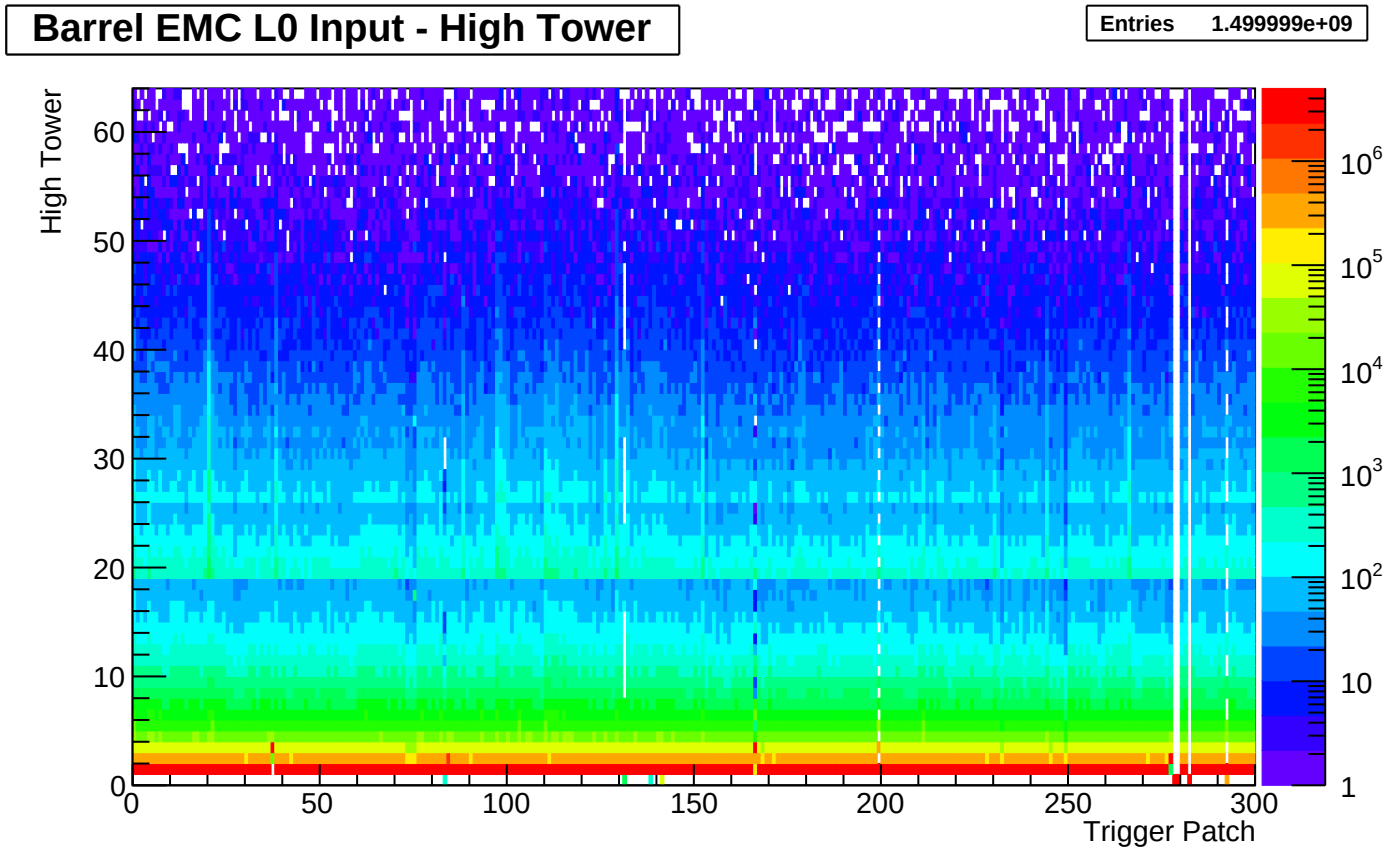
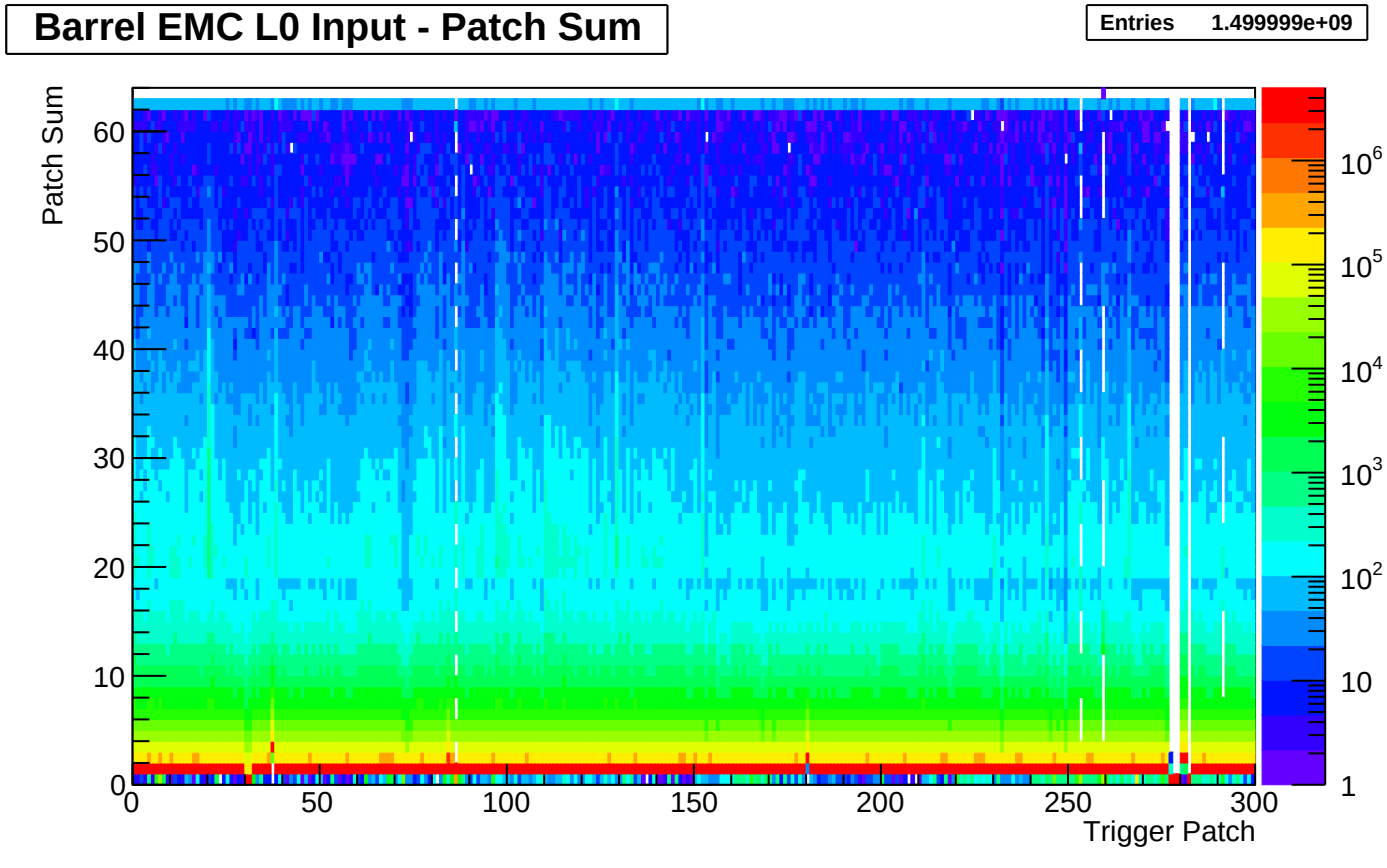
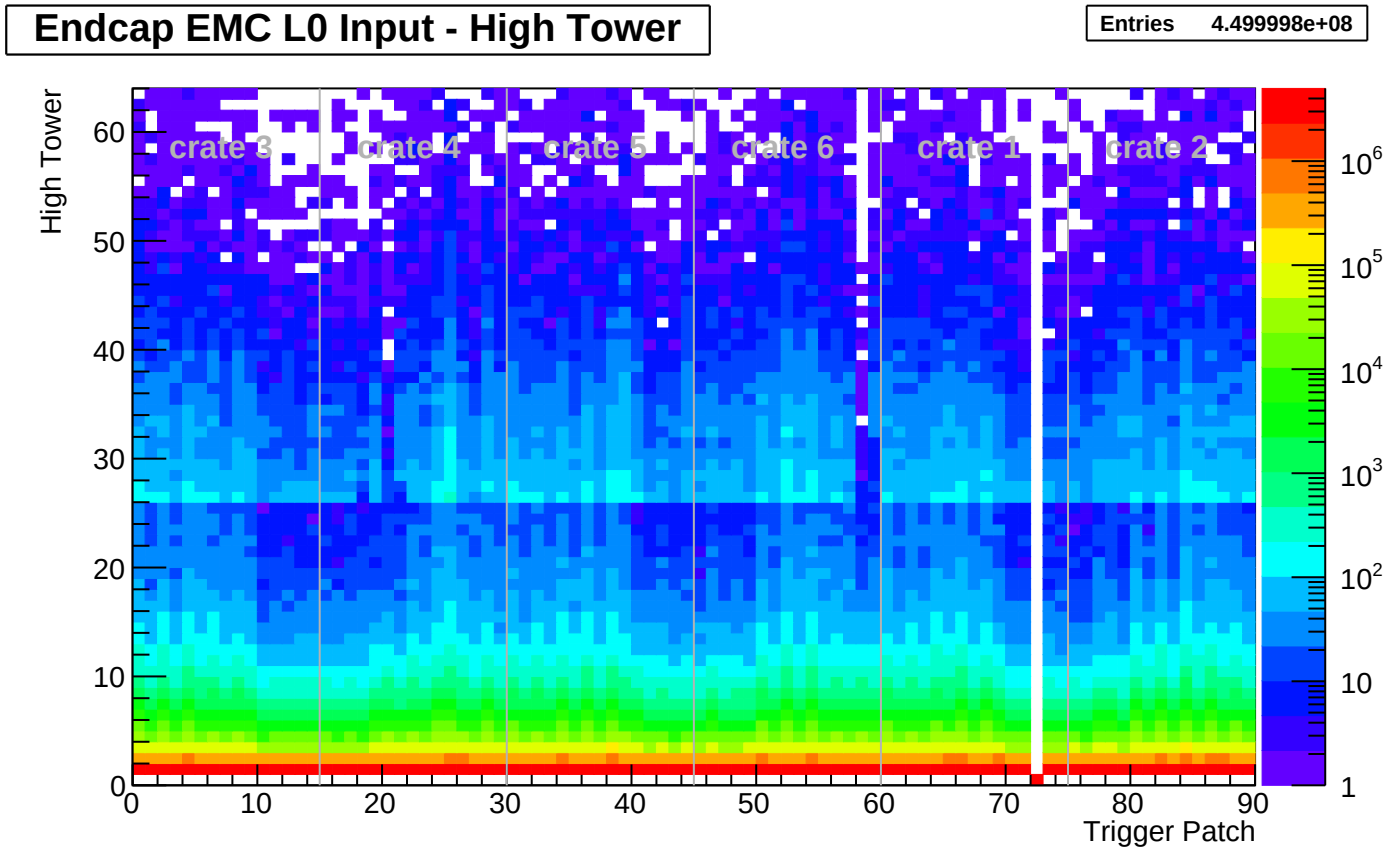
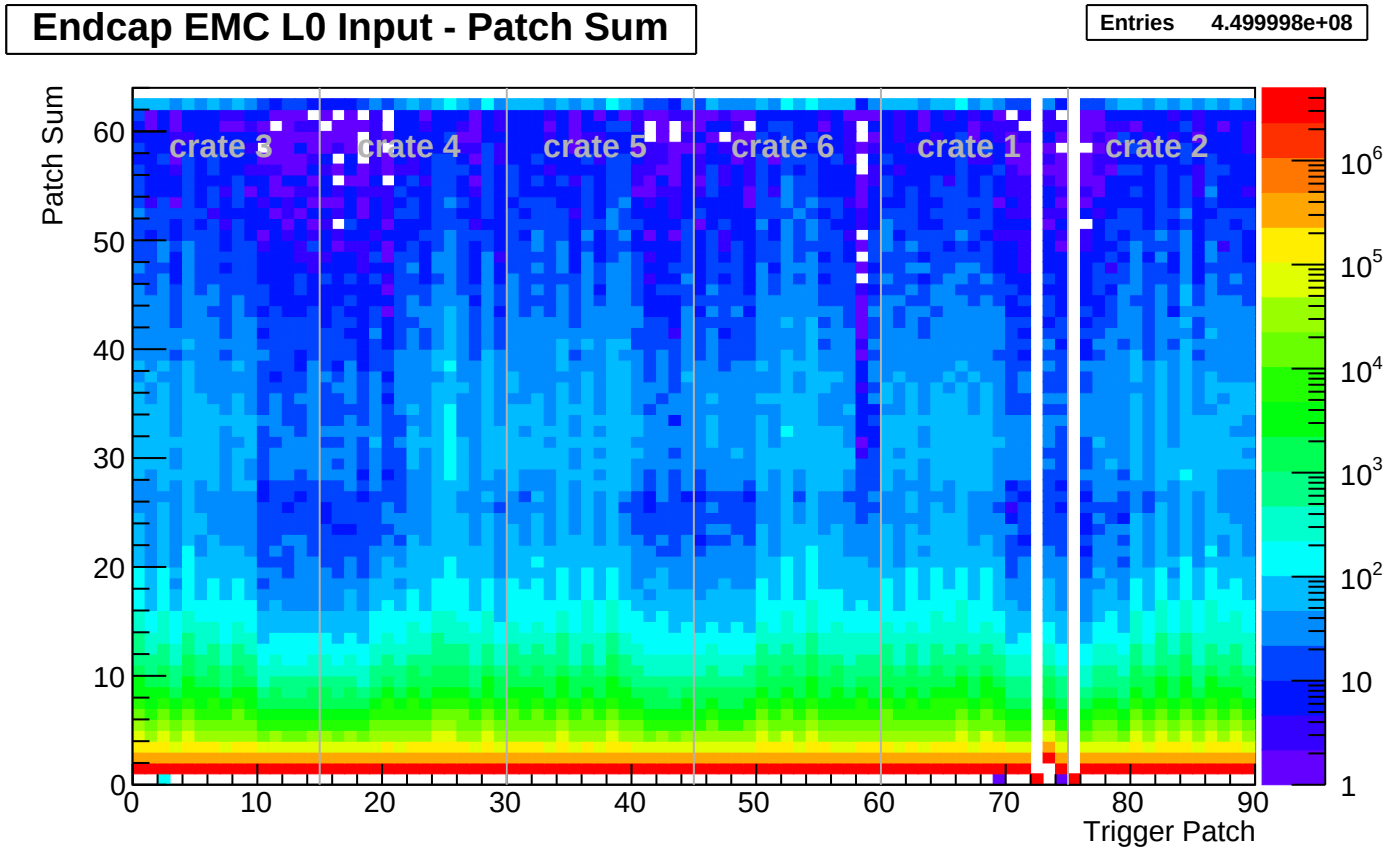
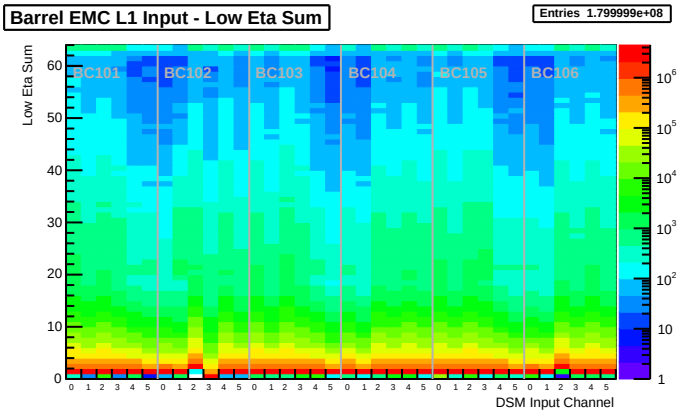
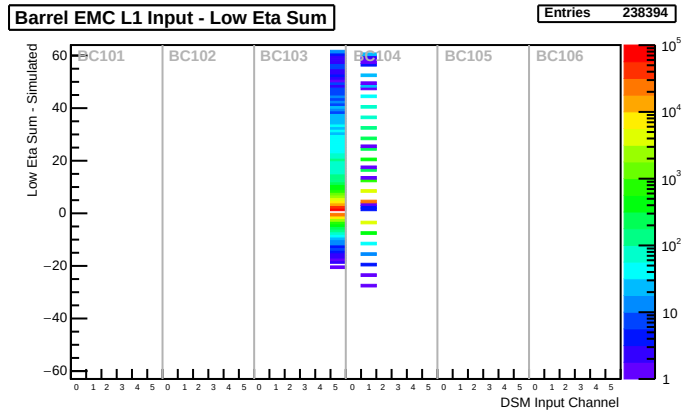

Barrel EMC L0 Input - High Tower
Entries 1.499999e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

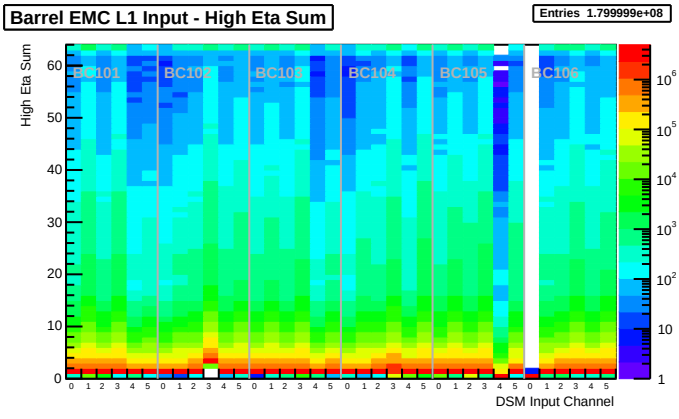

Barrel EMC L0 Input - Patch Sum
Entries 1.499999e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

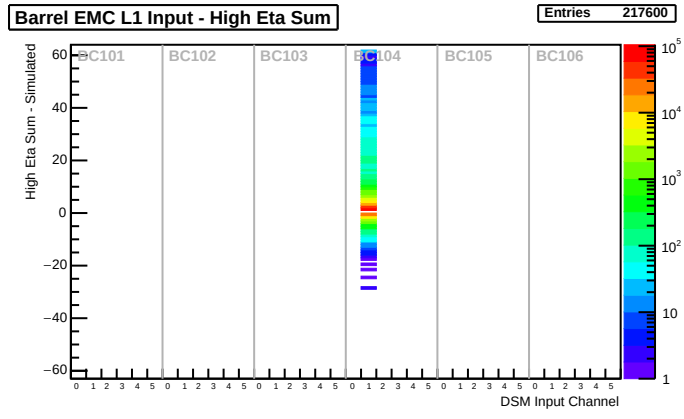

Endcap EMC L0 Input - High Tower
Entries 4.499998e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

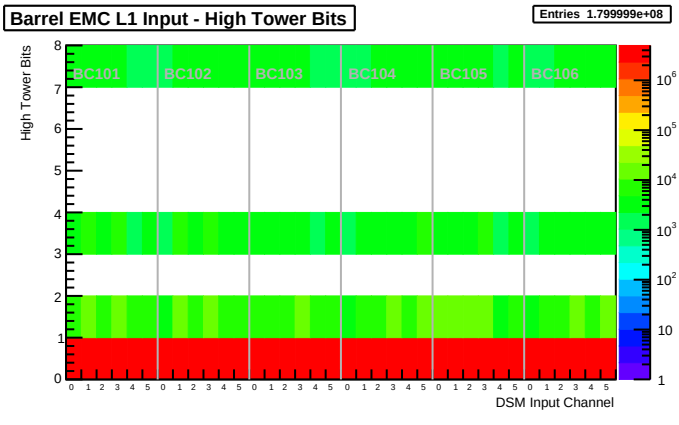

Endcap EMC L0 Input - Patch Sum
Entries 4.499998e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

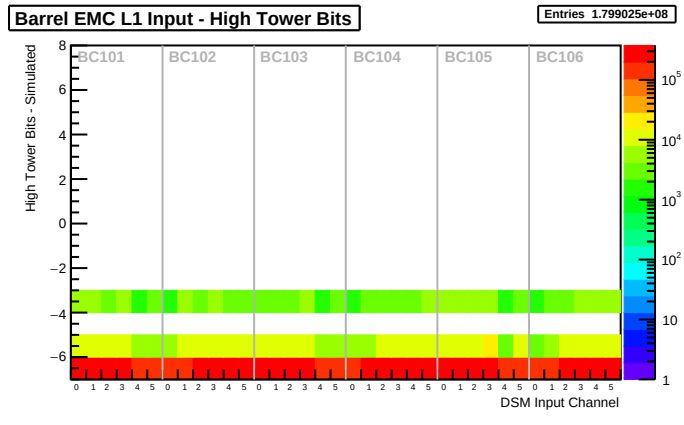

Barrel EMC L1 Input - Low Eta Sum
Entries 1.799999e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

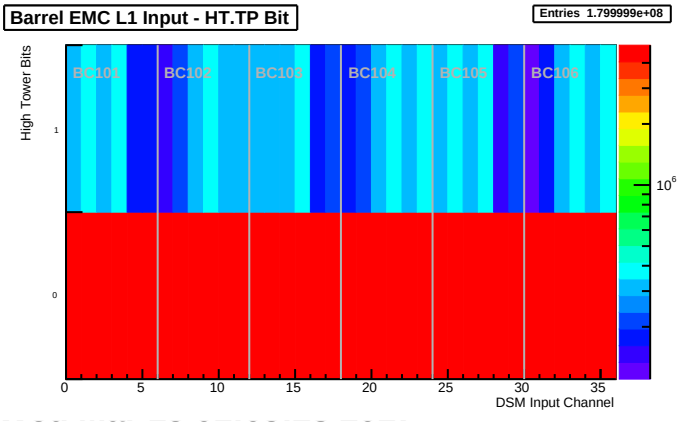

Barrel EMC L1 Input - Low Eta Sum
Entries 238394
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

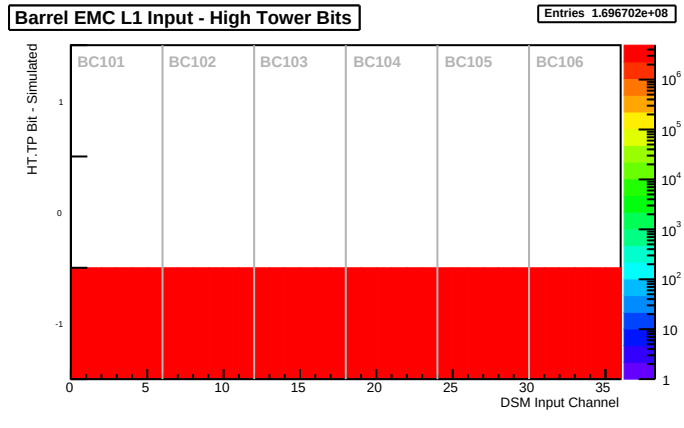

Barrel EMC L1 Input - High Eta Sum
Entries 1.799999e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

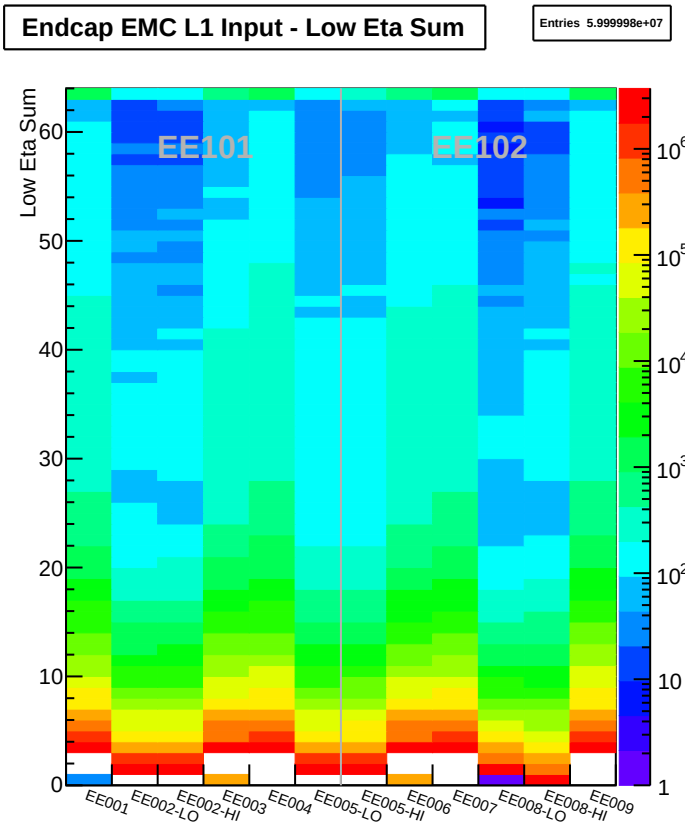

Barrel EMC L1 Input - High Eta Sum
Entries 217600
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

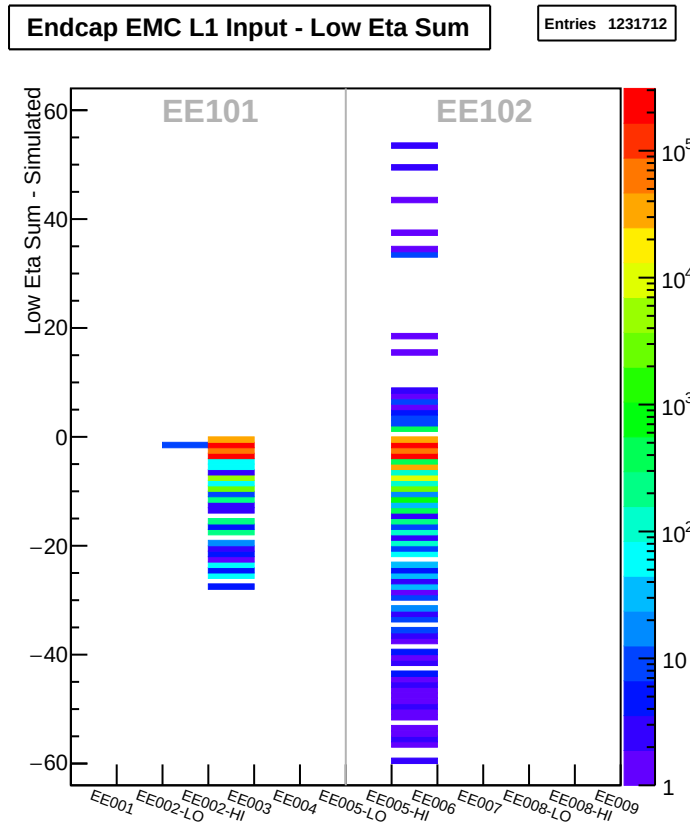

Barrel EMC L1 Input - High Tower Bits
Entries 1.799999e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

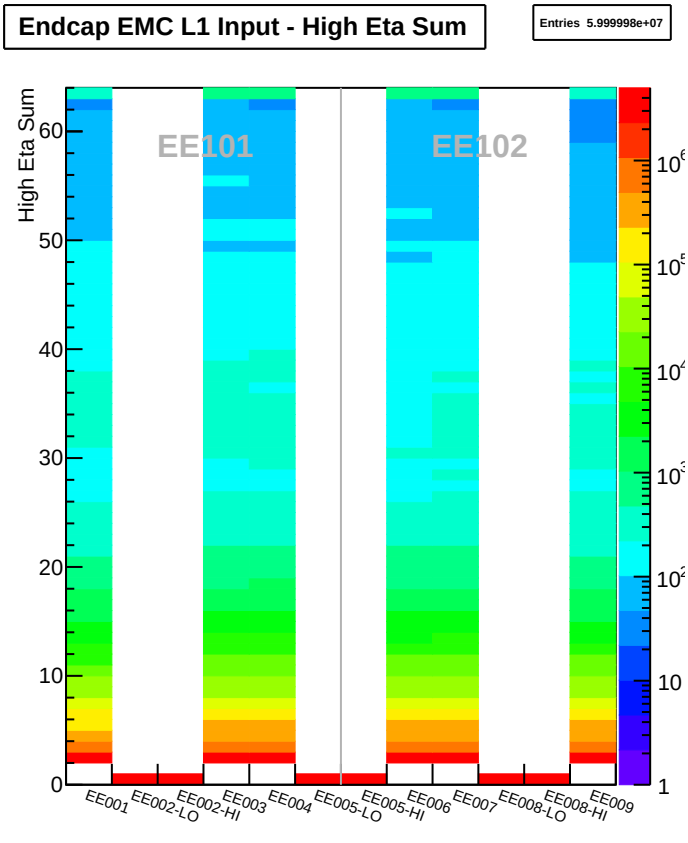

Barrel EMC L1 Input - High Tower Bits
Entries 1.799025e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

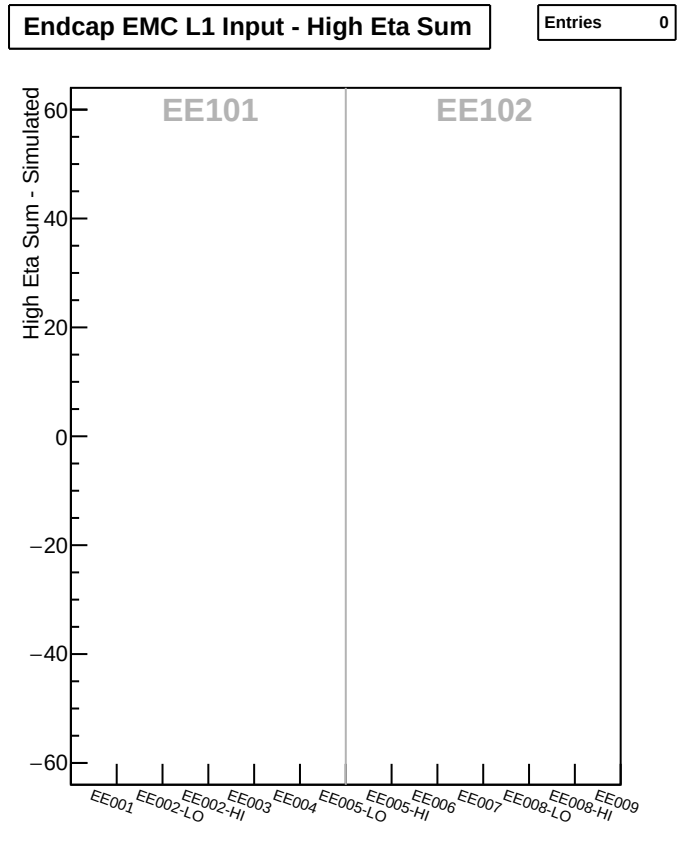

Barrel EMC L1 Input - HT.TP Bit
Entries 1.799999e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

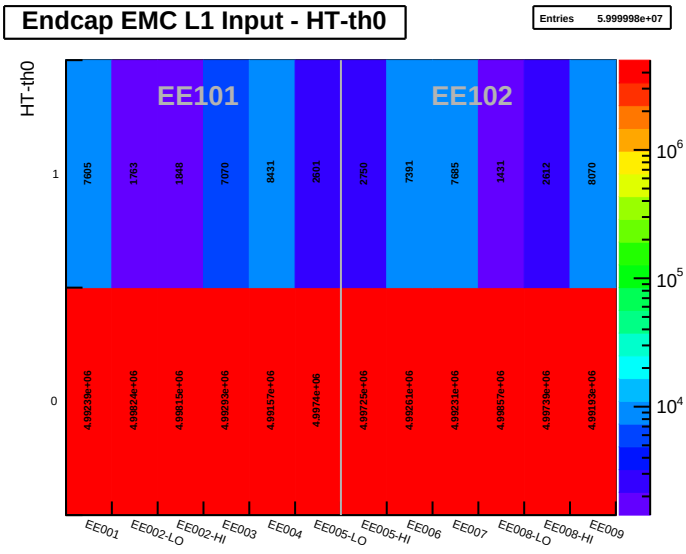

Barrel EMC L1 Input - High Tower Bits
Entries 1.696702e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

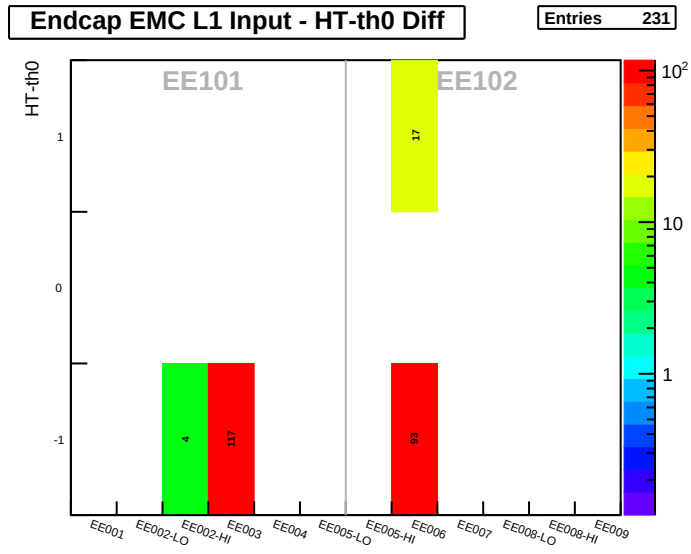

Endcap EMC L1 Input - Low Eta Sum
Entries 5.999998e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

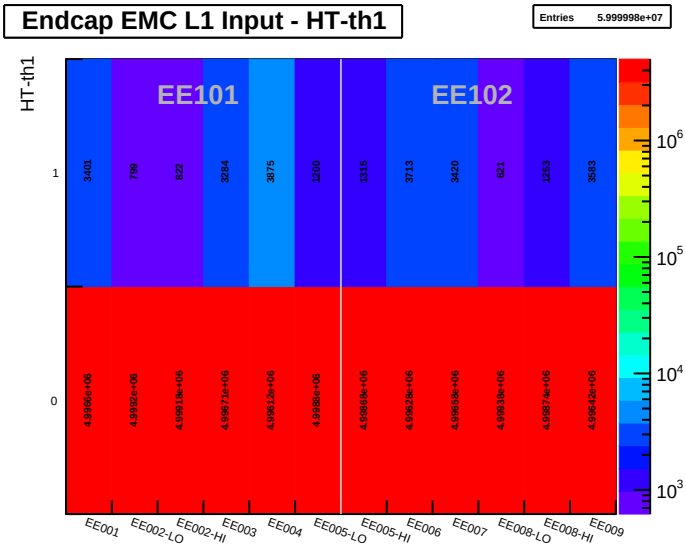

Endcap EMC L1 Input - Low Eta Sum
Entries 1231712
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

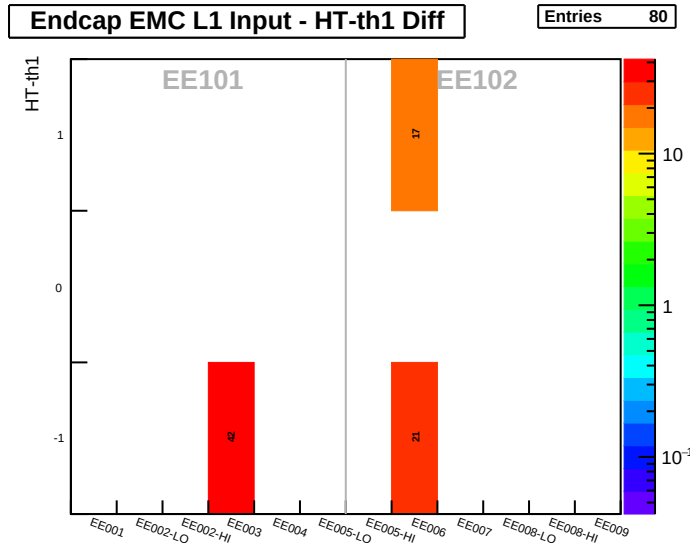

Endcap EMC L1 Input - High Eta Sum
Entries 5.999998e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

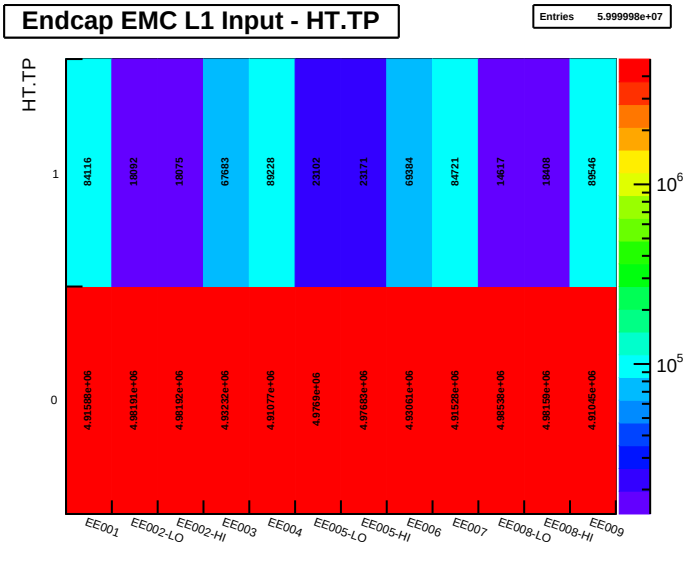

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

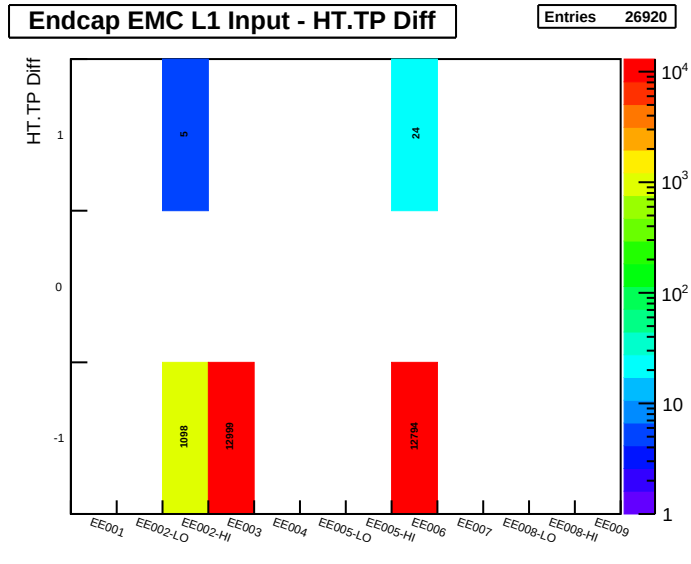

Endcap EMC L1 Input - HT-th0
Entries 5.999998e+07
HT-th0
EE101
EE102
7605 1763 1848 7070 8431 2601 2750 7391 7685 1431 2612 8070
4.99239e+06 4.99824e+06 4.99815e+06 4.99299e+06 4.99157e+06 4.9974e+06 4.99725e+06 4.99261e+06 4.99231e+06 4.99057e+06 4.99739e+06 4.99193e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

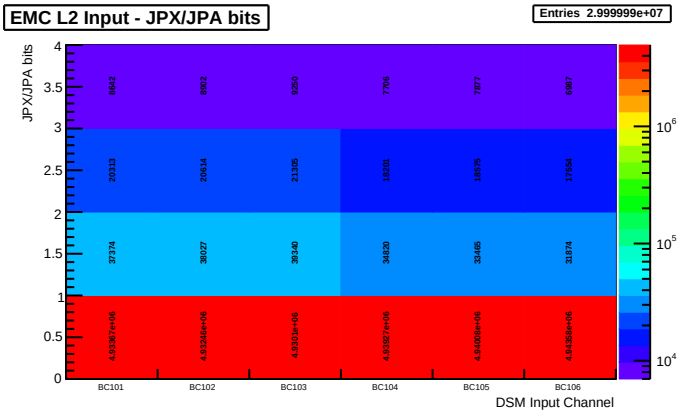

Endcap EMC L1 Input - HT-th0 Diff
Entries 231
HT-th0
EE101
EE102
17
4 117 93
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

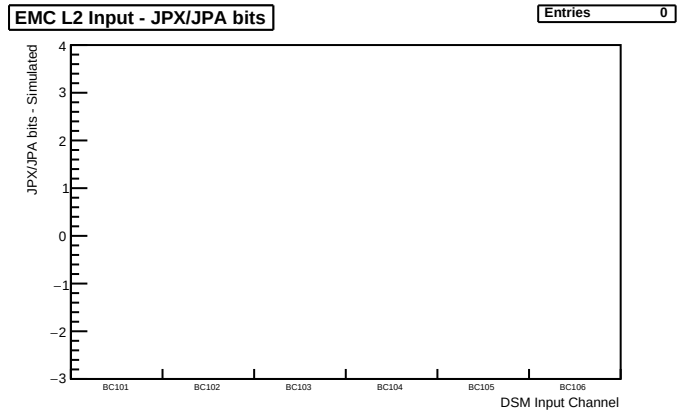

Endcap EMC L1 Input - HT-th1
Entries 5.999998e+07
HT-th1
EE101
EE102
3401 799 822 3284 3875 1200 1315 3713 3420 621 1253 3583
4.99966e+06 4.99922e+06 4.99918e+06 4.99671e+06 4.99612e+06 4.9988e+06 4.99868e+06 4.99628e+06 4.99659e+06 4.99038e+06 4.99874e+06 4.99642e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

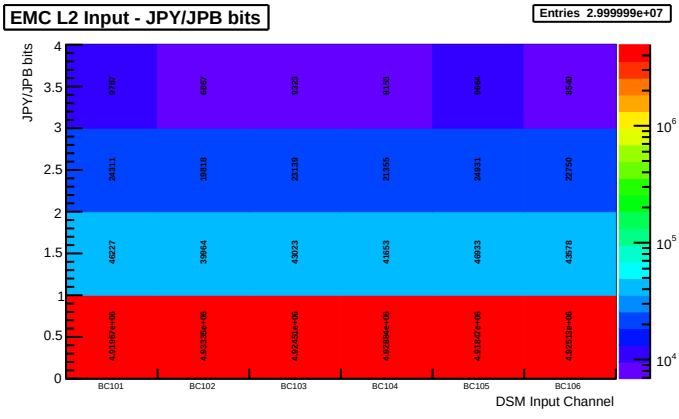

Endcap EMC L1 Input - HT-th1 Diff
Entries 80
HT-th1
EE101
EE102
17
42 21
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

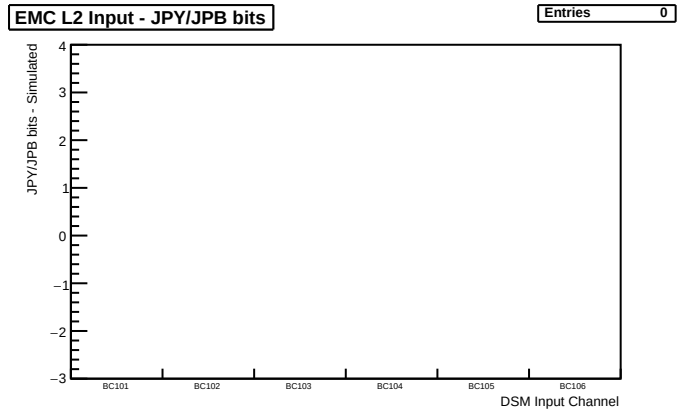

Endcap EMC L1 Input - HT.TP
Entries 5.999998e+07
HT.TP
84116 18092 18075 67683 89228 23102 23171 69384 84721 14617 18408 89546
4.91588e+06 4.98191e+06 4.98192e+06 4.93232e+06 4.91077e+06 4.9769e+06 4.97683e+06 4.93061e+06 4.91528e+06 4.98538e+06 4.98159e+06 4.91045e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

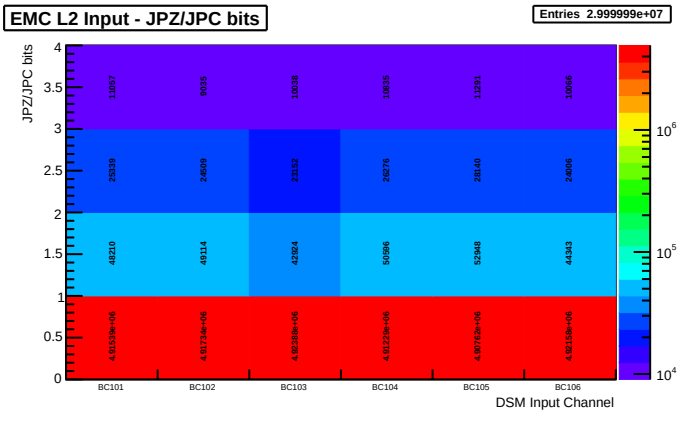

Endcap EMC L1 Input - HT.TP Diff
Entries 26920
HT.TP Diff
5
24
1098 12999
12794
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

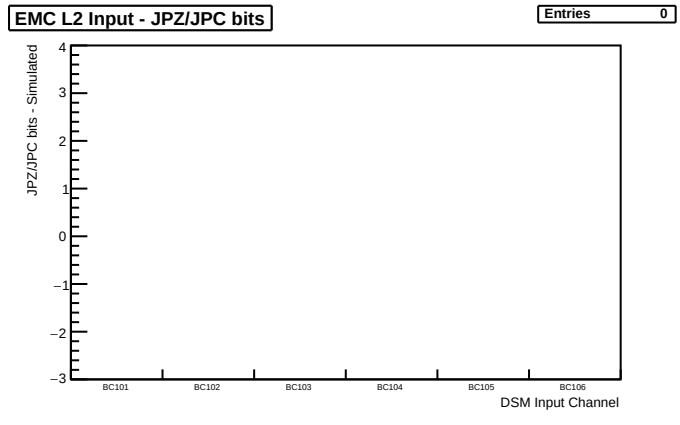

EMC L2 Input - JPX/JPA bits
Entries 2.999999e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

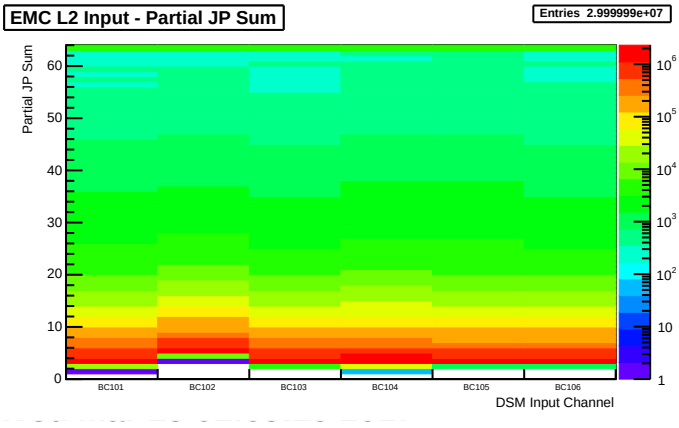

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

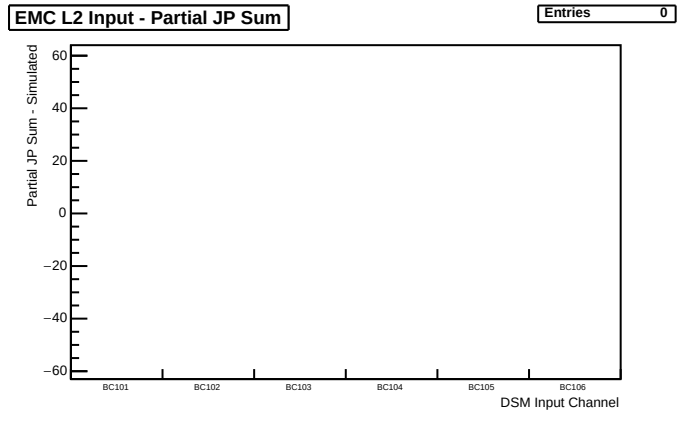

EMC L2 Input - JPY/JPB bits
Entries 2.999999e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

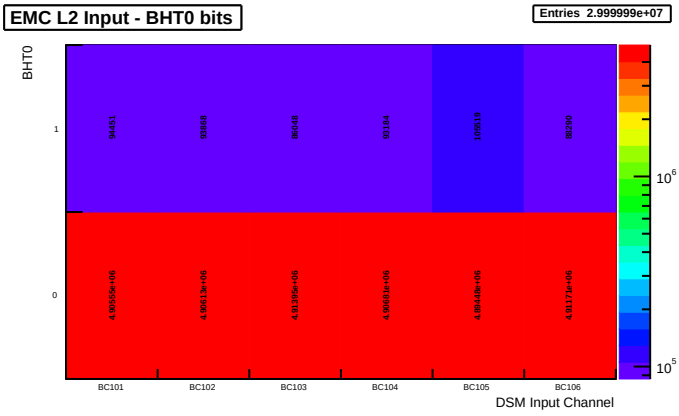

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

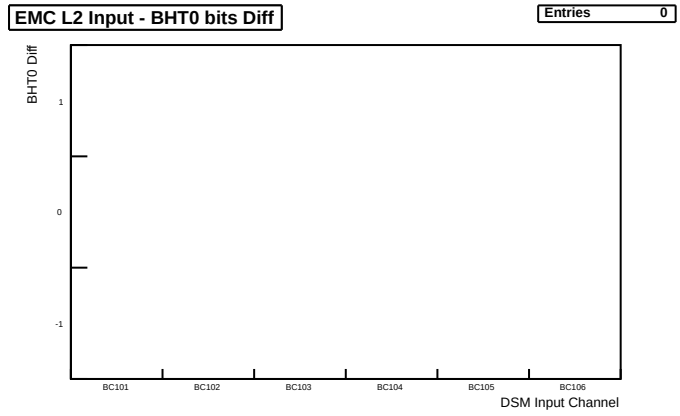

EMC L2 Input - JPZ/JPC bits
Entries 2.999999e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

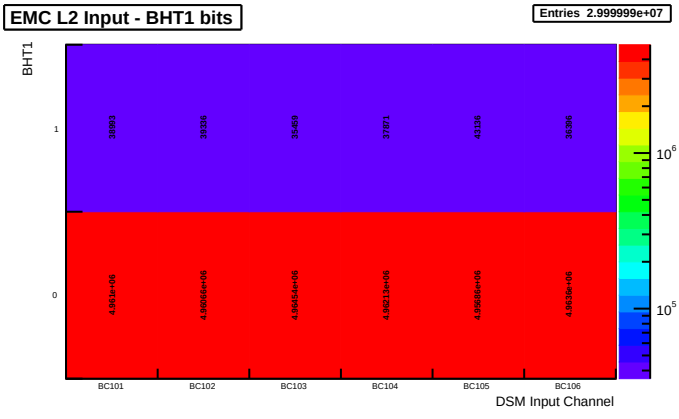

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

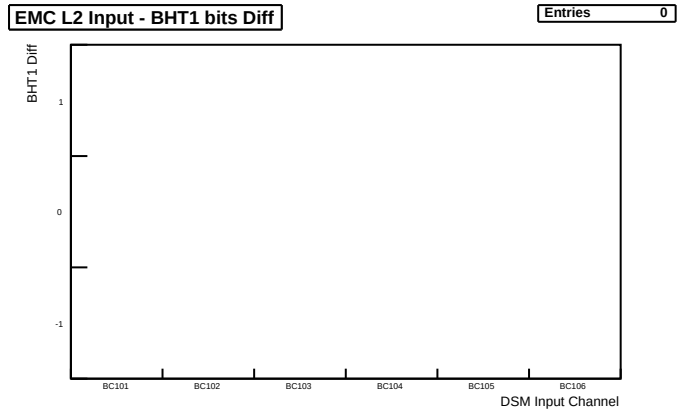

EMC L2 Input - Partial JP Sum
Entries 2.999999e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

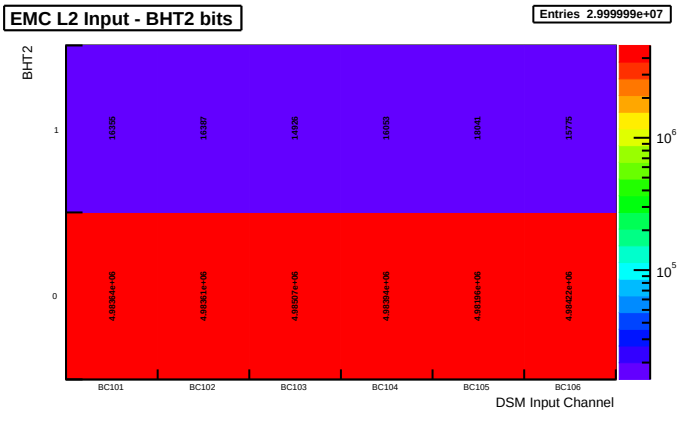

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

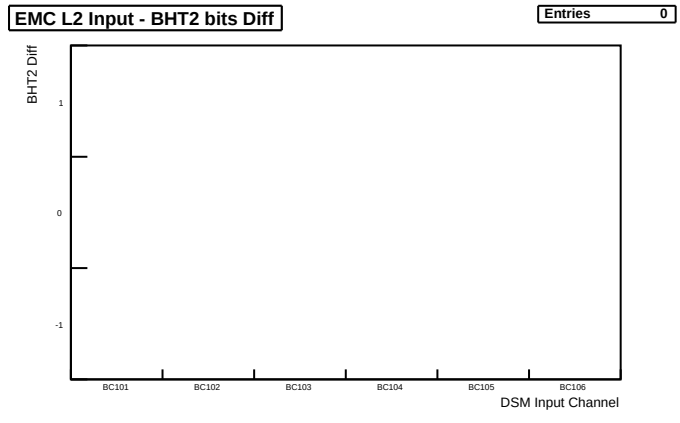

EMC L2 Input - BHT0 bits
Entries 2.999999e+07
BHT0
1
0
94451
93868
96048
93184
105519
88200
4.95559e+06
4.96013e+06
4.91395e+06
4.96681e+06
4.89448e+06
4.91171e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

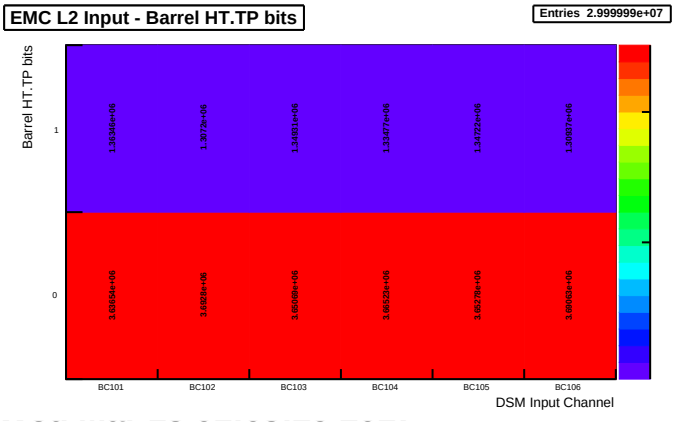

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

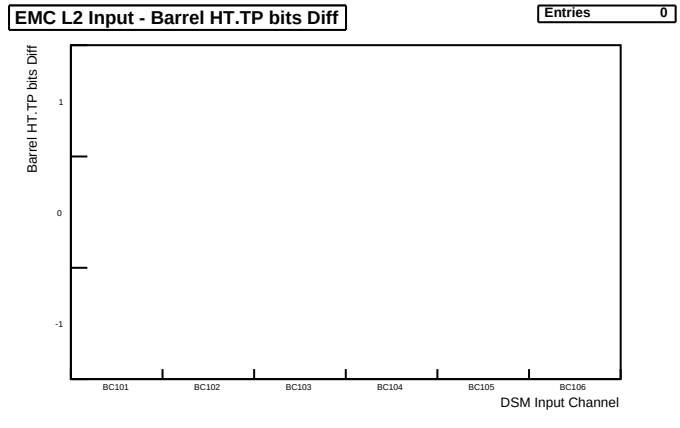

EMC L2 Input - BHT1 bits
Entries 2.999999e+07
BHT1
1
0
33893
33036
35459
37971
43136
35386
4.951e+06
4.96866e+06
4.96454e+06
4.96213e+06
4.99586e+06
4.96356e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

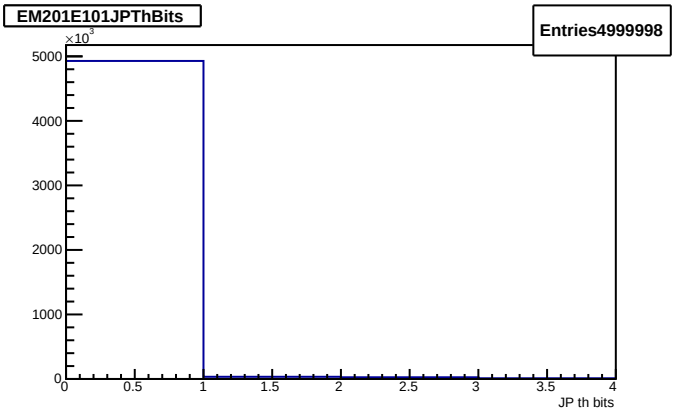

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

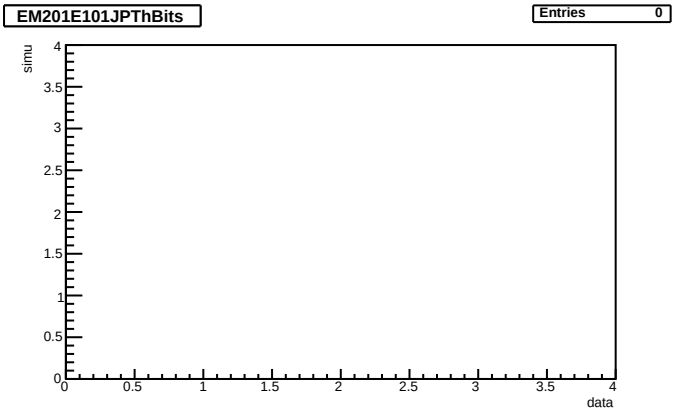

EMC L2 Input - BHT2 bits
Entries 2.999999e+07
BHT2
1
0
16355
16337
14926
16053
16941
15775
4.98364e+06
4.98381e+06
4.98507e+06
4.98394e+06
4.98196e+06
4.98422e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

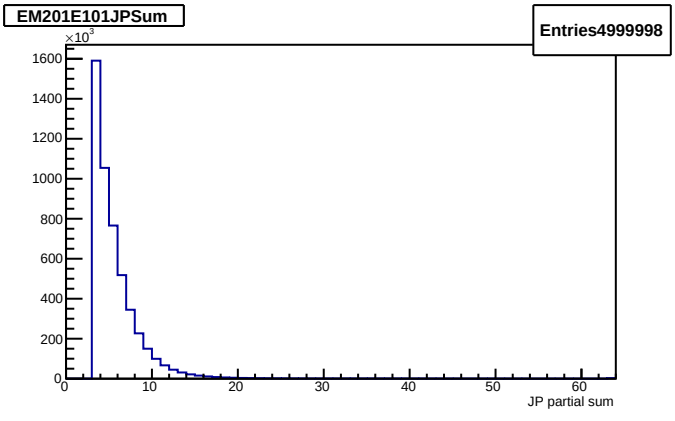

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

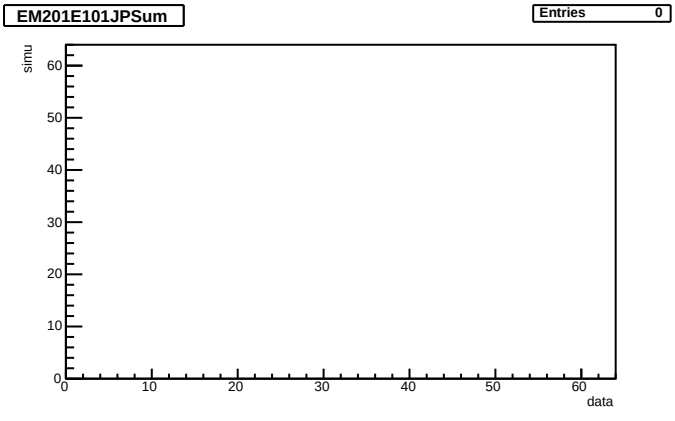

EMC L2 Input - Barrel HT.TP bits
Entries 2.999999e+07
Barrel HT.TP bits
1
0
1.36346e+06
1.3072e+06
1.34631e+06
1.33477e+06
1.34722e+06
1.30037e+06
3.63254e+06
3.6928e+06
3.65069e+06
3.66525e+06
3.65279e+06
3.69053e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

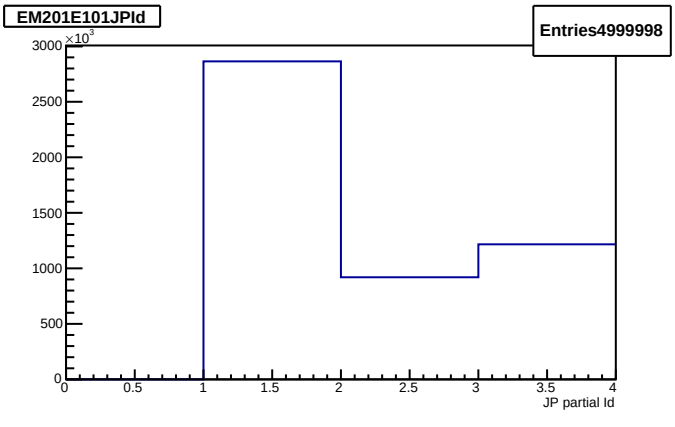

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

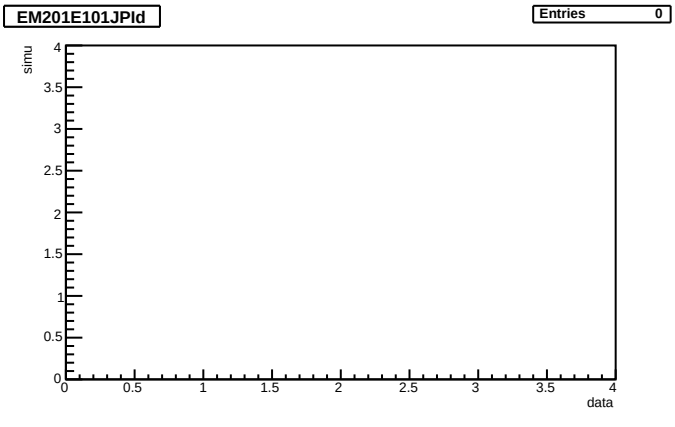

EM201E101JPThBits
Entries4999998
×10^3
JP th bits

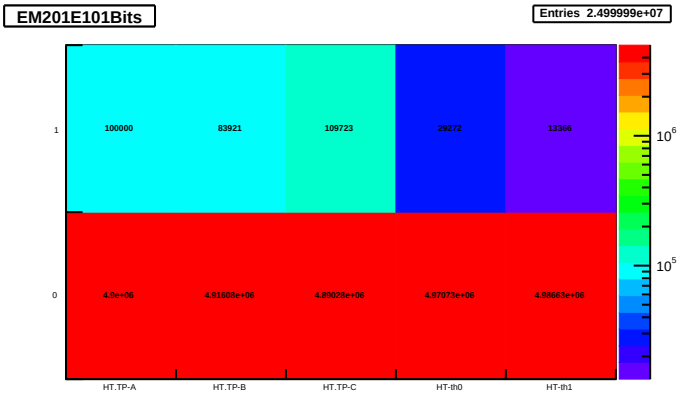

EM201E101JPThBits
Entries 0
simu
data

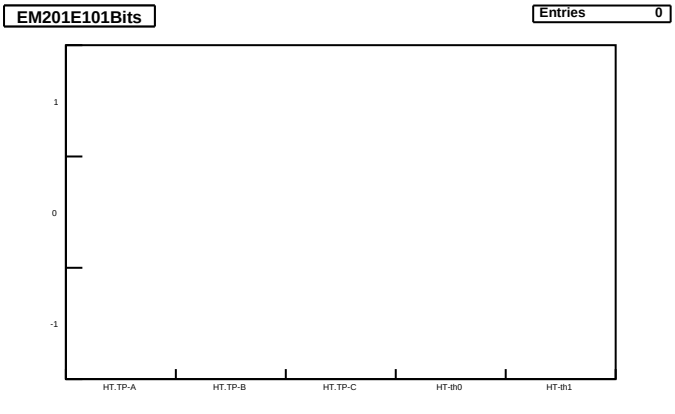

EM201E101JPSum
Entries4999998
×10^3
JP partial sum

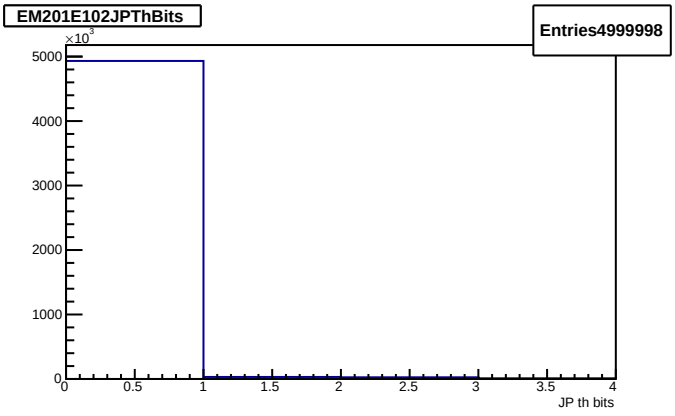

EM201E101JPSum
Entries 0
simu
data

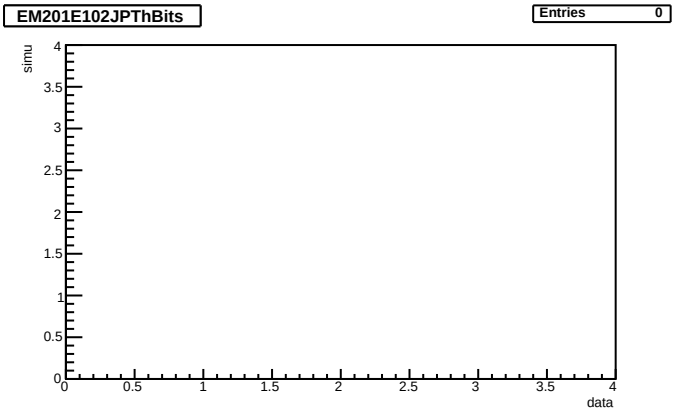

EM201E101JPId
Entries4999998
×10^3
JP partial Id

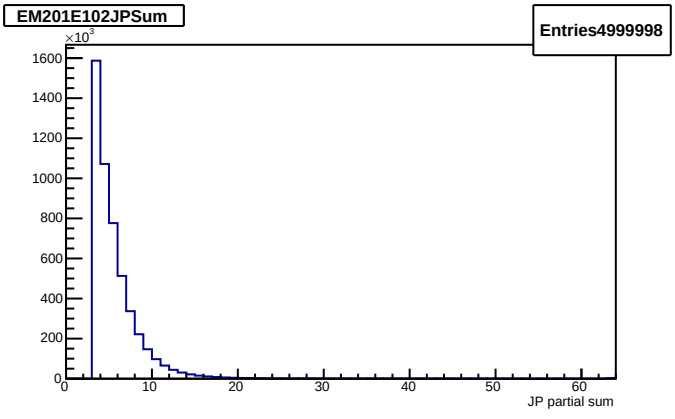

EM201E101JPId
Entries 0
simu
data

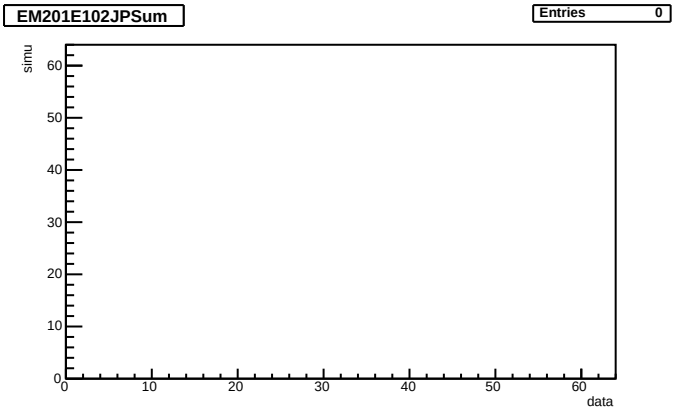

EM201E101Bits
Entries 2.499999e+07
100000
83921
109723
29272
13366
4.9e+06
4.91608e+06
4.89028e+06
4.97073e+06
4.98663e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

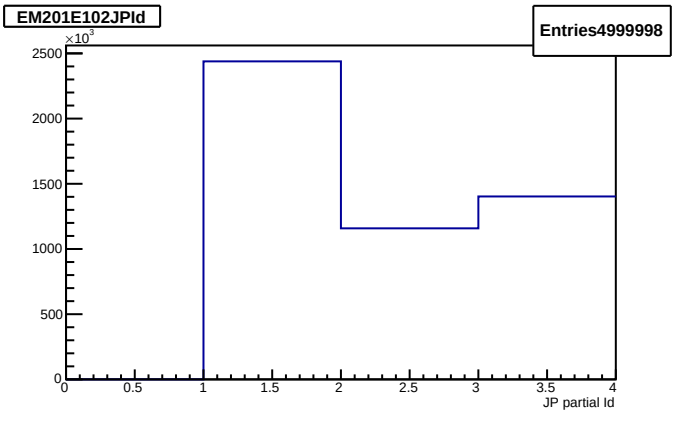

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

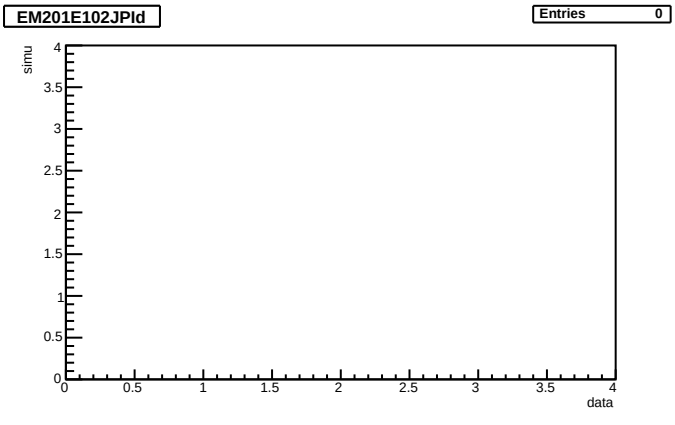

EM201E102JPThBits
Entries4999998
×10^3
JP th bits

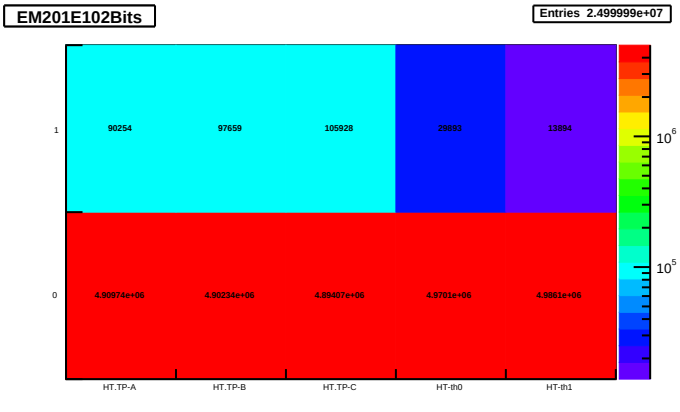

EM201E102JPThBits
Entries 0
simu
data

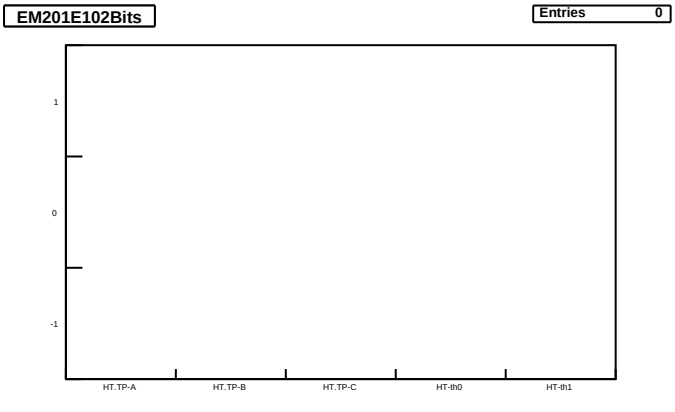

EM201E102JPSum
Entries4999998
×10^3
JP partial sum

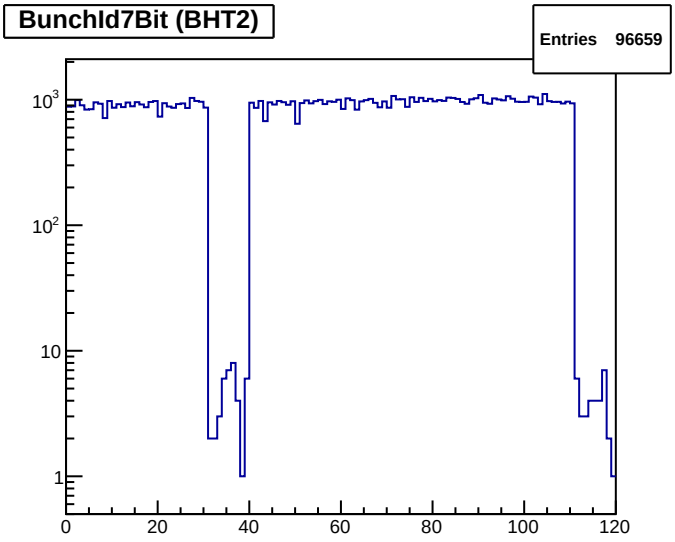

EM201E102JPSum
Entries 0
simu
data

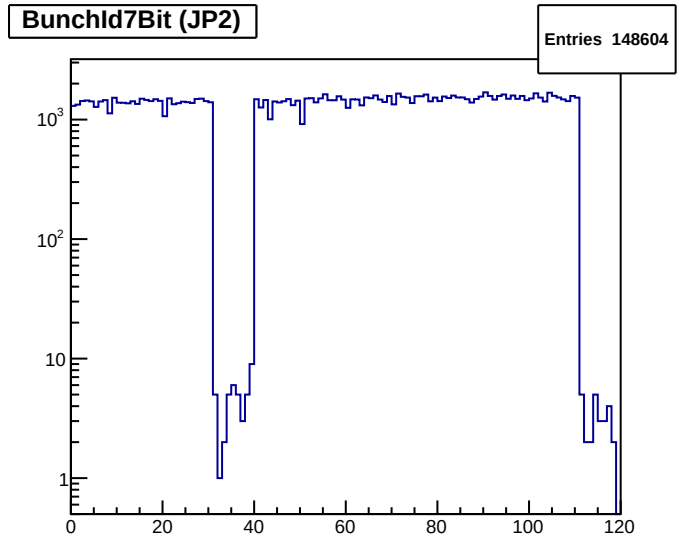

EM201E102JPId
Entries4999998
×10^3
JP partial Id

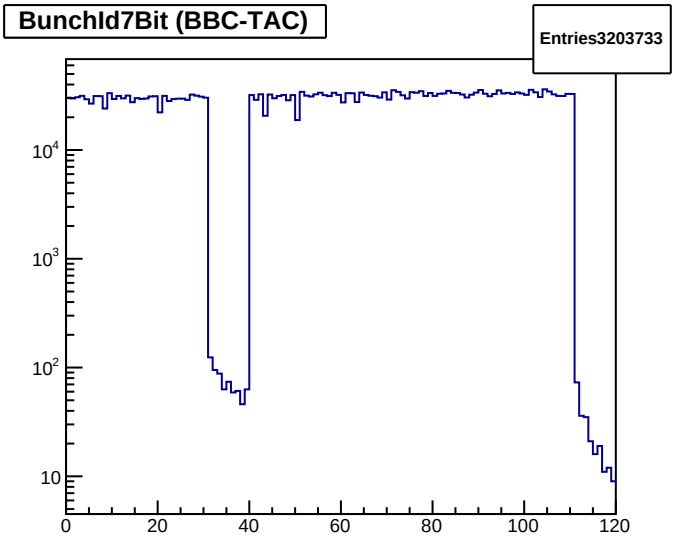

EM201E102JPId
Entries 0
simu
data

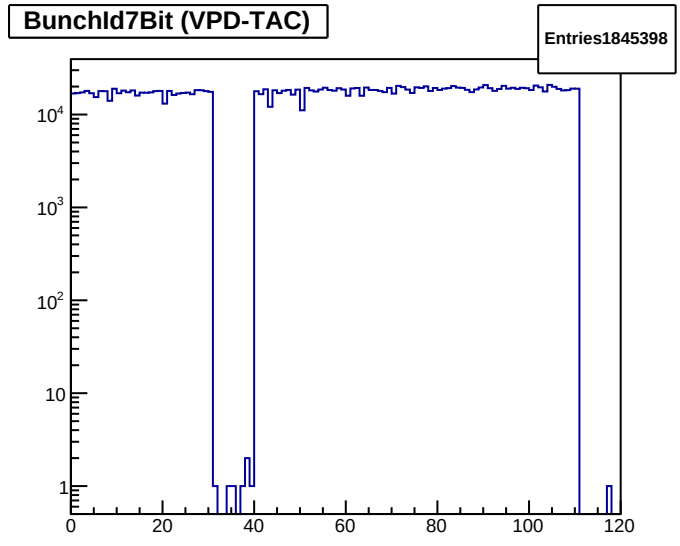

EM201E102Bits
Entries 2.499999e+07
90254
97659
105928
29893
13894
4.90974e+06
4.90234e+06
4.89407e+06
4.9701e+06
4.9861e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

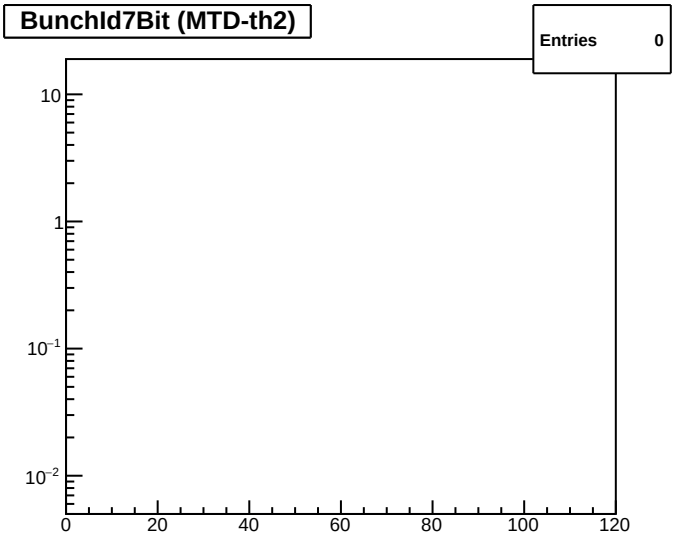

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

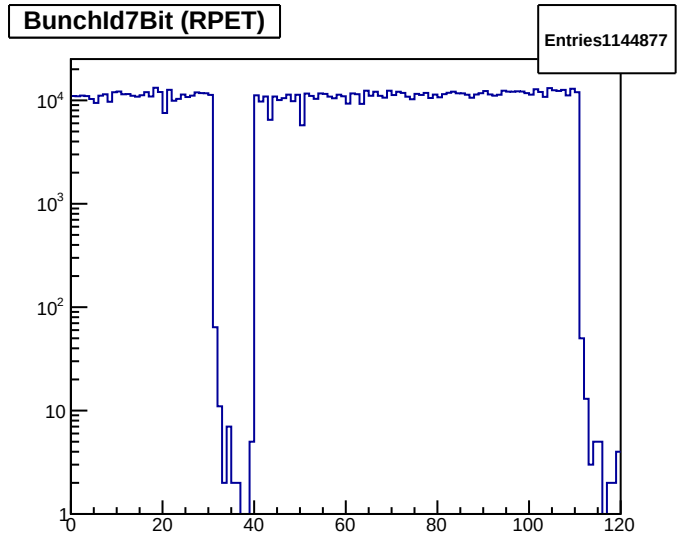

BunchId7Bit (BHT2)
Entries 96659

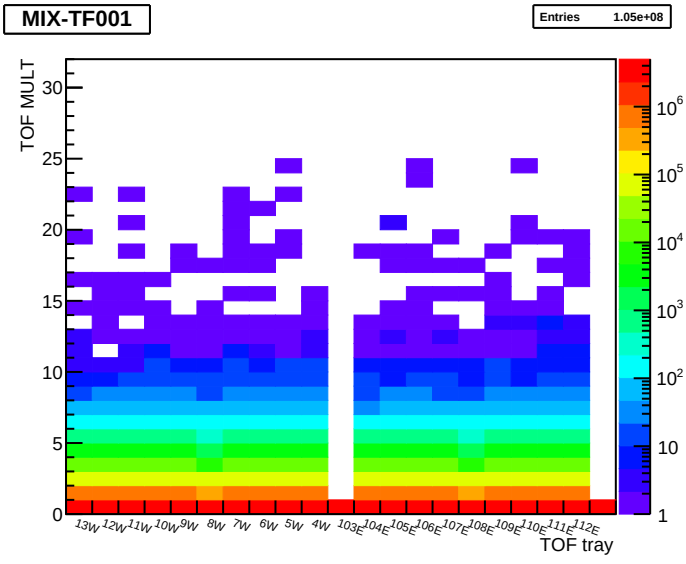

BunchId7Bit (JP2)
Entries 148604

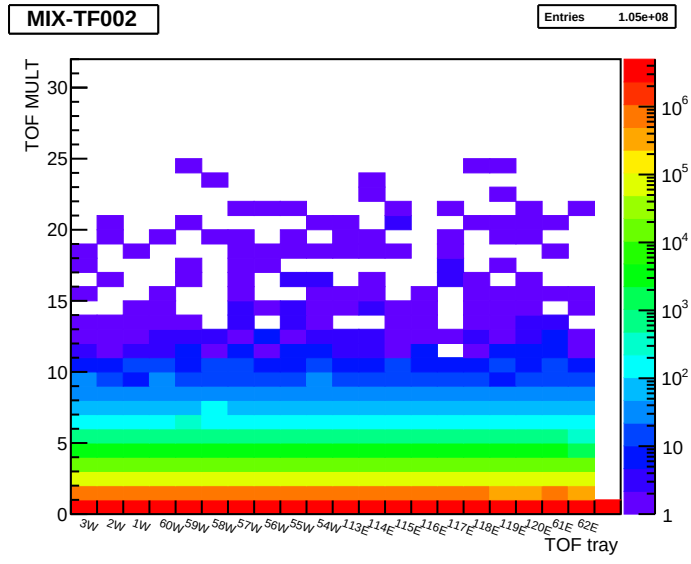

BunchId7Bit (BBC-TAC)
Entries3203733

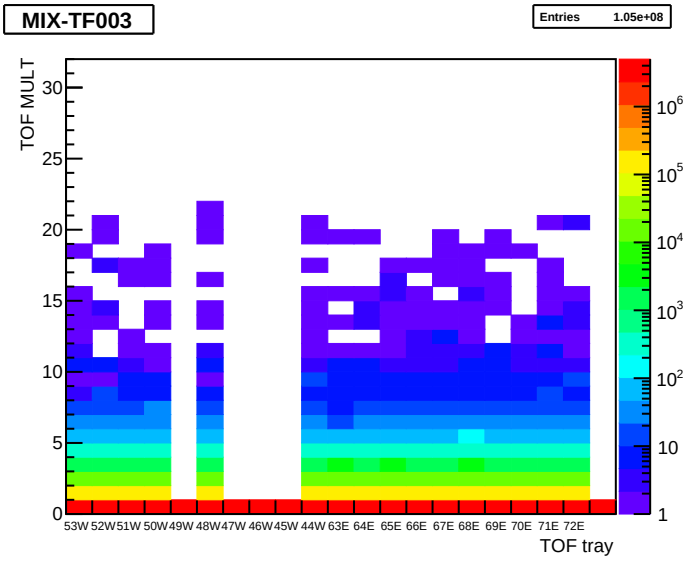

BunchId7Bit (VPD-TAC)
Entries1845398

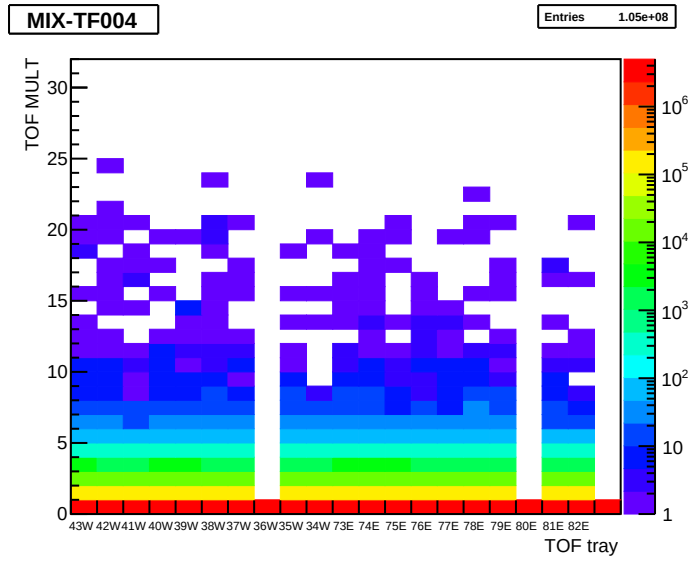

BunchId7Bit (MTD-th2)
Entries 0

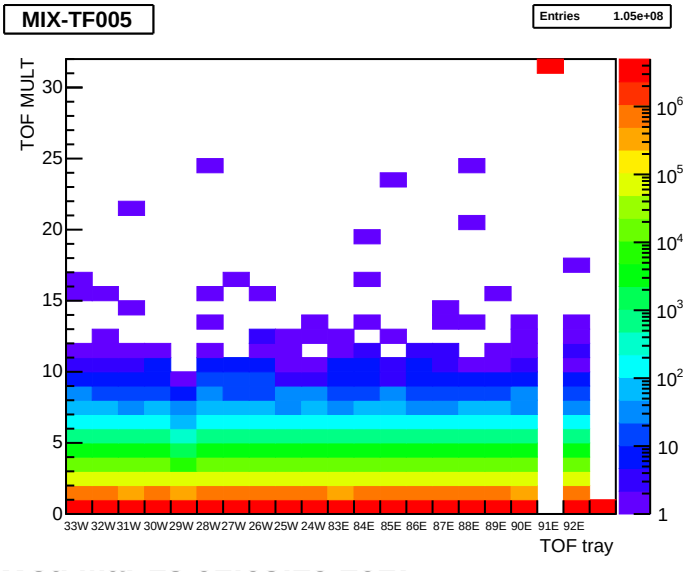

BunchId7Bit (RPET)
Entries1144877

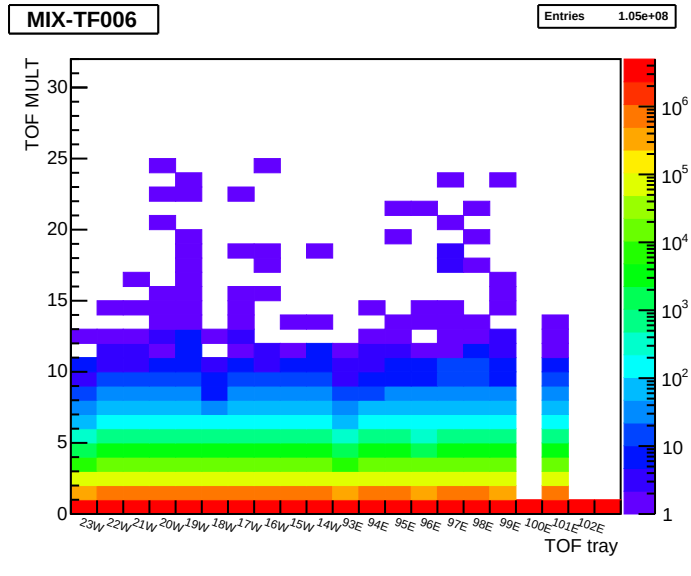

MIX-TF001
Entries 1.05e+08
TOF MULT
TOF tray

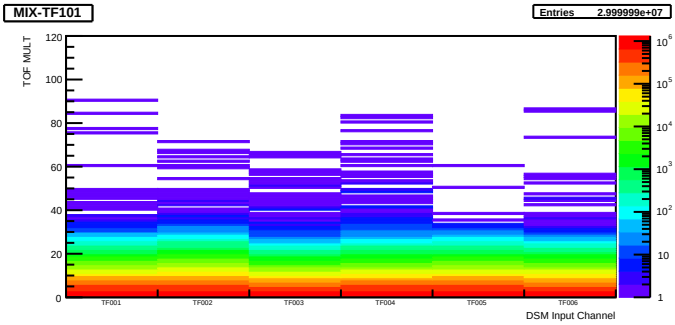

MIX-TF002
Entries 1.05e+08
TOF MULT
TOF tray

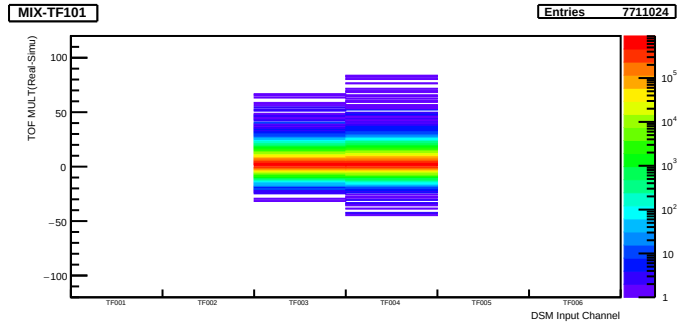

MIX-TF003
Entries 1.05e+08
TOF MULT
TOF tray

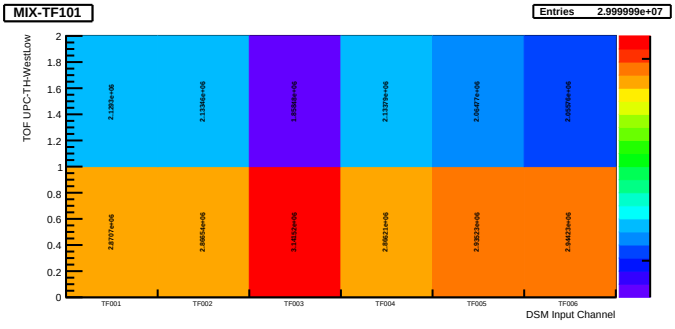

MIX-TF004
Entries 1.05e+08
TOF MULT
TOF tray

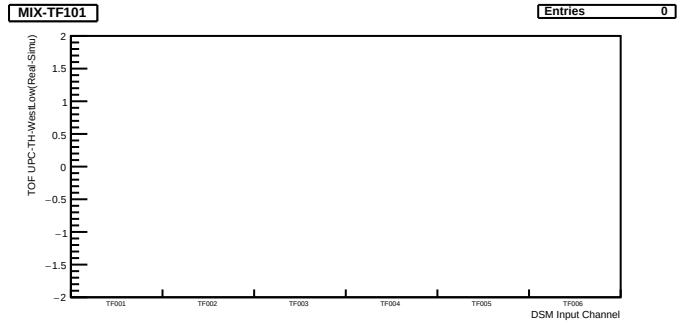

MIX-TF005
Entries 1.05e+08
TOF MULT
TOF tray

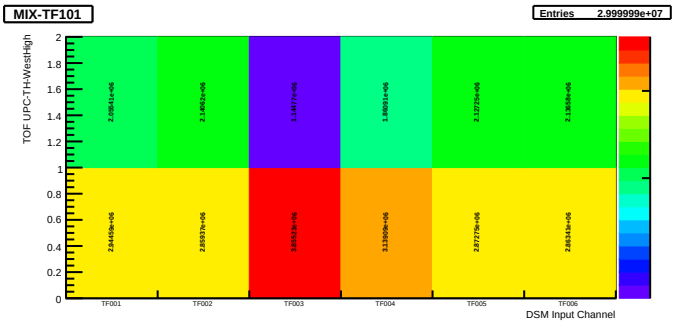

MIX-TF006
Entries 1.05e+08
TOF MULT
TOF tray

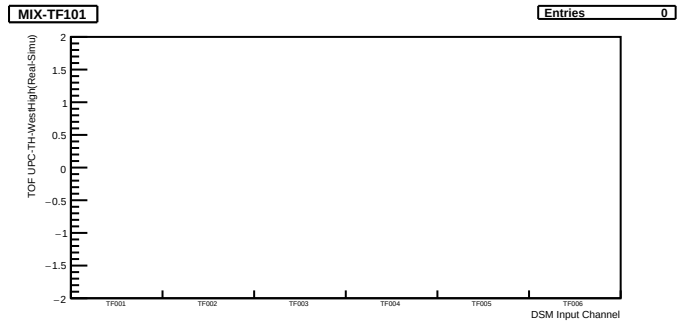

MIX-TF101
Entries 2.999999e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

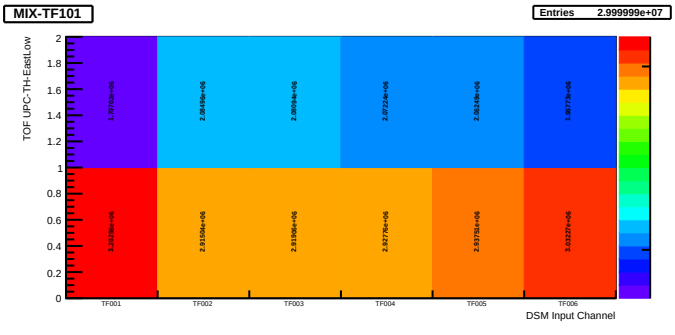

MIX-TF101
Entries 7711024
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

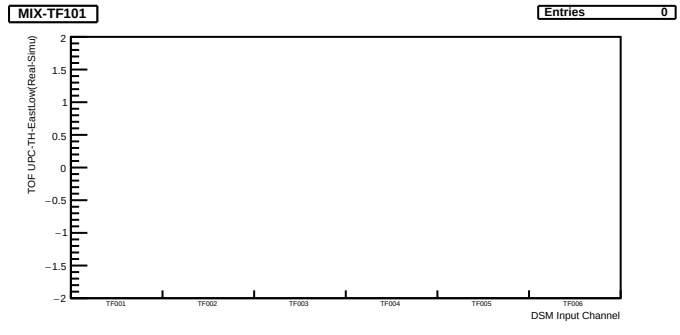

MIX-TF101
Entries 2.999999e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

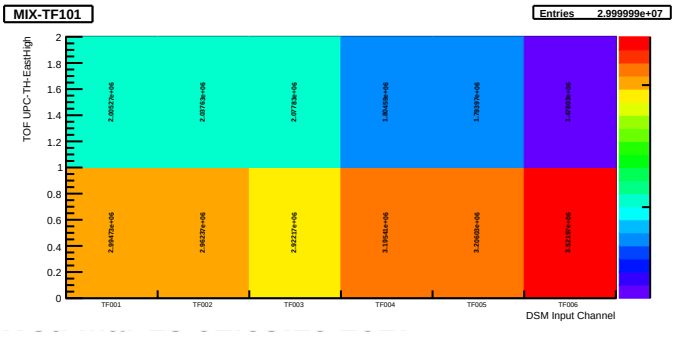

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

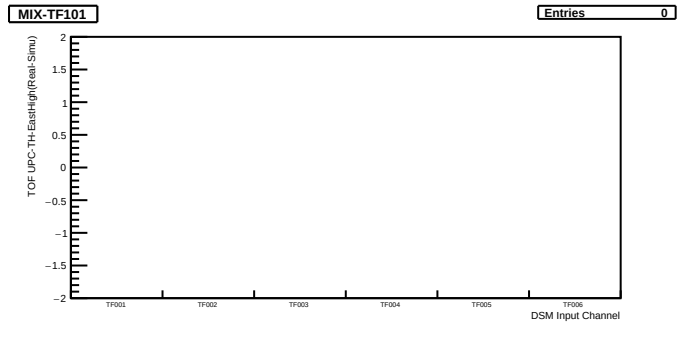

MIX-TF101
Entries 2.999999e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

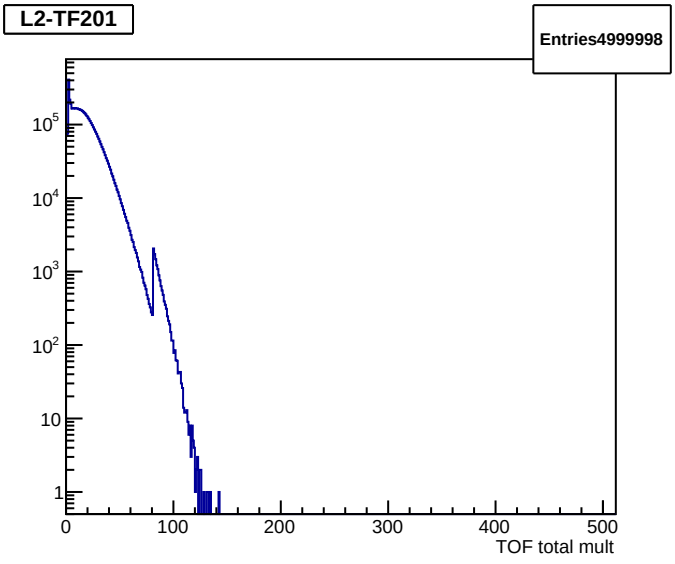

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

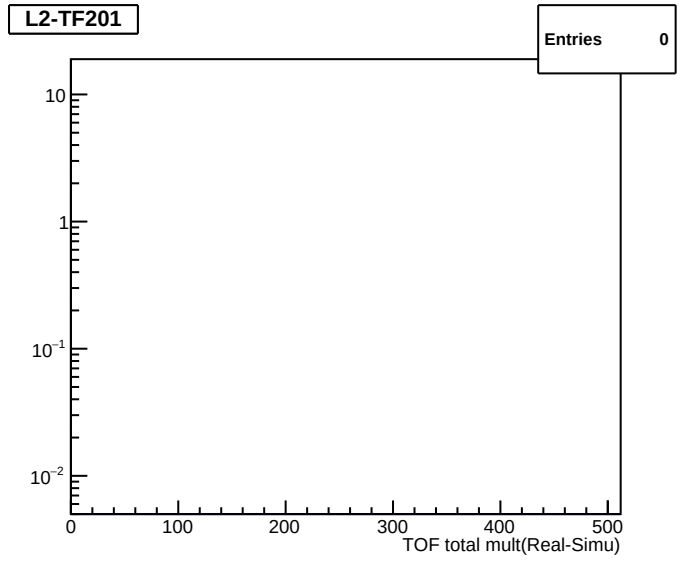

MIX-TF101
Entries 2.999999e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

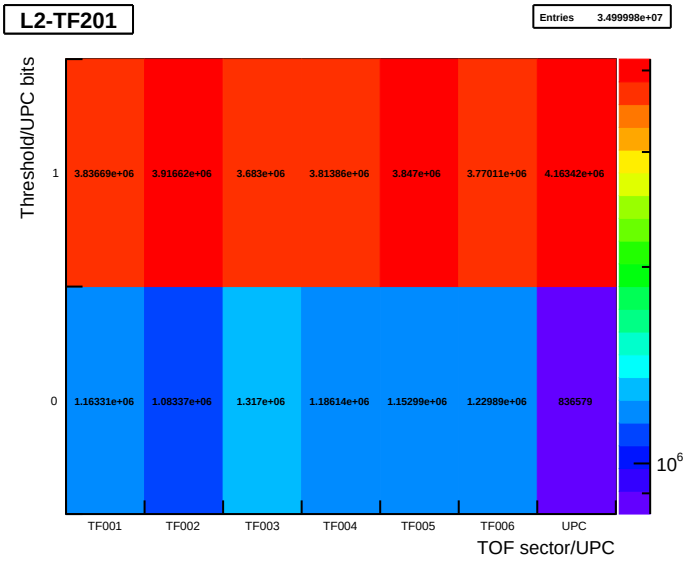

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

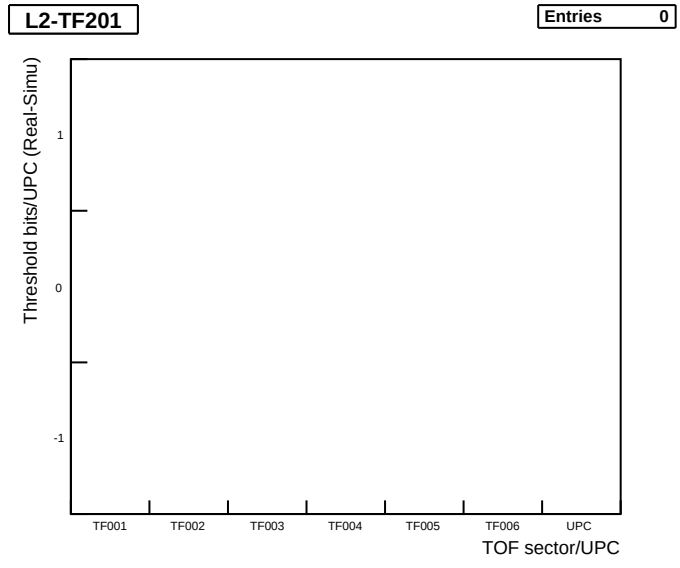

MIX-TF101
Entries 2.999999e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

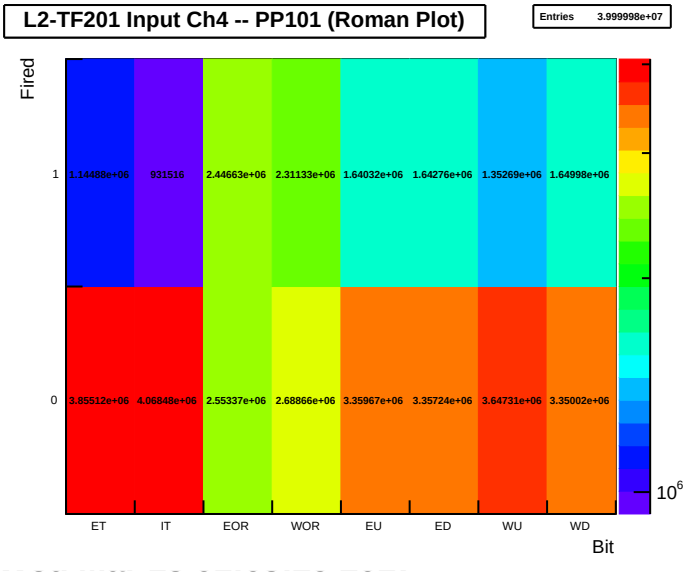

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

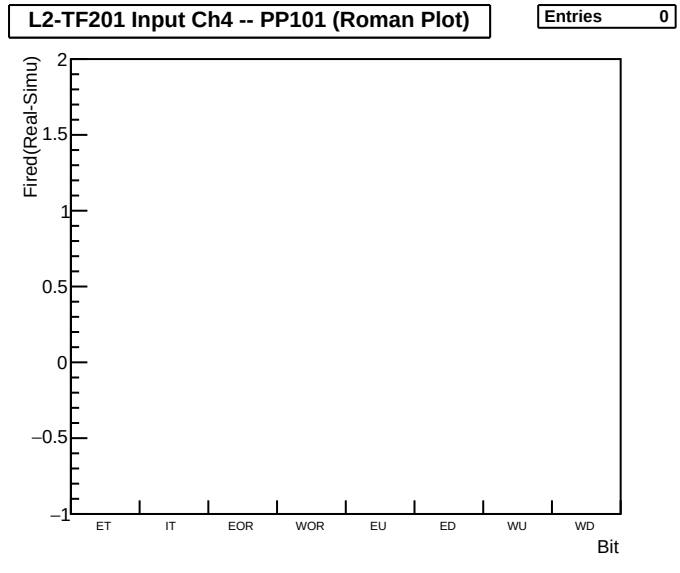

L2-TF201
Entries4999998
TOF total mult

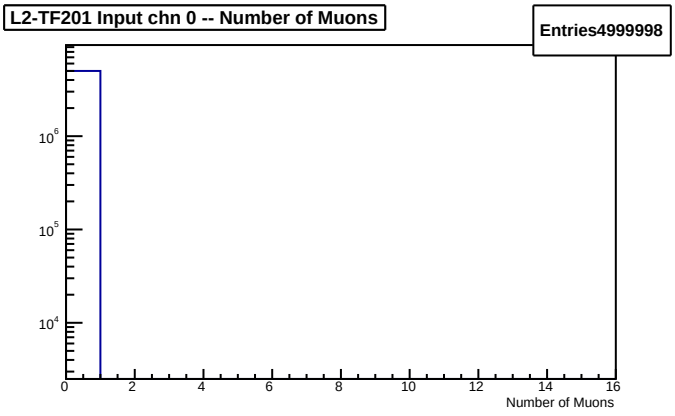

L2-TF201
Entries 0
TOF total mult(Real-Simu)

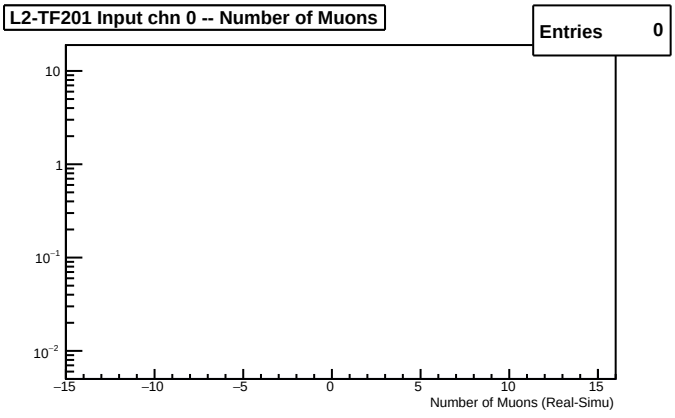

L2-TF201
Entries 3.499998e+07
Threshold/UPC bits
3.83669e+06
3.91662e+06
3.683e+06
3.81386e+06
3.847e+06
3.77011e+06
4.16342e+06
1.16331e+06
1.08337e+06
1.317e+06
1.18614e+06
1.15299e+06
1.22989e+06
836579
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

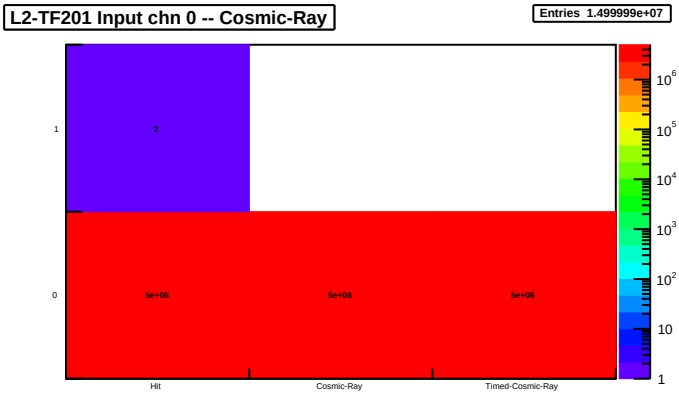

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

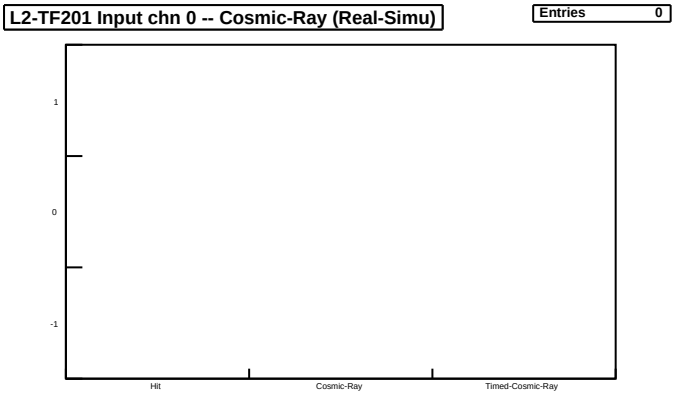

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.999998e+07
Fired
1.14488e+06
931516
2.44663e+06
2.31133e+06
1.64032e+06
1.64276e+06
1.35269e+06
1.64998e+06
3.85512e+06
4.06848e+06
2.55337e+06
2.68866e+06
3.35967e+06
3.35724e+06
3.64731e+06
3.35002e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

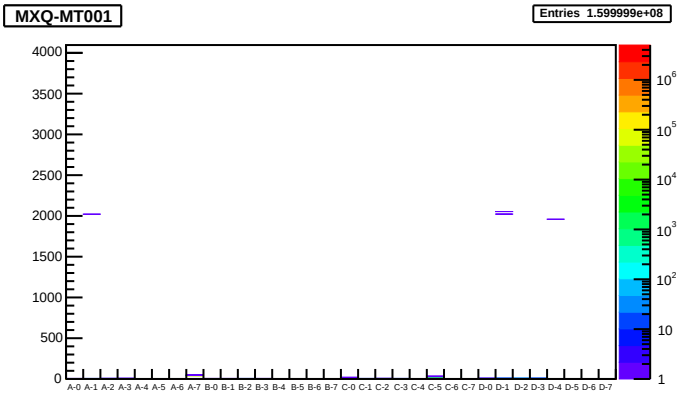

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

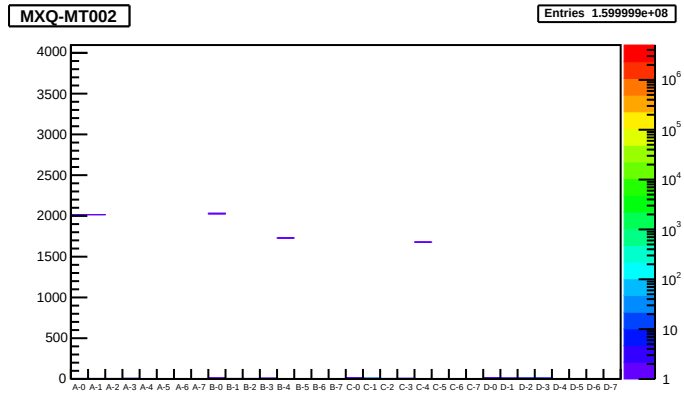

L2-TF201 Input chn 0 -- Number of Muons
Entries4999998
Number of Muons

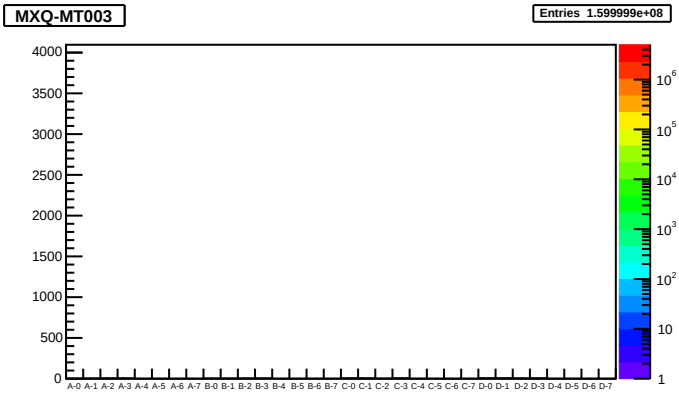

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.499999e+07
Hit
Cosmic-Ray
Timed-Cosmic-Ray


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


MXQ-MT001
Entries 1.599999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 1.599999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 1.599999e+08
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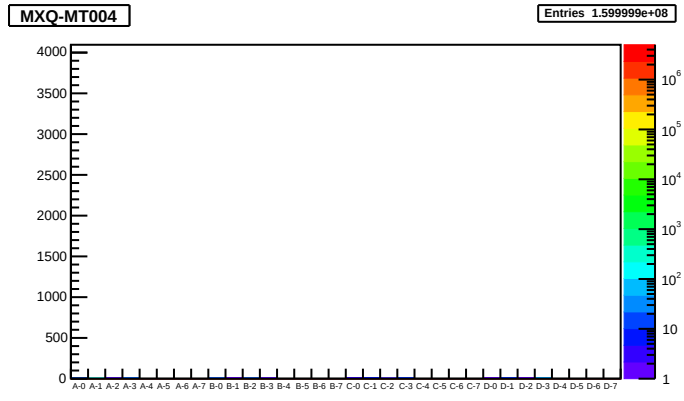
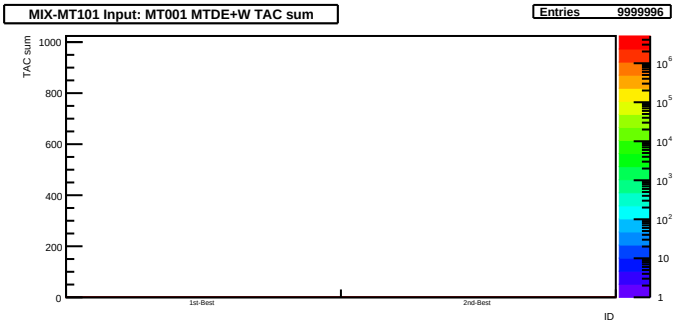
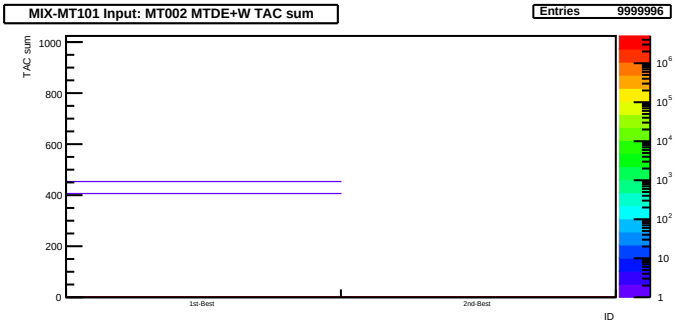
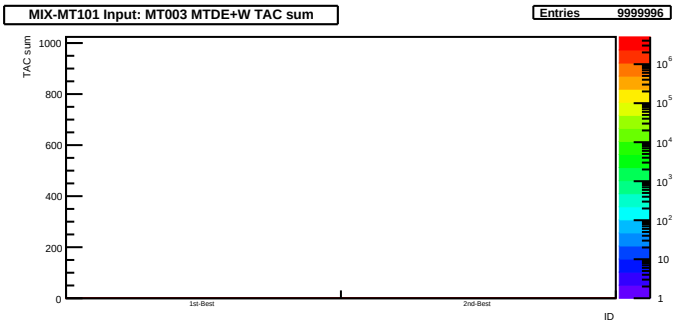
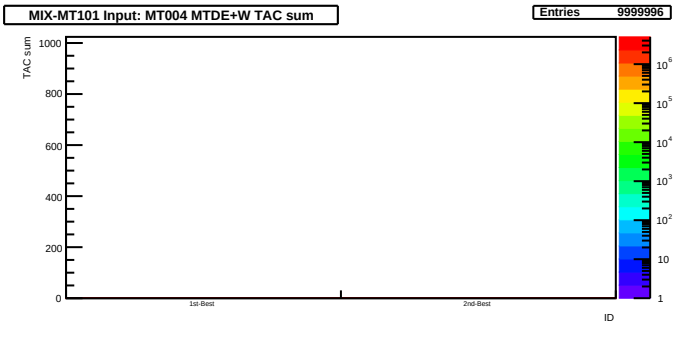
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

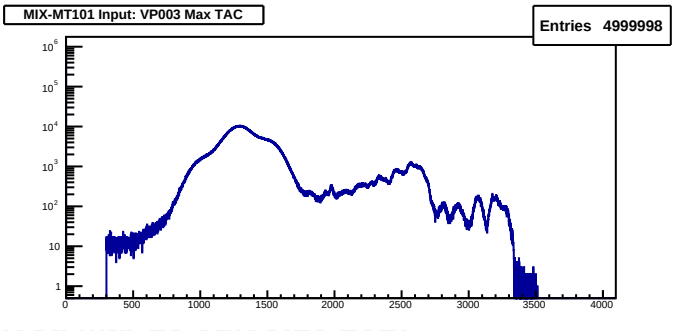

MXQ-MT004
Entries 1.599999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

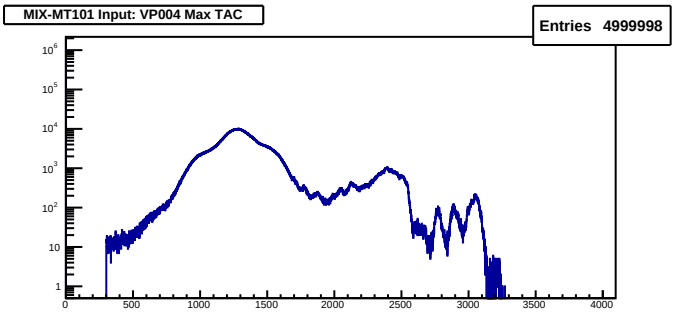

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9999996
TAC sum
1st-Best
2nd-Best
ID

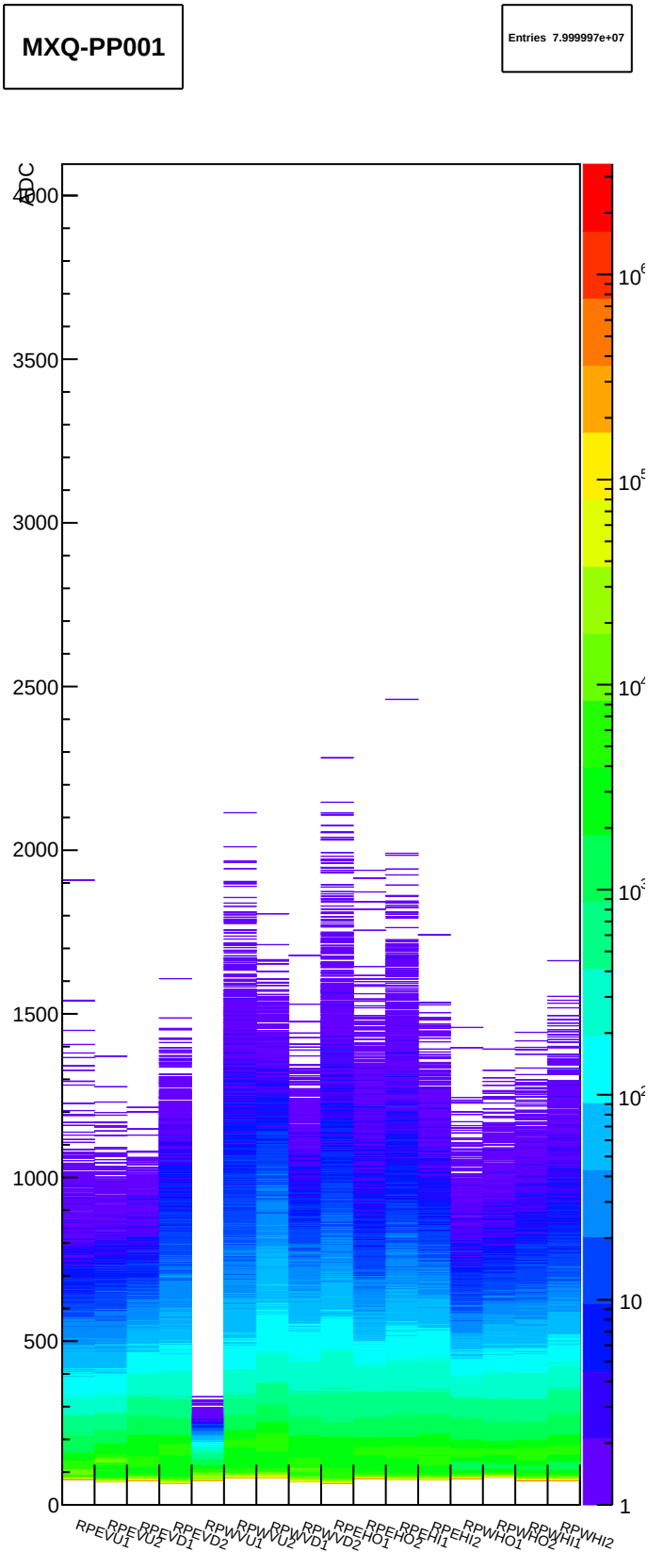

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9999996
TAC sum
1st-Best
2nd-Best
ID

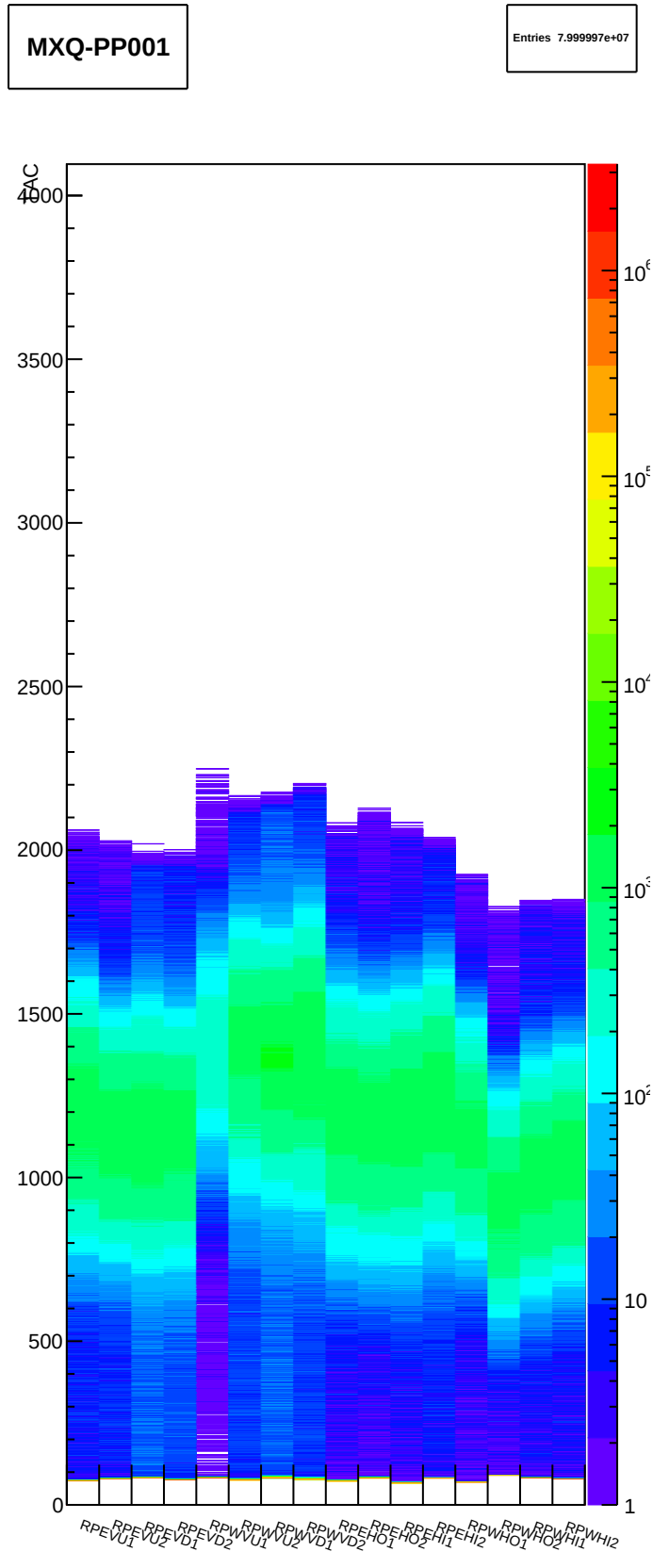

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9999996
TAC sum
1st-Best
2nd-Best
ID

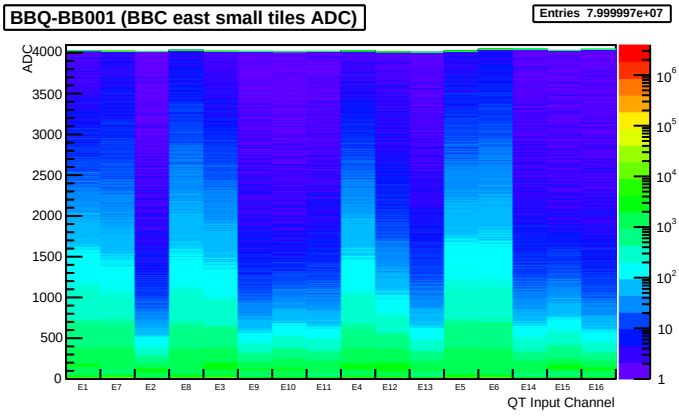

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9999996
TAC sum
1st-Best
2nd-Best
ID

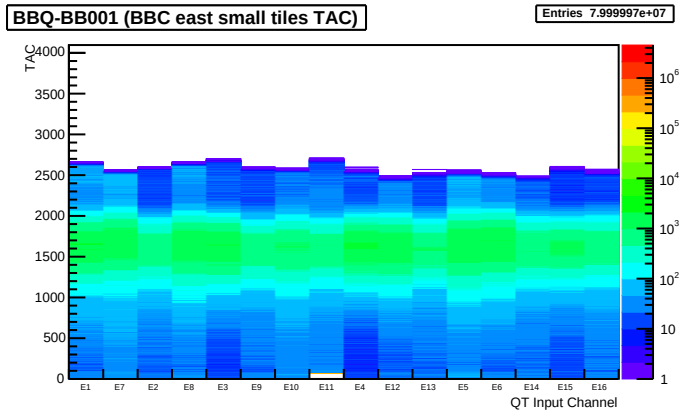

MIX-MT101 Input: VP003 Max TAC
Entries 4999998

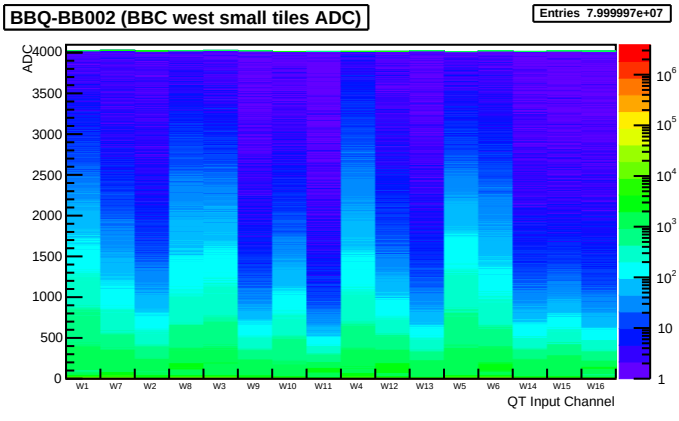

MIX-MT101 Input: VP004 Max TAC
Entries 4999998

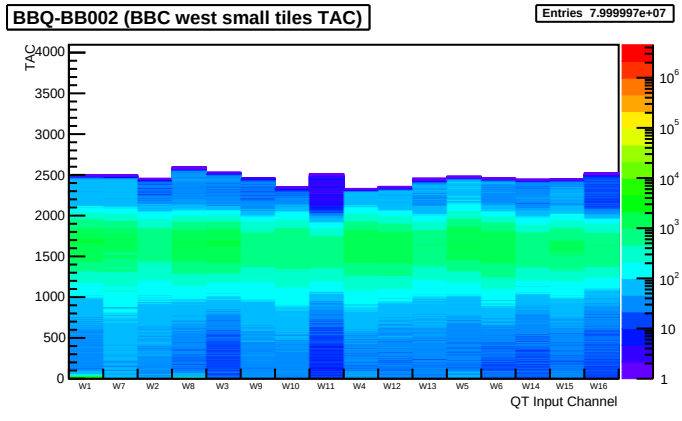

MXQ-PP001
Entries 7.999997e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

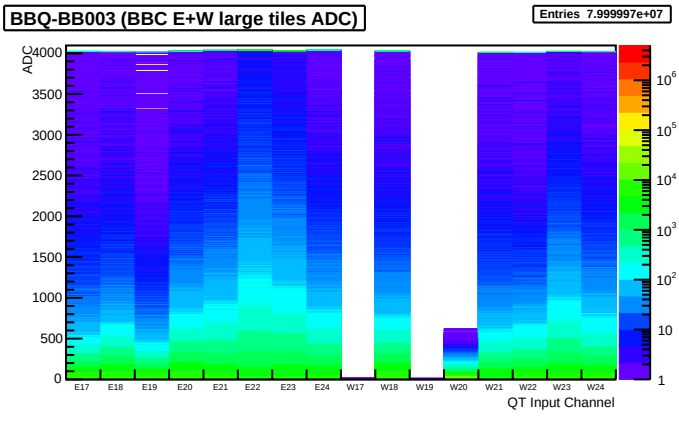

MXQ-PP001
Entries 7.999997e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

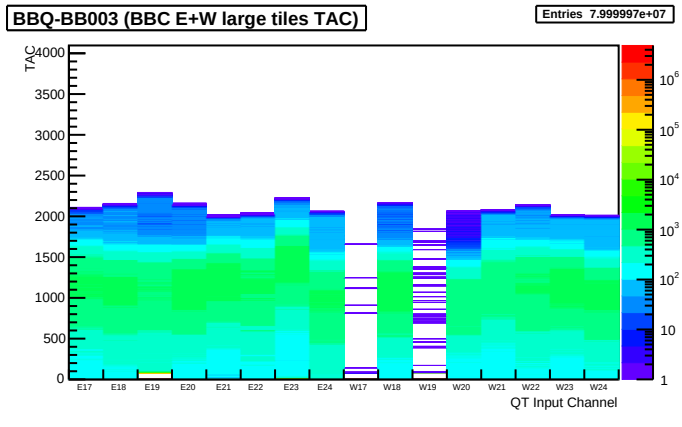

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.999997e+07
ADC
QT Input Channel

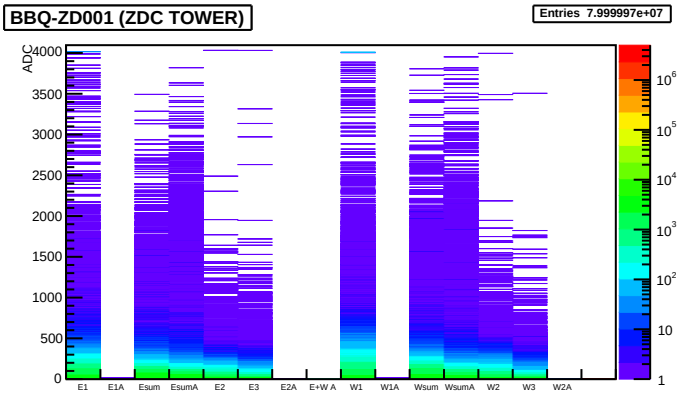

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.999997e+07
TAC
QT Input Channel

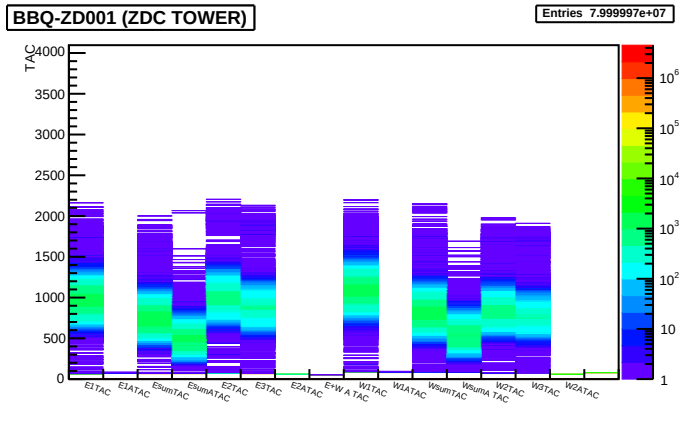

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.999997e+07
ADC
QT Input Channel

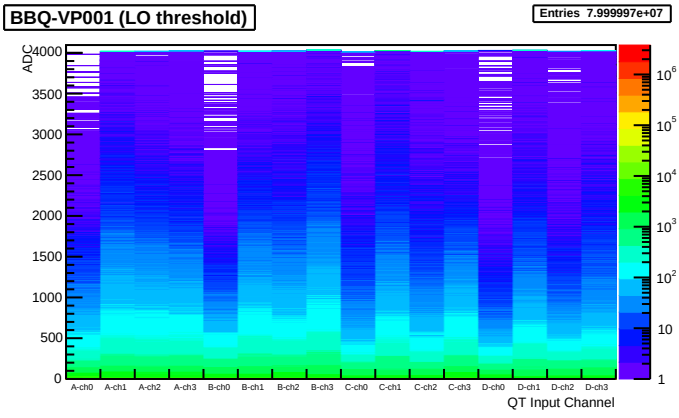

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.999997e+07
TAC
QT Input Channel

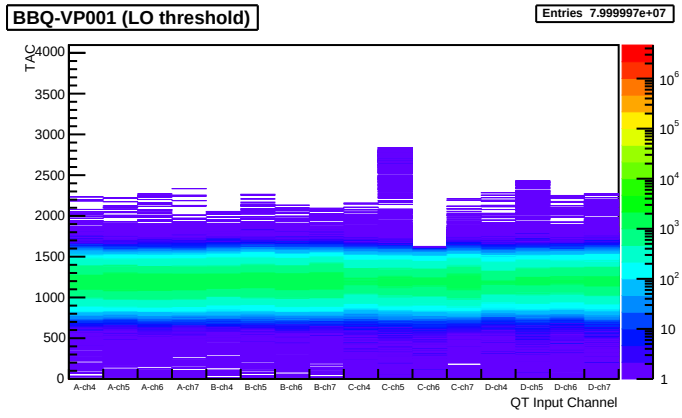

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.999997e+07
ADC
QT Input Channel

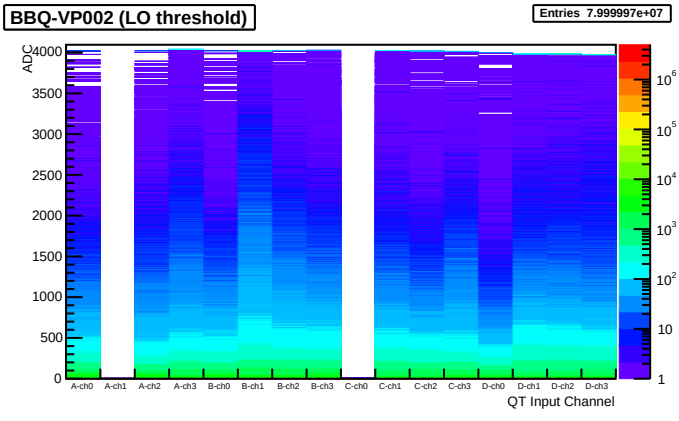

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.999997e+07
TAC
QT Input Channel

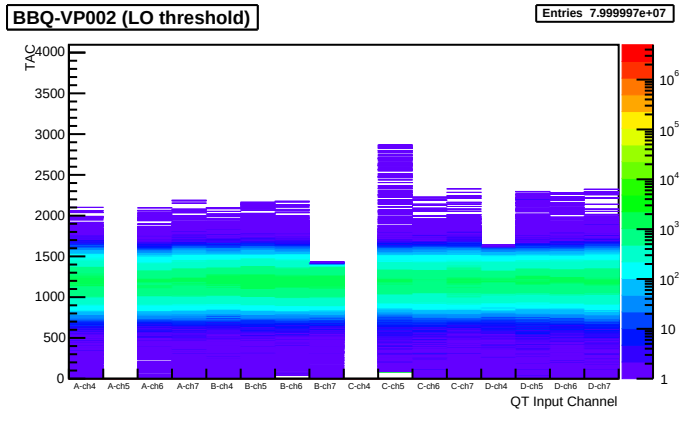

BBQ-ZD001 (ZDC TOWER)
Entries 7.999997e+07
ADC

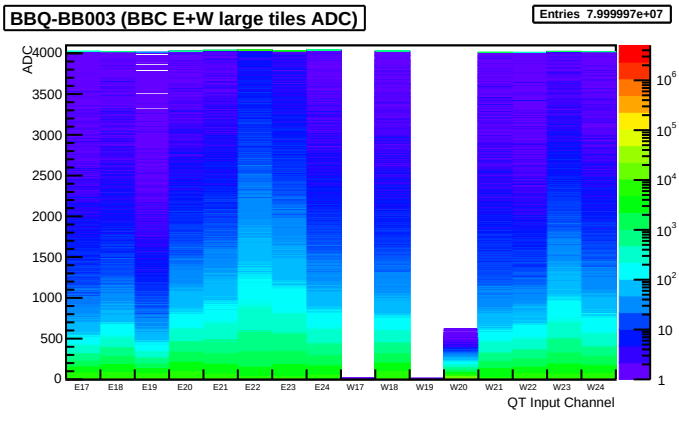

BBQ-ZD001 (ZDC TOWER)
Entries 7.999997e+07
TAC

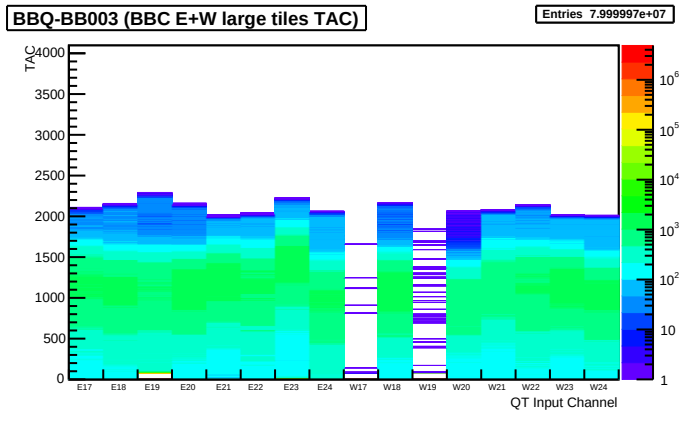

BBQ-VP001 (LO threshold)
Entries 7.999997e+07
ADC
QT Input Channel

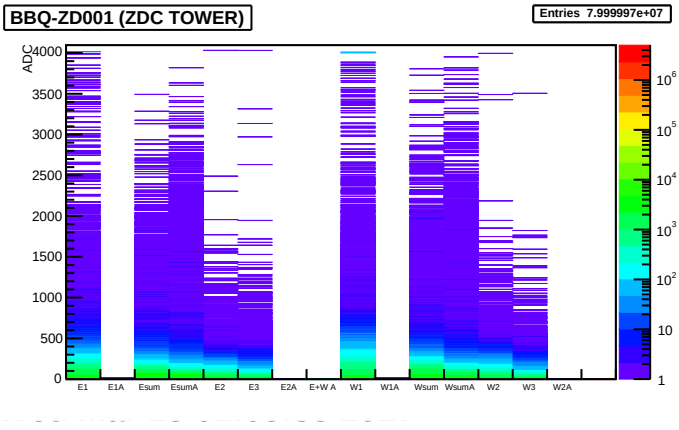

BBQ-VP001 (LO threshold)
Entries 7.999997e+07
TAC
QT Input Channel

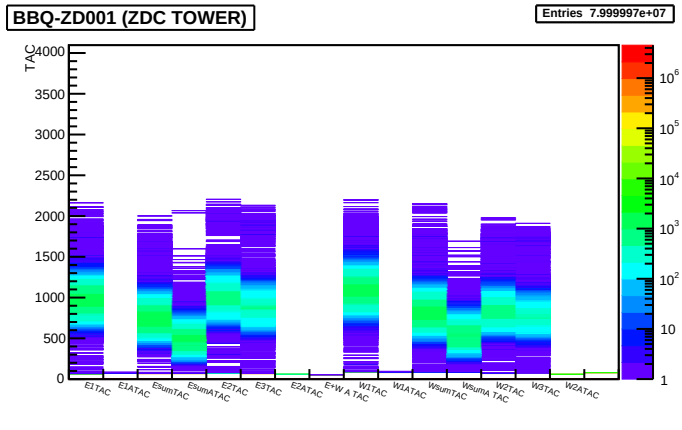

BBQ-VP002 (LO threshold)
Entries 7.999997e+07
ADC
QT Input Channel

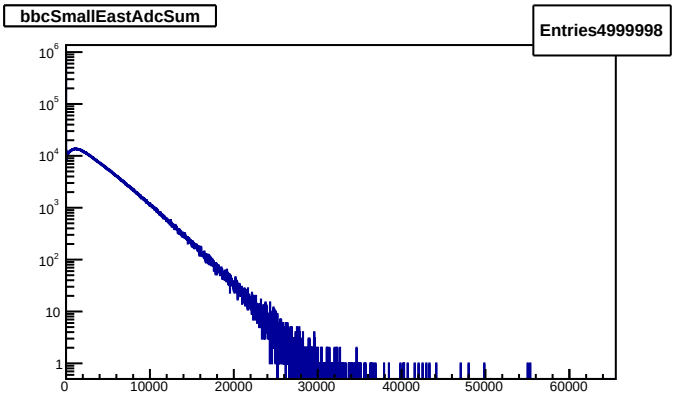

BBQ-VP002 (LO threshold)
Entries 7.999997e+07
TAC
QT Input Channel

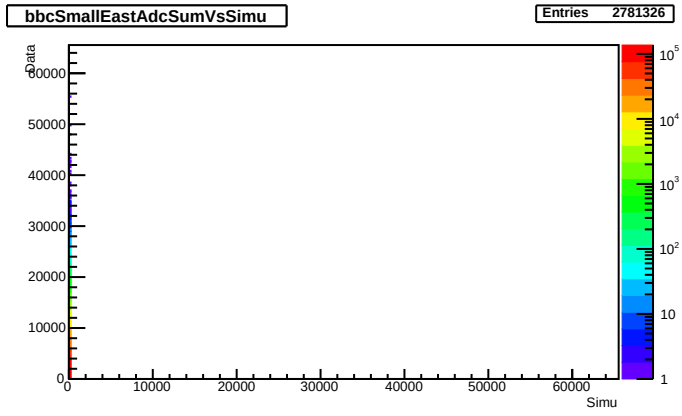

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.999997e+07
ADC
QT Input Channel

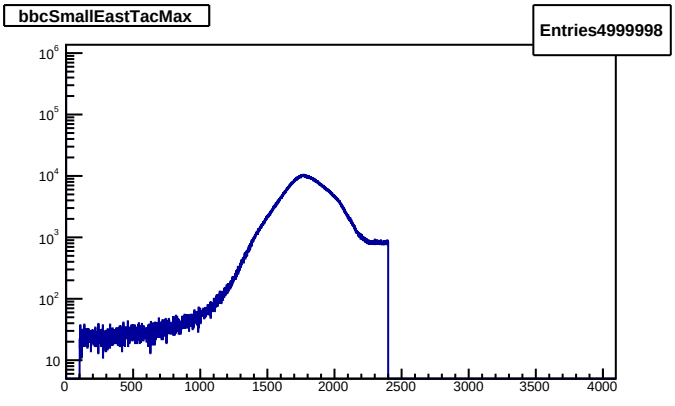

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.999997e+07
TAC
QT Input Channel

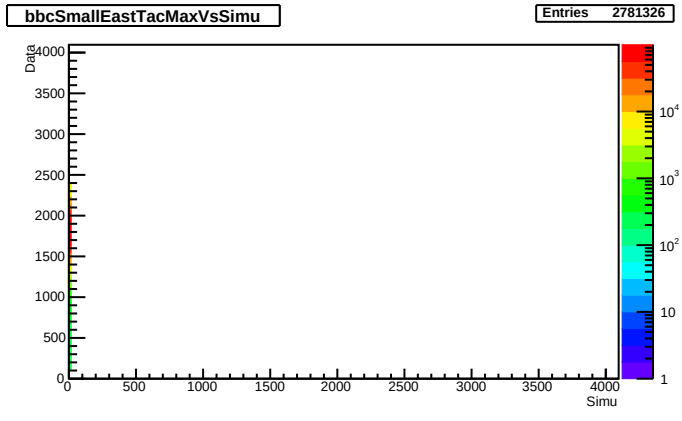

BBQ-ZD001 (ZDC TOWER)
Entries 7.999997e+07
ADC

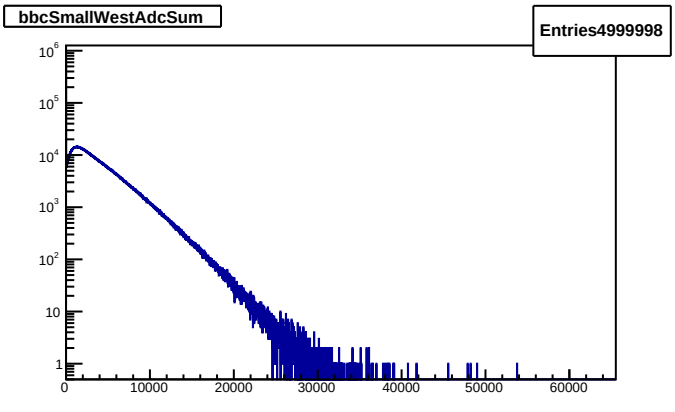

BBQ-ZD001 (ZDC TOWER)
Entries 7.999997e+07
TAC

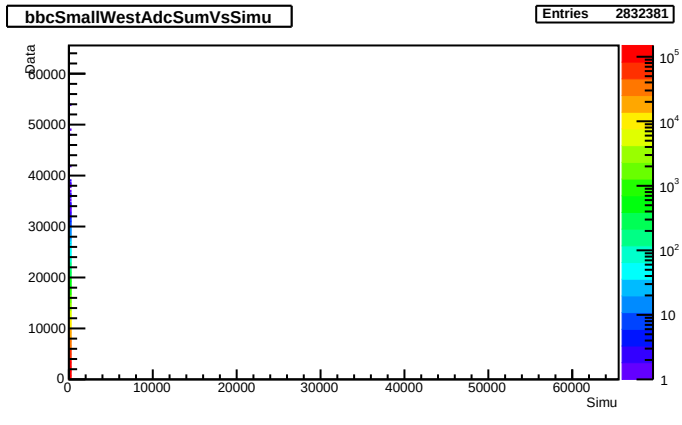

bbcSmallEastAdcSum
Entries4999998

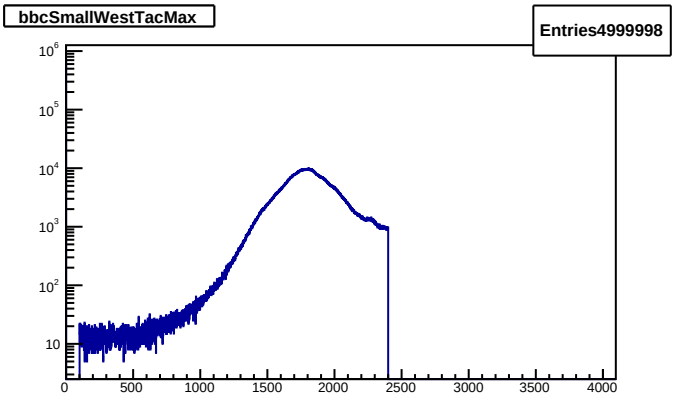

bbcSmallEastAdcSumVsSimu
Entries 2781326
Data
Simu

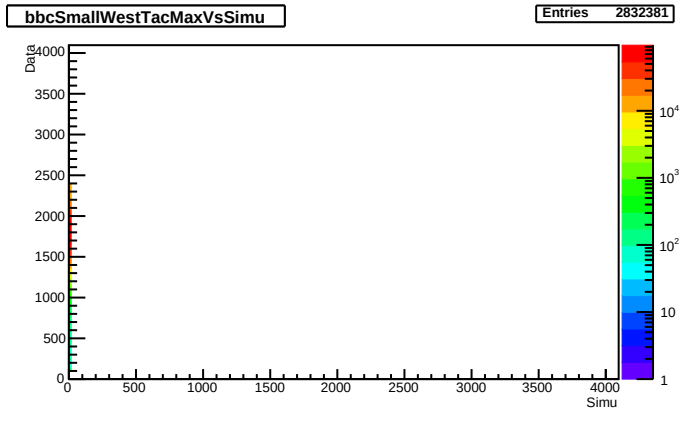

bbcSmallEastTacMax
Entries4999998

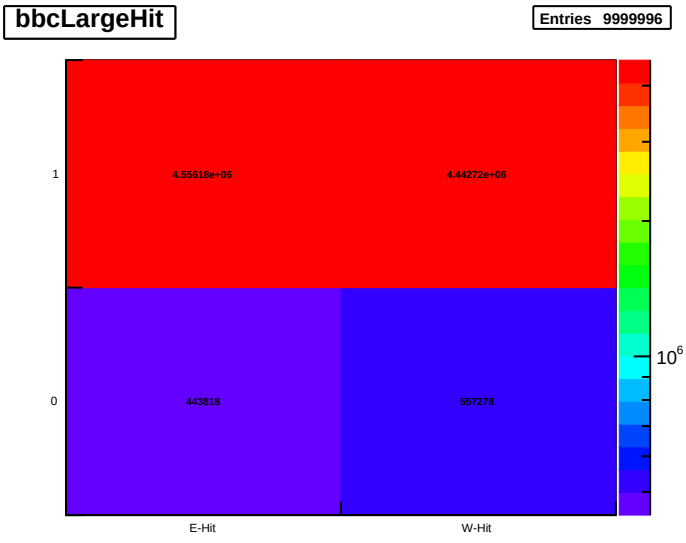

bbcSmallEastTacMaxVsSimu
Entries 2781326
Data
Simu

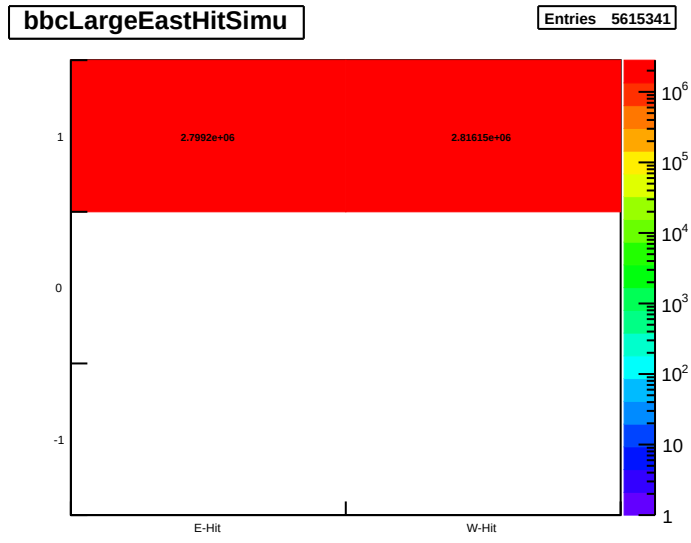

bbcSmallWestAdcSum
Entries4999998

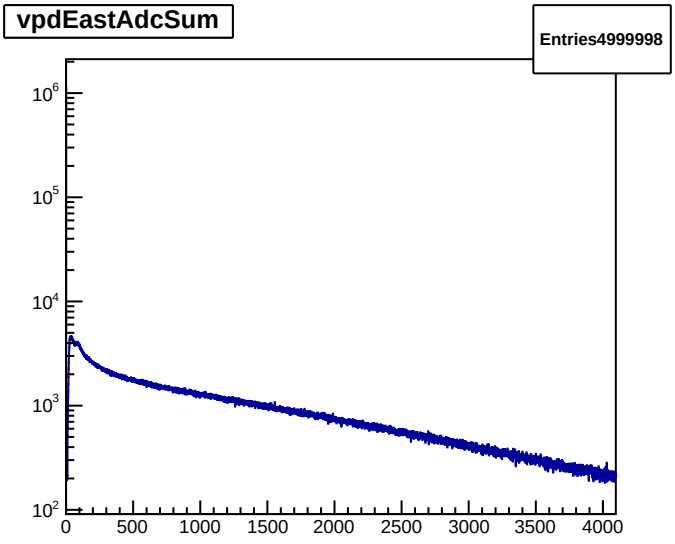

bbcSmallWestAdcSumVsSimu
Entries 2832381
Data
Simu

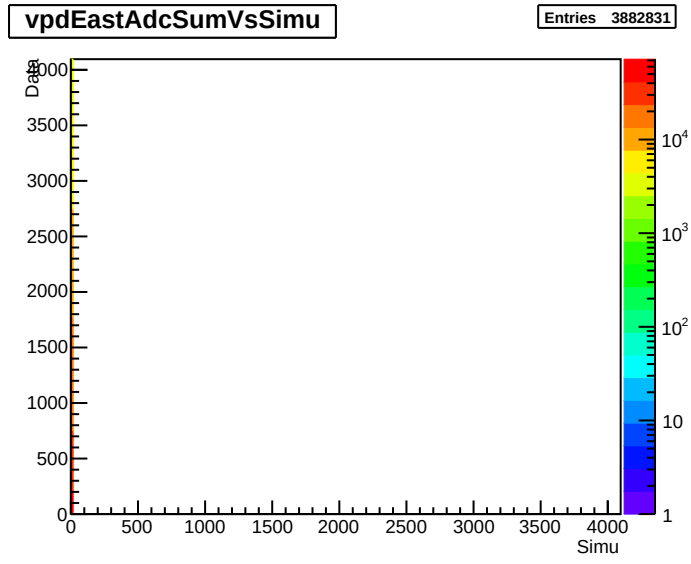

bbcSmallWestTacMax
Entries4999998

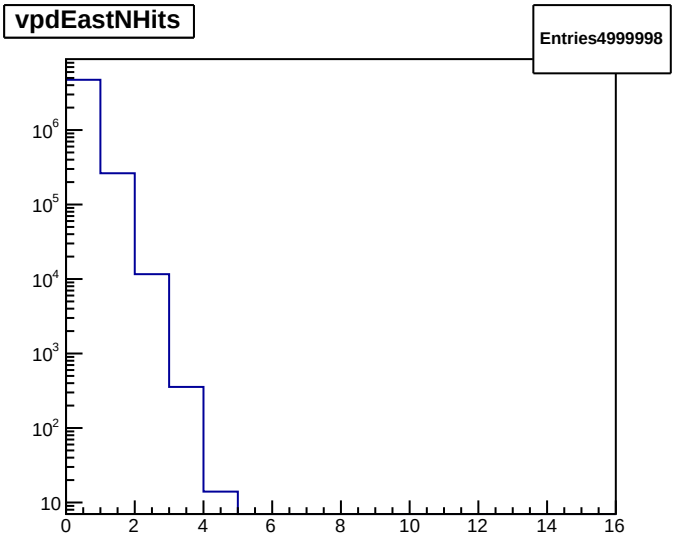

bbcSmallWestTacMaxVsSimu
Entries 2832381
Data
Simu

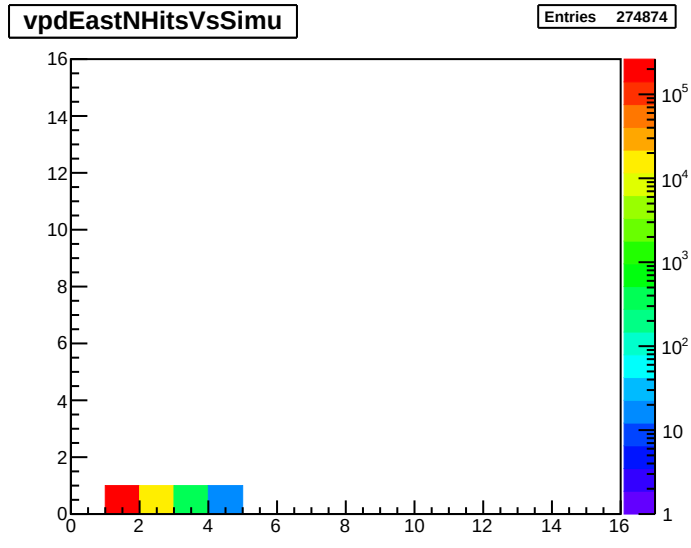

bbcLargeHit
Entries 9999996
1
0
4.55618e+06
4.44272e+06
443818
557278
E-Hit
W-Hit
10^6

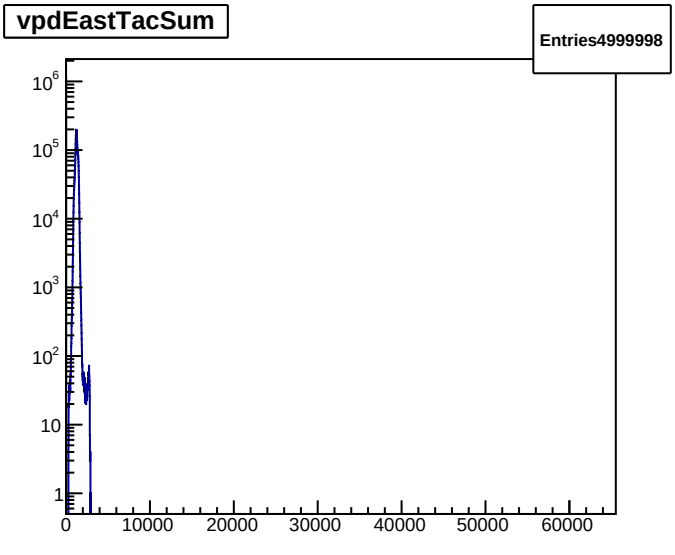

bbcLargeEastHitSimu
Entries 5615341
1
0
-1
2.7992e+06
2.81615e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

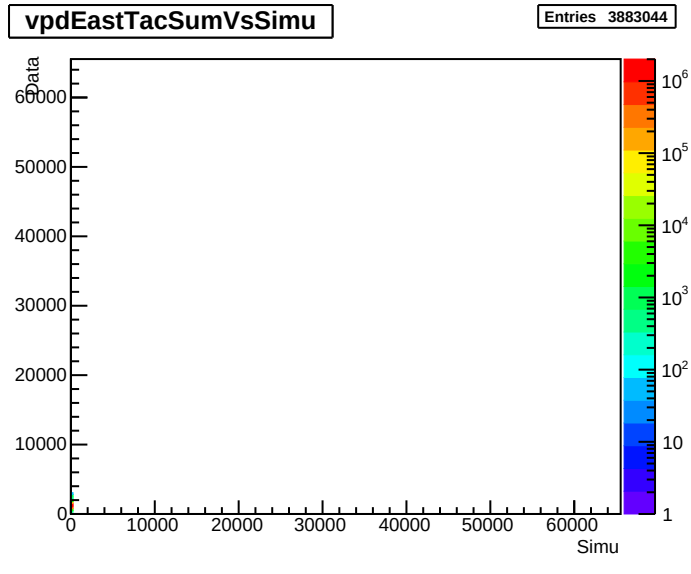

vpdEastAdcSum
Entries4999998

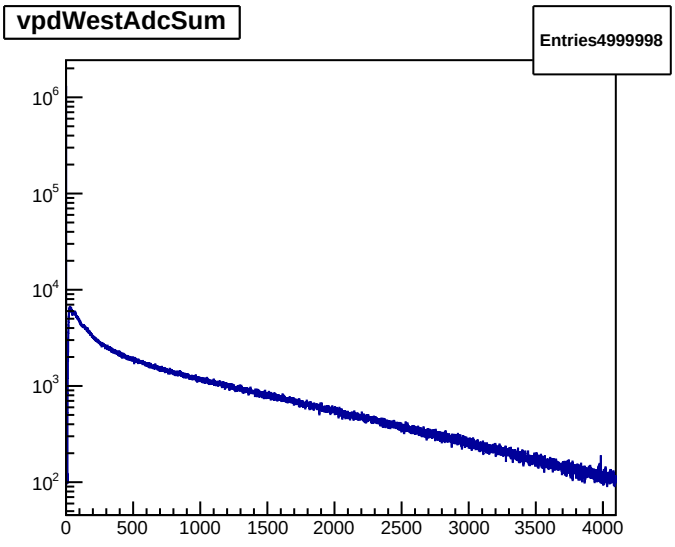

vpdEastAdcSumVsSimu
Entries 3882831
Data
Simu

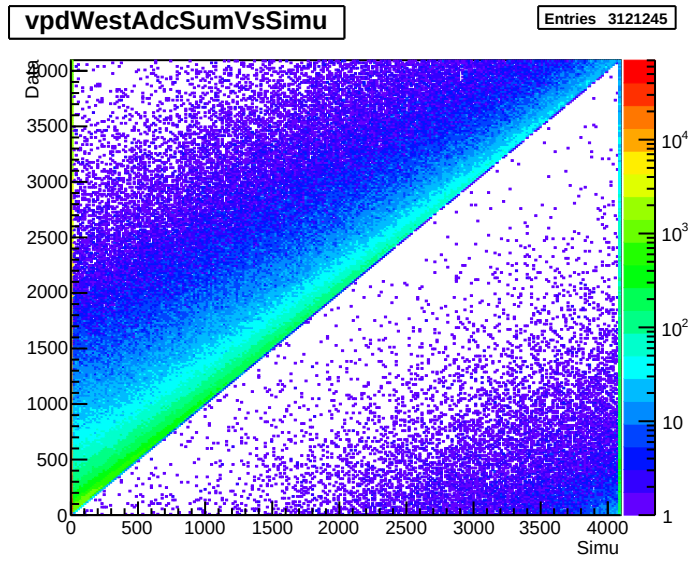

vpdEastNHits
Entries4999998

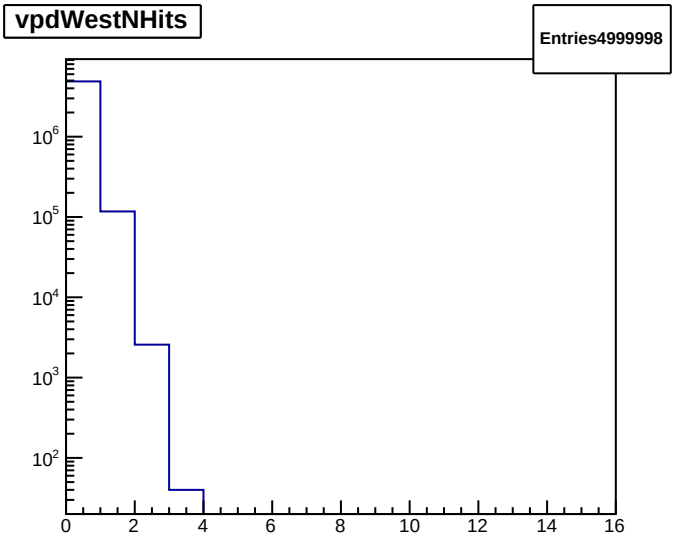

vpdEastNHitsVsSimu
Entries 274874

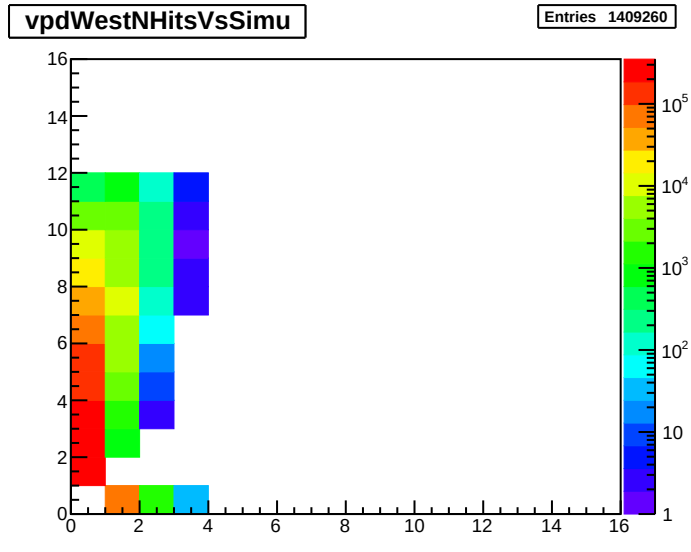

vpdEastTacSum
Entries4999998

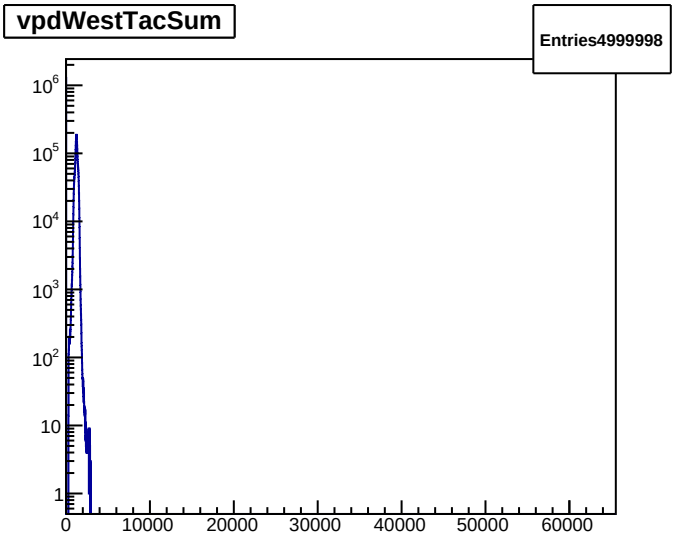

vpdEastTacSumVsSimu
Entries 3883044
Data
Simu

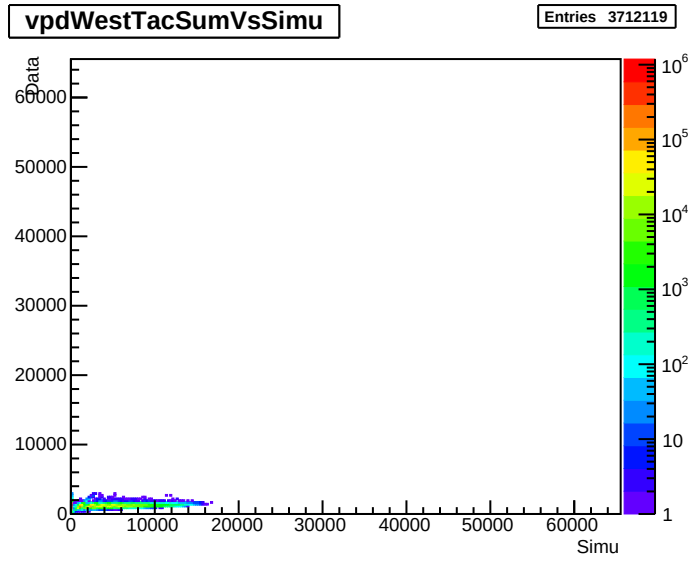

vpdWestAdcSum
Entries4999998

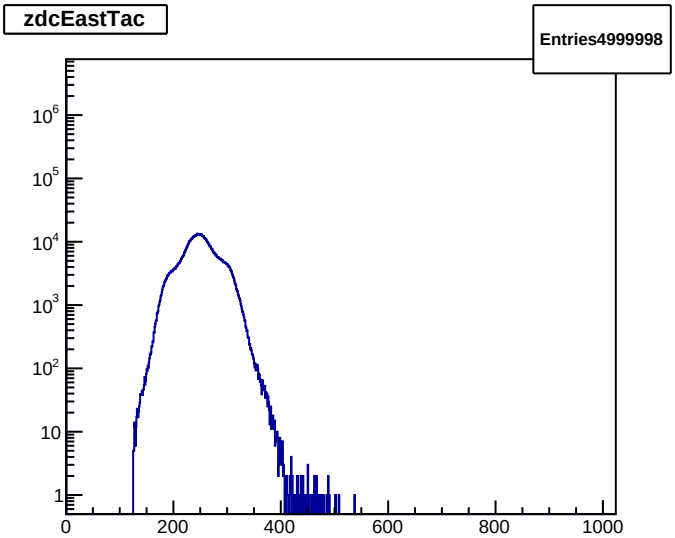

vpdWestAdcSumVsSimu
Entries 3121245
Data
Simu

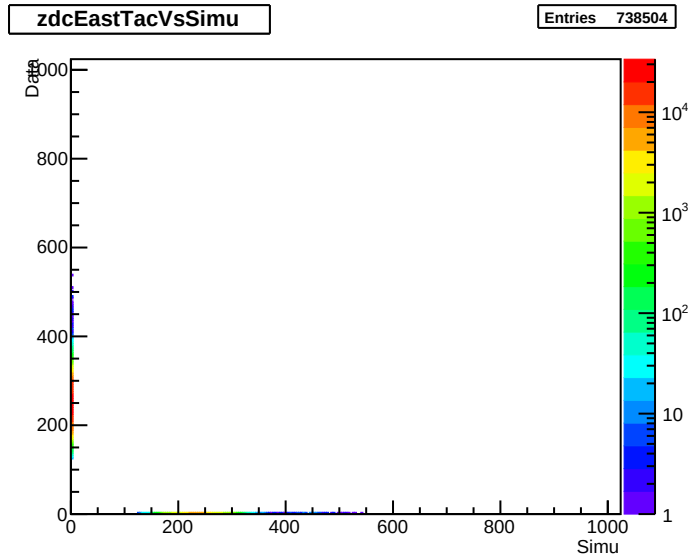

vpdWestNHits
Entries4999998

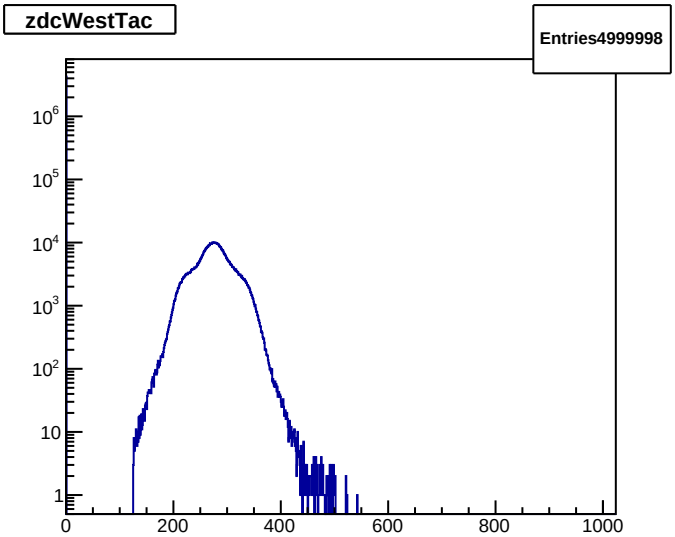

vpdWestNHitsVsSimu
Entries 1409260

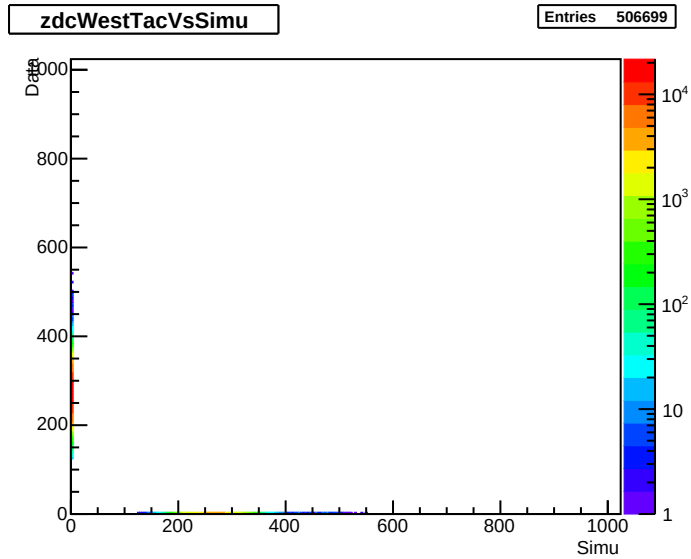

vpdWestTacSum
Entries4999998

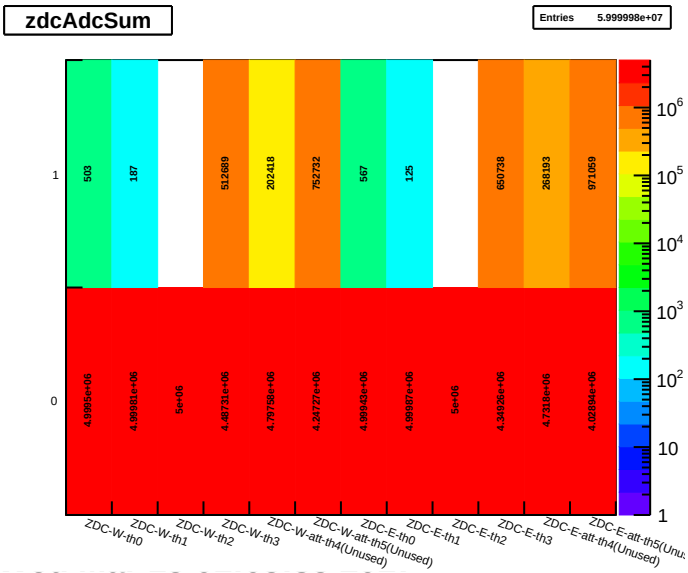

vpdWestTacSumVsSimu
Entries 3712119
Data
Simu

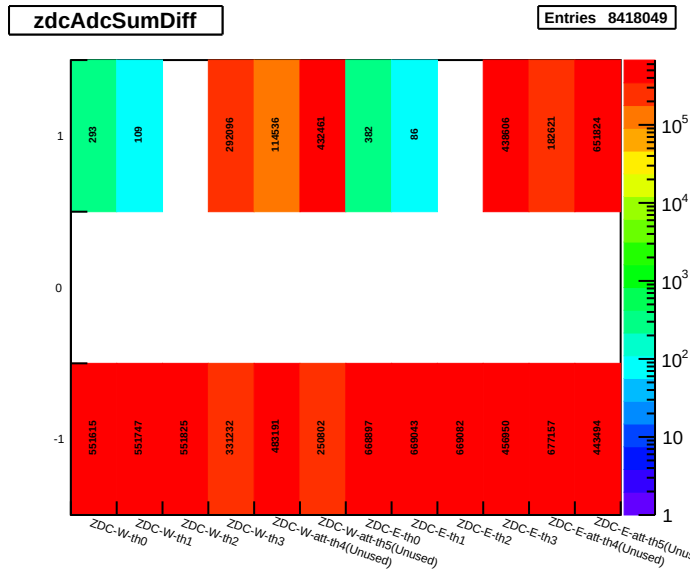

zdcEastTac
Entries4999998

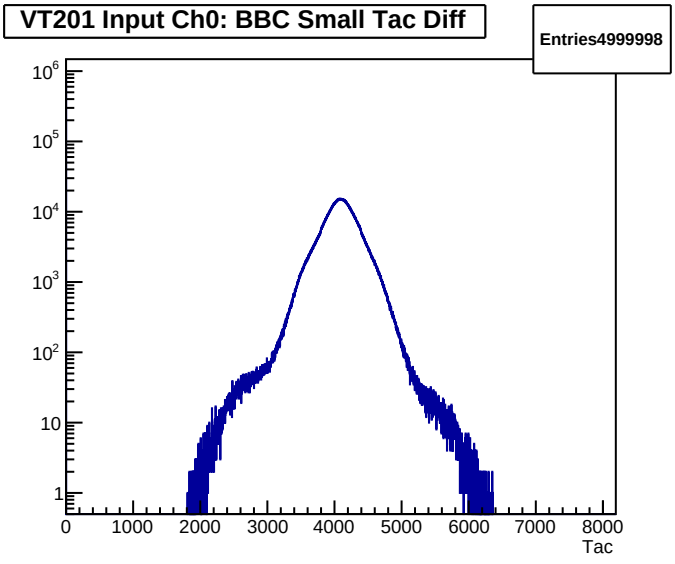

zdcEastTacVsSimu
Entries 738504
Data
Simu

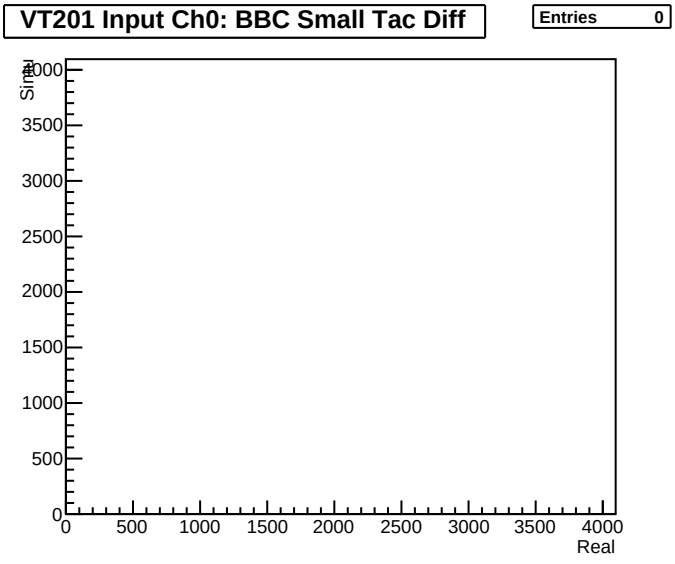

zdcWestTac
Entries4999998

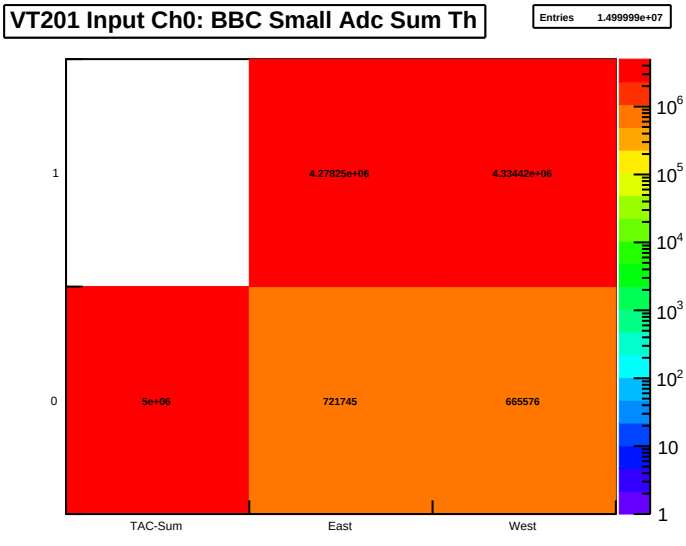

zdcWestTacVsSimu
Entries 506699
Data
Simu

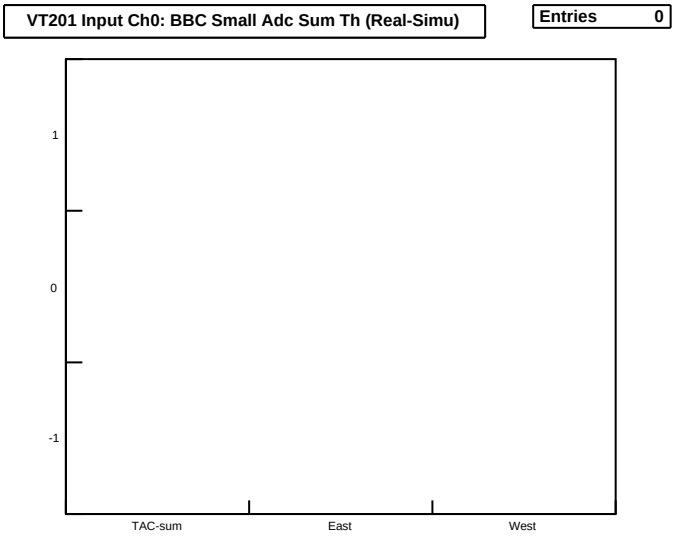

zdcAdcSum
Entries 5.999998e+07
503
187
512689
202418
752732
567
125
650738
268193
971059
4.9995e+06
4.99981e+06
5e+06
4.46731e+06
4.79758e+06
4.28727e+06
4.99943e+06
4.99987e+06
5e+06
4.34926e+06
4.7318e+06
4.02894e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

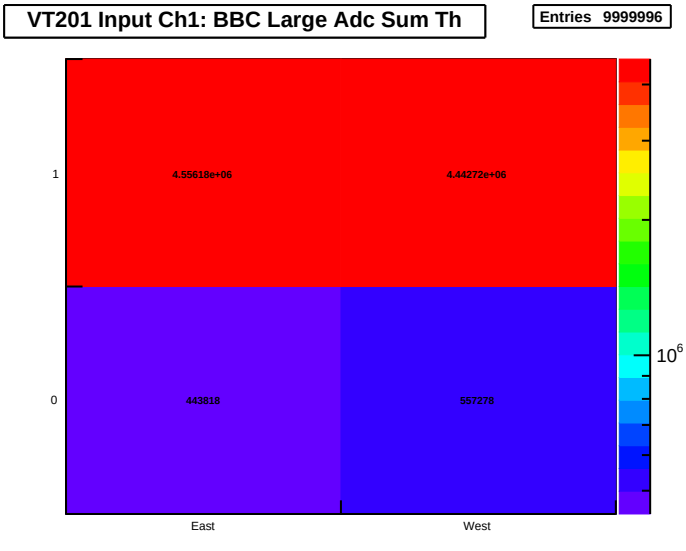

zdcAdcSumDiff
Entries 8418049
293
109
292096
114536
432461
382
86
438606
182621
651824
551615
551747
551825
331232
483191
250802
668897
669043
669082
458950
677157
443494
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

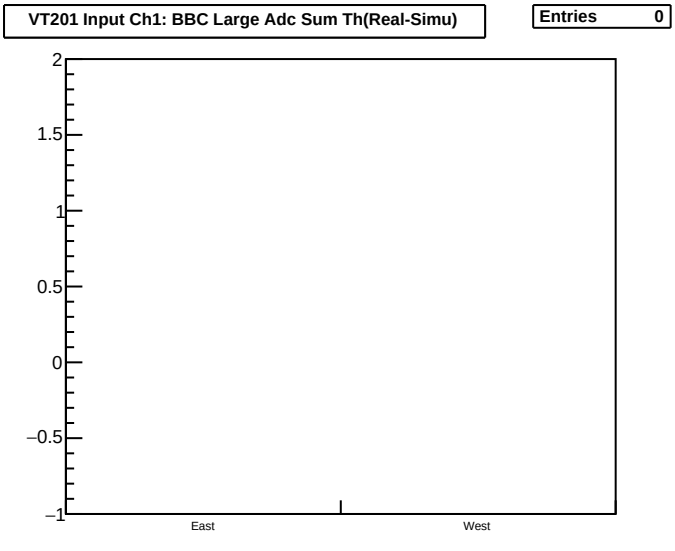

VT201 Input Ch0: BBC Small Tac Diff
Entries4999998
Tac


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

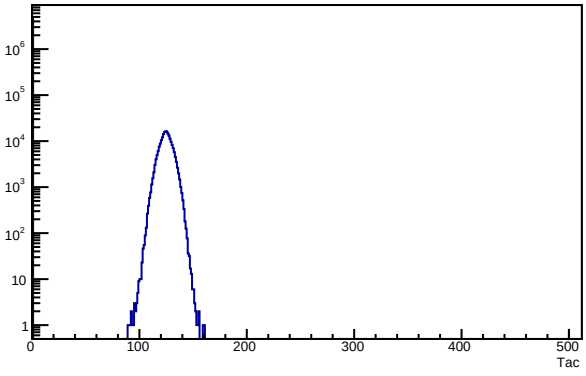

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.499999e+07
4.27825e+06
4.33442e+06
5e+06
721745
665576
TAC-Sum
East
West


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

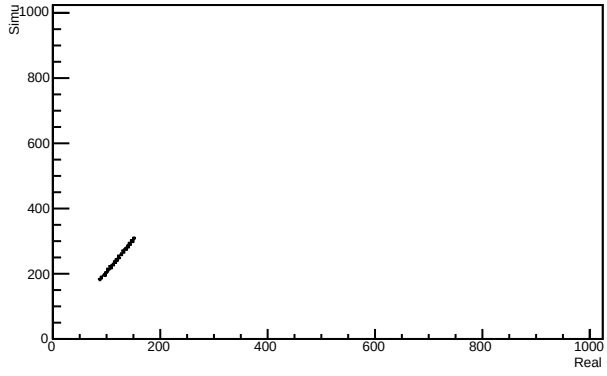

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9999996
4.55618e+06
4.44272e+06
443818
557278
East
West


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

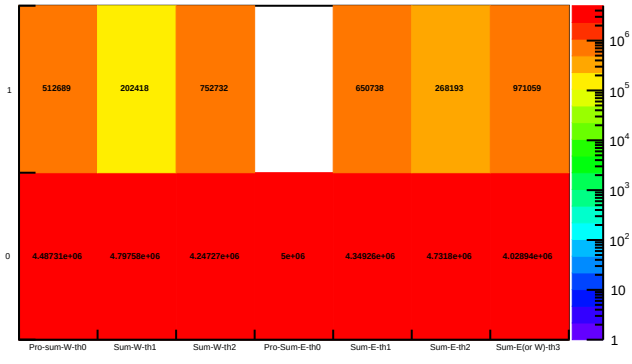
VT201 Input Ch2: ZDC Tac Diff



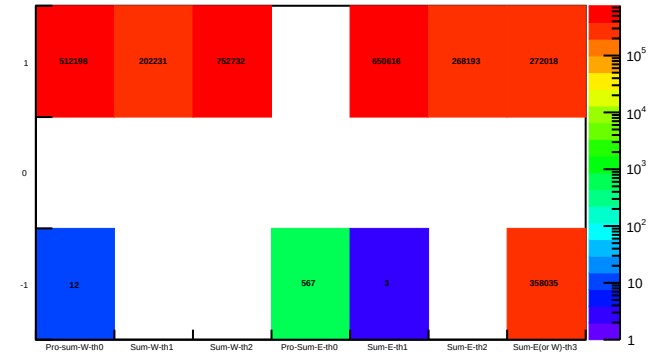
VT201 Input Ch2: ZDC Tac Diff



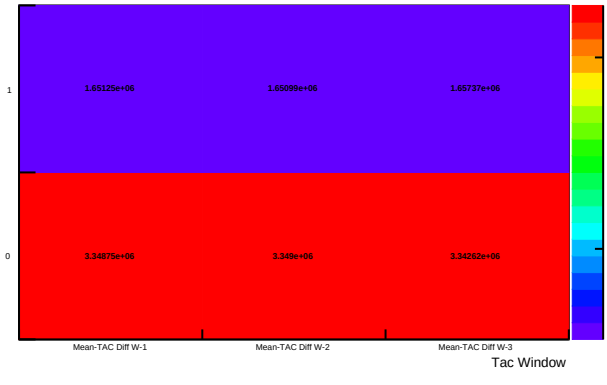
VT201 Input Ch2: ZDC Adc Sum Th



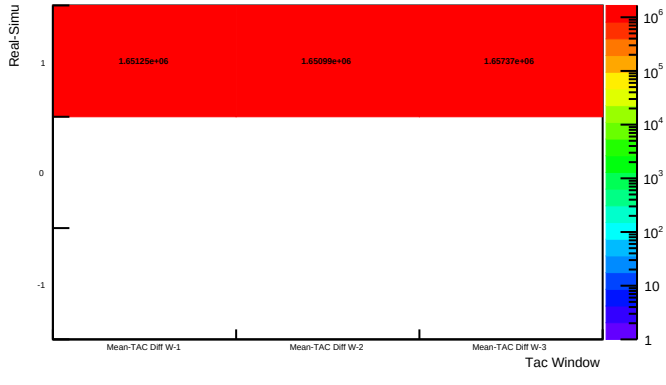
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



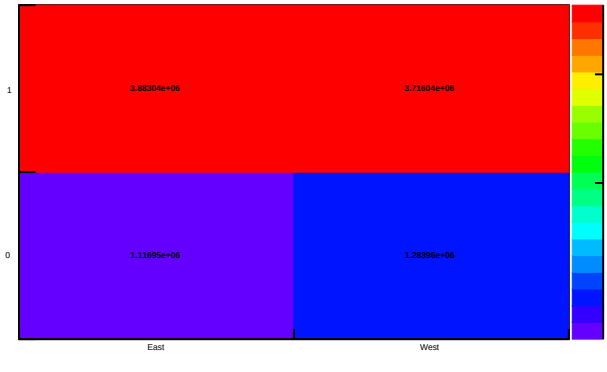
VT201 Input Ch4: VPD Tac Diff



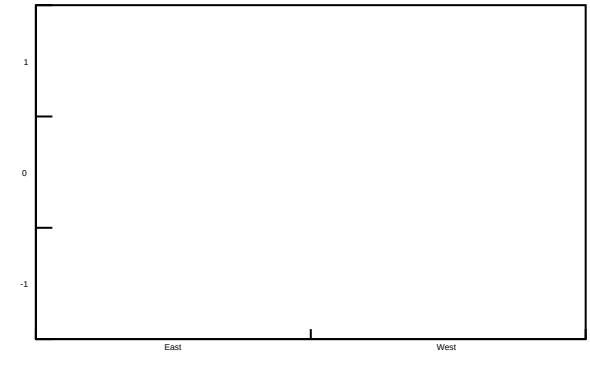
VT201 Input Ch4: VPD Tac Diff

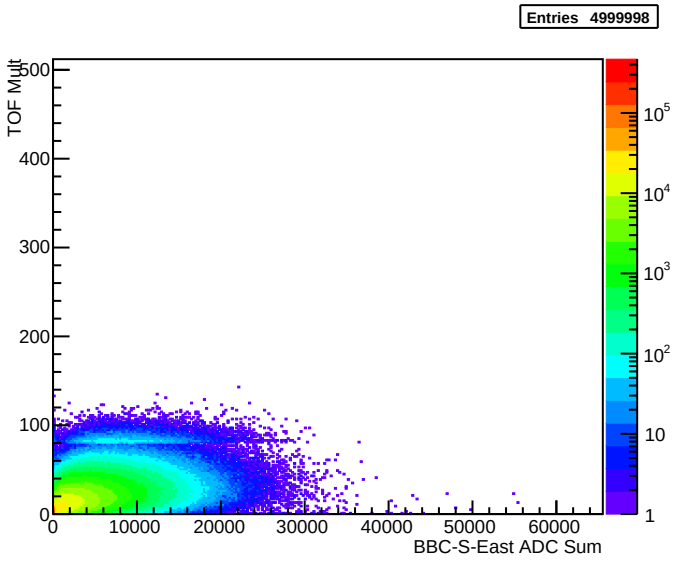


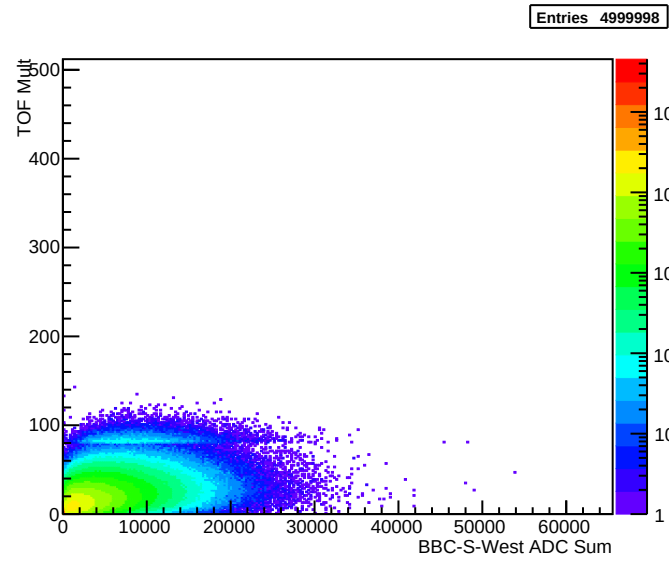
VT201 Input Ch4: VPD Adc Sum Th

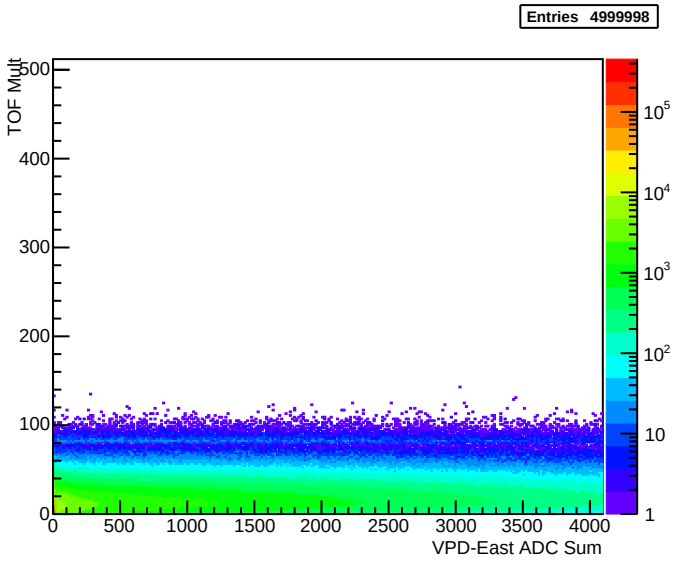


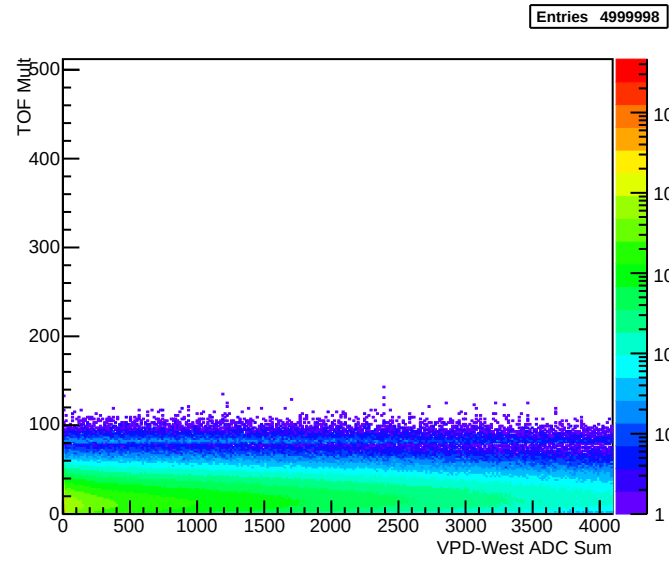
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

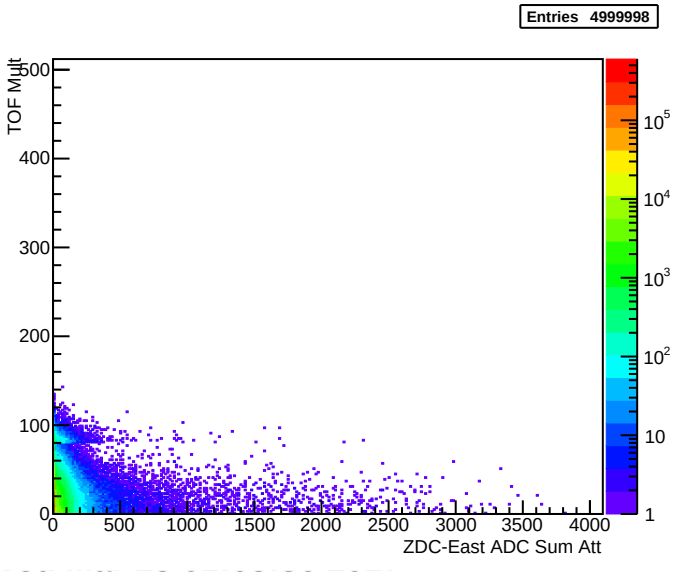


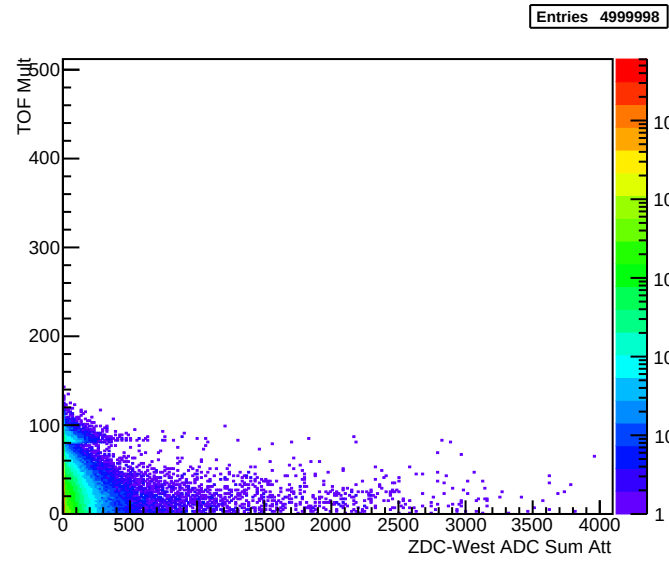

Entries 4999998
TOF Mult
BBC-S-East ADC Sum

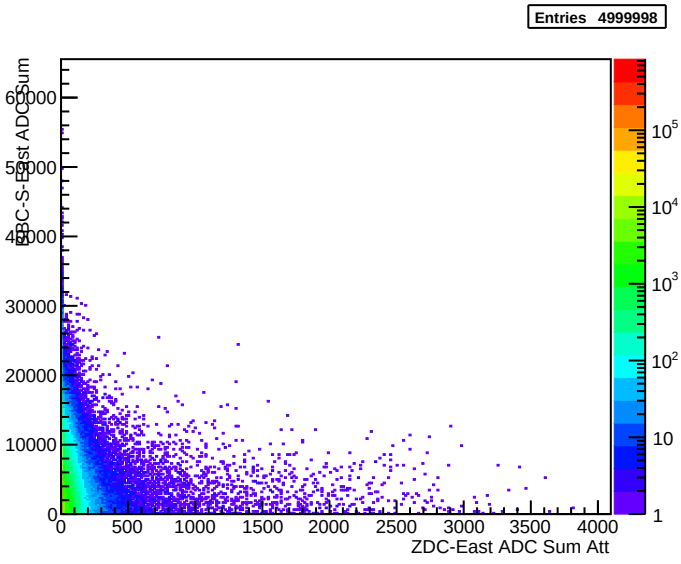

Entries 4999998
TOF Mult
BBC-S-West ADC Sum

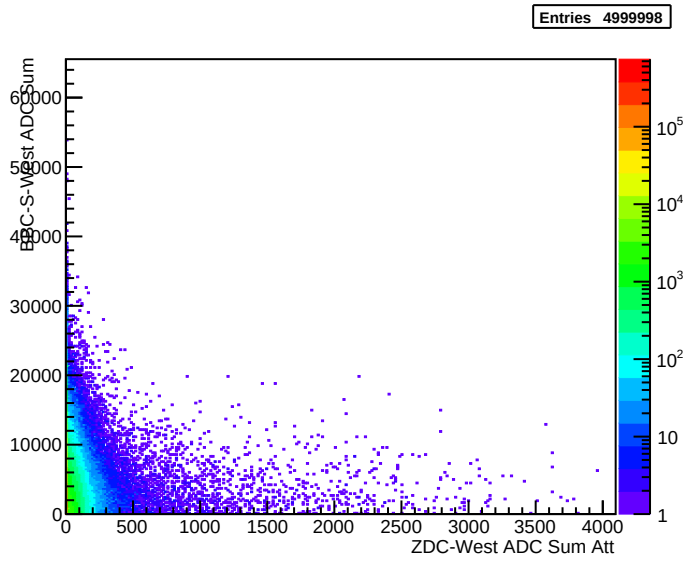

Entries 4999998
TOF Mult
VPD-East ADC Sum

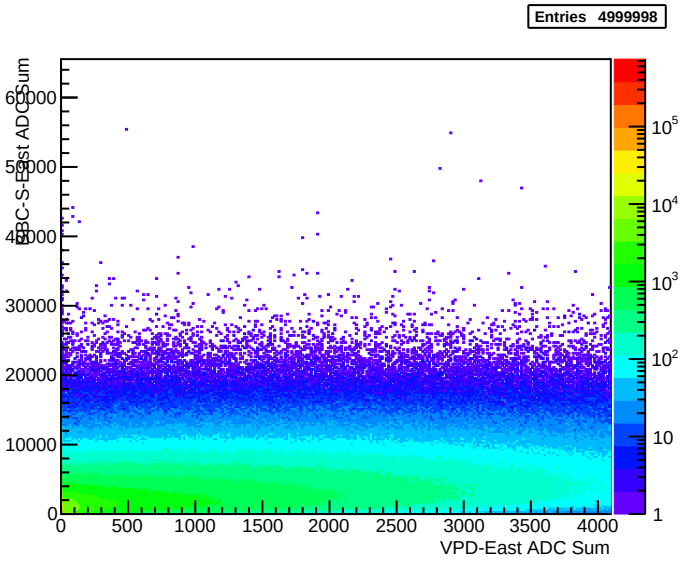

Entries 4999998
TOF Mult
VPD-West ADC Sum

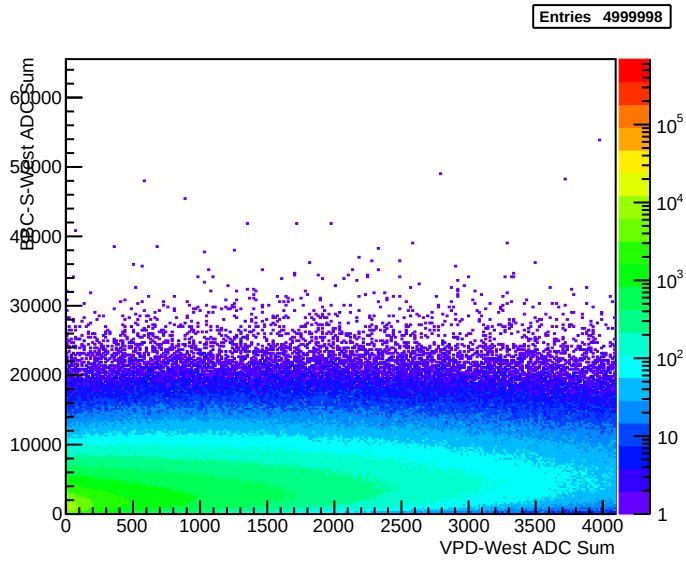

Entries 4999998
TOF Mult
ZDC-East ADC Sum Att

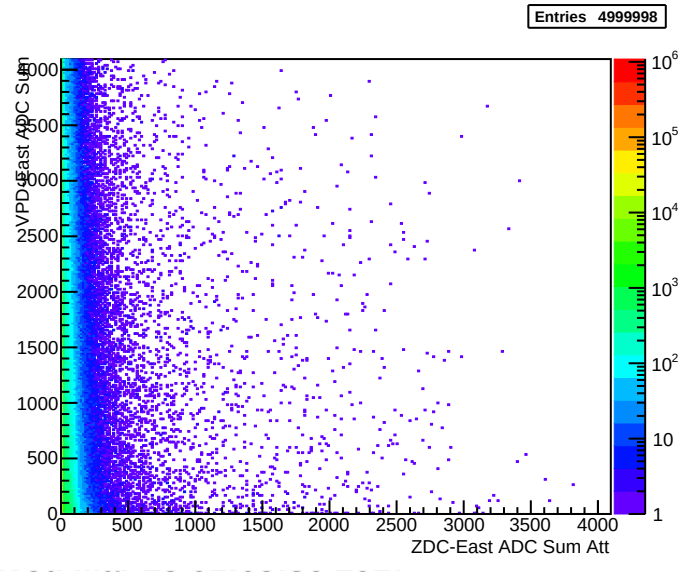

Entries 4999998
TOF Mult
ZDC-West ADC Sum Att

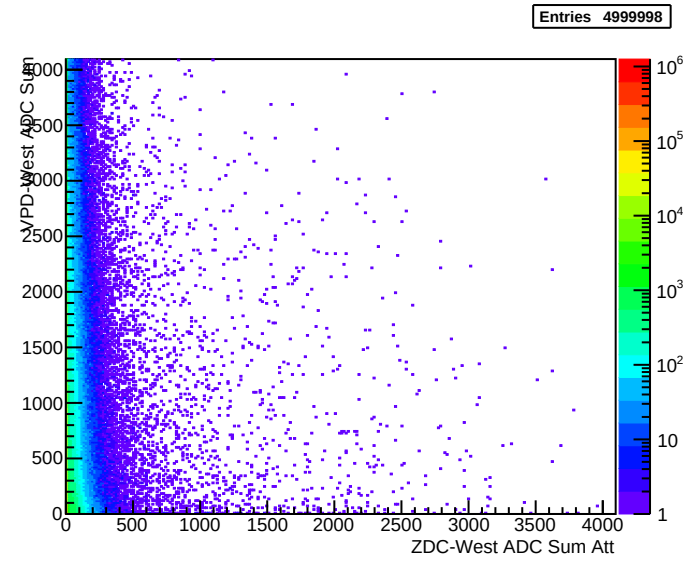

Entries 4999998
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

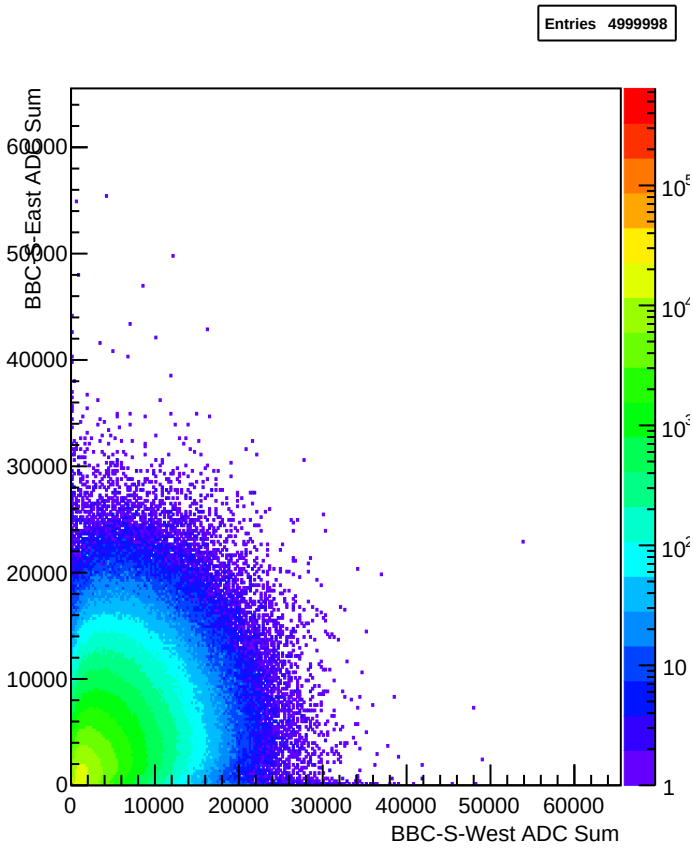

Entries 4999998
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

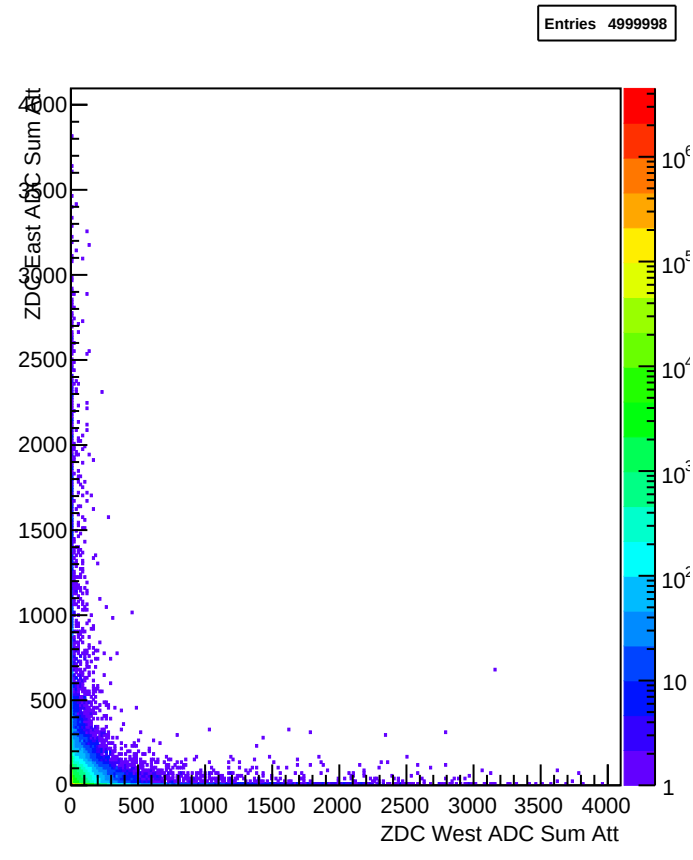

Entries 4999998
BBC-S-East ADC Sum
VPD-East ADC Sum

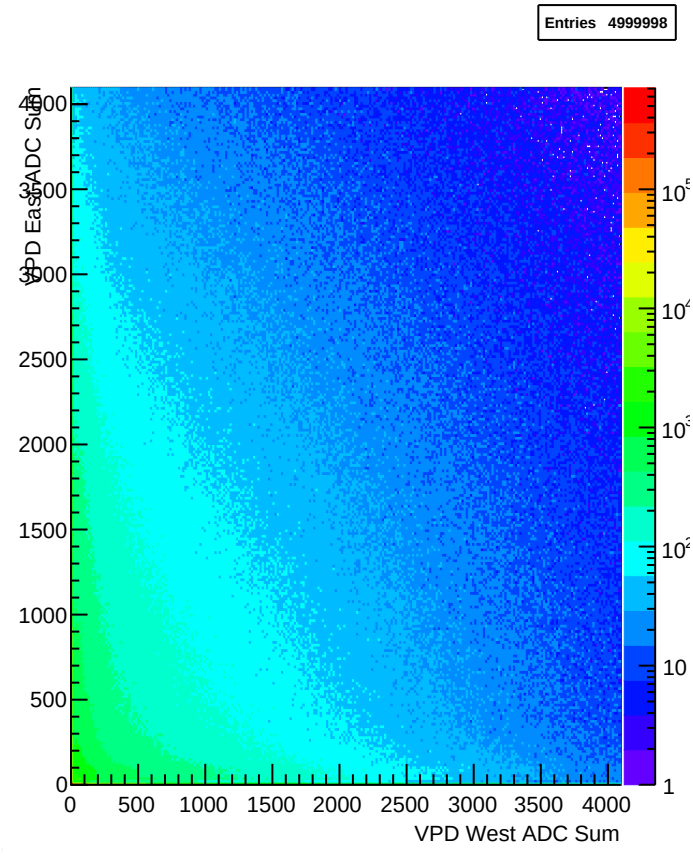

Entries 4999998
BBC-S-West ADC Sum
VPD-West ADC Sum

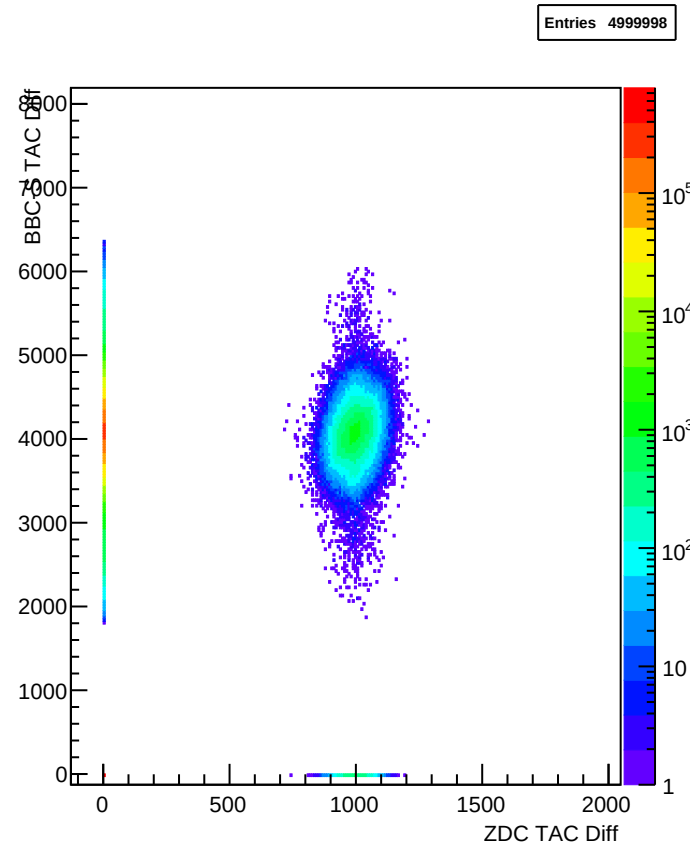

Entries 4999998
VPD-East ADC Sum
ZDC-East ADC Sum Att

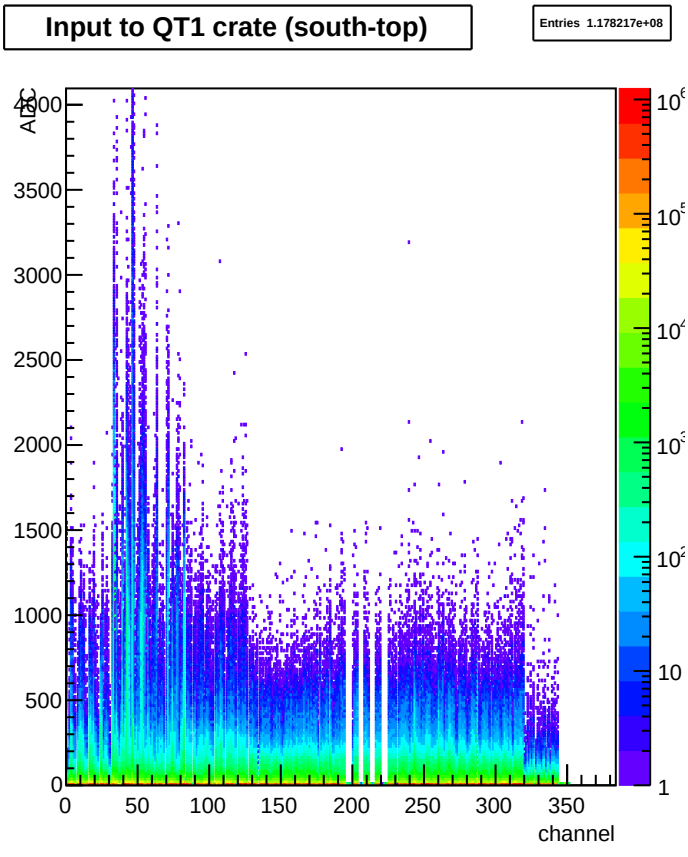

Entries 4999998
VPD-West ADC Sum
ZDC-West ADC Sum Att

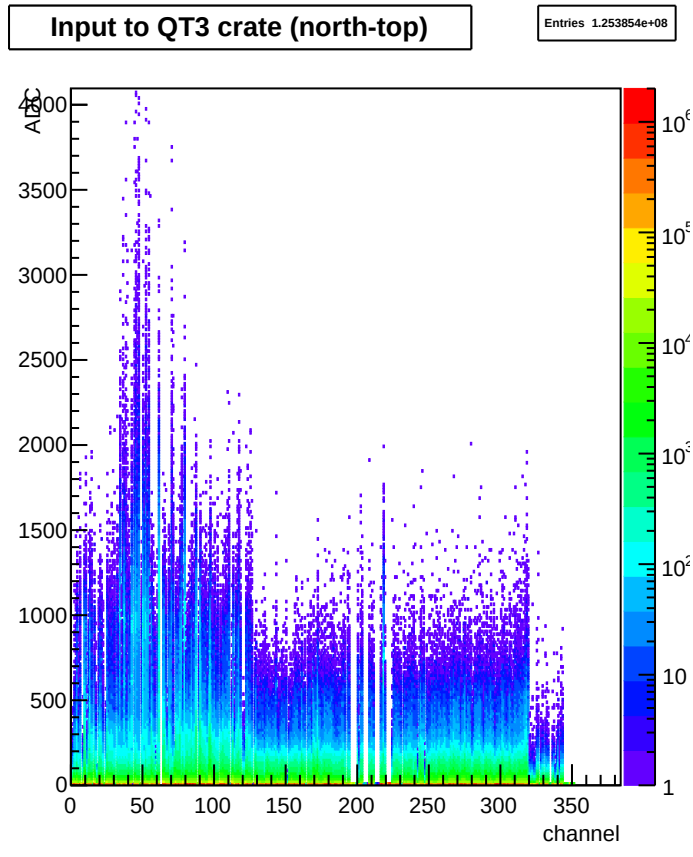

Entries 4999998
BBC-S-East ADC Sum
BBC-S-West ADC Sum

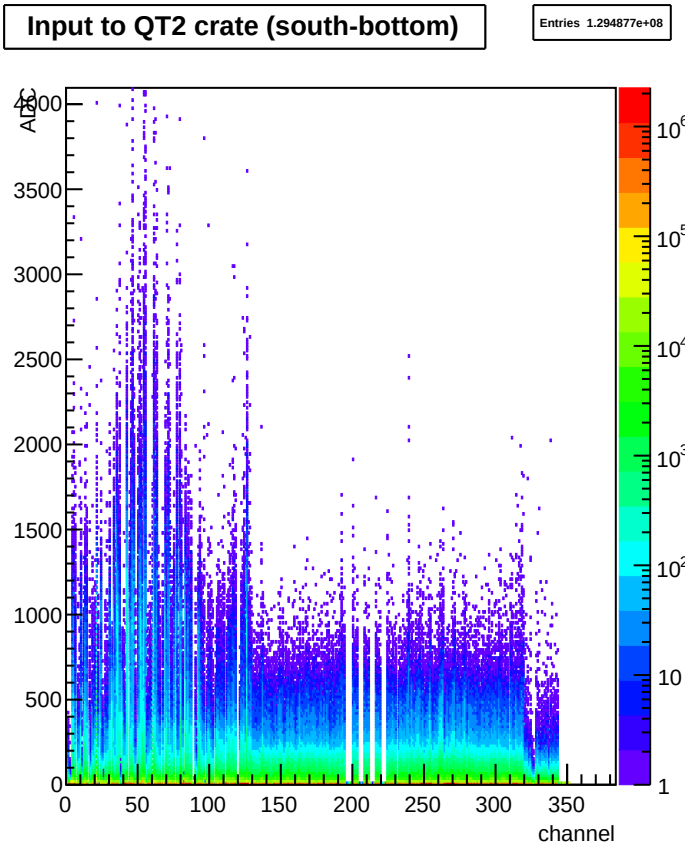

Entries 4999998
ZDC East ADC Sum Att
ZDC West ADC Sum Att

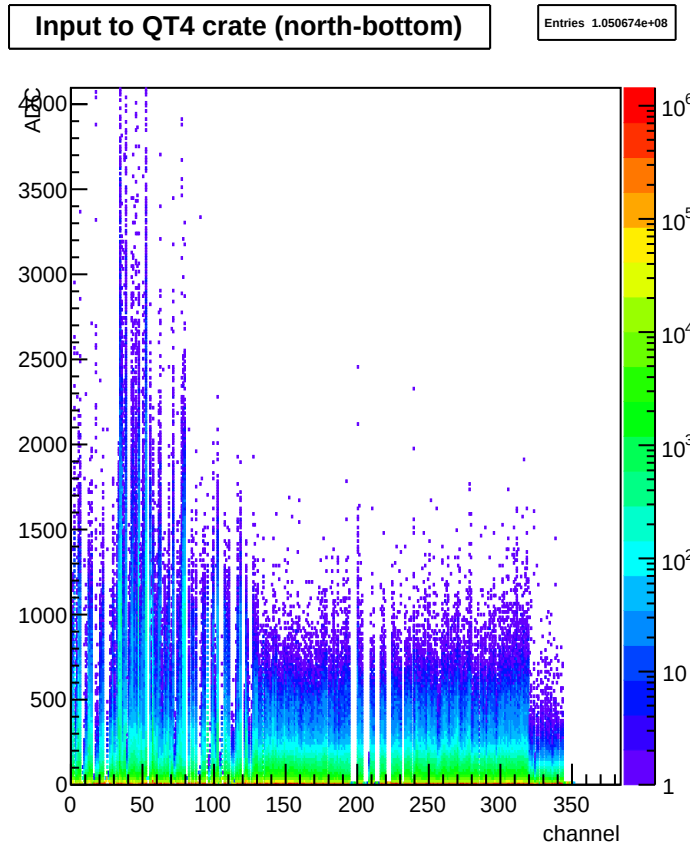

Entries 4999998
VPD East ADC Sum
VPD West ADC Sum

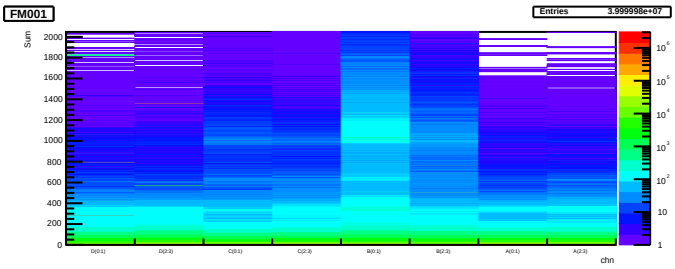

Entries 4999998
BBC-S TAC Diff
ZDC TAC Diff

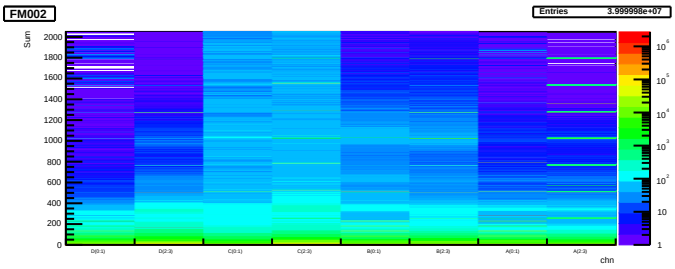

Input to QT1 crate (south-top)
Entries 1.178217e+08
ADC
channel

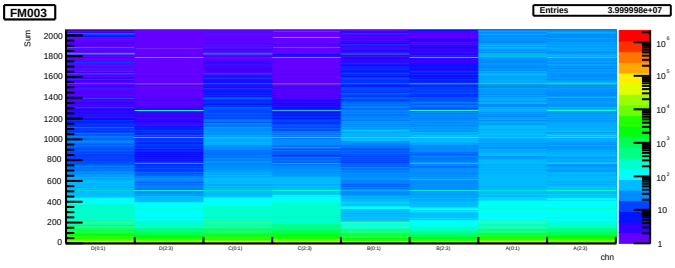

Input to QT3 crate (north-top)
Entries 1.253854e+08
ADC
channel

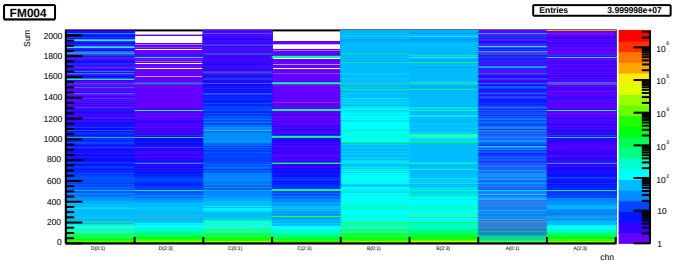

Input to QT2 crate (south-bottom)
Entries 1.294877e+08
ADC
channel

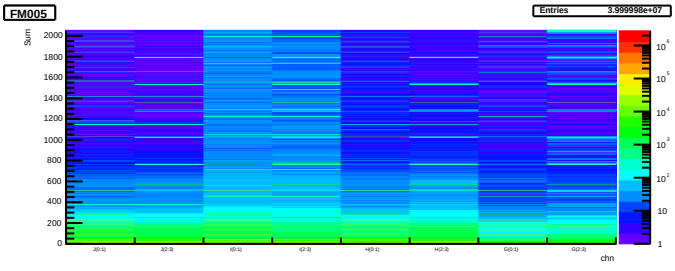

Input to QT4 crate (north-bottom)
Entries 1.050674e+08
ADC
channel

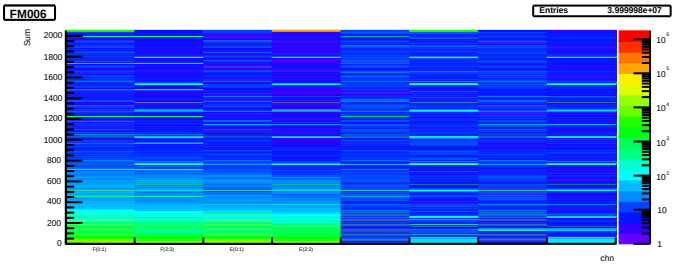

FM001
Entries 3.999998e+07
Sum
chn


FM002
Entries 3.999998e+07
Sum
chn


FM003
Entries 3.999998e+07
Sum
chn


FM004
Entries 3.999998e+07
Sum
chn


FM005
Entries 3.999998e+07
Sum
chn


FM006
Entries 3.999998e+07
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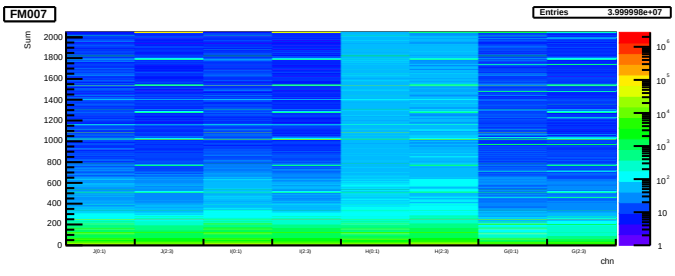
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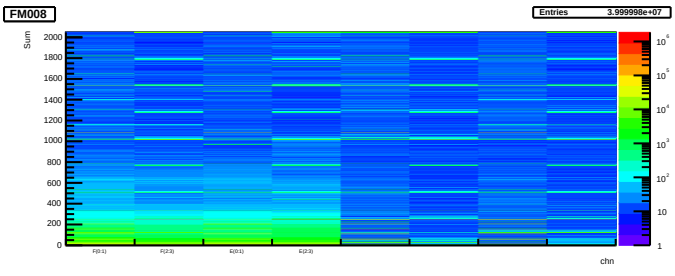
FM008
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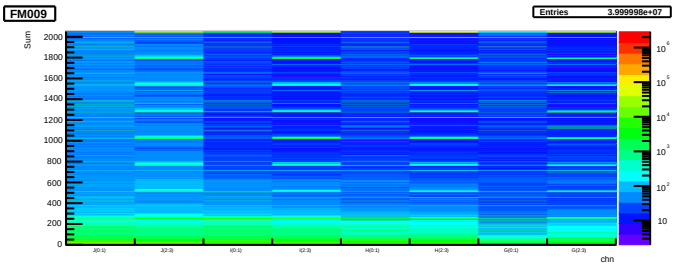
FM009
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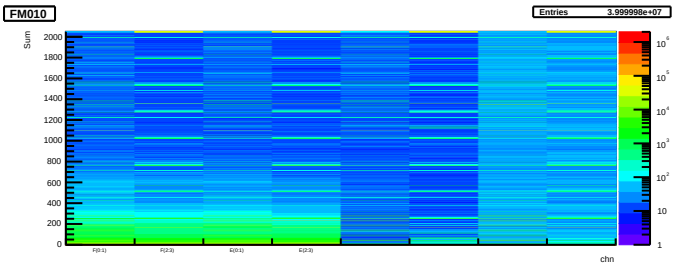
FM010
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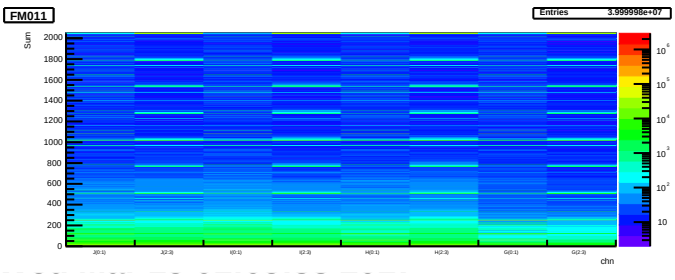
FM011
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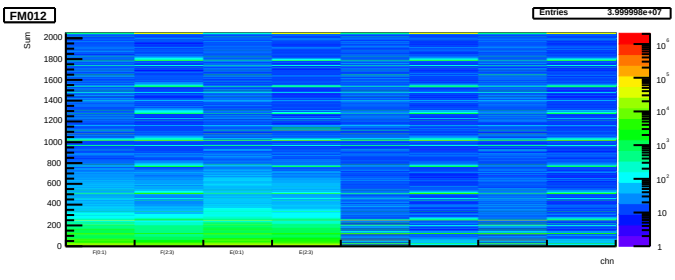
FM012
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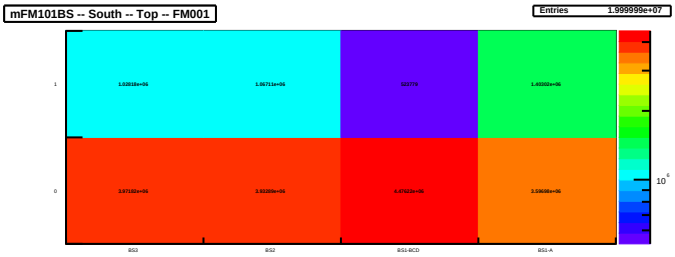
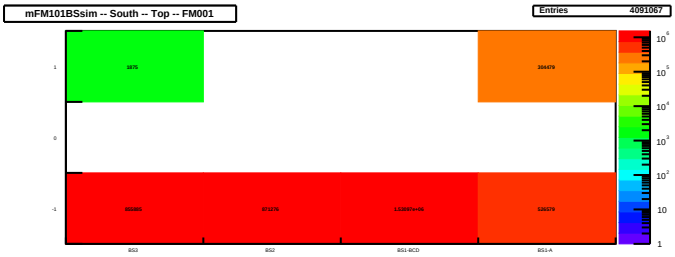

mFM101BS -- South -- Top -- FM001
Entries 1.999999e+07
BS3
BS2
BS1-BCD
BS1-A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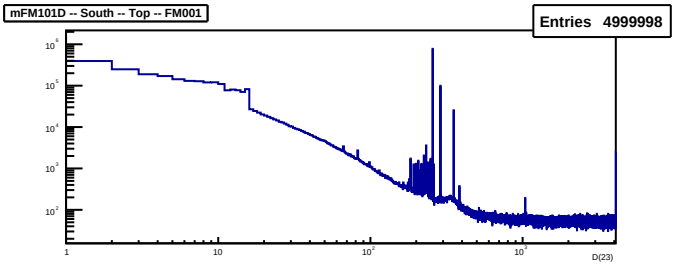
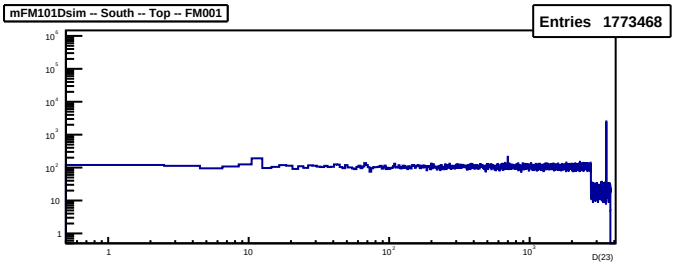
BS1-A


mFM101D -- South -- Top -- FM001
Entries 4999998
D(23)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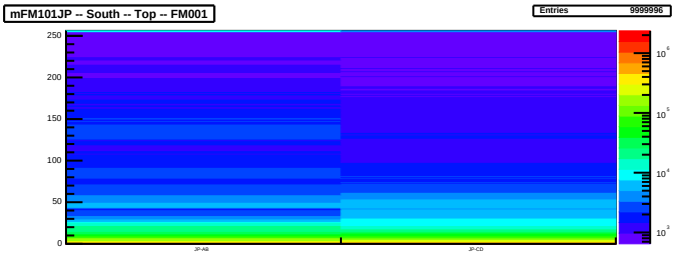
Entries 1773468
D(23)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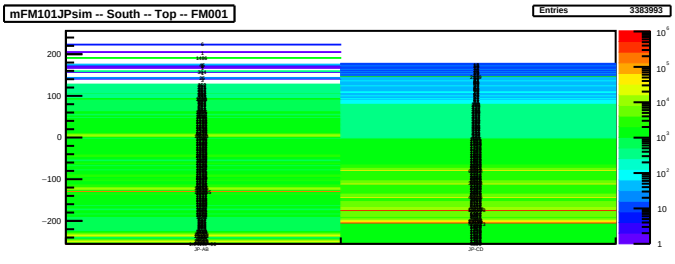
Entries 9999996
JP-AB
JP-CD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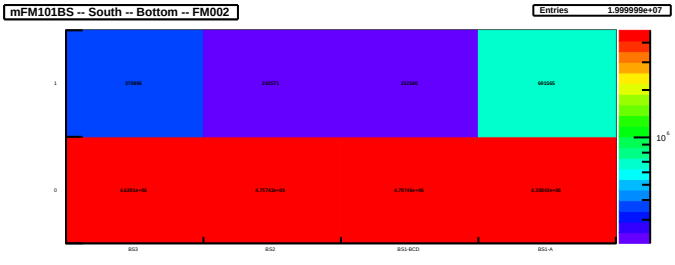
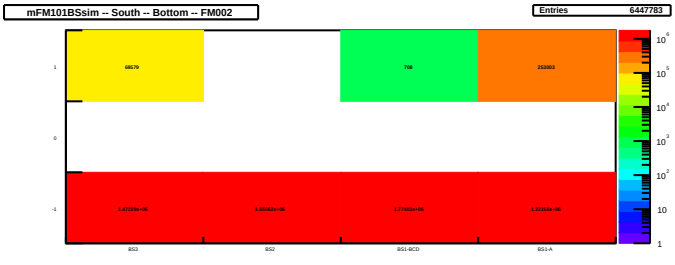
Entries 3383993
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 1.999999e+07
BS3
BS2
BS1-BCD
BS1-A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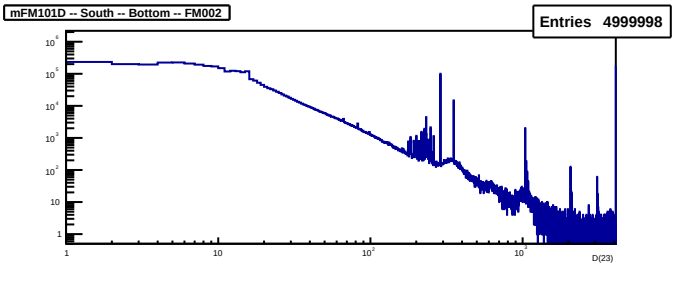
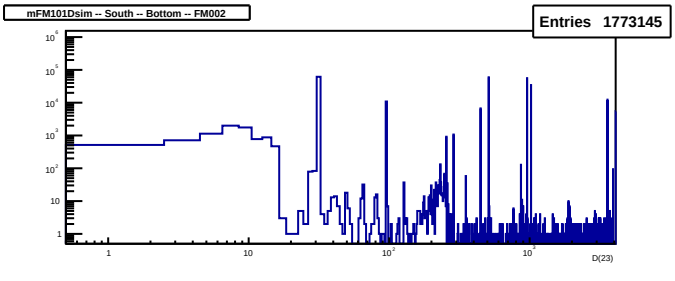
Entries 6447783
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 4999998
D(23)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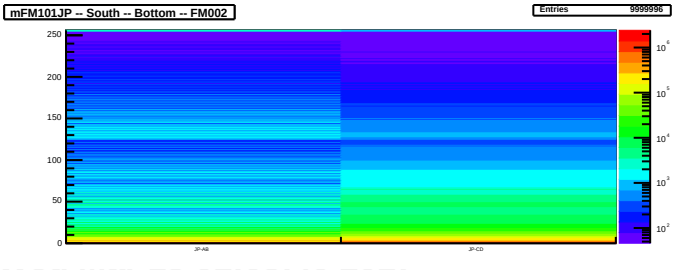
Entries 1773145
D(23)


mFM101JP -- South -- Bottom -- FM002
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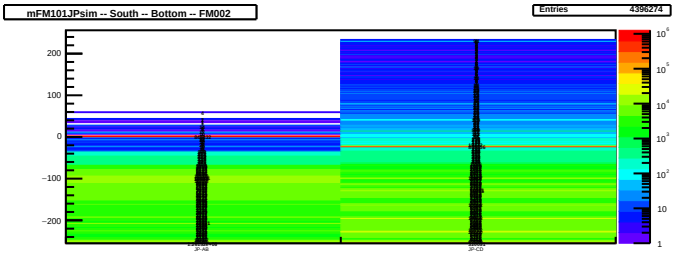
JP-AB
JP-CD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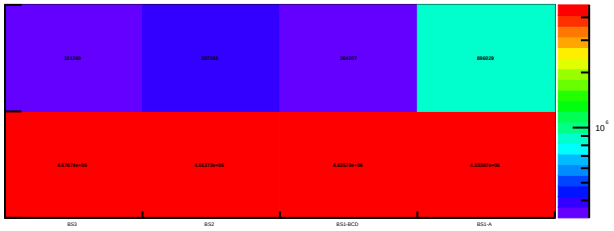
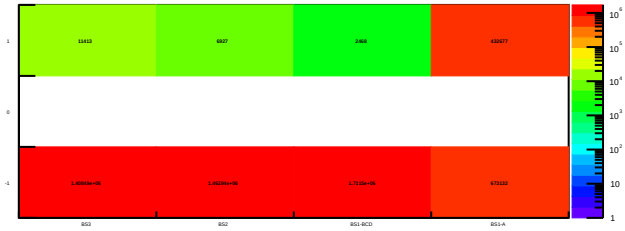
Entries 4396274
JP-AB
JP-CD

mFM102BS -- North -- Top -- FM003



mFM102BSsim -- North -- Top -- FM003



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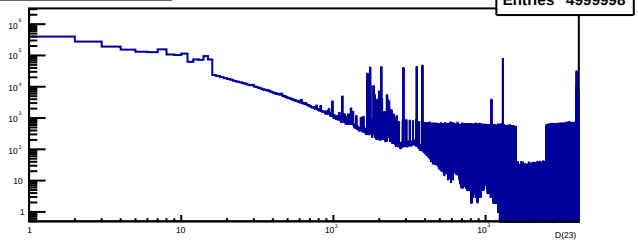

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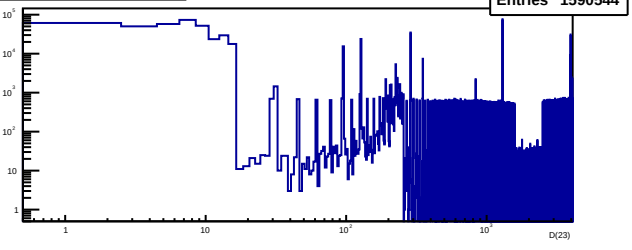

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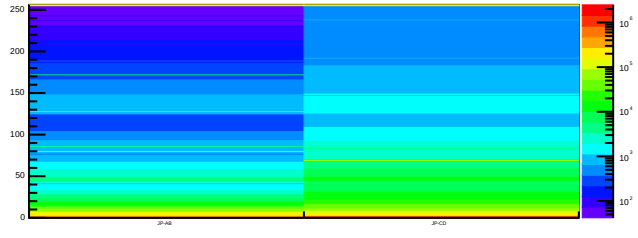
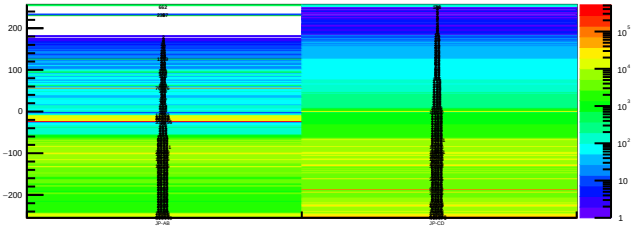
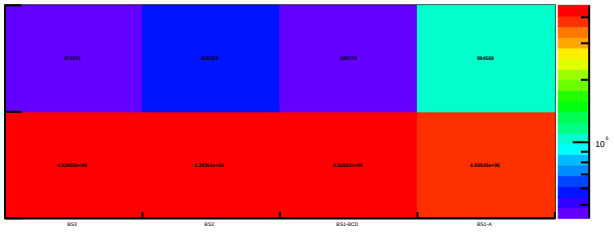


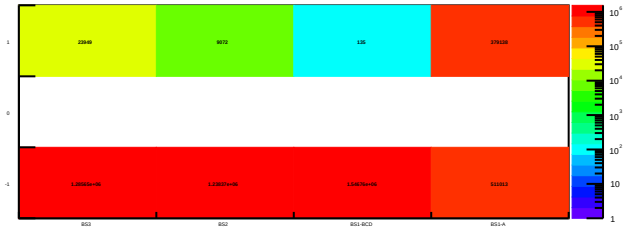
mFM102JPsim -- South -- Top -- FM003



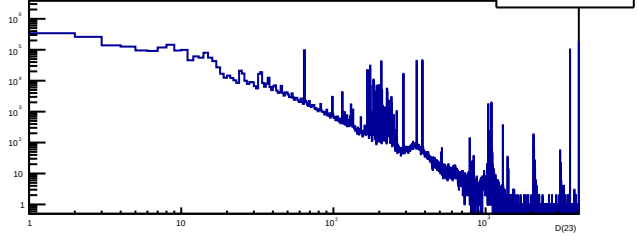
mFM102BS -- North -- Bottom -- FM004



mFM102BSsim -- North -- Bottom -- FM004



mFM102D -- South -- Bottom -- FM004



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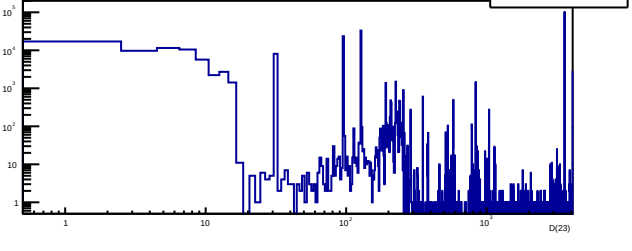

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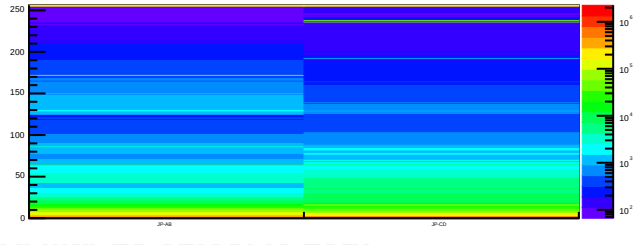

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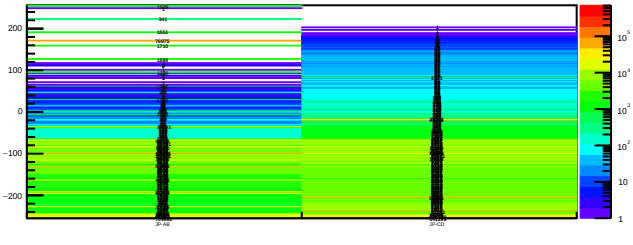
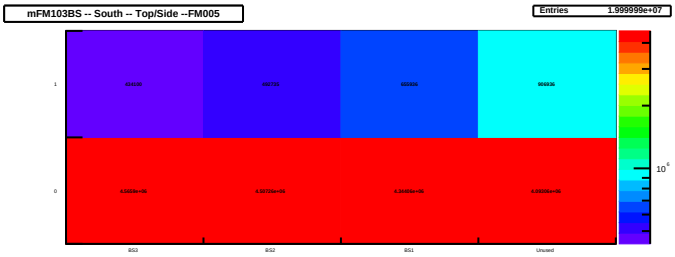
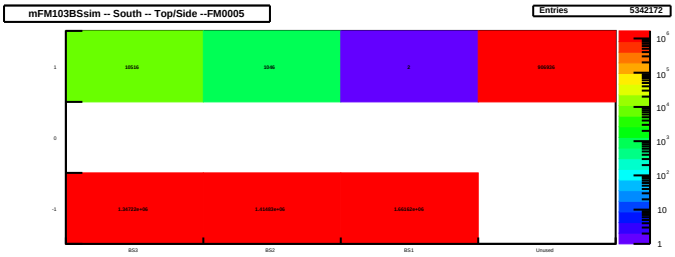



mFM103BS -- South -- Top/Side --FM005
Entries 1.999999e+07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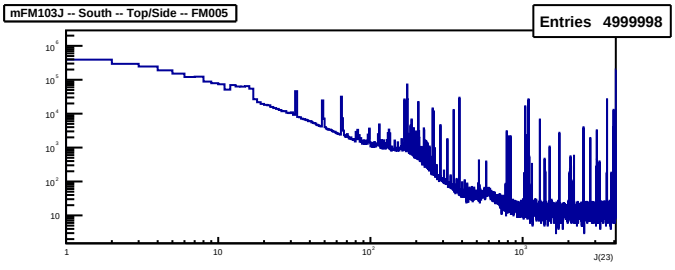
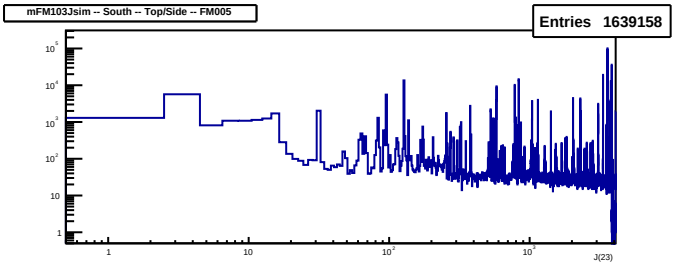
Entries 5342172


mFM103J -- South -- Top/Side -- FM005
Entries 4999998
J(23)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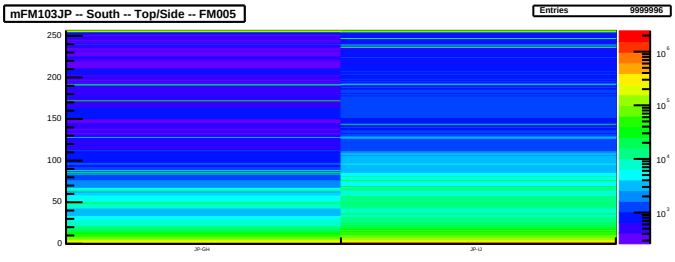
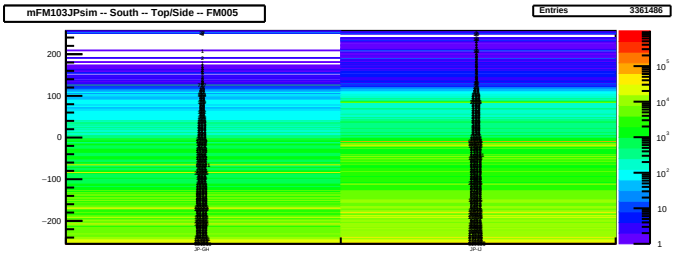
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 9999996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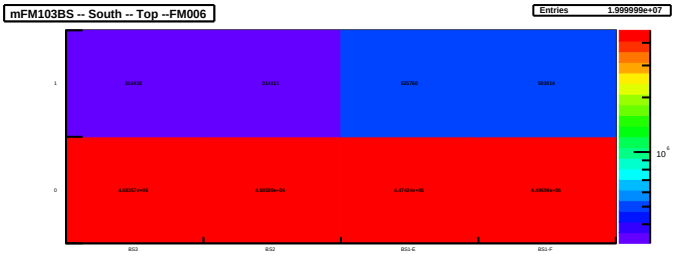
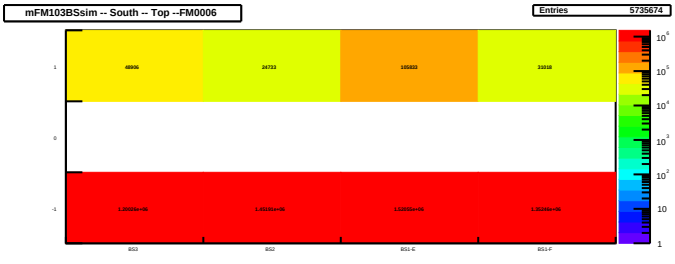
Entries 3361486


mFM103BS -- South -- Top --FM006
Entries 1.999999e+07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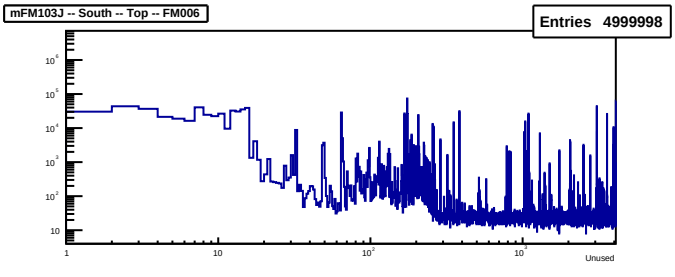
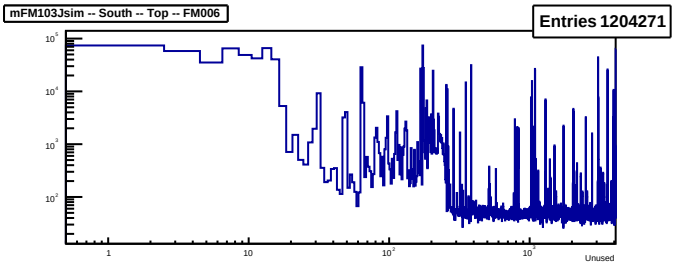
Entries 5735674


mFM103J -- South -- Top -- FM006
Entries 4999998
Unused


mFM103Jsim -- South -- Top -- FM006
Entries 1204271
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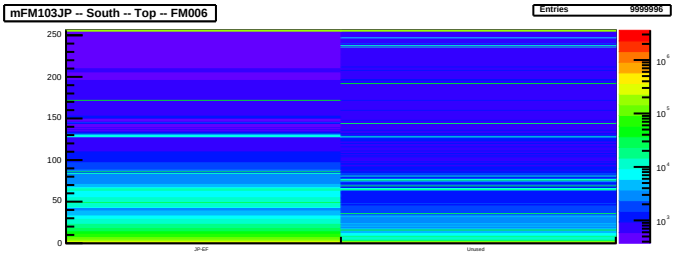
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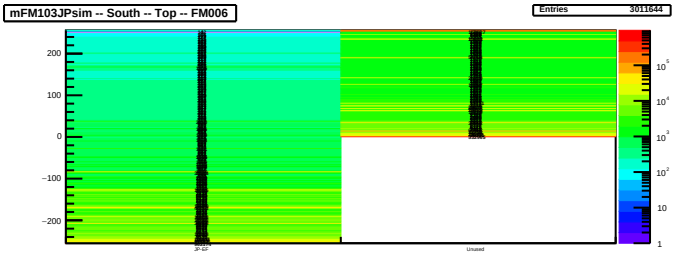
Entries 9999996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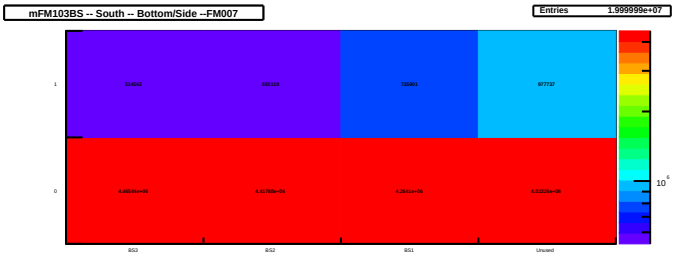
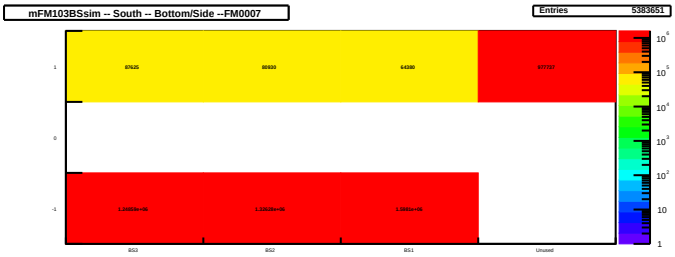

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.999999e+07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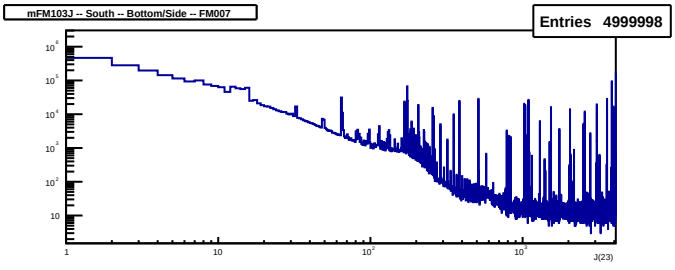
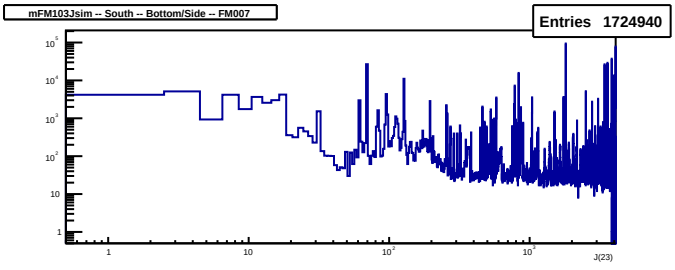
Entries 5383651


mFM103J -- South -- Bottom/Side -- FM007
Entries 4999998
J(23)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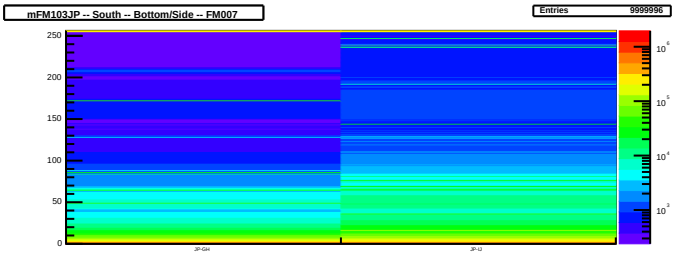
Entries 1724940
J(23)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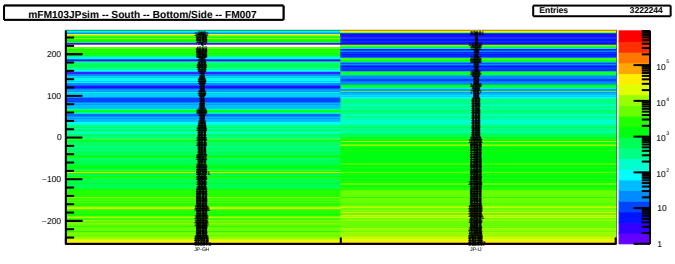
Entries 9999996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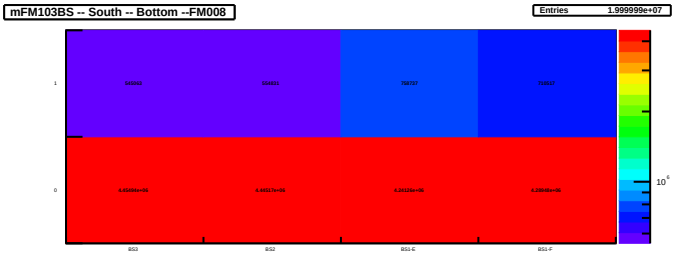
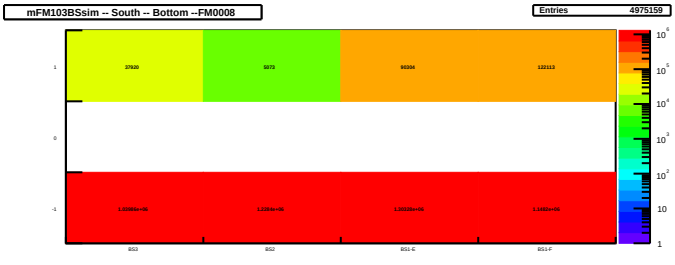

mFM103BS -- South -- Bottom --FM008
Entries 1.999999e+07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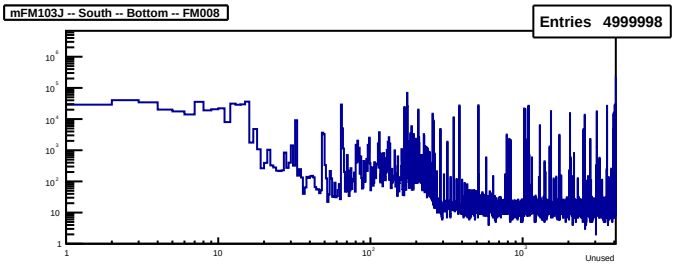
Entries 4975159


mFM103J -- South -- Bottom -- FM008
Entries 4999998
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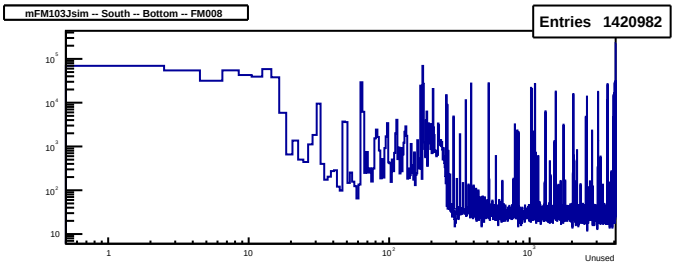
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Entries 1420982
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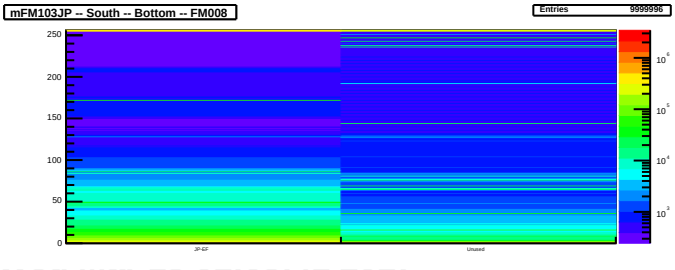
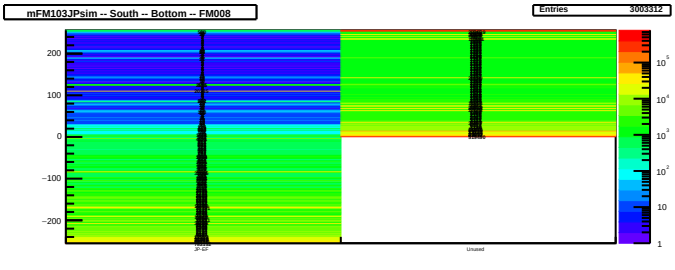
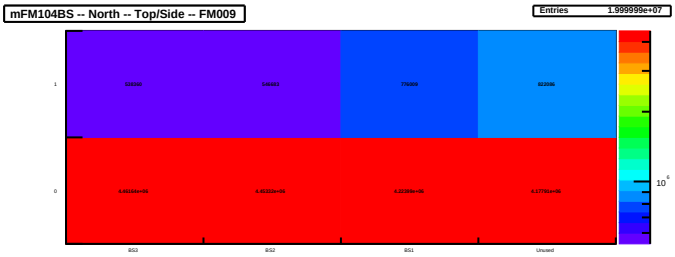
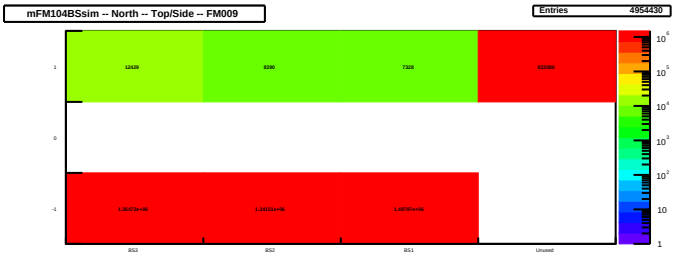
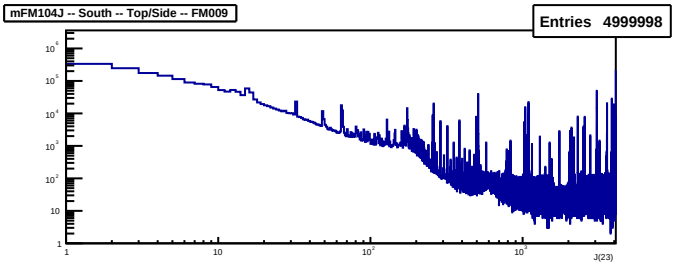
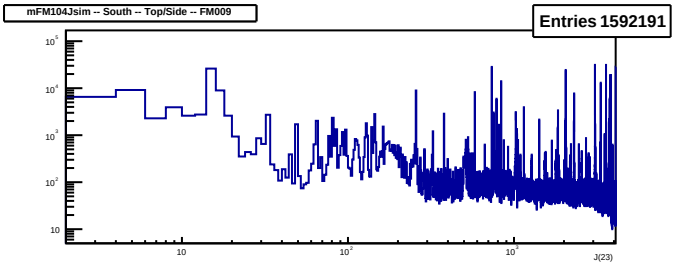

mFM103JP -- South -- Bottom -- FM008
Entries 9999996


mFM103JPsim -- South -- Bottom -- FM008
Entries 3003312


mFM104BS -- North -- Top/Side -- FM009
Entries 1.999999e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 4954430


mFM104J -- South -- Top/Side -- FM009
Entries 4999998
J(23)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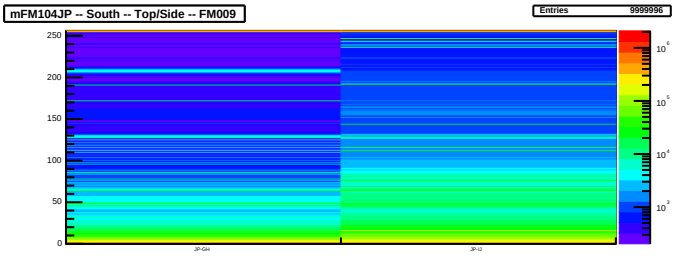
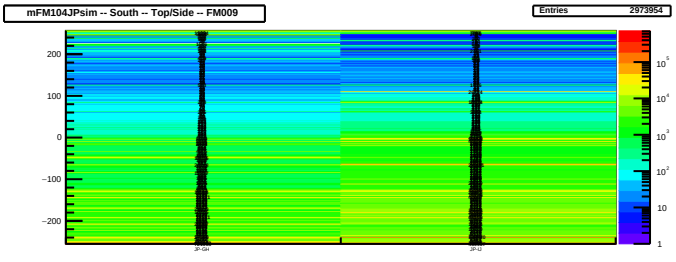
Entries 1592191
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 9999996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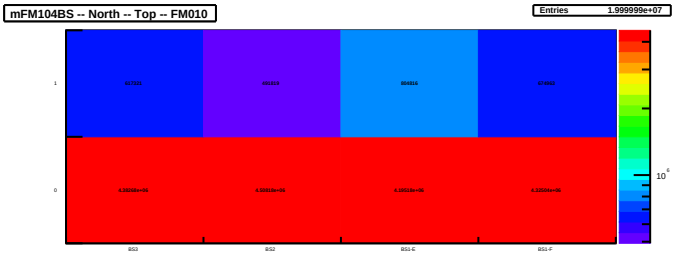
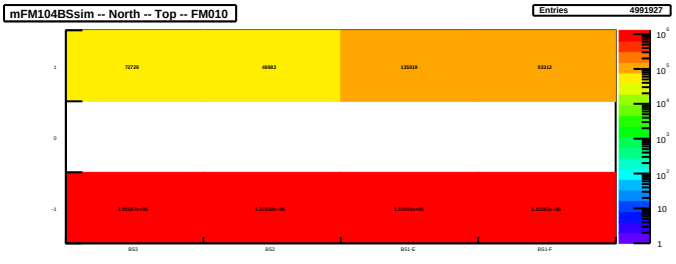
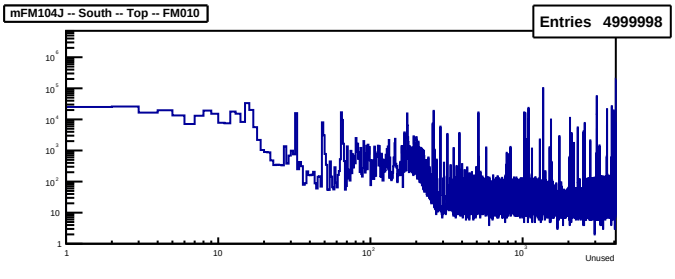
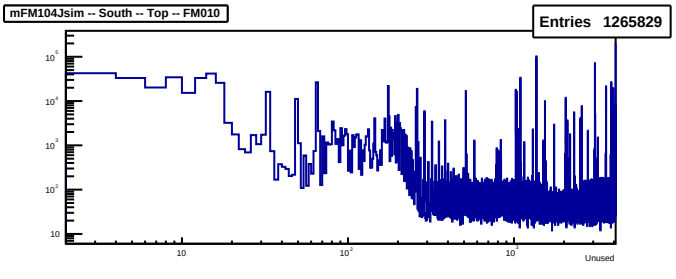
Entries 2973954


mFM104BS -- North -- Top -- FM010
Entries 1.999999e+07


mFM104BSsim -- North -- Top -- FM010
Entries 4991927


mFM104J -- South -- Top -- FM010
Entries 4999998
Unused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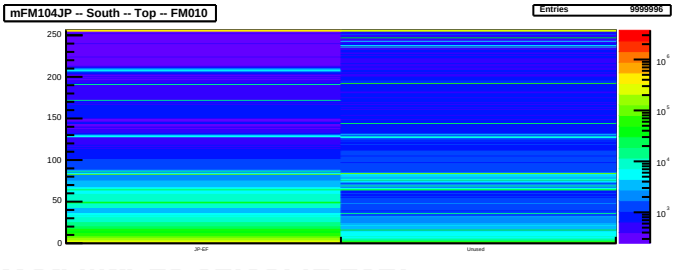
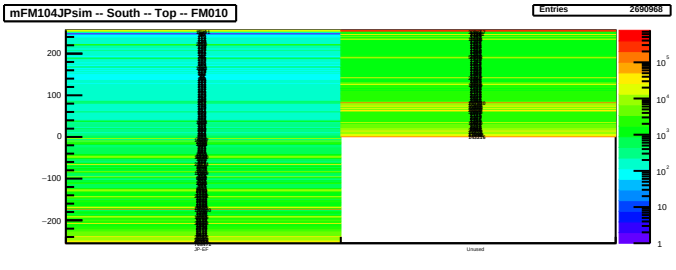
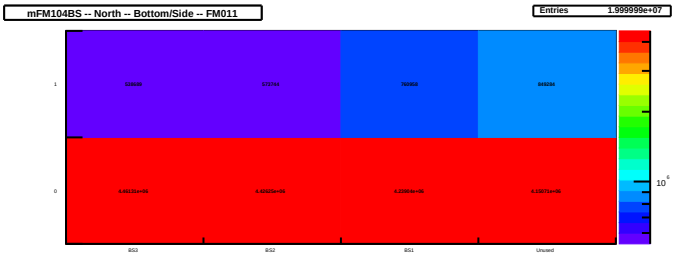
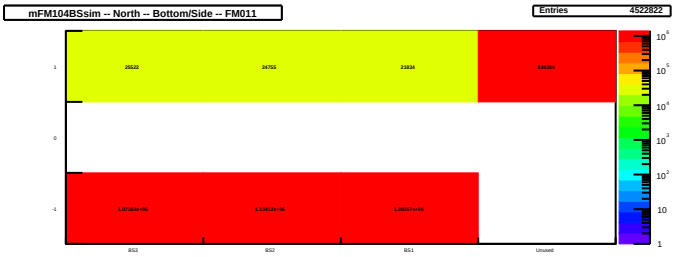
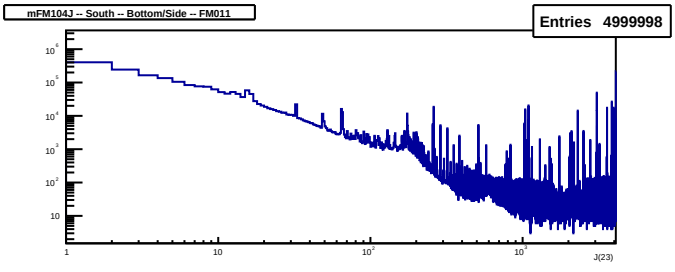
Entries 1265829
Unused

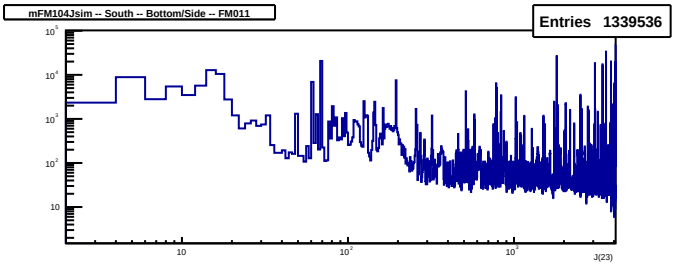

mFM104JP -- South -- Top -- FM010
Entries 9999996

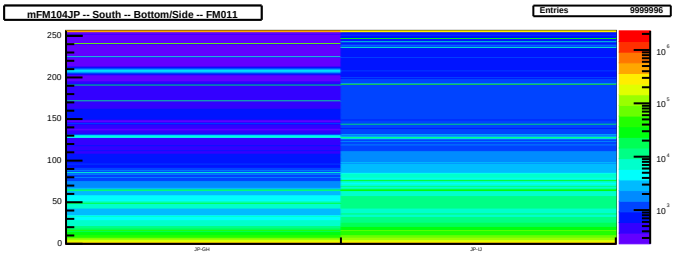

mFM104JPsim -- South -- Top -- FM010
Entries 2690968

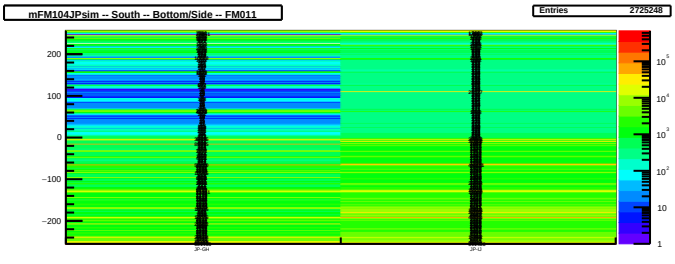

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.999999e+07

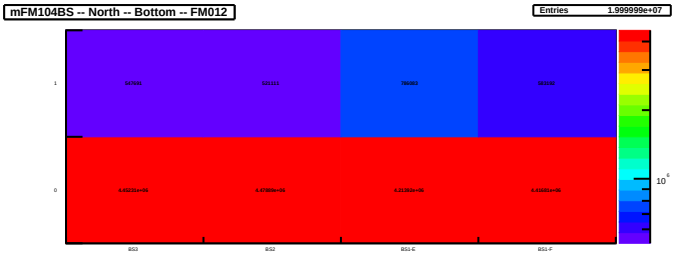

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4522822

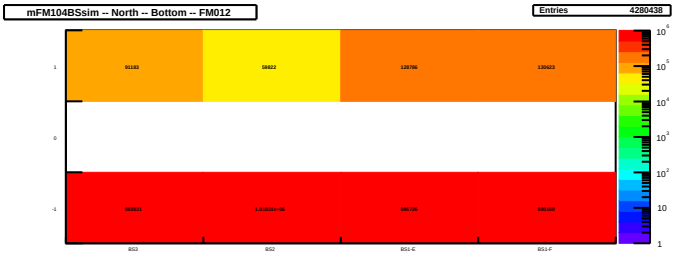

mFM104J -- South -- Bottom/Side -- FM011
Entries 4999998
J(23)

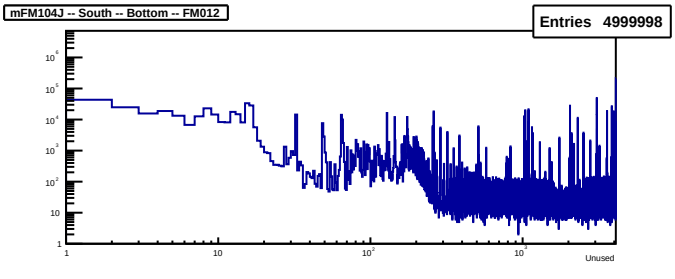

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1339536
J(23)

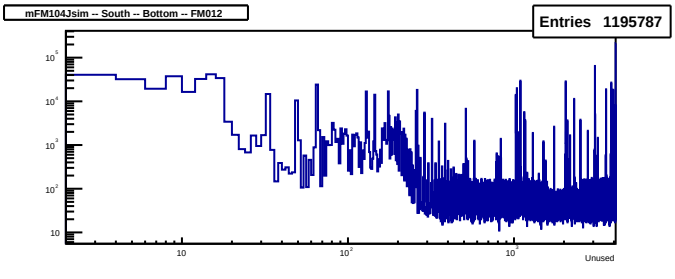

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9999996


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2725248


mFM104BS -- North -- Bottom -- FM012
Entries 1.999999e+07


mFM104BSsim -- North -- Bottom -- FM012
Entries 4280438


mFM104J -- South -- Bottom -- FM012
Entries 4999998
Unused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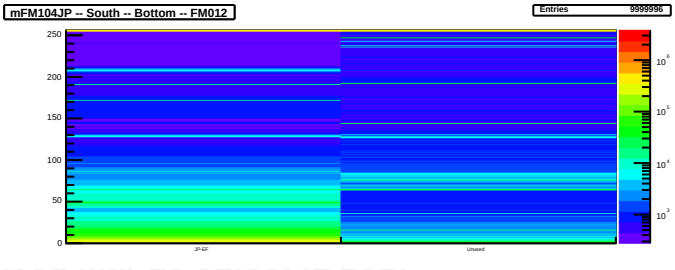
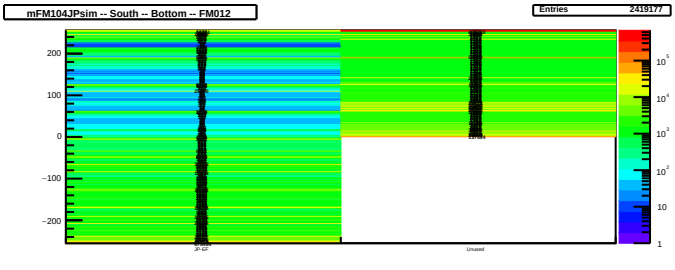
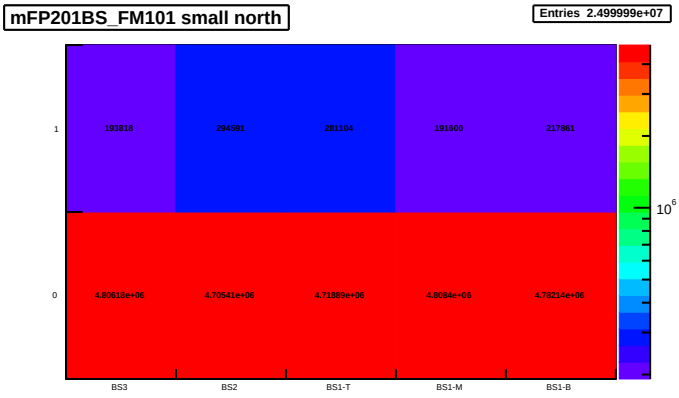
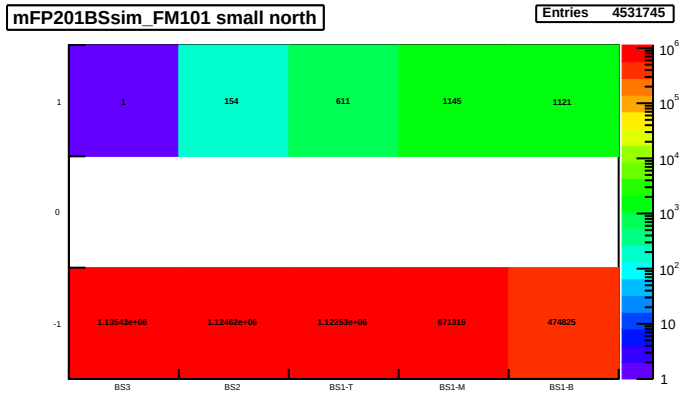
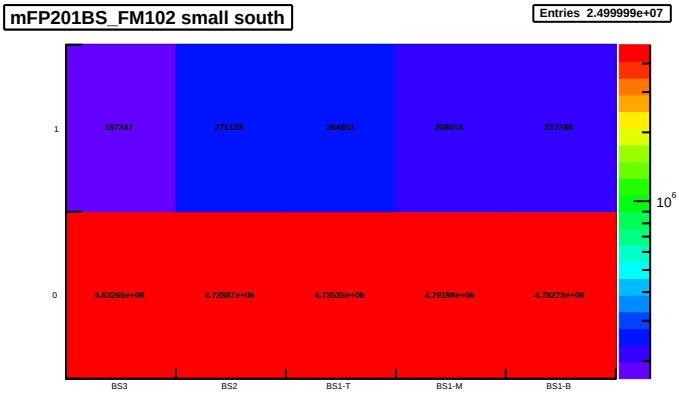
Entries 1195787
Unused

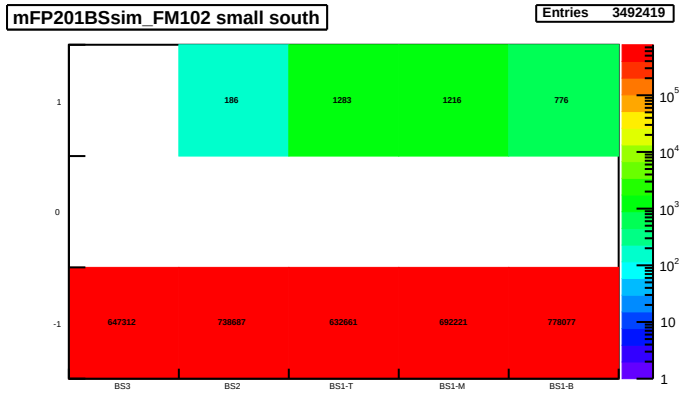

mFM104JP -- South -- Bottom -- FM012
Entries 9999996

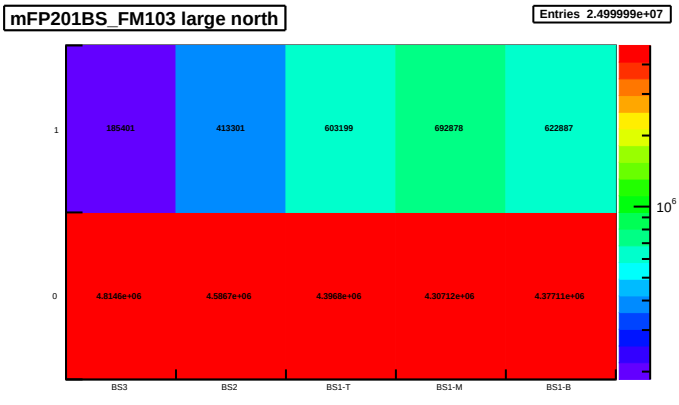

mFM104JPsim -- South -- Bottom -- FM012
Entries 2419177

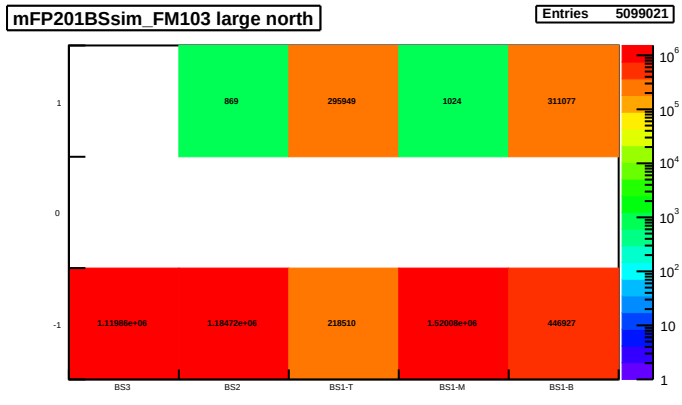

mFP201BS_FM101 small north
Entries 2.499999e+07
193818
294591
281104
191600
217861
4.80618e+06
4.70541e+06
4.71889e+06
4.8084e+06
4.78214e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

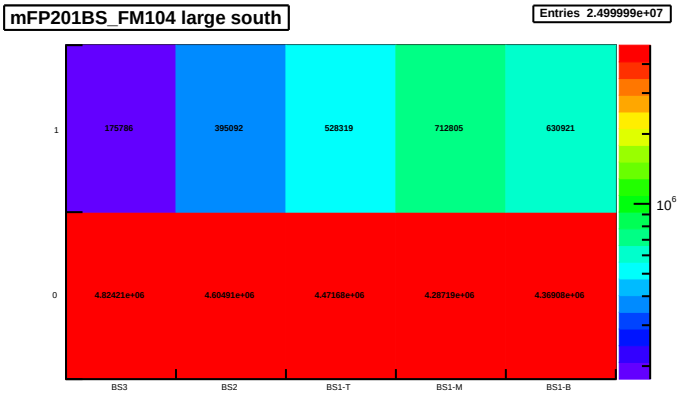

mFP201BSsim_FM101 small north
Entries 4531745
1
154
611
1145
1121
1.13543e+06
1.12462e+06
1.12253e+06
671316
474825
BS3
BS2
BS1-T
BS1-M
BS1-B

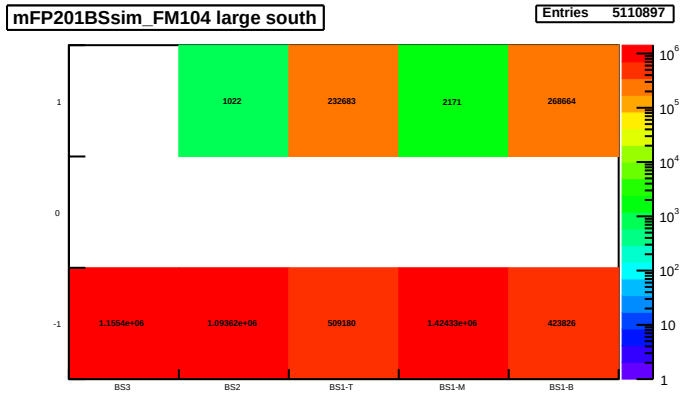

mFP201BS_FM102 small south
Entries 2.499999e+07
167347
271128
284651
208014
217268
4.83265e+06
4.72887e+06
4.73535e+06
4.79198e+06
4.78273e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

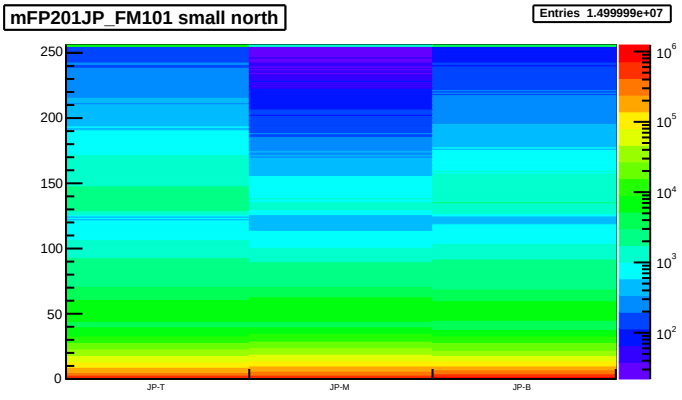

mFP201BSsim_FM102 small south
Entries 3492419
186
1283
1216
776
647312
738687
632661
692221
778077
BS3
BS2
BS1-T
BS1-M
BS1-B

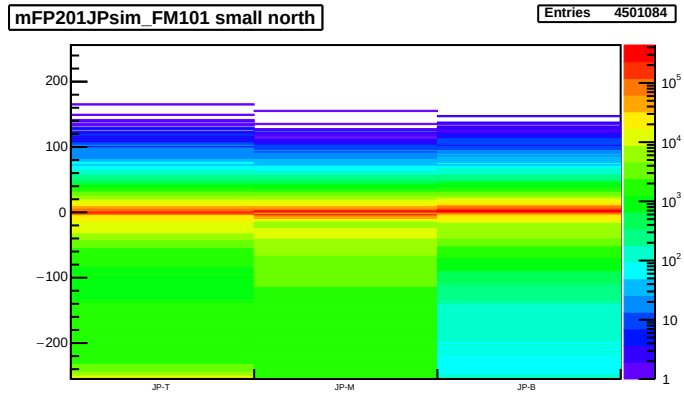

mFP201BS_FM103 large north
Entries 2.499999e+07
185401
413301
603199
692878
622887
4.8146e+06
4.5867e+06
4.3968e+06
4.30712e+06
4.37711e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

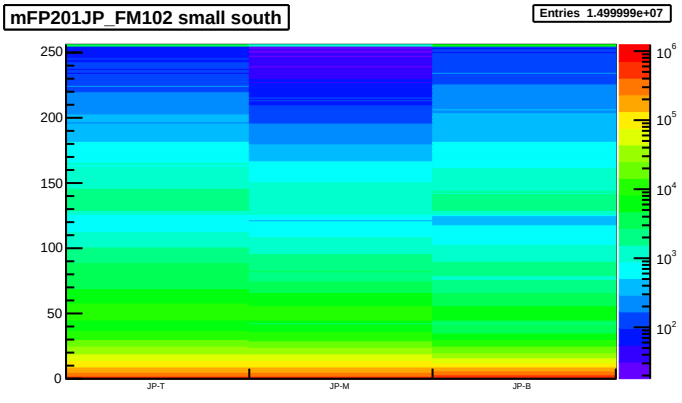

mFP201BSsim_FM103 large north
Entries 5099021
869
295949
1024
311077
1.11986e+06
1.18472e+06
218510
1.52008e+06
446927
BS3
BS2
BS1-T
BS1-M
BS1-B

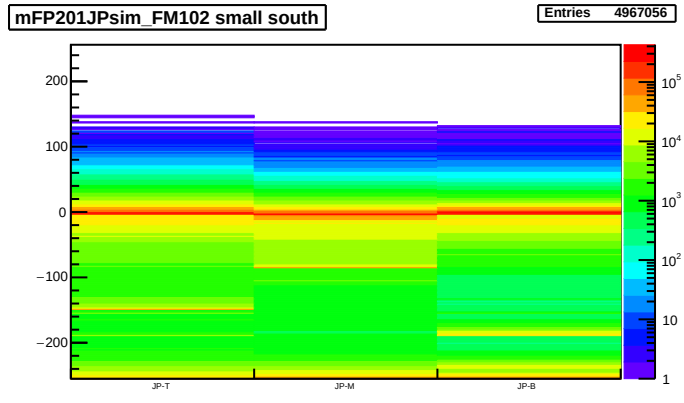

mFP201BS_FM104 large south
Entries 2.499999e+07
175786
395092
528319
712805
630921
4.82421e+06
4.60491e+06
4.47168e+06
4.28719e+06
4.36908e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

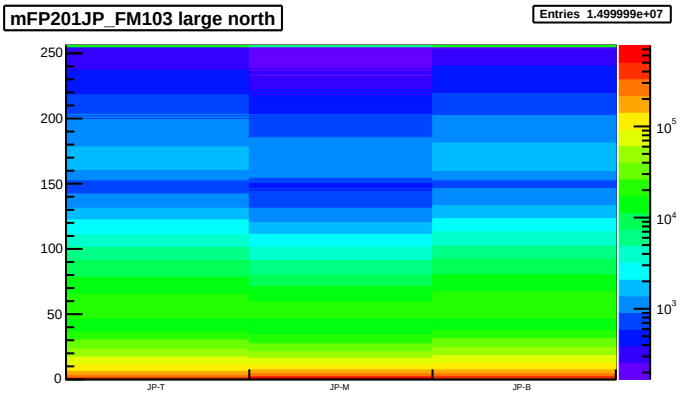

mFP201BSsim_FM104 large south
Entries 5110897
1022
232683
2171
268664
1.1554e+06
1.09362e+06
509180
1.42433e+06
423826
BS3
BS2
BS1-T
BS1-M
BS1-B

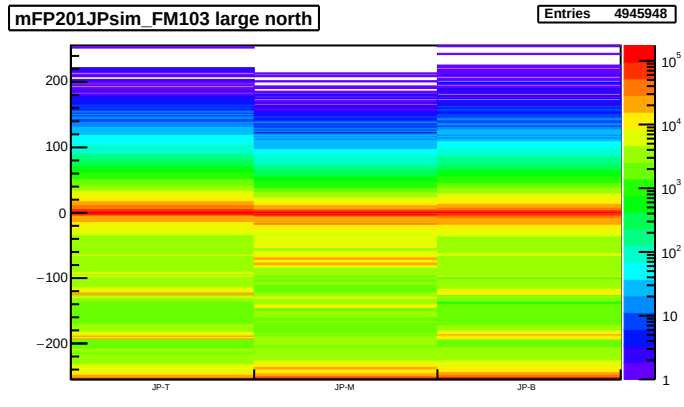

mFP201JP_FM101 small north
Entries 1.499999e+07
JP-T
JP-M
JP-B

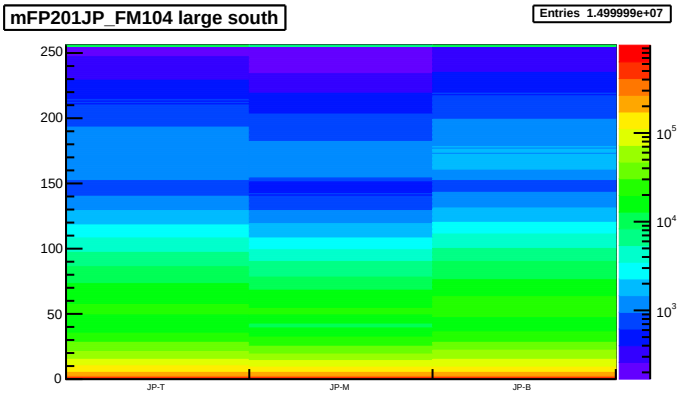

mFP201JPsim_FM101 small north
Entries 4501084
JP-T
JP-M
JP-B

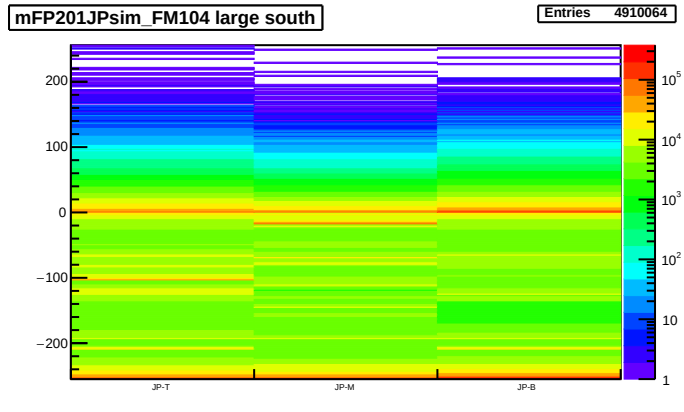

mFP201JP_FM102 small south
Entries 1.499999e+07
JP-T
JP-M
JP-B

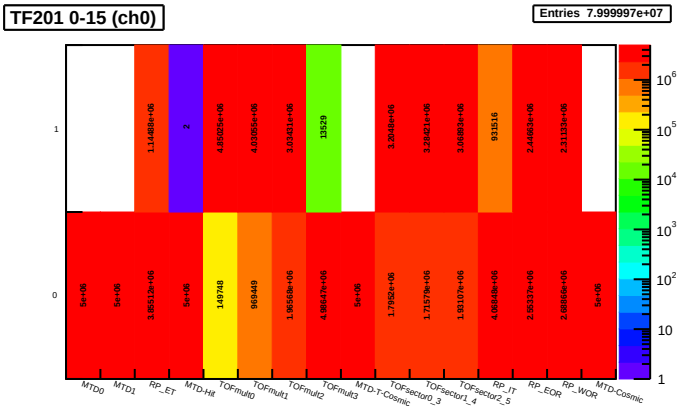

mFP201JPsim_FM102 small south
Entries 4967056
JP-T
JP-M
JP-B

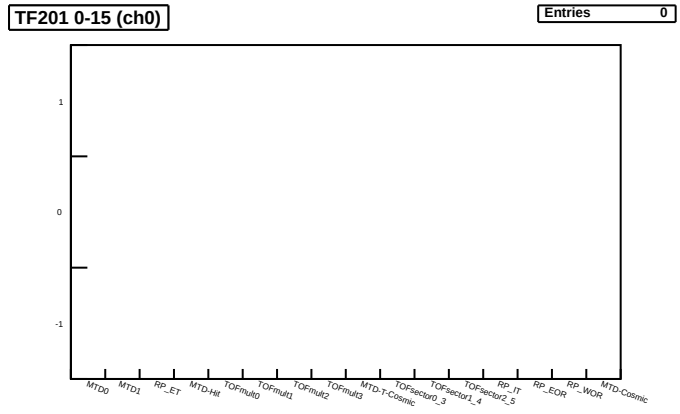

mFP201JP_FM103 large north
Entries 1.499999e+07
JP-T
JP-M
JP-B

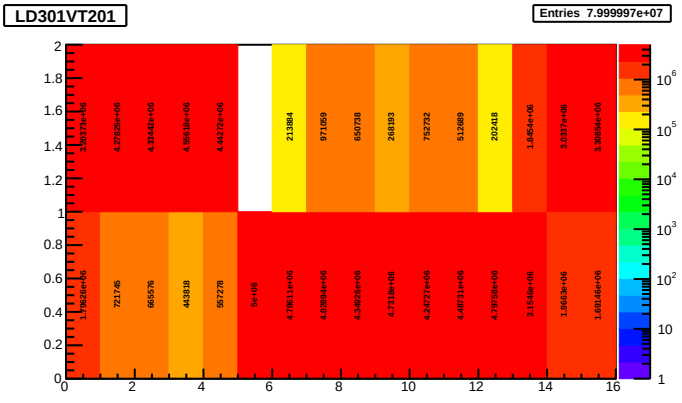

mFP201JPsim_FM103 large north
Entries 4945948
JP-T
JP-M
JP-B

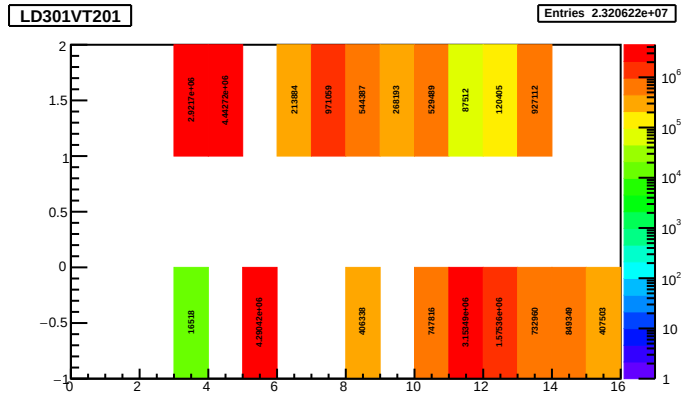

mFP201JP_FM104 large south
Entries 1.499999e+07
JP-T
JP-M
JP-B

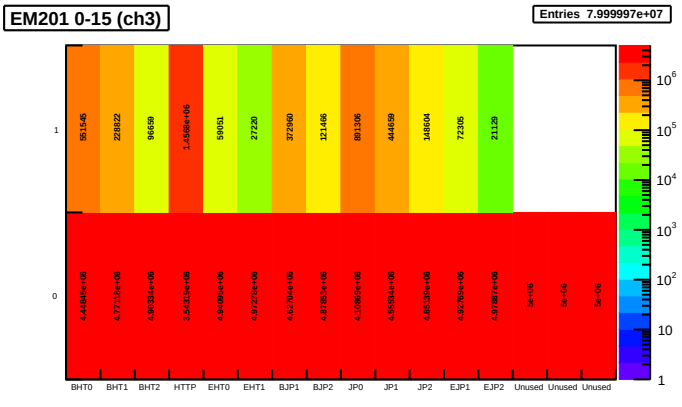

mFP201JPsim_FM104 large south
Entries 4910064
JP-T
JP-M
JP-B

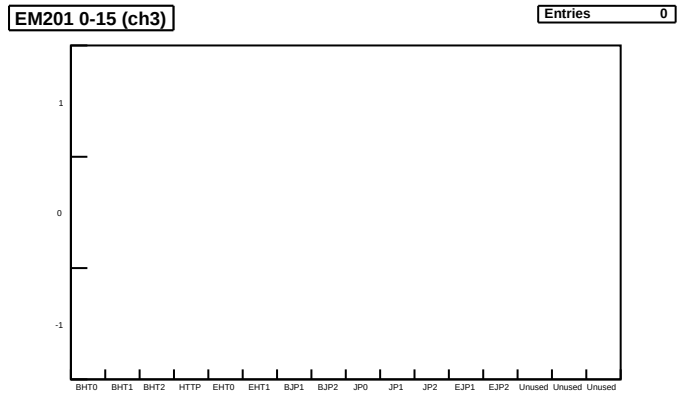

TF201 0-15 (ch0)
Entries 7.999997e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


LD301VT201
Entries 7.999997e+07


LD301VT201
Entries 2.320622e+07


EM201 0-15 (ch3)
Entries 7.999997e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused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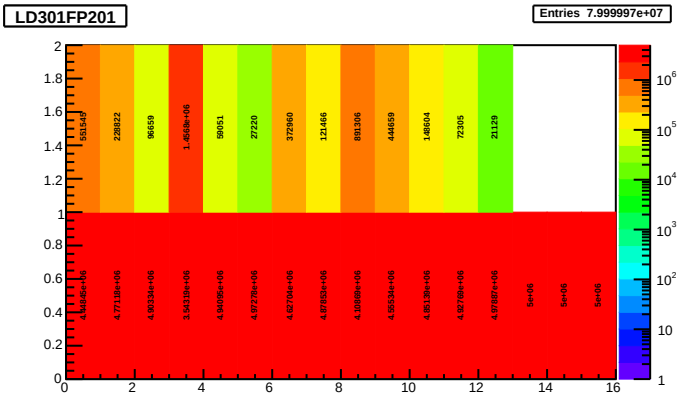
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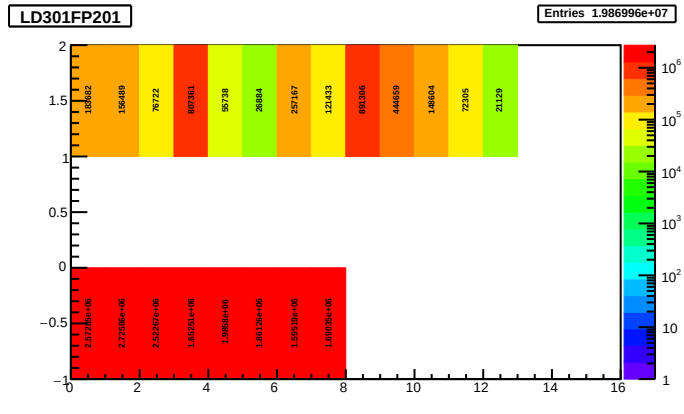
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