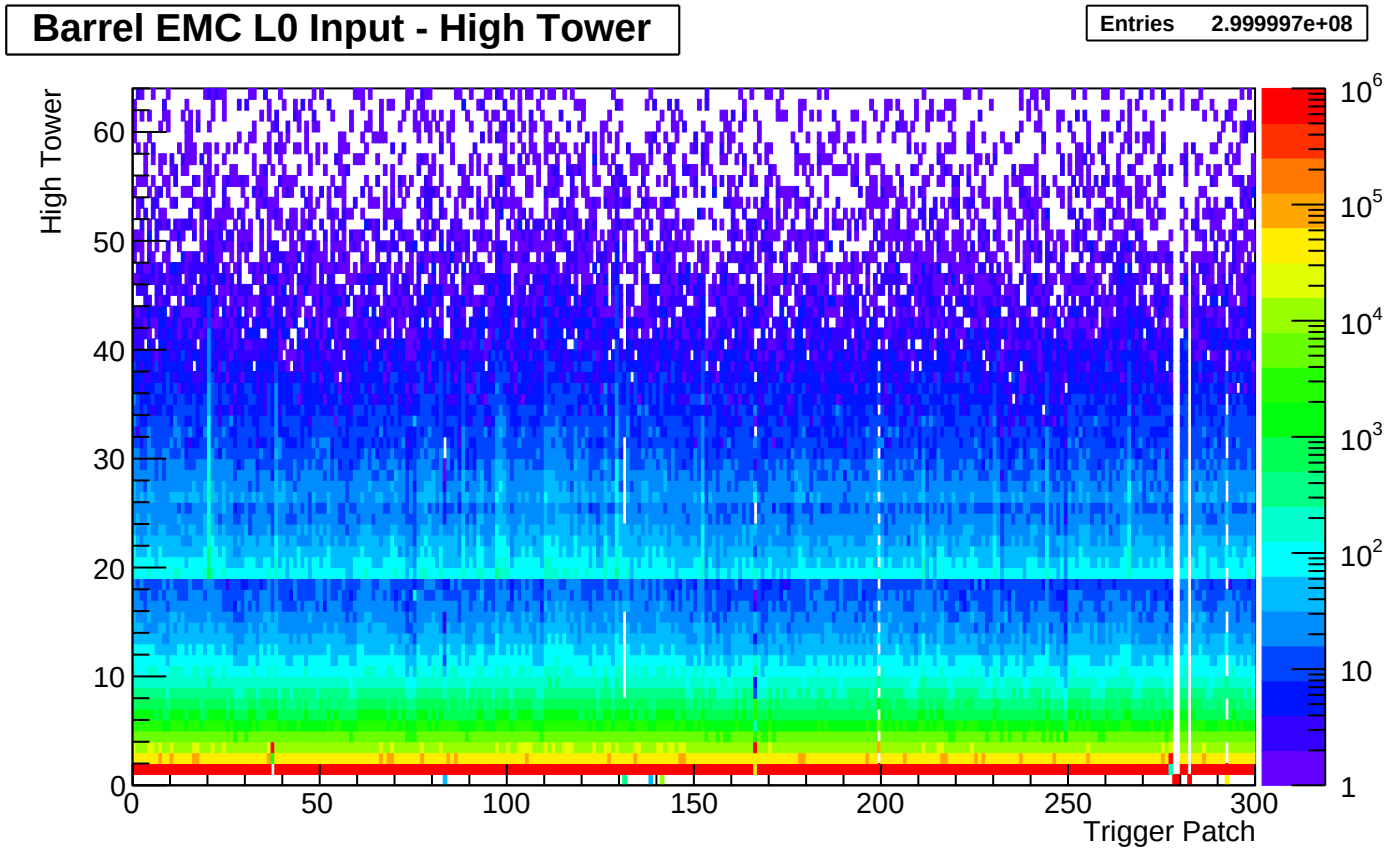
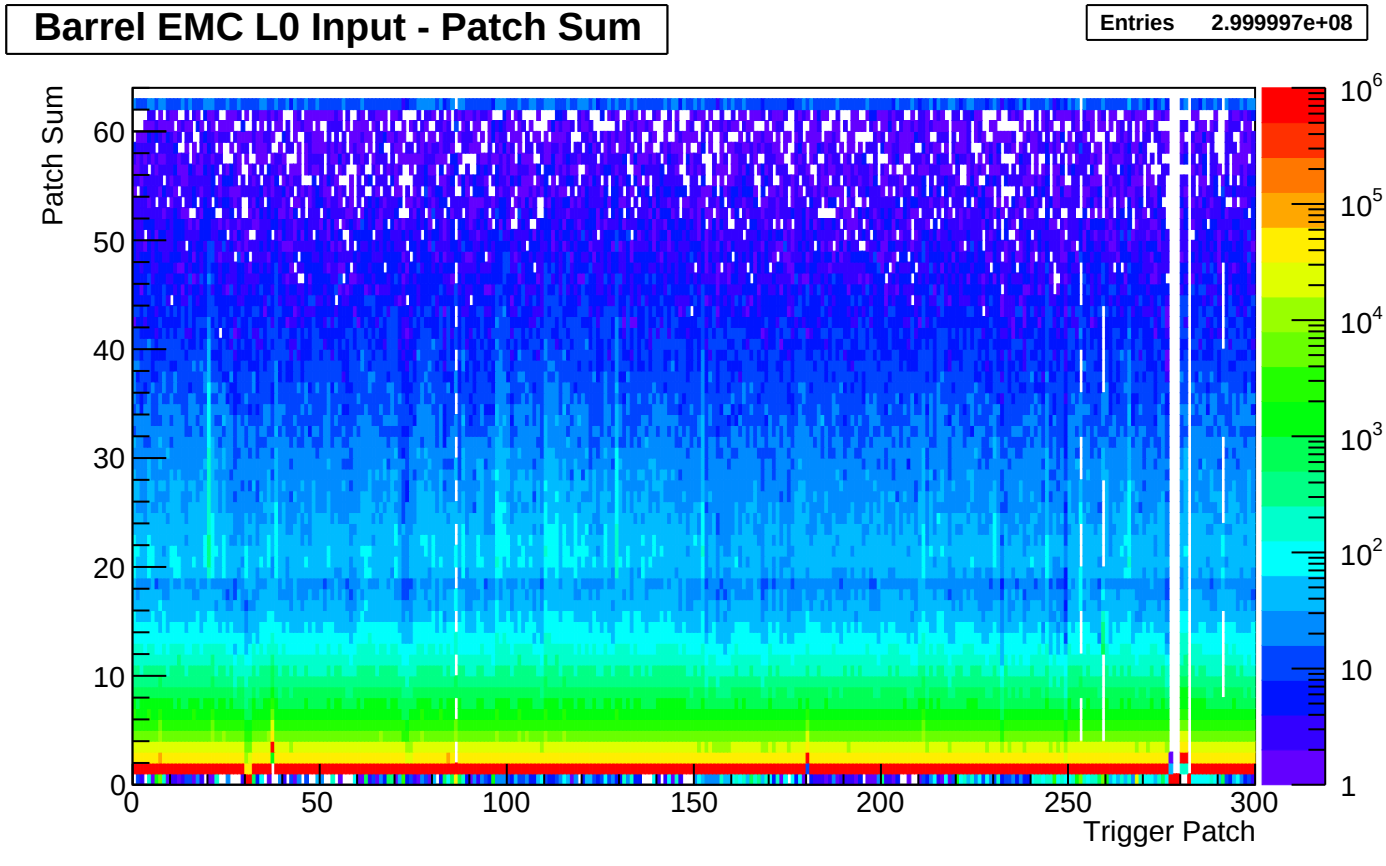
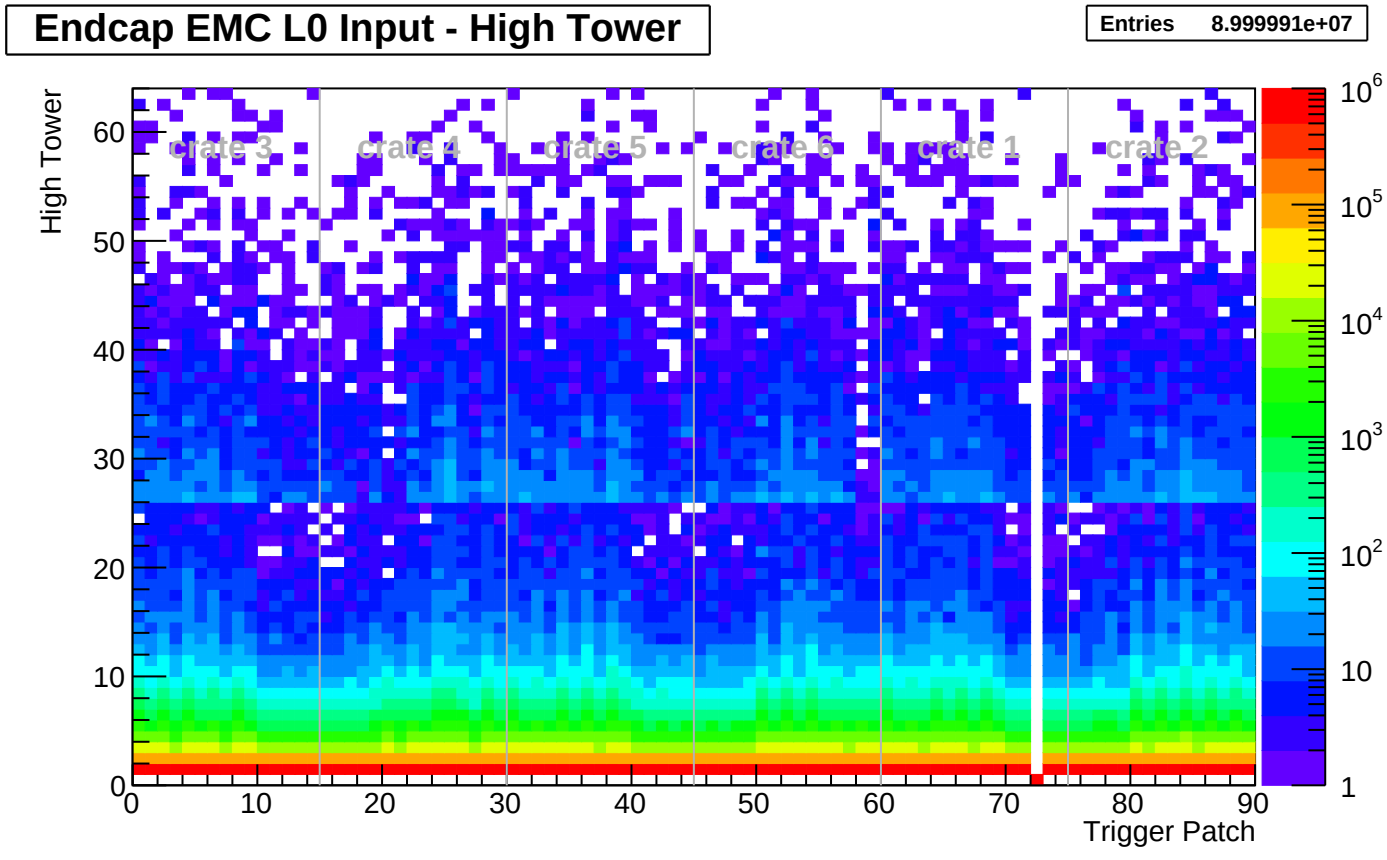
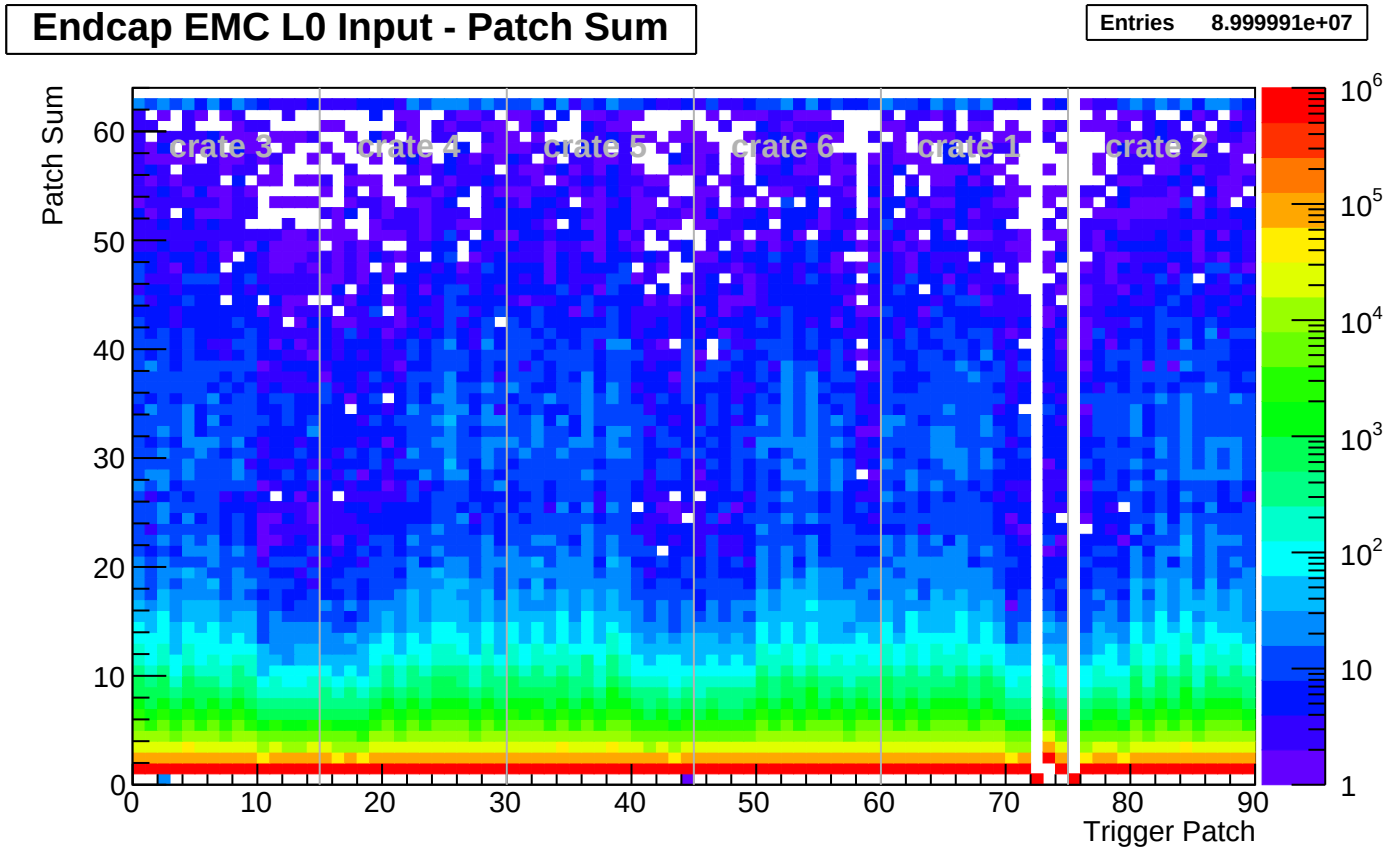
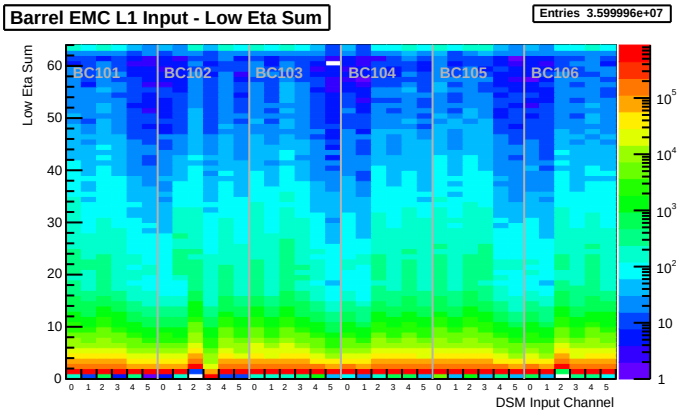
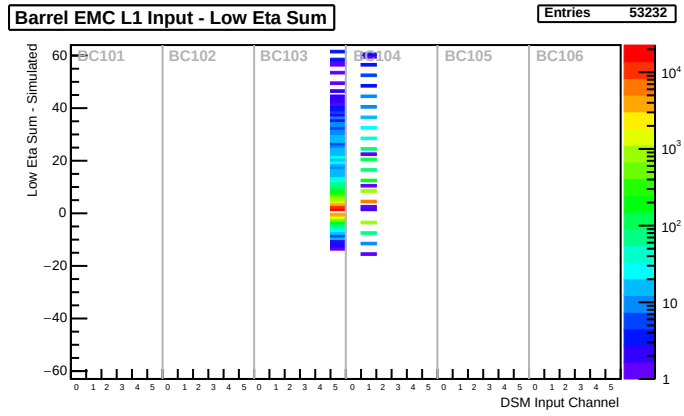

Barrel EMC L0 Input - High Tower
Entries 2.999997e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

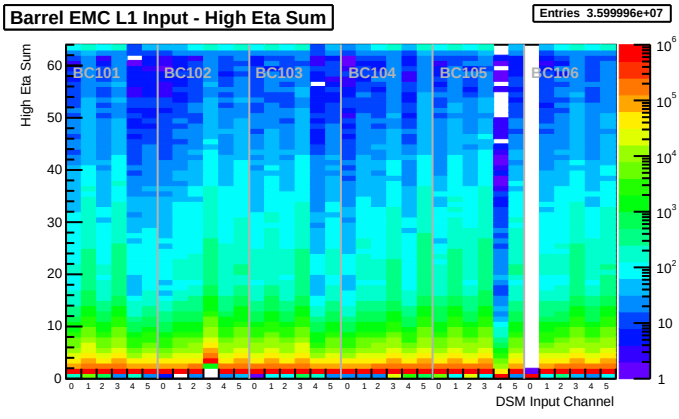

Barrel EMC L0 Input - Patch Sum
Entries 2.999997e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

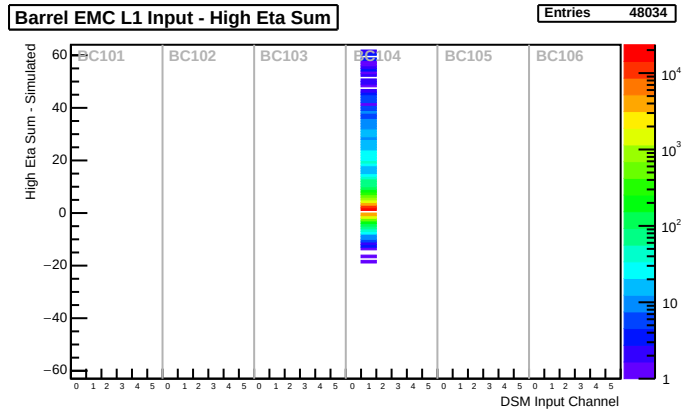

Endcap EMC L0 Input - High Tower
Entries 8.999991e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

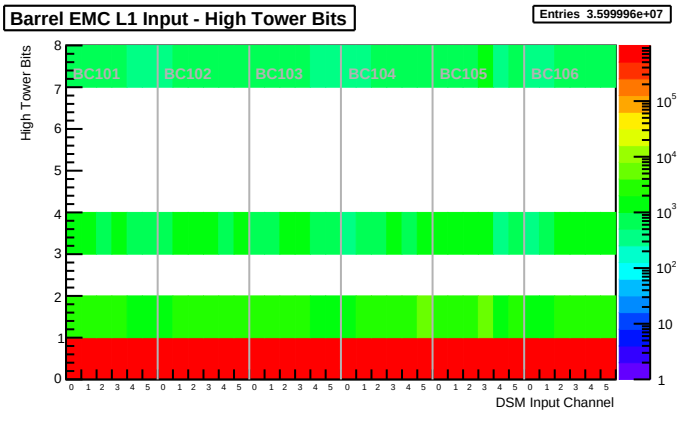

Endcap EMC L0 Input - Patch Sum
Entries 8.999991e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

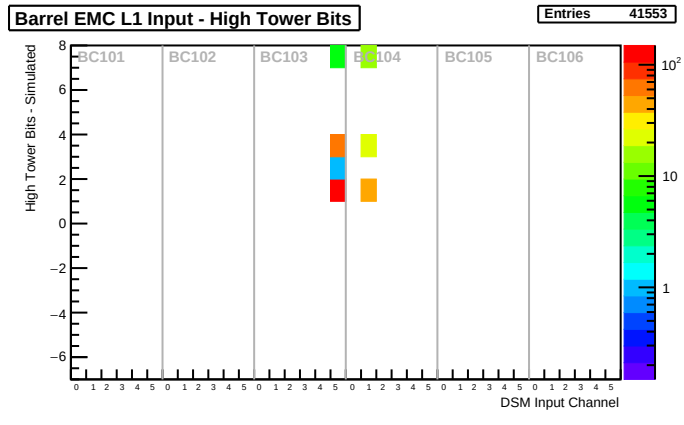

Barrel EMC L1 Input - Low Eta Sum
Entries 3.599996e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

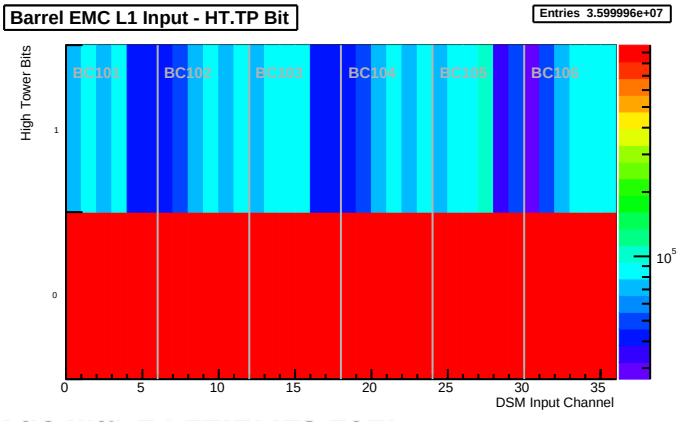

Barrel EMC L1 Input - Low Eta Sum
Entries 53232
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

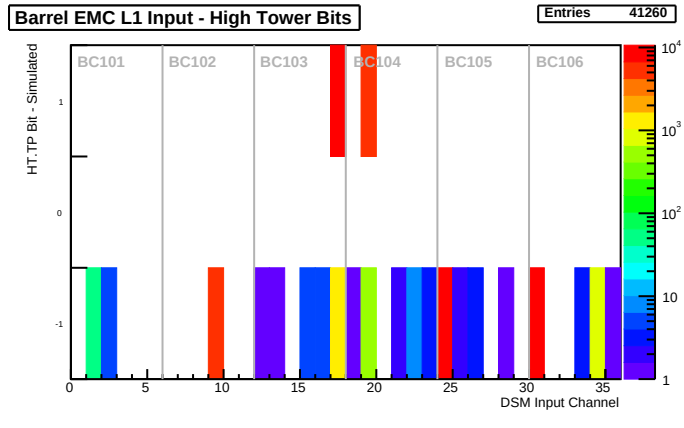

Barrel EMC L1 Input - High Eta Sum
Entries 3.599996e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

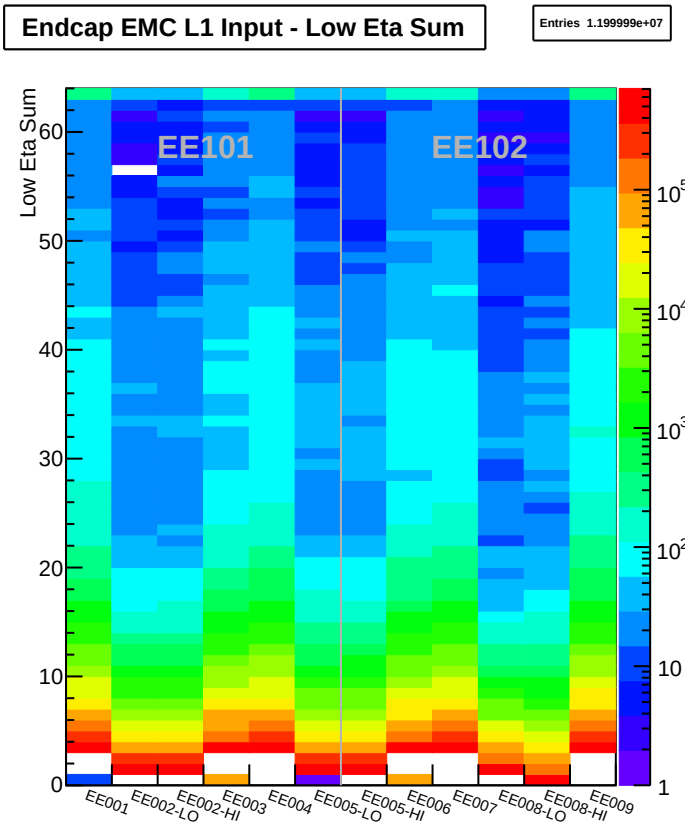

Barrel EMC L1 Input - High Eta Sum
Entries 48034
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

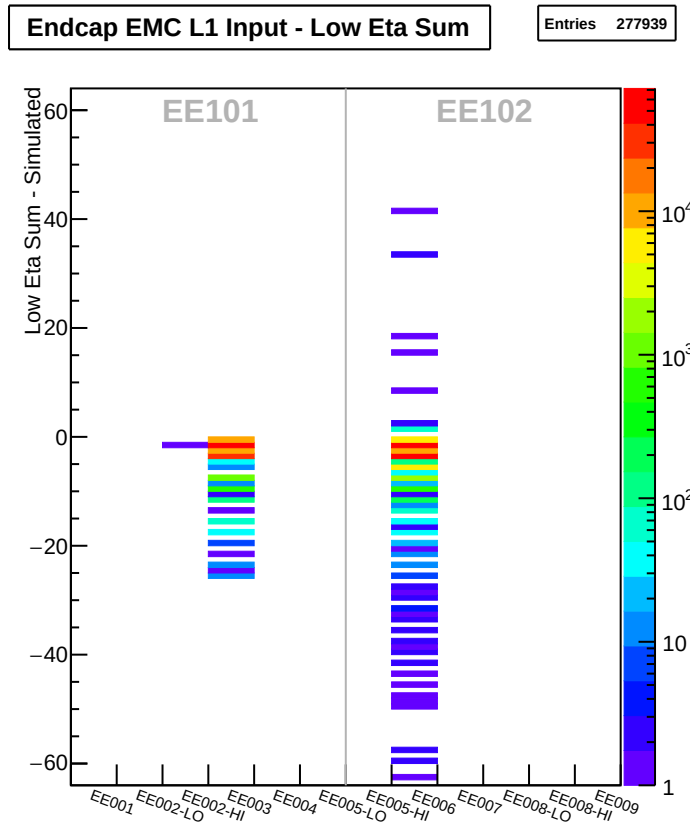

Barrel EMC L1 Input - High Tower Bits
Entries 3.599996e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

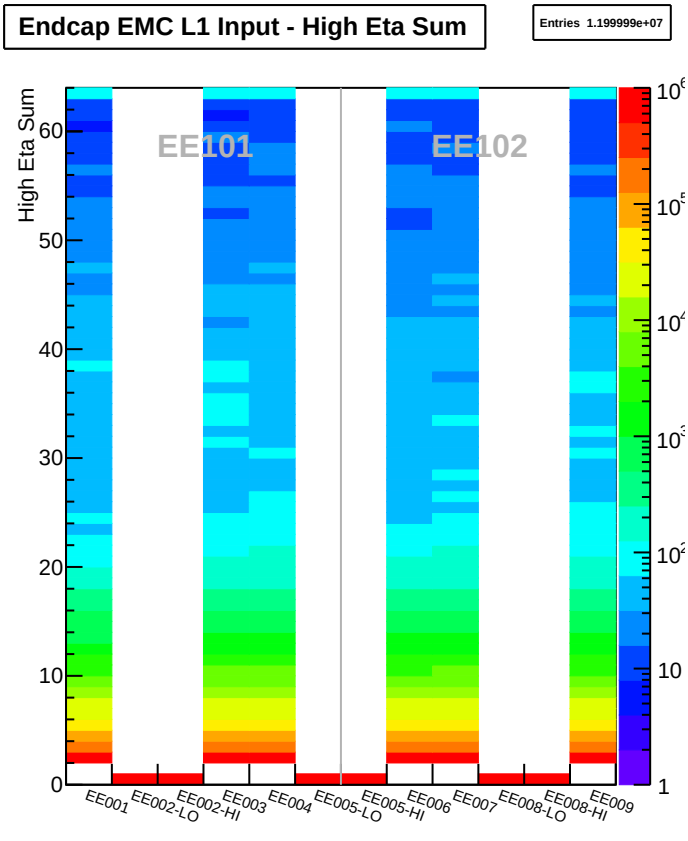

Barrel EMC L1 Input - High Tower Bits
Entries 41553
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

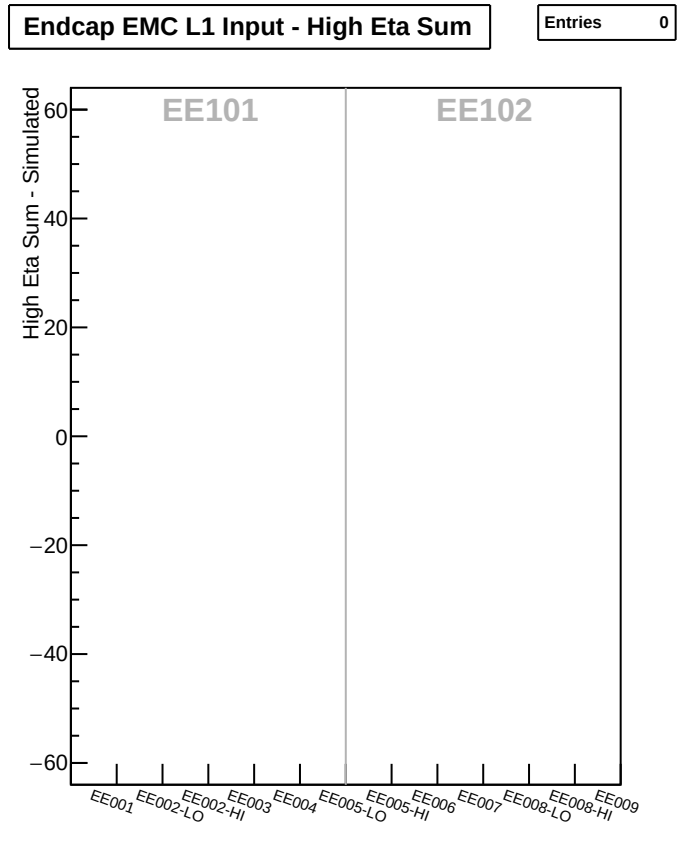

Barrel EMC L1 Input - HT.TP Bit
Entries 3.599996e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

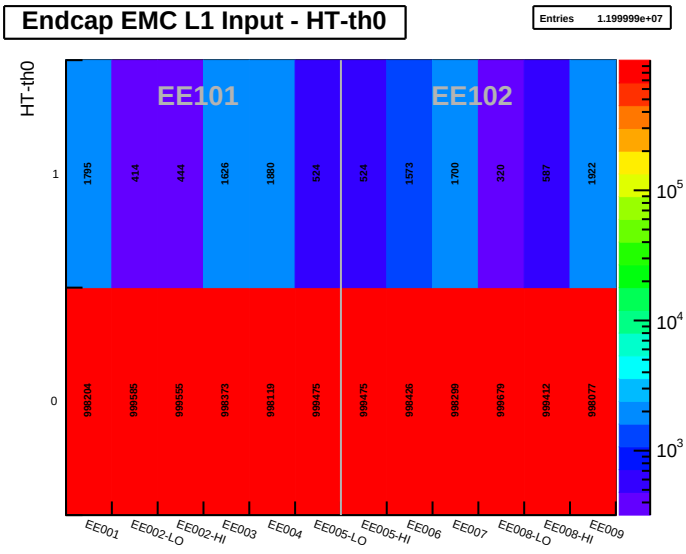

Barrel EMC L1 Input - High Tower Bits
Entries 41260
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

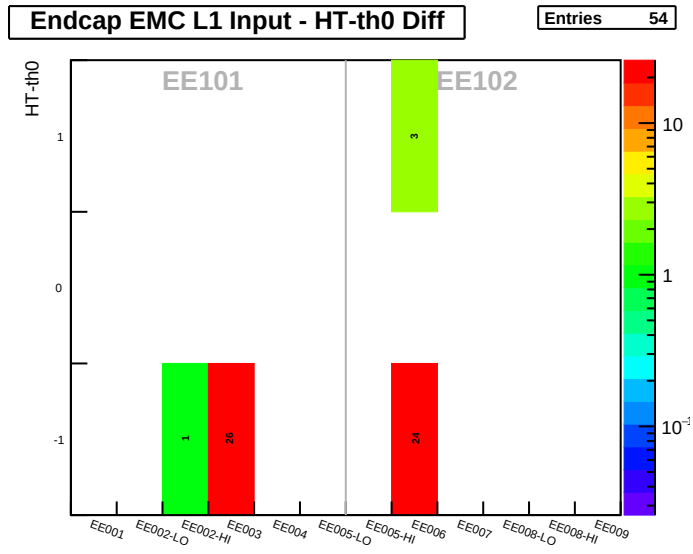

Endcap EMC L1 Input - Low Eta Sum
Entries 1.199999e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

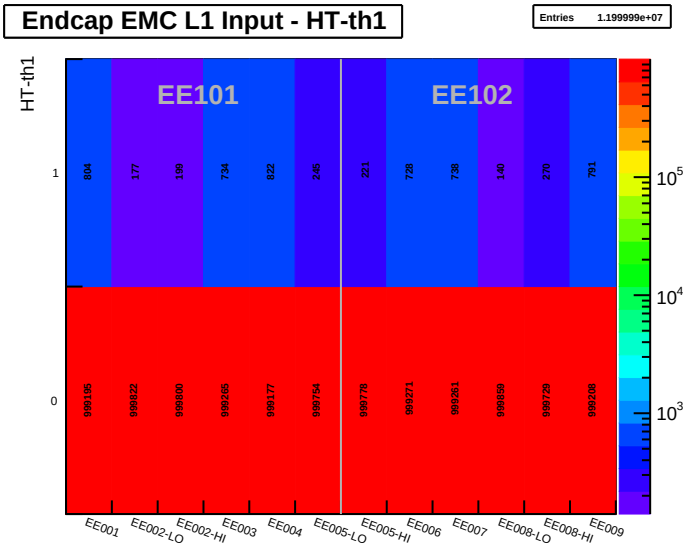

Endcap EMC L1 Input - Low Eta Sum
Entries 277939
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

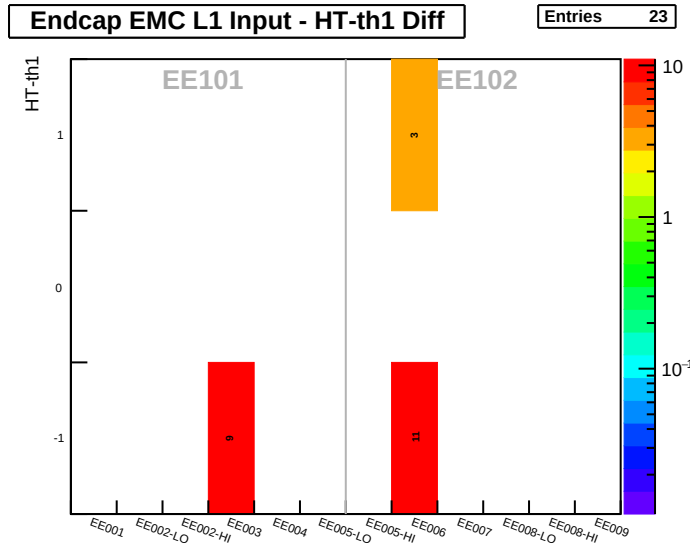

Endcap EMC L1 Input - High Eta Sum
Entries 1.199999e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

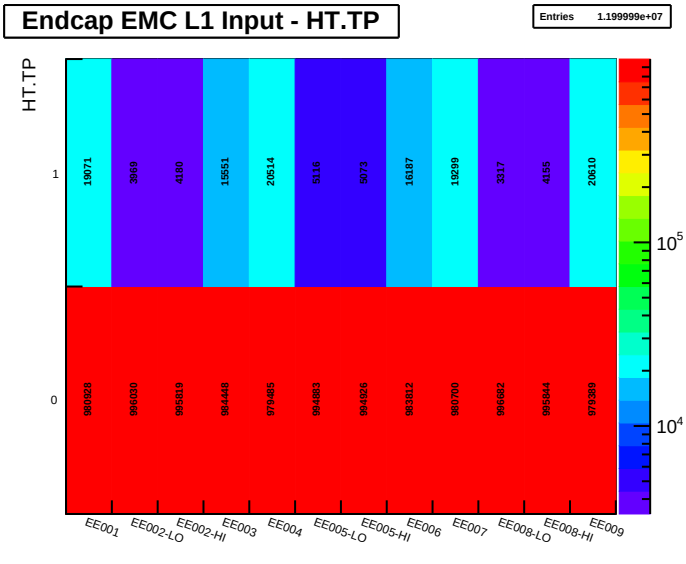

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

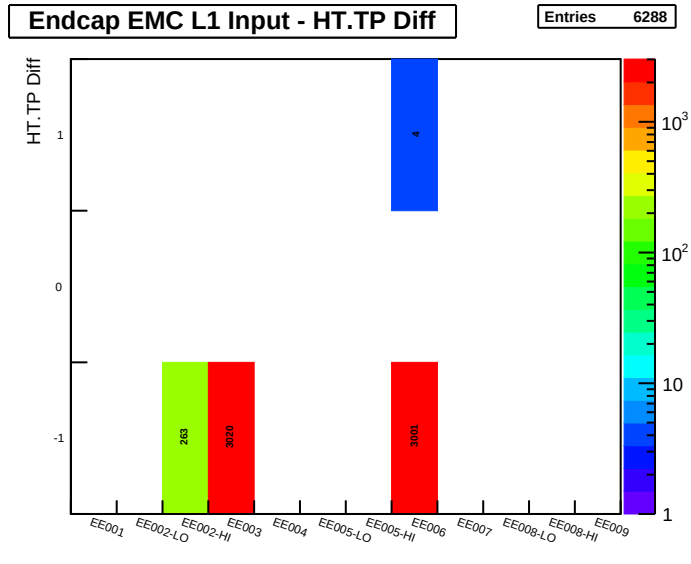

Endcap EMC L1 Input - HT-th0
Entries 1.199999e+07
HT-th0
EE101
EE102
1795 414 444 1626 1880 524 524 1573 1700 320 587 1922
999204 999585 999555 999373 998119 999475 999475 998426 998299 998679 999412 998077
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

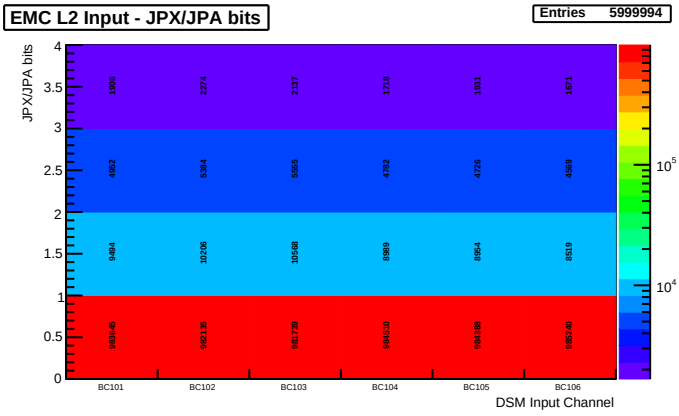

Endcap EMC L1 Input - HT-th0 Diff
Entries 54
HT-th0
EE101
EE102
3
1 26 24
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

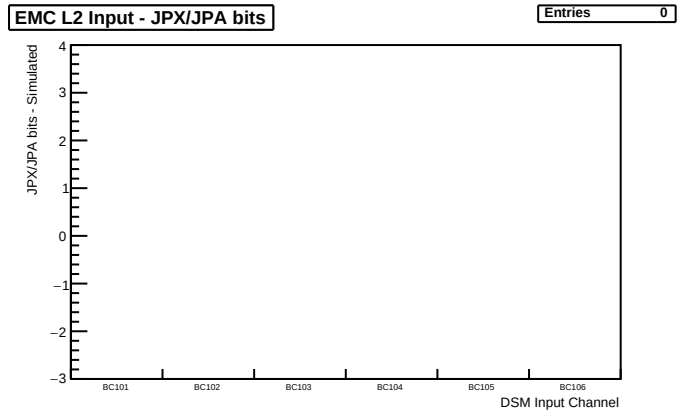

Endcap EMC L1 Input - HT-th1
Entries 1.199999e+07
HT-th1
EE101
EE102
804 177 199 734 822 245 221 728 738 140 270 791
999195 999822 999800 999265 999177 999754 999778 999271 999261 999859 999729 999208
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

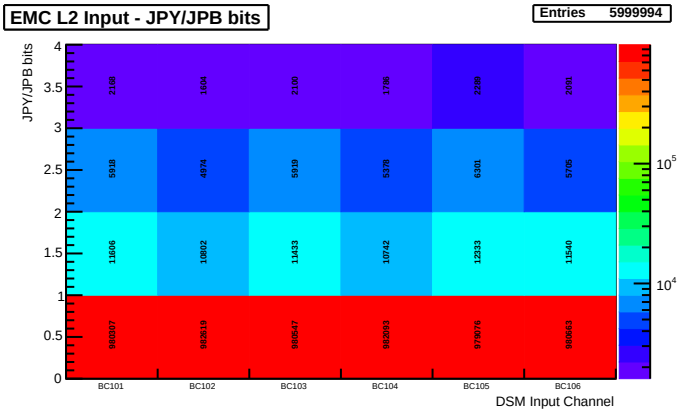

Endcap EMC L1 Input - HT-th1 Diff
Entries 23
HT-th1
EE101
EE102
3
9 11
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

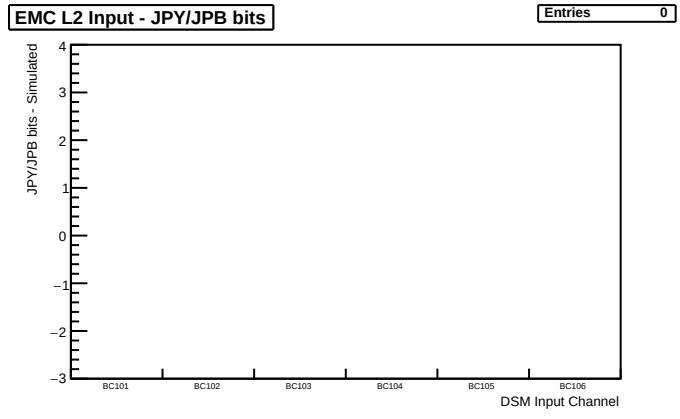

Endcap EMC L1 Input - HT.TP
Entries 1.199999e+07
HT.TP
19071 3969 4180 15551 20514 5116 5073 16187 19299 3317 4155 20610
980928 996030 995819 984448 979485 994883 994926 983812 980700 996682 995844 979389
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

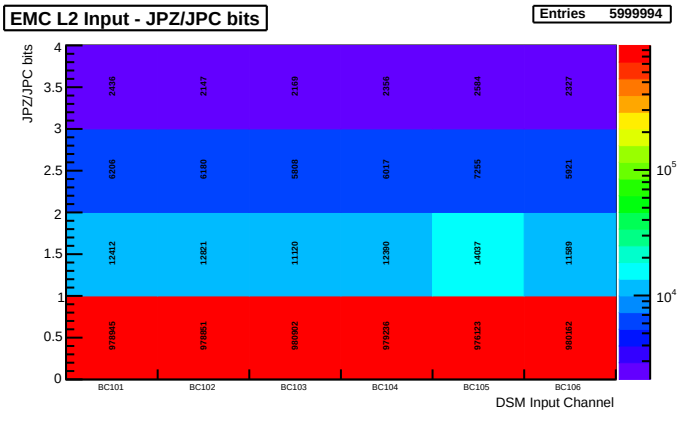

Endcap EMC L1 Input - HT.TP Diff
Entries 6288
HT.TP Diff
4
263 3020 3001
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

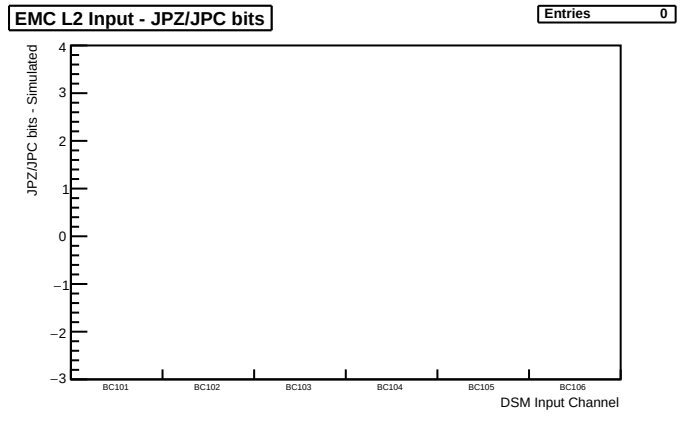

EMC L2 Input - JPX/JPA bits
Entries 5999994
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

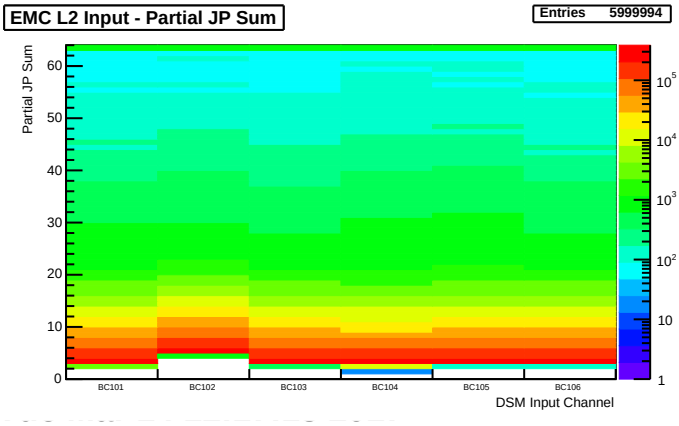

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

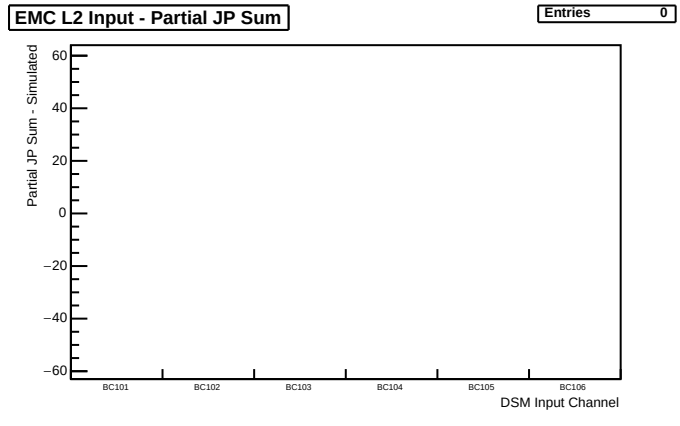

EMC L2 Input - JPY/JPB bits
Entries 5999994
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

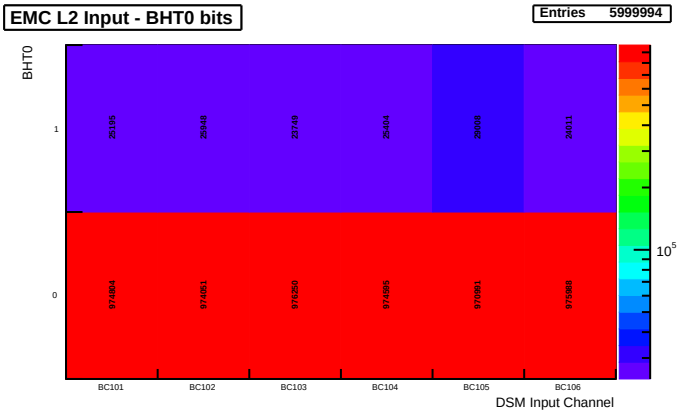

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

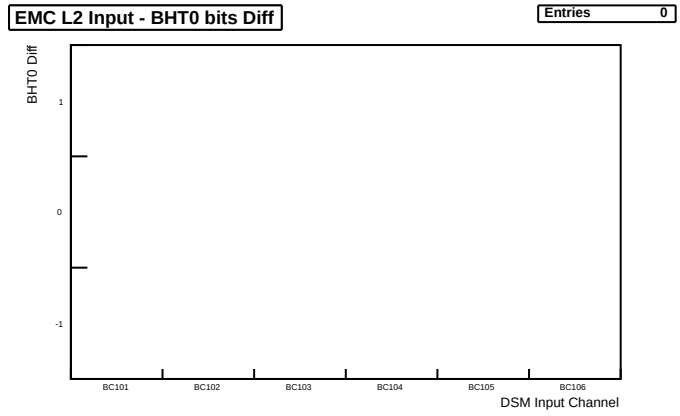

EMC L2 Input - JPZ/JPC bits
Entries 5999994
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

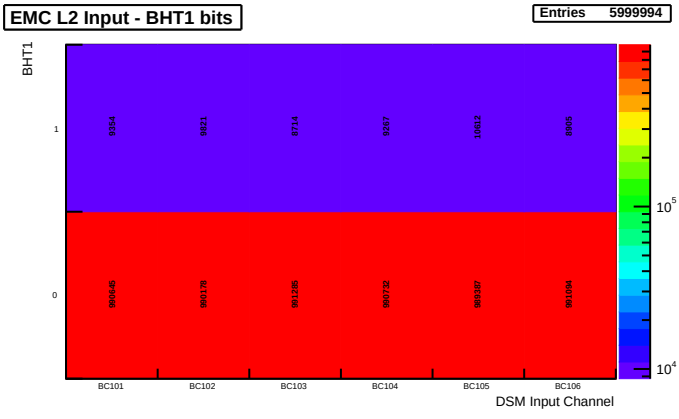

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

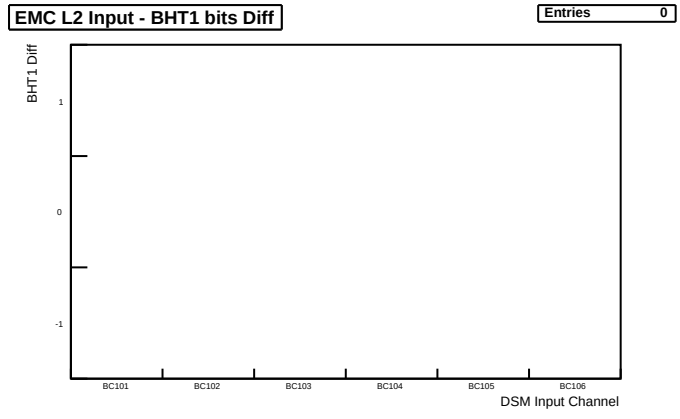

EMC L2 Input - Partial JP Sum
Entries 5999994
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

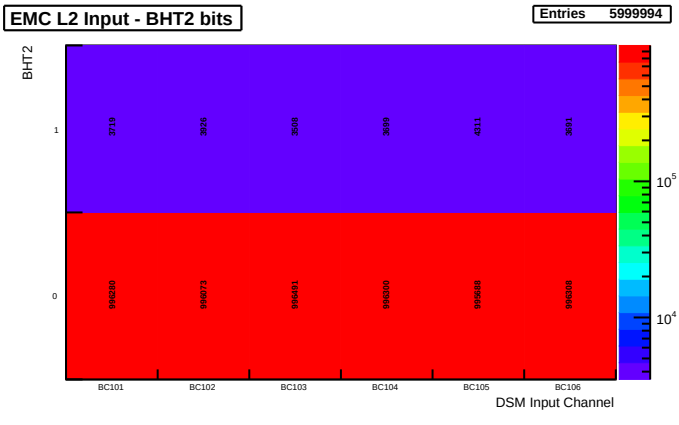

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

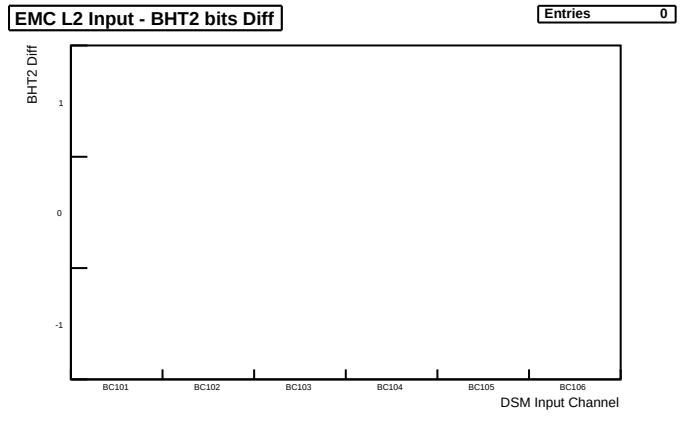

EMC L2 Input - BHT0 bits
Entries 5999994
BHT0
1
0
25195
25948
22749
25404
28608
24011
974804
974051
976250
974595
970991
975988
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5

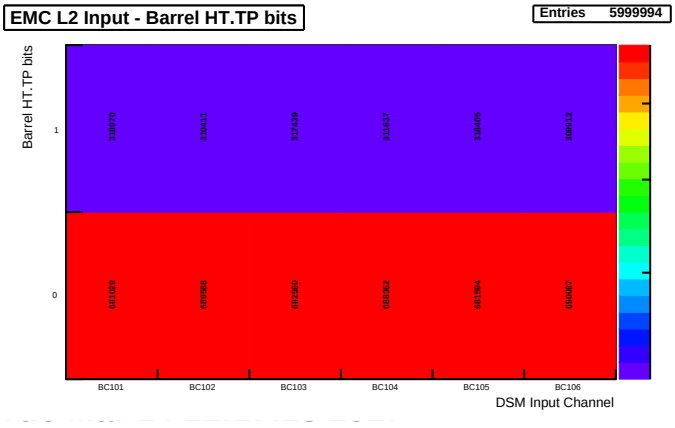

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

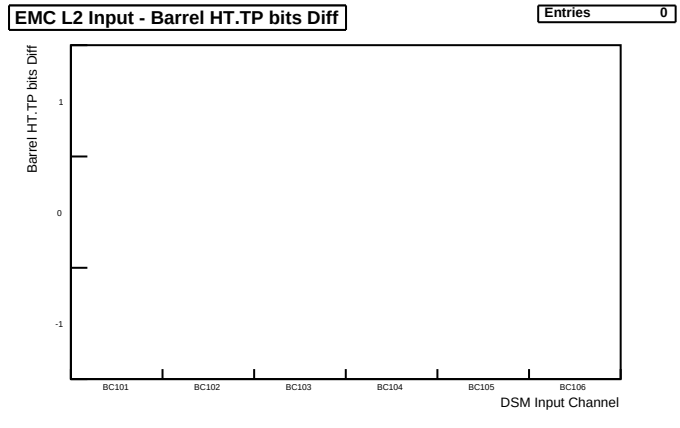

EMC L2 Input - BHT1 bits
Entries 5999994
BHT1
1
0
9354
9321
8714
9267
10612
8906
990645
990178
991285
990732
989337
991094
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4

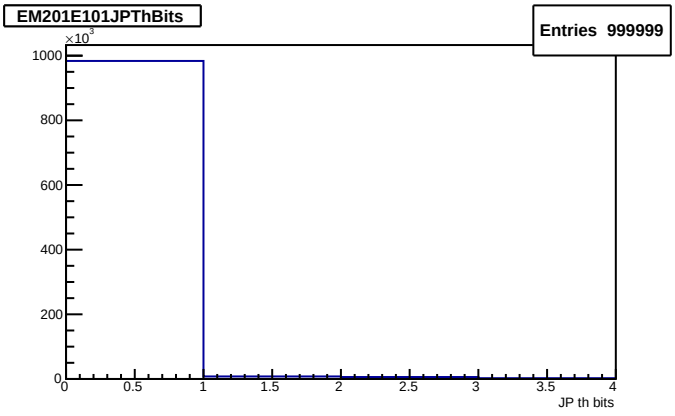

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

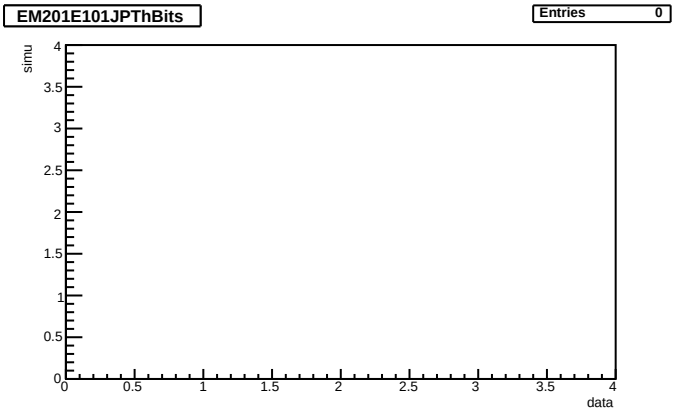

EMC L2 Input - BHT2 bits
Entries 5999994
BHT2
1
0
3719
3926
3598
3699
4511
3691
996280
996073
996491
996300
995688
996308
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^5
10^4

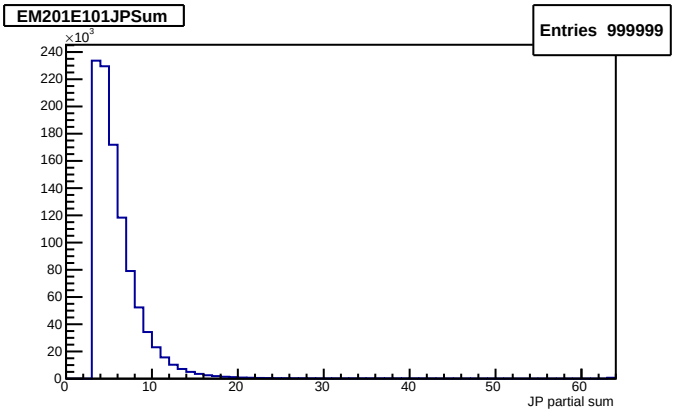

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

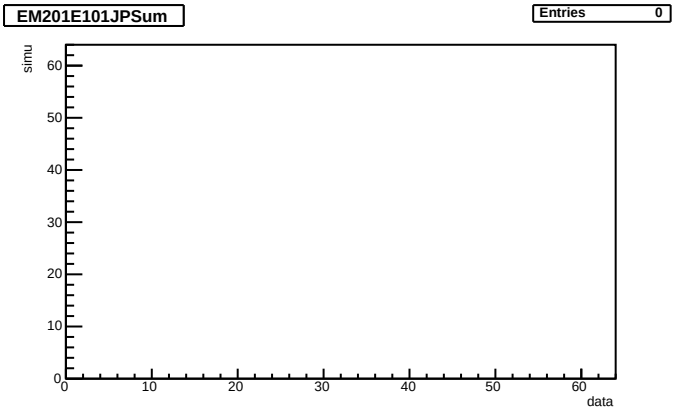

EMC L2 Input - Barrel HT.TP bits
Entries 5999994
Barrel HT.TP bits
1
0
318970
310411
317439
311637
319405
309912
681029
689588
682560
688362
681594
690087
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

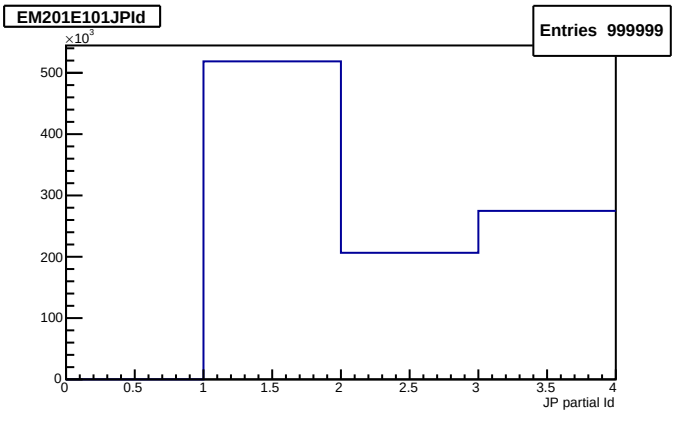

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

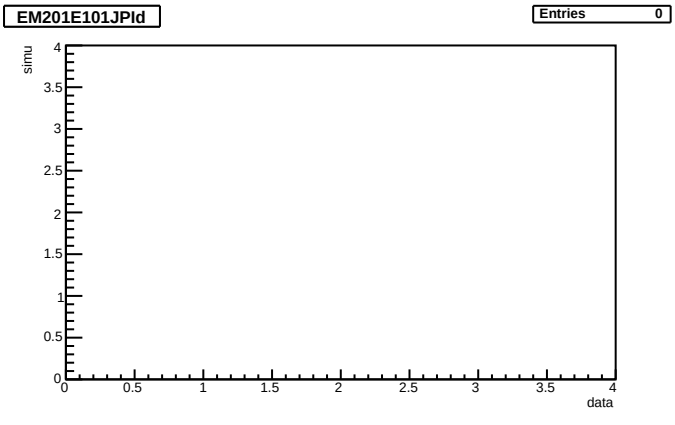

EM201E101JPThBits
Entries 999999
×10^3
JP th bits

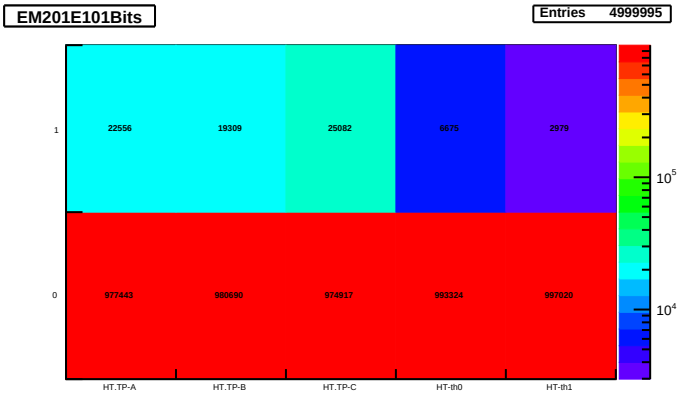

EM201E101JPThBits
Entries 0
simu
data

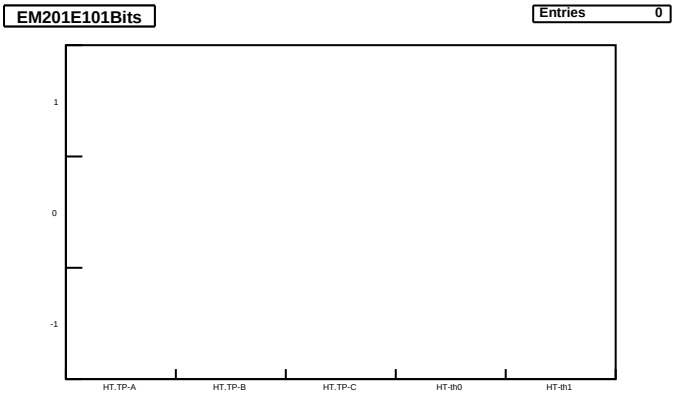

EM201E101JPSum
Entries 999999
×10^3
JP partial sum

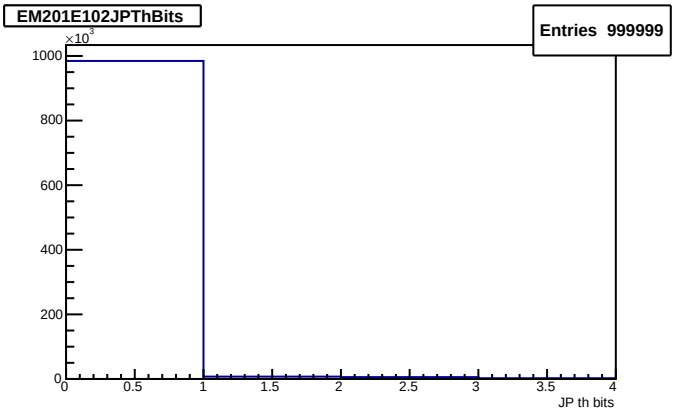

EM201E101JPSum
Entries 0
simu
data

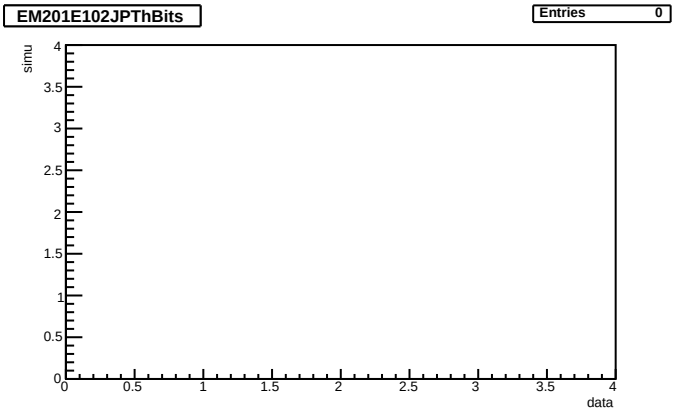

EM201E101JPId
Entries 999999
×10^3
JP partial Id

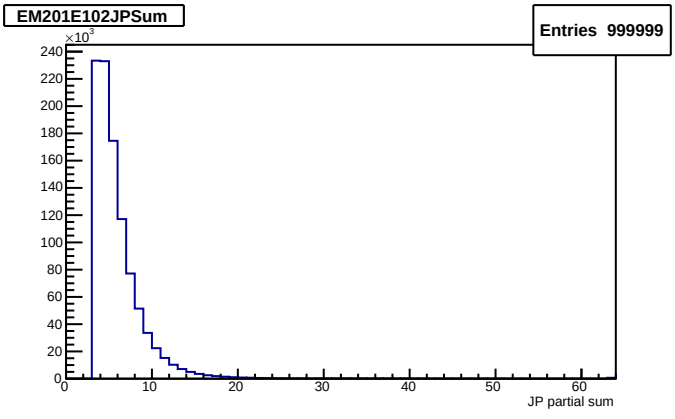

EM201E101JPId
Entries 0
simu
data

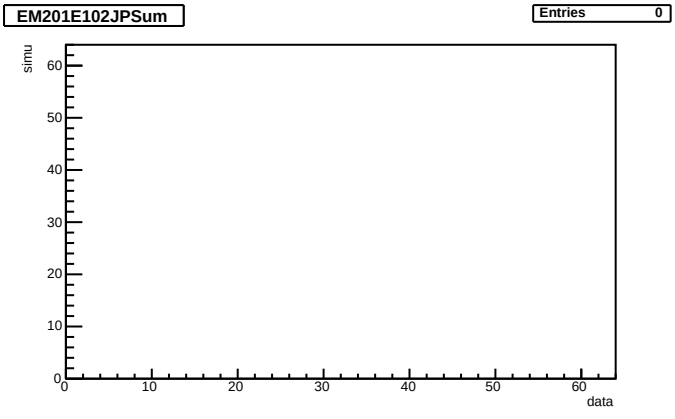

EM201E101Bits
Entries 4999995
22556
19309
25082
6675
2979
977443
980690
974917
993324
997020
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

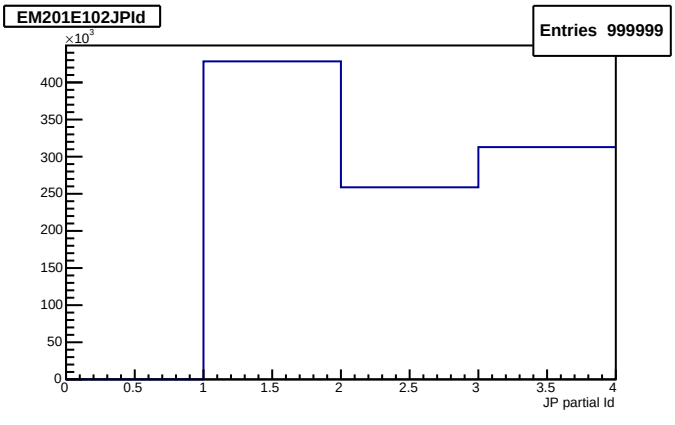

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

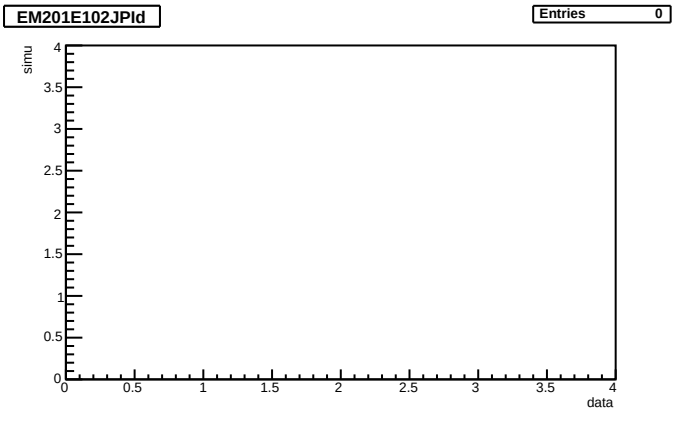

EM201E102JPThBits
Entries 999999
JP th bits

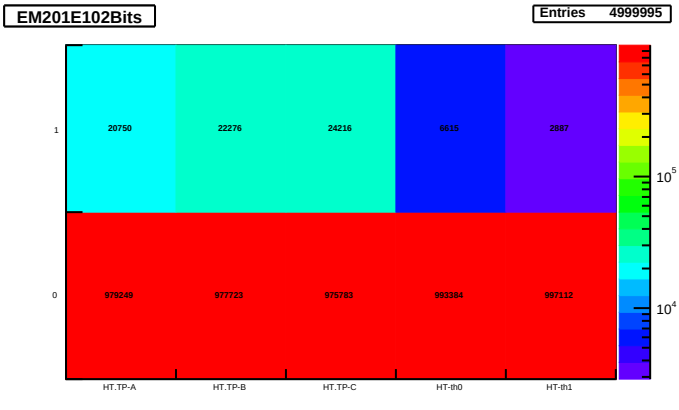

EM201E102JPThBits
Entries 0
simu
data

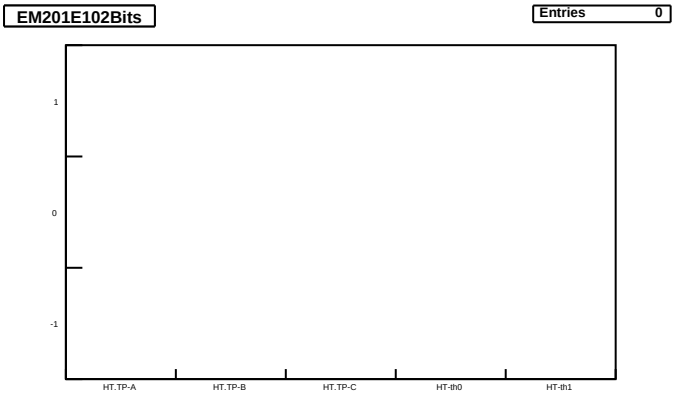

EM201E102JPSum
Entries 999999
JP partial sum

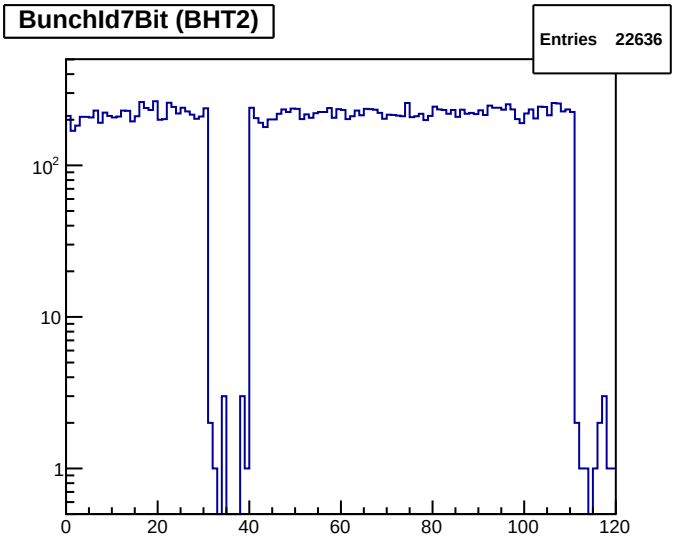

EM201E102JPSum
Entries 0
simu
data

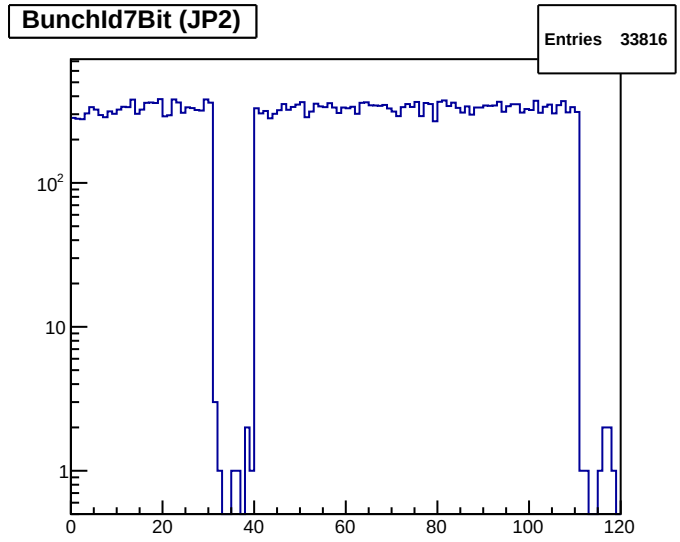

EM201E102JPId
Entries 999999
JP partial Id

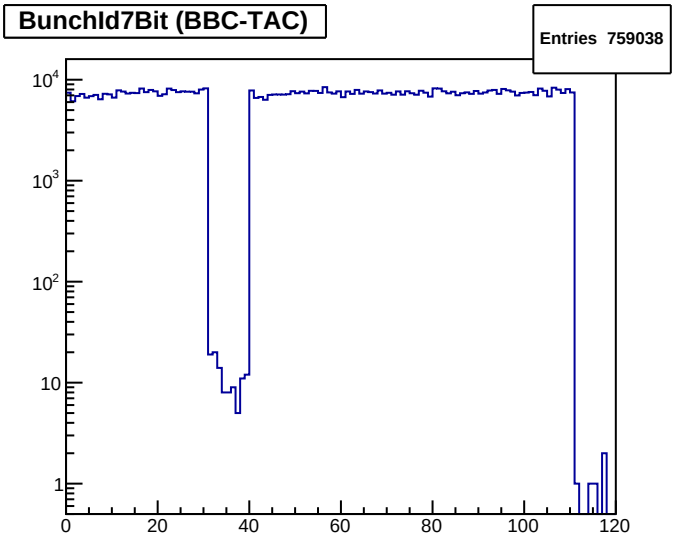

EM201E102JPId
Entries 0
simu
data

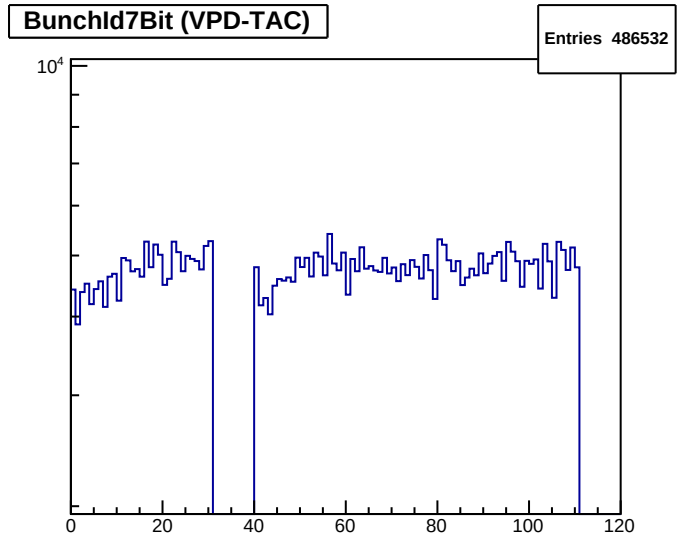

EM201E102Bits
Entries 4999995
20750
22276
24216
6615
2087
979249
977723
975783
993384
997112
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

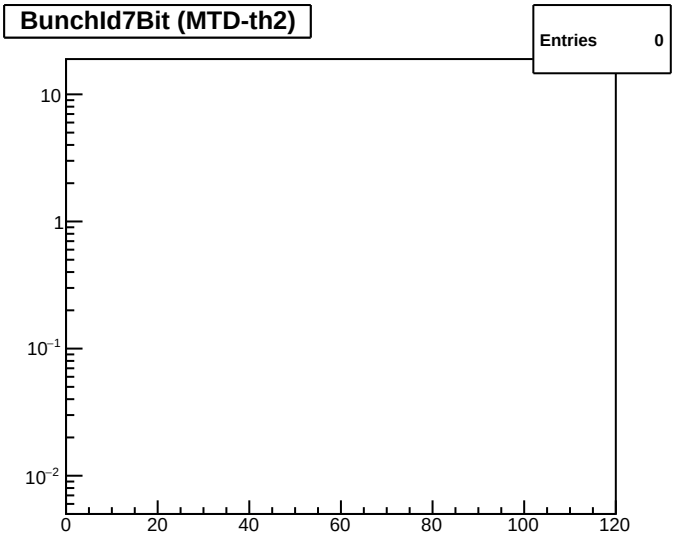

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

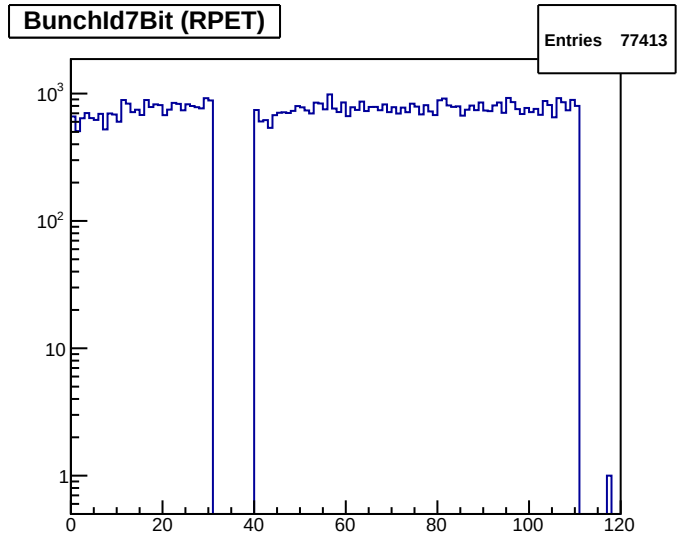

BunchId7Bit (BHT2)
Entries 22636

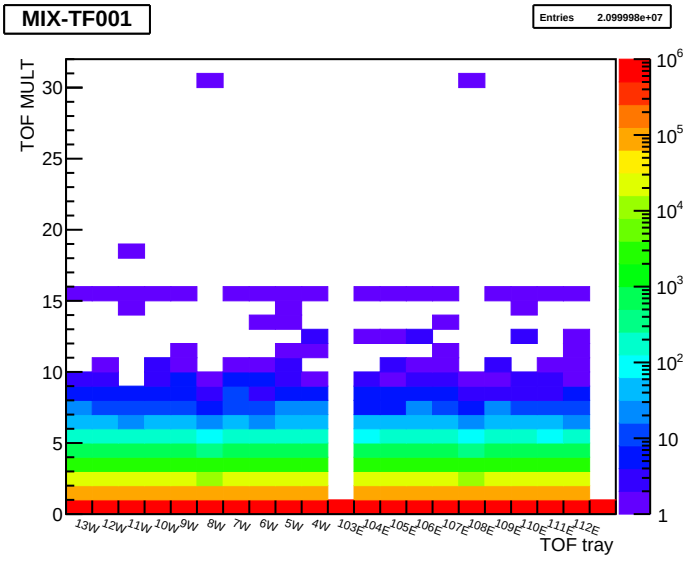

BunchId7Bit (JP2)
Entries 33816

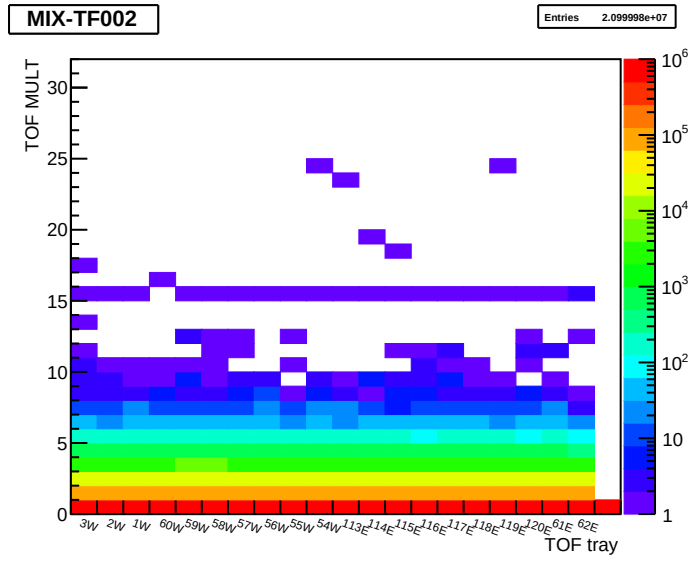

BunchId7Bit (BBC-TAC)
Entries 759038

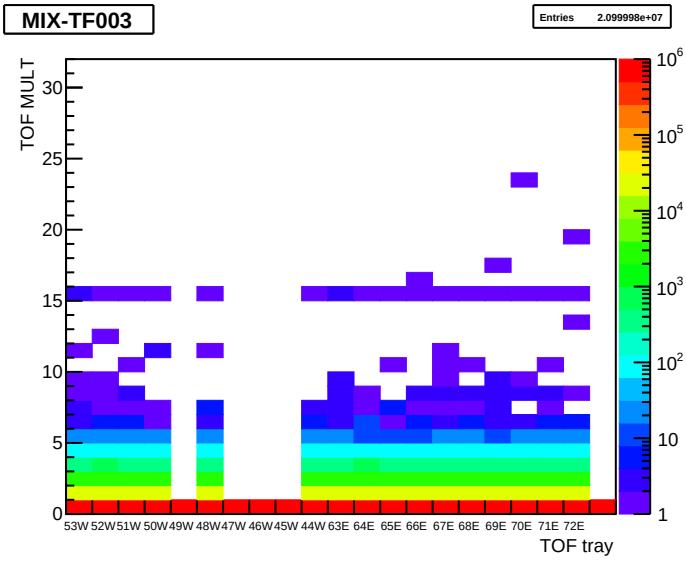

BunchId7Bit (VPD-TAC)
Entries 486532

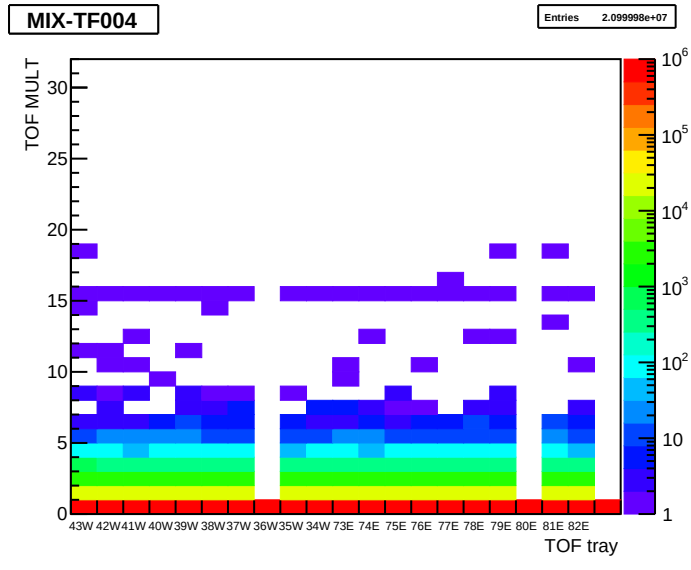

BunchId7Bit (MTD-th2)
Entries 0

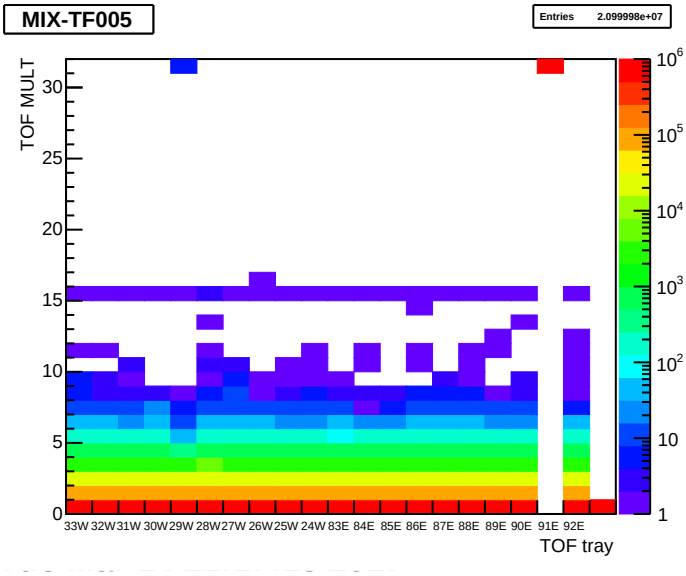

BunchId7Bit (RPET)
Entries 77413

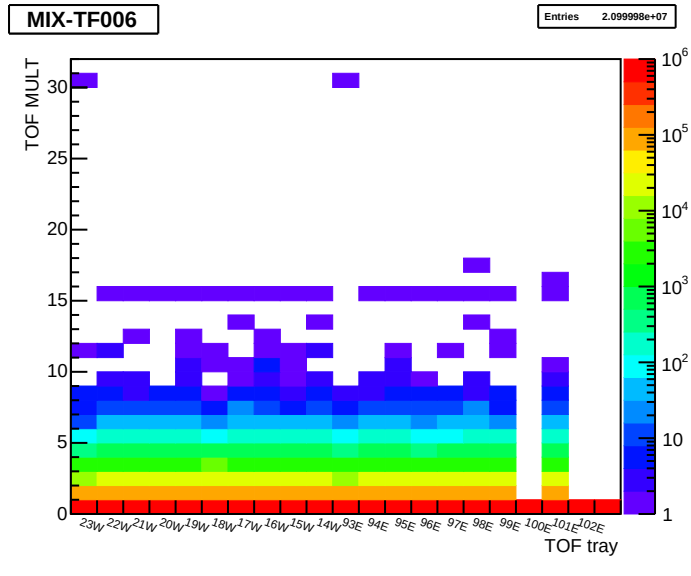

MIX-TF001
Entries 2.099998e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

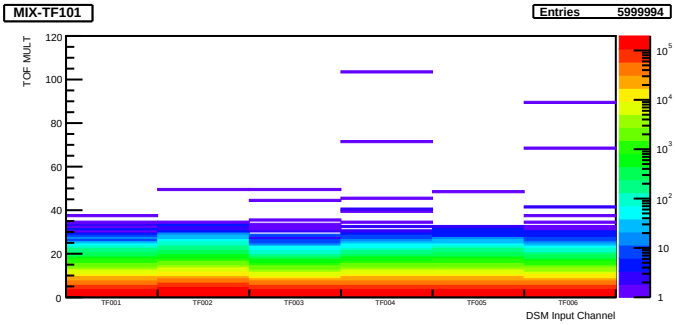

MIX-TF002
Entries 2.099998e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

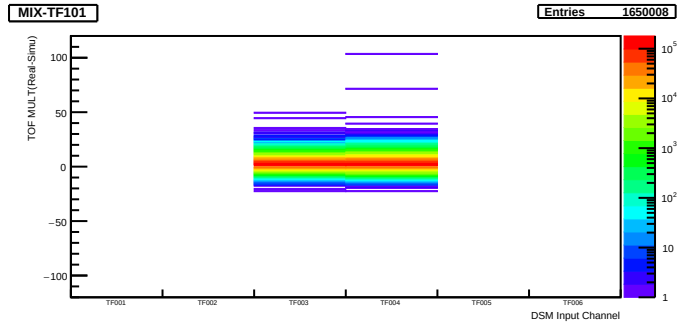

MIX-TF003
Entries 2.099998e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

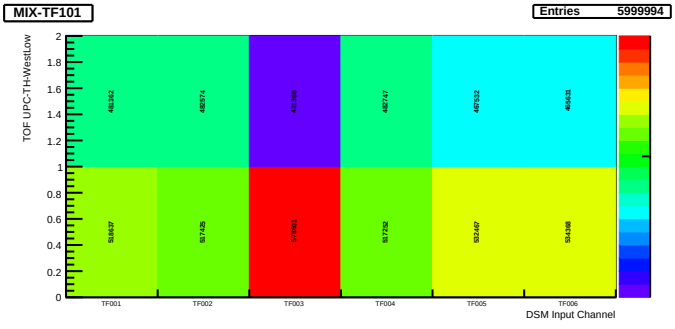

MIX-TF004
Entries 2.099998e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

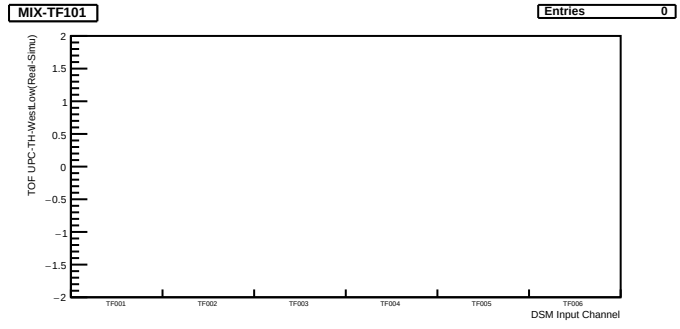

MIX-TF005
Entries 2.099998e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

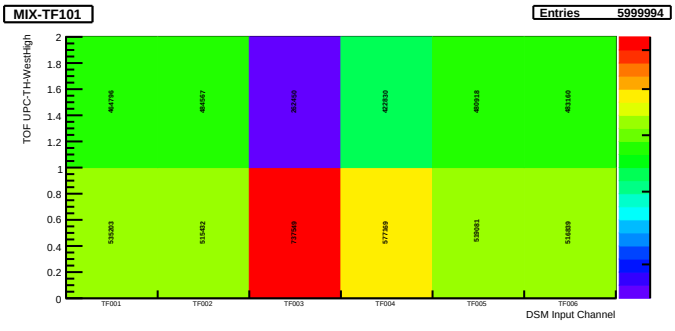

MIX-TF006
Entries 2.099998e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

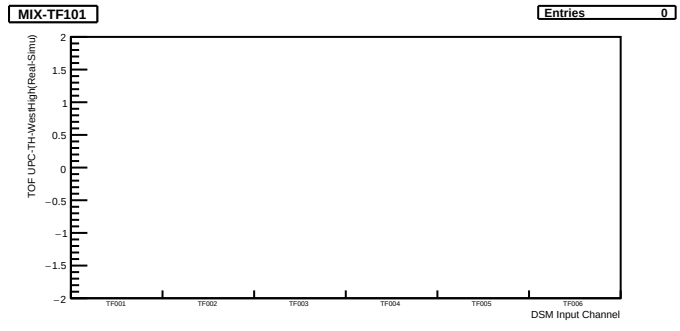

MIX-TF101
Entries 5999994
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

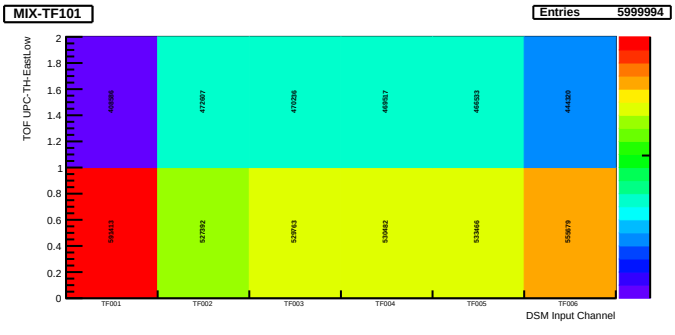

MIX-TF101
Entries 1650008
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

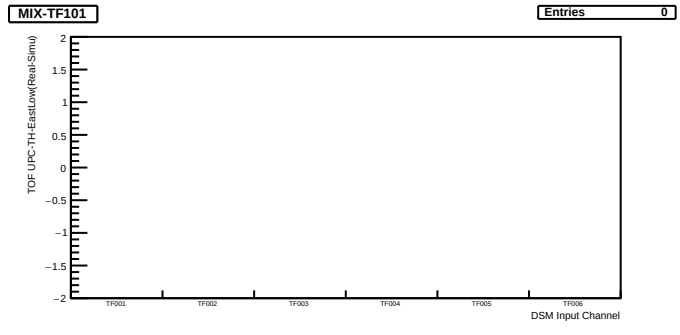

MIX-TF101
Entries 5999994
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

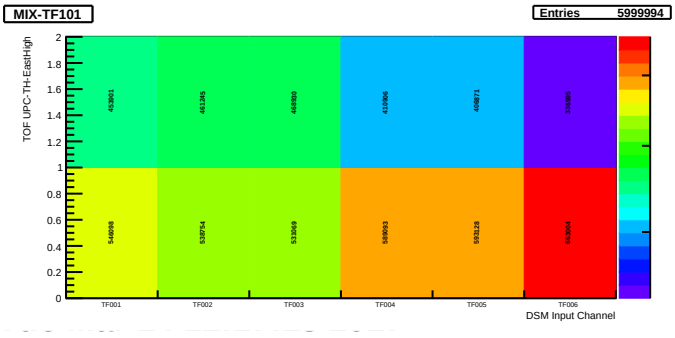

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

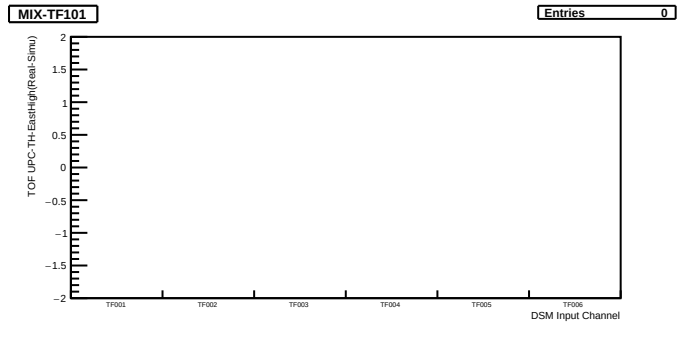

MIX-TF101
Entries 5999994
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

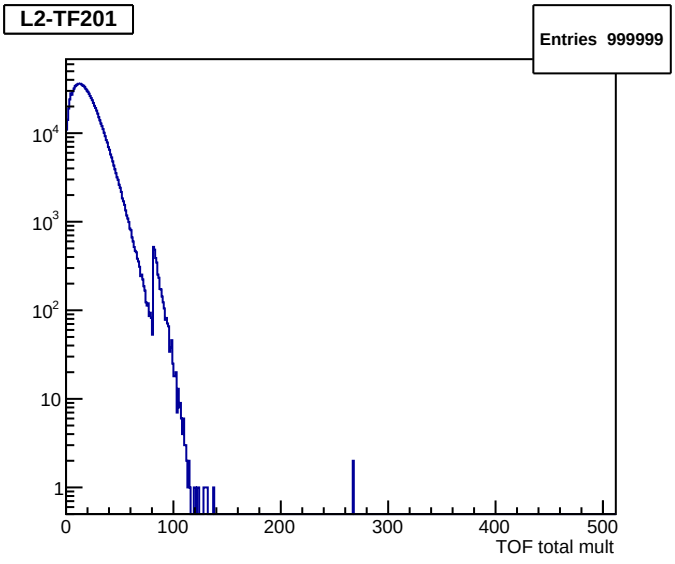

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

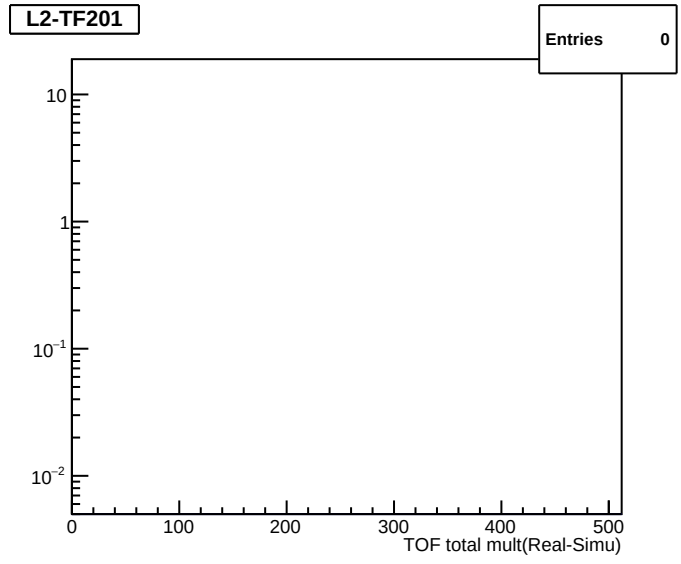

MIX-TF101
Entries 5999994
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

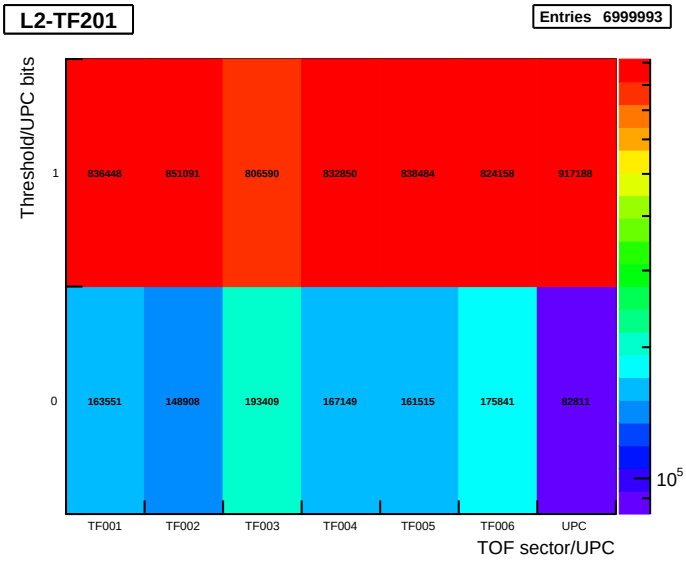

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

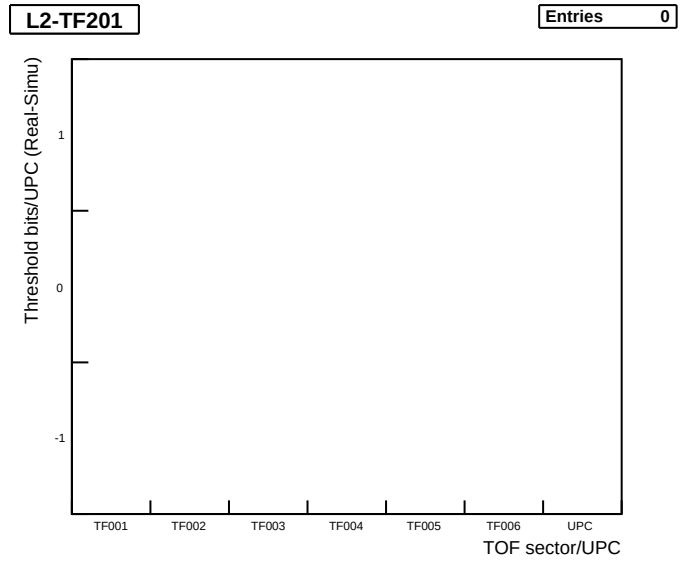

MIX-TF101
Entries 5999994
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

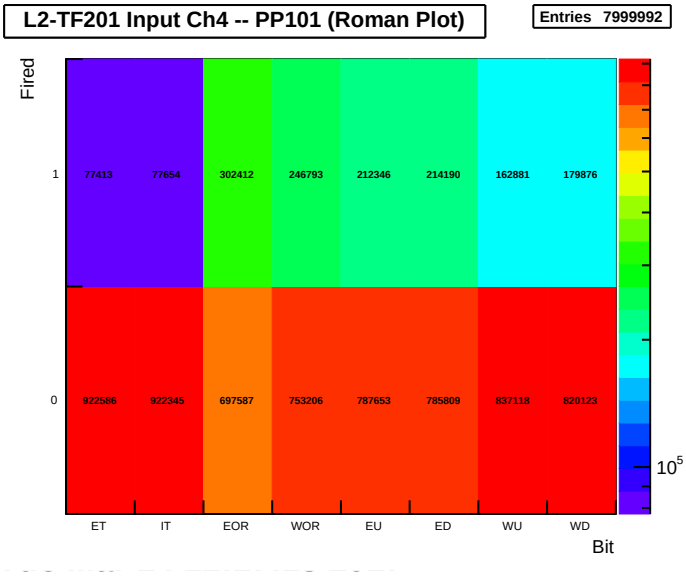

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

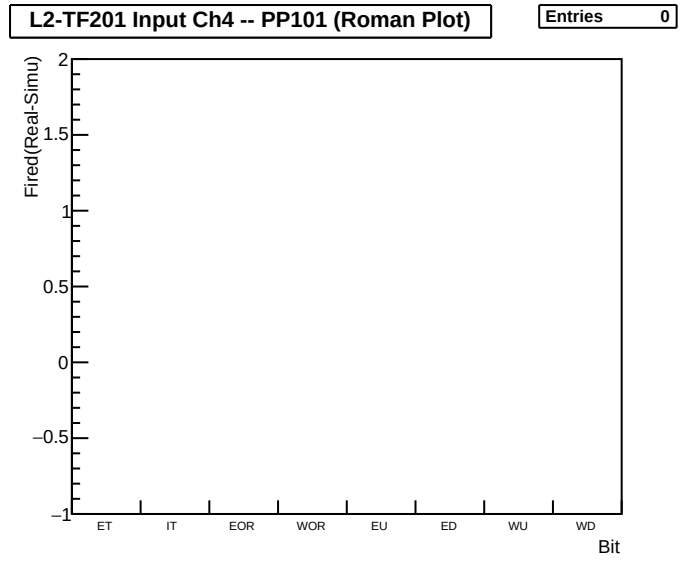

L2-TF201
Entries 999999
TOF total mult

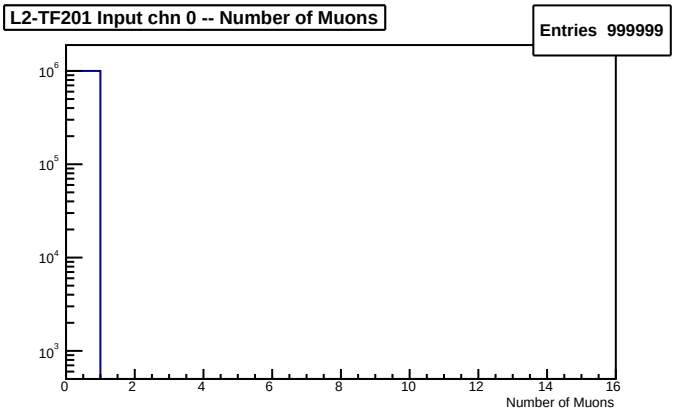

L2-TF201
Entries 0
TOF total mult(Real-Simu)

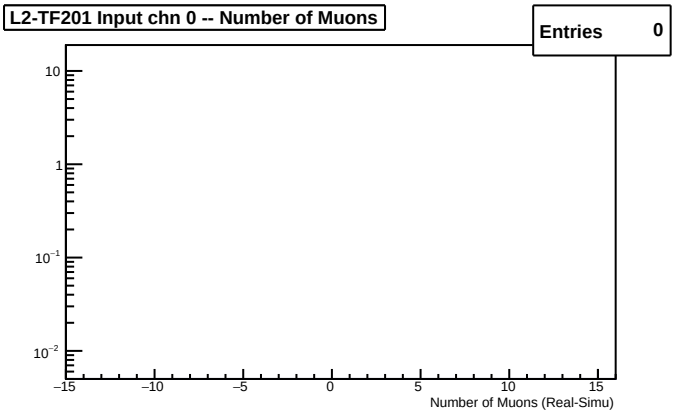

L2-TF201
Entries 6999993
Threshold/UPC bits
836448 851091 806590 832850 838484 824158 917188
163551 148908 193409 167149 161515 175841 82811
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

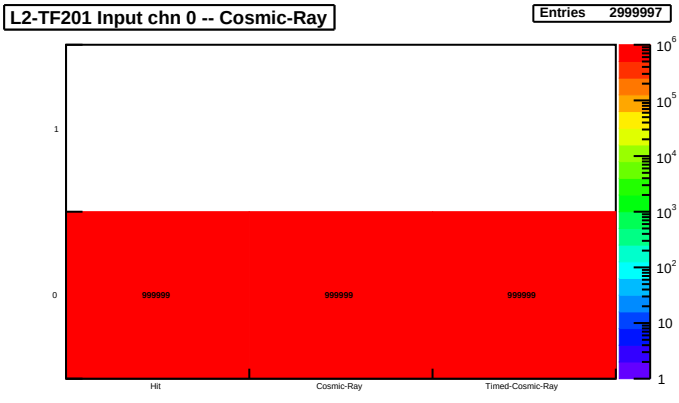

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

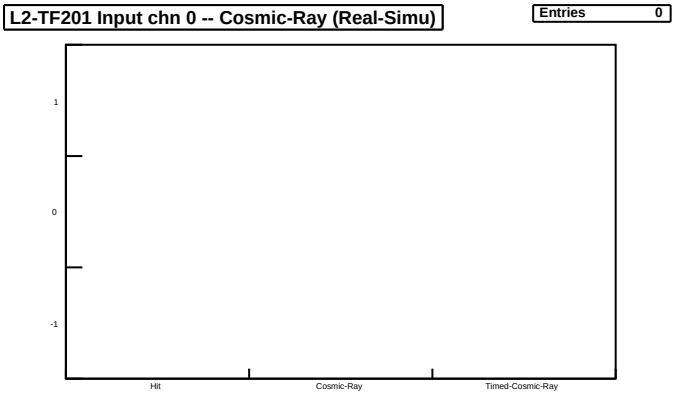

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 7999992
Fired
77413 77654 302412 246793 212346 214190 162881 179876
922586 922345 697587 753206 787653 785809 837118 820123
ET IT EOR WOR EU ED WU WD
Bit

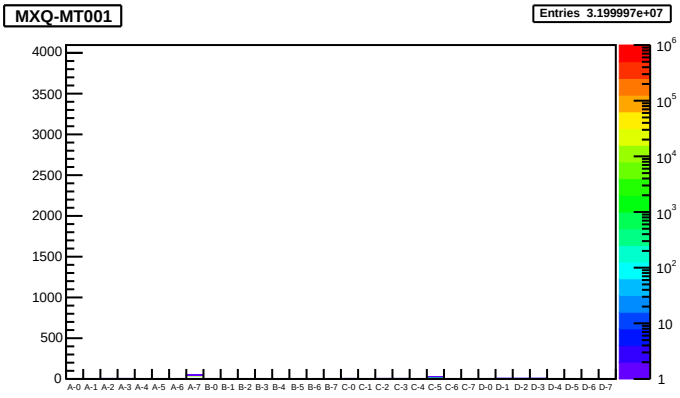

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

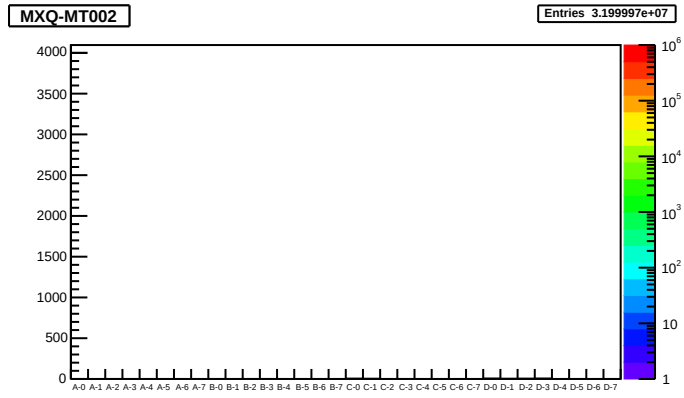

L2-TF201 Input chn 0 -- Number of Muons
Entries 999999
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2999997
999999
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


MXQ-MT001
Entries 3.199997e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 3.199997e+07
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3500
3000
2500
2000
1500
1000
500
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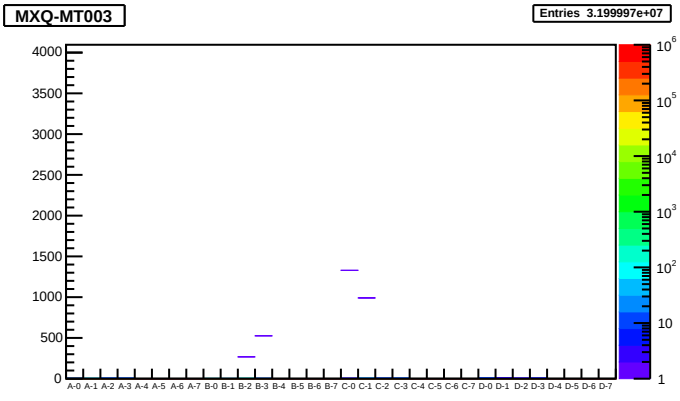
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 3.199997e+07
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3500
3000
2500
2000
1500
1000
500
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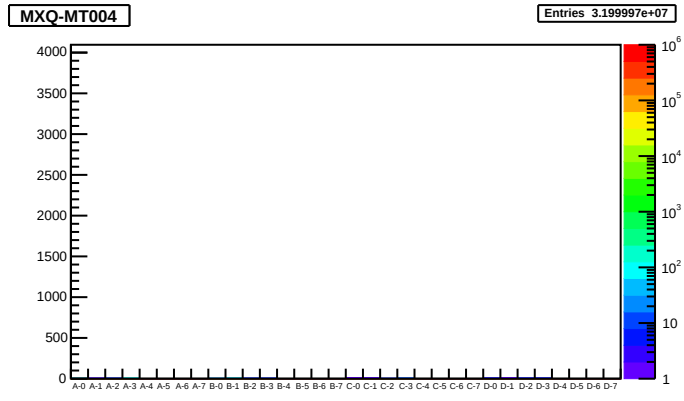
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 3.199997e+07
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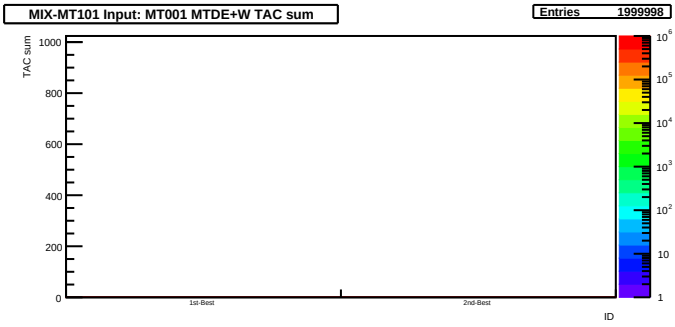
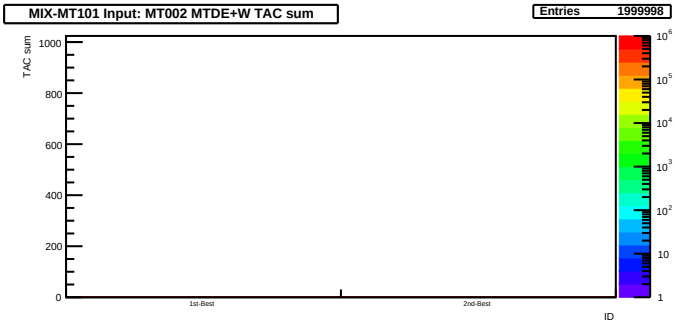
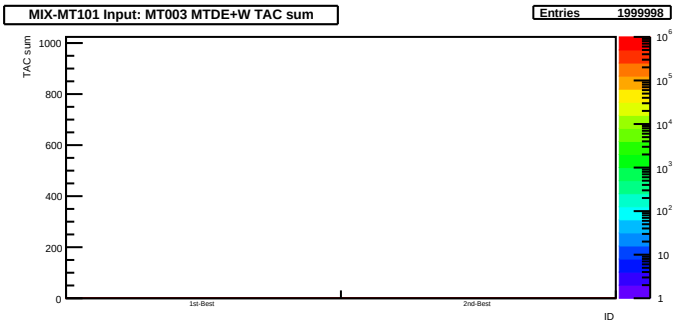
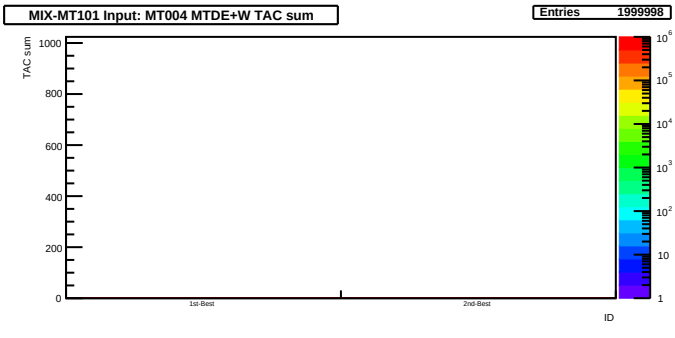
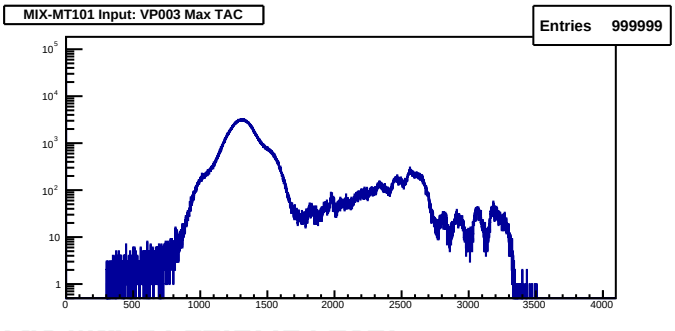
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

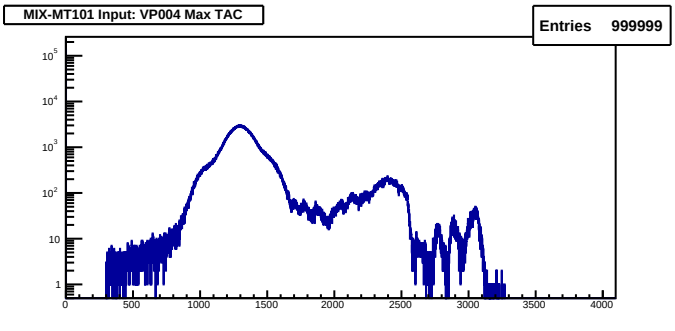

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1999998
TAC sum
1st-Best
2nd-Best
ID

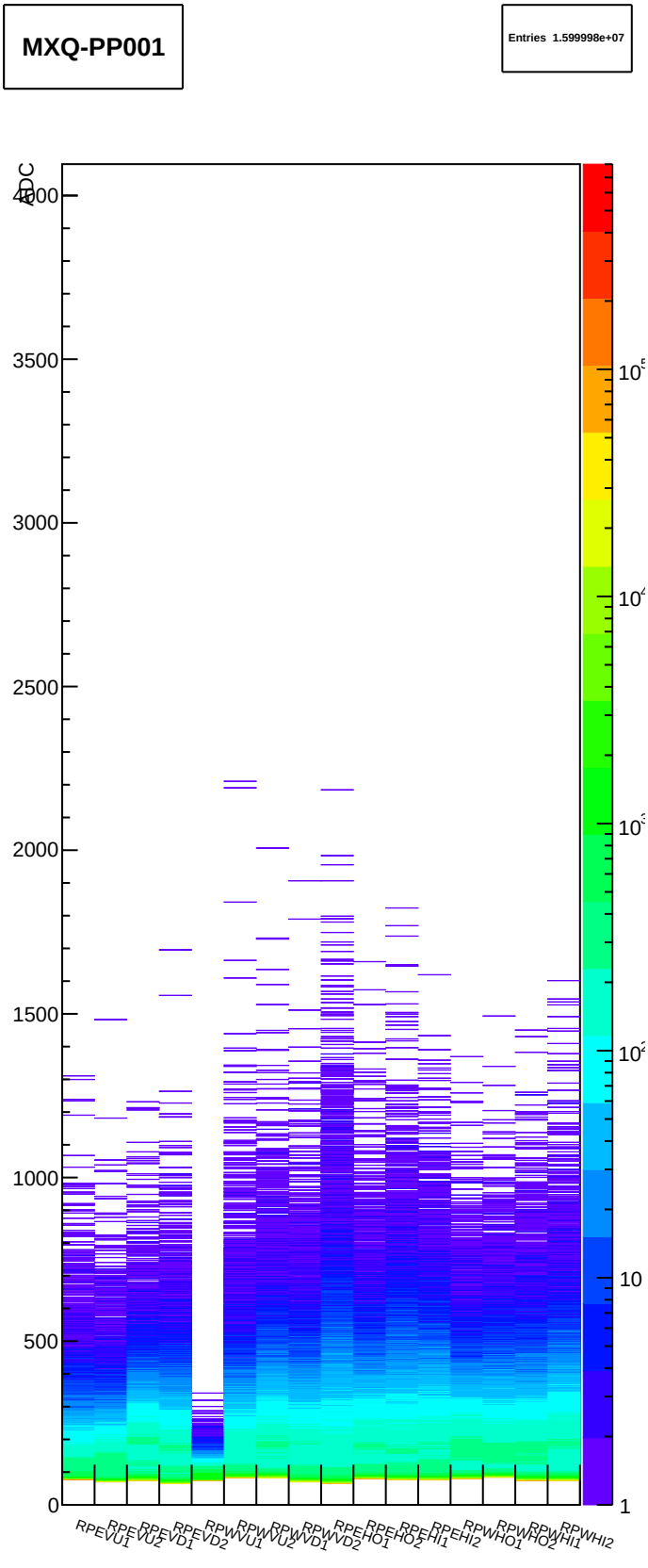

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1999998
TAC sum
1st-Best
2nd-Best
ID


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


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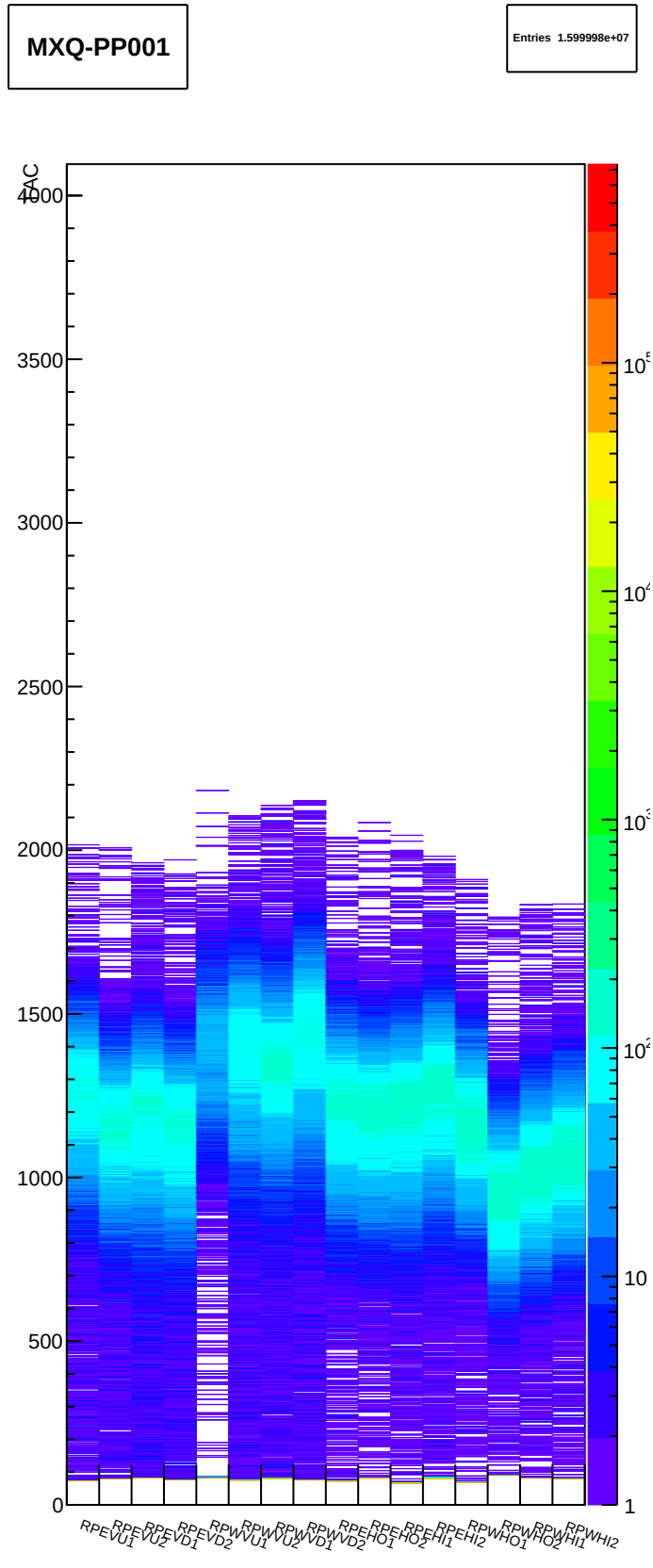
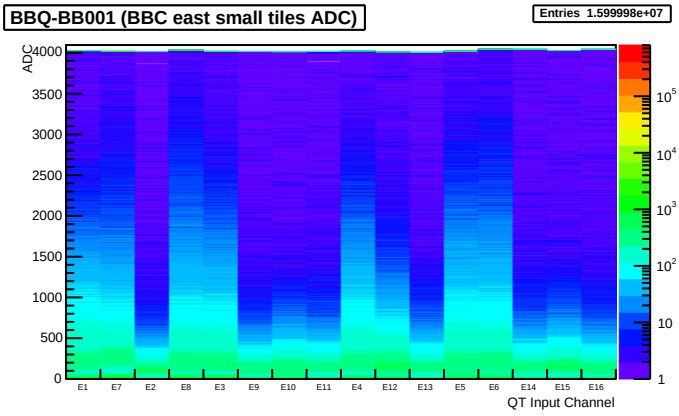
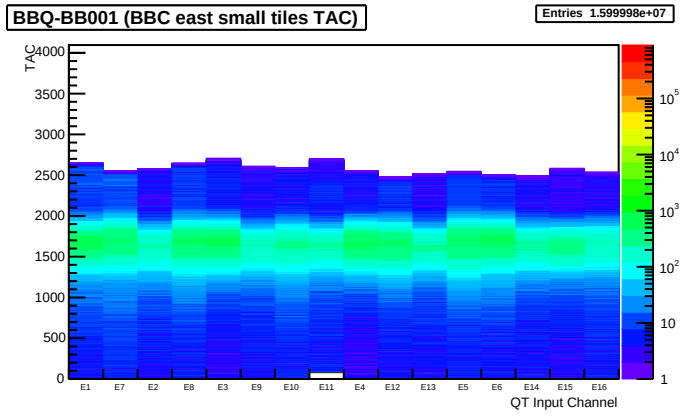
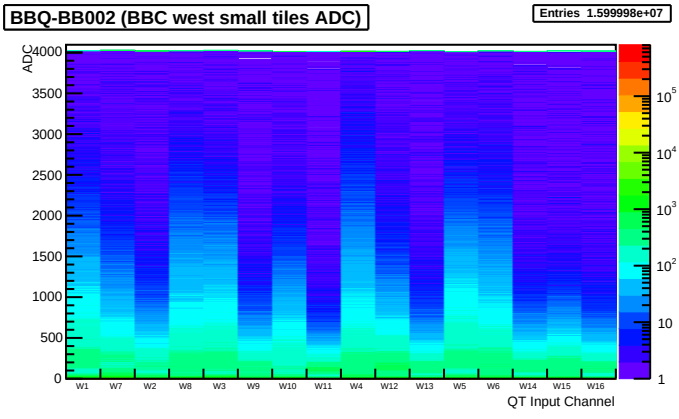
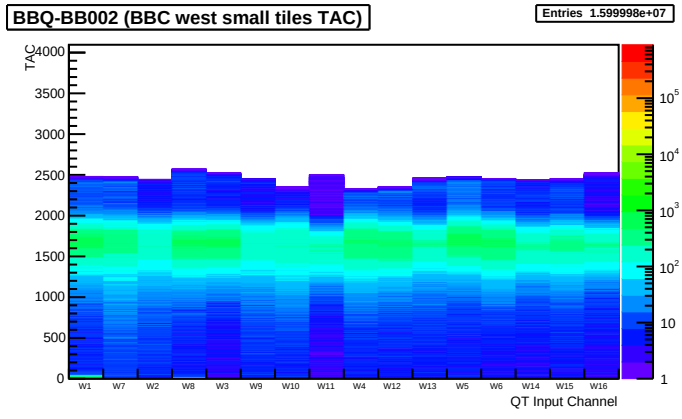
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

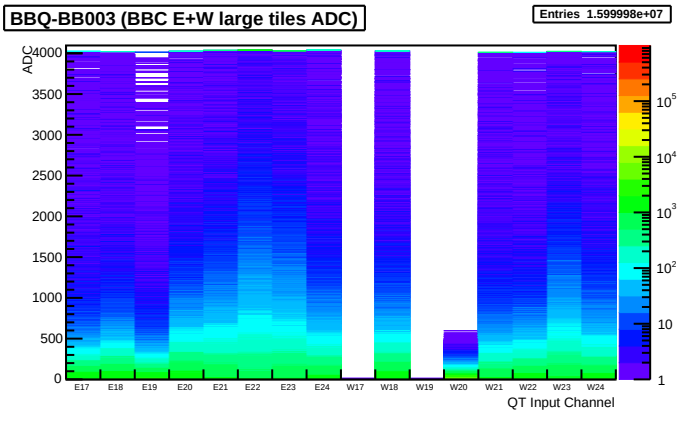

MXQ-PP001
Entries 1.599998e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

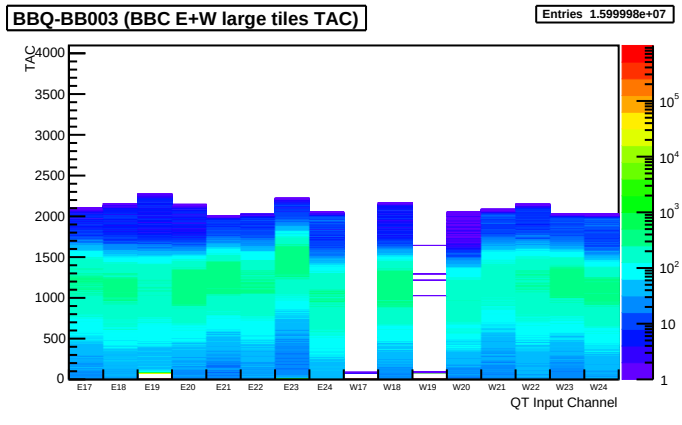

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.599998e+07
ADC
QT Input Channel

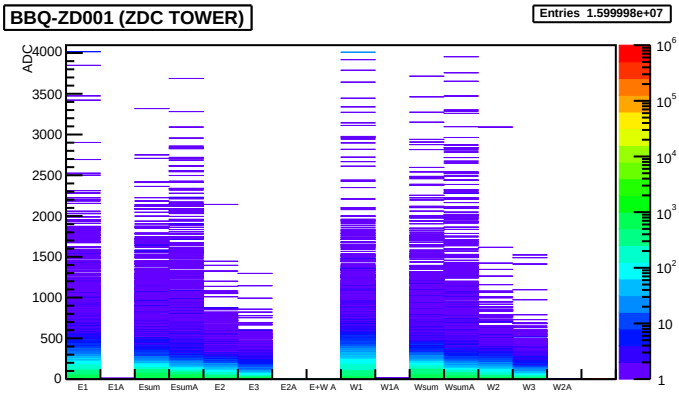

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.599998e+07
TAC
QT Input Channel

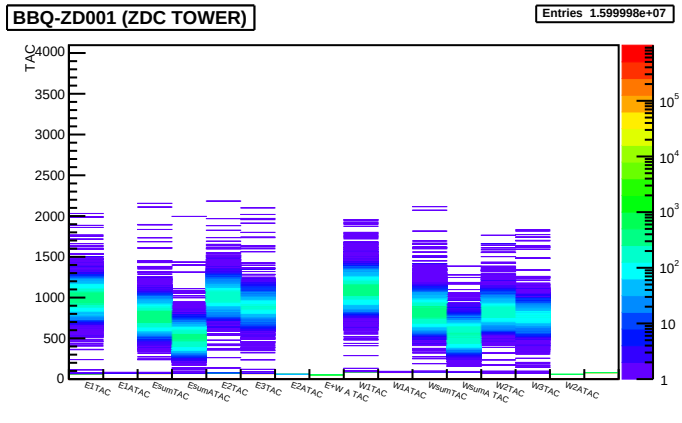

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.599998e+07
ADC
QT Input Channel

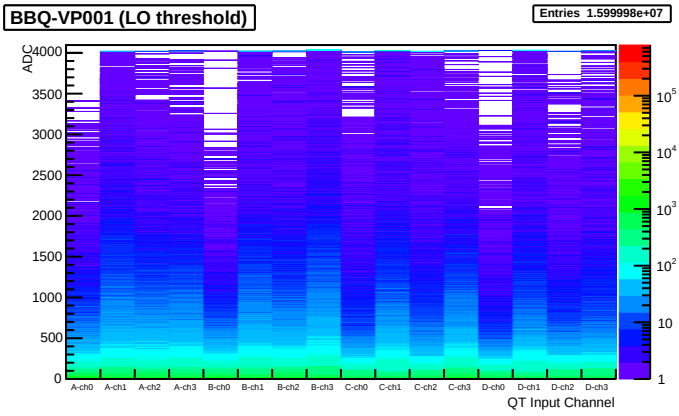

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.599998e+07
TAC
QT Input Channel

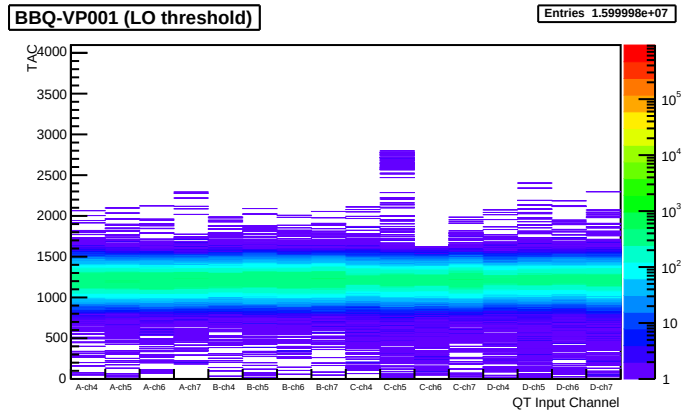

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.599998e+07
ADC
QT Input Channel

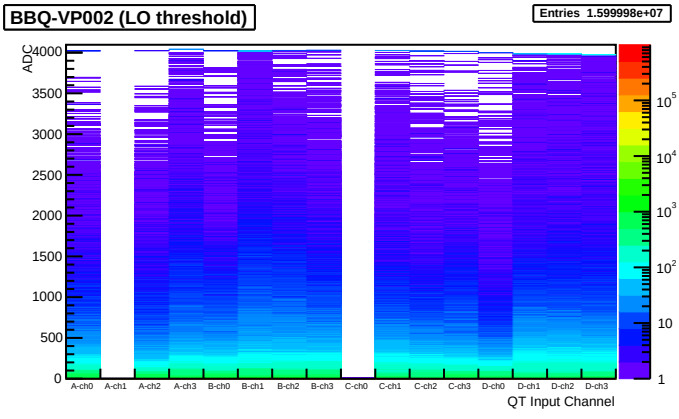

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.599998e+07
TAC
QT Input Channel

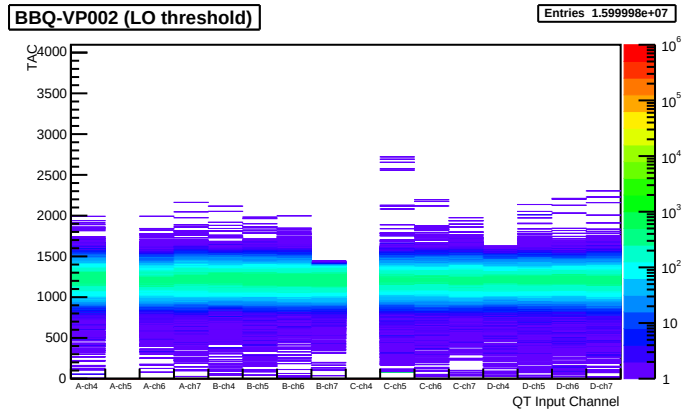

BBQ-ZD001 (ZDC TOWER)
Entries 1.599998e+07
ADC

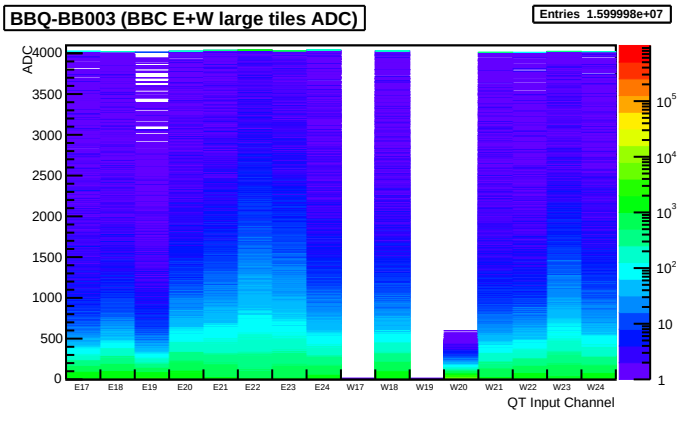

BBQ-ZD001 (ZDC TOWER)
Entries 1.599998e+07
TAC

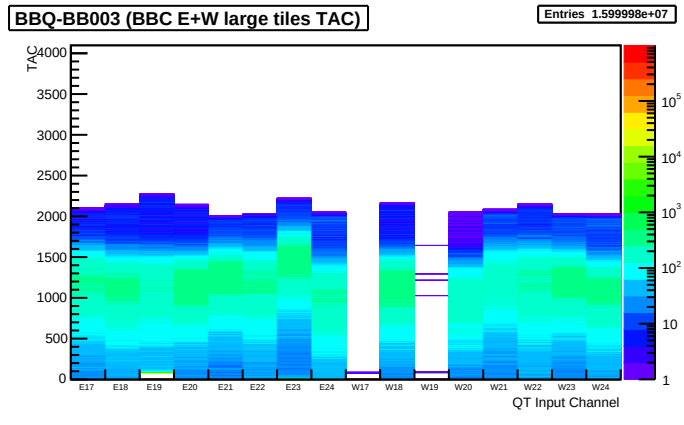

BBQ-VP001 (LO threshold)
Entries 1.599998e+07
ADC
QT Input Channel

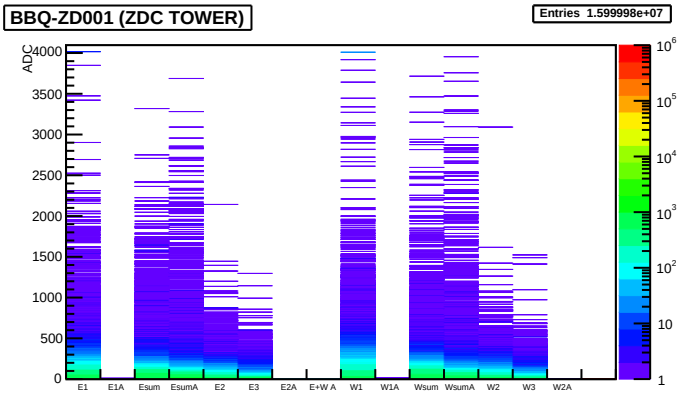

BBQ-VP001 (LO threshold)
Entries 1.599998e+07
TAC
QT Input Channel

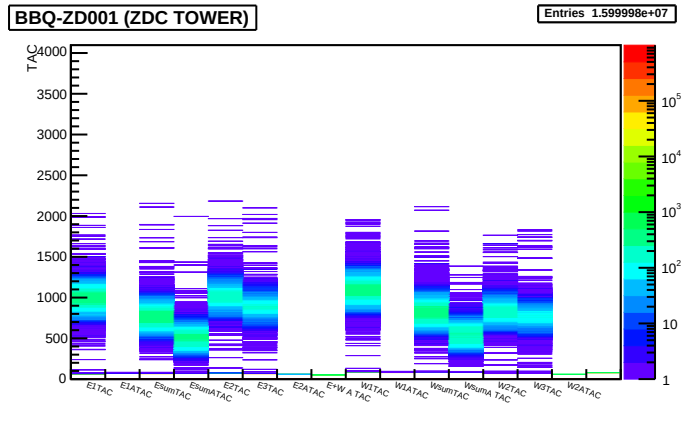

BBQ-VP002 (LO threshold)
Entries 1.599998e+07
ADC
QT Input Channel

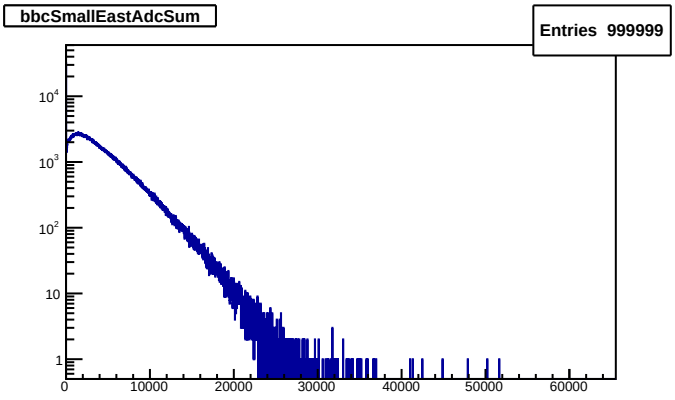

BBQ-VP002 (LO threshold)
Entries 1.599998e+07
TAC
QT Input Channel

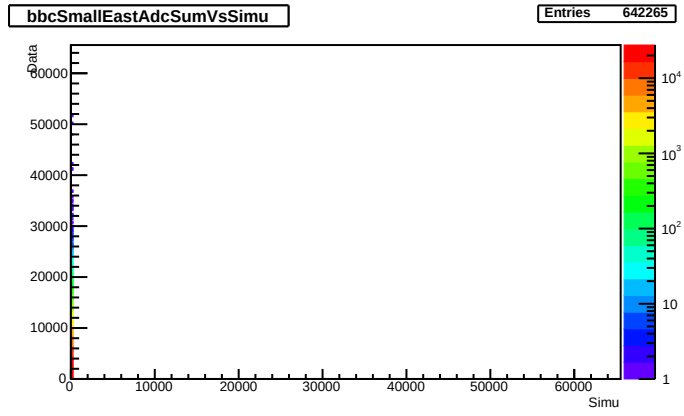

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.599998e+07
ADC
QT Input Channel

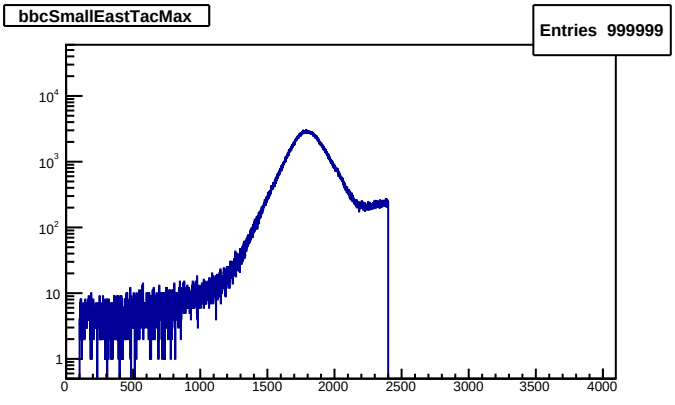

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.599998e+07
TAC
QT Input Channel

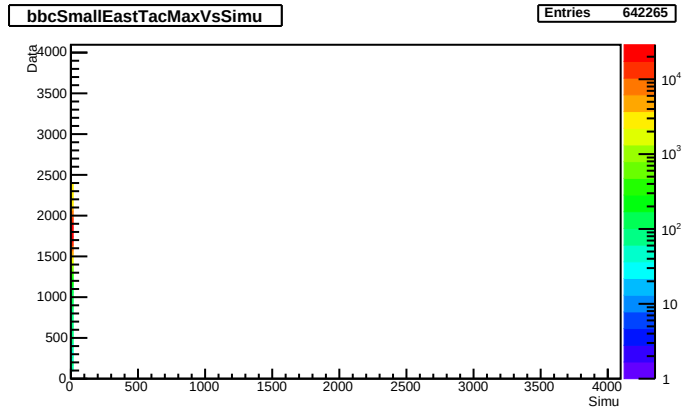

BBQ-ZD001 (ZDC TOWER)
Entries 1.599998e+07
ADC

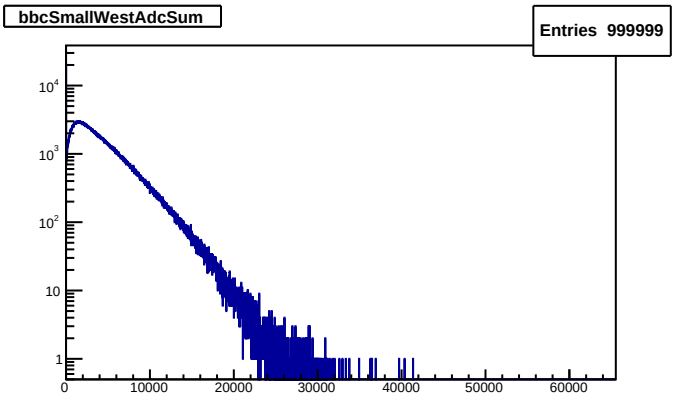

BBQ-ZD001 (ZDC TOWER)
Entries 1.599998e+07
TAC

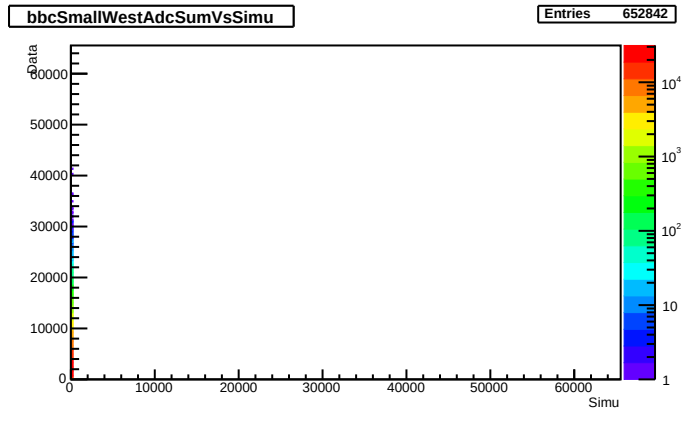

bbcSmallEastAdcSum
Entries 999999

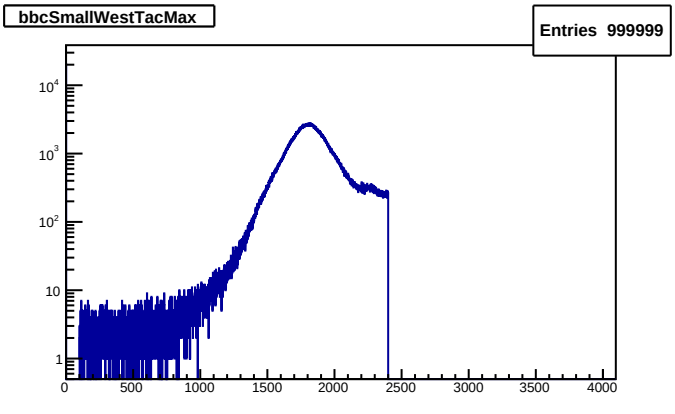

bbcSmallEastAdcSumVsSimu
Entries 642265
Data
Simu

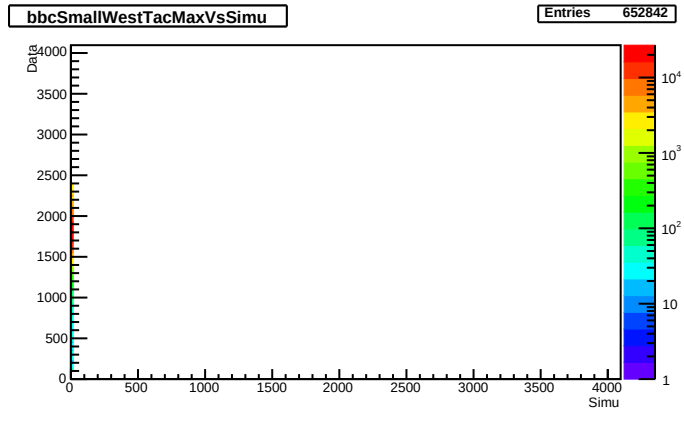

bbcSmallEastTacMax
Entries 999999

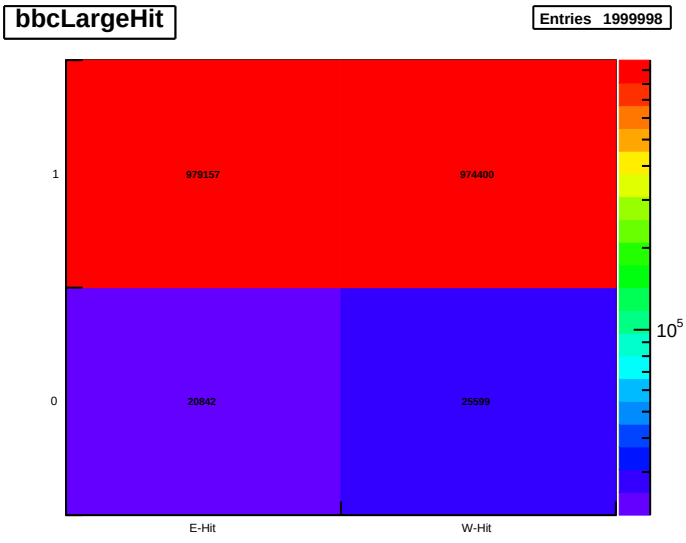

bbcSmallEastTacMaxVsSimu
Entries 642265
Data
Simu

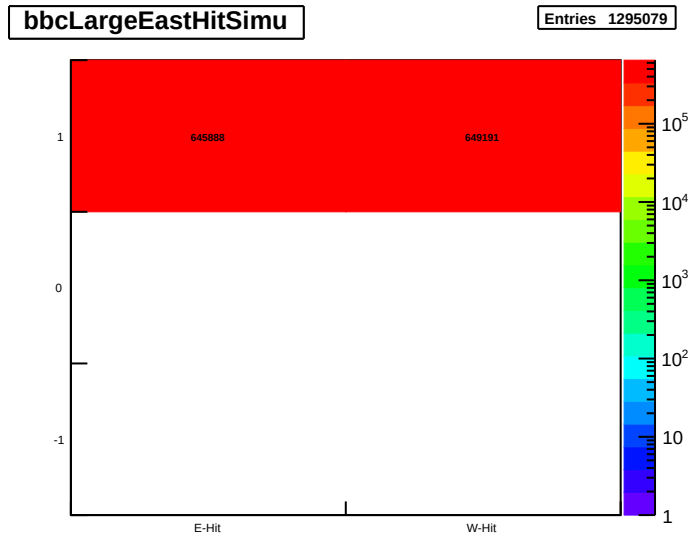

bbcSmallWestAdcSum
Entries 999999

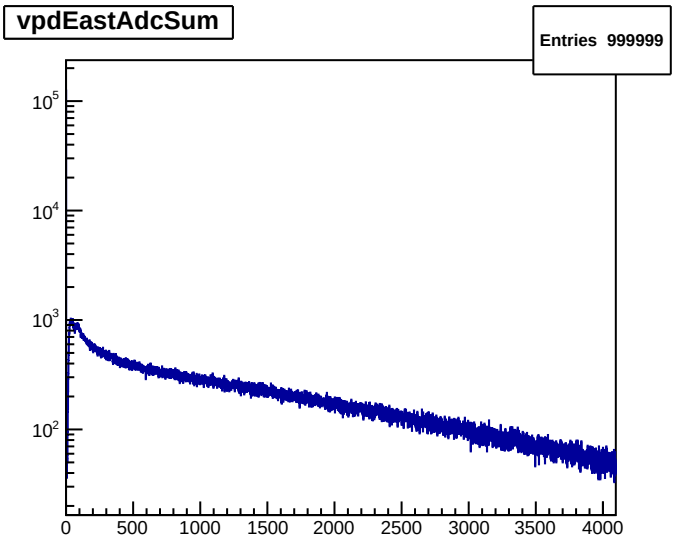

bbcSmallWestAdcSumVsSimu
Entries 652842
Data
Simu

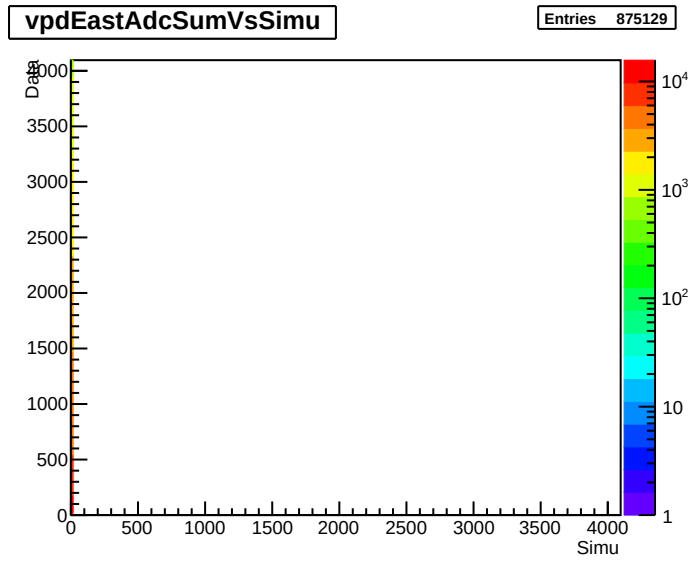

bbcSmallWestTacMax
Entries 999999

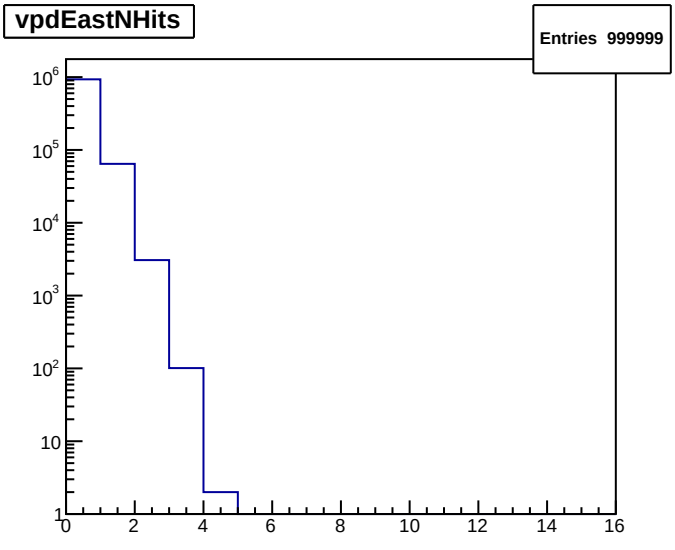

bbcSmallWestTacMaxVsSimu
Entries 652842
Data
Simu

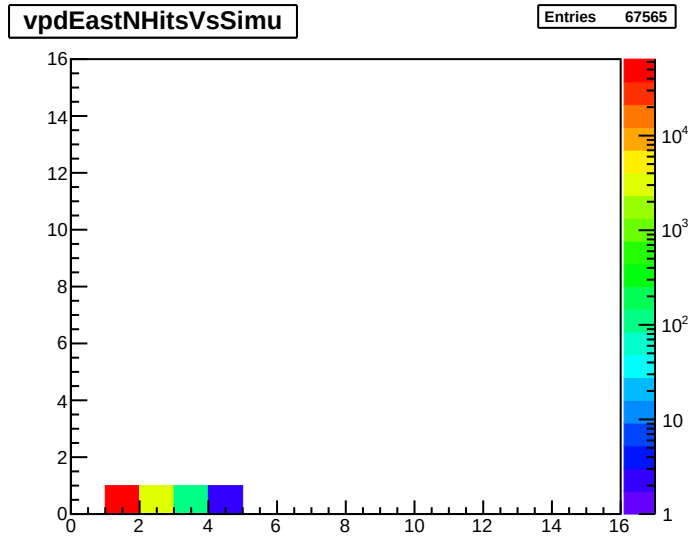

bbcLargeHit
Entries 1999998
979157
974400
20842
25599
1
0
E-Hit
W-Hit
10^5

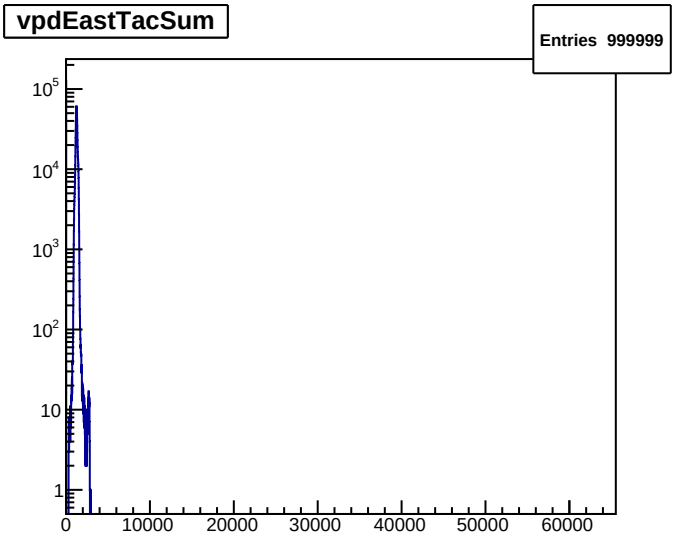

bbcLargeEastHitSimu
Entries 1295079
645888
649191
1
0
-1
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

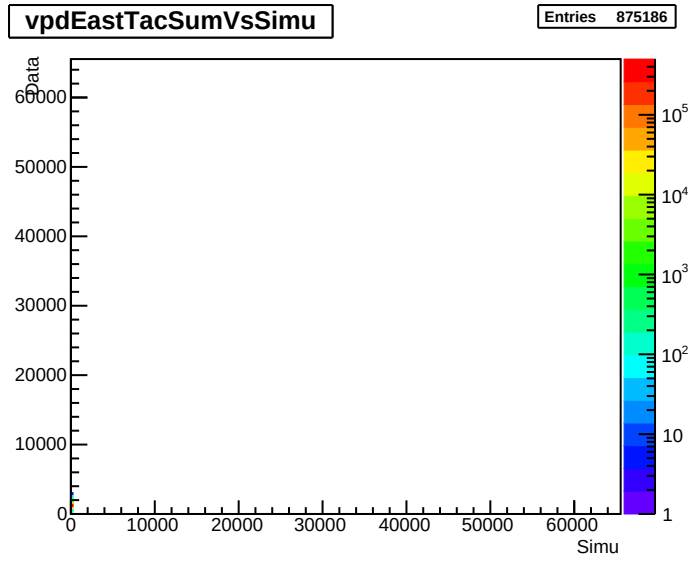

vpdEastAdcSum
Entries 999999

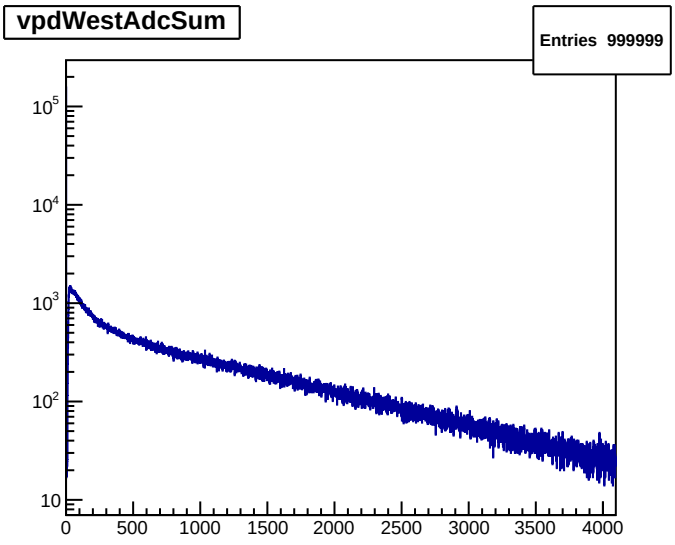

vpdEastAdcSumVsSimu
Entries 875129
Data
Simu

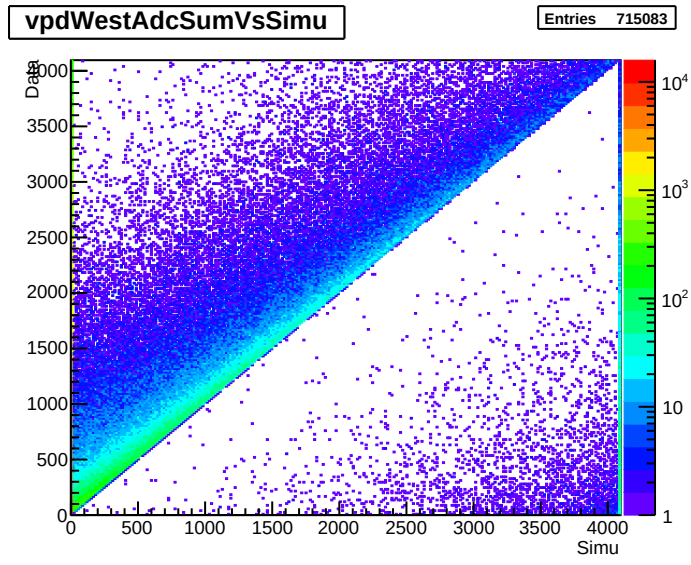

vpdEastNHits
Entries 999999

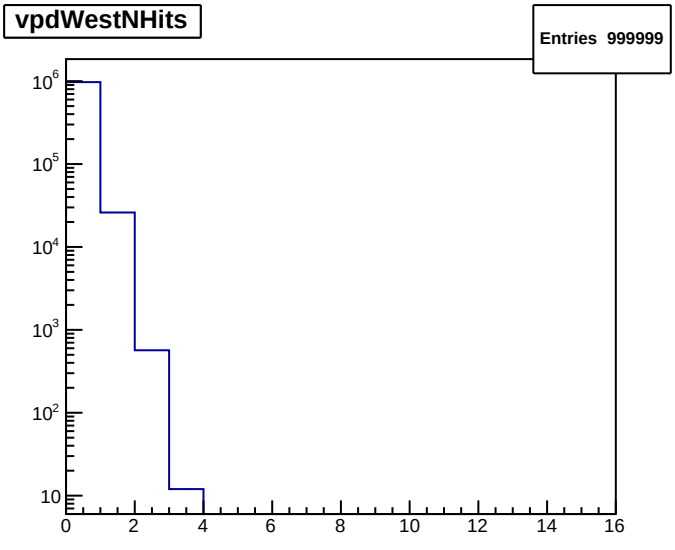

vpdEastNHitsVsSimu
Entries 67565

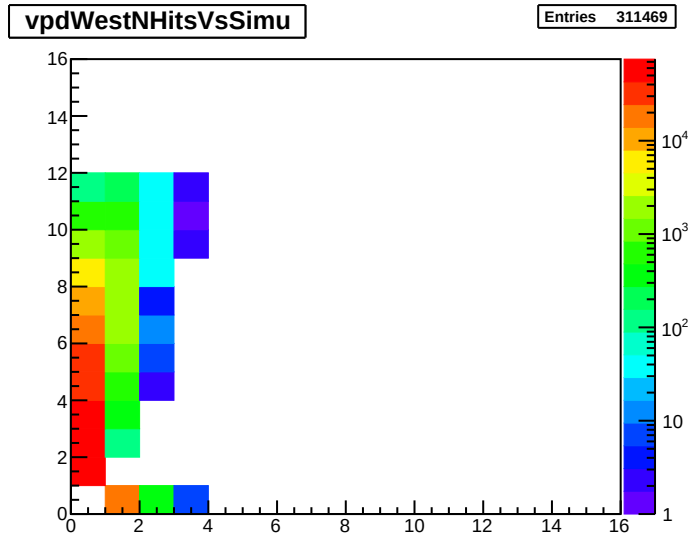

vpdEastTacSum
Entries 999999

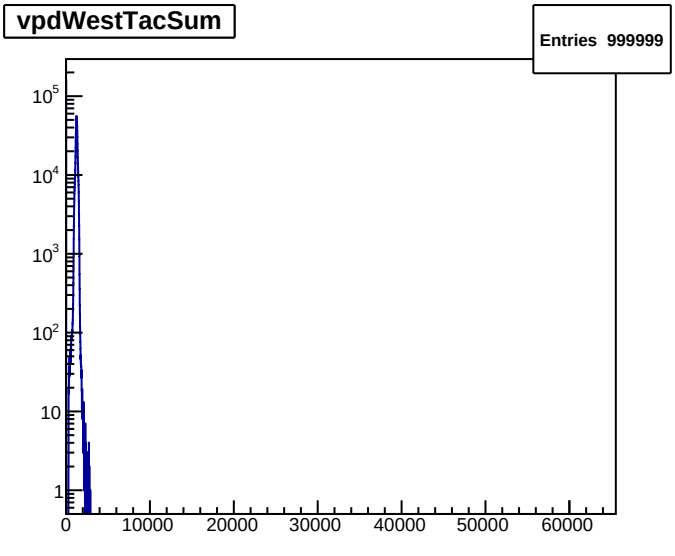

vpdEastTacSumVsSimu
Entries 875186
Data
Simu

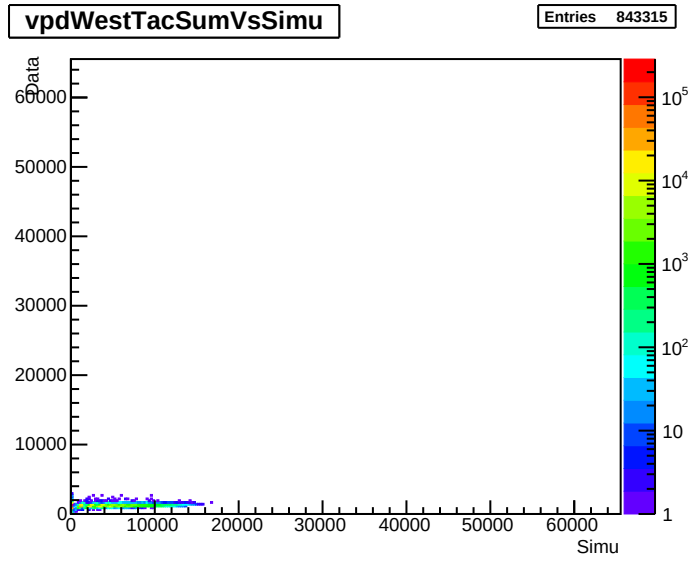

vpdWestAdcSum
Entries 999999

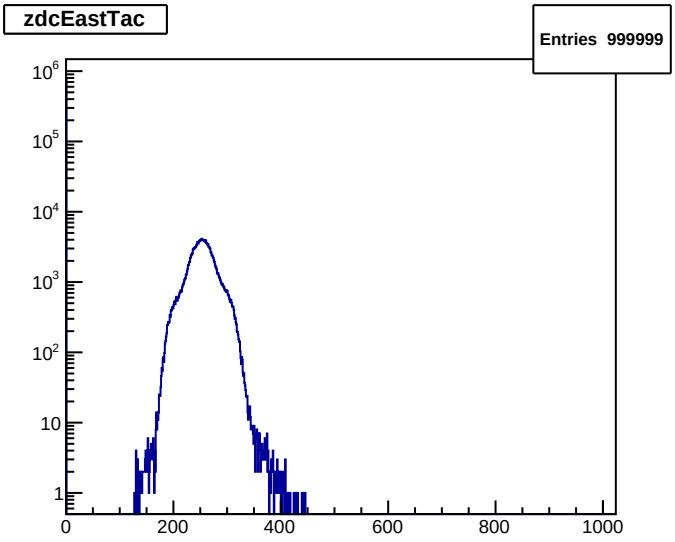

vpdWestAdcSumVsSimu
Entries 715083
Data
Simu

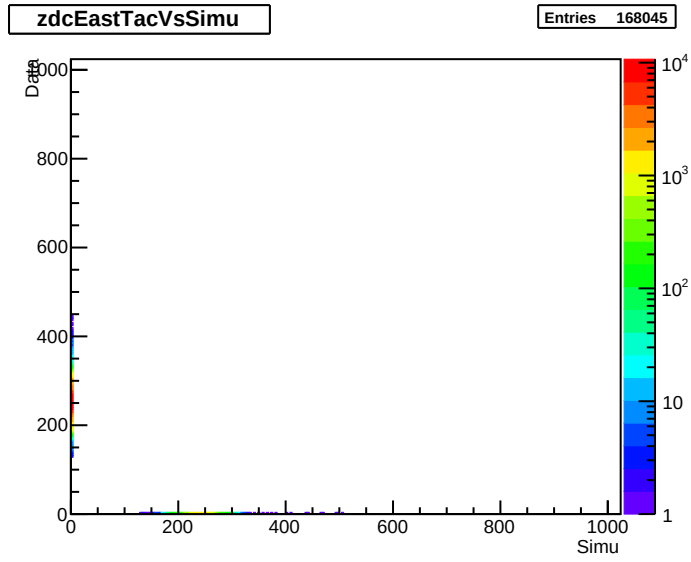

vpdWestNHits
Entries 999999

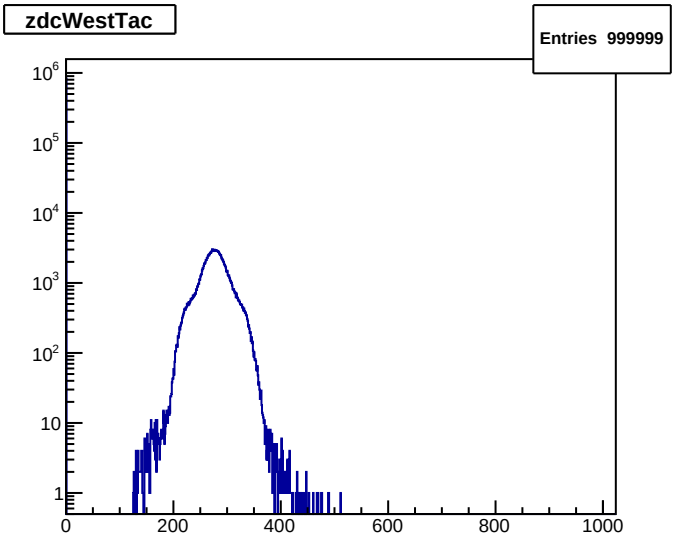

vpdWestNHitsVsSimu
Entries 311469

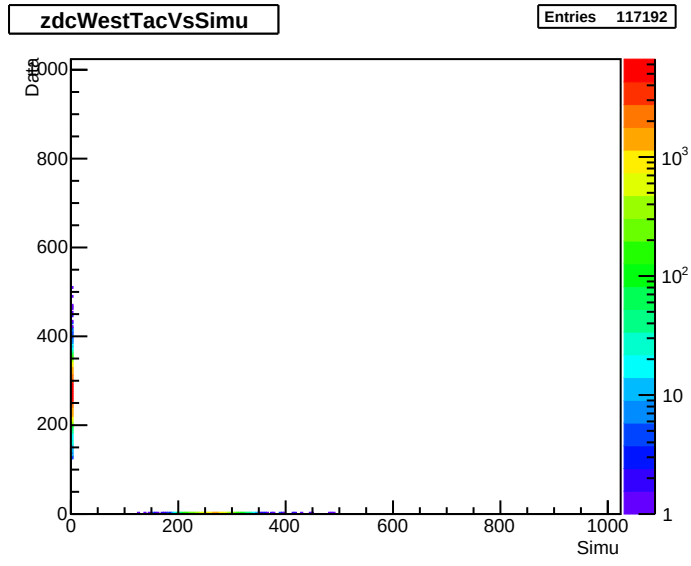

vpdWestTacSum
Entries 999999

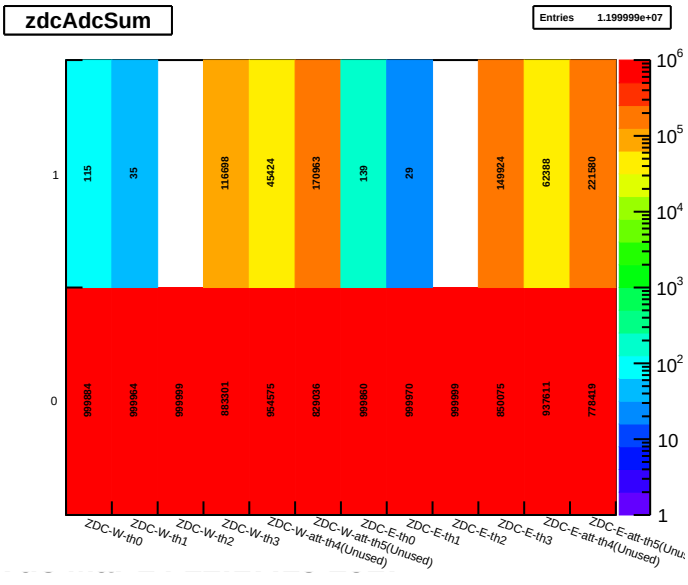

vpdWestTacSumVsSimu
Entries 843315
Data
Simu

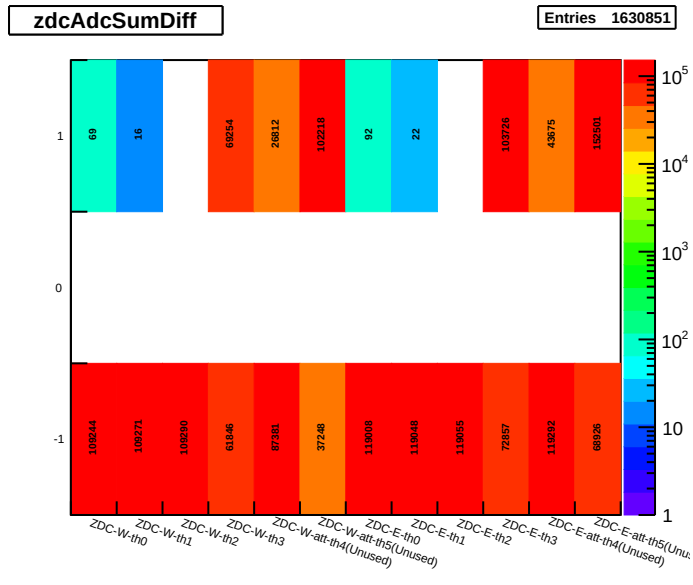

zdcEastTac
Entries 999999

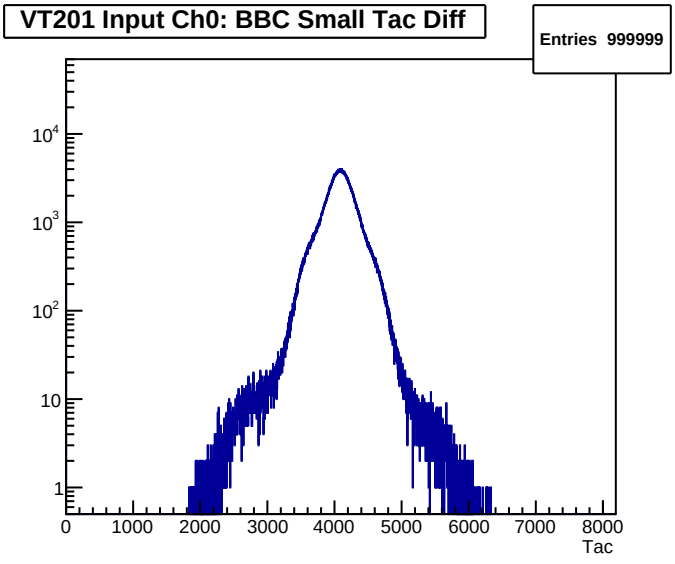

zdcEastTacVsSimu
Entries 168045
Data
Simu

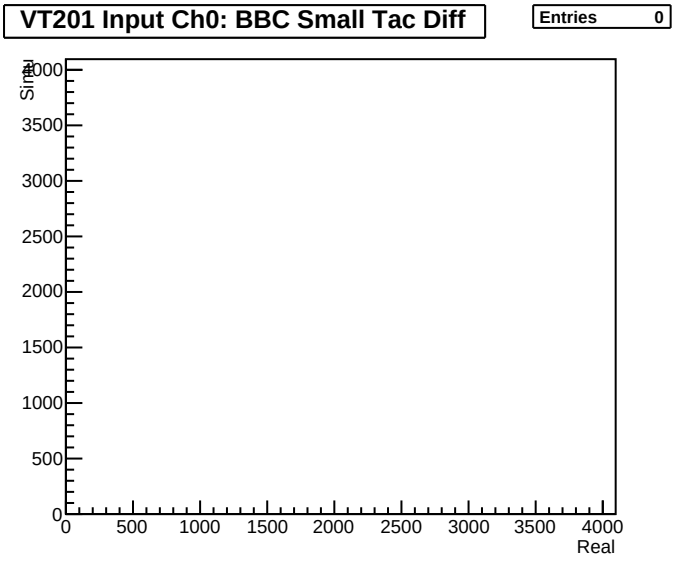

zdcWestTac
Entries 999999

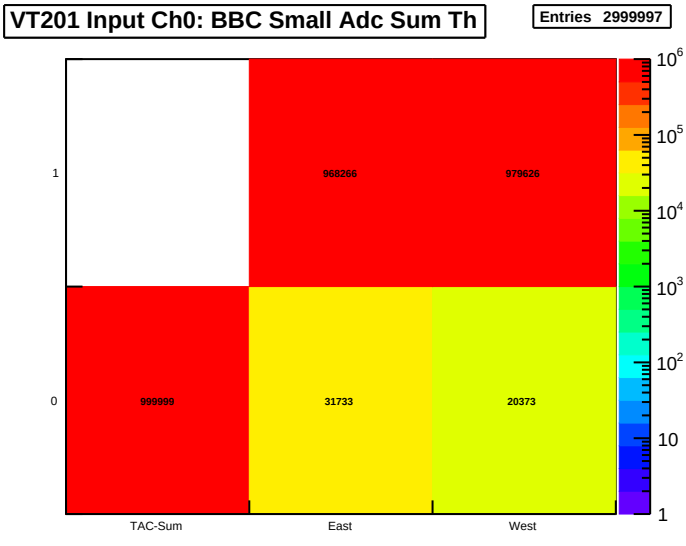

zdcWestTacVsSimu
Entries 117192
Data
Simu

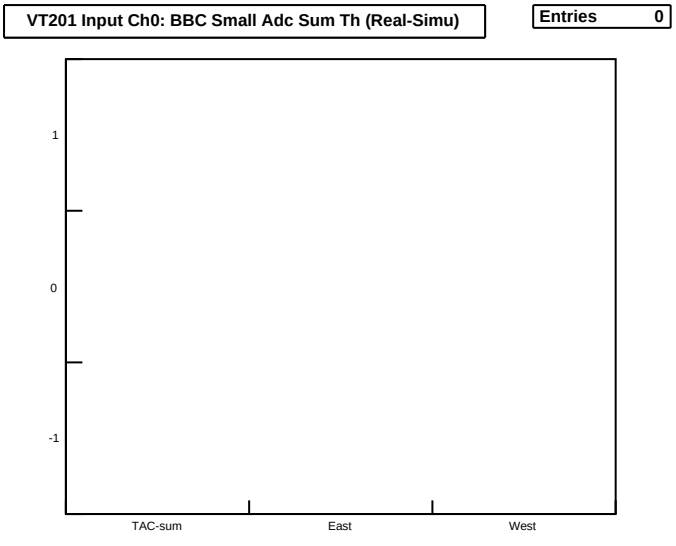

zdcAdcSum
Entries 1.199999e+07
115
35
116698
45424
170963
139
29
149924
62388
221580
999884
999964
999999
883301
954575
829036
999960
999970
999999
850075
937611
778419
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

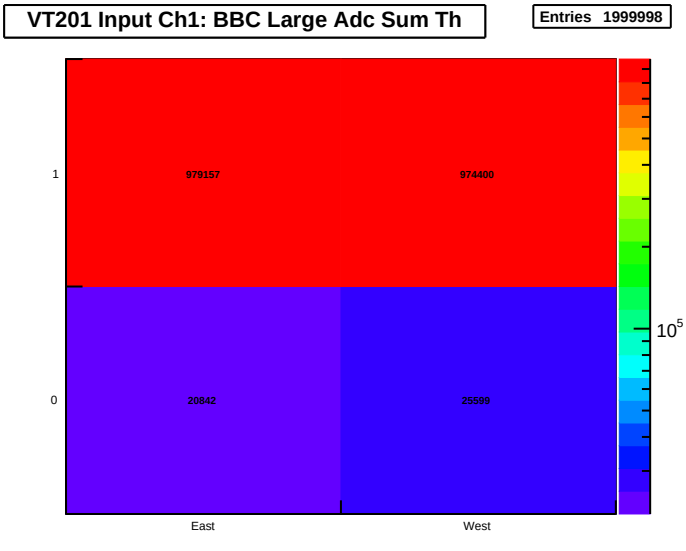

zdcAdcSumDiff
Entries 1630851
69
16
69254
26812
102218
92
22
103726
43875
152501
109244
109271
109290
61846
87381
37248
119008
119048
119055
72857
119292
68926
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

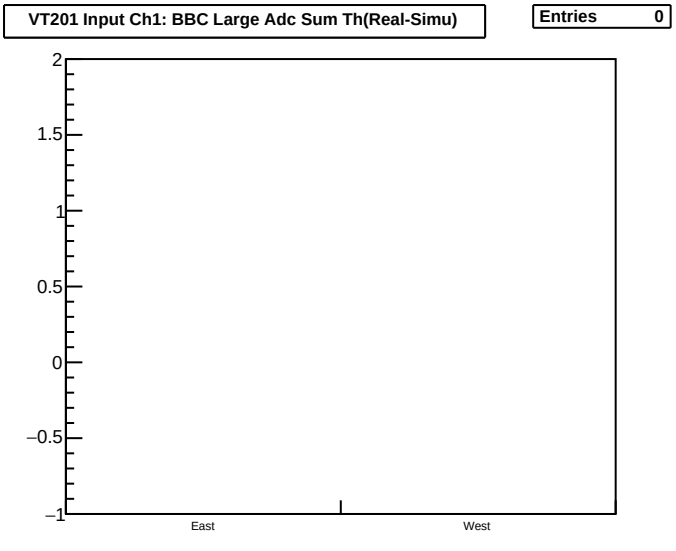

VT201 Input Ch0: BBC Small Tac Diff
Entries 999999
Tac


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

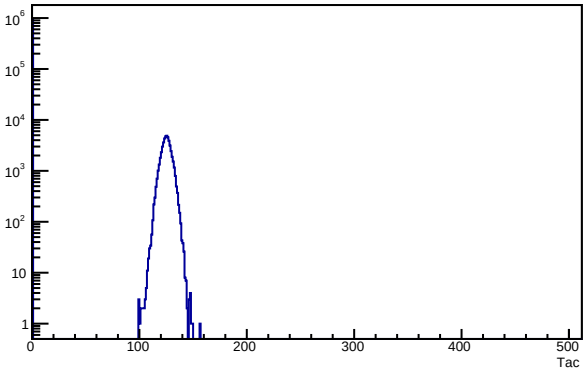

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2999997
968266
979626
999999
31733
20373
TAC-Sum
East
West


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

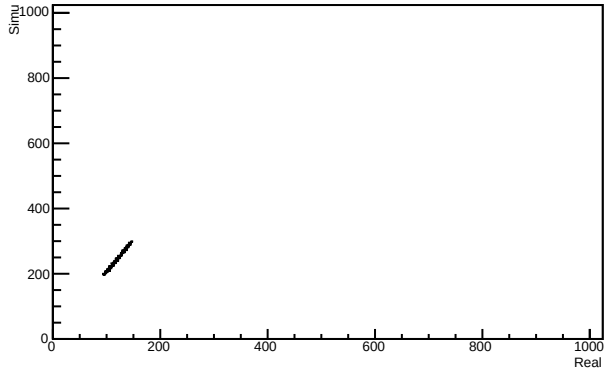

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1999998
979157
974400
20842
25599
East
West


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

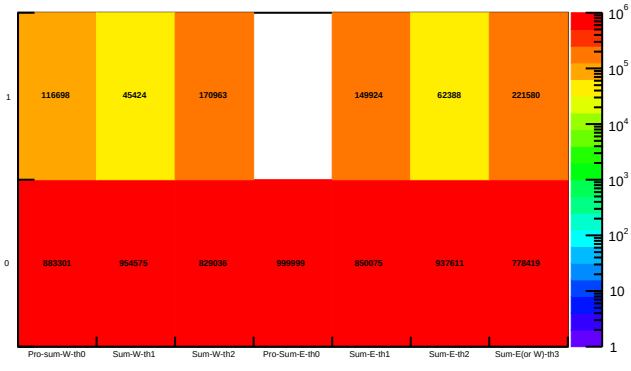
VT201 Input Ch2: ZDC Tac Diff



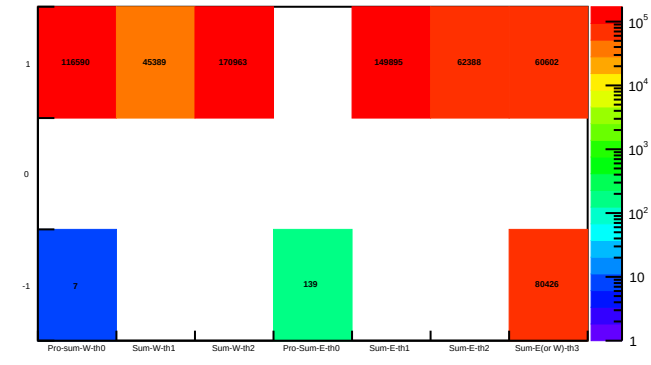
VT201 Input Ch2: ZDC Tac Diff



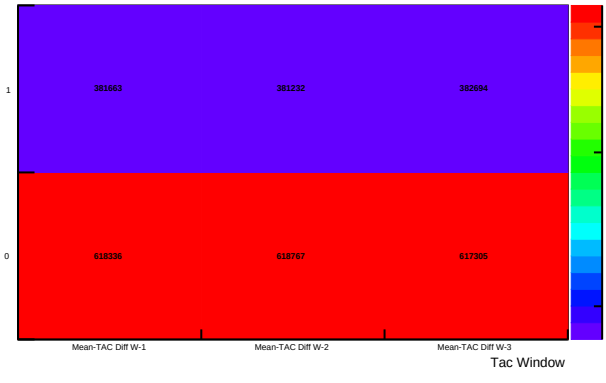
VT201 Input Ch2: ZDC Adc Sum Th



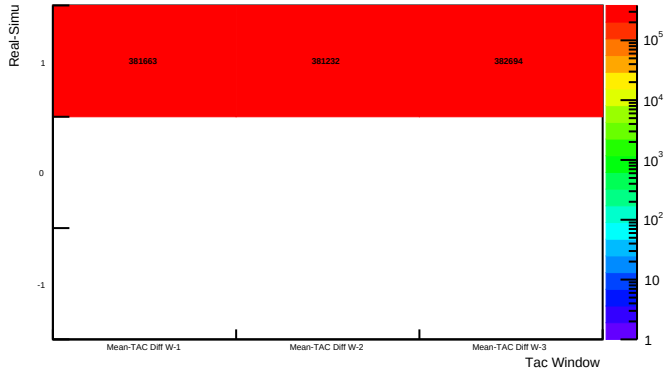
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



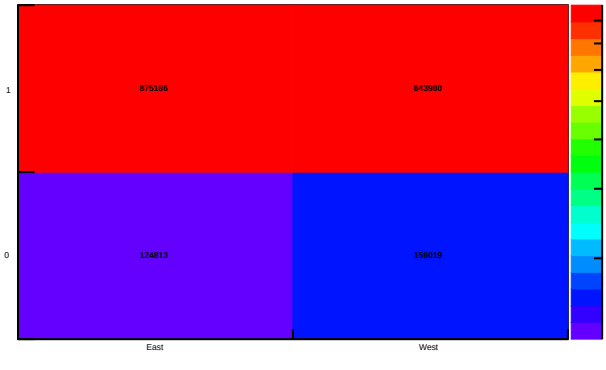
VT201 Input Ch4: VPD Tac Diff



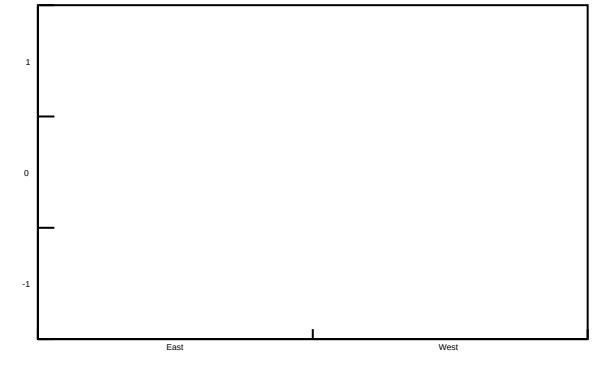
VT201 Input Ch4: VPD Tac Diff

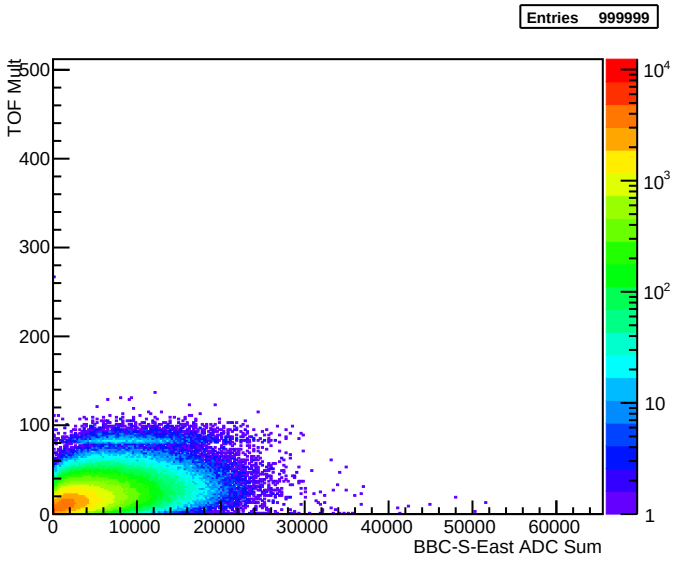


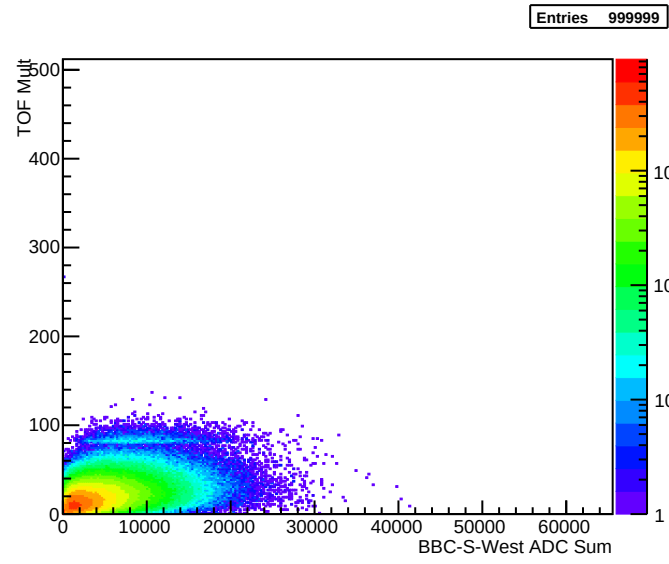
VT201 Input Ch4: VPD Adc Sum Th

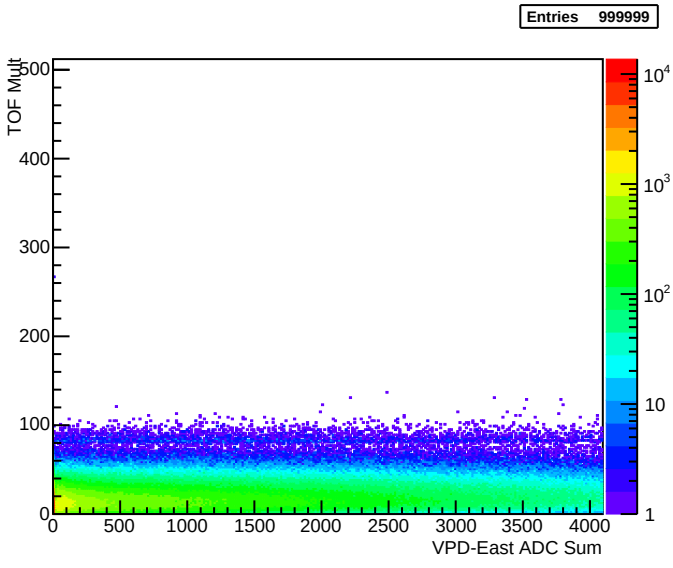


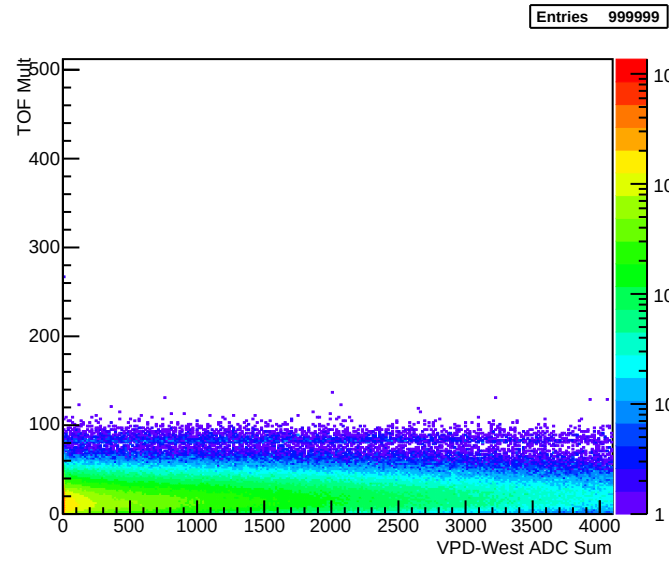
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

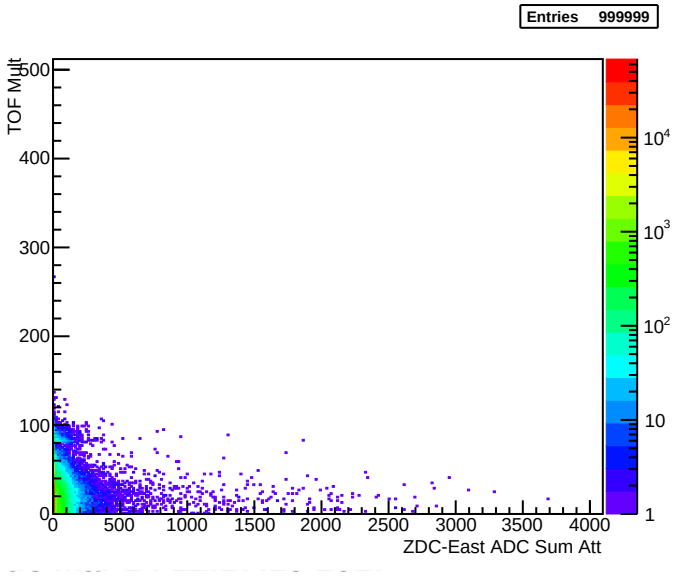


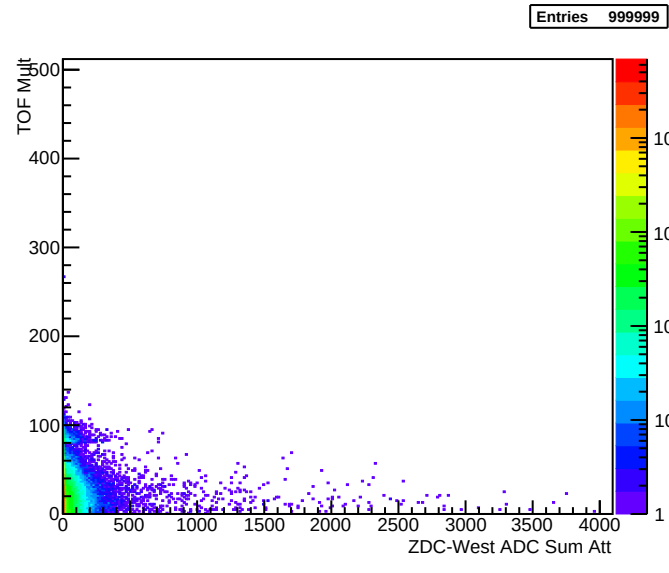

Entries 999999
TOF Mult
BBC-S-East ADC Sum

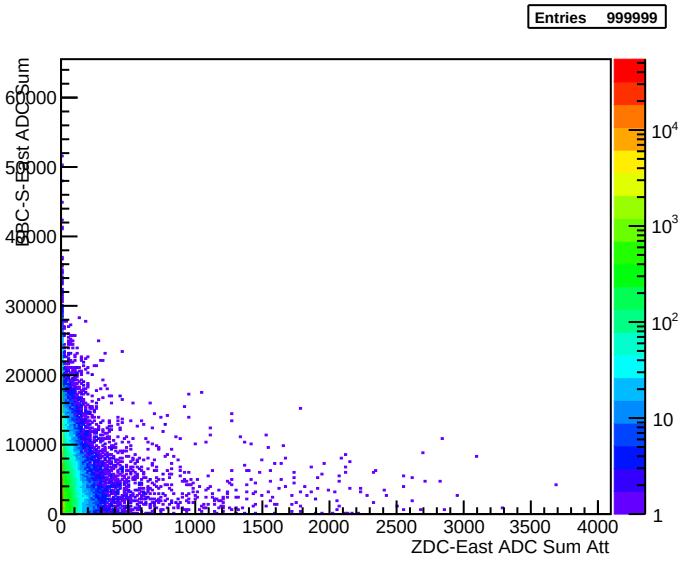

Entries 999999
TOF Mult
BBC-S-West ADC Sum

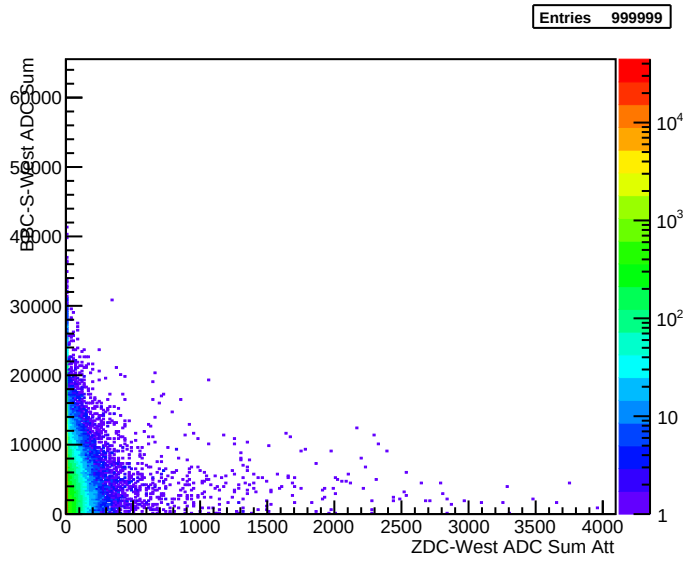

Entries 999999
TOF Mult
VPD-East ADC Sum

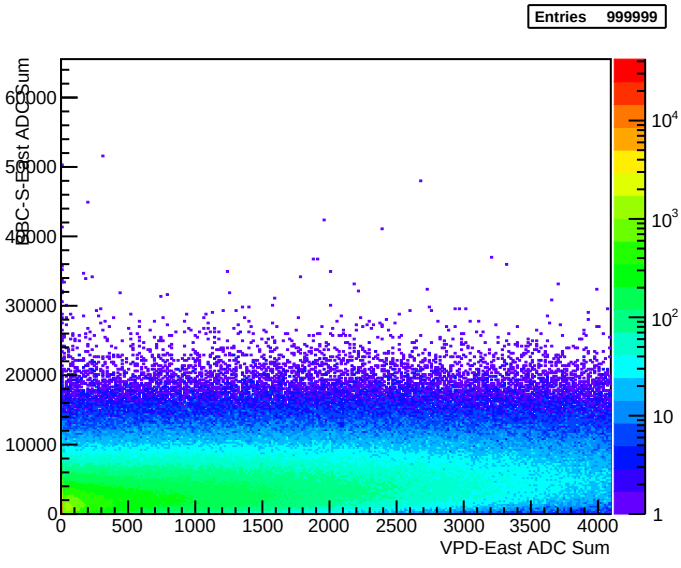

Entries 999999
TOF Mult
VPD-West ADC Sum

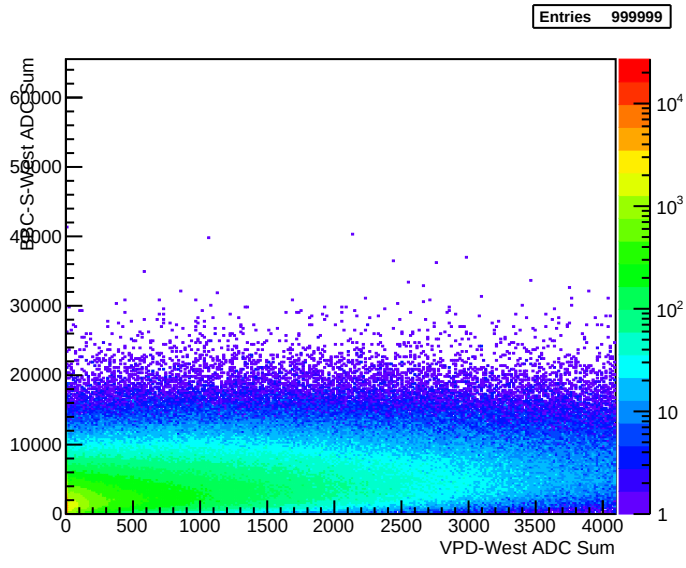

Entries 999999
TOF Mult
ZDC-East ADC Sum Att

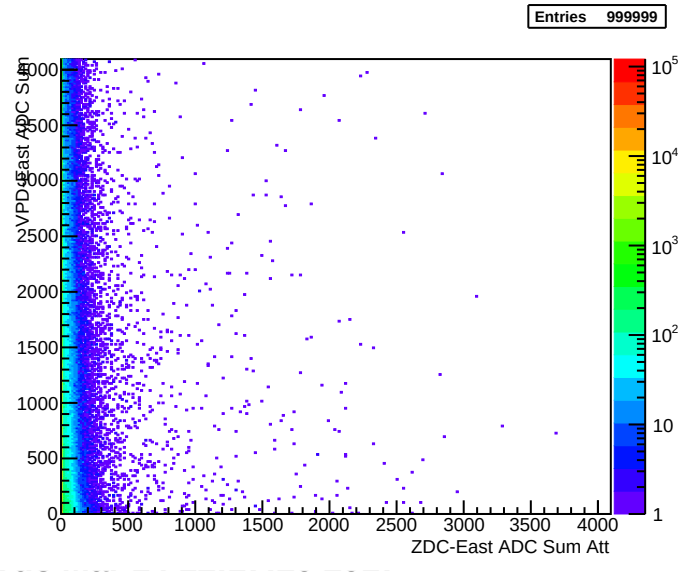

Entries 999999
TOF Mult
ZDC-West ADC Sum Att

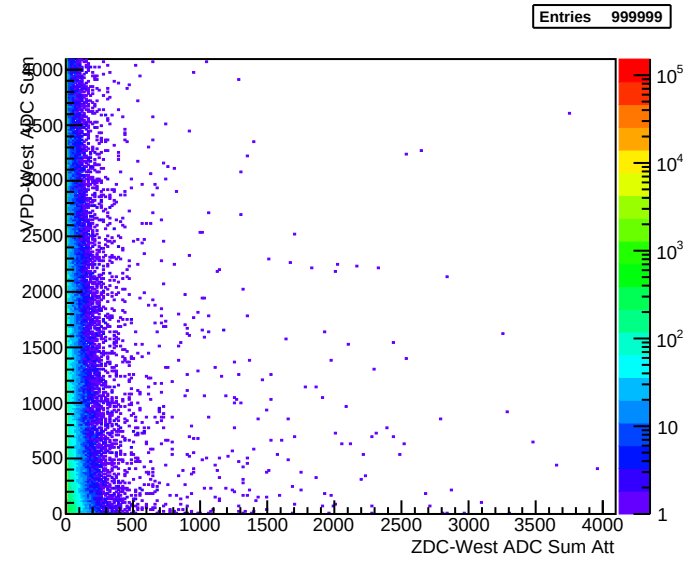

Entries 999999
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

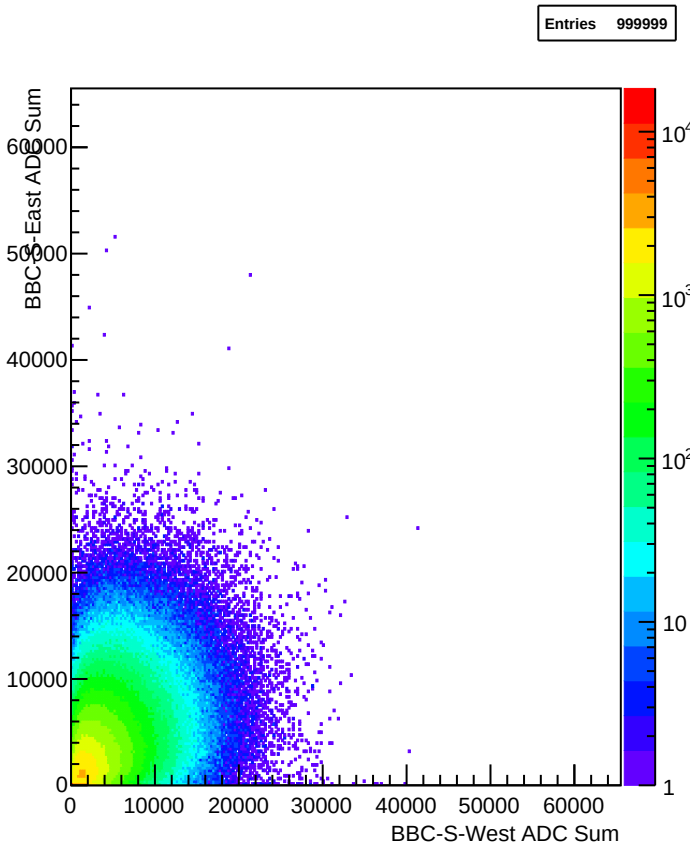

Entries 999999
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

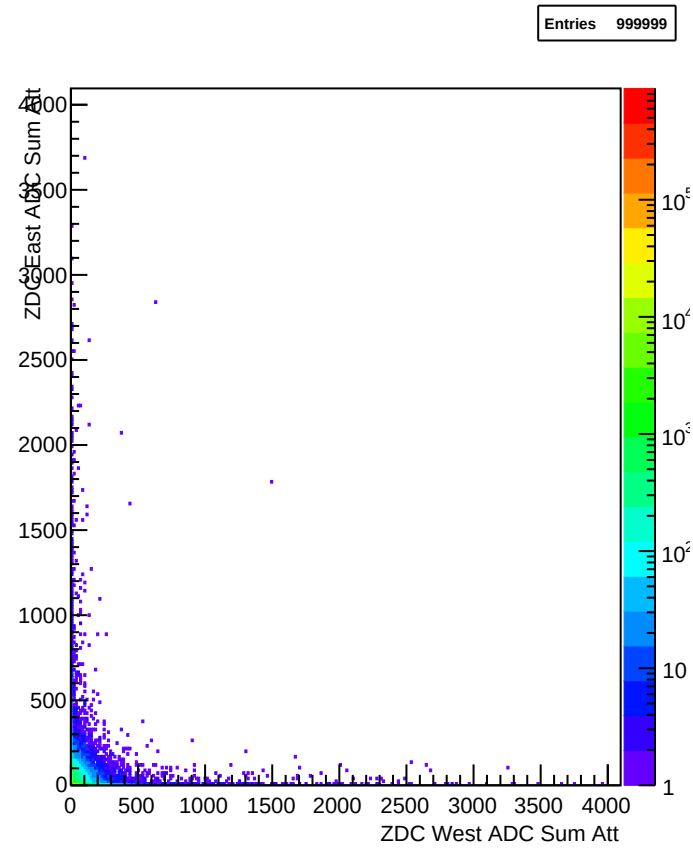

Entries 999999
BBC-S-East ADC Sum
VPD-East ADC Sum

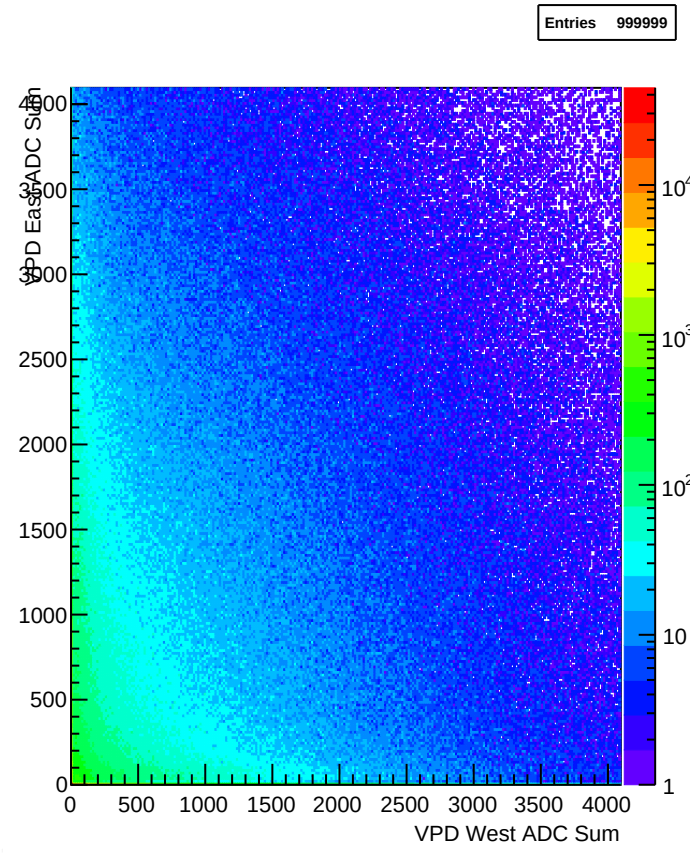

Entries 999999
BBC-S-West ADC Sum
VPD-West ADC Sum

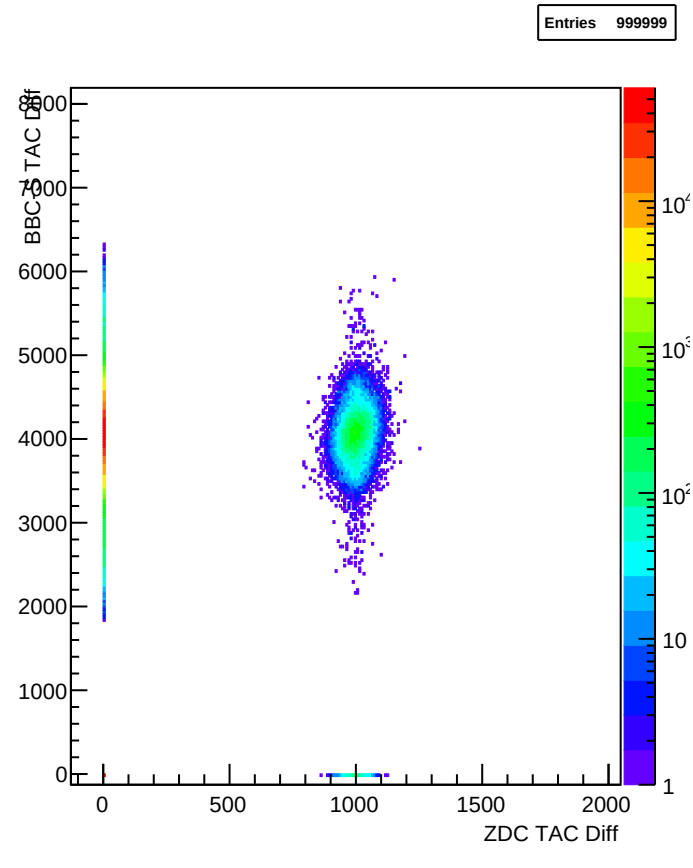

Entries 999999
VPD-East ADC Sum
ZDC-East ADC Sum Att

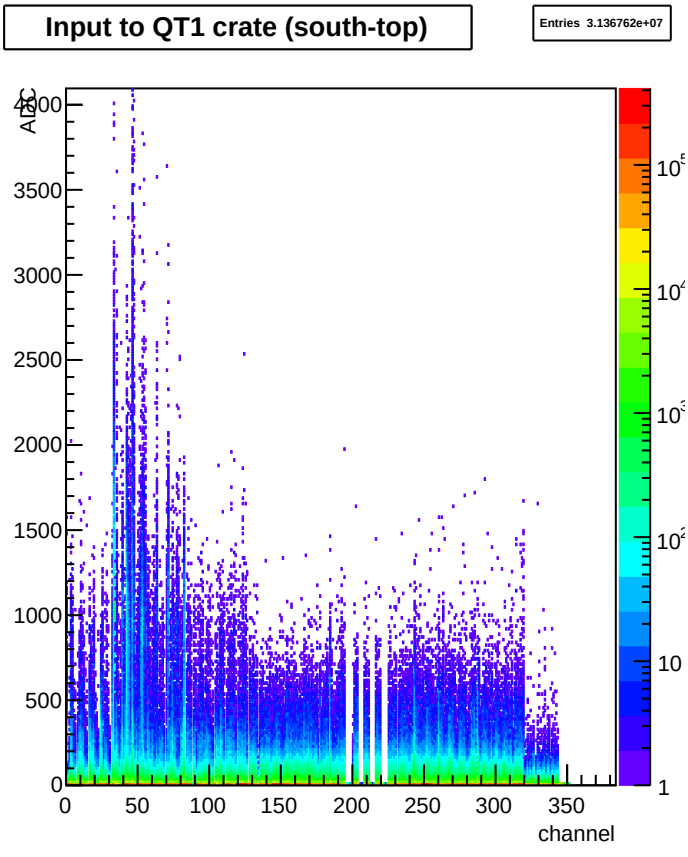

Entries 999999
VPD-West ADC Sum
ZDC-West ADC Sum Att

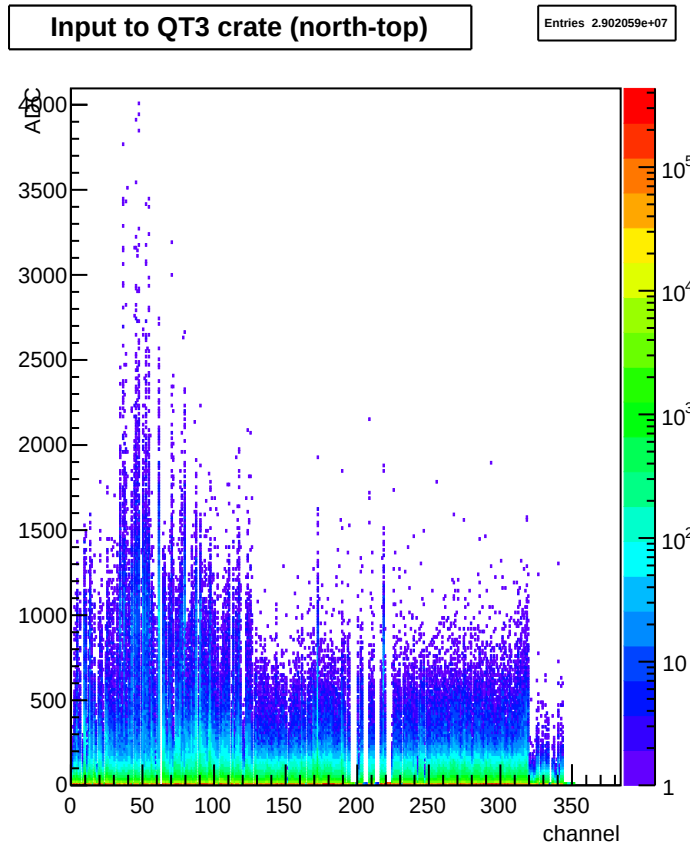

Entries 999999
BBC-S-East ADC Sum
BBC-S-West ADC Sum

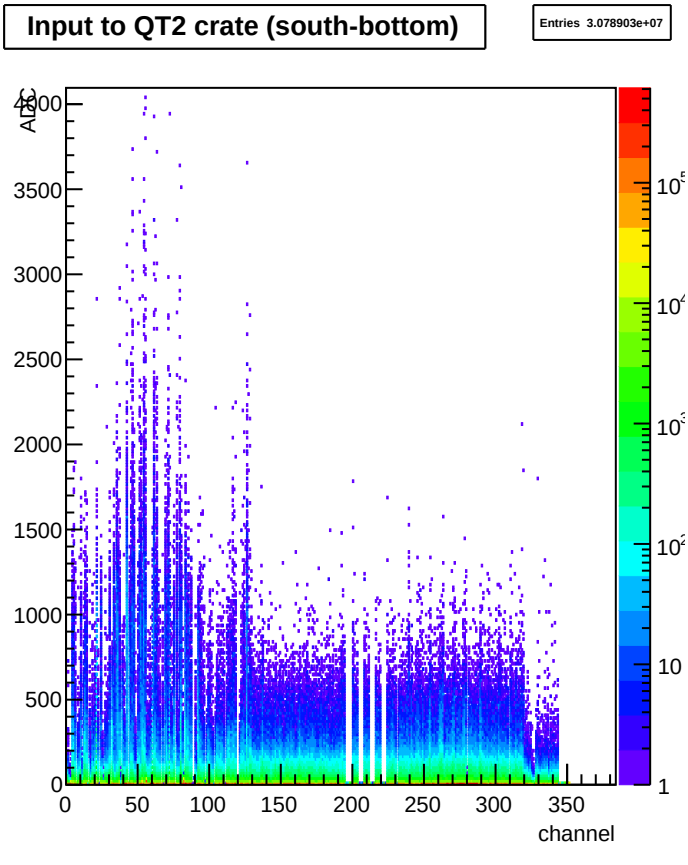

Entries 999999
ZDC East ADC Sum Att
ZDC West ADC Sum Att

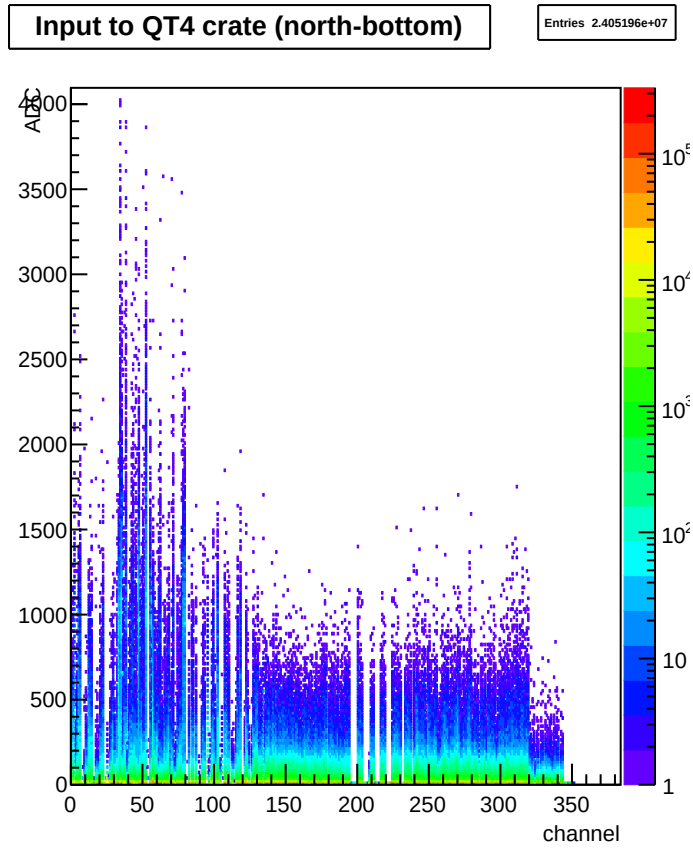

Entries 999999
VPD East ADC Sum
VPD West ADC Sum

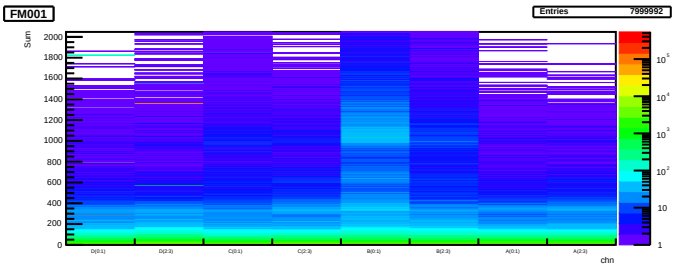

Entries 999999
BBC-S TAC Diff
ZDC TAC Diff

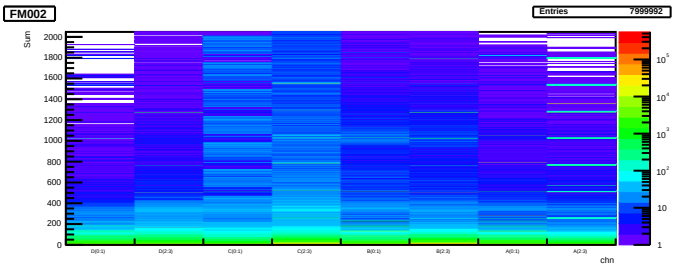

Input to QT1 crate (south-top)
Entries 3.136762e+07
ADC
channel

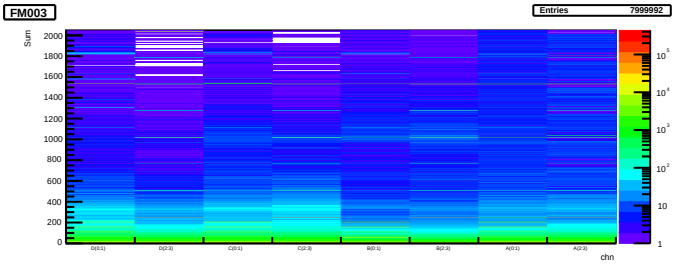

Input to QT3 crate (north-top)
Entries 2.902059e+07
ADC
channel

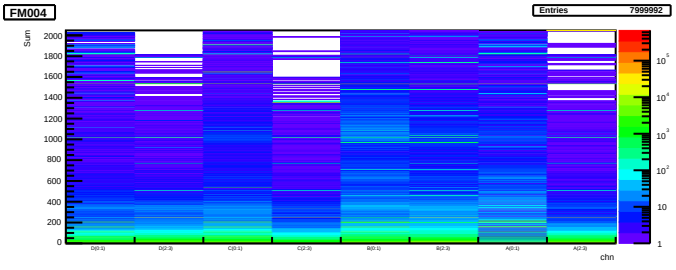

Input to QT2 crate (south-bottom)
Entries 3.078903e+07
ADC
channel

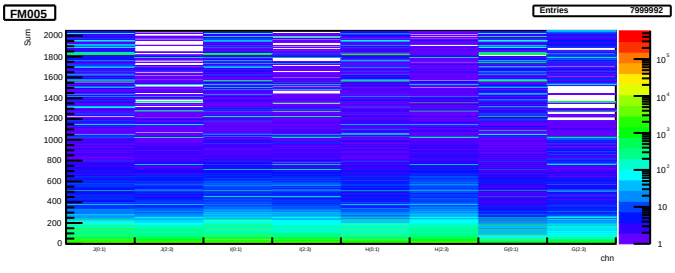

Input to QT4 crate (north-bottom)
Entries 2.405196e+07
ADC
channel

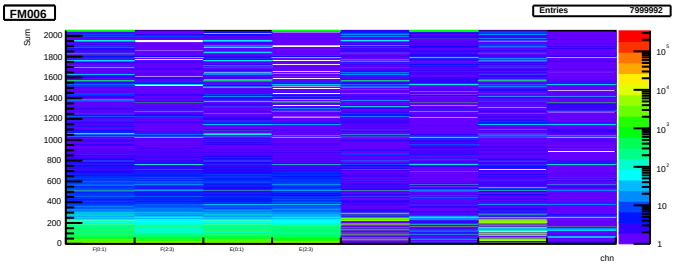

FM001
Entries 7999992
Sum
chn

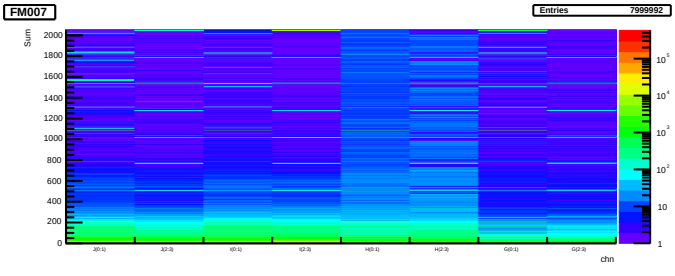

FM002
Entries 7999992
Sum
chn

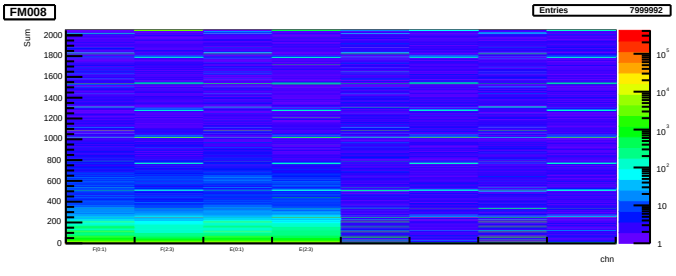

FM003
Entries 7999992
Sum
chn

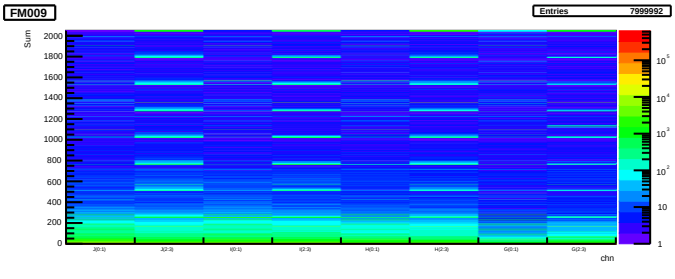

FM004
Entries 7999992
Sum
chn


FM005
Entries 7999992
Sum
chn


FM006
Entries 7999992
Sum
chn


FM007
Entries 7999992
Sum
chn


FM008
Entries 7999992
Sum
chn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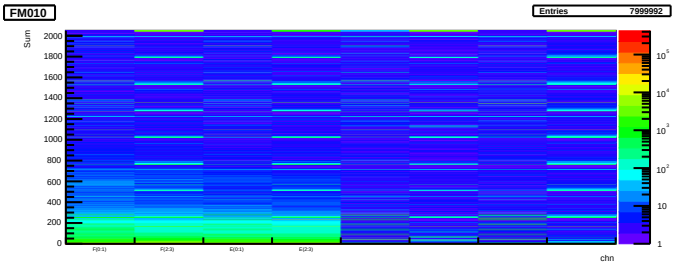
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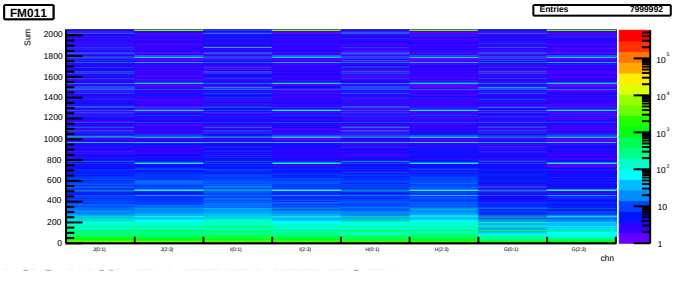
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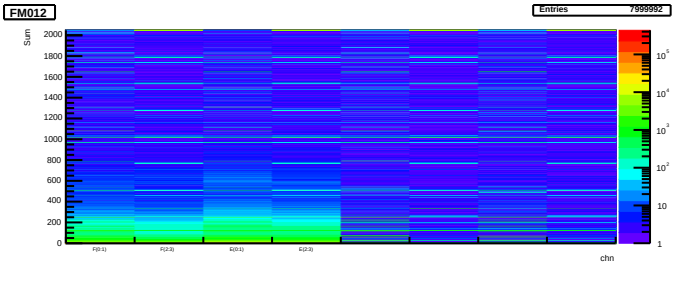
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Entries 7999992
Sum
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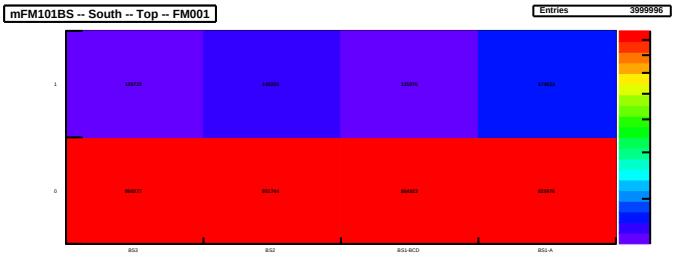
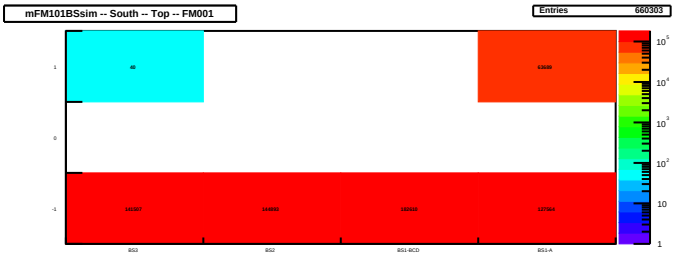

mFM101BS -- South -- Top -- FM001
Entries 3999996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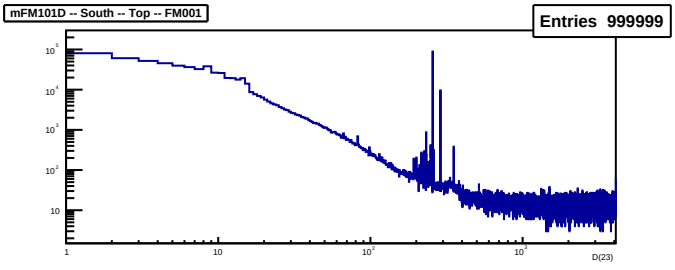
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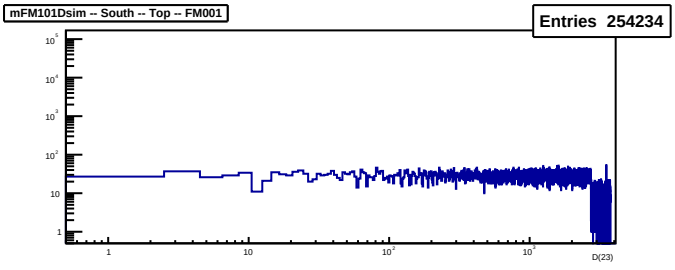
Entries 999999
D(23)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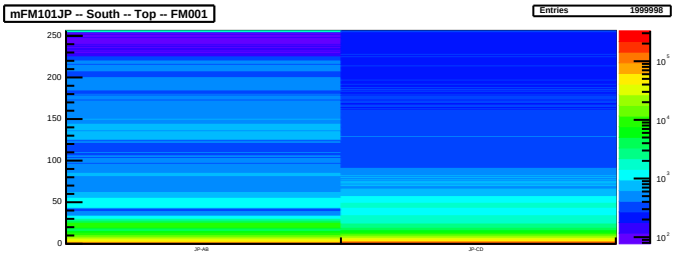
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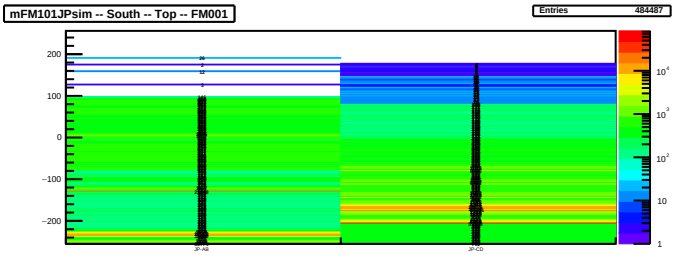
Entries 1999998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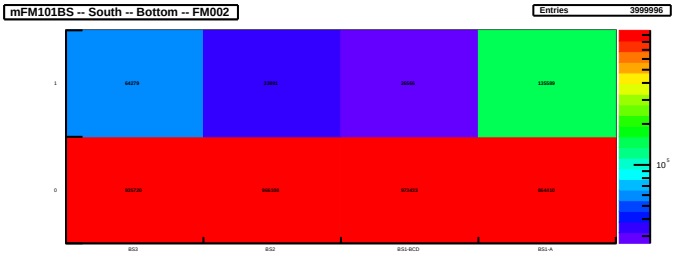
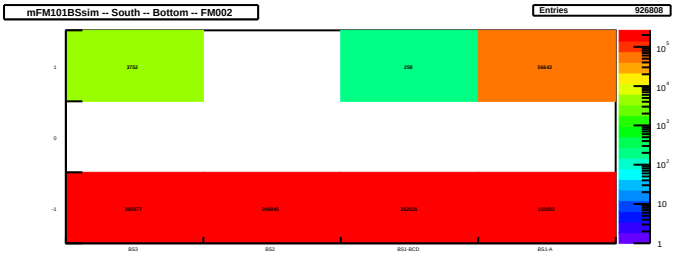

mFM101BS -- South -- Bottom -- FM002
Entries 3999996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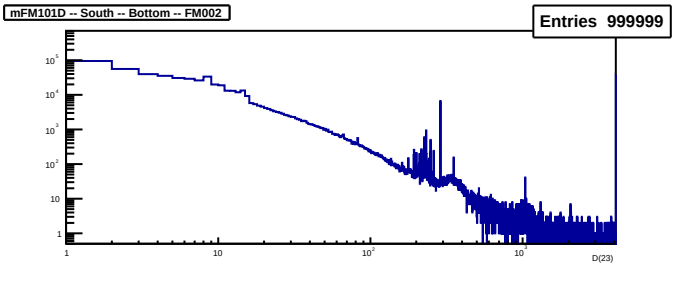
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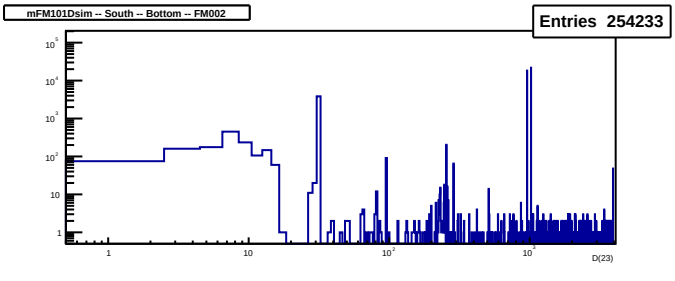
Entries 999999
D(23)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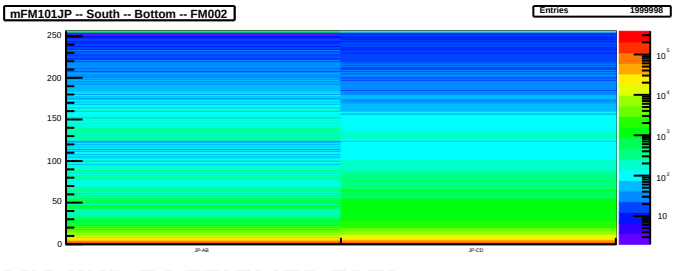
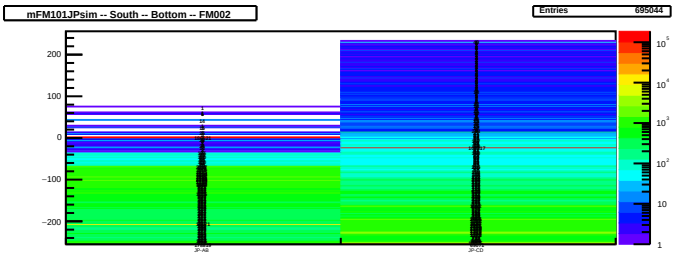
Entries 254233
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 1999998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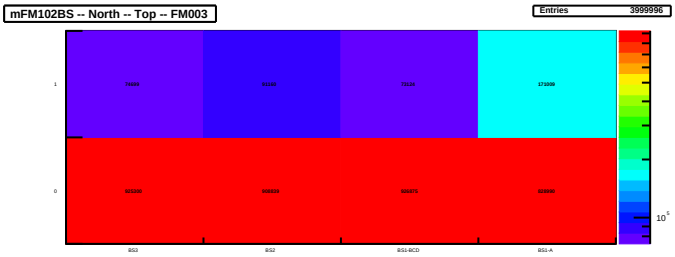
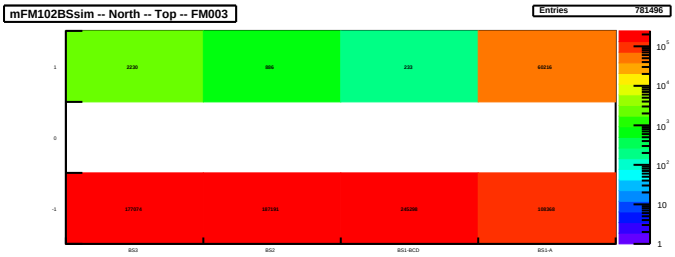
Entries 695044


mFM102BS -- North -- Top -- FM003
Entries 3999996
BS3
BS2
BS1-BCD
BS1-A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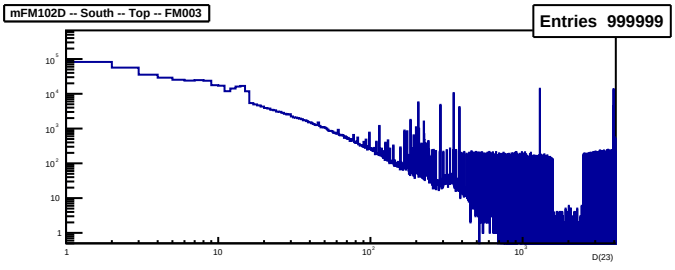
BS3
BS2
BS1-BCD
BS1-A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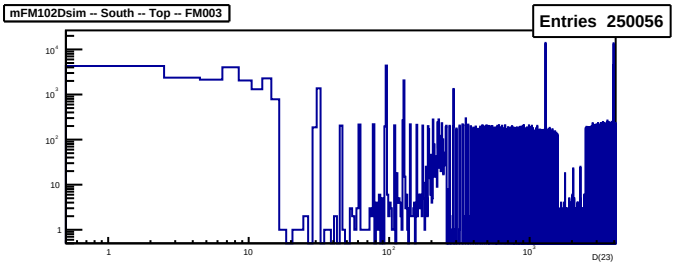
Entries 999999
D(23)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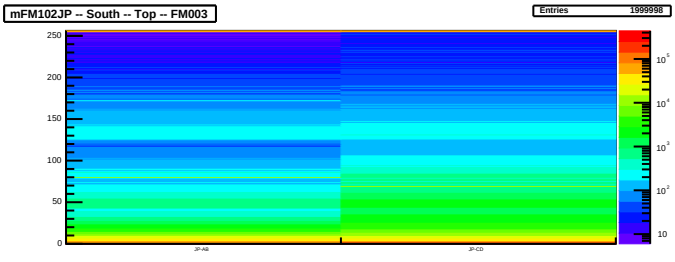
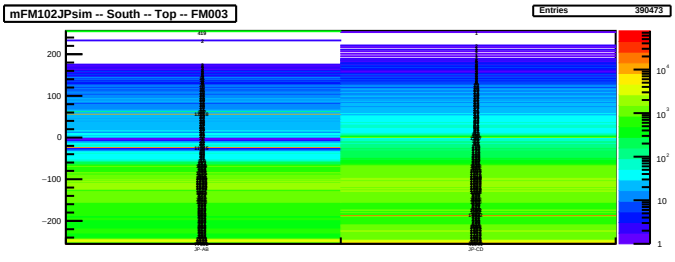
D(23)


mFM102JP -- South -- Top -- FM003
Entries 1999998
JP-AB
JP-CD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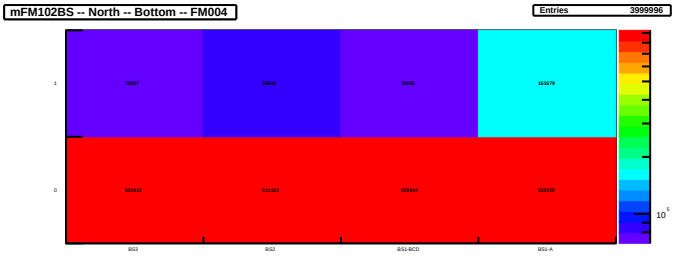
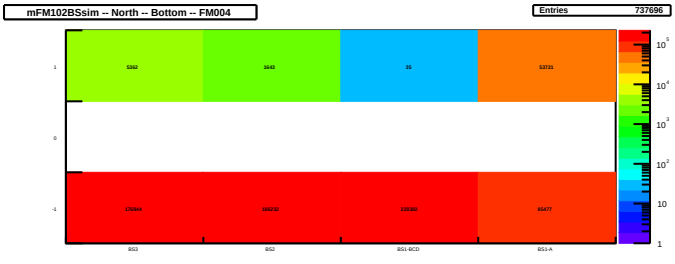
Entries 390473
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 3999996
BS3
BS2
BS1-BCD
BS1-A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BS3
BS2
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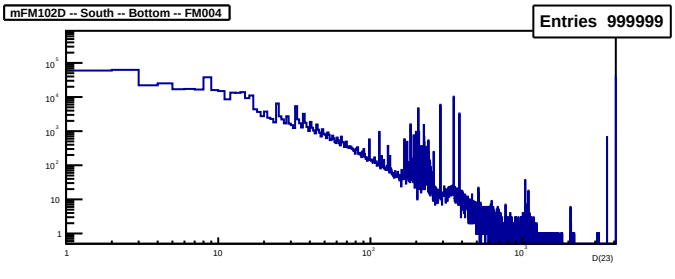
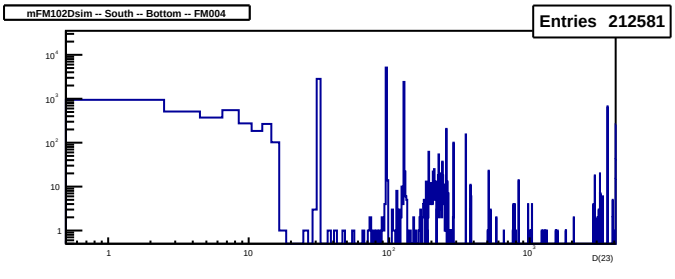
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 999999
D(23)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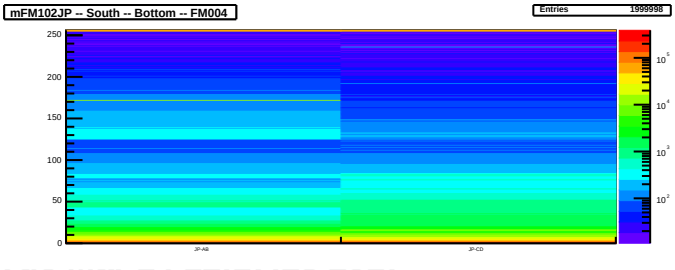
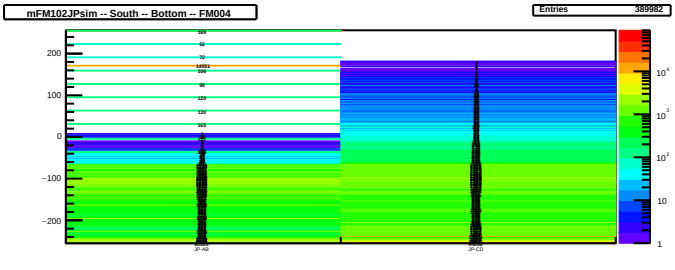
Entries 212581
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 1999998
JP-AB
JP-CD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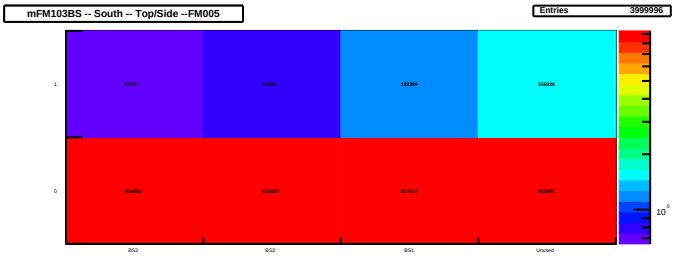
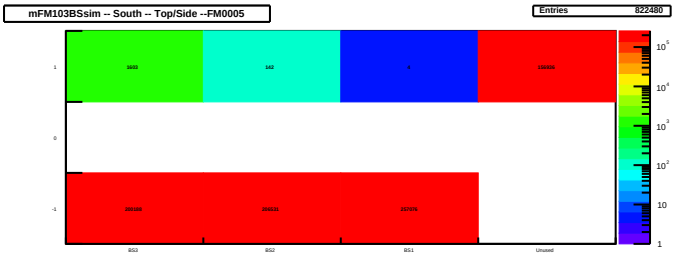
Entries 389982
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 3999996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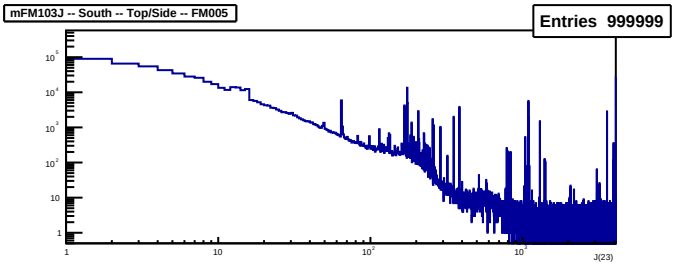
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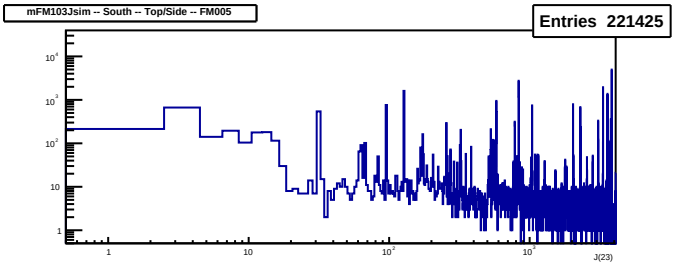
Entries 999999
J(23)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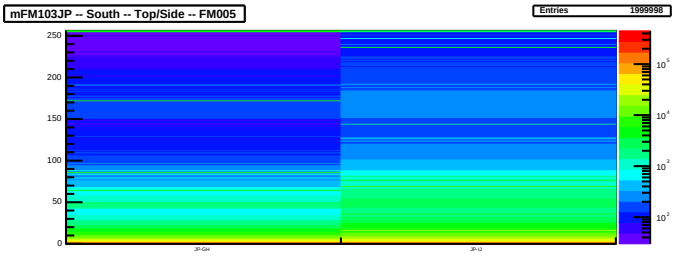
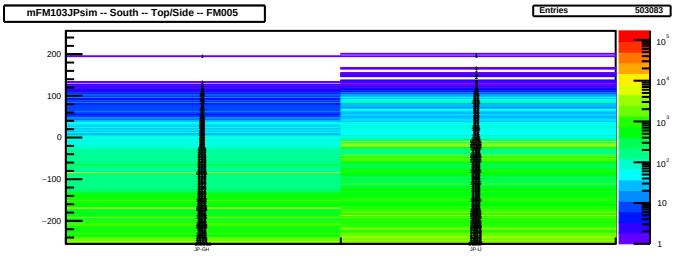
Entries 221425
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 1999998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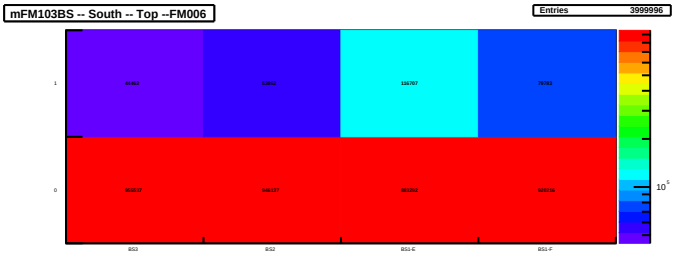
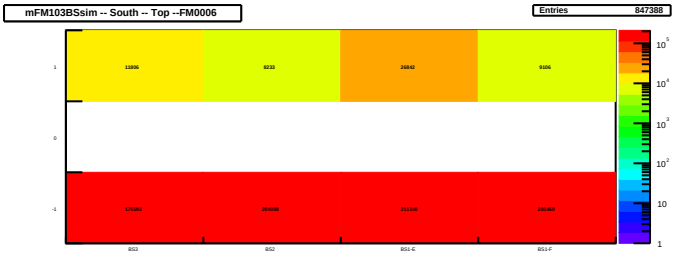
Entries 503083


mFM103BS -- South -- Top --FM006
Entries 3999996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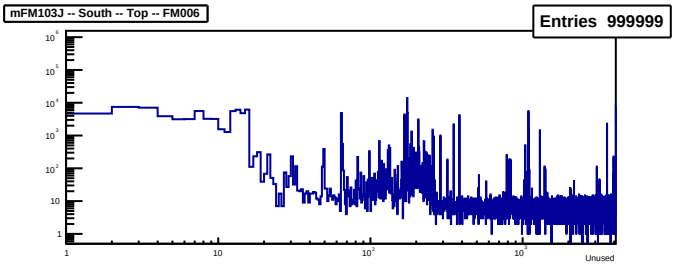
Entries 847388


mFM103J -- South -- Top -- FM006
Entries 999999
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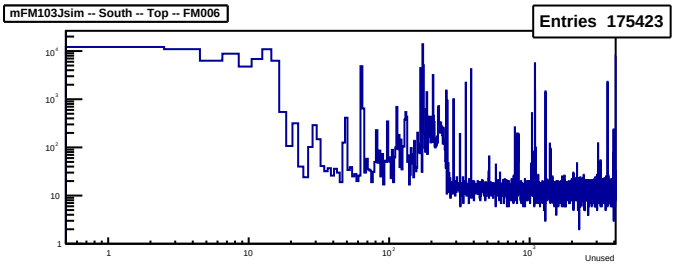
mFM103Jsim -- South -- Top -- FM006
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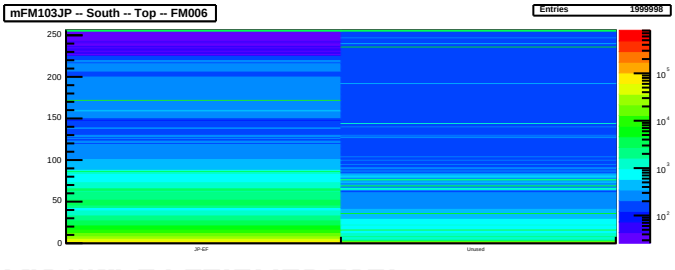
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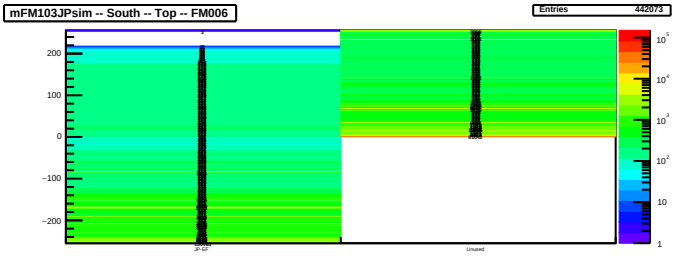
Entries 1999998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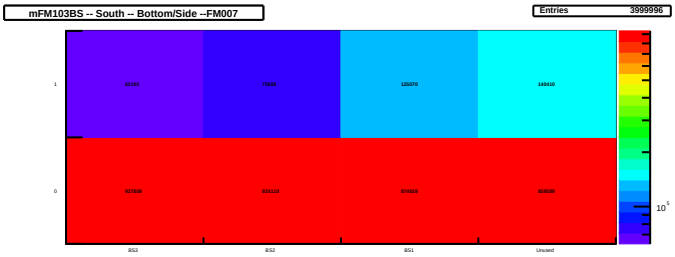
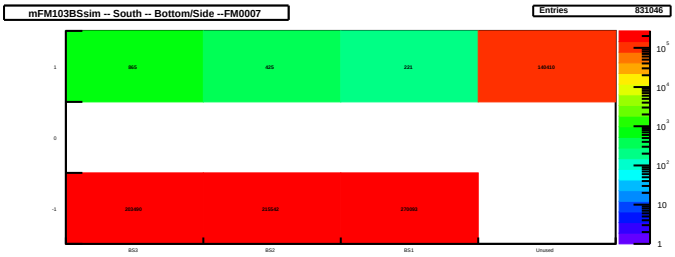

mFM103BS -- South -- Bottom/Side --FM007
Entries 3999996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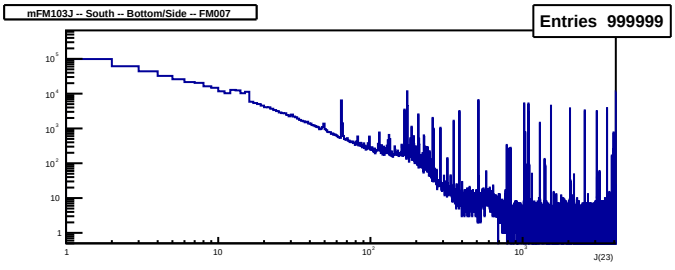
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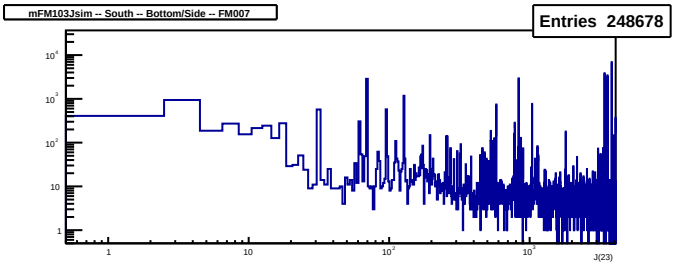
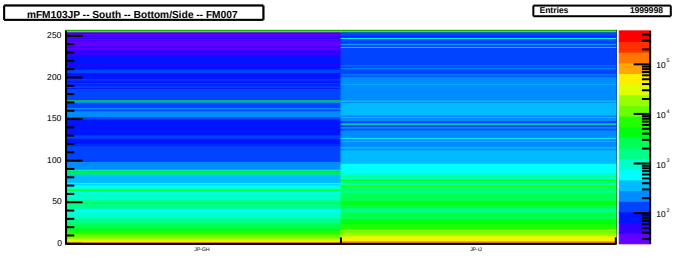
J(23)


mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 248678
J(23)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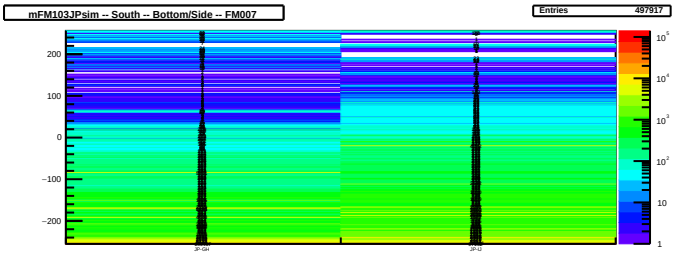
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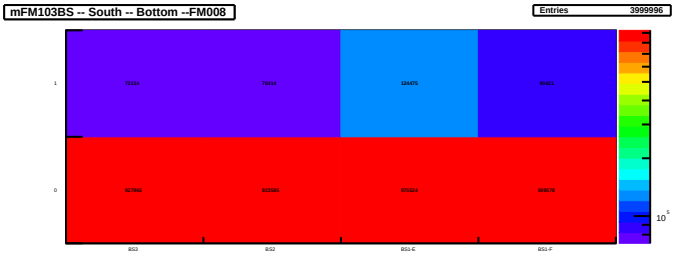
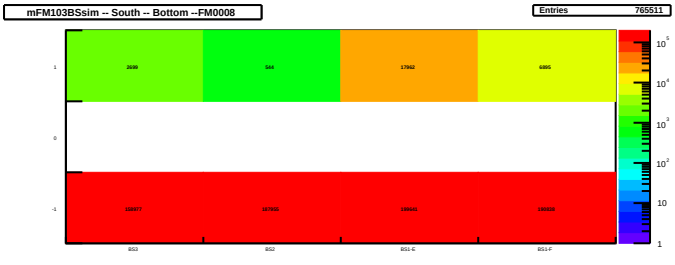
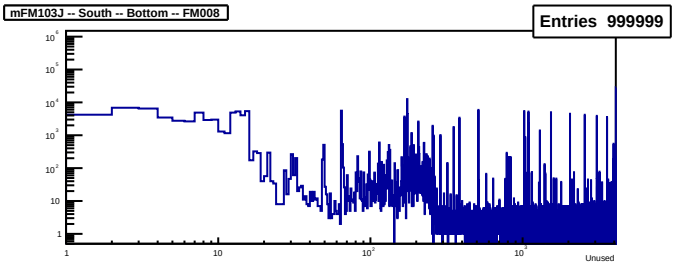

mFM103BS -- South -- Bottom --FM008
Entries 3999996


mFM103BSsim -- South -- Bottom --FM0008
Entries 765511


mFM103J -- South -- Bottom -- FM008
Entries 999999
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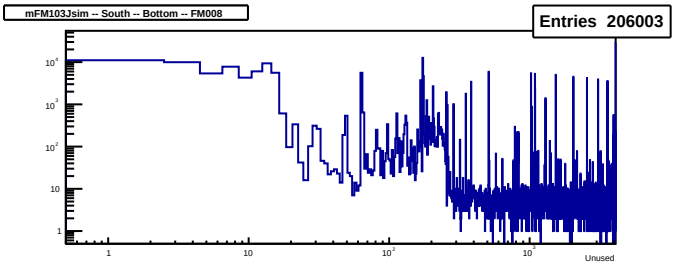
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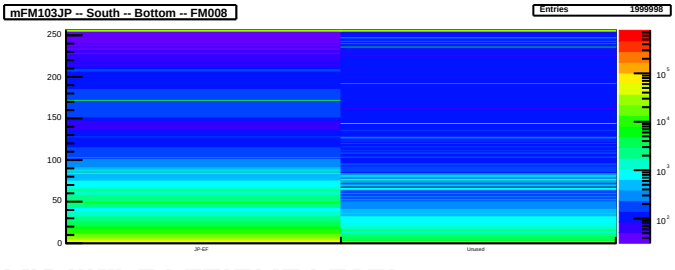
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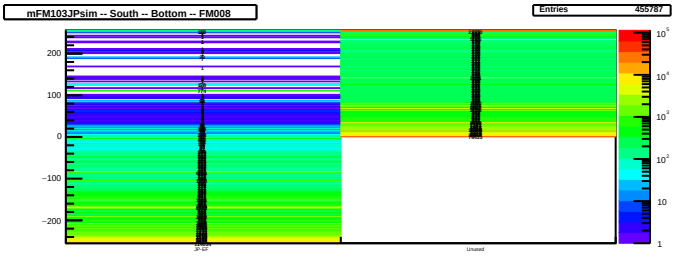
Entries 1999998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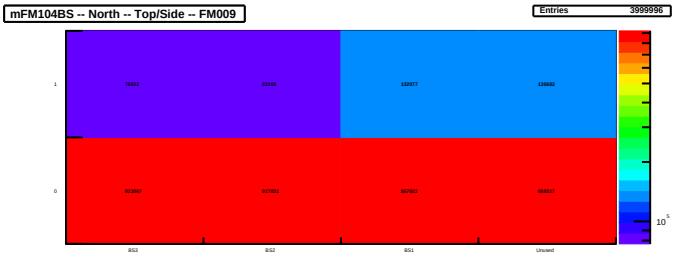
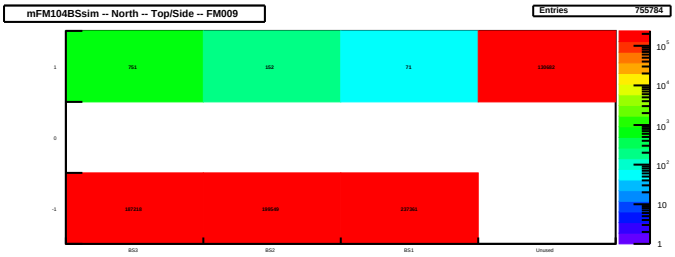
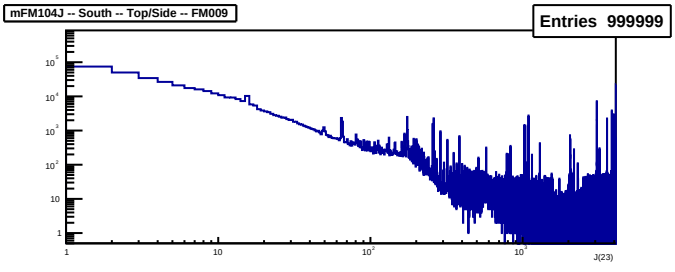
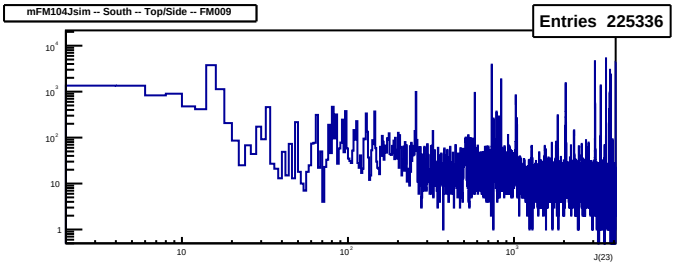

mFM104BS -- North -- Top/Side -- FM009
Entries 3999996


mFM104BSsim -- North -- Top/Side -- FM009
Entries 755784


mFM104J -- South -- Top/Side -- FM009
Entries 999999
J(23)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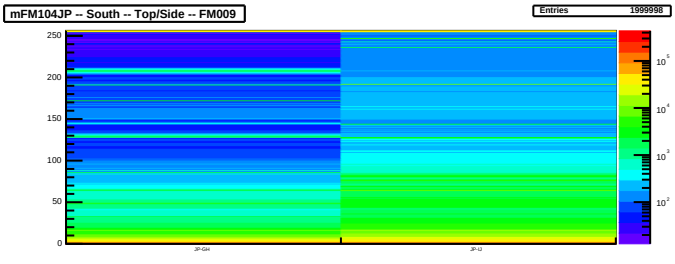
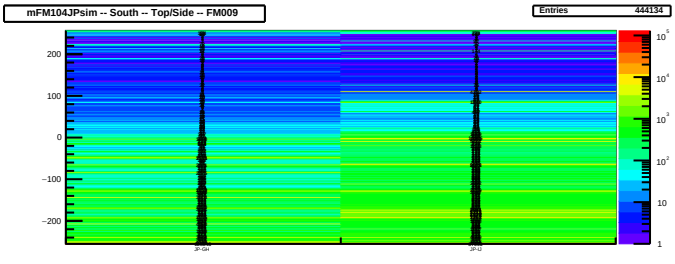
Entries 225336
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1999998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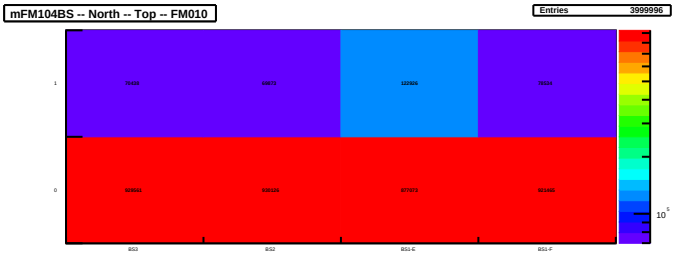
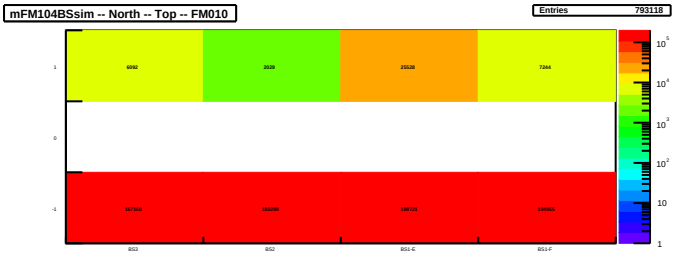
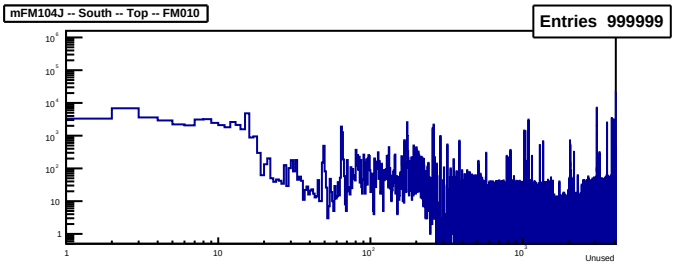
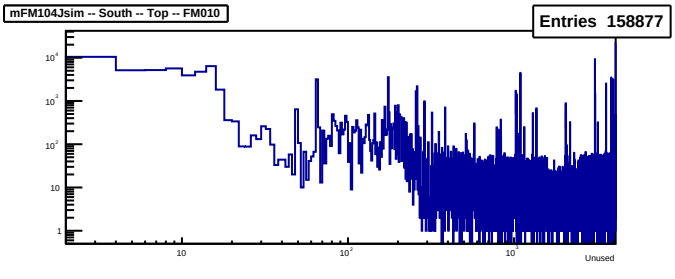
Entries 444134


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


mFM104BSsim -- North -- Top -- FM010
Entries 793118


mFM104J -- South -- Top -- FM010
Entries 999999
Unused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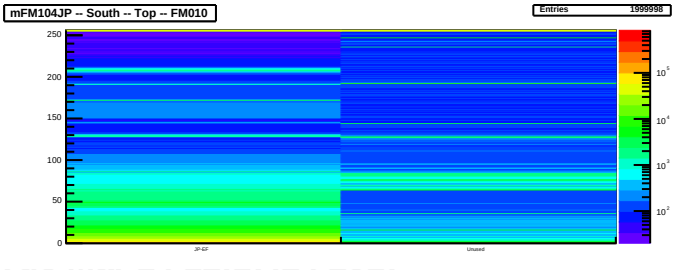
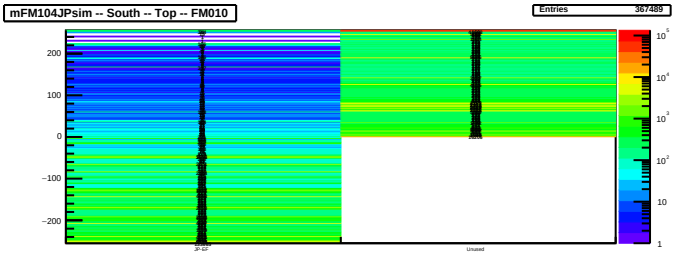
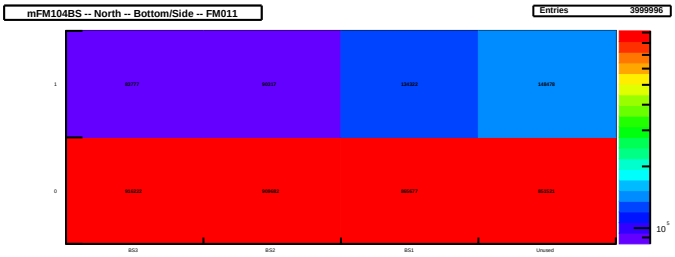
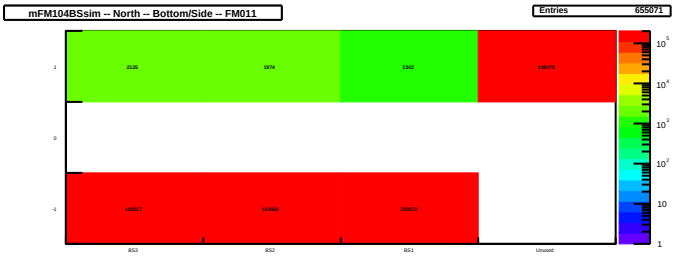
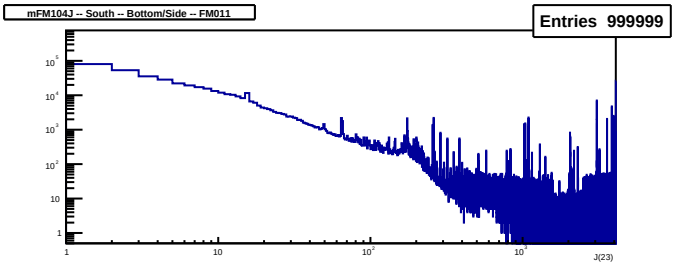
Entries 158877
Unused

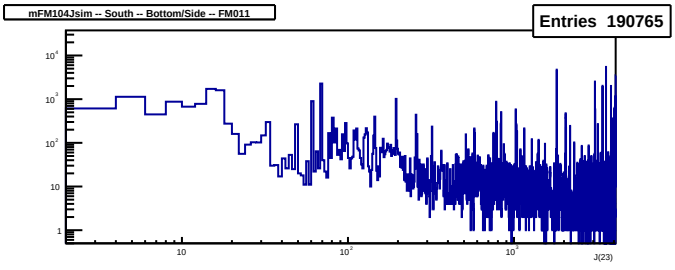

mFM104JP -- South -- Top -- FM010
Entries 1999998

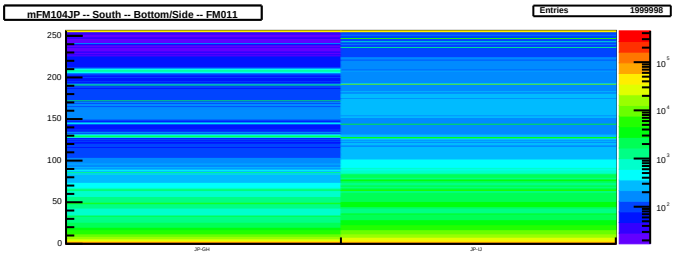

mFM104JPsim -- South -- Top -- FM010
Entries 367489

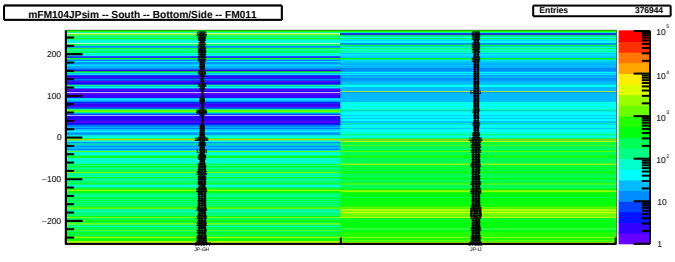

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3999996

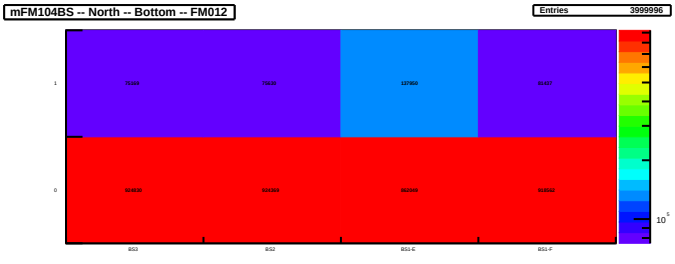

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 655071

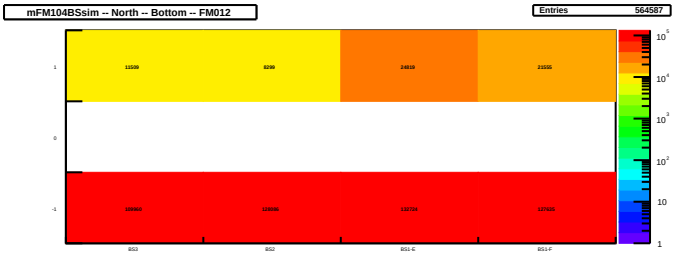

mFM104J -- South -- Bottom/Side -- FM011
Entries 999999
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 190765
J(23)


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


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 376944


mFM104BS -- North -- Bottom -- FM012
Entries 3999996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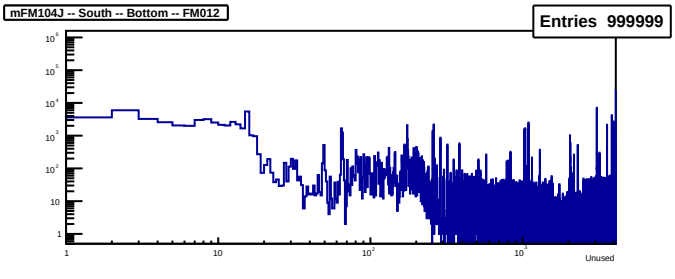
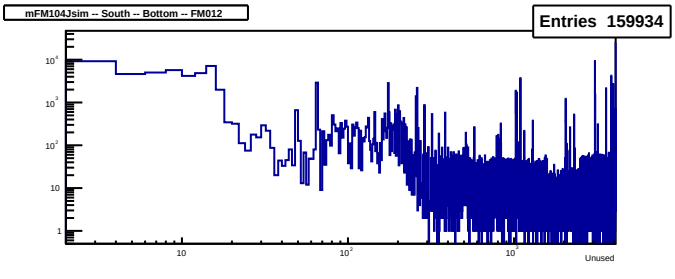
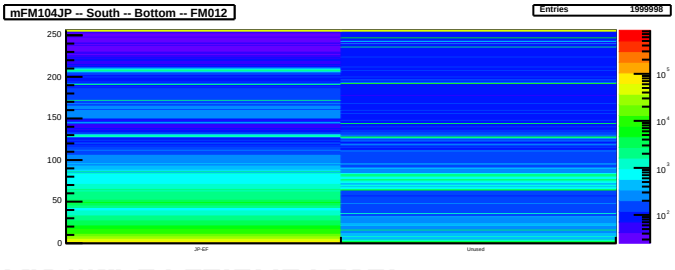
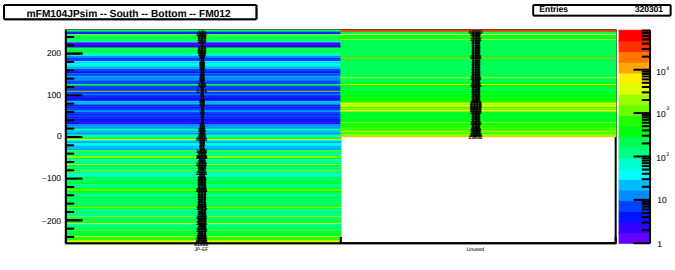
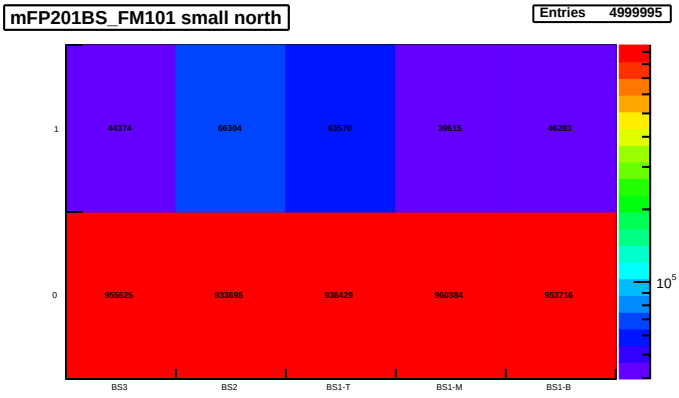
Entries 564587

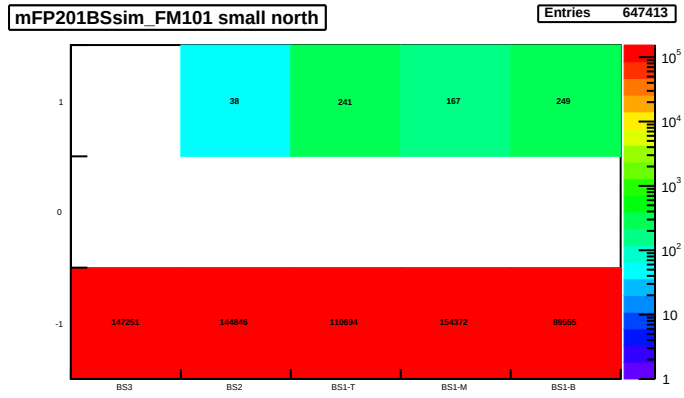

mFM104J -- South -- Bottom -- FM012
Entries 999999
Unused

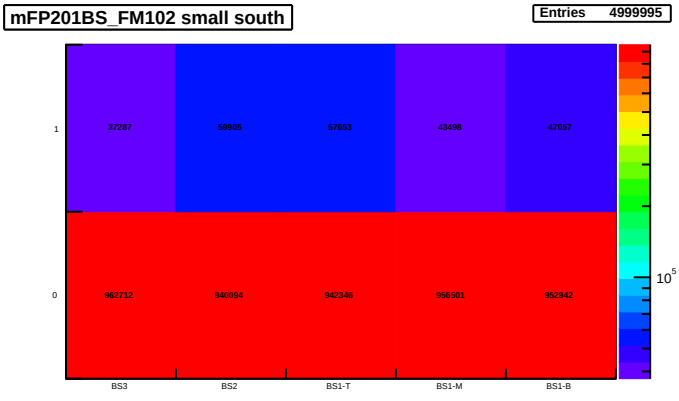

mFM104Jsim -- South -- Bottom -- FM012
Entries 159934
Unused

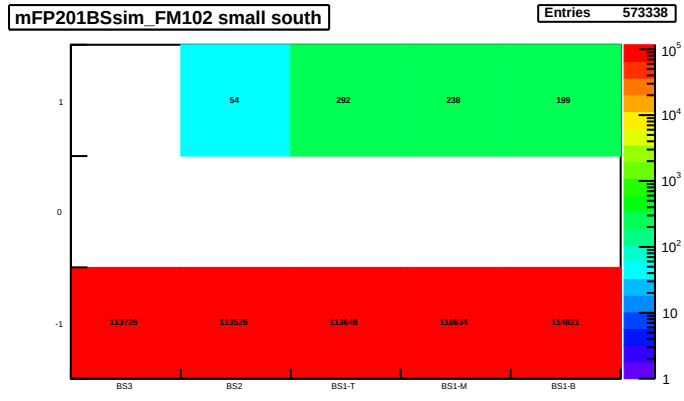

mFM104JP -- South -- Bottom -- FM012
Entries 1999998

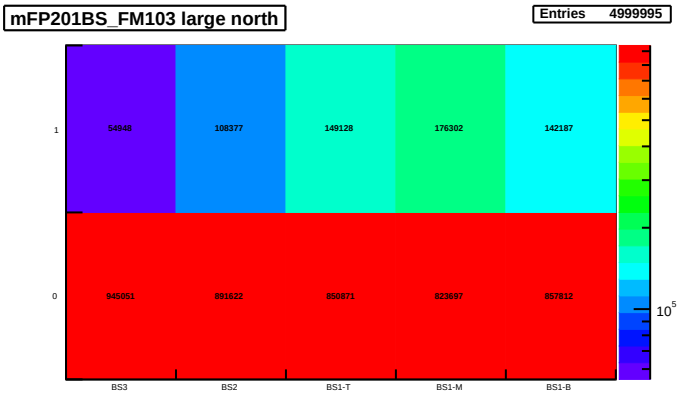

mFM104JPsim -- South -- Bottom -- FM012
Entries 320301

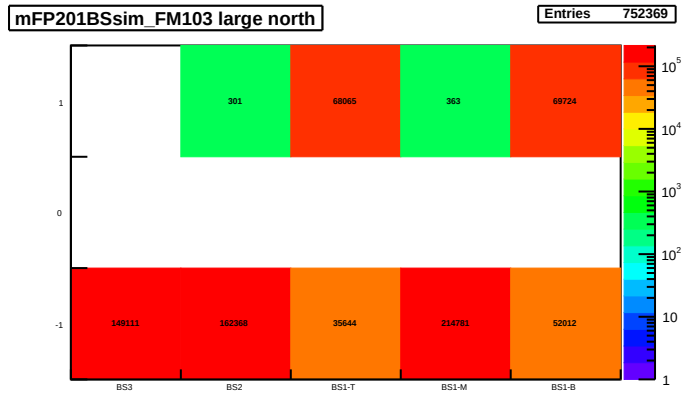

mFP201BS_FM101 small north
Entries 4999995
44374
66304
63570
39615
46283
955625
933695
936429
960384
953716
BS3
BS2
BS1-T
BS1-M
BS1-B

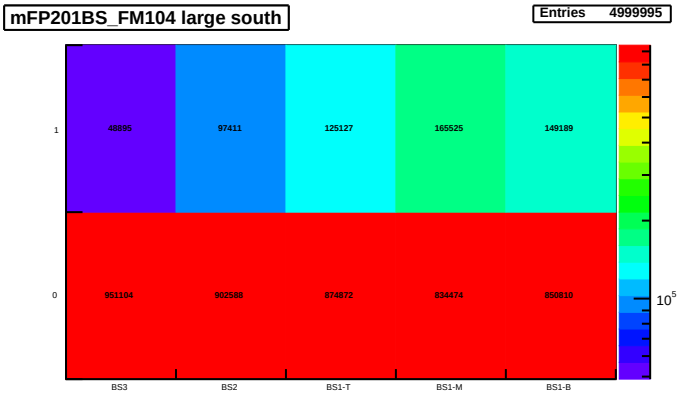

mFP201BSsim_FM101 small north
Entries 647413
38
241
167
249
147251
144846
110694
154372
89555
BS3
BS2
BS1-T
BS1-M
BS1-B

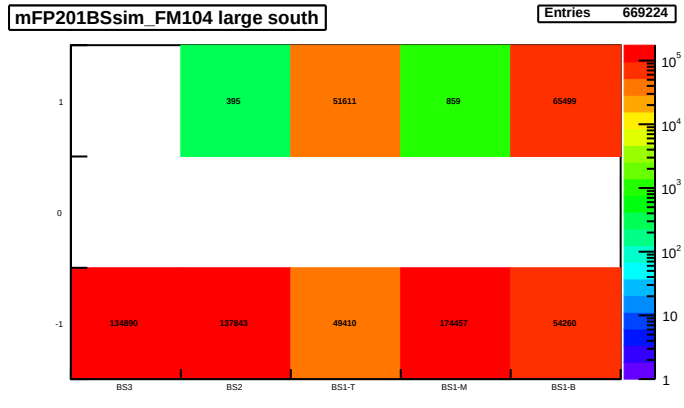

mFP201BS_FM102 small south
Entries 4999995
37287
59905
57653
43498
47057
962712
940094
942346
956501
952942
BS3
BS2
BS1-T
BS1-M
BS1-B

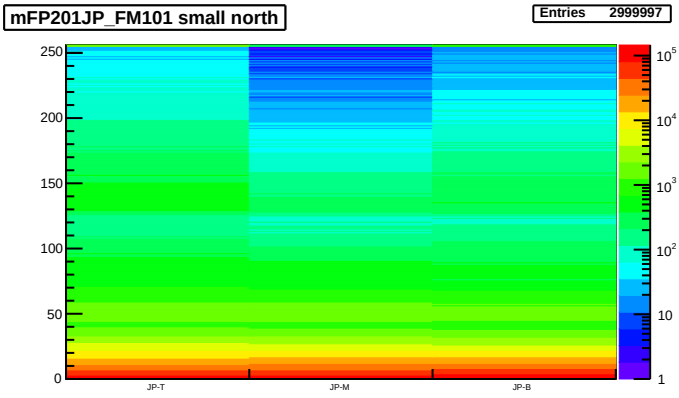

mFP201BSsim_FM102 small south
Entries 573338
54
292
238
199
113726
113526
113648
116834
114821
BS3
BS2
BS1-T
BS1-M
BS1-B

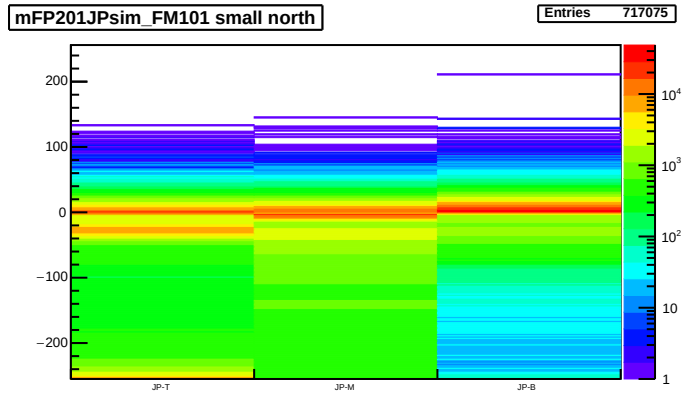

mFP201BS_FM103 large north
Entries 4999995
54948
108377
149128
176302
142187
945051
891622
850871
823697
857812
BS3
BS2
BS1-T
BS1-M
BS1-B

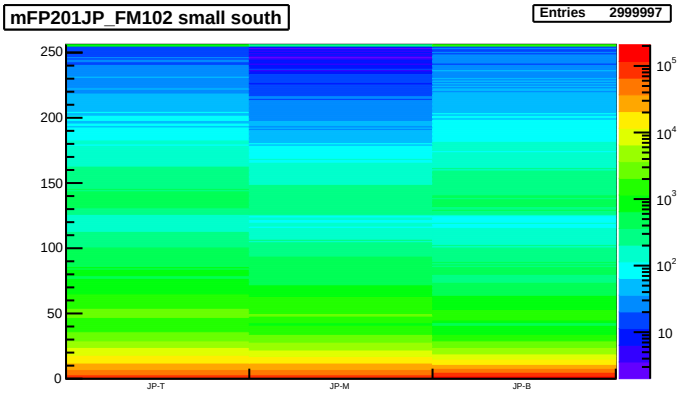

mFP201BSsim_FM103 large north
Entries 752369
301
68065
363
69724
149111
162368
35644
214781
52012
BS3
BS2
BS1-T
BS1-M
BS1-B

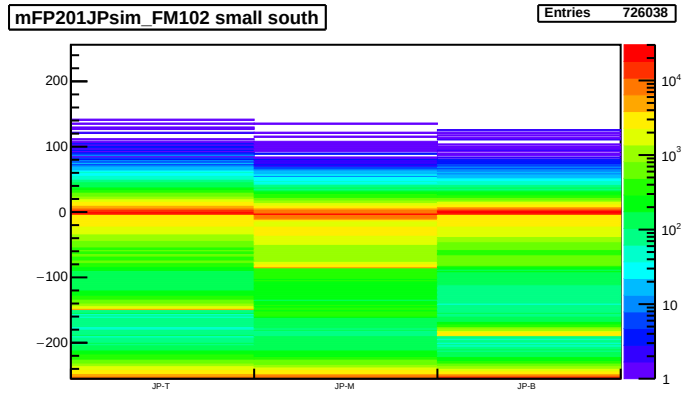

mFP201BS_FM104 large south
Entries 4999995
48895
97411
125127
165525
149189
951104
902588
874872
834474
850810
BS3
BS2
BS1-T
BS1-M
BS1-B

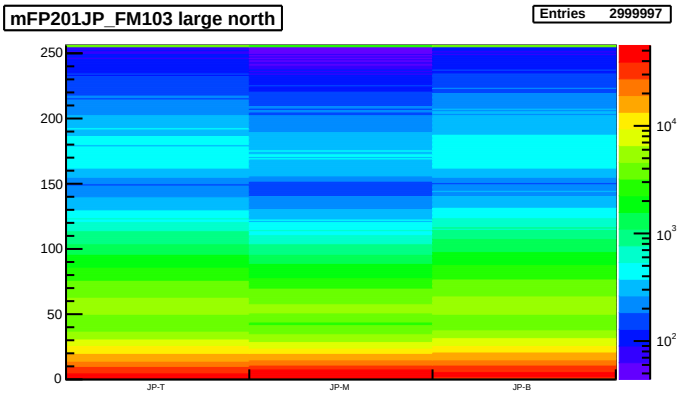

mFP201BSsim_FM104 large south
Entries 669224
395
51611
859
65499
134890
137843
49410
174457
54260
BS3
BS2
BS1-T
BS1-M
BS1-B

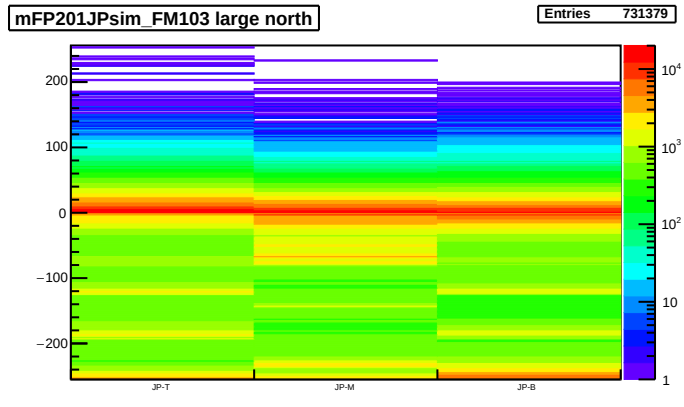

mFP201JP_FM101 small north
Entries 2999997
JP-T
JP-M
JP-B

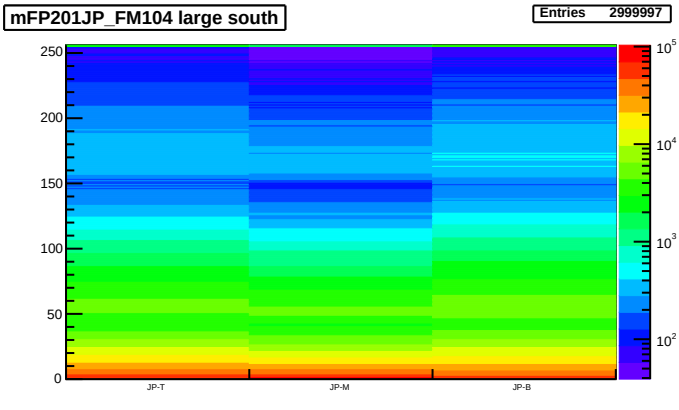

mFP201JPsim_FM101 small north
Entries 717075
JP-T
JP-M
JP-B

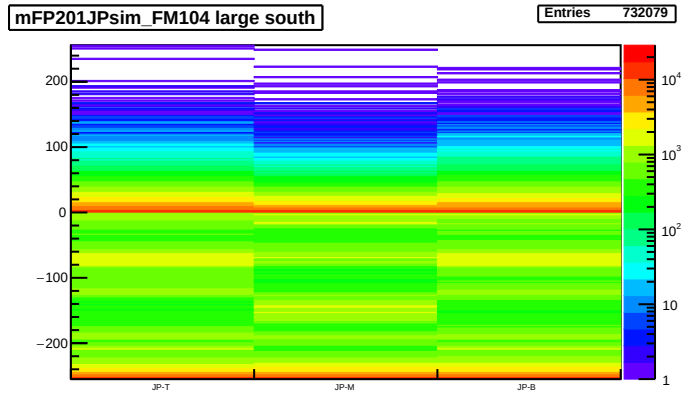

mFP201JP_FM102 small south
Entries 2999997
JP-T
JP-M
JP-B

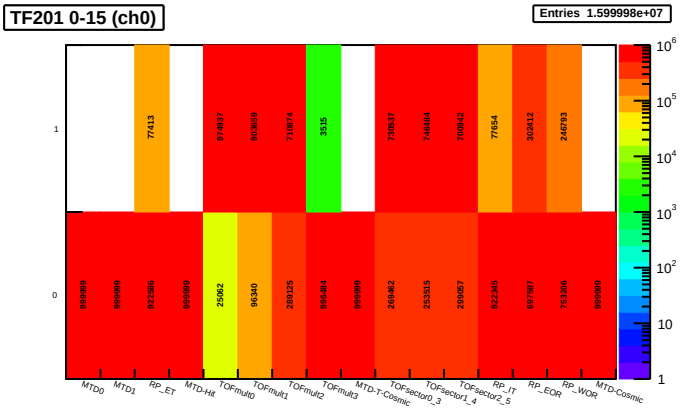

mFP201JPsim_FM102 small south
Entries 726038
JP-T
JP-M
JP-B

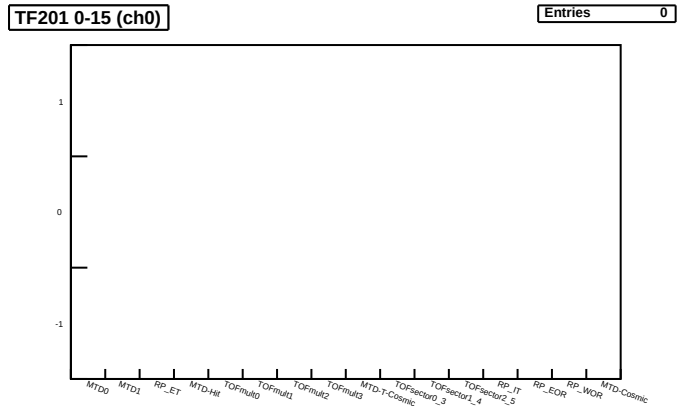

mFP201JP_FM103 large north
Entries 2999997
JP-T
JP-M
JP-B

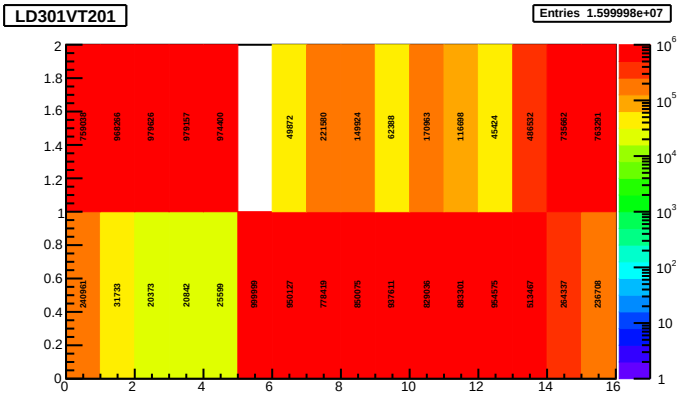

mFP201JPsim_FM103 large north
Entries 731379
JP-T
JP-M
JP-B

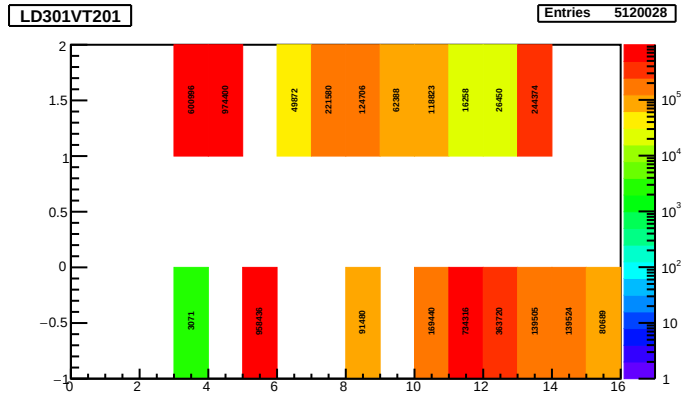

mFP201JP_FM104 large south
Entries 2999997
JP-T
JP-M
JP-B

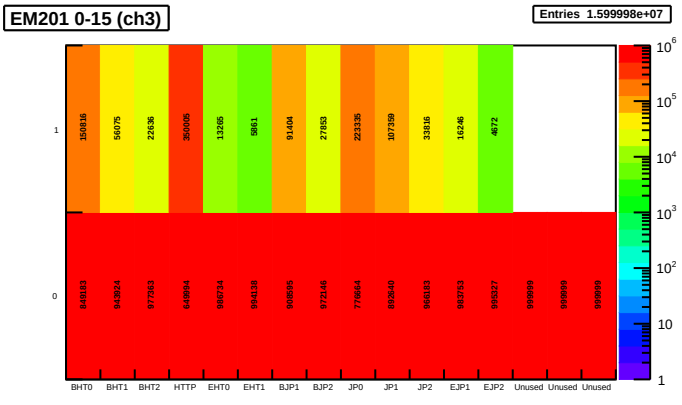

mFP201JPsim_FM104 large south
Entries 732079
JP-T
JP-M
JP-B

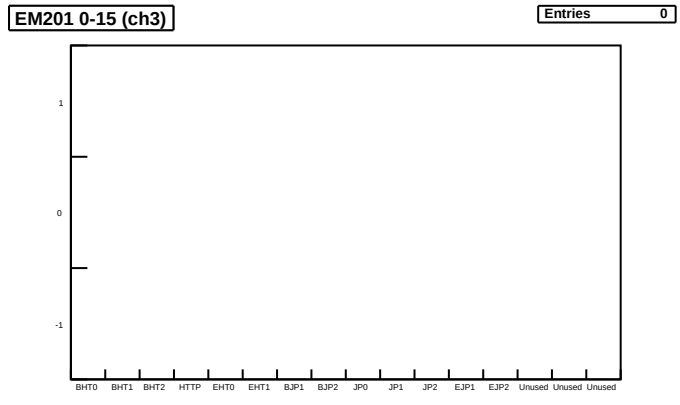

TF201 0-15 (ch0)
Entries 1.599998e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

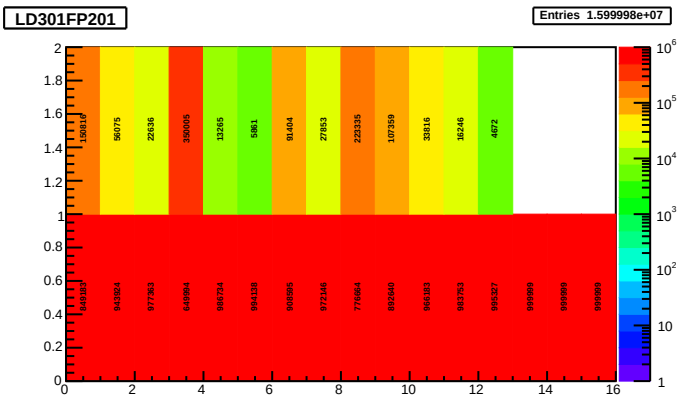

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

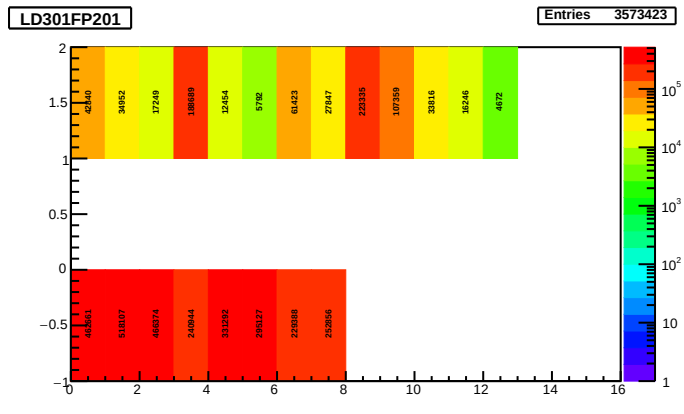

LD301VT201
Entries 1.599998e+07


LD301VT201
Entries 5120028


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 3573423