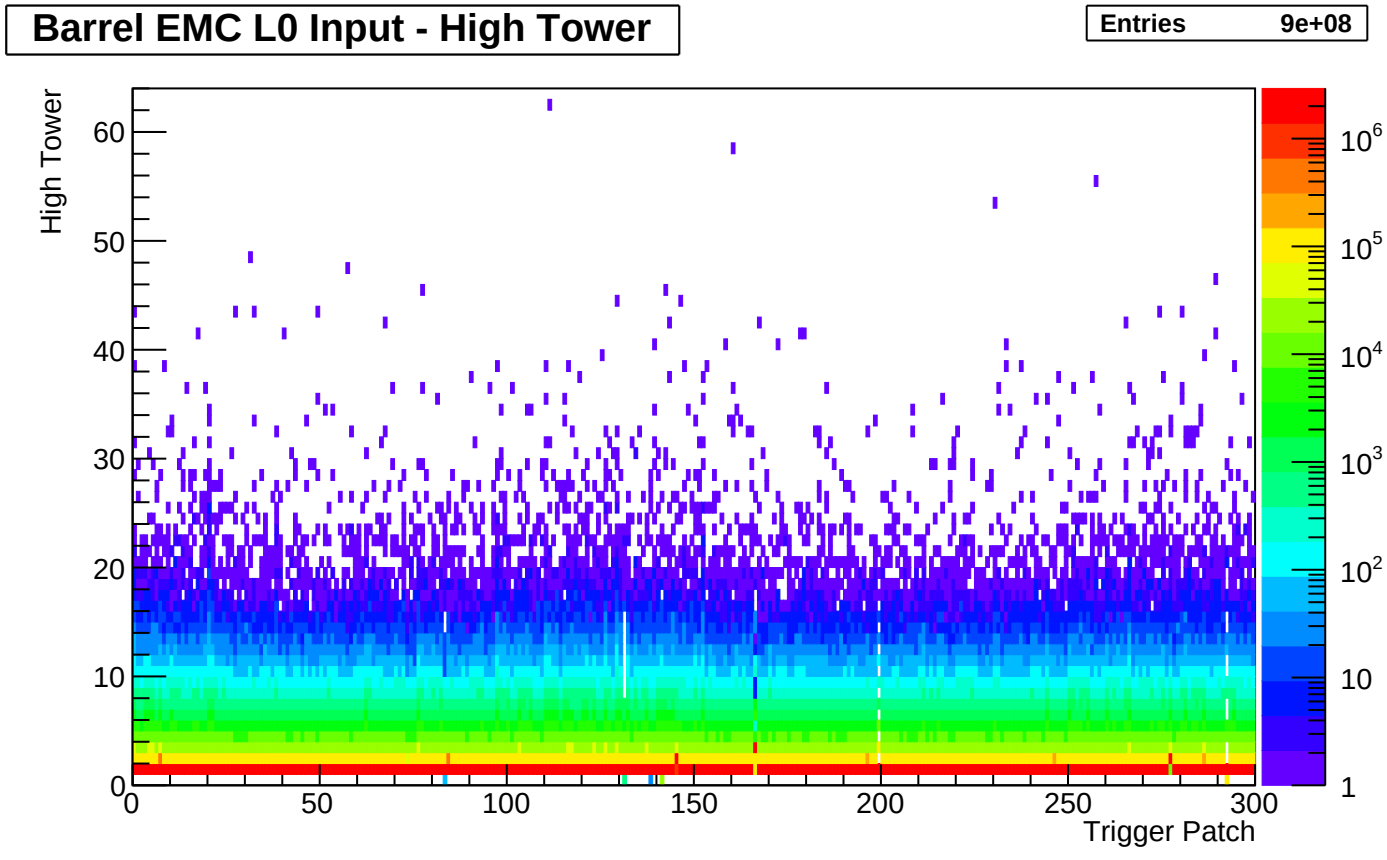
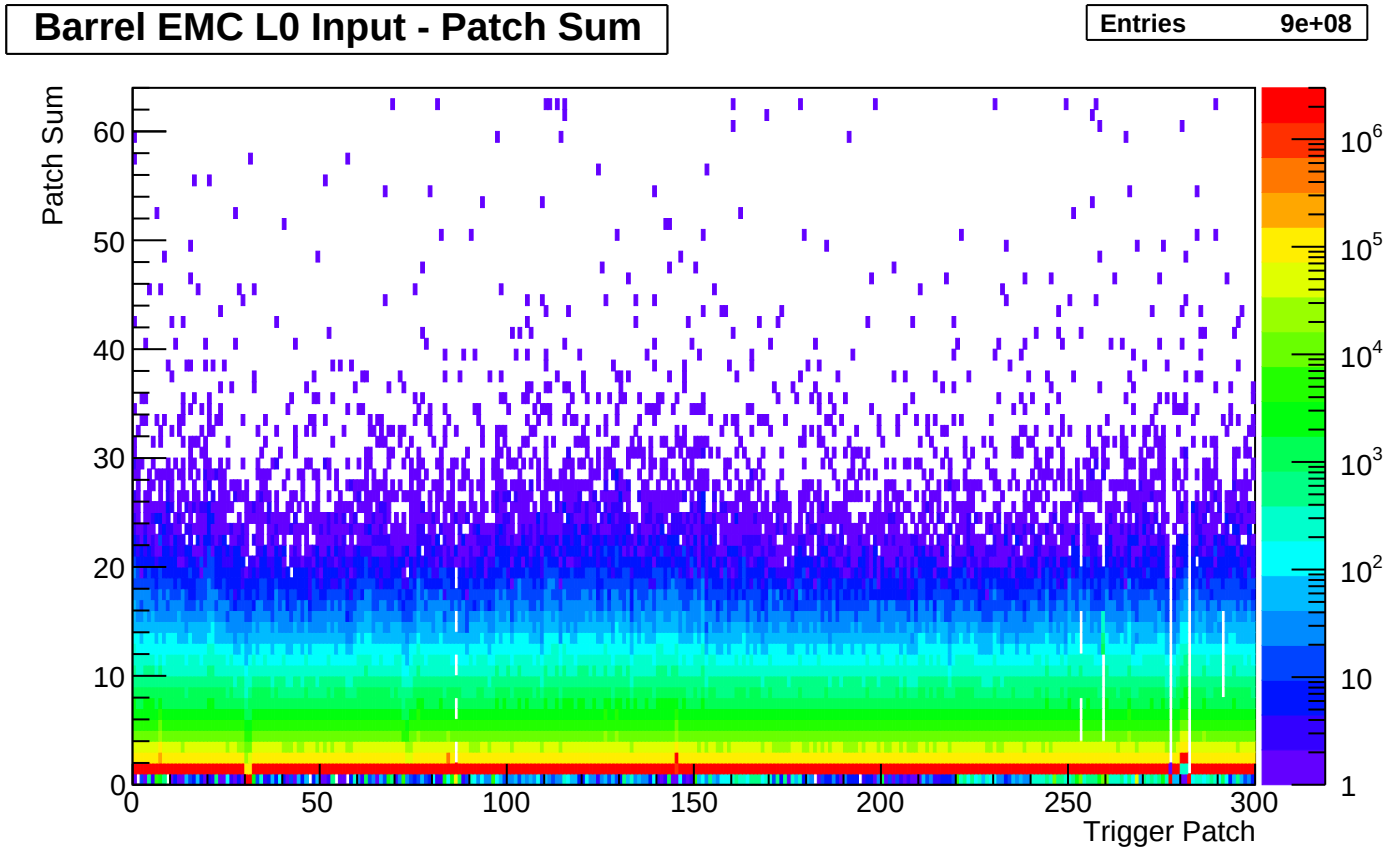
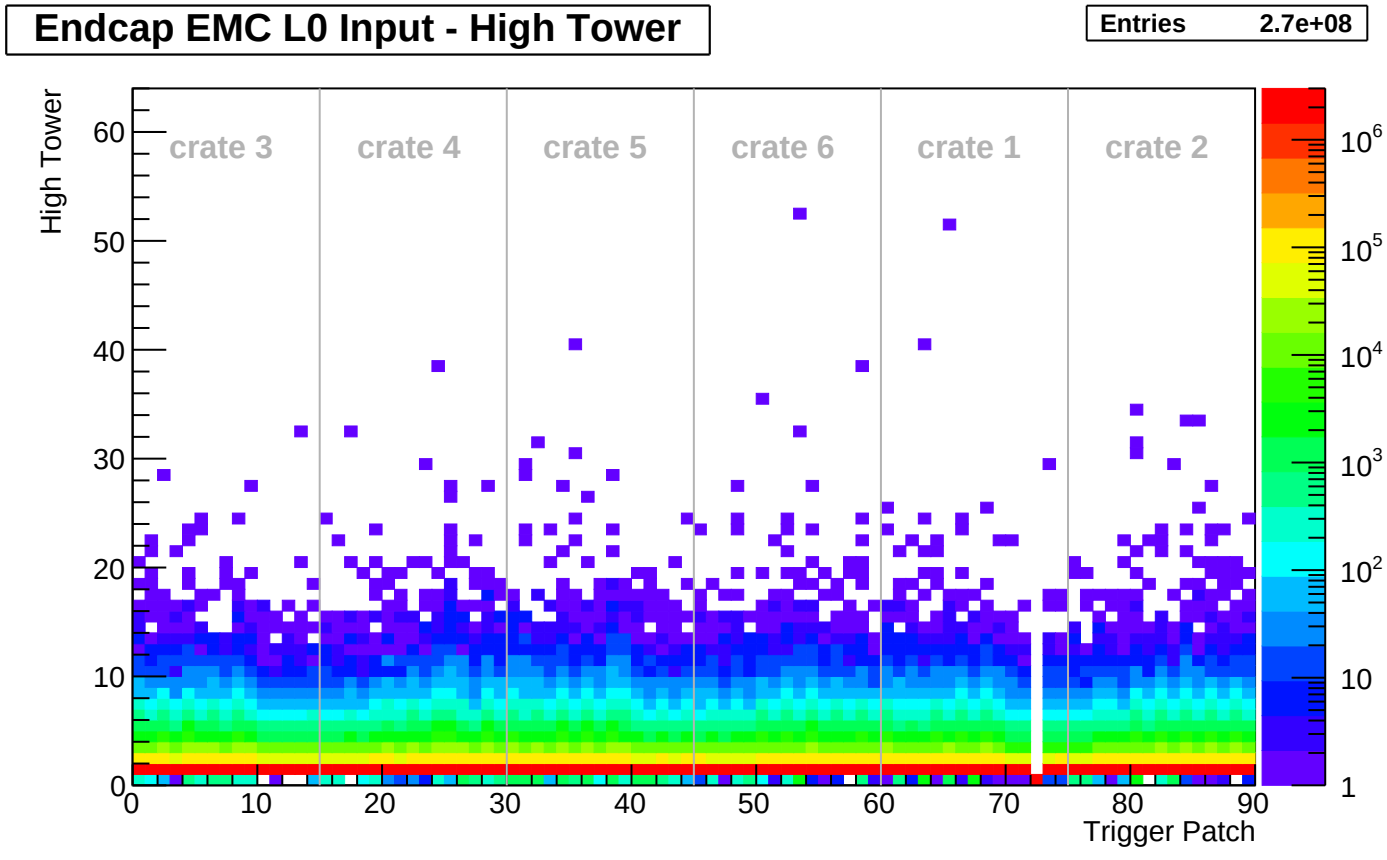
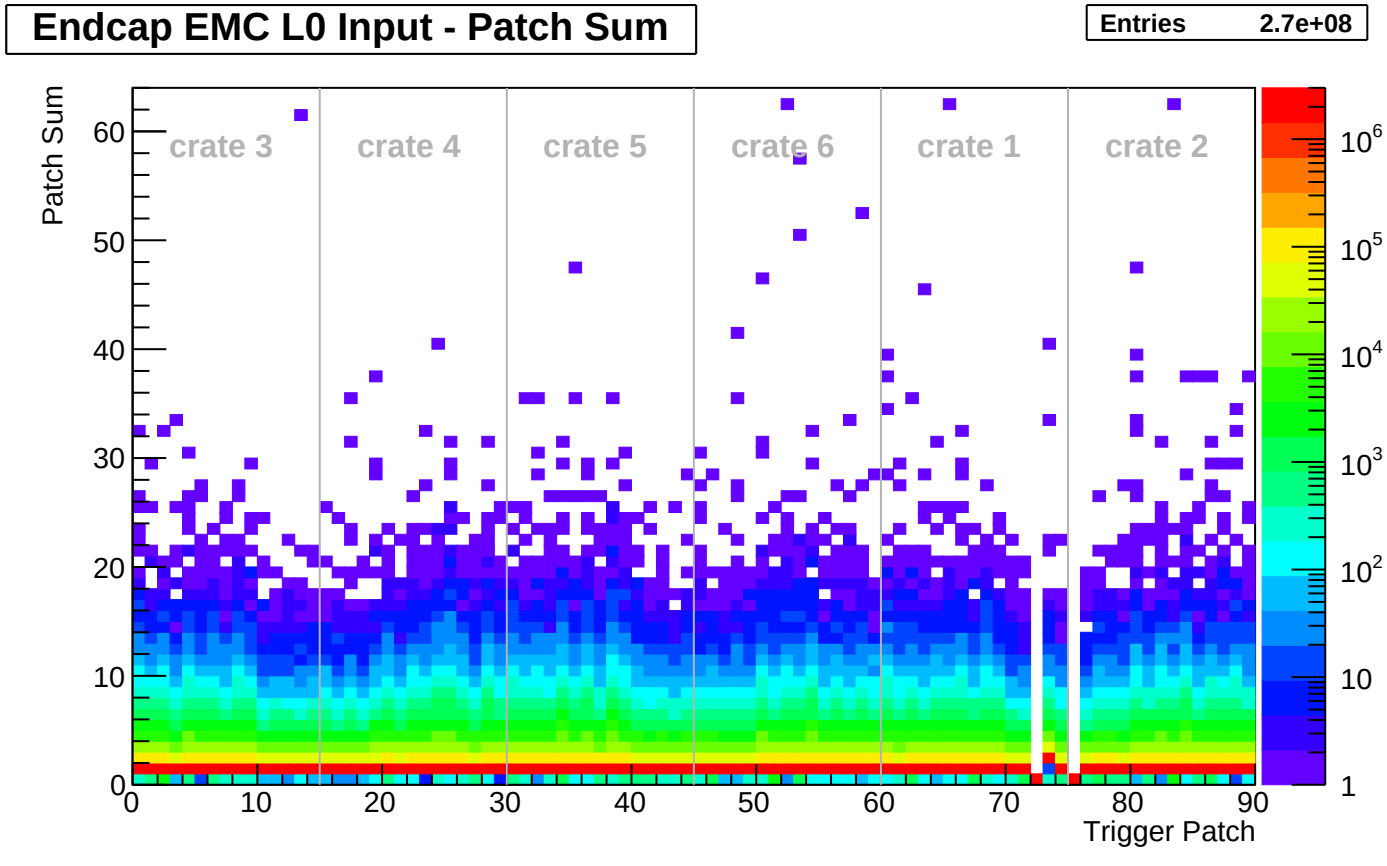
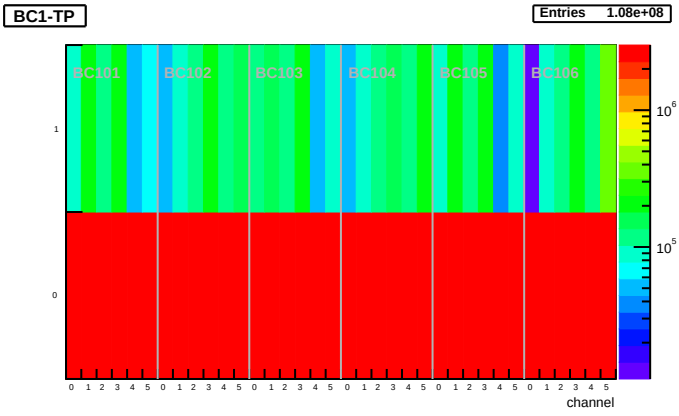
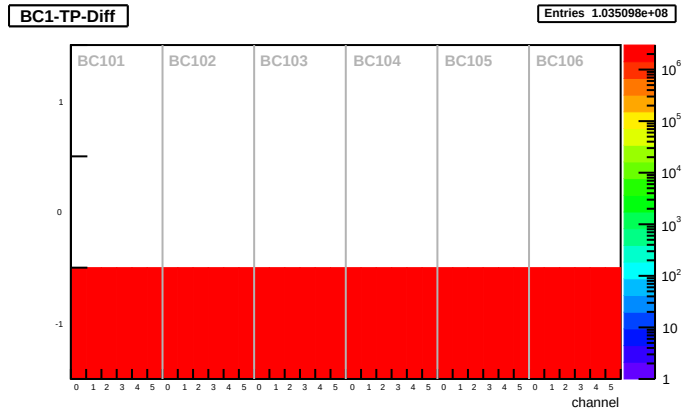

Barrel EMC L0 Input - High Tower
Entries 9e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

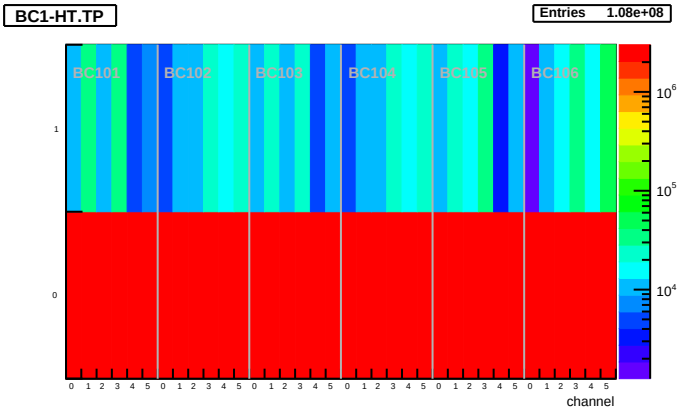

Barrel EMC L0 Input - Patch Sum
Entries 9e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

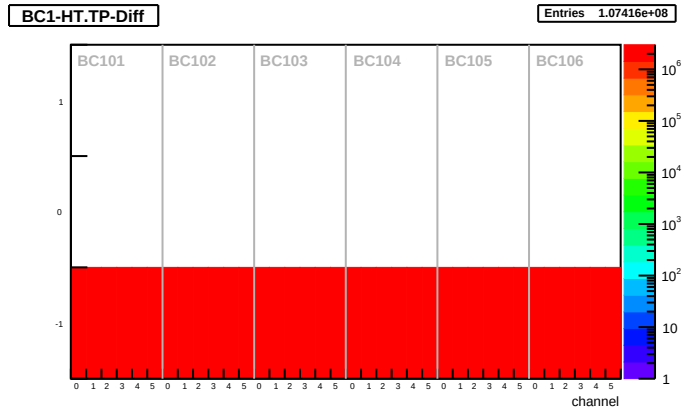

Endcap EMC L0 Input - High Tower
Entries 2.7e+08
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

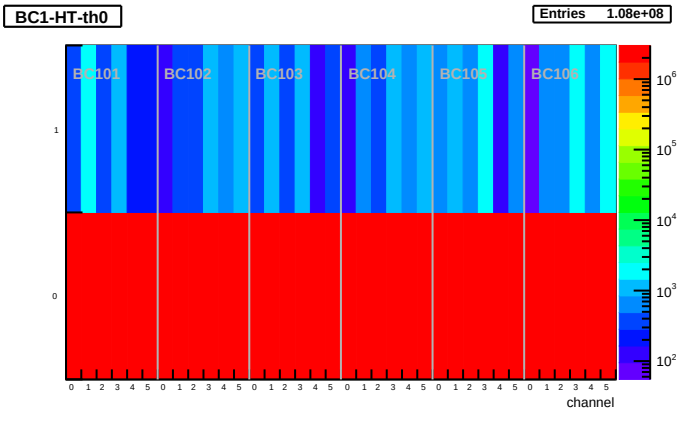

Endcap EMC L0 Input - Patch Sum
Entries 2.7e+08
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

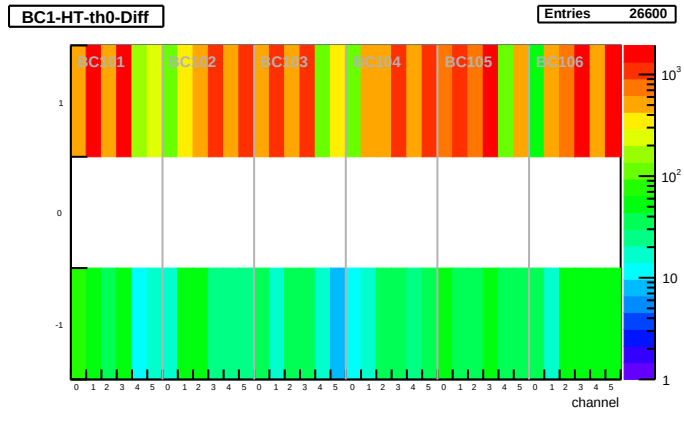

BC1-TP
Entries 1.08e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

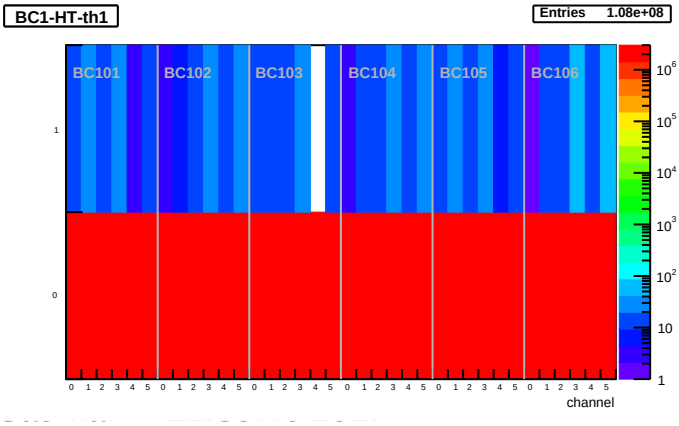

BC1-TP-Diff
Entries 1.035098e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

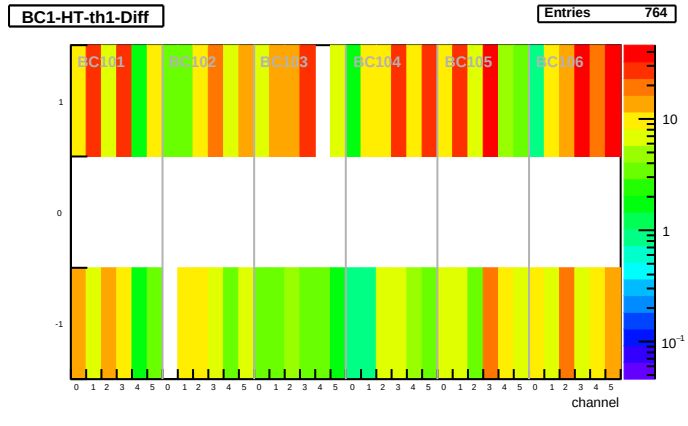

BC1-HT.TP
Entries 1.08e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

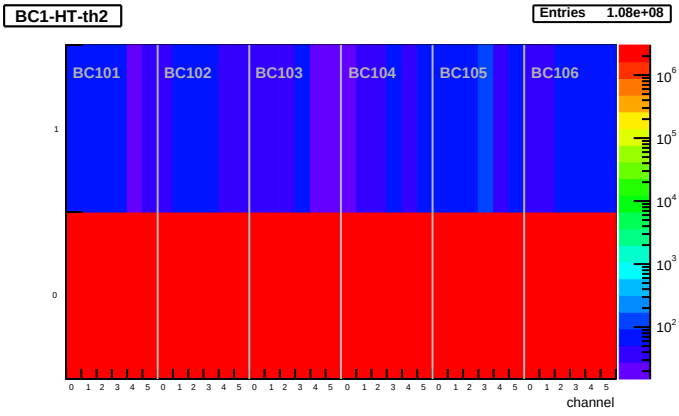

BC1-HT.TP-Diff
Entries 1.07416e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

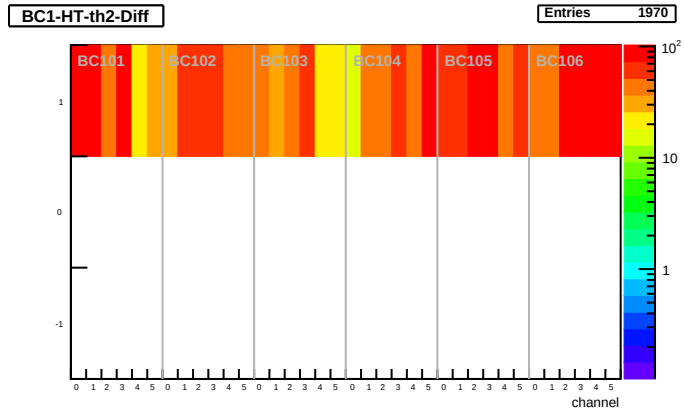

BC1-HT-th0
Entries 1.08e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

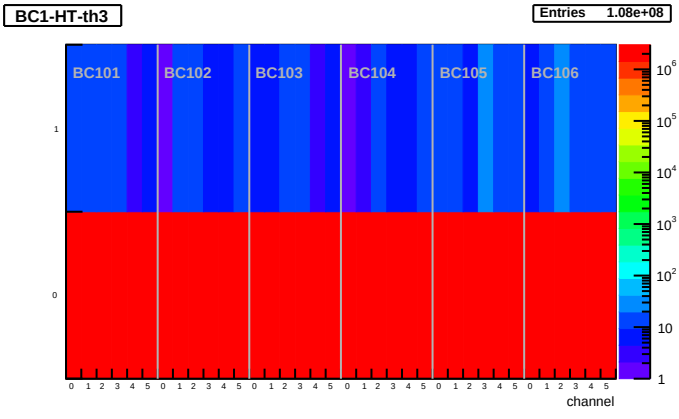

BC1-HT-th0-Diff
Entries 26600
BC101
BC102
BC103
BC104
BC105
BC106
channel

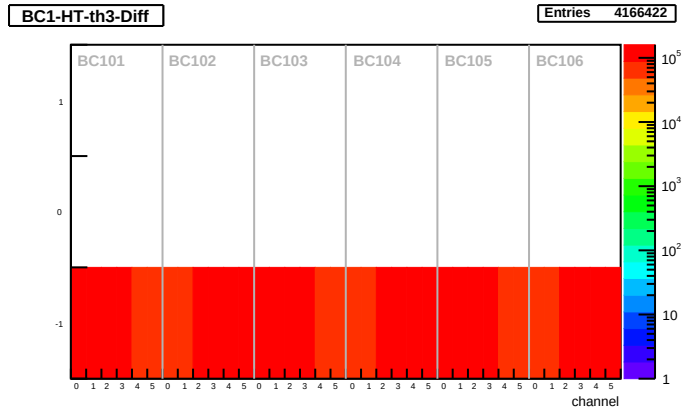

BC1-HT-th1
Entries 1.08e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

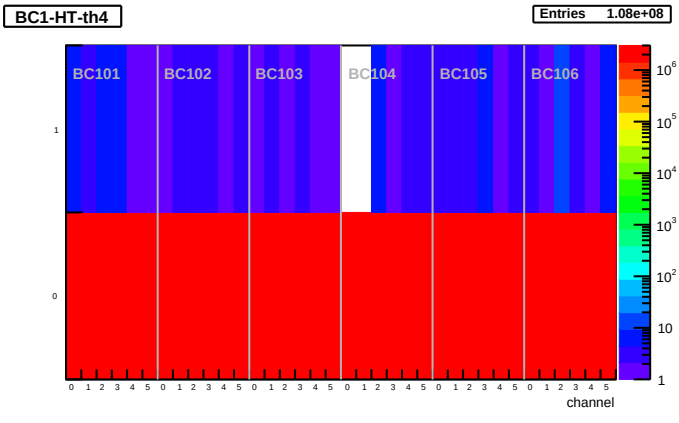

BC1-HT-th1-Diff
Entries 764
BC101
BC102
BC103
BC104
BC105
BC106
channel

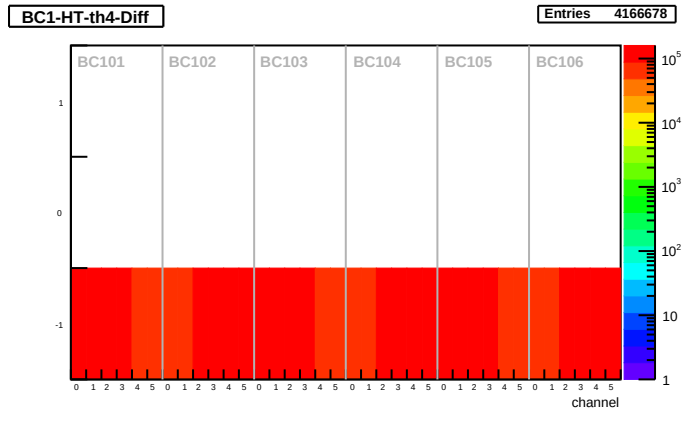

BC1-HT-th2
Entries 1.08e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

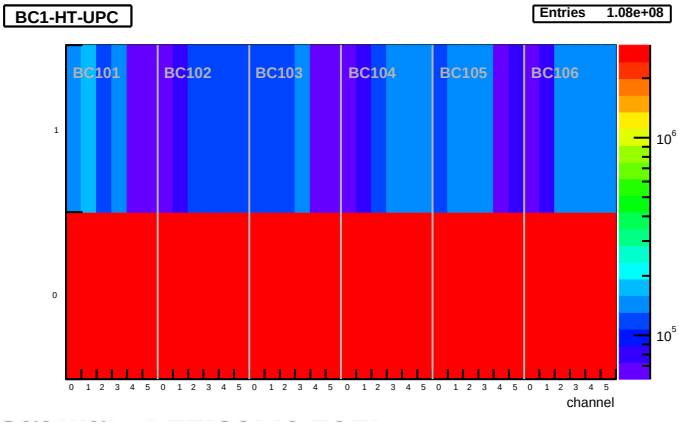

BC1-HT-th2-Diff
Entries 1970
BC101
BC102
BC103
BC104
BC105
BC106
channel

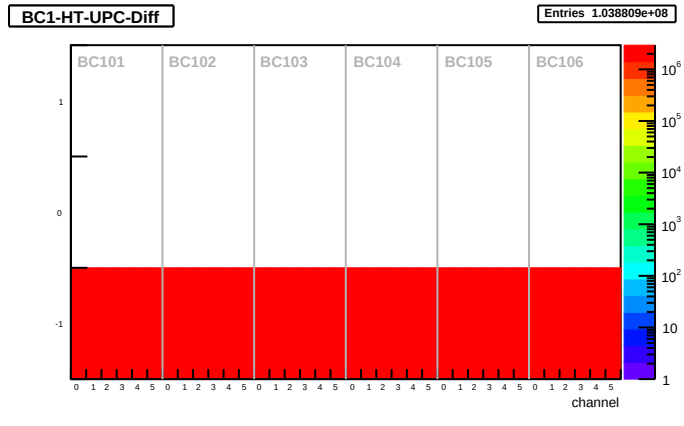

BC1-HT-th3
Entries 1.08e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

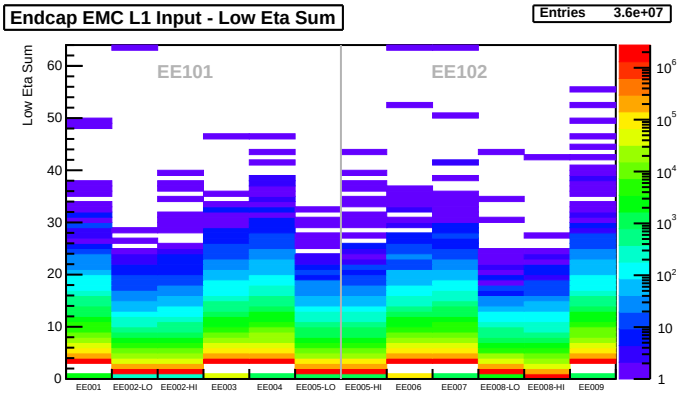

BC1-HT-th3-Diff
Entries 4166422
BC101
BC102
BC103
BC104
BC105
BC106
channel

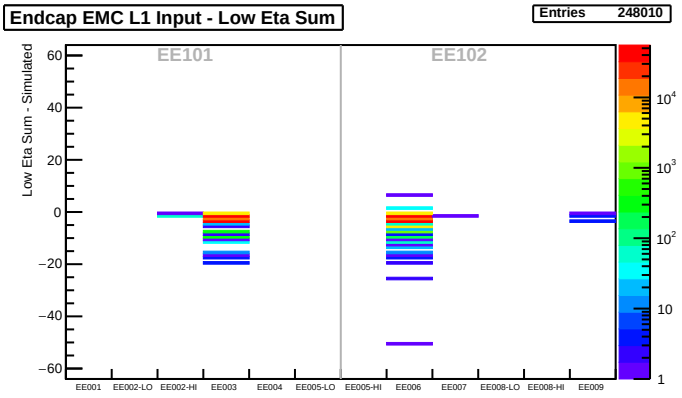

BC1-HT-th4
Entries 1.08e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

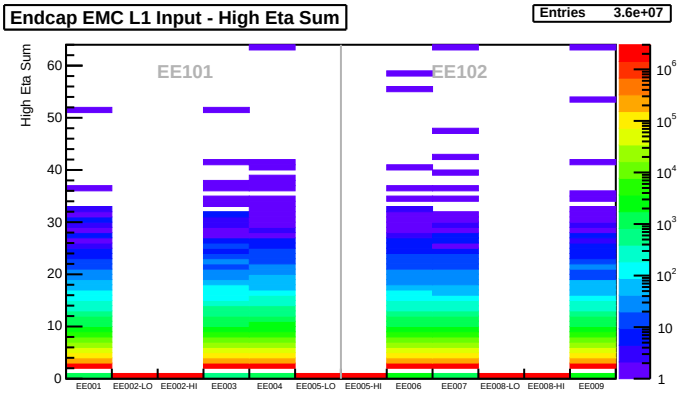

BC1-HT-th4-Diff
Entries 4166678
BC101
BC102
BC103
BC104
BC105
BC106
channel

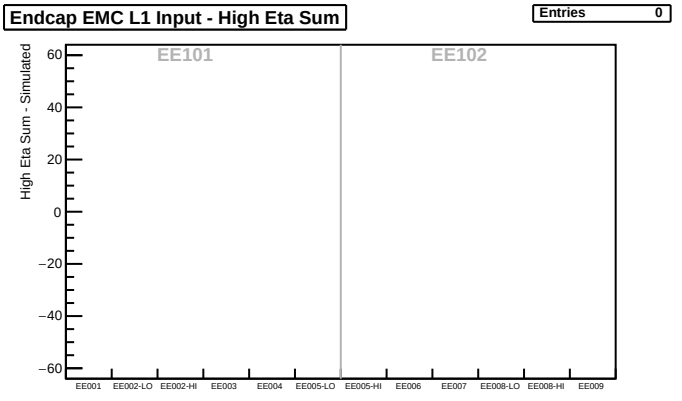

BC1-HT-UPC
Entries 1.08e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

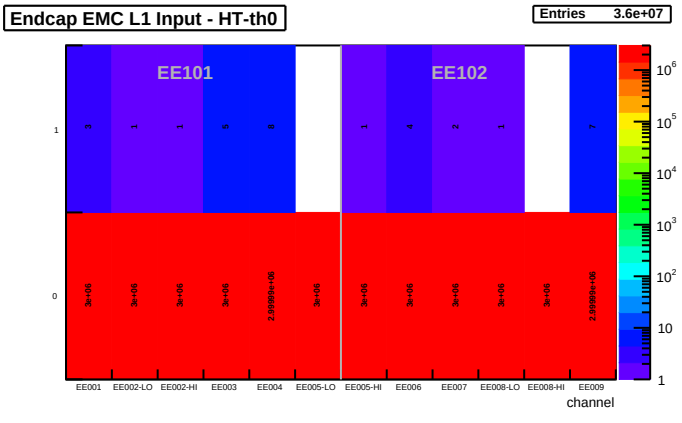

BC1-HT-UPC-Diff
Entries 1.038809e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

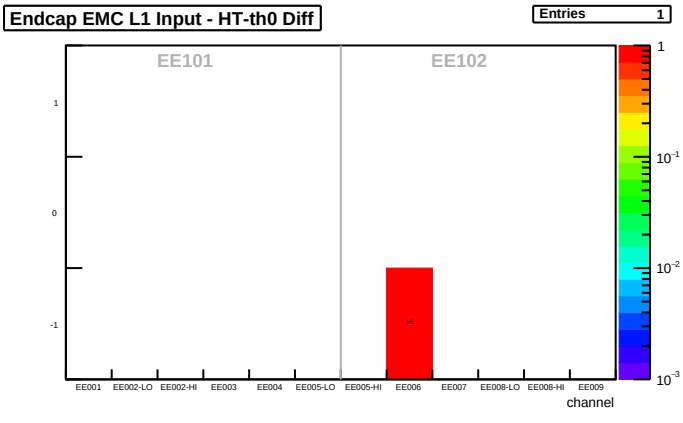

Endcap EMC L1 Input - Low Eta Sum
Entries 3.6e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

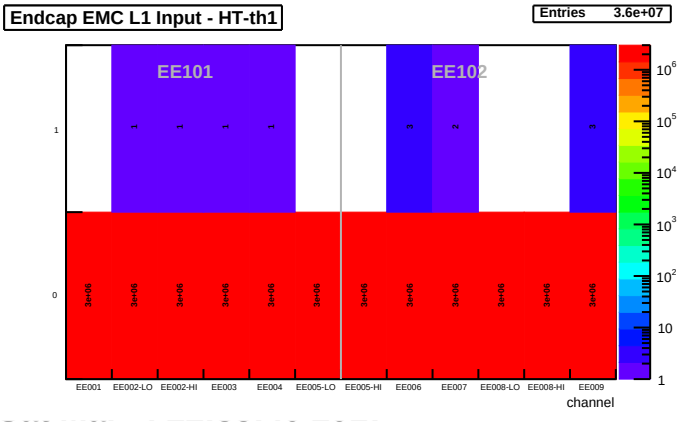

Endcap EMC L1 Input - Low Eta Sum
Entries 248010
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

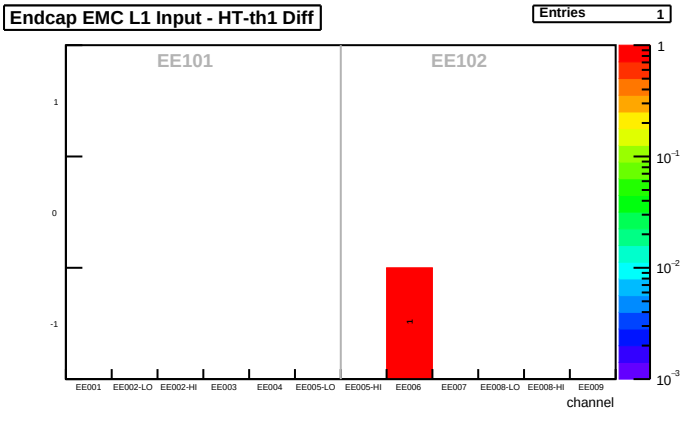

Endcap EMC L1 Input - High Eta Sum
Entries 3.6e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

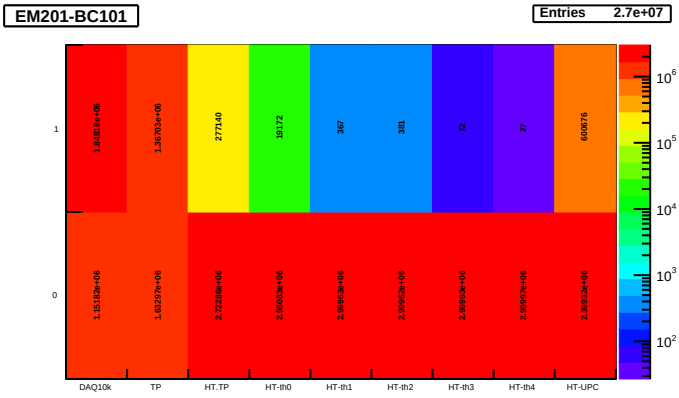

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

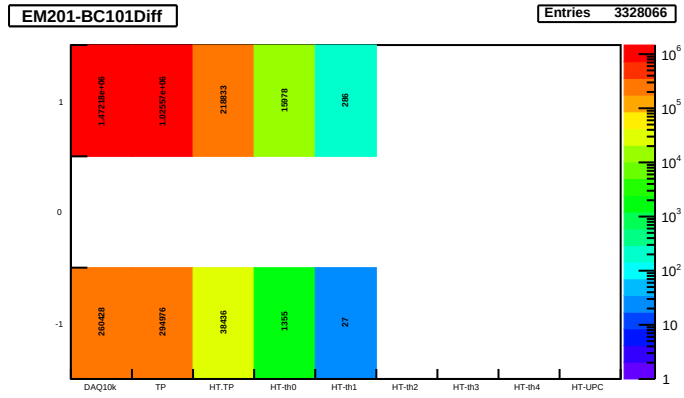

Endcap EMC L1 Input - HT-th0
Entries 3.6e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

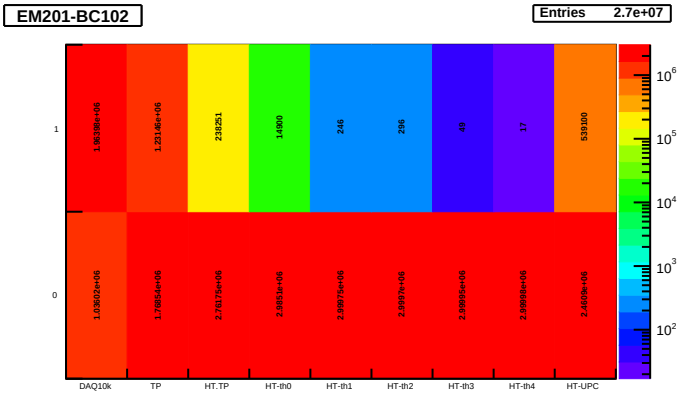

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

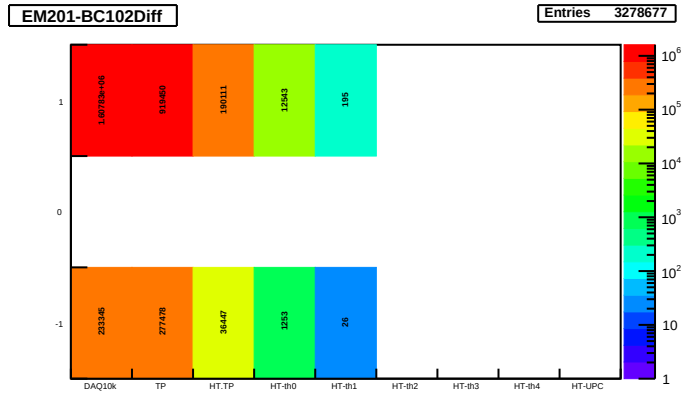

Endcap EMC L1 Input - HT-th1
Entries 3.6e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

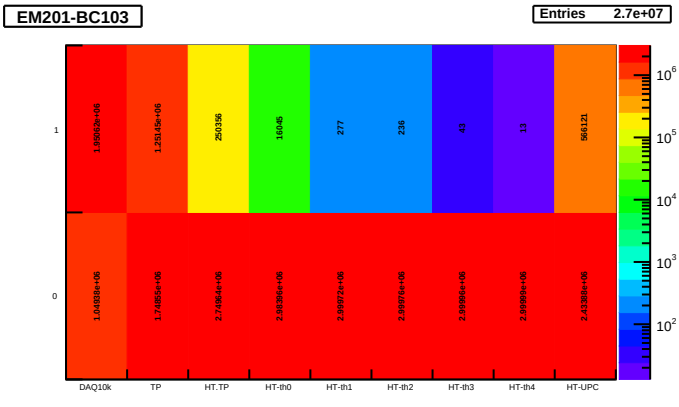

Endcap EMC L1 Input - HT-th1 Diff
Entries 1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

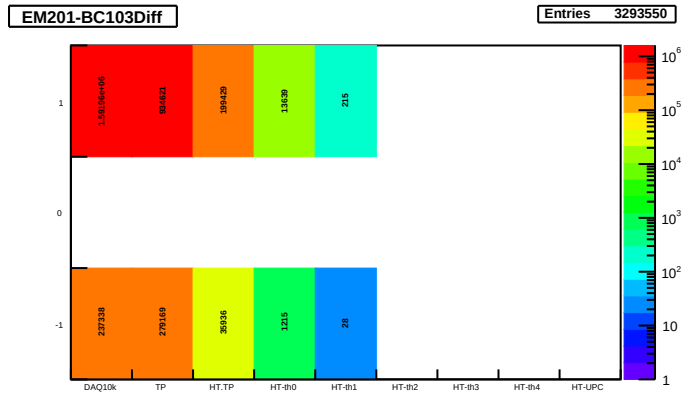

EM201-BC101
Entries 2.7e+07
1.84519e+06
1.36703e+06
277140
19172
367
381
72
27
608676
1.15182e+06
1.63297e+06
2.72235e+06
2.90083e+06
2.99963e+06
2.99962e+06
2.99993e+06
2.99997e+06
2.39032e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

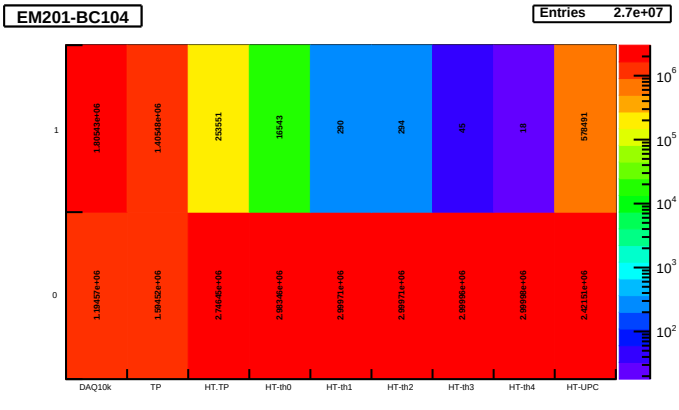

EM201-BC101Diff
Entries 3328066
1.47219e+06
1.02557e+06
218833
19978
286
260428
294976
38406
1355
27
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

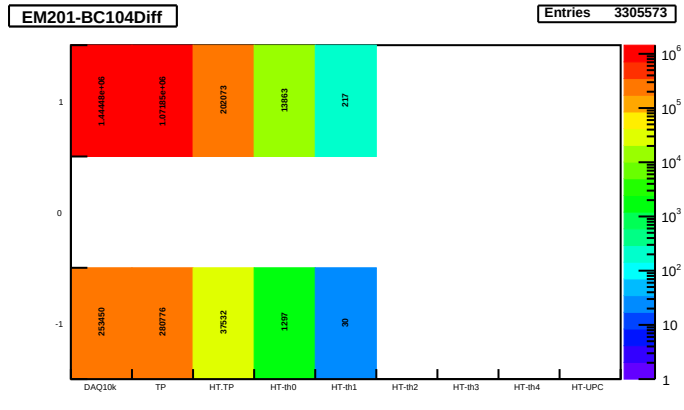

EM201-BC102
Entries 2.7e+07
1.86388e+06
1.23146e+06
238251
14900
246
296
49
17
539100
1.03022e+06
1.76854e+06
2.76175e+06
2.96516e+06
2.99975e+06
2.99976e+06
2.99995e+06
2.99998e+06
2.46039e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 3278677
1.60730e+06
919450
190111
12543
195
233345
277478
36447
1253
26
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

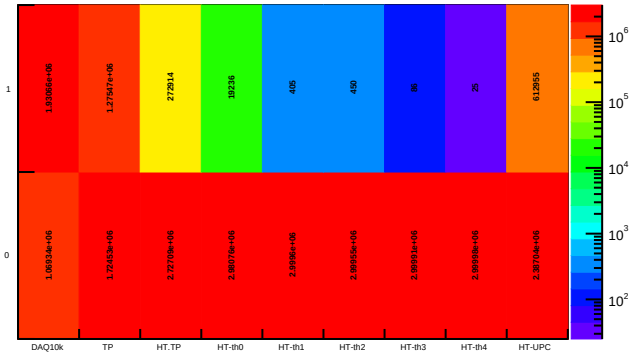

EM201-BC103
Entries 2.7e+07
1.95062e+06
1.25145e+06
250356
16545
277
236
43
13
566121
1.04928e+06
1.74855e+06
2.74984e+06
2.96356e+06
2.99972e+06
2.99976e+06
2.99996e+06
2.99999e+06
2.43388e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 3293550
1.59196e+06
934621
199439
13539
215
237338
279169
35936
1215
28
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

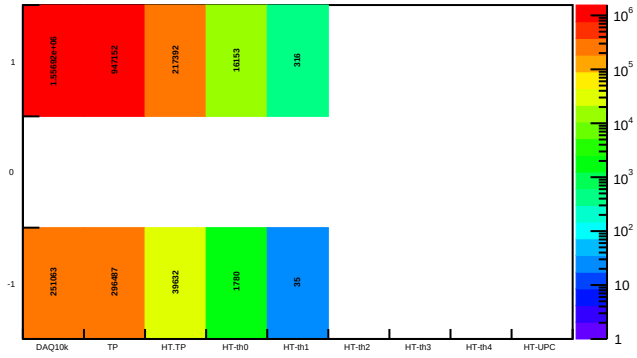

EM201-BC104
Entries 2.7e+07
1.80543e+06
1.40548e+06
293551
16543
290
294
45
18
576491
1.19457e+06
1.59452e+06
2.74645e+06
2.95346e+06
2.99971e+06
2.99971e+06
2.99998e+06
2.99999e+06
2.42151e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 3305573
1.44449e+06
1.07185e+06
202073
13863
217
253450
290776
37532
1297
30
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

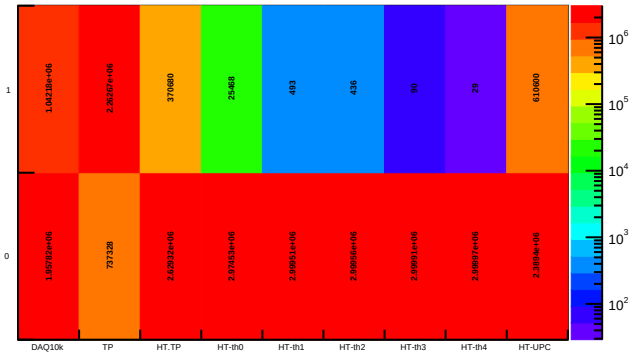
EM201-BC105 Entries 2.7e+07



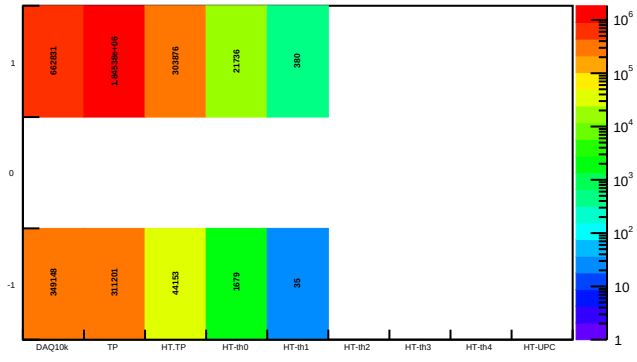
EM201-BC105Diff Entries 3326926



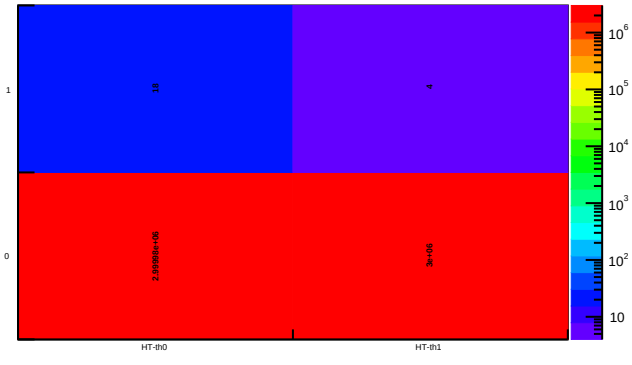
EM201-BC106 Entries 2.7e+07



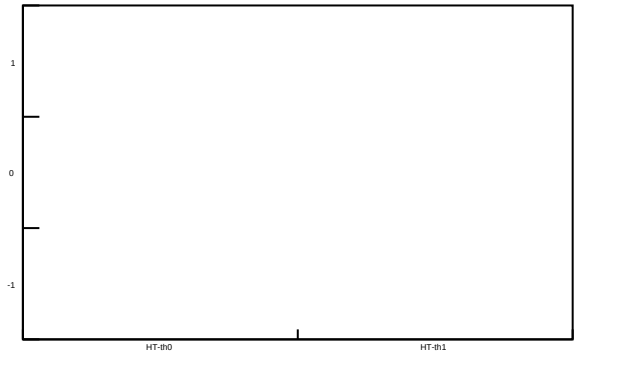
EM201-BC106Diff Entries 3540418



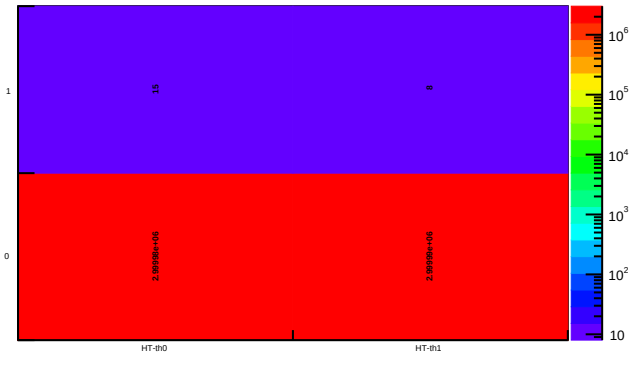
EM201-EE101 Entries 6000000



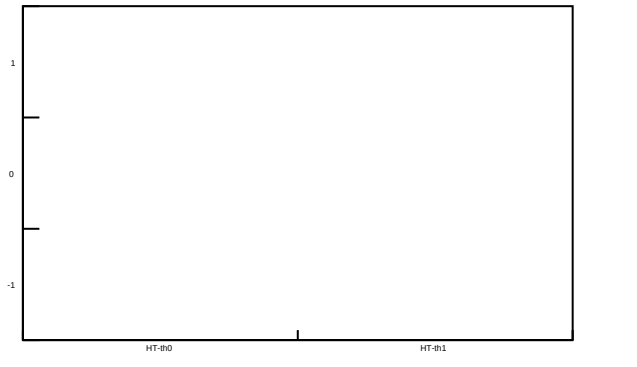
EM201-EE101Diff Entries 0

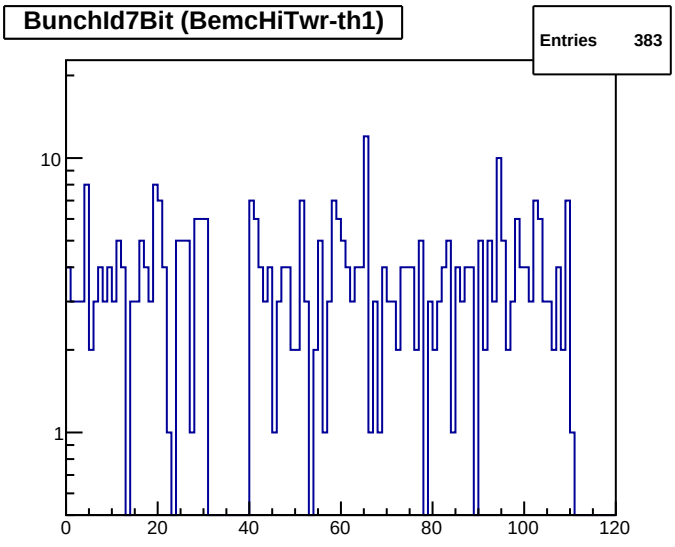


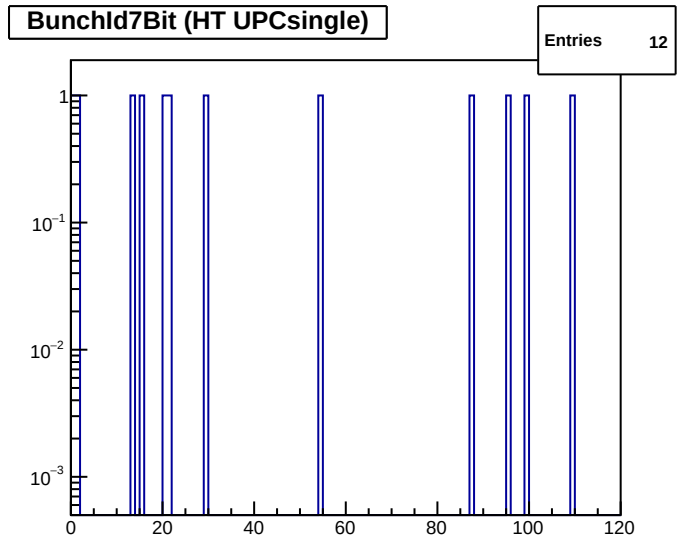
EM201-EE102 Entries 6000000

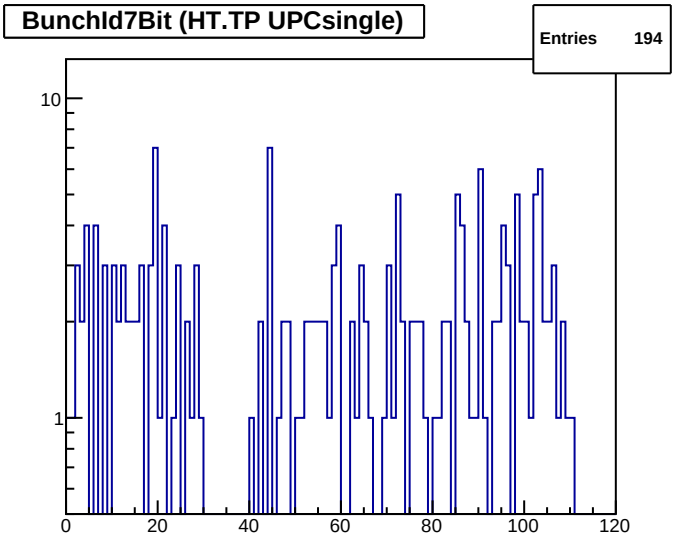


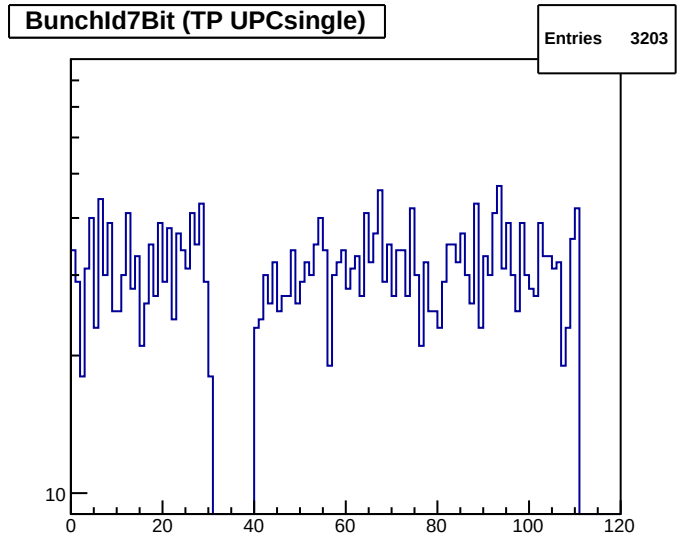
EM201-EE102Diff Entries 0

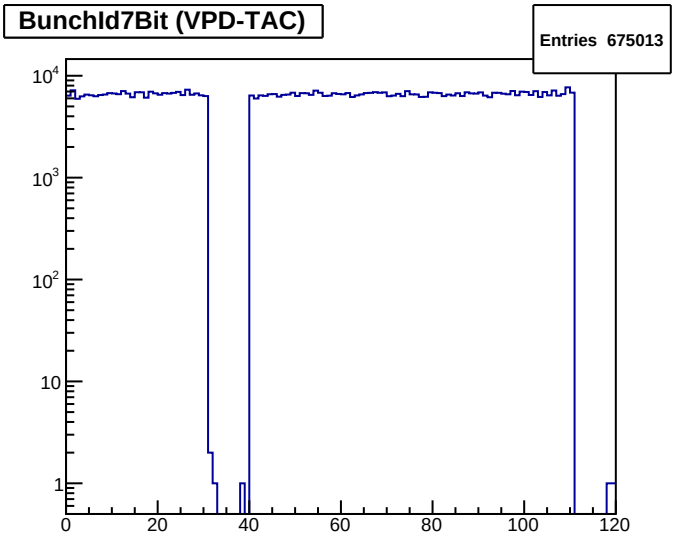


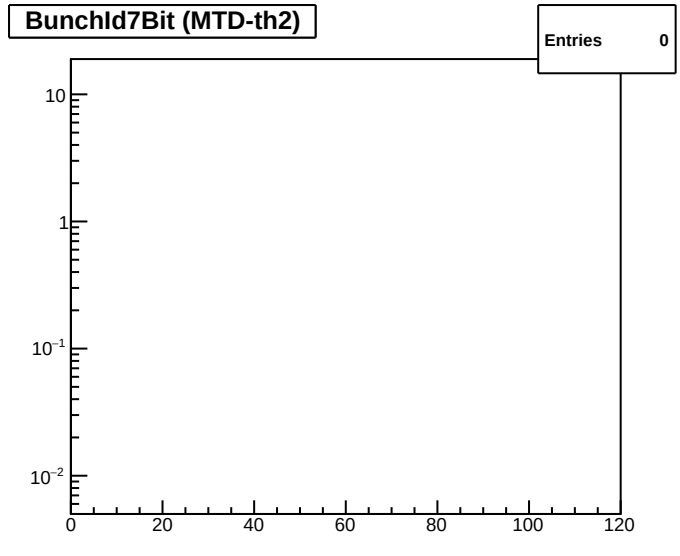

BunchId7Bit (BemcHiTwr-th1)
Entries 383

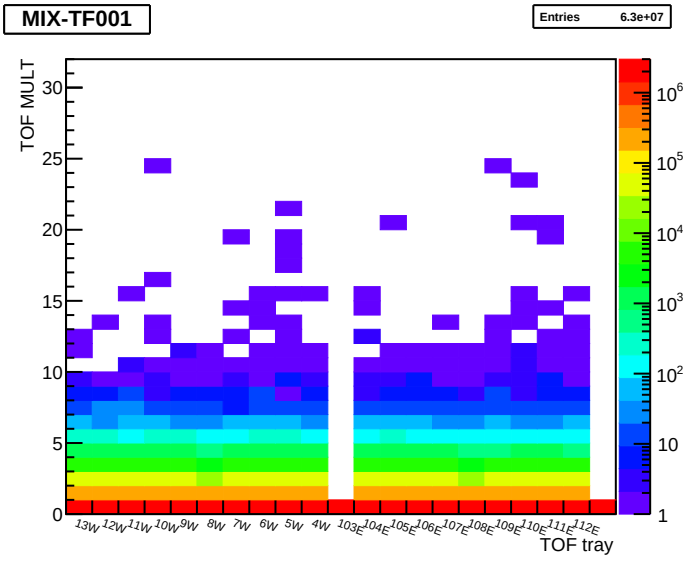

BunchId7Bit (HT UPCsingle)
Entries 12

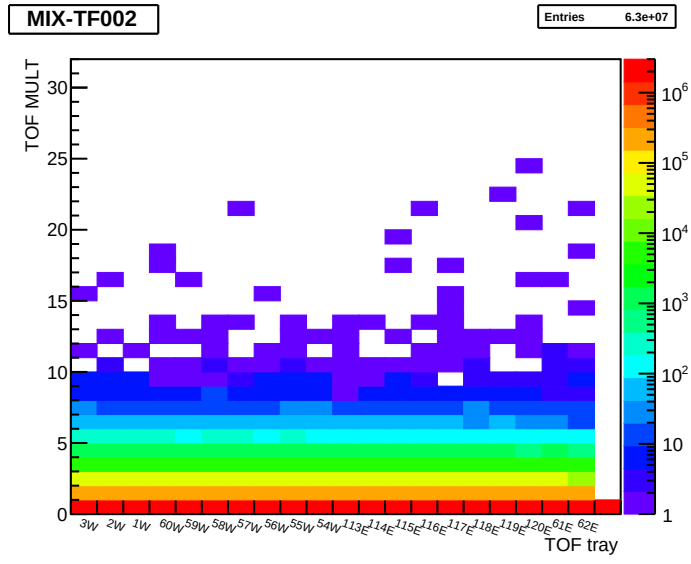

BunchId7Bit (HT.TP UPCsingle)
Entries 194

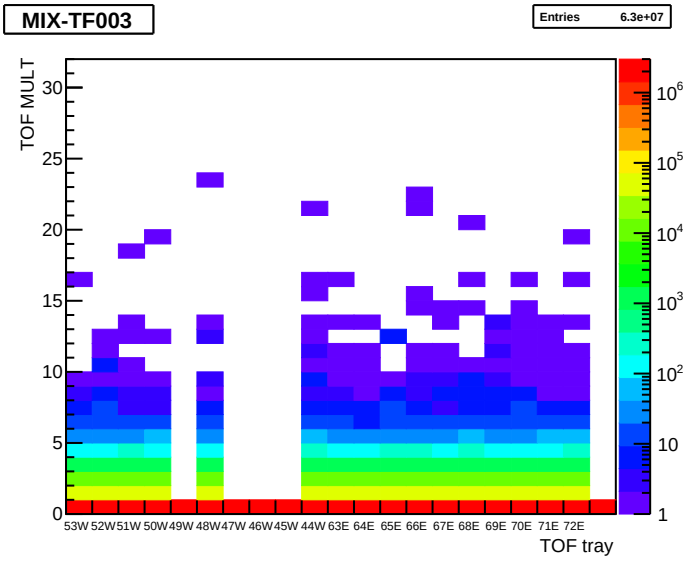

BunchId7Bit (TP UPCsingle)
Entries 3203

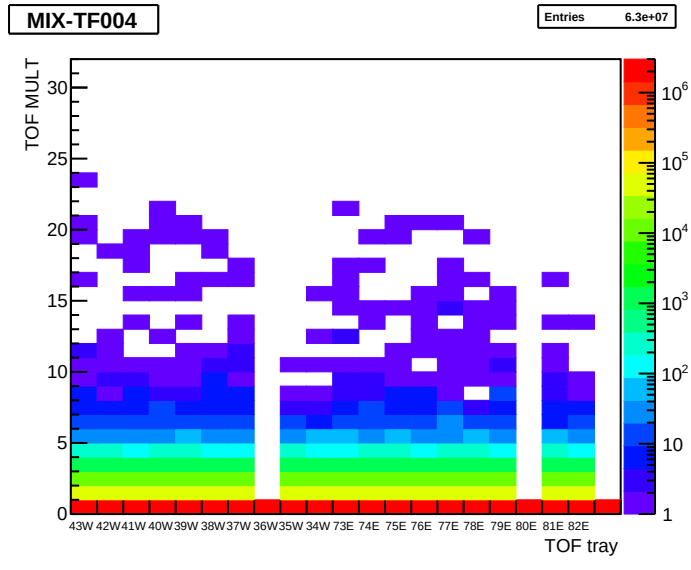

BunchId7Bit (VPD-TAC)
Entries 675013

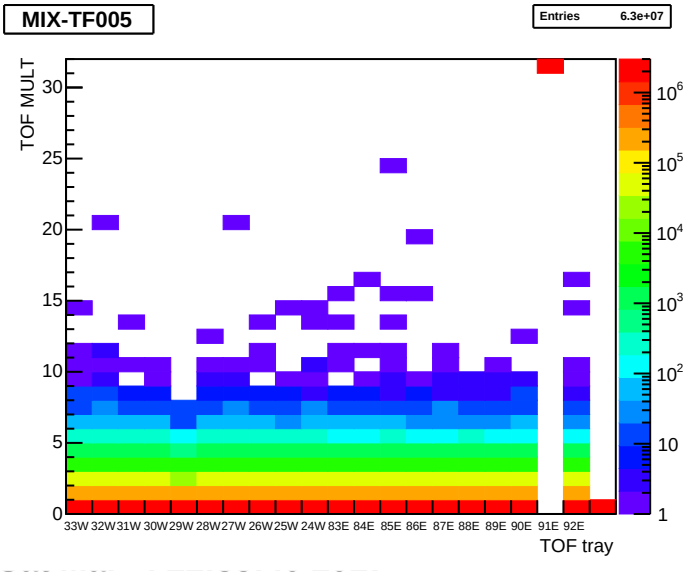

BunchId7Bit (MTD-th2)
Entries 0

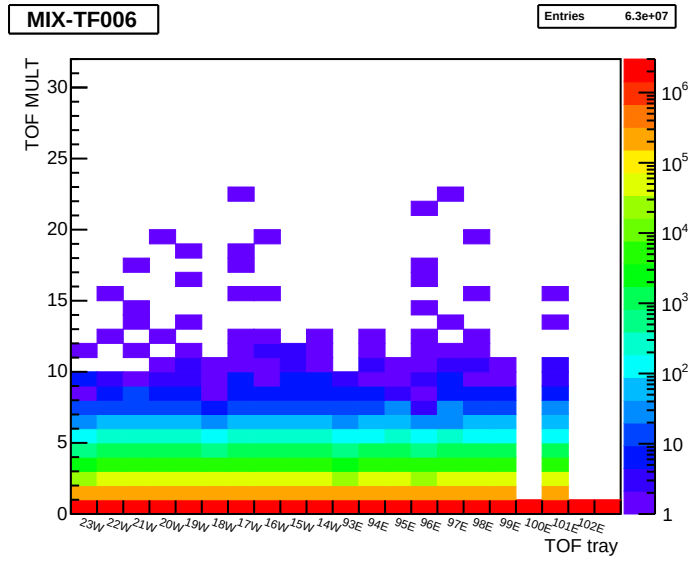

MIX-TF001
Entries 6.3e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

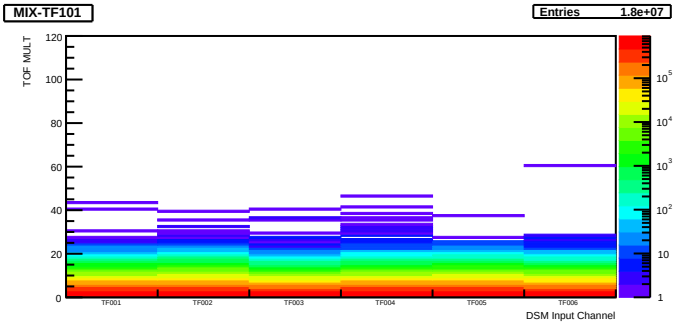

MIX-TF002
Entries 6.3e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

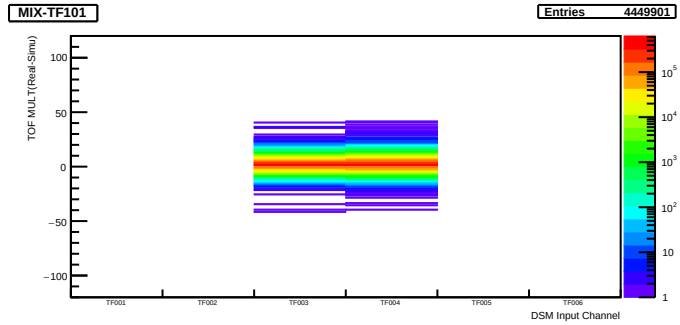

MIX-TF003
Entries 6.3e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

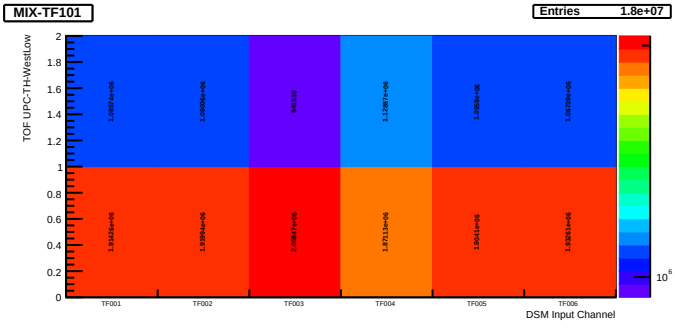

MIX-TF004
Entries 6.3e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

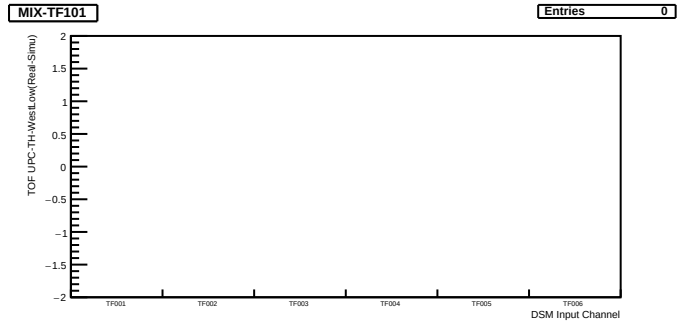

MIX-TF005
Entries 6.3e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

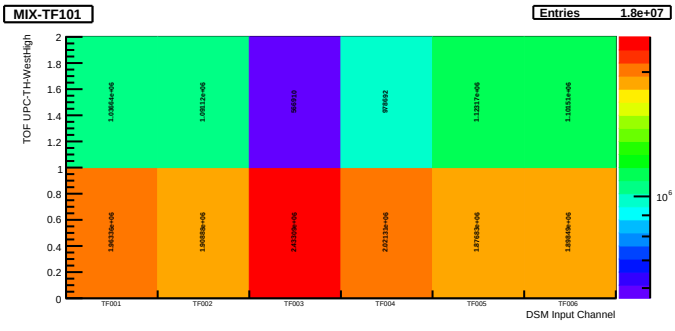

MIX-TF006
Entries 6.3e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

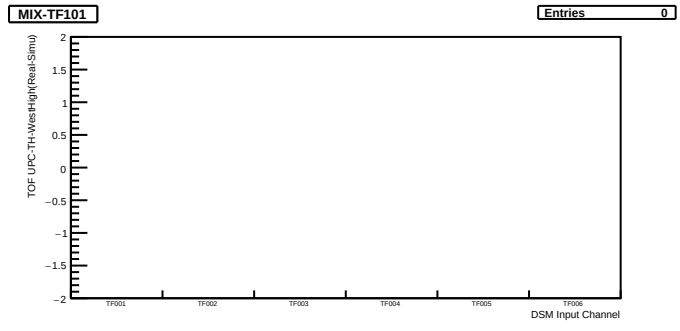

MIX-TF101
Entries 1.8e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

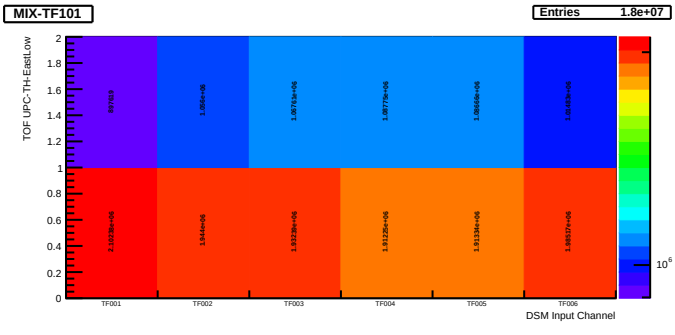

MIX-TF101
Entries 4449901
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

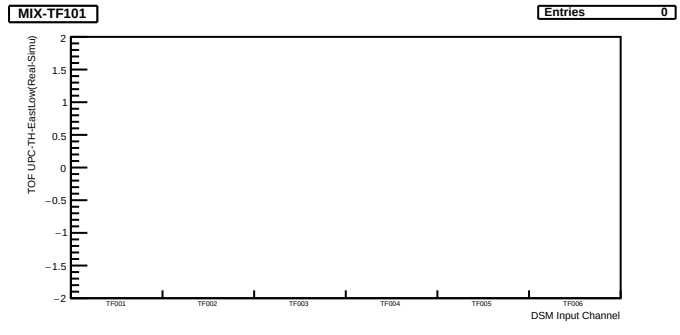

MIX-TF101
Entries 1.8e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

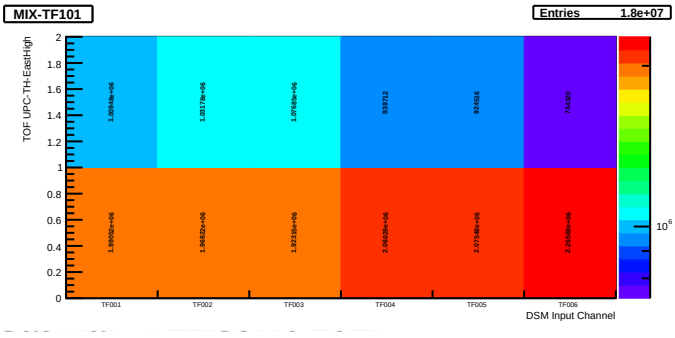

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

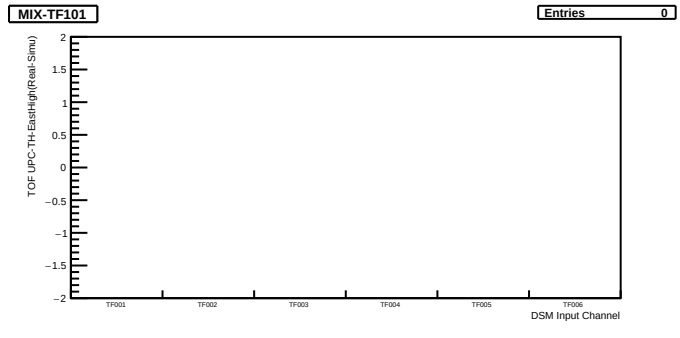

MIX-TF101
Entries 1.8e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

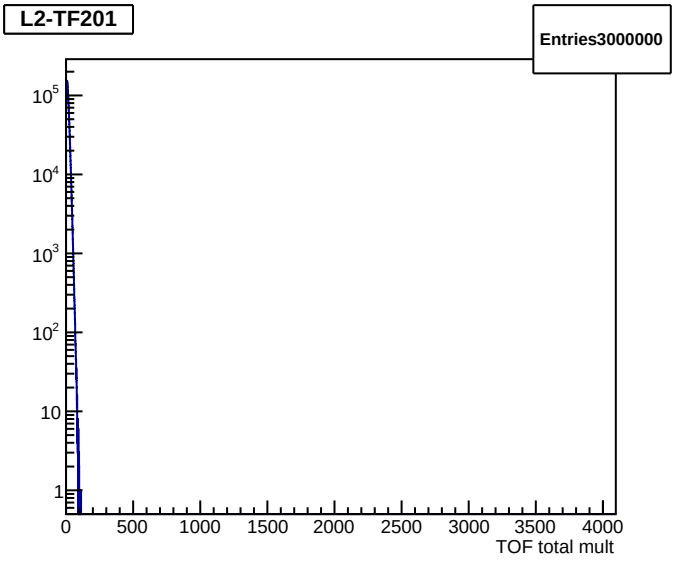

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

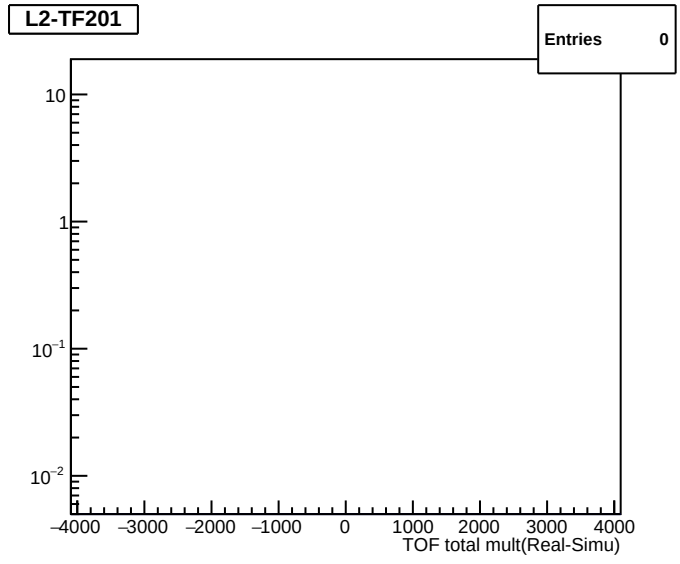

MIX-TF101
Entries 1.8e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

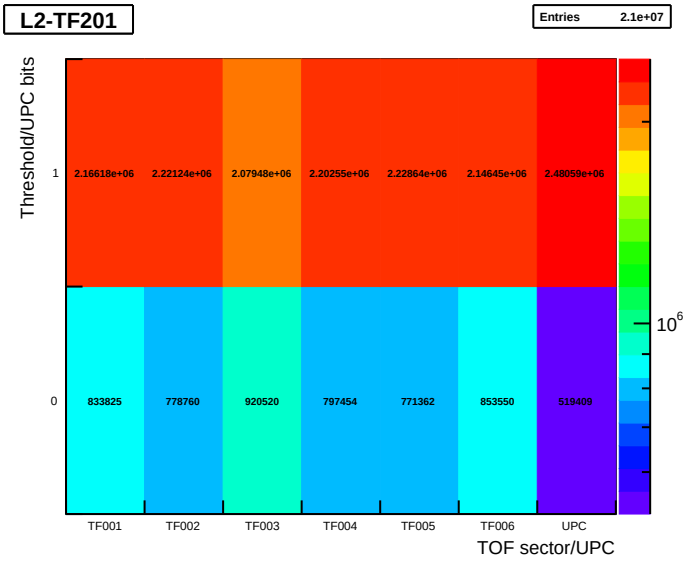

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

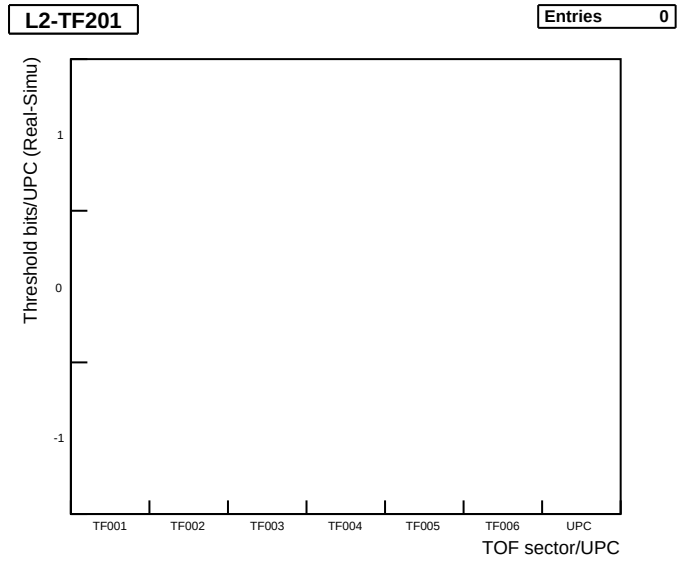

MIX-TF101
Entries 1.8e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

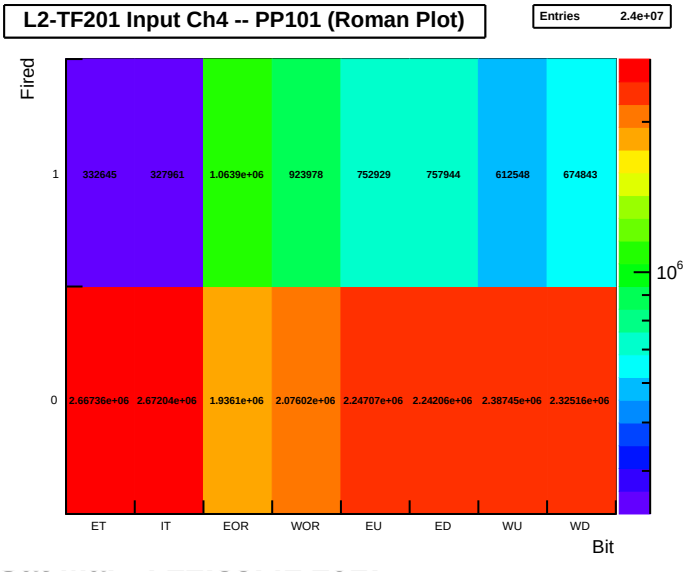

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

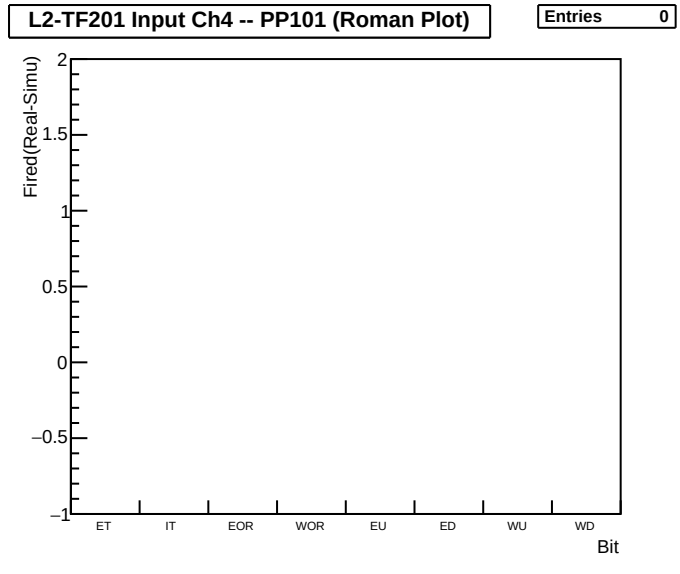

L2-TF201
Entries3000000
TOF total mult

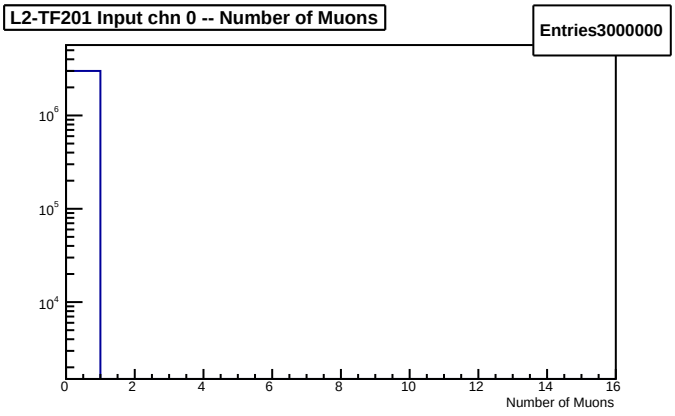

L2-TF201
Entries 0
TOF total mult(Real-Simu)

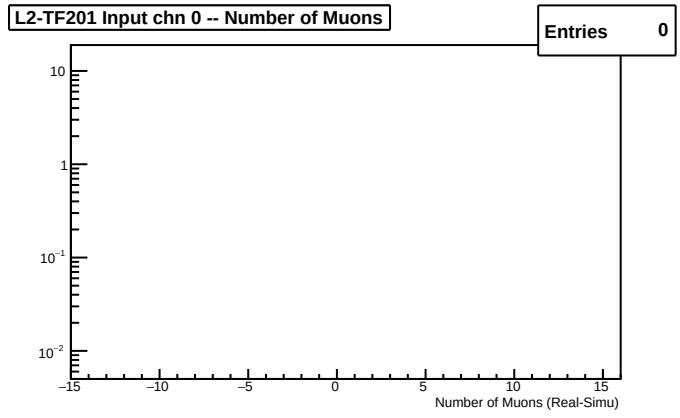

L2-TF201
Entries 2.1e+07
Threshold/UPC bits
2.16618e+06
2.22124e+06
2.07948e+06
2.20255e+06
2.22864e+06
2.14645e+06
2.48059e+06
833825
778760
920520
797454
771362
853550
519409
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

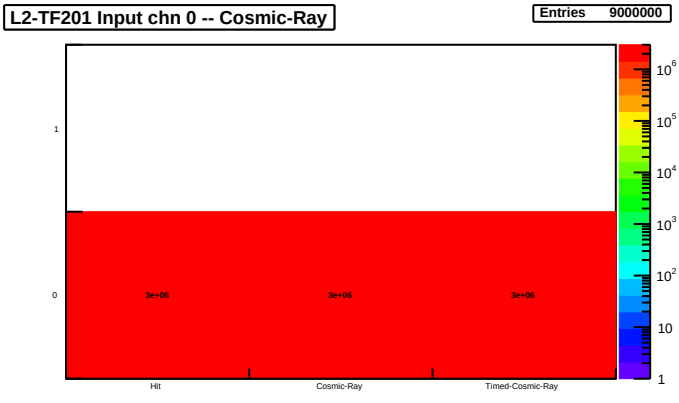

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

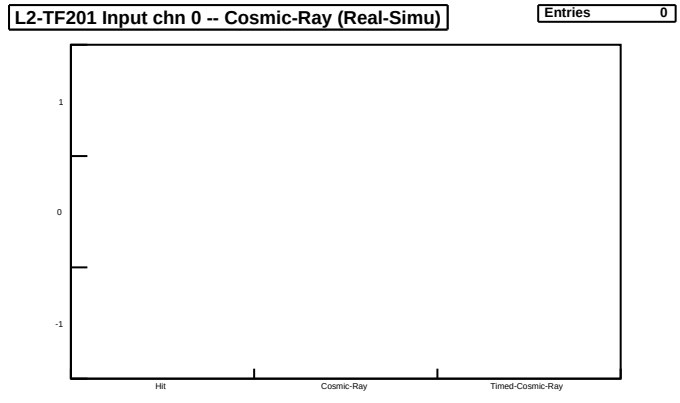

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.4e+07
Fired
332645
327961
1.0639e+06
923978
752929
757944
612548
674843
2.66736e+06
2.67204e+06
1.9361e+06
2.07602e+06
2.24707e+06
2.24206e+06
2.38745e+06
2.32516e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

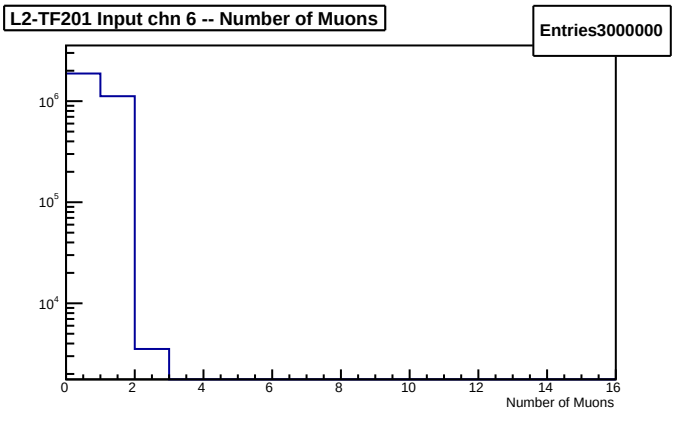

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

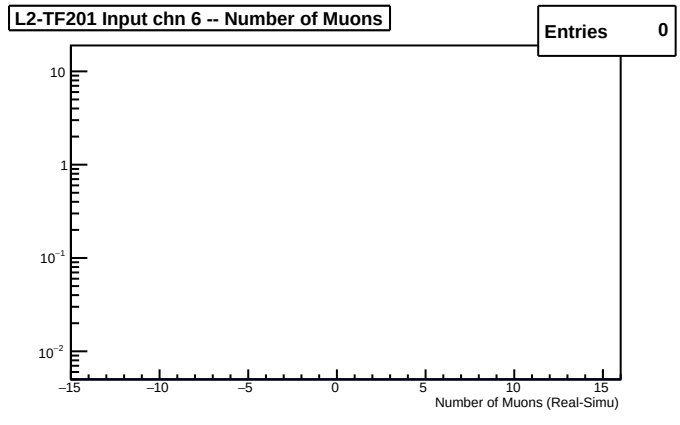

L2-TF201 Input chn 0 -- Number of Muons
Entries3000000
Number of Muons

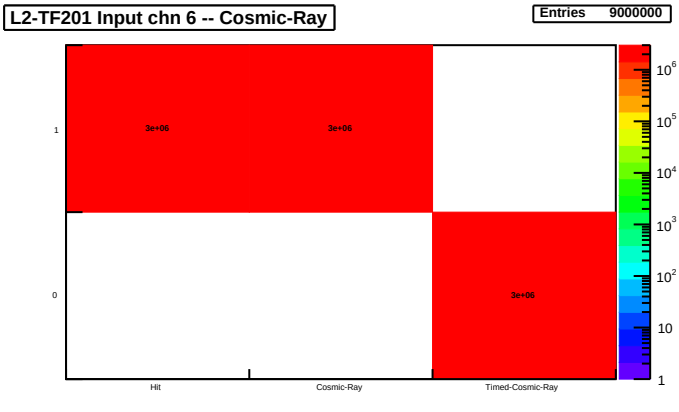

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

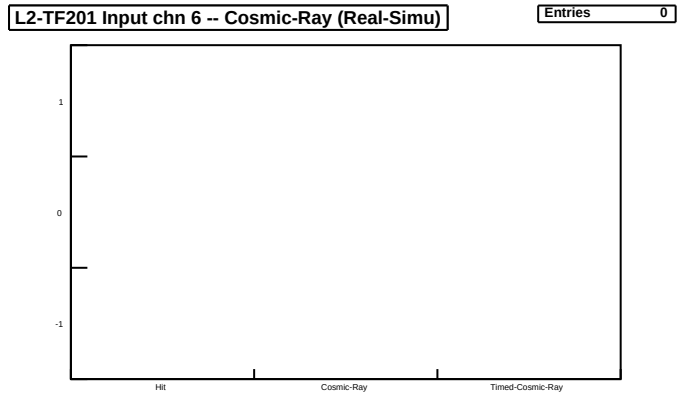

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 9000000
3e+06
3e+06
3e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

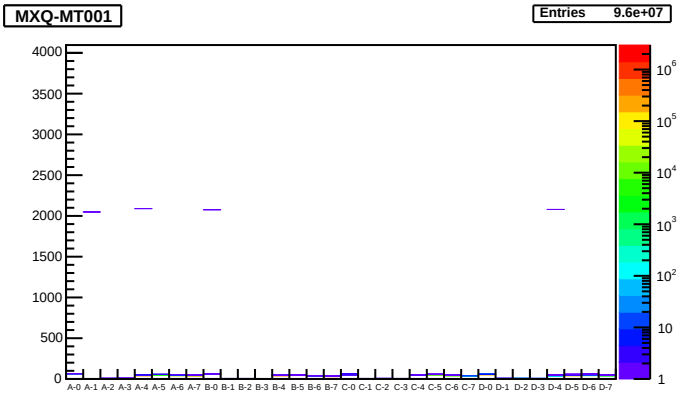

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

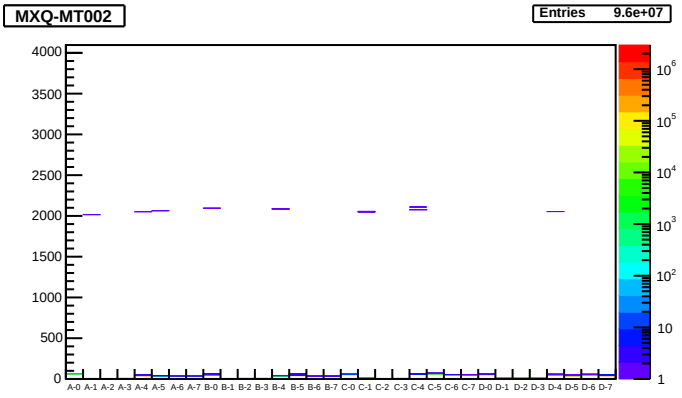

L2-TF201 Input chn 6 -- Number of Muons
Entries3000000
Number of Muons

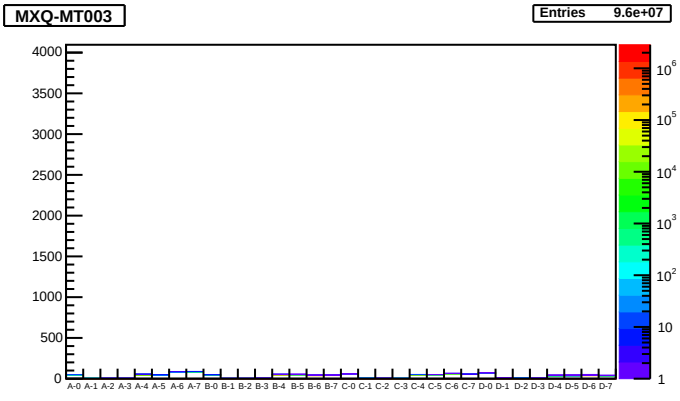

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

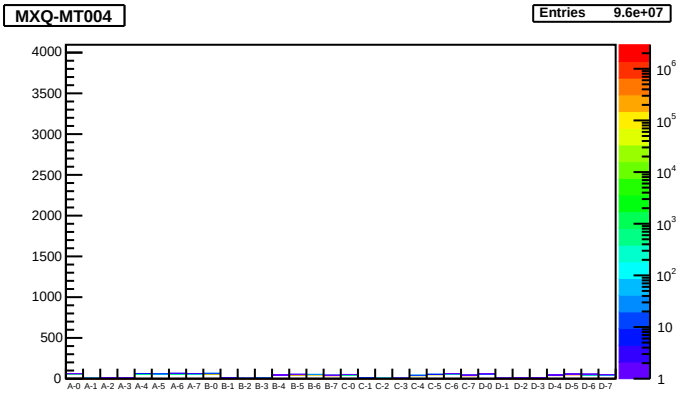

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 9000000
3e+06
3e+06
3e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

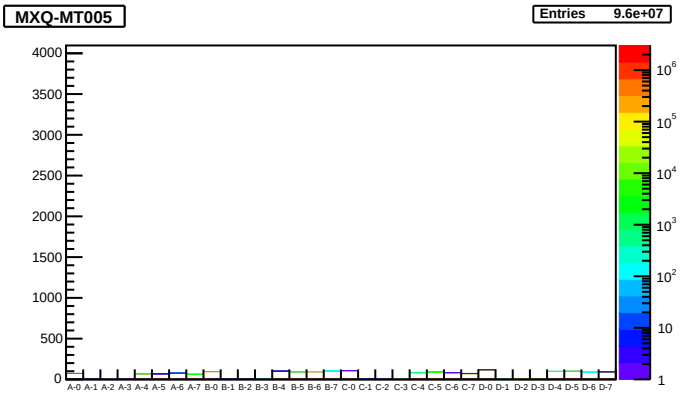

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

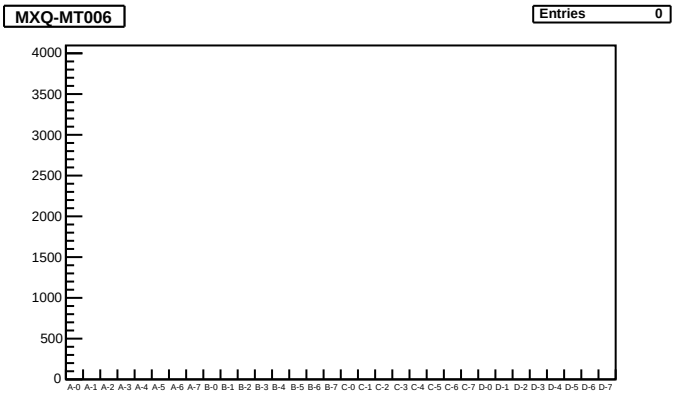

MXQ-MT001
Entries 9.6e+07

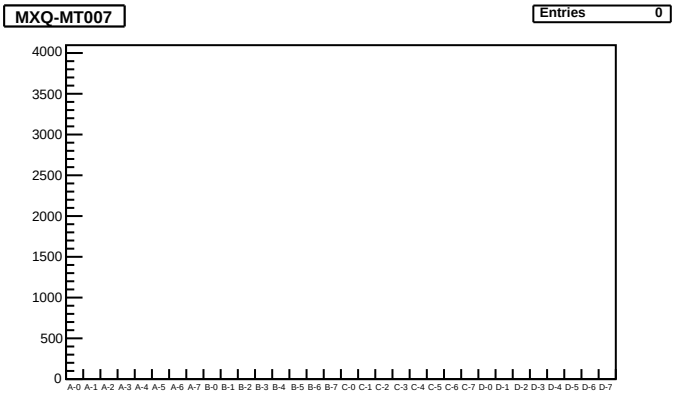

MXQ-MT002
Entries 9.6e+07

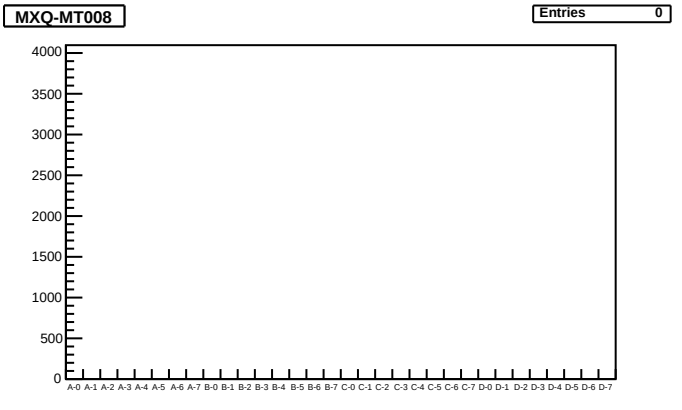

MXQ-MT003
Entries 9.6e+07

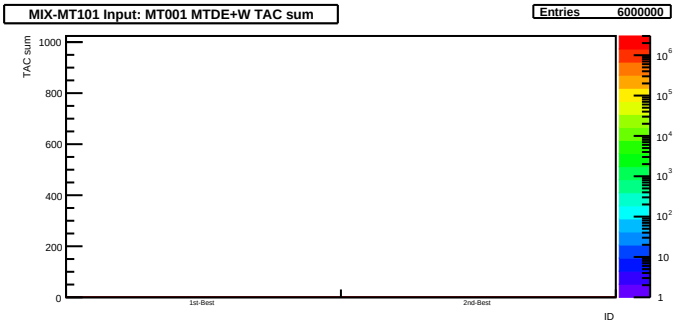

MXQ-MT004
Entries 9.6e+07

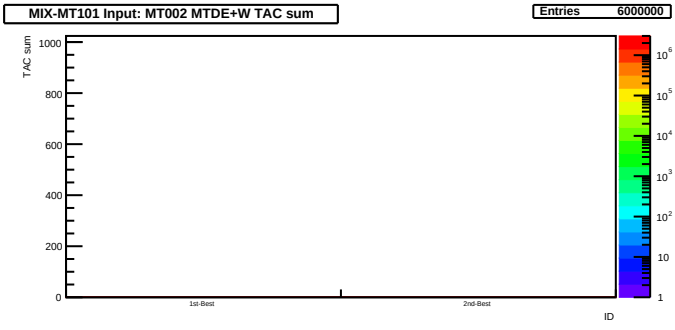

MXQ-MT005
Entries 9.6e+07

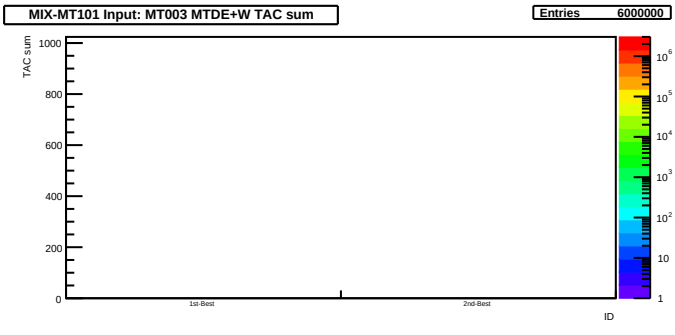

MXQ-MT006
Entries 0

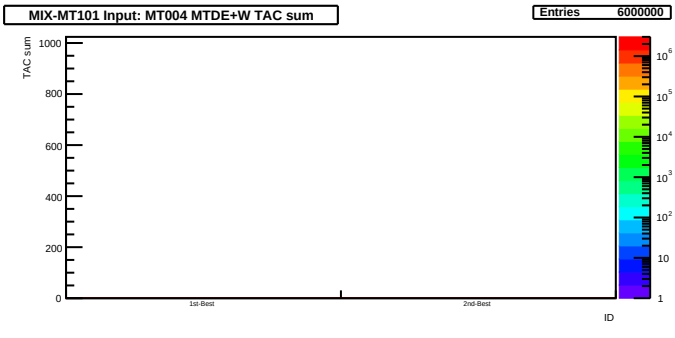

MXQ-MT007
Entries 0

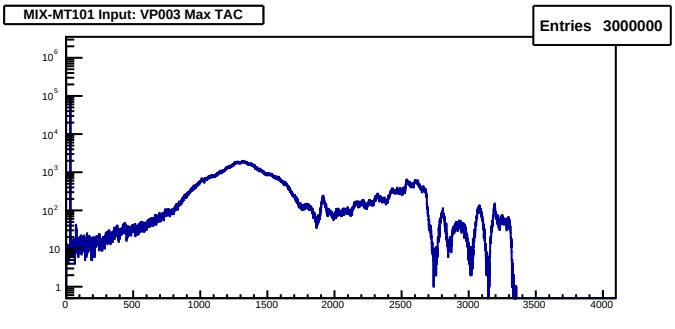

MXQ-MT008
Entries 0

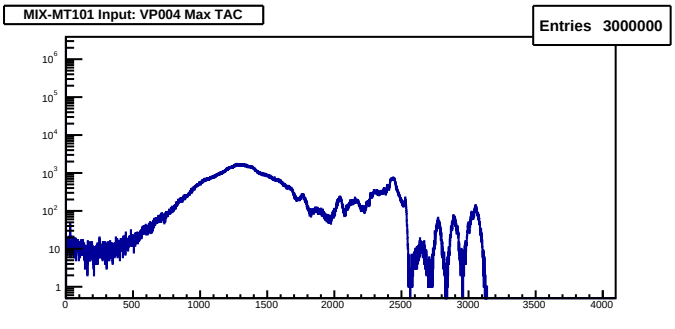

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 6000000
TAC sum
1st-Best
2nd-Best
ID

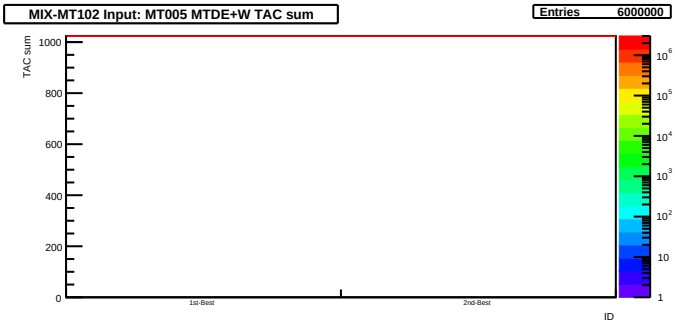

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 6000000
TAC sum
1st-Best
2nd-Best
ID

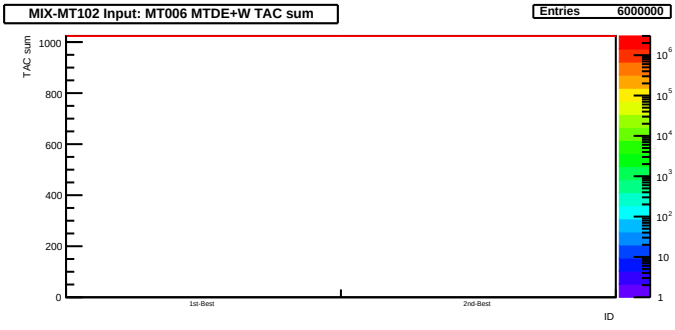

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 6000000
TAC sum
1st-Best
2nd-Best
ID

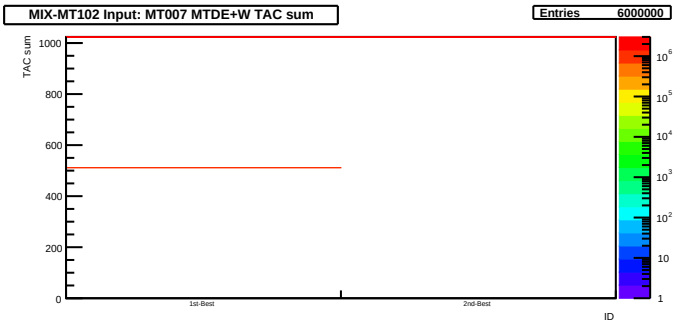

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 6000000
TAC sum
1st-Best
2nd-Best
ID

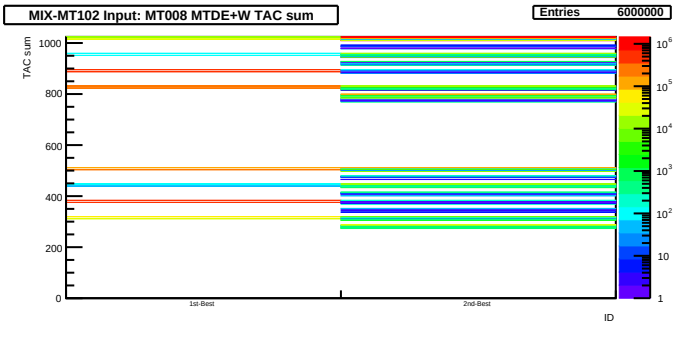

MIX-MT101 Input: VP003 Max TAC
Entries 3000000

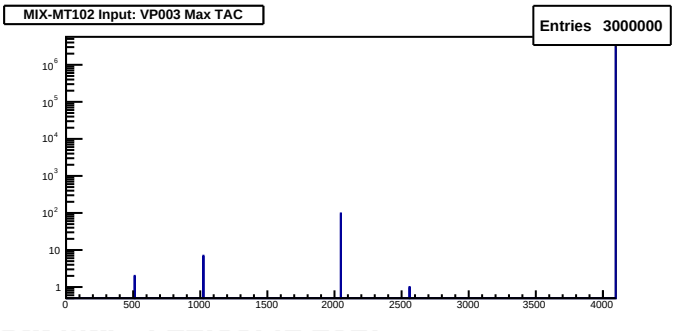

MIX-MT101 Input: VP004 Max TAC
Entries 3000000

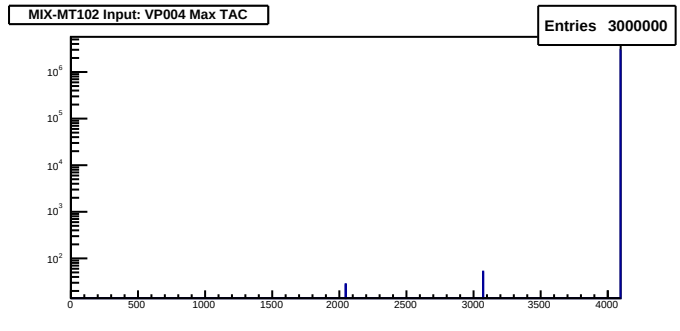

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 6000000
TAC sum
1st-Best
2nd-Best
ID

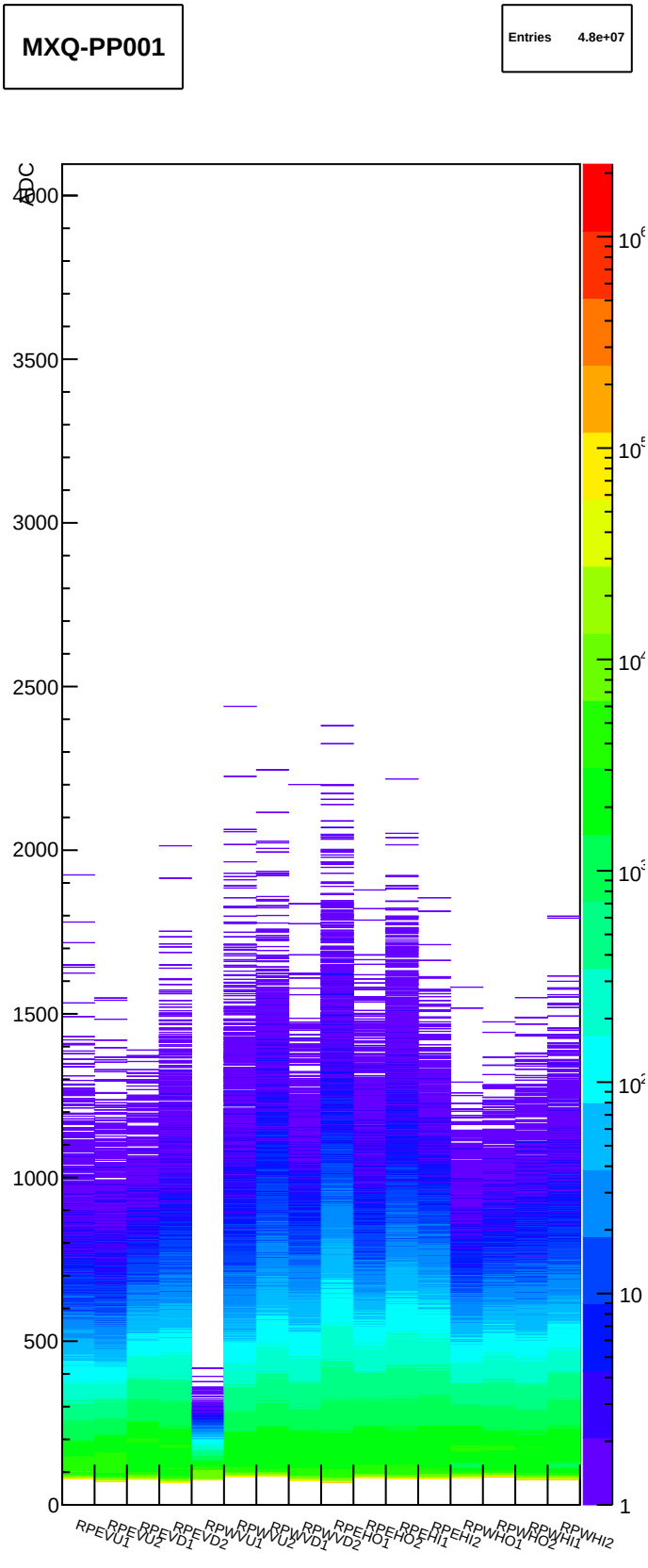

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 6000000
TAC sum
1st-Best
2nd-Best
ID

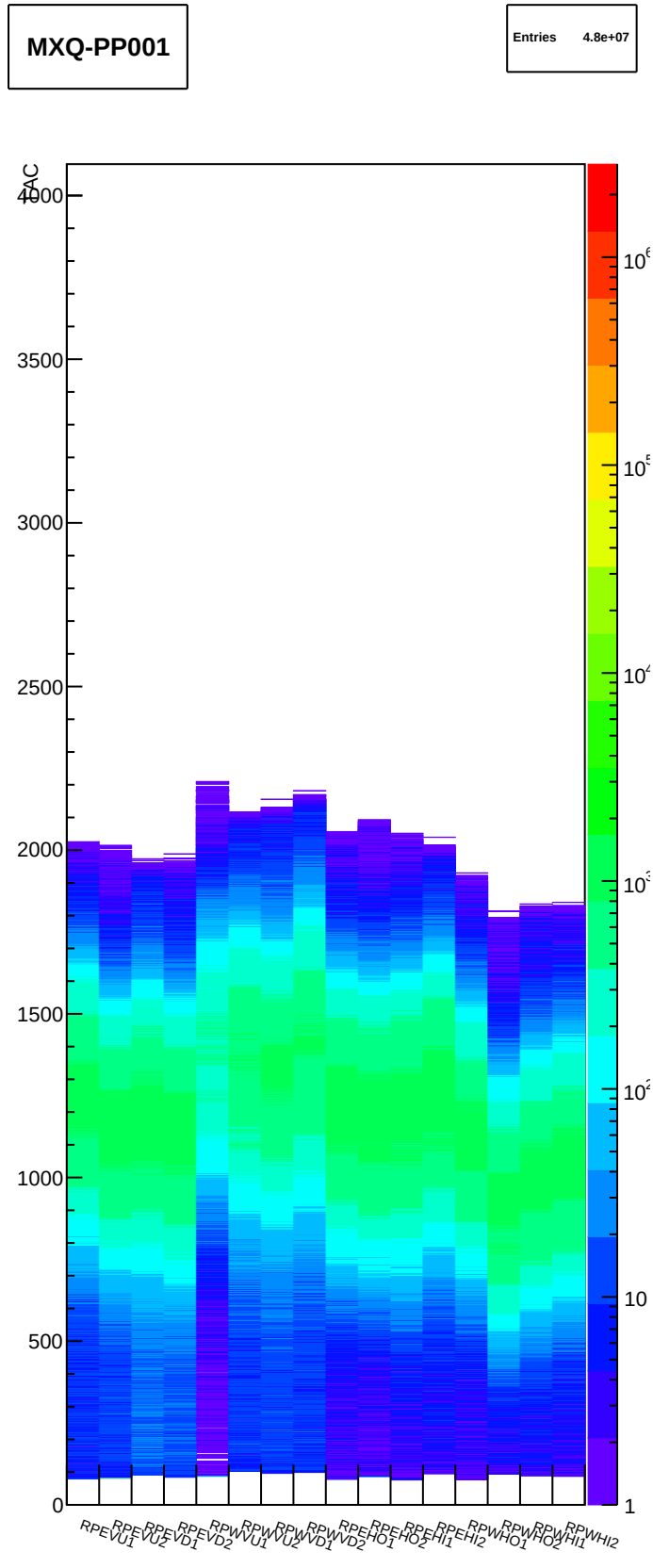

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 6000000
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 6000000
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 3000000


MIX-MT102 Input: VP004 Max TAC
Entries 3000000


MXQ-PP001
Entries 4.8e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 4.8e+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
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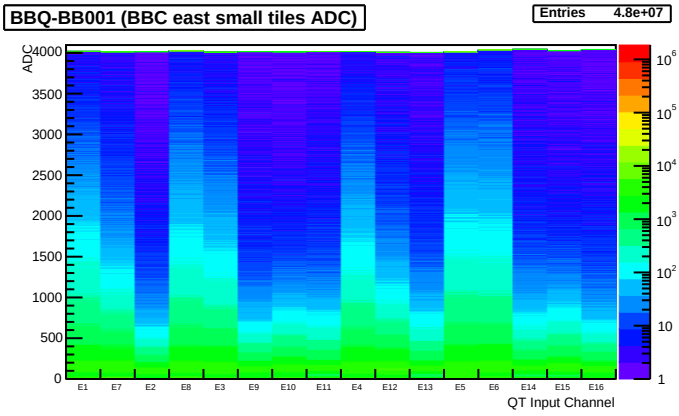
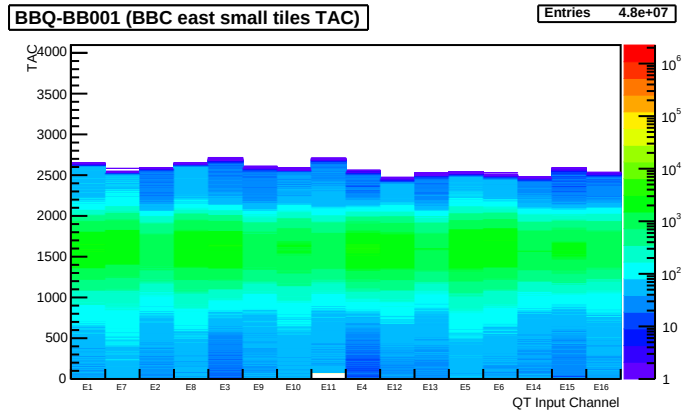
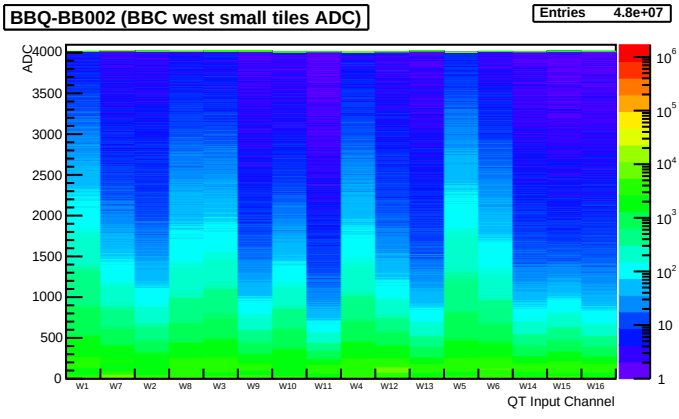
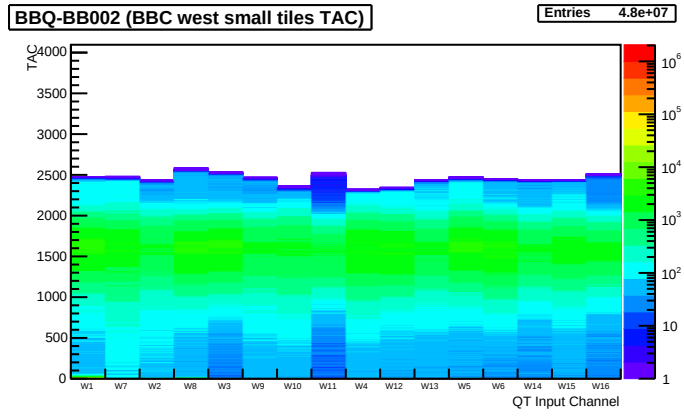
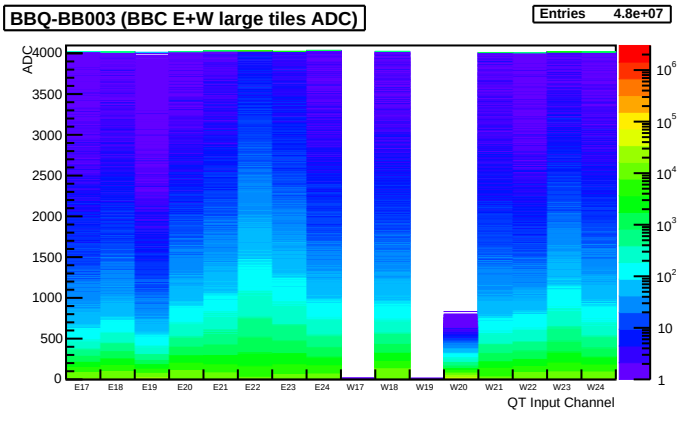
10^6
10^5
10^4
10^3
10^2
10
1

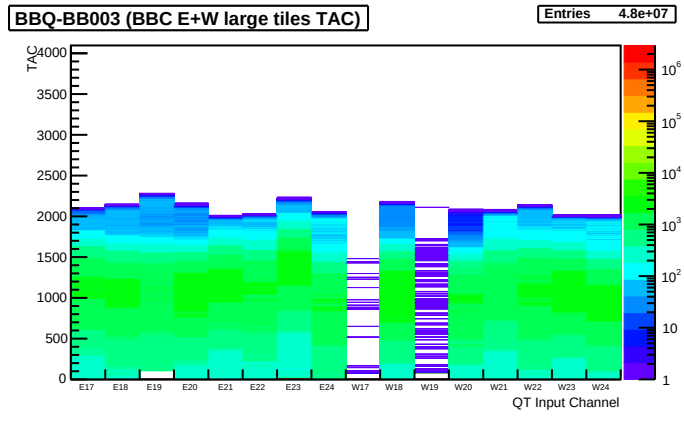

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.8e+07
ADC
QT Input Channel

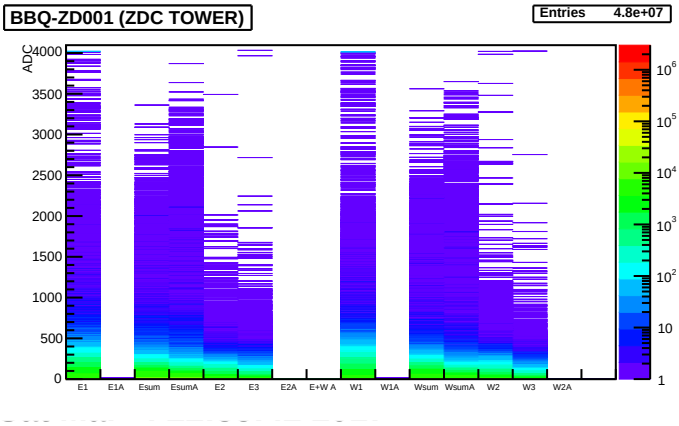

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.8e+07
TAC
QT Input Channel

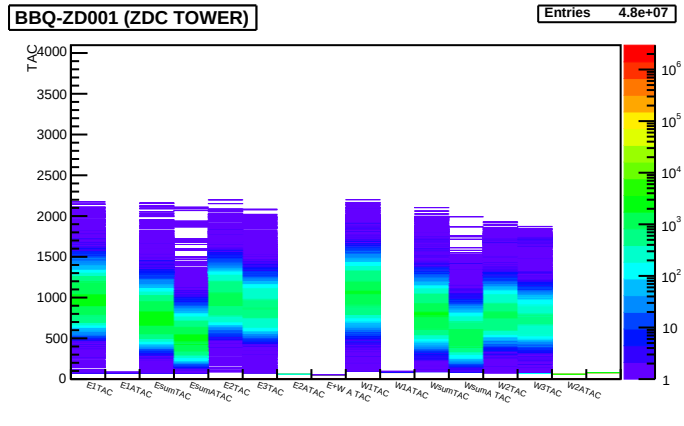

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.8e+07
ADC
QT Input Channel

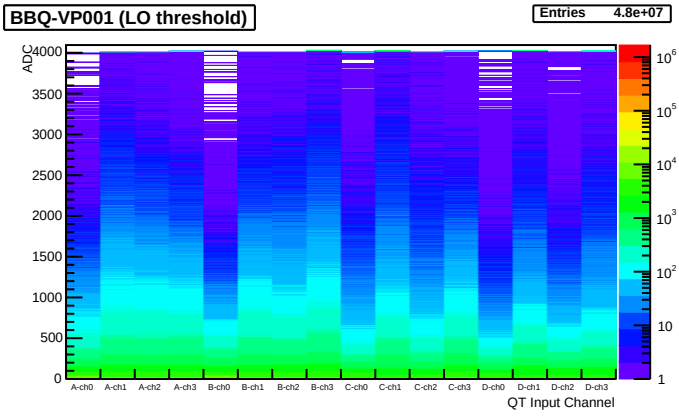

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.8e+07
TAC
QT Input Channel

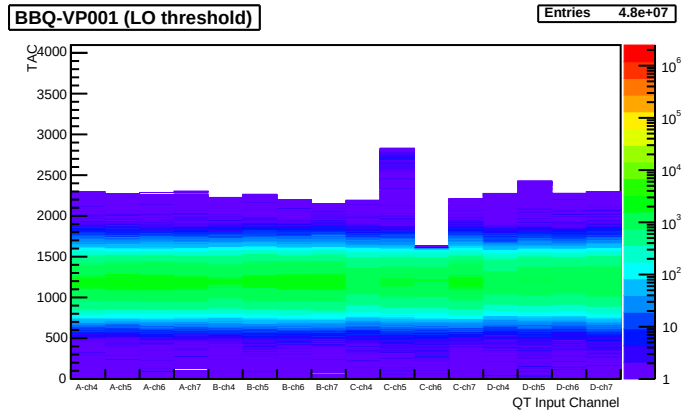

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.8e+07
ADC
QT Input Channel

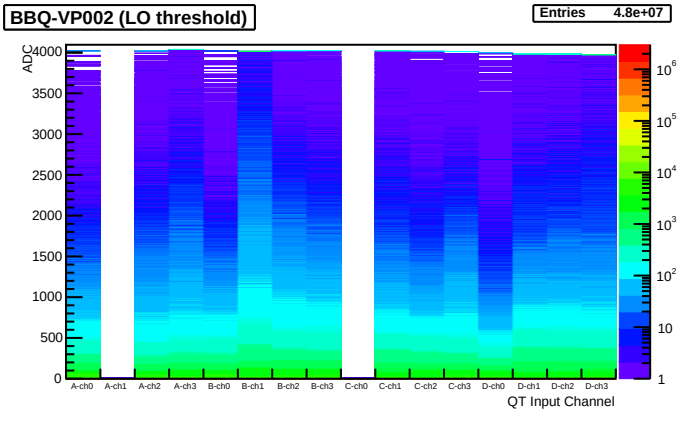

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.8e+07
TAC
QT Input Channel

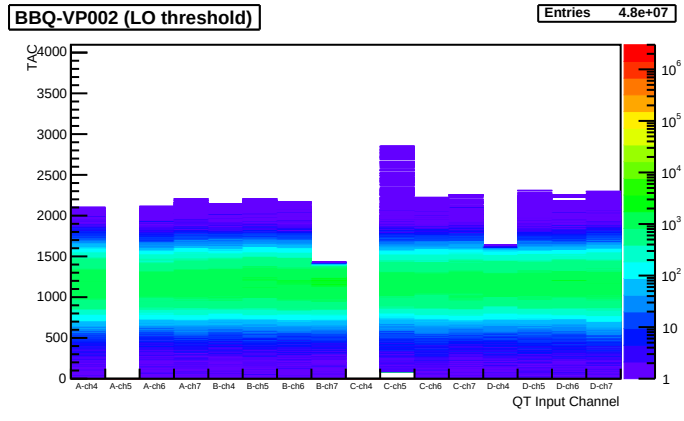

BBQ-ZD001 (ZDC TOWER)
Entries 4.8e+07
ADC

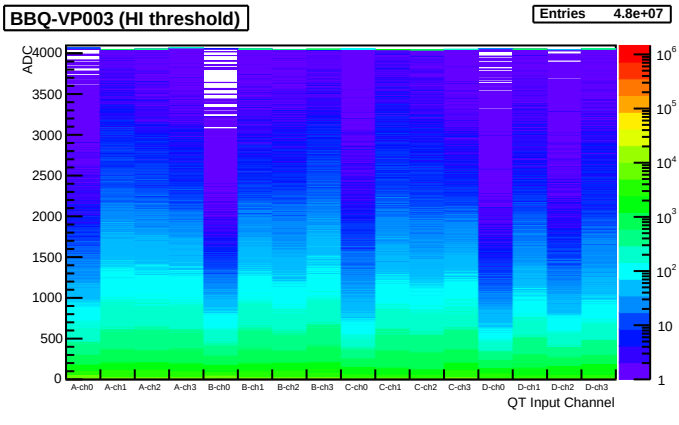

BBQ-ZD001 (ZDC TOWER)
Entries 4.8e+07
TAC

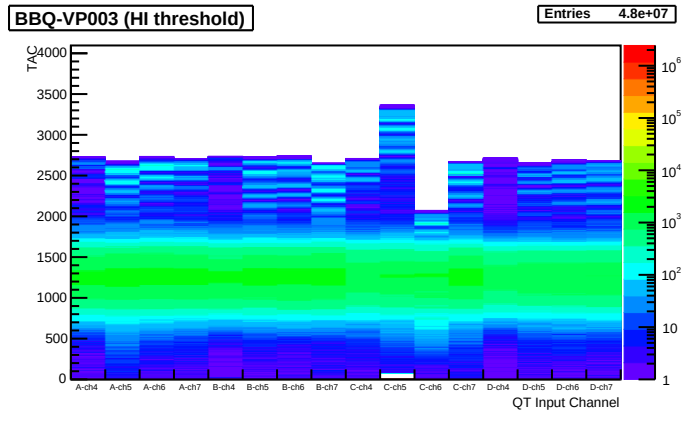

BBQ-VP001 (LO threshold)
Entries 4.8e+07
ADC
QT Input Channel

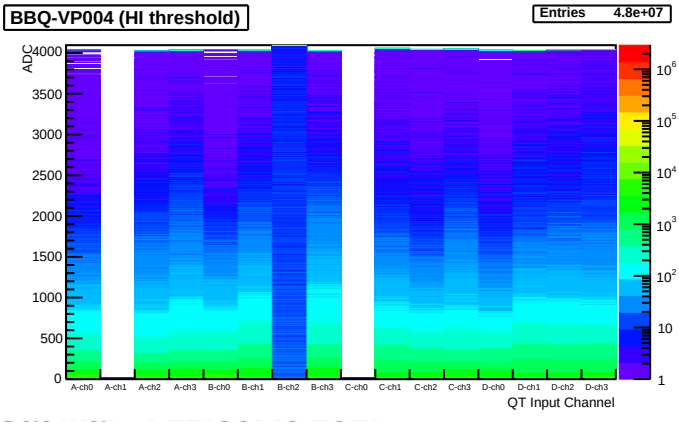

BBQ-VP001 (LO threshold)
Entries 4.8e+07
TAC
QT Input Channel

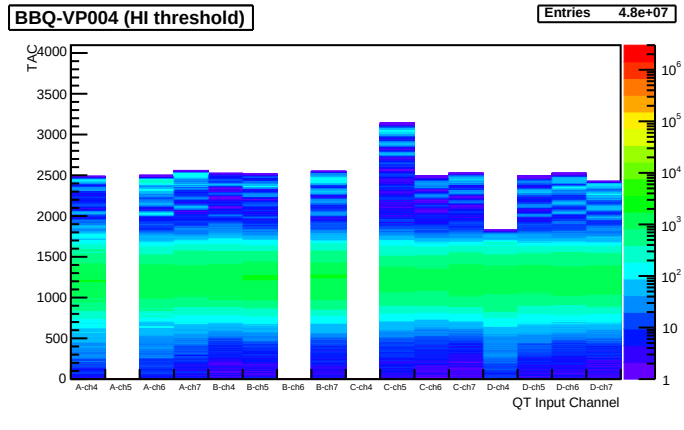

BBQ-VP002 (LO threshold)
Entries 4.8e+07
ADC
QT Input Channel

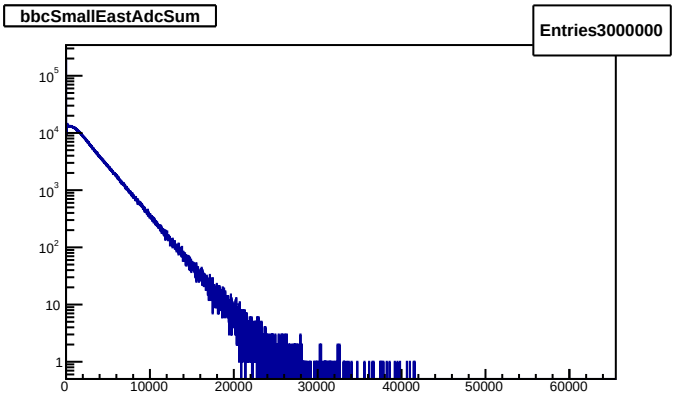

BBQ-VP002 (LO threshold)
Entries 4.8e+07
TAC
QT Input Channel

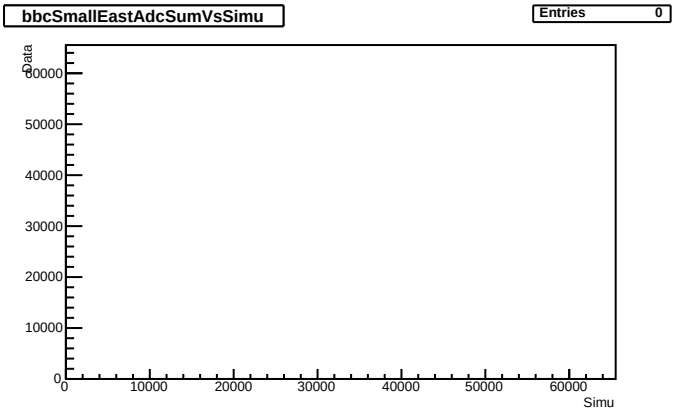

BBQ-VP003 (HI threshold)
Entries 4.8e+07
ADC
QT Input Channel

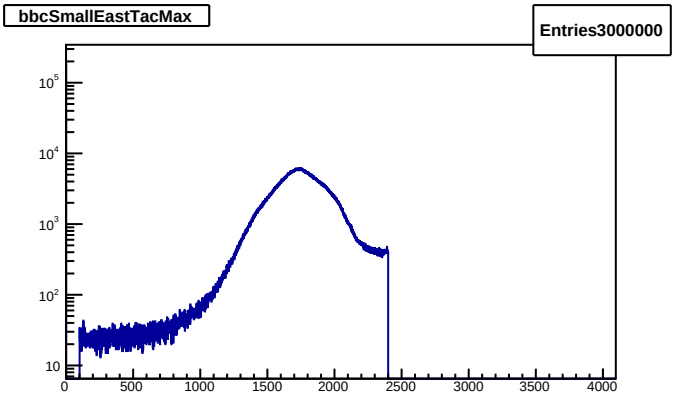

BBQ-VP003 (HI threshold)
Entries 4.8e+07
TAC
QT Input Channel

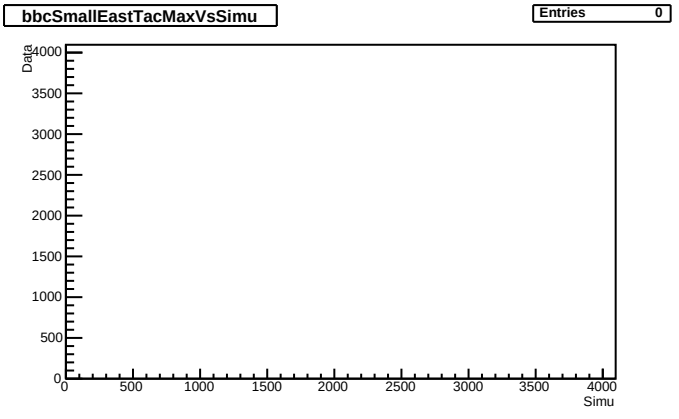

BBQ-VP004 (HI threshold)
Entries 4.8e+07
ADC
QT Input Channel

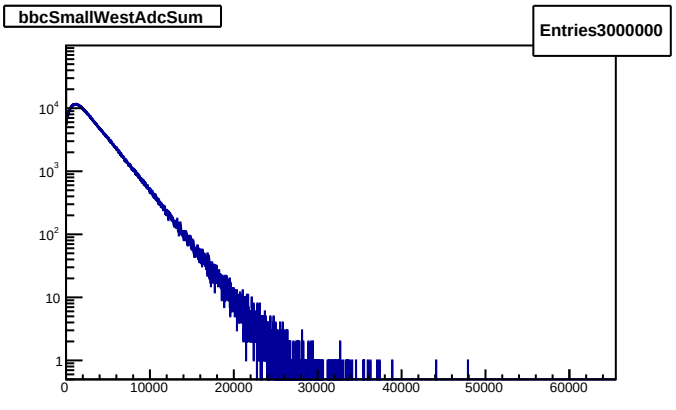

BBQ-VP004 (HI threshold)
Entries 4.8e+07
TAC
QT Input Channel

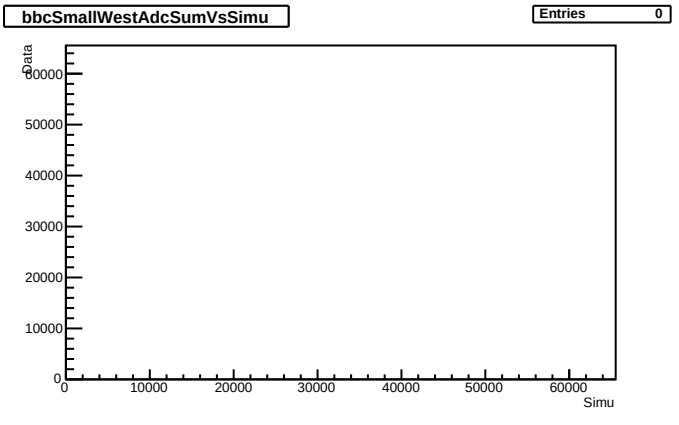

bbcSmallEastAdcSum
Entries3000000

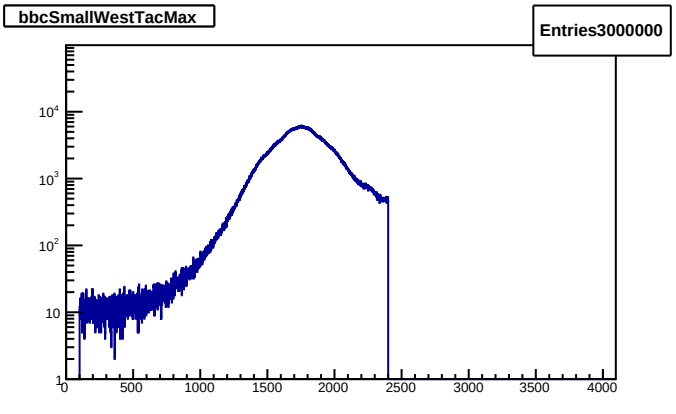

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

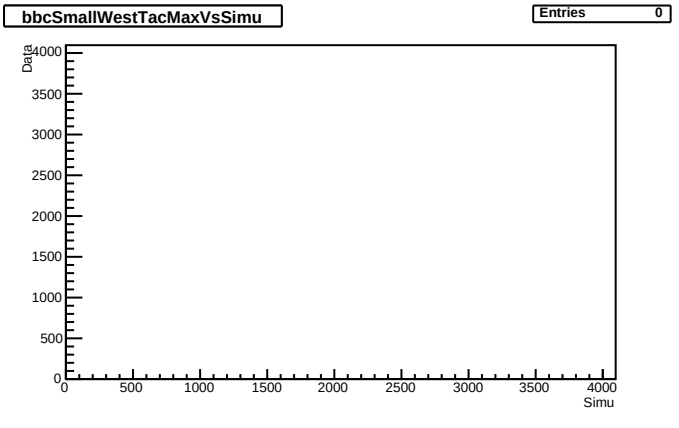

bbcSmallEastTacMax
Entries3000000

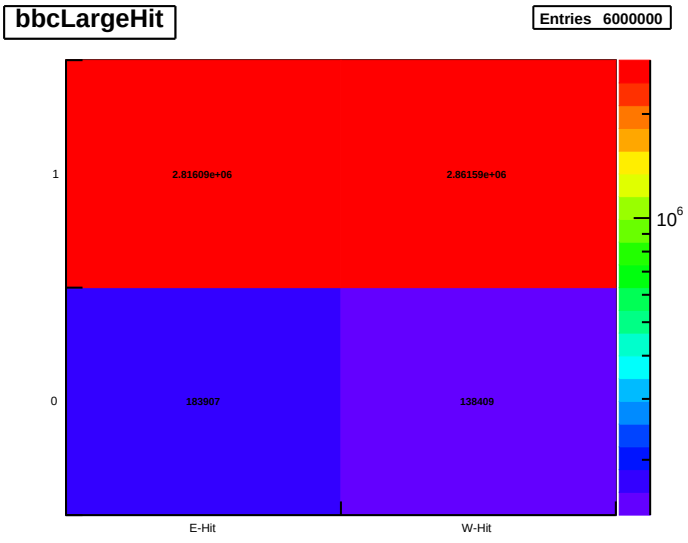

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

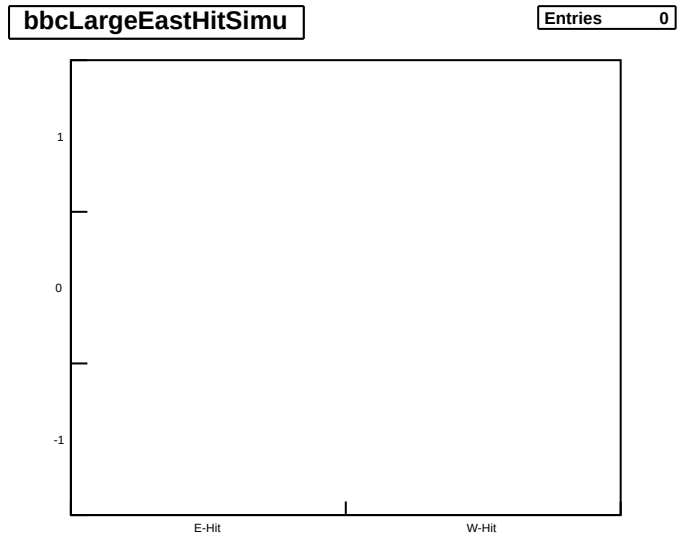

bbcSmallWestAdcSum
Entries3000000

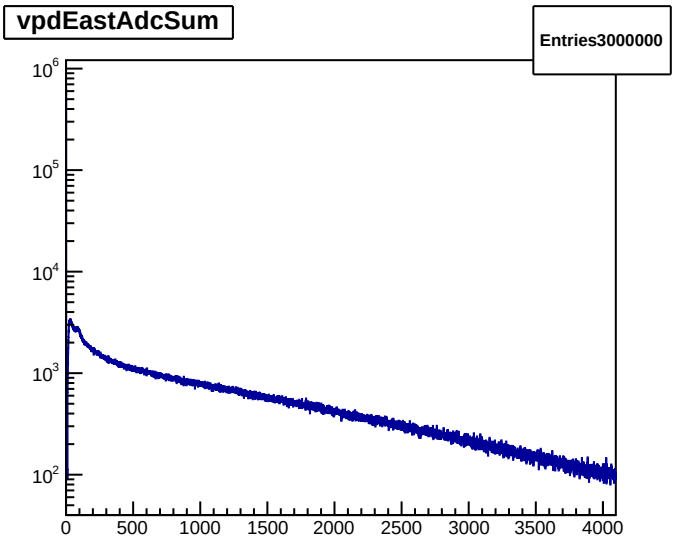

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

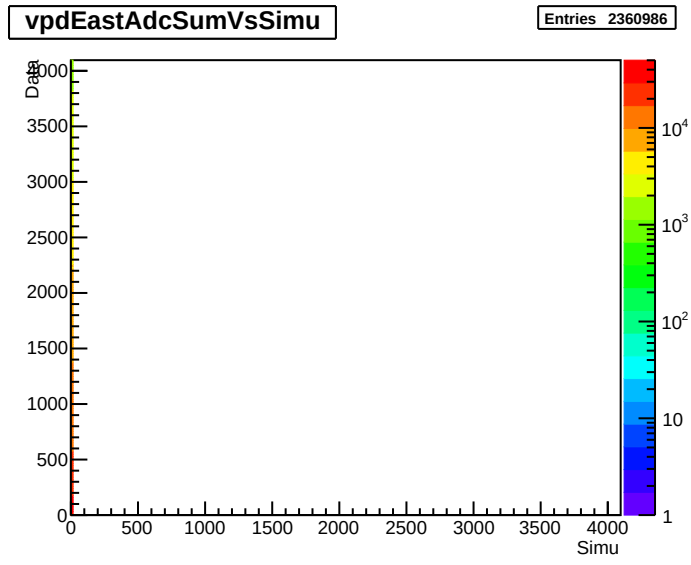

bbcSmallWestTacMax
Entries3000000

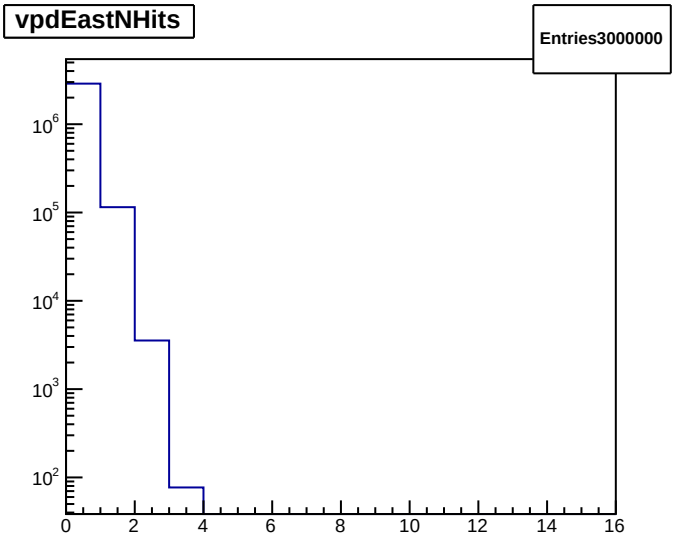

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

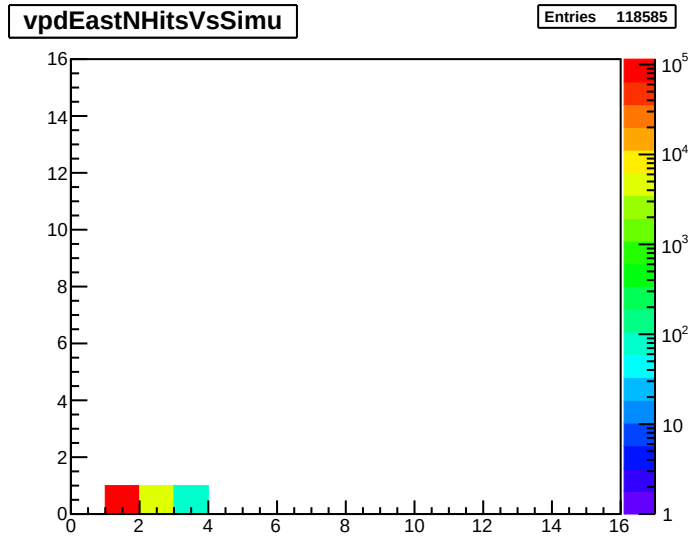

bbcLargeHit
Entries 6000000
1
0
2.81609e+06
2.86159e+06
183907
138409
E-Hit
W-Hit
10^6

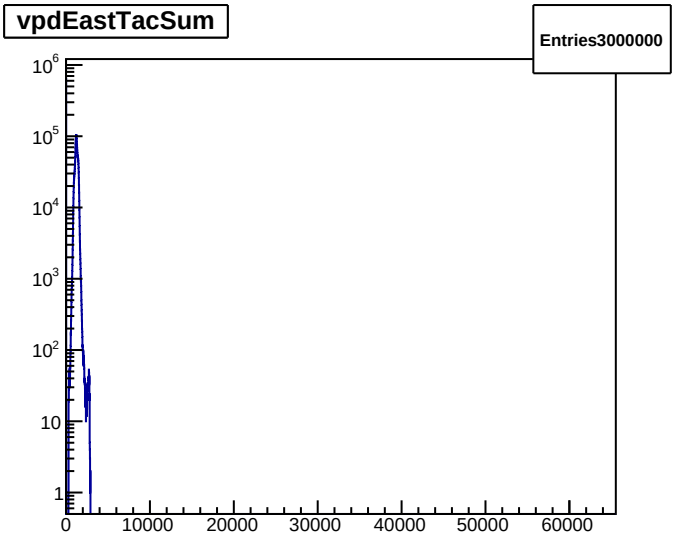

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

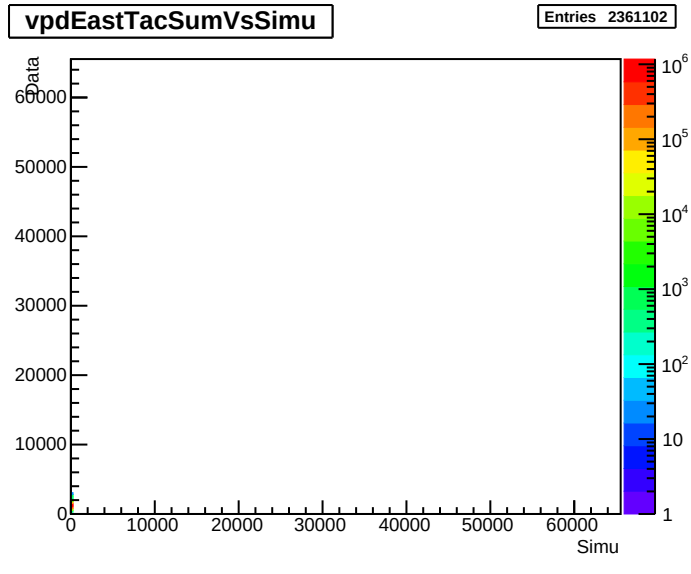

vpdEastAdcSum
Entries3000000

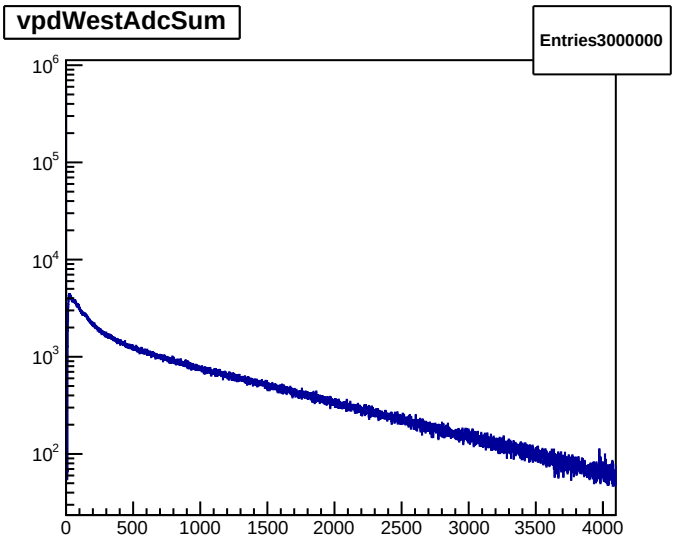

vpdEastAdcSumVsSimu
Entries 2360986
Data
Simu

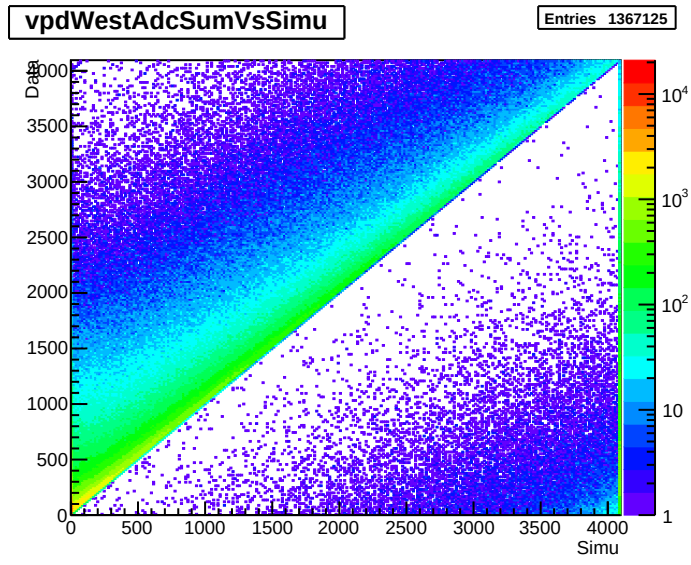

vpdEastNHits
Entries3000000

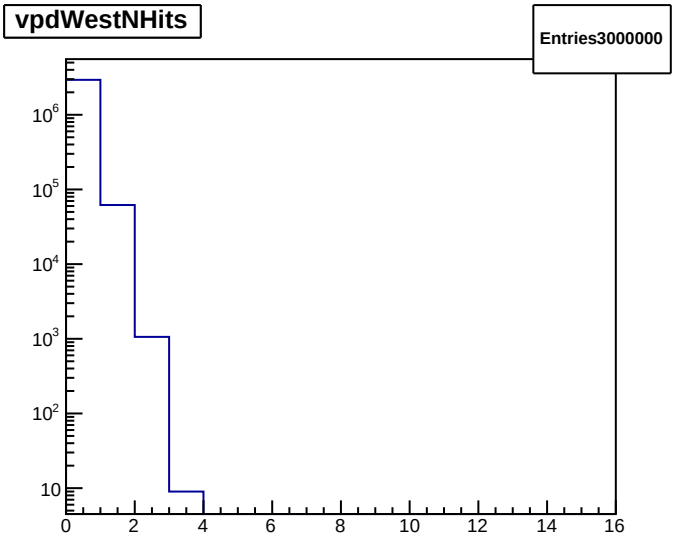

vpdEastNHitsVsSimu
Entries 118585

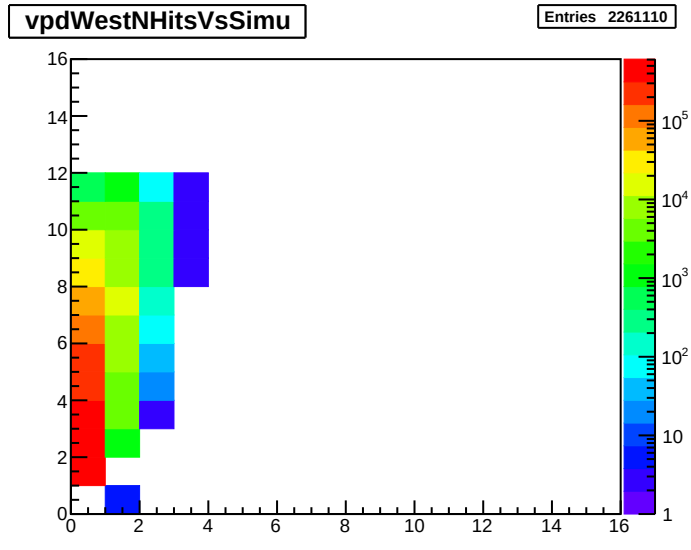

vpdEastTacSum
Entries3000000

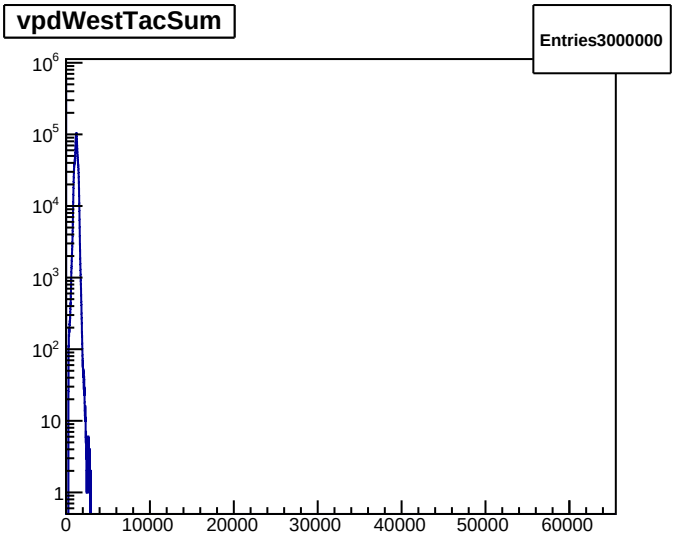

vpdEastTacSumVsSimu
Entries 2361102
Data
Simu

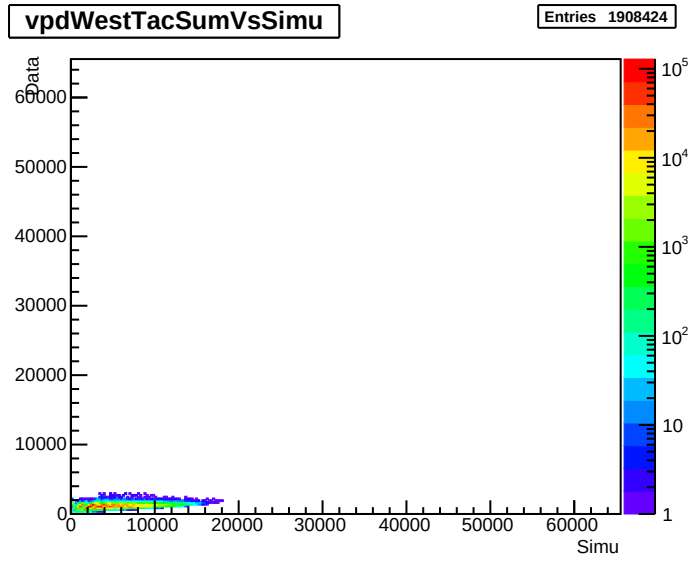

vpdWestAdcSum
Entries3000000

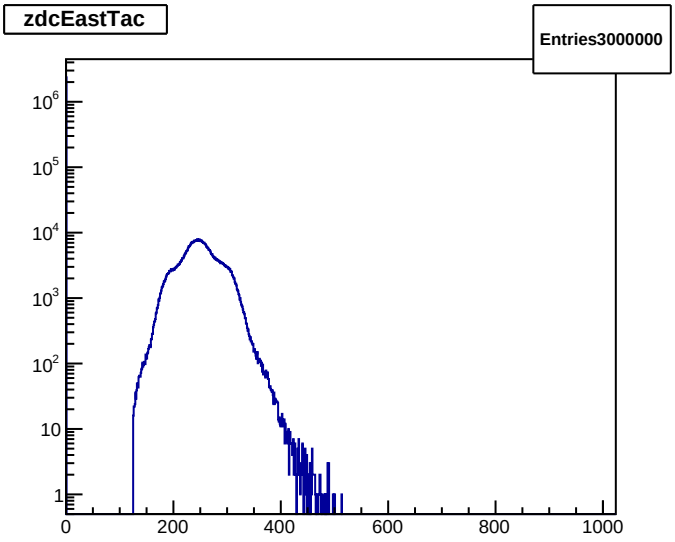

vpdWestAdcSumVsSimu
Entries 1367125
Data
Simu

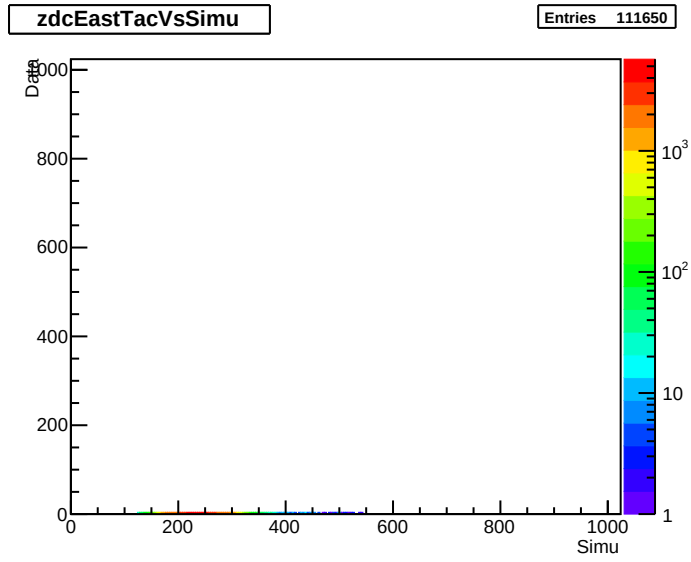

vpdWestNHits
Entries3000000

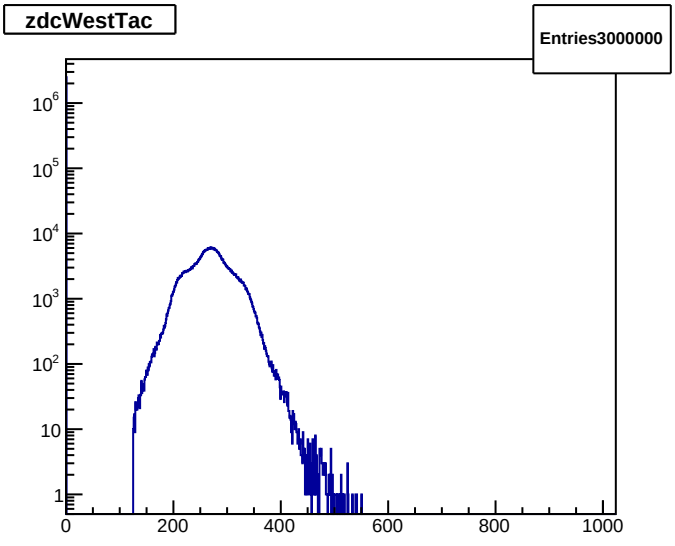

vpdWestNHitsVsSimu
Entries 2261110

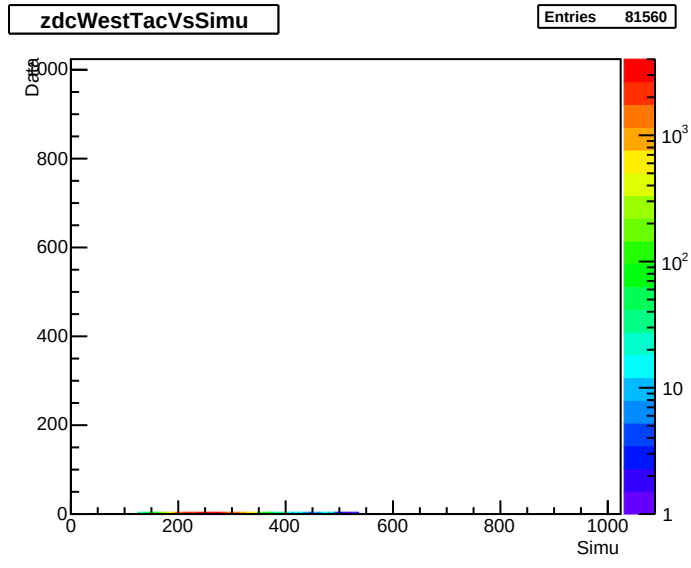

vpdWestTacSum
Entries3000000

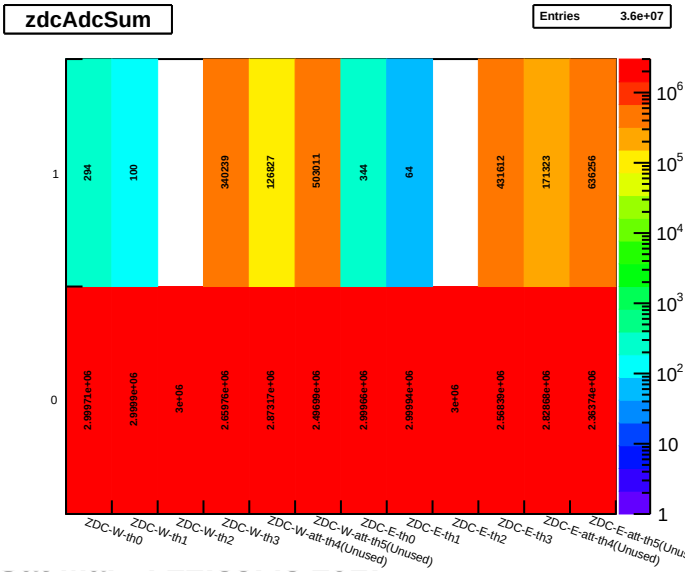

vpdWestTacSumVsSimu
Entries 1908424
Data
Simu

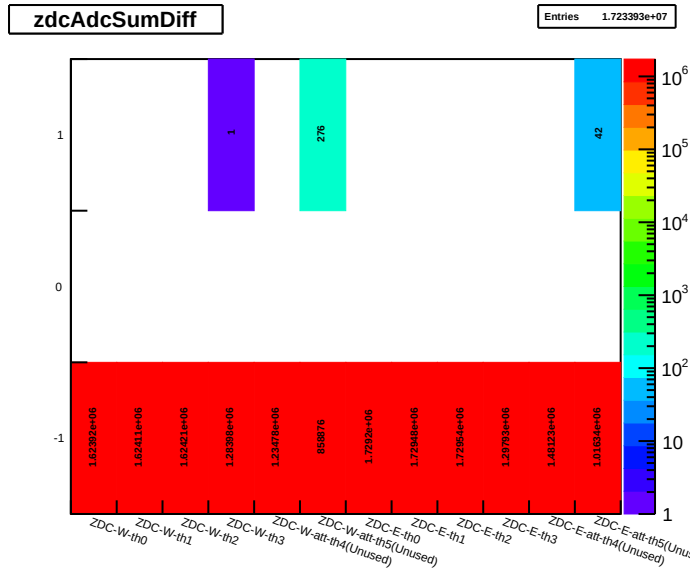

zdcEastTac
Entries3000000

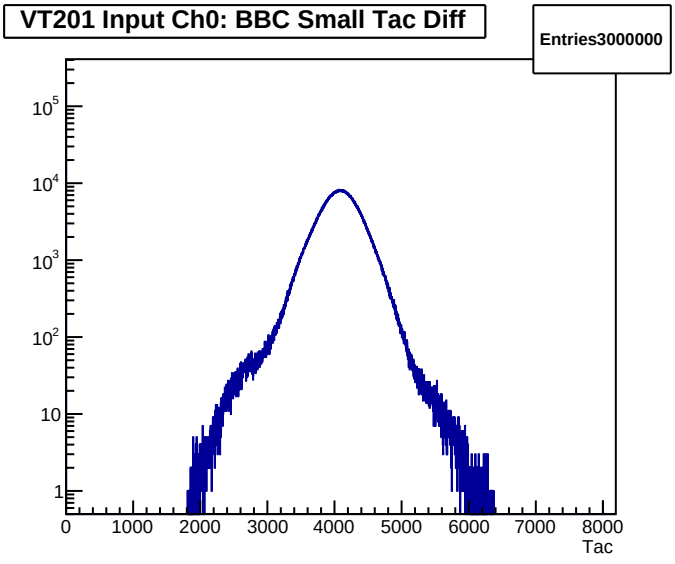

zdcEastTacVsSimu
Entries 111650
Data
Simu

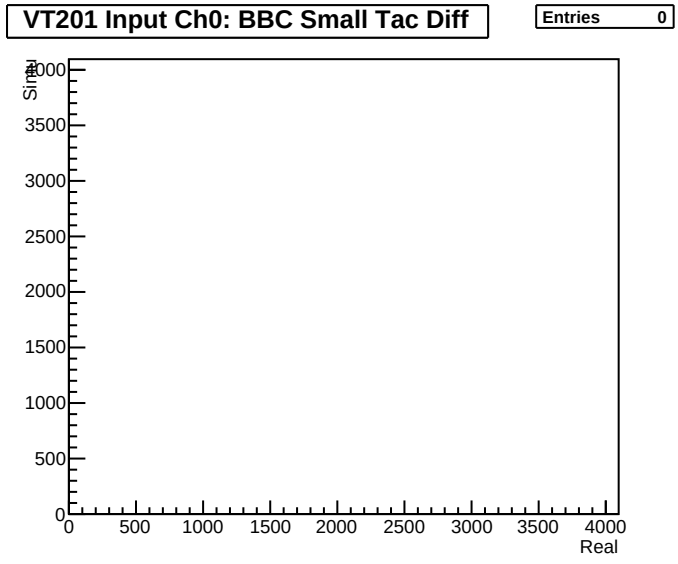

zdcWestTac
Entries3000000

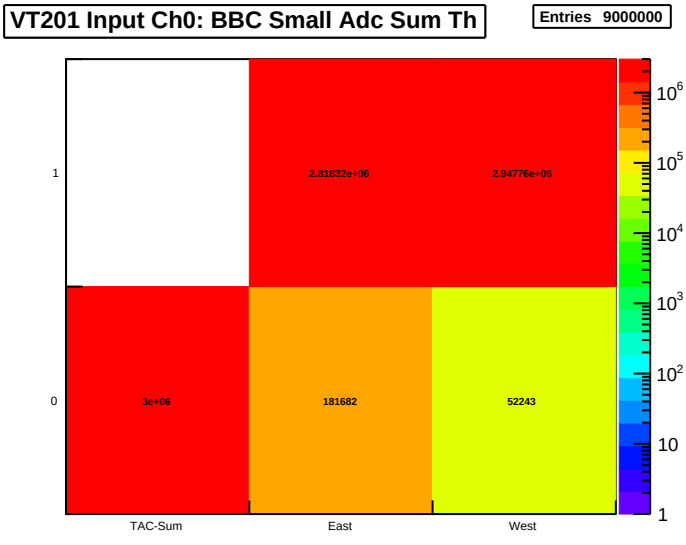

zdcWestTacVsSimu
Entries 81560
Data
Simu

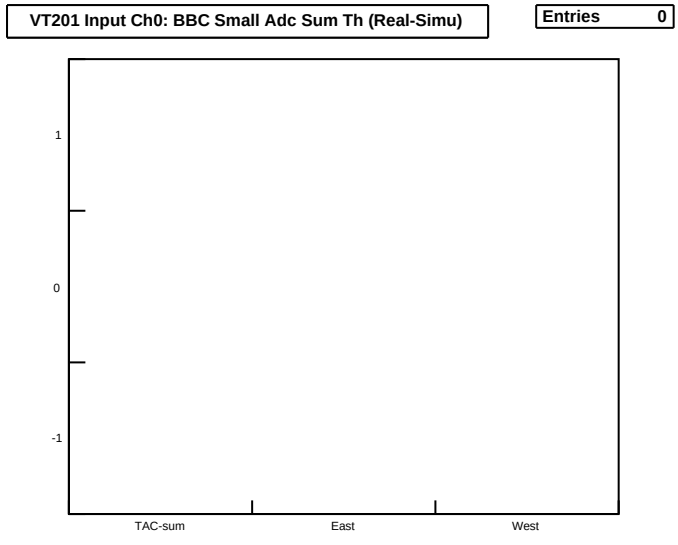

zdcAdcSum
Entries 3.6e+07
294
100
340239
126827
503011
344
64
431612
171323
636256
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

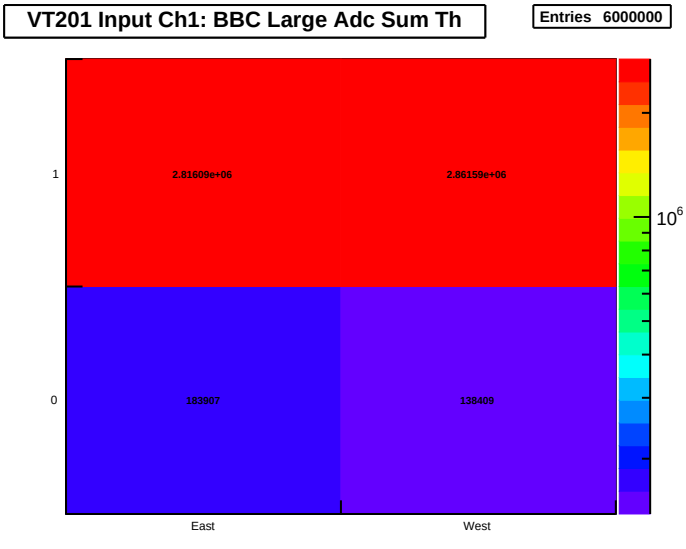

zdcAdcSumDiff
Entries 1.723393e+07
1
276
42
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

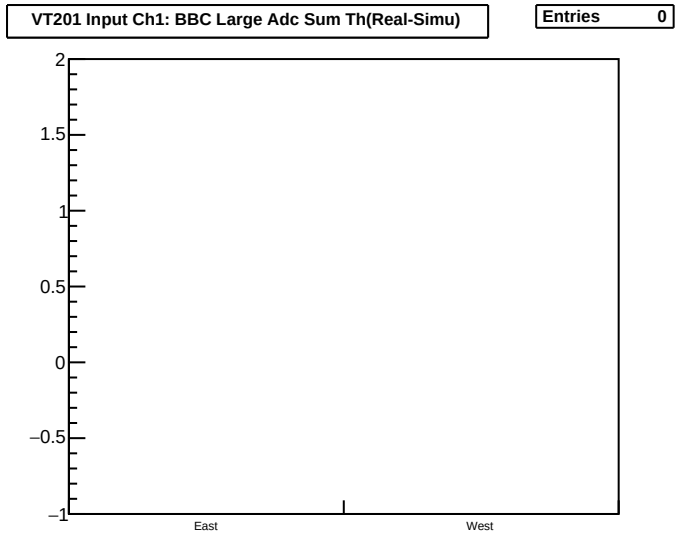

VT201 Input Ch0: BBC Small Tac Diff
Entries3000000
Tac


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

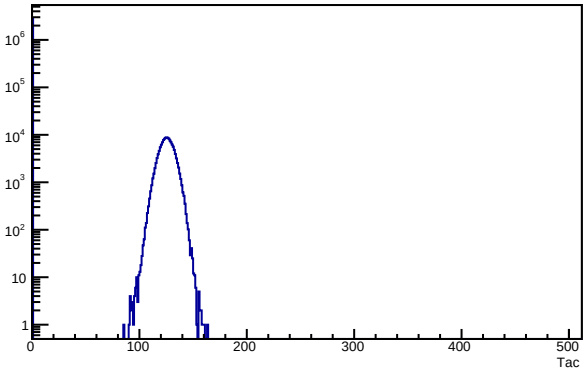

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 9000000
2.81832e+06
2.94776e+06
3e+06
181682
52243
TAC-Sum
East
West


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

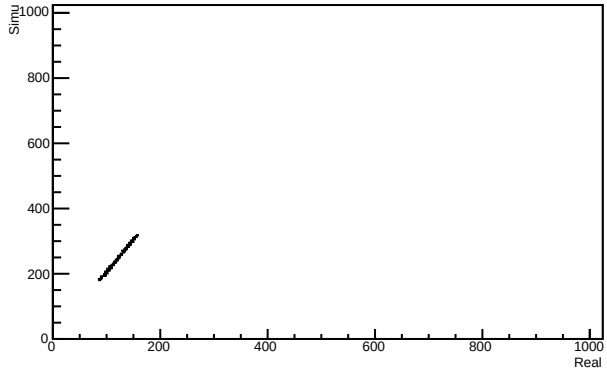

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 6000000
2.81609e+06
2.86159e+06
183907
138409
East
West


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

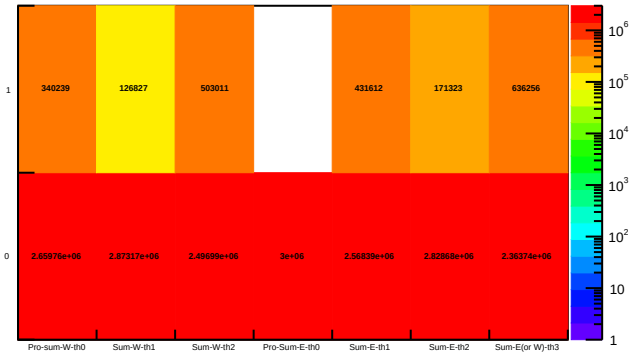
VT201 Input Ch2: ZDC Tac Diff



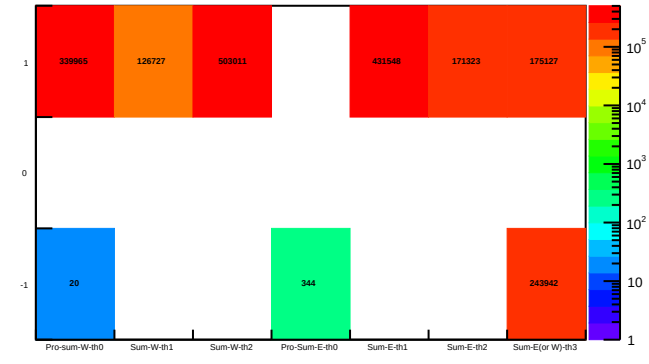
VT201 Input Ch2: ZDC Tac Diff



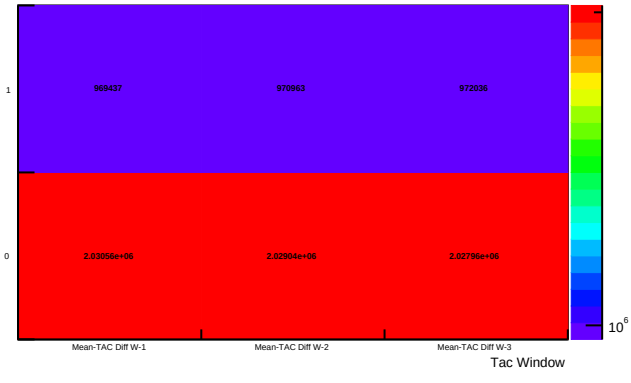
VT201 Input Ch2: ZDC Adc Sum Th



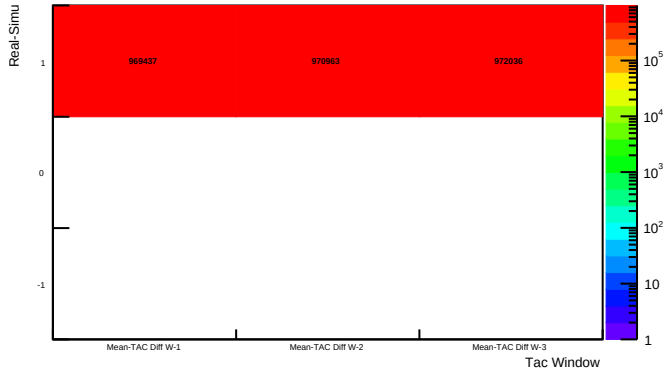
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



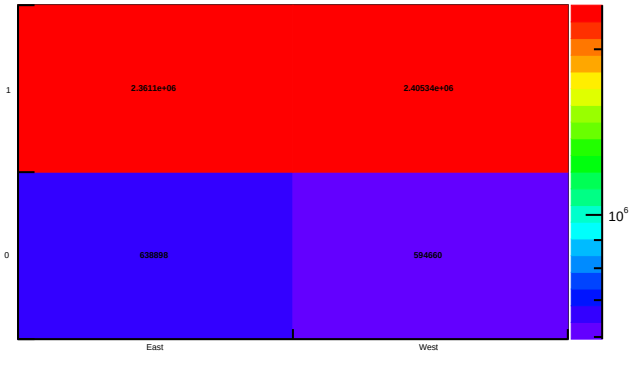
VT201 Input Ch4: VPD Tac Diff



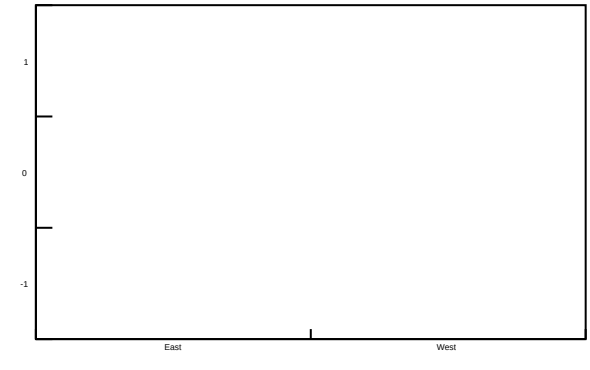
VT201 Input Ch4: VPD Tac Diff

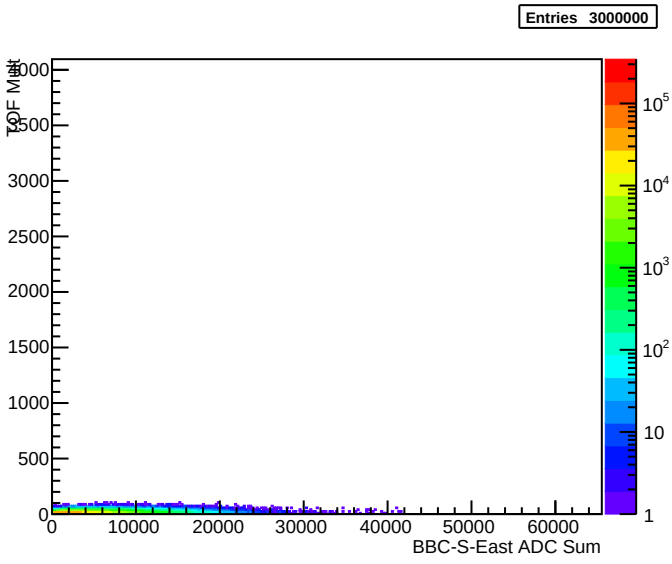


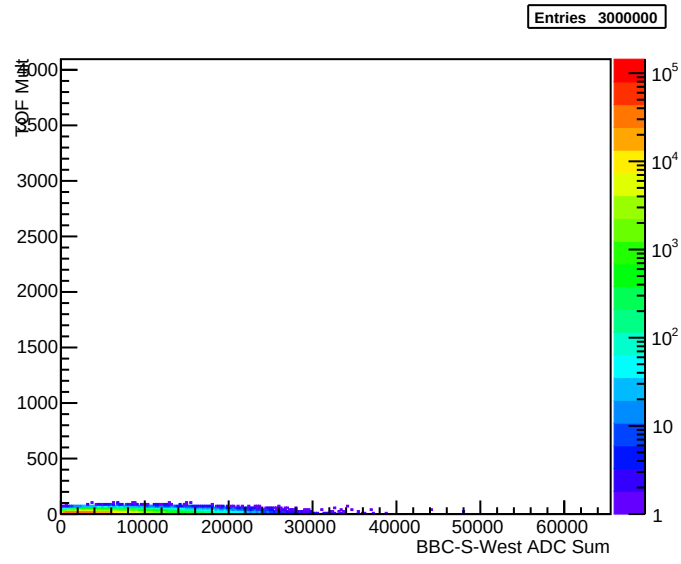
VT201 Input Ch4: VPD Adc Sum Th

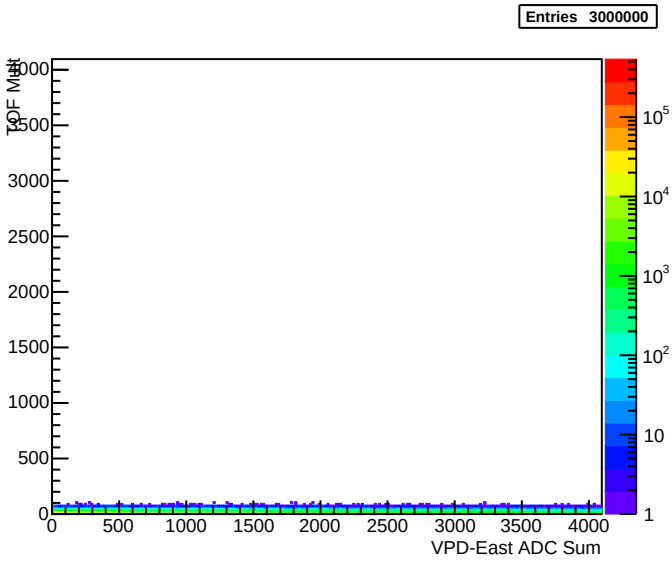


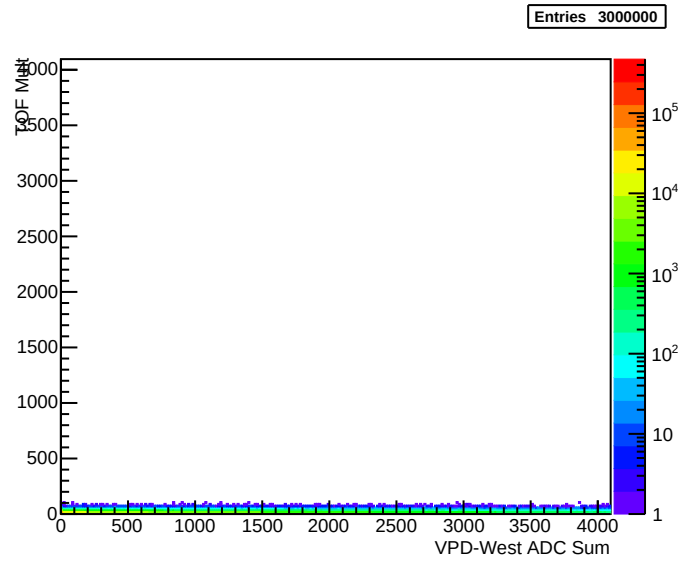
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

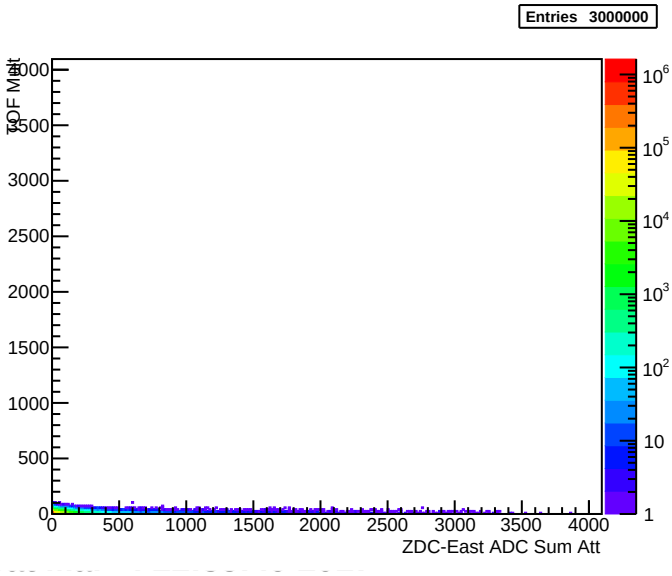


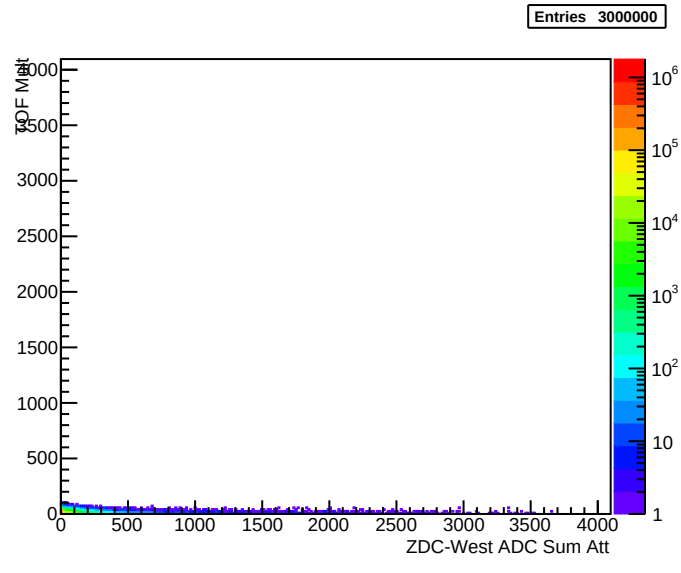

Entries 3000000
TOF Mult
BBC-S-East ADC Sum

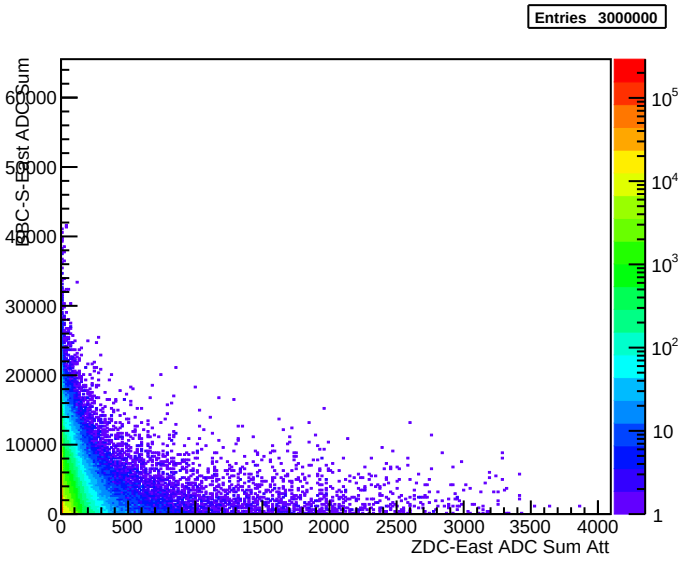

Entries 3000000
TOF Mult
BBC-S-West ADC Sum

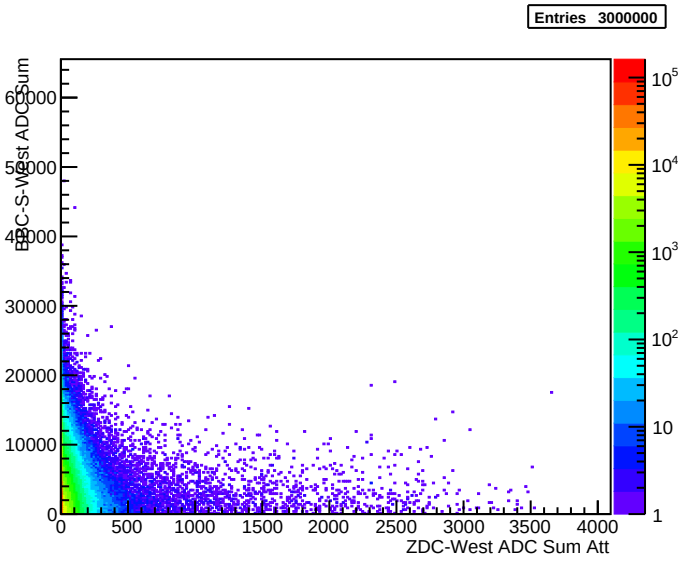

Entries 3000000
TOF Mult
VPD-East ADC Sum

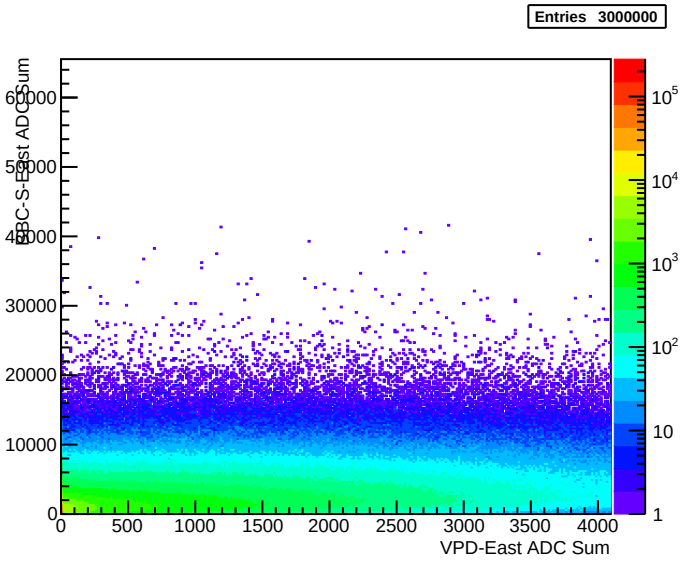

Entries 3000000
TOF Mult
VPD-West ADC Sum

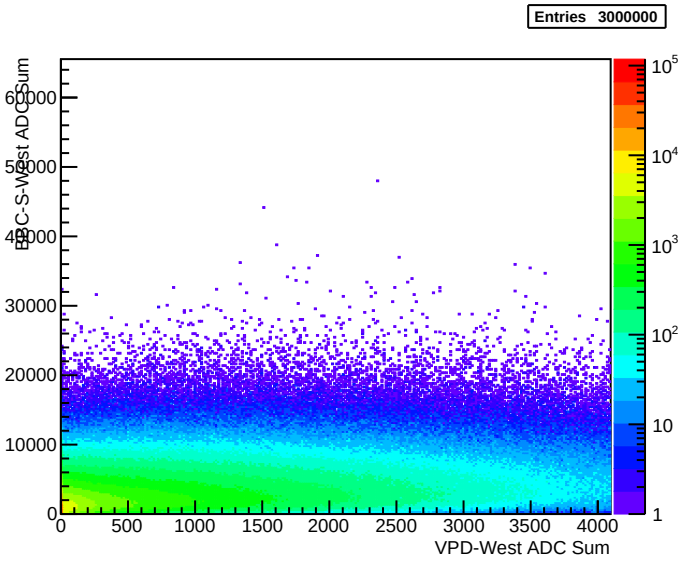

Entries 3000000
TOF Mult
ZDC-East ADC Sum Att

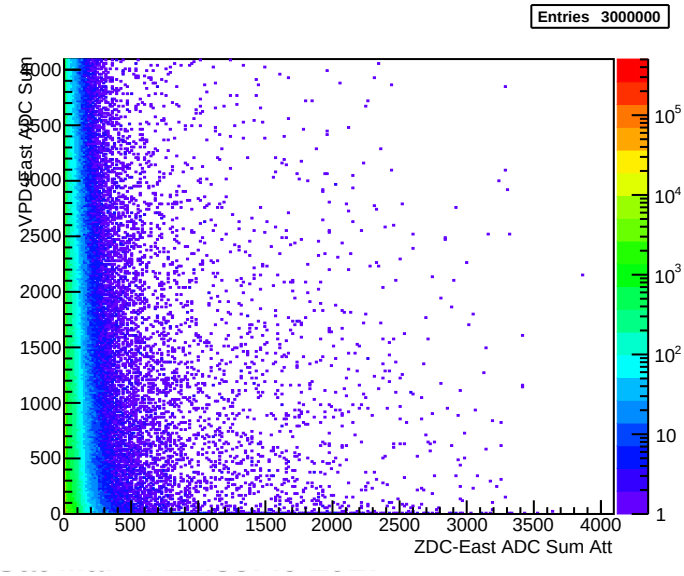

Entries 3000000
TOF Mult
ZDC-West ADC Sum Att

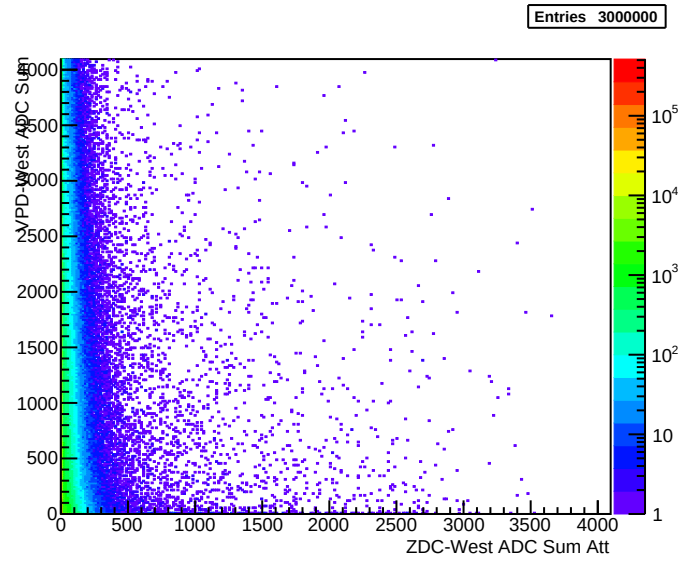

Entries 3000000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

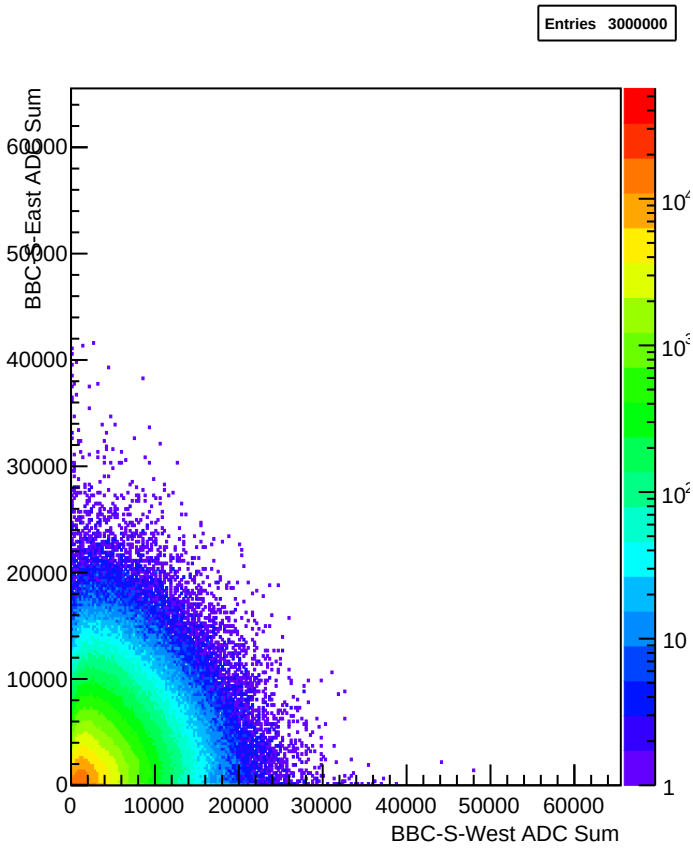

Entries 3000000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

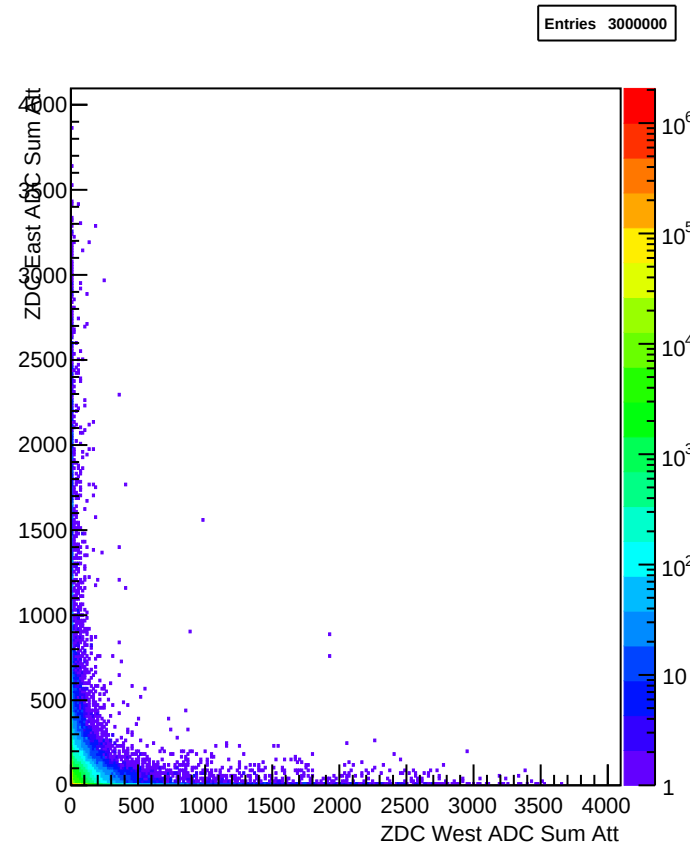

Entries 3000000
BBC-S-East ADC Sum
VPD-East ADC Sum

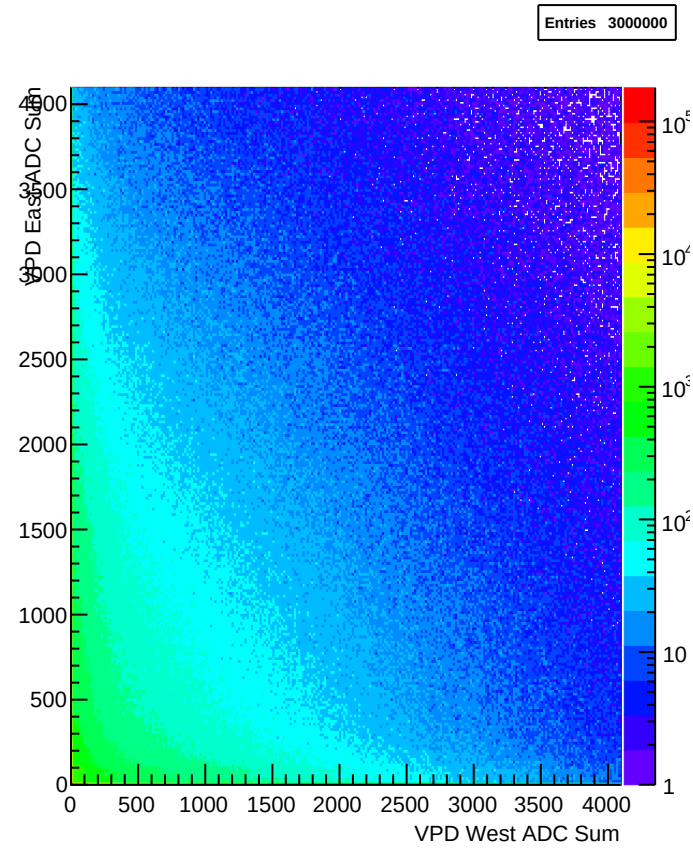

Entries 3000000
BBC-S-West ADC Sum
VPD-West ADC Sum

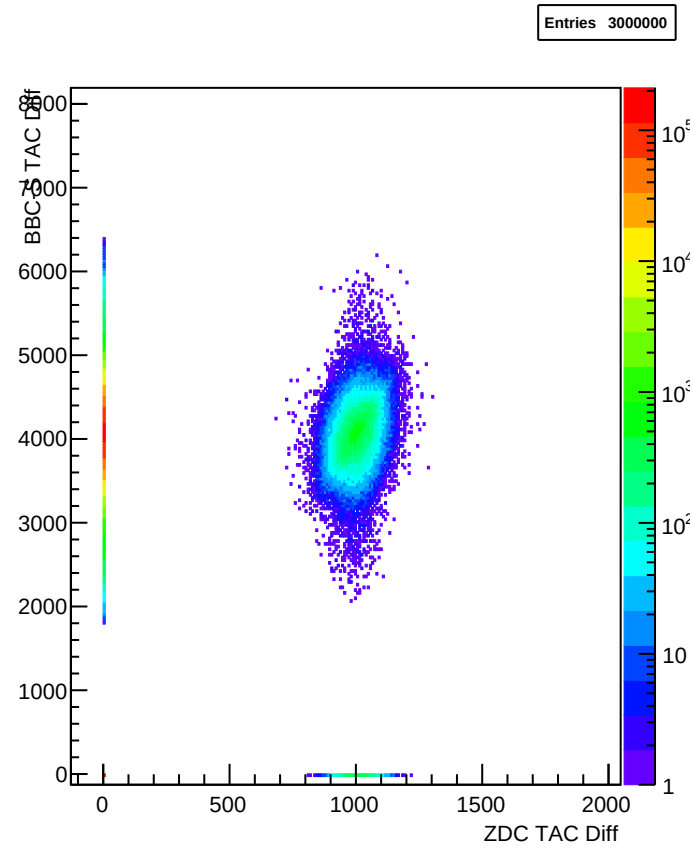

Entries 3000000
VPD-East ADC Sum
ZDC-East ADC Sum Att

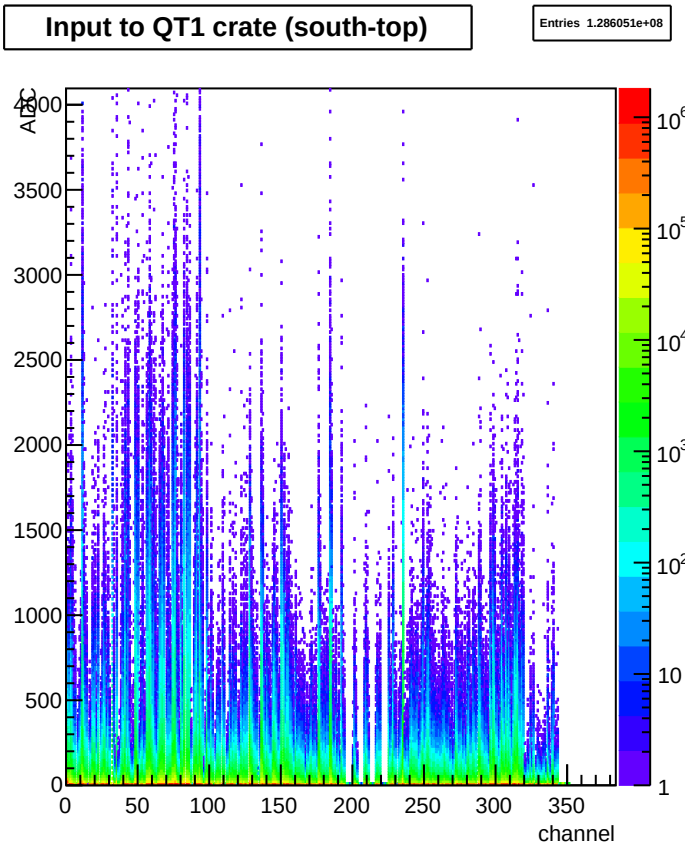

Entries 3000000
VPD-West ADC Sum
ZDC-West ADC Sum Att

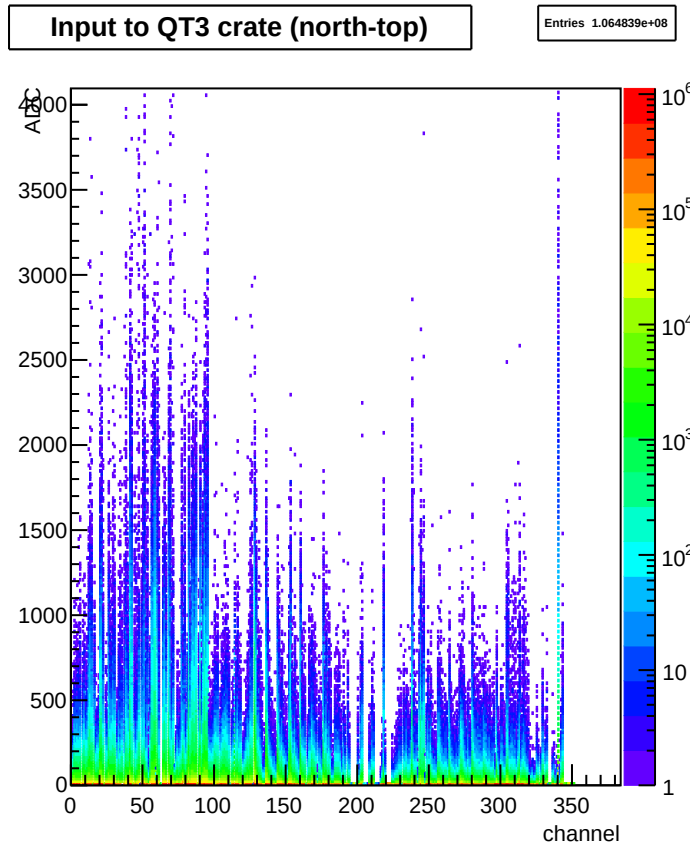

Entries 3000000
BBC-S-East ADC Sum
BBC-S-West ADC Sum

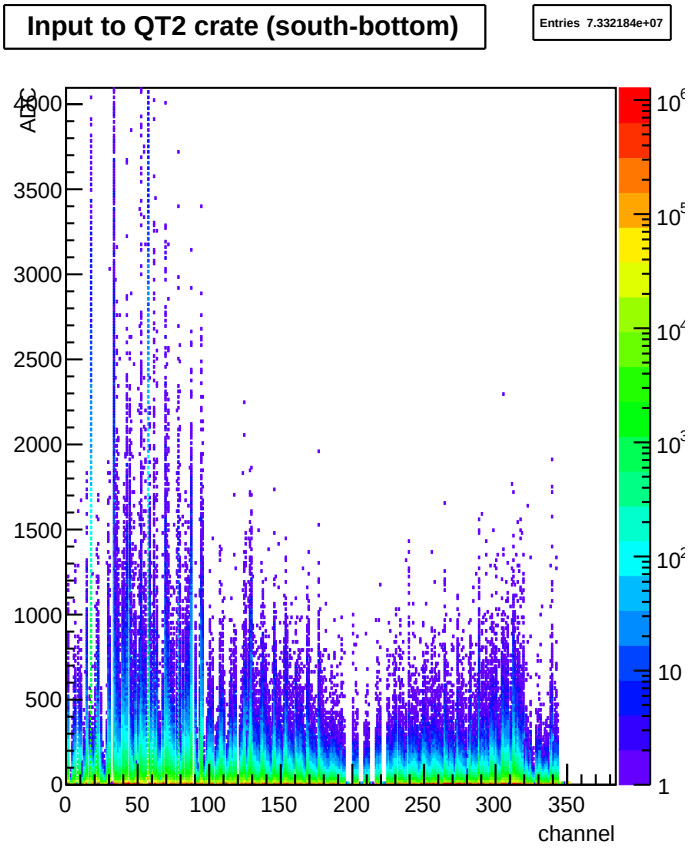

Entries 3000000
ZDC East ADC Sum Att
ZDC West ADC Sum Att

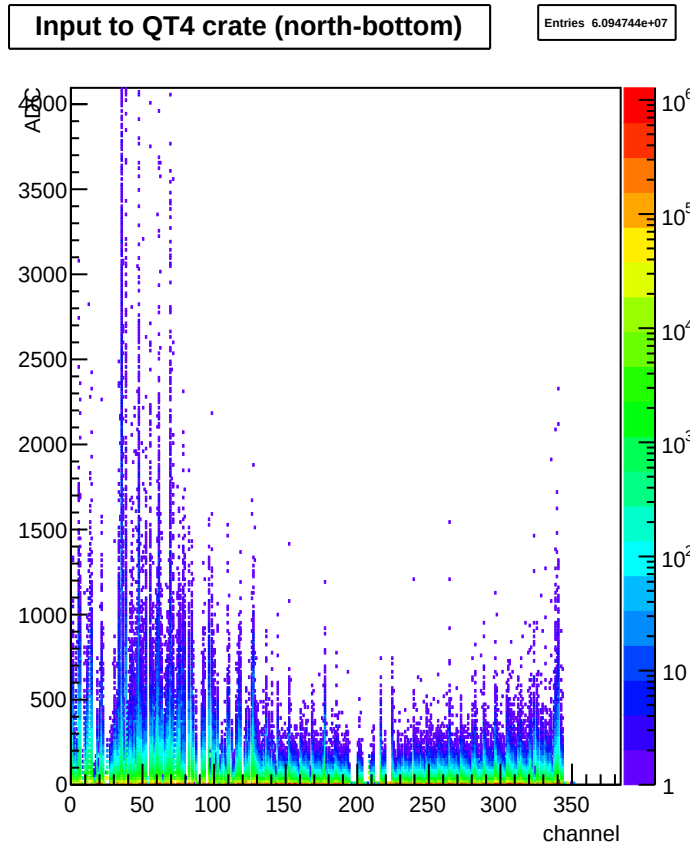

Entries 3000000
VPD East ADC Sum
VPD West ADC Sum

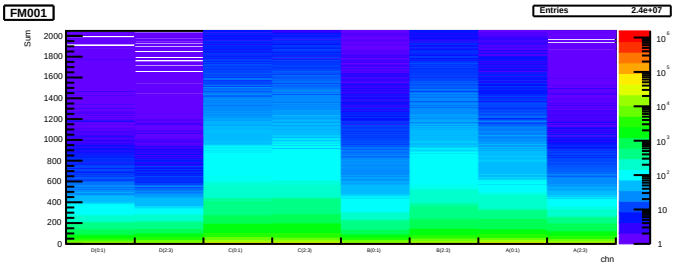

Entries 3000000
BBC-S TAC Diff
ZDC TAC Diff

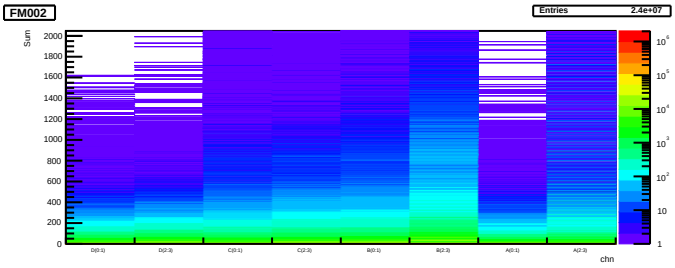

Input to QT1 crate (south-top)
Entries 1.286051e+08
ADC
channel

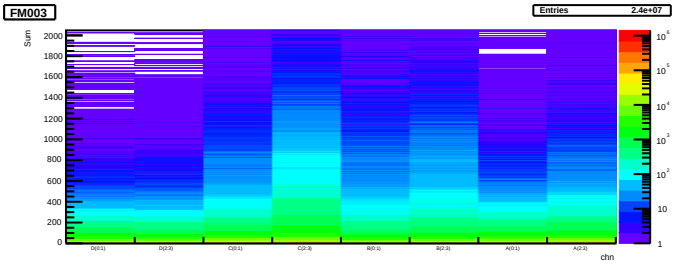

Input to QT3 crate (north-top)
Entries 1.064839e+08
ADC
channel

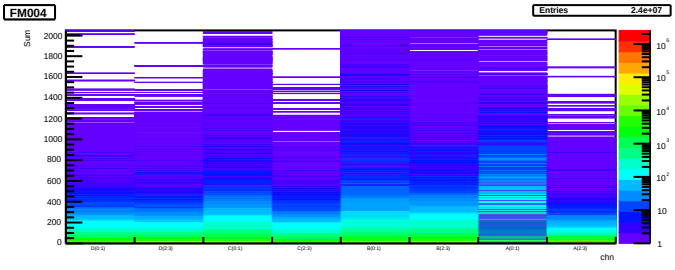

Input to QT2 crate (south-bottom)
Entries 7.332184e+07
ADC
channel

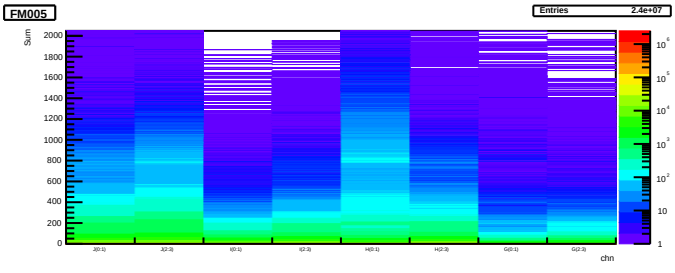

Input to QT4 crate (north-bottom)
Entries 6.094744e+07
ADC
channel

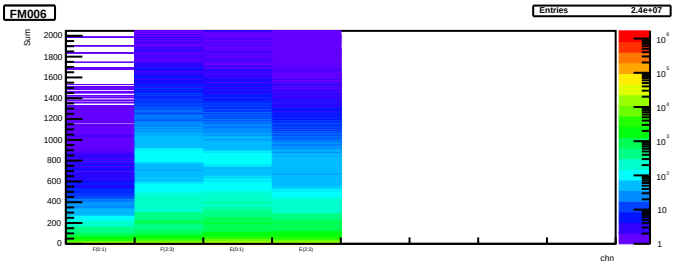

FM001
Entries 2.4e+07
Sum
chn

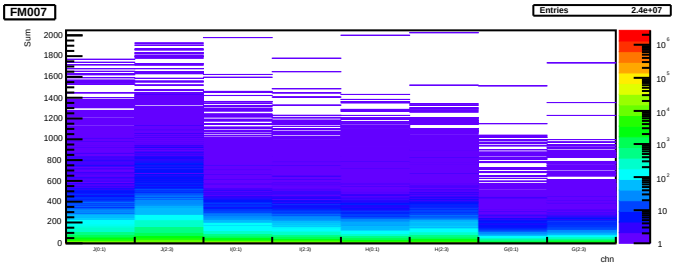

FM002
Entries 2.4e+07
Sum
chn

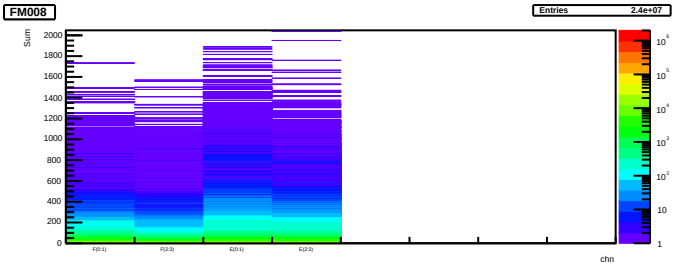

FM003
Entries 2.4e+07
Sum
chn

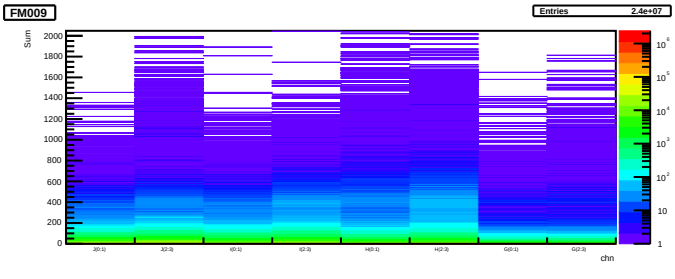

FM004
Entries 2.4e+07
Sum
chn

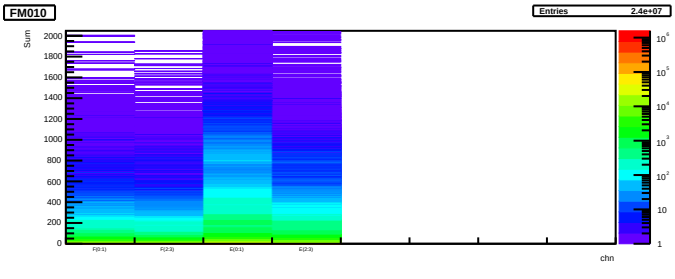

FM005
Entries 2.4e+07
Sum
chn

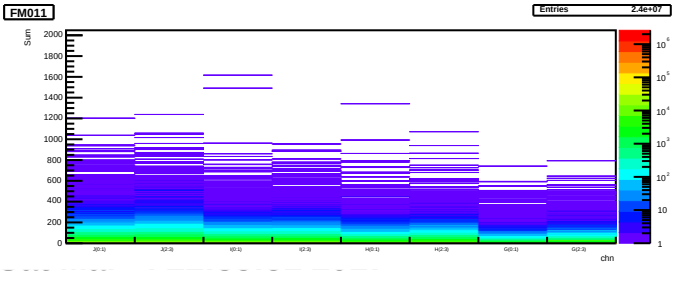

FM006
Entries 2.4e+07
Sum
chn

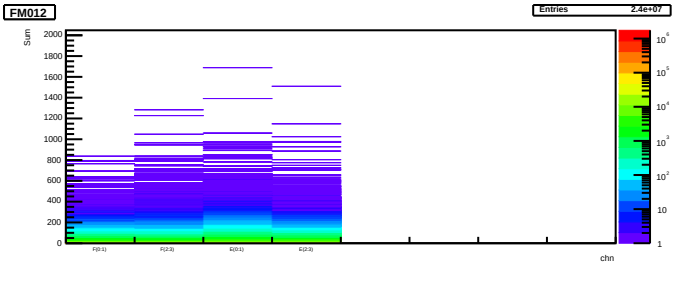

FM007
Entries 2.4e+07
Sum
chn

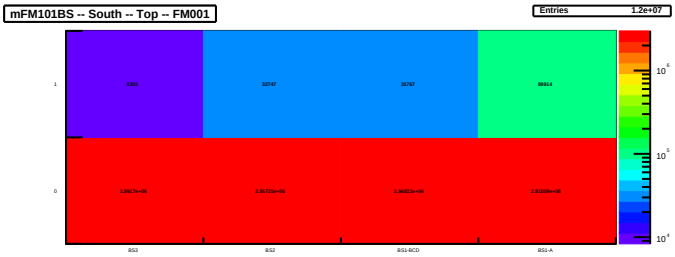

FM008
Entries 2.4e+07
Sum
chn

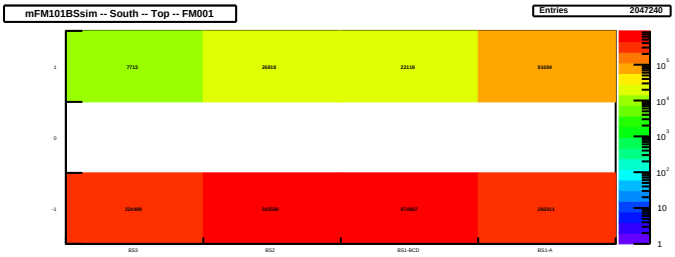

FM009
Entries 2.4e+07
Sum
chn

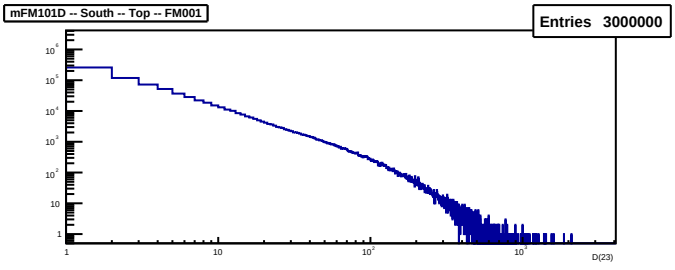

FM010
Entries 2.4e+07
Sum
chn

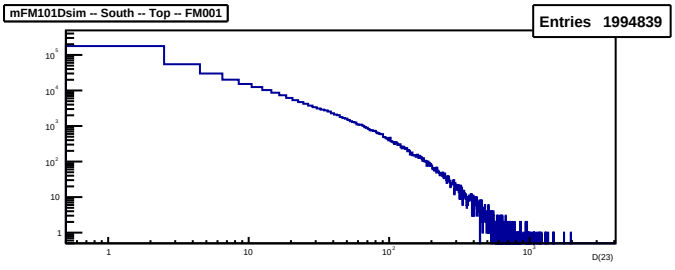

FM011
Entries 2.4e+07
Sum
chn

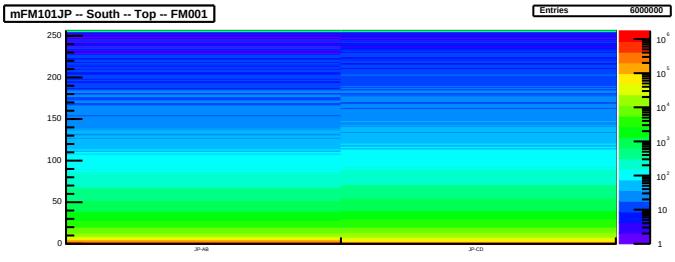

FM012
Entries 2.4e+07
Sum
chn

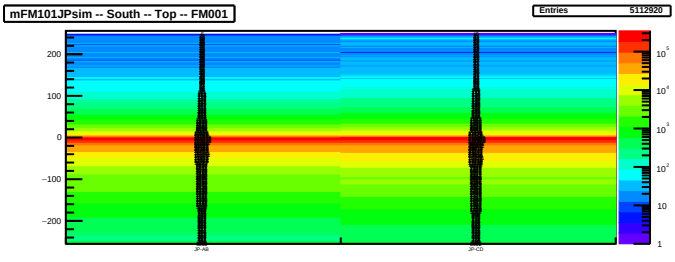

mFM101BS -- South -- Top -- FM001
Entries 1.2e+07
BS3
BS2
BS1-BCD
BS1-A

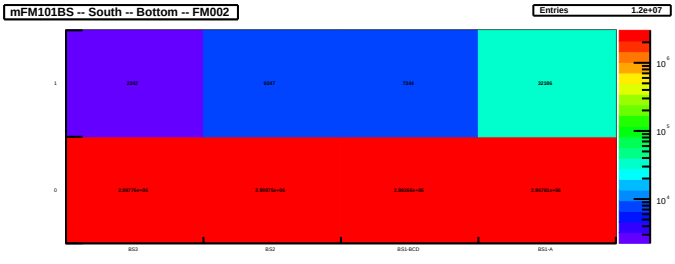

mFM101BSsim -- South -- Top -- FM001
Entries 2047240
BS3
BS2
BS1-BCD
BS1-A

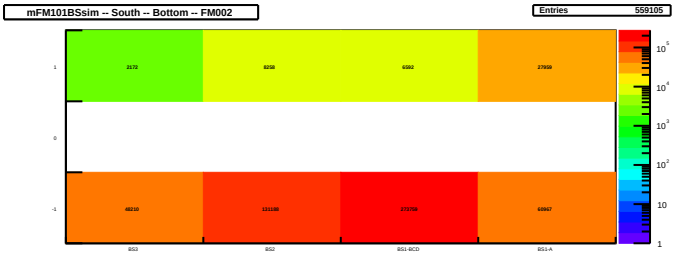

mFM101D -- South -- Top -- FM001
Entries 3000000
D(23)

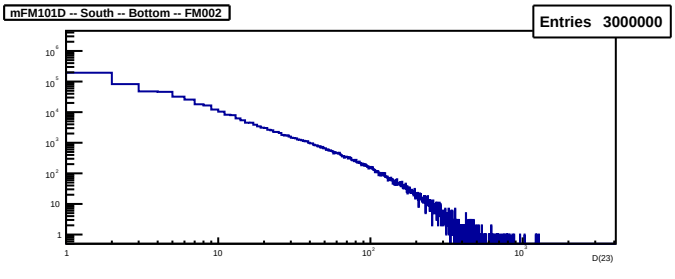

mFM101Dsim -- South -- Top -- FM001
Entries 1994839
D(23)

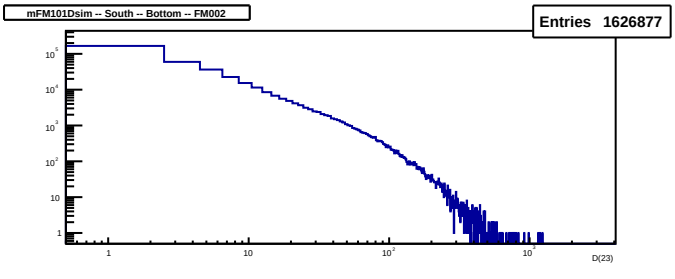

mFM101JP -- South -- Top -- FM001
Entries 6000000
JP-AB
JP-CD


mFM101JPsim -- South -- Top -- FM001
Entries 5112920
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 1.2e+07
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 559105
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 3000000
D(23)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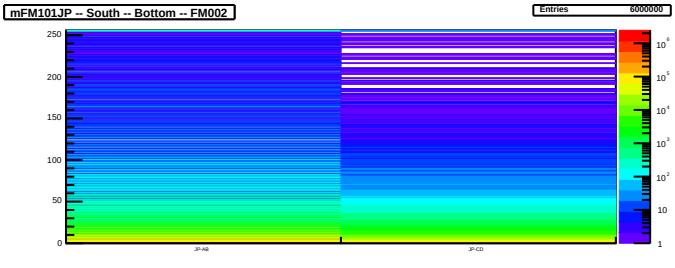
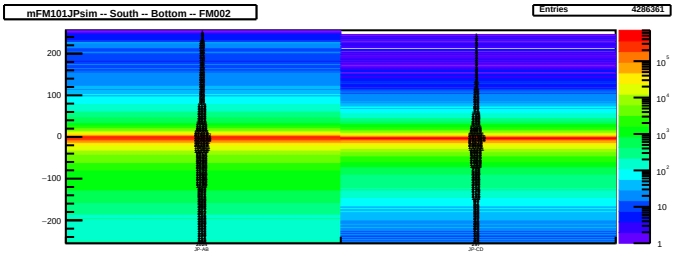
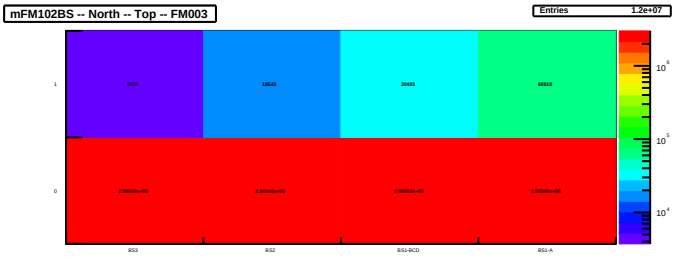
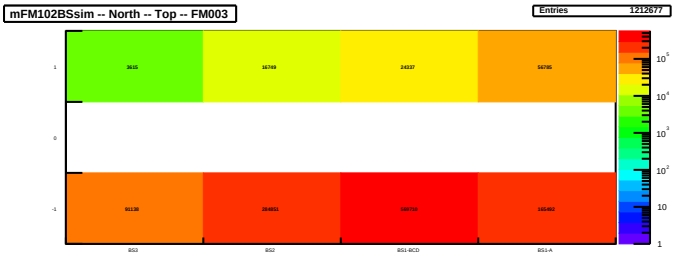
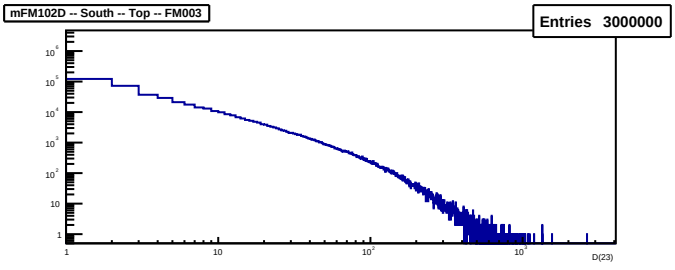
Entries 1626877
D(23)

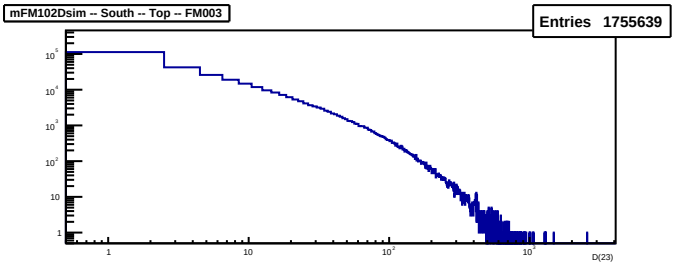

mFM101JP -- South -- Bottom -- FM002
Entries 6000000
JP-AB
JP-CD


mFM101JPsim -- South -- Bottom -- FM002
Entries 4286361
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1.2e+07
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Top -- FM003
Entries 1212677
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 3000000
D(23)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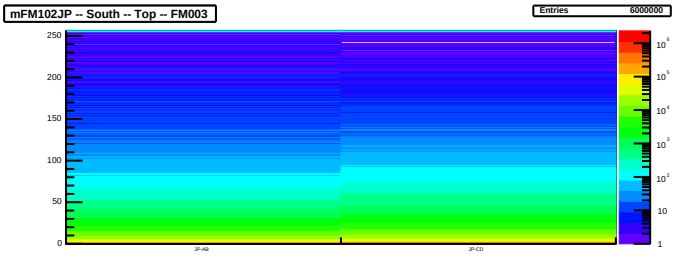
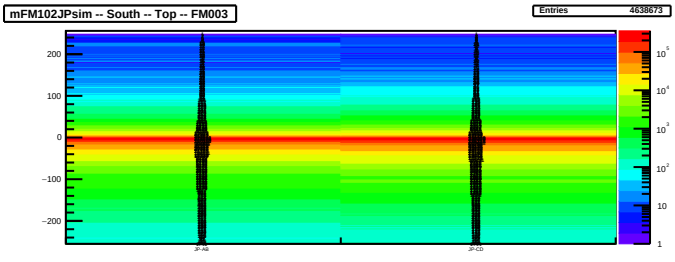
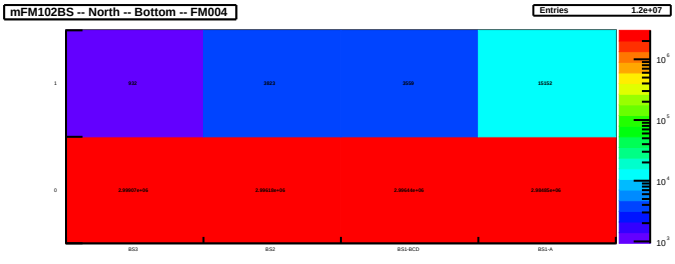
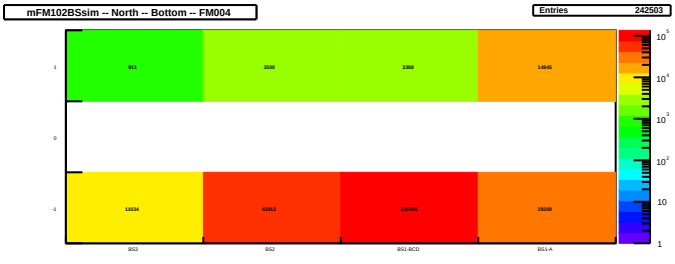
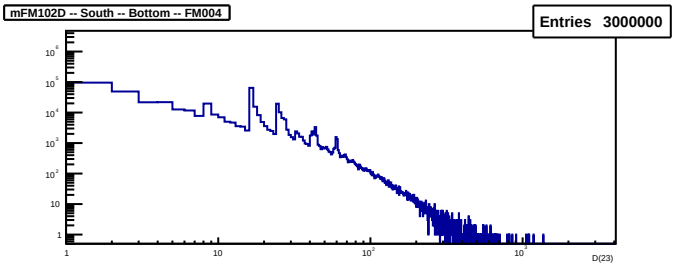
Entries 1755639
D(23)

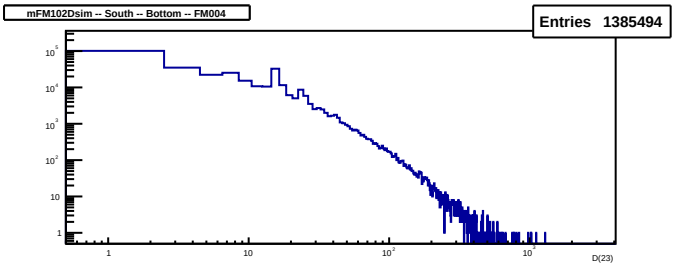

mFM102JP -- South -- Top -- FM003
Entries 6000000
JP-AB
JP-CD

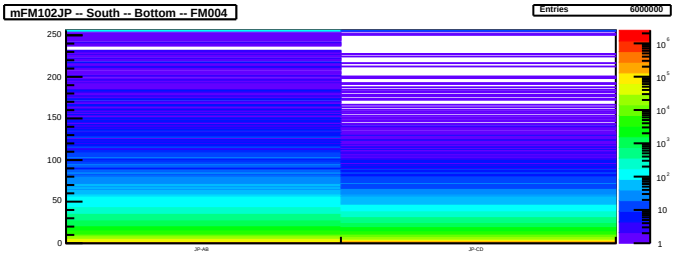

mFM102JPsim -- South -- Top -- FM003
Entries 4638673
JP-AB
JP-CD

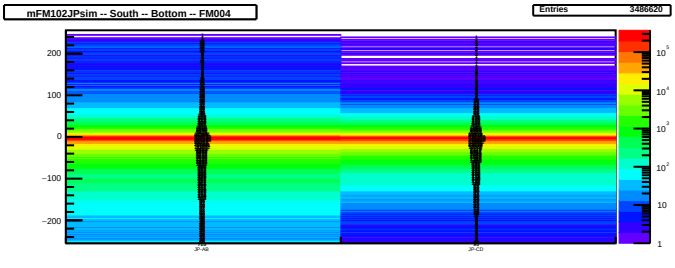

mFM102BS -- North -- Bottom -- FM004
Entries 1.2e+07
BS3
BS2
BS1-BCD
BS1-A

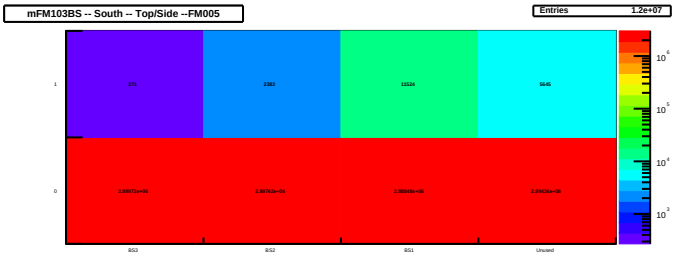

mFM102BSsim -- North -- Bottom -- FM004
Entries 242503
BS3
BS2
BS1-BCD
BS1-A

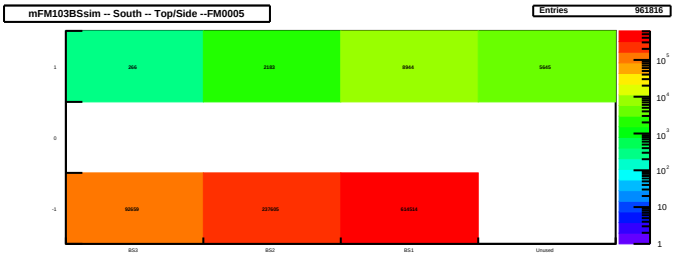

mFM102D -- South -- Bottom -- FM004
Entries 3000000
D(23)

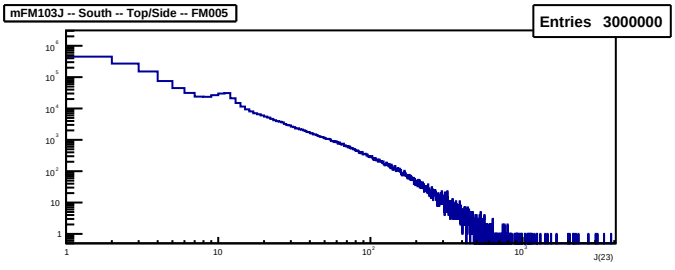

mFM102Dsim -- South -- Bottom -- FM004
Entries 1385494
D(23)

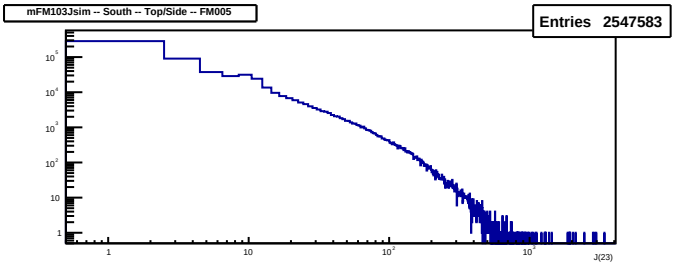

mFM102JP -- South -- Bottom -- FM004
Entries 6000000
JP-AB
JP-CD

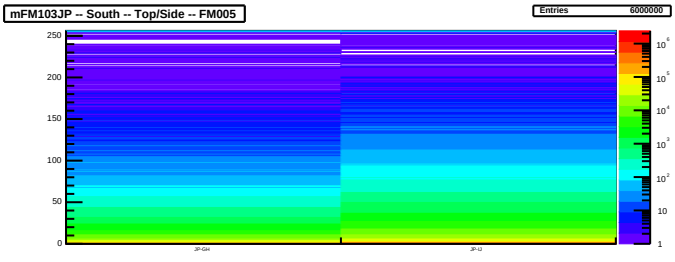

mFM102JPsim -- South -- Bottom -- FM004
Entries 3486620
JP-AB
JP-CD

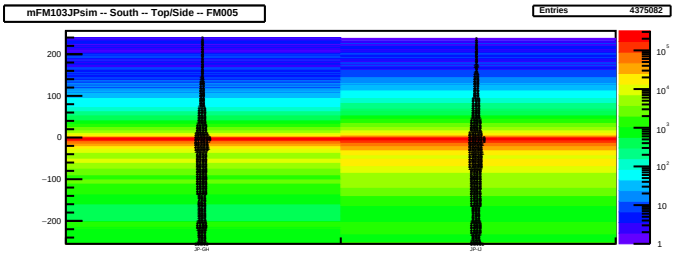

mFM103BS -- South -- Top/Side --FM005
Entries 1.2e+07


mFM103BSsim -- South -- Top/Side --FM0005
Entries 961816


mFM103J -- South -- Top/Side -- FM005
Entries 3000000
J(23)


mFM103Jsim -- South -- Top/Side -- FM005
Entries 2547583
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 6000000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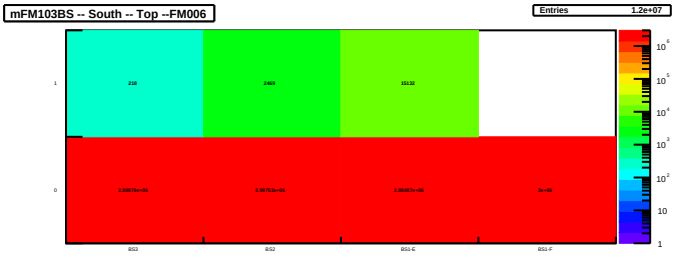
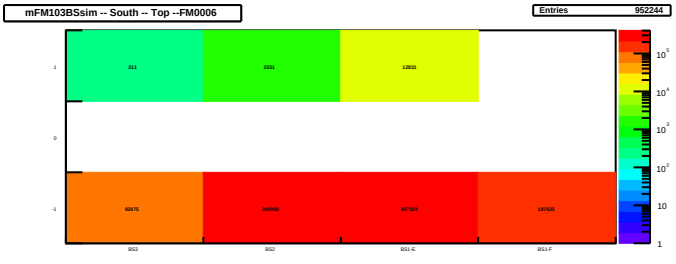
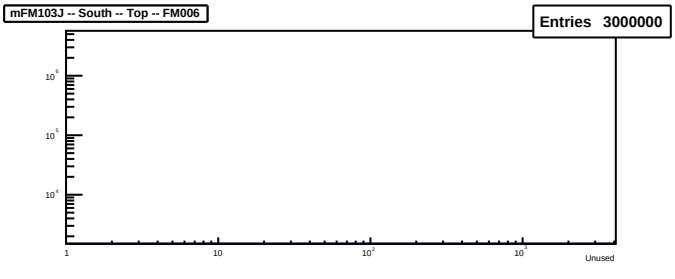
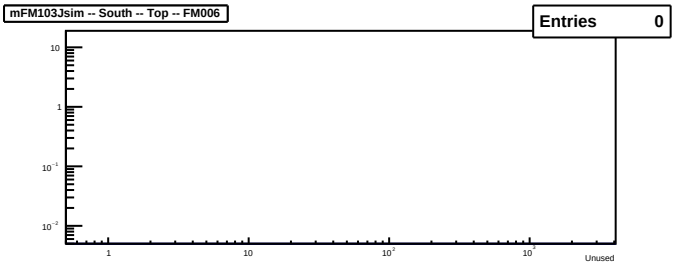
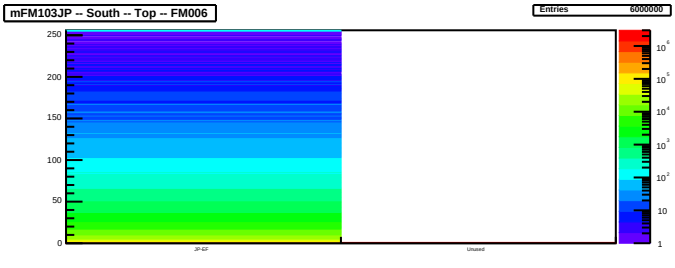
Entries 4375082

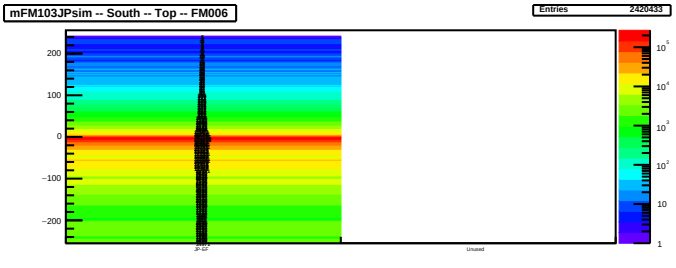

mFM103BS -- South -- Top --FM006
Entries 1.2e+07


mFM103BSsim -- South -- Top --FM0006
Entries 952244


mFM103J -- South -- Top -- FM006
Entries 3000000
Unused


mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused


mFM103JP -- South -- Top -- FM006
Entries 6000000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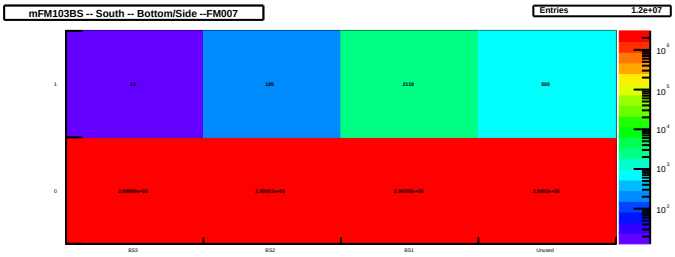
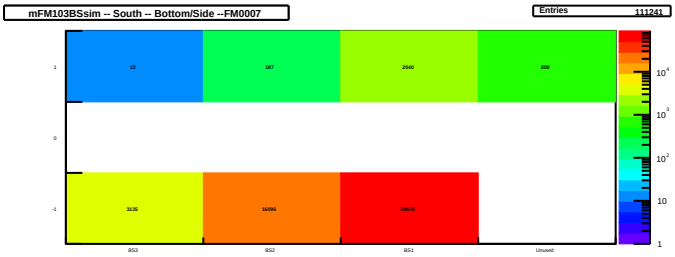
Entries 2420433


mFM103BS -- South -- Bottom/Side --FM007
Entries 1.2e+07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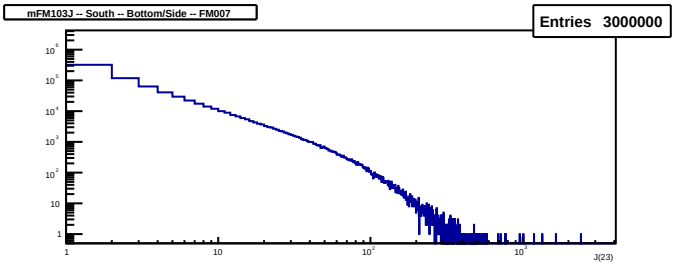
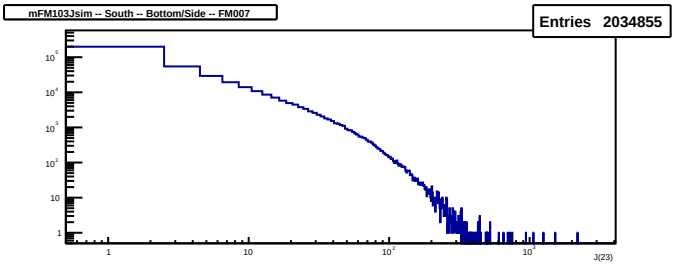
Entries 111241


mFM103J -- South -- Bottom/Side -- FM007
Entries 3000000
J(23)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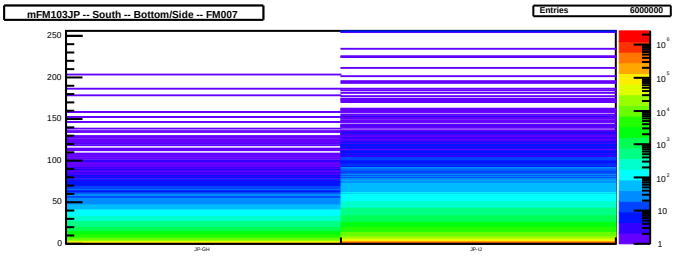
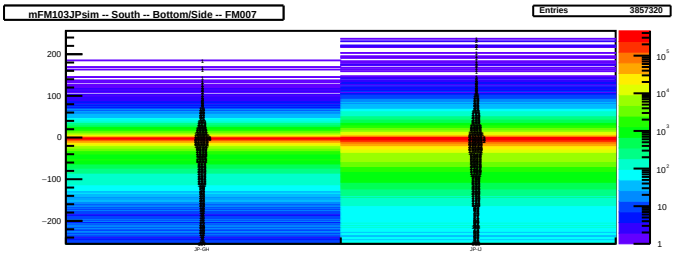
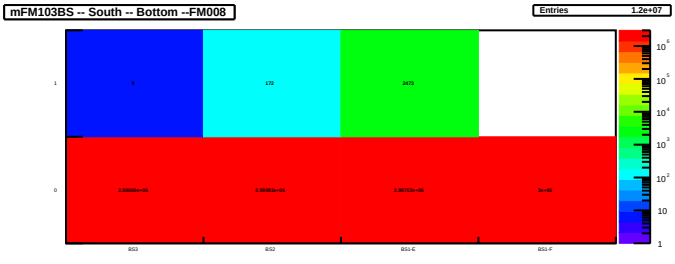
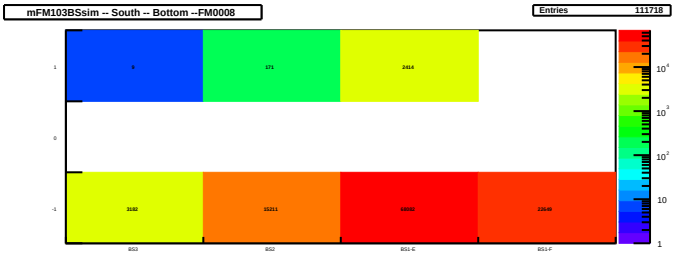
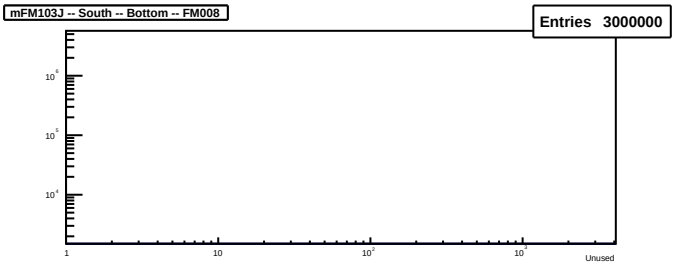
Entries 2034855
J(23)

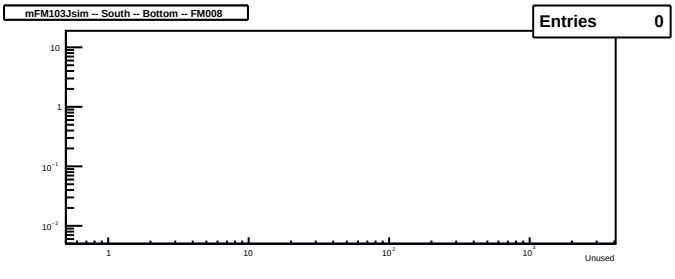

mFM103JP -- South -- Bottom/Side -- FM007
Entries 6000000

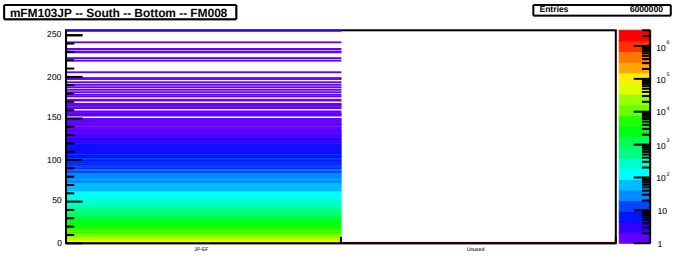

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 3857320

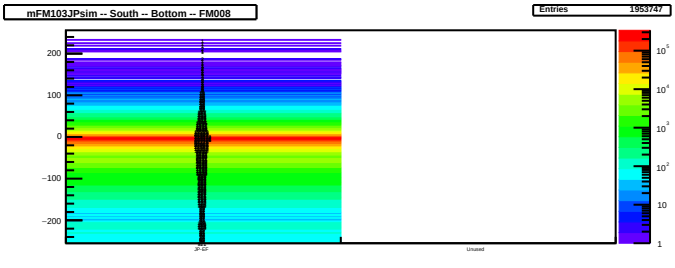

mFM103BS -- South -- Bottom --FM008
Entries 1.2e+07


mFM103BSsim -- South -- Bottom --FM0008
Entries 111718


mFM103J -- South -- Bottom -- FM008
Entries 3000000
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 6000000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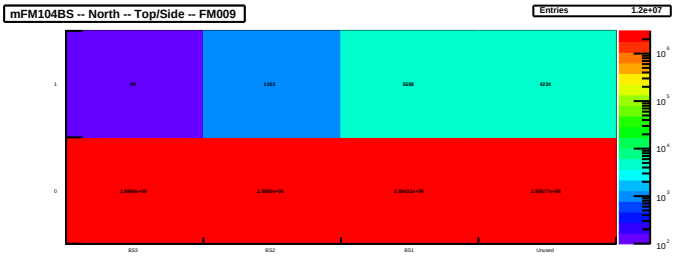
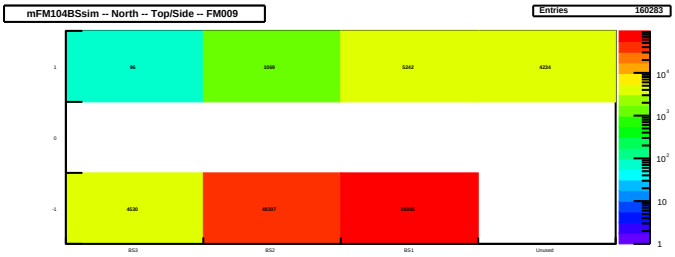
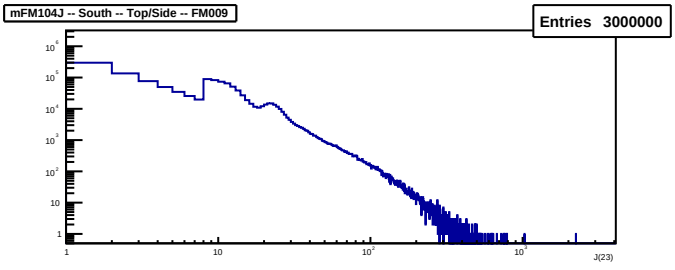
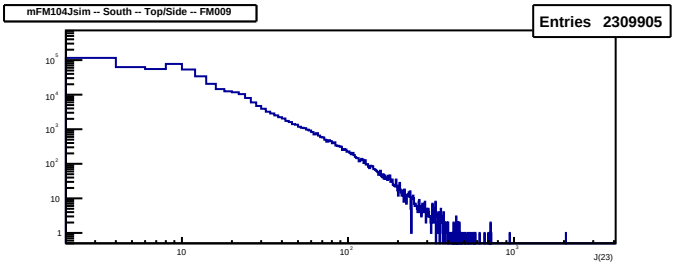
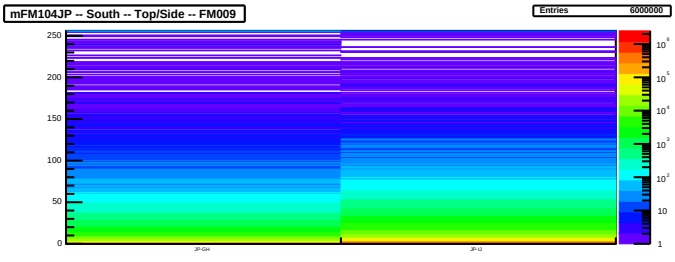
Entries 1953747

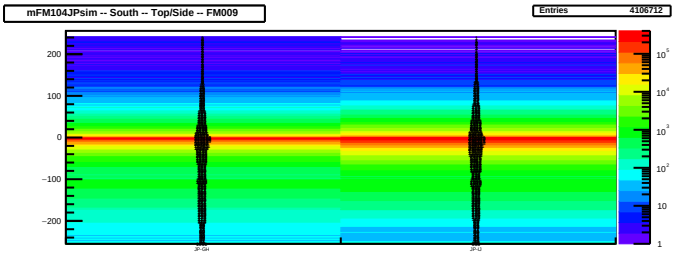

mFM104BS -- North -- Top/Side -- FM009
Entries 1.2e+07

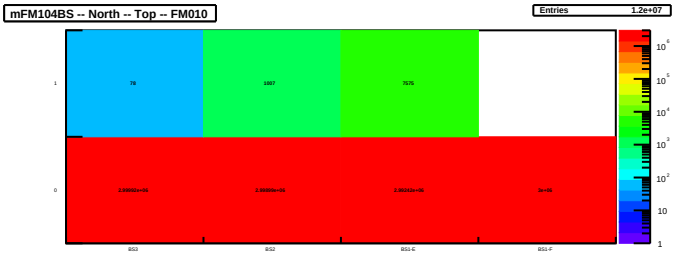

mFM104BSsim -- North -- Top/Side -- FM009
Entries 160283

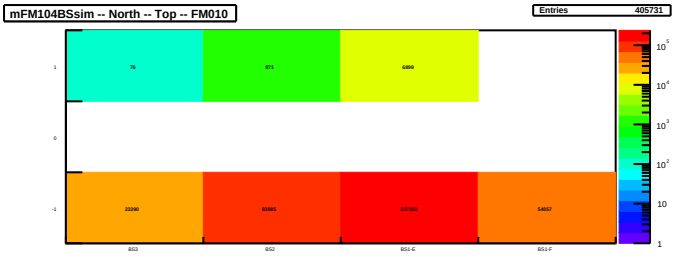

mFM104J -- South -- Top/Side -- FM009
Entries 3000000
J(23)

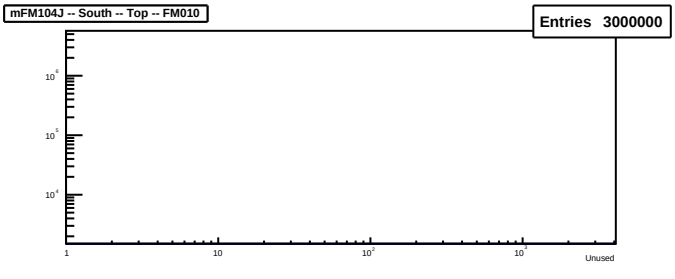

mFM104Jsim -- South -- Top/Side -- FM009
Entries 2309905
J(23)

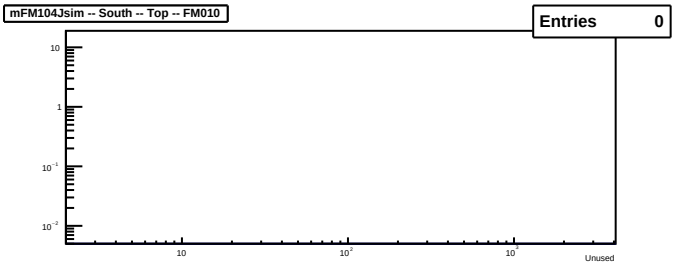

mFM104JP -- South -- Top/Side -- FM009
Entries 6000000

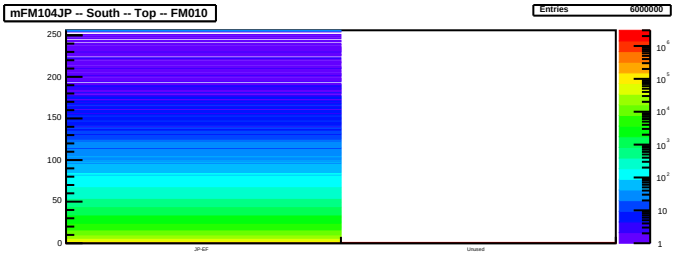

mFM104JPsim -- South -- Top/Side -- FM009
Entries 4106712

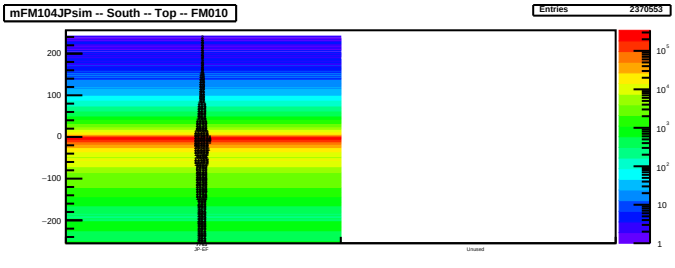

mFM104BS -- North -- Top -- FM010
Entries 1.2e+07

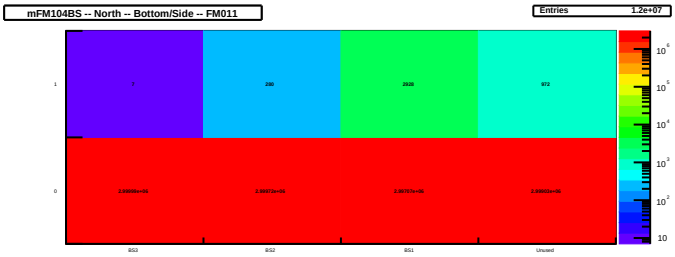

mFM104BSsim -- North -- Top -- FM010
Entries 405731

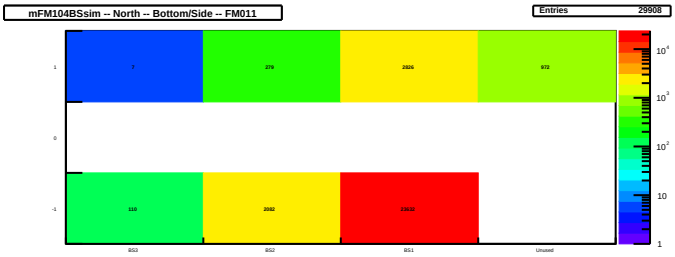

mFM104J -- South -- Top -- FM010
Entries 3000000
Unused

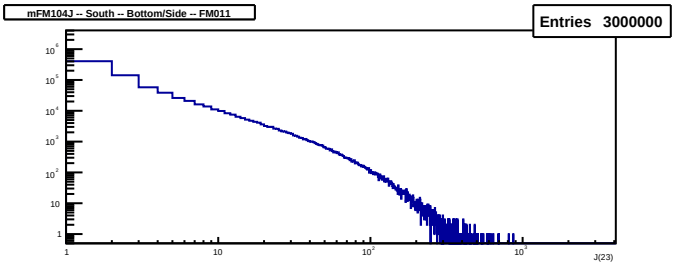

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

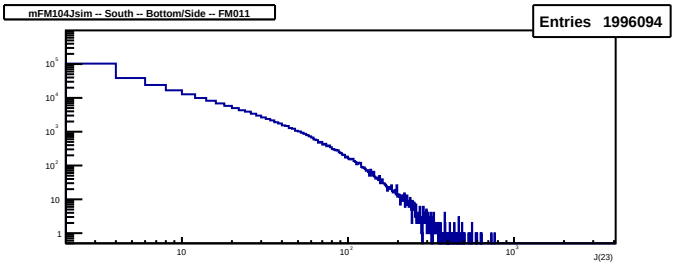

mFM104JP -- South -- Top -- FM010
Entries 6000000

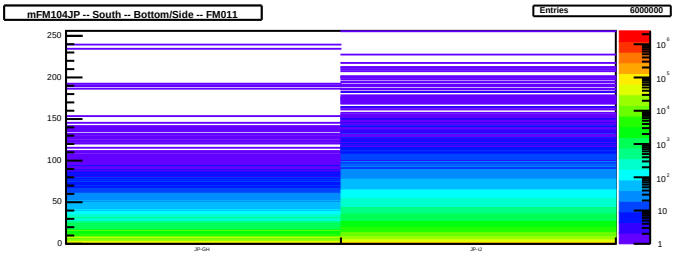

mFM104JPsim -- South -- Top -- FM010
Entries 2370553

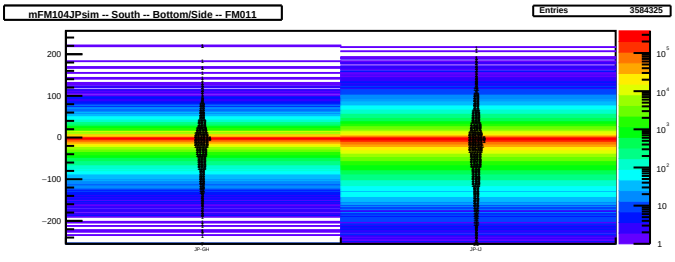

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.2e+07

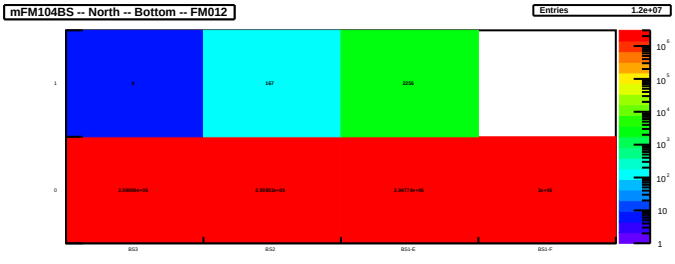

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 29908

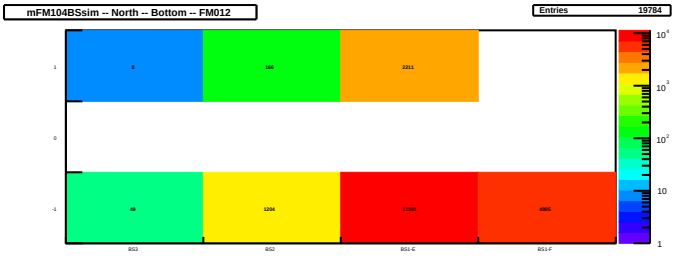

mFM104J -- South -- Bottom/Side -- FM011
Entries 3000000
J(23)

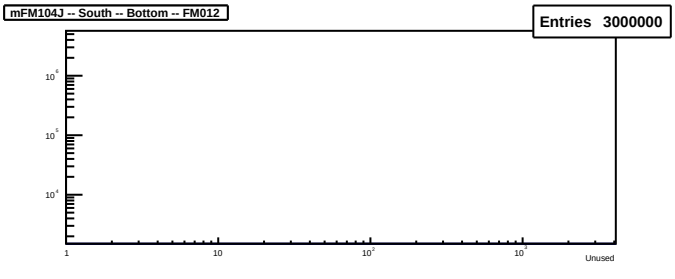

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1996094
J(23)

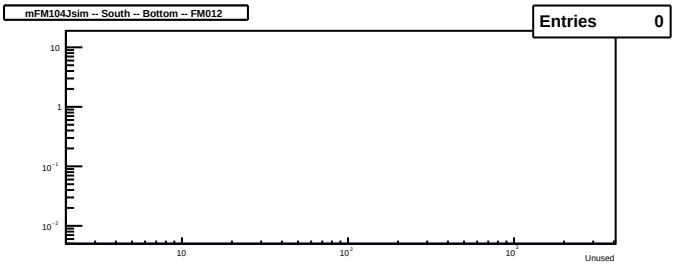

mFM104JP -- South -- Bottom/Side -- FM011
Entries 6000000

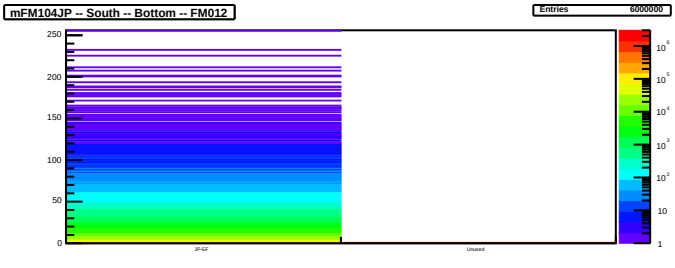

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3584325

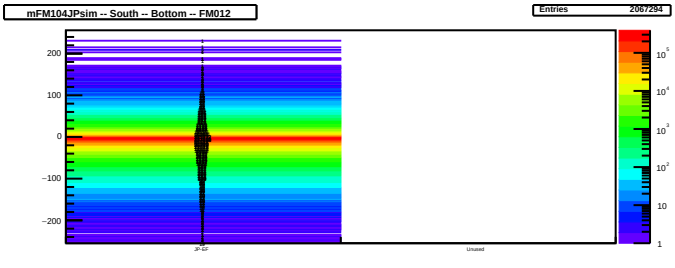

mFM104BS -- North -- Bottom -- FM012
Entries 1.2e+07

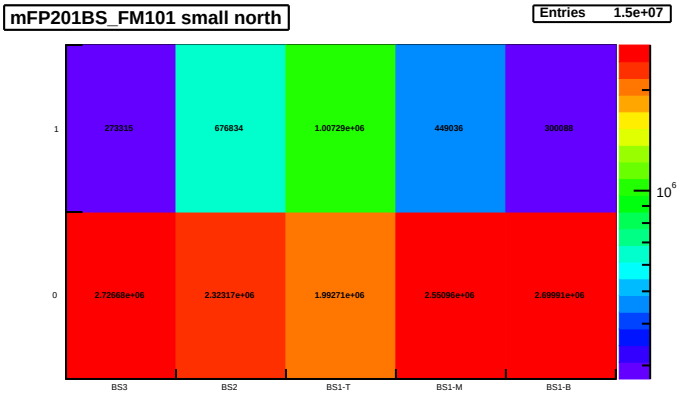

mFM104BSsim -- North -- Bottom -- FM012
Entries 19784

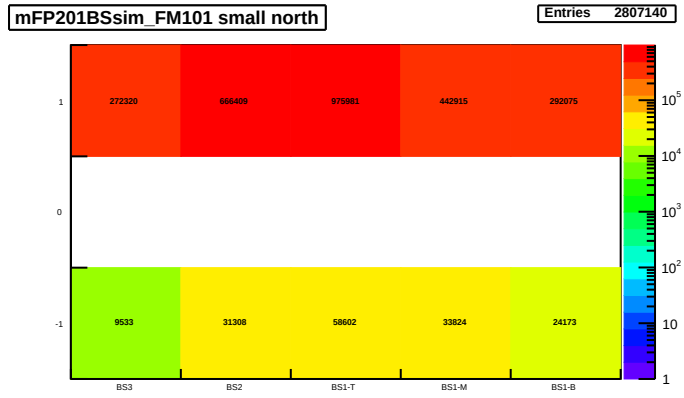

mFM104J -- South -- Bottom -- FM012
Entries 3000000
Unused

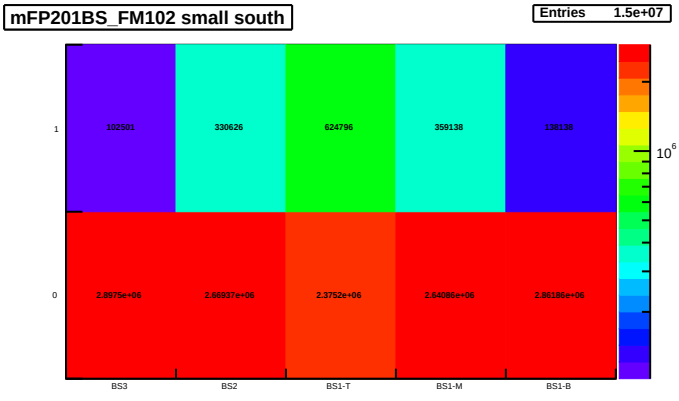

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

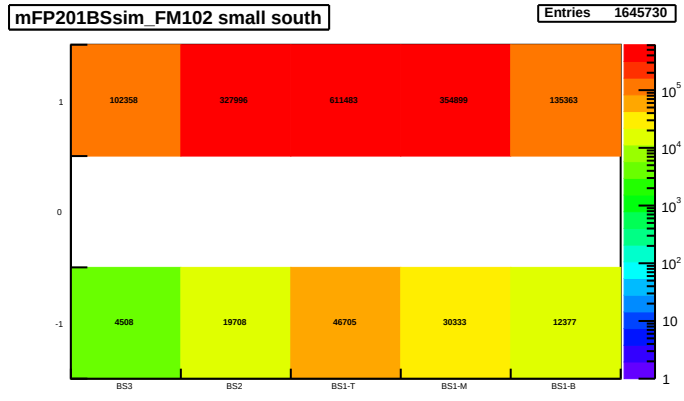

mFM104JP -- South -- Bottom -- FM012
Entries 6000000

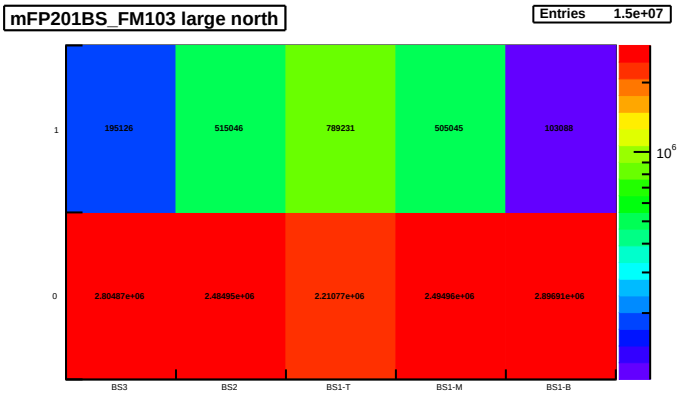

mFM104JPsim -- South -- Bottom -- FM012
Entries 2067294

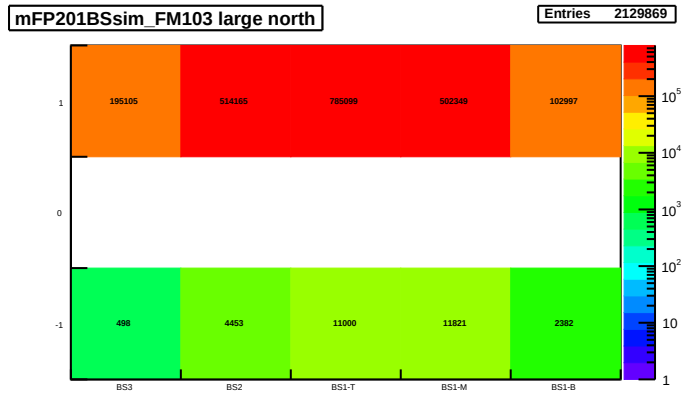

mFP201BS_FM101 small north
Entries 1.5e+07
273315
676834
1.00729e+06
449036
300088
2.72668e+06
2.32317e+06
1.99271e+06
2.55096e+06
2.69991e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

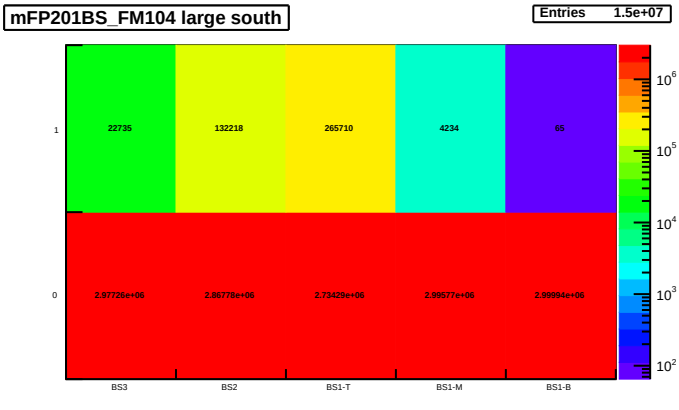

mFP201BSsim_FM101 small north
Entries 2807140
272320
666409
975981
442915
292075
9533
31308
58602
33824
24173
BS3
BS2
BS1-T
BS1-M
BS1-B

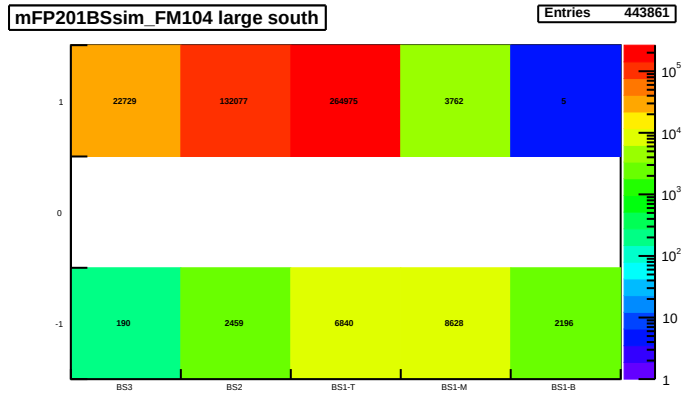

mFP201BS_FM102 small south
Entries 1.5e+07
102501
330626
624796
359138
138138
2.8975e+06
2.66937e+06
2.3752e+06
2.64086e+06
2.86186e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

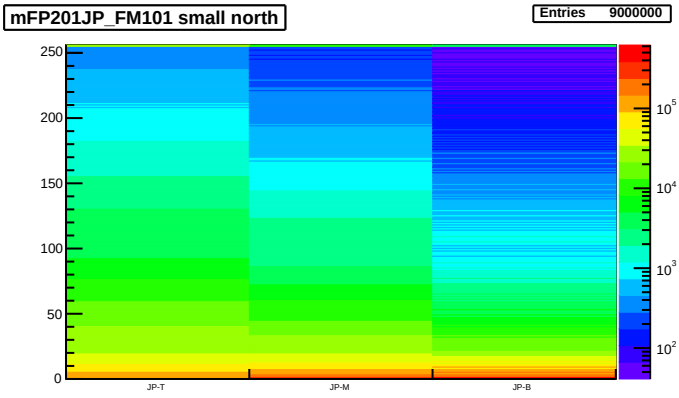

mFP201BSsim_FM102 small south
Entries 1645730
102358
327996
611483
354899
135363
4508
19708
46705
30333
12377
BS3
BS2
BS1-T
BS1-M
BS1-B

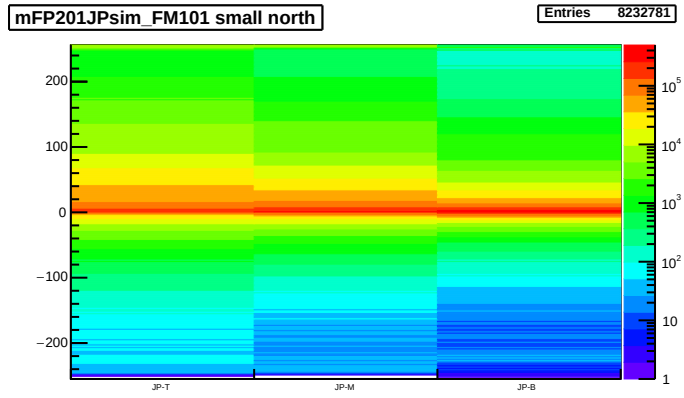

mFP201BS_FM103 large north
Entries 1.5e+07
195126
515046
789231
505045
103088
2.80487e+06
2.48495e+06
2.21077e+06
2.49496e+06
2.89691e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

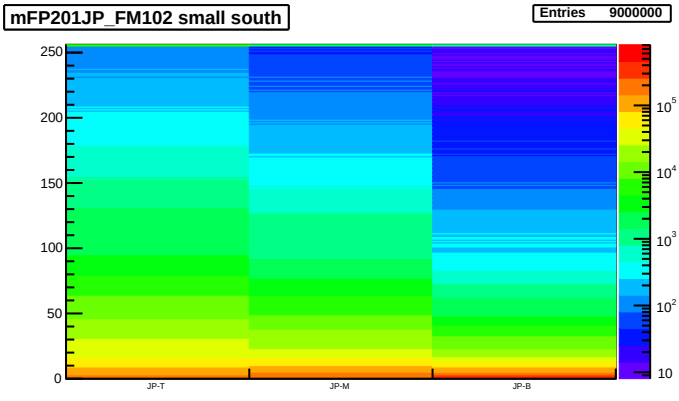

mFP201BSsim_FM103 large north
Entries 2129869
195105
514165
785099
502349
102997
498
4453
11000
11821
2382
BS3
BS2
BS1-T
BS1-M
BS1-B

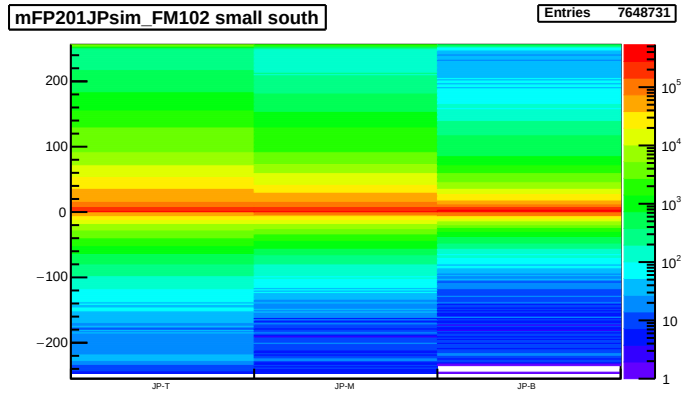

mFP201BS_FM104 large south
Entries 1.5e+07
22735
132218
265710
4234
65
2.97726e+06
2.86778e+06
2.73429e+06
2.99577e+06
2.99994e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

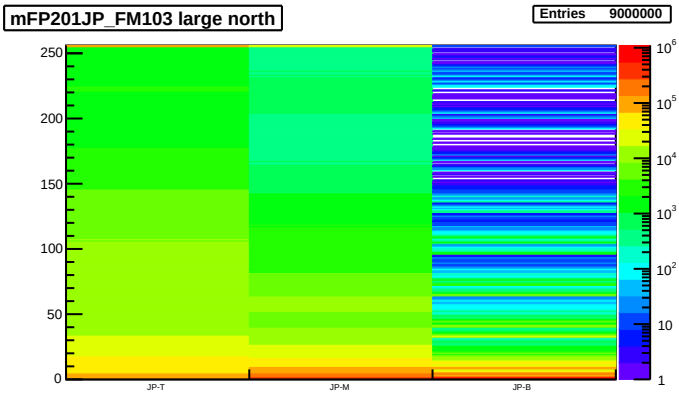

mFP201BSsim_FM104 large south
Entries 443861
22729
132077
264975
3762
5
190
2459
6840
8628
2196
BS3
BS2
BS1-T
BS1-M
BS1-B

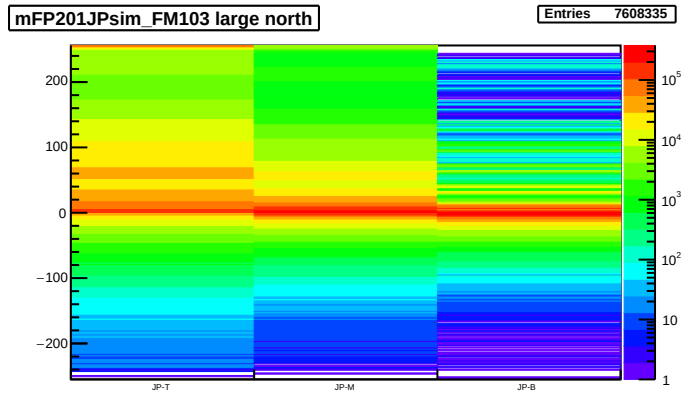

mFP201JP_FM101 small north
Entries 9000000
JP-T
JP-M
JP-B

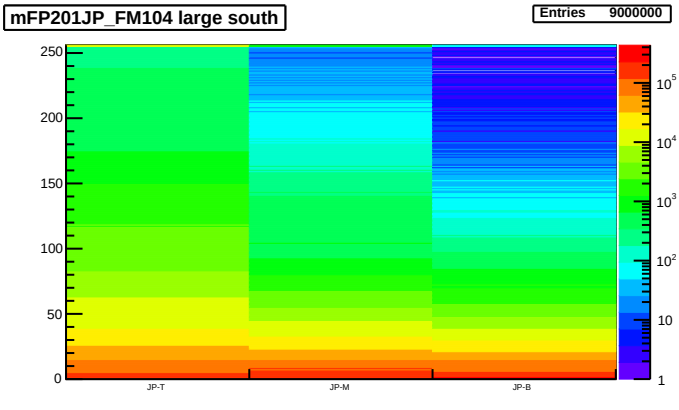

mFP201JPsim_FM101 small north
Entries 8232781
JP-T
JP-M
JP-B

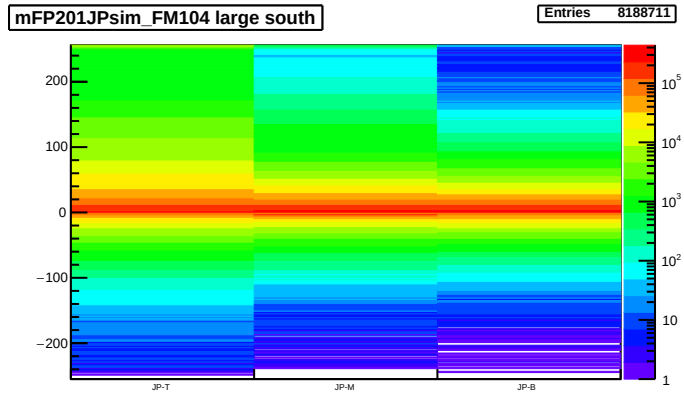

mFP201JP_FM102 small south
Entries 9000000
JP-T
JP-M
JP-B

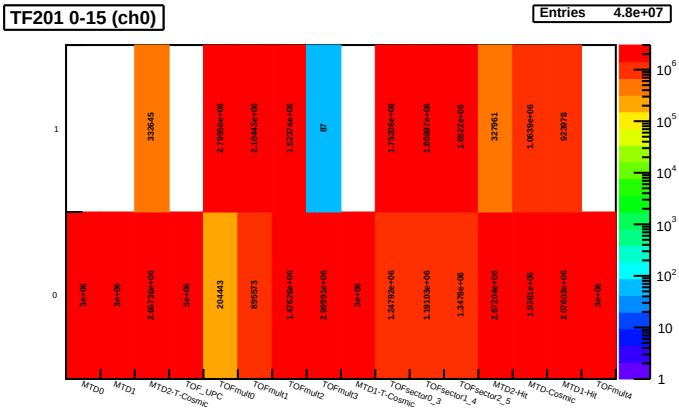

mFP201JPsim_FM102 small south
Entries 7648731
JP-T
JP-M
JP-B

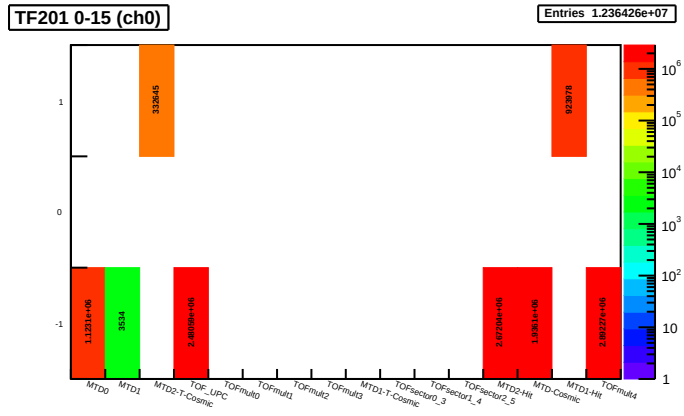

mFP201JP_FM103 large north
Entries 9000000
JP-T
JP-M
JP-B

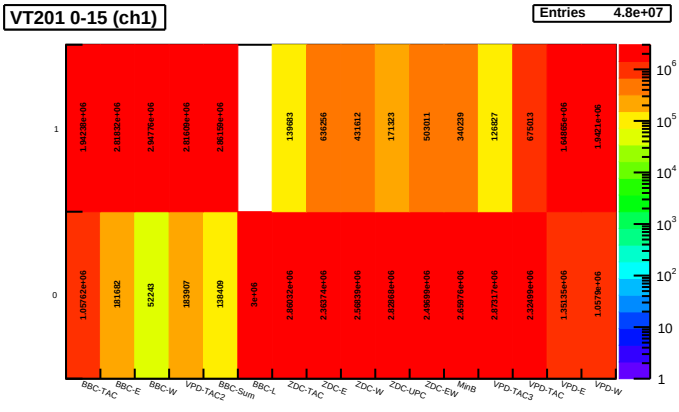

mFP201JPsim_FM103 large north
Entries 7608335
JP-T
JP-M
JP-B

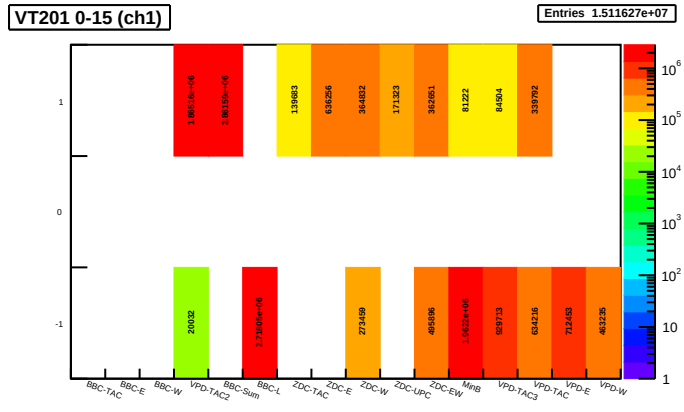

mFP201JP_FM104 large south
Entries 9000000
JP-T
JP-M
JP-B

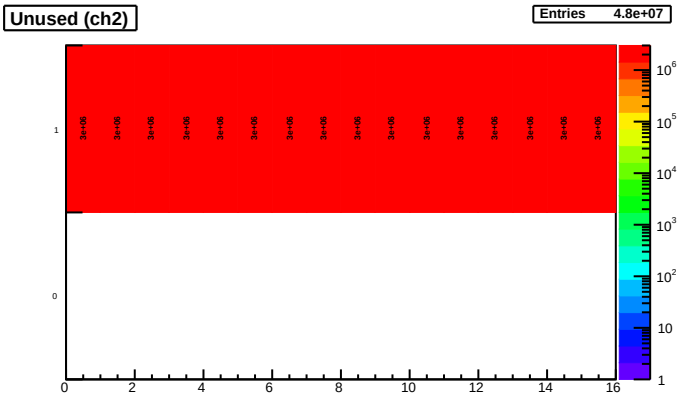

mFP201JPsim_FM104 large south
Entries 8188711
JP-T
JP-M
JP-B

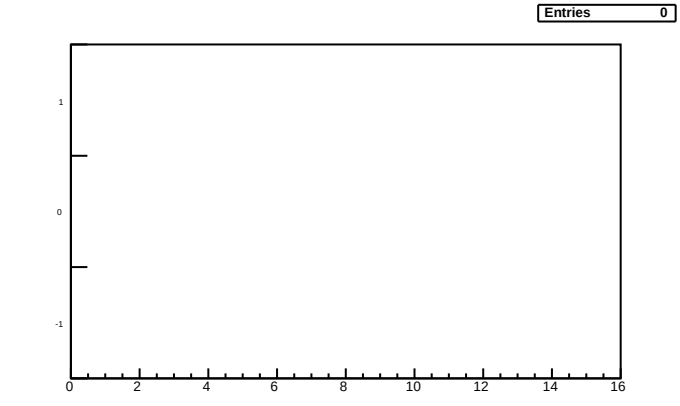

TF201 0-15 (ch0)
Entries 4.8e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

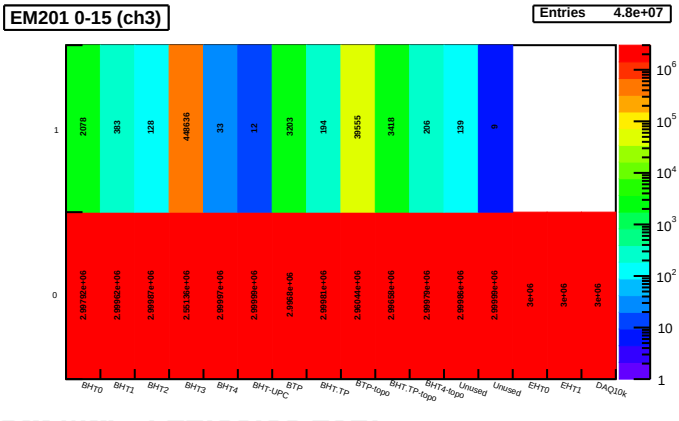

TF201 0-15 (ch0)
Entries 1.236426e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

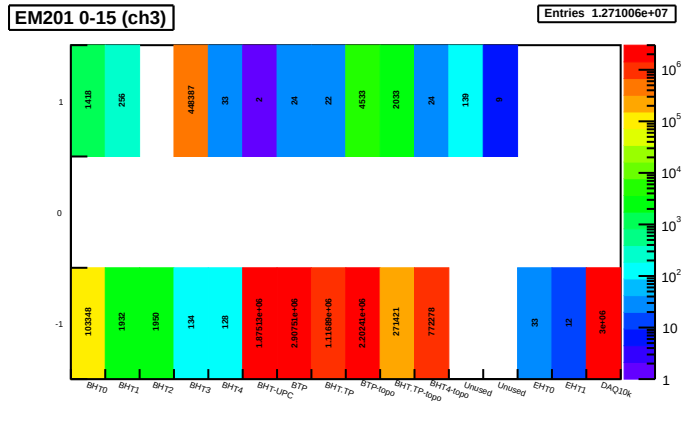

VT201 0-15 (ch1)
Entries 4.8e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

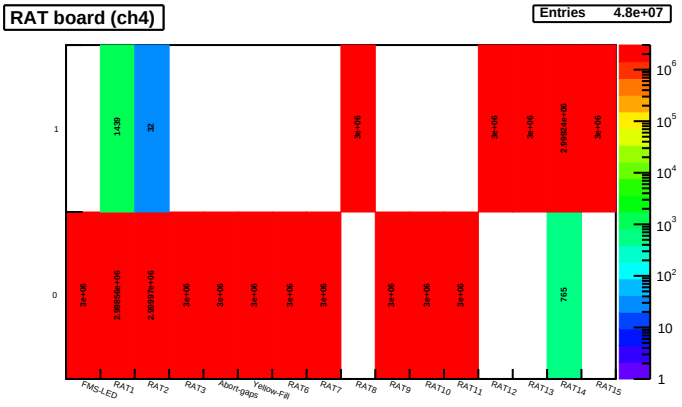

VT201 0-15 (ch1)
Entries 1.511627e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

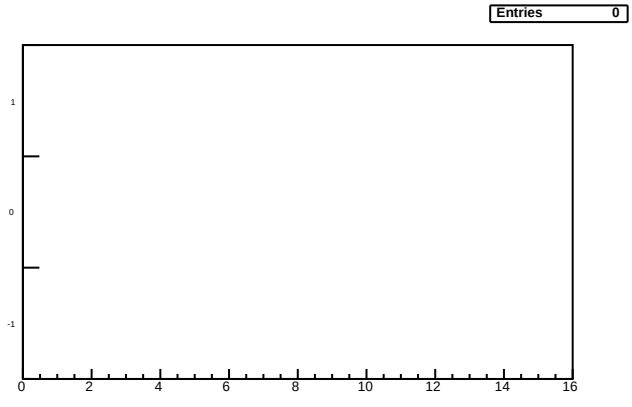

Unused (ch2)
Entries 4.8e+07

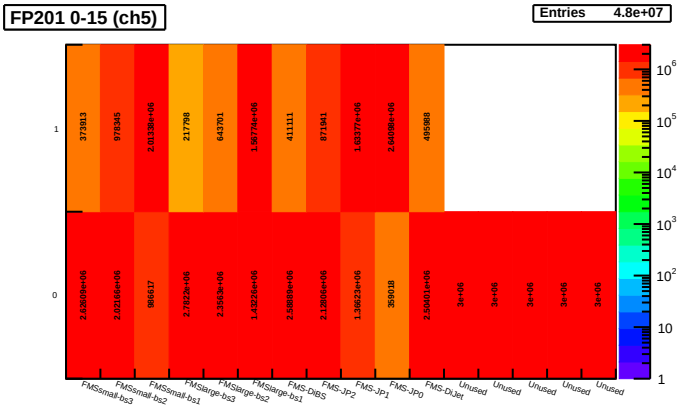

Entries 0

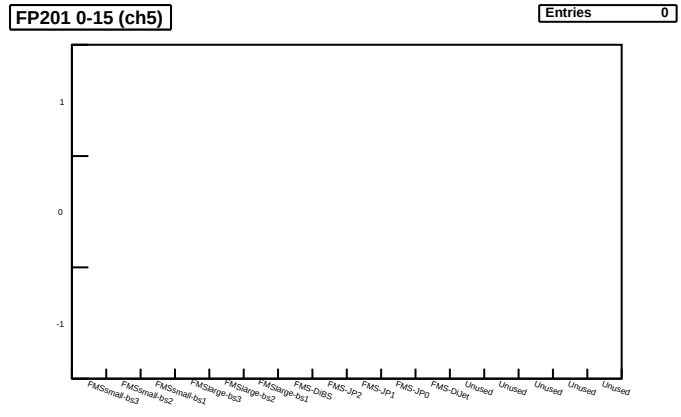

EM201 0-15 (ch3)
Entries 4.8e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

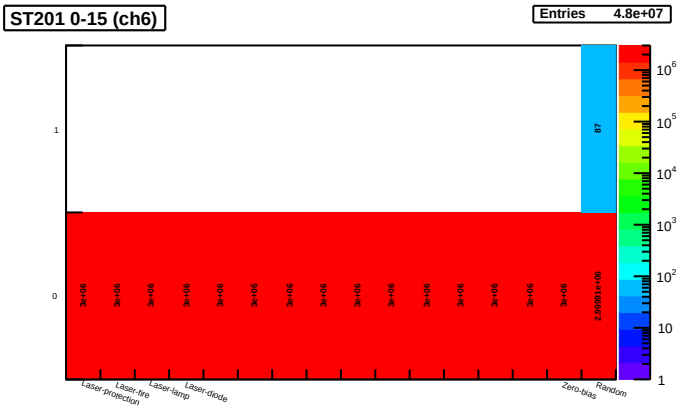

EM201 0-15 (ch3)
Entries 1.271006e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

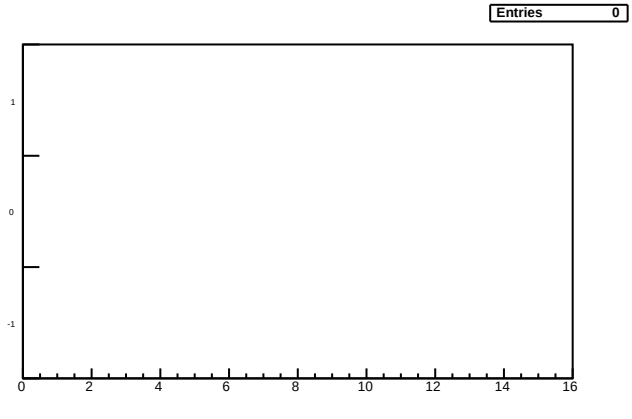

RAT board (ch4)
Entries 4.8e+07
1439
32
3e+06
3e+06
3e+06
2.99824e+06
3e+06
3e+06
2.99556e+06
2.99992e+06
3e+06
3e+06
3e+06
3e+06
3e+06
3e+06
3e+06
3e+06
765
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

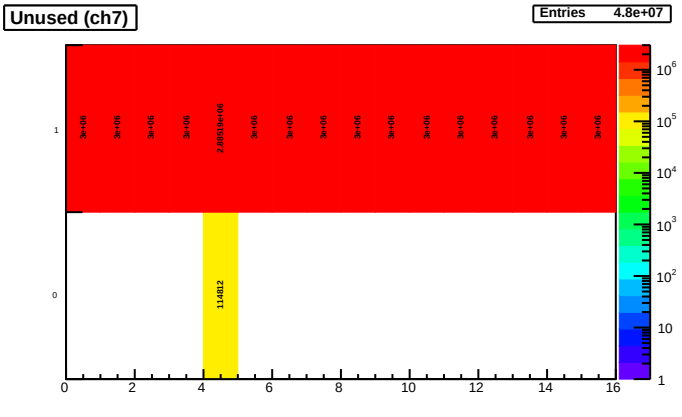

Entries 0

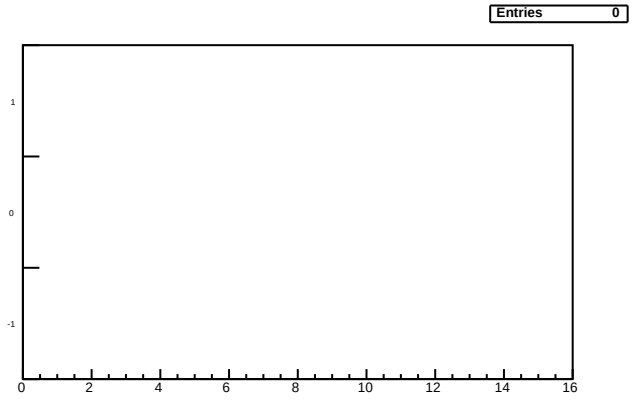

FP201 0-15 (ch5)
Entries 4.8e+07
373913
978345
2.01338e+06
217798
643701
1.56774e+06
411111
871941
1.63377e+06
2.64086e+06
495988
2.82599e+06
2.02166e+06
986617
2.7622e+06
2.33536e+06
1.43226e+06
2.58809e+06
2.12006e+06
1.36623e+06
359018
2.50401e+06
3e+06
3e+06
3e+06
3e+06
3e+06
FMSsmall-bs3
FMSsmall-bs2
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
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


ST201 0-15 (ch6)
Entries 4.8e+07
87
3e+06
2.89991e+06
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 4.8e+07
3e+06
2.88518e+06
114812


Entries 0