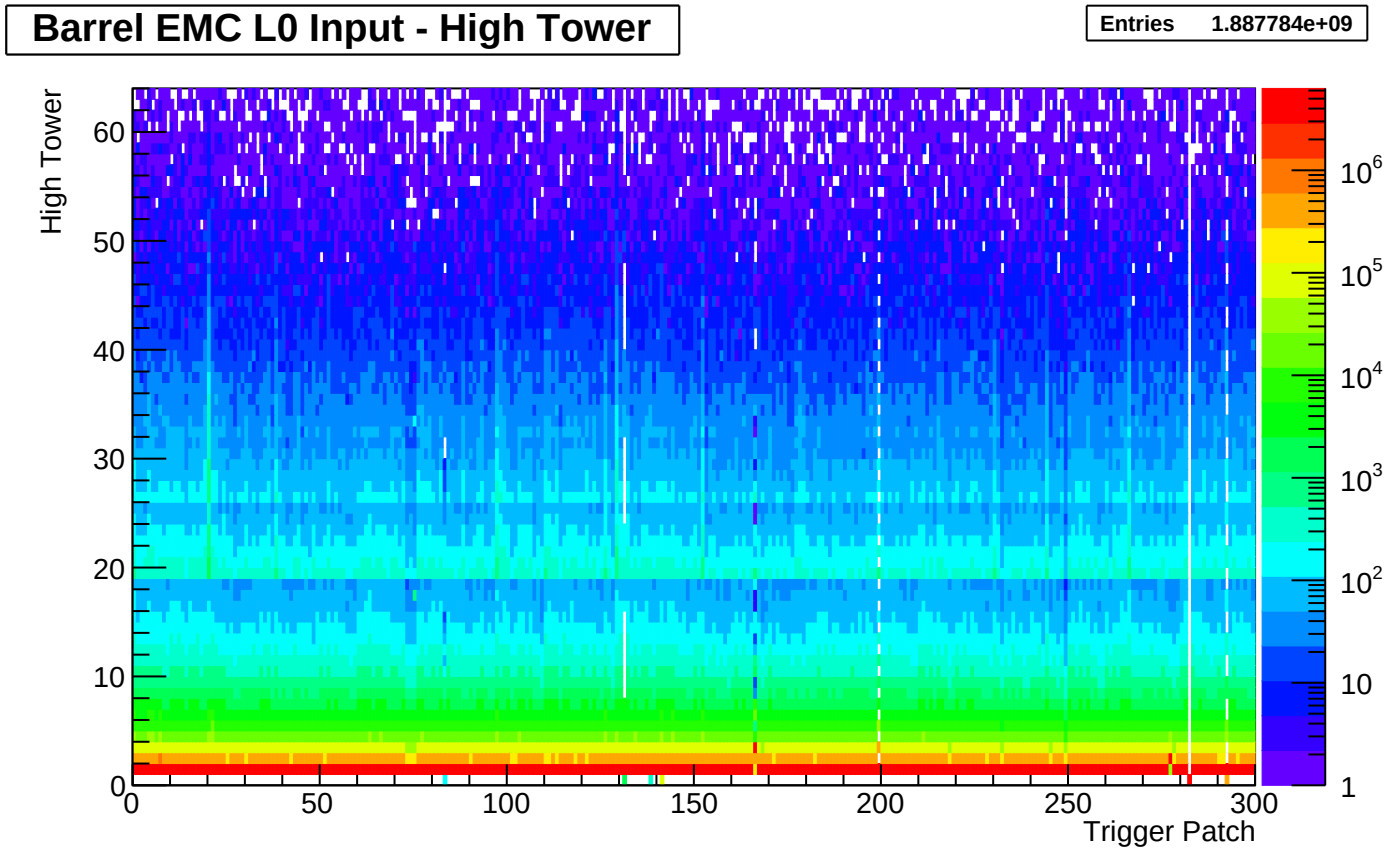
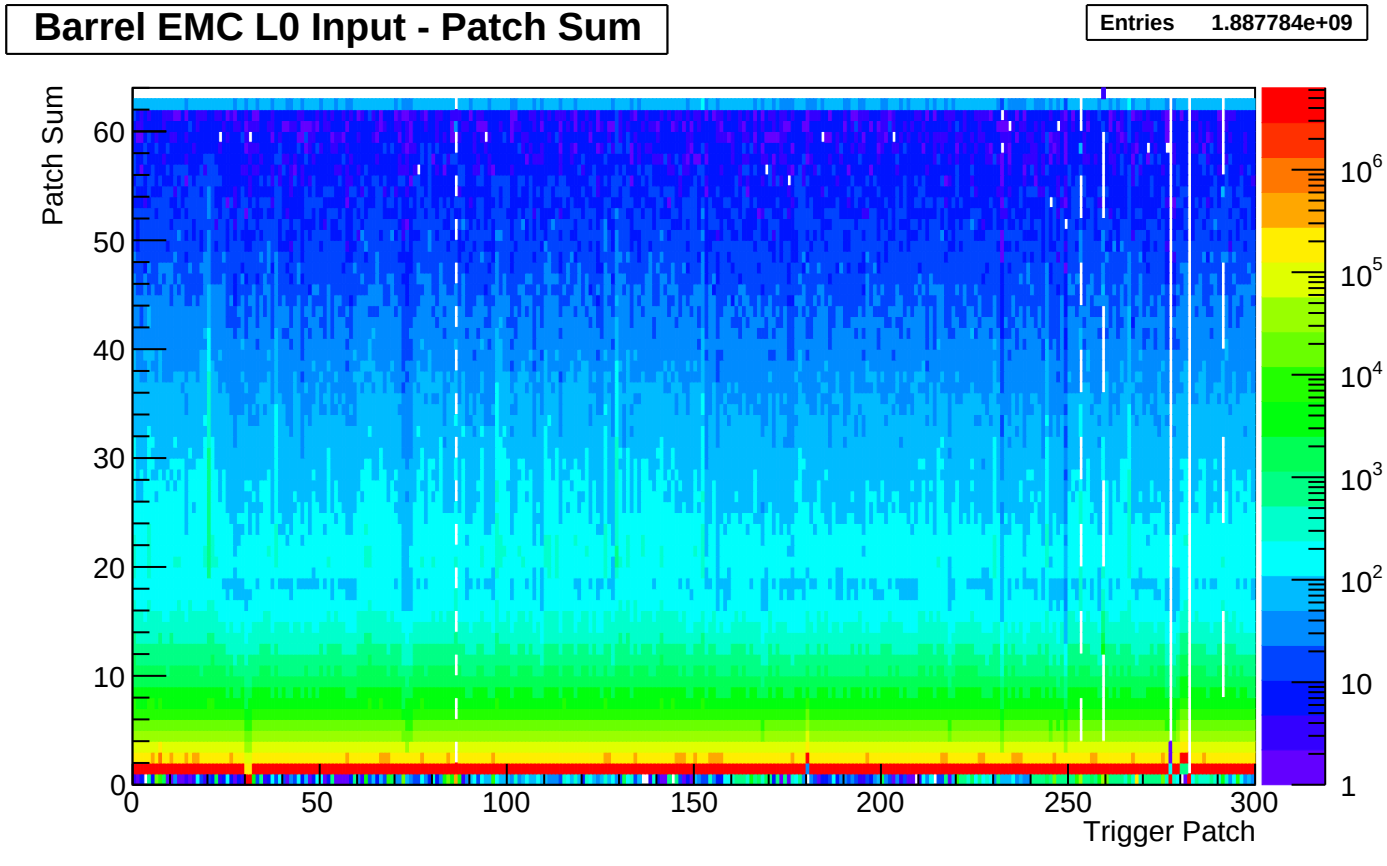
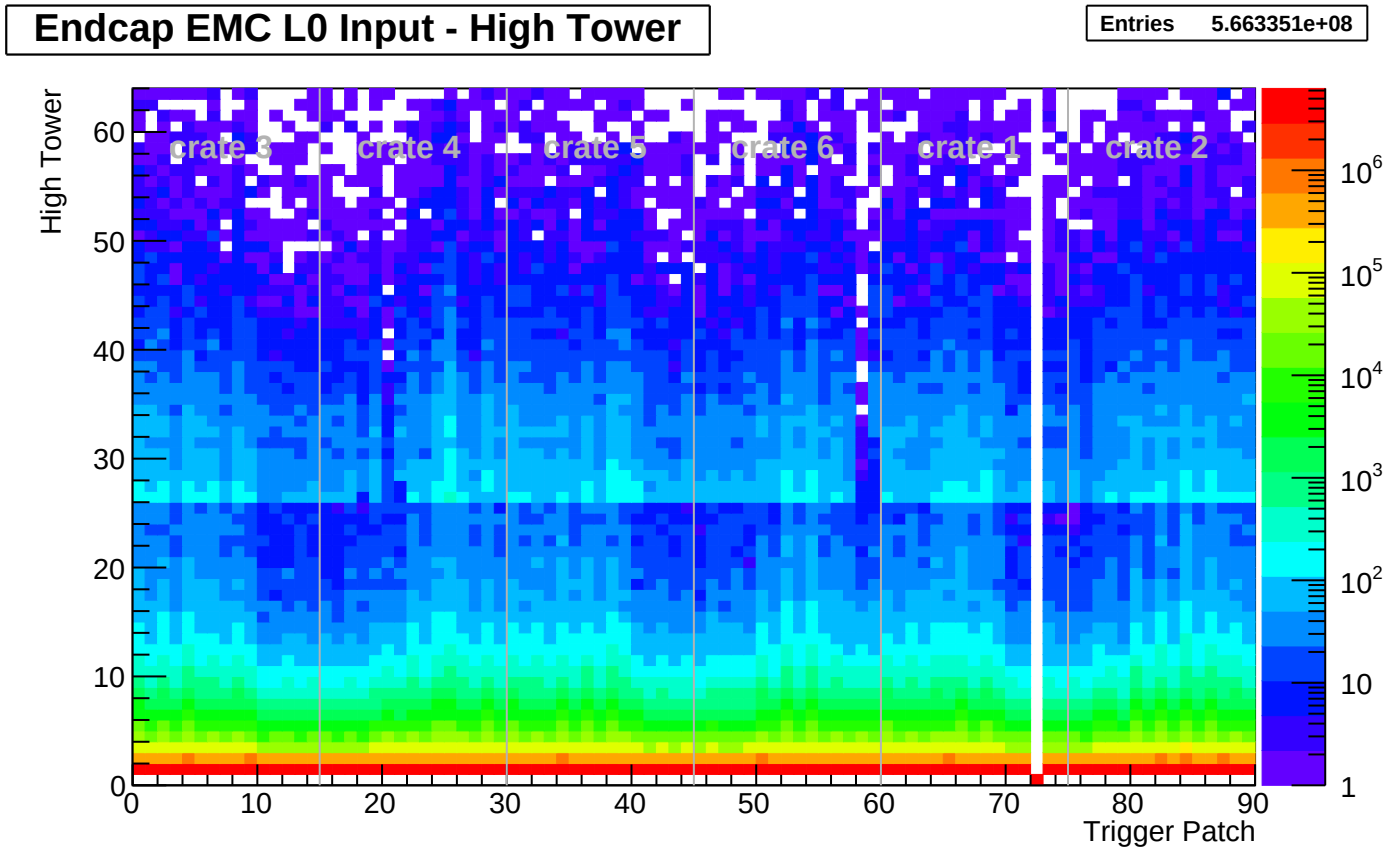
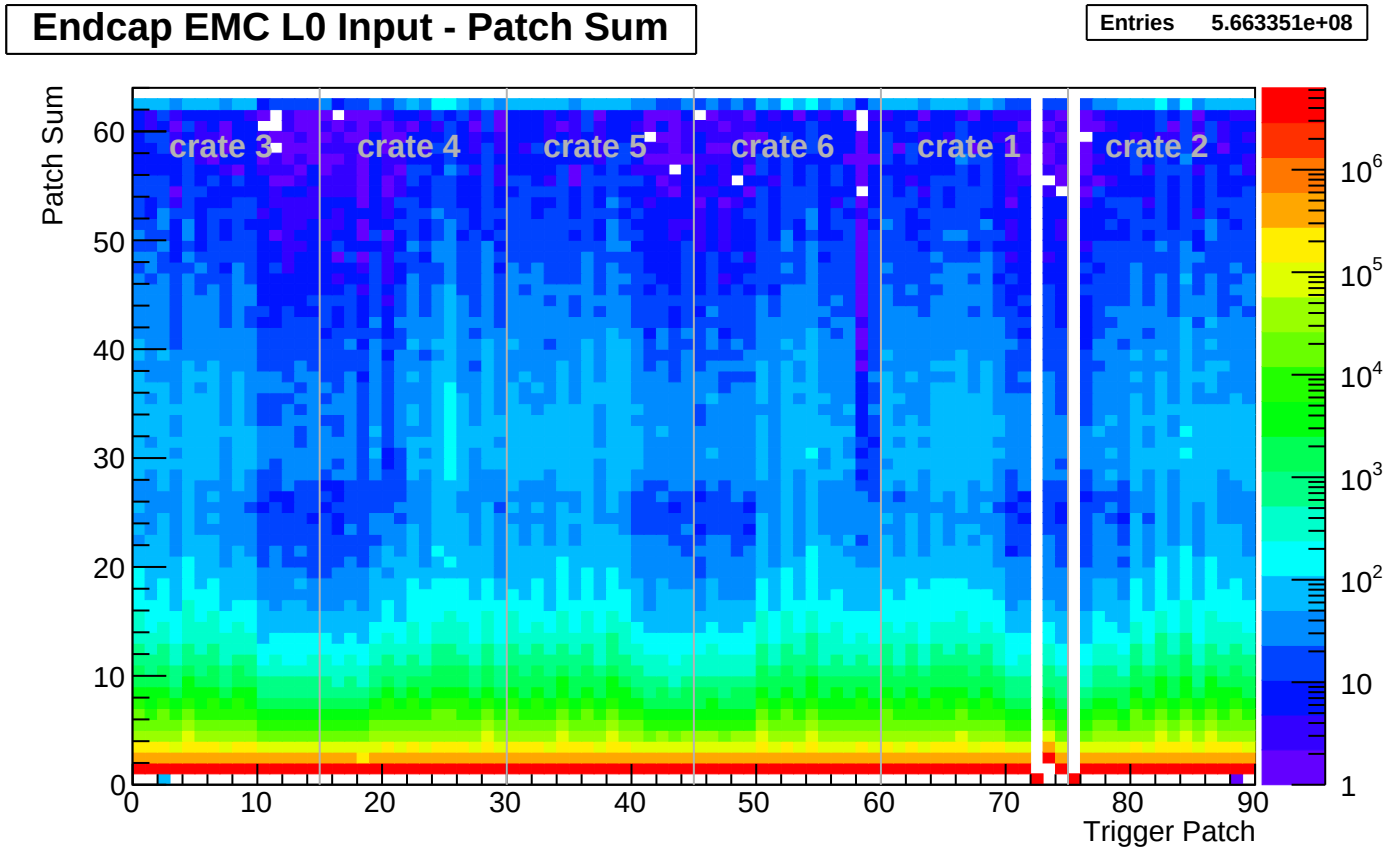
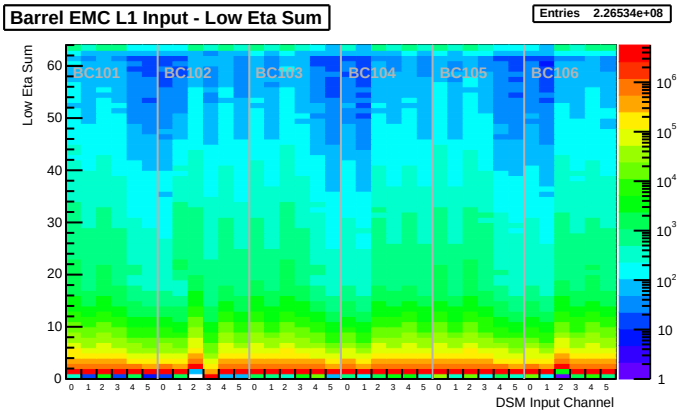
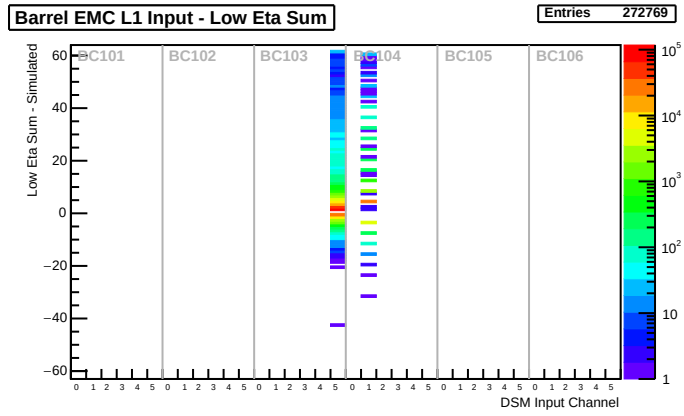

Barrel EMC L0 Input - High Tower
Entries 1.887784e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

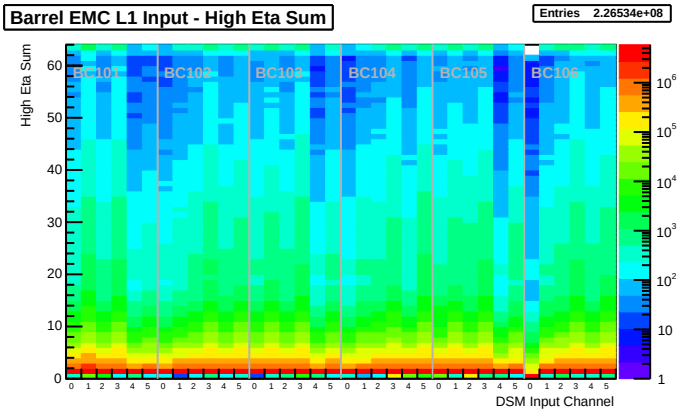

Barrel EMC L0 Input - Patch Sum
Entries 1.887784e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

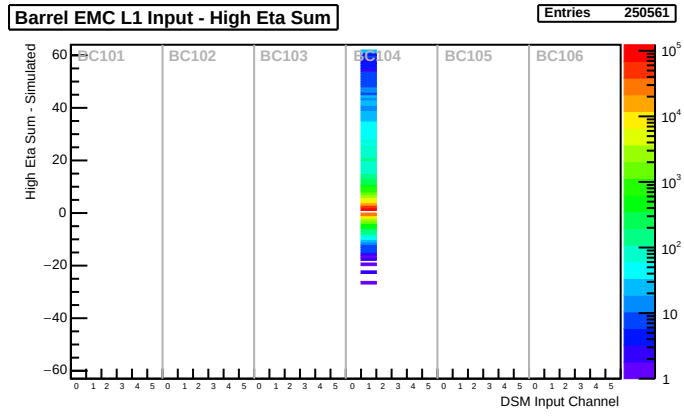

Endcap EMC L0 Input - High Tower
Entries 5.663351e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

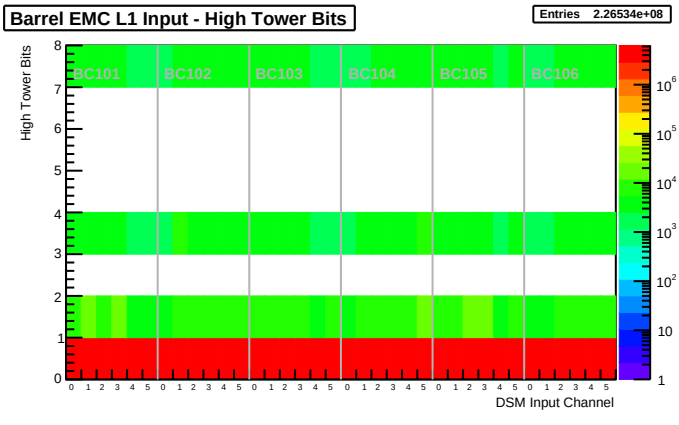

Endcap EMC L0 Input - Patch Sum
Entries 5.663351e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

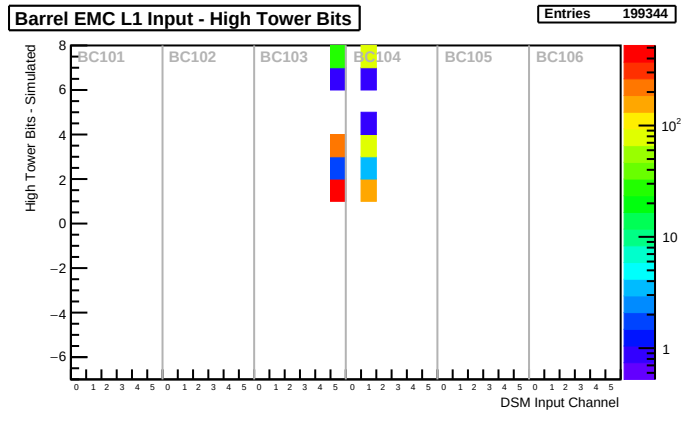

Barrel EMC L1 Input - Low Eta Sum
Entries 2.26534e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

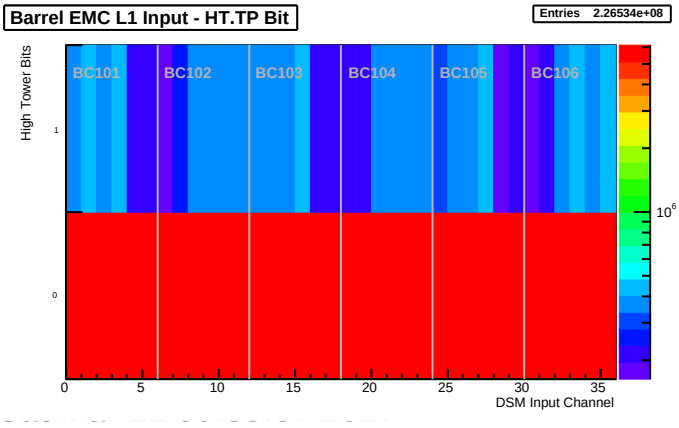

Barrel EMC L1 Input - Low Eta Sum
Entries 272769
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

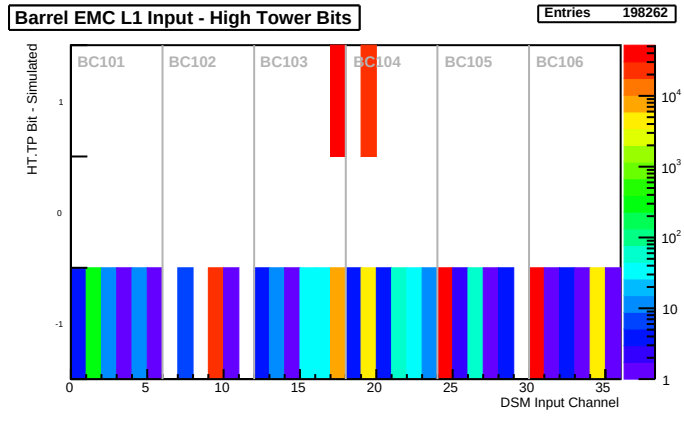

Barrel EMC L1 Input - High Eta Sum
Entries 2.26534e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

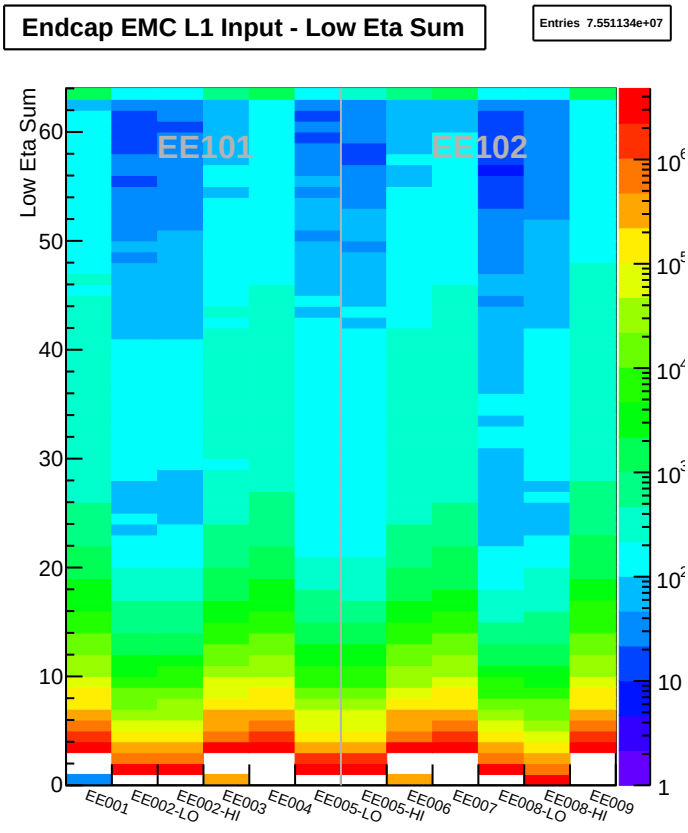

Barrel EMC L1 Input - High Eta Sum
Entries 250561
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

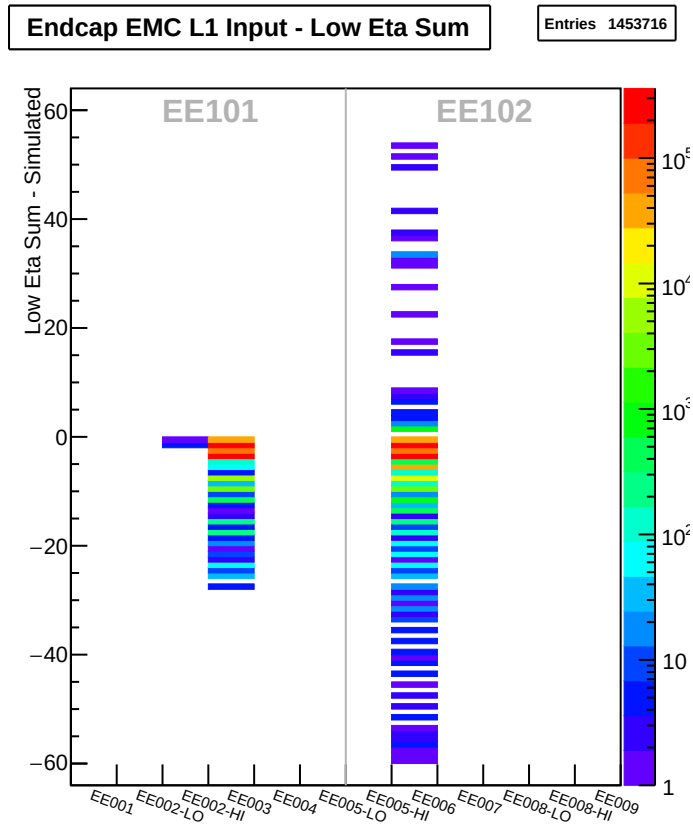

Barrel EMC L1 Input - High Tower Bits
Entries 2.26534e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

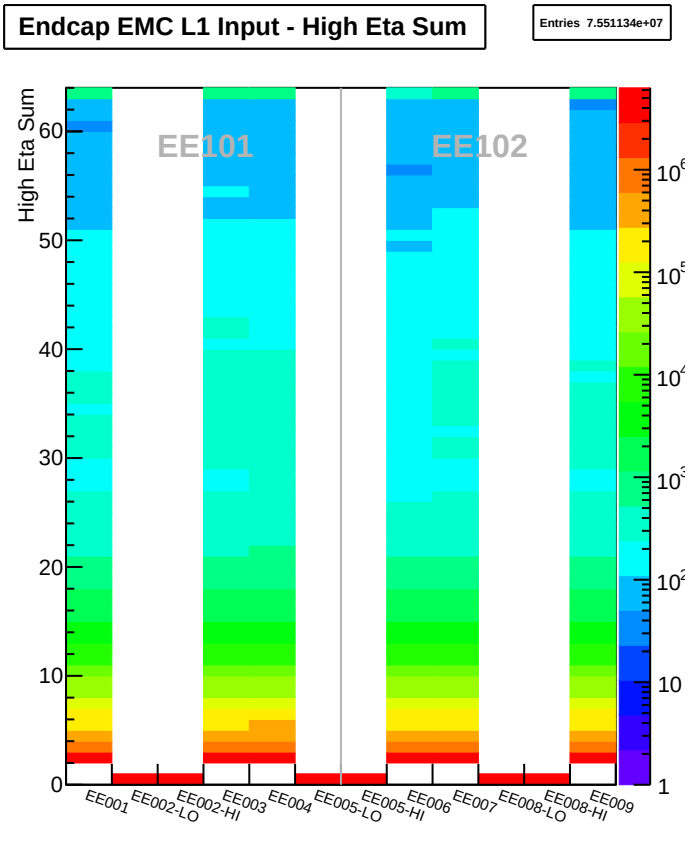

Barrel EMC L1 Input - High Tower Bits
Entries 199344
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

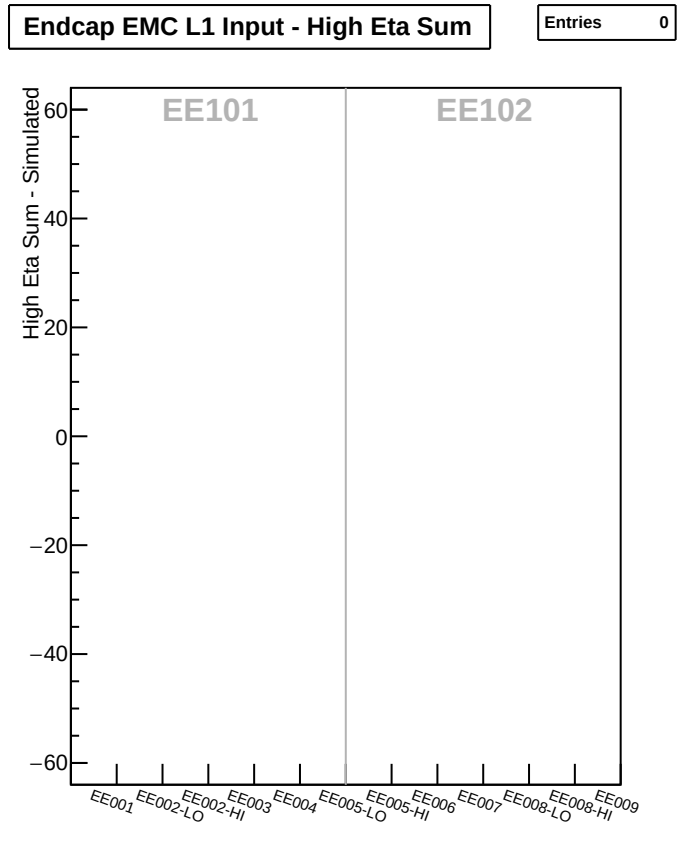

Barrel EMC L1 Input - HT.TP Bit
Entries 2.26534e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

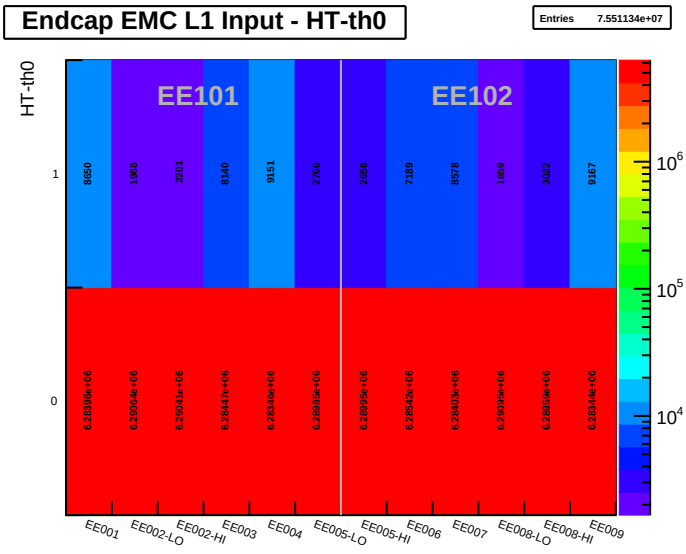

Barrel EMC L1 Input - High Tower Bits
Entries 198262
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

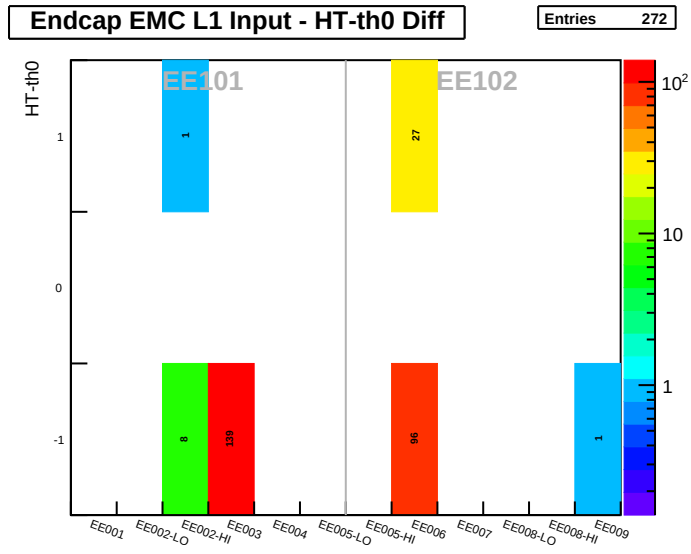

Endcap EMC L1 Input - Low Eta Sum
Entries 7.551134e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

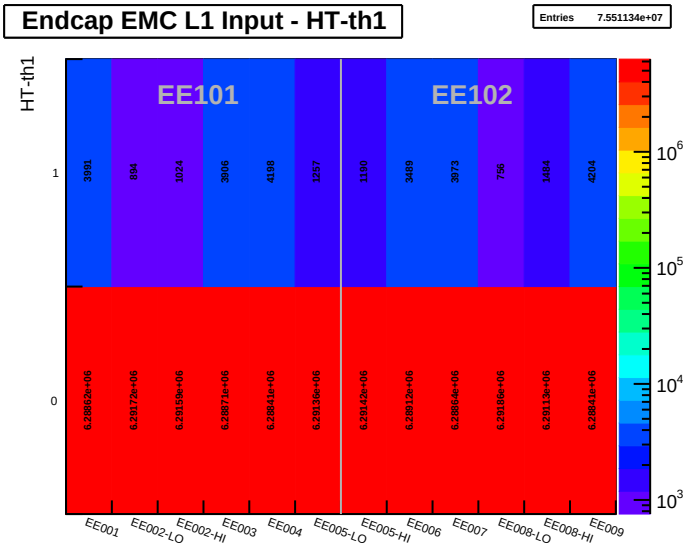

Endcap EMC L1 Input - Low Eta Sum
Entries 1453716
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

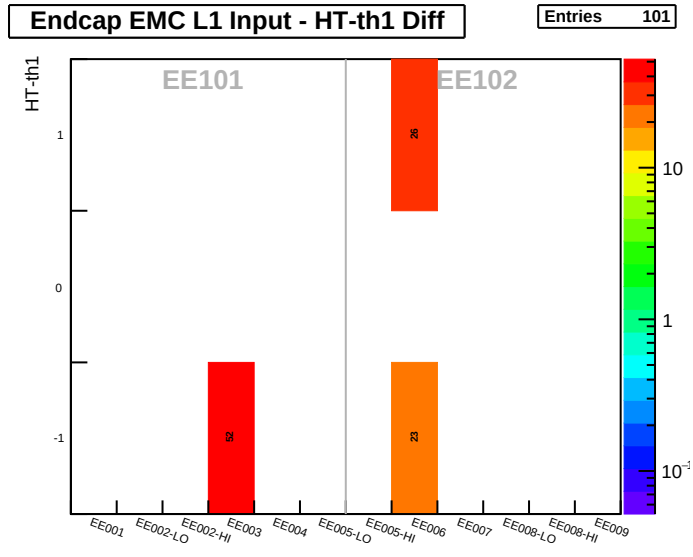

Endcap EMC L1 Input - High Eta Sum
Entries 7.551134e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

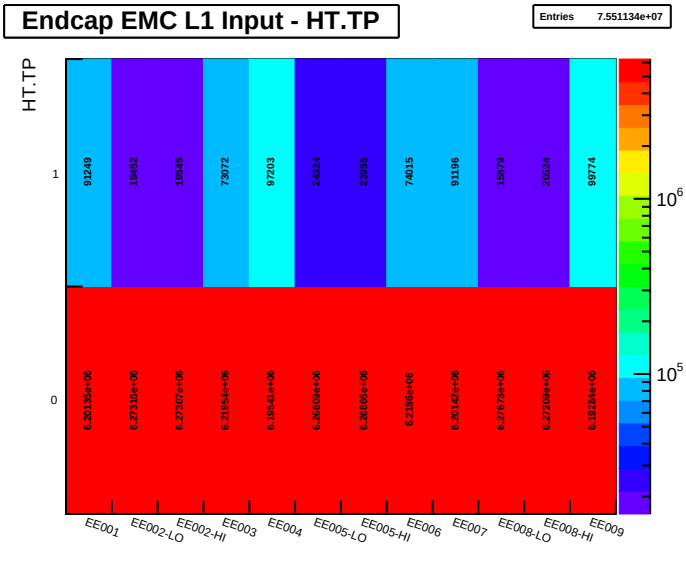

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

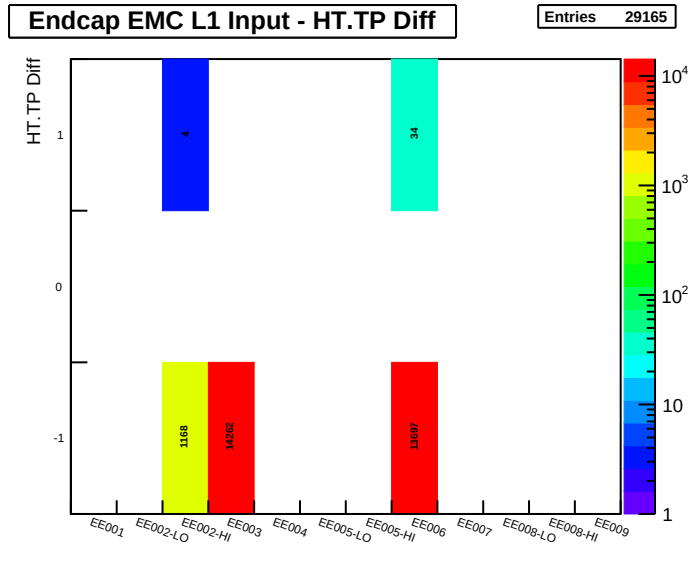

Endcap EMC L1 Input - HT-th0
Entries 7.551134e+07
HT-th0
EE101
EE102
8850 1968 2201 8140 9151 2766 2658 7189 8578 1659 3022 9167
6.28396e+06 6.29064e+06 6.29041e+06 6.28447e+06 6.28346e+06 6.28985e+06 6.28895e+06 6.28542e+06 6.29403e+06 6.29095e+06 6.28859e+06 6.28344e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

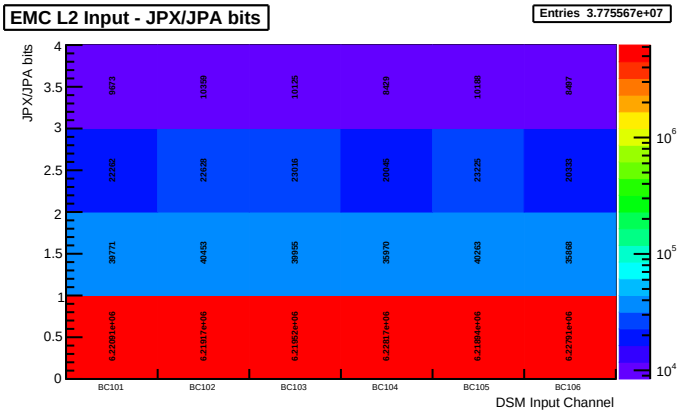

Endcap EMC L1 Input - HT-th0 Diff
Entries 272
HT-th0
EE101
EE102
1 27
8 139 96 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

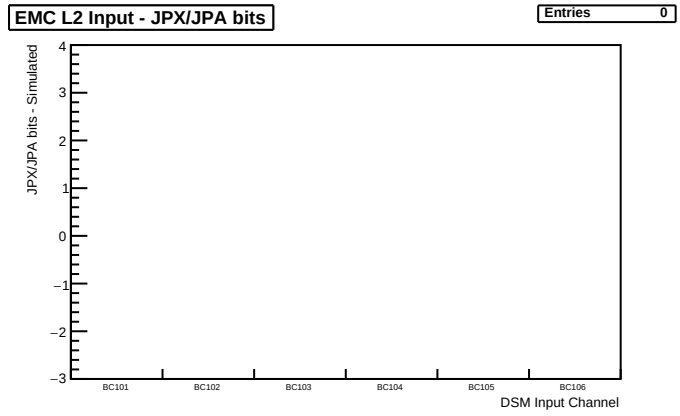

Endcap EMC L1 Input - HT-th1
Entries 7.551134e+07
HT-th1
EE101
EE102
3991 894 1024 3906 4198 1257 1190 3489 3973 756 1484 4204
6.28862e+06 6.29172e+06 6.29159e+06 6.28871e+06 6.28841e+06 6.29136e+06 6.29142e+06 6.28912e+06 6.28854e+06 6.29186e+06 6.29113e+06 6.28841e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

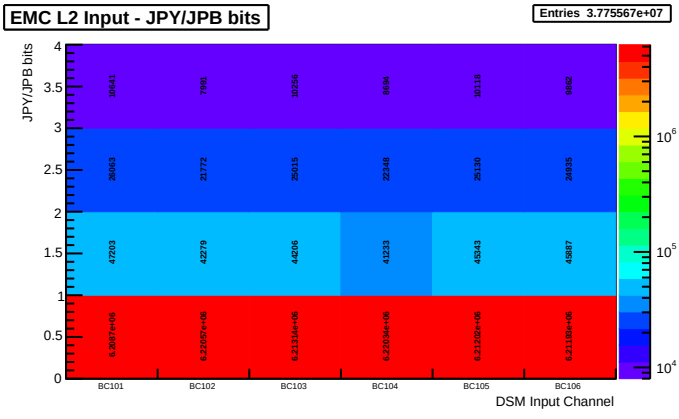

Endcap EMC L1 Input - HT-th1 Diff
Entries 101
HT-th1
EE101
EE102
26
52 23
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

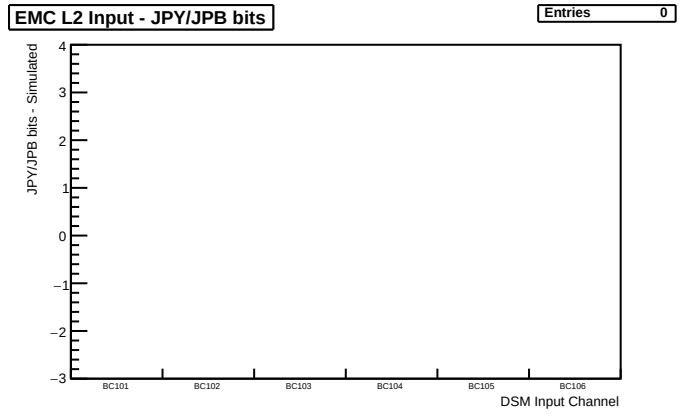

Endcap EMC L1 Input - HT.TP
Entries 7.551134e+07
HT.TP
91249 19452 19545 73072 97203 24524 23955 74015 91196 15879 20524 99774
6.20136e+06 6.27316e+06 6.27307e+06 6.21954e+06 6.19541e+06 6.26809e+06 6.26866e+06 6.2186e+06 6.20142e+06 6.27673e+06 6.27209e+06 6.19284e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

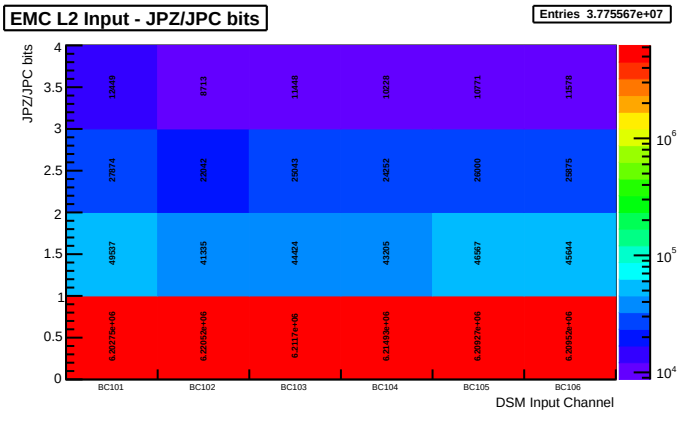

Endcap EMC L1 Input - HT.TP Diff
Entries 29165
HT.TP Diff
4 34
1168 14262 13697
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

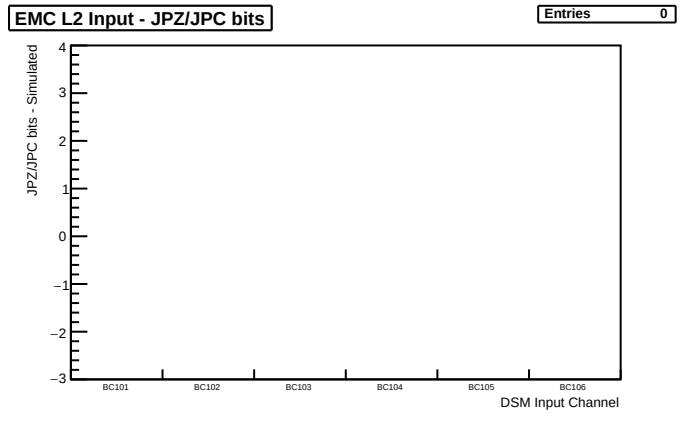

EMC L2 Input - JPX/JPA bits
Entries 3.775567e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

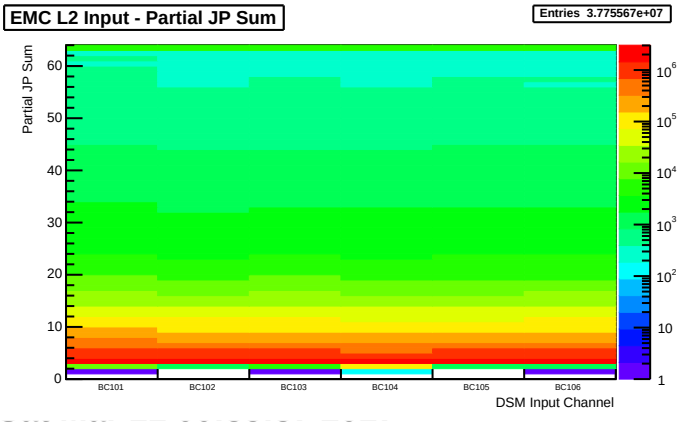

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

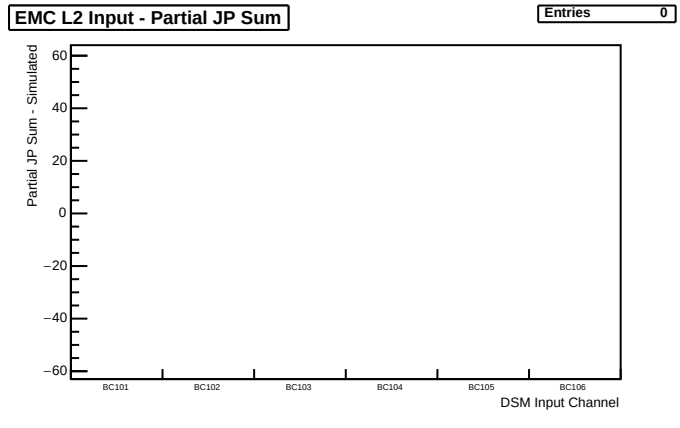

EMC L2 Input - JPY/JPB bits
Entries 3.775567e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

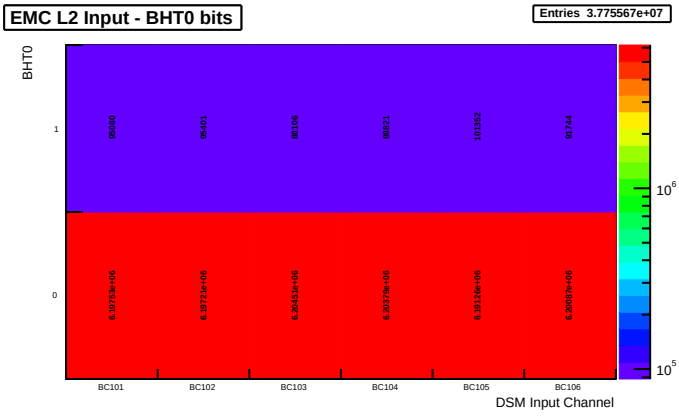

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

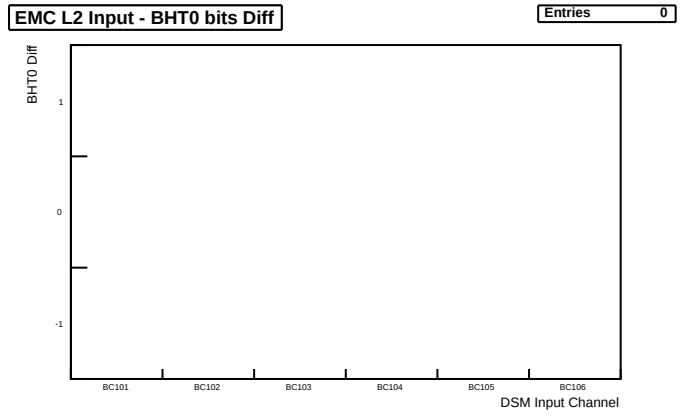

EMC L2 Input - JPZ/JPC bits
Entries 3.775567e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

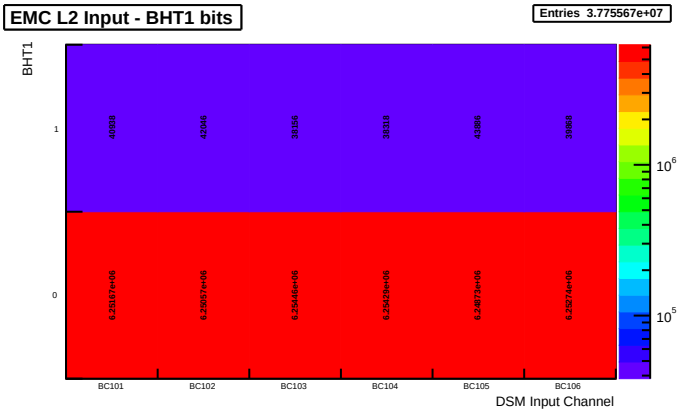

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

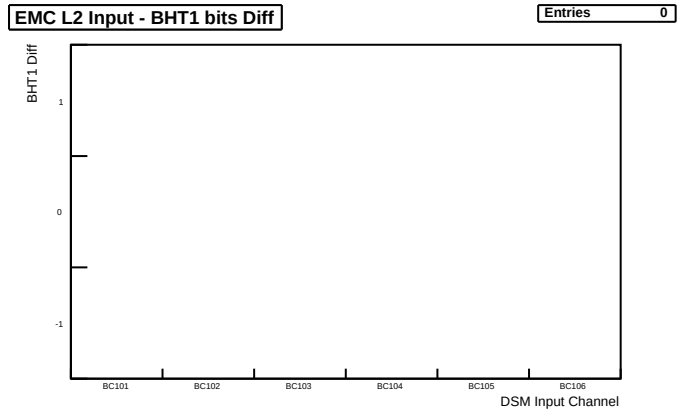

EMC L2 Input - Partial JP Sum
Entries 3.775567e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

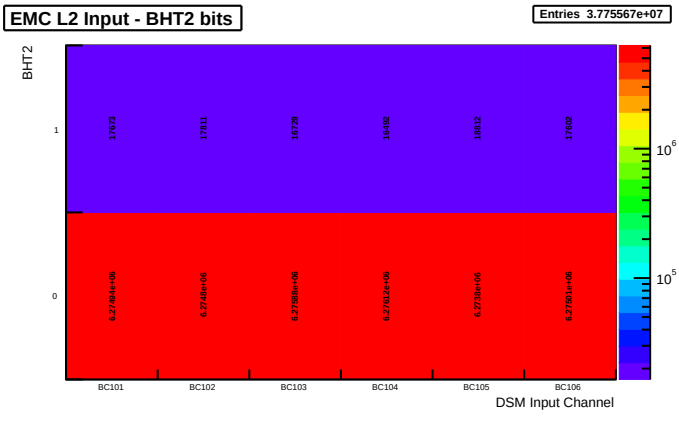

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

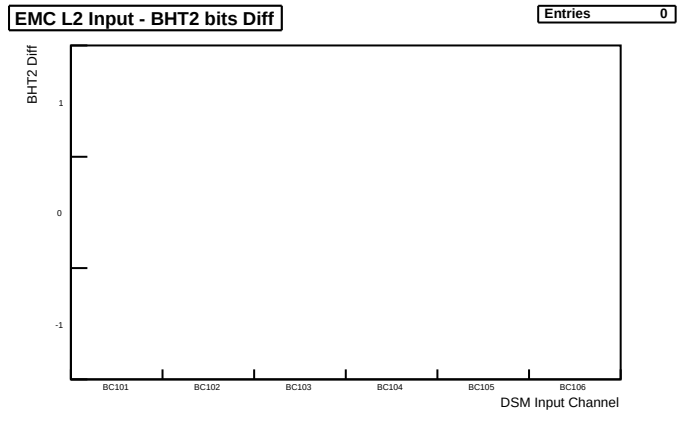

EMC L2 Input - BHT0 bits
Entries 3.775567e+07
BHT0
95080
95401
88106
88821
101352
91744
6.19753e+06
6.19721e+06
6.20451e+06
6.20379e+06
6.19126e+06
6.20087e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

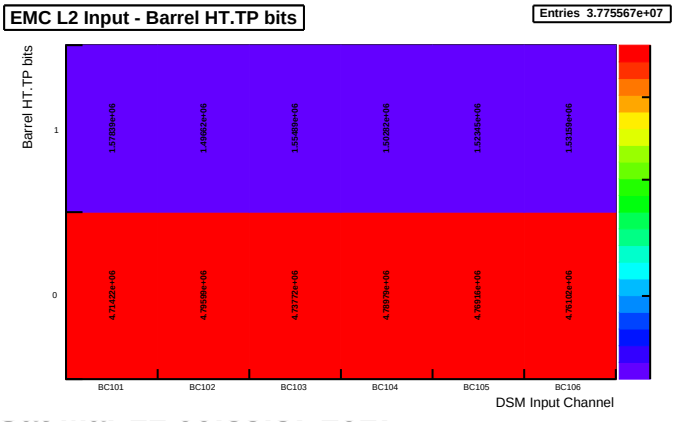

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

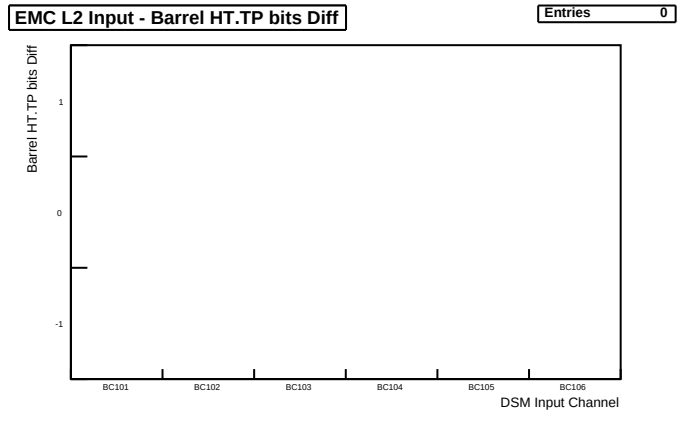

EMC L2 Input - BHT1 bits
Entries 3.775567e+07
BHT1
40838
42046
39156
38318
43886
39868
6.25167e+06
6.26957e+06
6.25446e+06
6.25929e+06
6.24873e+06
6.25274e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

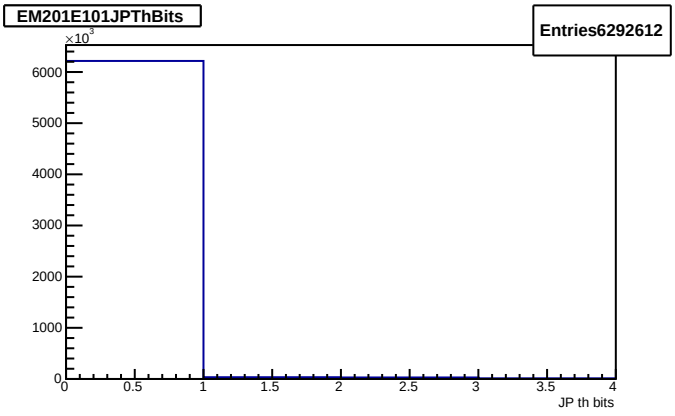

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

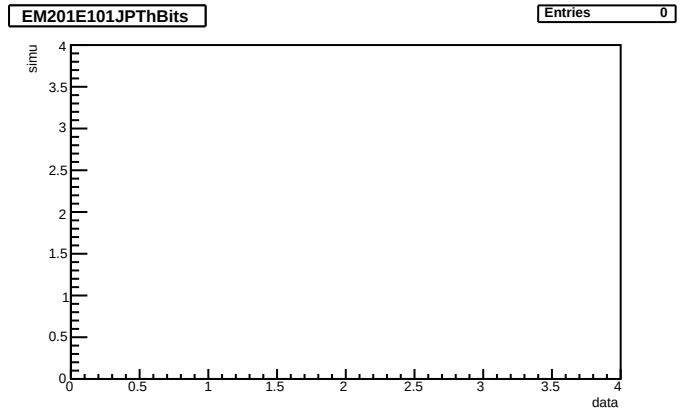

EMC L2 Input - BHT2 bits
Entries 3.775567e+07
BHT2
17673
17811
16729
16492
18312
17602
6.27494e+06
6.2748e+06
6.27988e+06
6.27612e+06
6.2738e+06
6.27501e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

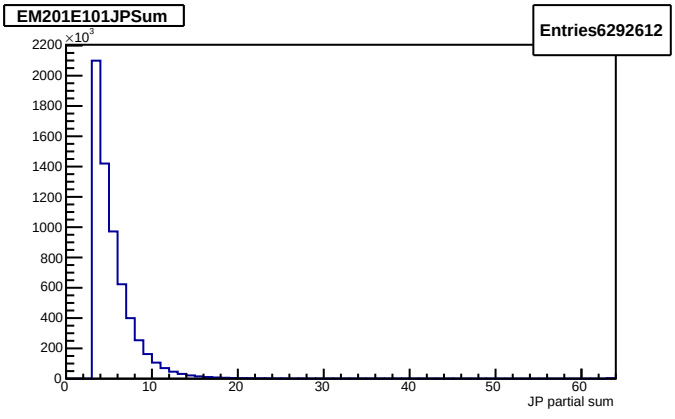

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

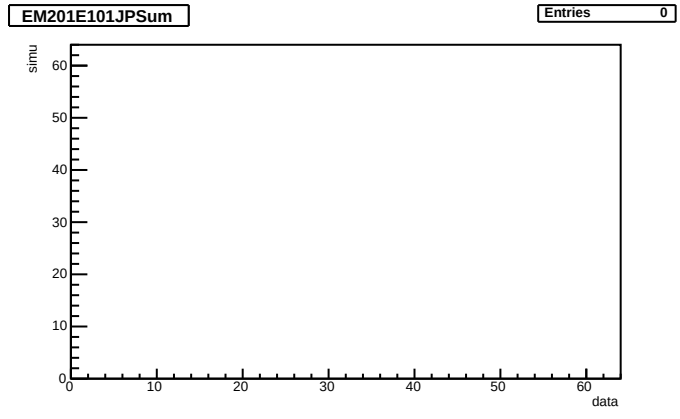

EMC L2 Input - Barrel HT.TP bits
Entries 3.775567e+07
Barrel HT.TP bits
1.57483e+06
1.49952e+06
1.55489e+06
1.50232e+06
1.52245e+06
1.53159e+06
4.71422e+06
4.78599e+06
4.73772e+06
4.78375e+06
4.76919e+06
4.76102e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

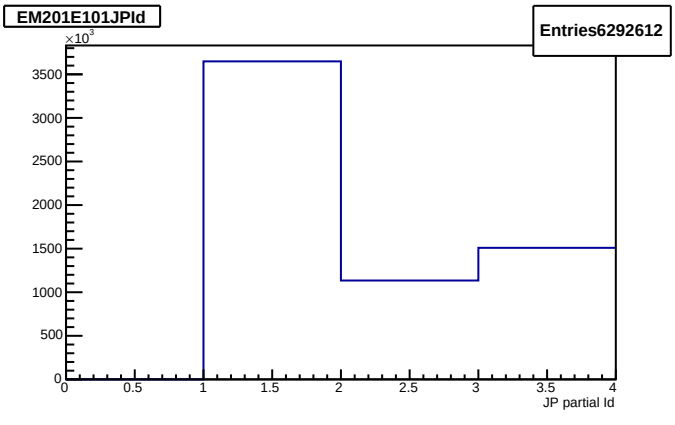

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

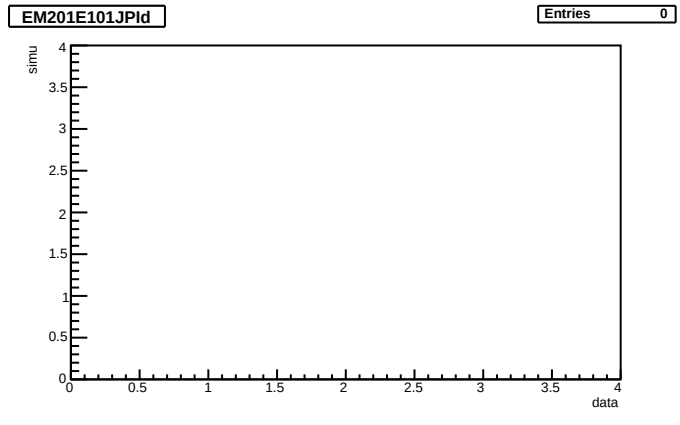

EM201E101JPThBits
Entries6292612
×10^3
JP th bits

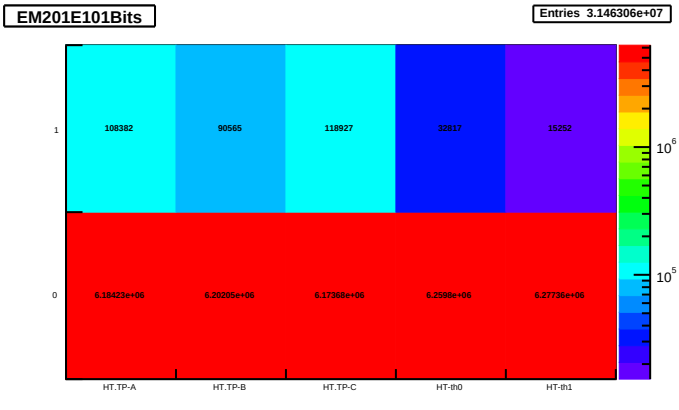

EM201E101JPThBits
Entries 0
simu
data

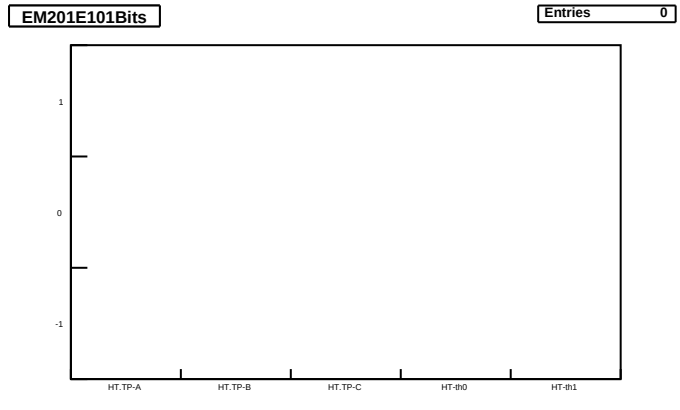

EM201E101JPSum
Entries6292612
×10^3
JP partial sum

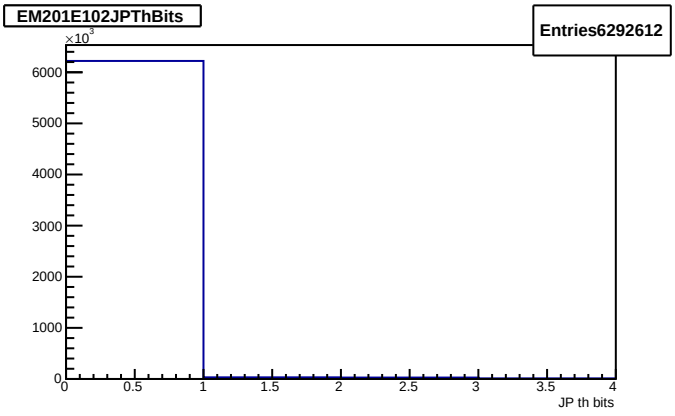

EM201E101JPSum
Entries 0
simu
data

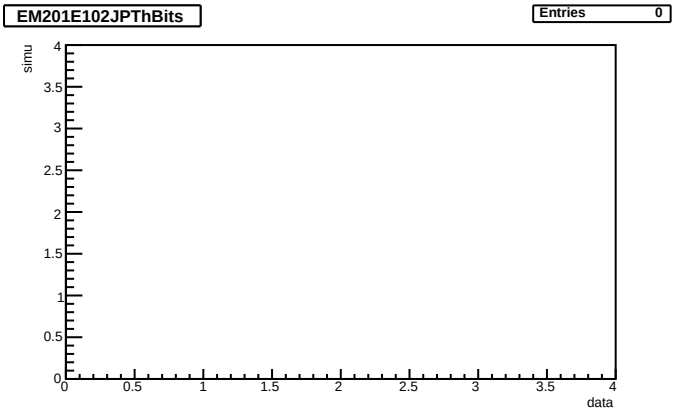

EM201E101JPId
Entries6292612
×10^3
JP partial Id

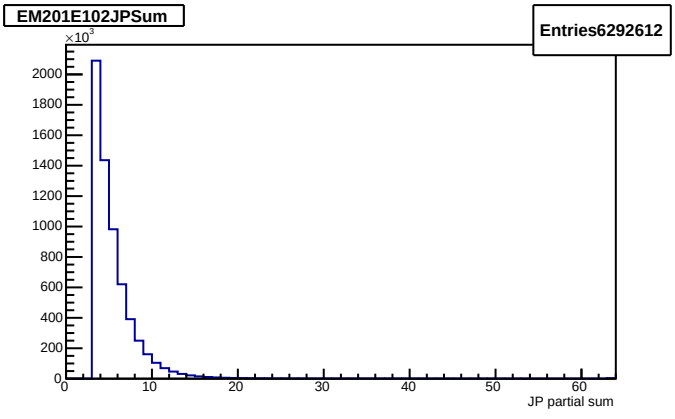

EM201E101JPId
Entries 0
simu
data

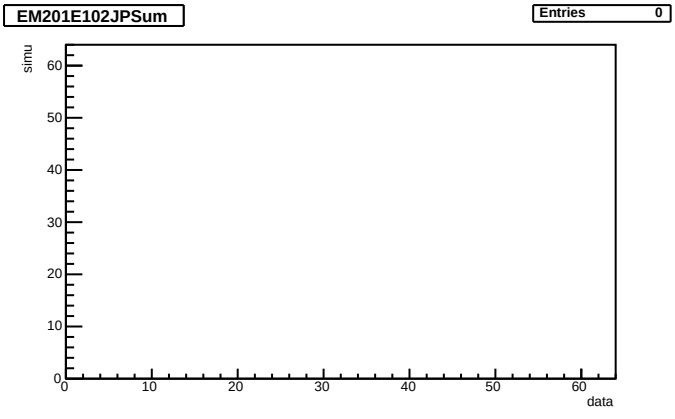

EM201E101Bits
Entries 3.146306e+07
108382
90565
118927
32817
15252
6.18423e+06
6.20205e+06
6.17368e+06
6.2509e+06
6.27736e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

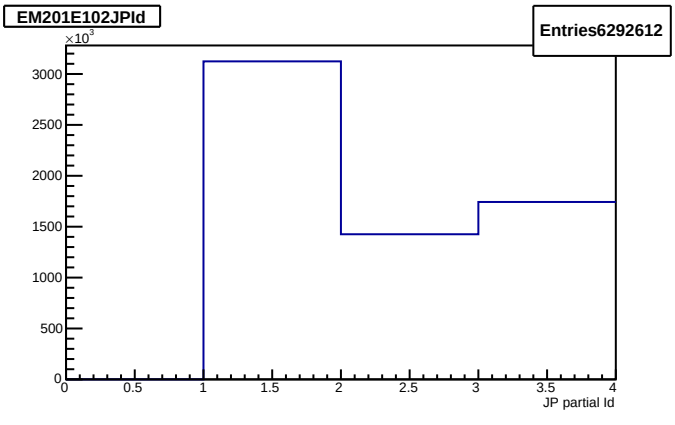

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

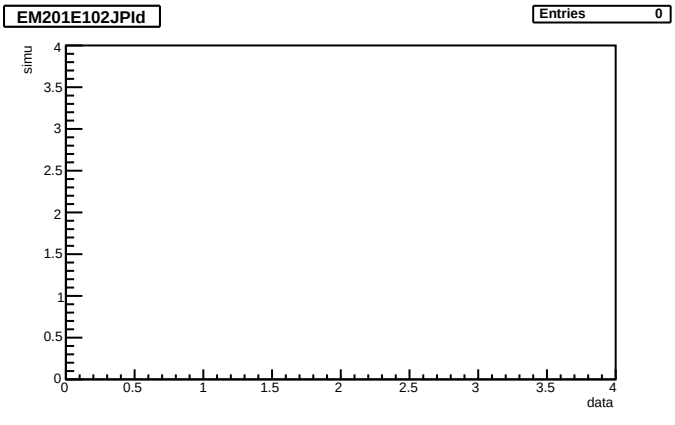

EM201E102JPThBits
Entries6292612
×10^3
JP th bits

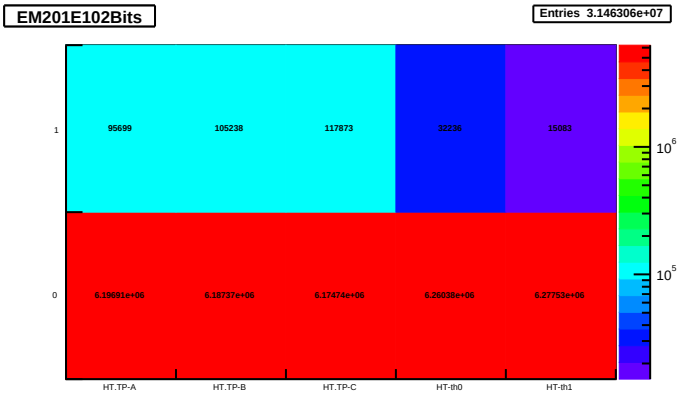

EM201E102JPThBits
Entries 0
simu
data

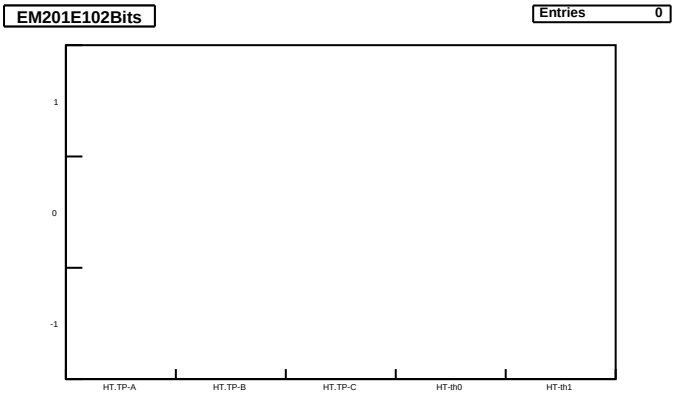

EM201E102JPSum
Entries6292612
×10^3
JP partial sum

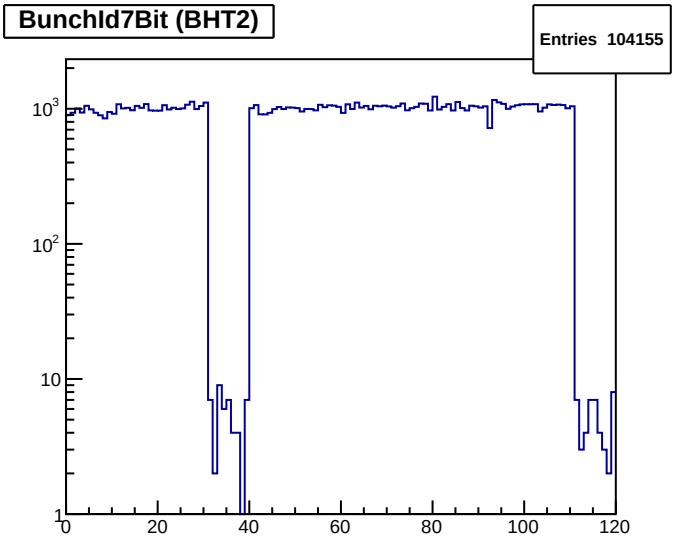

EM201E102JPSum
Entries 0
simu
data

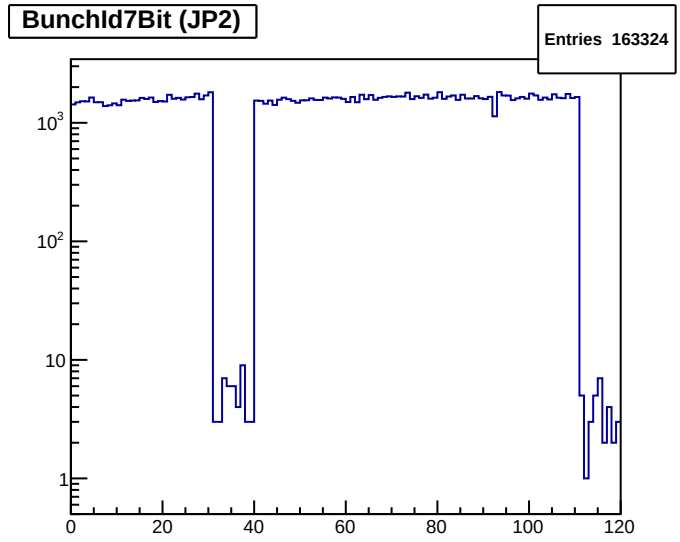

EM201E102JPId
Entries6292612
×10^3
JP partial Id

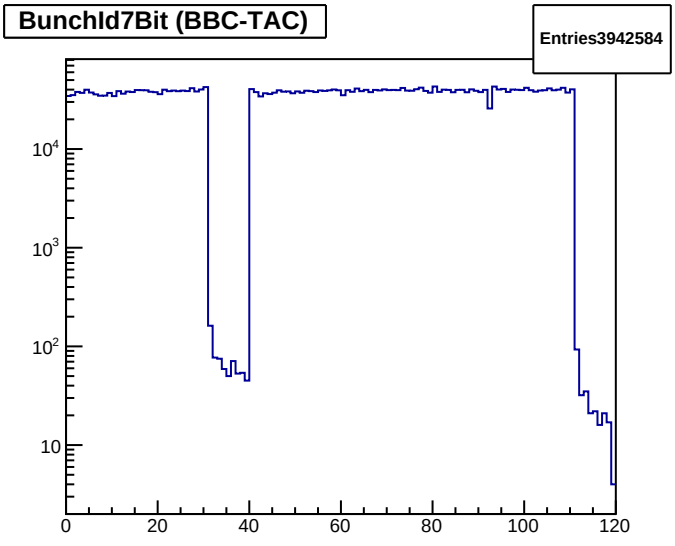

EM201E102JPId
Entries 0
simu
data

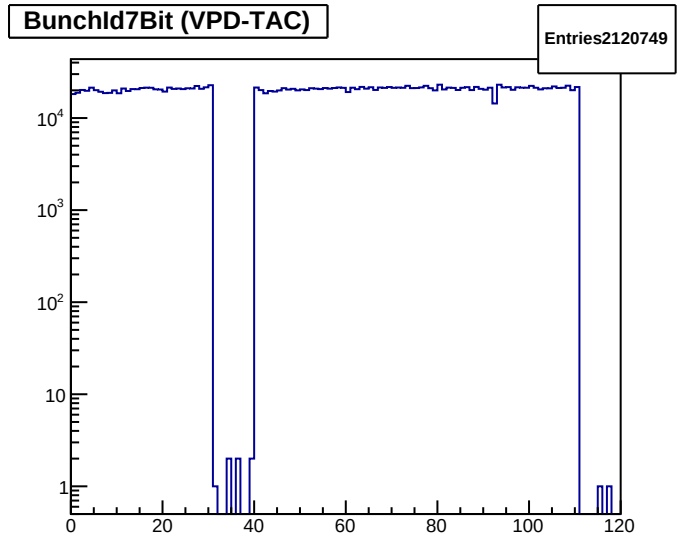

EM201E102Bits
Entries 3.146306e+07
95699
105238
117873
32236
15083
6.19691e+06
6.18737e+06
6.17474e+06
6.26038e+06
6.27753e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

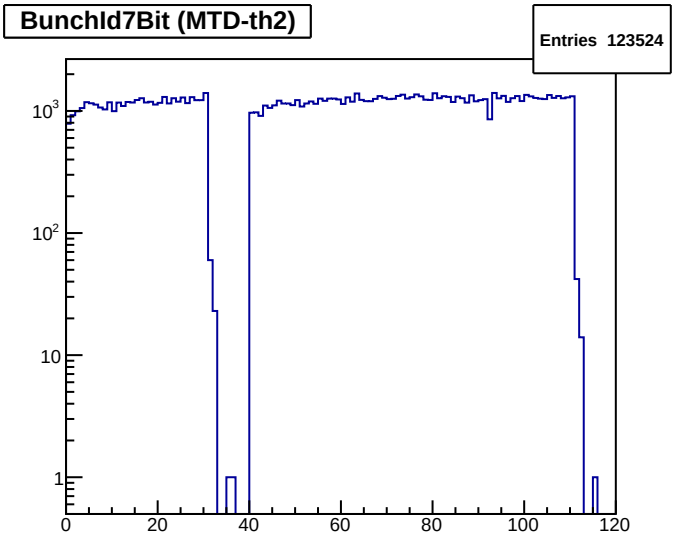

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

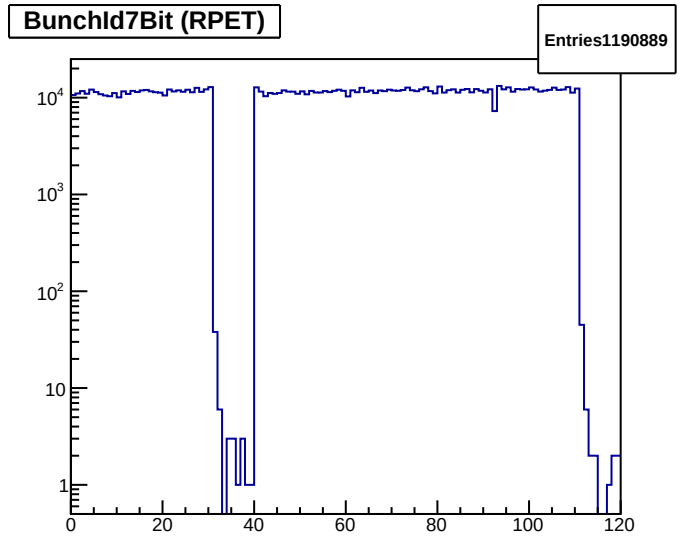

BunchId7Bit (BHT2)
Entries 104155

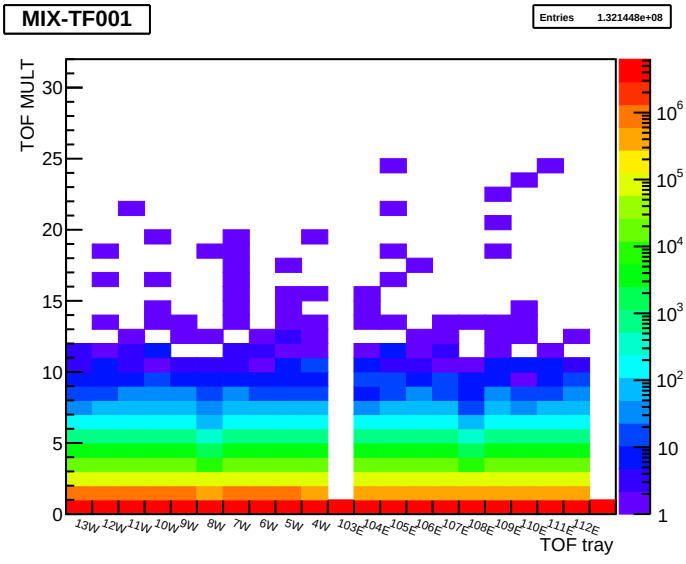

BunchId7Bit (JP2)
Entries 163324

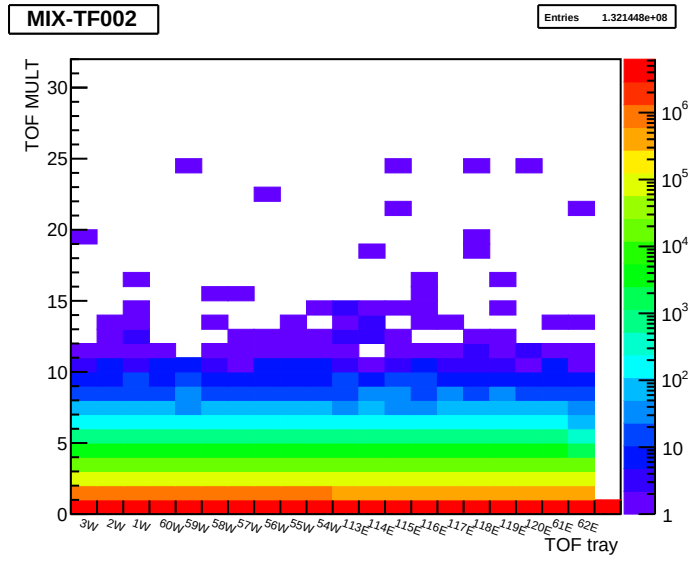

BunchId7Bit (BBC-TAC)
Entries3942584

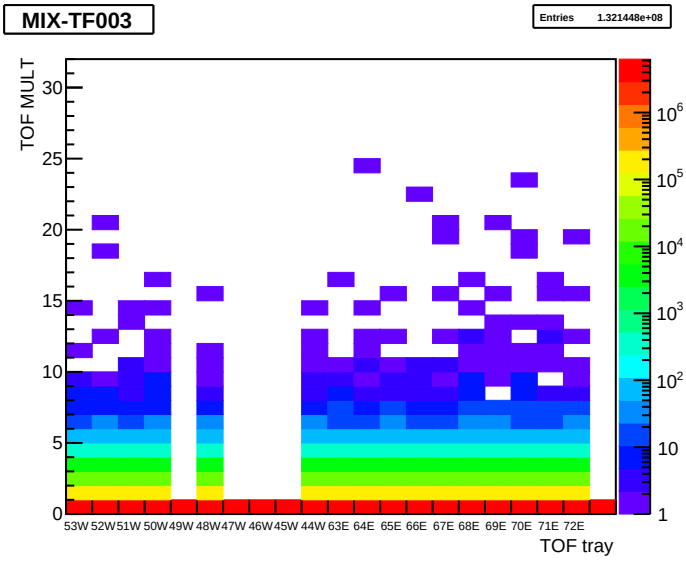

BunchId7Bit (VPD-TAC)
Entries2120749

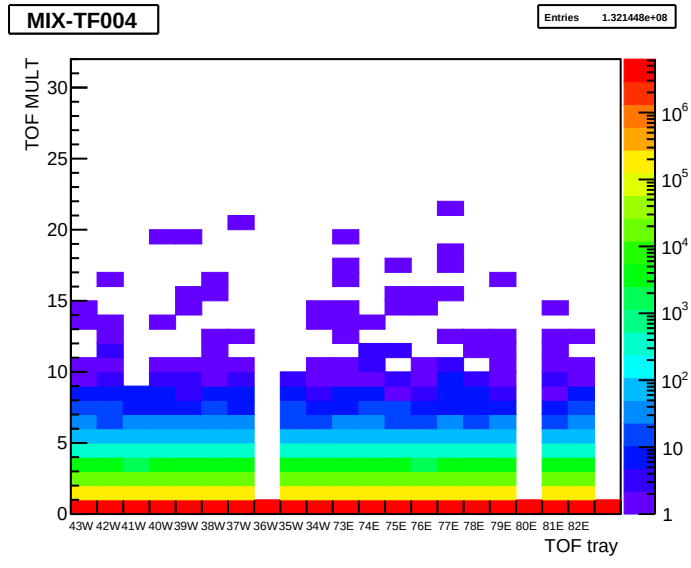

BunchId7Bit (MTD-th2)
Entries 123524

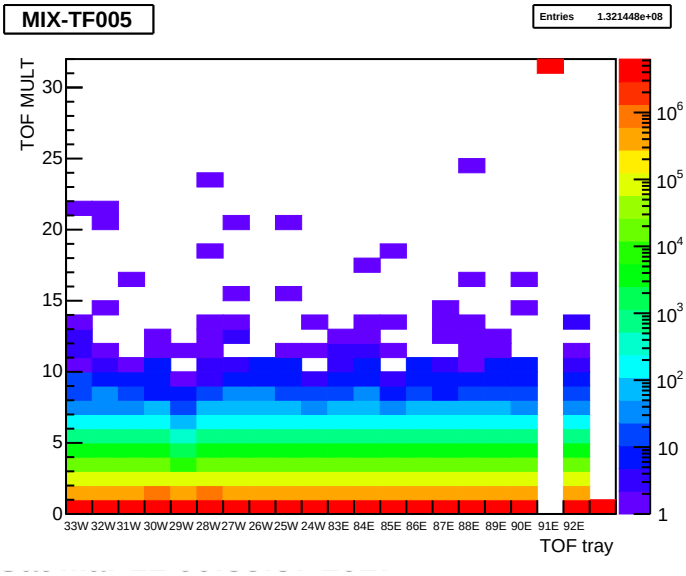

BunchId7Bit (RPET)
Entries1190889

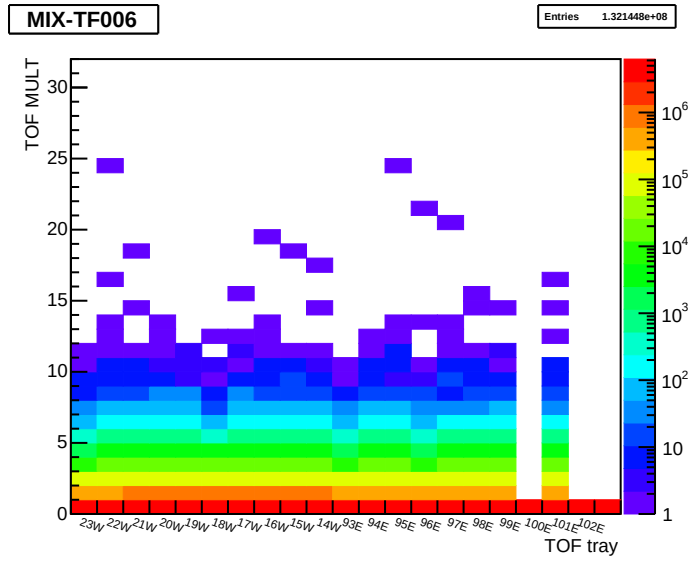

MIX-TF001
Entries 1.321448e+08
TOF MULT
TOF tray

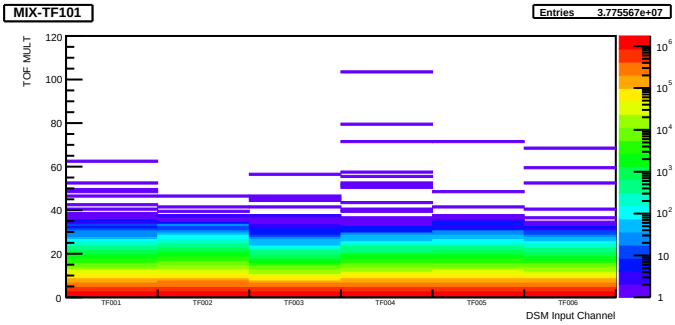

MIX-TF002
Entries 1.321448e+08
TOF MULT
TOF tray

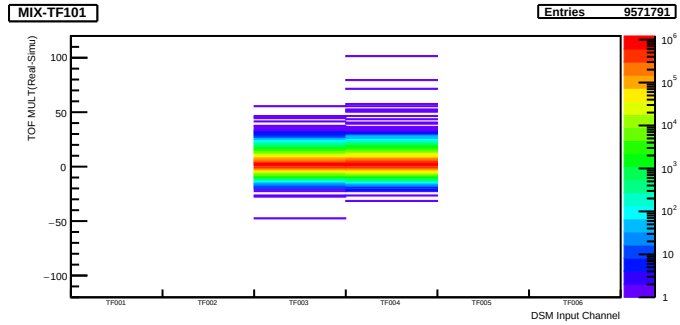

MIX-TF003
Entries 1.321448e+08
TOF MULT
TOF tray

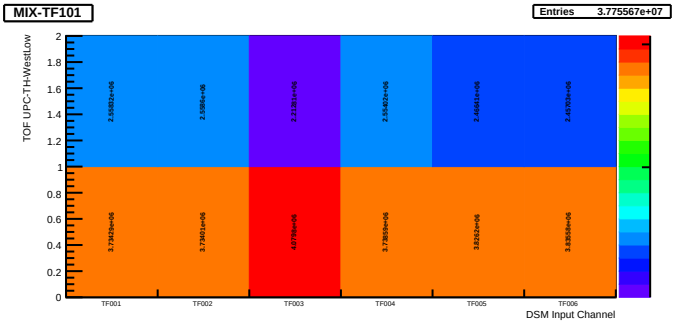

MIX-TF004
Entries 1.321448e+08
TOF MULT
TOF tray

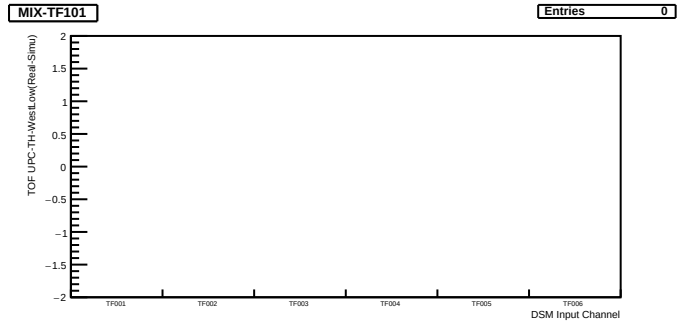

MIX-TF005
Entries 1.321448e+08
TOF MULT
TOF tray

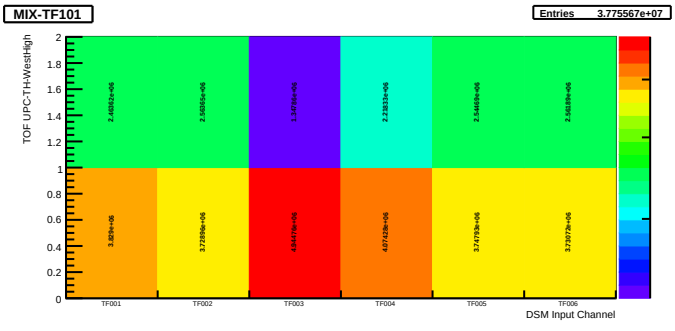

MIX-TF006
Entries 1.321448e+08
TOF MULT
TOF tray

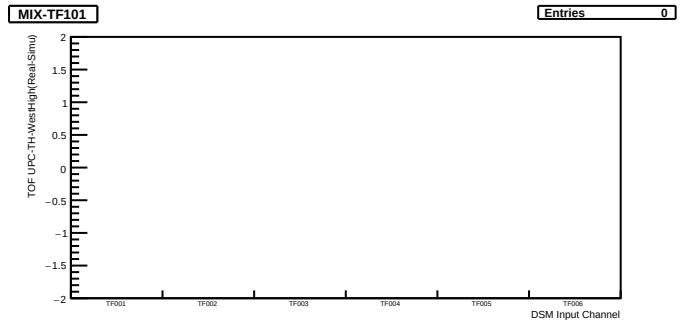

MIX-TF101
Entries 3.775567e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

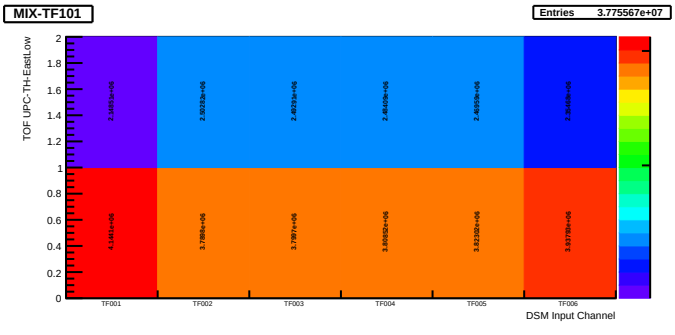

MIX-TF101
Entries 9571791
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

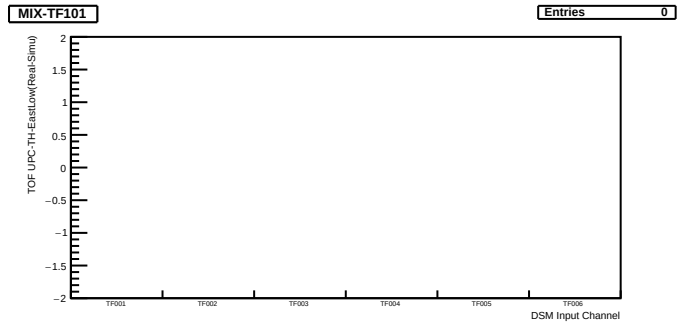

MIX-TF101
Entries 3.775567e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

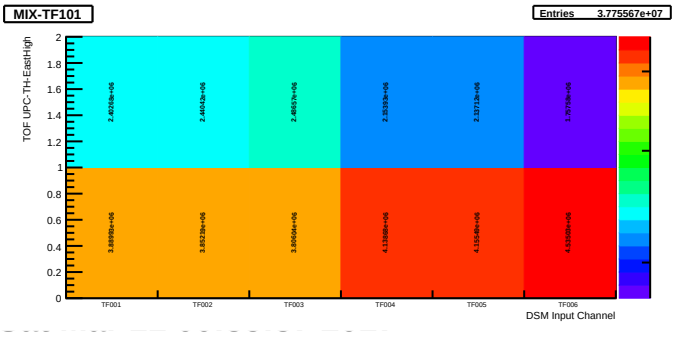

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

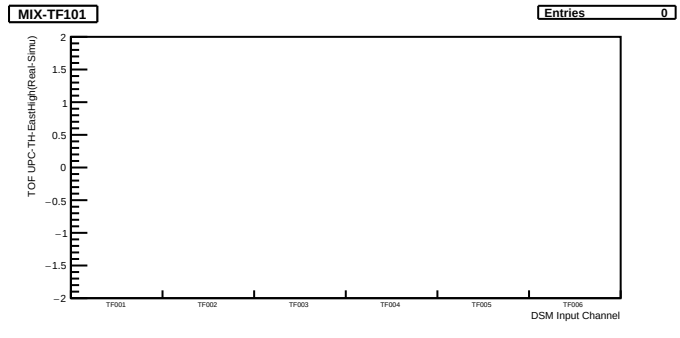

MIX-TF101
Entries 3.775567e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

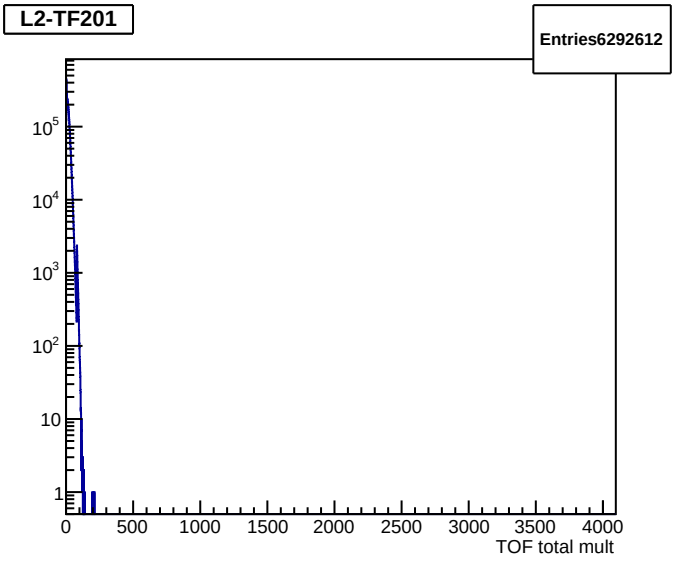

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

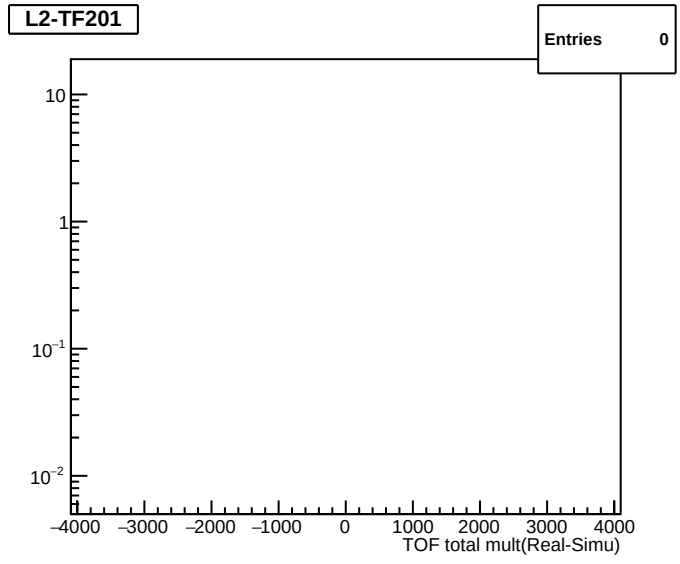

MIX-TF101
Entries 3.775567e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

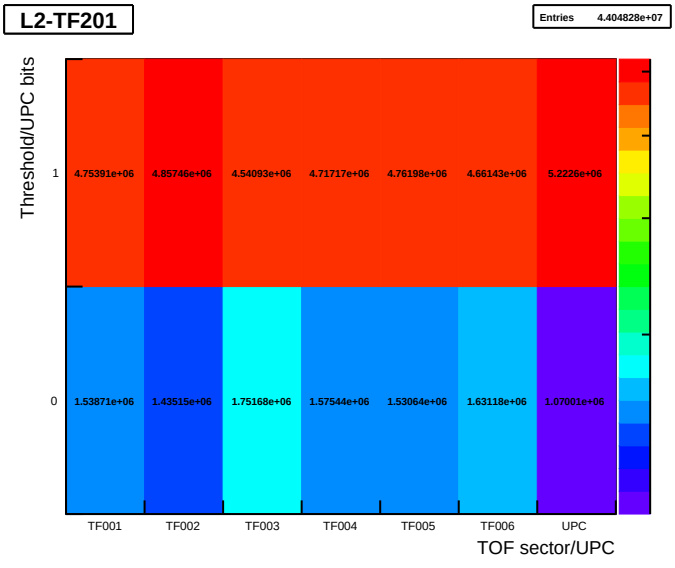

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

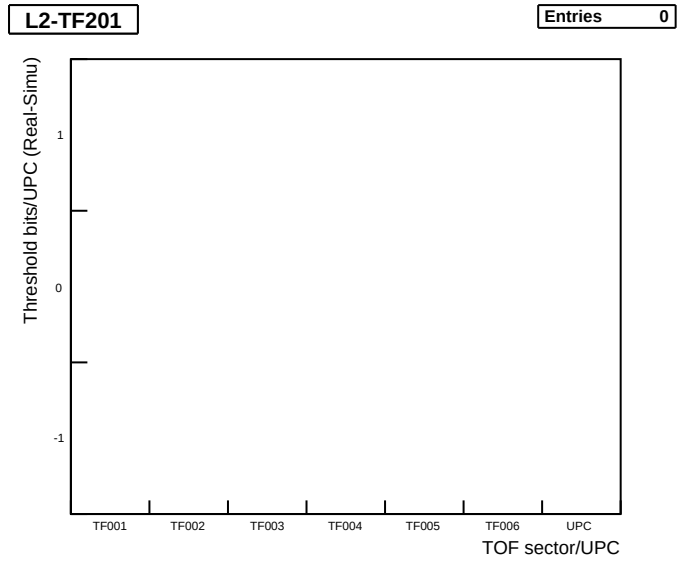

MIX-TF101
Entries 3.775567e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

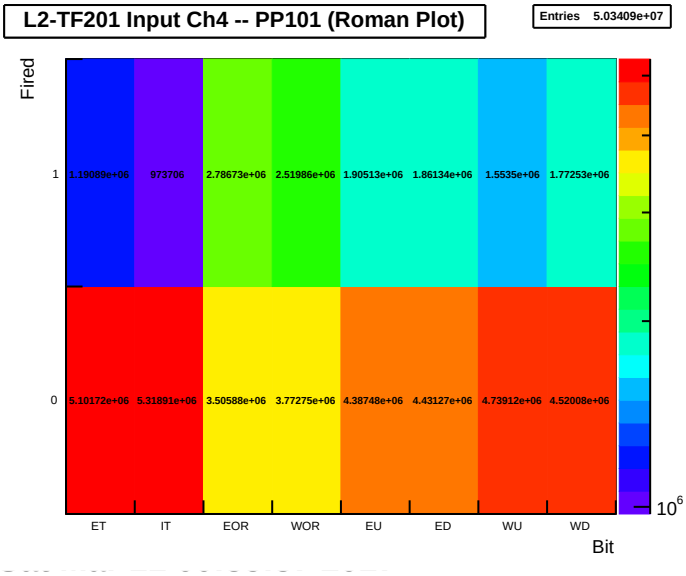

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

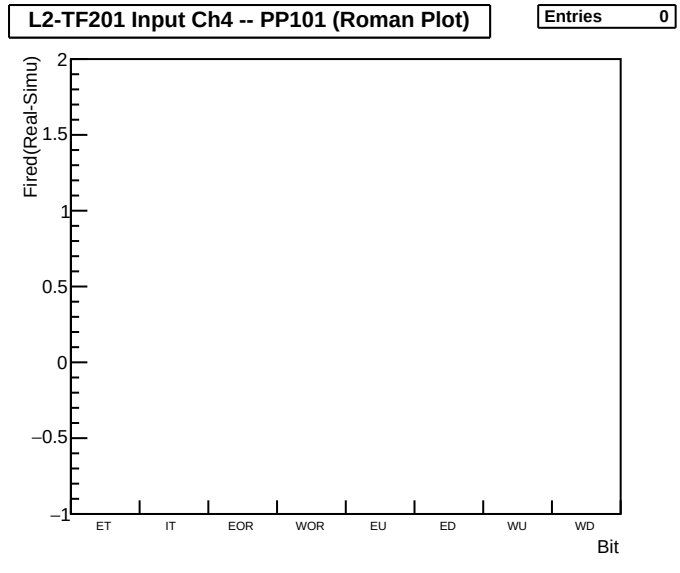

L2-TF201
Entries6292612
TOF total mult

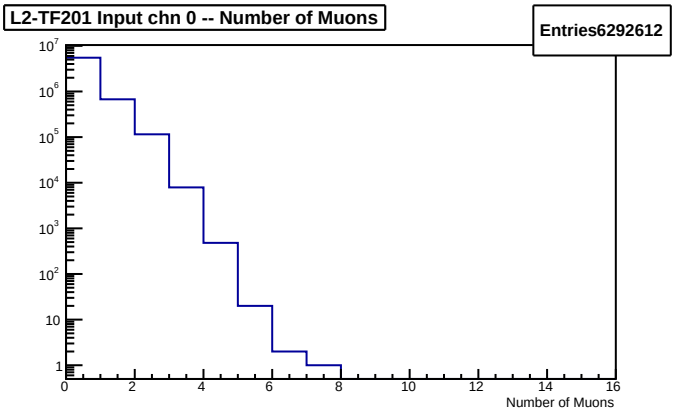

L2-TF201
Entries 0
TOF total mult(Real-Simu)

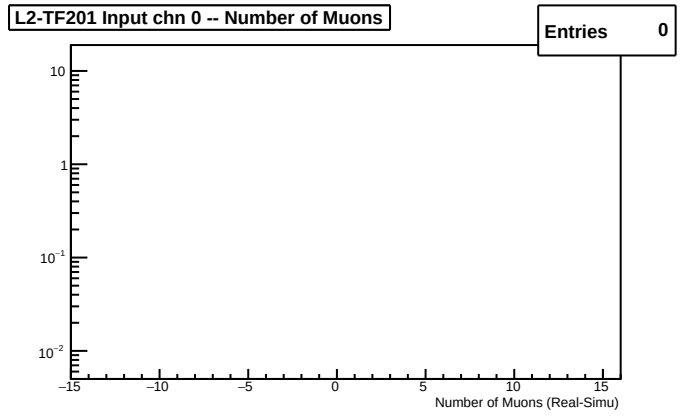

L2-TF201
Entries 4.404828e+07
Threshold/UPC bits
4.75391e+06
4.85746e+06
4.54093e+06
4.71717e+06
4.76198e+06
4.66143e+06
5.2226e+06
1.53871e+06
1.43515e+06
1.75168e+06
1.57544e+06
1.53064e+06
1.63118e+06
1.07001e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

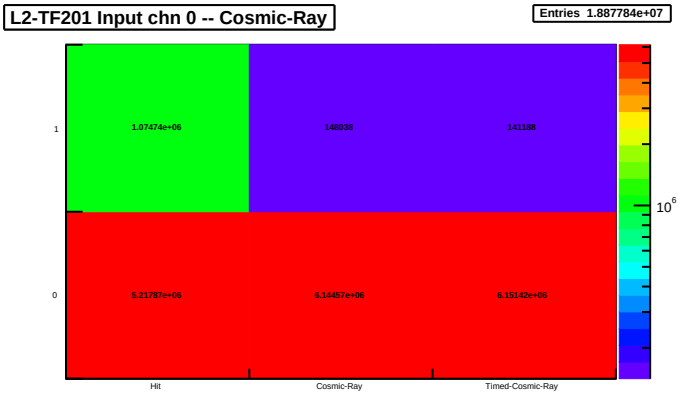

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

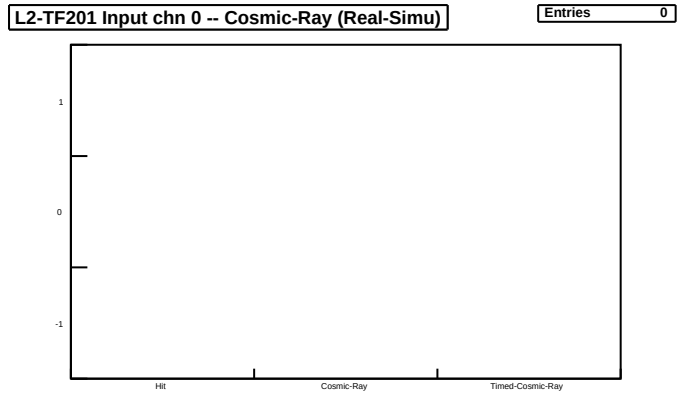

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.03409e+07
Fired
1.19089e+06
973706
2.78673e+06
2.51986e+06
1.90513e+06
1.86134e+06
1.5535e+06
1.77253e+06
5.10172e+06
5.31891e+06
3.50588e+06
3.77275e+06
4.38748e+06
4.43127e+06
4.73912e+06
4.52008e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

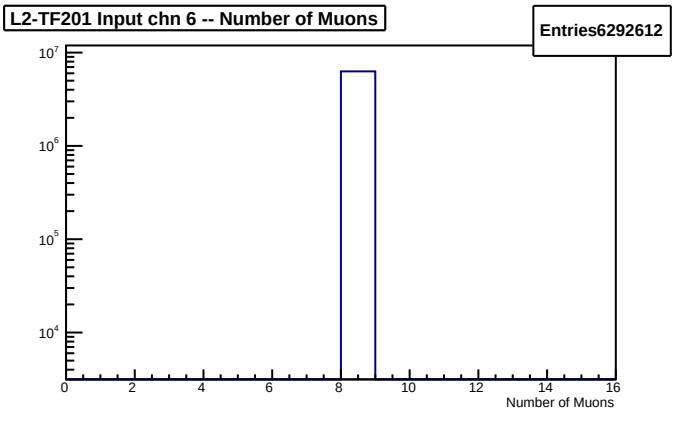

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

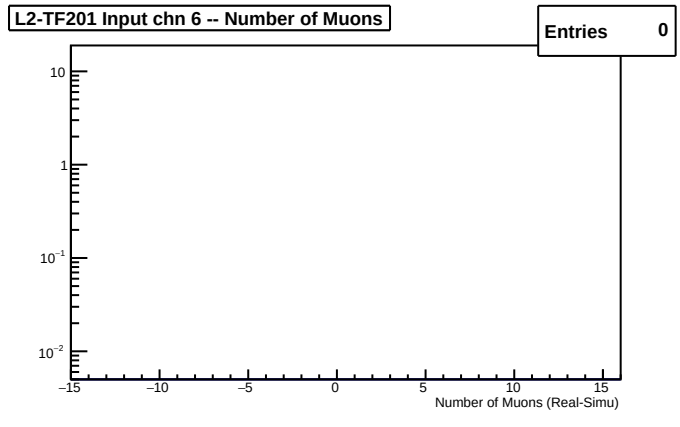

L2-TF201 Input chn 0 -- Number of Muons
Entries6292612
Number of Muons

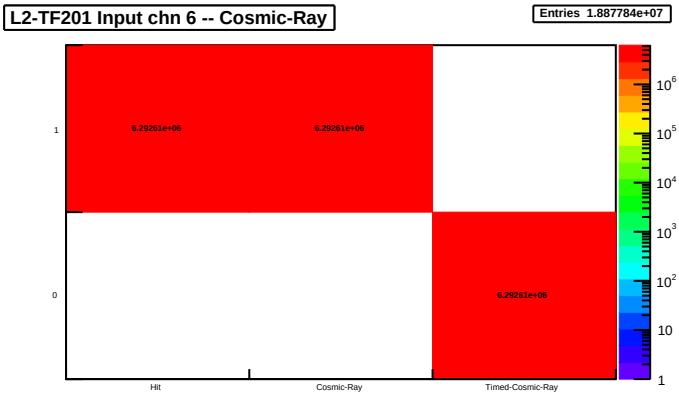

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

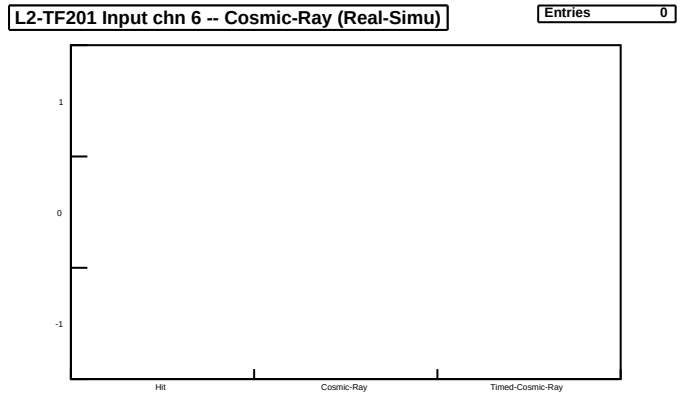

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.887784e+07
1.07474e+06
148038
141188
5.21787e+06
6.14457e+06
6.15142e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

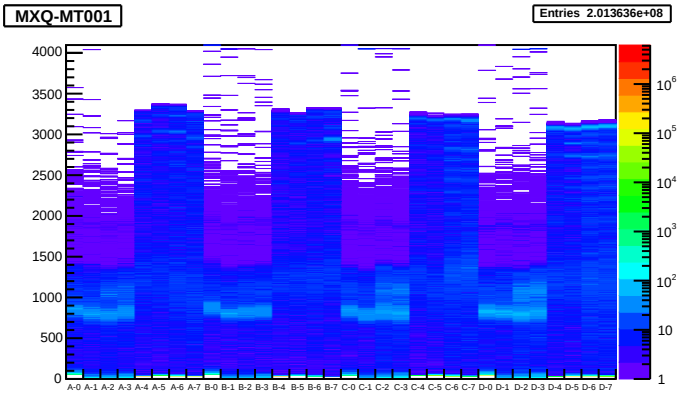

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

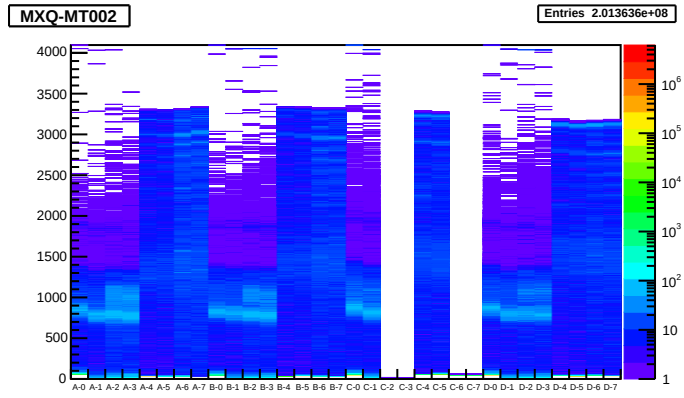

L2-TF201 Input chn 6 -- Number of Muons
Entries6292612
Number of Muons

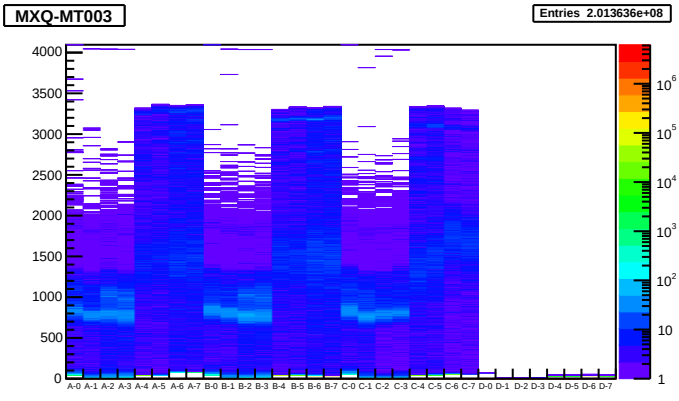

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

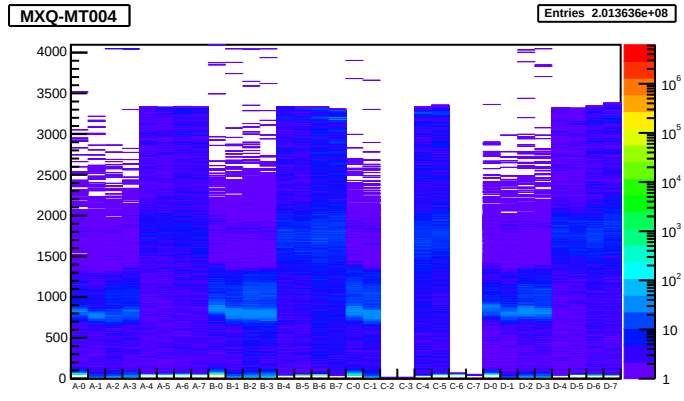

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.887784e+07
6.29261e+06
6.29261e+06
6.29261e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

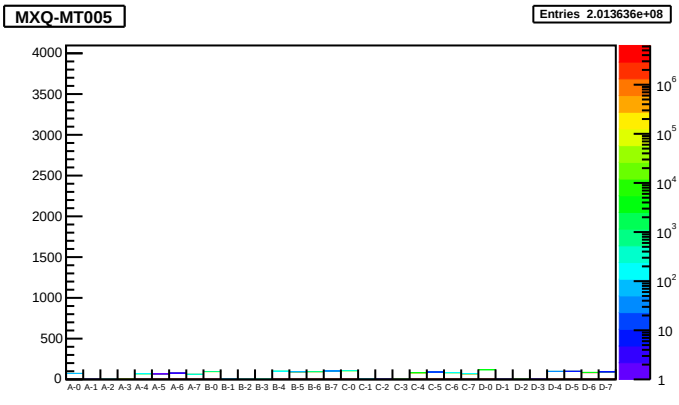

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

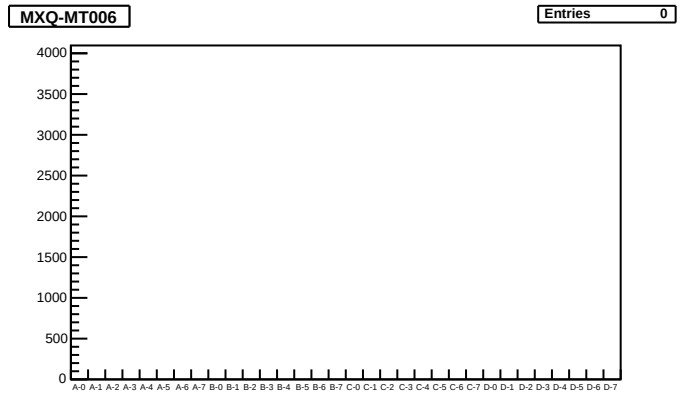

MXQ-MT001
Entries 2.013636e+08

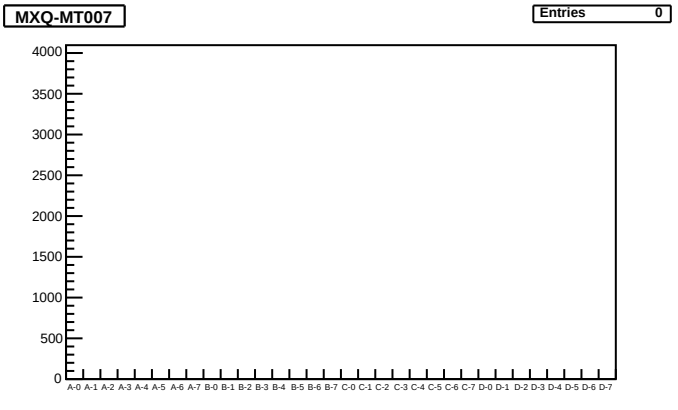

MXQ-MT002
Entries 2.013636e+08

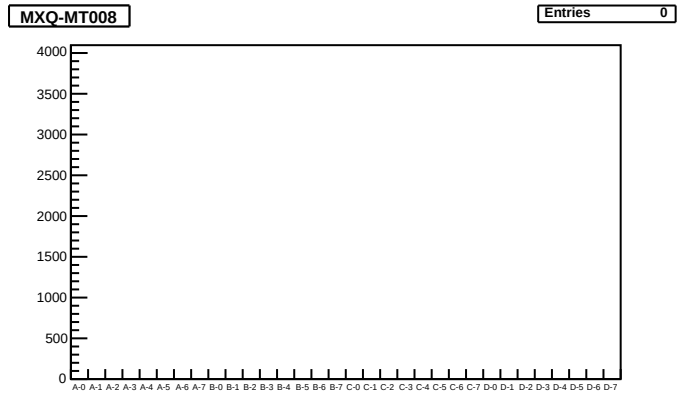

MXQ-MT003
Entries 2.013636e+08

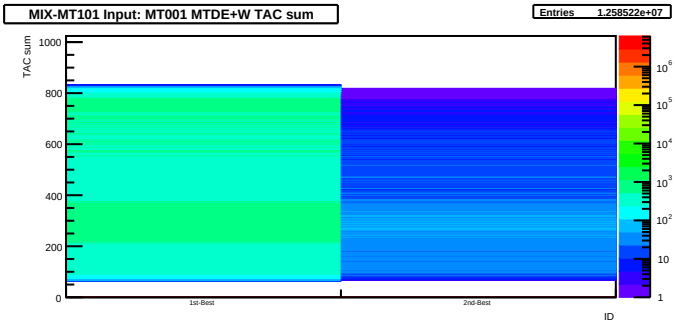

MXQ-MT004
Entries 2.013636e+08

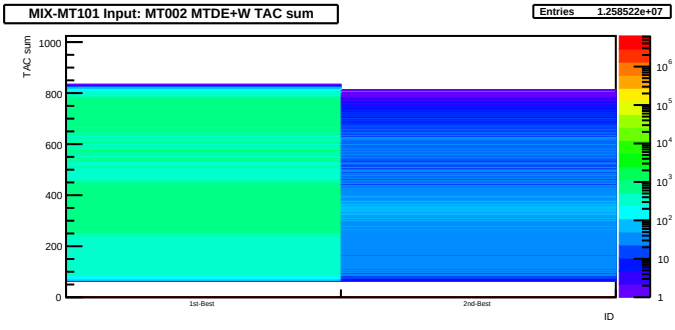

MXQ-MT005
Entries 2.013636e+08

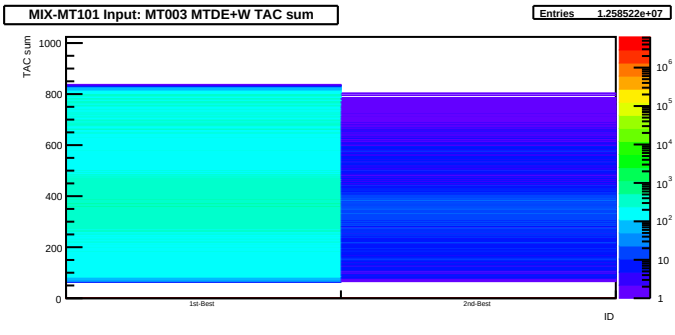

MXQ-MT006
Entries 0

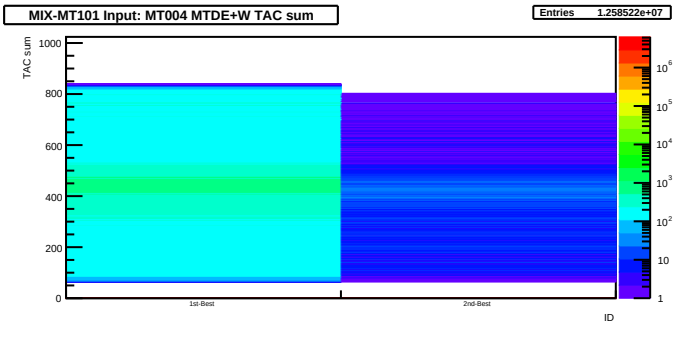

MXQ-MT007
Entries 0

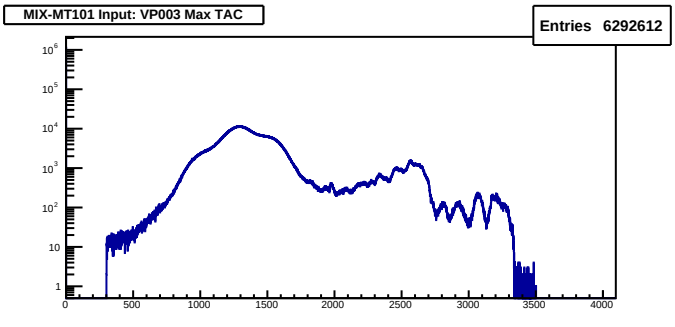

MXQ-MT008
Entries 0

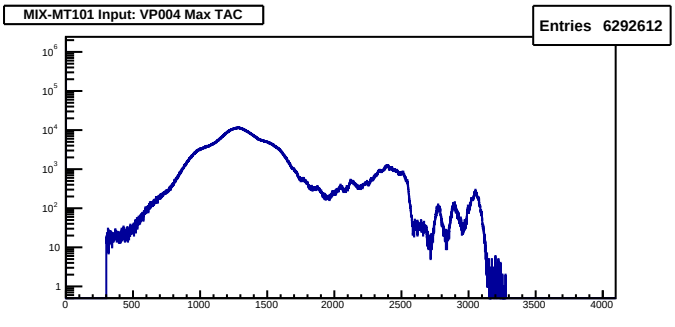

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.258522e+07
TAC sum
1st-Best
2nd-Best
ID

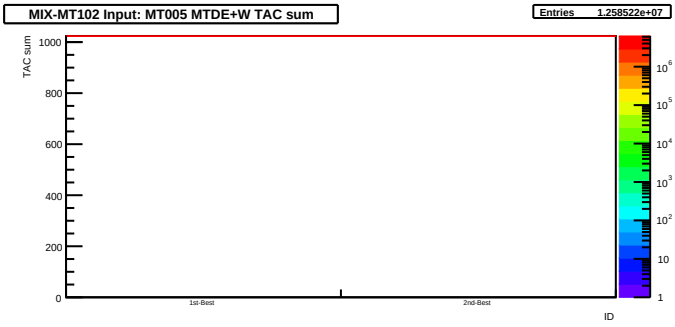

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.258522e+07
TAC sum
1st-Best
2nd-Best
ID

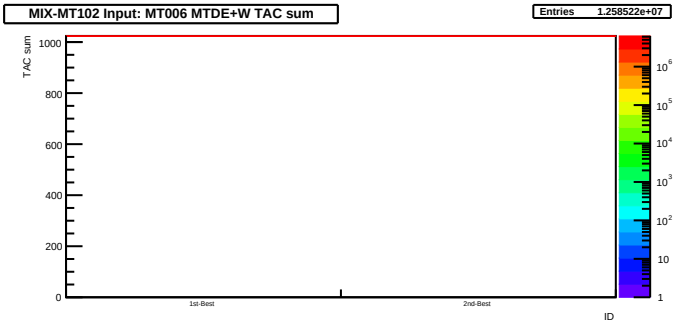

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.258522e+07
TAC sum
1st-Best
2nd-Best
ID

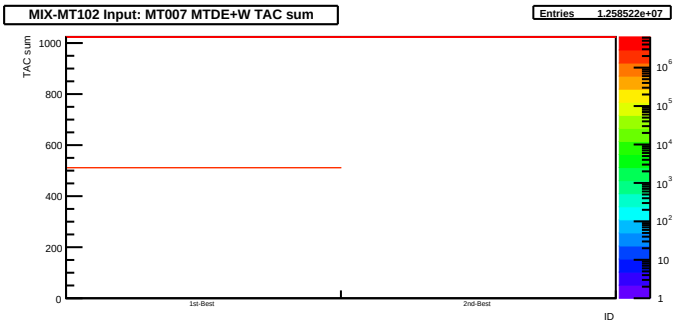

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.258522e+07
TAC sum
1st-Best
2nd-Best
ID

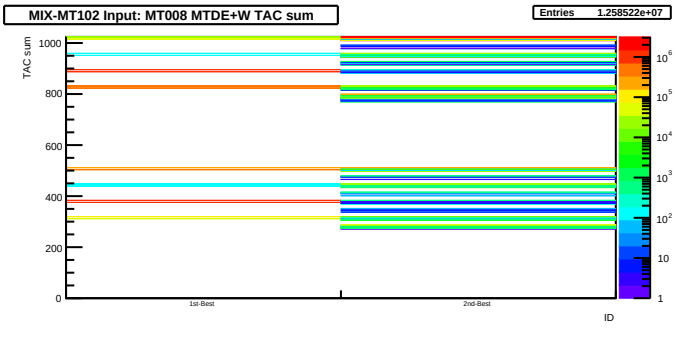

MIX-MT101 Input: VP003 Max TAC
Entries 6292612

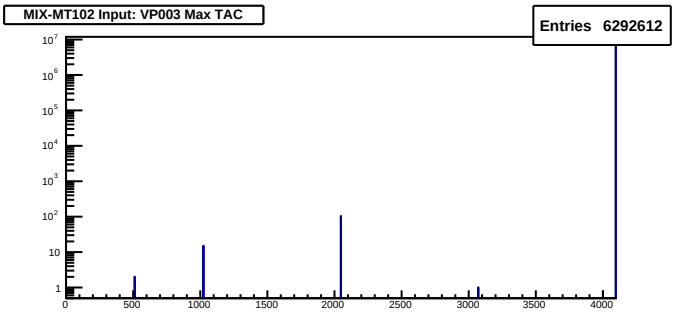

MIX-MT101 Input: VP004 Max TAC
Entries 6292612

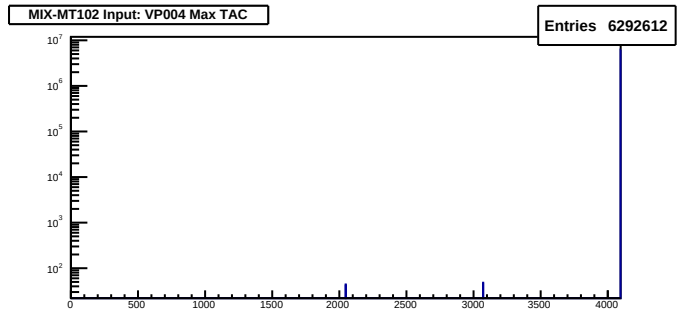

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1.258522e+07
TAC sum
1st-Best
2nd-Best
ID

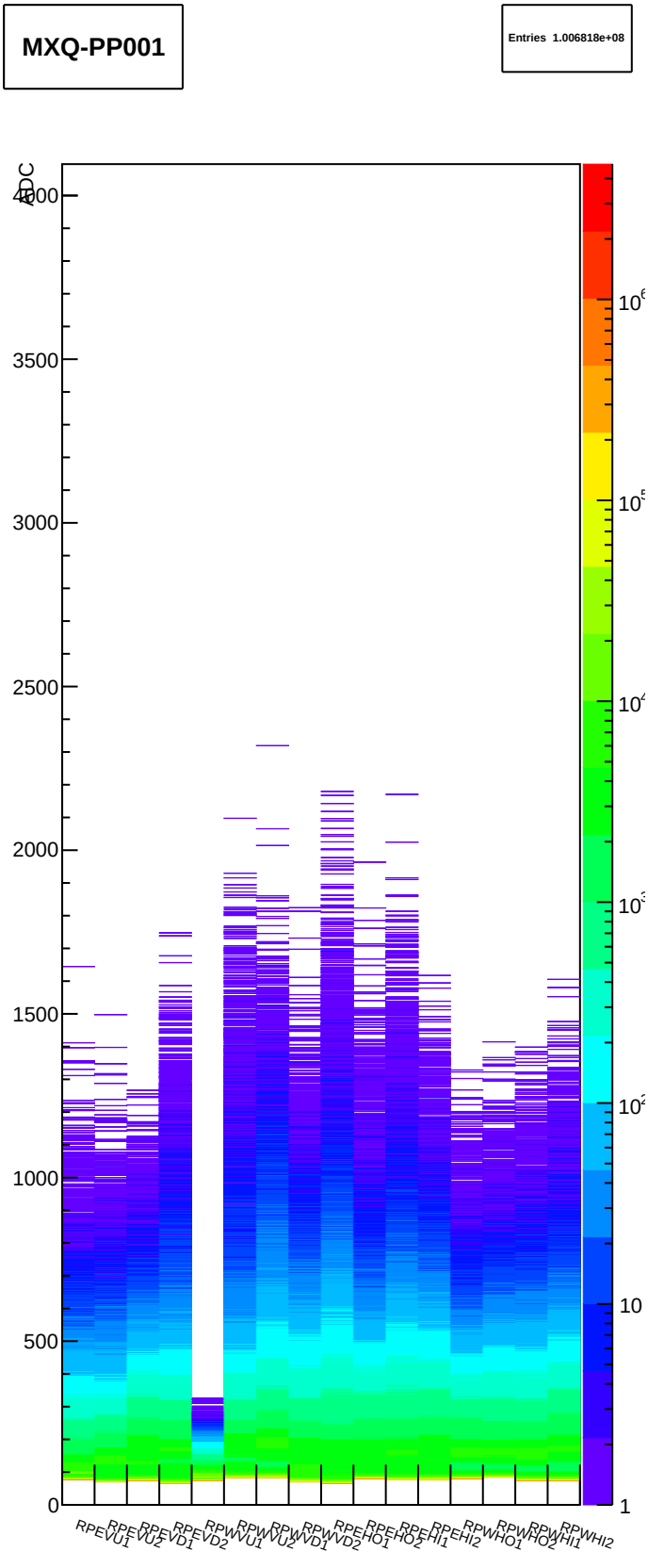

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1.258522e+07
TAC sum
1st-Best
2nd-Best
ID

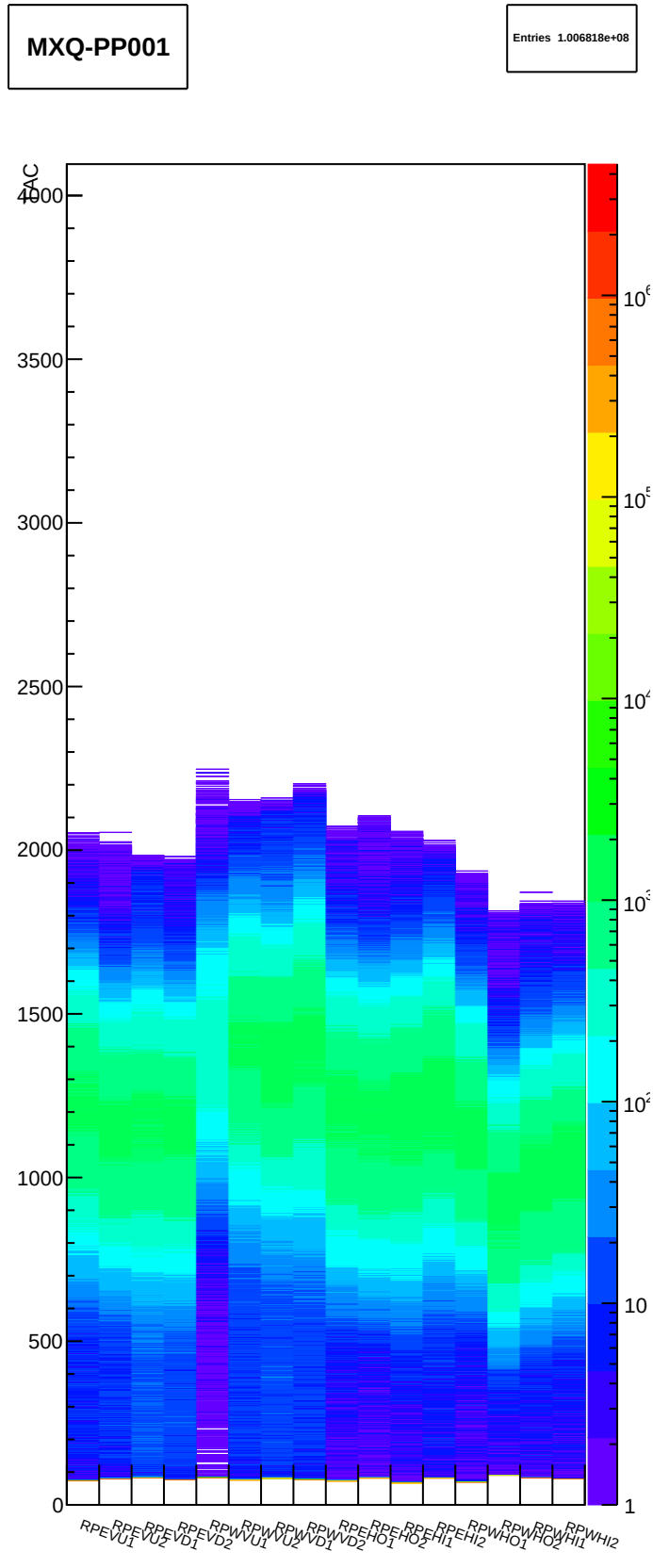

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1.258522e+07
TAC sum
1st-Best
2nd-Best
ID

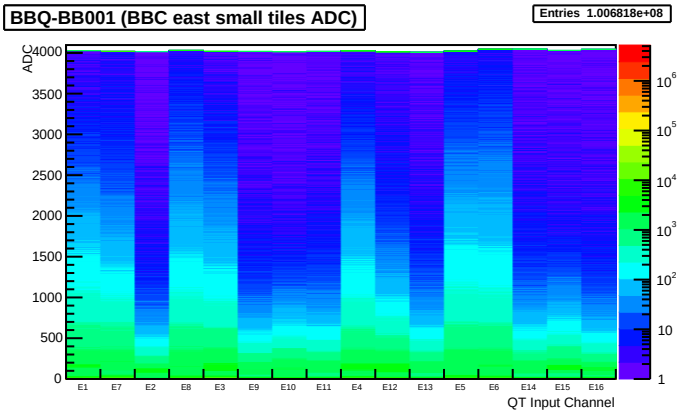

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1.258522e+07
TAC sum
1st-Best
2nd-Best
ID

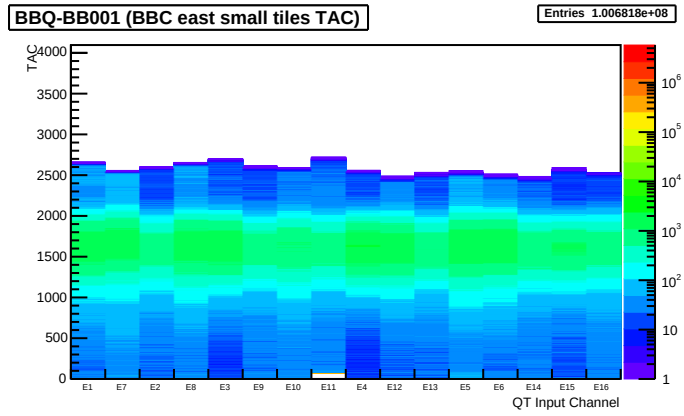

MIX-MT102 Input: VP003 Max TAC
Entries 6292612

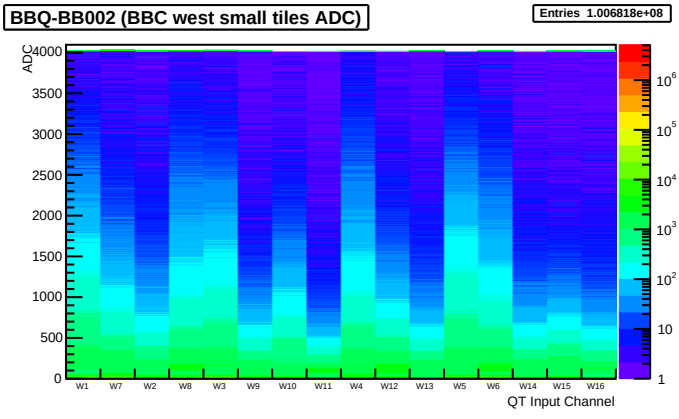

MIX-MT102 Input: VP004 Max TAC
Entries 6292612

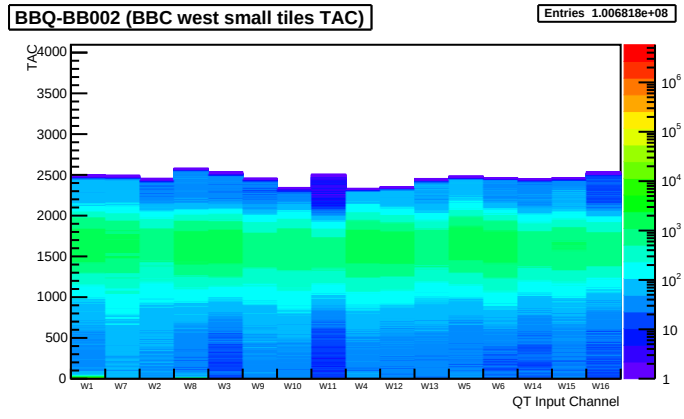

MXQ-PP001
Entries 1.006818e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

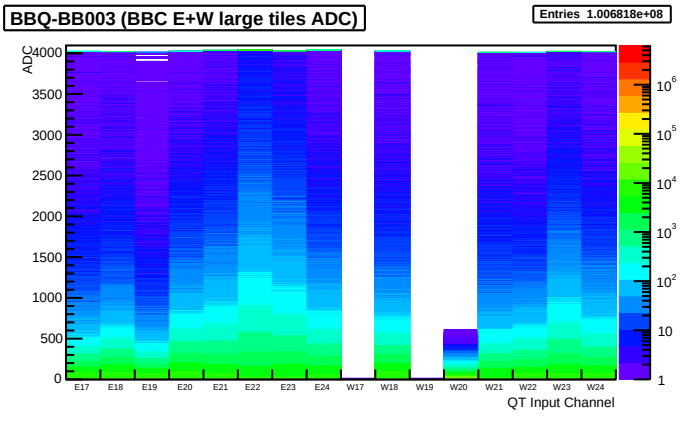

MXQ-PP001
Entries 1.006818e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

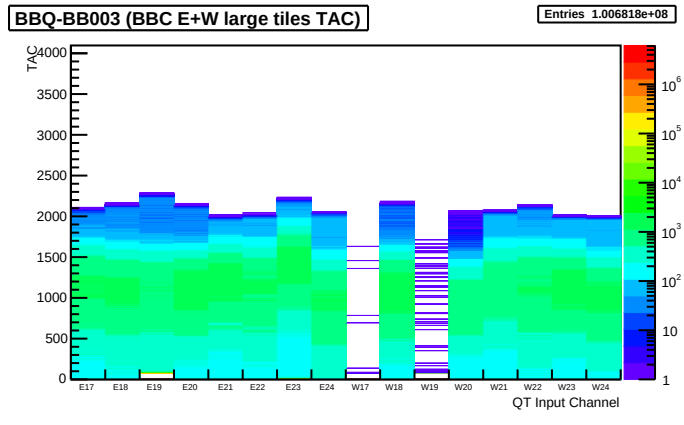

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.006818e+08
ADC
QT Input Channel

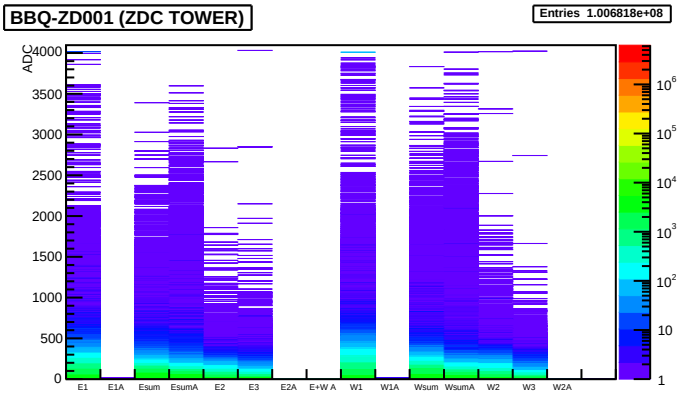

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.006818e+08
TAC
QT Input Channel

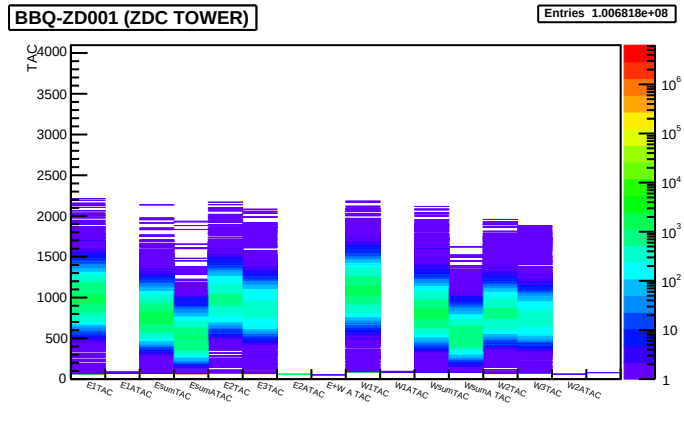

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.006818e+08
ADC
QT Input Channel

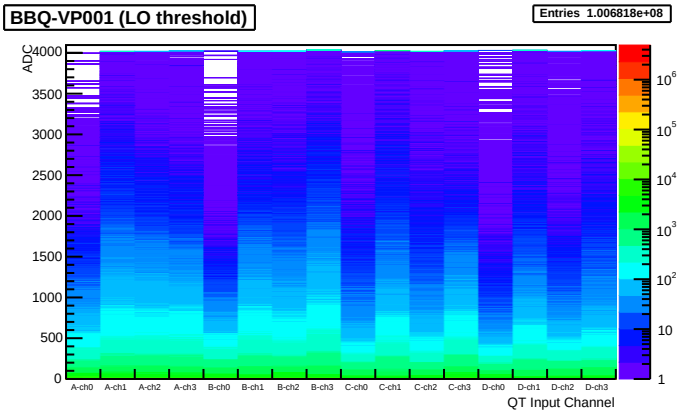

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.006818e+08
TAC
QT Input Channel

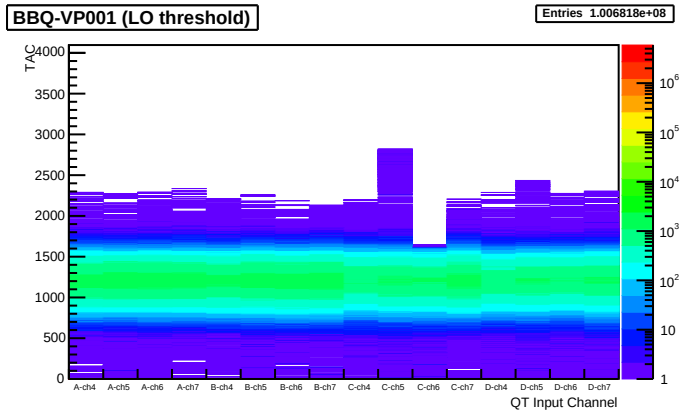

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.006818e+08
ADC
QT Input Channel

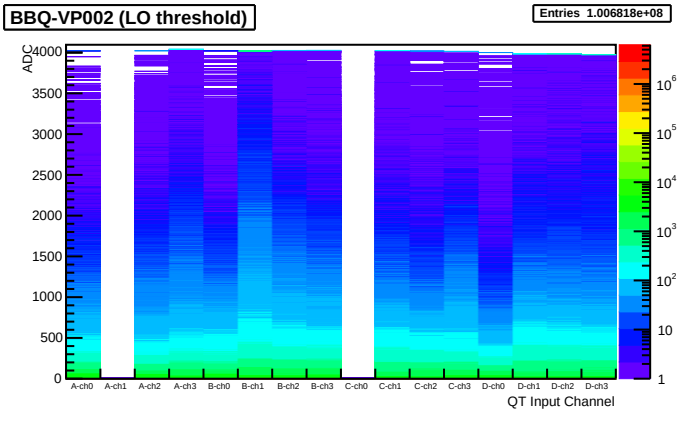

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.006818e+08
TAC
QT Input Channel

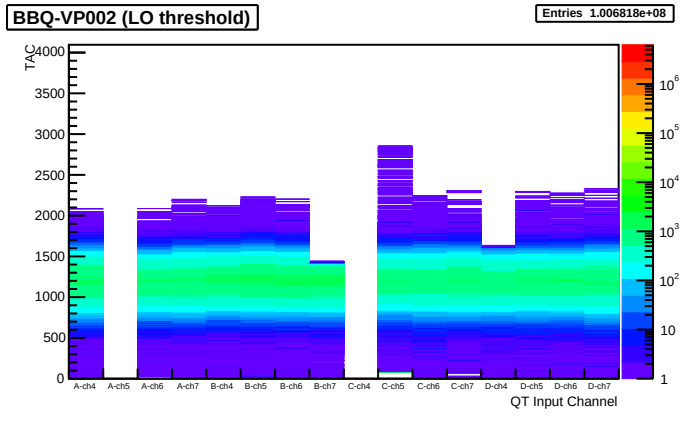

BBQ-ZD001 (ZDC TOWER)
Entries 1.006818e+08
ADC

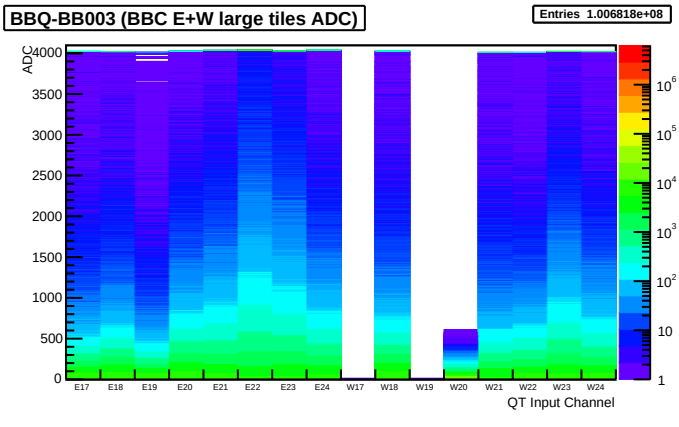

BBQ-ZD001 (ZDC TOWER)
Entries 1.006818e+08
TAC

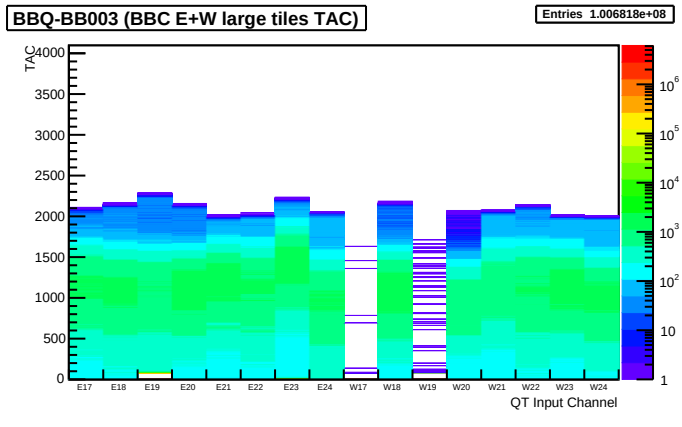

BBQ-VP001 (LO threshold)
Entries 1.006818e+08
ADC
QT Input Channel

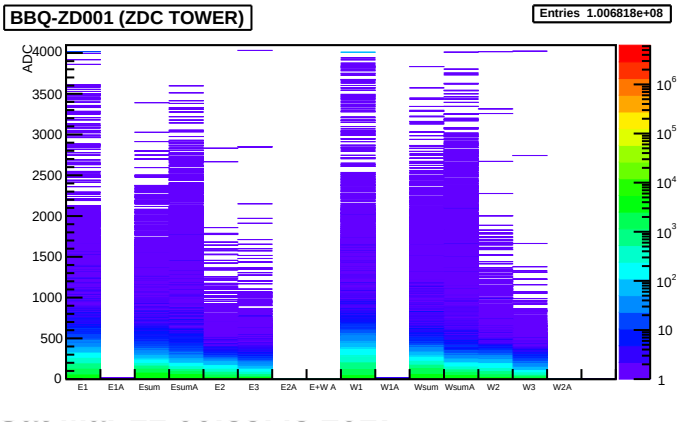

BBQ-VP001 (LO threshold)
Entries 1.006818e+08
TAC
QT Input Channel

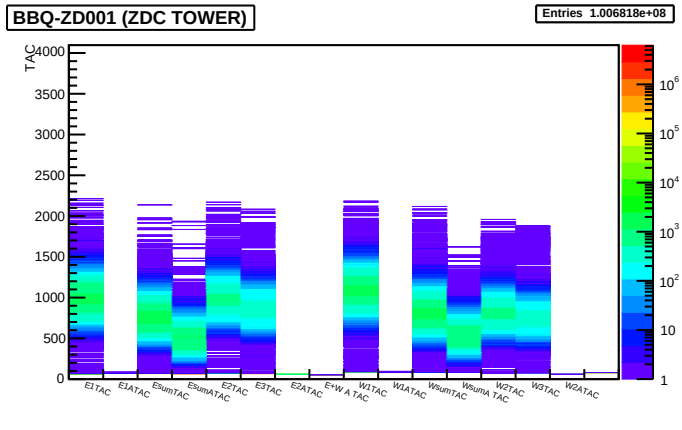

BBQ-VP002 (LO threshold)
Entries 1.006818e+08
ADC
QT Input Channel

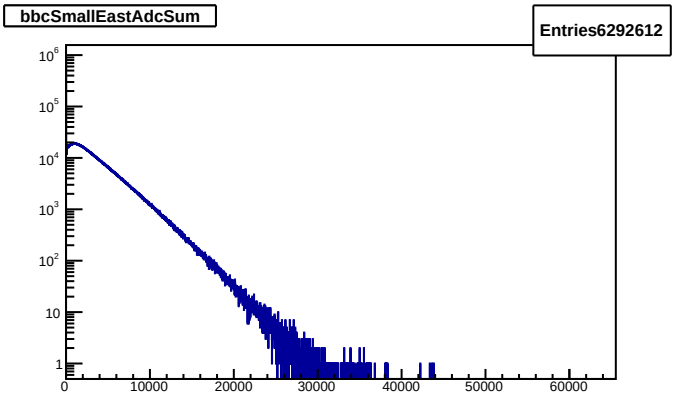

BBQ-VP002 (LO threshold)
Entries 1.006818e+08
TAC
QT Input Channel

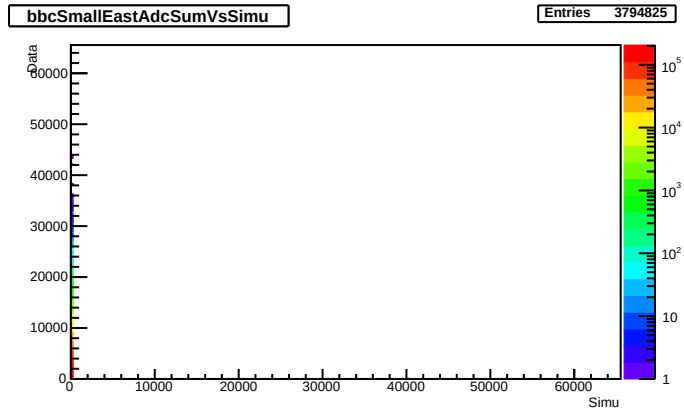

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.006818e+08
ADC
QT Input Channel

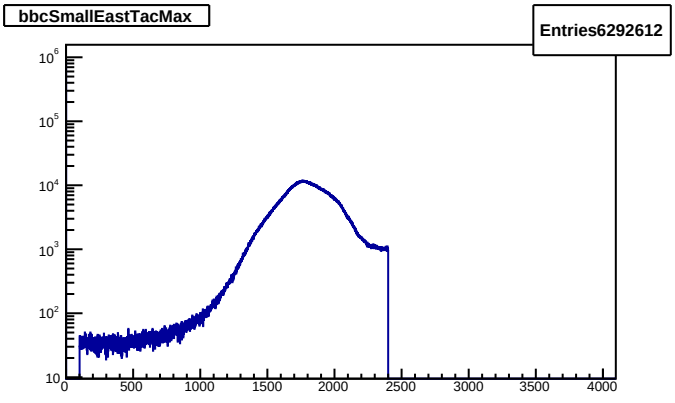

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.006818e+08
TAC
QT Input Channel

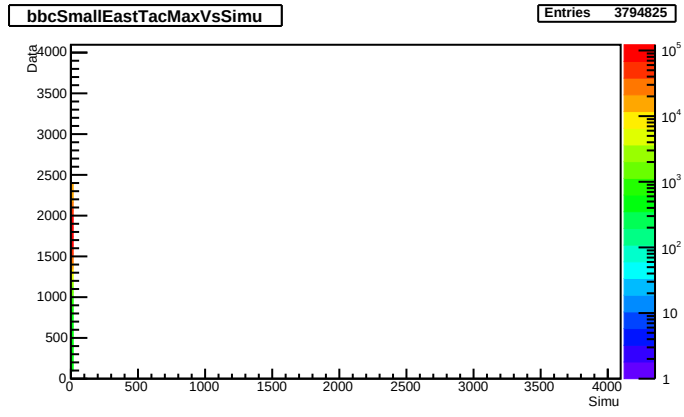

BBQ-ZD001 (ZDC TOWER)
Entries 1.006818e+08
ADC

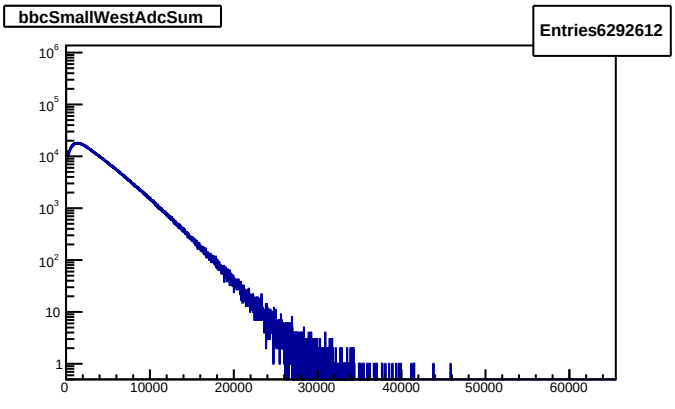

BBQ-ZD001 (ZDC TOWER)
Entries 1.006818e+08
TAC

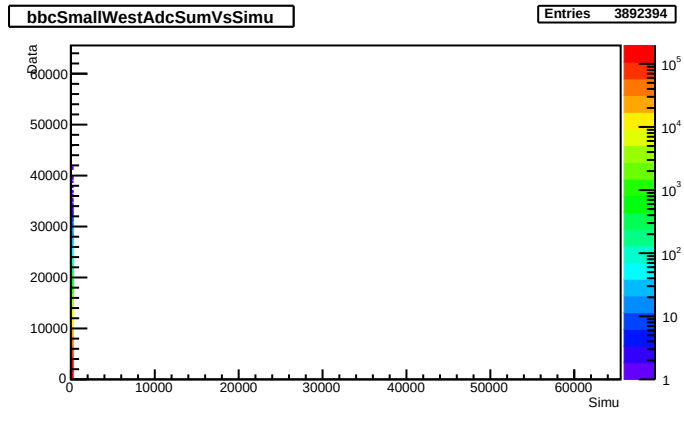

bbcSmallEastAdcSum
Entries6292612

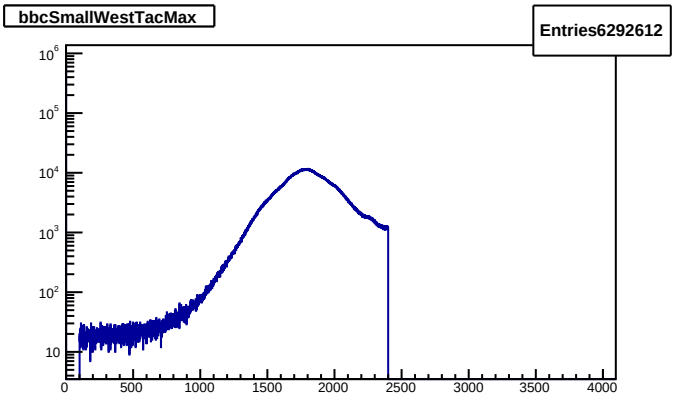

bbcSmallEastAdcSumVsSimu
Entries 3794825
Data
Simu

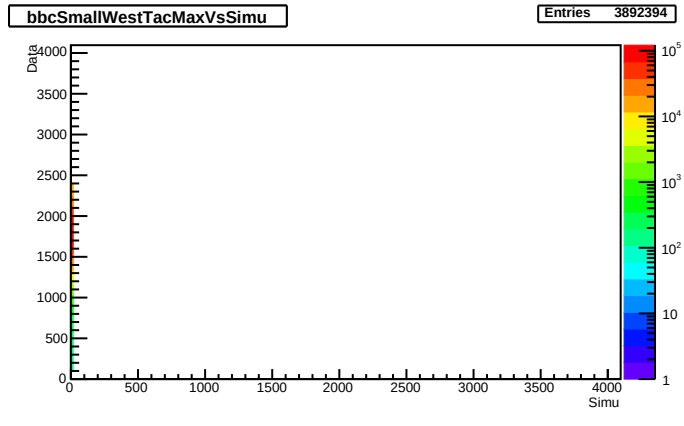

bbcSmallEastTacMax
Entries6292612

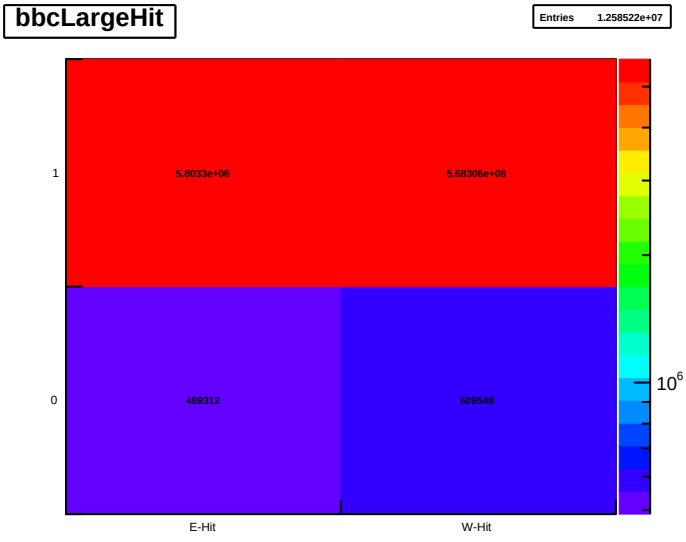

bbcSmallEastTacMaxVsSimu
Entries 3794825
Data
Simu

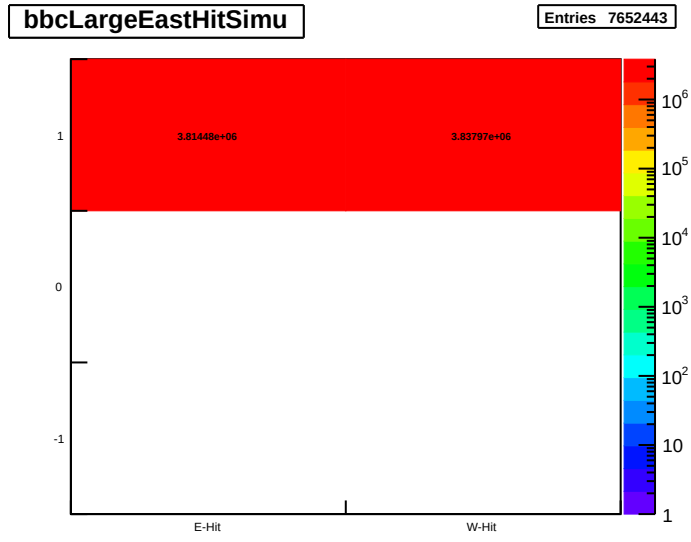

bbcSmallWestAdcSum
Entries6292612

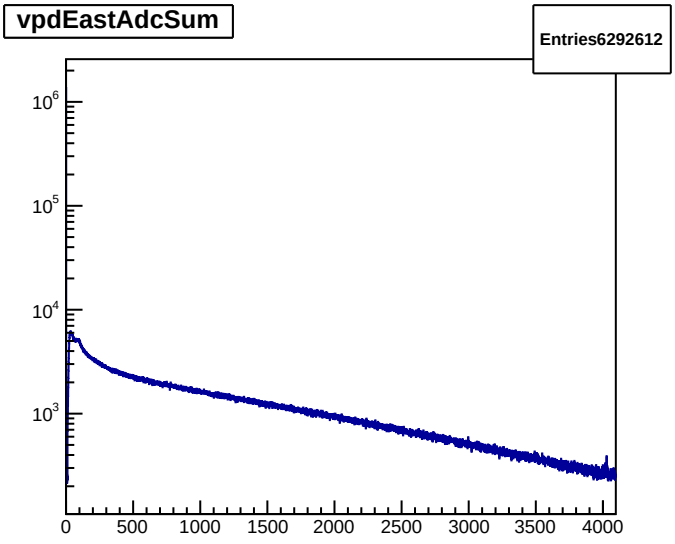

bbcSmallWestAdcSumVsSimu
Entries 3892394
Data
Simu

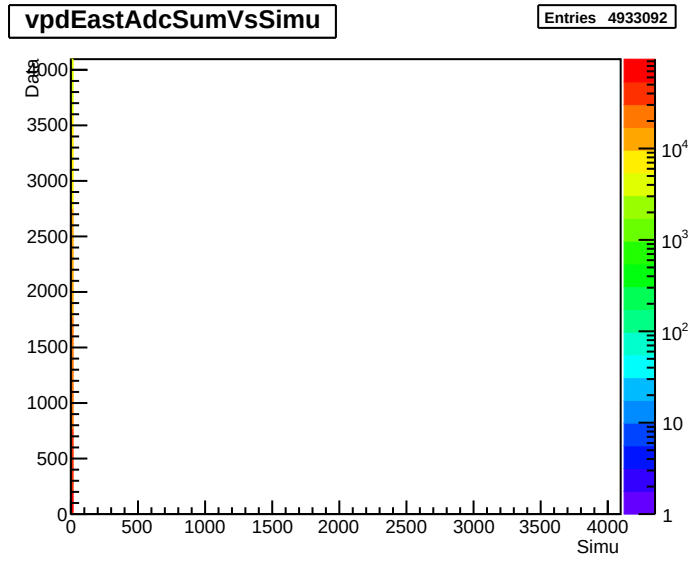

bbcSmallWestTacMax
Entries6292612

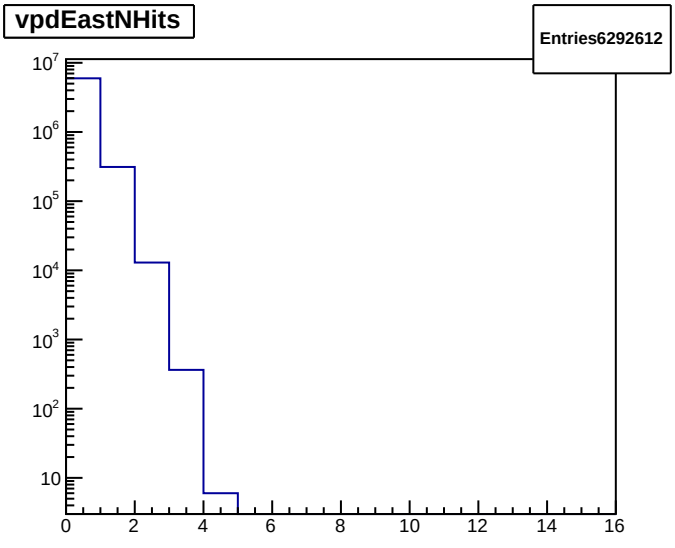

bbcSmallWestTacMaxVsSimu
Entries 3892394
Data
Simu

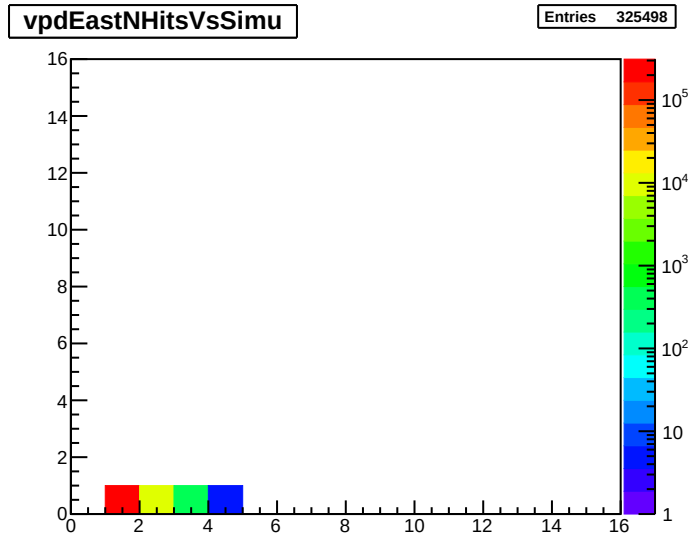

bbcLargeHit
Entries 1.258522e+07
1
0
5.8033e+06
5.68306e+06
489312
609548
E-Hit
W-Hit
10^6

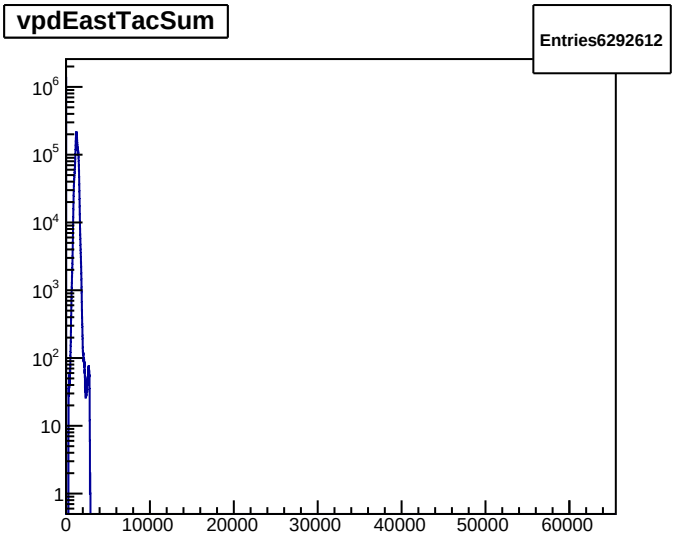

bbcLargeEastHitSimu
Entries 7652443
1
0
-1
3.81448e+06
3.83797e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

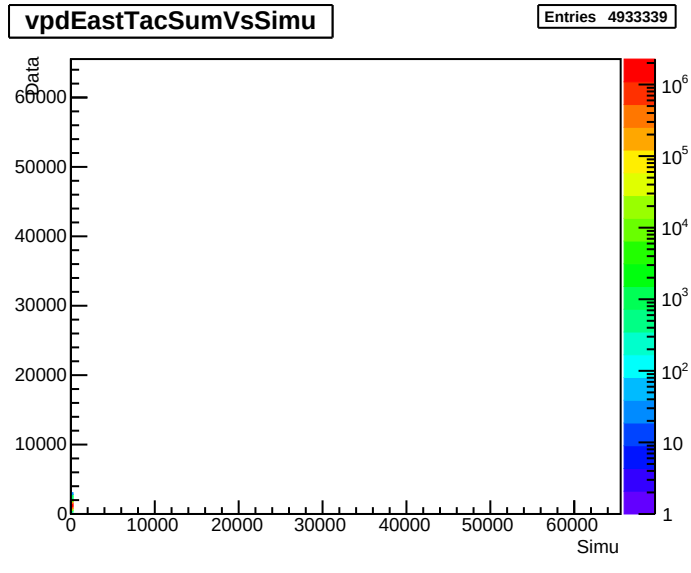

vpdEastAdcSum
Entries6292612

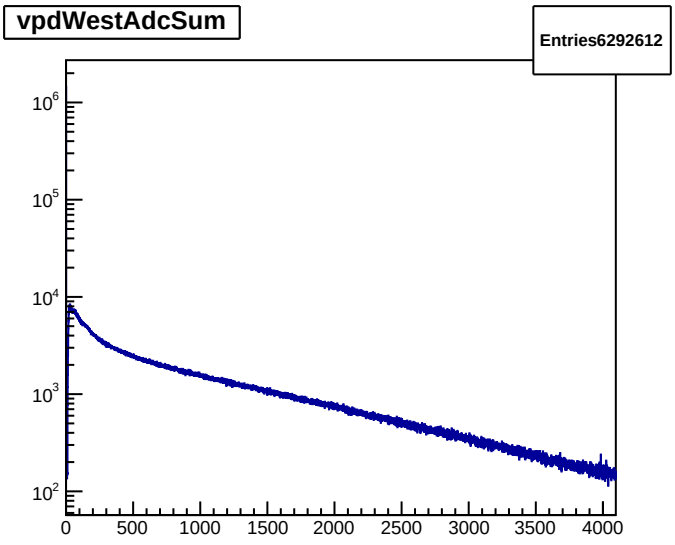

vpdEastAdcSumVsSimu
Entries 4933092
Data
Simu

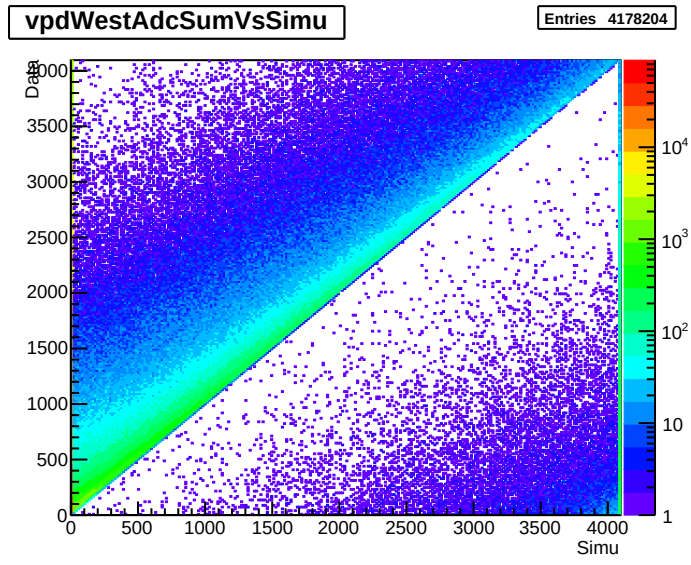

vpdEastNHits
Entries6292612

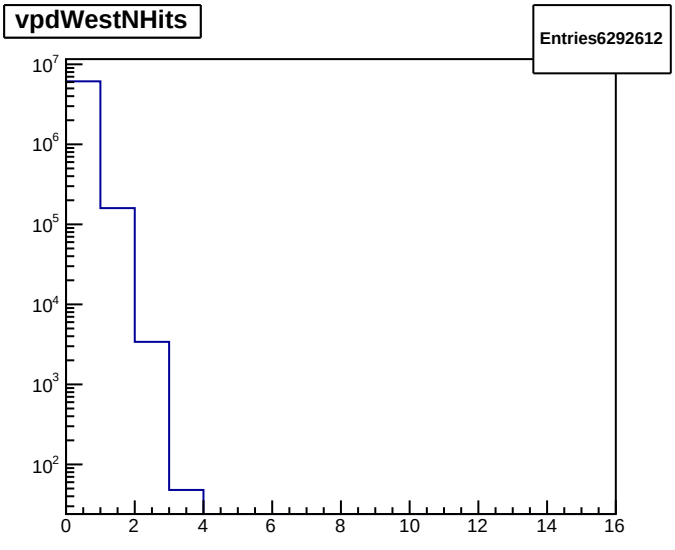

vpdEastNHitsVsSimu
Entries 325498

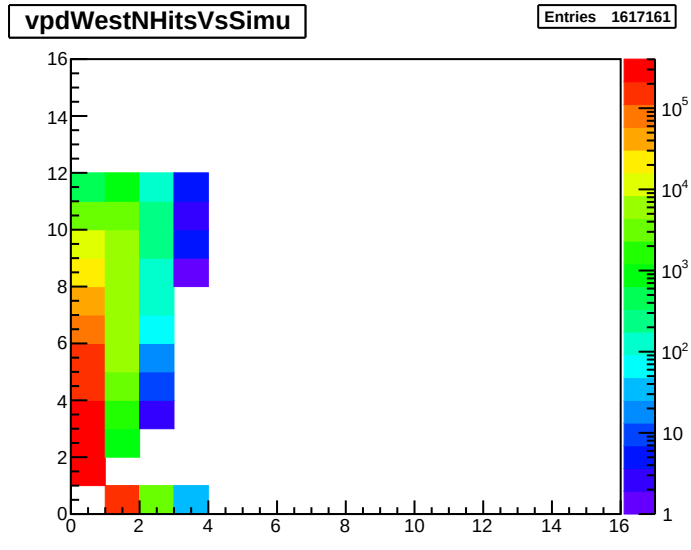

vpdEastTacSum
Entries6292612

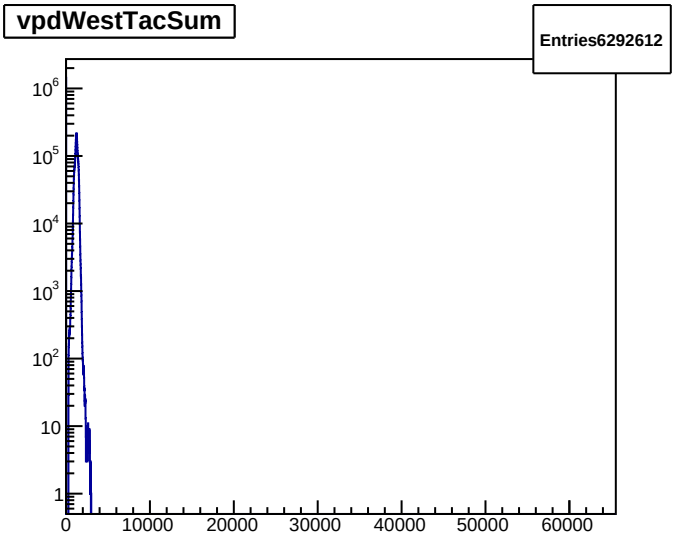

vpdEastTacSumVsSimu
Entries 4933339
Data
Simu

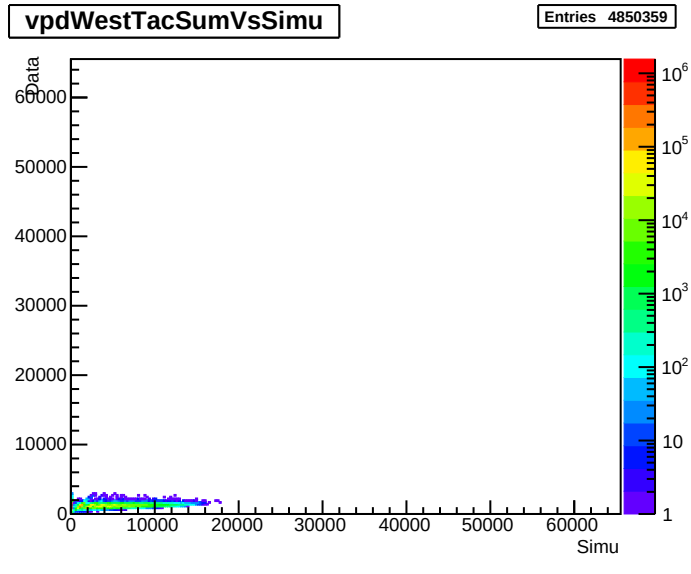

vpdWestAdcSum
Entries6292612

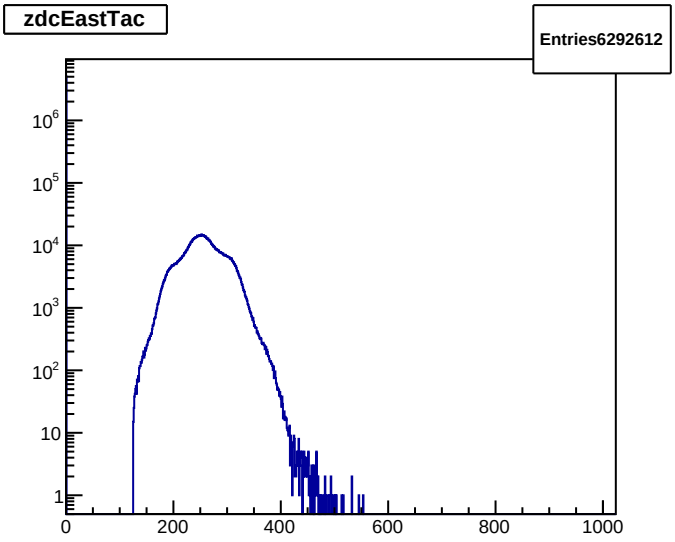

vpdWestAdcSumVsSimu
Entries 4178204
Data
Simu

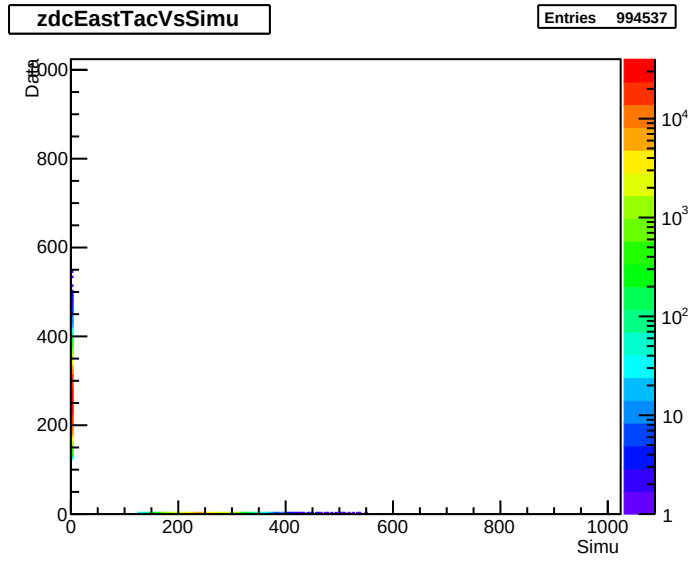

vpdWestNHits
Entries6292612

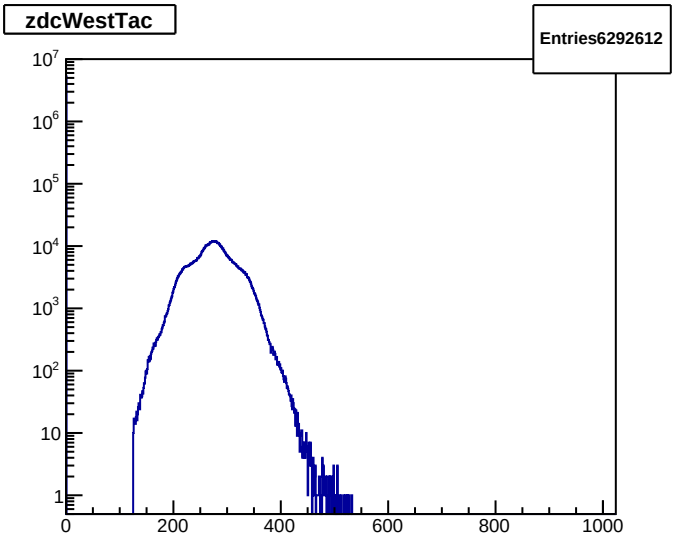

vpdWestNHitsVsSimu
Entries 1617161

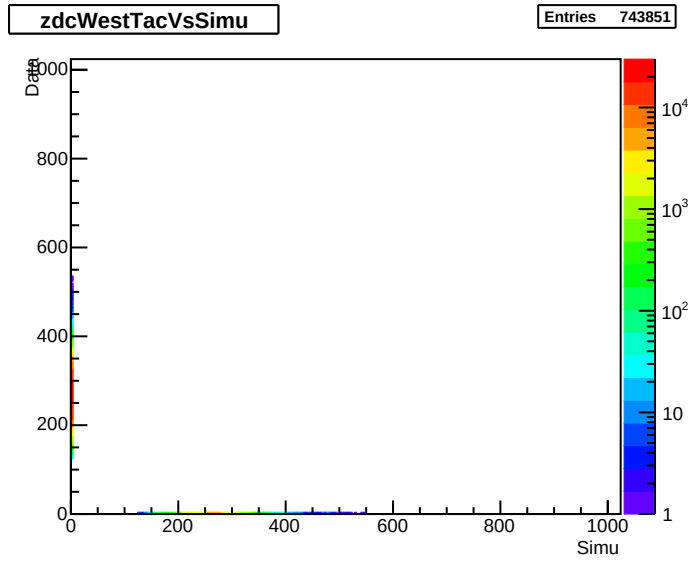

vpdWestTacSum
Entries6292612

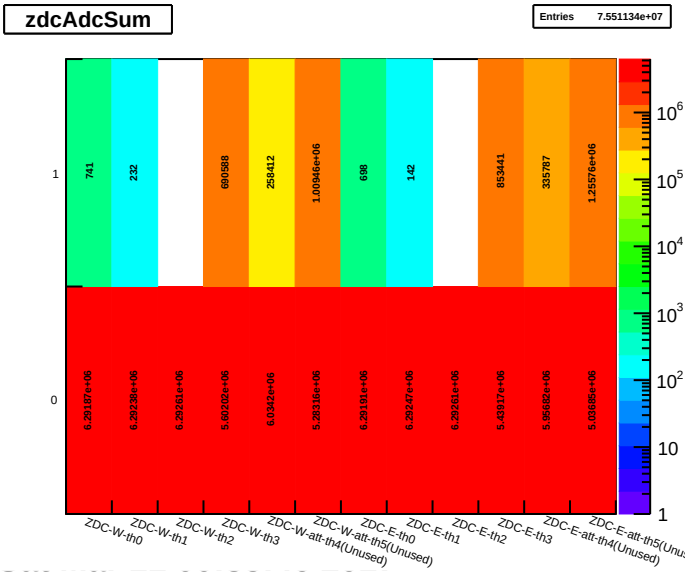

vpdWestTacSumVsSimu
Entries 4850359
Data
Simu

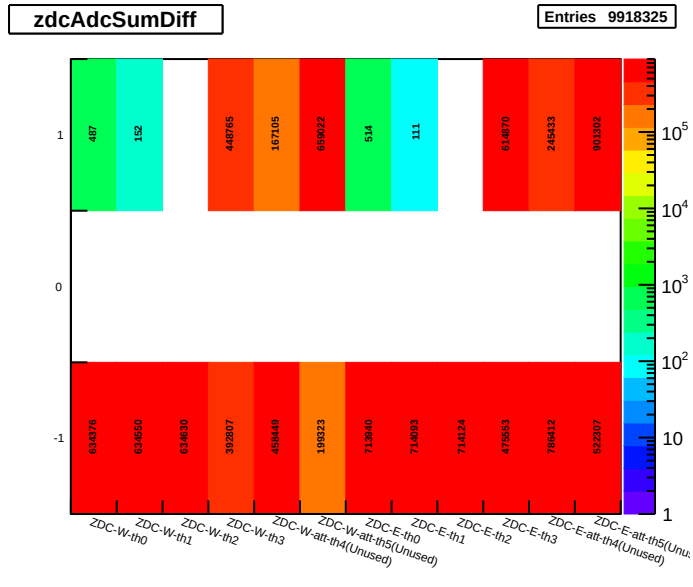

zdcEastTac
Entries6292612

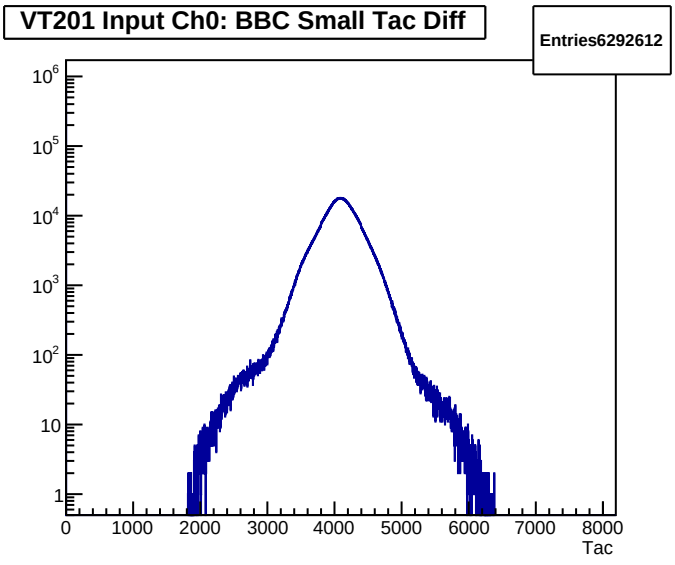

zdcEastTacVsSimu
Entries 994537
Data
Simu

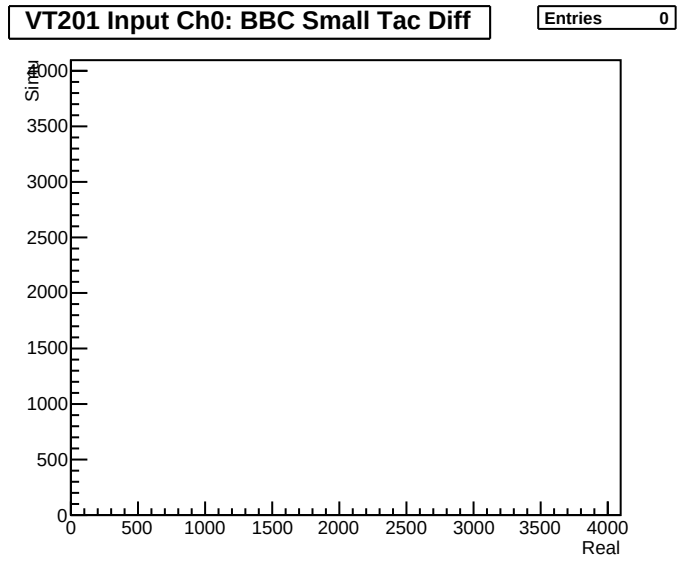

zdcWestTac
Entries6292612

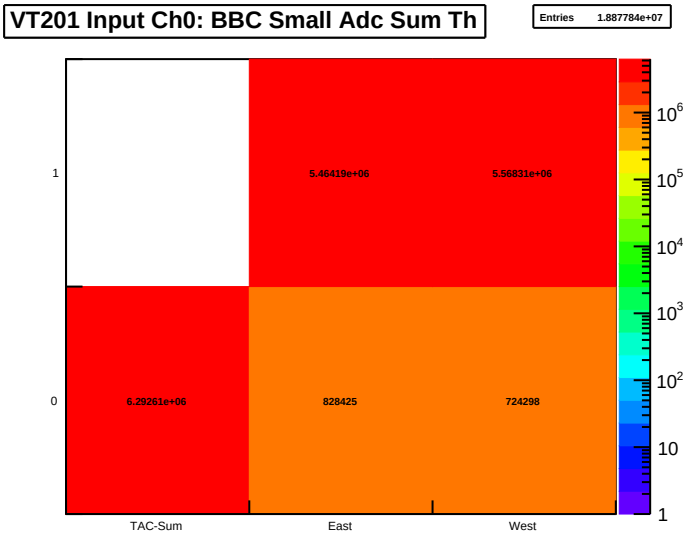

zdcWestTacVsSimu
Entries 743851
Data
Simu

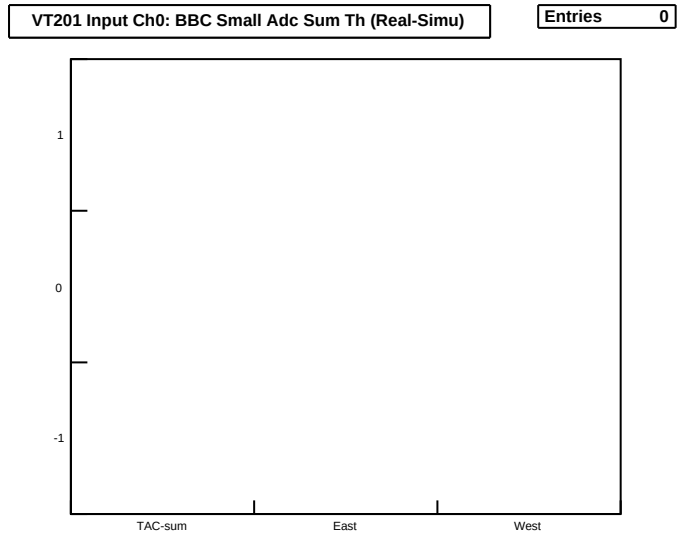

zdcAdcSum
Entries 7.551134e+07
741
232
690588
259412
1.00946e+06
698
142
853441
335787
1.25576e+06
6.29187e+06
6.29238e+05
6.29261e+06
5.60202e+06
6.0342e+06
5.29316e+06
6.29191e+06
6.29247e+06
6.29261e+05
5.43017e+06
5.95682e+06
5.03685e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

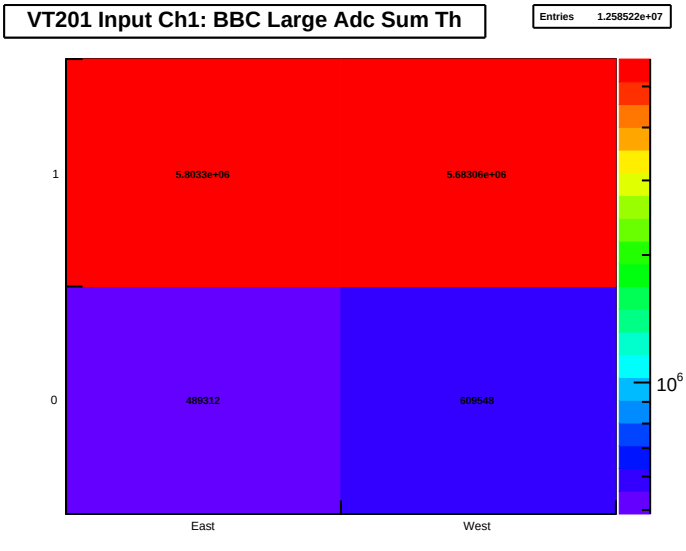

zdcAdcSumDiff
Entries 9918325
497
152
448765
167105
659022
514
111
614870
245433
901302
634376
634550
634630
392807
459449
198323
713940
714093
714124
475553
785412
522307
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

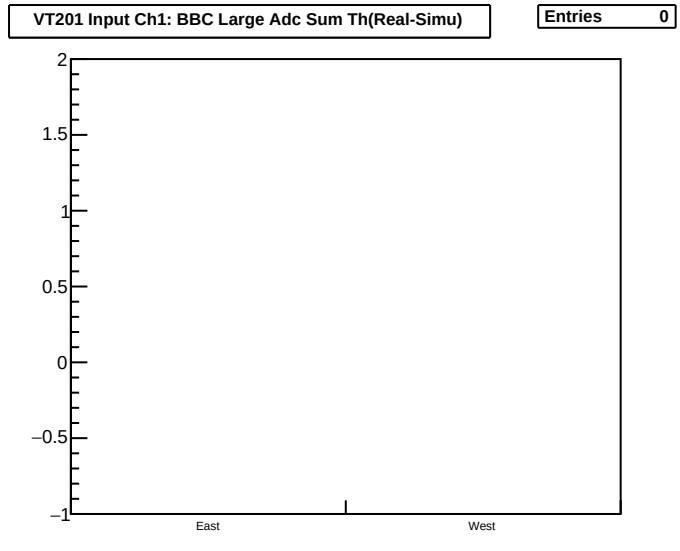

VT201 Input Ch0: BBC Small Tac Diff
Entries6292612
Tac


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

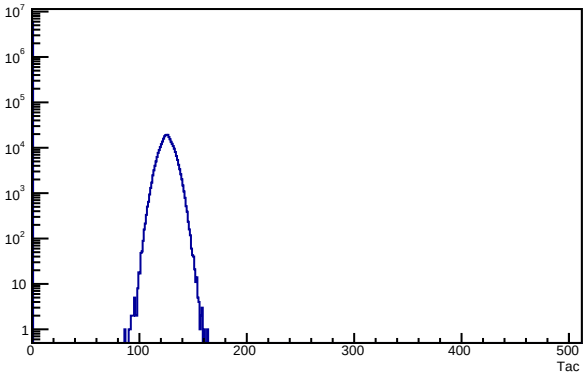

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.887784e+07
5.46419e+06
5.56831e+06
6.29261e+06
828425
724298
TAC-Sum
East
West


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

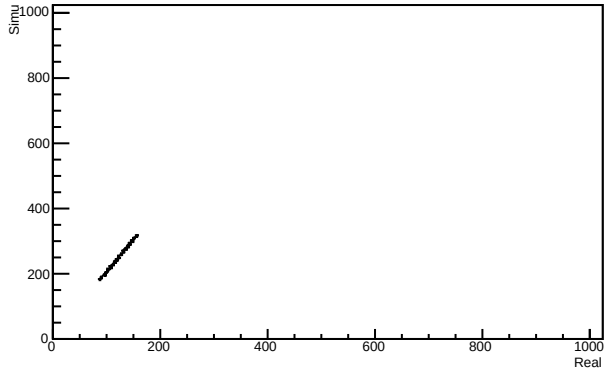

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.258522e+07
5.8033e+06
5.68306e+06
489312
609548
East
West


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

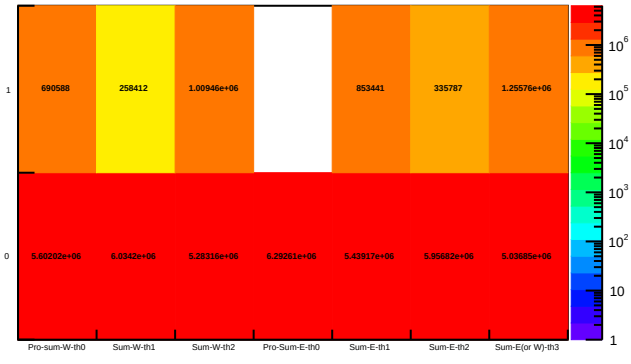
VT201 Input Ch2: ZDC Tac Diff



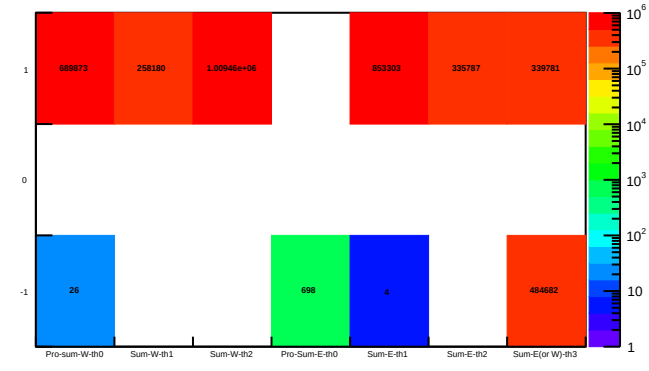
VT201 Input Ch2: ZDC Tac Diff



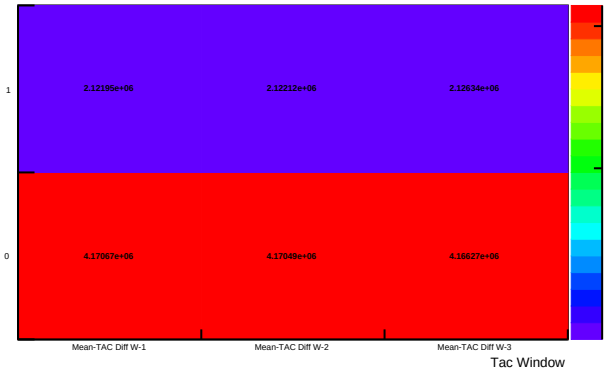
VT201 Input Ch2: ZDC Adc Sum Th



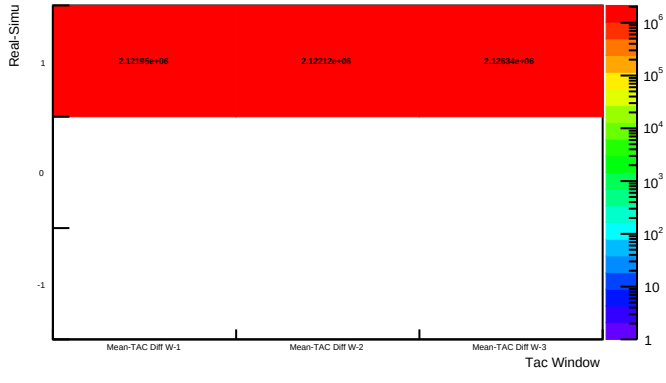
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



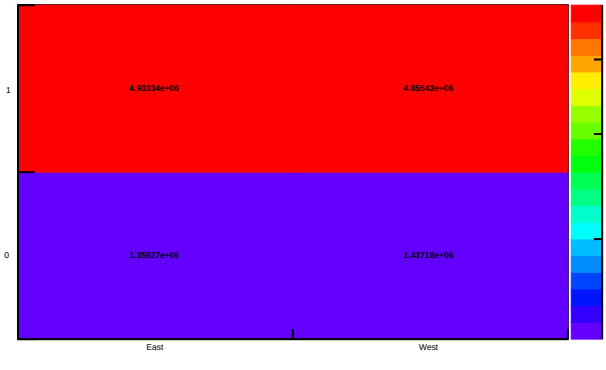
VT201 Input Ch4: VPD Tac Diff



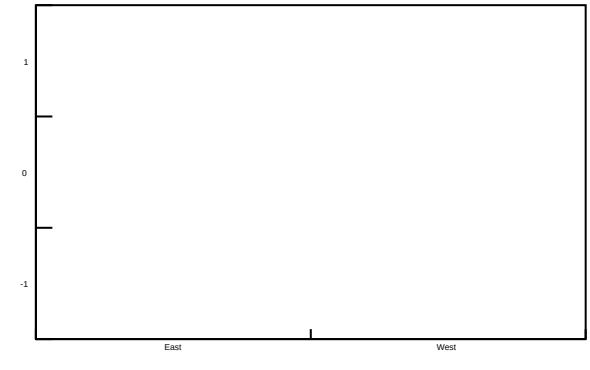
VT201 Input Ch4: VPD Tac Diff

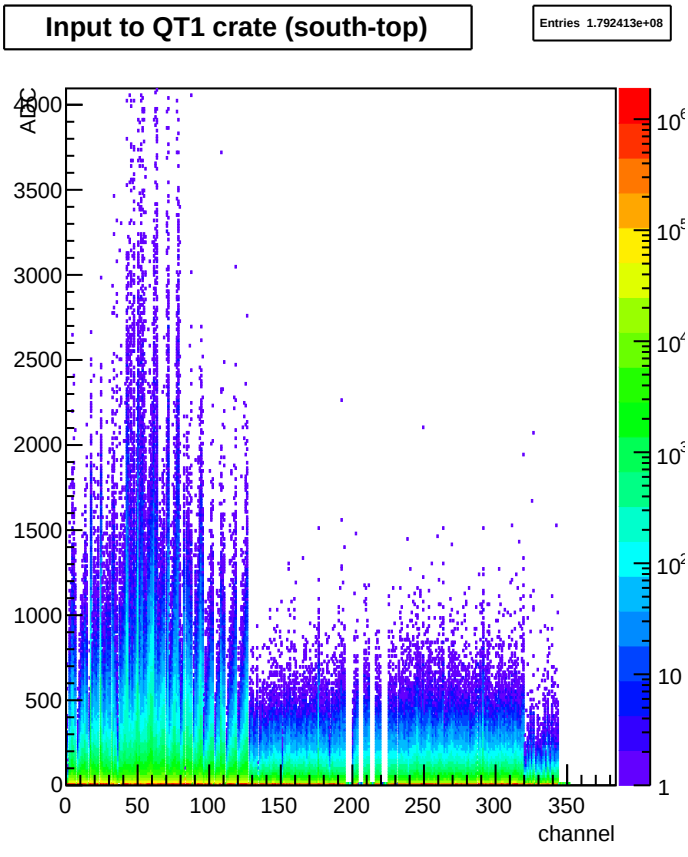


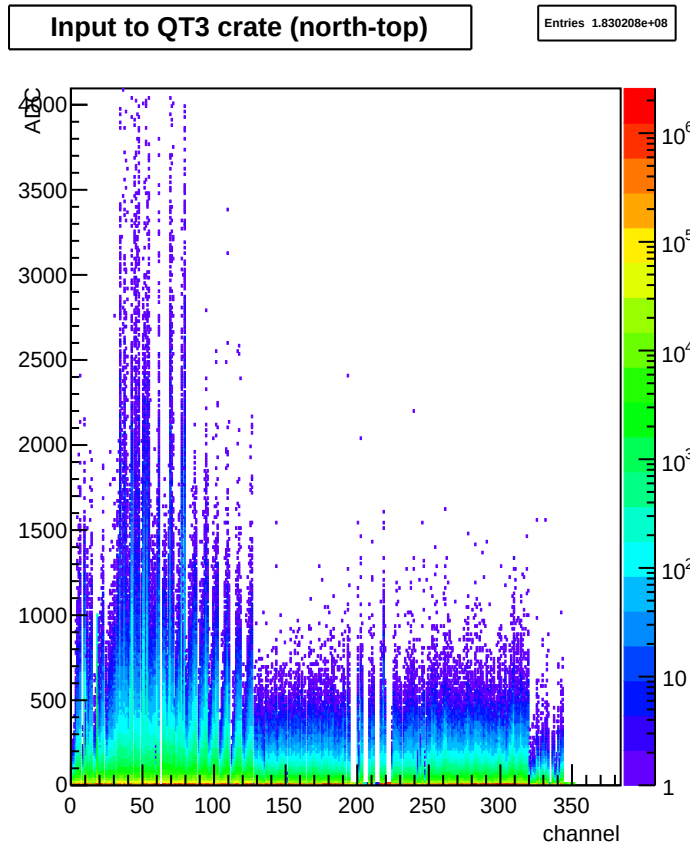
VT201 Input Ch4: VPD Adc Sum Th

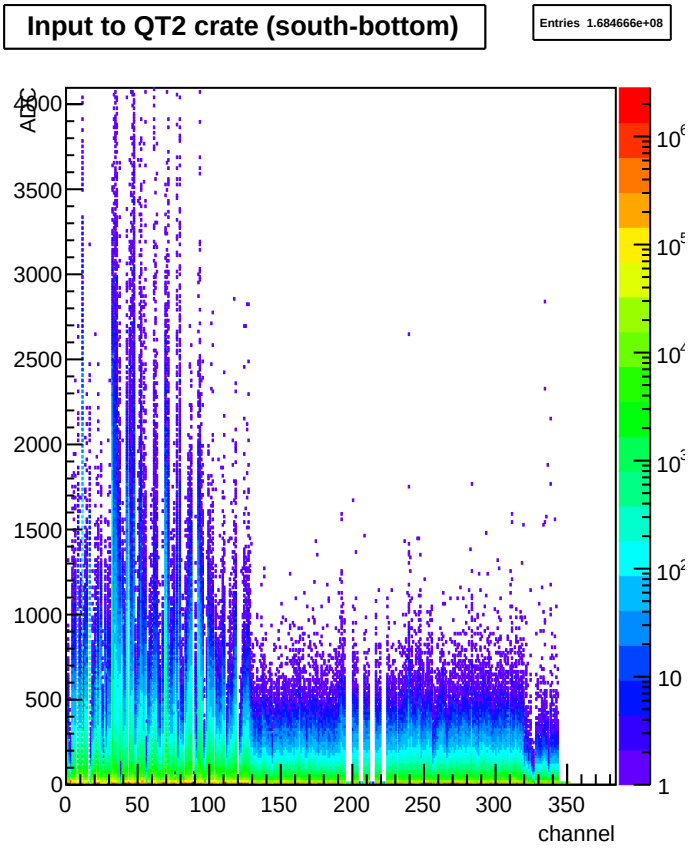


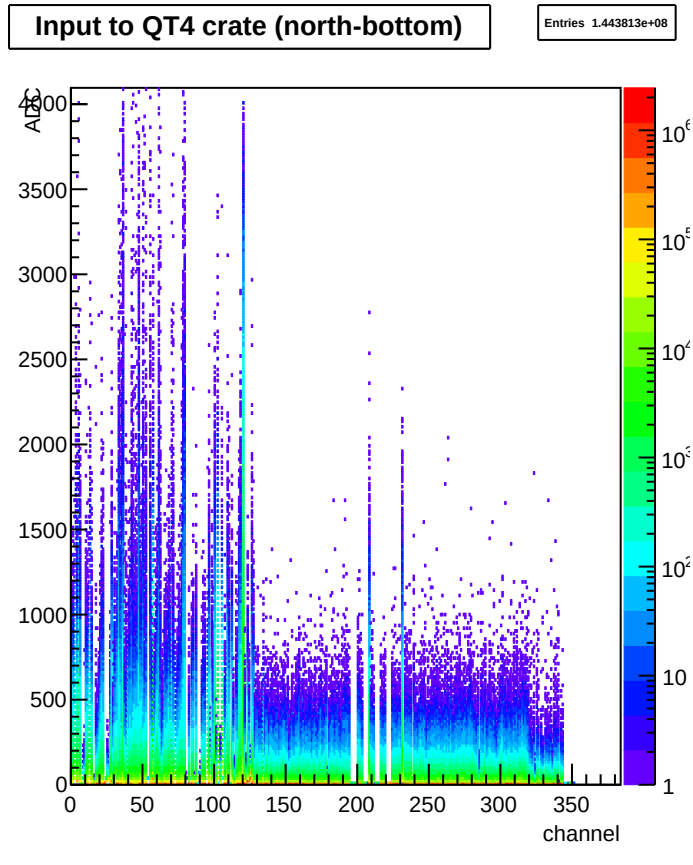
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

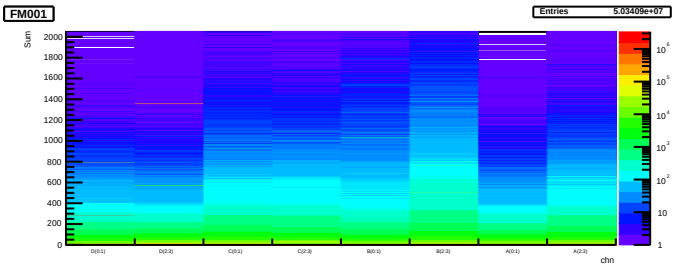


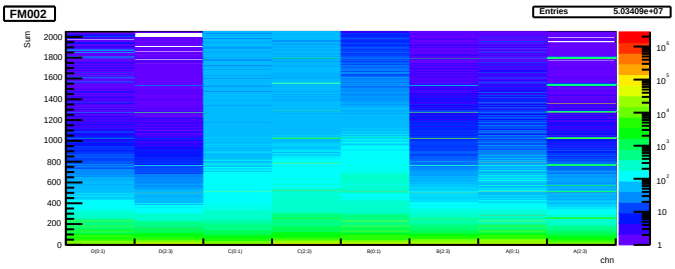

Input to QT1 crate (south-top)
Entries 1.792413e+08
ADC
channel

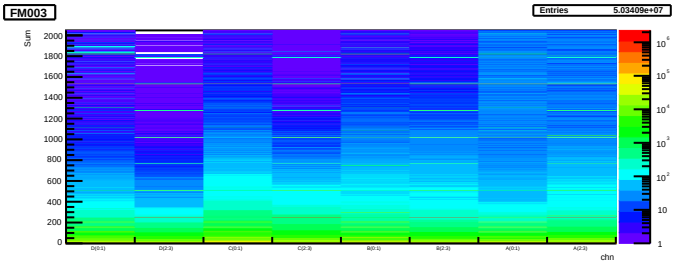

Input to QT3 crate (north-top)
Entries 1.830208e+08
ADC
channel

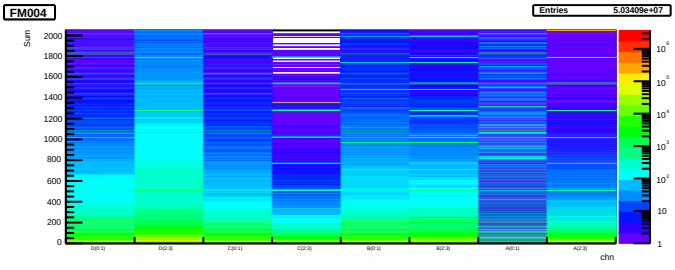

Input to QT2 crate (south-bottom)
Entries 1.684666e+08
ADC
channel

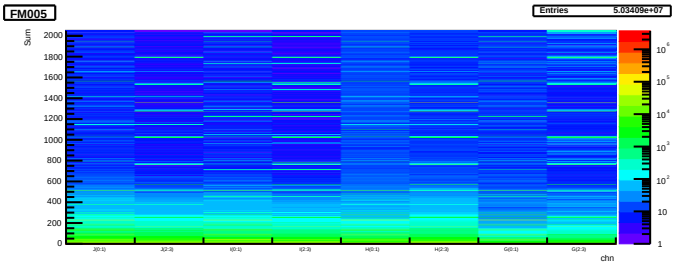

Input to QT4 crate (north-bottom)
Entries 1.443813e+08
ADC
channel

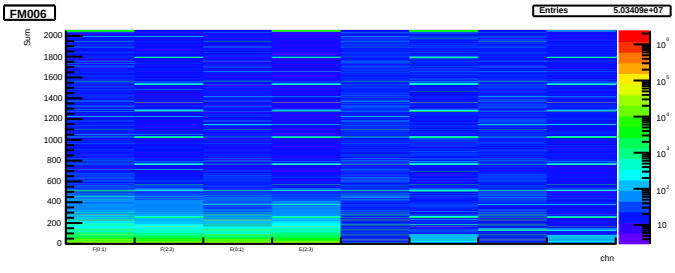

FM001
Entries 5.03409e+07
Sum
chn

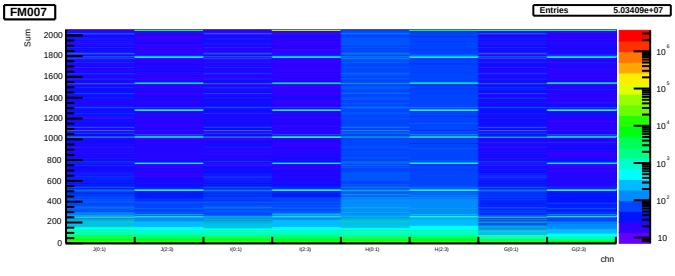

FM002
Entries 5.03409e+07
Sum
chn

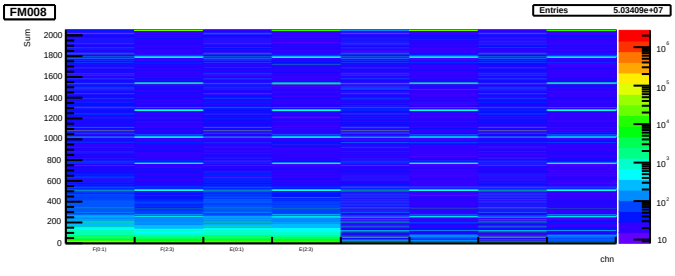

FM003
Entries 5.03409e+07
Sum
chn

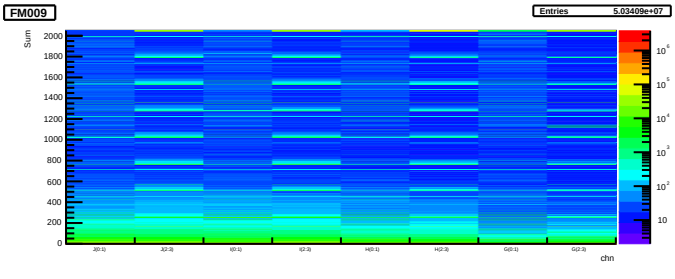

FM004
Entries 5.03409e+07
Sum
chn

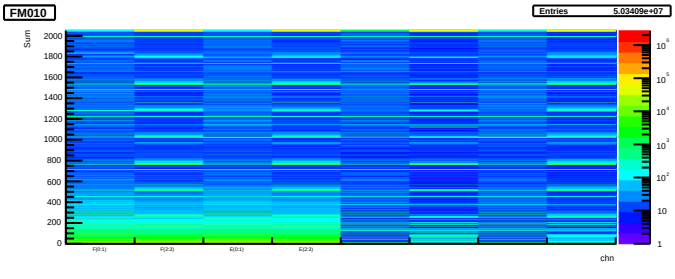

FM005
Entries 5.03409e+07
Sum
chn

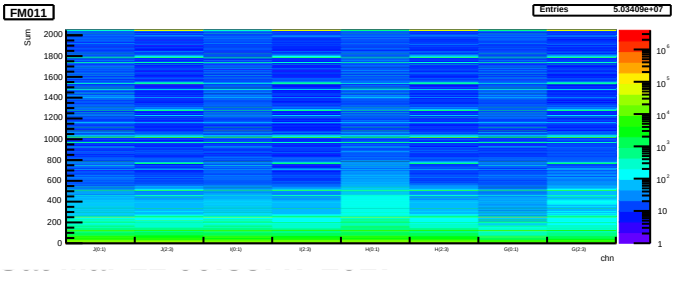

FM006
Entries 5.03409e+07
Sum
chn

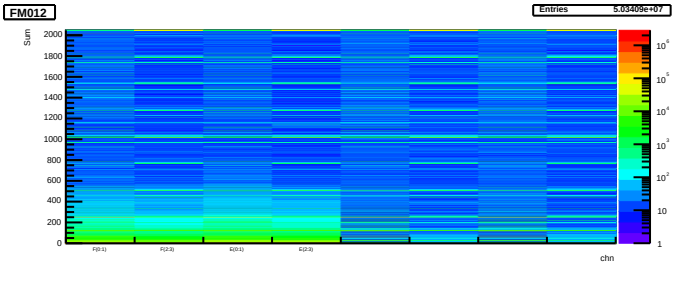

FM007
Entries 5.03409e+07
Sum
chn

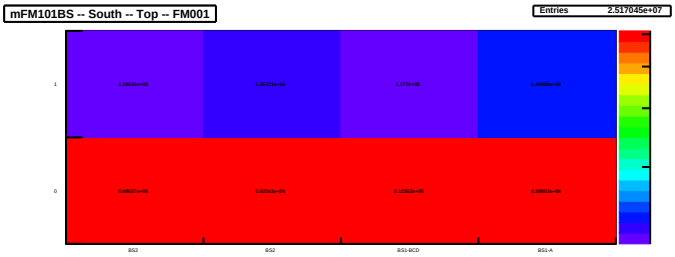

FM008
Entries 5.03409e+07
Sum
chn

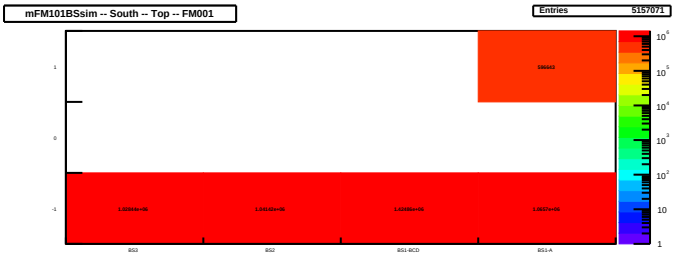

FM009
Entries 5.03409e+07
Sum
chn

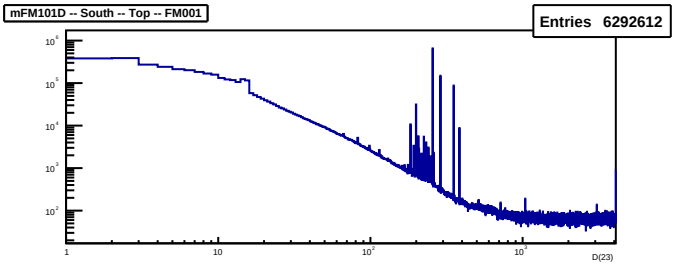

FM010
Entries 5.03409e+07
Sum
chn

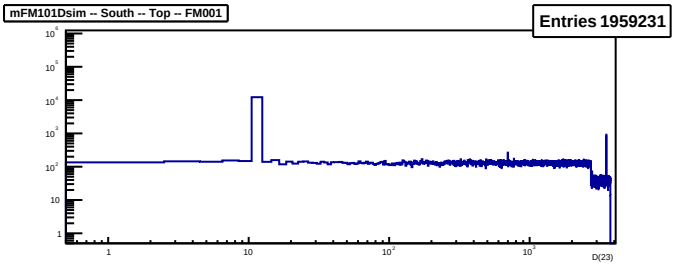

FM011
Entries 5.03409e+07
Sum
chn

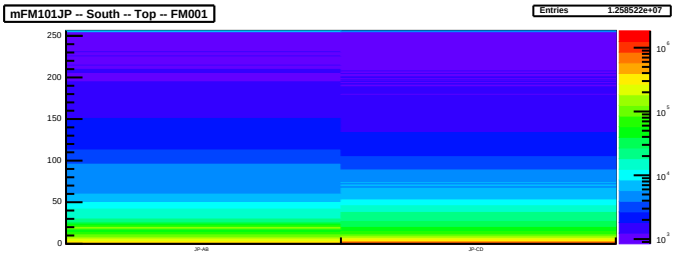

FM012
Entries 5.03409e+07
Sum
chn

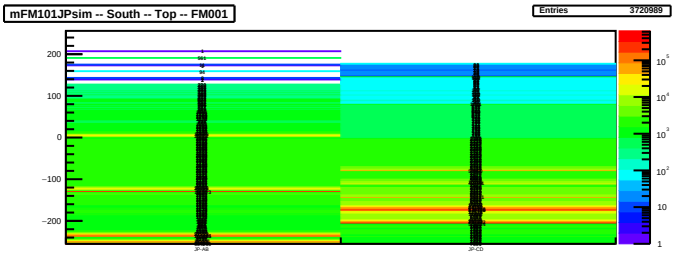

mFM101BS -- South -- Top -- FM001
Entries 2.517045e+07

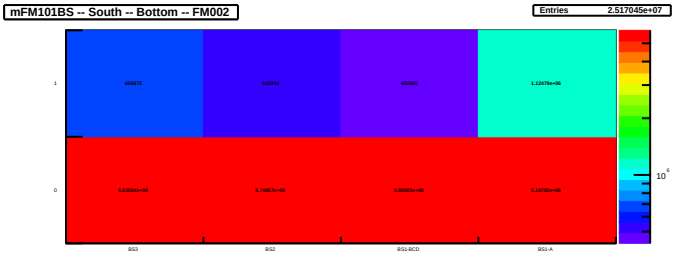

mFM101BSsim -- South -- Top -- FM001
Entries 5157071

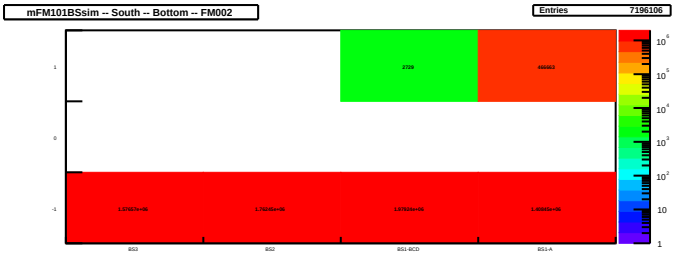

mFM101D -- South -- Top -- FM001
Entries 6292612
D(23)

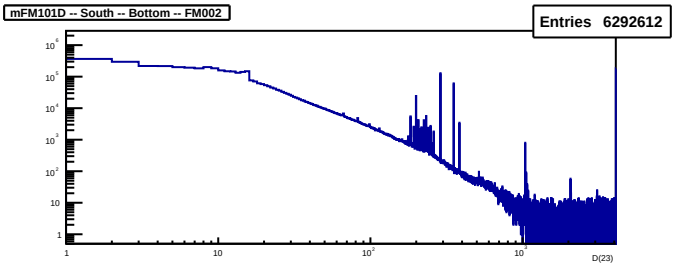

mFM101Dsim -- South -- Top -- FM001
Entries 1959231
D(23)

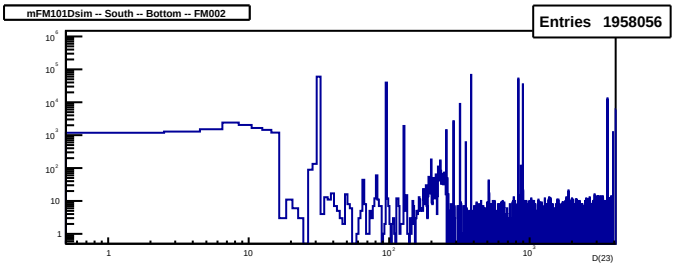

mFM101JP -- South -- Top -- FM001
Entries 1.258522e+07

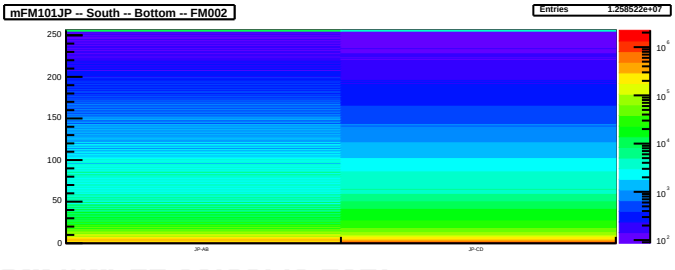

mFM101JPsim -- South -- Top -- FM001
Entries 3720989

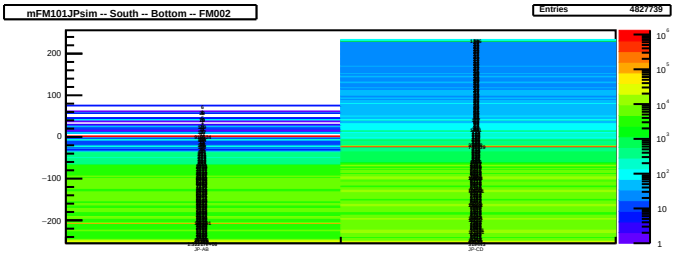

mFM101BS -- South -- Bottom -- FM002
Entries 2.517045e+07

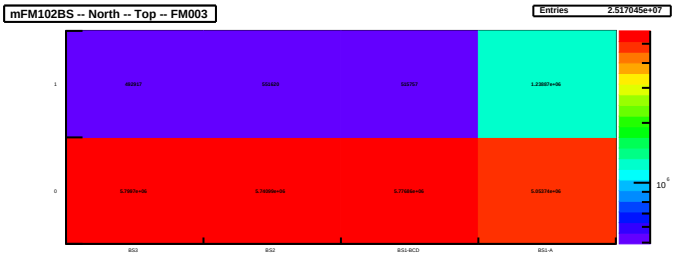

mFM101BSsim -- South -- Bottom -- FM002
Entries 7196106

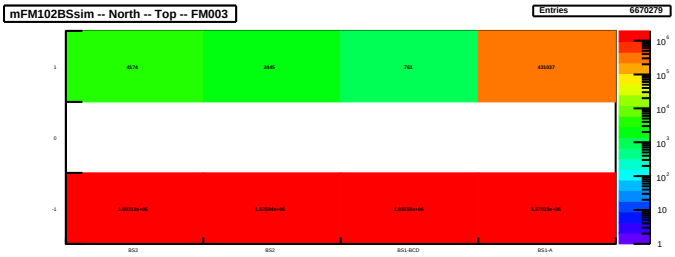

mFM101D -- South -- Bottom -- FM002
Entries 6292612
D(23)

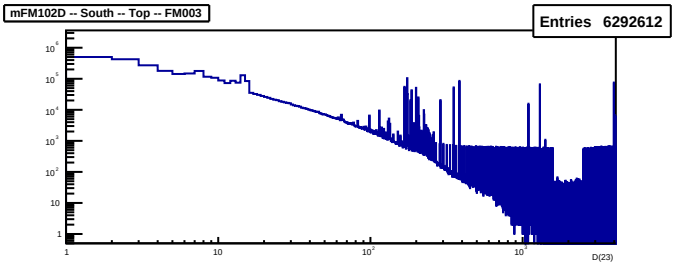

mFM101Dsim -- South -- Bottom -- FM002
Entries 1958056
D(23)

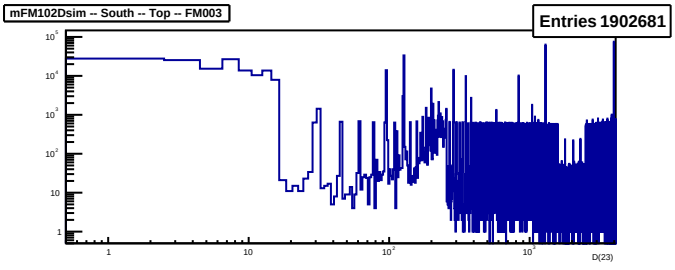

mFM101JP -- South -- Bottom -- FM002
Entries 1.258522e+07

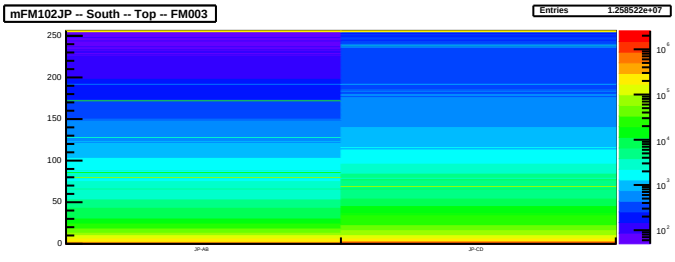

mFM101JPsim -- South -- Bottom -- FM002
Entries 4827739

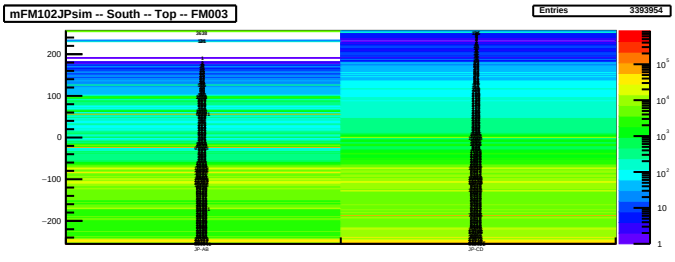

mFM102BS -- North -- Top -- FM003
Entries 2.517045e+07

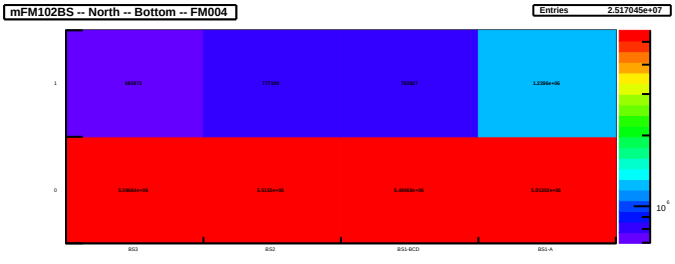

mFM102BSsim -- North -- Top -- FM003
Entries 6670279

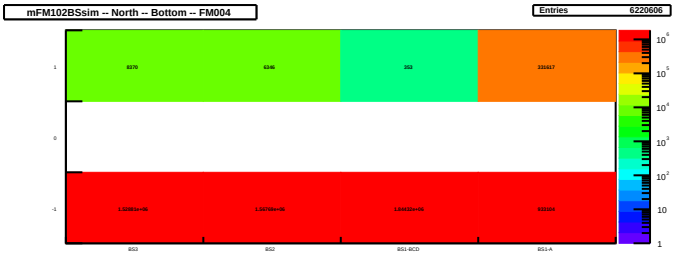

mFM102D -- South -- Top -- FM003
Entries 6292612
D(23)

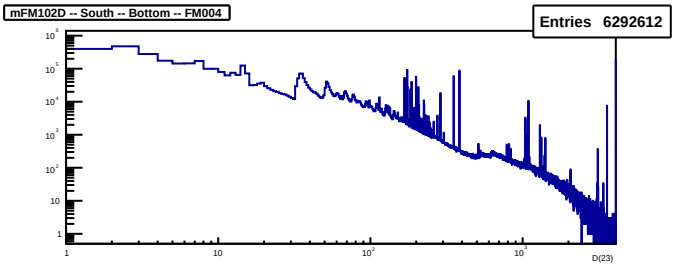

mFM102Dsim -- South -- Top -- FM003
Entries 1902681
D(23)

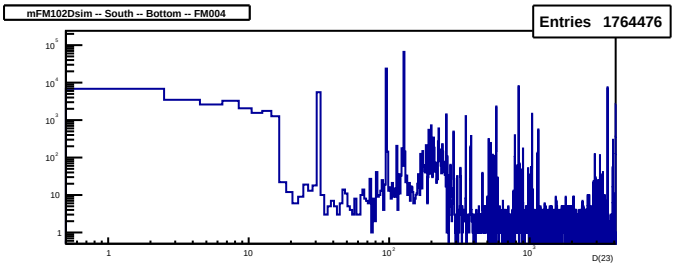

mFM102JP -- South -- Top -- FM003
Entries 1.258522e+07

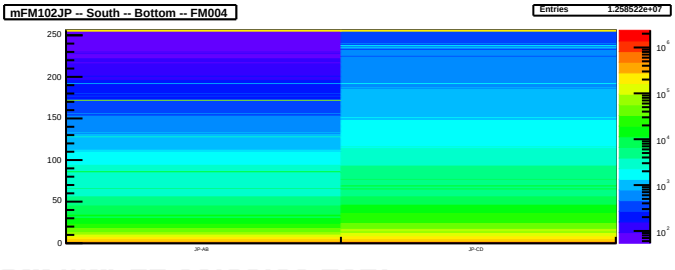

mFM102JPsim -- South -- Top -- FM003
Entries 3393954

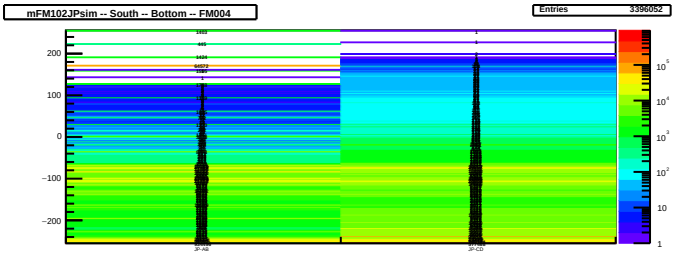

mFM102BS -- North -- Bottom -- FM004
Entries 2.517045e+07

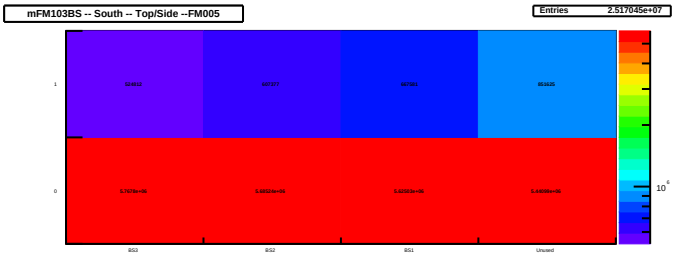

mFM102BSsim -- North -- Bottom -- FM004
Entries 6220606

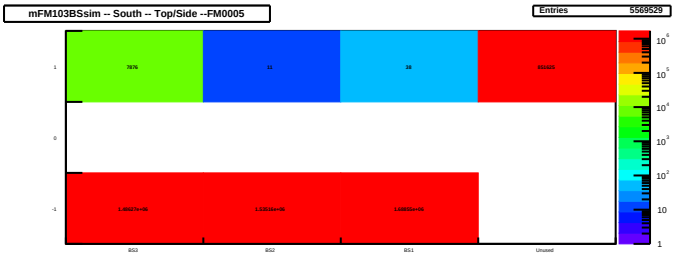

mFM102D -- South -- Bottom -- FM004
Entries 6292612
D(23)

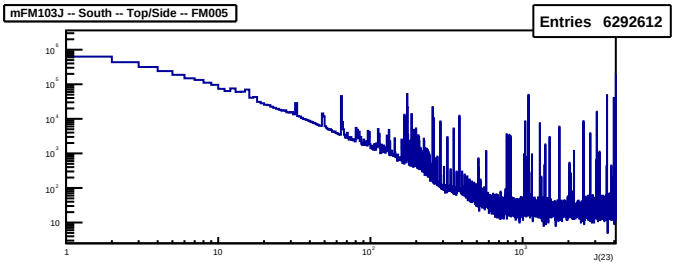

mFM102Dsim -- South -- Bottom -- FM004
Entries 1764476
D(23)

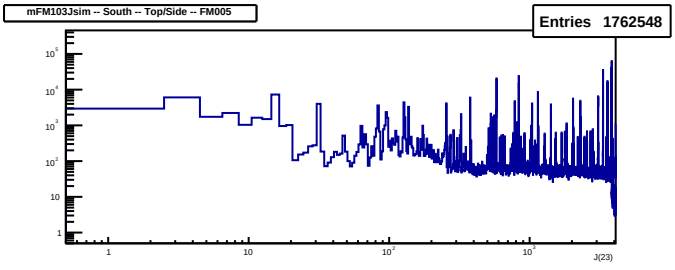

mFM102JP -- South -- Bottom -- FM004
Entries 1.258522e+07

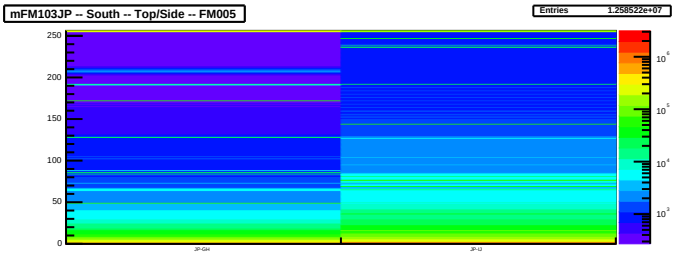

mFM102JPsim -- South -- Bottom -- FM004
Entries 3396052

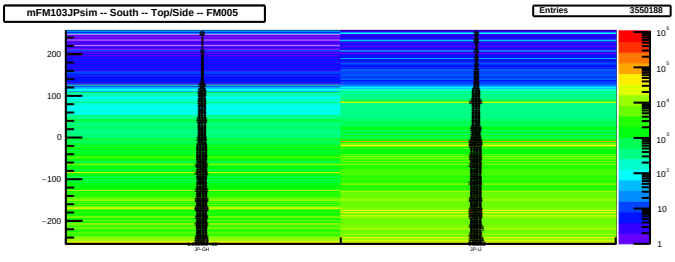

mFM103BS -- South -- Top/Side --FM005
Entries 2.517045e+07

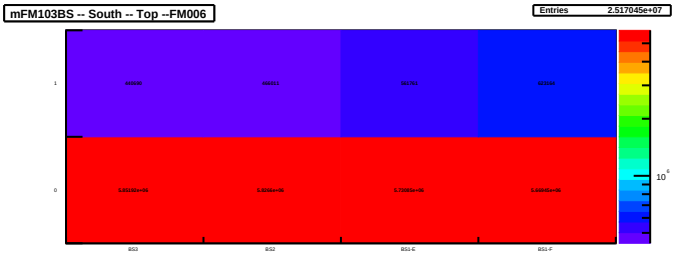

mFM103BSsim -- South -- Top/Side --FM0005
Entries 5569529

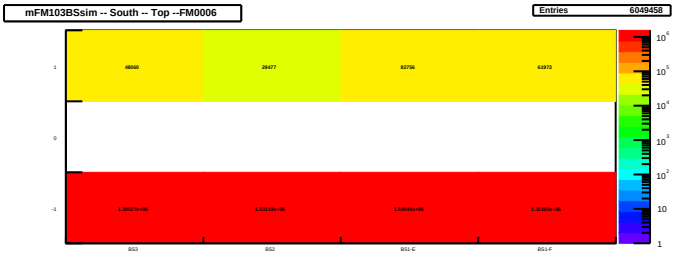

mFM103J -- South -- Top/Side -- FM005
Entries 6292612
J(23)

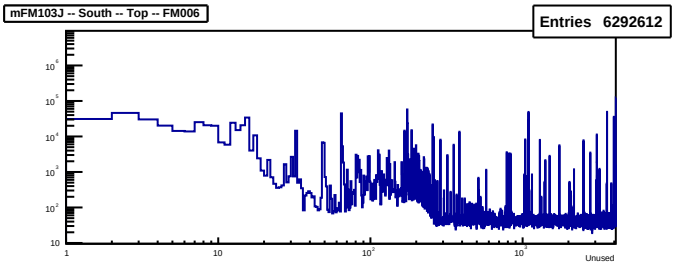

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1762548
J(23)

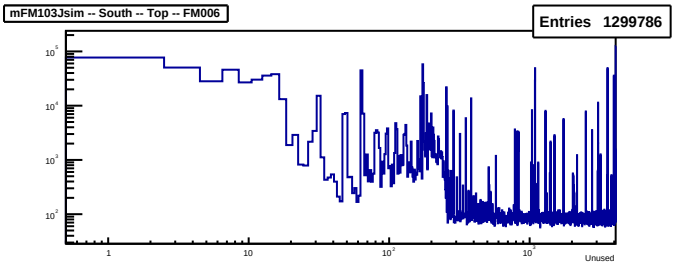

mFM103JP -- South -- Top/Side -- FM005
Entries 1.258522e+07

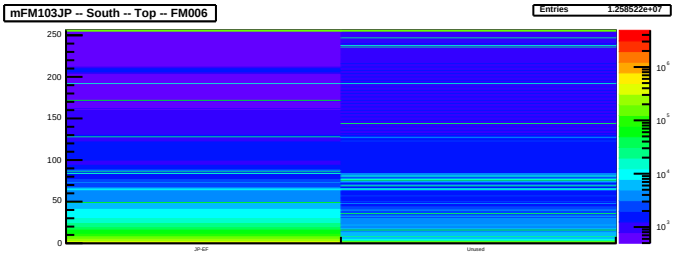

mFM103JPsim -- South -- Top/Side -- FM005
Entries 3550188

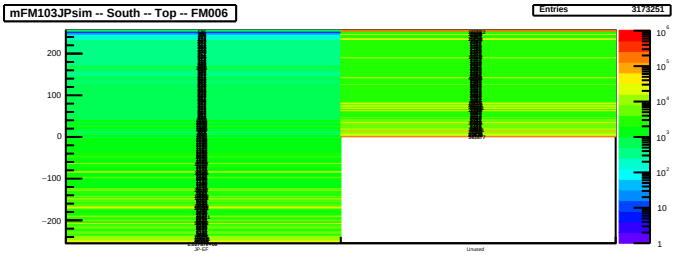

mFM103BS -- South -- Top --FM006
Entries 2.517045e+07

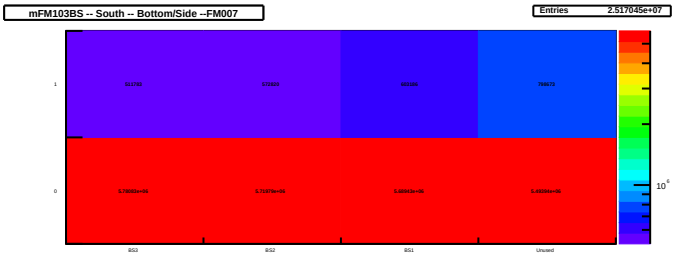

mFM103BSsim -- South -- Top --FM0006
Entries 6049458

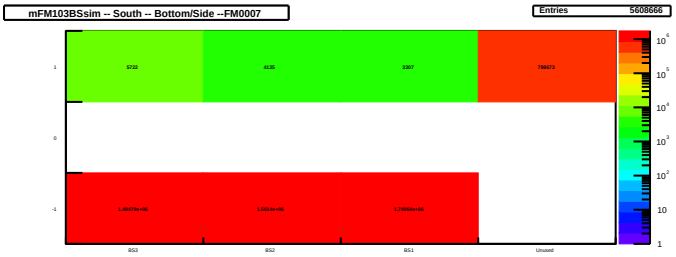

mFM103J -- South -- Top -- FM006
Entries 6292612
Unused

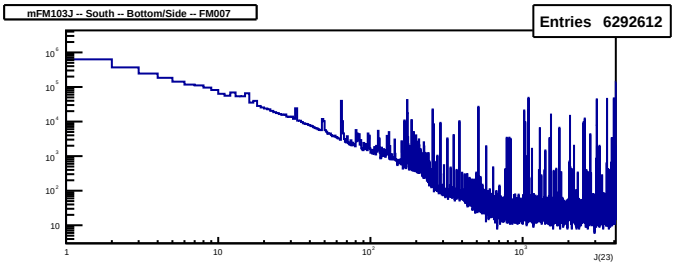

mFM103Jsim -- South -- Top -- FM006
Entries 1299786
Unused

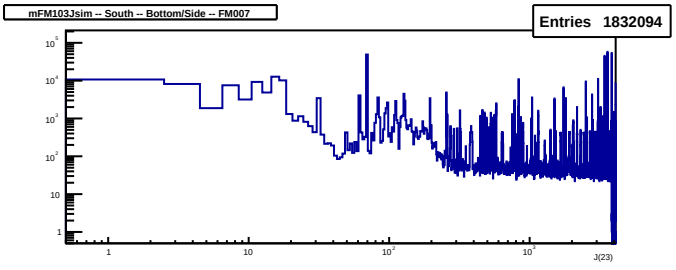

mFM103JP -- South -- Top -- FM006
Entries 1.258522e+07

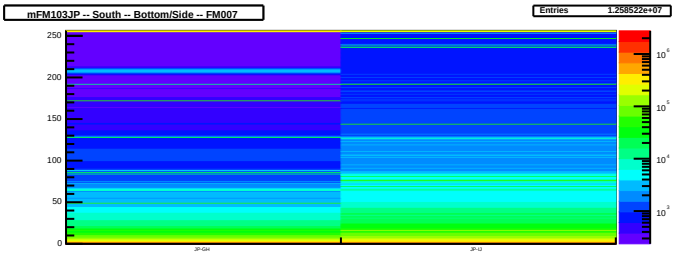

mFM103JPsim -- South -- Top -- FM006
Entries 3173251

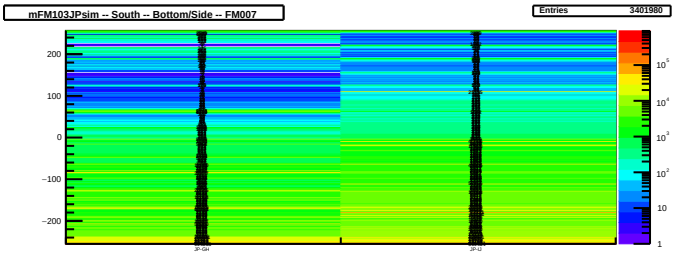

mFM103BS -- South -- Bottom/Side --FM007
Entries 2.517045e+07

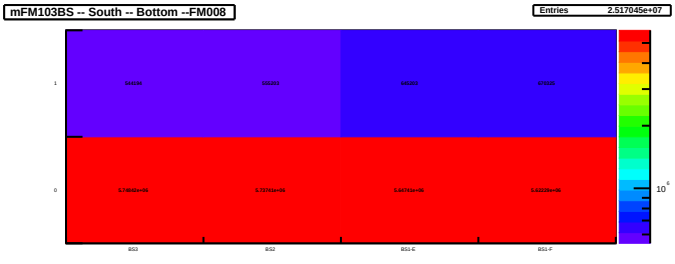

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 5608666

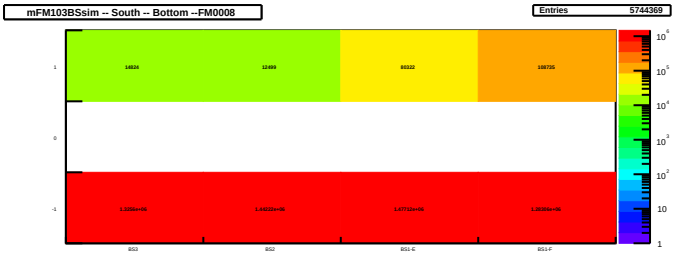

mFM103J -- South -- Bottom/Side -- FM007
Entries 6292612
J(23)

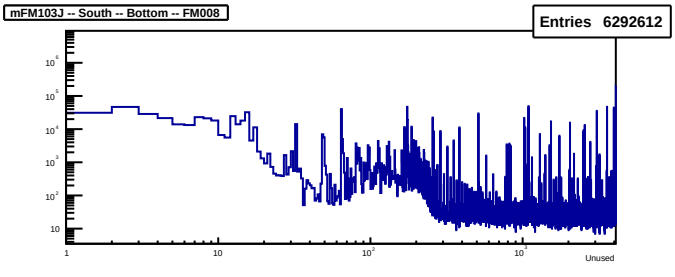

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 1832094
J(23)

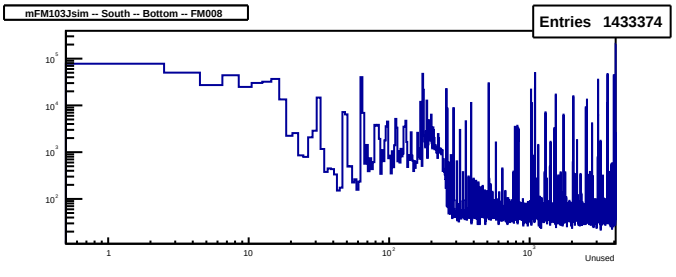

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1.258522e+07

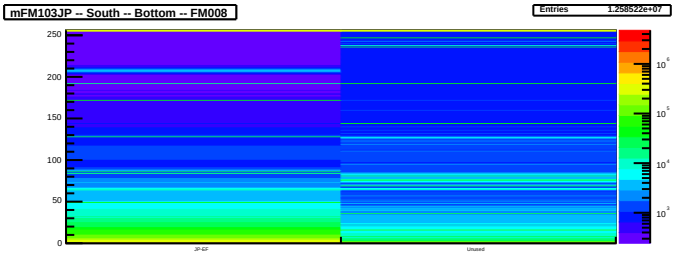

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 3401980

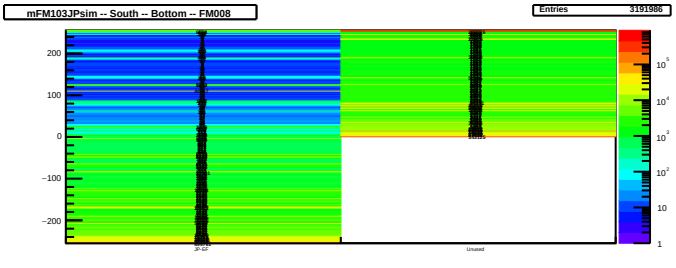

mFM103BS -- South -- Bottom --FM008
Entries 2.517045e+07

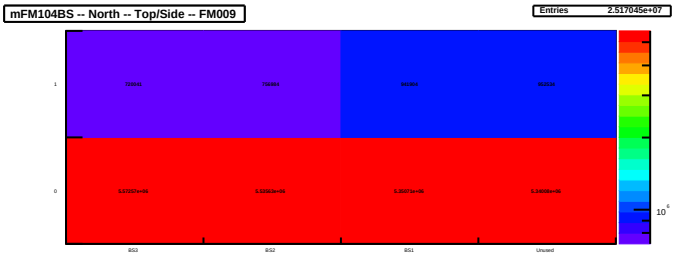

mFM103BSsim -- South -- Bottom --FM0008
Entries 5744369

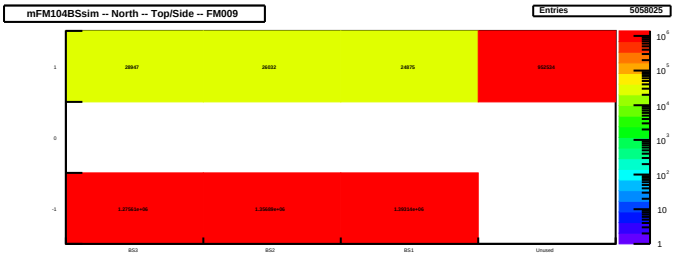

mFM103J -- South -- Bottom -- FM008
Entries 6292612
Unused

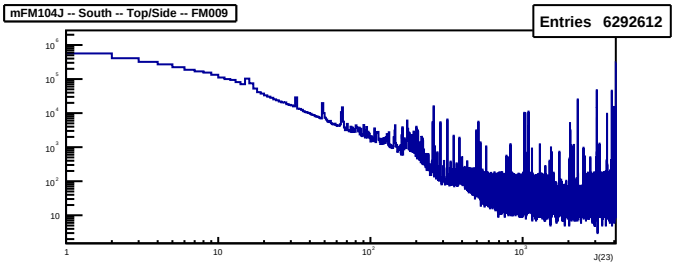

mFM103Jsim -- South -- Bottom -- FM008
Entries 1433374
Unused

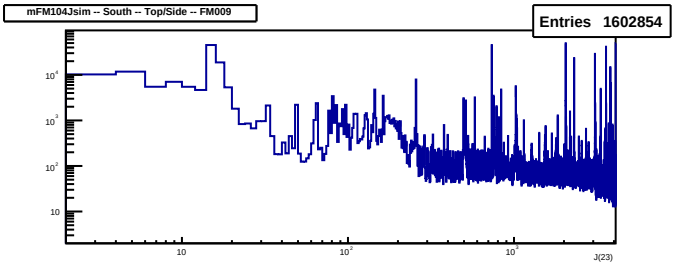

mFM103JP -- South -- Bottom -- FM008
Entries 1.258522e+07

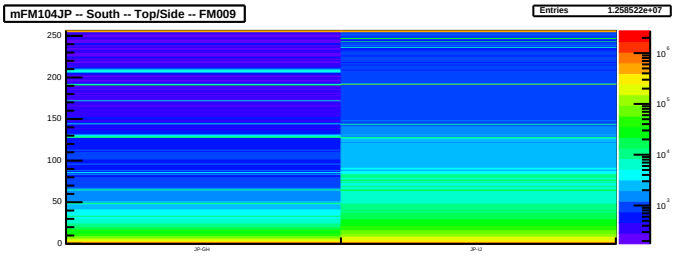

mFM103JPsim -- South -- Bottom -- FM008
Entries 3191986

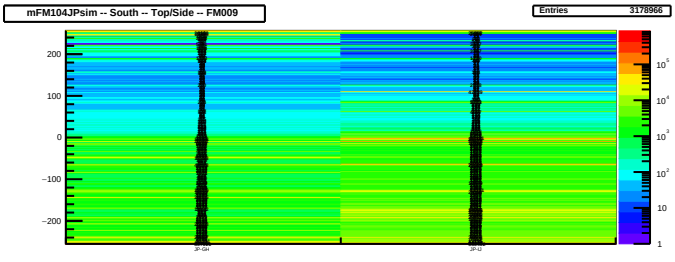

mFM104BS -- North -- Top/Side -- FM009
Entries 2.517045e+07

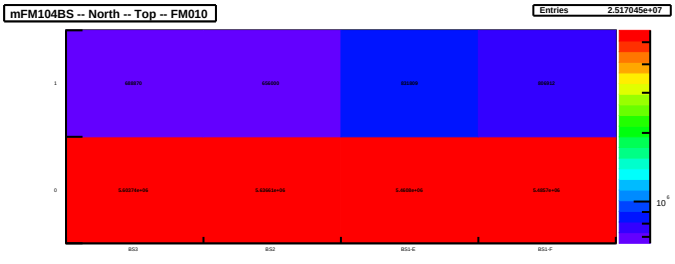

mFM104BSsim -- North -- Top/Side -- FM009
Entries 5058025

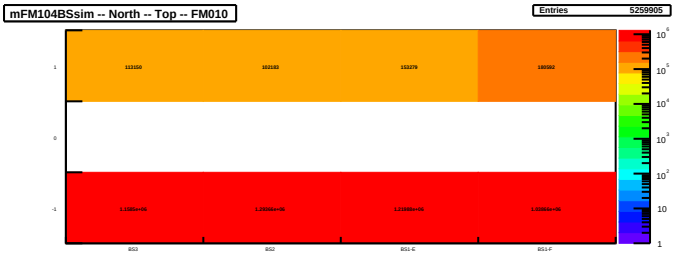

mFM104J -- South -- Top/Side -- FM009
Entries 6292612
J(23)

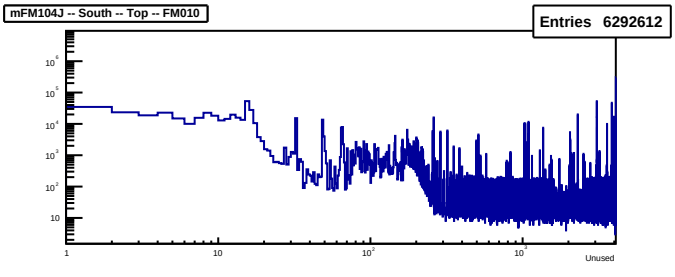

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1602854
J(23)

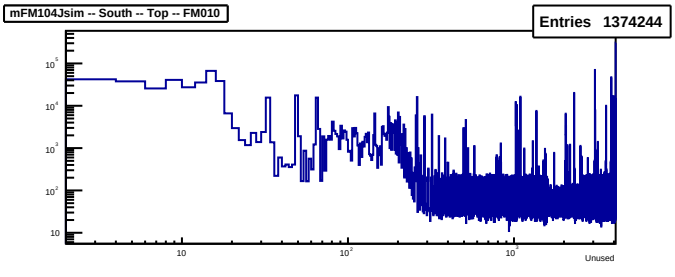

mFM104JP -- South -- Top/Side -- FM009
Entries 1.258522e+07

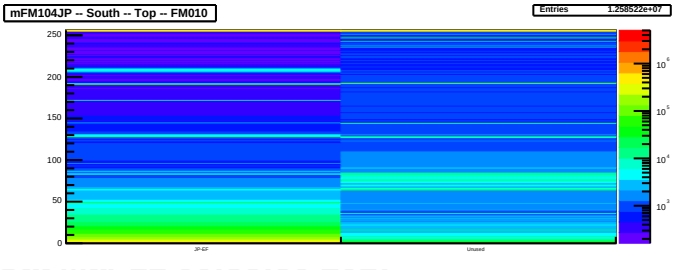

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3178966

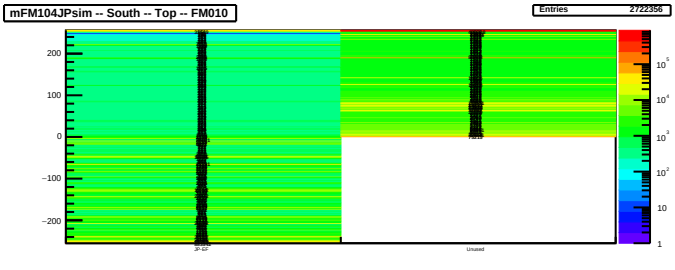

mFM104BS -- North -- Top -- FM010
Entries 2.517045e+07

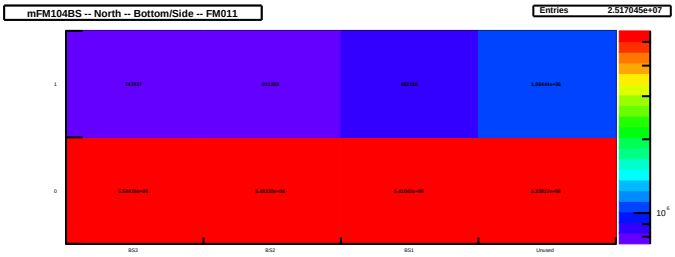

mFM104BSsim -- North -- Top -- FM010
Entries 5259905

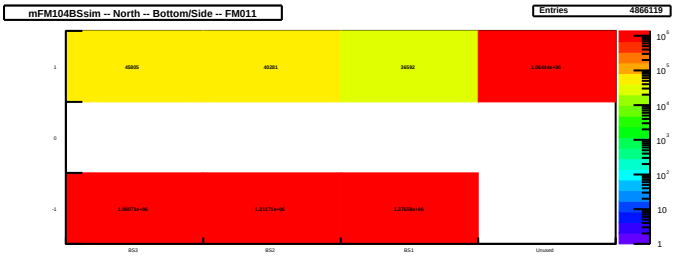

mFM104J -- South -- Top -- FM010
Entries 6292612
Unused

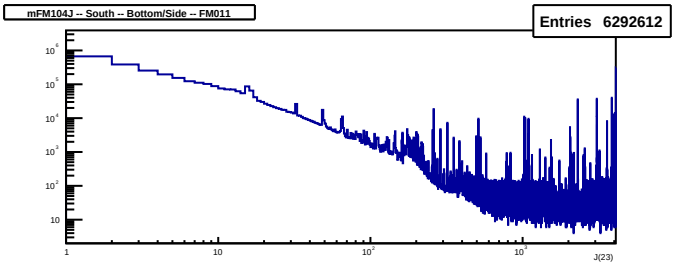

mFM104Jsim -- South -- Top -- FM010
Entries 1374244
Unused

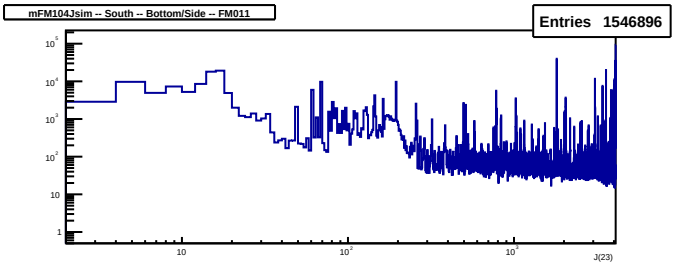

mFM104JP -- South -- Top -- FM010
Entries 1.258522e+07

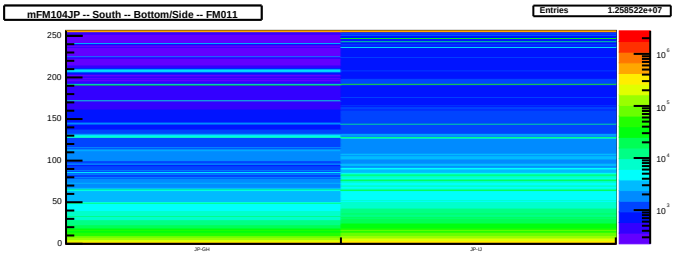

mFM104JPsim -- South -- Top -- FM010
Entries 2722356

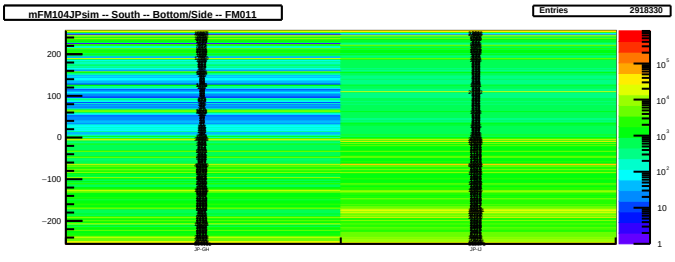

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.517045e+07

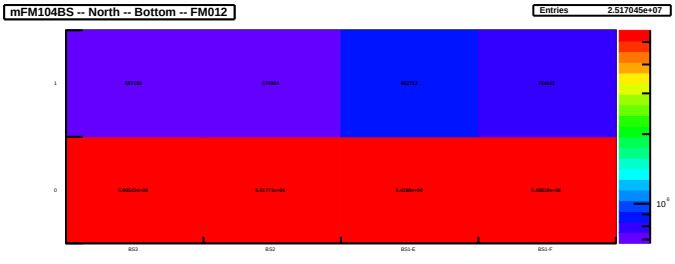

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4866119

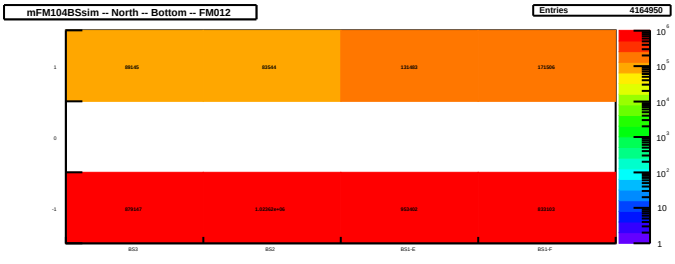

mFM104J -- South -- Bottom/Side -- FM011
Entries 6292612
J(23)

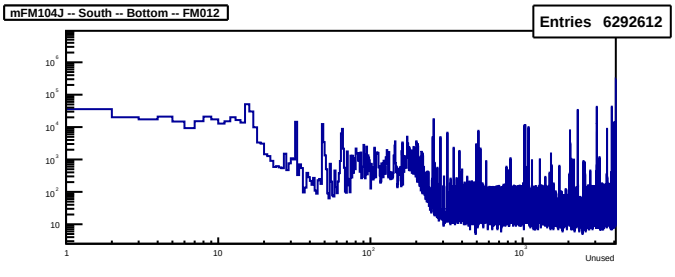

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1546896
J(23)

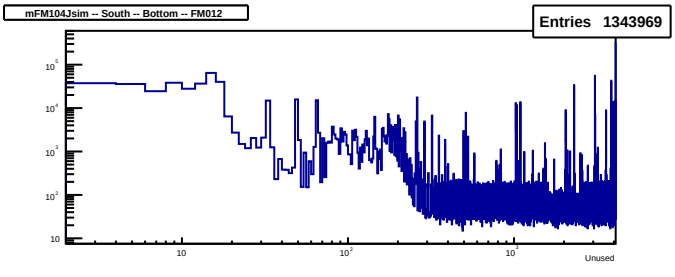

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.258522e+07

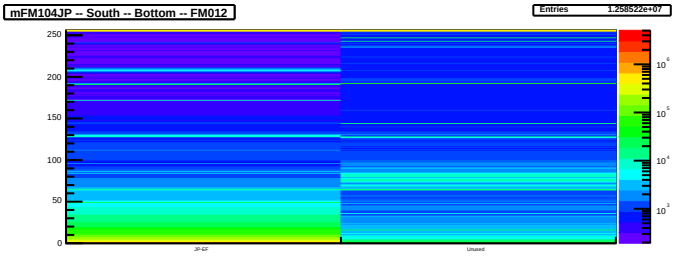

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2918330

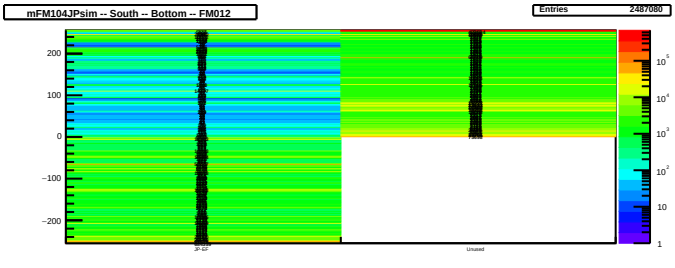

mFM104BS -- North -- Bottom -- FM012
Entries 2.517045e+07

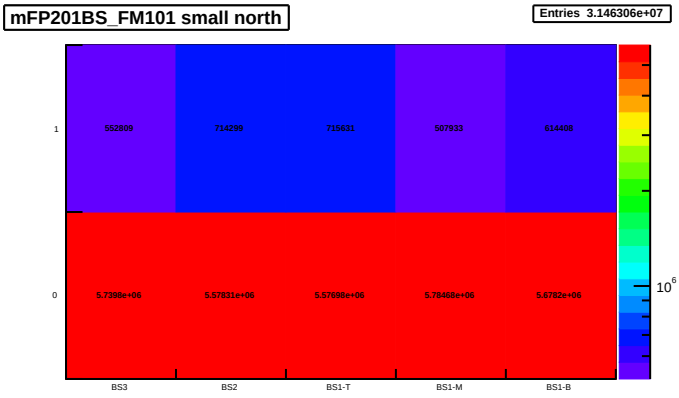

mFM104BSsim -- North -- Bottom -- FM012
Entries 4164950

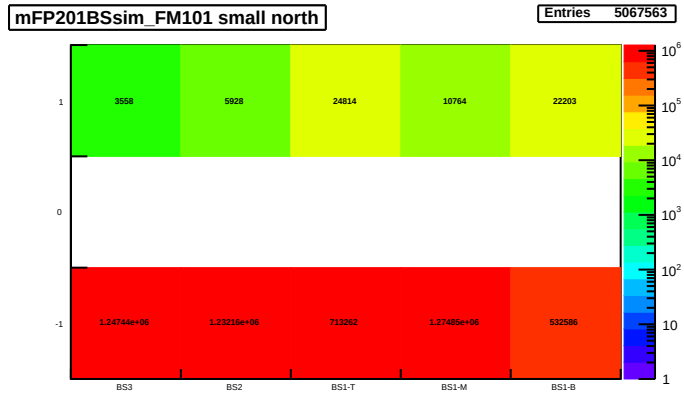

mFM104J -- South -- Bottom -- FM012
Entries 6292612
Unused

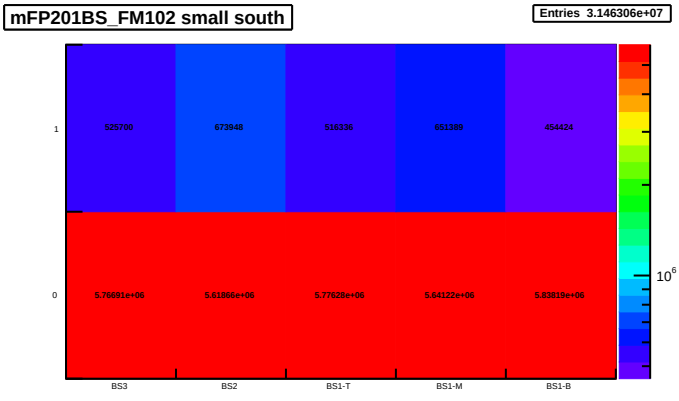

mFM104Jsim -- South -- Bottom -- FM012
Entries 1343969
Unused

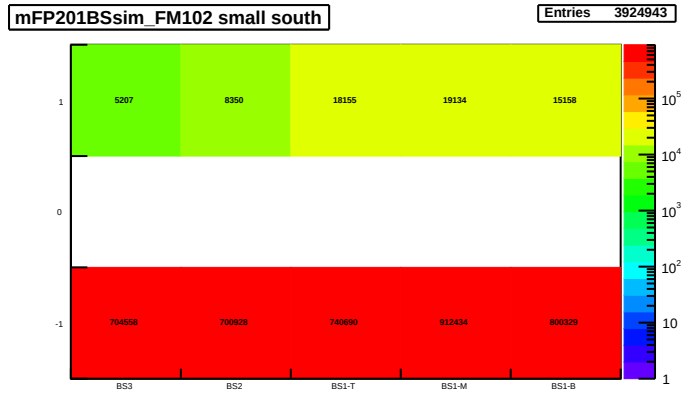

mFM104JP -- South -- Bottom -- FM012
Entries 1.258522e+07

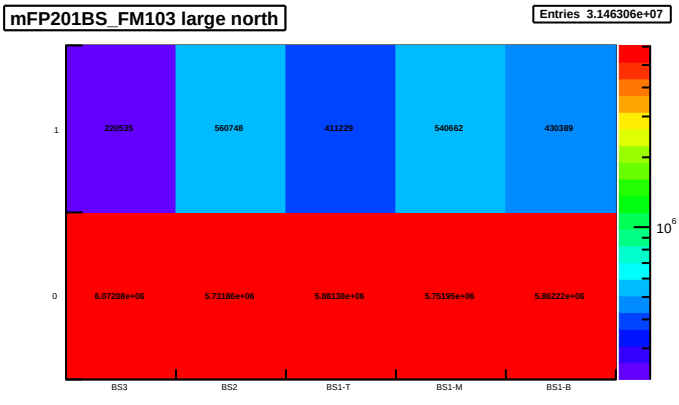

mFM104JPsim -- South -- Bottom -- FM012
Entries 2487080

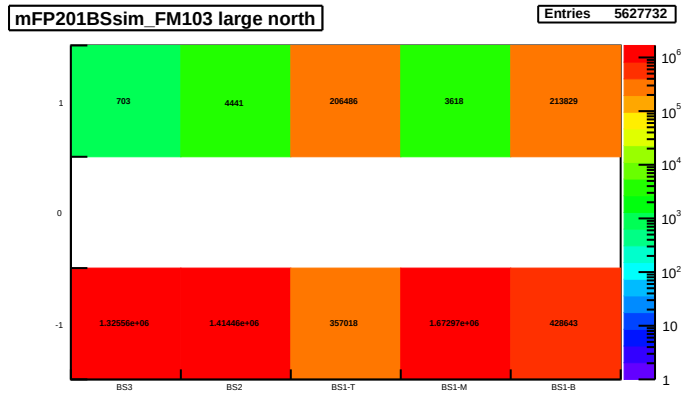

mFP201BS_FM101 small north
Entries 3.146306e+07
552809
714299
715631
507933
614408
5.7398e+06
5.57831e+06
5.57698e+06
5.78468e+06
5.6782e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

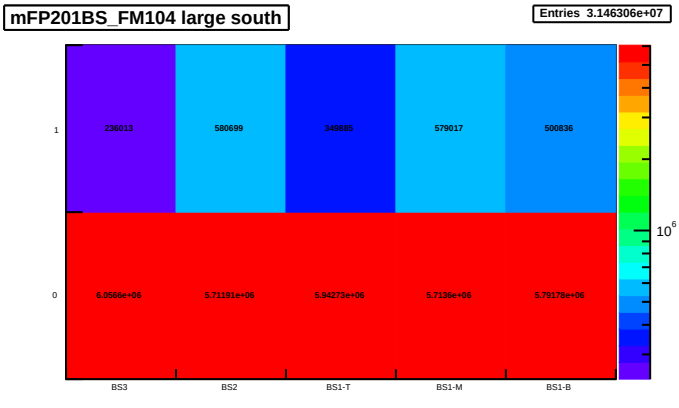

mFP201BSsim_FM101 small north
Entries 5067563
3558
5928
24814
10764
22203
1.24744e+06
1.23216e+06
713262
1.27485e+06
532586
BS3
BS2
BS1-T
BS1-M
BS1-B

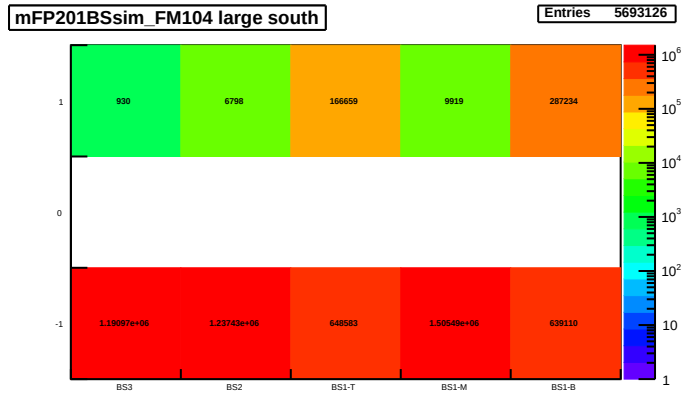

mFP201BS_FM102 small south
Entries 3.146306e+07
525700
673948
516336
651389
454424
5.76691e+06
5.61866e+06
5.77628e+06
5.64122e+06
5.83819e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

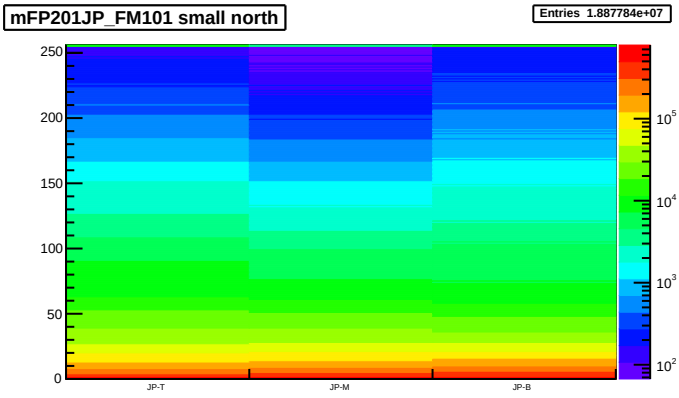

mFP201BSsim_FM102 small south
Entries 3924943
5207
8350
18155
19134
15158
704558
700928
740690
912434
800329
BS3
BS2
BS1-T
BS1-M
BS1-B

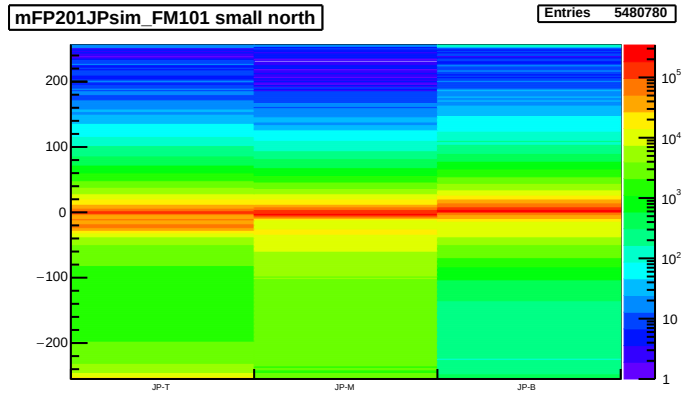

mFP201BS_FM103 large north
Entries 3.146306e+07
220535
560748
411229
540662
430389
6.07208e+06
5.73186e+06
5.88138e+06
5.75195e+06
5.86222e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

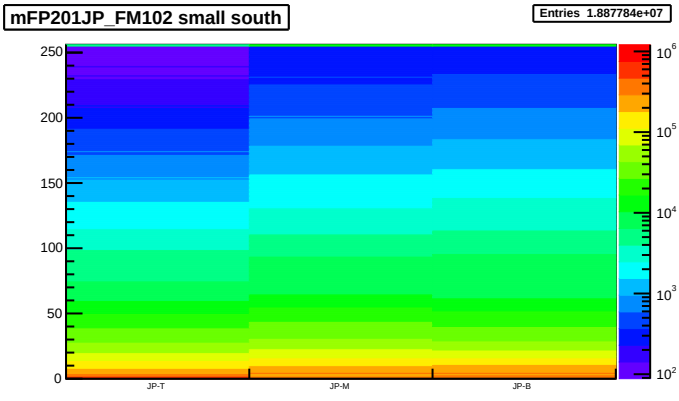

mFP201BSsim_FM103 large north
Entries 5627732
703
4441
206486
3618
213829
1.32556e+06
1.41446e+06
357018
1.67297e+06
428643
BS3
BS2
BS1-T
BS1-M
BS1-B

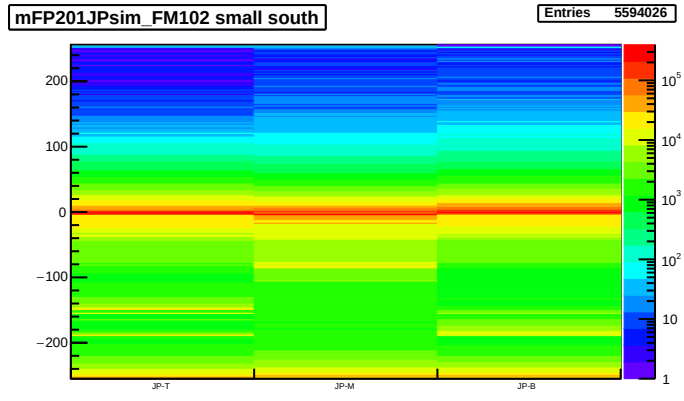

mFP201BS_FM104 large south
Entries 3.146306e+07
236013
580699
349885
579017
500836
6.0566e+06
5.71191e+06
5.94273e+06
5.7136e+06
5.79178e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

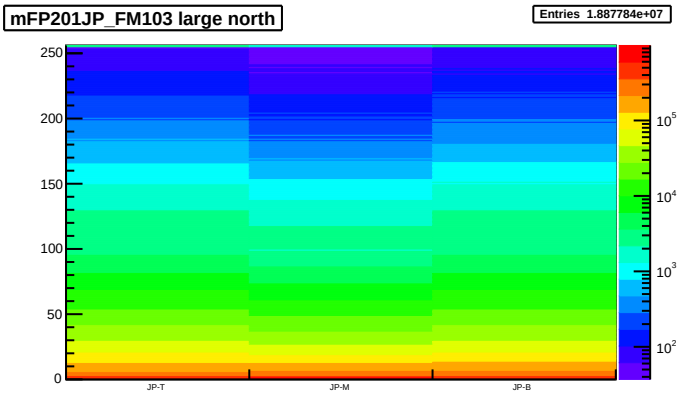

mFP201BSsim_FM104 large south
Entries 5693126
930
6798
166659
9919
287234
1.19097e+06
1.23743e+06
648583
1.50549e+06
639110
BS3
BS2
BS1-T
BS1-M
BS1-B

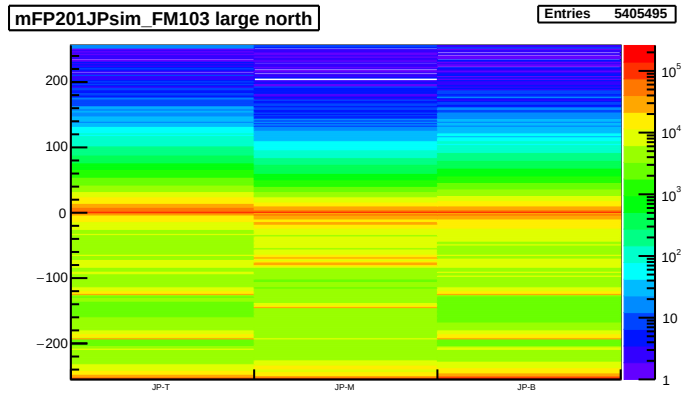

mFP201JP_FM101 small north
Entries 1.887784e+07
JP-T
JP-M
JP-B

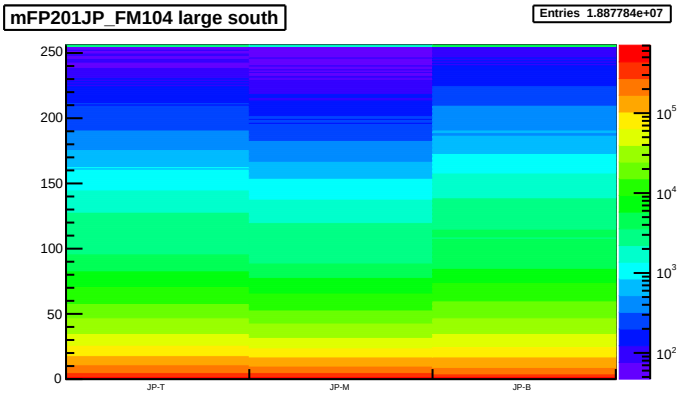

mFP201JPsim_FM101 small north
Entries 5480780
JP-T
JP-M
JP-B

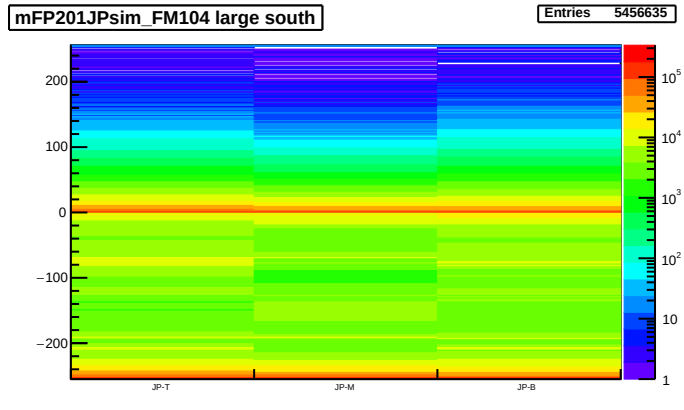

mFP201JP_FM102 small south
Entries 1.887784e+07
JP-T
JP-M
JP-B

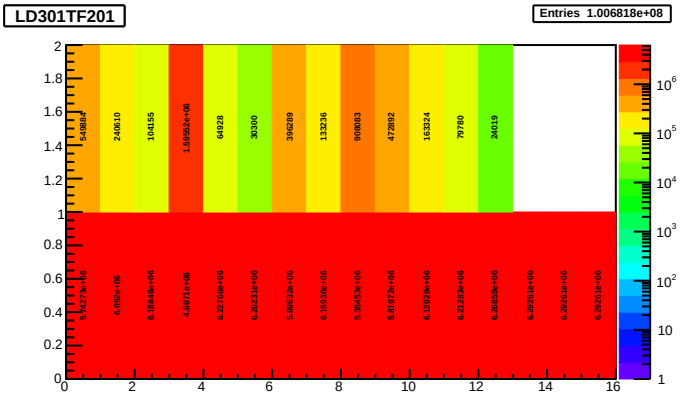

mFP201JPsim_FM102 small south
Entries 5594026
JP-T
JP-M
JP-B

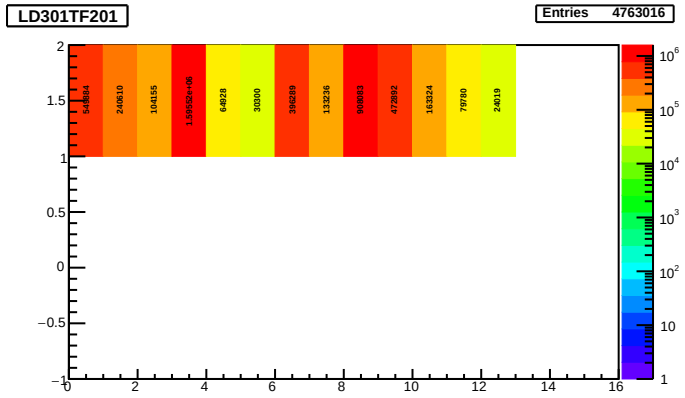

mFP201JP_FM103 large north
Entries 1.887784e+07
JP-T
JP-M
JP-B

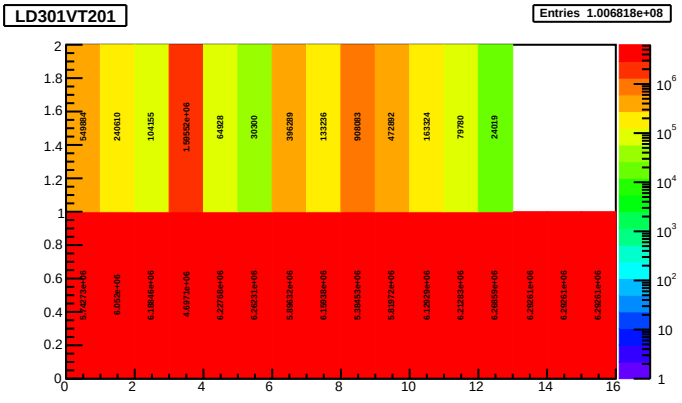

mFP201JPsim_FM103 large north
Entries 5405495
JP-T
JP-M
JP-B

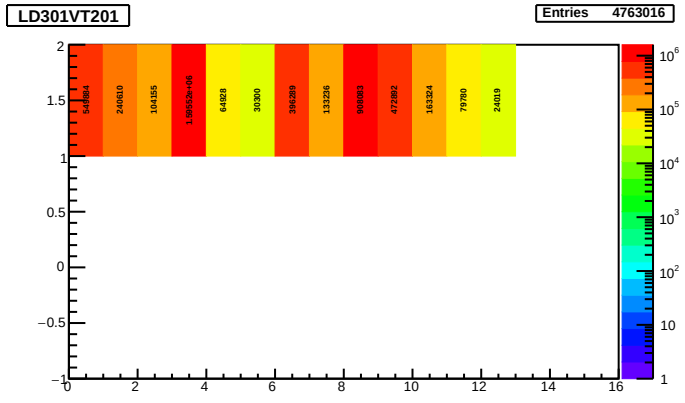

mFP201JP_FM104 large south
Entries 1.887784e+07
JP-T
JP-M
JP-B

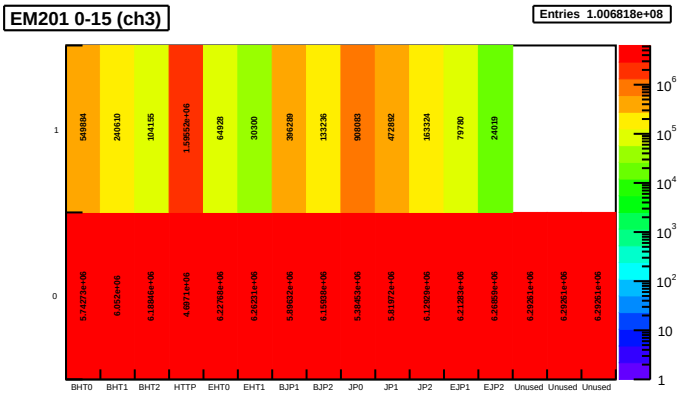

mFP201JPsim_FM104 large south
Entries 5456635
JP-T
JP-M
JP-B

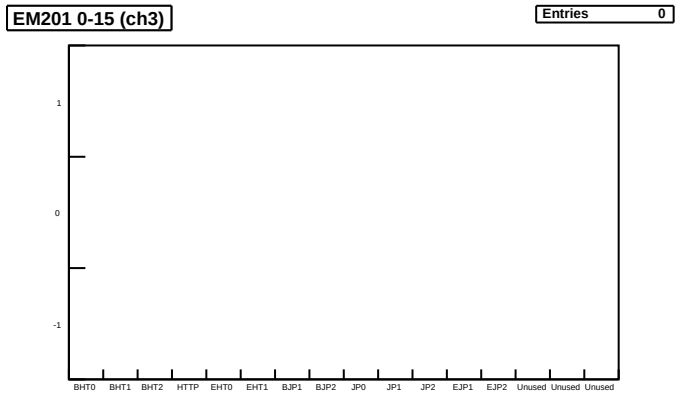

LD301TF201
Entries 1.006818e+08

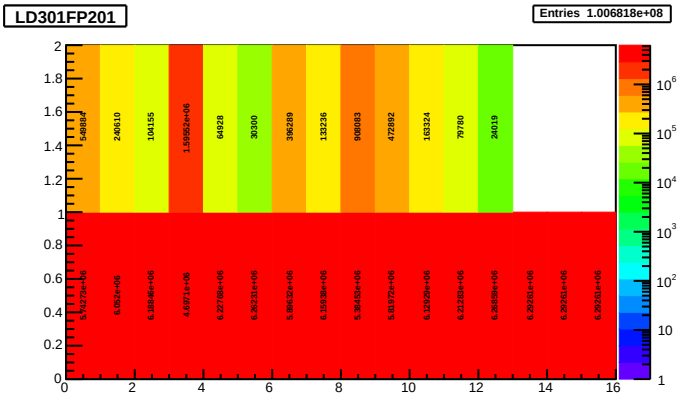

LD301TF201
Entries 4763016

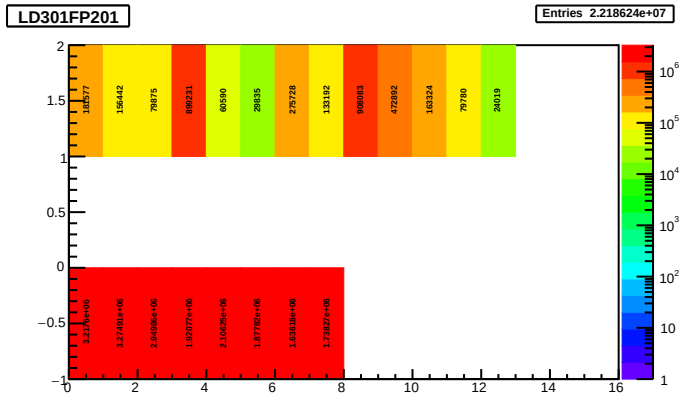

LD301VT201
Entries 1.006818e+08


LD301VT201
Entries 4763016


EM201 0-15 (ch3)
Entries 1.006818e+08
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 1.006818e+08


LD301FP201
Entries 2.218624e+07