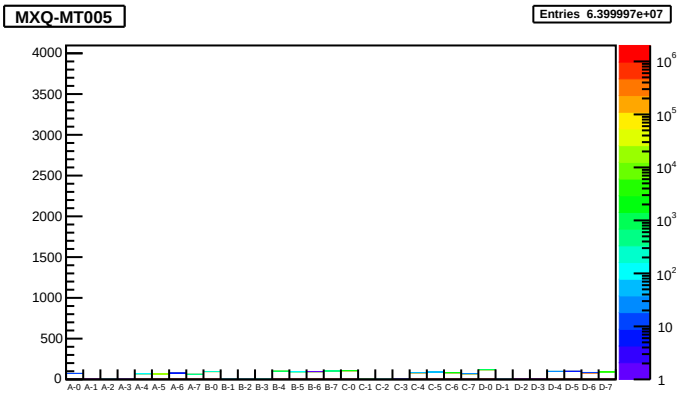

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

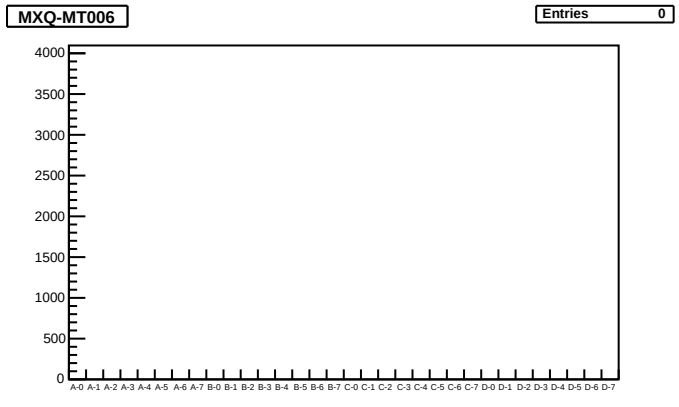

MXQ-MT001
Entries 6.399997e+07

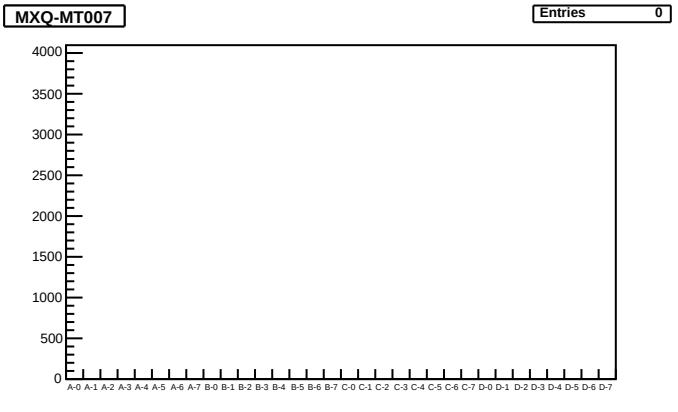

MXQ-MT002
Entries 6.399997e+07

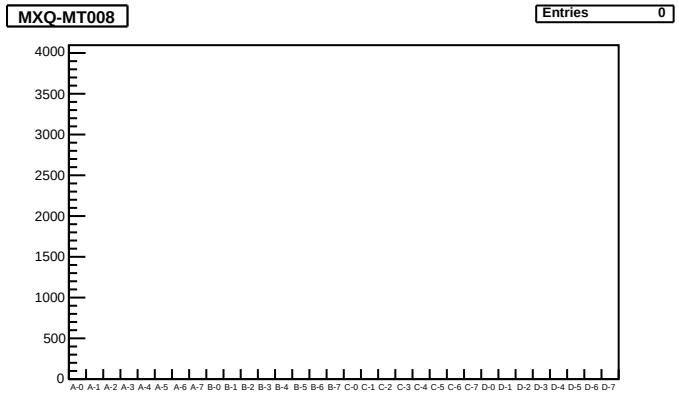

MXQ-MT003
Entries 6.399997e+07

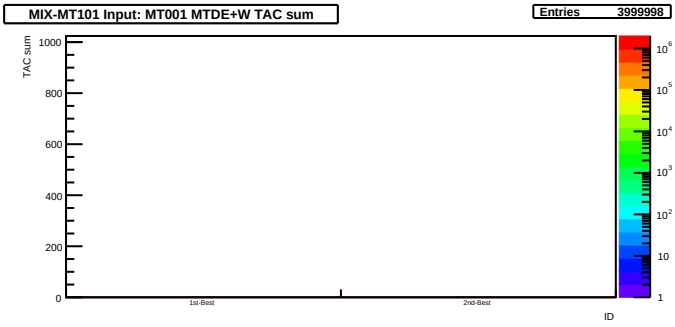

MXQ-MT004
Entries 6.399997e+07

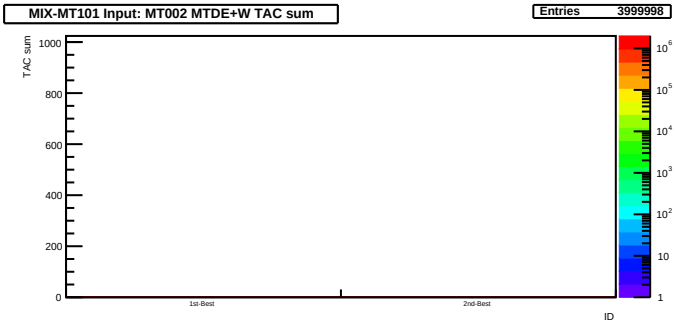

MXQ-MT005
Entries 6.399997e+07

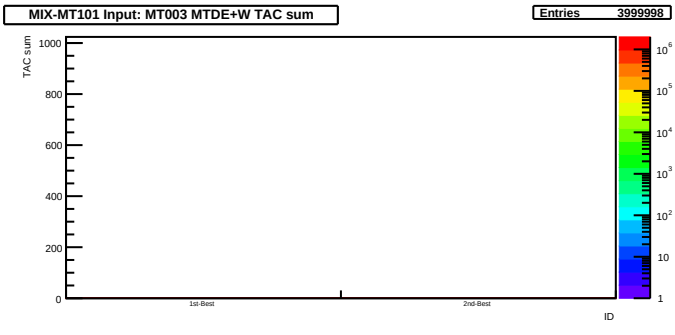

MXQ-MT006
Entries 0

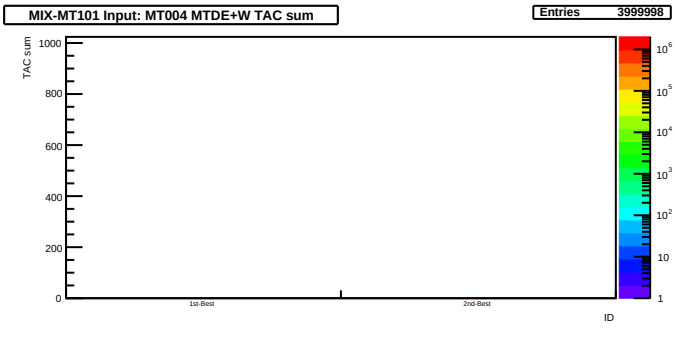

MXQ-MT007
Entries 0

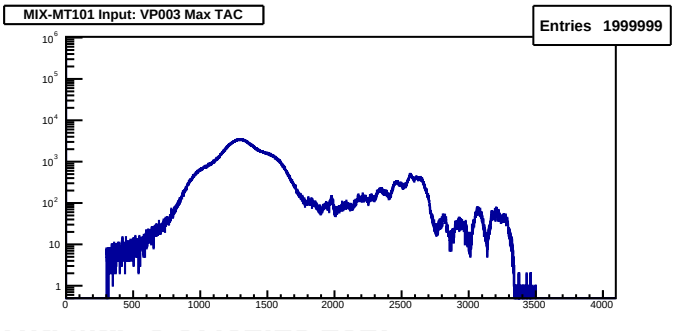

MXQ-MT008
Entries 0

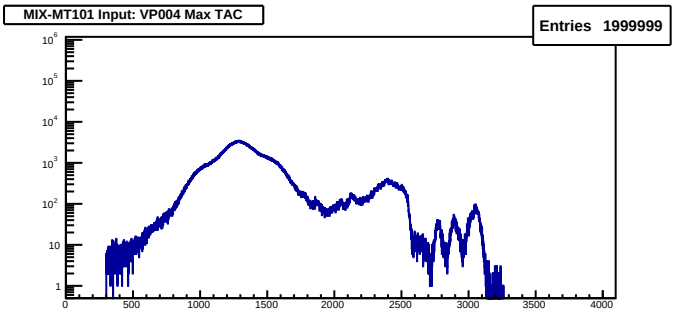

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3999998
TAC sum
1st-Best
2nd-Best
ID

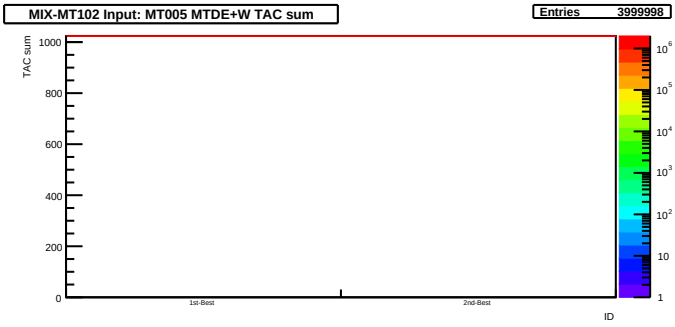

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3999998
TAC sum
1st-Best
2nd-Best
ID

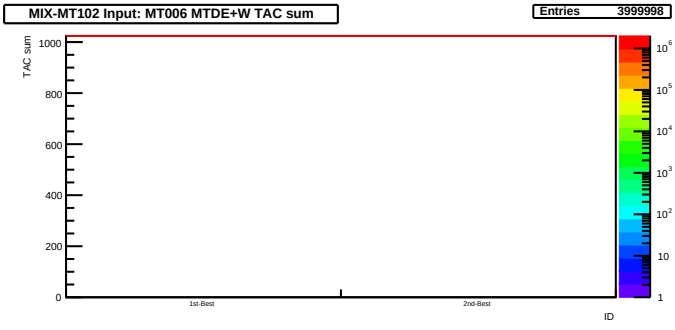

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 3999998
TAC sum
1st-Best
2nd-Best
ID

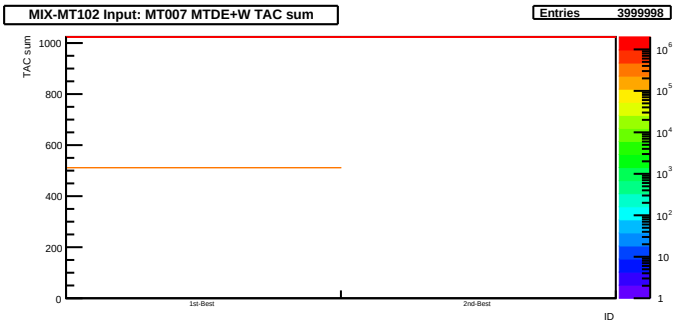

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 3999998
TAC sum
1st-Best
2nd-Best
ID

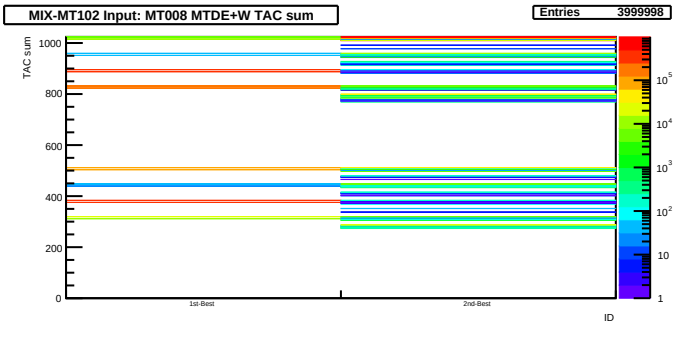

MIX-MT101 Input: VP003 Max TAC
Entries 1999999

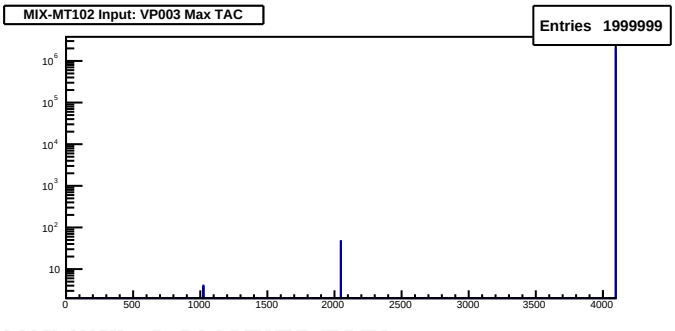

MIX-MT101 Input: VP004 Max TAC
Entries 1999999

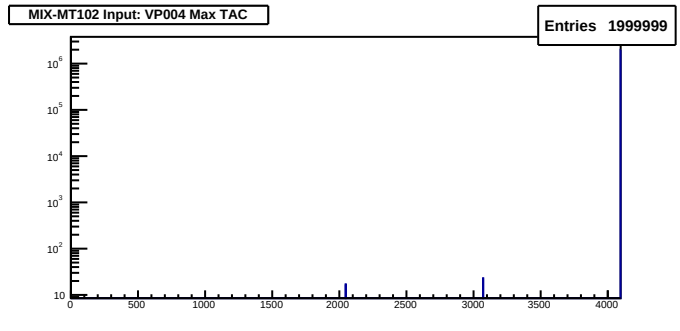

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 3999998
TAC sum
1st-Best
2nd-Best
ID

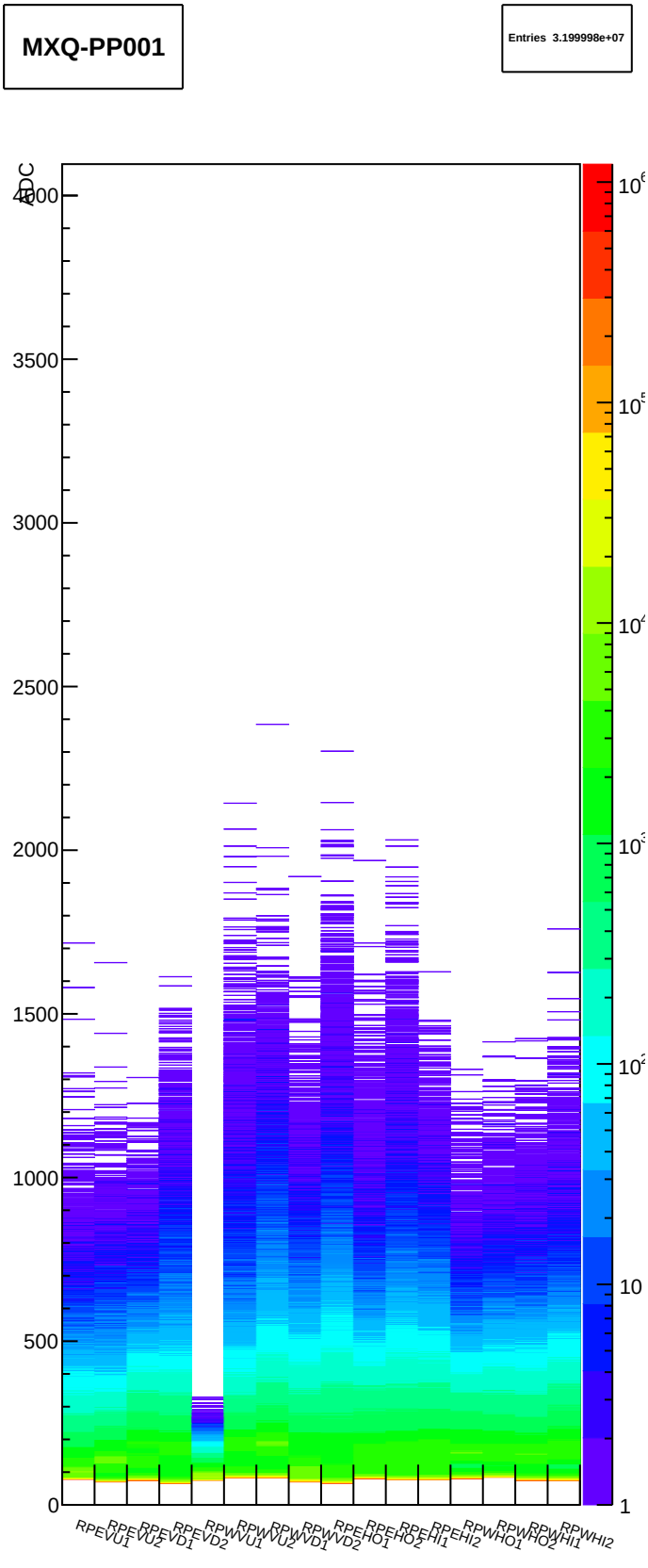

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 3999998
TAC sum
1st-Best
2nd-Best
ID

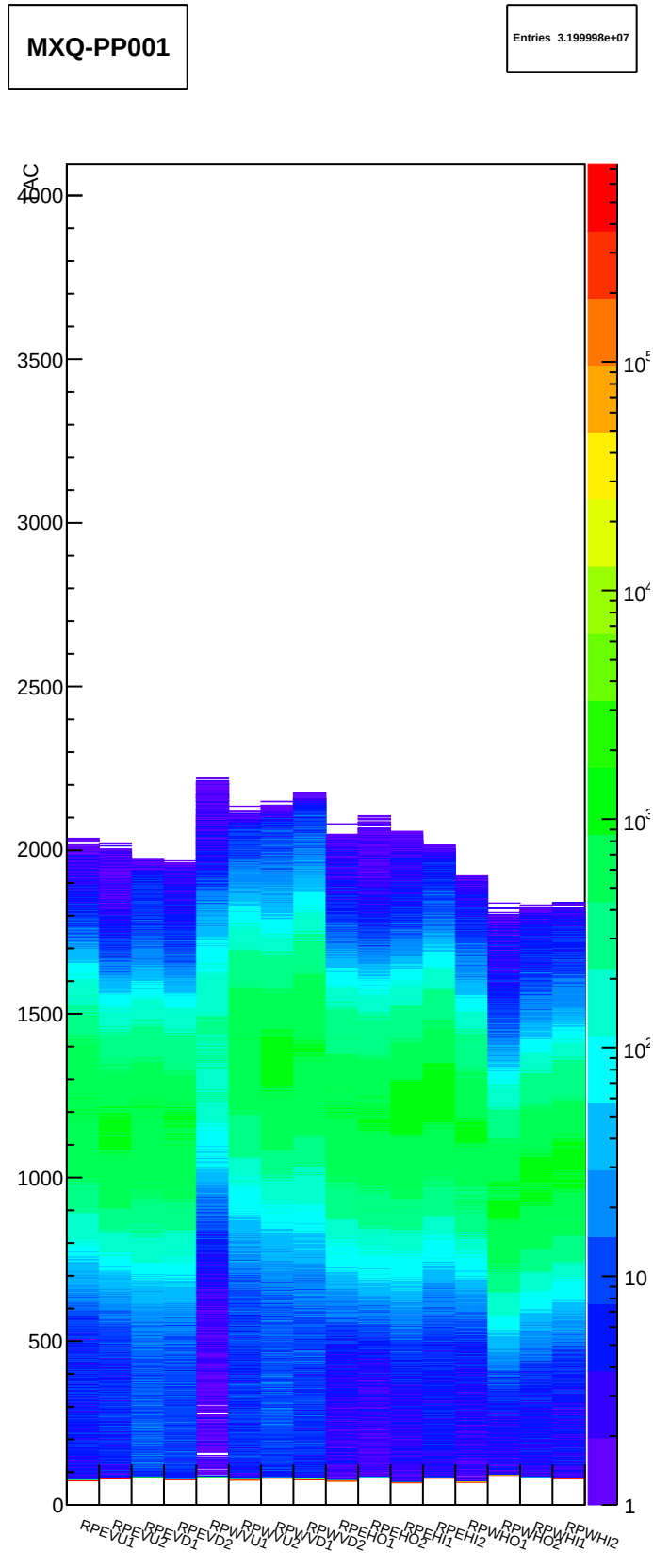

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 3999998
TAC sum
1st-Best
2nd-Best
ID

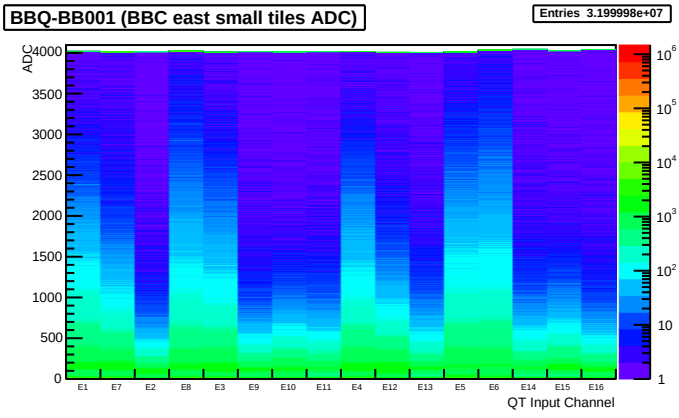

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 3999998
TAC sum
1st-Best
2nd-Best
ID

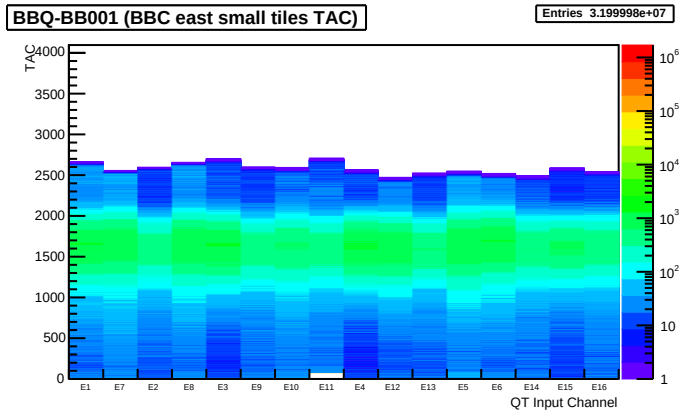

MIX-MT102 Input: VP003 Max TAC
Entries 1999999

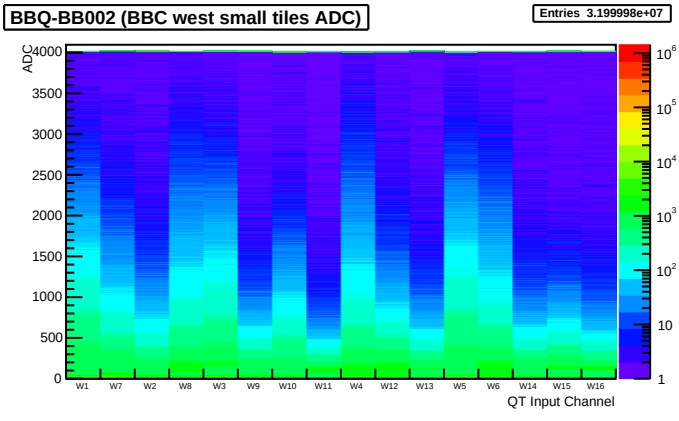

MIX-MT102 Input: VP004 Max TAC
Entries 1999999

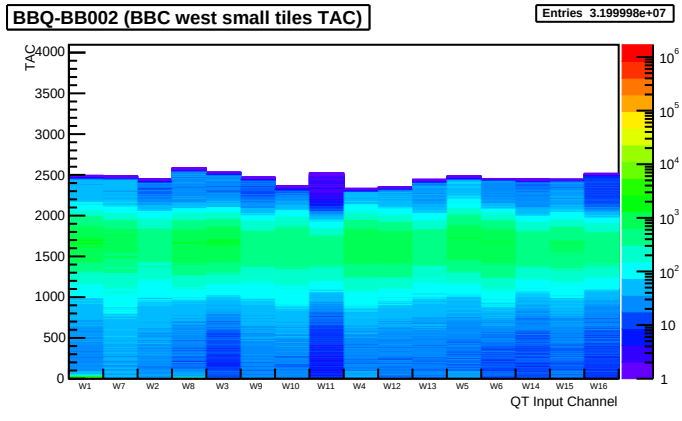

MXQ-PP001
Entries 3.199998e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

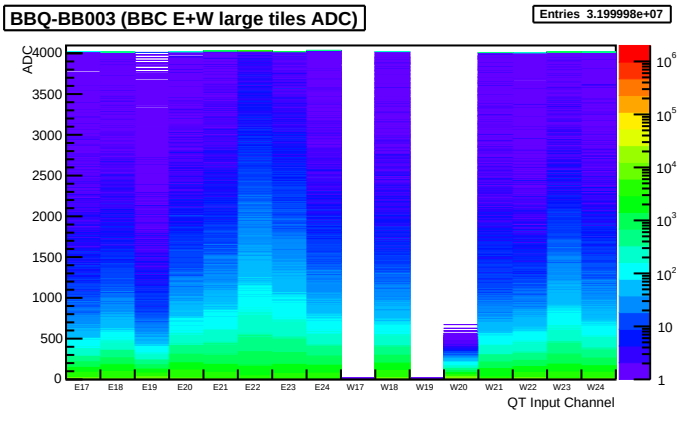

MXQ-PP001
Entries 3.199998e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

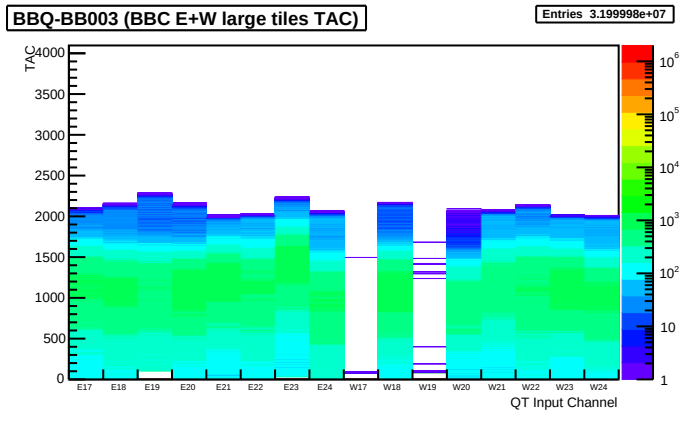

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.199998e+07
ADC
QT Input Channel

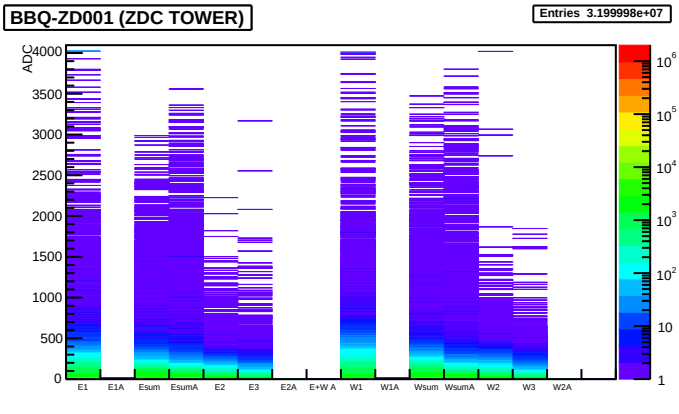

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.199998e+07
TAC
QT Input Channel

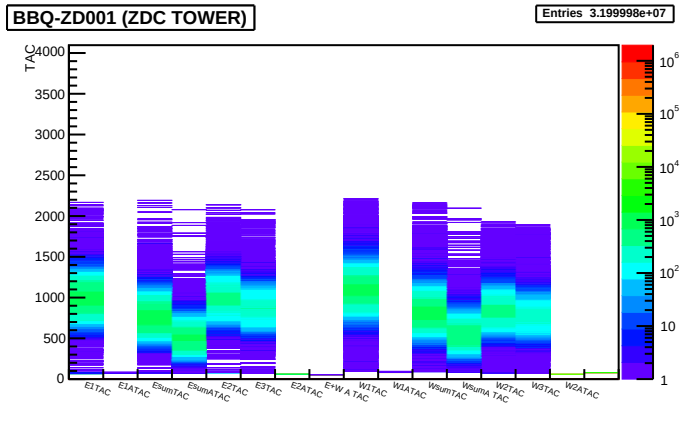

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.199998e+07
ADC
QT Input Channel

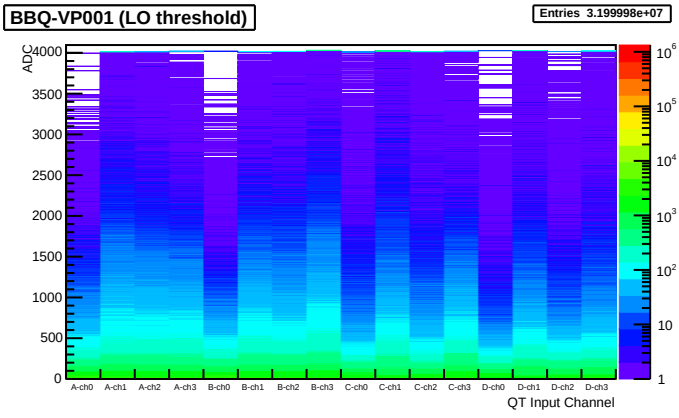

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.199998e+07
TAC
QT Input Channel

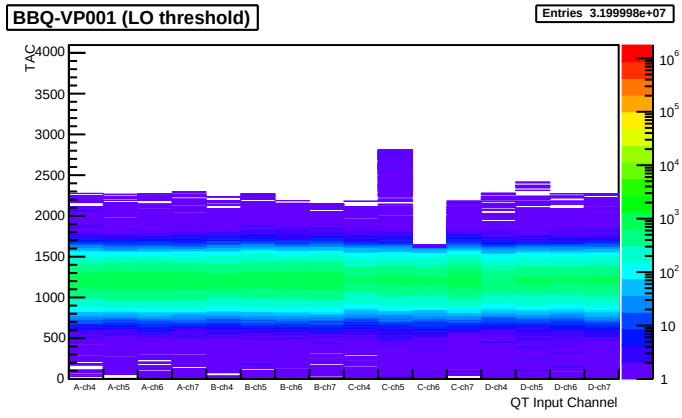

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.199998e+07
ADC
QT Input Channel

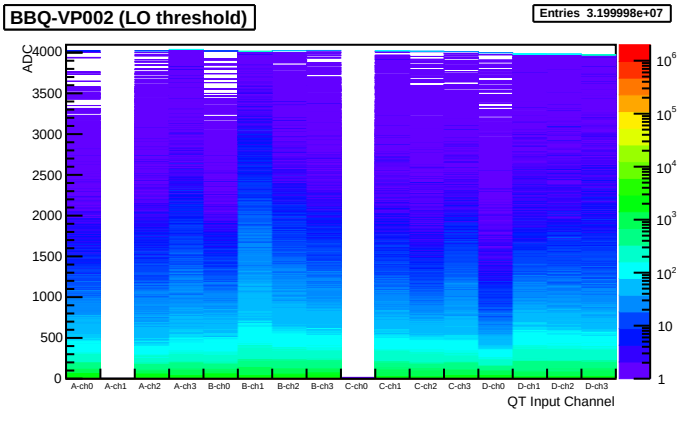

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.199998e+07
TAC
QT Input Channel

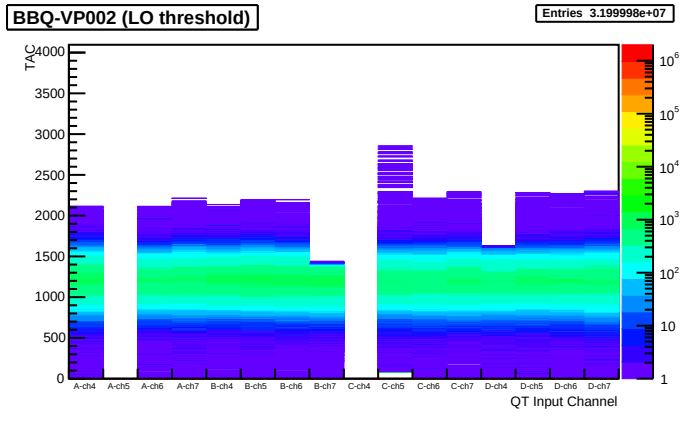

BBQ-ZD001 (ZDC TOWER)
Entries 3.199998e+07
ADC

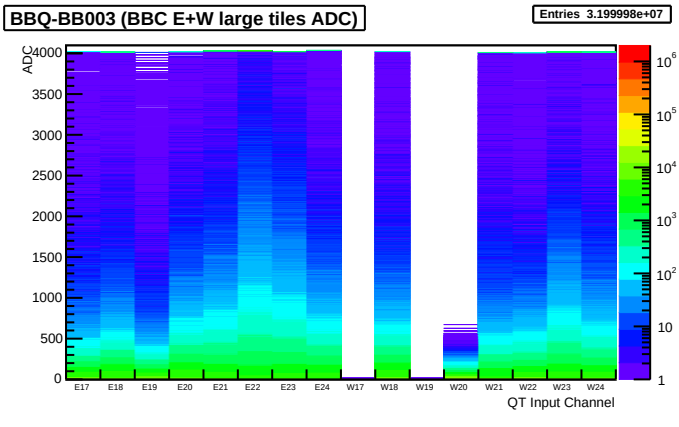

BBQ-ZD001 (ZDC TOWER)
Entries 3.199998e+07
TAC

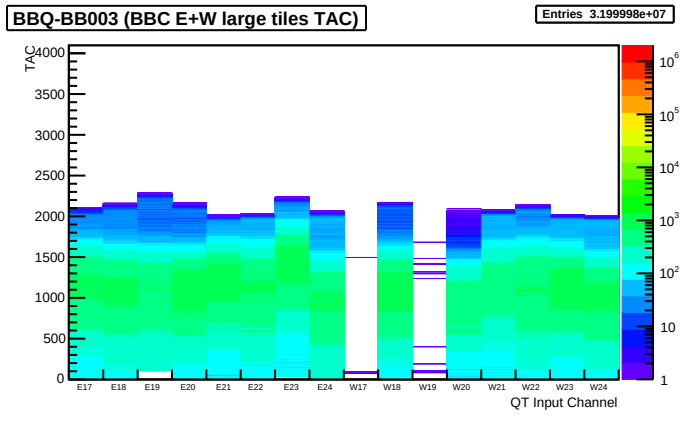

BBQ-VP001 (LO threshold)
Entries 3.199998e+07
ADC
QT Input Channel

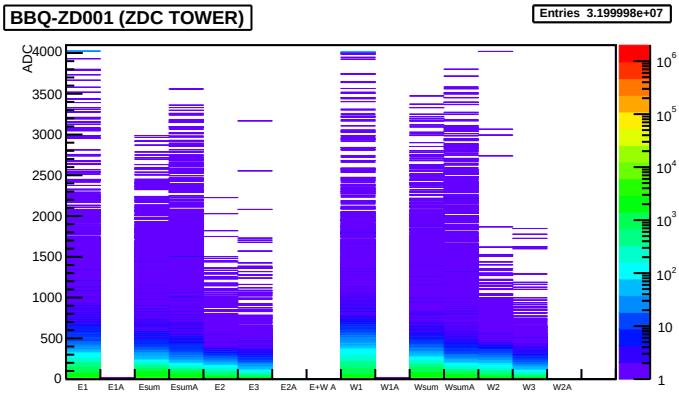

BBQ-VP001 (LO threshold)
Entries 3.199998e+07
TAC
QT Input Channel

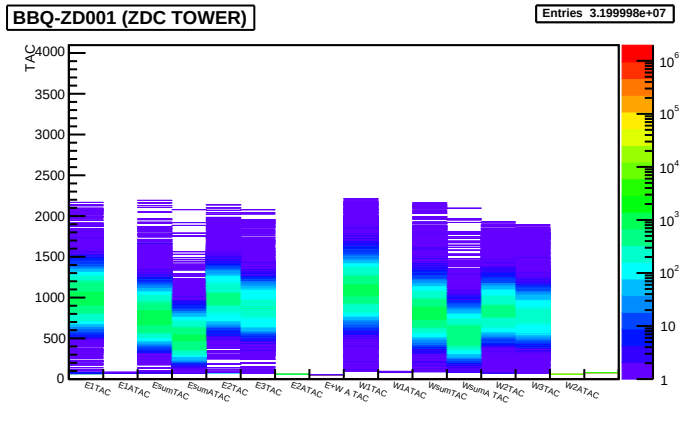

BBQ-VP002 (LO threshold)
Entries 3.199998e+07
ADC
QT Input Channel

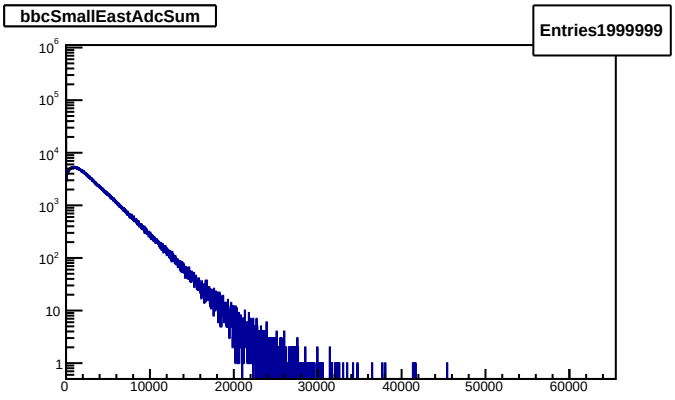

BBQ-VP002 (LO threshold)
Entries 3.199998e+07
TAC
QT Input Channel

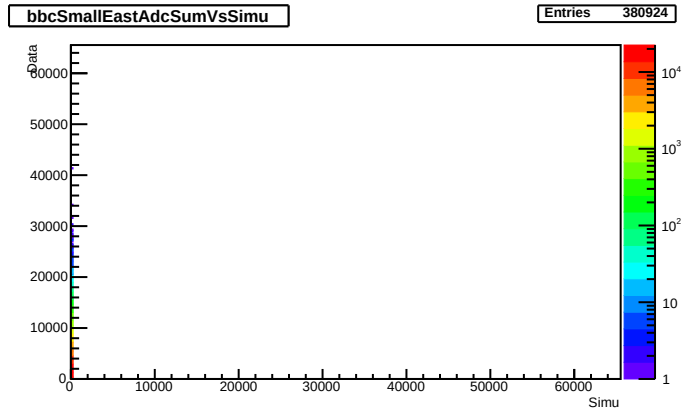

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.199998e+07
ADC
QT Input Channel

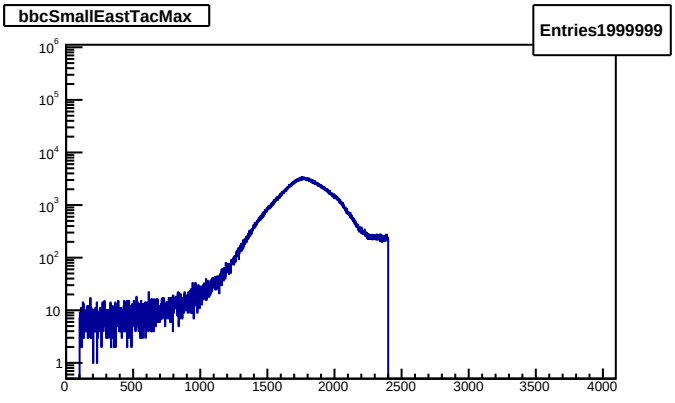

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.199998e+07
TAC
QT Input Channel

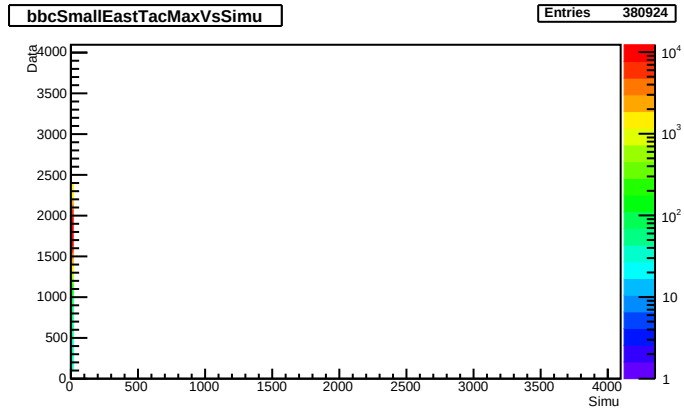

BBQ-ZD001 (ZDC TOWER)
Entries 3.199998e+07
ADC

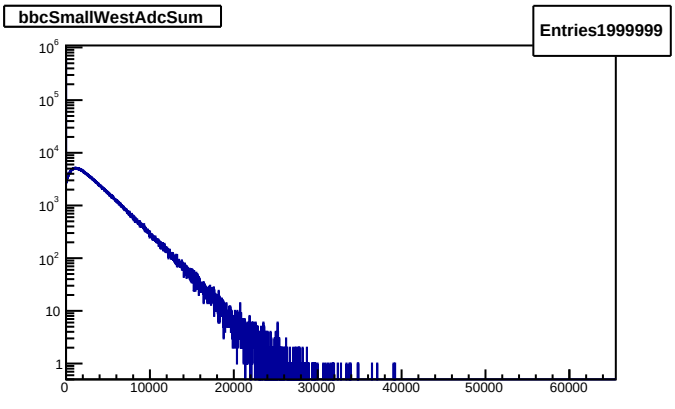

BBQ-ZD001 (ZDC TOWER)
Entries 3.199998e+07
TAC

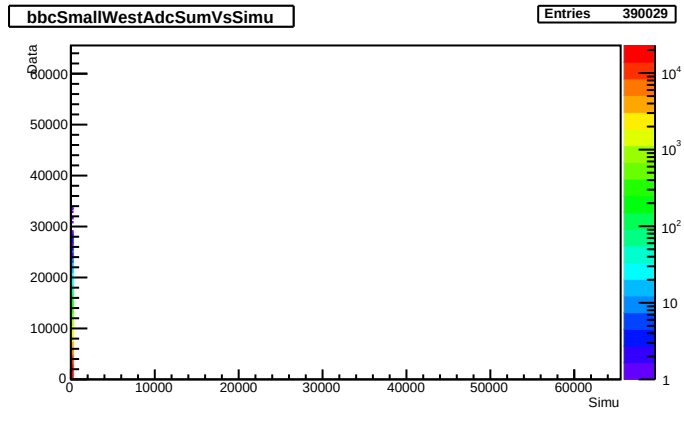

bbcSmallEastAdcSum
Entries1999999

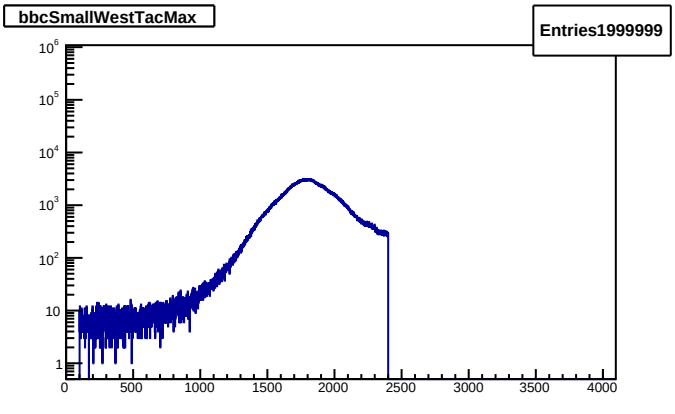

bbcSmallEastAdcSumVsSimu
Entries 380924
Data
Simu

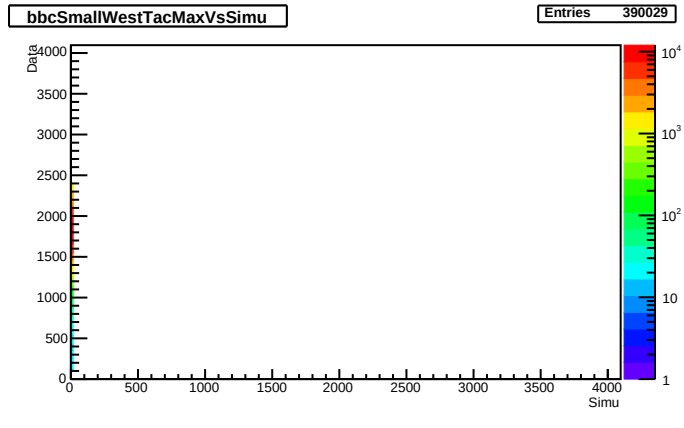

bbcSmallEastTacMax
Entries1999999

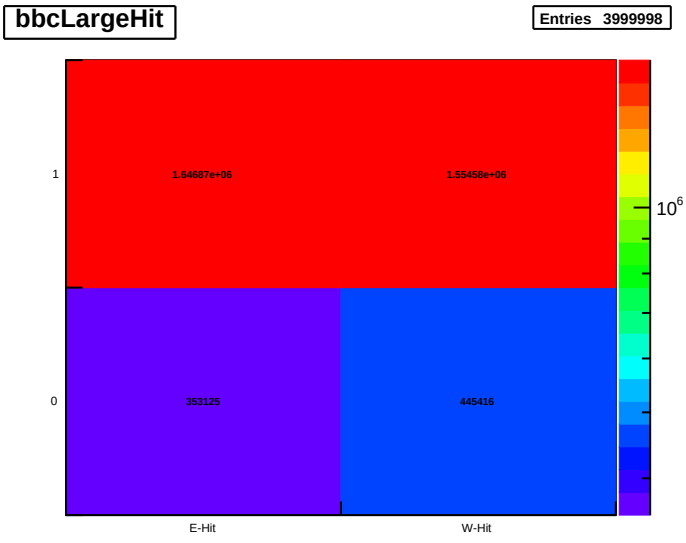

bbcSmallEastTacMaxVsSimu
Entries 380924
Data
Simu

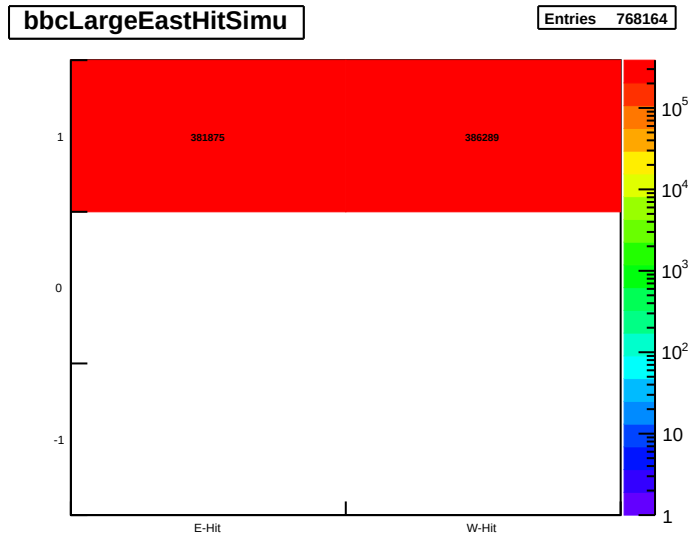

bbcSmallWestAdcSum
Entries1999999

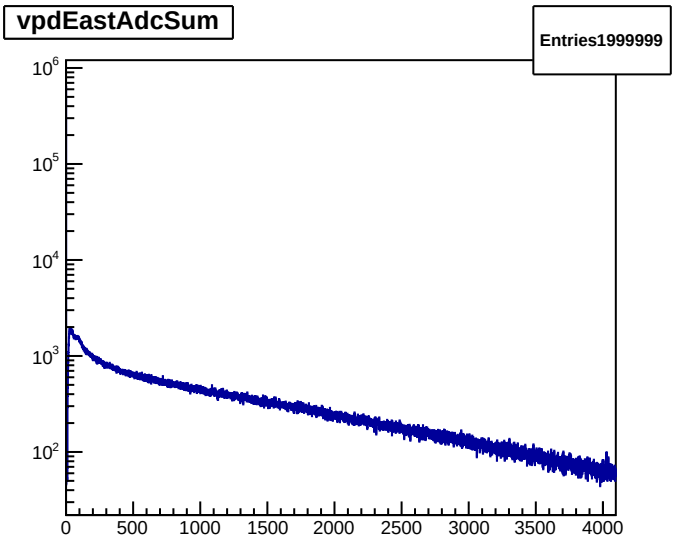

bbcSmallWestAdcSumVsSimu
Entries 390029
Data
Simu

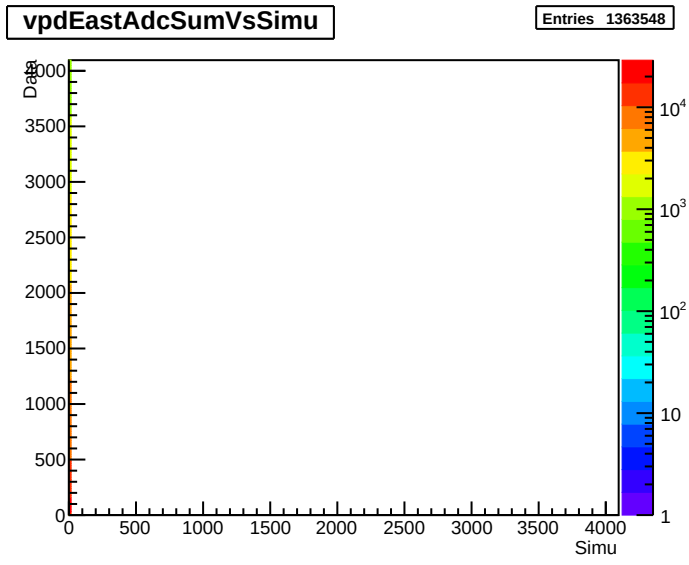

bbcSmallWestTacMax
Entries1999999

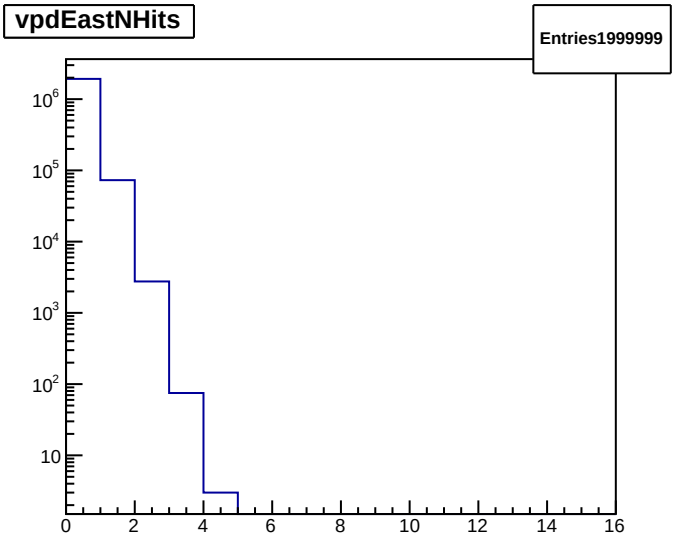

bbcSmallWestTacMaxVsSimu
Entries 390029
Data
Simu

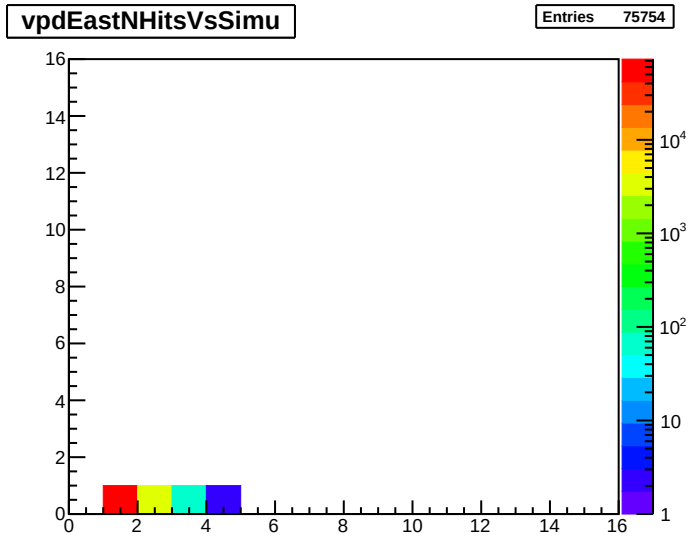

bbcLargeHit
Entries 3999998
1.64687e+06
1.55458e+06
353125
445416
1
0
E-Hit
W-Hit
$10^6$

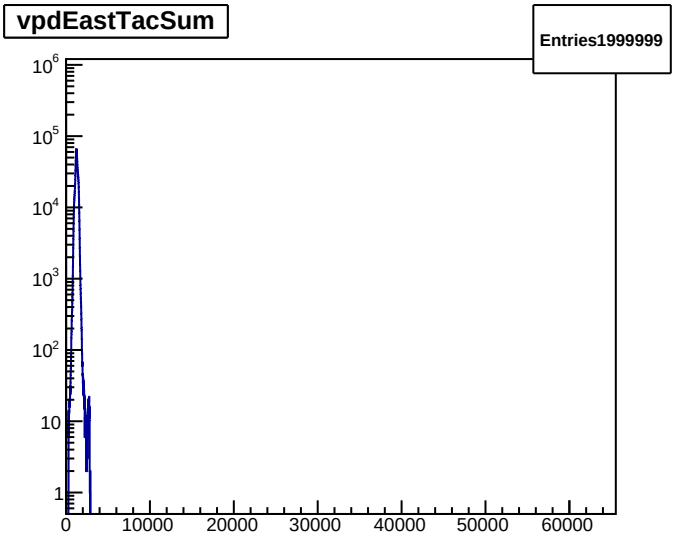

bbcLargeEastHitSimu
Entries 768164
381875
386289
1
0
-1
E-Hit
W-Hit
$10^5$
$10^4$
$10^3$
$10^2$
10
1

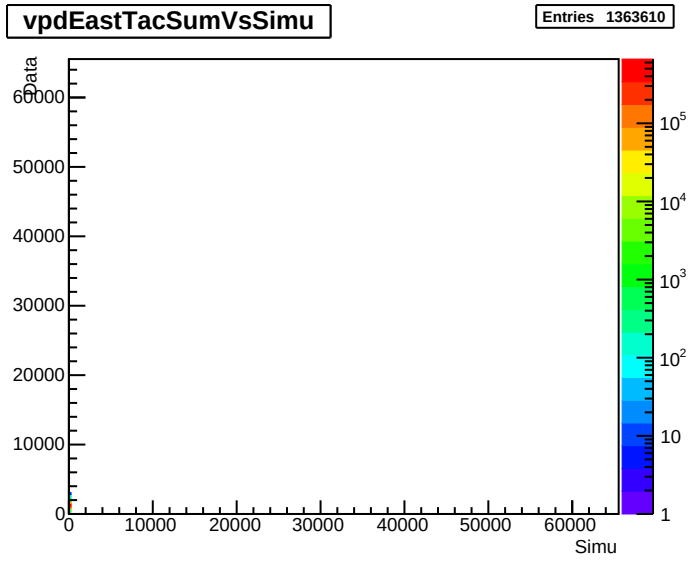

vpdEastAdcSum
Entries1999999

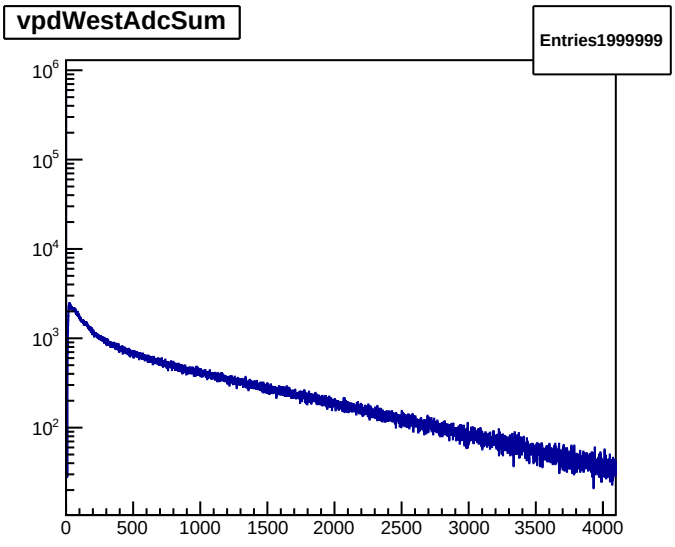

vpdEastAdcSumVsSimu
Entries 1363548
Data
Simu

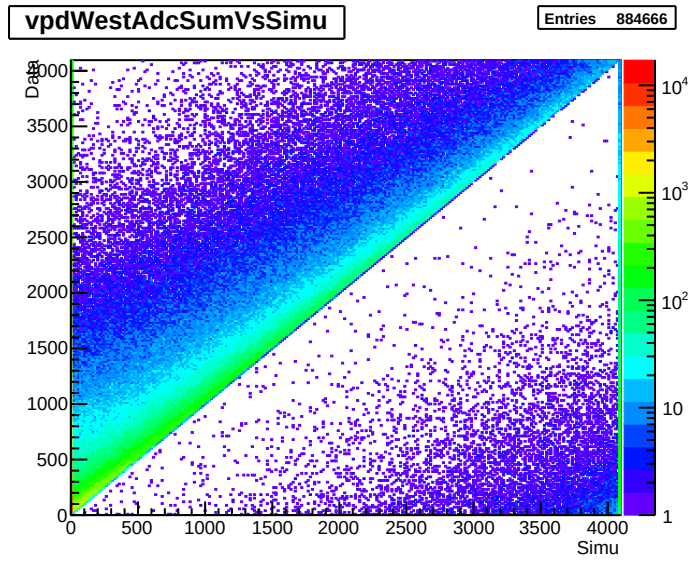

vpdEastNHits
Entries1999999

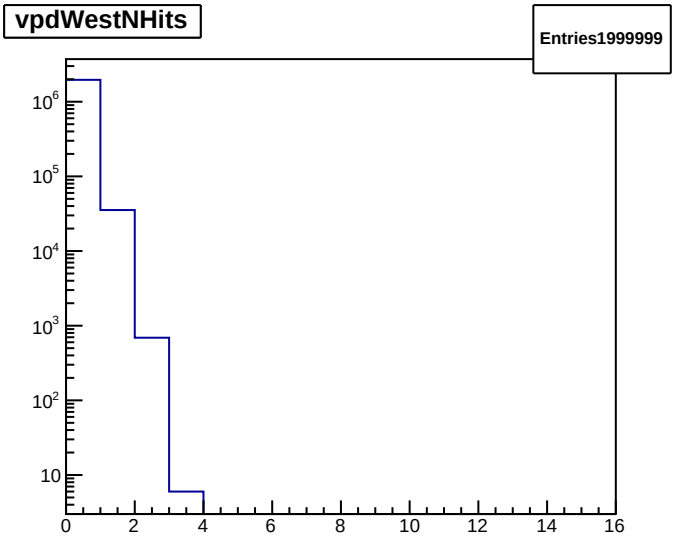

vpdEastNHitsVsSimu
Entries 75754

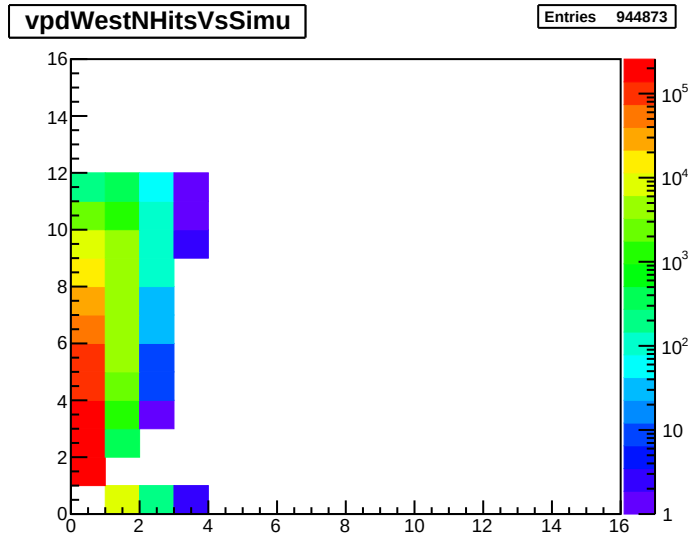

vpdEastTacSum
Entries1999999

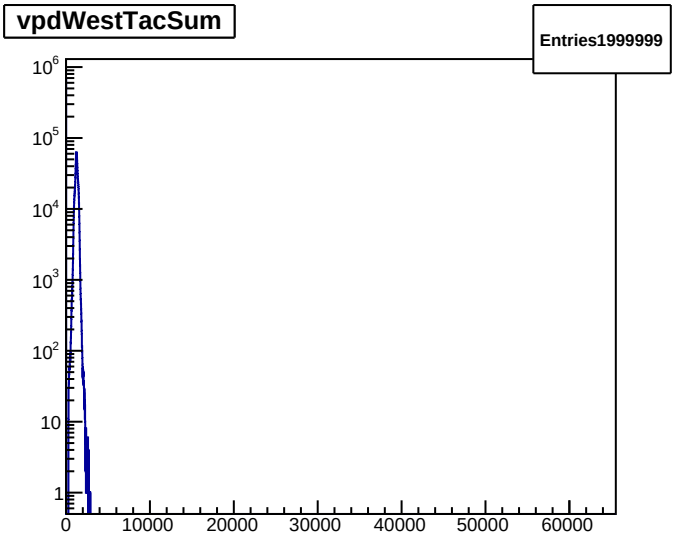

vpdEastTacSumVsSimu
Entries 1363610
Data
Simu

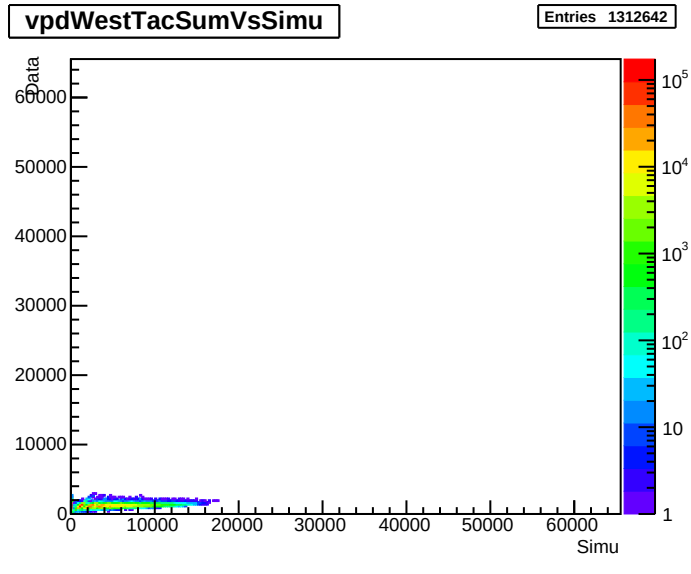

vpdWestAdcSum
Entries1999999

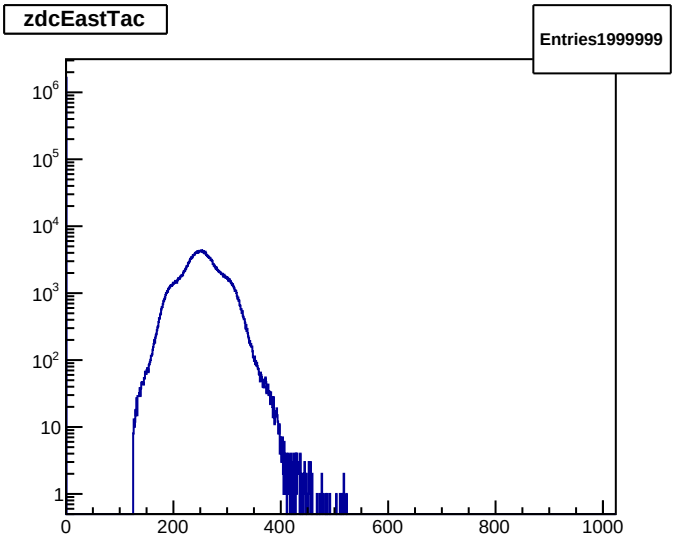

vpdWestAdcSumVsSimu
Entries 884666
Data
Simu

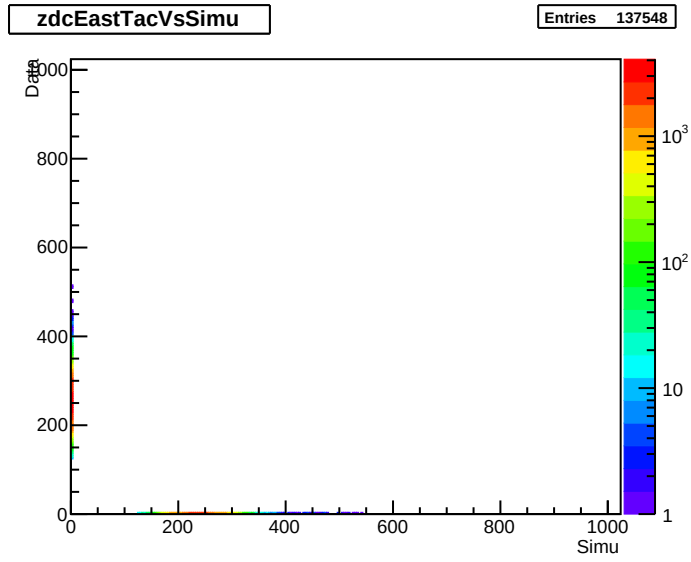

vpdWestNHits
Entries1999999

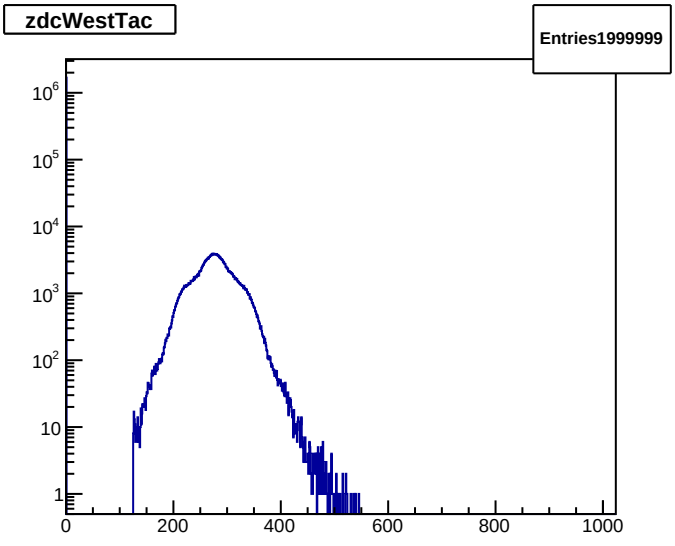

vpdWestNHitsVsSimu
Entries 944873

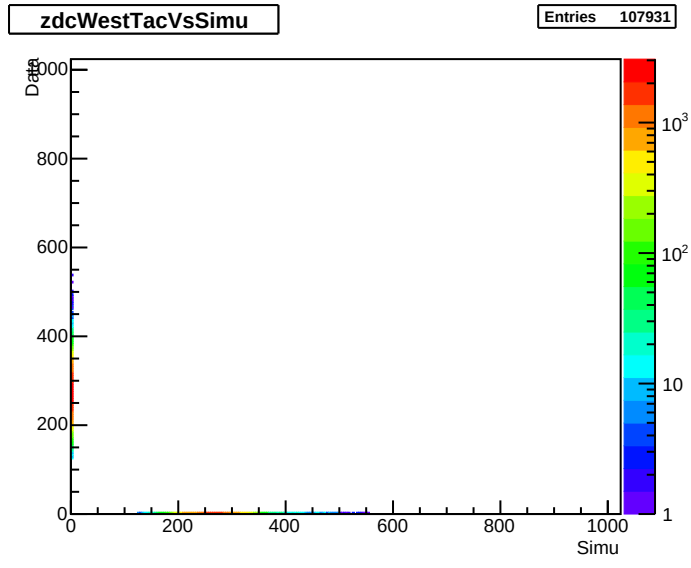

vpdWestTacSum
Entries1999999

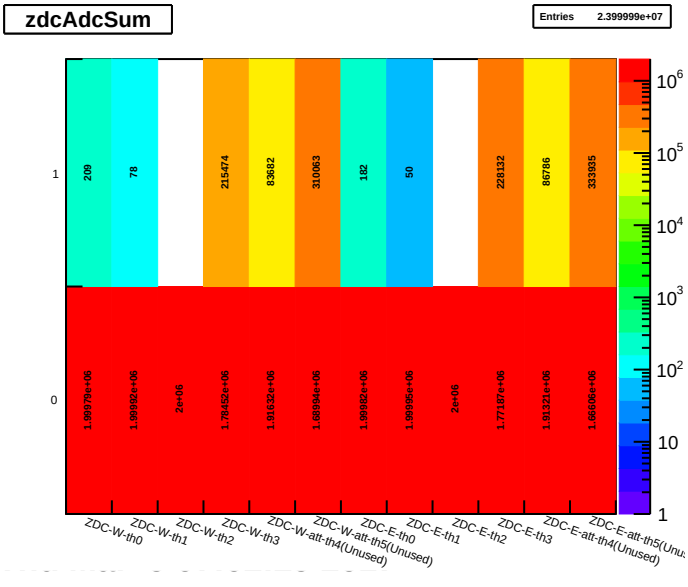

vpdWestTacSumVsSimu
Entries 1312642
Data
Simu

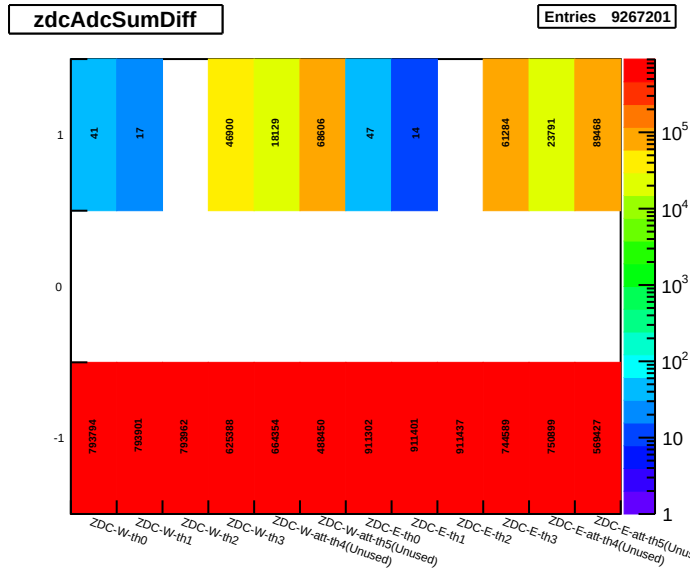

zdcEastTac
Entries1999999

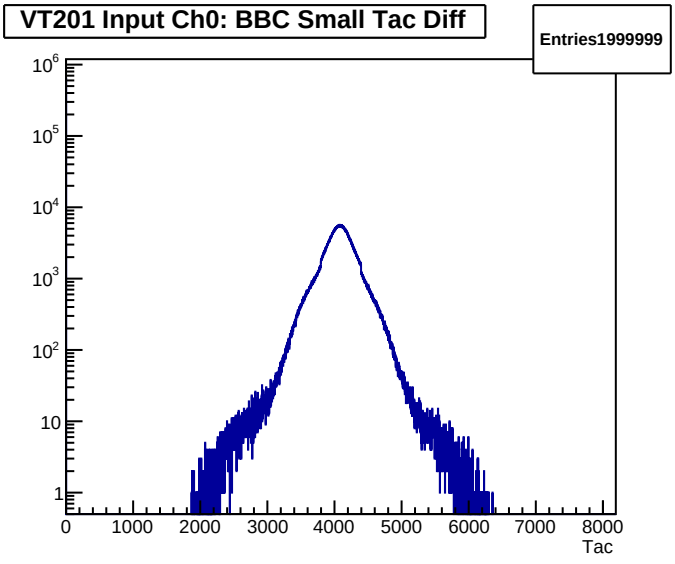

zdcEastTacVsSimu
Entries 137548
Data
Simu

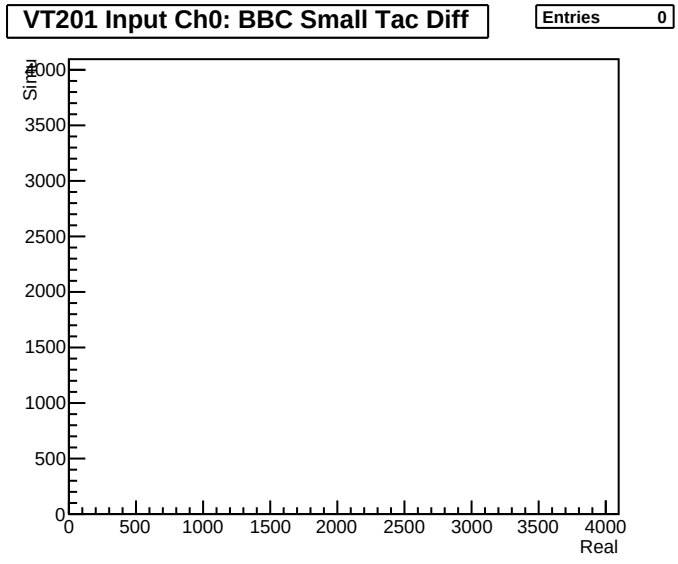

zdcWestTac
Entries1999999

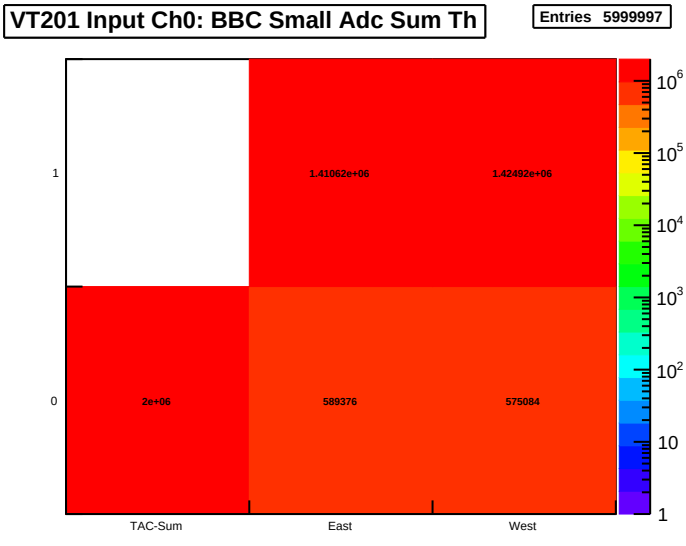

zdcWestTacVsSimu
Entries 107931
Data
Simu

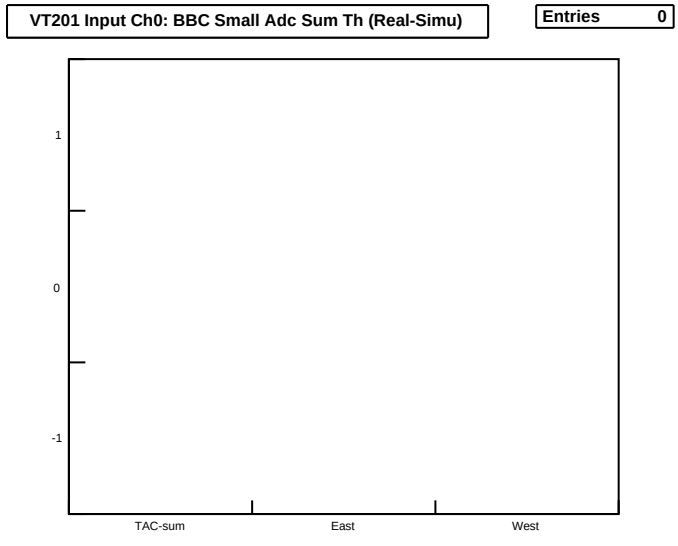

zdcAdcSum
Entries 2.399999e+07
209
78
215474
83682
310063
182
50
228132
86786
333935
1.99978e+06
1.99992e+06
2e+06
1.78452e+06
1.91632e+06
1.60994e+06
1.99982e+06
1.99995e+06
2e+06
1.77187e+06
1.91321e+06
1.66606e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

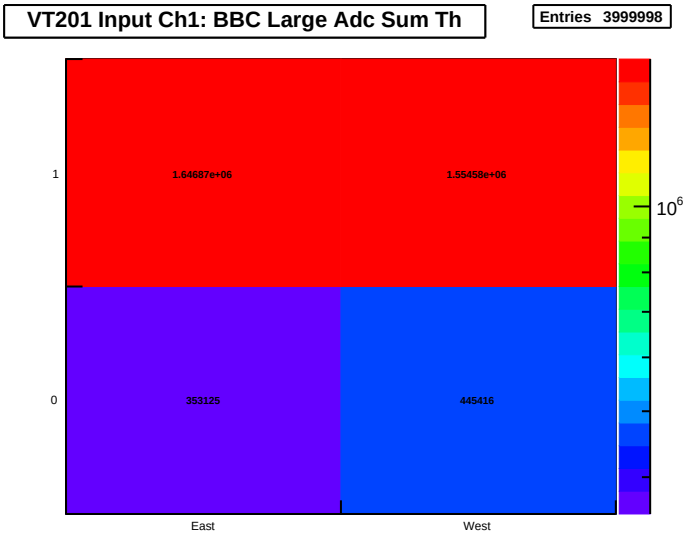

zdcAdcSumDiff
Entries 9267201
41
17
46900
18129
68606
47
14
61284
23791
89468
793794
793901
793962
625388
664354
488450
911302
911401
911437
744589
750899
569427
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

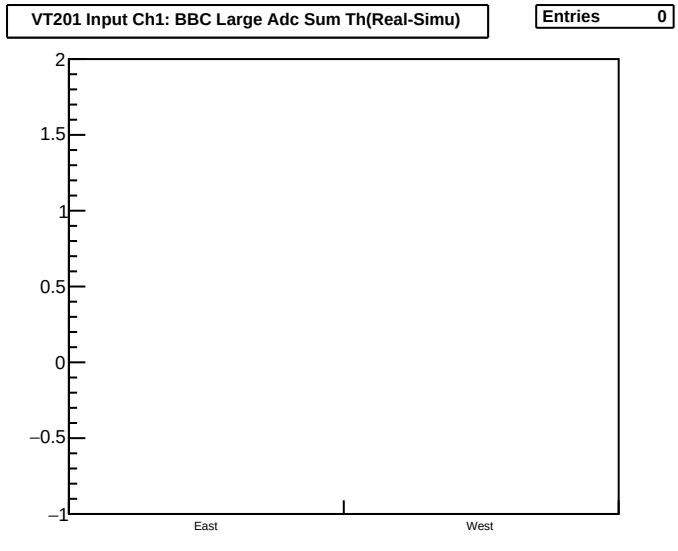

VT201 Input Ch0: BBC Small Tac Diff
Entries1999999
Tac


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

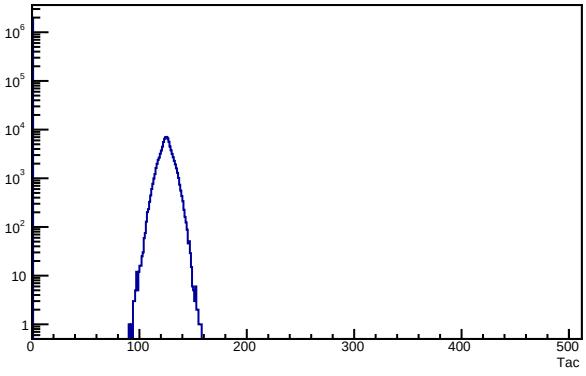

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 5999997
1.41062e+06
1.42492e+06
2e+06
589376
575084
TAC-Sum
East
West


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

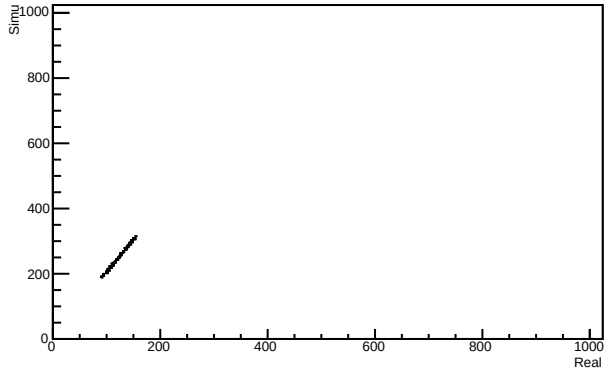

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 3999998
1.64687e+06
1.55458e+06
353125
445416
East
West


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

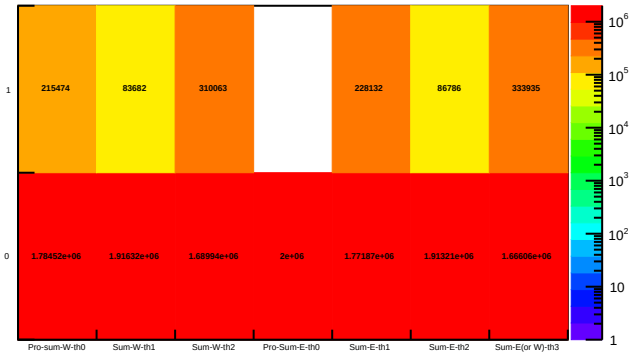
**VT201 Input Ch2: ZDC Tac Diff**



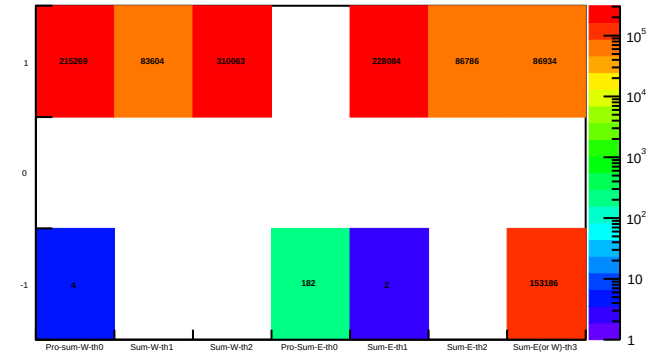

**VT201 Input Ch2: ZDC Tac Diff**



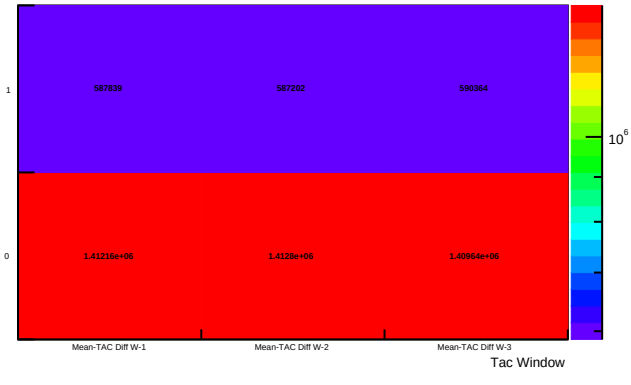

**VT201 Input Ch2: ZDC Adc Sum Th**



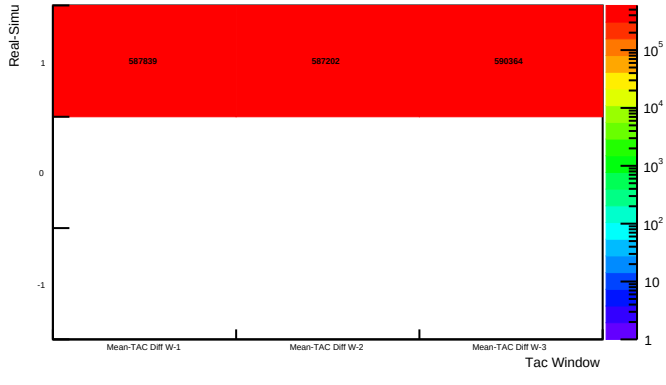

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



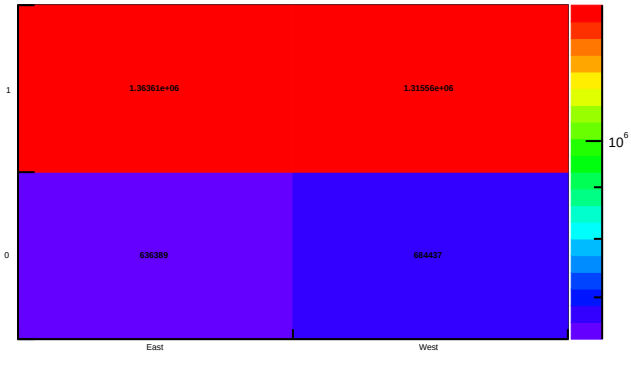

**VT201 Input Ch4: VPD Tac Diff**



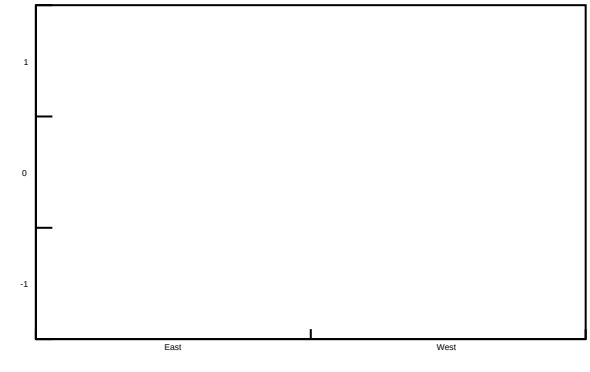

**VT201 Input Ch4: VPD Tac Diff**

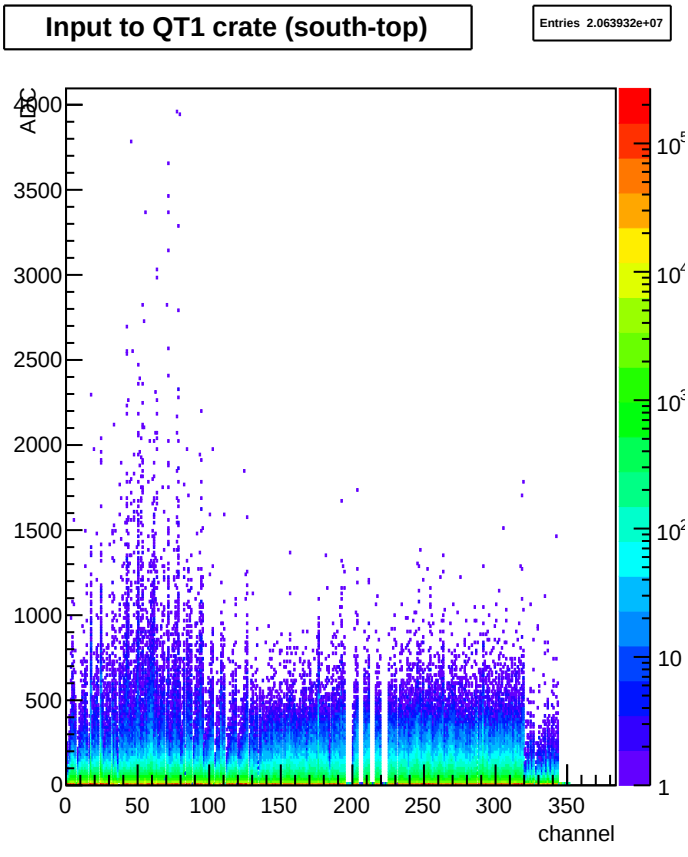


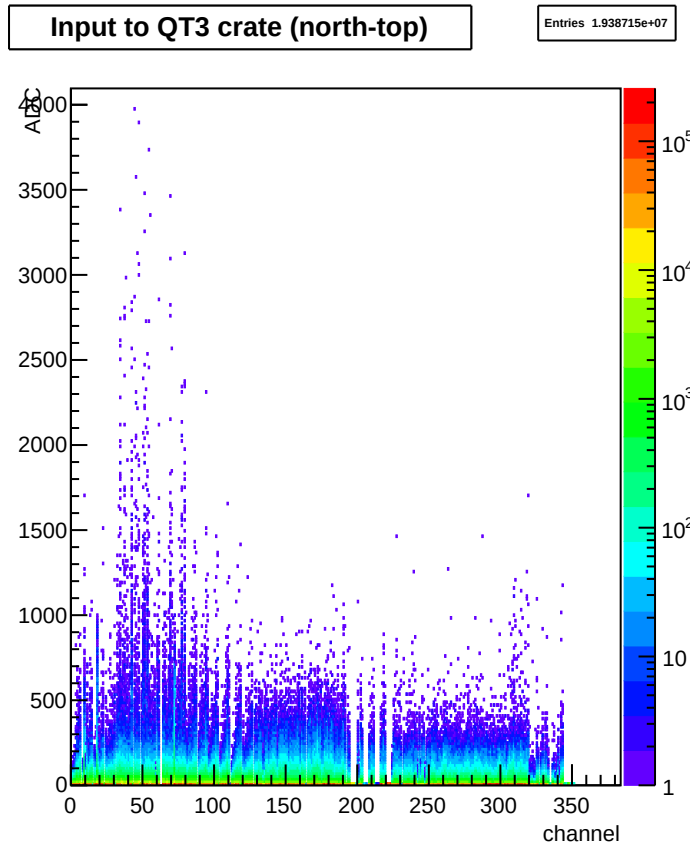

**VT201 Input Ch4: VPD Adc Sum Th**

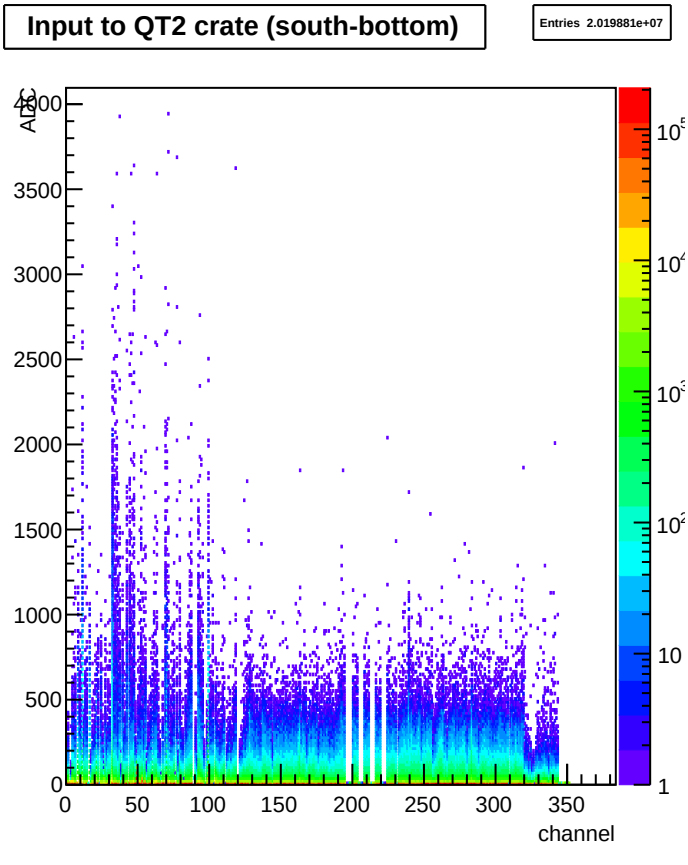


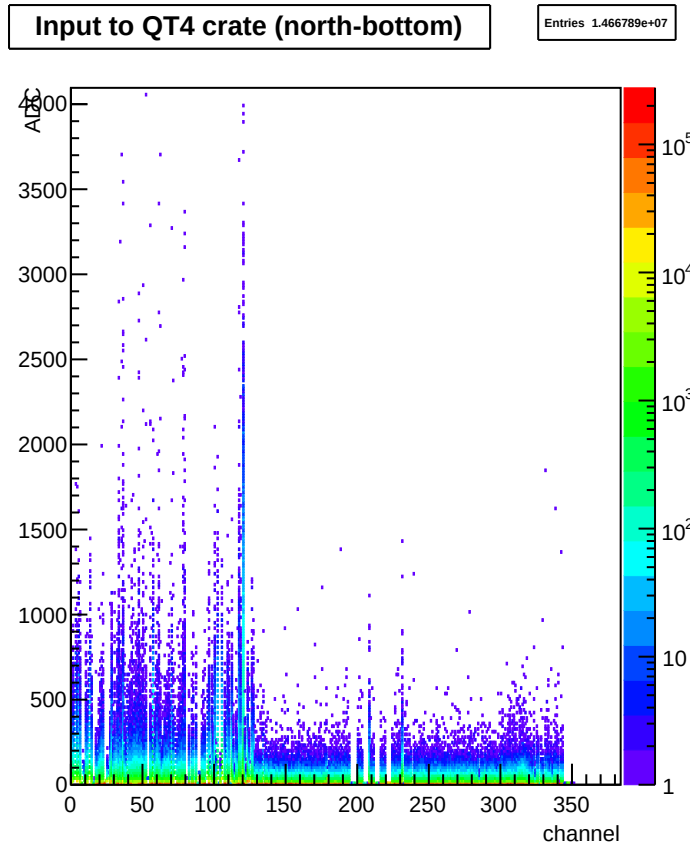

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

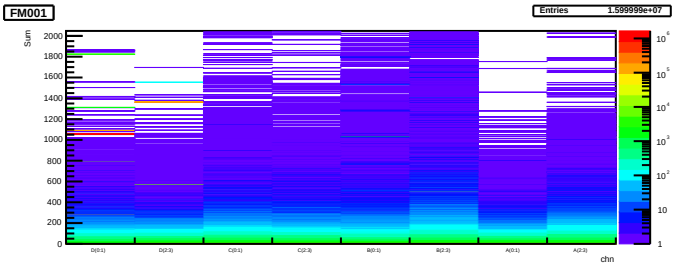


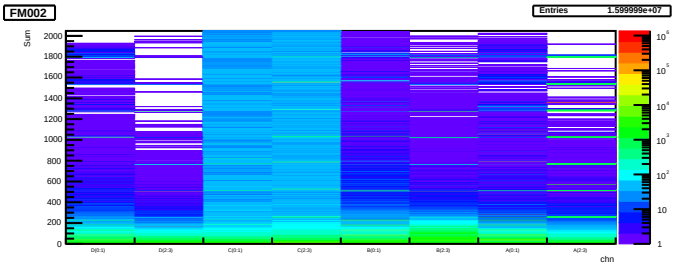

Input to QT1 crate (south-top)
Entries 2.063932e+07
ADC
channel

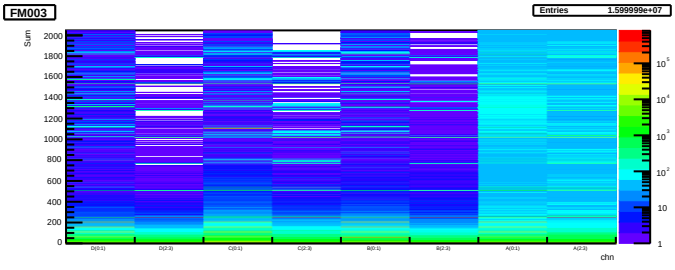

Input to QT3 crate (north-top)
Entries 1.938715e+07
ADC
channel

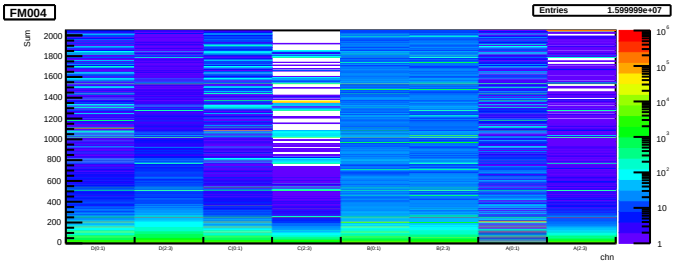

Input to QT2 crate (south-bottom)
Entries 2.019881e+07
ADC
channel

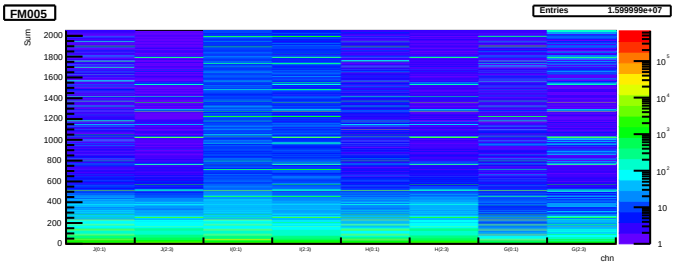

Input to QT4 crate (north-bottom)
Entries 1.466789e+07
ADC
channel

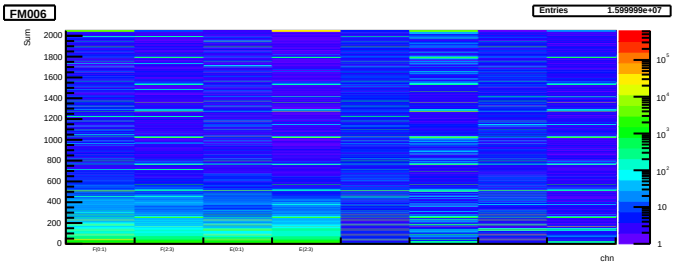

FM001
Entries 1.599999e+07
Sum
chn

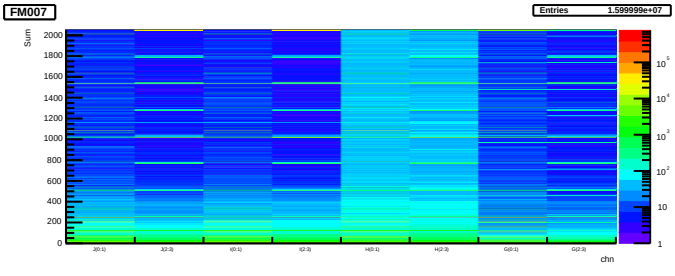

FM002
Entries 1.599999e+07
Sum
chn

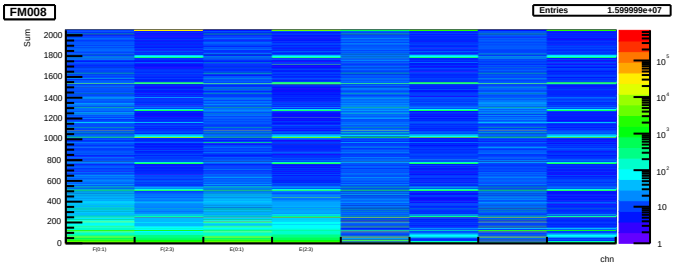

FM003
Entries 1.599999e+07
Sum
chn

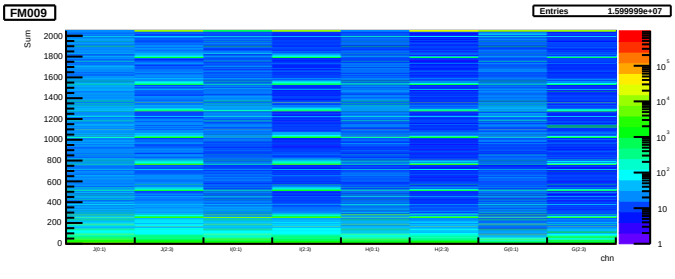

FM004
Entries 1.599999e+07
Sum
chn

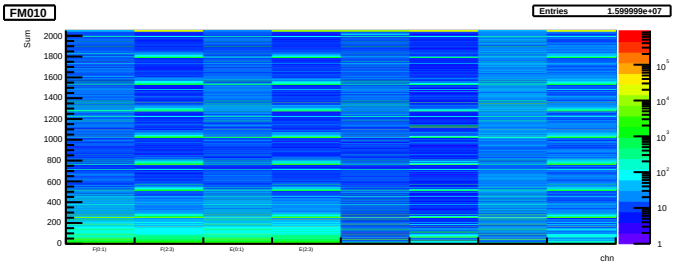

FM005
Entries 1.599999e+07
Sum
chn


FM006
Entries 1.599999e+07
Sum
chn


FM007
Entries 1.599999e+07
Sum
chn


FM008
Entries 1.599999e+07
Sum
chn


FM009
Entries 1.599999e+07
Sum
chn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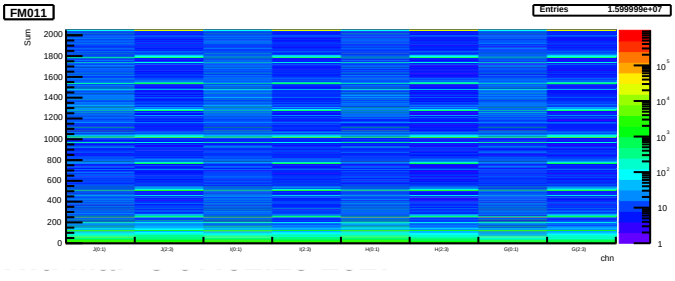
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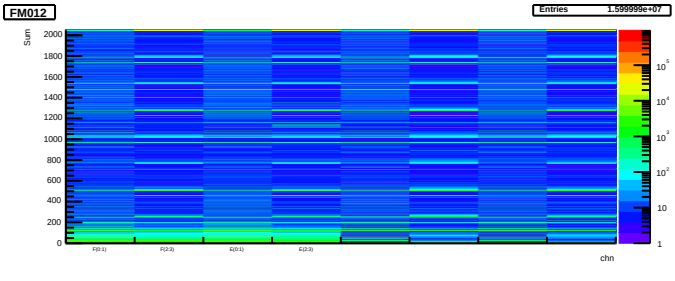
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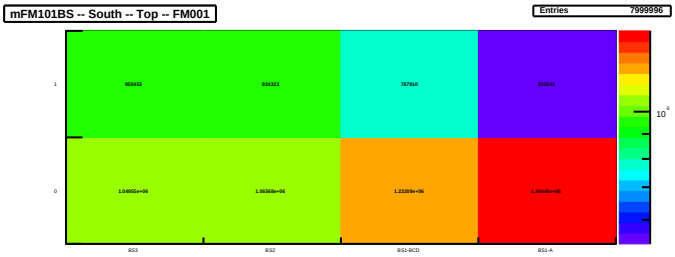
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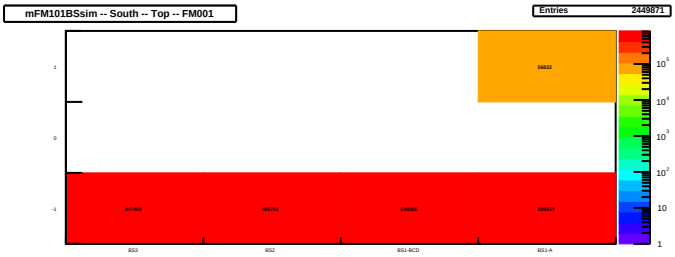
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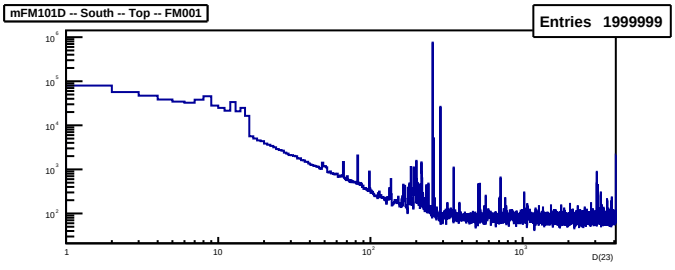
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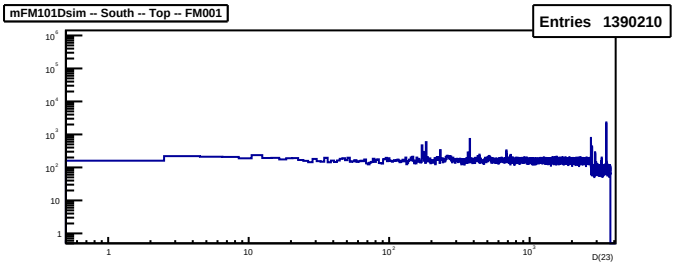
D(23)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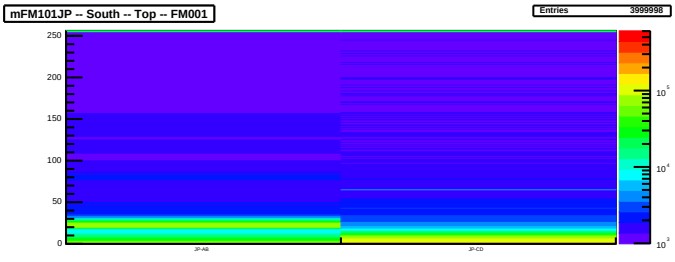
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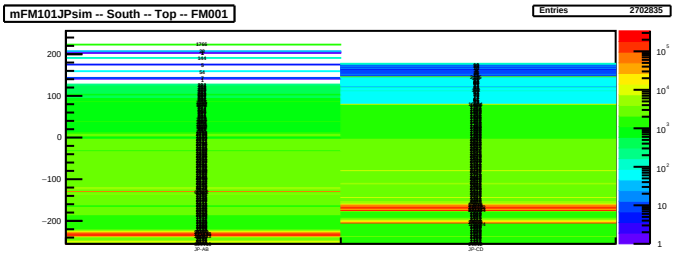
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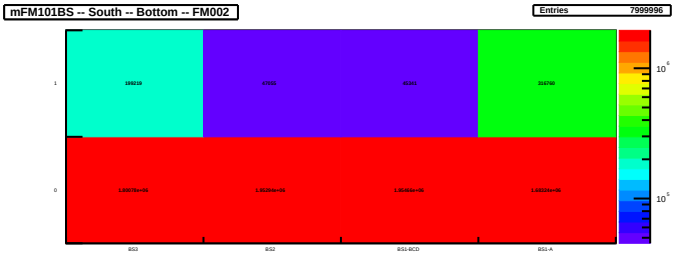
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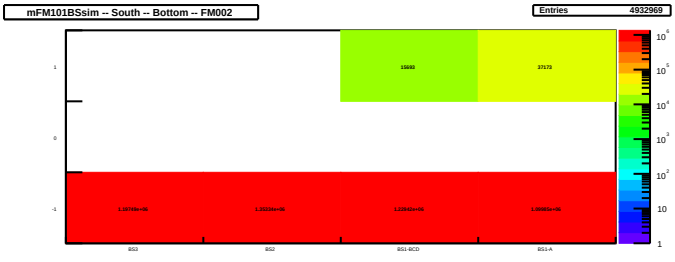
Entries 7999996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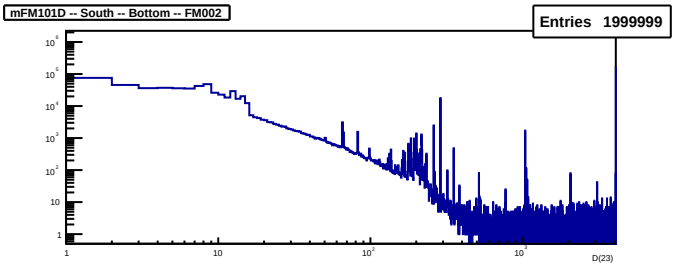
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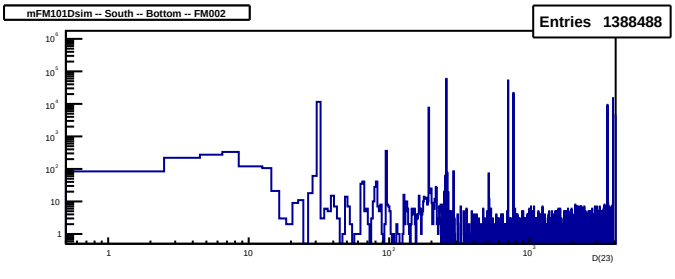
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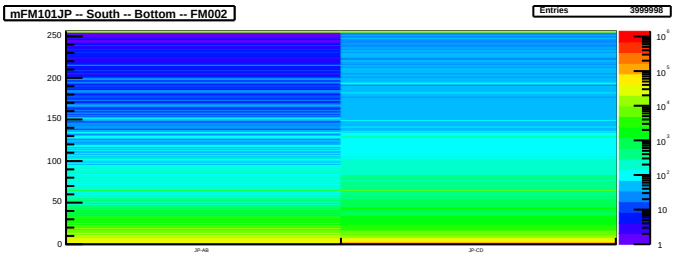
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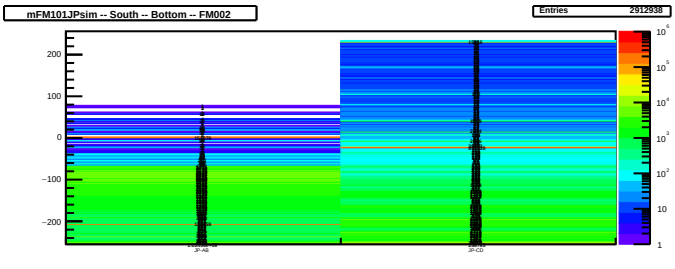
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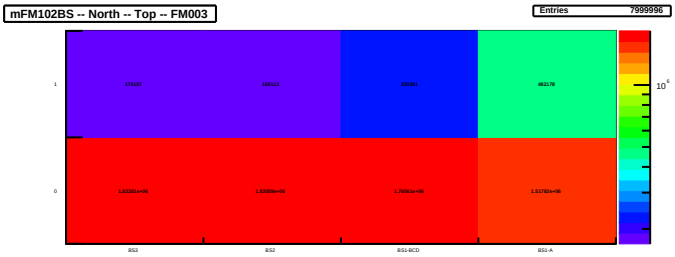
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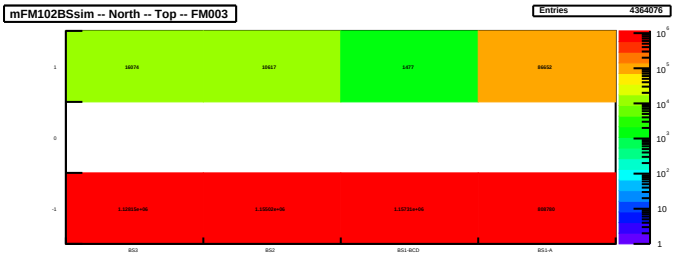
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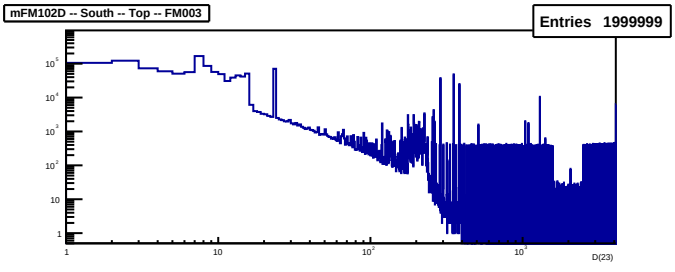
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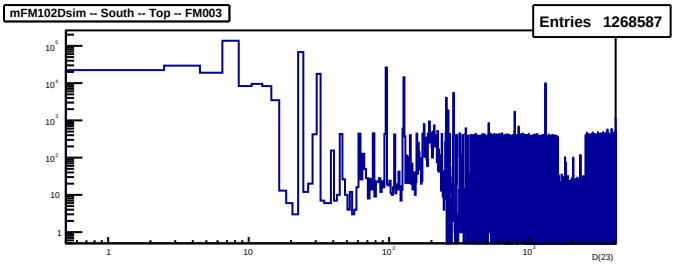
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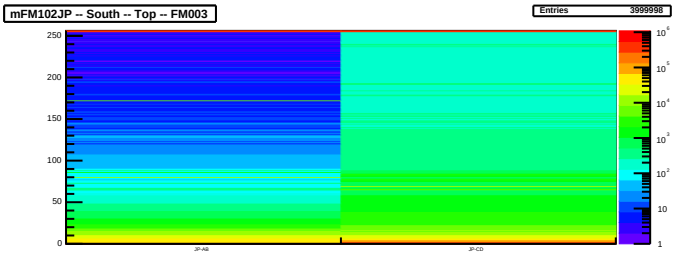
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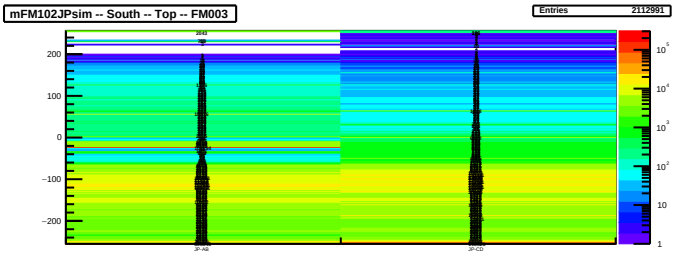
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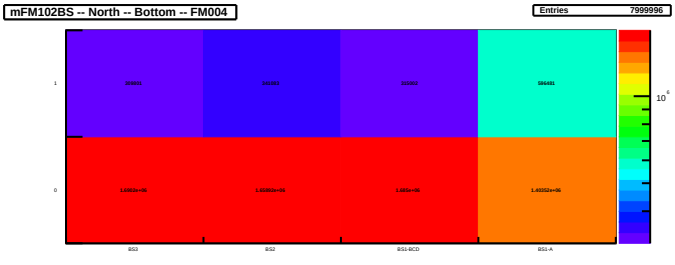
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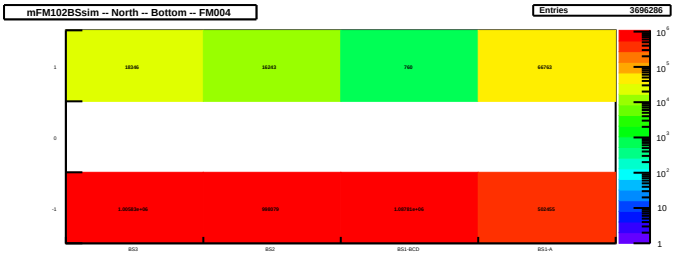
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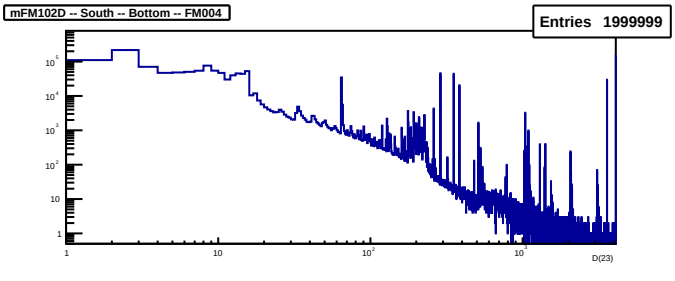
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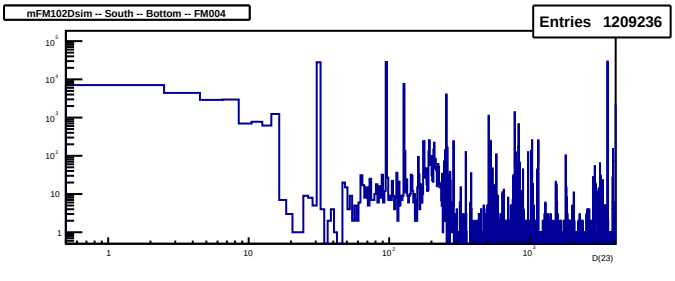
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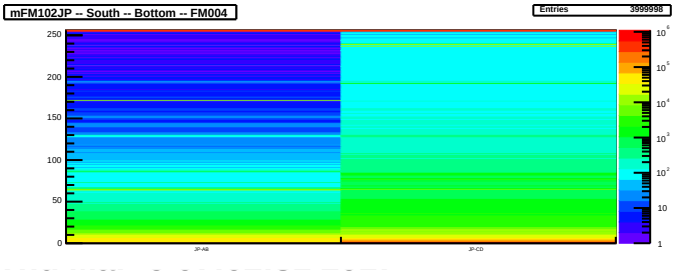
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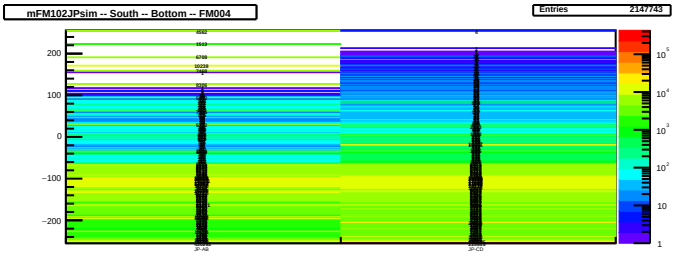
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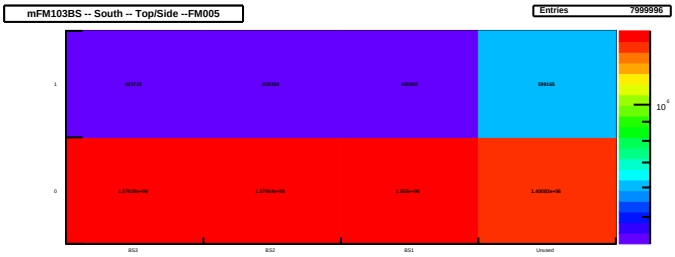
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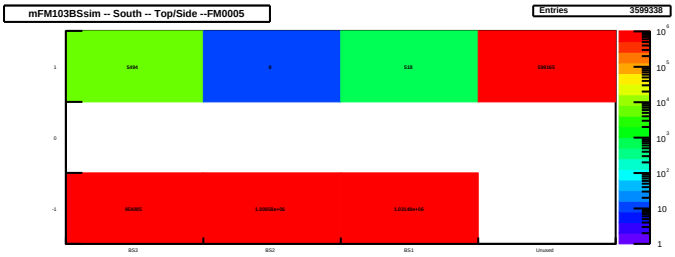
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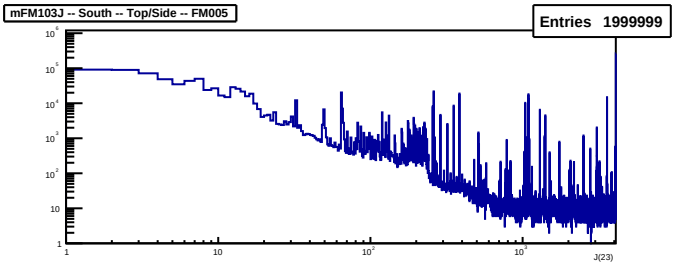
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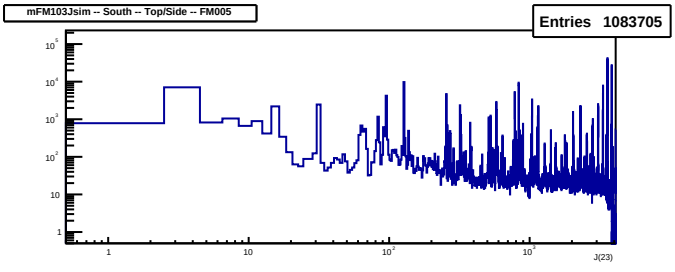
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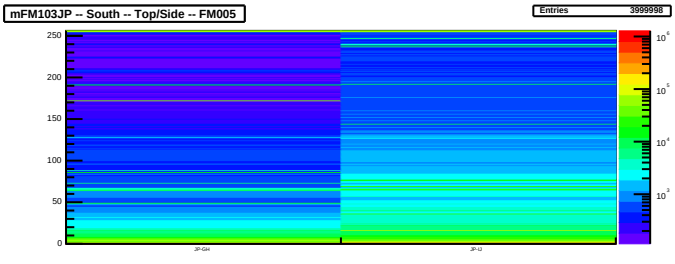
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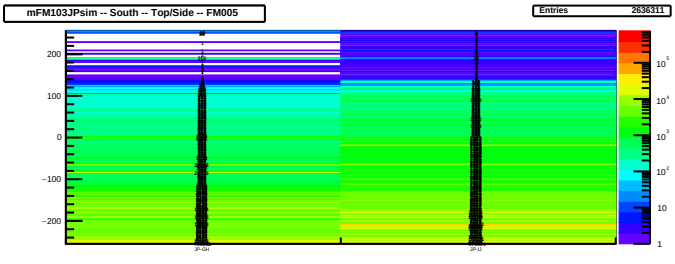
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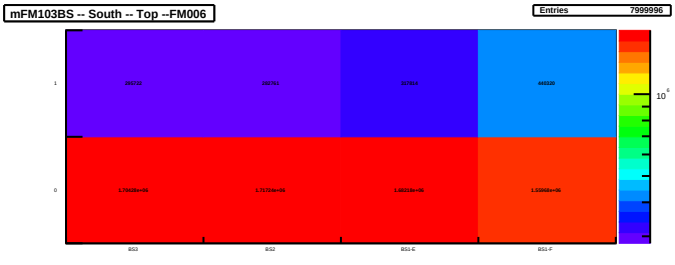
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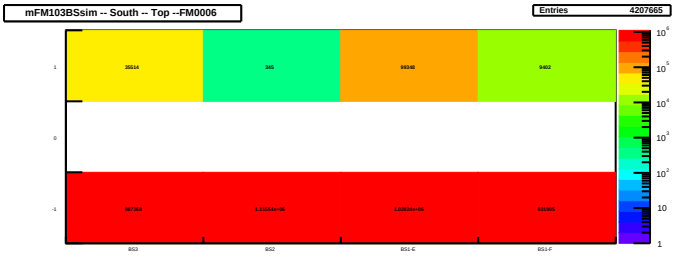
Entries 7999996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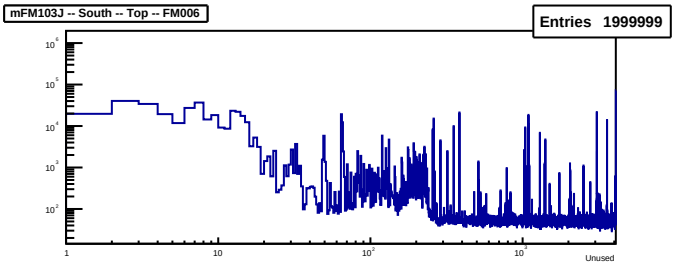
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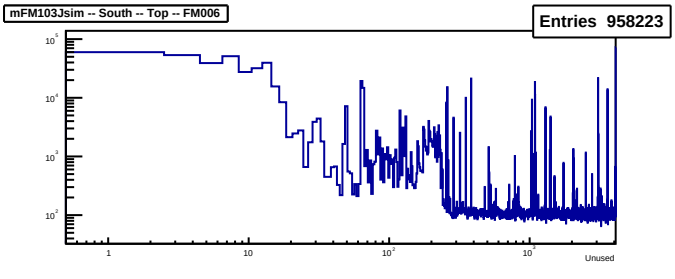
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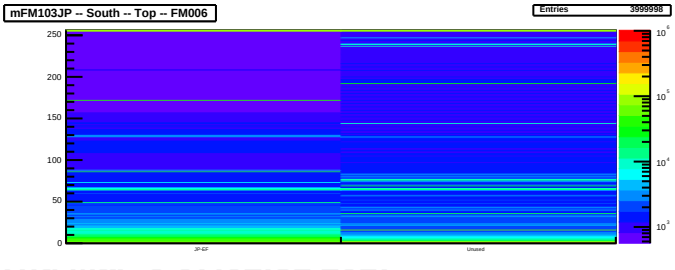
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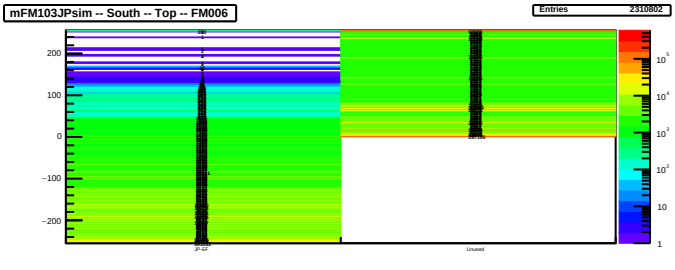
Entries 3999998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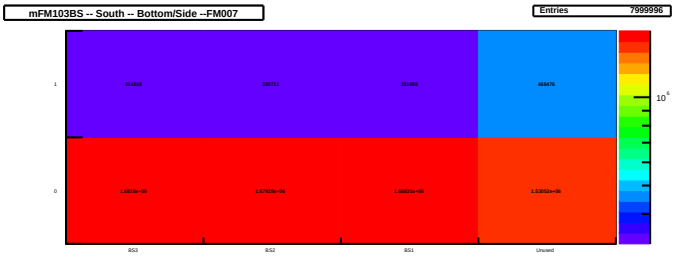
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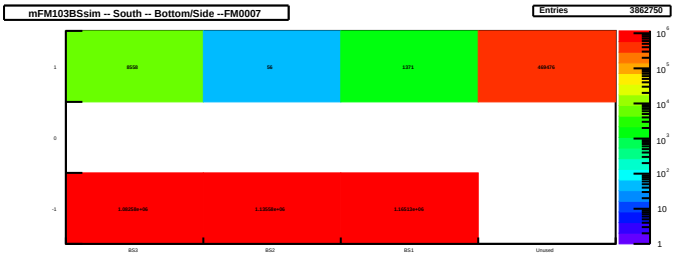
Entries 7999996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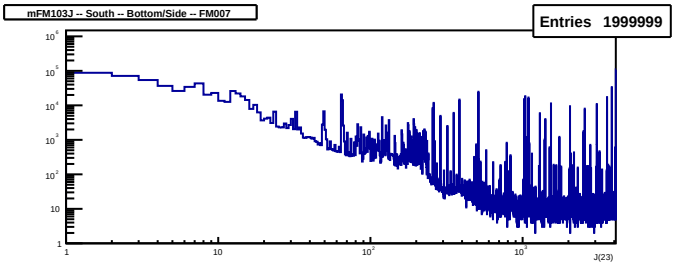
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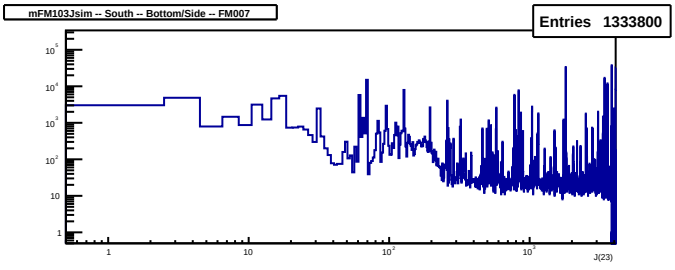
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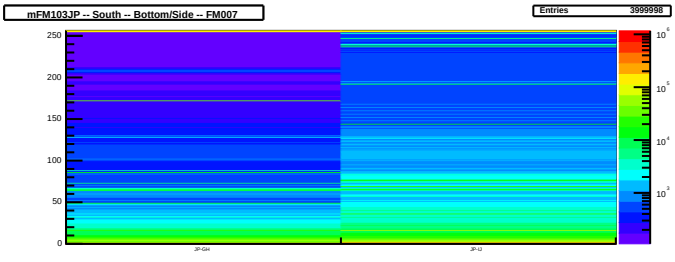
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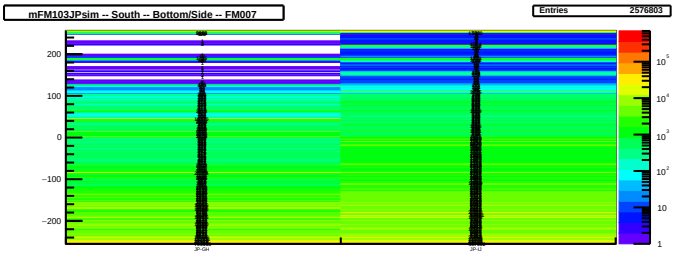
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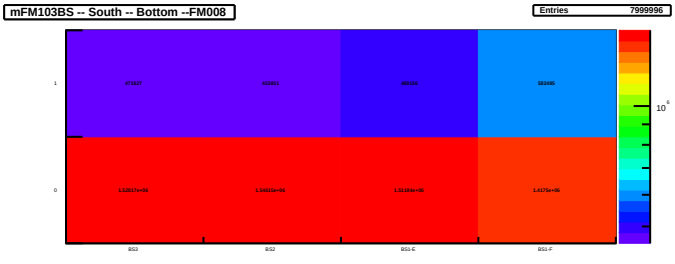
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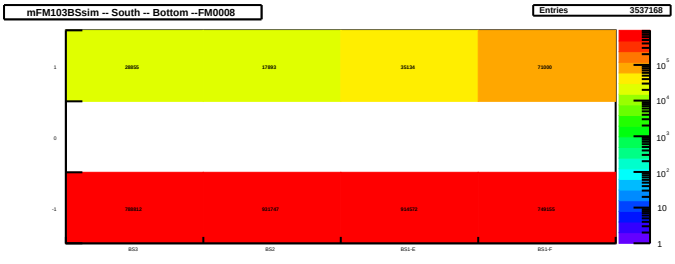
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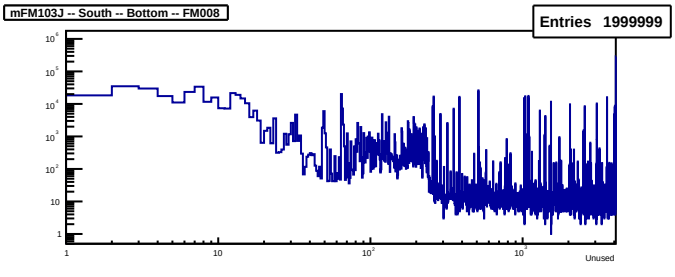
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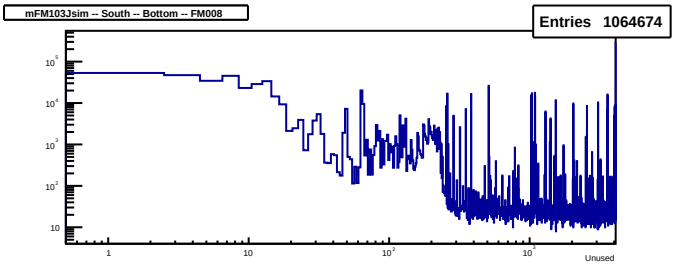
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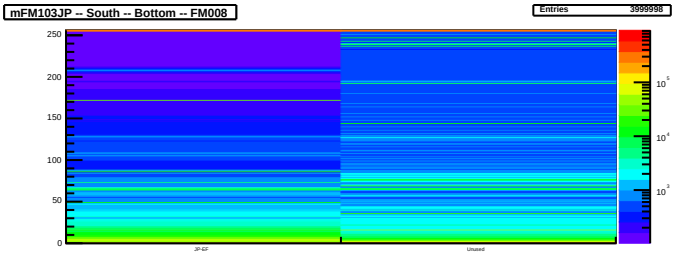
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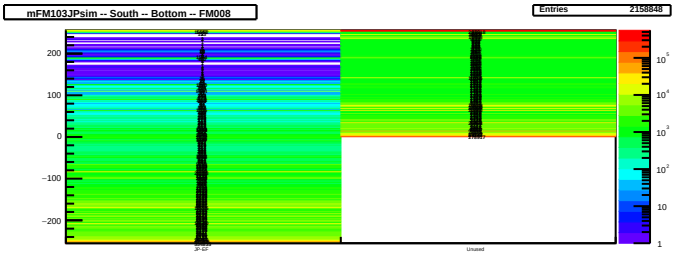
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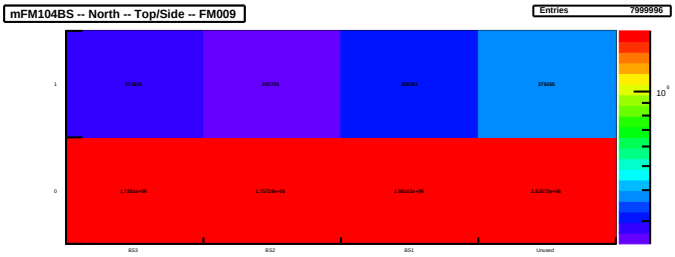
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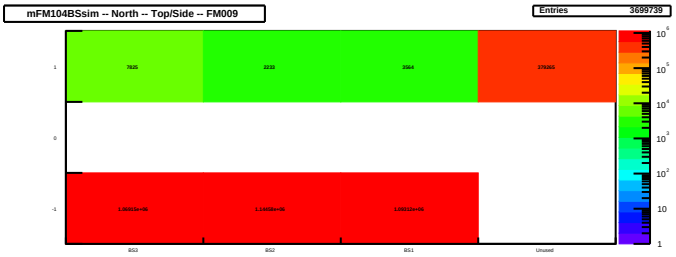
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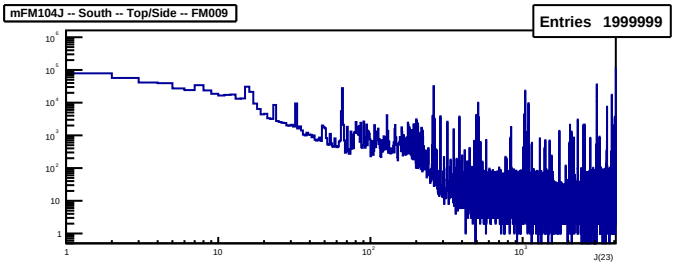
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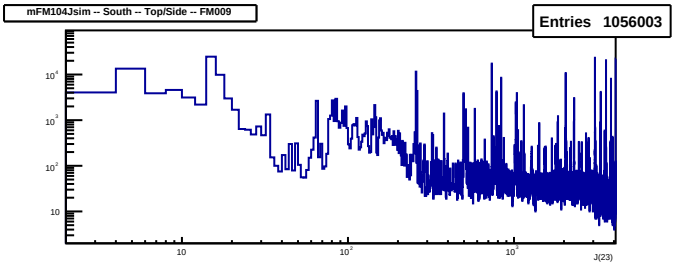
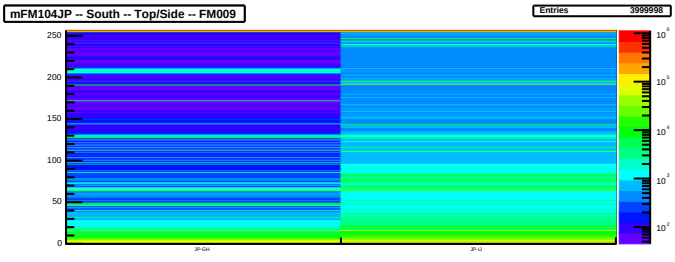
Entries 1999999
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1056003
J(23)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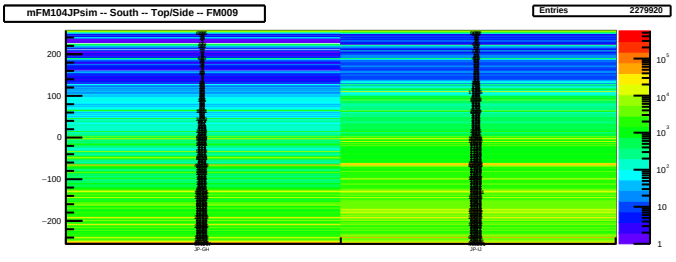
Entries 3999998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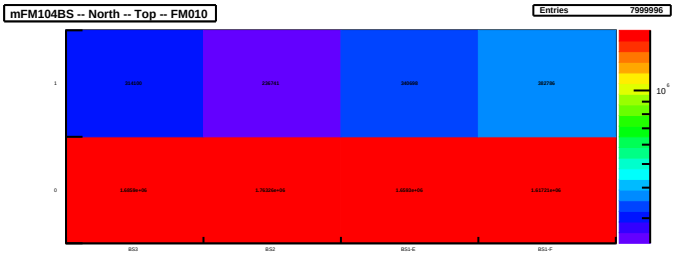
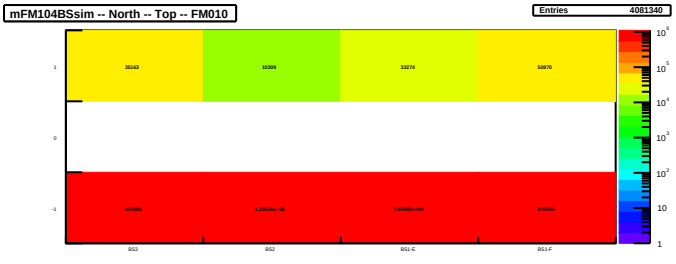
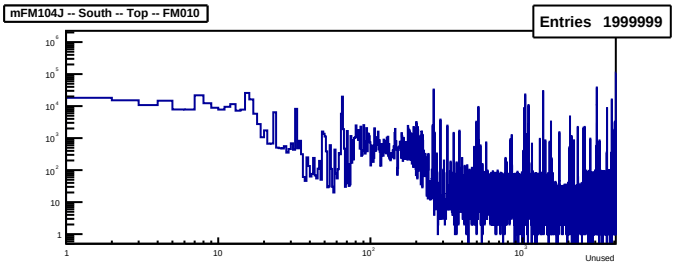
Entries 2279920


mFM104BS -- North -- Top -- FM010
Entries 7999996


mFM104BSsim -- North -- Top -- FM010
Entries 4081340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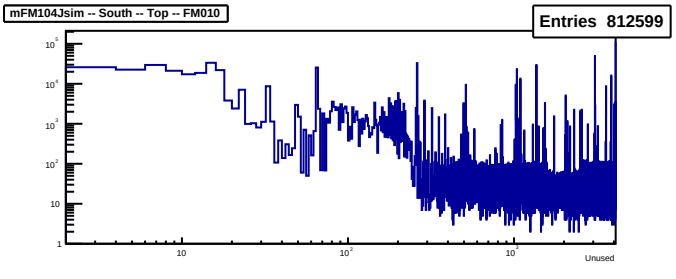
Entries 1999999
Unused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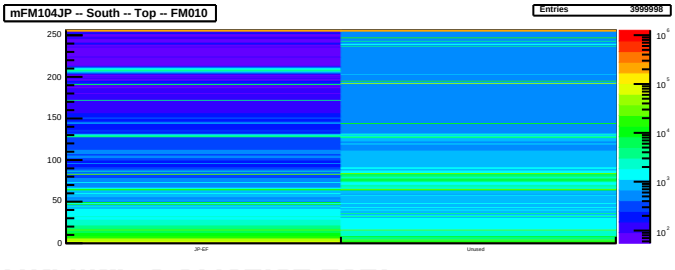
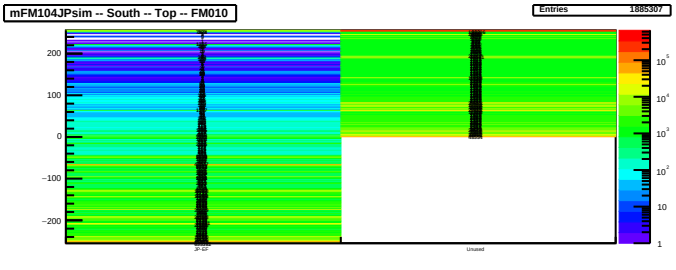
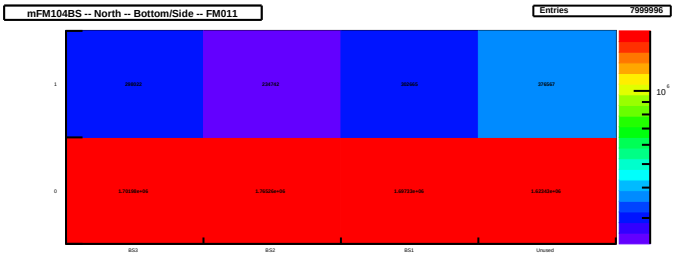
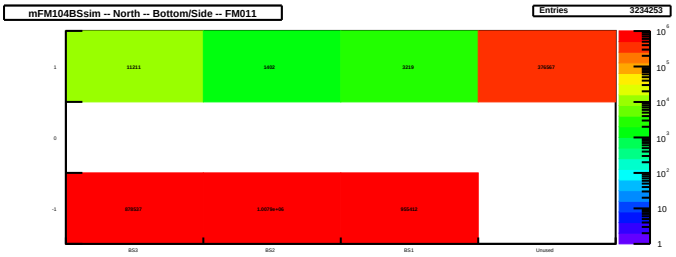
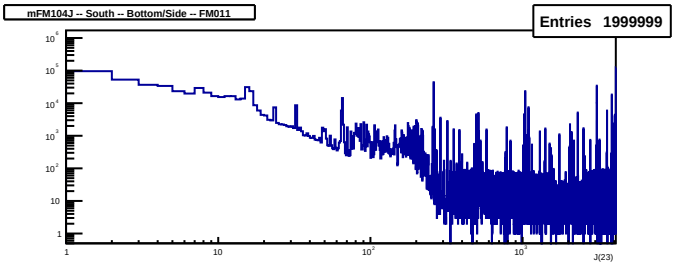
Entries 812599
Unused

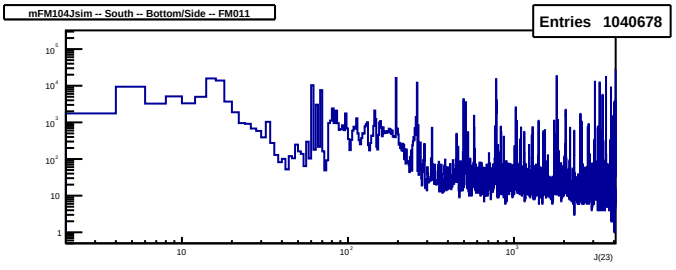

mFM104JP -- South -- Top -- FM010
Entries 3999998


mFM104JPsim -- South -- Top -- FM010
Entries 1885307


mFM104BS -- North -- Bottom/Side -- FM011
Entries 7999996


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3234253


mFM104J -- South -- Bottom/Side -- FM011
Entries 1999999
J(23)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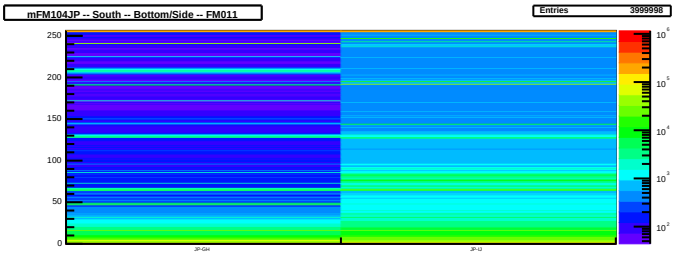
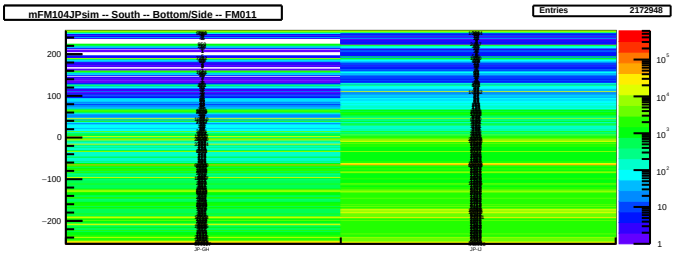
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 3999998


mFM104JPsim -- South -- Bottom/Side -- FM011
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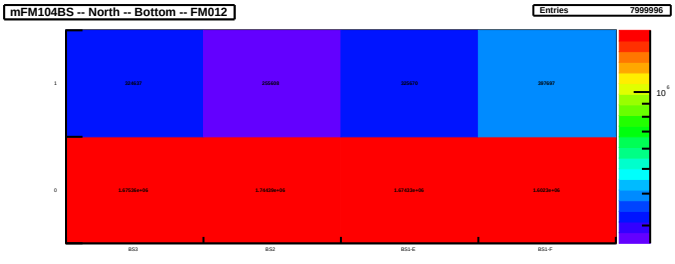
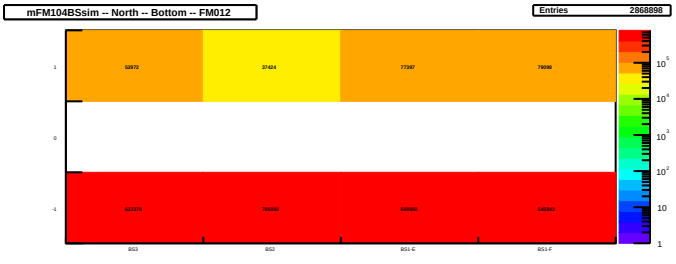
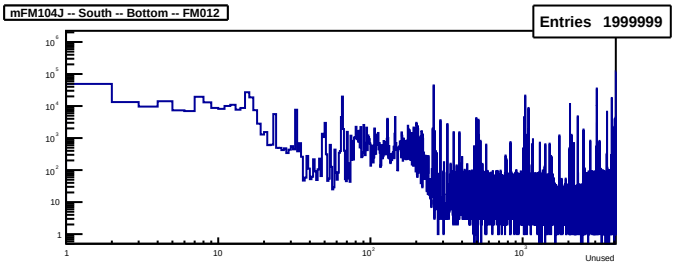
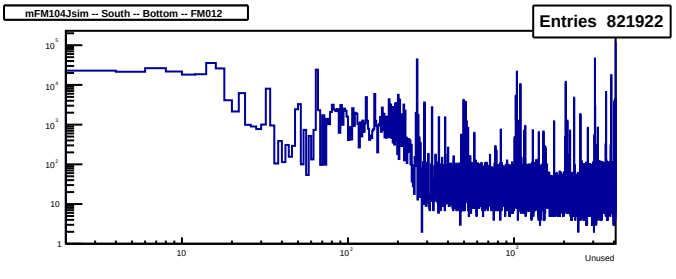

mFM104BS -- North -- Bottom -- FM012
Entries 7999996


mFM104BSsim -- North -- Bottom -- FM012
Entries 2868898


mFM104J -- South -- Bottom -- FM012
Entries 1999999
Unused


mFM104Jsim -- South -- Bottom -- FM012
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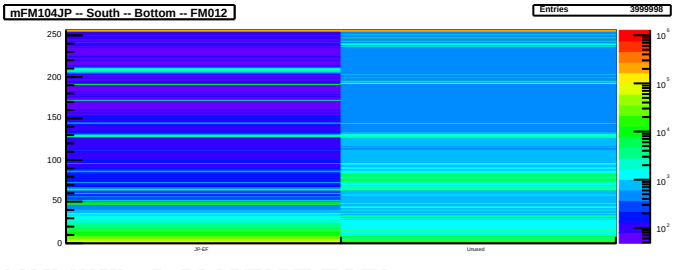
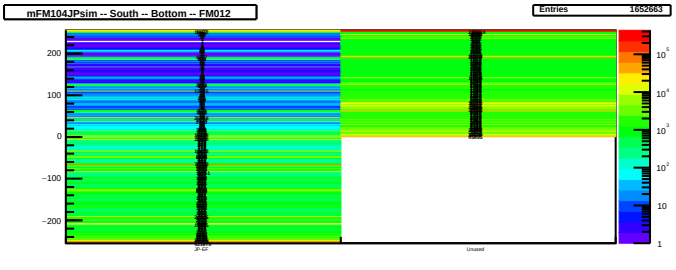
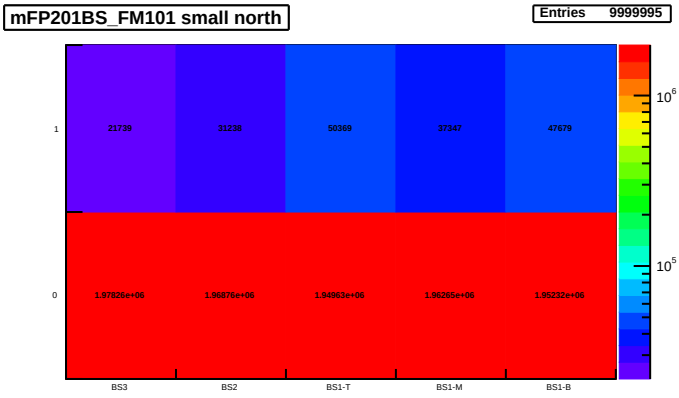
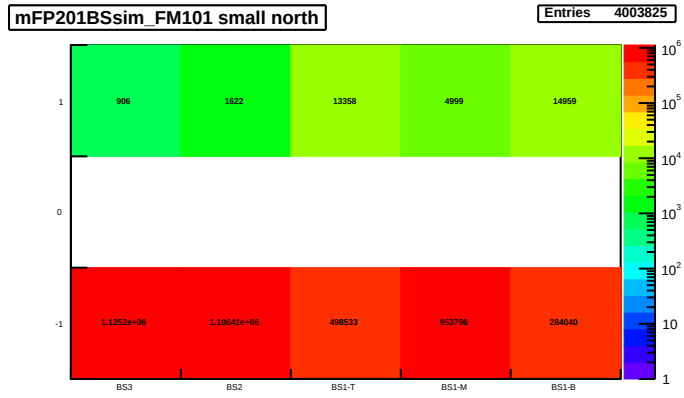
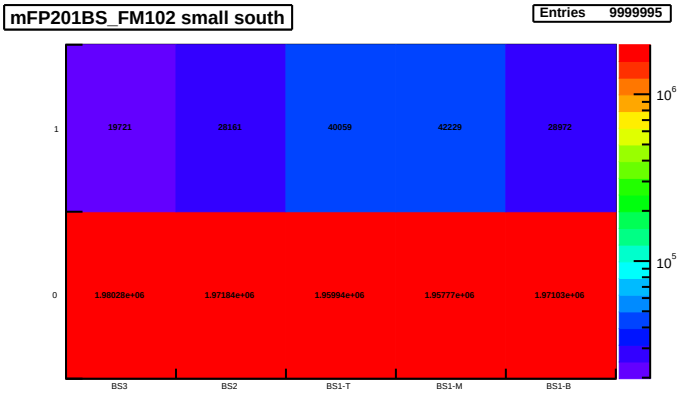
Unused


mFM104JP -- South -- Bottom -- FM012
Entries 3999998


mFM104JPsim -- South -- Bottom -- FM012
Entries 1652663


mFP201BS_FM101 small north
Entries 9999995
1
0
21739
31238
50369
37347
47679
1.97826e+06
1.96876e+06
1.94963e+06
1.96265e+06
1.95232e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$
$10^5$


mFP201BSsim_FM101 small north
Entries 4003825
1
0
-1
906
1622
13358
4999
14959
1.1252e+06
1.10641e+06
498533
953796
284040
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 9999995
1
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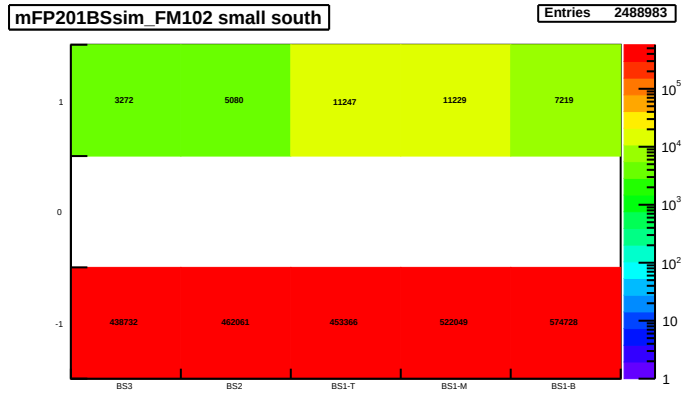
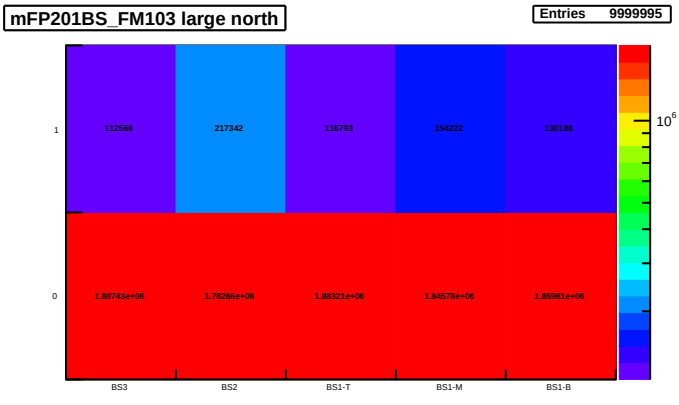
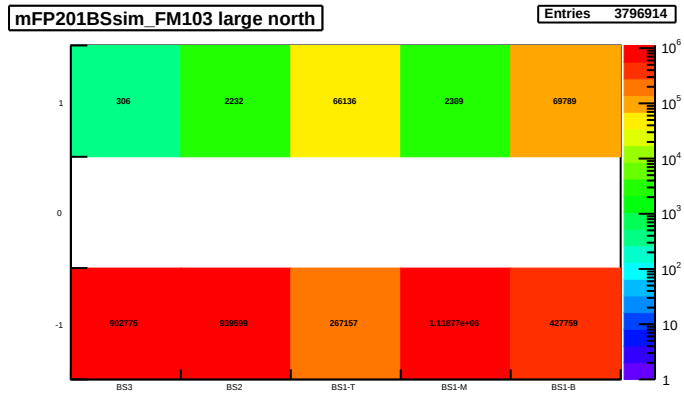
19721
28161
40059
42229
28972
1.98028e+06
1.97184e+06
1.95994e+06
1.95777e+06
1.97103e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$
$10^5$


mFP201BSsim_FM102 small south
Entries 2488983
1
0
-1
3272
5080
11247
11229
7219
438732
462061
453366
522049
574728
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^5$
$10^4$
$10^3$
$10^2$
10
1


mFP201BS_FM103 large north
Entries 9999995
1
0
112566
217342
116793
154222
130186
1.88743e+06
1.78266e+06
1.88321e+06
1.84578e+06
1.86981e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$


mFP201BSsim_FM103 large north
Entries 3796914
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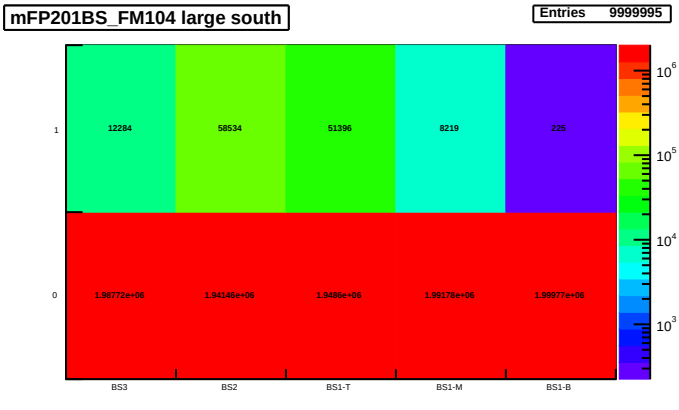
0
-1
306
2232
66136
2389
69789
902775
939599
267157
1.11877e+06
427759
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1


mFP201BS_FM104 large south
Entries 9999995
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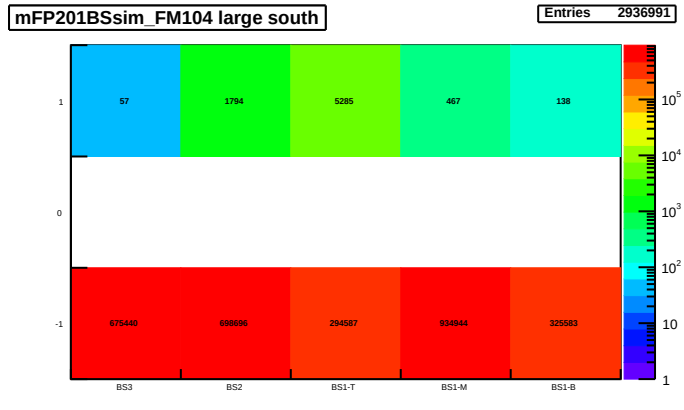
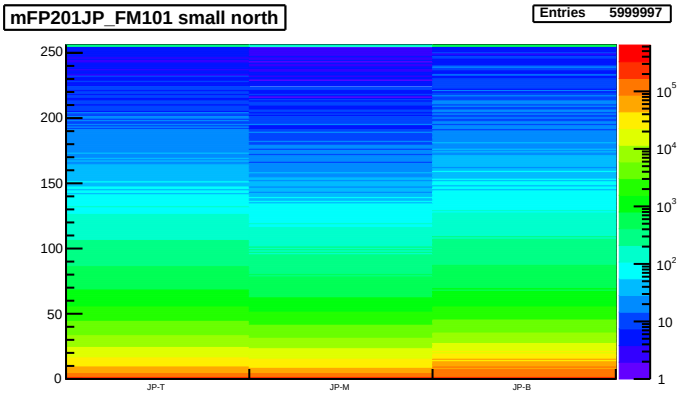
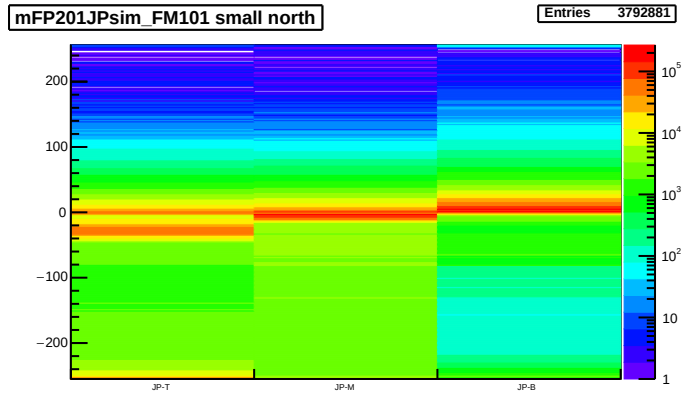
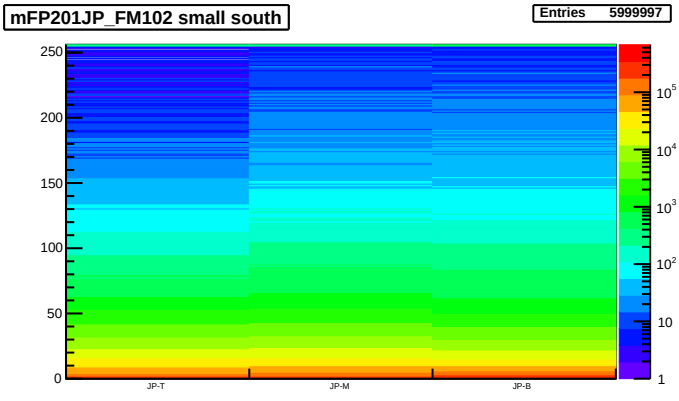
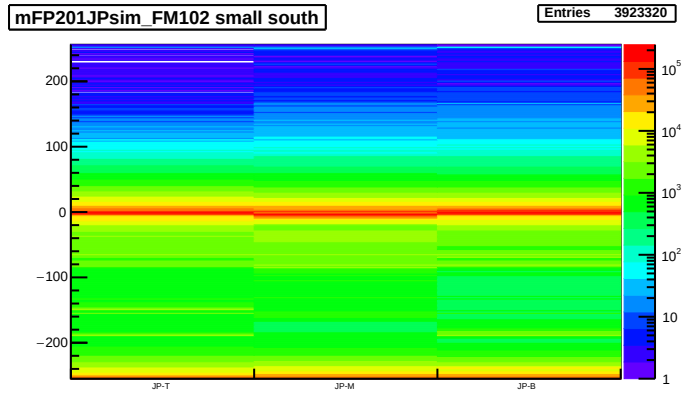
0
12284
58534
51396
8219
225
1.98772e+06
1.94146e+06
1.9486e+06
1.99178e+06
1.99977e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^6$
$10^5$
$10^4$
$10^3$

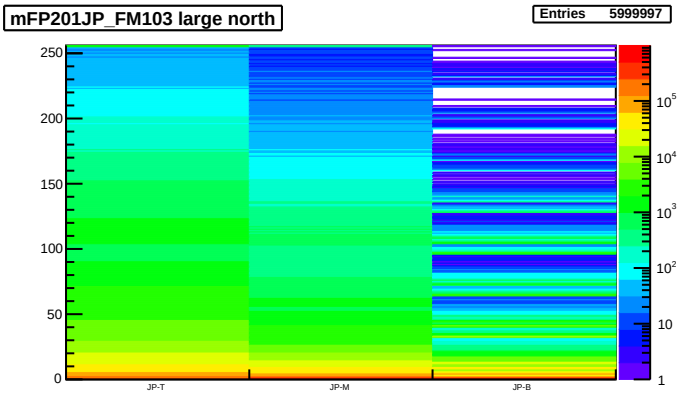

mFP201BSsim_FM104 large south
Entries 2936991
1
0
-1
57
1794
5285
467
138
675440
698696
294587
934944
325583
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^5$
$10^4$
$10^3$
$10^2$
10
1

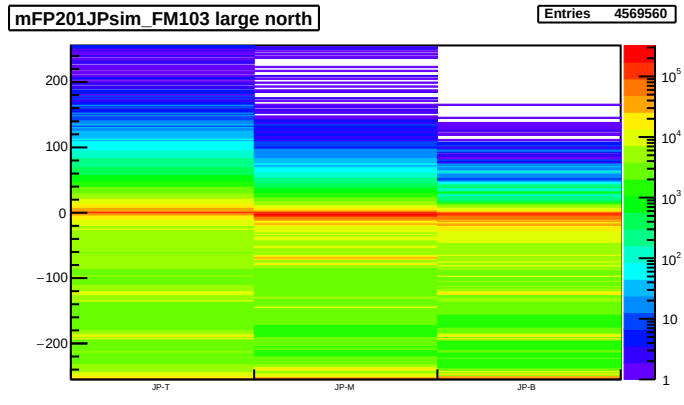

mFP201JP_FM101 small north
Entries 5999997
JP-T
JP-M
JP-B

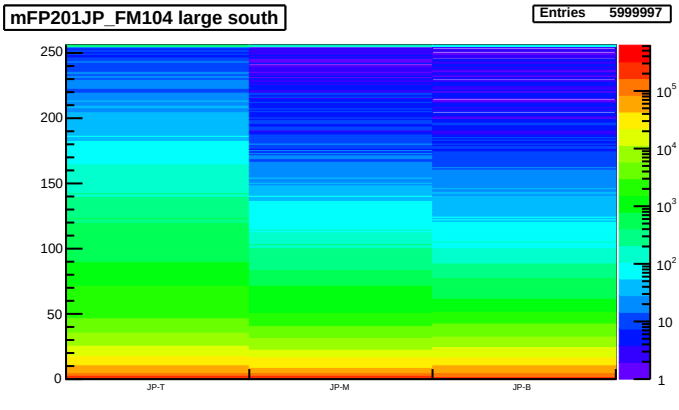

mFP201JPsim_FM101 small north
Entries 3792881
JP-T
JP-M
JP-B

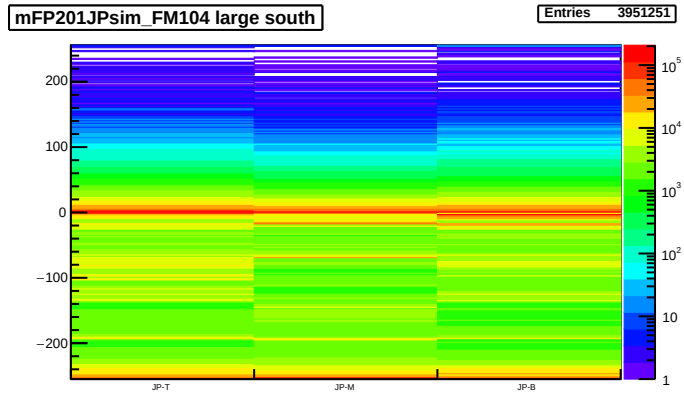

mFP201JP_FM102 small south
Entries 5999997
JP-T
JP-M
JP-B

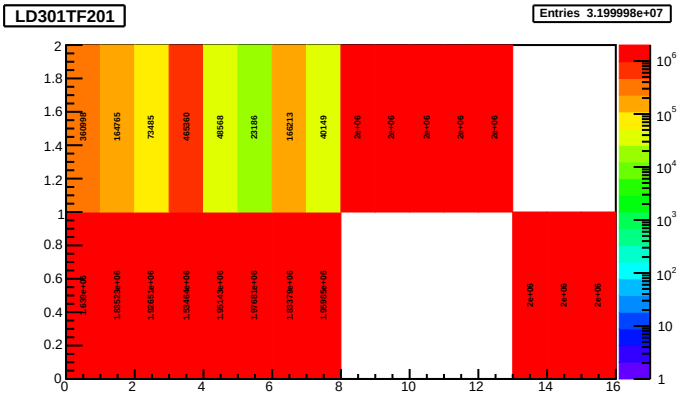

mFP201JPsim_FM102 small south
Entries 3923320
JP-T
JP-M
JP-B

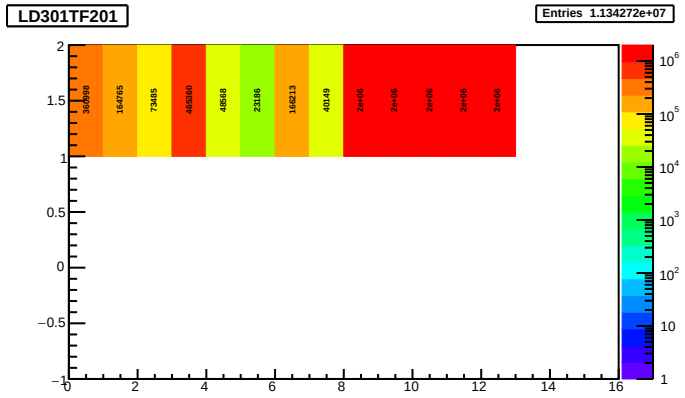

mFP201JP_FM103 large north
Entries 5999997
JP-T
JP-M
JP-B

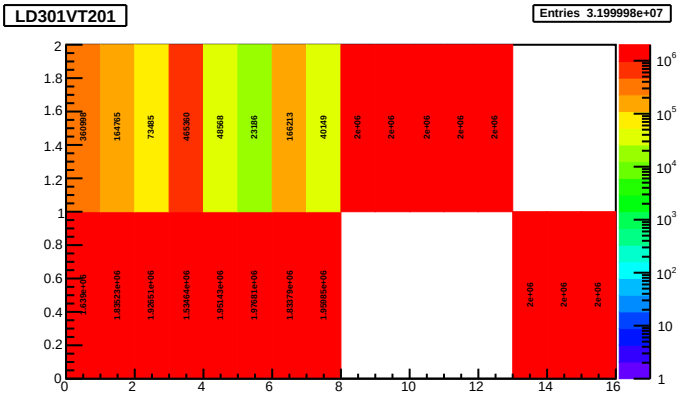

mFP201JPsim_FM103 large north
Entries 4569560
JP-T
JP-M
JP-B

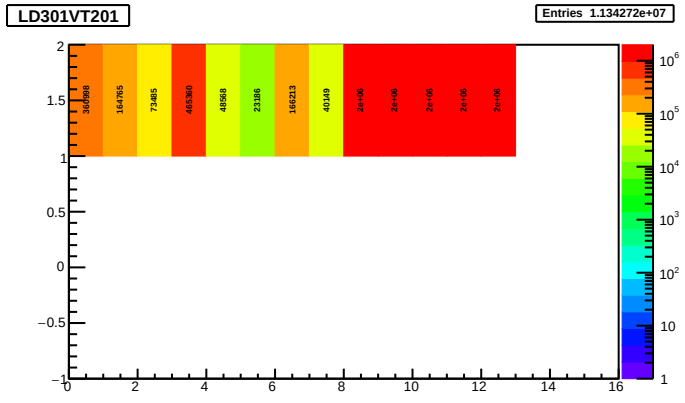

mFP201JP_FM104 large south
Entries 5999997
JP-T
JP-M
JP-B

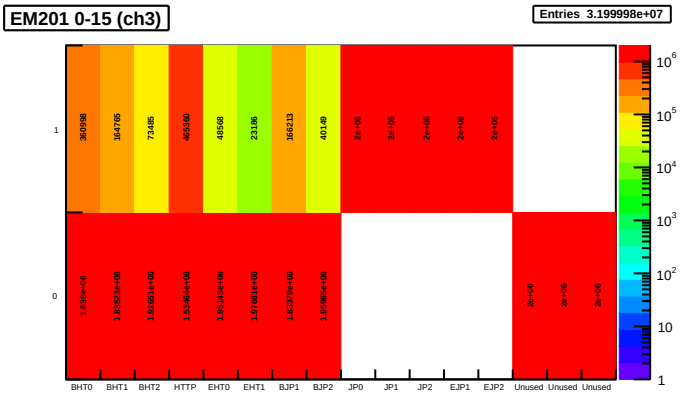

mFP201JPsim_FM104 large south
Entries 3951251
JP-T
JP-M
JP-B

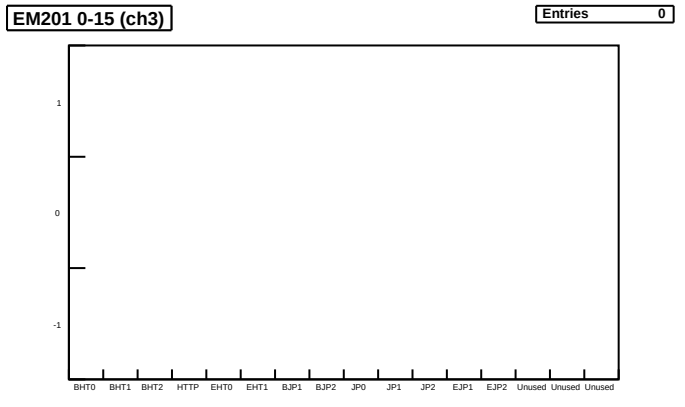

LD301TF201
Entries 3.199998e+07

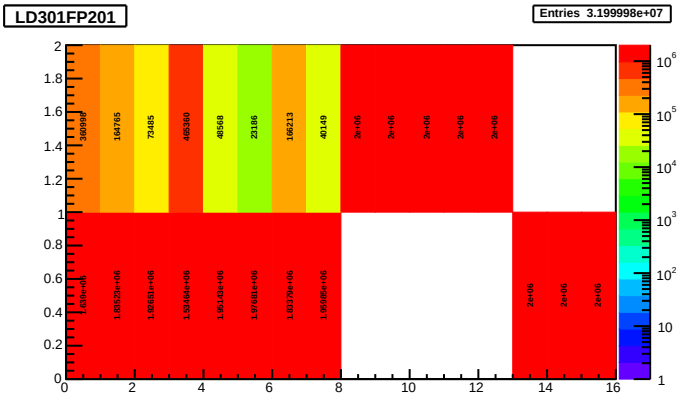

LD301TF201
Entries 1.134272e+07

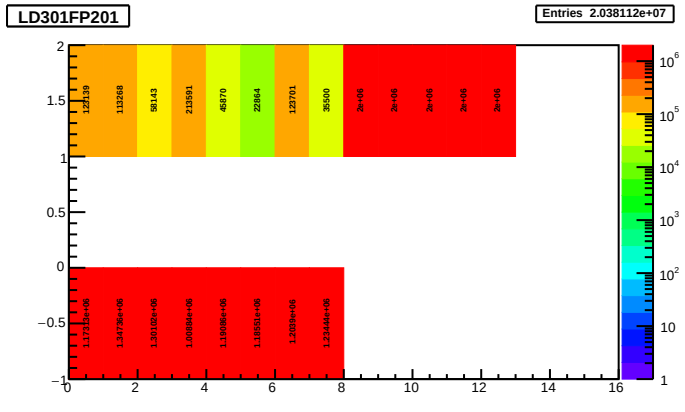

LD301VT201
Entries 3.199998e+07


LD301VT201
Entries 1.134272e+07


EM201 0-15 (ch3)
Entries 3.199998e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 3.199998e+07


LD301FP201
Entries 2.038112e+07