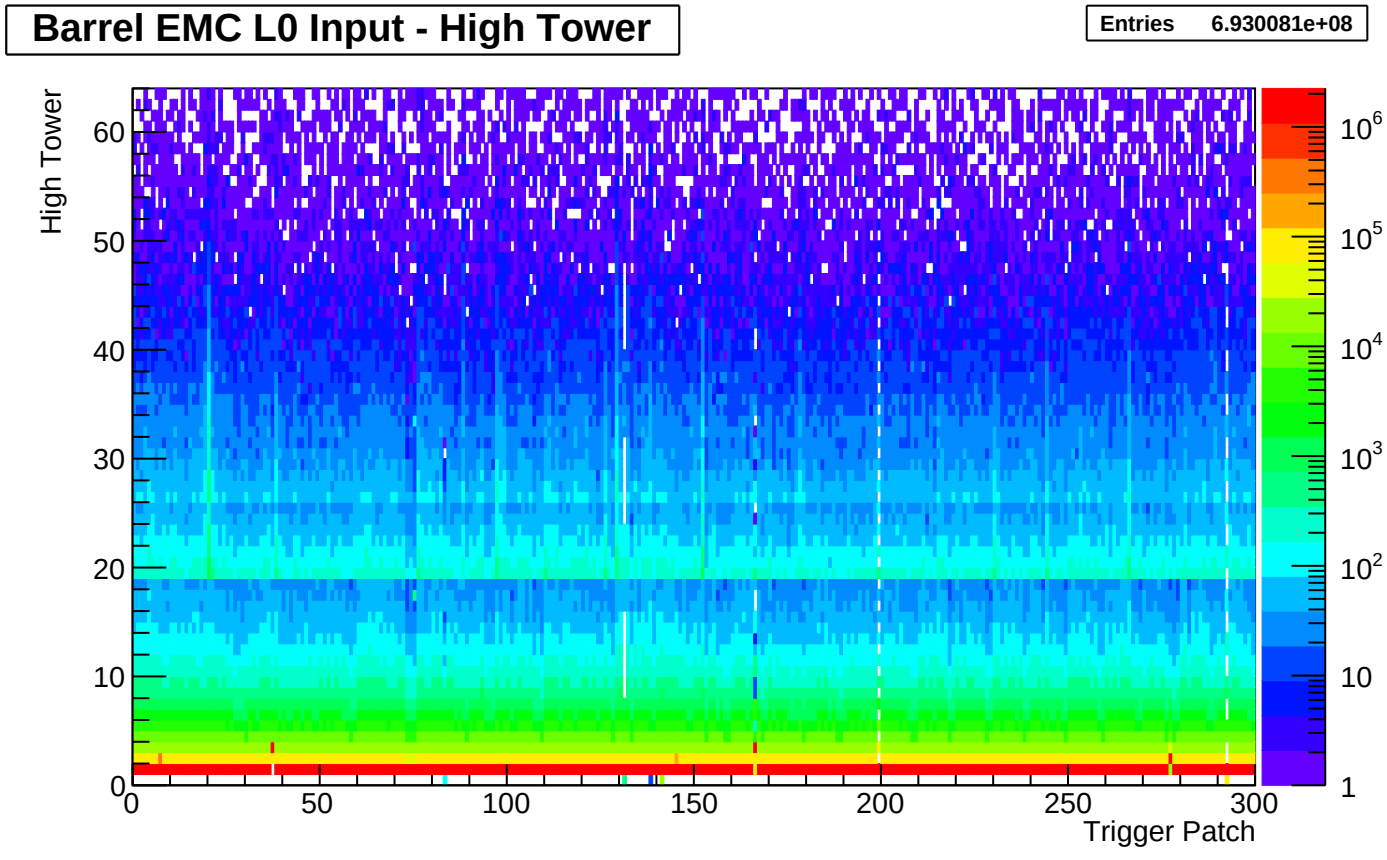
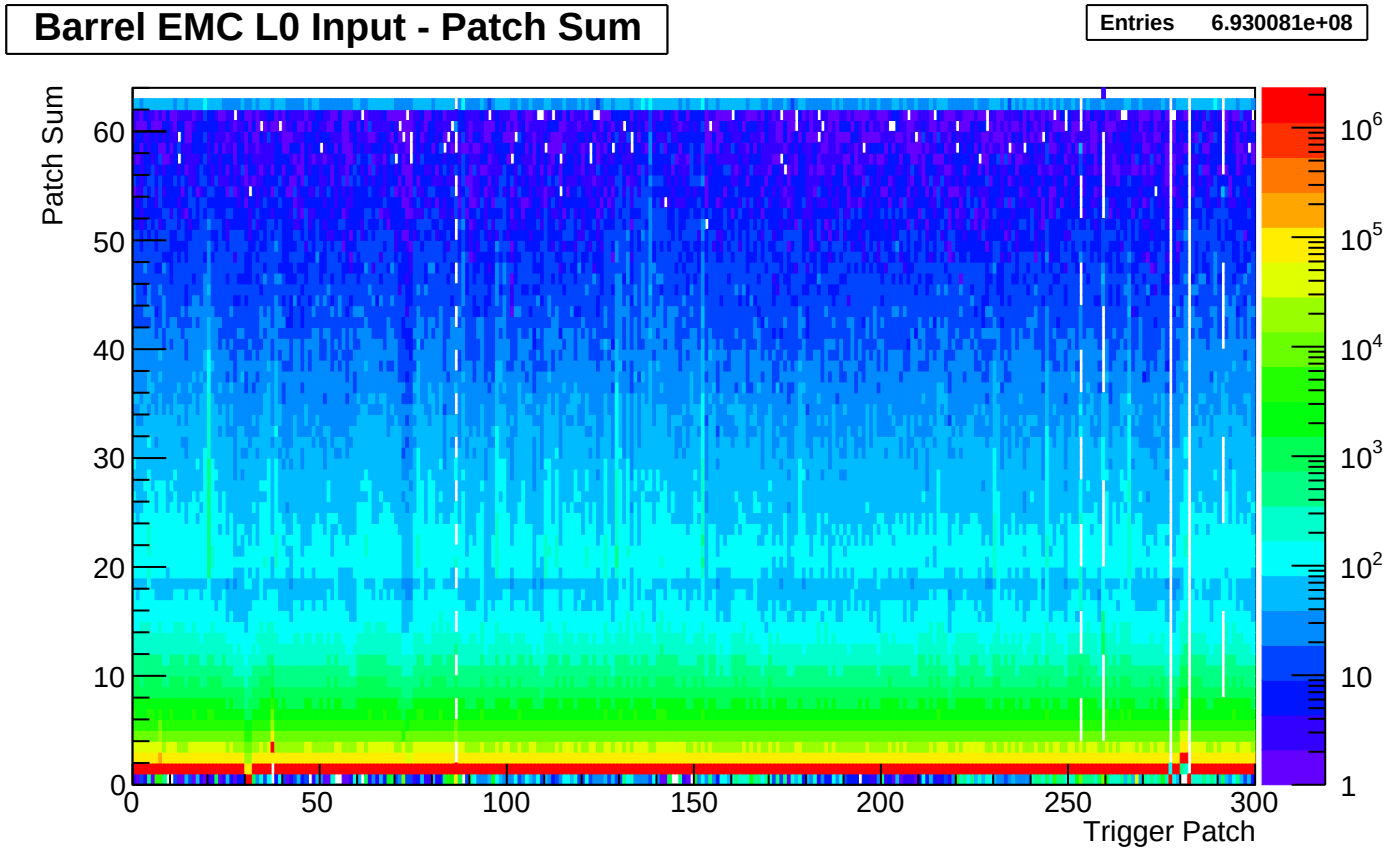
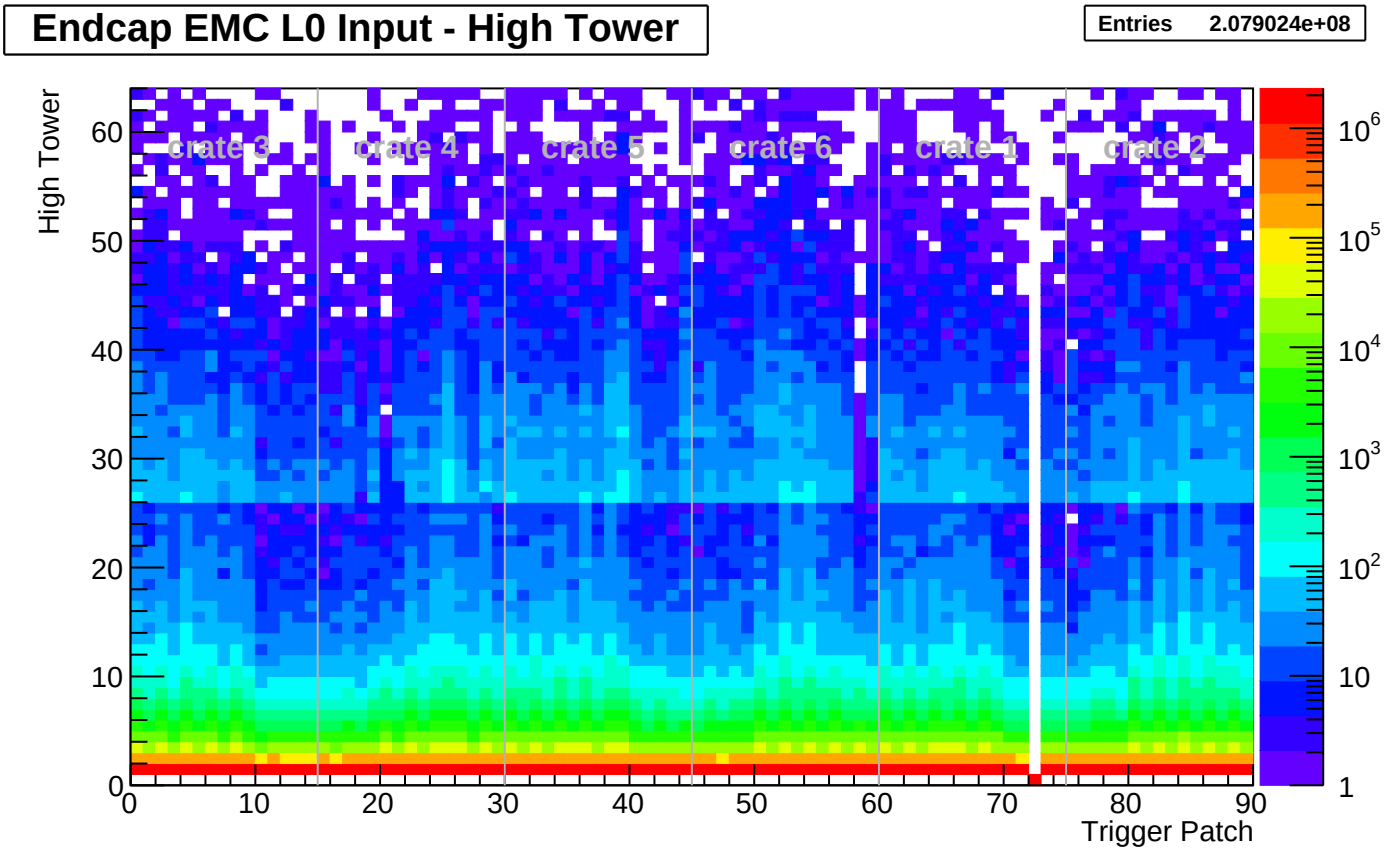
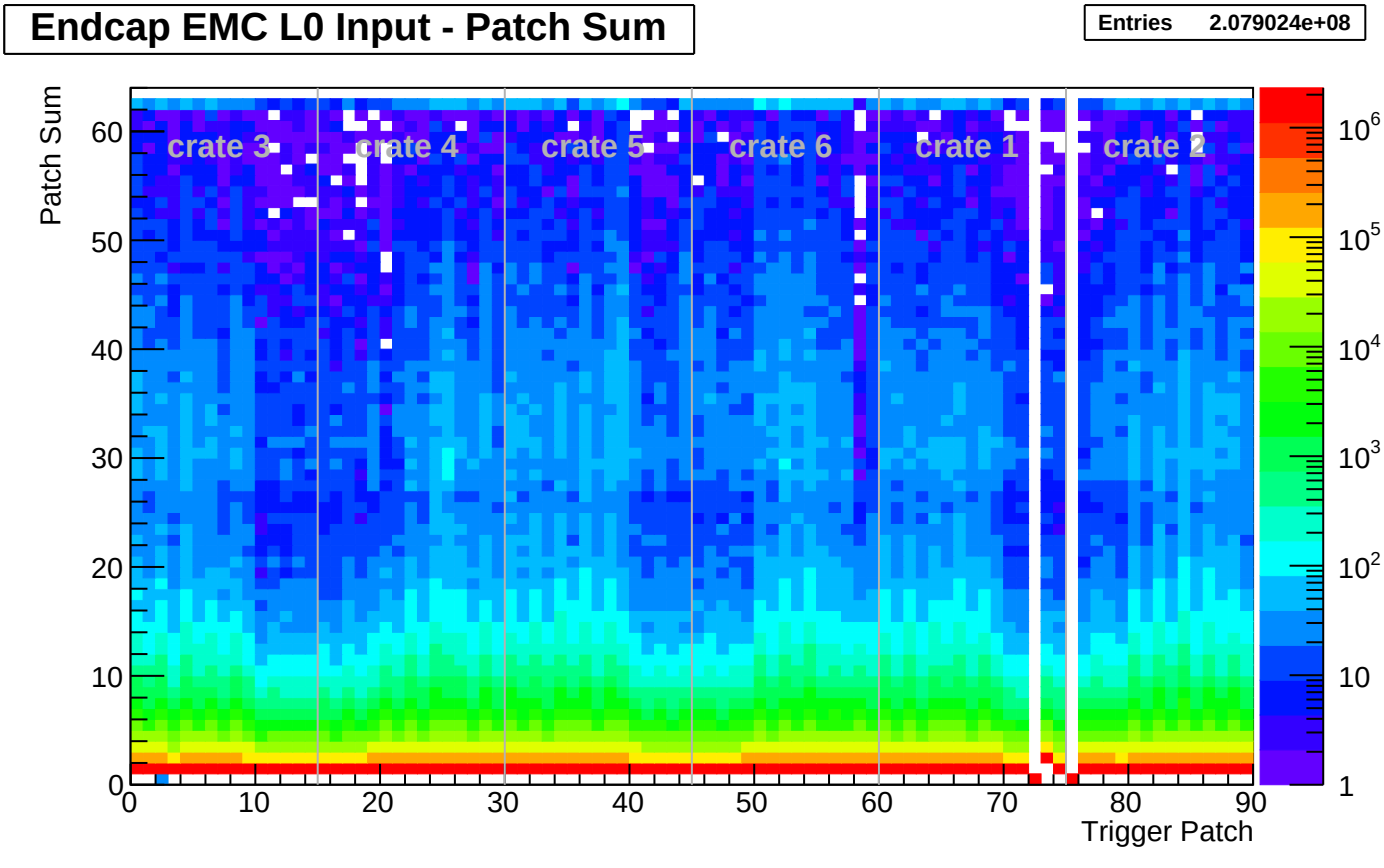
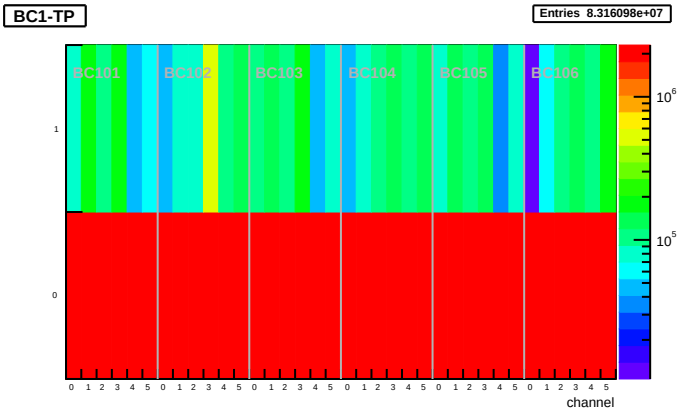
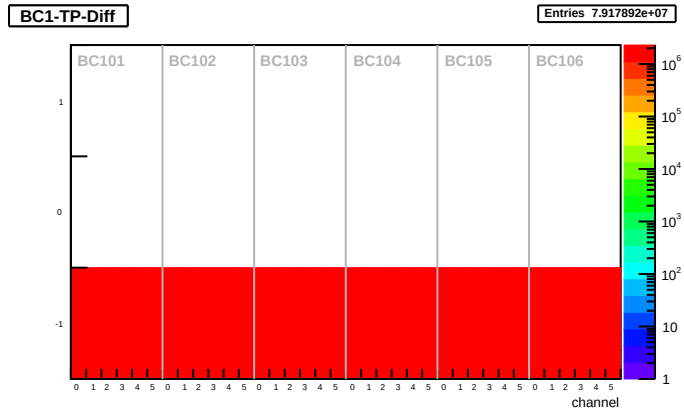

Barrel EMC L0 Input - High Tower
Entries 6.930081e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

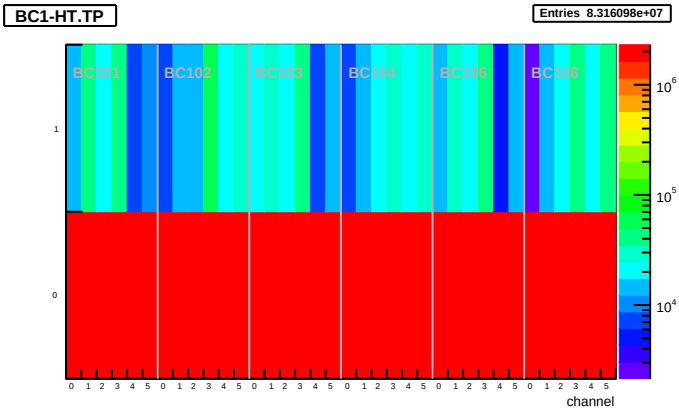

Barrel EMC L0 Input - Patch Sum
Entries 6.930081e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

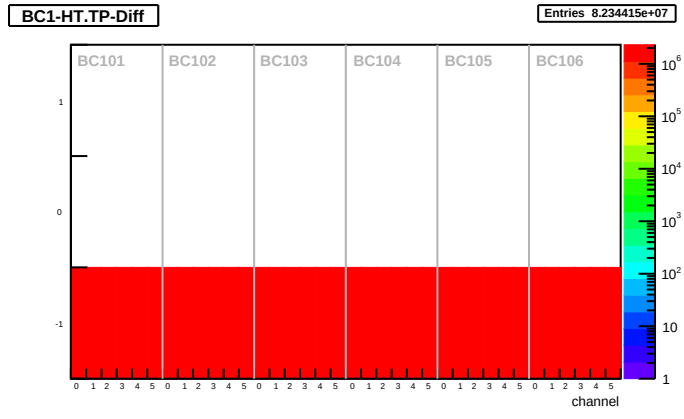

Endcap EMC L0 Input - High Tower
Entries 2.079024e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

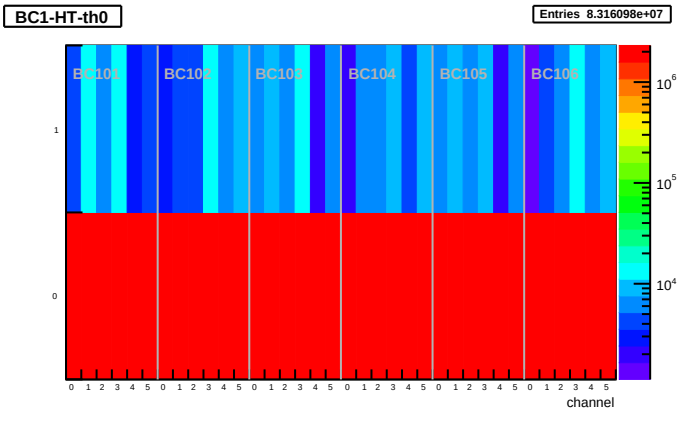

Endcap EMC L0 Input - Patch Sum
Entries 2.079024e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

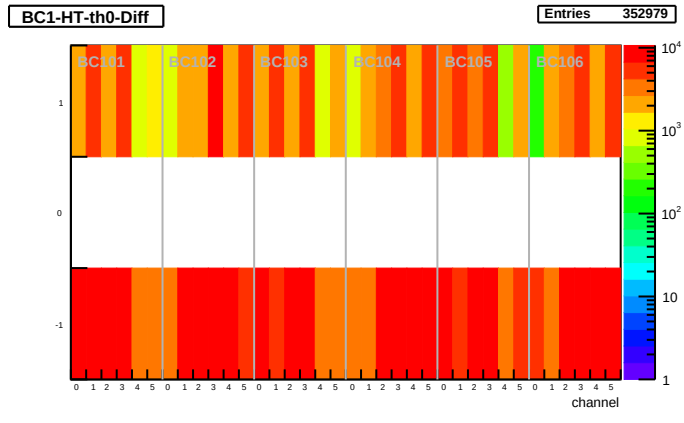

BC1-TP
Entries 8.316098e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

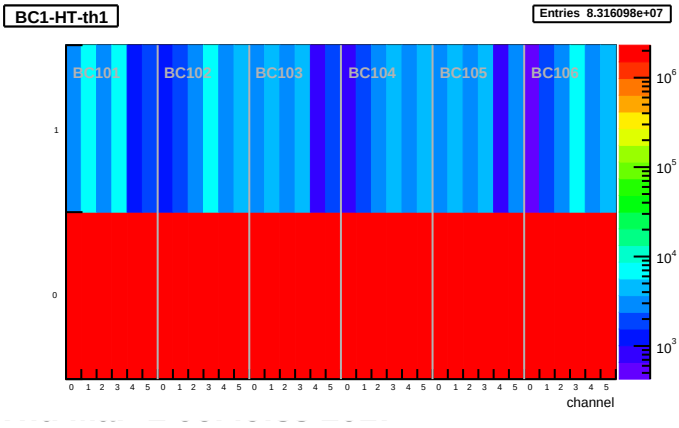

BC1-TP-Diff
Entries 7.917892e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

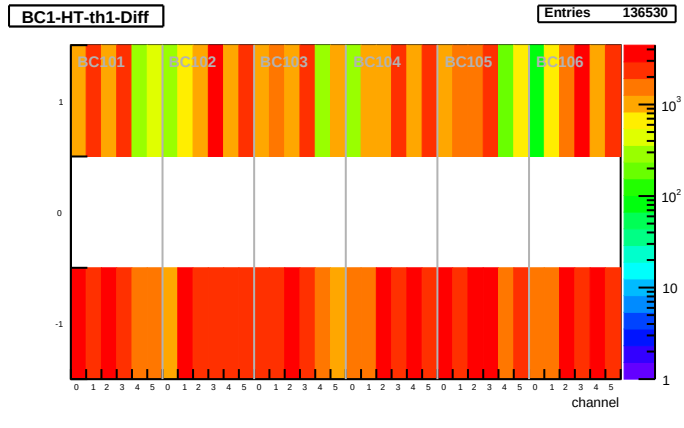

BC1-HT.TP
Entries 8.316098e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

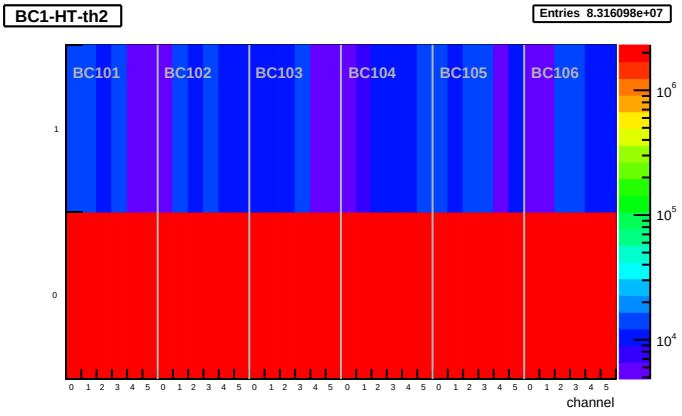

BC1-HT.TP-Diff
Entries 8.234415e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

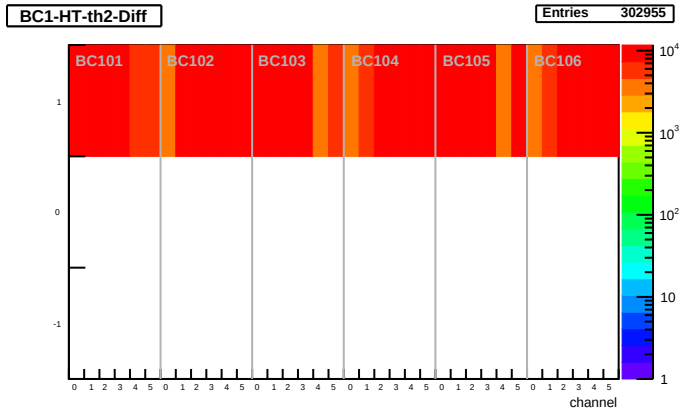

BC1-HT-th0
Entries 8.316098e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

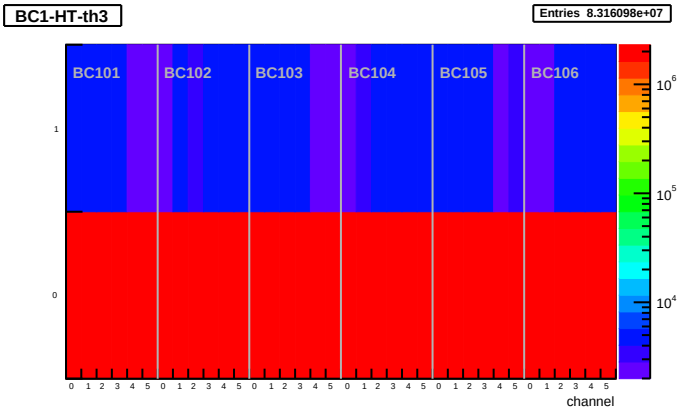

BC1-HT-th0-Diff
Entries 352979
BC101
BC102
BC103
BC104
BC105
BC106
channel

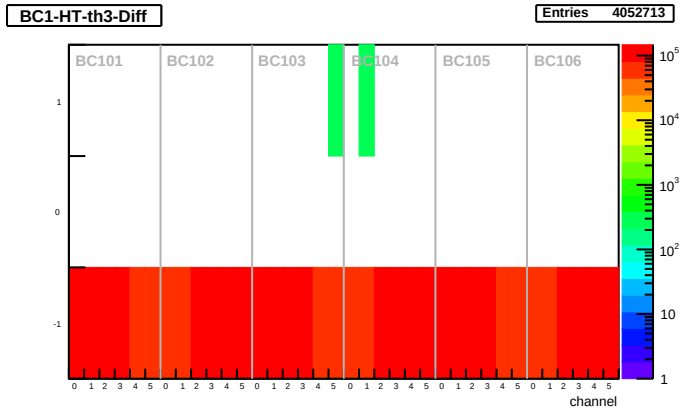

BC1-HT-th1
Entries 8.316098e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

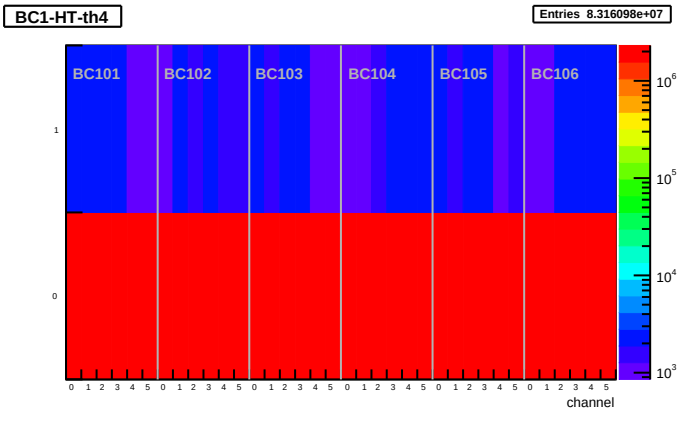

BC1-HT-th1-Diff
Entries 136530
BC101
BC102
BC103
BC104
BC105
BC106
channel

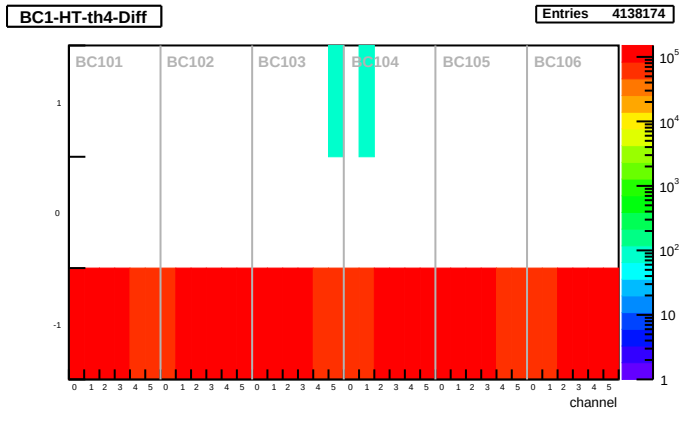

BC1-HT-th2
Entries 8.316098e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

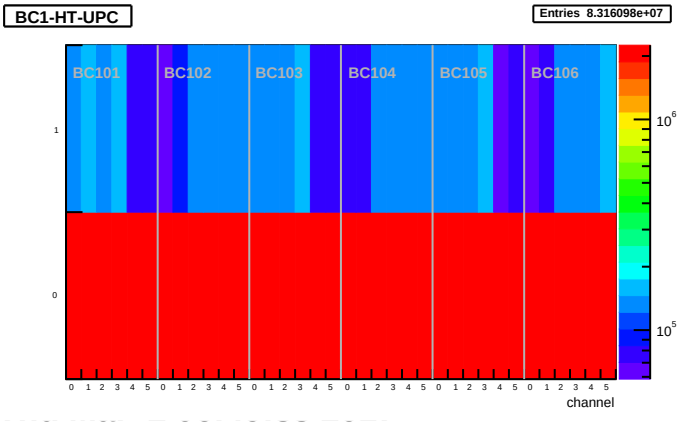

BC1-HT-th2-Diff
Entries 302955
BC101
BC102
BC103
BC104
BC105
BC106
channel

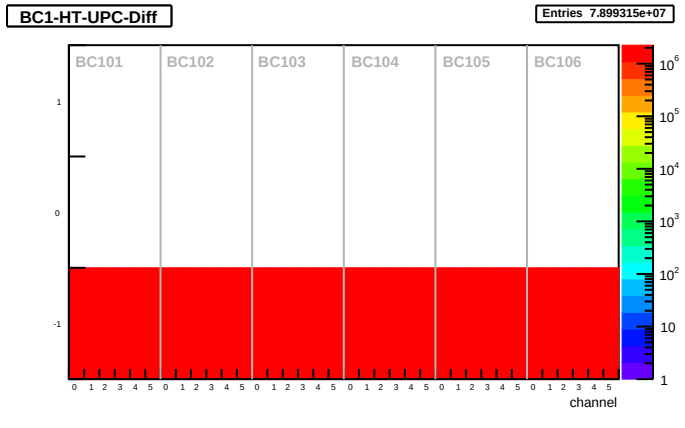

BC1-HT-th3
Entries 8.316098e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

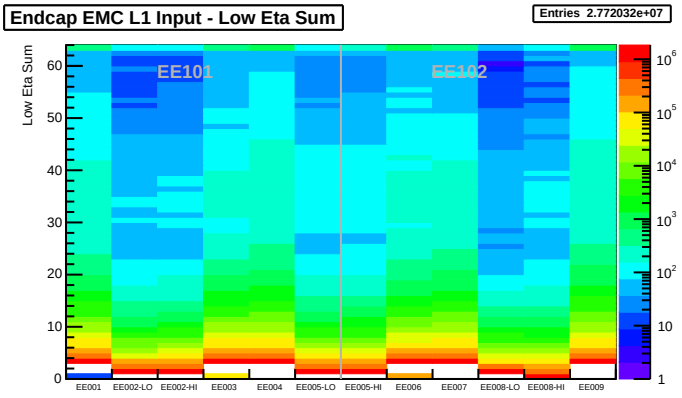

BC1-HT-th3-Diff
Entries 4052713
BC101
BC102
BC103
BC104
BC105
BC106
channel

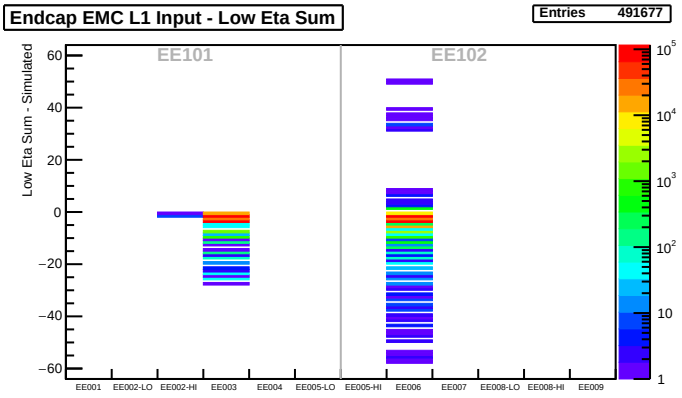

BC1-HT-th4
Entries 8.316098e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

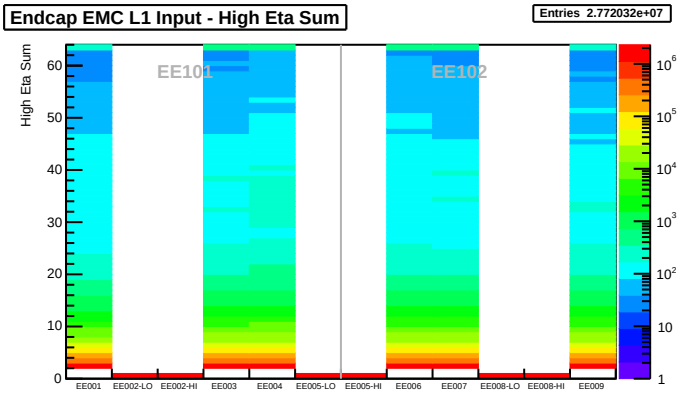

BC1-HT-th4-Diff
Entries 4138174
BC101
BC102
BC103
BC104
BC105
BC106
channel

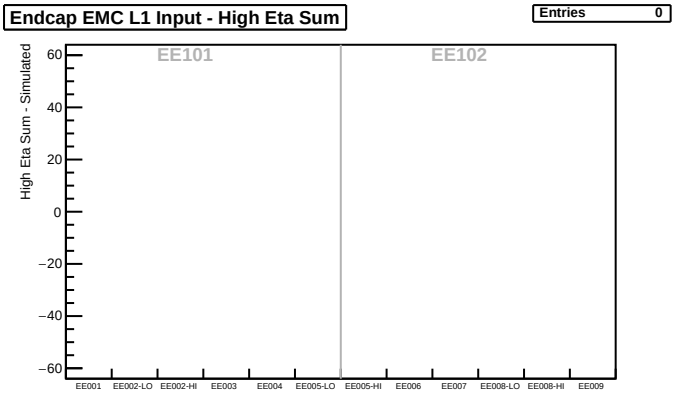

BC1-HT-UPC
Entries 8.316098e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

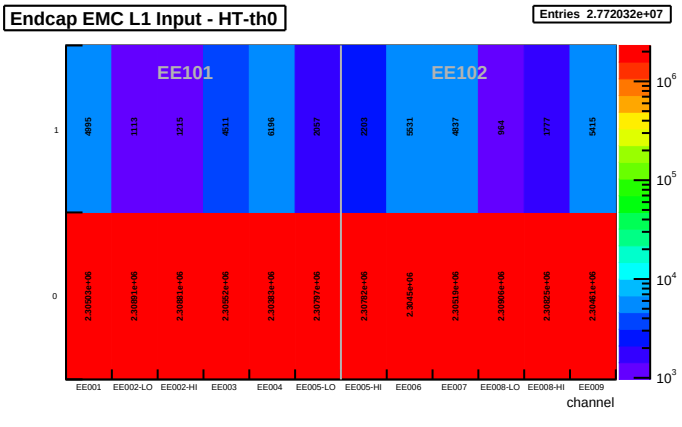

BC1-HT-UPC-Diff
Entries 7.899315e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

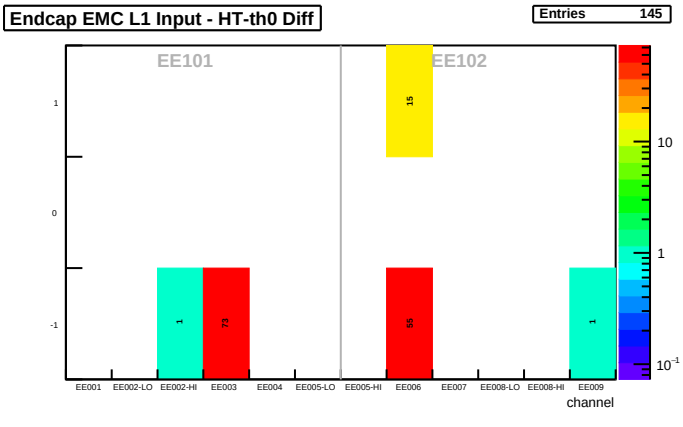

Endcap EMC L1 Input - Low Eta Sum
Entries 2.772032e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

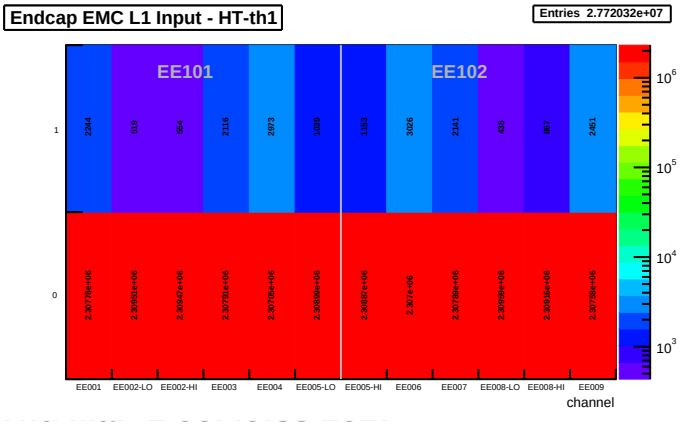

Endcap EMC L1 Input - Low Eta Sum
Entries 491677
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

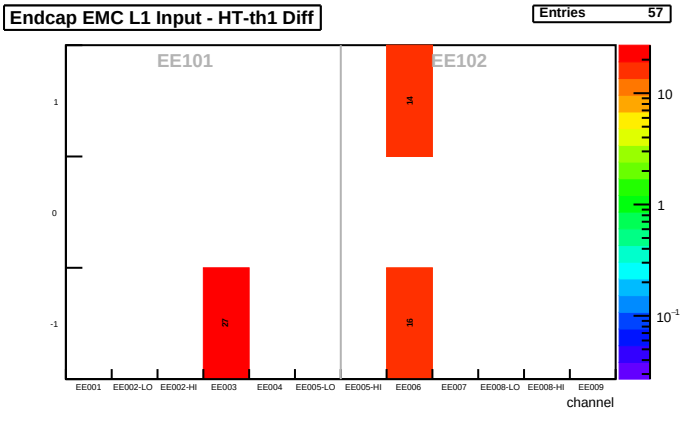

Endcap EMC L1 Input - High Eta Sum
Entries 2.772032e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

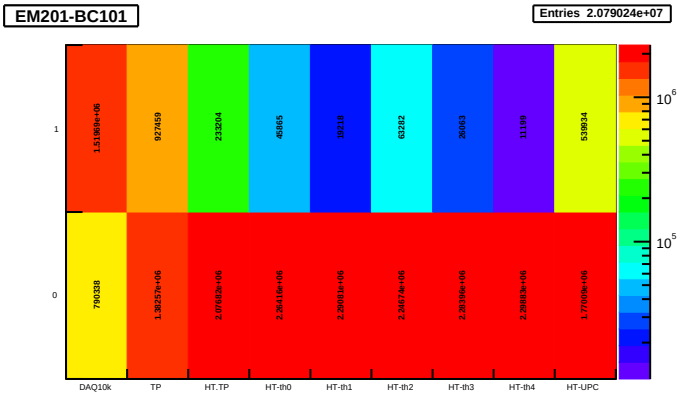

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

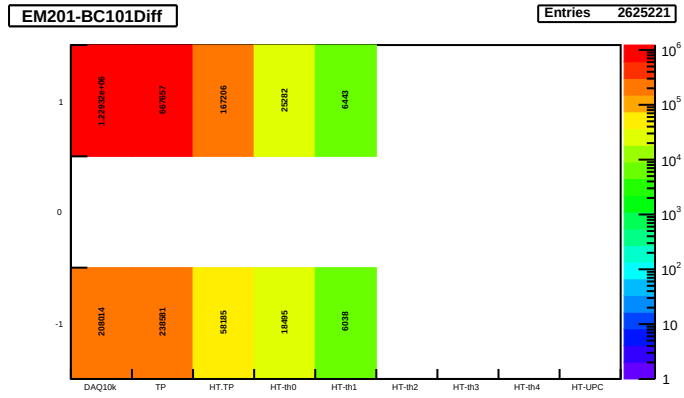

Endcap EMC L1 Input - HT-th0
Entries 2.772032e+07
EE101
EE102
4995 1113 1215 4511 6196 2657 2203 5531 4837 964 1777 5415
2.30963e+06 2.31081e+06 2.30881e+06 2.30952e+06 2.30983e+06 2.30787e+06 2.30782e+06 2.3045e+06 2.30519e+06 2.30906e+06 2.30825e+06 2.30461e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

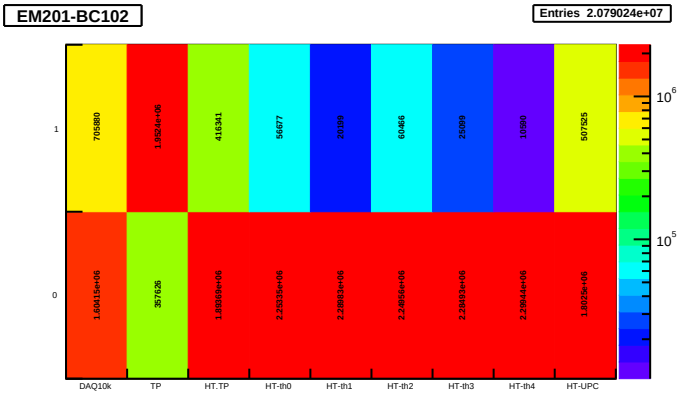

Endcap EMC L1 Input - HT-th0 Diff
Entries 145
EE101
EE102
1 73 15 55 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

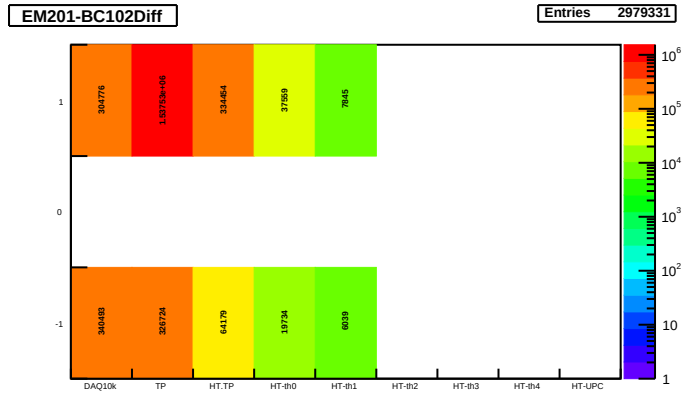

Endcap EMC L1 Input - HT-th1
Entries 2.772032e+07
EE101
EE102
2244 519 554 2116 2973 1039 1153 3026 2141 435 867 2451
2.30778e+06 2.30951e+06 2.30947e+06 2.30791e+06 2.30705e+06 2.30899e+06 2.30897e+06 2.3074e+06 2.30789e+06 2.30959e+06 2.30916e+06 2.30788e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

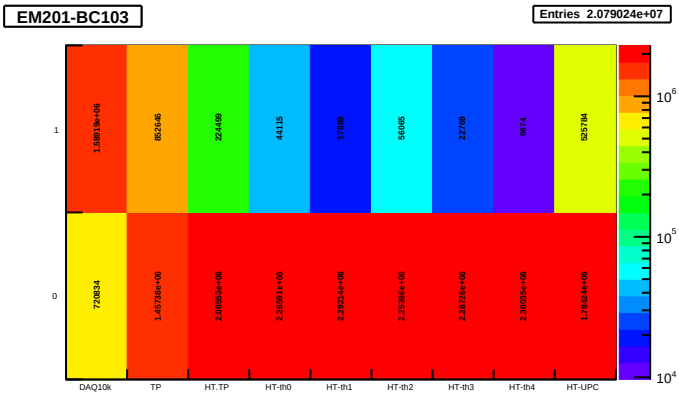

Endcap EMC L1 Input - HT-th1 Diff
Entries 57
EE101
EE102
27 14 18
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

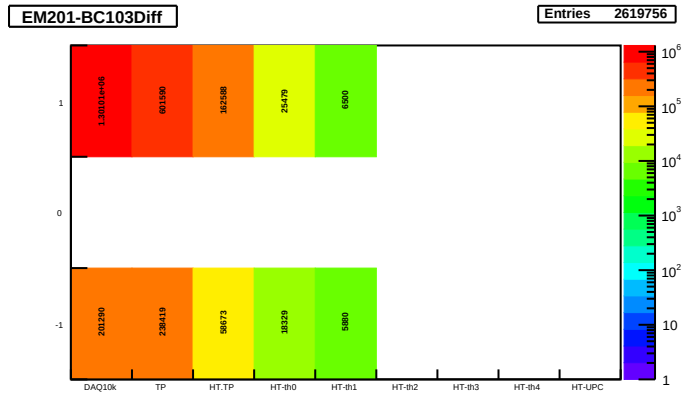

EM201-BC101
Entries 2.079024e+07
1.51163e+06
927459
233204
49865
19218
63282
26463
11199
539934
790338
1.38257e+06
2.07032e+06
2.25416e+06
2.29081e+06
2.24674e+06
2.23399e+06
2.29883e+06
1.77009e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

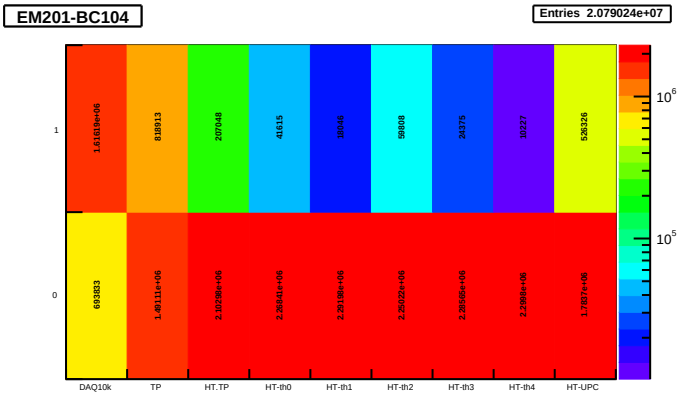

EM201-BC101Diff
Entries 2625221
1.22932e+06
667657
167206
29282
6443
208014
238581
58185
19495
6038
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

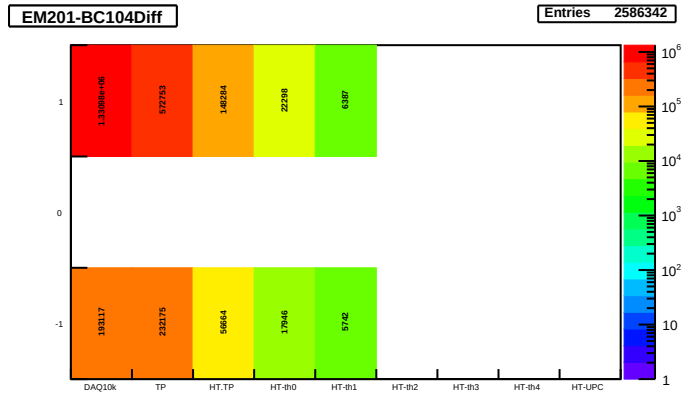

EM201-BC102
Entries 2.079024e+07
705880
1.9524e+06
416341
56677
20199
60466
25899
10990
507525
1.60415e+06
357626
1.69369e+06
2.25335e+06
2.28883e+06
2.29056e+06
2.28493e+06
2.28944e+06
1.80236e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 2979331
304776
1.93753e+06
334464
37959
7845
340493
326724
64179
19734
6039
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

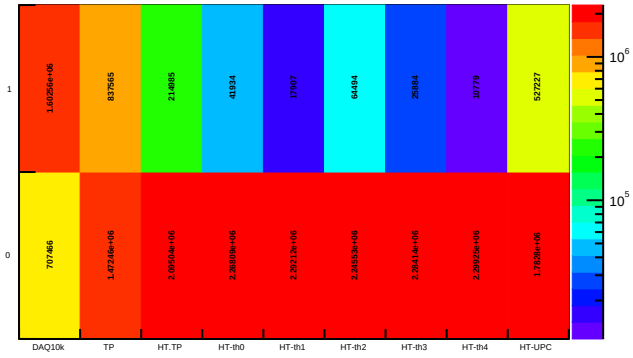

EM201-BC103
Entries 2.079024e+07
1.58918e+06
852646
224499
44115
17289
56065
22769
9674
525784
720834
1.45758e+06
2.05533e+06
2.23591e+06
2.23214e+06
2.25385e+06
2.24726e+06
2.30035e+06
1.73424e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 2619756
1.30101e+06
601590
162588
25479
6900
201290
238419
58673
18329
5880
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

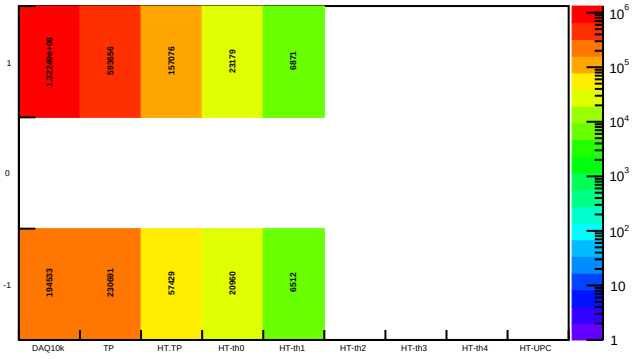

EM201-BC104
Entries 2.079024e+07
1.61610e+06
818913
207548
41615
19046
59808
24375
10227
526326
693833
1.49111e+06
2.10298e+06
2.25841e+06
2.29188e+06
2.29022e+06
2.25566e+06
2.2989e+06
1.7837e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 2586342
1.33088e+06
572753
148284
22298
6387
193117
232175
56664
17946
5742
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

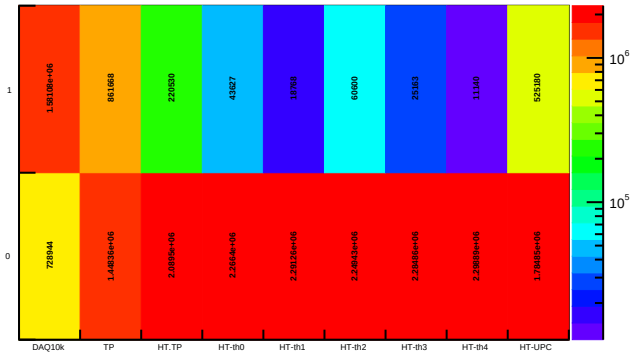
EM201-BC105 Entries 2.079024e+07



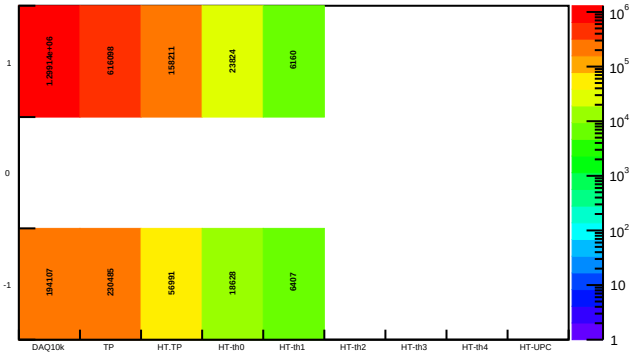
EM201-BC105Diff Entries 2613401



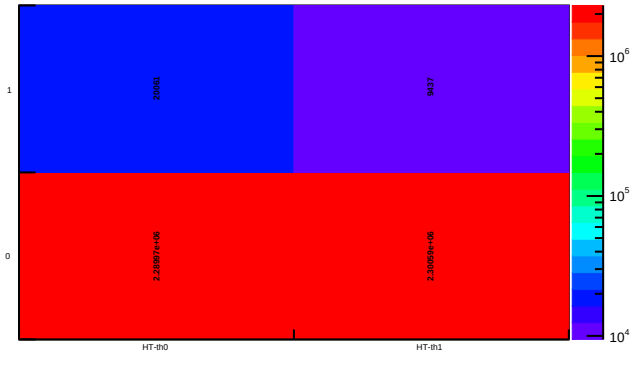
EM201-BC106 Entries 2.079024e+07



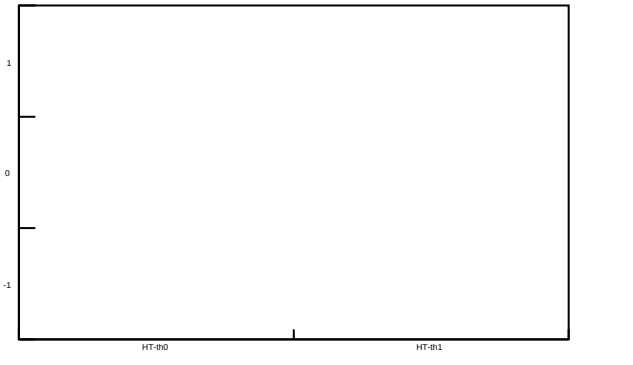
EM201-BC106Diff Entries 2610046



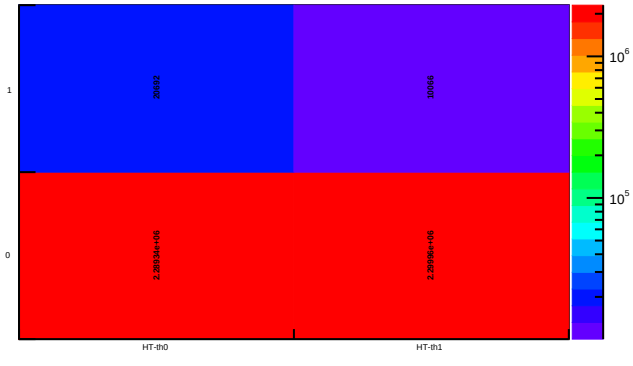
EM201-EE101 Entries 4620054



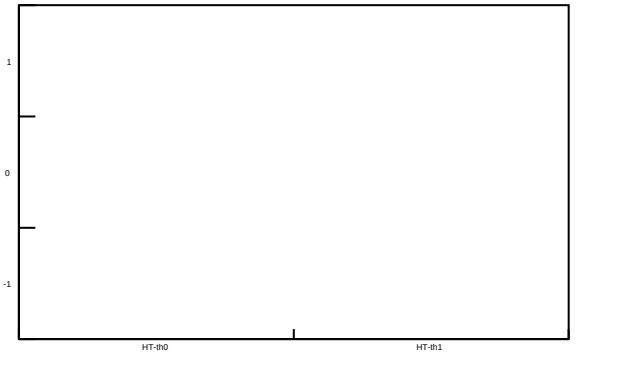
EM201-EE101Diff Entries 0

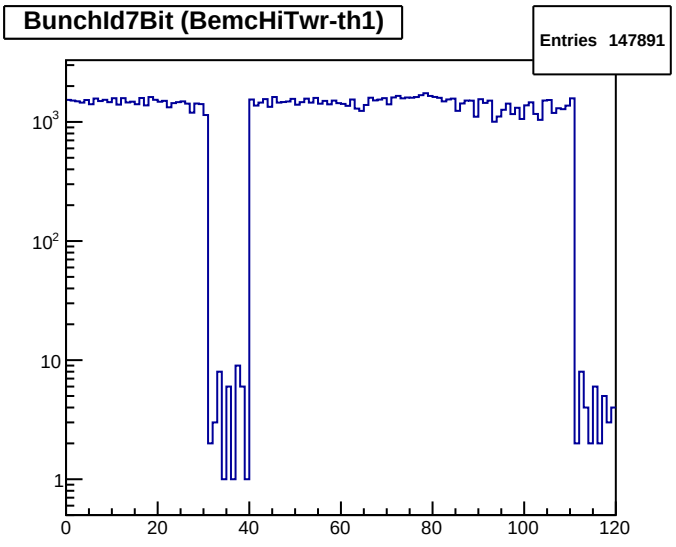


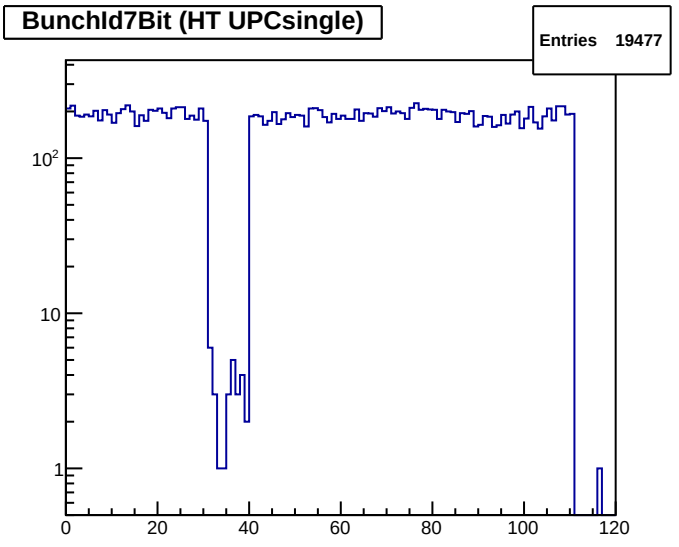
EM201-EE102 Entries 4620054

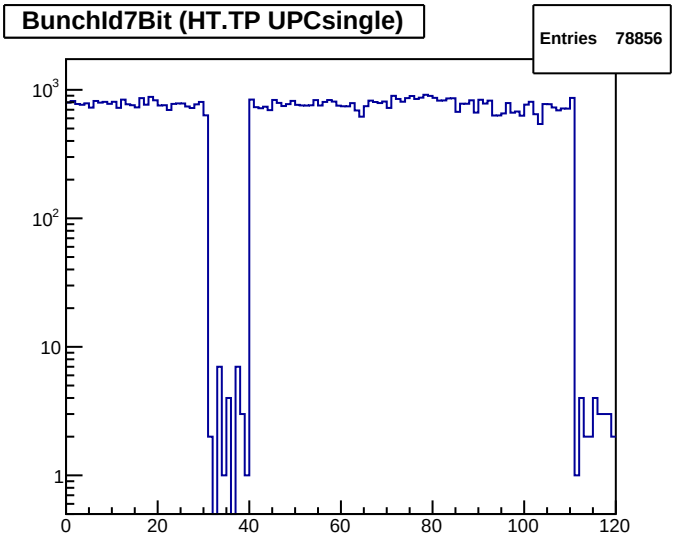


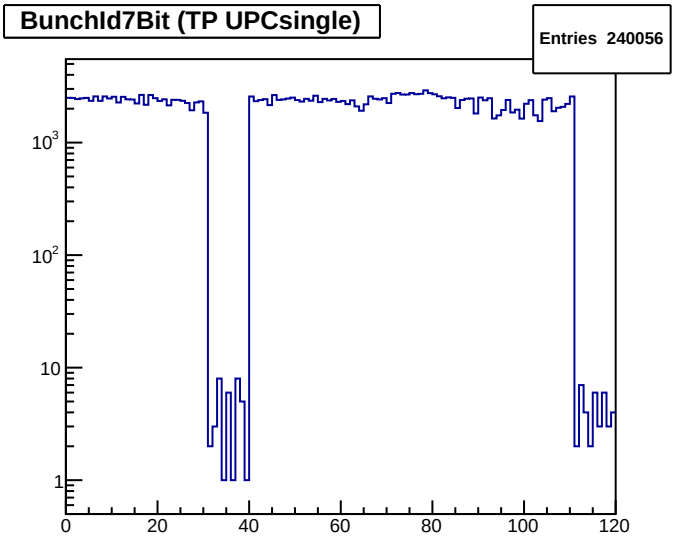
EM201-EE102Diff Entries 0

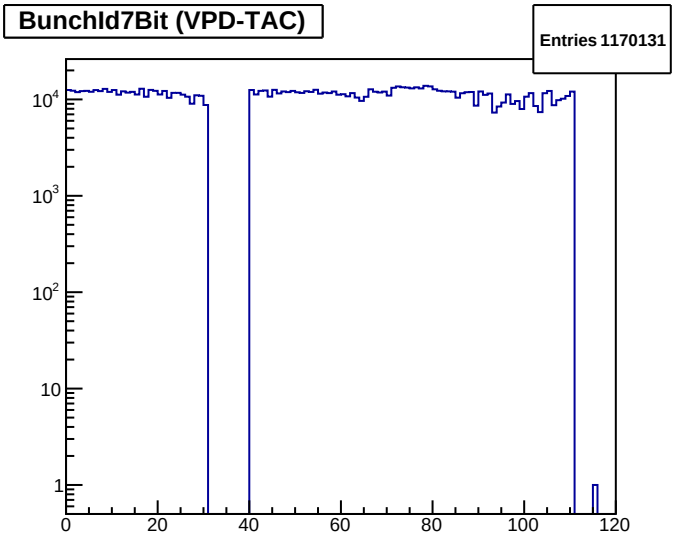


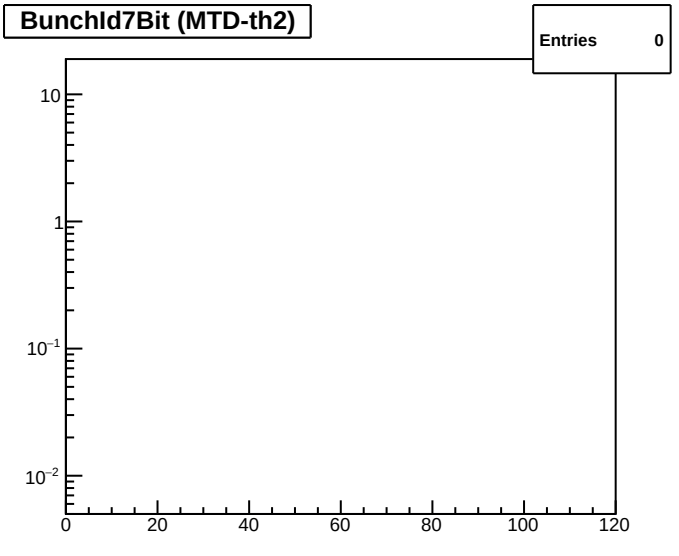

BunchId7Bit (BemcHiTwr-th1)
Entries 147891

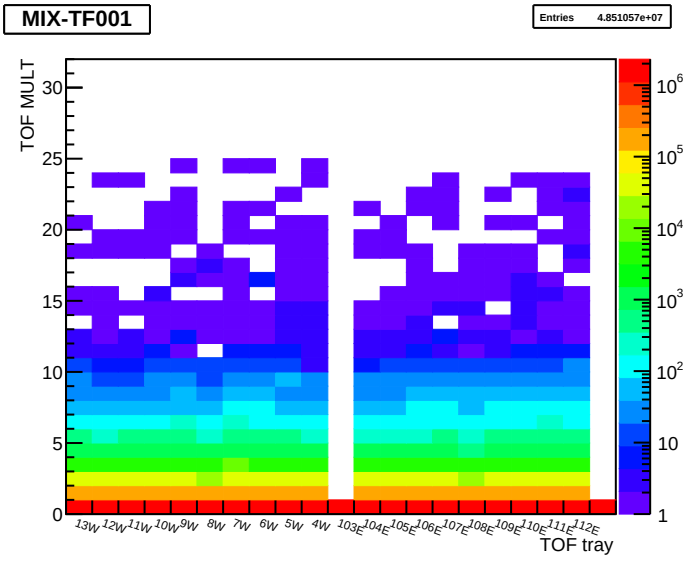

BunchId7Bit (HT UPCsingle)
Entries 19477

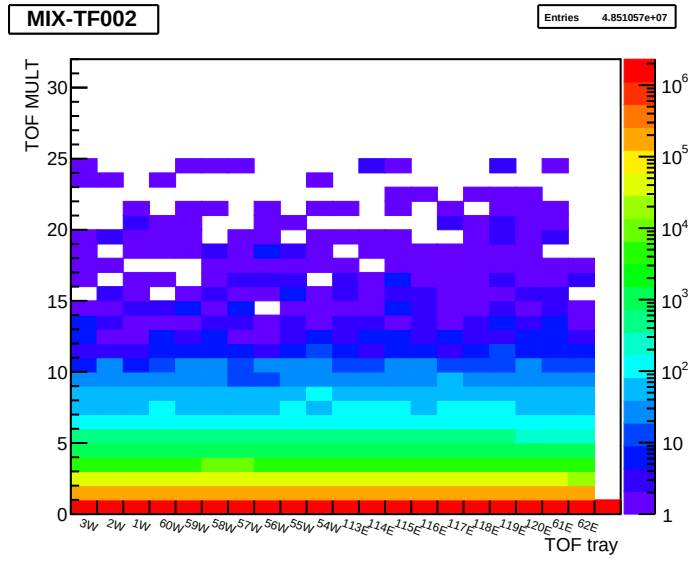

BunchId7Bit (HT.TP UPCsingle)
Entries 78856

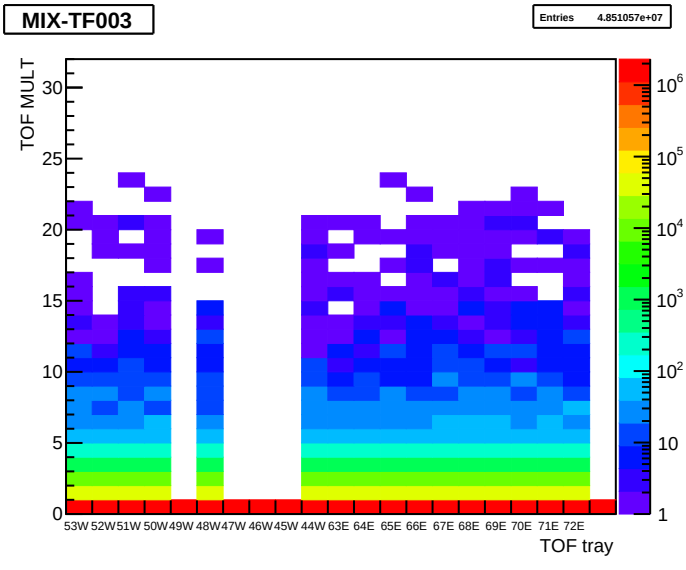

BunchId7Bit (TP UPCsingle)
Entries 240056

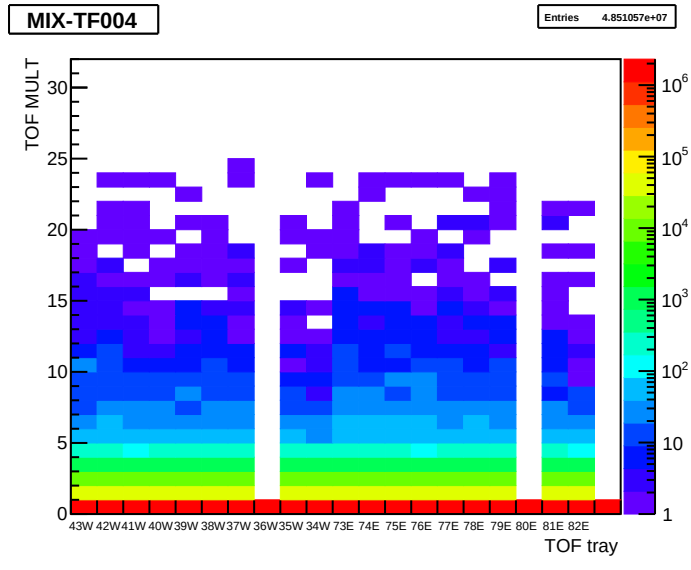

BunchId7Bit (VPD-TAC)
Entries 1170131

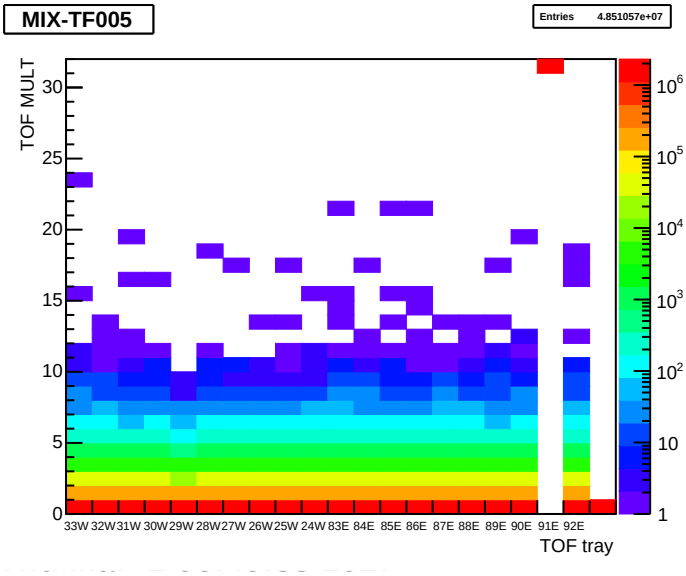

BunchId7Bit (MTD-th2)
Entries 0

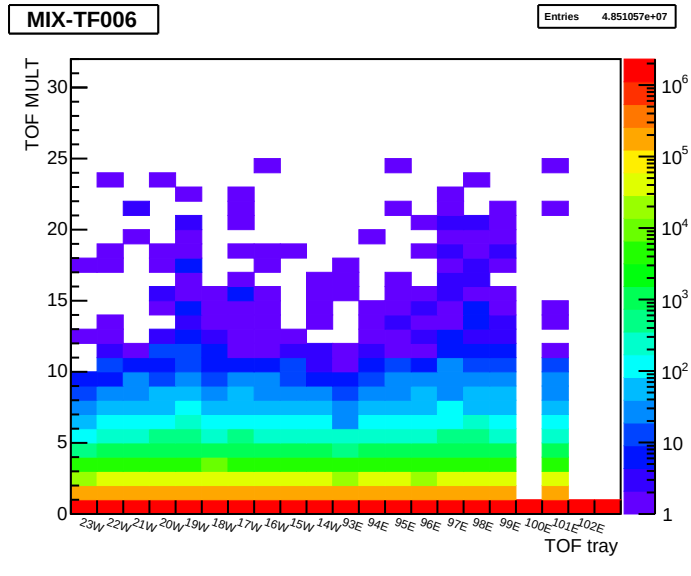

MIX-TF001
Entries 4.851057e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

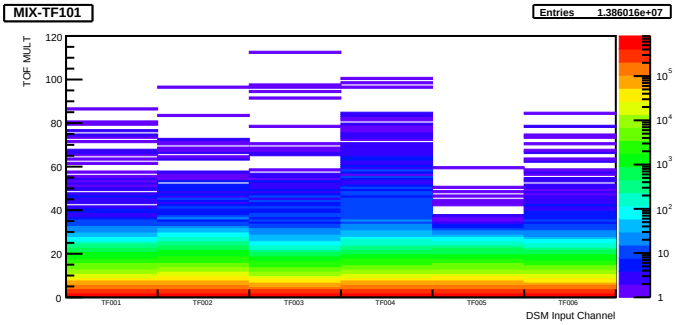

MIX-TF002
Entries 4.851057e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

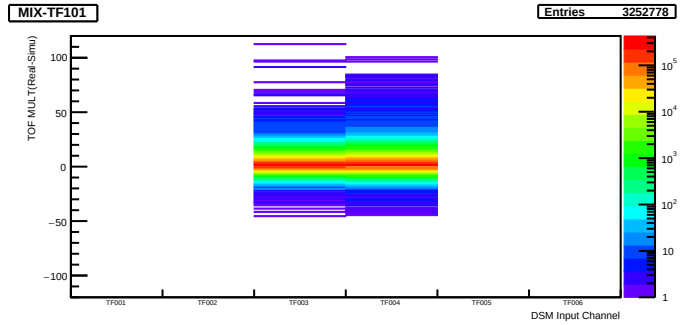

MIX-TF003
Entries 4.851057e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

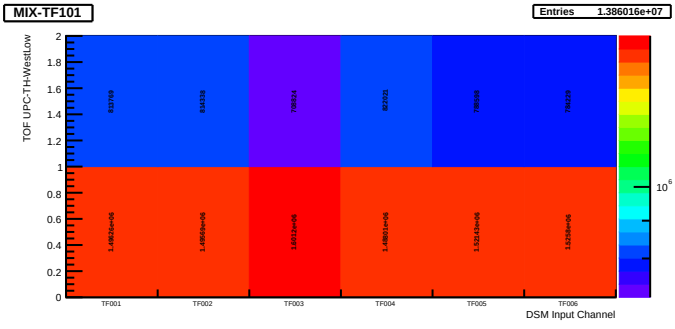

MIX-TF004
Entries 4.851057e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

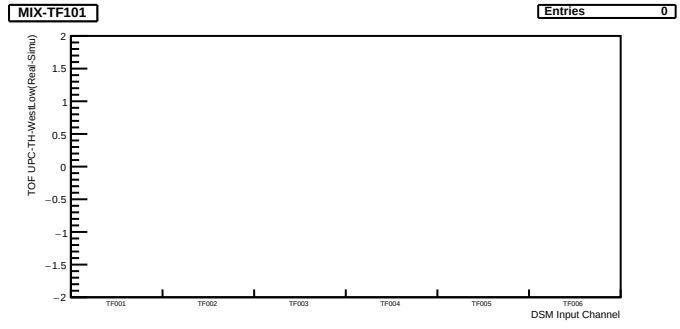

MIX-TF005
Entries 4.851057e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

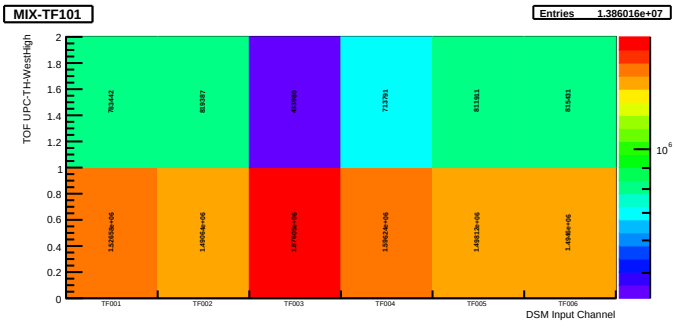

MIX-TF006
Entries 4.851057e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

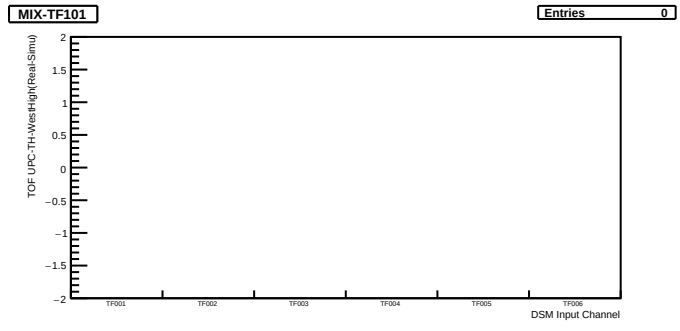

MIX-TF101
Entries 1.386016e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

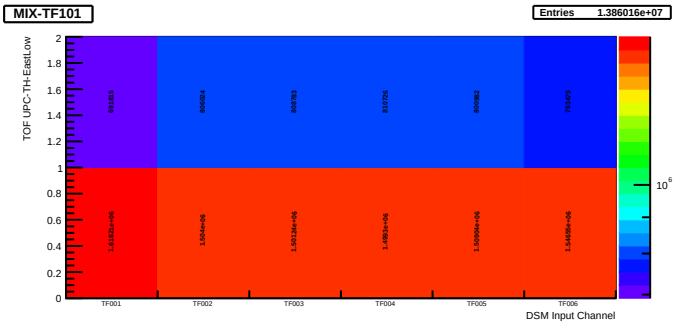

MIX-TF101
Entries 3252778
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

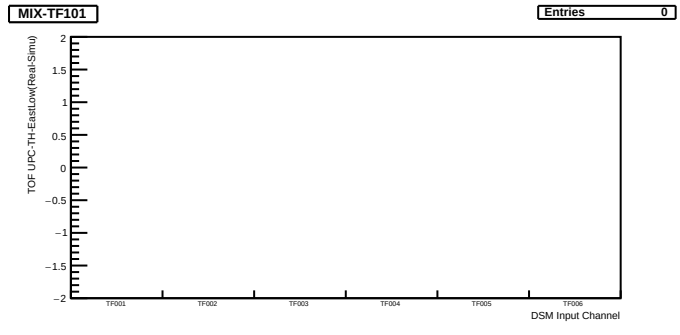

MIX-TF101
Entries 1.386016e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

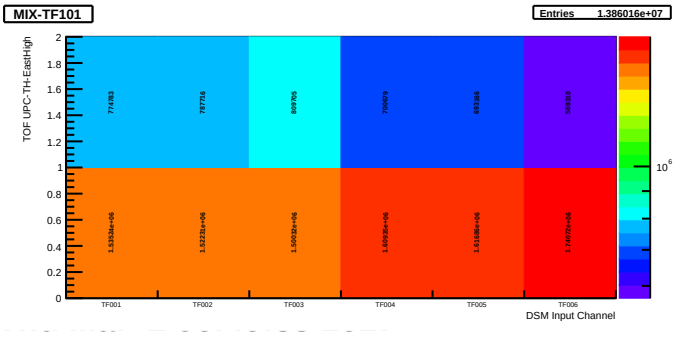

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

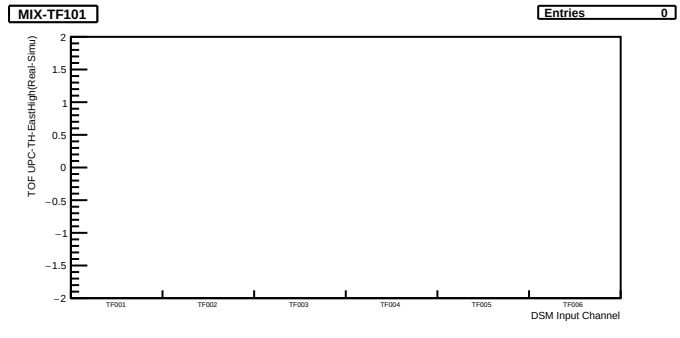

MIX-TF101
Entries 1.386016e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

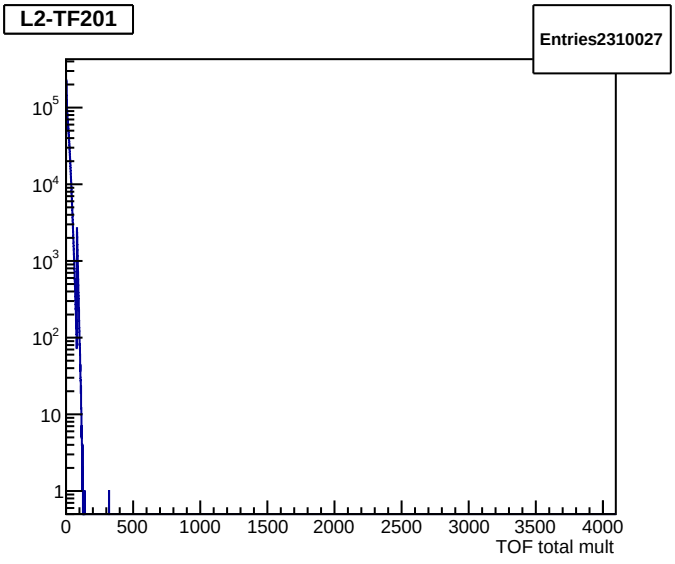

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

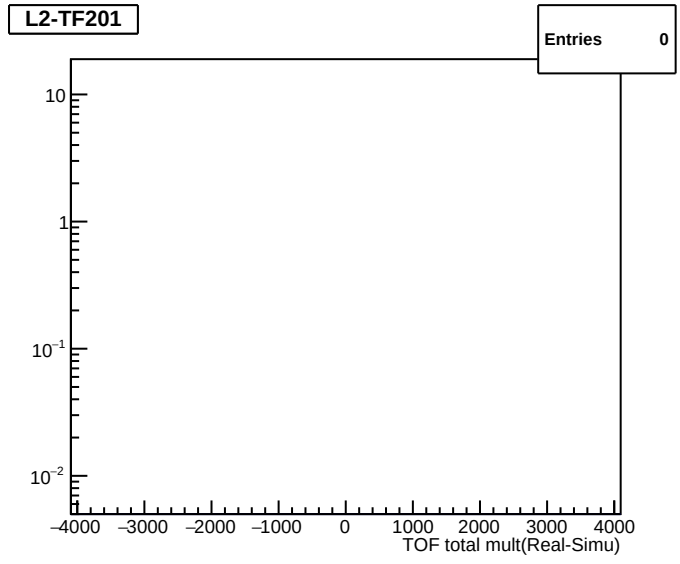

MIX-TF101
Entries 1.386016e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

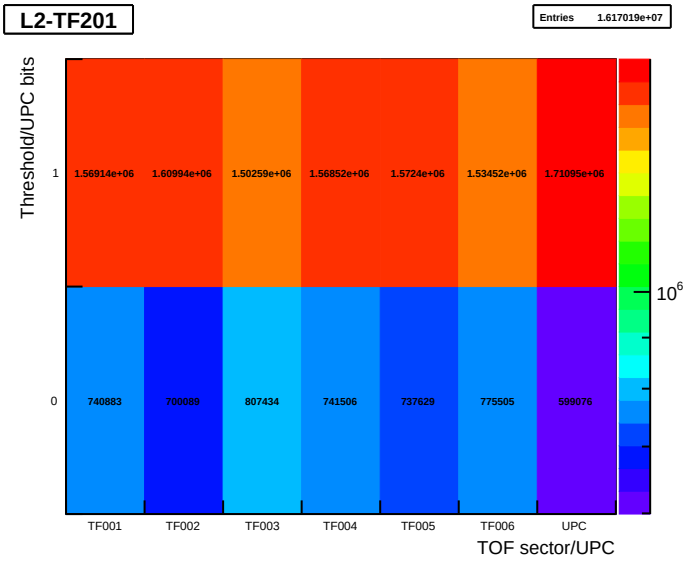

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

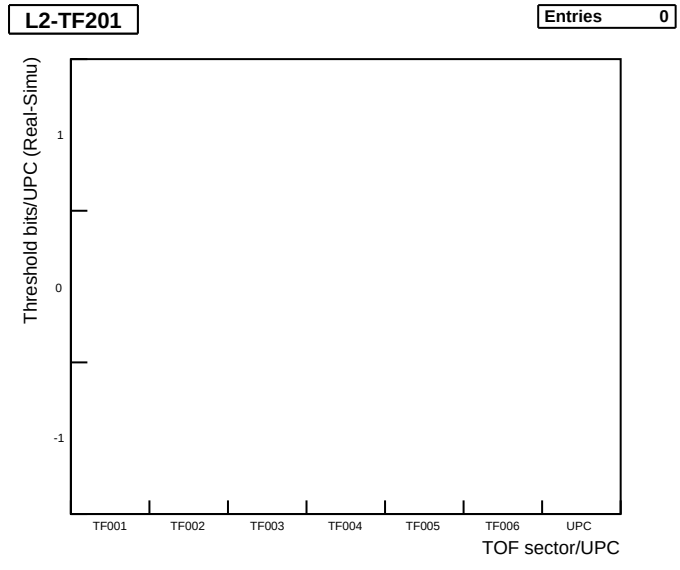

MIX-TF101
Entries 1.386016e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

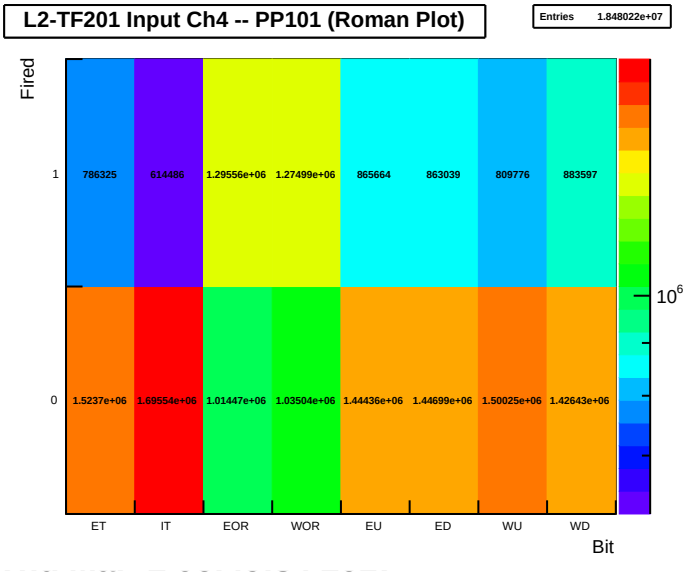

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

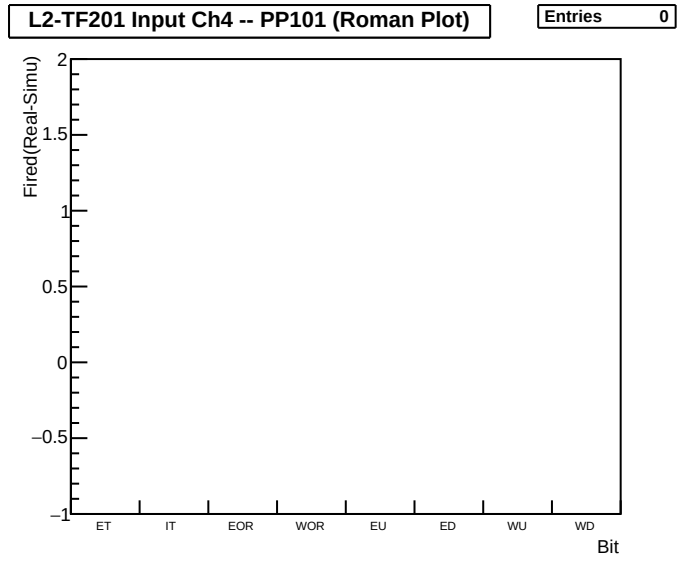

L2-TF201
Entries2310027
TOF total mult

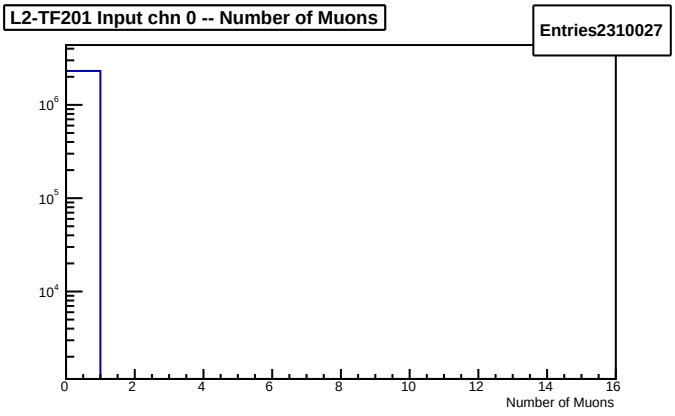

L2-TF201
Entries 0
TOF total mult(Real-Simu)

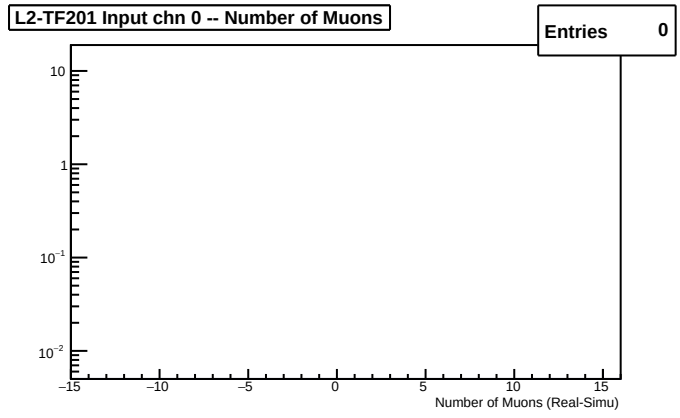

L2-TF201
Entries 1.617019e+07
Threshold/UPC bits
1.56914e+06
1.60994e+06
1.50259e+06
1.56852e+06
1.5724e+06
1.53452e+06
1.71095e+06
740883
700089
807434
741506
737629
775505
599076
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

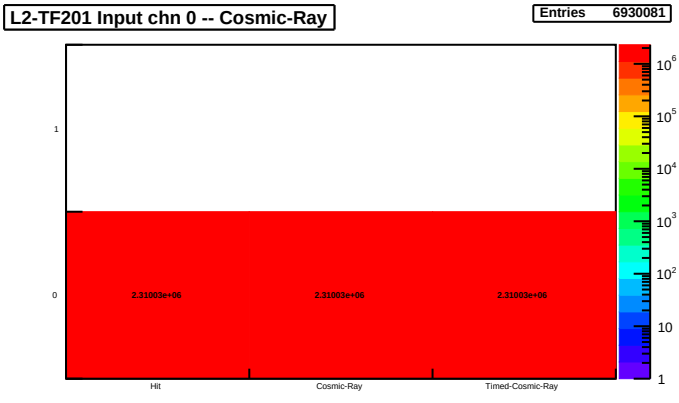

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

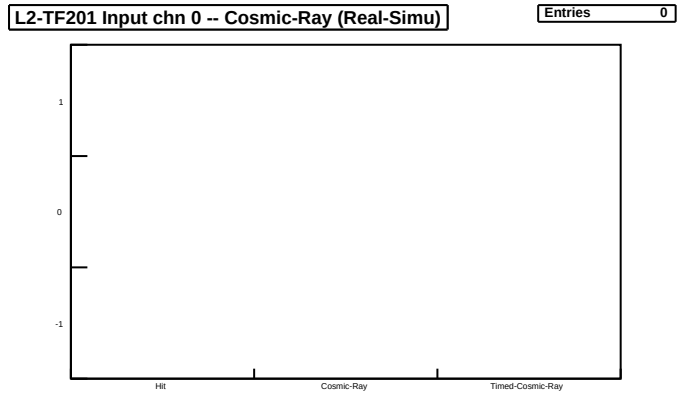

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.848022e+07
Fired
786325
614486
1.29556e+06
1.27499e+06
865664
863039
809776
883597
1.5237e+06
1.69554e+06
1.01447e+06
1.03504e+06
1.44436e+06
1.44699e+06
1.50025e+06
1.42643e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

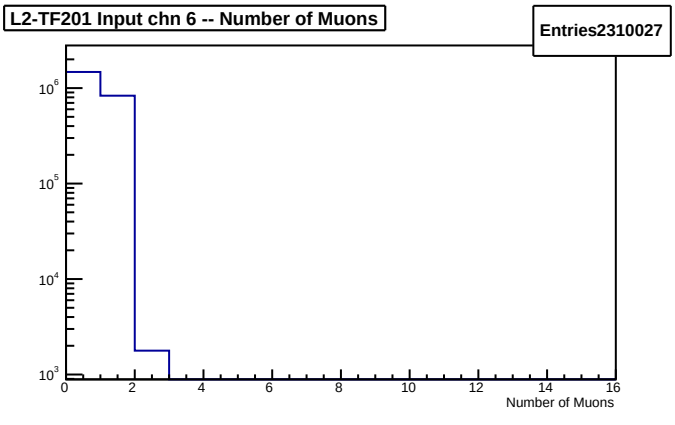

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

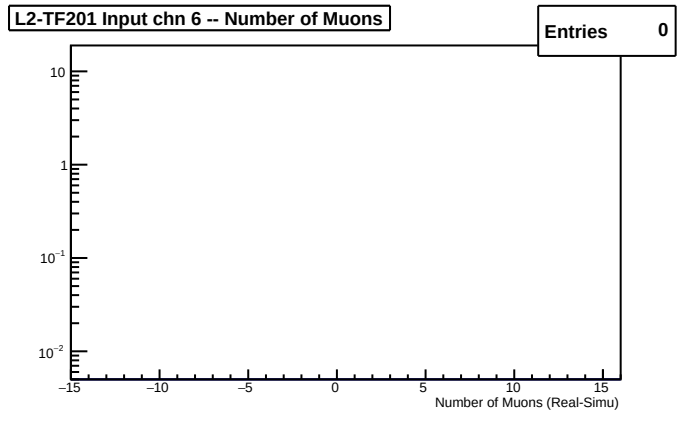

L2-TF201 Input chn 0 -- Number of Muons
Entries2310027
Number of Muons

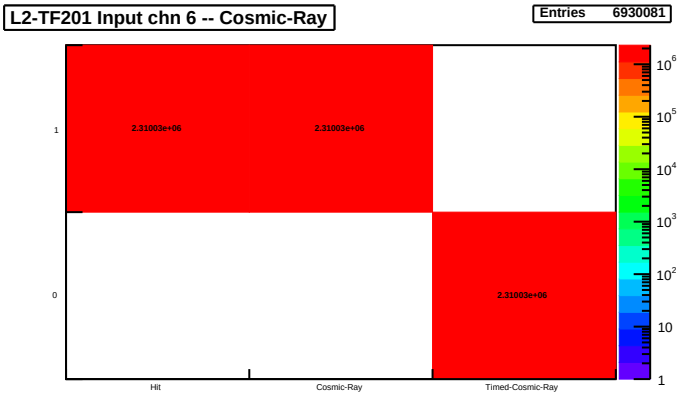

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

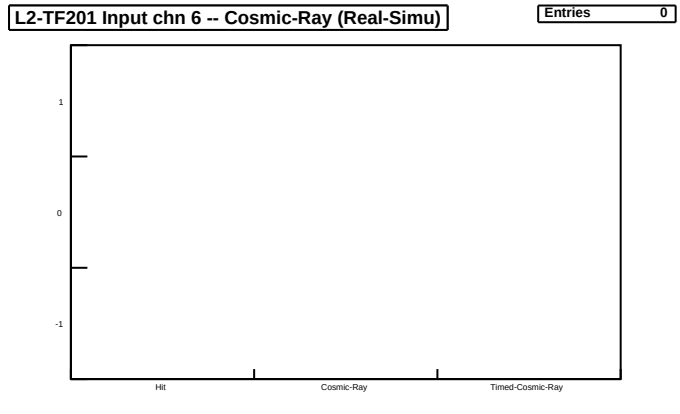

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6930081
2.31003e+06
2.31003e+06
2.31003e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

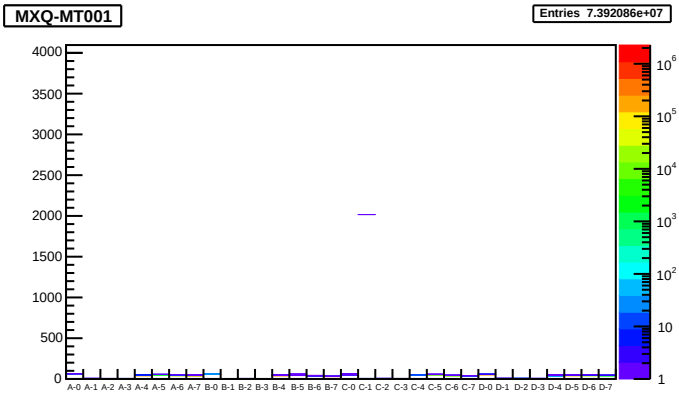

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

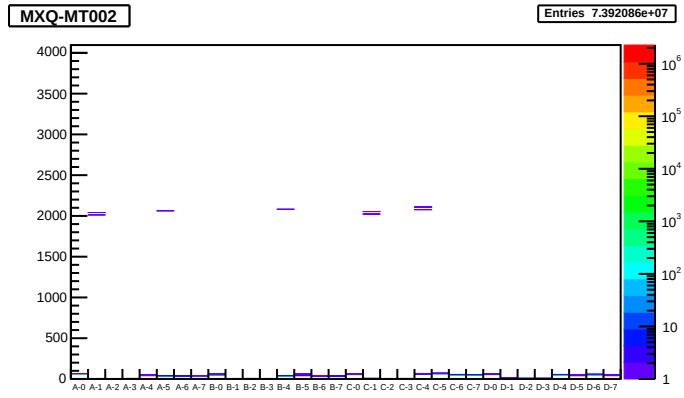

L2-TF201 Input chn 6 -- Number of Muons
Entries2310027
Number of Muons

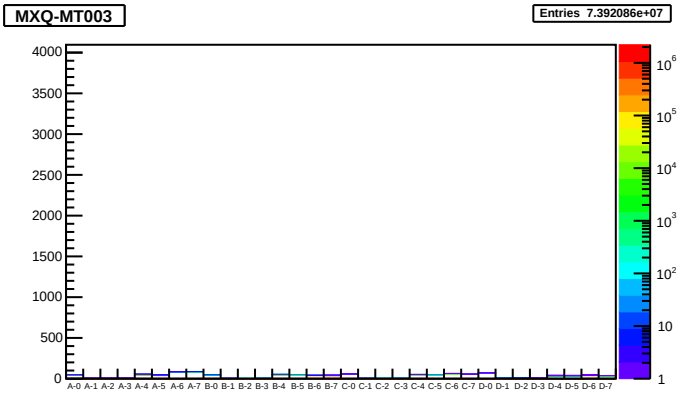

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

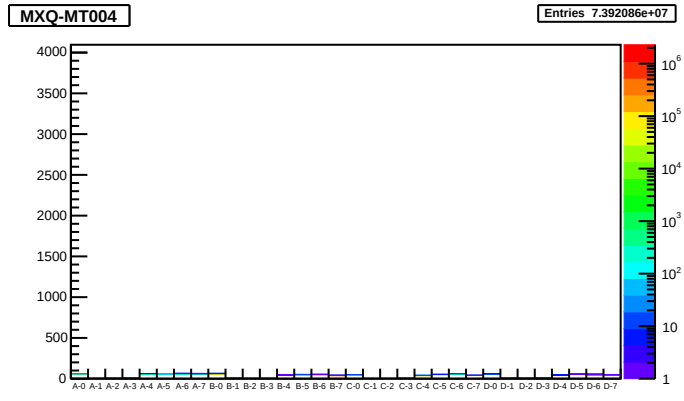

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 6930081
2.31003e+06
2.31003e+06
2.31003e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

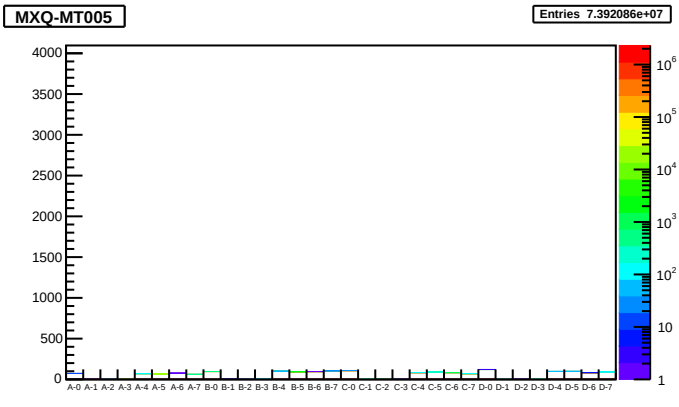

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

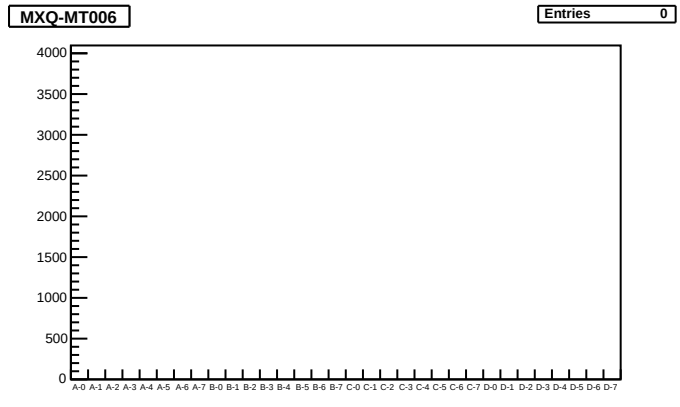

MXQ-MT001
Entries 7.392086e+07

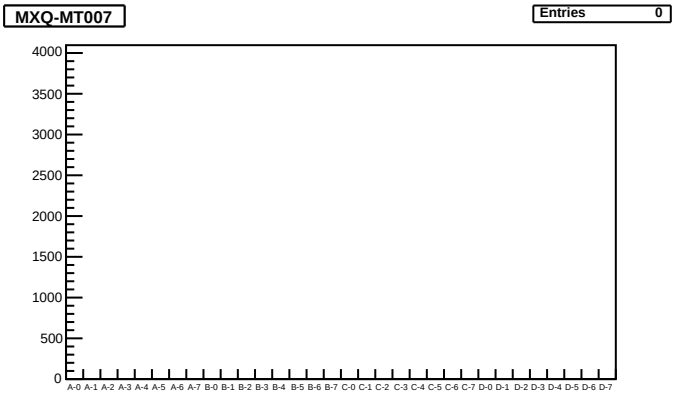

MXQ-MT002
Entries 7.392086e+07

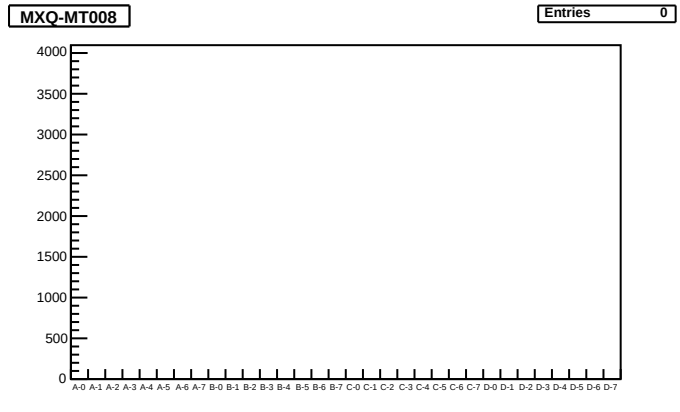

MXQ-MT003
Entries 7.392086e+07

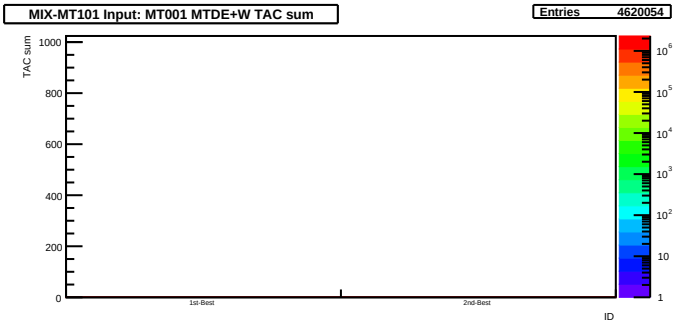

MXQ-MT004
Entries 7.392086e+07

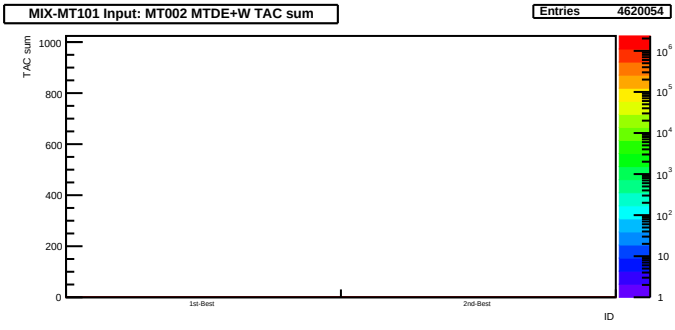

MXQ-MT005
Entries 7.392086e+07

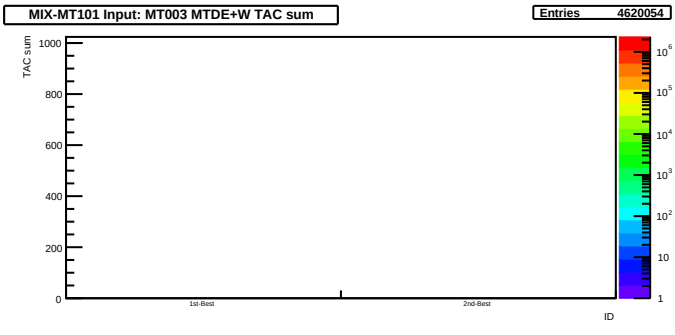

MXQ-MT006
Entries 0

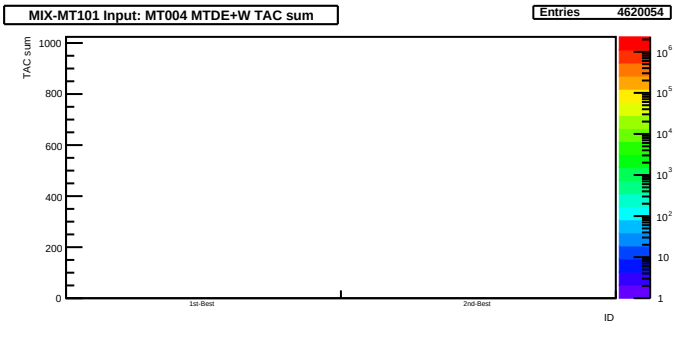

MXQ-MT007
Entries 0

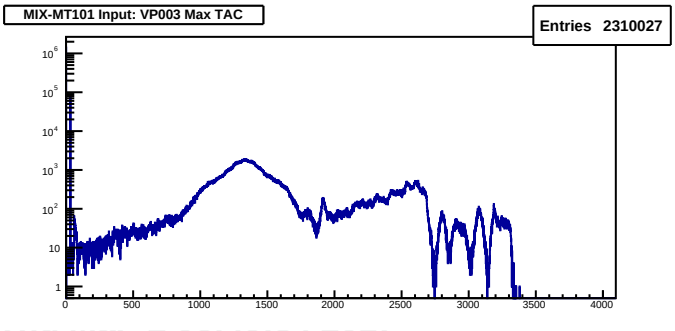

MXQ-MT008
Entries 0

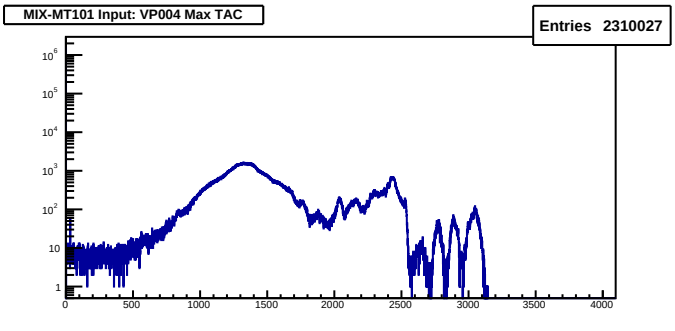

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4620054
TAC sum
1st-Best
2nd-Best
ID

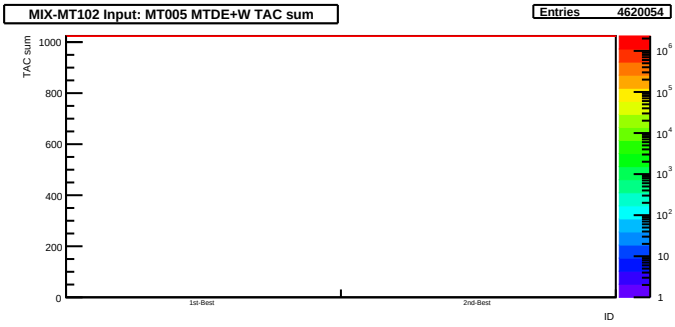

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4620054
TAC sum
1st-Best
2nd-Best
ID

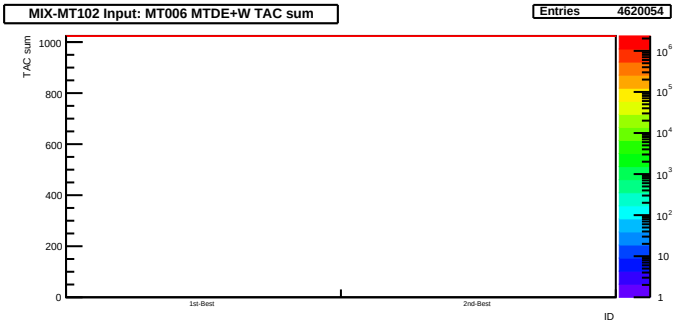

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4620054
TAC sum
1st-Best
2nd-Best
ID

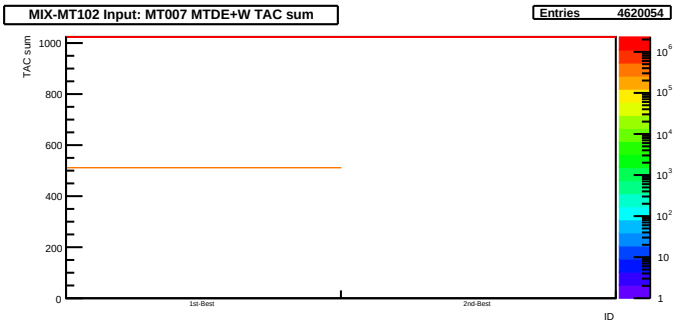

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4620054
TAC sum
1st-Best
2nd-Best
ID

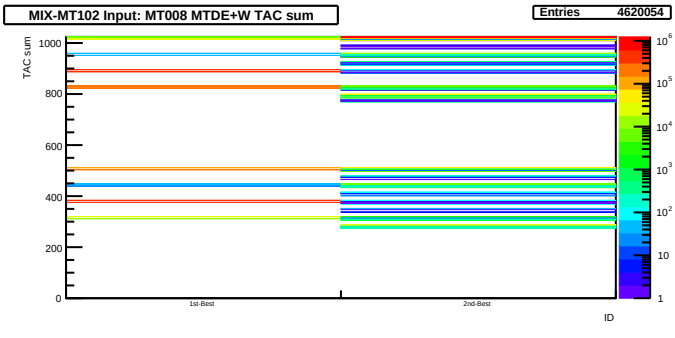

MIX-MT101 Input: VP003 Max TAC
Entries 2310027

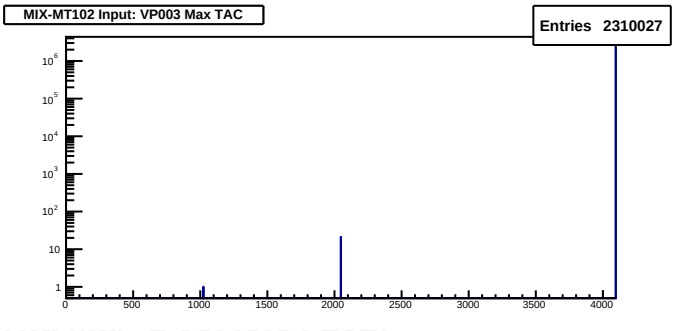

MIX-MT101 Input: VP004 Max TAC
Entries 2310027

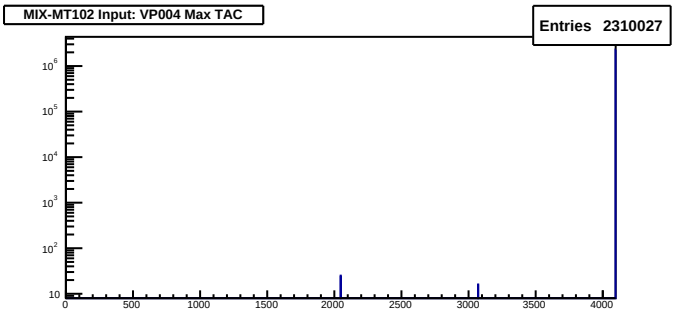

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 4620054
TAC sum
1st-Best
2nd-Best
ID

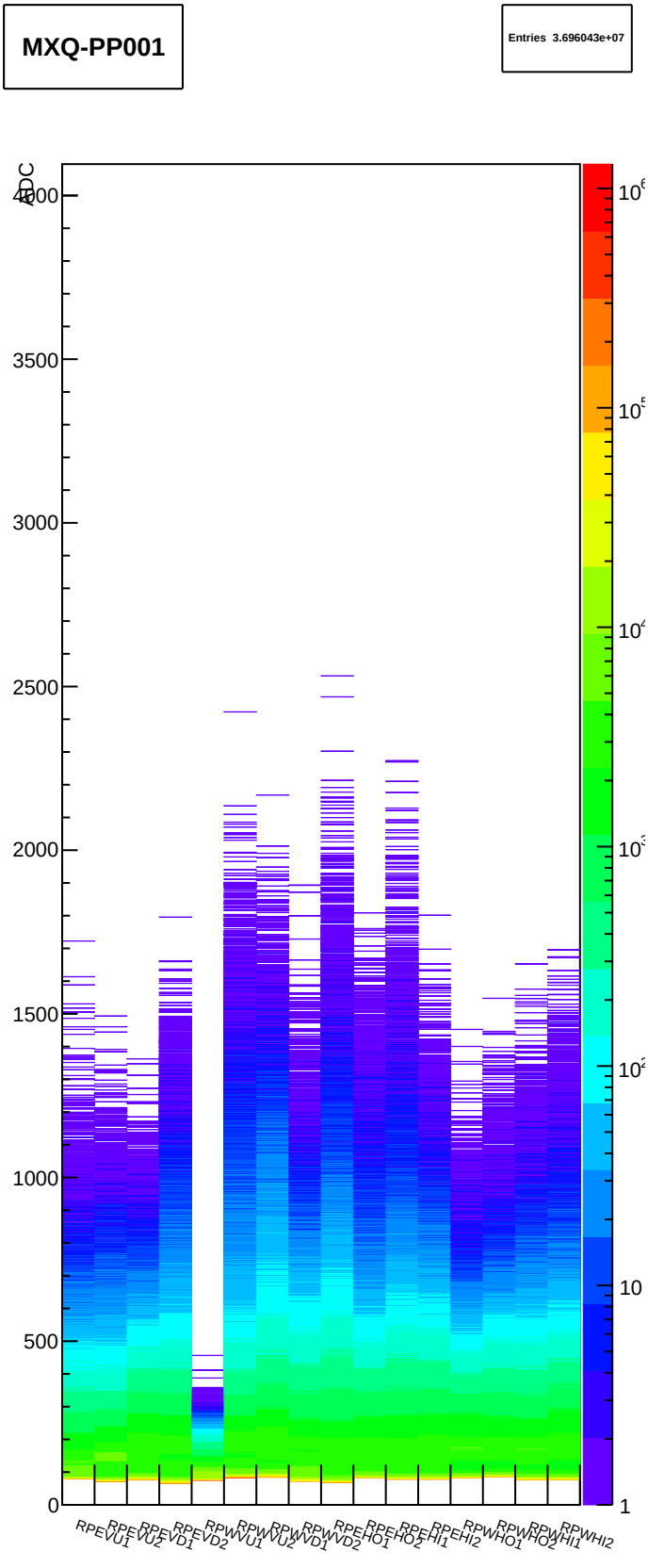

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 4620054
TAC sum
1st-Best
2nd-Best
ID

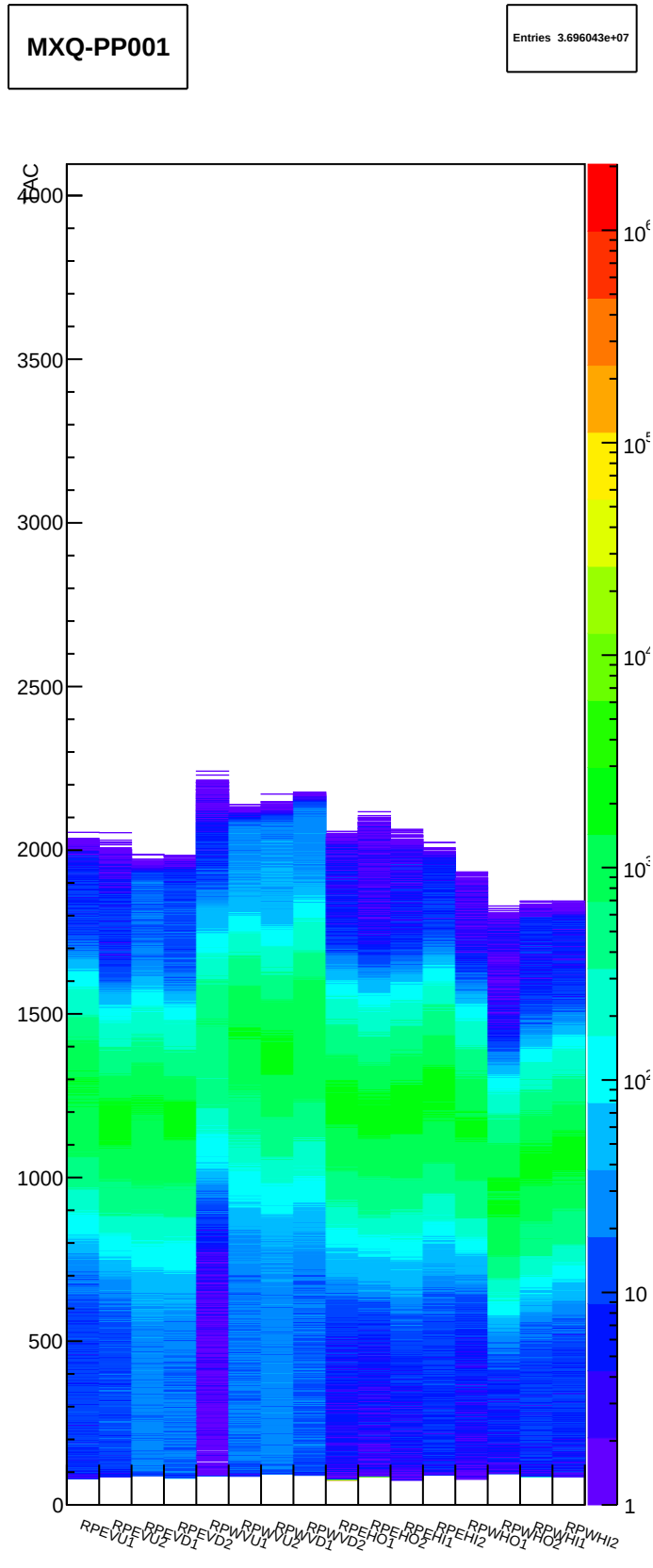

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 4620054
TAC sum
1st-Best
2nd-Best
ID

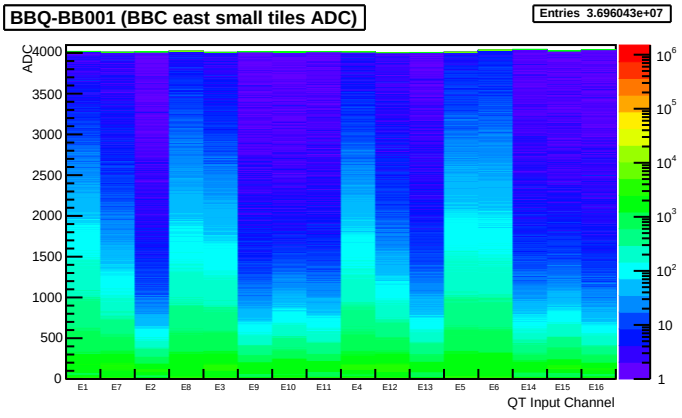

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 4620054
TAC sum
1st-Best
2nd-Best
ID

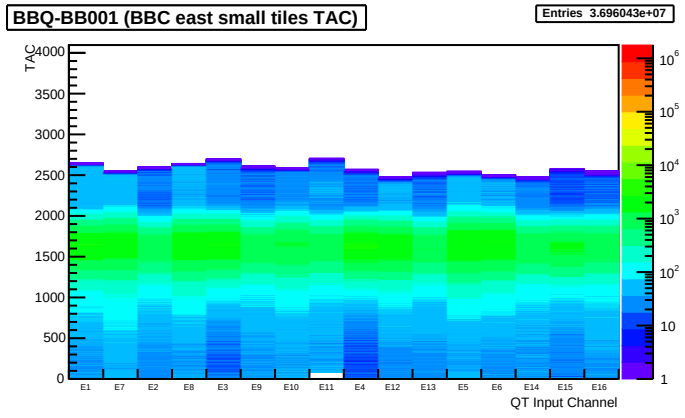

MIX-MT102 Input: VP003 Max TAC
Entries 2310027

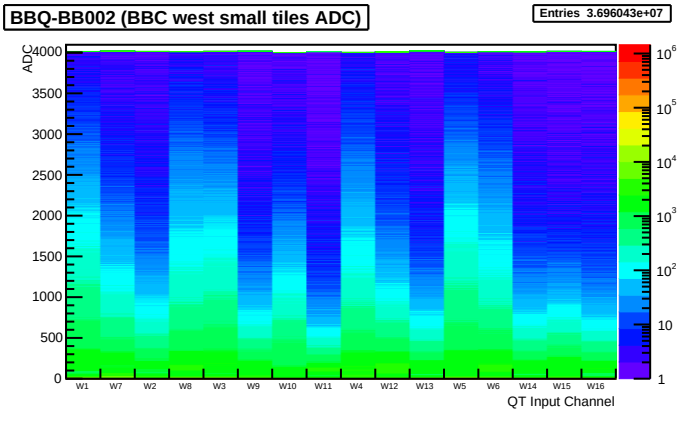

MIX-MT102 Input: VP004 Max TAC
Entries 2310027

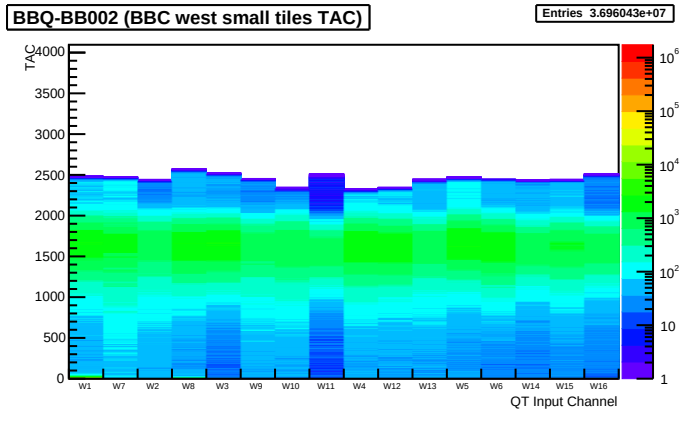

MXQ-PP001
Entries 3.696043e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

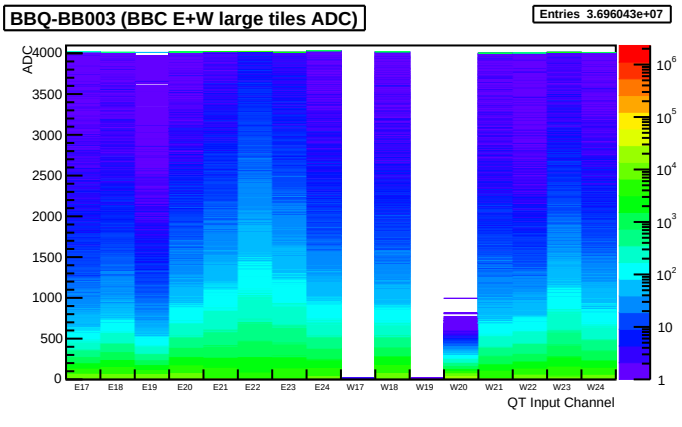

MXQ-PP001
Entries 3.696043e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

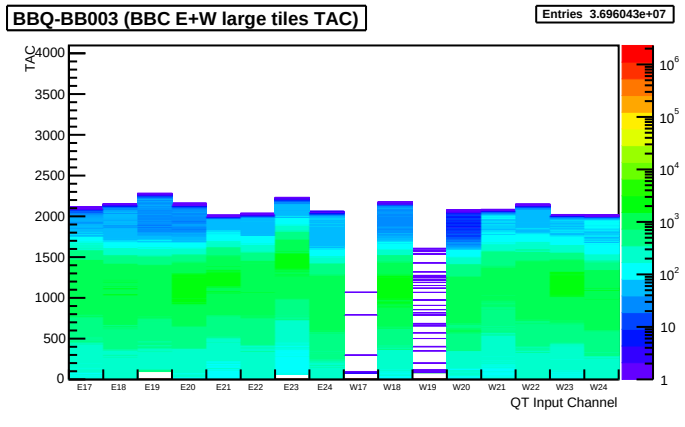

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.696043e+07
ADC
QT Input Channel

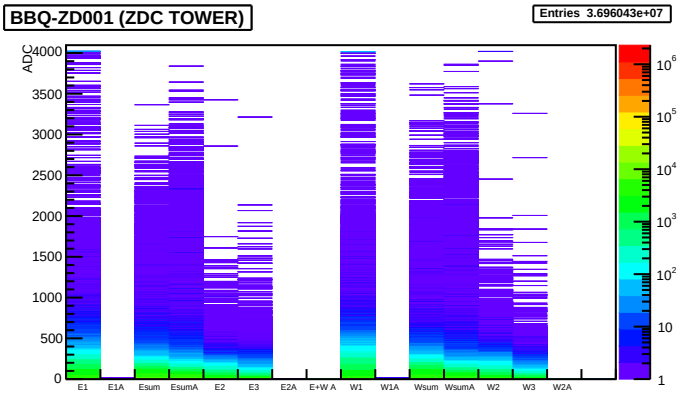

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.696043e+07
TAC
QT Input Channel

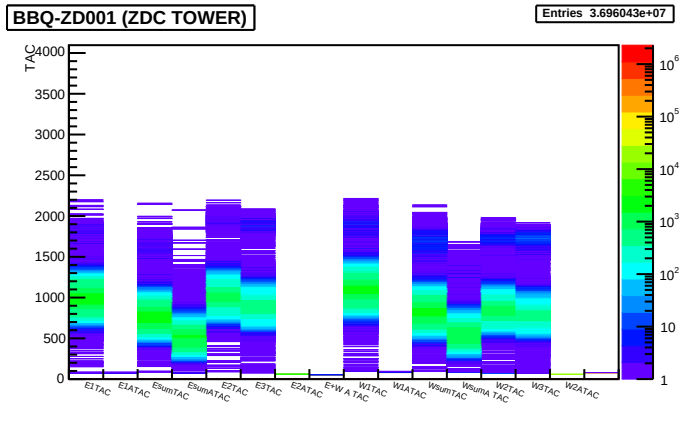

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.696043e+07
ADC
QT Input Channel

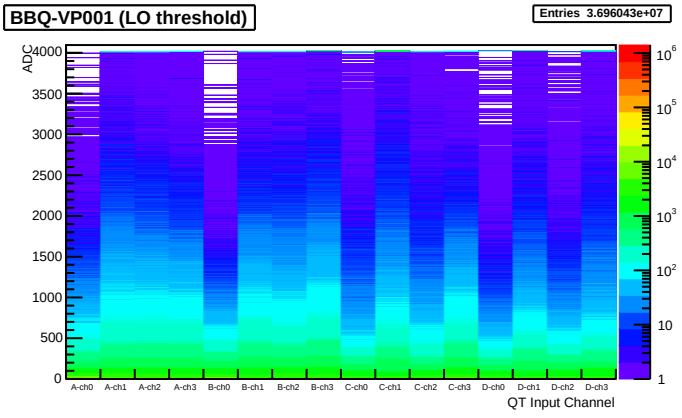

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.696043e+07
TAC
QT Input Channel

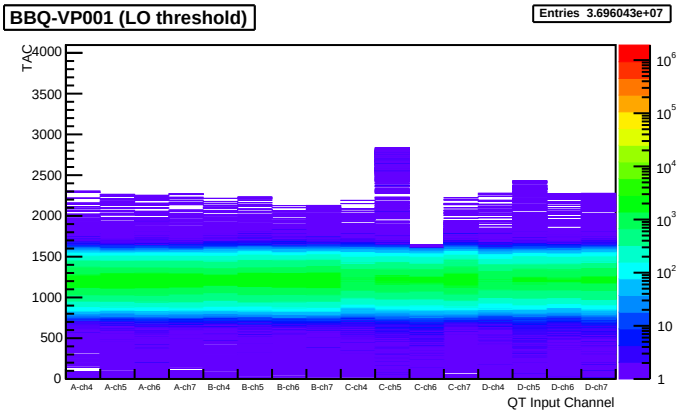

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.696043e+07
ADC
QT Input Channel

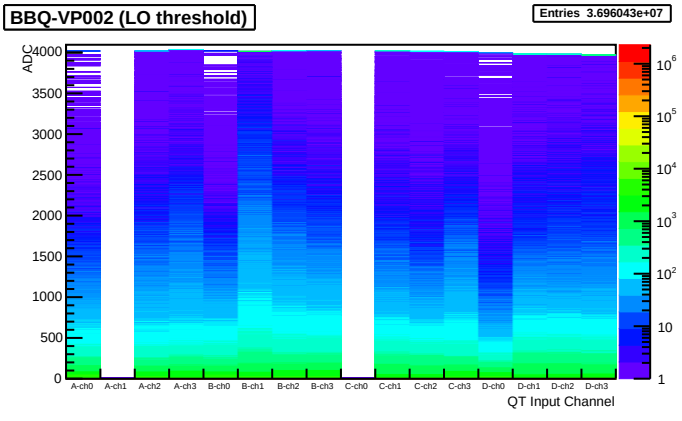

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.696043e+07
TAC
QT Input Channel

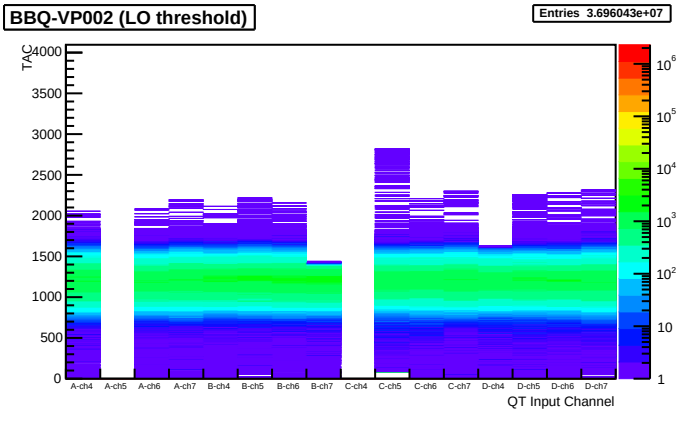

BBQ-ZD001 (ZDC TOWER)
Entries 3.696043e+07
ADC

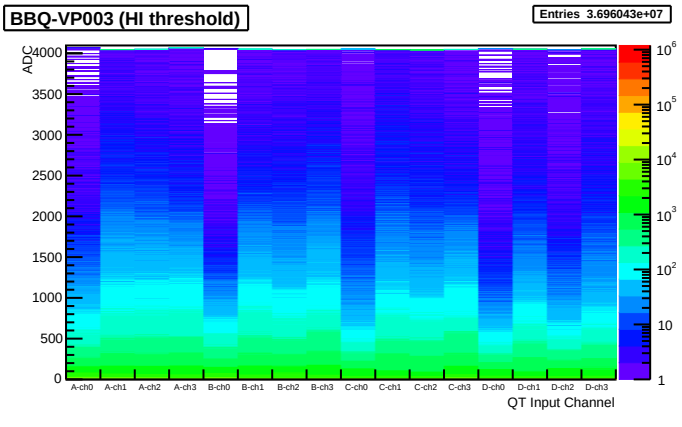

BBQ-ZD001 (ZDC TOWER)
Entries 3.696043e+07
TAC

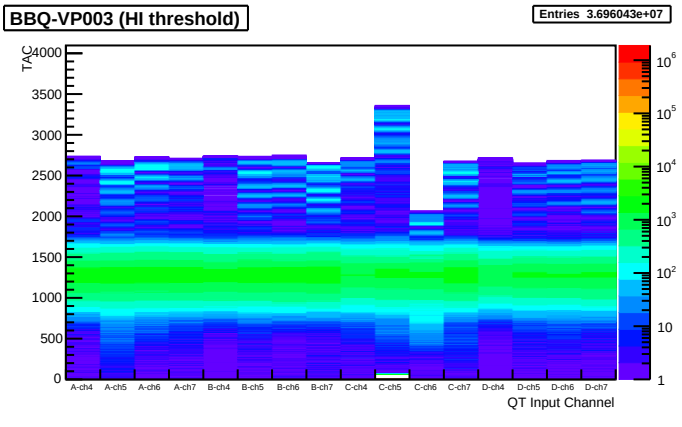

BBQ-VP001 (LO threshold)
Entries 3.696043e+07
ADC
QT Input Channel

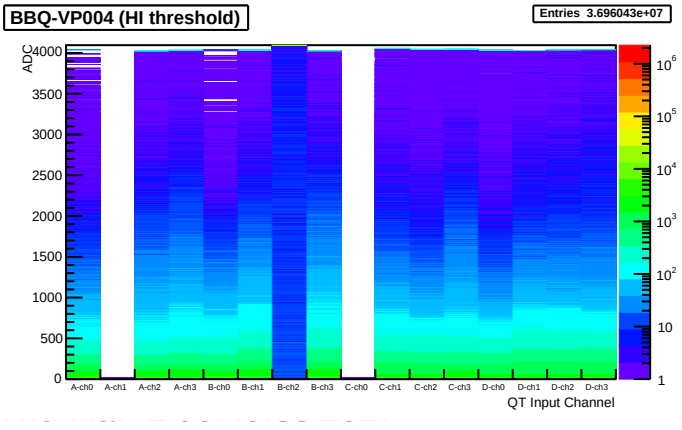

BBQ-VP001 (LO threshold)
Entries 3.696043e+07
TAC
QT Input Channel

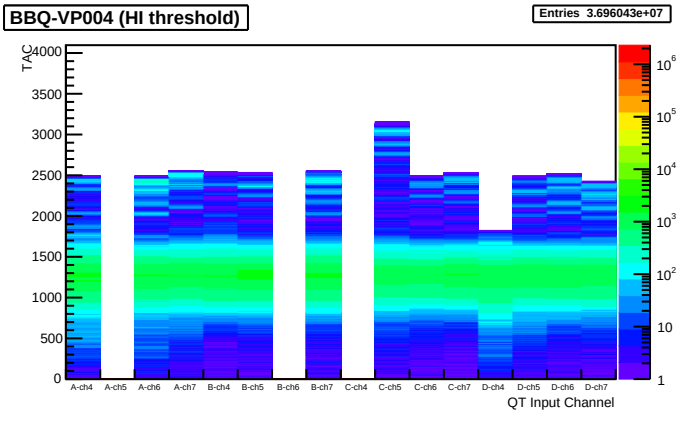

BBQ-VP002 (LO threshold)
Entries 3.696043e+07
ADC
QT Input Channel

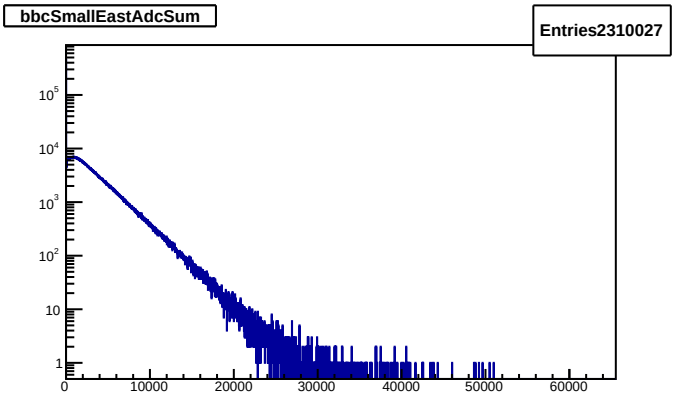

BBQ-VP002 (LO threshold)
Entries 3.696043e+07
TAC
QT Input Channel

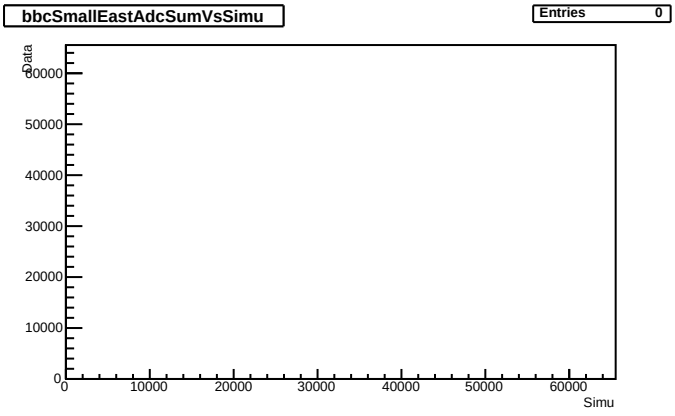

BBQ-VP003 (HI threshold)
Entries 3.696043e+07
ADC
QT Input Channel

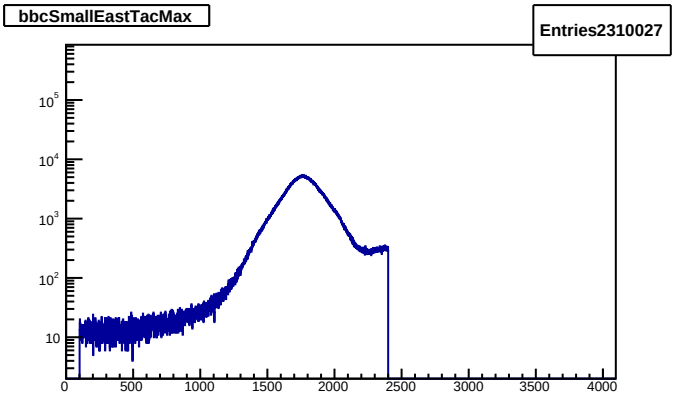

BBQ-VP003 (HI threshold)
Entries 3.696043e+07
TAC
QT Input Channel

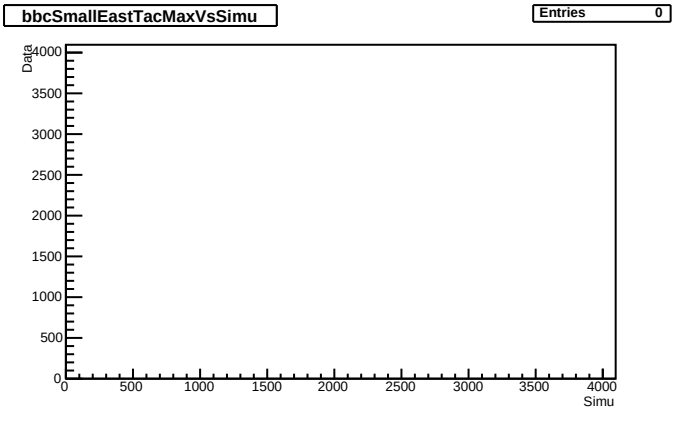

BBQ-VP004 (HI threshold)
Entries 3.696043e+07
ADC
QT Input Channel

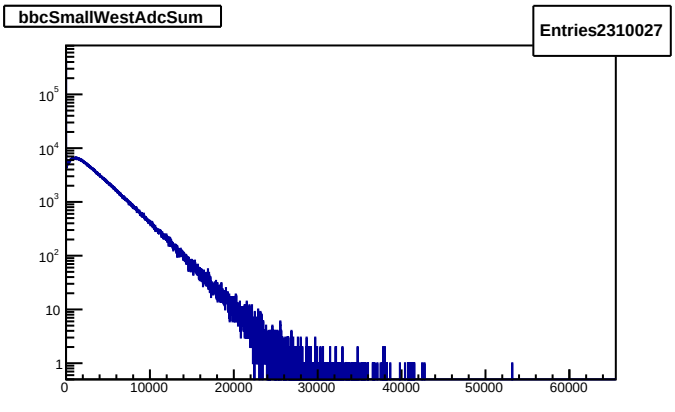

BBQ-VP004 (HI threshold)
Entries 3.696043e+07
TAC
QT Input Channel

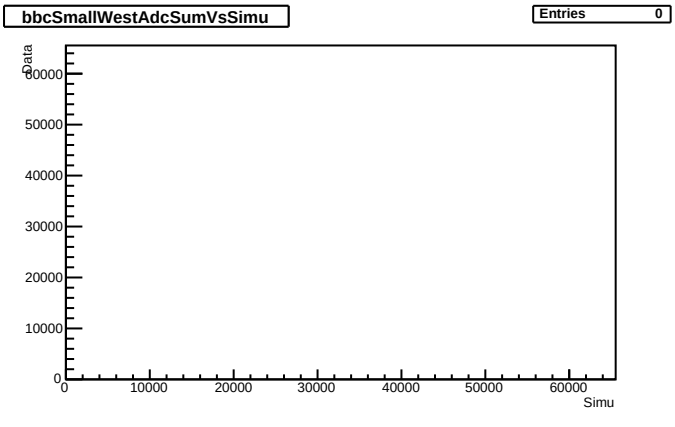

bbcSmallEastAdcSum
Entries2310027

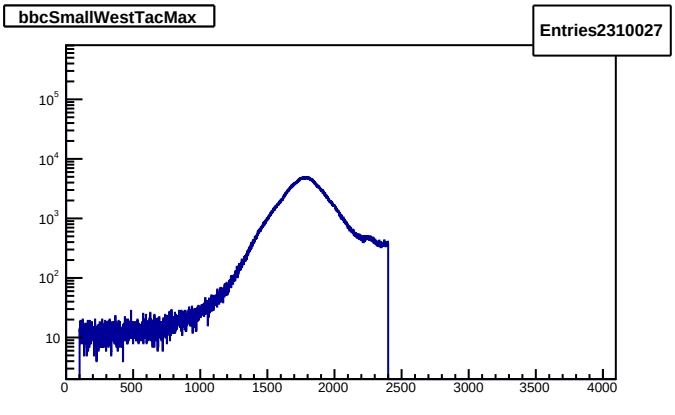

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

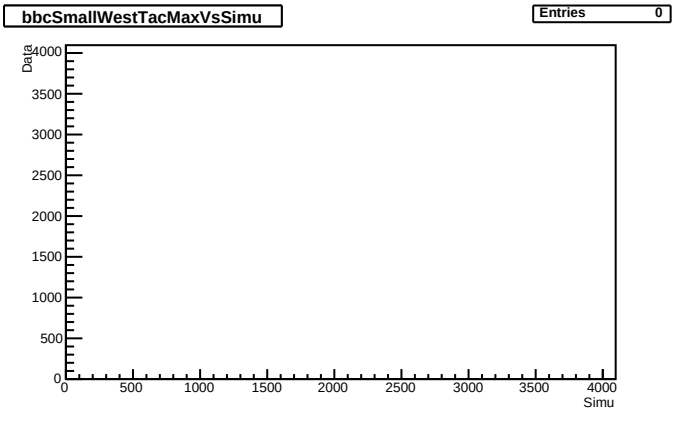

bbcSmallEastTacMax
Entries2310027

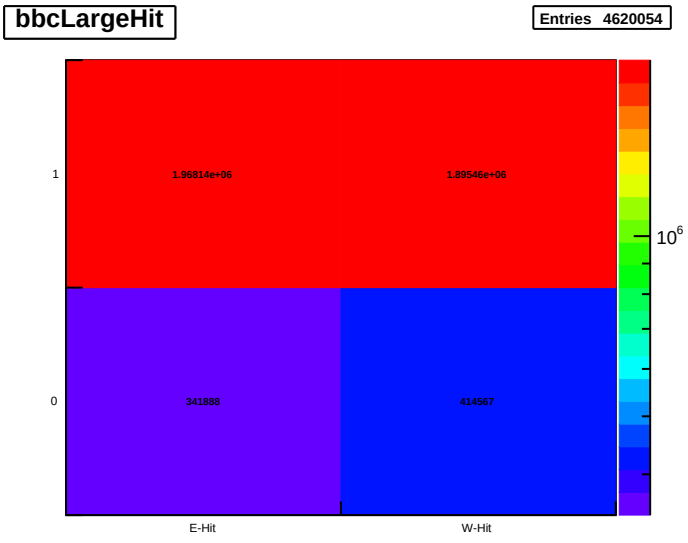

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

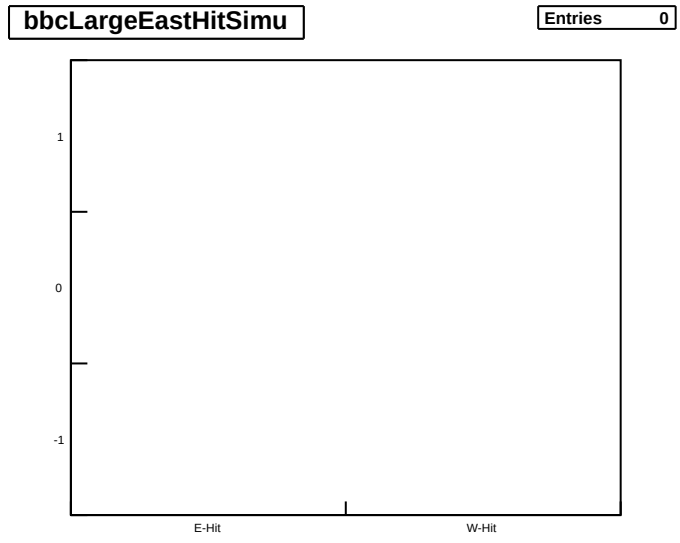

bbcSmallWestAdcSum
Entries2310027

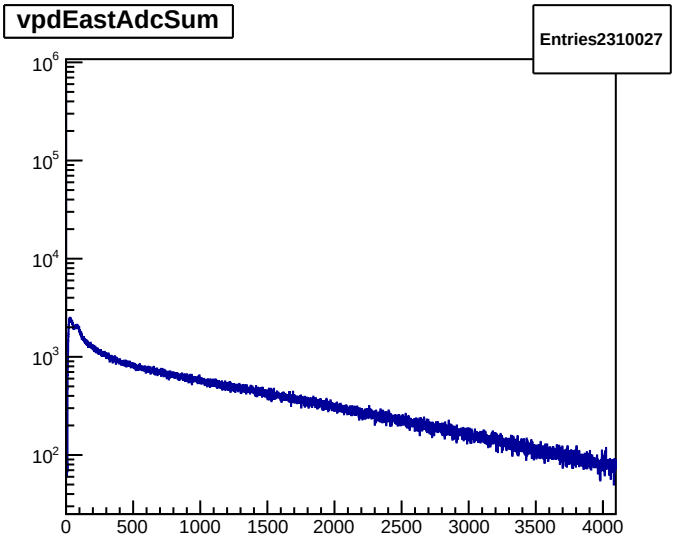

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

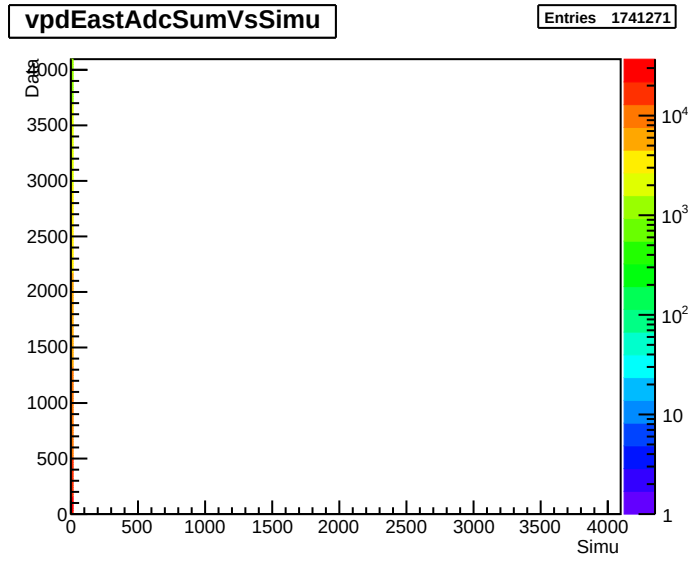

bbcSmallWestTacMax
Entries2310027

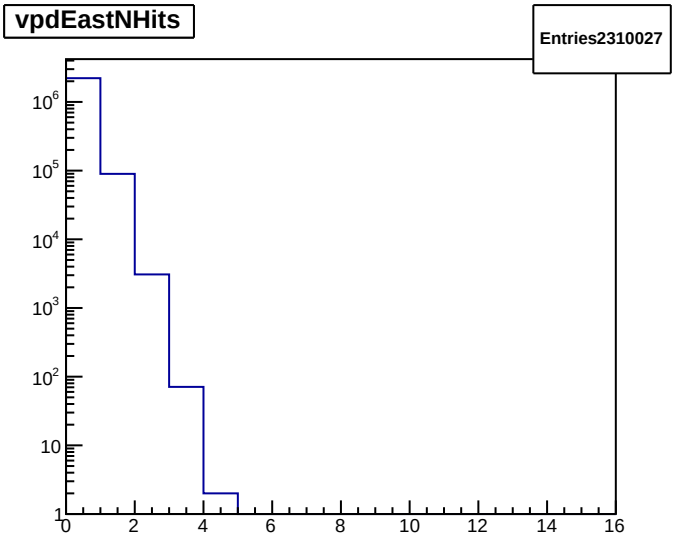

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

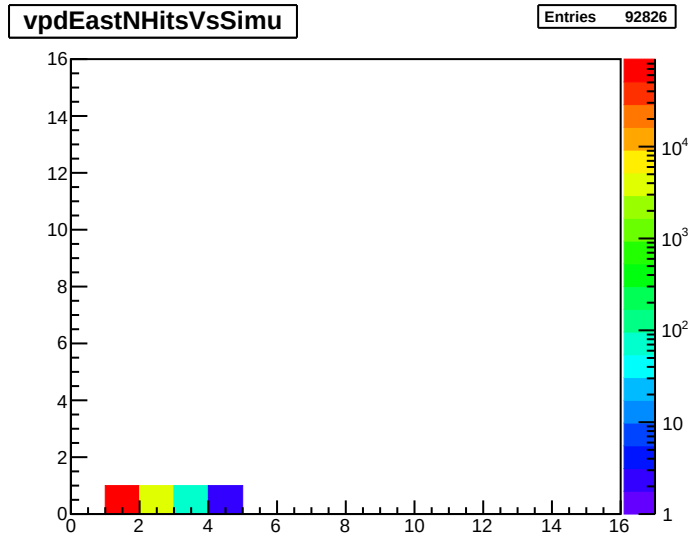

bbcLargeHit
Entries 4620054
1.96814e+06
1.89546e+06
341888
414567
1
0
E-Hit
W-Hit
10^6

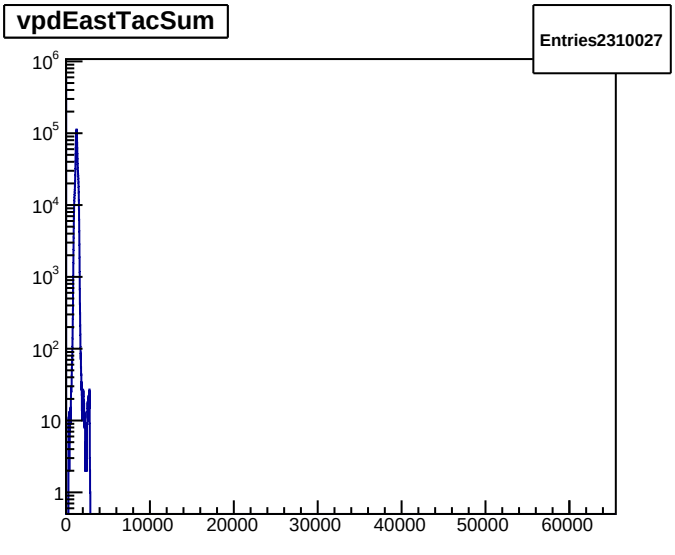

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

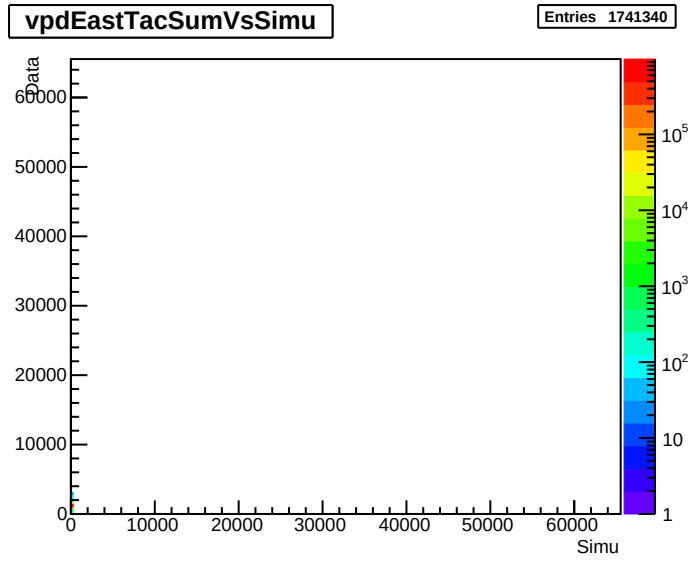

vpdEastAdcSum
Entries2310027

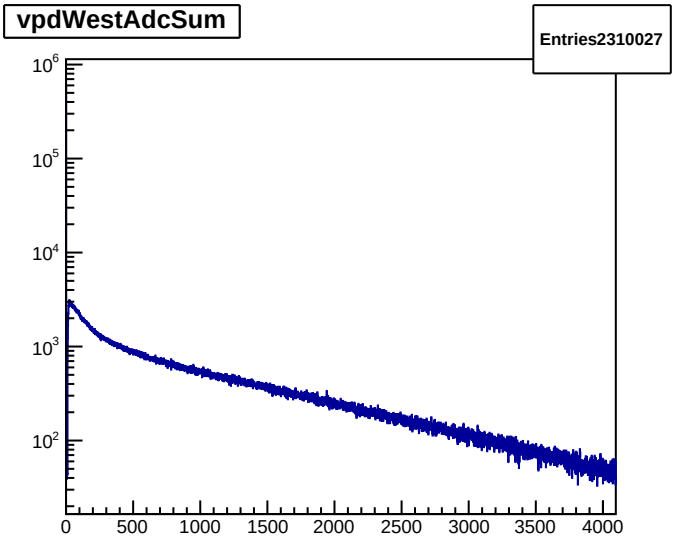

vpdEastAdcSumVsSimu
Entries 1741271
Data
Simu

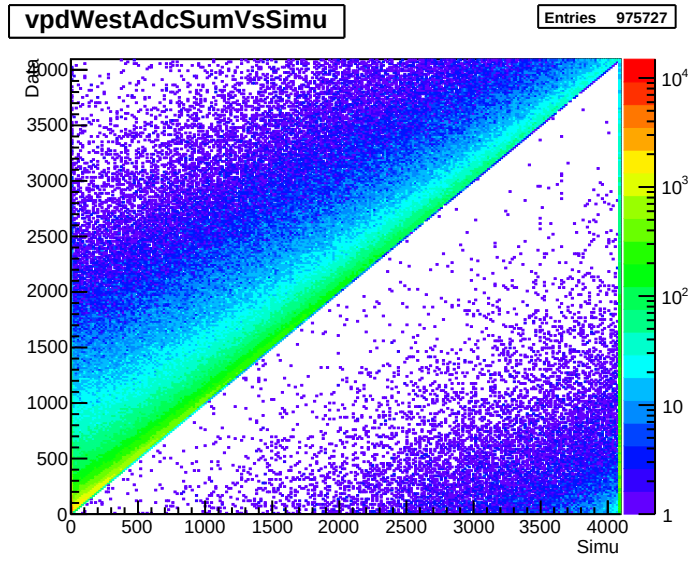

vpdEastNHits
Entries2310027

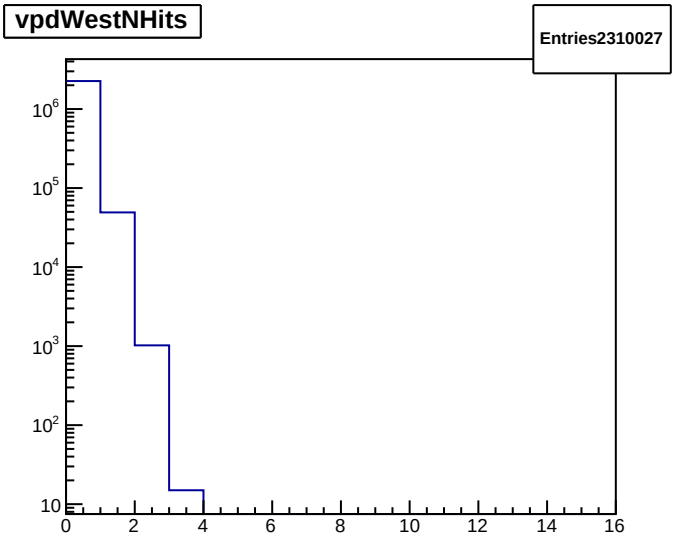

vpdEastNHitsVsSimu
Entries 92826

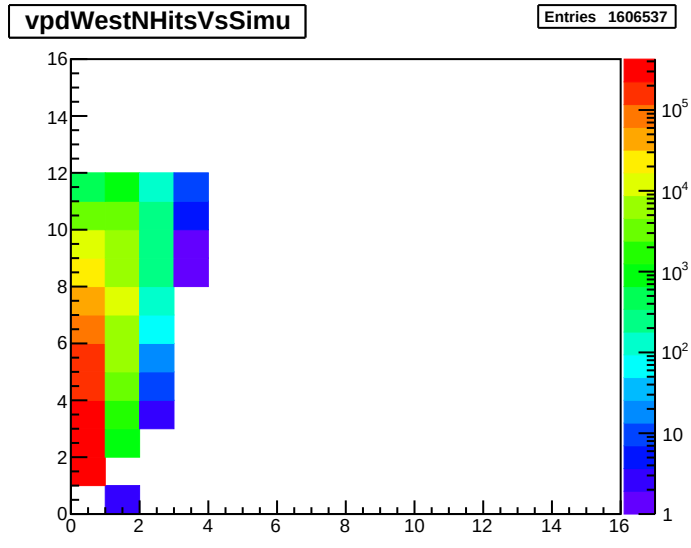

vpdEastTacSum
Entries2310027

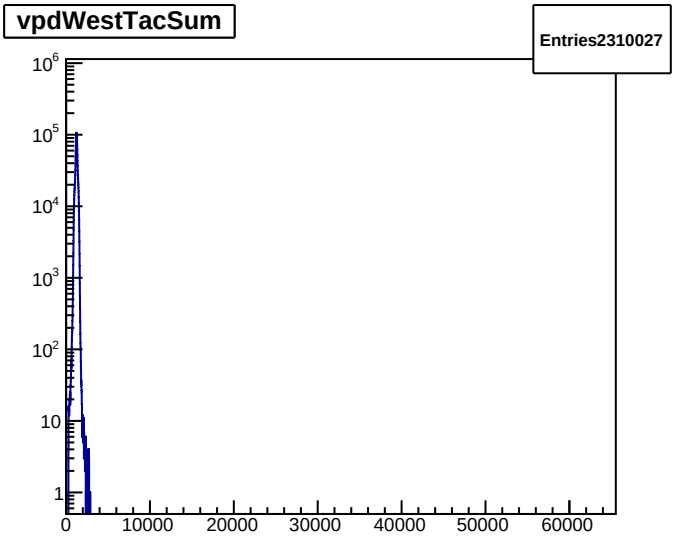

vpdEastTacSumVsSimu
Entries 1741340
Data
Simu

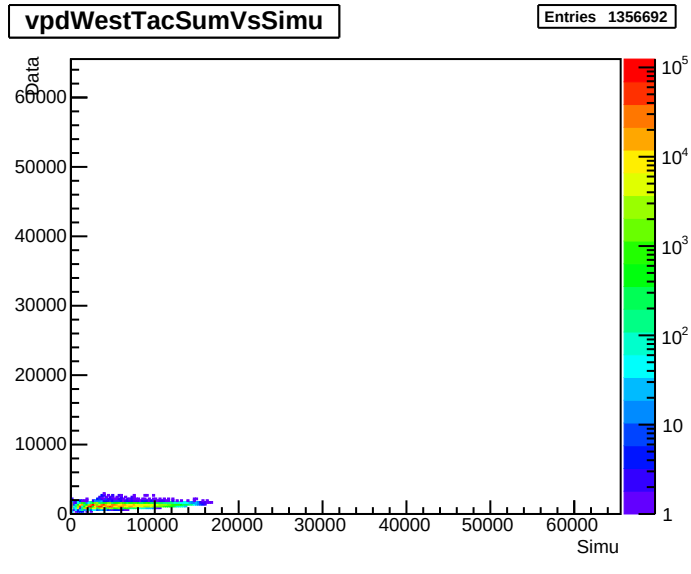

vpdWestAdcSum
Entries2310027

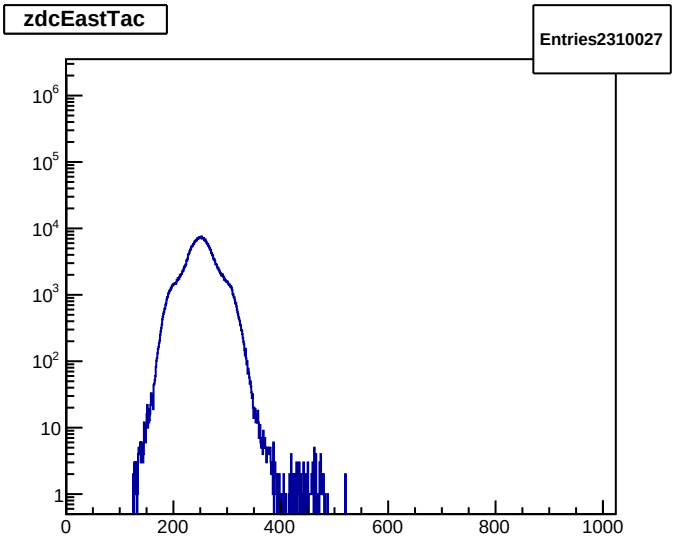

vpdWestAdcSumVsSimu
Entries 975727
Data
Simu

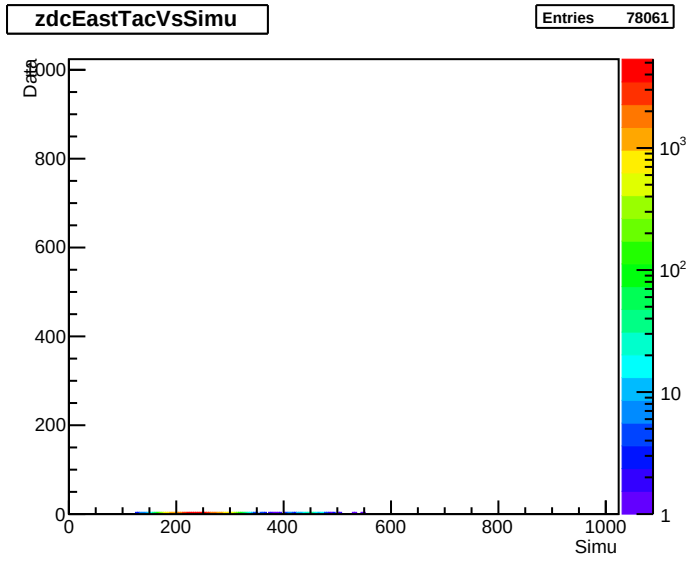

vpdWestNHits
Entries2310027

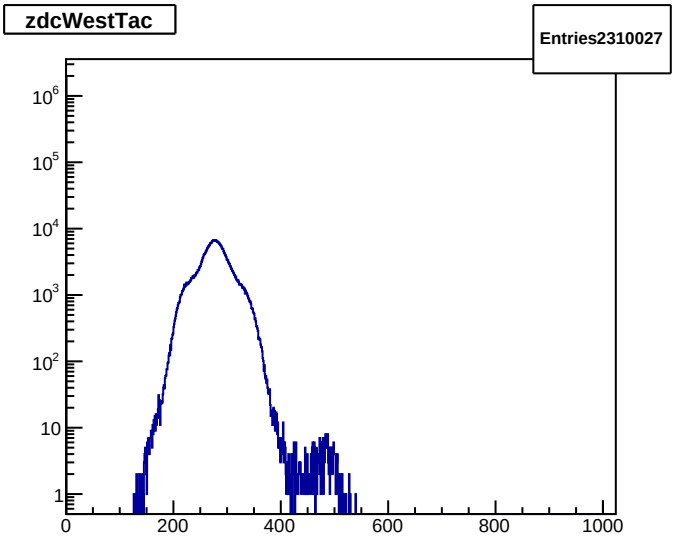

vpdWestNHitsVsSimu
Entries 1606537

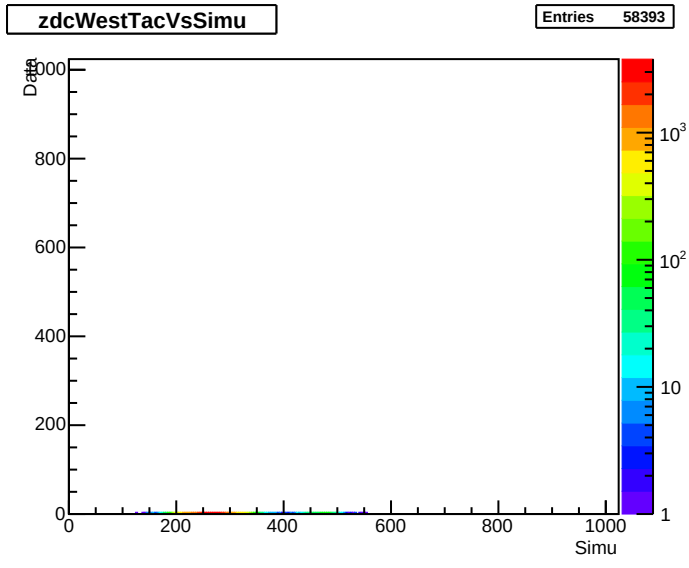

vpdWestTacSum
Entries2310027

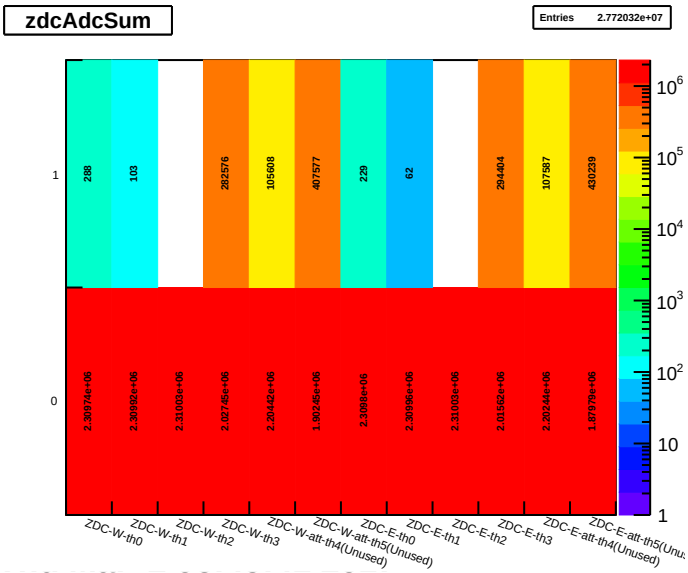

vpdWestTacSumVsSimu
Entries 1356692
Data
Simu

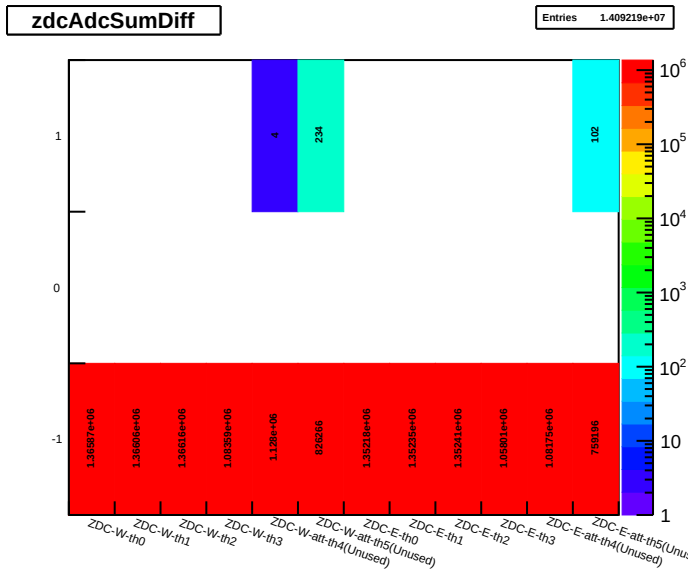

zdcEastTac
Entries2310027

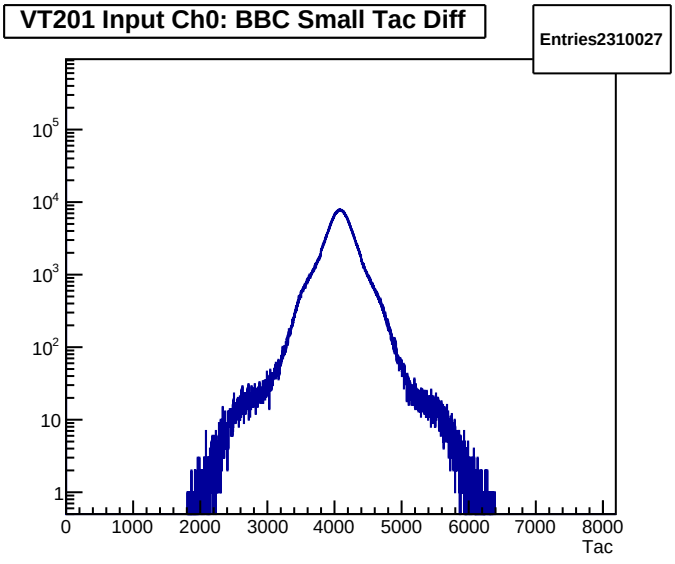

zdcEastTacVsSimu
Entries 78061
Data
Simu

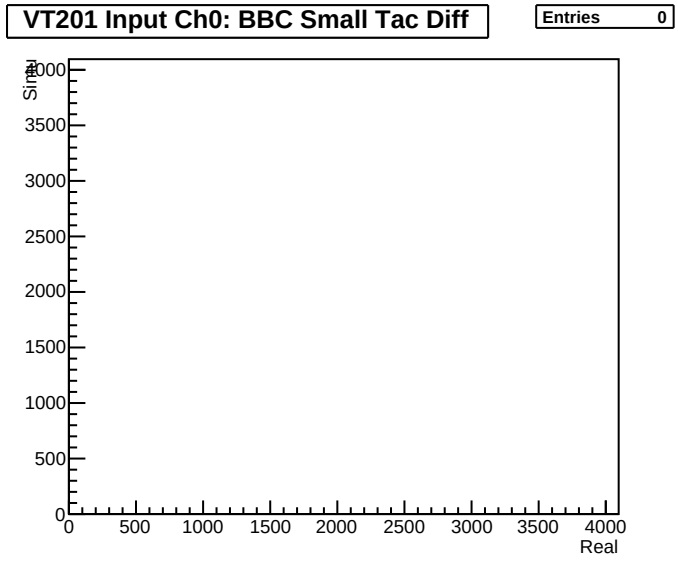

zdcWestTac
Entries2310027

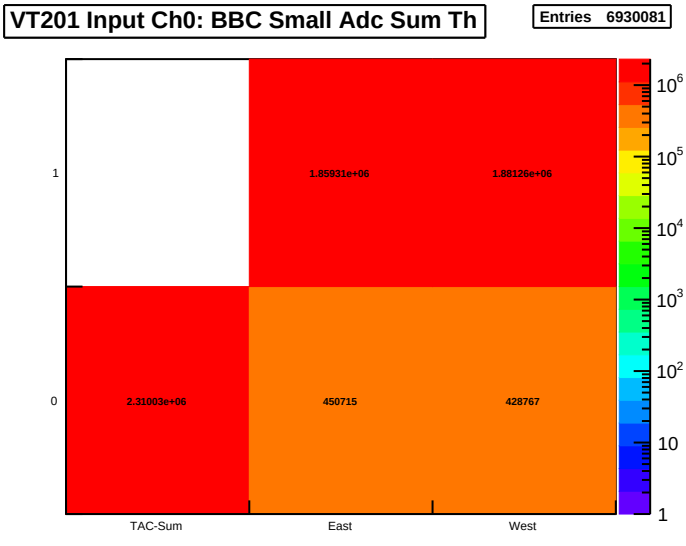

zdcWestTacVsSimu
Entries 58393
Data
Simu

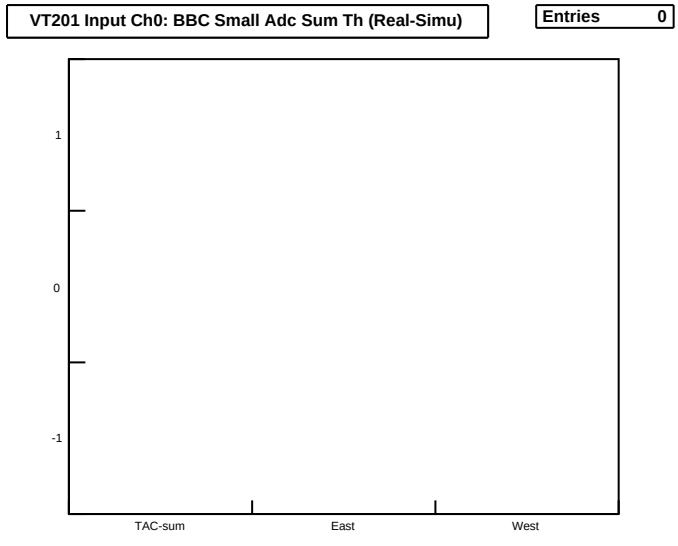

zdcAdcSum
Entries 2.772032e+07
288
103
282576
105608
407577
229
62
294404
107587
430239
2.30974e+06
2.30992e+06
2.31003e+06
2.02745e+06
2.20442e+06
1.90245e+06
2.3098e+06
2.30996e+06
2.31003e+06
2.01562e+06
2.20244e+06
1.87979e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

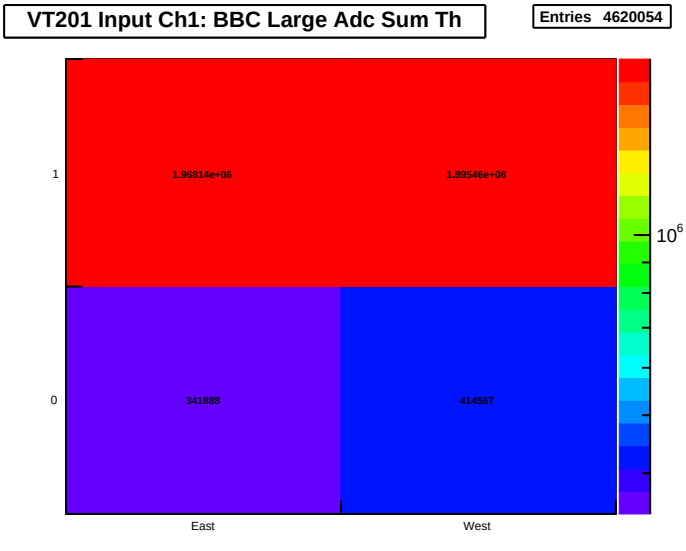

zdcAdcSumDiff
Entries 1.409219e+07
4
234
102
1.36587e+06
1.36606e+06
1.36616e+06
1.08359e+06
1.12e+06
826266
1.35218e+06
1.35235e+06
1.35241e+06
1.05801e+06
1.08175e+06
759196
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

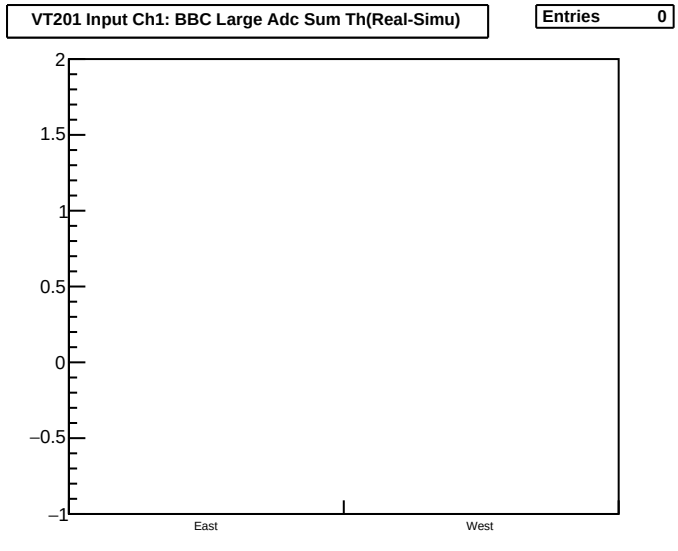

VT201 Input Ch0: BBC Small Tac Diff
Entries2310027
Tac


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

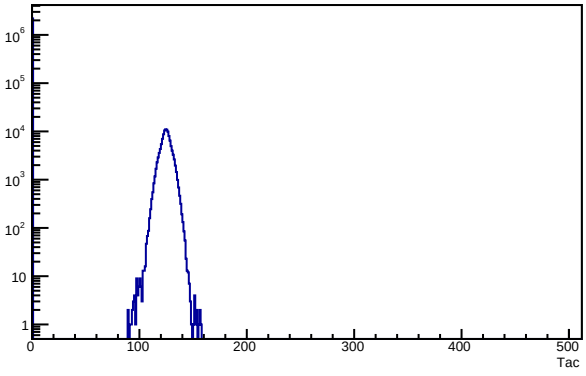

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6930081
1.85931e+06
1.88126e+06
2.31003e+06
450715
428767
TAC-Sum
East
West


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

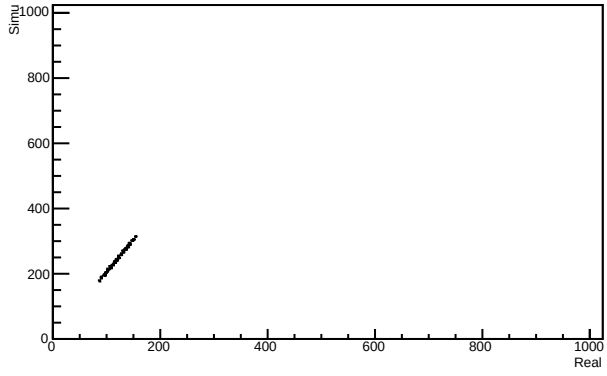

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4620054
1.96814e+06
1.89546e+06
341888
414567
East
West


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

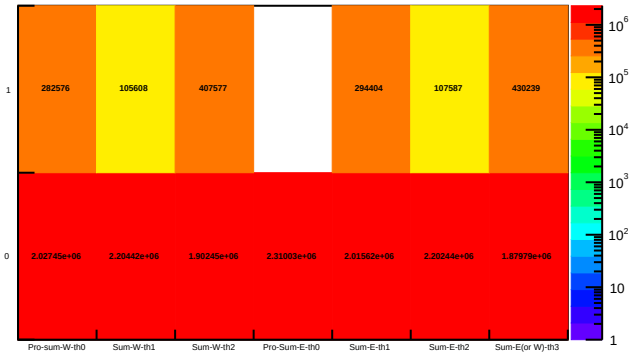
VT201 Input Ch2: ZDC Tac Diff



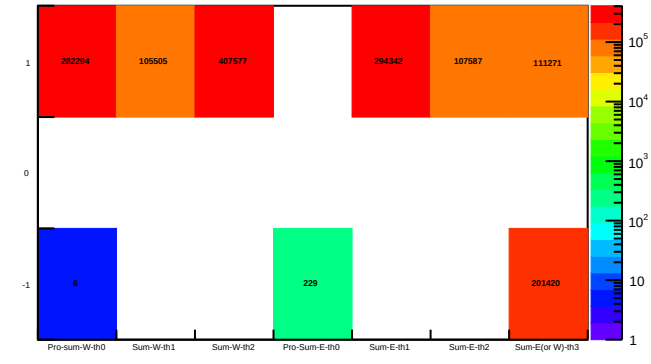
VT201 Input Ch2: ZDC Tac Diff



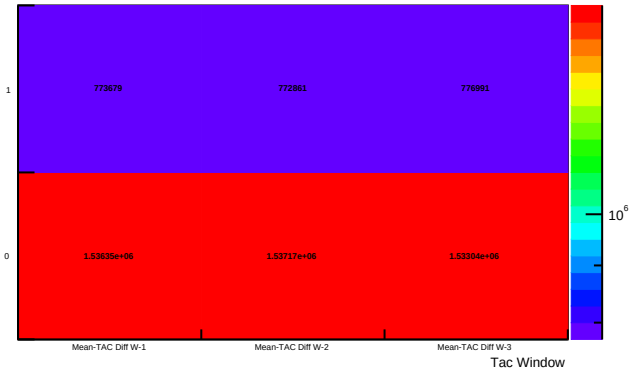
VT201 Input Ch2: ZDC Adc Sum Th



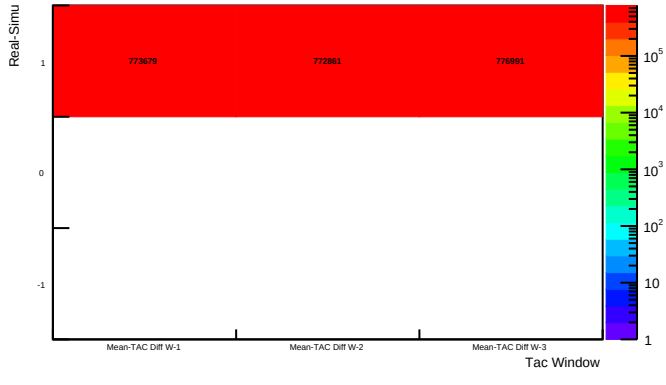
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



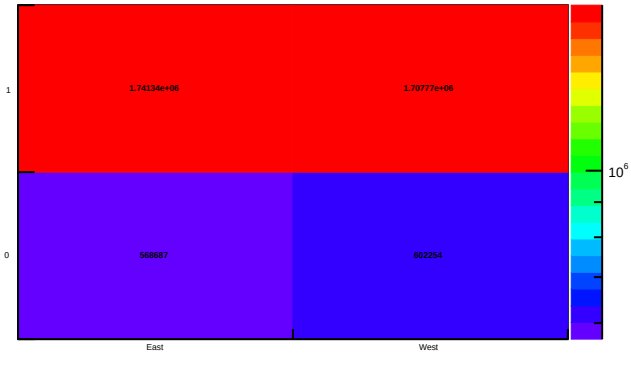
VT201 Input Ch4: VPD Tac Diff



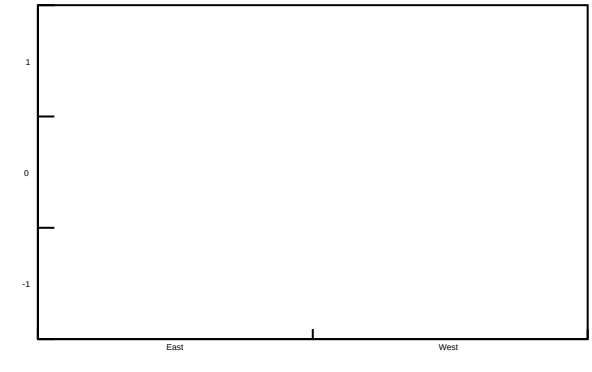
VT201 Input Ch4: VPD Tac Diff

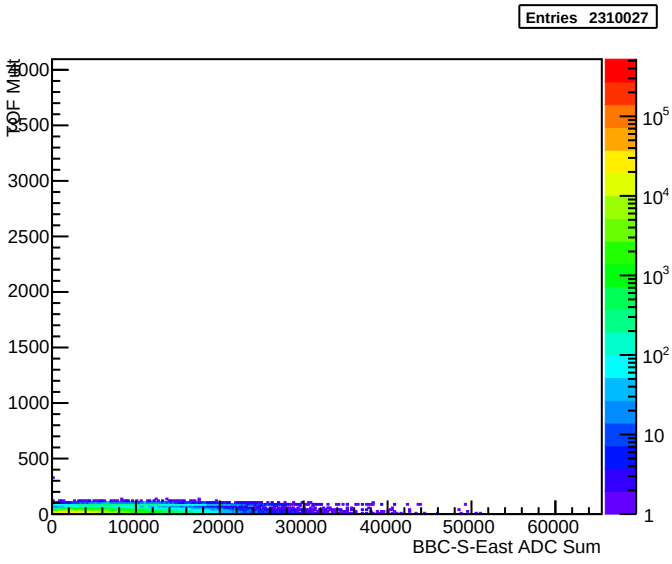


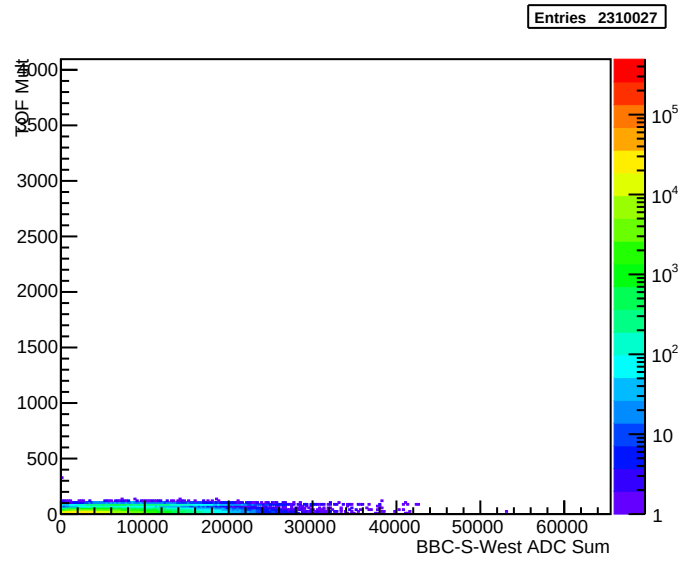
VT201 Input Ch4: VPD Adc Sum Th

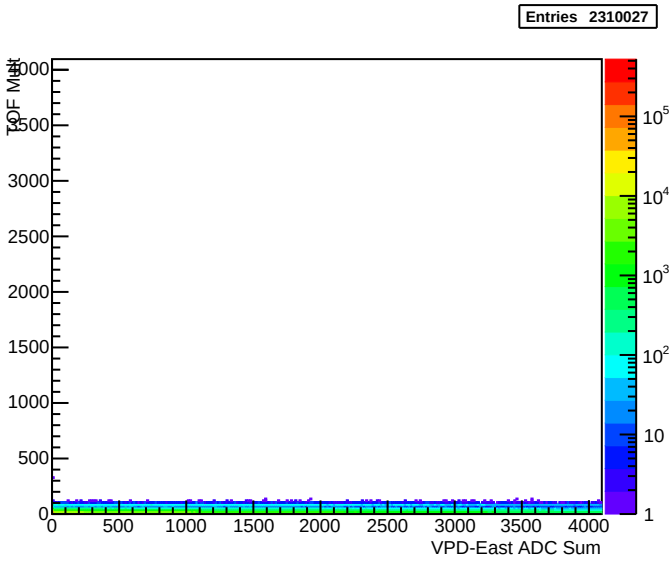


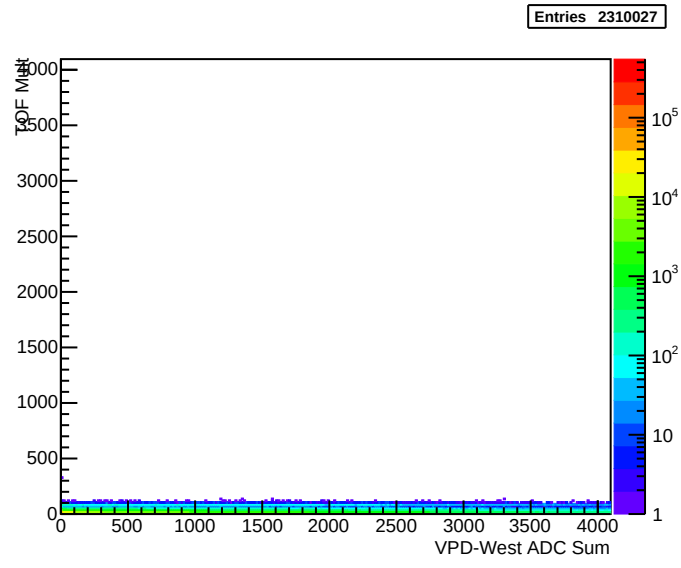
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

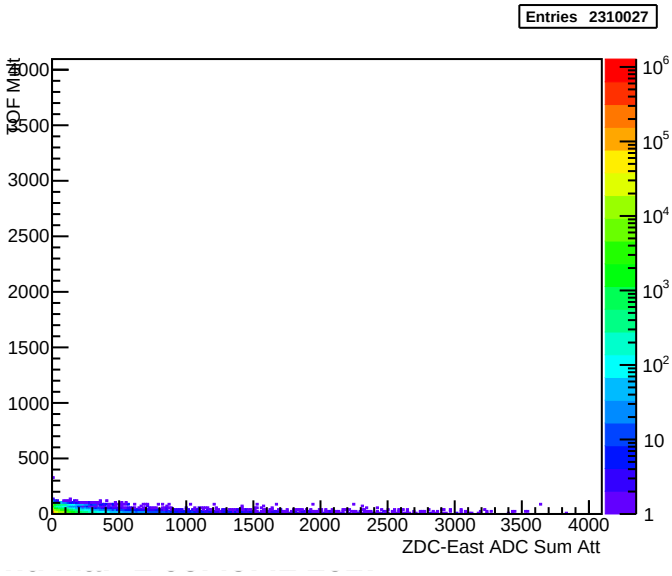


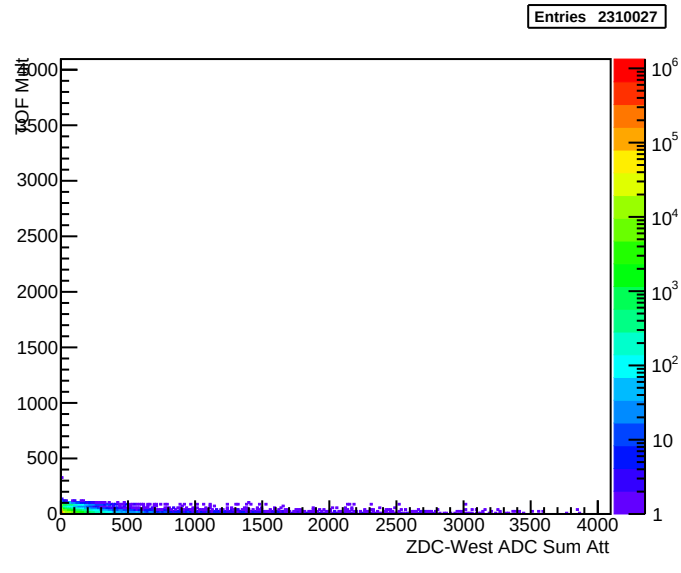

Entries 2310027
TOF Mult
BBC-S-East ADC Sum

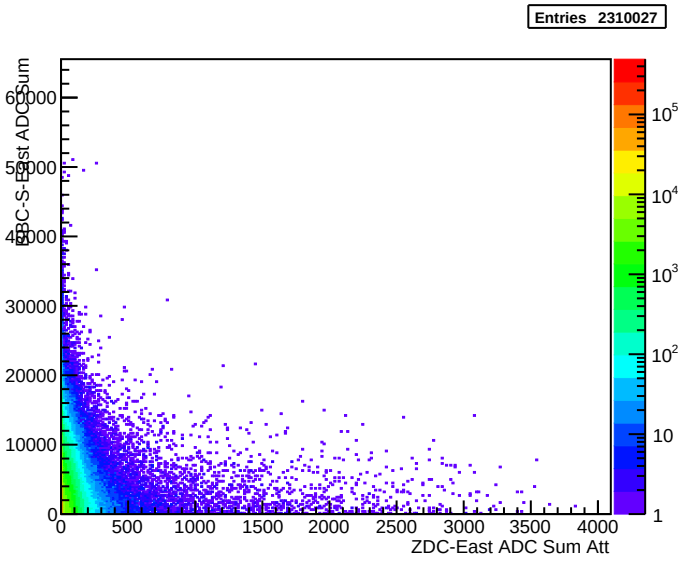

Entries 2310027
TOF Mult
BBC-S-West ADC Sum

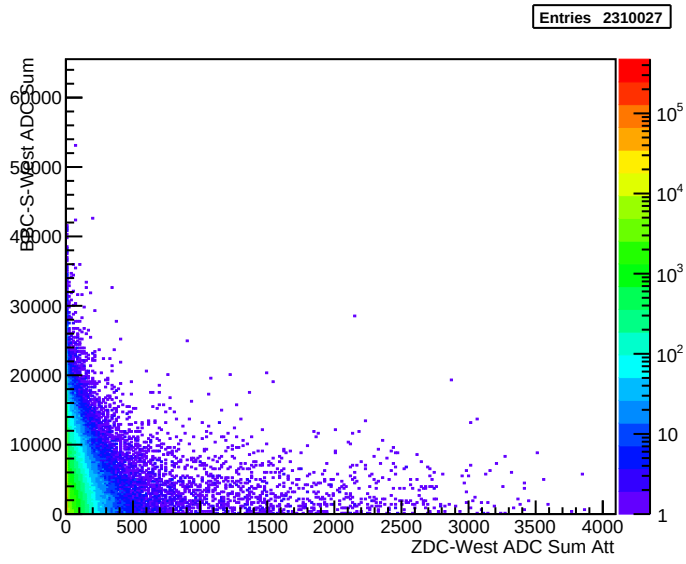

Entries 2310027
TOF Mult
VPD-East ADC Sum

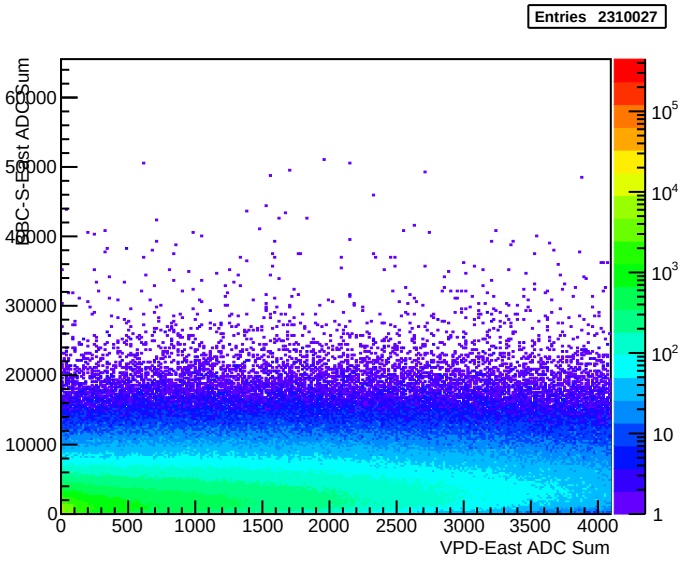

Entries 2310027
TOF Mult
VPD-West ADC Sum

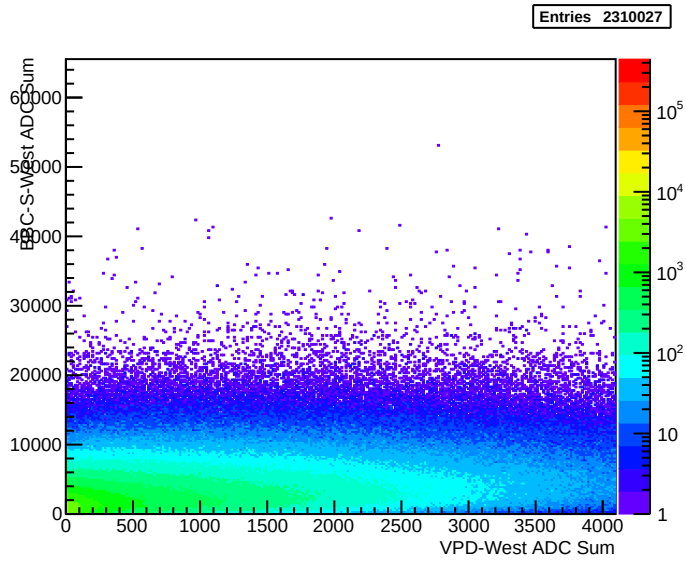

Entries 2310027
TOF Mult
ZDC-East ADC Sum Att

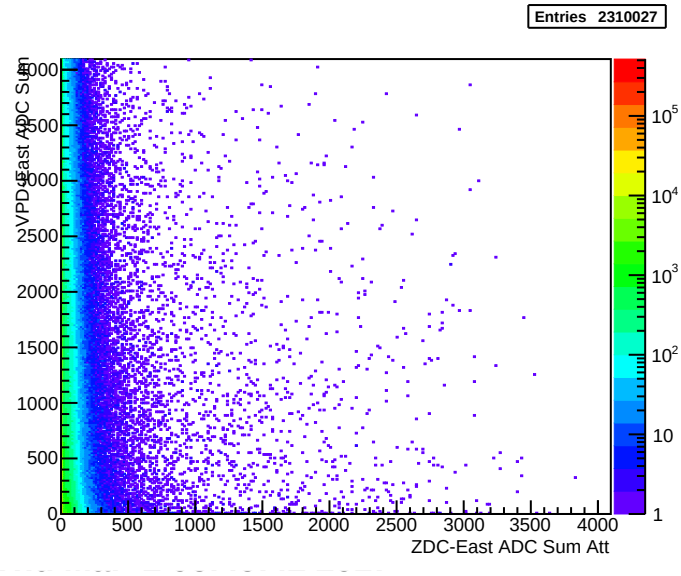

Entries 2310027
TOF Mult
ZDC-West ADC Sum Att

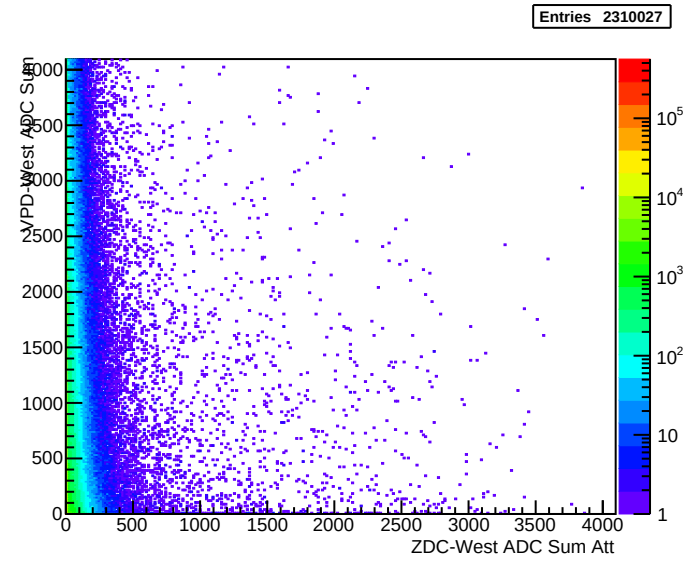

Entries 2310027
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

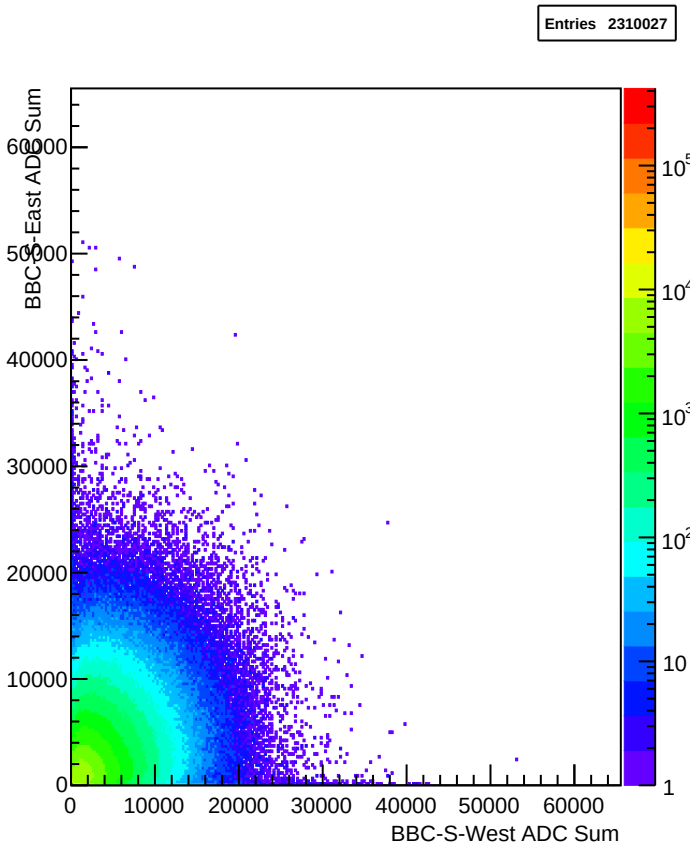

Entries 2310027
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

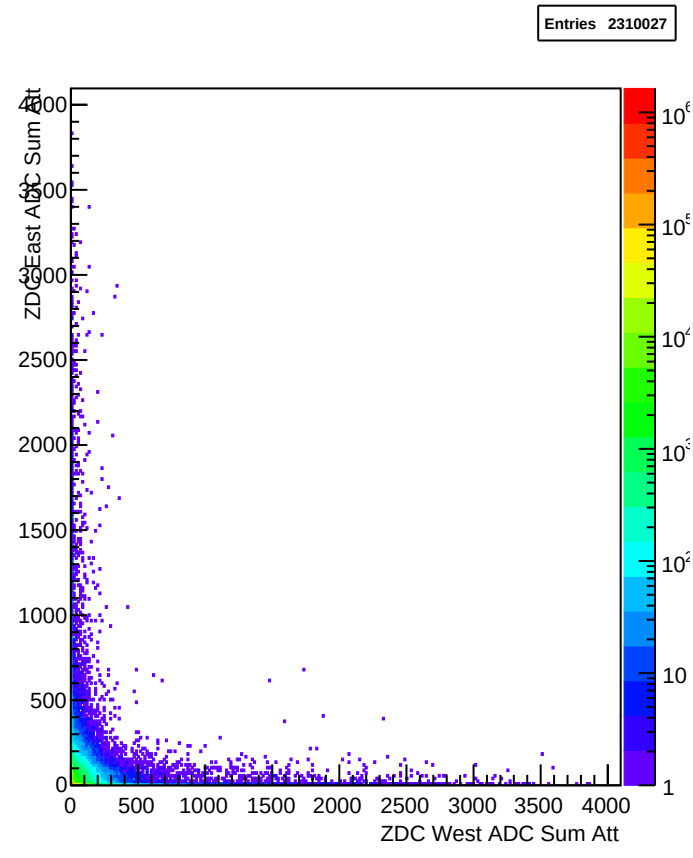

Entries 2310027
BBC-S-East ADC Sum
VPD-East ADC Sum

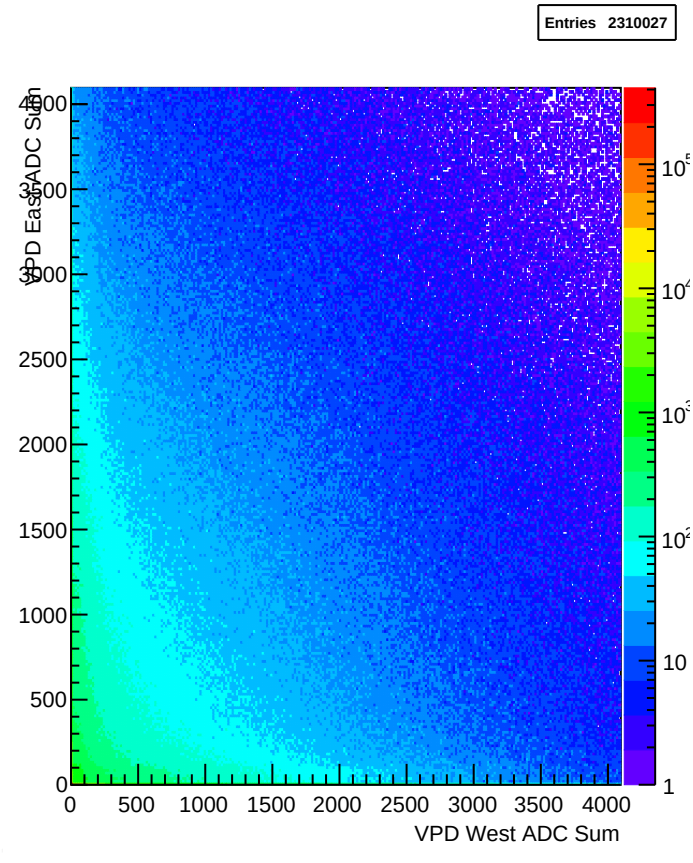

Entries 2310027
BBC-S-West ADC Sum
VPD-West ADC Sum

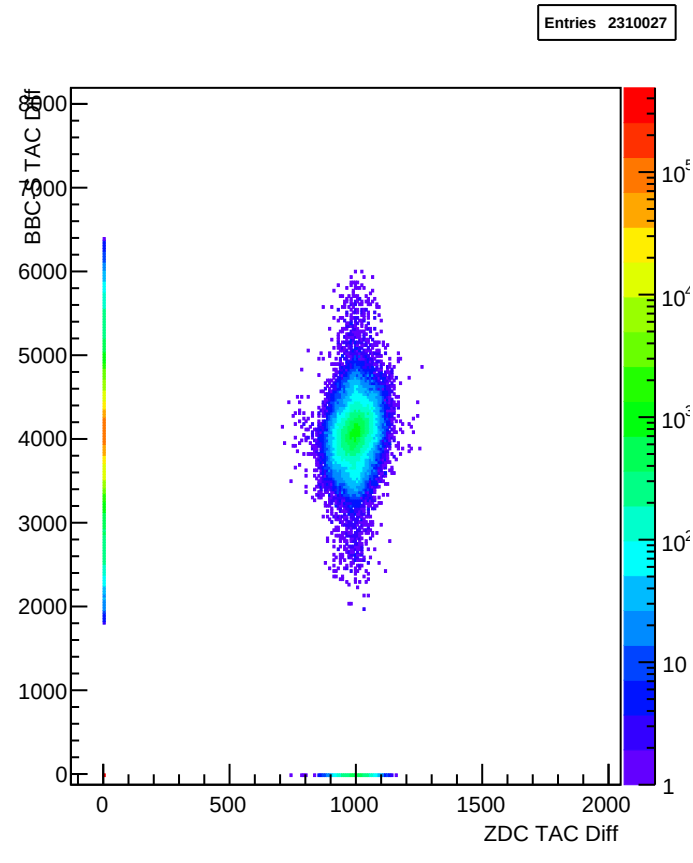

Entries 2310027
VPD-East ADC Sum
ZDC-East ADC Sum Att

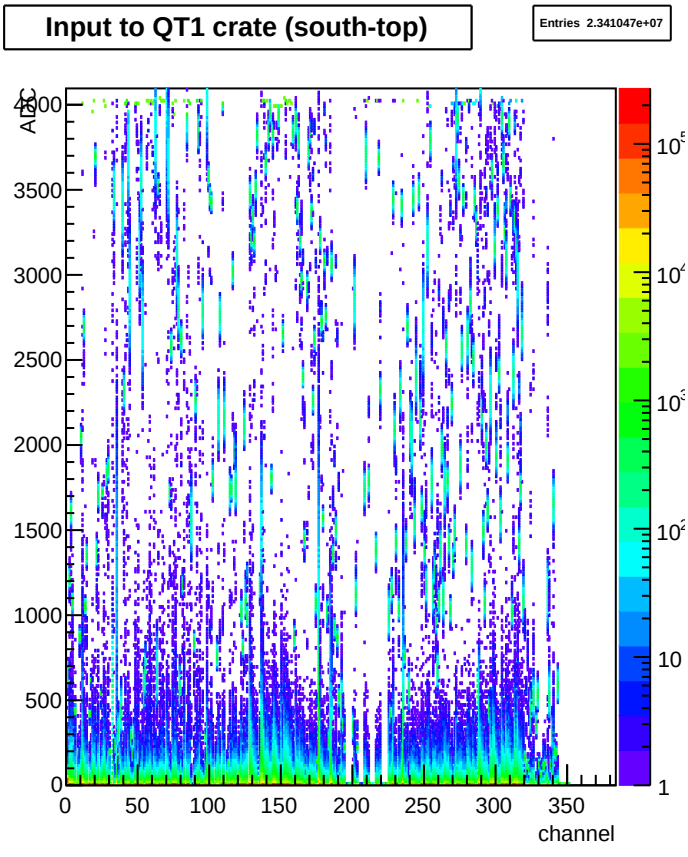

Entries 2310027
VPD-West ADC Sum
ZDC-West ADC Sum Att

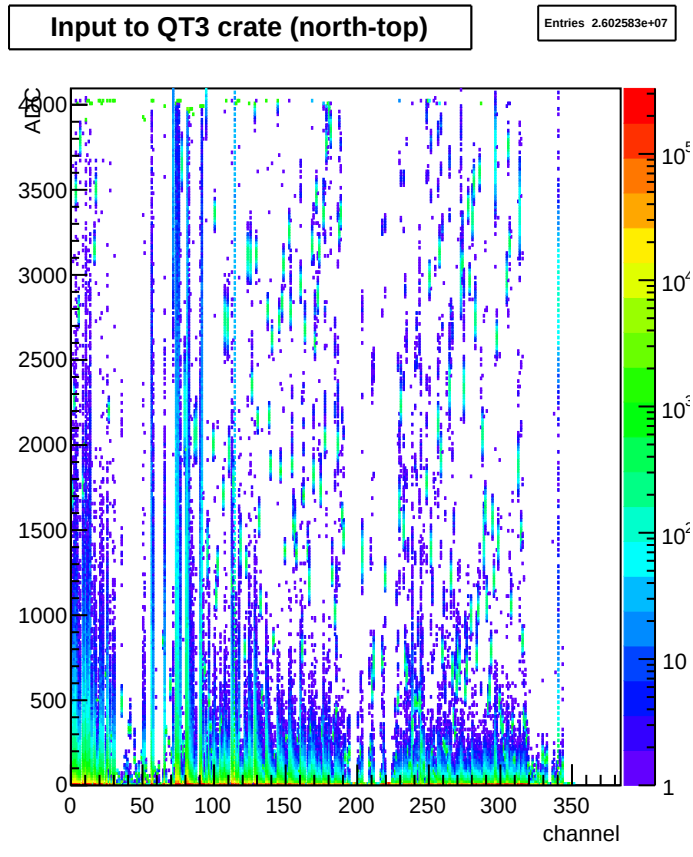

Entries 2310027
BBC-S-East ADC Sum
BBC-S-West ADC Sum

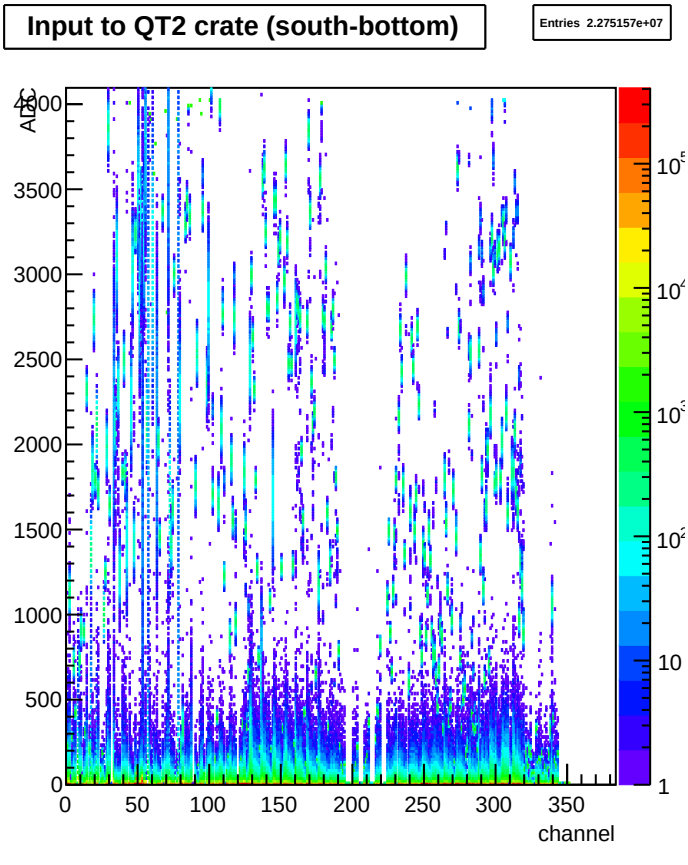

Entries 2310027
ZDC East ADC Sum Att
ZDC West ADC Sum Att

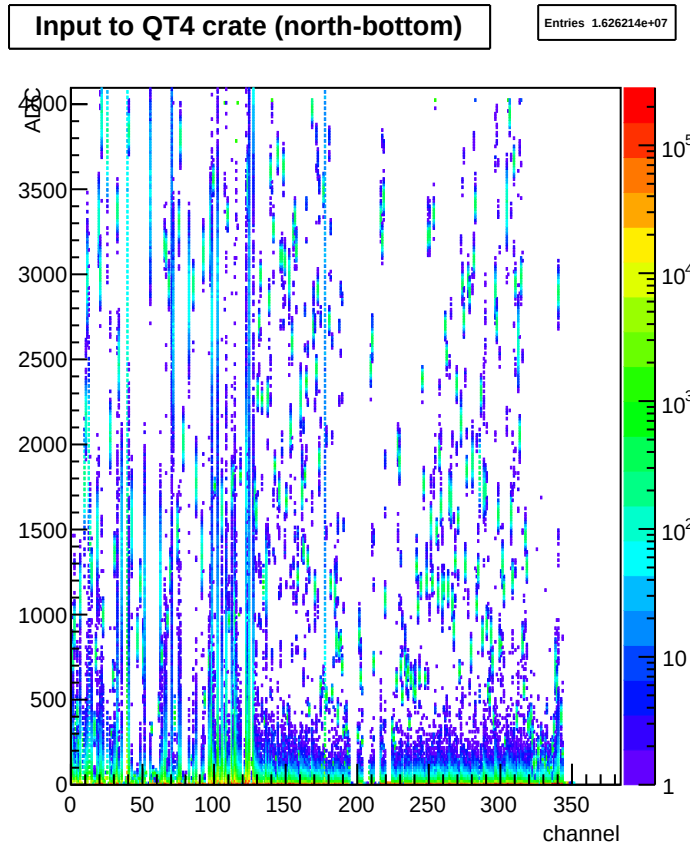

Entries 2310027
VPD East ADC Sum
VPD West ADC Sum

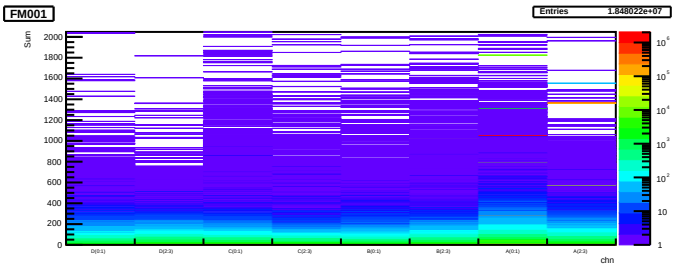

Entries 2310027
BBC-S TAC Diff
ZDC TAC Diff

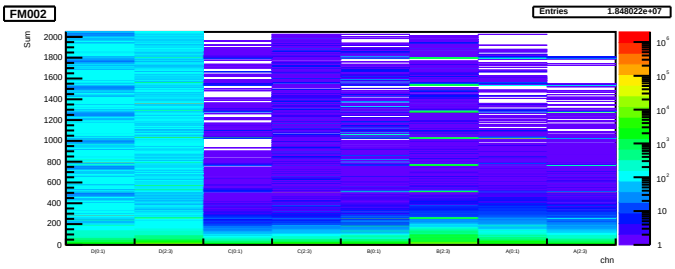

Input to QT1 crate (south-top)
Entries 2.341047e+07
ADC
channel

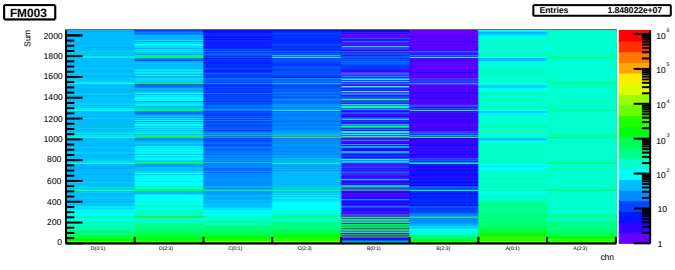

Input to QT3 crate (north-top)
Entries 2.602583e+07
ADC
channel

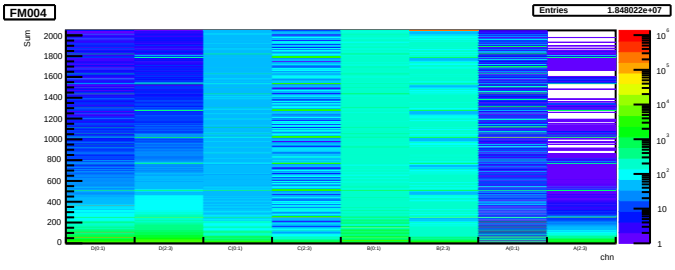

Input to QT2 crate (south-bottom)
Entries 2.275157e+07
ADC
channel

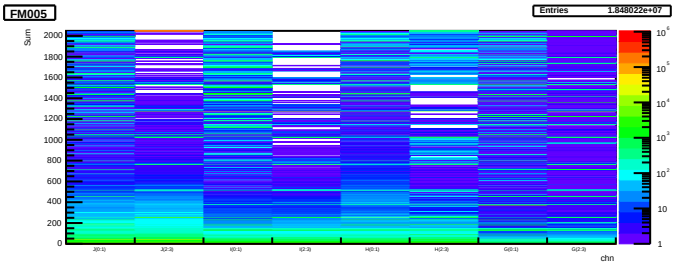

Input to QT4 crate (north-bottom)
Entries 1.626214e+07
ADC
channel

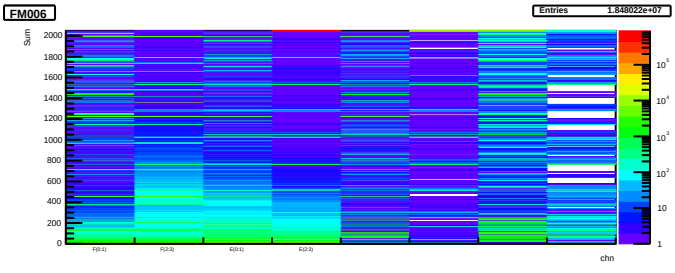

FM001
Entries 1.848022e+07
Sum
chn

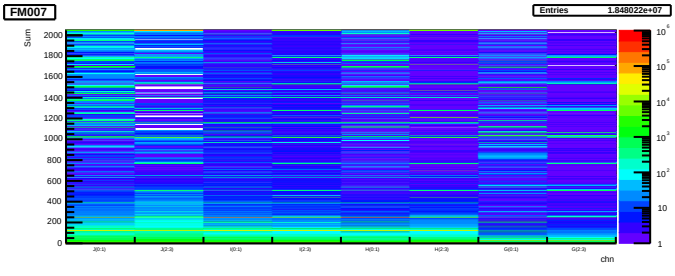

FM002
Entries 1.848022e+07
Sum
chn

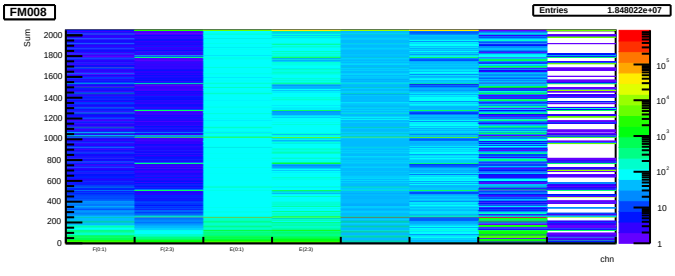

FM003
Entries 1.848022e+07
Sum
chn

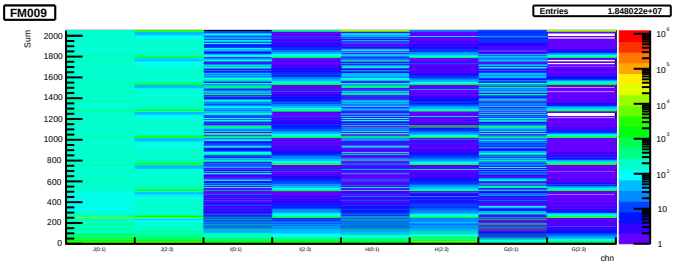

FM004
Entries 1.848022e+07
Sum
chn

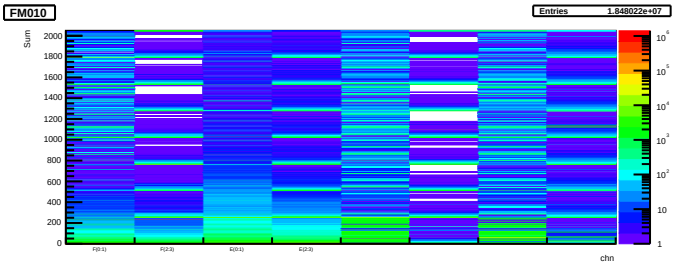

FM005
Entries 1.848022e+07
Sum
chn

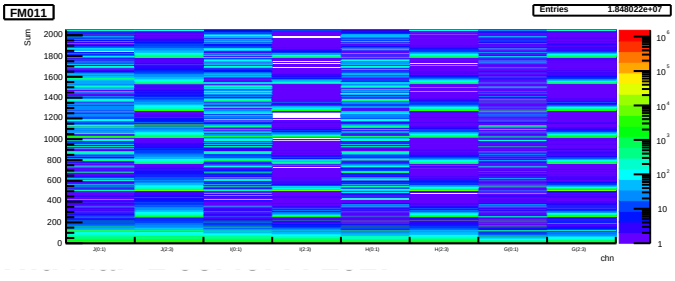

FM006
Entries 1.848022e+07
Sum
chn

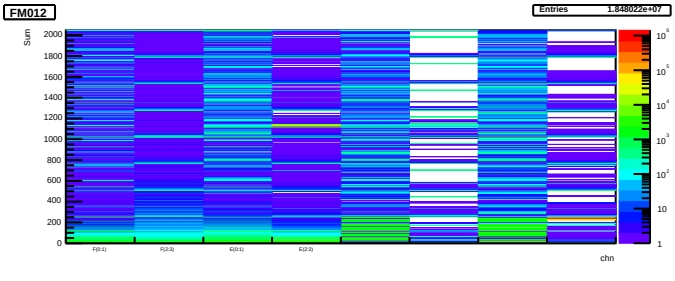

FM007
Entries 1.848022e+07
Sum
chn

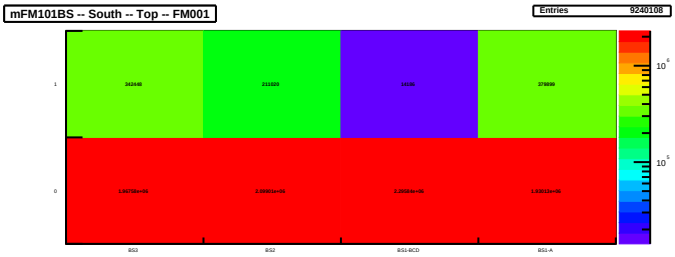

FM008
Entries 1.848022e+07
Sum
chn

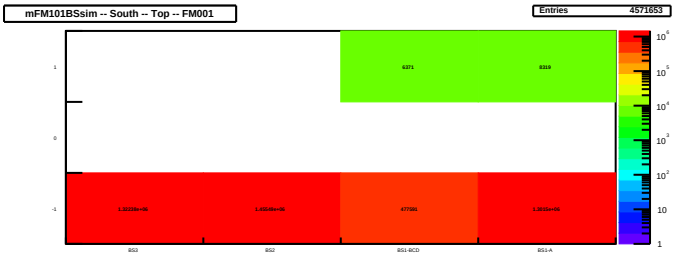

FM009
Entries 1.848022e+07
Sum
chn

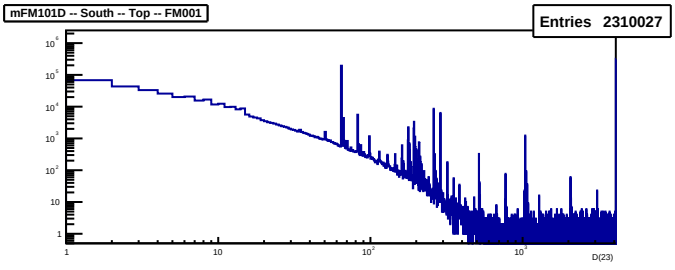

FM010
Entries 1.848022e+07
Sum
chn

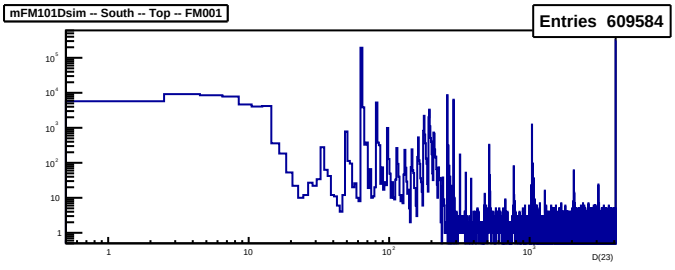

FM011
Entries 1.848022e+07
Sum
chn

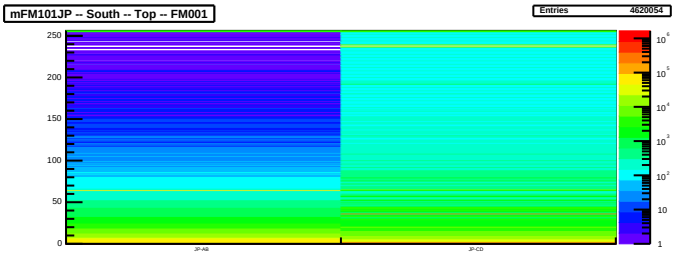

FM012
Entries 1.848022e+07
Sum
chn

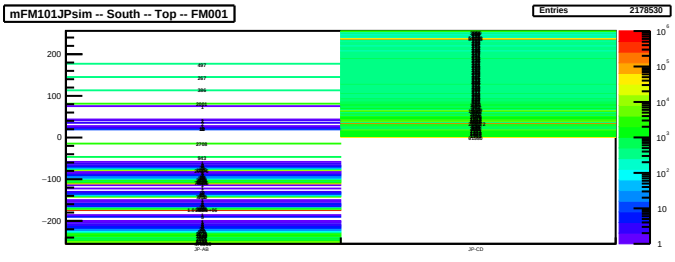

mFM101BS -- South -- Top -- FM001
Entries 9240108

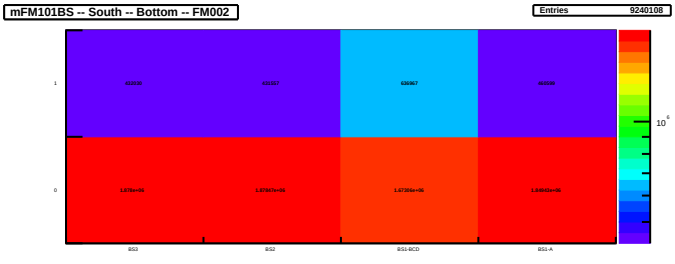

mFM101BSsim -- South -- Top -- FM001
Entries 4571653

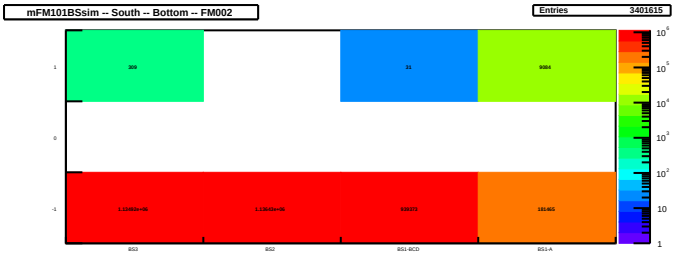

mFM101D -- South -- Top -- FM001
Entries 2310027
D(23)

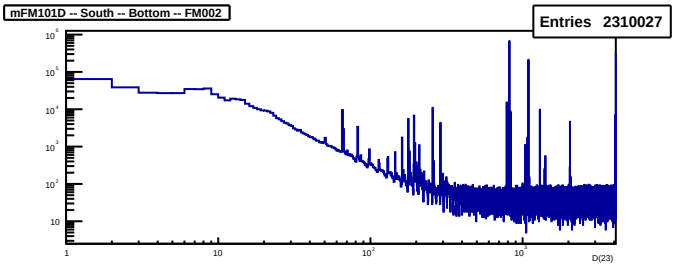

mFM101Dsim -- South -- Top -- FM001
Entries 609584
D(23)

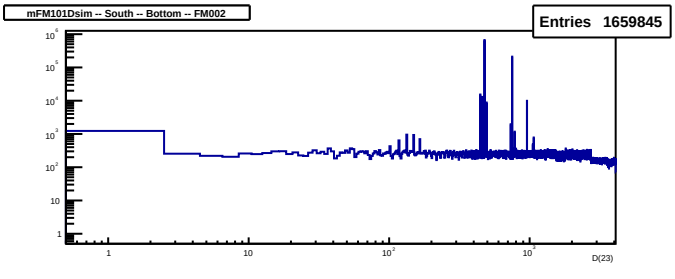

mFM101JP -- South -- Top -- FM001
Entries 4620054

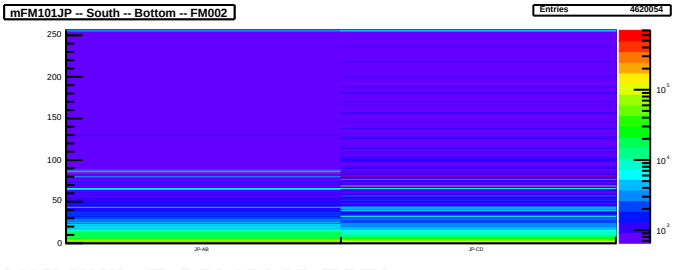

mFM101JPsim -- South -- Top -- FM001
Entries 2178530

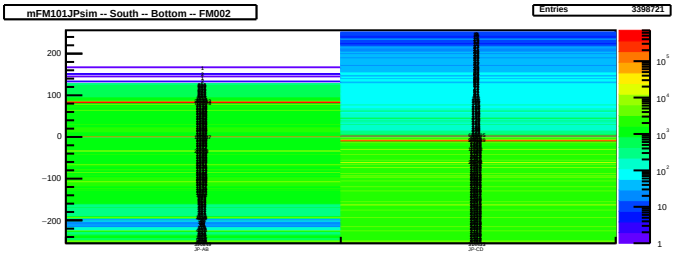

mFM101BS -- South -- Bottom -- FM002
Entries 9240108

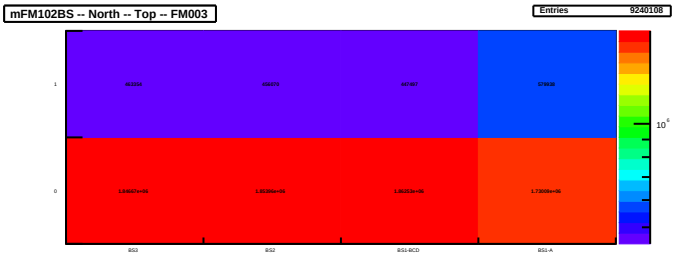

mFM101BSsim -- South -- Bottom -- FM002
Entries 3401615

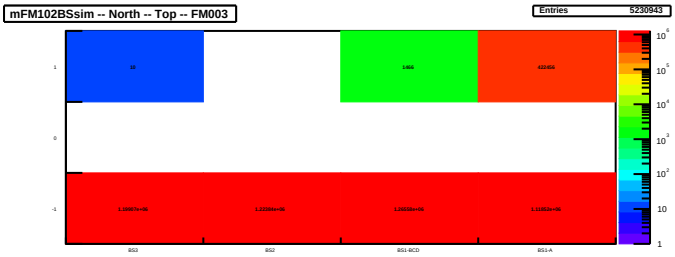

mFM101D -- South -- Bottom -- FM002
Entries 2310027
D(23)

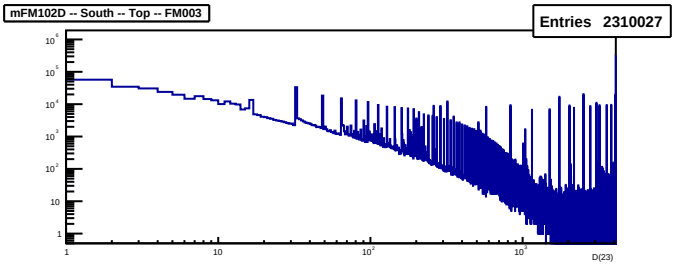

mFM101Dsim -- South -- Bottom -- FM002
Entries 1659845
D(23)

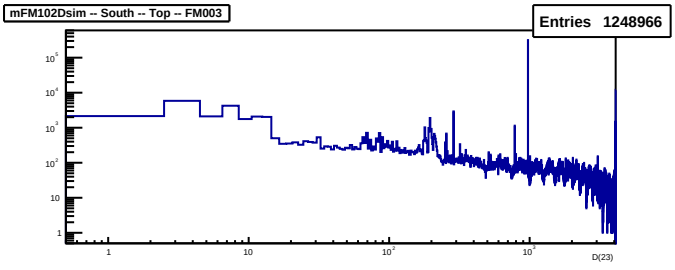

mFM101JP -- South -- Bottom -- FM002
Entries 4620054

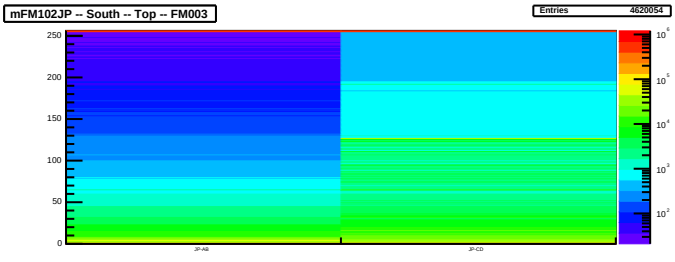

mFM101JPsim -- South -- Bottom -- FM002
Entries 3398721

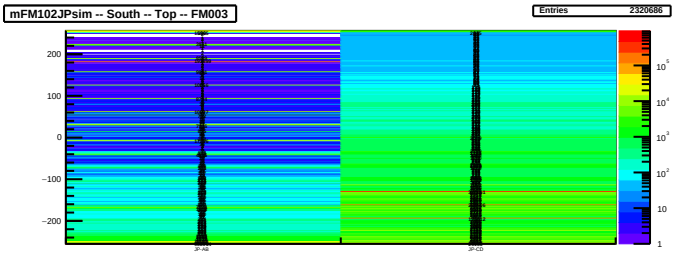

mFM102BS -- North -- Top -- FM003
Entries 9240108

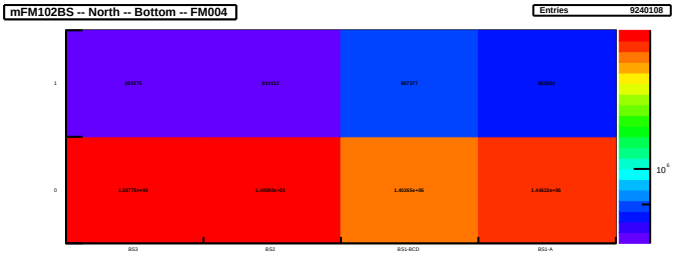

mFM102BSsim -- North -- Top -- FM003
Entries 5230943

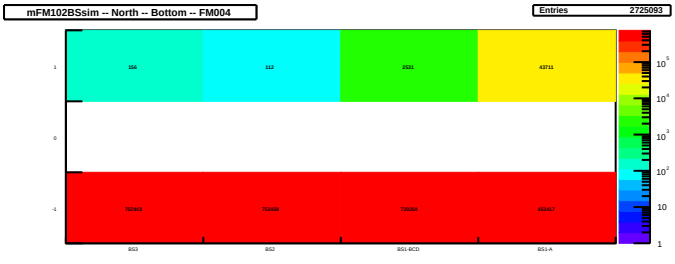

mFM102D -- South -- Top -- FM003
Entries 2310027
D(23)

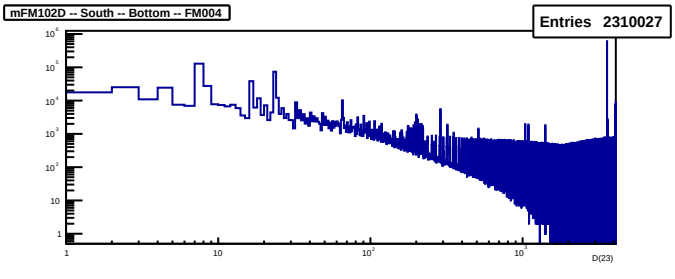

mFM102Dsim -- South -- Top -- FM003
Entries 1248966
D(23)

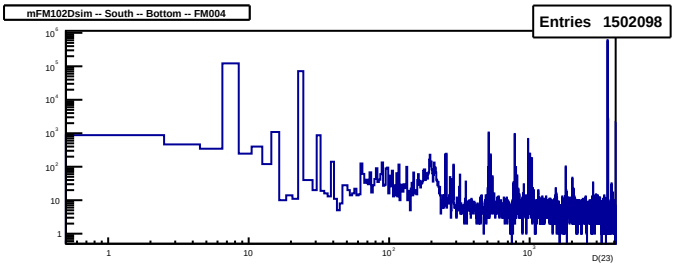

mFM102JP -- South -- Top -- FM003
Entries 4620054

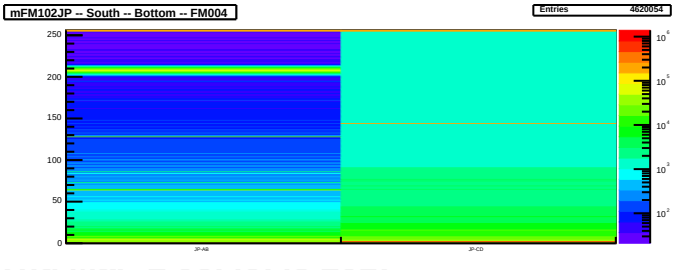

mFM102JPsim -- South -- Top -- FM003
Entries 2320686

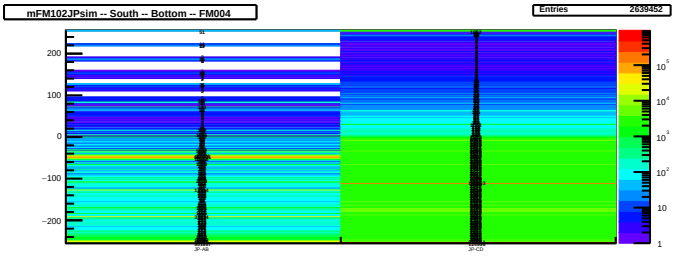

mFM102BS -- North -- Bottom -- FM004
Entries 9240108

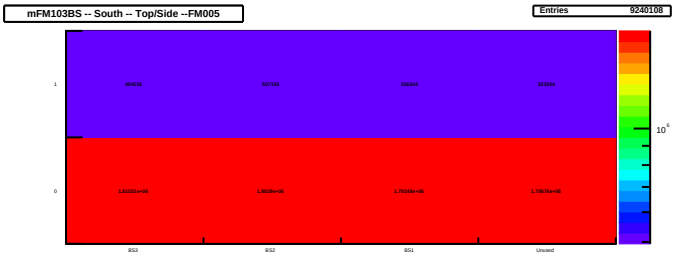

mFM102BSsim -- North -- Bottom -- FM004
Entries 2725093

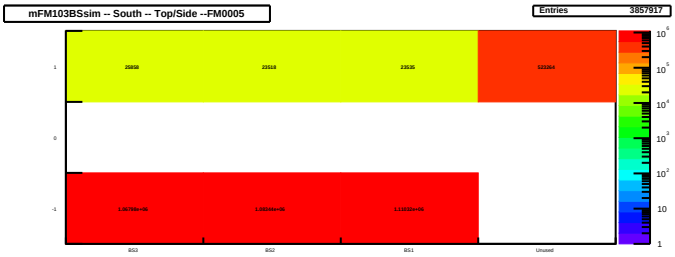

mFM102D -- South -- Bottom -- FM004
Entries 2310027
D(23)

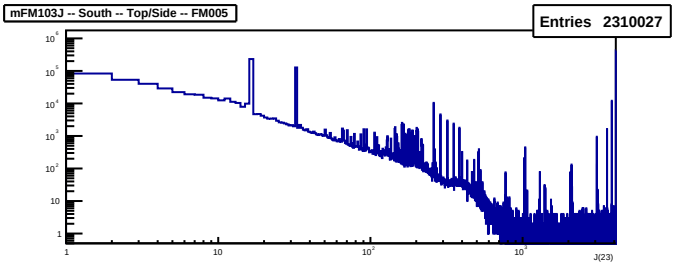

mFM102Dsim -- South -- Bottom -- FM004
Entries 1502098
D(23)

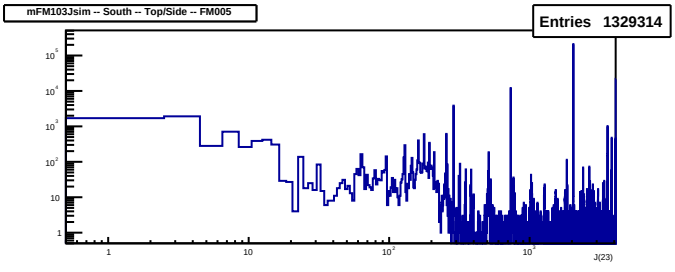

mFM102JP -- South -- Bottom -- FM004
Entries 4620054

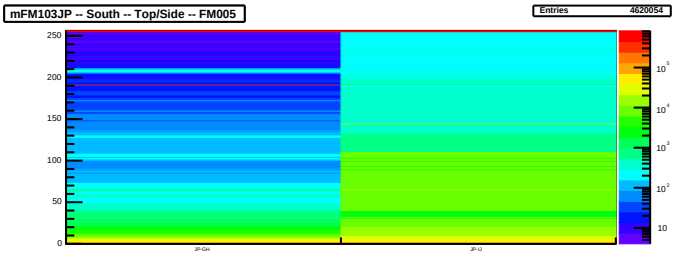

mFM102JPsim -- South -- Bottom -- FM004
Entries 2639452

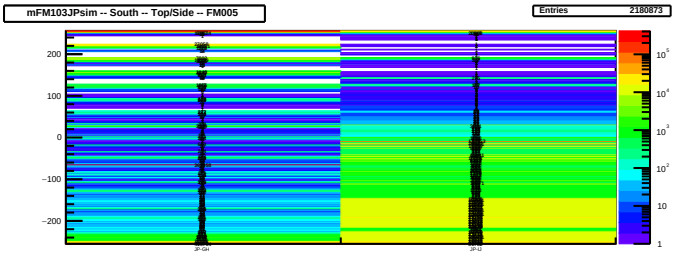

mFM103BS -- South -- Top/Side --FM005
Entries 9240108

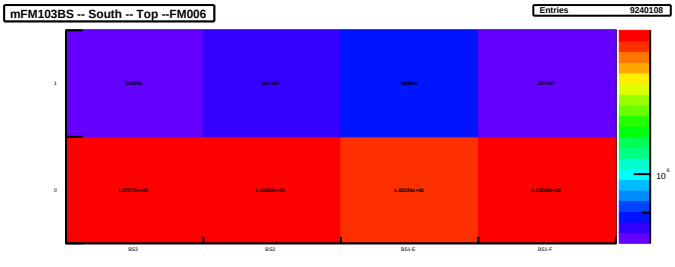

mFM103BSsim -- South -- Top/Side --FM0005
Entries 3857917

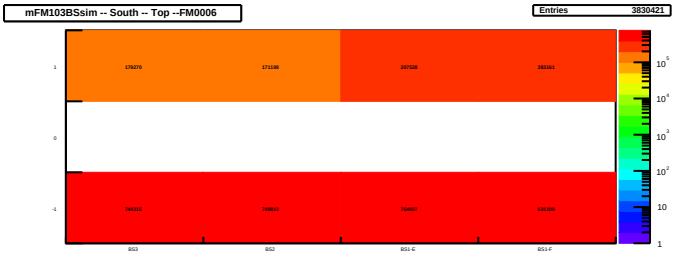

mFM103J -- South -- Top/Side -- FM005
Entries 2310027
J(23)

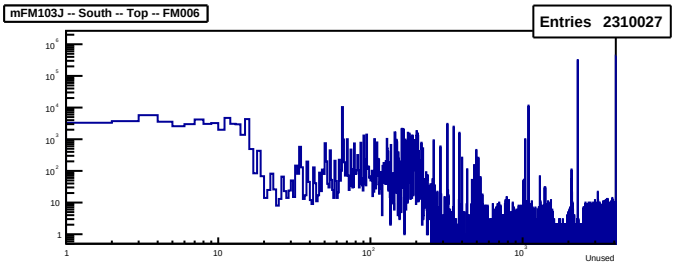

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1329314
J(23)

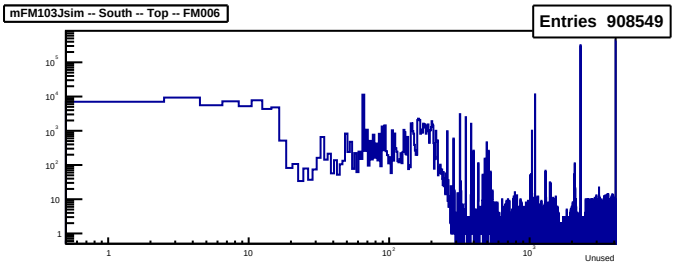

mFM103JP -- South -- Top/Side -- FM005
Entries 4620054

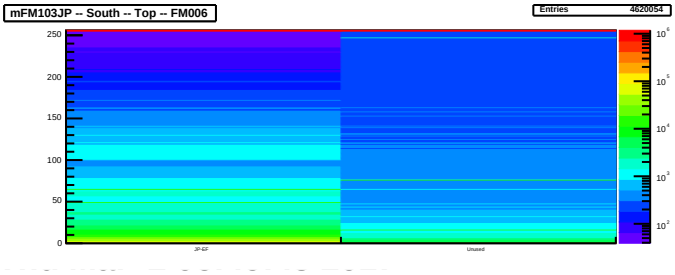

mFM103JPsim -- South -- Top/Side -- FM005
Entries 2180873

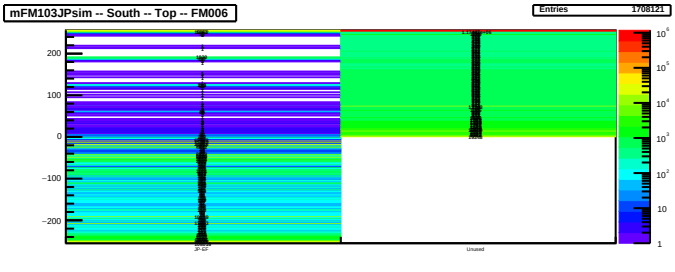

mFM103BS -- South -- Top --FM006
Entries 9240108

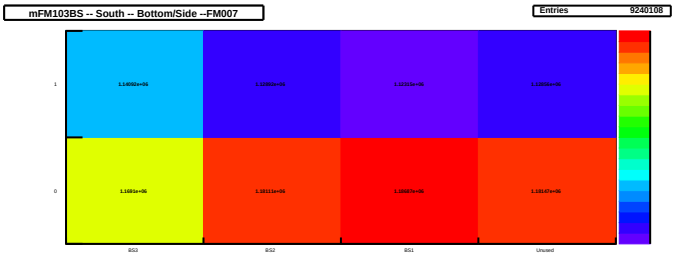

mFM103BSsim -- South -- Top --FM0006
Entries 3830421

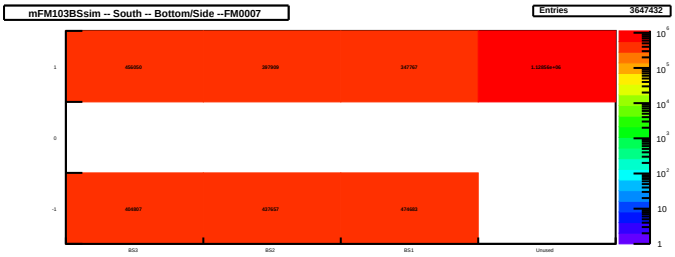

mFM103J -- South -- Top -- FM006
Entries 2310027
Unused

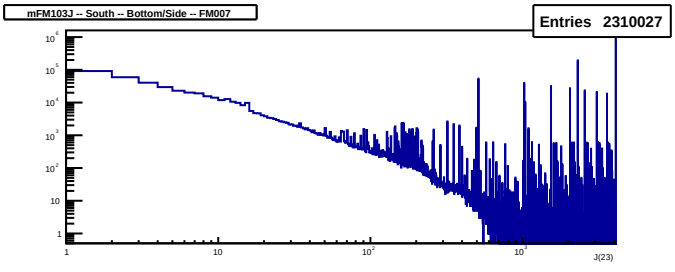

mFM103Jsim -- South -- Top -- FM006
Entries 908549
Unused

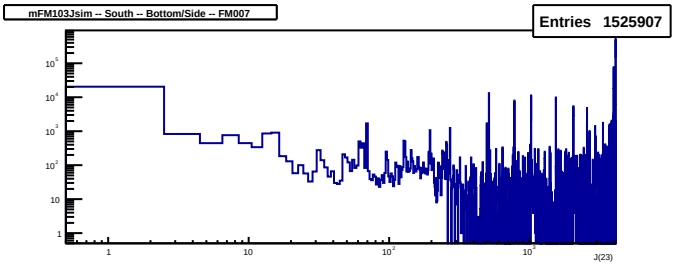

mFM103JP -- South -- Top -- FM006
Entries 4620054

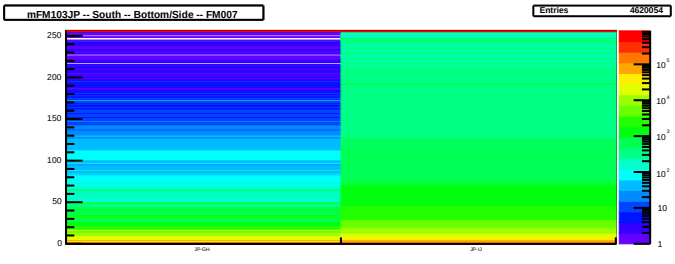

mFM103JPsim -- South -- Top -- FM006
Entries 1708121

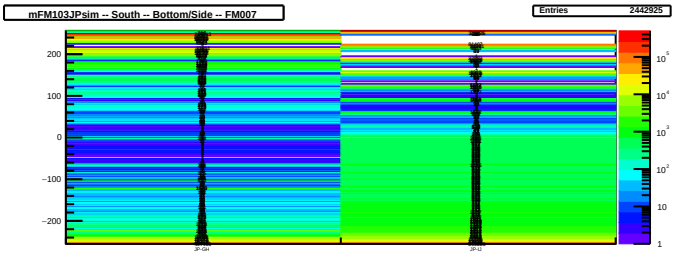

mFM103BS -- South -- Bottom/Side --FM007
Entries 9240108
BS3
BS2
BS1
Unused

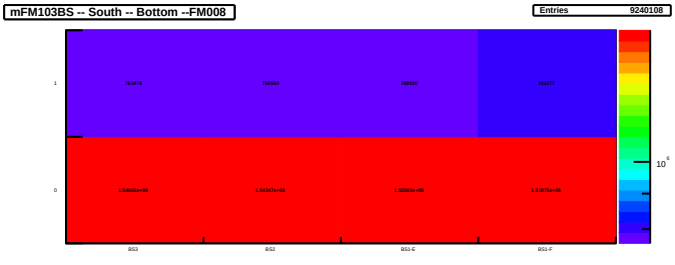

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 3647432
BS3
BS2
BS1
Unused

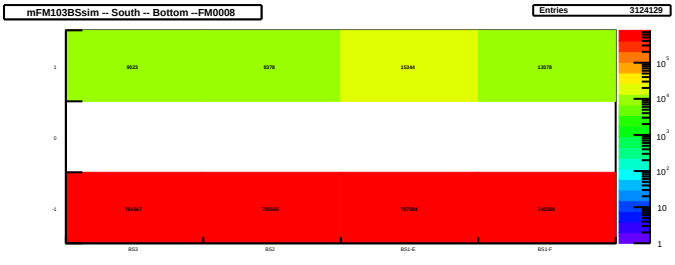

mFM103J -- South -- Bottom/Side -- FM007
Entries 2310027
J(23)

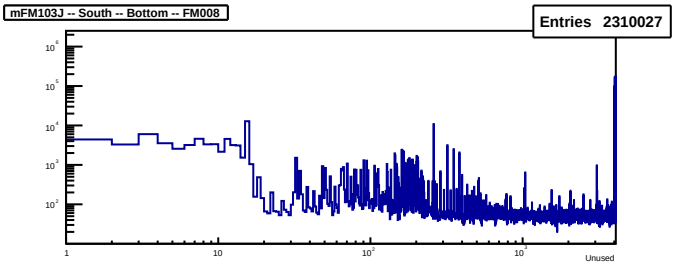

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 1525907
J(23)

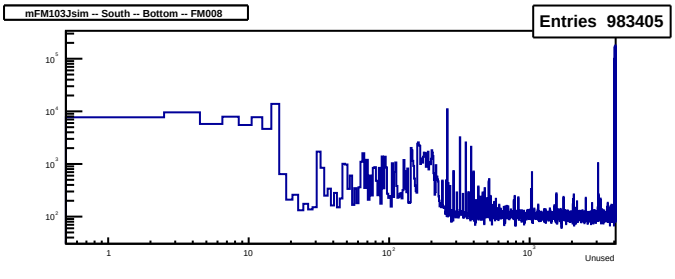

mFM103JP -- South -- Bottom/Side -- FM007
Entries 4620054
JP-GH
JP-IJ

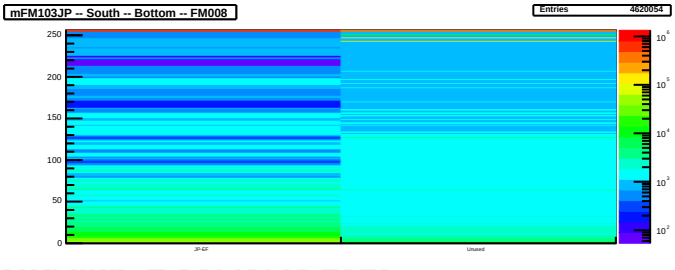

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 2442925
JP-GH
JP-IJ

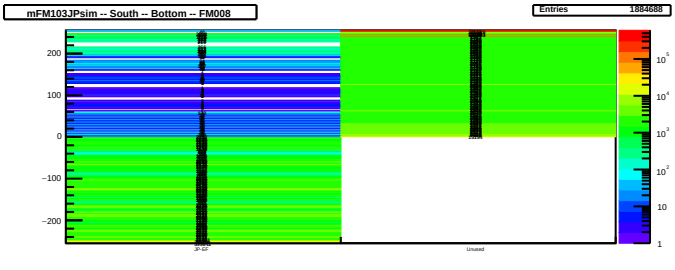

mFM103BS -- South -- Bottom --FM008
Entries 9240108
BS3
BS2
BS1-E
BS1-F

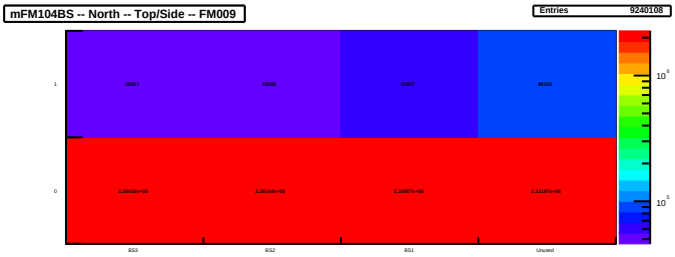

mFM103BSsim -- South -- Bottom --FM0008
Entries 3124129
BS3
BS2
BS1-E
BS1-F

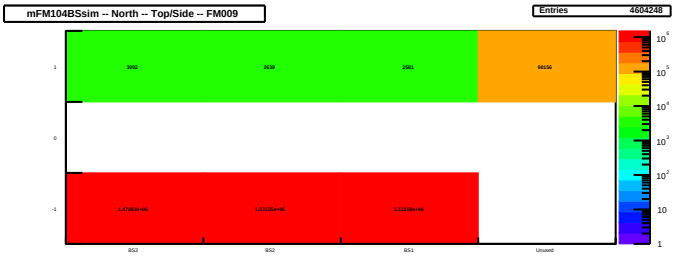

mFM103J -- South -- Bottom -- FM008
Entries 2310027
Unused

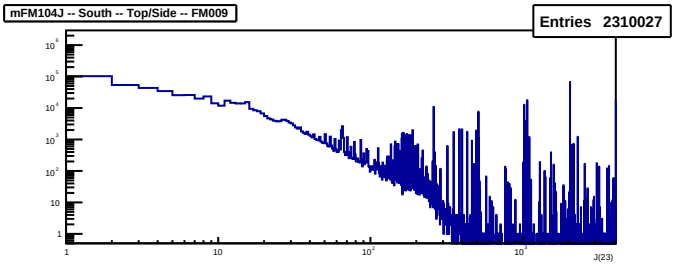

mFM103Jsim -- South -- Bottom -- FM008
Entries 983405
Unused

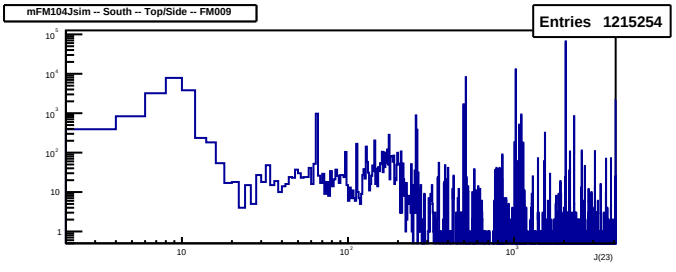

mFM103JP -- South -- Bottom -- FM008
Entries 4620054
JP-EF
Unused

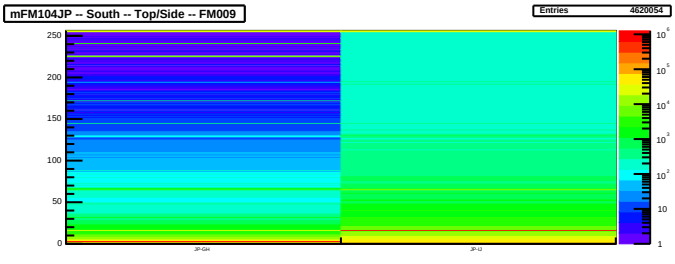

mFM103JPsim -- South -- Bottom -- FM008
Entries 1884688
JP-EF
Unused

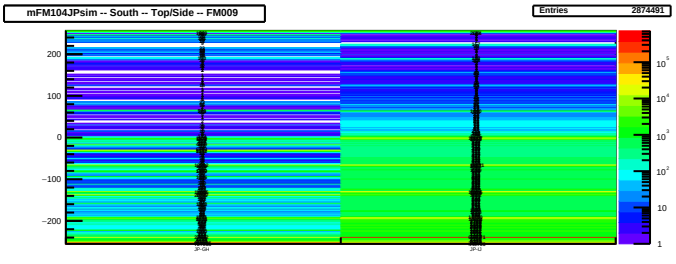

mFM104BS -- North -- Top/Side -- FM009
Entries 9240108

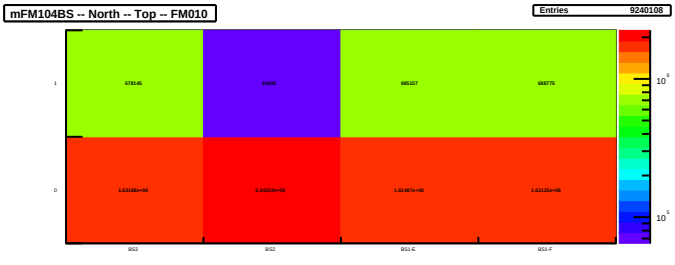

mFM104BSsim -- North -- Top/Side -- FM009
Entries 4604248

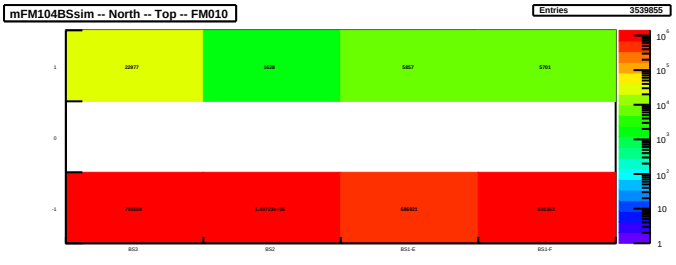

mFM104J -- South -- Top/Side -- FM009
Entries 2310027
J(23)

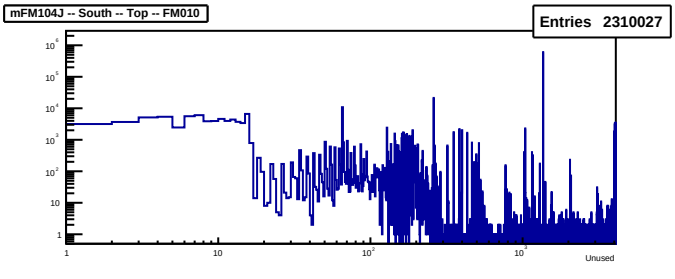

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1215254
J(23)

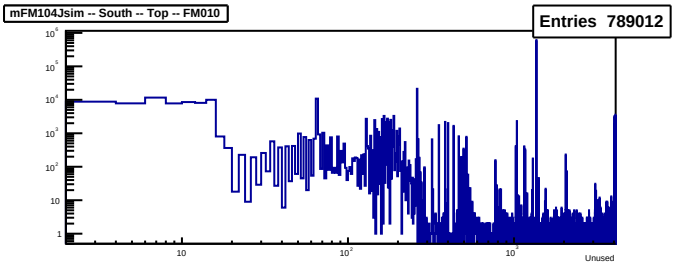

mFM104JP -- South -- Top/Side -- FM009
Entries 4620054

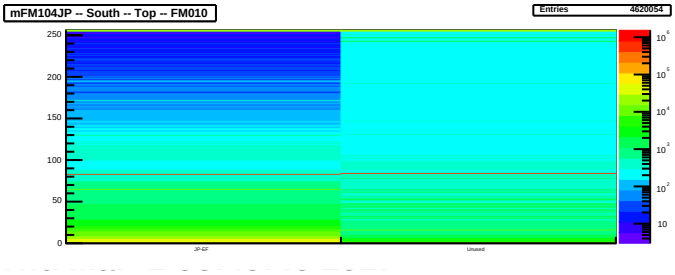

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2874491

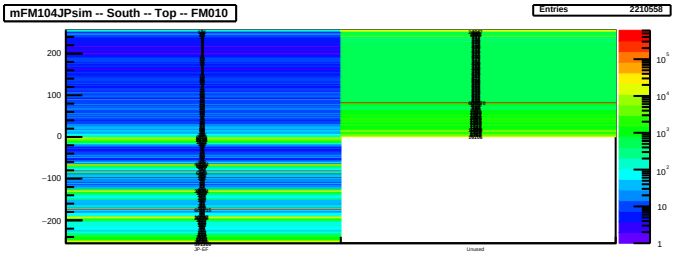

mFM104BS -- North -- Top -- FM010
Entries 9240108

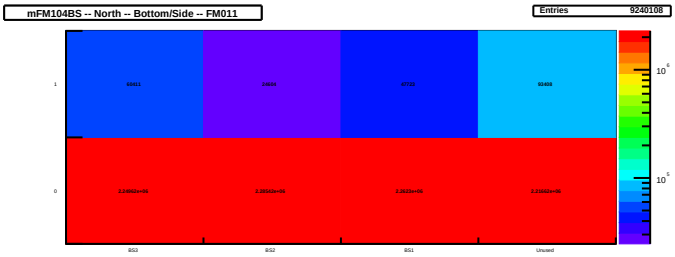

mFM104BSsim -- North -- Top -- FM010
Entries 3539855

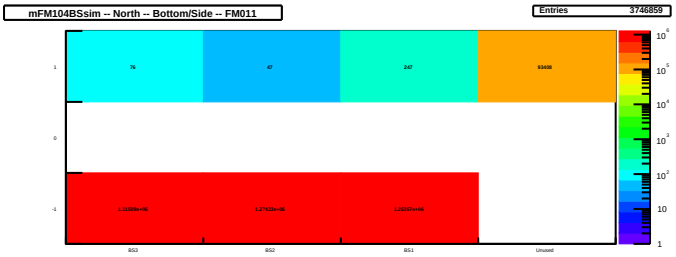

mFM104J -- South -- Top -- FM010
Entries 2310027
Unused

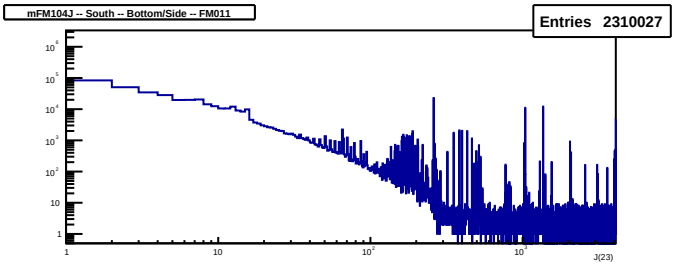

mFM104Jsim -- South -- Top -- FM010
Entries 789012
Unused

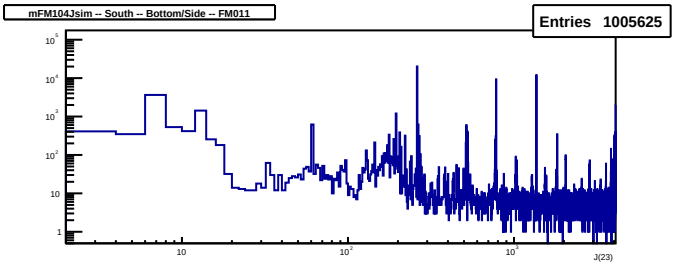

mFM104JP -- South -- Top -- FM010
Entries 4620054

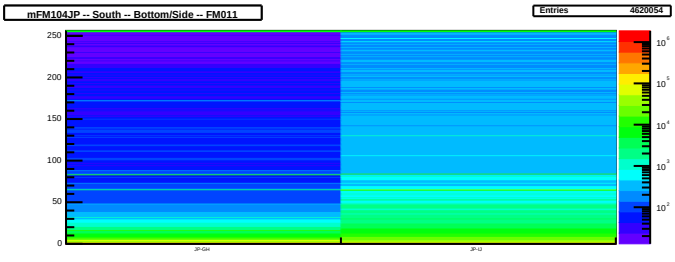

mFM104JPsim -- South -- Top -- FM010
Entries 2210558

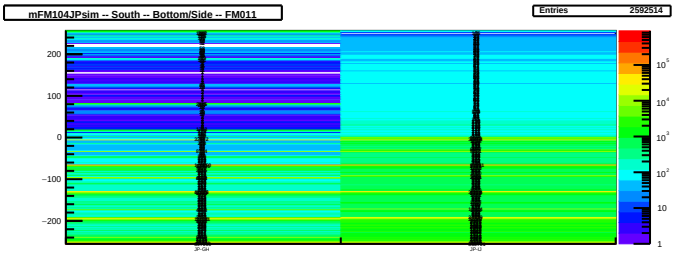

mFM104BS -- North -- Bottom/Side -- FM011
Entries 9240108

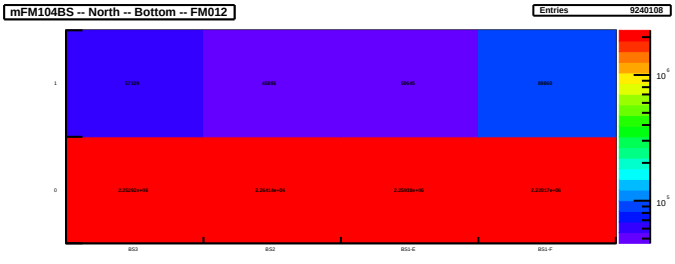

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3746859

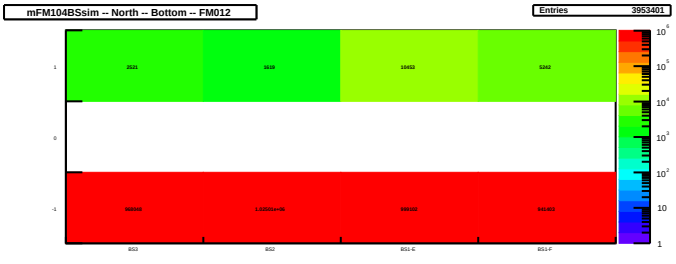

mFM104J -- South -- Bottom/Side -- FM011
Entries 2310027
J(23)

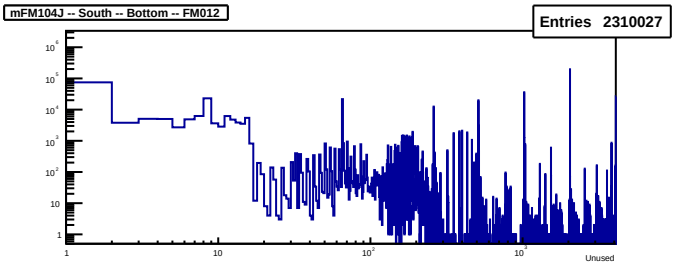

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1005625
J(23)

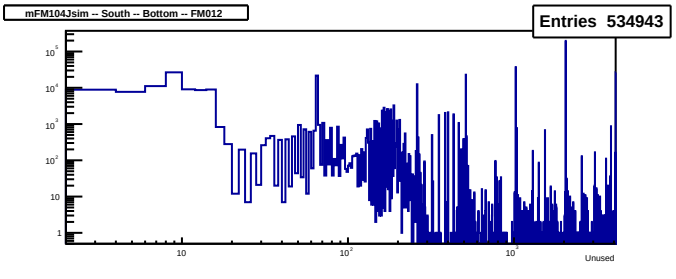

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4620054

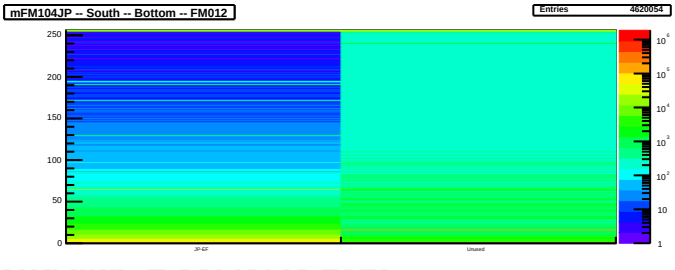

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2592514

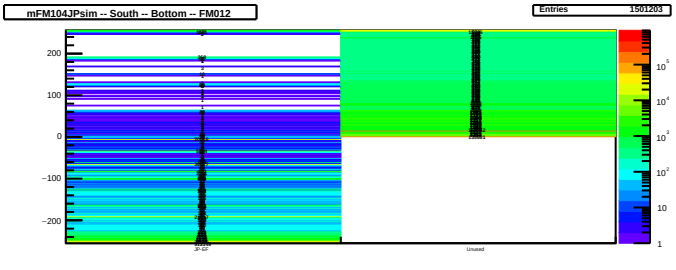

mFM104BS -- North -- Bottom -- FM012
Entries 9240108

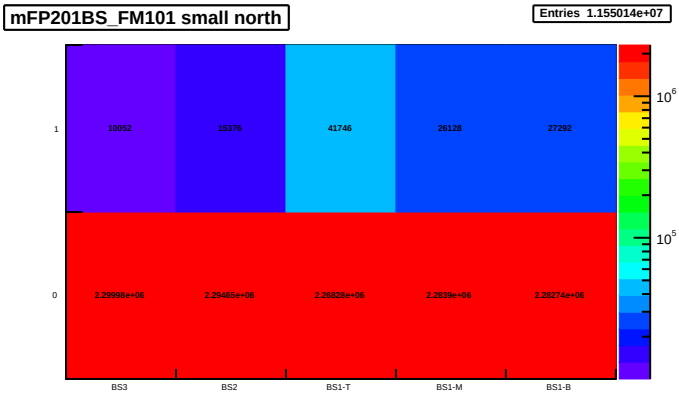

mFM104BSsim -- North -- Bottom -- FM012
Entries 3953401

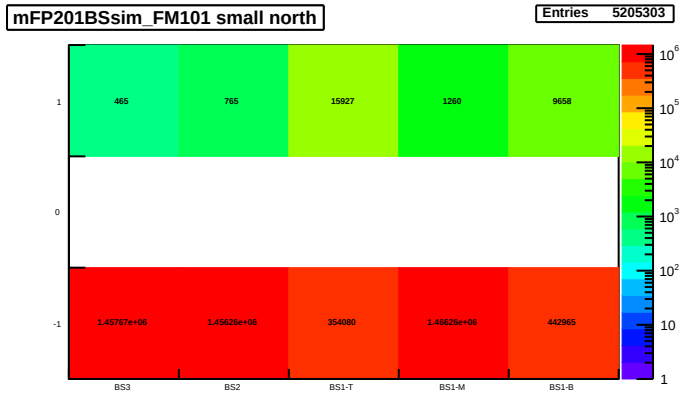

mFM104J -- South -- Bottom -- FM012
Entries 2310027
Unused

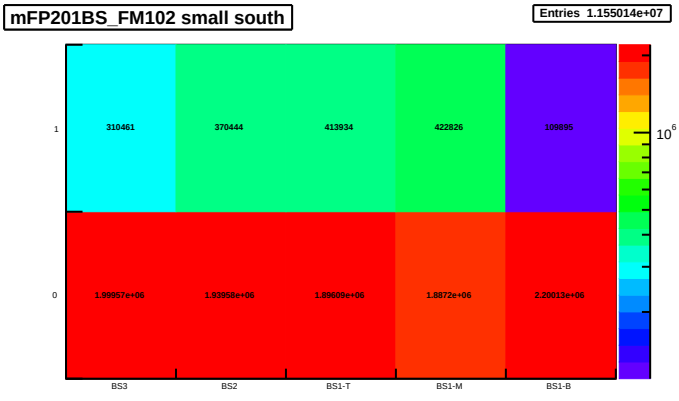

mFM104Jsim -- South -- Bottom -- FM012
Entries 534943
Unused

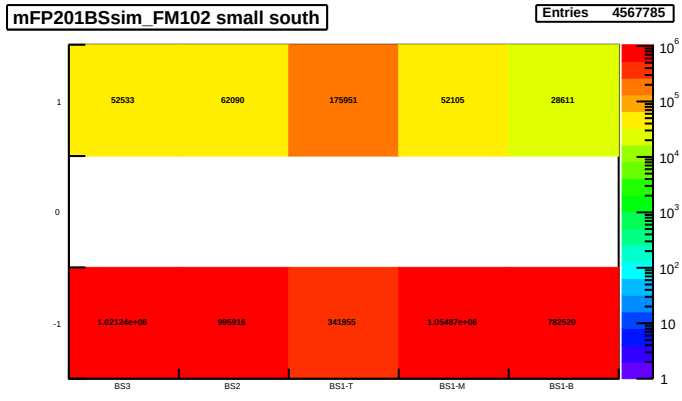

mFM104JP -- South -- Bottom -- FM012
Entries 4620054

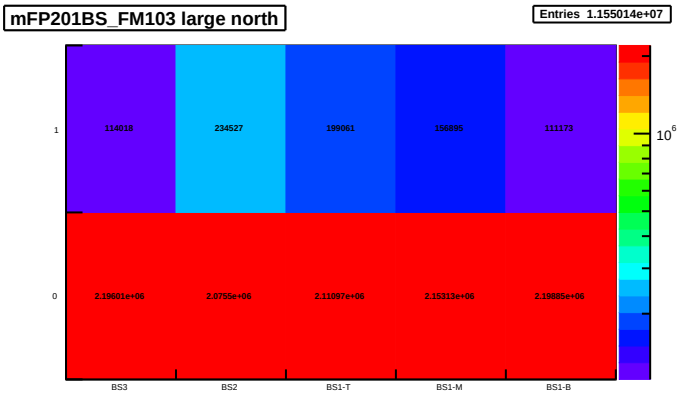

mFM104JPsim -- South -- Bottom -- FM012
Entries 1501203

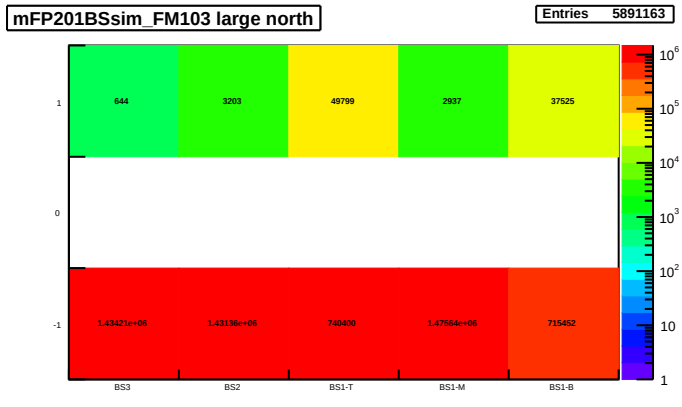

mFP201BS_FM101 small north
Entries 1.155014e+07
1
0
10052
15376
41746
26128
27292
2.29998e+06
2.29465e+06
2.26828e+06
2.2839e+06
2.28274e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

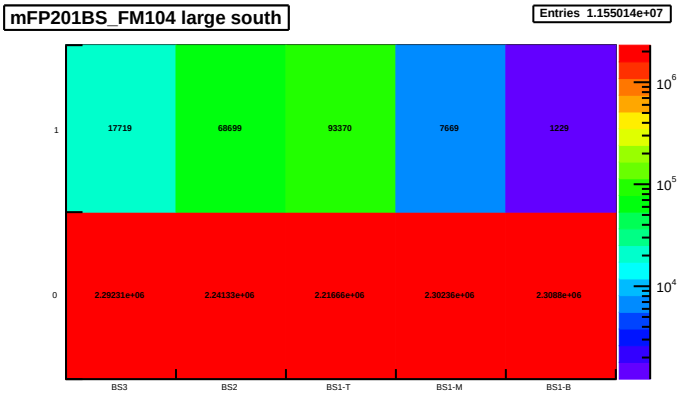

mFP201BSsim_FM101 small north
Entries 5205303
1
0
-1
465
765
15927
1260
9658
1.45767e+06
1.45626e+06
354080
1.46626e+06
442965
BS3
BS2
BS1-T
BS1-M
BS1-B

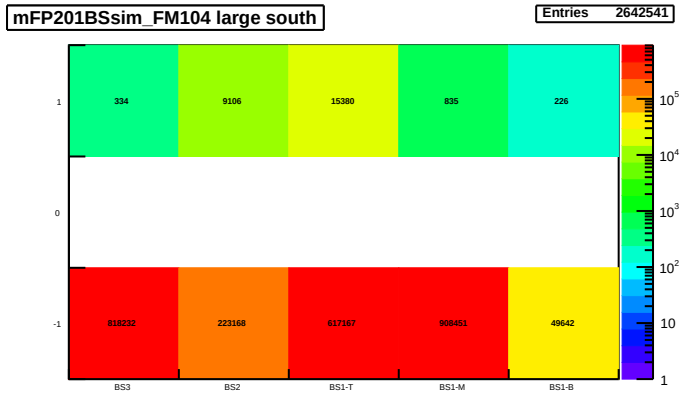

mFP201BS_FM102 small south
Entries 1.155014e+07
1
0
310461
370444
413934
422826
109895
1.99957e+06
1.93958e+06
1.89609e+06
1.8872e+06
2.20013e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

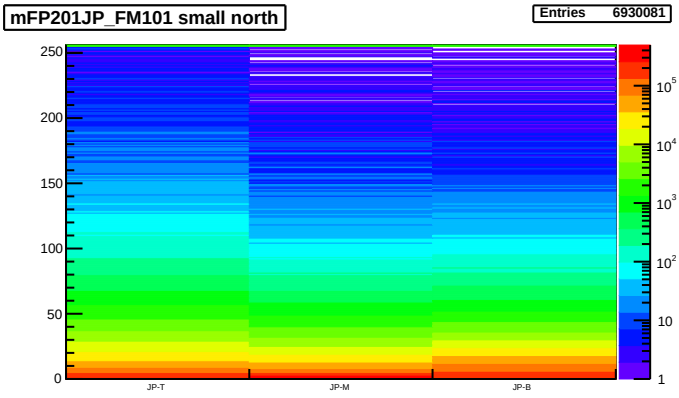

mFP201BSsim_FM102 small south
Entries 4567785
1
0
-1
52533
62090
175951
52105
28611
1.02124e+06
995916
341955
1.05487e+06
782520
BS3
BS2
BS1-T
BS1-M
BS1-B

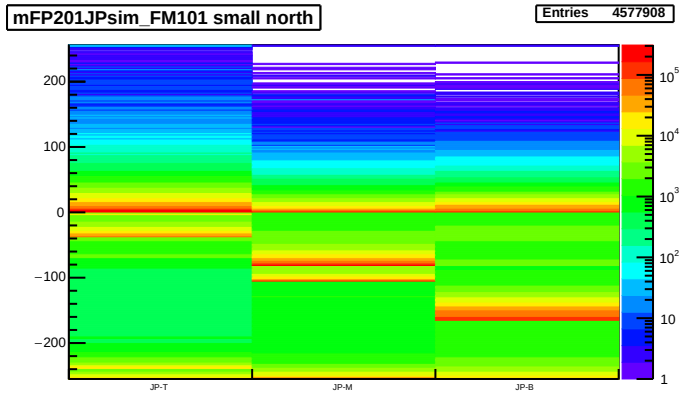

mFP201BS_FM103 large north
Entries 1.155014e+07
1
0
114018
234527
199061
156895
111173
2.19601e+06
2.0755e+06
2.11097e+06
2.15313e+06
2.19885e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

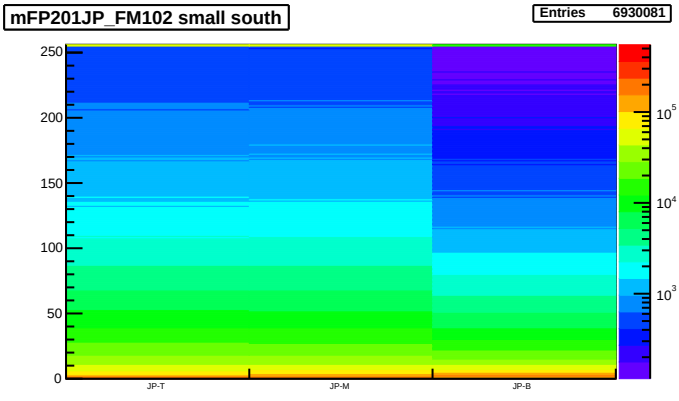

mFP201BSsim_FM103 large north
Entries 5891163
1
0
-1
644
3203
49799
2937
37525
1.43421e+06
1.43136e+06
740400
1.47564e+06
715452
BS3
BS2
BS1-T
BS1-M
BS1-B

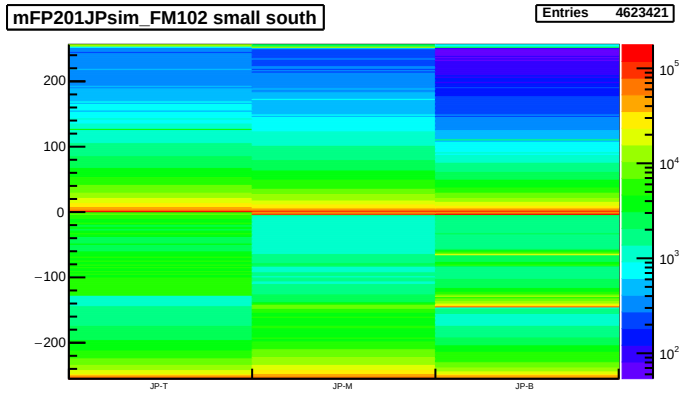

mFP201BS_FM104 large south
Entries 1.155014e+07
1
0
17719
68699
93370
7669
1229
2.29231e+06
2.24133e+06
2.21666e+06
2.30236e+06
2.3088e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

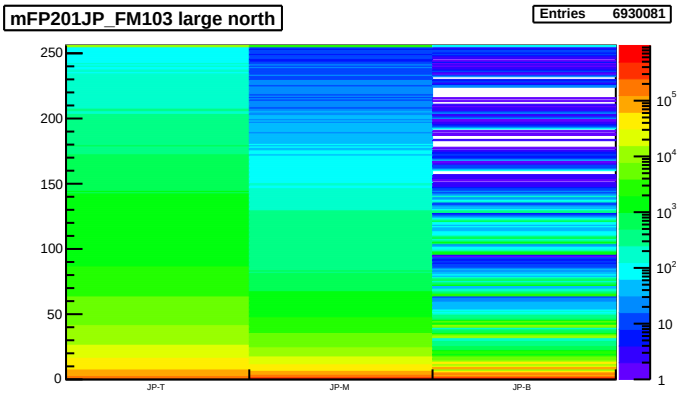

mFP201BSsim_FM104 large south
Entries 2642541
1
0
-1
334
9106
15380
835
226
818232
223168
617167
908451
49642
BS3
BS2
BS1-T
BS1-M
BS1-B

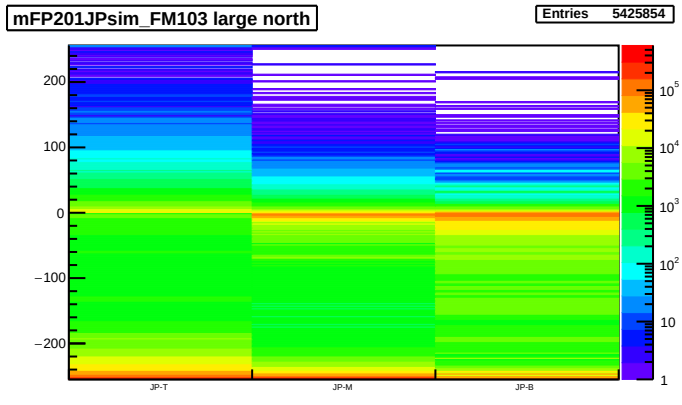

mFP201JP_FM101 small north
Entries 6930081
JP-T
JP-M
JP-B

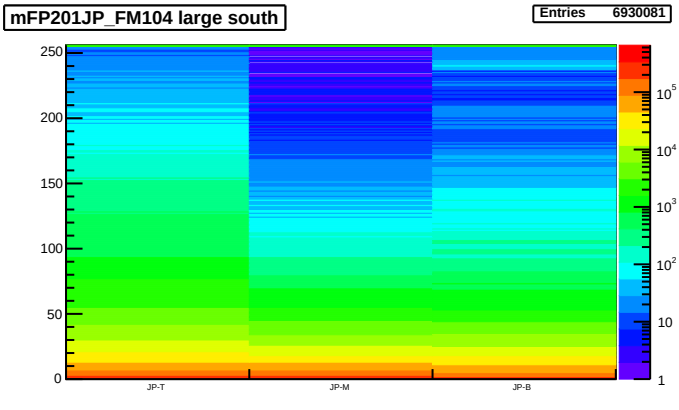

mFP201JPsim_FM101 small north
Entries 4577908
JP-T
JP-M
JP-B

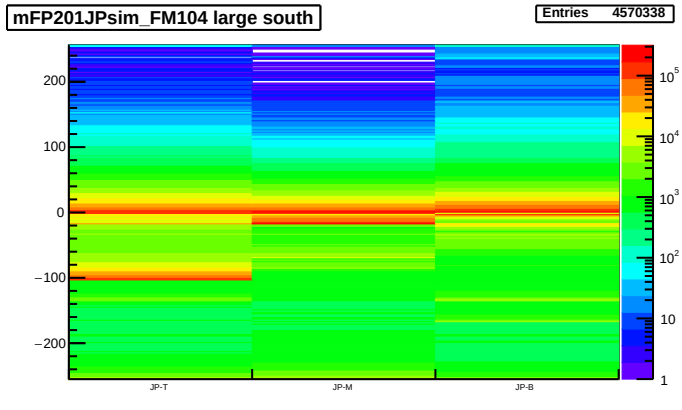

mFP201JP_FM102 small south
Entries 6930081
JP-T
JP-M
JP-B

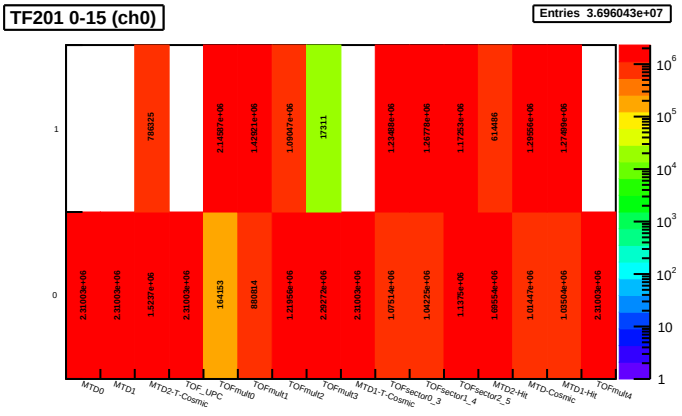

mFP201JPsim_FM102 small south
Entries 4623421
JP-T
JP-M
JP-B

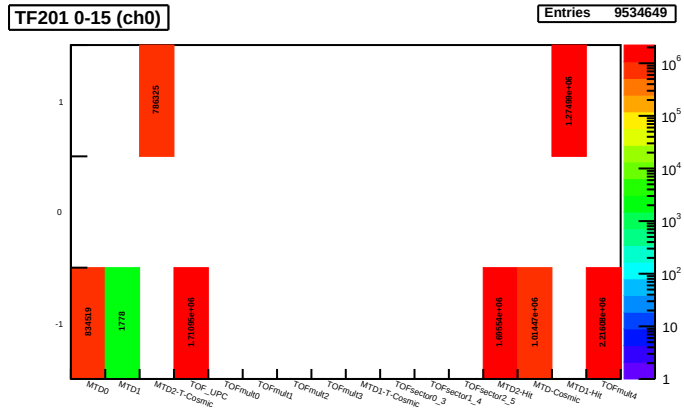

mFP201JP_FM103 large north
Entries 6930081
JP-T
JP-M
JP-B

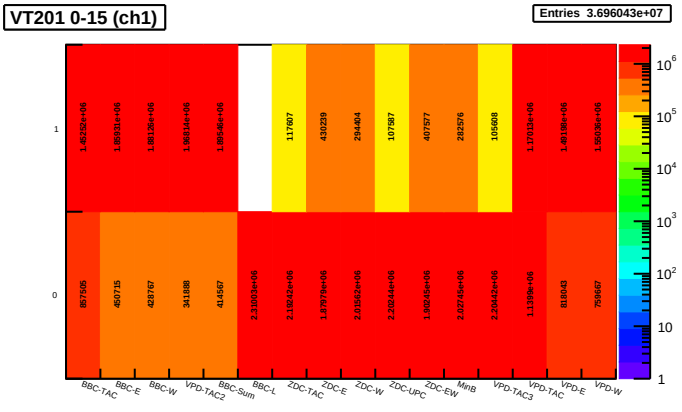

mFP201JPsim_FM103 large north
Entries 5425854
JP-T
JP-M
JP-B

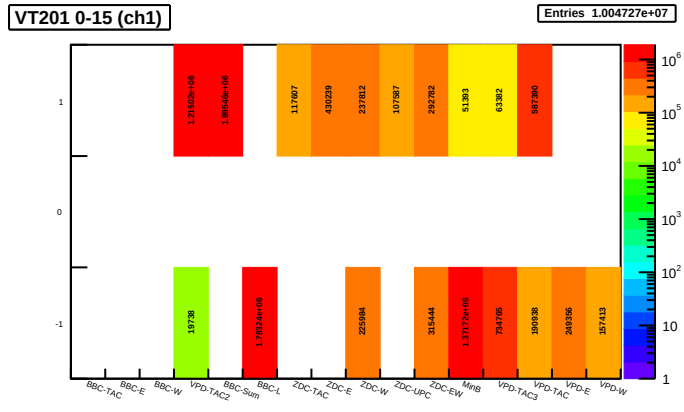

mFP201JP_FM104 large south
Entries 6930081
JP-T
JP-M
JP-B

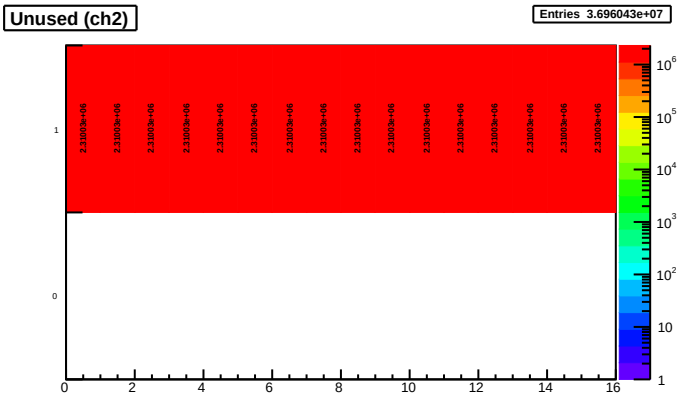

mFP201JPsim_FM104 large south
Entries 4570338
JP-T
JP-M
JP-B

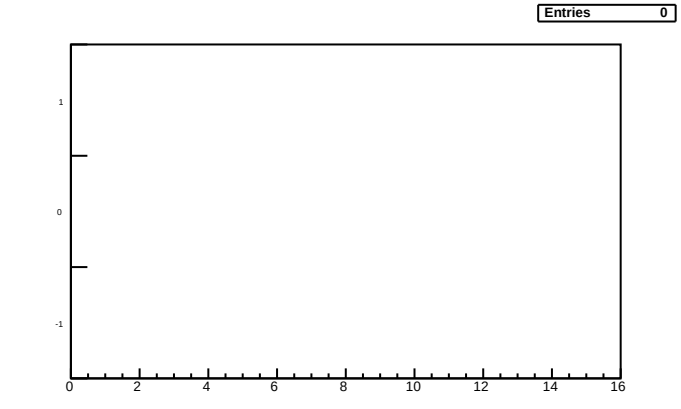

TF201 0-15 (ch0)
Entries 3.696043e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

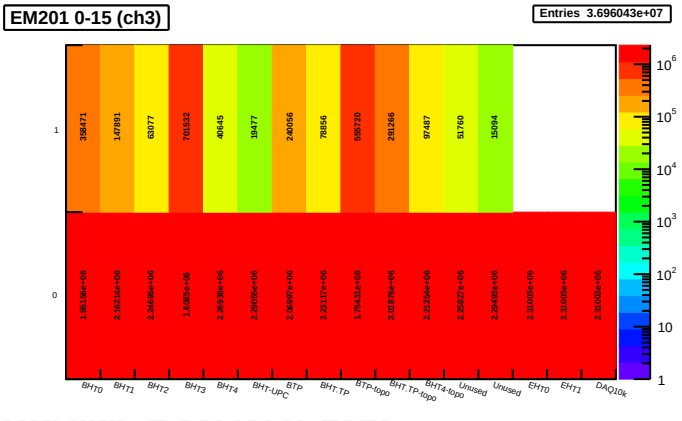

TF201 0-15 (ch0)
Entries 9534649
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

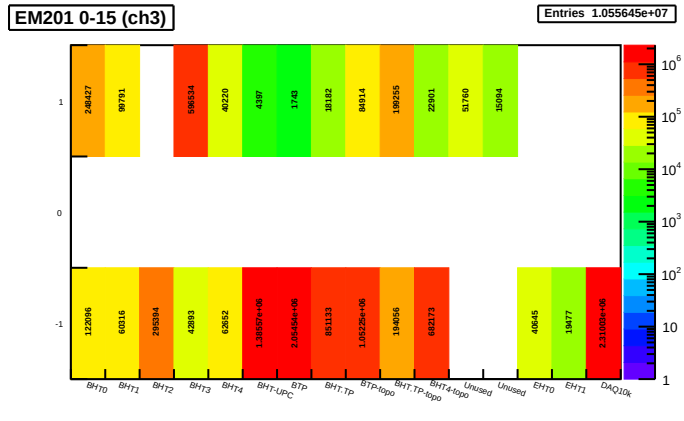

VT201 0-15 (ch1)
Entries 3.696043e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

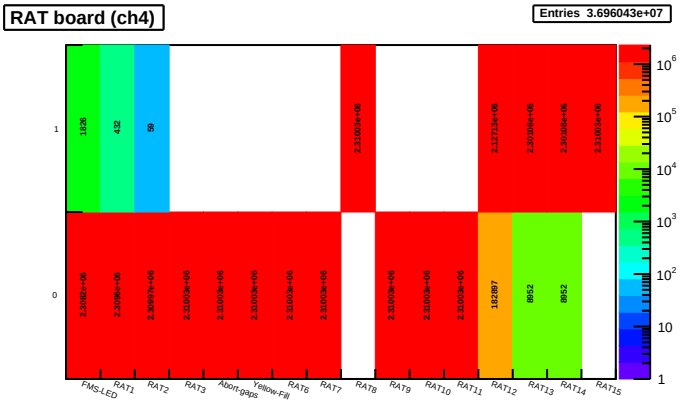

VT201 0-15 (ch1)
Entries 1.004727e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

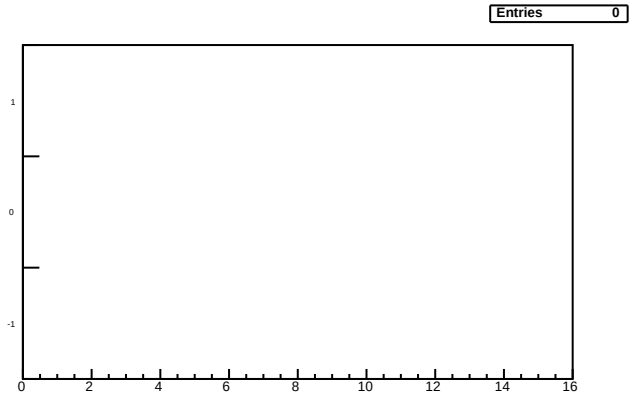

Unused (ch2)
Entries 3.696043e+07

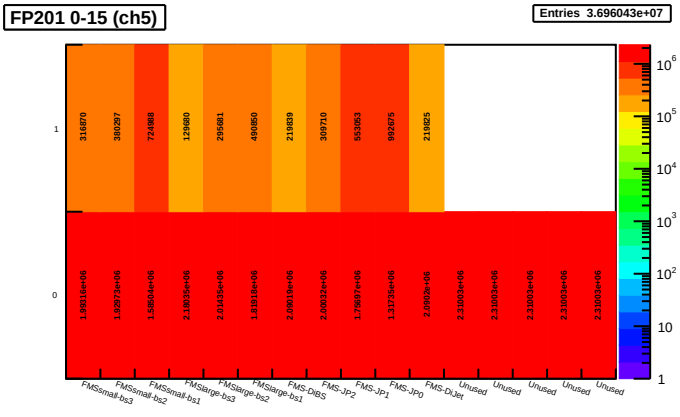

Entries 0

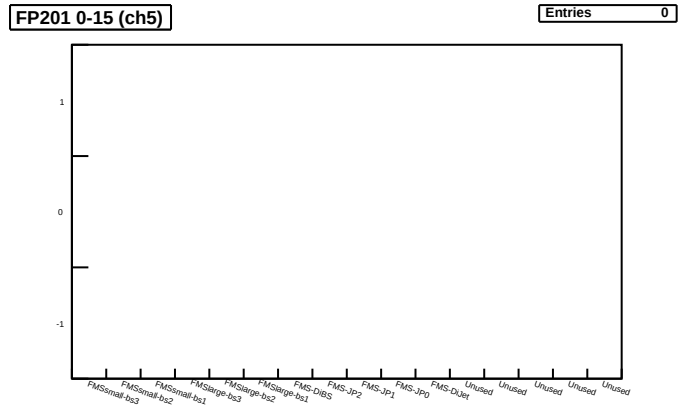

EM201 0-15 (ch3)
Entries 3.696043e+07
BH0
BH1
BH2
BH3
BH4
BH-UPC
BTP
BH-TP
BTP-topo
BH-TP-topo
BH4-topo
Unused
Unused
EH0
EH1
DAQ10k

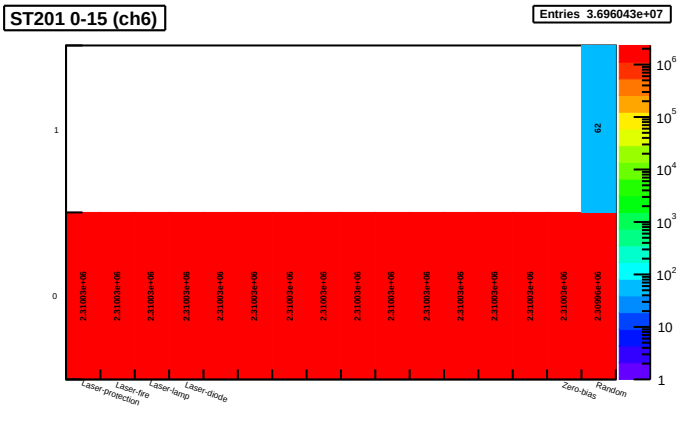

EM201 0-15 (ch3)
Entries 1.055645e+07
BH0
BH1
BH2
BH3
BH4
BH-UPC
BTP
BH-TP
BTP-topo
BH-TP-topo
BH4-topo
Unused
Unused
EH0
EH1
DAQ10k

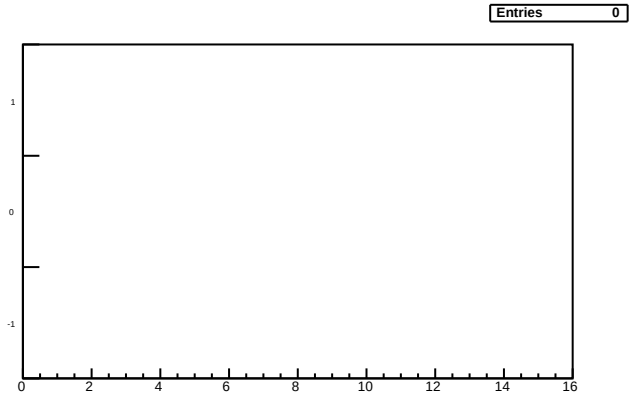

RAT board (ch4)
Entries 3.696043e+07
1826
432
99
2.31003e+06
2.12713e+06
2.30108e+06
2.30108e+06
2.31003e+06
2.30982e+06
2.3096e+06
2.30992e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
182897
8952
8952
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

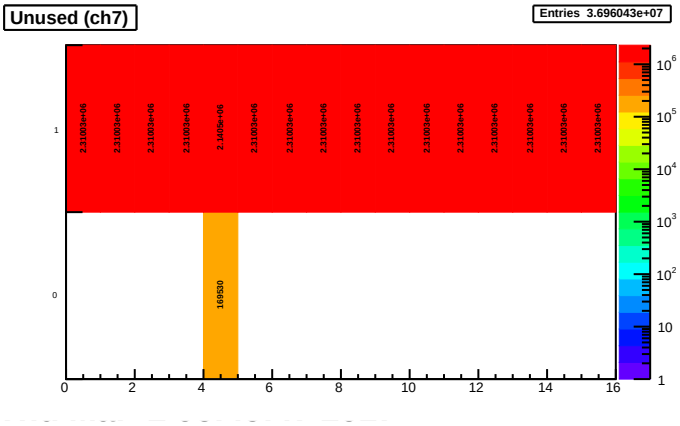

Entries 0

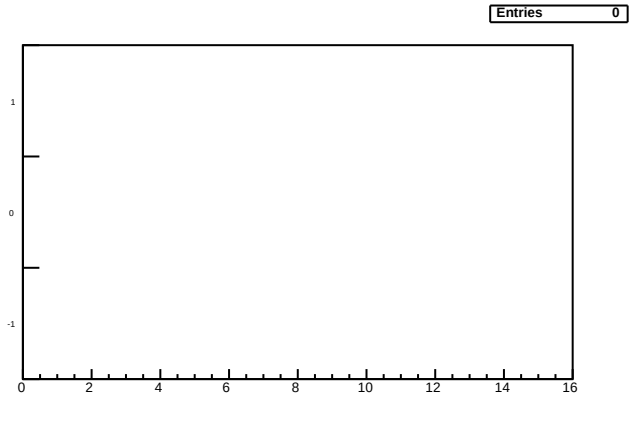

FP201 0-15 (ch5)
Entries 3.696043e+07
316870
380297
724988
129680
295681
490850
219839
309710
553053
992675
219825
1.98516e+06
1.92973e+06
1.58804e+06
2.18035e+06
2.01435e+06
1.81918e+06
2.09019e+06
2.00032e+06
1.79897e+06
1.31735e+06
2.0902e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 3.696043e+07
62
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.30986e+06
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 3.696043e+07
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.3095e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
2.31003e+06
169930


Entries 0