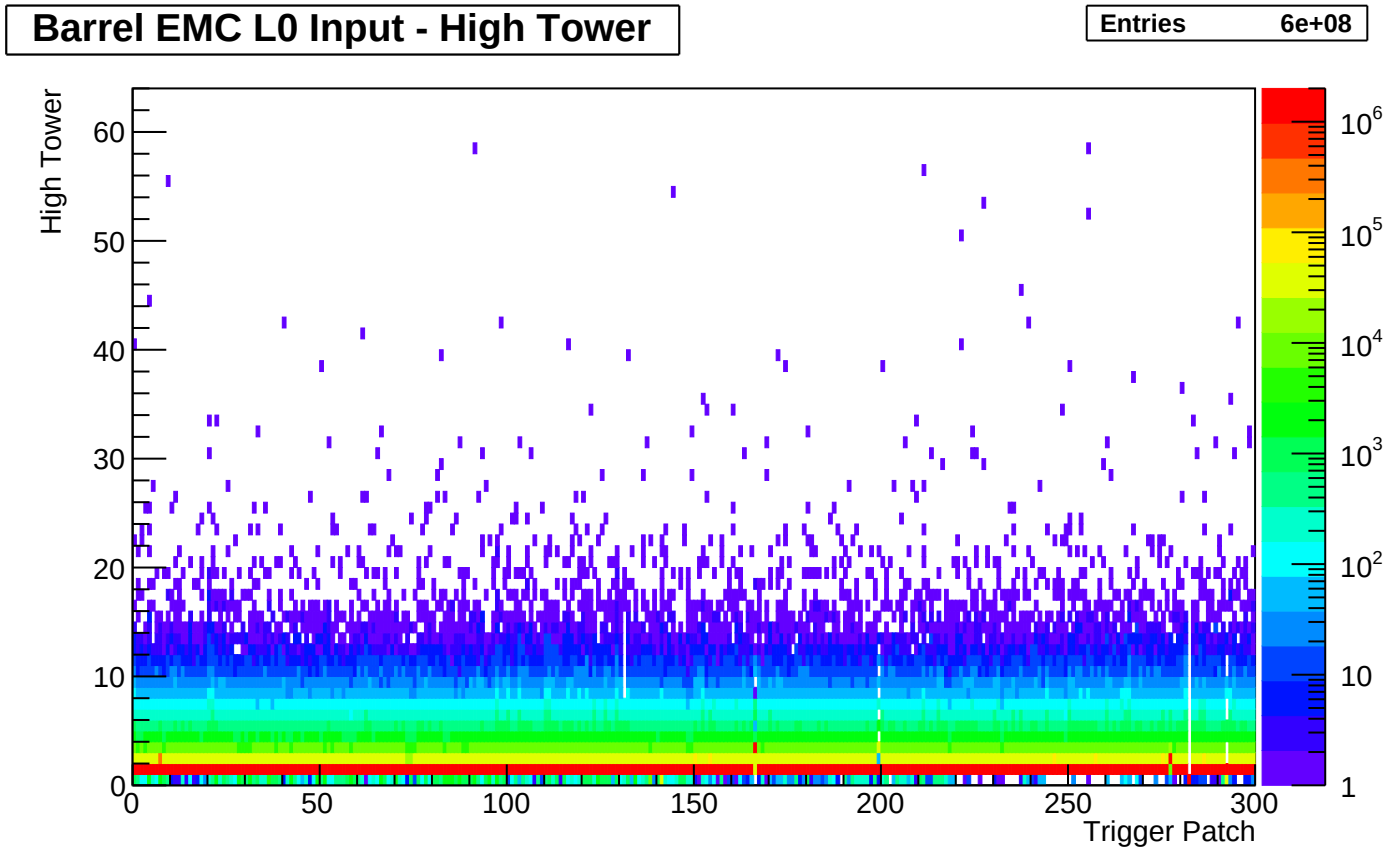
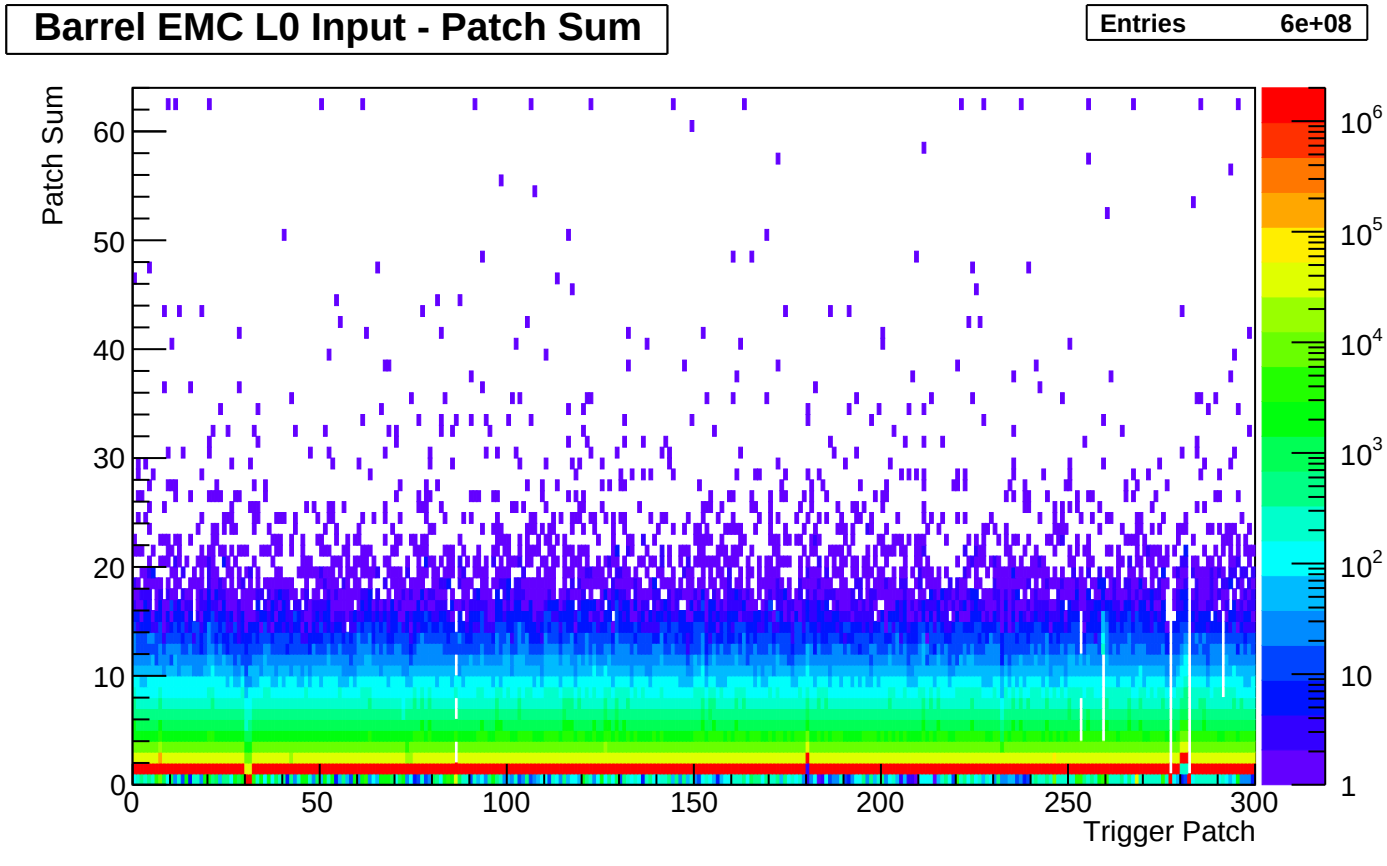
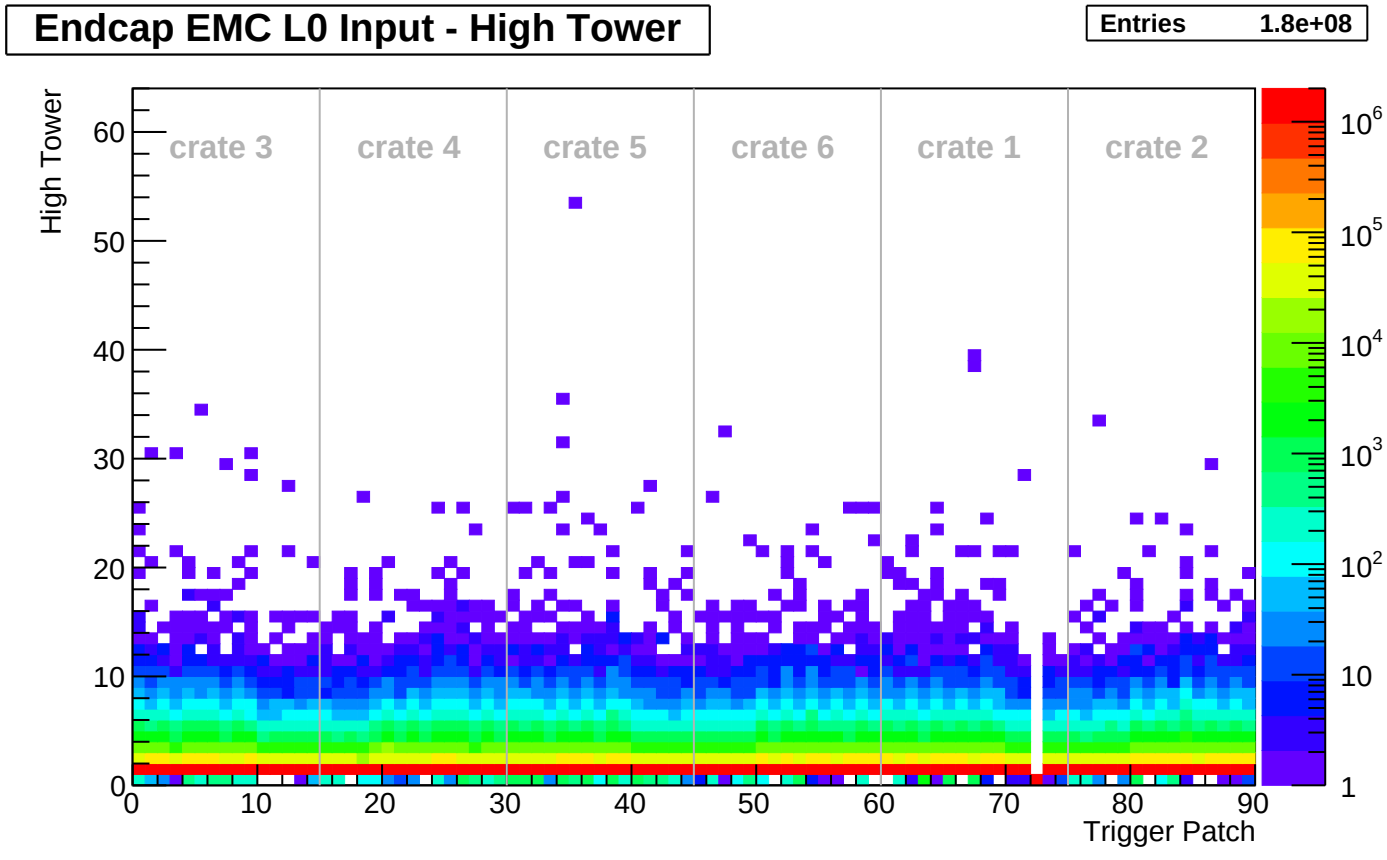
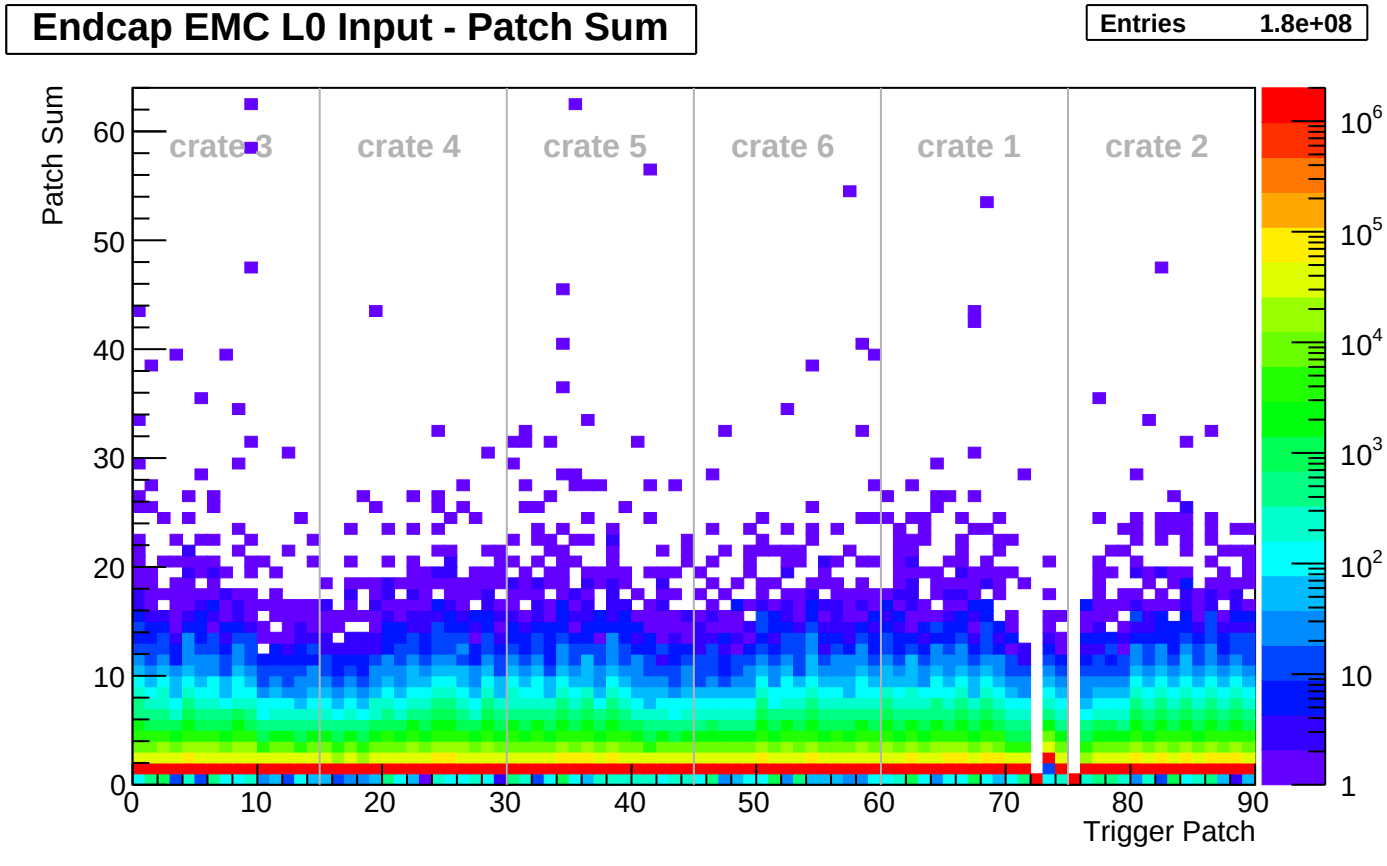
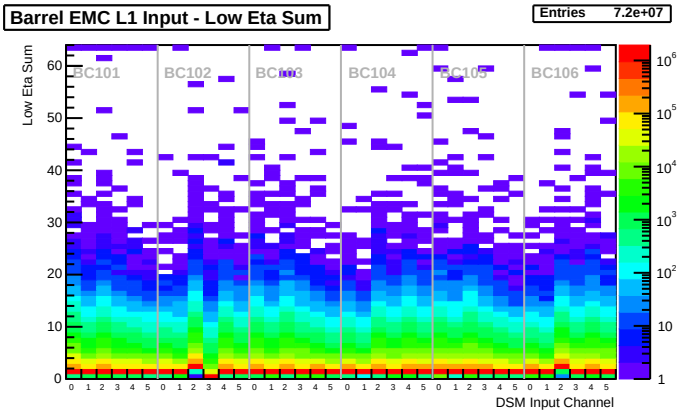
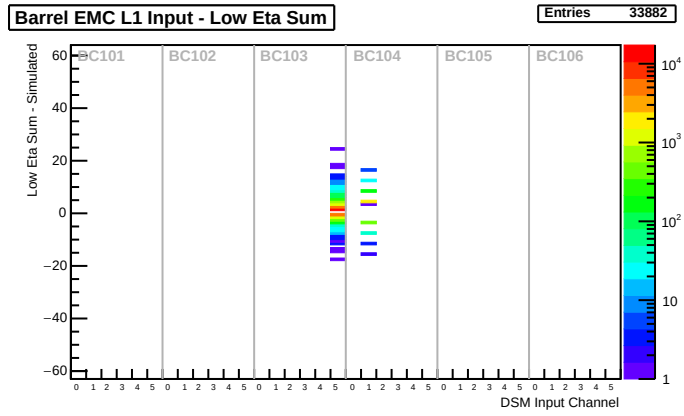

Barrel EMC L0 Input - High Tower
Entries 6e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

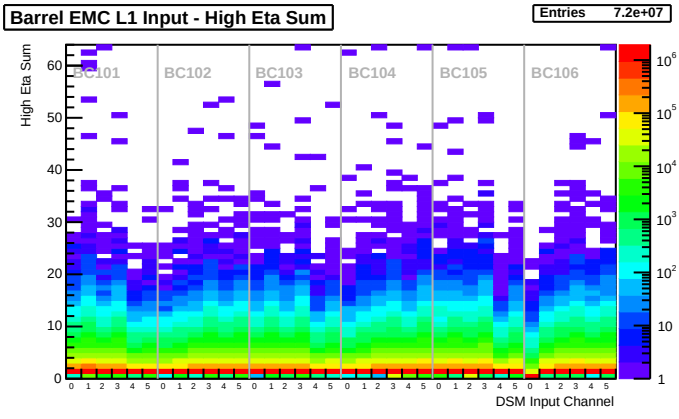

Barrel EMC L0 Input - Patch Sum
Entries 6e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

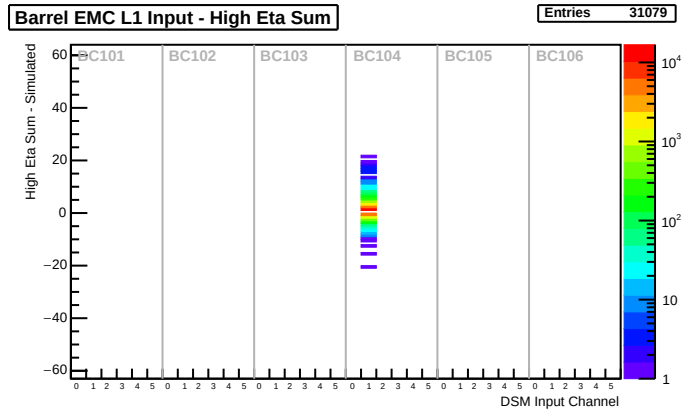

Endcap EMC L0 Input - High Tower
Entries 1.8e+08
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

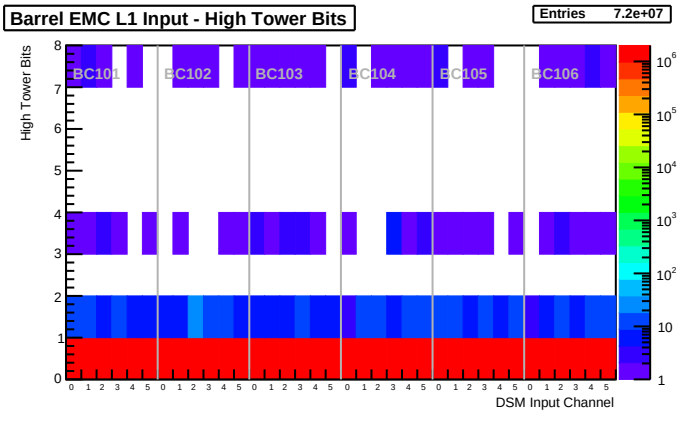

Endcap EMC L0 Input - Patch Sum
Entries 1.8e+08
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

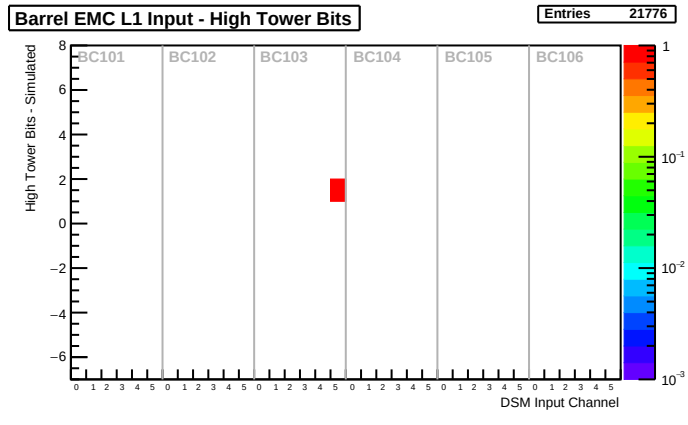

Barrel EMC L1 Input - Low Eta Sum
Entries 7.2e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

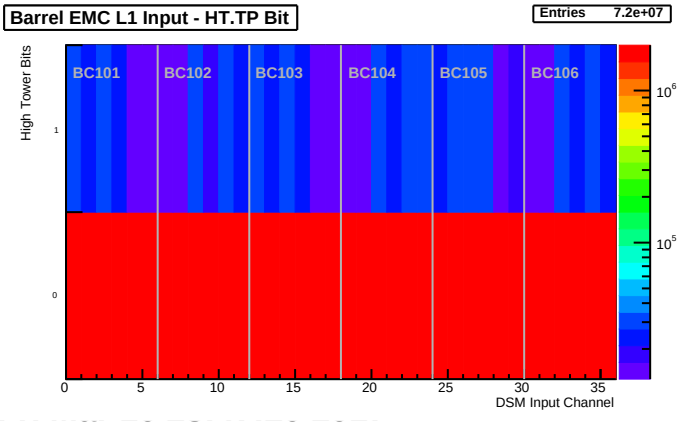

Barrel EMC L1 Input - Low Eta Sum
Entries 33882
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

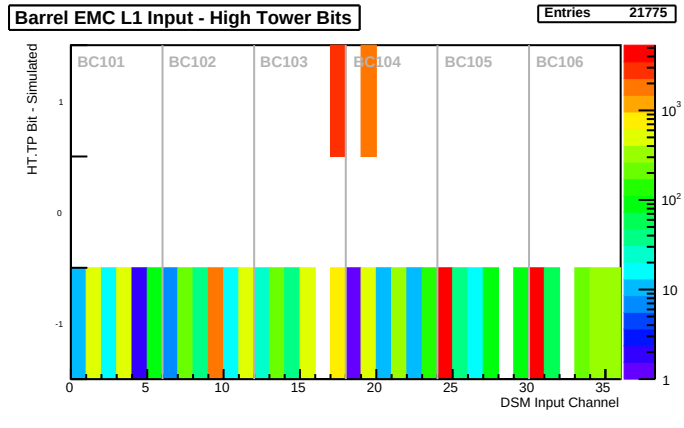

Barrel EMC L1 Input - High Eta Sum
Entries 7.2e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

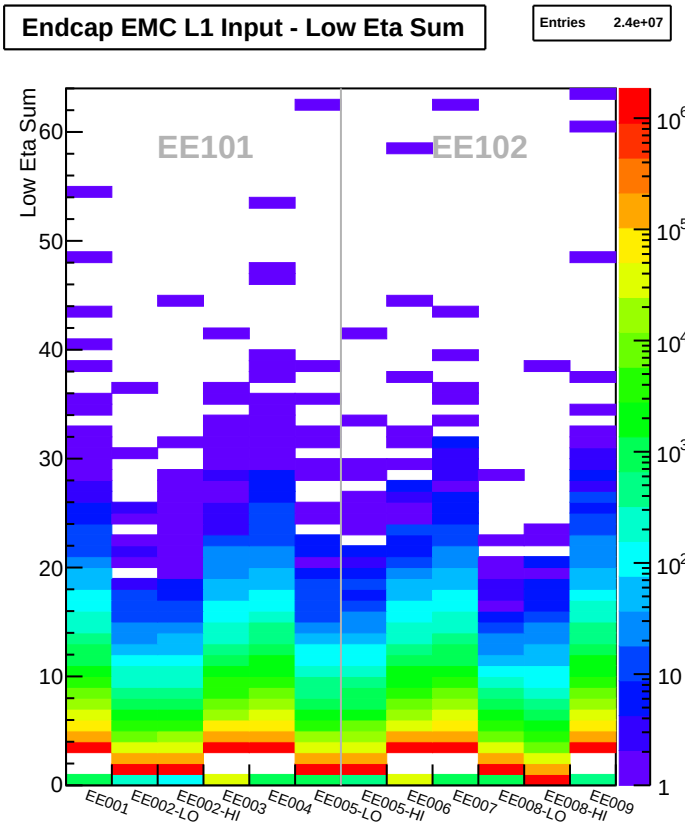

Barrel EMC L1 Input - High Eta Sum
Entries 31079
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

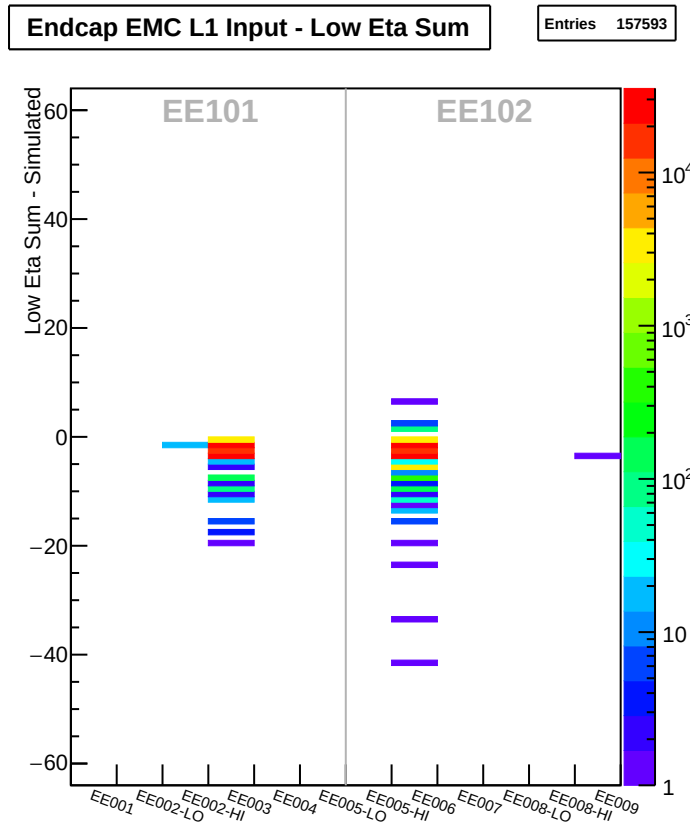

Barrel EMC L1 Input - High Tower Bits
Entries 7.2e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

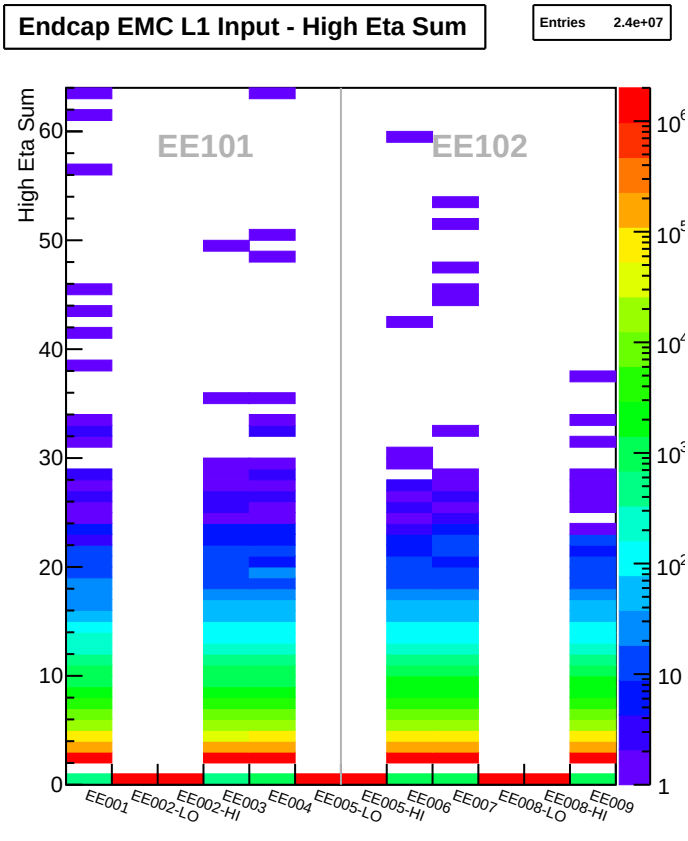

Barrel EMC L1 Input - High Tower Bits
Entries 21776
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

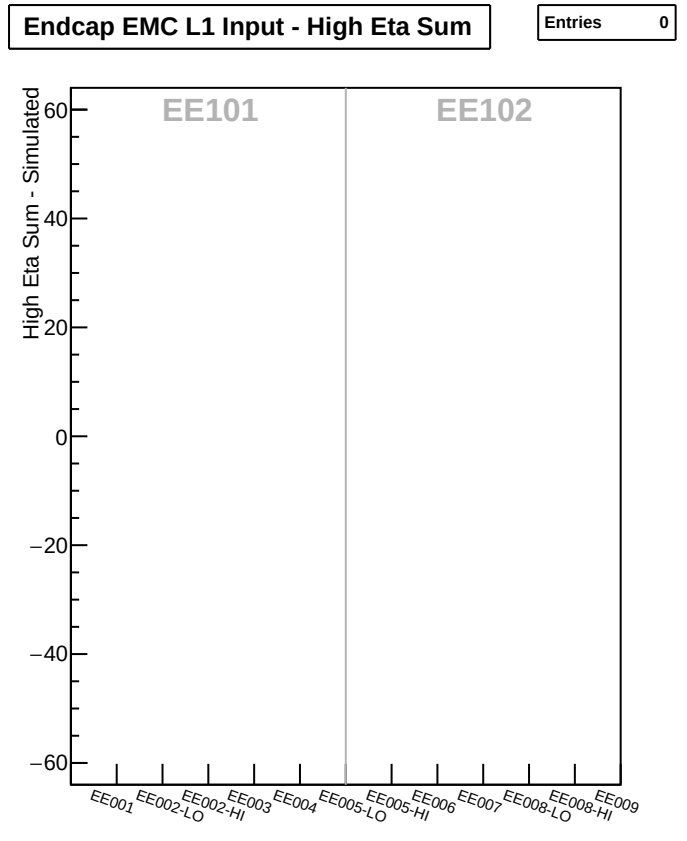

Barrel EMC L1 Input - HT.TP Bit
Entries 7.2e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

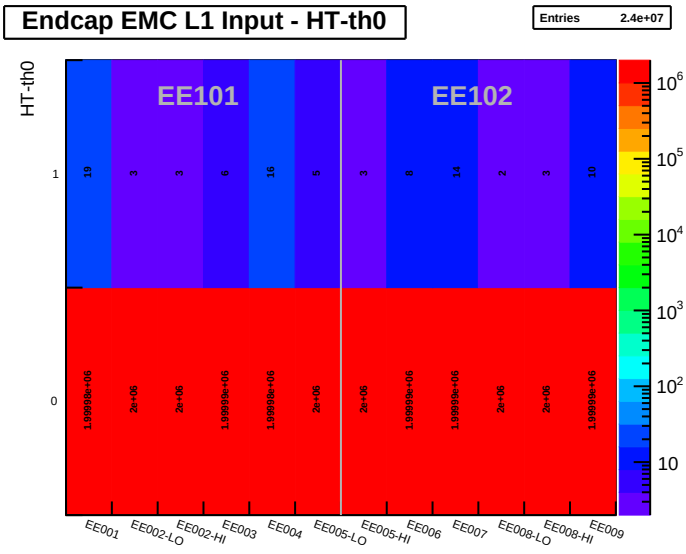

Barrel EMC L1 Input - High Tower Bits
Entries 21775
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

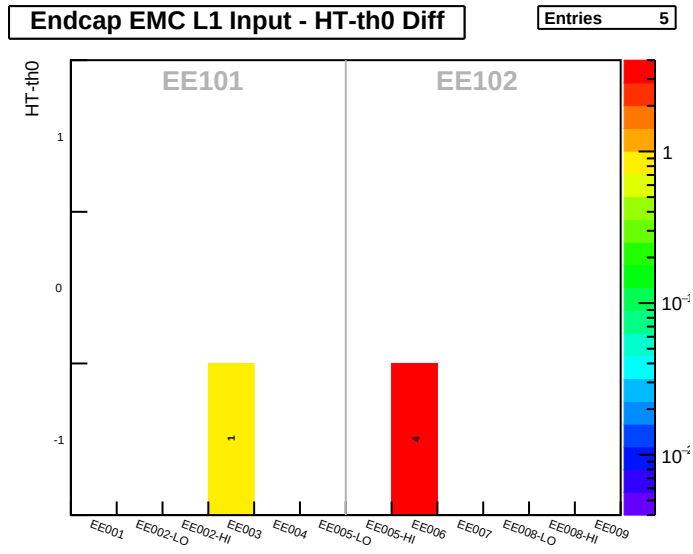

Endcap EMC L1 Input - Low Eta Sum
Entries 2.4e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

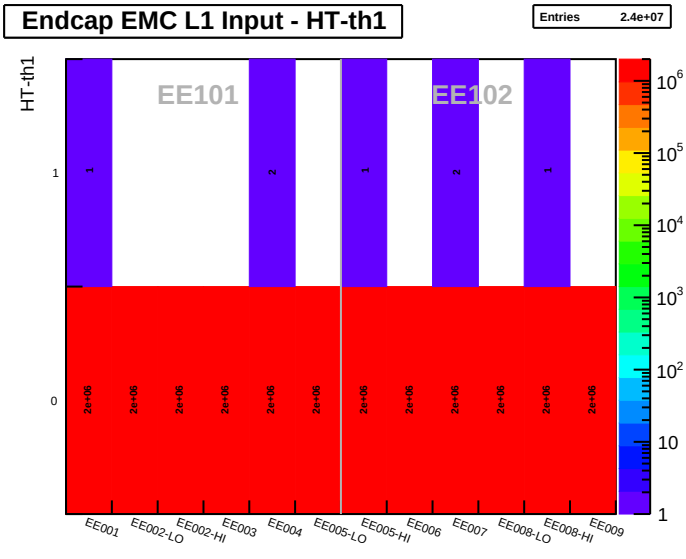

Endcap EMC L1 Input - Low Eta Sum
Entries 157593
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

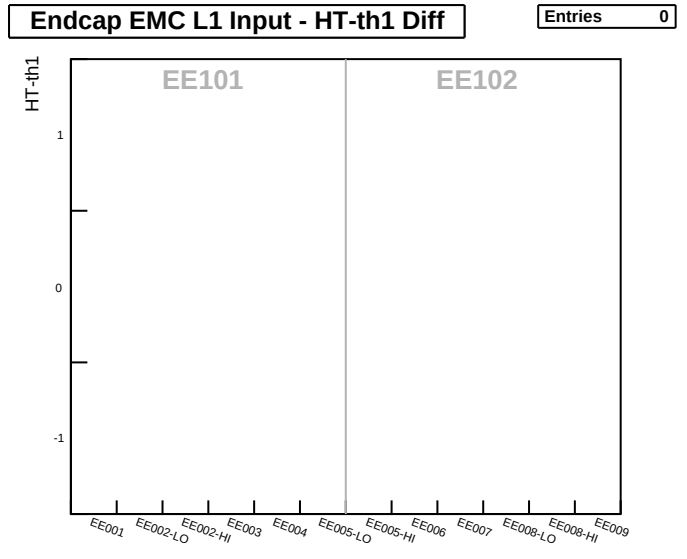

Endcap EMC L1 Input - High Eta Sum
Entries 2.4e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

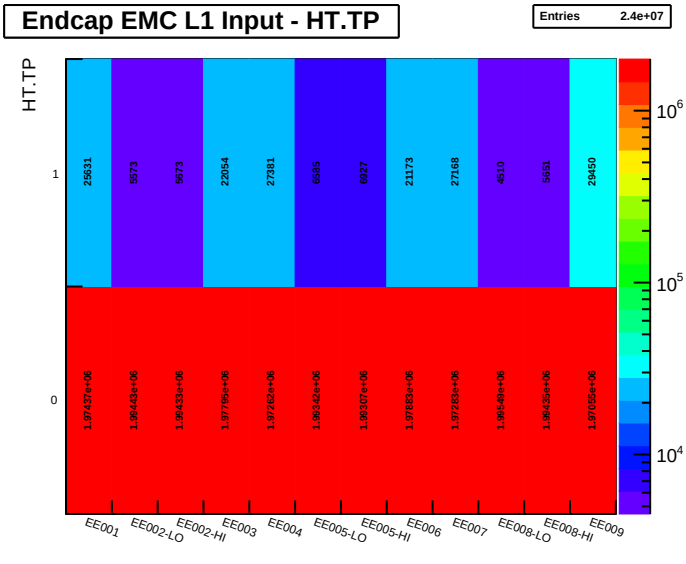

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

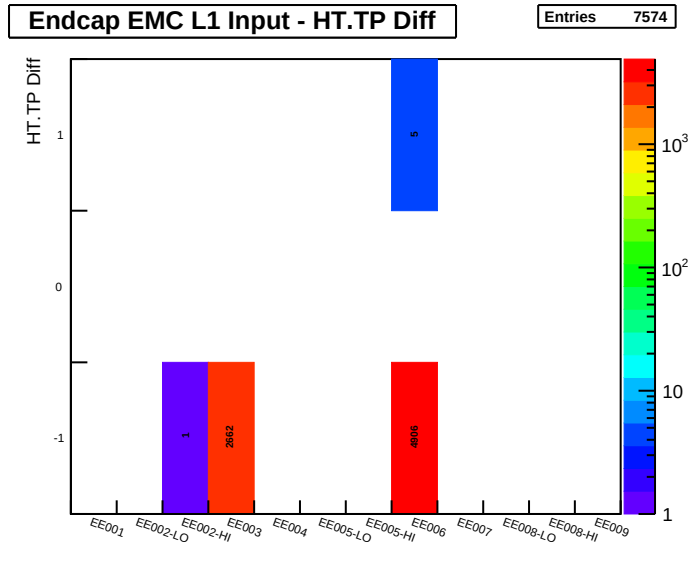

Endcap EMC L1 Input - HT-th0
Entries 2.4e+07
HT-th0
EE101
EE102
19 3 3 6 16 5 3 8 14 2 3 10
1.99998e+06 2e+06 2e+06 1.99998e+06 1.99998e+06 2e+06 2e+06 1.99998e+06 1.99998e+06 2e+06 2e+06 1.99998e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

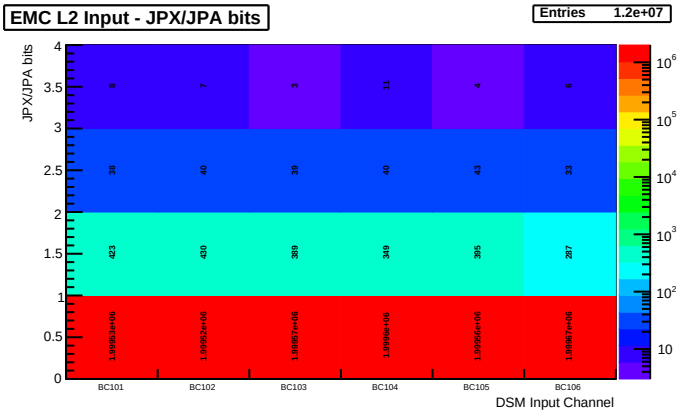

Endcap EMC L1 Input - HT-th0 Diff
Entries 5
HT-th0
EE101
EE102
1
4
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

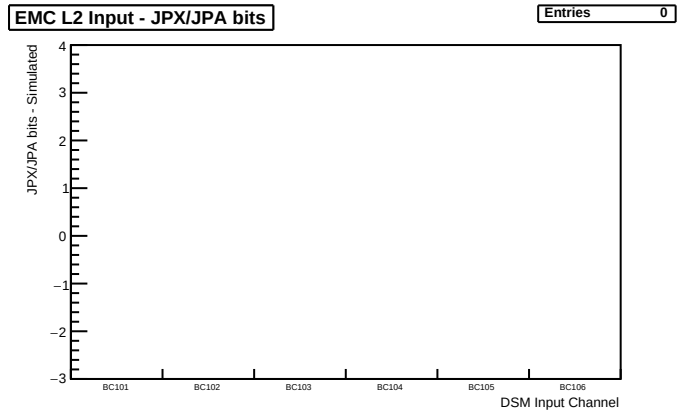

Endcap EMC L1 Input - HT-th1
Entries 2.4e+07
HT-th1
EE101
EE102
1 2 1 2 1
2e+06 2e+06 2e+06 2e+06 2e+06 2e+06 2e+06 2e+06 2e+06 2e+06 2e+06 2e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

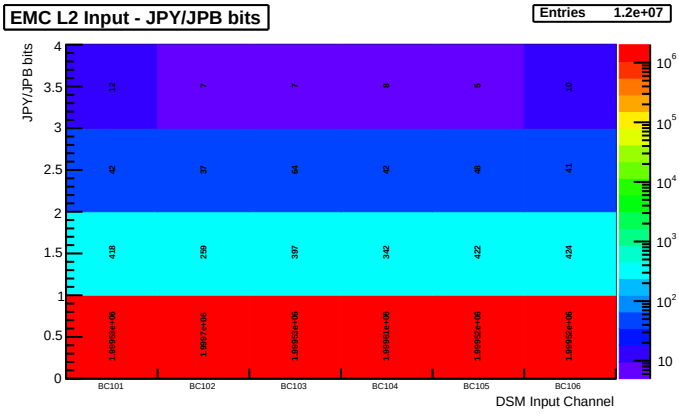

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

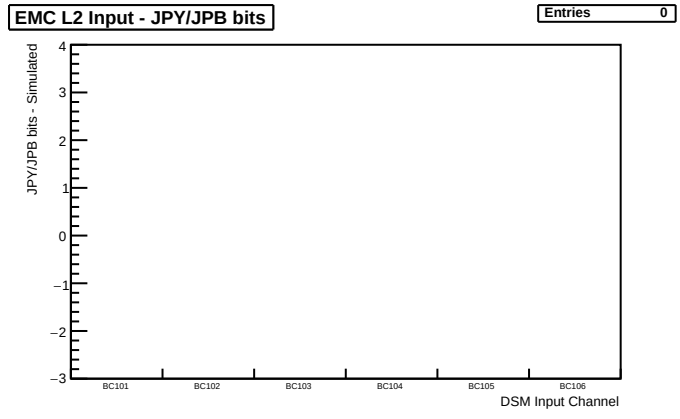

Endcap EMC L1 Input - HT.TP
Entries 2.4e+07
HT.TP
25631 5573 5673 22054 27381 6585 6827 21173 27168 4510 5651 29450
1.97437e+06 1.99443e+06 1.99433e+06 1.97795e+06 1.97262e+06 1.99342e+06 1.99307e+06 1.97883e+06 1.97283e+06 1.98548e+06 1.99435e+06 1.97055e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

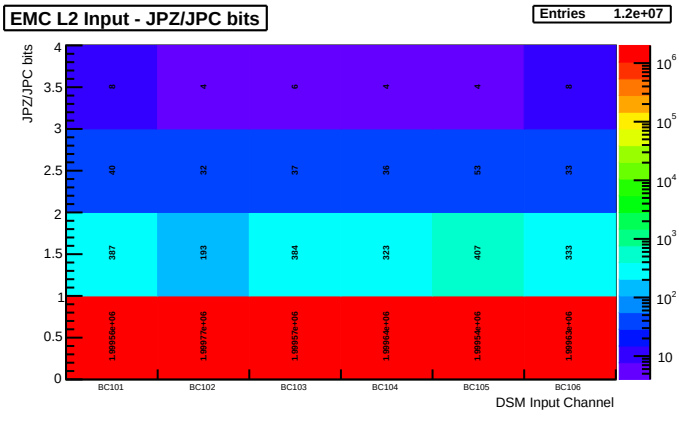

Endcap EMC L1 Input - HT.TP Diff
Entries 7574
HT.TP Diff
5
1 2562 4906
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

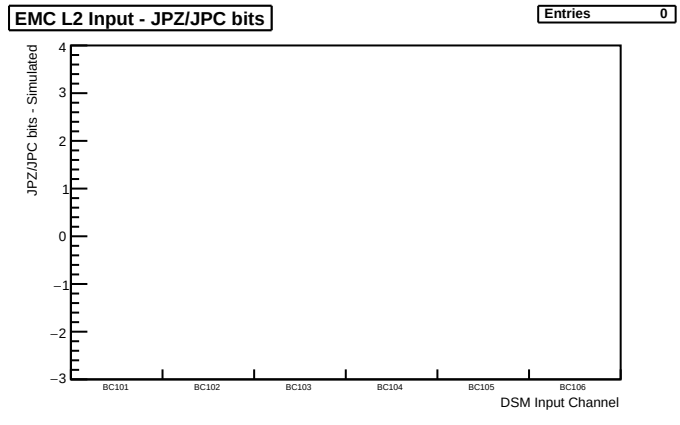

EMC L2 Input - JPX/JPA bits
Entries 1.2e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

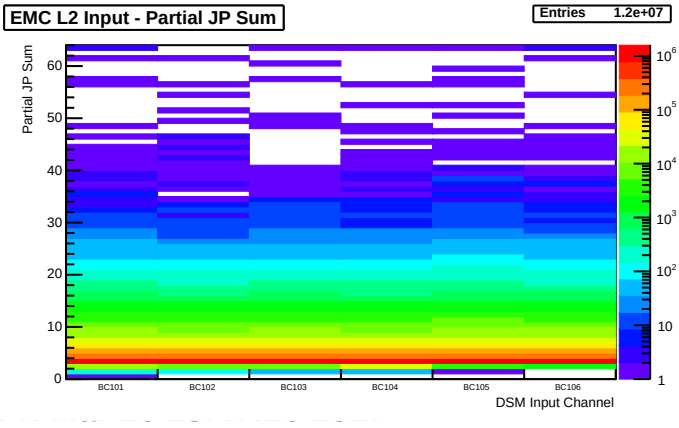

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

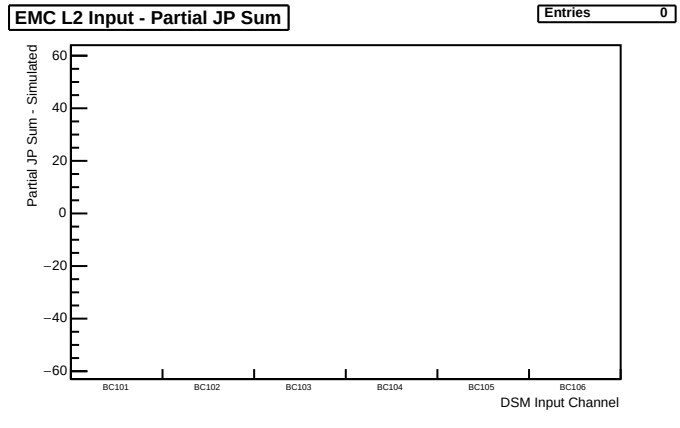

EMC L2 Input - JPY/JPB bits
Entries 1.2e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

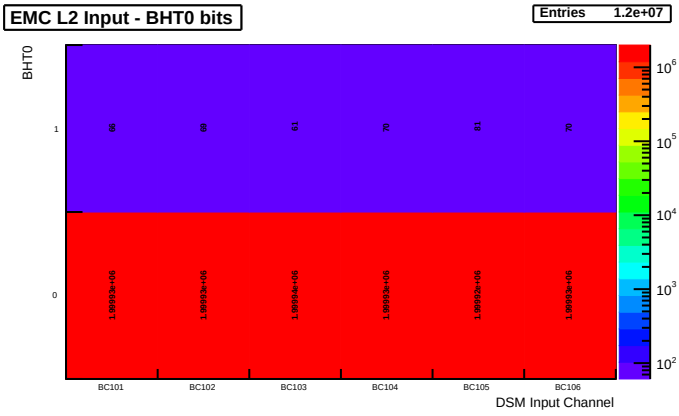

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

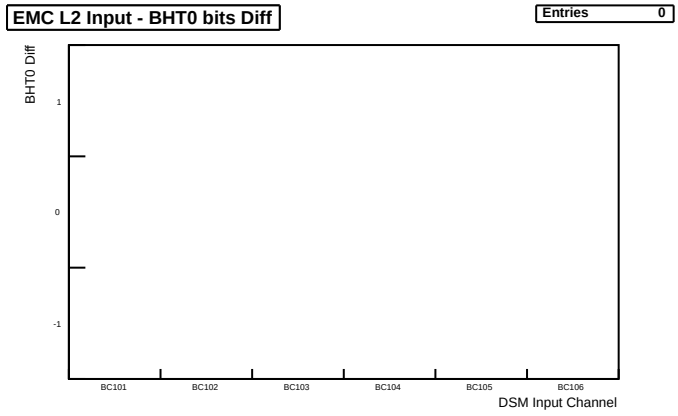

EMC L2 Input - JPZ/JPC bits
Entries 1.2e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

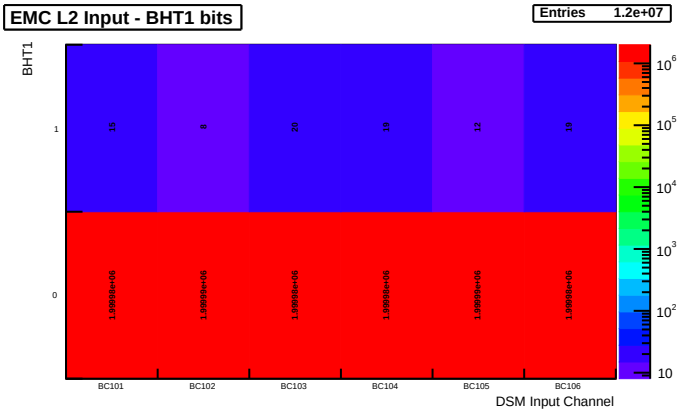

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

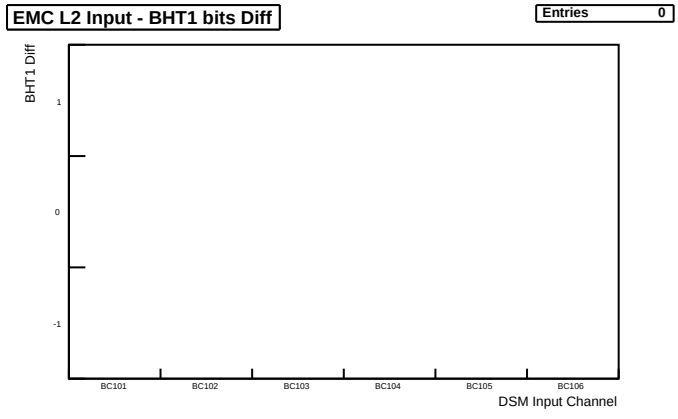

EMC L2 Input - Partial JP Sum
Entries 1.2e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

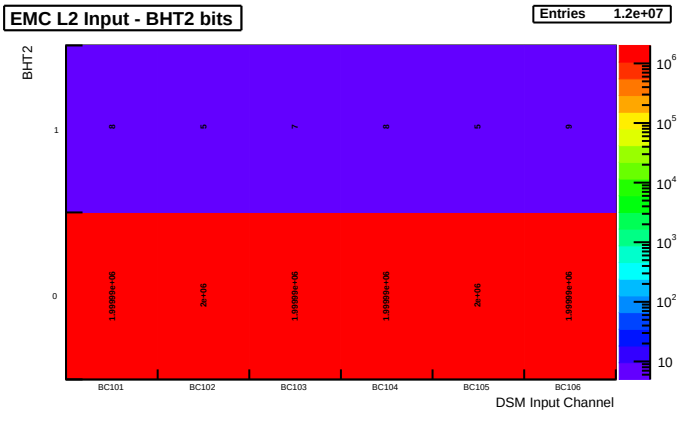

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

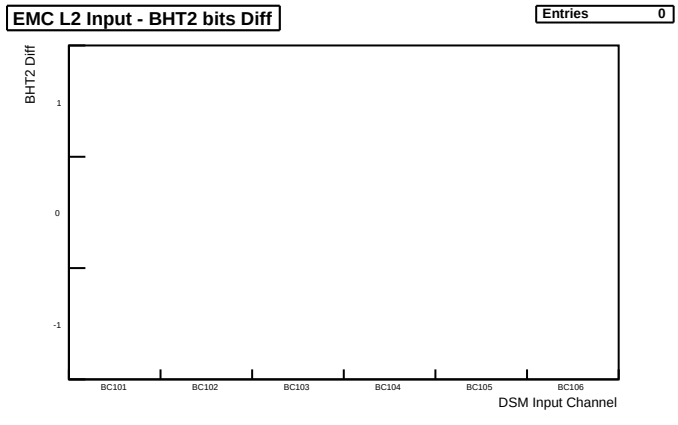

EMC L2 Input - BHT0 bits
Entries 1.2e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

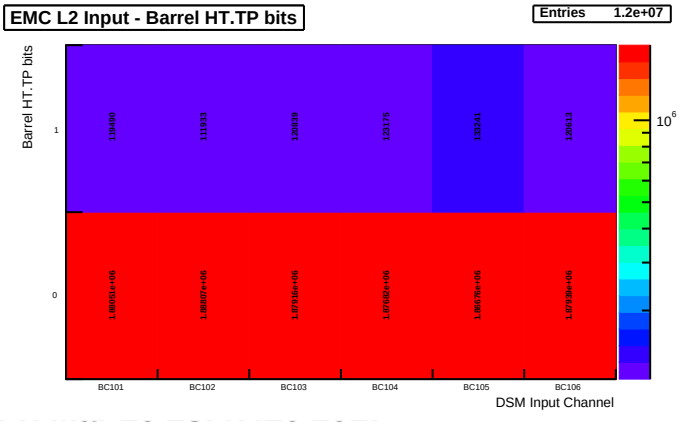

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

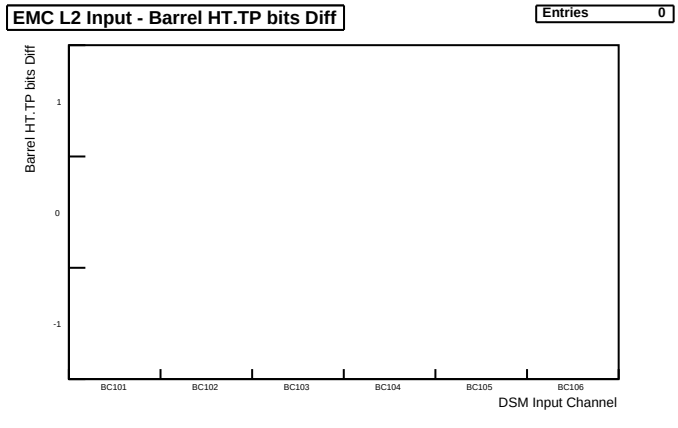

EMC L2 Input - BHT1 bits
Entries 1.2e+07
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

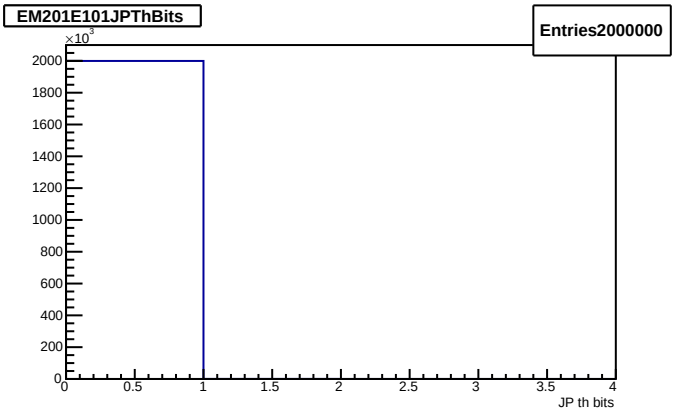

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

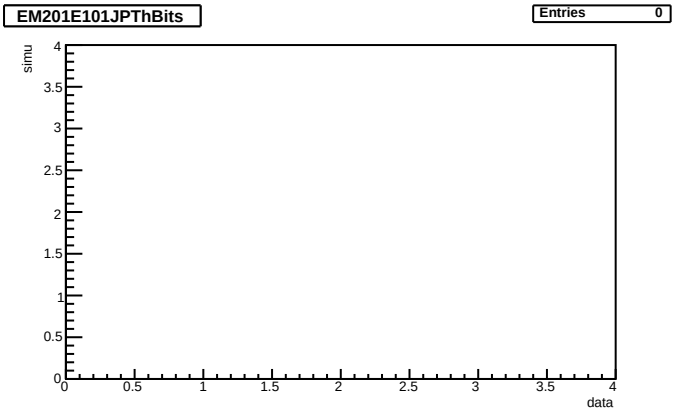

EMC L2 Input - BHT2 bits
Entries 1.2e+07
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

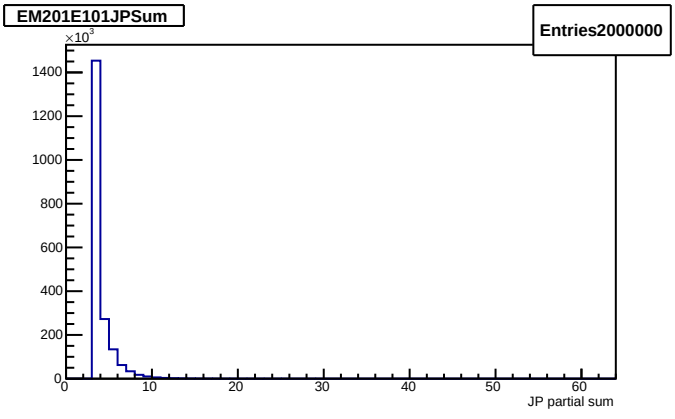

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

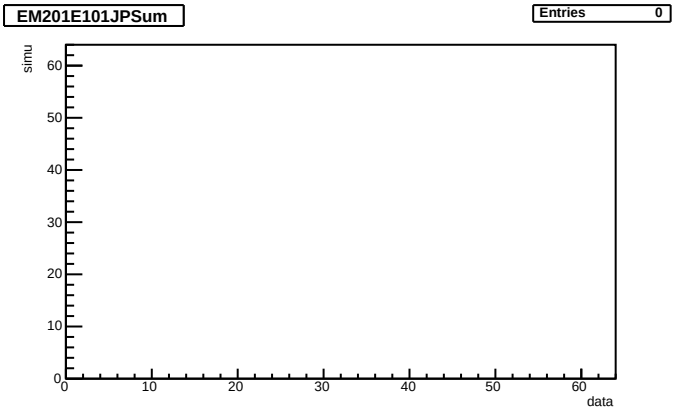

EMC L2 Input - Barrel HT.TP bits
Entries 1.2e+07
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

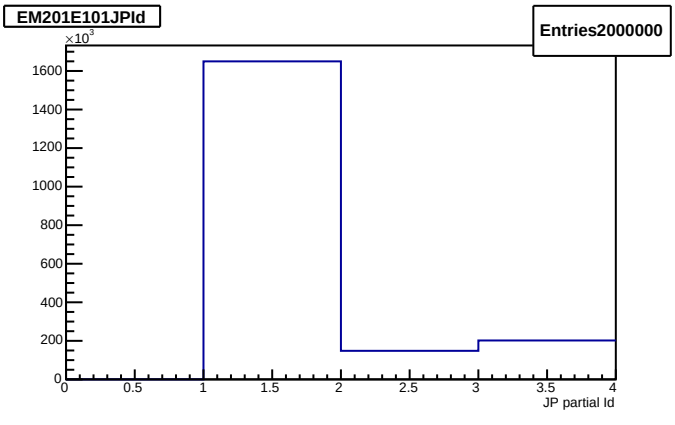

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

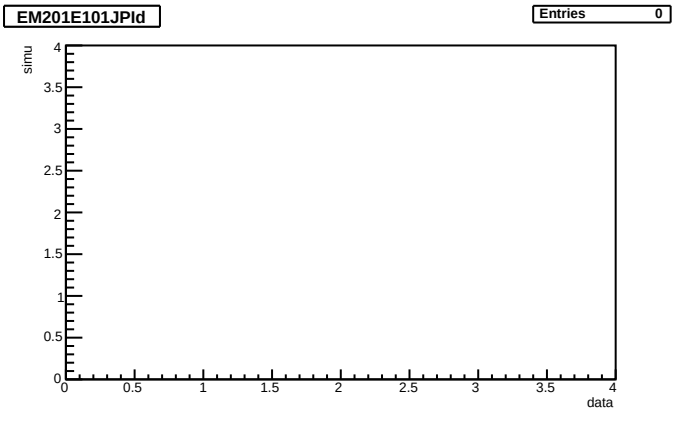

EM201E101JPThBits
Entries2000000
JP th bits

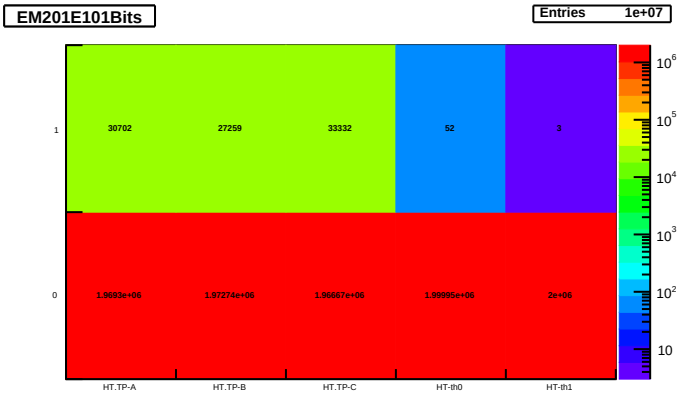

EM201E101JPThBits
Entries 0
simu
data

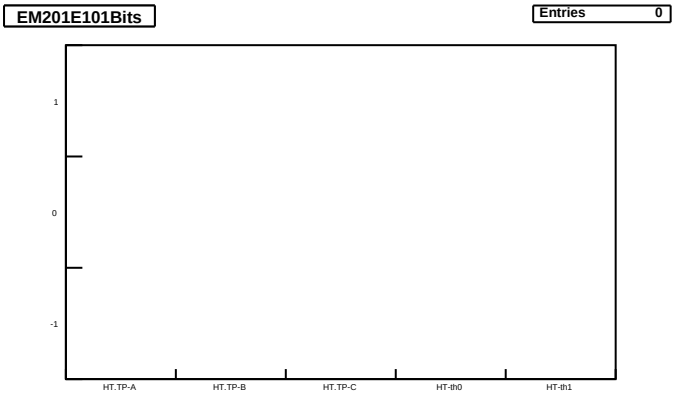

EM201E101JPSum
Entries2000000
JP partial sum

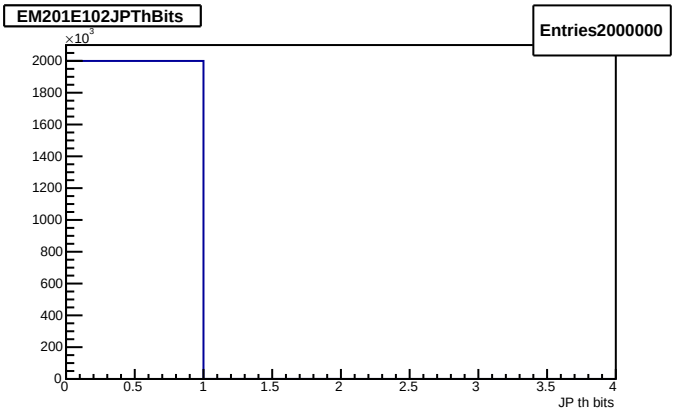

EM201E101JPSum
Entries 0
simu
data

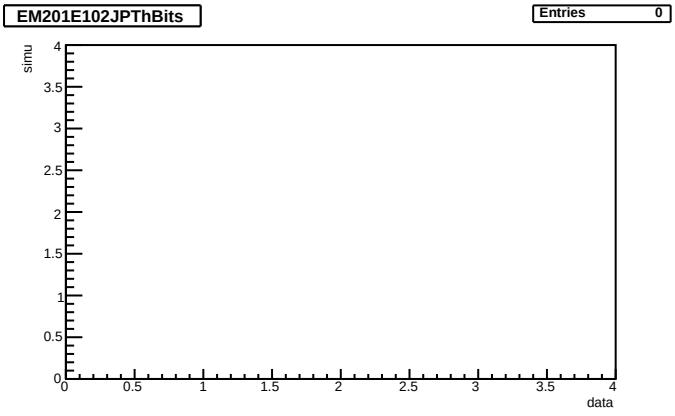

EM201E101JPId
Entries2000000
JP partial Id

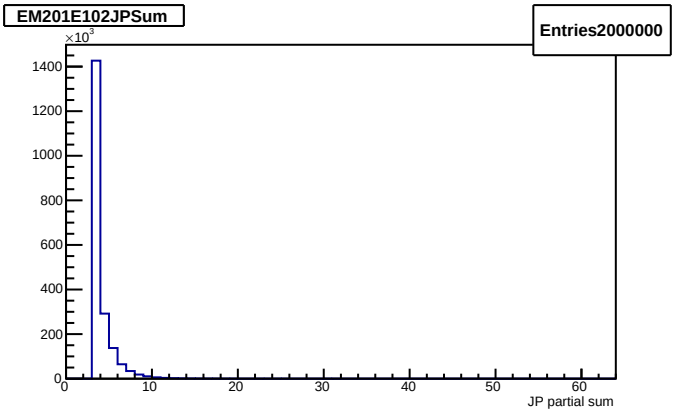

EM201E101JPId
Entries 0
simu
data

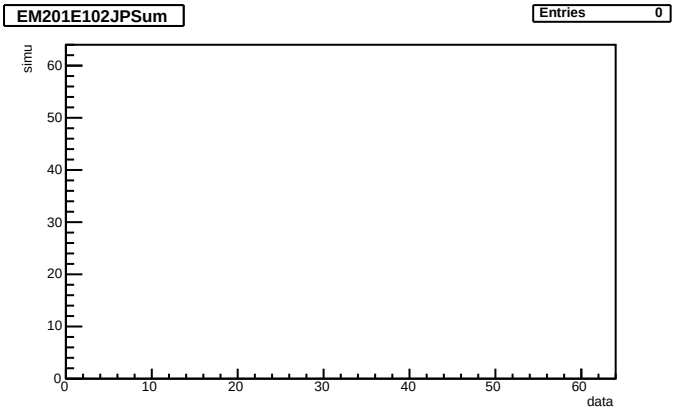

EM201E101Bits
Entries 1e+07
30702
27259
33332
52
3
1.9693e+06
1.97274e+06
1.96667e+06
1.99995e+06
2e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

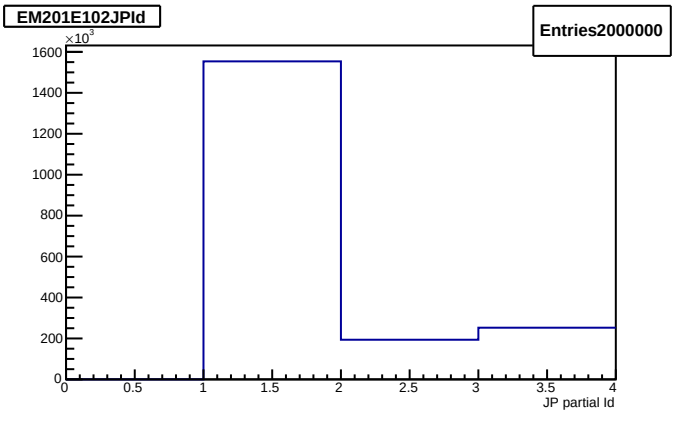

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

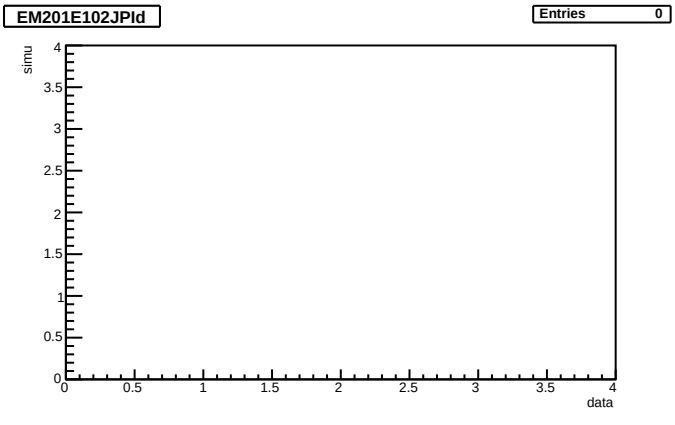

EM201E102JPThBits
Entries2000000
JP th bits

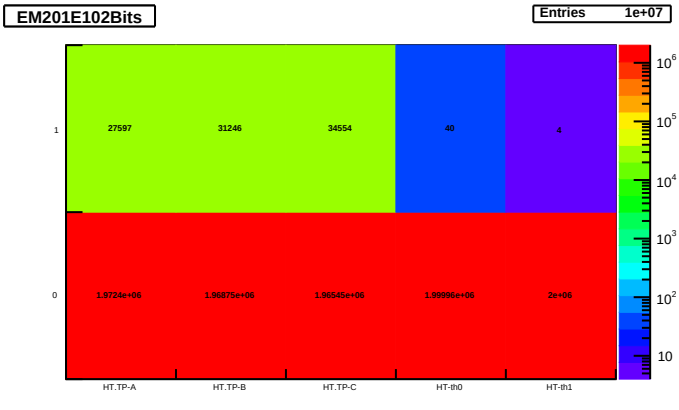

EM201E102JPThBits
Entries 0
simu
data

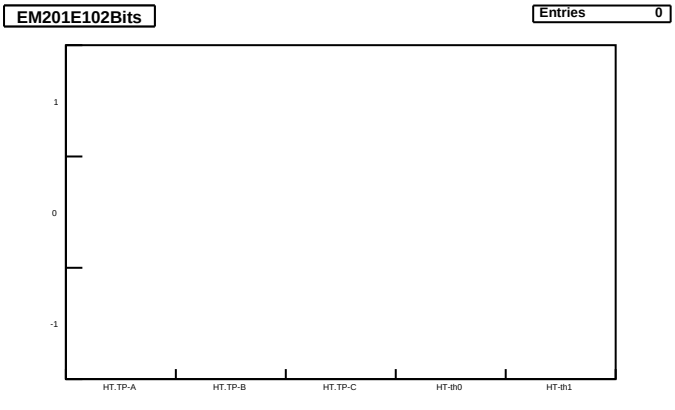

EM201E102JPSum
Entries2000000
JP partial sum

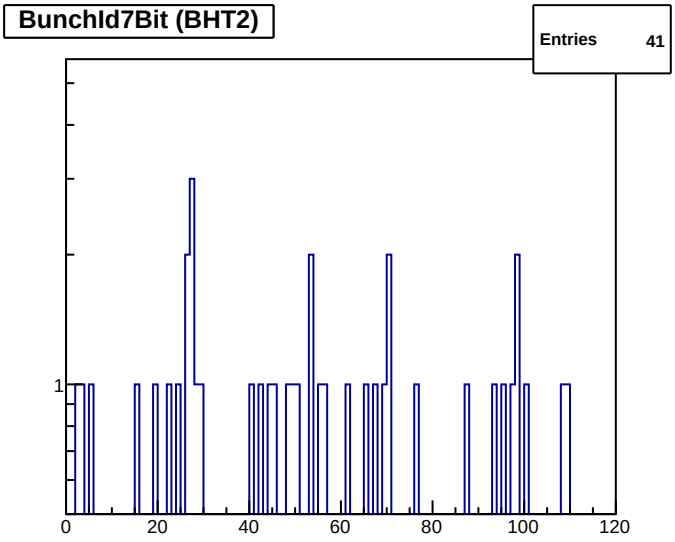

EM201E102JPSum
Entries 0
simu
data

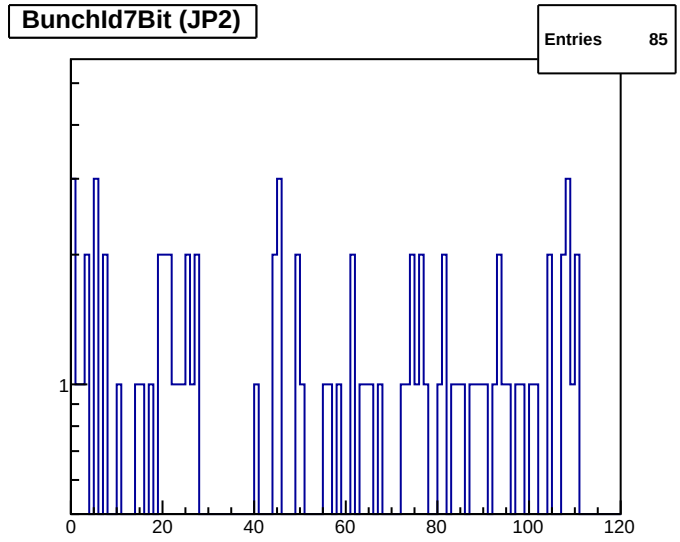

EM201E102JPId
Entries2000000
JP partial Id

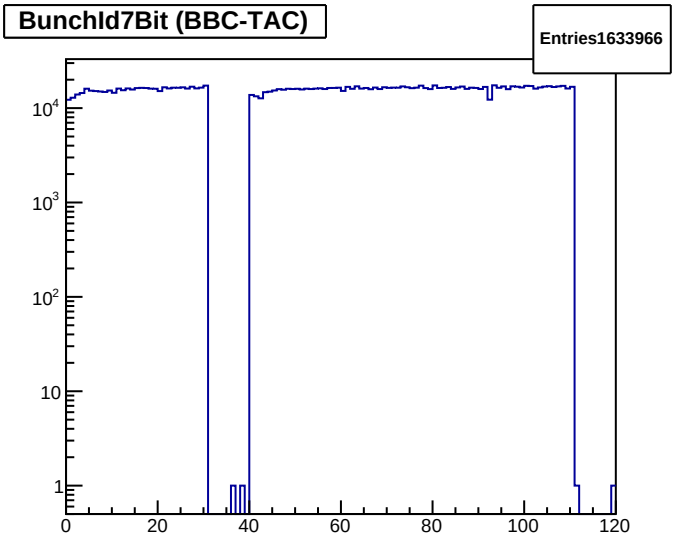

EM201E102JPId
Entries 0
simu
data

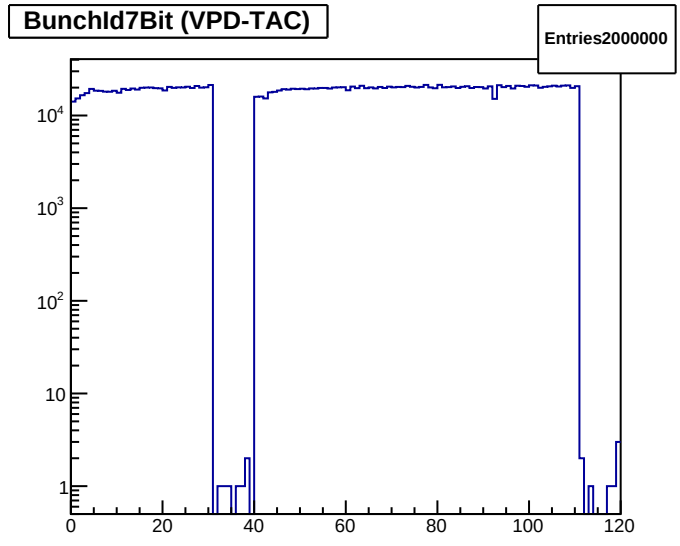

EM201E102Bits
Entries 1e+07
27597
31246
34554
40
4
1.9724e+06
1.96875e+06
1.96545e+06
1.99996e+06
2e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

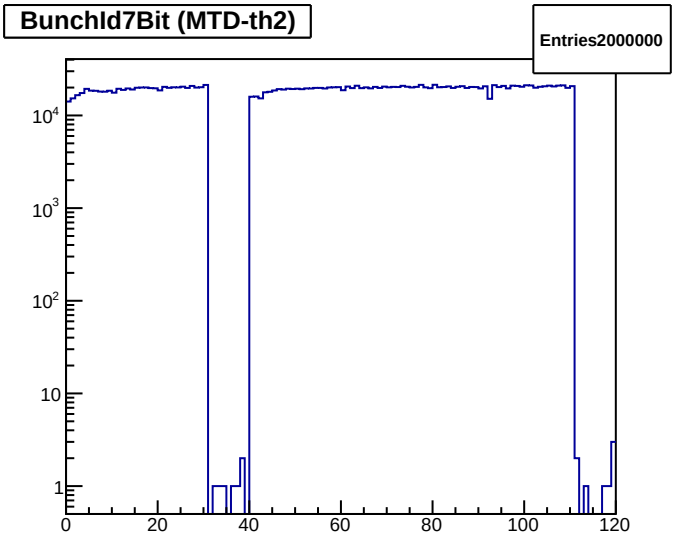

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

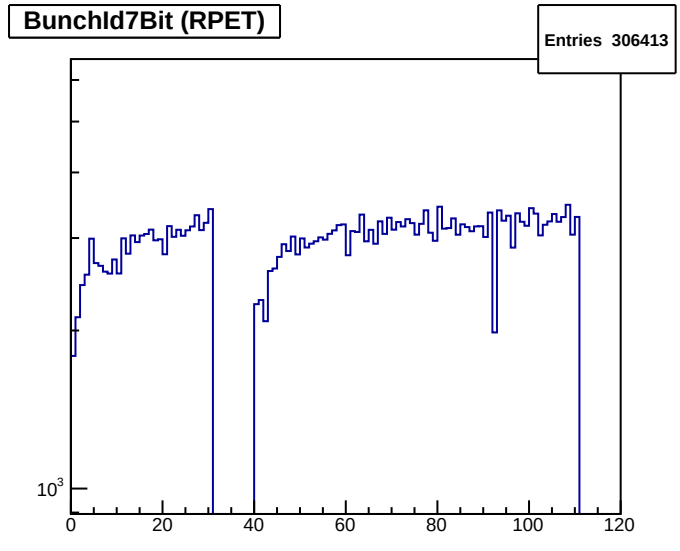

BunchId7Bit (BHT2)
Entries 41
1
0
20
40
60
80
100
120

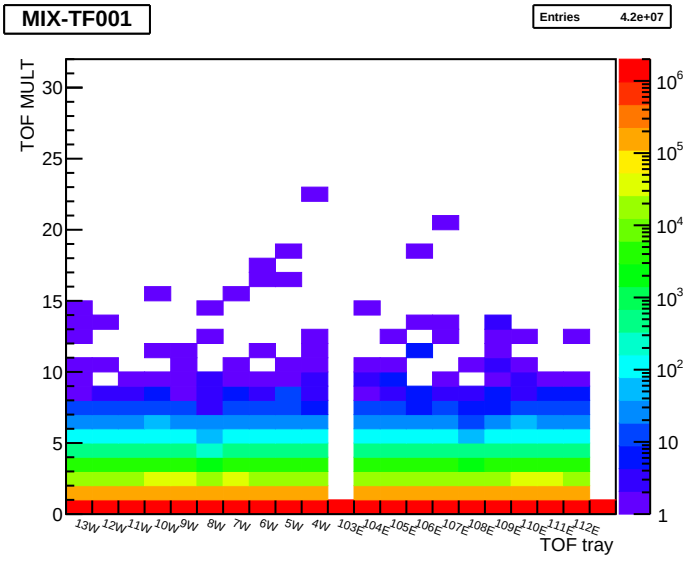

BunchId7Bit (JP2)
Entries 85
1
0
20
40
60
80
100
120

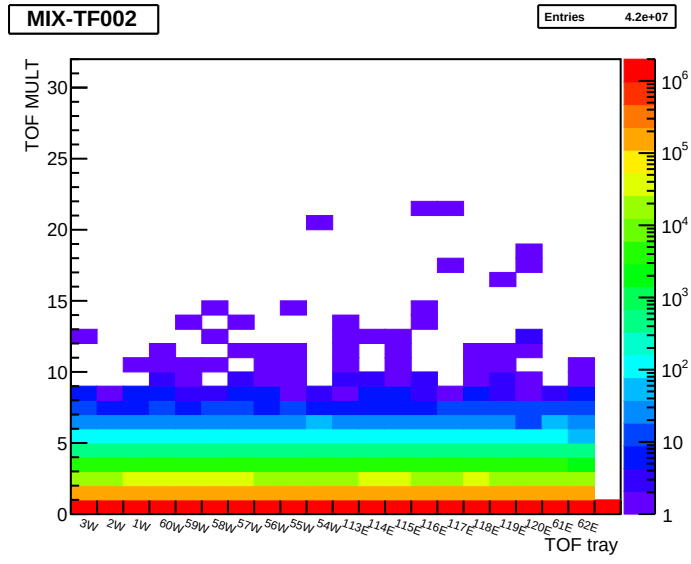

BunchId7Bit (BBC-TAC)
Entries1633966
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

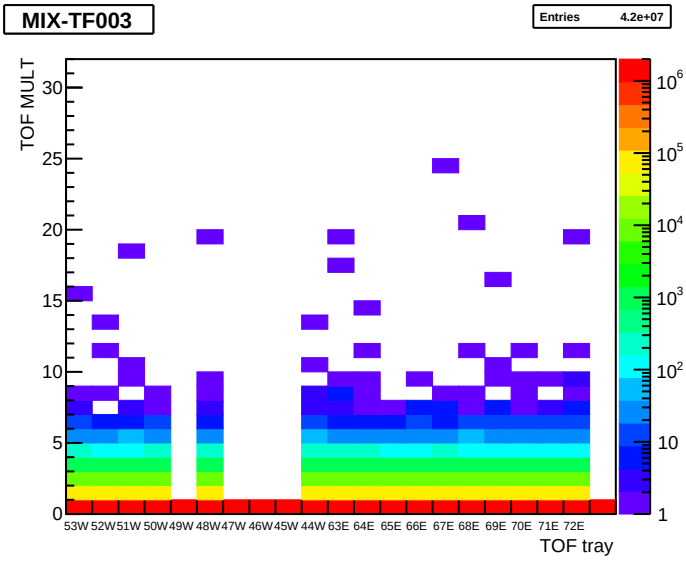

BunchId7Bit (VPD-TAC)
Entries2000000
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

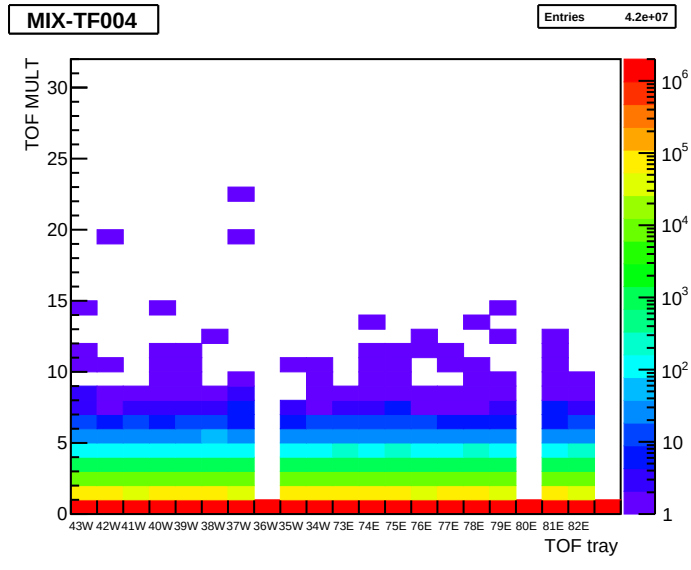

BunchId7Bit (MTD-th2)
Entries2000000
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

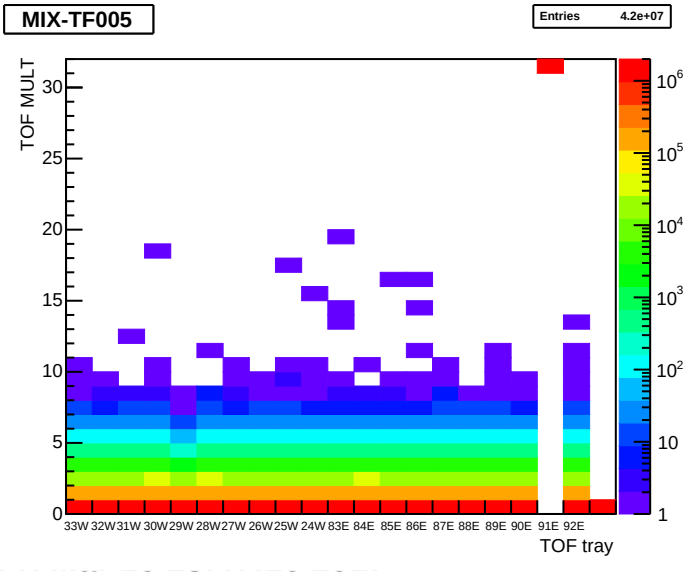

BunchId7Bit (RPET)
Entries 306413
10^3
0
20
40
60
80
100
120

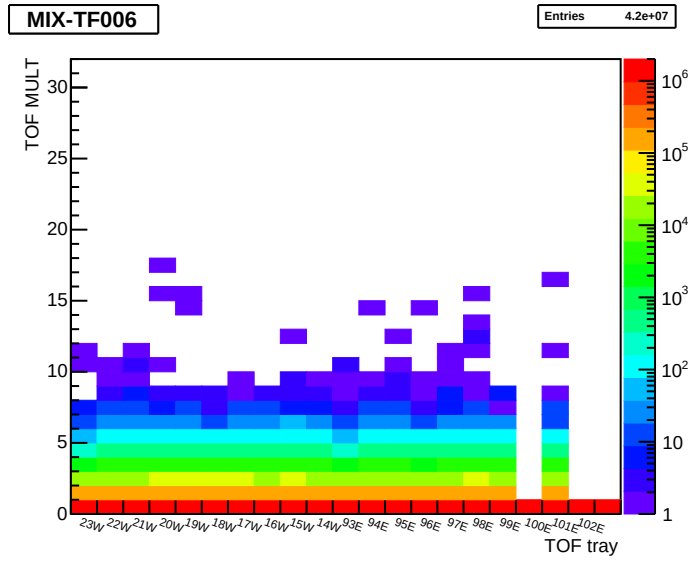

MIX-TF001
Entries 4.2e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

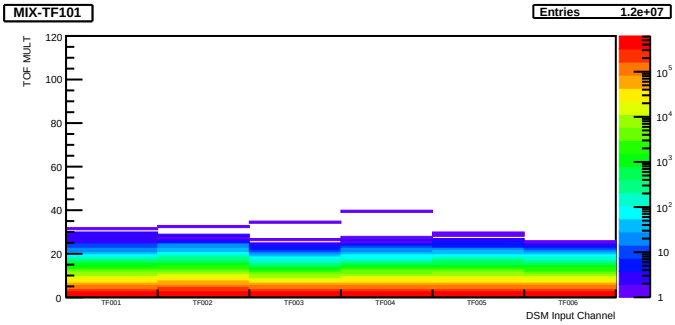

MIX-TF002
Entries 4.2e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

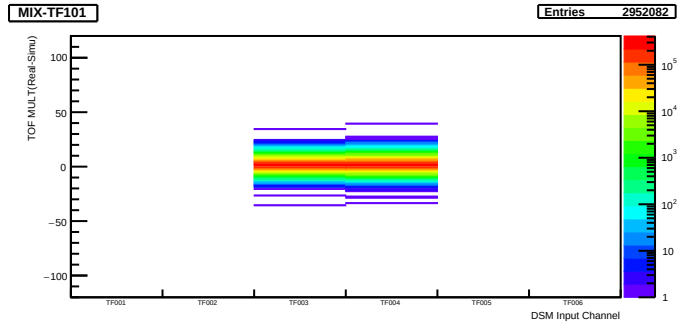

MIX-TF003
Entries 4.2e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

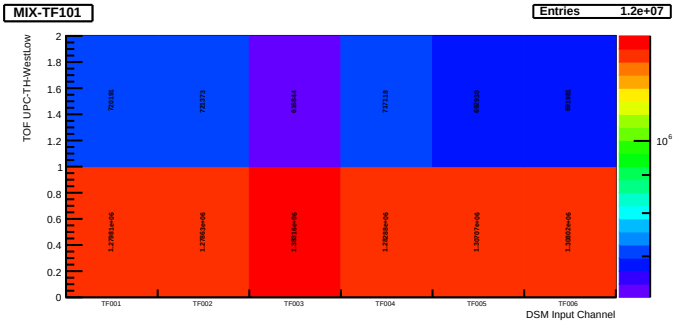

MIX-TF004
Entries 4.2e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

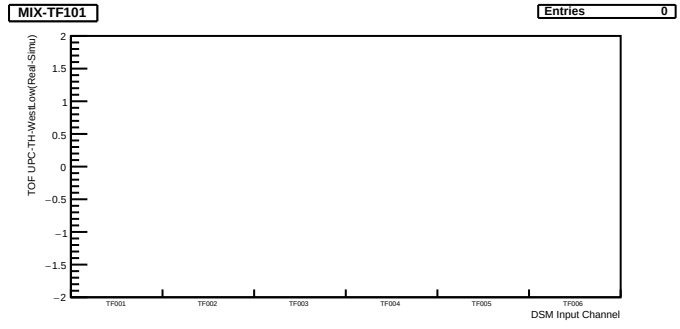

MIX-TF005
Entries 4.2e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

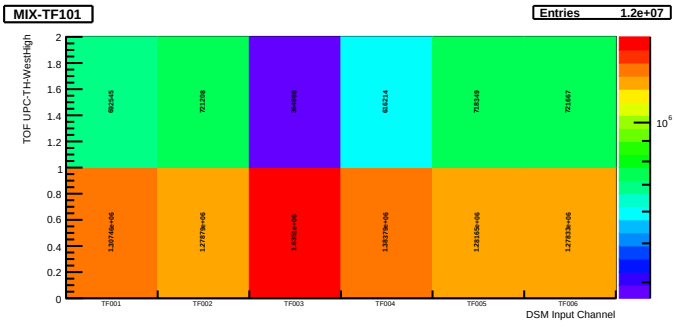

MIX-TF006
Entries 4.2e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

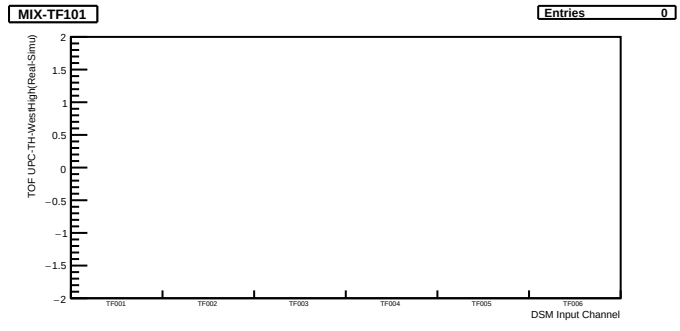

MIX-TF101
Entries 1.2e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

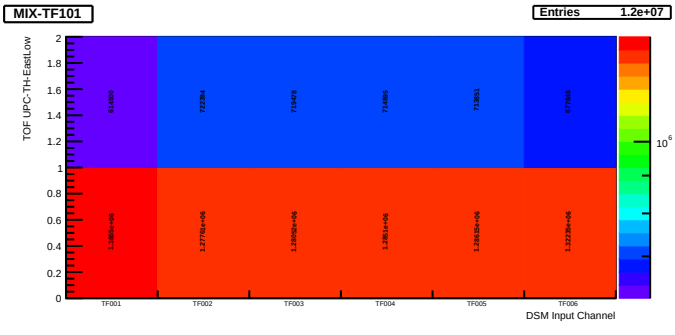

MIX-TF101
Entries 2952082
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

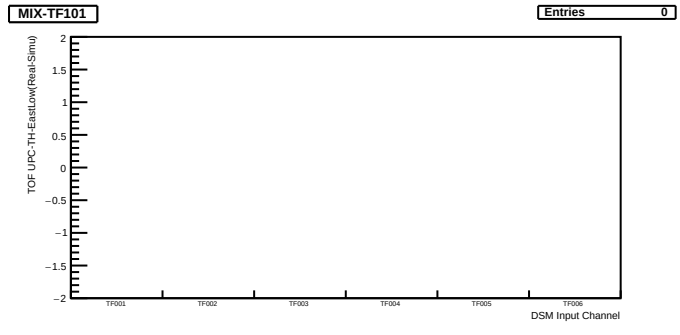

MIX-TF101
Entries 1.2e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

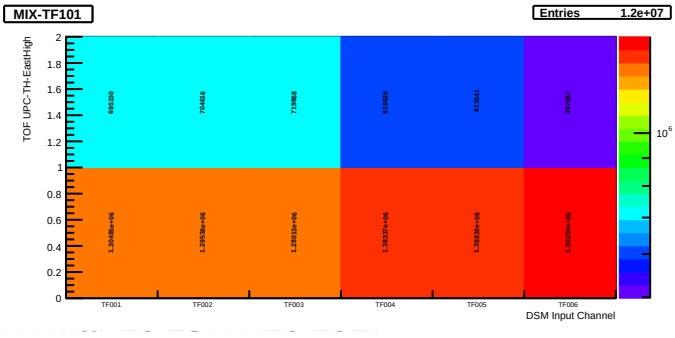

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

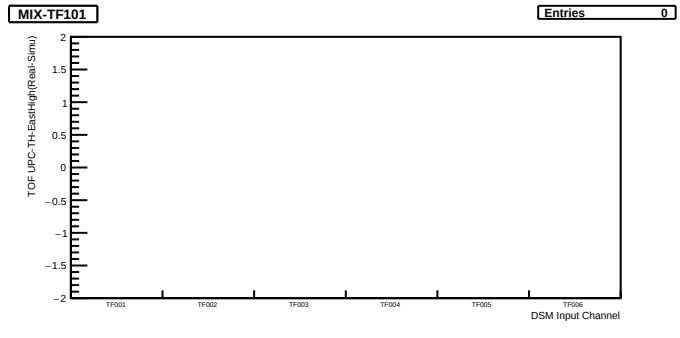

MIX-TF101
Entries 1.2e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

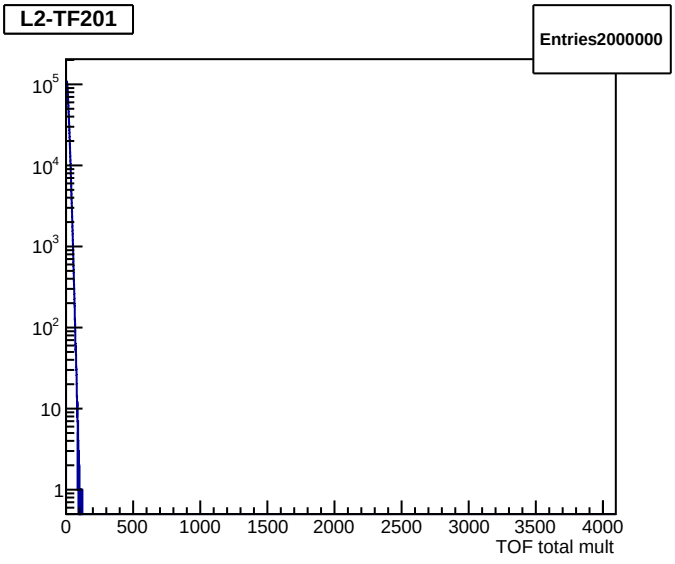

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

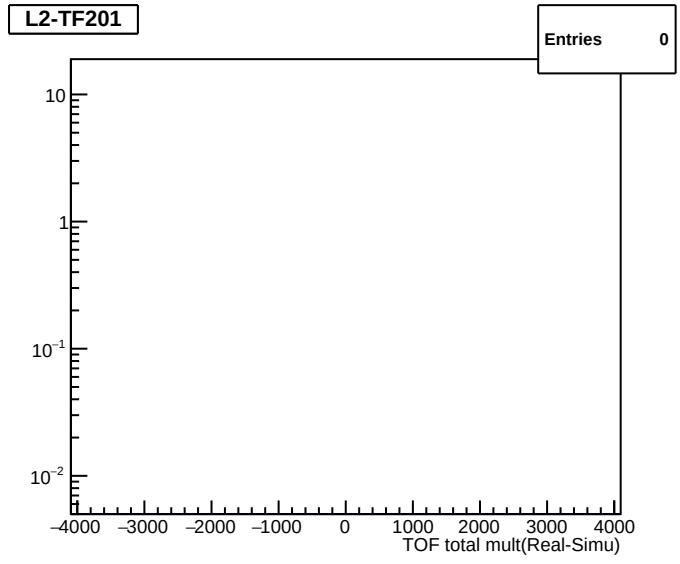

MIX-TF101
Entries 1.2e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

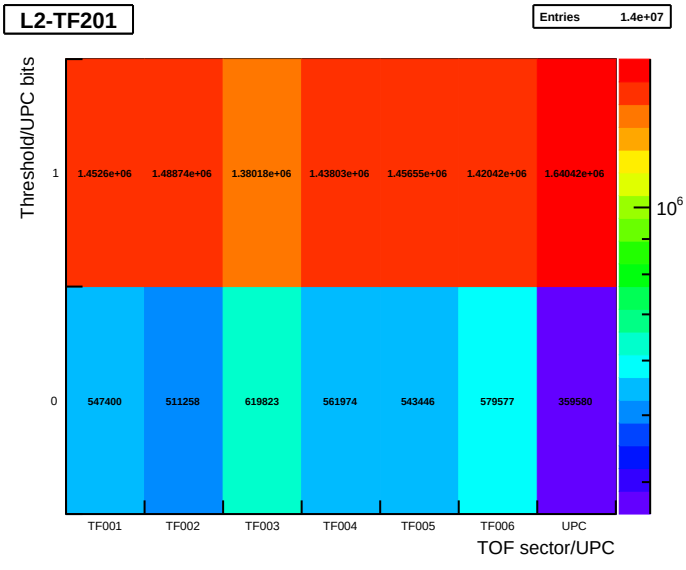

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

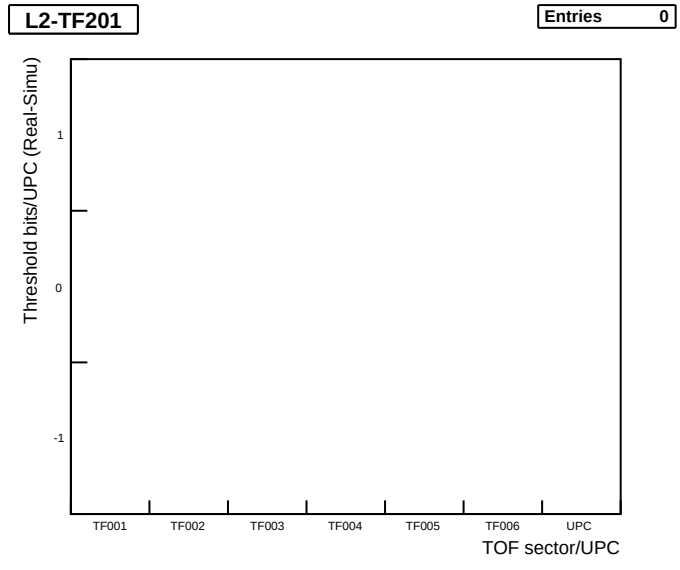

MIX-TF101
Entries 1.2e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

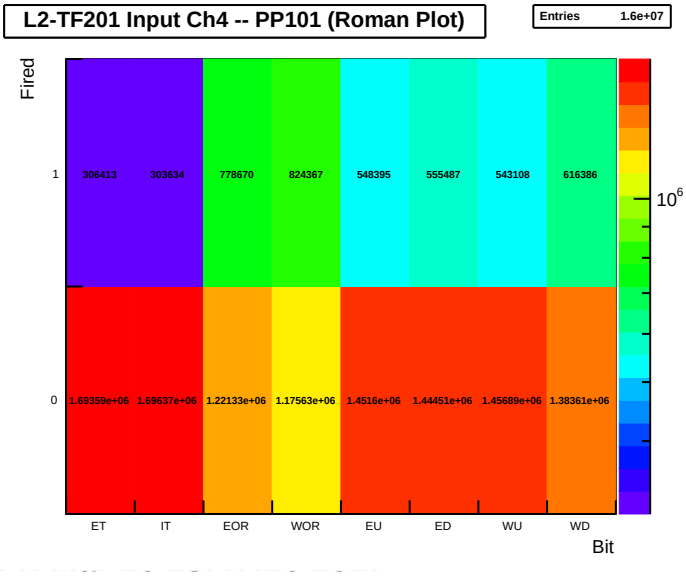

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

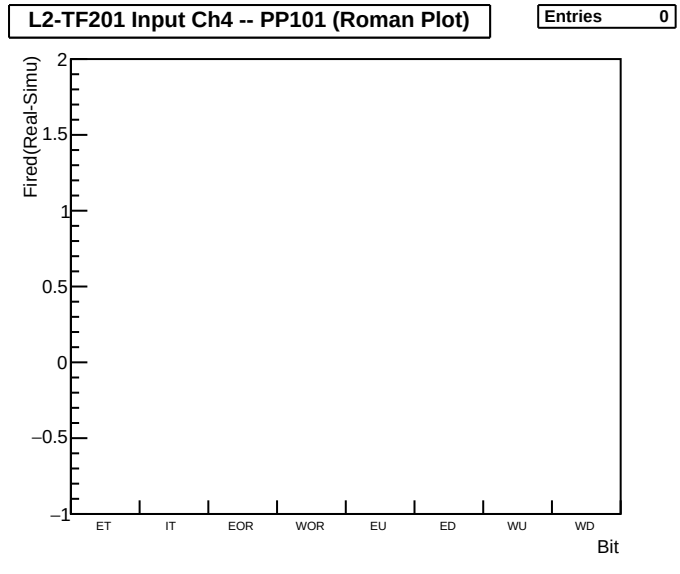

L2-TF201
Entries2000000
TOF total mult

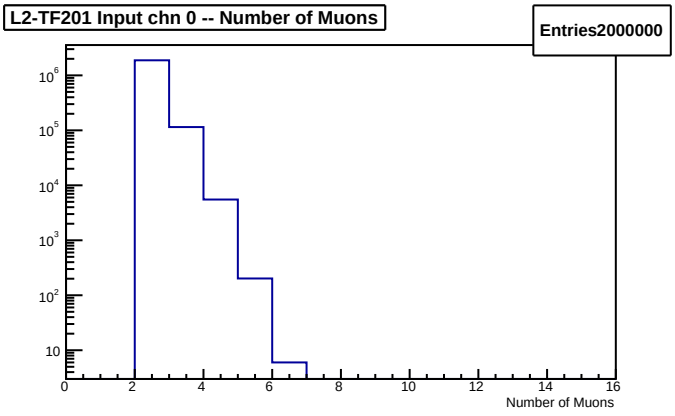

L2-TF201
Entries 0
TOF total mult(Real-Simu)

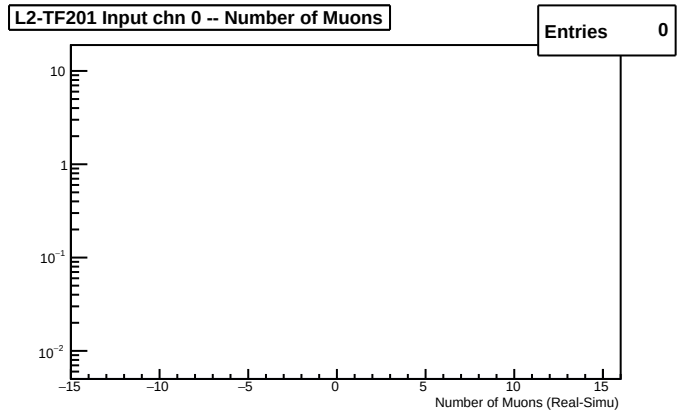

L2-TF201
Entries 1.4e+07
Threshold/UPC bits
1.4526e+06
1.48874e+06
1.38018e+06
1.43803e+06
1.45655e+06
1.42042e+06
1.64042e+06
547400
511258
619823
561974
543446
579577
359580
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

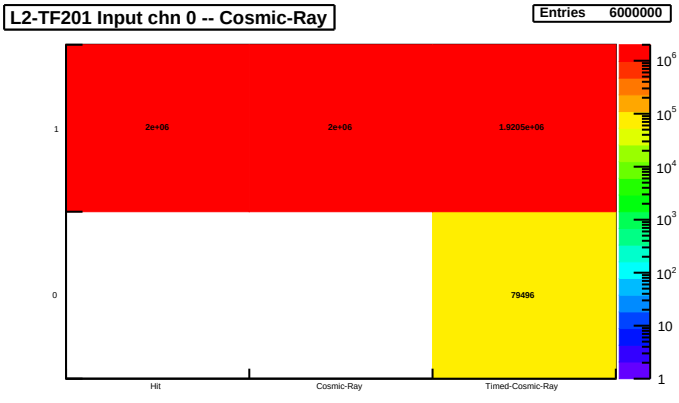

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

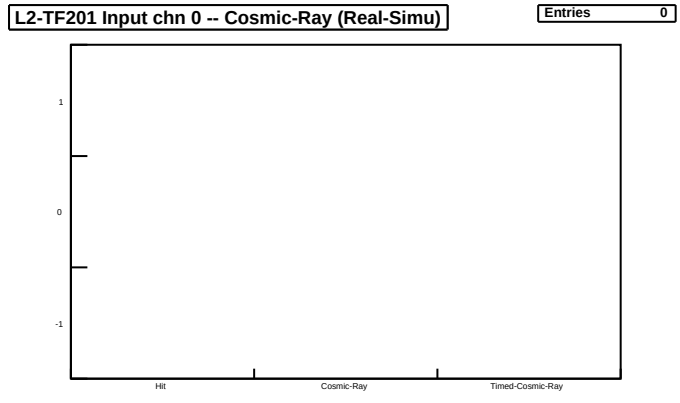

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.6e+07
Fired
306413
303634
778670
824367
548395
555487
543108
616386
1.69359e+06
1.69637e+06
1.22133e+06
1.17563e+06
1.4516e+06
1.44451e+06
1.45689e+06
1.38361e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

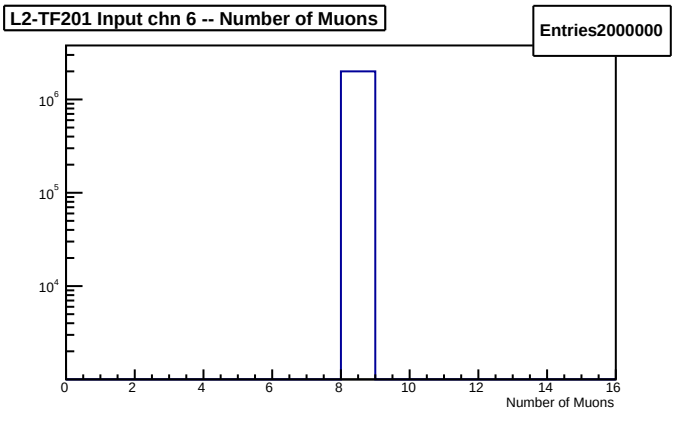

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

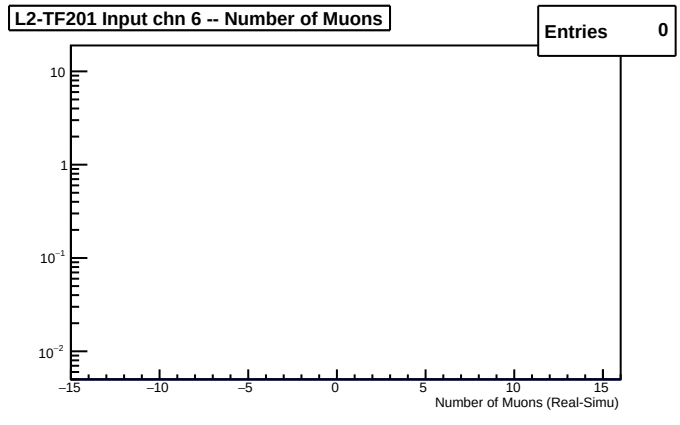

L2-TF201 Input chn 0 -- Number of Muons
Entries2000000
Number of Muons

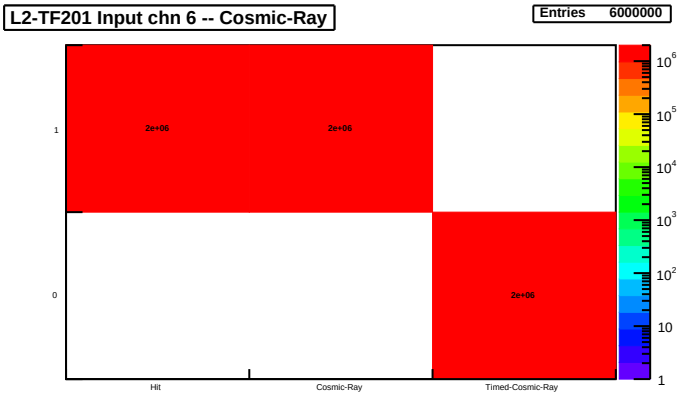

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

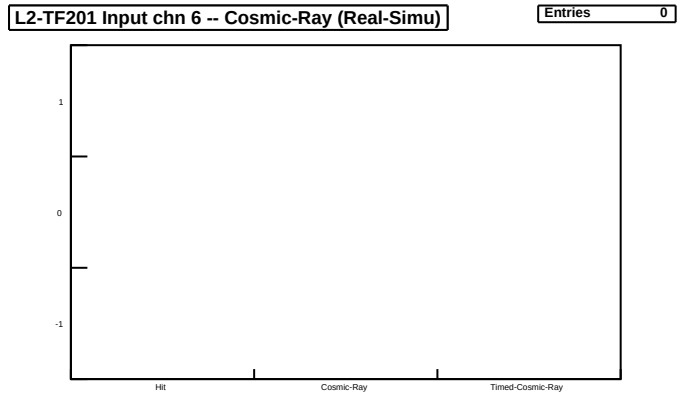

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6000000
2e+06
2e+06
1.9205e+06
79496
Hit
Cosmic-Ray
Timed-Cosmic-Ray

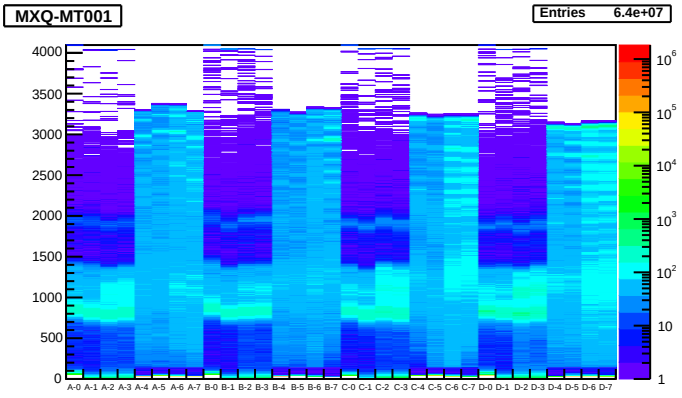

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

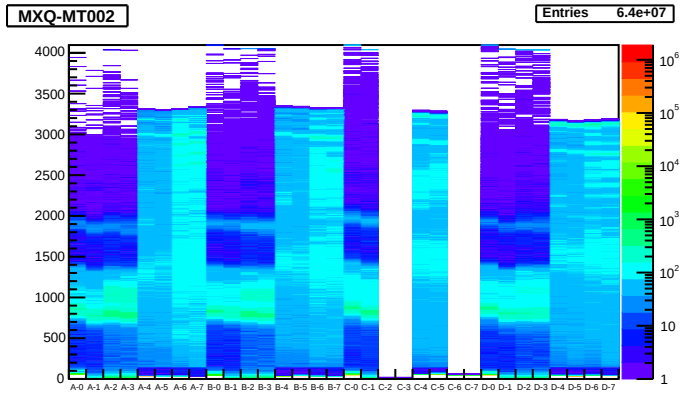

L2-TF201 Input chn 6 -- Number of Muons
Entries2000000
Number of Muons

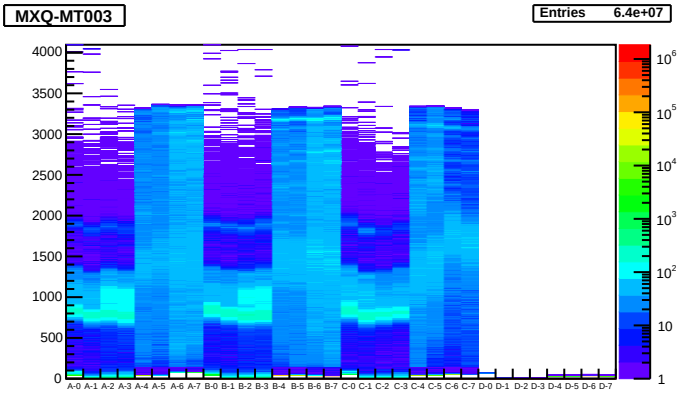

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

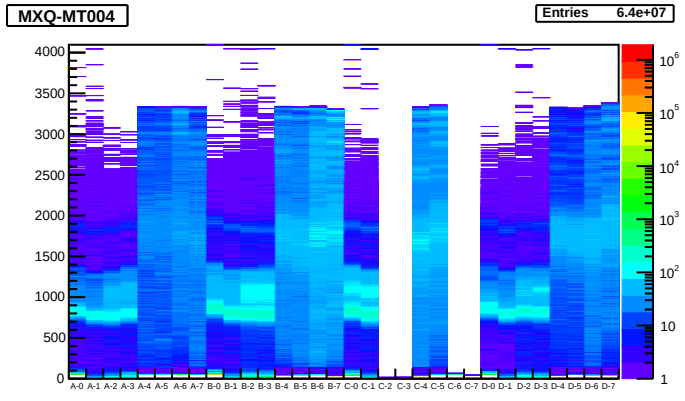

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 6000000
2e+06
2e+06
2e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

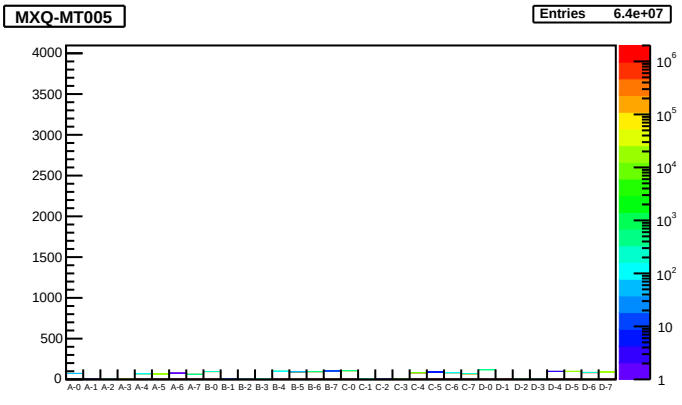

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

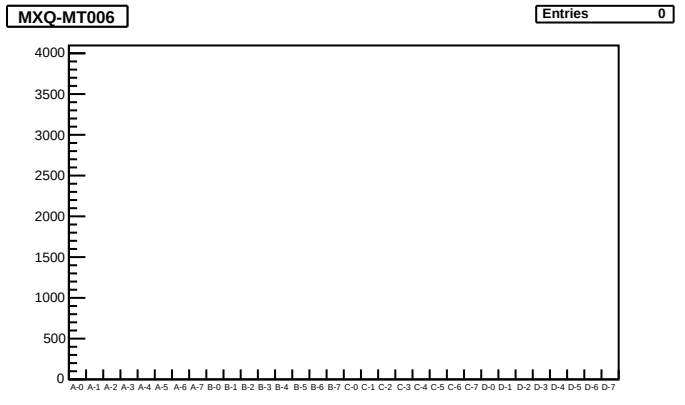

MXQ-MT001
Entries 6.4e+07

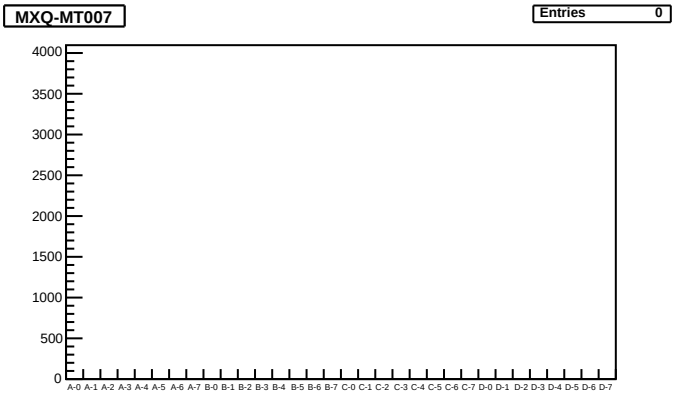

MXQ-MT002
Entries 6.4e+07

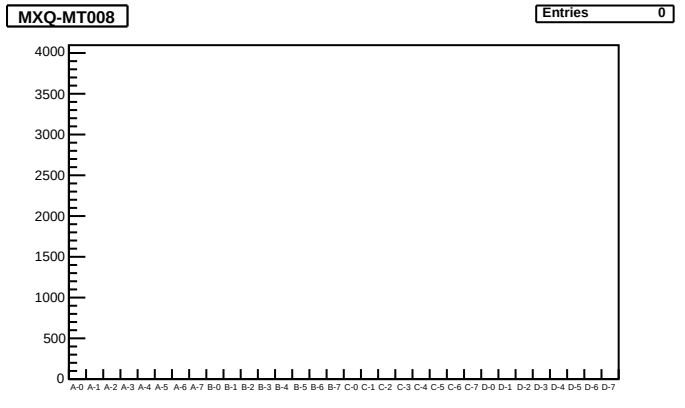

MXQ-MT003
Entries 6.4e+07

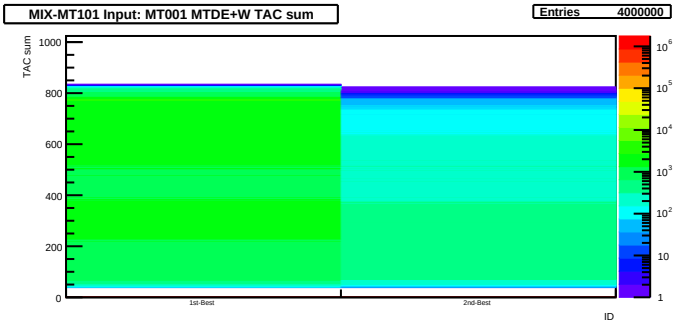

MXQ-MT004
Entries 6.4e+07

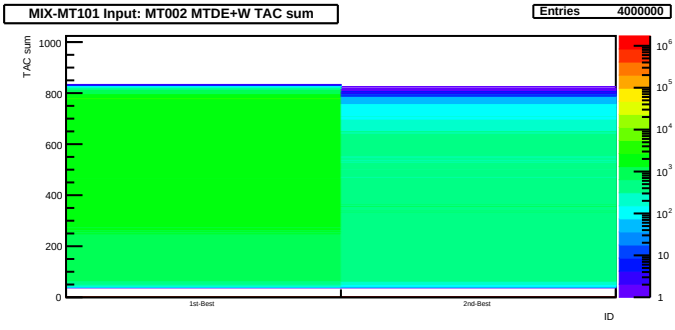

MXQ-MT005
Entries 6.4e+07

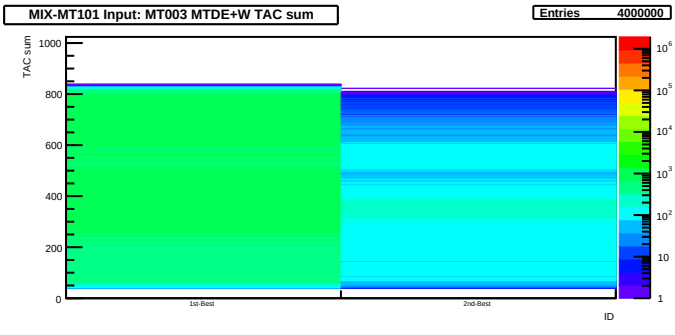

MXQ-MT006
Entries 0

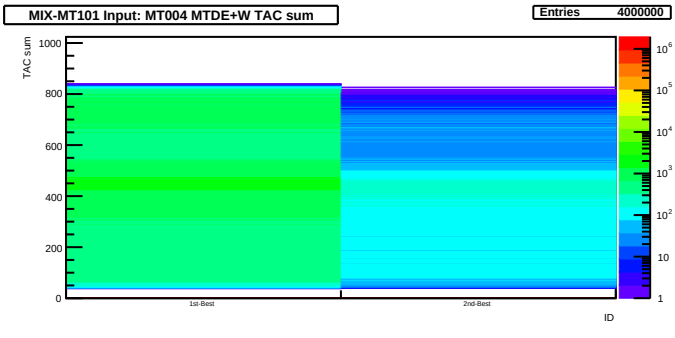

MXQ-MT007
Entries 0

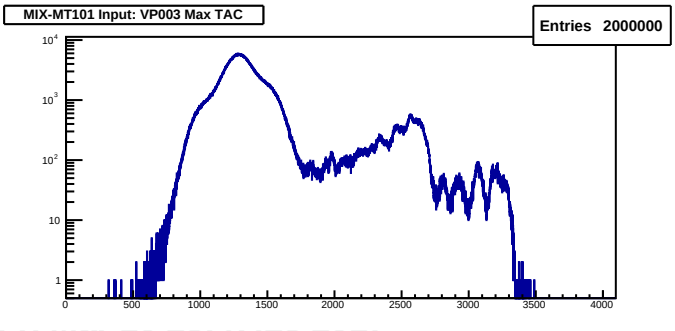

MXQ-MT008
Entries 0

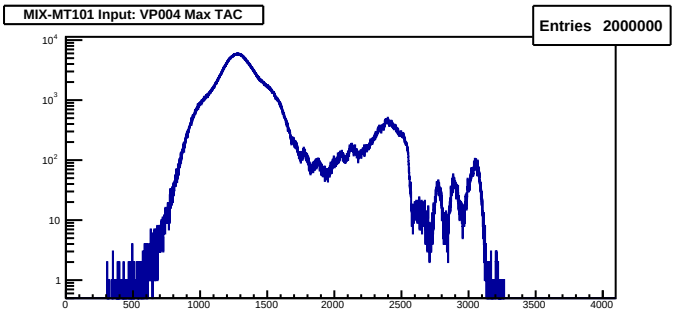

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4000000
TAC sum
1st-Best
2nd-Best
ID

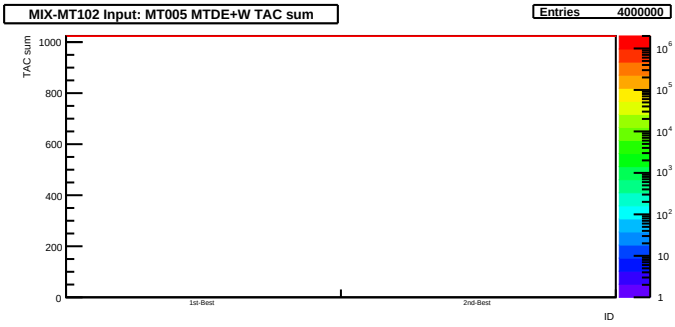

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4000000
TAC sum
1st-Best
2nd-Best
ID

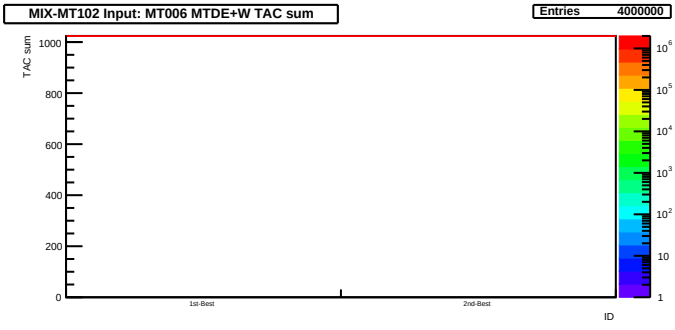

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4000000
TAC sum
1st-Best
2nd-Best
ID

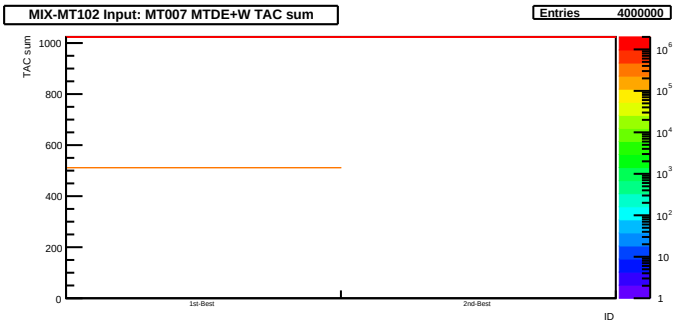

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4000000
TAC sum
1st-Best
2nd-Best
ID

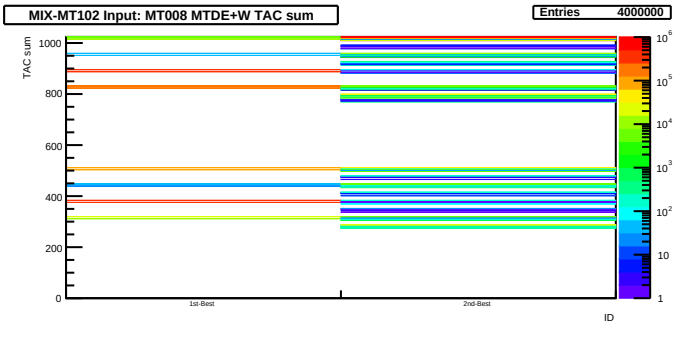

MIX-MT101 Input: VP003 Max TAC
Entries 2000000

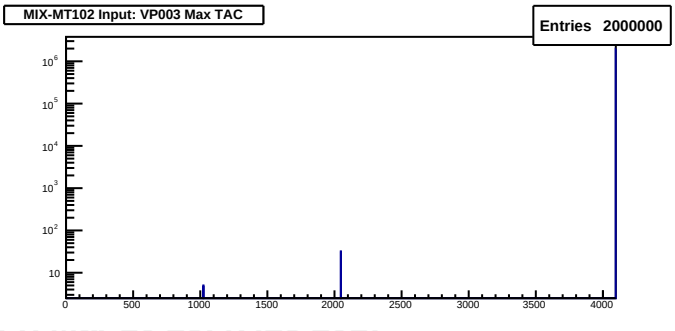

MIX-MT101 Input: VP004 Max TAC
Entries 2000000

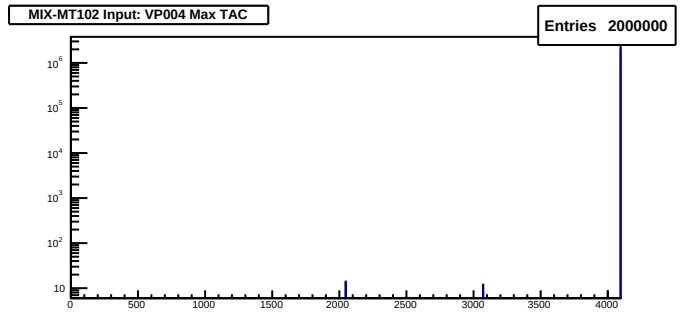

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 4000000
TAC sum
1st-Best
2nd-Best
ID

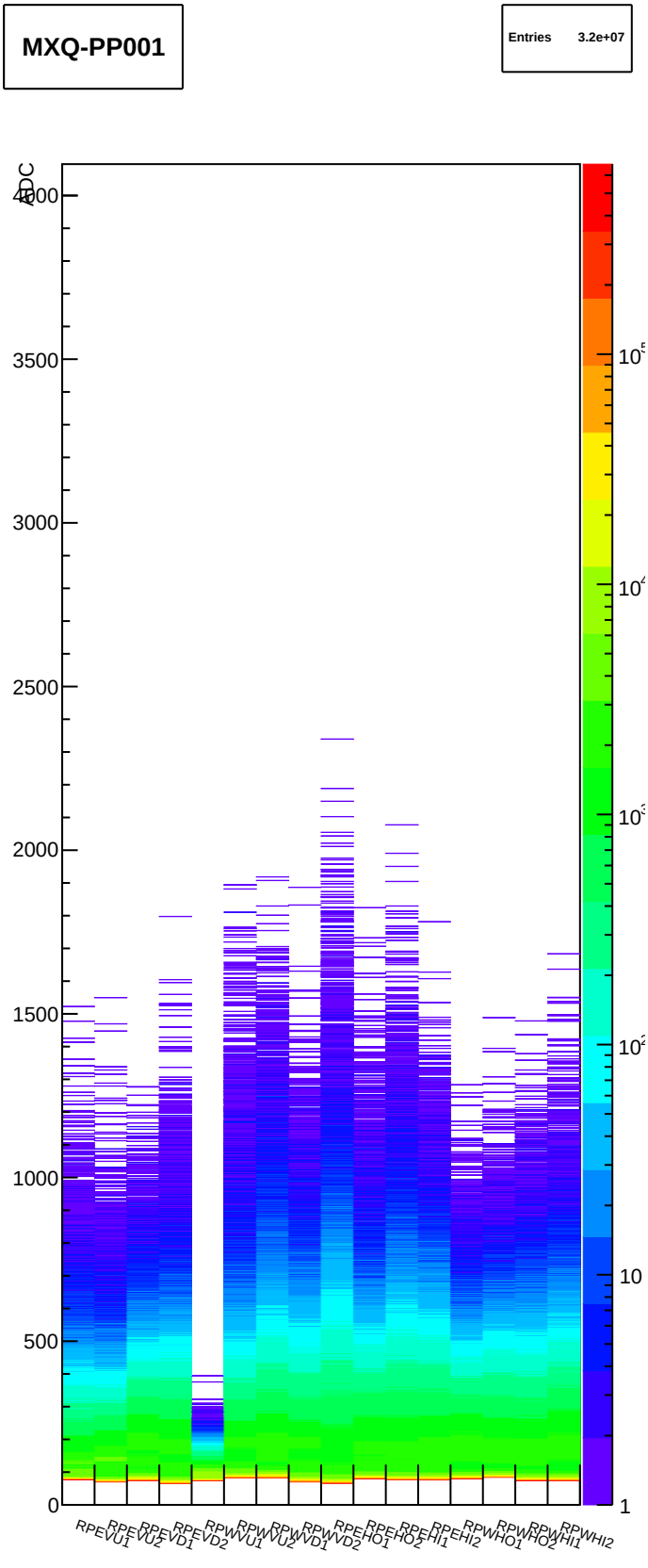

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 4000000
TAC sum
1st-Best
2nd-Best
ID

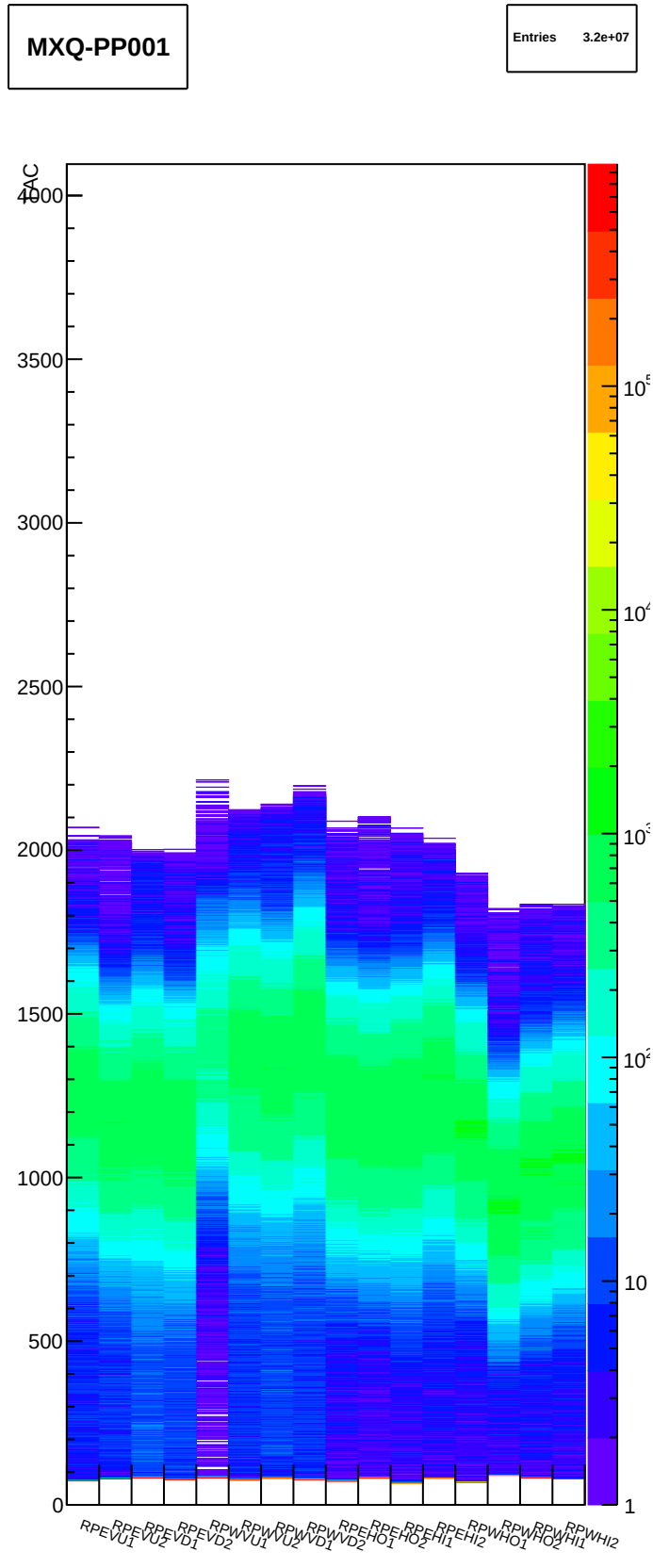

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 4000000
TAC sum
1st-Best
2nd-Best
ID

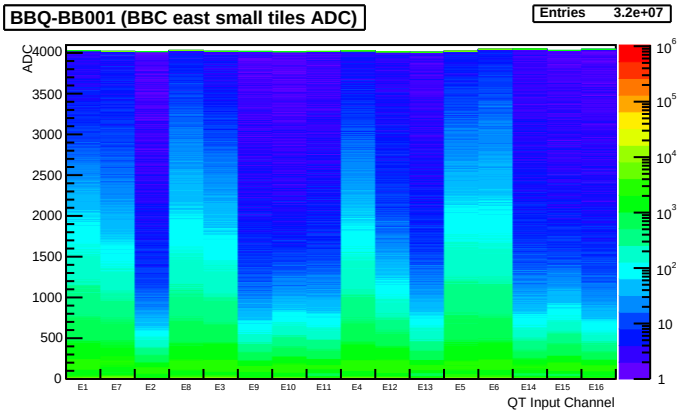

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 4000000
TAC sum
1st-Best
2nd-Best
ID

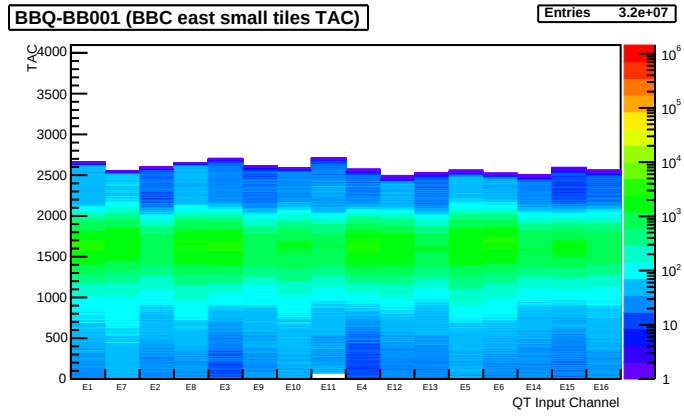

MIX-MT102 Input: VP003 Max TAC
Entries 2000000

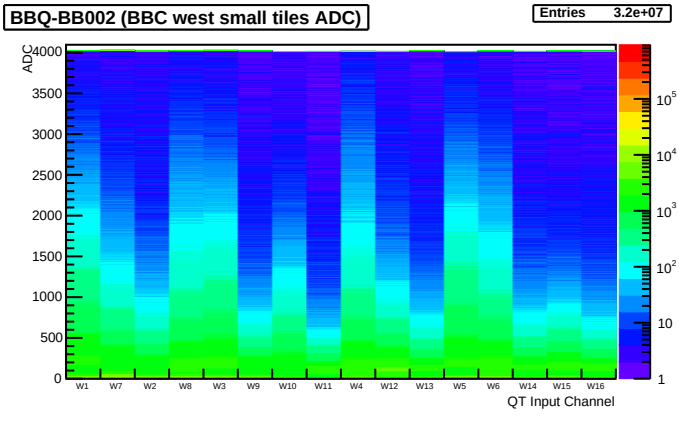

MIX-MT102 Input: VP004 Max TAC
Entries 2000000

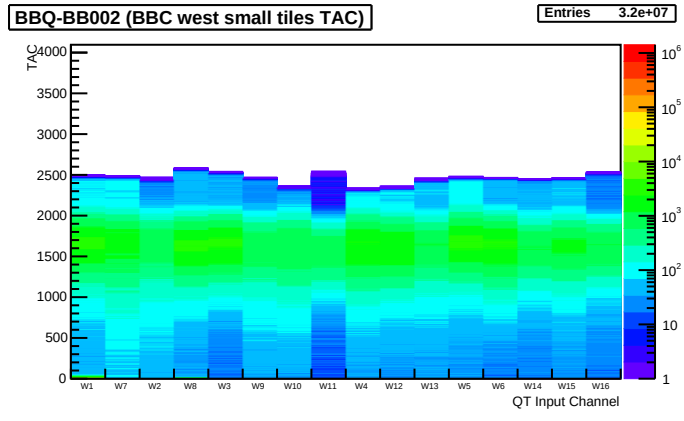

MXQ-PP001
Entries 3.2e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

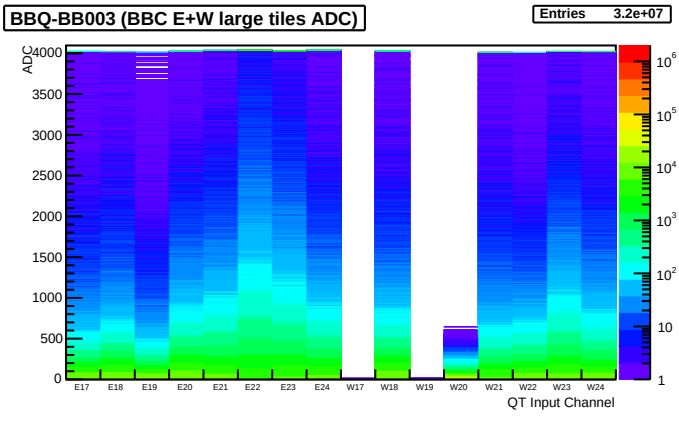

MXQ-PP001
Entries 3.2e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

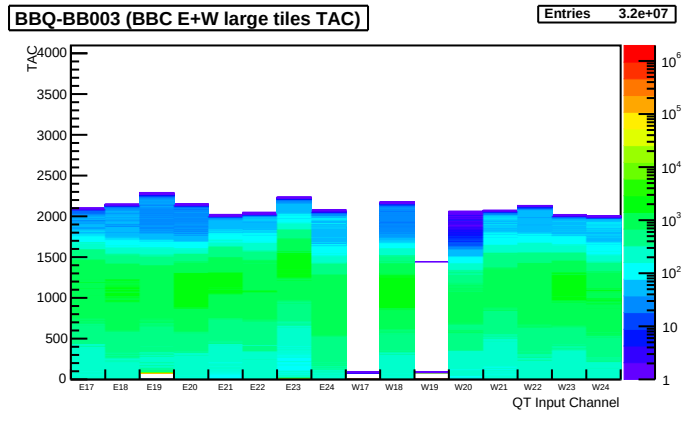

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.2e+07
ADC
QT Input Channel

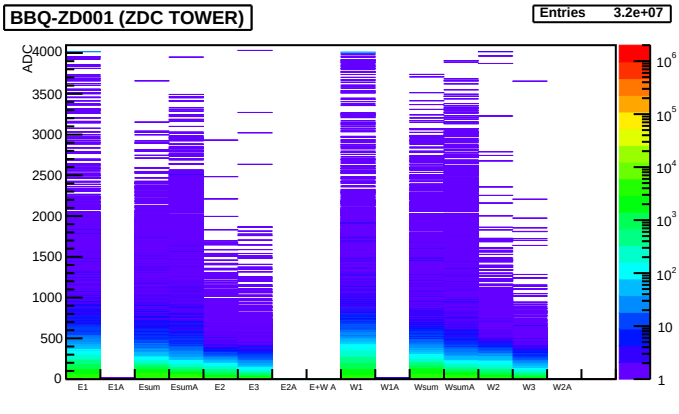

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.2e+07
TAC
QT Input Channel

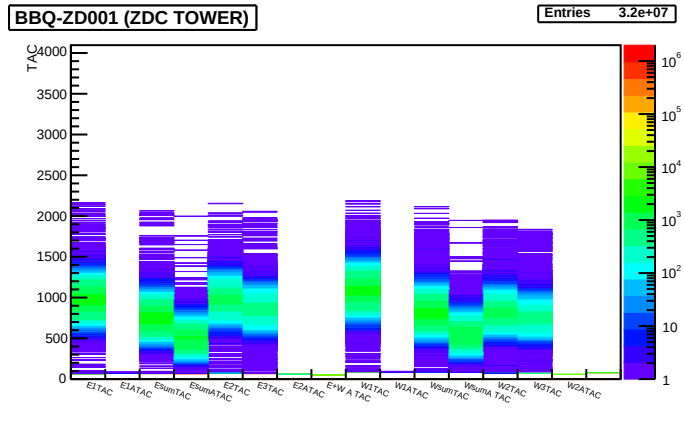

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.2e+07
ADC
QT Input Channel

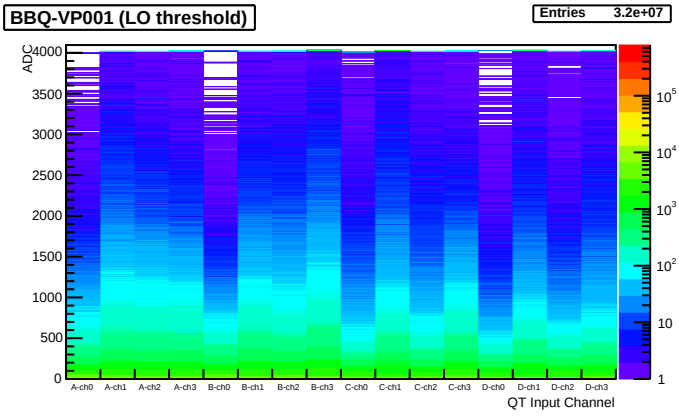

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.2e+07
TAC
QT Input Channel

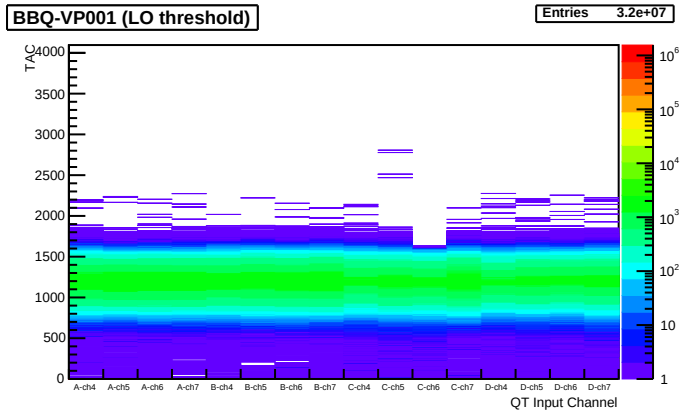

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.2e+07
ADC
QT Input Channel

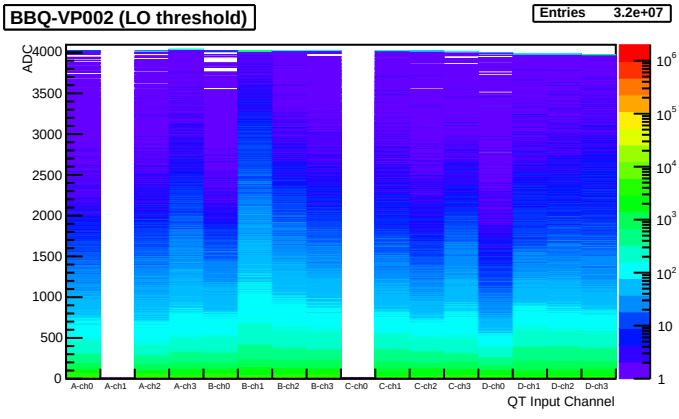

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.2e+07
TAC
QT Input Channel

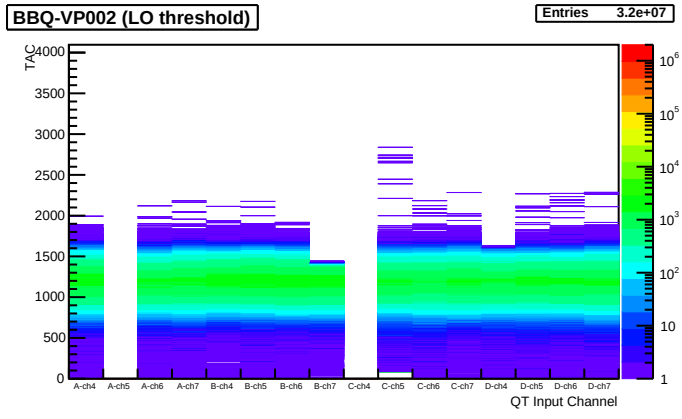

BBQ-ZD001 (ZDC TOWER)
Entries 3.2e+07
ADC

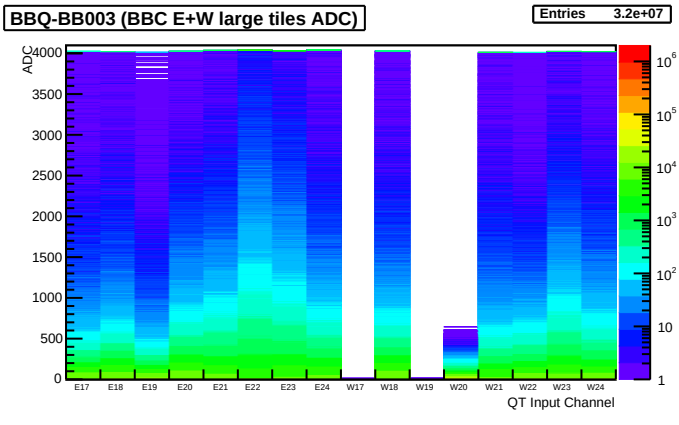

BBQ-ZD001 (ZDC TOWER)
Entries 3.2e+07
TAC

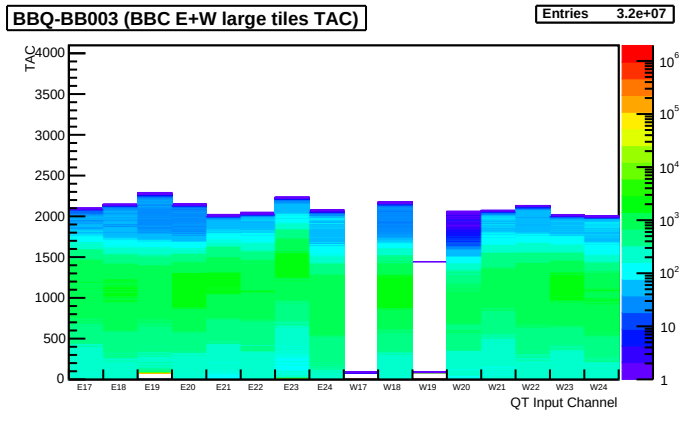

BBQ-VP001 (LO threshold)
Entries 3.2e+07
ADC
QT Input Channel

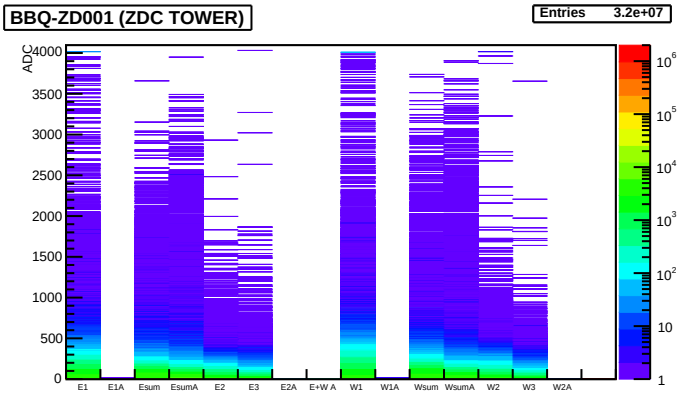

BBQ-VP001 (LO threshold)
Entries 3.2e+07
TAC
QT Input Channel

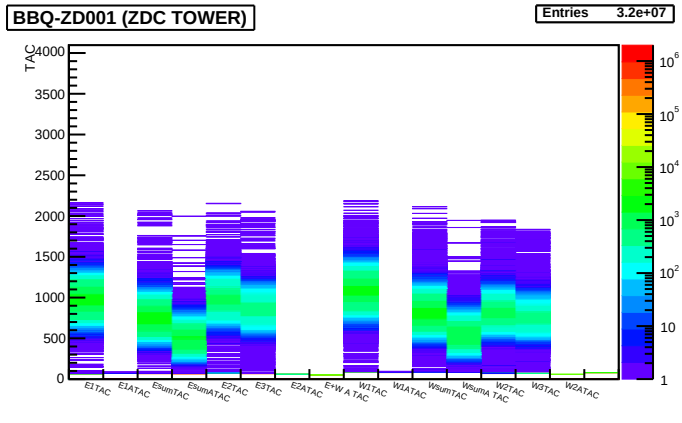

BBQ-VP002 (LO threshold)
Entries 3.2e+07
ADC
QT Input Channel

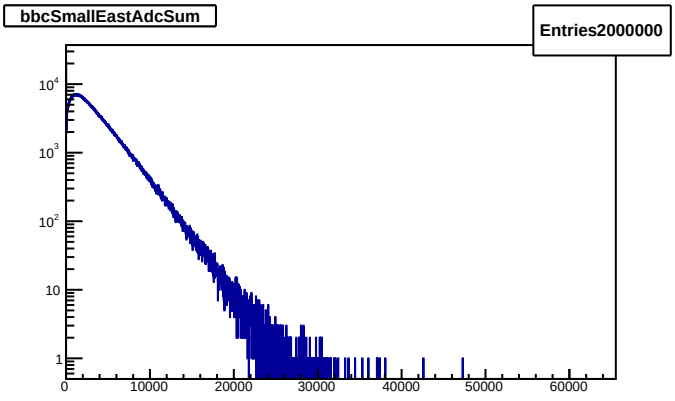

BBQ-VP002 (LO threshold)
Entries 3.2e+07
TAC
QT Input Channel

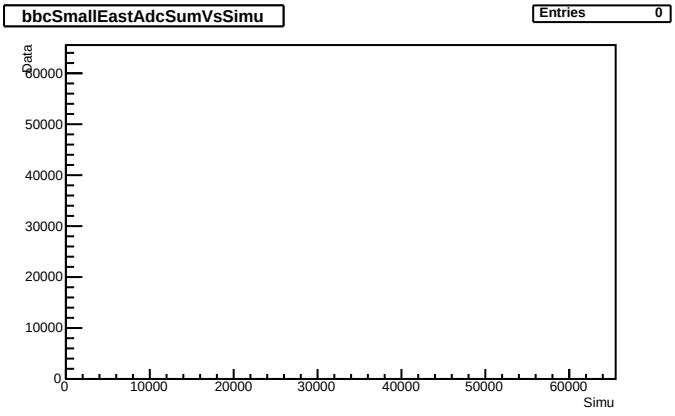

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.2e+07
ADC
QT Input Channel

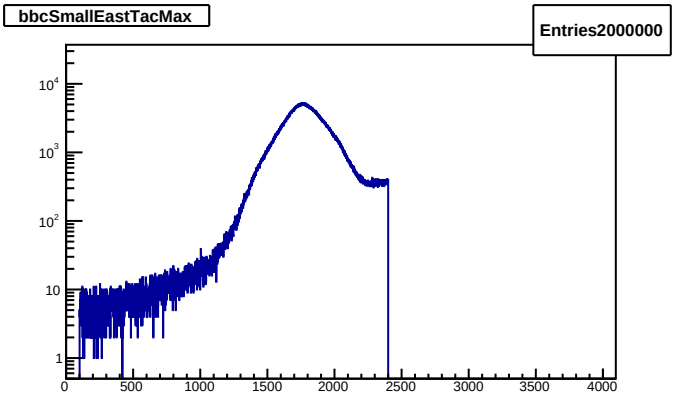

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.2e+07
TAC
QT Input Channel

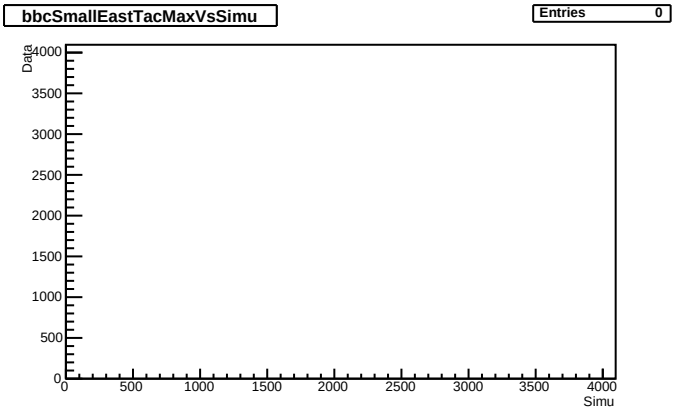

BBQ-ZD001 (ZDC TOWER)
Entries 3.2e+07
ADC

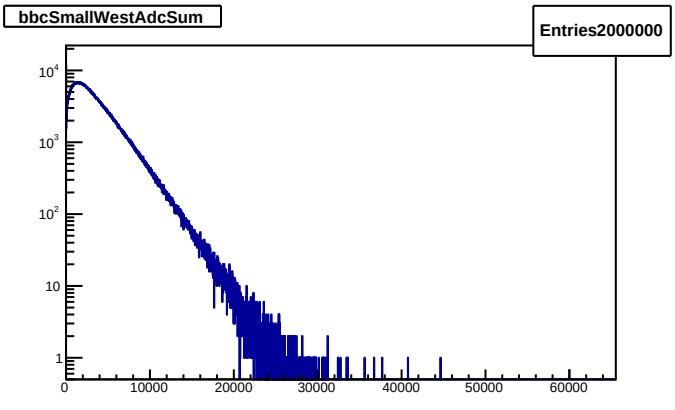

BBQ-ZD001 (ZDC TOWER)
Entries 3.2e+07
TAC

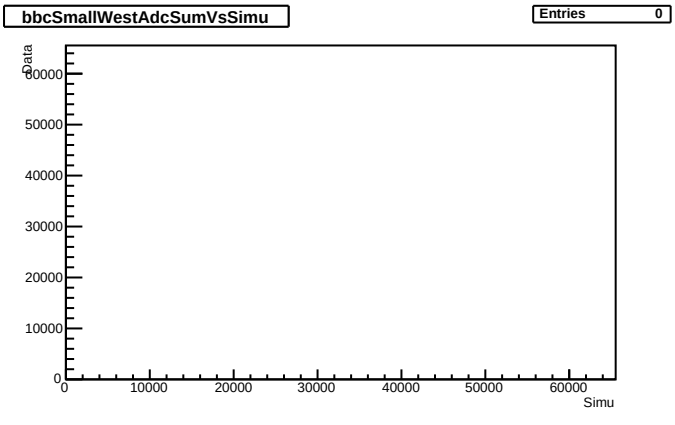

bbcSmallEastAdcSum
Entries2000000

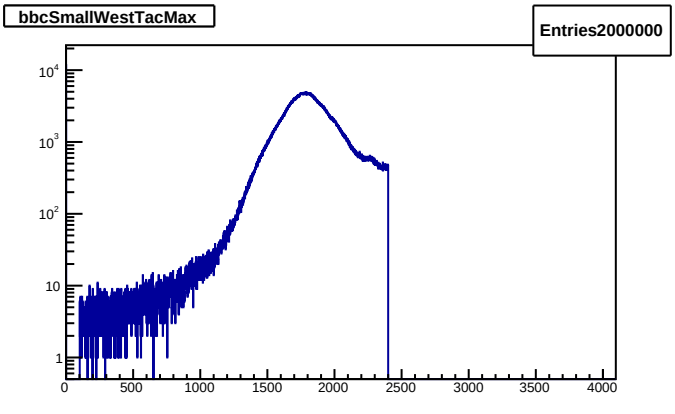

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

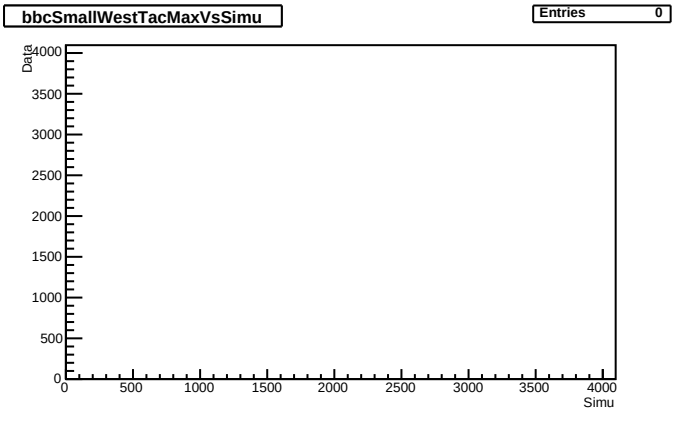

bbcSmallEastTacMax
Entries2000000

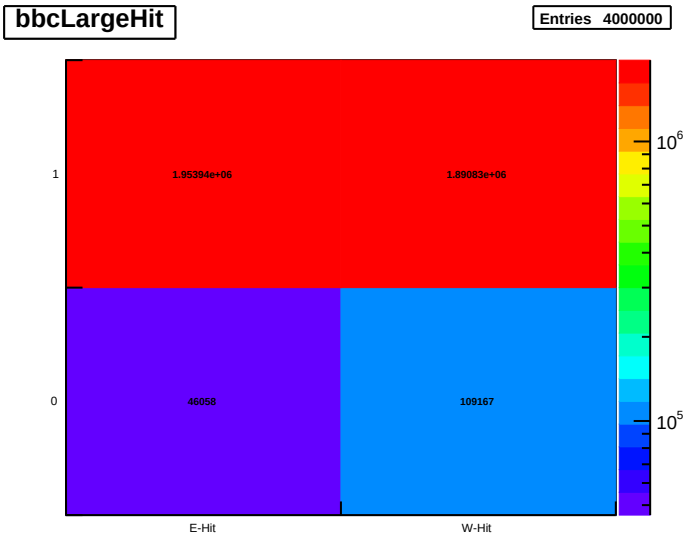

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

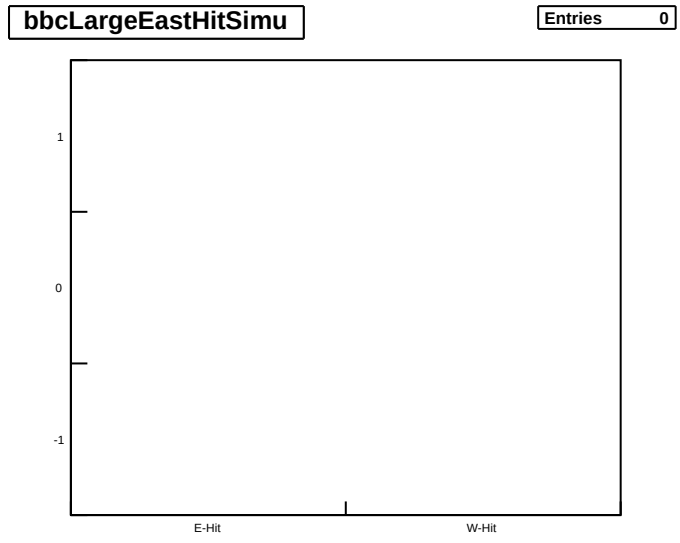

bbcSmallWestAdcSum
Entries2000000

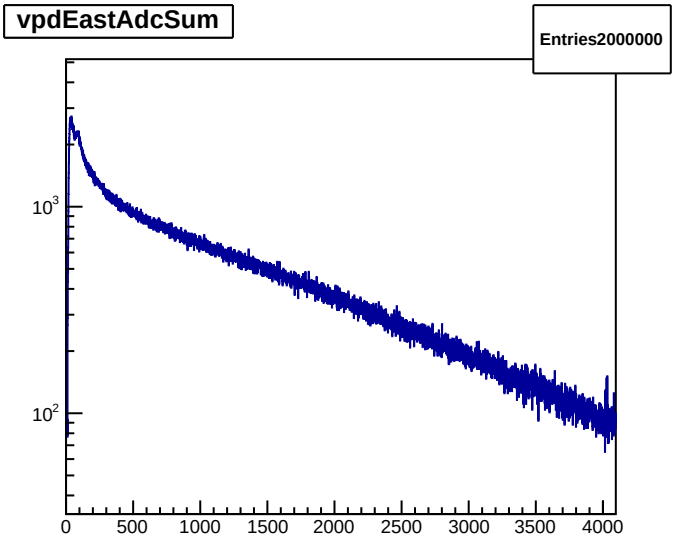

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

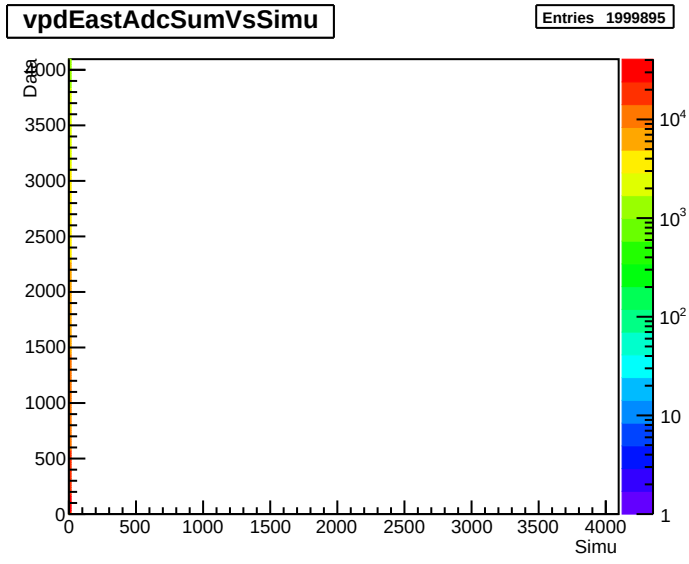

bbcSmallWestTacMax
Entries2000000

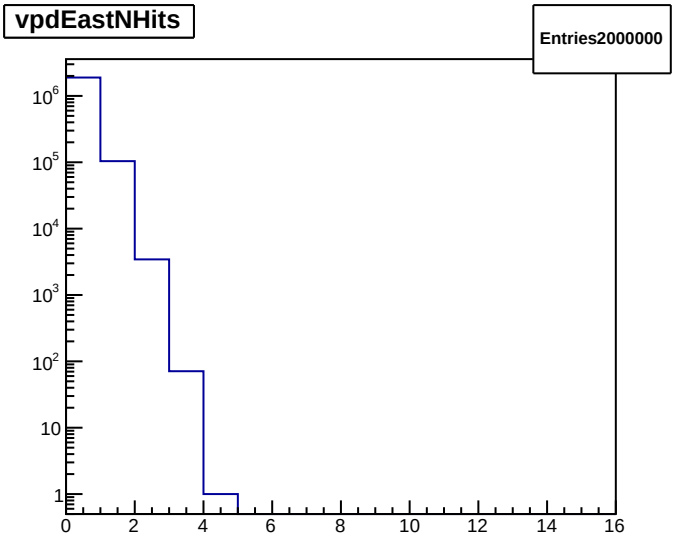

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

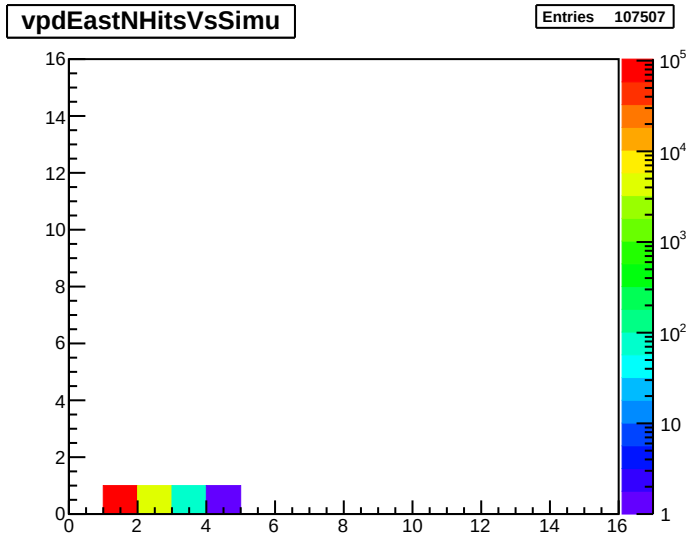

bbcLargeHit
Entries 4000000
1.95394e+06
1.89083e+06
46058
109167
1
0
E-Hit
W-Hit
10^6
10^5

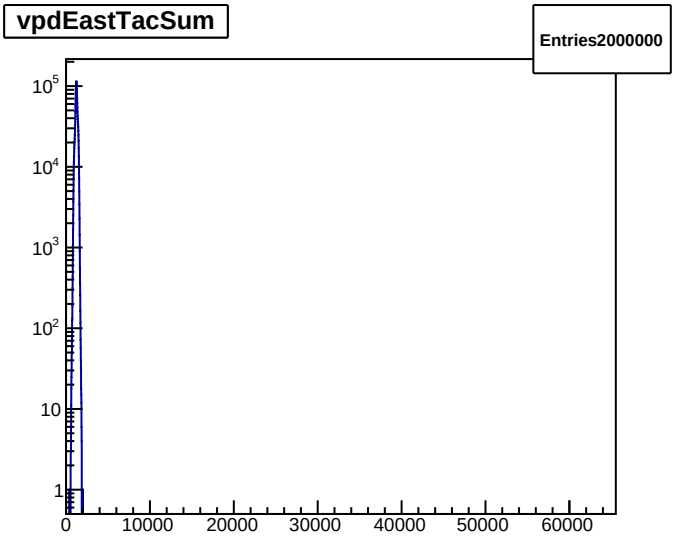

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

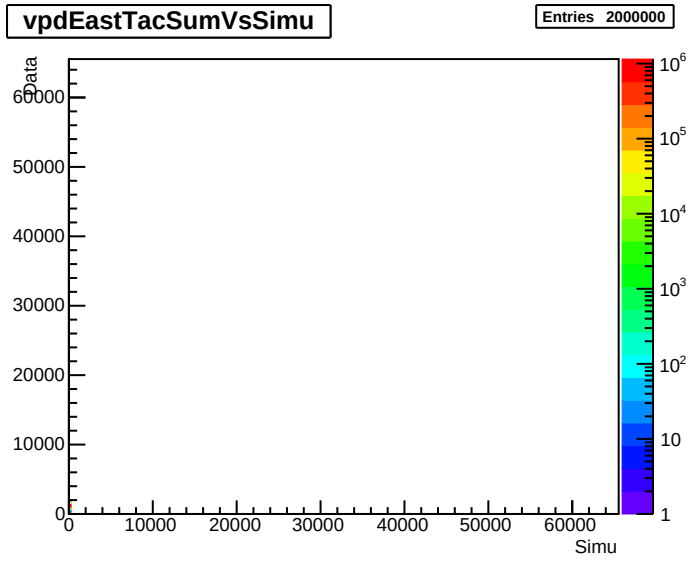

vpdEastAdcSum
Entries2000000

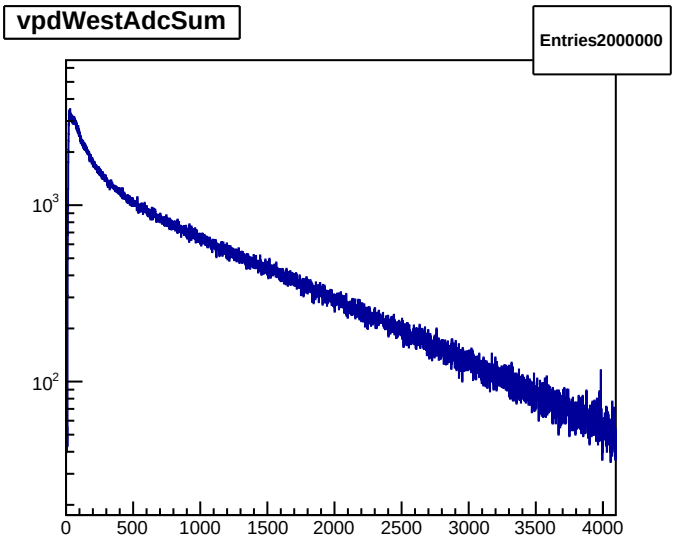

vpdEastAdcSumVsSimu
Entries 1999895
Data
Simu

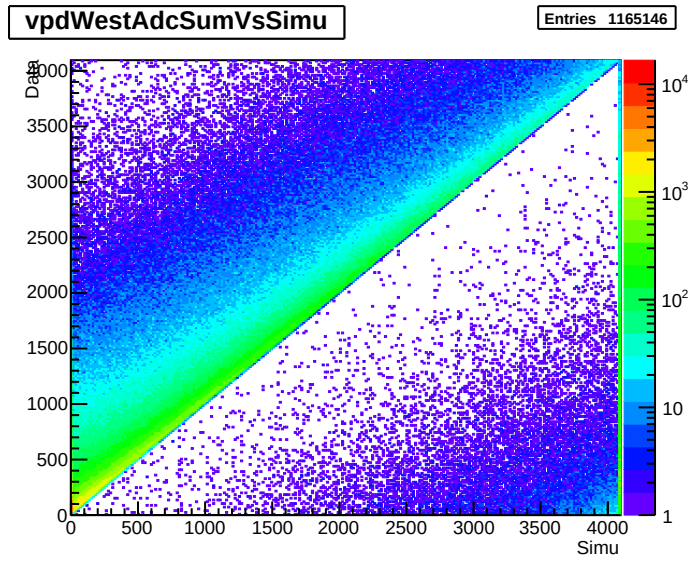

vpdEastNHits
Entries2000000

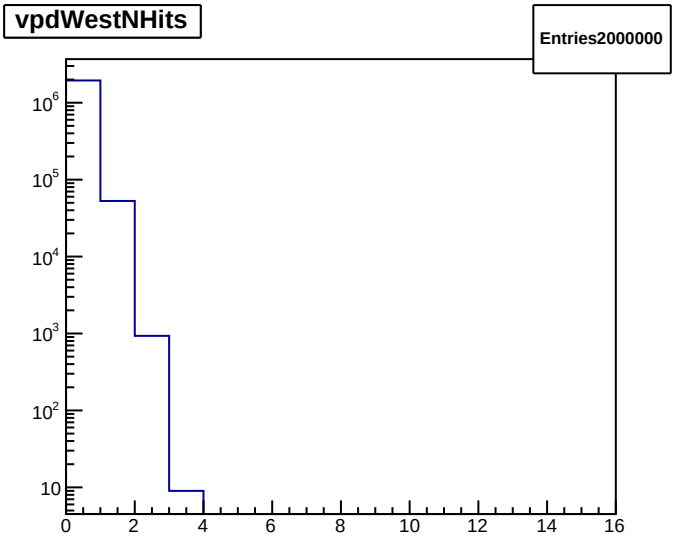

vpdEastNHitsVsSimu
Entries 107507

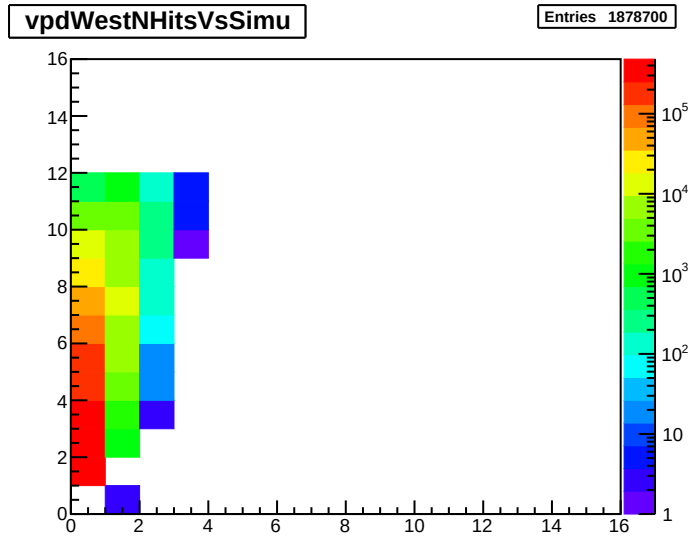

vpdEastTacSum
Entries2000000

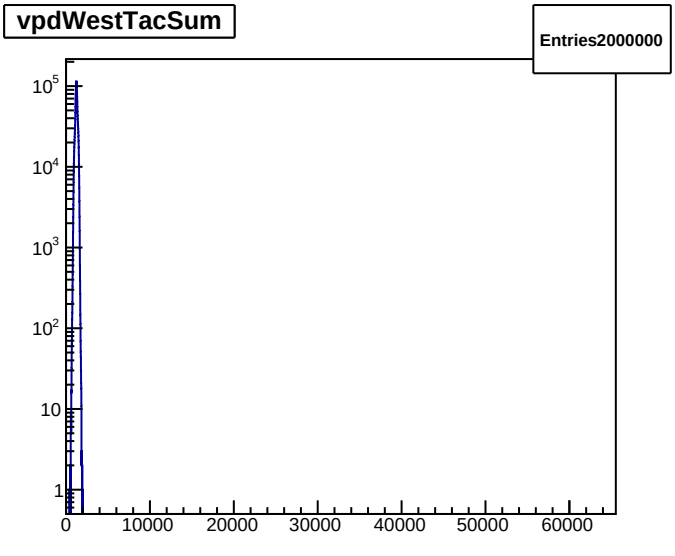

vpdEastTacSumVsSimu
Entries 2000000
Data
Simu

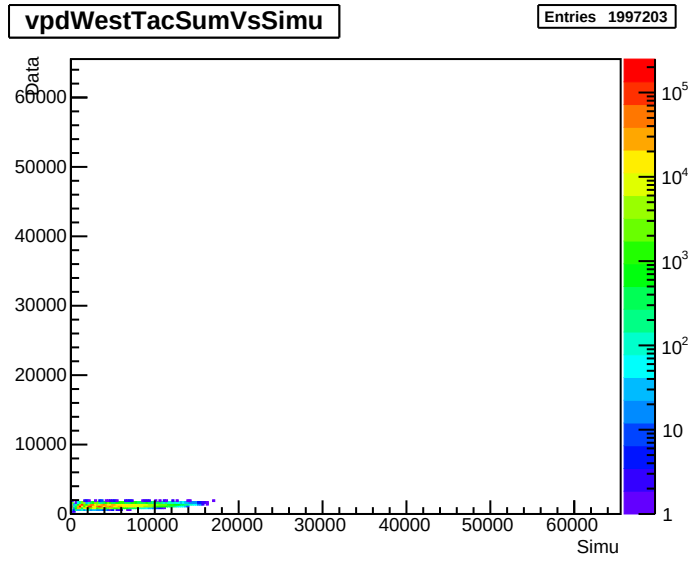

vpdWestAdcSum
Entries2000000

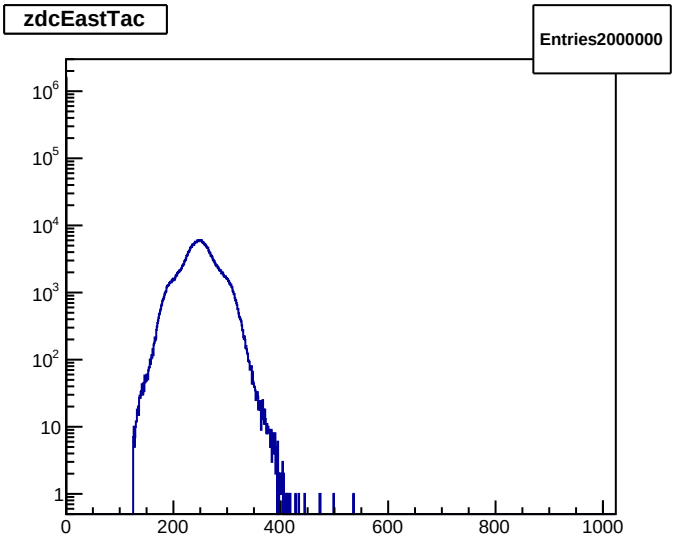

vpdWestAdcSumVsSimu
Entries 1165146
Data
Simu

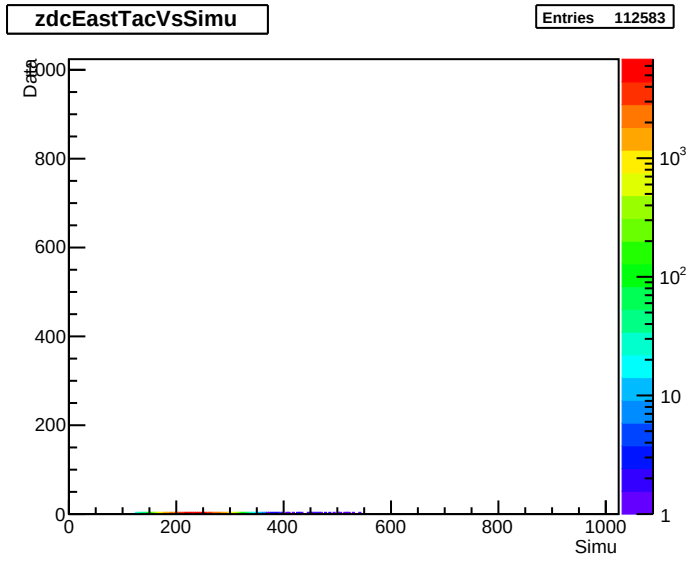

vpdWestNHits
Entries2000000

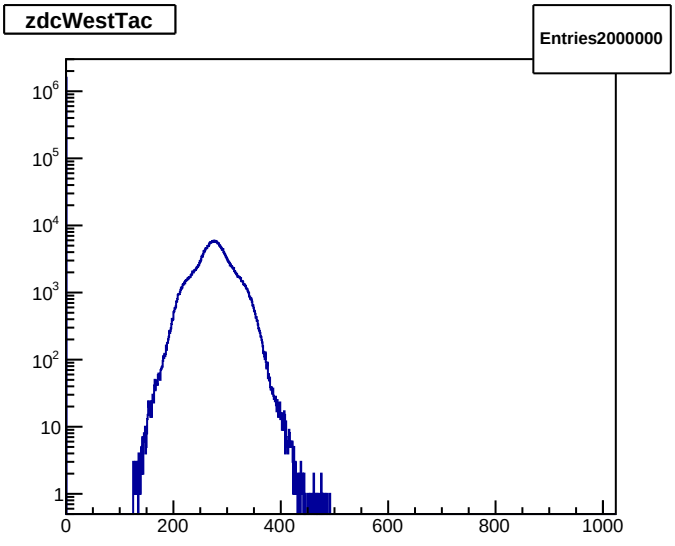

vpdWestNHitsVsSimu
Entries 1878700

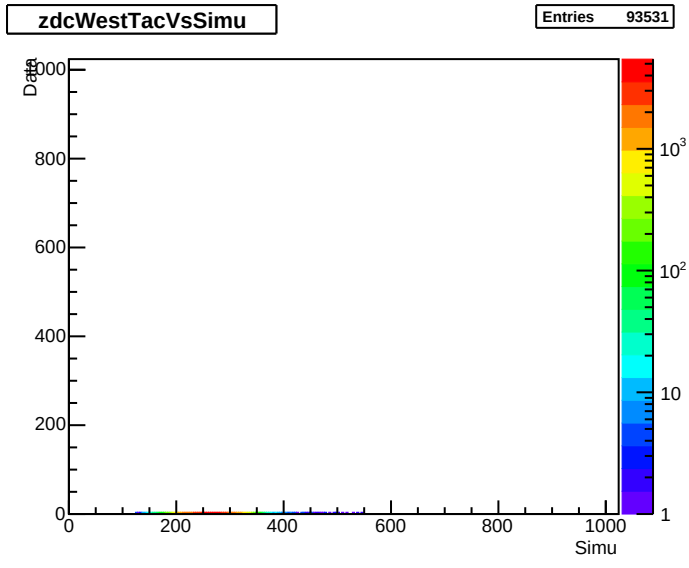

vpdWestTacSum
Entries2000000

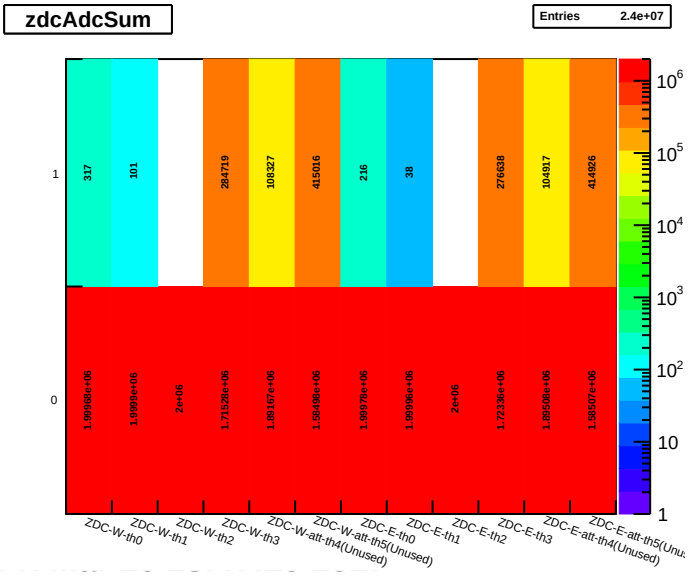

vpdWestTacSumVsSimu
Entries 1997203
Data
Simu

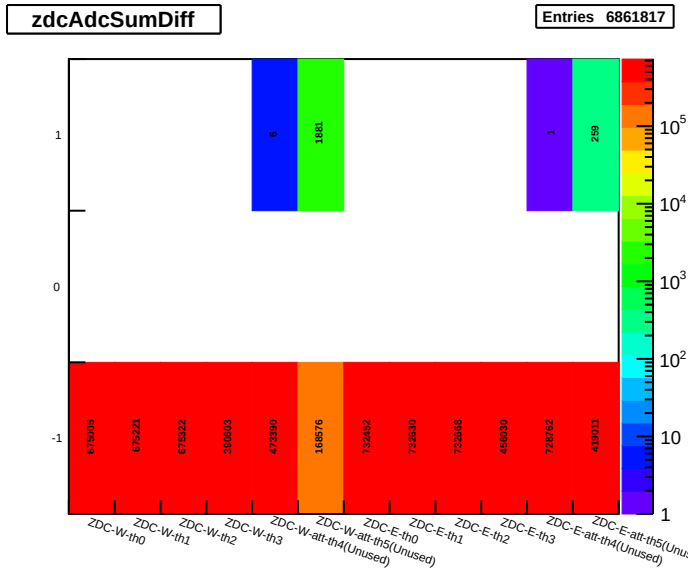

zdcEastTac
Entries2000000

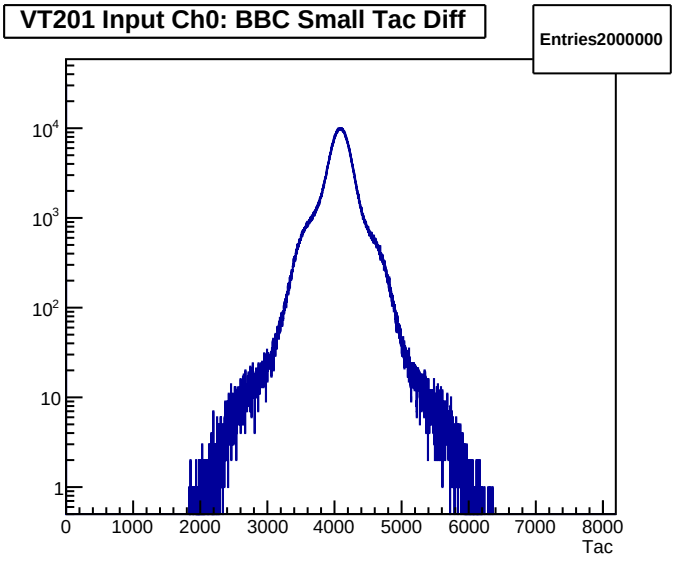

zdcEastTacVsSimu
Entries 112583
Data
Simu

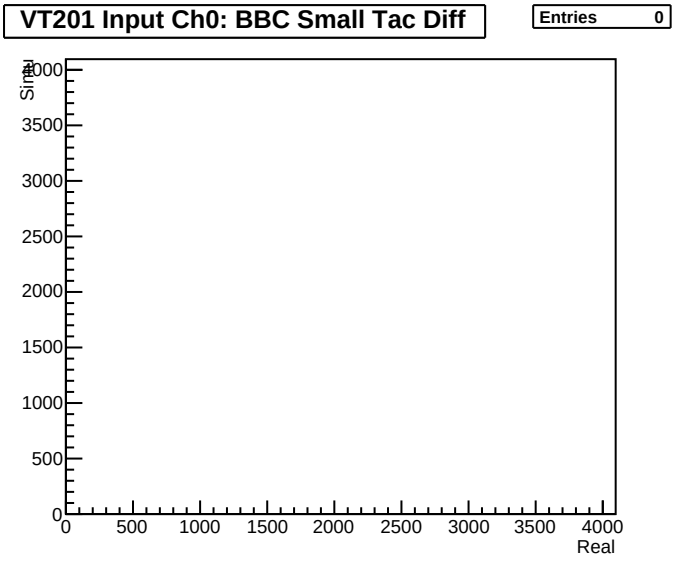

zdcWestTac
Entries2000000

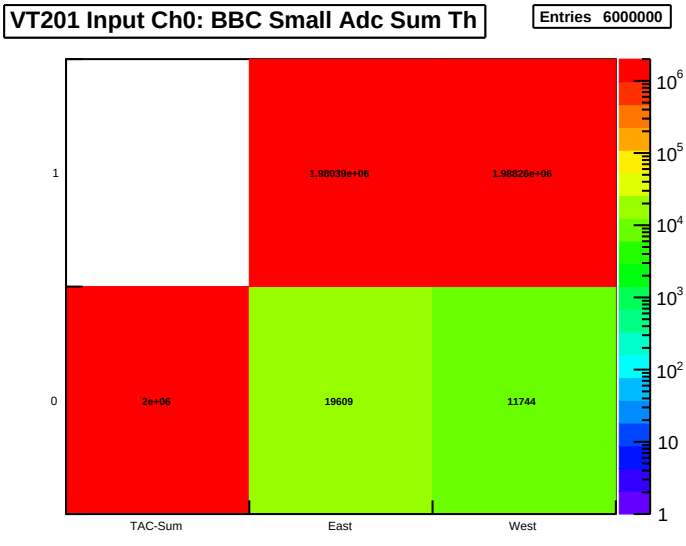

zdcWestTacVsSimu
Entries 93531
Data
Simu

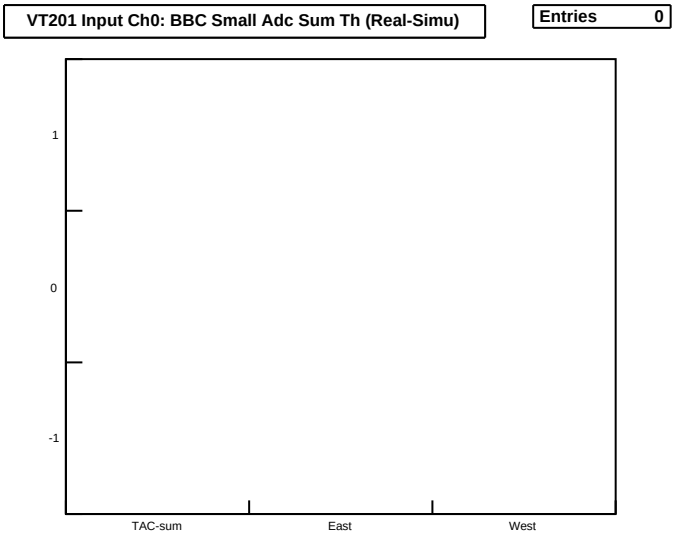

zdcAdcSum
Entries 2.4e+07
317
101
284719
108327
415016
216
38
276638
104917
414926
1.99968e+06
1.9999e+06
2e+06
1.71528e+06
1.88167e+06
1.59498e+06
1.99978e+06
1.99996e+06
2e+06
1.72336e+06
1.85508e+06
1.58507e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

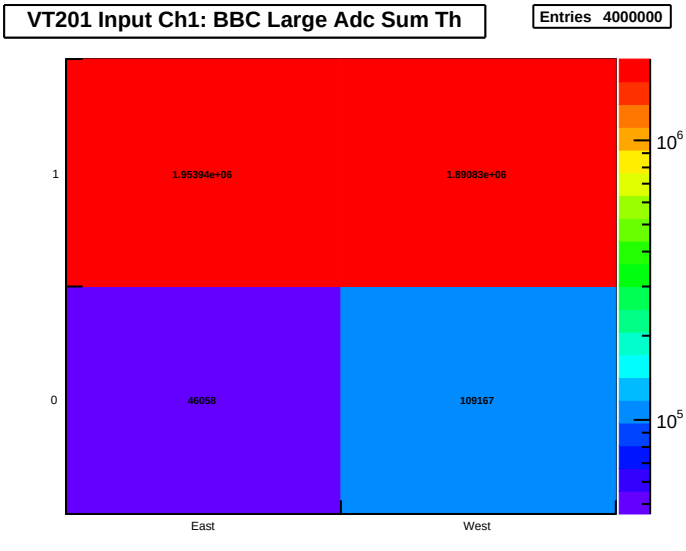

zdcAdcSumDiff
Entries 6861817
6
1881
1
259
675005
675221
675322
396603
473390
168576
732452
732630
732668
458030
720762
419011
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

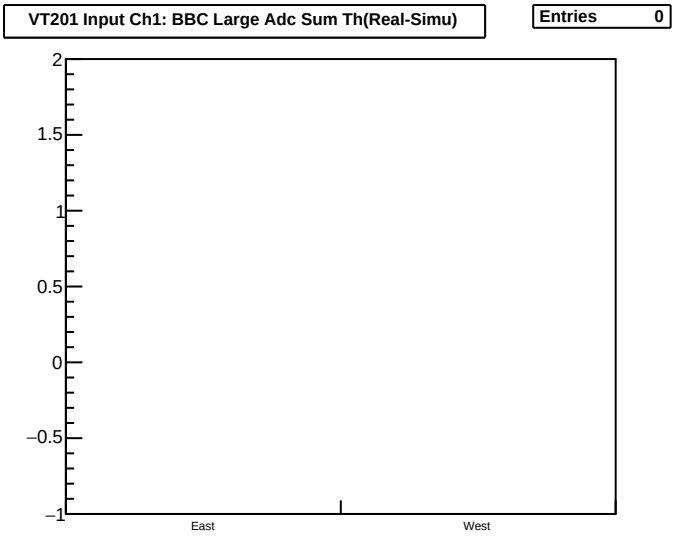

VT201 Input Ch0: BBC Small Tac Diff
Entries2000000
Tac


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

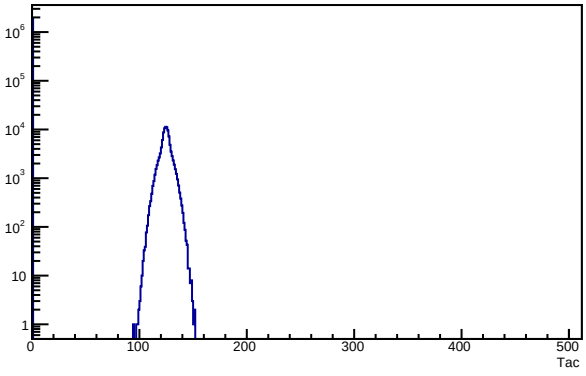

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6000000
1.98039e+06
1.98826e+06
2e+06
19609
11744
TAC-Sum
East
West


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

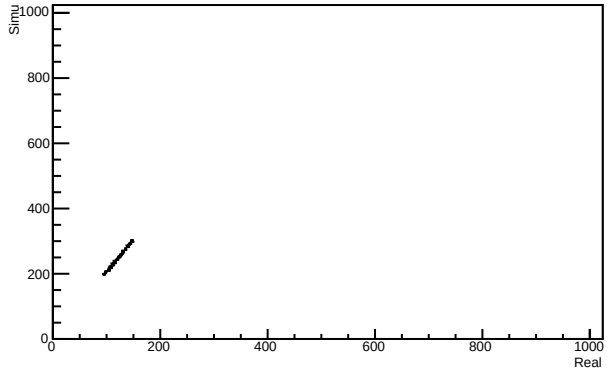

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4000000
1.95394e+06
1.89083e+06
46058
109167
East
West


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

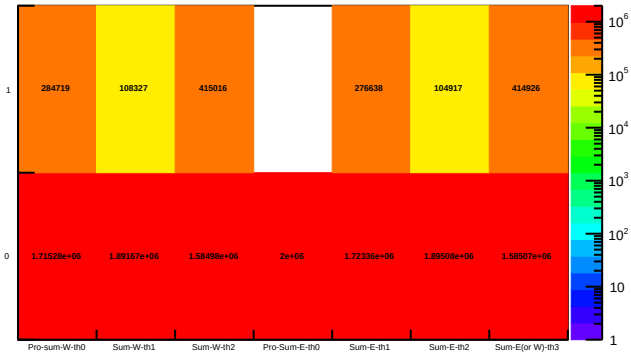
VT201 Input Ch2: ZDC Tac Diff



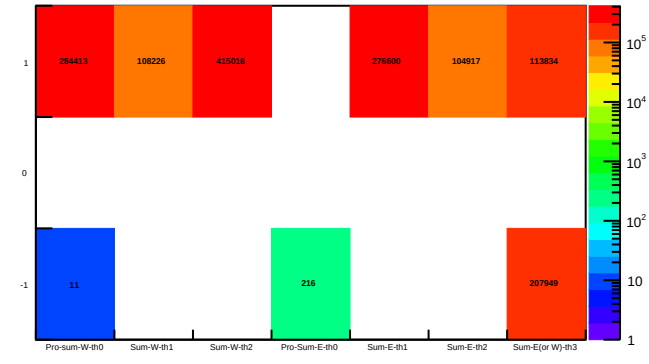
VT201 Input Ch2: ZDC Tac Diff



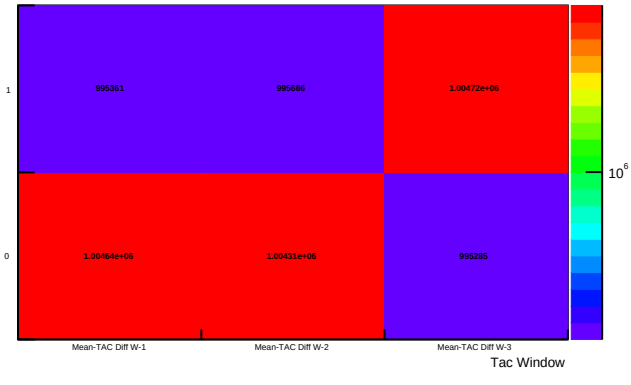
VT201 Input Ch2: ZDC Adc Sum Th



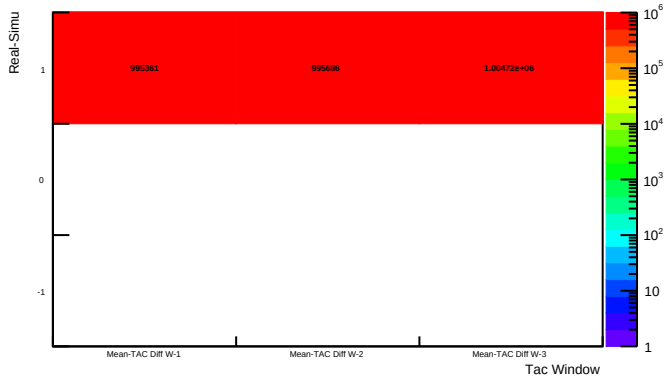
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



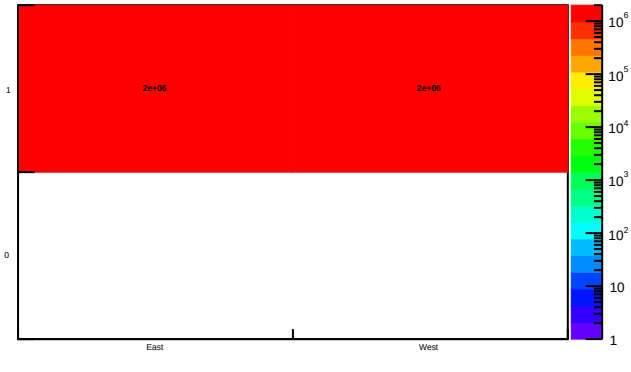
VT201 Input Ch4: VPD Tac Diff



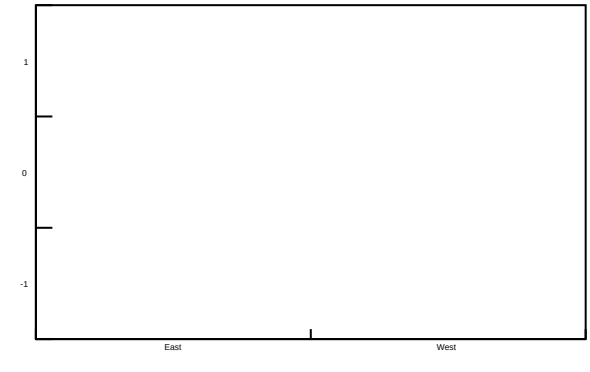
VT201 Input Ch4: VPD Tac Diff

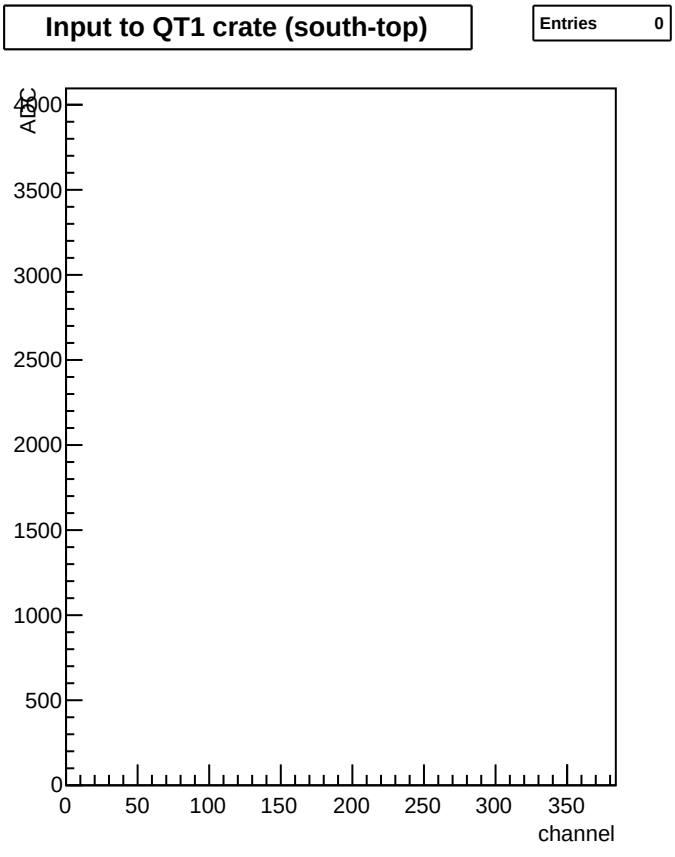


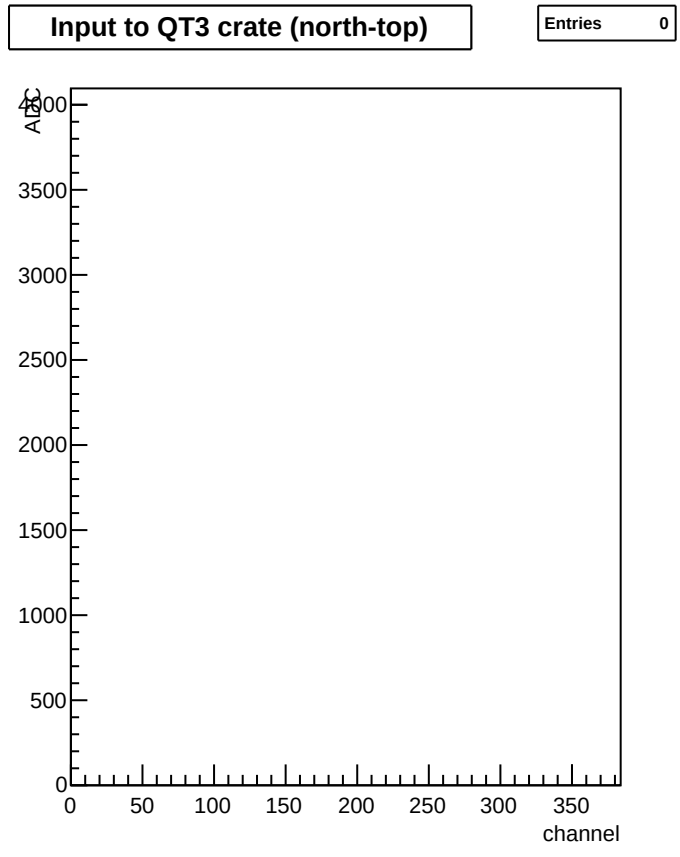
VT201 Input Ch4: VPD Adc Sum Th

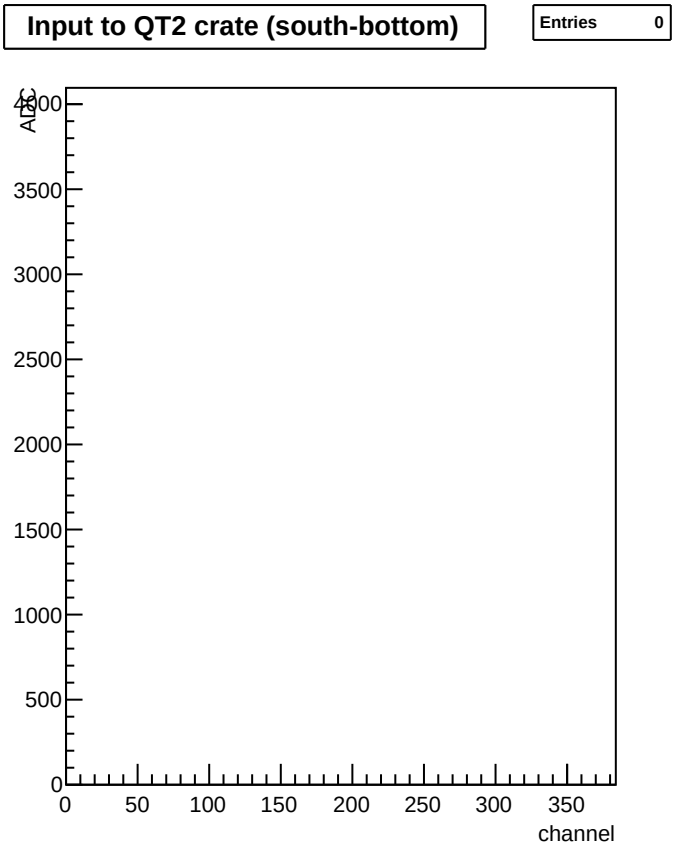


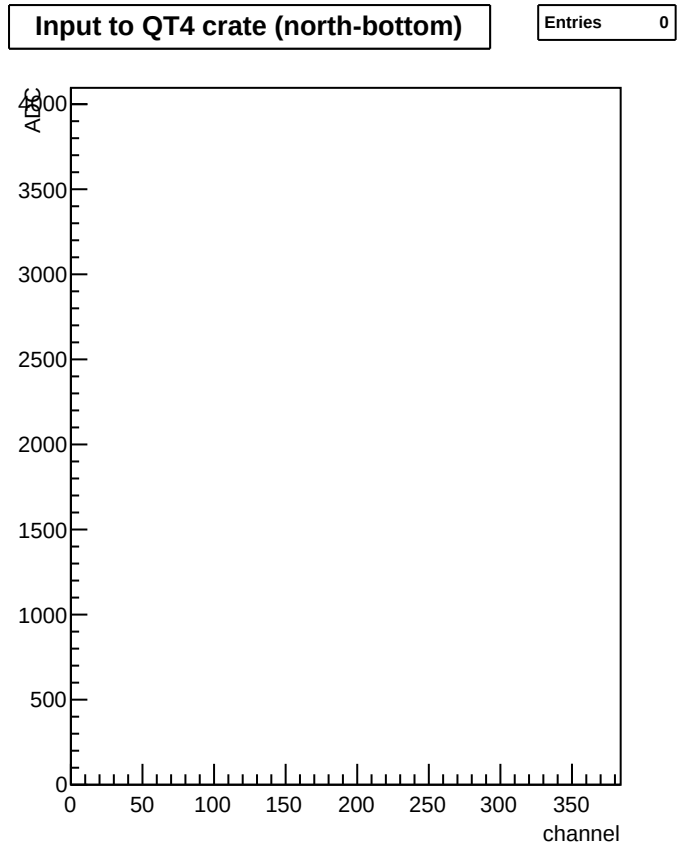
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

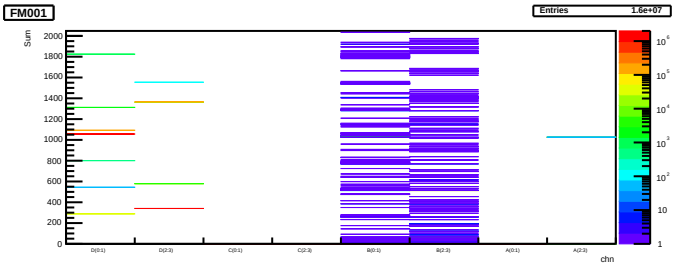


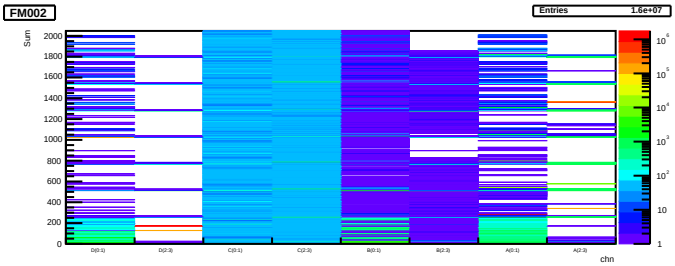

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

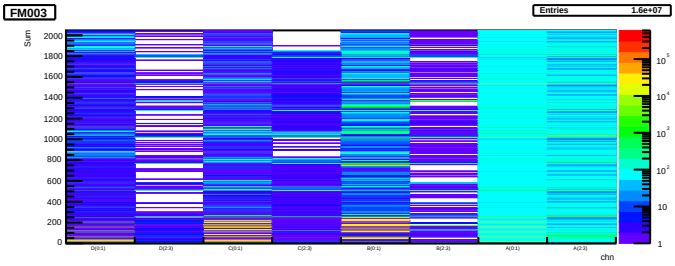

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

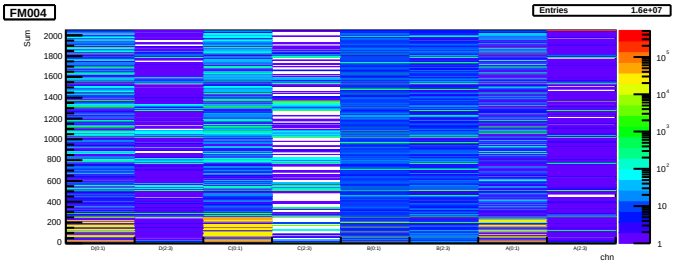

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

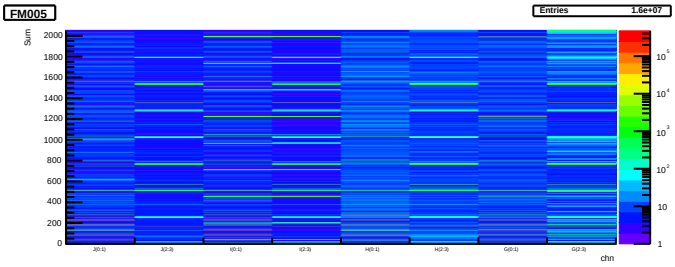

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

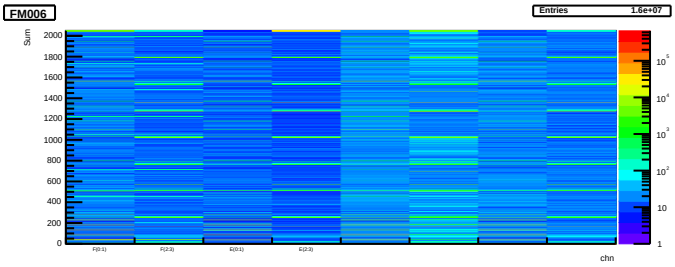

FM001
Entries 1.6e+07
Sum
chn

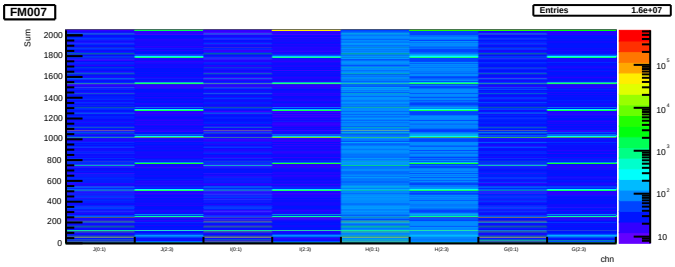

FM002
Entries 1.6e+07
Sum
chn

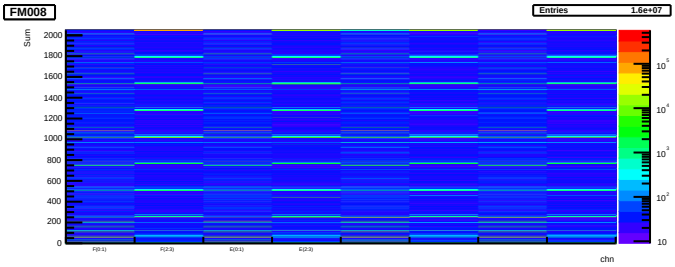

FM003
Entries 1.6e+07
Sum
chn

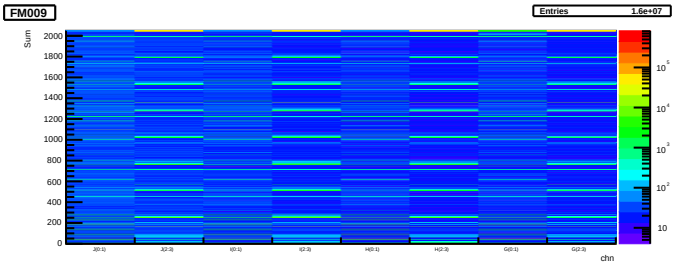

FM004
Entries 1.6e+07
Sum
chn

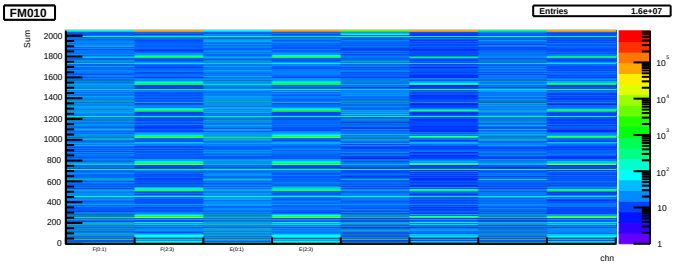

FM005
Entries 1.6e+07
Sum
chn

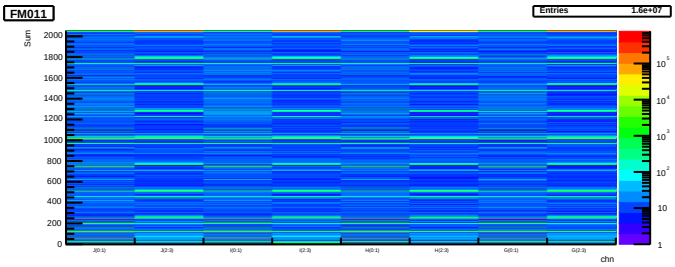

FM006
Entries 1.6e+07
Sum
chn

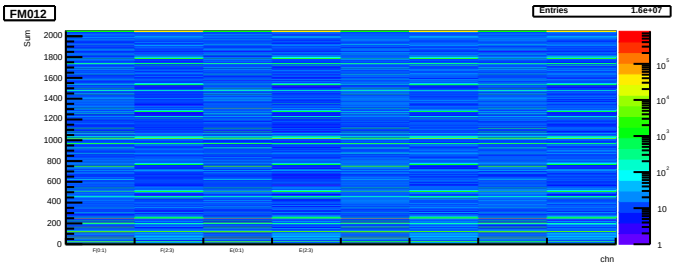

FM007
Entries 1.6e+07
Sum
chn

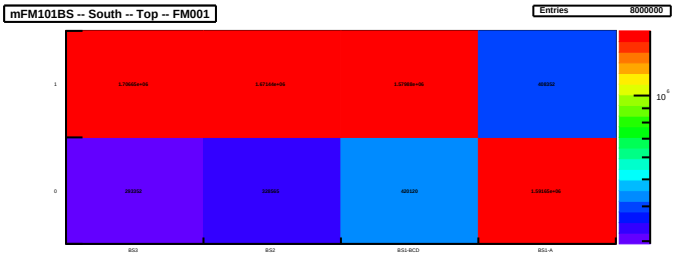

FM008
Entries 1.6e+07
Sum
chn

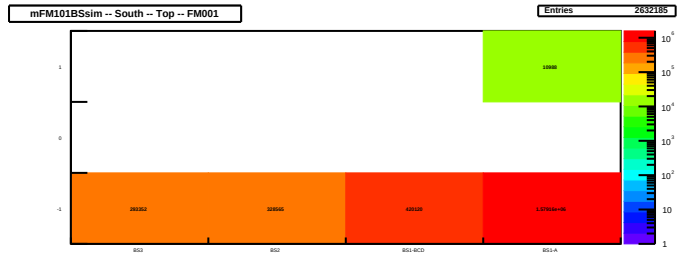

FM009
Entries 1.6e+07
Sum
chn

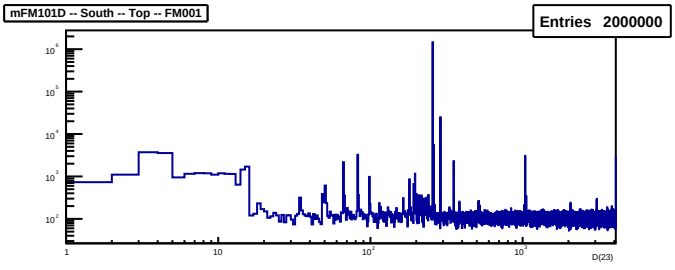

FM010
Entries 1.6e+07
Sum
chn

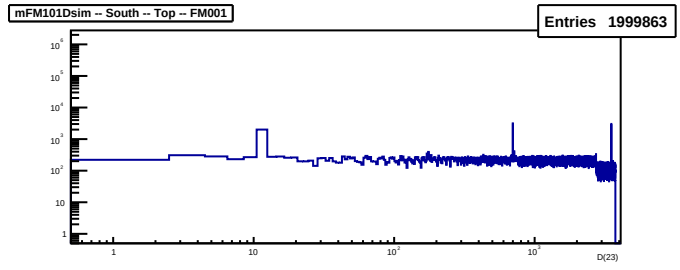

FM011
Entries 1.6e+07
Sum
chn

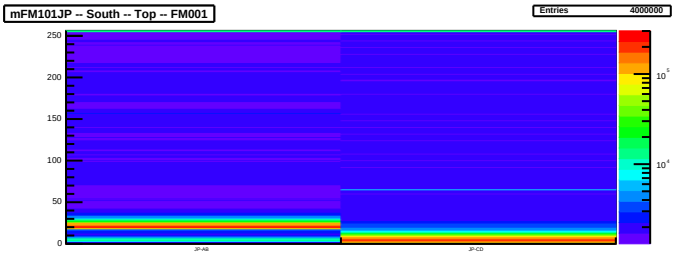

FM012
Entries 1.6e+07
Sum
chn

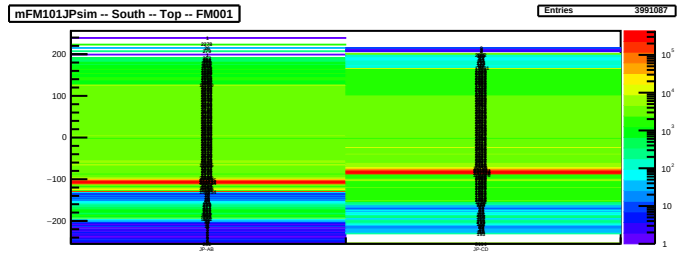

mFM101BS -- South -- Top -- FM001
Entries 8000000

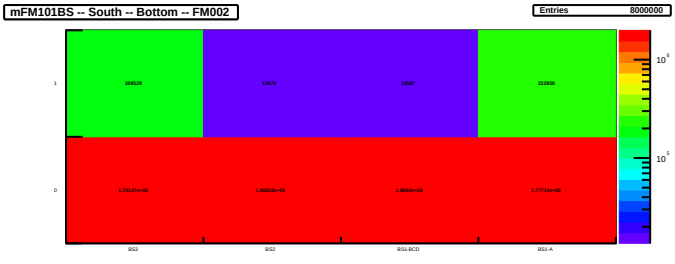

mFM101BSsim -- South -- Top -- FM001
Entries 2632185

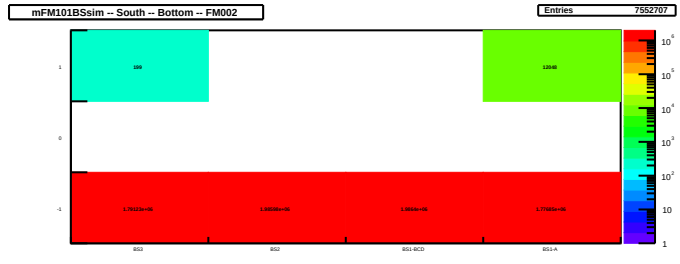

mFM101D -- South -- Top -- FM001
Entries 2000000
D(23)

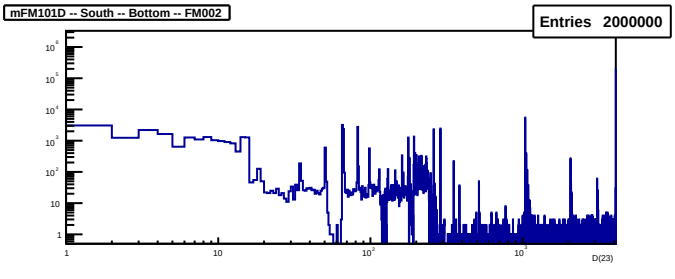

mFM101Dsim -- South -- Top -- FM001
Entries 1999863
D(23)

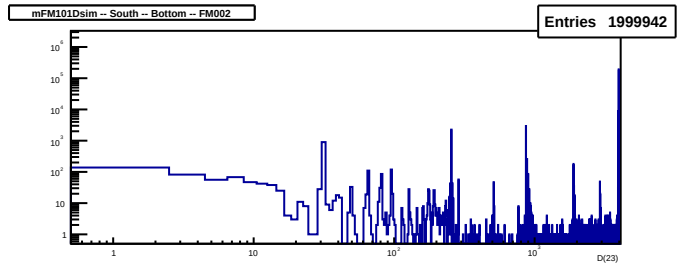

mFM101JP -- South -- Top -- FM001
Entries 4000000

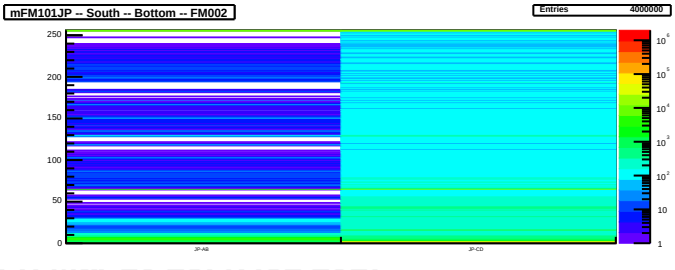

mFM101JPsim -- South -- Top -- FM001
Entries 3991087

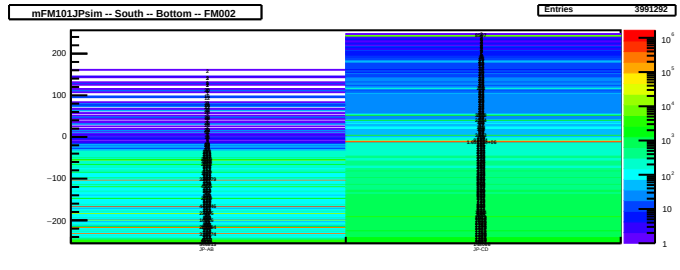

mFM101BS -- South -- Bottom -- FM002
Entries 8000000

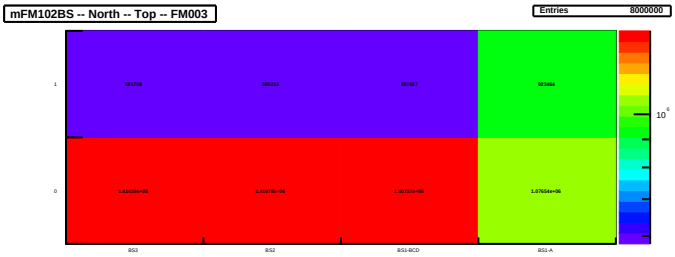

mFM101BSsim -- South -- Bottom -- FM002
Entries 7552707

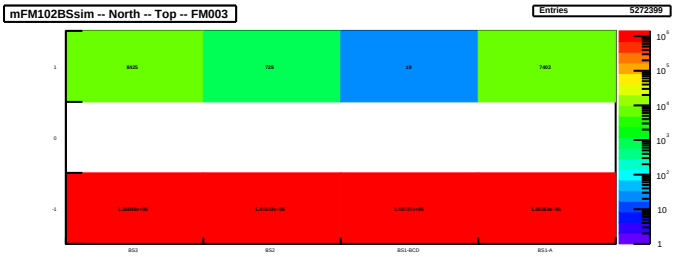

mFM101D -- South -- Bottom -- FM002
Entries 2000000
D(23)

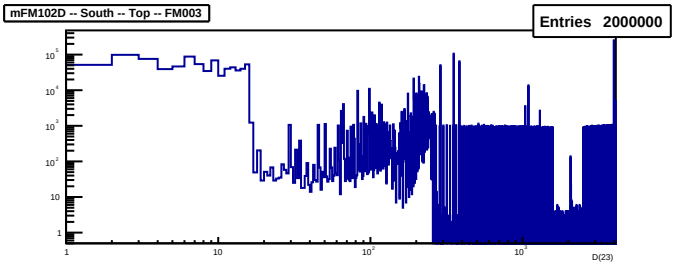

mFM101Dsim -- South -- Bottom -- FM002
Entries 1999942
D(23)

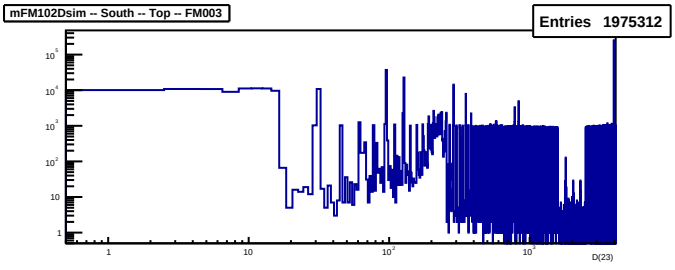

mFM101JP -- South -- Bottom -- FM002
Entries 4000000

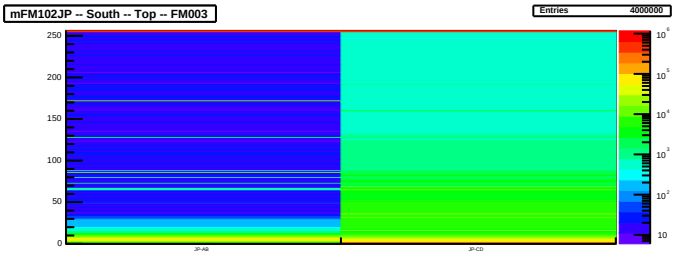

mFM101JPsim -- South -- Bottom -- FM002
Entries 3991292

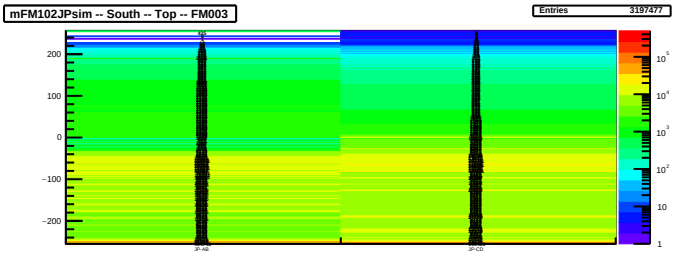

mFM102BS -- North -- Top -- FM003
Entries 8000000

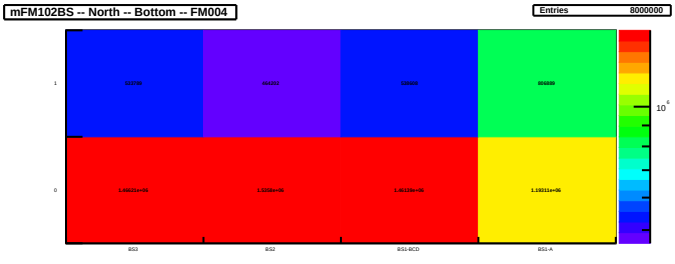

mFM102BSsim -- North -- Top -- FM003
Entries 5272399

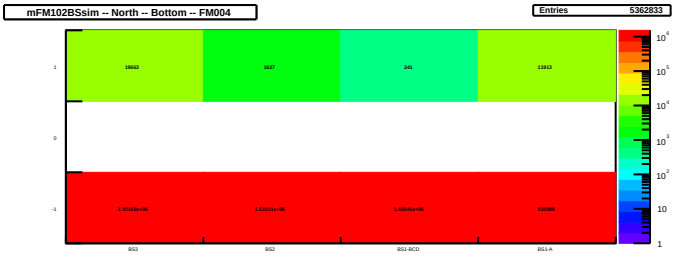

mFM102D -- South -- Top -- FM003
Entries 2000000
D(23)

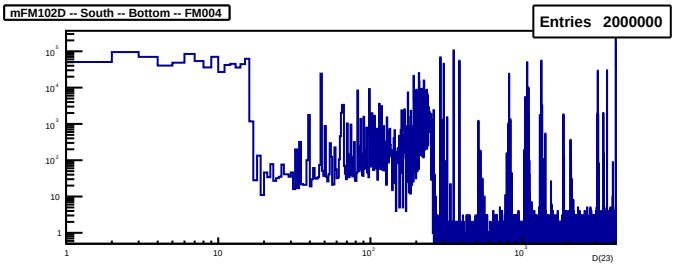

mFM102Dsim -- South -- Top -- FM003
Entries 1975312
D(23)

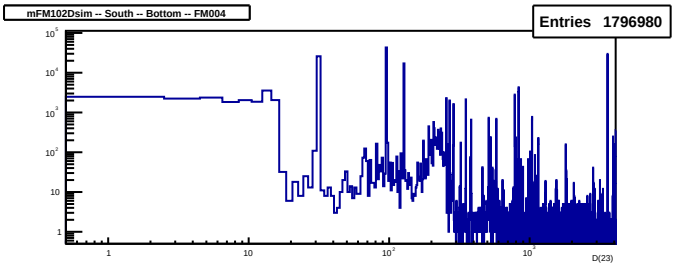

mFM102JP -- South -- Top -- FM003
Entries 4000000

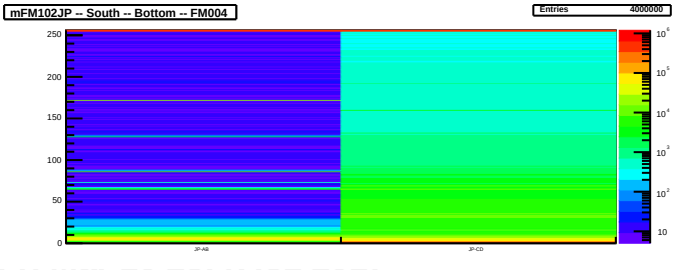

mFM102JPsim -- South -- Top -- FM003
Entries 3197477

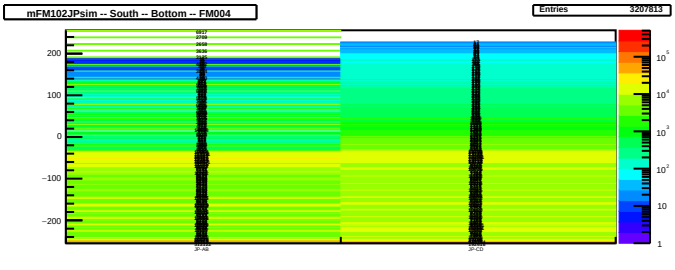

mFM102BS -- North -- Bottom -- FM004
Entries 8000000

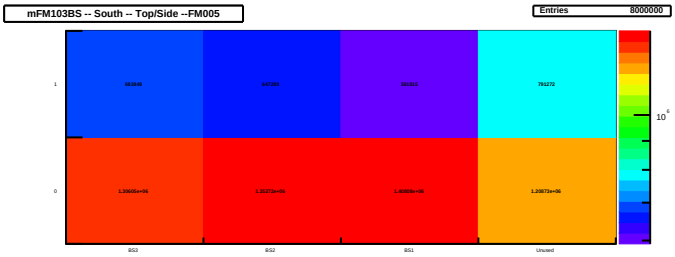

mFM102BSsim -- North -- Bottom -- FM004
Entries 5362833

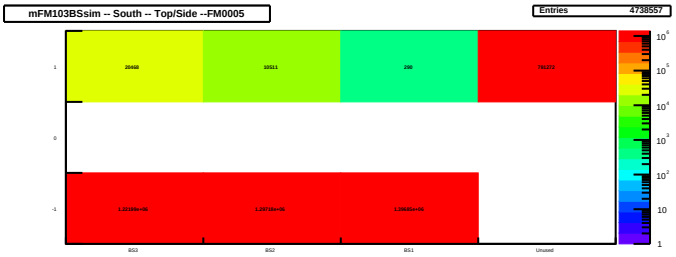

mFM102D -- South -- Bottom -- FM004
Entries 2000000
D(23)

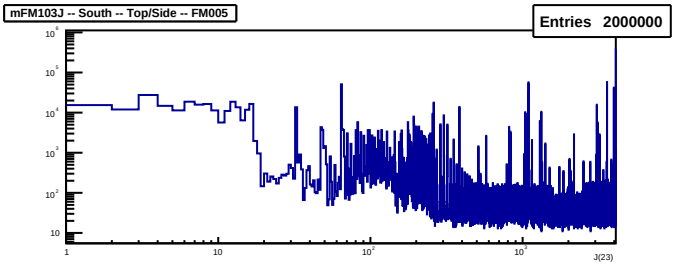

mFM102Dsim -- South -- Bottom -- FM004
Entries 1796980
D(23)

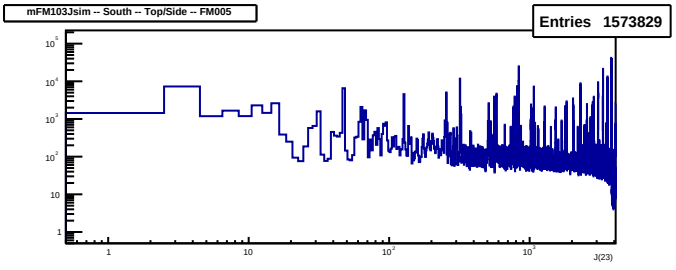

mFM102JP -- South -- Bottom -- FM004
Entries 4000000

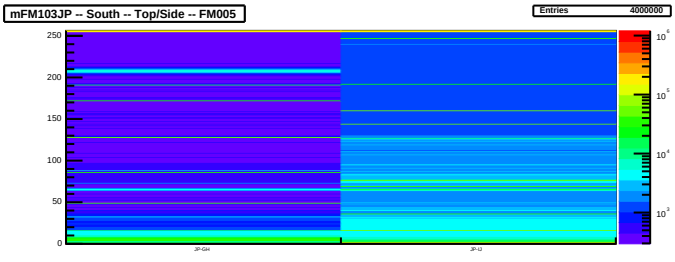

mFM102JPsim -- South -- Bottom -- FM004
Entries 3207813

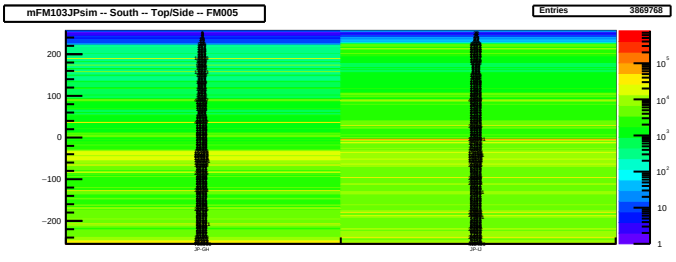

mFM103BS -- South -- Top/Side --FM005
Entries 8000000

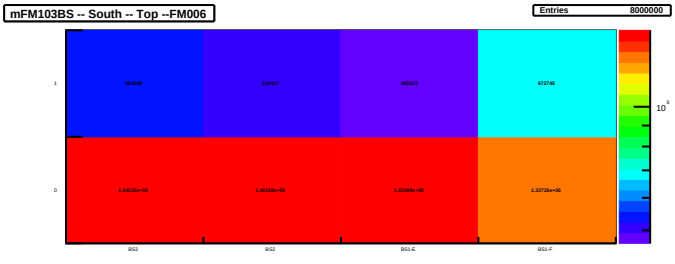

mFM103BSsim -- South -- Top/Side --FM0005
Entries 4738557

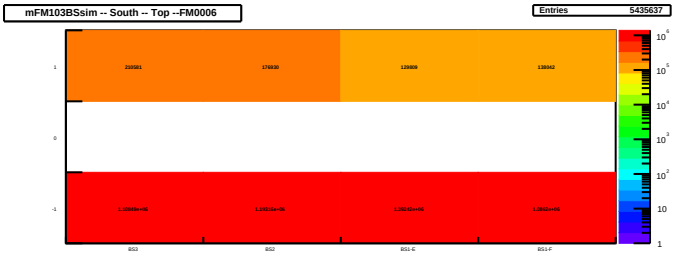

mFM103J -- South -- Top/Side -- FM005
Entries 2000000
J(23)

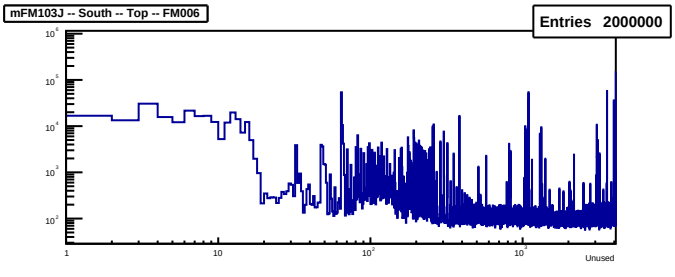

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1573829
J(23)

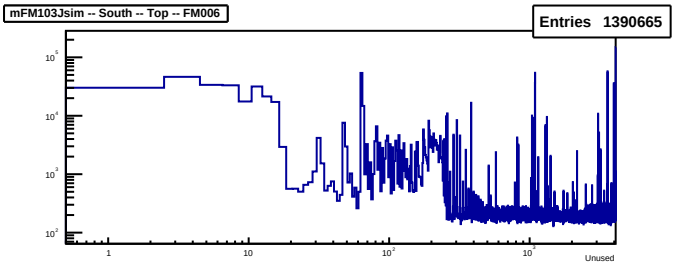

mFM103JP -- South -- Top/Side -- FM005
Entries 4000000

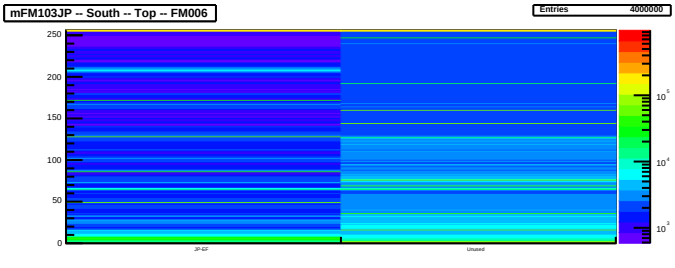

mFM103JPsim -- South -- Top/Side -- FM005
Entries 3869768

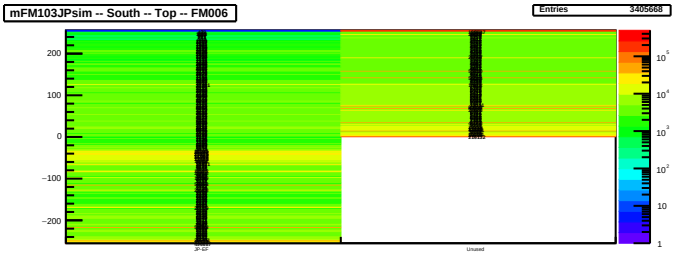

mFM103BS -- South -- Top --FM006
Entries 8000000

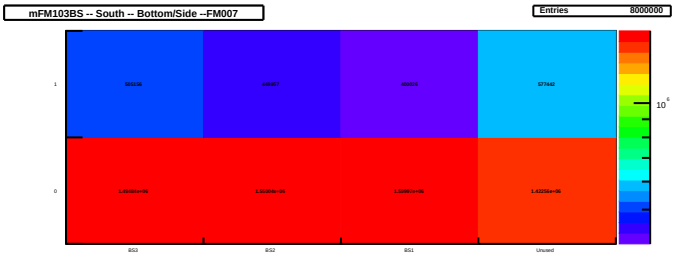

mFM103BSsim -- South -- Top --FM0006
Entries 5435637

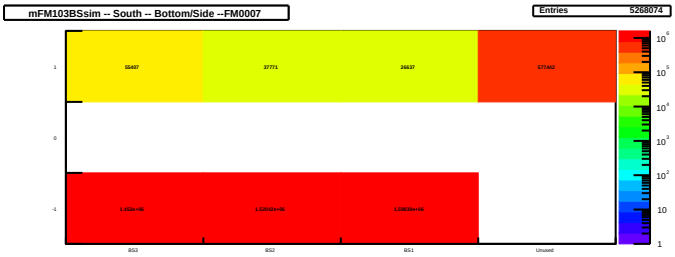

mFM103J -- South -- Top -- FM006
Entries 2000000
Unused

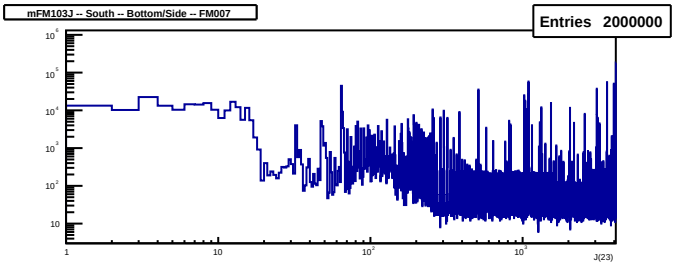

mFM103Jsim -- South -- Top -- FM006
Entries 1390665
Unused

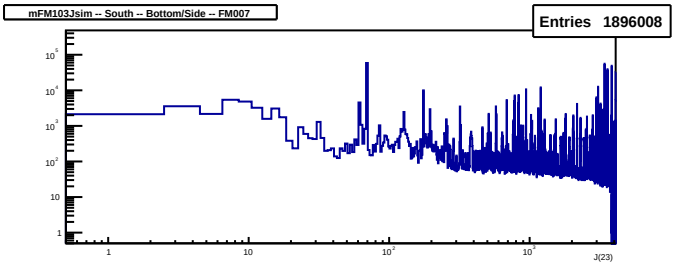

mFM103JP -- South -- Top -- FM006
Entries 4000000

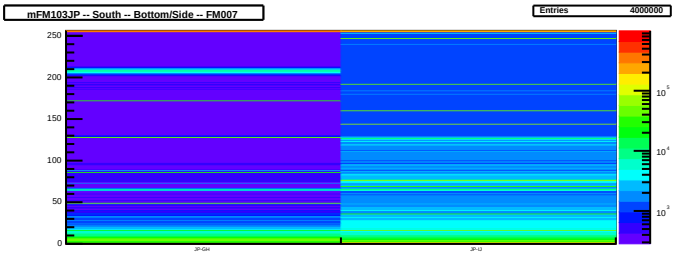

mFM103JPsim -- South -- Top -- FM006
Entries 3405668

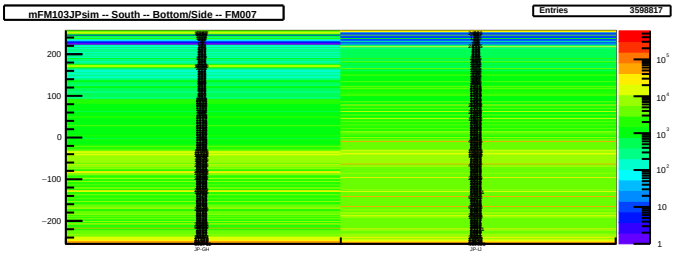

mFM103BS -- South -- Bottom/Side --FM007
Entries 8000000
565156
449967
409326
577442
1.49464e+06
1.19304e+06
1.08957e+06
1.42356e+06
BS3
BS2
BS1
Unused

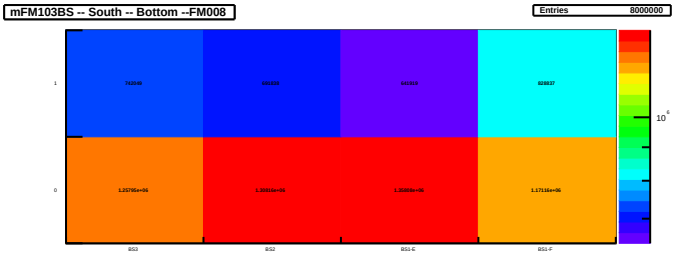

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 5268074
56497
37771
24637
577442
1.452e+06
1.12542e+06
1.02839e+06
BS3
BS2
BS1
Unused

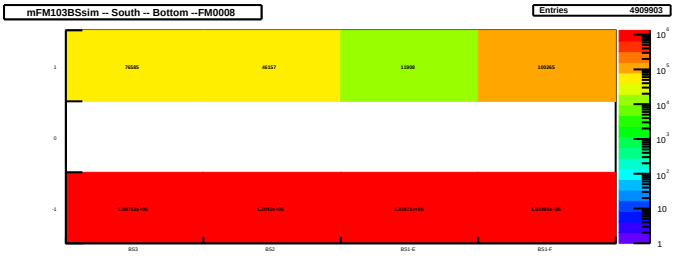

mFM103J -- South -- Bottom/Side -- FM007
Entries 2000000
J(23)

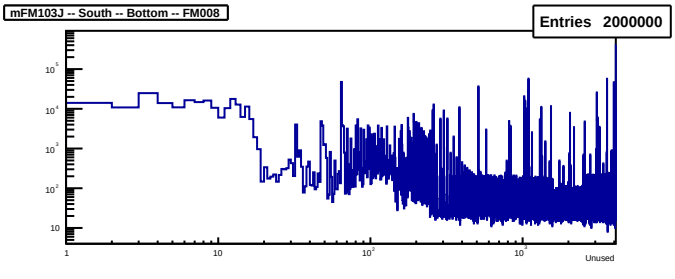

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 1896008
J(23)

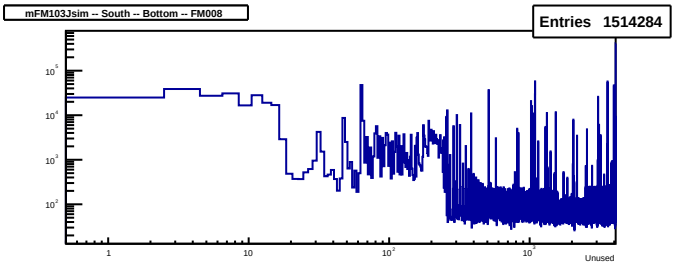

mFM103JP -- South -- Bottom/Side -- FM007
Entries 4000000
JP-GH
JP-IJ

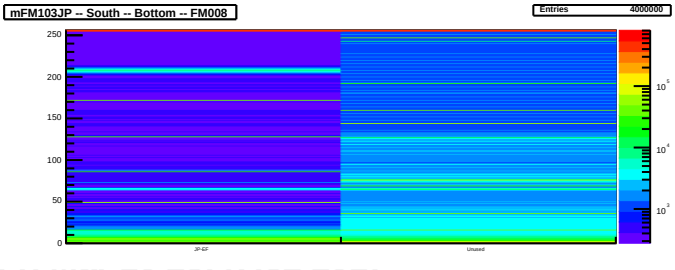

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 3598817
JP-GH
JP-IJ

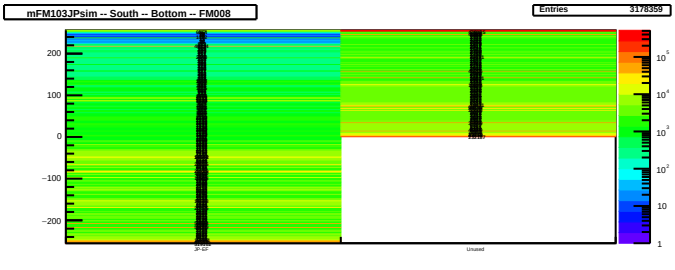

mFM103BS -- South -- Bottom --FM008
Entries 8000000
742649
655836
641919
828837
1.25795e+06
1.30016e+06
1.35809e+06
1.17116e+06
BS3
BS2
BS1-E
BS1-F

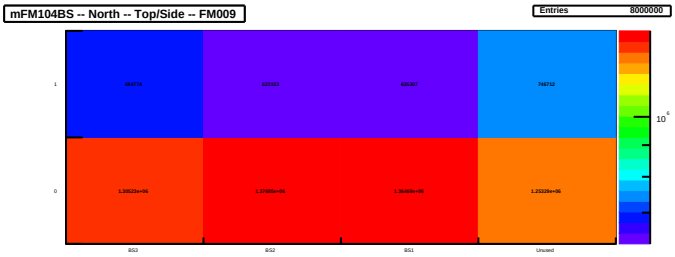

mFM103BSsim -- South -- Bottom --FM0008
Entries 4909903
76585
46157
11908
103265
1.06712e+06
1.2043e+06
1.32871e+06
1.04986e+06
BS3
BS2
BS1-E
BS1-F

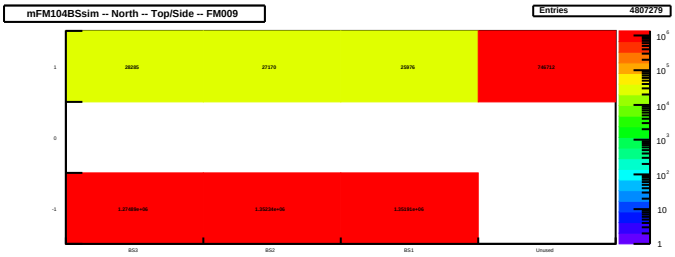

mFM103J -- South -- Bottom -- FM008
Entries 2000000
Unused

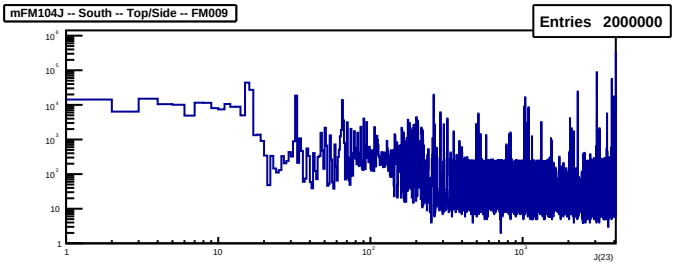

mFM103Jsim -- South -- Bottom -- FM008
Entries 1514284
Unused

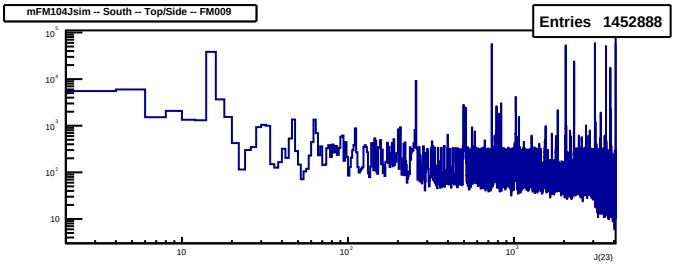

mFM103JP -- South -- Bottom -- FM008
Entries 4000000
JP-EF
Unused

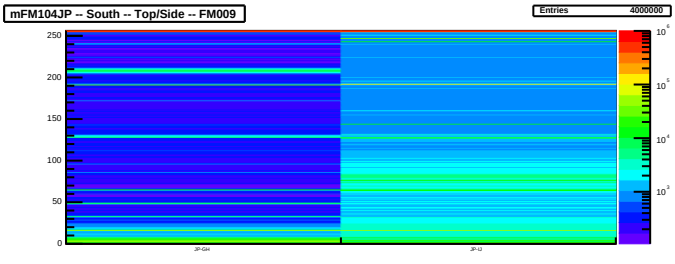

mFM103JPsim -- South -- Bottom -- FM008
Entries 3178359
JP-EF
Unused

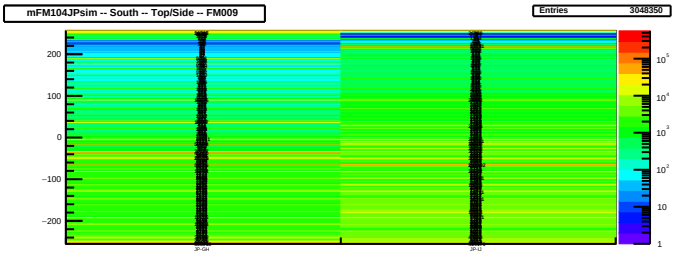

mFM104BS -- North -- Top/Side -- FM009
Entries 8000000

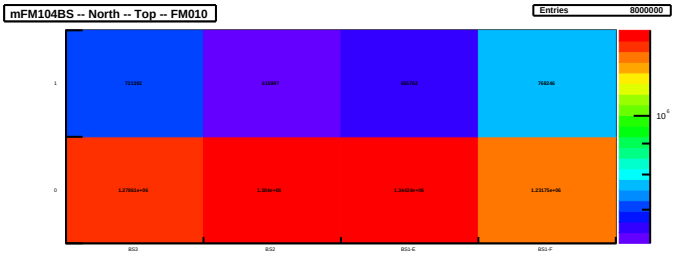

mFM104BSsim -- North -- Top/Side -- FM009
Entries 4807279

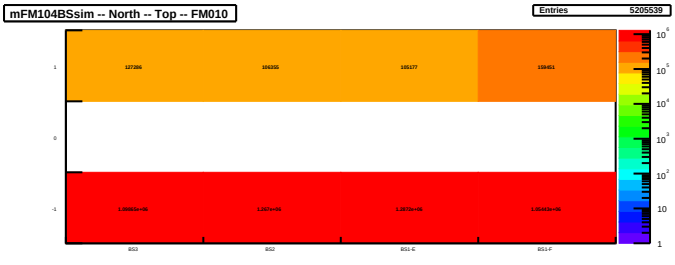

mFM104J -- South -- Top/Side -- FM009
Entries 2000000
J(23)

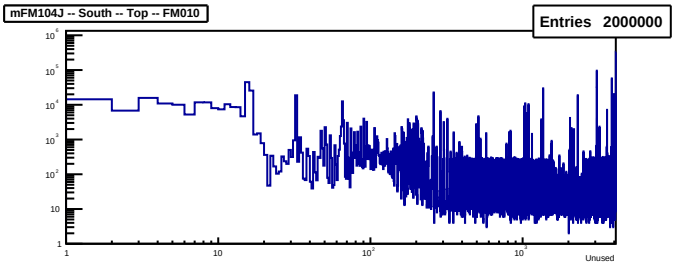

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1452888
J(23)

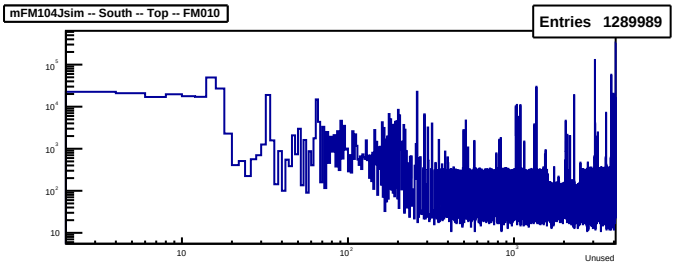

mFM104JP -- South -- Top/Side -- FM009
Entries 4000000

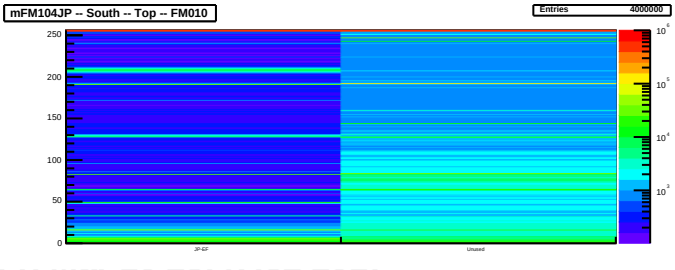

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3048350

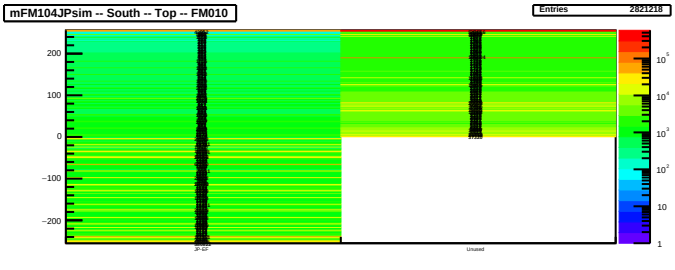

mFM104BS -- North -- Top -- FM010
Entries 8000000

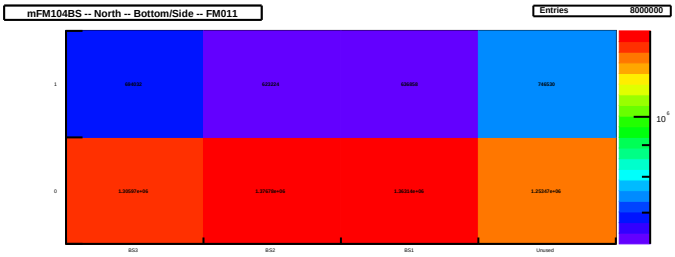

mFM104BSsim -- North -- Top -- FM010
Entries 5205539

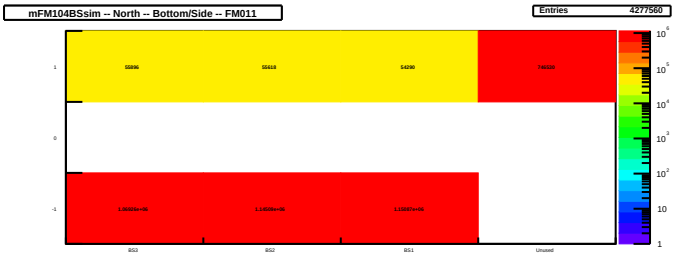

mFM104J -- South -- Top -- FM010
Entries 2000000
Unused

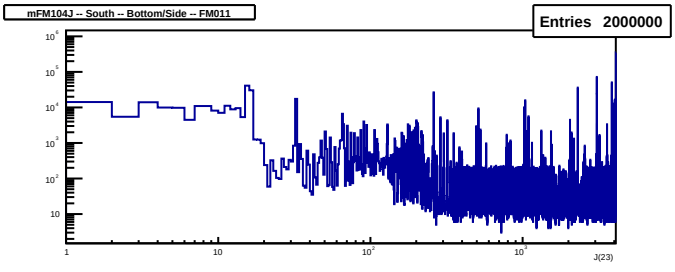

mFM104Jsim -- South -- Top -- FM010
Entries 1289989
Unused

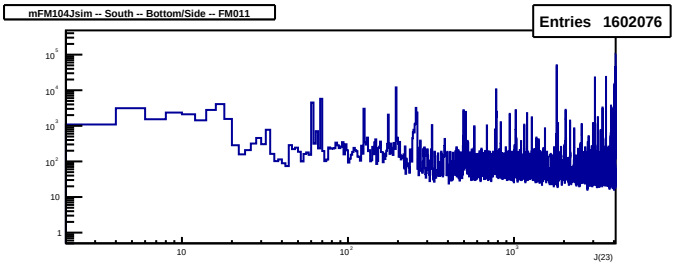

mFM104JP -- South -- Top -- FM010
Entries 4000000

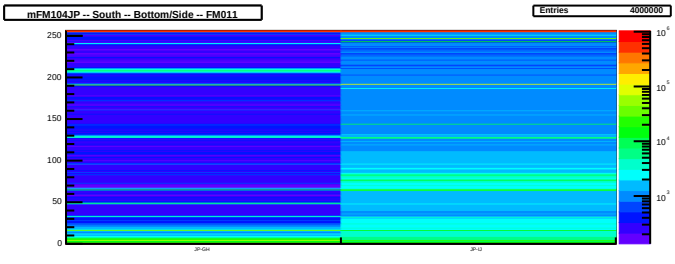

mFM104JPsim -- South -- Top -- FM010
Entries 2821218

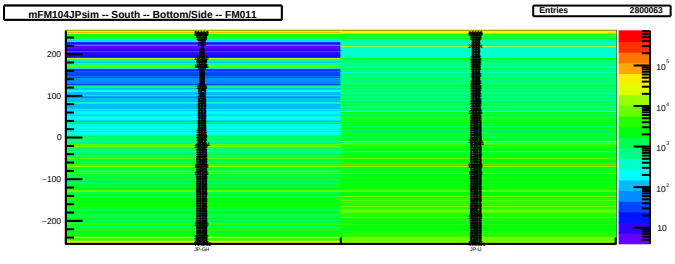

mFM104BS -- North -- Bottom/Side -- FM011
Entries 8000000

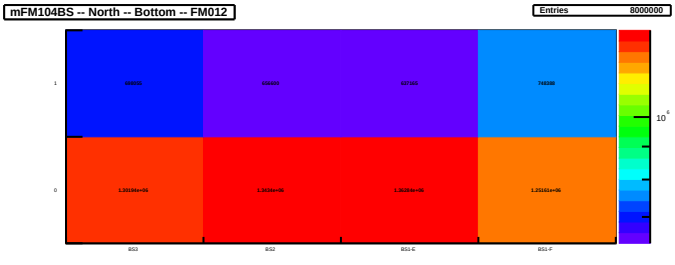

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4277560

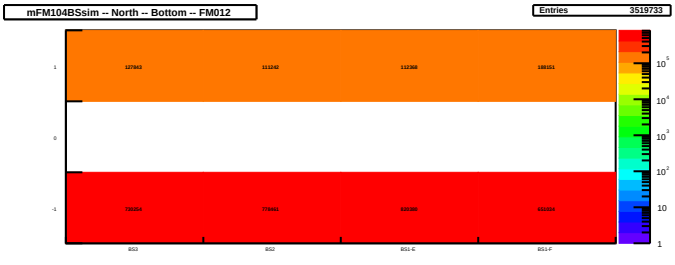

mFM104J -- South -- Bottom/Side -- FM011
Entries 2000000
J(23)

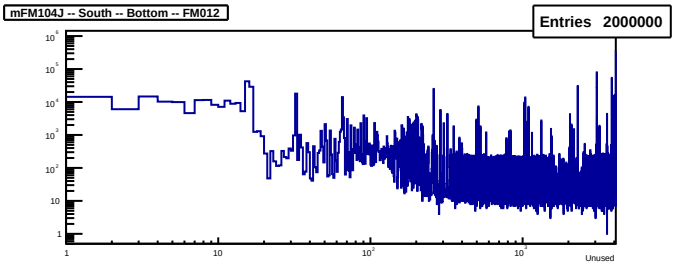

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1602076
J(23)

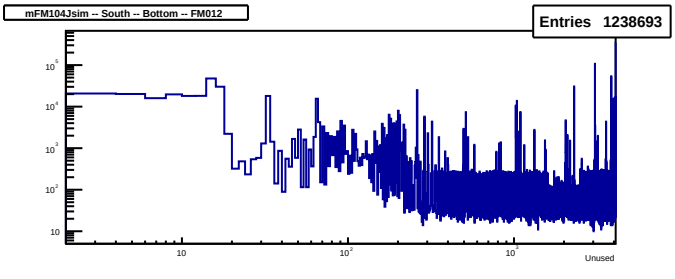

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4000000

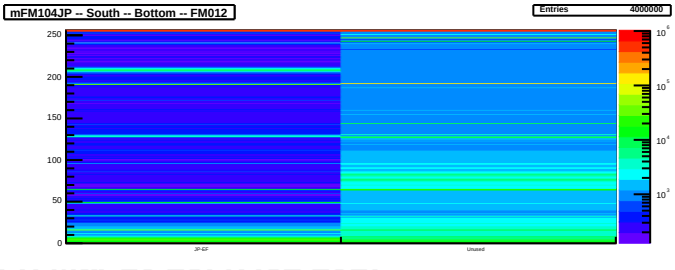

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2800063

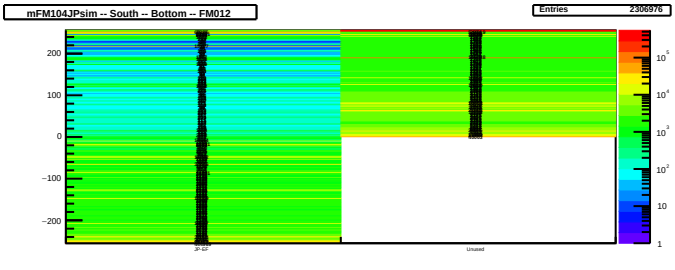

mFM104BS -- North -- Bottom -- FM012
Entries 8000000

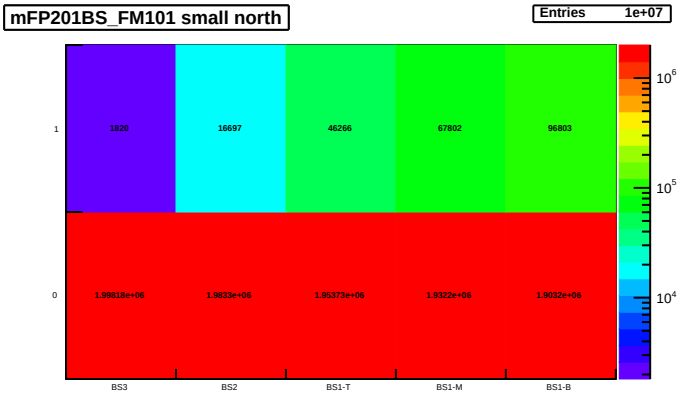

mFM104BSsim -- North -- Bottom -- FM012
Entries 3519733

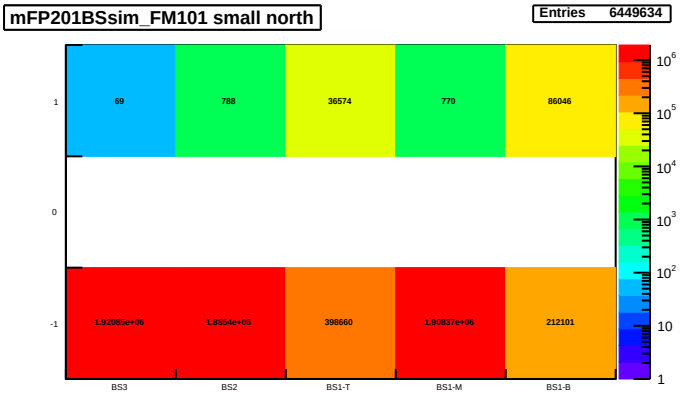

mFM104J -- South -- Bottom -- FM012
Entries 2000000
Unused

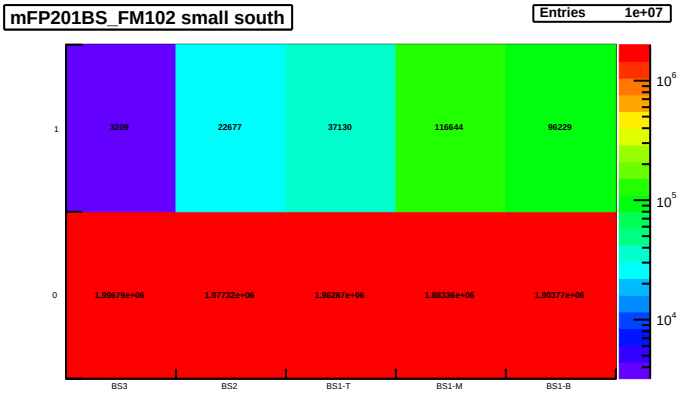

mFM104Jsim -- South -- Bottom -- FM012
Entries 1238693
Unused

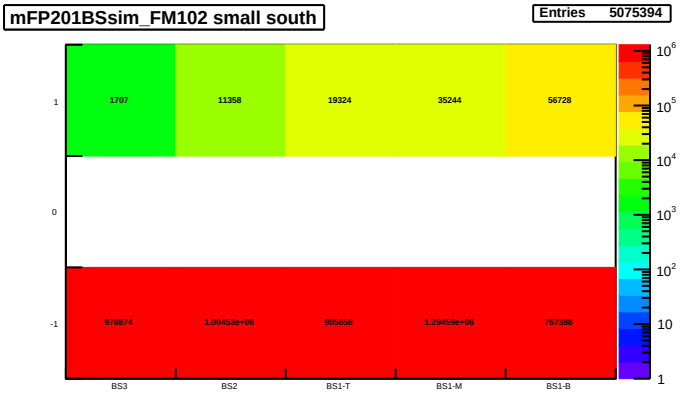

mFM104JP -- South -- Bottom -- FM012
Entries 4000000

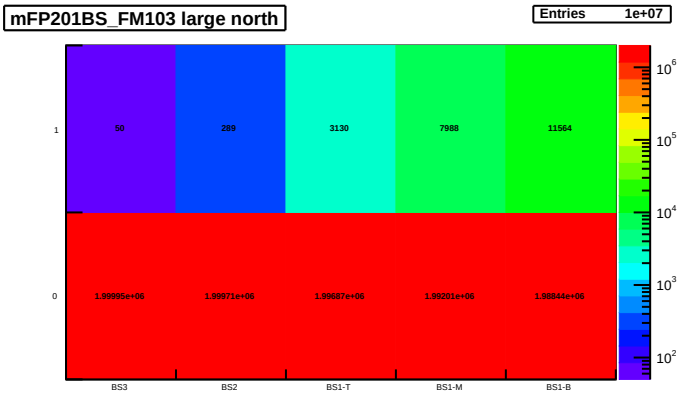

mFM104JPsim -- South -- Bottom -- FM012
Entries 2306976

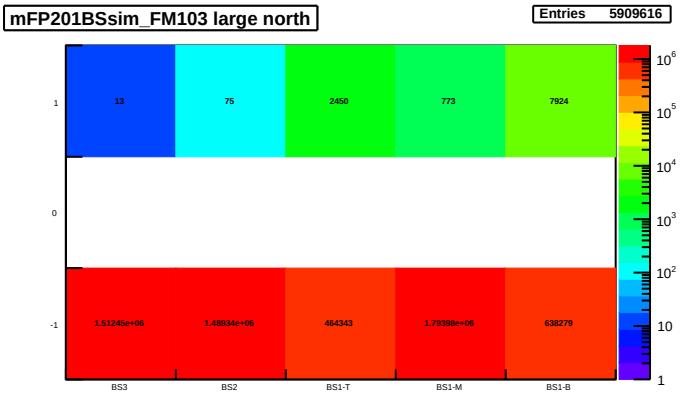

mFP201BS_FM101 small north
Entries 1e+07
1820
16697
46266
67802
96803
1.99818e+06
1.9833e+06
1.95373e+06
1.9322e+06
1.9032e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

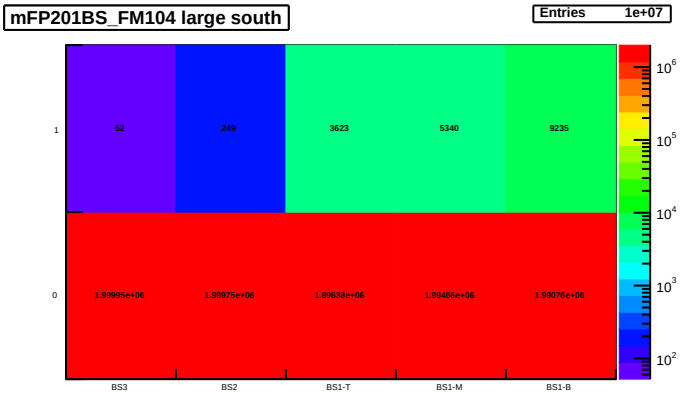

mFP201BSsim_FM101 small north
Entries 6449634
69
788
36574
770
86046
1.92085e+06
1.8854e+06
398660
1.90837e+06
212101
BS3
BS2
BS1-T
BS1-M
BS1-B

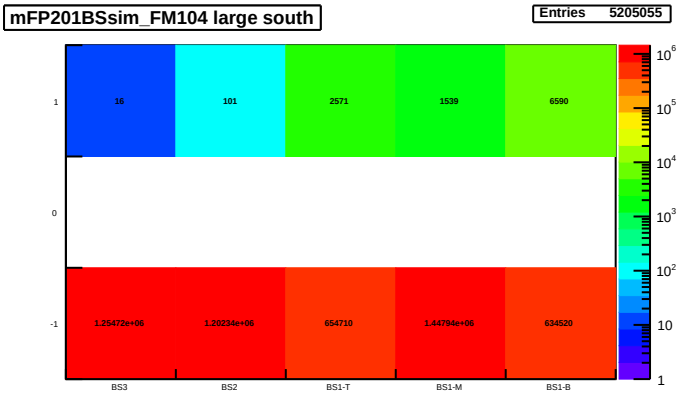

mFP201BS_FM102 small south
Entries 1e+07
3209
22677
37130
116644
96229
1.99679e+06
1.97732e+06
1.96287e+06
1.88336e+06
1.90377e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

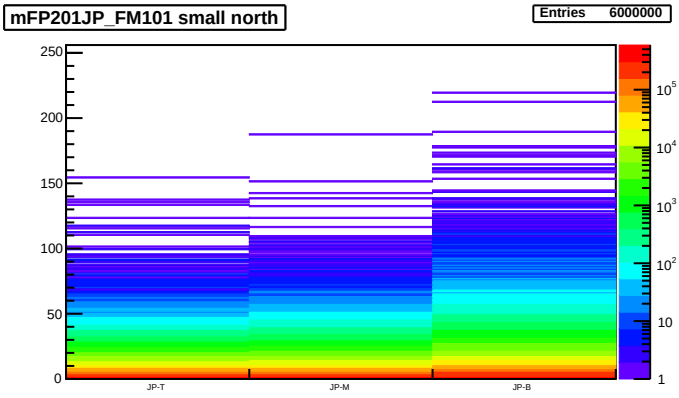

mFP201BSsim_FM102 small south
Entries 5075394
1707
11358
19324
35244
56728
978874
1.00453e+06
905658
1.29459e+06
767388
BS3
BS2
BS1-T
BS1-M
BS1-B

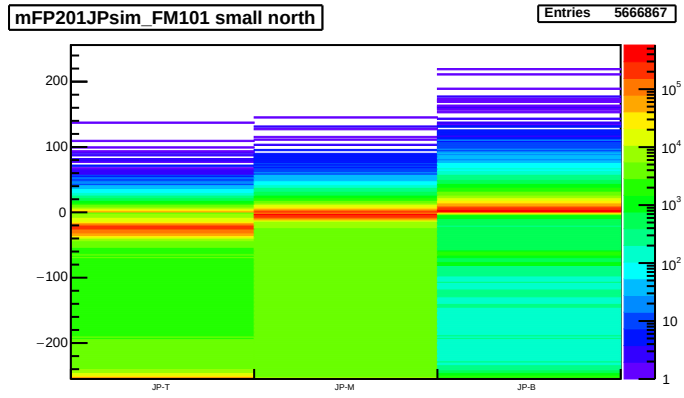

mFP201BS_FM103 large north
Entries 1e+07
50
289
3130
7988
11564
1.99995e+06
1.99971e+06
1.99687e+06
1.99201e+06
1.98844e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

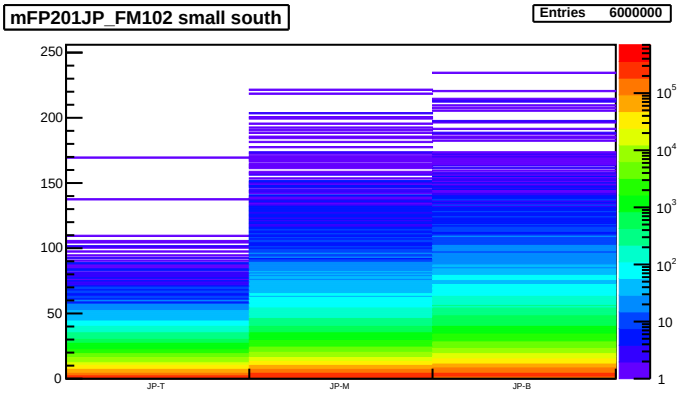

mFP201BSsim_FM103 large north
Entries 5909616
13
75
2450
773
7924
1.51245e+06
1.48934e+06
464343
1.79398e+06
638279
BS3
BS2
BS1-T
BS1-M
BS1-B

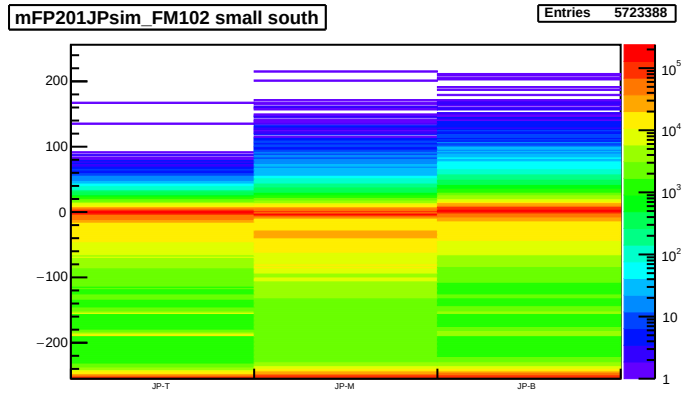

mFP201BS_FM104 large south
Entries 1e+07
52
249
3623
5340
9235
1.99995e+06
1.99975e+06
1.99638e+06
1.99466e+06
1.99076e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

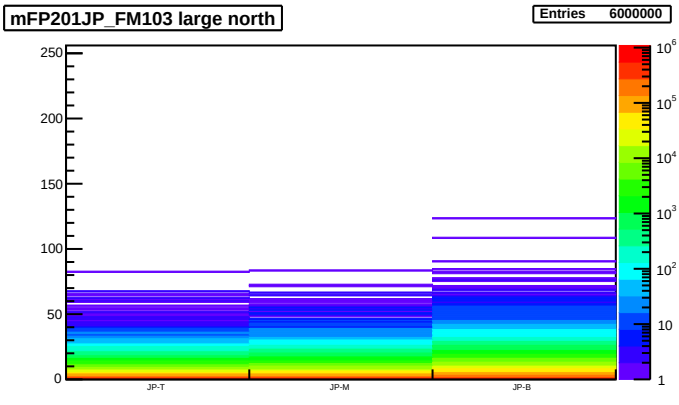

mFP201BSsim_FM104 large south
Entries 5205055
16
101
2571
1539
6590
1.25472e+06
1.20234e+06
654710
1.44794e+06
634520
BS3
BS2
BS1-T
BS1-M
BS1-B

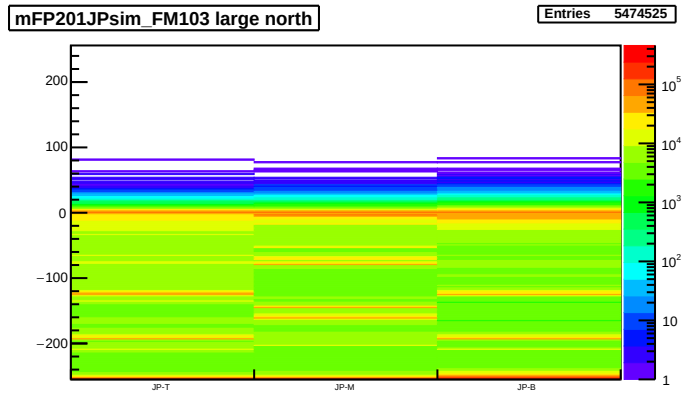

mFP201JP_FM101 small north
Entries 6000000
JP-T
JP-M
JP-B

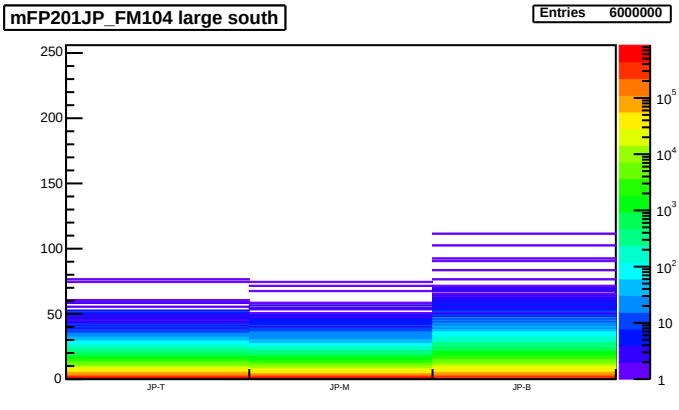

mFP201JPsim_FM101 small north
Entries 5666867
JP-T
JP-M
JP-B

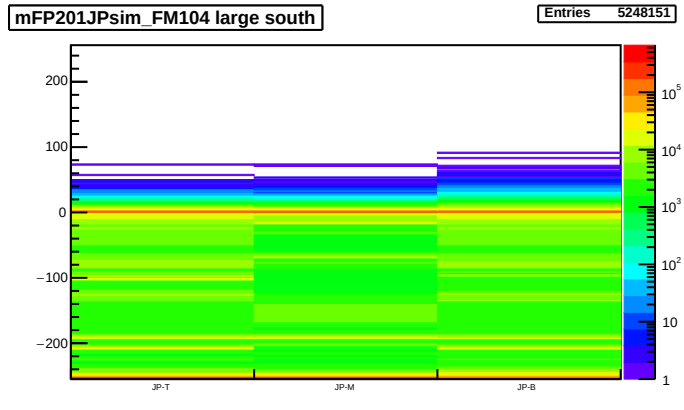

mFP201JP_FM102 small south
Entries 6000000
JP-T
JP-M
JP-B

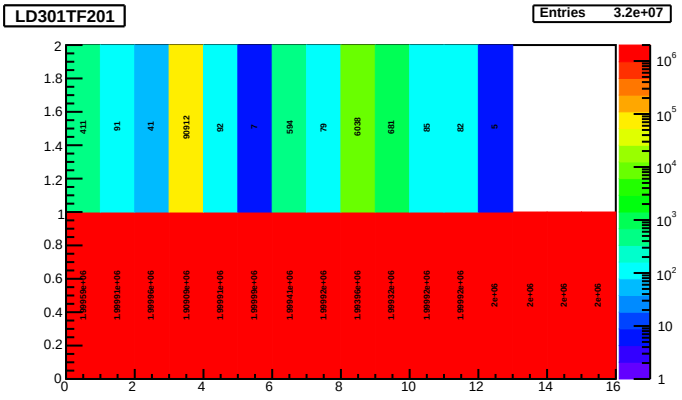

mFP201JPsim_FM102 small south
Entries 5723388
JP-T
JP-M
JP-B

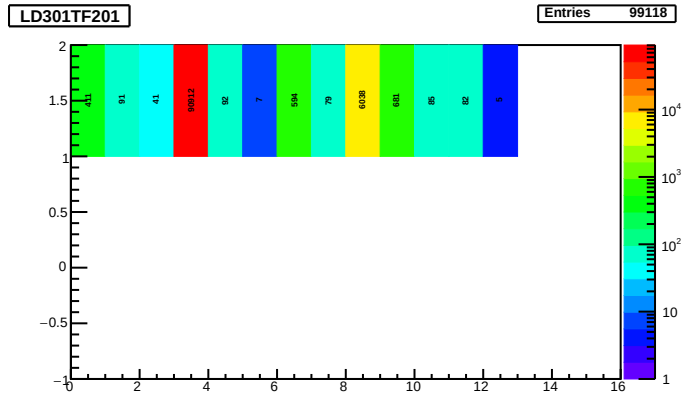

mFP201JP_FM103 large north
Entries 6000000
JP-T
JP-M
JP-B

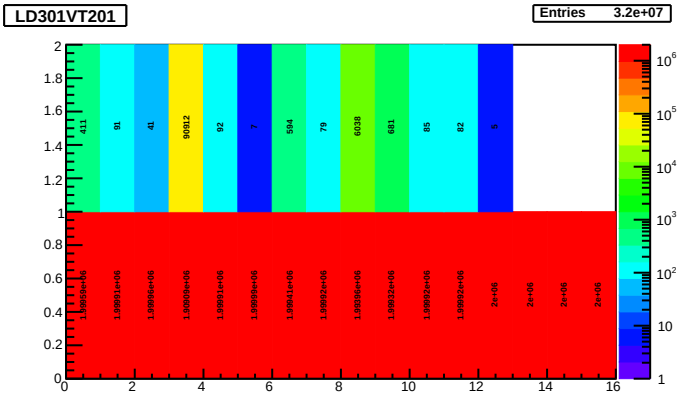

mFP201JPsim_FM103 large north
Entries 5474525
JP-T
JP-M
JP-B

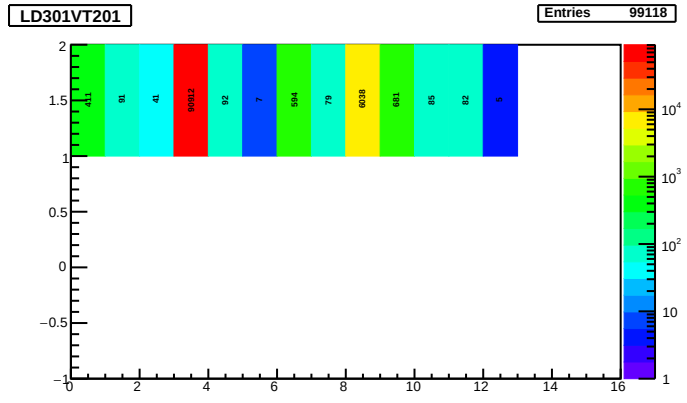

mFP201JP_FM104 large south
Entries 6000000
JP-T
JP-M
JP-B

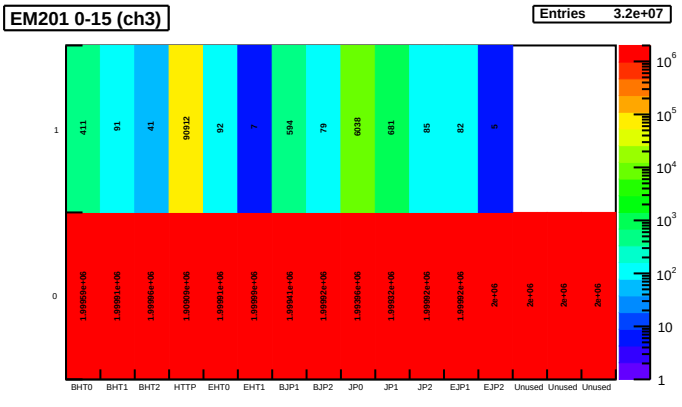

mFP201JPsim_FM104 large south
Entries 5248151
JP-T
JP-M
JP-B

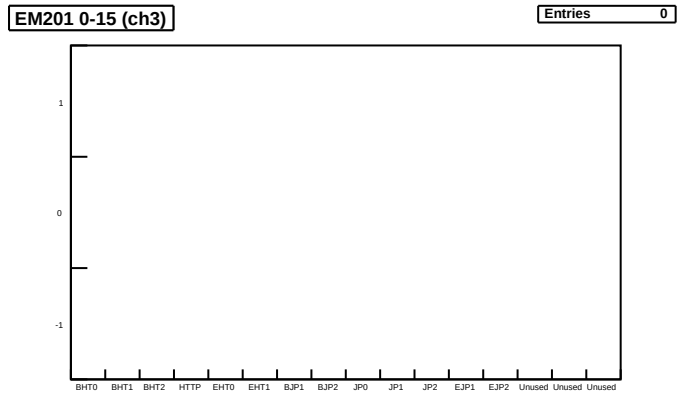

LD301TF201
Entries 3.2e+07

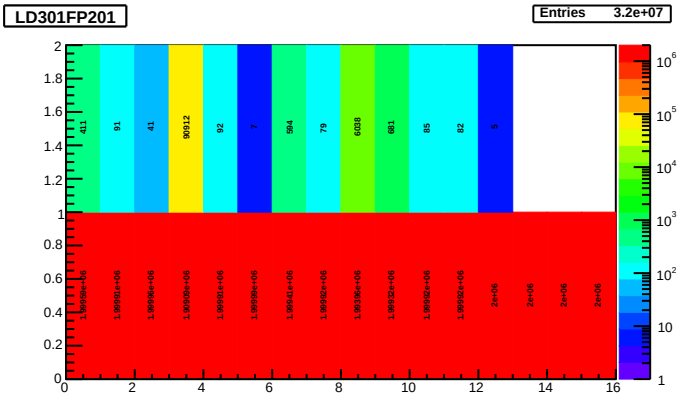

LD301TF201
Entries 99118

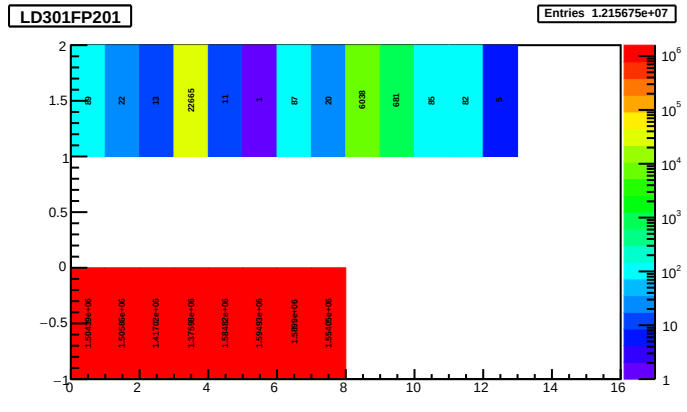

LD301VT201
Entries 3.2e+07


LD301VT201
Entries 99118


EM201 0-15 (ch3)
Entries 3.2e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 3.2e+07


LD301FP201
Entries 1.215675e+07