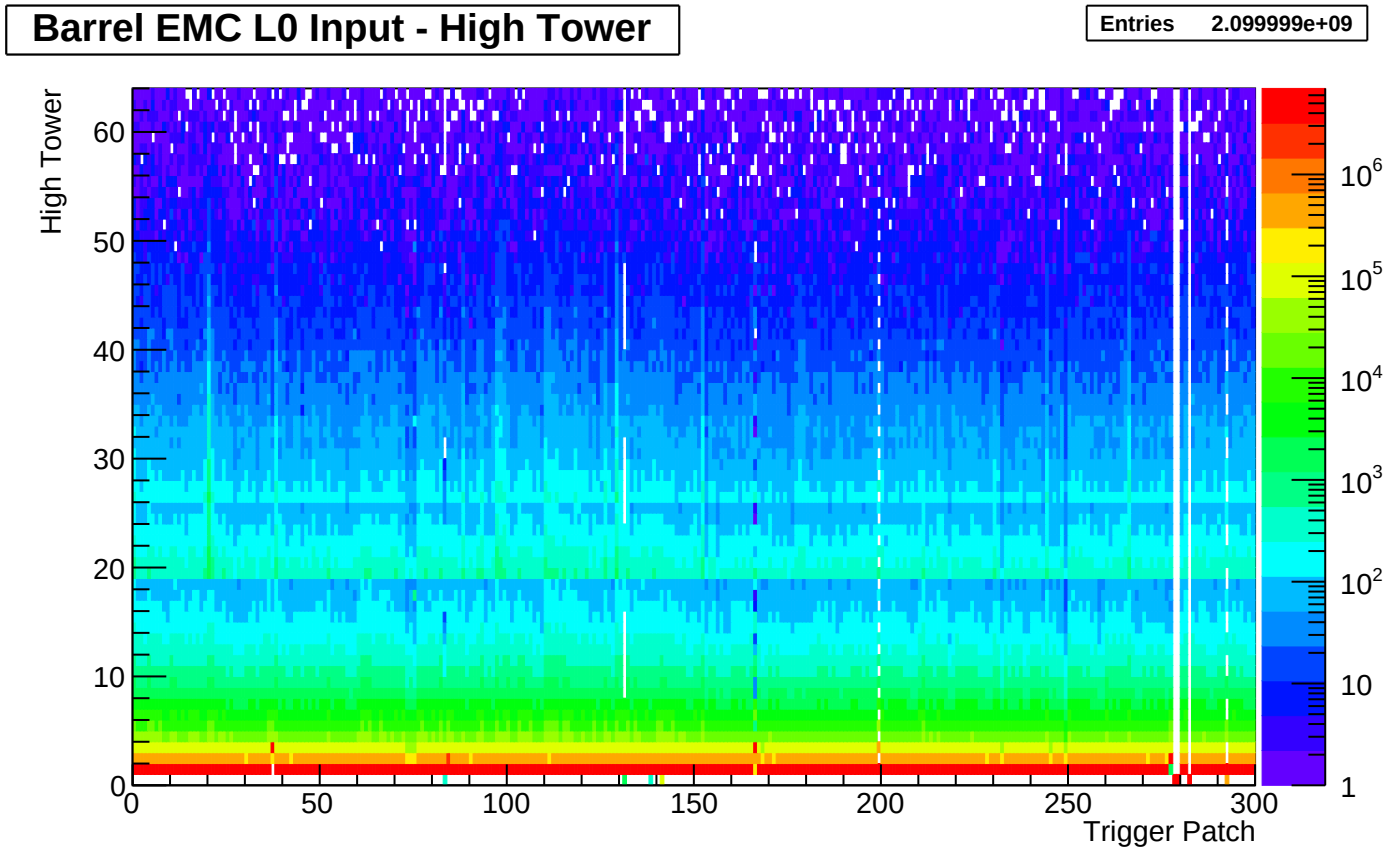
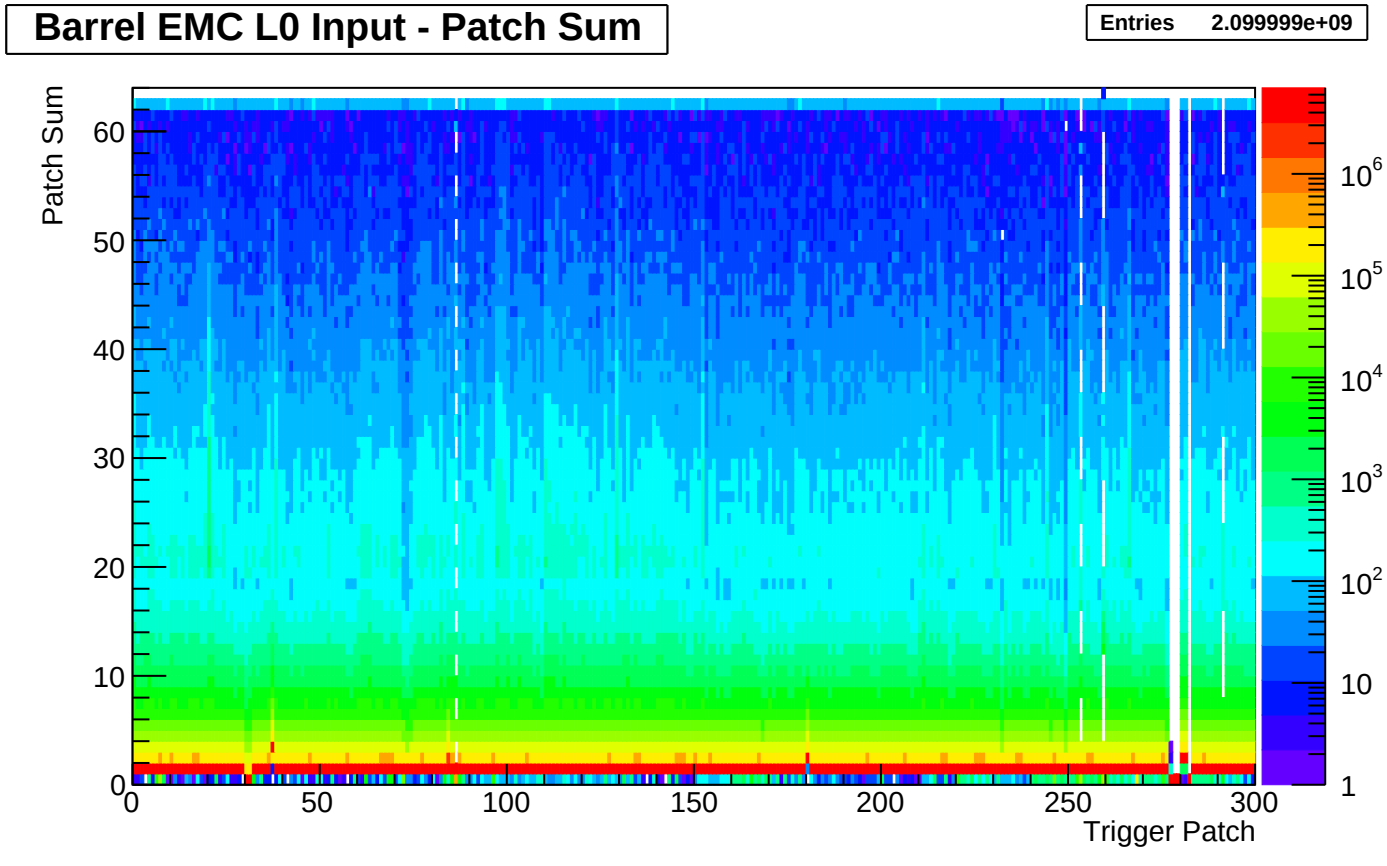
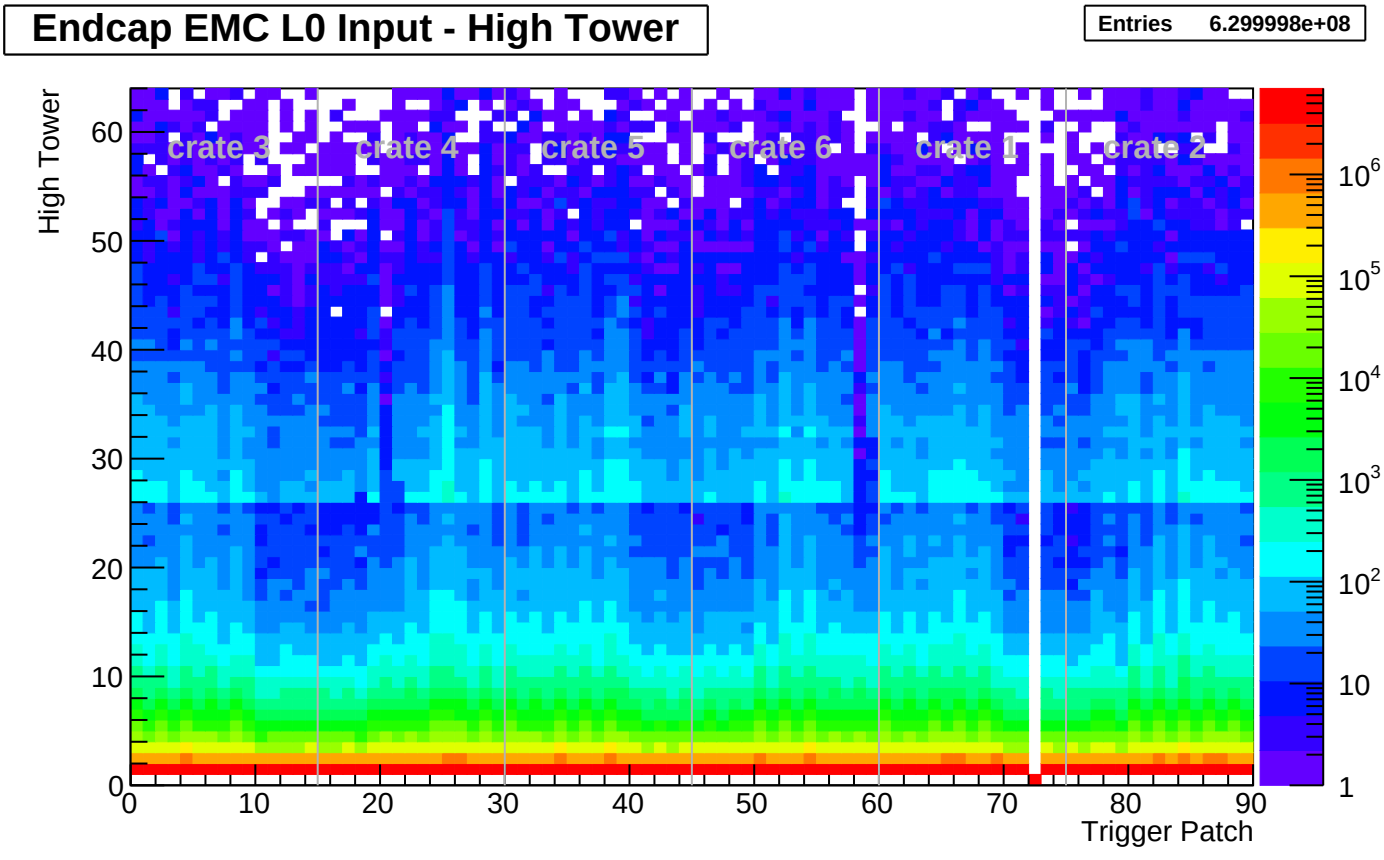
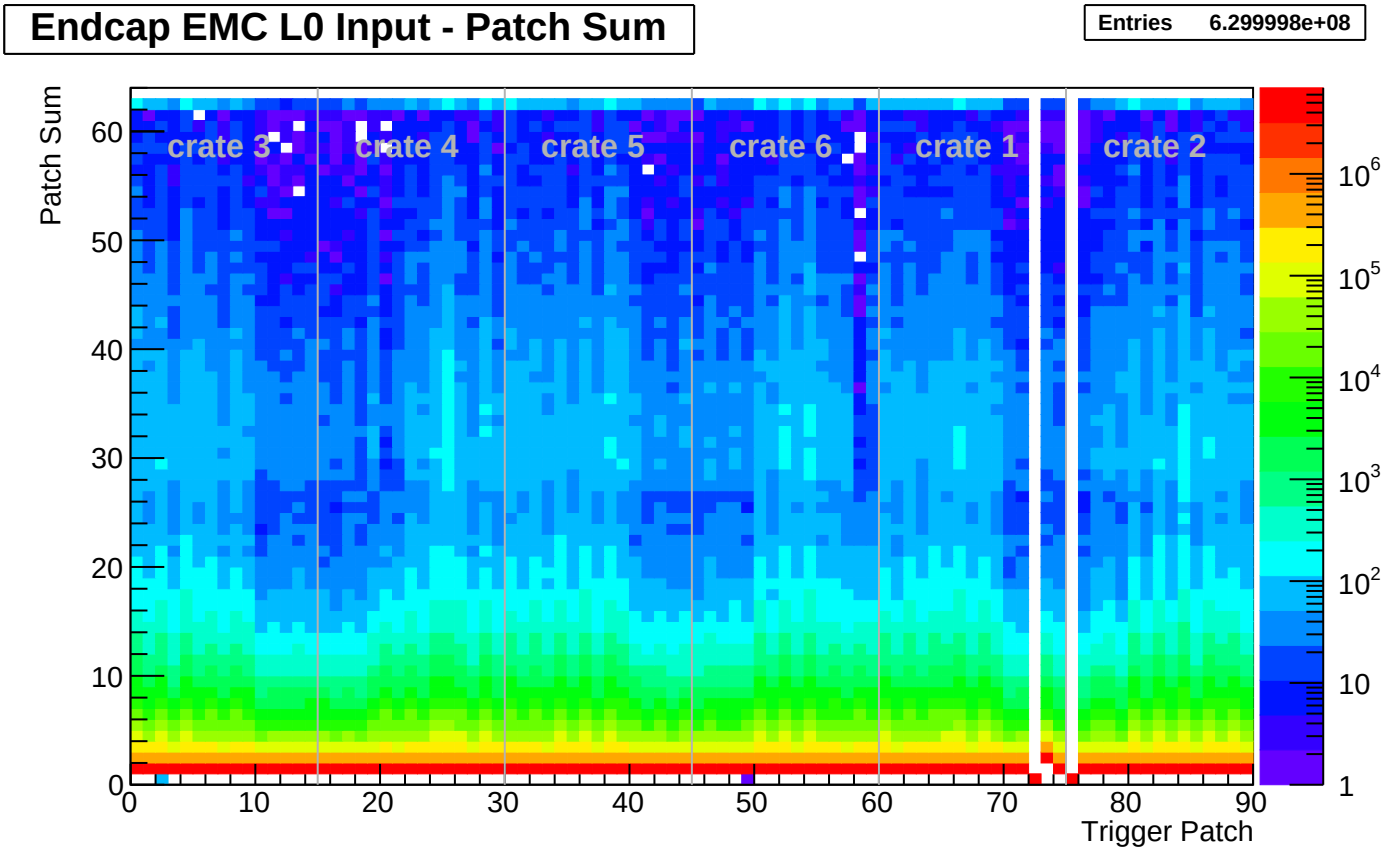
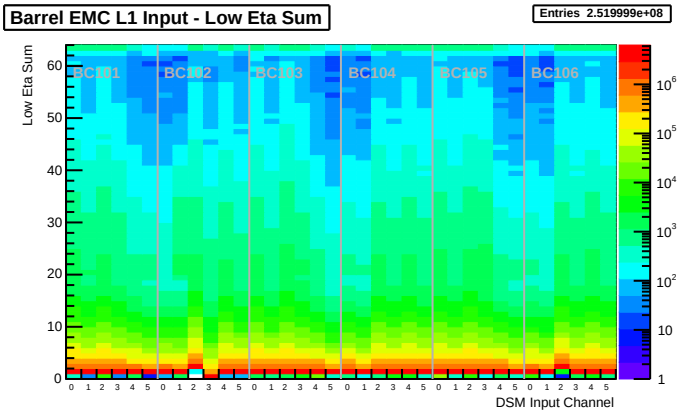
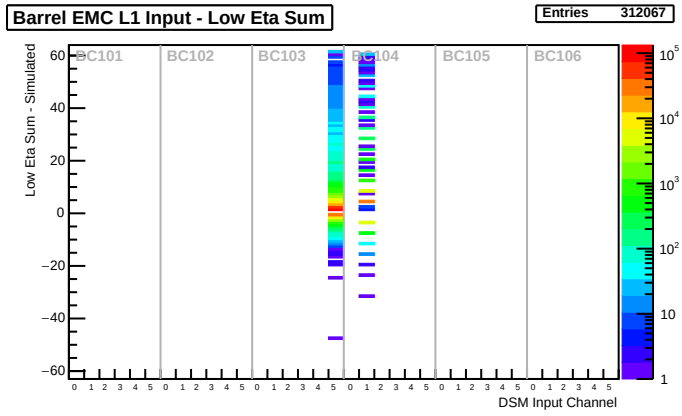

Barrel EMC L0 Input - High Tower
Entries 2.099999e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

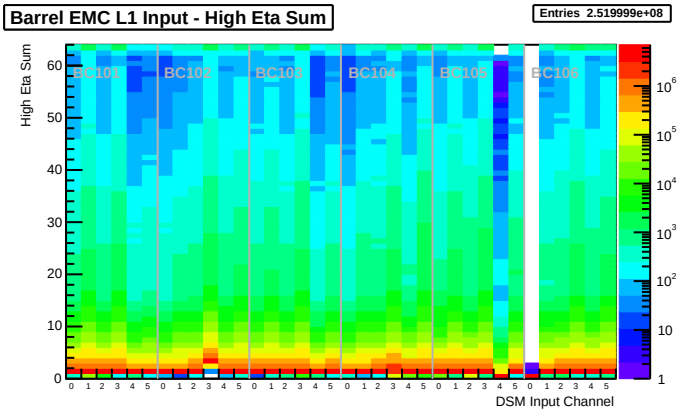

Barrel EMC L0 Input - Patch Sum
Entries 2.099999e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

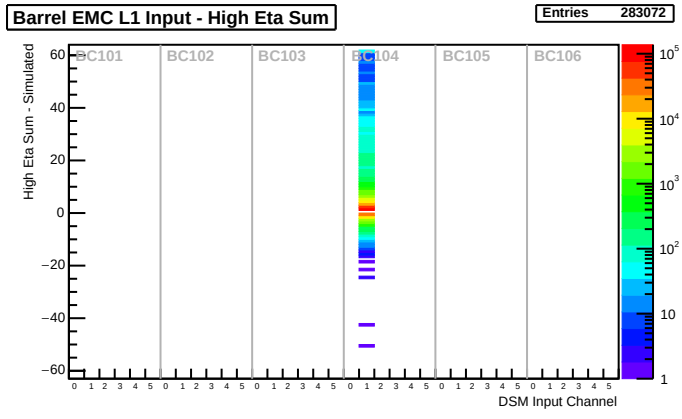

Endcap EMC L0 Input - High Tower
Entries 6.299998e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

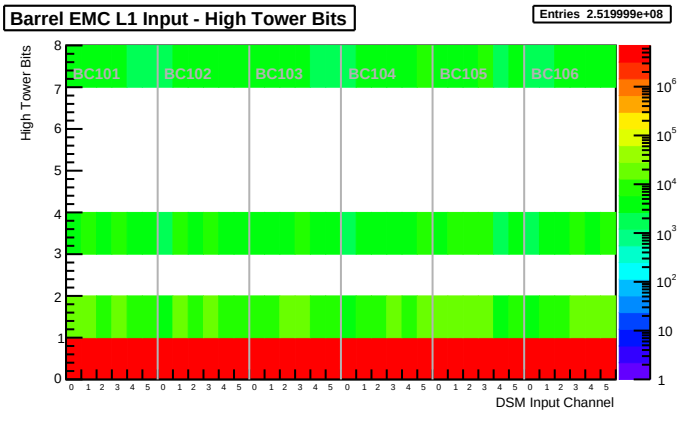

Endcap EMC L0 Input - Patch Sum
Entries 6.299998e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

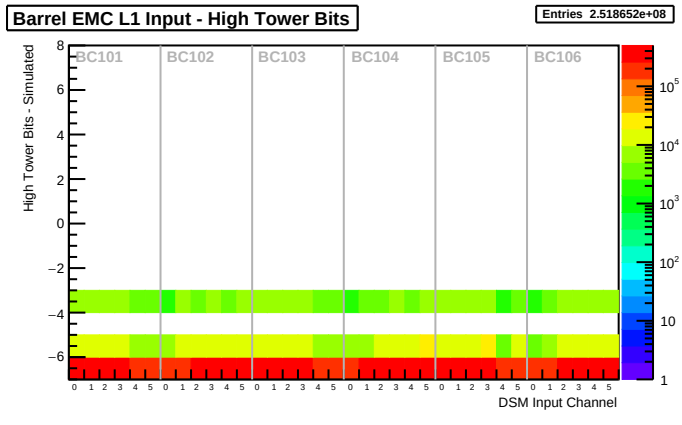

Barrel EMC L1 Input - Low Eta Sum
Entries 2.519999e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

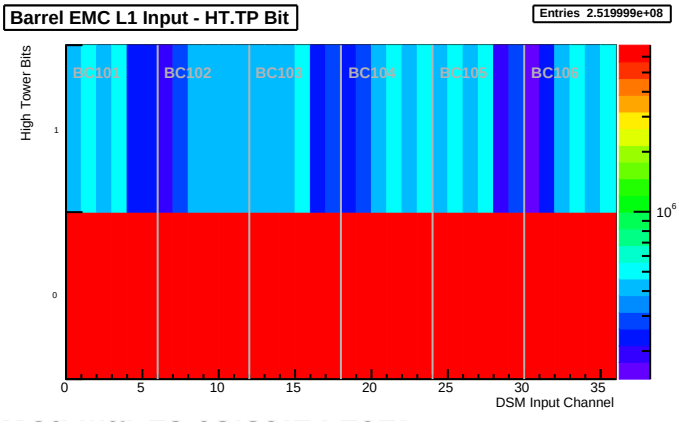

Barrel EMC L1 Input - Low Eta Sum
Entries 312067
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

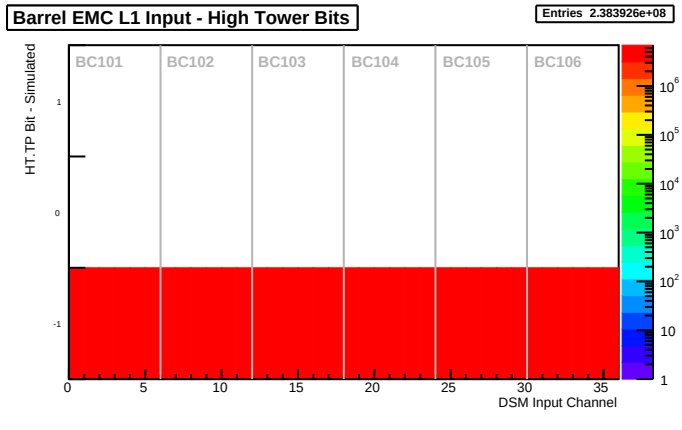

Barrel EMC L1 Input - High Eta Sum
Entries 2.519999e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

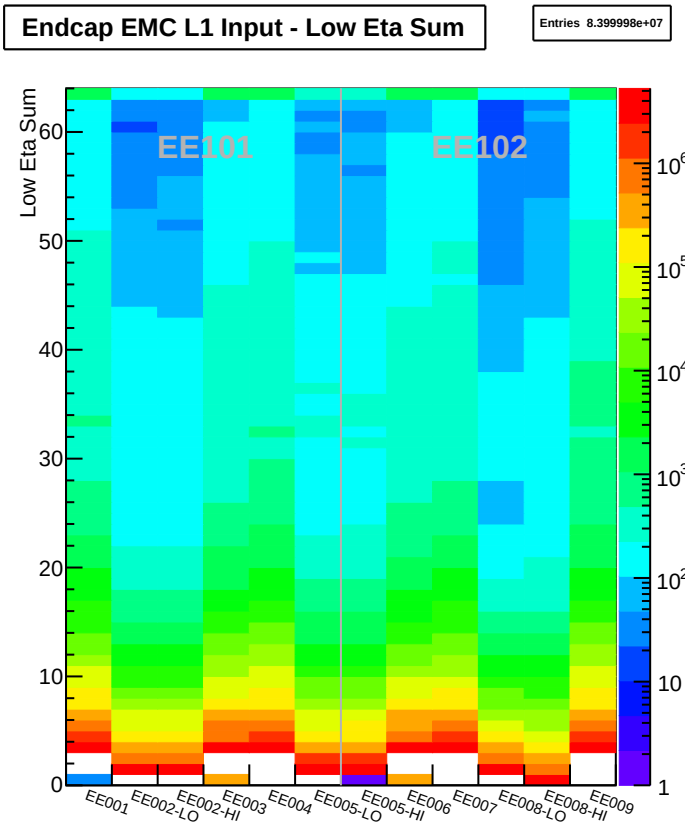

Barrel EMC L1 Input - High Eta Sum
Entries 283072
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

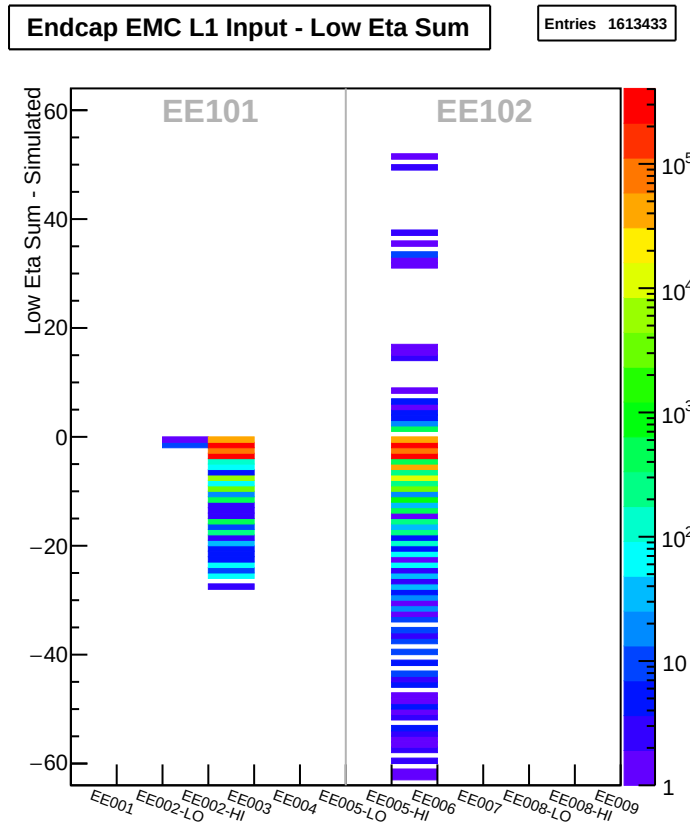

Barrel EMC L1 Input - High Tower Bits
Entries 2.519999e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

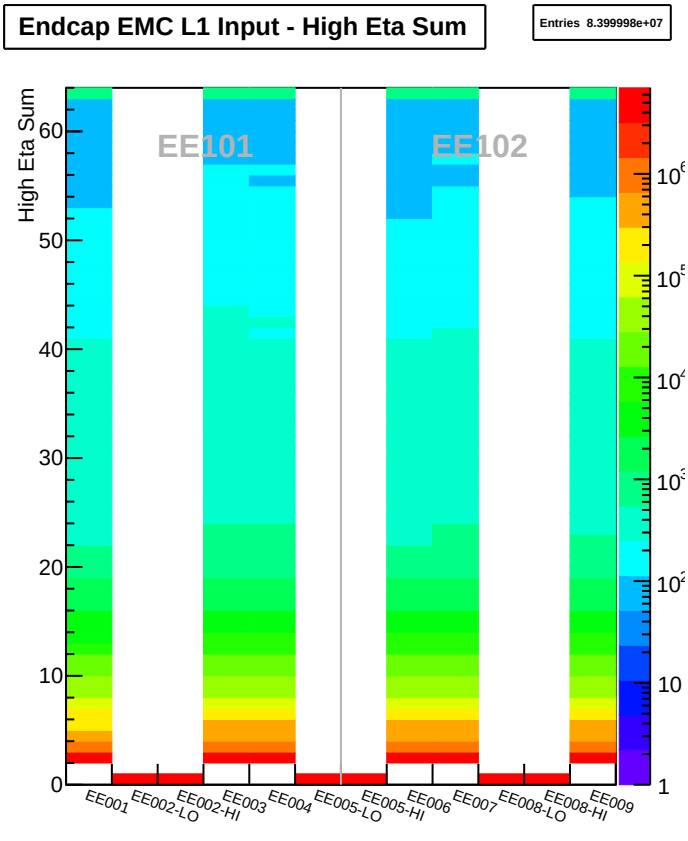

Barrel EMC L1 Input - High Tower Bits
Entries 2.518652e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

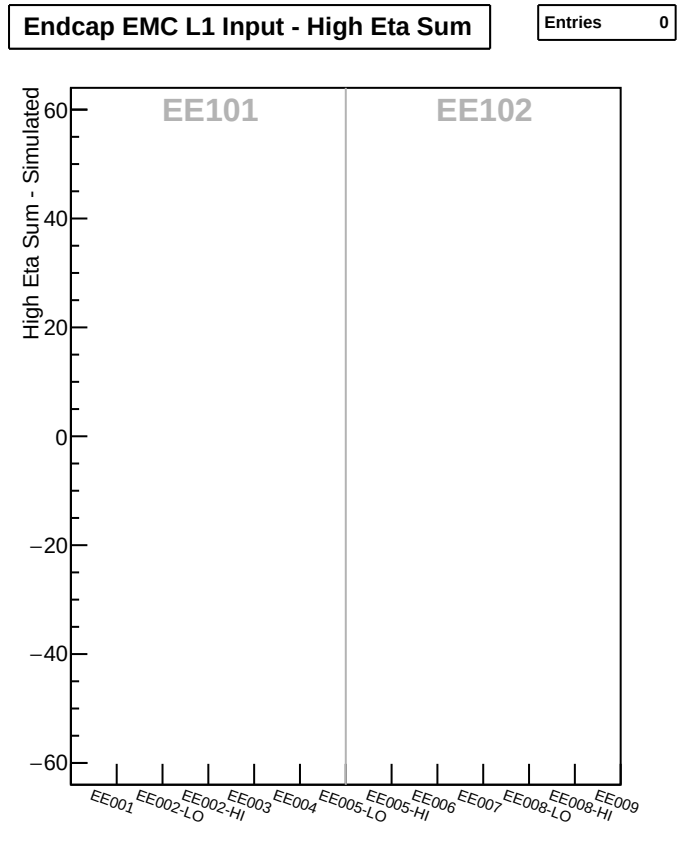

Barrel EMC L1 Input - HT.TP Bit
Entries 2.519999e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

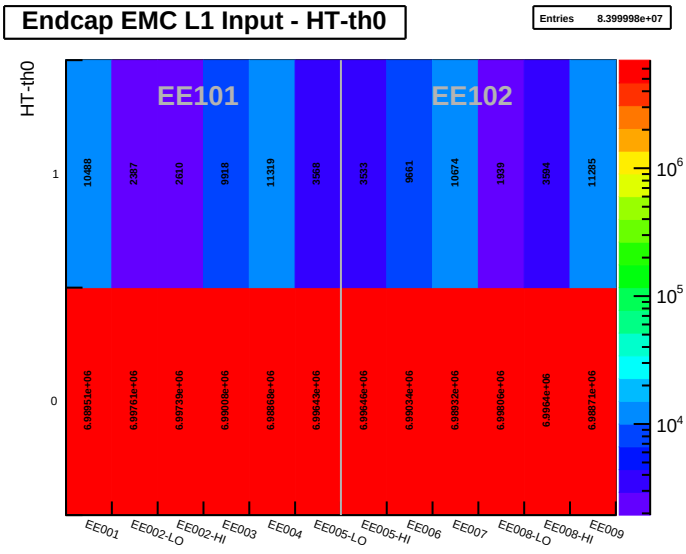

Barrel EMC L1 Input - High Tower Bits
Entries 2.383926e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

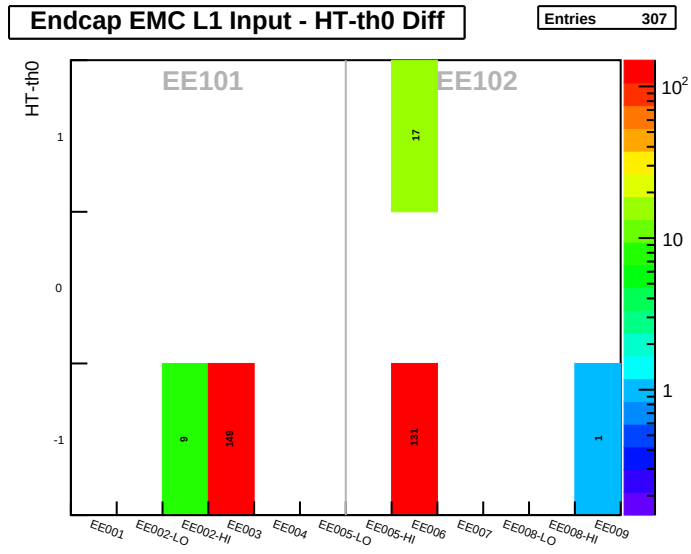

Endcap EMC L1 Input - Low Eta Sum
Entries 8.399998e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

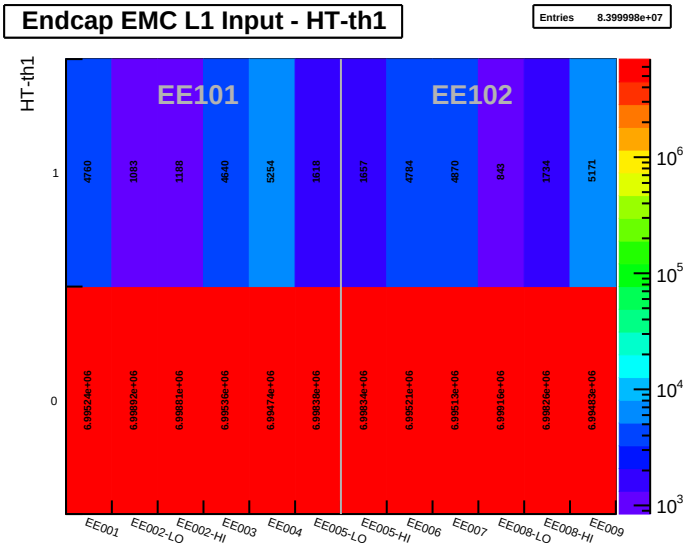

Endcap EMC L1 Input - Low Eta Sum
Entries 1613433
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

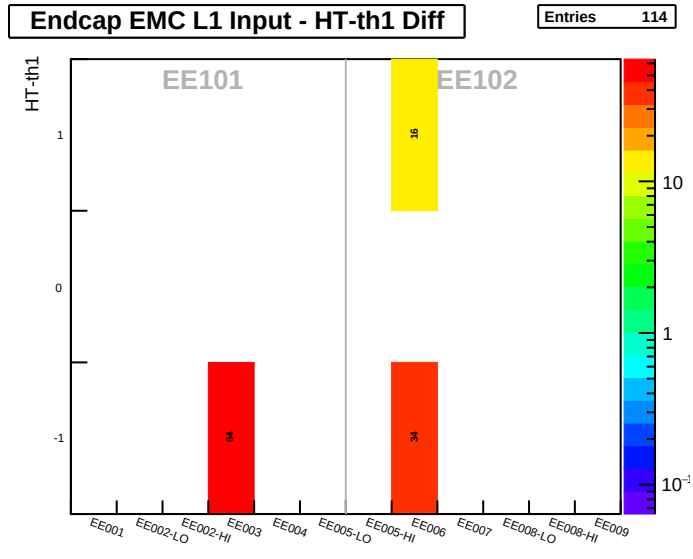

Endcap EMC L1 Input - High Eta Sum
Entries 8.399998e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

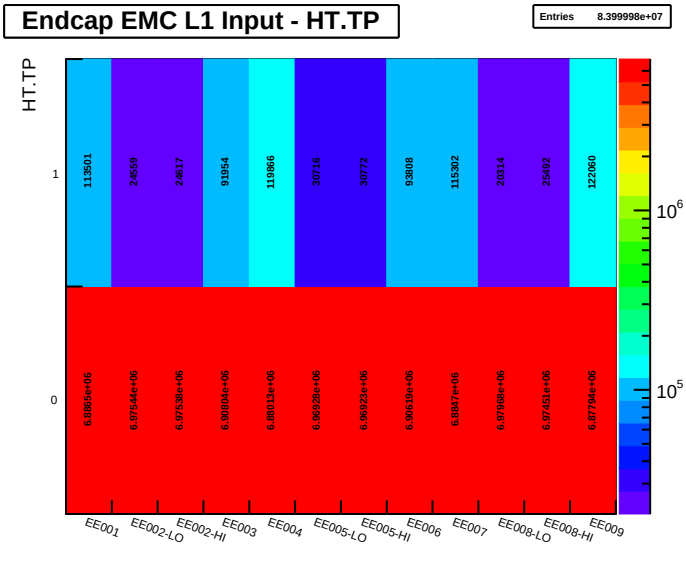

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

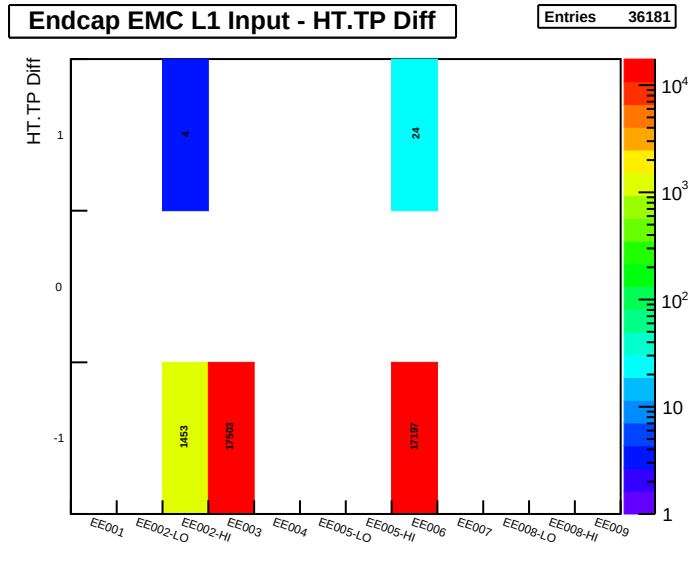

Endcap EMC L1 Input - HT-th0
Entries 8.399998e+07
HT-th0
EE101
EE102
10488 2387 2610 9918 11319 3568 3533 9661 10674 1939 3594 11285
6.98851e+06 6.99761e+06 6.99739e+06 6.99006e+06 6.98868e+06 6.99643e+06 6.99646e+06 6.99034e+06 6.98932e+06 6.99006e+06 6.99564e+06 6.98871e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

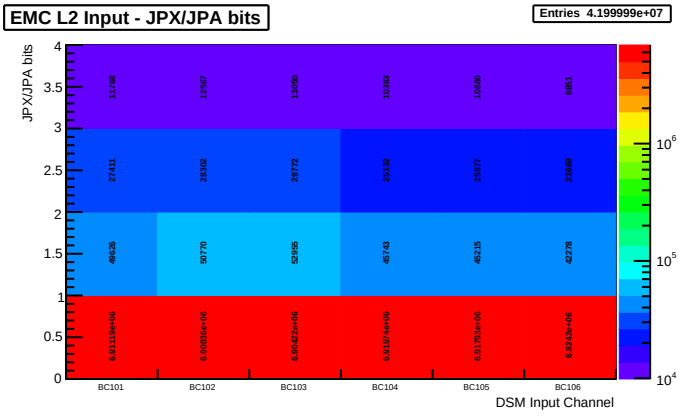

Endcap EMC L1 Input - HT-th0 Diff
Entries 307
HT-th0
EE101
EE102
17
9 149 131 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

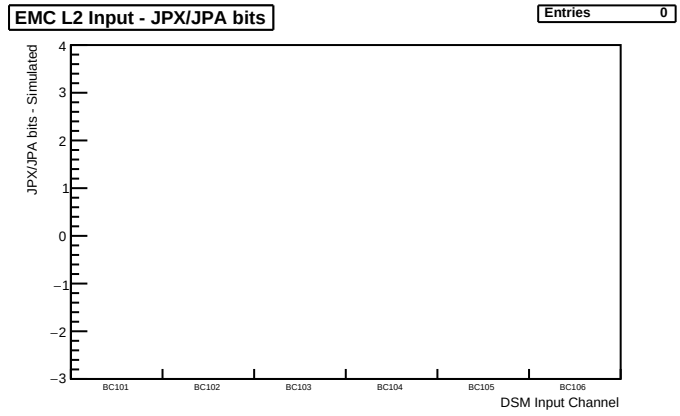

Endcap EMC L1 Input - HT-th1
Entries 8.399998e+07
HT-th1
EE101
EE102
4760 1083 1188 4640 5254 1618 1557 4784 4870 843 1734 5171
6.99524e+06 6.98892e+06 6.99881e+06 6.99536e+06 6.99474e+06 6.99838e+06 6.99834e+06 6.99521e+06 6.99513e+06 6.99916e+06 6.99826e+06 6.99483e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

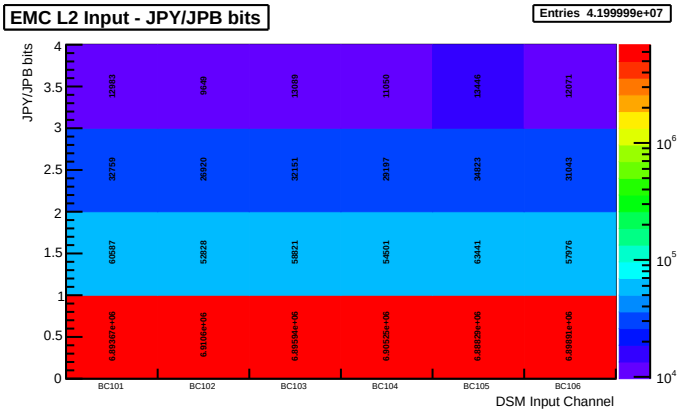

Endcap EMC L1 Input - HT-th1 Diff
Entries 114
HT-th1
EE101
EE102
16
64 34
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

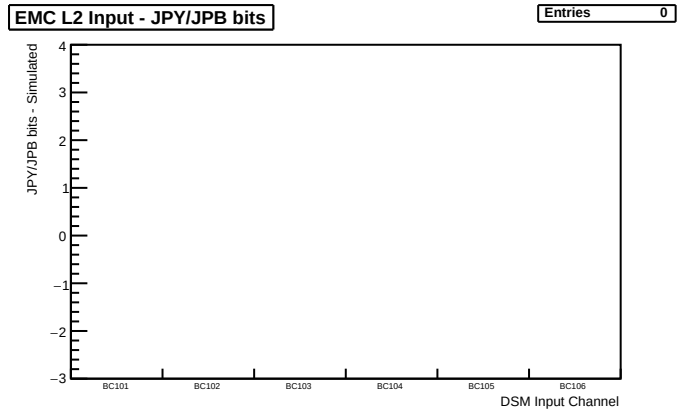

Endcap EMC L1 Input - HT.TP
Entries 8.399998e+07
HT.TP
113501 24559 24617 91954 119866 30716 30772 93808 115302 20314 25492 122060
6.8865e+06 6.97544e+06 6.97538e+06 6.90804e+06 6.88013e+06 6.96928e+06 6.96923e+06 6.90619e+06 6.8947e+06 6.97968e+06 6.97451e+06 6.87794e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

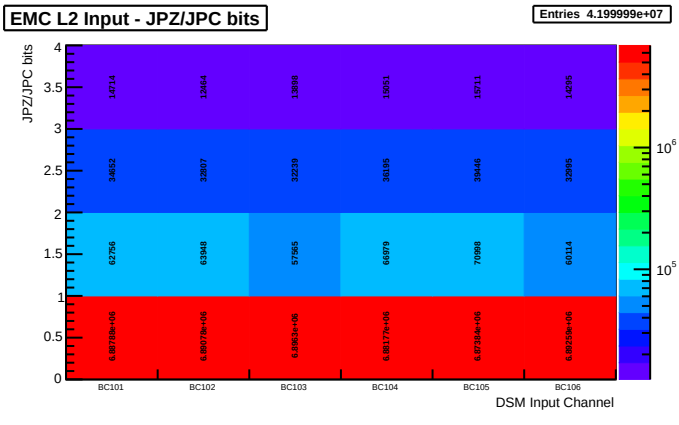

Endcap EMC L1 Input - HT.TP Diff
Entries 36181
HT.TP Diff
4 24
1453 17503 17197
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

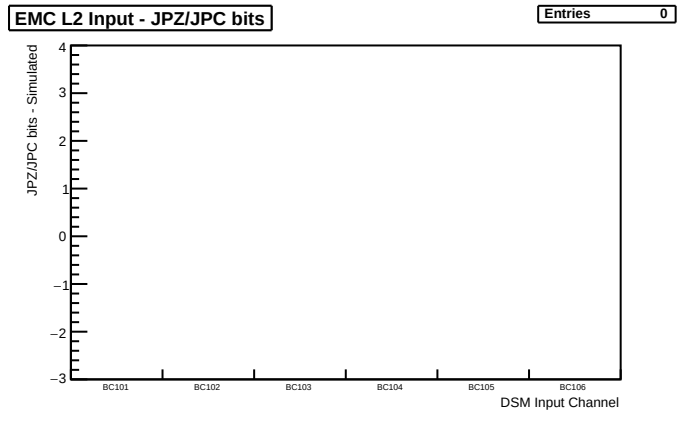

EMC L2 Input - JPX/JPA bits
Entries 4.199999e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11768
12567
13050
10383
10830
9861
27411
28302
29772
25132
25977
23669
49625
50770
52955
45743
46215
42278
6.91119e+06
6.90836e+06
6.90422e+06
6.91874e+06
6.91793e+06
6.9242e+06

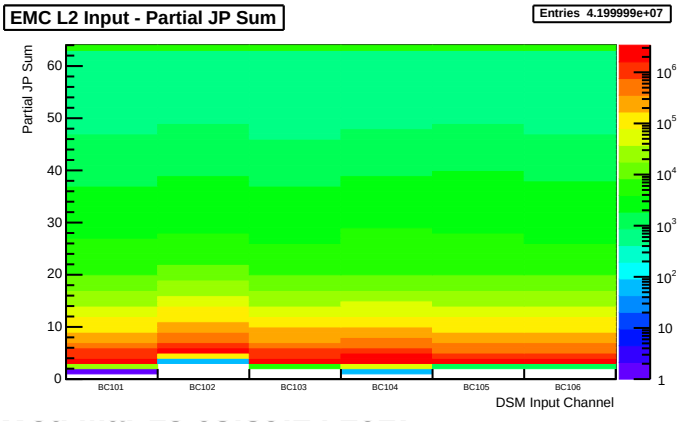

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

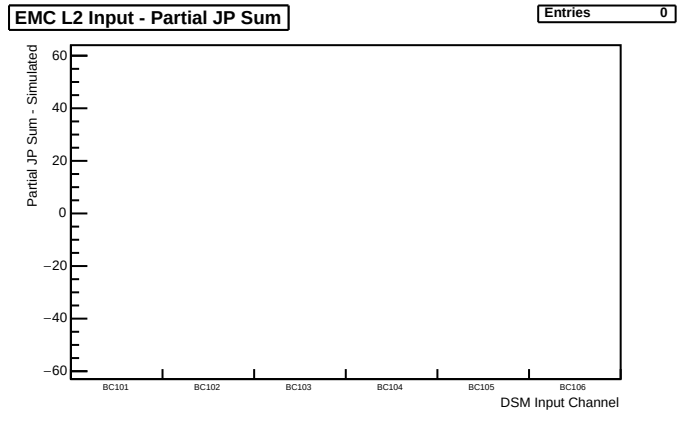

EMC L2 Input - JPY/JPB bits
Entries 4.199999e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12383
9649
13089
11050
13446
12071
32759
26920
32151
29197
34823
31043
60587
52828
58821
54501
63441
57976
6.89367e+06
6.9106e+06
6.89594e+06
6.90525e+06
6.88829e+06
6.89891e+06

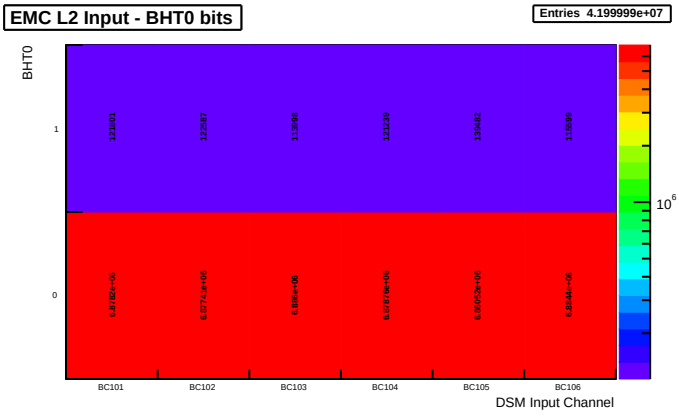

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

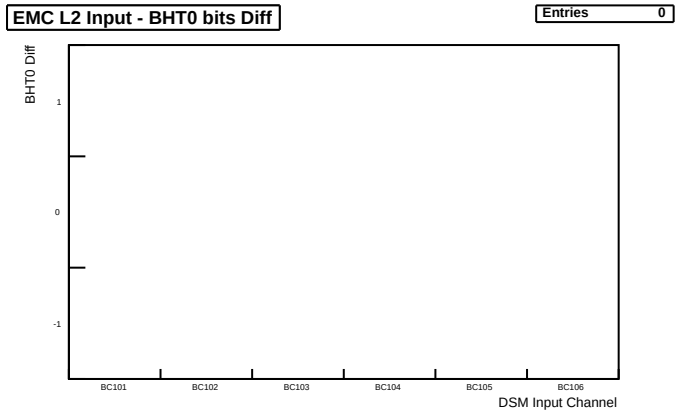

EMC L2 Input - JPZ/JPC bits
Entries 4.199999e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14014
12464
13898
15051
15711
14205
34652
32807
32239
36195
39946
32805
62756
63948
57565
66979
70988
60114
6.88738e+06
6.89078e+06
6.89634e+06
6.88117e+06
6.87934e+06
6.88259e+06

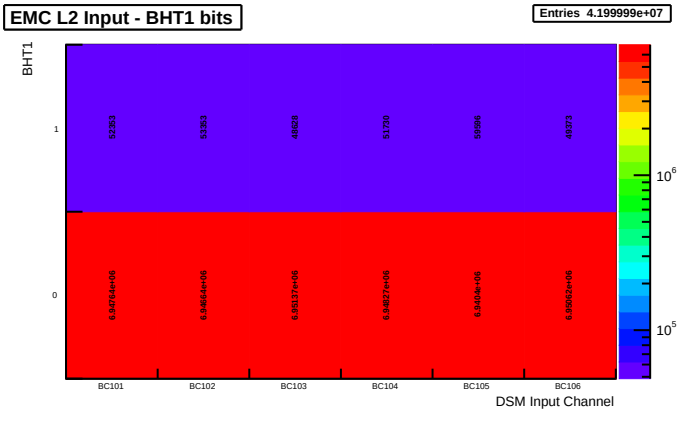

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

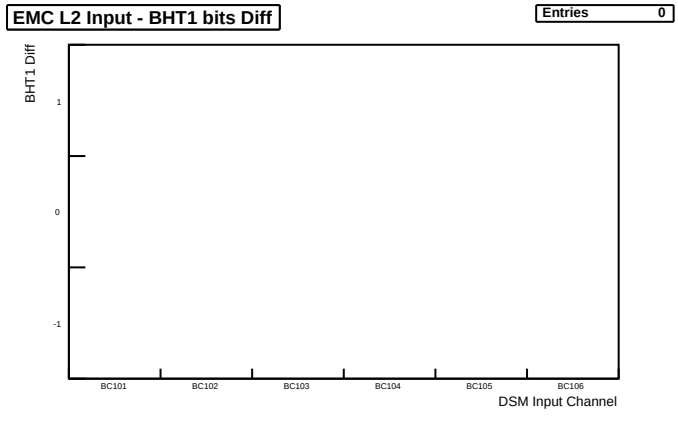

EMC L2 Input - Partial JP Sum
Entries 4.199999e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

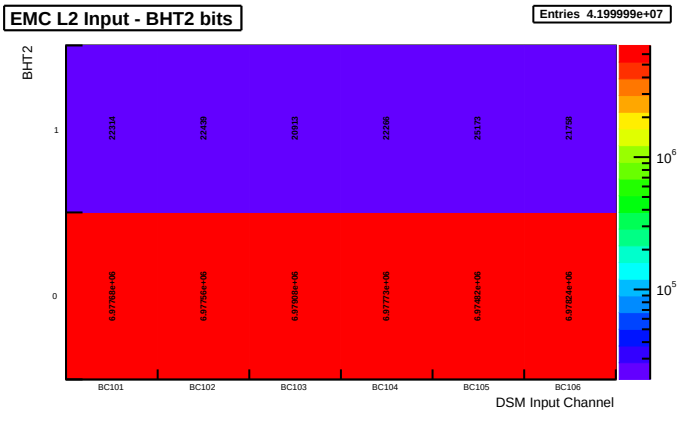

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

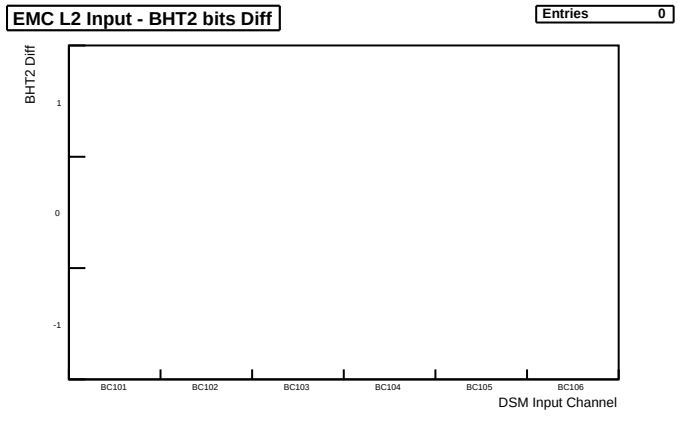

EMC L2 Input - BHT0 bits
Entries 4.199999e+07
BHT0
121801
122537
113998
121239
133482
115509
6.37852e+06
6.87741e+06
6.9862e+06
6.87976e+06
6.80052e+06
6.8946e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

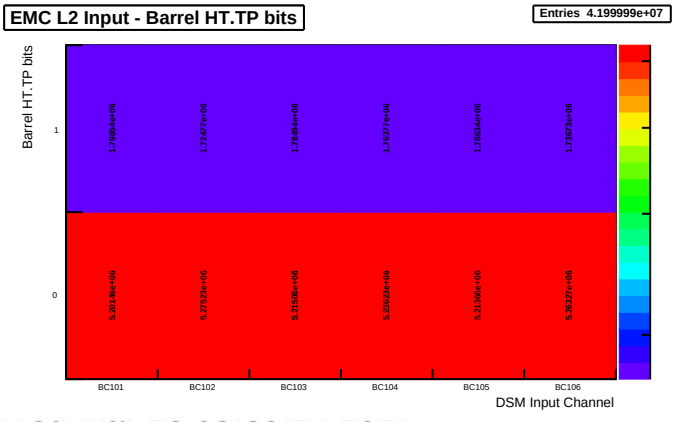

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

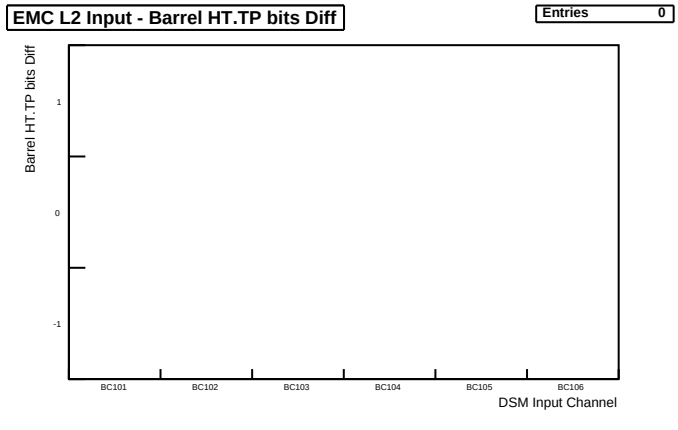

EMC L2 Input - BHT1 bits
Entries 4.199999e+07
BHT1
52363
53353
49828
51730
53996
49373
6.94764e+06
6.94864e+06
6.95137e+06
6.94827e+06
6.9404e+06
6.95962e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

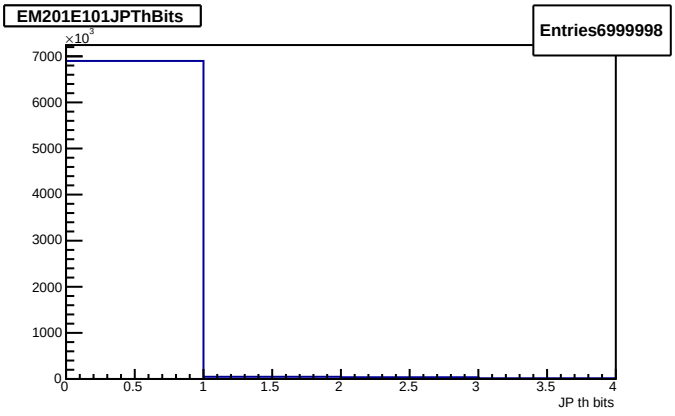

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

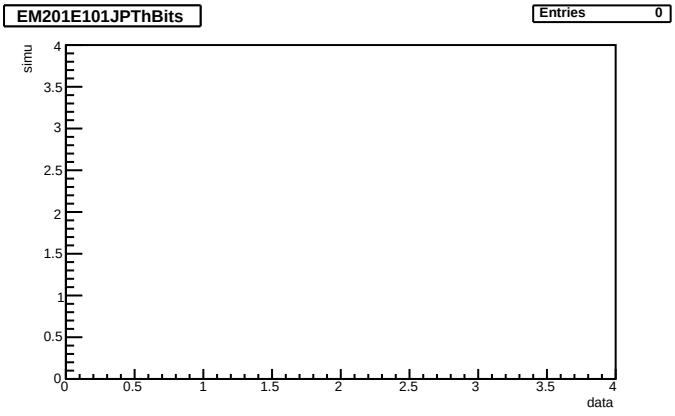

EMC L2 Input - BHT2 bits
Entries 4.199999e+07
BHT2
22314
22439
20913
22206
25173
21738
6.97768e+06
6.97756e+06
6.97908e+06
6.97773e+06
6.97452e+06
6.97824e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

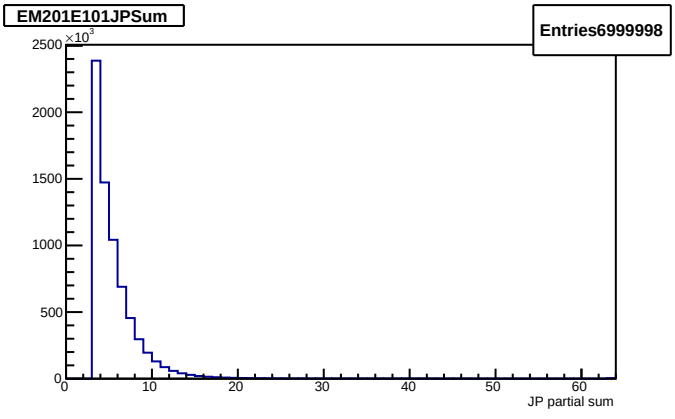

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

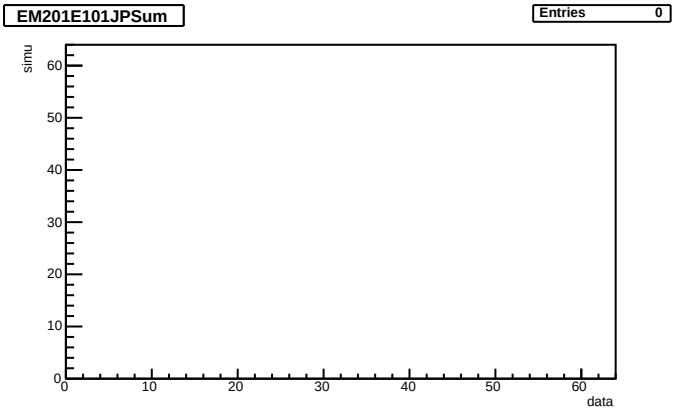

EMC L2 Input - Barrel HT.TP bits
Entries 4.199999e+07
Barrel HT.TP bits
1.76854e+06
1.72477e+06
1.76494e+06
1.76377e+06
1.76634e+06
1.73673e+06
5.20146e+06
5.27523e+06
5.21506e+06
5.23523e+06
5.21366e+06
5.26327e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

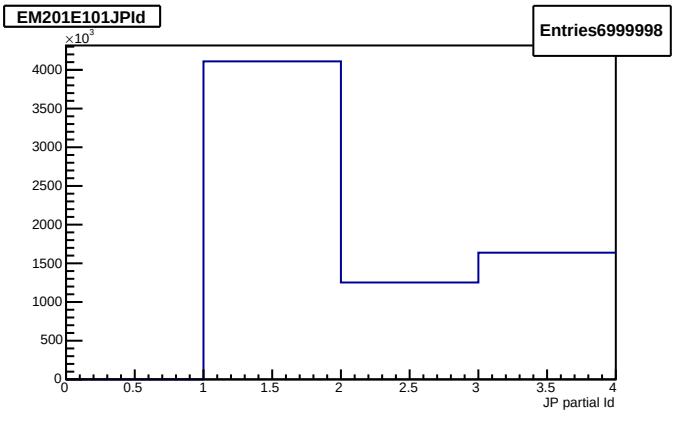

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

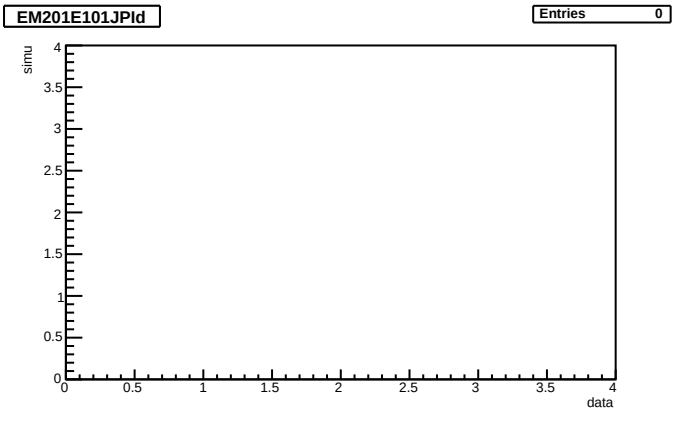

EM201E101JPThBits
Entries6999998
JP th bits

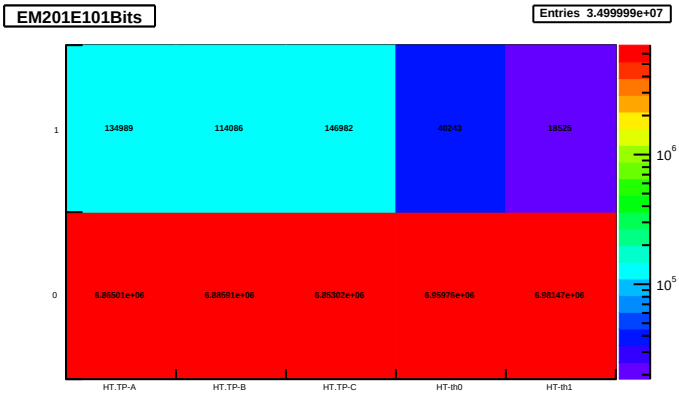

EM201E101JPThBits
Entries 0
simu
data

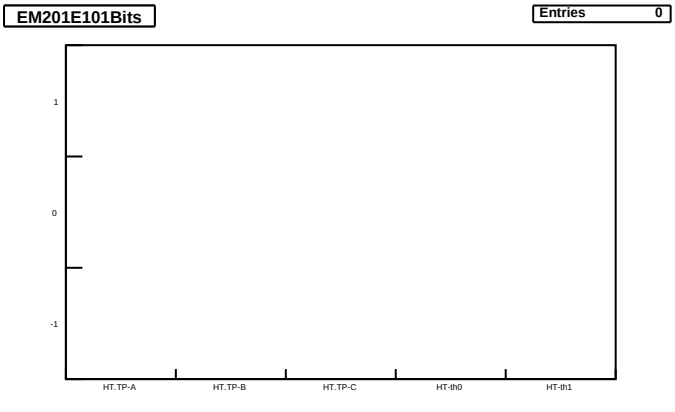

EM201E101JPSum
Entries6999998
JP partial sum

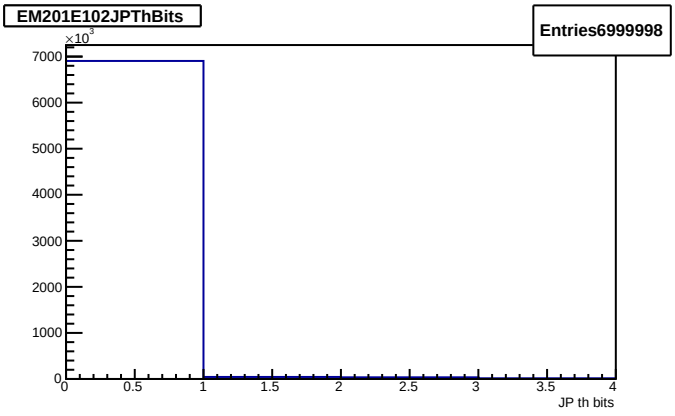

EM201E101JPSum
Entries 0
simu
data

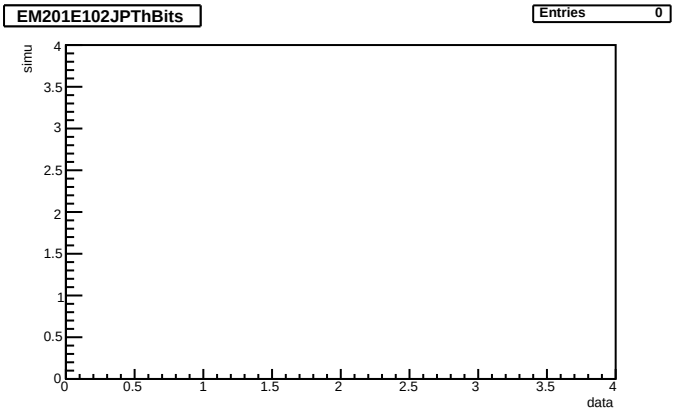

EM201E101JPId
Entries6999998
JP partial Id

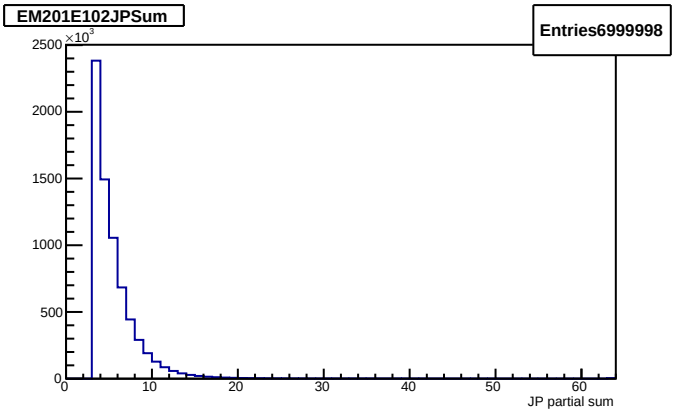

EM201E101JPId
Entries 0
simu
data

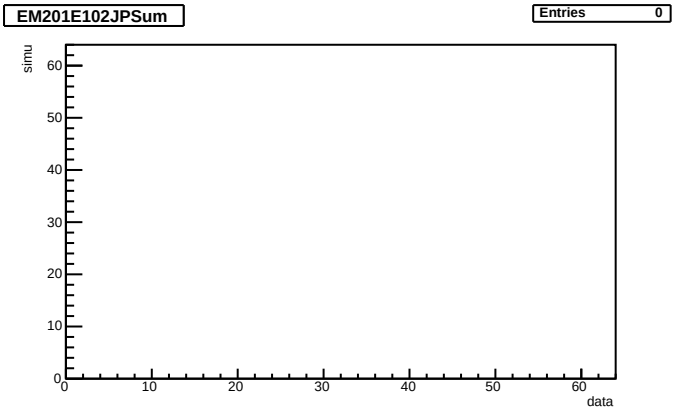

EM201E101Bits
Entries 3.499999e+07
134989
114086
146982
40243
18525
6.86501e+06
6.88591e+06
6.85302e+06
6.95976e+06
6.98147e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

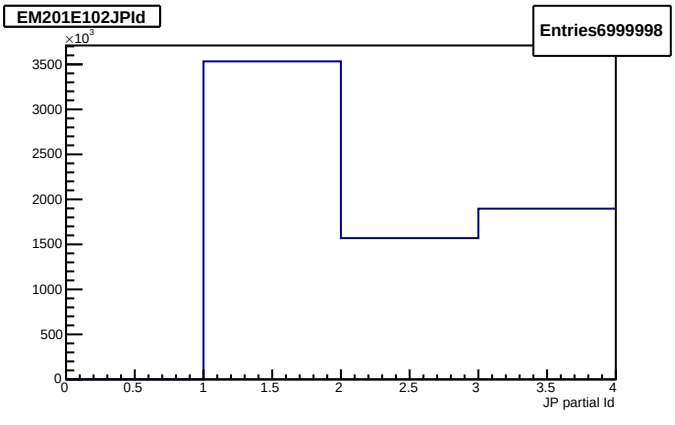

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

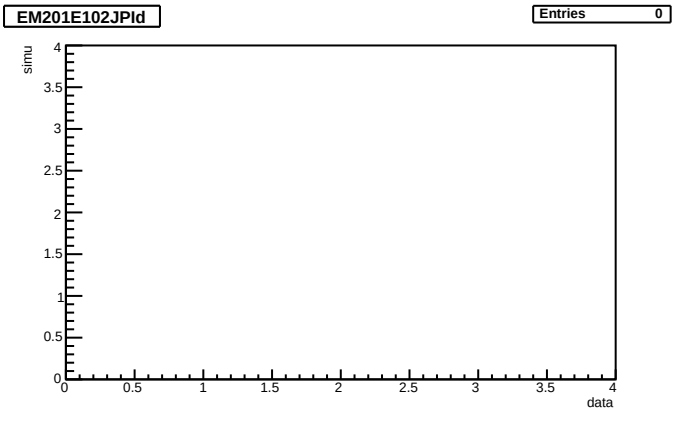

EM201E102JPThBits
Entries6999998
×10^3
JP th bits

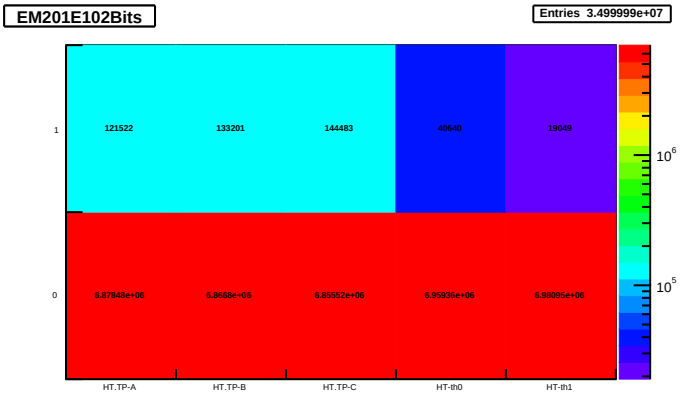

EM201E102JPThBits
Entries 0
simu
data

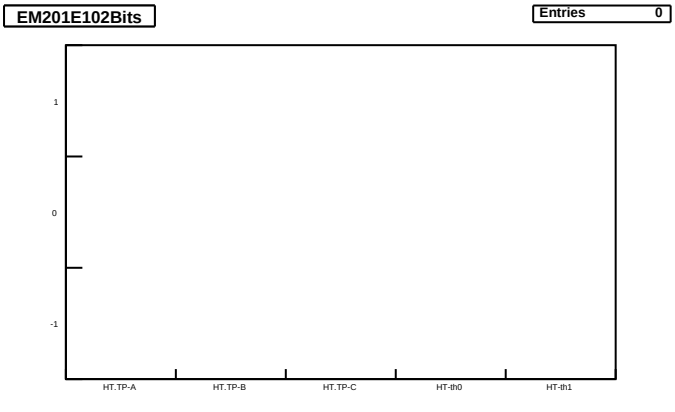

EM201E102JPSum
Entries6999998
×10^3
JP partial sum

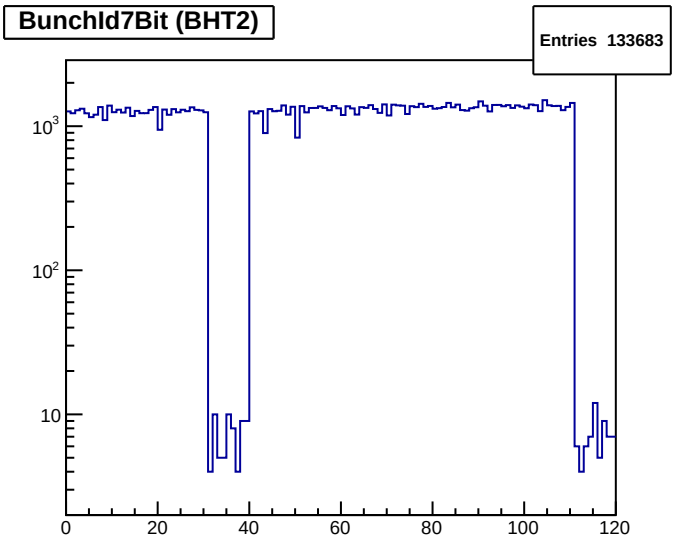

EM201E102JPSum
Entries 0
simu
data

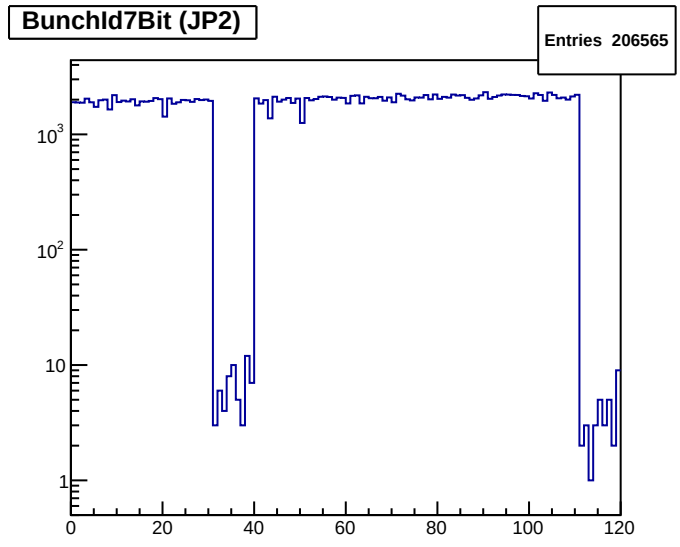

EM201E102JPId
Entries6999998
×10^3
JP partial Id

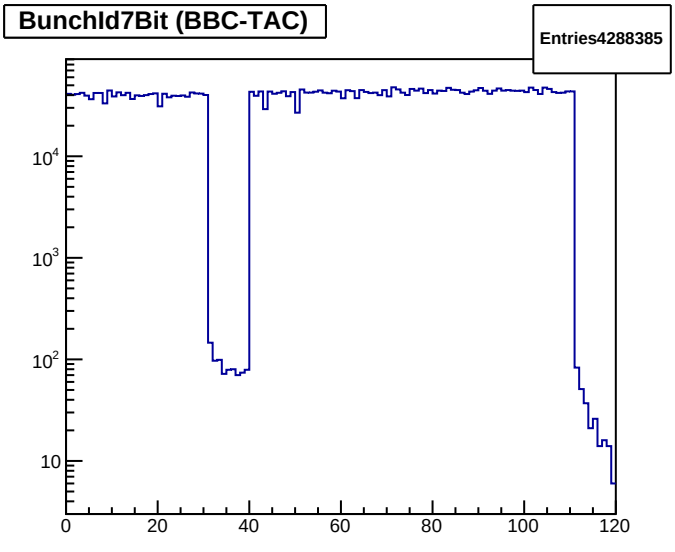

EM201E102JPId
Entries 0
simu
data

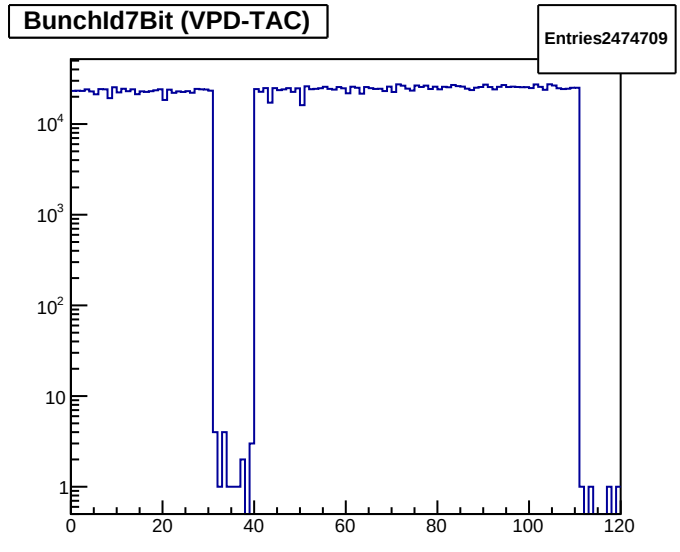

EM201E102Bits
Entries 3.499999e+07
121522
133201
144483
40640
19049
6.87848e+06
6.8668e+06
6.85552e+06
6.95936e+06
6.98095e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

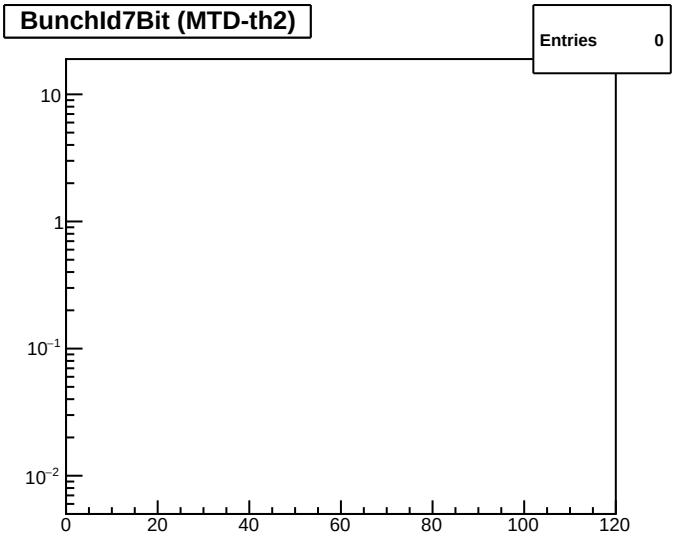

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

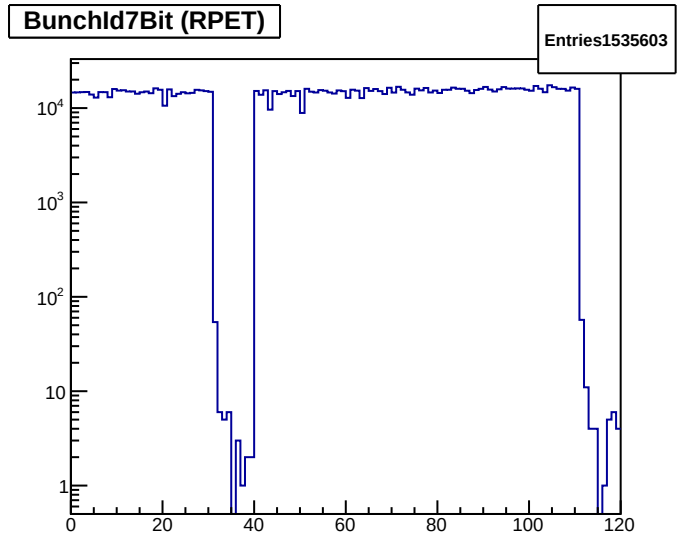

BunchId7Bit (BHT2)
Entries 133683

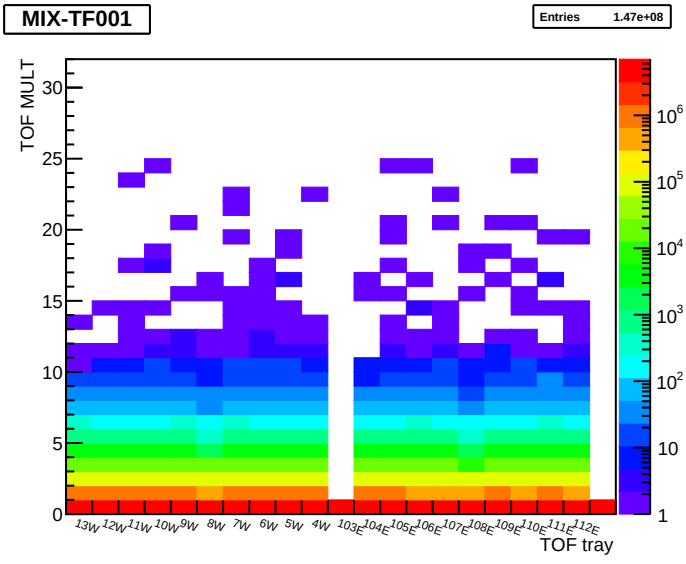

BunchId7Bit (JP2)
Entries 206565

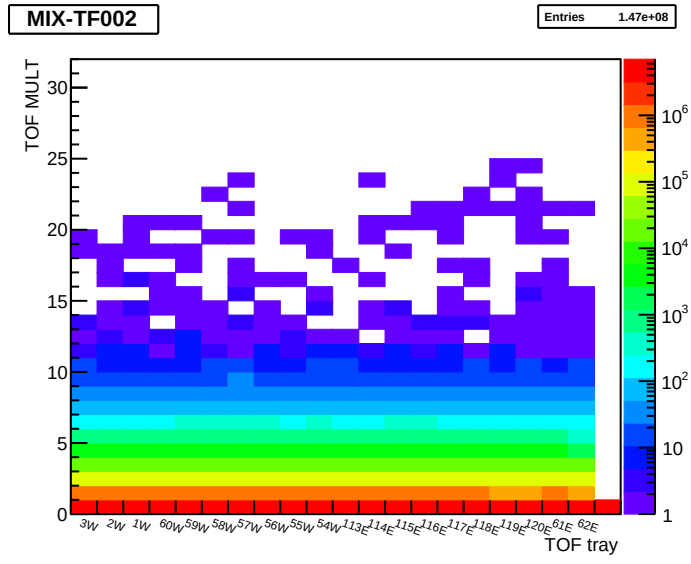

BunchId7Bit (BBC-TAC)
Entries4288385

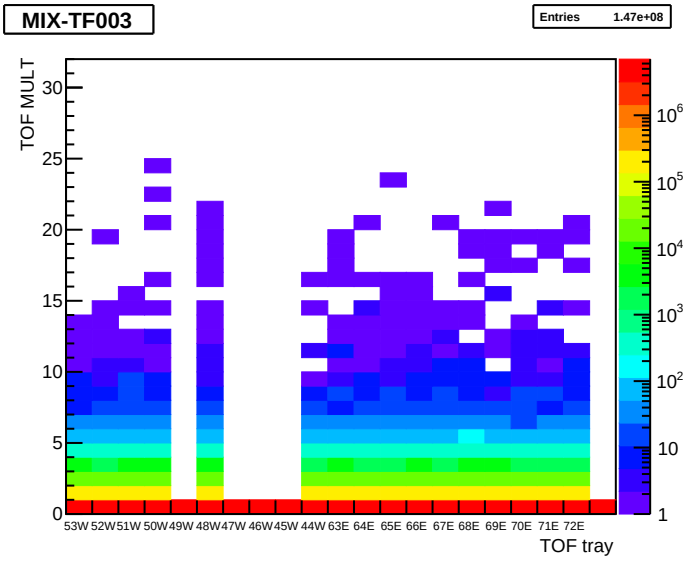

BunchId7Bit (VPD-TAC)
Entries2474709

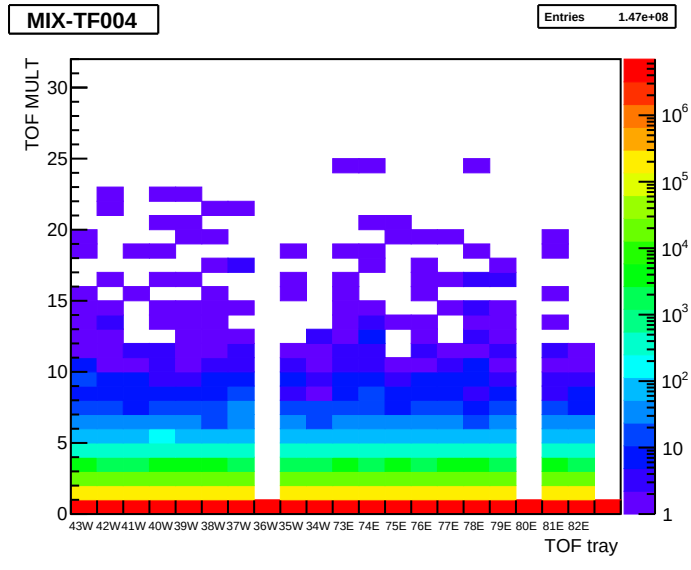

BunchId7Bit (MTD-th2)
Entries 0

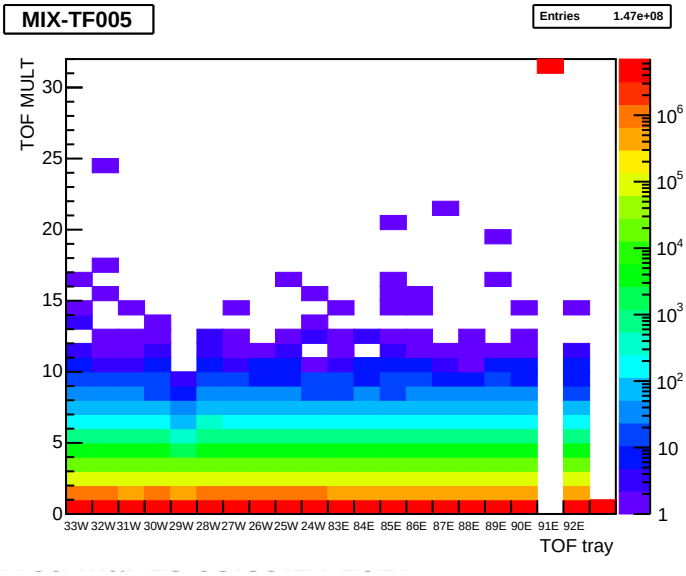

BunchId7Bit (RPET)
Entries1535603

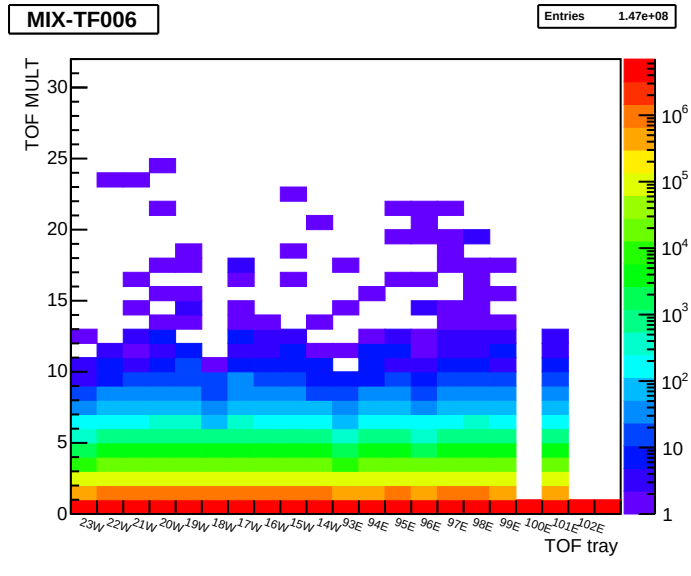

MIX-TF001
Entries 1.47e+08
TOF MULT
TOF tray

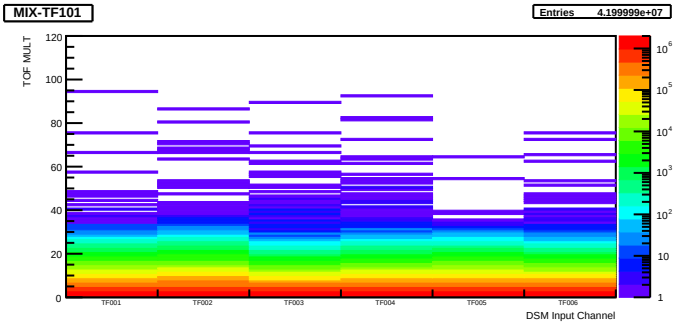

MIX-TF002
Entries 1.47e+08
TOF MULT
TOF tray

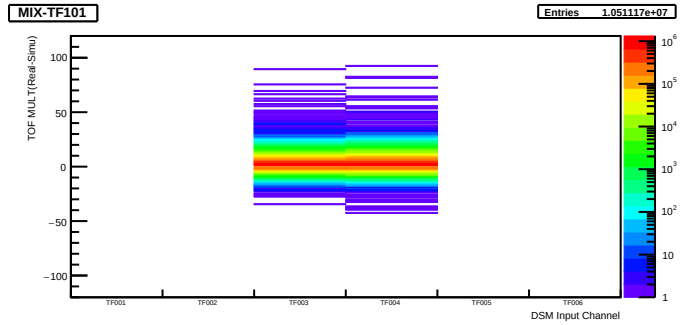

MIX-TF003
Entries 1.47e+08
TOF MULT
TOF tray

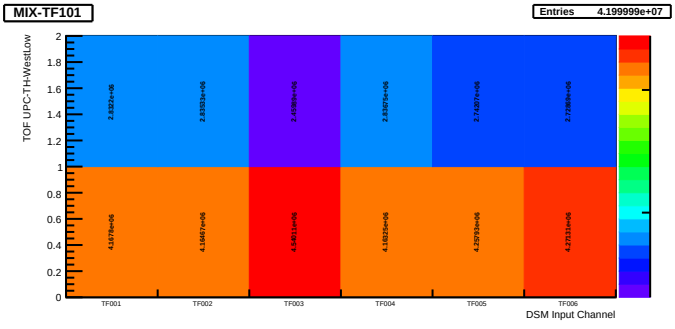

MIX-TF004
Entries 1.47e+08
TOF MULT
TOF tray

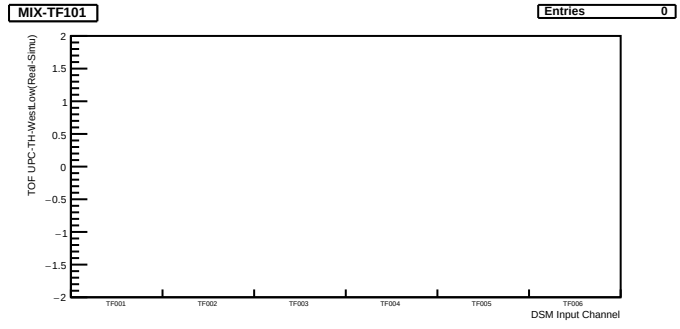

MIX-TF005
Entries 1.47e+08
TOF MULT
TOF tray

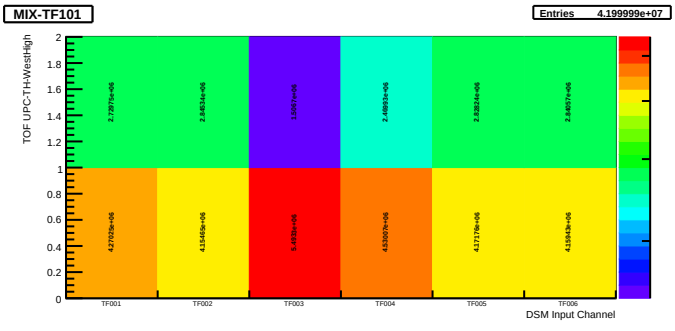

MIX-TF006
Entries 1.47e+08
TOF MULT
TOF tray

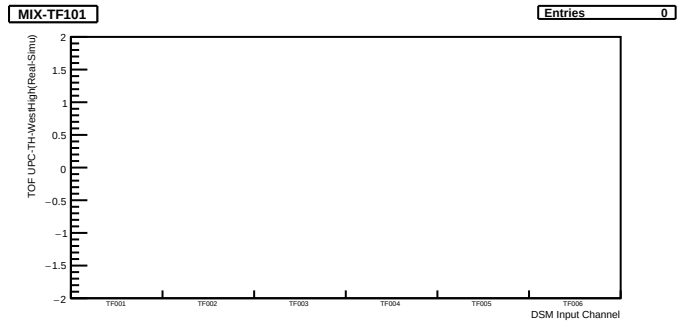

MIX-TF101
Entries 4.199999e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

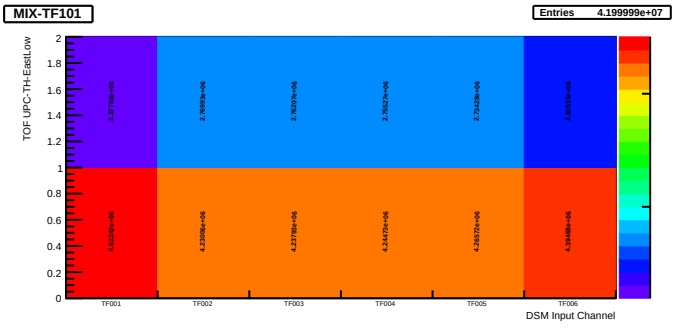

MIX-TF101
Entries 1.051117e+07
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

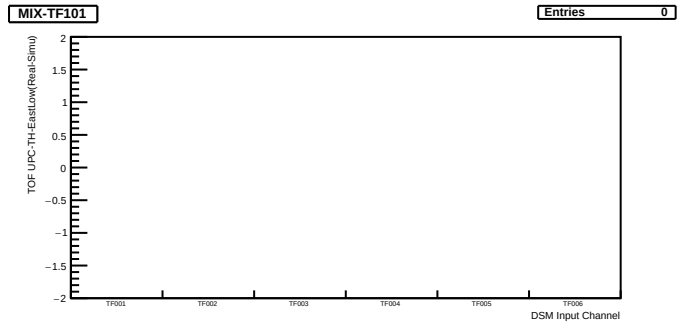

MIX-TF101
Entries 4.199999e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

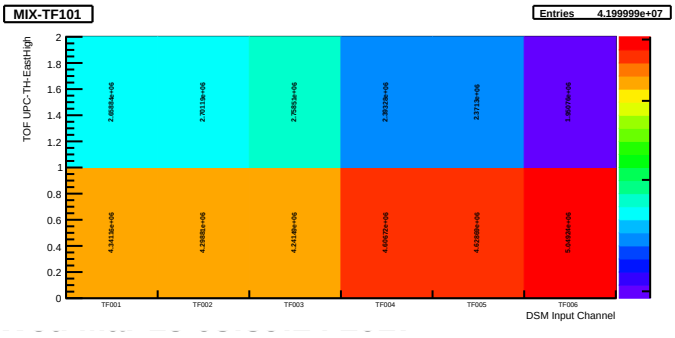

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

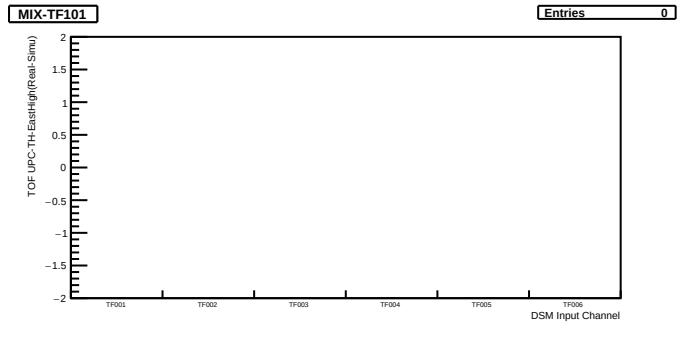

MIX-TF101
Entries 4.199999e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

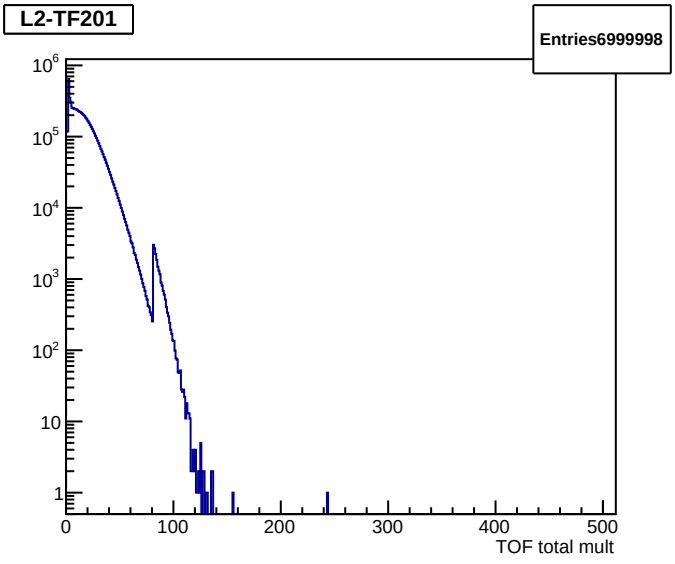

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

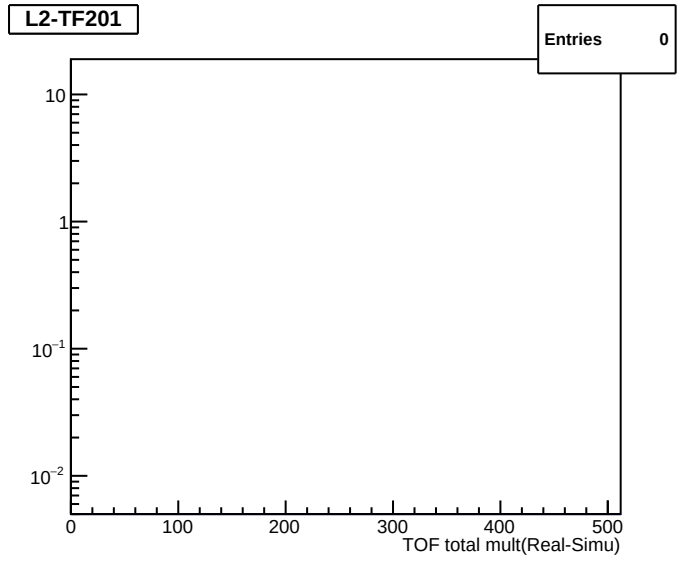

MIX-TF101
Entries 4.199999e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

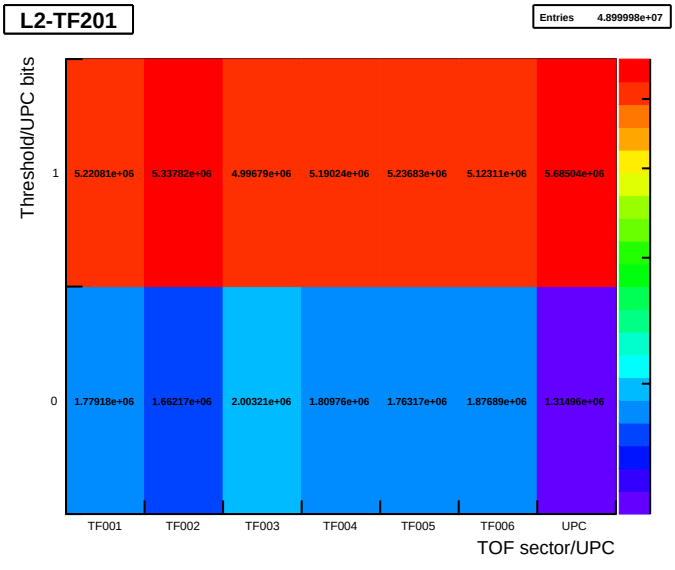

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

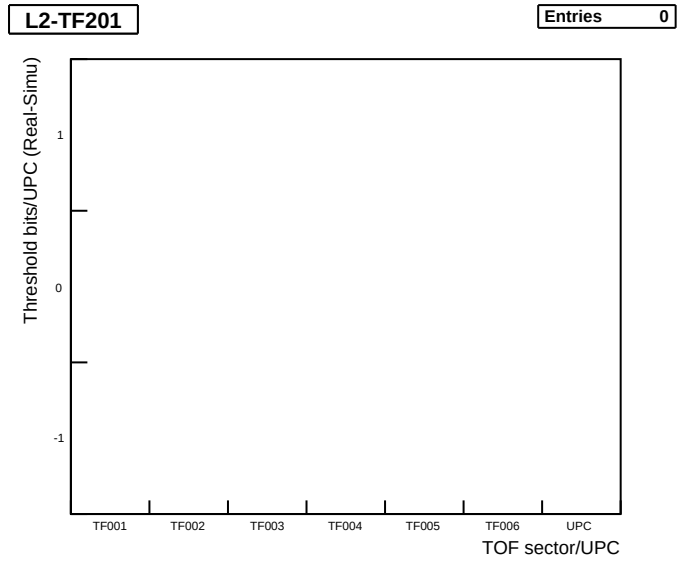

MIX-TF101
Entries 4.199999e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

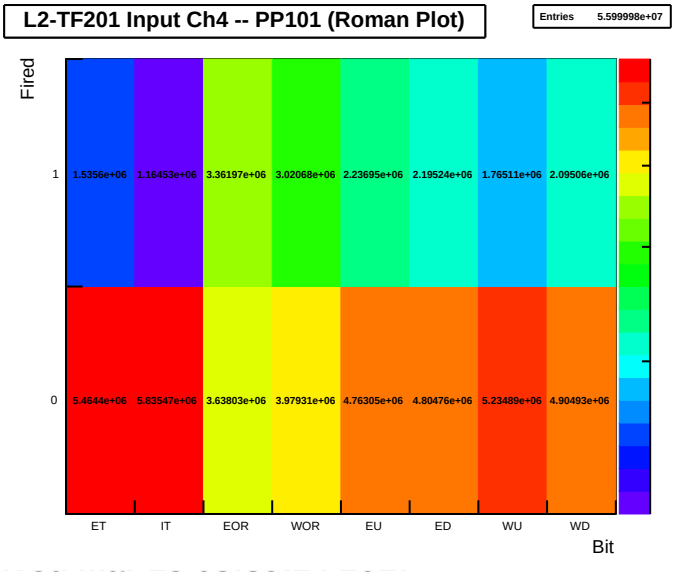

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

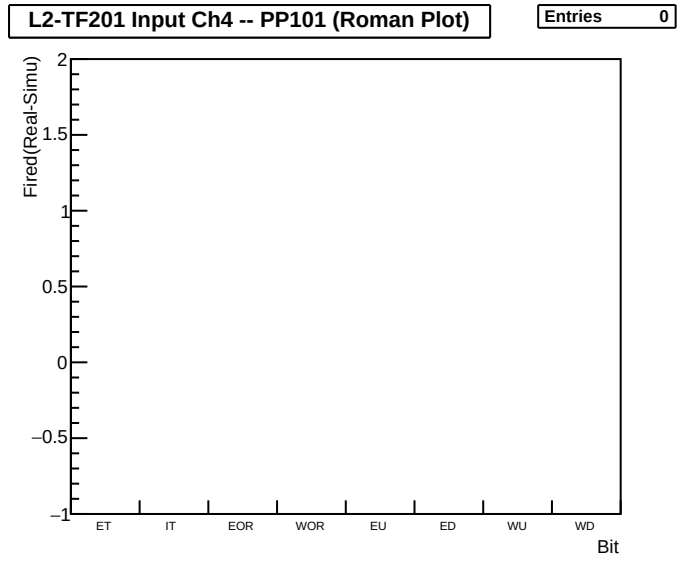

L2-TF201
Entries6999998
TOF total mult

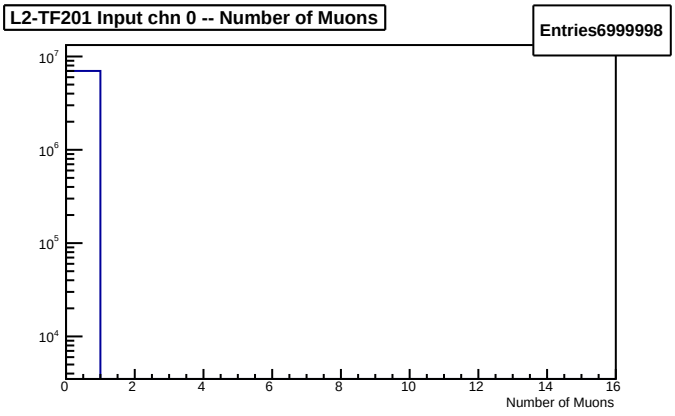

L2-TF201
Entries 0
TOF total mult(Real-Simu)

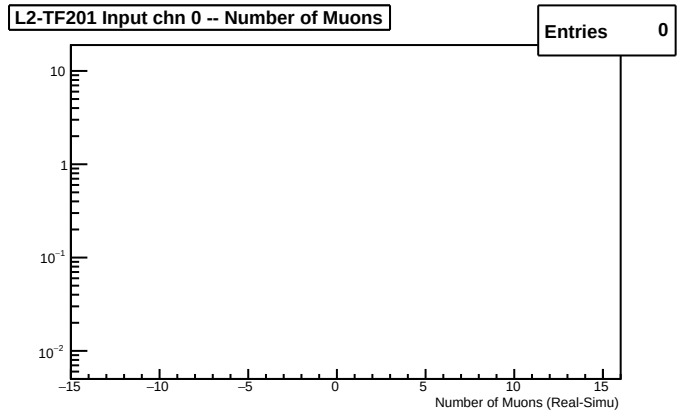

L2-TF201
Entries 4.899998e+07
Threshold/UPC bits
5.22081e+06
5.33782e+06
4.99679e+06
5.19024e+06
5.23683e+06
5.12311e+06
5.68504e+06
1.77918e+06
1.66217e+06
2.00321e+06
1.80976e+06
1.76317e+06
1.87689e+06
1.31496e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

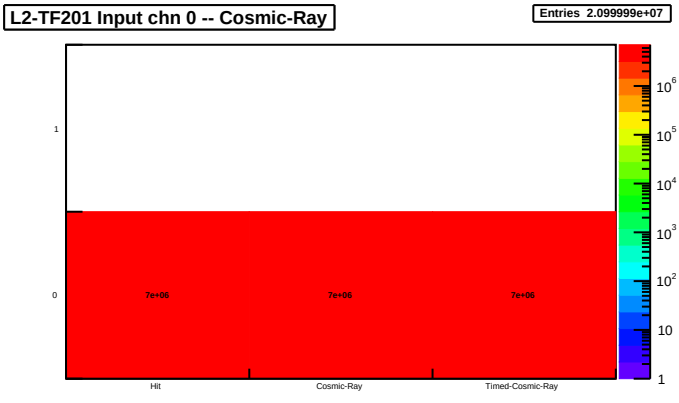

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

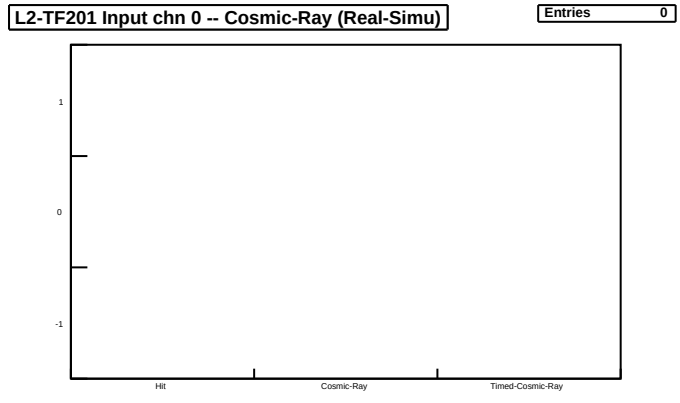

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.599998e+07
Fired
1.5356e+06
1.16453e+06
3.36197e+06
3.02068e+06
2.23695e+06
2.19524e+06
1.76511e+06
2.09506e+06
5.4644e+06
5.83547e+06
3.63803e+06
3.97931e+06
4.76305e+06
4.80476e+06
5.23489e+06
4.90493e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

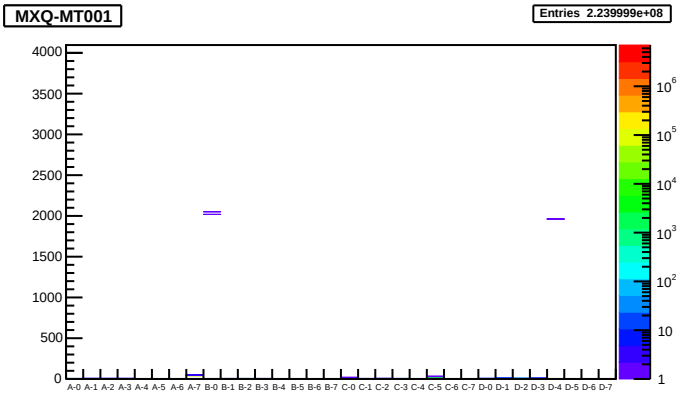

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

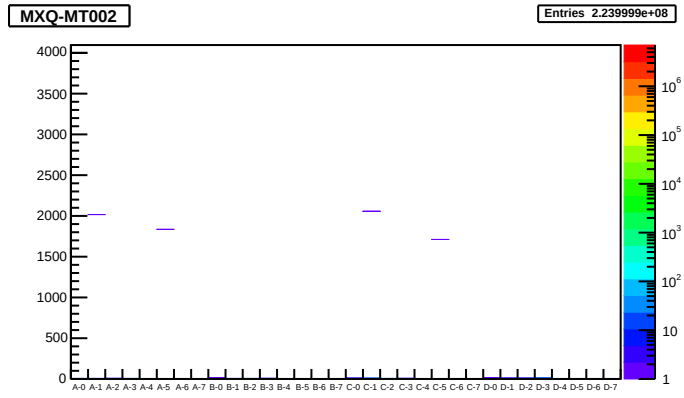

L2-TF201 Input chn 0 -- Number of Muons
Entries6999998
Number of Muons

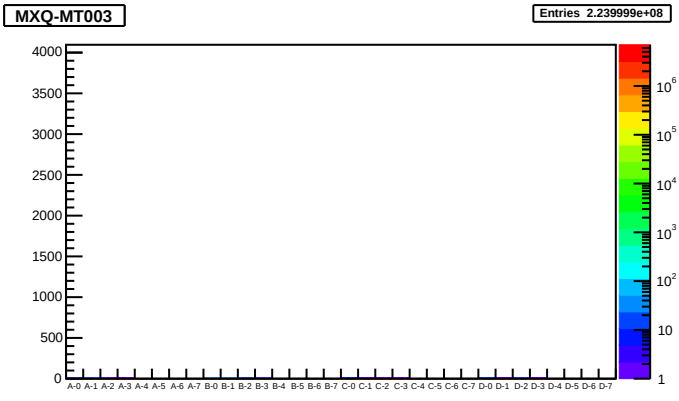

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

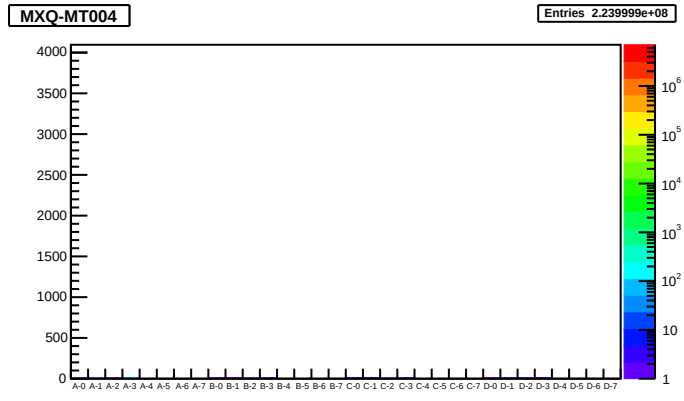

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.099999e+07
7e+06
7e+06
7e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

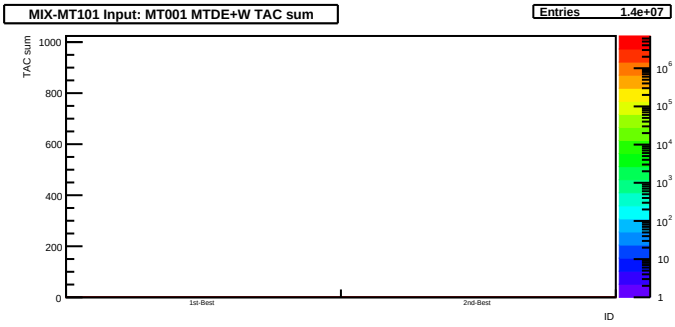

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

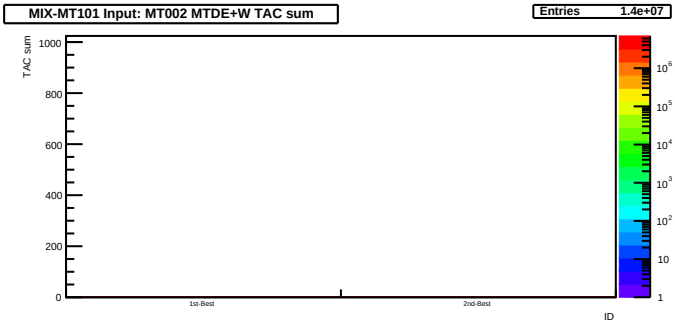

MXQ-MT001
Entries 2.239999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

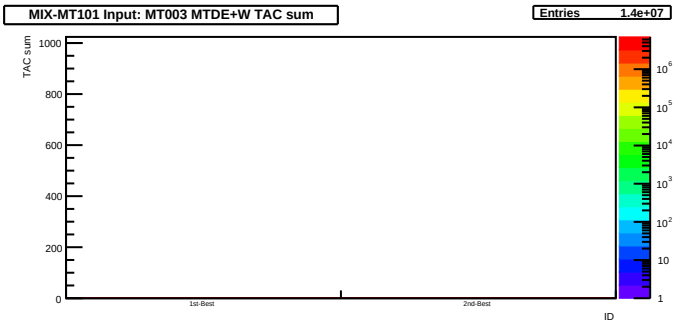

MXQ-MT002
Entries 2.239999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

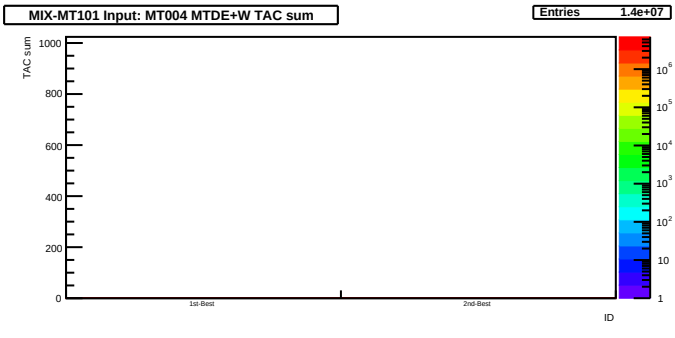

MXQ-MT003
Entries 2.239999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

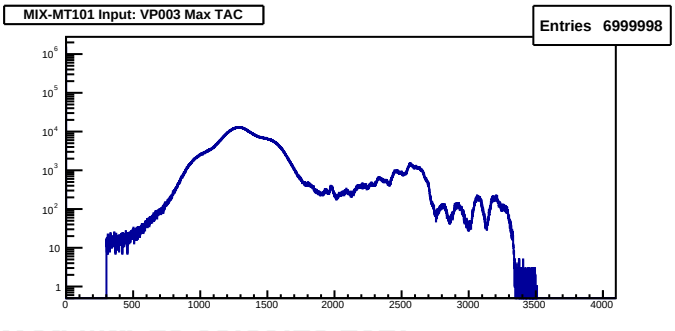

MXQ-MT004
Entries 2.239999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

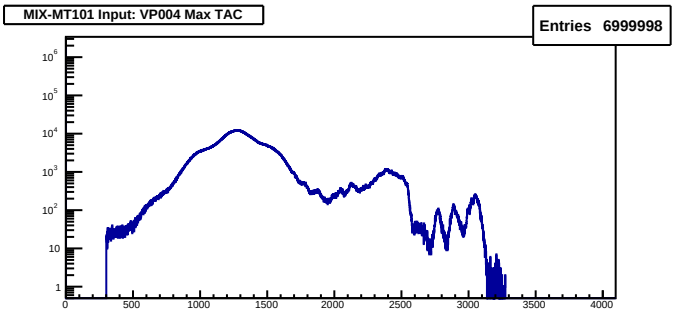

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.4e+07
TAC sum
1st-Best
2nd-Best
ID

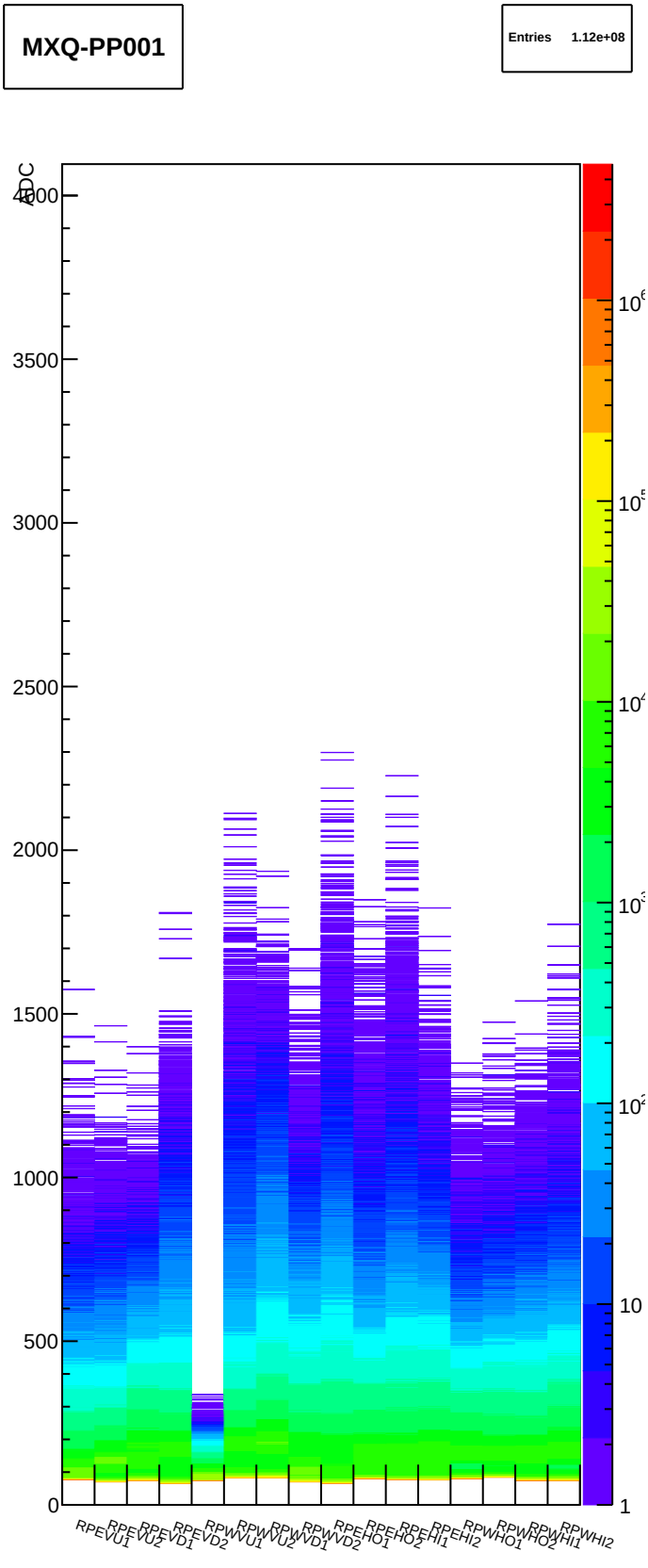

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.4e+07
TAC sum
1st-Best
2nd-Best
ID

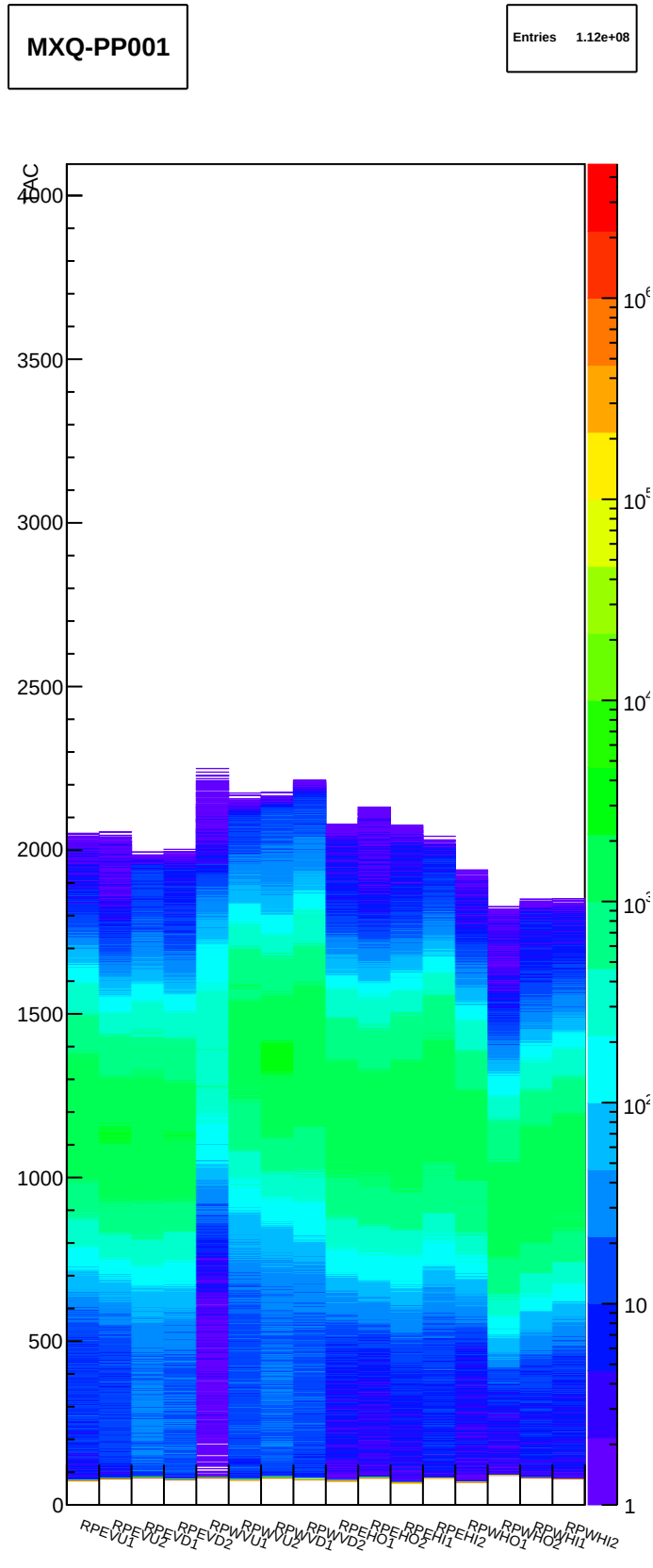

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.4e+07
TAC sum
1st-Best
2nd-Best
ID

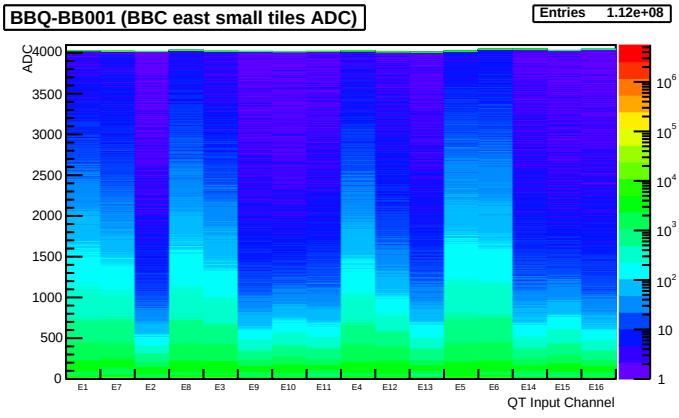

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.4e+07
TAC sum
1st-Best
2nd-Best
ID

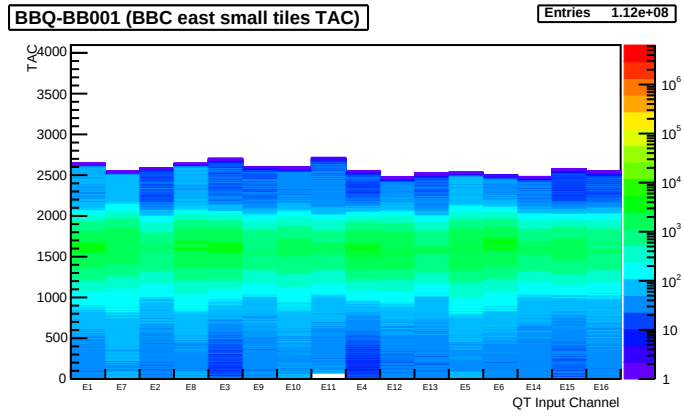

MIX-MT101 Input: VP003 Max TAC
Entries 6999998

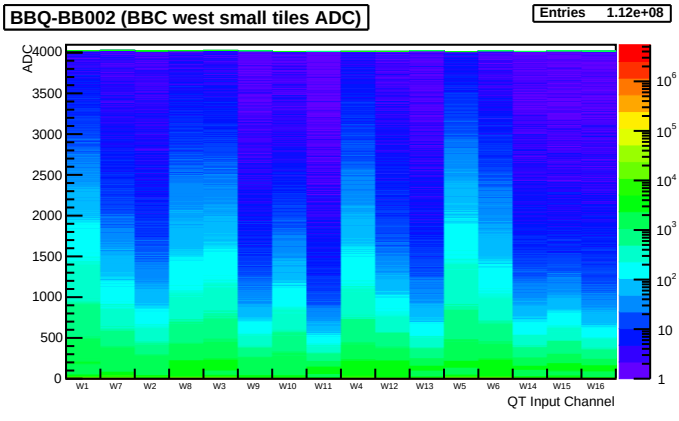

MIX-MT101 Input: VP004 Max TAC
Entries 6999998

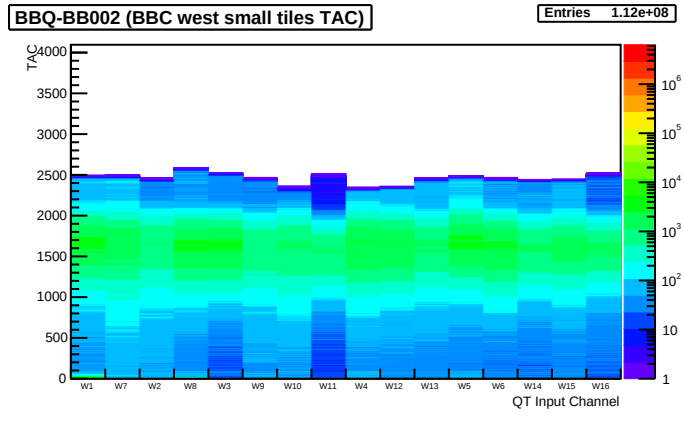

MXQ-PP001
Entries 1.12e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

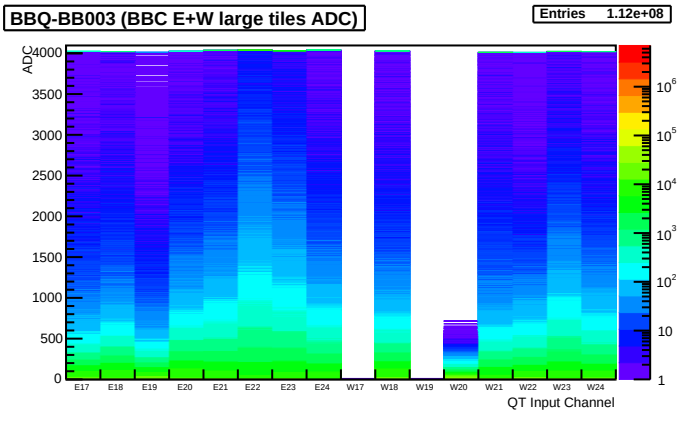

MXQ-PP001
Entries 1.12e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

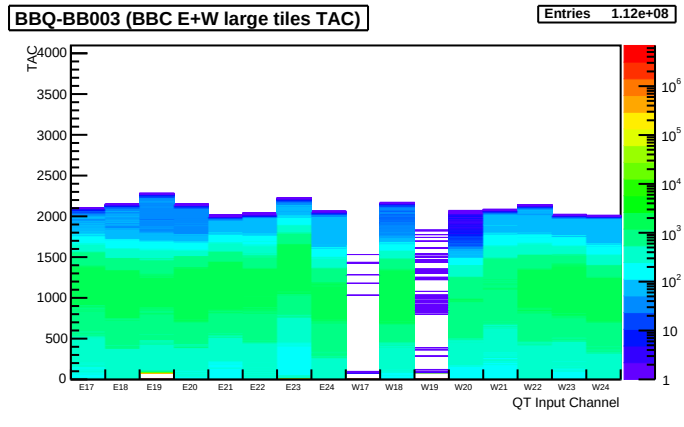

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.12e+08
ADC
QT Input Channel

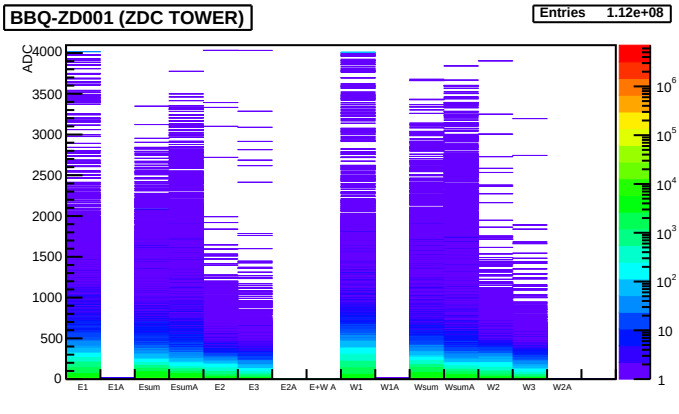

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.12e+08
TAC
QT Input Channel

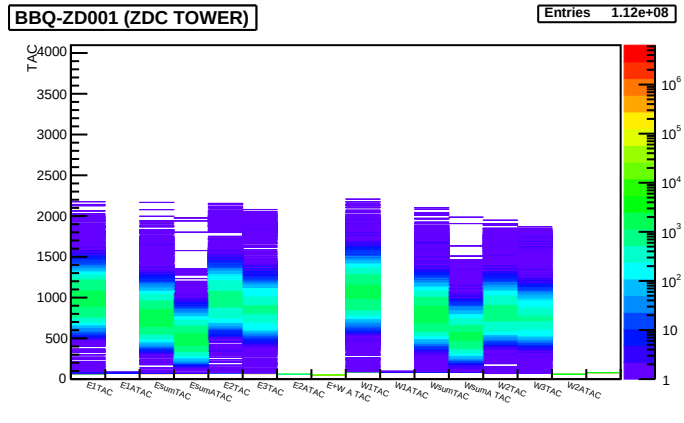

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.12e+08
ADC
QT Input Channel

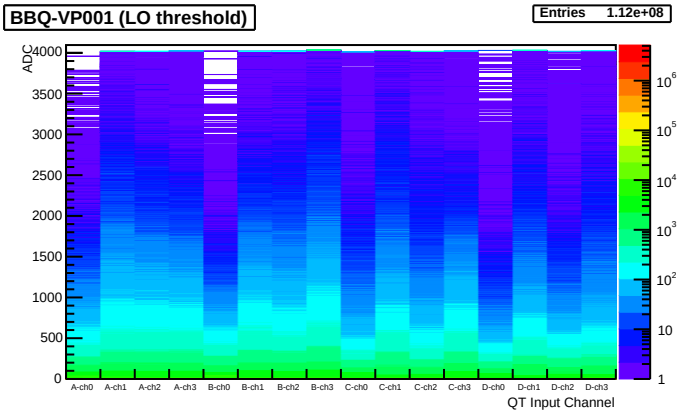

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.12e+08
TAC
QT Input Channel

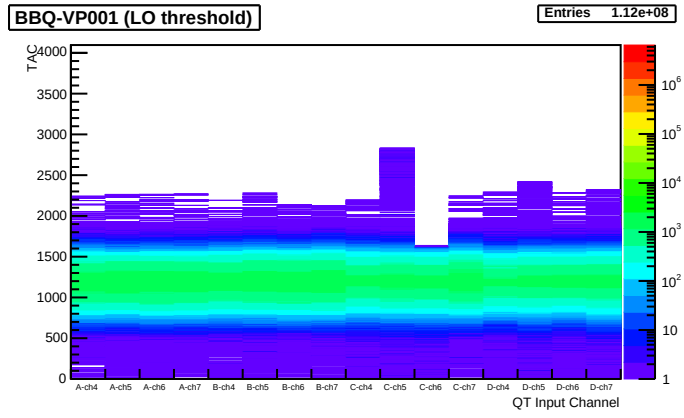

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.12e+08
ADC
QT Input Channel

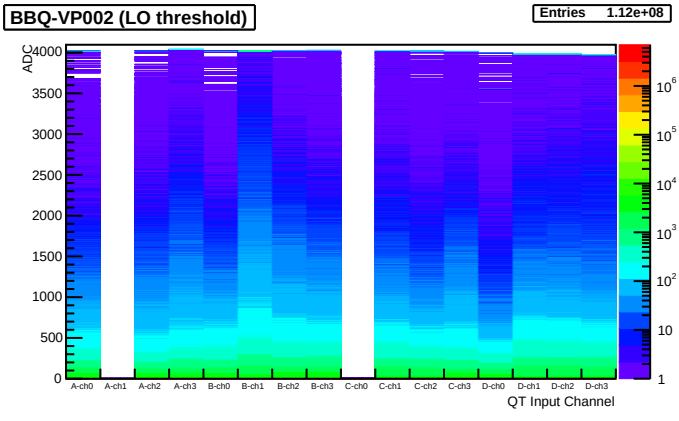

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.12e+08
TAC
QT Input Channel

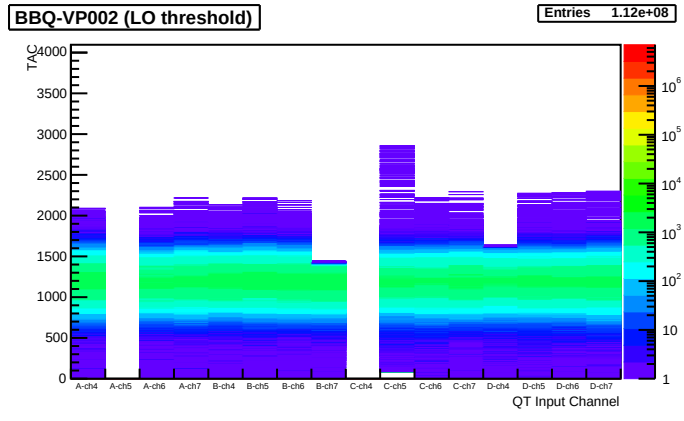

BBQ-ZD001 (ZDC TOWER)
Entries 1.12e+08
ADC

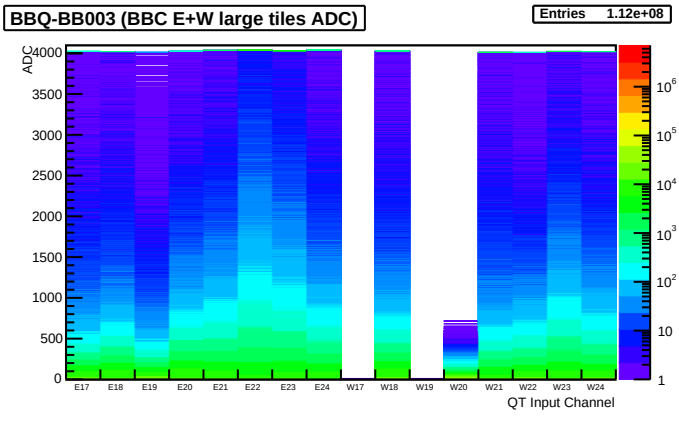

BBQ-ZD001 (ZDC TOWER)
Entries 1.12e+08
TAC

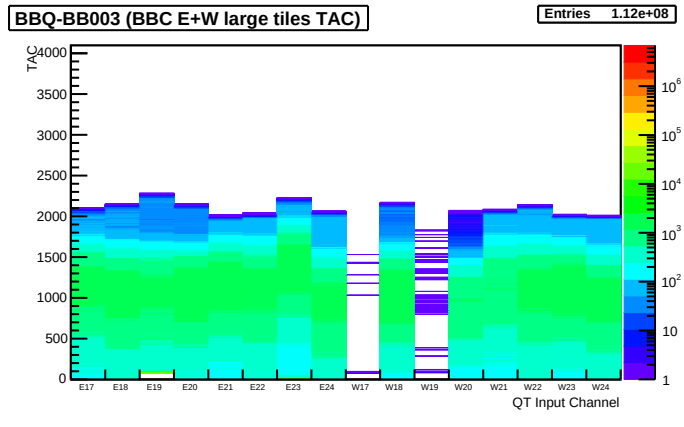

BBQ-VP001 (LO threshold)
Entries 1.12e+08
ADC
QT Input Channel

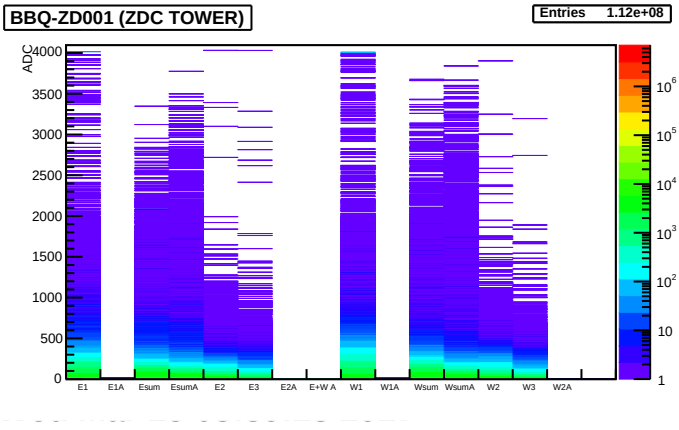

BBQ-VP001 (LO threshold)
Entries 1.12e+08
TAC
QT Input Channel

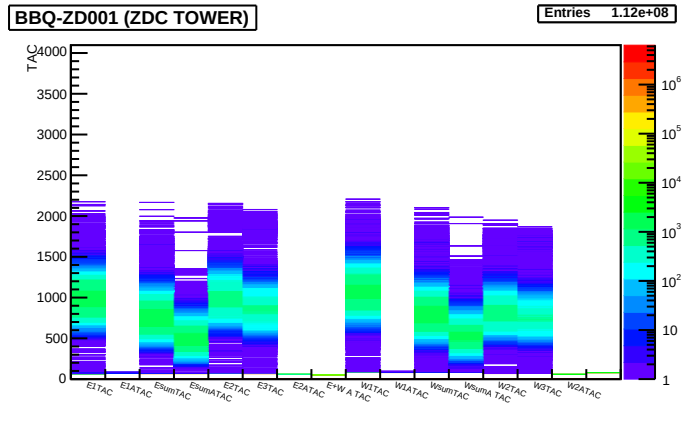

BBQ-VP002 (LO threshold)
Entries 1.12e+08
ADC
QT Input Channel

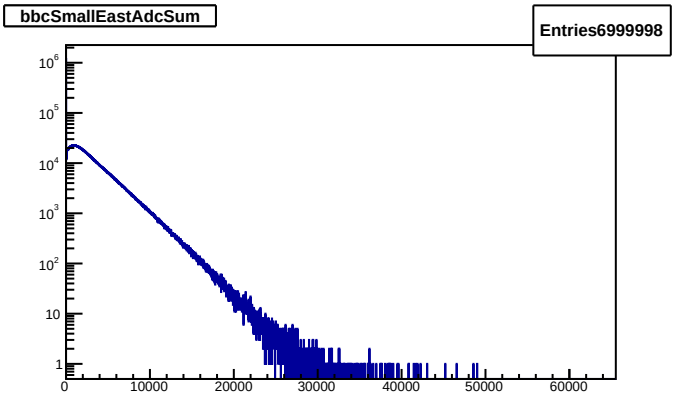

BBQ-VP002 (LO threshold)
Entries 1.12e+08
TAC
QT Input Channel

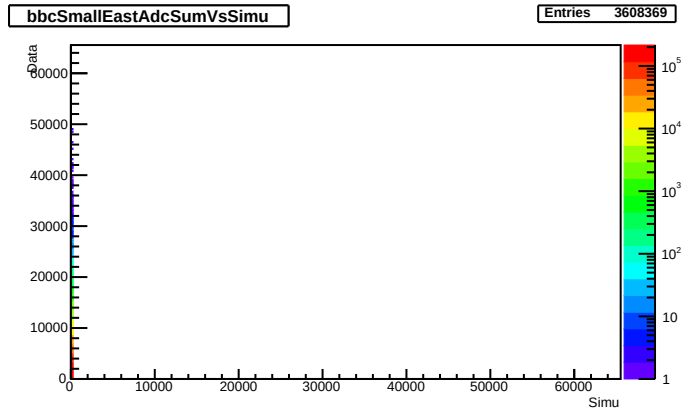

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.12e+08
ADC
QT Input Channel

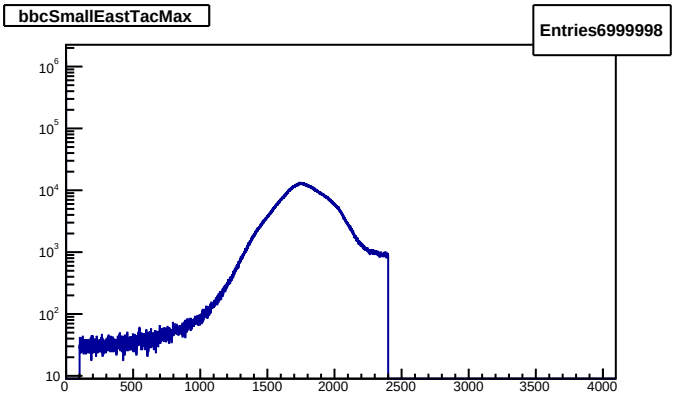

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.12e+08
TAC
QT Input Channel

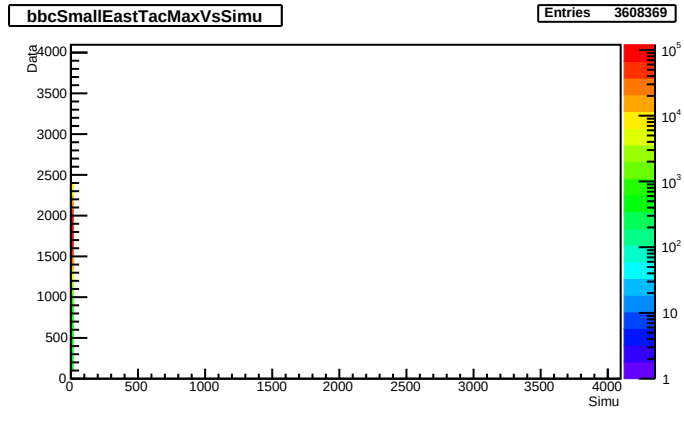

BBQ-ZD001 (ZDC TOWER)
Entries 1.12e+08
ADC

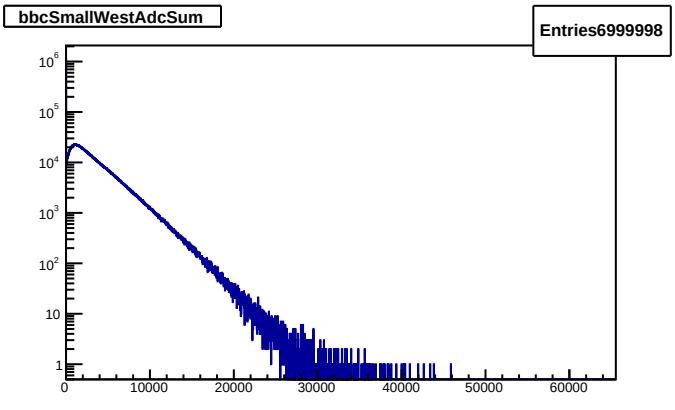

BBQ-ZD001 (ZDC TOWER)
Entries 1.12e+08
TAC

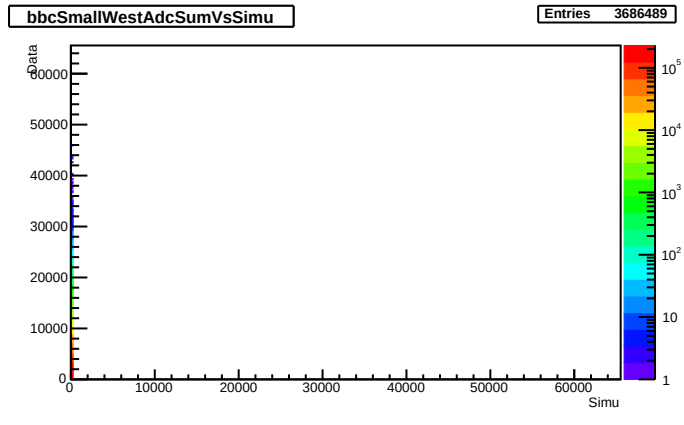

bbcSmallEastAdcSum
Entries6999998

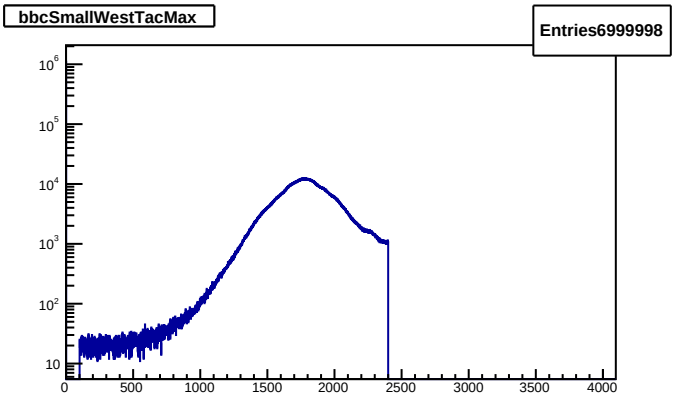

bbcSmallEastAdcSumVsSimu
Entries 3608369
Data
Simu

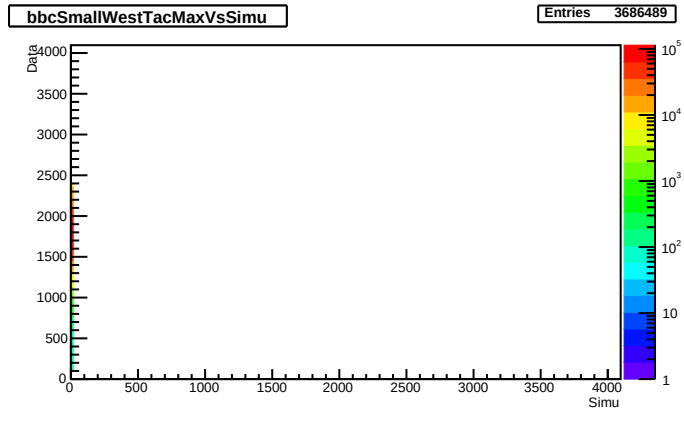

bbcSmallEastTacMax
Entries6999998

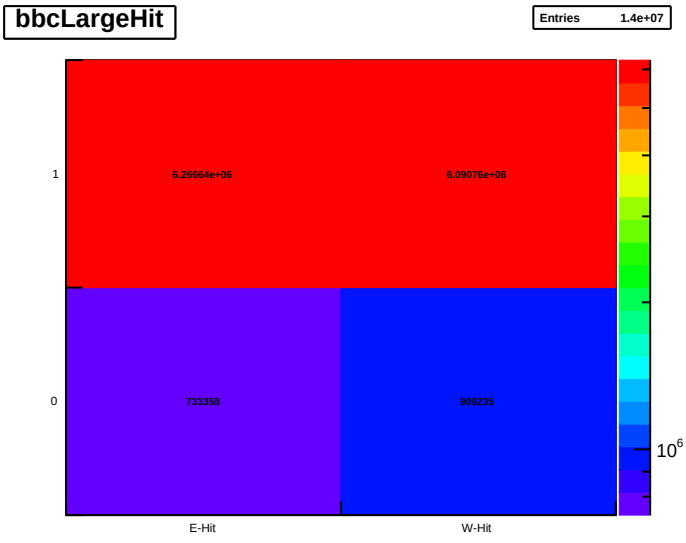

bbcSmallEastTacMaxVsSimu
Entries 3608369
Data
Simu

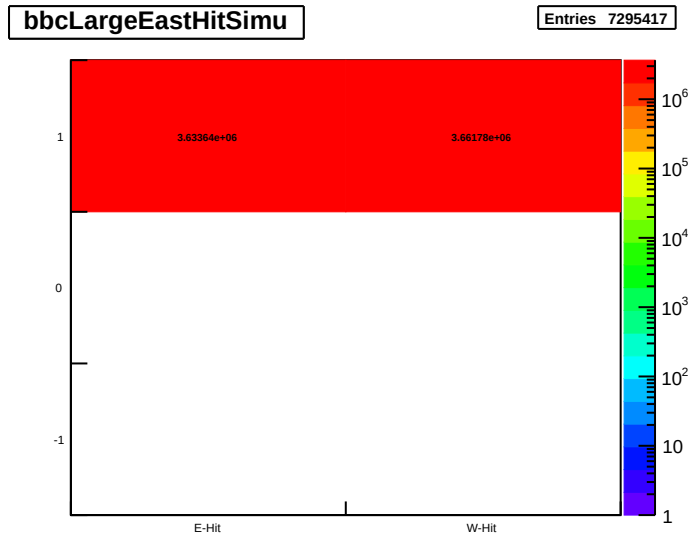

bbcSmallWestAdcSum
Entries6999998

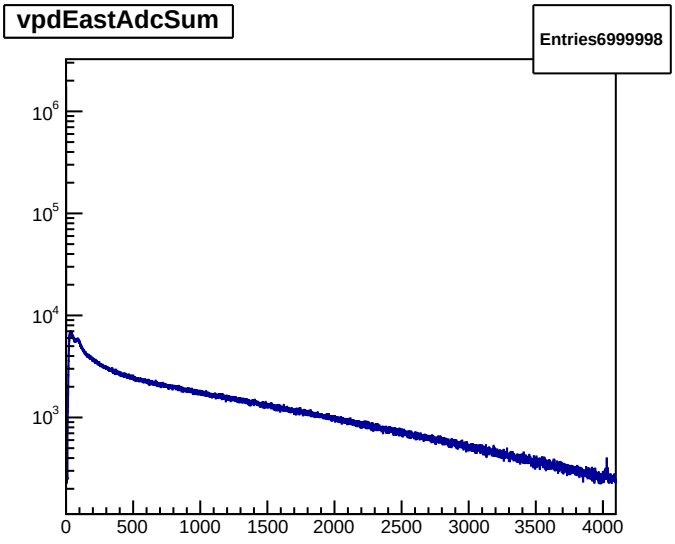

bbcSmallWestAdcSumVsSimu
Entries 3686489
Data
Simu

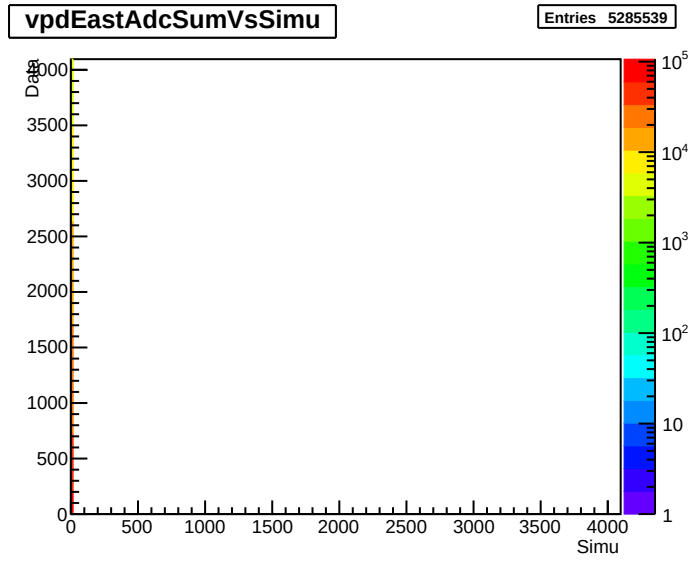

bbcSmallWestTacMax
Entries6999998

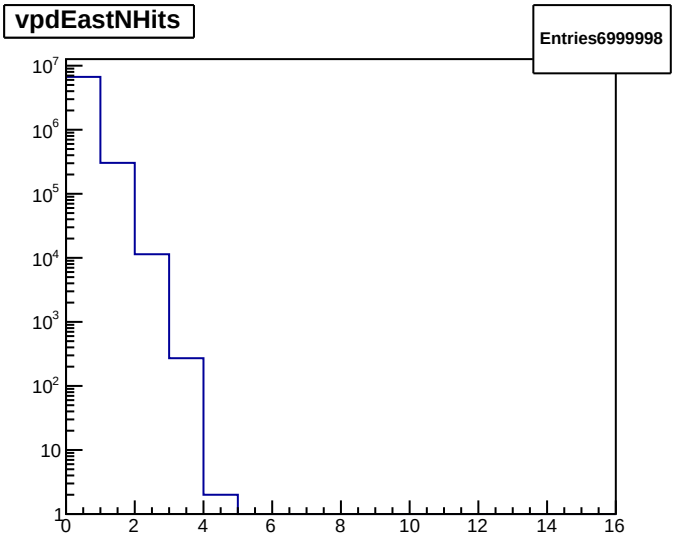

bbcSmallWestTacMaxVsSimu
Entries 3686489
Data
Simu

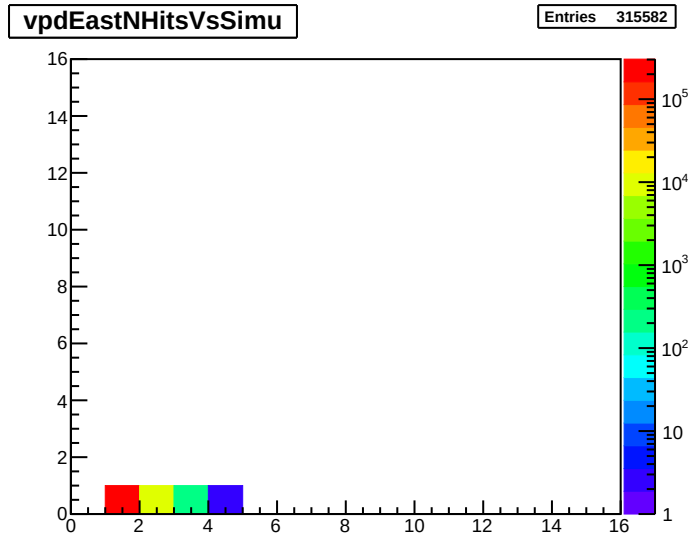

bbcLargeHit
Entries 1.4e+07
6.26664e+06
6.09076e+06
733358
909235
1
0
E-Hit
W-Hit
10^6

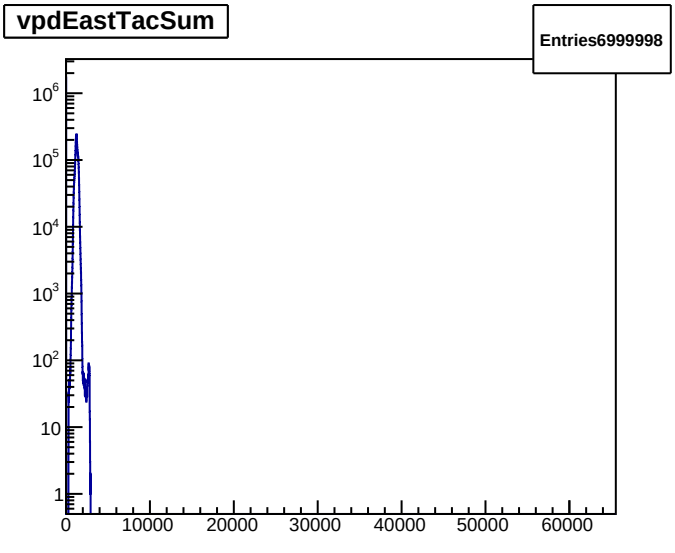

bbcLargeEastHitSimu
Entries 7295417
3.63364e+06
3.66178e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

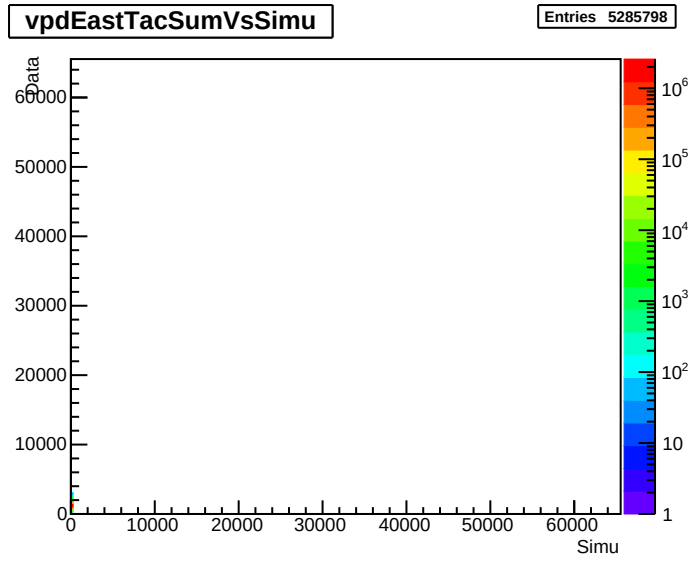

vpdEastAdcSum
Entries6999998

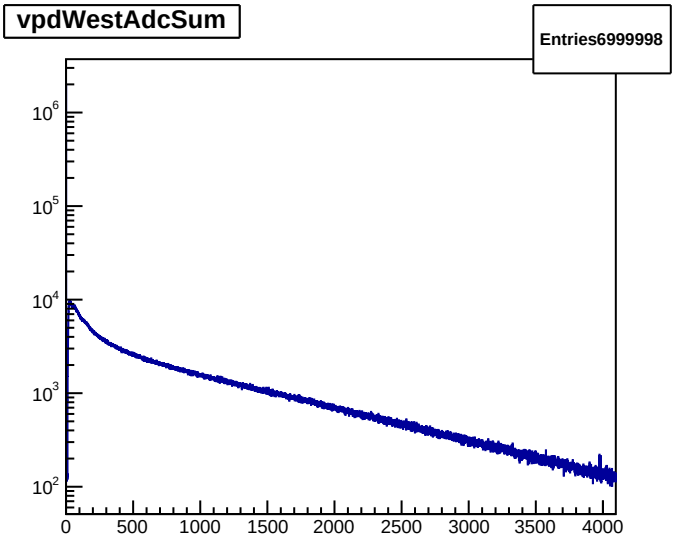

vpdEastAdcSumVsSimu
Entries 5285539
Data
Simu

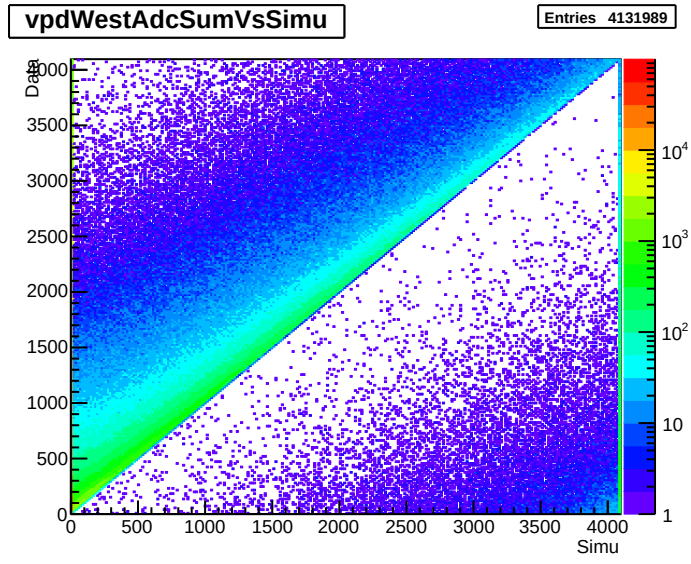

vpdEastNHits
Entries6999998

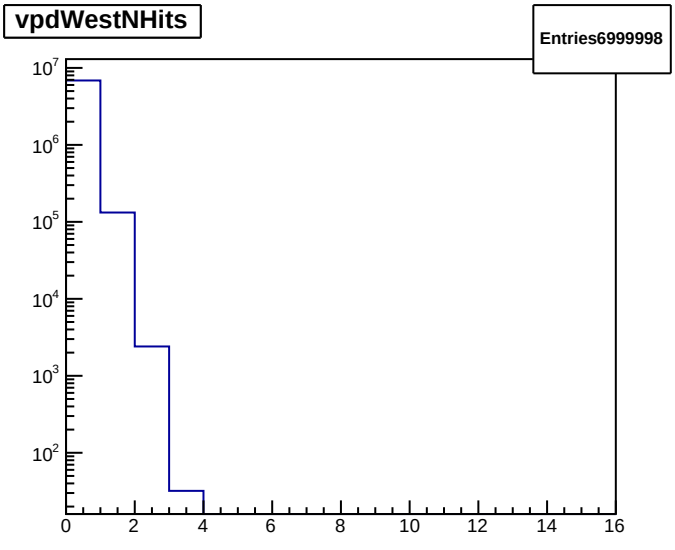

vpdEastNHitsVsSimu
Entries 315582

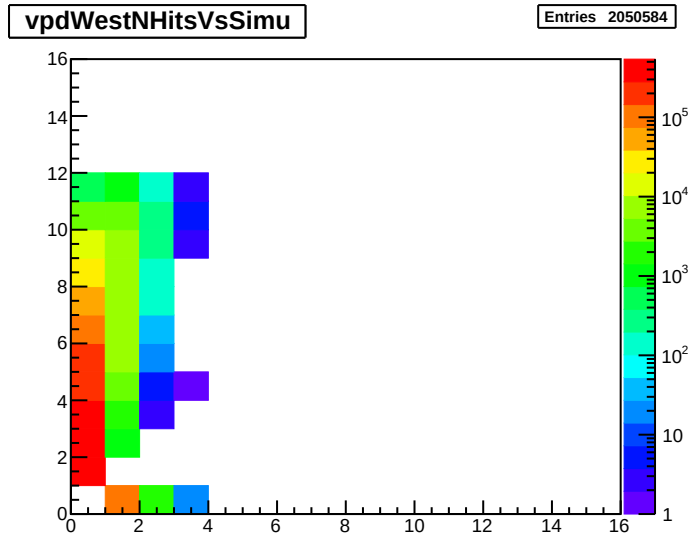

vpdEastTacSum
Entries6999998

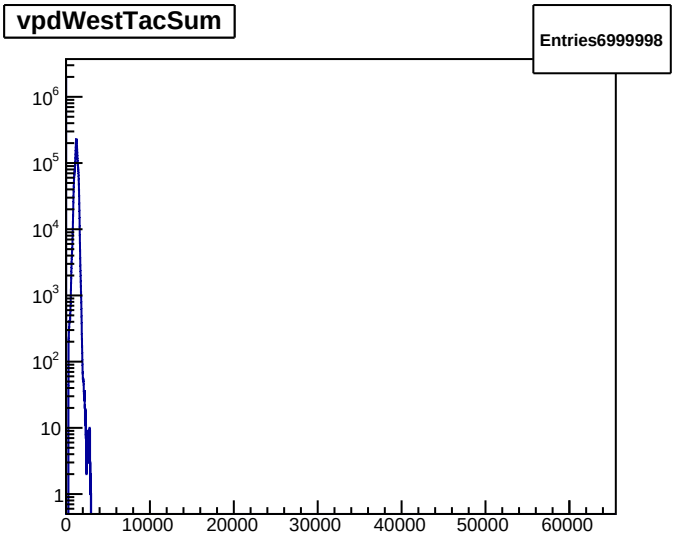

vpdEastTacSumVsSimu
Entries 5285798
Data
Simu

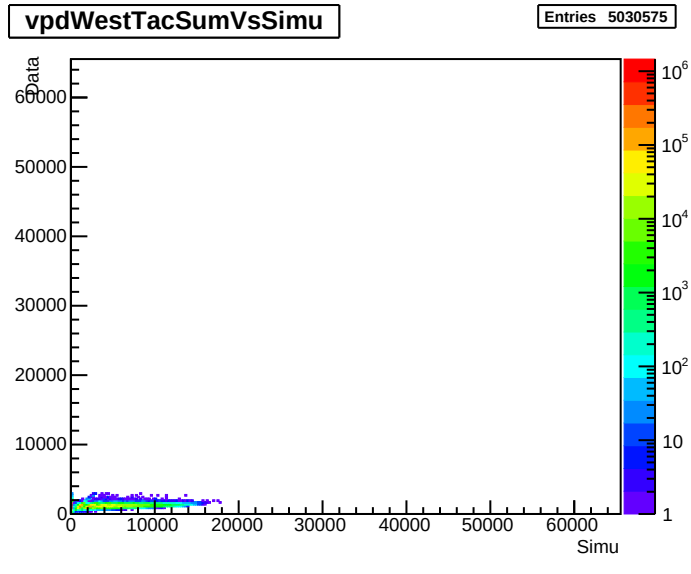

vpdWestAdcSum
Entries6999998

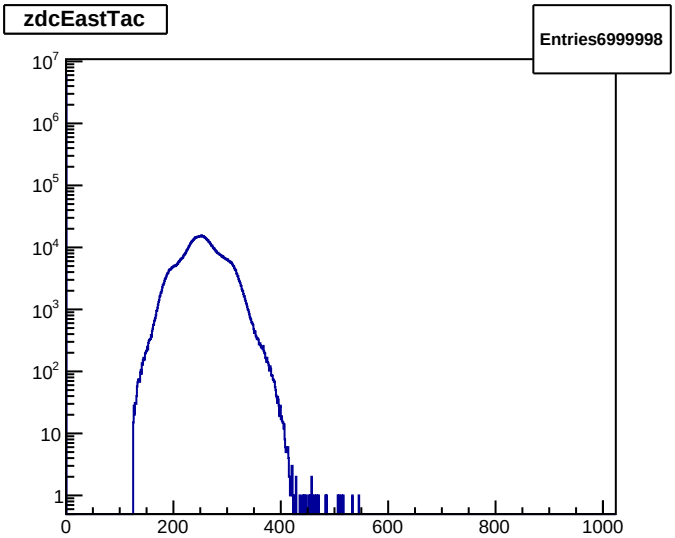

vpdWestAdcSumVsSimu
Entries 4131989
Data
Simu

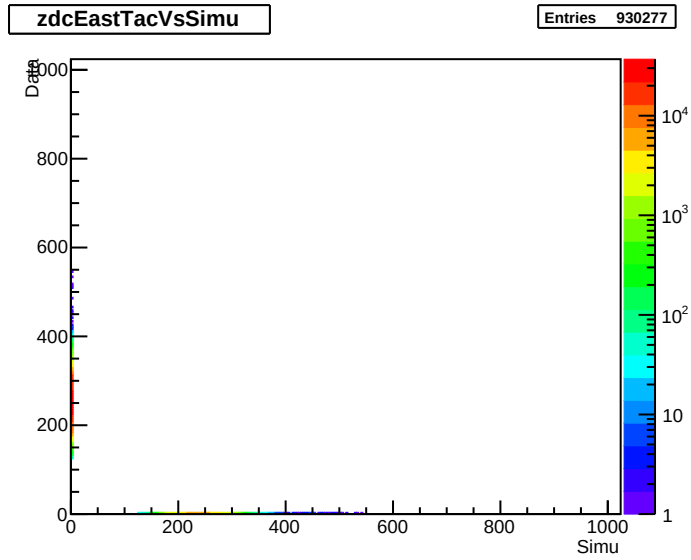

vpdWestNHits
Entries6999998

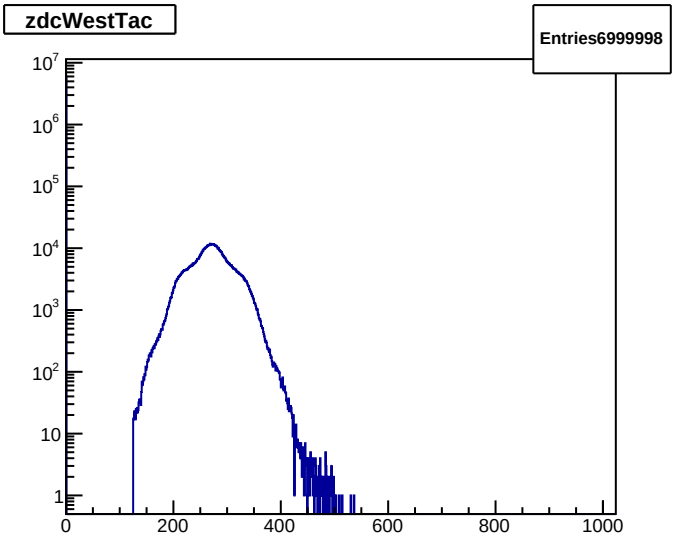

vpdWestNHitsVsSimu
Entries 2050584

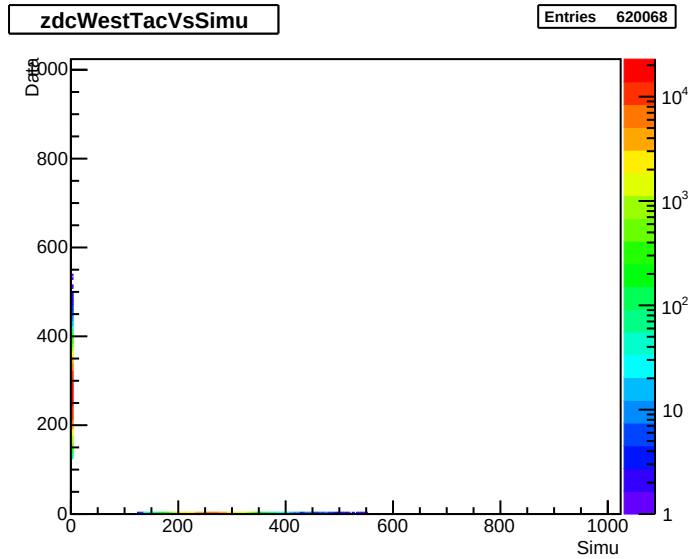

vpdWestTacSum
Entries6999998

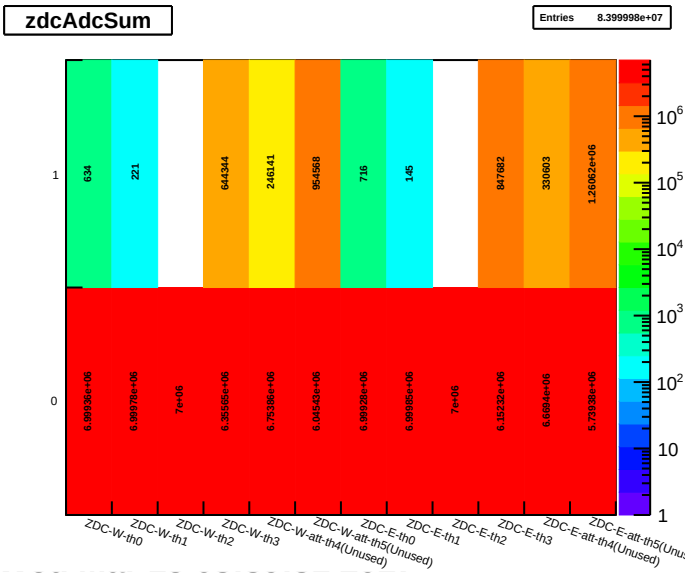

vpdWestTacSumVsSimu
Entries 5030575
Data
Simu

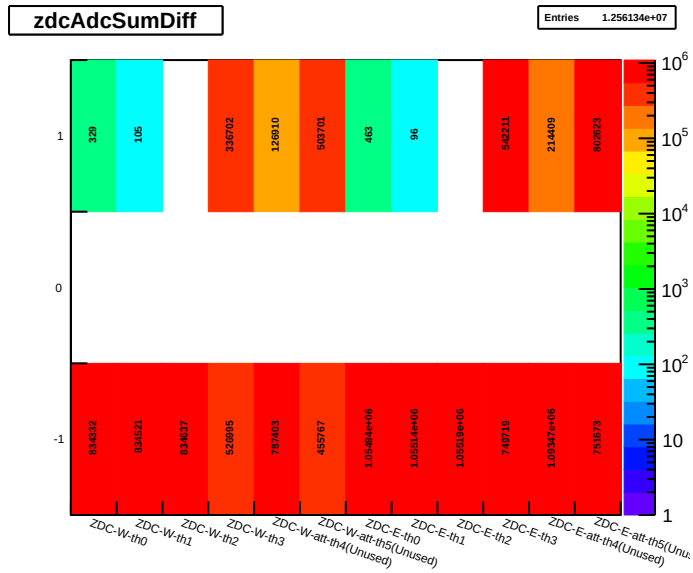

zdcEastTac
Entries6999998

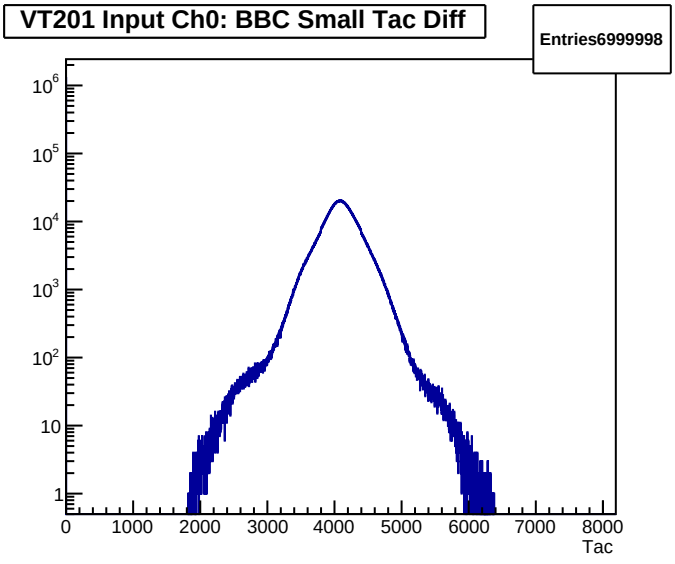

zdcEastTacVsSimu
Entries 930277
Data
Simu

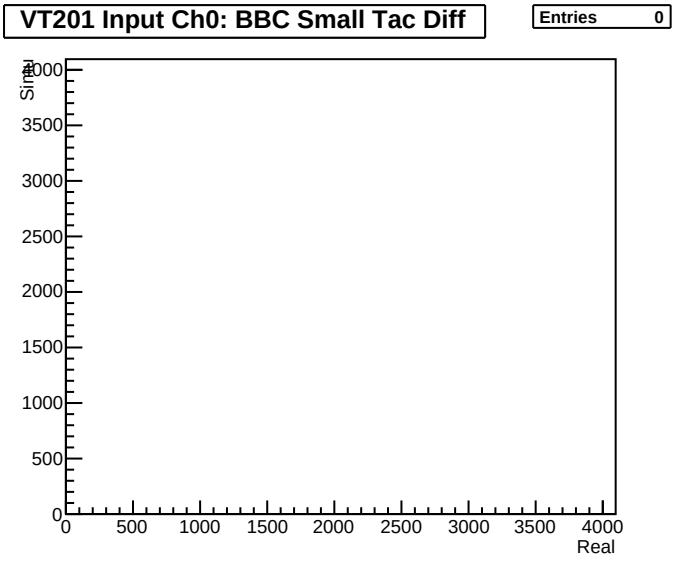

zdcWestTac
Entries6999998

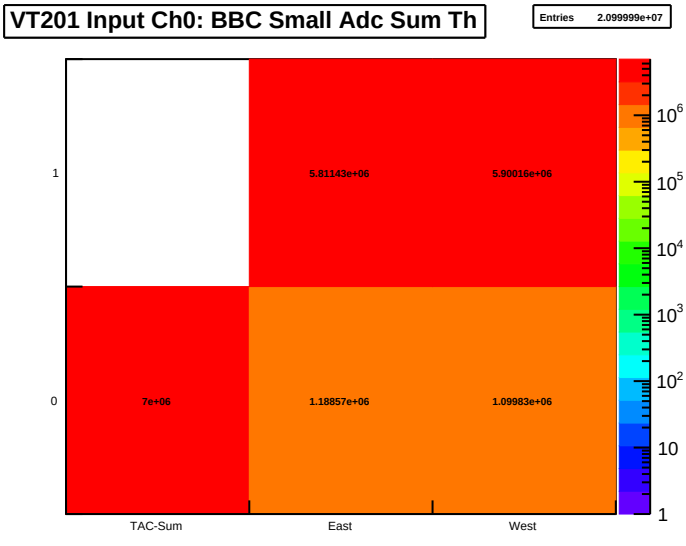

zdcWestTacVsSimu
Entries 620068
Data
Simu

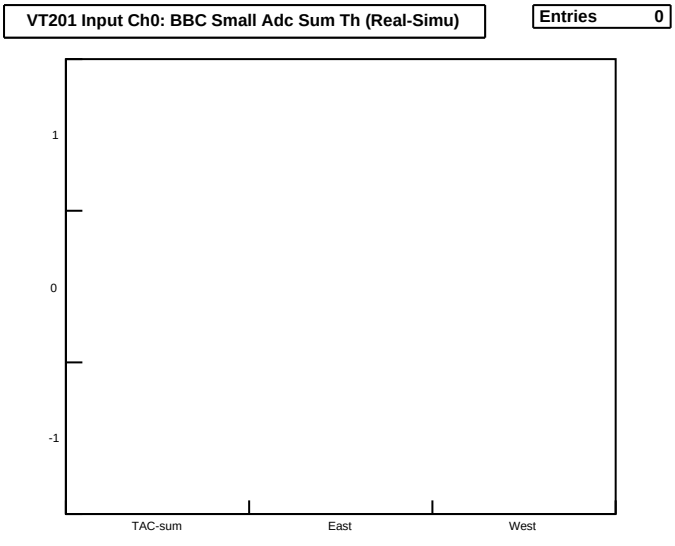

zdcAdcSum
Entries 8.399998e+07
634
221
644344
246141
954568
716
145
847682
330603
1.26062e+06
6.99936e+06
6.99978e+06
7e+06
6.35565e+06
6.75386e+06
6.04543e+06
6.99928e+06
6.99985e+06
7e+06
6.15232e+06
6.6694e+06
5.79938e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

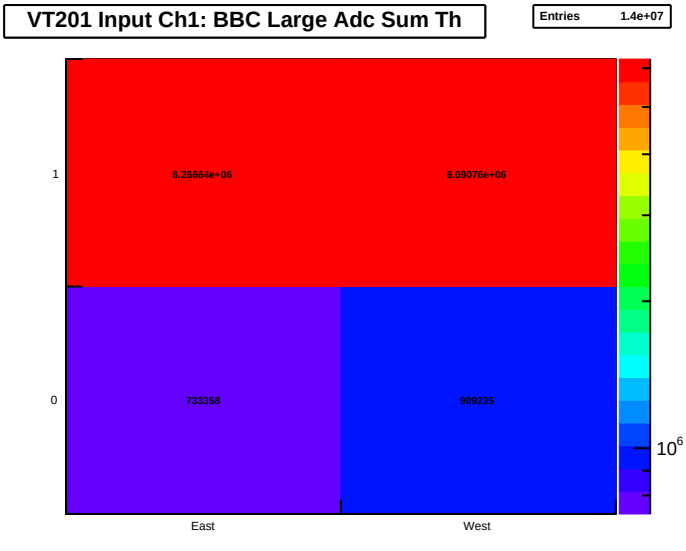

zdcAdcSumDiff
Entries 1.256134e+07
329
105
336702
126910
503701
463
96
542211
214409
802623
834332
834521
834637
526995
787403
455767
1.05494e+06
1.05514e+06
1.05519e+06
749719
1.09347e+06
751673
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

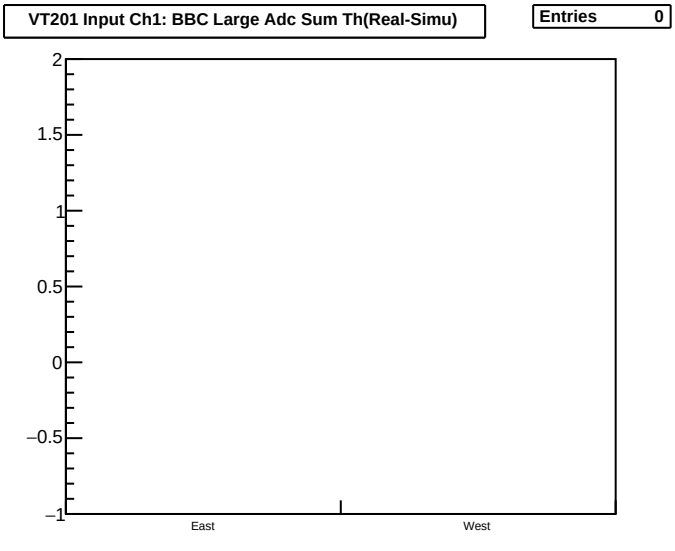

VT201 Input Ch0: BBC Small Tac Diff
Entries6999998
Tac


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

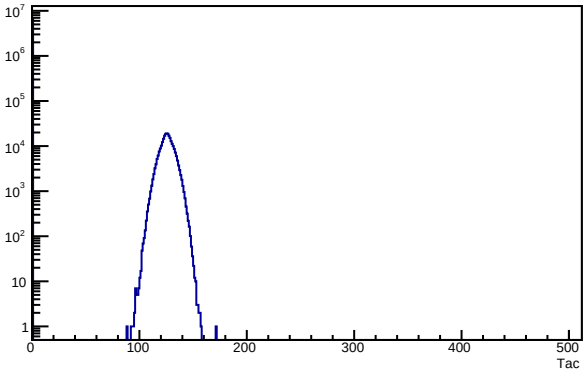

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.099999e+07
5.81143e+06
5.90016e+06
7e+06
1.18857e+06
1.09983e+06
TAC-Sum
East
West


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

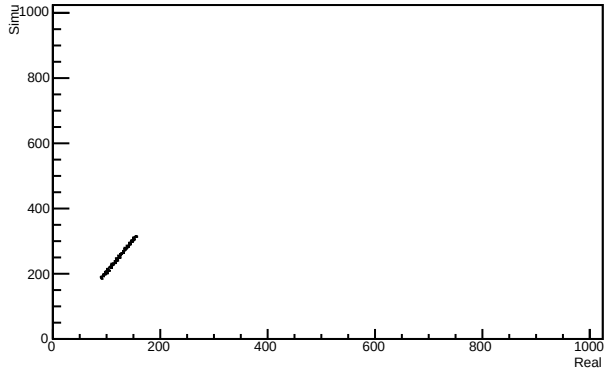

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.4e+07
6.26664e+06
6.09076e+06
733358
909235
East
West


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

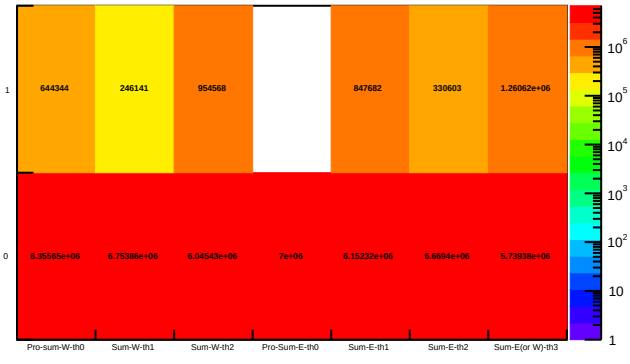
VT201 Input Ch2: ZDC Tac Diff



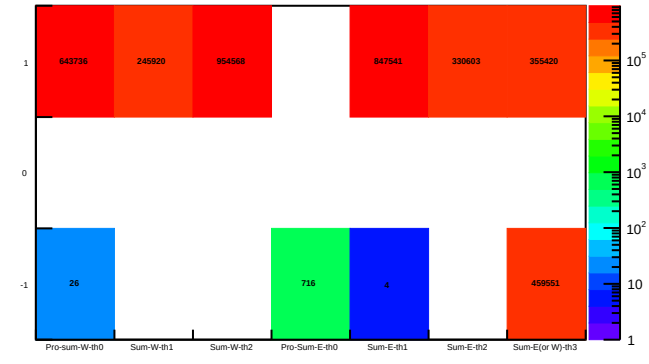
VT201 Input Ch2: ZDC Tac Diff



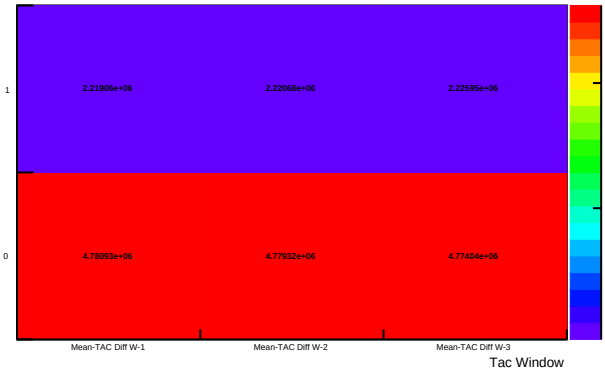
VT201 Input Ch2: ZDC Adc Sum Th



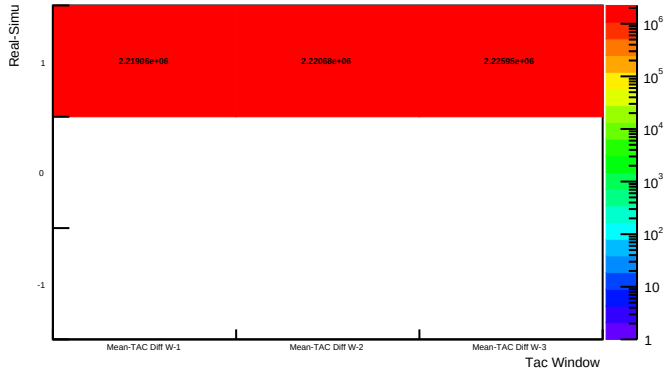
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



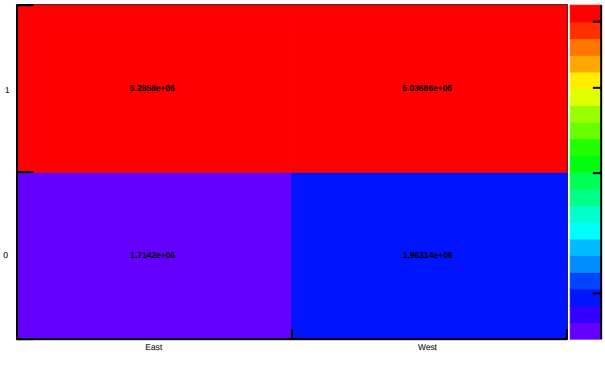
VT201 Input Ch4: VPD Tac Diff



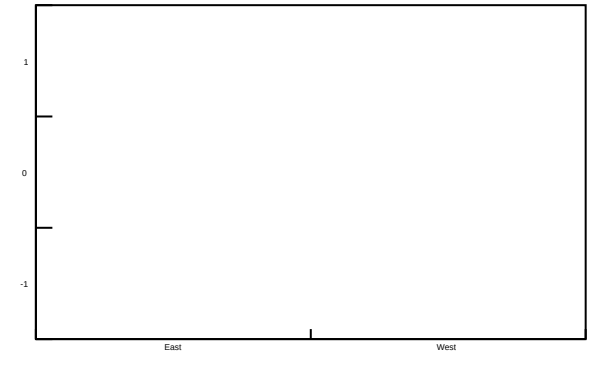
VT201 Input Ch4: VPD Tac Diff

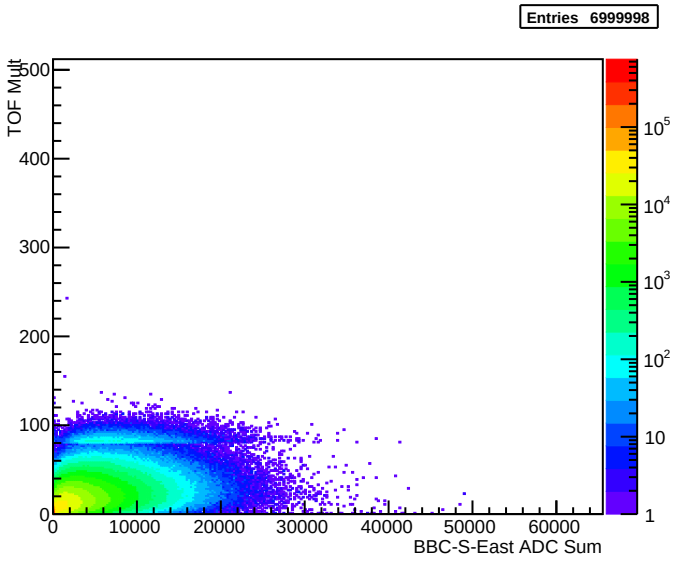


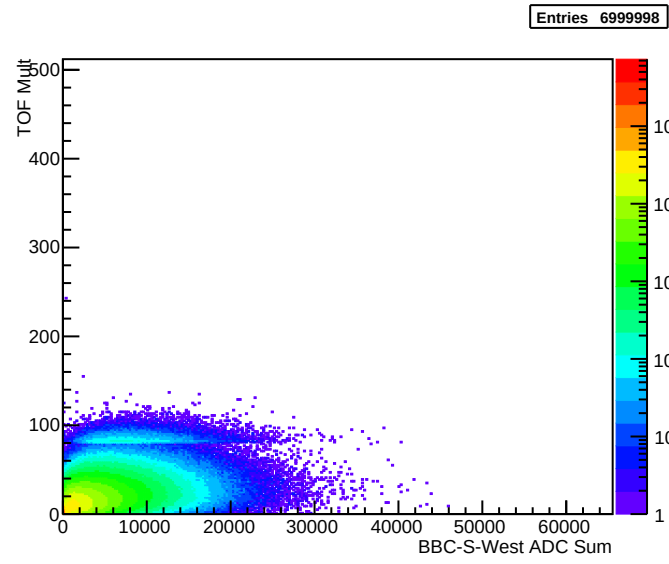
VT201 Input Ch4: VPD Adc Sum Th

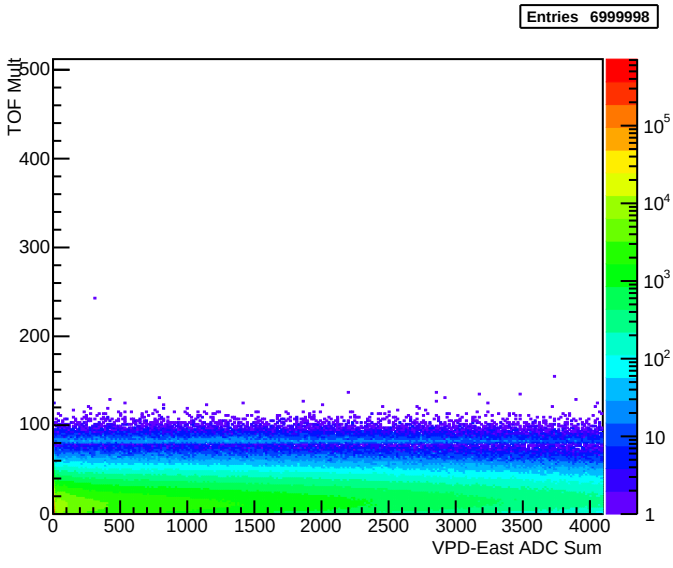


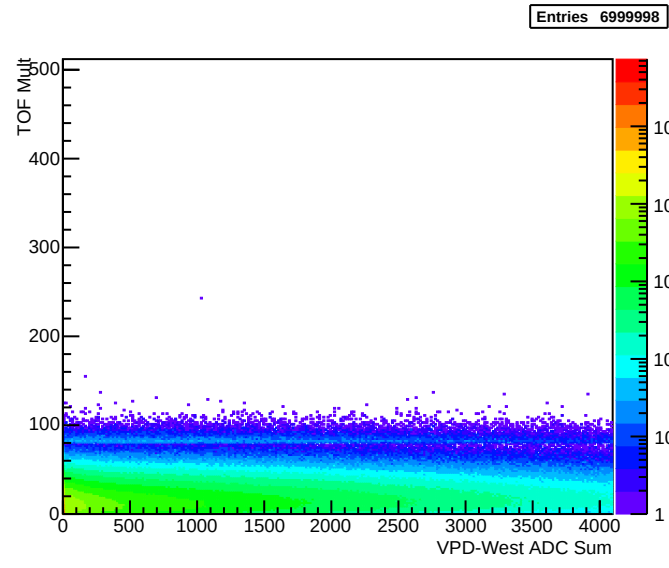
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

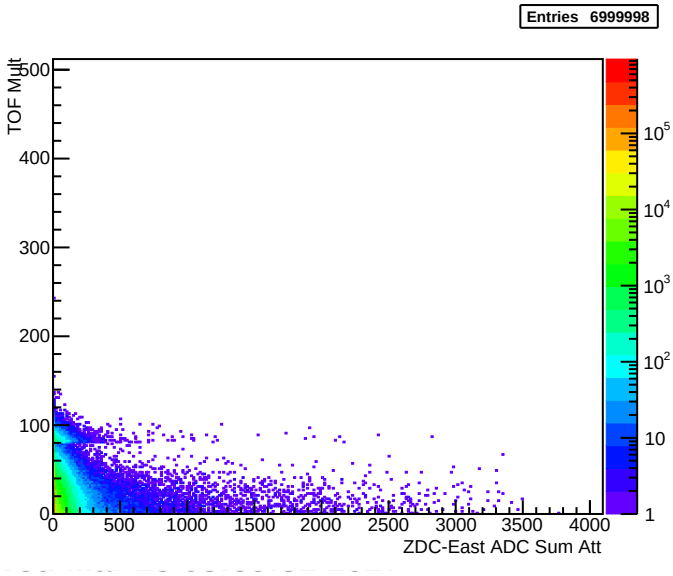


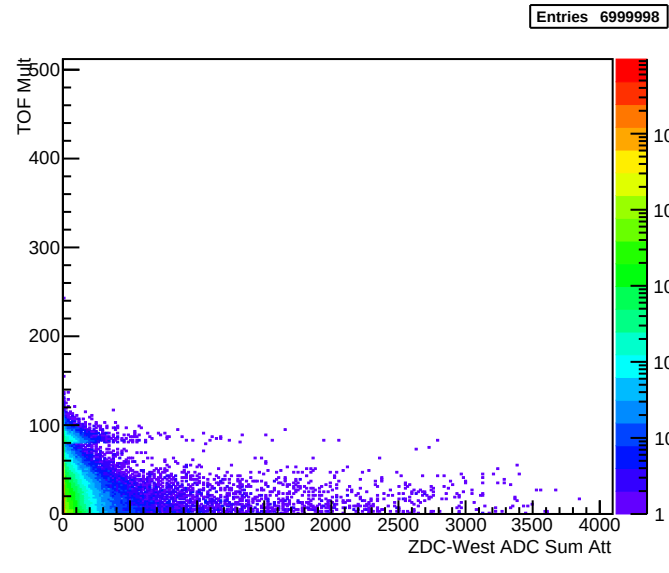

Entries 6999998
TOF Mult
BBC-S-East ADC Sum

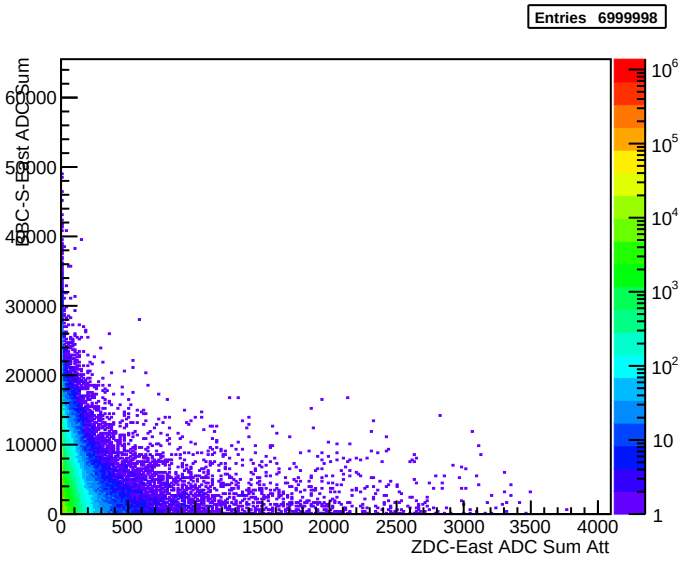

Entries 6999998
TOF Mult
BBC-S-West ADC Sum

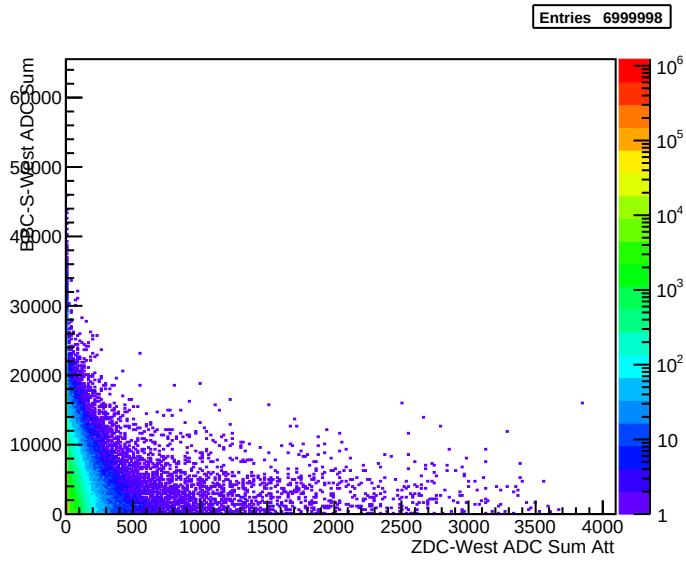

Entries 6999998
TOF Mult
VPD-East ADC Sum

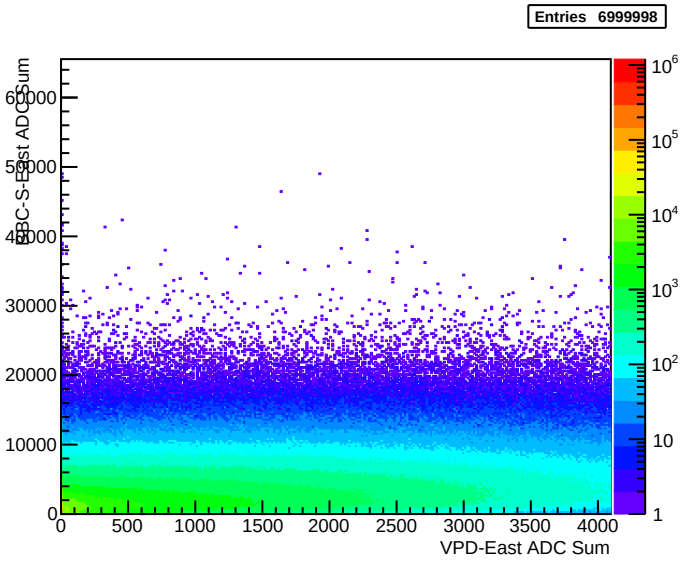

Entries 6999998
TOF Mult
VPD-West ADC Sum

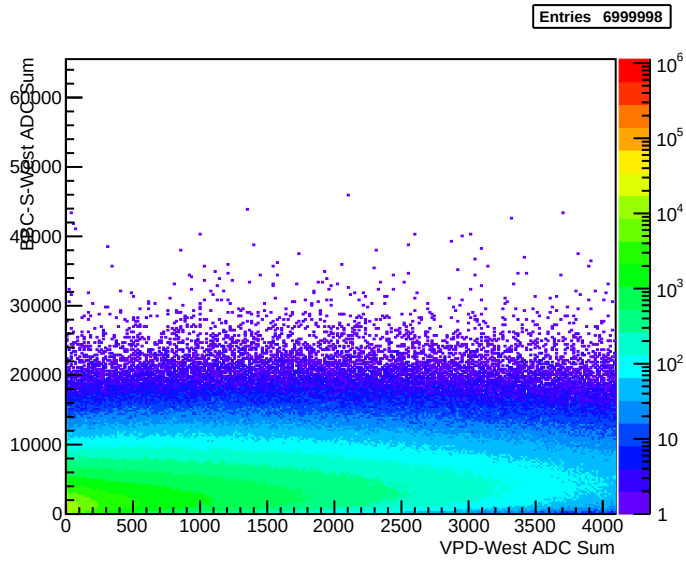

Entries 6999998
TOF Mult
ZDC-East ADC Sum Att

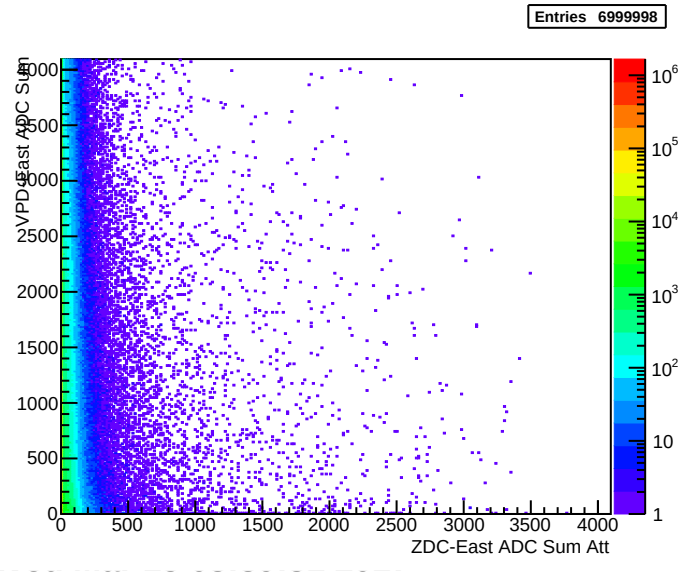

Entries 6999998
TOF Mult
ZDC-West ADC Sum Att

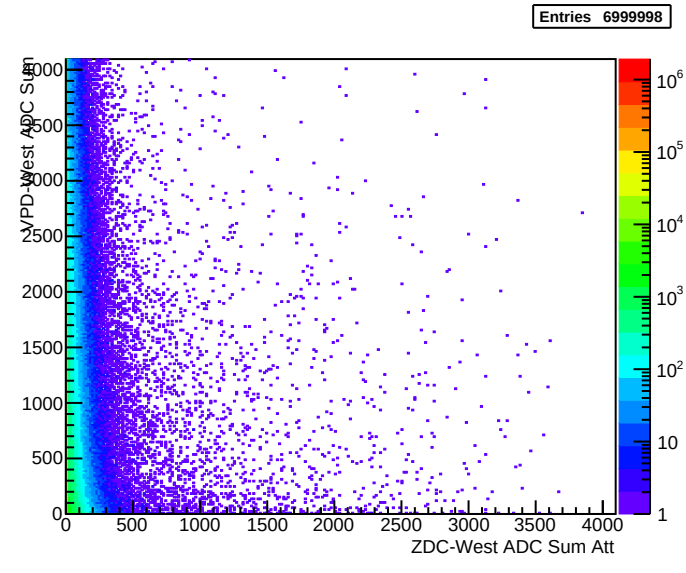

Entries 6999998
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

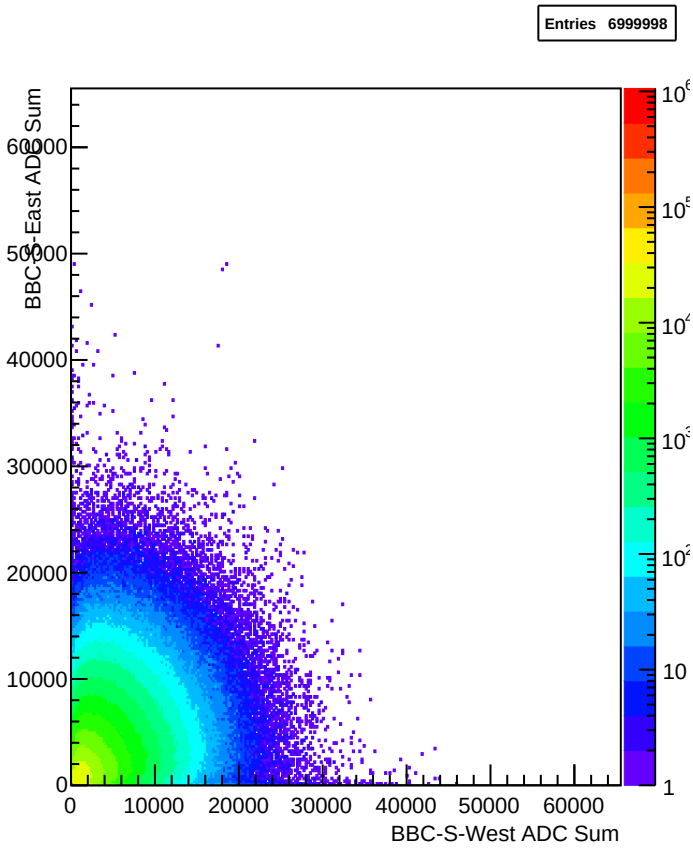

Entries 6999998
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

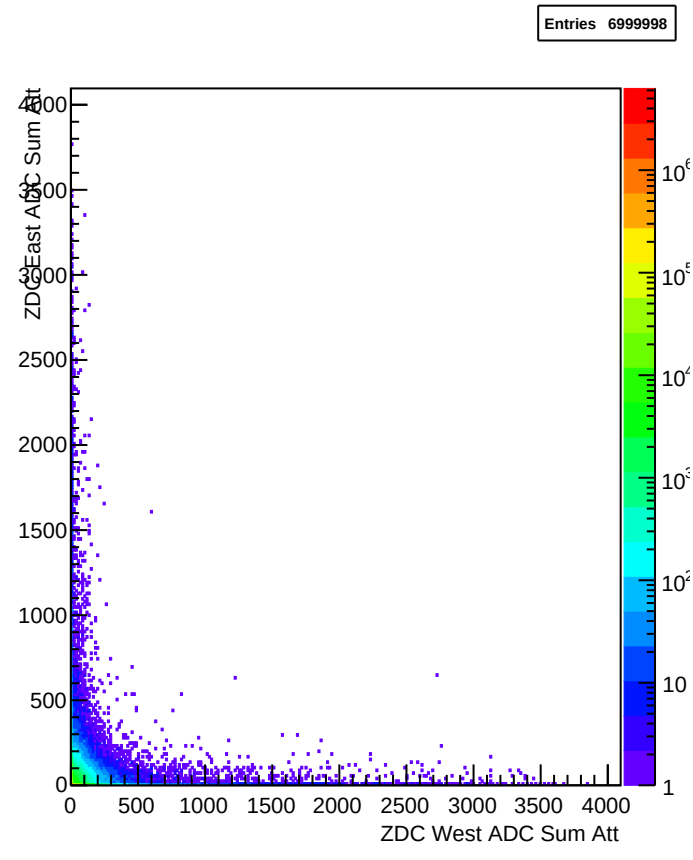

Entries 6999998
BBC-S-East ADC Sum
VPD-East ADC Sum

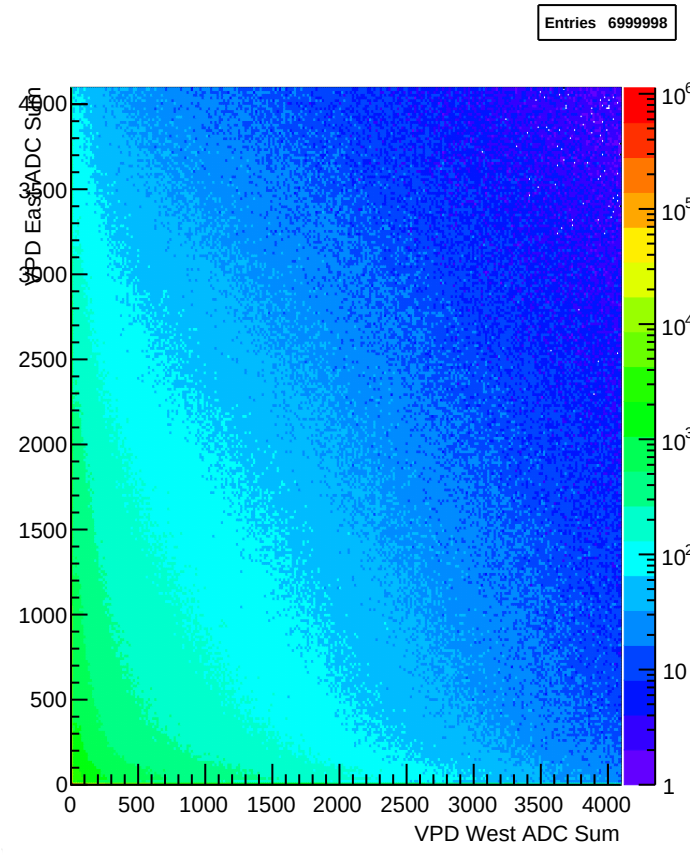

Entries 6999998
BBC-S-West ADC Sum
VPD-West ADC Sum

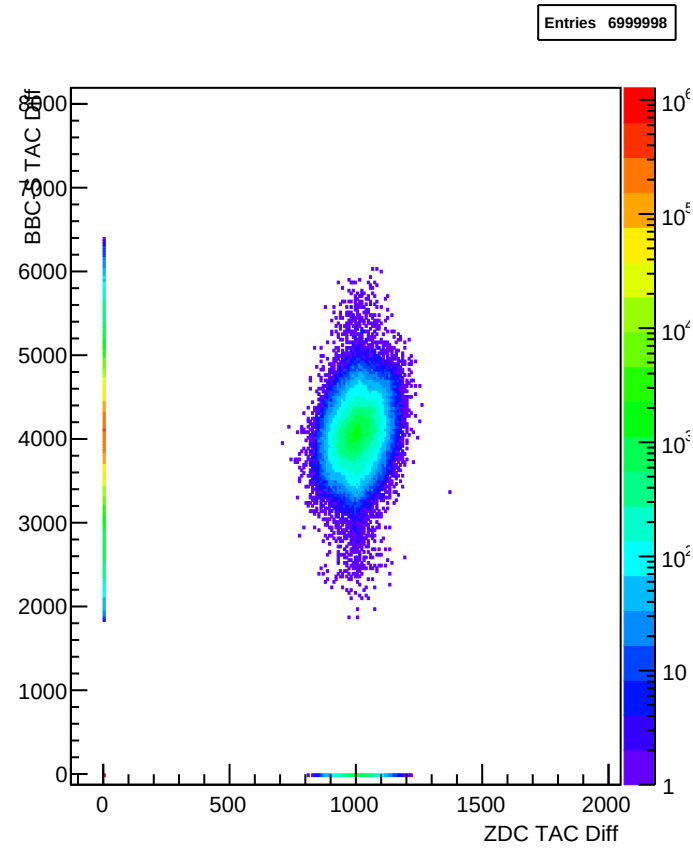

Entries 6999998
VPD-East ADC Sum
ZDC-East ADC Sum Att

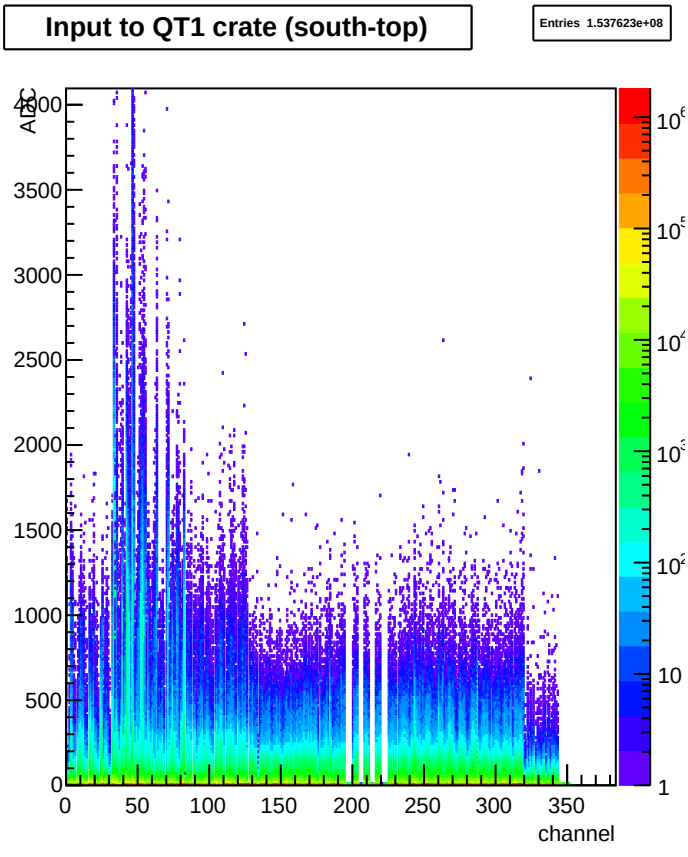

Entries 6999998
VPD-West ADC Sum
ZDC-West ADC Sum Att

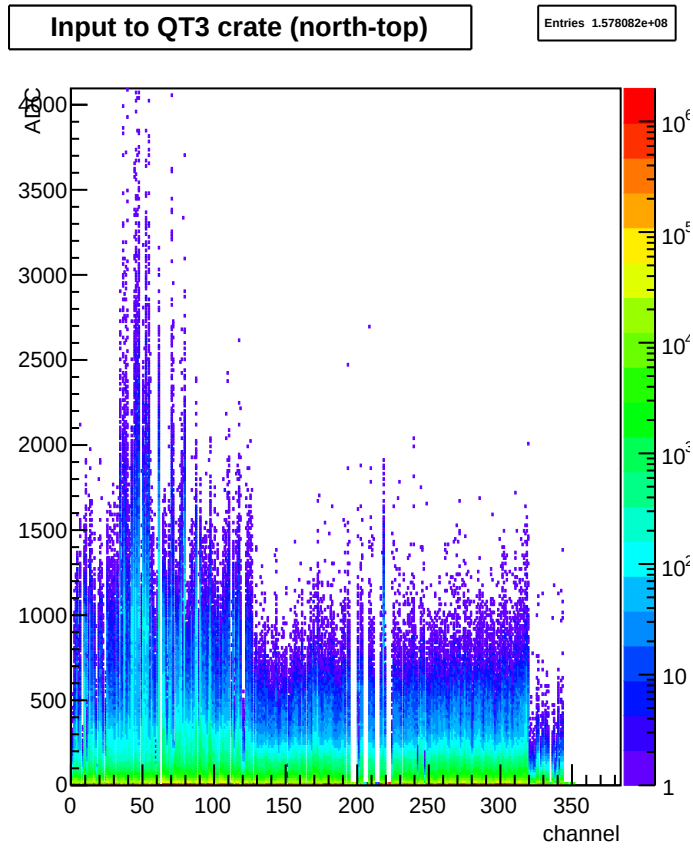

Entries 6999998
BBC-S-East ADC Sum
BBC-S-West ADC Sum

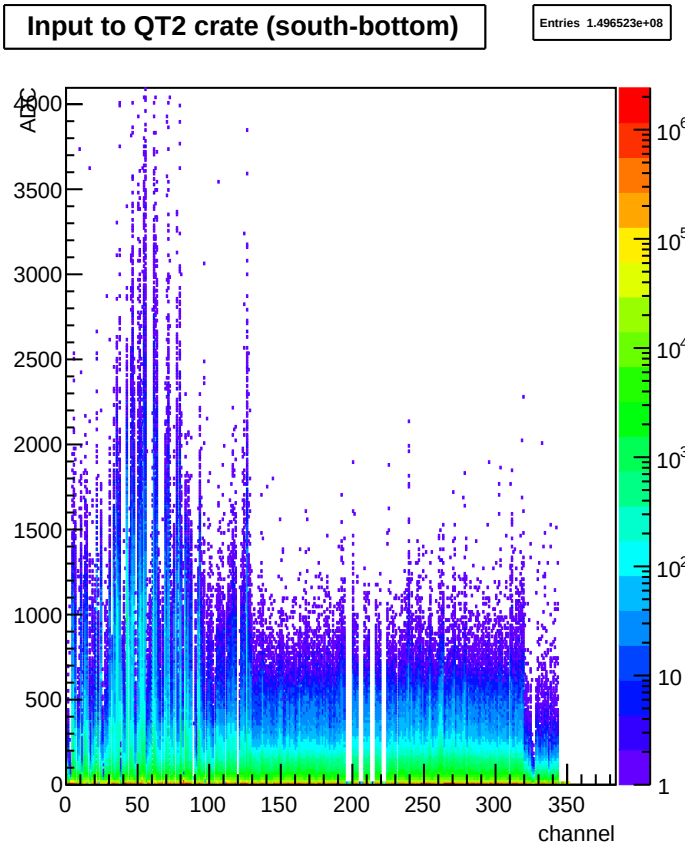

Entries 6999998
ZDC East ADC Sum Att
ZDC West ADC Sum Att

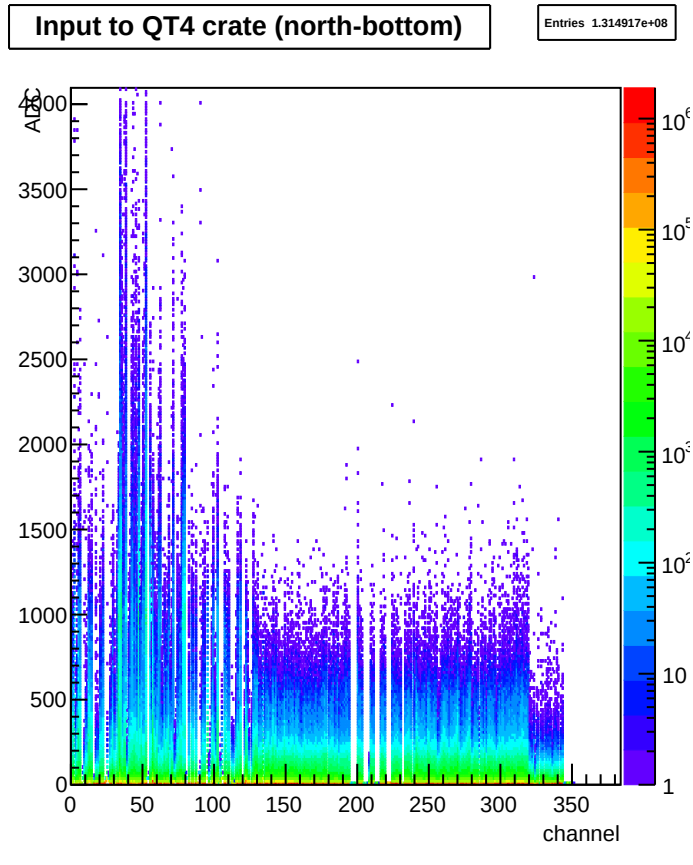

Entries 6999998
VPD East ADC Sum
VPD West ADC Sum

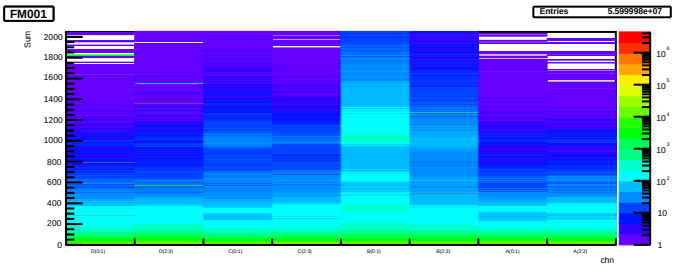

Entries 6999998
BBC-S TAC Diff
ZDC TAC Diff

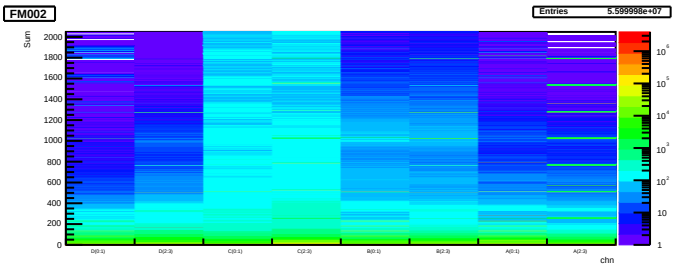

Input to QT1 crate (south-top)
Entries 1.537623e+08
ADC
channel


Input to QT3 crate (north-top)
Entries 1.578082e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 1.496523e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.314917e+08
ADC
channel


FM001
Entries 5.599998e+07
Sum
chn


FM002
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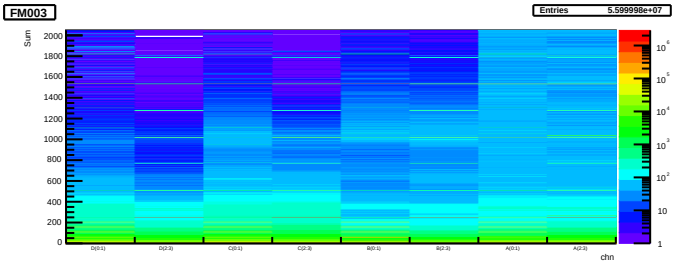
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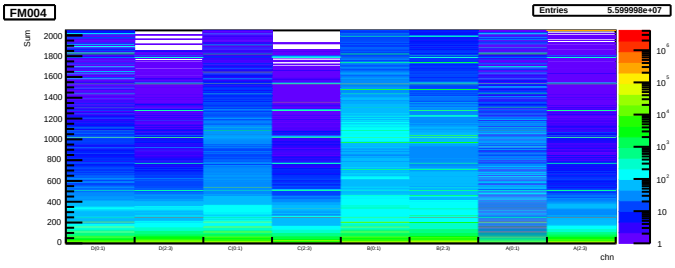
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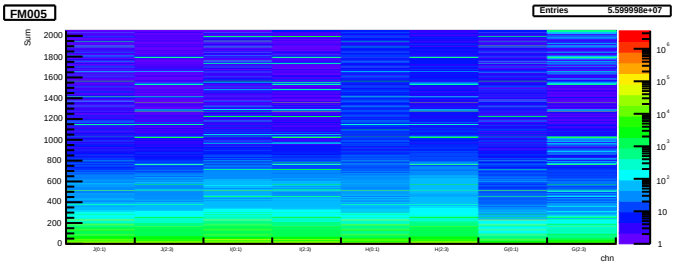
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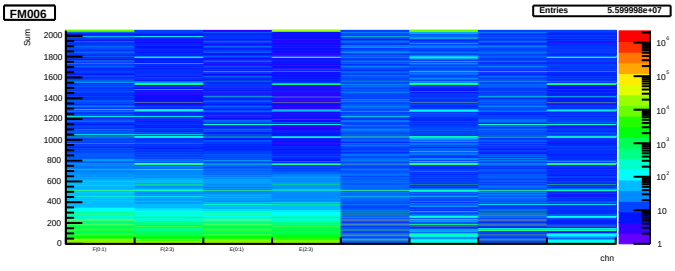
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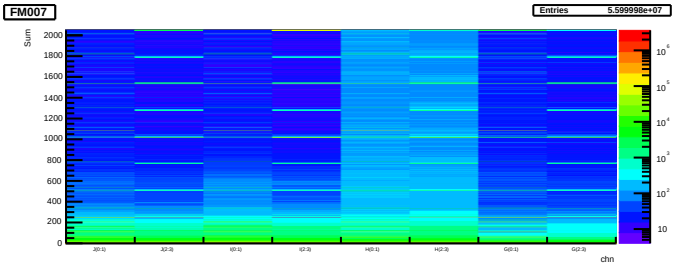
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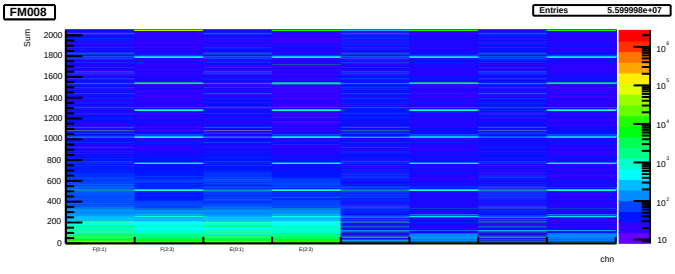
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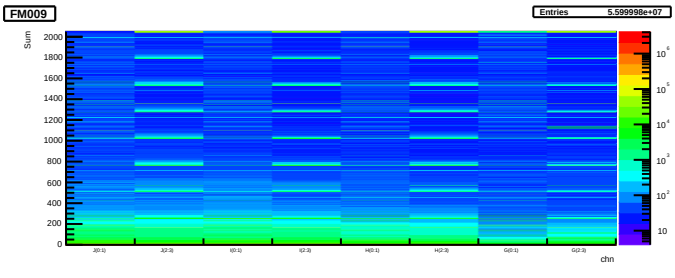
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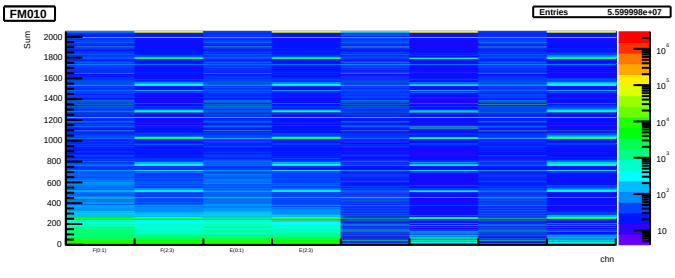
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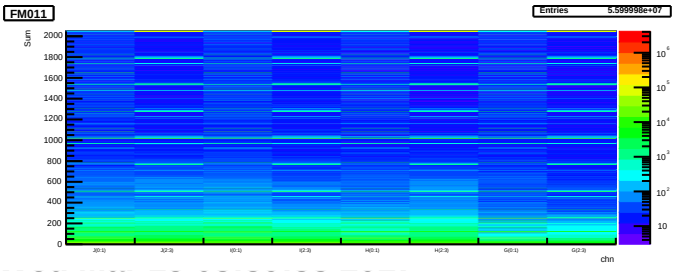
FM011
Entries 5.599998e+07
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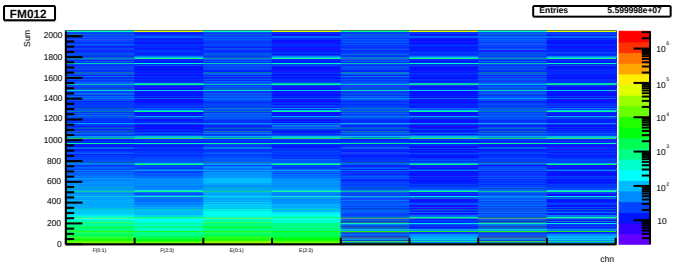
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Entries 5.599998e+07
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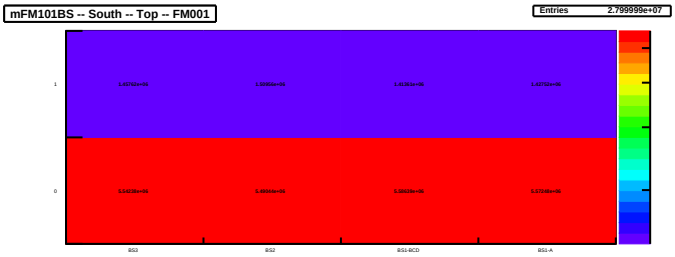
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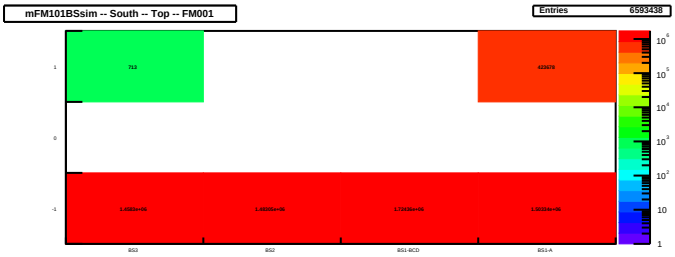
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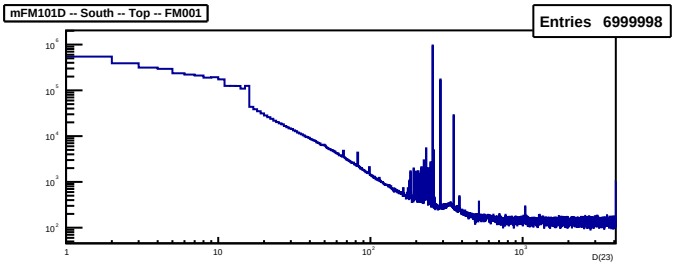
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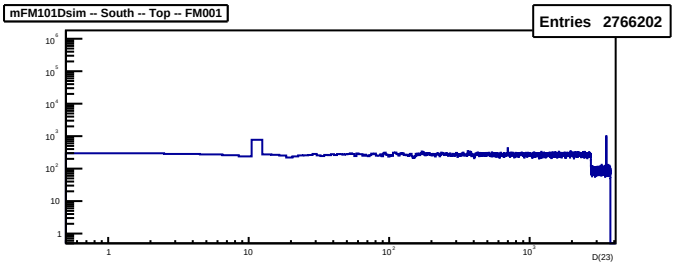
D(23)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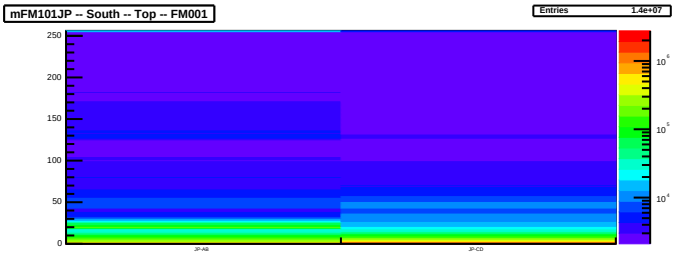
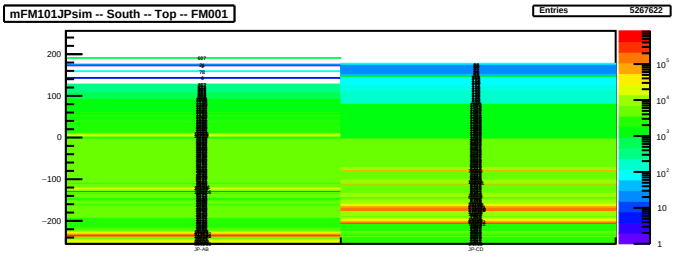

mFM101JP -- South -- Top -- FM001
Entries 1.4e+07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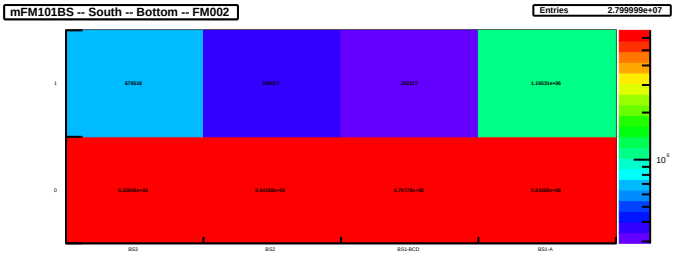
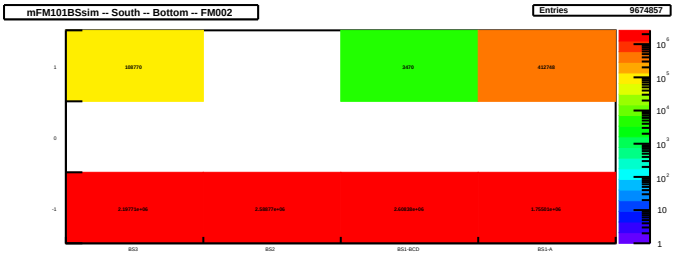

mFM101BS -- South -- Bottom -- FM002
Entries 2.799999e+07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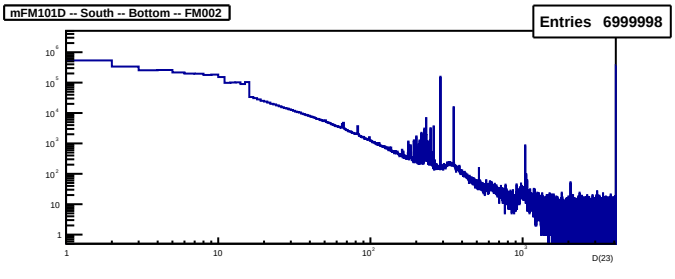
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Entries 6999998
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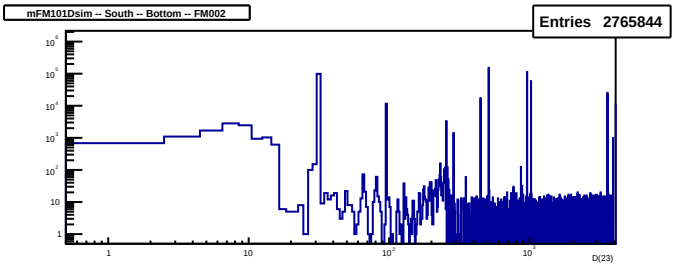
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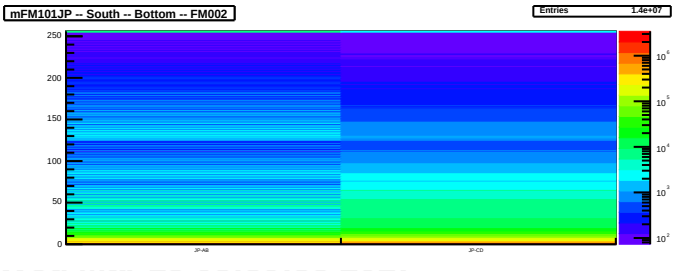
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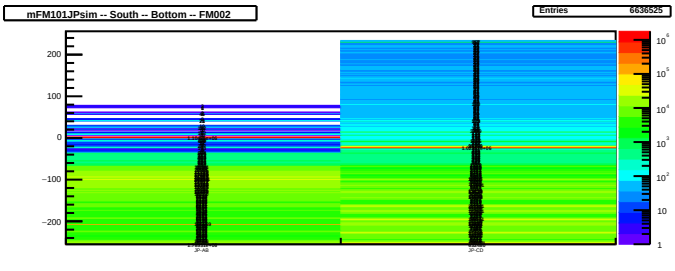
Entries 1.4e+07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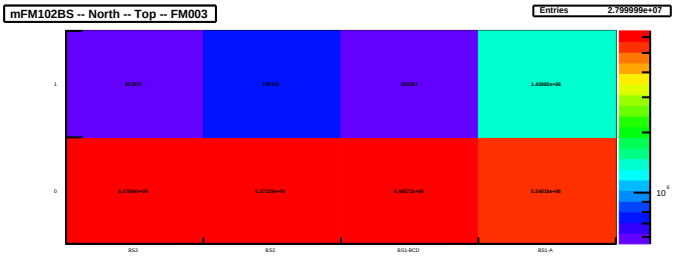
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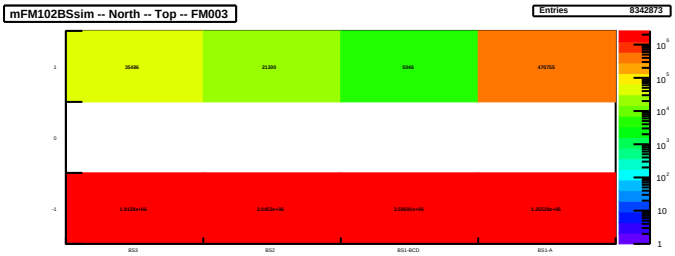
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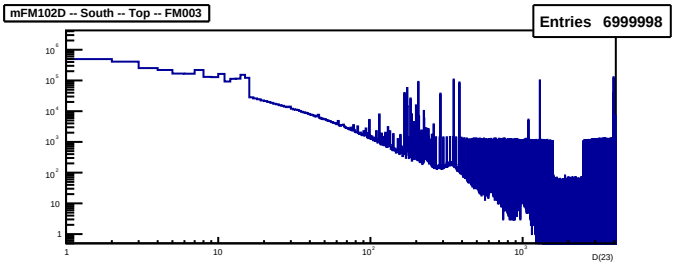
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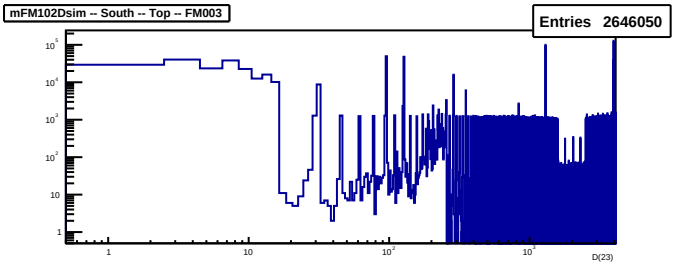
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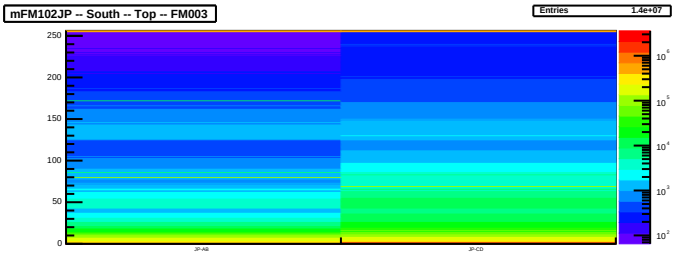
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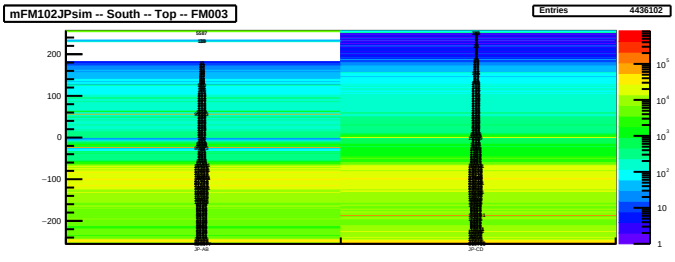
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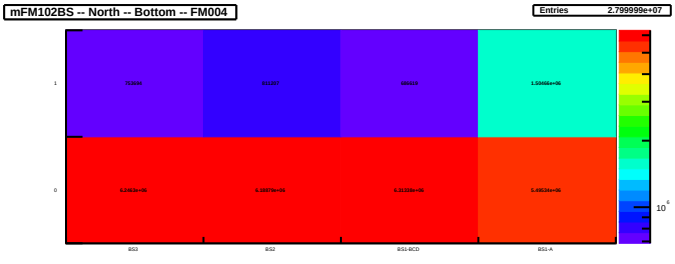
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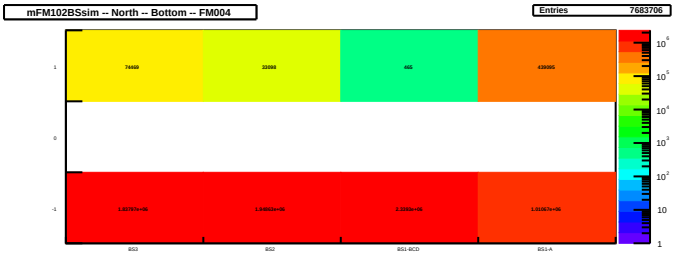
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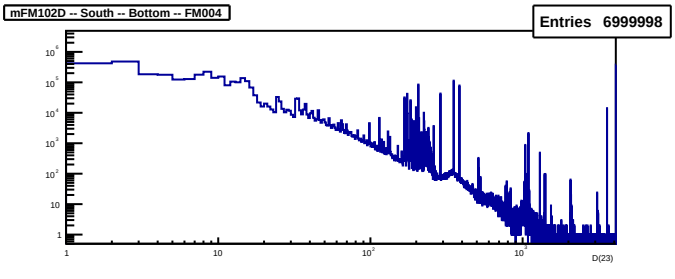
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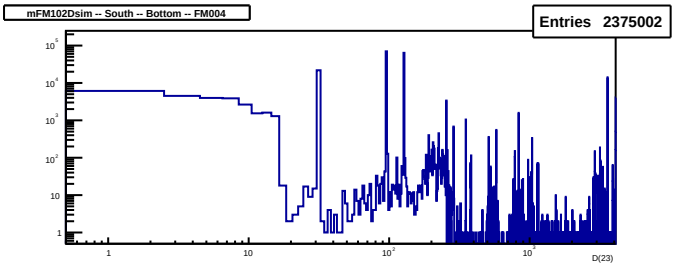
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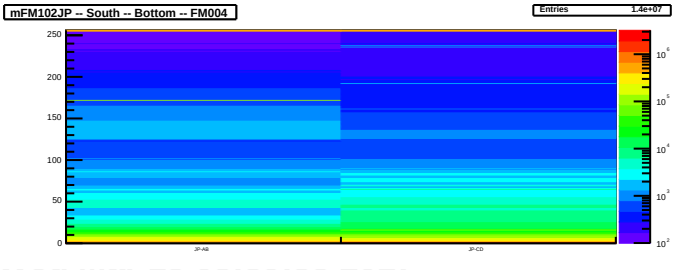
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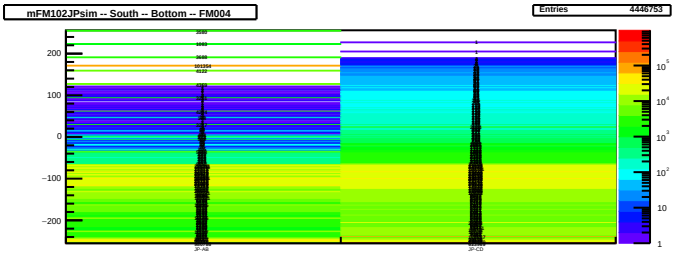
Entries 1.4e+07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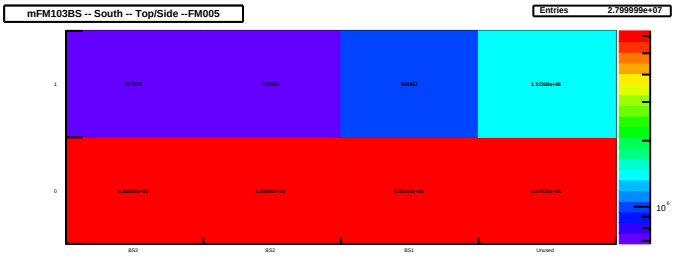
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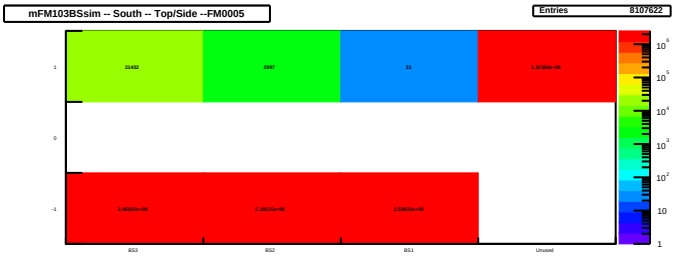
Entries 2.799999e+07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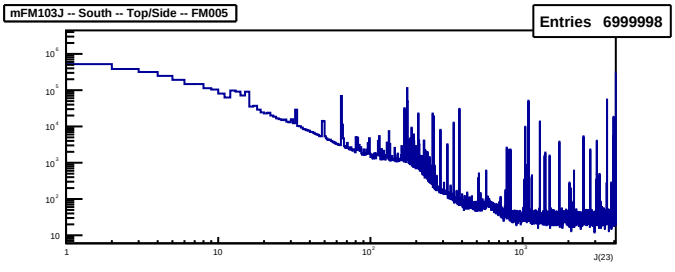
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Entries 6999998
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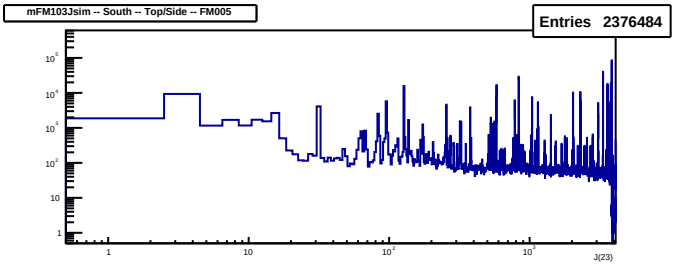
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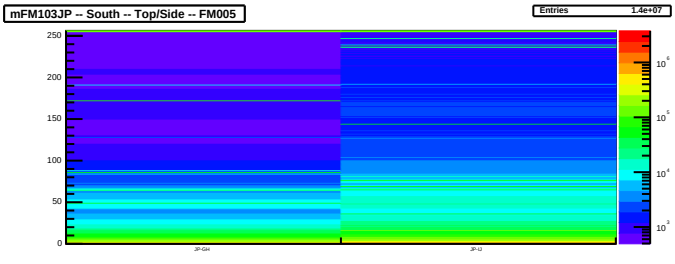
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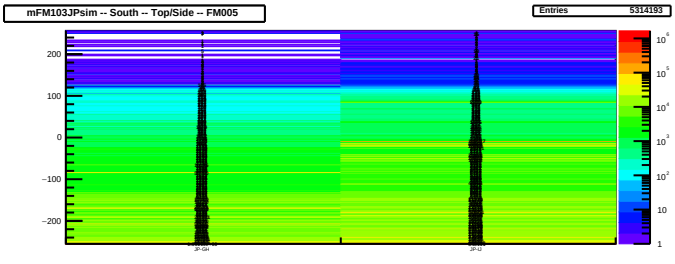
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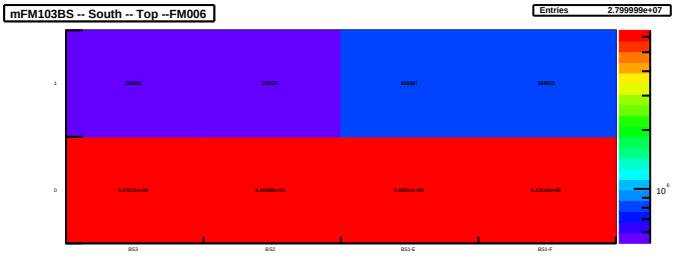
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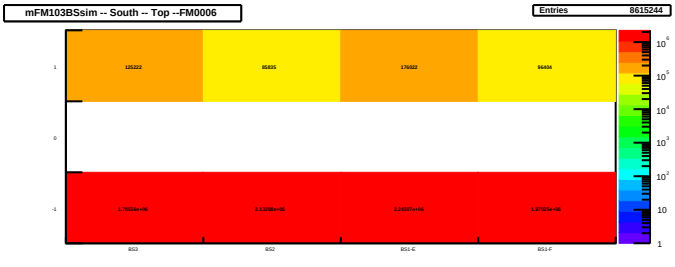
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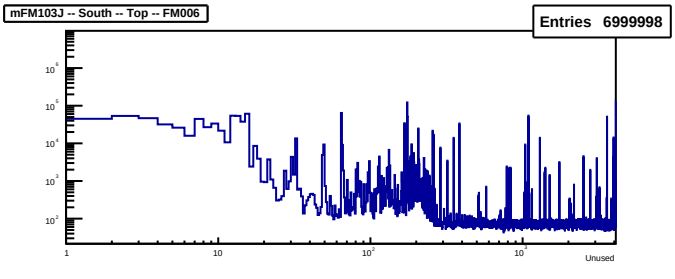
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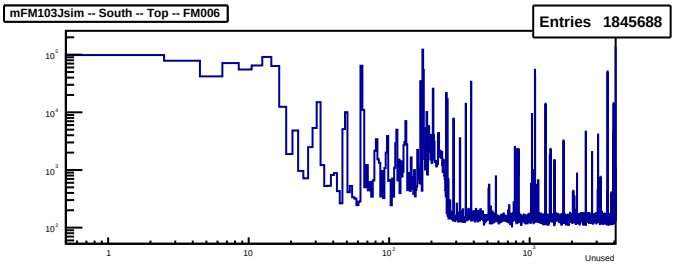
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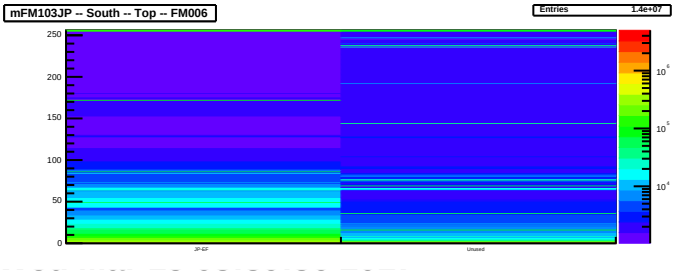
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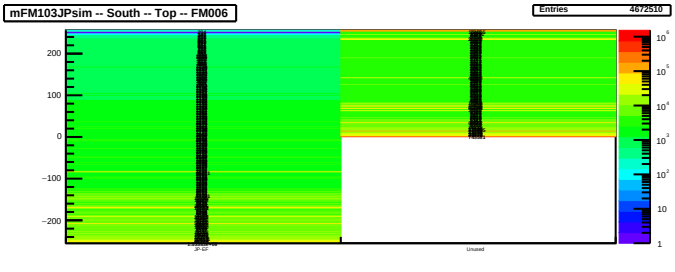
Entries 1.4e+07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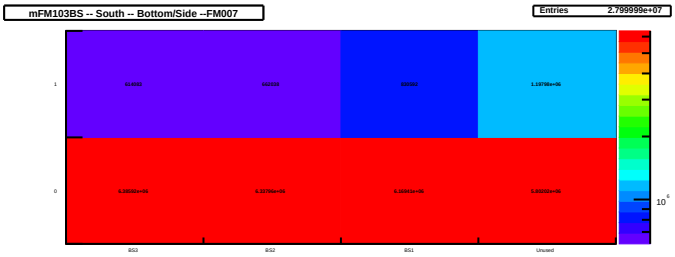
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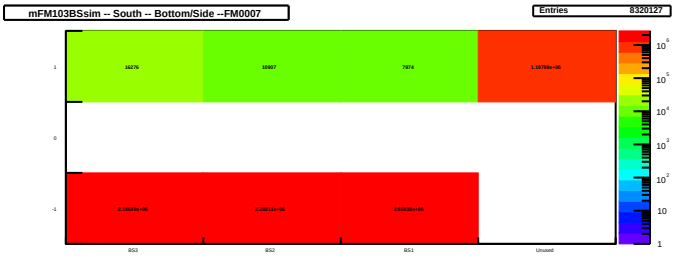
Entries 2.799999e+07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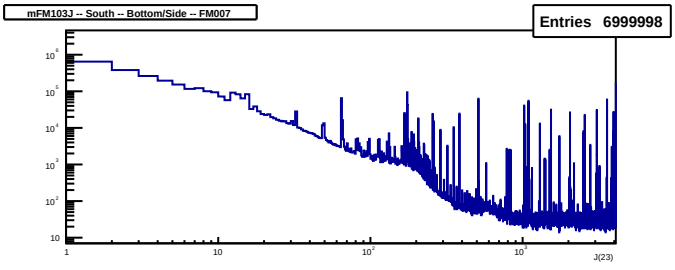
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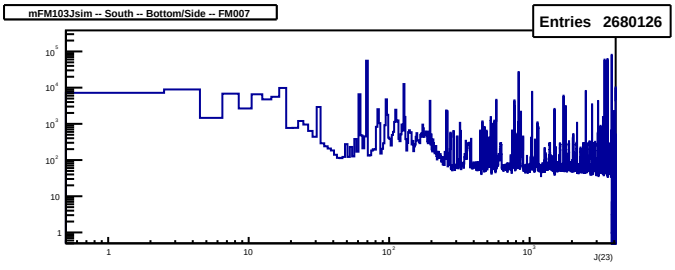
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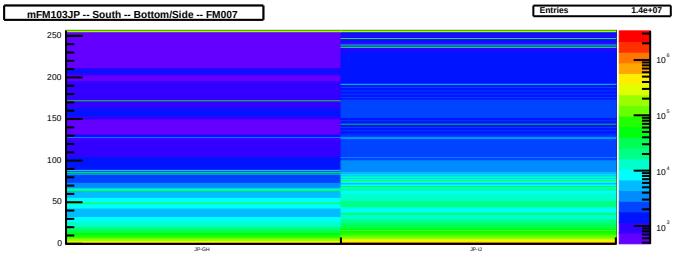
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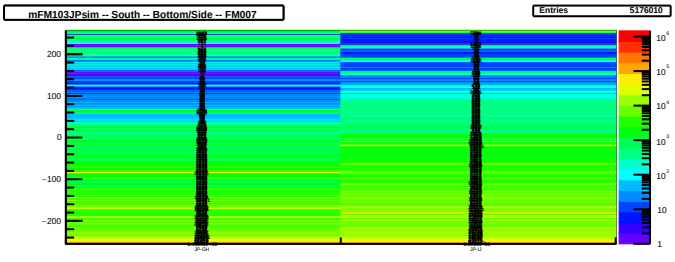
Entries 1.4e+07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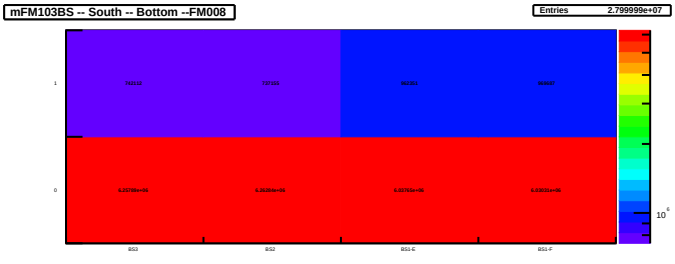
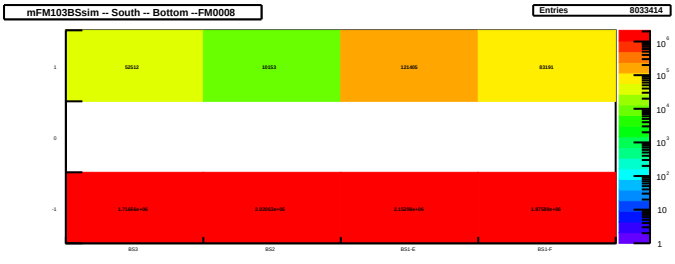
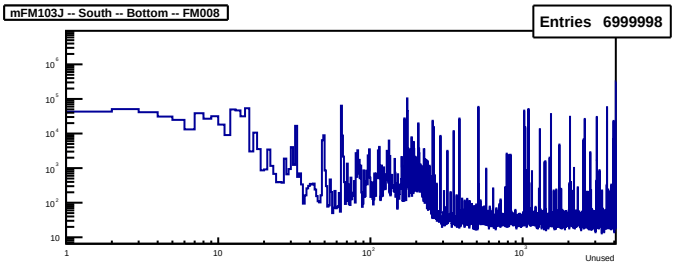
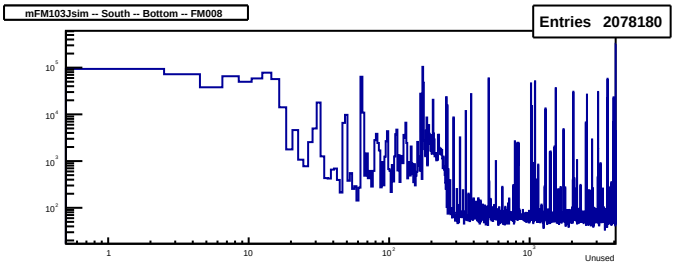
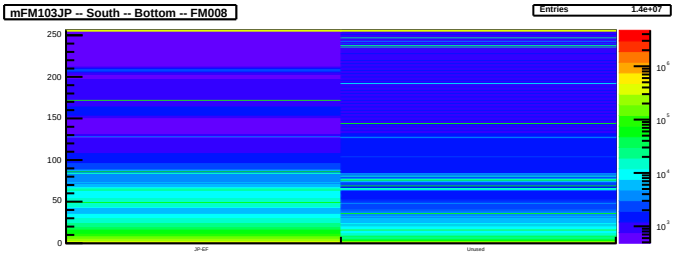
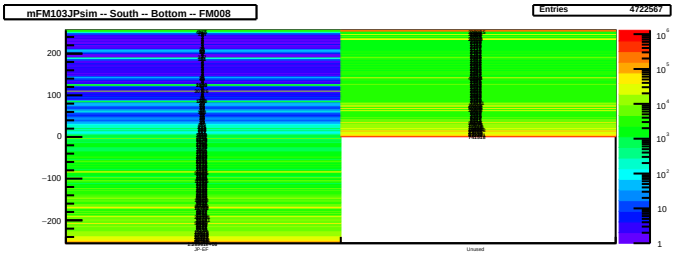

mFM103BS -- South -- Bottom --FM008
Entries 2.799999e+07

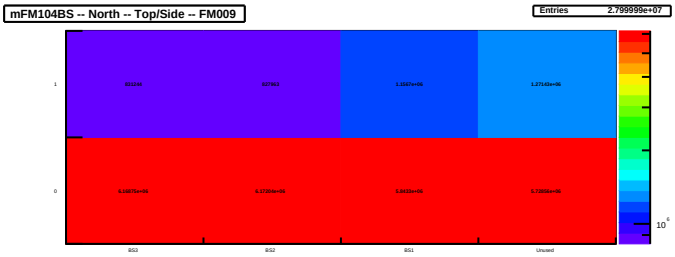

mFM103BSsim -- South -- Bottom --FM0008
Entries 8033414

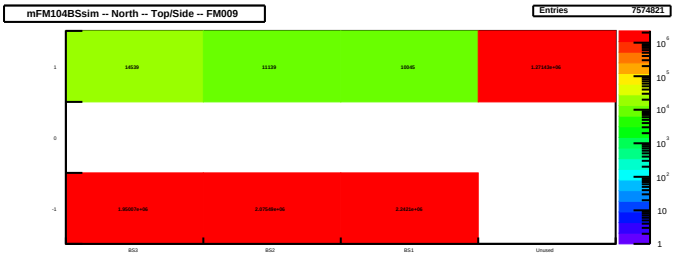

mFM103J -- South -- Bottom -- FM008
Entries 6999998
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 2078180
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 1.4e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 4722567


mFM104BS -- North -- Top/Side -- FM009
Entries 2.799999e+07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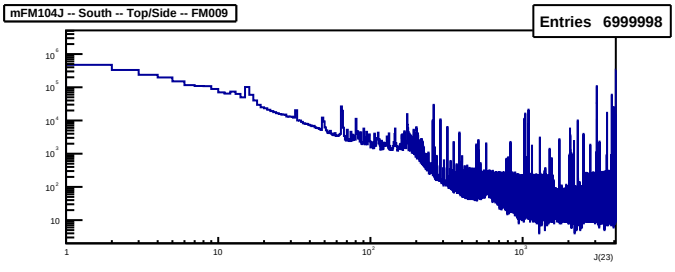
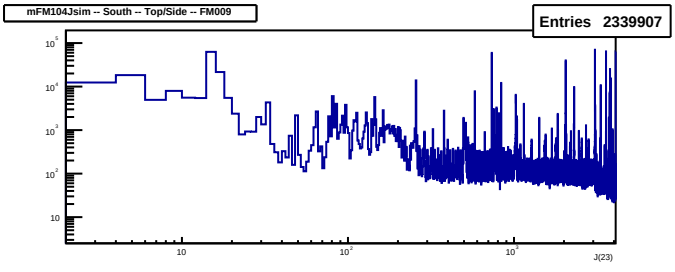
Entries 7574821


mFM104J -- South -- Top/Side -- FM009
Entries 6999998
J(23)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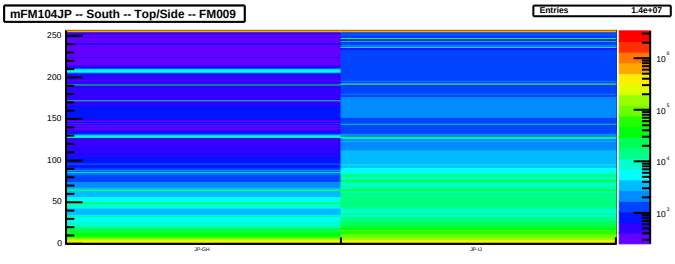
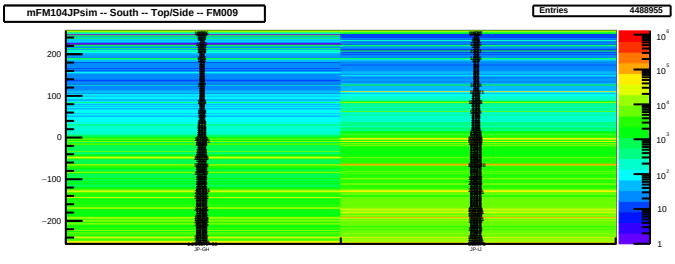
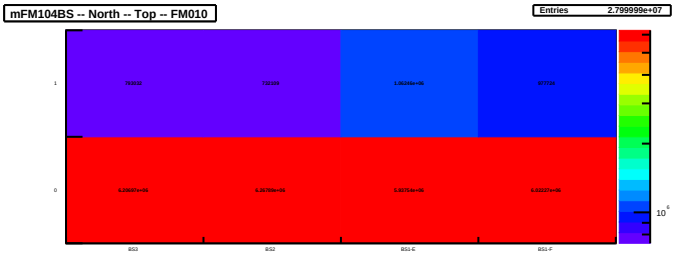
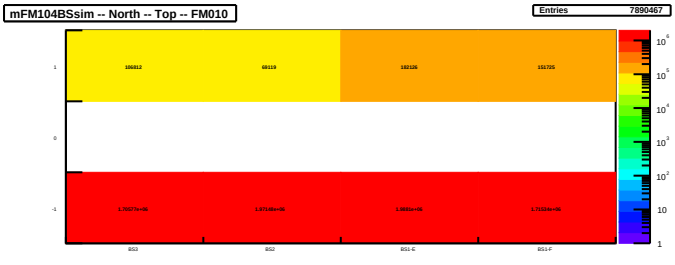
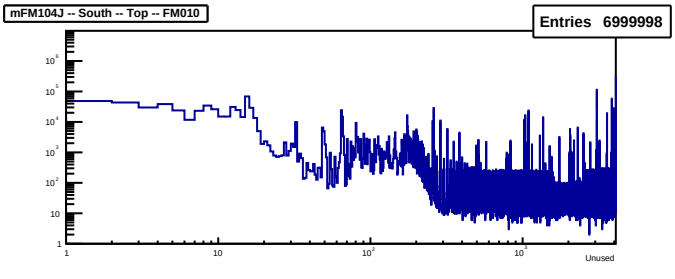
Entries 2339907
J(23)

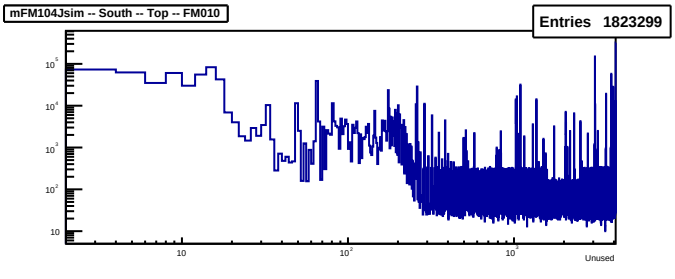

mFM104JP -- South -- Top/Side -- FM009
Entries 1.4e+07

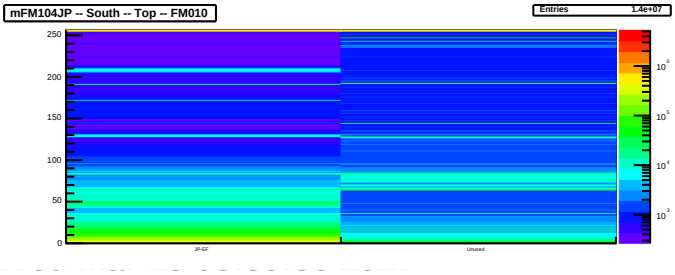

mFM104JPsim -- South -- Top/Side -- FM009
Entries 4488955

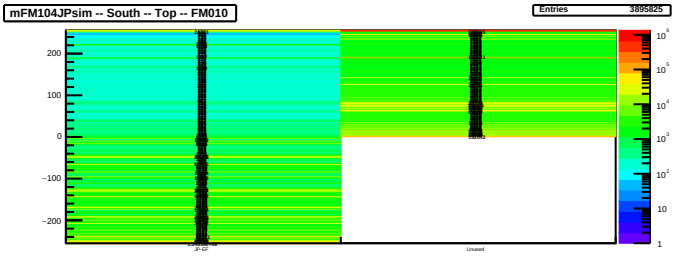

mFM104BS -- North -- Top -- FM010
Entries 2.799999e+07

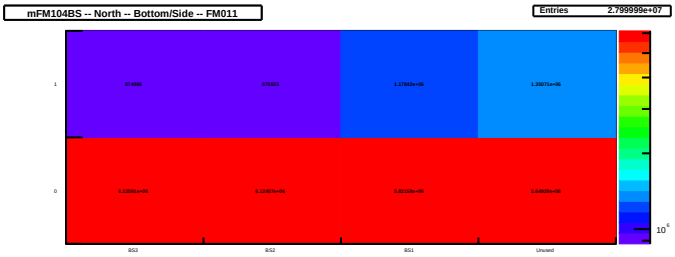

mFM104BSsim -- North -- Top -- FM010
Entries 7890467

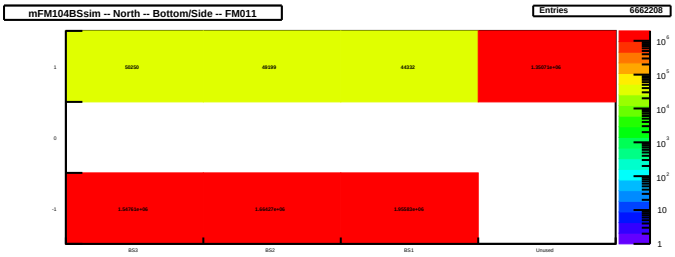

mFM104J -- South -- Top -- FM010
Entries 6999998
Unused

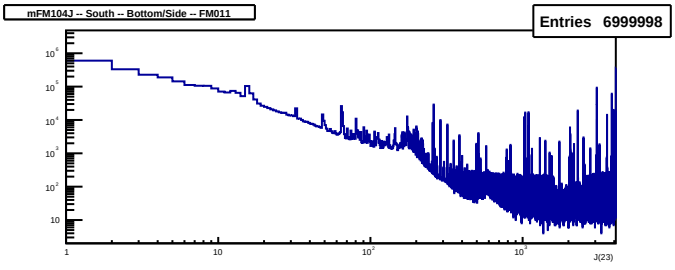

mFM104Jsim -- South -- Top -- FM010
Entries 1823299
Unused

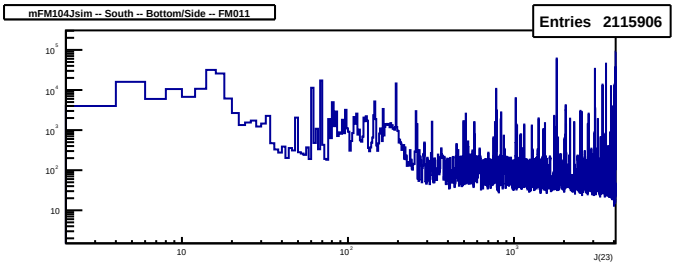

mFM104JP -- South -- Top -- FM010
Entries 1.4e+07

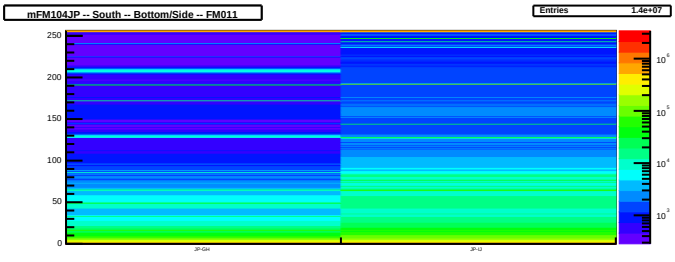

mFM104JPsim -- South -- Top -- FM010
Entries 3895825

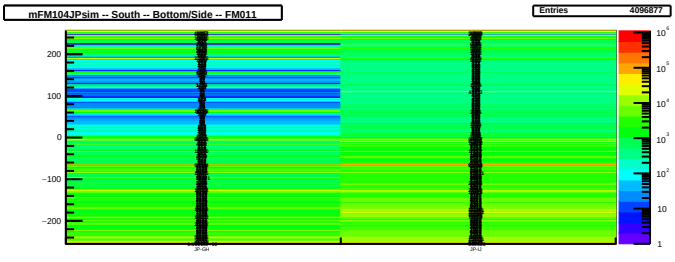

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.799999e+07

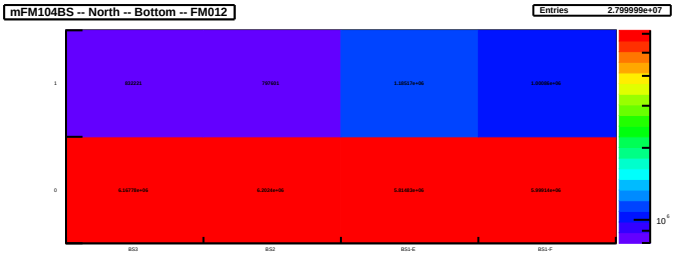

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 6662208

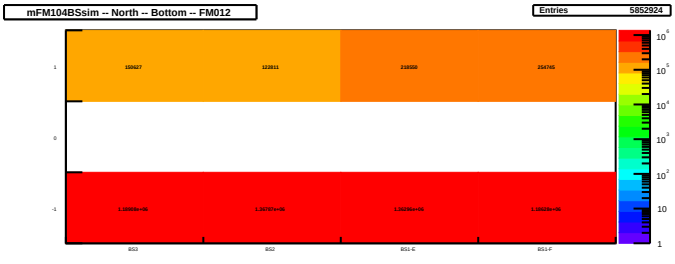

mFM104J -- South -- Bottom/Side -- FM011
Entries 6999998
J(23)

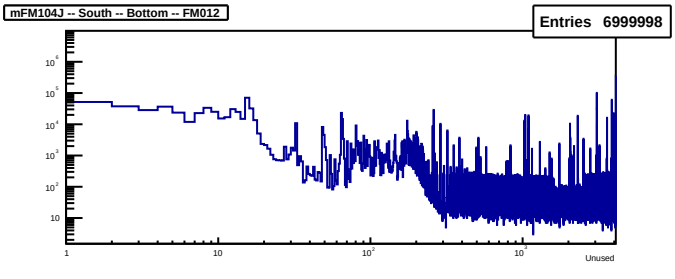

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 2115906
J(23)

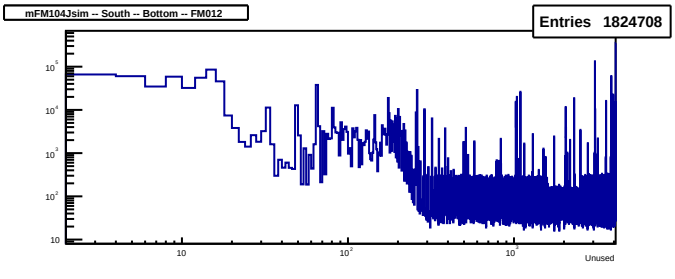

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.4e+07

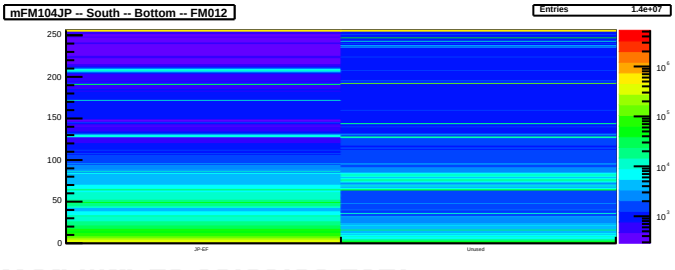

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 4096877

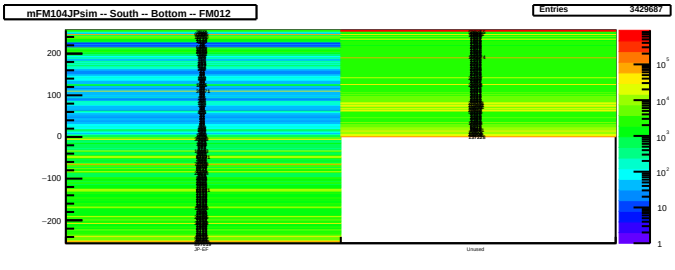

mFM104BS -- North -- Bottom -- FM012
Entries 2.799999e+07

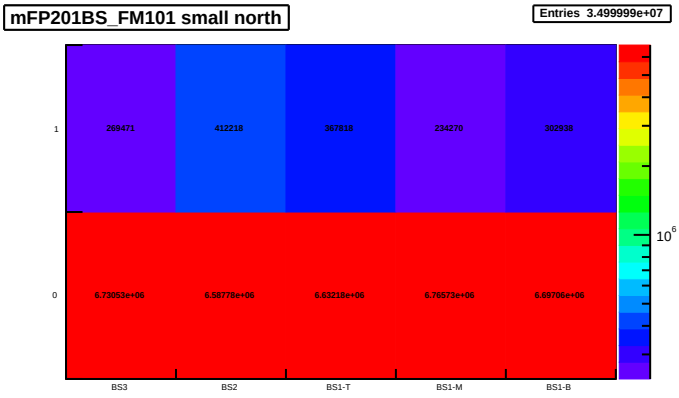

mFM104BSsim -- North -- Bottom -- FM012
Entries 5852924

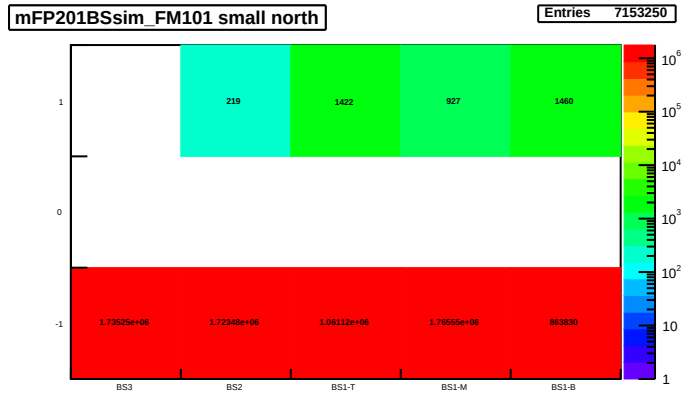

mFM104J -- South -- Bottom -- FM012
Entries 6999998
Unused

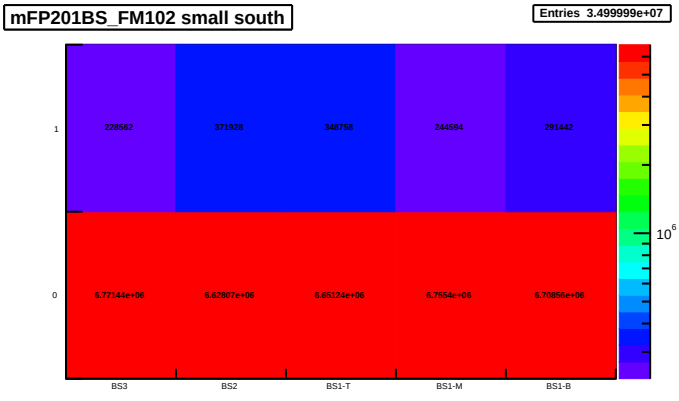

mFM104Jsim -- South -- Bottom -- FM012
Entries 1824708
Unused

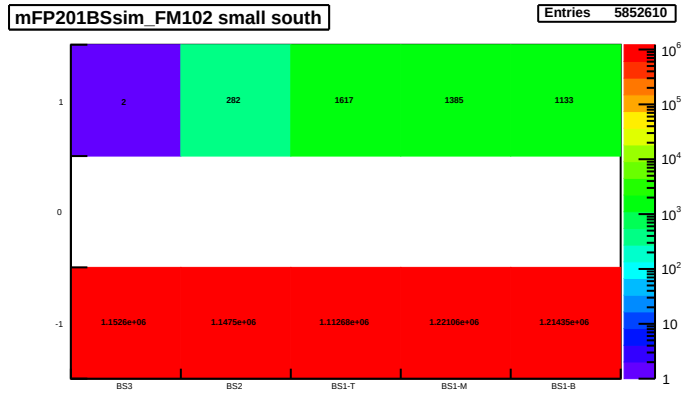

mFM104JP -- South -- Bottom -- FM012
Entries 1.4e+07

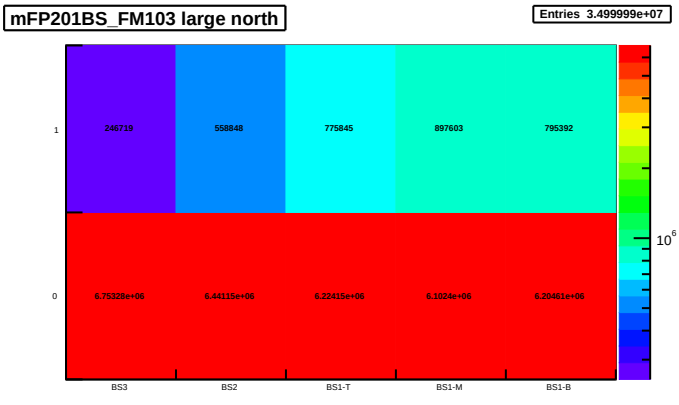

mFM104JPsim -- South -- Bottom -- FM012
Entries 3429687

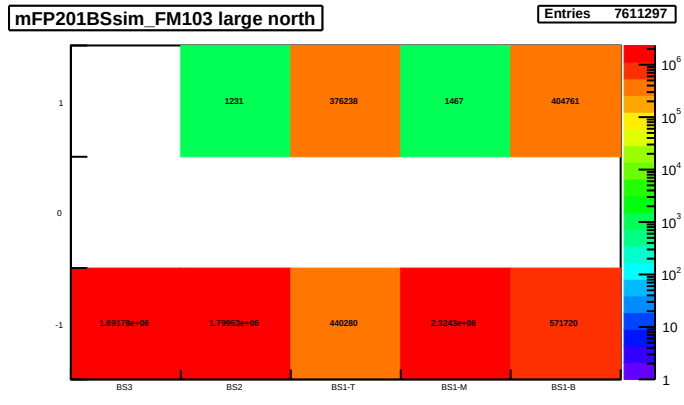

mFP201BS_FM101 small north
Entries 3.499999e+07
1
0
269471
412218
367818
234270
302938
6.73053e+06
6.58778e+06
6.63218e+06
6.76573e+06
6.69706e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

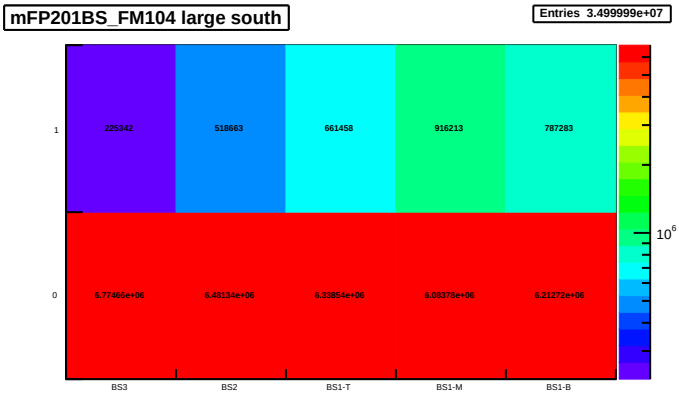

mFP201BSsim_FM101 small north
Entries 7153250
1
0
-1
219
1422
927
1460
1.73525e+06
1.72348e+06
1.06112e+06
1.76555e+06
863830
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

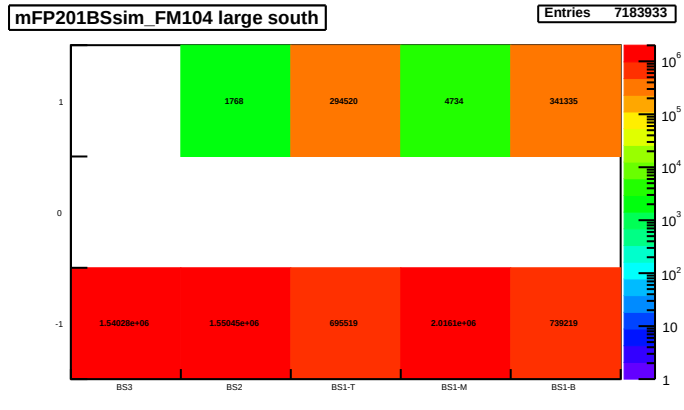

mFP201BS_FM102 small south
Entries 3.499999e+07
1
0
228562
371928
348758
244594
291442
6.77144e+06
6.62807e+06
6.65124e+06
6.7554e+06
6.70856e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

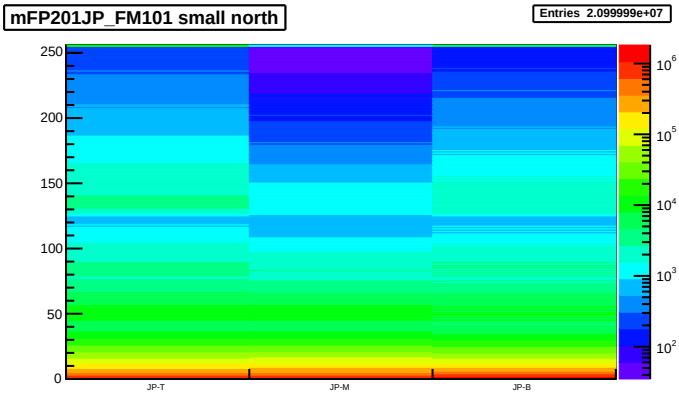

mFP201BSsim_FM102 small south
Entries 5852610
1
0
-1
2
282
1617
1385
1133
1.1526e+06
1.1475e+06
1.11268e+06
1.22106e+06
1.21435e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

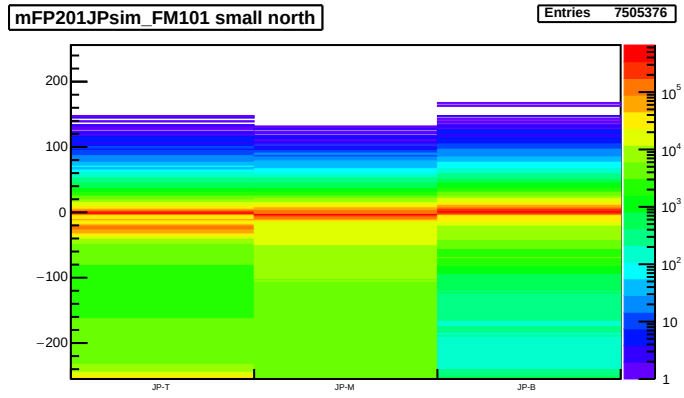

mFP201BS_FM103 large north
Entries 3.499999e+07
1
0
246719
558848
775845
897603
795392
6.75328e+06
6.44115e+06
6.22415e+06
6.1024e+06
6.20461e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

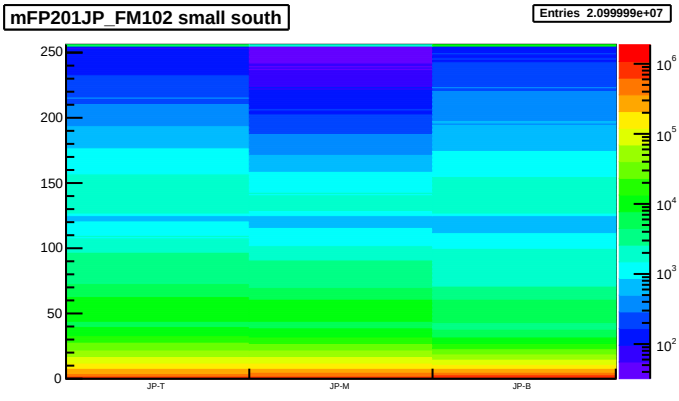

mFP201BSsim_FM103 large north
Entries 7611297
1
0
-1
1231
376238
1467
404761
1.69178e+06
1.79953e+06
440280
2.3243e+06
571720
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

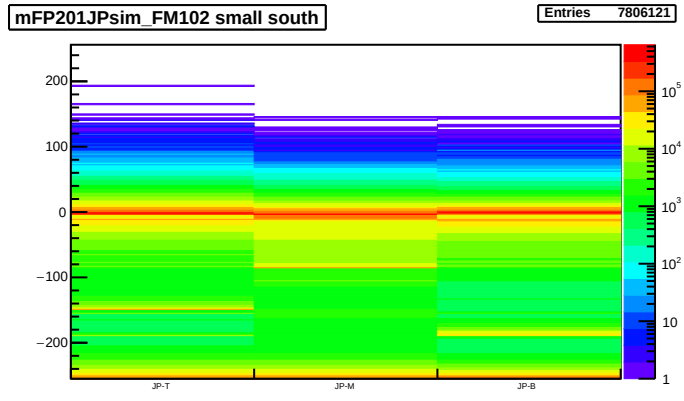

mFP201BS_FM104 large south
Entries 3.499999e+07
1
0
225342
518663
661458
916213
787283
6.77466e+06
6.48134e+06
6.33854e+06
6.08378e+06
6.21272e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

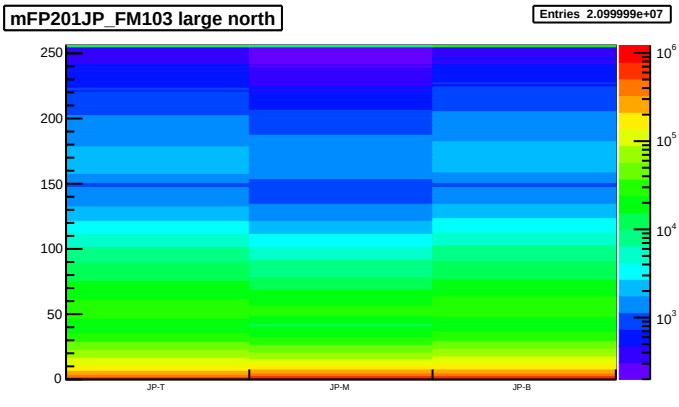

mFP201BSsim_FM104 large south
Entries 7183933
1
0
-1
1768
294520
4734
341335
1.54028e+06
1.55045e+06
695519
2.0161e+06
739219
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

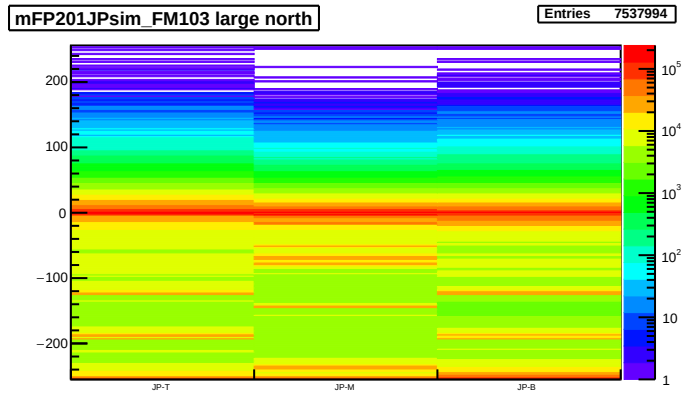

mFP201JP_FM101 small north
Entries 2.099999e+07
JP-T
JP-M
JP-B

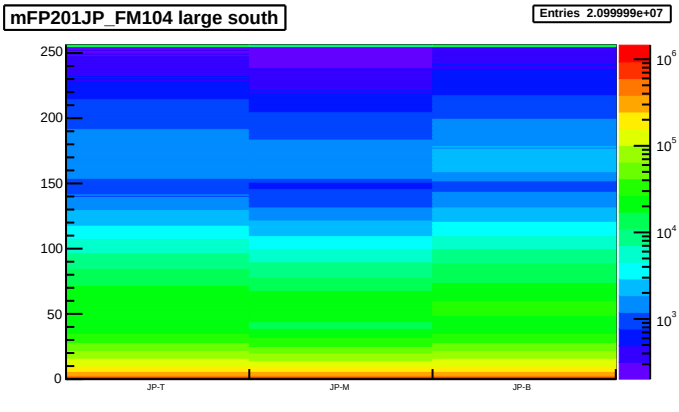

mFP201JPsim_FM101 small north
Entries 7505376
JP-T
JP-M
JP-B

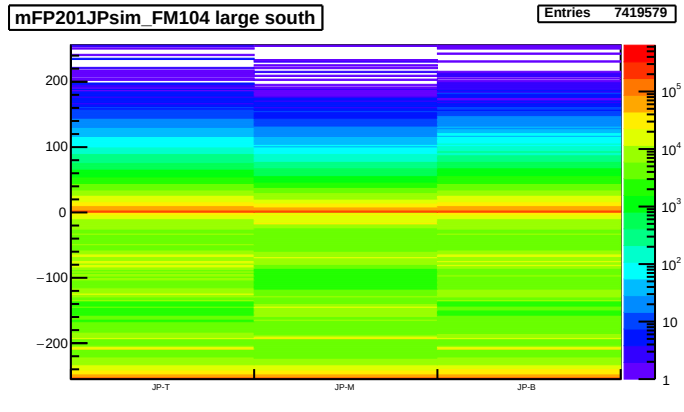

mFP201JP_FM102 small south
Entries 2.099999e+07
JP-T
JP-M
JP-B

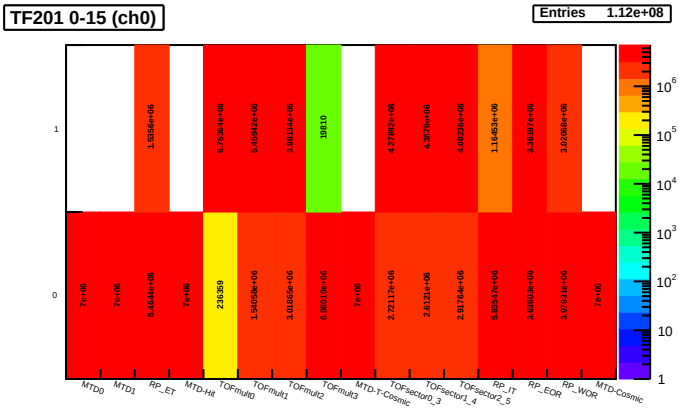

mFP201JPsim_FM102 small south
Entries 7806121
JP-T
JP-M
JP-B

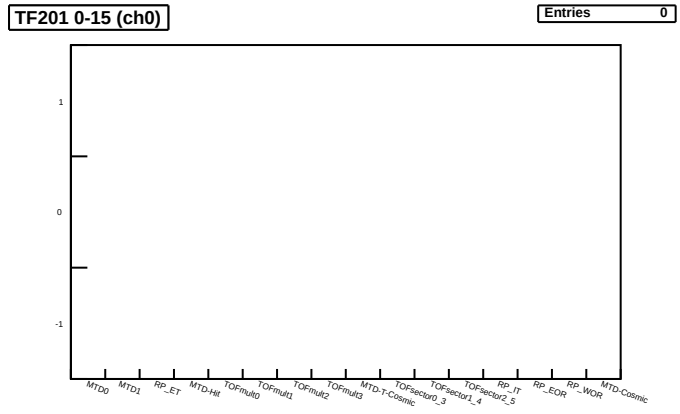

mFP201JP_FM103 large north
Entries 2.099999e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM103 large north
Entries 7537994
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 2.099999e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 7419579
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.12e+08
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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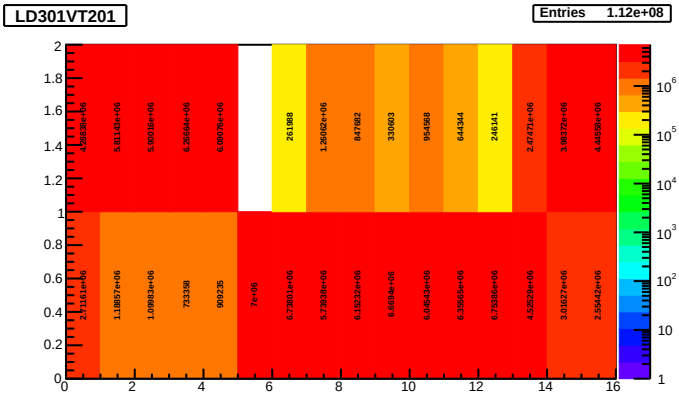
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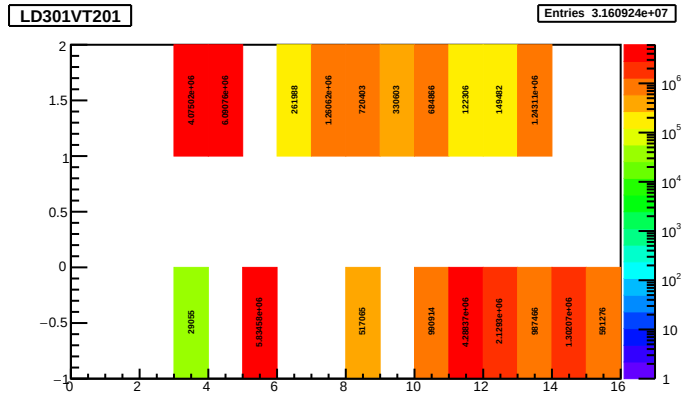
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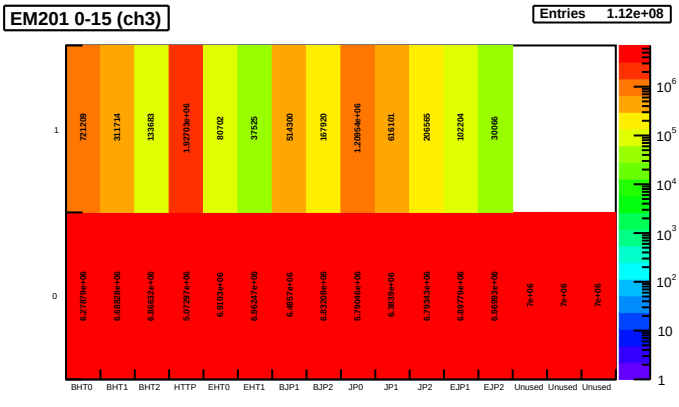
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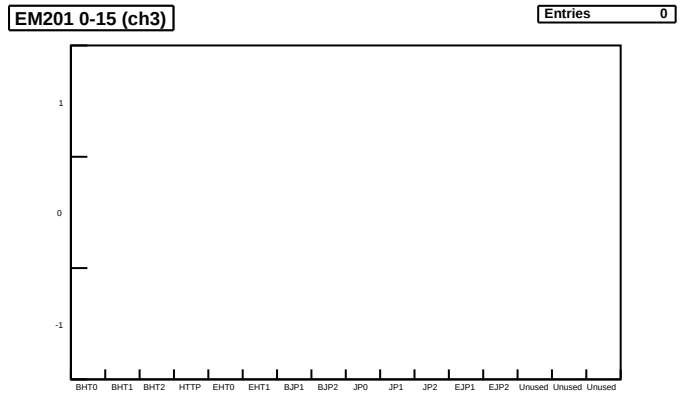
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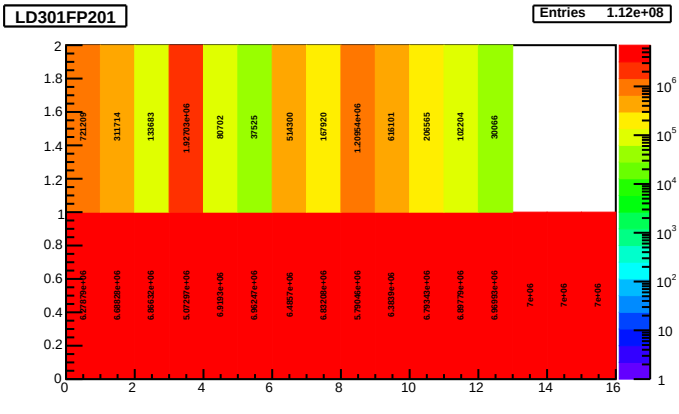
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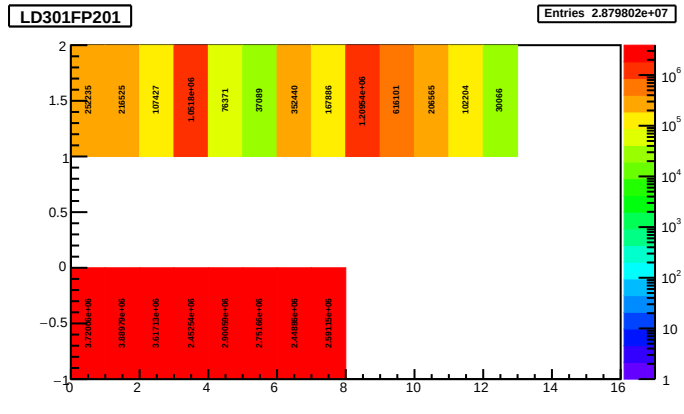
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