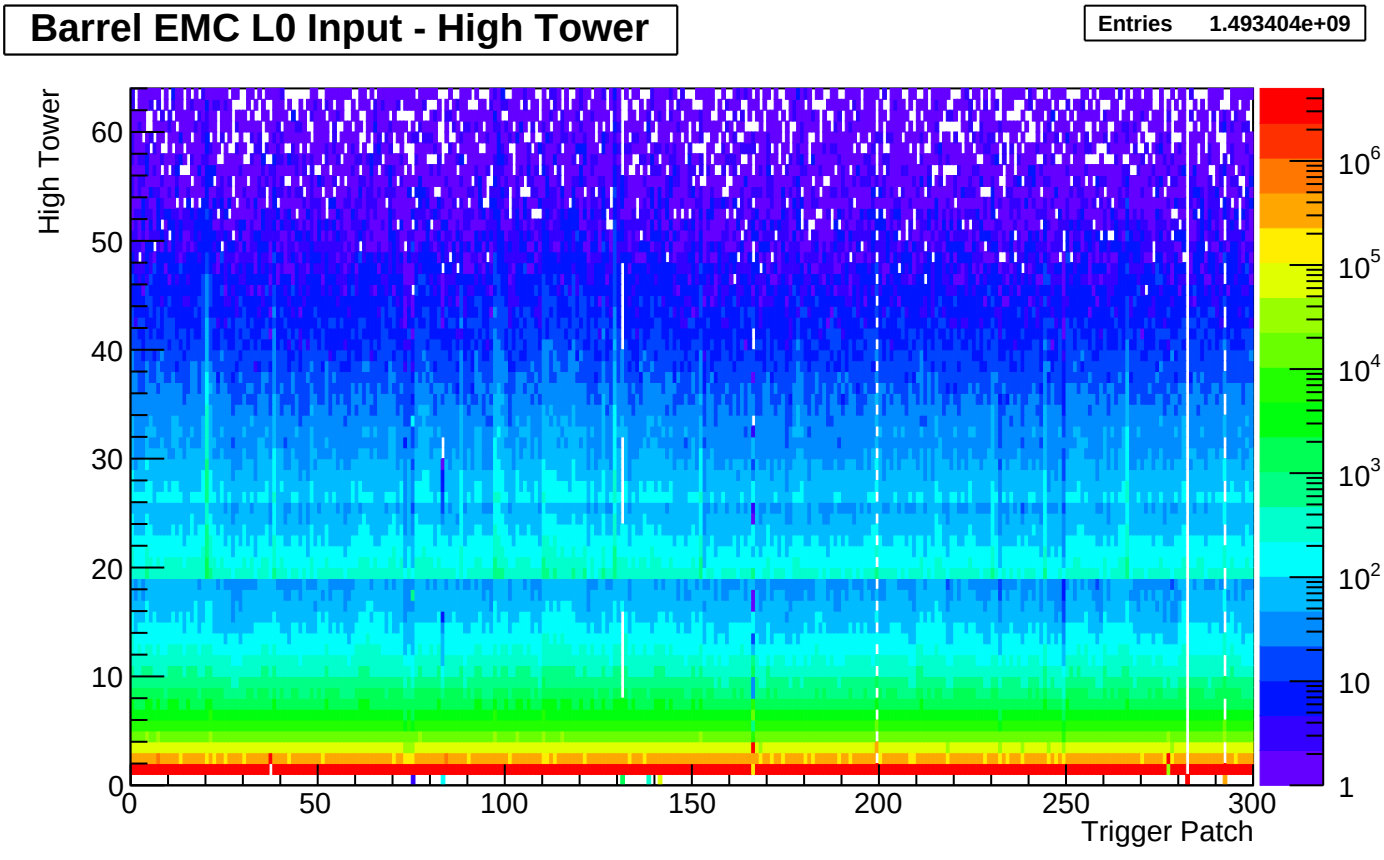
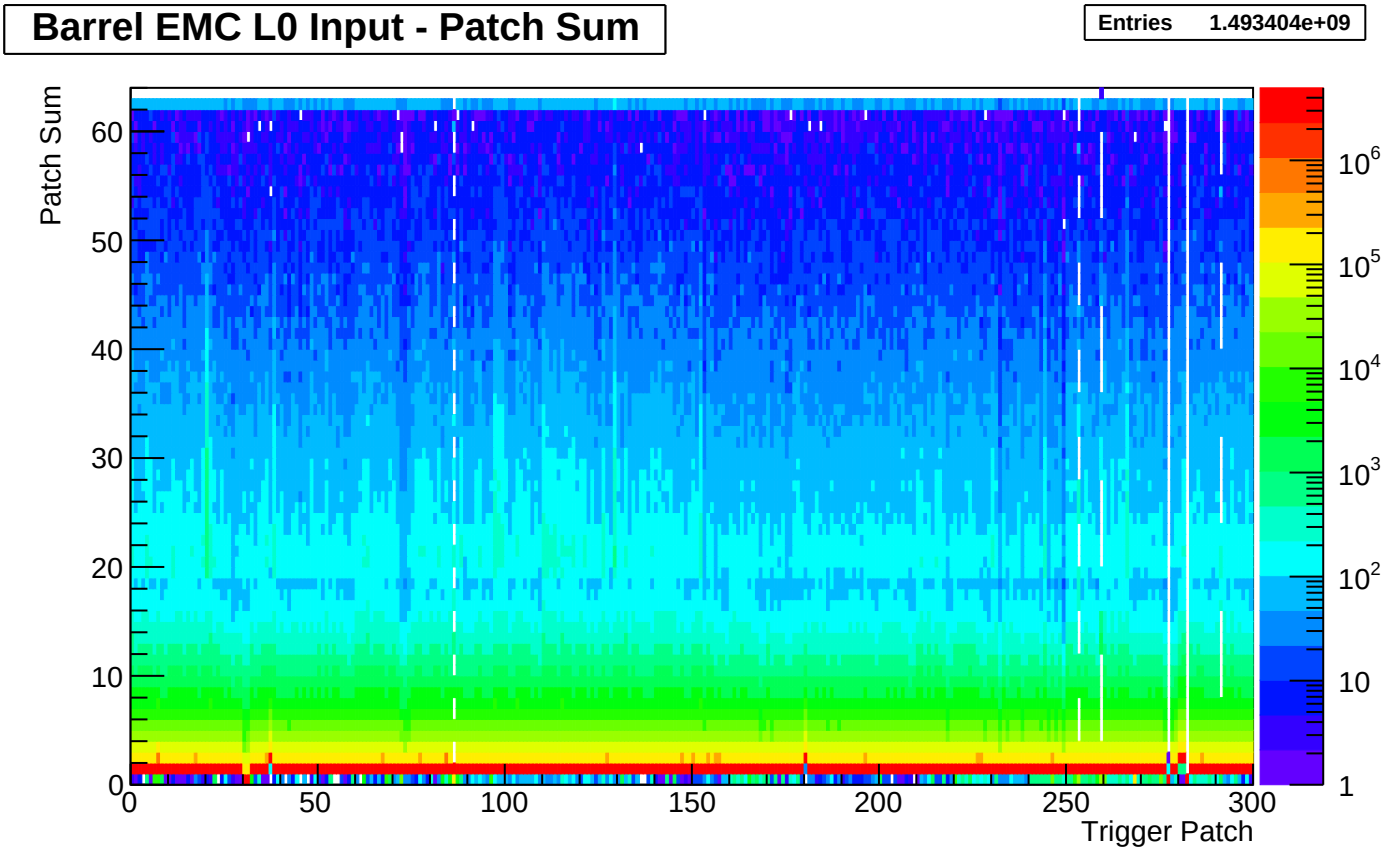
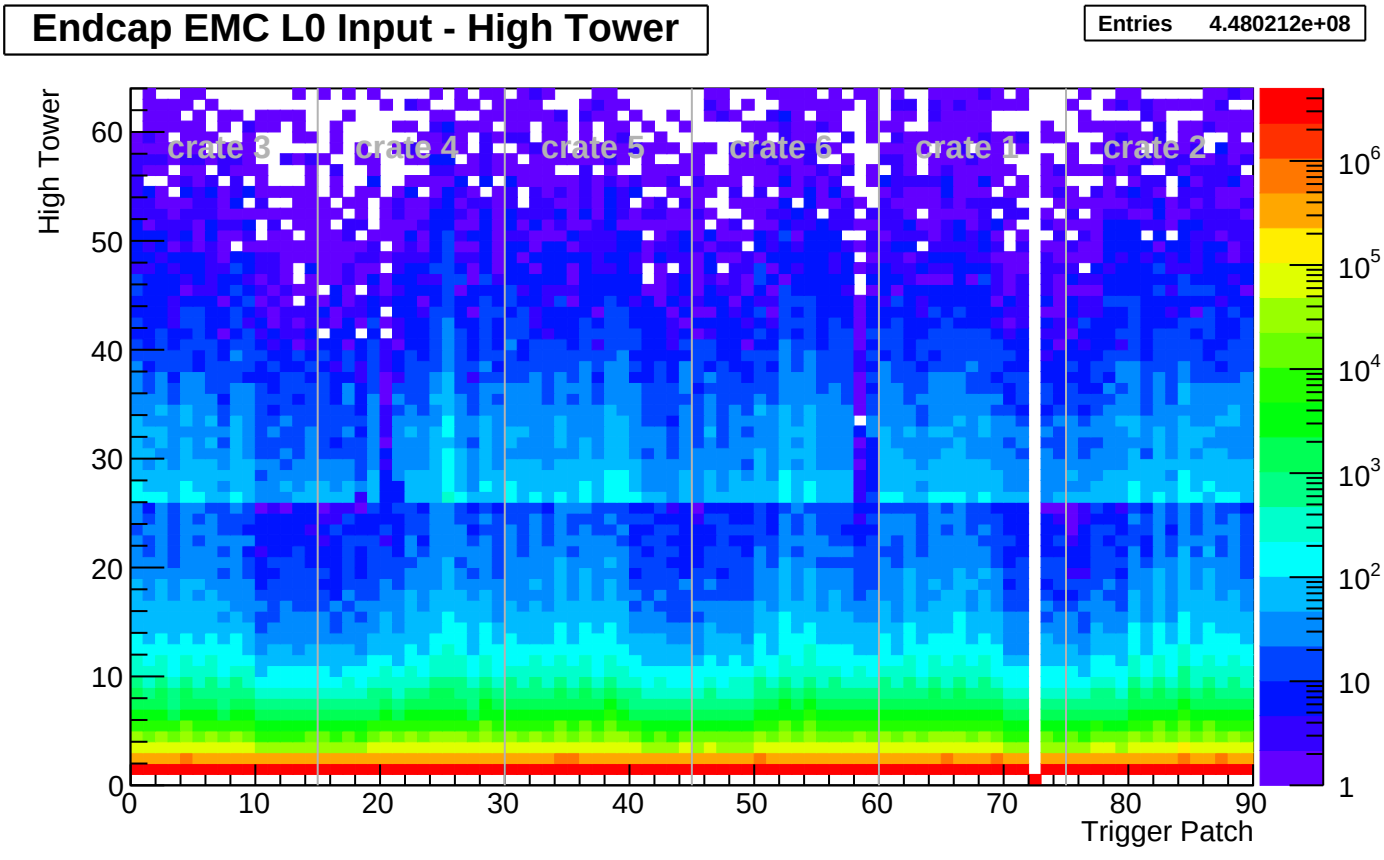
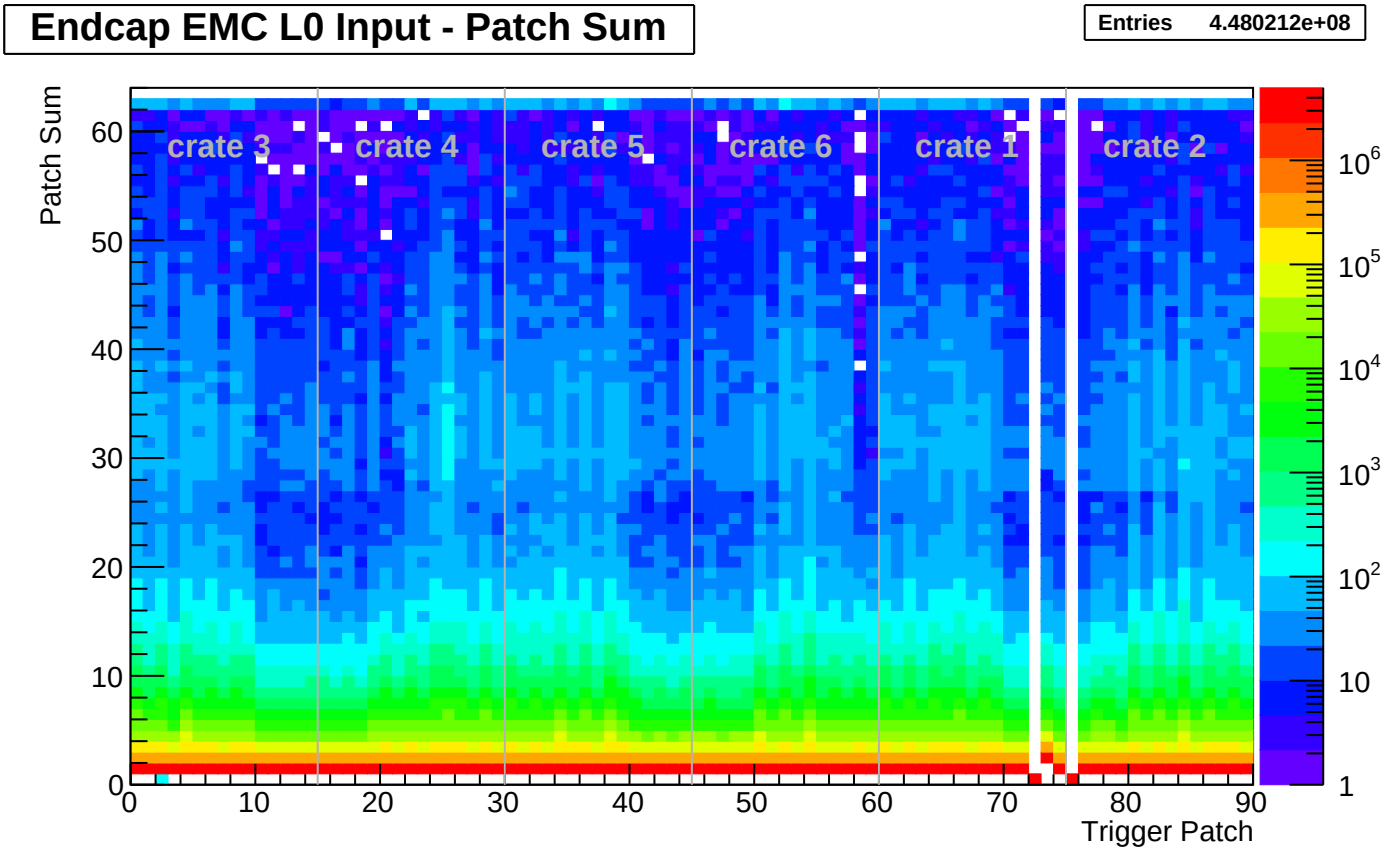
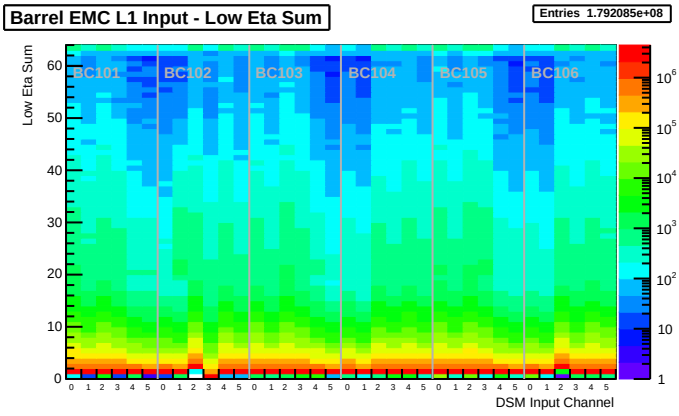
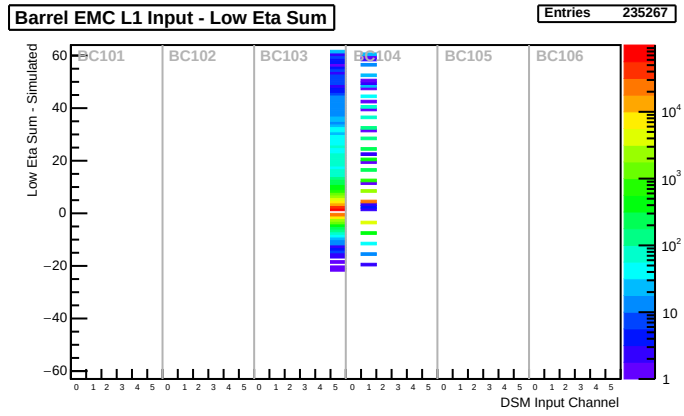

Barrel EMC L0 Input - High Tower
Entries 1.493404e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

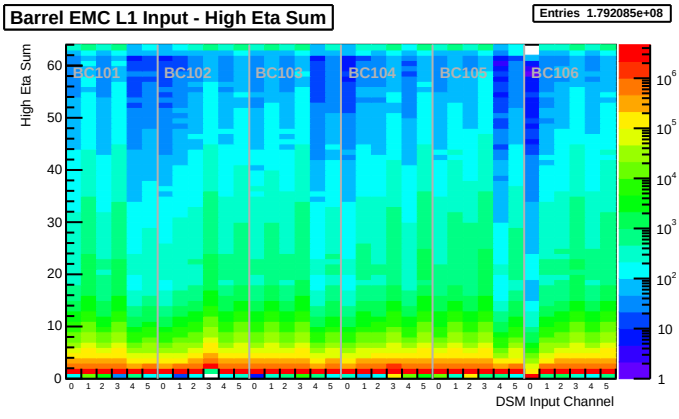

Barrel EMC L0 Input - Patch Sum
Entries 1.493404e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

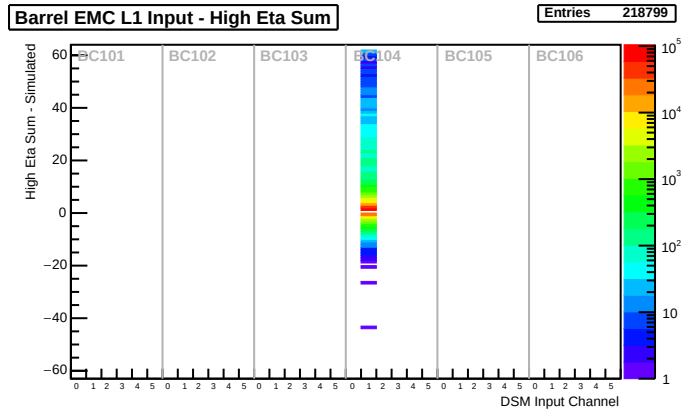

Endcap EMC L0 Input - High Tower
Entries 4.480212e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

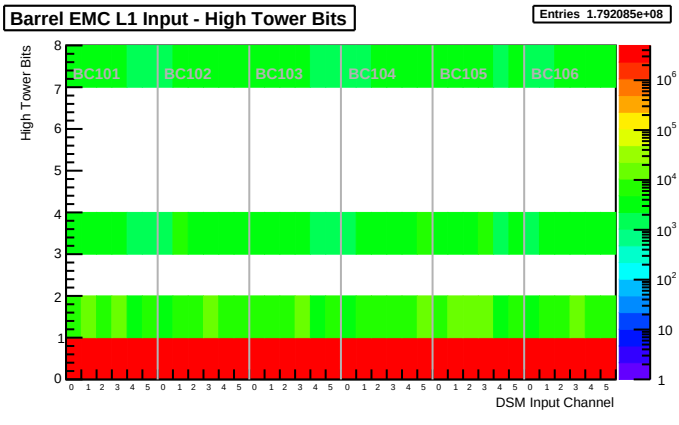

Endcap EMC L0 Input - Patch Sum
Entries 4.480212e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

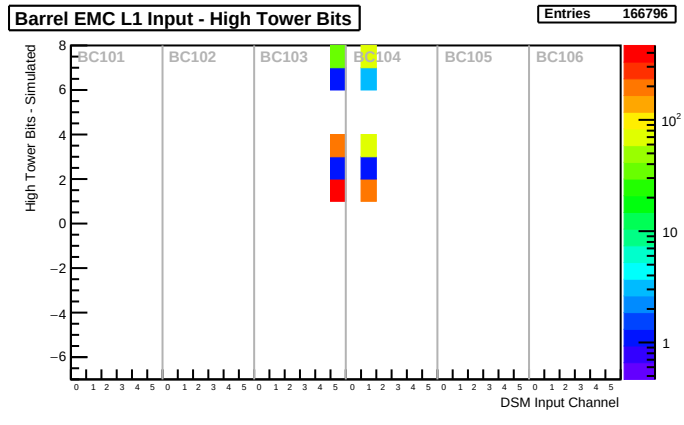

Barrel EMC L1 Input - Low Eta Sum
Entries 1.792085e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

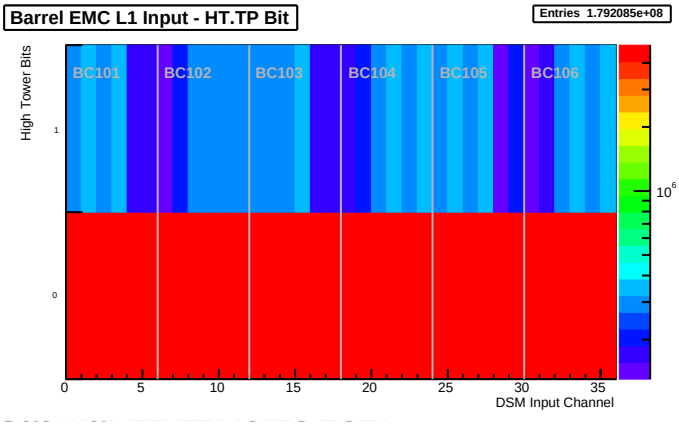

Barrel EMC L1 Input - Low Eta Sum
Entries 235267
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

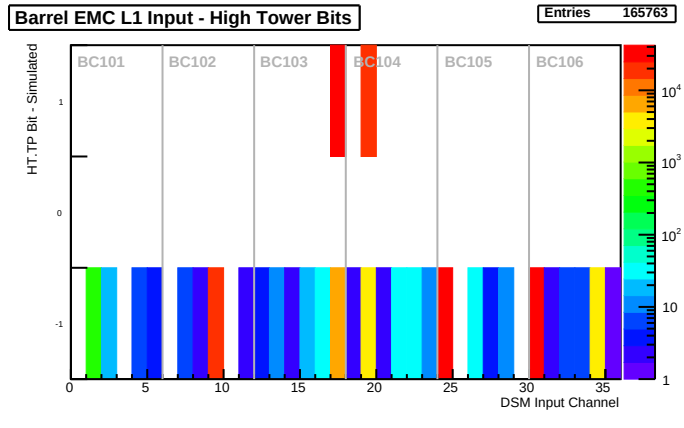

Barrel EMC L1 Input - High Eta Sum
Entries 1.792085e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

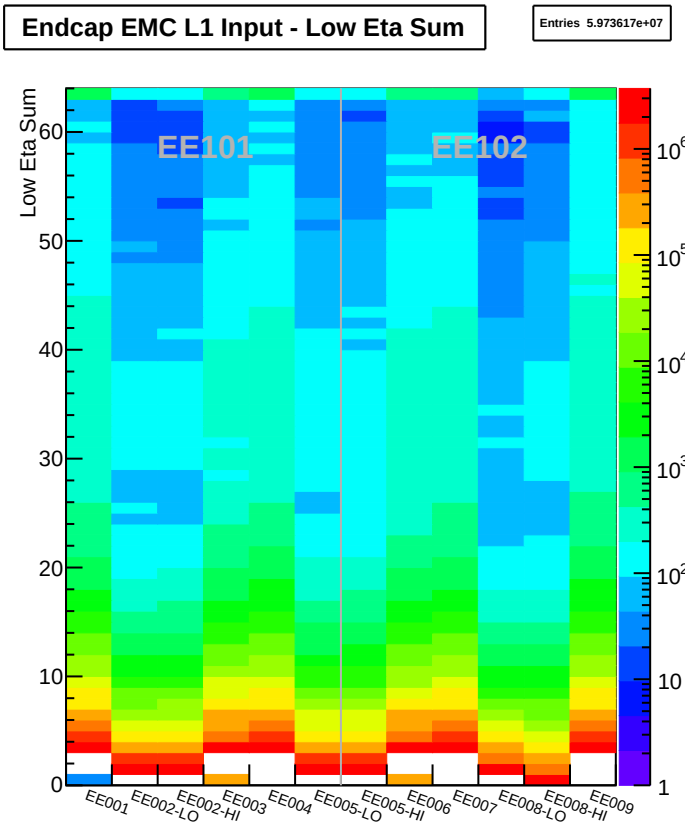

Barrel EMC L1 Input - High Eta Sum
Entries 218799
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

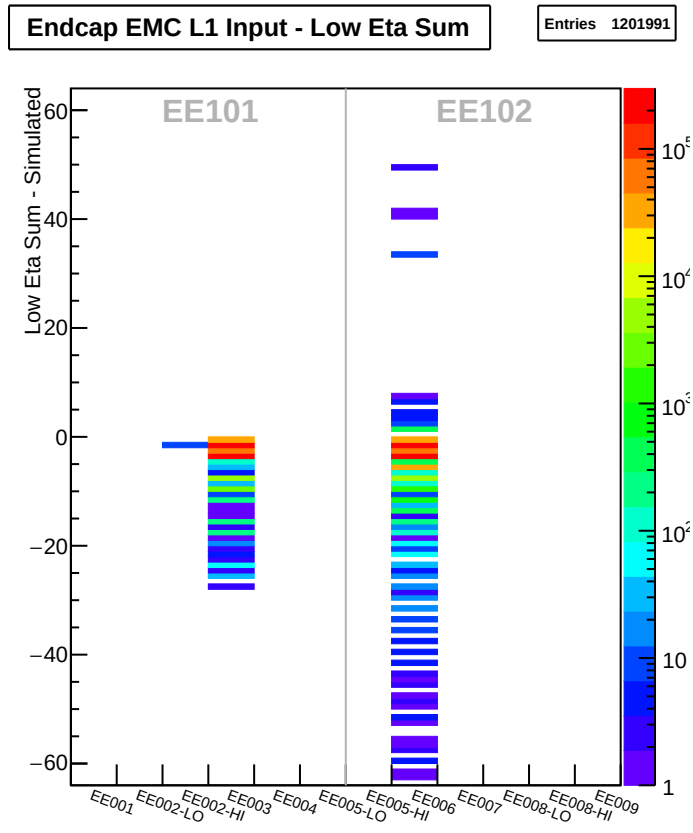

Barrel EMC L1 Input - High Tower Bits
Entries 1.792085e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

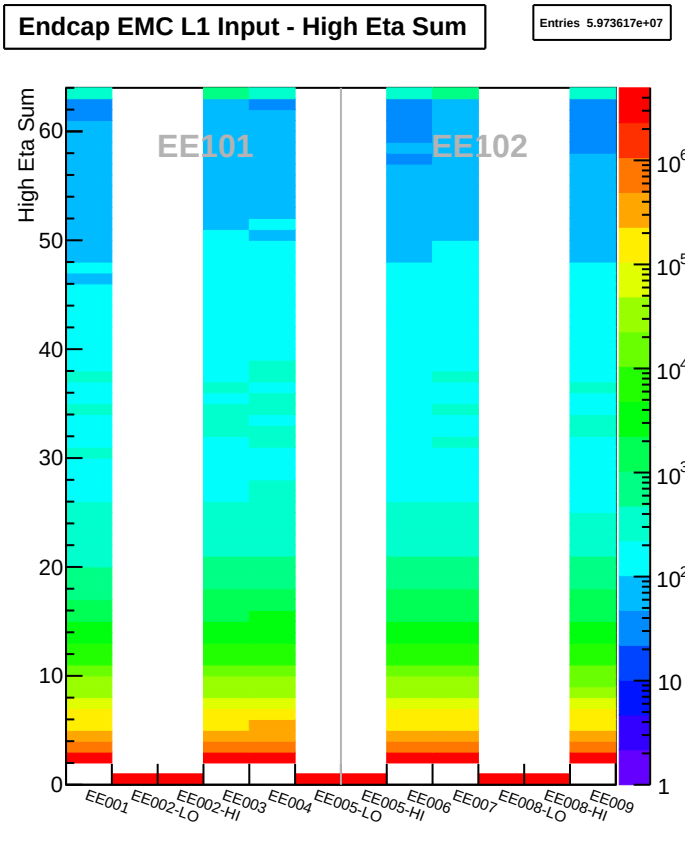

Barrel EMC L1 Input - High Tower Bits
Entries 166796
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

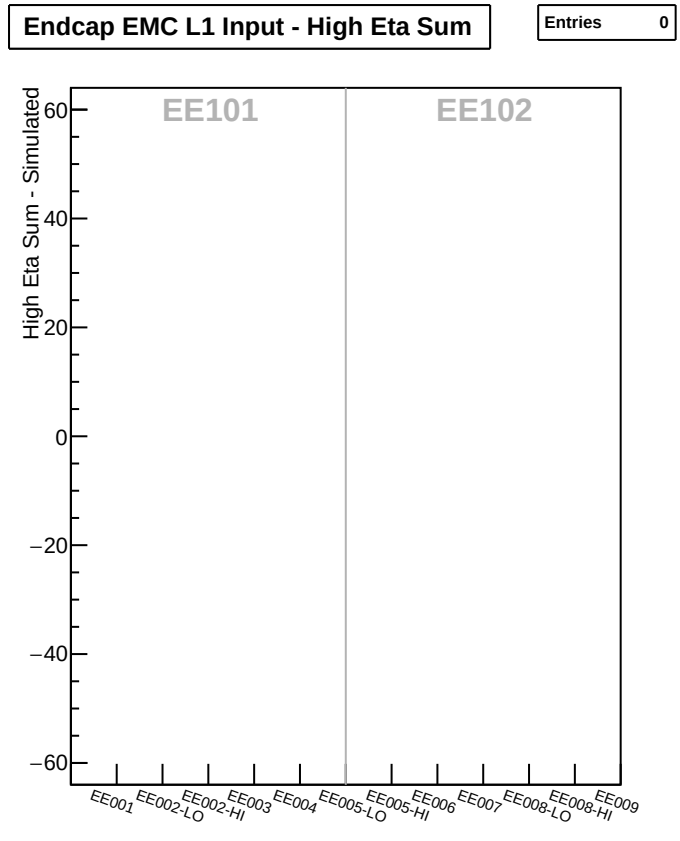

Barrel EMC L1 Input - HT.TP Bit
Entries 1.792085e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

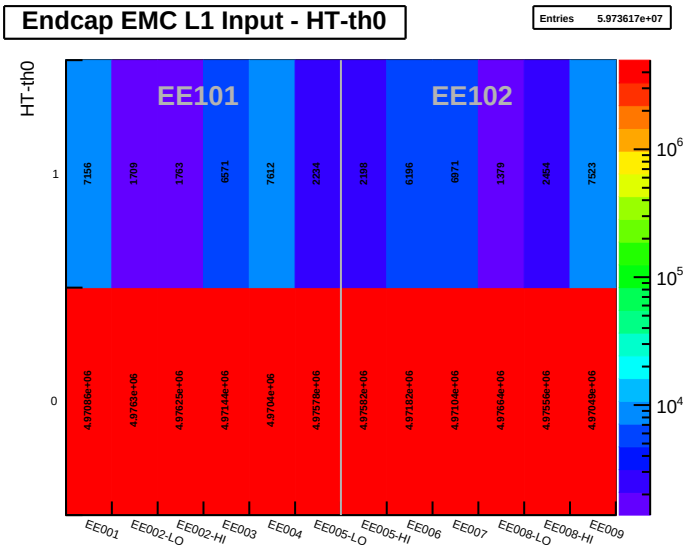

Barrel EMC L1 Input - High Tower Bits
Entries 165763
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

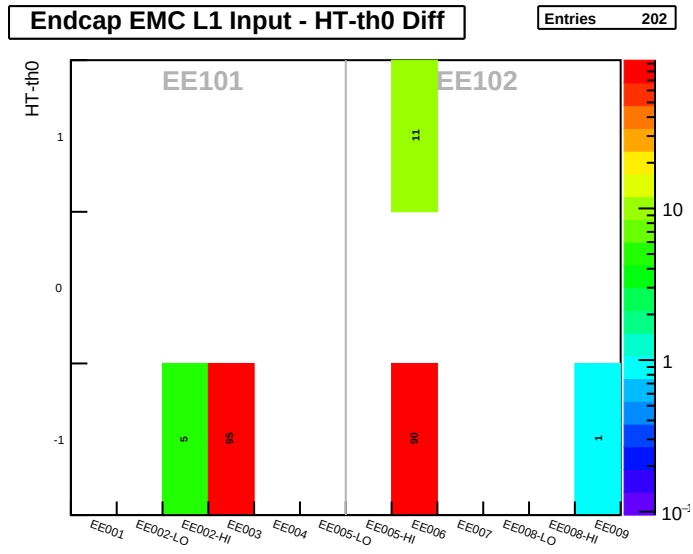

Endcap EMC L1 Input - Low Eta Sum
Entries 5.973617e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

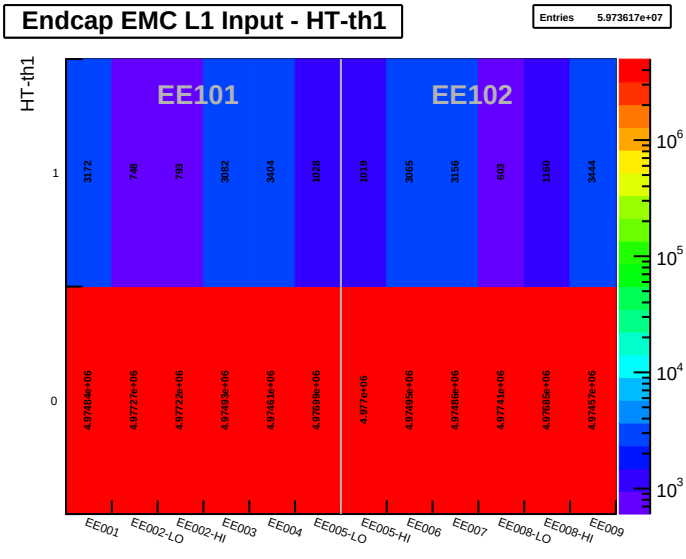

Endcap EMC L1 Input - Low Eta Sum
Entries 1201991
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

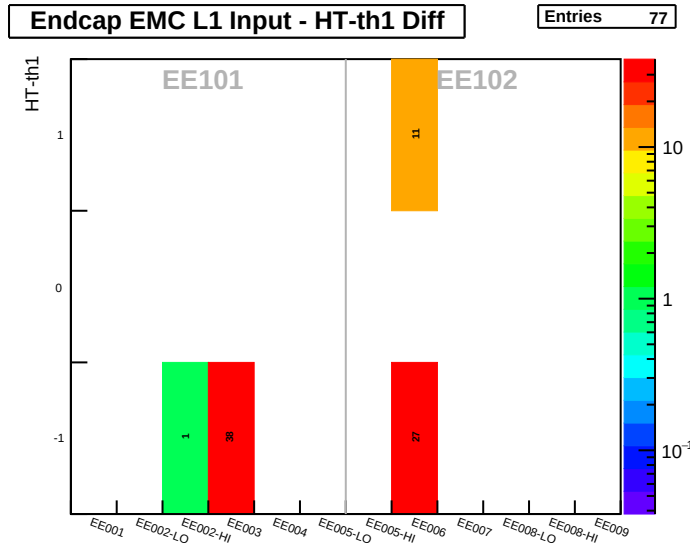

Endcap EMC L1 Input - High Eta Sum
Entries 5.973617e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

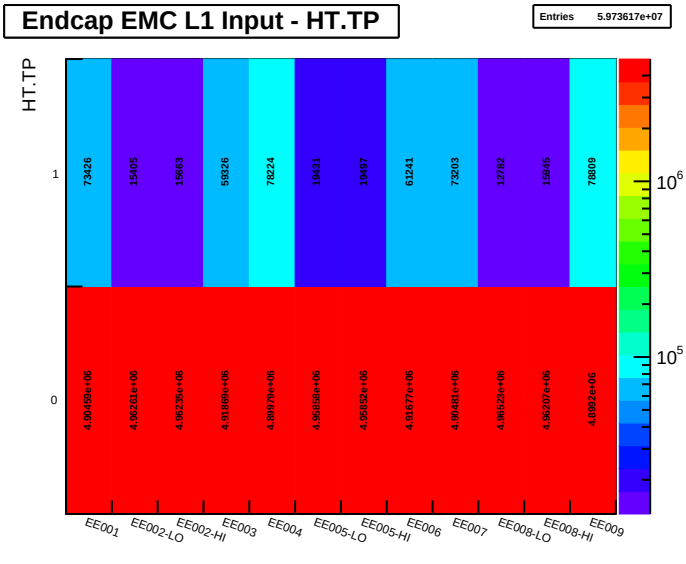

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

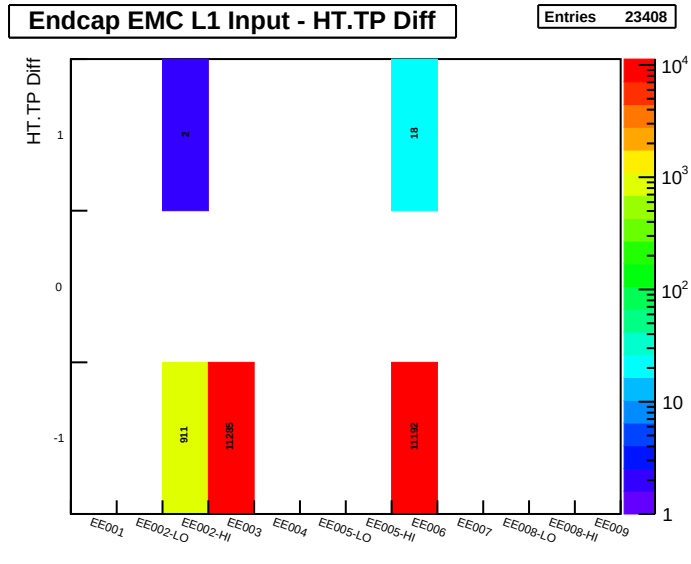

Endcap EMC L1 Input - HT-th0
Entries 5.973617e+07
HT-th0
EE101
EE102
7156 1709 1763 6571 7612 2234 2198 6196 6971 1379 2464 7523
4.97086e+06 4.97063e+06 4.97625e+06 4.97144e+06 4.97004e+06 4.97578e+06 4.97582e+06 4.97182e+06 4.97104e+06 4.97664e+06 4.97556e+06 4.97049e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

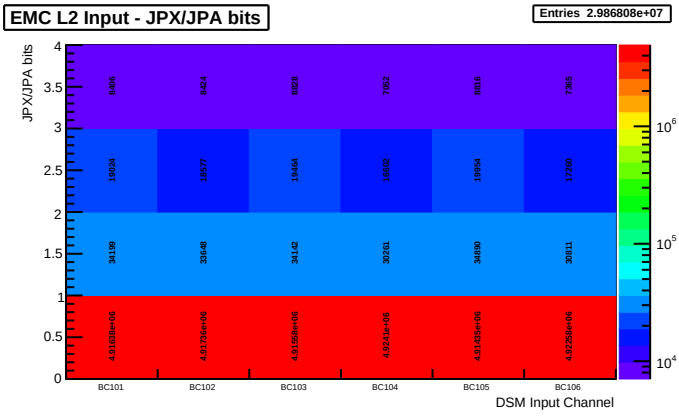

Endcap EMC L1 Input - HT-th0 Diff
Entries 202
HT-th0
EE101
EE102
5 95 90 11 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

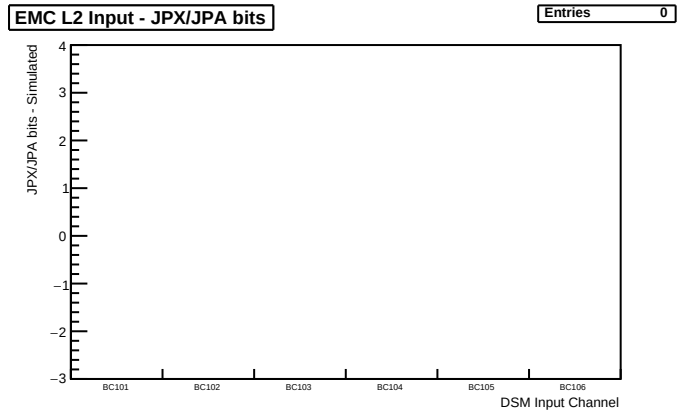

Endcap EMC L1 Input - HT-th1
Entries 5.973617e+07
HT-th1
EE101
EE102
3172 748 793 3082 3404 1028 1019 3065 3156 603 1160 3444
4.97484e+06 4.97727e+06 4.97722e+06 4.97493e+06 4.97461e+06 4.97699e+06 4.977e+06 4.97495e+06 4.97486e+06 4.97741e+06 4.97685e+06 4.97457e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

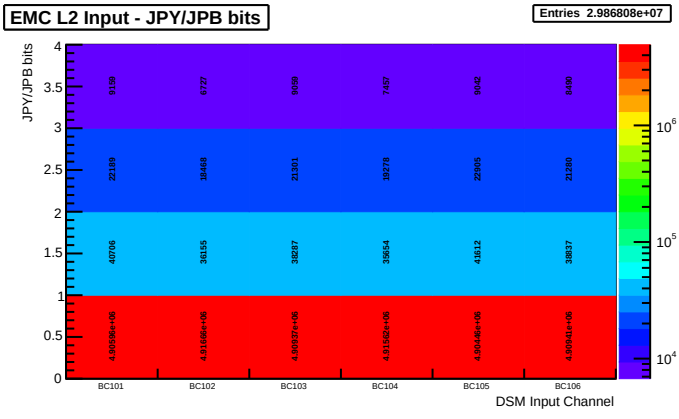

Endcap EMC L1 Input - HT-th1 Diff
Entries 77
HT-th1
EE101
EE102
1 38 27 11
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

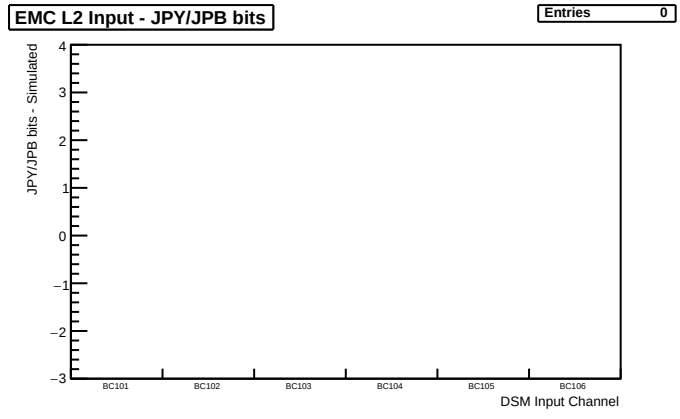

Endcap EMC L1 Input - HT.TP
Entries 5.973617e+07
HT.TP
73426 15405 15663 59326 78224 19431 19497 61241 73203 12782 15945 78809
4.90459e+06 4.90261e+06 4.90235e+06 4.91869e+06 4.89979e+06 4.95858e+06 4.95852e+06 4.91677e+06 4.90481e+06 4.90523e+06 4.90207e+06 4.8992e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

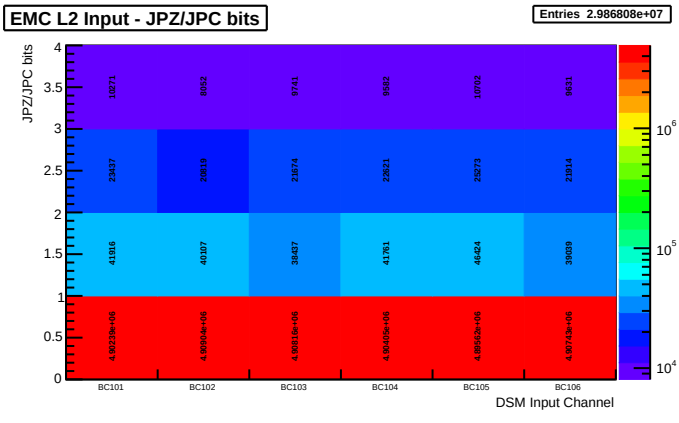

Endcap EMC L1 Input - HT.TP Diff
Entries 23408
HT.TP Diff
2 18 911 11285 11192
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

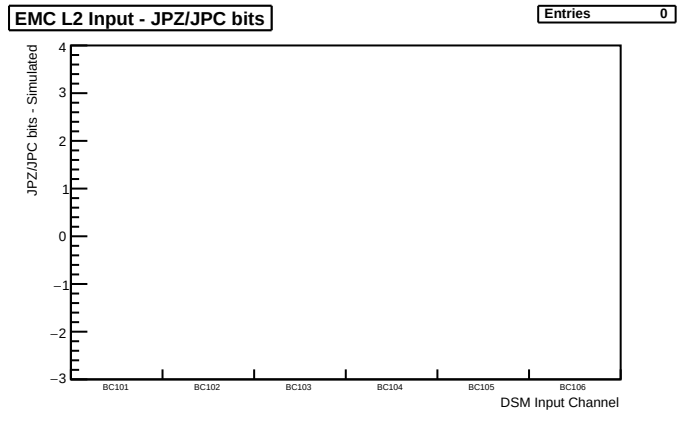

EMC L2 Input - JPX/JPA bits
Entries 2.986808e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8406
8424
8828
7052
8816
7365
19034
18377
19464
16602
19954
17260
34159
33648
34142
30261
34890
30911
4.91638e+06
4.91736e+06
4.91558e+06
4.3241e+06
4.91435e+06
4.92258e+06

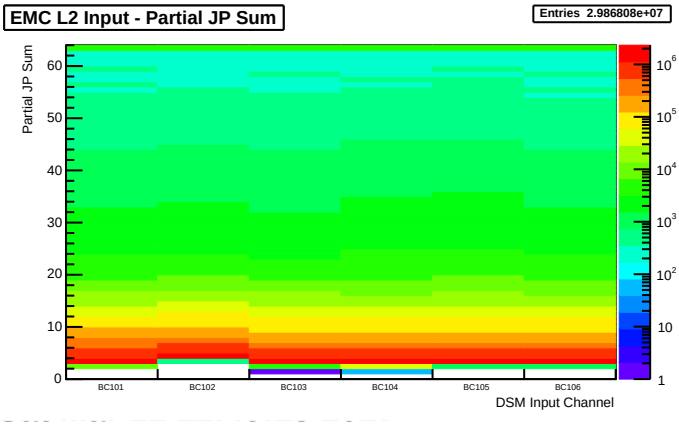

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

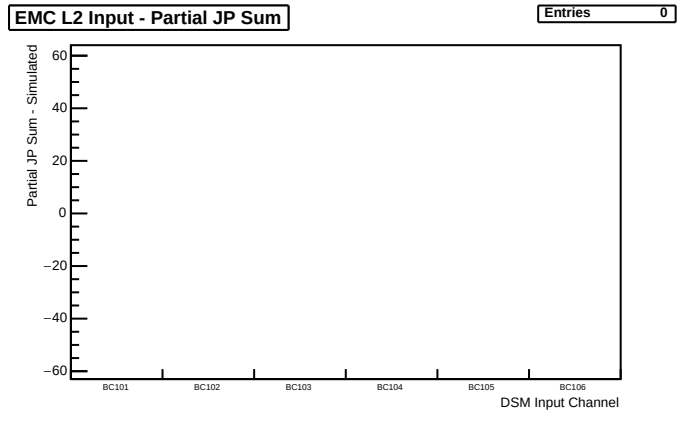

EMC L2 Input - JPY/JPB bits
Entries 2.986808e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9159
6727
9059
7457
9042
8490
22189
18468
21301
19278
22905
21280
40706
36155
38287
35554
41612
38837
4.90596e+06
4.91669e+06
4.90937e+06
4.91582e+06
4.90146e+06
4.90941e+06

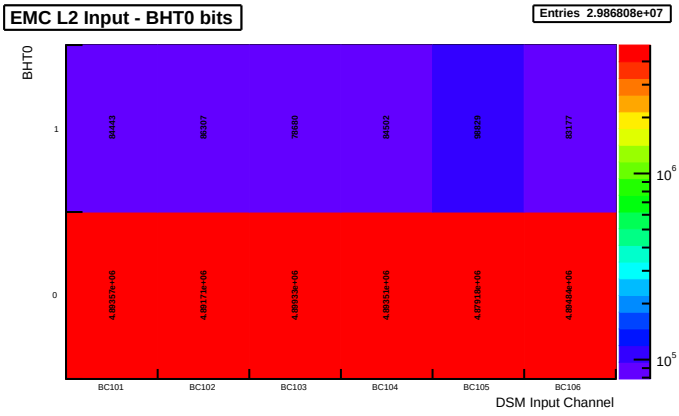

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

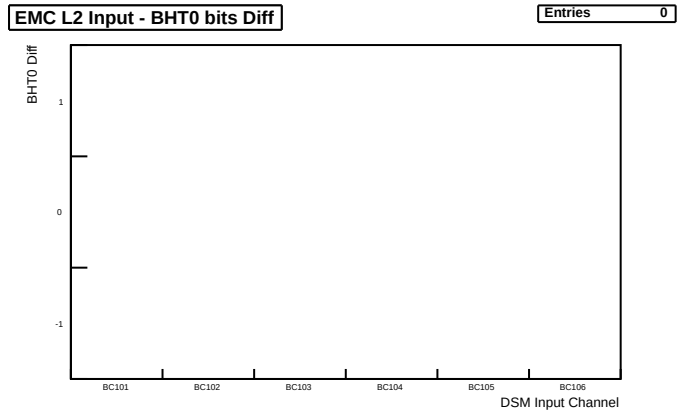

EMC L2 Input - JPZ/JPC bits
Entries 2.986808e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10271
8952
9741
9582
10702
9631
23437
20819
21874
22821
22573
21914
41916
40107
38437
41761
46424
39039
4.90239e+06
4.90904e+06
4.90816e+06
4.90405e+06
4.89952e+06
4.90743e+06

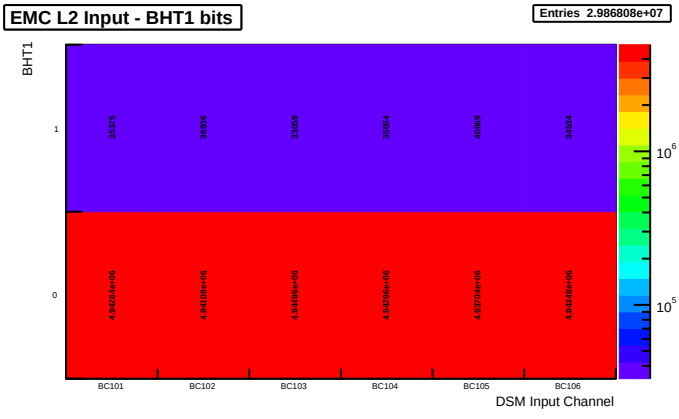

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

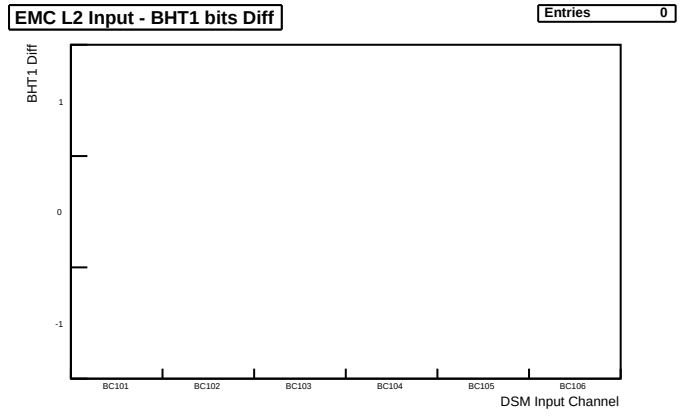

EMC L2 Input - Partial JP Sum
Entries 2.986808e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

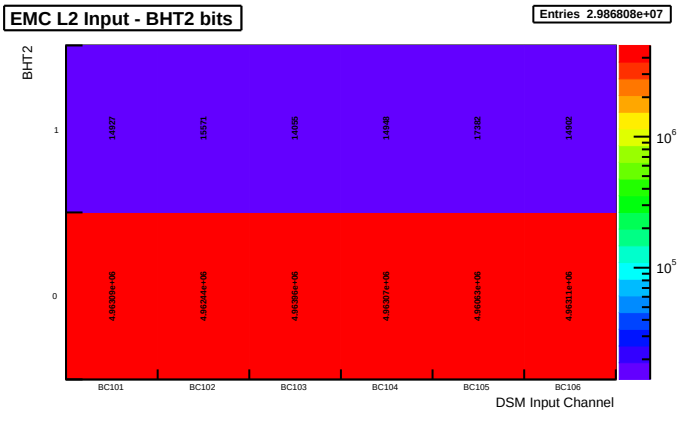

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

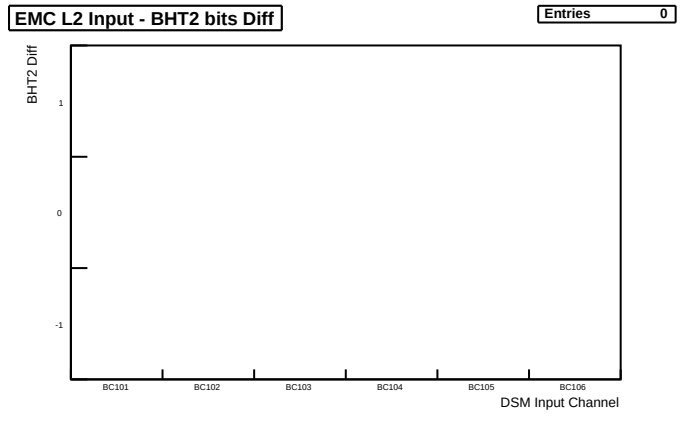

EMC L2 Input - BHT0 bits
Entries 2.986808e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

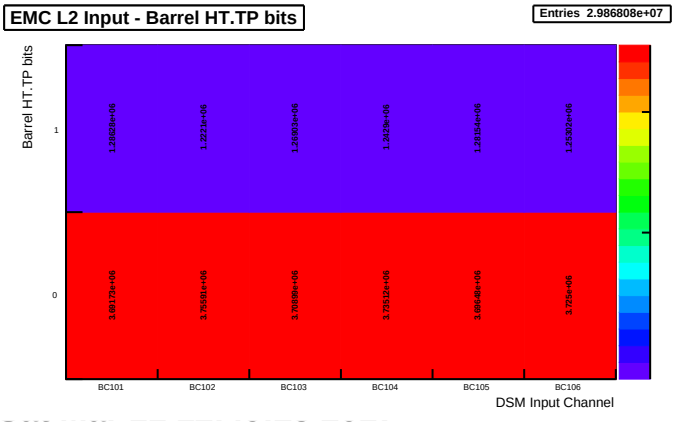

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

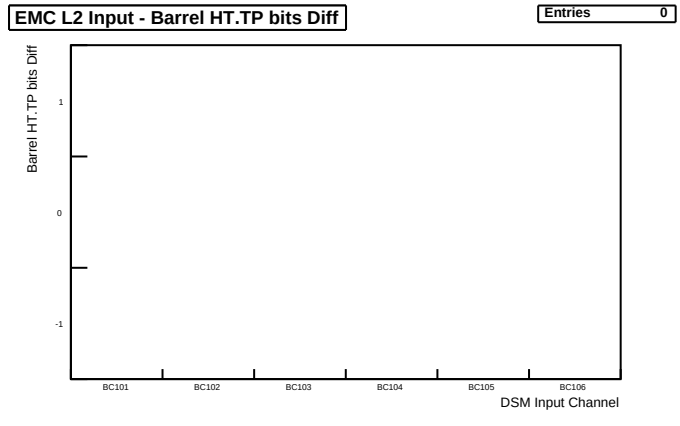

EMC L2 Input - BHT1 bits
Entries 2.986808e+07
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

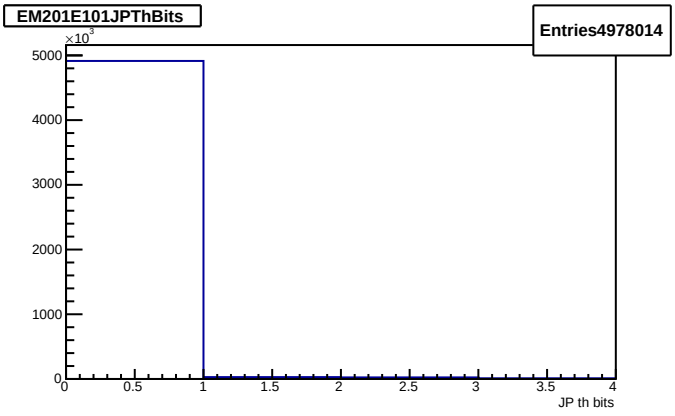

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

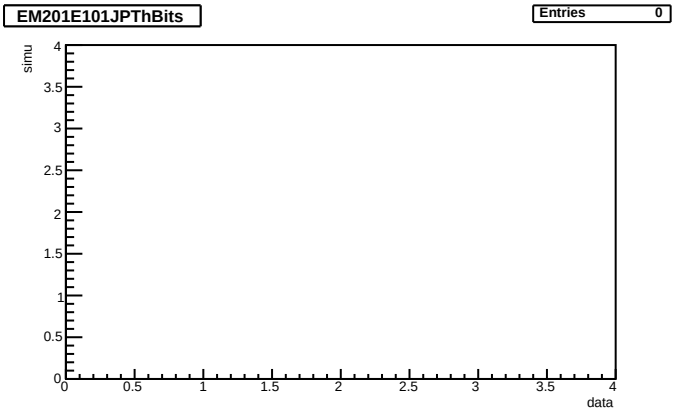

EMC L2 Input - BHT2 bits
Entries 2.986808e+07
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106


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


EMC L2 Input - Barrel HT.TP bits
Entries 2.986808e+07
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106


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


EM201E101JPThBits
Entries4978014
×10^3
JP th bits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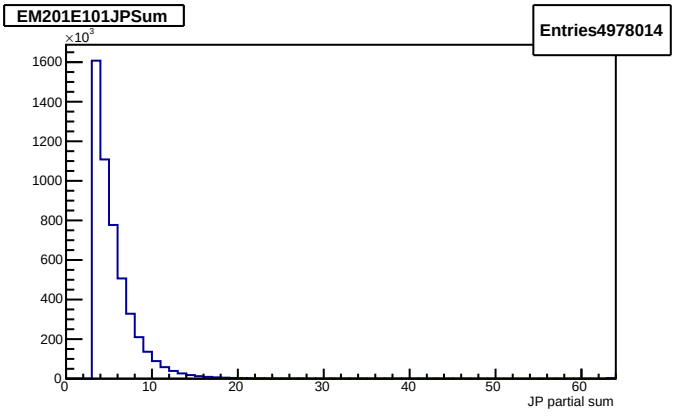
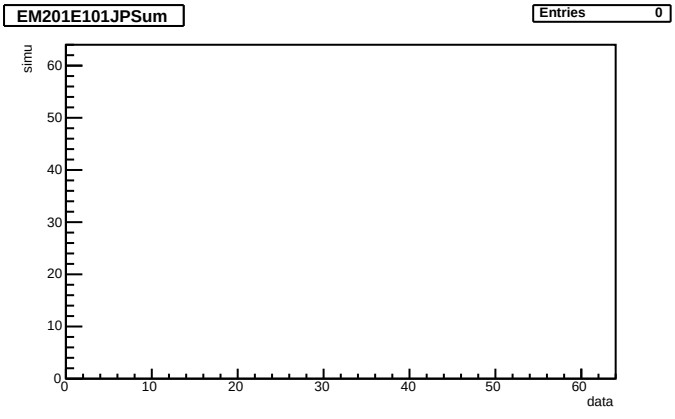
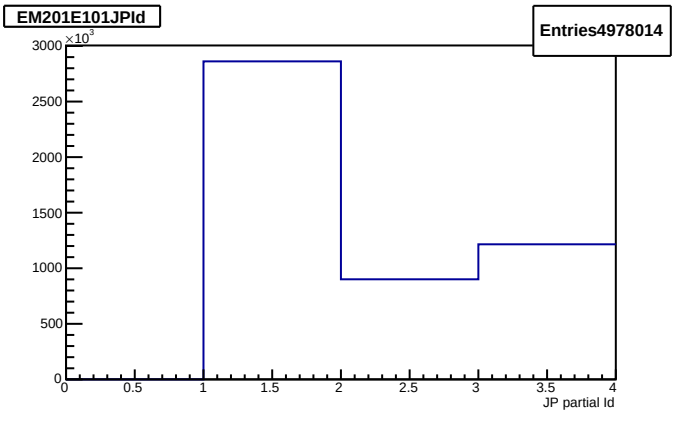
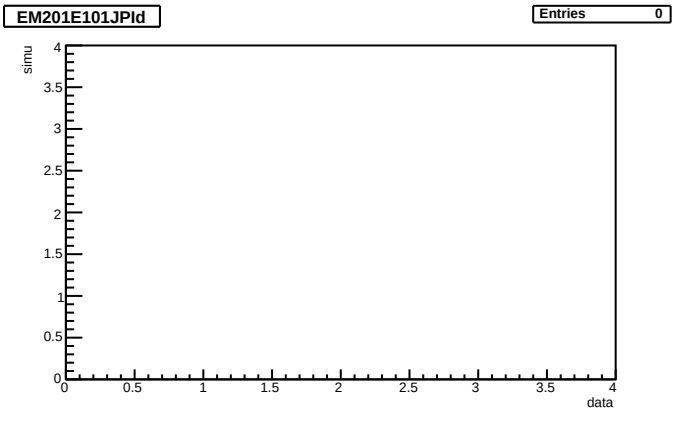
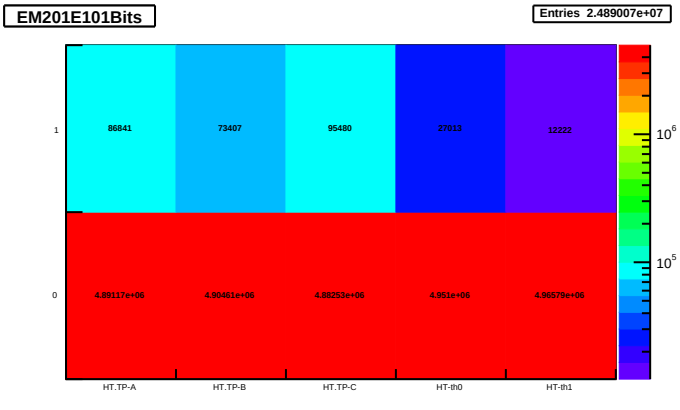
Entries 0
simu
data

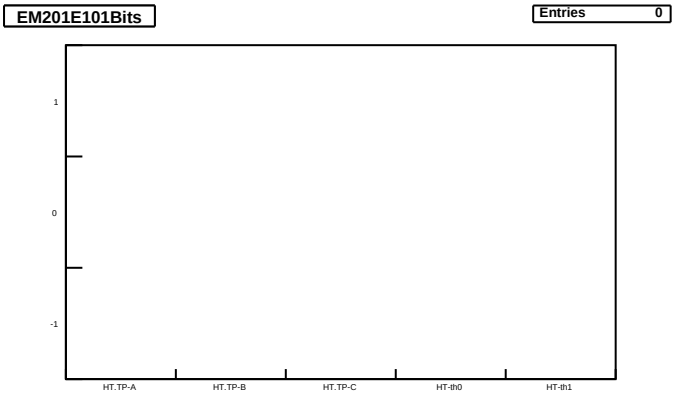

EM201E101JPSum
Entries4978014
×10^3
JP partial sum

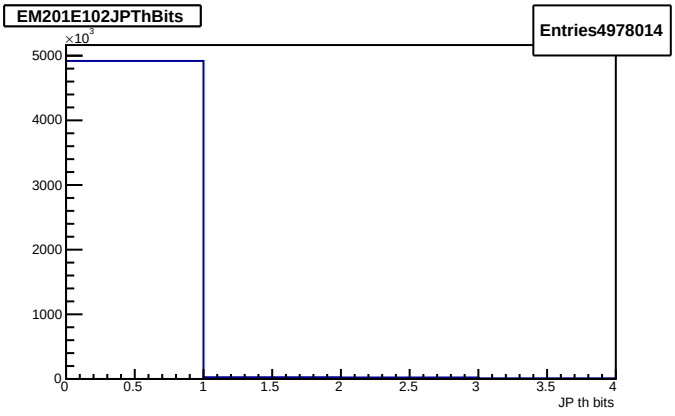

EM201E101JPSum
Entries 0
simu
data

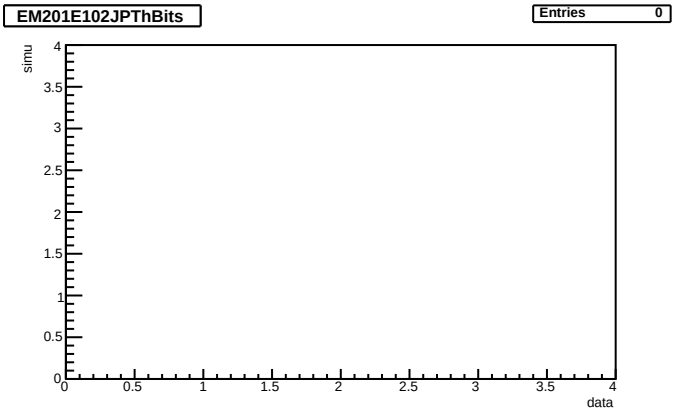

EM201E101JPId
Entries4978014
×10^3
JP partial Id

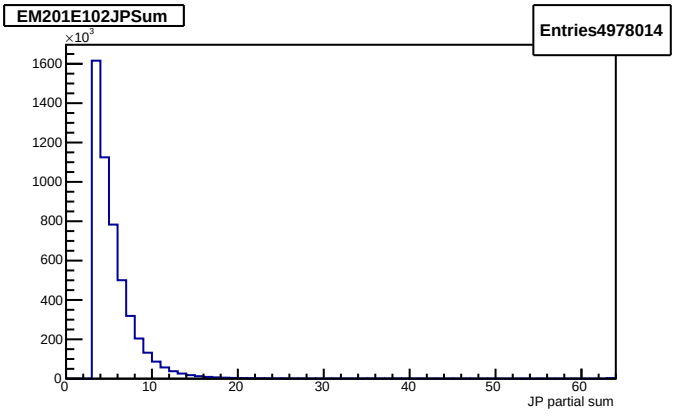

EM201E101JPId
Entries 0
simu
data

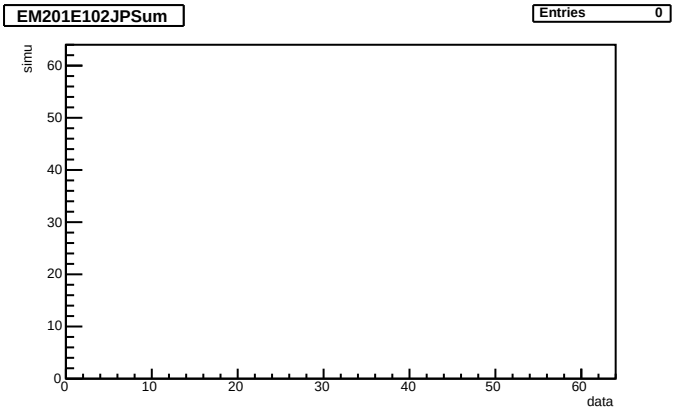

EM201E101Bits
Entries 2.489007e+07
86841
73407
95480
27013
12222
4.89117e+06
4.90461e+06
4.88253e+06
4.951e+06
4.96579e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

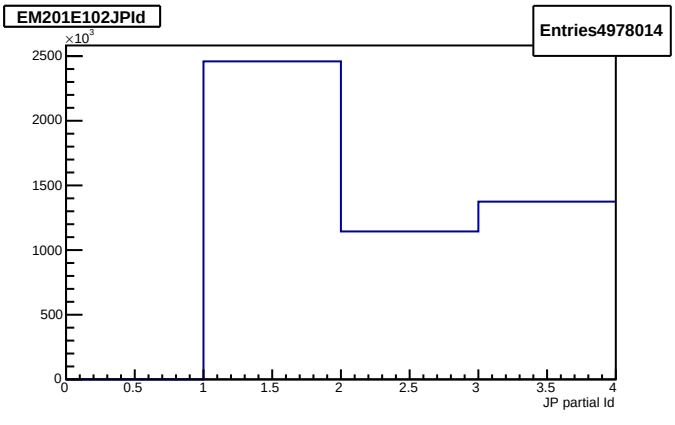

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

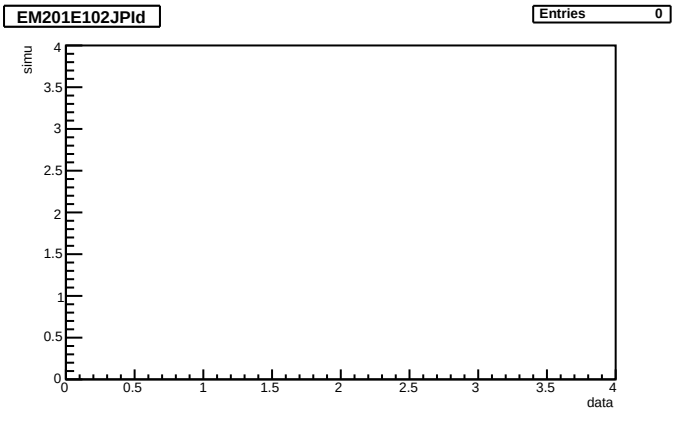

EM201E102JPThBits
Entries4978014
×10^3
JP th bits

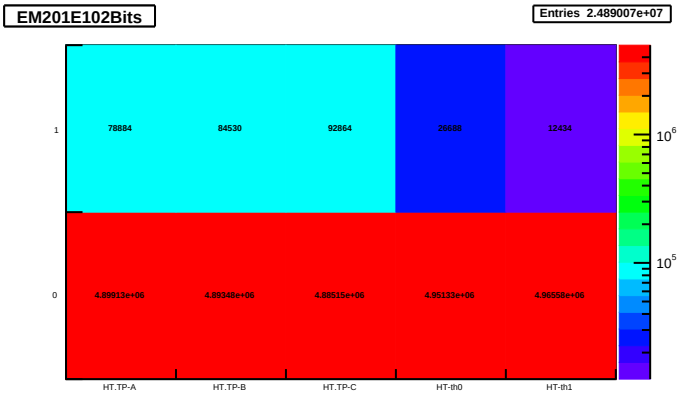

EM201E102JPThBits
Entries 0
simu
data

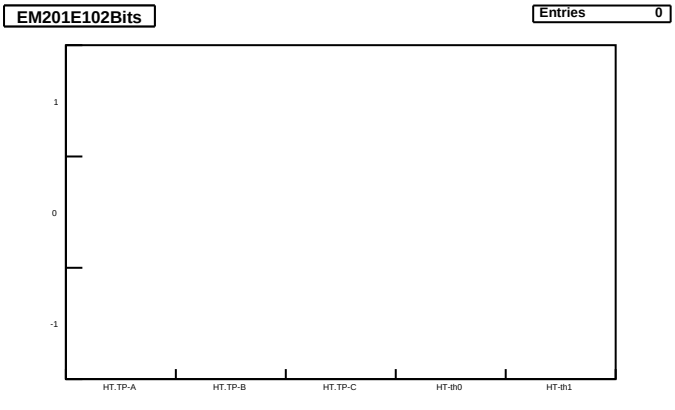

EM201E102JPSum
Entries4978014
×10^3
JP partial sum

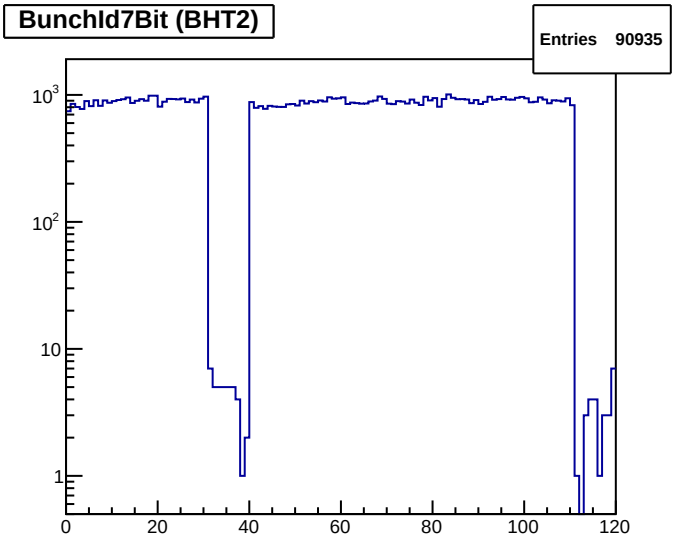

EM201E102JPSum
Entries 0
simu
data

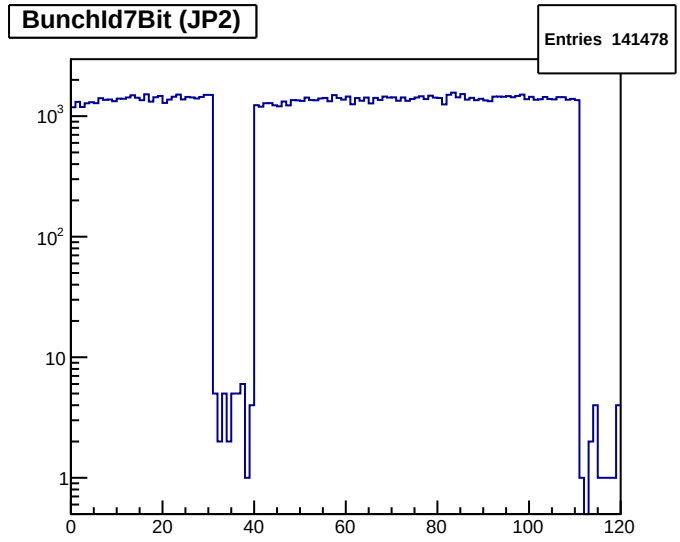

EM201E102JPId
Entries4978014
×10^3
JP partial Id

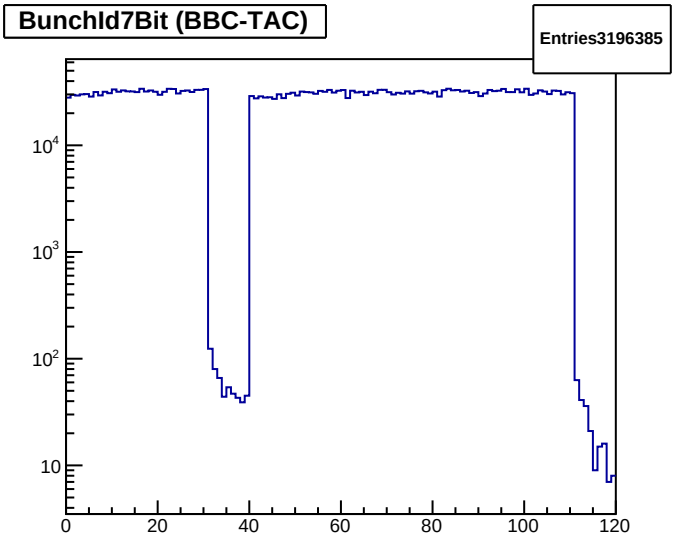

EM201E102JPId
Entries 0
simu
data

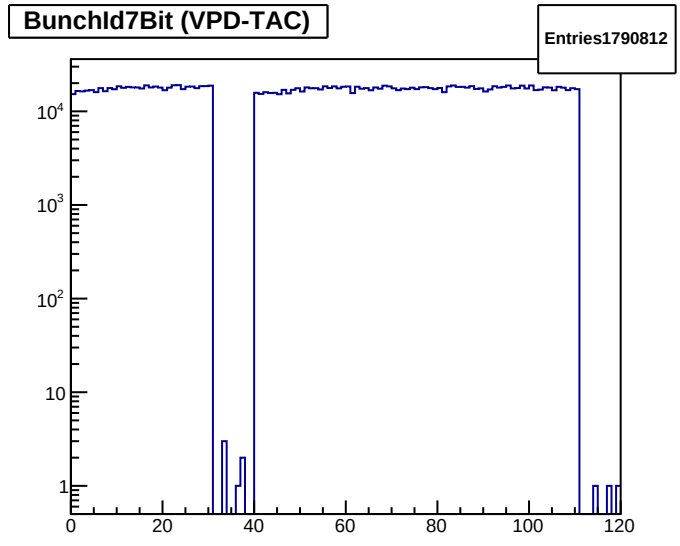

EM201E102Bits
Entries 2.489007e+07
78884
84530
92864
20688
12434
4.89913e+06
4.89348e+06
4.88515e+06
4.95133e+06
4.96558e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

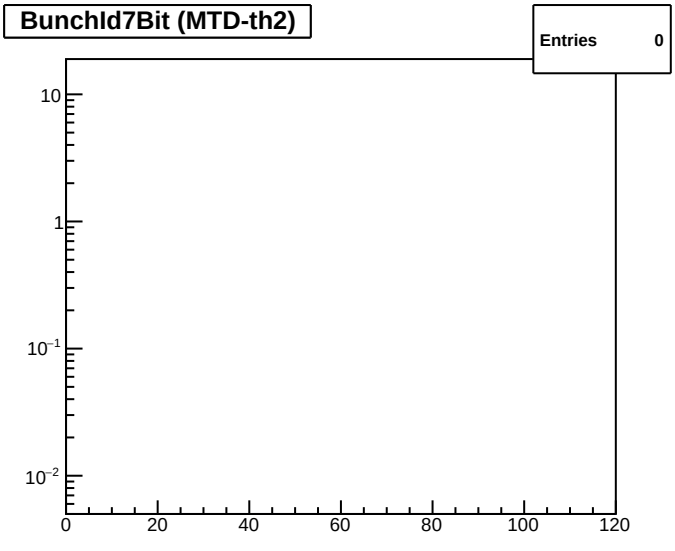

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

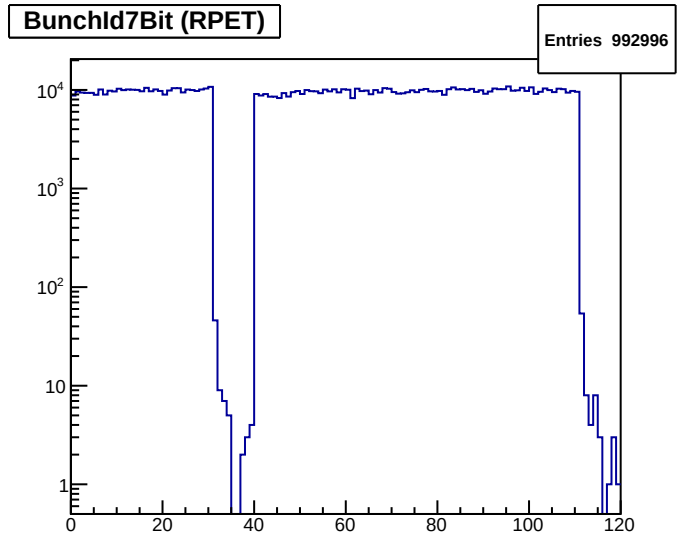

BunchId7Bit (BHT2)
Entries 90935

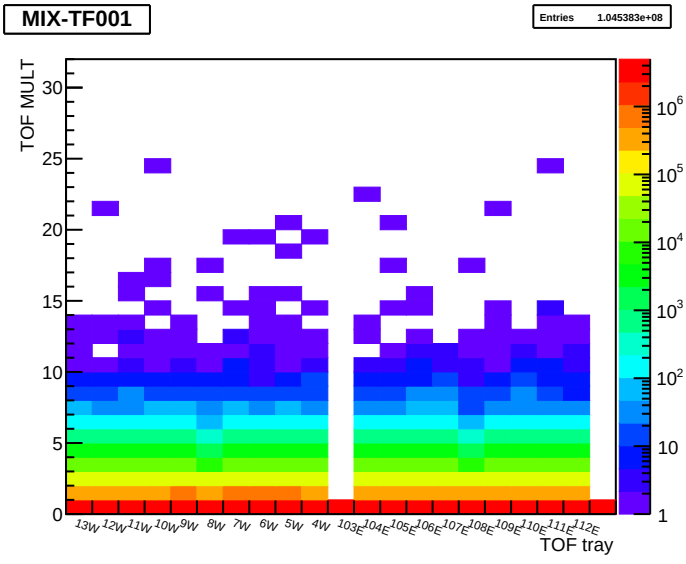

BunchId7Bit (JP2)
Entries 141478

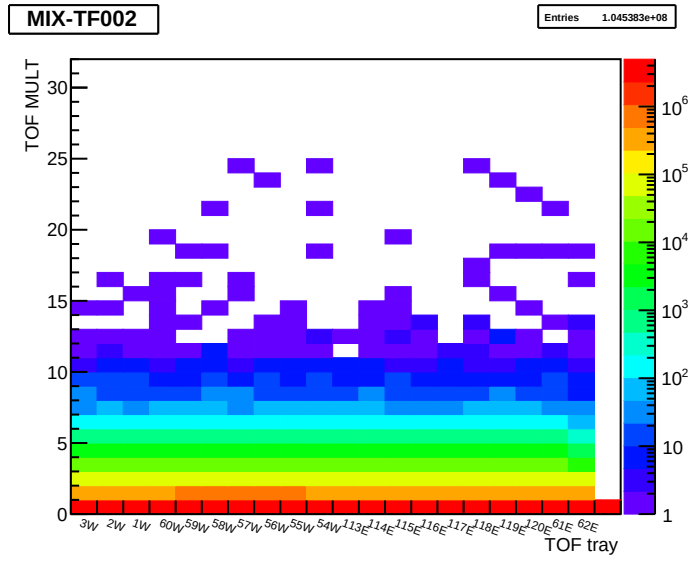

BunchId7Bit (BBC-TAC)
Entries3196385

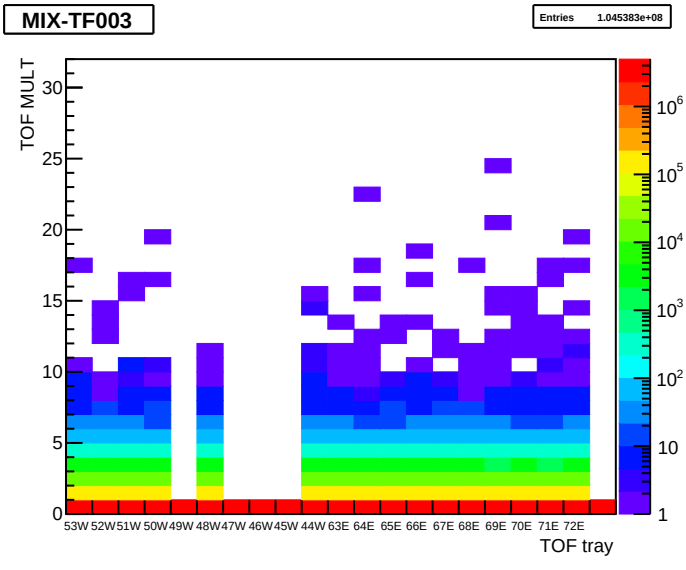

BunchId7Bit (VPD-TAC)
Entries1790812

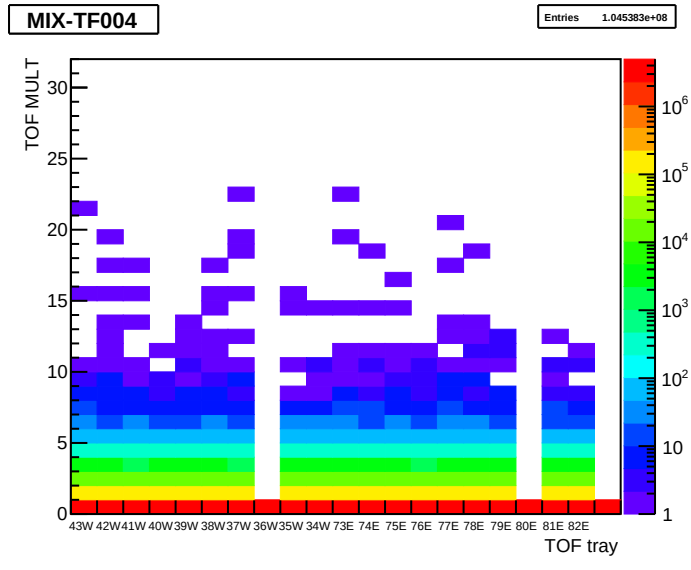

BunchId7Bit (MTD-th2)
Entries 0

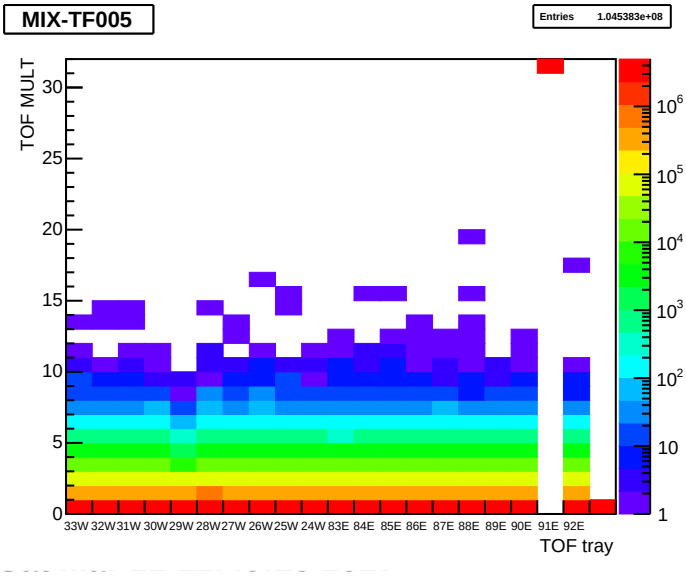

BunchId7Bit (RPET)
Entries 992996

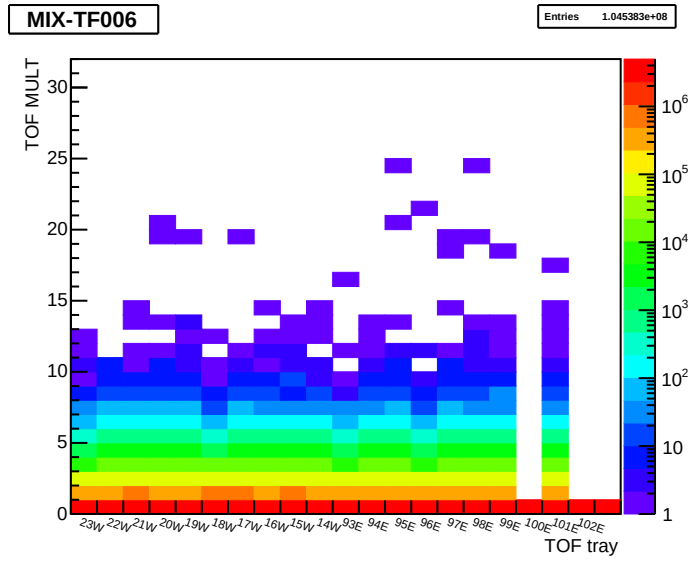

MIX-TF001
Entries 1.045383e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

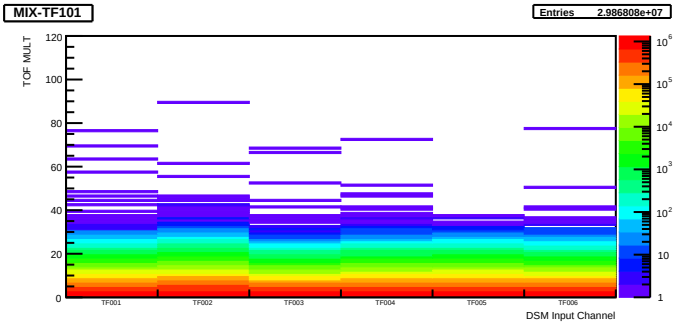

MIX-TF002
Entries 1.045383e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

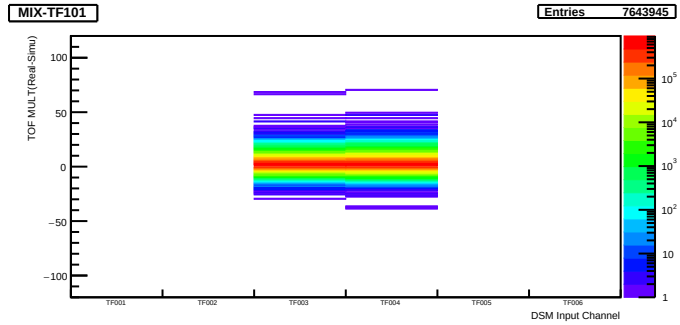

MIX-TF003
Entries 1.045383e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

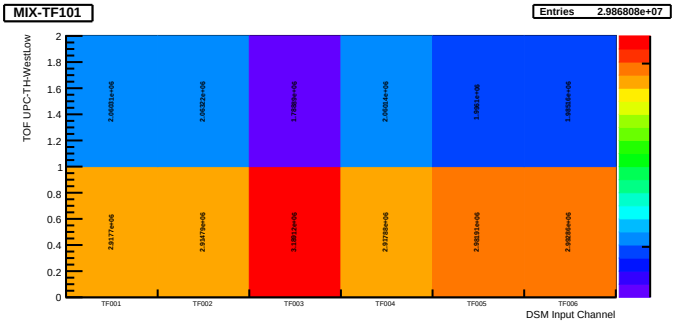

MIX-TF004
Entries 1.045383e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

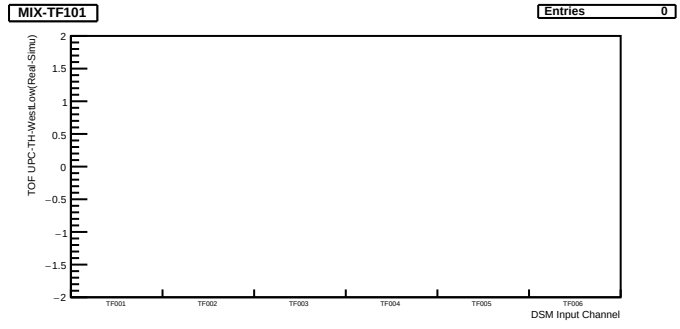

MIX-TF005
Entries 1.045383e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

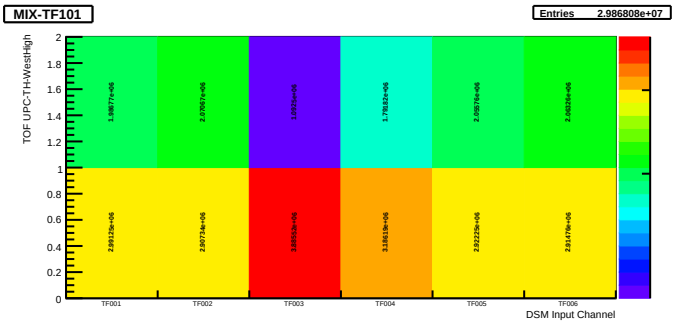

MIX-TF006
Entries 1.045383e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

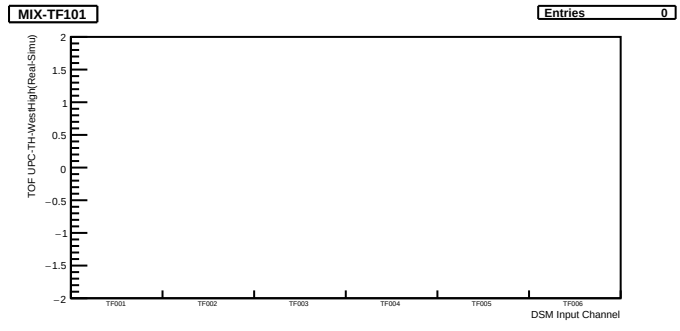

MIX-TF101
Entries 2.986808e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

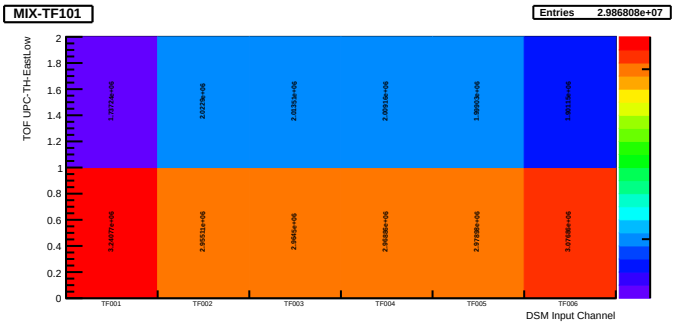

MIX-TF101
Entries 7643945
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

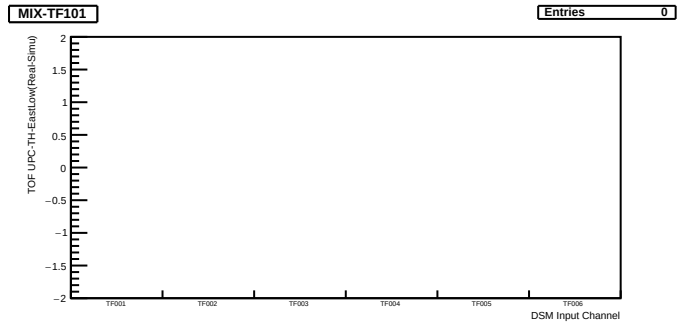

MIX-TF101
Entries 2.986808e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

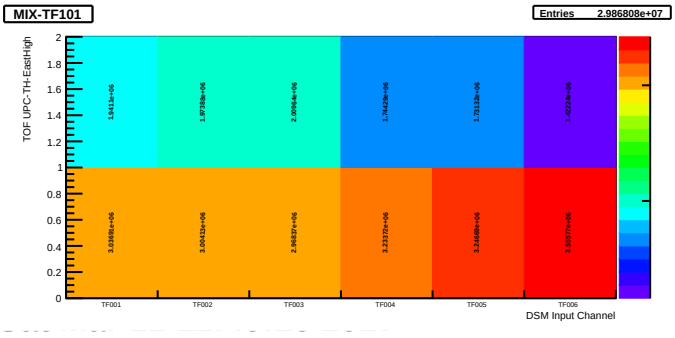

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

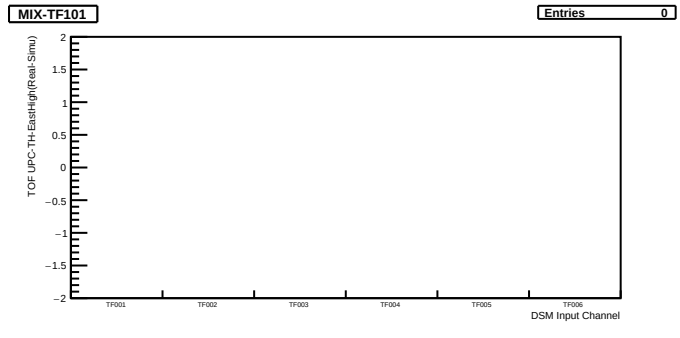

MIX-TF101
Entries 2.986808e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

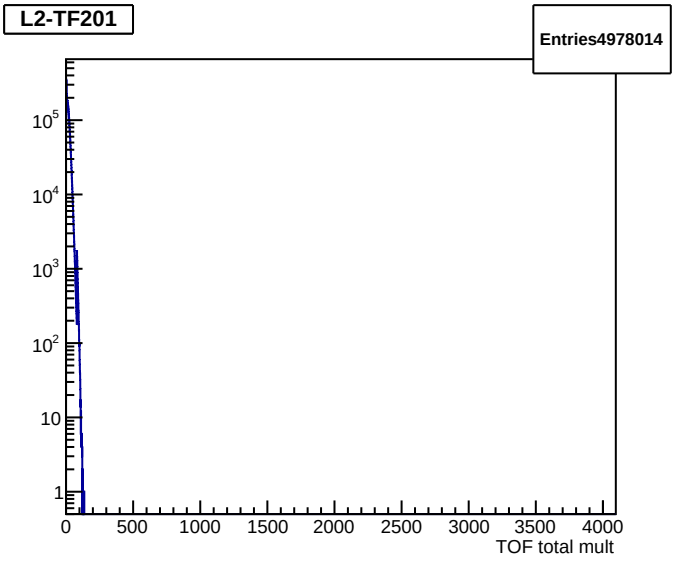

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

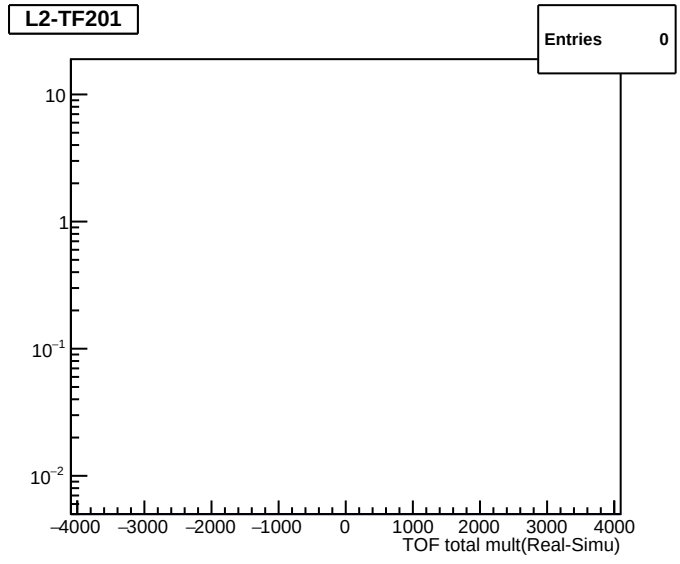

MIX-TF101
Entries 2.986808e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

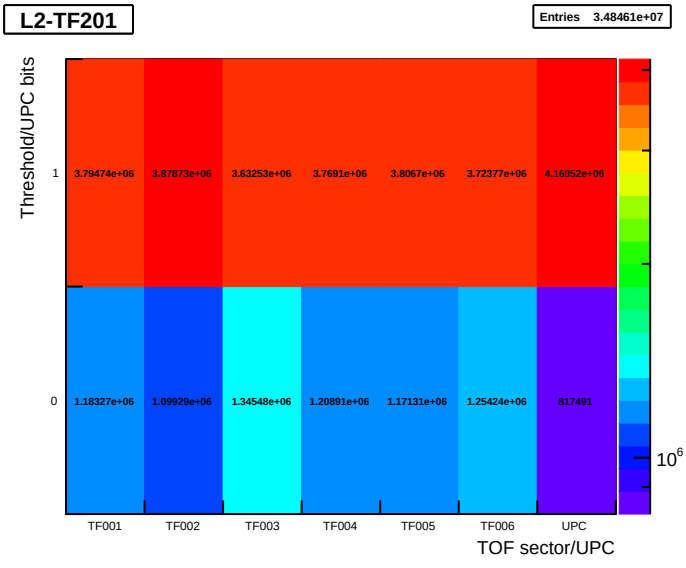

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

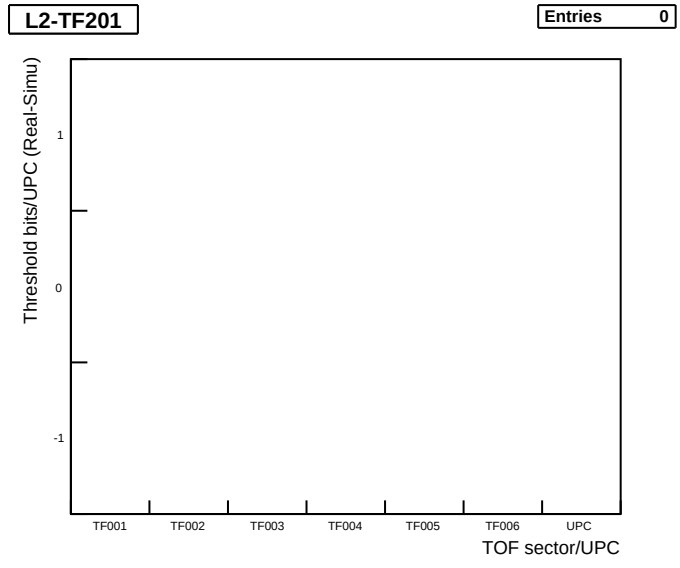

MIX-TF101
Entries 2.986808e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

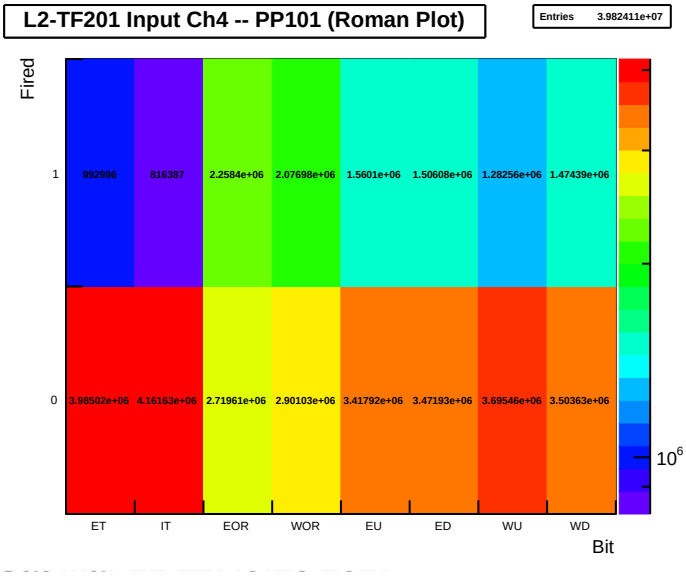

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

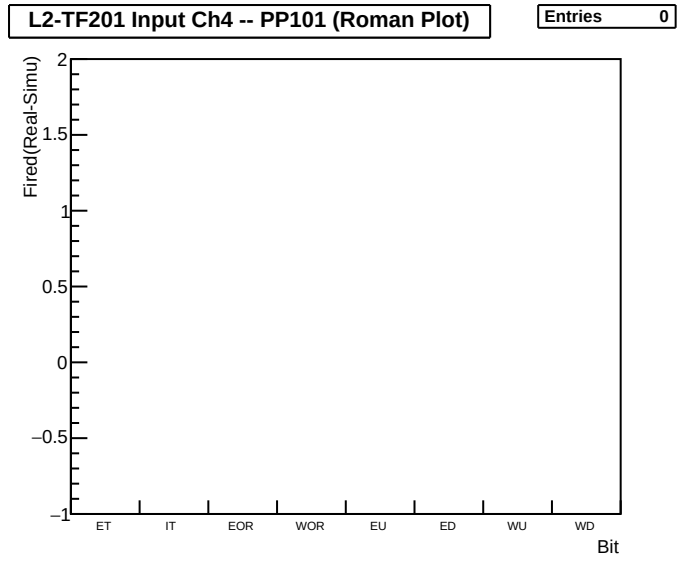

L2-TF201
Entries4978014
TOF total mult

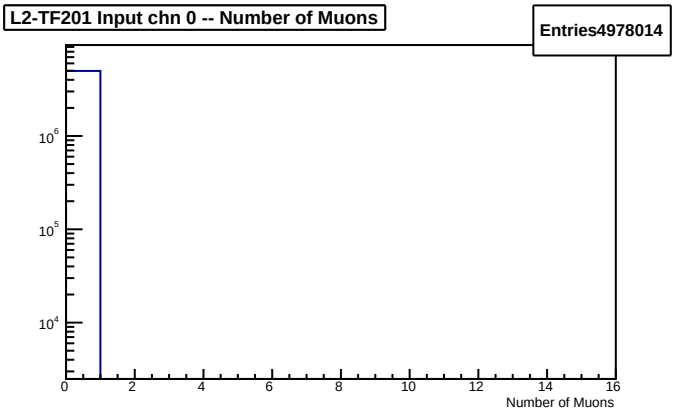

L2-TF201
Entries 0
TOF total mult(Real-Simu)

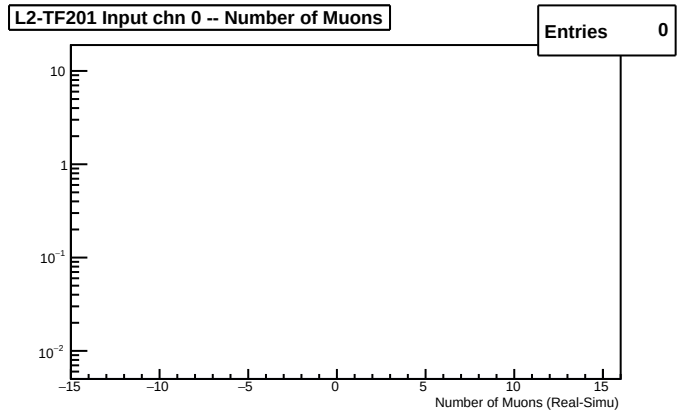

L2-TF201
Entries 3.48461e+07
Threshold/UPC bits
3.79474e+06
3.87873e+06
3.63253e+06
3.7691e+06
3.8067e+06
3.72377e+06
4.16052e+06
1.18327e+06
1.09929e+06
1.34548e+06
1.20891e+06
1.17131e+06
1.25424e+06
817491
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

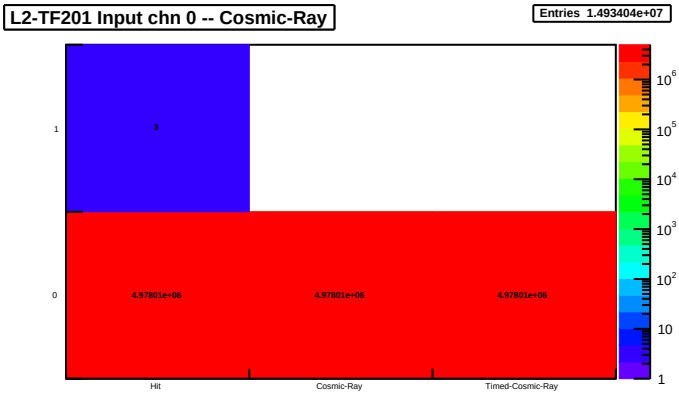

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

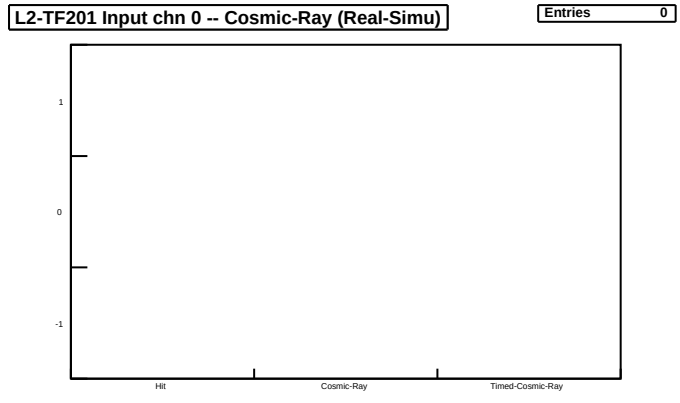

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.982411e+07
Fired
992996
816387
2.2584e+06
2.07698e+06
1.5601e+06
1.50608e+06
1.28256e+06
1.47439e+06
3.98502e+06
4.16163e+06
2.71961e+06
2.90103e+06
3.41792e+06
3.47193e+06
3.69546e+06
3.50363e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

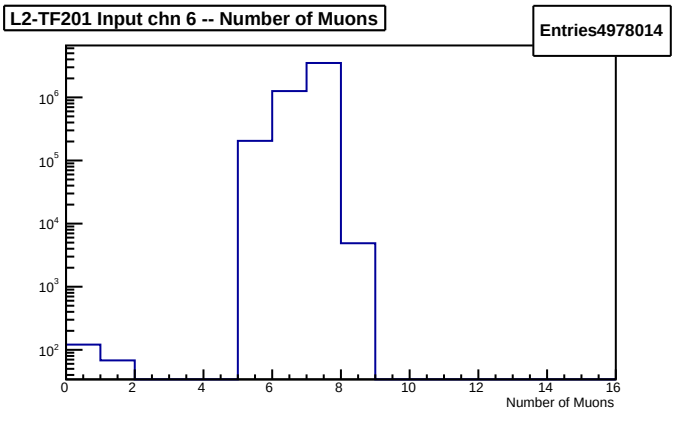

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

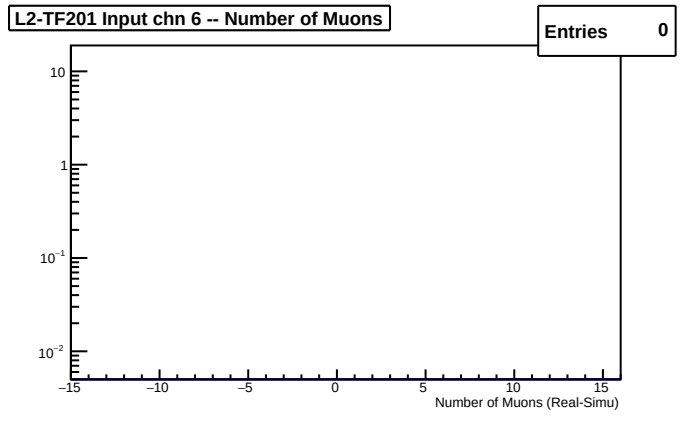

L2-TF201 Input chn 0 -- Number of Muons
Entries4978014
Number of Muons

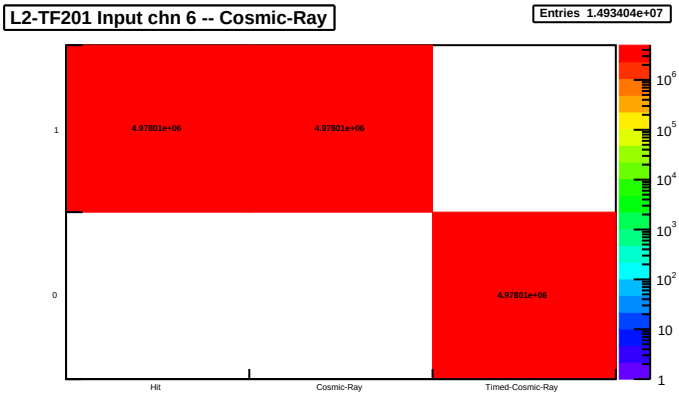

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

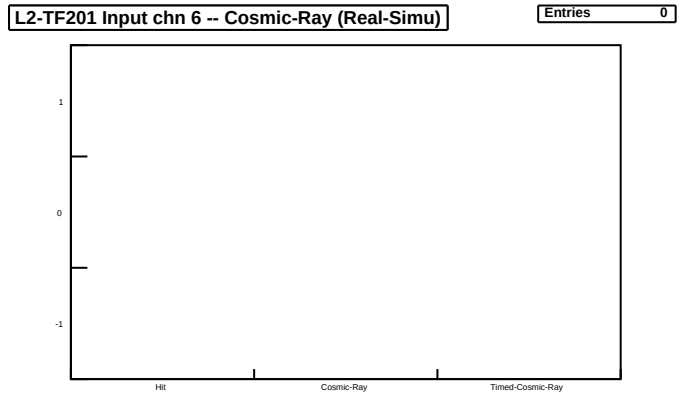

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.493404e+07
3
4.97801e+06
4.97801e+06
4.97801e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

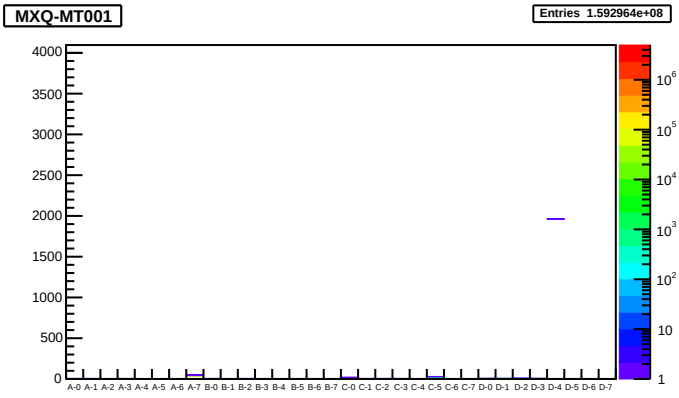

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

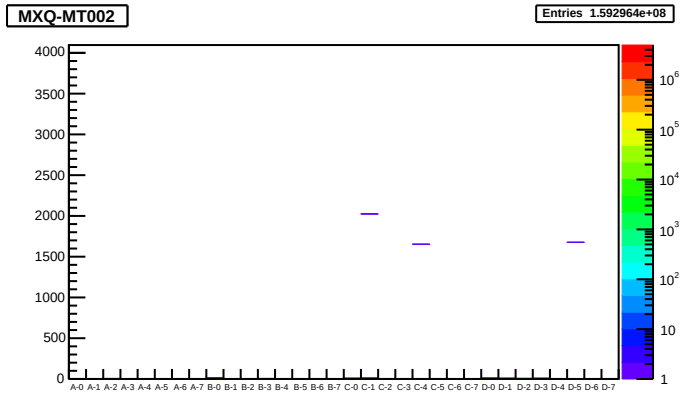

L2-TF201 Input chn 6 -- Number of Muons
Entries4978014
Number of Muons

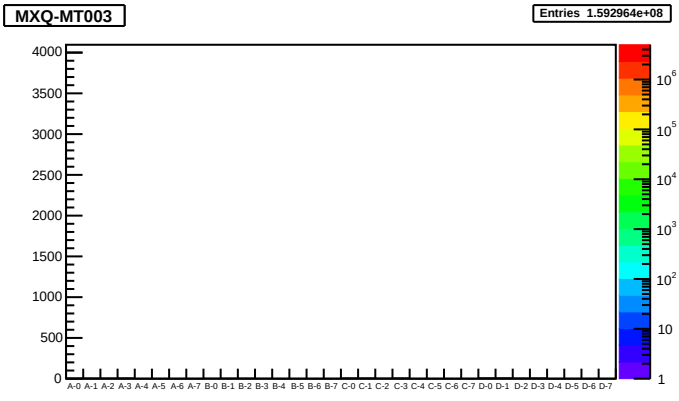

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

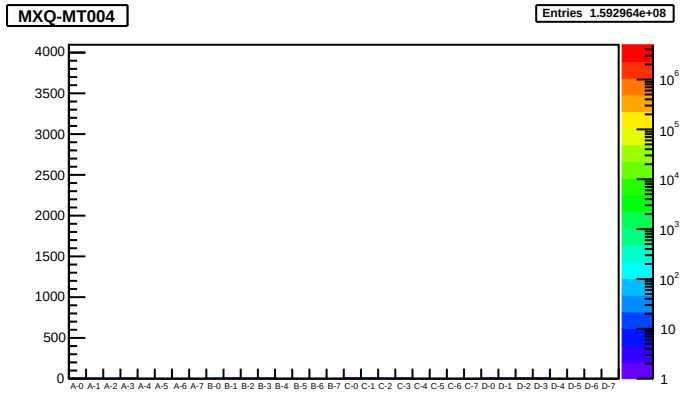

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.493404e+07
4.97801e+06
4.97801e+06
4.97801e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

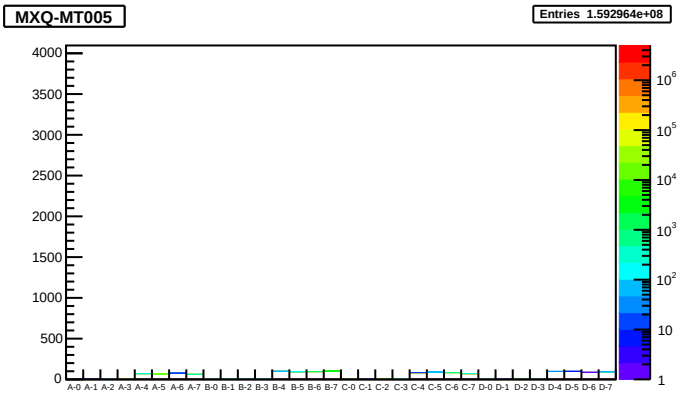

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

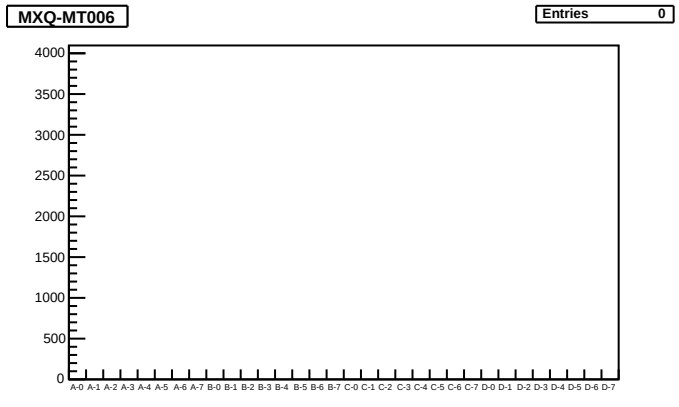

MXQ-MT001
Entries 1.592964e+08

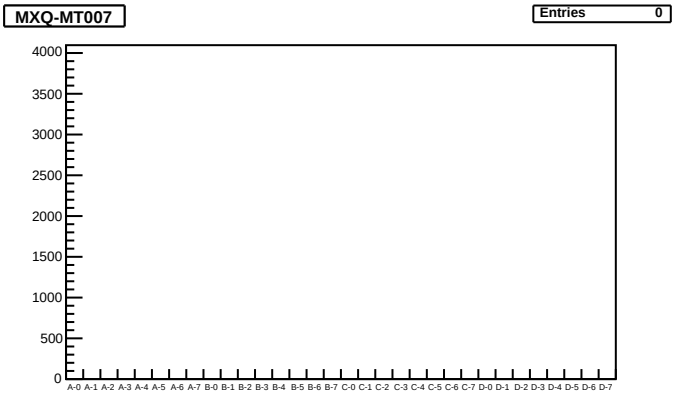

MXQ-MT002
Entries 1.592964e+08

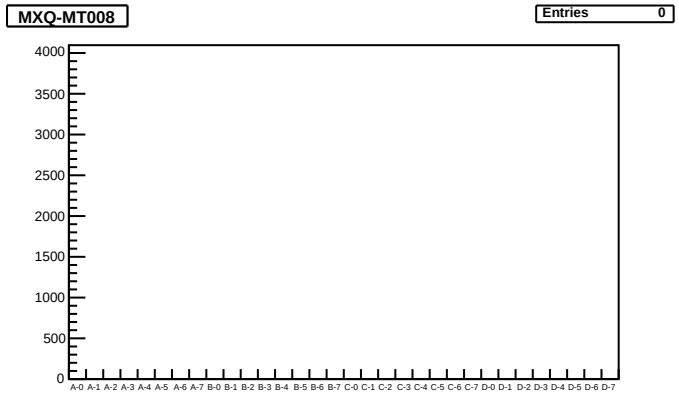

MXQ-MT003
Entries 1.592964e+08

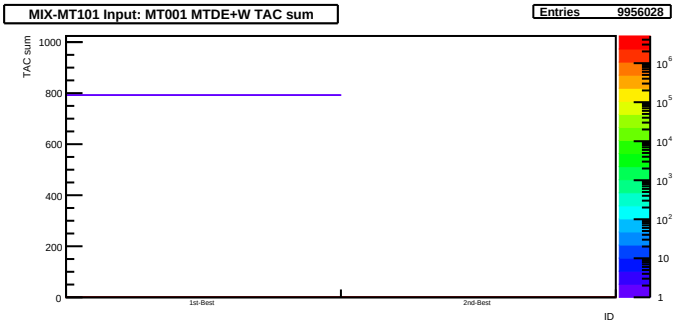

MXQ-MT004
Entries 1.592964e+08

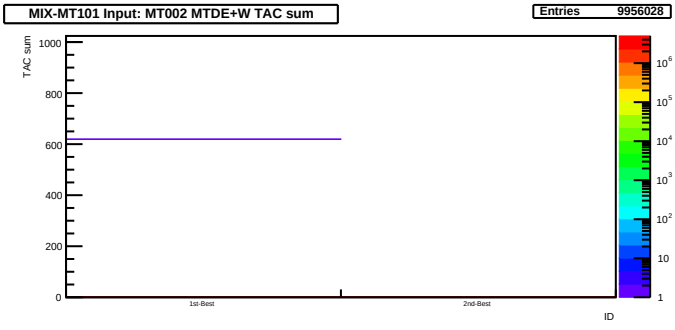

MXQ-MT005
Entries 1.592964e+08

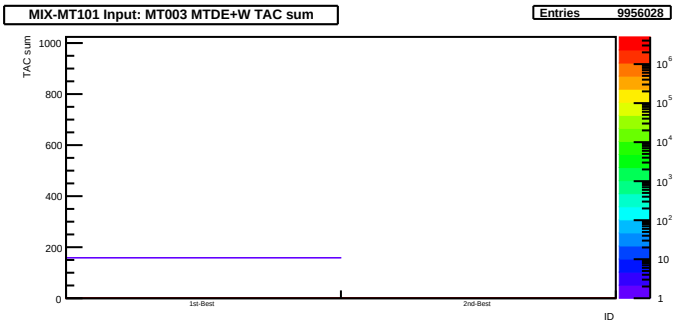

MXQ-MT006
Entries 0

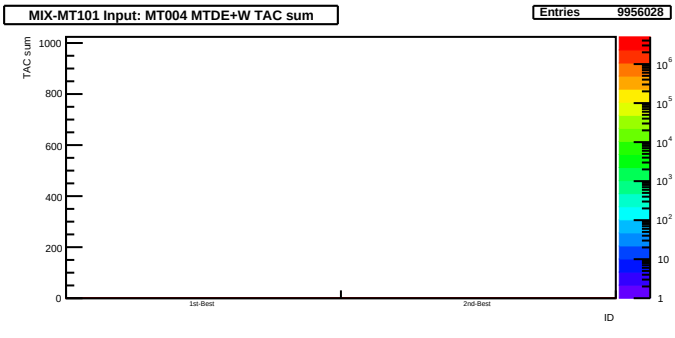

MXQ-MT007
Entries 0

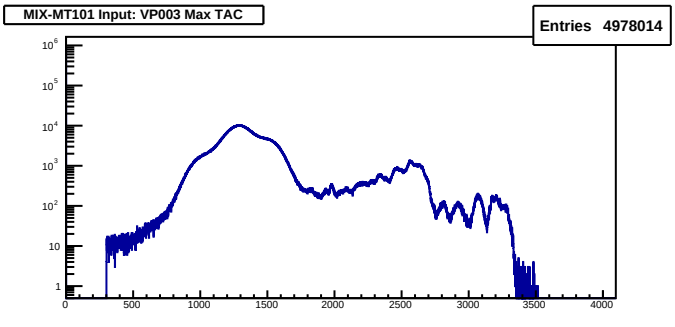

MXQ-MT008
Entries 0

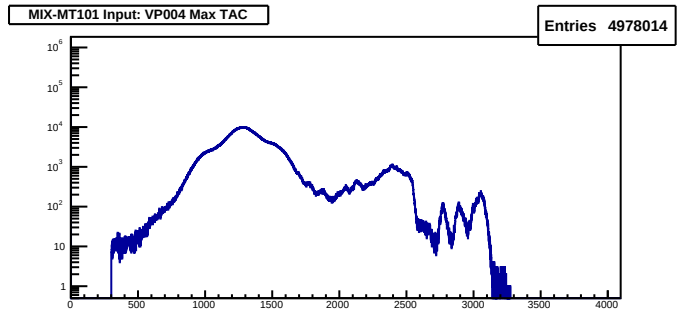

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9956028
TAC sum
1st-Best
2nd-Best
ID

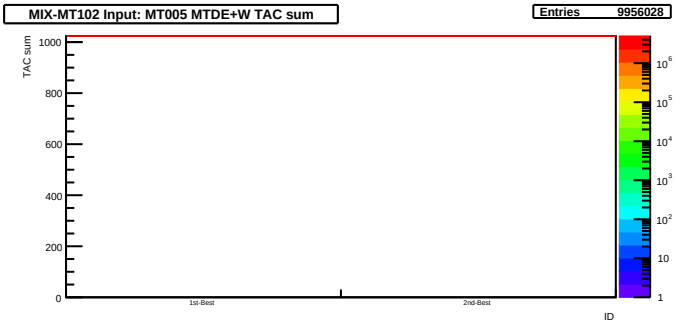

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9956028
TAC sum
1st-Best
2nd-Best
ID

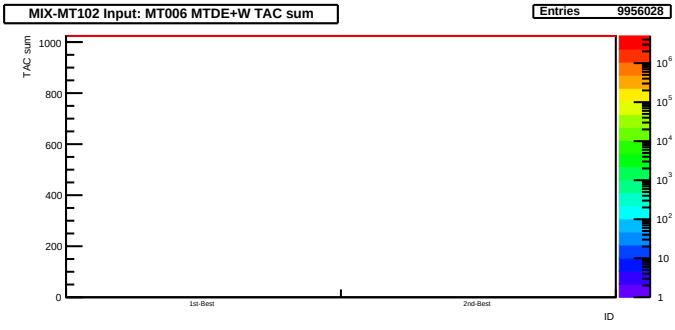

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9956028
TAC sum
1st-Best
2nd-Best
ID

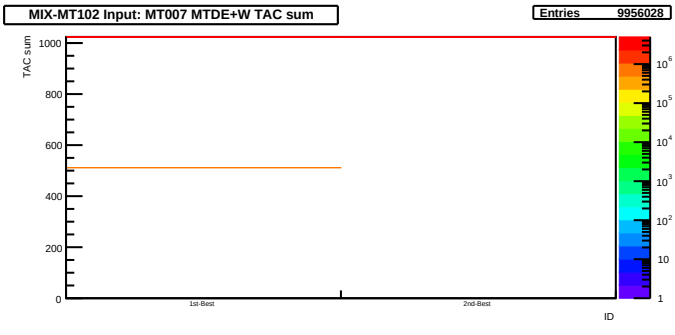

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9956028
TAC sum
1st-Best
2nd-Best
ID

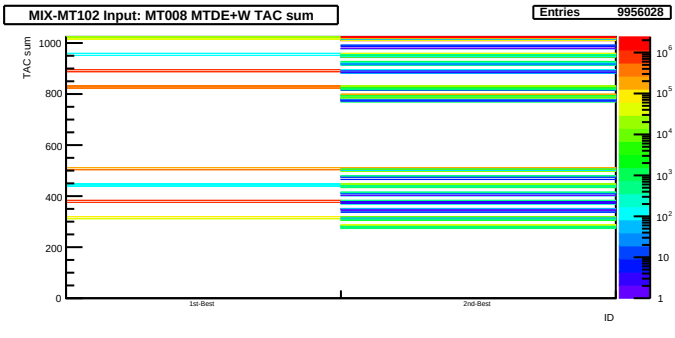

MIX-MT101 Input: VP003 Max TAC
Entries 4978014

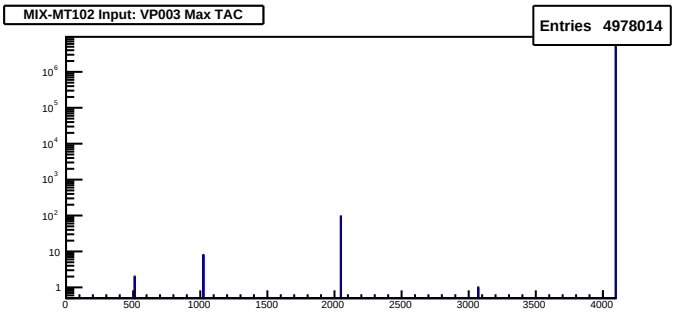

MIX-MT101 Input: VP004 Max TAC
Entries 4978014

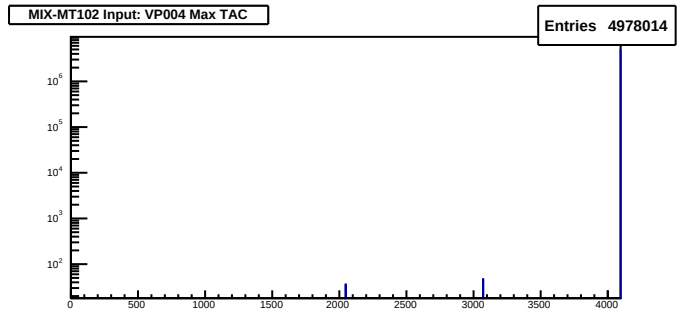

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 9956028
TAC sum
1st-Best
2nd-Best
ID

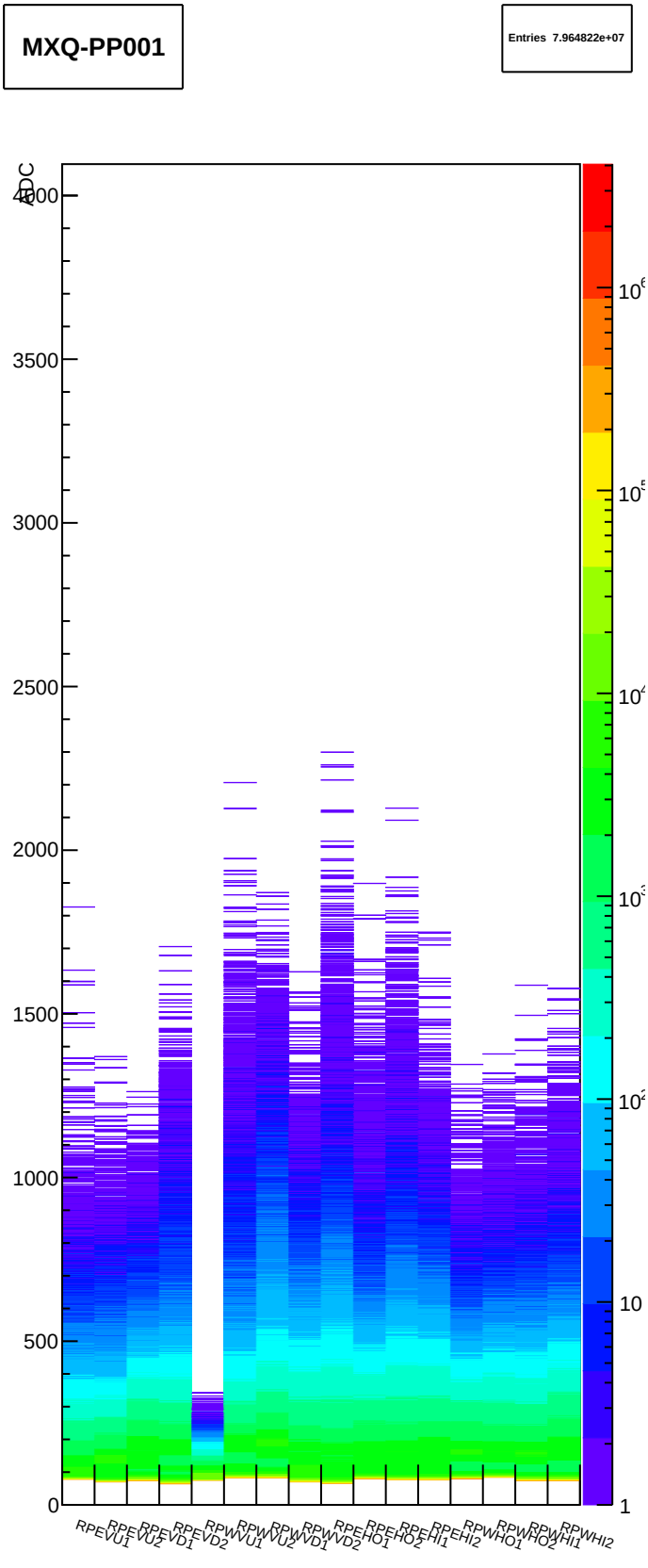

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 9956028
TAC sum
1st-Best
2nd-Best
ID

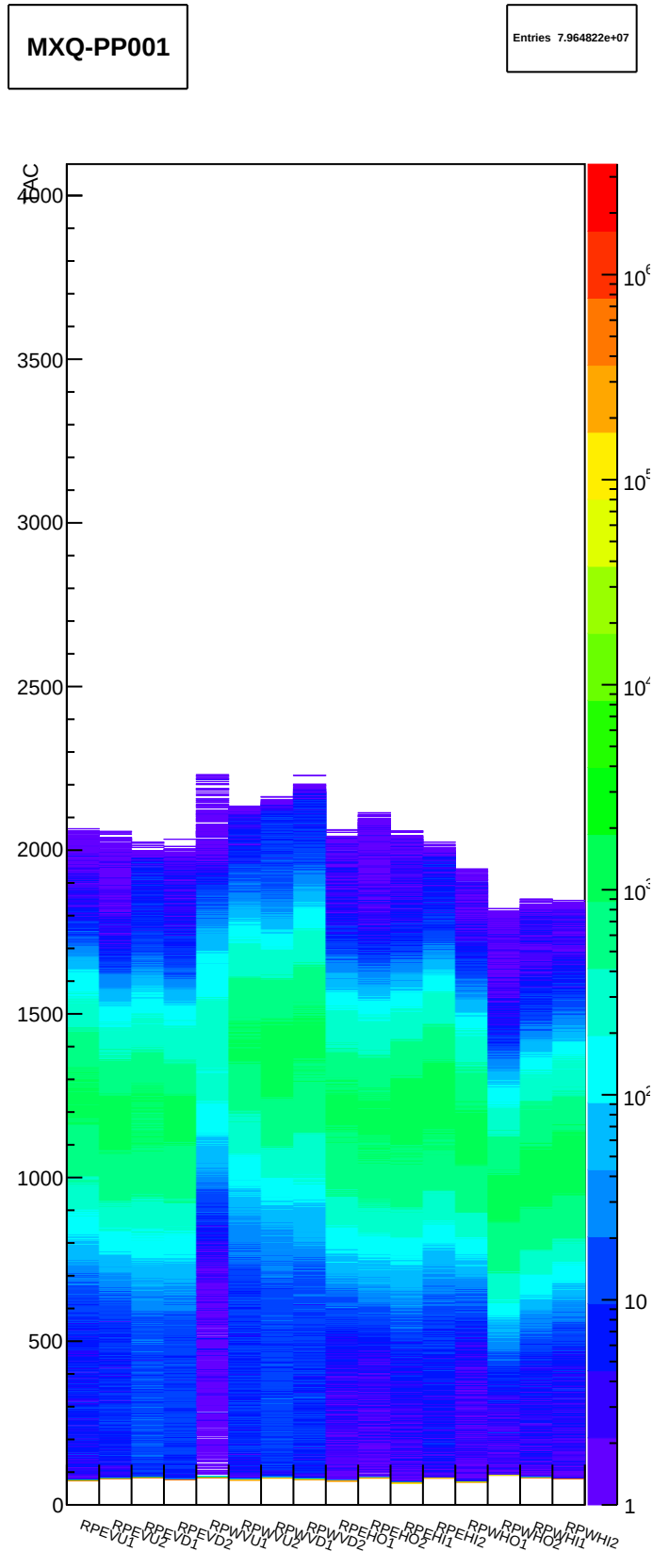

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 9956028
TAC sum
1st-Best
2nd-Best
ID

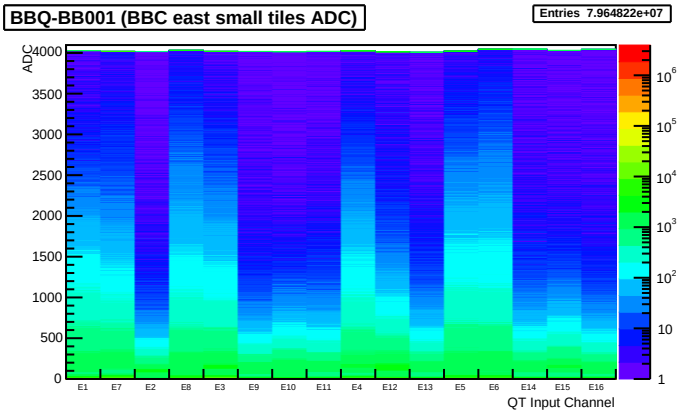

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 9956028
TAC sum
1st-Best
2nd-Best
ID

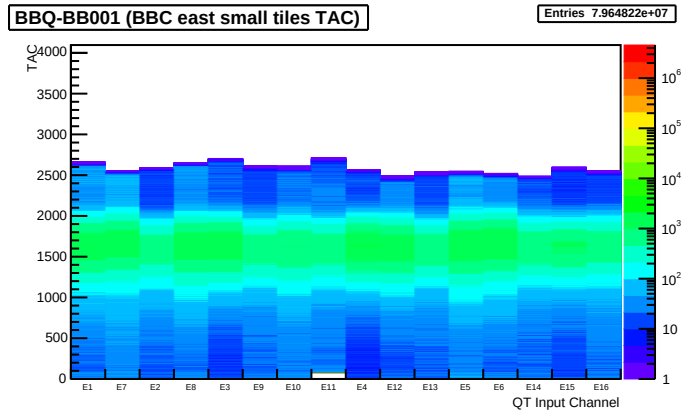

MIX-MT102 Input: VP003 Max TAC
Entries 4978014

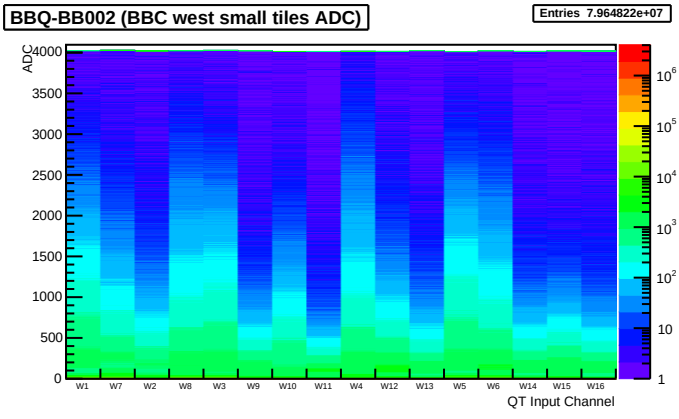

MIX-MT102 Input: VP004 Max TAC
Entries 4978014

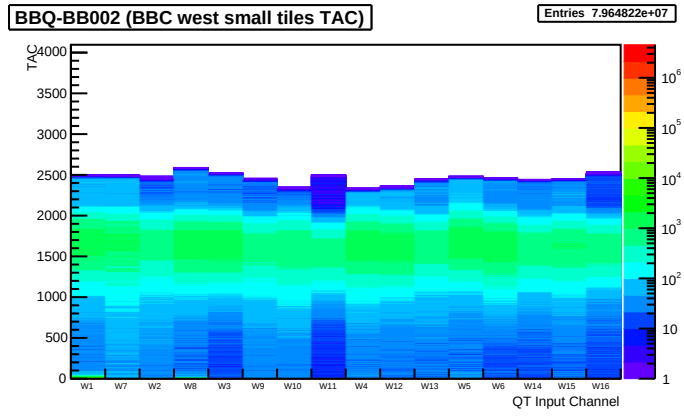

MXQ-PP001
Entries 7.964822e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

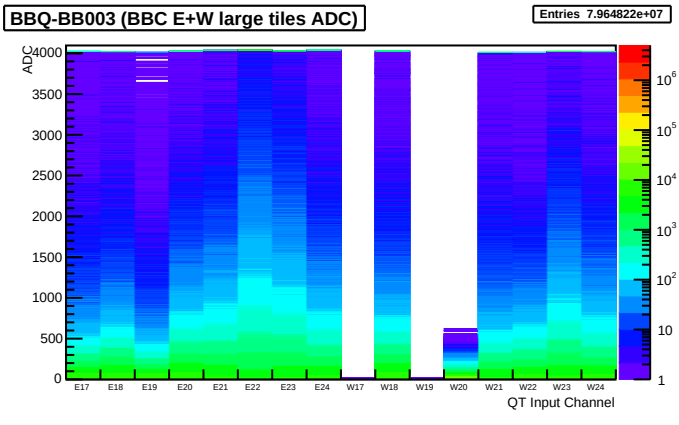

MXQ-PP001
Entries 7.964822e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

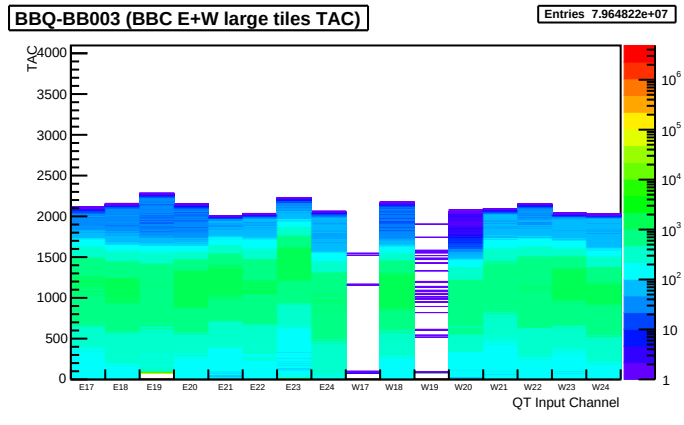

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.964822e+07
ADC
QT Input Channel

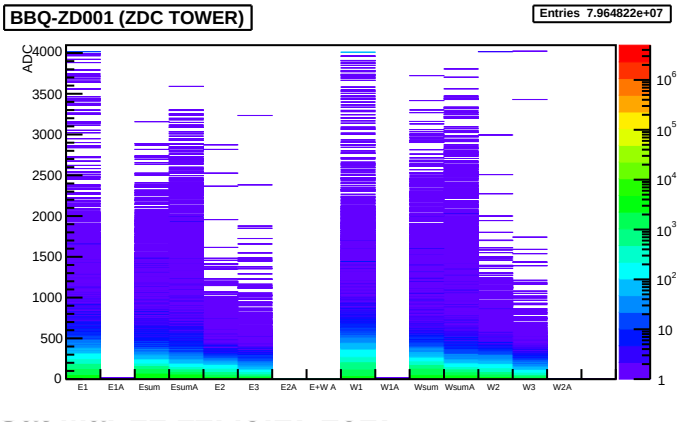

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.964822e+07
TAC
QT Input Channel

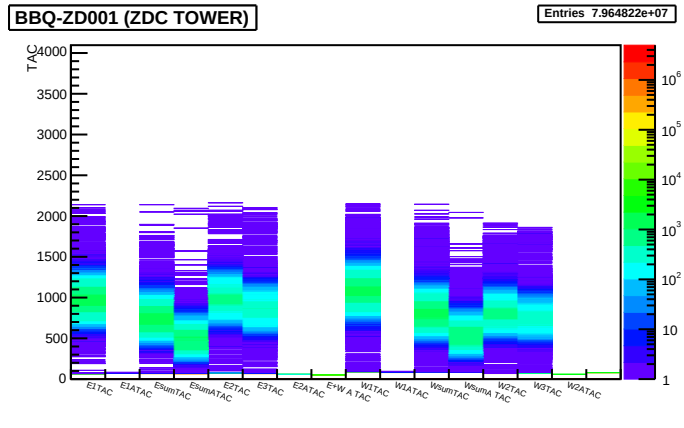

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.964822e+07
ADC
QT Input Channel

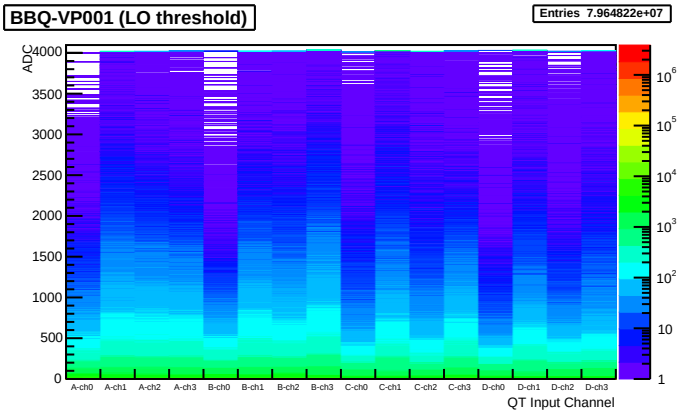

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.964822e+07
TAC
QT Input Channel

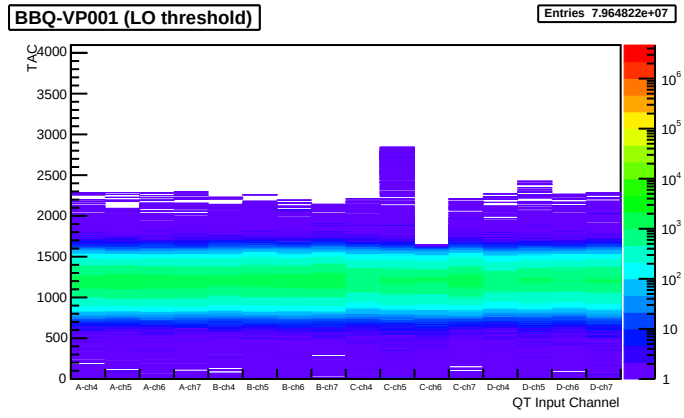

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.964822e+07
ADC
QT Input Channel

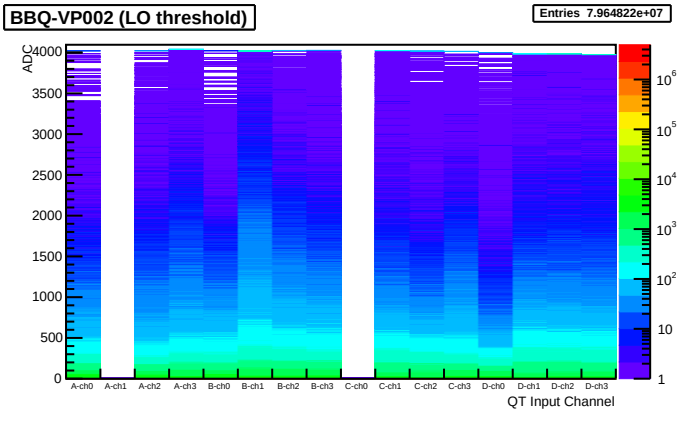

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.964822e+07
TAC
QT Input Channel

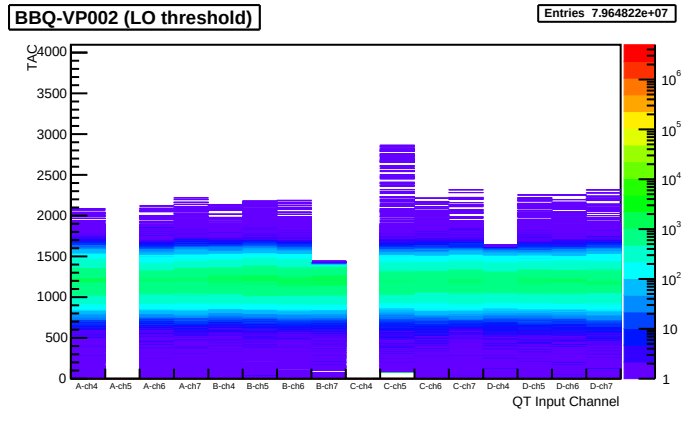

BBQ-ZD001 (ZDC TOWER)
Entries 7.964822e+07
ADC

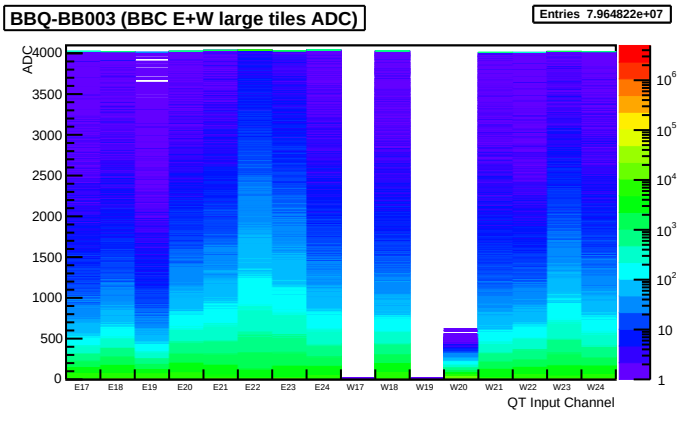

BBQ-ZD001 (ZDC TOWER)
Entries 7.964822e+07
TAC

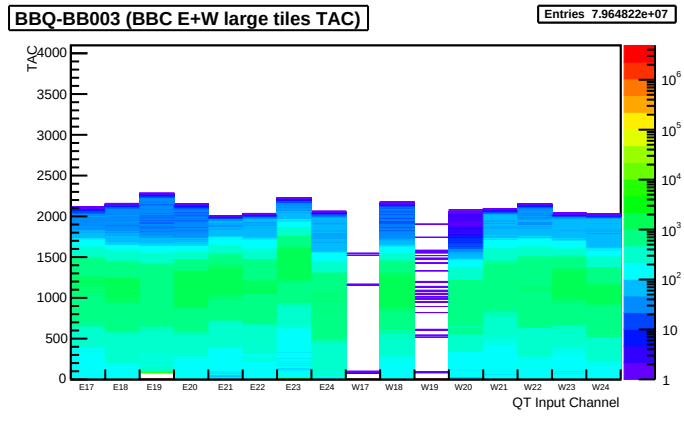

BBQ-VP001 (LO threshold)
Entries 7.964822e+07
ADC
QT Input Channel

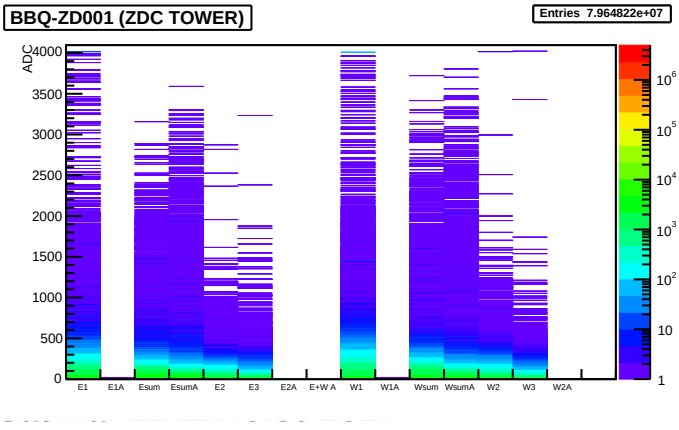

BBQ-VP001 (LO threshold)
Entries 7.964822e+07
TAC
QT Input Channel

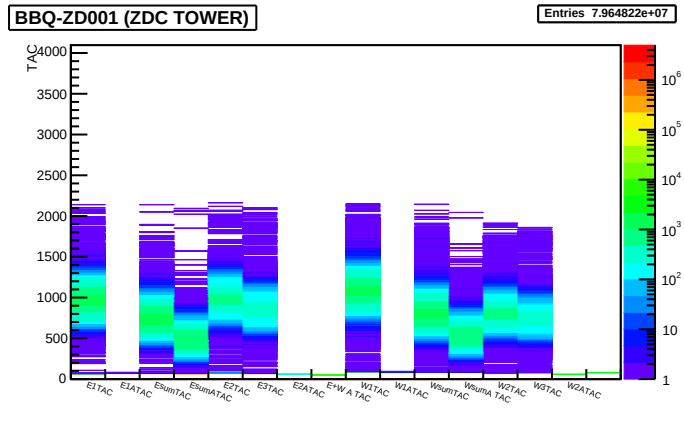

BBQ-VP002 (LO threshold)
Entries 7.964822e+07
ADC
QT Input Channel

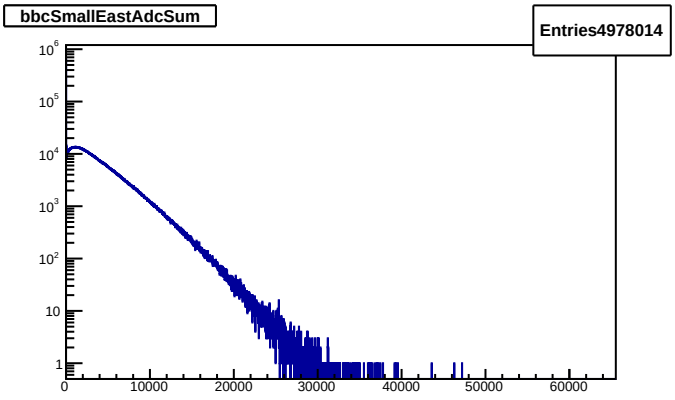

BBQ-VP002 (LO threshold)
Entries 7.964822e+07
TAC
QT Input Channel

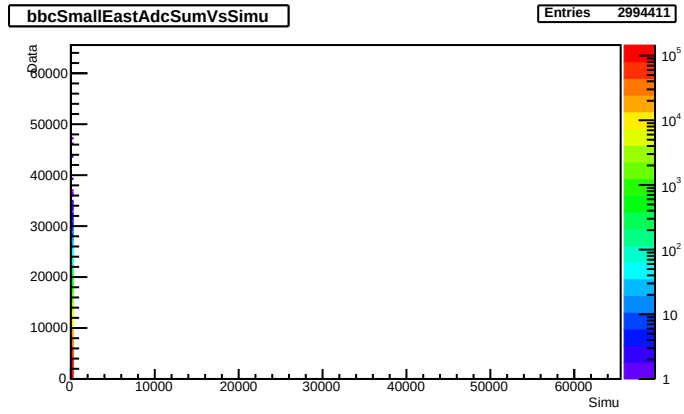

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.964822e+07
ADC
QT Input Channel

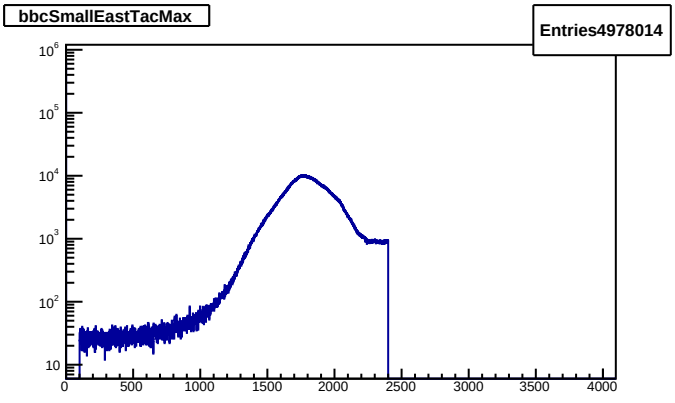

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.964822e+07
TAC
QT Input Channel

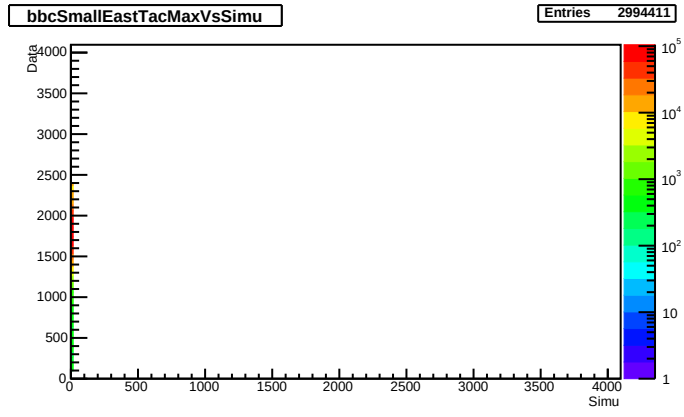

BBQ-ZD001 (ZDC TOWER)
Entries 7.964822e+07
ADC

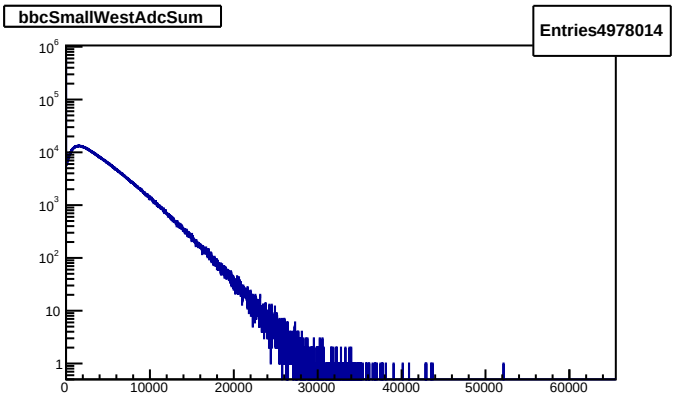

BBQ-ZD001 (ZDC TOWER)
Entries 7.964822e+07
TAC

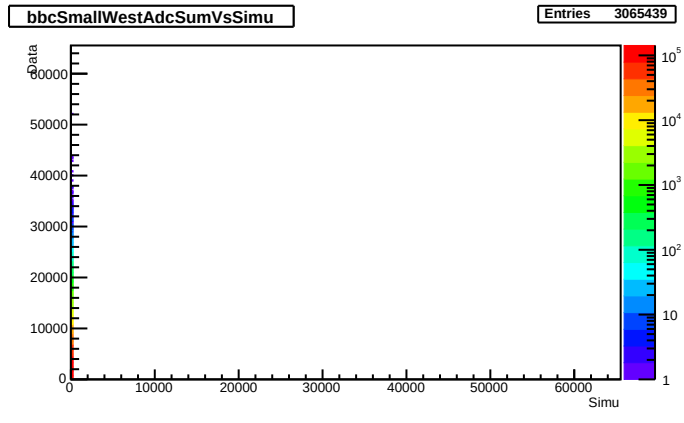

bbcSmallEastAdcSum
Entries4978014

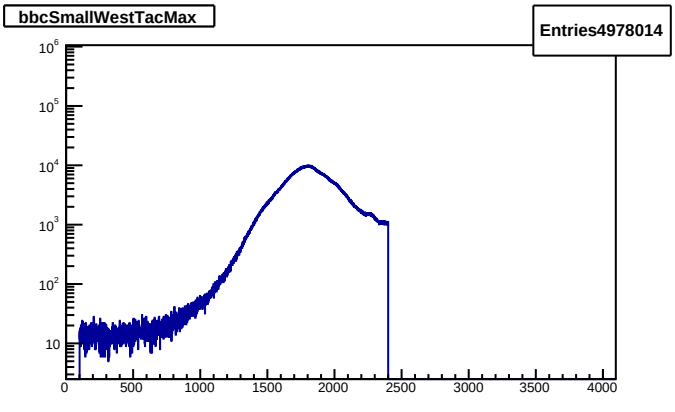

bbcSmallEastAdcSumVsSimu
Entries 2994411
Data
Simu

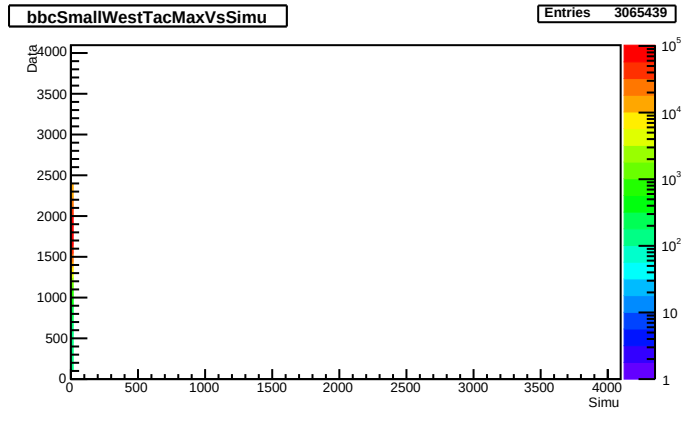

bbcSmallEastTacMax
Entries4978014

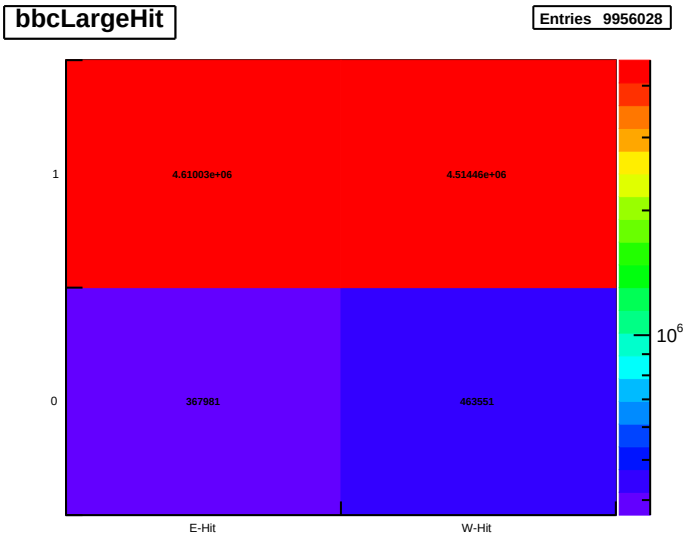

bbcSmallEastTacMaxVsSimu
Entries 2994411
Data
Simu

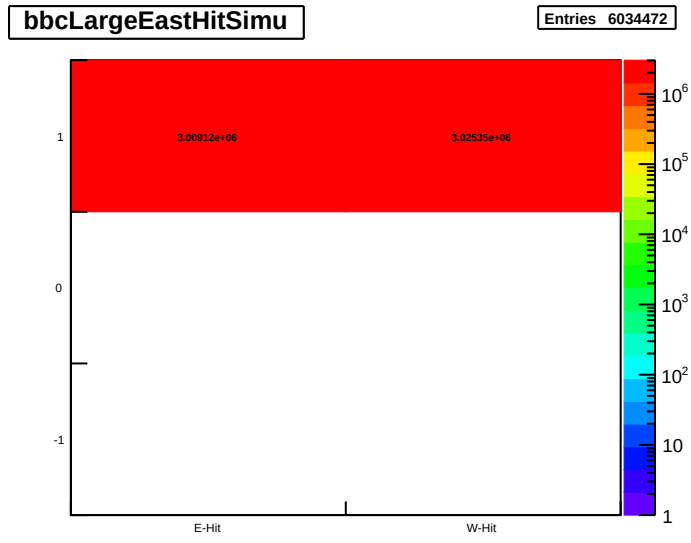

bbcSmallWestAdcSum
Entries4978014

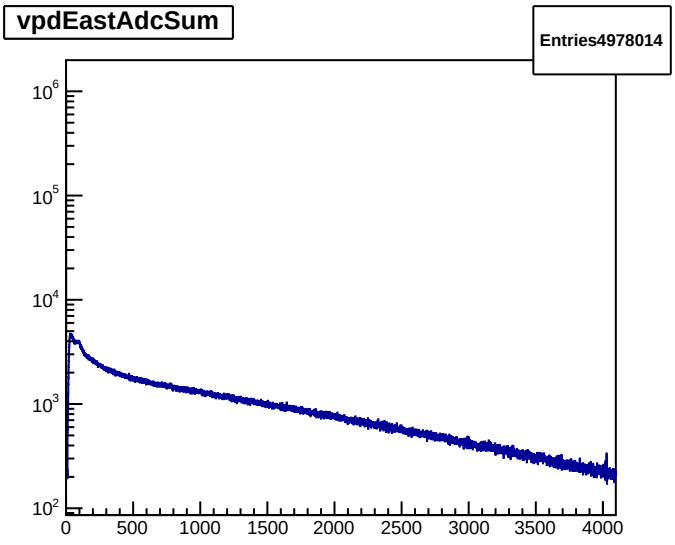

bbcSmallWestAdcSumVsSimu
Entries 3065439
Data
Simu

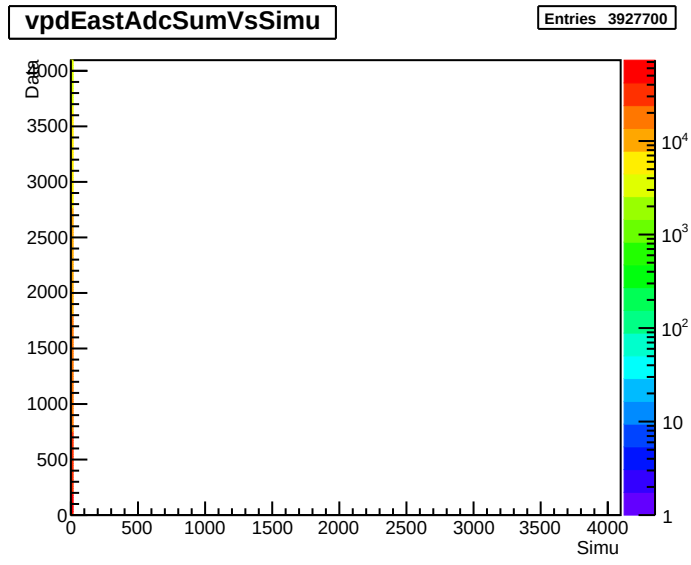

bbcSmallWestTacMax
Entries4978014

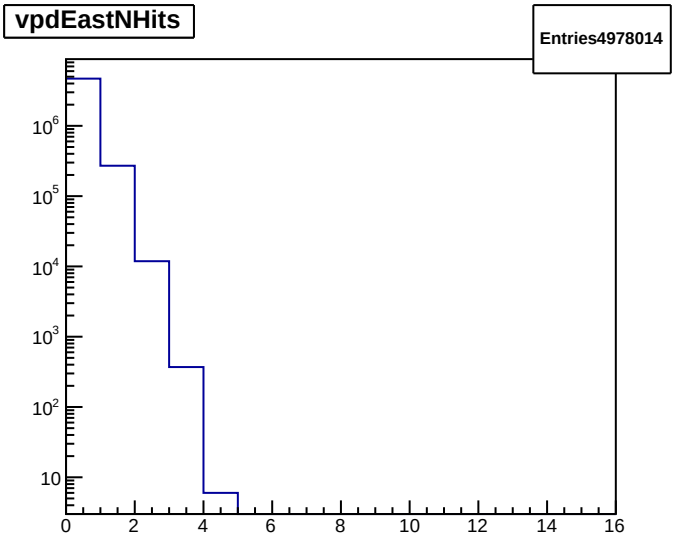

bbcSmallWestTacMaxVsSimu
Entries 3065439
Data
Simu

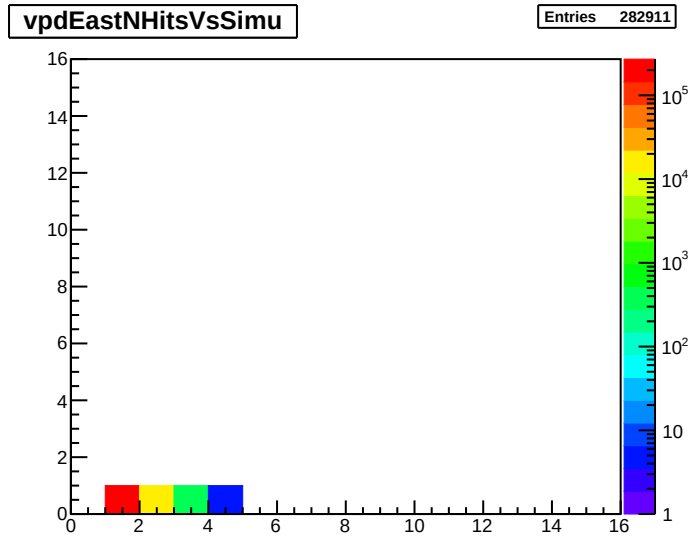

bbcLargeHit
Entries 9956028
4.61003e+06
4.51446e+06
367981
463551
1
0
E-Hit
W-Hit
10^6

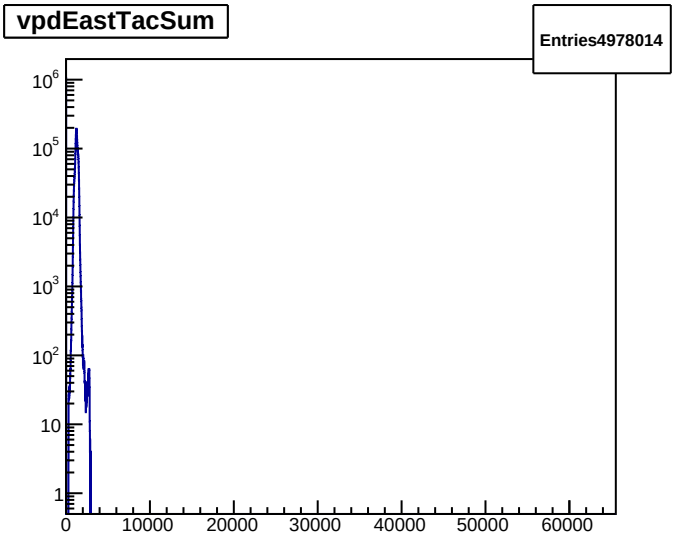

bbcLargeEastHitSimu
Entries 6034472
3.00912e+06
3.02535e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

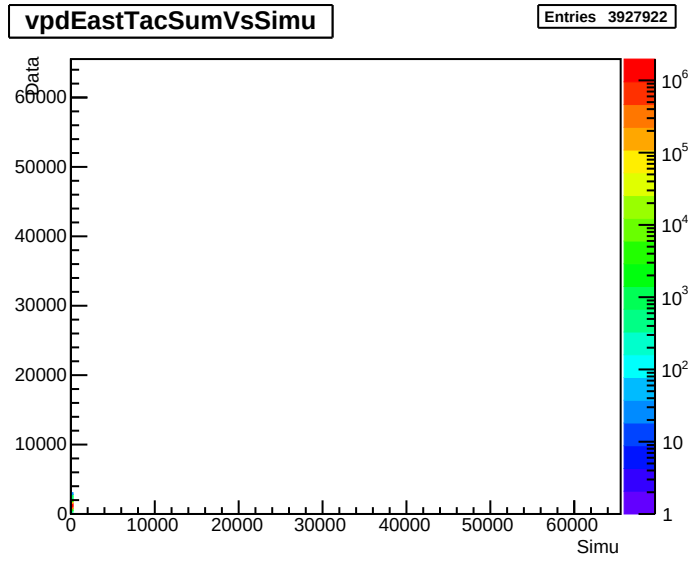

vpdEastAdcSum
Entries4978014

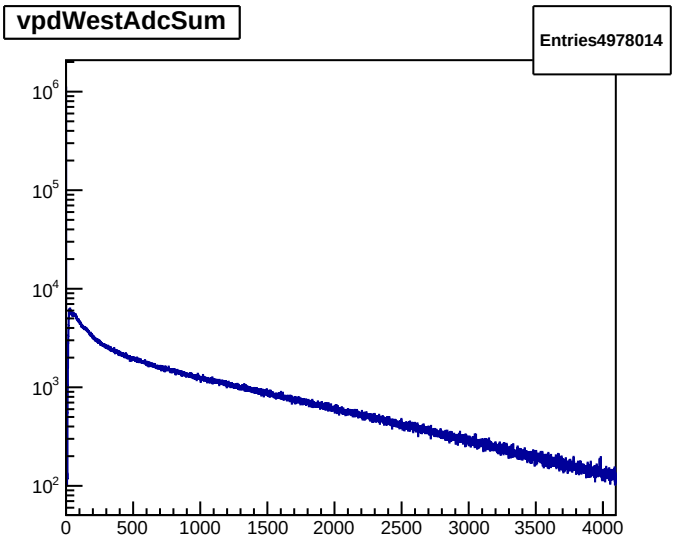

vpdEastAdcSumVsSimu
Entries 3927700
Data
Simu

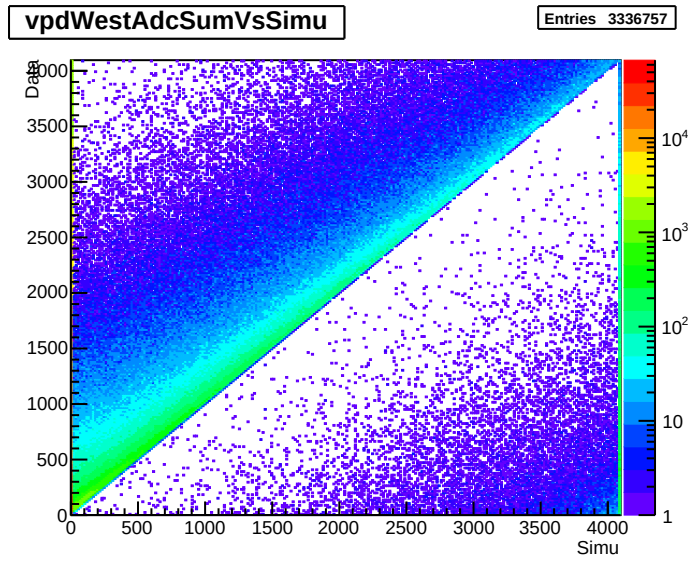

vpdEastNHits
Entries4978014

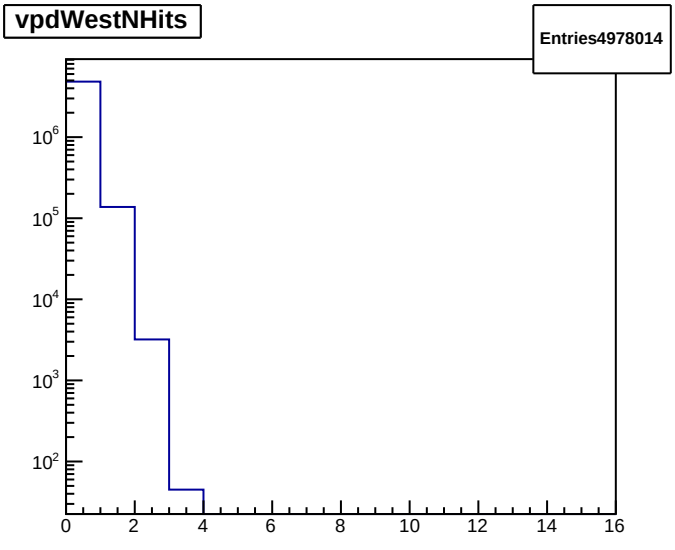

vpdEastNHitsVsSimu
Entries 282911

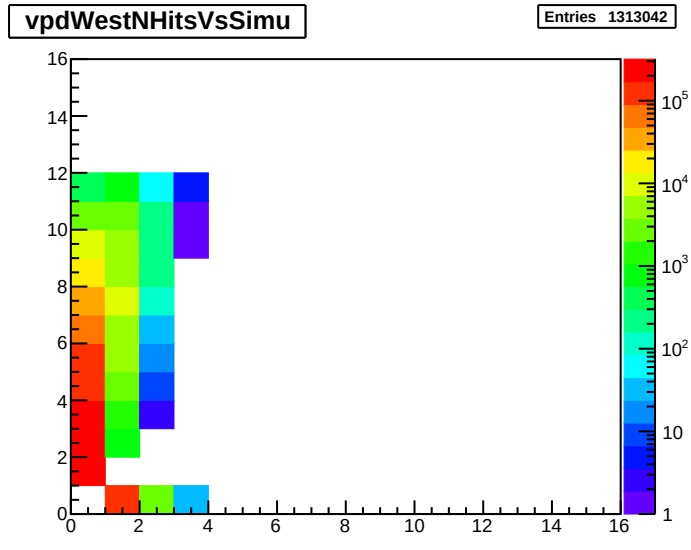

vpdEastTacSum
Entries4978014

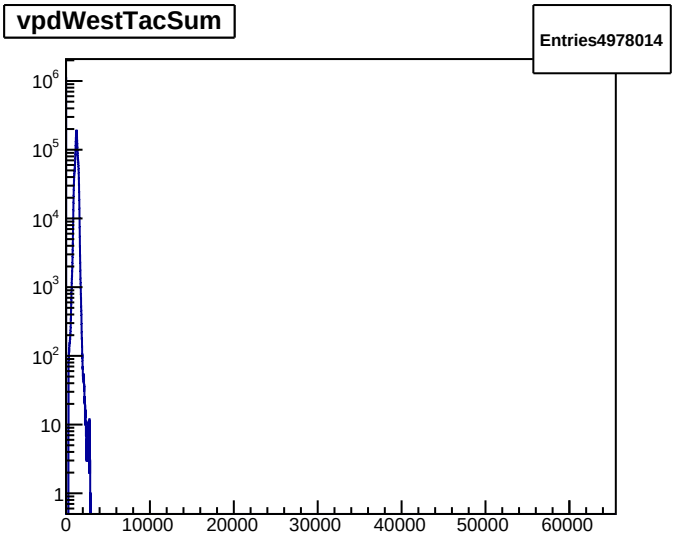

vpdEastTacSumVsSimu
Entries 3927922
Data
Simu

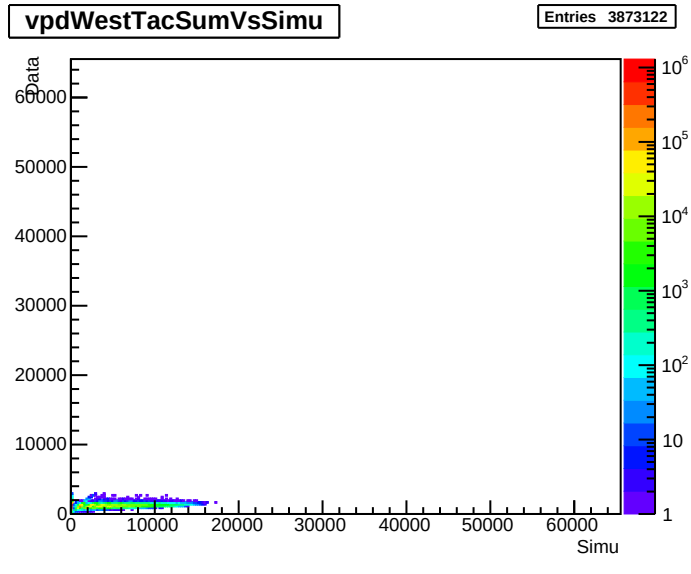

vpdWestAdcSum
Entries4978014

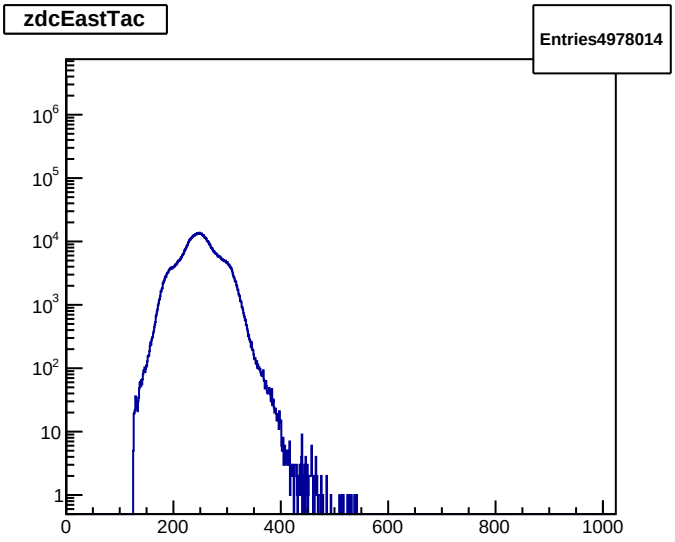

vpdWestAdcSumVsSimu
Entries 3336757
Data
Simu

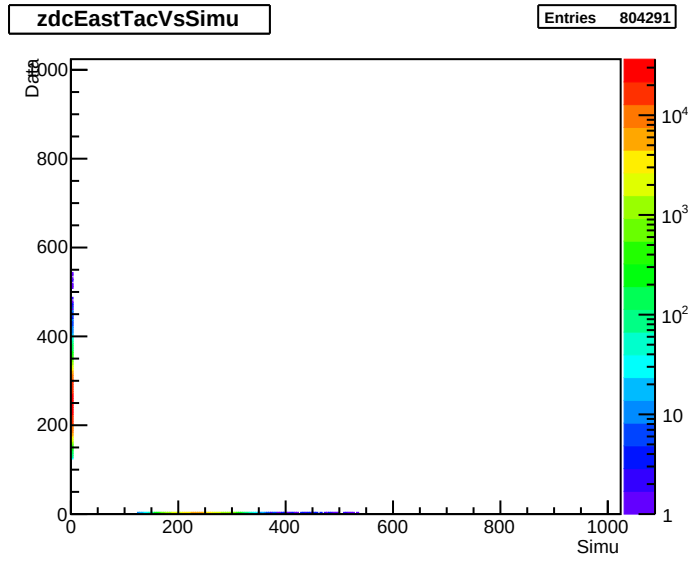

vpdWestNHits
Entries4978014

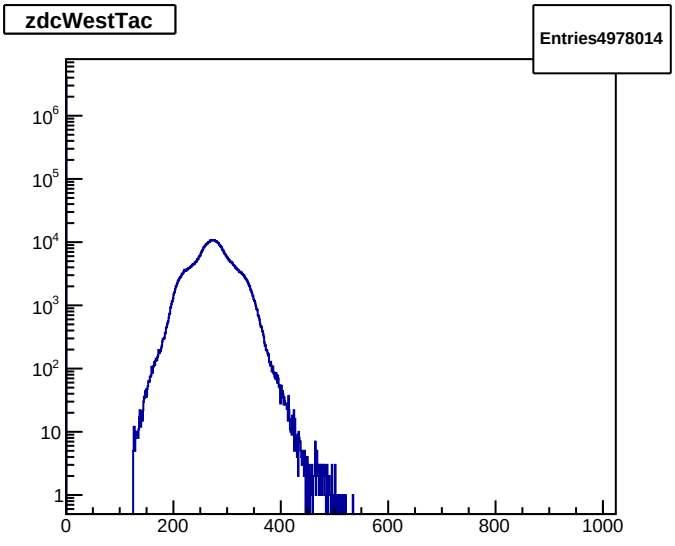

vpdWestNHitsVsSimu
Entries 1313042

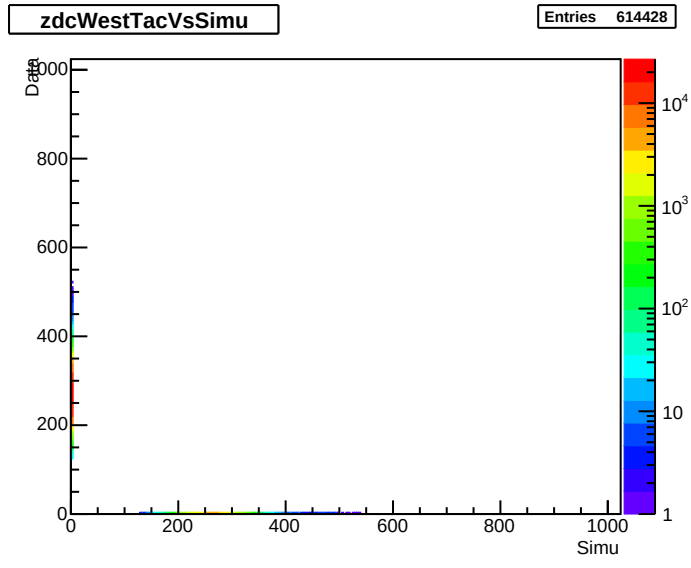

vpdWestTacSum
Entries4978014

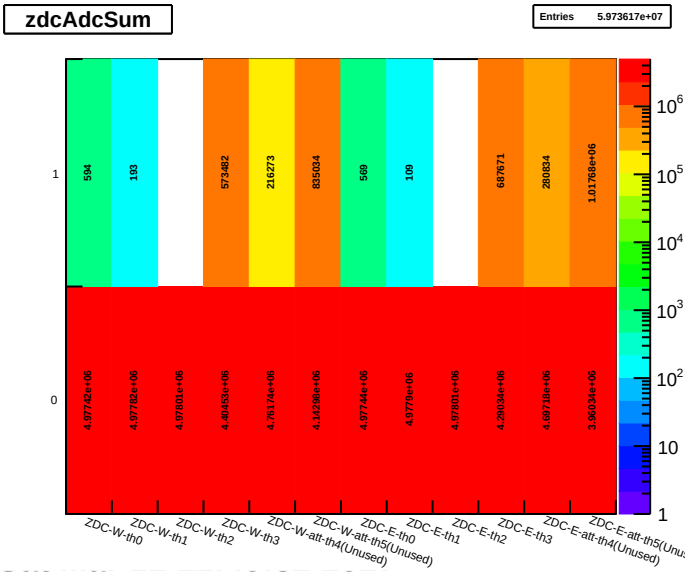

vpdWestTacSumVsSimu
Entries 3873122
Data
Simu

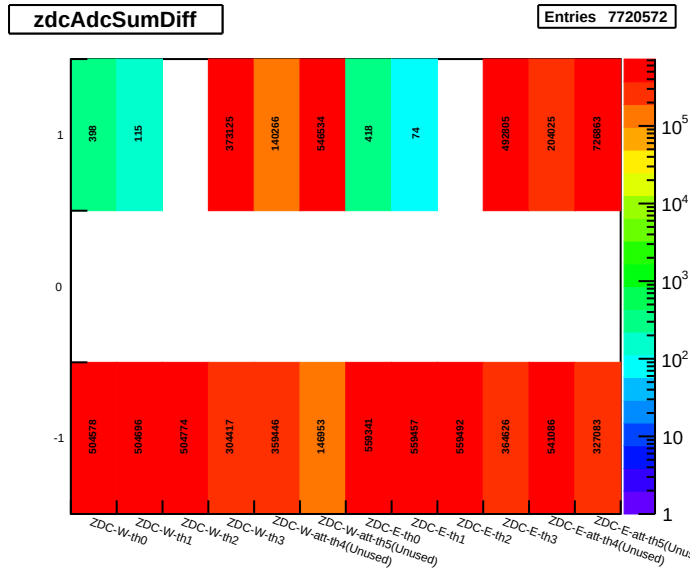

zdcEastTac
Entries4978014

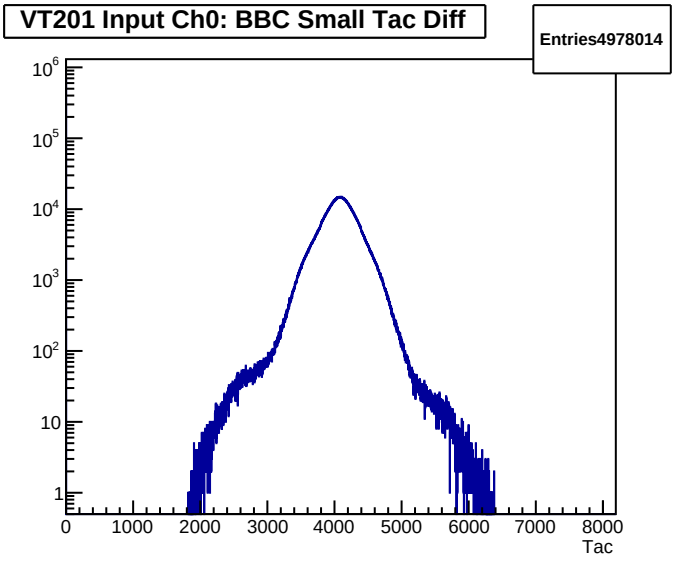

zdcEastTacVsSimu
Entries 804291
Data
Simu

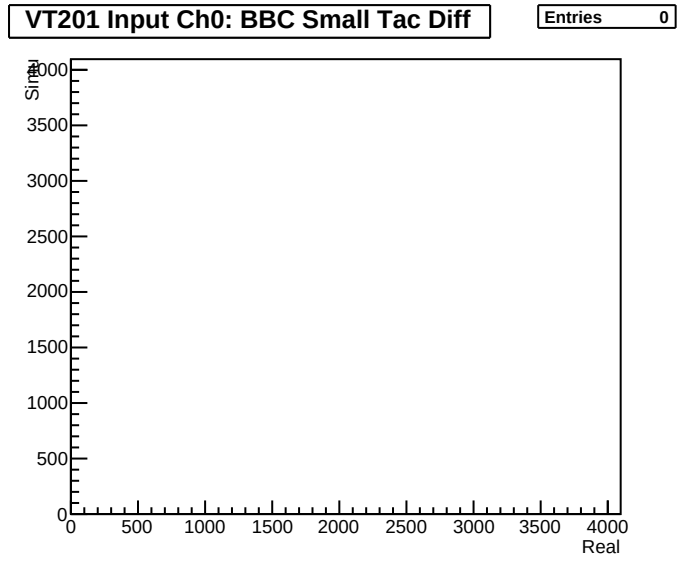

zdcWestTac
Entries4978014

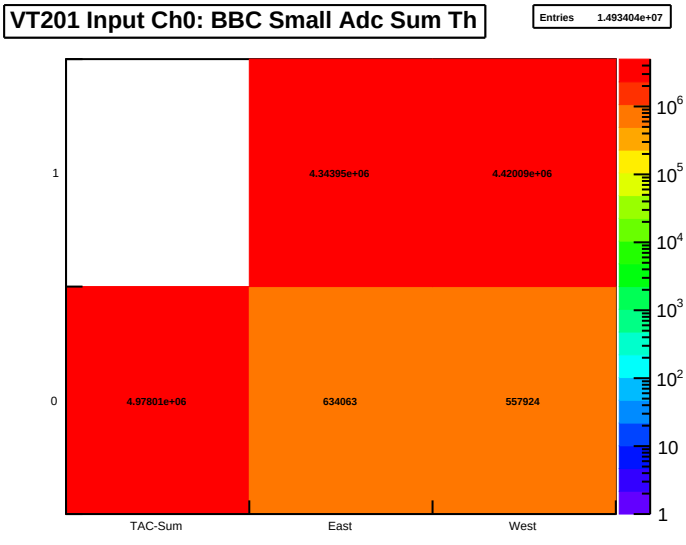

zdcWestTacVsSimu
Entries 614428
Data
Simu

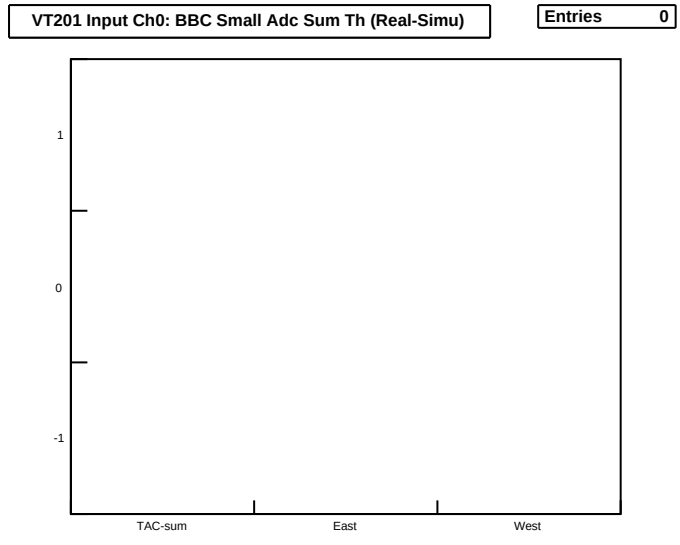

zdcAdcSum
Entries 5.973617e+07
594
193
573482
216273
835034
569
109
687671
280834
1.01768e+06
4.97742e+06
4.97782e+06
4.97801e+06
4.40453e+06
4.76174e+06
4.14298e+06
4.97744e+06
4.9779e+06
4.97801e+06
4.29034e+06
4.69718e+06
3.96034e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

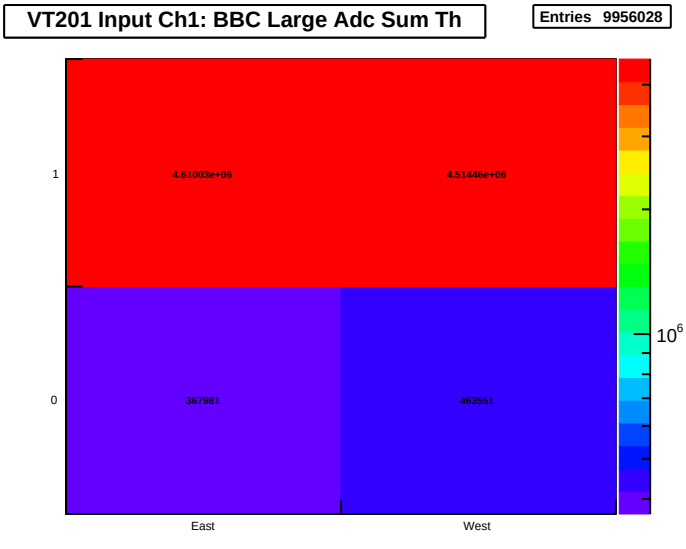

zdcAdcSumDiff
Entries 7720572
398
115
373125
140266
546534
418
74
492805
204025
726863
504578
504696
504774
304417
359446
148953
559341
559457
559492
364626
541086
327083
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

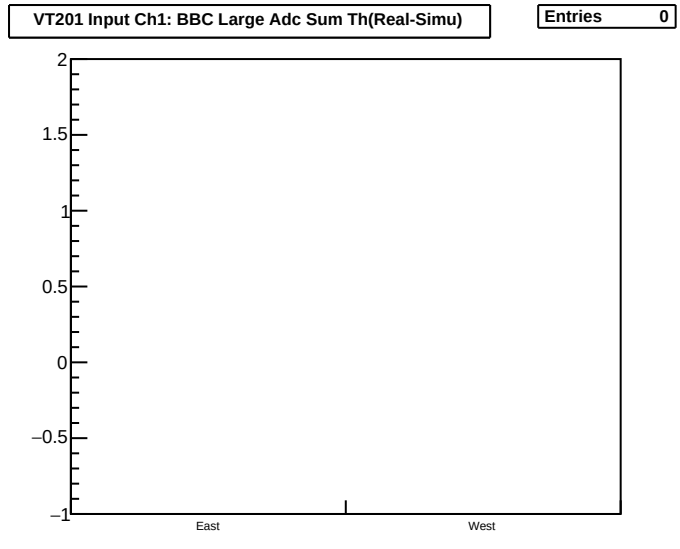

VT201 Input Ch0: BBC Small Tac Diff
Entries4978014
Tac


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

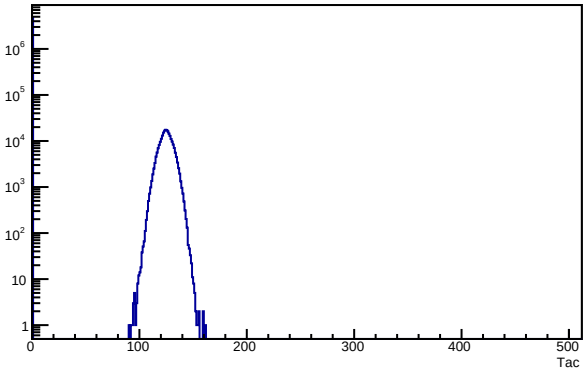

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.493404e+07
4.34395e+06
4.42009e+06
4.97801e+06
634063
557924
TAC-Sum
East
West


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

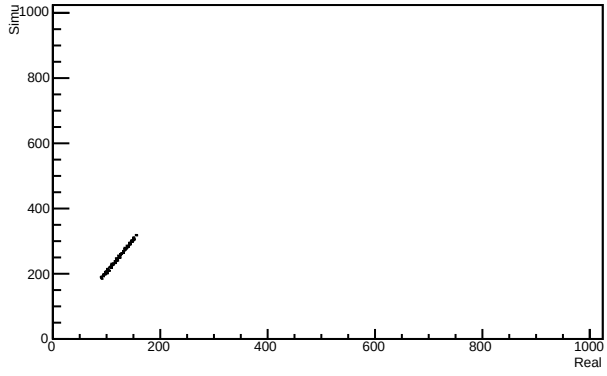

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9956028
4.61003e+06
4.51446e+06
367981
463551
East
West


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

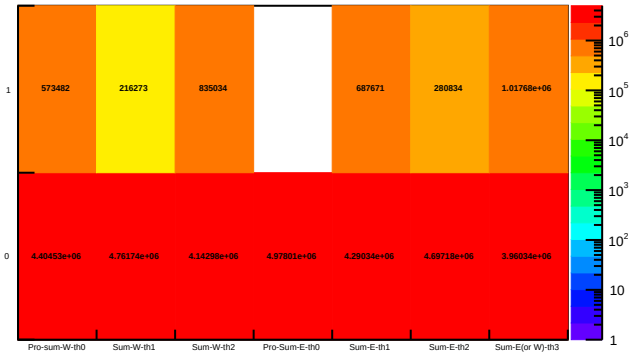
VT201 Input Ch2: ZDC Tac Diff



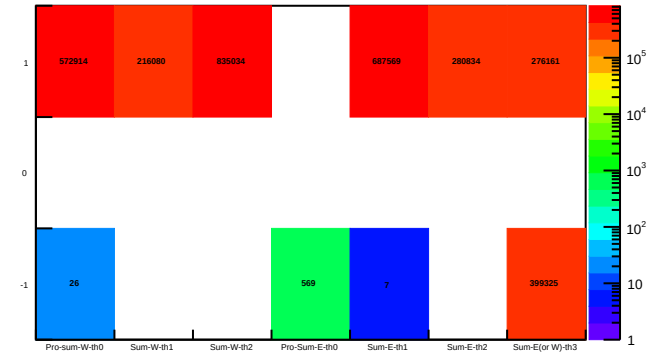
VT201 Input Ch2: ZDC Tac Diff



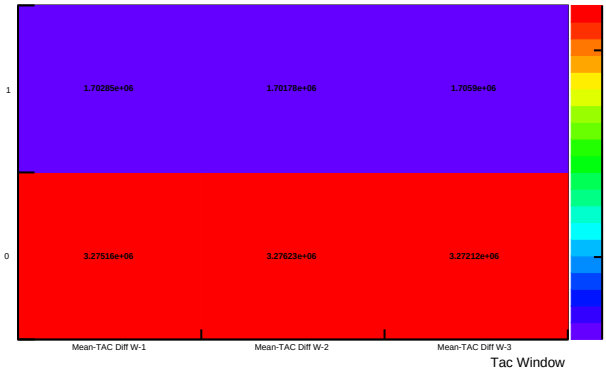
VT201 Input Ch2: ZDC Adc Sum Th



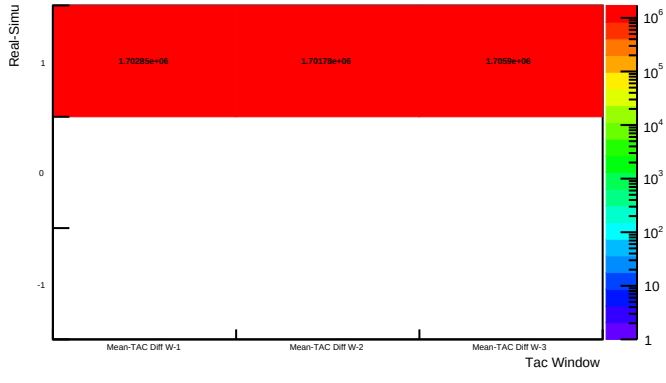
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



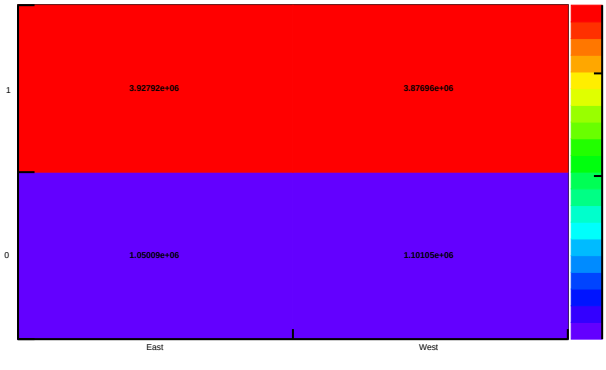
VT201 Input Ch4: VPD Tac Diff



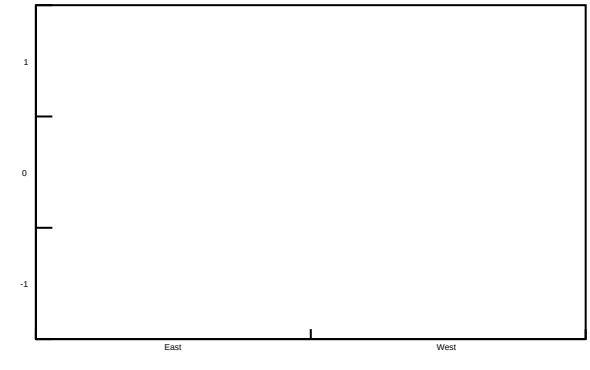
VT201 Input Ch4: VPD Tac Diff

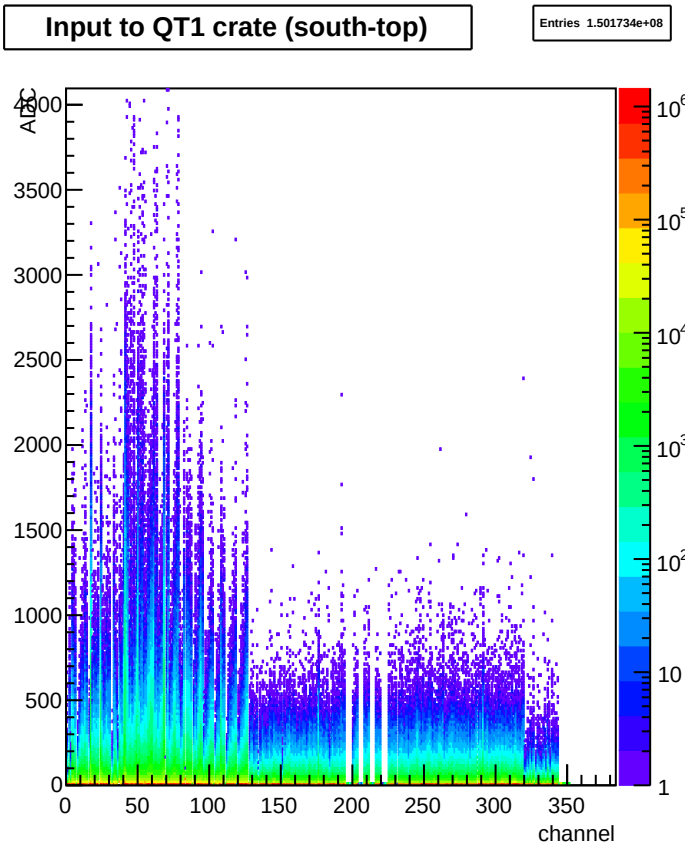


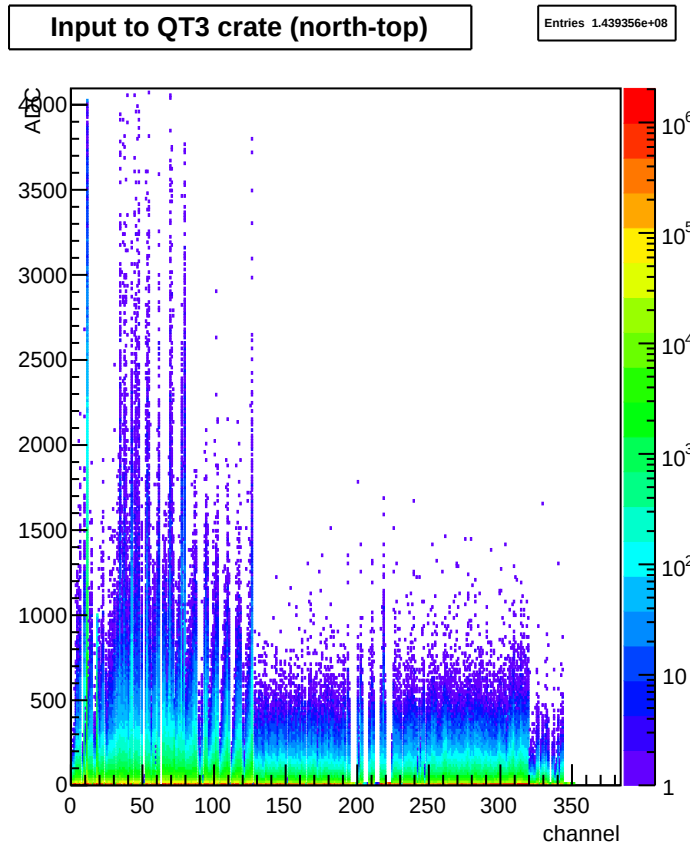
VT201 Input Ch4: VPD Adc Sum Th

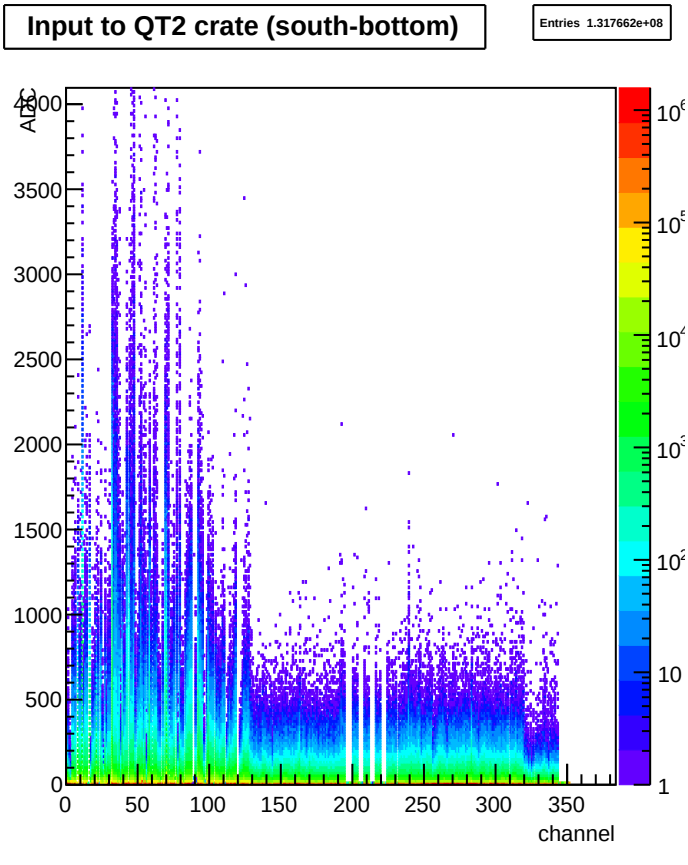


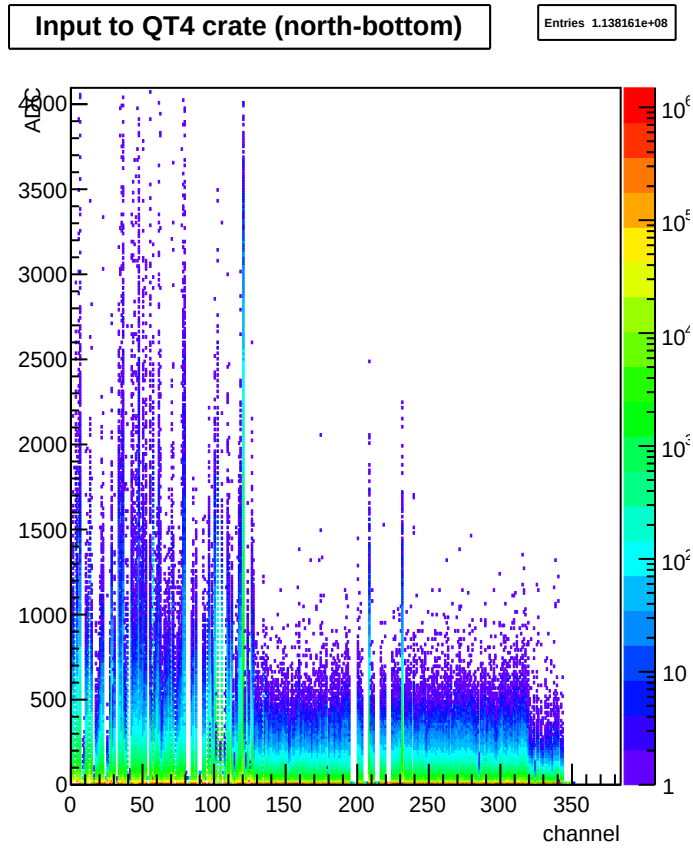
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

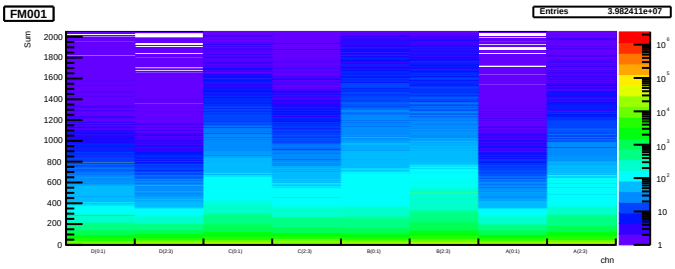


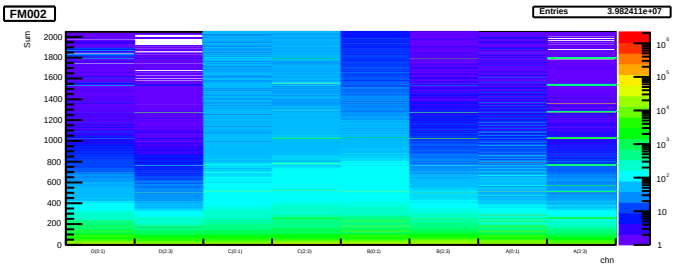

Input to QT1 crate (south-top)
Entries 1.501734e+08
ADC
channel

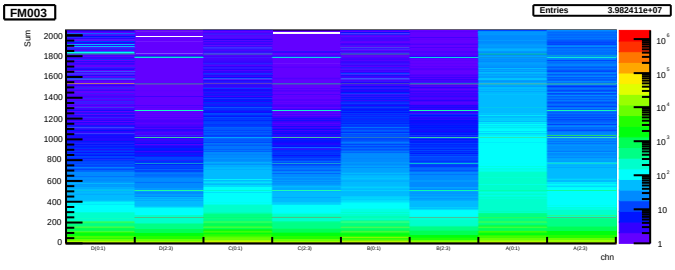

Input to QT3 crate (north-top)
Entries 1.439356e+08
ADC
channel

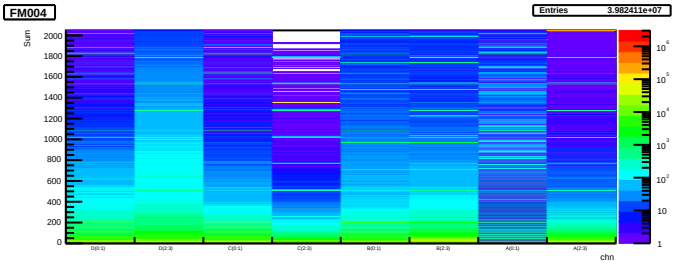

Input to QT2 crate (south-bottom)
Entries 1.317662e+08
ADC
channel

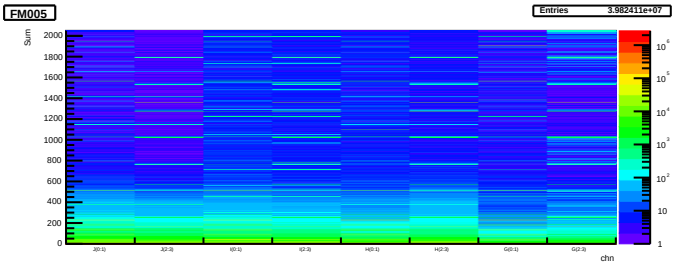

Input to QT4 crate (north-bottom)
Entries 1.138161e+08
ADC
channel

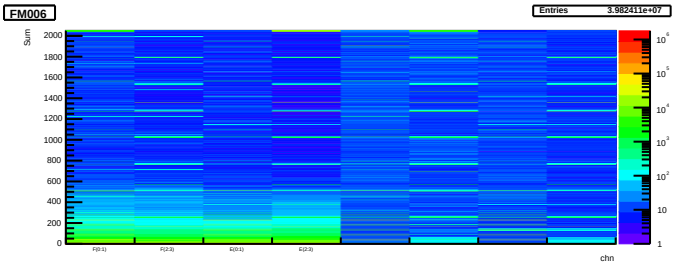

FM001
Entries 3.982411e+07
Sum
chn

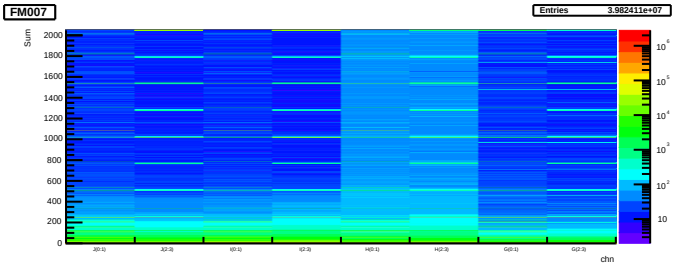

FM002
Entries 3.982411e+07
Sum
chn

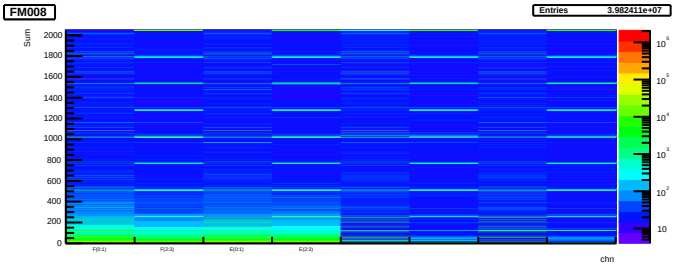

FM003
Entries 3.982411e+07
Sum
chn

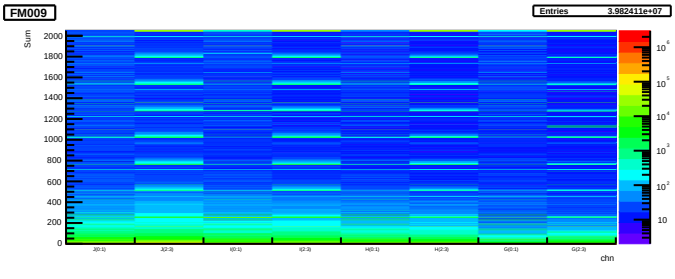

FM004
Entries 3.982411e+07
Sum
chn


FM005
Entries 3.982411e+07
Sum
chn


FM006
Entries 3.982411e+07
Sum
chn


FM007
Entries 3.982411e+07
Sum
chn


FM008
Entries 3.982411e+07
Sum
chn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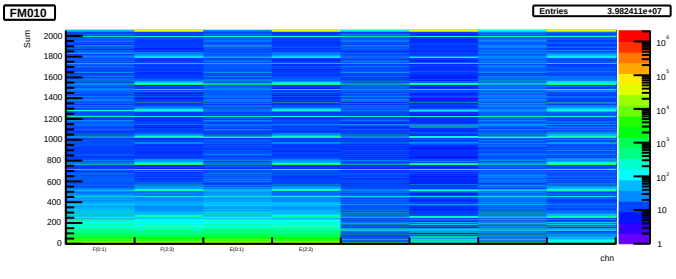
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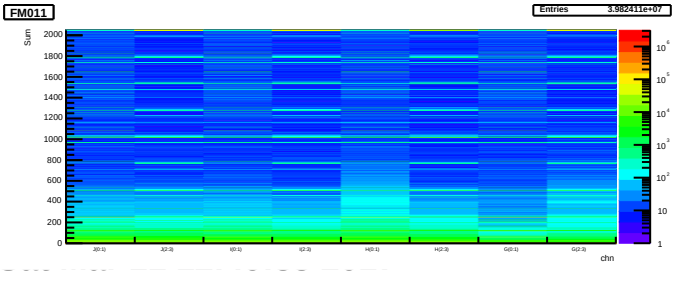
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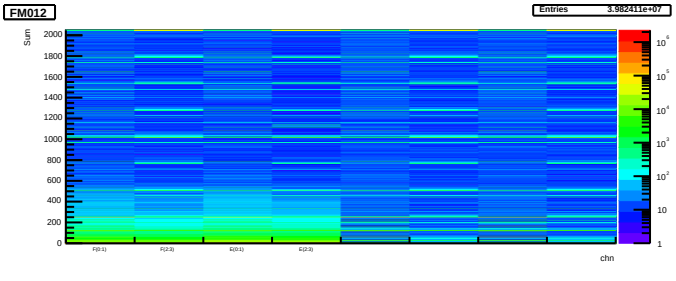
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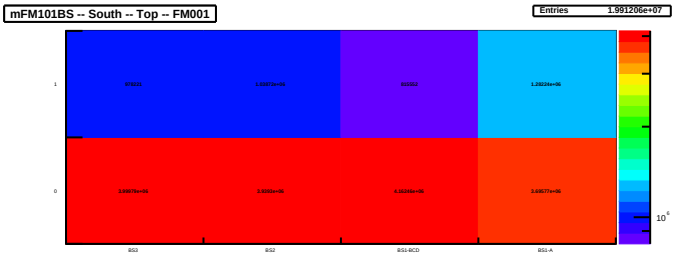
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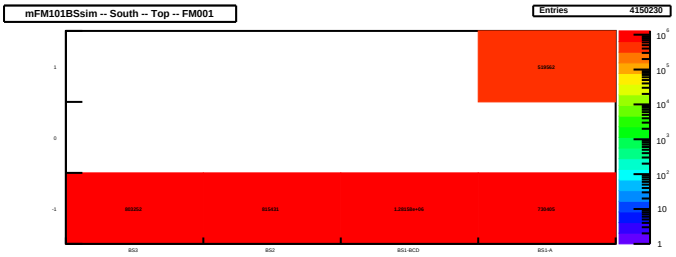
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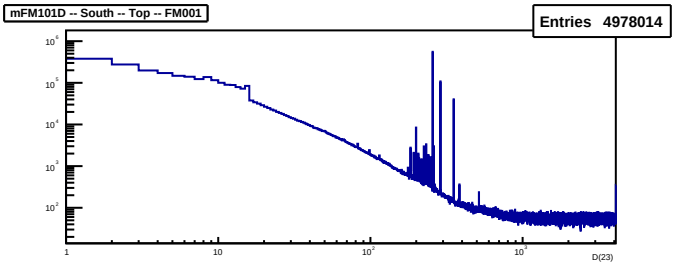
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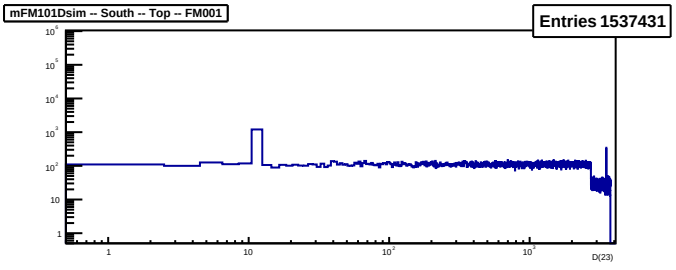
D(23)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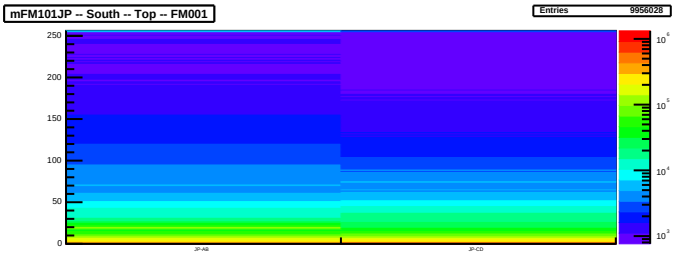
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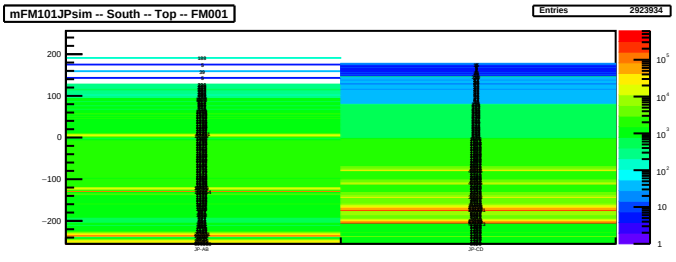
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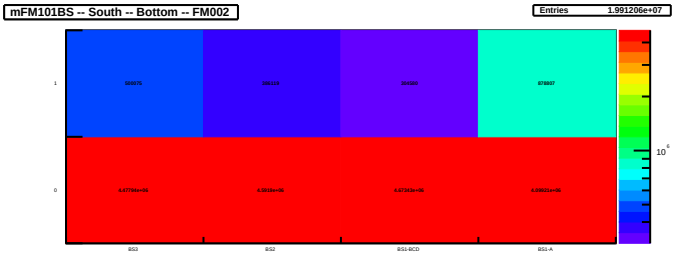
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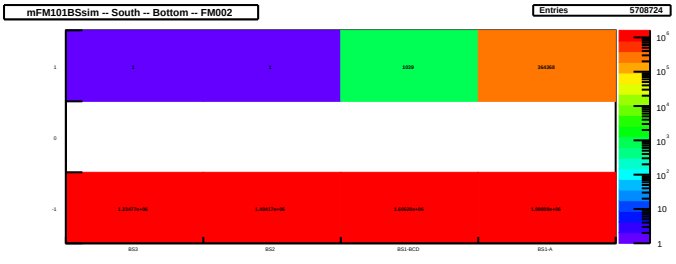
Entries 1.991206e+07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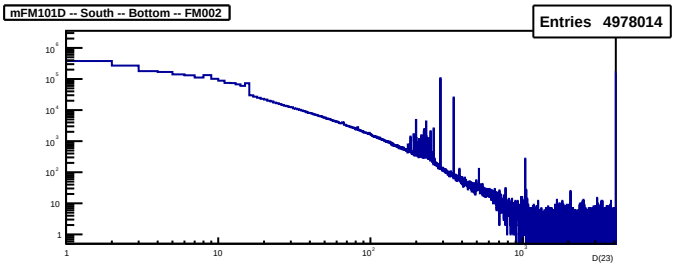
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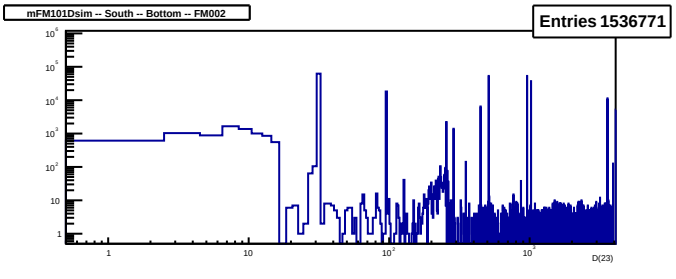
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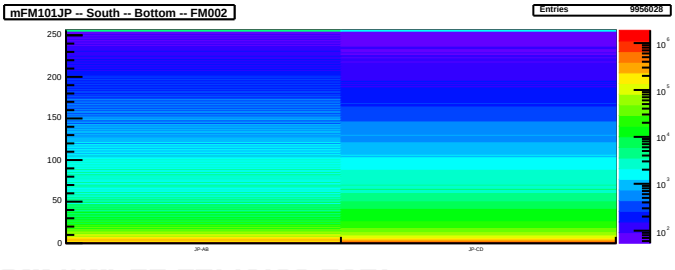
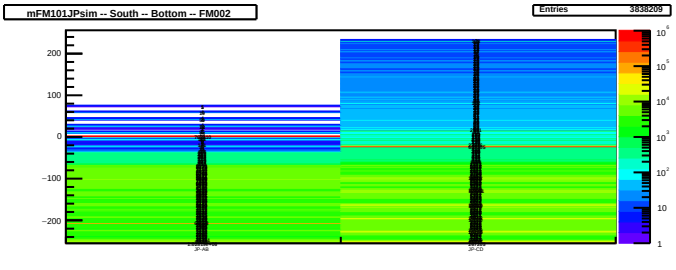

mFM101JP -- South -- Bottom -- FM002
Entries 9956028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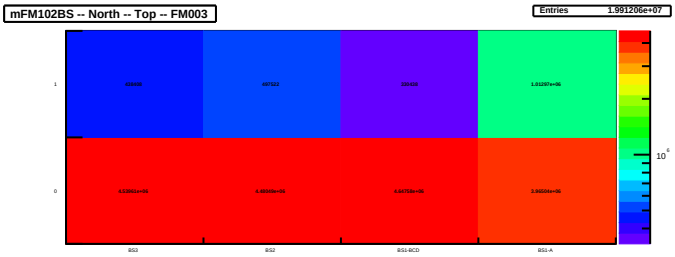
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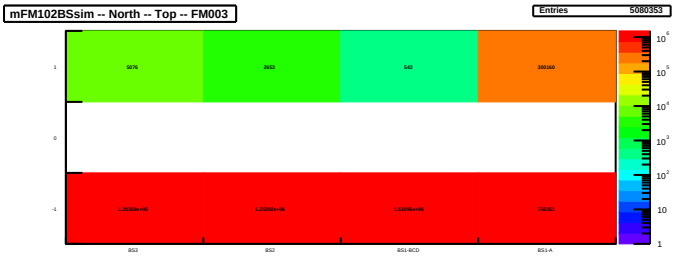
Entries 1.991206e+07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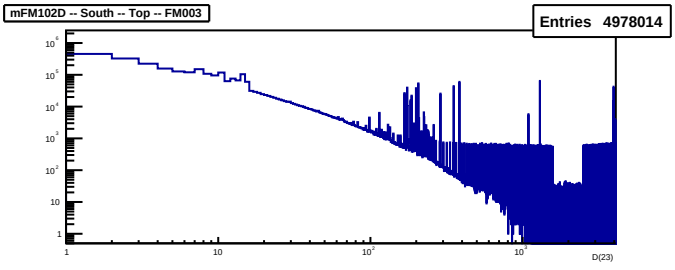
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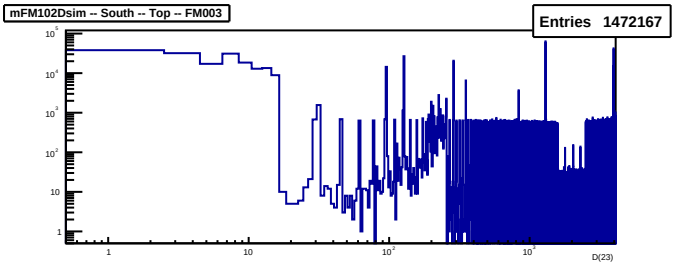
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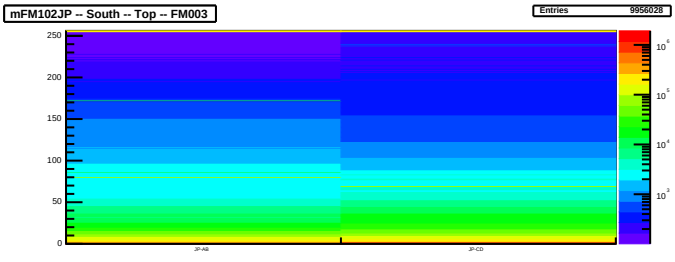
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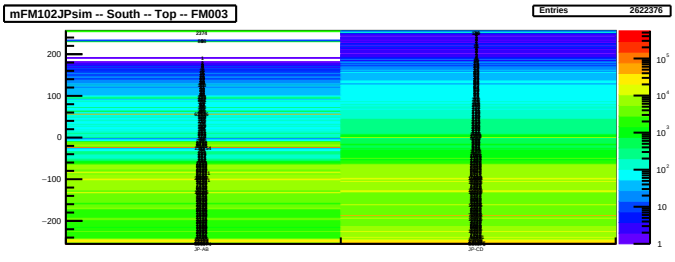
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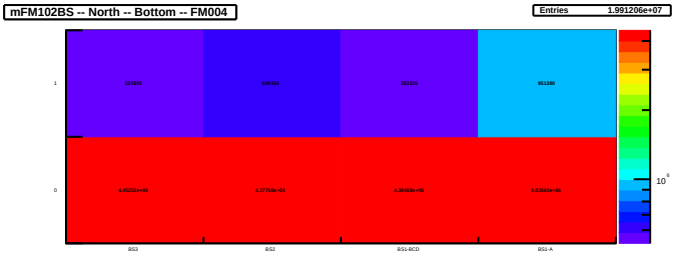
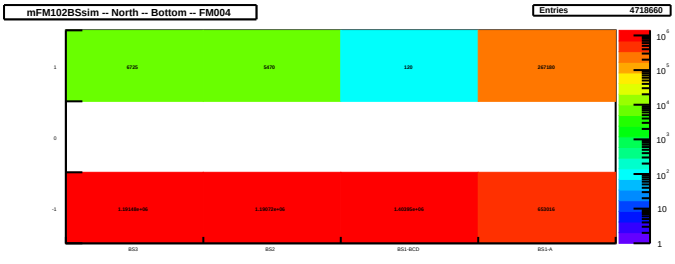

mFM102BS -- North -- Bottom -- FM004
Entries 1.991206e+07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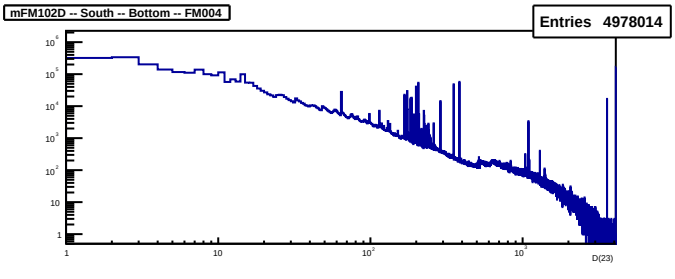
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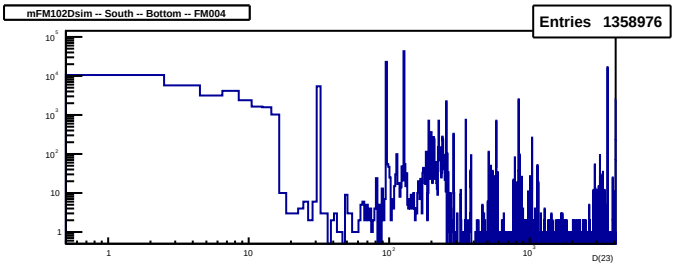
Entries 4978014
D(23)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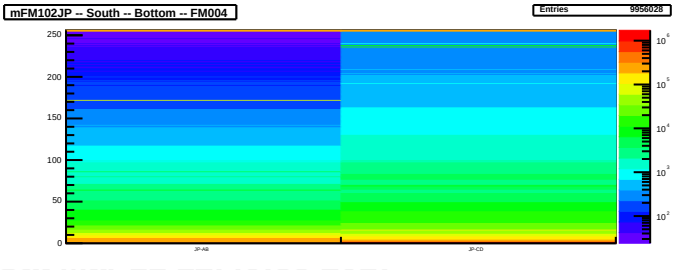
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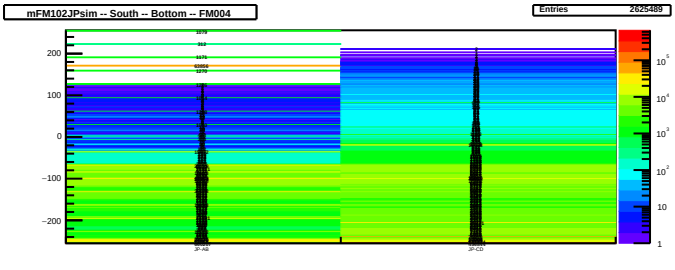
Entries 9956028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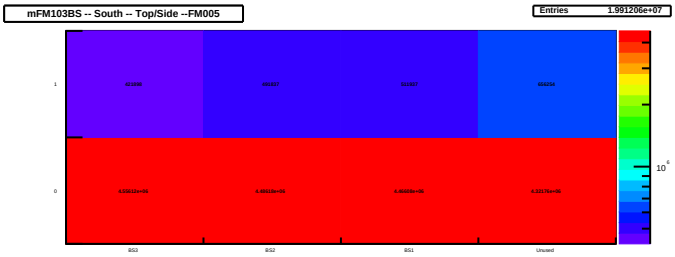
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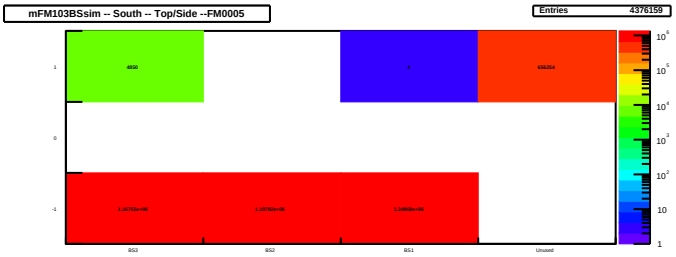
Entries 1.991206e+07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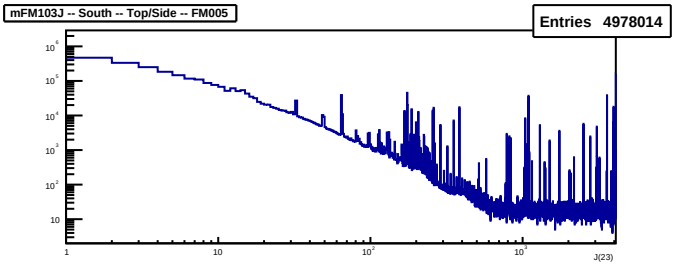
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Entries 4978014
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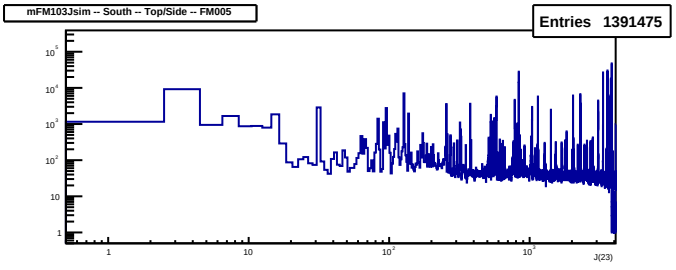
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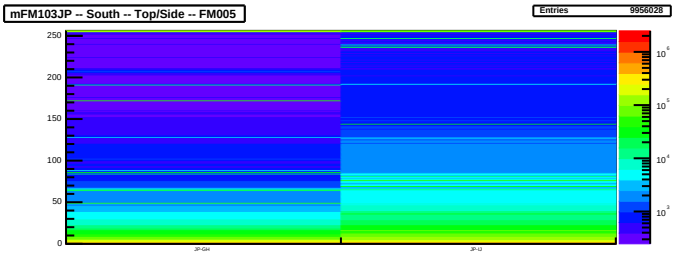
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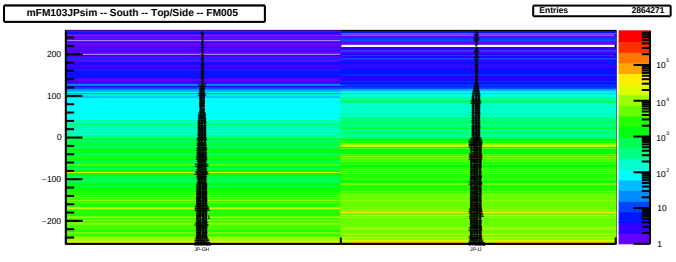
Entries 9956028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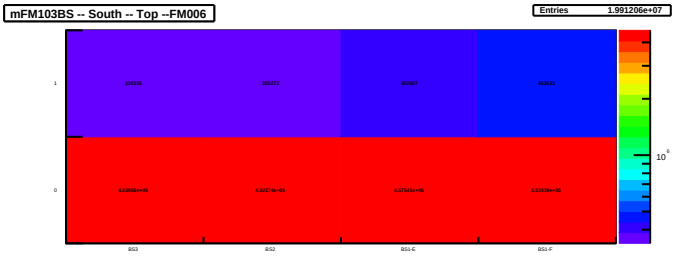
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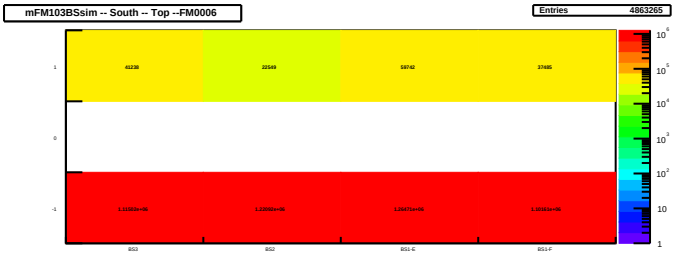
Entries 1.991206e+07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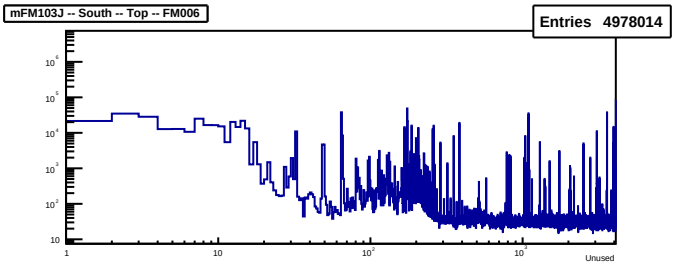
mFM103J -- South -- Top -- FM006
Entries 4978014
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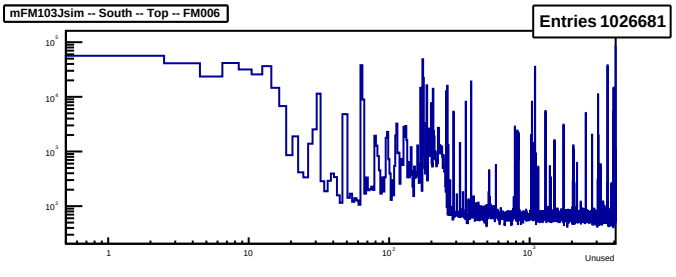
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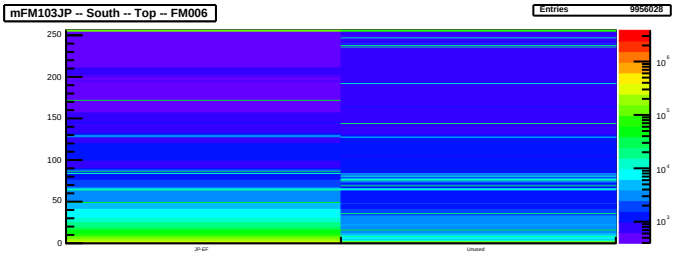
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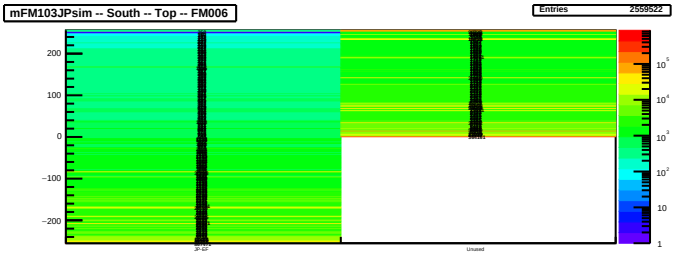
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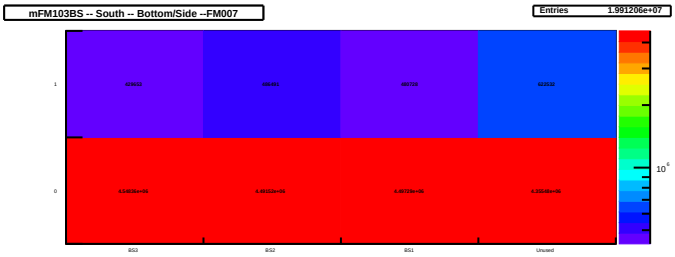
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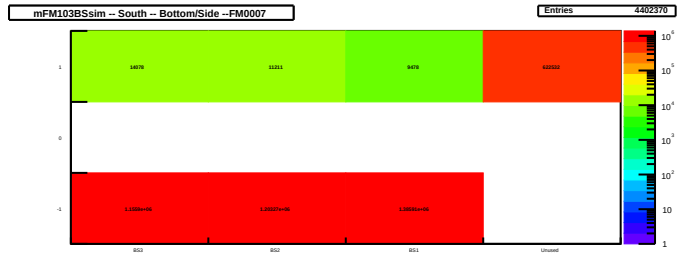
Entries 1.991206e+07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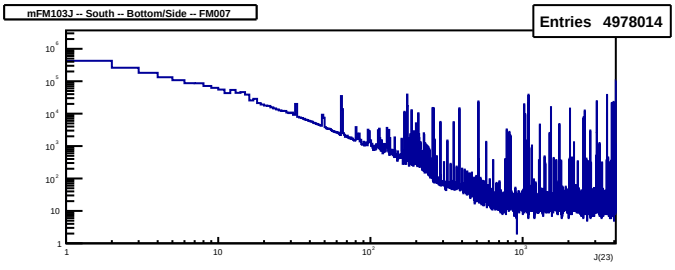
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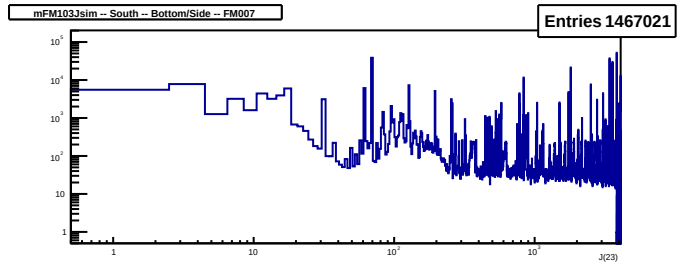
J(23)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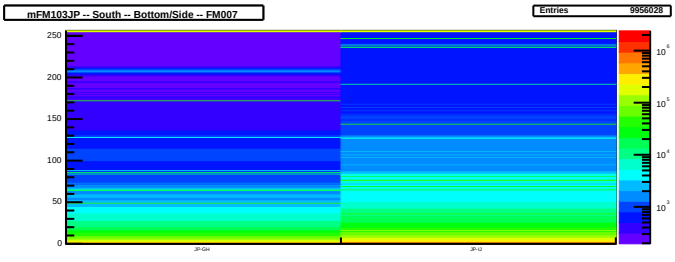
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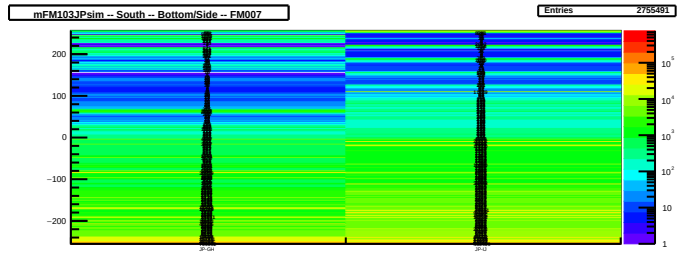
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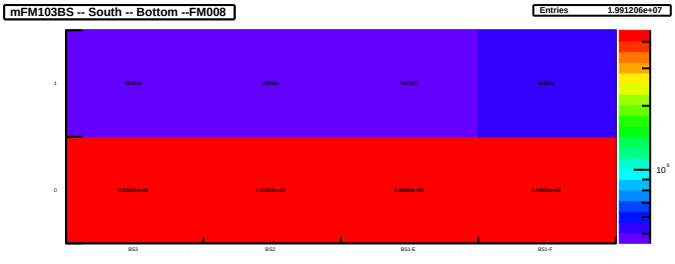
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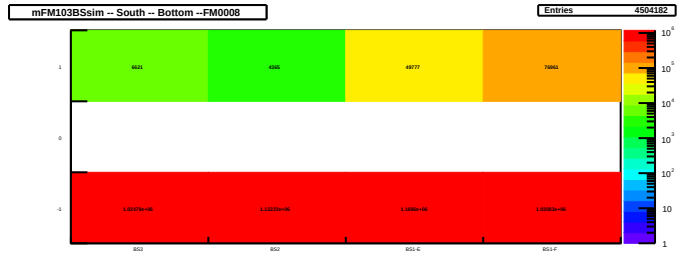
Entries 1.991206e+07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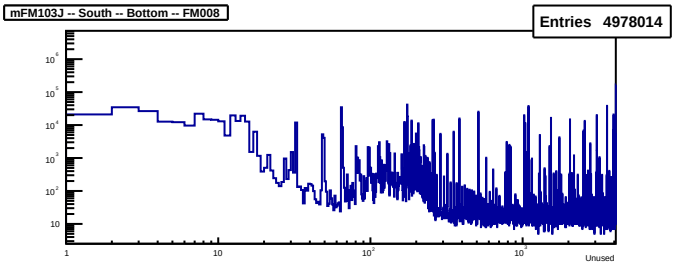
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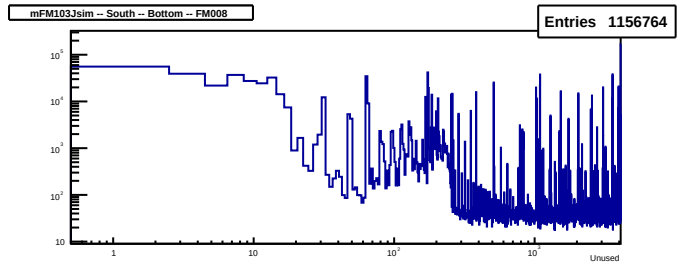
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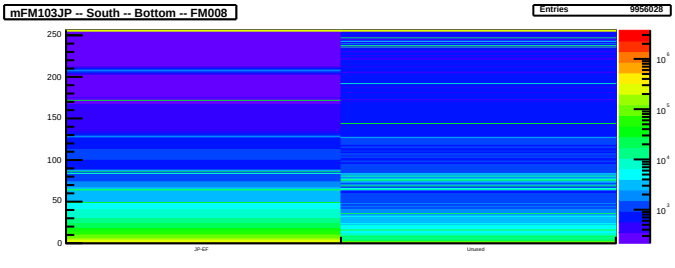
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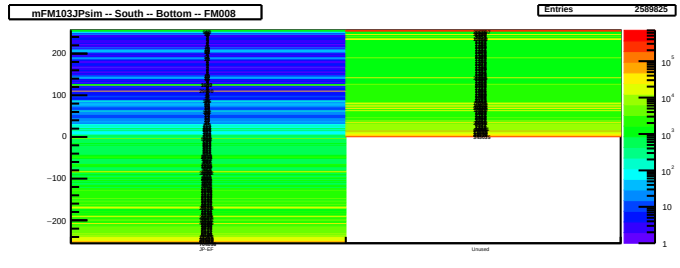
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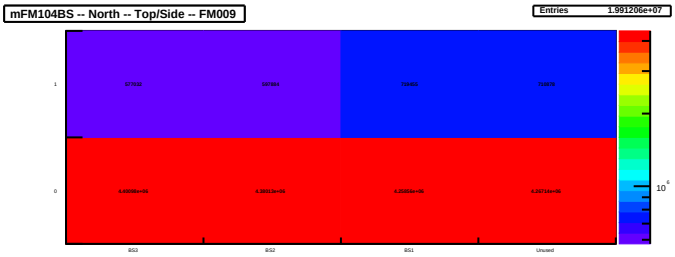
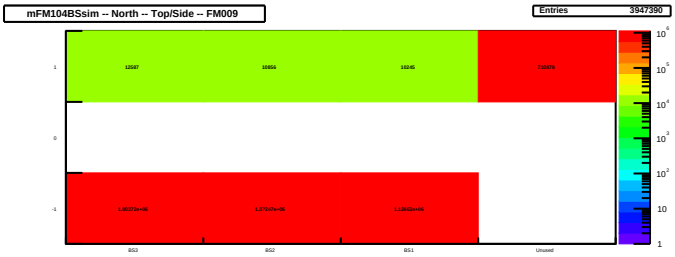
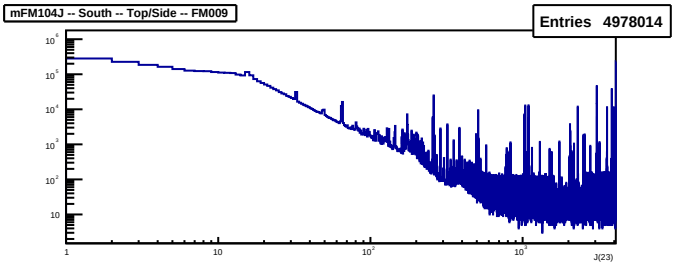
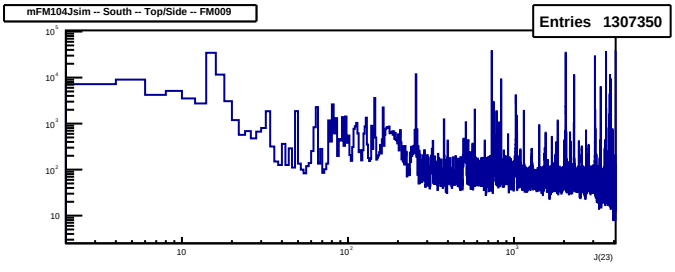
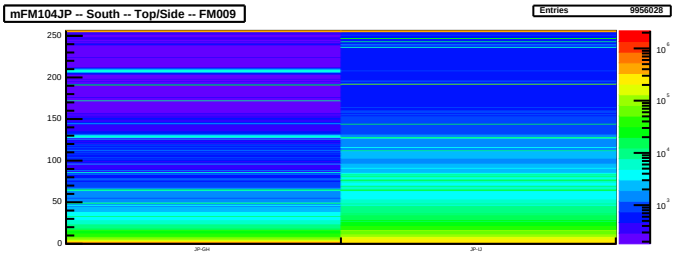
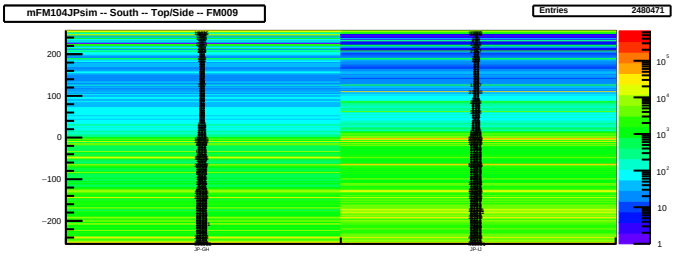

mFM104BS -- North -- Top/Side -- FM009
Entries 1.991206e+07
BS3
BS2
BS1
Unused

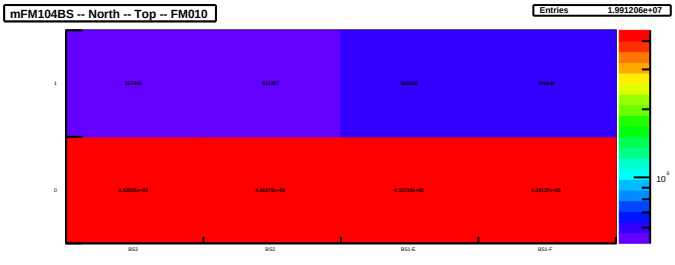

mFM104BSsim -- North -- Top/Side -- FM009
Entries 3947390
BS3
BS2
BS1
Unused

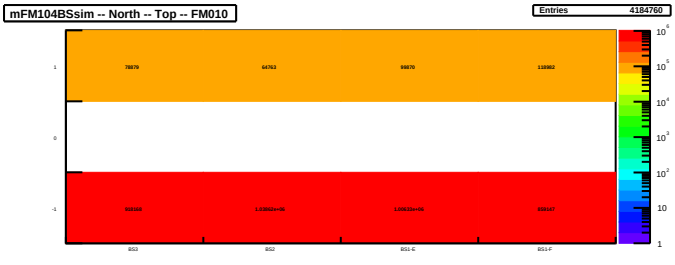

mFM104J -- South -- Top/Side -- FM009
Entries 4978014
J(23)

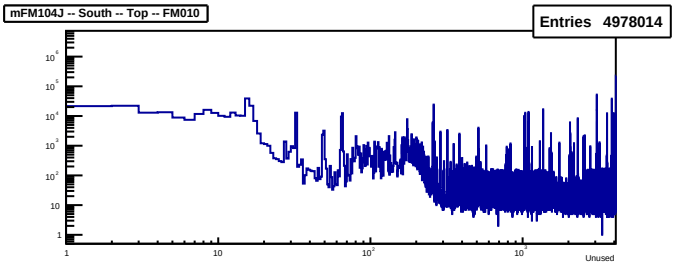

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1307350
J(23)

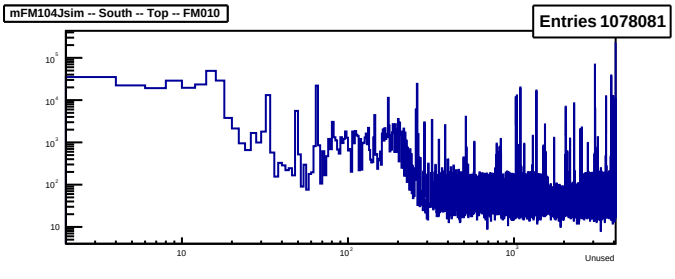

mFM104JP -- South -- Top/Side -- FM009
Entries 9956028
JP-GH
JP-IJ

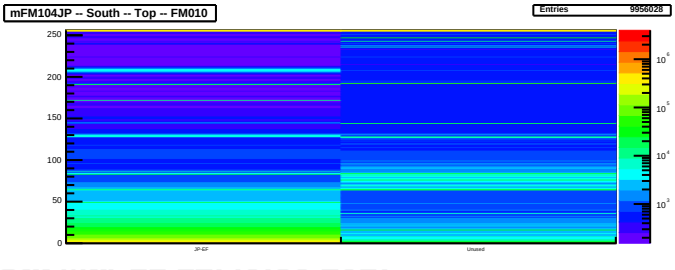

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2480471
JP-GH
JP-IJ

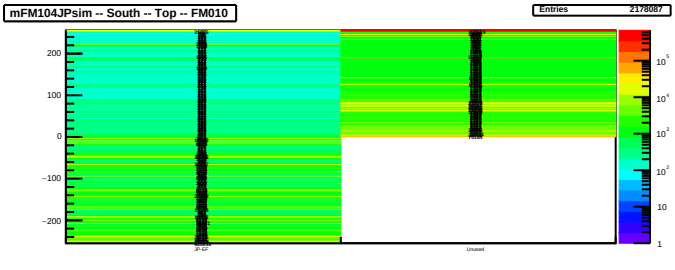

mFM104BS -- North -- Top -- FM010
Entries 1.991206e+07
BS3
BS2
BS1-E
BS1-F

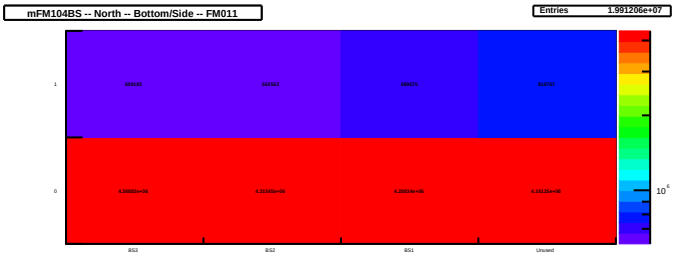

mFM104BSsim -- North -- Top -- FM010
Entries 4184760
BS3
BS2
BS1-E
BS1-F

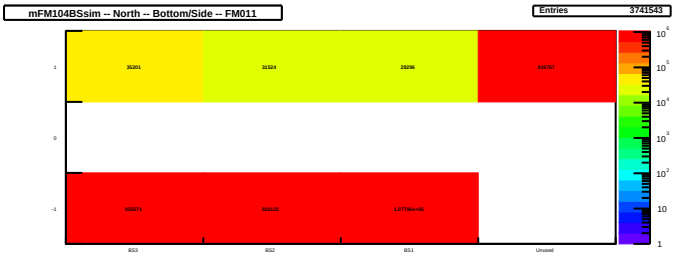

mFM104J -- South -- Top -- FM010
Entries 4978014
Unused

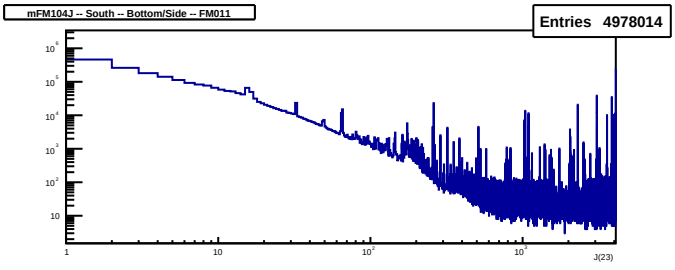

mFM104Jsim -- South -- Top -- FM010
Entries 1078081
Unused

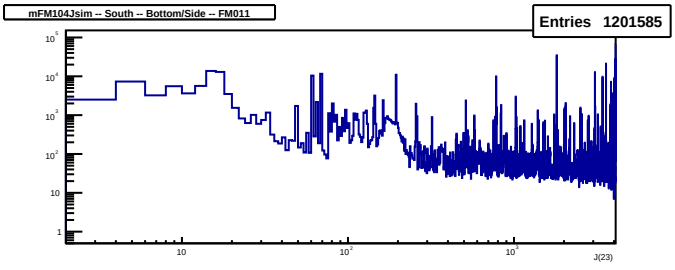

mFM104JP -- South -- Top -- FM010
Entries 9956028
JP-EF
Unused

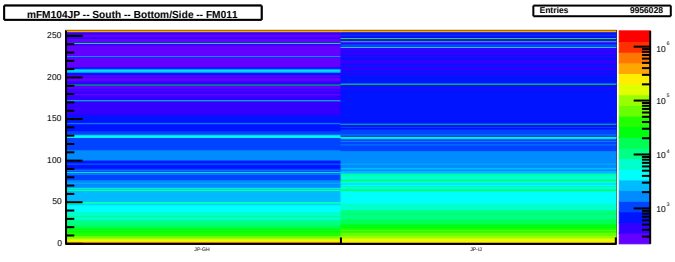

mFM104JPsim -- South -- Top -- FM010
Entries 2178087
JP-EF
Unused

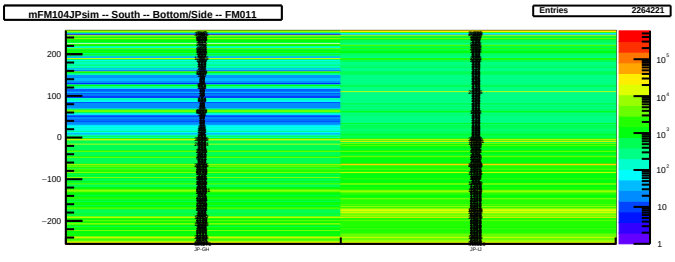

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.991206e+07

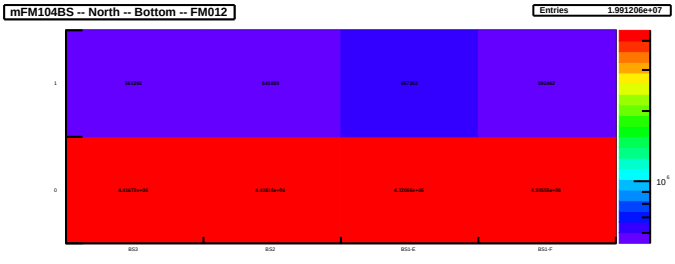

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3741543

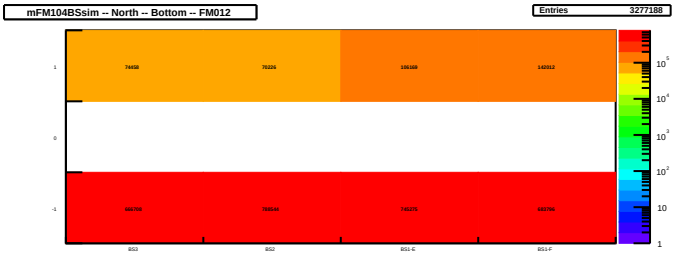

mFM104J -- South -- Bottom/Side -- FM011
Entries 4978014
J(23)

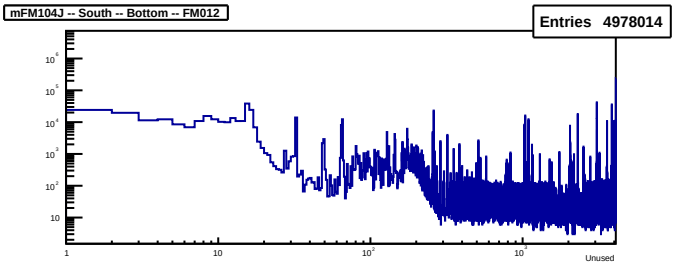

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1201585
J(23)

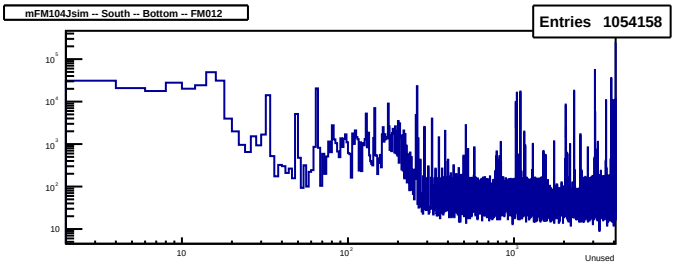

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9956028

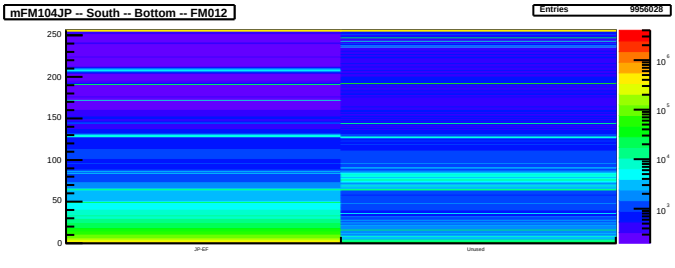

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2264221

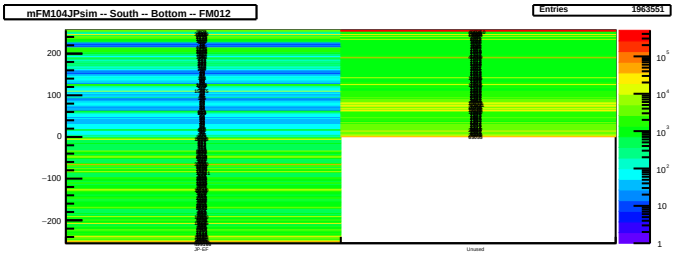

mFM104BS -- North -- Bottom -- FM012
Entries 1.991206e+07

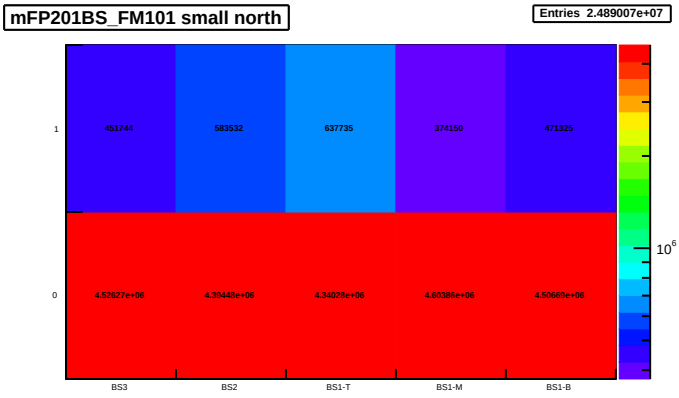

mFM104BSsim -- North -- Bottom -- FM012
Entries 3277188

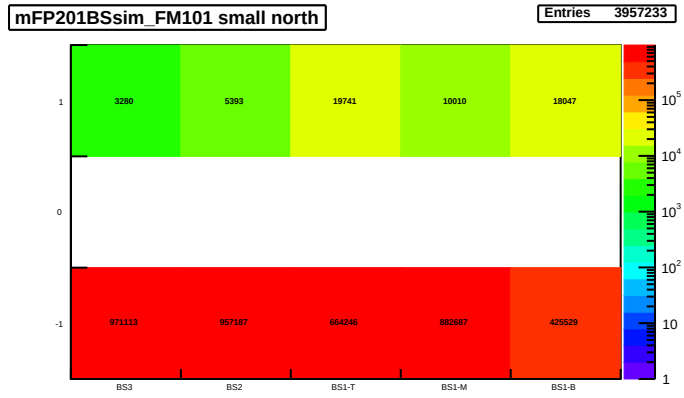

mFM104J -- South -- Bottom -- FM012
Entries 4978014
Unused

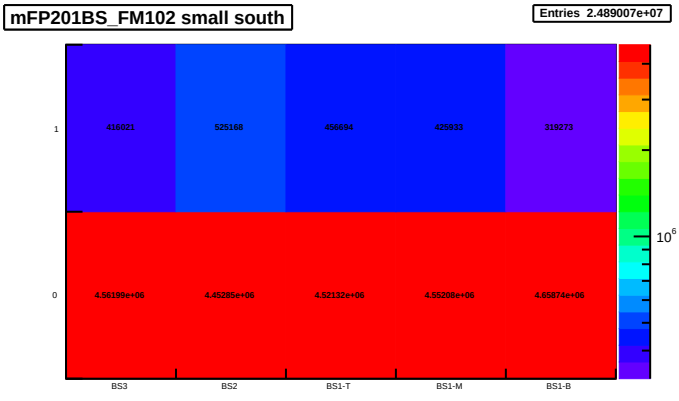

mFM104Jsim -- South -- Bottom -- FM012
Entries 1054158
Unused

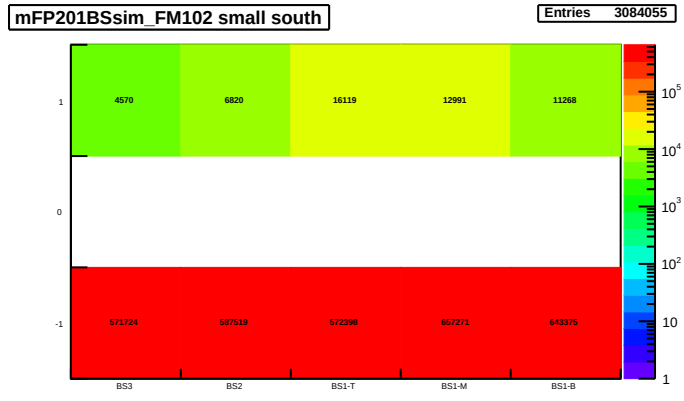

mFM104JP -- South -- Bottom -- FM012
Entries 9956028

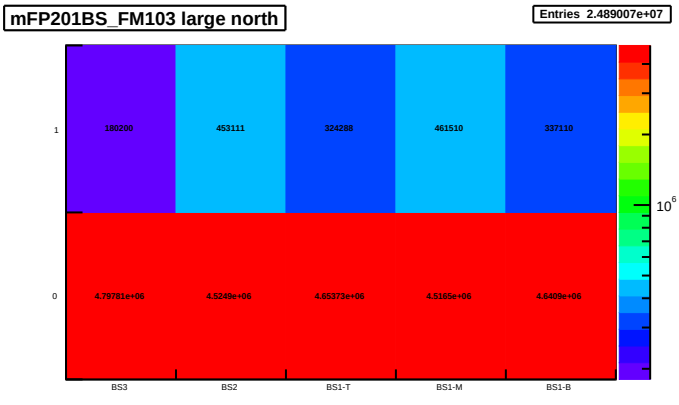

mFM104JPsim -- South -- Bottom -- FM012
Entries 1963551

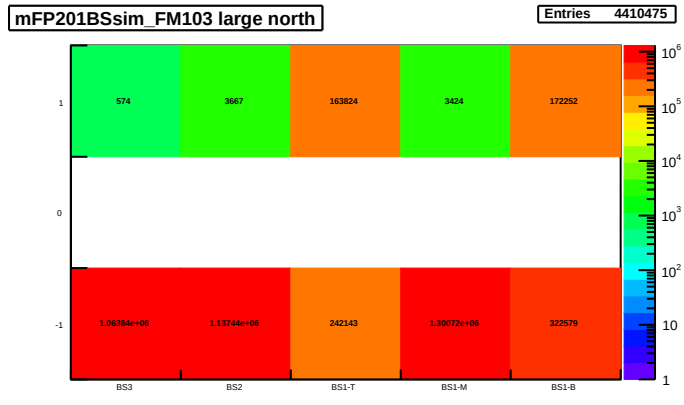

mFP201BS_FM101 small north
Entries 2.489007e+07
1
0
451744
583532
637735
374150
471325
4.52627e+06
4.39448e+06
4.34028e+06
4.60386e+06
4.50669e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

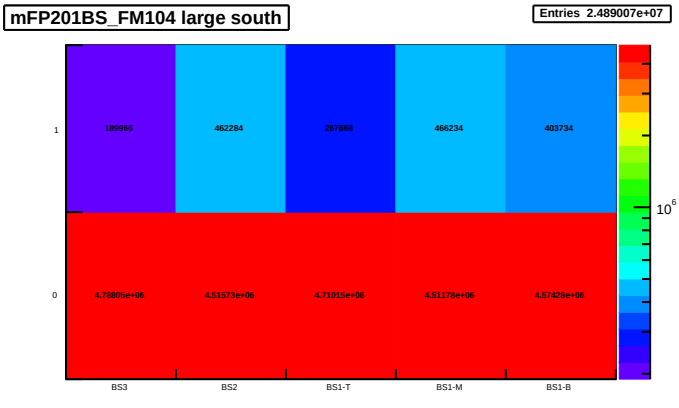

mFP201BSsim_FM101 small north
Entries 3957233
1
0
-1
3280
5393
19741
10010
18047
971113
957187
664246
882687
425529
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

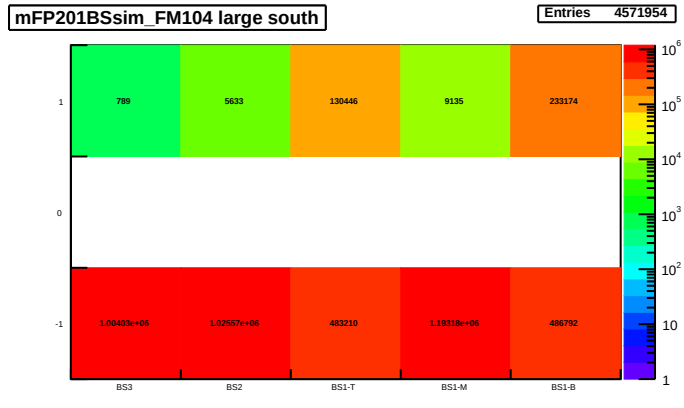

mFP201BS_FM102 small south
Entries 2.489007e+07
1
0
416021
525168
456694
425933
319273
4.56199e+06
4.45285e+06
4.52132e+06
4.55208e+06
4.65874e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

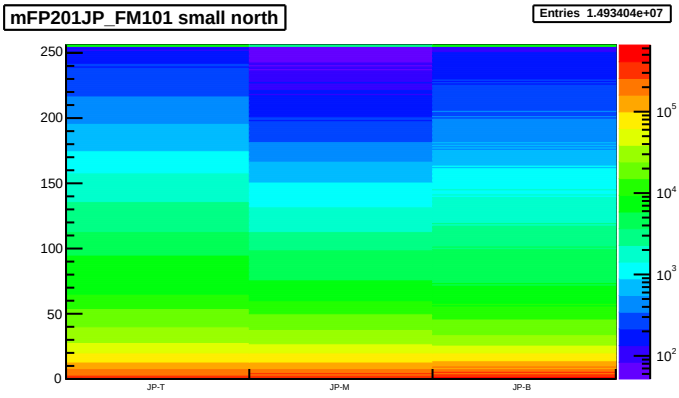

mFP201BSsim_FM102 small south
Entries 3084055
1
0
-1
4570
6820
16119
12991
11268
571724
587519
572398
657271
643375
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

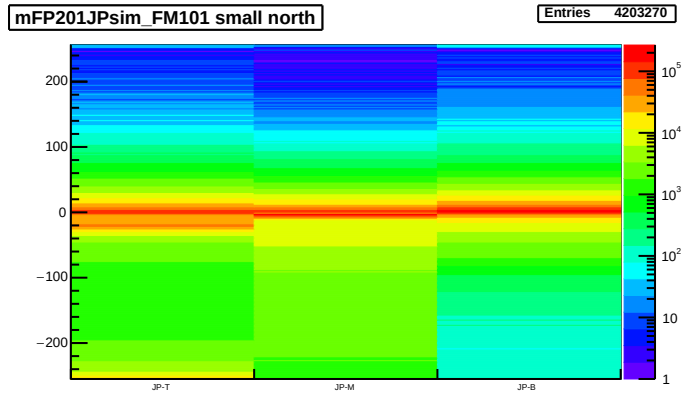

mFP201BS_FM103 large north
Entries 2.489007e+07
1
0
180200
453111
324288
461510
337110
4.79781e+06
4.5249e+06
4.65373e+06
4.5165e+06
4.6409e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

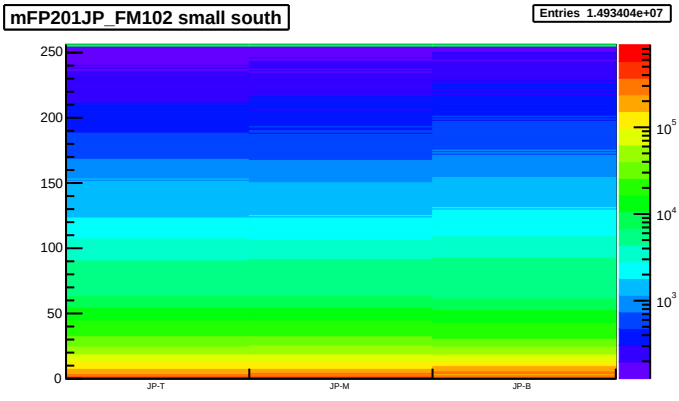

mFP201BSsim_FM103 large north
Entries 4410475
1
0
-1
574
3667
163824
3424
172252
1.06384e+06
1.13744e+06
242143
1.30072e+06
322579
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

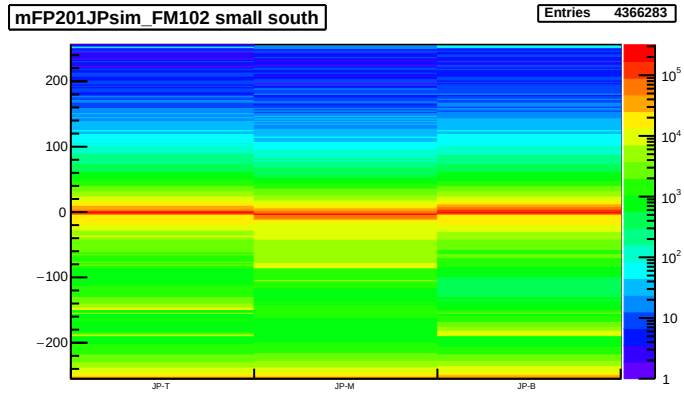

mFP201BS_FM104 large south
Entries 2.489007e+07
1
0
189966
462284
267868
466234
403734
4.78805e+06
4.51573e+06
4.71015e+06
4.51178e+06
4.57428e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

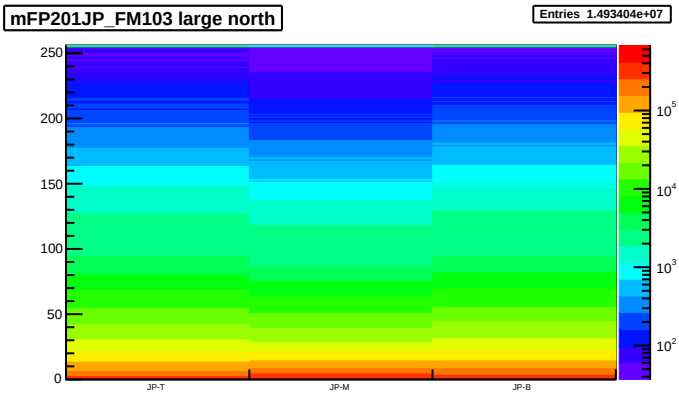

mFP201BSsim_FM104 large south
Entries 4571954
1
0
-1
789
5633
130446
9135
233174
1.00403e+06
1.02557e+06
483210
1.19318e+06
486792
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

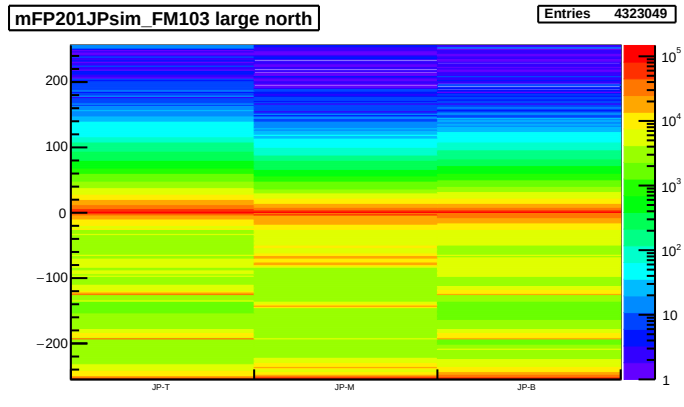

mFP201JP_FM101 small north
Entries 1.493404e+07
JP-T
JP-M
JP-B

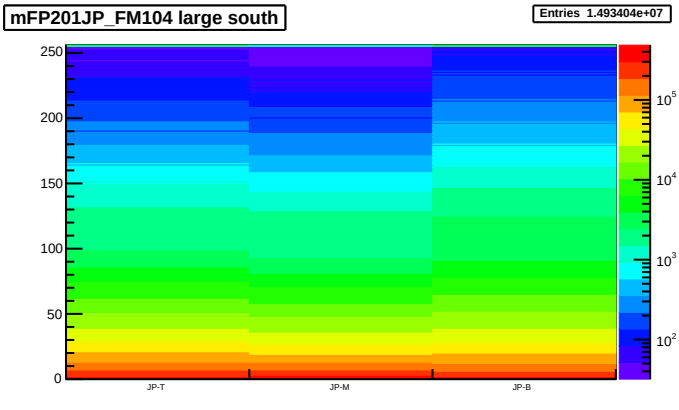

mFP201JPsim_FM101 small north
Entries 4203270
JP-T
JP-M
JP-B

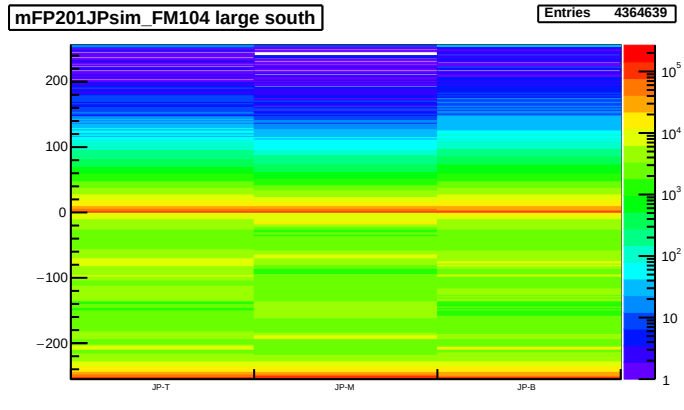

mFP201JP_FM102 small south
Entries 1.493404e+07
JP-T
JP-M
JP-B

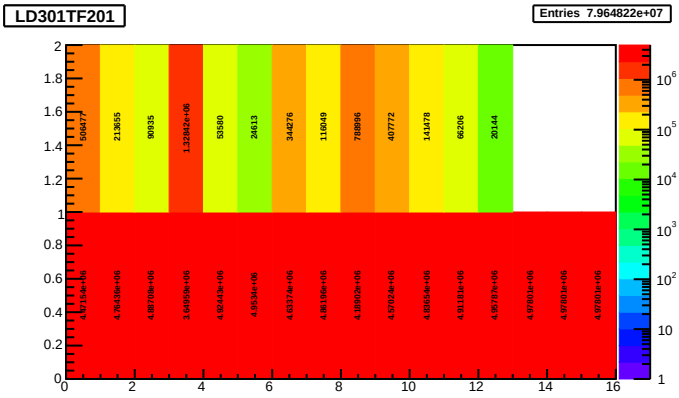

mFP201JPsim_FM102 small south
Entries 4366283
JP-T
JP-M
JP-B

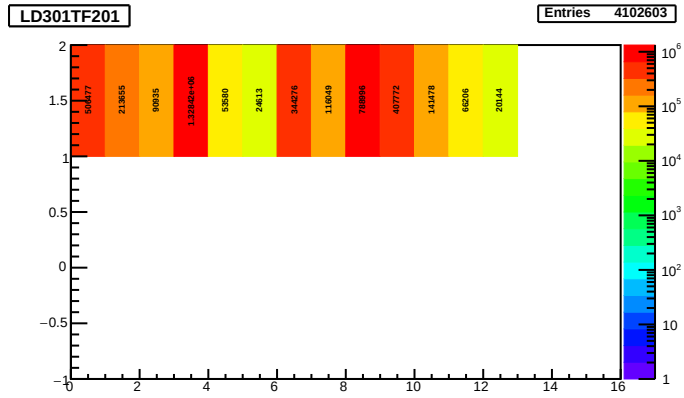

mFP201JP_FM103 large north
Entries 1.493404e+07
JP-T
JP-M
JP-B

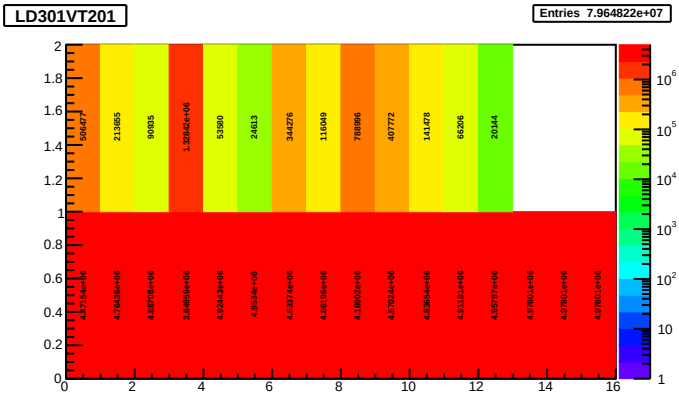

mFP201JPsim_FM103 large north
Entries 4323049
JP-T
JP-M
JP-B

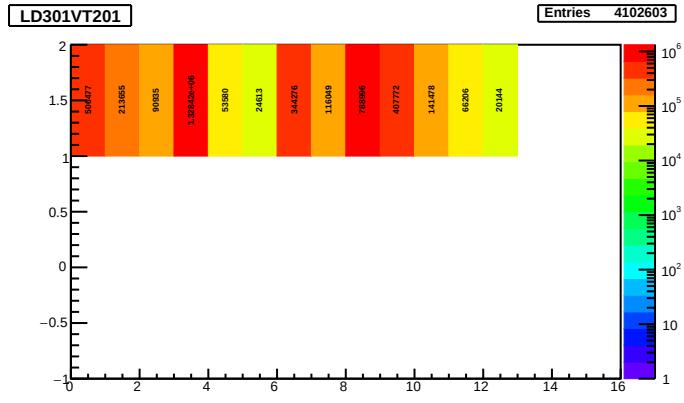

mFP201JP_FM104 large south
Entries 1.493404e+07
JP-T
JP-M
JP-B

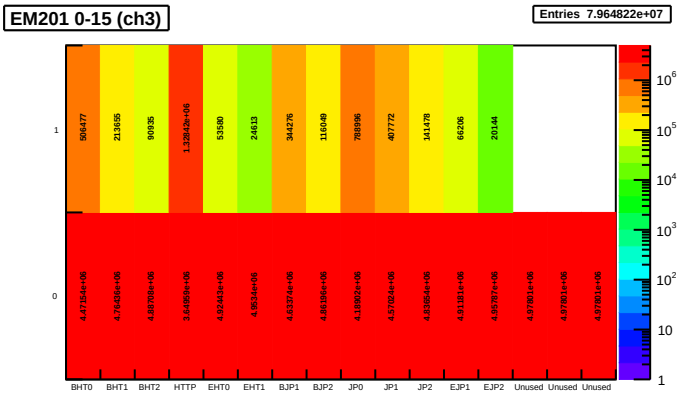

mFP201JPsim_FM104 large south
Entries 4364639
JP-T
JP-M
JP-B

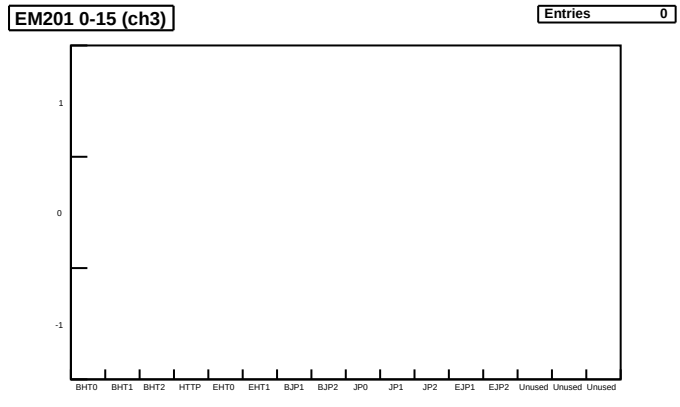

LD301TF201
Entries 7.964822e+07

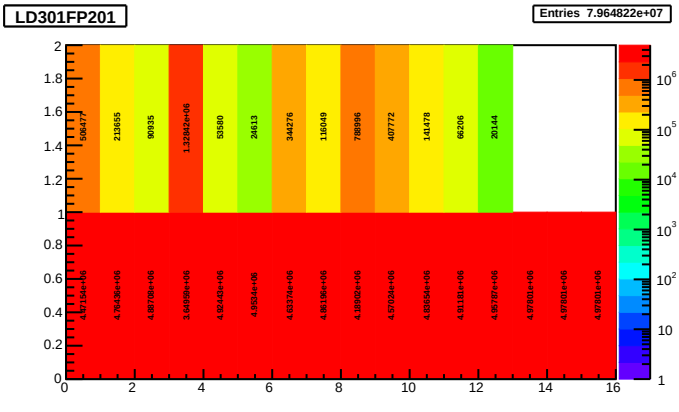

LD301TF201
Entries 4102603

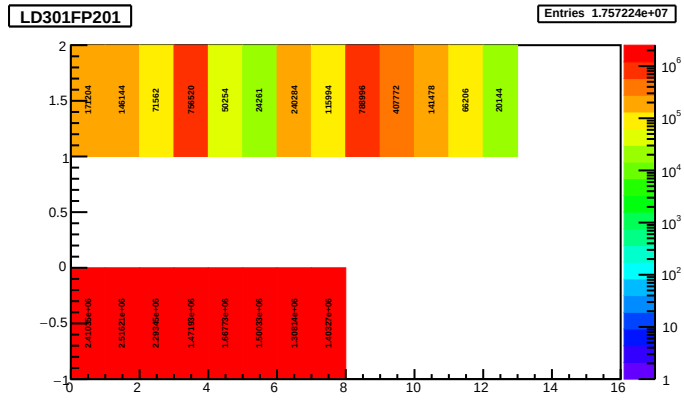

LD301VT201
Entries 7.964822e+07


LD301VT201
Entries 4102603


EM201 0-15 (ch3)
Entries 7.964822e+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 7.964822e+07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