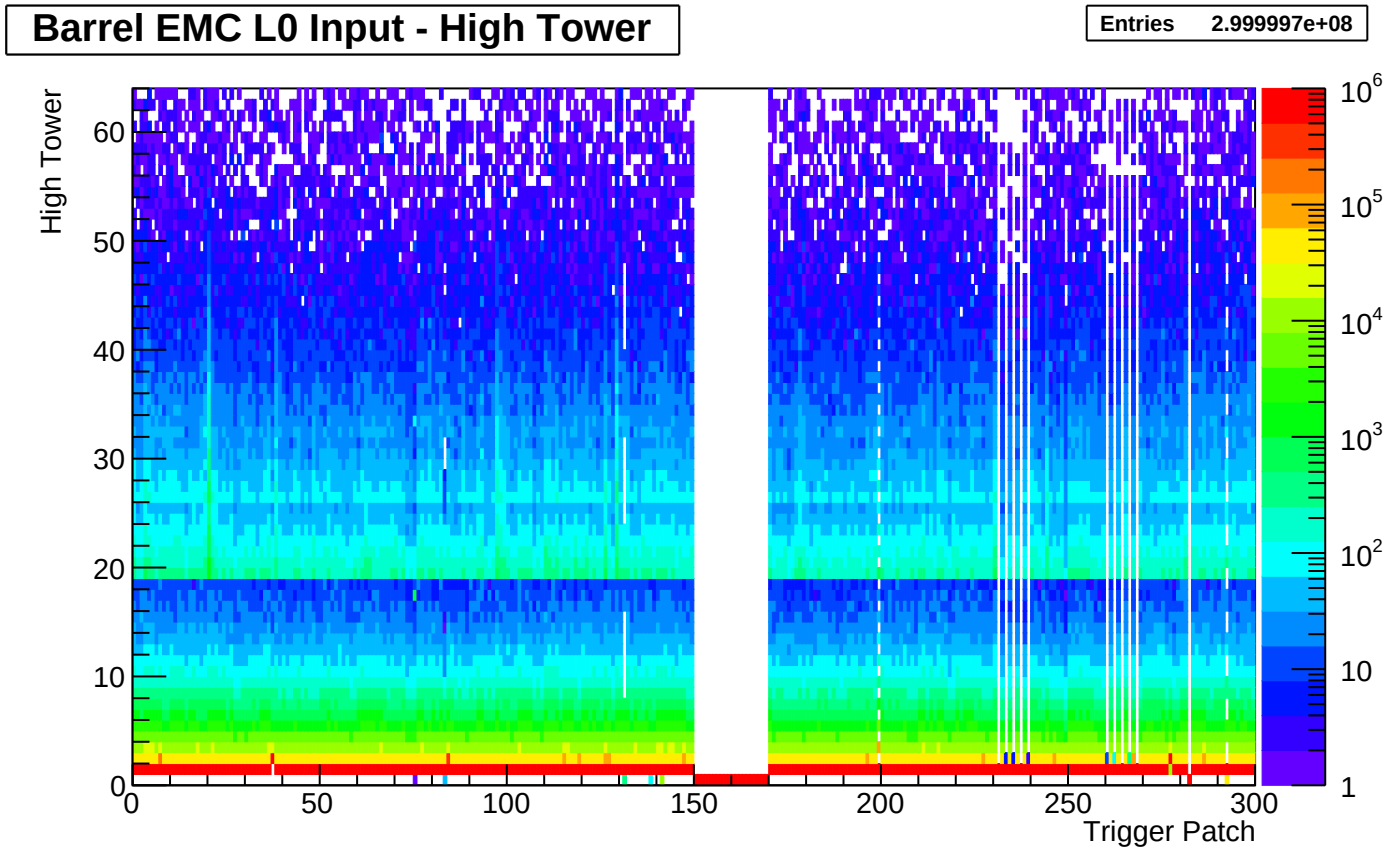
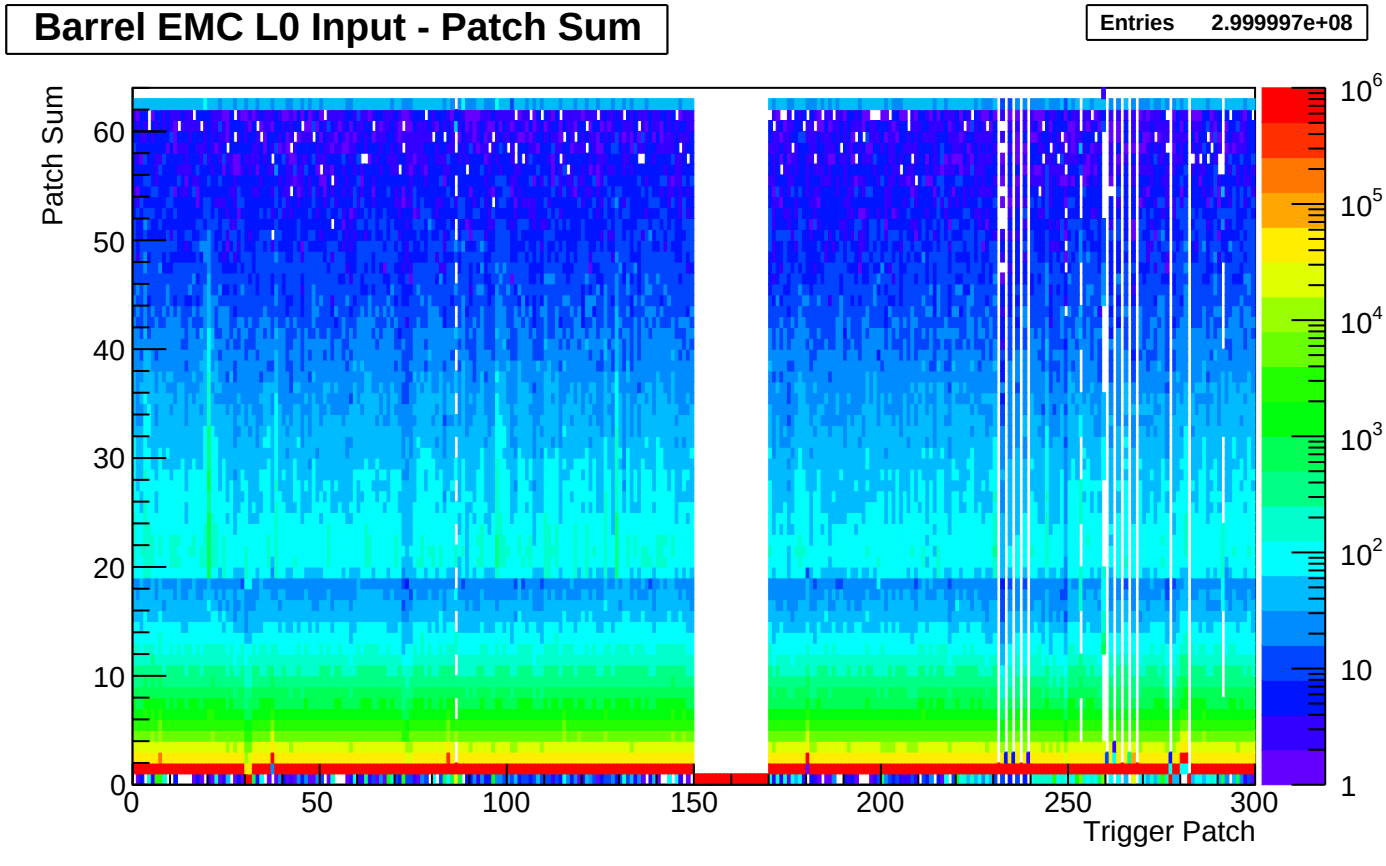
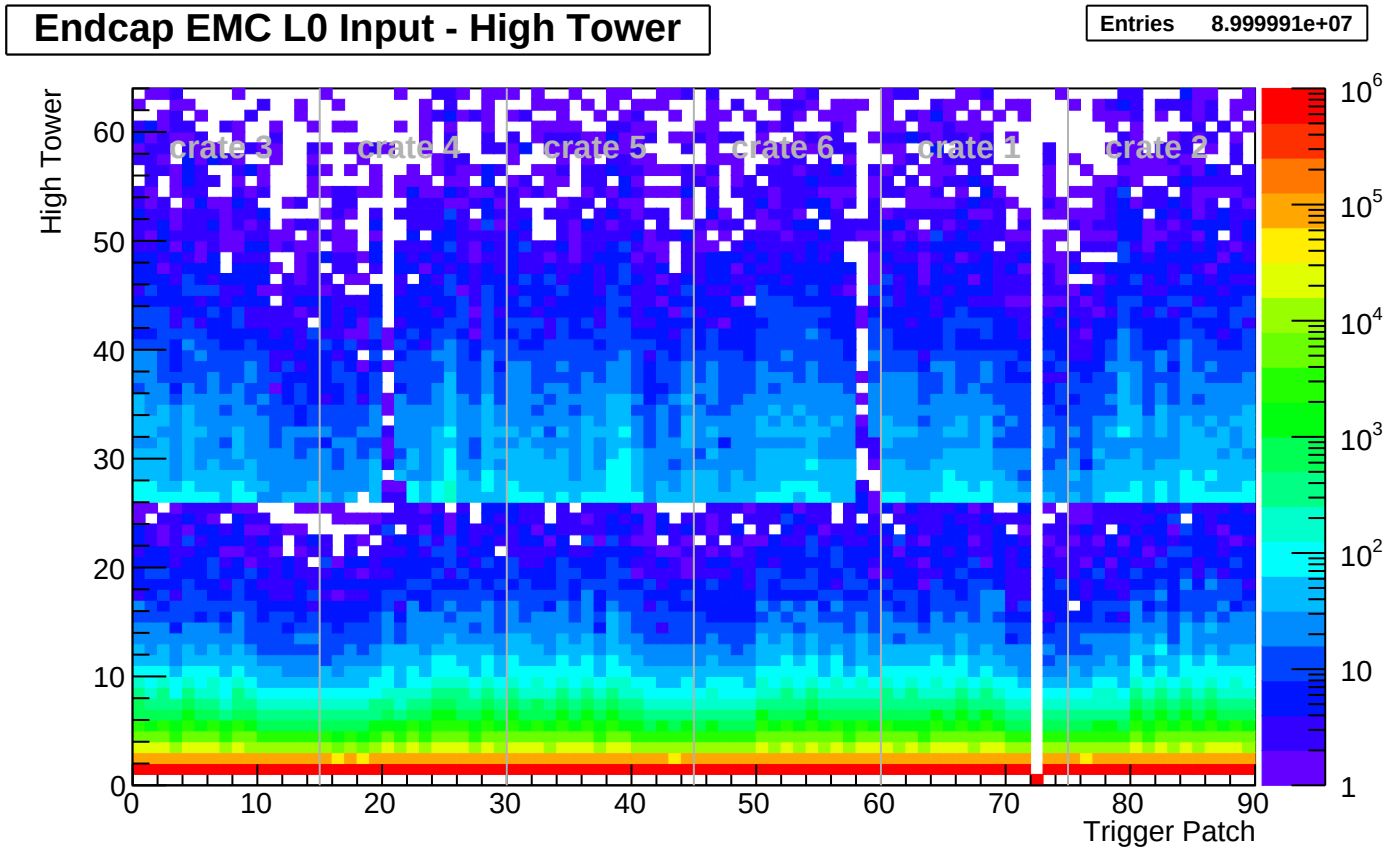
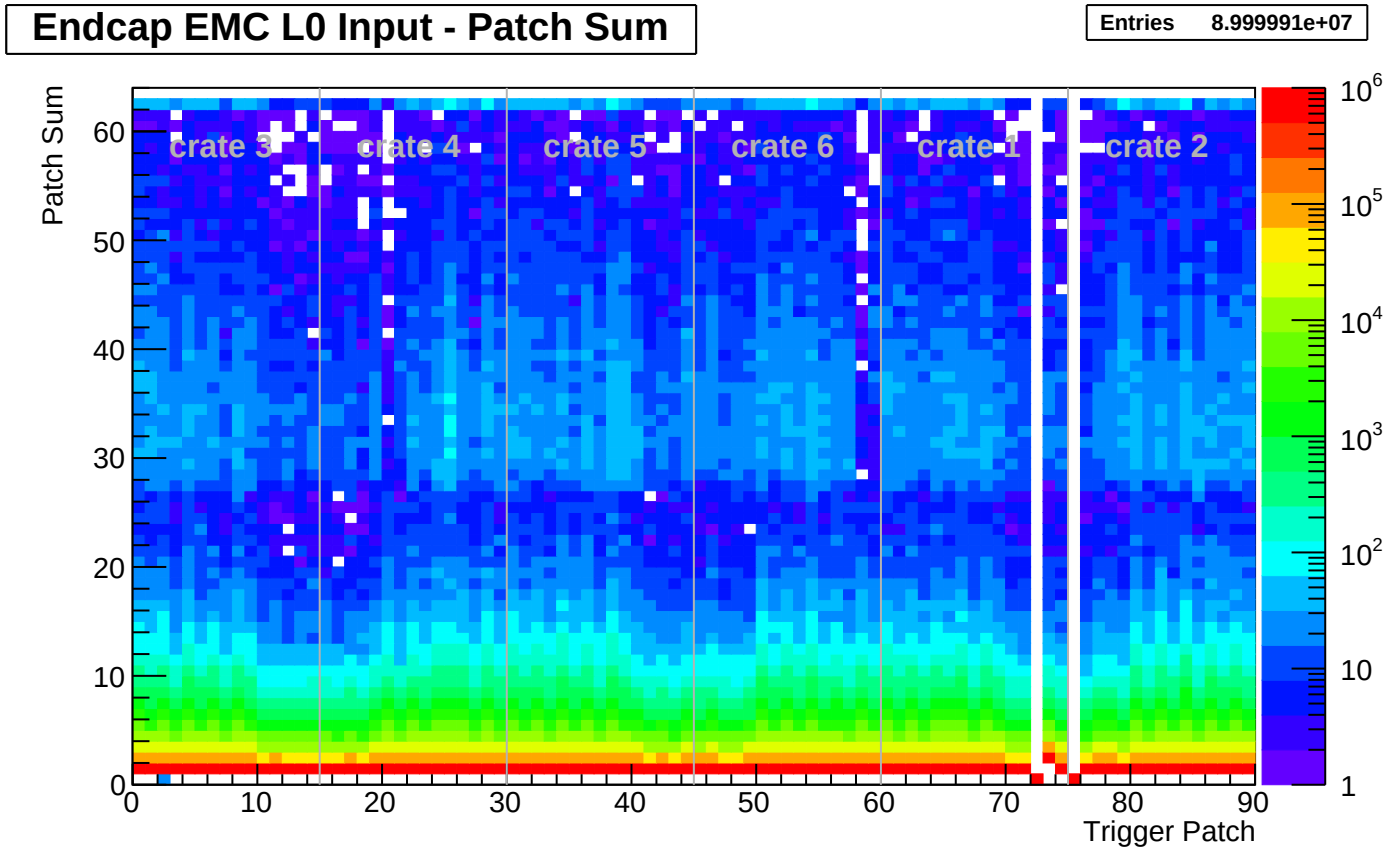
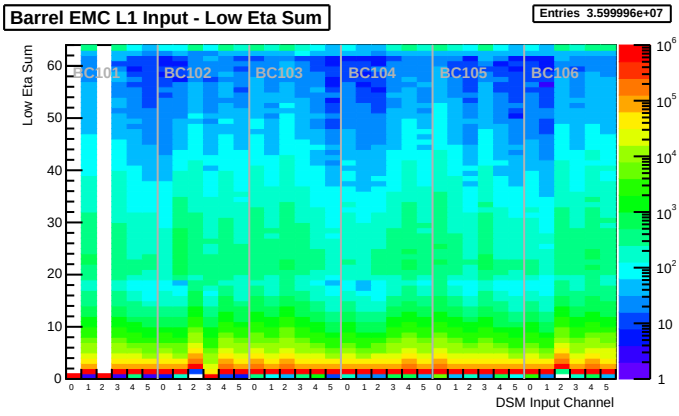
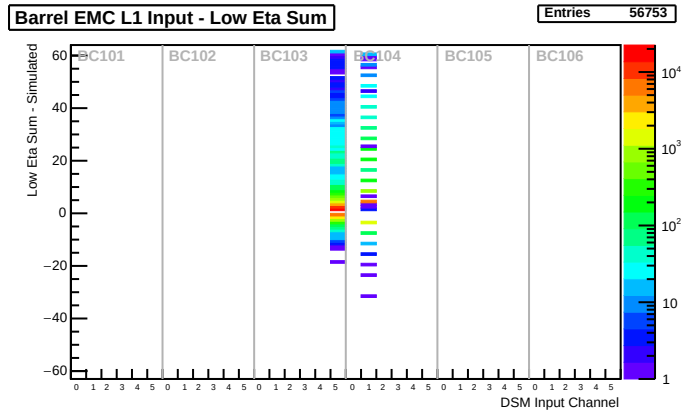

Barrel EMC L0 Input - High Tower
Entries 2.999997e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

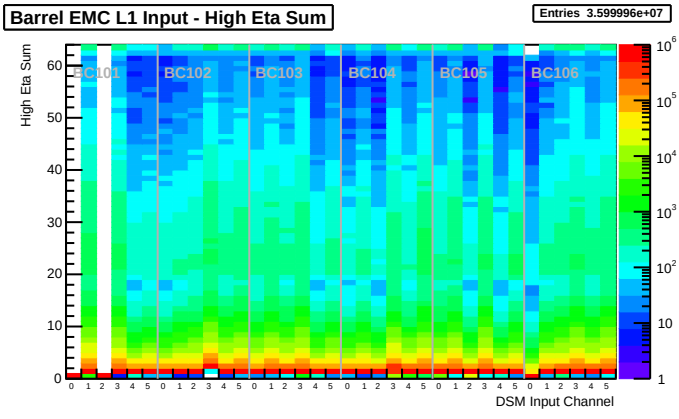

Barrel EMC L0 Input - Patch Sum
Entries 2.999997e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

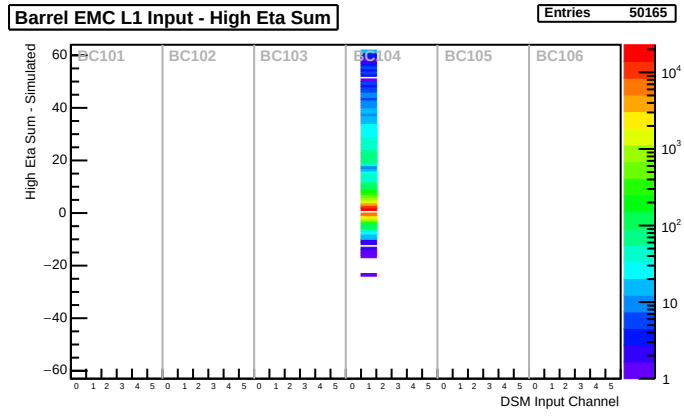

Endcap EMC L0 Input - High Tower
Entries 8.999991e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

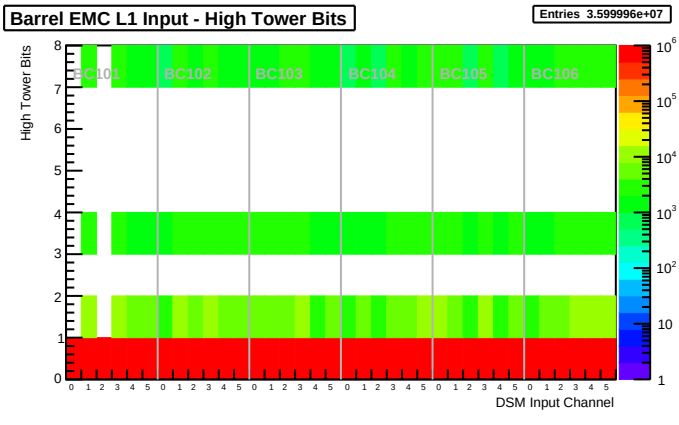

Endcap EMC L0 Input - Patch Sum
Entries 8.999991e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

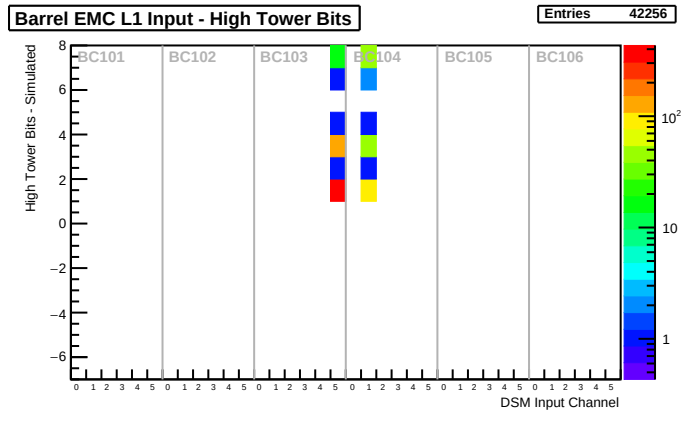

Barrel EMC L1 Input - Low Eta Sum
Entries 3.599996e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

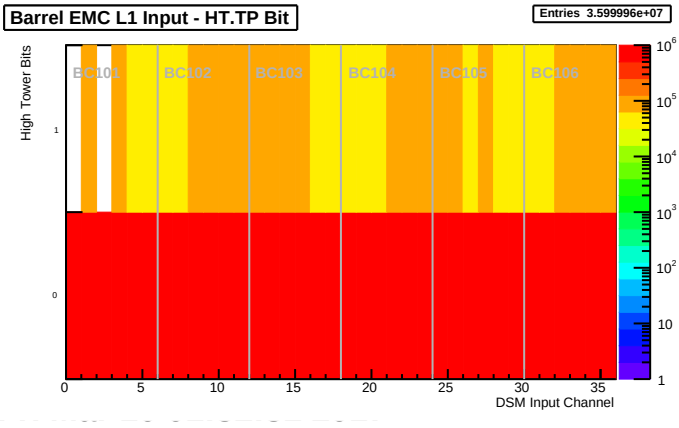

Barrel EMC L1 Input - Low Eta Sum
Entries 56753
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

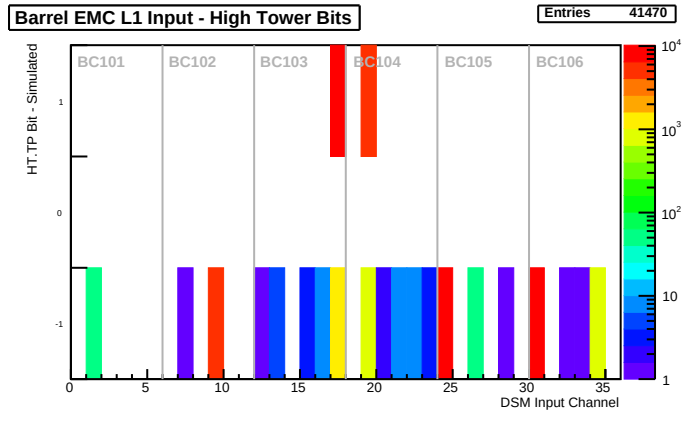

Barrel EMC L1 Input - High Eta Sum
Entries 3.599996e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

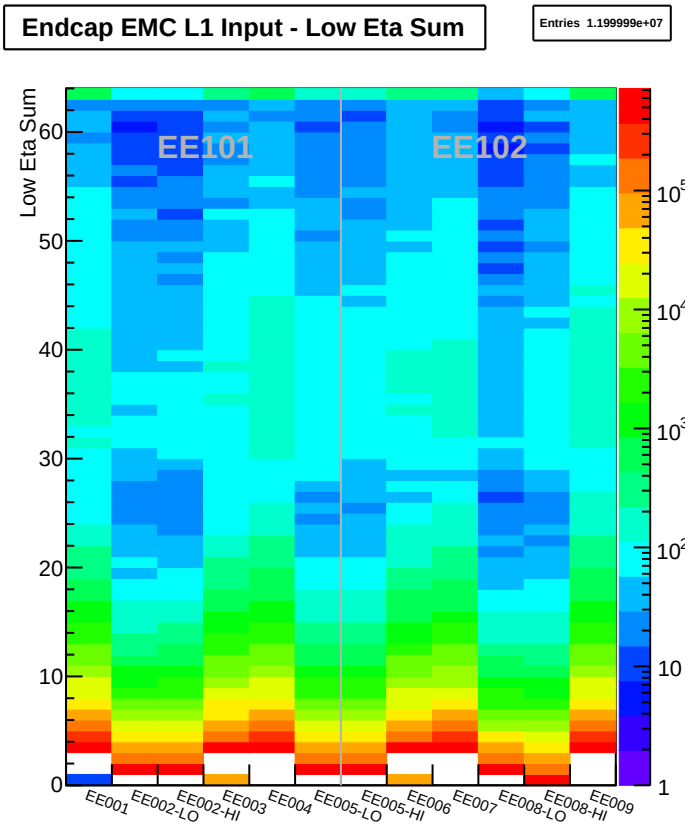

Barrel EMC L1 Input - High Eta Sum
Entries 50165
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

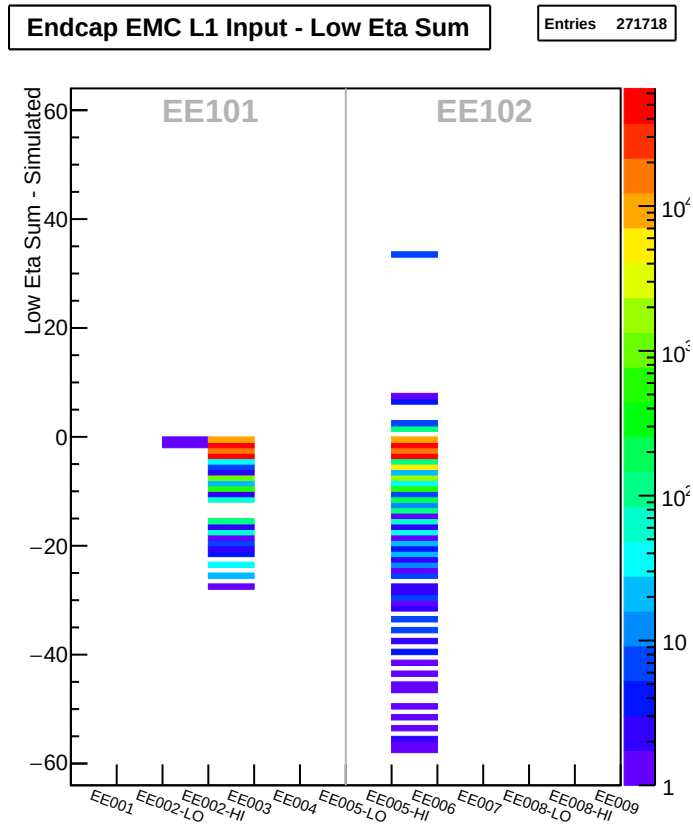

Barrel EMC L1 Input - High Tower Bits
Entries 3.599996e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

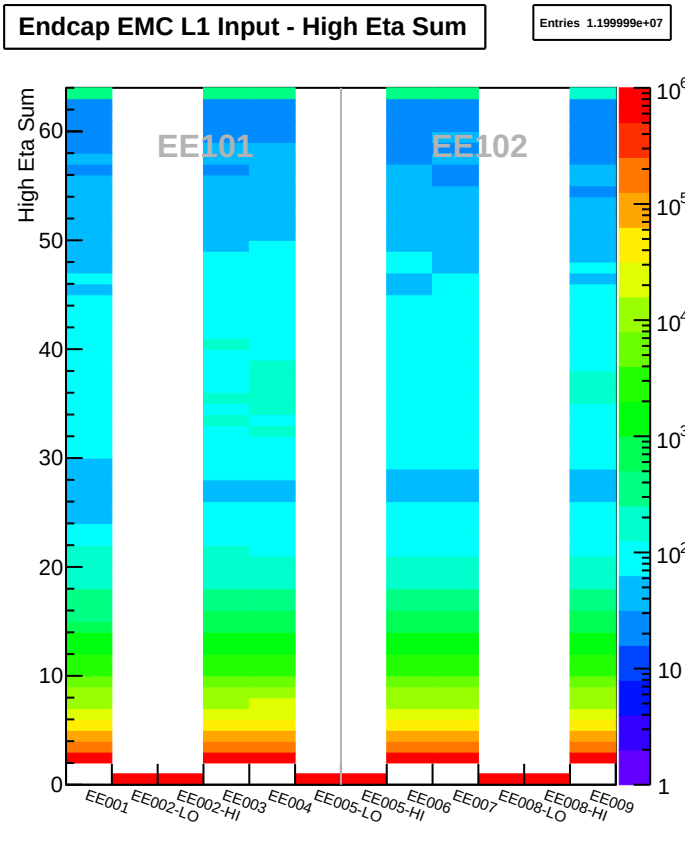

Barrel EMC L1 Input - High Tower Bits
Entries 42256
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

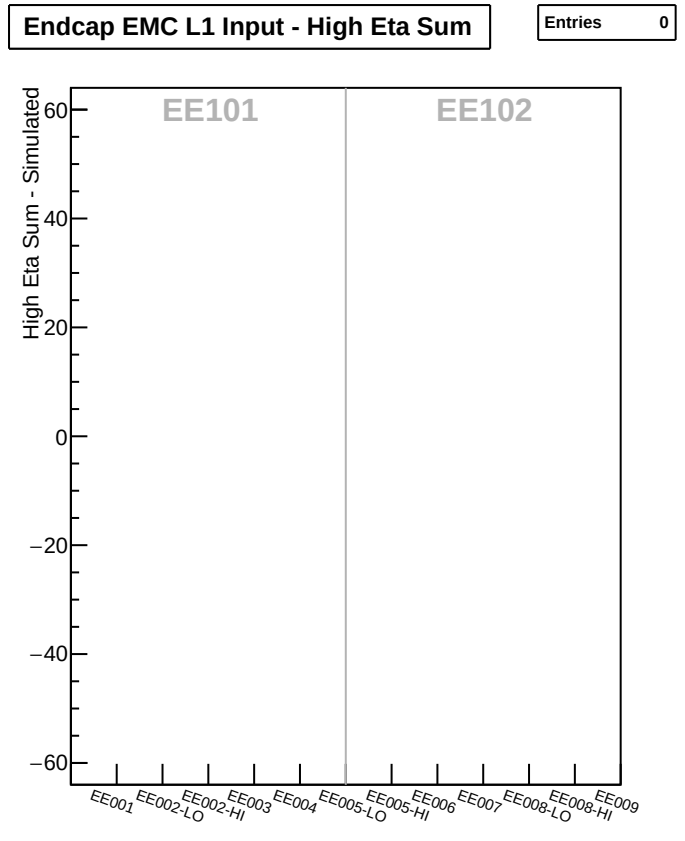

Barrel EMC L1 Input - HT.TP Bit
Entries 3.599996e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

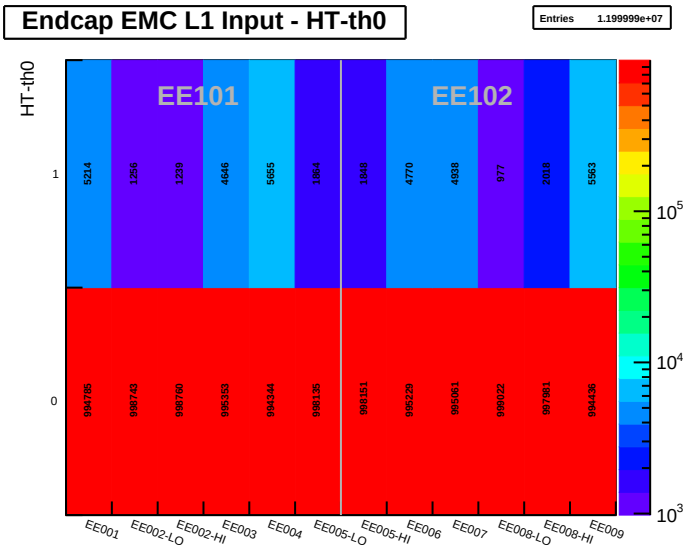

Barrel EMC L1 Input - High Tower Bits
Entries 41470
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

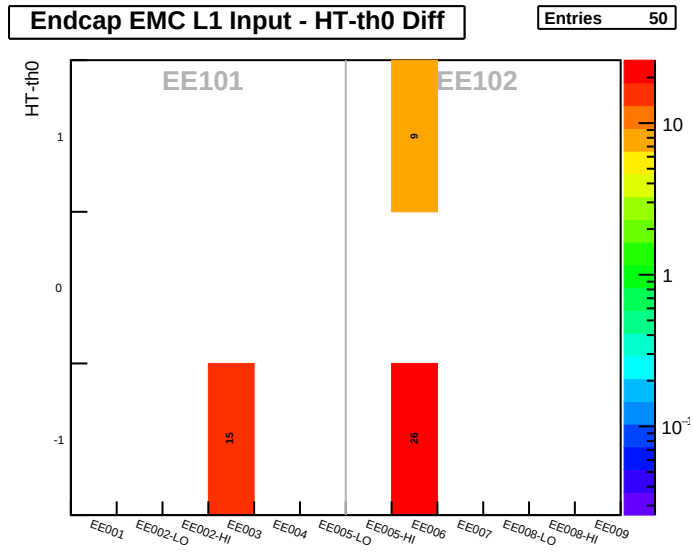

Endcap EMC L1 Input - Low Eta Sum
Entries 1.199999e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

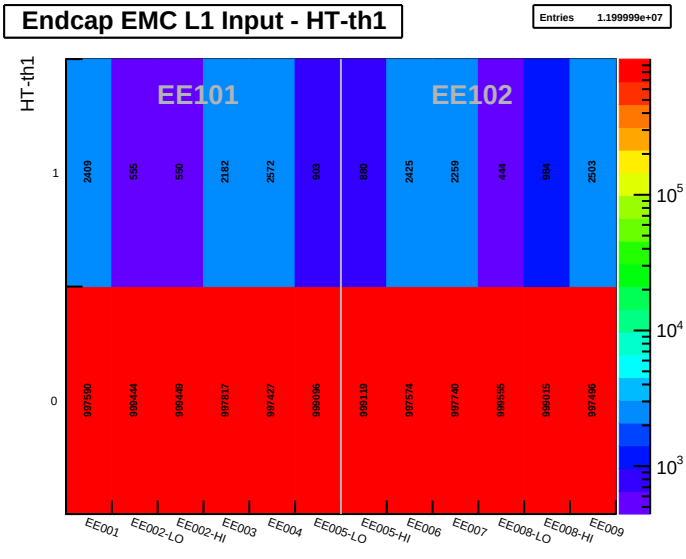

Endcap EMC L1 Input - Low Eta Sum
Entries 271718
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

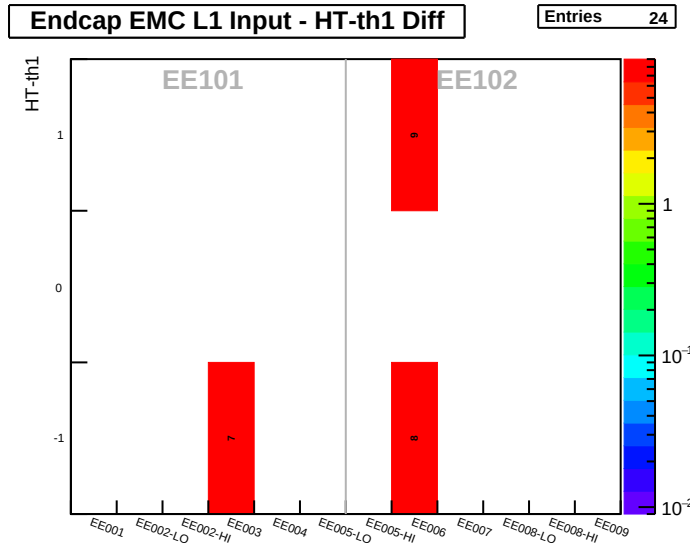

Endcap EMC L1 Input - High Eta Sum
Entries 1.199999e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

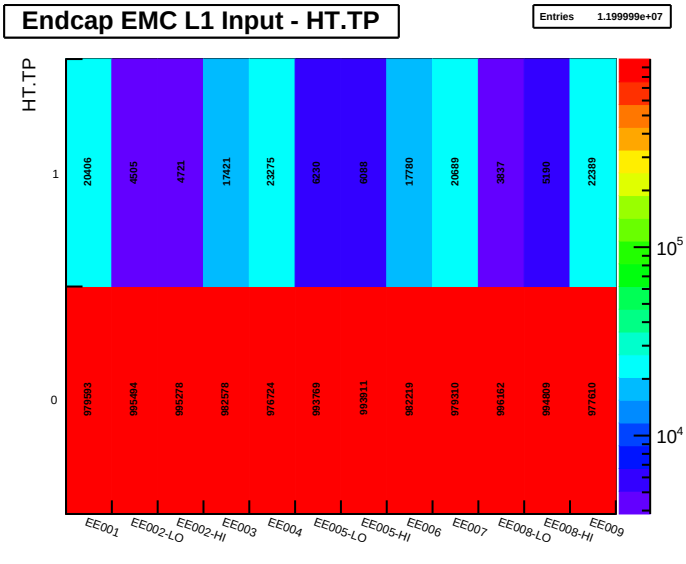

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

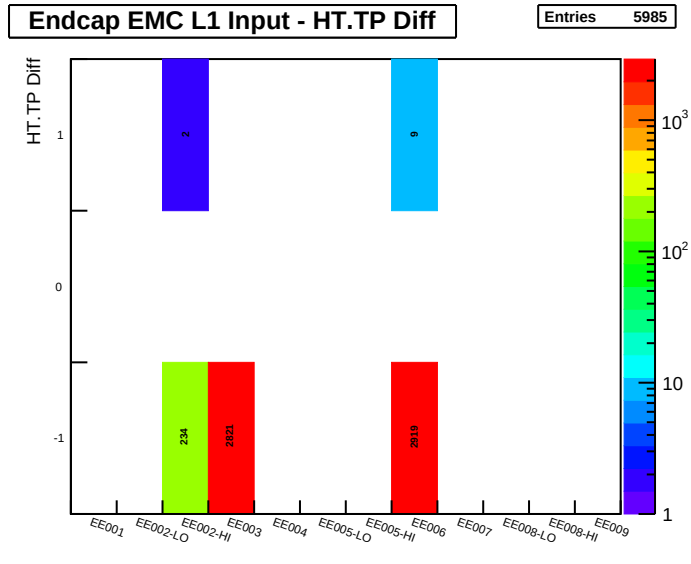

Endcap EMC L1 Input - HT-th0
Entries 1.199999e+07
HT-th0
EE101
EE102
1
0
5214 1256 1239 4846 5655 1864 1848 4770 4938 977 2018 5563
994785 998743 998760 995353 994344 998135 998151 995229 995061 998022 997981 994436
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
$10^5$
$10^4$
$10^3$

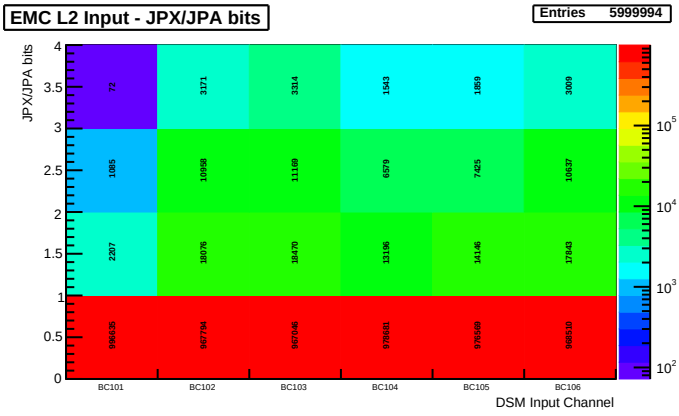

Endcap EMC L1 Input - HT-th0 Diff
Entries 50
HT-th0
EE101
EE102
1
0
-1
9
15
26
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
$10^{-1}$

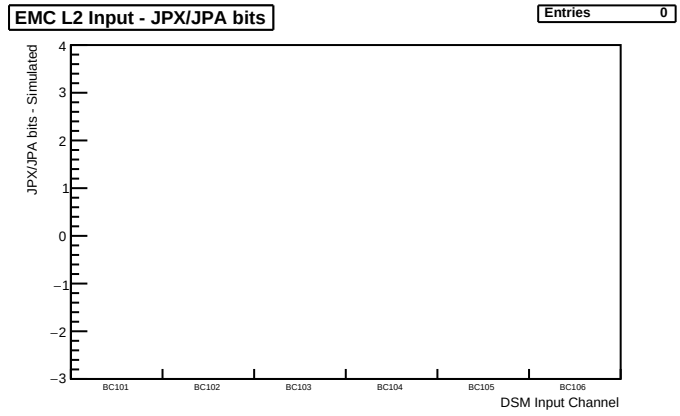

Endcap EMC L1 Input - HT-th1
Entries 1.199999e+07
HT-th1
EE101
EE102
1
0
2409 555 550 2182 2572 903 880 2425 2259 444 984 2503
997590 999444 999449 997817 997427 999096 999119 997574 997740 999555 999015 997496
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
$10^5$
$10^4$
$10^3$

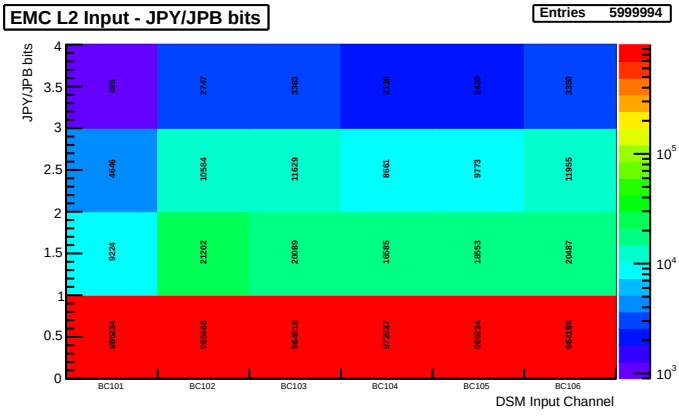

Endcap EMC L1 Input - HT-th1 Diff
Entries 24
HT-th1
EE101
EE102
1
0
-1
9
7
8
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
1
$10^{-1}$

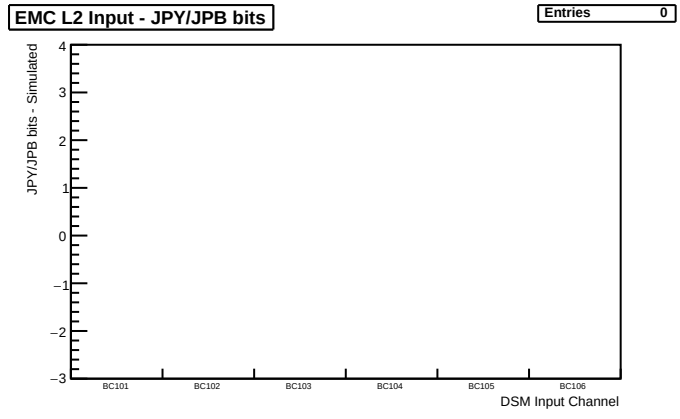

Endcap EMC L1 Input - HT.TP
Entries 1.199999e+07
HT.TP
1
0
20406 4505 4721 17421 23275 6230 6086 17780 20689 3637 5190 22389
979593 995494 995278 982578 976724 993769 993911 982219 979310 996162 994809 977610
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
$10^5$
$10^4$

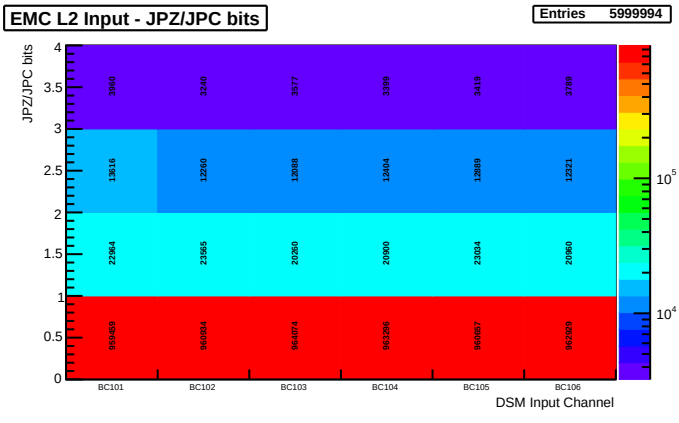

Endcap EMC L1 Input - HT.TP Diff
Entries 5985
HT.TP Diff
1
0
-1
2
9
234
2821
2919
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
$10^3$
$10^2$
10
1

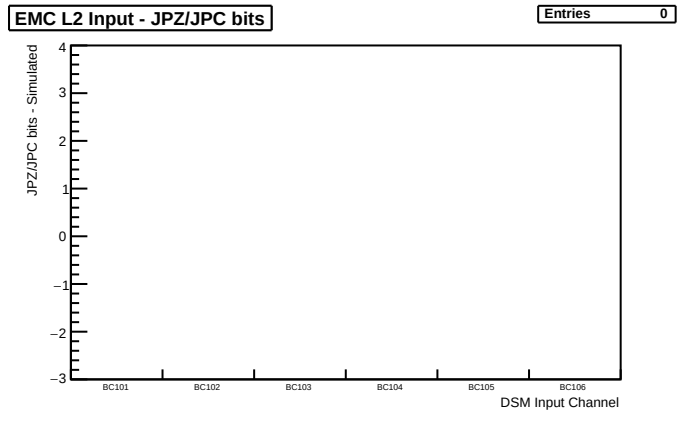

EMC L2 Input - JPX/JPA bits
Entries 5999994
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
72 3171 3314 1543 1859 3009
1085 10958 11189 6579 7425 10637
2207 18076 18470 13196 14146 17943
996635 967794 967046 978681 978569 968510

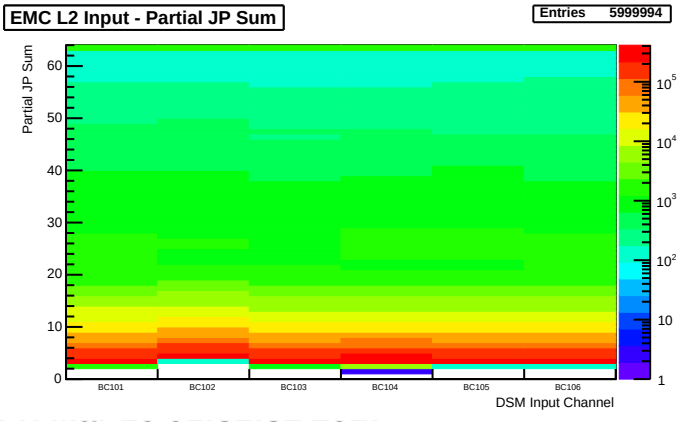

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

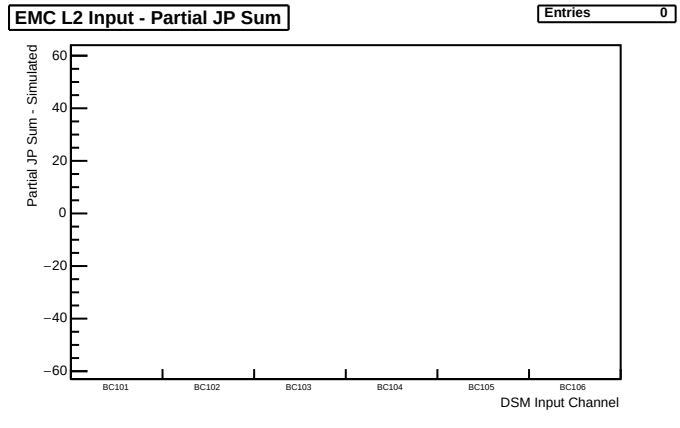

EMC L2 Input - JPY/JPB bits
Entries 5999994
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
895 2747 3383 2116 2439 3350
4646 10584 11629 8661 9773 11955
9224 21202 20989 16585 18553 20487
938234 965466 964818 972837 969234 964188

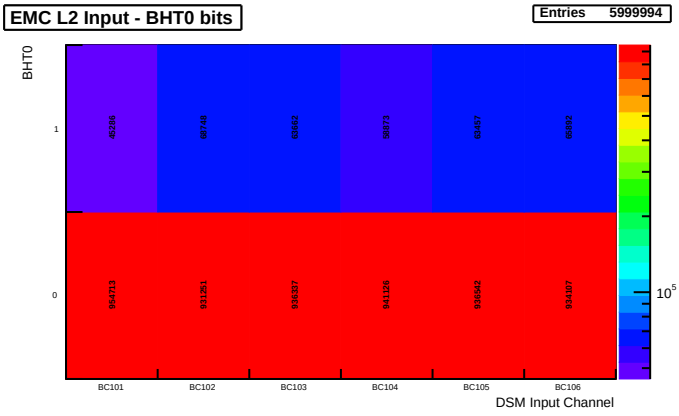

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

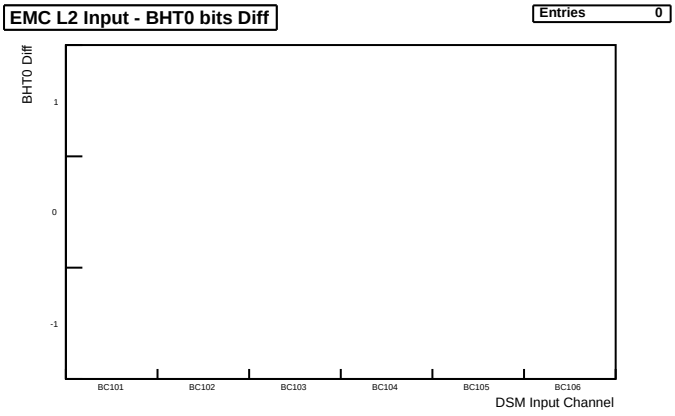

EMC L2 Input - JPZ/JPC bits
Entries 5999994
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
3860 3240 3577 3399 3419 3789
13516 12260 12388 12404 12389 12221
22964 23965 20260 20900 23084 20960
959459 960994 964074 963296 960657 962929

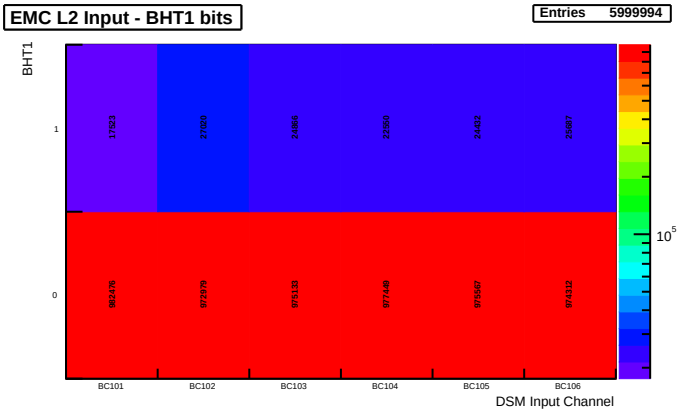

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

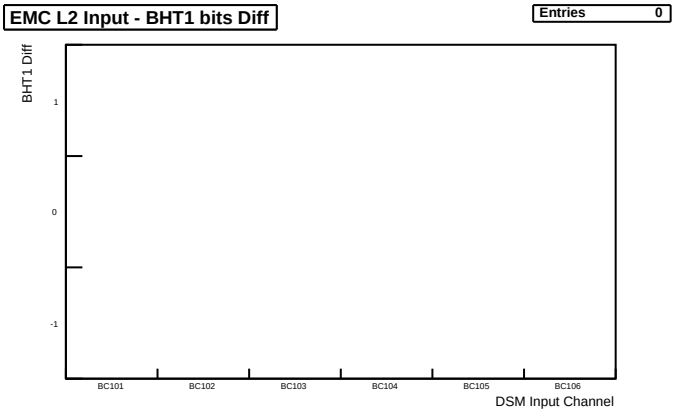

EMC L2 Input - Partial JP Sum
Entries 5999994
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

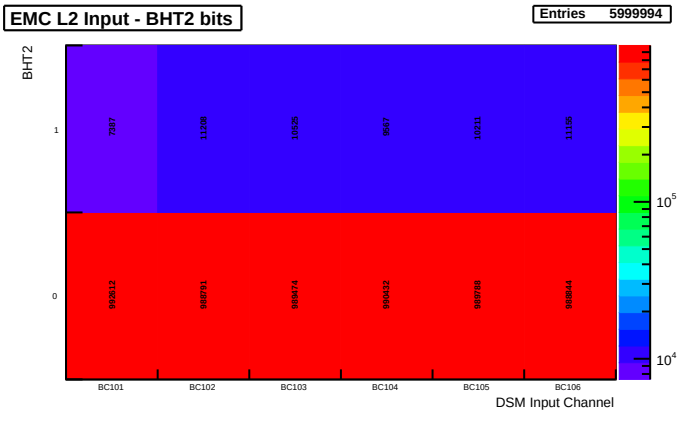

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

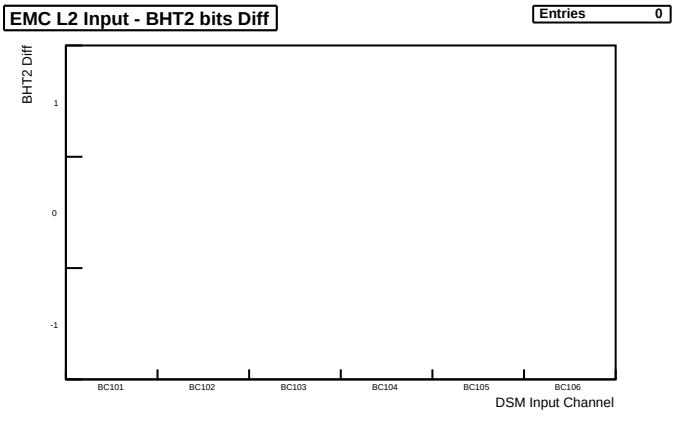

EMC L2 Input - BHT0 bits
Entries 5999994
BHT0
1
0
45258
69748
68652
68873
68457
68802
954713
931251
936337
941126
936542
934107
$10^5$
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

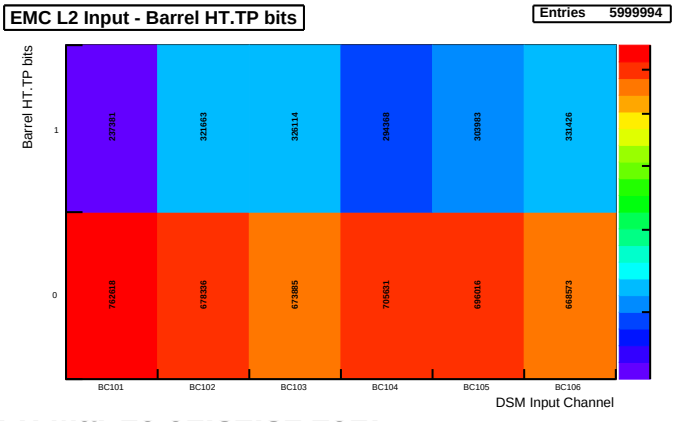

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

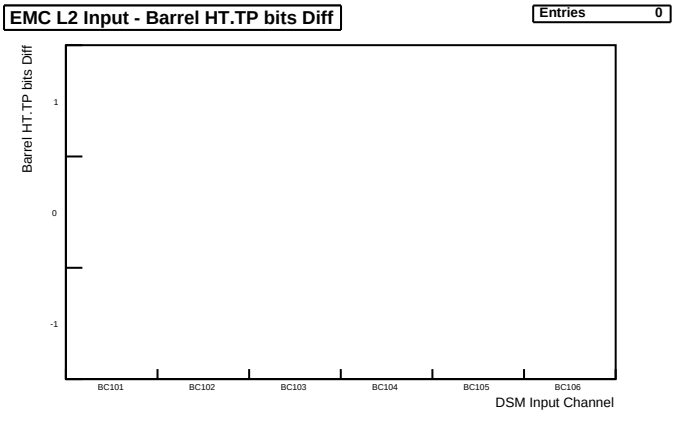

EMC L2 Input - BHT1 bits
Entries 5999994
BHT1
1
0
17523
27020
24866
22550
24432
25687
982476
972979
975133
977449
975567
974312
$10^5$
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

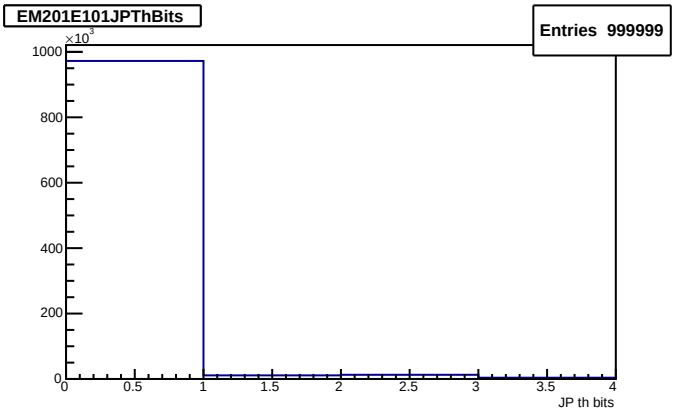

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

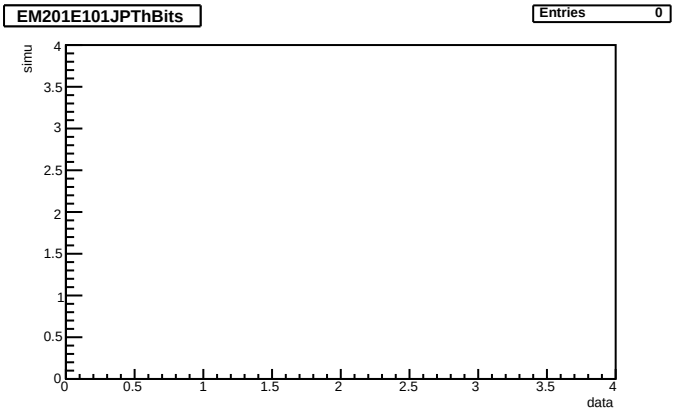

EMC L2 Input - BHT2 bits
Entries 5999994
BHT2
1
0
7437
11208
10325
9567
10211
11155
992812
987791
989474
990432
989788
988844
$10^5$
$10^4$
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

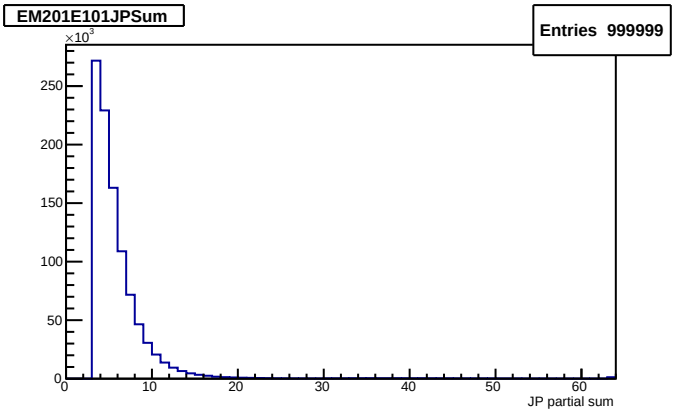

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

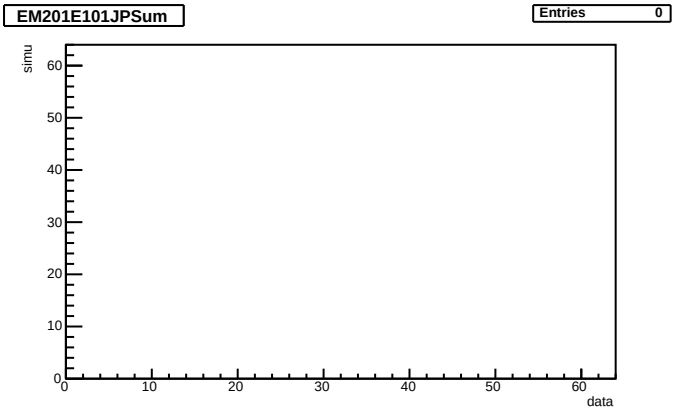

EMC L2 Input - Barrel HT.TP bits
Entries 5999994
Barrel HT.TP bits
1
0
237361
321663
326114
294368
303983
331426
762018
678336
673865
705631
696016
668573
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

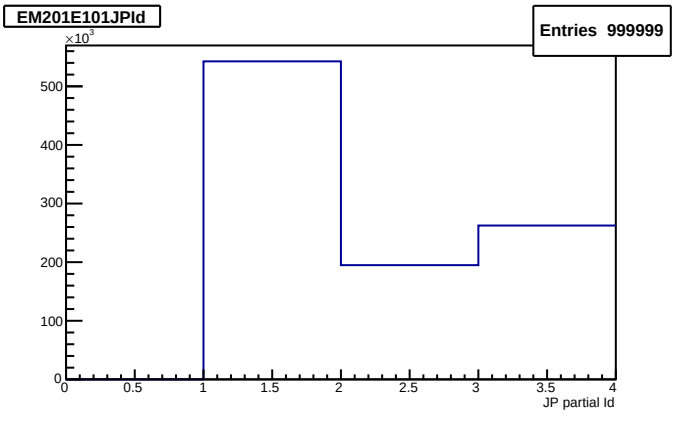

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

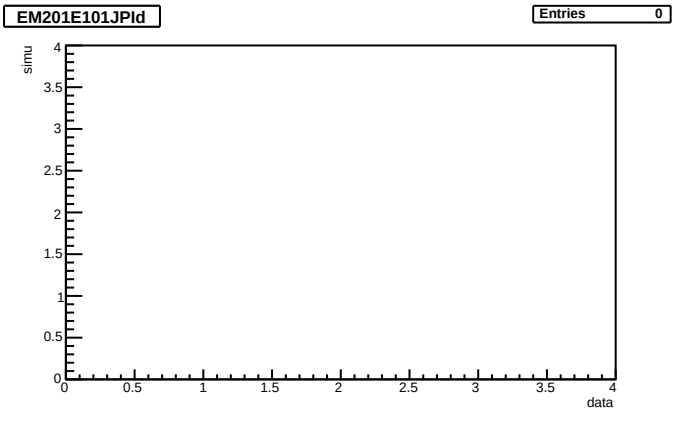

EM201E101JPThBits
Entries 999999
×10^3
JP th bits

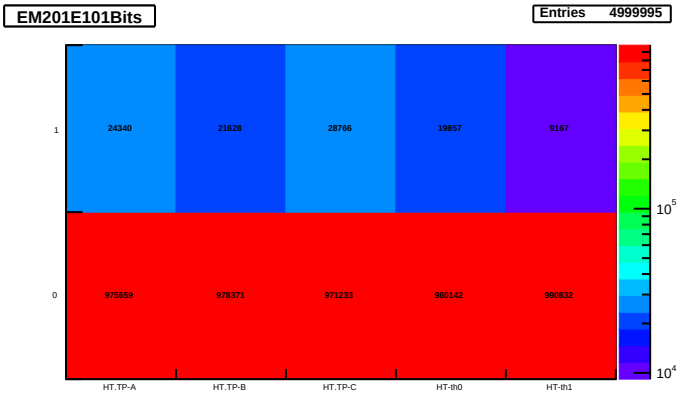

EM201E101JPThBits
Entries 0
simu
data

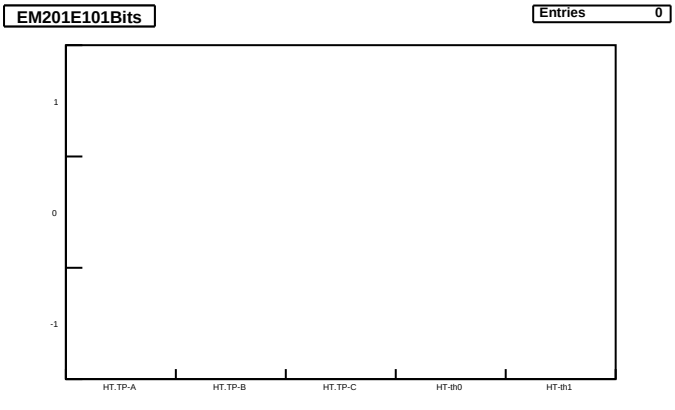

EM201E101JPSum
Entries 999999
×10^3
JP partial sum

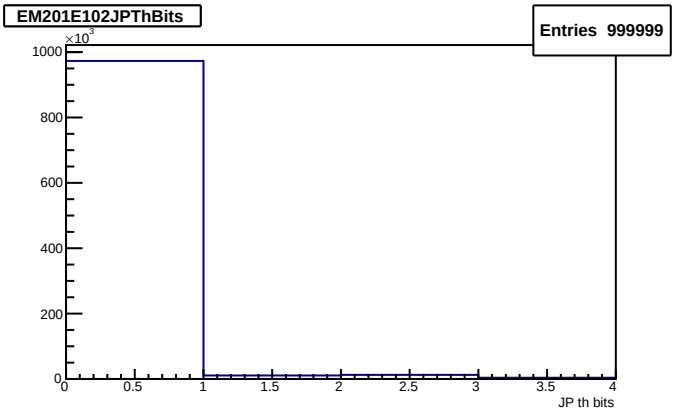

EM201E101JPSum
Entries 0
simu
data

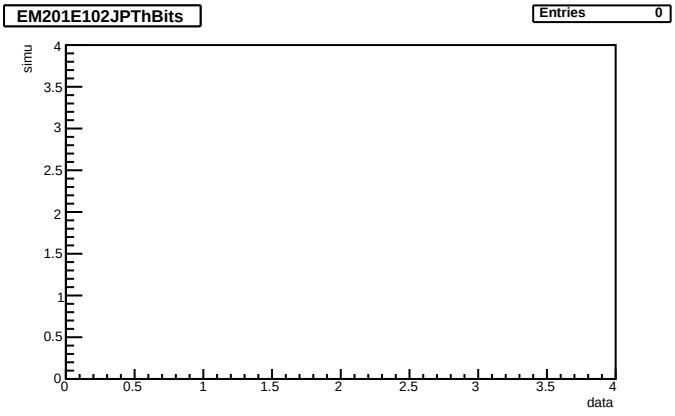

EM201E101JPId
Entries 999999
×10^3
JP partial Id

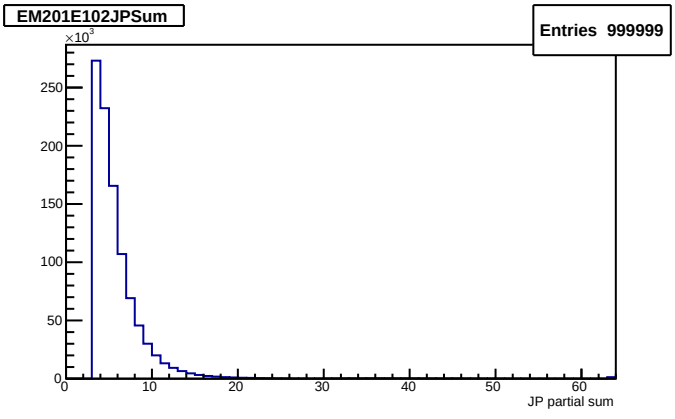

EM201E101JPId
Entries 0
simu
data

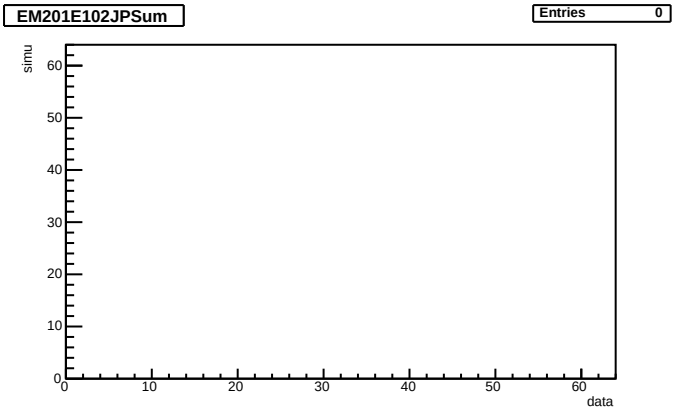

EM201E101Bits
Entries 4999995
24340
21628
28766
19857
9167
975659
978371
971233
980142
990832
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

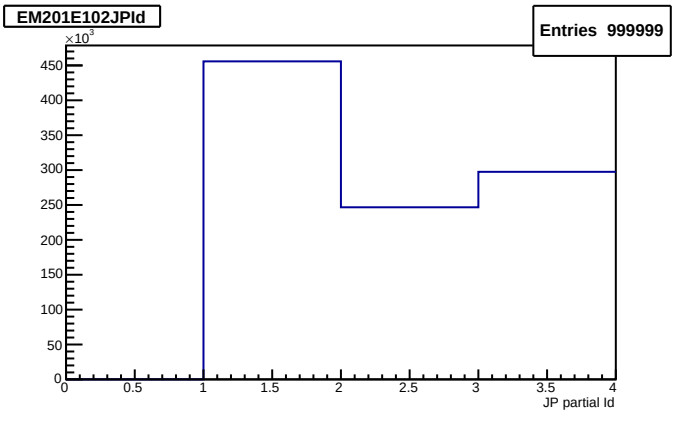

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

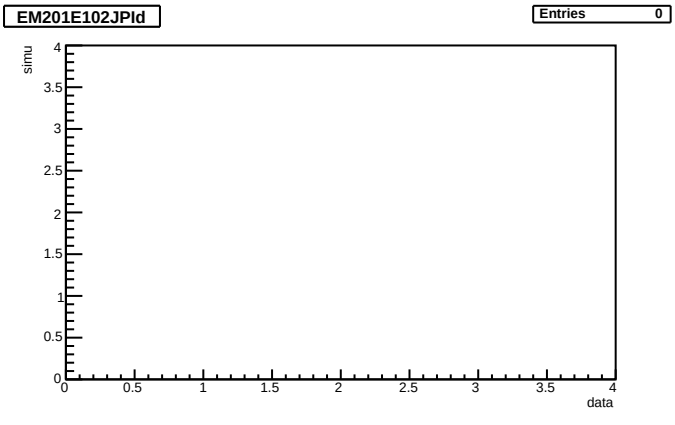

EM201E102JPThBits
Entries 999999
×10^3
JP th bits

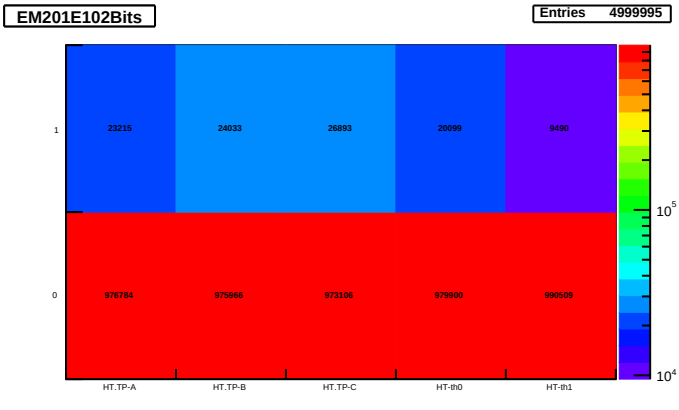

EM201E102JPThBits
Entries 0
simu
data

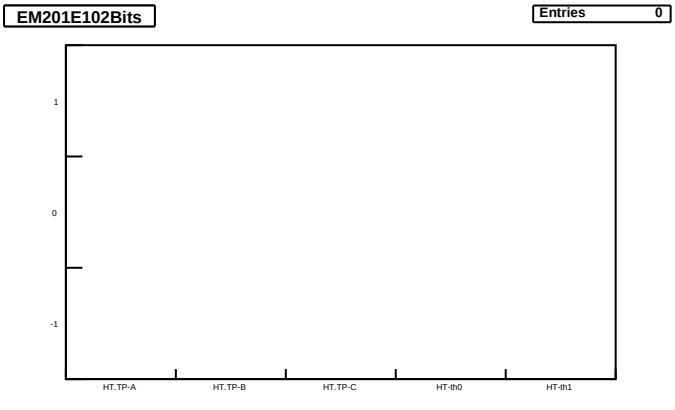

EM201E102JPSum
Entries 999999
×10^3
JP partial sum

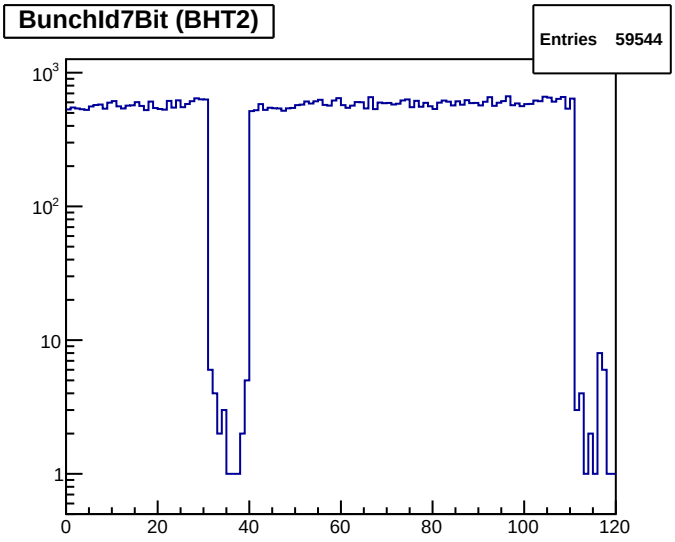

EM201E102JPSum
Entries 0
simu
data

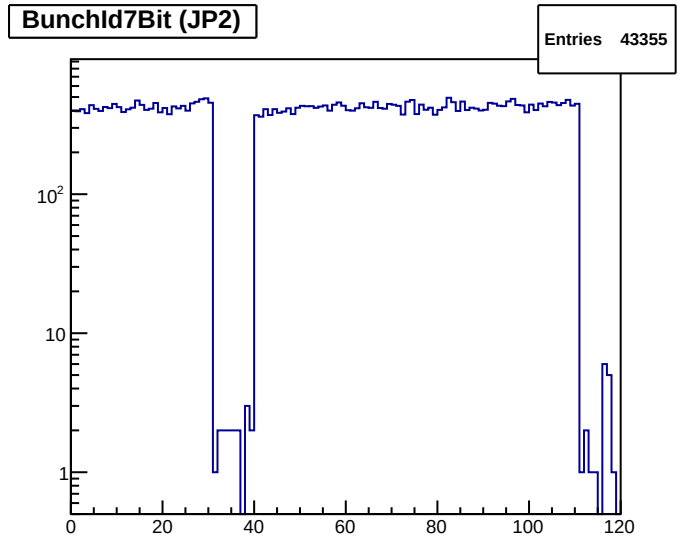

EM201E102JPId
Entries 999999
×10^3
JP partial Id

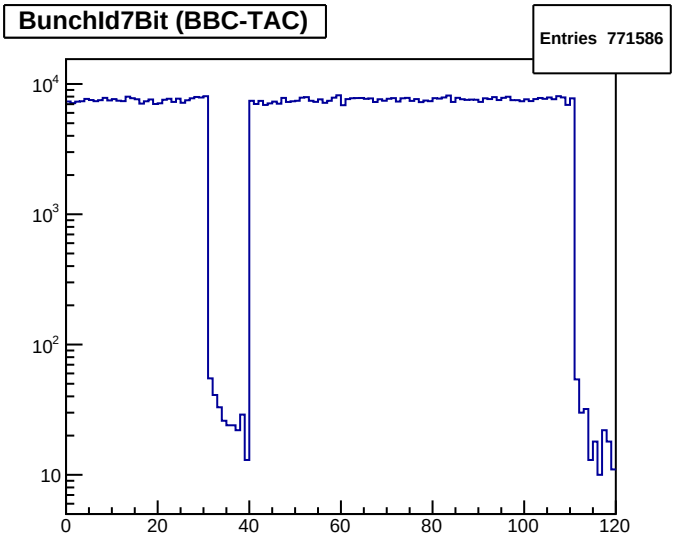

EM201E102JPId
Entries 0
simu
data

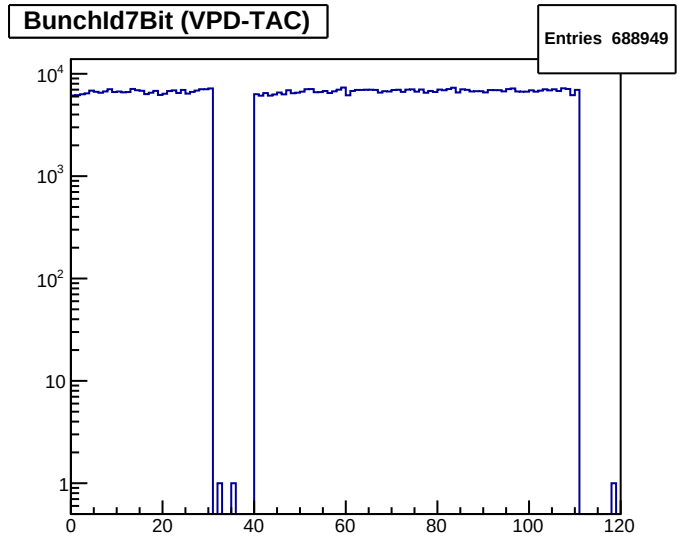

EM201E102Bits
Entries 4999995
23215
24033
26893
20099
9490
976784
975966
973106
979900
990509
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

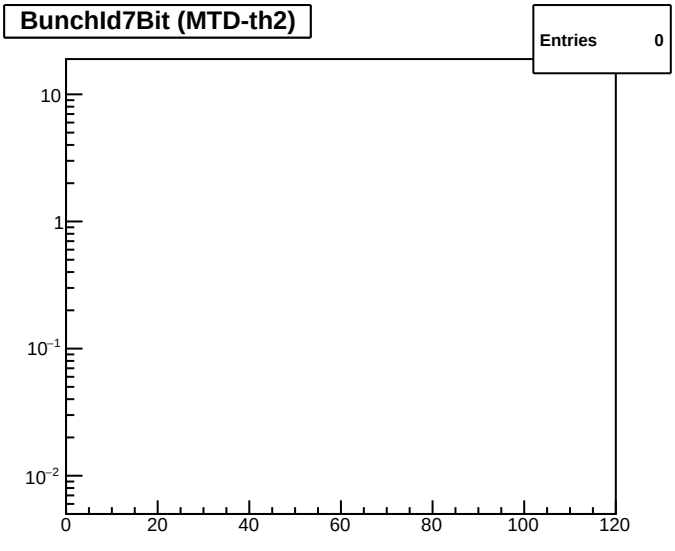

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

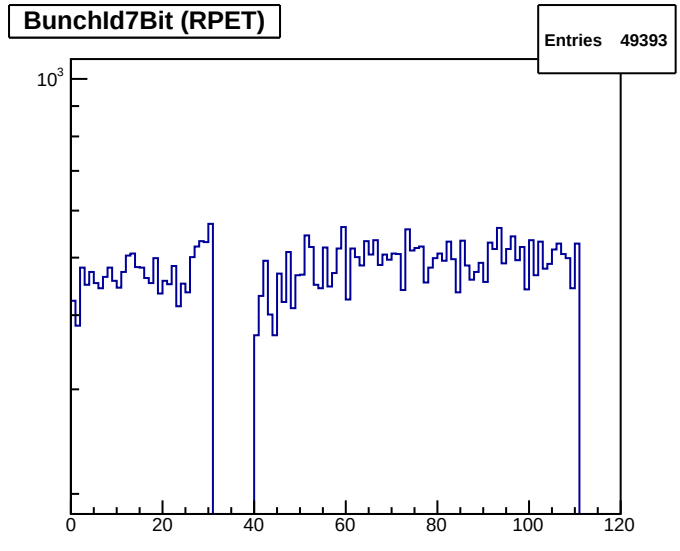

BunchId7Bit (BHT2)
Entries 59544

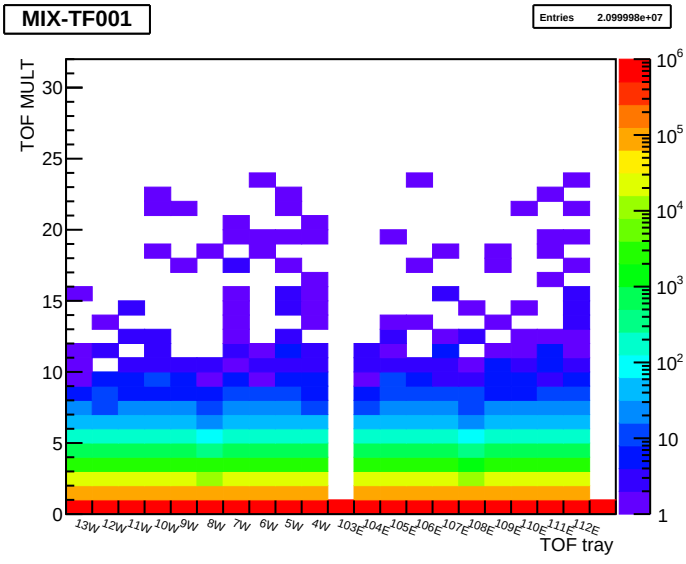

BunchId7Bit (JP2)
Entries 43355

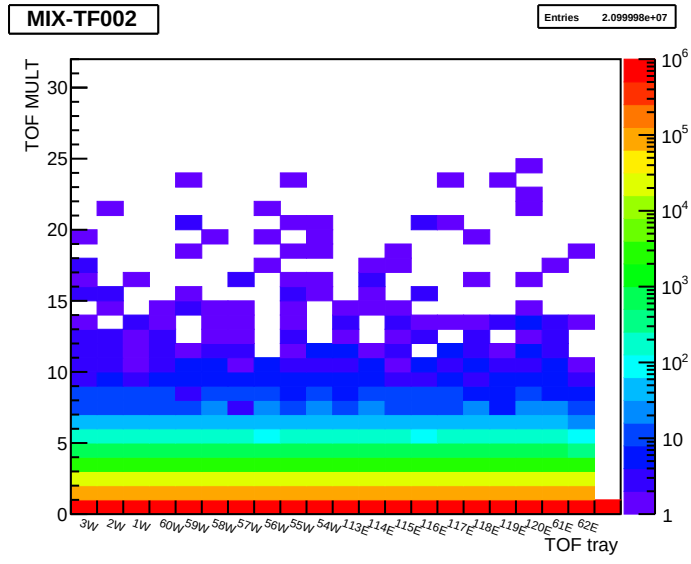

BunchId7Bit (BBC-TAC)
Entries 771586

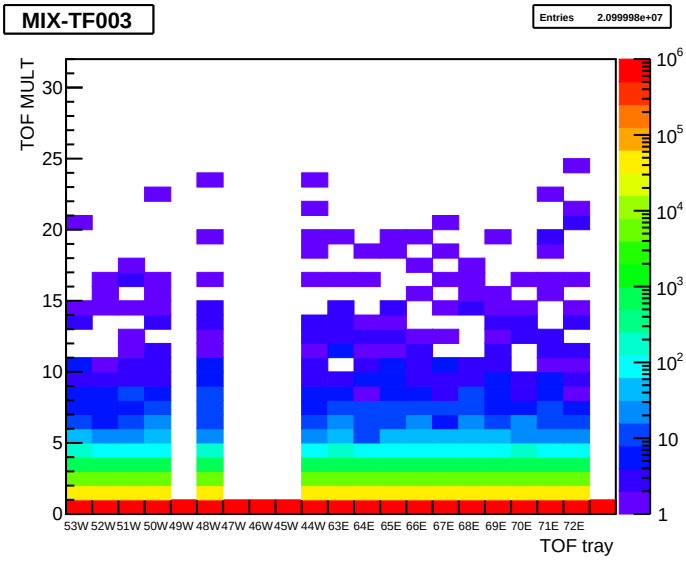

BunchId7Bit (VPD-TAC)
Entries 688949

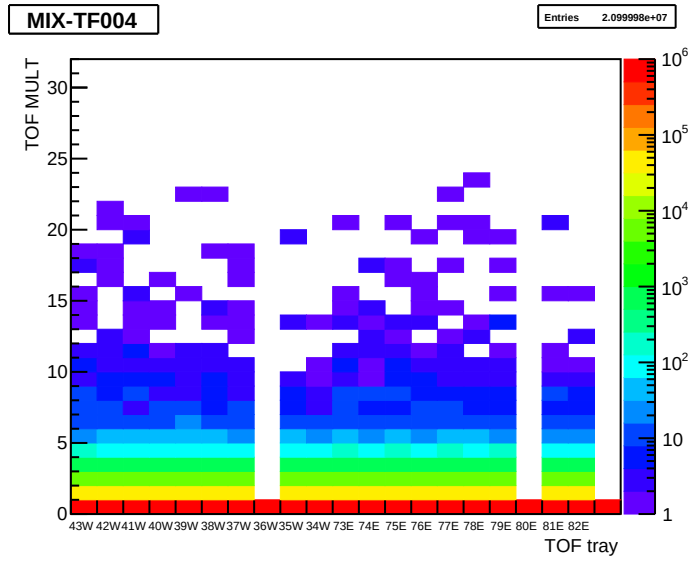

BunchId7Bit (MTD-th2)
Entries 0

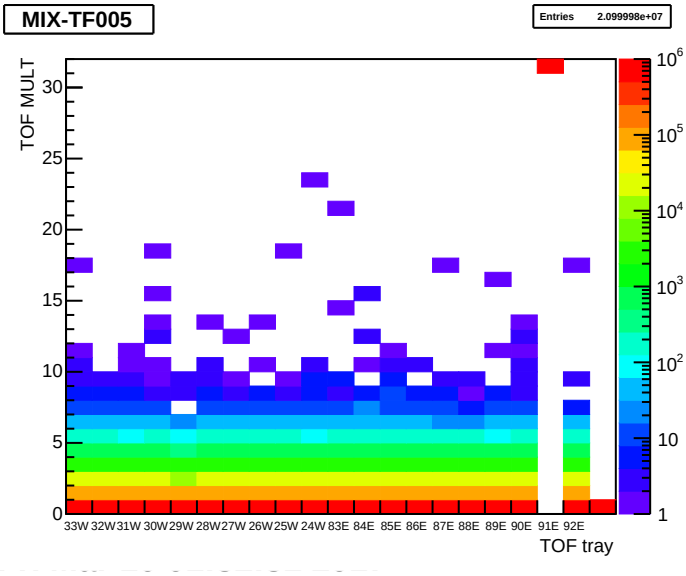

BunchId7Bit (RPET)
Entries 49393

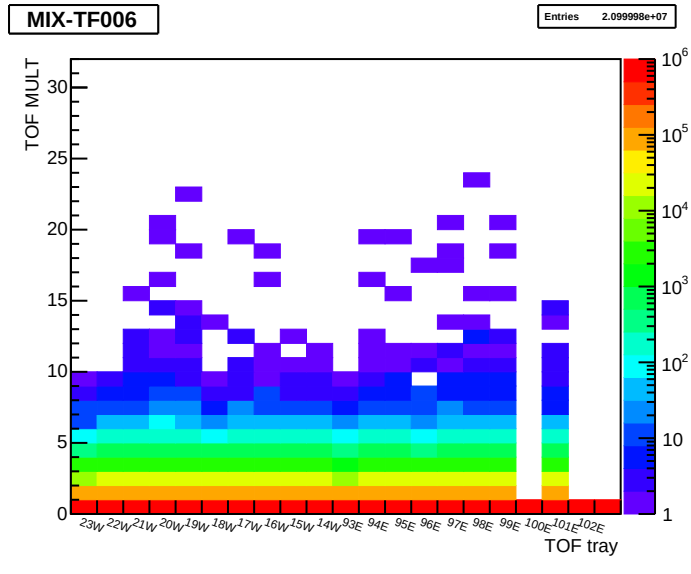

MIX-TF001
Entries 2.099998e+07
TOF MULT
TOF tray

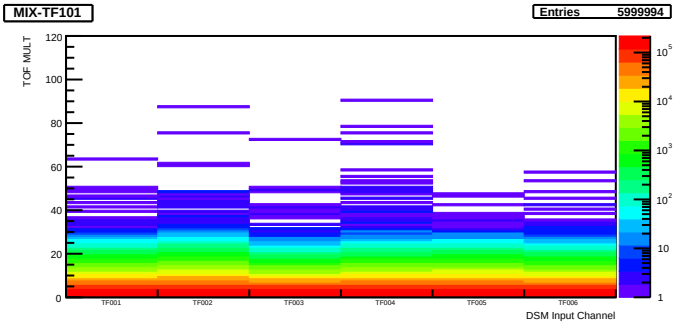

MIX-TF002
Entries 2.099998e+07
TOF MULT
TOF tray

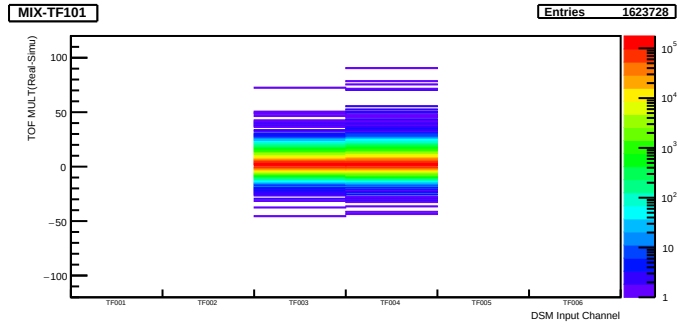

MIX-TF003
Entries 2.099998e+07
TOF MULT
TOF tray

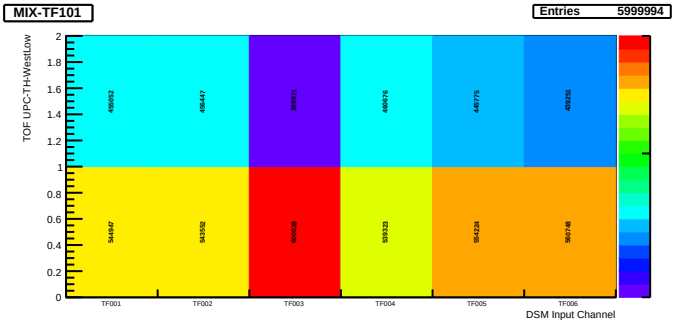

MIX-TF004
Entries 2.099998e+07
TOF MULT
TOF tray

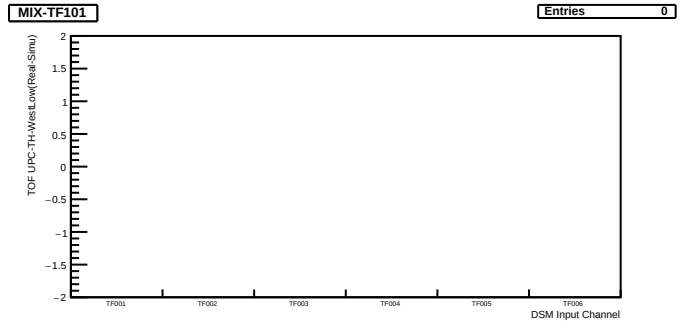

MIX-TF005
Entries 2.099998e+07
TOF MULT
TOF tray

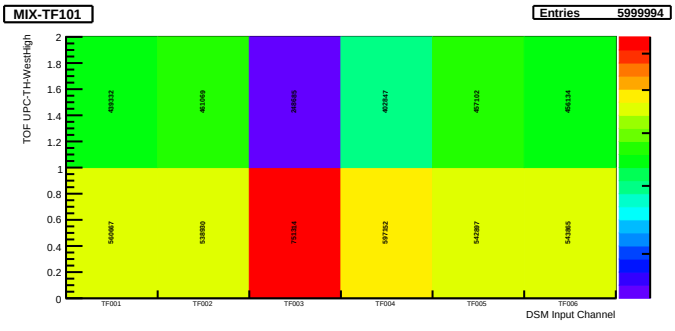

MIX-TF006
Entries 2.099998e+07
TOF MULT
TOF tray

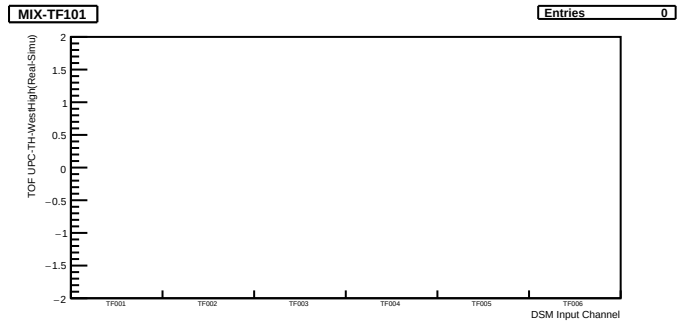

MIX-TF101
Entries 5999994
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

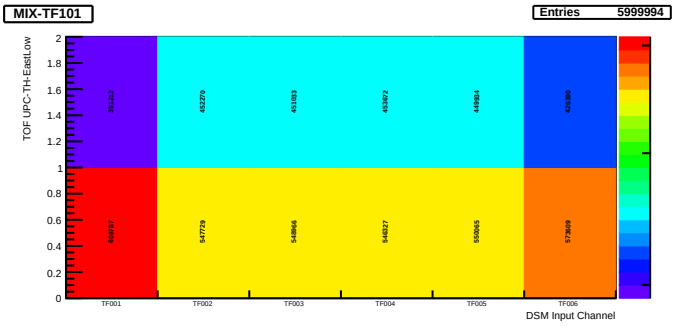

MIX-TF101
Entries 1623728
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

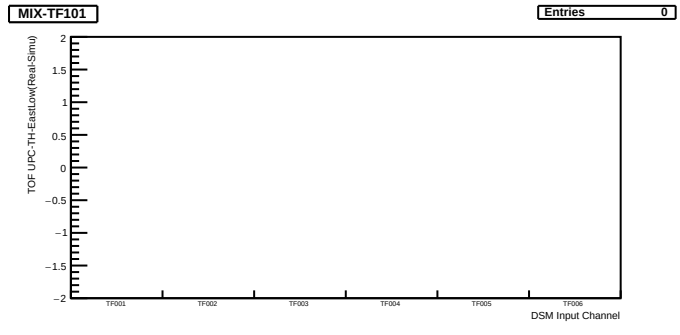

MIX-TF101
Entries 5999994
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

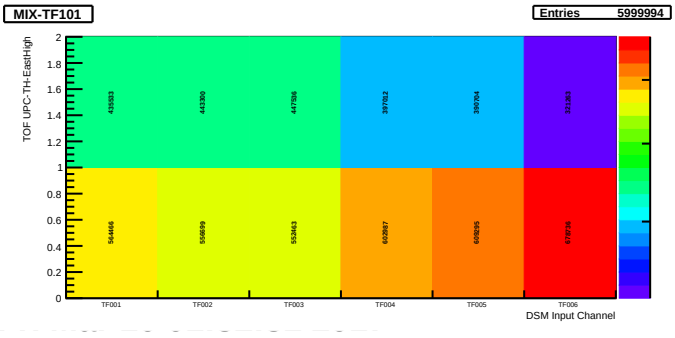

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

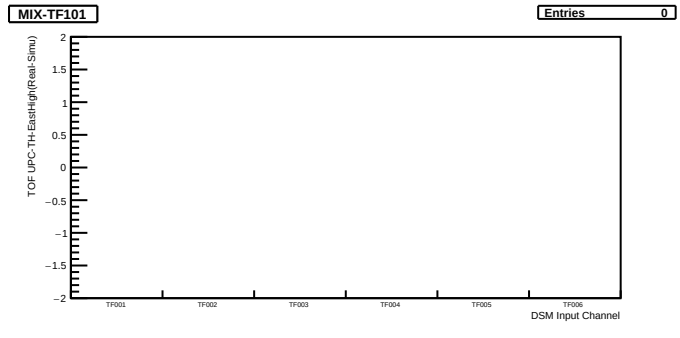

MIX-TF101
Entries 5999994
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

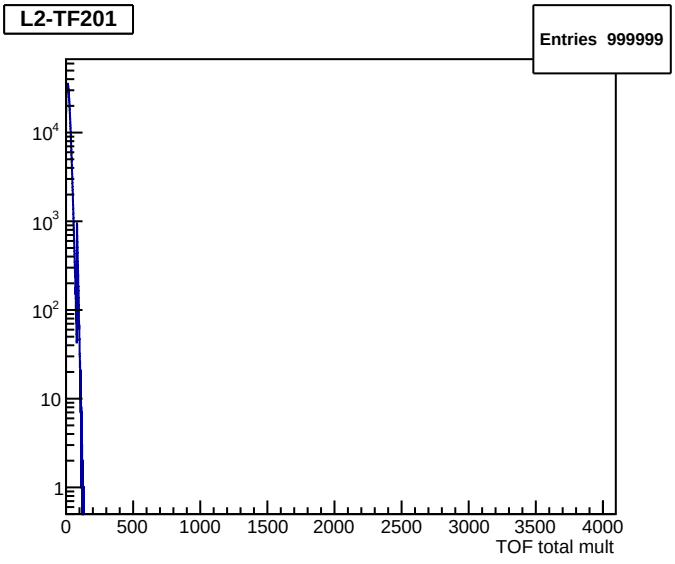

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

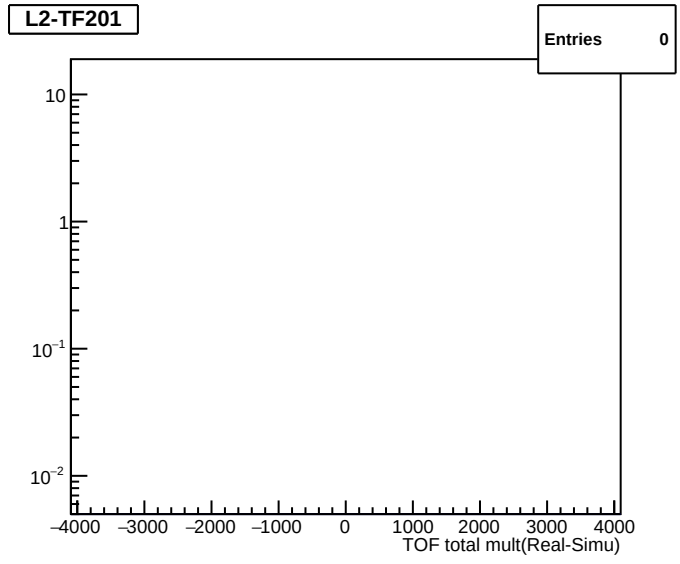

MIX-TF101
Entries 5999994
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

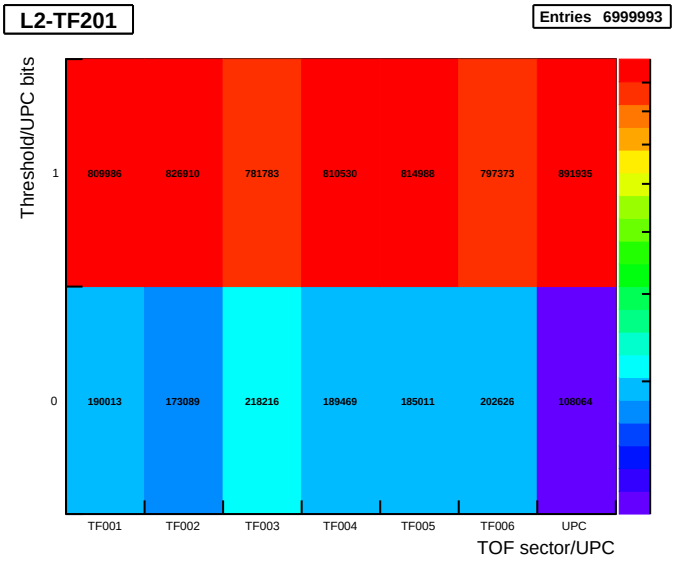

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

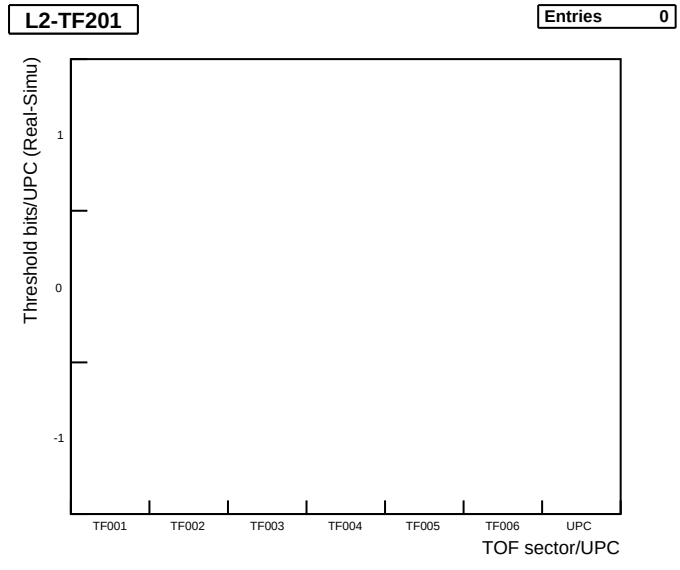

MIX-TF101
Entries 5999994
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

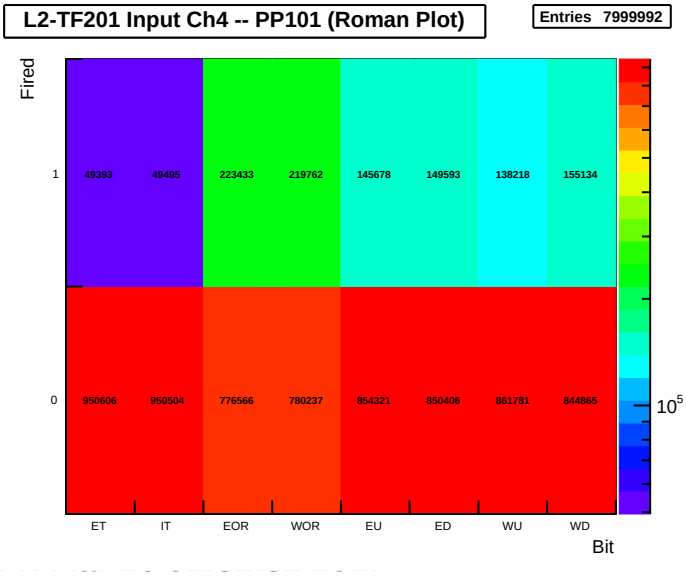

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

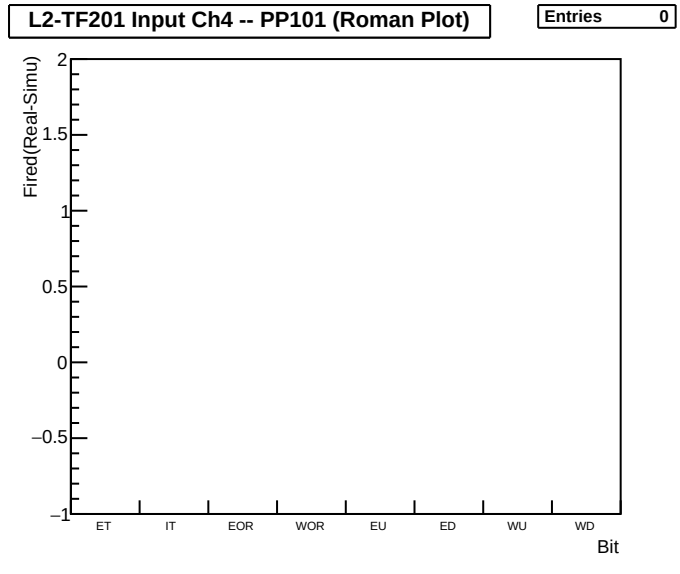

L2-TF201
Entries 999999
TOF total mult

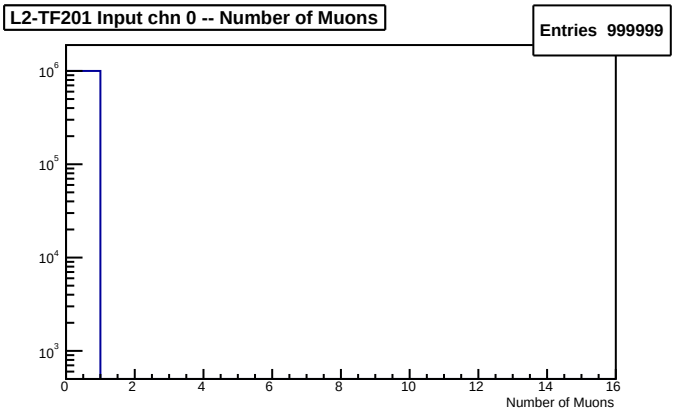

L2-TF201
Entries 0
TOF total mult(Real-Simu)

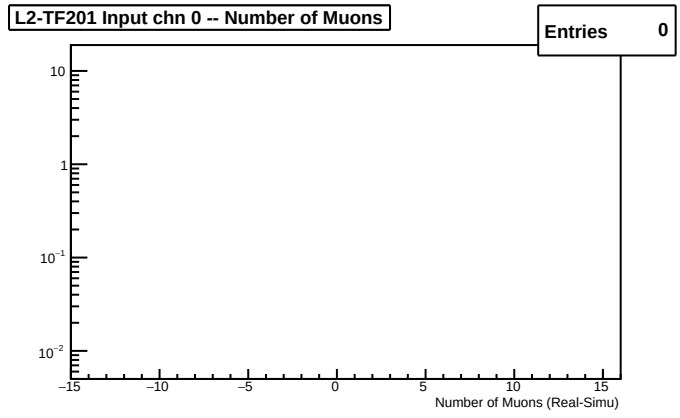

L2-TF201
Entries 6999993
Threshold/UPC bits
809986 826910 781783 810530 814988 797373 891935
190013 173089 218216 189469 185011 202626 108064
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

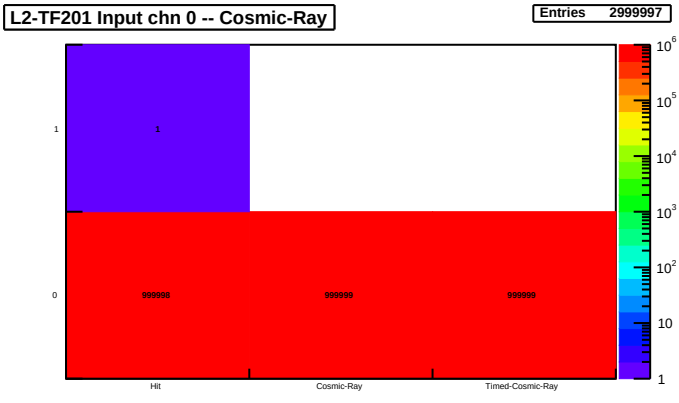

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

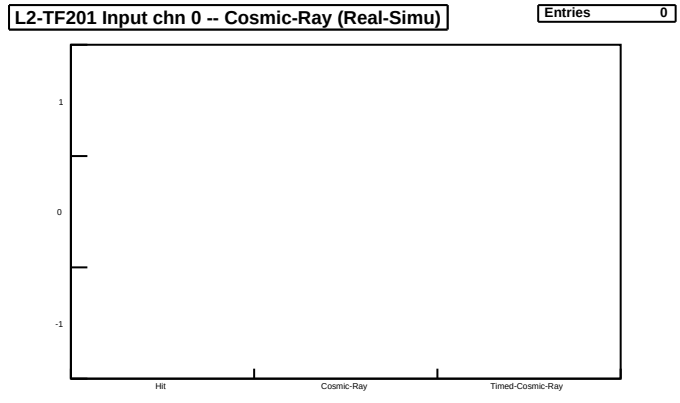

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 7999992
Fired
49393 49495 223433 219762 145678 149593 138218 155134
950606 950504 776566 780237 854321 850406 861781 844865
ET IT EOR WOR EU ED WU WD
Bit

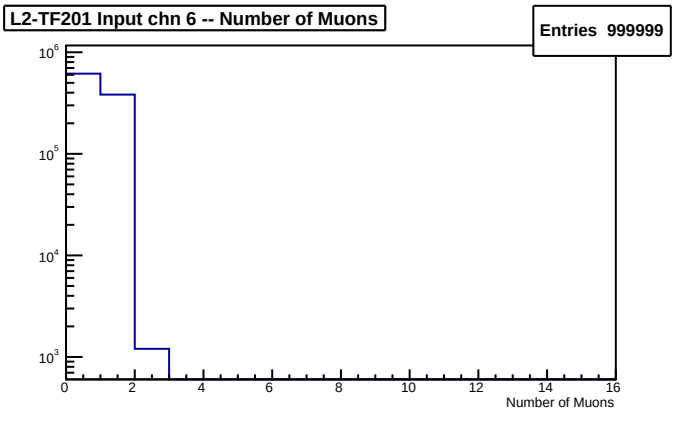

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

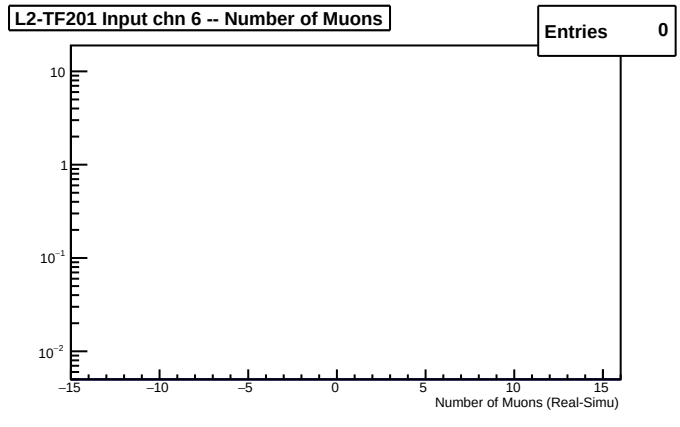

L2-TF201 Input chn 0 -- Number of Muons
Entries 999999
Number of Muons

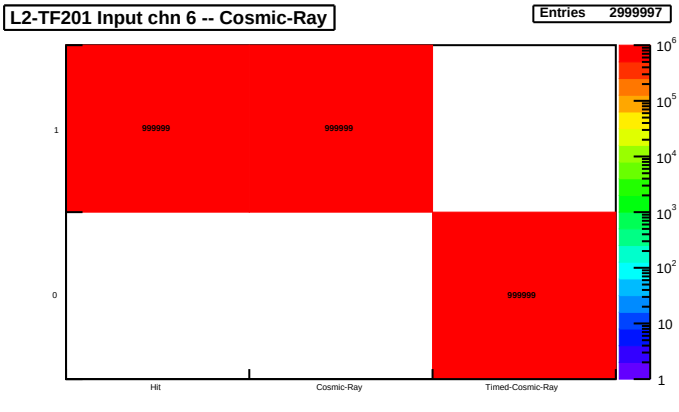

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

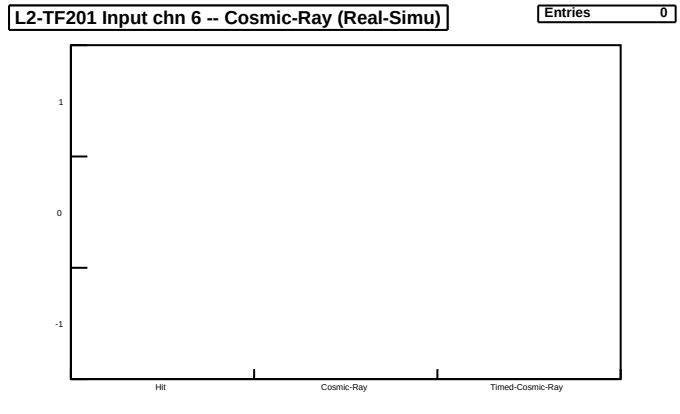

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2999997
1
999998
999999
999999
Hit
Cosmic-Ray
Timed-Cosmic-Ray

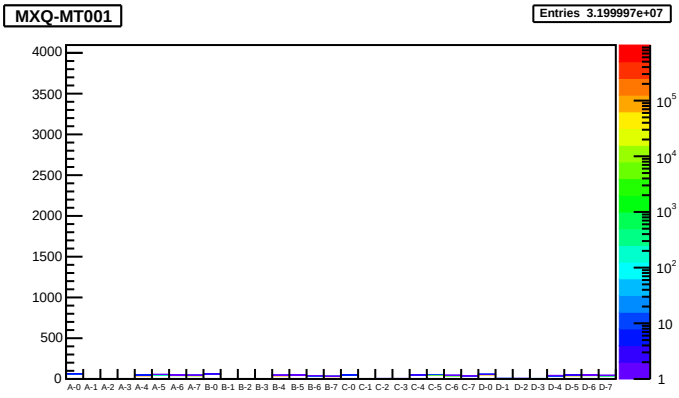

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

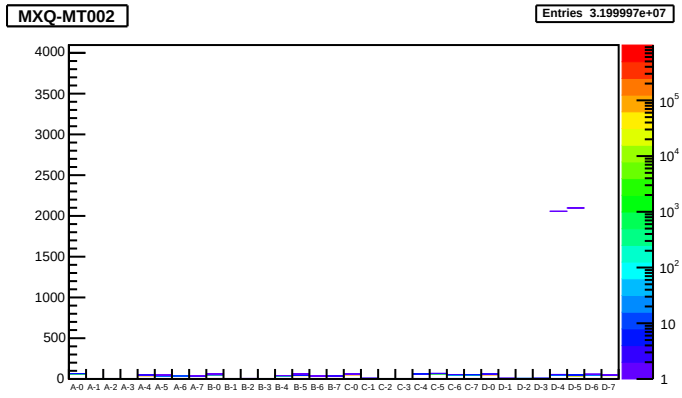

L2-TF201 Input chn 6 -- Number of Muons
Entries 999999
Number of Muons

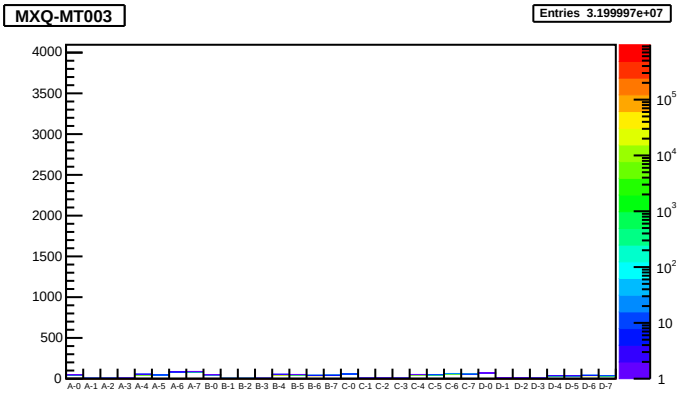

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

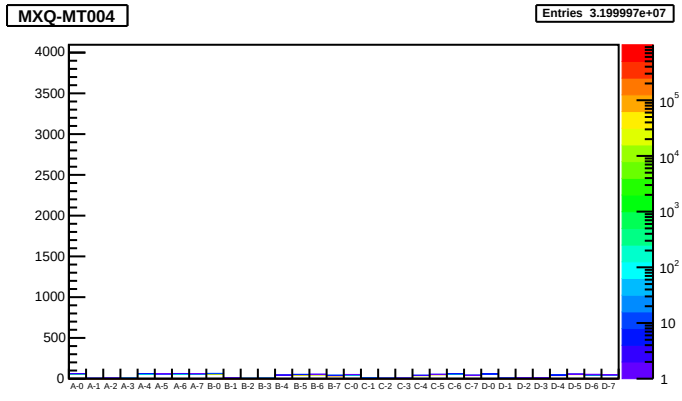

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 2999997
999999
999999
999999
Hit
Cosmic-Ray
Timed-Cosmic-Ray

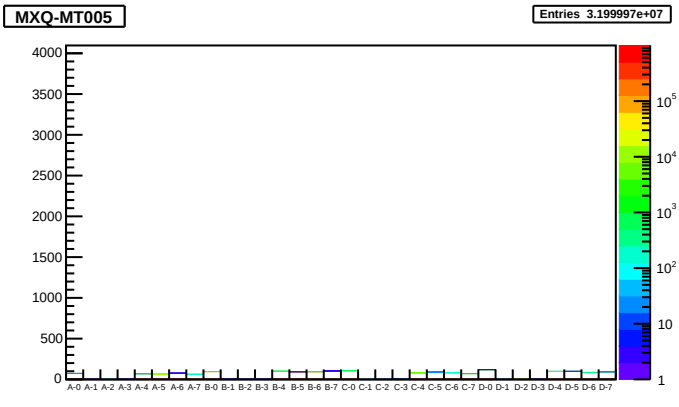

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

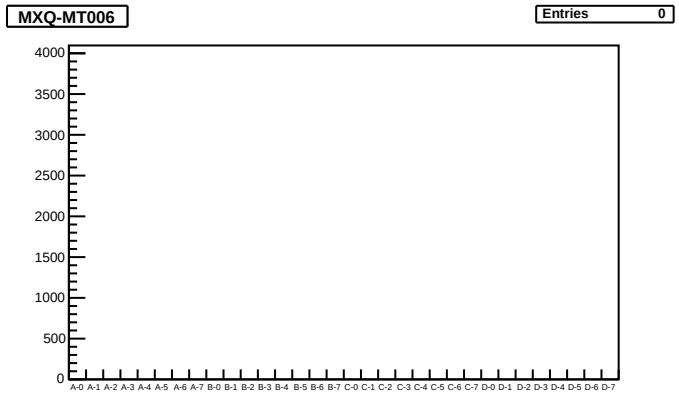

MXQ-MT001
Entries 3.199997e+07

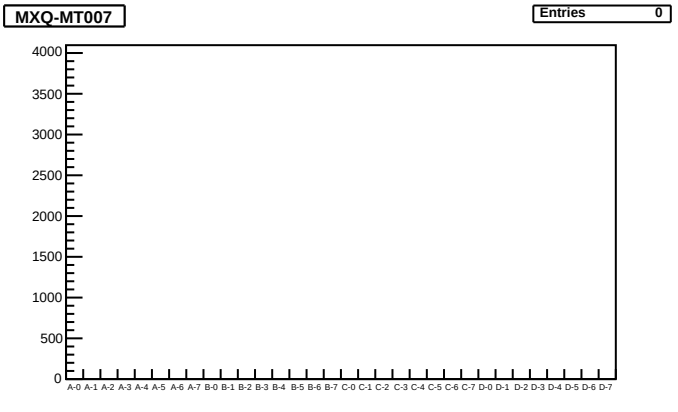

MXQ-MT002
Entries 3.199997e+07

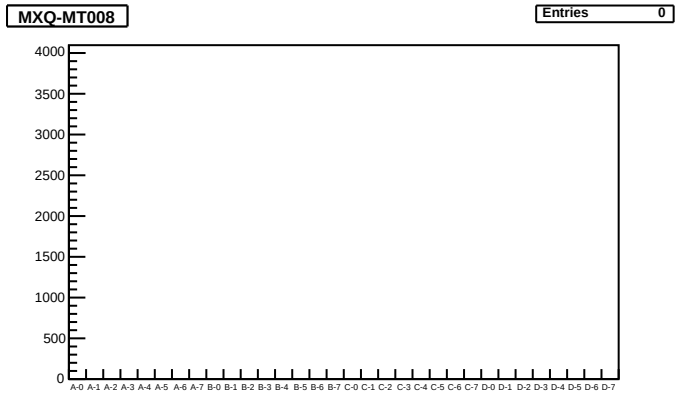

MXQ-MT003
Entries 3.199997e+07

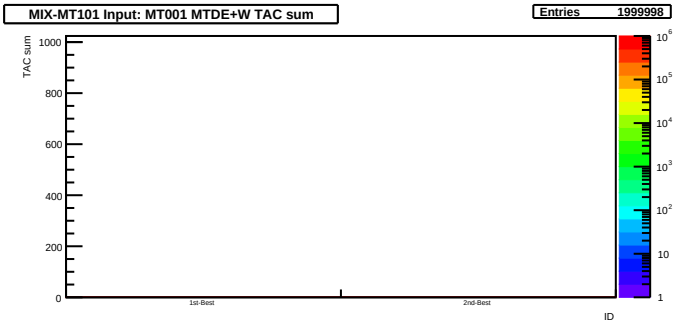

MXQ-MT004
Entries 3.199997e+07

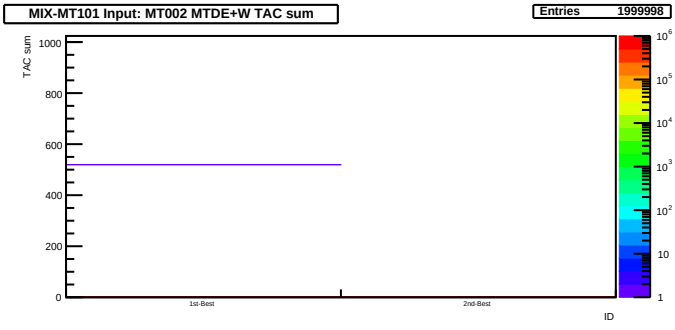

MXQ-MT005
Entries 3.199997e+07

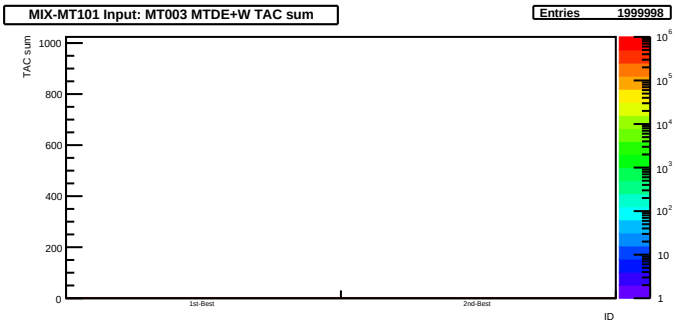

MXQ-MT006
Entries 0

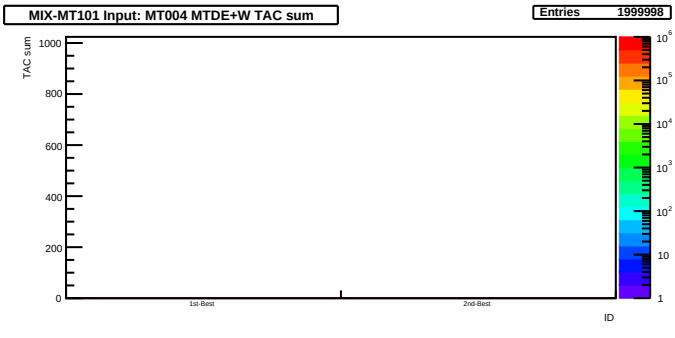

MXQ-MT007
Entries 0

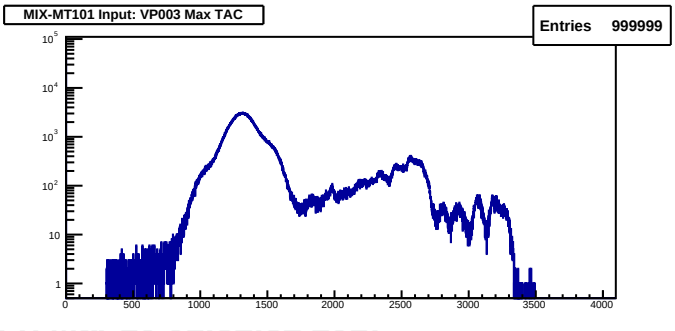

MXQ-MT008
Entries 0

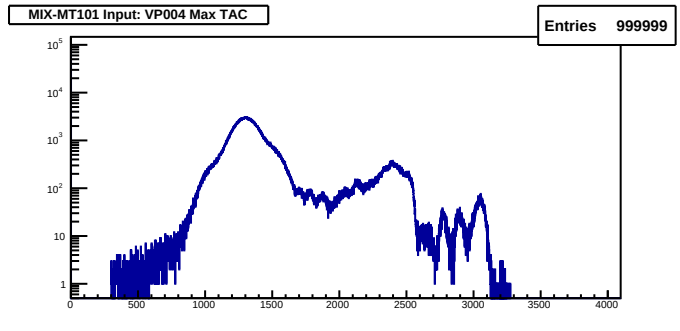

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1999998
TAC sum
1st-Best
2nd-Best
ID

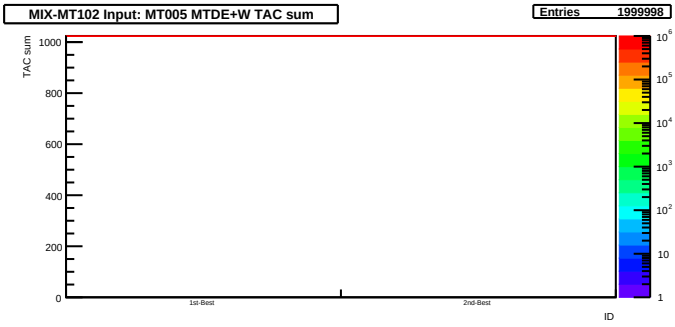

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1999998
TAC sum
1st-Best
2nd-Best
ID

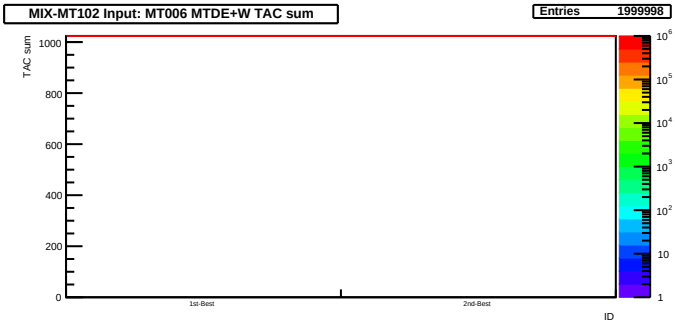

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1999998
TAC sum
1st-Best
2nd-Best
ID

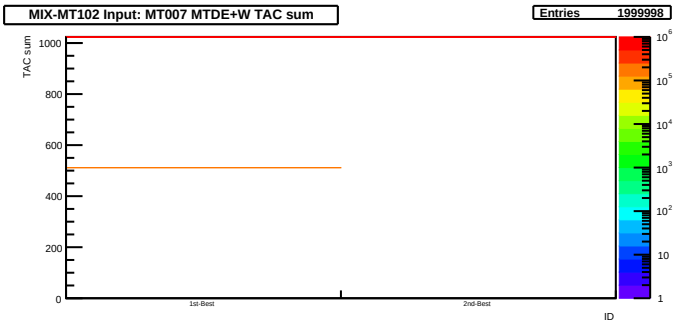

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1999998
TAC sum
1st-Best
2nd-Best
ID

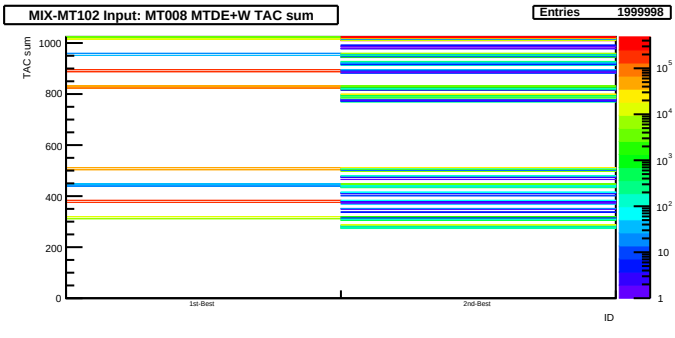

MIX-MT101 Input: VP003 Max TAC
Entries 999999

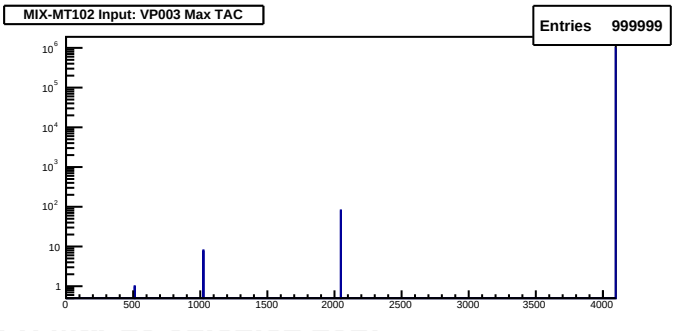

MIX-MT101 Input: VP004 Max TAC
Entries 999999

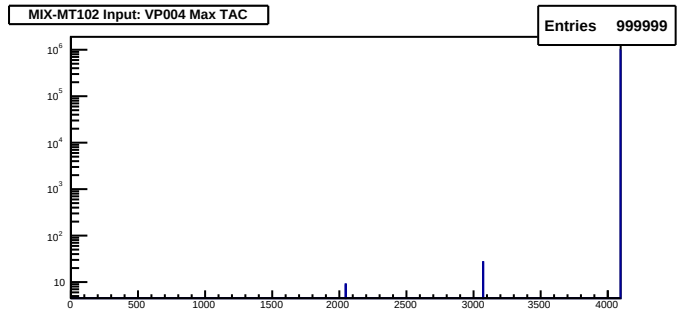

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1999998
TAC sum
1st-Best
2nd-Best
ID

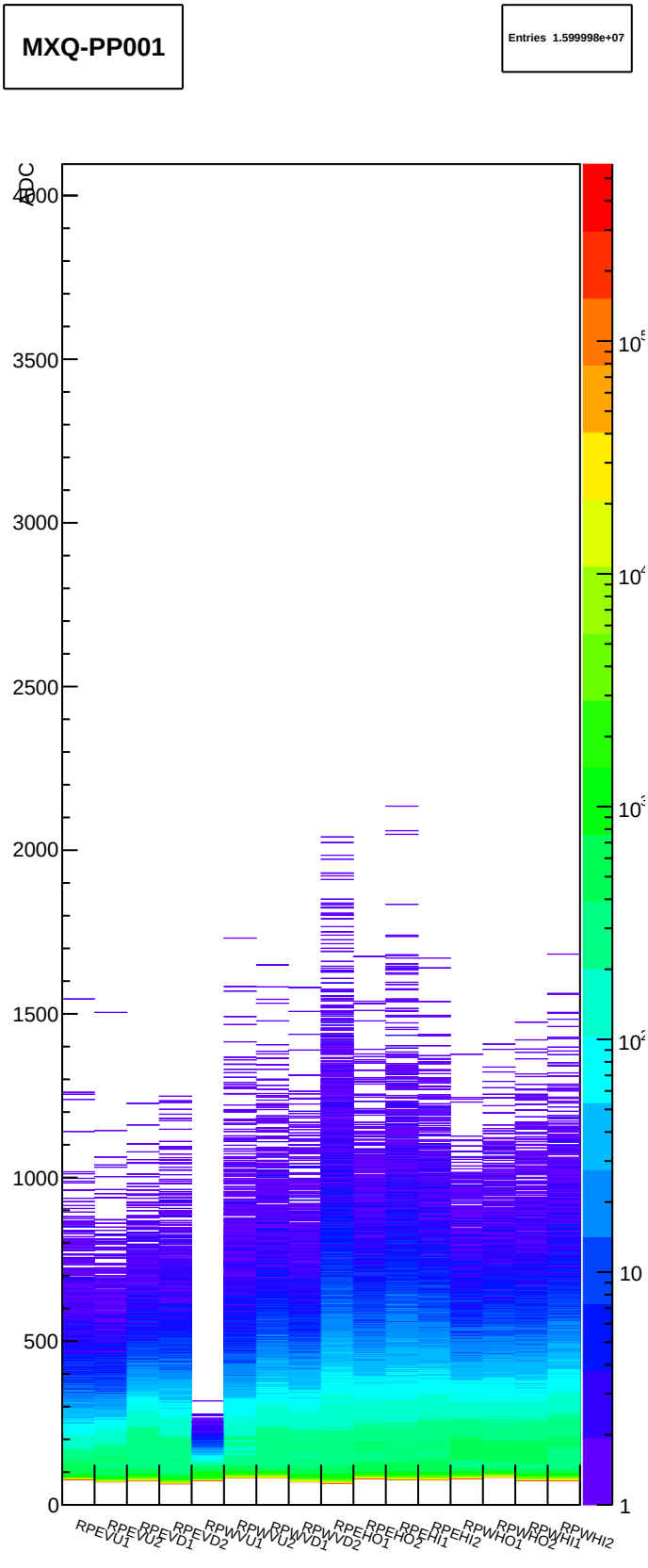

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1999998
TAC sum
1st-Best
2nd-Best
ID

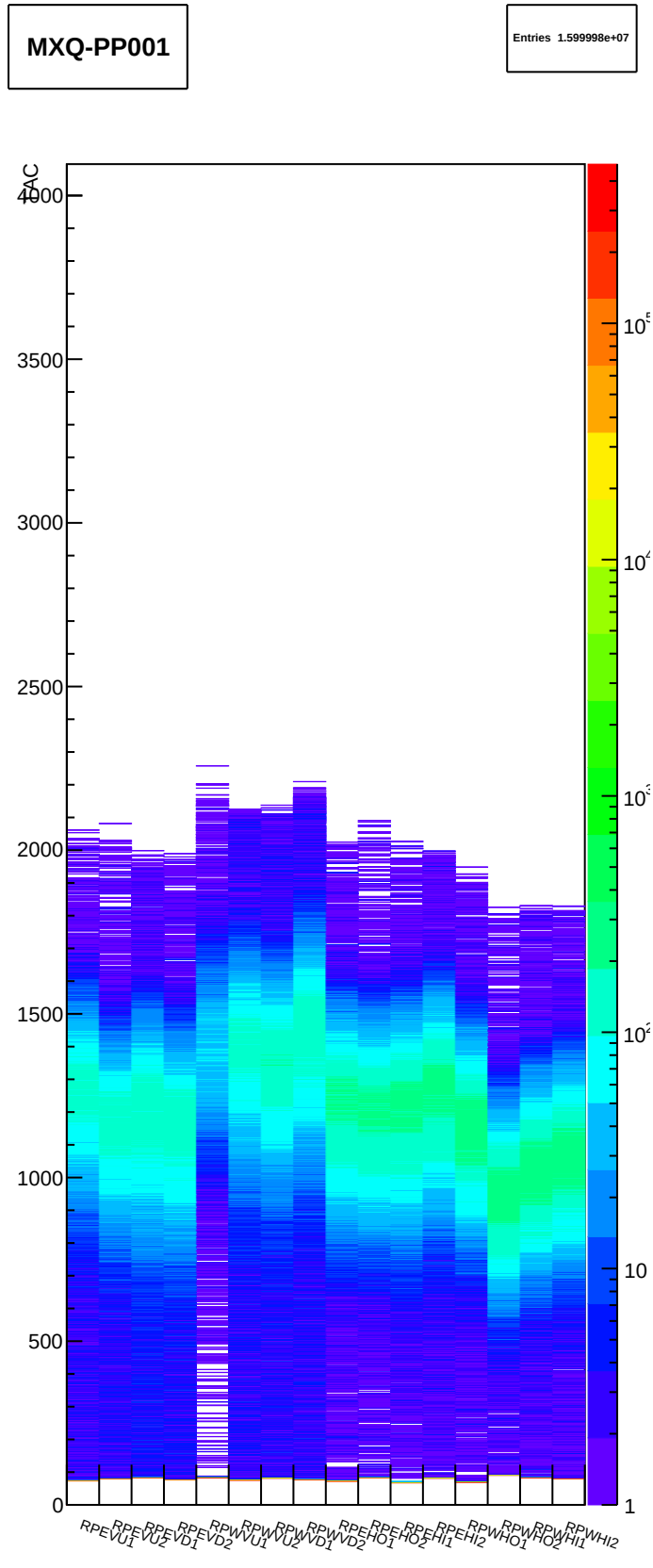

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1999998
TAC sum
1st-Best
2nd-Best
ID

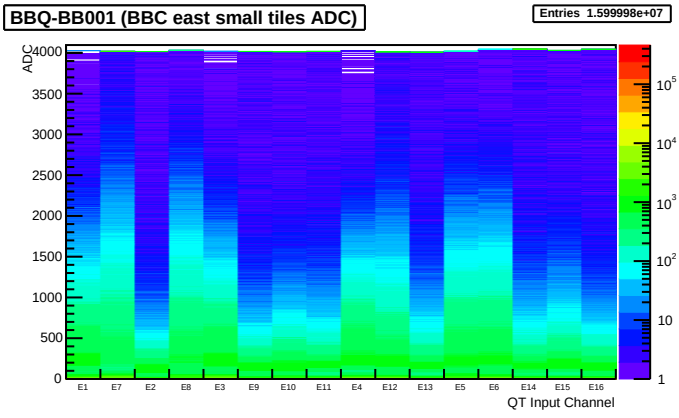

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1999998
TAC sum
1st-Best
2nd-Best
ID

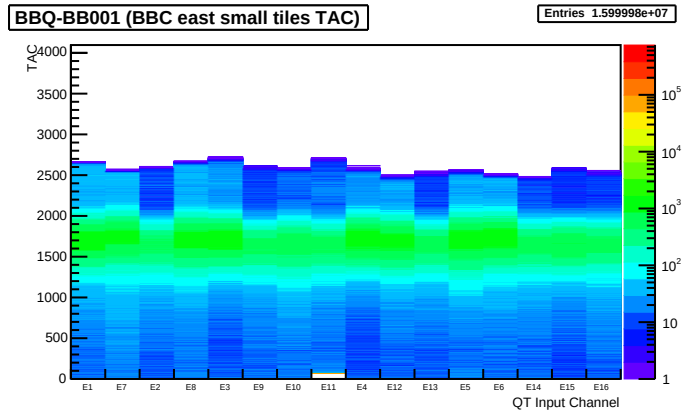

MIX-MT102 Input: VP003 Max TAC
Entries 999999

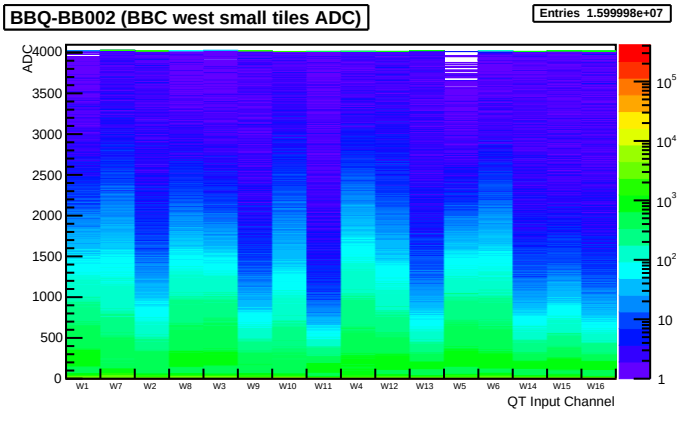

MIX-MT102 Input: VP004 Max TAC
Entries 999999

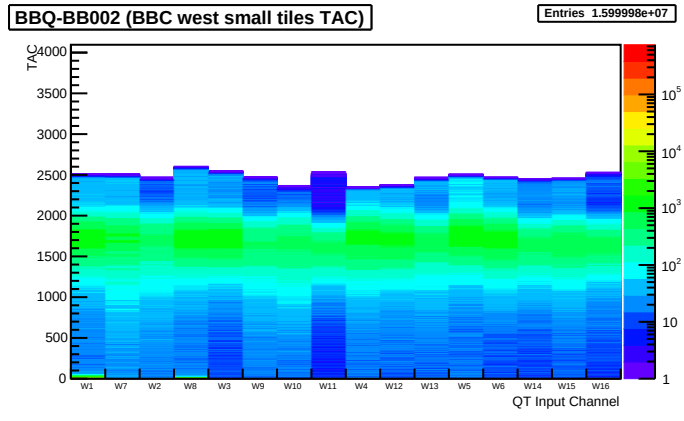

MXQ-PP001
Entries 1.599998e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

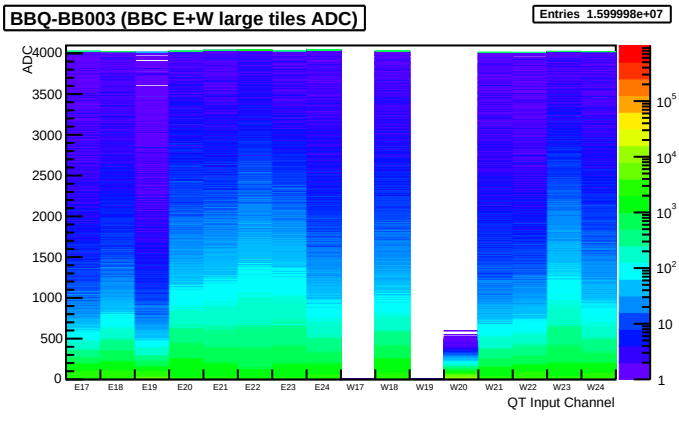

MXQ-PP001
Entries 1.599998e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

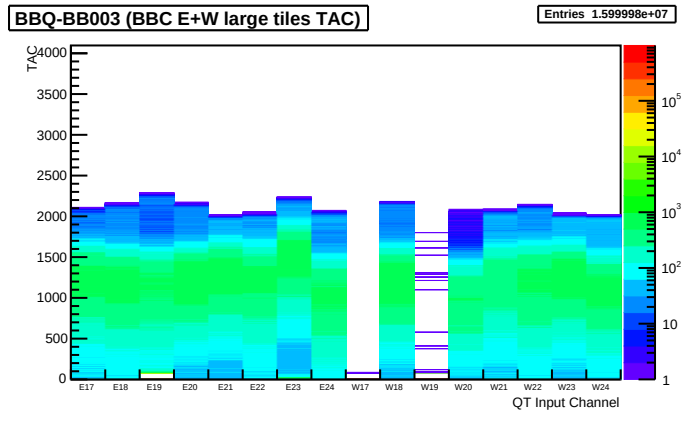

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.599998e+07
ADC
QT Input Channel

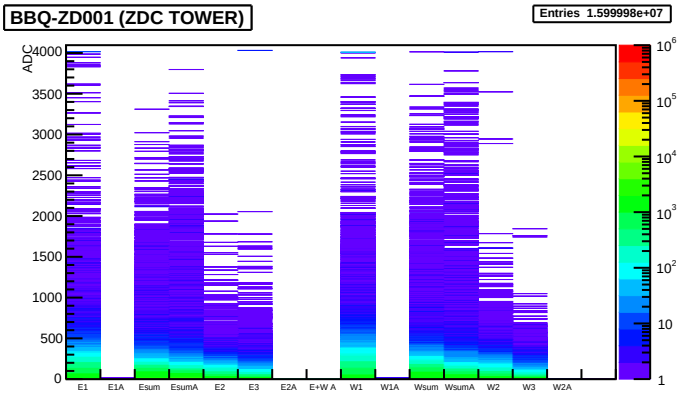

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.599998e+07
TAC
QT Input Channel

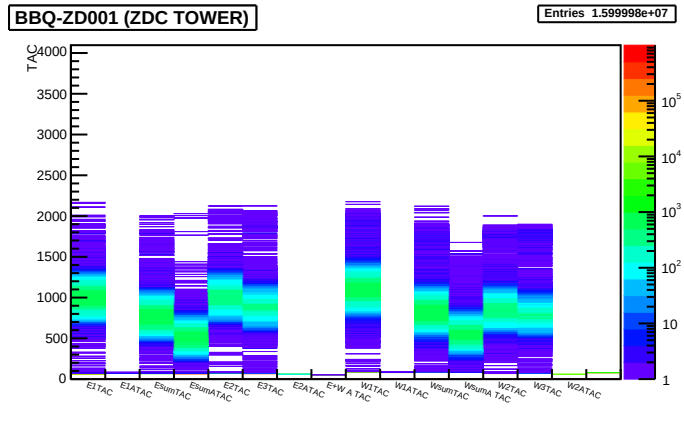

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.599998e+07
ADC
QT Input Channel

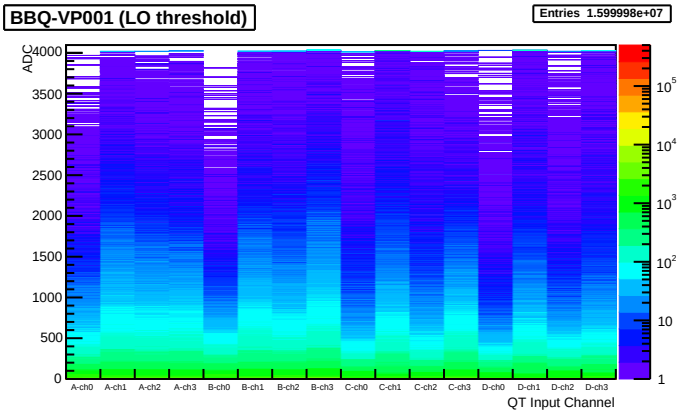

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.599998e+07
TAC
QT Input Channel

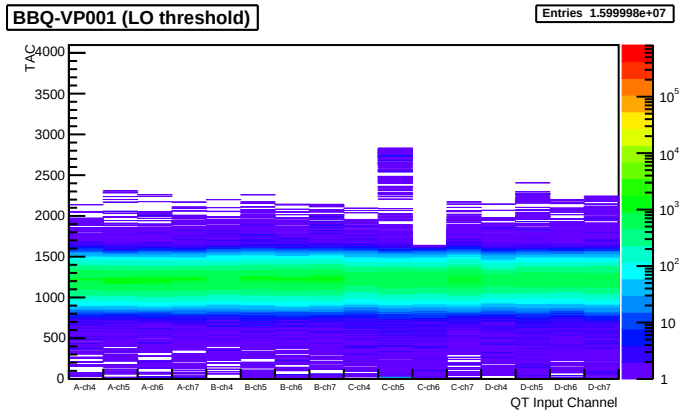

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.599998e+07
ADC
QT Input Channel

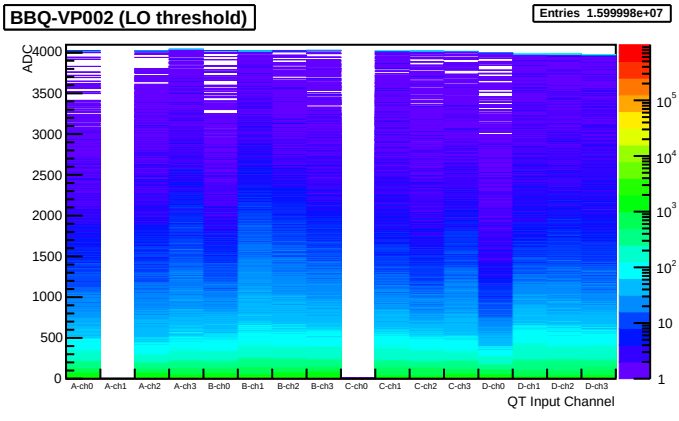

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.599998e+07
TAC
QT Input Channel

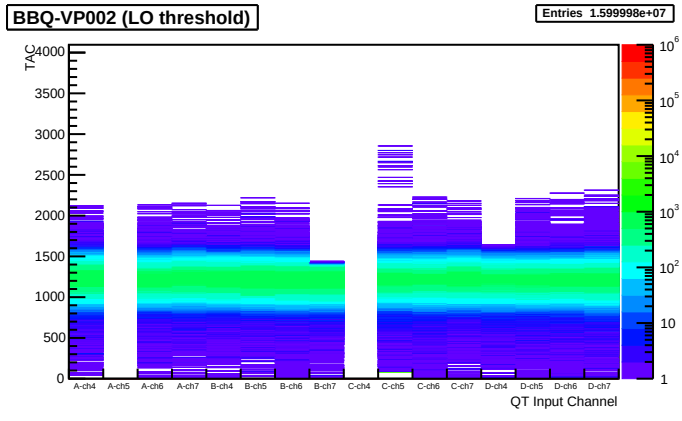

BBQ-ZD001 (ZDC TOWER)
Entries 1.599998e+07
ADC

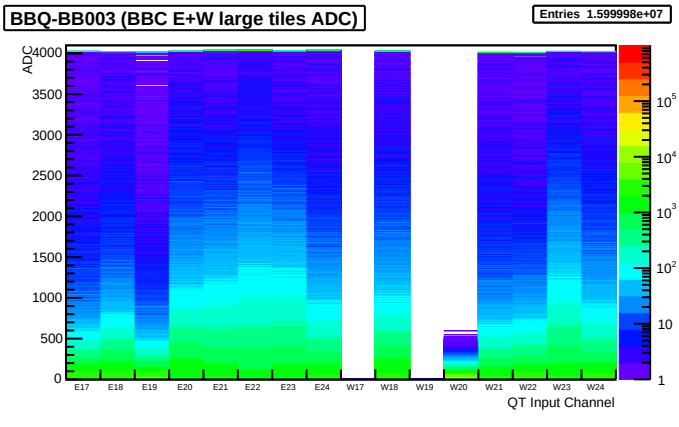

BBQ-ZD001 (ZDC TOWER)
Entries 1.599998e+07
TAC

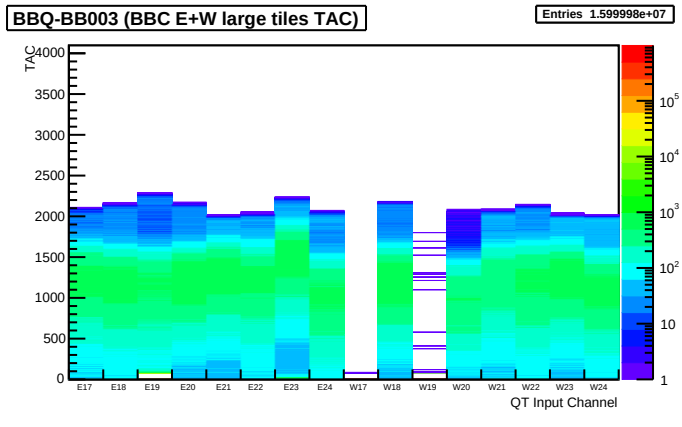

BBQ-VP001 (LO threshold)
Entries 1.599998e+07
ADC
QT Input Channel

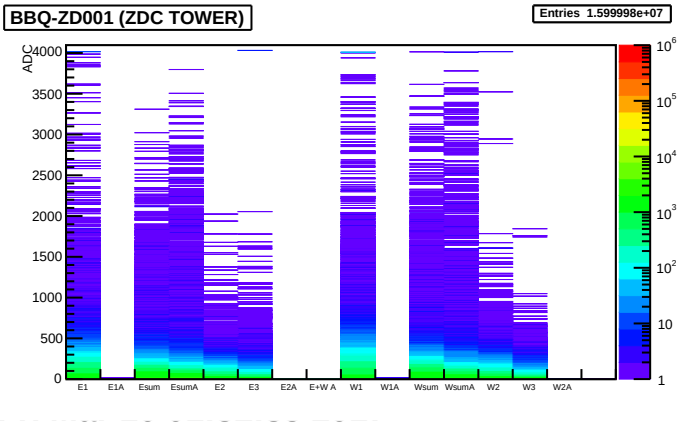

BBQ-VP001 (LO threshold)
Entries 1.599998e+07
TAC
QT Input Channel

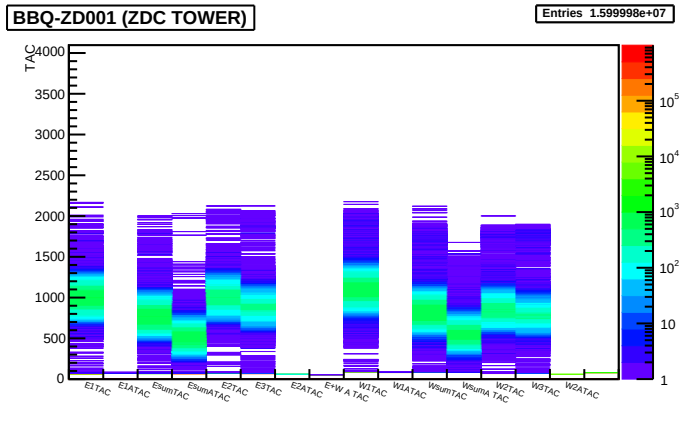

BBQ-VP002 (LO threshold)
Entries 1.599998e+07
ADC
QT Input Channel

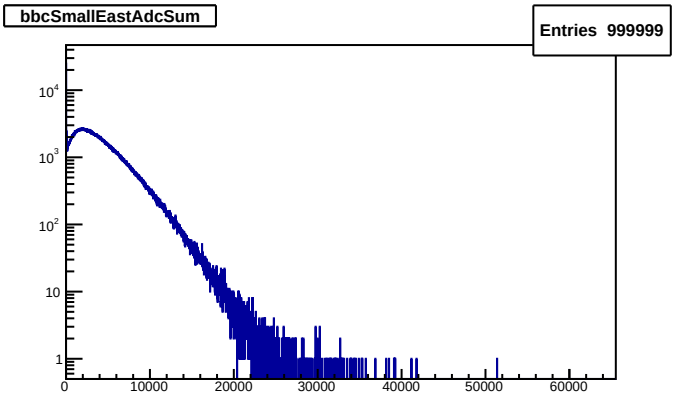

BBQ-VP002 (LO threshold)
Entries 1.599998e+07
TAC
QT Input Channel

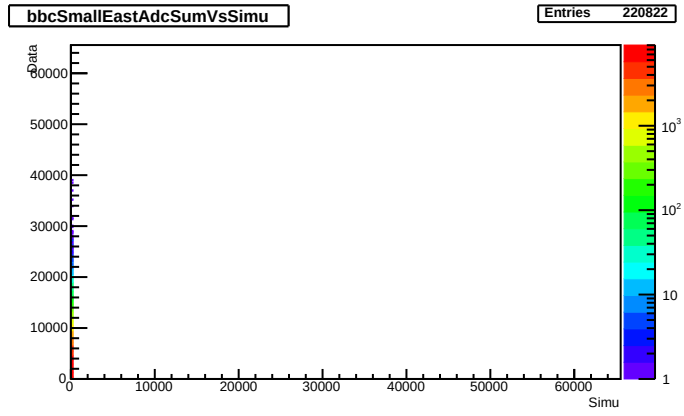

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.599998e+07
ADC
QT Input Channel

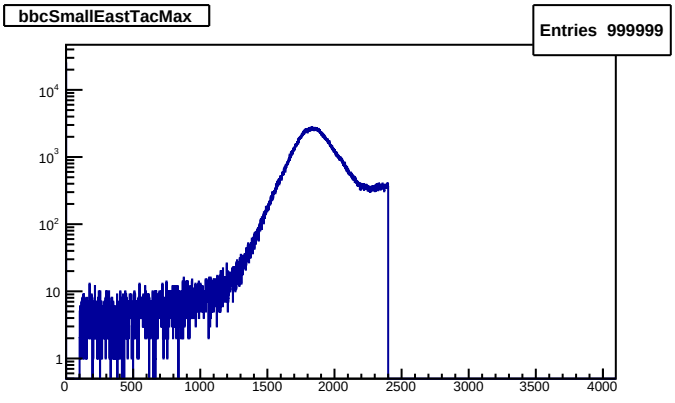

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.599998e+07
TAC
QT Input Channel

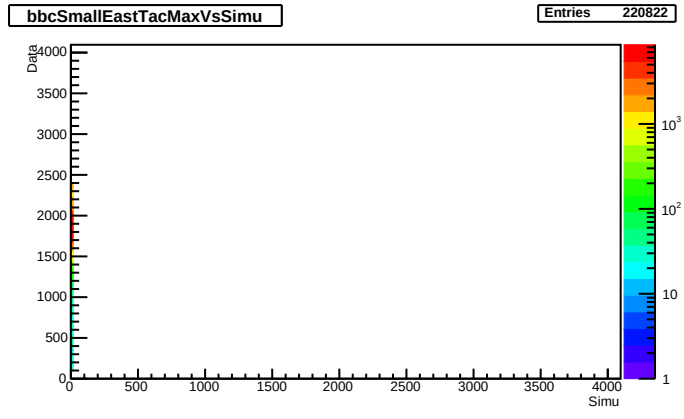

BBQ-ZD001 (ZDC TOWER)
Entries 1.599998e+07
ADC

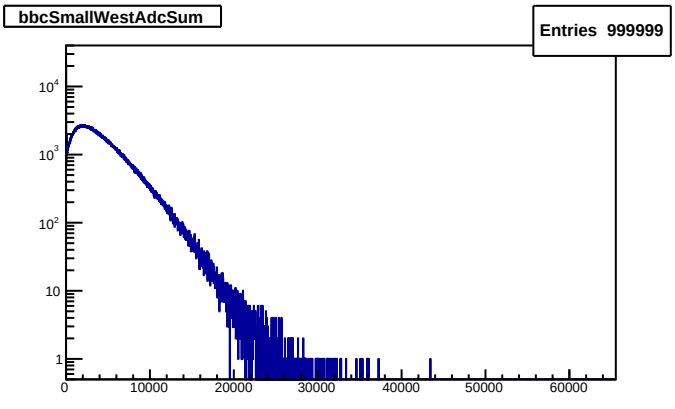

BBQ-ZD001 (ZDC TOWER)
Entries 1.599998e+07
TAC

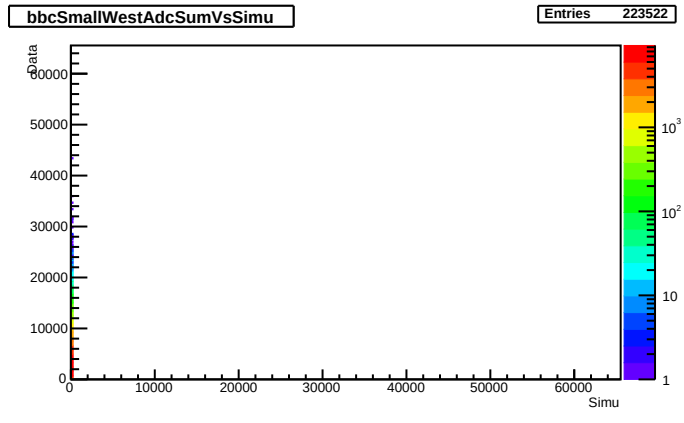

bbcSmallEastAdcSum
Entries 999999

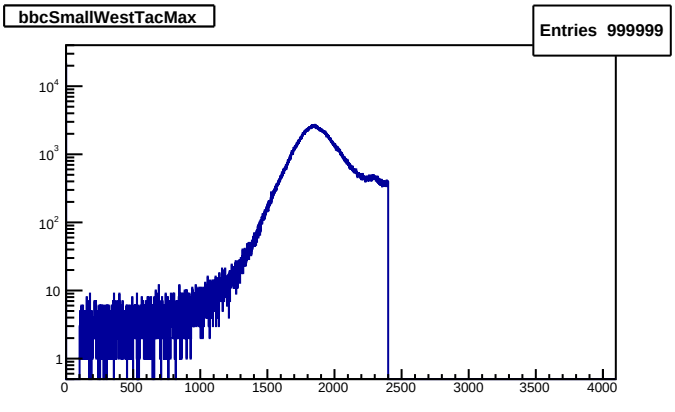

bbcSmallEastAdcSumVsSimu
Entries 220822
Data
Simu

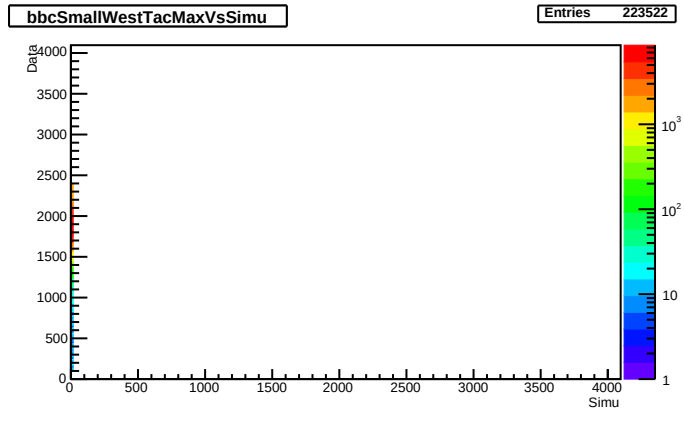

bbcSmallEastTacMax
Entries 999999

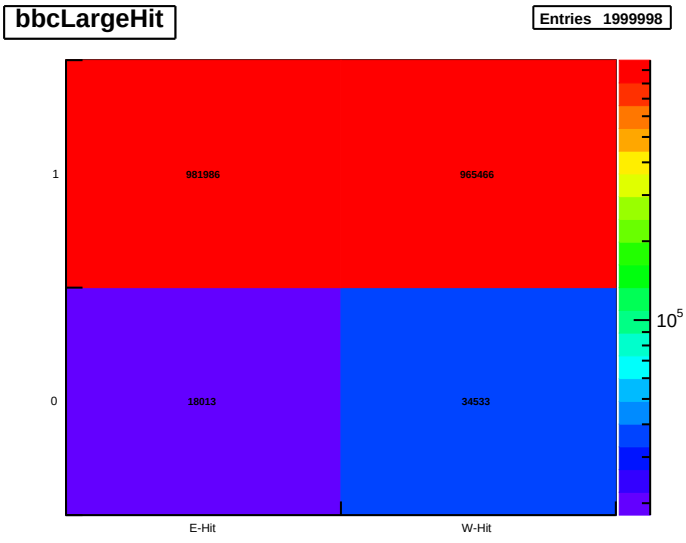

bbcSmallEastTacMaxVsSimu
Entries 220822
Data
Simu

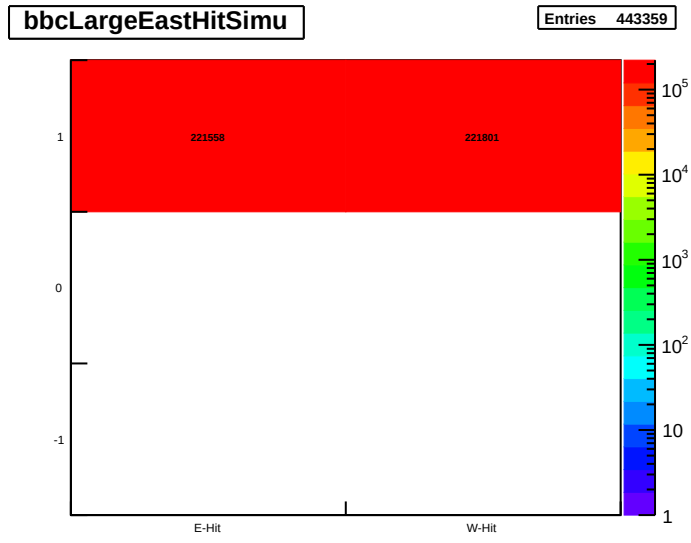

bbcSmallWestAdcSum
Entries 999999

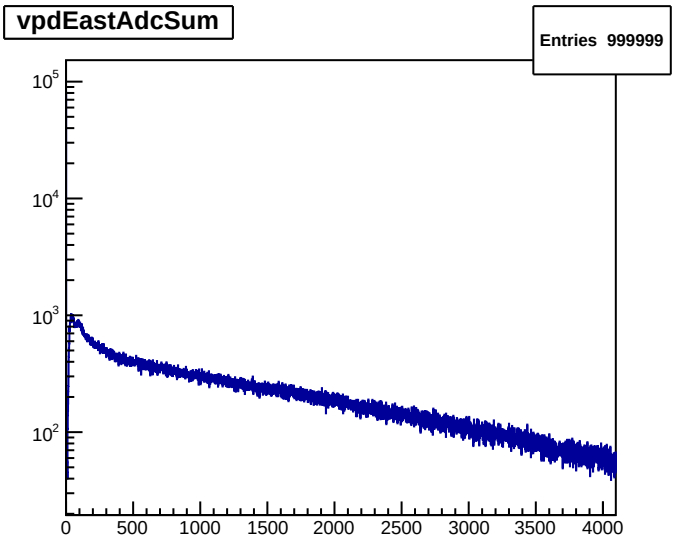

bbcSmallWestAdcSumVsSimu
Entries 223522
Data
Simu

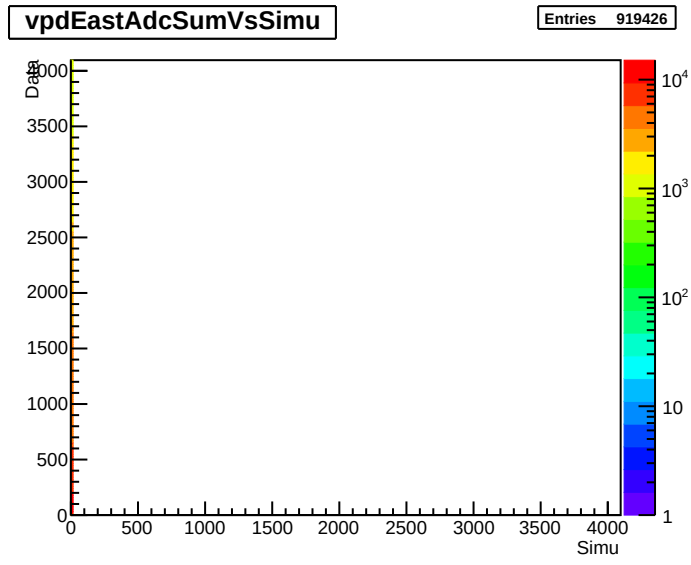

bbcSmallWestTacMax
Entries 999999

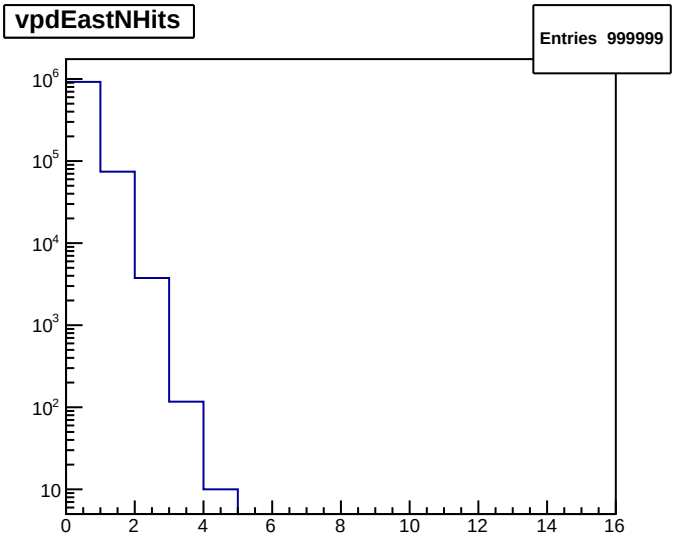

bbcSmallWestTacMaxVsSimu
Entries 223522
Data
Simu

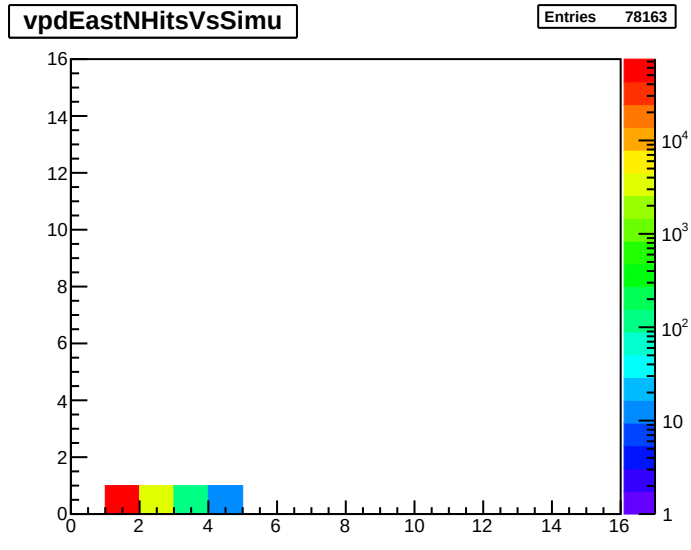

bbcLargeHit
Entries 1999998
981986
965466
18013
34533
1
0
E-Hit
W-Hit
$10^5$

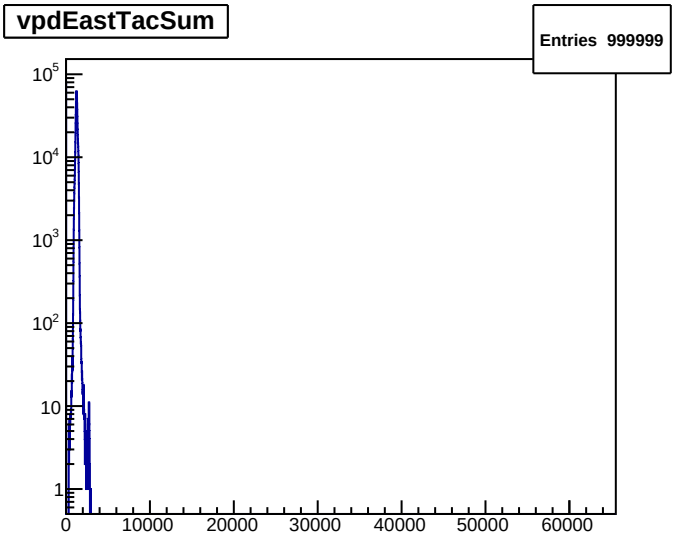

bbcLargeEastHitSimu
Entries 443359
221558
221801
1
0
-1
E-Hit
W-Hit
$10^5$
$10^4$
$10^3$
$10^2$
10
1

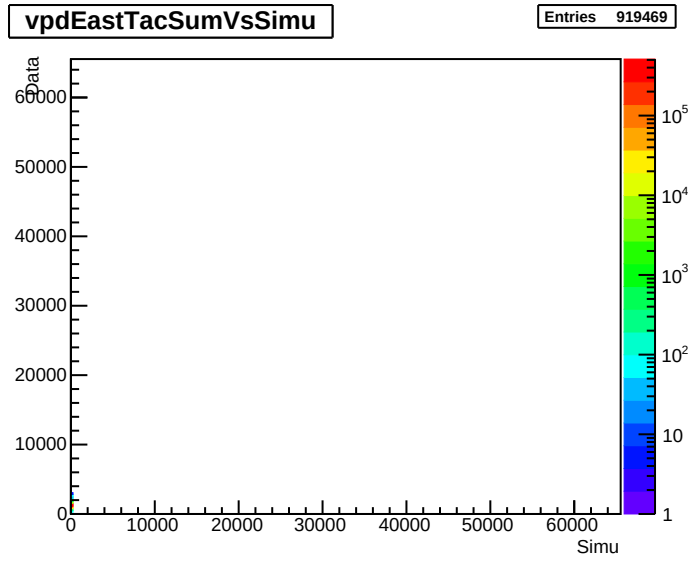

vpdEastAdcSum
Entries 999999

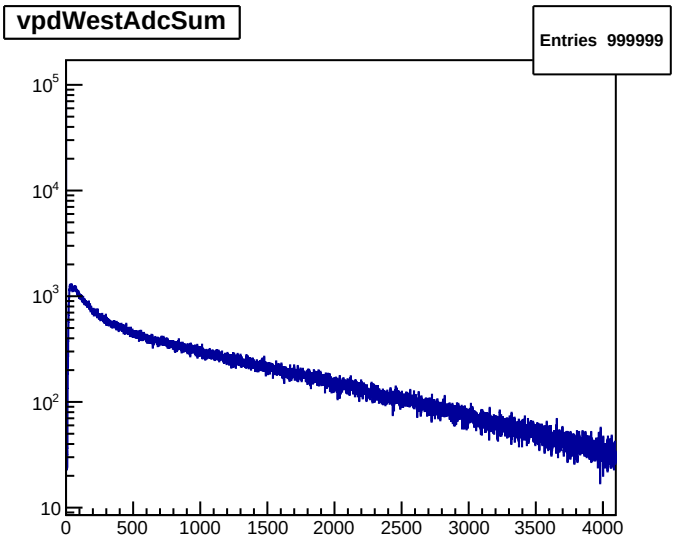

vpdEastAdcSumVsSimu
Entries 919426
Data
Simu

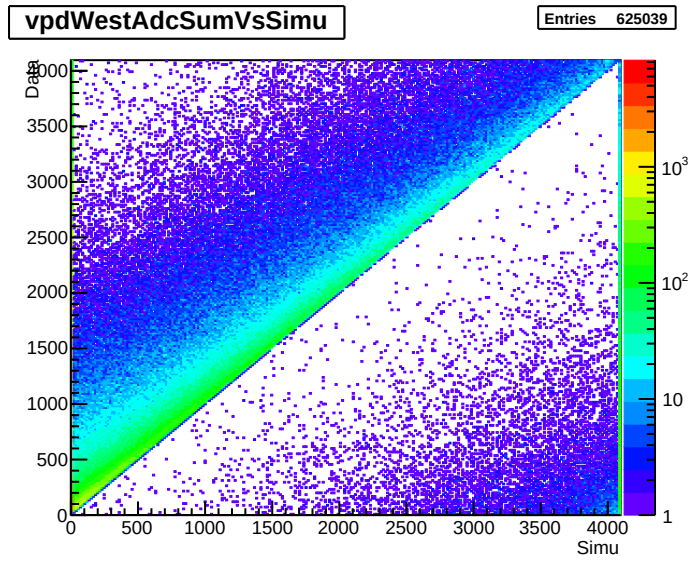

vpdEastNHits
Entries 999999

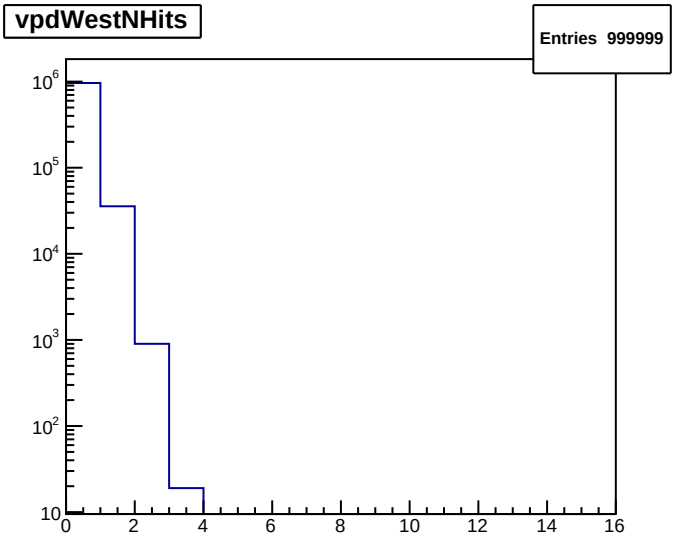

vpdEastNHitsVsSimu
Entries 78163

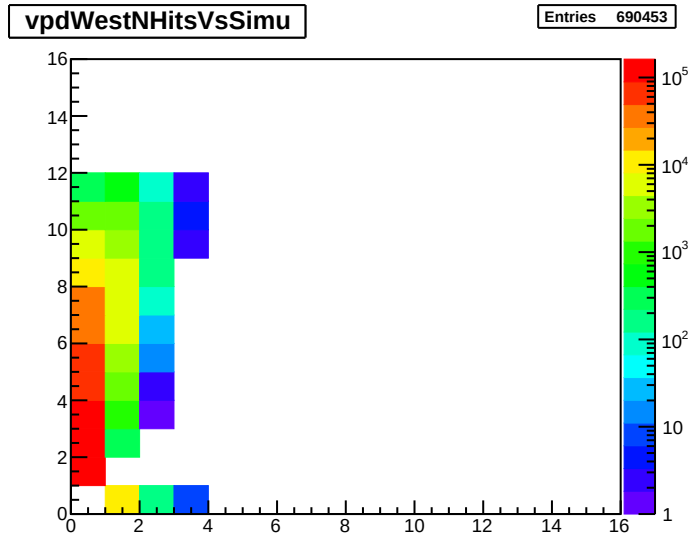

vpdEastTacSum
Entries 999999

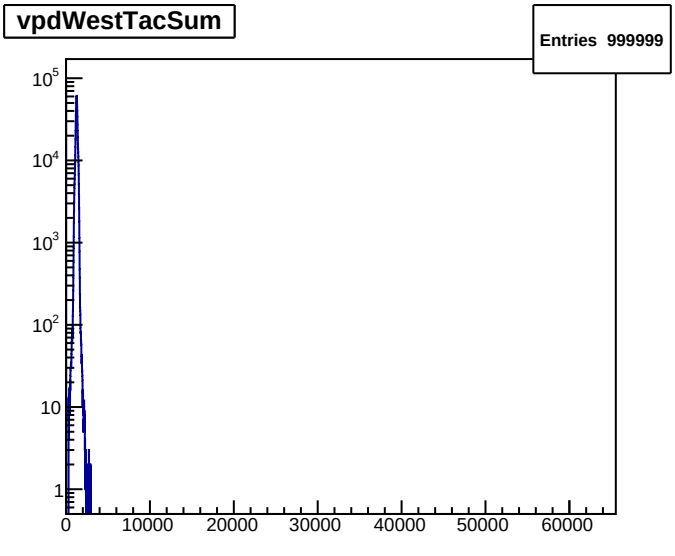

vpdEastTacSumVsSimu
Entries 919469
Data
Simu

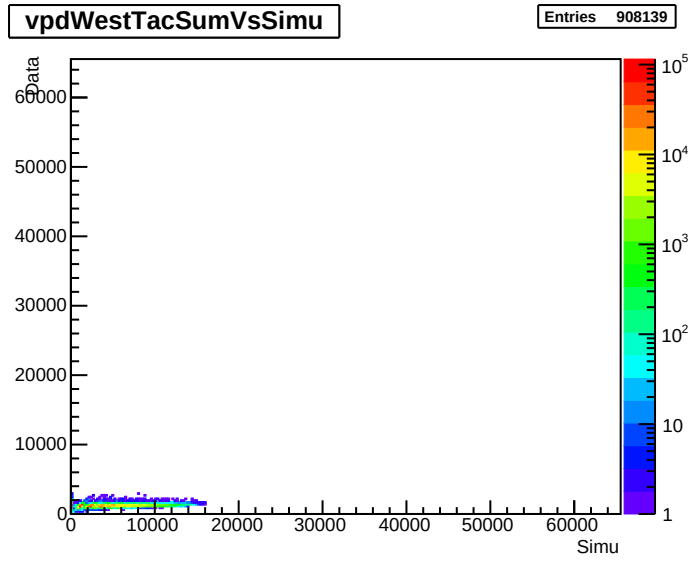

vpdWestAdcSum
Entries 999999

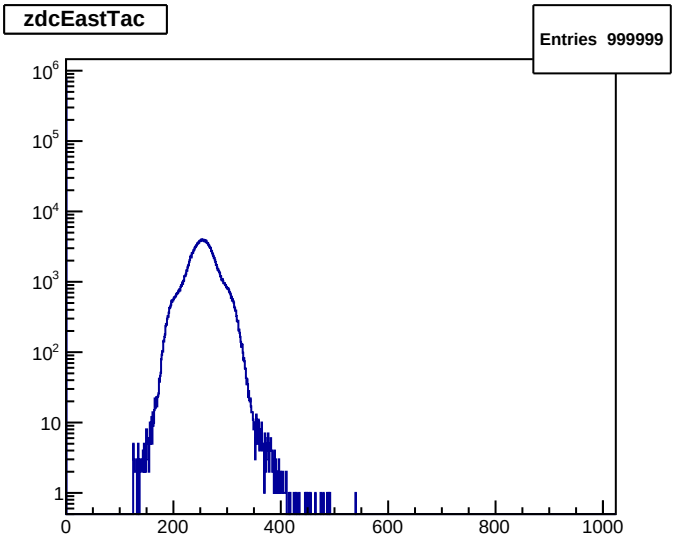

vpdWestAdcSumVsSimu
Entries 625039
Data
Simu

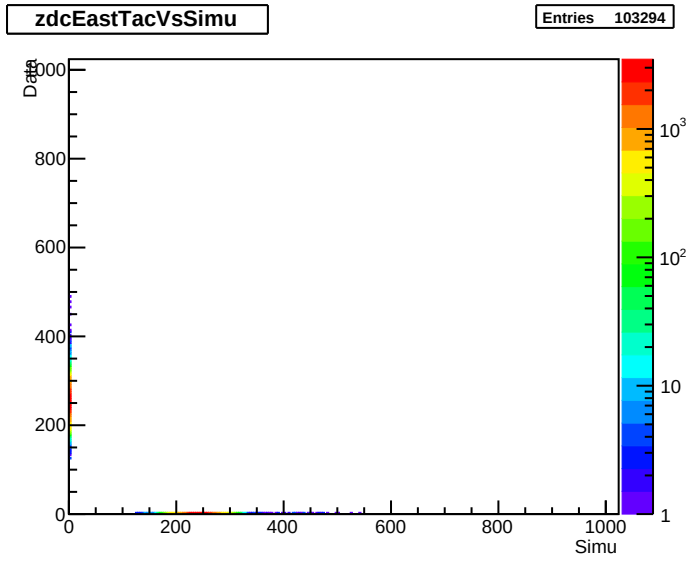

vpdWestNHits
Entries 999999

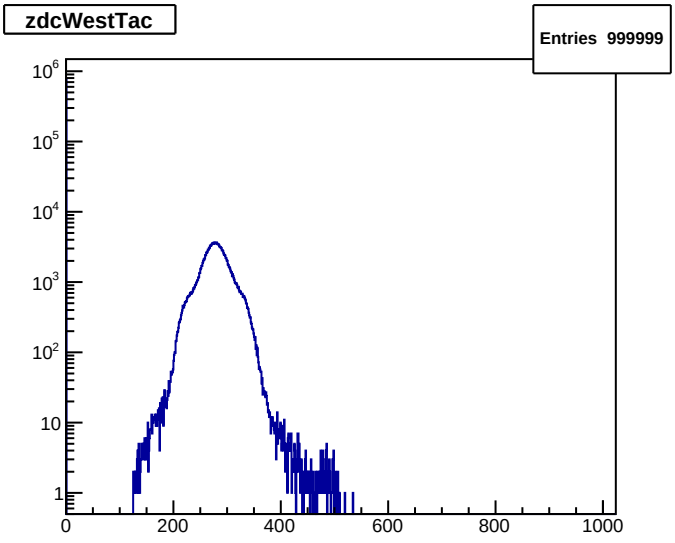

vpdWestNHitsVsSimu
Entries 690453

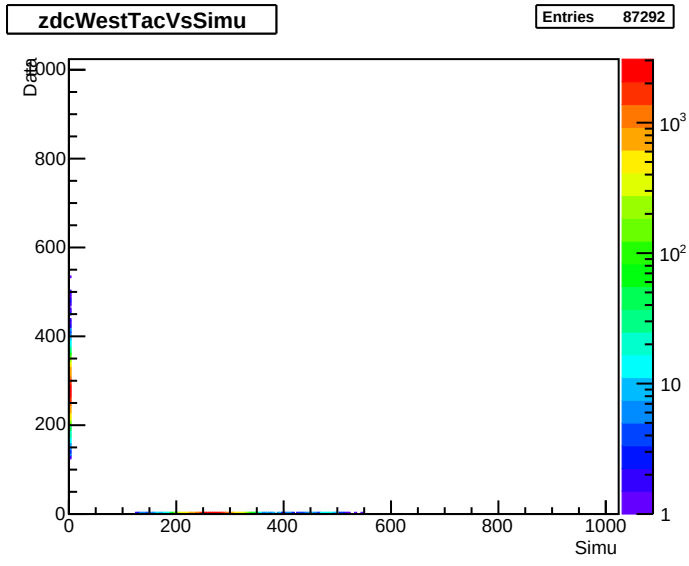

vpdWestTacSum
Entries 999999

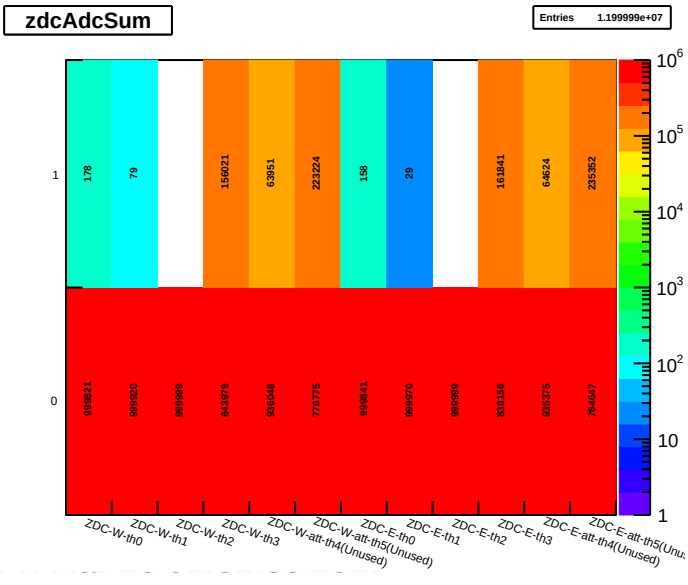

vpdWestTacSumVsSimu
Entries 908139
Data
Simu

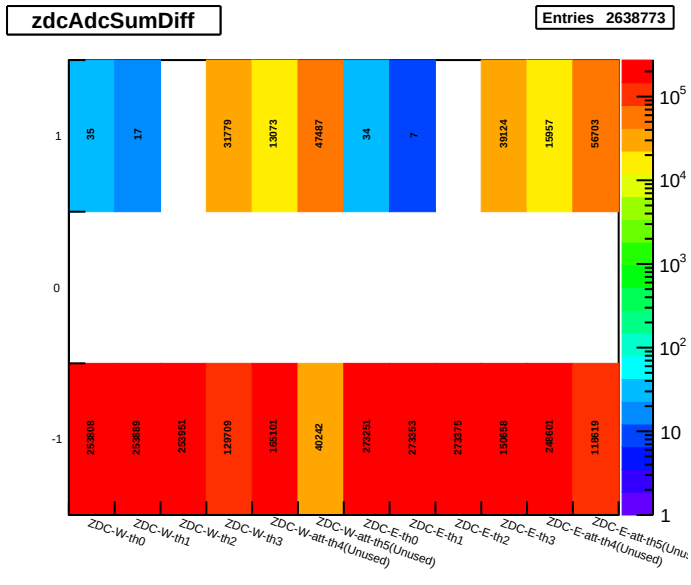

zdcEastTac
Entries 999999

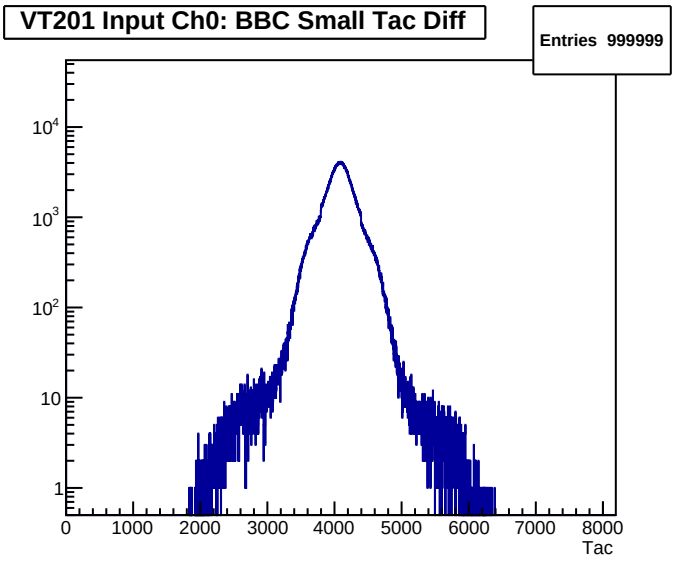

zdcEastTacVsSimu
Entries 103294
Data
Simu

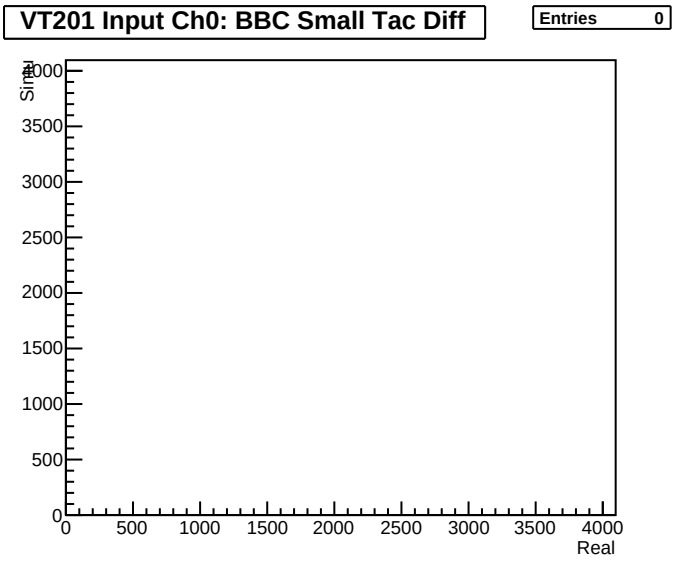

zdcWestTac
Entries 999999

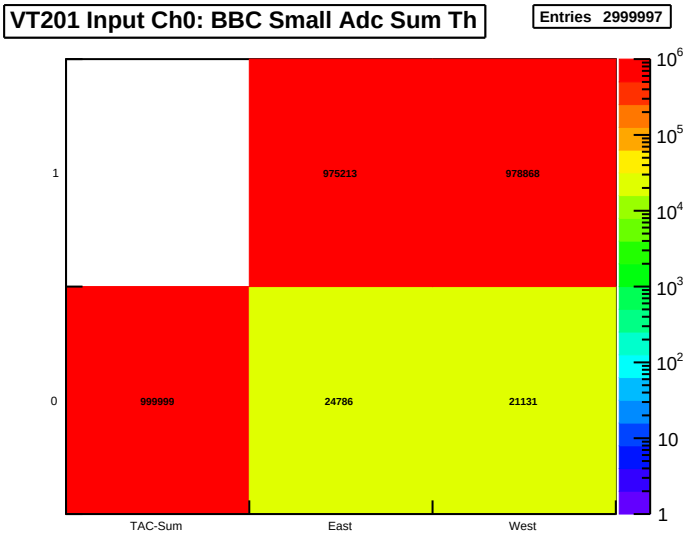

zdcWestTacVsSimu
Entries 87292
Data
Simu

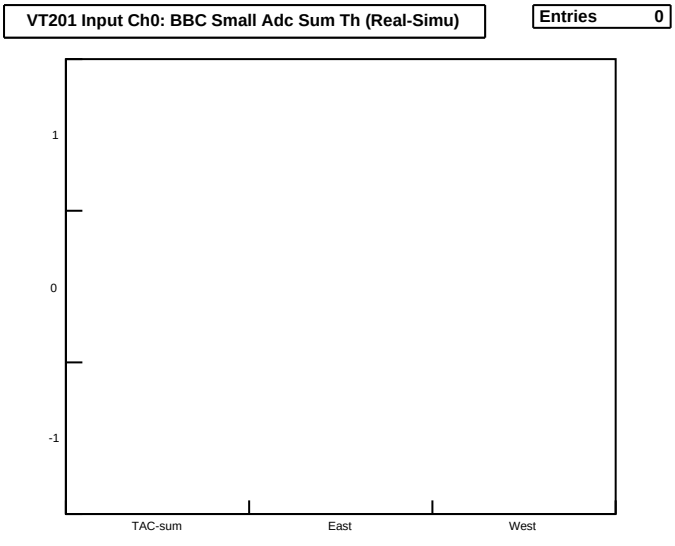

zdcAdcSum
Entries 1.199999e+07
178
79
156021
63951
223224
158
29
161841
64624
235352
999821
999920
999999
843978
936046
776775
999841
999970
999999
838158
935375
764647
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

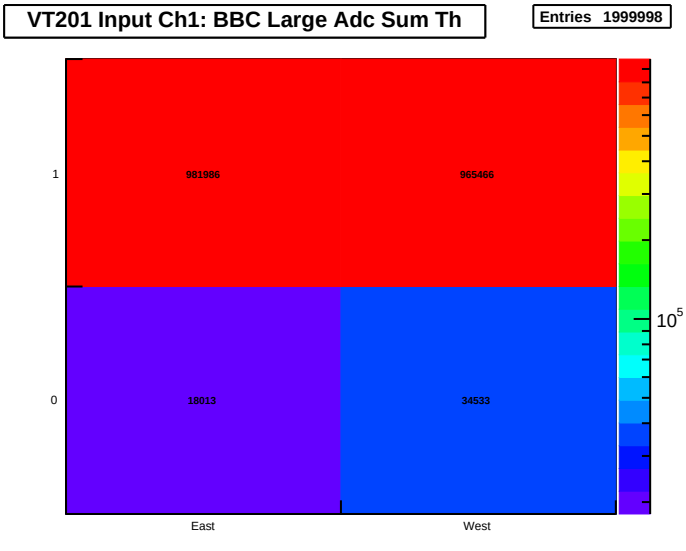

zdcAdcSumDiff
Entries 2638773
35
17
31779
13073
47487
34
7
39124
15957
56703
253808
253889
253951
129709
165101
40242
272251
273353
273375
150658
248601
118619
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

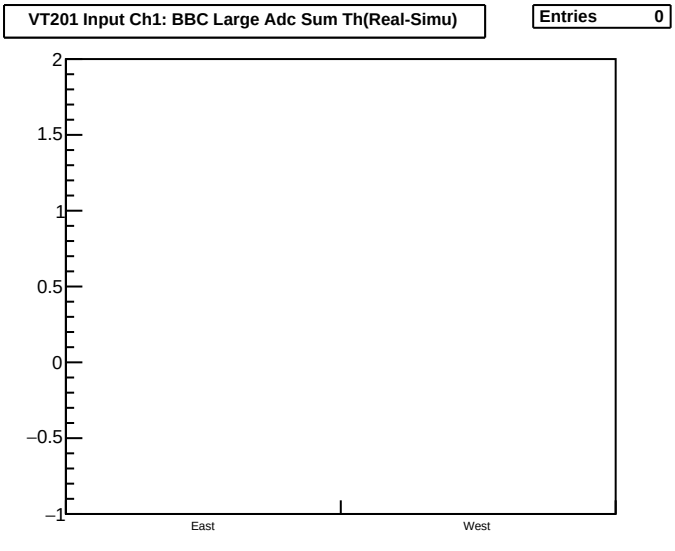

VT201 Input Ch0: BBC Small Tac Diff
Entries 999999
Tac


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

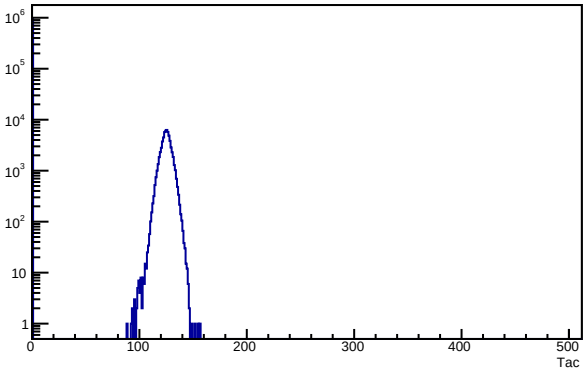

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2999997
975213
978868
999999
24786
21131
TAC-Sum
East
West


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

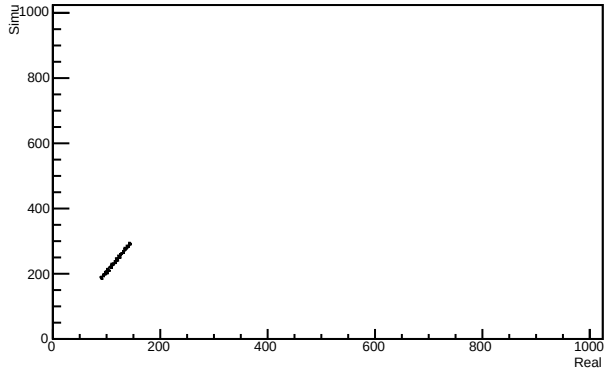

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1999998
981986
965466
18013
34533
East
West


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

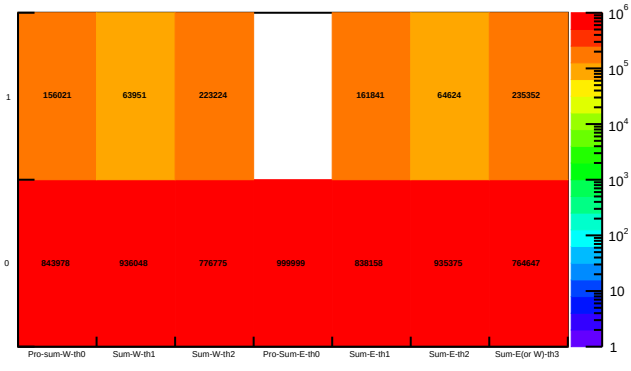
**VT201 Input Ch2: ZDC Tac Diff**



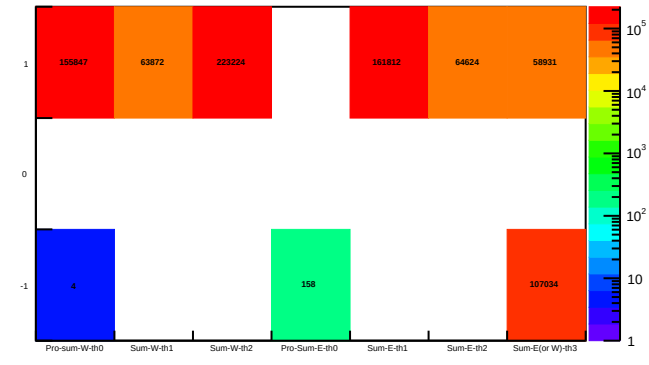

**VT201 Input Ch2: ZDC Tac Diff**



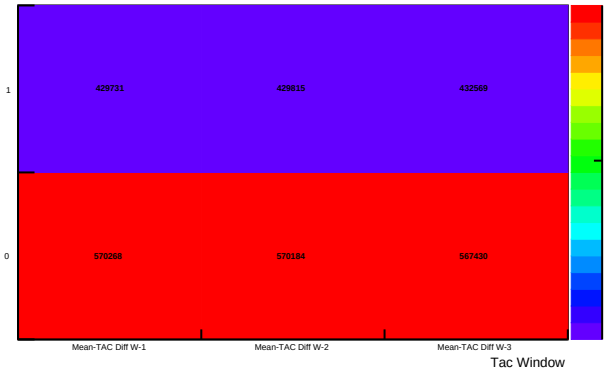

**VT201 Input Ch2: ZDC Adc Sum Th**



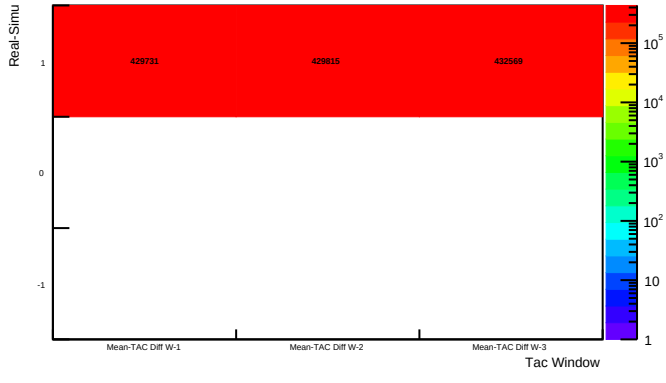

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



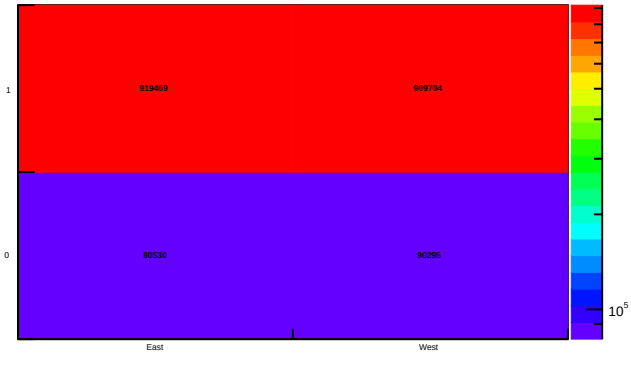

**VT201 Input Ch4: VPD Tac Diff**



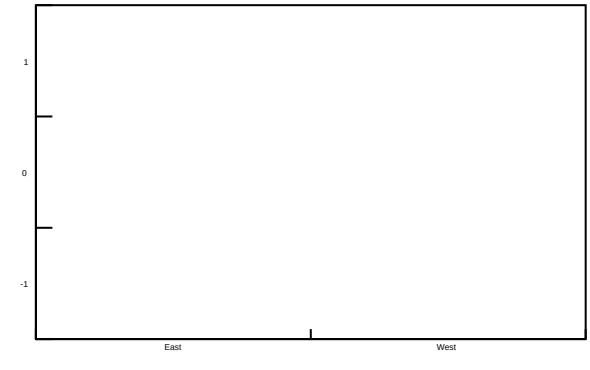

**VT201 Input Ch4: VPD Tac Diff**

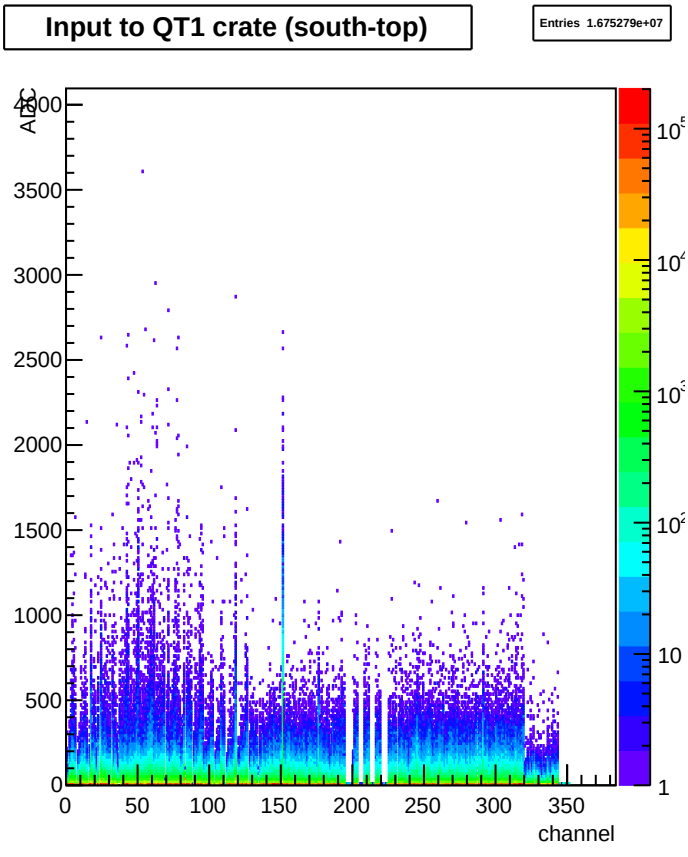


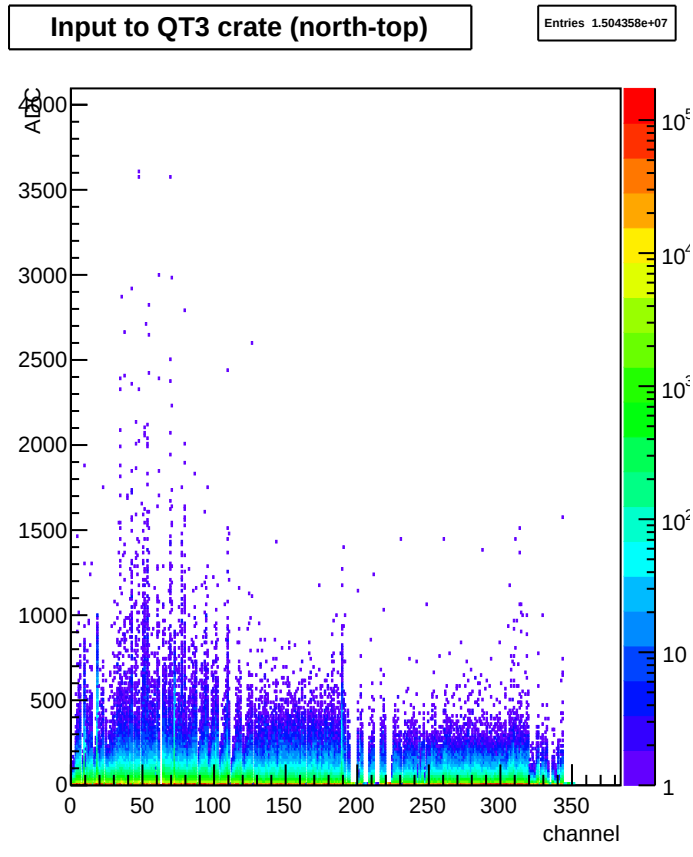

**VT201 Input Ch4: VPD Adc Sum Th**

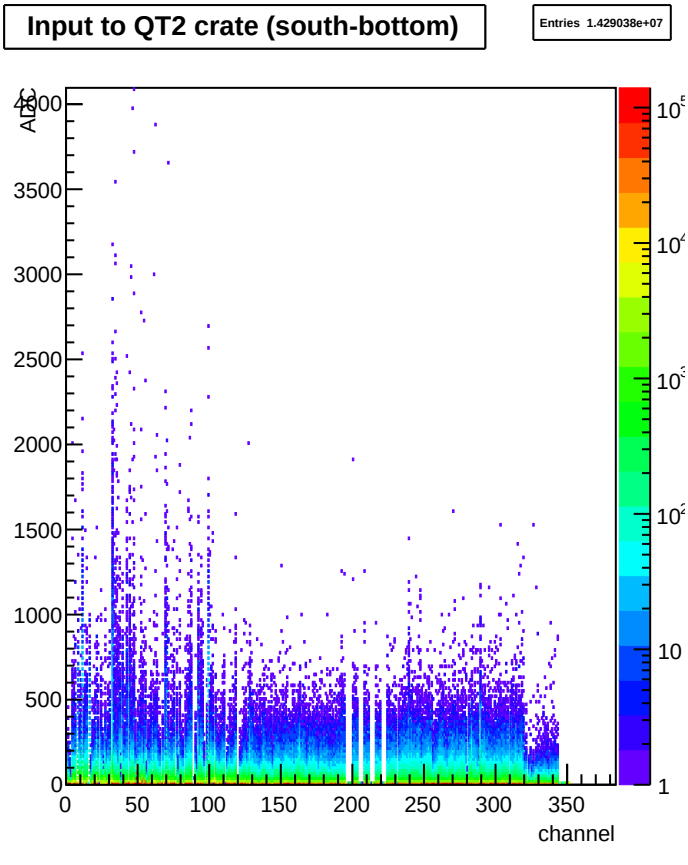


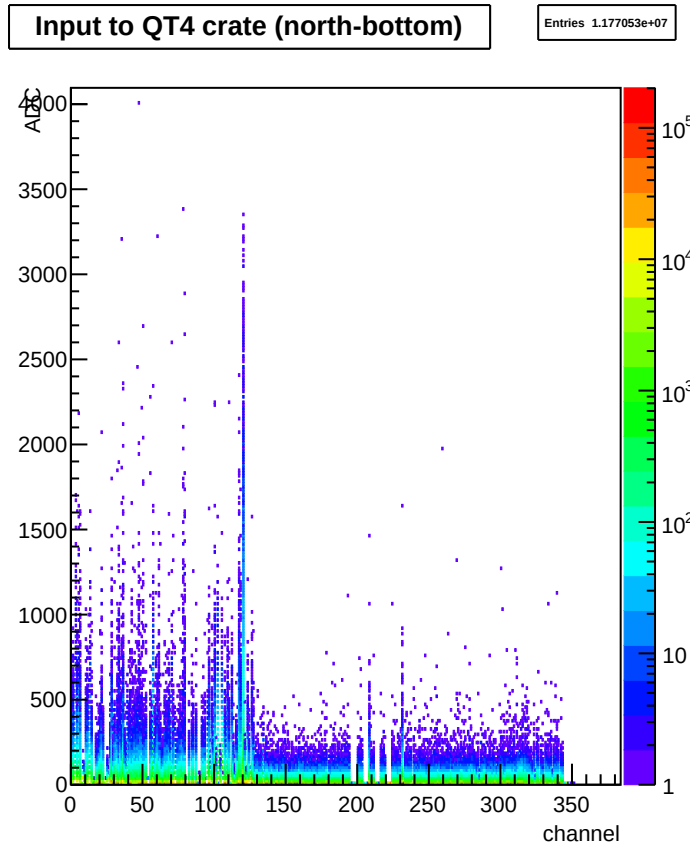

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

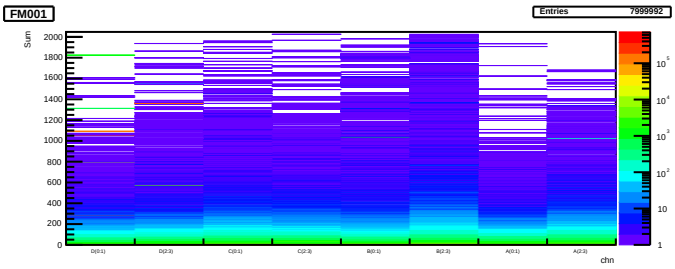


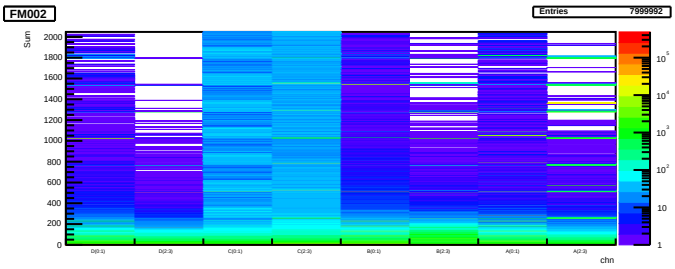

Input to QT1 crate (south-top)
Entries 1.675279e+07
ADC
channel

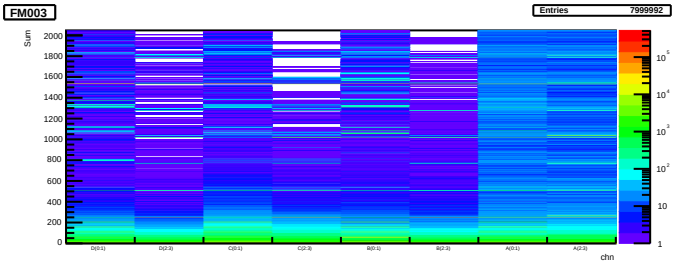

Input to QT3 crate (north-top)
Entries 1.504358e+07
ADC
channel

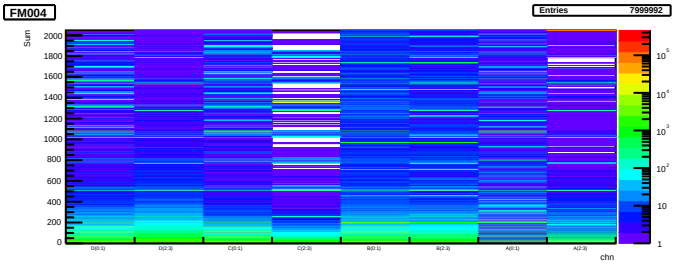

Input to QT2 crate (south-bottom)
Entries 1.429038e+07
ADC
channel

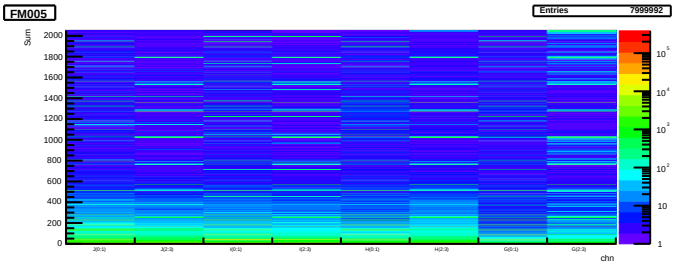

Input to QT4 crate (north-bottom)
Entries 1.177053e+07
ADC
channel

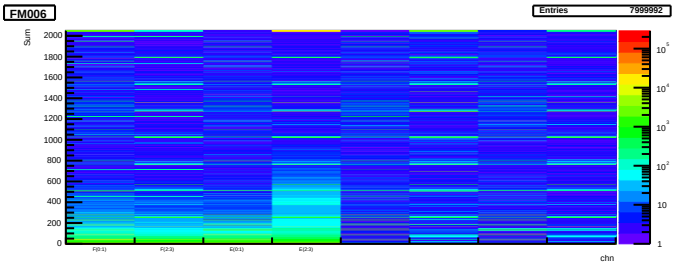

FM001
Entries 7999992
Sum
chn

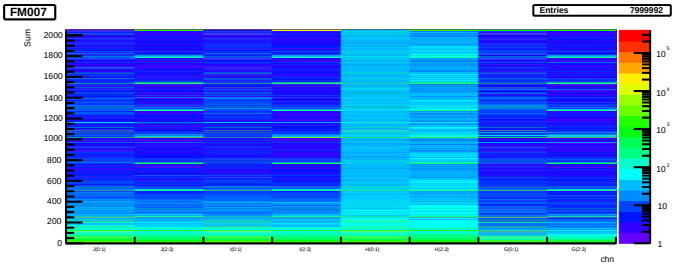

FM002
Entries 7999992
Sum
chn

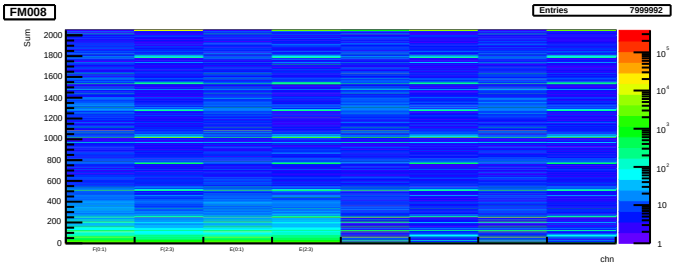

FM003
Entries 7999992
Sum
chn

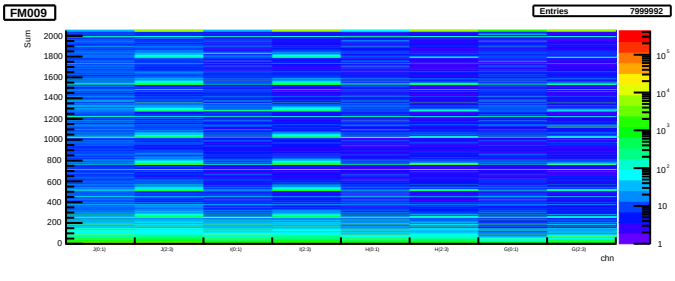

FM004
Entries 7999992
Sum
chn

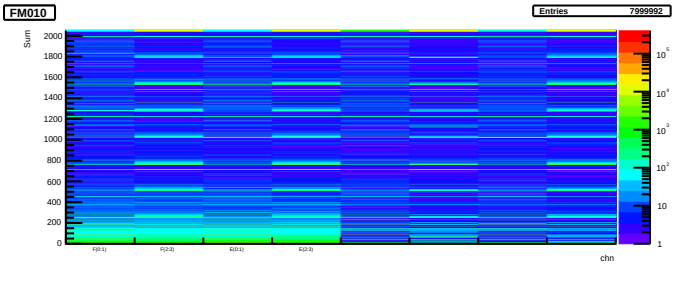

FM005
Entries 7999992
Sum
chn

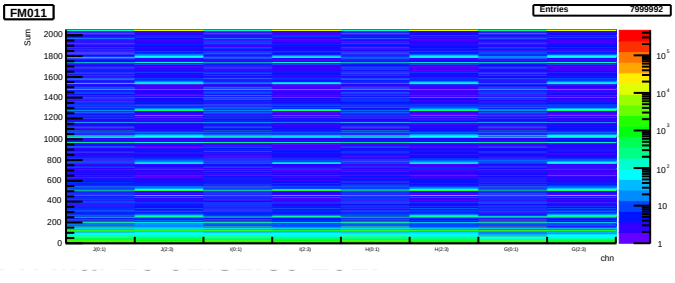

FM006
Entries 7999992
Sum
chn

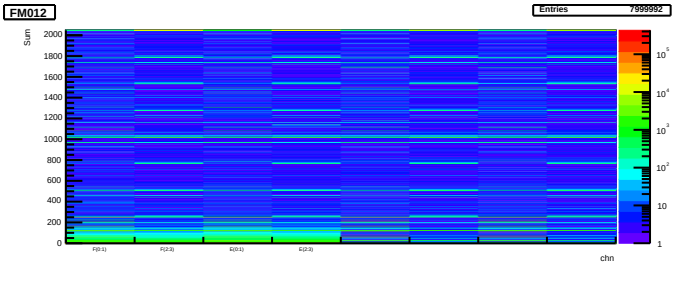

FM007
Entries 7999992
Sum
chn

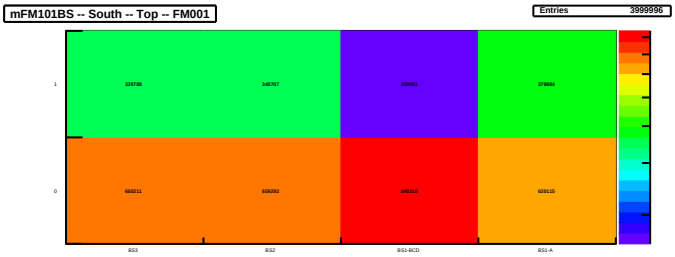

FM008
Entries 7999992
Sum
chn

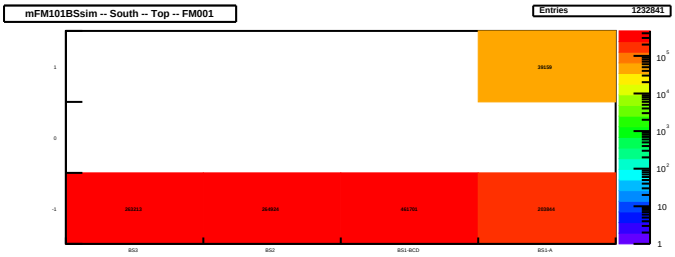

FM009
Entries 7999992
Sum
chn

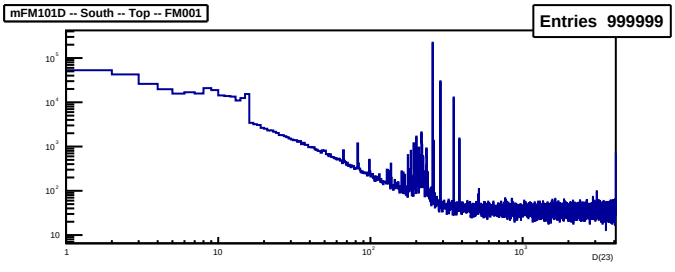

FM010
Entries 7999992
Sum
chn

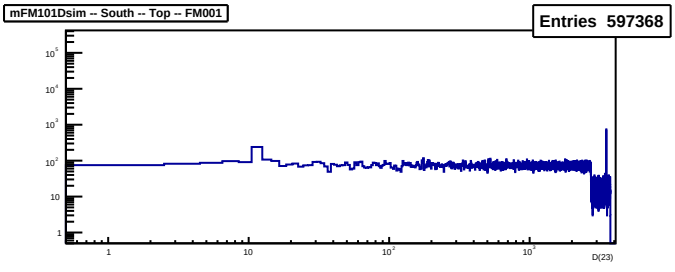

FM011
Entries 7999992
Sum
chn

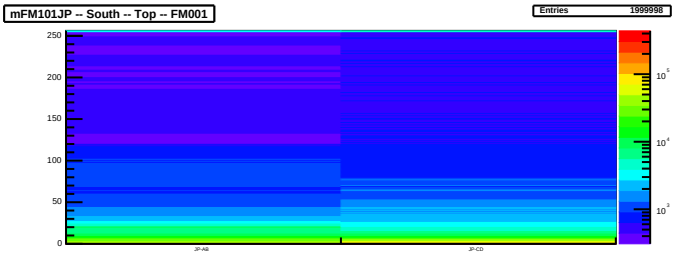

FM012
Entries 7999992
Sum
chn

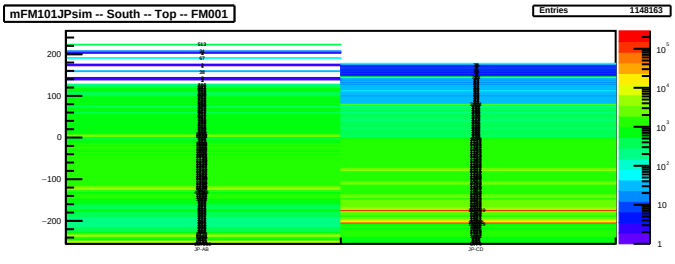

mFM101BS -- South -- Top -- FM001
Entries 3999996

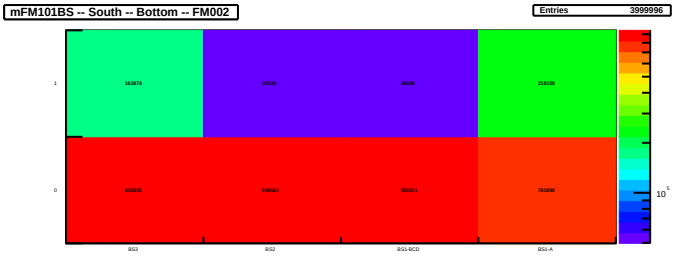

mFM101BSsim -- South -- Top -- FM001
Entries 1232841

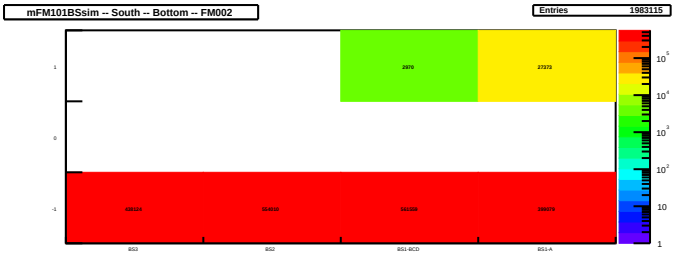

mFM101D -- South -- Top -- FM001
Entries 999999
D(23)

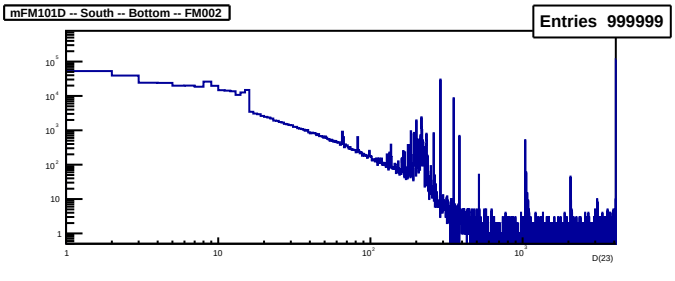

mFM101Dsim -- South -- Top -- FM001
Entries 597368
D(23)

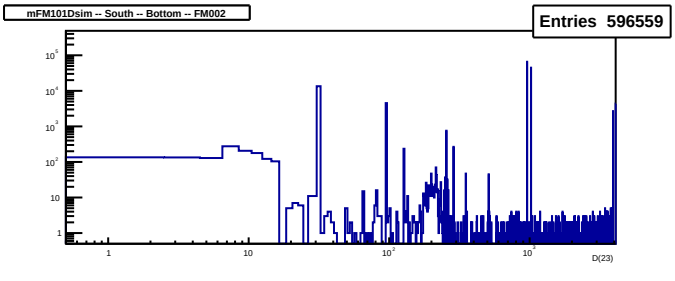

mFM101JP -- South -- Top -- FM001
Entries 1999998

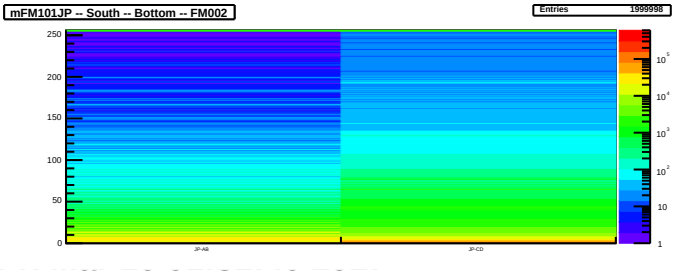

mFM101JPsim -- South -- Top -- FM001
Entries 1148163

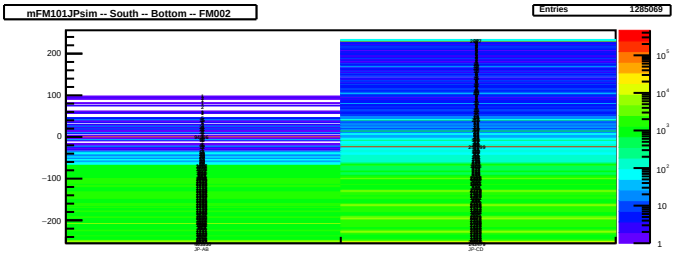

mFM101BS -- South -- Bottom -- FM002
Entries 3999996

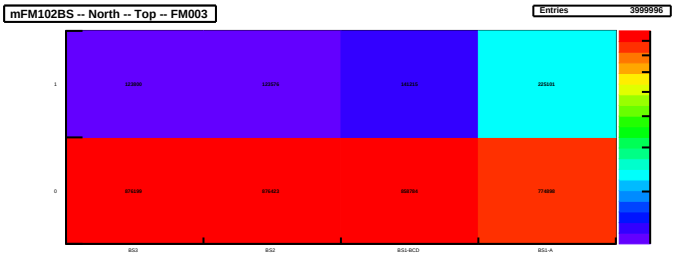

mFM101BSsim -- South -- Bottom -- FM002
Entries 1983115

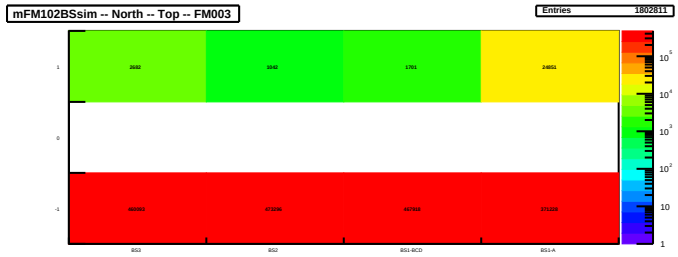

mFM101D -- South -- Bottom -- FM002
Entries 999999
D(23)

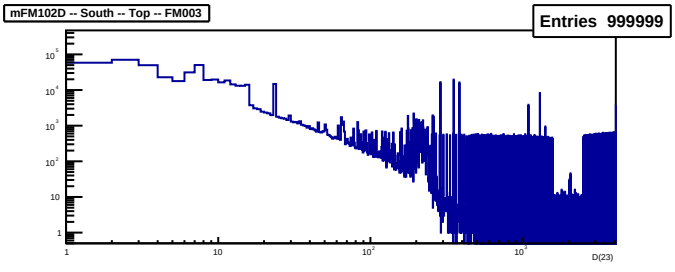

mFM101Dsim -- South -- Bottom -- FM002
Entries 596559
D(23)

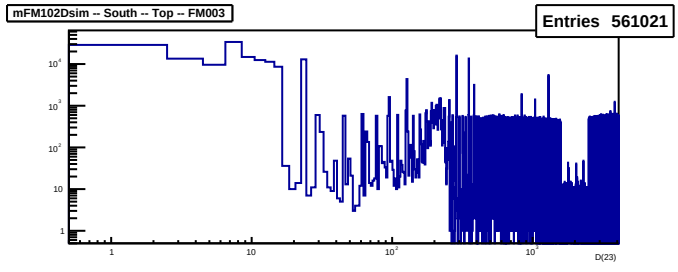

mFM101JP -- South -- Bottom -- FM002
Entries 1999998

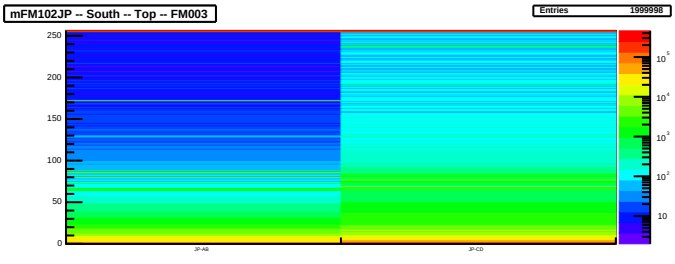

mFM101JPsim -- South -- Bottom -- FM002
Entries 1285069

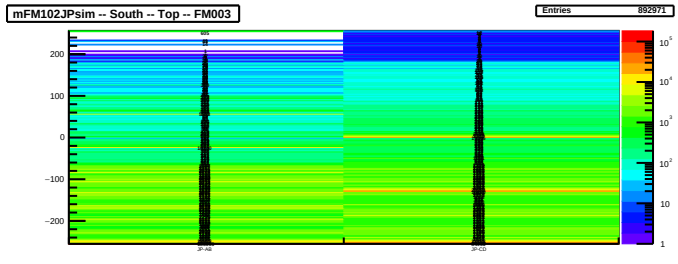

mFM102BS -- North -- Top -- FM003
Entries 3999996

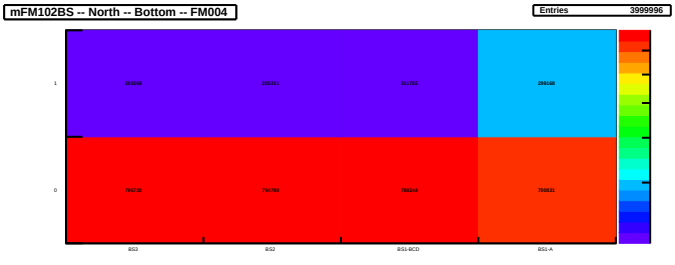

mFM102BSsim -- North -- Top -- FM003
Entries 1802811

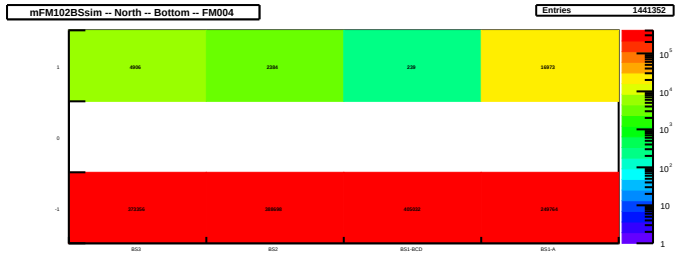

mFM102D -- South -- Top -- FM003
Entries 999999
D(23)

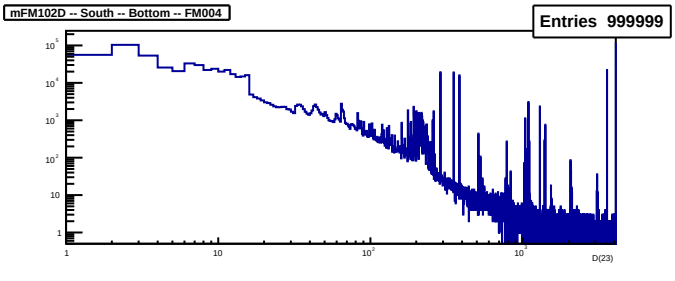

mFM102Dsim -- South -- Top -- FM003
Entries 561021
D(23)

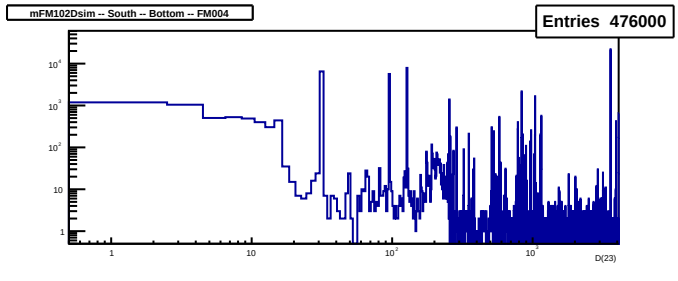

mFM102JP -- South -- Top -- FM003
Entries 1999998

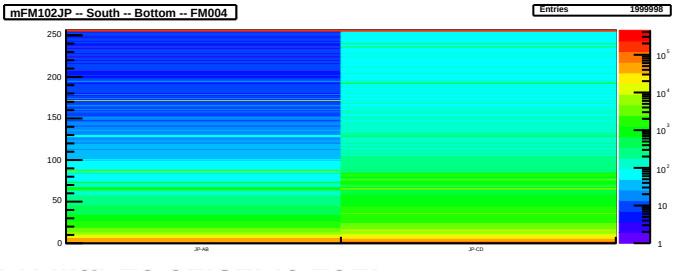

mFM102JPsim -- South -- Top -- FM003
Entries 892971

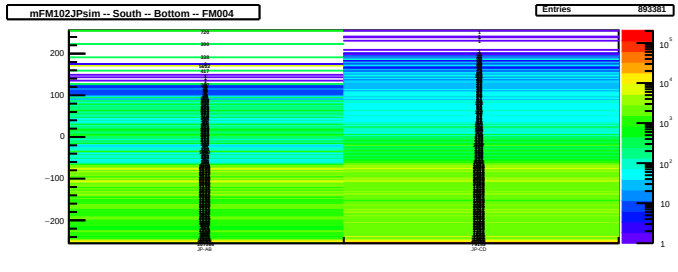

mFM102BS -- North -- Bottom -- FM004
Entries 3999996

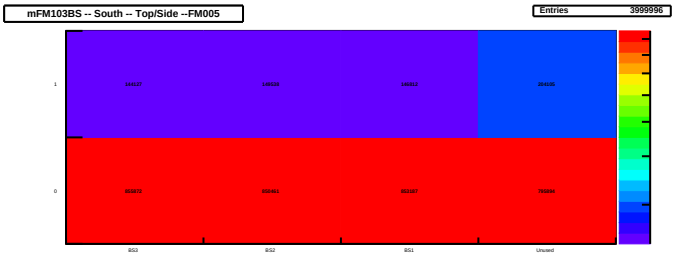

mFM102BSsim -- North -- Bottom -- FM004
Entries 1441352

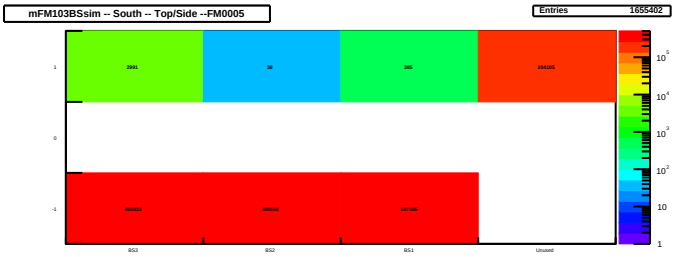

mFM102D -- South -- Bottom -- FM004
Entries 999999
D(23)

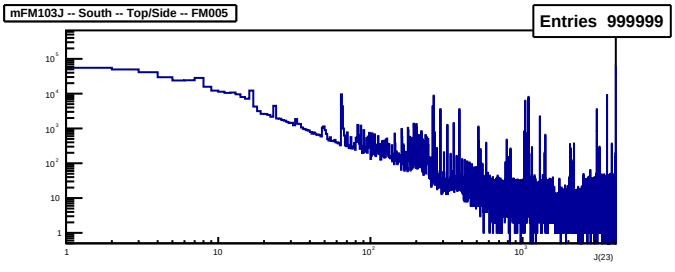

mFM102Dsim -- South -- Bottom -- FM004
Entries 476000
D(23)

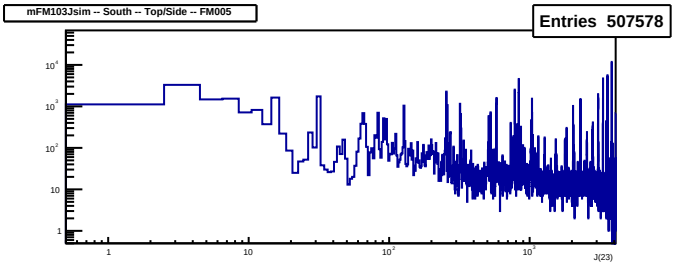

mFM102JP -- South -- Bottom -- FM004
Entries 1999998

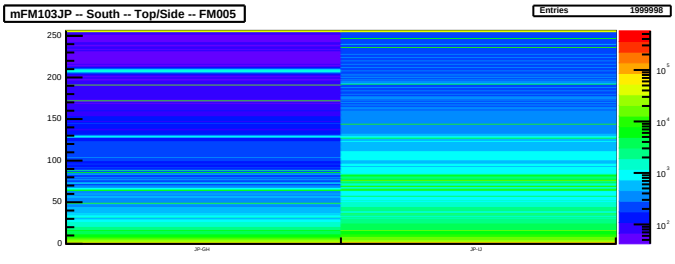

mFM102JPsim -- South -- Bottom -- FM004
Entries 893381

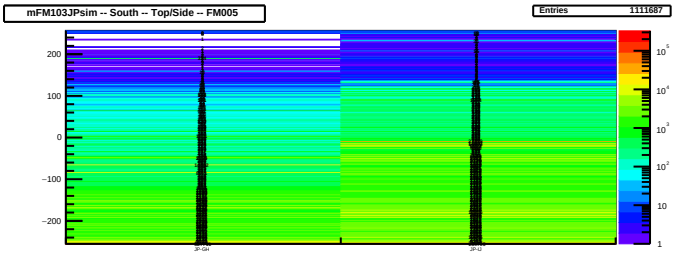

mFM103BS -- South -- Top/Side --FM005
Entries 3999996

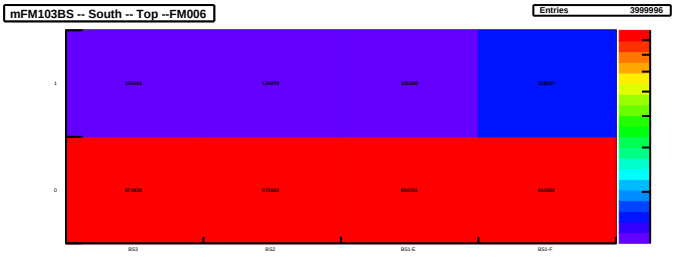

mFM103BSsim -- South -- Top/Side --FM0005
Entries 1655402

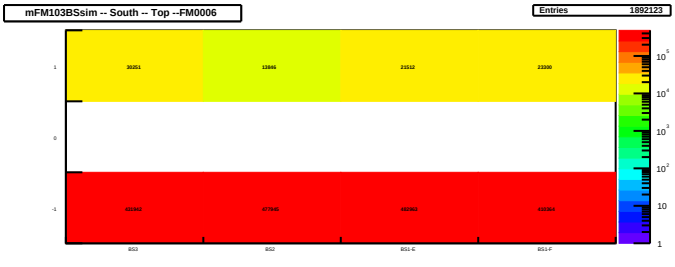

mFM103J -- South -- Top/Side -- FM005
Entries 999999
J(23)

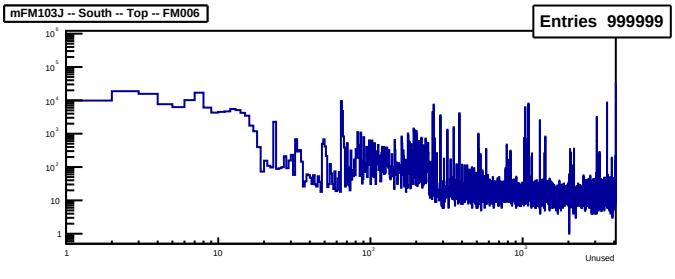

mFM103Jsim -- South -- Top/Side -- FM005
Entries 507578
J(23)

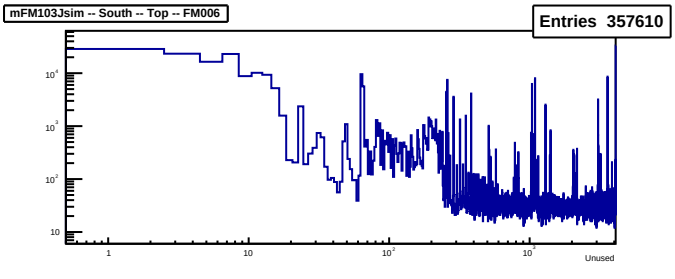

mFM103JP -- South -- Top/Side -- FM005
Entries 1999998

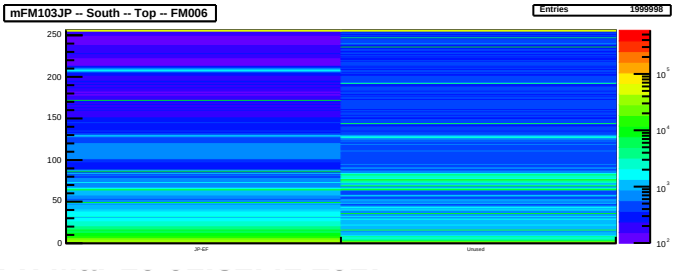

mFM103JPsim -- South -- Top/Side -- FM005
Entries 1111687

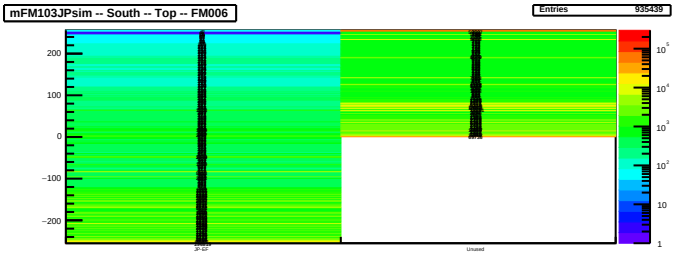

mFM103BS -- South -- Top --FM006
Entries 3999996

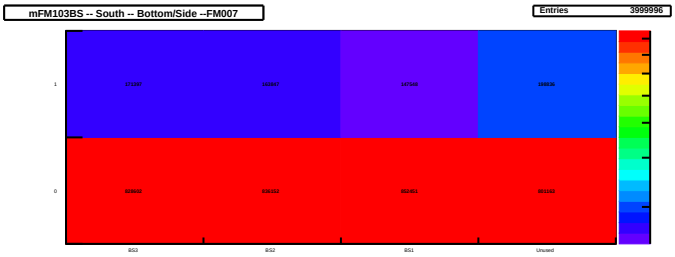

mFM103BSsim -- South -- Top --FM0006
Entries 1892123

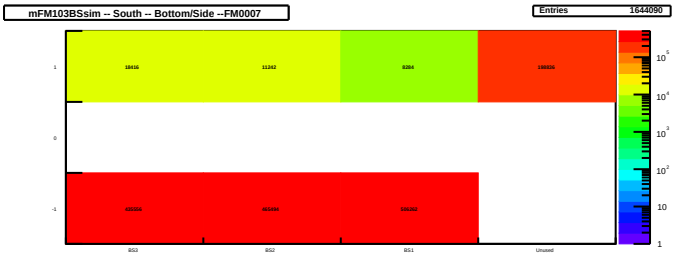

mFM103J -- South -- Top -- FM006
Entries 999999
Unused

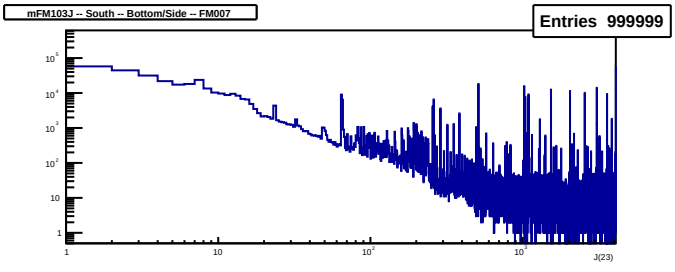

mFM103Jsim -- South -- Top -- FM006
Entries 357610
Unused

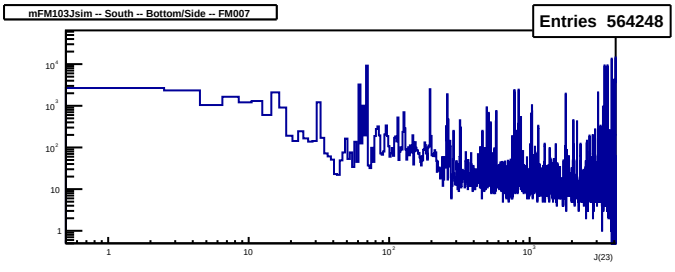

mFM103JP -- South -- Top -- FM006
Entries 1999998

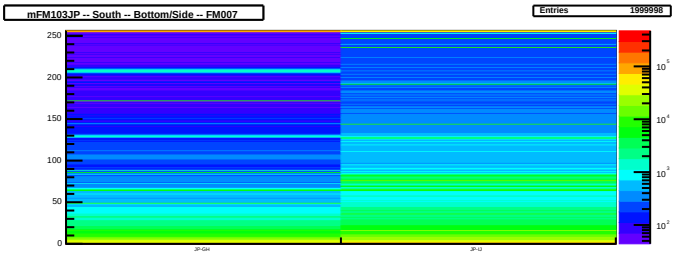

mFM103JPsim -- South -- Top -- FM006
Entries 935439

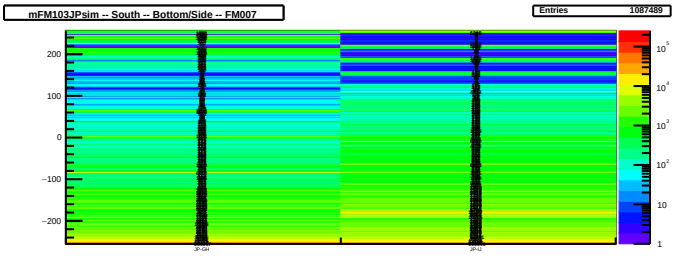

mFM103BS -- South -- Bottom/Side --FM007
Entries 3999996

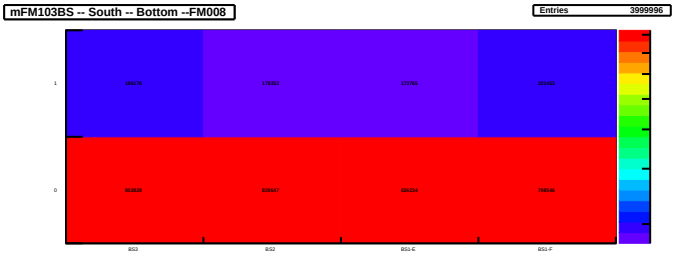

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 1644090

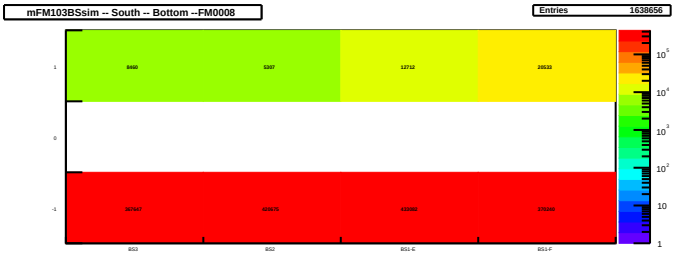

mFM103J -- South -- Bottom/Side -- FM007
Entries 999999
J(23)

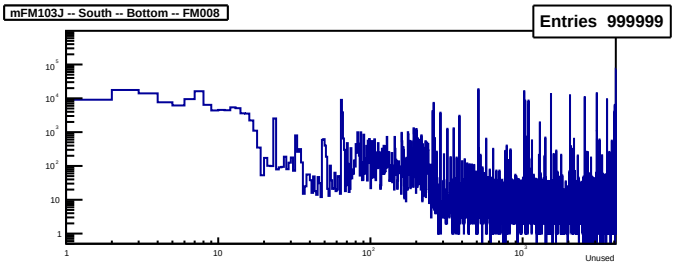

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 564248
J(23)

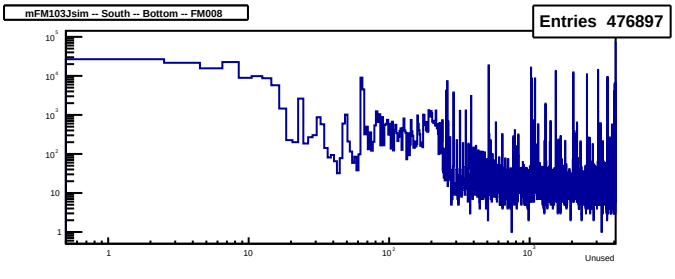

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1999998

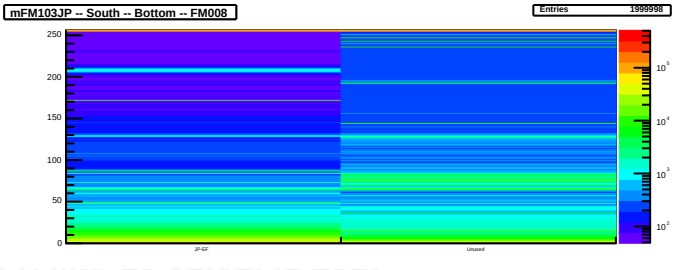

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 1087489

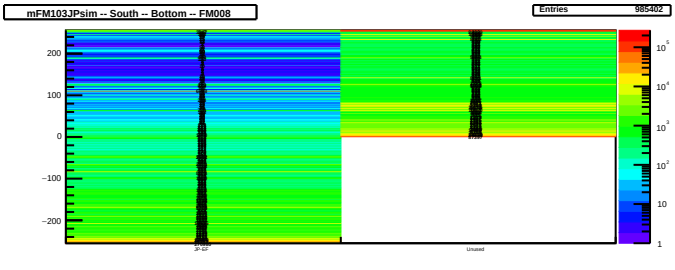

mFM103BS -- South -- Bottom --FM008
Entries 3999996

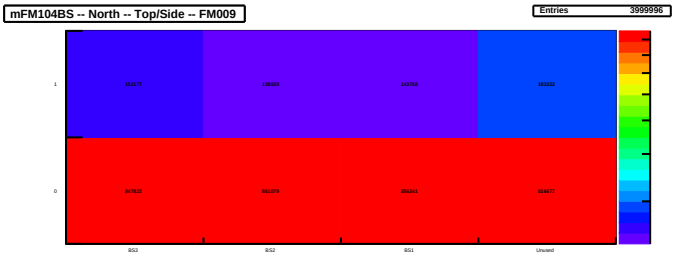

mFM103BSsim -- South -- Bottom --FM0008
Entries 1638656

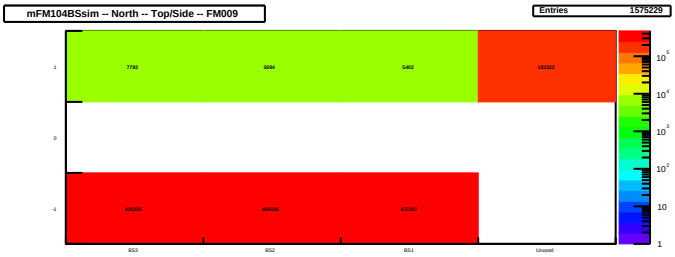

mFM103J -- South -- Bottom -- FM008
Entries 999999
Unused

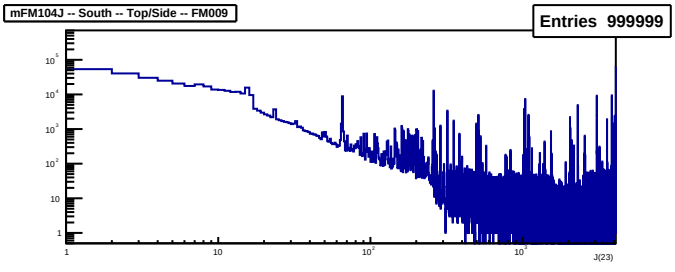

mFM103Jsim -- South -- Bottom -- FM008
Entries 476897
Unused

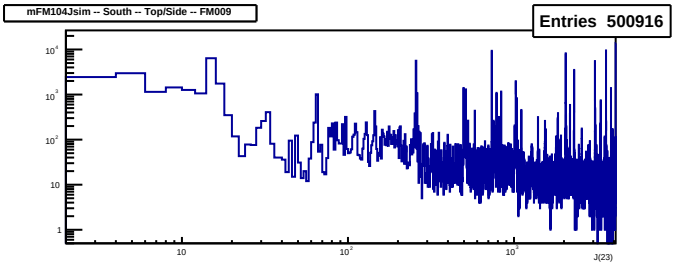

mFM103JP -- South -- Bottom -- FM008
Entries 1999998

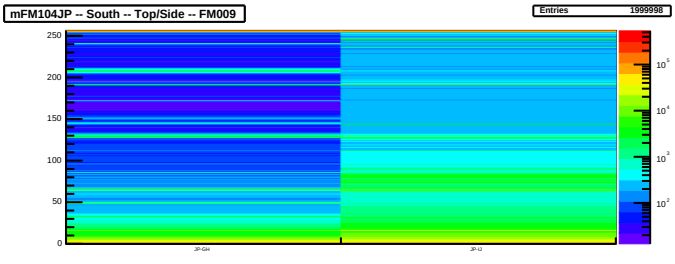

mFM103JPsim -- South -- Bottom -- FM008
Entries 985402

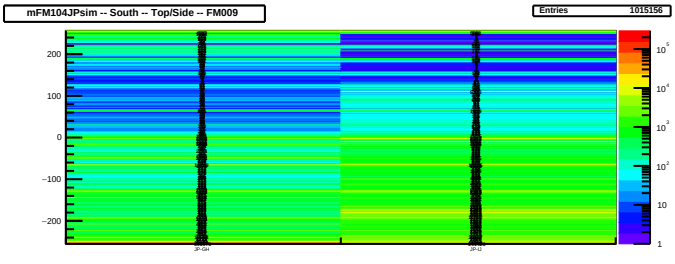

mFM104BS -- North -- Top/Side -- FM009
Entries 3999996

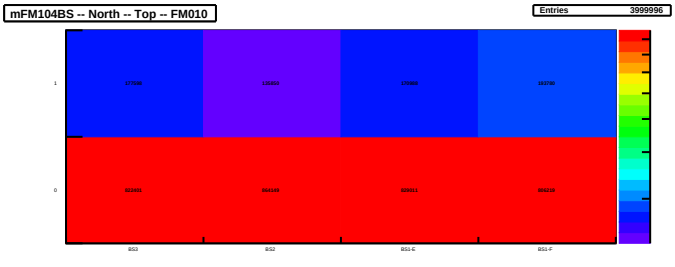

mFM104BSsim -- North -- Top/Side -- FM009
Entries 1575229

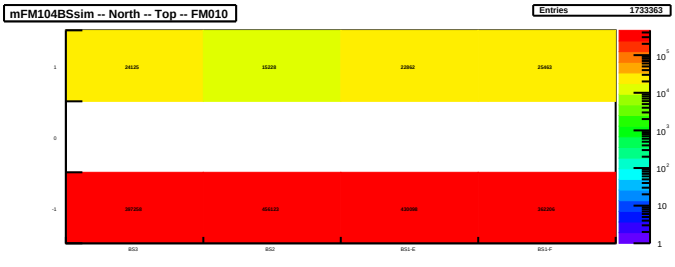

mFM104J -- South -- Top/Side -- FM009
Entries 999999
J(23)

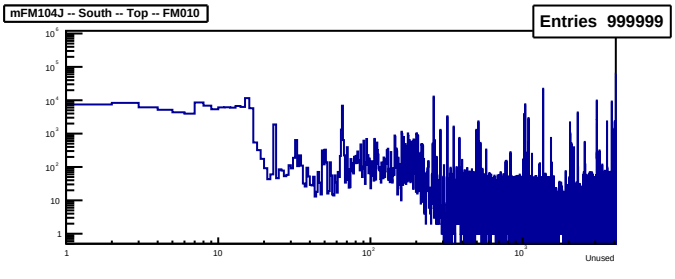

mFM104Jsim -- South -- Top/Side -- FM009
Entries 500916
J(23)

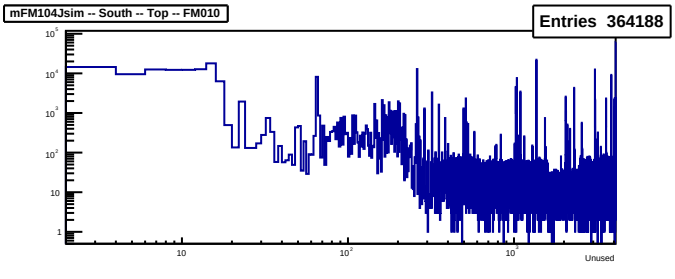

mFM104JP -- South -- Top/Side -- FM009
Entries 1999998

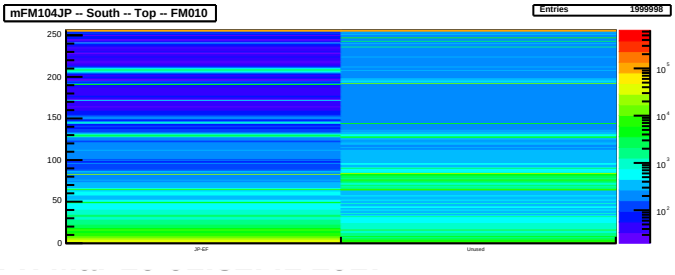

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1015156

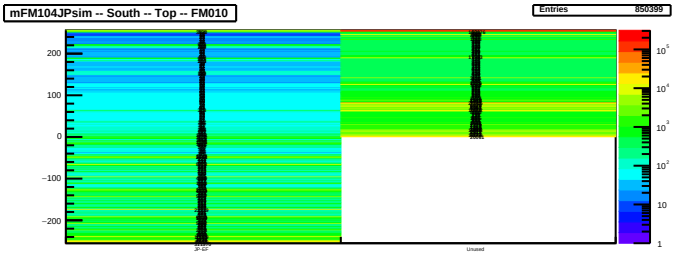

mFM104BS -- North -- Top -- FM010
Entries 3999996

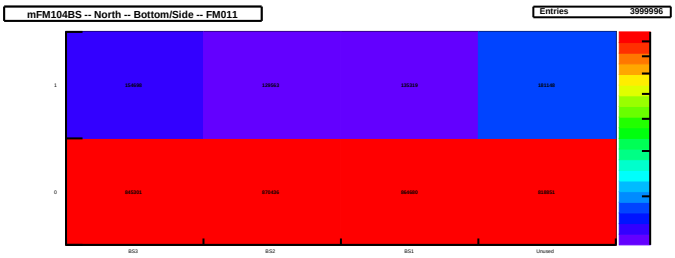

mFM104BSsim -- North -- Top -- FM010
Entries 1733363

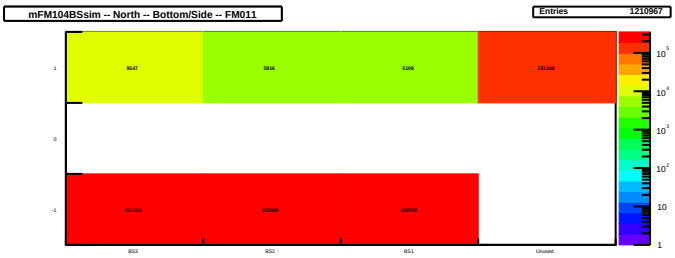

mFM104J -- South -- Top -- FM010
Entries 999999
Unused

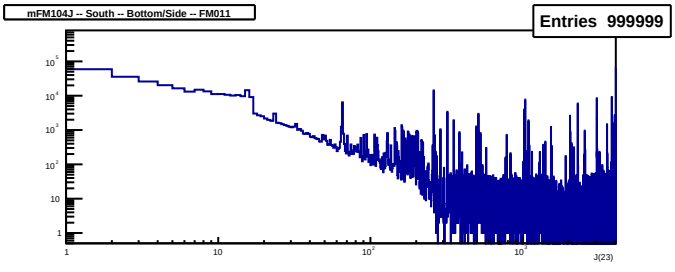

mFM104Jsim -- South -- Top -- FM010
Entries 364188
Unused

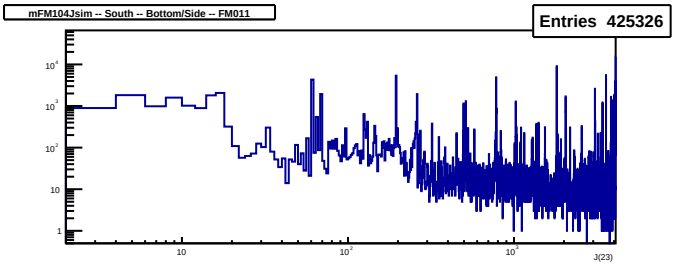

mFM104JP -- South -- Top -- FM010
Entries 1999998

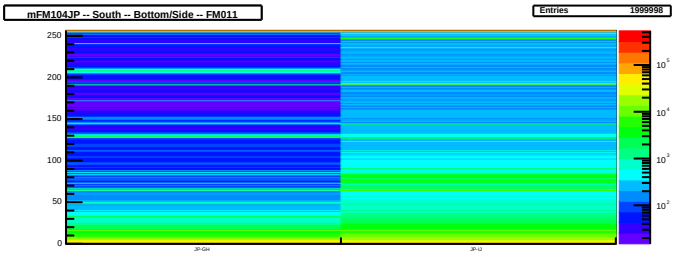

mFM104JPsim -- South -- Top -- FM010
Entries 850399

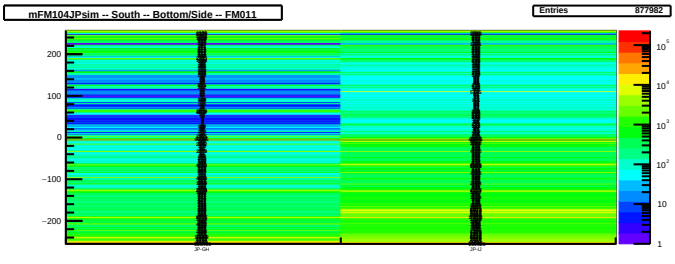

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3999996

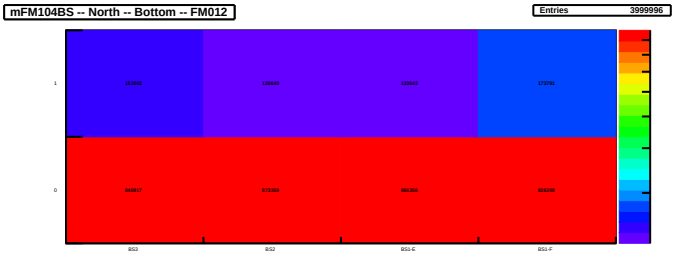

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1210967

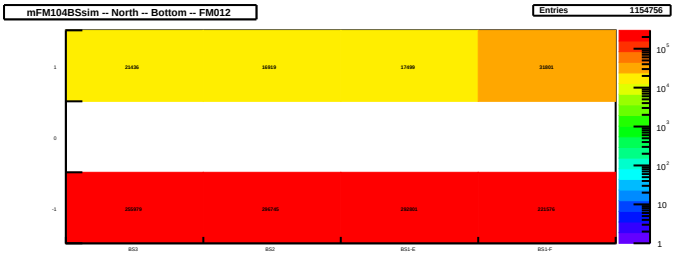

mFM104J -- South -- Bottom/Side -- FM011
Entries 999999
J(23)

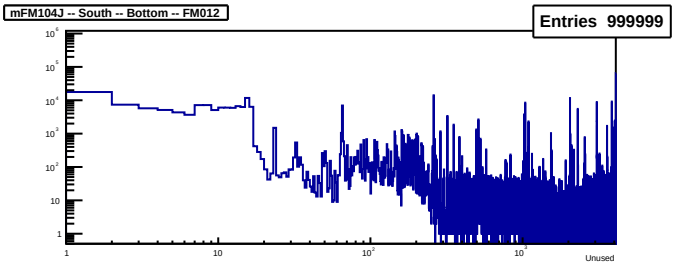

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 425326
J(23)

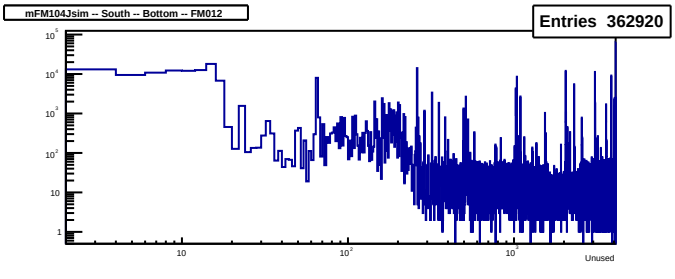

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1999998

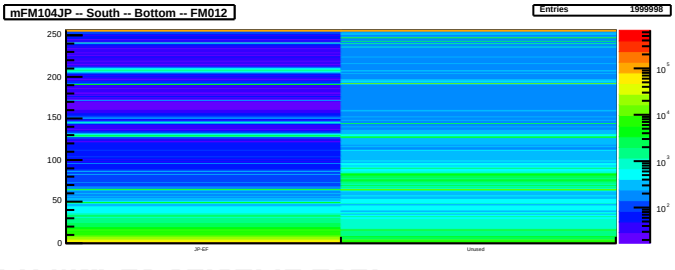

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 877982

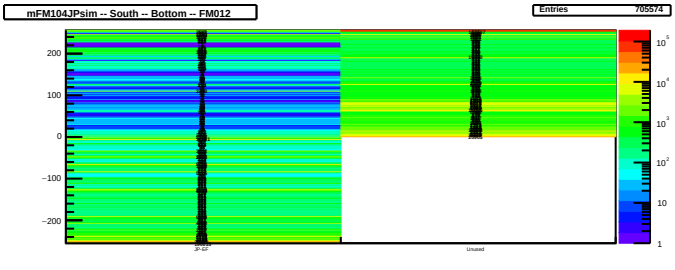

mFM104BS -- North -- Bottom -- FM012
Entries 3999996

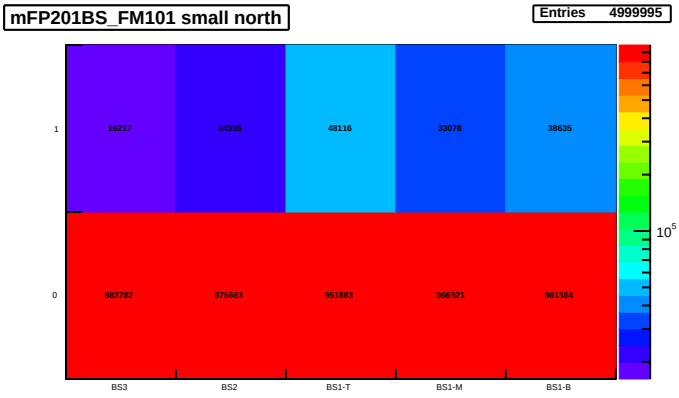

mFM104BSsim -- North -- Bottom -- FM012
Entries 1154756

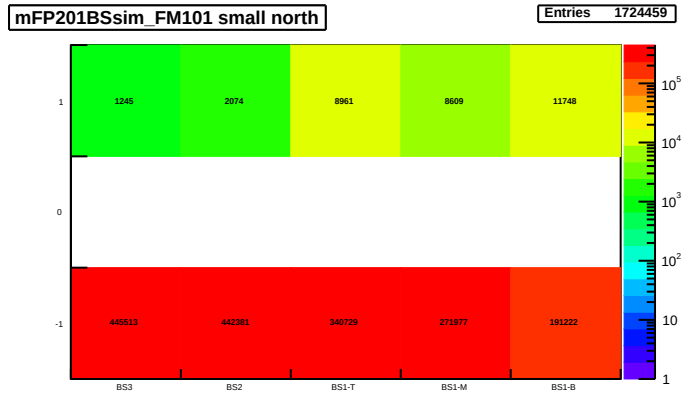

mFM104J -- South -- Bottom -- FM012
Entries 999999
Unused

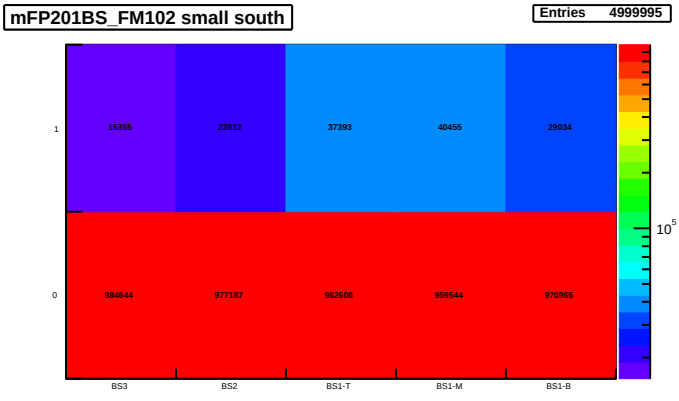

mFM104Jsim -- South -- Bottom -- FM012
Entries 362920
Unused

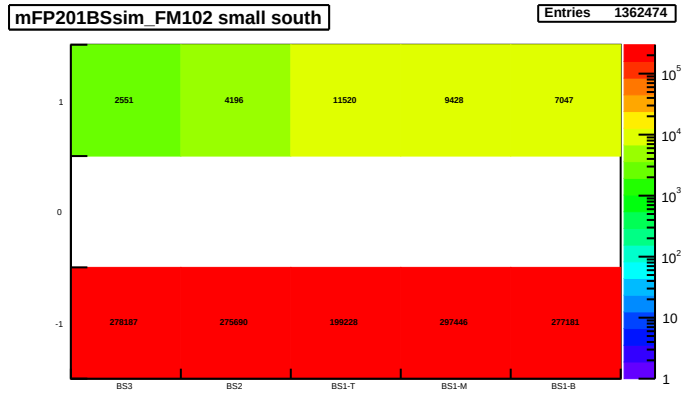

mFM104JP -- South -- Bottom -- FM012
Entries 1999998

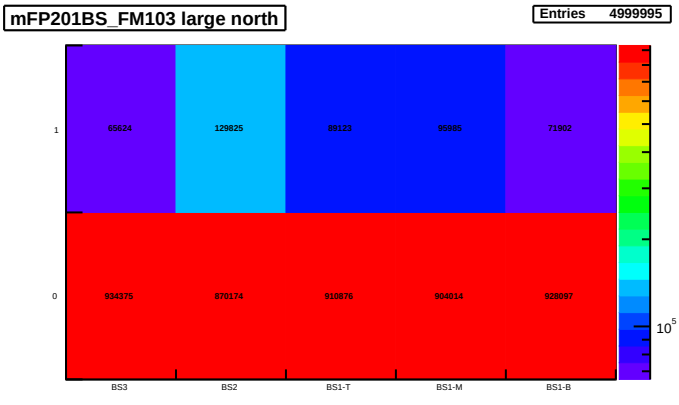

mFM104JPsim -- South -- Bottom -- FM012
Entries 705574

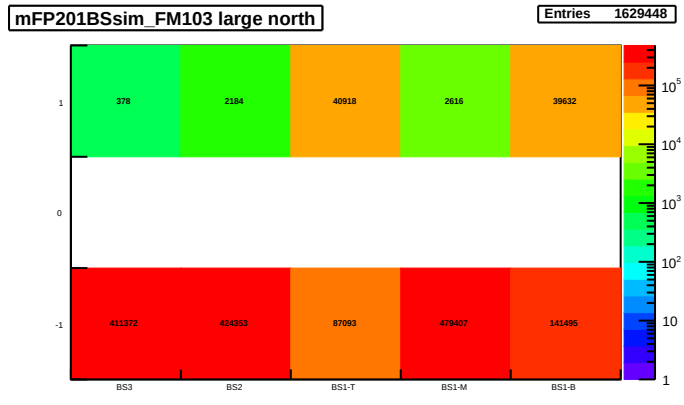

mFP201BS_FM101 small north
Entries 4999995
1
0
16217
24336
48116
33078
38635
983782
975663
951883
966921
961364
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^5$

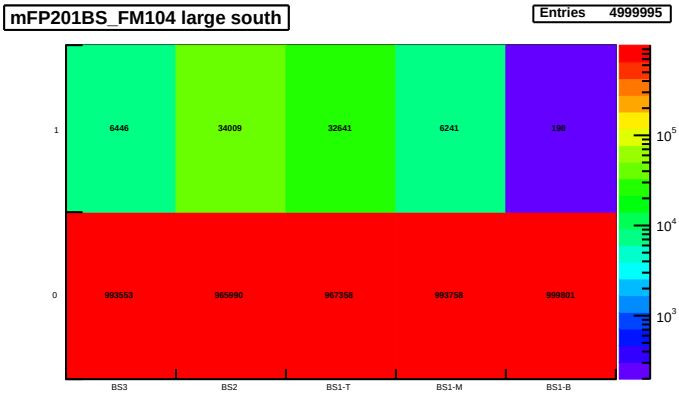

mFP201BSsim_FM101 small north
Entries 1724459
1
0
-1
1245
2074
8961
8609
11748
445513
442381
340729
271977
191222
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^5$
$10^4$
$10^3$
$10^2$
10
1

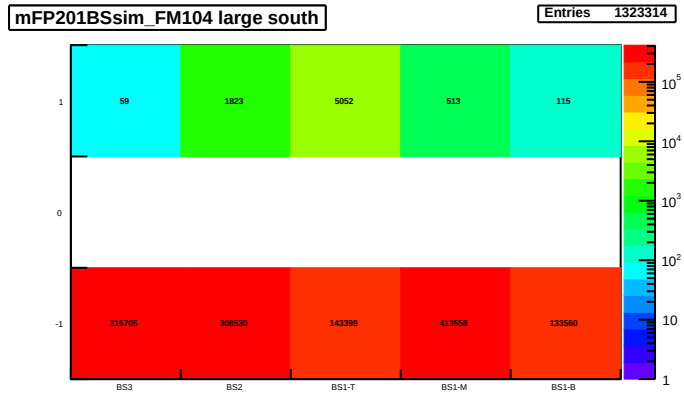

mFP201BS_FM102 small south
Entries 4999995
1
0
15355
22812
37393
40455
29034
984644
977187
962606
959544
970965
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^5$

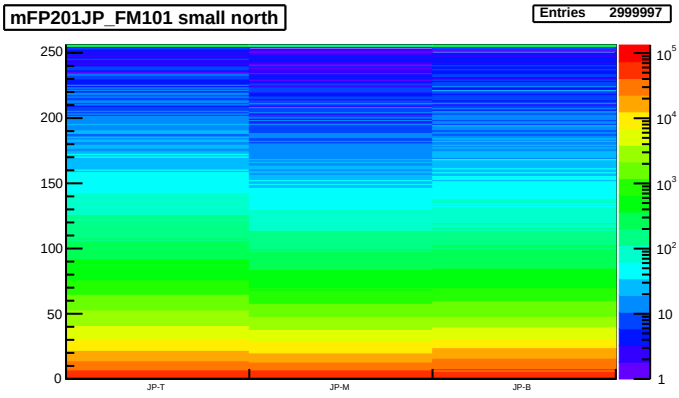

mFP201BSsim_FM102 small south
Entries 1362474
1
0
-1
2551
4196
11520
9428
7047
278187
275690
199228
297446
277181
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^5$
$10^4$
$10^3$
$10^2$
10
1

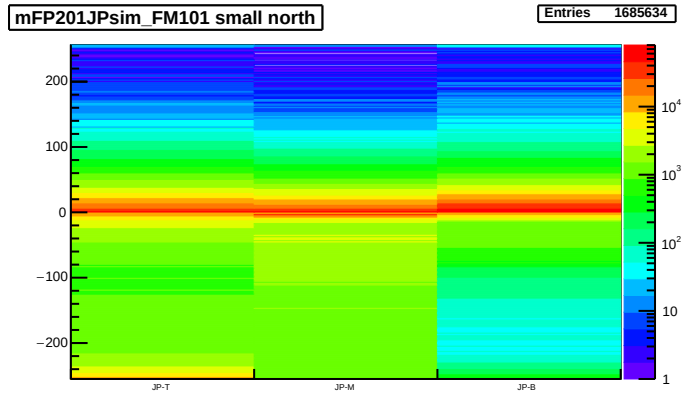

mFP201BS_FM103 large north
Entries 4999995
1
0
65624
129825
89123
95985
71902
934375
870174
910876
904014
928097
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^5$

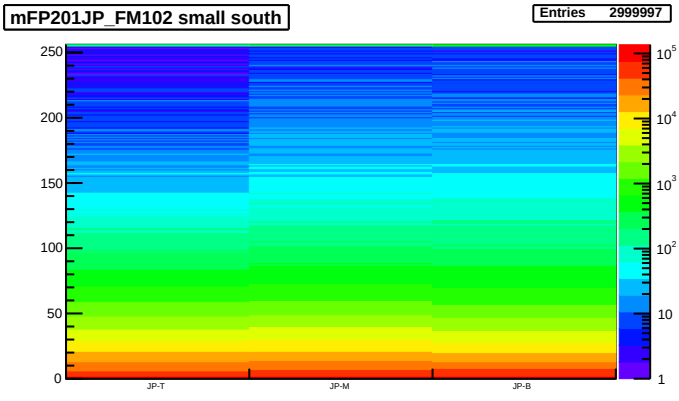

mFP201BSsim_FM103 large north
Entries 1629448
1
0
-1
378
2184
40918
2616
39632
411372
424353
87093
479407
141495
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^5$
$10^4$
$10^3$
$10^2$
10
1

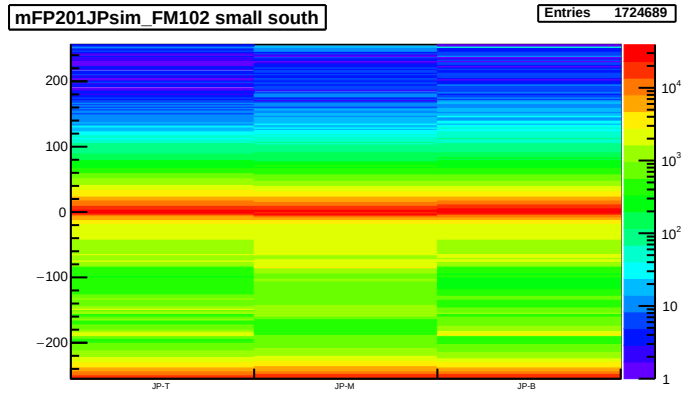

mFP201BS_FM104 large south
Entries 4999995
1
0
6446
34009
32641
6241
198
993553
965990
967358
993758
999801
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^5$
$10^4$
$10^3$

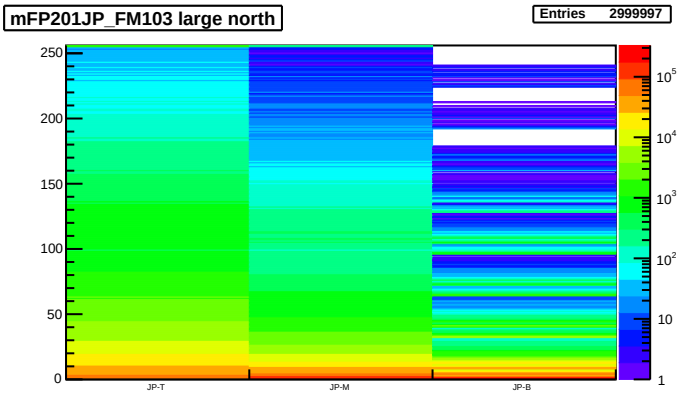

mFP201BSsim_FM104 large south
Entries 1323314
1
0
-1
59
1823
5052
513
115
316705
308530
143399
413558
133560
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^5$
$10^4$
$10^3$
$10^2$
10
1

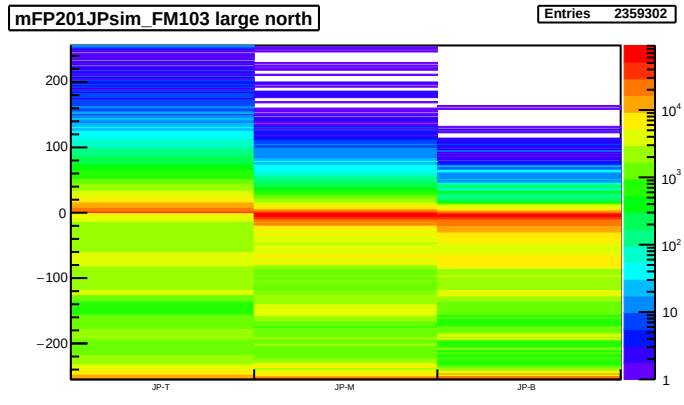

mFP201JP_FM101 small north
Entries 2999997
JP-T
JP-M
JP-B

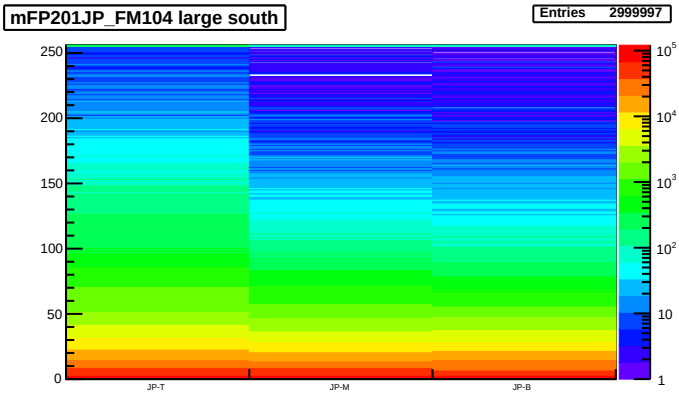

mFP201JPsim_FM101 small north
Entries 1685634
JP-T
JP-M
JP-B

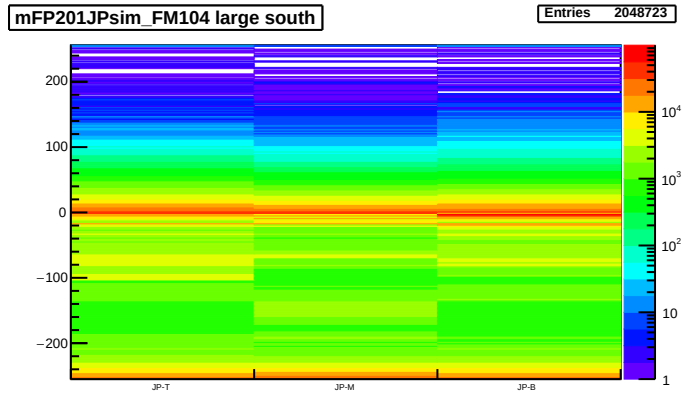

mFP201JP_FM102 small south
Entries 2999997
JP-T
JP-M
JP-B

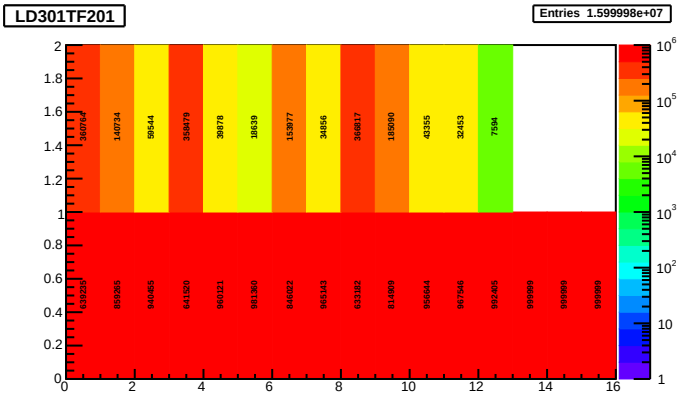

mFP201JPsim_FM102 small south
Entries 1724689
JP-T
JP-M
JP-B

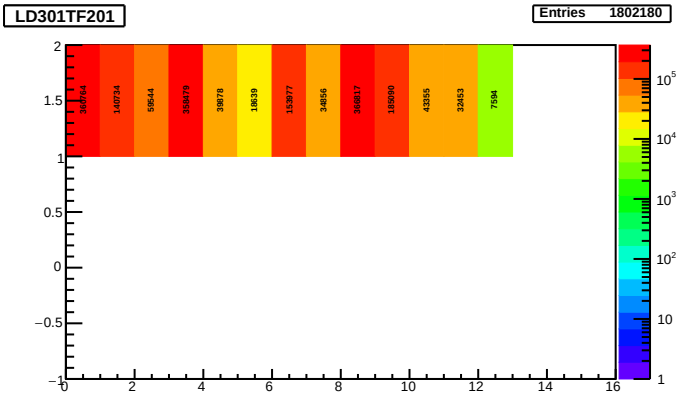

mFP201JP_FM103 large north
Entries 2999997
JP-T
JP-M
JP-B

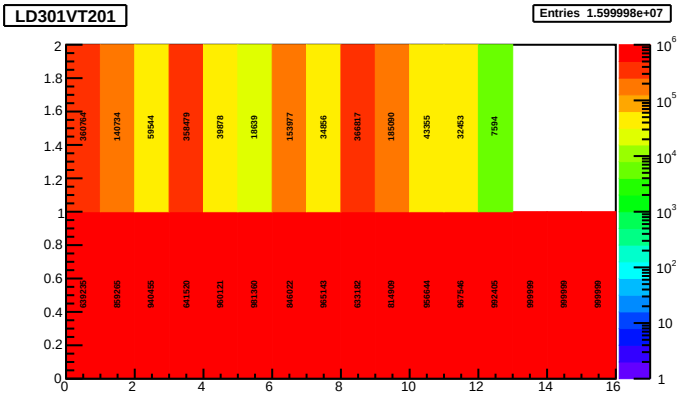

mFP201JPsim_FM103 large north
Entries 2359302
JP-T
JP-M
JP-B

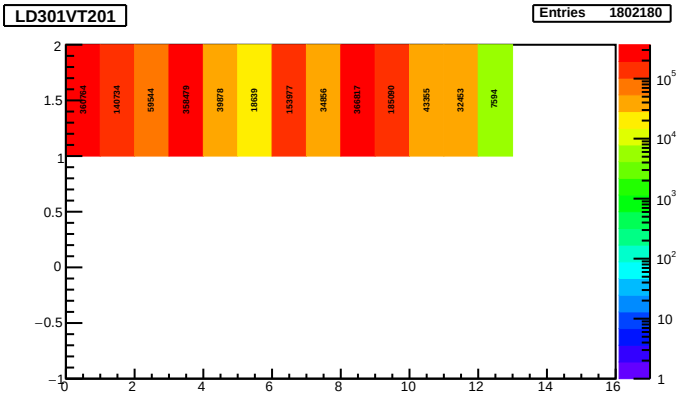

mFP201JP_FM104 large south
Entries 2999997
JP-T
JP-M
JP-B

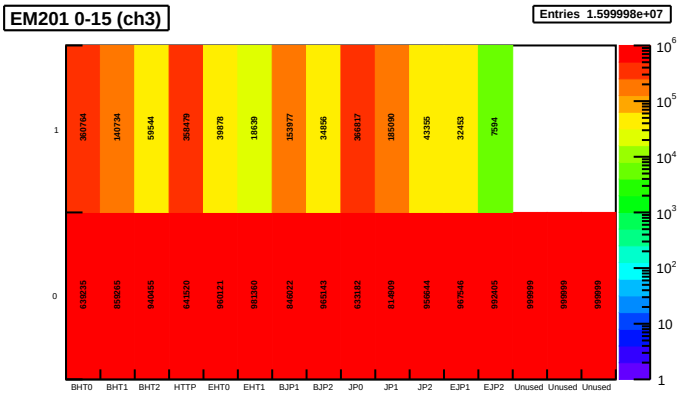

mFP201JPsim_FM104 large south
Entries 2048723
JP-T
JP-M
JP-B

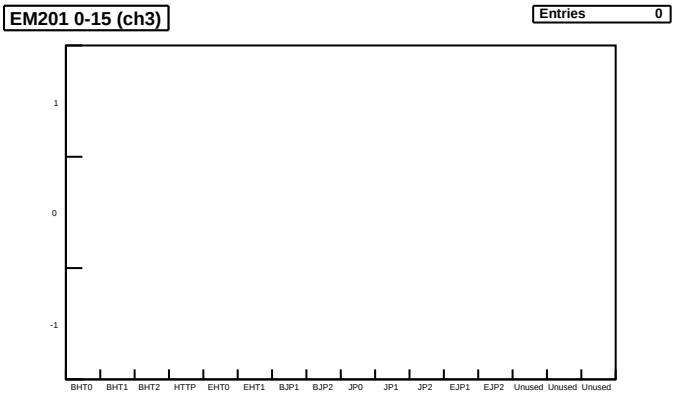

LD301TF201
Entries 1.599998e+07

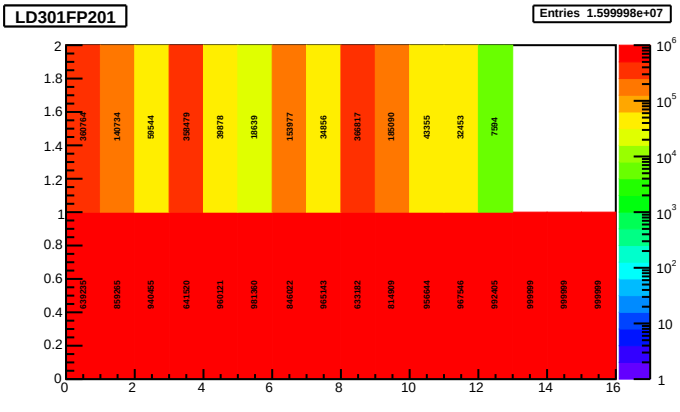

LD301TF201
Entries 1802180

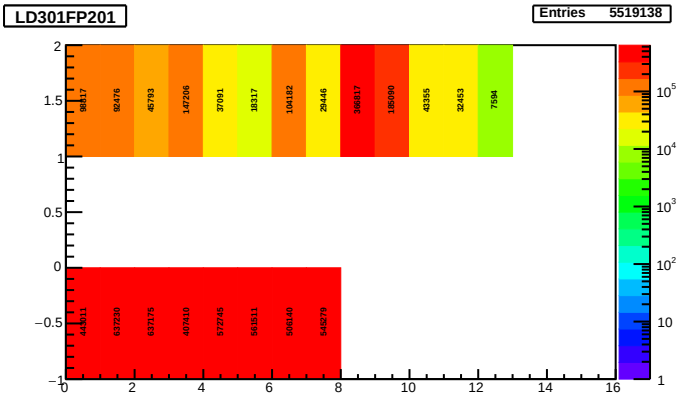

LD301VT201
Entries 1.599998e+07


LD301VT201
Entries 1802180


EM201 0-15 (ch3)
Entries 1.599998e+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 1.599998e+07


LD301FP201
Entries 5519138