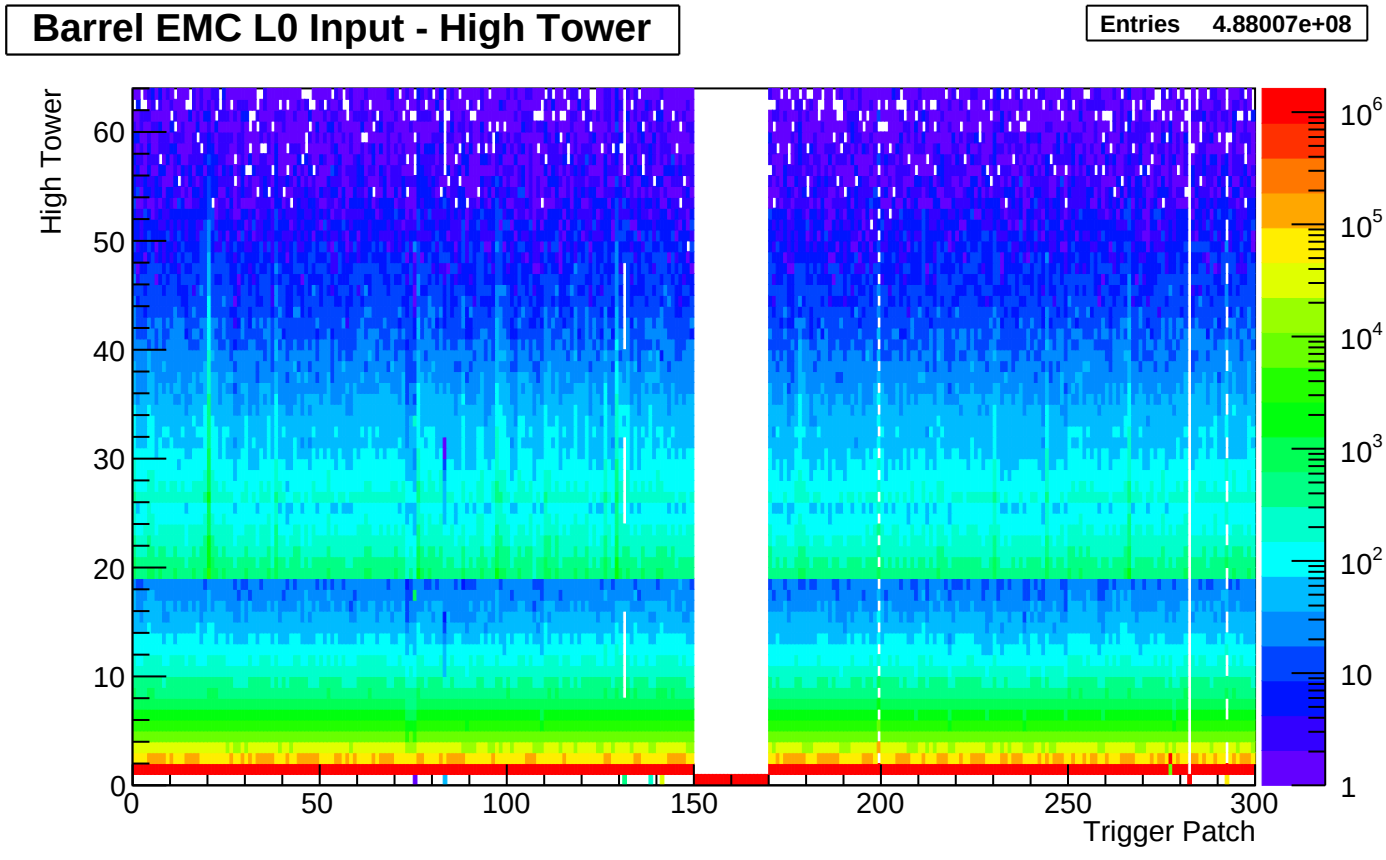
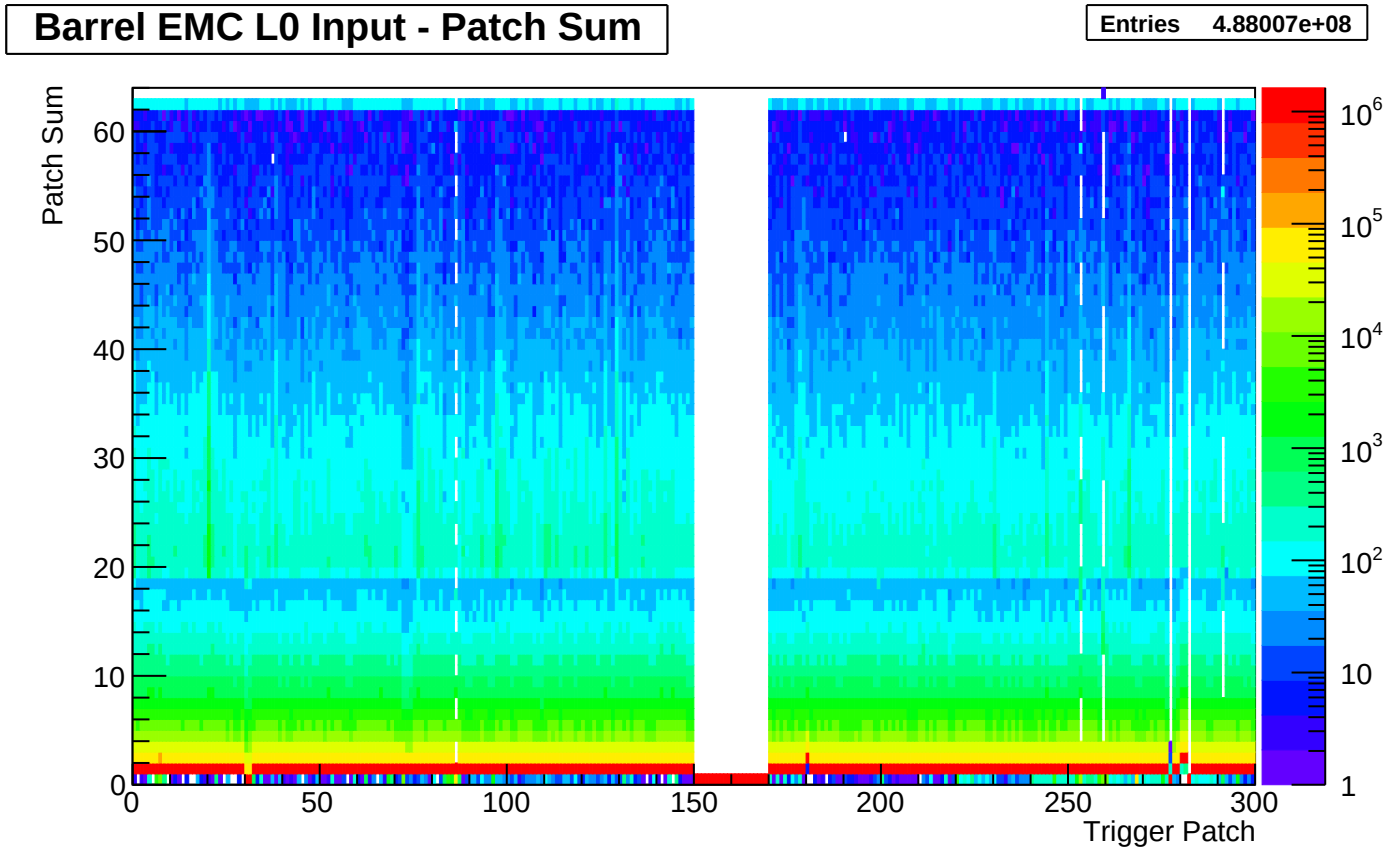
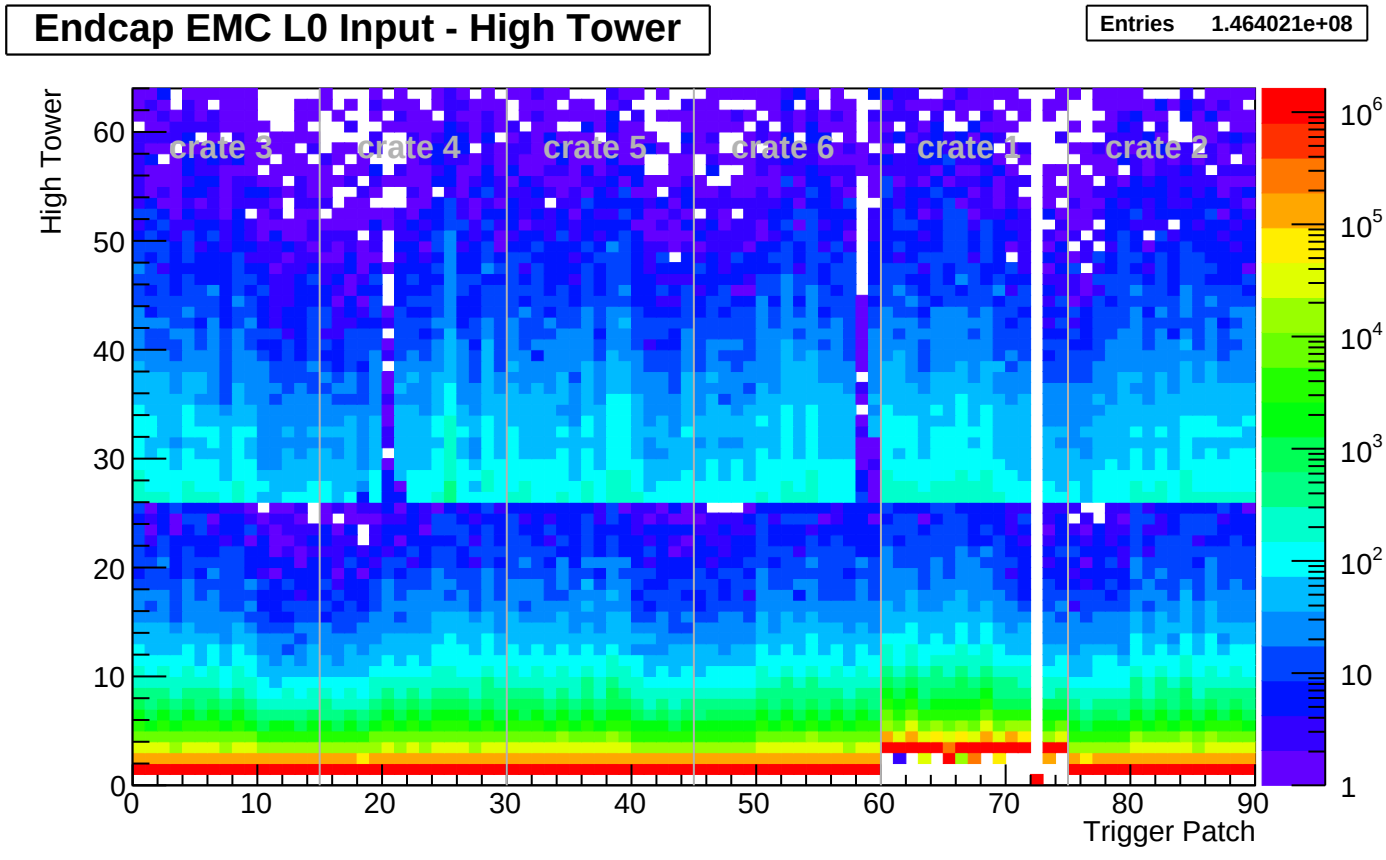
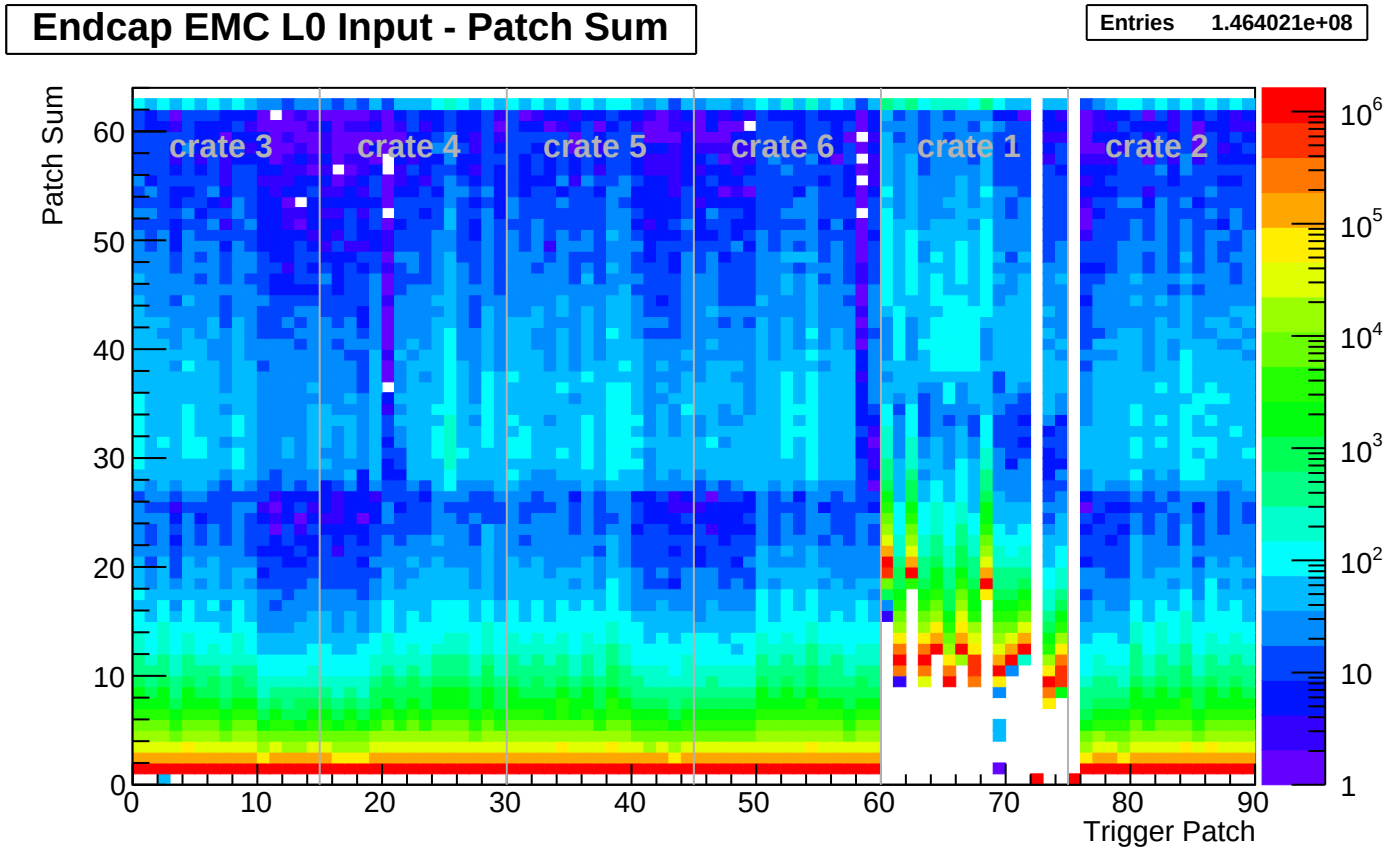
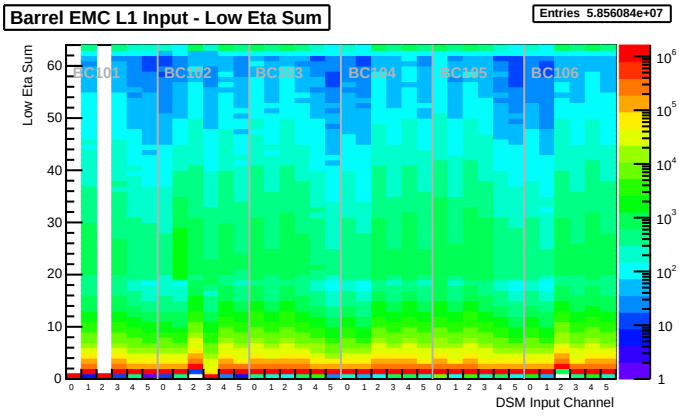
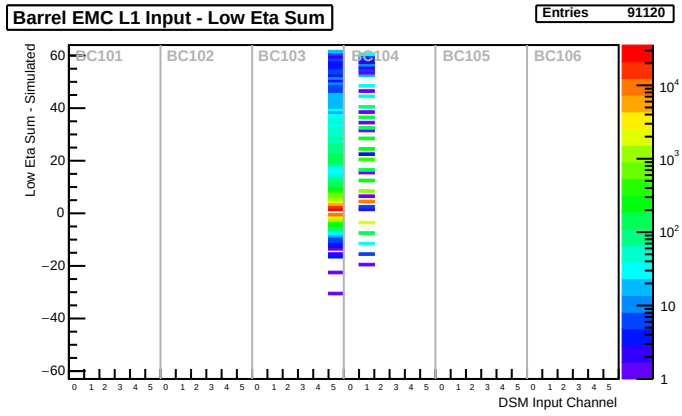

Barrel EMC L0 Input - High Tower
Entries 4.88007e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

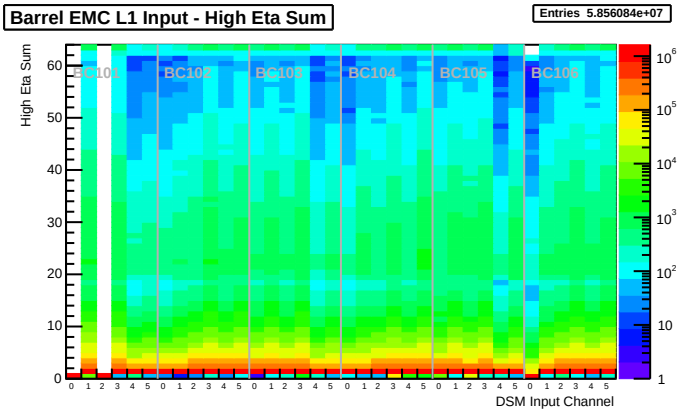

Barrel EMC L0 Input - Patch Sum
Entries 4.88007e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

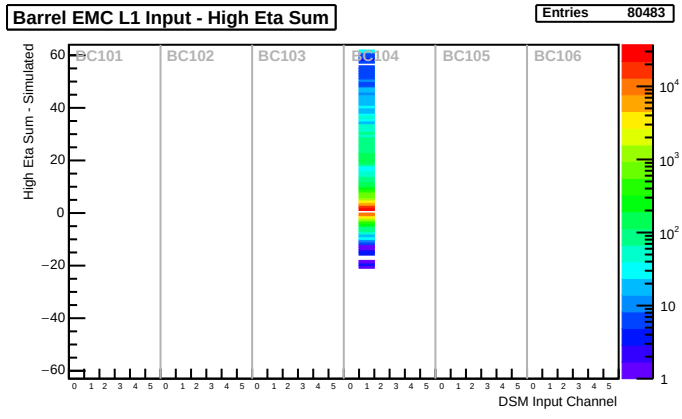

Endcap EMC L0 Input - High Tower
Entries 1.464021e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

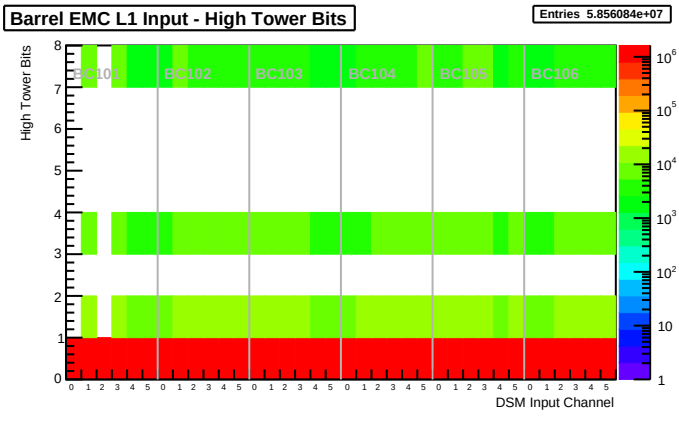

Endcap EMC L0 Input - Patch Sum
Entries 1.464021e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

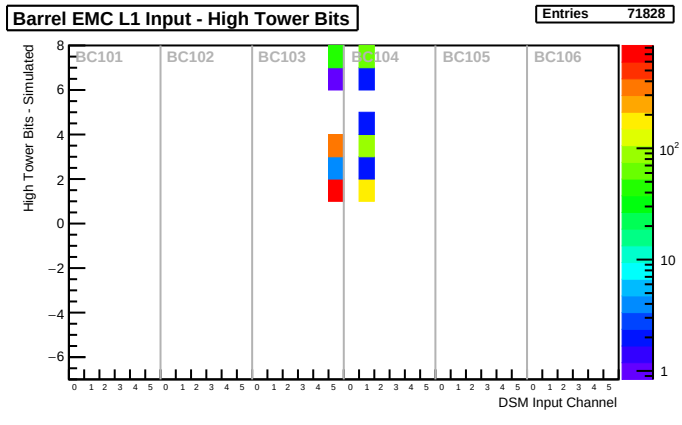

Barrel EMC L1 Input - Low Eta Sum
Entries 5.856084e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

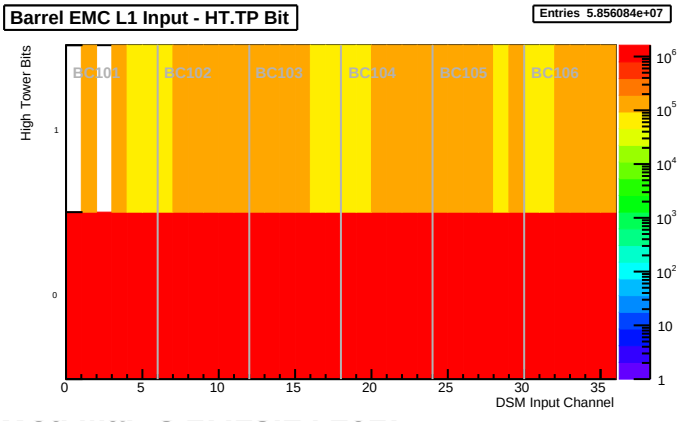

Barrel EMC L1 Input - Low Eta Sum
Entries 91120
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

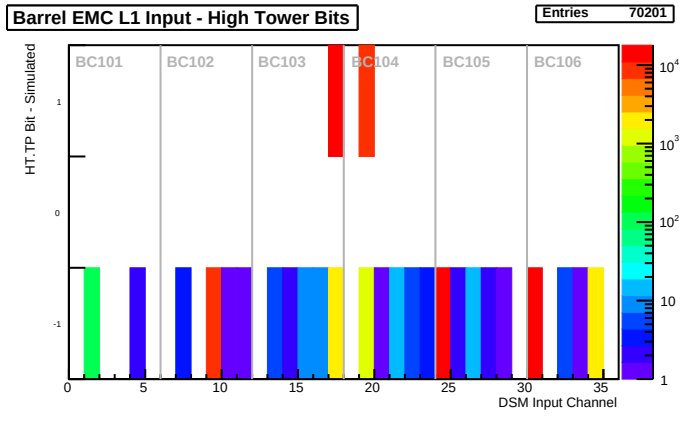

Barrel EMC L1 Input - High Eta Sum
Entries 5.856084e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

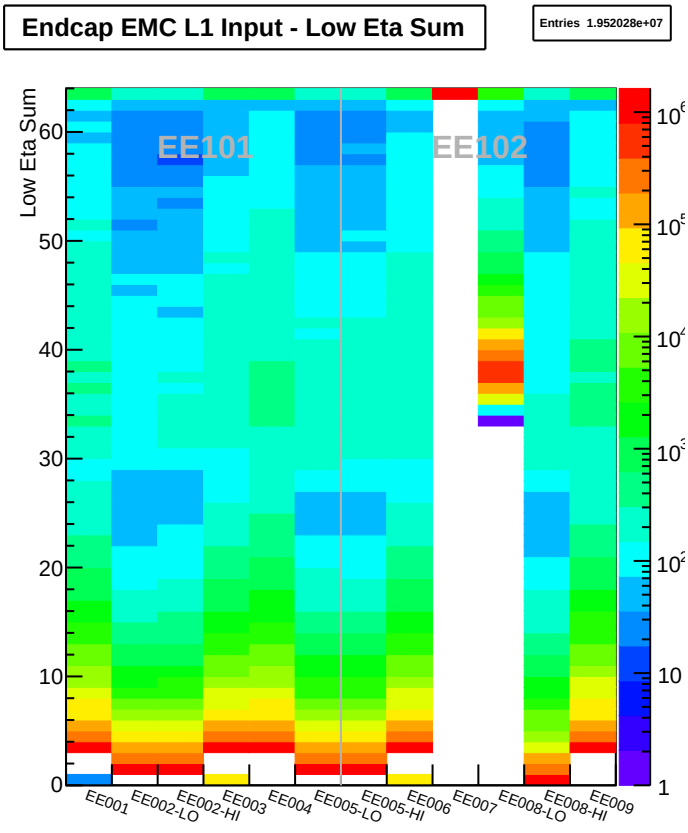

Barrel EMC L1 Input - High Eta Sum
Entries 80483
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

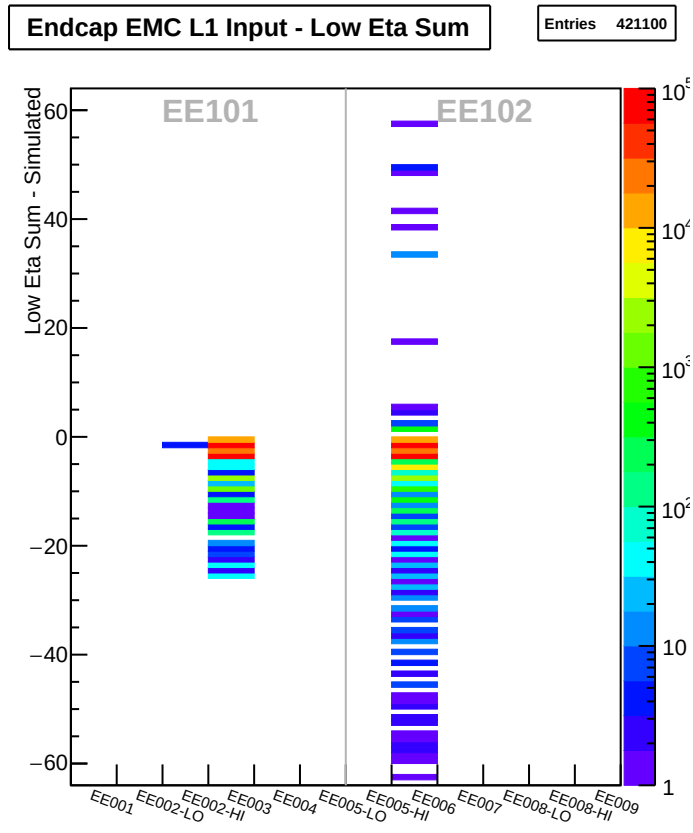

Barrel EMC L1 Input - High Tower Bits
Entries 5.856084e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

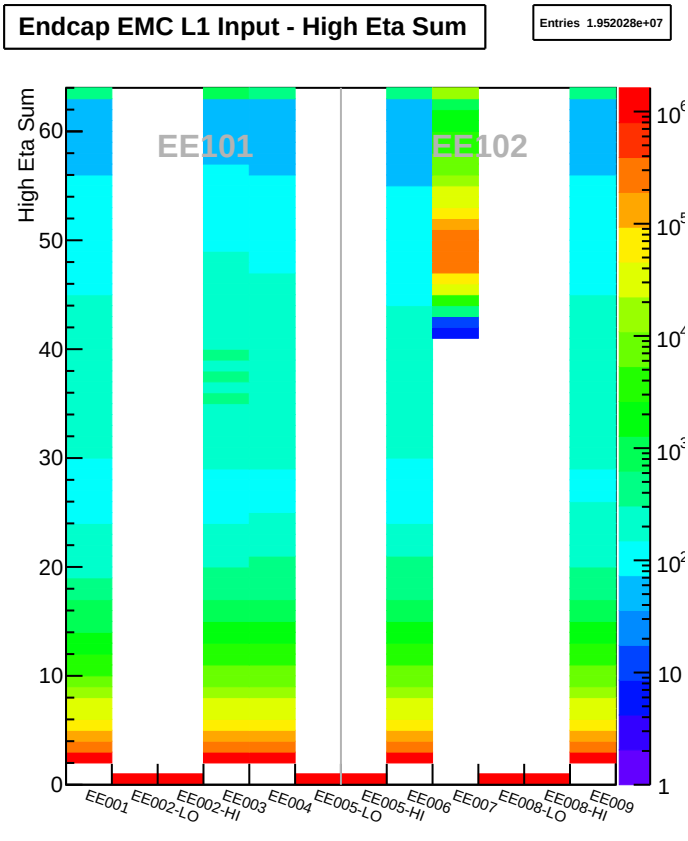

Barrel EMC L1 Input - High Tower Bits
Entries 71828
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

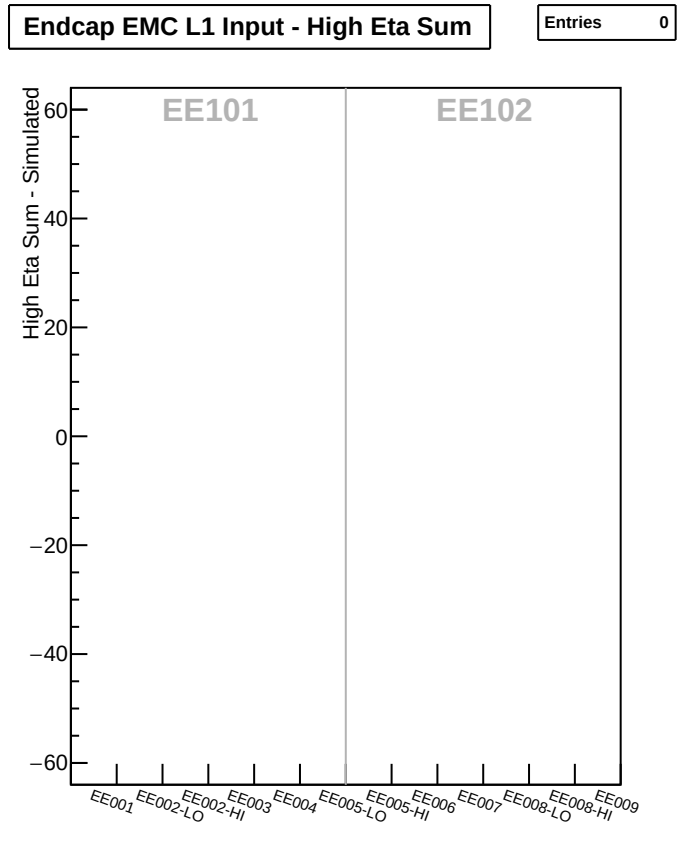

Barrel EMC L1 Input - HT.TP Bit
Entries 5.856084e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

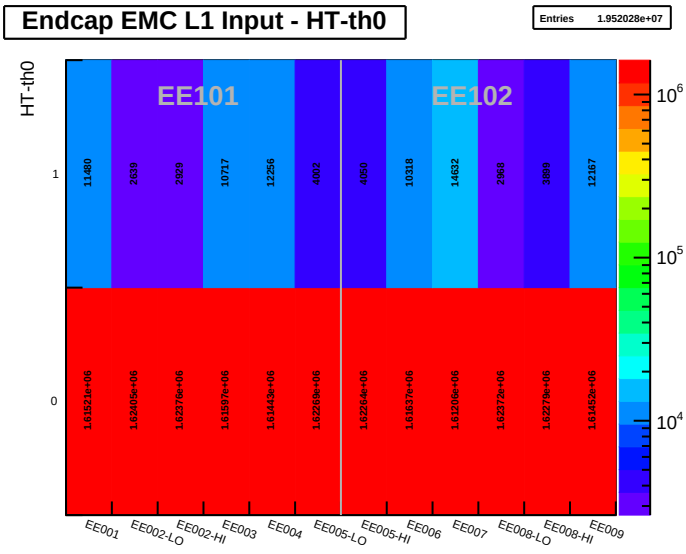

Barrel EMC L1 Input - High Tower Bits
Entries 70201
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

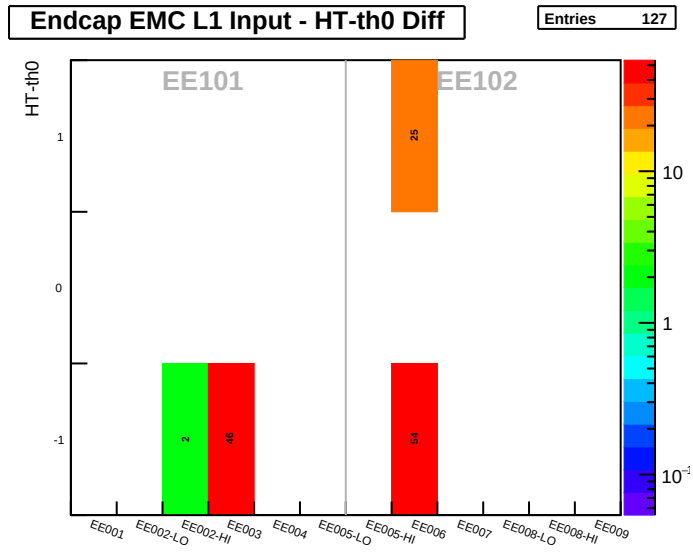

Endcap EMC L1 Input - Low Eta Sum
Entries 1.952028e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

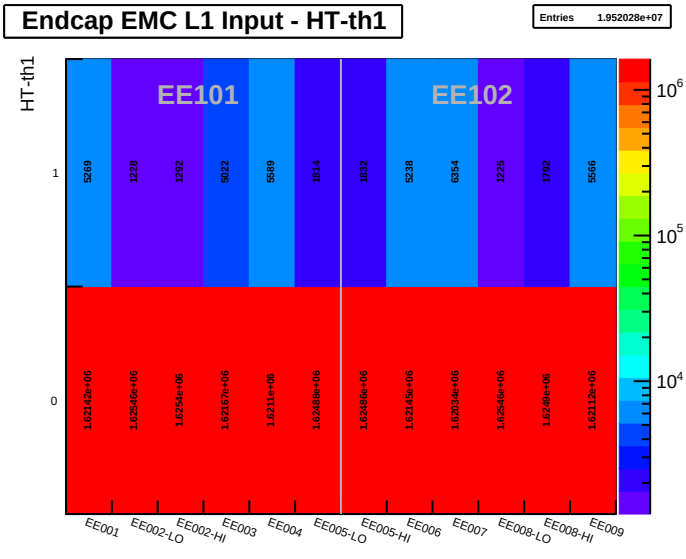

Endcap EMC L1 Input - Low Eta Sum
Entries 421100
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

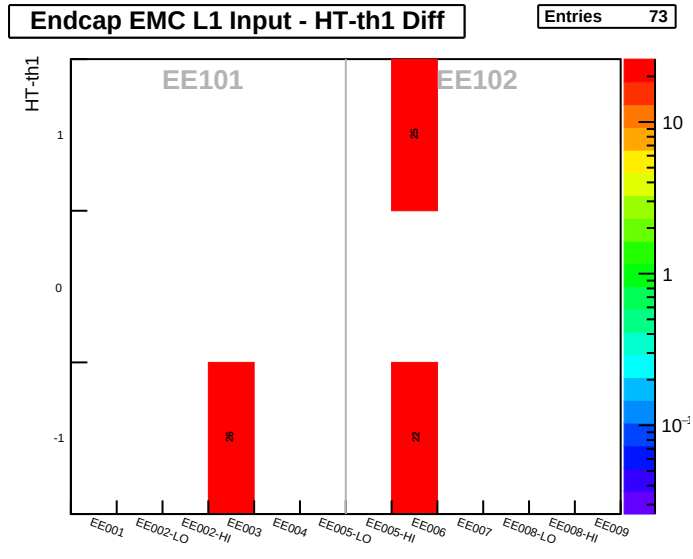

Endcap EMC L1 Input - High Eta Sum
Entries 1.952028e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

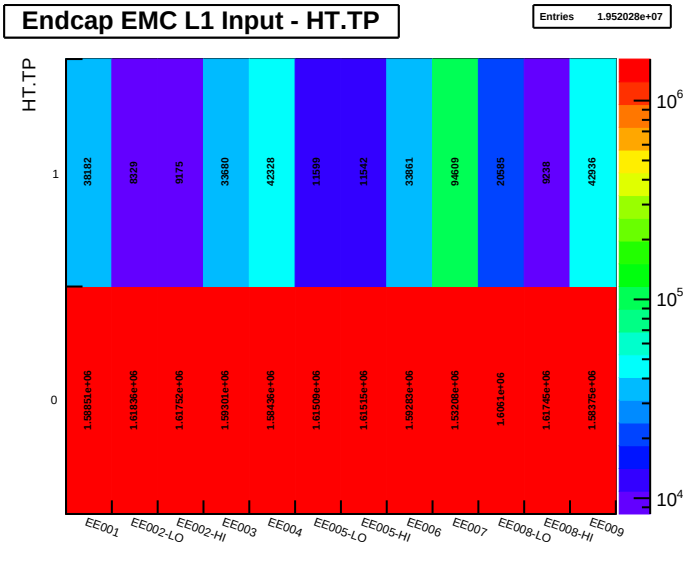

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

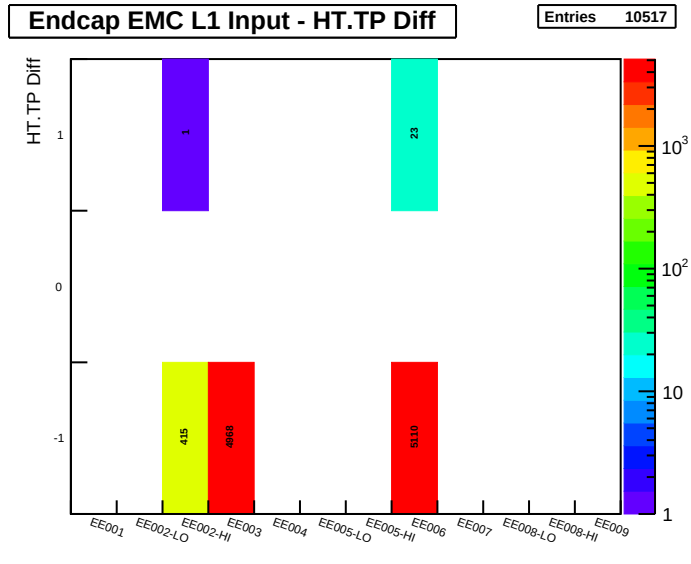

Endcap EMC L1 Input - HT-th0
Entries 1.952028e+07
HT-th0
EE101
EE102
11480 2639 2929 10717 12256 4002 4050 10318 14632 2968 3899 12167
1.61521e+06 1.62405e+06 1.62376e+06 1.61597e+06 1.61443e+06 1.62269e+06 1.62264e+06 1.61637e+06 1.61206e+06 1.62372e+06 1.62279e+06 1.61452e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

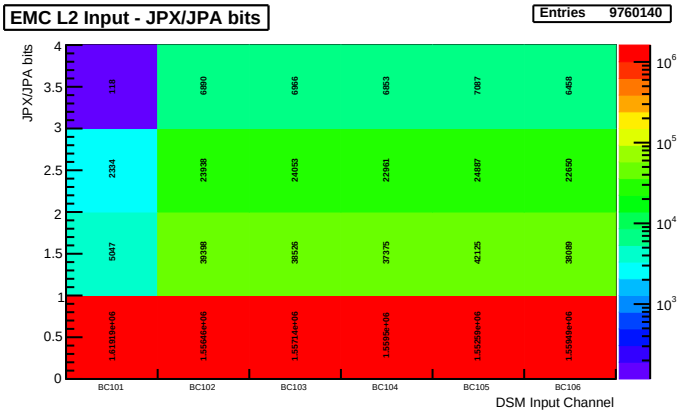

Endcap EMC L1 Input - HT-th0 Diff
Entries 127
HT-th0
EE101
EE102
25
2 46 54
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

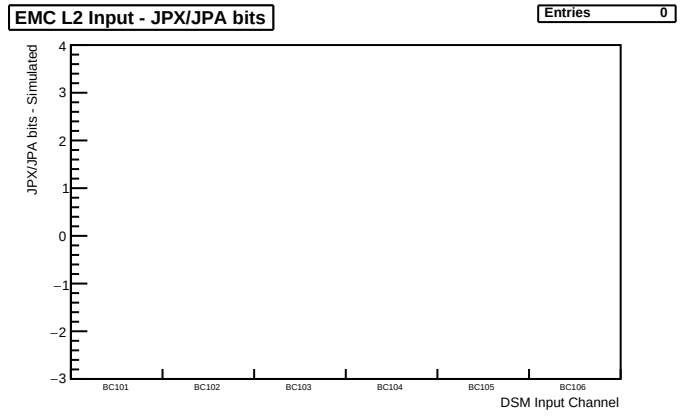

Endcap EMC L1 Input - HT-th1
Entries 1.952028e+07
HT-th1
EE101
EE102
5269 1228 1292 5022 5589 1314 1332 5238 6354 1225 1792 5566
1.62142e+06 1.62546e+06 1.62554e+06 1.62167e+06 1.6211e+06 1.62498e+06 1.62486e+06 1.62145e+06 1.62034e+06 1.62546e+06 1.6249e+06 1.62112e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

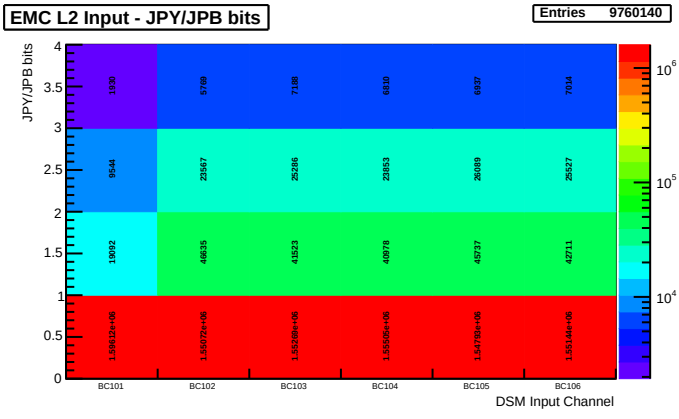

Endcap EMC L1 Input - HT-th1 Diff
Entries 73
HT-th1
EE101
EE102
25
26 22
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

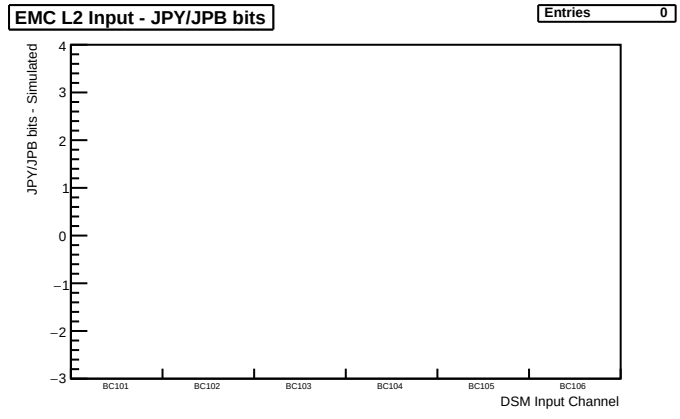

Endcap EMC L1 Input - HT.TP
Entries 1.952028e+07
HT.TP
38182 8329 9175 33680 42328 11599 11542 33861 94609 20585 9238 42936
1.56851e+06 1.61836e+06 1.61752e+06 1.59301e+06 1.58436e+06 1.61509e+06 1.61515e+06 1.59288e+06 1.53208e+06 1.60631e+06 1.61745e+06 1.56375e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

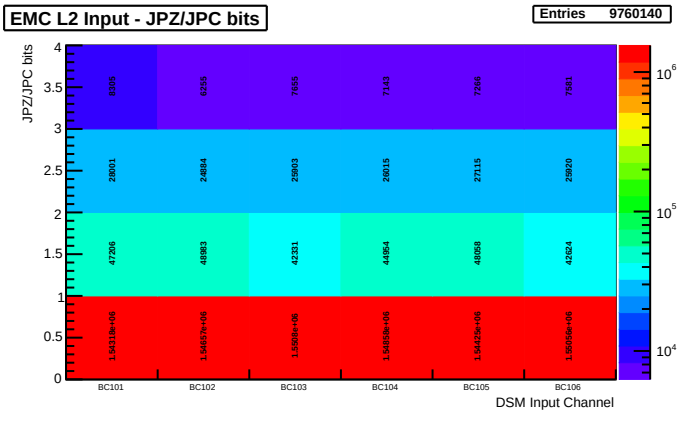

Endcap EMC L1 Input - HT.TP Diff
Entries 10517
HT.TP Diff
1
23
415 4968 5110
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

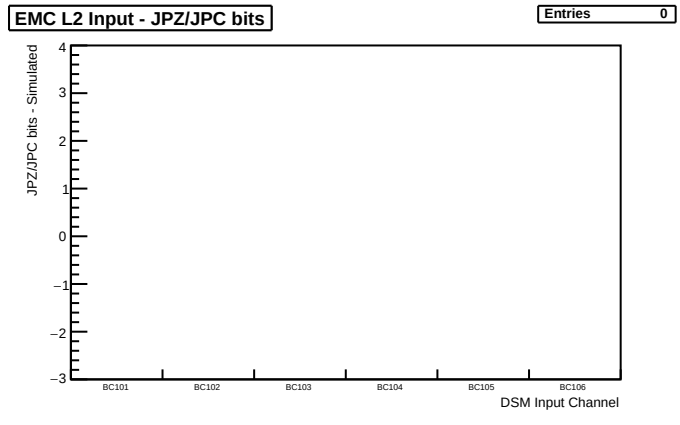

EMC L2 Input - JPX/JPA bits
Entries 9760140
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

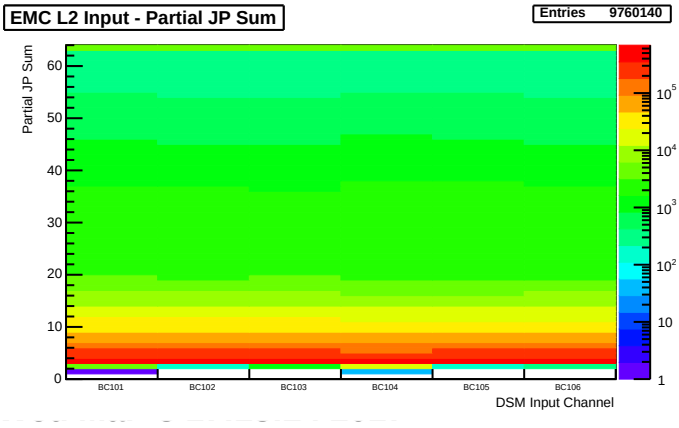

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

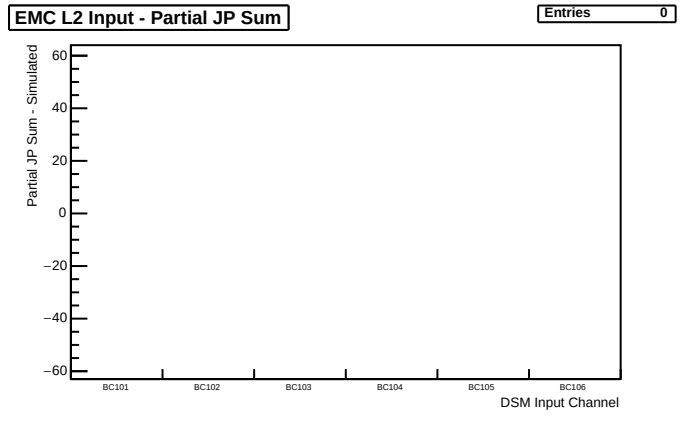

EMC L2 Input - JPY/JPB bits
Entries 9760140
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

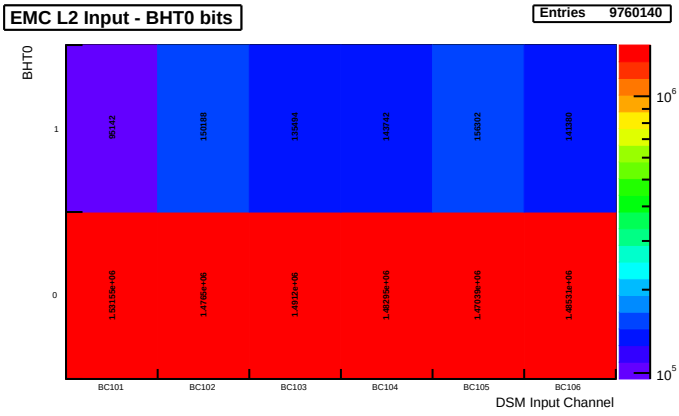

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

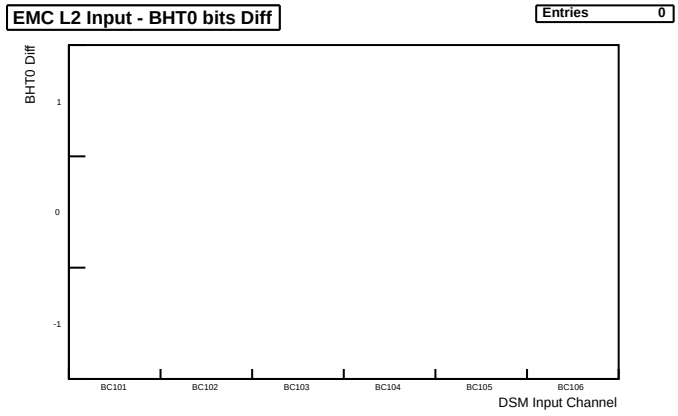

EMC L2 Input - JPZ/JPC bits
Entries 9760140
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

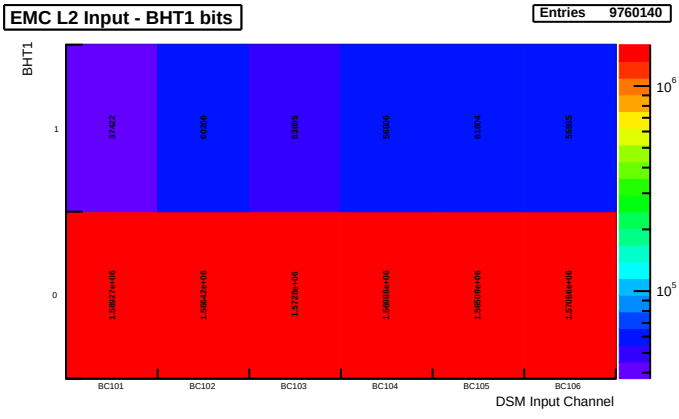

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

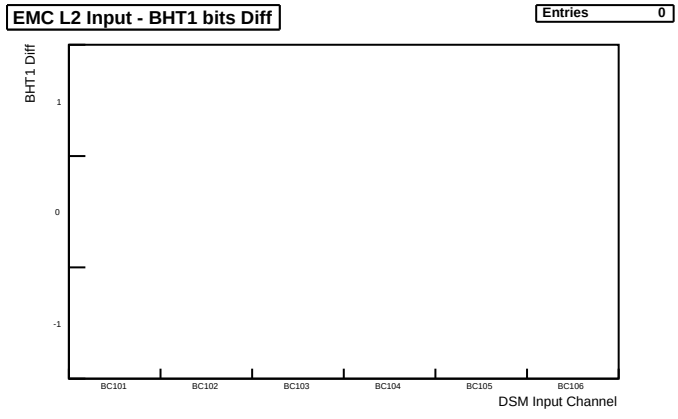

EMC L2 Input - Partial JP Sum
Entries 9760140
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

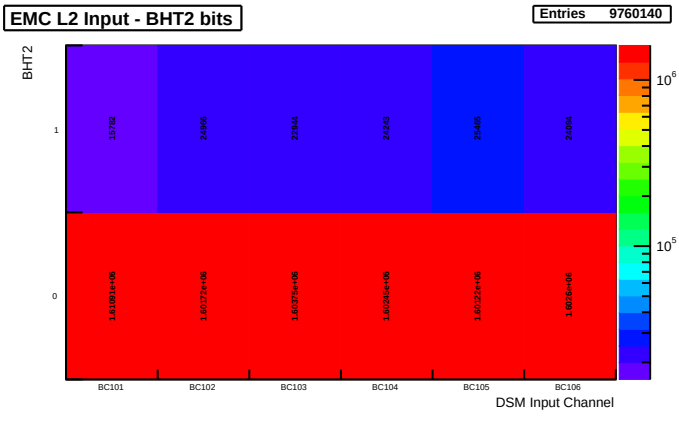

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

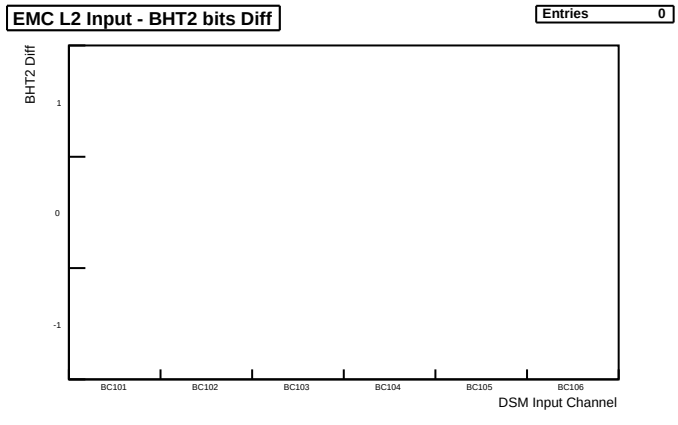

EMC L2 Input - BHT0 bits
Entries 9760140
BHT0
95142
150188
135494
143742
156302
141380
1.53159e+06
1.4785e+06
1.4912e+06
1.4235e+06
1.4703e+06
1.4831e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

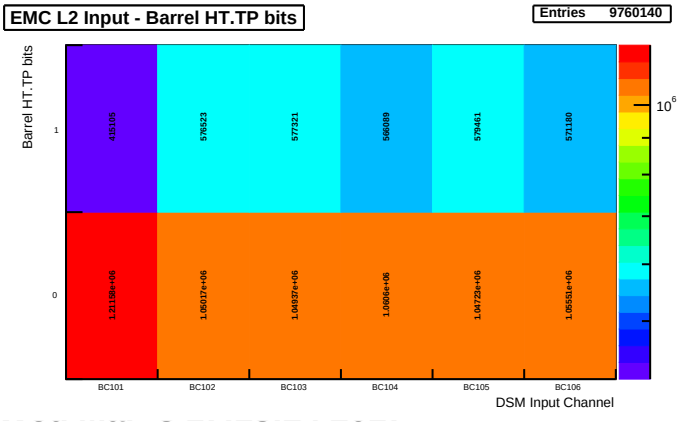

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

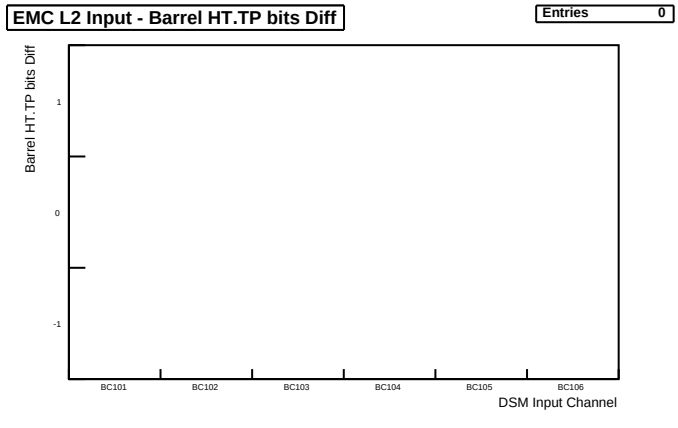

EMC L2 Input - BHT1 bits
Entries 9760140
BHT1
37422
60286
53895
56996
61004
53835
1.58927e+06
1.56642e+06
1.5728e+06
1.58989e+06
1.56609e+06
1.57086e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

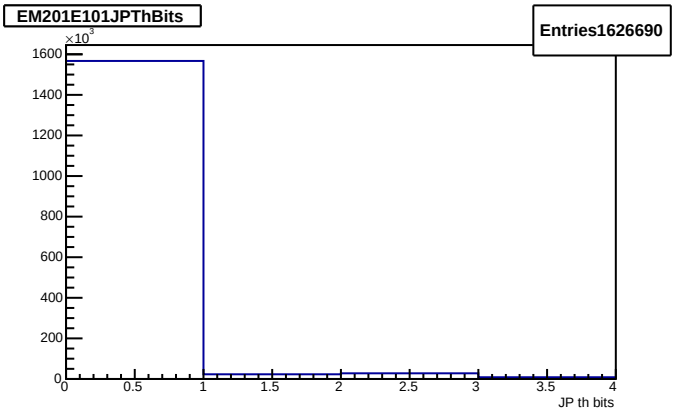

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

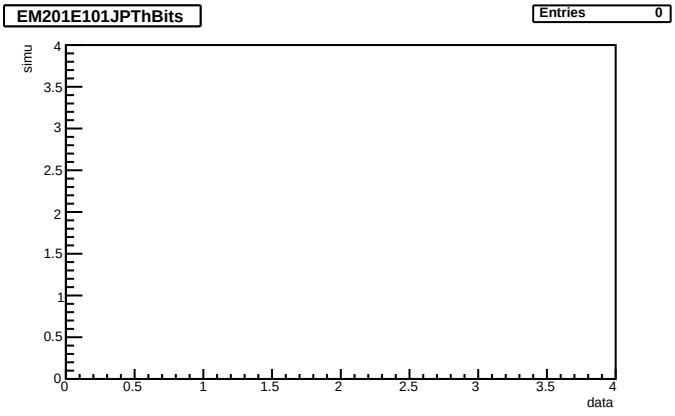

EMC L2 Input - BHT2 bits
Entries 9760140
BHT2
15782
24866
22344
24123
25465
24604
1.61091e+06
1.60172e+06
1.60375e+06
1.60265e+06
1.60122e+06
1.6026e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

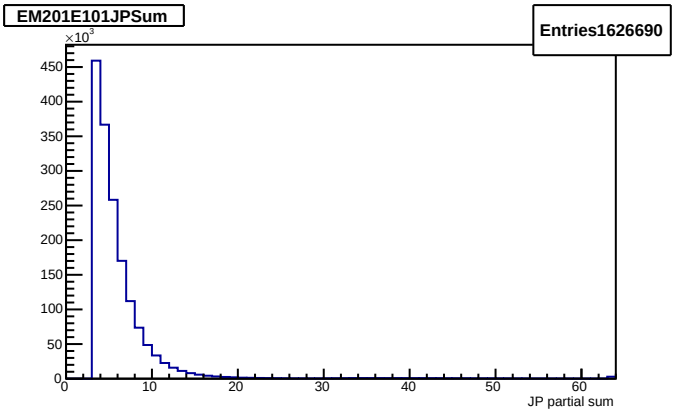

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

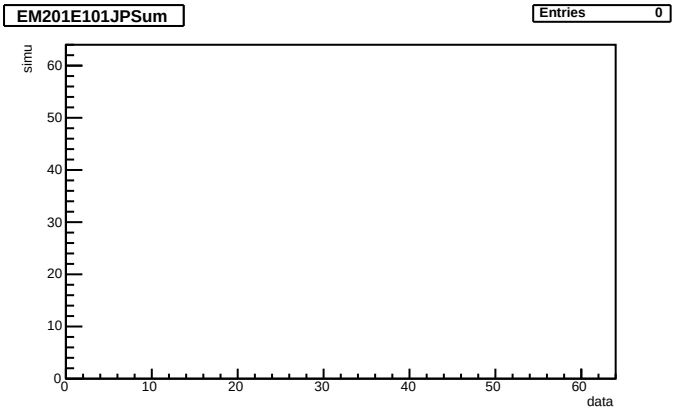

EMC L2 Input - Barrel HT.TP bits
Entries 9760140
Barrel HT.TP bits
415105
576523
577321
560189
579461
571180
1.21158e+06
1.05017e+06
1.04937e+06
1.0606e+06
1.04723e+06
1.05551e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

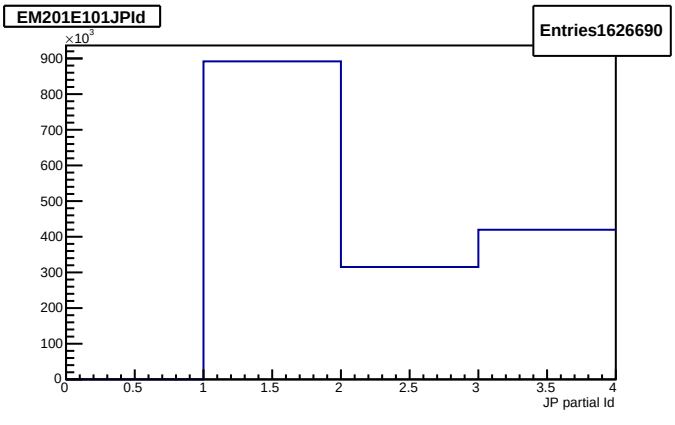

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

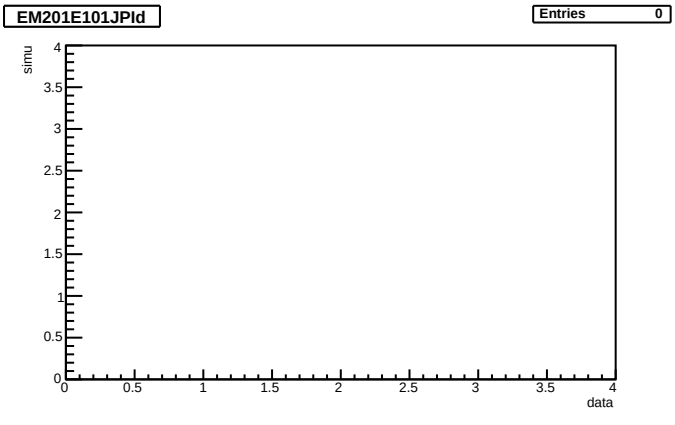

EM201E101JPThBits
Entries1626690
×10^3
JP th bits

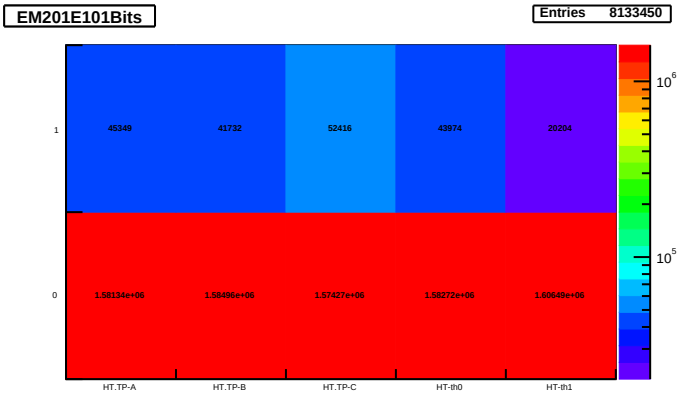

EM201E101JPThBits
Entries 0
simu
data

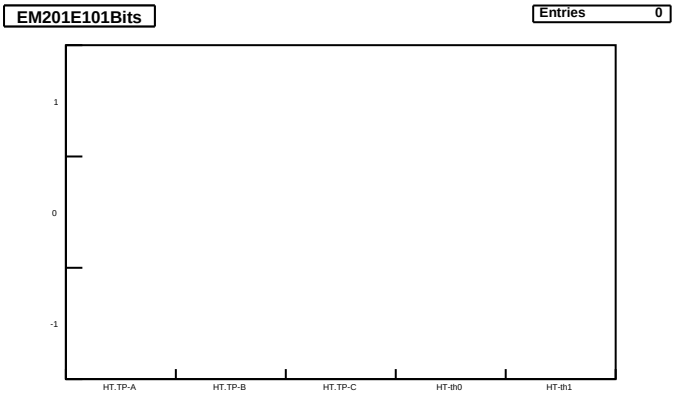

EM201E101JPSum
Entries1626690
×10^3
JP partial sum

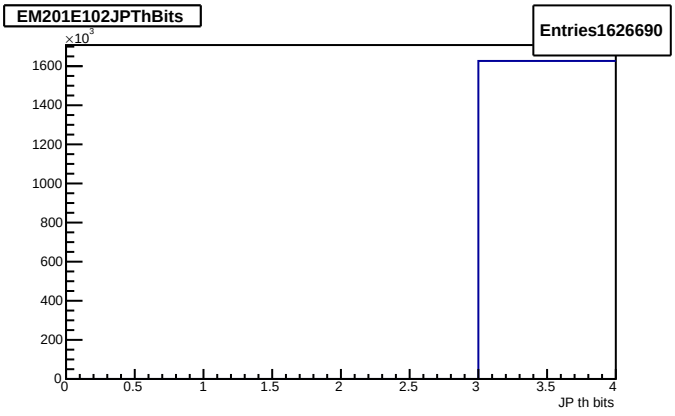

EM201E101JPSum
Entries 0
simu
data

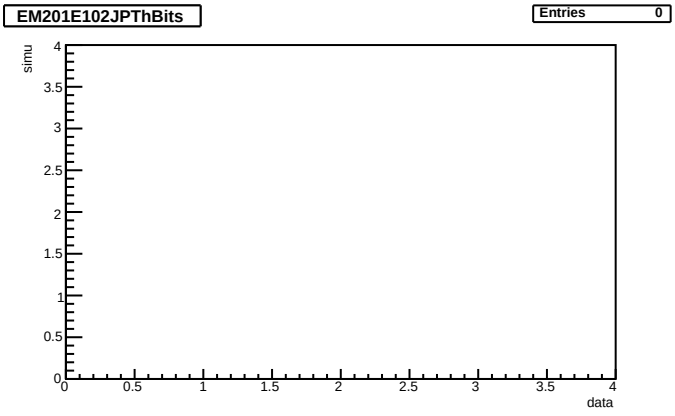

EM201E101JPId
Entries1626690
×10^3
JP partial Id

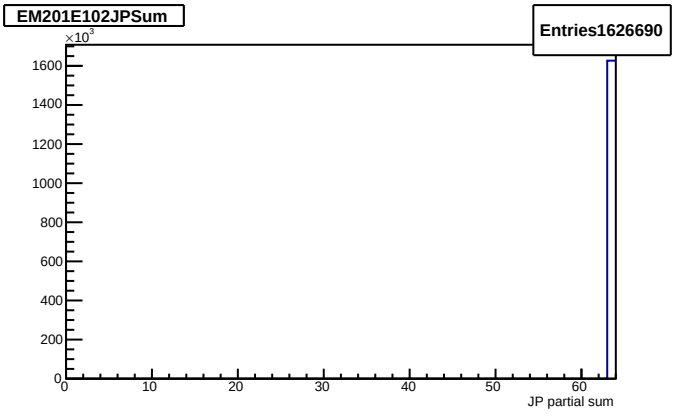

EM201E101JPId
Entries 0
simu
data

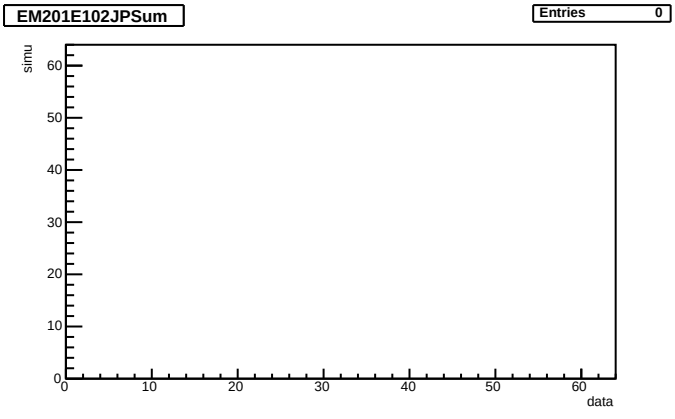

EM201E101Bits
Entries 8133450
45349
41732
52416
43974
20204
1.58134e+06
1.58496e+06
1.57427e+06
1.58272e+06
1.60649e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

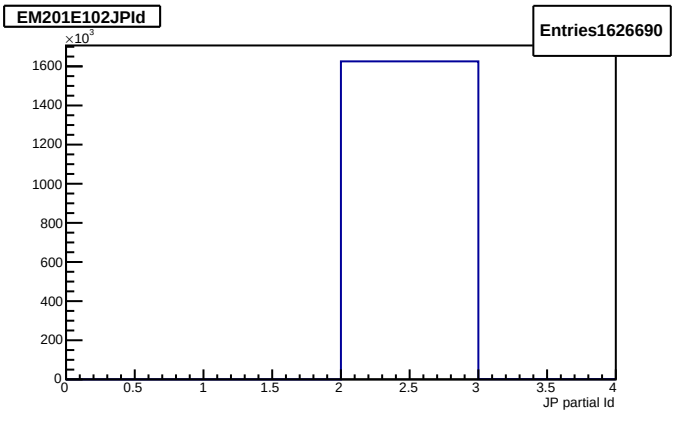

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

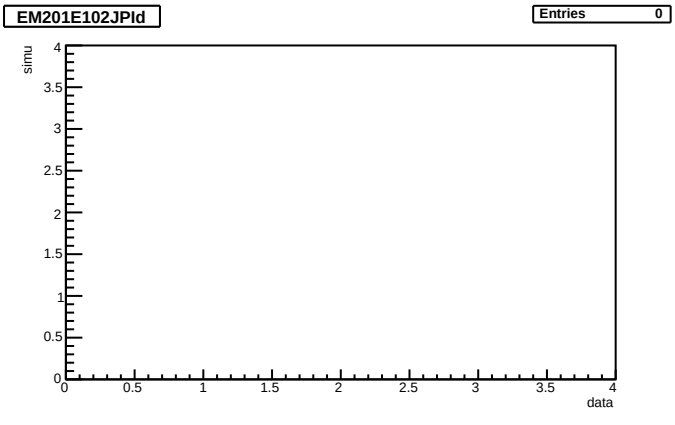

EM201E102JPThBits
Entries1626690
JP th bits

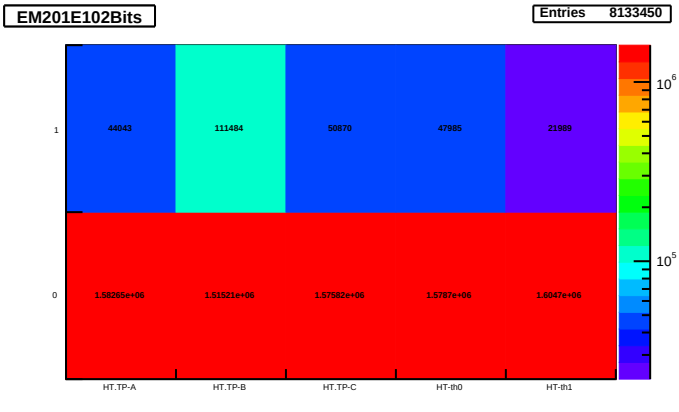

EM201E102JPThBits
Entries 0
simu
data

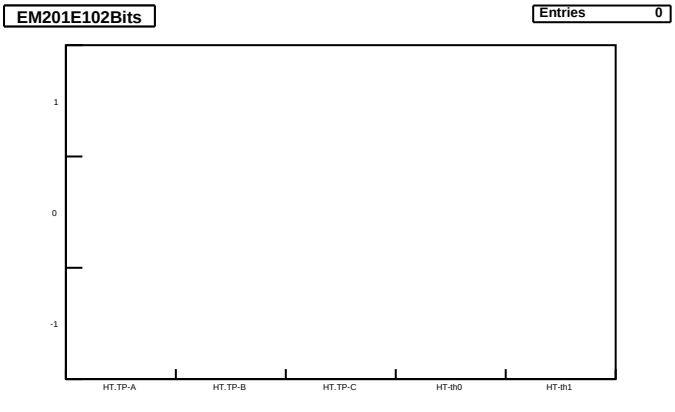

EM201E102JPSum
Entries1626690
JP partial sum

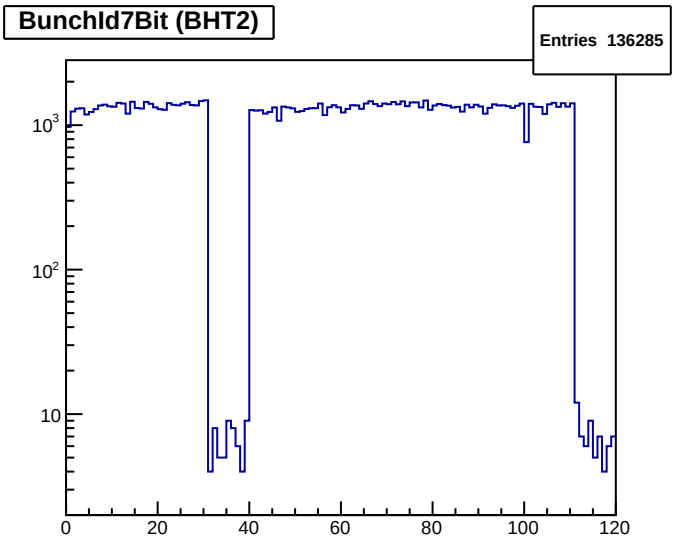

EM201E102JPSum
Entries 0
simu
data

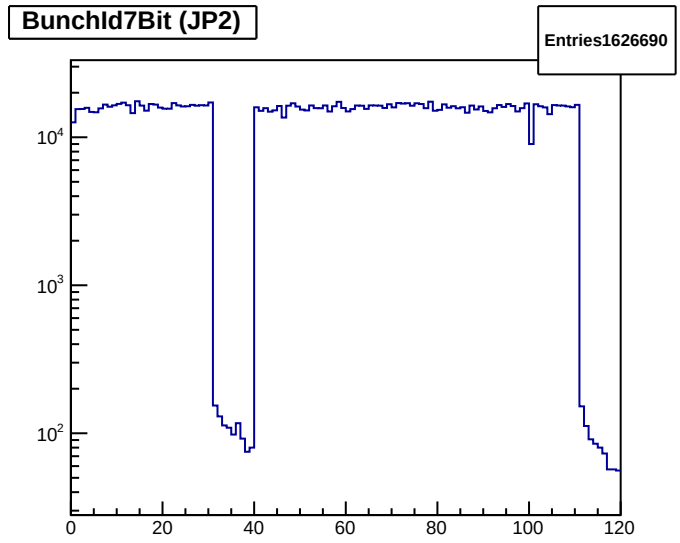

EM201E102JPId
Entries1626690
JP partial Id

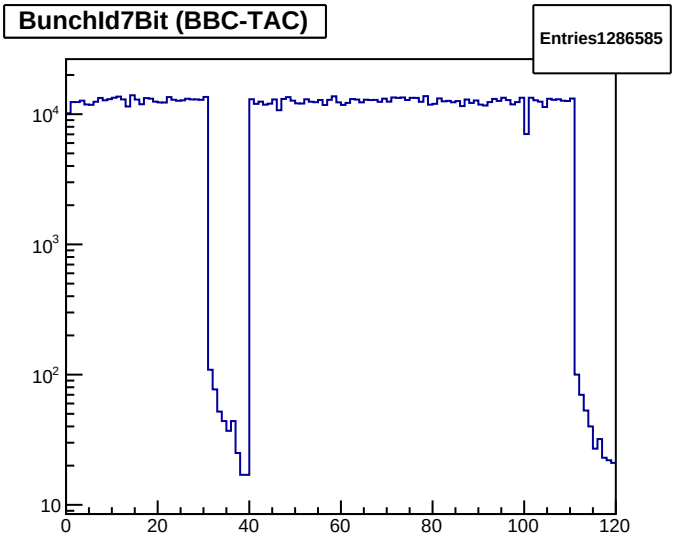

EM201E102JPId
Entries 0
simu
data

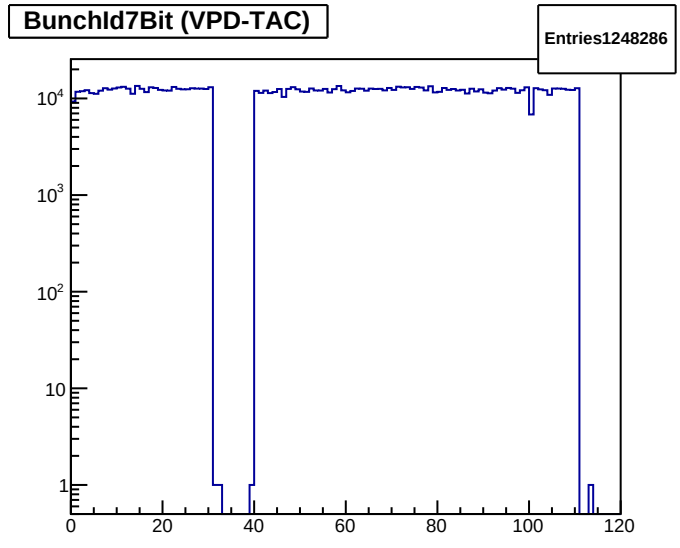

EM201E102Bits
Entries 8133450
44043
111484
50870
47985
21989
1.58265e+06
1.51521e+06
1.57582e+06
1.5787e+06
1.6047e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

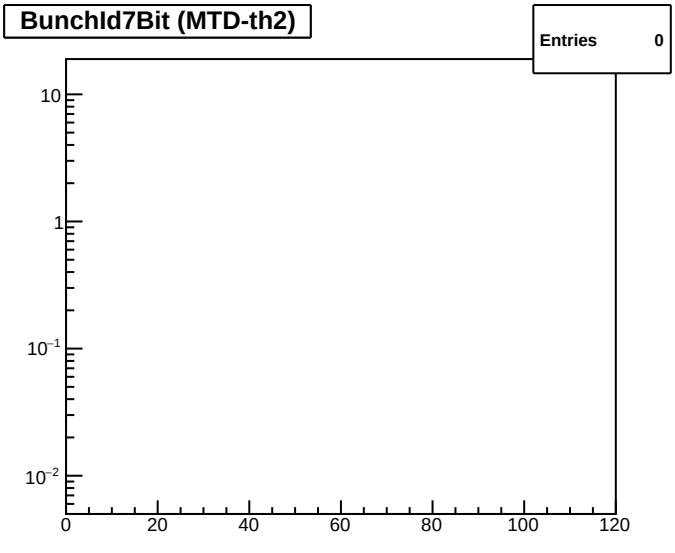

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

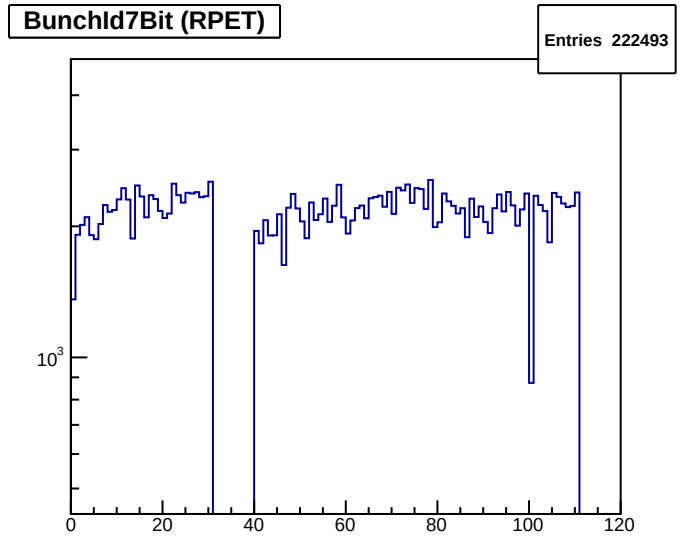

BunchId7Bit (BHT2)
Entries 136285

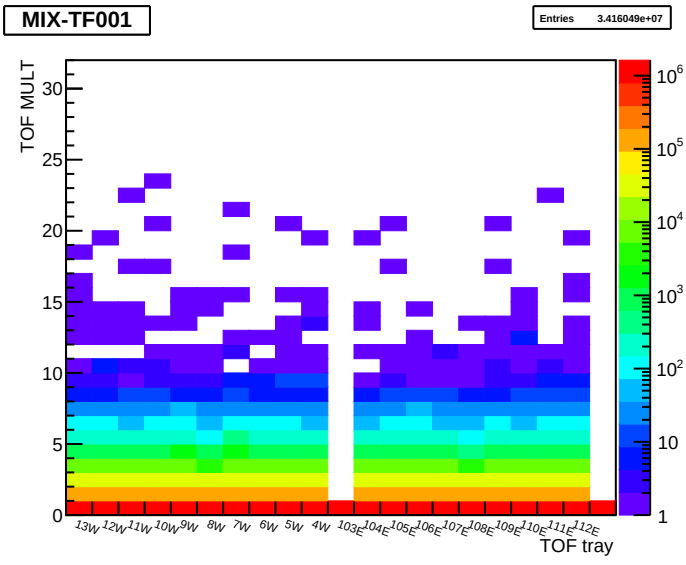

BunchId7Bit (JP2)
Entries1626690

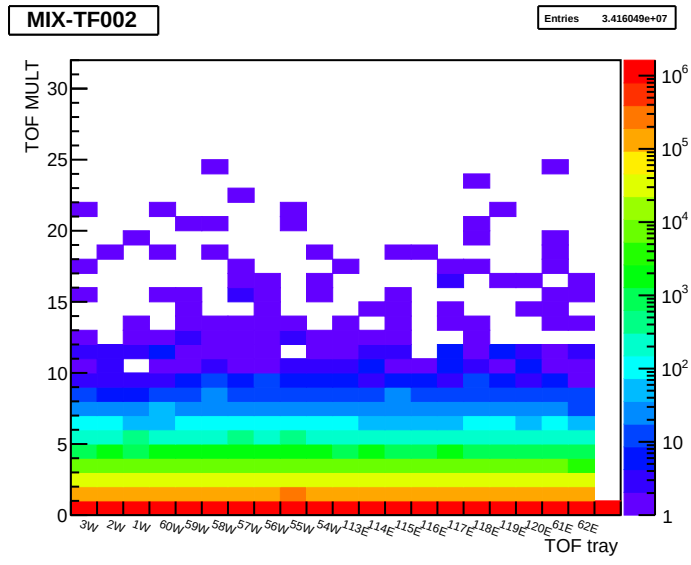

BunchId7Bit (BBC-TAC)
Entries1286585

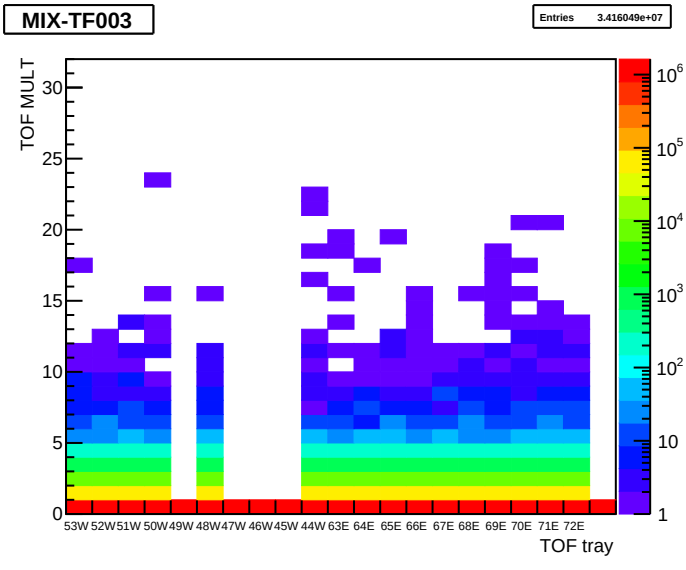

BunchId7Bit (VPD-TAC)
Entries1248286

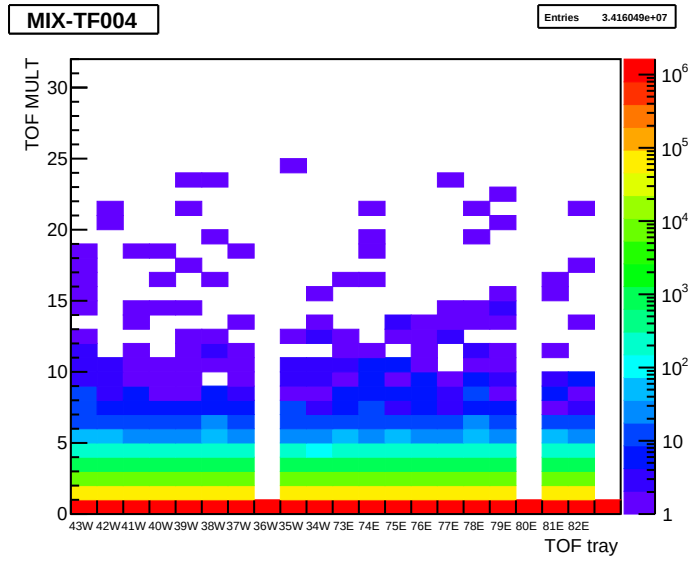

BunchId7Bit (MTD-th2)
Entries 0

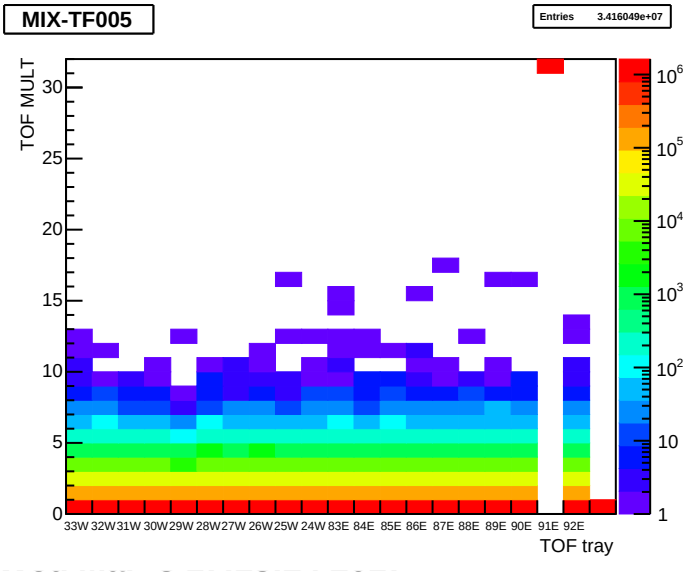

BunchId7Bit (RPET)
Entries 222493

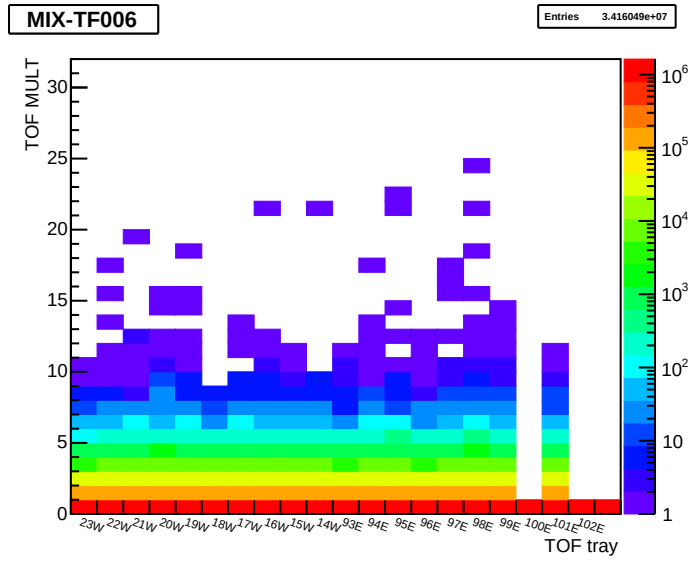

MIX-TF001
Entries 3.416049e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

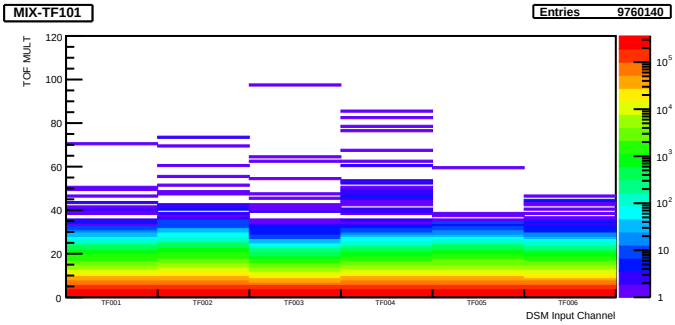

MIX-TF002
Entries 3.416049e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

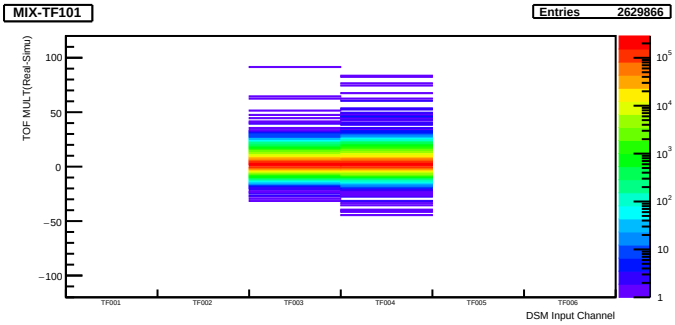

MIX-TF003
Entries 3.416049e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

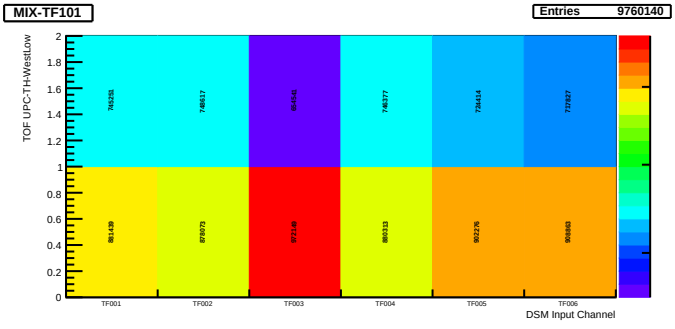

MIX-TF004
Entries 3.416049e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

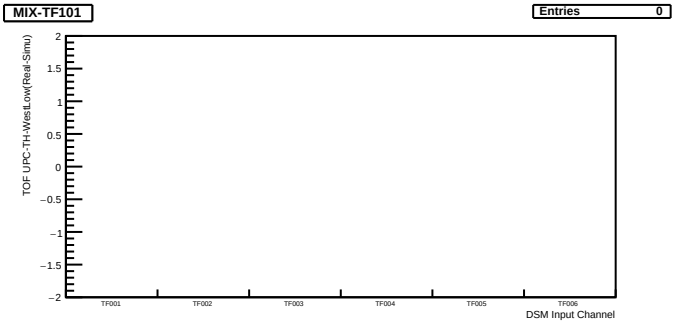

MIX-TF005
Entries 3.416049e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

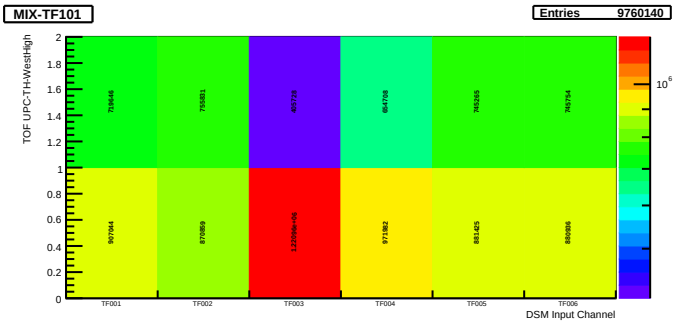

MIX-TF006
Entries 3.416049e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

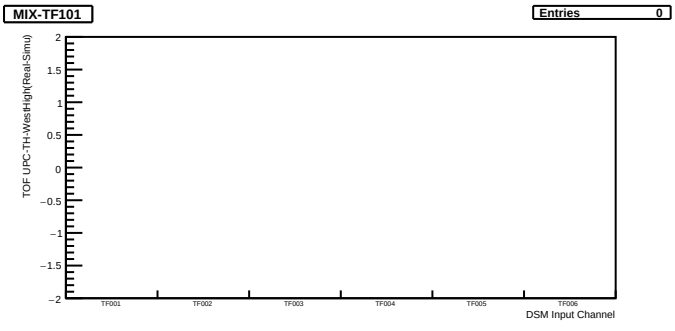

MIX-TF101
Entries 9760140
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

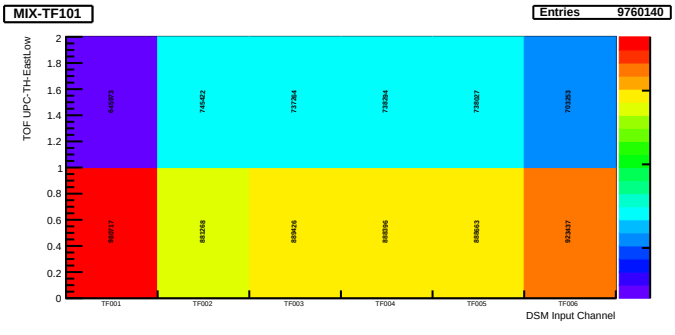

MIX-TF101
Entries 2629866
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

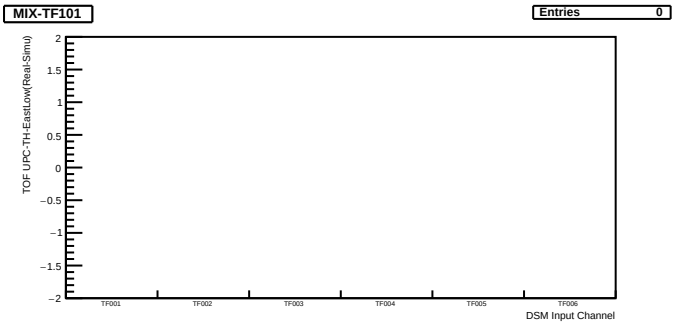

MIX-TF101
Entries 9760140
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

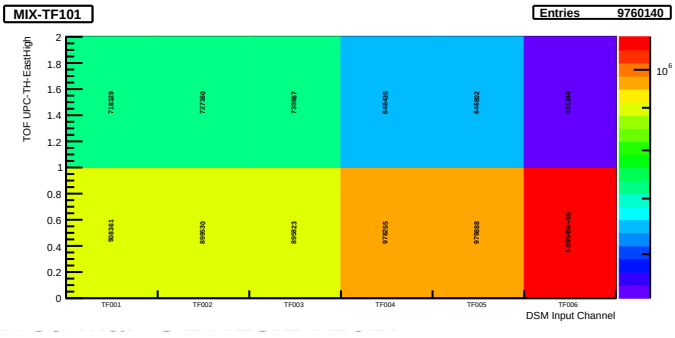

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

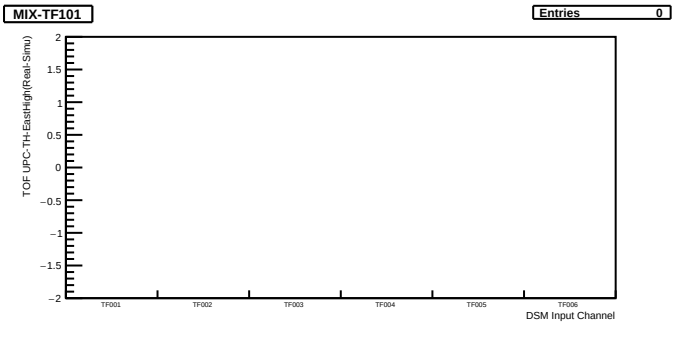

MIX-TF101
Entries 9760140
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

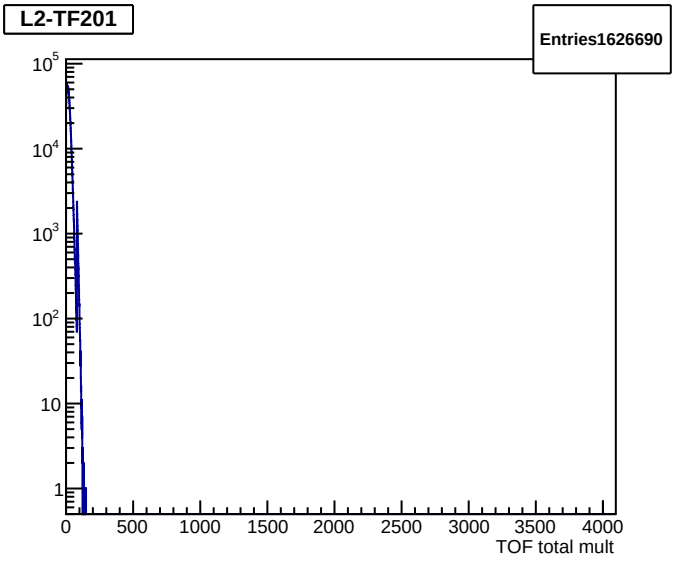

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

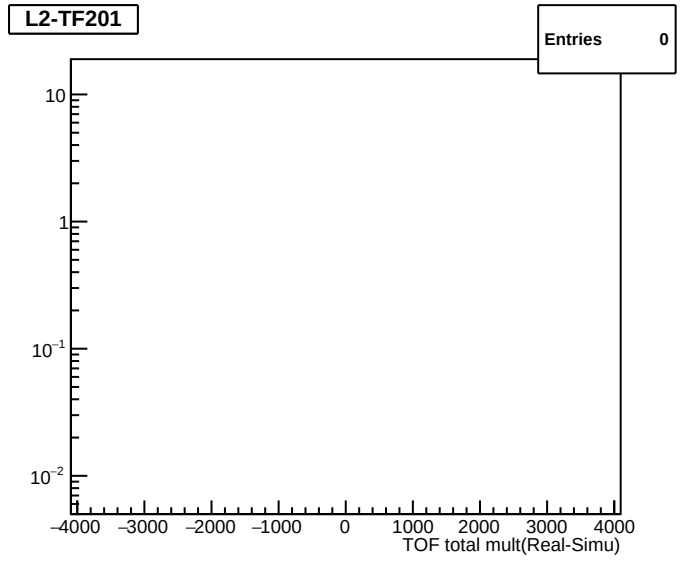

MIX-TF101
Entries 9760140
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

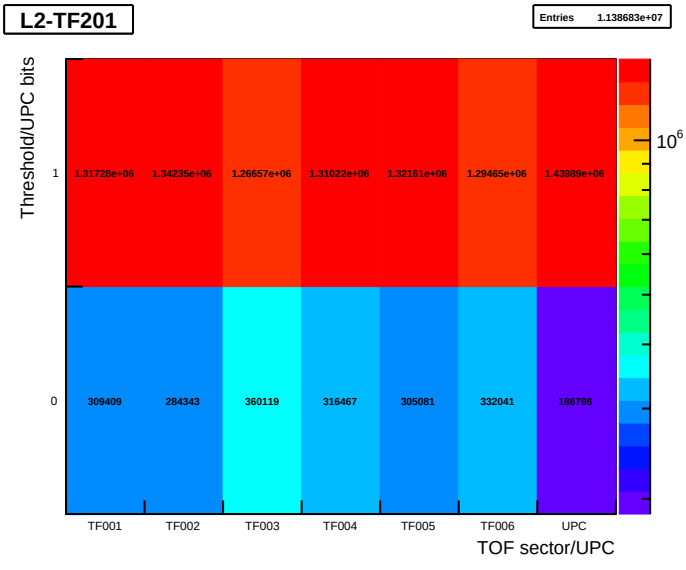

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

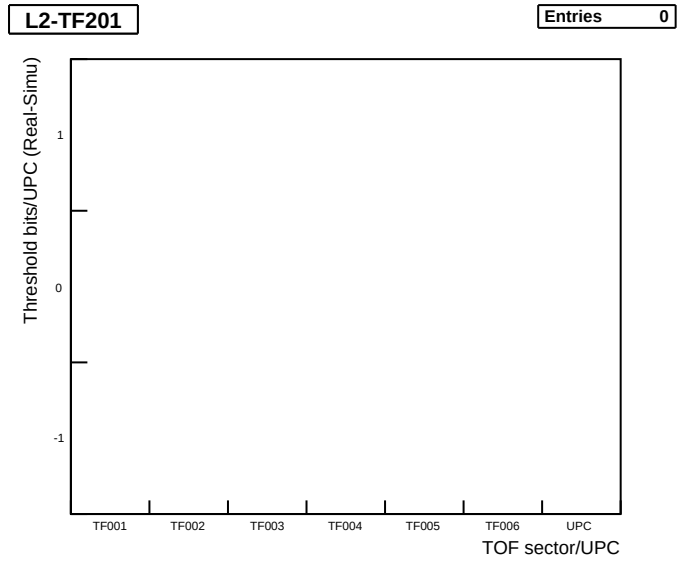

MIX-TF101
Entries 9760140
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

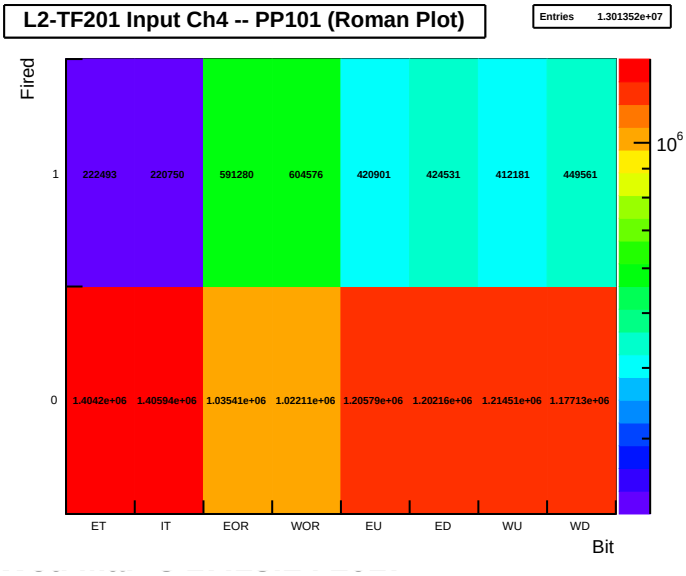

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

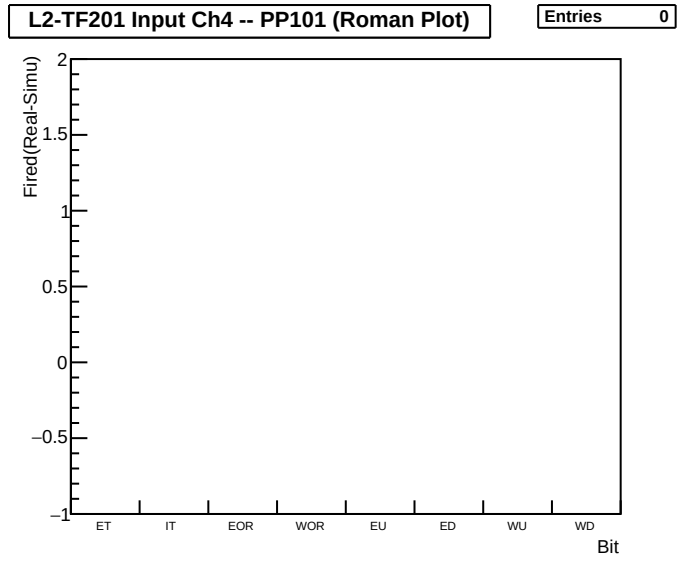

L2-TF201
Entries1626690
TOF total mult

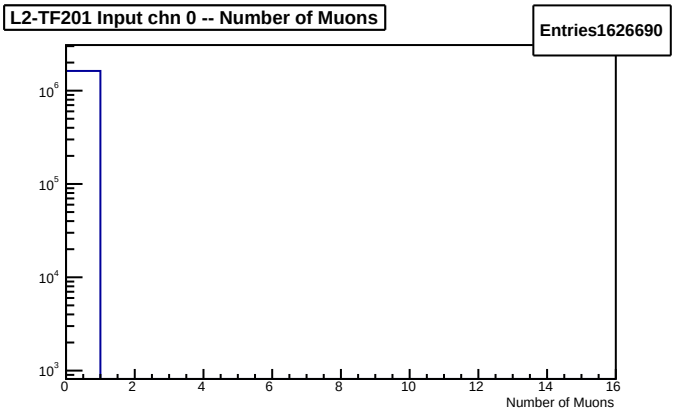

L2-TF201
Entries 0
TOF total mult(Real-Simu)

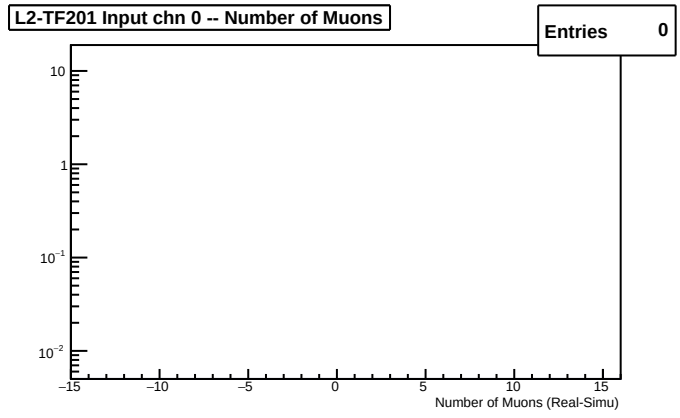

L2-TF201
Entries 1.138683e+07
Threshold/UPC bits
1.31728e+06
1.34235e+06
1.26657e+06
1.31022e+06
1.32161e+06
1.29465e+06
1.43989e+06
309409
284343
360119
316467
305081
332041
186796
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

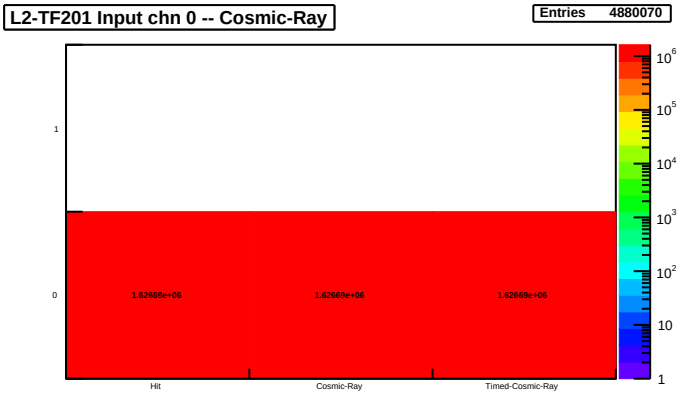

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

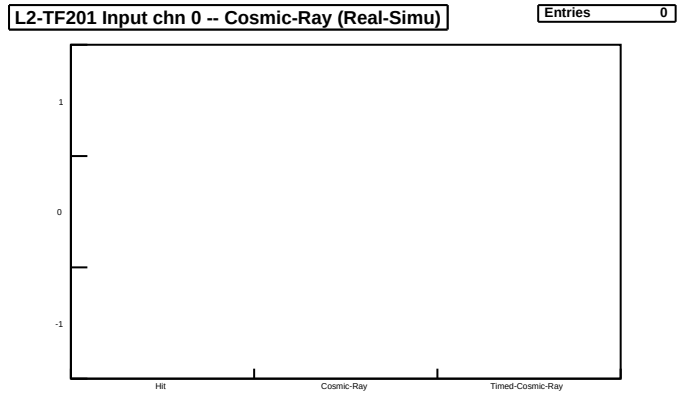

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.301352e+07
Fired
222493
220750
591280
604576
420901
424531
412181
449561
1.4042e+06
1.40594e+06
1.03541e+06
1.02211e+06
1.20579e+06
1.20216e+06
1.21451e+06
1.17713e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

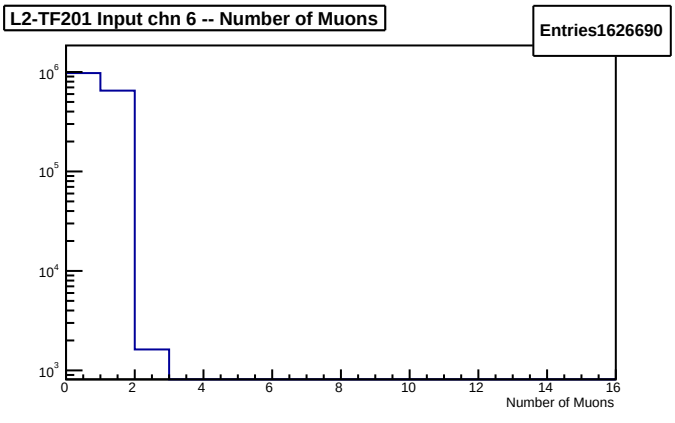

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

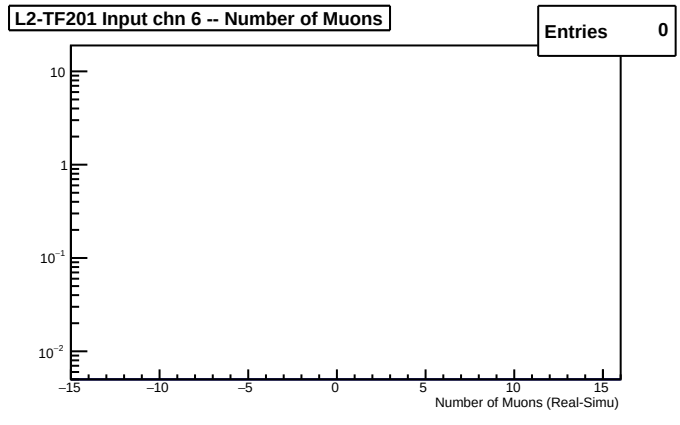

L2-TF201 Input chn 0 -- Number of Muons
Entries1626690
Number of Muons

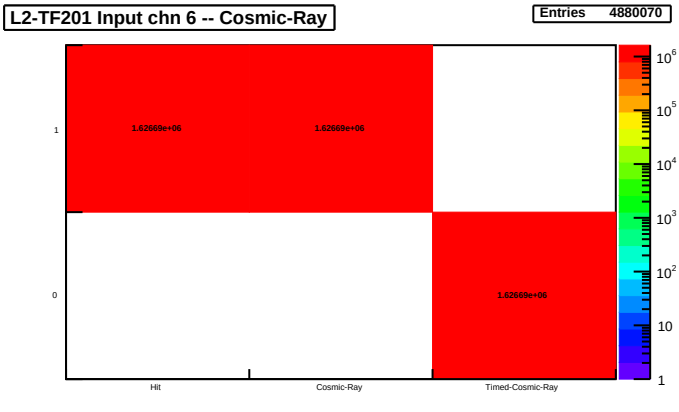

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

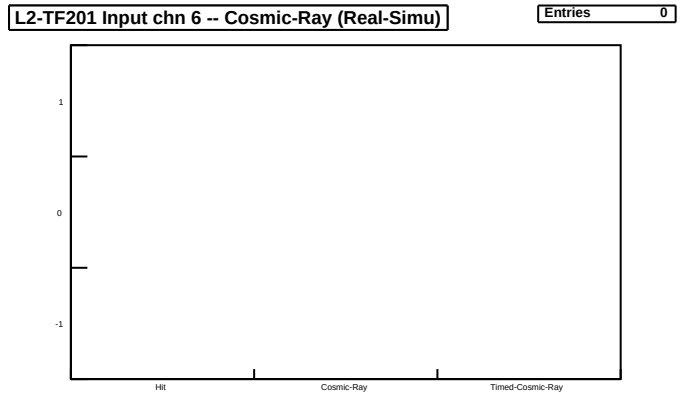

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4880070
1.62669e+06
1.62669e+06
1.62669e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

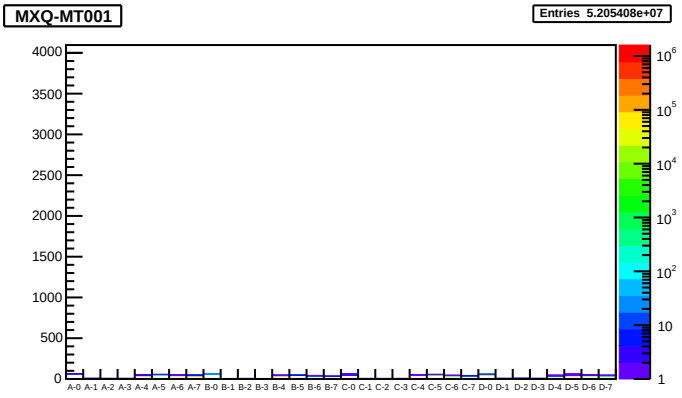

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

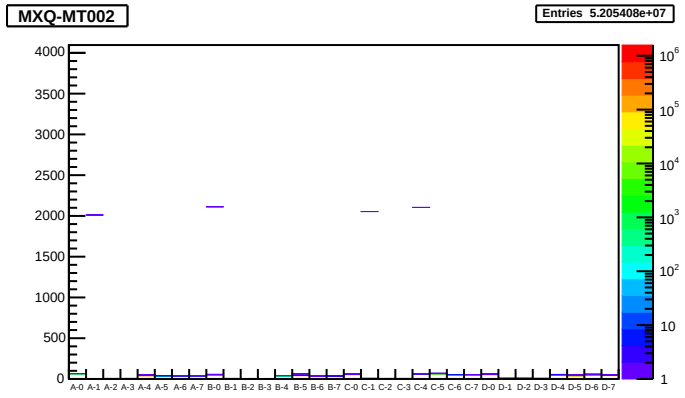

L2-TF201 Input chn 6 -- Number of Muons
Entries1626690
Number of Muons

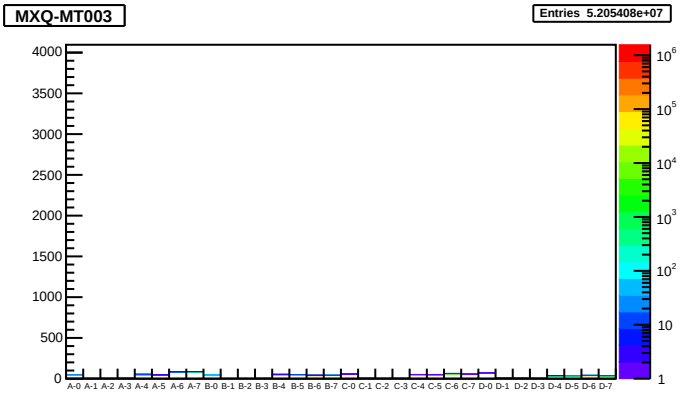

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

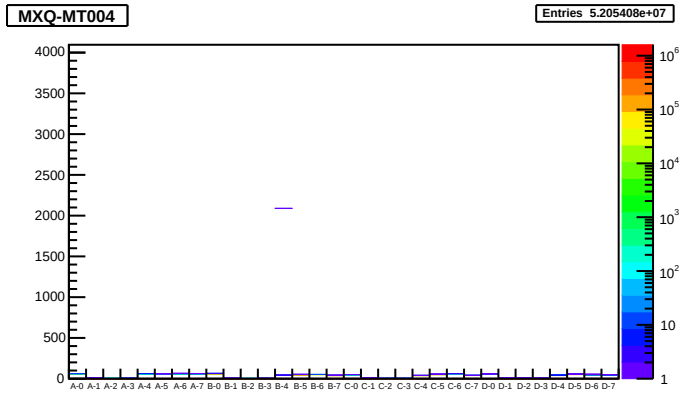

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 4880070
1.62669e+06
1.62669e+06
1.62669e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

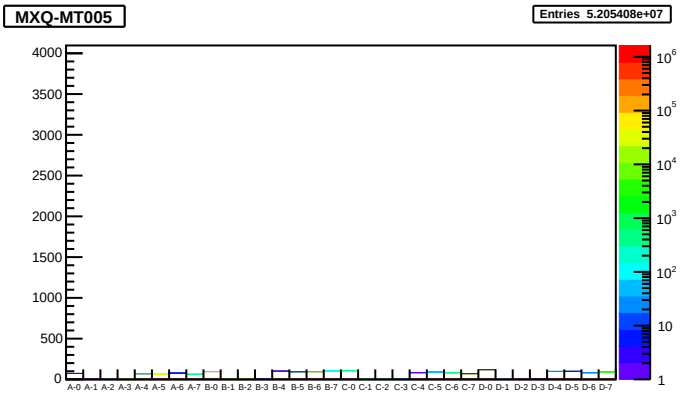

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

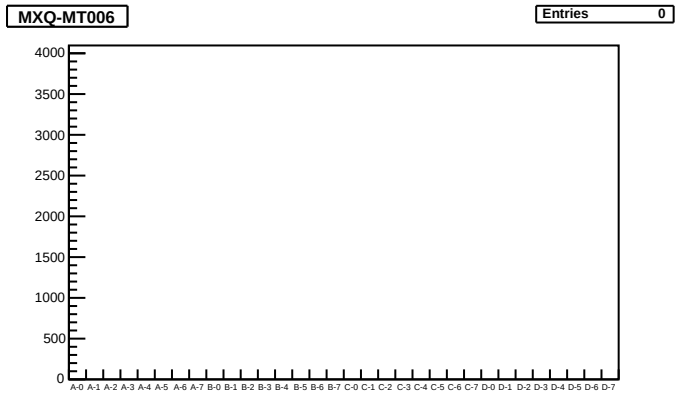

MXQ-MT001
Entries 5.205408e+07

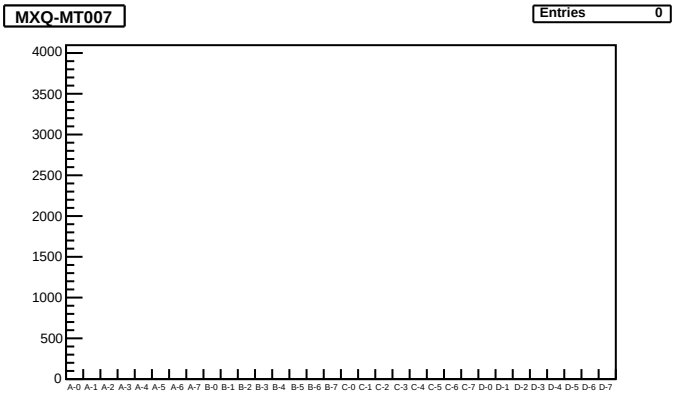

MXQ-MT002
Entries 5.205408e+07

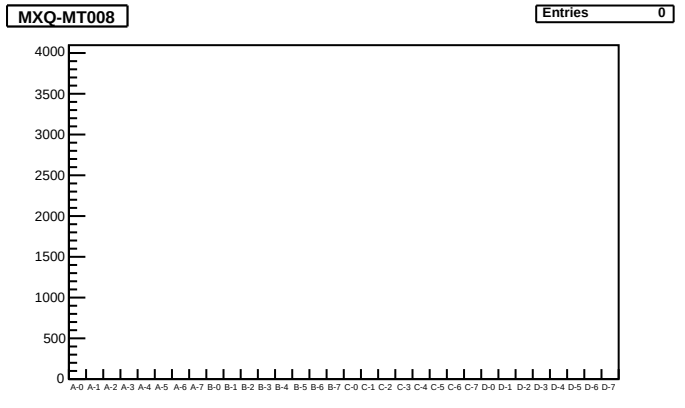

MXQ-MT003
Entries 5.205408e+07

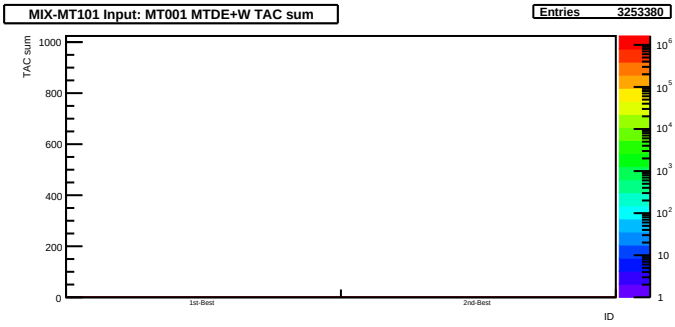

MXQ-MT004
Entries 5.205408e+07

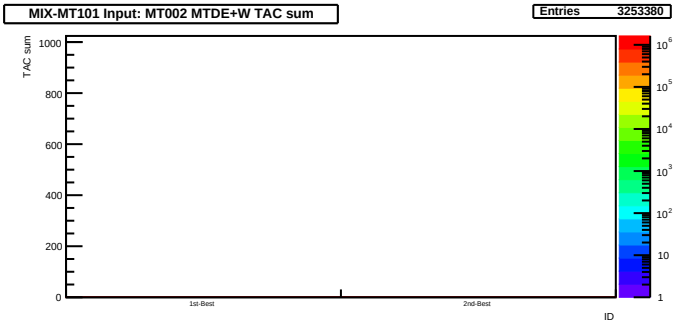

MXQ-MT005
Entries 5.205408e+07

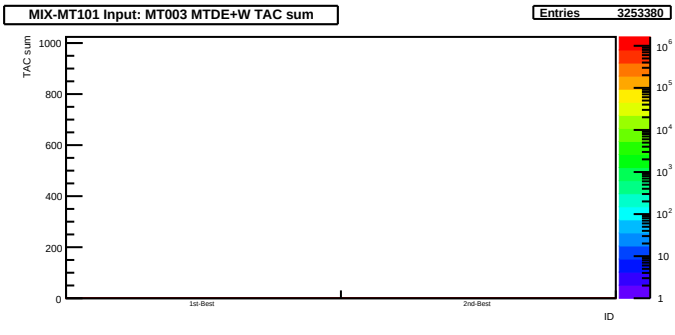

MXQ-MT006
Entries 0

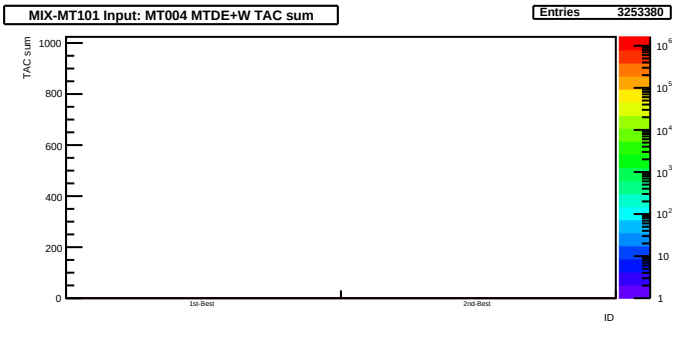

MXQ-MT007
Entries 0

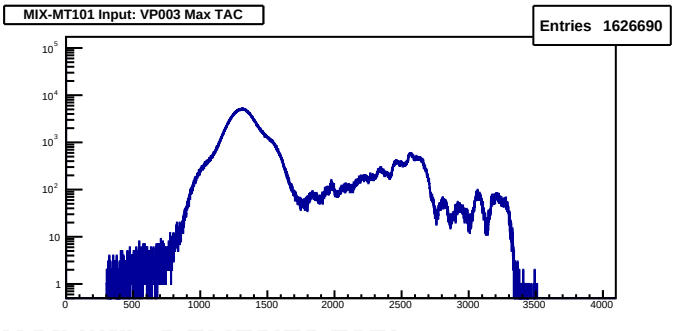

MXQ-MT008
Entries 0

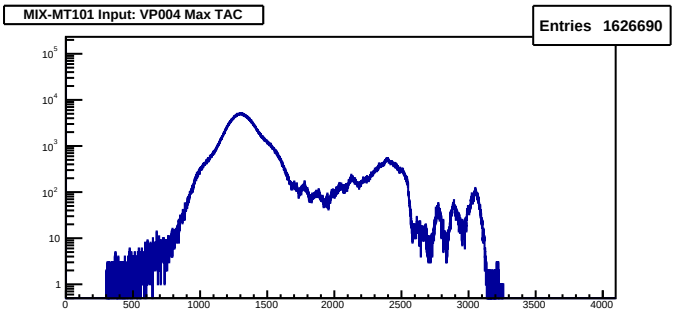

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3253380
TAC sum
1st-Best
2nd-Best
ID

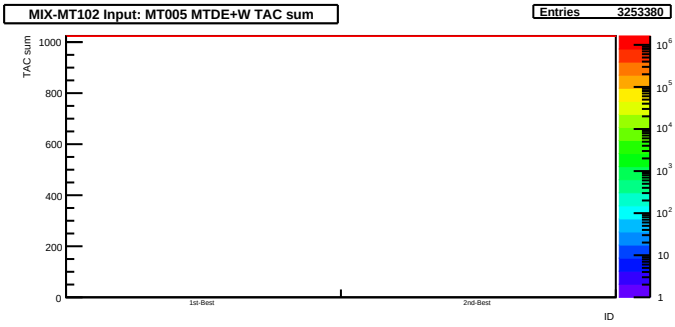

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3253380
TAC sum
1st-Best
2nd-Best
ID

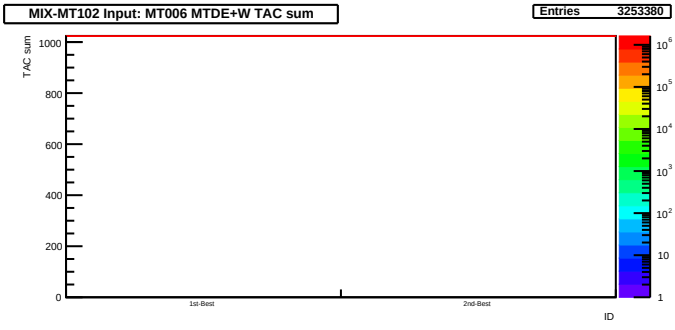

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 3253380
TAC sum
1st-Best
2nd-Best
ID

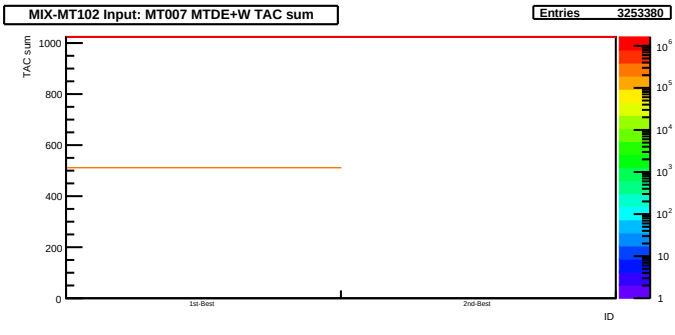

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 3253380
TAC sum
1st-Best
2nd-Best
ID

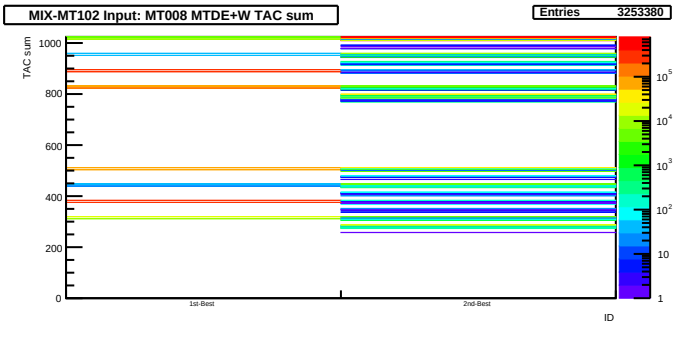

MIX-MT101 Input: VP003 Max TAC
Entries 1626690

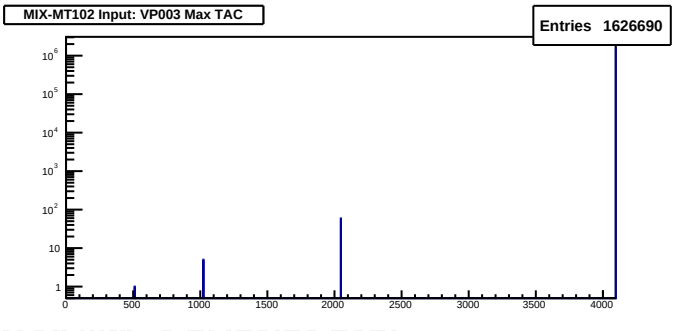

MIX-MT101 Input: VP004 Max TAC
Entries 1626690

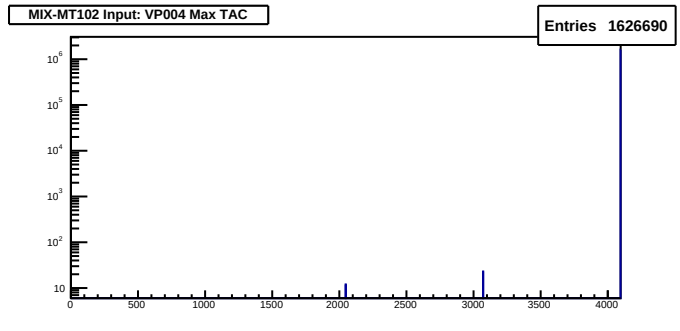

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 3253380
TAC sum
1st-Best
2nd-Best
ID

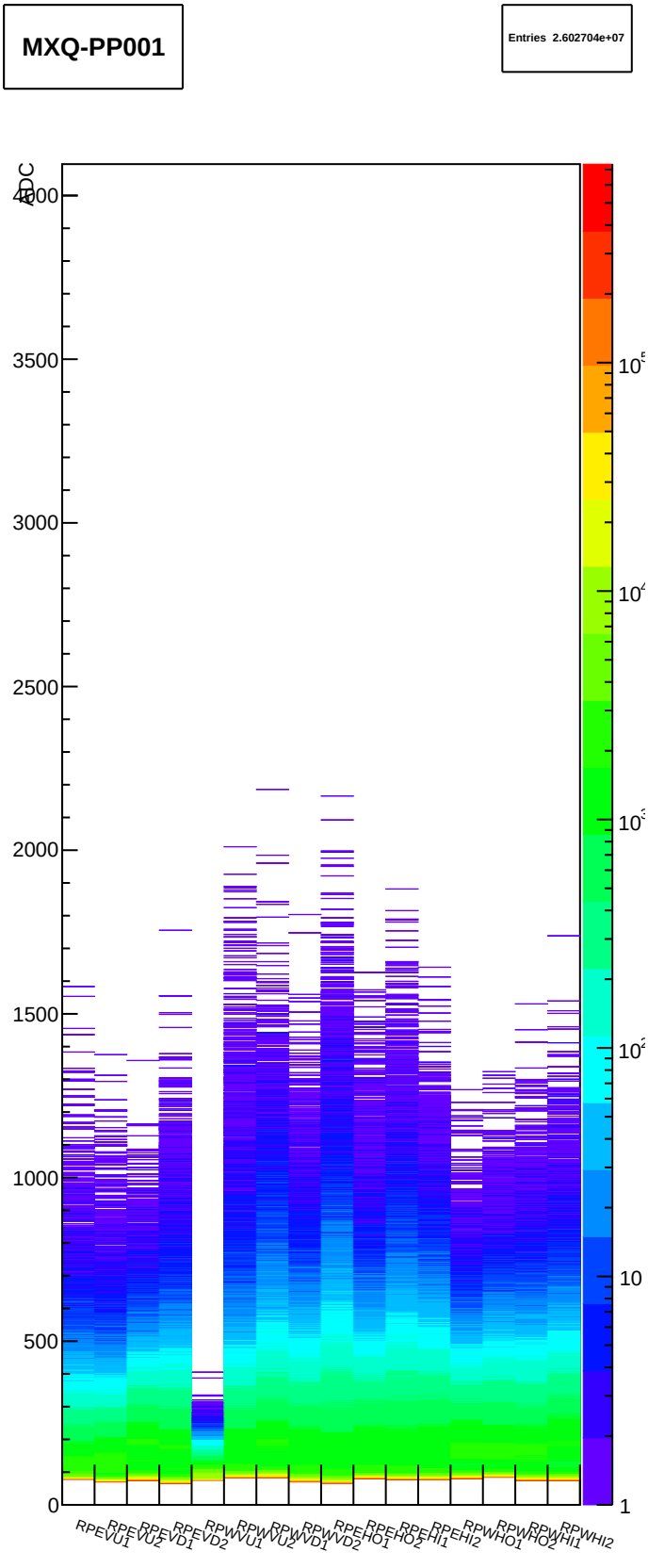

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 3253380
TAC sum
1st-Best
2nd-Best
ID

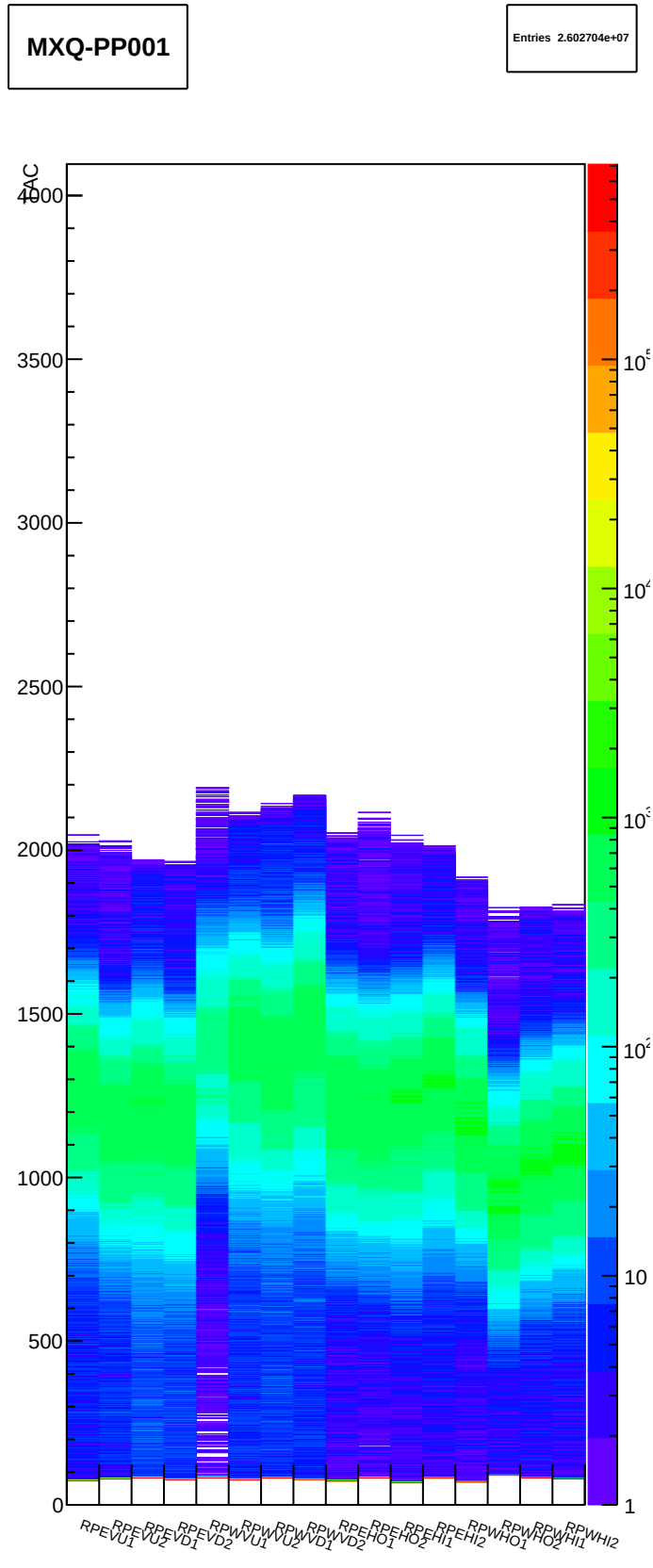

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 3253380
TAC sum
1st-Best
2nd-Best
ID

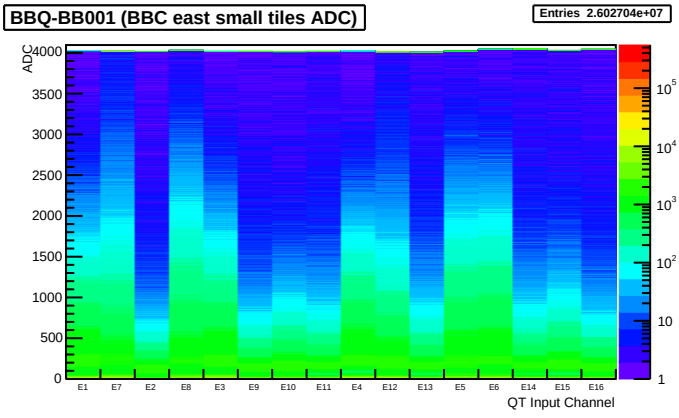

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 3253380
TAC sum
1st-Best
2nd-Best
ID

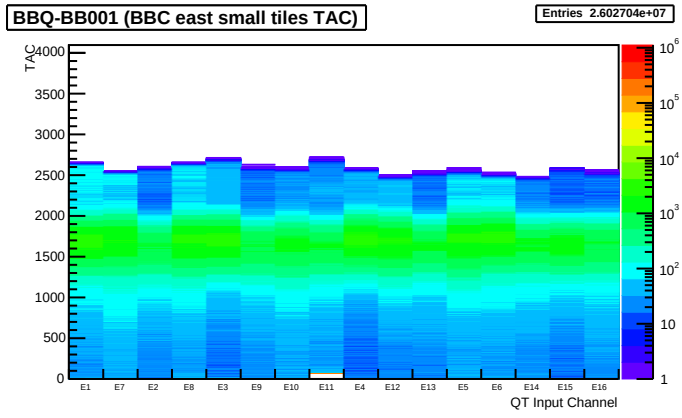

MIX-MT102 Input: VP003 Max TAC
Entries 1626690

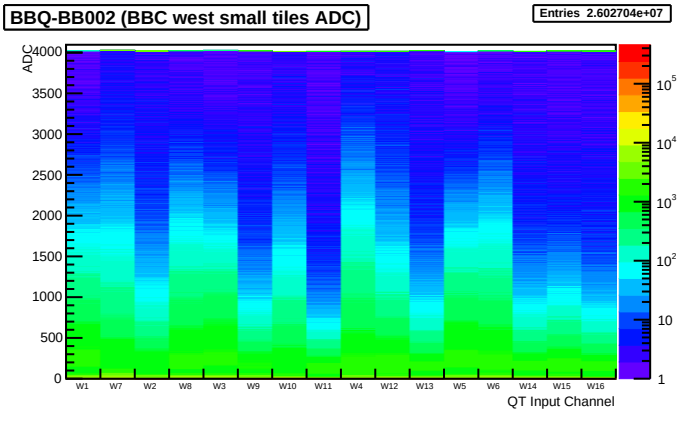

MIX-MT102 Input: VP004 Max TAC
Entries 1626690

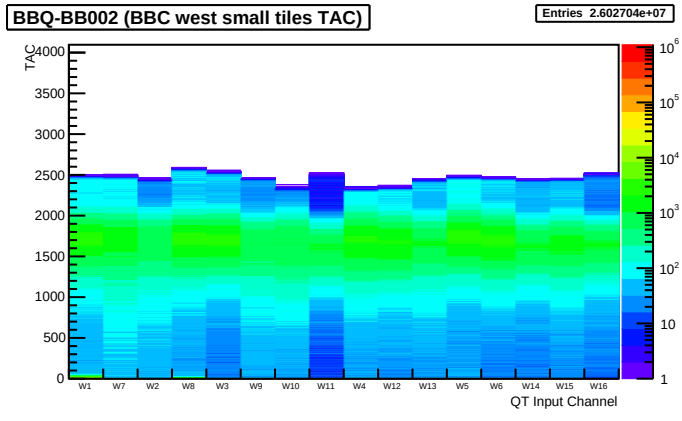

MXQ-PP001
Entries 2.602704e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

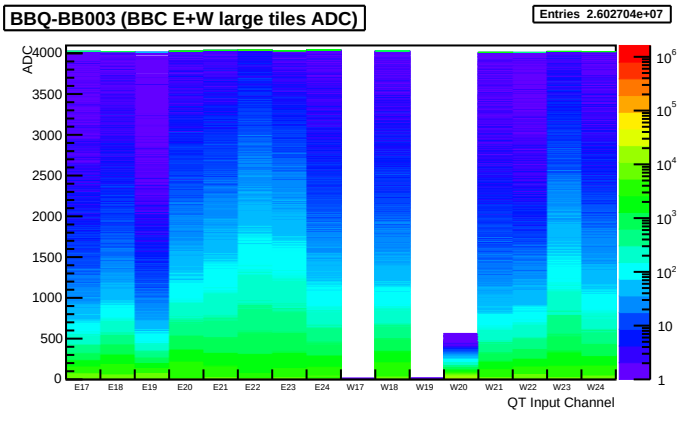

MXQ-PP001
Entries 2.602704e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

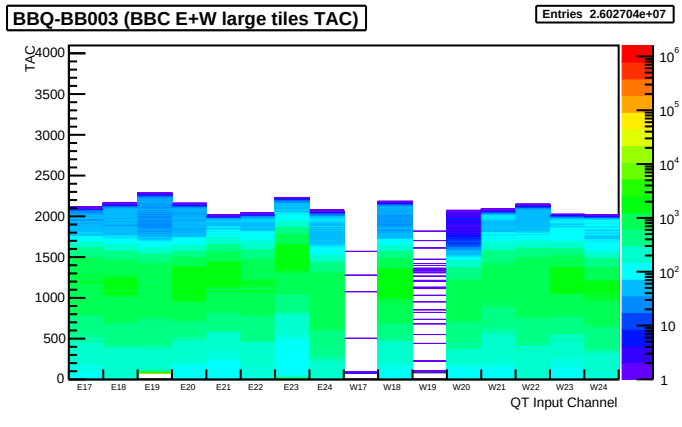

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.602704e+07
ADC
QT Input Channel

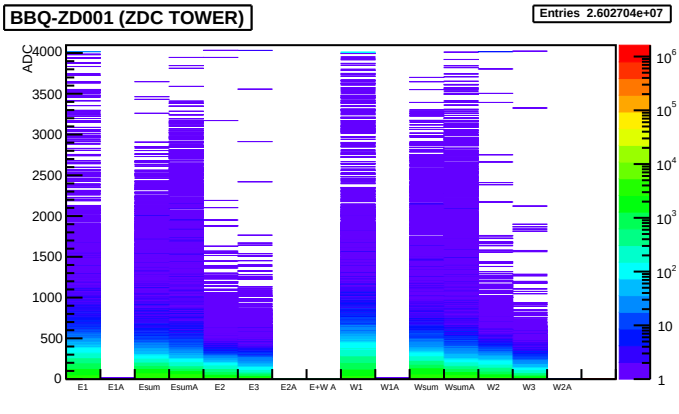

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.602704e+07
TAC
QT Input Channel

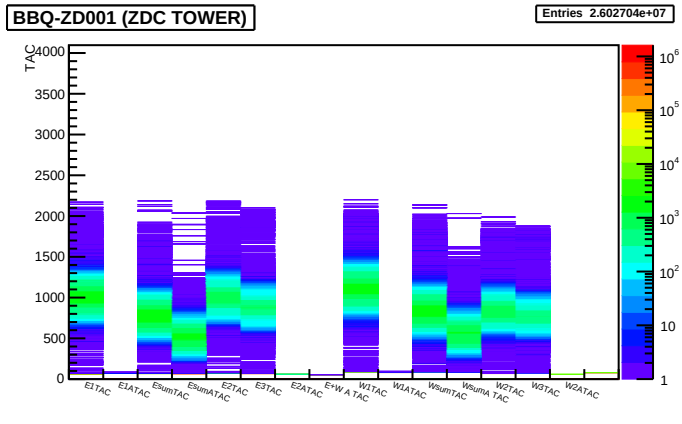

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.602704e+07
ADC
QT Input Channel

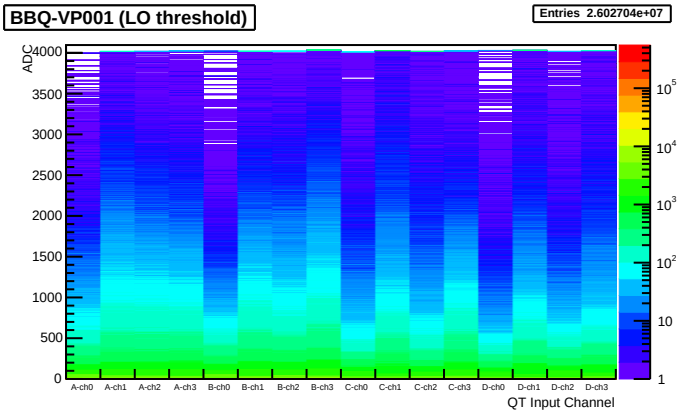

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.602704e+07
TAC
QT Input Channel

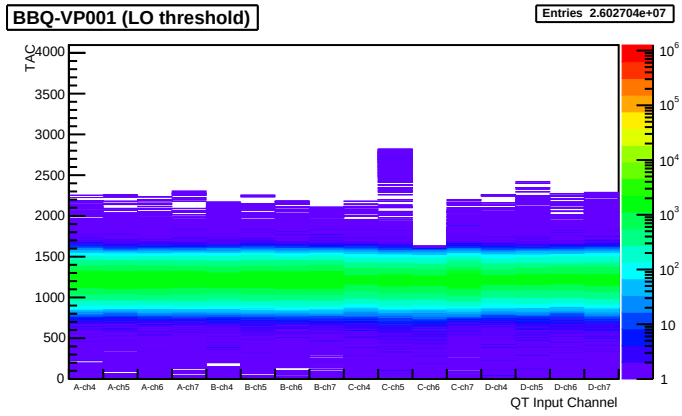

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.602704e+07
ADC
QT Input Channel

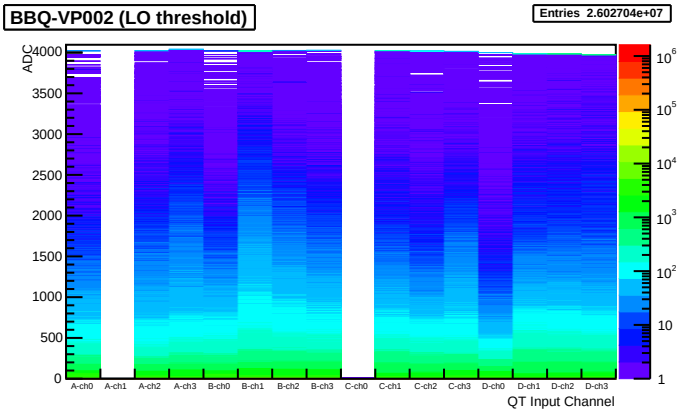

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.602704e+07
TAC
QT Input Channel

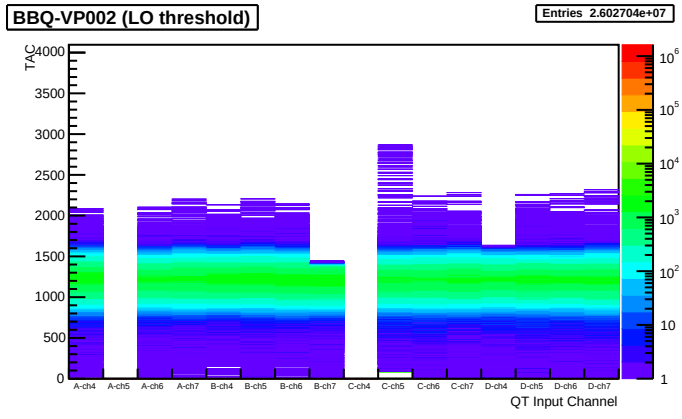

BBQ-ZD001 (ZDC TOWER)
Entries 2.602704e+07
ADC

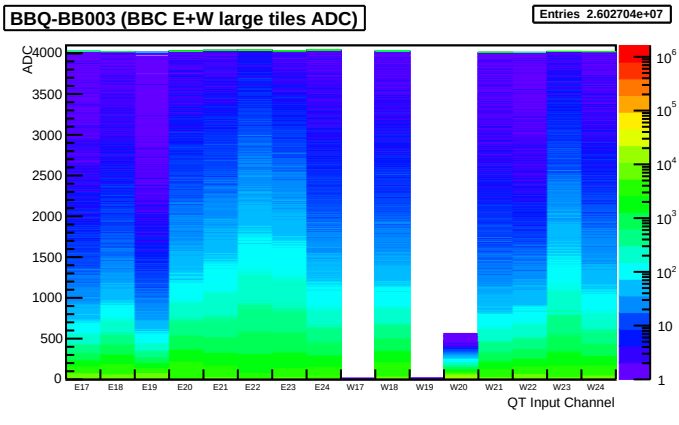

BBQ-ZD001 (ZDC TOWER)
Entries 2.602704e+07
TAC

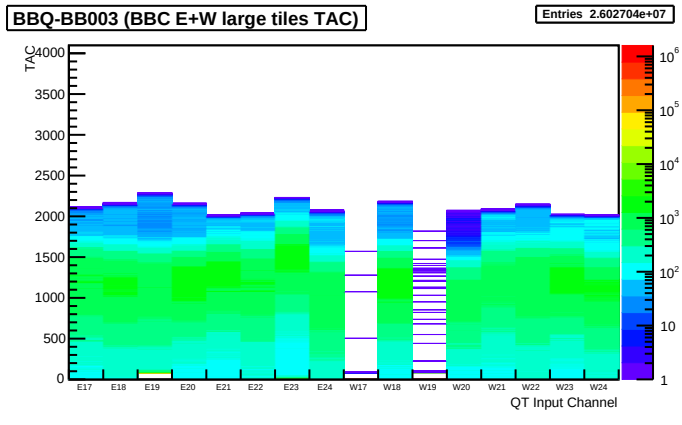

BBQ-VP001 (LO threshold)
Entries 2.602704e+07
ADC
QT Input Channel

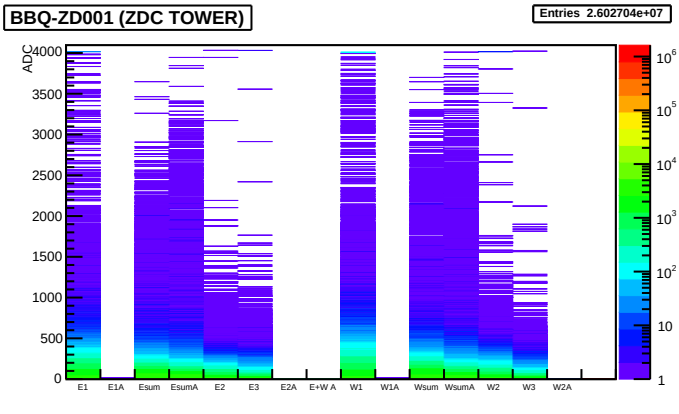

BBQ-VP001 (LO threshold)
Entries 2.602704e+07
TAC
QT Input Channel

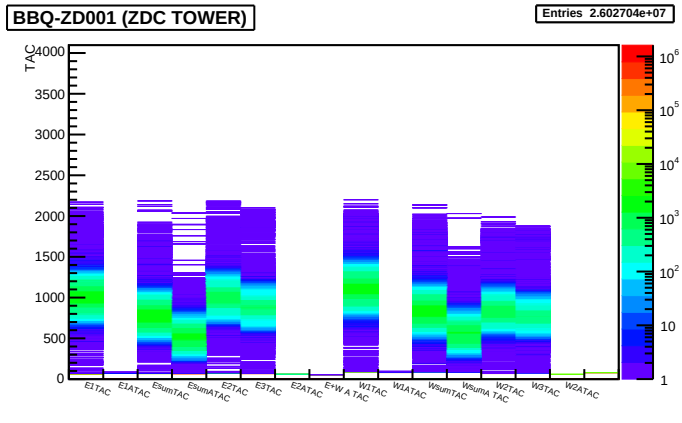

BBQ-VP002 (LO threshold)
Entries 2.602704e+07
ADC
QT Input Channel

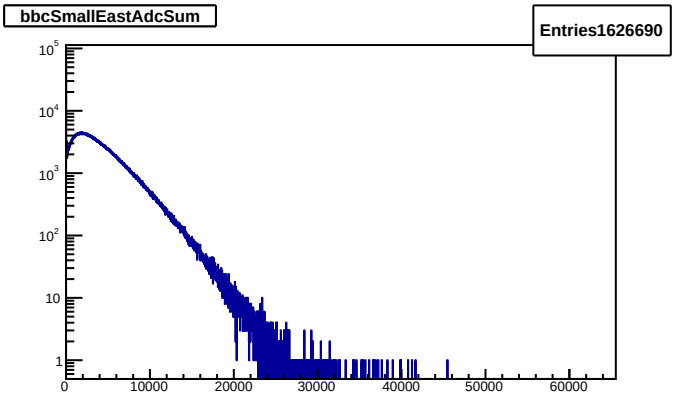

BBQ-VP002 (LO threshold)
Entries 2.602704e+07
TAC
QT Input Channel

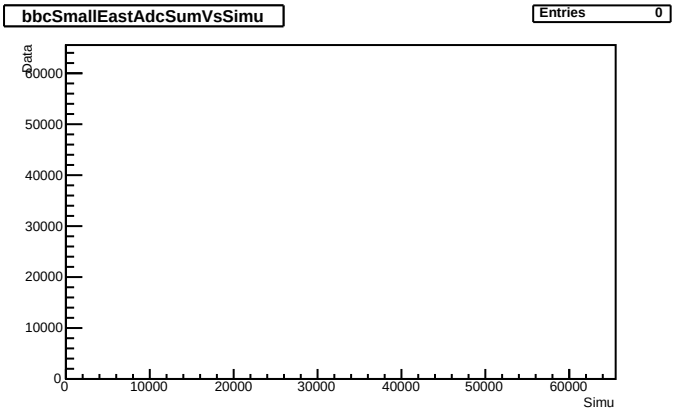

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.602704e+07
ADC
QT Input Channel

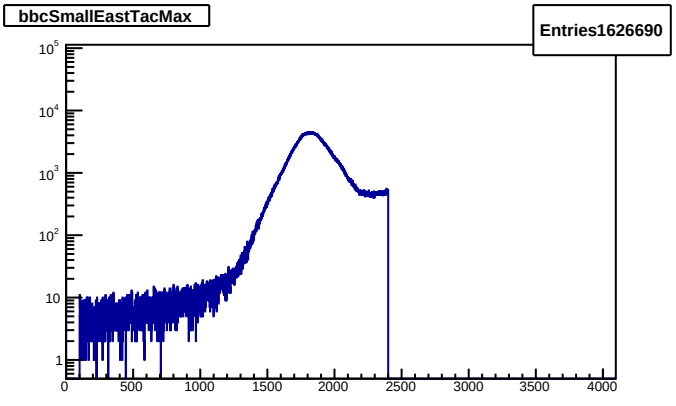

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.602704e+07
TAC
QT Input Channel

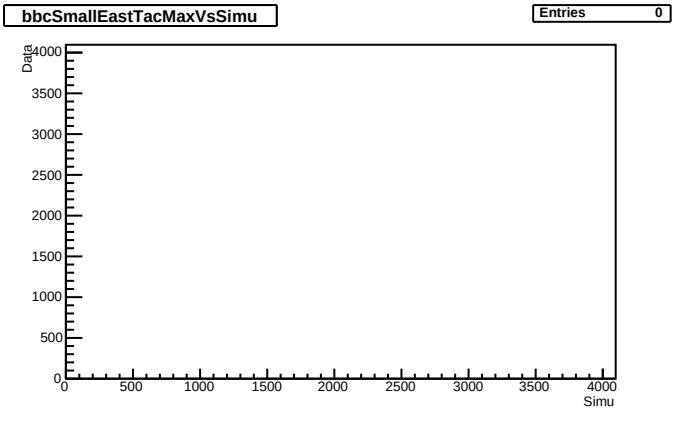

BBQ-ZD001 (ZDC TOWER)
Entries 2.602704e+07
ADC

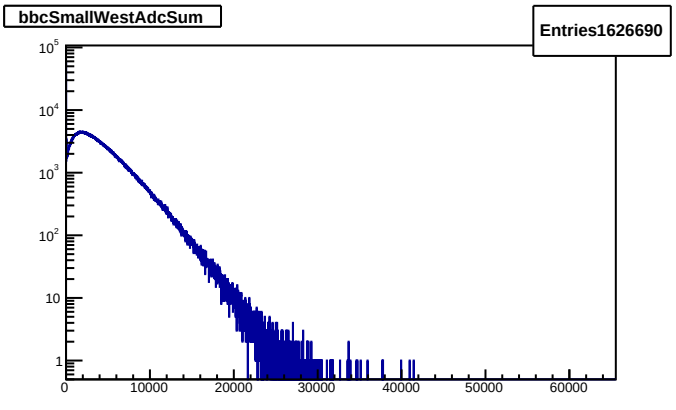

BBQ-ZD001 (ZDC TOWER)
Entries 2.602704e+07
TAC

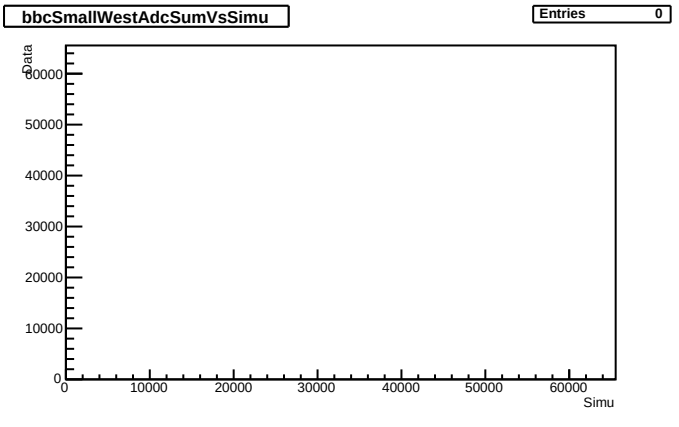

bbcSmallEastAdcSum
Entries1626690

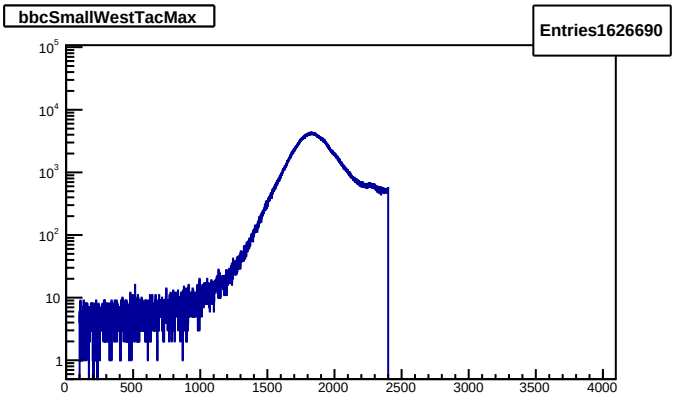

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

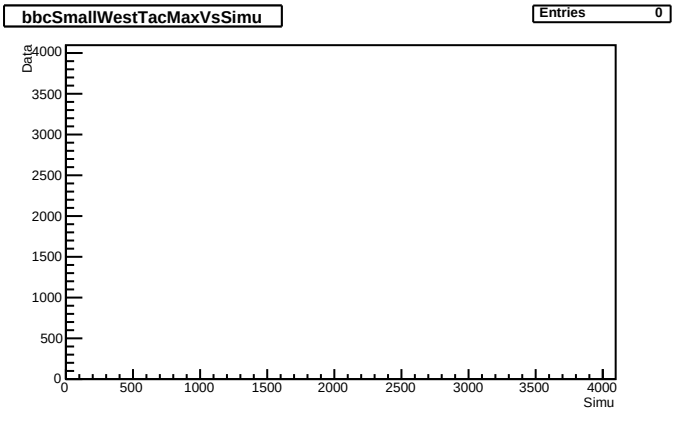

bbcSmallEastTacMax
Entries1626690

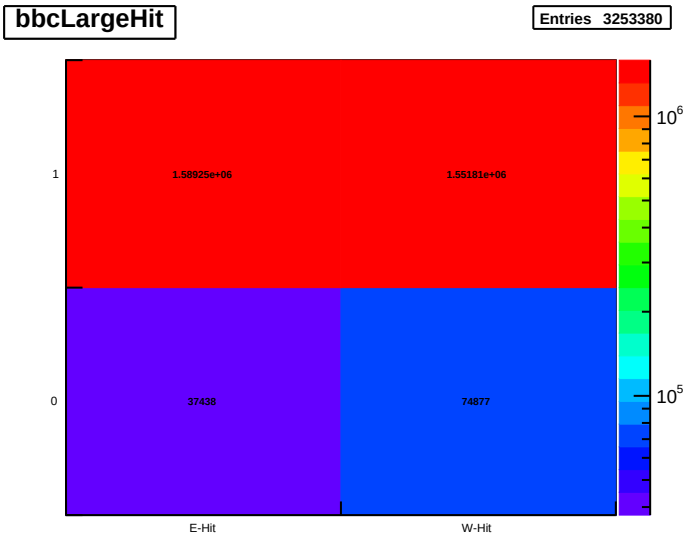

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

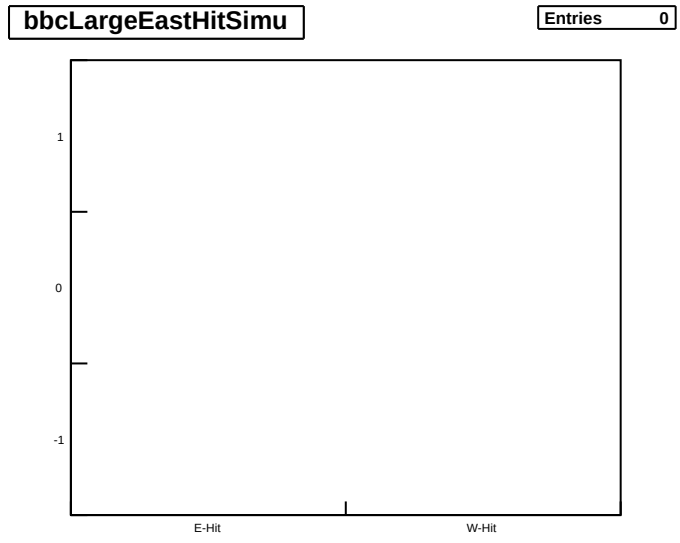

bbcSmallWestAdcSum
Entries1626690

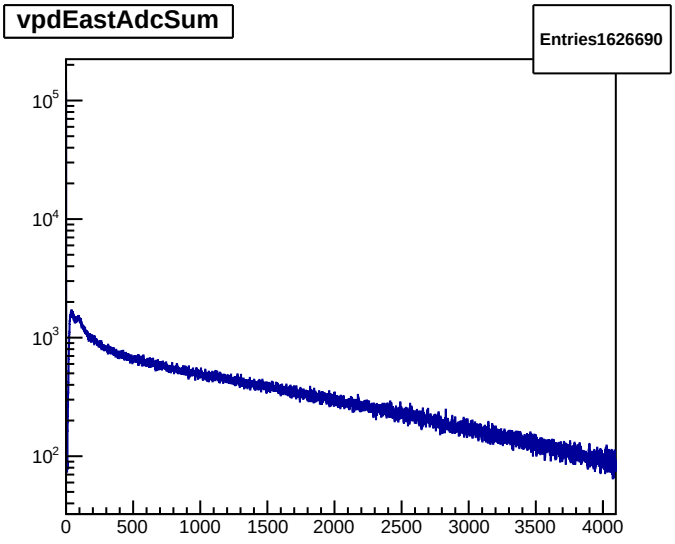

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

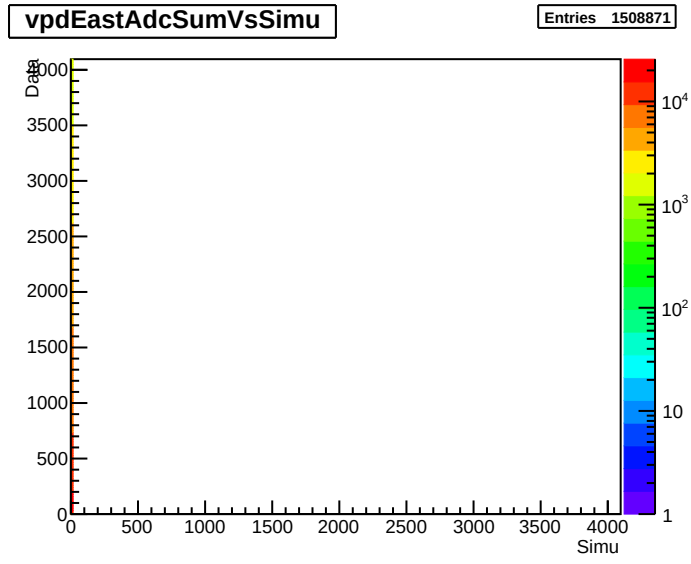

bbcSmallWestTacMax
Entries1626690

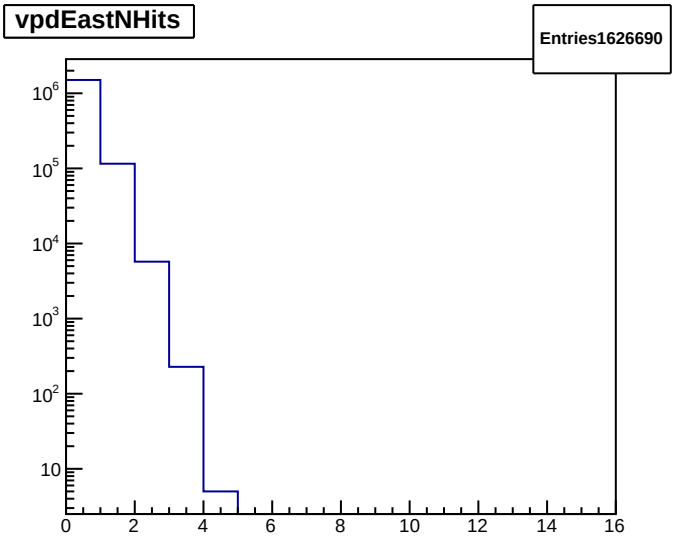

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

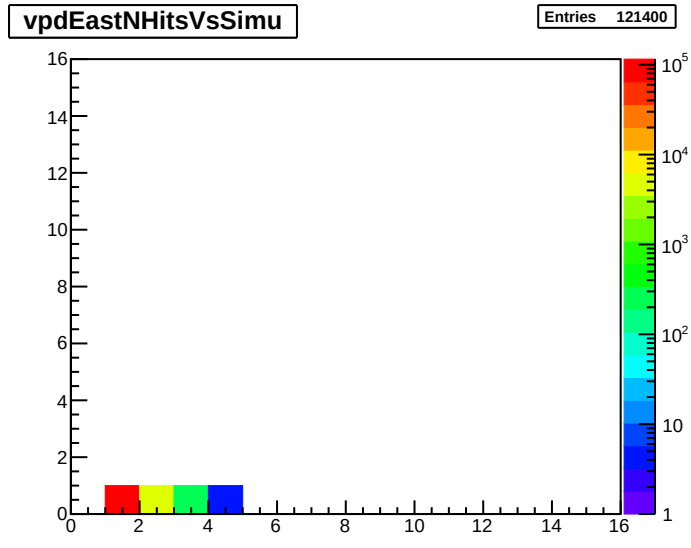

bbcLargeHit
Entries 3253380
1.58925e+06
1.55181e+06
37438
74877
1
0
E-Hit
W-Hit
10^6
10^5

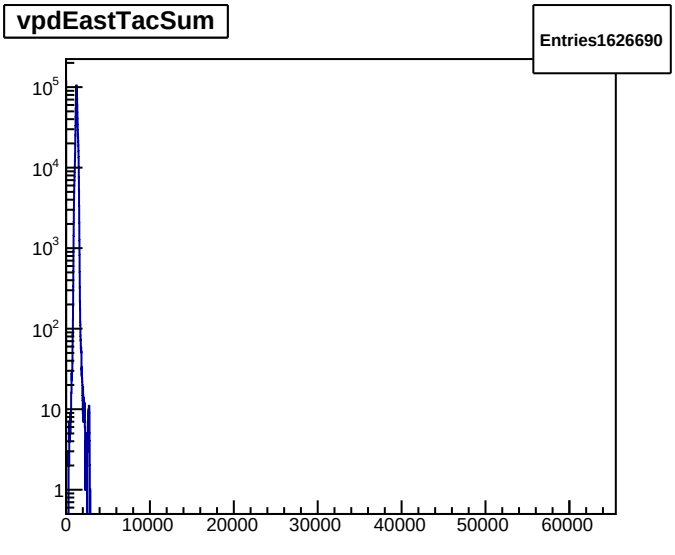

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

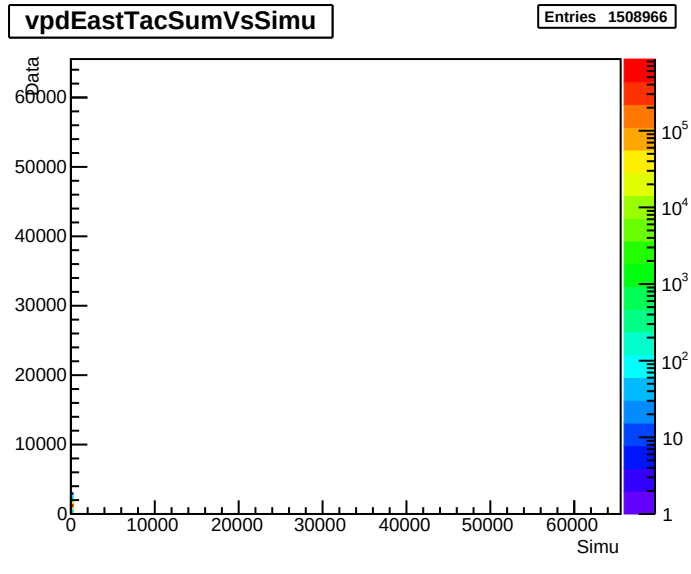

vpdEastAdcSum
Entries1626690

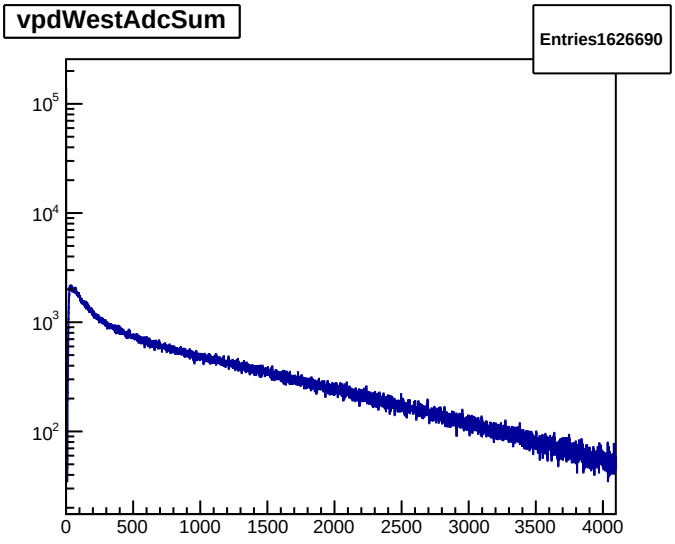

vpdEastAdcSumVsSimu
Entries 1508871
Data
Simu

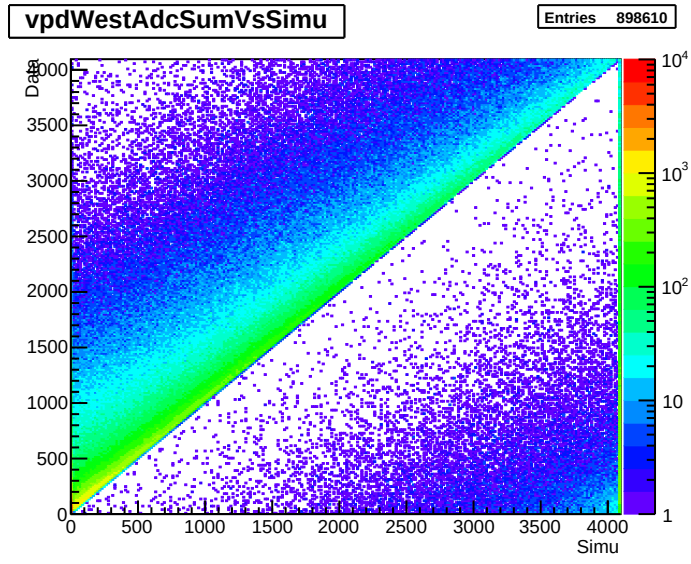

vpdEastNHits
Entries1626690

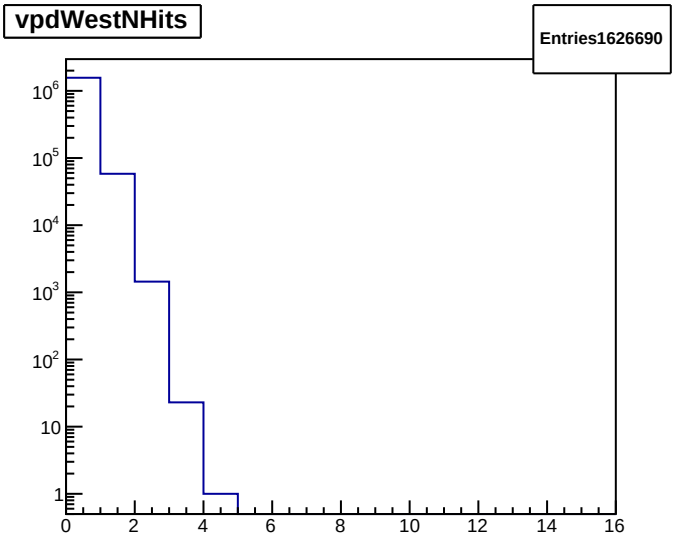

vpdEastNHitsVsSimu
Entries 121400

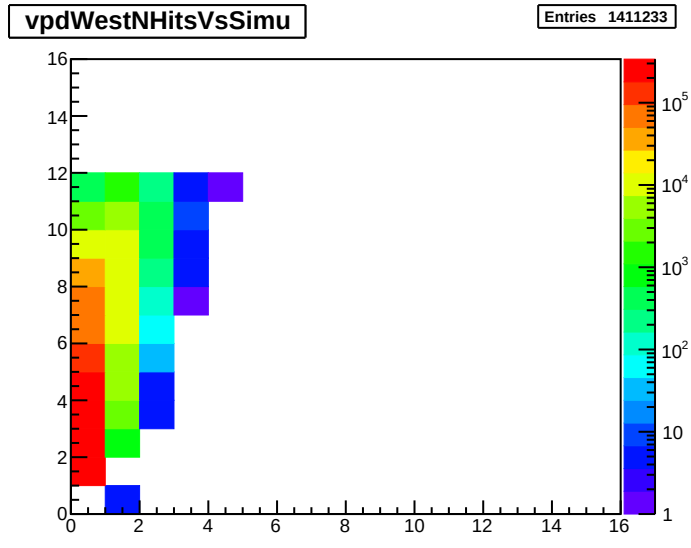

vpdEastTacSum
Entries1626690

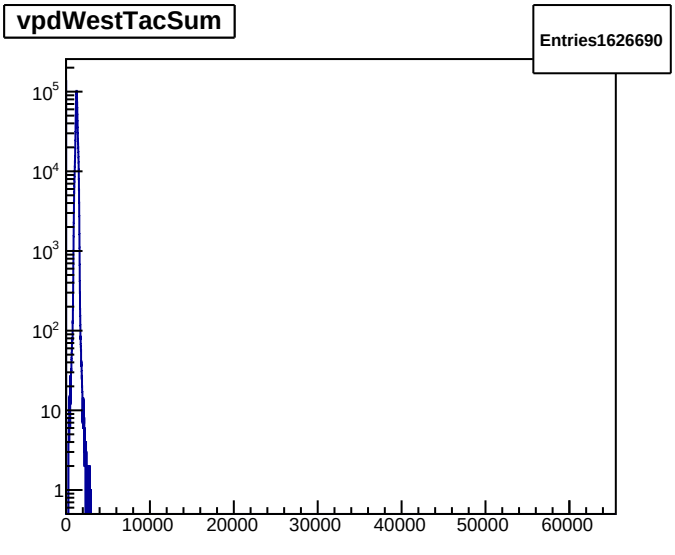

vpdEastTacSumVsSimu
Entries 1508966
Data
Simu

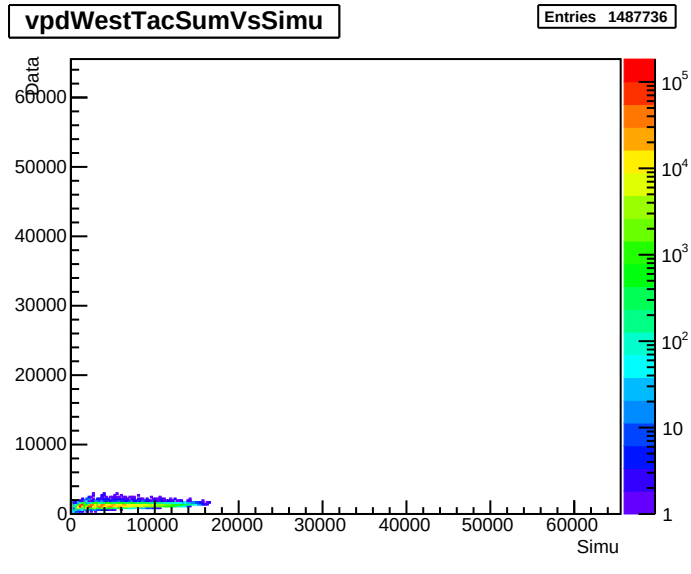

vpdWestAdcSum
Entries1626690

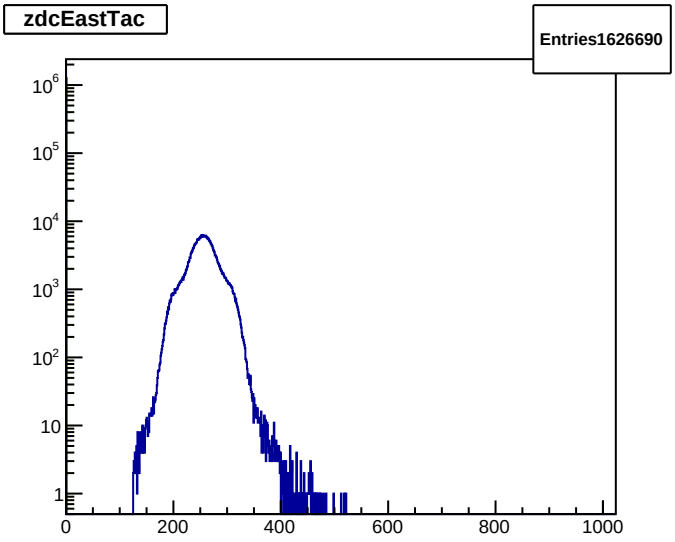

vpdWestAdcSumVsSimu
Entries 898610
Data
Simu

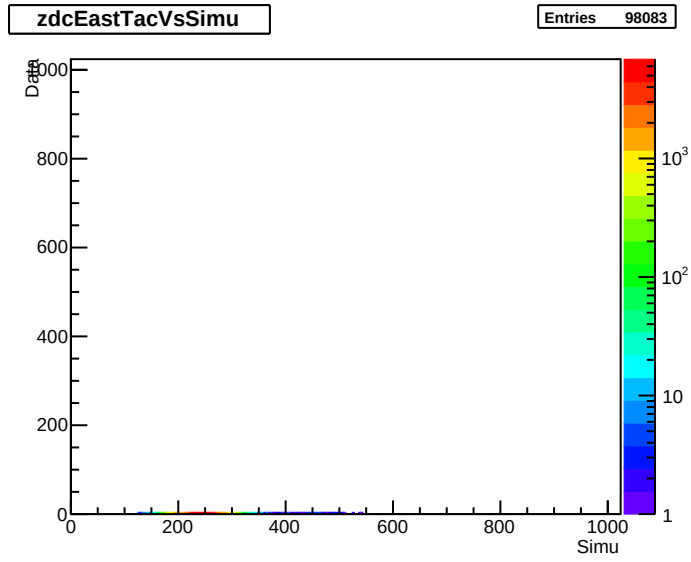

vpdWestNHits
Entries1626690

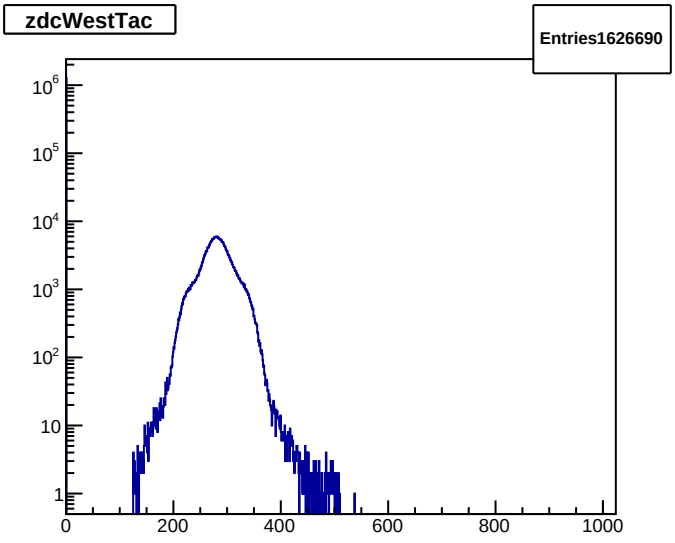

vpdWestNHitsVsSimu
Entries 1411233

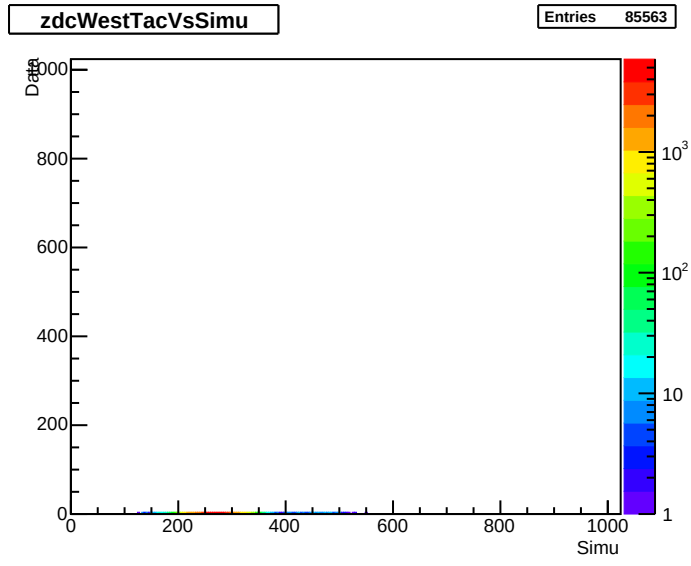

vpdWestTacSum
Entries1626690

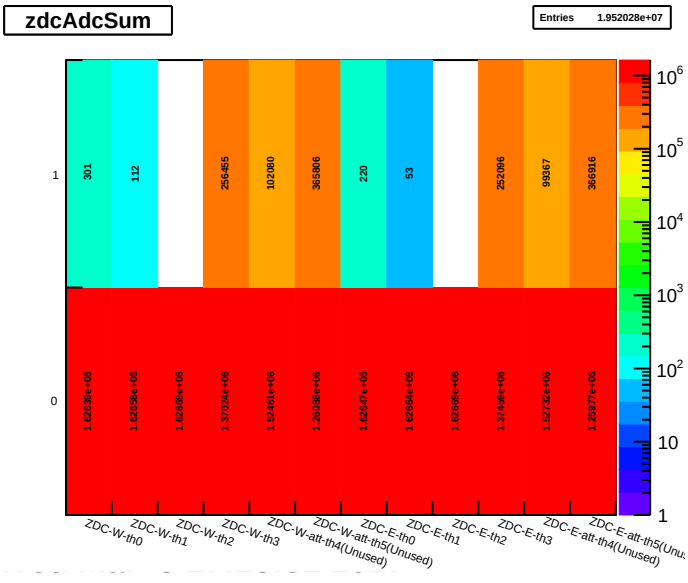

vpdWestTacSumVsSimu
Entries 1487736
Data
Simu

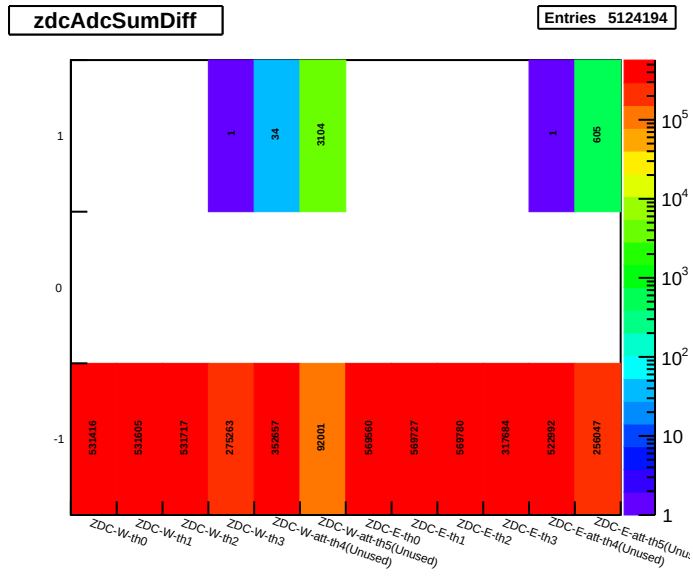

zdcEastTac
Entries1626690

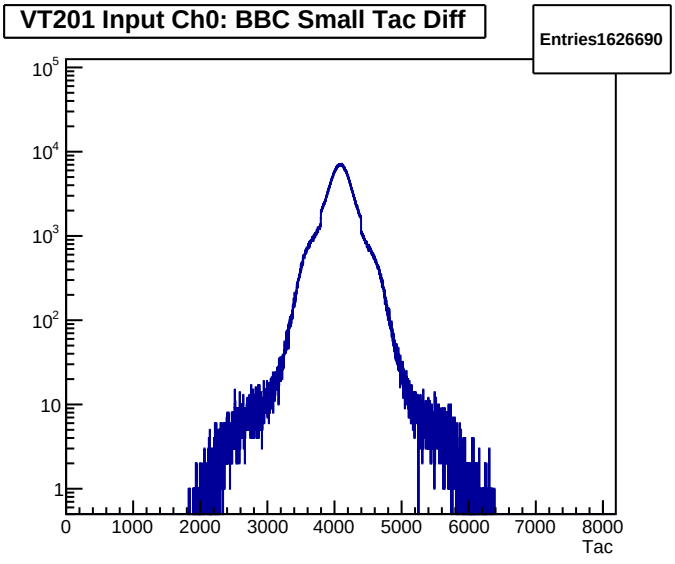

zdcEastTacVsSimu
Entries 98083
Data
Simu

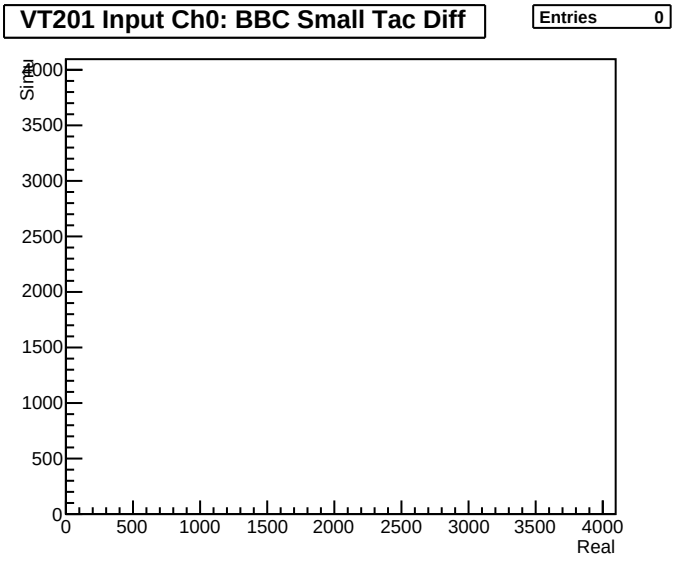

zdcWestTac
Entries1626690

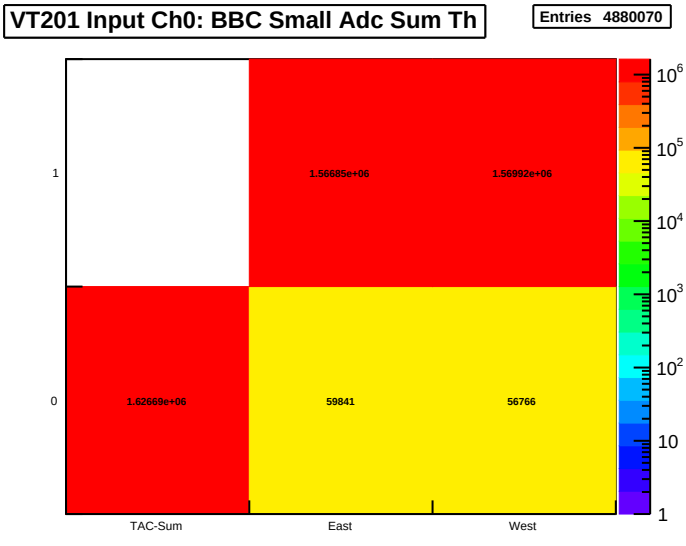

zdcWestTacVsSimu
Entries 85563
Data
Simu

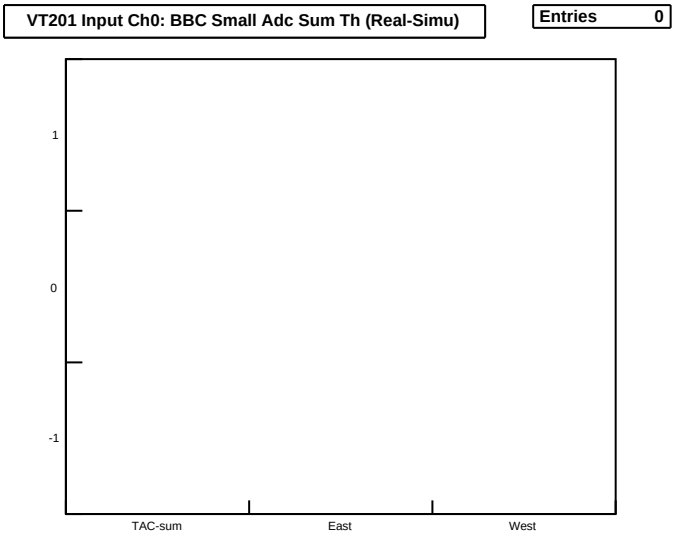

zdcAdcSum
Entries 1.952028e+07
301
112
256455
102080
365806
220
53
252096
99367
366916
1.62638e+06
1.62658e+06
1.62668e+06
1.37024e+06
1.52461e+06
1.29088e+06
1.62647e+06
1.62664e+06
1.62669e+06
1.37458e+06
1.52732e+06
1.25977e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

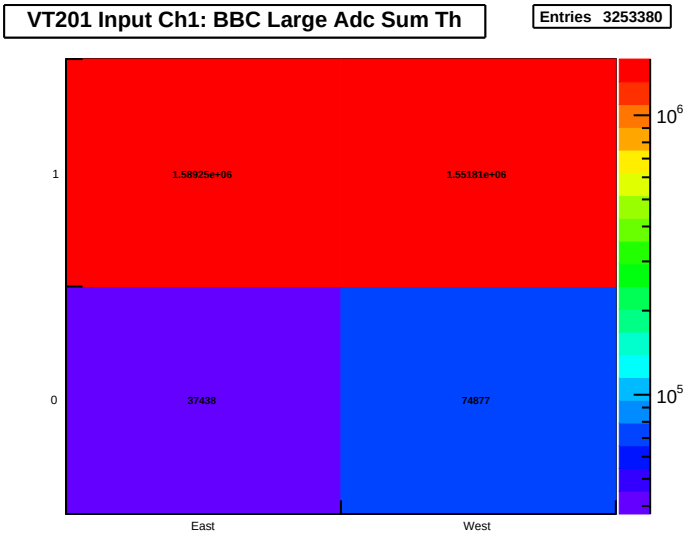

zdcAdcSumDiff
Entries 5124194
1
34
3104
1
605
531416
531605
531717
275263
352857
92001
565560
569727
569780
317684
522992
256047
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

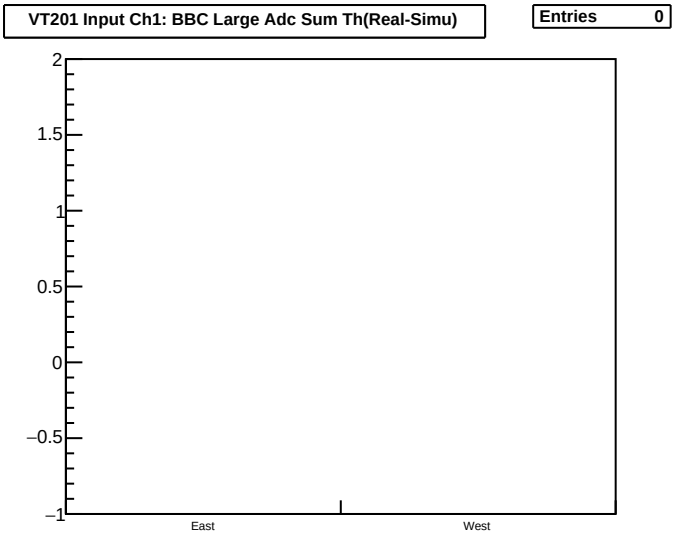

VT201 Input Ch0: BBC Small Tac Diff
Entries1626690
Tac


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

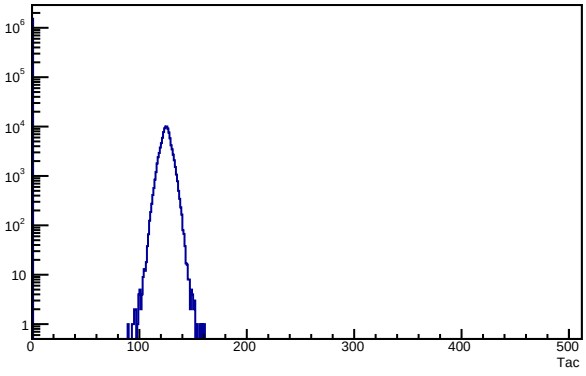

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4880070
1.56685e+06
1.56992e+06
1.62669e+06
59841
56766
TAC-Sum
East
West


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

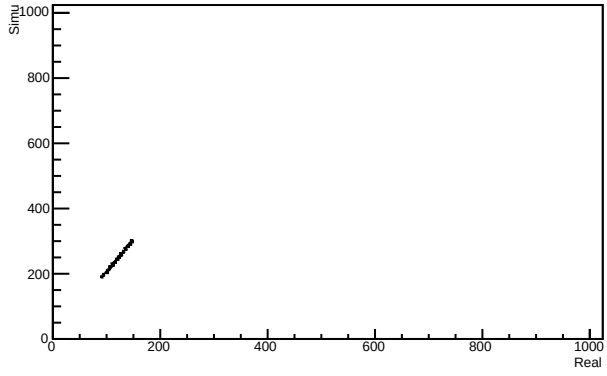

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 3253380
1.58925e+06
1.55181e+06
37438
74877
East
West


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

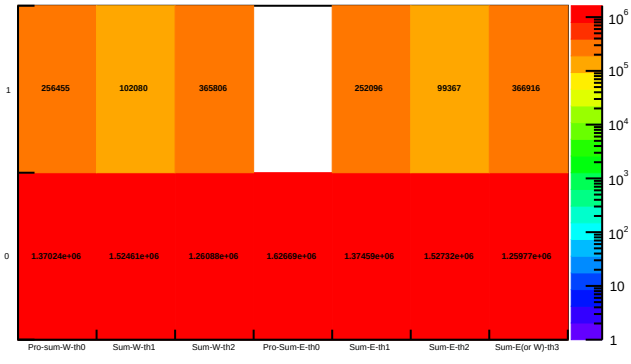
VT201 Input Ch2: ZDC Tac Diff



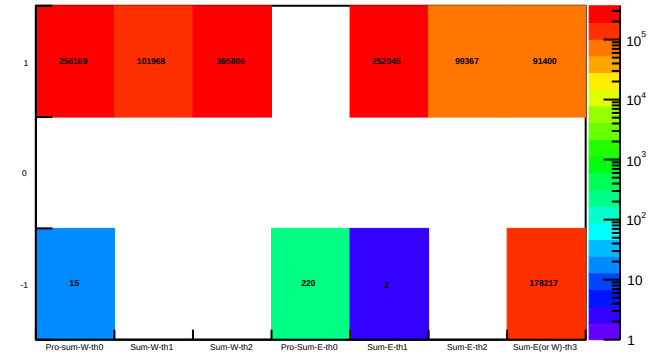
VT201 Input Ch2: ZDC Tac Diff



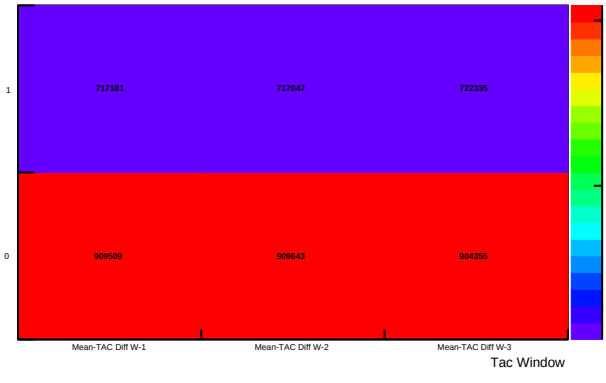
VT201 Input Ch2: ZDC Adc Sum Th



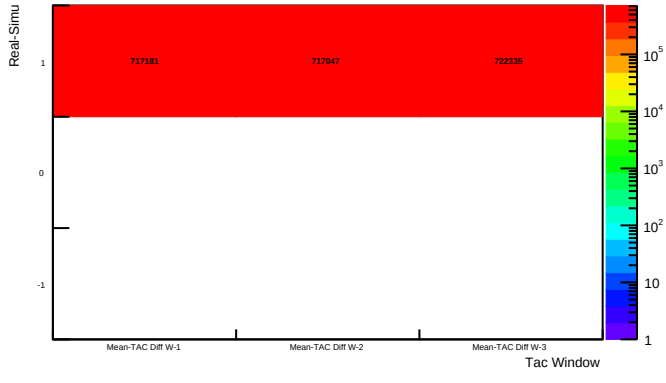
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



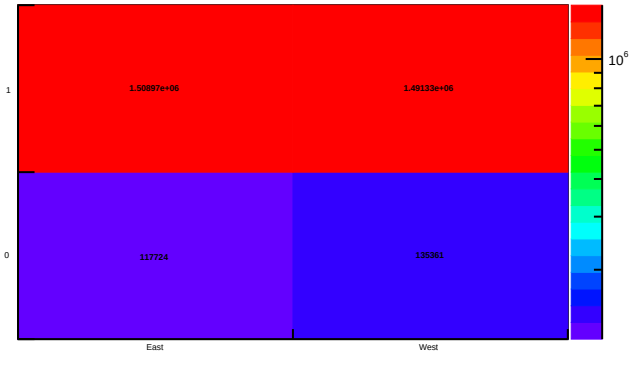
VT201 Input Ch4: VPD Tac Diff



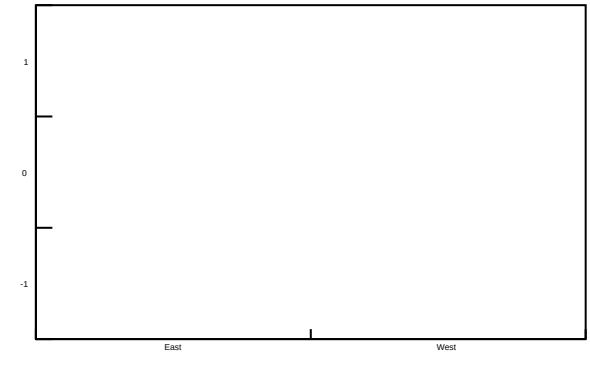
VT201 Input Ch4: VPD Tac Diff

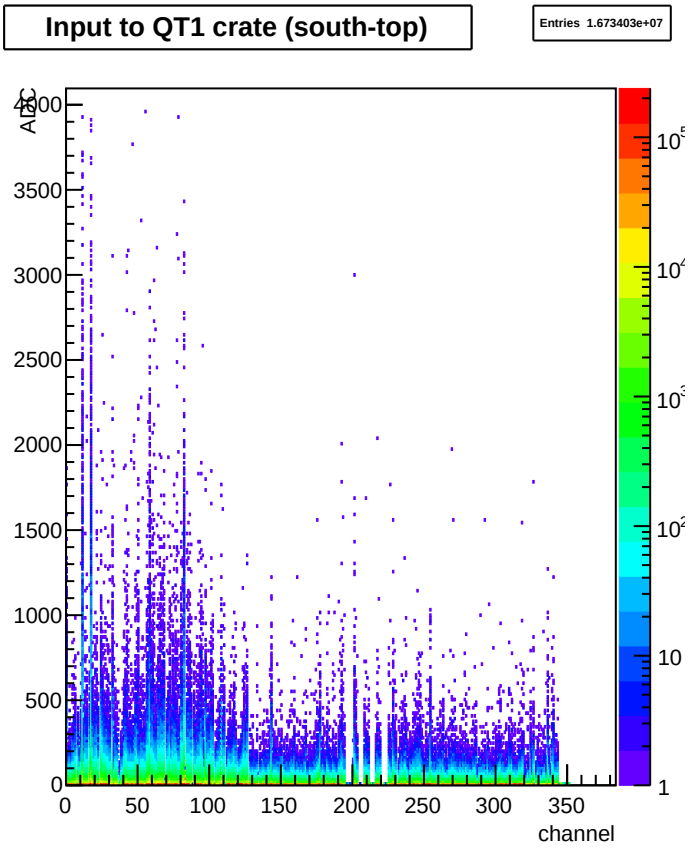


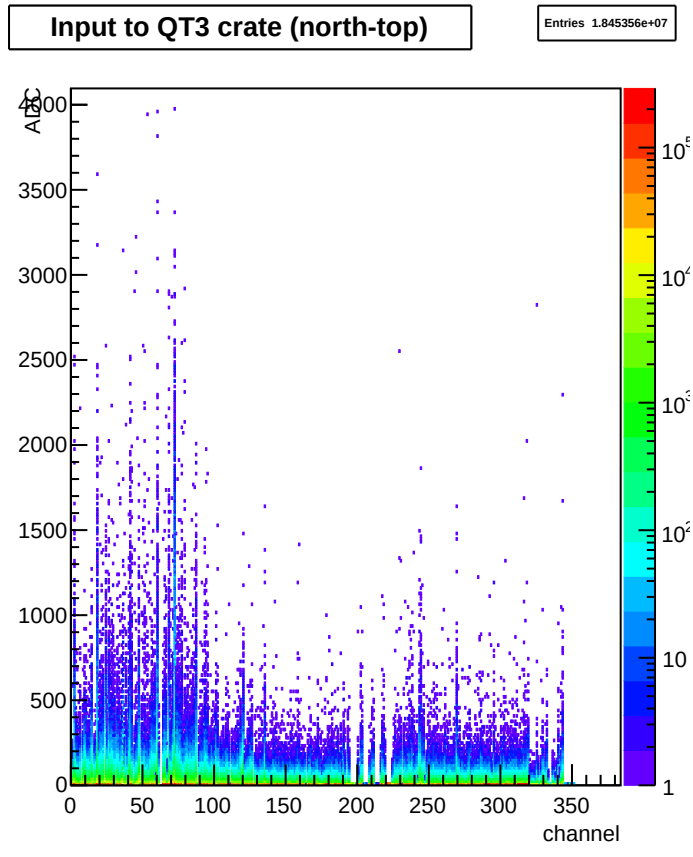
VT201 Input Ch4: VPD Adc Sum Th

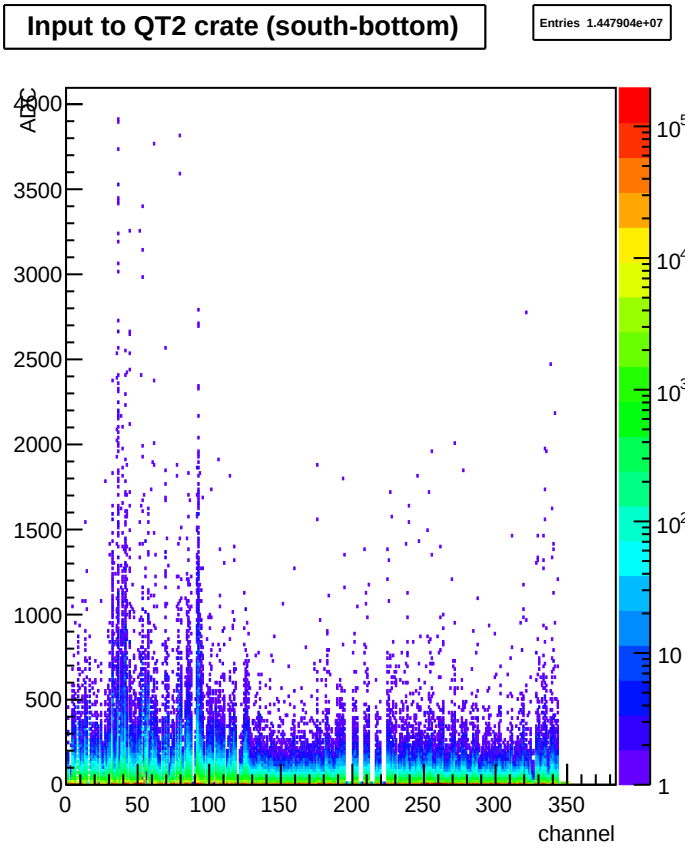


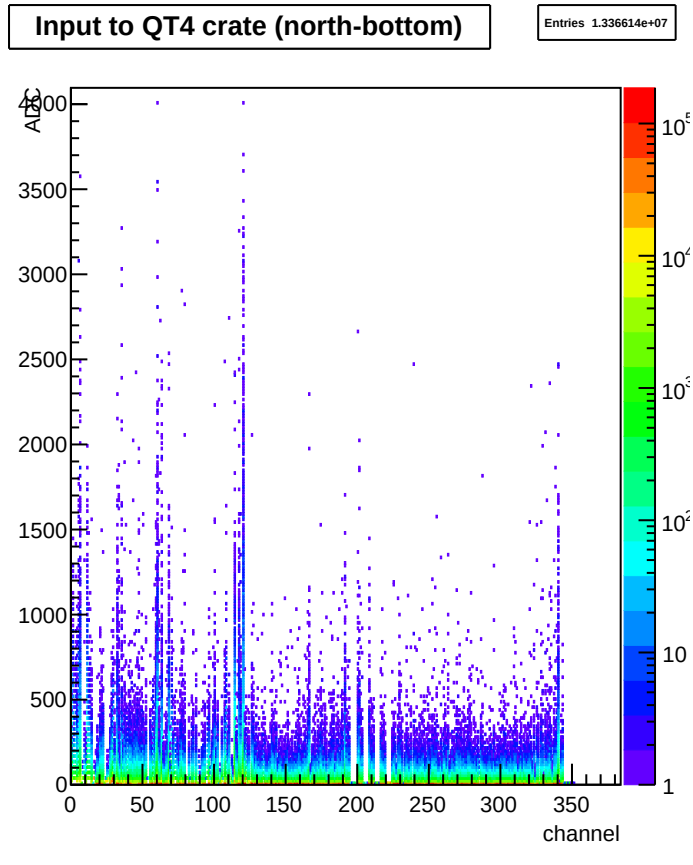
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

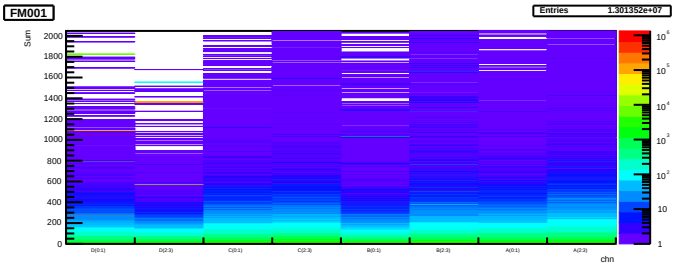


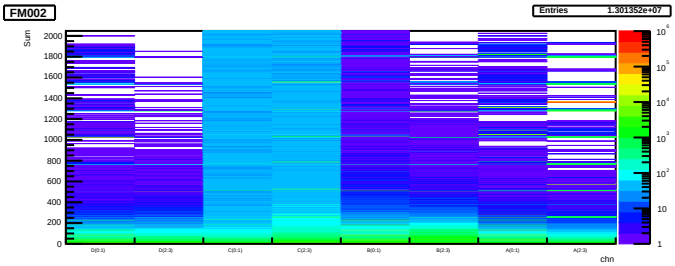

Input to QT1 crate (south-top)
Entries 1.673403e+07
ADC
channel

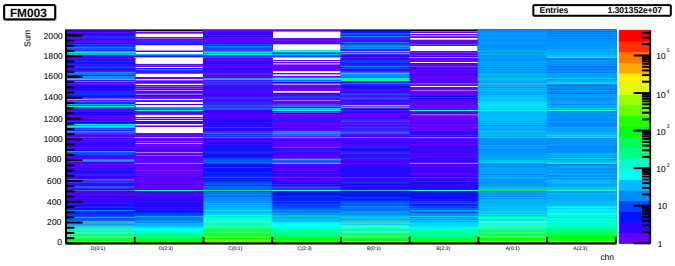

Input to QT3 crate (north-top)
Entries 1.845356e+07
ADC
channel

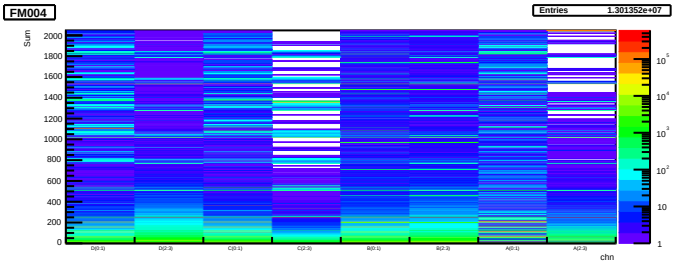

Input to QT2 crate (south-bottom)
Entries 1.447904e+07
ADC
channel

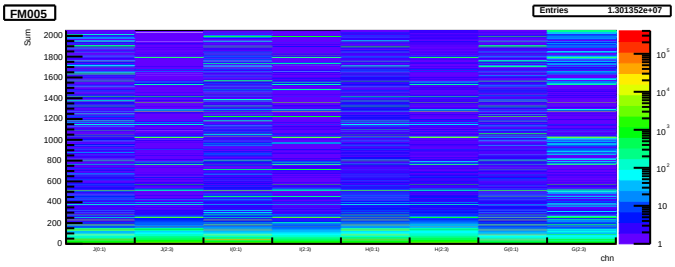

Input to QT4 crate (north-bottom)
Entries 1.336614e+07
ADC
channel

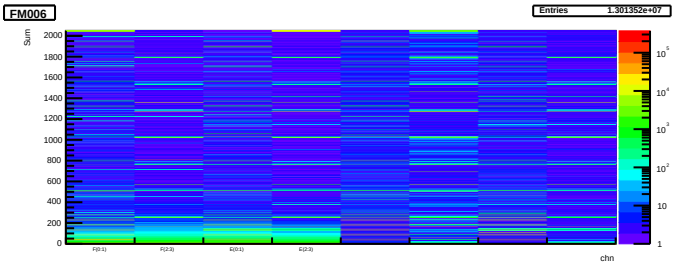

FM001
Entries 1.301352e+07
Sum
chn

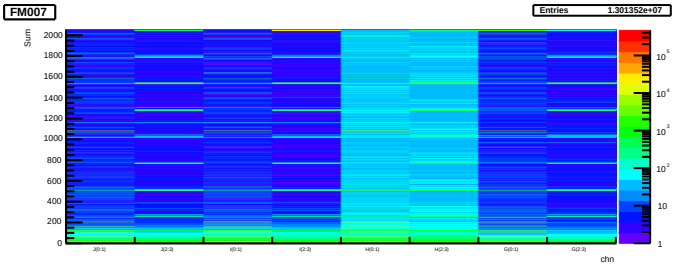

FM002
Entries 1.301352e+07
Sum
chn

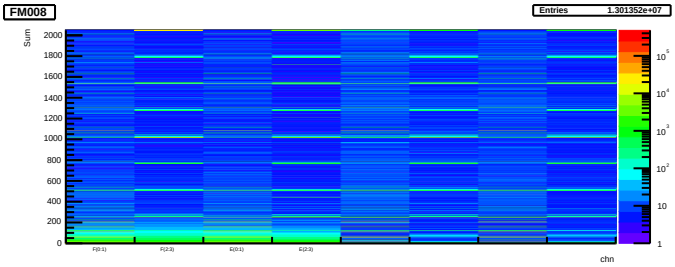

FM003
Entries 1.301352e+07
Sum
chn

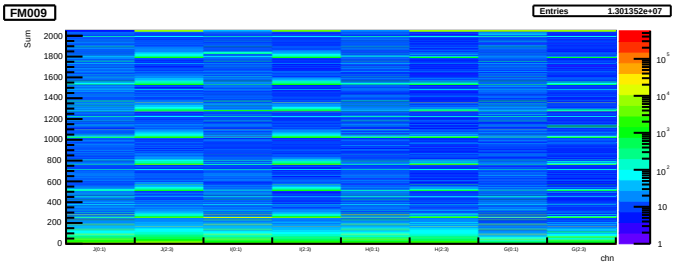

FM004
Entries 1.301352e+07
Sum
chn

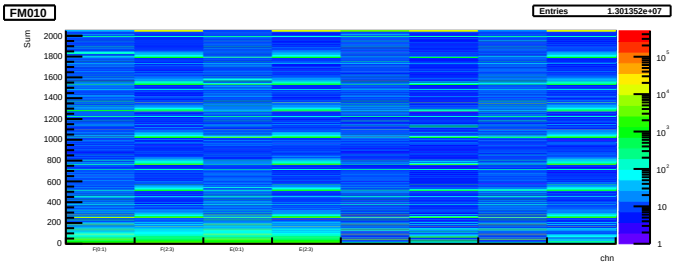

FM005
Entries 1.301352e+07
Sum
chn

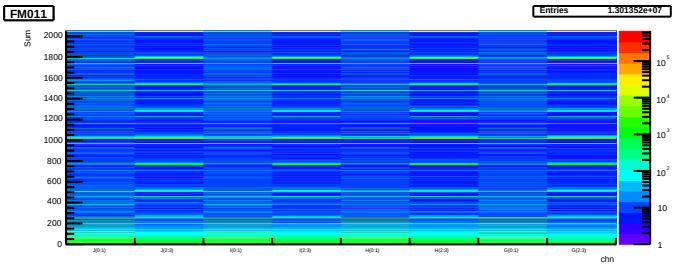

FM006
Entries 1.301352e+07
Sum
chn

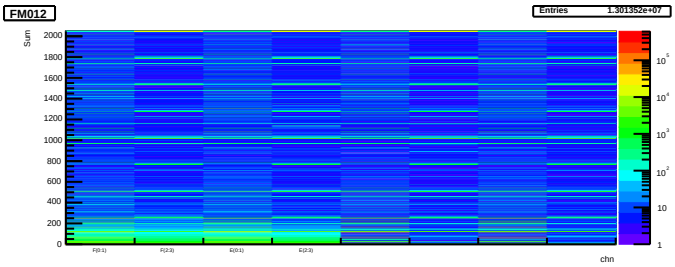

FM007
Entries 1.301352e+07
Sum
chn

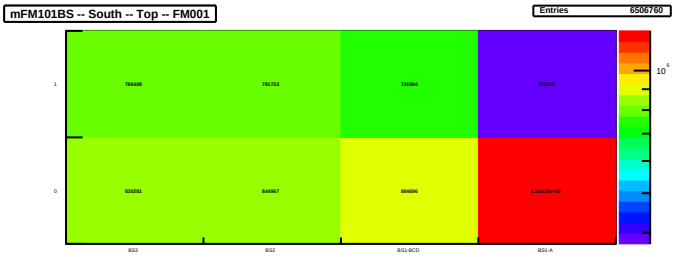

FM008
Entries 1.301352e+07
Sum
chn

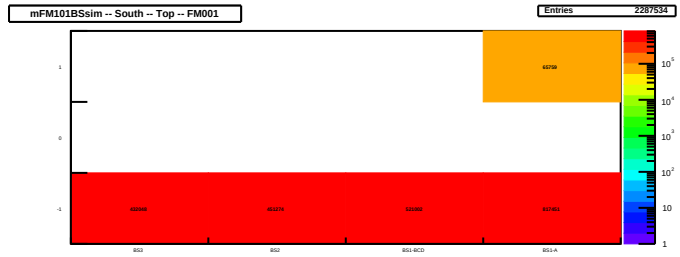

FM009
Entries 1.301352e+07
Sum
chn

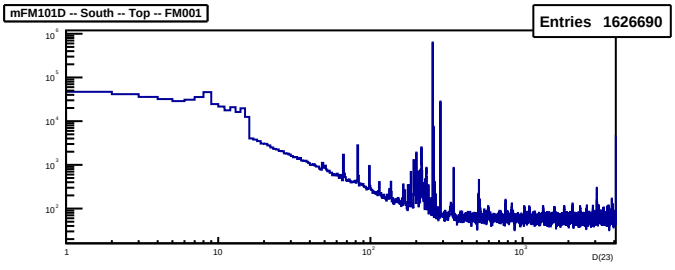

FM010
Entries 1.301352e+07
Sum
chn

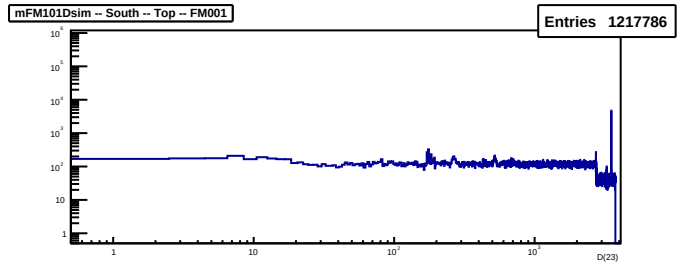

FM011
Entries 1.301352e+07
Sum
chn

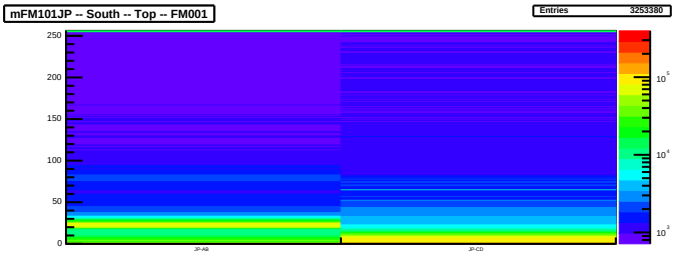

FM012
Entries 1.301352e+07
Sum
chn

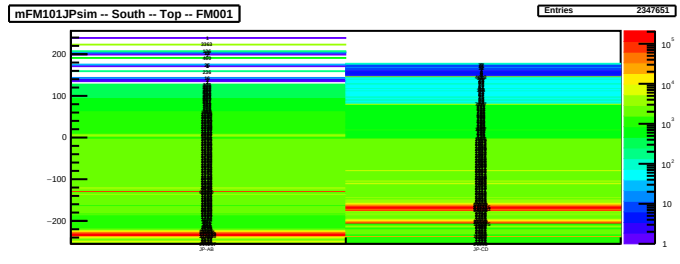

mFM101BS -- South -- Top -- FM001
Entries 6506760

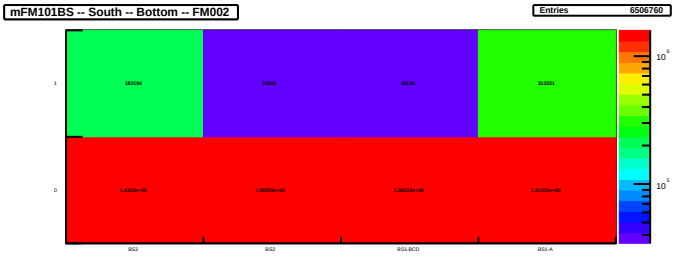

mFM101BSsim -- South -- Top -- FM001
Entries 2287534

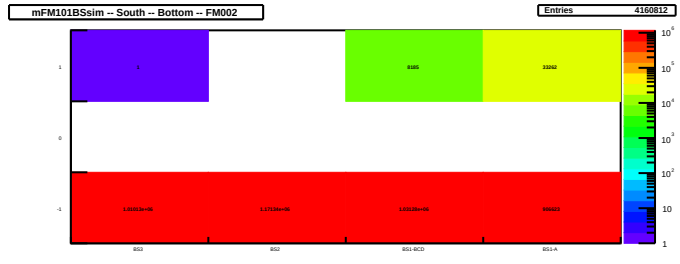

mFM101D -- South -- Top -- FM001
Entries 1626690
D(23)

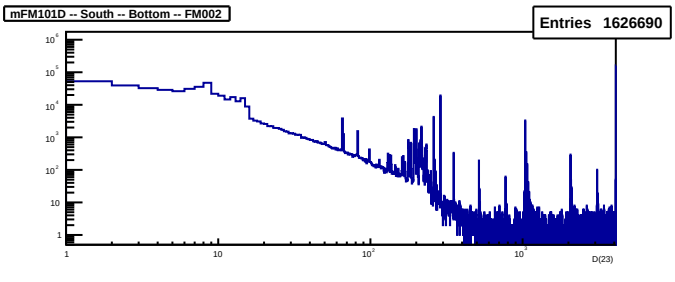

mFM101Dsim -- South -- Top -- FM001
Entries 1217786
D(23)

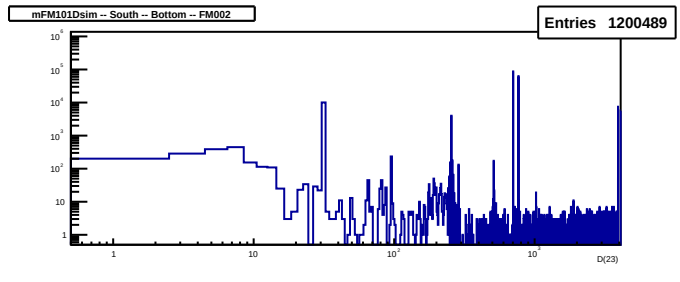

mFM101JP -- South -- Top -- FM001
Entries 3253380

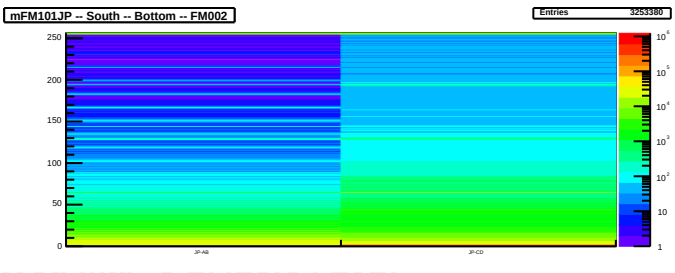

mFM101JPsim -- South -- Top -- FM001
Entries 2347651

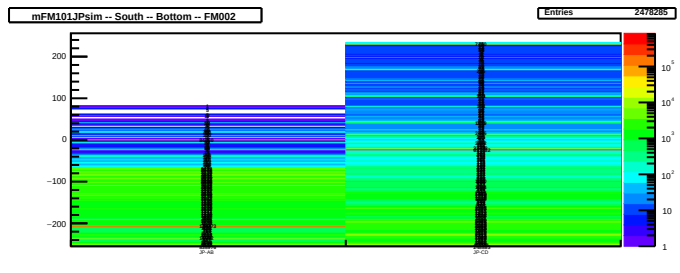

mFM101BS -- South -- Bottom -- FM002
Entries 6506760

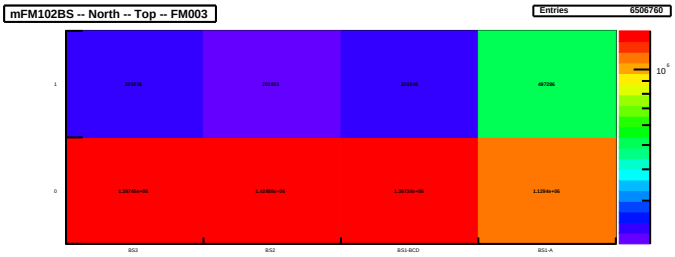

mFM101BSsim -- South -- Bottom -- FM002
Entries 4160812

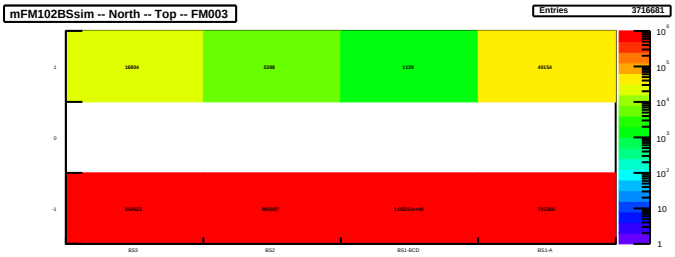

mFM101D -- South -- Bottom -- FM002
Entries 1626690
D(23)

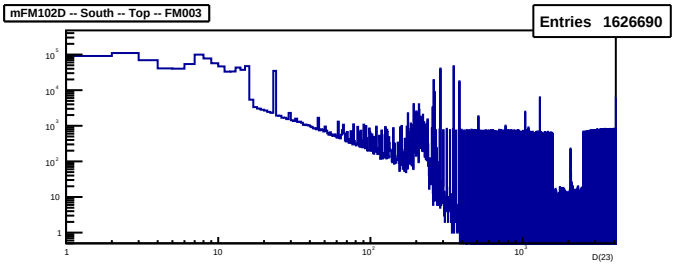

mFM101Dsim -- South -- Bottom -- FM002
Entries 1200489
D(23)

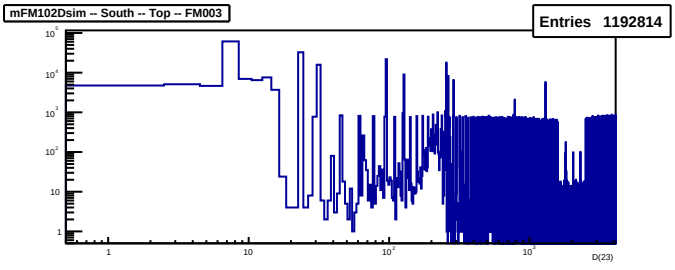

mFM101JP -- South -- Bottom -- FM002
Entries 3253380

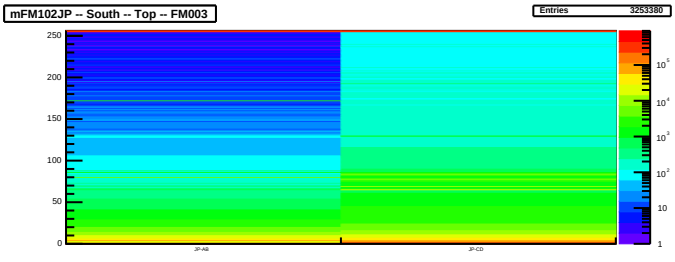

mFM101JPsim -- South -- Bottom -- FM002
Entries 2478285

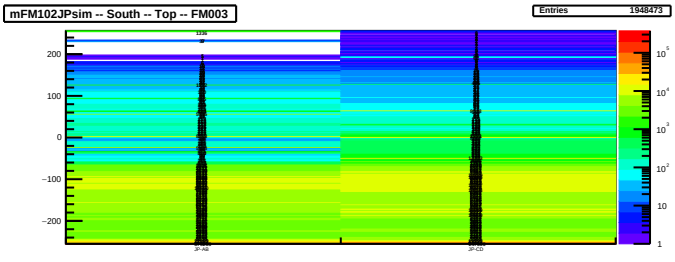

mFM102BS -- North -- Top -- FM003
Entries 6506760

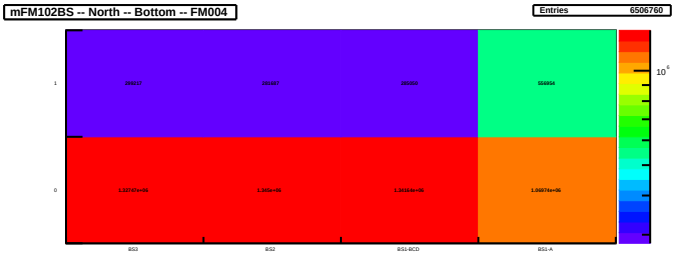

mFM102BSsim -- North -- Top -- FM003
Entries 3716681

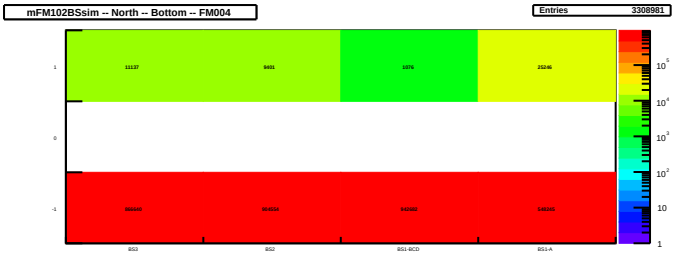

mFM102D -- South -- Top -- FM003
Entries 1626690
D(23)

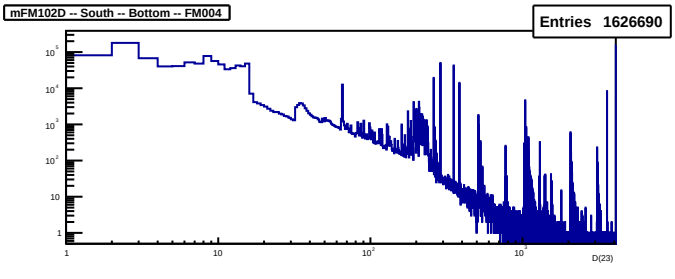

mFM102Dsim -- South -- Top -- FM003
Entries 1192814
D(23)

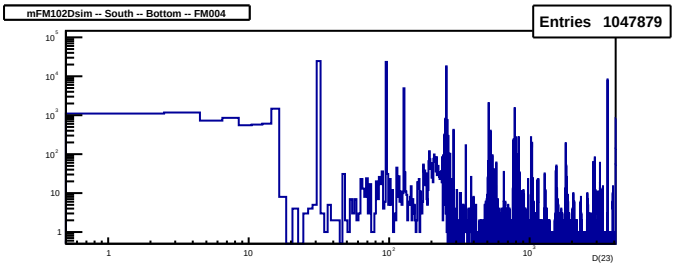

mFM102JP -- South -- Top -- FM003
Entries 3253380

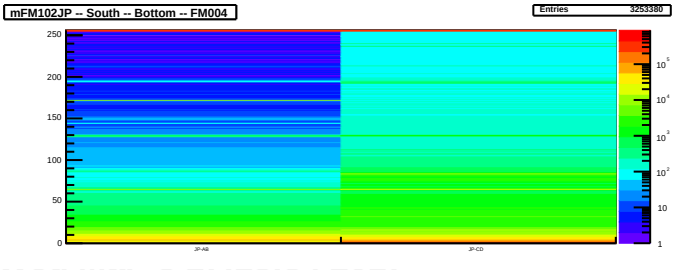

mFM102JPsim -- South -- Top -- FM003
Entries 1948473

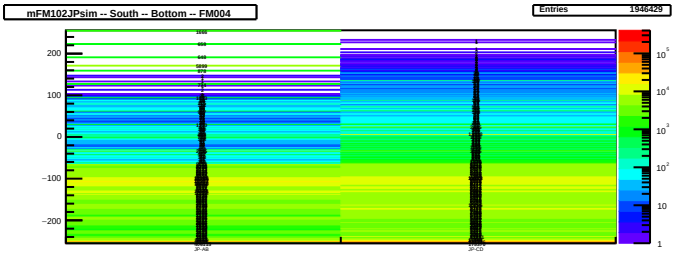

mFM102BS -- North -- Bottom -- FM004
Entries 6506760

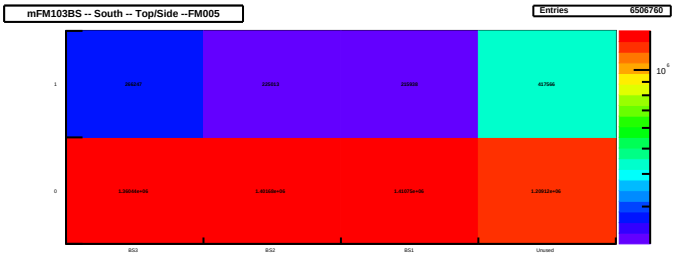

mFM102BSsim -- North -- Bottom -- FM004
Entries 3308981

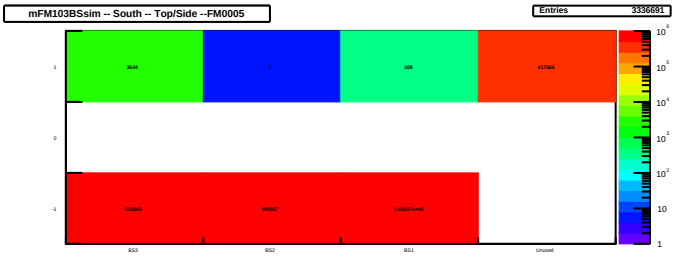

mFM102D -- South -- Bottom -- FM004
Entries 1626690
D(23)

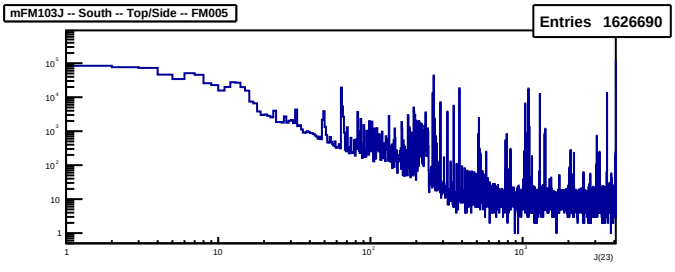

mFM102Dsim -- South -- Bottom -- FM004
Entries 1047879
D(23)

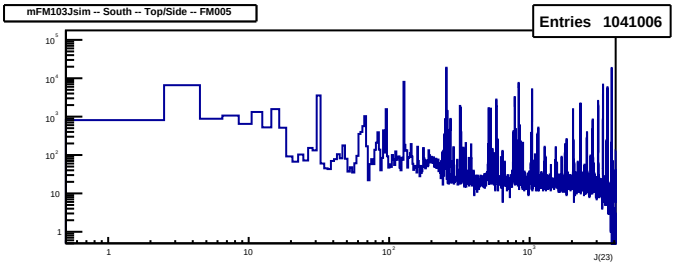

mFM102JP -- South -- Bottom -- FM004
Entries 3253380

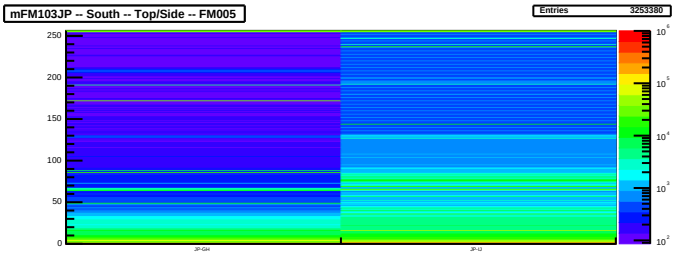

mFM102JPsim -- South -- Bottom -- FM004
Entries 1946429

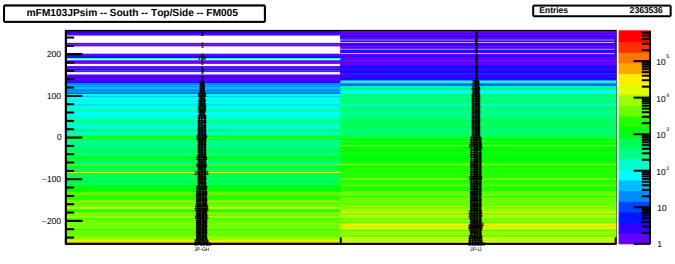

mFM103BS -- South -- Top/Side --FM005
Entries 6506760

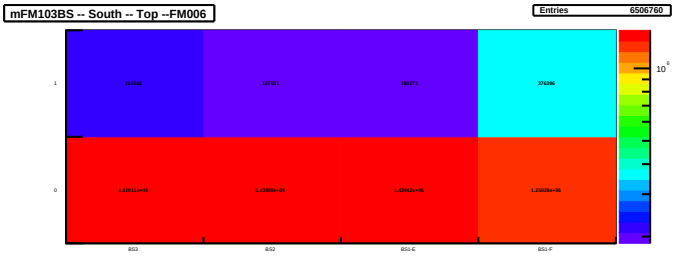

mFM103BSsim -- South -- Top/Side --FM0005
Entries 3336691

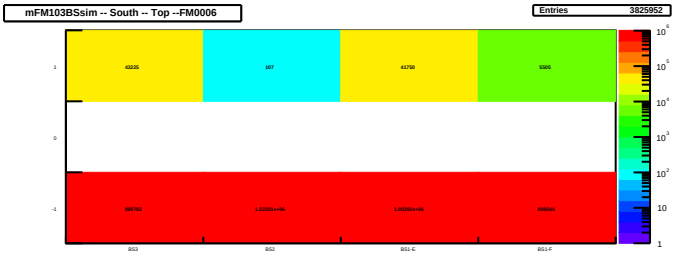

mFM103J -- South -- Top/Side -- FM005
Entries 1626690
J(23)

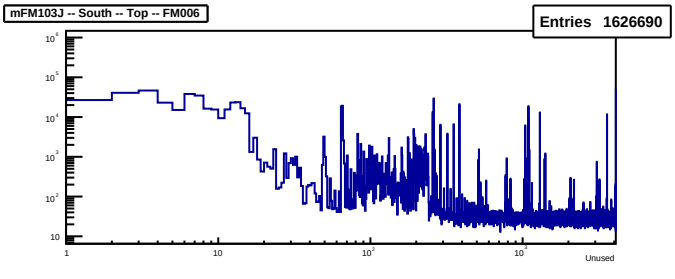

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1041006
J(23)

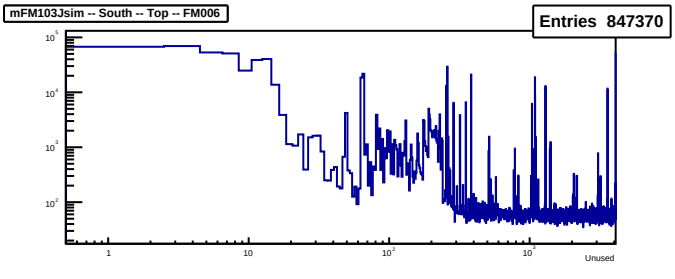

mFM103JP -- South -- Top/Side -- FM005
Entries 3253380

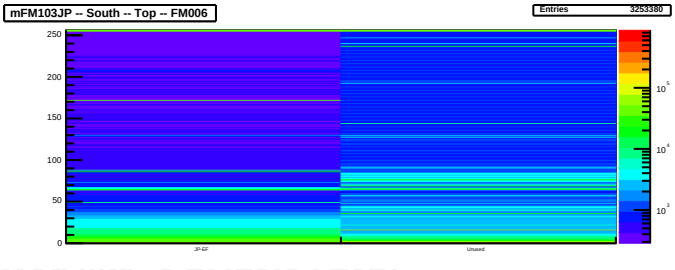

mFM103JPsim -- South -- Top/Side -- FM005
Entries 2363536

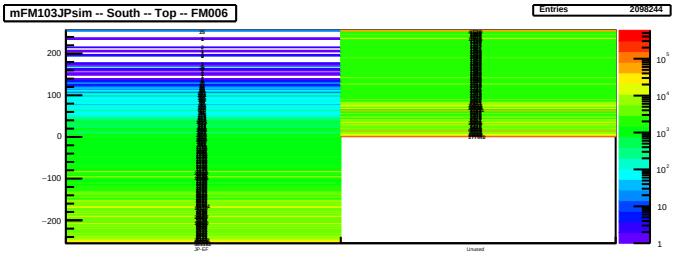

mFM103BS -- South -- Top --FM006
Entries 6506760

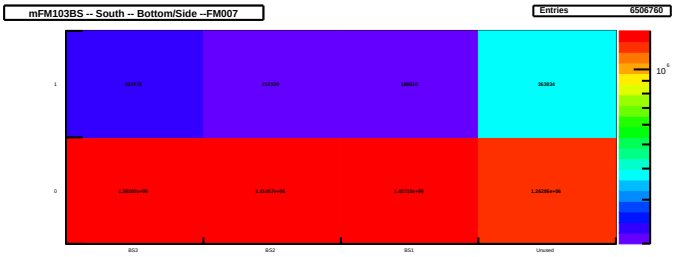

mFM103BSsim -- South -- Top --FM0006
Entries 3825952

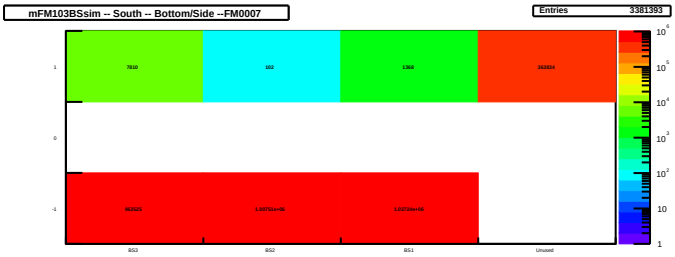

mFM103J -- South -- Top -- FM006
Entries 1626690
Unused

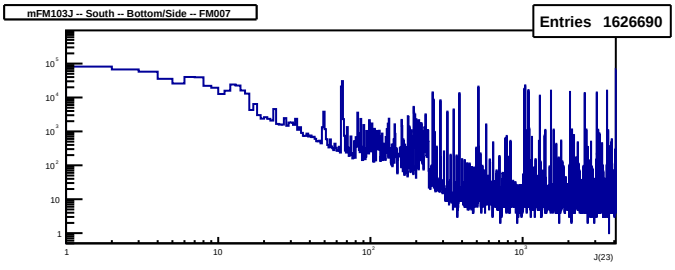

mFM103Jsim -- South -- Top -- FM006
Entries 847370
Unused

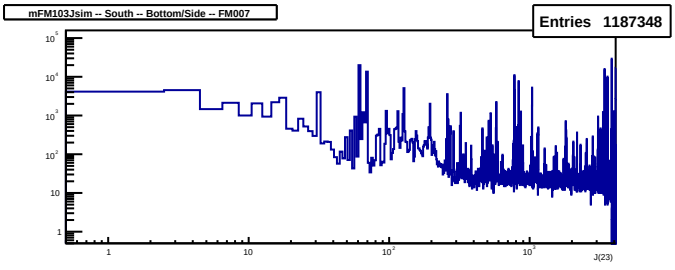

mFM103JP -- South -- Top -- FM006
Entries 3253380

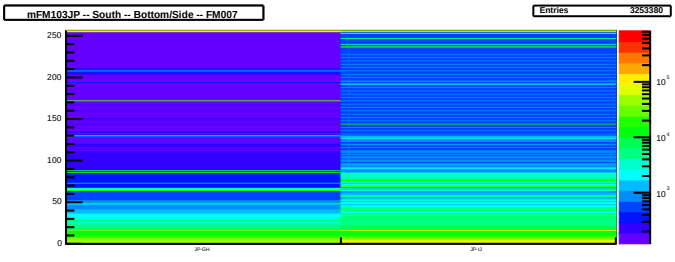

mFM103JPsim -- South -- Top -- FM006
Entries 2098244

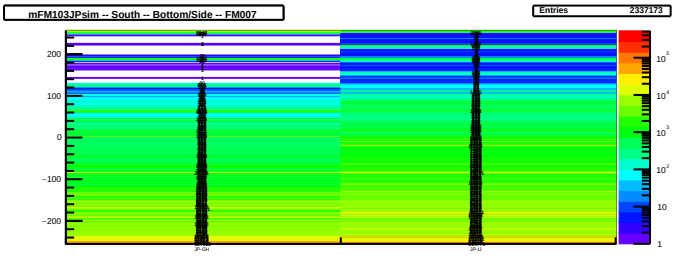

mFM103BS -- South -- Bottom/Side --FM007
Entries 6506760

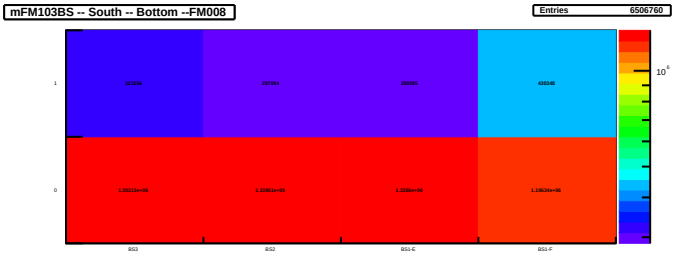

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 3381393

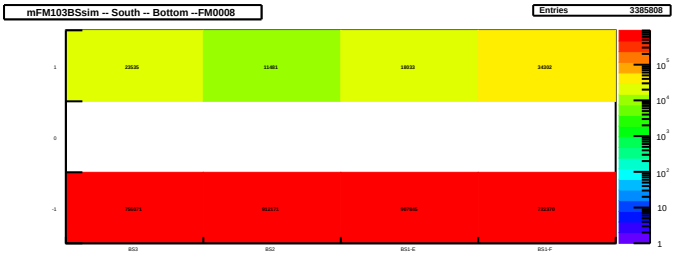

mFM103J -- South -- Bottom/Side -- FM007
Entries 1626690
J(23)

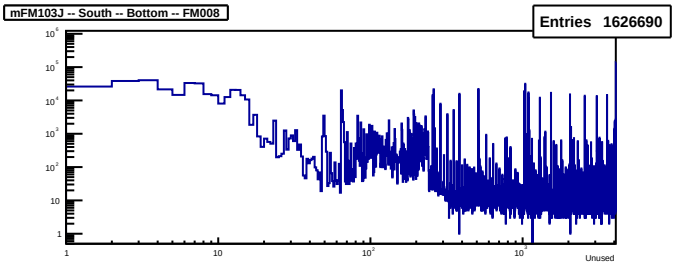

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 1187348
J(23)

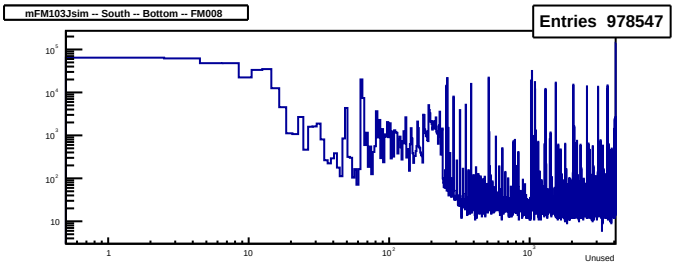

mFM103JP -- South -- Bottom/Side -- FM007
Entries 3253380

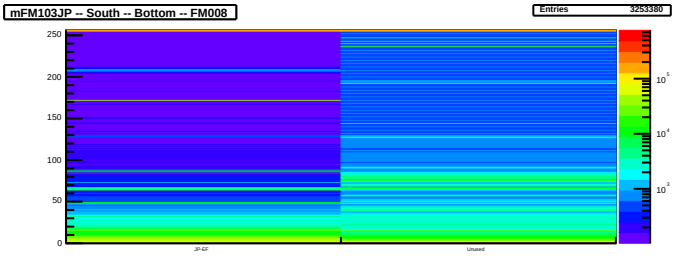

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 2337173

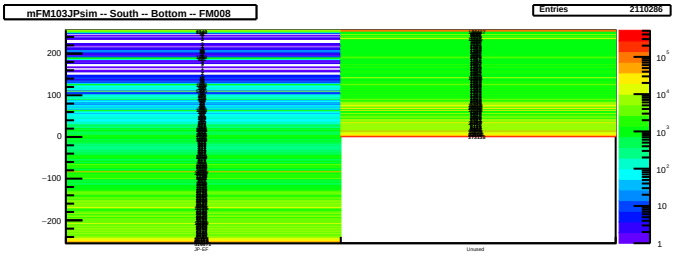

mFM103BS -- South -- Bottom --FM008
Entries 6506760

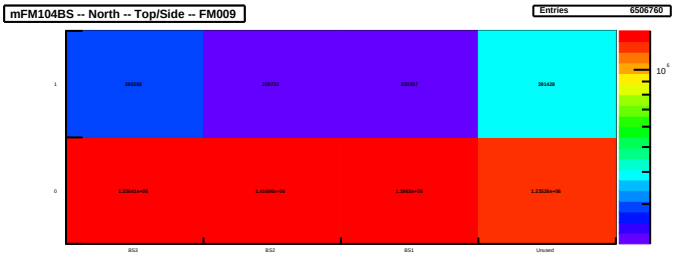

mFM103BSsim -- South -- Bottom --FM0008
Entries 3385808

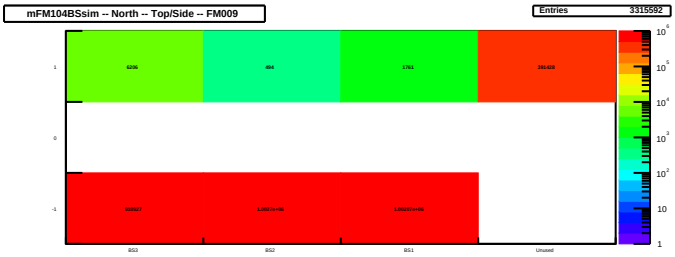

mFM103J -- South -- Bottom -- FM008
Entries 1626690
Unused

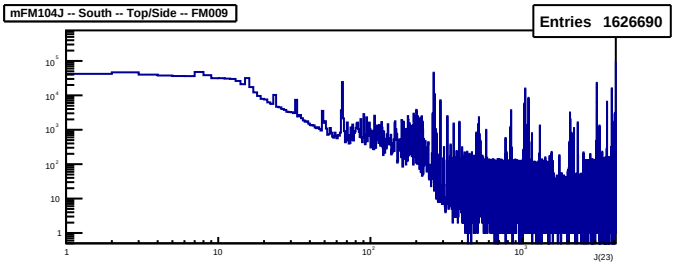

mFM103Jsim -- South -- Bottom -- FM008
Entries 978547
Unused

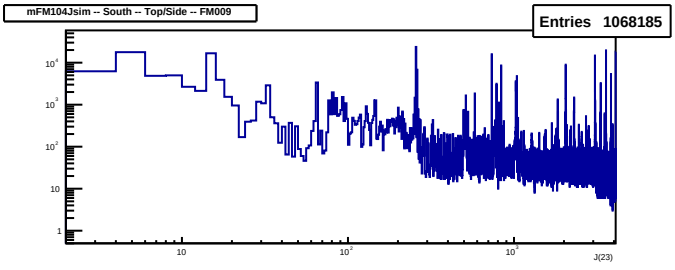

mFM103JP -- South -- Bottom -- FM008
Entries 3253380

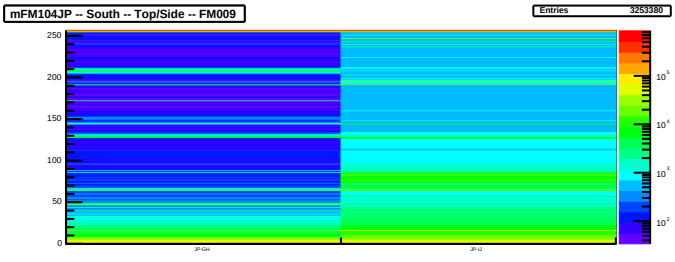

mFM103JPsim -- South -- Bottom -- FM008
Entries 2110286

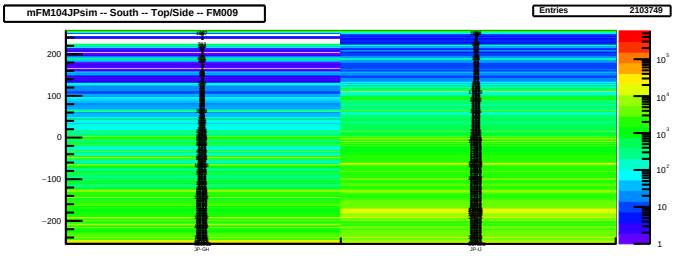

mFM104BS -- North -- Top/Side -- FM009
Entries 6506760

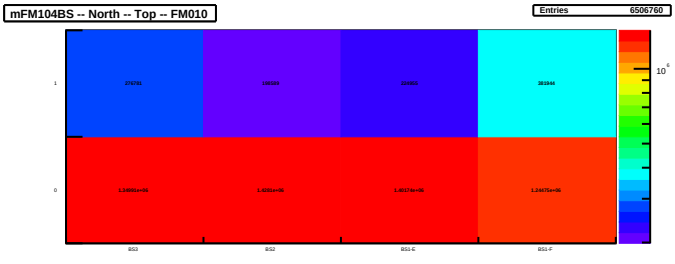

mFM104BSsim -- North -- Top/Side -- FM009
Entries 3315592

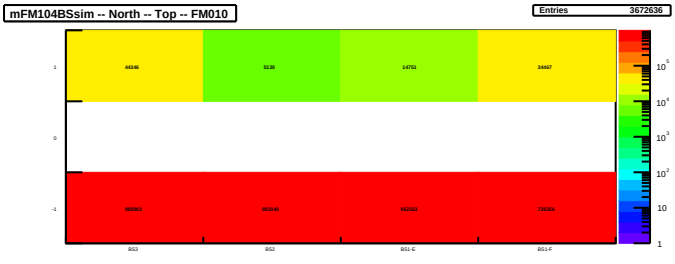

mFM104J -- South -- Top/Side -- FM009
Entries 1626690
J(23)

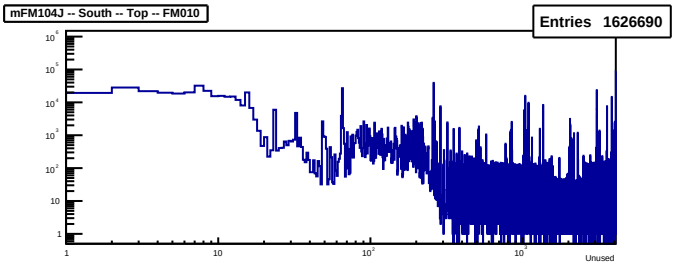

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1068185
J(23)

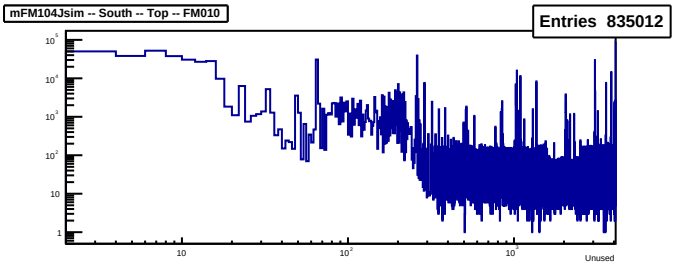

mFM104JP -- South -- Top/Side -- FM009
Entries 3253380

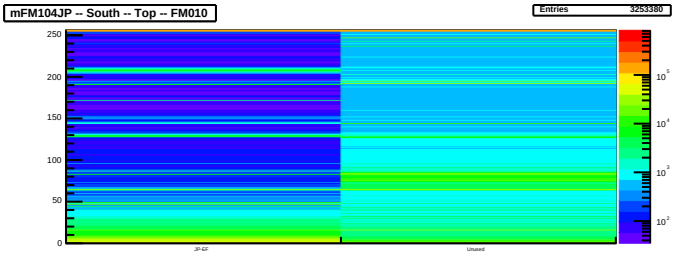

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2103749

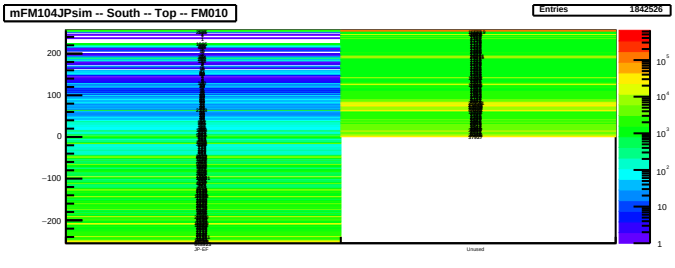

mFM104BS -- North -- Top -- FM010
Entries 6506760

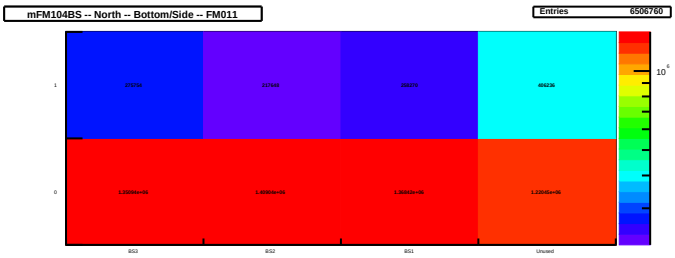

mFM104BSsim -- North -- Top -- FM010
Entries 3672636

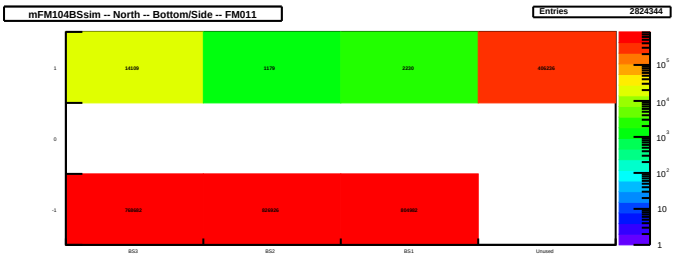

mFM104J -- South -- Top -- FM010
Entries 1626690
Unused

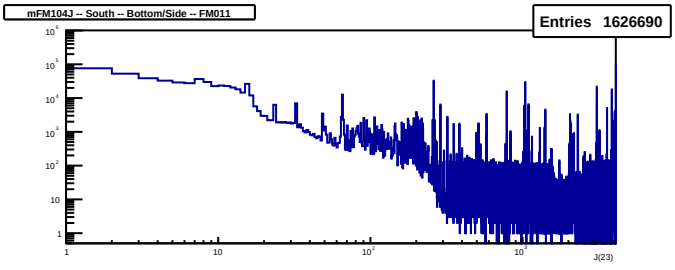

mFM104Jsim -- South -- Top -- FM010
Entries 835012
Unused

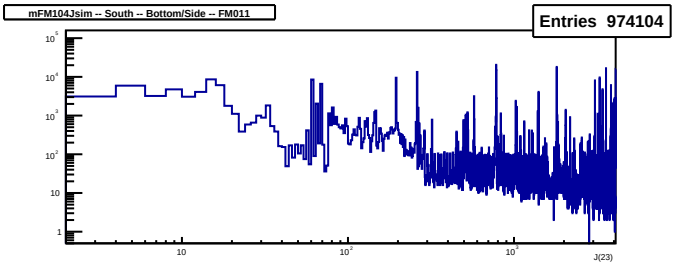

mFM104JP -- South -- Top -- FM010
Entries 3253380

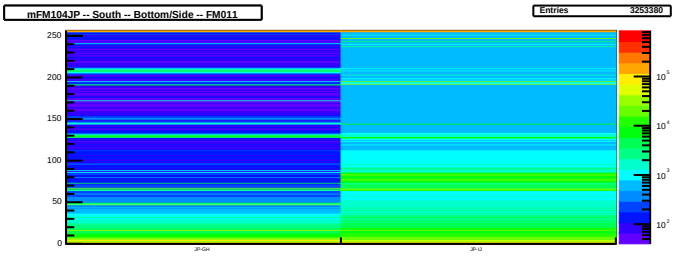

mFM104JPsim -- South -- Top -- FM010
Entries 1842526

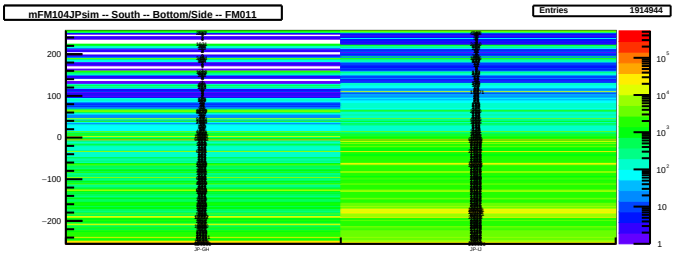

mFM104BS -- North -- Bottom/Side -- FM011
Entries 6506760

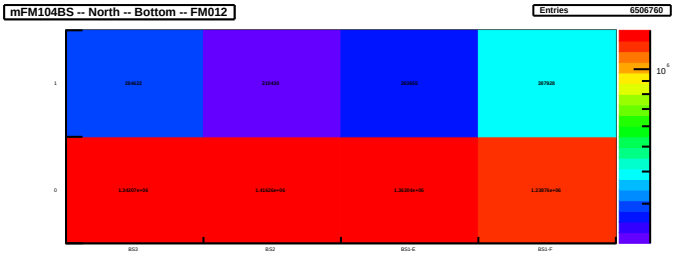

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2824344

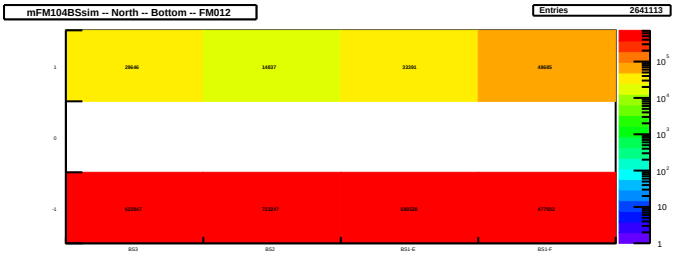

mFM104J -- South -- Bottom/Side -- FM011
Entries 1626690
J(23)

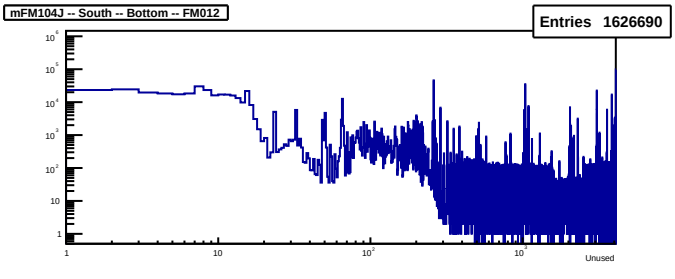

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 974104
J(23)

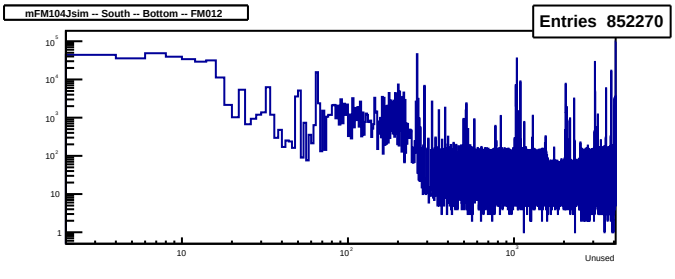

mFM104JP -- South -- Bottom/Side -- FM011
Entries 3253380

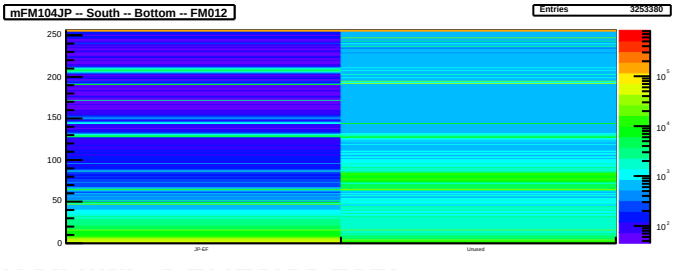

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1914944

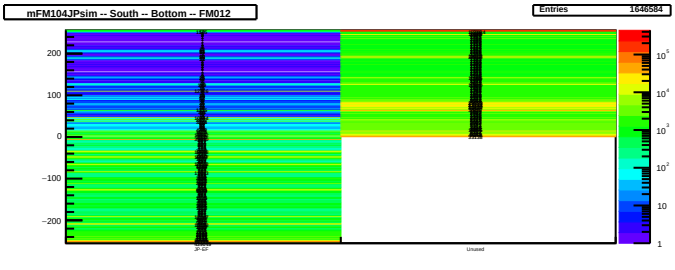

mFM104BS -- North -- Bottom -- FM012
Entries 6506760

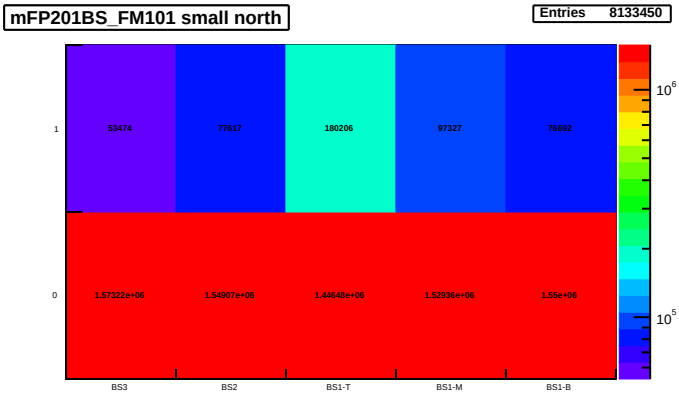

mFM104BSsim -- North -- Bottom -- FM012
Entries 2641113

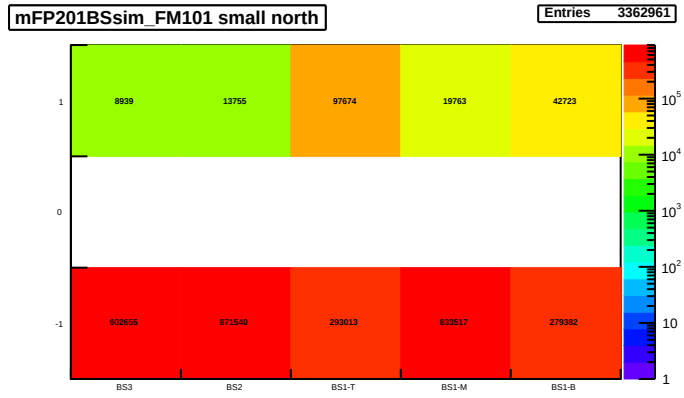

mFM104J -- South -- Bottom -- FM012
Entries 1626690
Unused

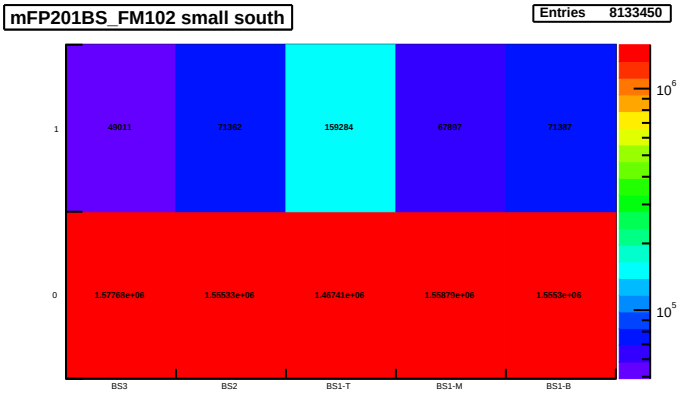

mFM104Jsim -- South -- Bottom -- FM012
Entries 852270
Unused

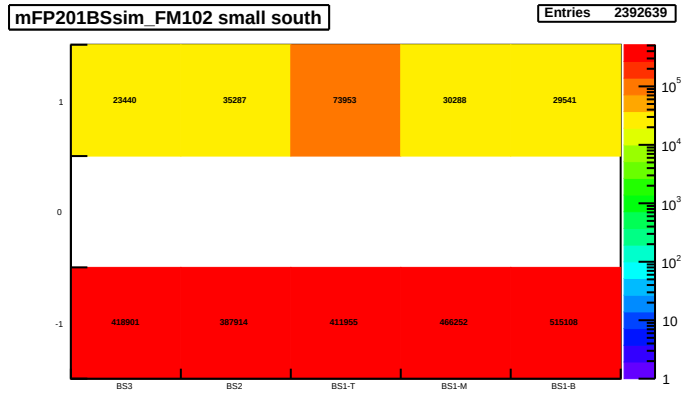

mFM104JP -- South -- Bottom -- FM012
Entries 3253380

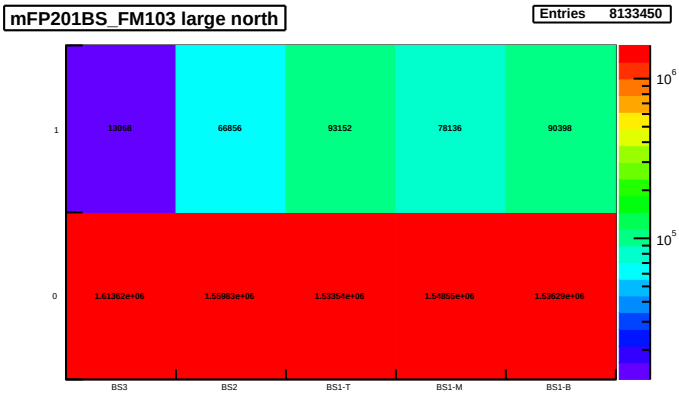

mFM104JPsim -- South -- Bottom -- FM012
Entries 1646584

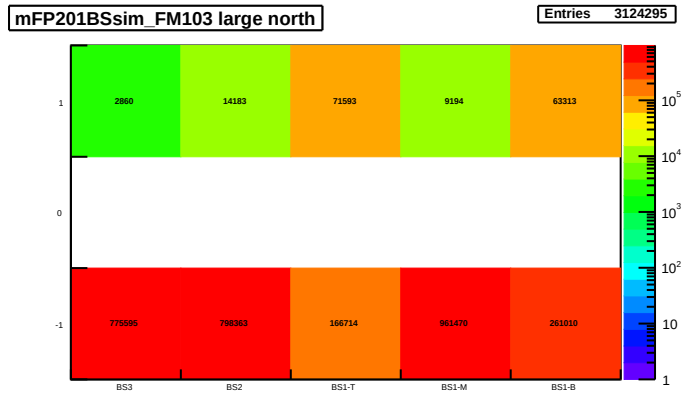

mFP201BS_FM101 small north
Entries 8133450
53474
77617
180206
97327
76692
1.57322e+06
1.54907e+06
1.44648e+06
1.52936e+06
1.55e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

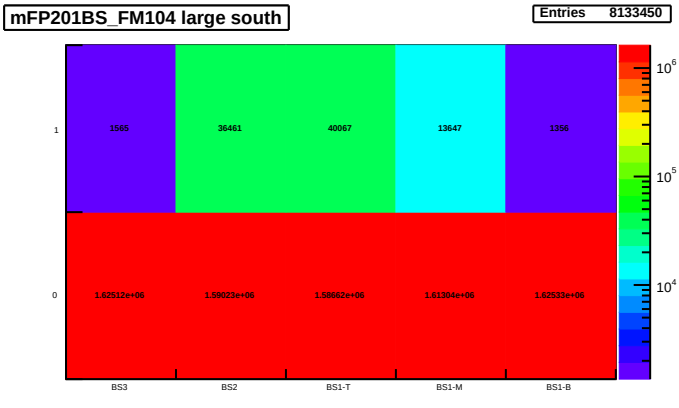

mFP201BSsim_FM101 small north
Entries 3362961
8939
13755
97674
19763
42723
902655
871540
293013
833517
279382
BS3
BS2
BS1-T
BS1-M
BS1-B

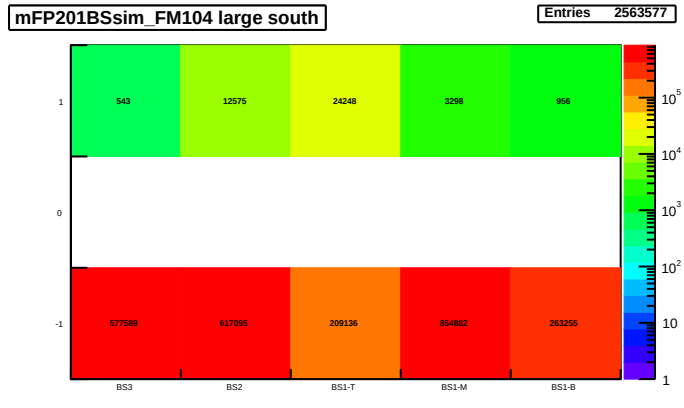

mFP201BS_FM102 small south
Entries 8133450
49011
71362
159284
67897
71387
1.57768e+06
1.55533e+06
1.46741e+06
1.55879e+06
1.5553e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

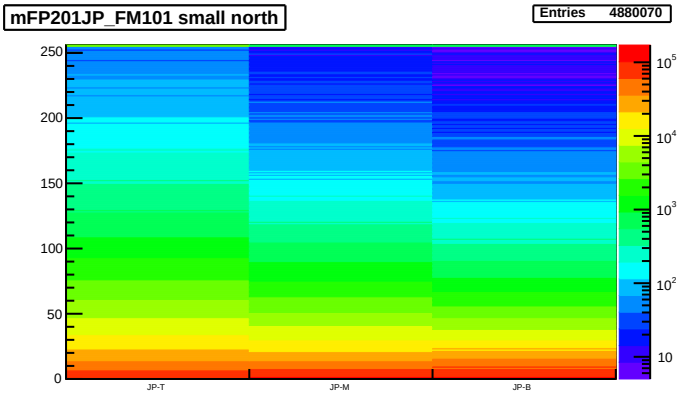

mFP201BSsim_FM102 small south
Entries 2392639
23440
35287
73953
30288
29541
418901
387914
411955
466252
515108
BS3
BS2
BS1-T
BS1-M
BS1-B

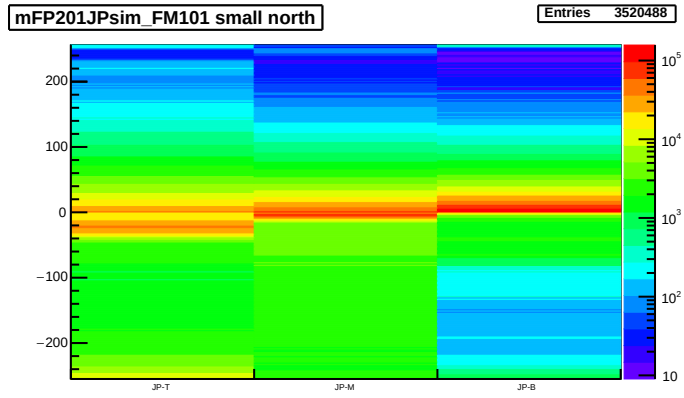

mFP201BS_FM103 large north
Entries 8133450
13068
66856
93152
78136
90398
1.61362e+06
1.55983e+06
1.53354e+06
1.54855e+06
1.53629e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

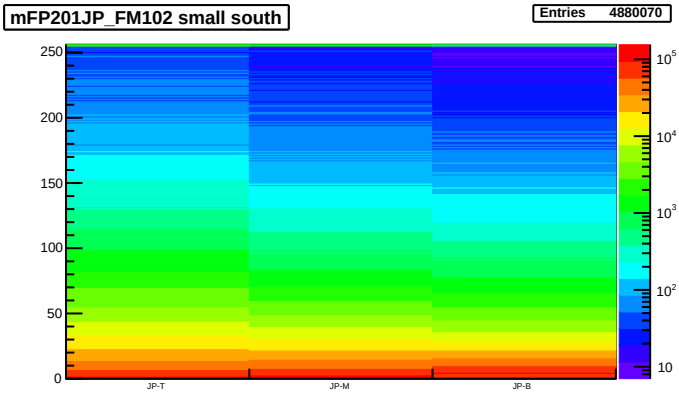

mFP201BSsim_FM103 large north
Entries 3124295
2860
14183
71593
9194
63313
775595
798363
166714
961470
261010
BS3
BS2
BS1-T
BS1-M
BS1-B

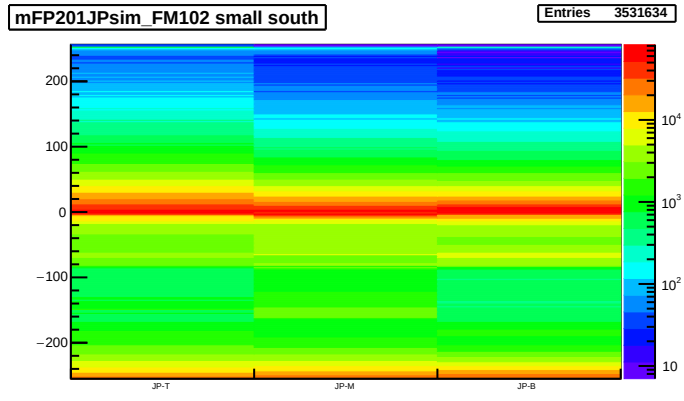

mFP201BS_FM104 large south
Entries 8133450
1565
36461
40067
13647
1356
1.62512e+06
1.59023e+06
1.58662e+06
1.61304e+06
1.62533e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

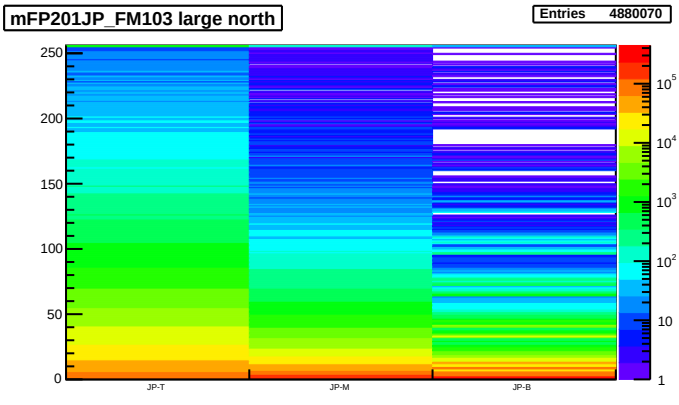

mFP201BSsim_FM104 large south
Entries 2563577
543
12575
24248
3298
956
577589
617095
209136
854882
263255
BS3
BS2
BS1-T
BS1-M
BS1-B

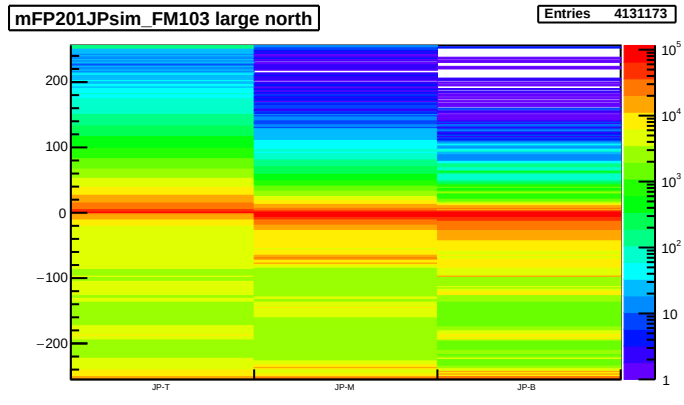

mFP201JP_FM101 small north
Entries 4880070
JP-T
JP-M
JP-B

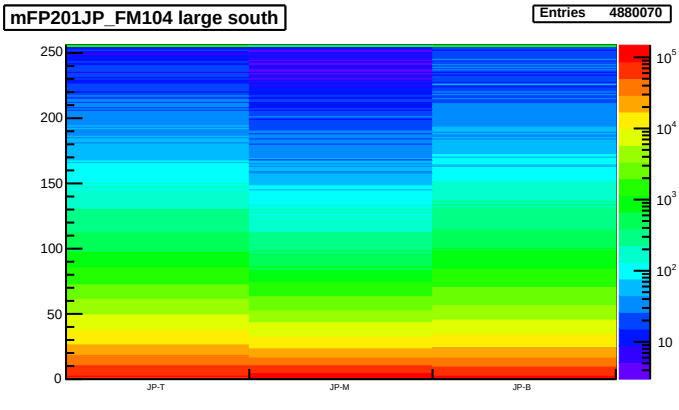

mFP201JPsim_FM101 small north
Entries 3520488
JP-T
JP-M
JP-B

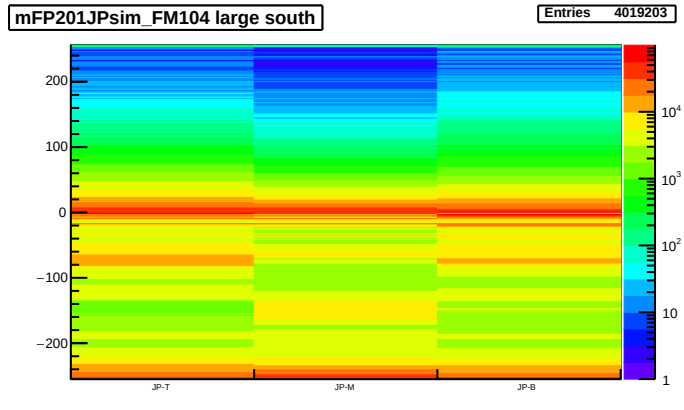

mFP201JP_FM102 small south
Entries 4880070
JP-T
JP-M
JP-B

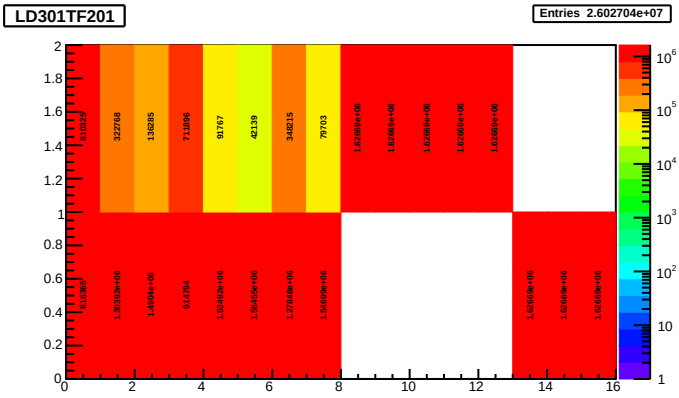

mFP201JPsim_FM102 small south
Entries 3531634
JP-T
JP-M
JP-B

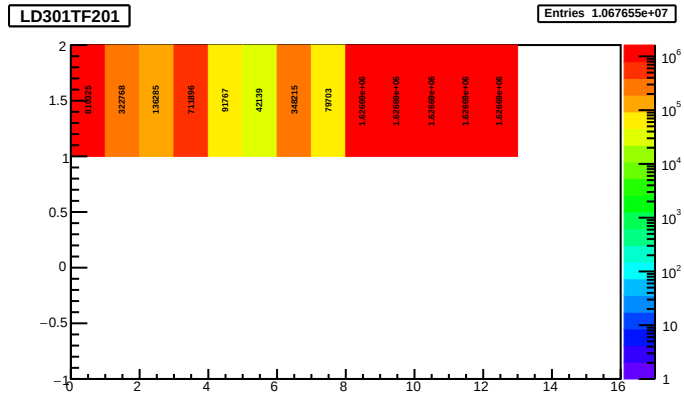

mFP201JP_FM103 large north
Entries 4880070
JP-T
JP-M
JP-B

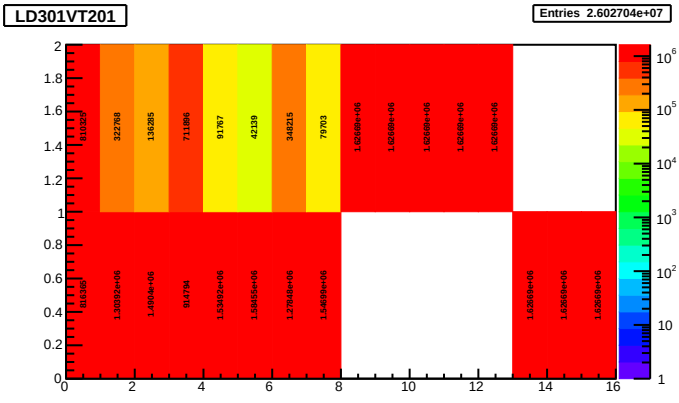

mFP201JPsim_FM103 large north
Entries 4131173
JP-T
JP-M
JP-B

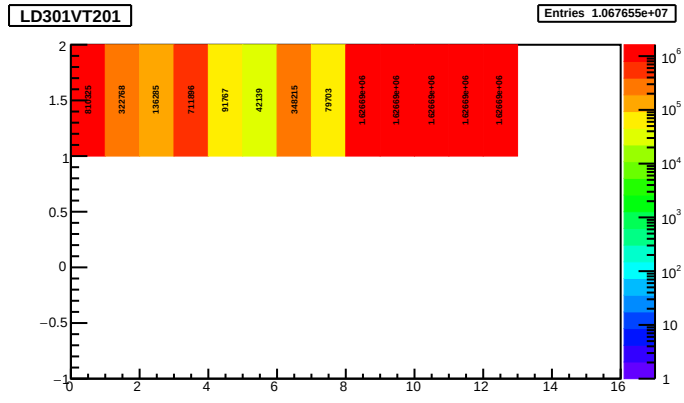

mFP201JP_FM104 large south
Entries 4880070
JP-T
JP-M
JP-B

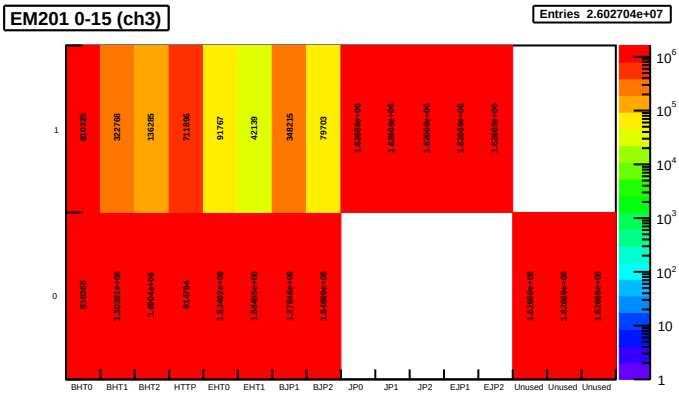

mFP201JPsim_FM104 large south
Entries 4019203
JP-T
JP-M
JP-B

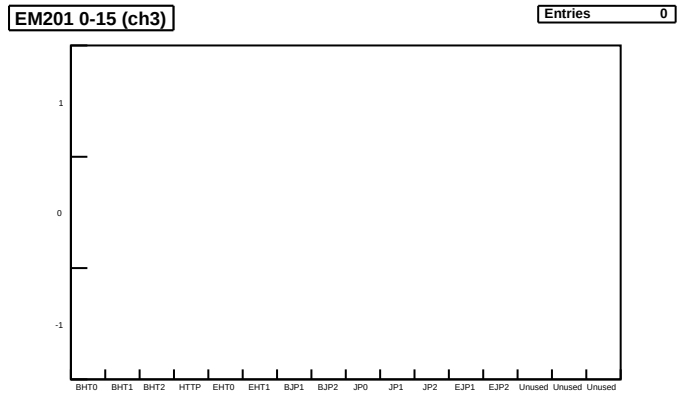

LD301TF201
Entries 2.602704e+07

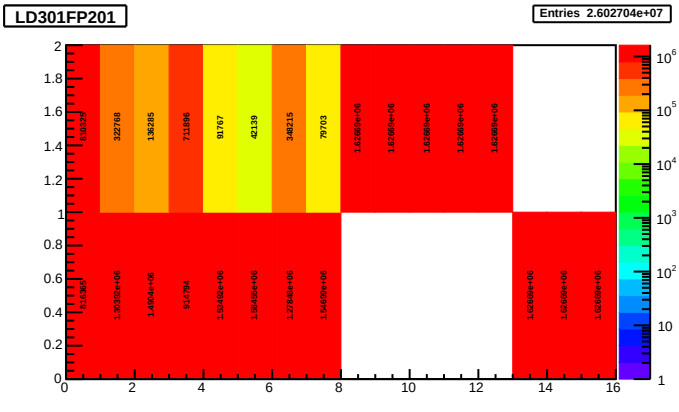

LD301TF201
Entries 1.067655e+07

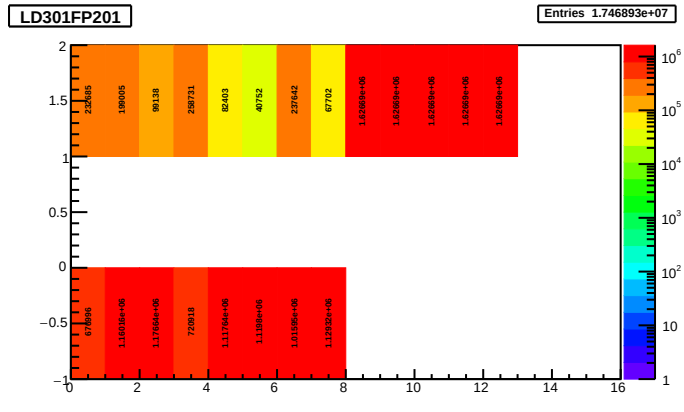

LD301VT201
Entries 2.602704e+07


LD301VT201
Entries 1.067655e+07


EM201 0-15 (ch3)
Entries 2.602704e+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 2.602704e+07


LD301FP201
Entries 1.746893e+07