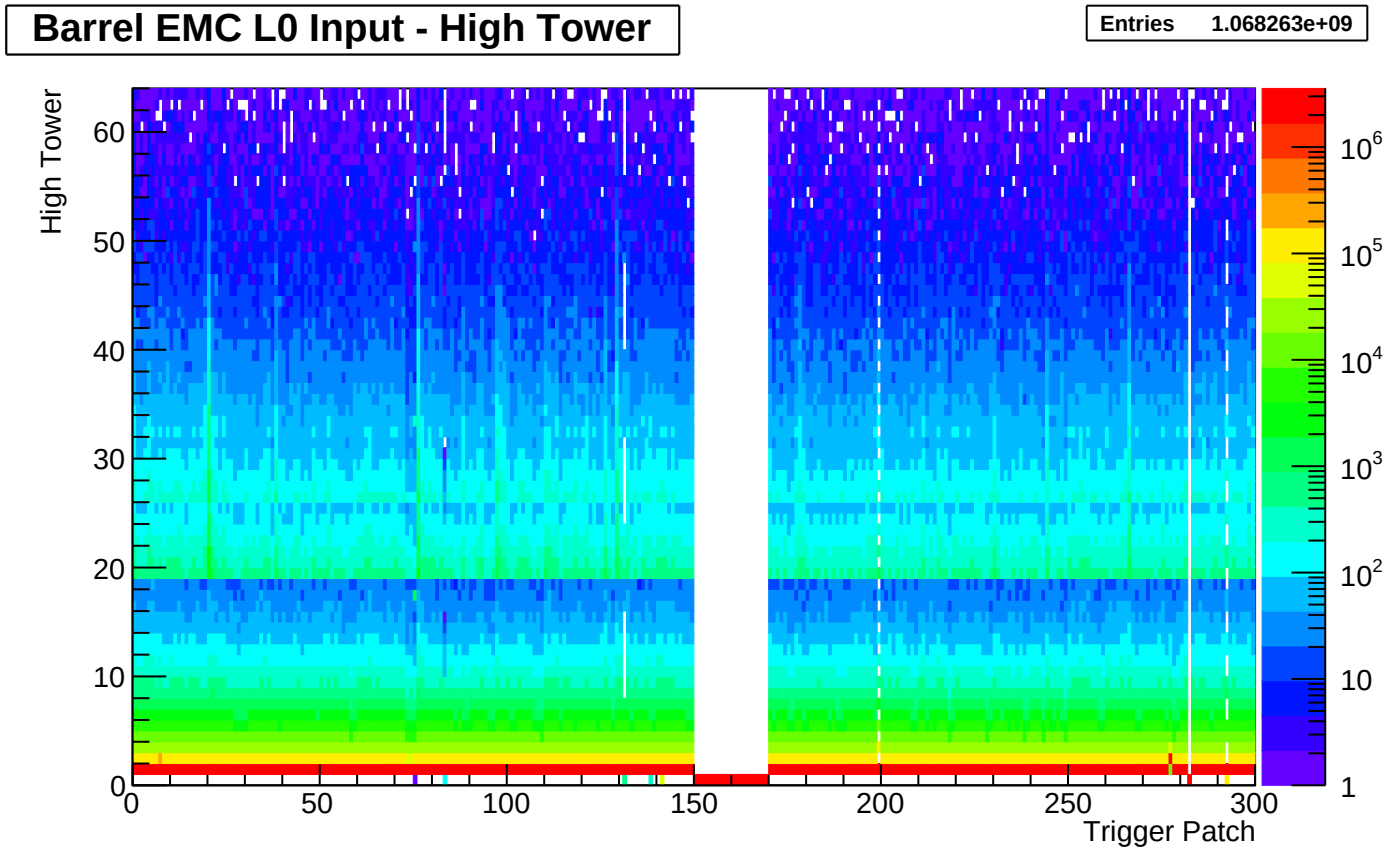
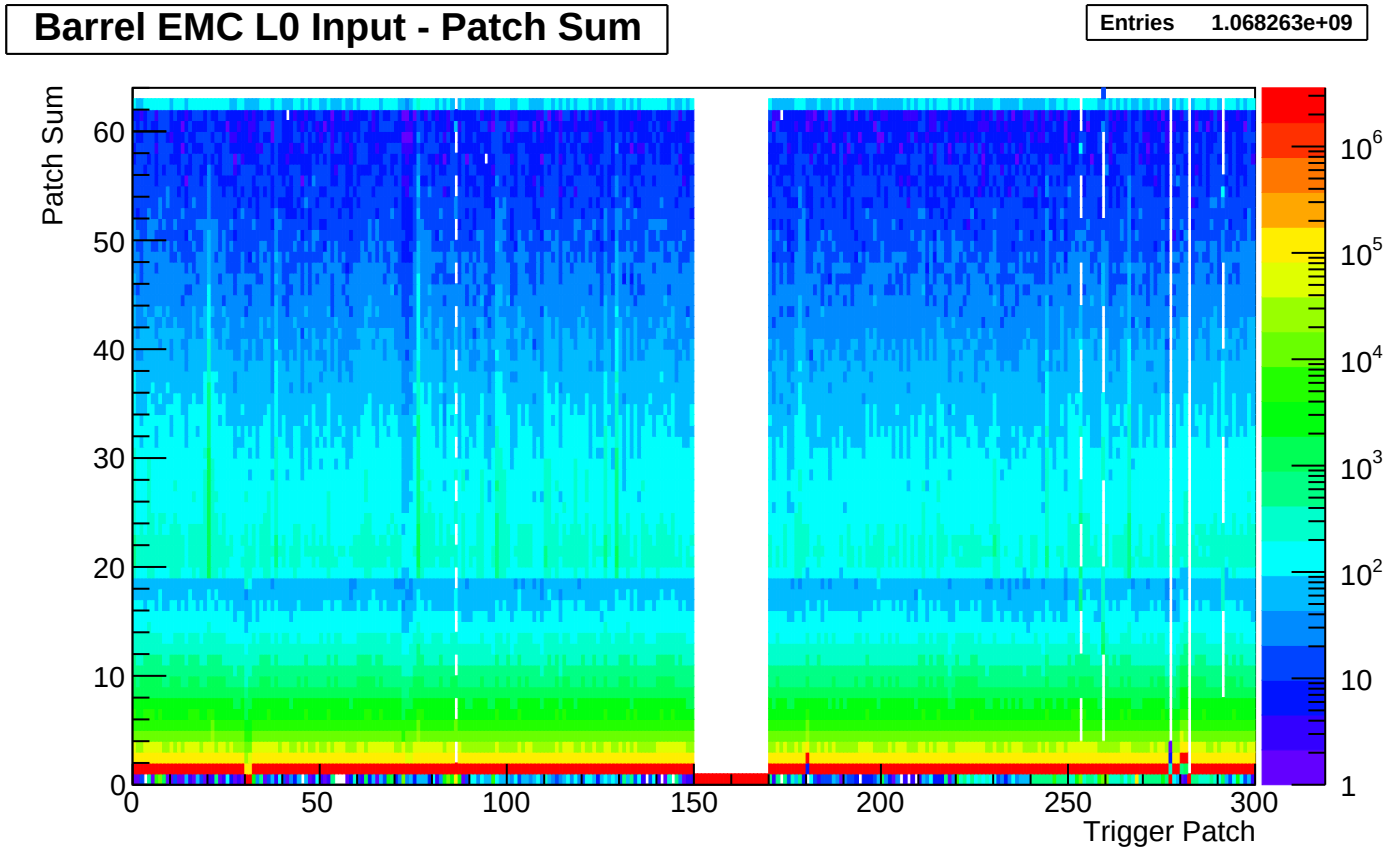
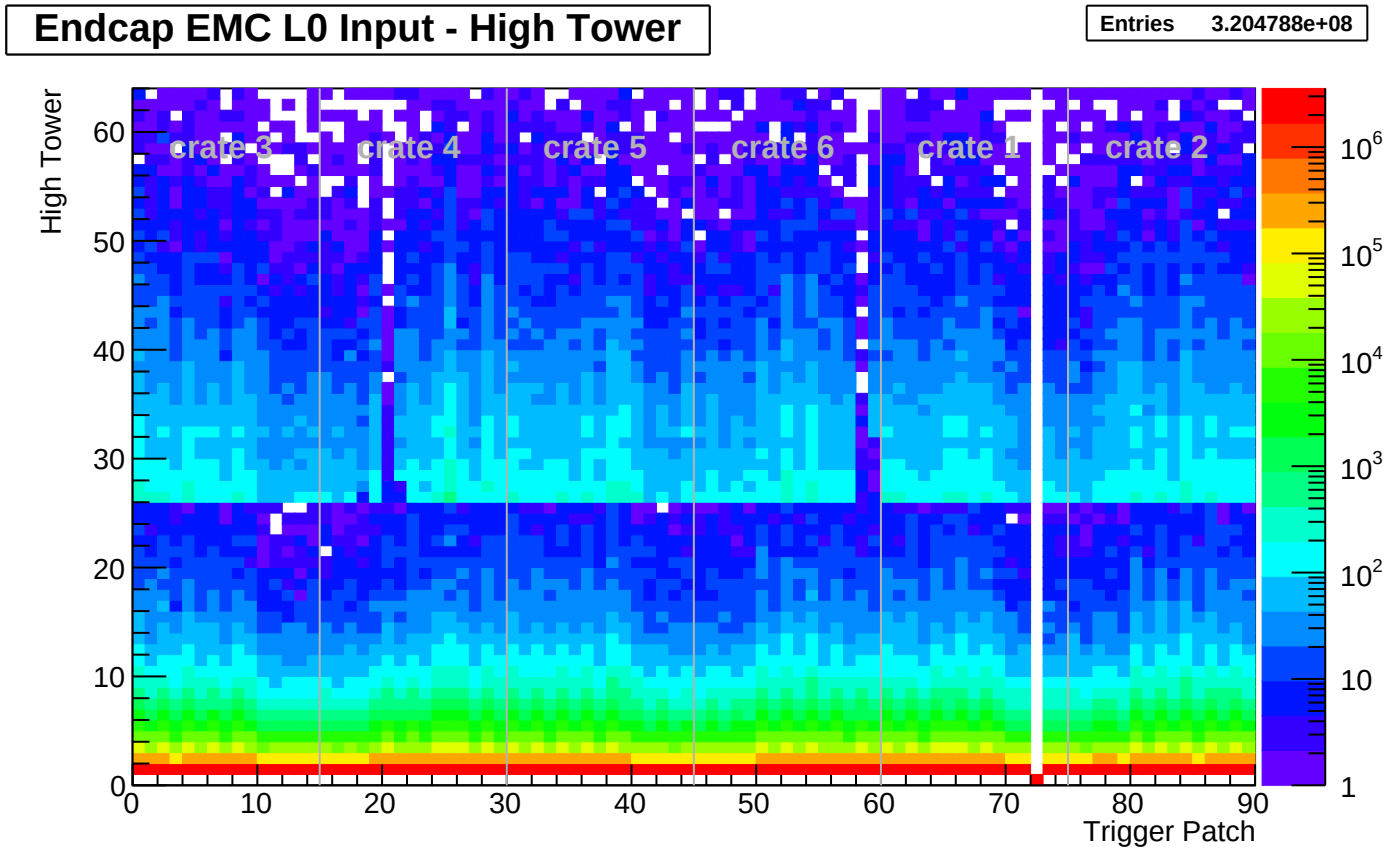
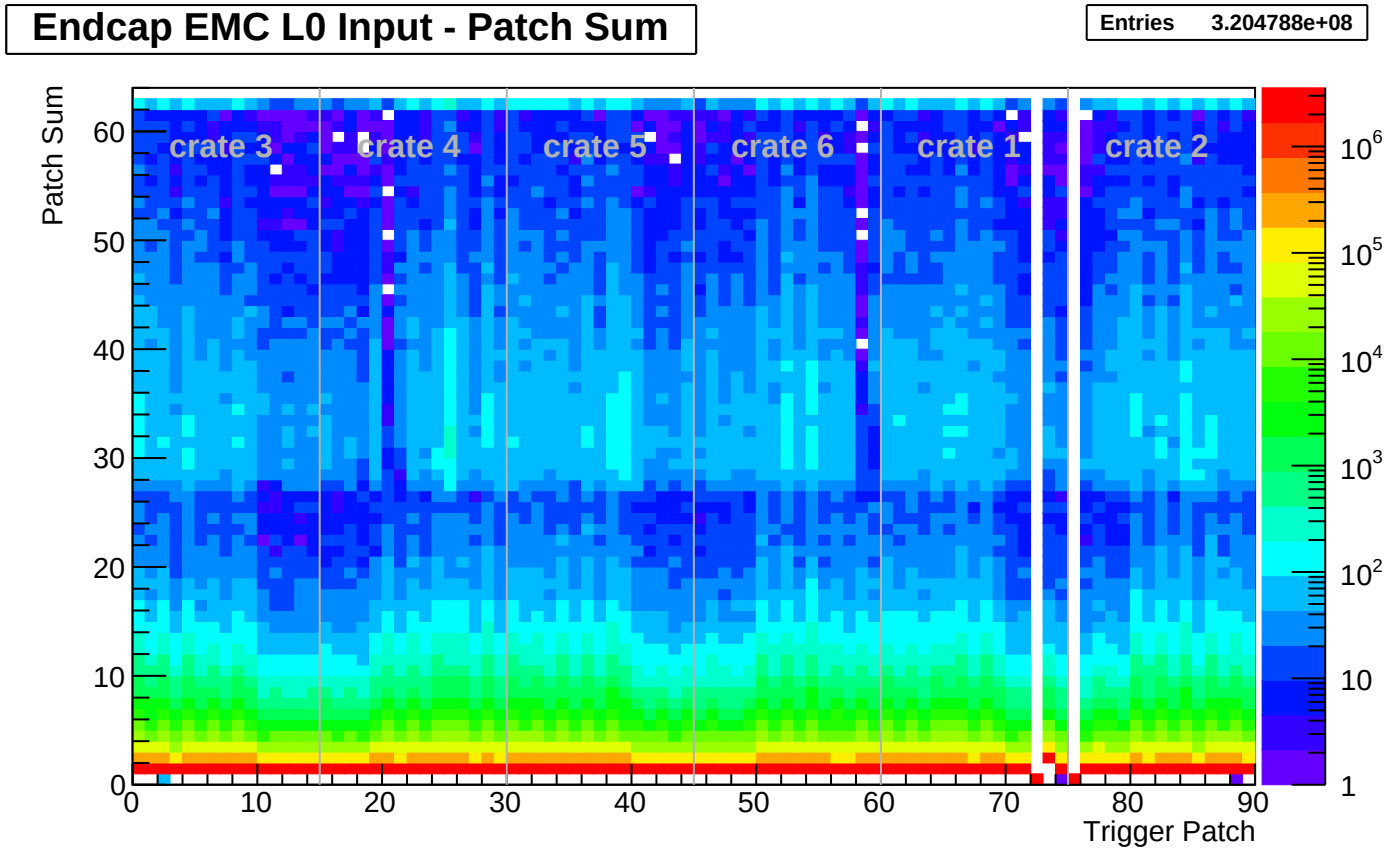
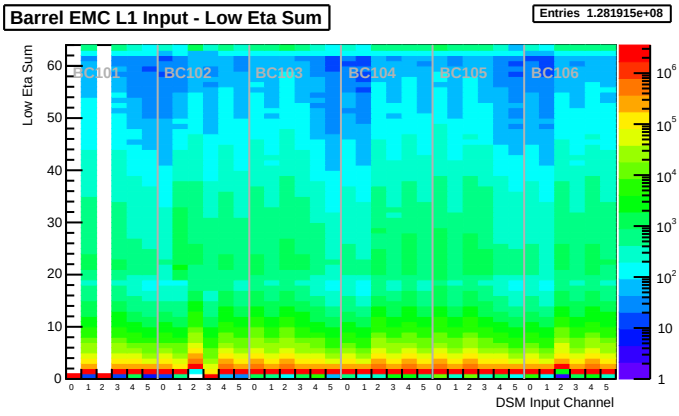
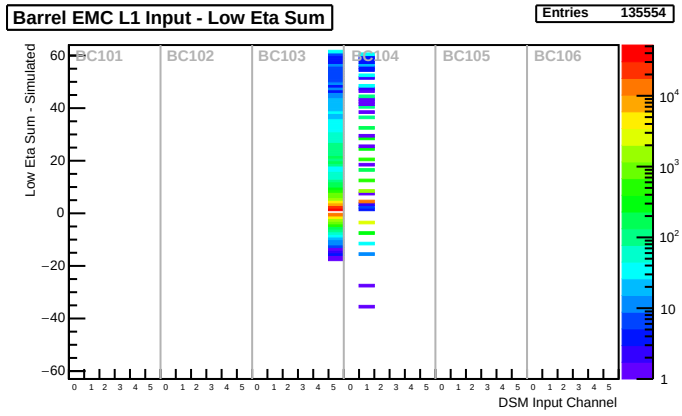

Barrel EMC L0 Input - High Tower
Entries 1.068263e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

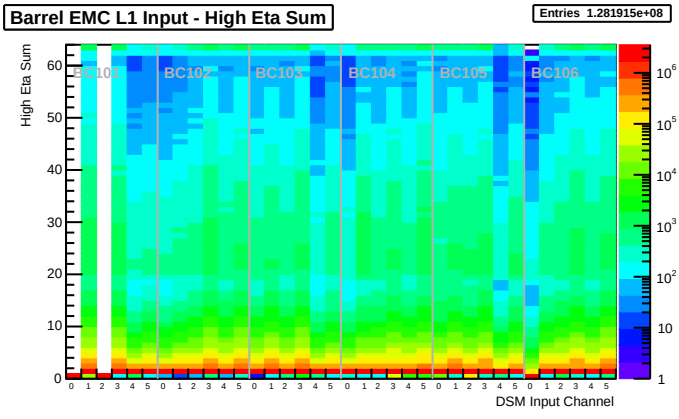

Barrel EMC L0 Input - Patch Sum
Entries 1.068263e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

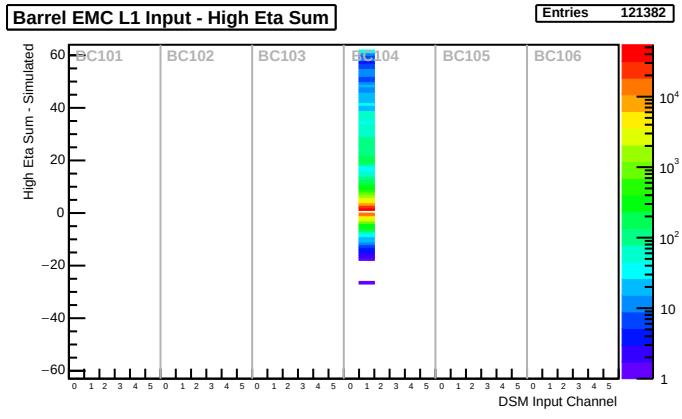

Endcap EMC L0 Input - High Tower
Entries 3.204788e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

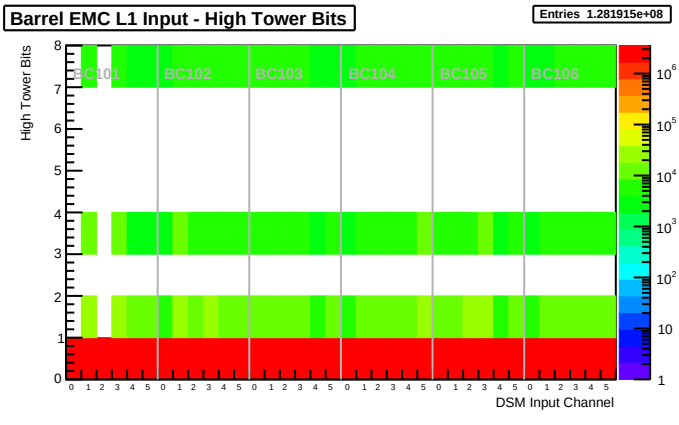

Endcap EMC L0 Input - Patch Sum
Entries 3.204788e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

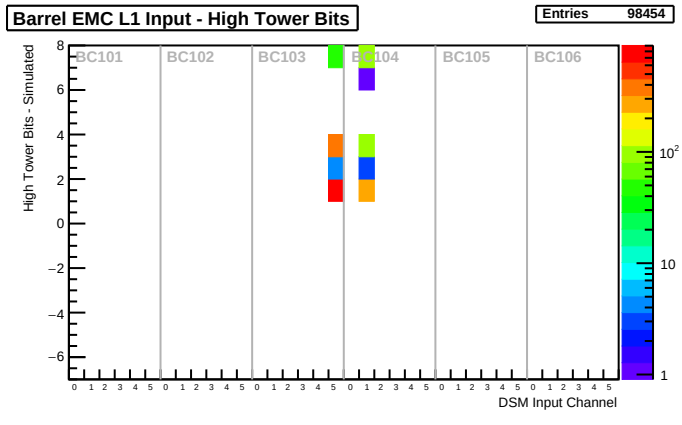

Barrel EMC L1 Input - Low Eta Sum
Entries 1.281915e+08
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

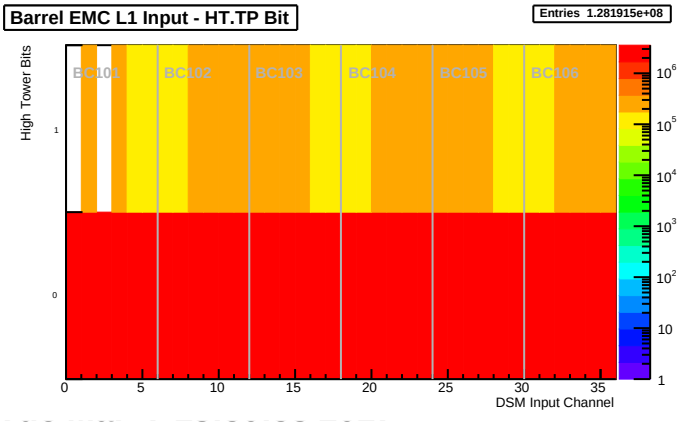

Barrel EMC L1 Input - Low Eta Sum
Entries 135554
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

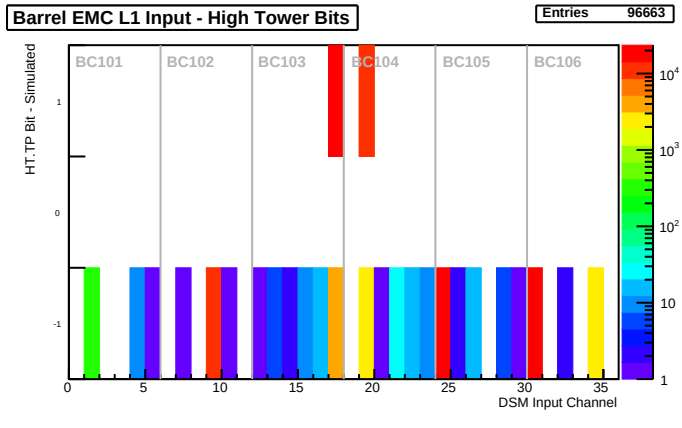

Barrel EMC L1 Input - High Eta Sum
Entries 1.281915e+08
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

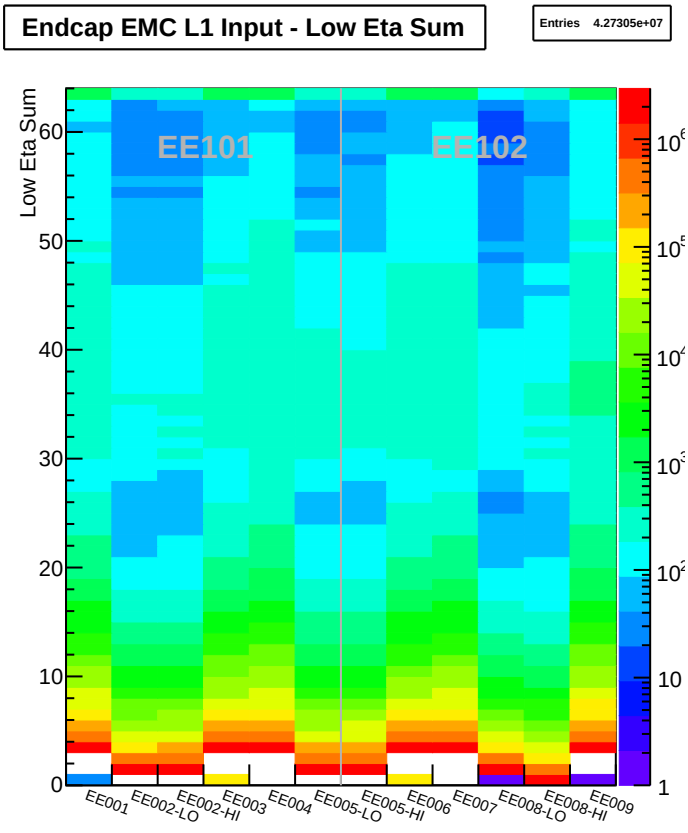

Barrel EMC L1 Input - High Eta Sum
Entries 121382
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

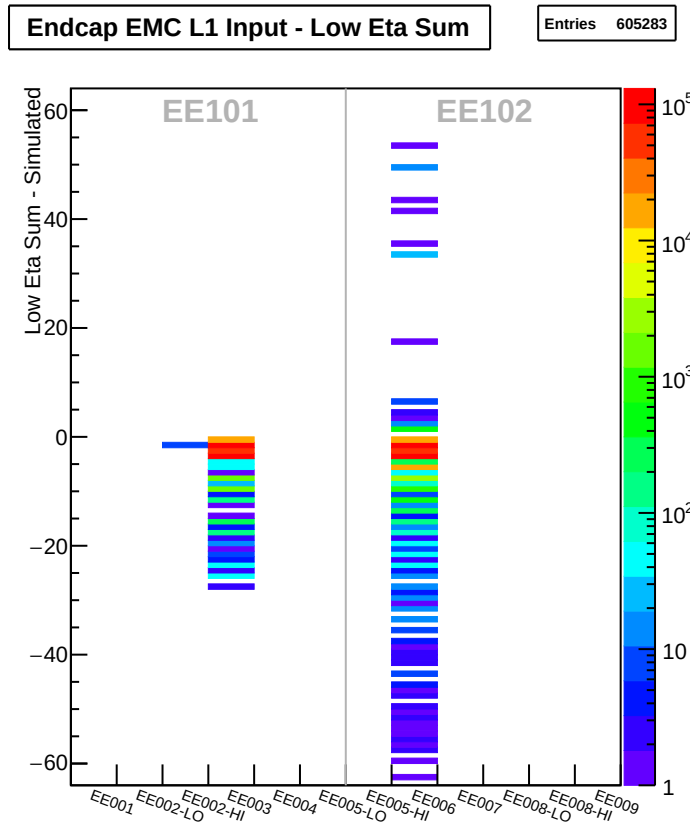

Barrel EMC L1 Input - High Tower Bits
Entries 1.281915e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

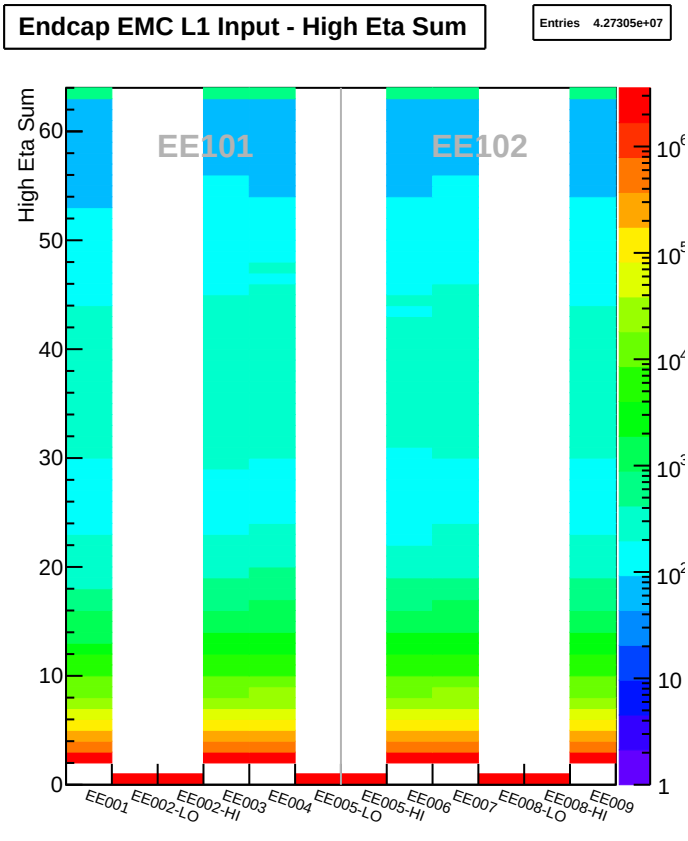

Barrel EMC L1 Input - High Tower Bits
Entries 98454
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

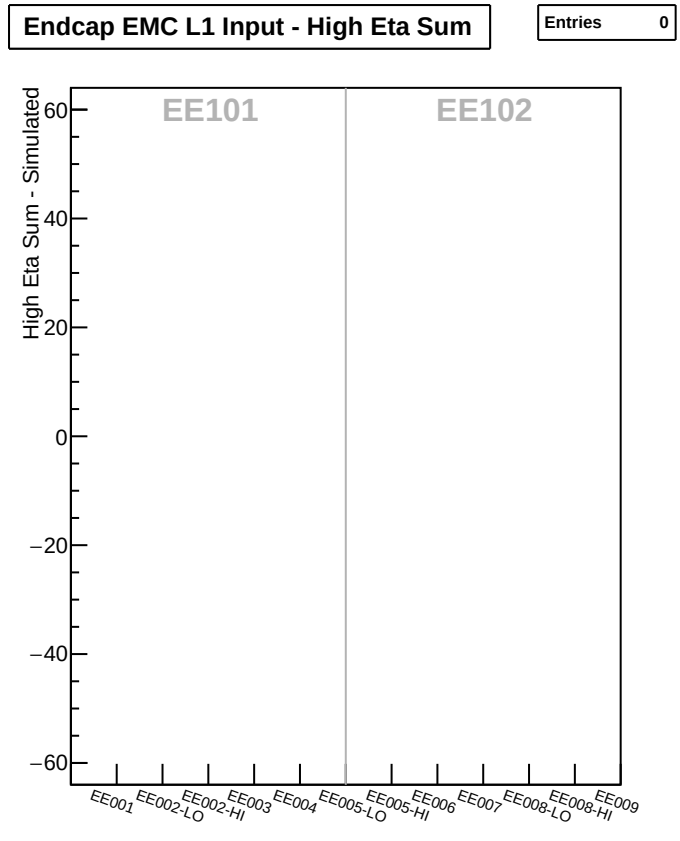

Barrel EMC L1 Input - HT.TP Bit
Entries 1.281915e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

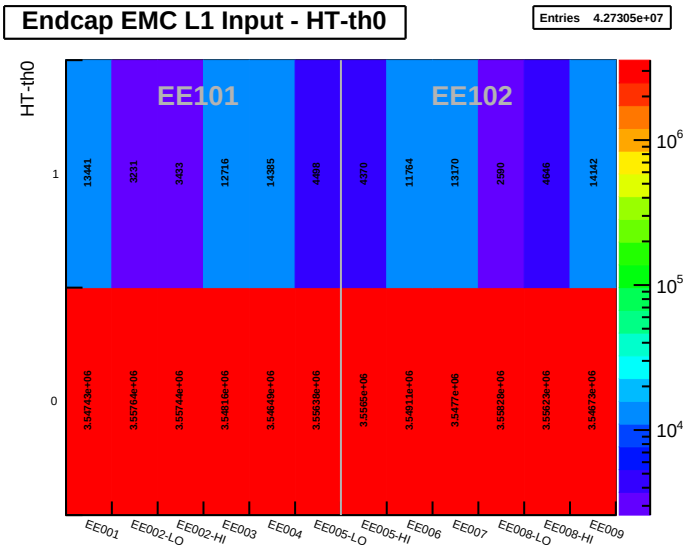

Barrel EMC L1 Input - High Tower Bits
Entries 96663
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

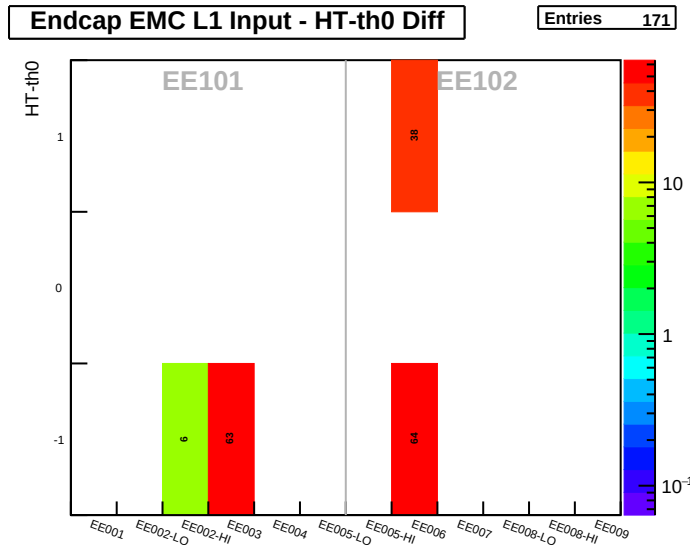

Endcap EMC L1 Input - Low Eta Sum
Entries 4.27305e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

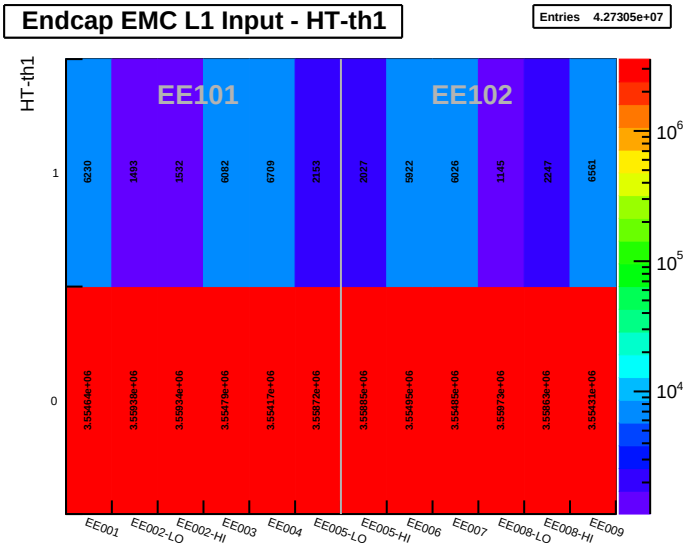

Endcap EMC L1 Input - Low Eta Sum
Entries 605283
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

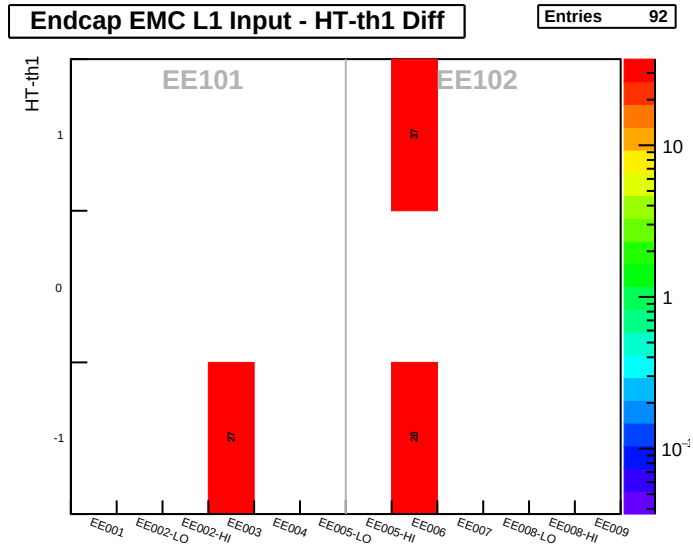

Endcap EMC L1 Input - High Eta Sum
Entries 4.27305e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

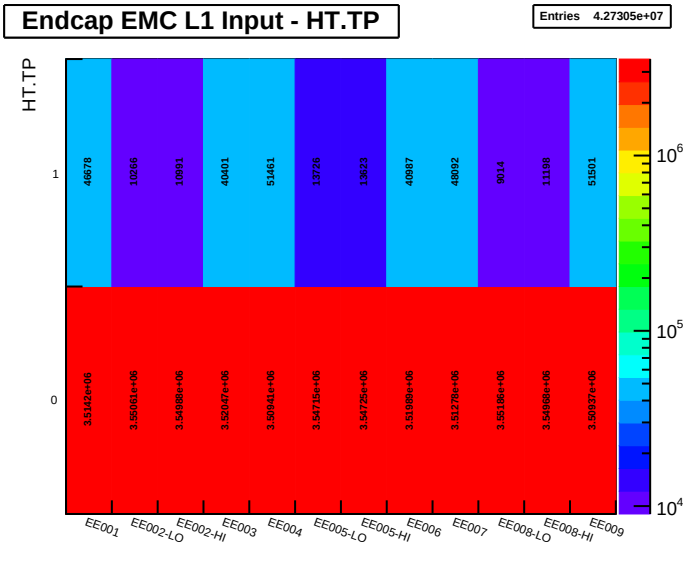

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

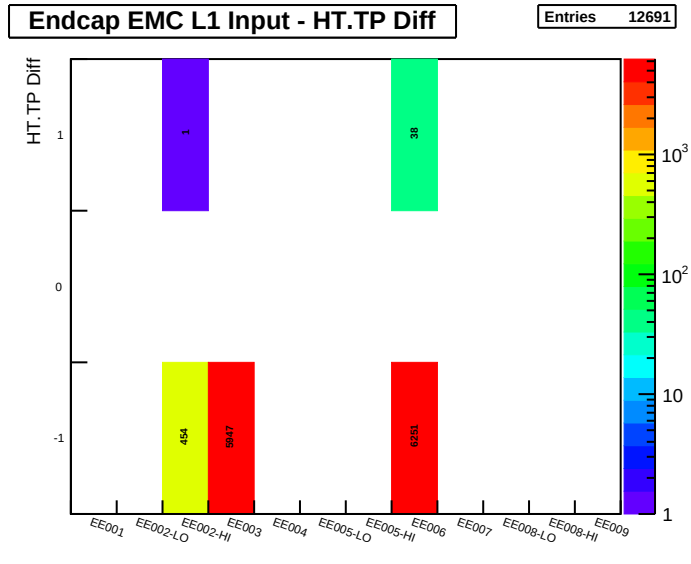

Endcap EMC L1 Input - HT-th0
Entries 4.27305e+07
HT-th0
EE101
EE102
13441 3231 3433 12716 14395 4498 4370 11764 13170 2690 4646 14442
3.54743e+06 3.55764e+06 3.55744e+06 3.54816e+06 3.54649e+06 3.55639e+06 3.5565e+06 3.54811e+06 3.5477e+06 3.55828e+06 3.55823e+06 3.54673e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

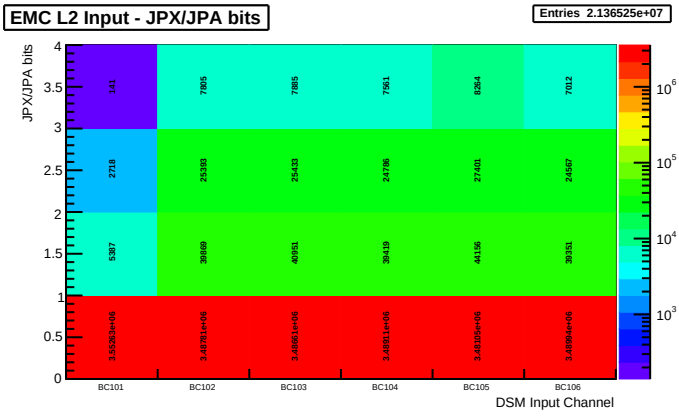

Endcap EMC L1 Input - HT-th0 Diff
Entries 171
HT-th0
EE101
EE102
38
6 63 64
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

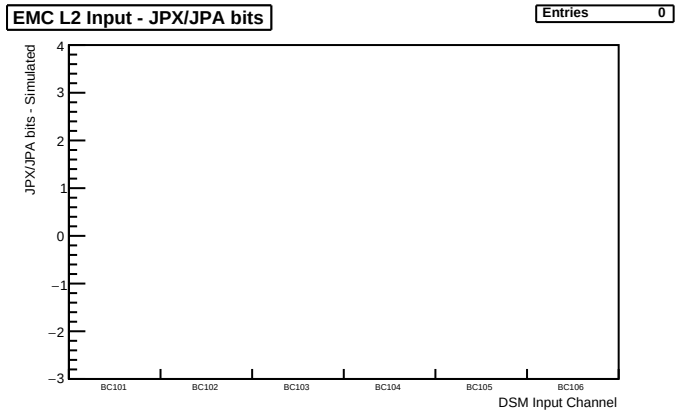

Endcap EMC L1 Input - HT-th1
Entries 4.27305e+07
HT-th1
EE101
EE102
6230 1493 1532 6082 6709 2153 2027 5922 6026 1145 2247 6561
3.55464e+06 3.55938e+06 3.55934e+06 3.55479e+06 3.55417e+06 3.55972e+06 3.55885e+06 3.55495e+06 3.55485e+06 3.55973e+06 3.55863e+06 3.55431e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

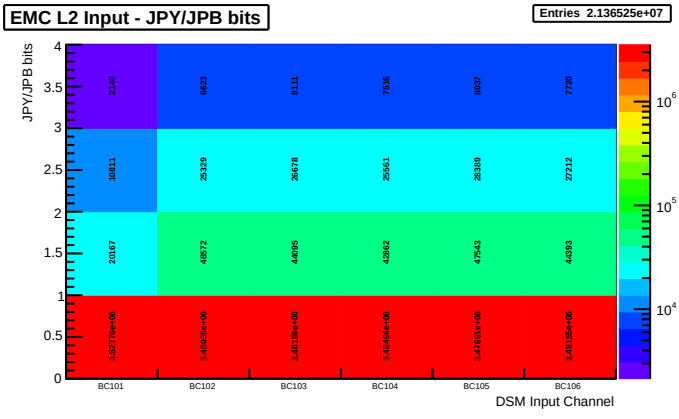

Endcap EMC L1 Input - HT-th1 Diff
Entries 92
HT-th1
EE101
EE102
37
27 28
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

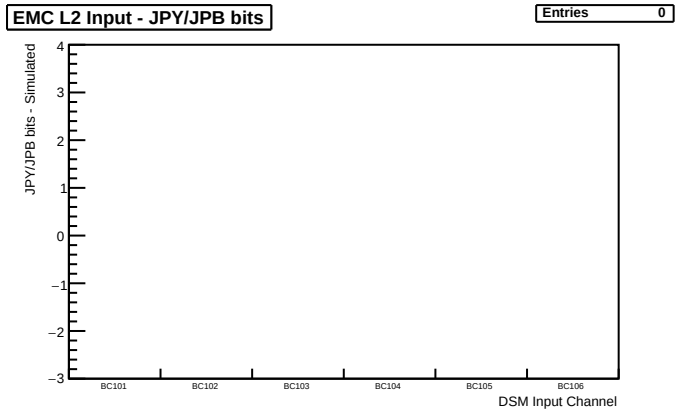

Endcap EMC L1 Input - HT.TP
Entries 4.27305e+07
HT.TP
46678 10266 10931 40401 51461 13726 13523 40987 48092 9014 11198 51501
3.5142e+06 3.55061e+06 3.54938e+06 3.52047e+06 3.50941e+06 3.54715e+06 3.54725e+06 3.51988e+06 3.51278e+06 3.55186e+06 3.54968e+06 3.50937e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

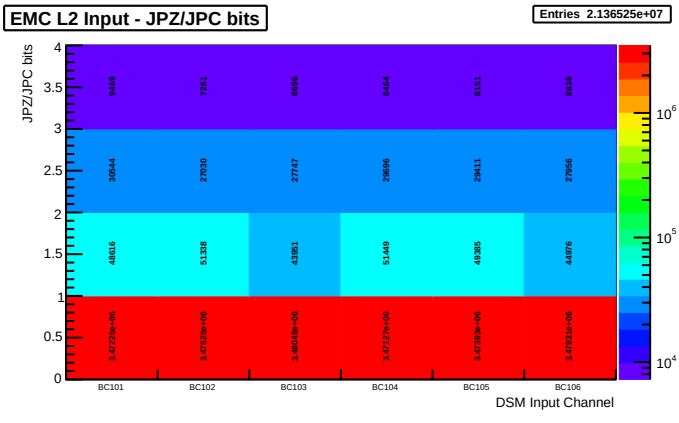

Endcap EMC L1 Input - HT.TP Diff
Entries 12691
HT.TP Diff
1
38
454 5947 6231
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

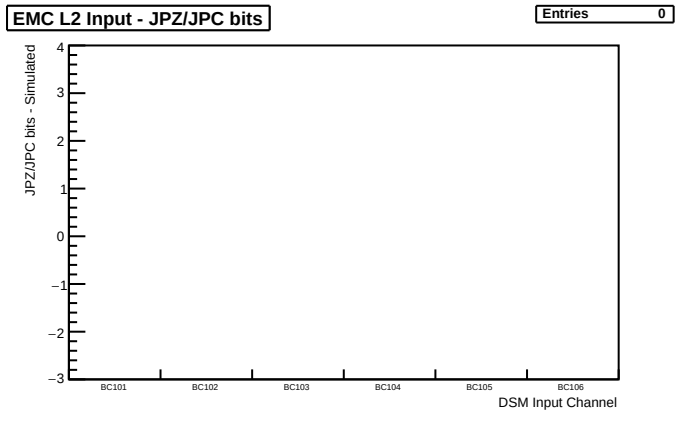

EMC L2 Input - JPX/JPA bits
Entries 2.136525e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
141
7805
7805
7951
8254
7012
2718
25393
25433
24786
27401
24567
5387
39969
40951
39419
44156
39351
3.55283e+06
3.48781e+06
3.48661e+06
3.48911e+06
3.48105e+06
3.48994e+06

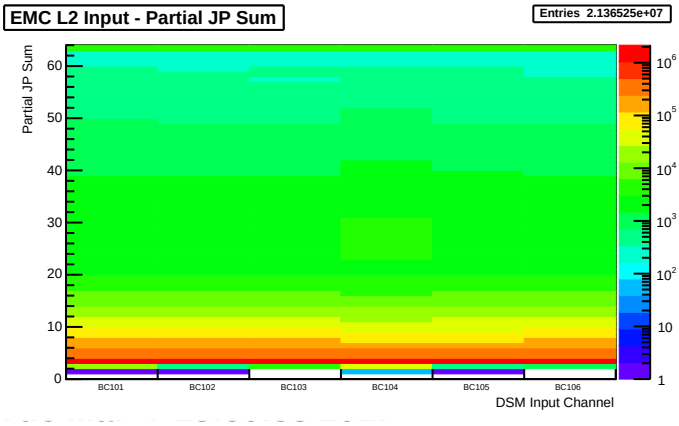

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

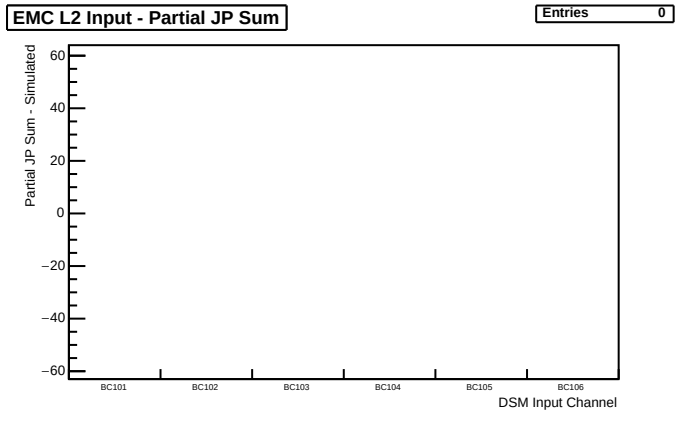

EMC L2 Input - JPY/JPB bits
Entries 2.136525e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
2140
6625
8111
7536
8037
7720
10811
25329
26678
25561
28389
27212
20167
48572
44095
42842
47543
44393
3.52776e+06
3.48035e+06
3.48199e+06
3.48494e+06
3.47691e+06
3.48155e+06

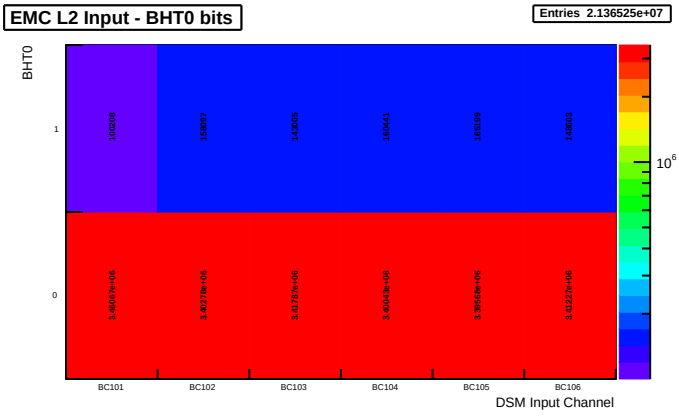

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

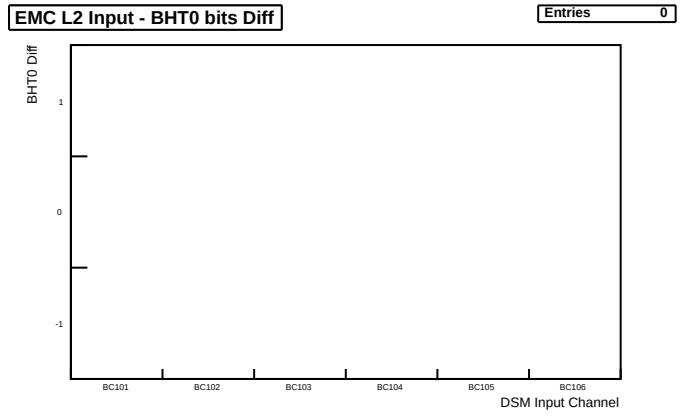

EMC L2 Input - JPZ/JPC bits
Entries 2.136525e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9459
7251
8696
8464
8151
8636
30544
27930
27747
29696
29411
27956
48616
51338
43951
51449
49385
44976
3.47225e+06
3.47535e+06
3.48048e+06
3.47127e+06
3.47393e+06
3.47931e+06

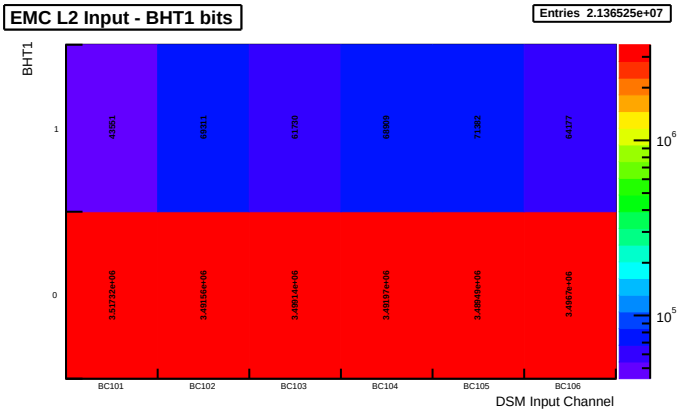

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

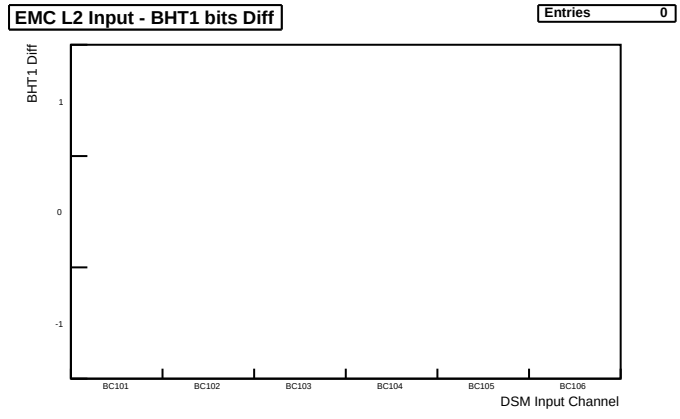

EMC L2 Input - Partial JP Sum
Entries 2.136525e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

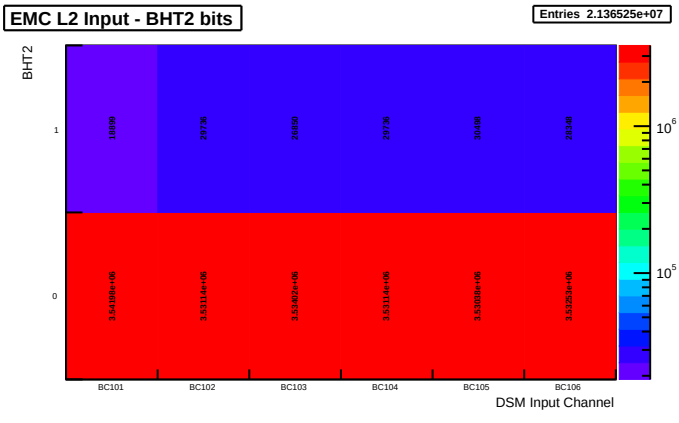

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

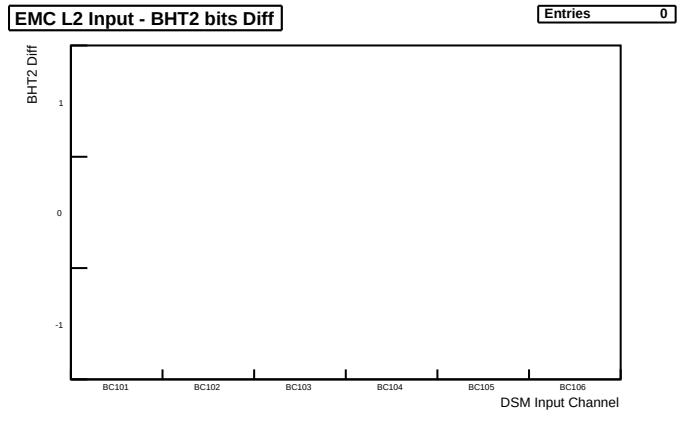

EMC L2 Input - BHT0 bits
Entries 2.136525e+07
BHT0
1
0
100208
158097
143905
169441
165199
148603
3.40067e+06
3.40278e+06
3.41787e+06
3.40043e+06
3.39568e+06
3.41227e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

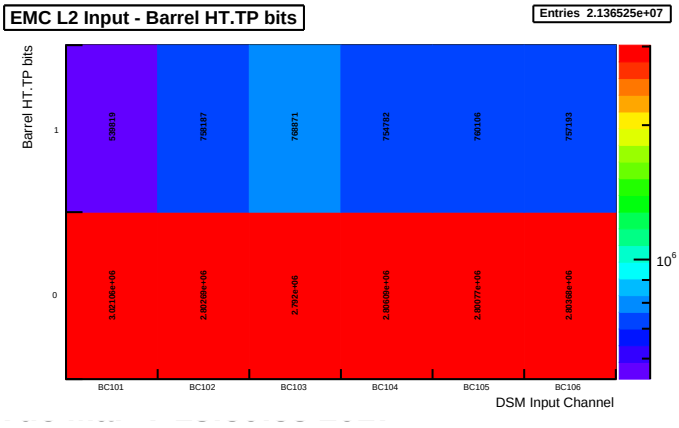

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

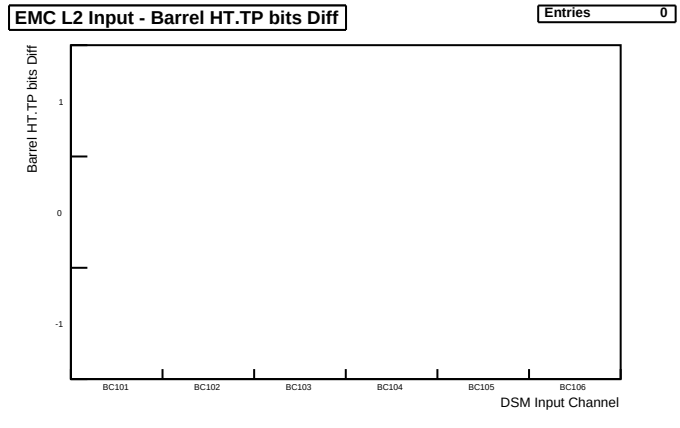

EMC L2 Input - BHT1 bits
Entries 2.136525e+07
BHT1
1
0
43551
61311
61730
63998
71382
64177
3.51722e+06
3.49156e+06
3.49114e+06
3.49197e+06
3.48949e+06
3.48976e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

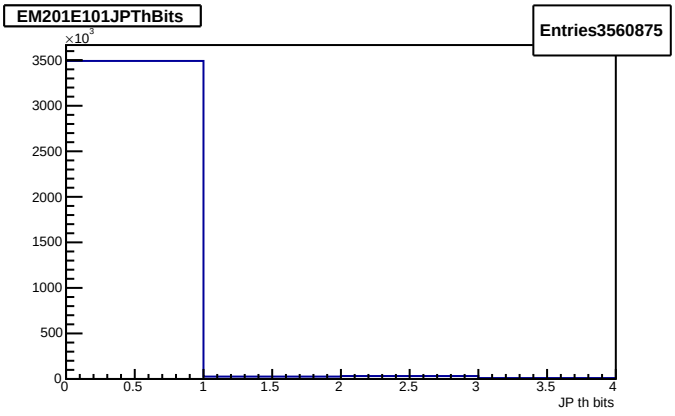

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

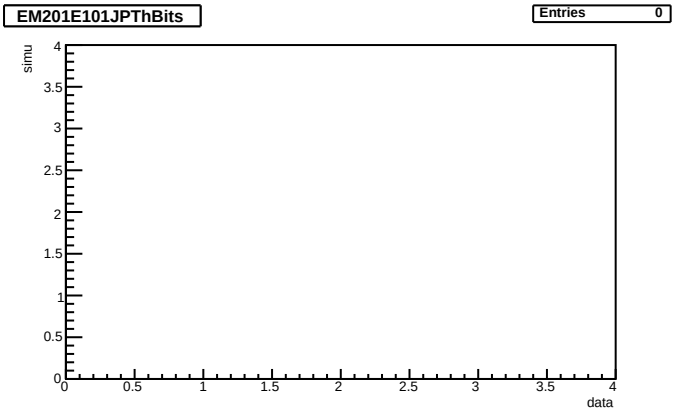

EMC L2 Input - BHT2 bits
Entries 2.136525e+07
BHT2
1
0
10839
29736
26550
29736
30488
28548
3.54198e+06
3.53114e+06
3.53402e+06
3.53114e+06
3.53038e+06
3.53253e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

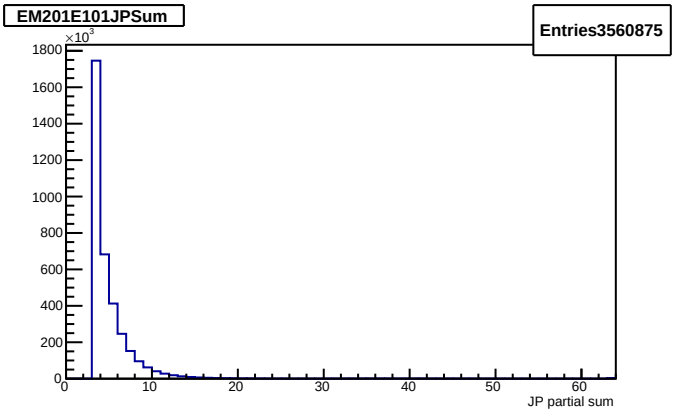

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

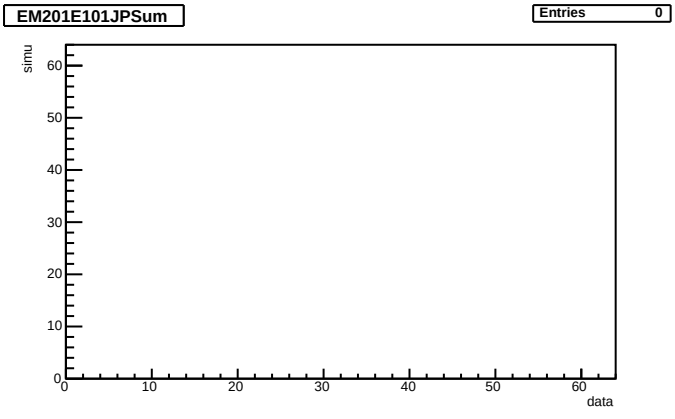

EMC L2 Input - Barrel HT.TP bits
Entries 2.136525e+07
Barrel HT.TP bits
1
0
538619
759187
768871
754782
760106
757193
3.02106e+06
2.80269e+06
2.792e+06
2.80609e+06
2.80077e+06
2.80369e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

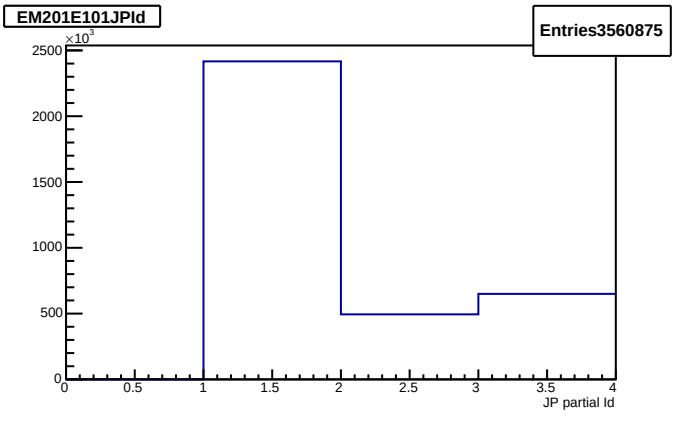

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

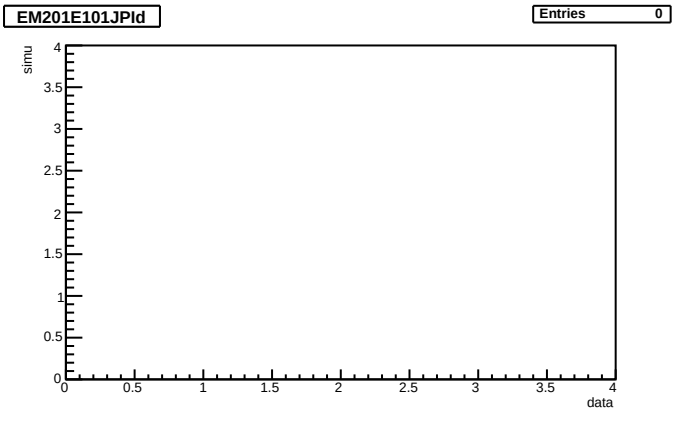

EM201E101JPThBits
Entries3560875
×10^3
JP th bits

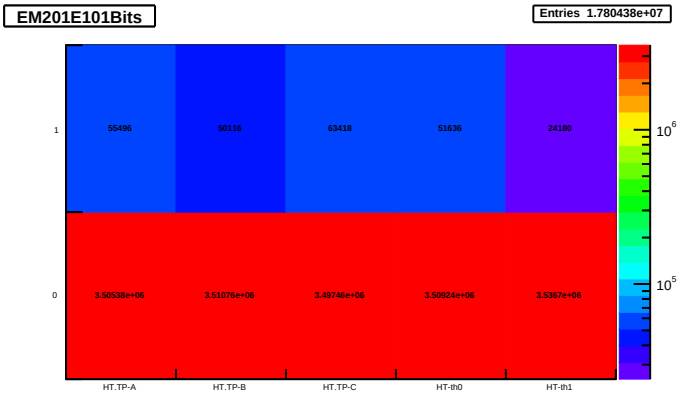

EM201E101JPThBits
Entries 0
simu
data

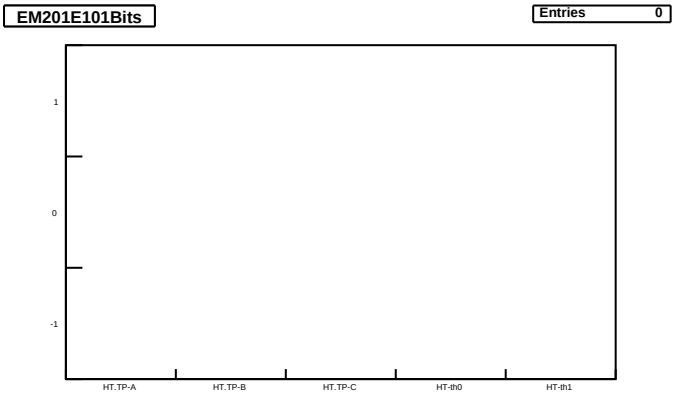

EM201E101JPSum
Entries3560875
×10^3
JP partial sum

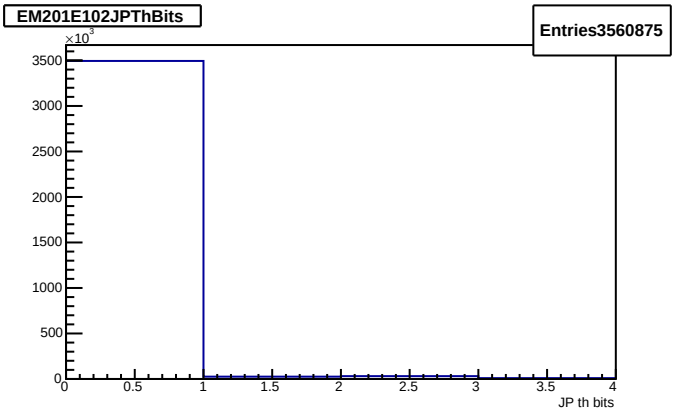

EM201E101JPSum
Entries 0
simu
data

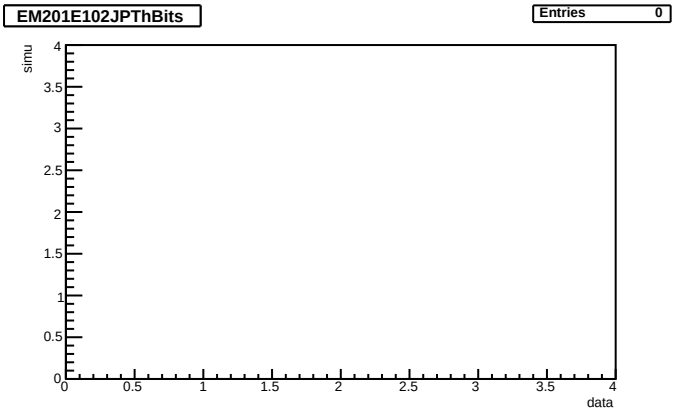

EM201E101JPId
Entries3560875
×10^3
JP partial Id

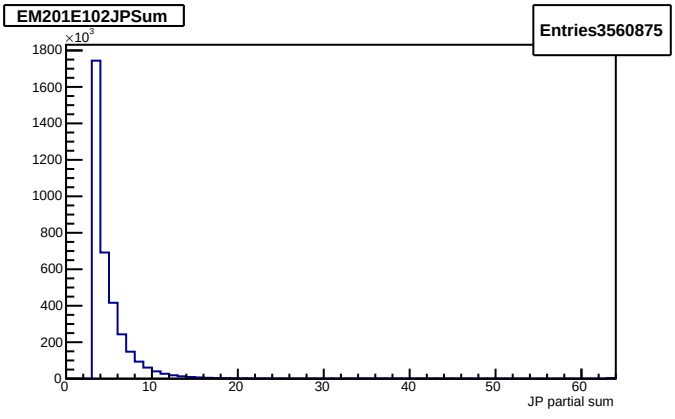

EM201E101JPId
Entries 0
simu
data

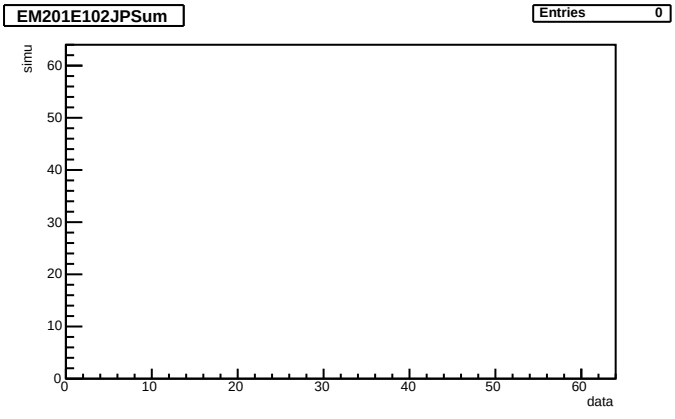

EM201E101Bits
Entries 1.780438e+07
55496
50116
63418
51636
24180
3.50538e+06
3.51076e+06
3.49746e+06
3.50924e+06
3.5367e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

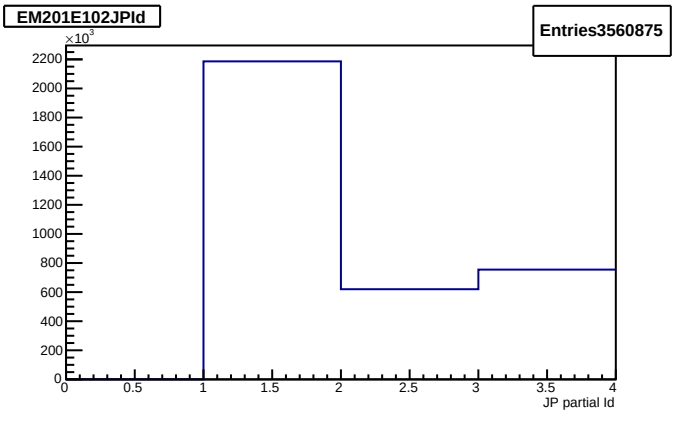

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

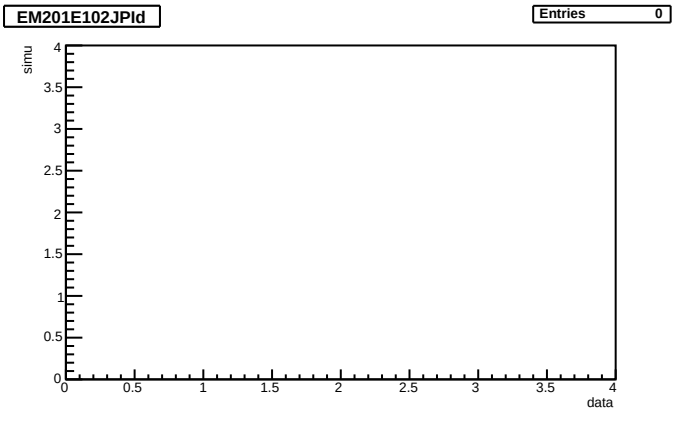

EM201E102JPThBits
Entries3560875
JP th bits

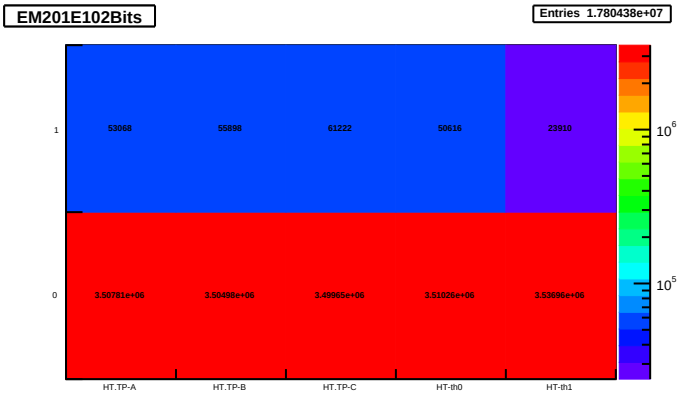

EM201E102JPThBits
Entries 0
simu
data

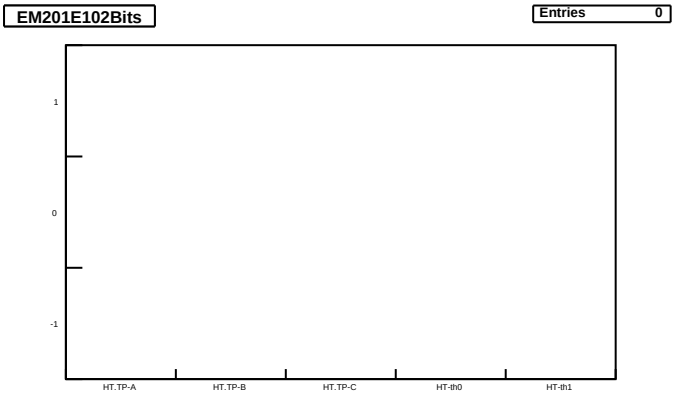

EM201E102JPSum
Entries3560875
JP partial sum

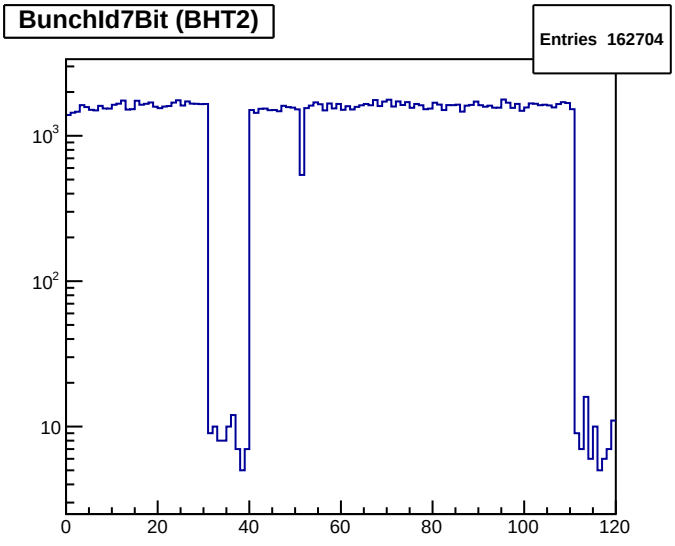

EM201E102JPSum
Entries 0
simu
data

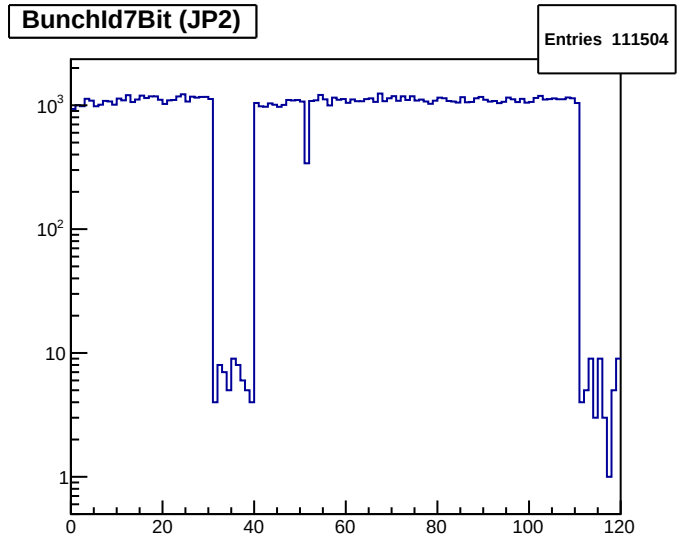

EM201E102JPId
Entries3560875
JP partial Id

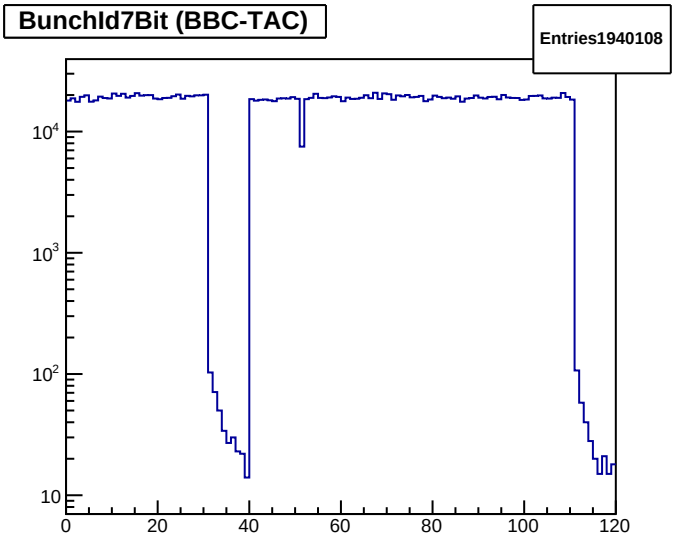

EM201E102JPId
Entries 0
simu
data

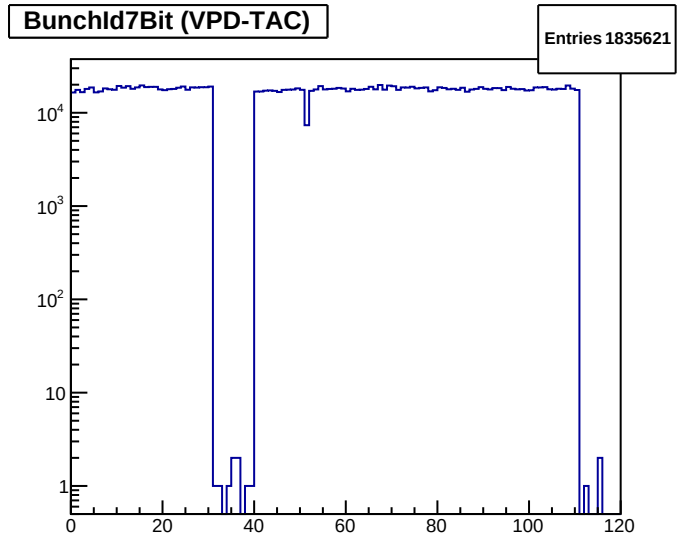

EM201E102Bits
Entries 1.780438e+07
53068
55898
61222
50616
23910
3.50781e+06
3.50498e+06
3.49965e+06
3.51026e+06
3.53696e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

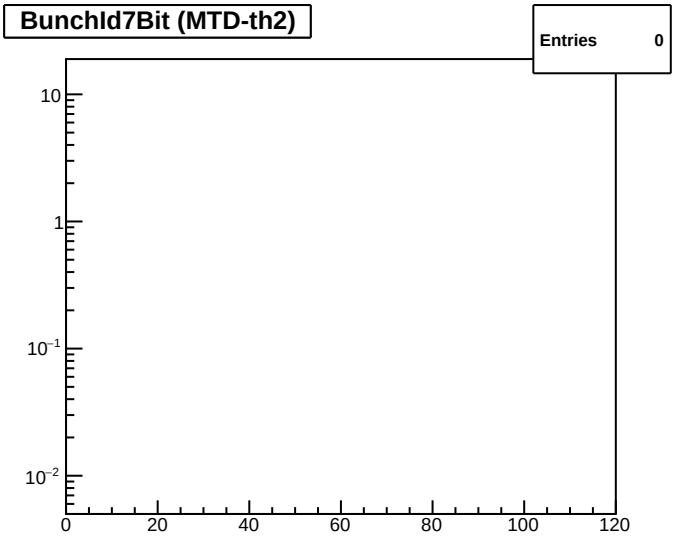

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

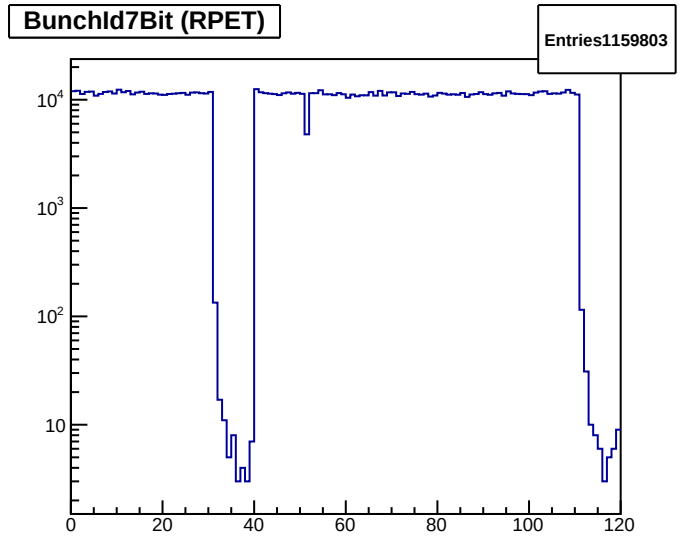

BunchId7Bit (BHT2)
Entries 162704

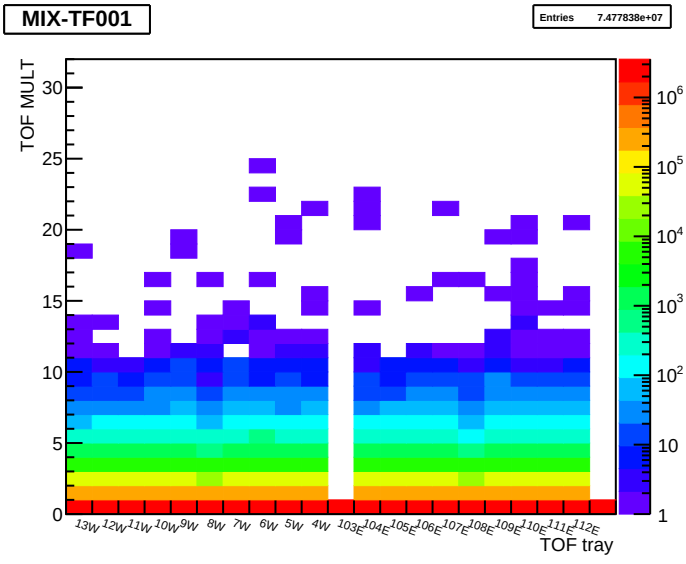

BunchId7Bit (JP2)
Entries 111504

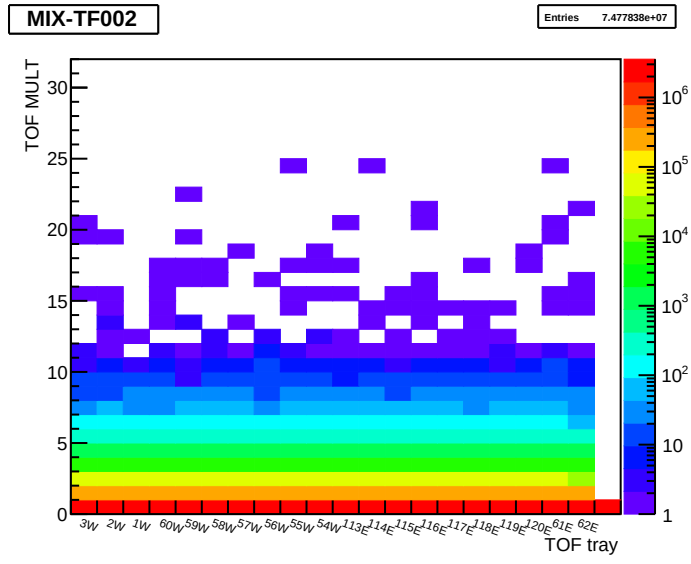

BunchId7Bit (BBC-TAC)
Entries1940108

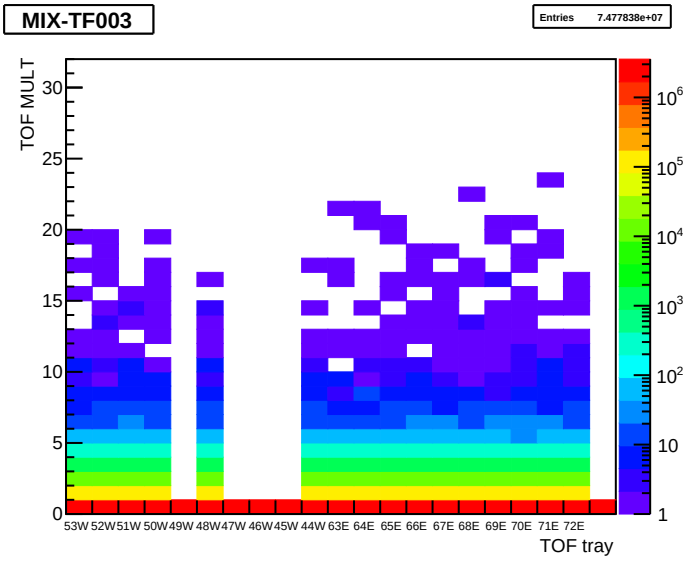

BunchId7Bit (VPD-TAC)
Entries 1835621

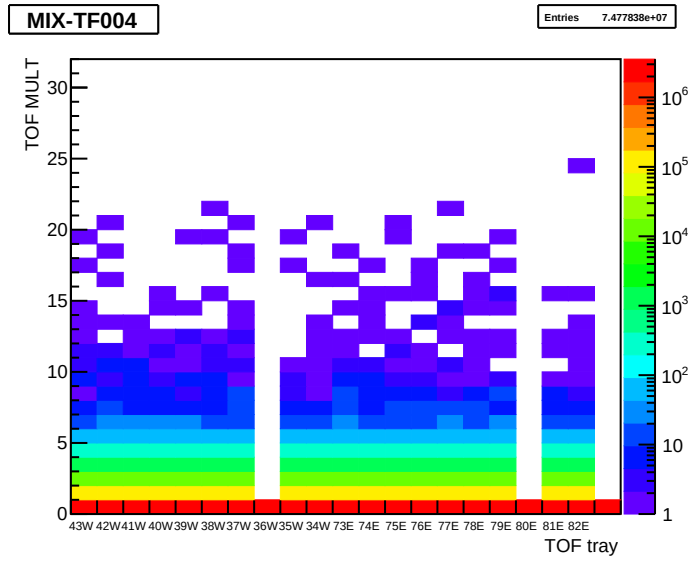

BunchId7Bit (MTD-th2)
Entries 0

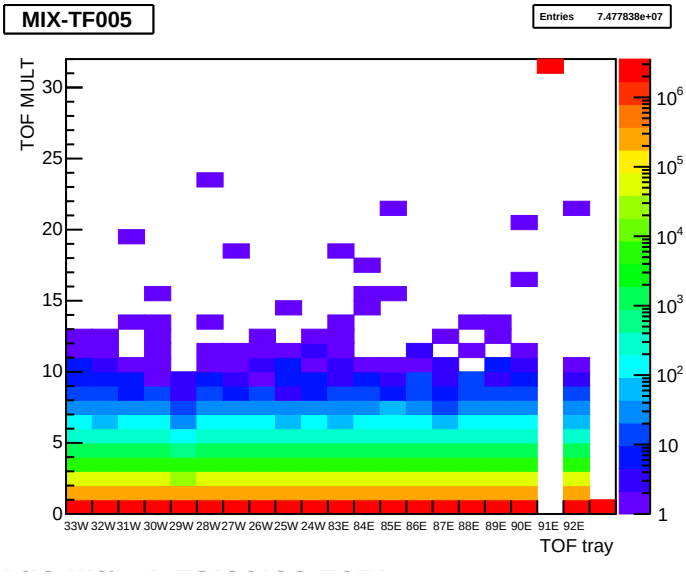

BunchId7Bit (RPET)
Entries1159803

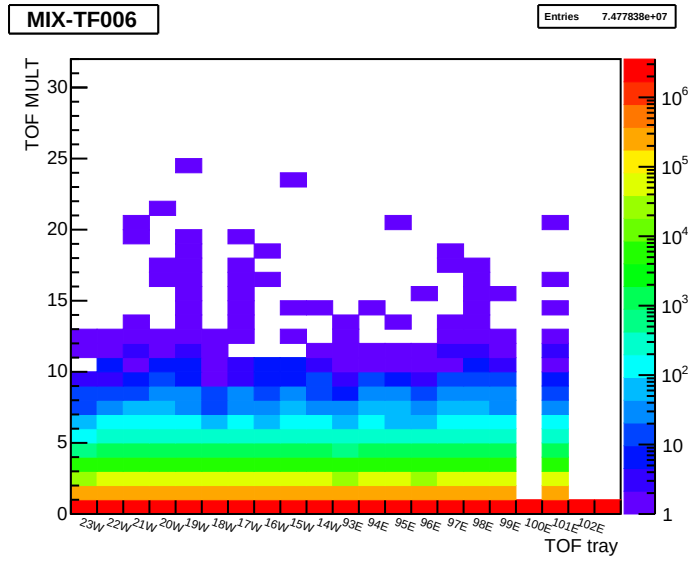

MIX-TF001
Entries 7.477838e+07
TOF MULT
TOF tray

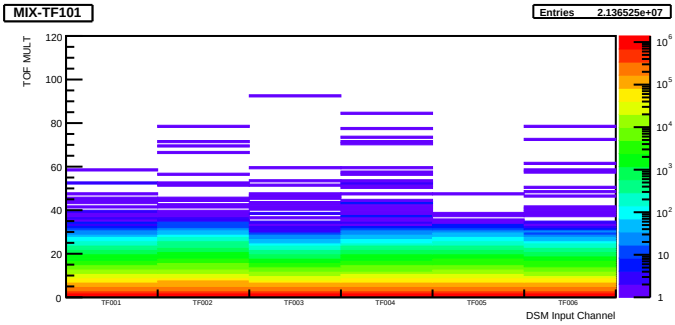

MIX-TF002
Entries 7.477838e+07
TOF MULT
TOF tray

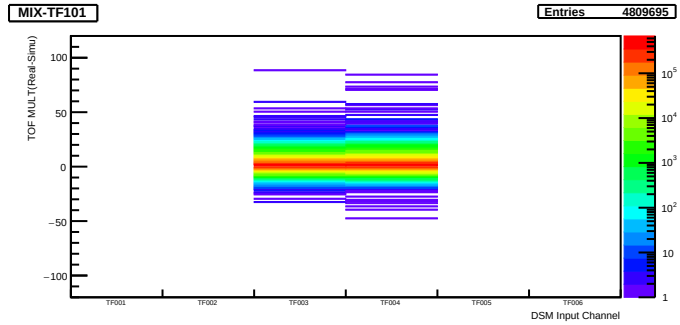

MIX-TF003
Entries 7.477838e+07
TOF MULT
TOF tray

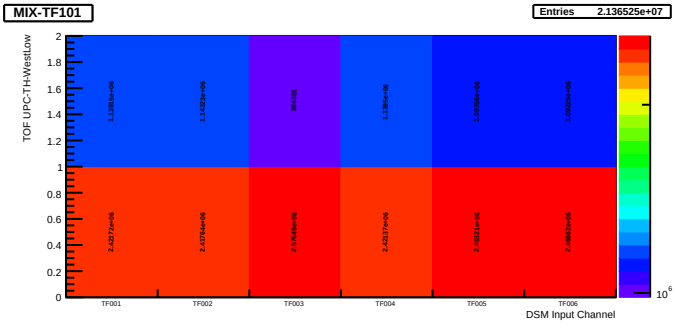

MIX-TF004
Entries 7.477838e+07
TOF MULT
TOF tray

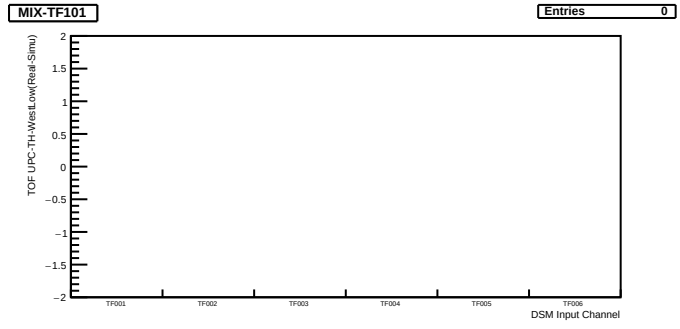

MIX-TF005
Entries 7.477838e+07
TOF MULT
TOF tray

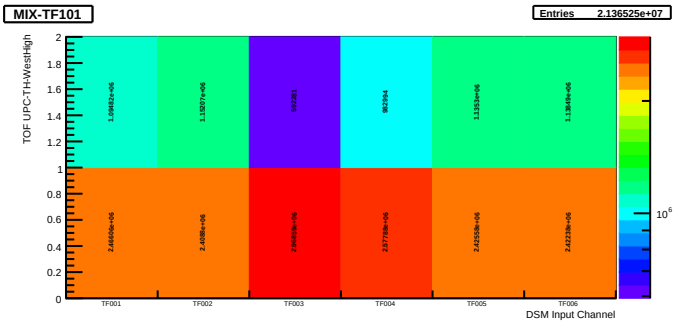

MIX-TF006
Entries 7.477838e+07
TOF MULT
TOF tray

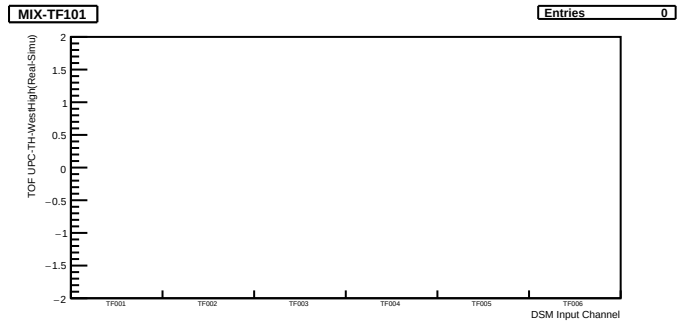

MIX-TF101
Entries 2.136525e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

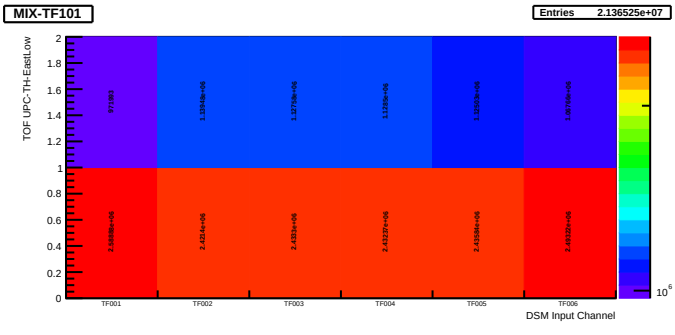

MIX-TF101
Entries 4809695
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

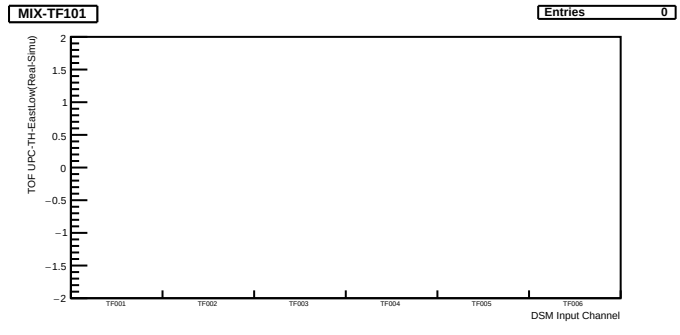

MIX-TF101
Entries 2.136525e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

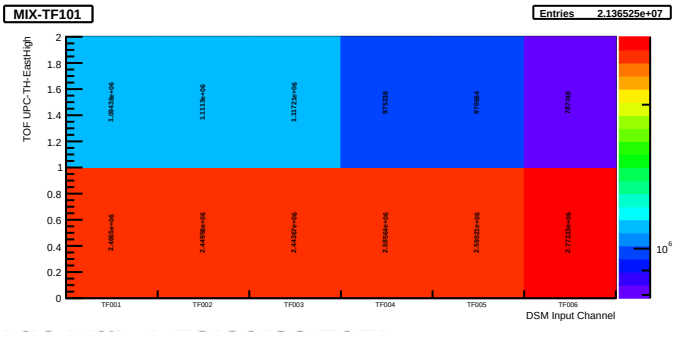

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

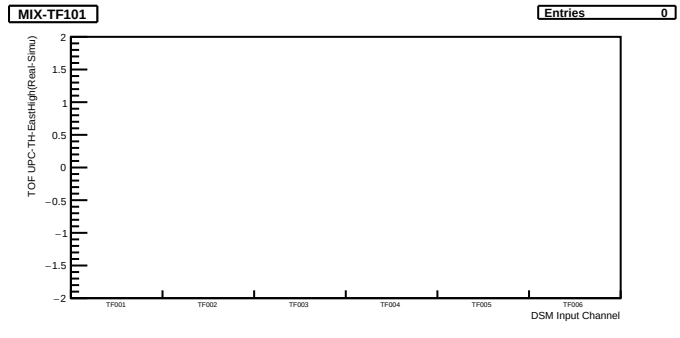

MIX-TF101
Entries 2.136525e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

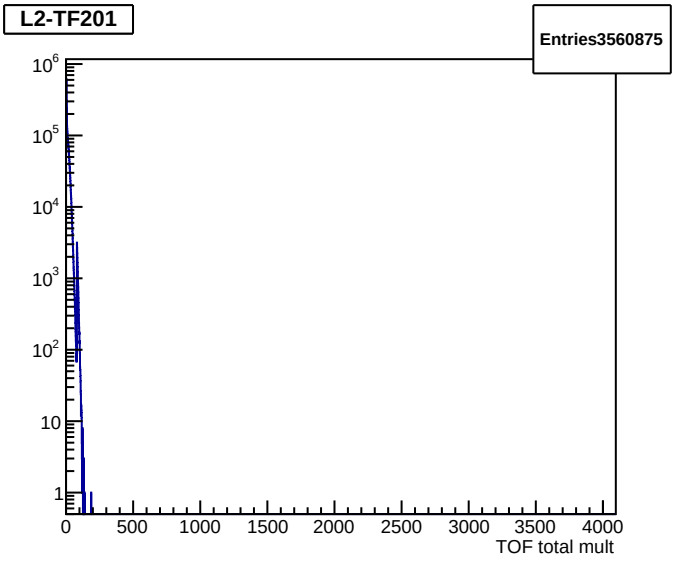

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

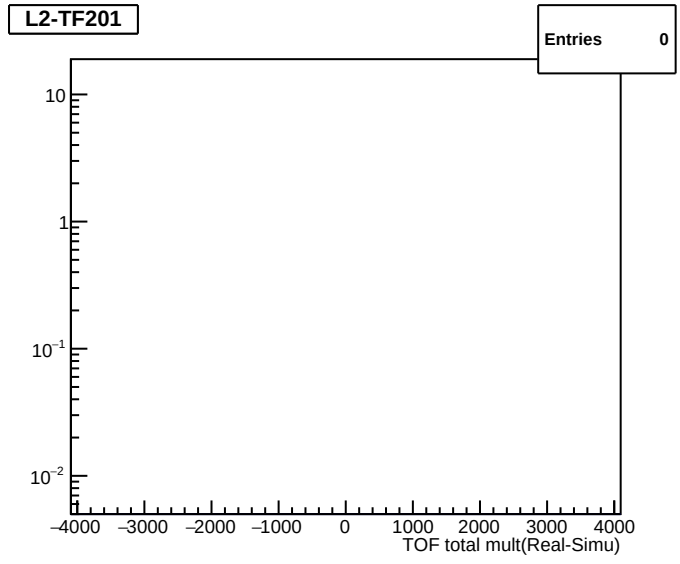

MIX-TF101
Entries 2.136525e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

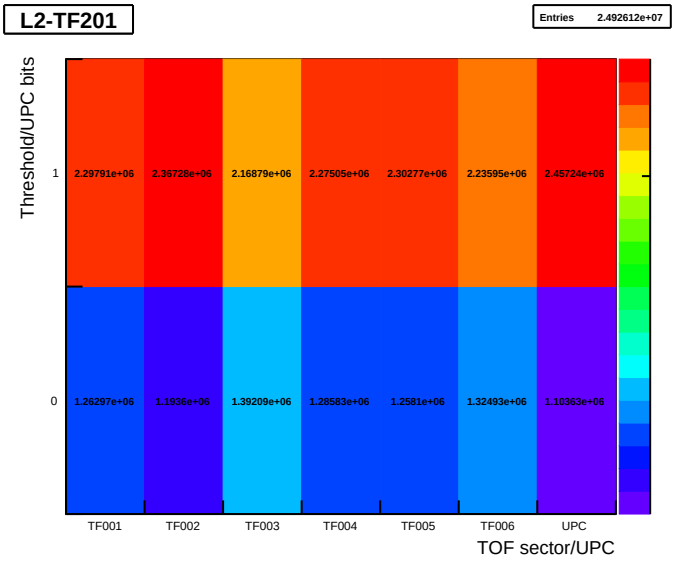

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

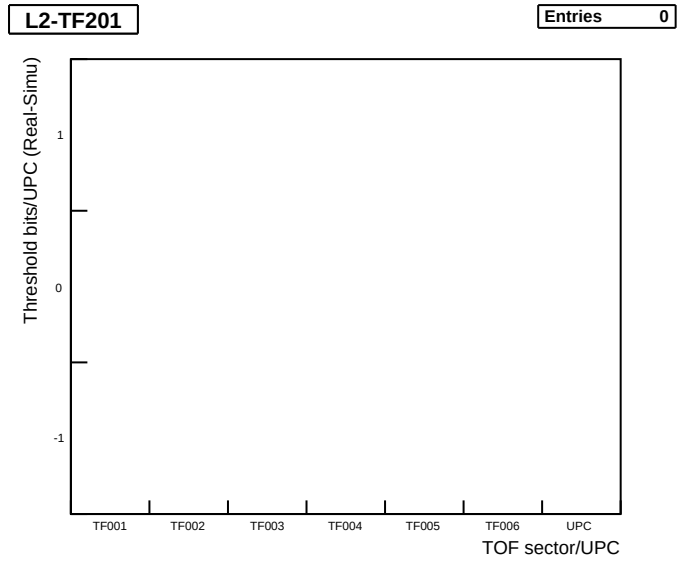

MIX-TF101
Entries 2.136525e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

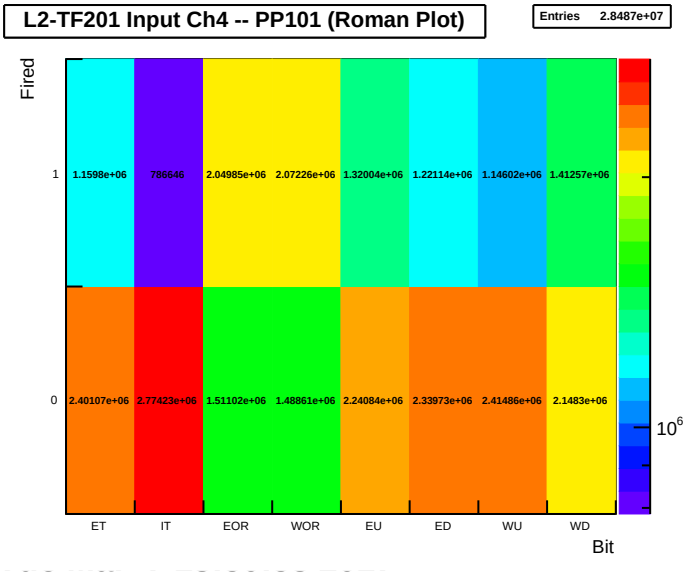

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

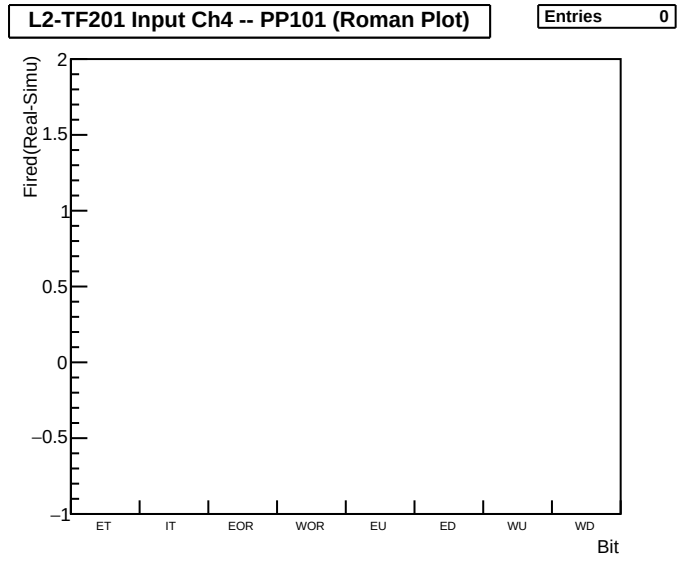

L2-TF201
Entries3560875
TOF total mult

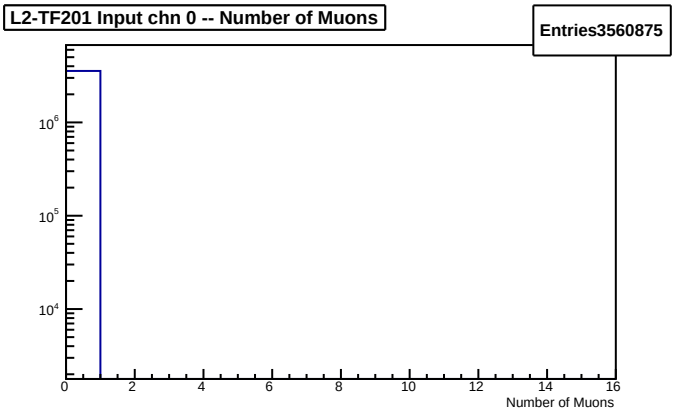

L2-TF201
Entries 0
TOF total mult(Real-Simu)

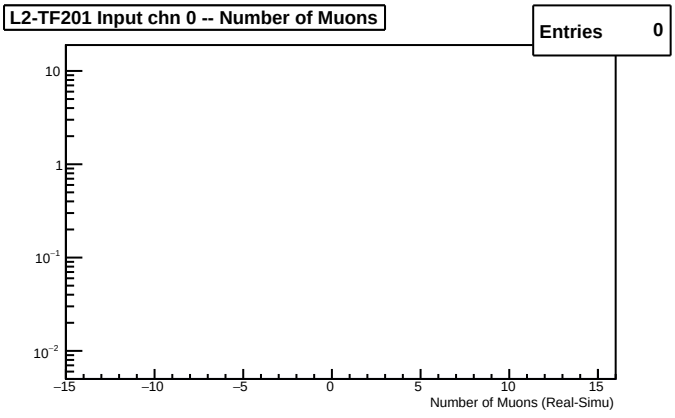

L2-TF201
Entries 2.492612e+07
Threshold/UPC bits
2.29791e+06
2.36728e+06
2.16879e+06
2.27505e+06
2.30277e+06
2.23595e+06
2.45724e+06
1.26297e+06
1.1936e+06
1.39209e+06
1.28583e+06
1.2581e+06
1.32493e+06
1.10363e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

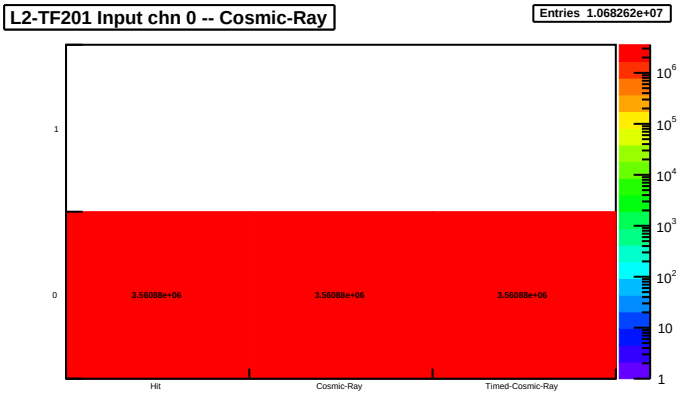

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

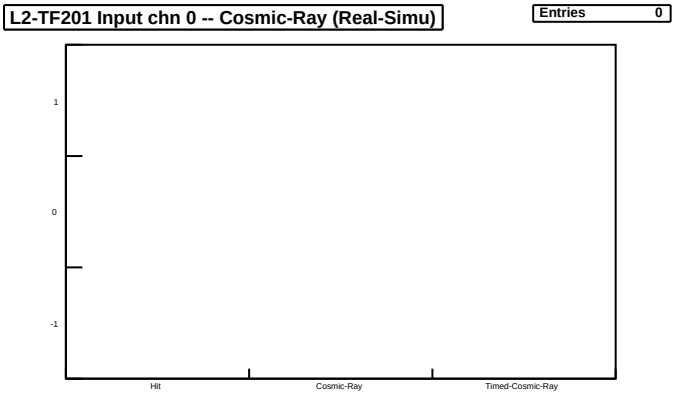

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.8487e+07
Fired
1.1598e+06
786646
2.04985e+06
2.07226e+06
1.32004e+06
1.22114e+06
1.14602e+06
1.41257e+06
2.40107e+06
2.77423e+06
1.51102e+06
1.48861e+06
2.24084e+06
2.33973e+06
2.41486e+06
2.1483e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

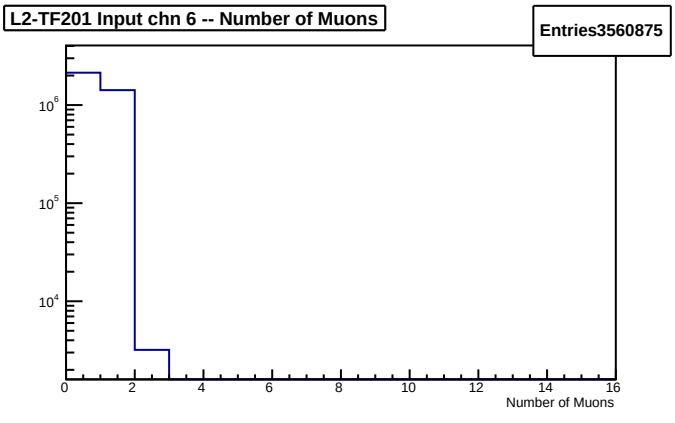

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

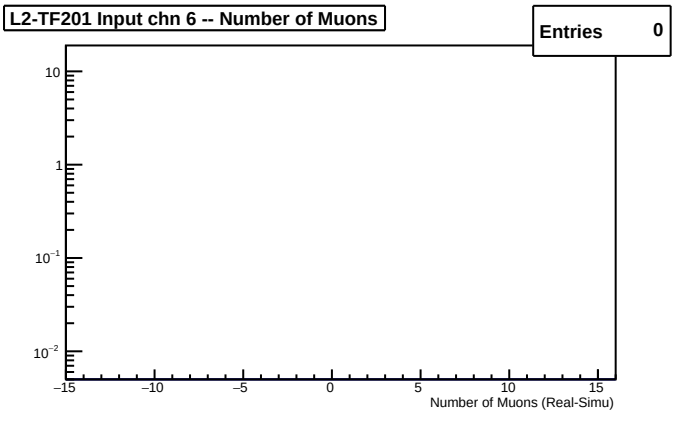

L2-TF201 Input chn 0 -- Number of Muons
Entries3560875
Number of Muons

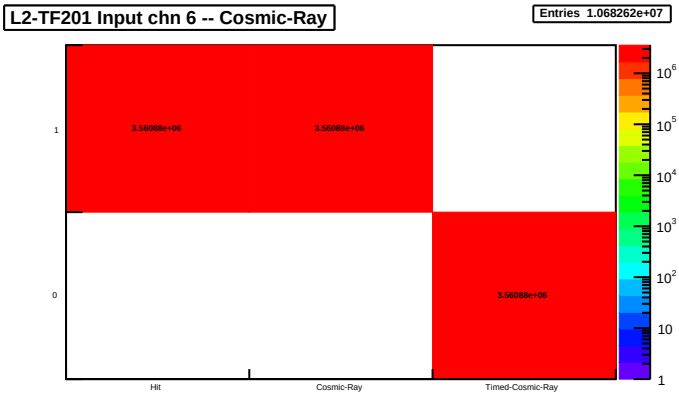

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

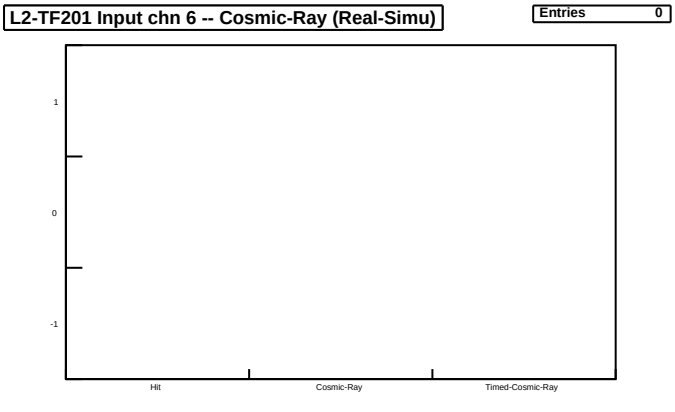

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.068262e+07
3.56088e+06
3.56088e+06
3.56088e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

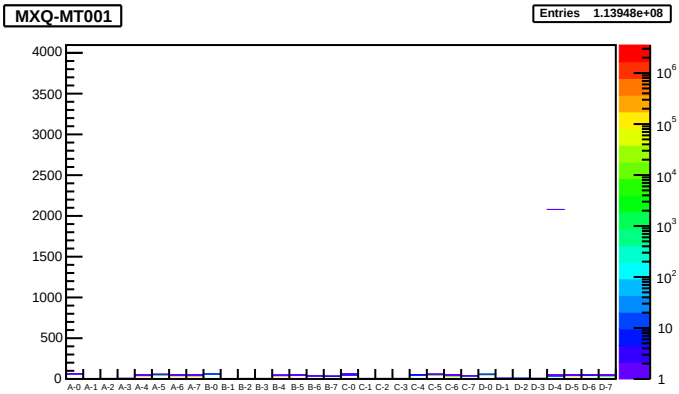

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

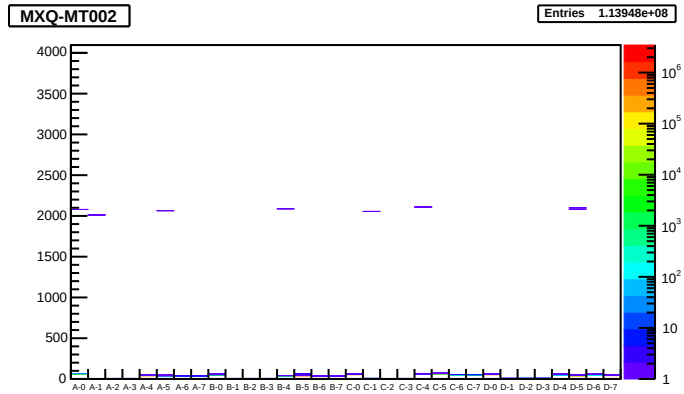

L2-TF201 Input chn 6 -- Number of Muons
Entries3560875
Number of Muons

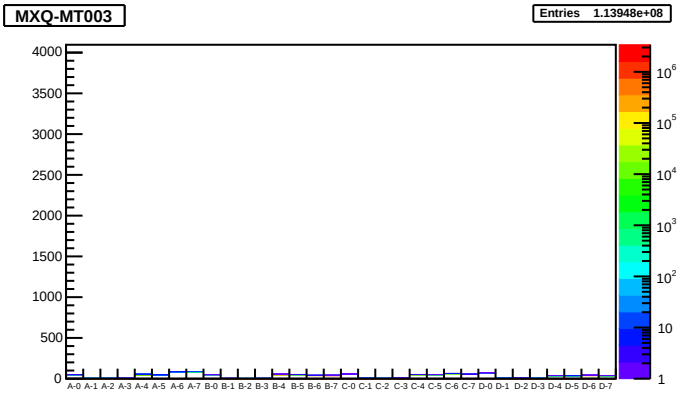

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

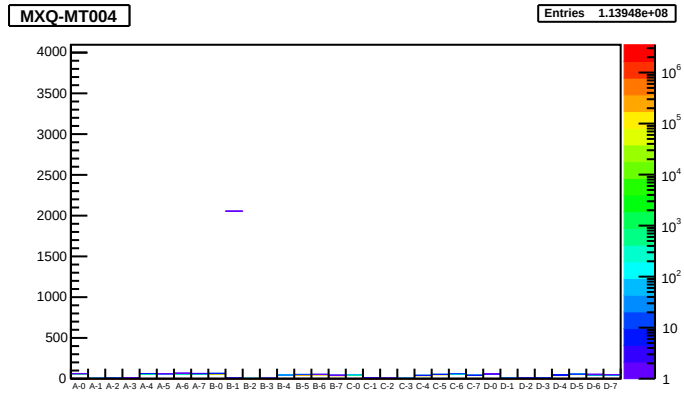

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.068262e+07
3.56088e+06
3.56088e+06
3.56088e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

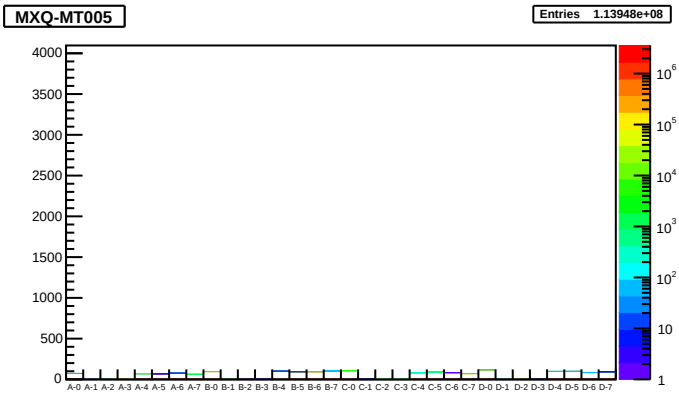

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

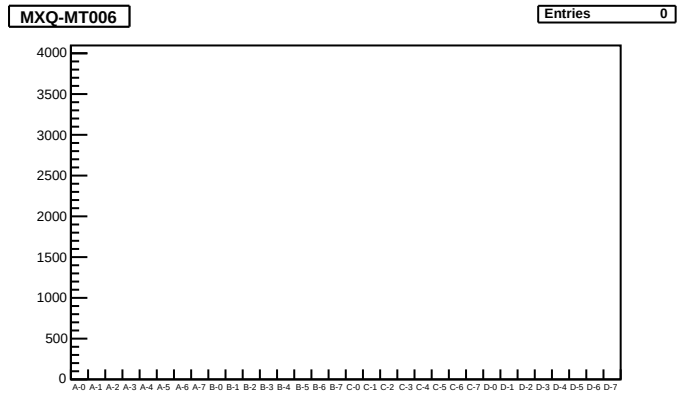

MXQ-MT001
Entries 1.13948e+08

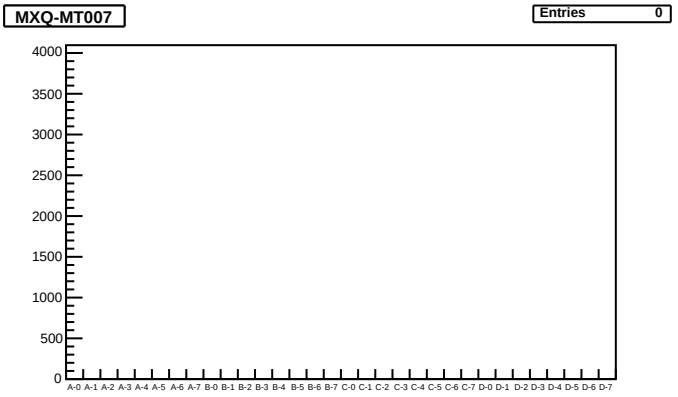

MXQ-MT002
Entries 1.13948e+08

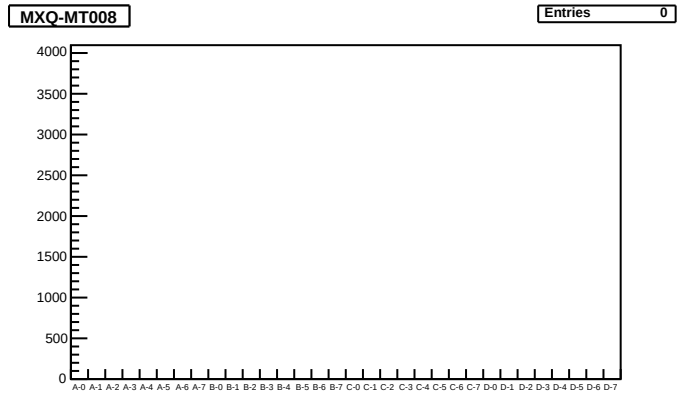

MXQ-MT003
Entries 1.13948e+08

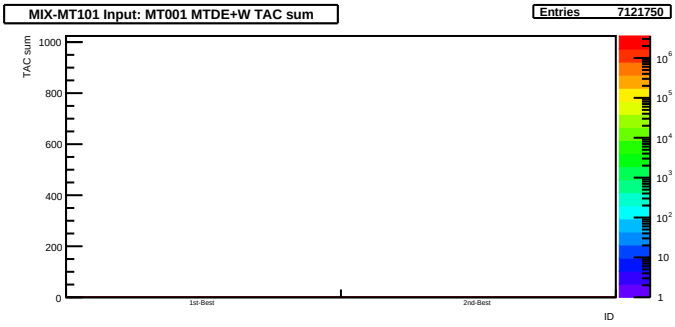

MXQ-MT004
Entries 1.13948e+08

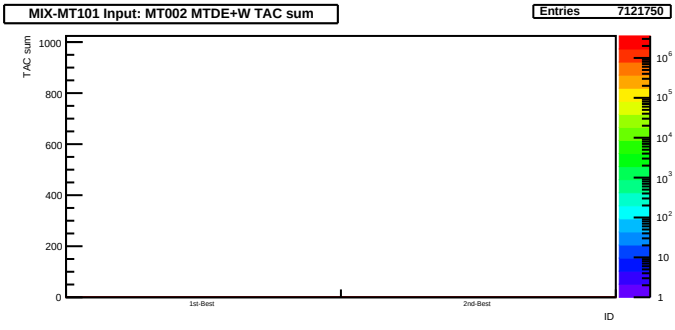

MXQ-MT005
Entries 1.13948e+08

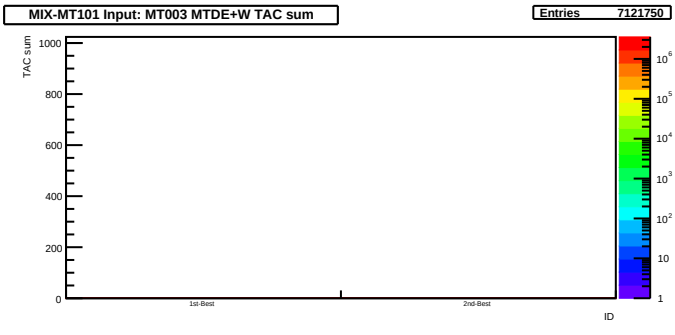

MXQ-MT006
Entries 0

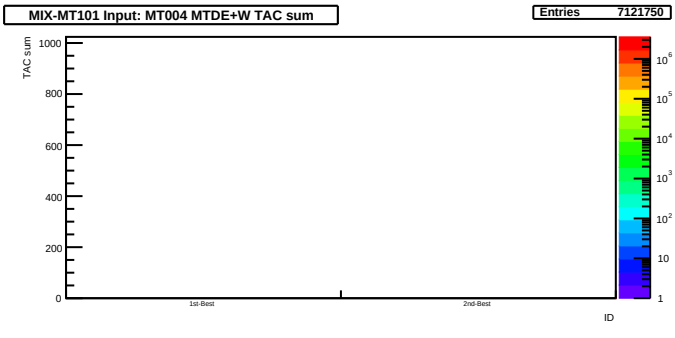

MXQ-MT007
Entries 0

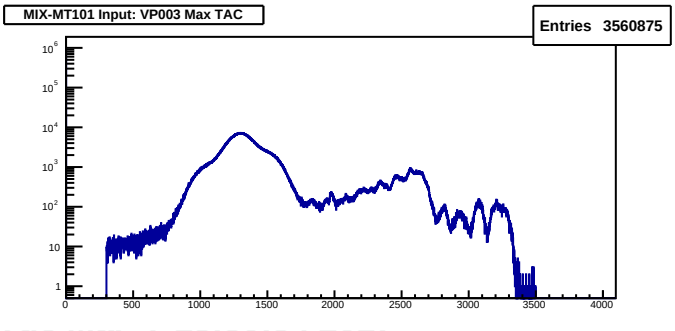

MXQ-MT008
Entries 0

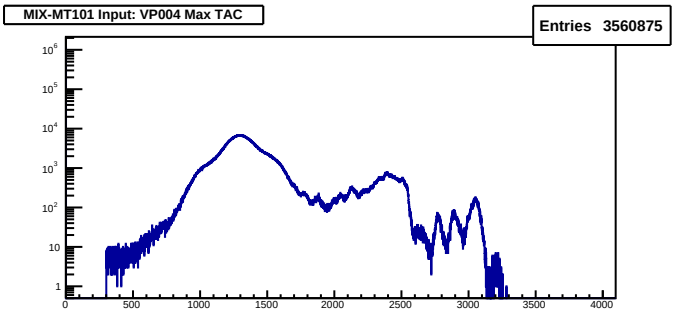

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 7121750
TAC sum
1st-Best
2nd-Best
ID

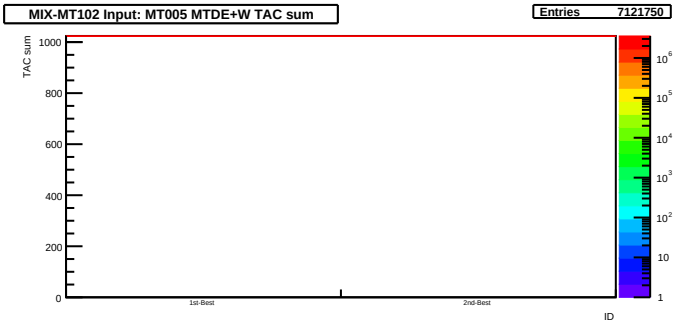

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 7121750
TAC sum
1st-Best
2nd-Best
ID

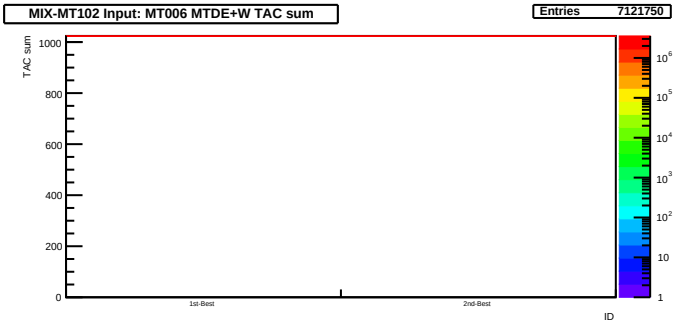

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 7121750
TAC sum
1st-Best
2nd-Best
ID

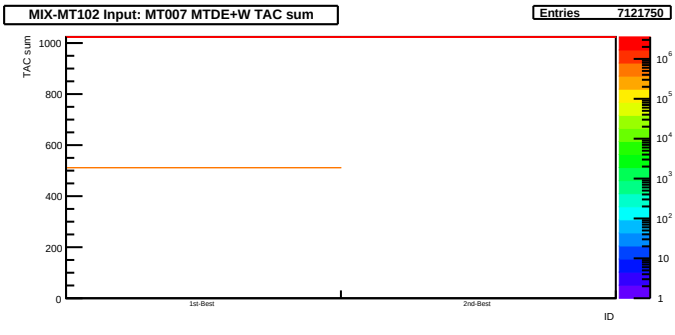

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 7121750
TAC sum
1st-Best
2nd-Best
ID

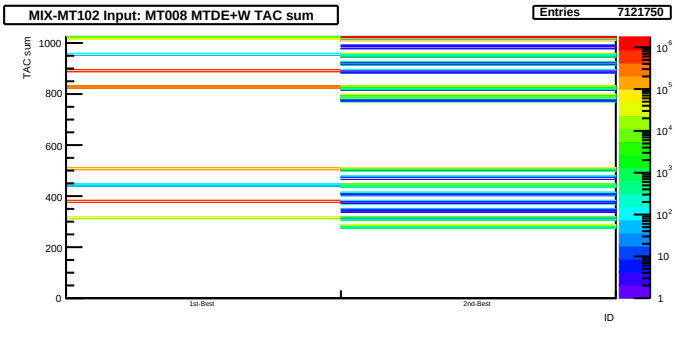

MIX-MT101 Input: VP003 Max TAC
Entries 3560875

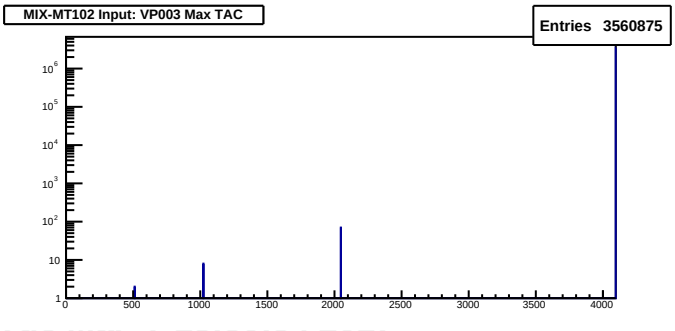

MIX-MT101 Input: VP004 Max TAC
Entries 3560875

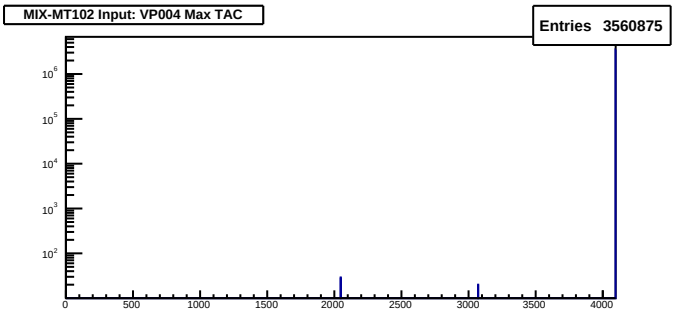

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 7121750
TAC sum
1st-Best
2nd-Best
ID

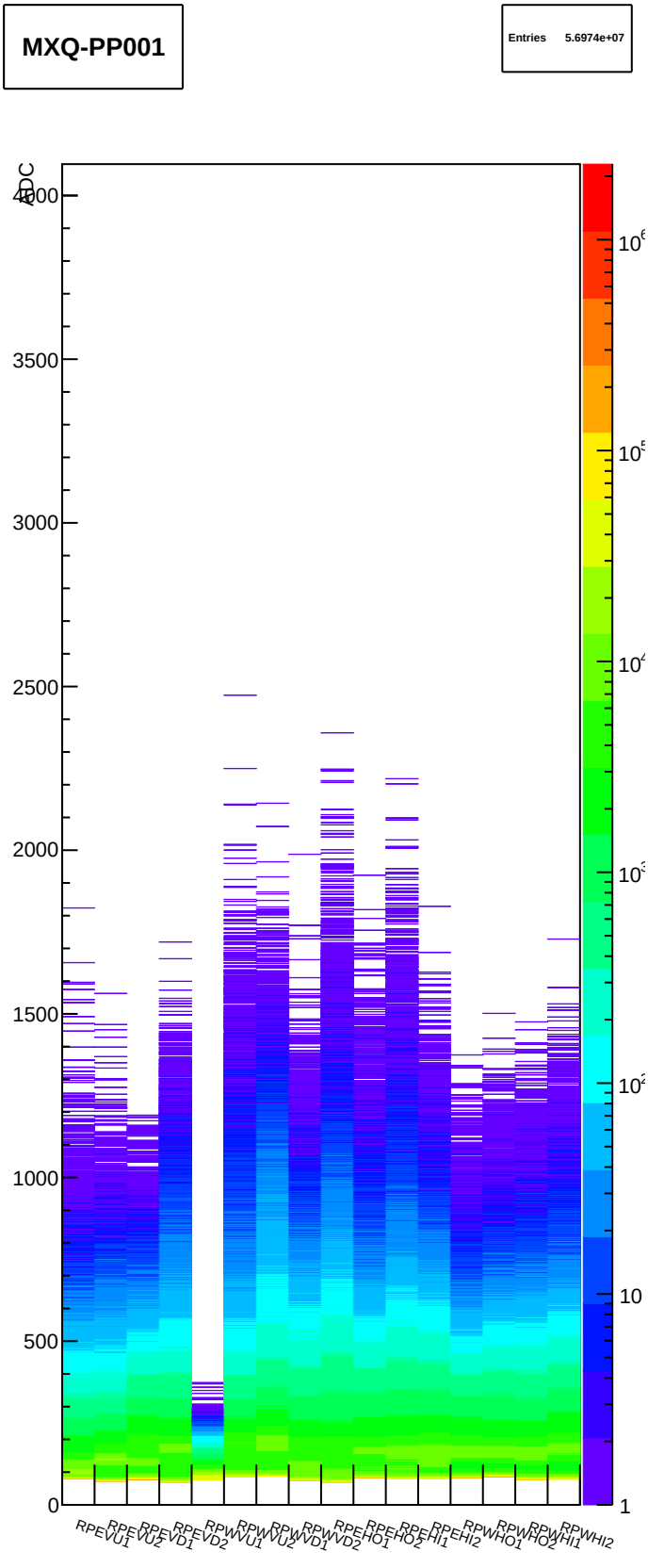

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 7121750
TAC sum
1st-Best
2nd-Best
ID

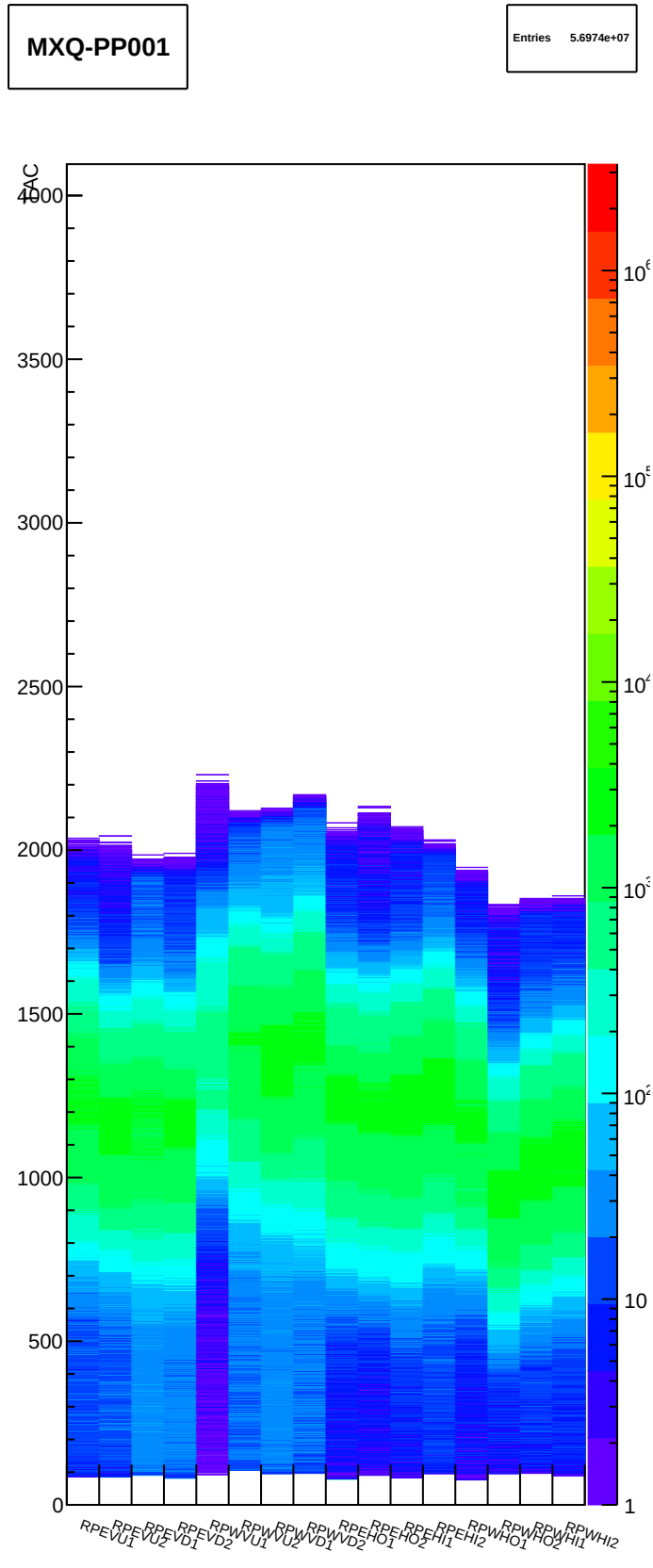

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 7121750
TAC sum
1st-Best
2nd-Best
ID

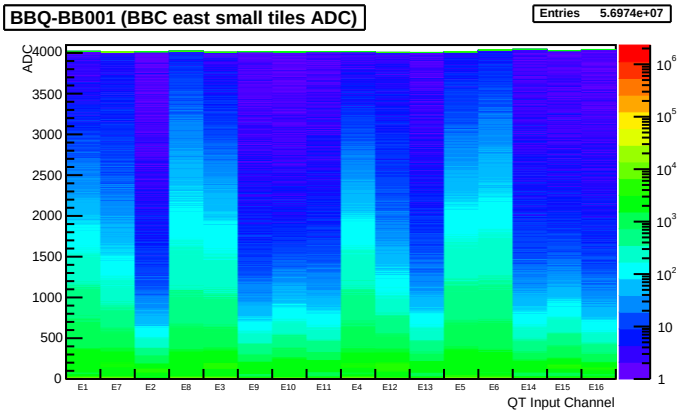

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 7121750
TAC sum
1st-Best
2nd-Best
ID

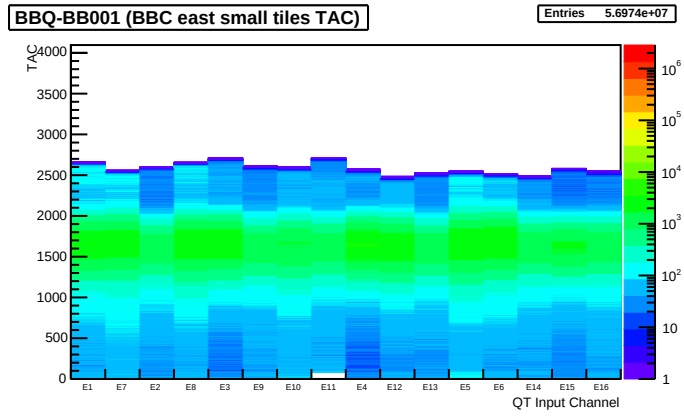

MIX-MT102 Input: VP003 Max TAC
Entries 3560875

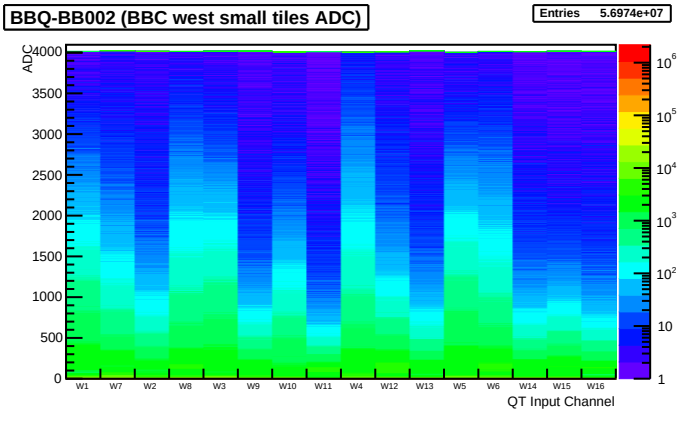

MIX-MT102 Input: VP004 Max TAC
Entries 3560875

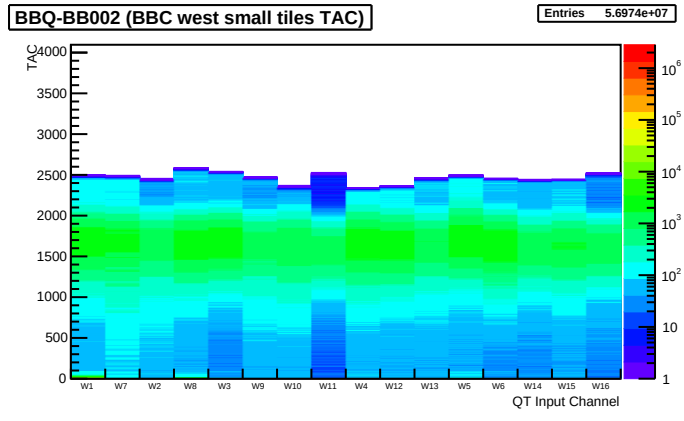

MXQ-PP001
Entries 5.6974e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

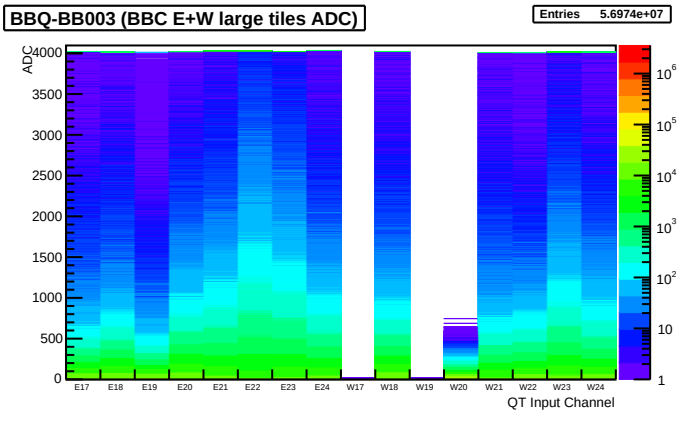

MXQ-PP001
Entries 5.6974e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

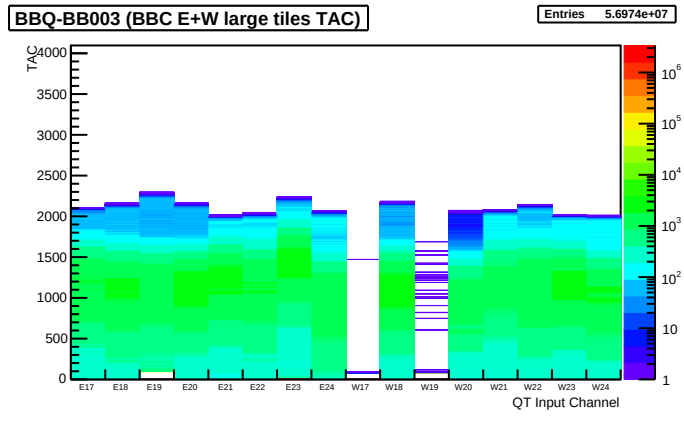

BBQ-BB001 (BBC east small tiles ADC)
Entries 5.6974e+07
ADC
QT Input Channel

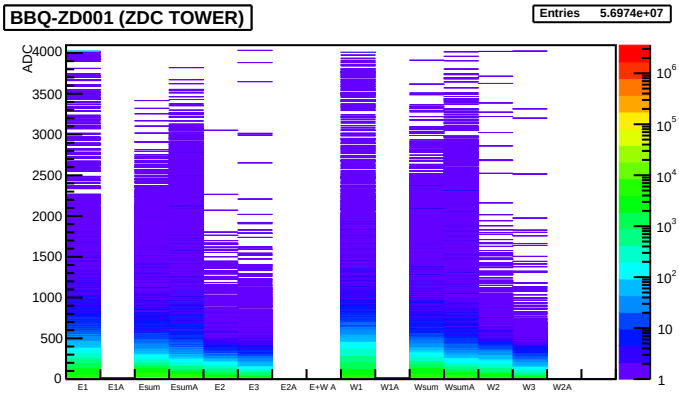

BBQ-BB001 (BBC east small tiles TAC)
Entries 5.6974e+07
TAC
QT Input Channel

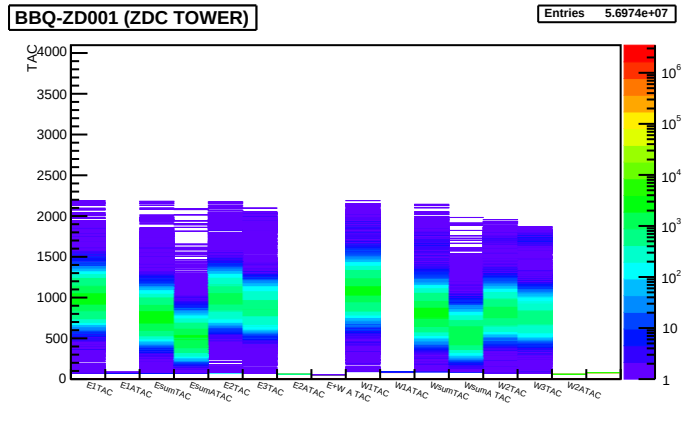

BBQ-BB002 (BBC west small tiles ADC)
Entries 5.6974e+07
ADC
QT Input Channel

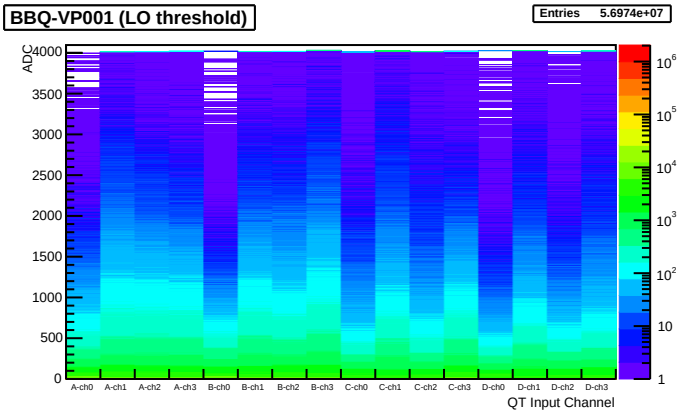

BBQ-BB002 (BBC west small tiles TAC)
Entries 5.6974e+07
TAC
QT Input Channel

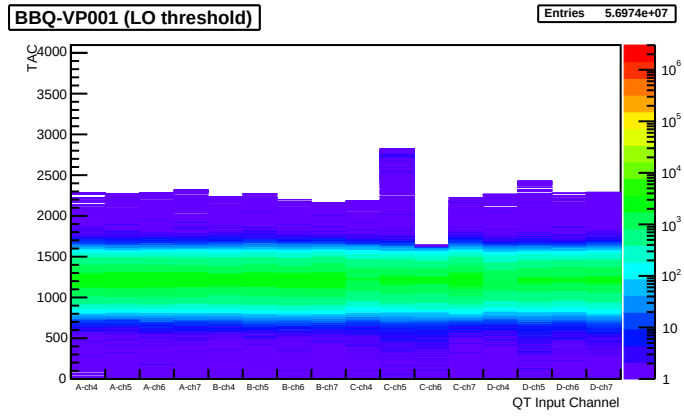

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.6974e+07
ADC
QT Input Channel

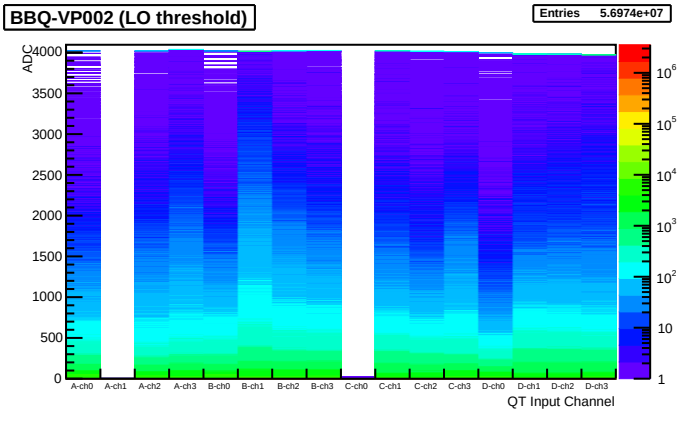

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.6974e+07
TAC
QT Input Channel

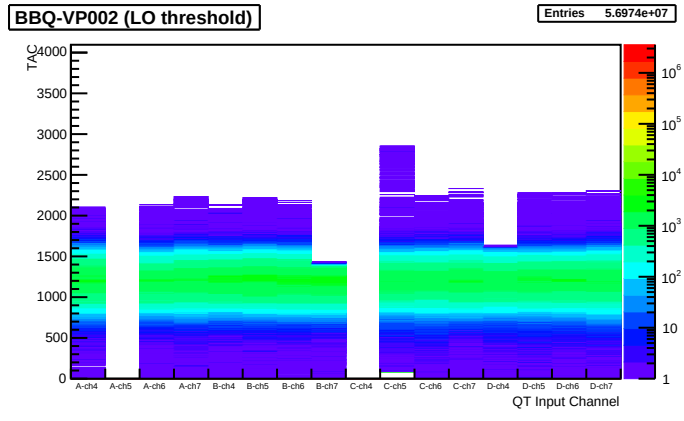

BBQ-ZD001 (ZDC TOWER)
Entries 5.6974e+07
ADC

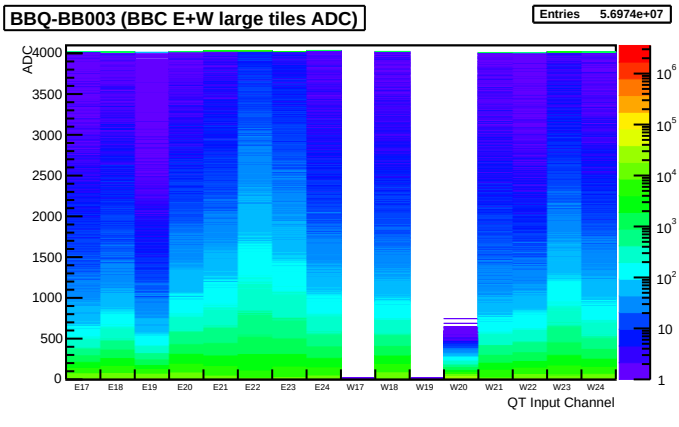

BBQ-ZD001 (ZDC TOWER)
Entries 5.6974e+07
TAC

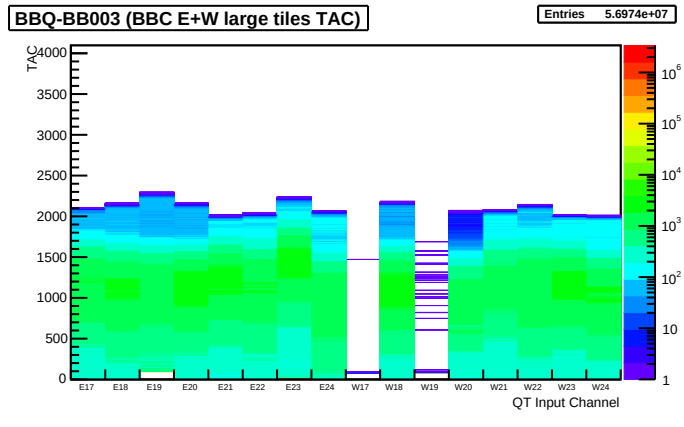

BBQ-VP001 (LO threshold)
Entries 5.6974e+07
ADC
QT Input Channel

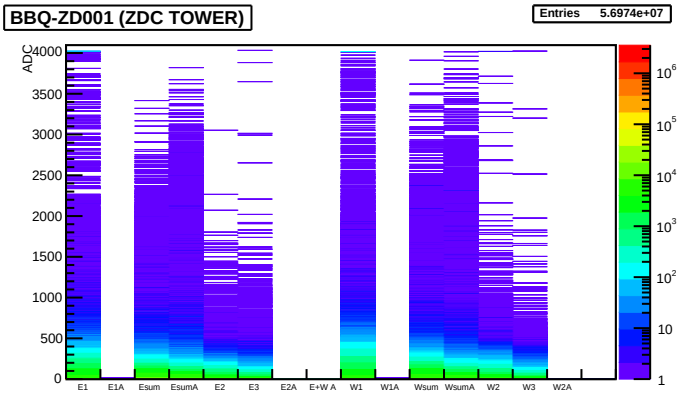

BBQ-VP001 (LO threshold)
Entries 5.6974e+07
TAC
QT Input Channel

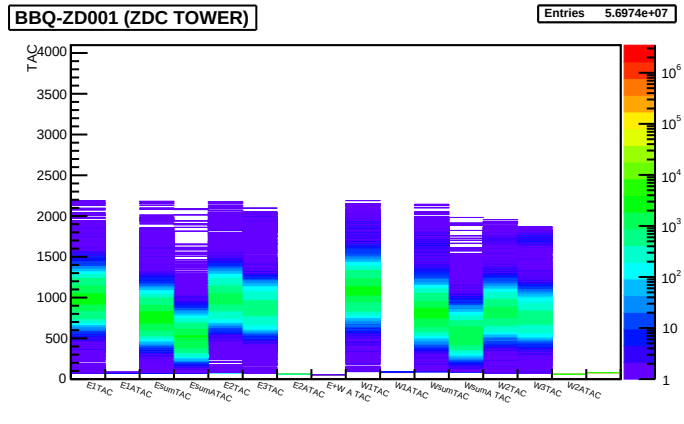

BBQ-VP002 (LO threshold)
Entries 5.6974e+07
ADC
QT Input Channel

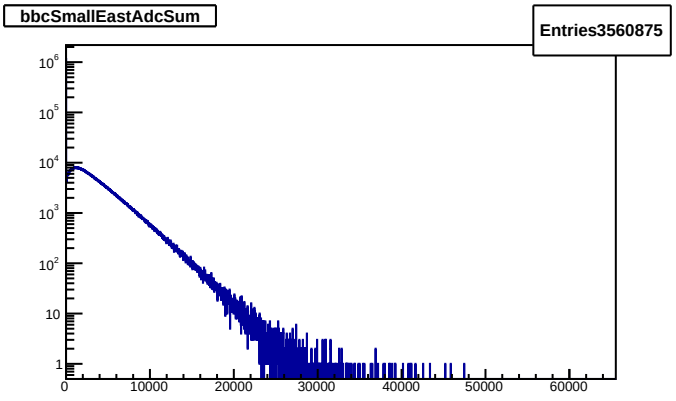

BBQ-VP002 (LO threshold)
Entries 5.6974e+07
TAC
QT Input Channel

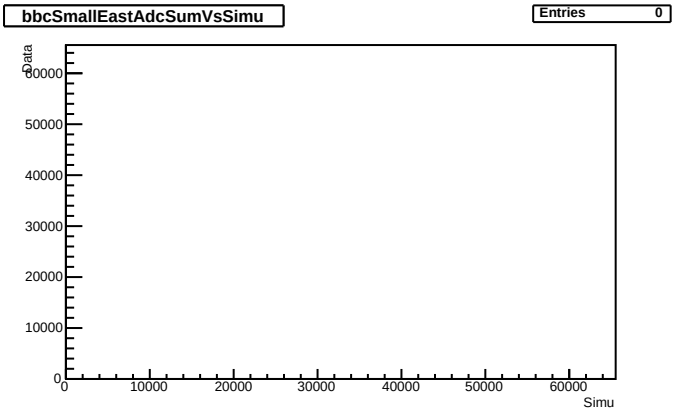

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.6974e+07
ADC
QT Input Channel

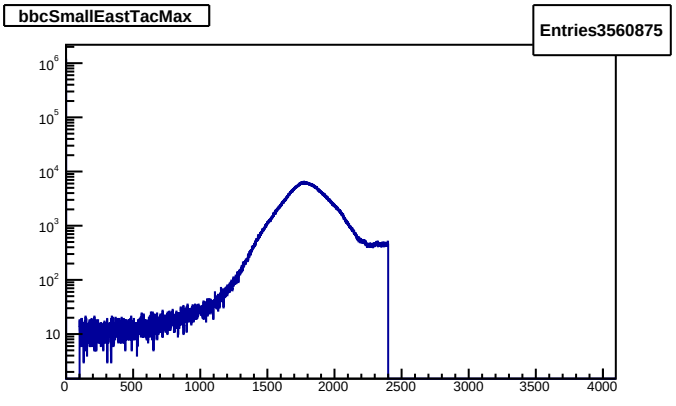

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.6974e+07
TAC
QT Input Channel

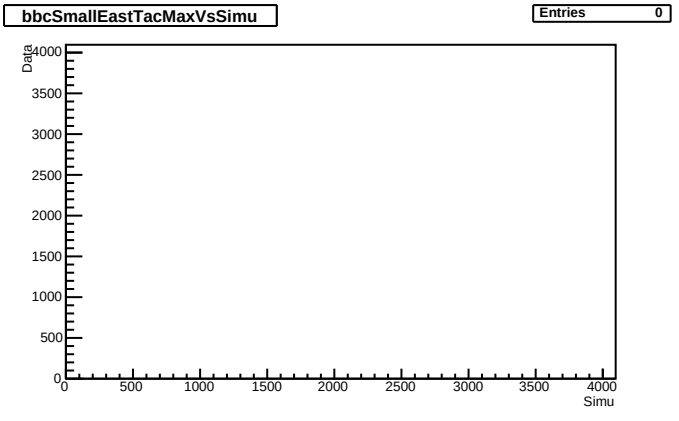

BBQ-ZD001 (ZDC TOWER)
Entries 5.6974e+07
ADC

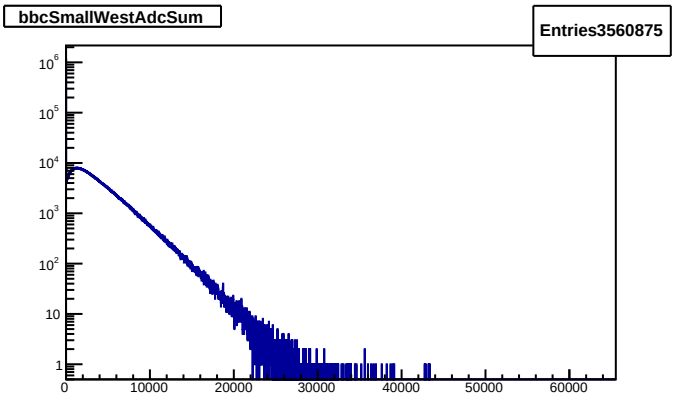

BBQ-ZD001 (ZDC TOWER)
Entries 5.6974e+07
TAC

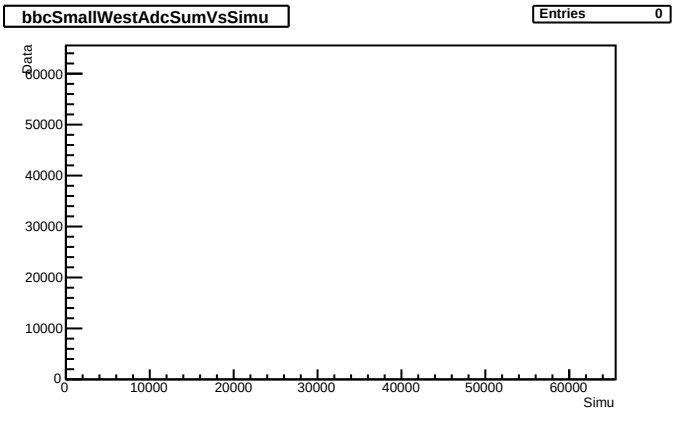

bbcSmallEastAdcSum
Entries3560875

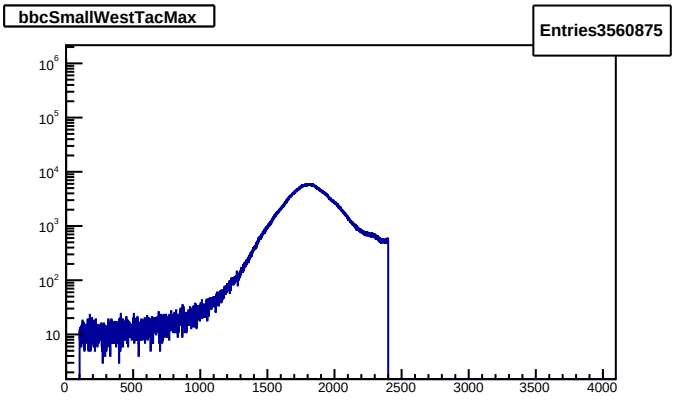

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

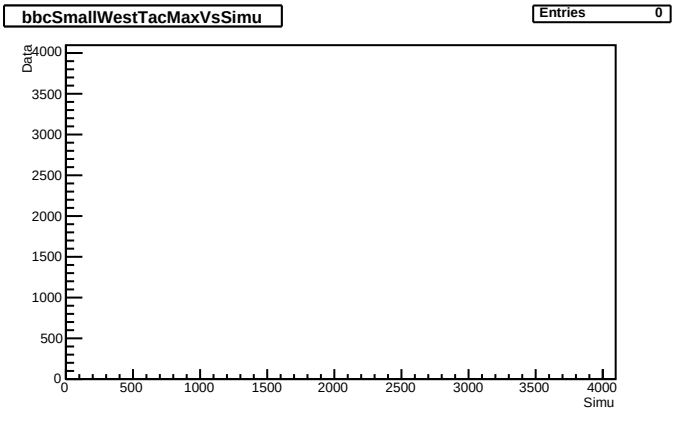

bbcSmallEastTacMax
Entries3560875

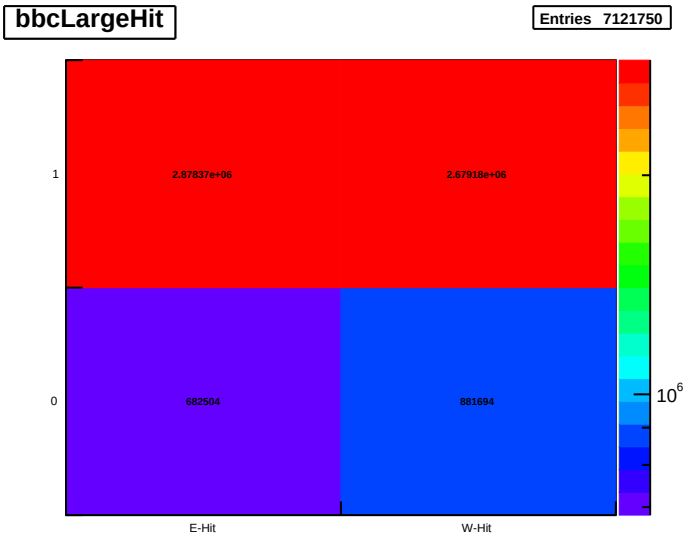

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

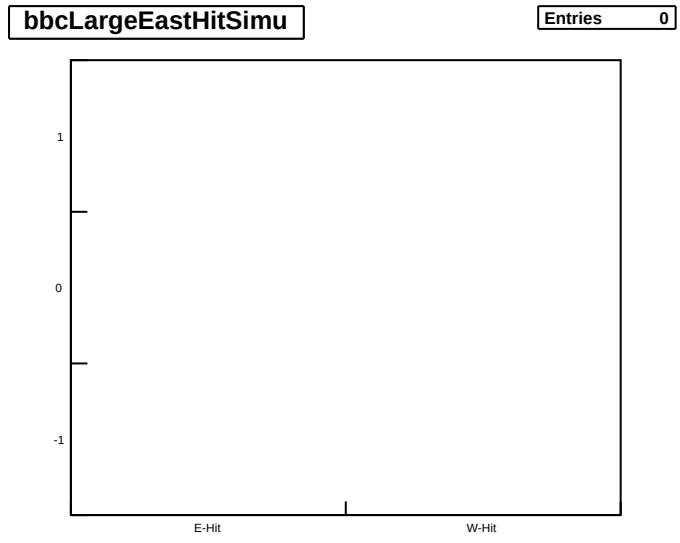

bbcSmallWestAdcSum
Entries3560875

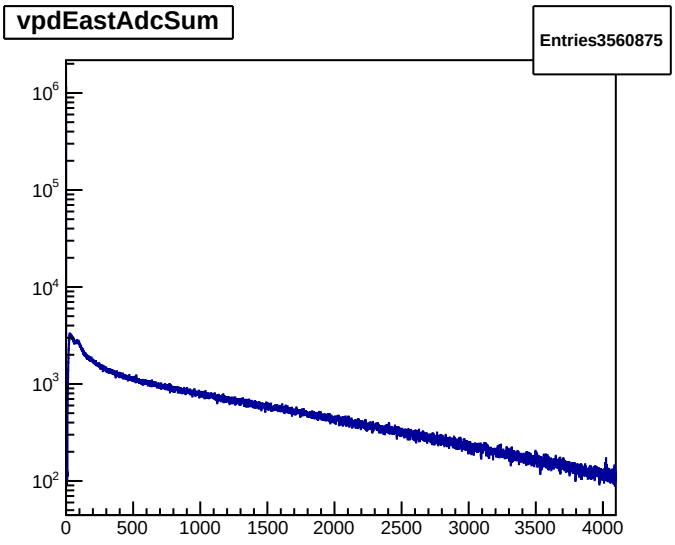

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

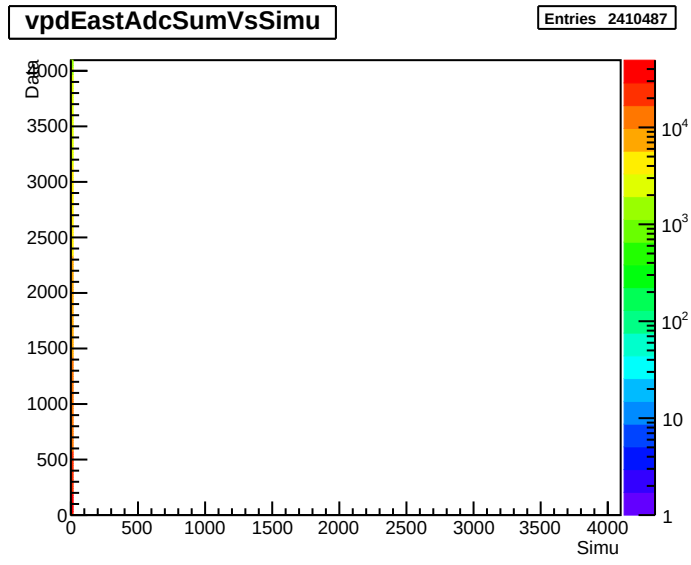

bbcSmallWestTacMax
Entries3560875

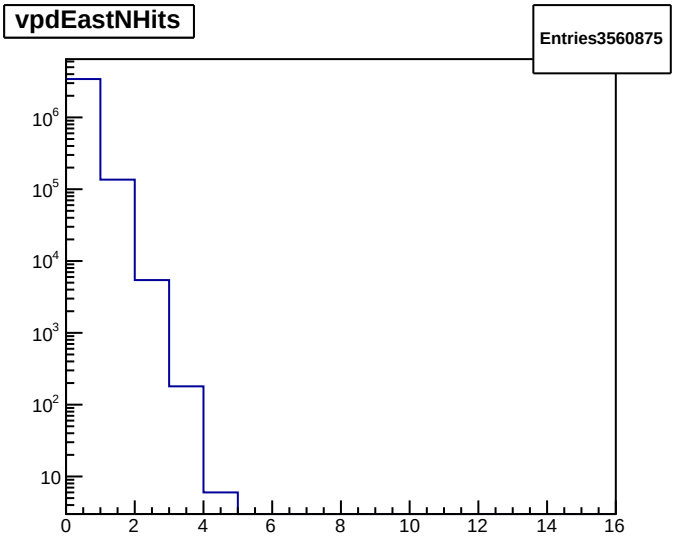

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

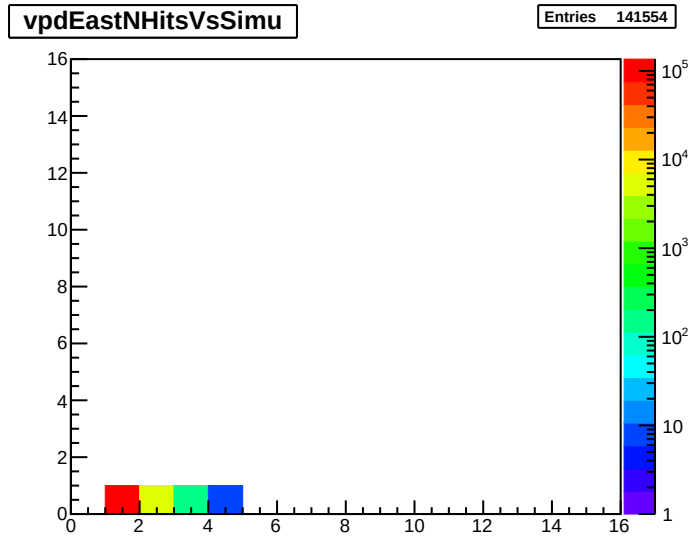

bbcLargeHit
Entries 7121750
1
0
2.87837e+06
2.67918e+06
682504
881694
E-Hit
W-Hit
10^6

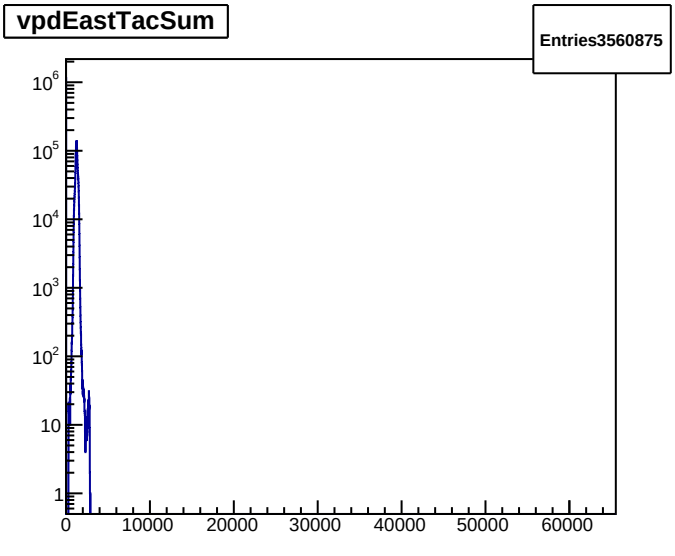

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

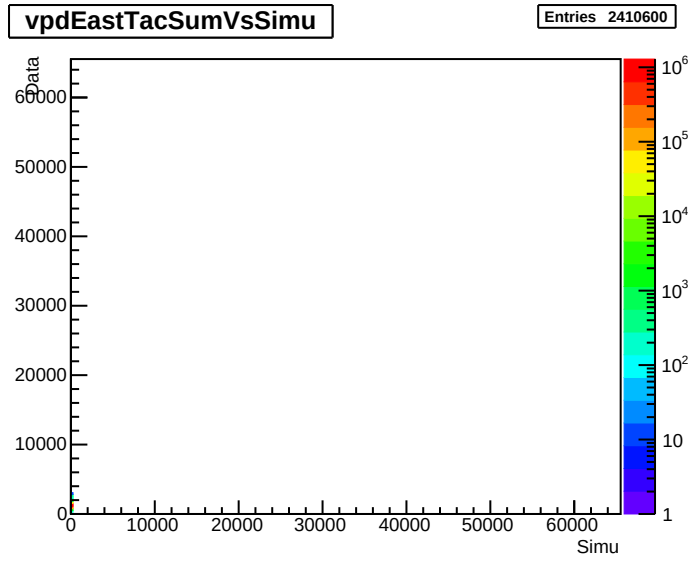

vpdEastAdcSum
Entries3560875

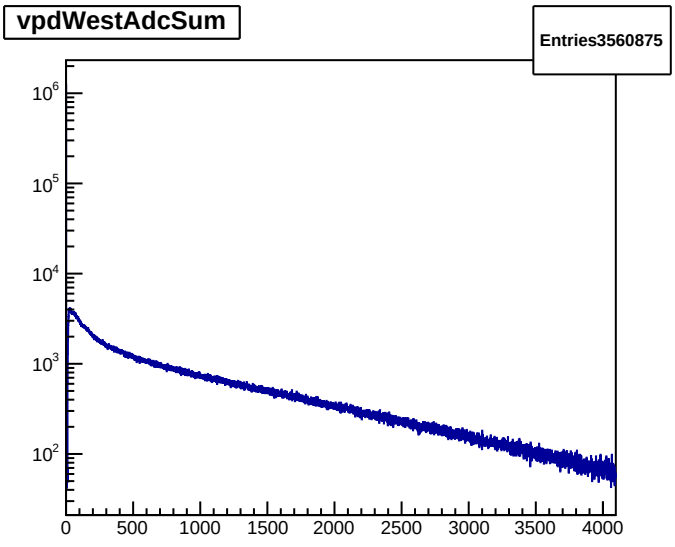

vpdEastAdcSumVsSimu
Entries 2410487
Data
Simu

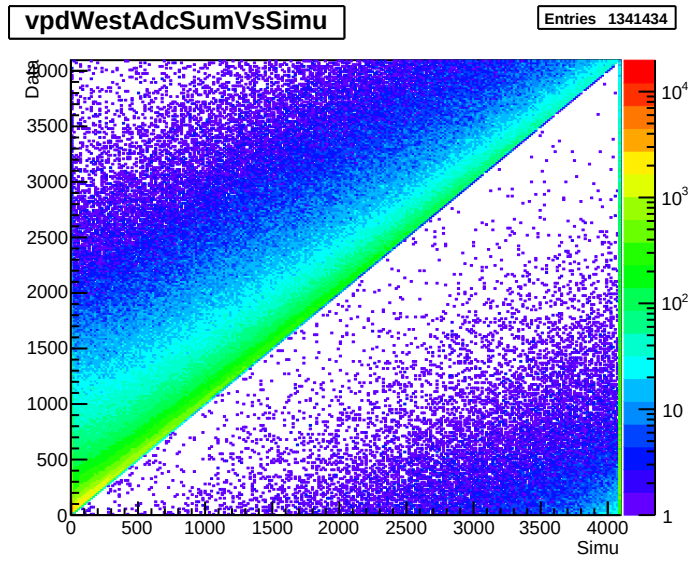

vpdEastNHits
Entries3560875

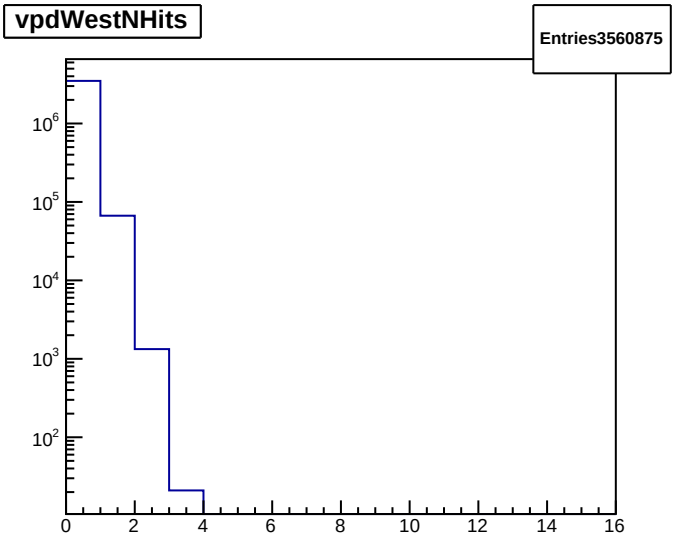

vpdEastNHitsVsSimu
Entries 141554

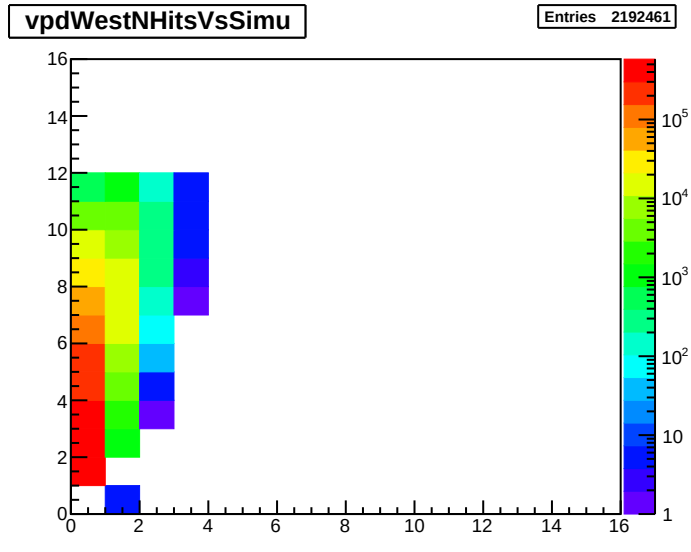

vpdEastTacSum
Entries3560875

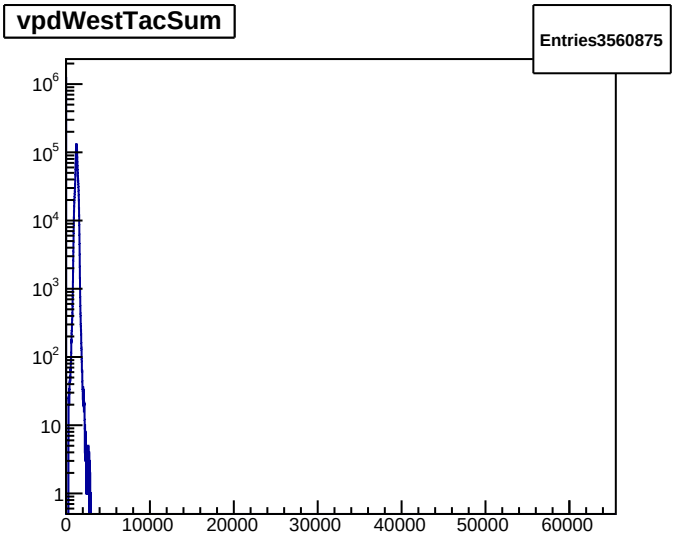

vpdEastTacSumVsSimu
Entries 2410600
Data
Simu

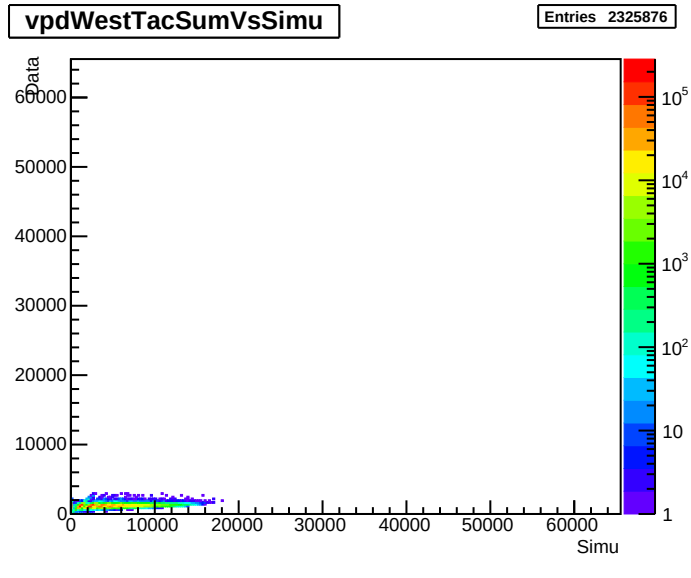

vpdWestAdcSum
Entries3560875

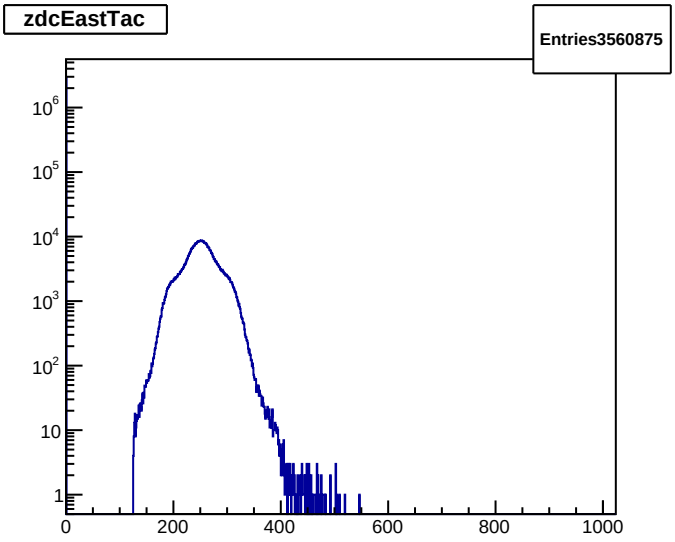

vpdWestAdcSumVsSimu
Entries 1341434
Data
Simu

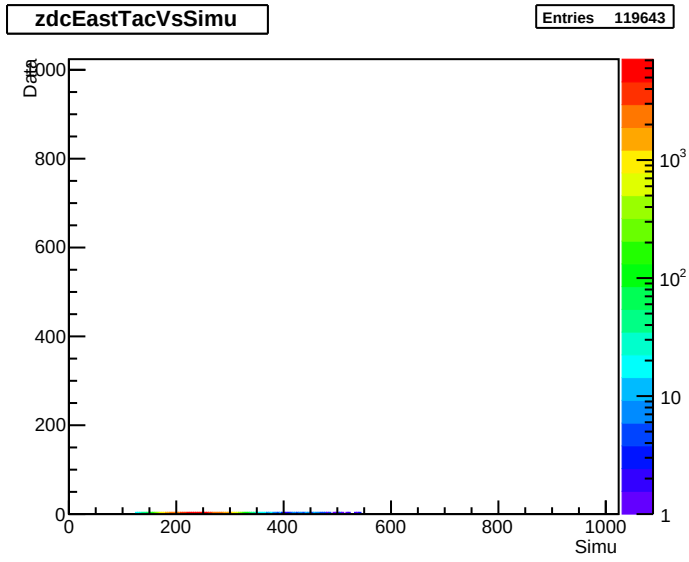

vpdWestNHits
Entries3560875

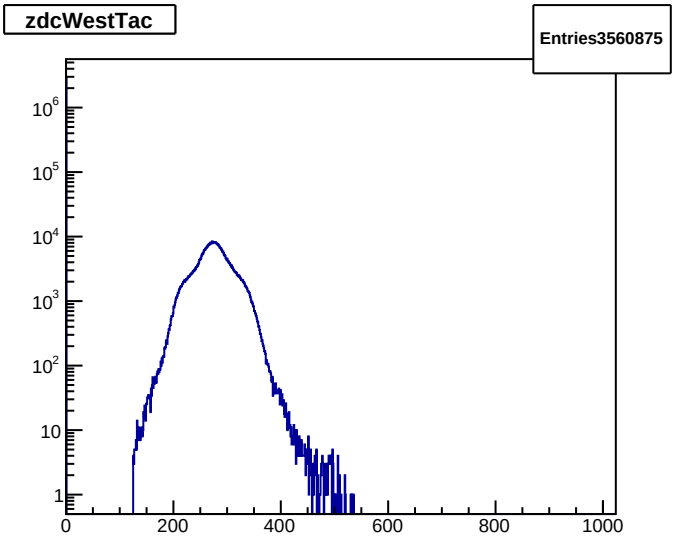

vpdWestNHitsVsSimu
Entries 2192461

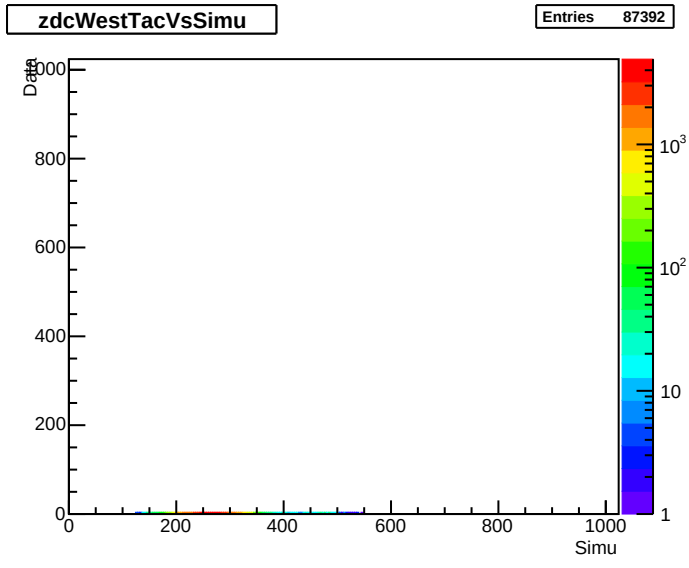

vpdWestTacSum
Entries3560875

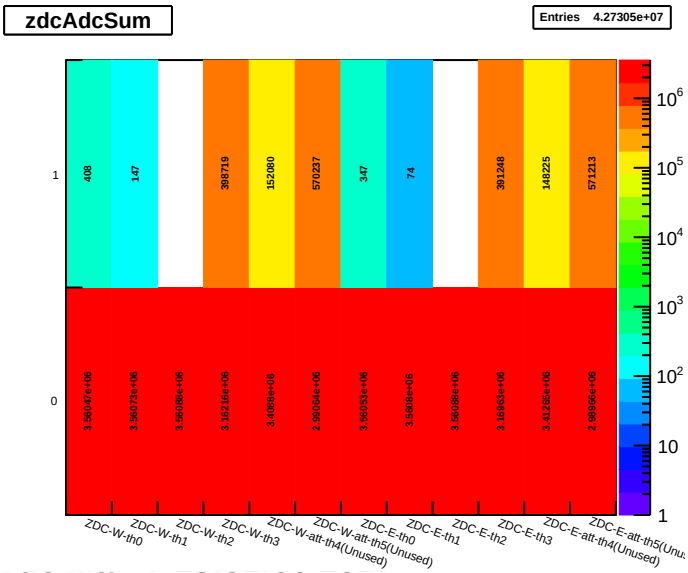

vpdWestTacSumVsSimu
Entries 2325876
Data
Simu

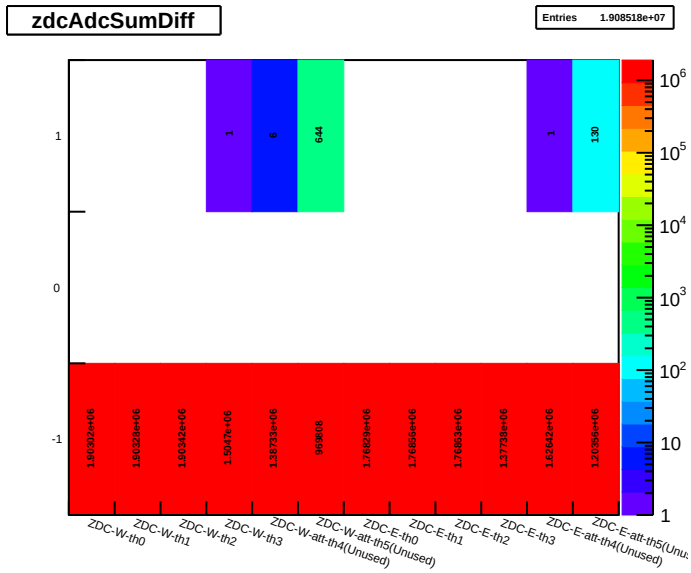

zdcEastTac
Entries3560875

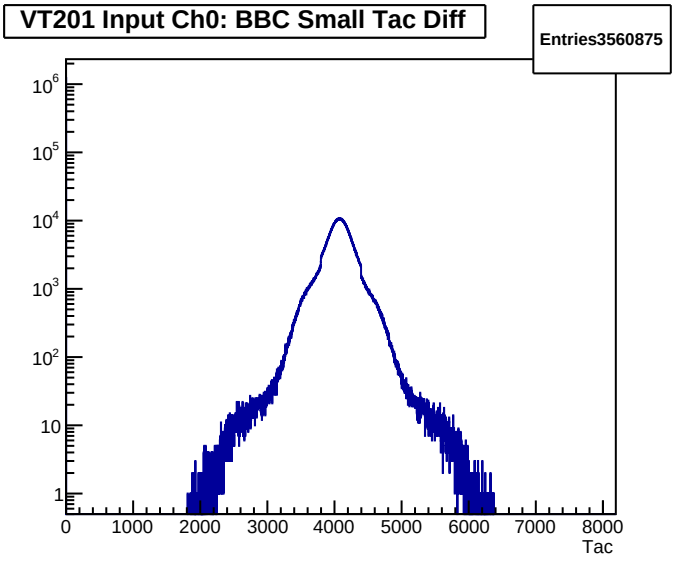

zdcEastTacVsSimu
Entries 119643
Data
Simu

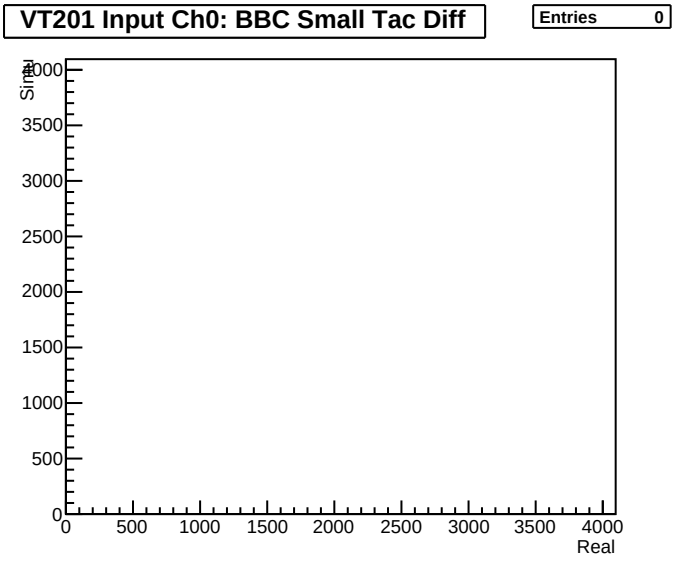

zdcWestTac
Entries3560875

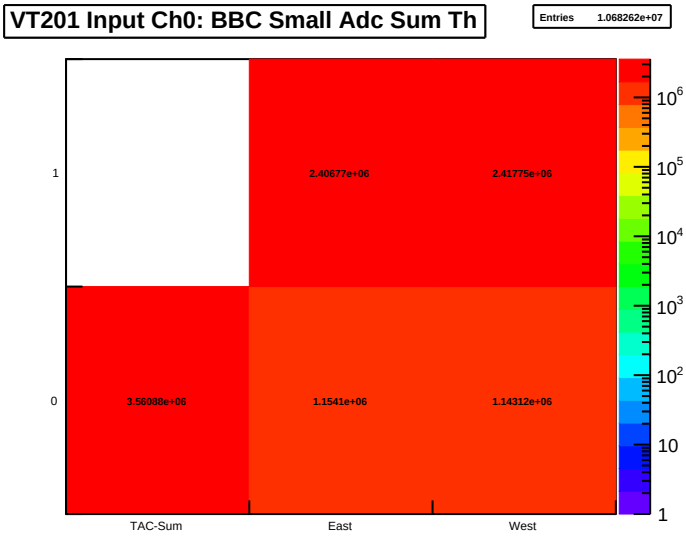

zdcWestTacVsSimu
Entries 87392
Data
Simu

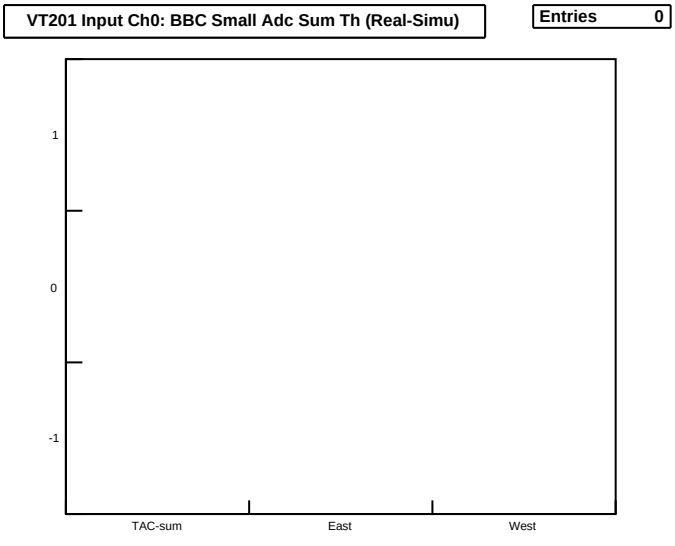

zdcAdcSum
Entries 4.27305e+07
408
147
398719
152080
570237
347
74
391248
148225
571213
3.56047e+06
3.56073e+06
3.56088e+06
3.16216e+06
3.4088e+06
2.99064e+06
3.56053e+06
3.5608e+06
3.56088e+06
3.16963e+06
3.41265e+06
2.98966e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

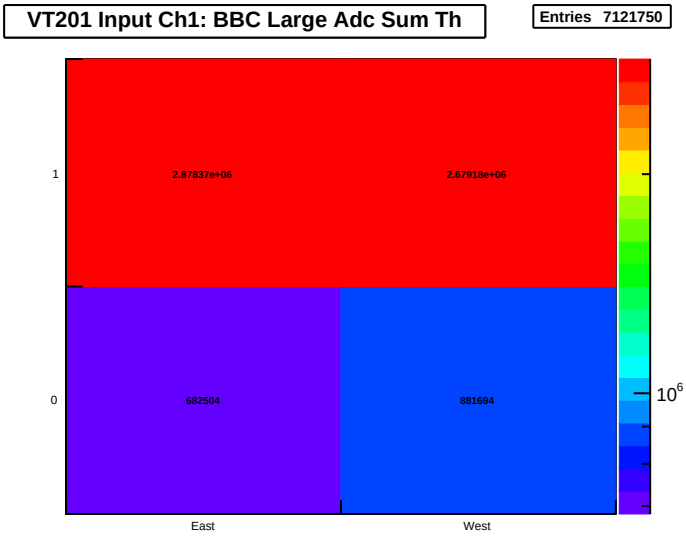

zdcAdcSumDiff
Entries 1.908518e+07
1
6
644
1
130
1.90302e+06
1.90328e+06
1.90342e+06
1.5047e+06
1.38733e+06
968808
1.76829e+06
1.76856e+06
1.76883e+06
1.37738e+06
1.62642e+06
1.20356e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

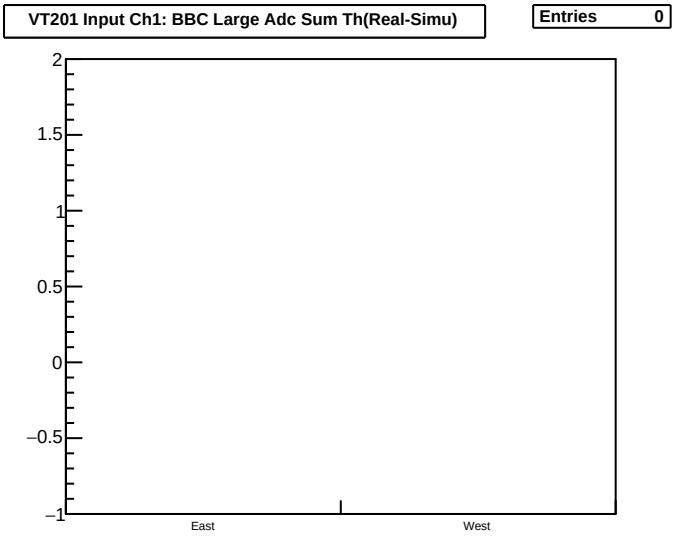

VT201 Input Ch0: BBC Small Tac Diff
Entries3560875
Tac


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

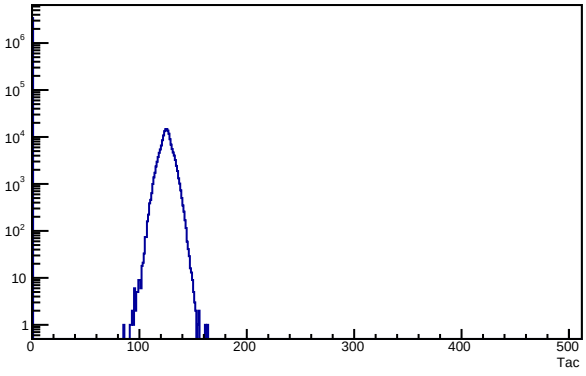

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.068262e+07
2.40677e+06
2.41775e+06
3.56088e+06
1.1541e+06
1.14312e+06
TAC-Sum
East
West


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

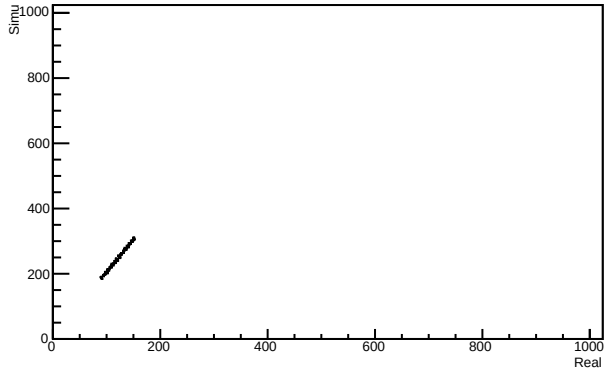

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 7121750
2.87837e+06
2.67918e+06
682504
881694
East
West


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

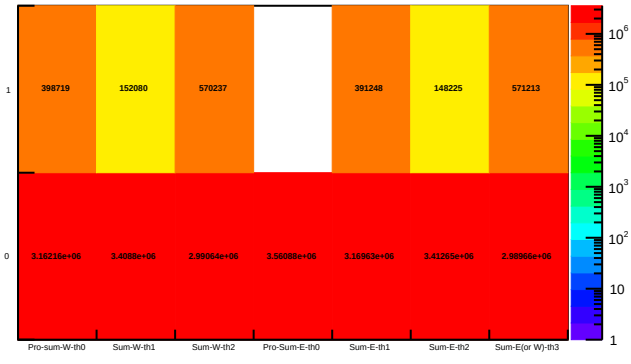
VT201 Input Ch2: ZDC Tac Diff



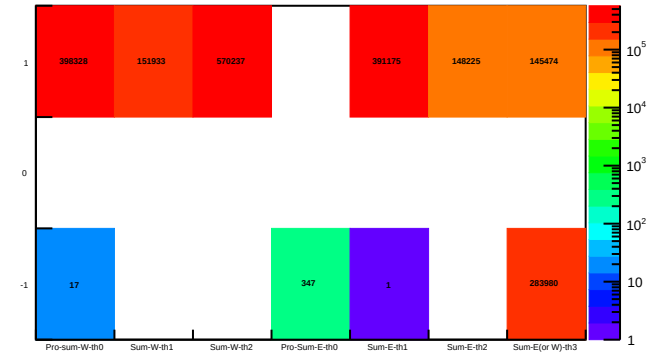
VT201 Input Ch2: ZDC Tac Diff



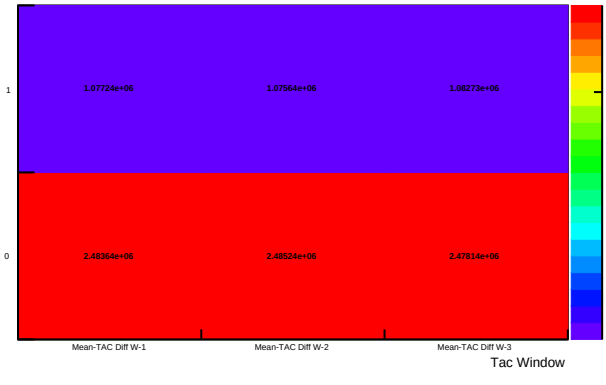
VT201 Input Ch2: ZDC Adc Sum Th



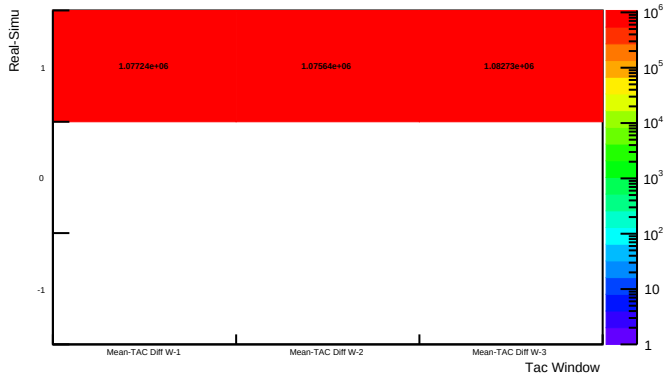
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



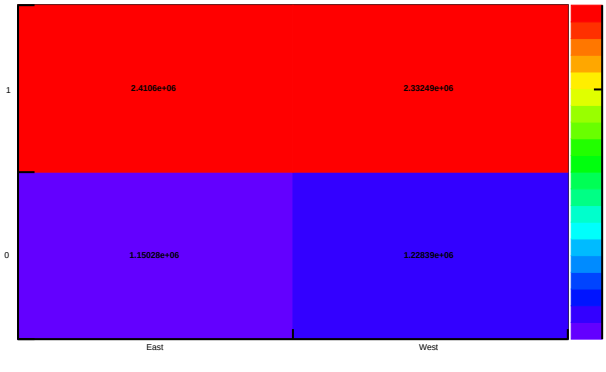
VT201 Input Ch4: VPD Tac Diff



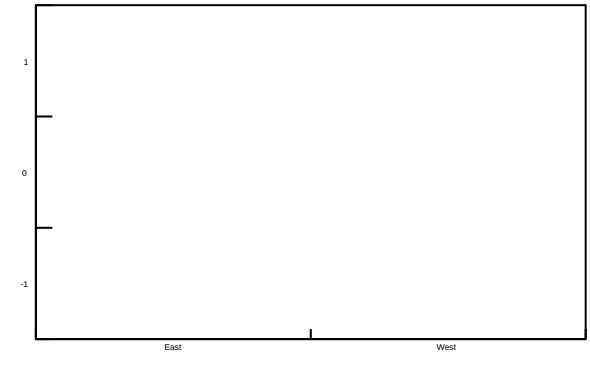
VT201 Input Ch4: VPD Tac Diff

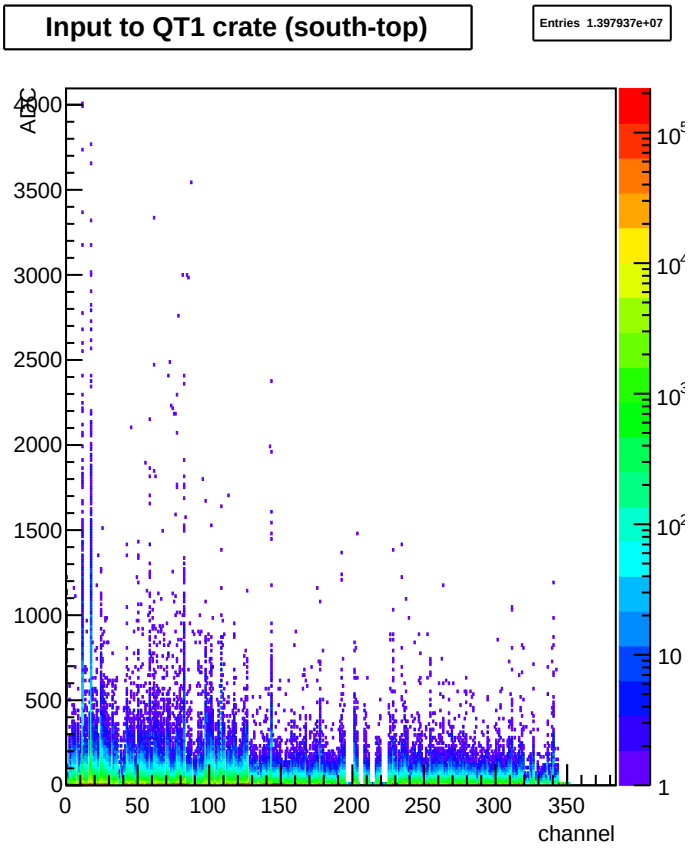


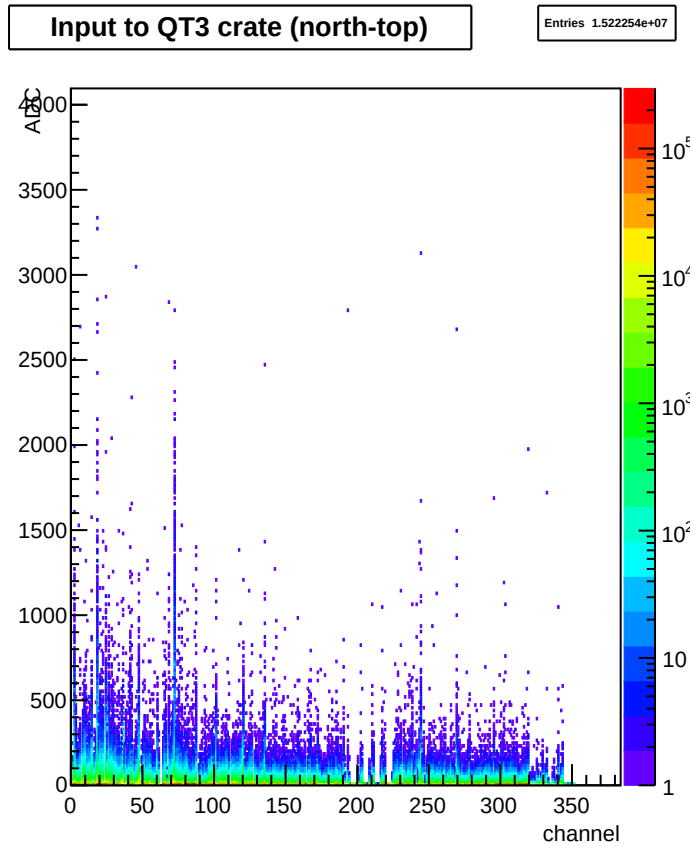
VT201 Input Ch4: VPD Adc Sum Th

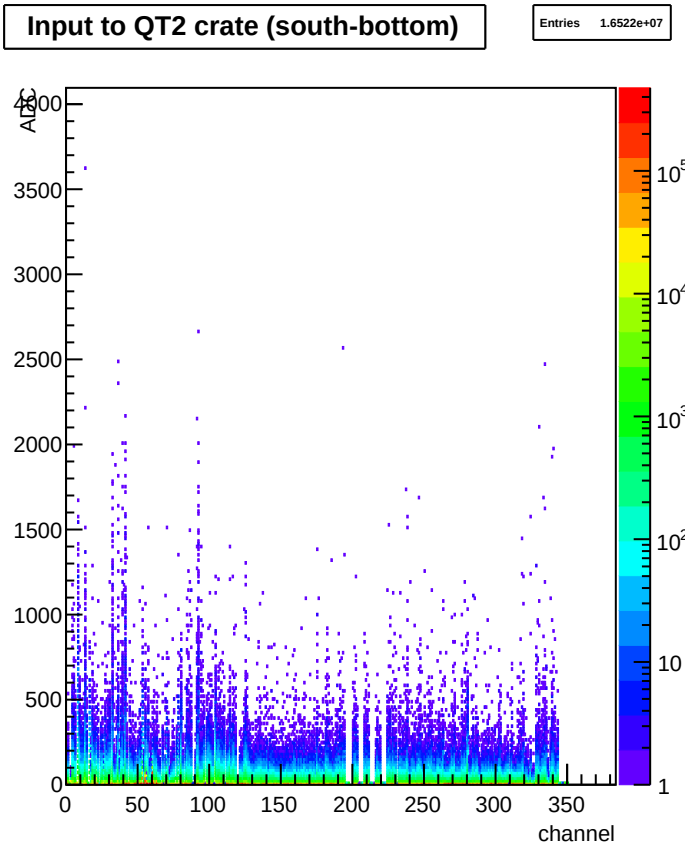


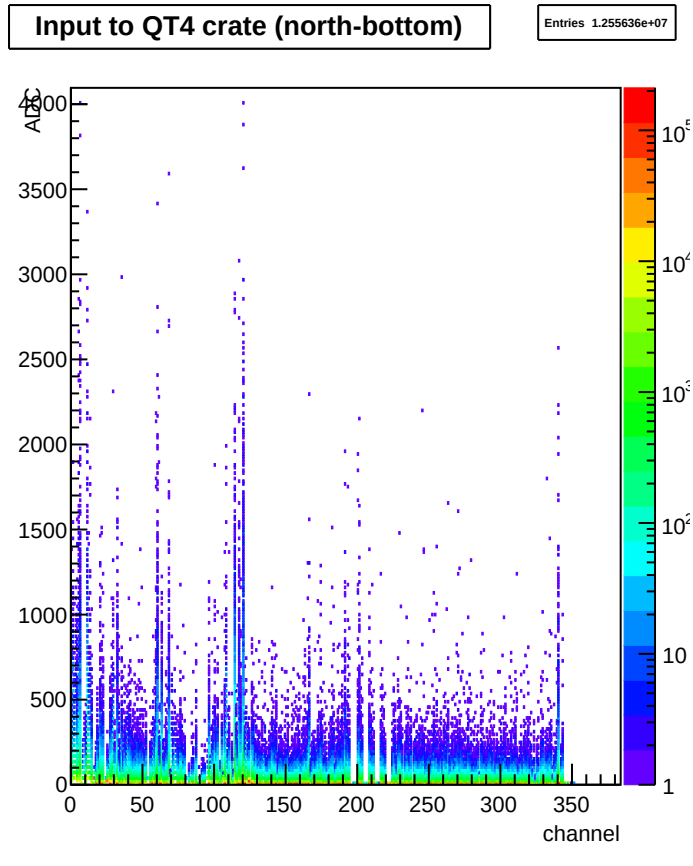
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

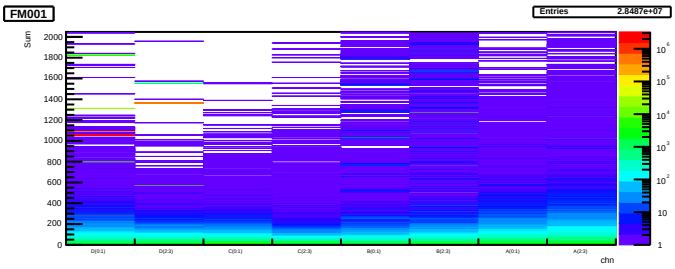


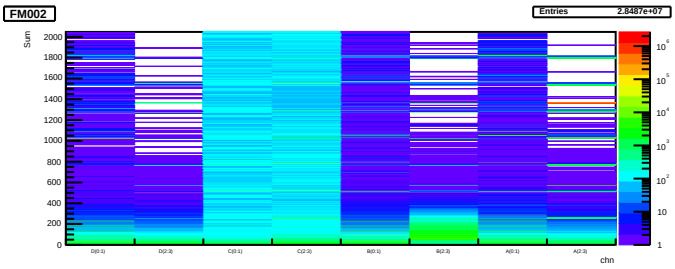

Input to QT1 crate (south-top)
Entries 1.397937e+07
ADC
channel

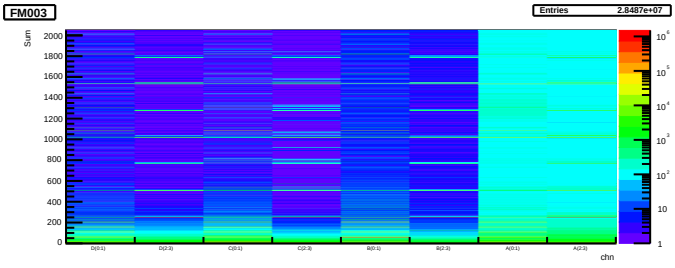

Input to QT3 crate (north-top)
Entries 1.522254e+07
ADC
channel

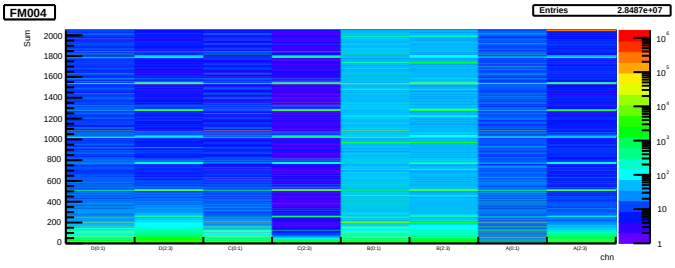

Input to QT2 crate (south-bottom)
Entries 1.6522e+07
ADC
channel

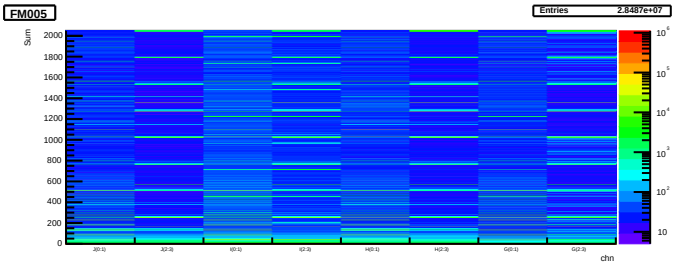

Input to QT4 crate (north-bottom)
Entries 1.255636e+07
ADC
channel

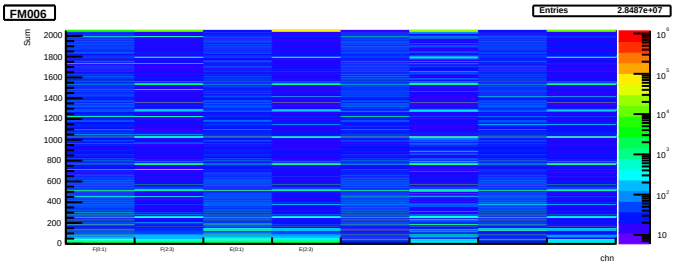

FM001
Entries 2.8487e+07
Sum
chn

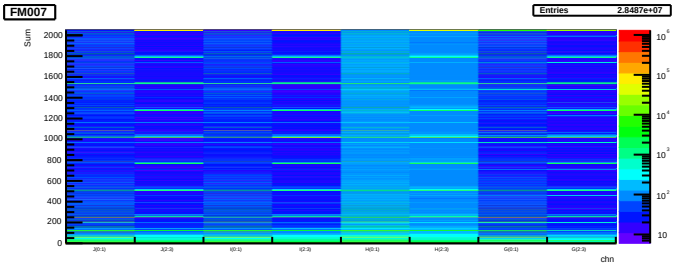

FM002
Entries 2.8487e+07
Sum
chn

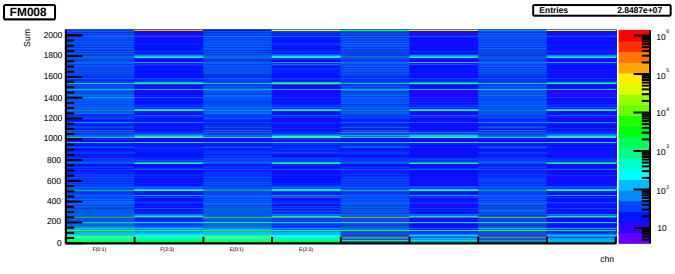

FM003
Entries 2.8487e+07
Sum
chn


FM004
Entries 2.8487e+07
Sum
chn


FM005
Entries 2.8487e+07
Sum
chn


FM006
Entries 2.8487e+07
Sum
chn


FM007
Entries 2.8487e+07
Sum
chn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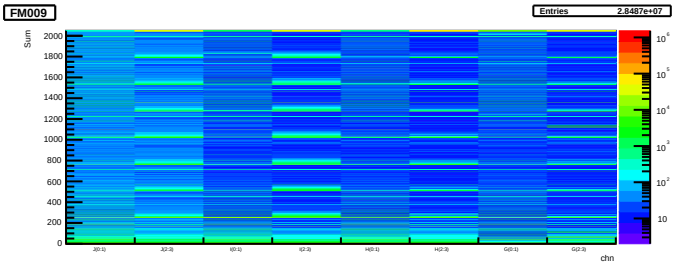
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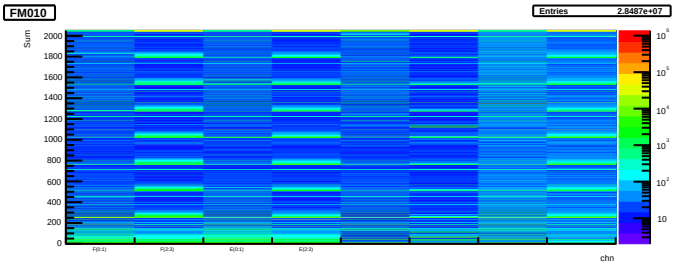
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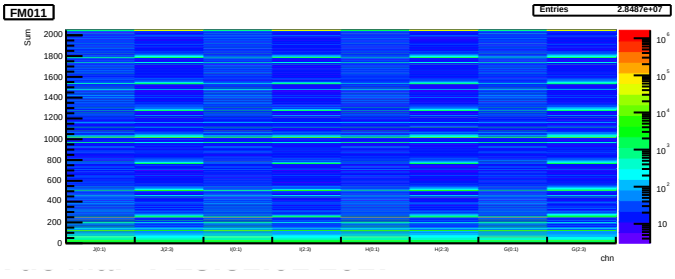
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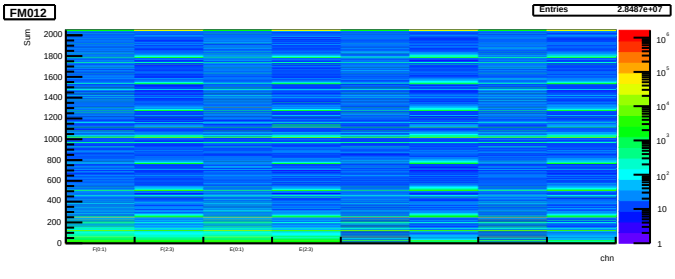
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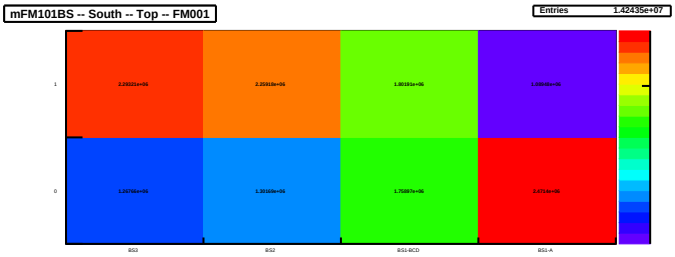
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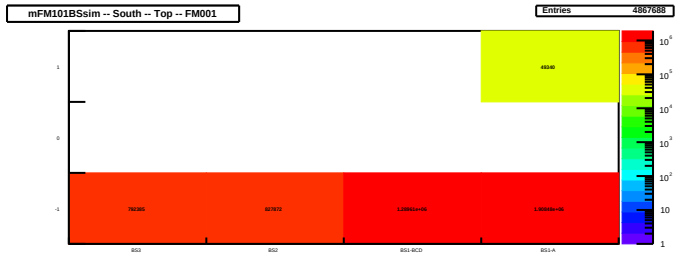
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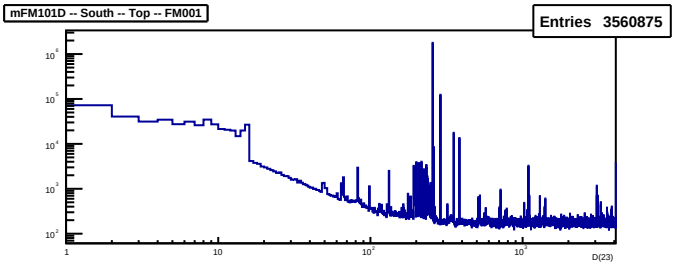
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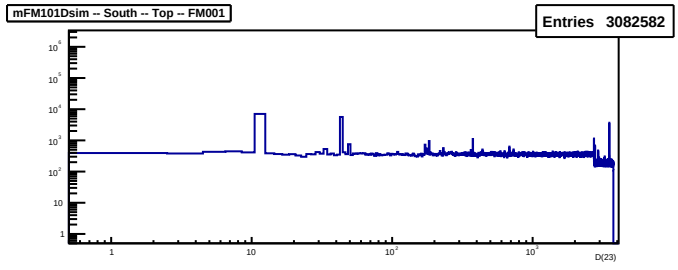
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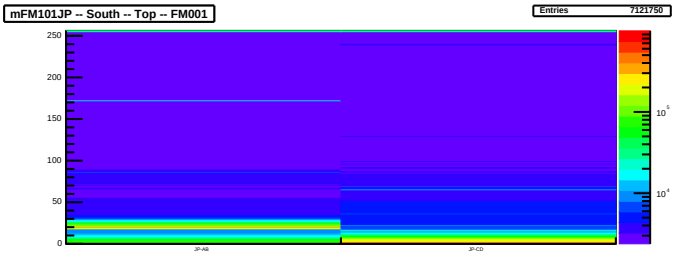
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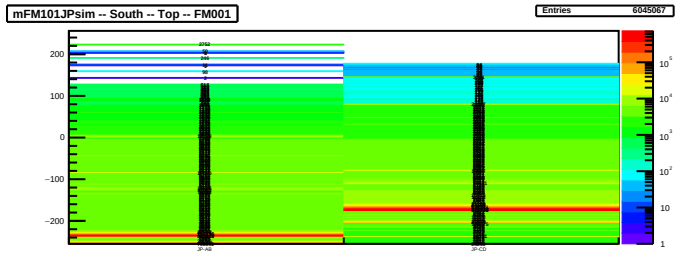
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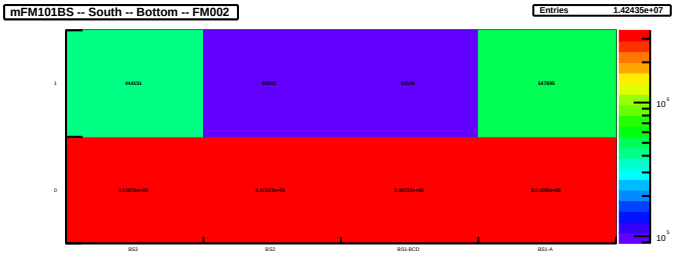
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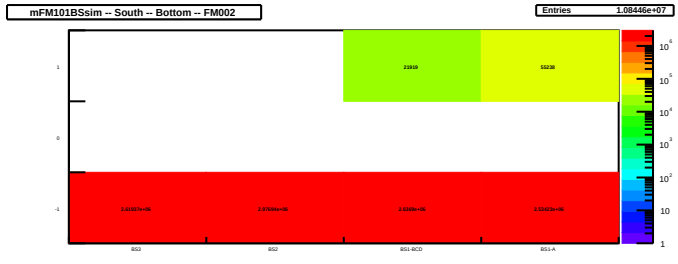
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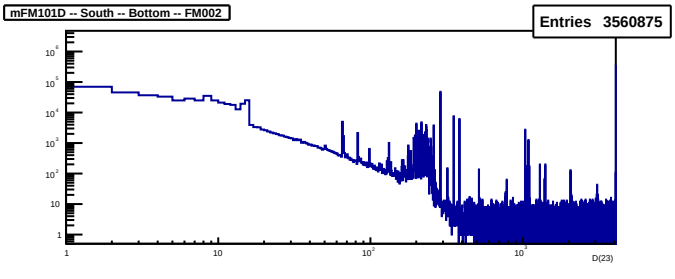
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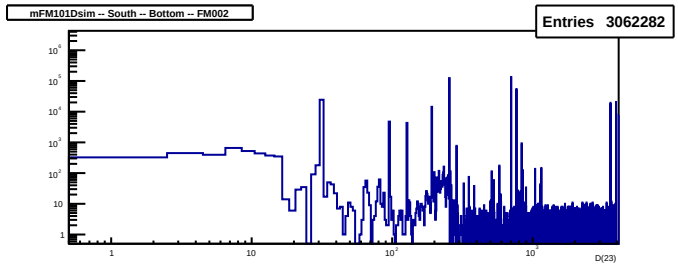
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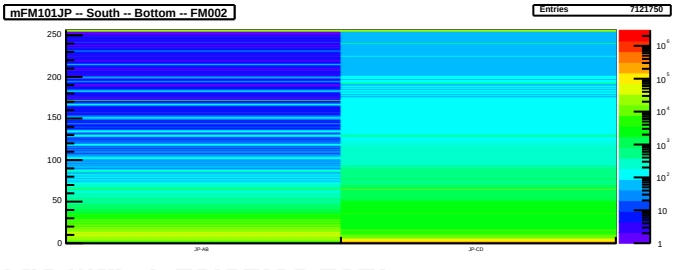
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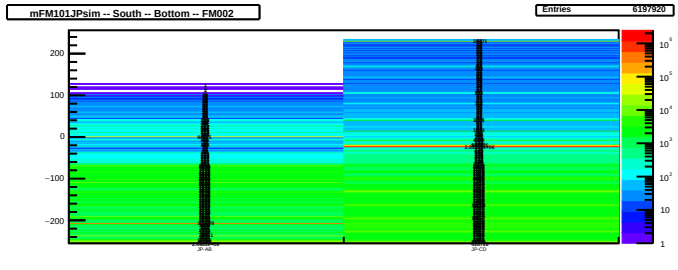
Entries 7121750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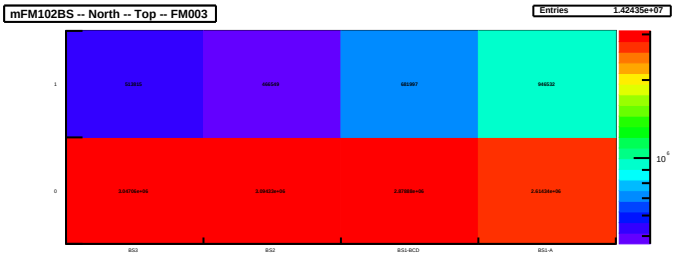
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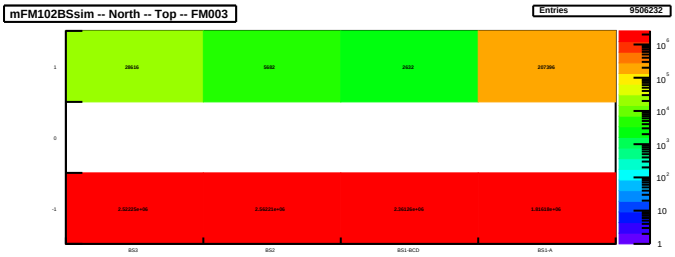
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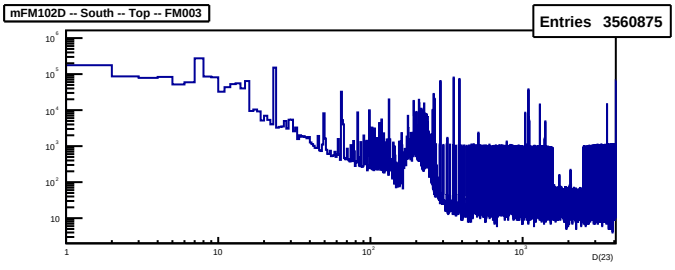
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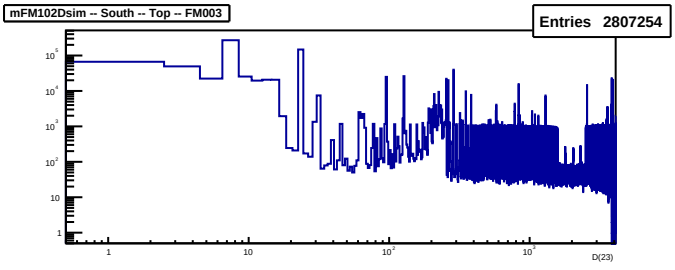
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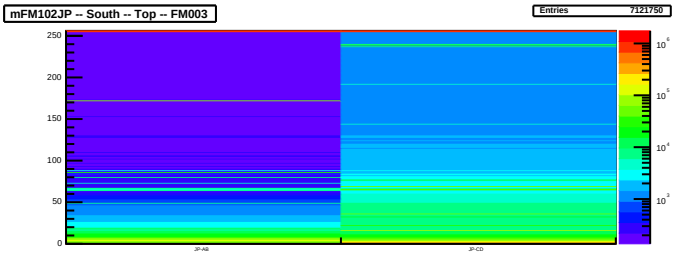
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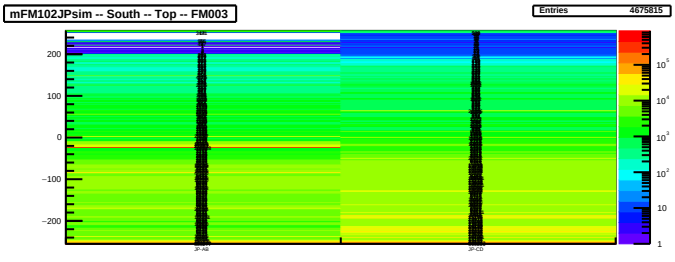
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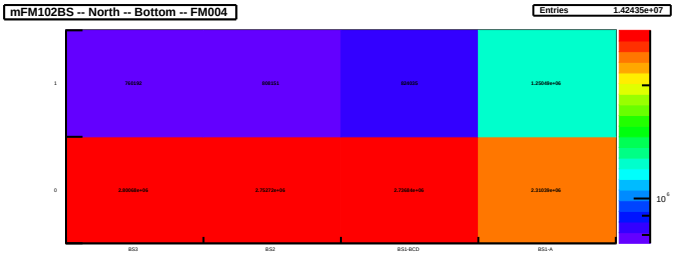
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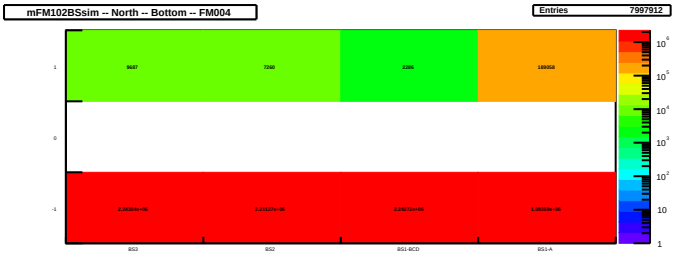
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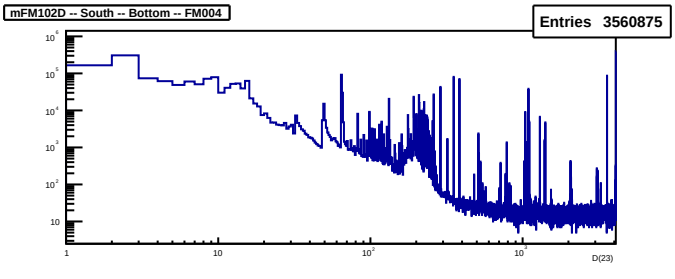
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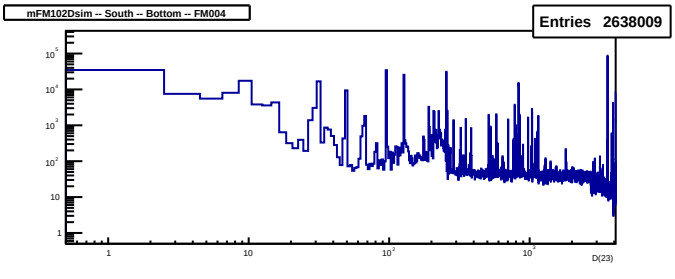
D(23)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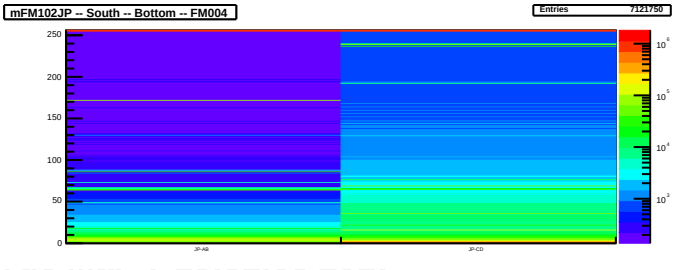
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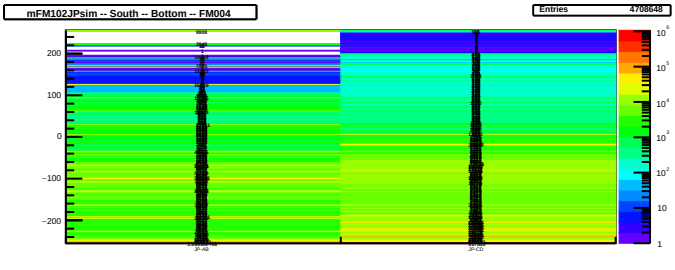
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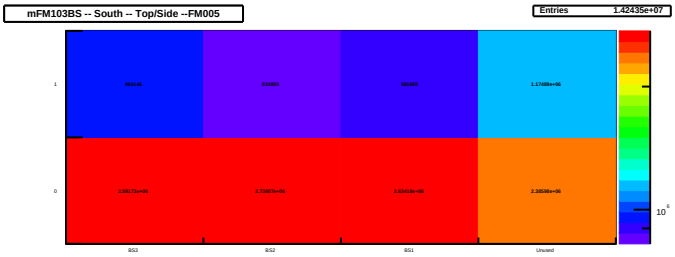
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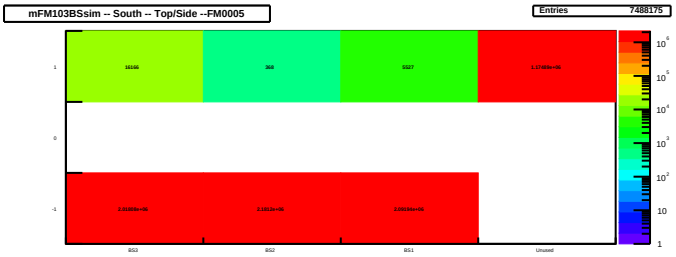
Entries 1.42435e+07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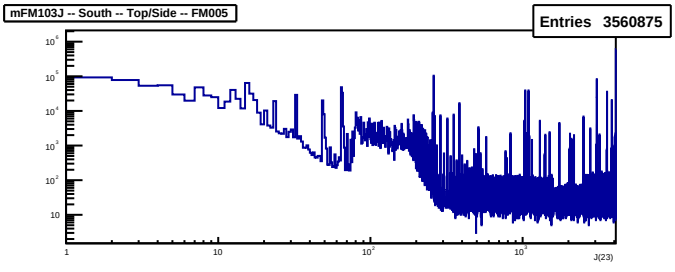
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Entries 3560875
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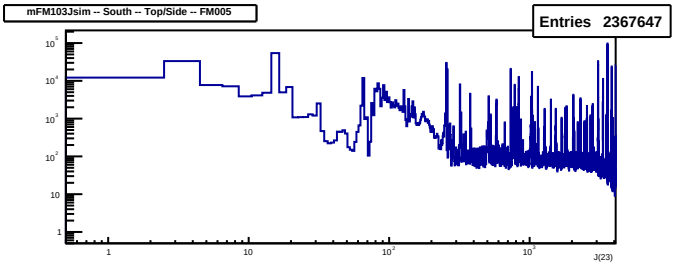
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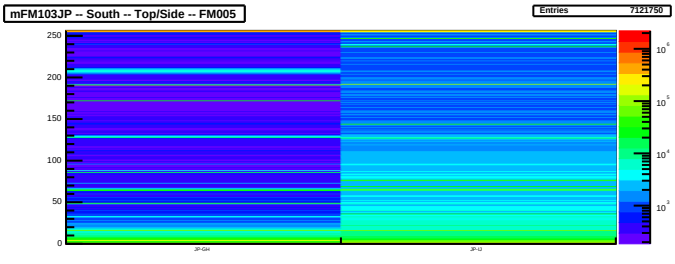
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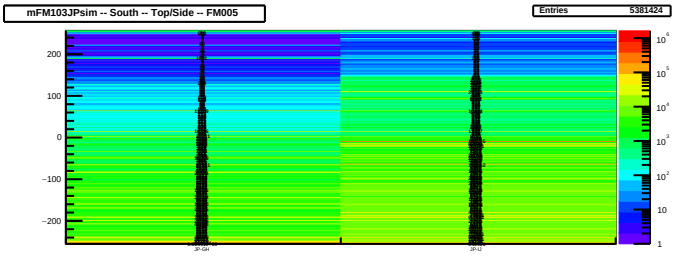
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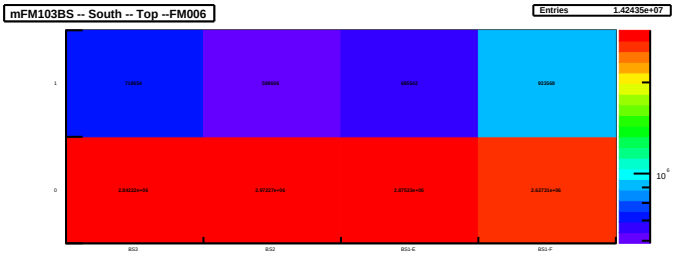
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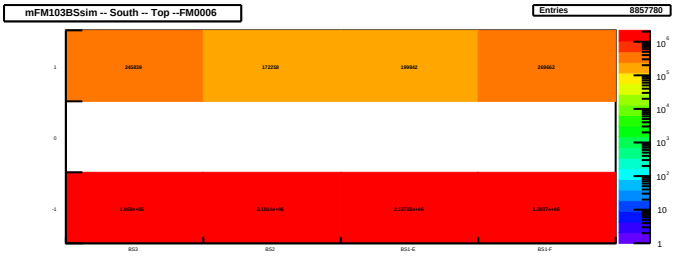
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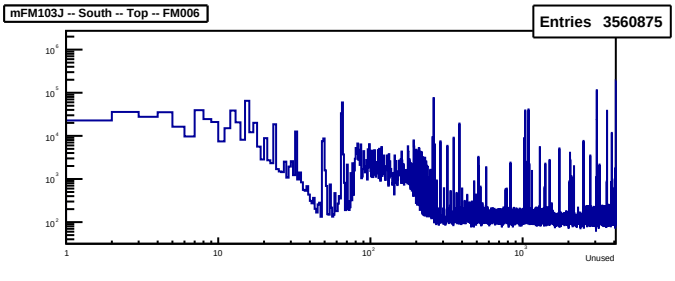
mFM103J -- South -- Top -- FM006
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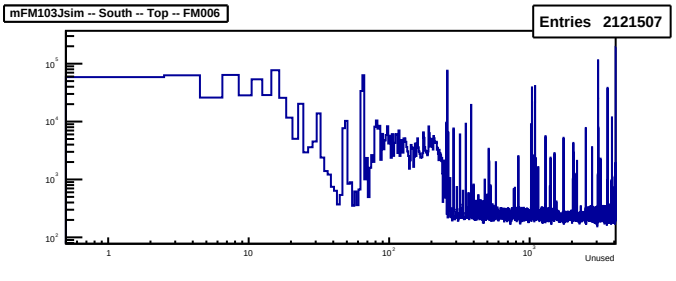
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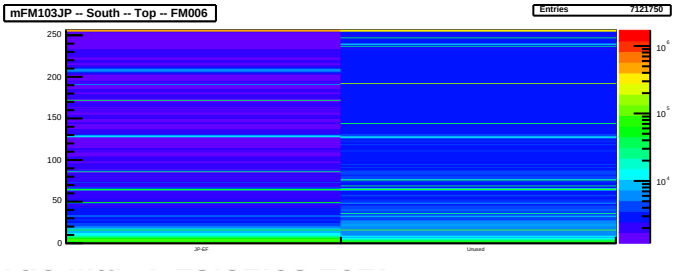
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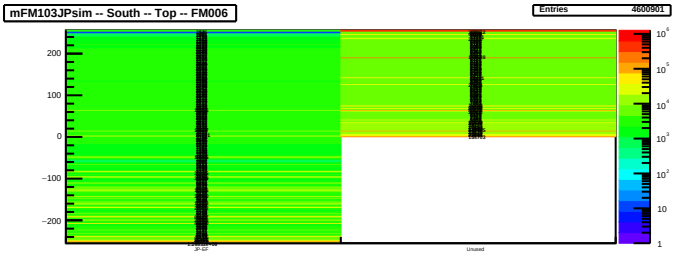
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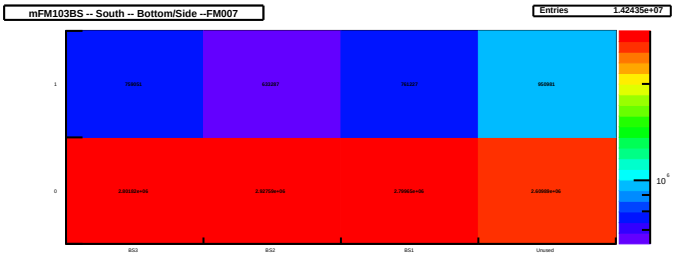
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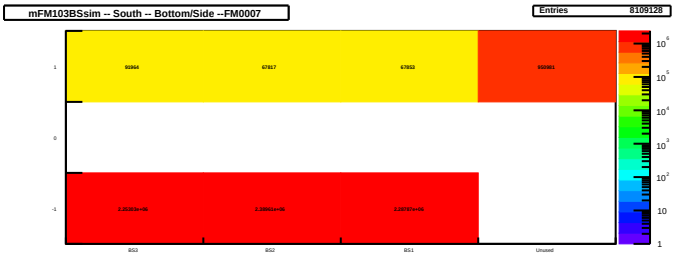
Entries 1.42435e+07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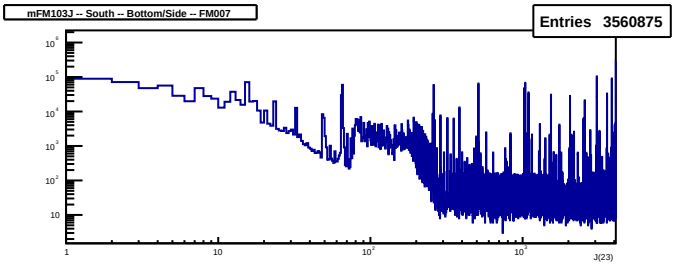
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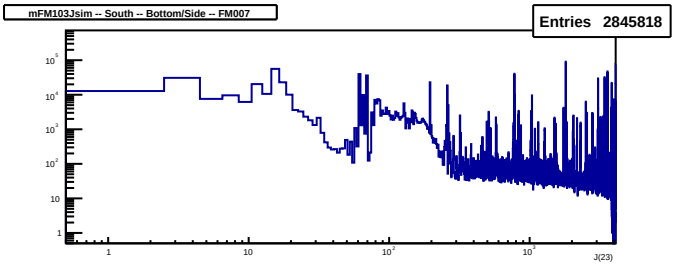
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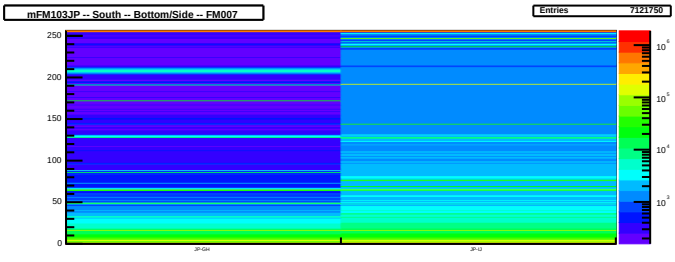
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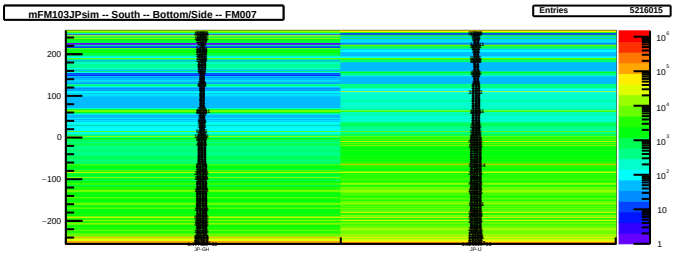
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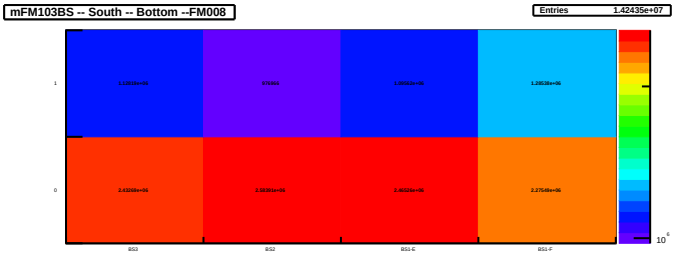
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Entries 1.42435e+07

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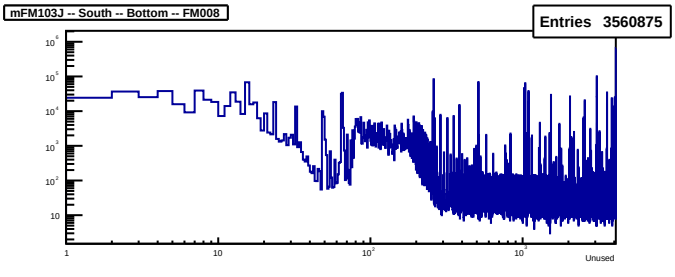
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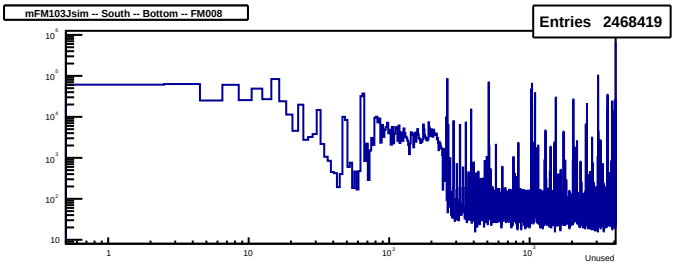
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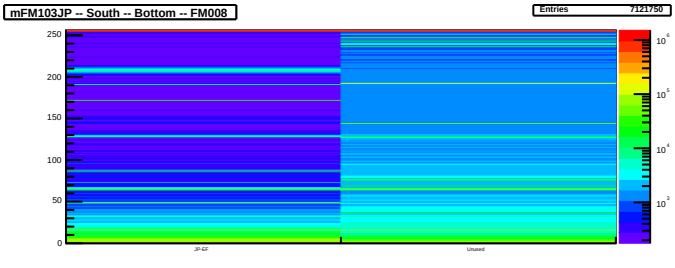
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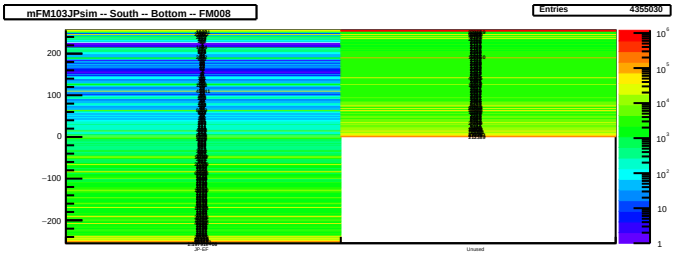
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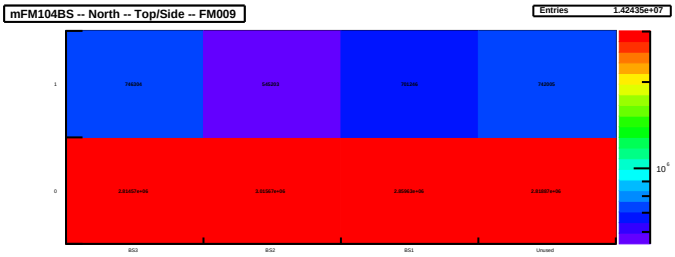
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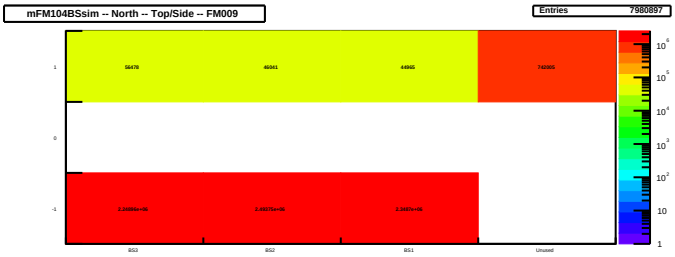
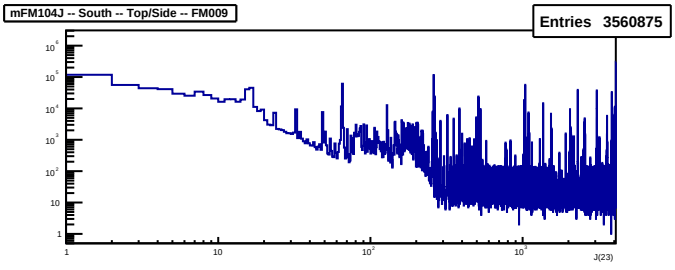
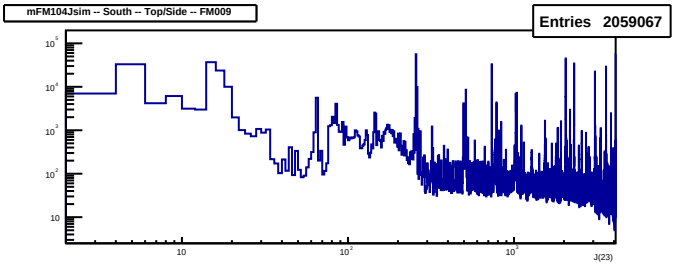
Entries 1.42435e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 7980897


mFM104J -- South -- Top/Side -- FM009
Entries 3560875
J(23)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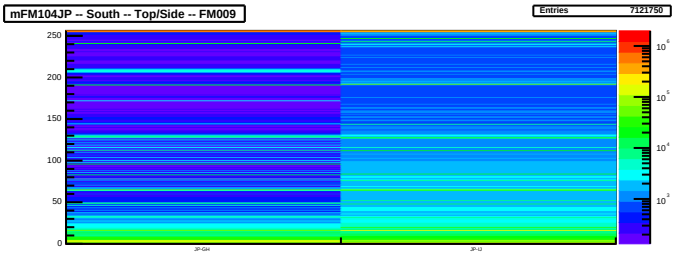
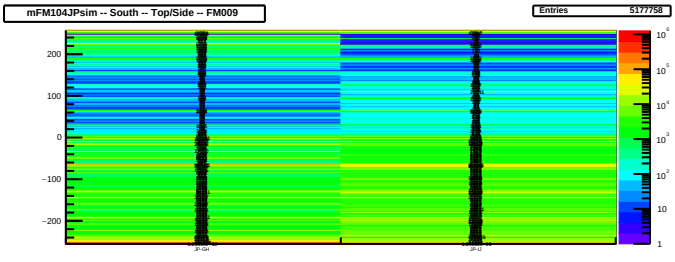
Entries 2059067
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 7121750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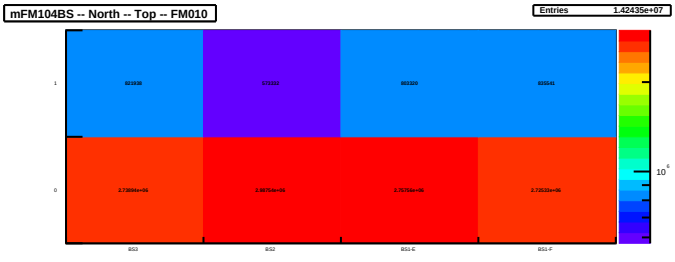
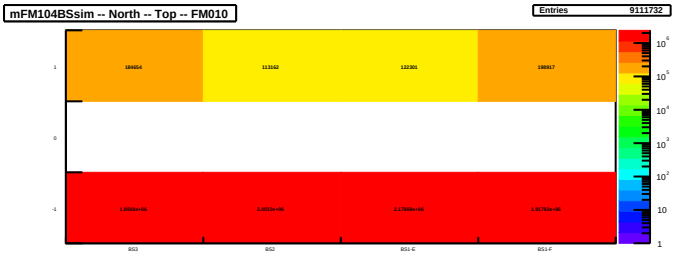
Entries 5177758


mFM104BS -- North -- Top -- FM010
Entries 1.42435e+07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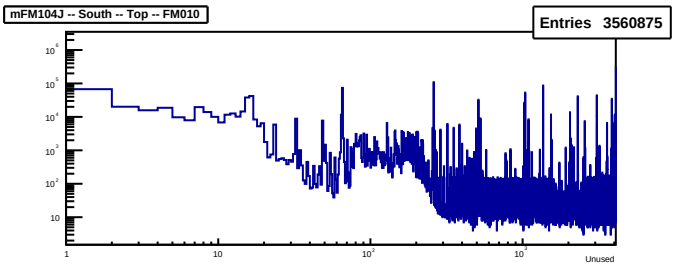
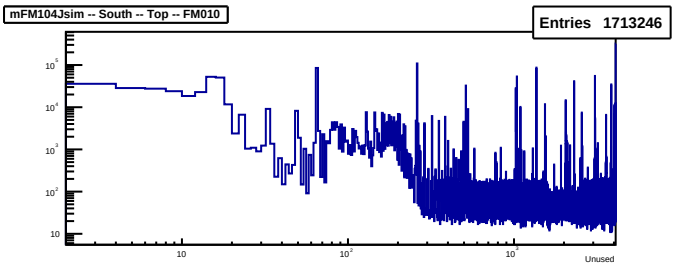

mFM104J -- South -- Top -- FM010
Entries 3560875
Unused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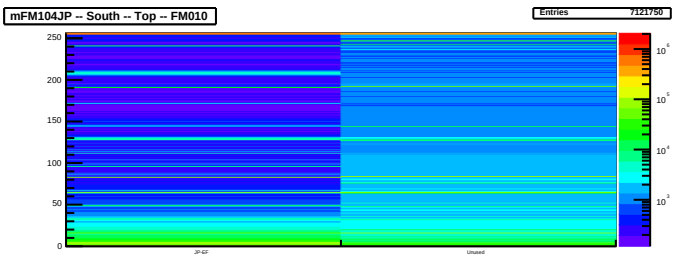
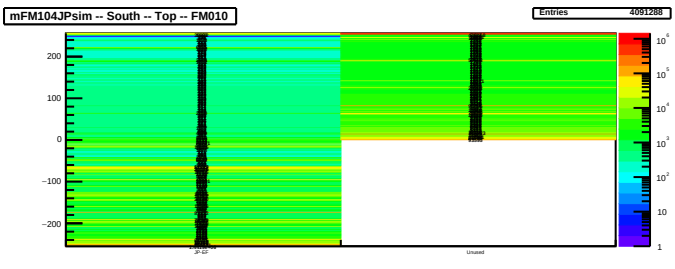
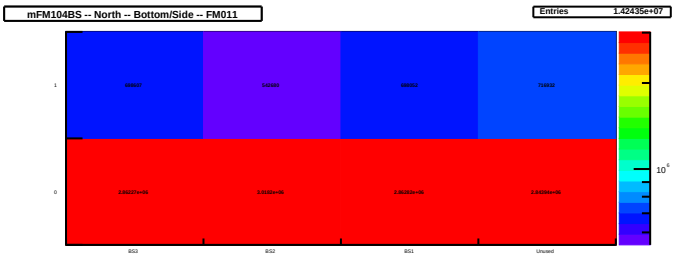
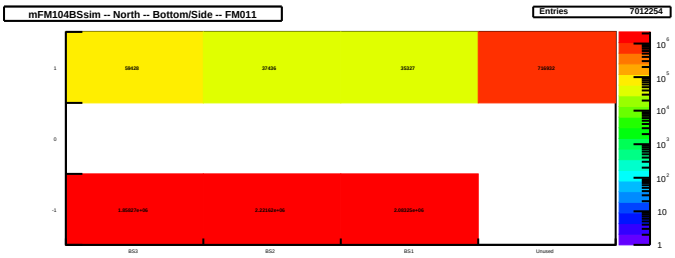
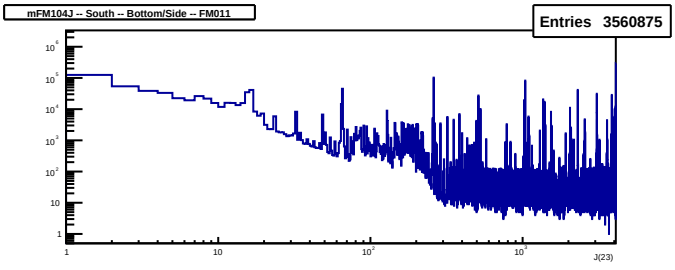
Entries 1713246
Unused

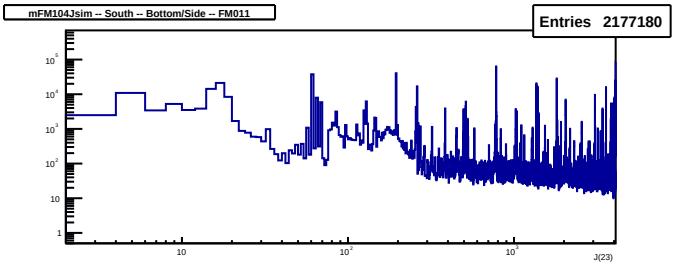

mFM104JP -- South -- Top -- FM010
Entries 7121750

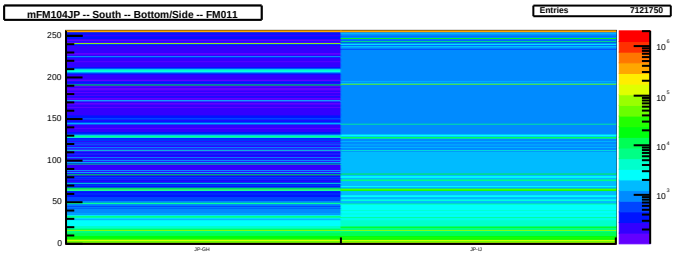

mFM104JPsim -- South -- Top -- FM010
Entries 4091288

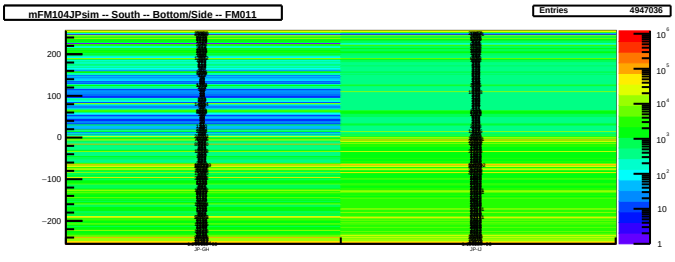

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.42435e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 7012254


mFM104J -- South -- Bottom/Side -- FM011
Entries 3560875
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 2177180
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 7121750


mFM104JPsim -- South -- Bottom/Side -- FM011
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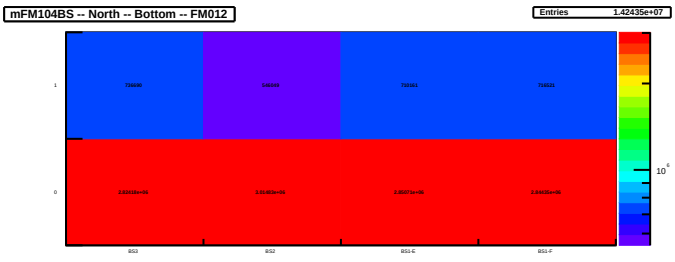
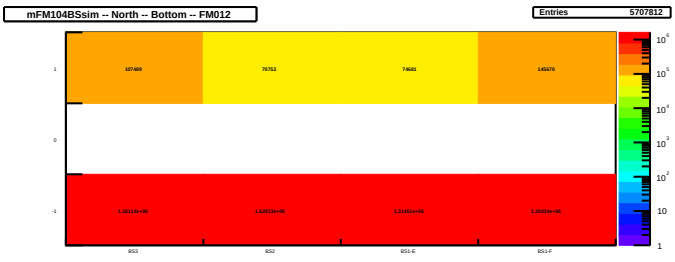

mFM104BS -- North -- Bottom -- FM012
Entries 1.42435e+07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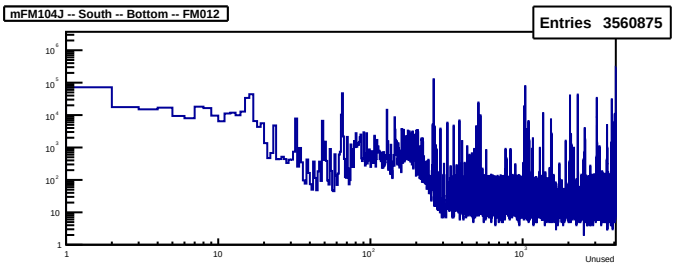
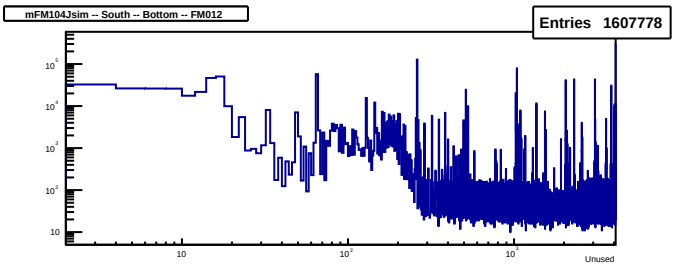
Entries 5707812


mFM104J -- South -- Bottom -- FM012
Entries 3560875
Unused


mFM104Jsim -- South -- Bottom -- FM012
Entries 1607778
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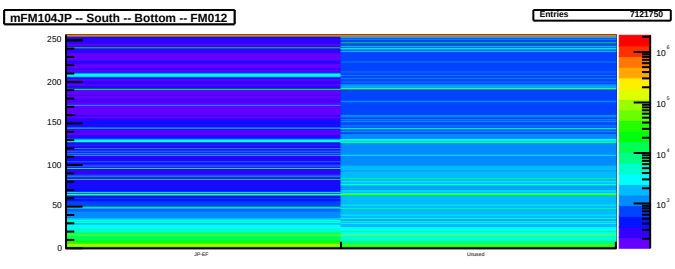
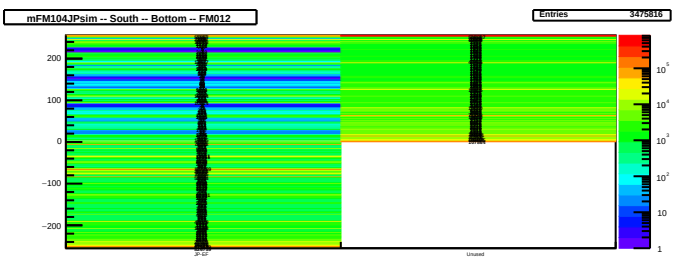

mFM104JP -- South -- Bottom -- FM012
Entries 7121750


mFM104JPsim -- South -- Bottom -- FM012
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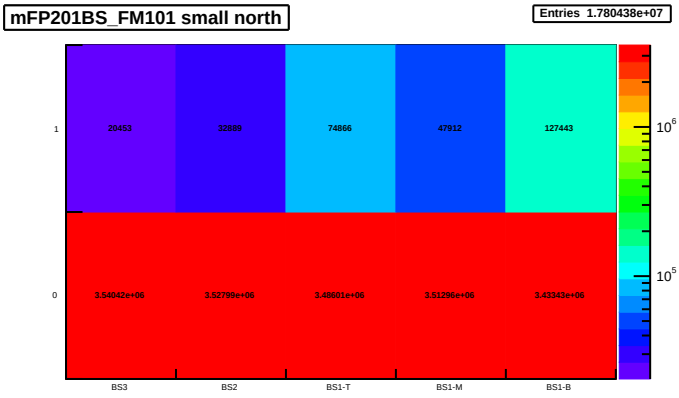
mFP201BS_FM101 small north
Entries 1.780438e+07
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0
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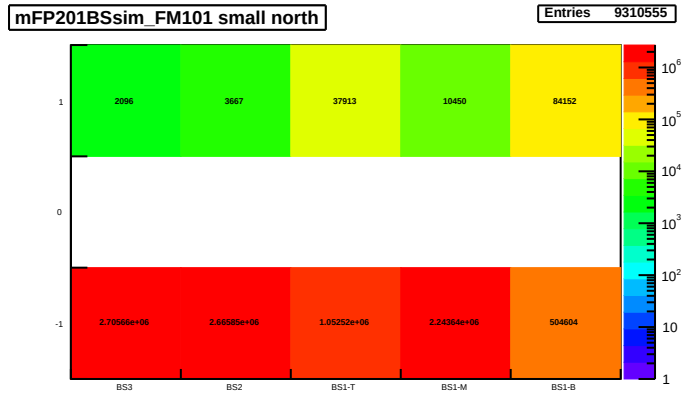
32889
74866
47912
127443
3.54042e+06
3.52799e+06
3.48601e+06
3.51296e+06
3.43343e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5


mFP201BSsim_FM101 small north
Entries 9310555
1
0
-1
2096
3667
37913
10450
84152
2.70566e+06
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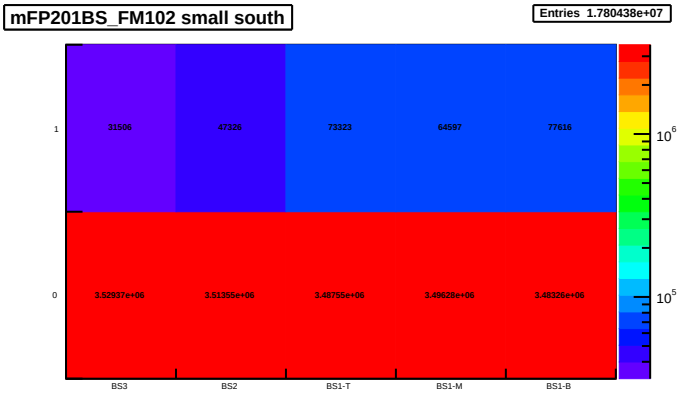
1.05252e+06
2.24364e+06
504604
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 1.780438e+07
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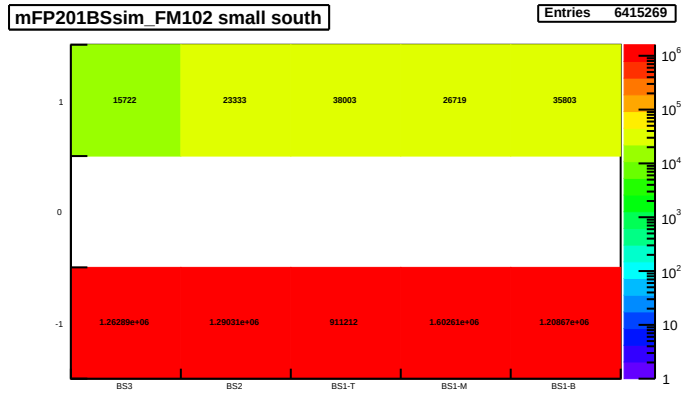
31506
47326
73323
64597
77616
3.52937e+06
3.51355e+06
3.48755e+06
3.49628e+06
3.48326e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5


mFP201BSsim_FM102 small south
Entries 6415269
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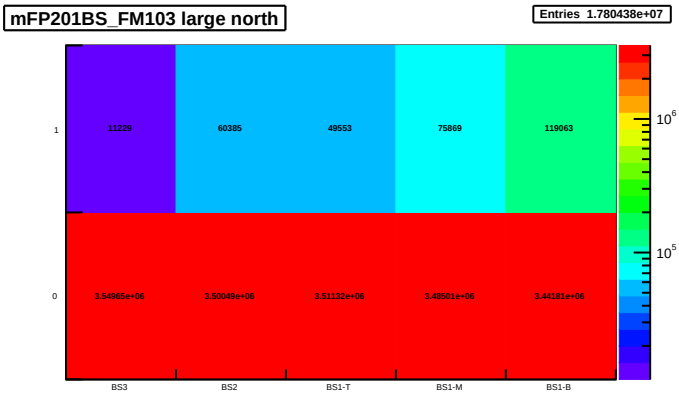
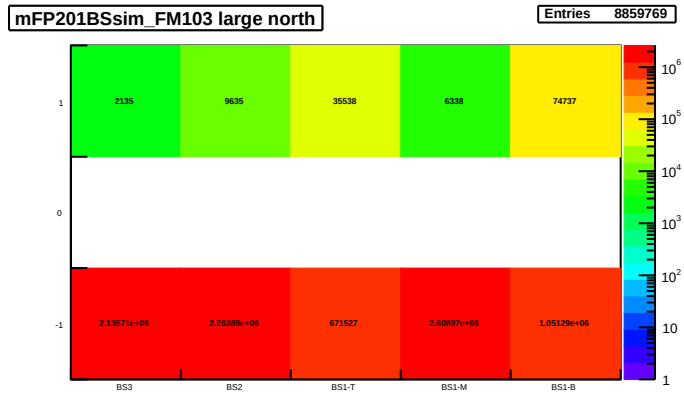
0
-1
15722
23333
38003
26719
35803
1.26289e+06
1.29031e+06
911212
1.60261e+06
1.20867e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 1.780438e+07
1
0
11229
60385
49553
75869
119063
3.54965e+06
3.50049e+06
3.51132e+06
3.48501e+06
3.44181e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5


mFP201BSsim_FM103 large north
Entries 8859769
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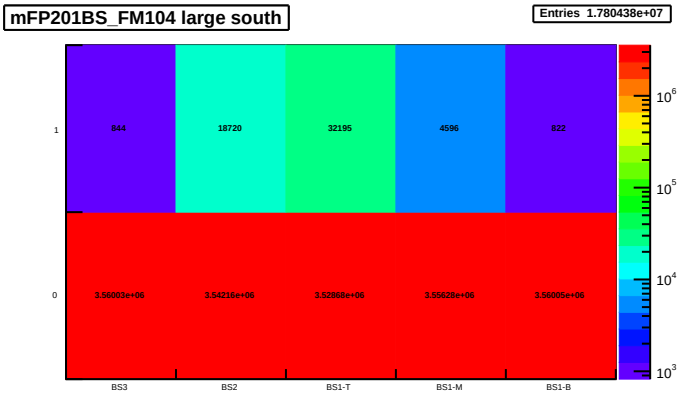
-1
2135
9635
35538
6338
74737
2.13571e+06
2.26389e+06
671527
2.60897e+06
1.05129e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM104 large south
Entries 1.780438e+07
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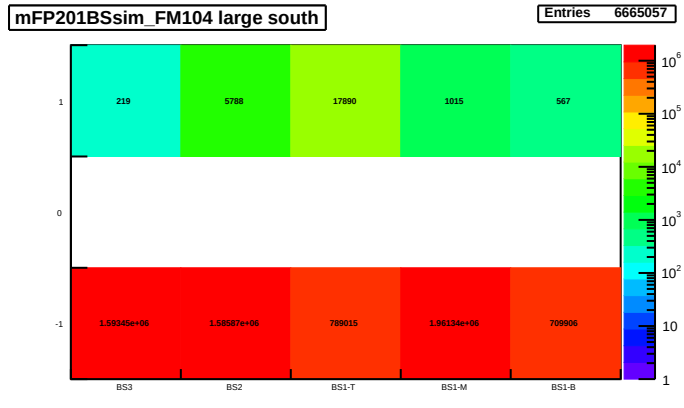
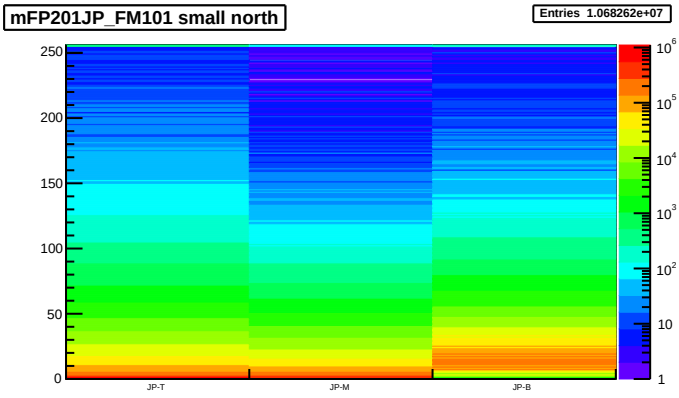
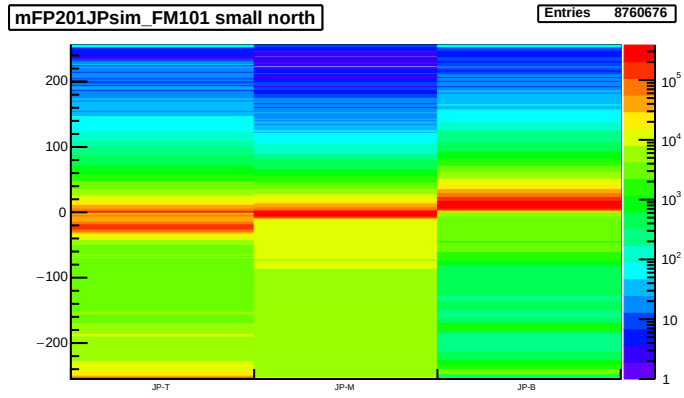
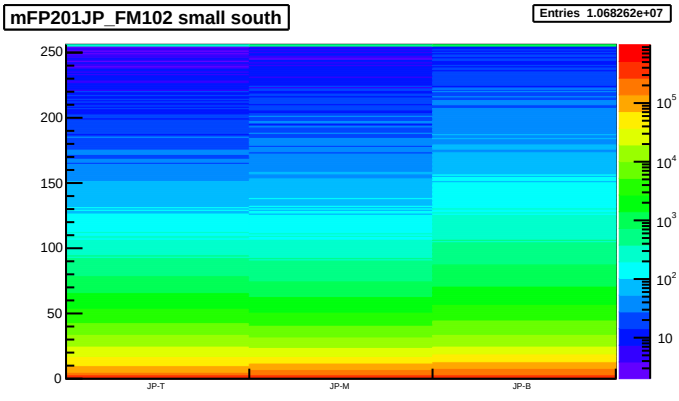
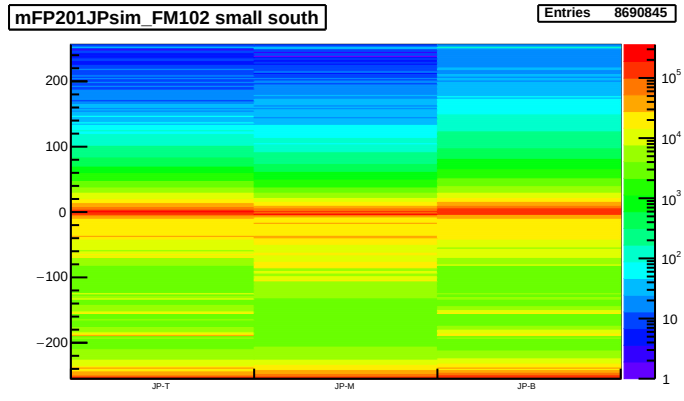
0
844
18720
32195
4596
822
3.56003e+06
3.54216e+06
3.52868e+06
3.55628e+06
3.56005e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3

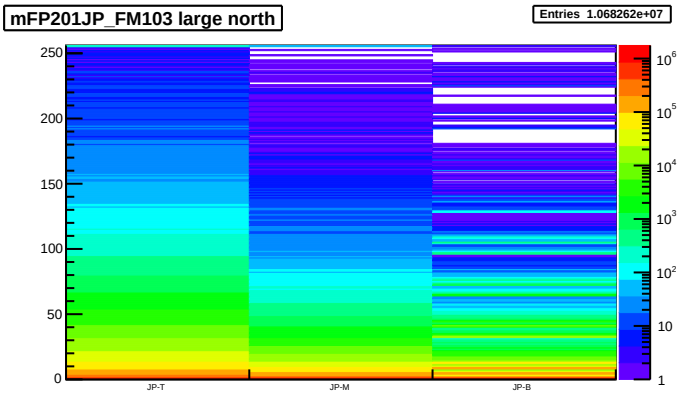

mFP201BSsim_FM104 large south
Entries 6665057
1
0
-1
219
5788
17890
1015
567
1.59345e+06
1.58587e+06
789015
1.96134e+06
709906
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

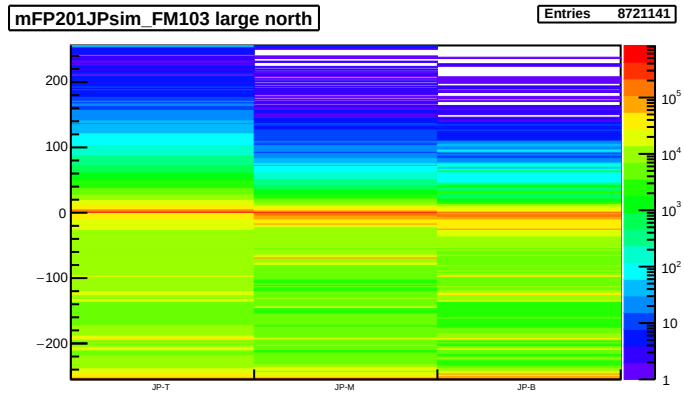

mFP201JP_FM101 small north
Entries 1.068262e+07
JP-T
JP-M
JP-B

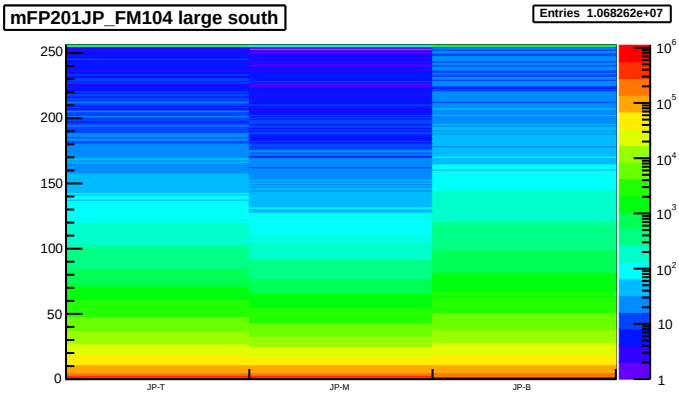

mFP201JPsim_FM101 small north
Entries 8760676
JP-T
JP-M
JP-B

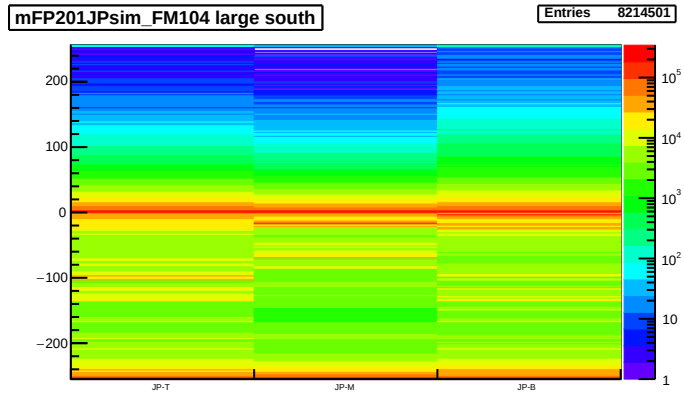

mFP201JP_FM102 small south
Entries 1.068262e+07
JP-T
JP-M
JP-B

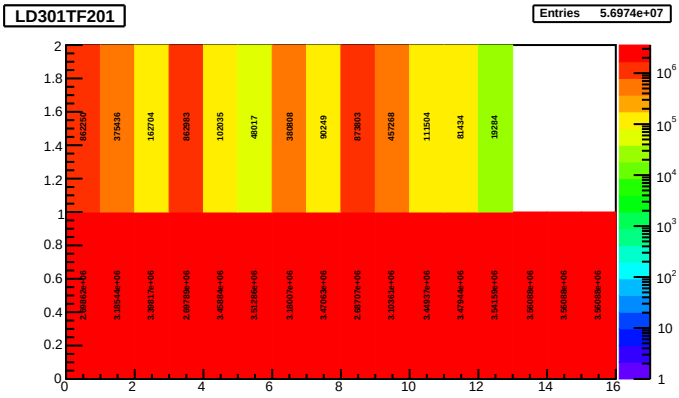

mFP201JPsim_FM102 small south
Entries 8690845
JP-T
JP-M
JP-B

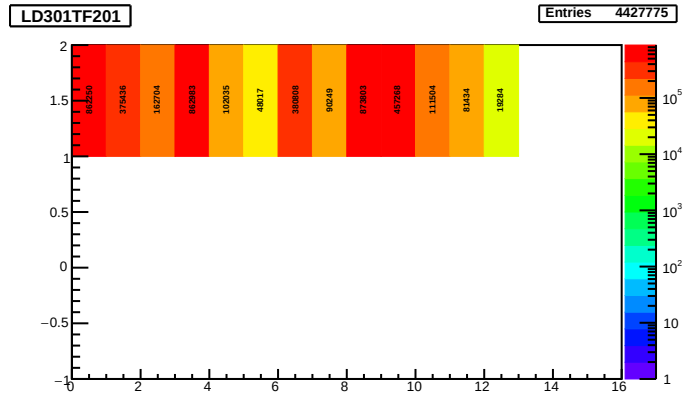

mFP201JP_FM103 large north
Entries 1.068262e+07
JP-T
JP-M
JP-B

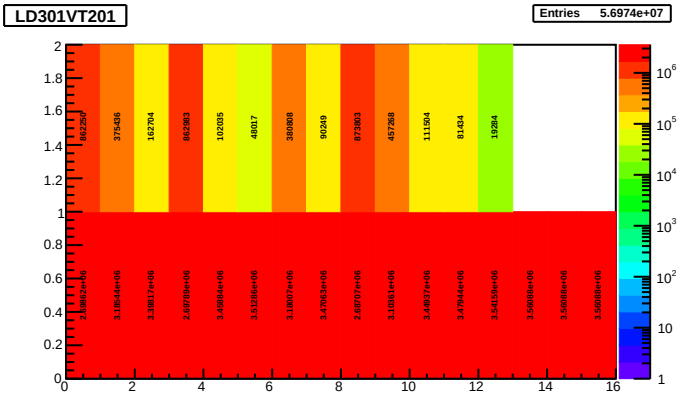

mFP201JPsim_FM103 large north
Entries 8721141
JP-T
JP-M
JP-B

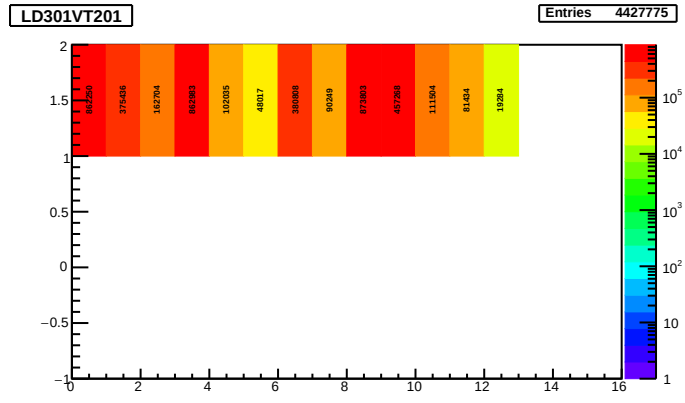

mFP201JP_FM104 large south
Entries 1.068262e+07
JP-T
JP-M
JP-B

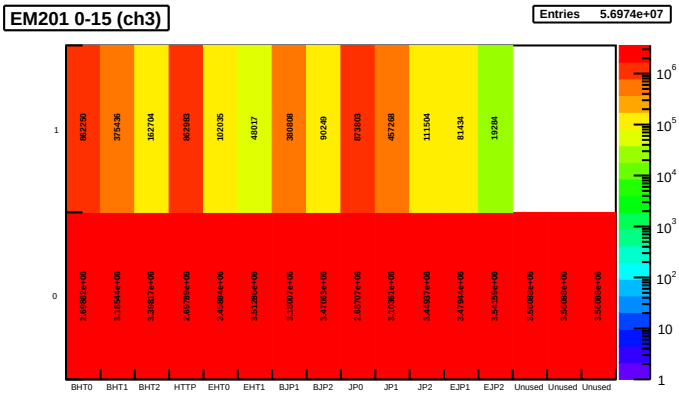

mFP201JPsim_FM104 large south
Entries 8214501
JP-T
JP-M
JP-B

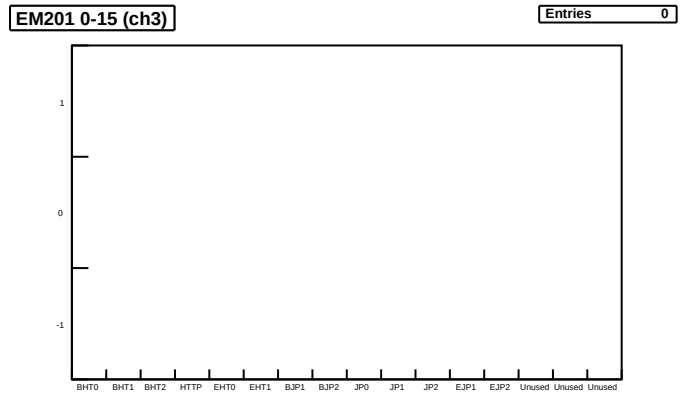

LD301TF201
Entries 5.6974e+07


LD301TF201
Entries 4427775


LD301VT201
Entries 5.6974e+07


LD301VT201
Entries 4427775


EM201 0-15 (ch3)
Entries 5.6974e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
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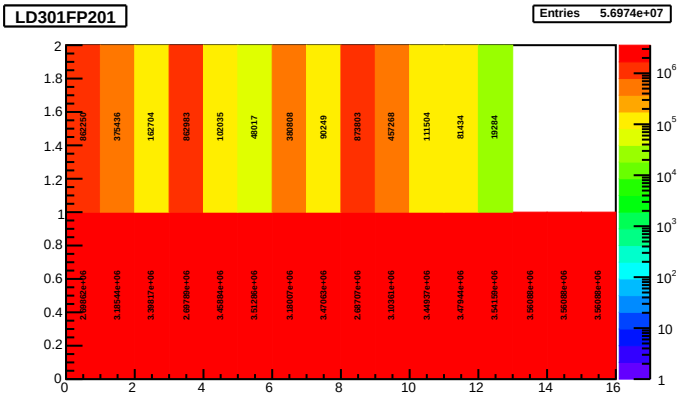
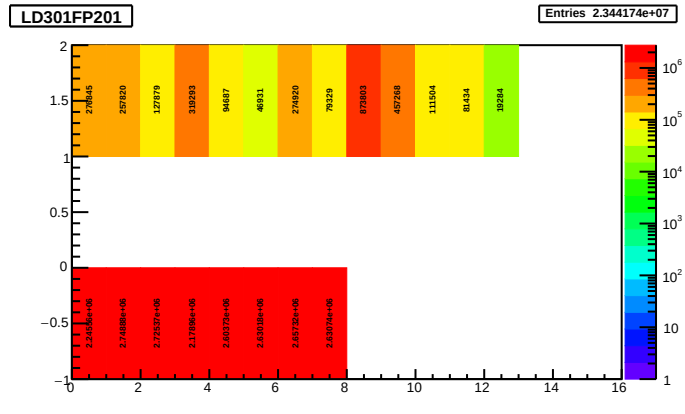

LD301FP201
Entries 5.6974e+07


LD301FP201
Entries 2.344174e+07