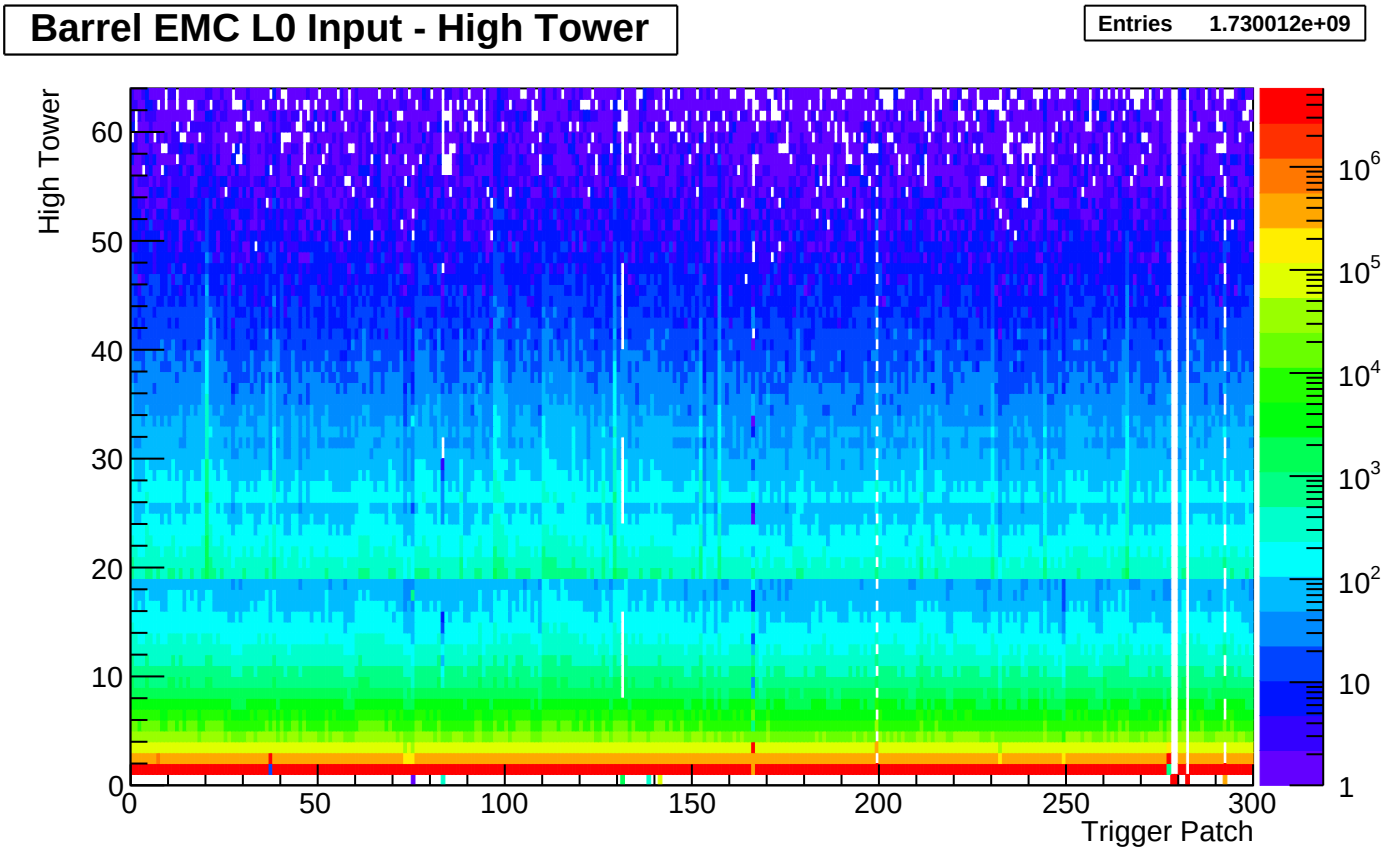
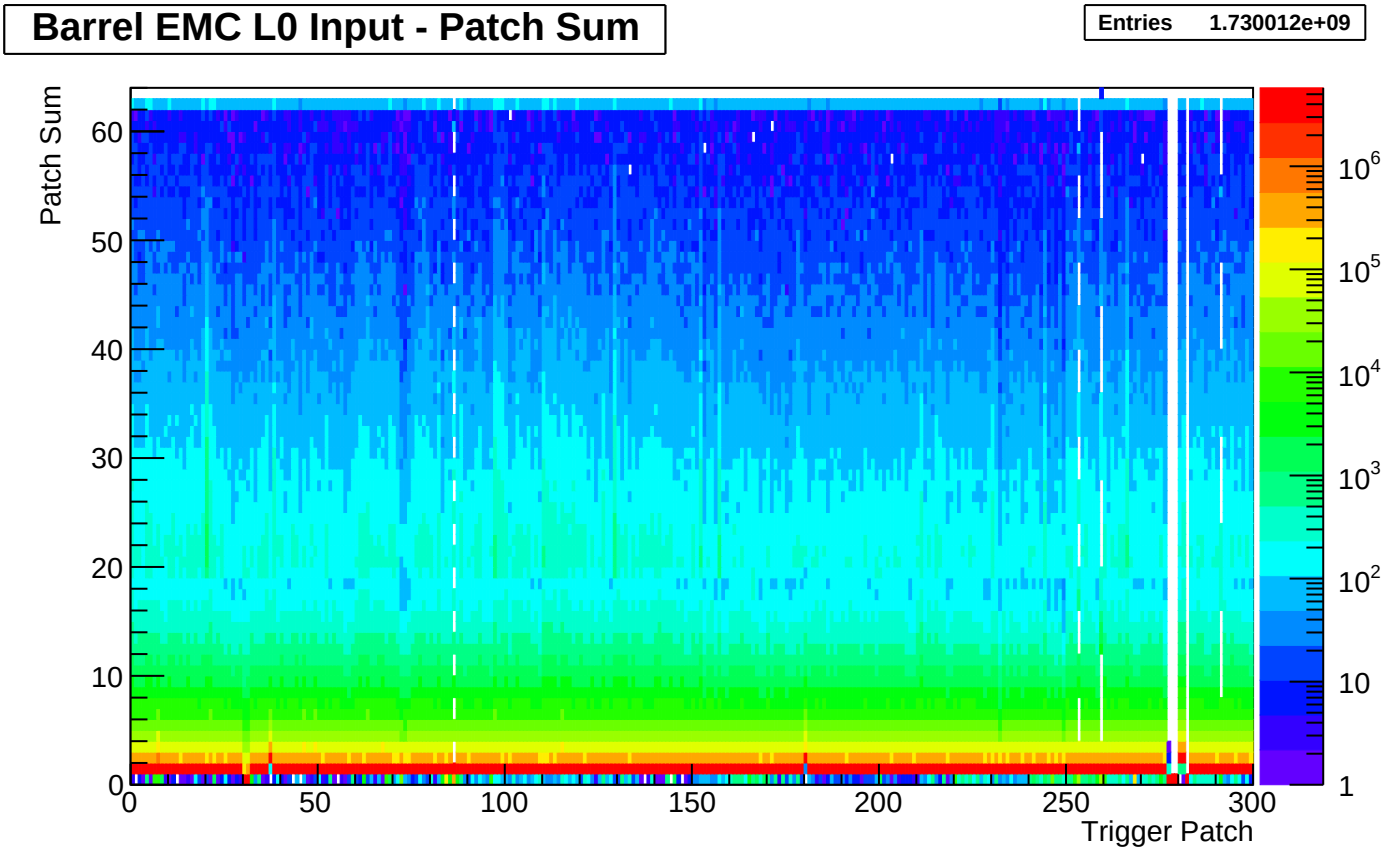
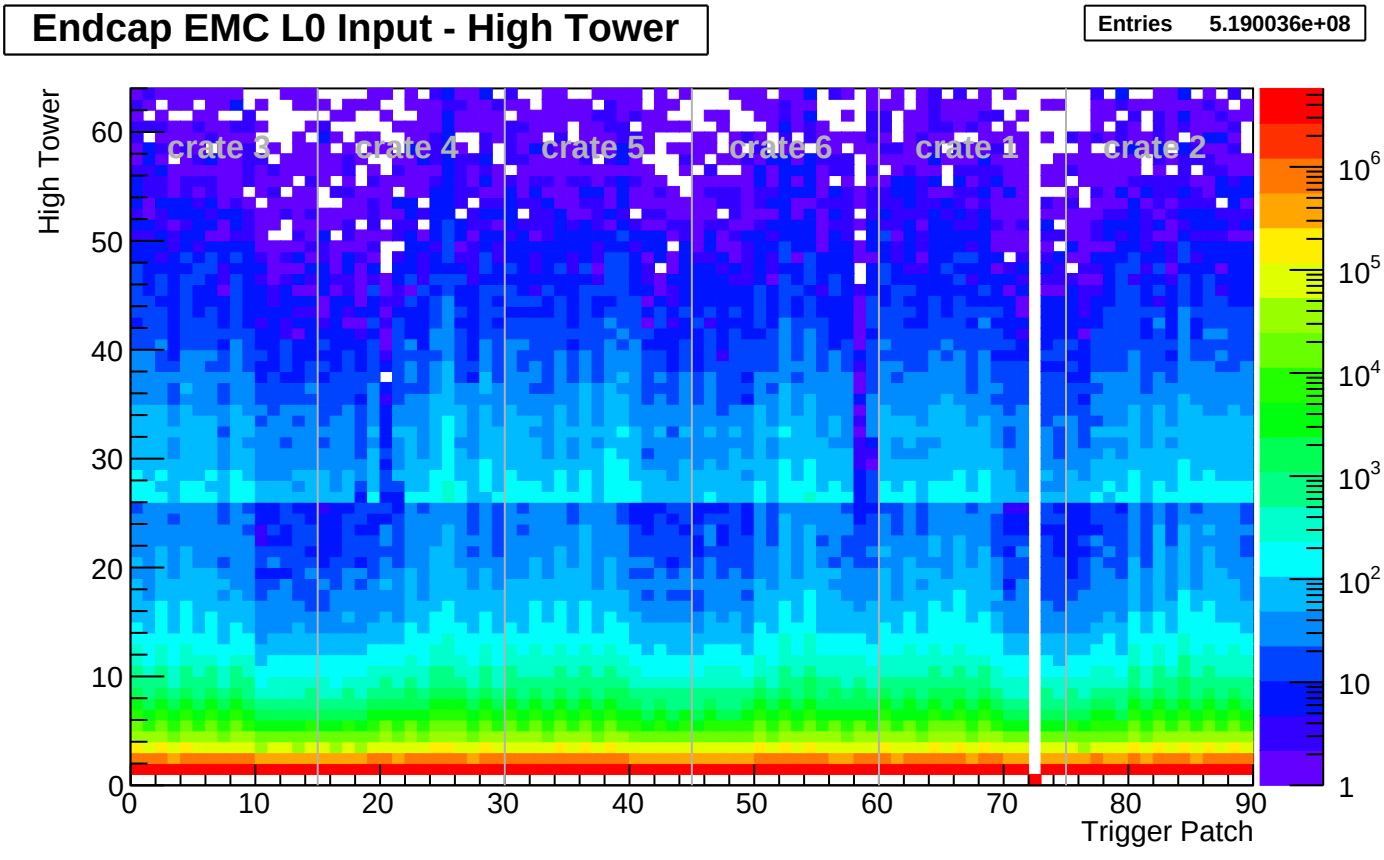
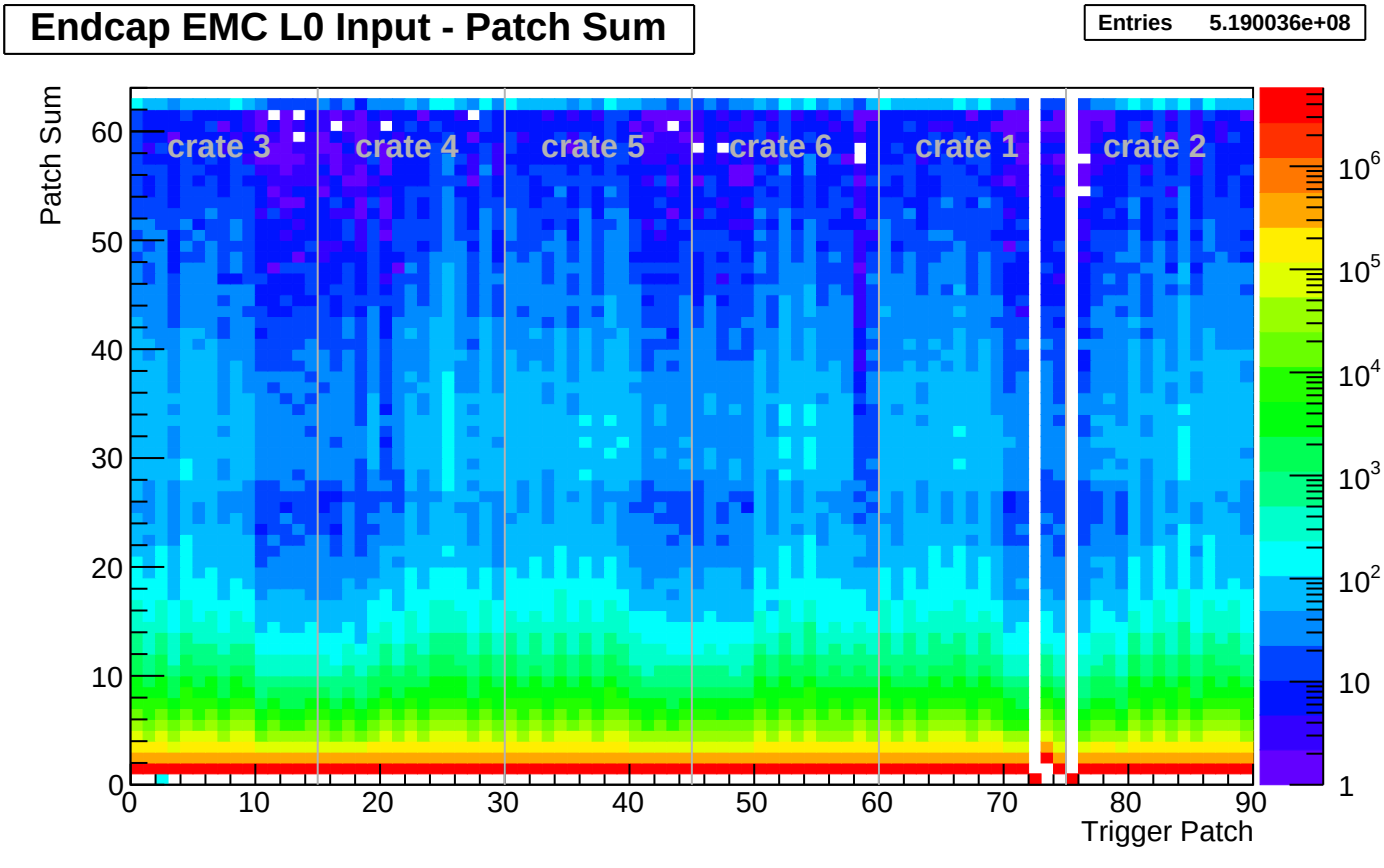
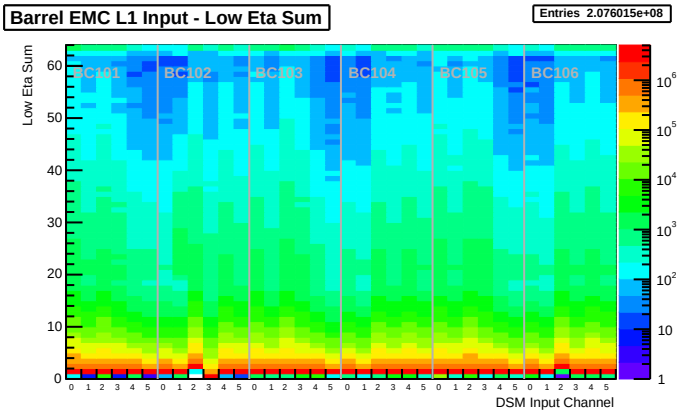
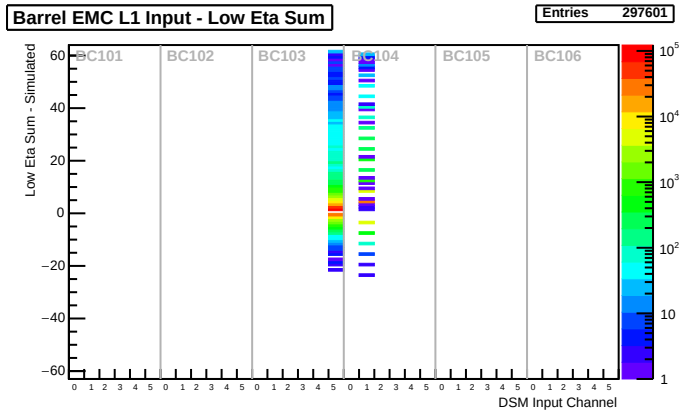

Barrel EMC L0 Input - High Tower
Entries 1.730012e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

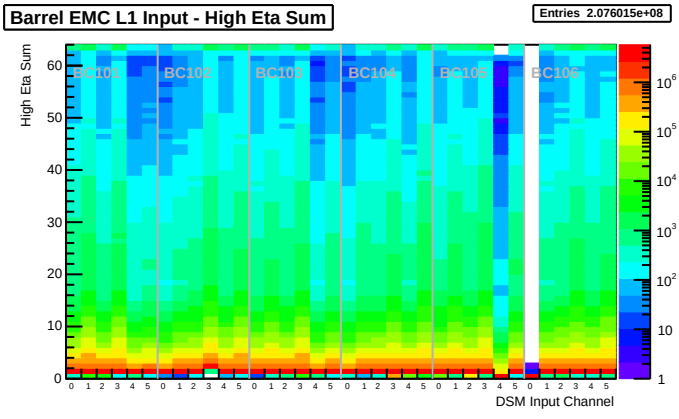

Barrel EMC L0 Input - Patch Sum
Entries 1.730012e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

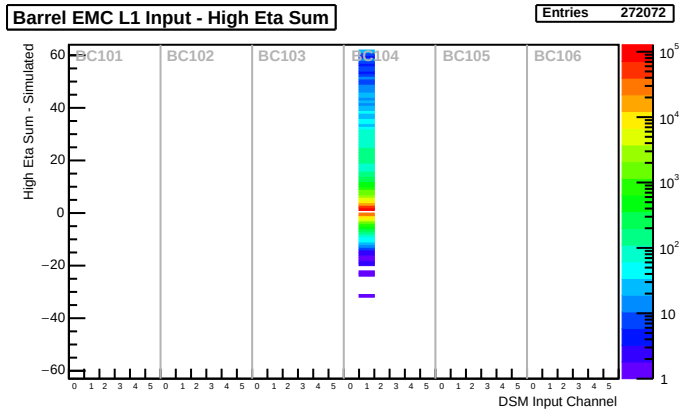

Endcap EMC L0 Input - High Tower
Entries 5.190036e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

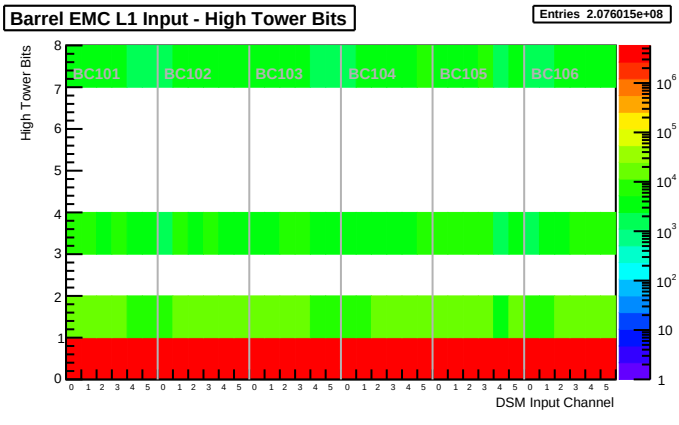

Endcap EMC L0 Input - Patch Sum
Entries 5.190036e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

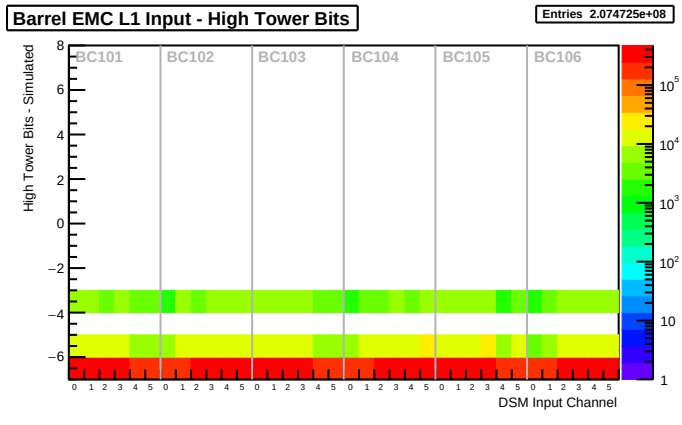

Barrel EMC L1 Input - Low Eta Sum
Entries 2.076015e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

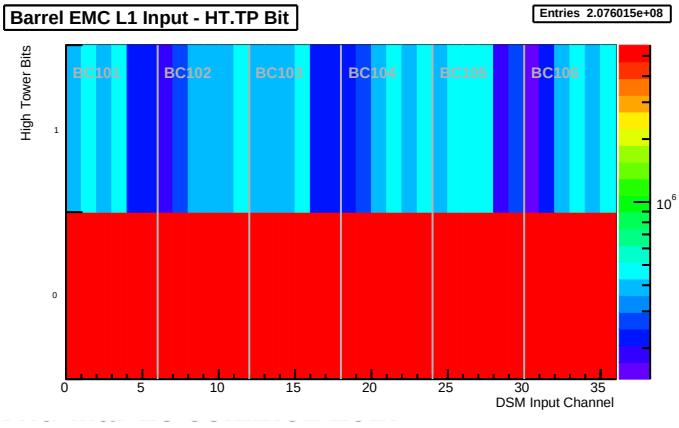

Barrel EMC L1 Input - Low Eta Sum
Entries 297601
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

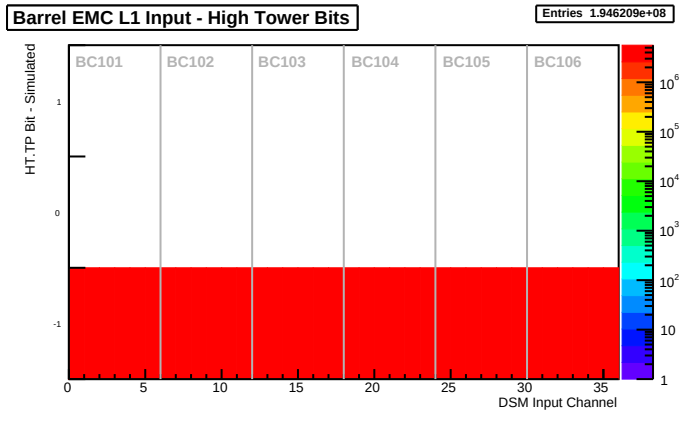

Barrel EMC L1 Input - High Eta Sum
Entries 2.076015e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

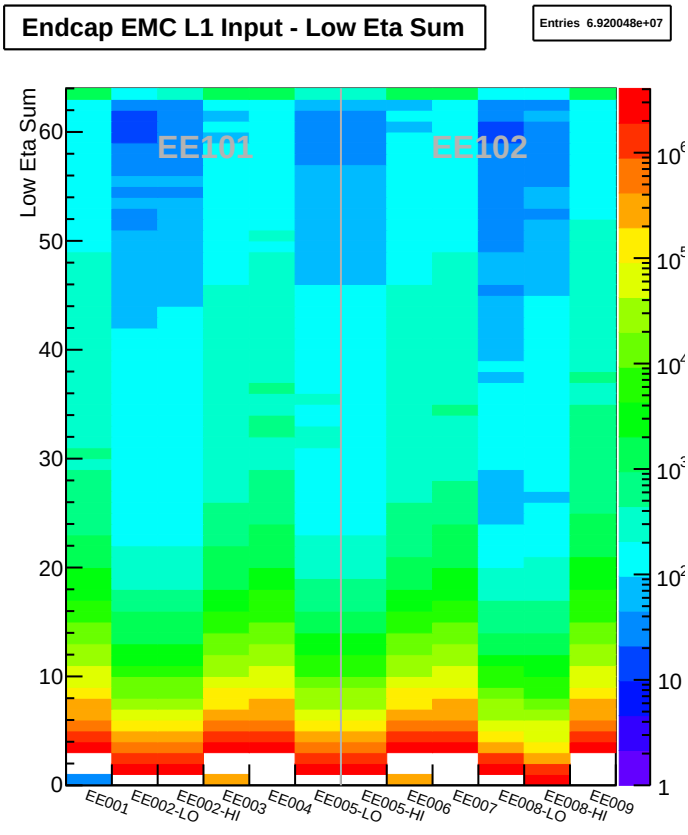

Barrel EMC L1 Input - High Eta Sum
Entries 272072
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

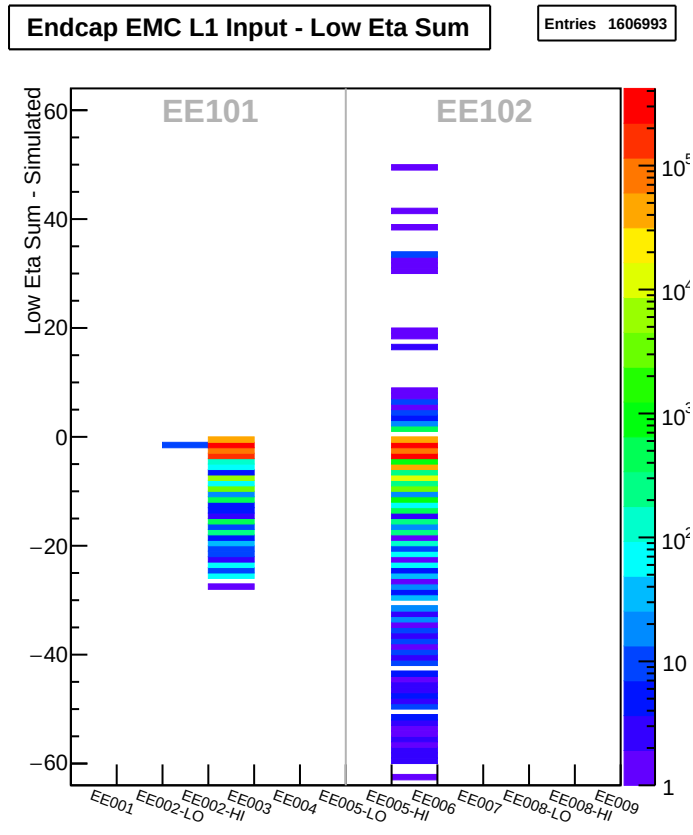

Barrel EMC L1 Input - High Tower Bits
Entries 2.076015e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

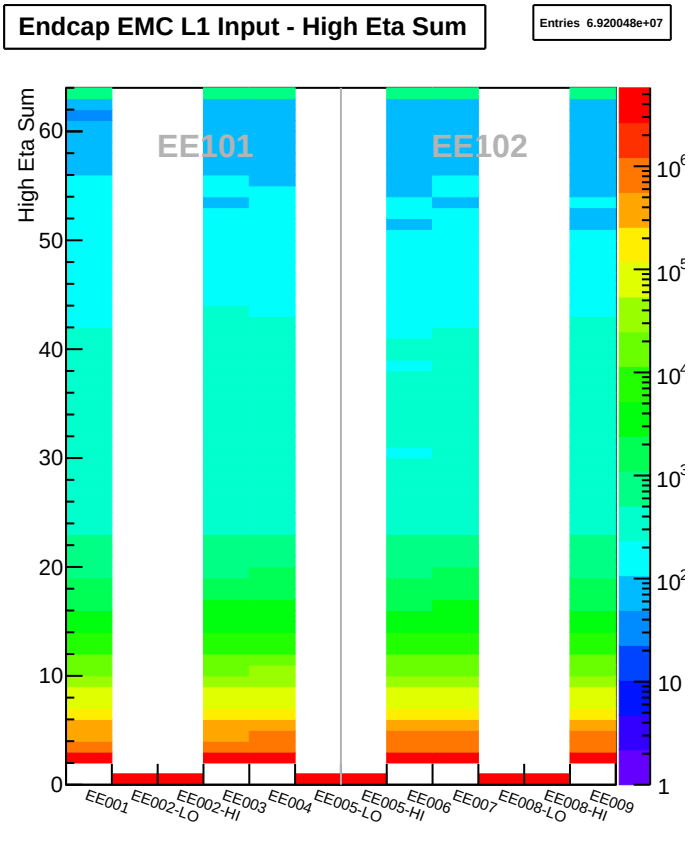

Barrel EMC L1 Input - High Tower Bits
Entries 2.074725e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

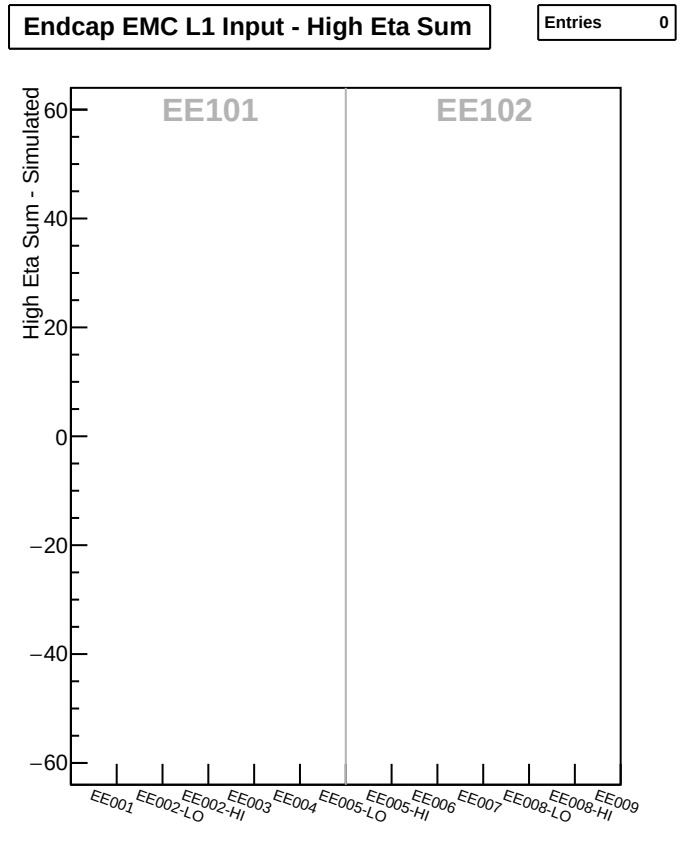

Barrel EMC L1 Input - HT.TP Bit
Entries 2.076015e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

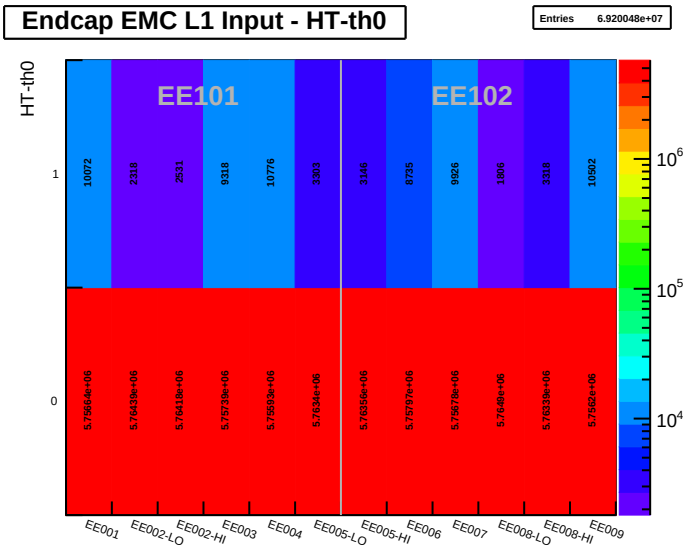

Barrel EMC L1 Input - High Tower Bits
Entries 1.946209e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

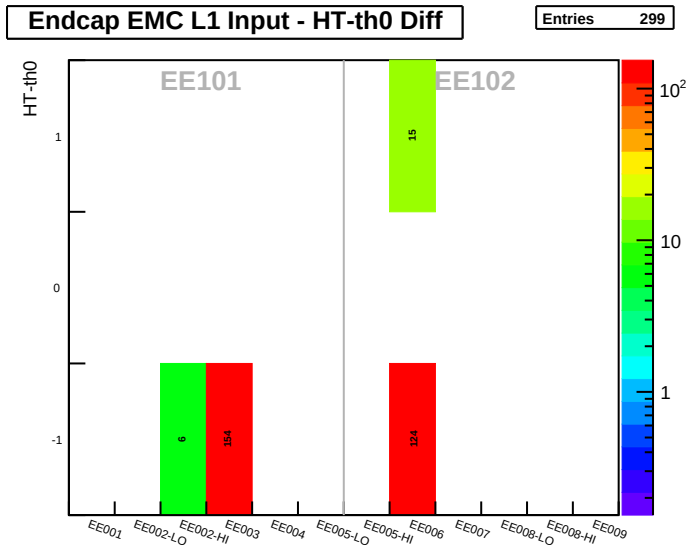

Endcap EMC L1 Input - Low Eta Sum
Entries 6.920048e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

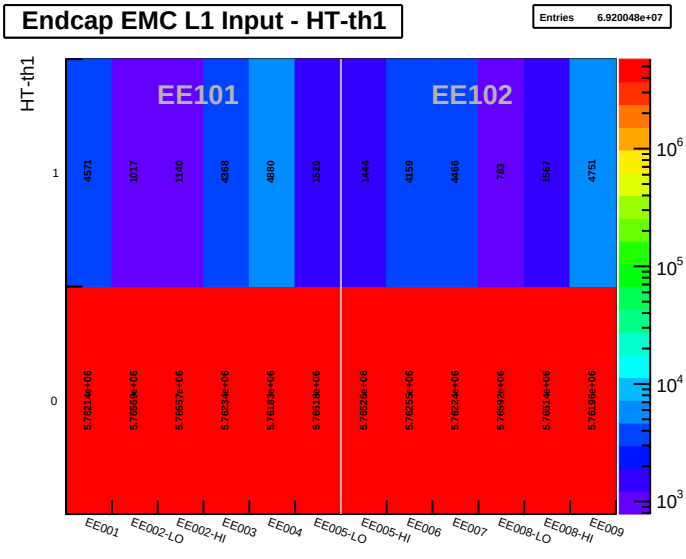

Endcap EMC L1 Input - Low Eta Sum
Entries 1606993
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

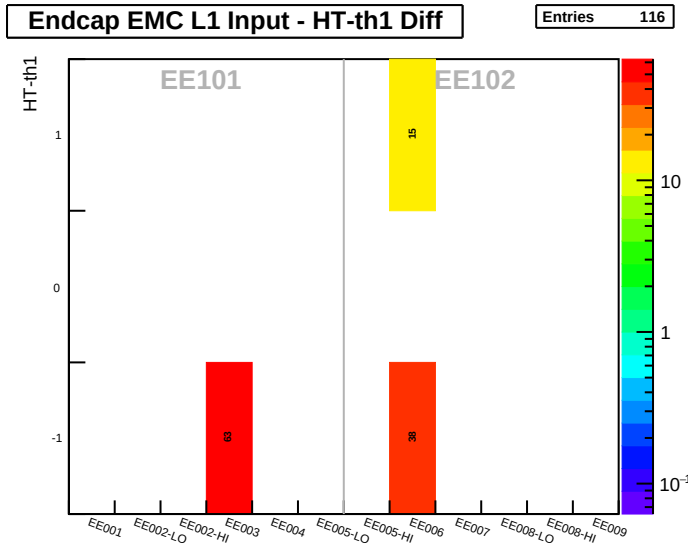

Endcap EMC L1 Input - High Eta Sum
Entries 6.920048e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

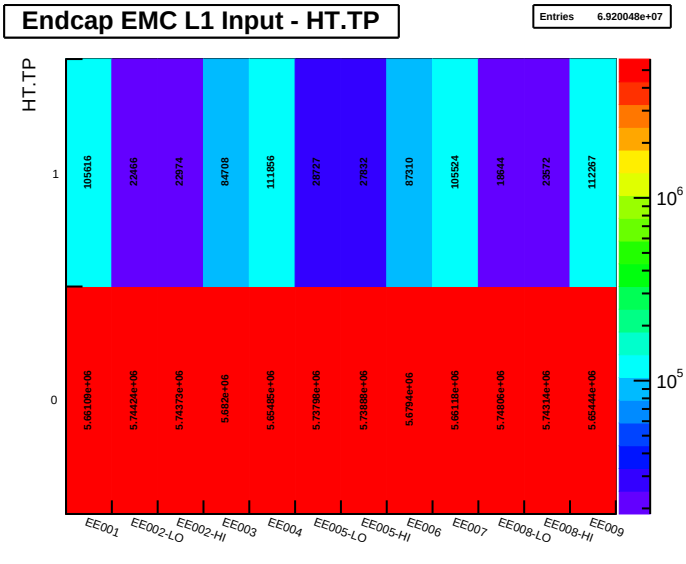

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

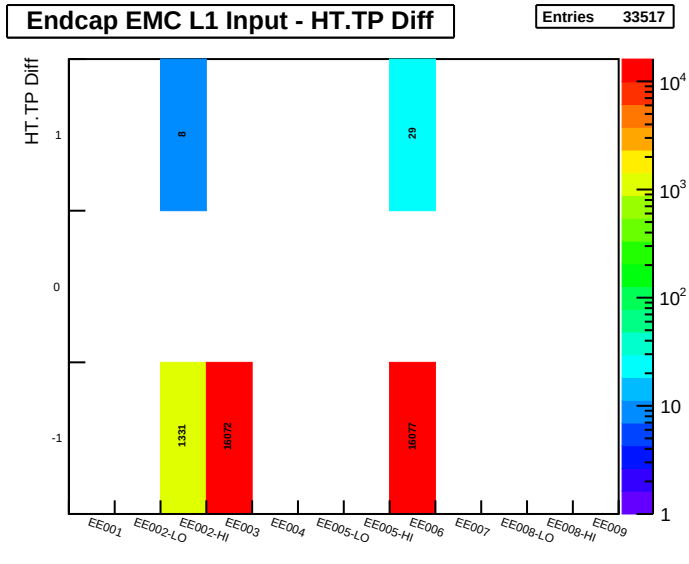

Endcap EMC L1 Input - HT-th0
Entries 6.920048e+07
HT-th0
EE101
EE102
10072
2318
2531
9318
10776
3303
3146
8735
9926
1806
3318
10502
5.75664e+06
5.76439e+06
5.76418e+06
5.75739e+06
5.75593e+06
5.76346e+06
5.76356e+06
5.75797e+06
5.75679e+06
5.76480e+06
5.76339e+06
5.75562e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

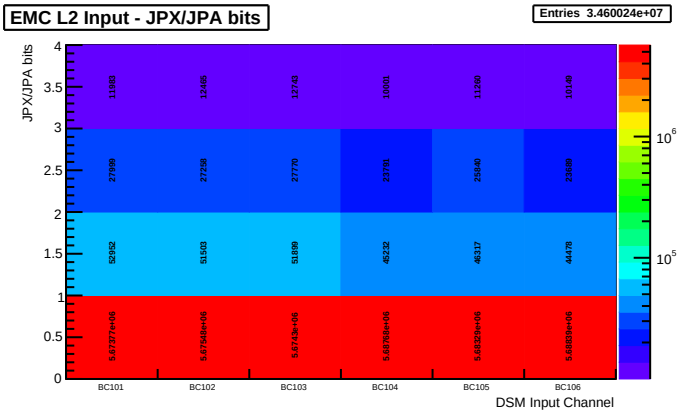

Endcap EMC L1 Input - HT-th0 Diff
Entries 299
HT-th0
EE101
EE102
15
6
154
124
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

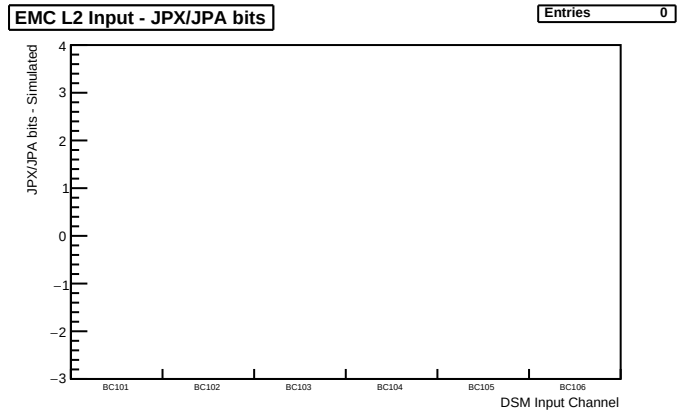

Endcap EMC L1 Input - HT-th1
Entries 6.920048e+07
HT-th1
EE101
EE102
4571
1017
1140
4368
4880
1529
1444
4159
4466
703
1567
4751
5.76214e+06
5.76559e+06
5.76557e+06
5.76234e+06
5.76183e+06
5.76518e+06
5.76526e+06
5.76255e+06
5.76224e+06
5.76592e+06
5.76514e+06
5.76195e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

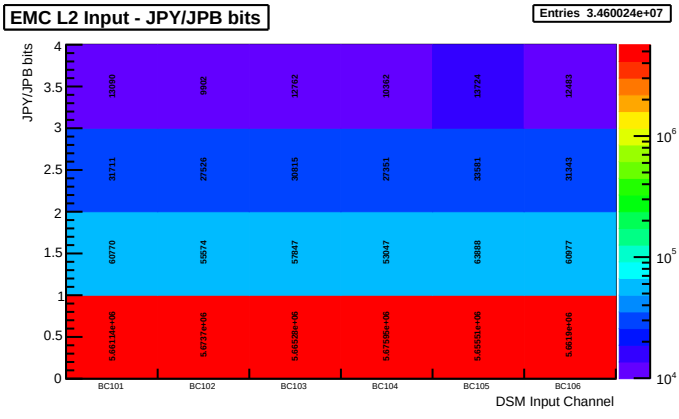

Endcap EMC L1 Input - HT-th1 Diff
Entries 116
HT-th1
EE101
EE102
15
63
38
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

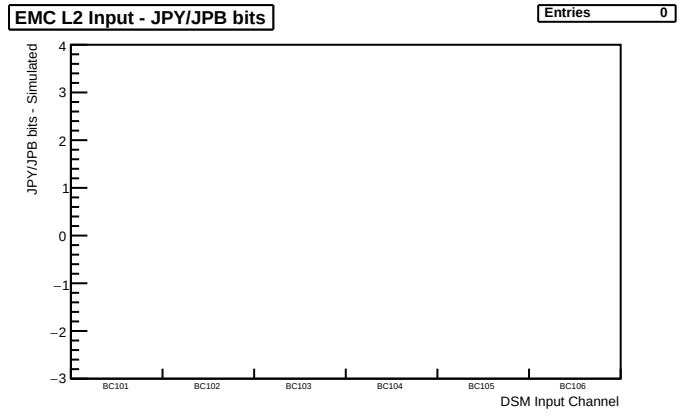

Endcap EMC L1 Input - HT.TP
Entries 6.920048e+07
HT.TP
105616
22466
22974
84708
111856
28727
27832
87310
105524
18644
23572
112267
5.66108e+06
5.74424e+05
5.74372e+06
5.6832e+06
5.65485e+06
5.73798e+05
5.73888e+06
5.6794e+06
5.66118e+05
5.74006e+06
5.74314e+06
5.65444e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

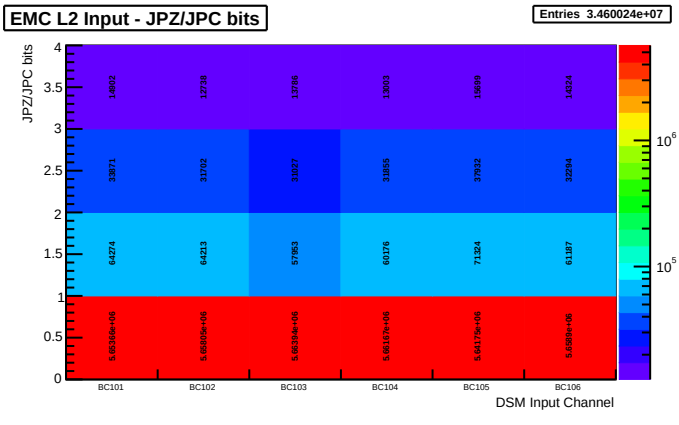

Endcap EMC L1 Input - HT.TP Diff
Entries 33517
HT.TP Diff
8
29
1331
16072
16077
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

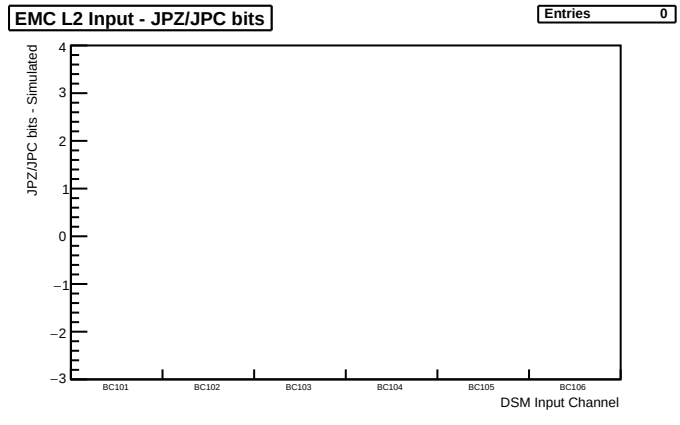

EMC L2 Input - JPX/JPA bits
Entries 3.460024e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

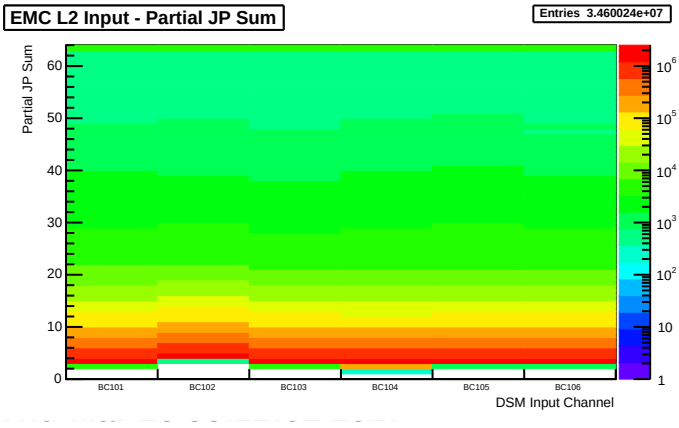

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

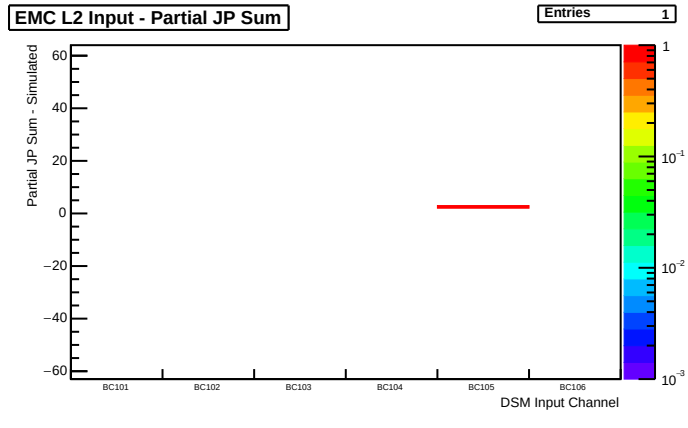

EMC L2 Input - JPY/JPB bits
Entries 3.460024e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

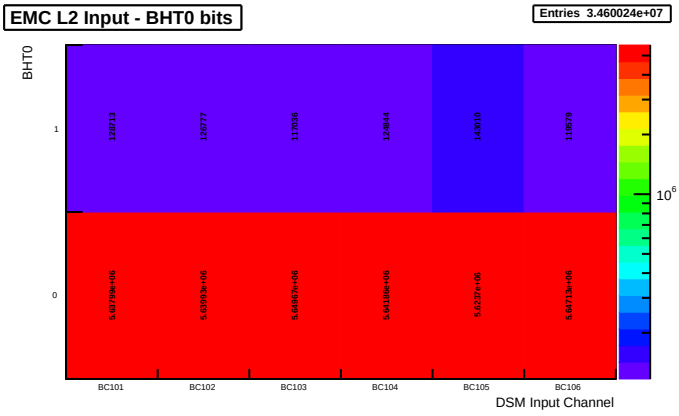

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

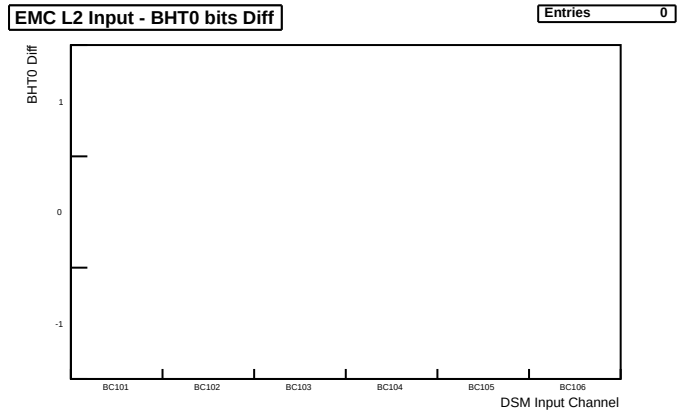

EMC L2 Input - JPZ/JPC bits
Entries 3.460024e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

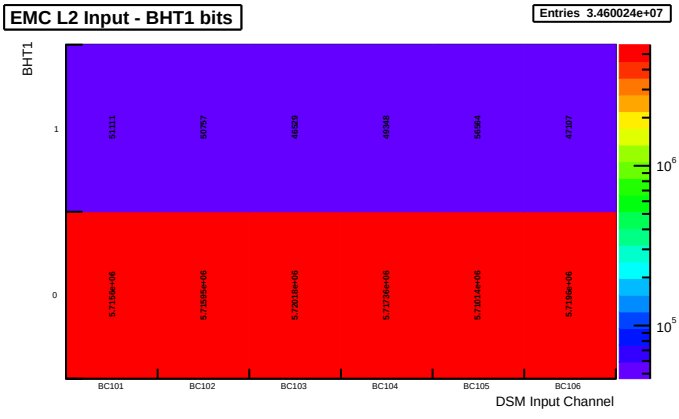

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

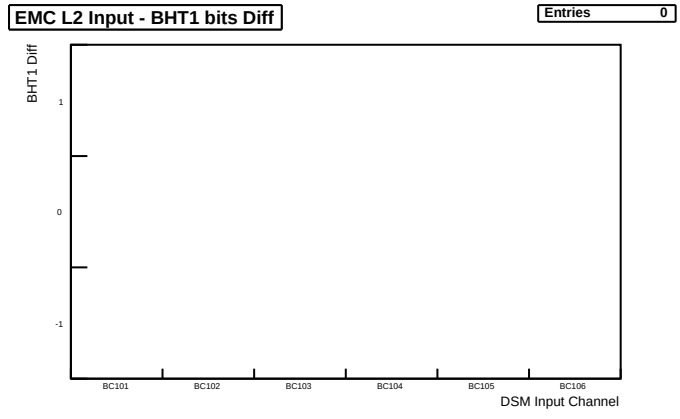

EMC L2 Input - Partial JP Sum
Entries 3.460024e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

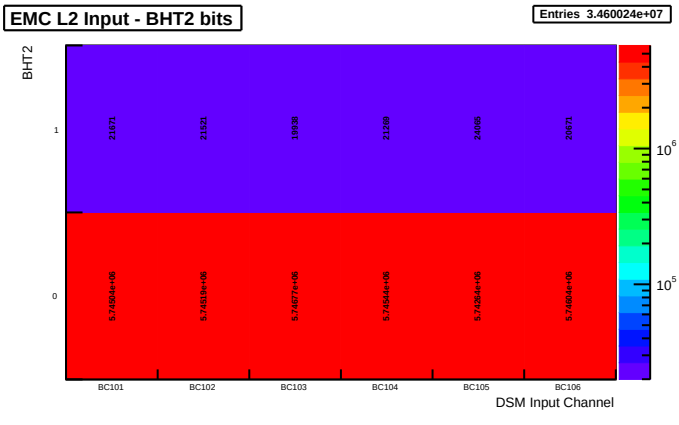

EMC L2 Input - Partial JP Sum
Entries 1
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

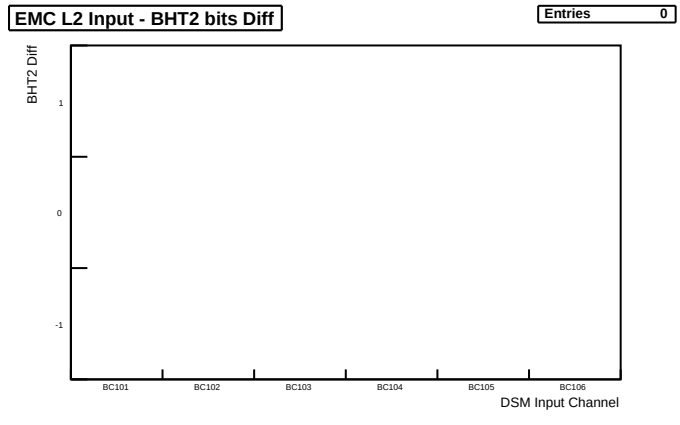

EMC L2 Input - BHT0 bits
Entries 3.460024e+07
BHT0
1
0
126713
126777
117036
124844
143510
119579
5.63793e+06
5.63993e+06
5.64967e+06
5.64186e+06
5.6237e+06
5.64713e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

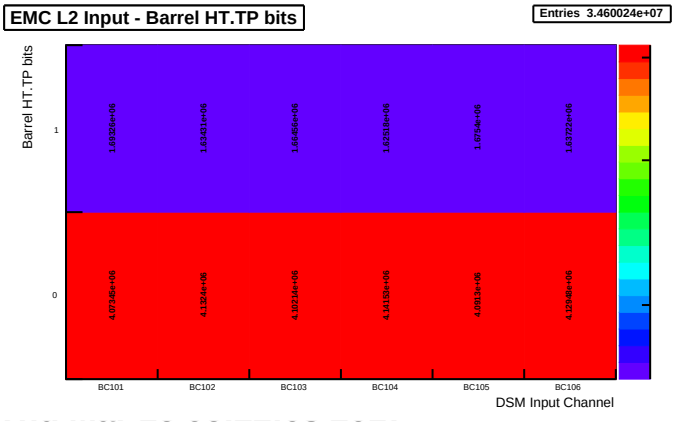

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

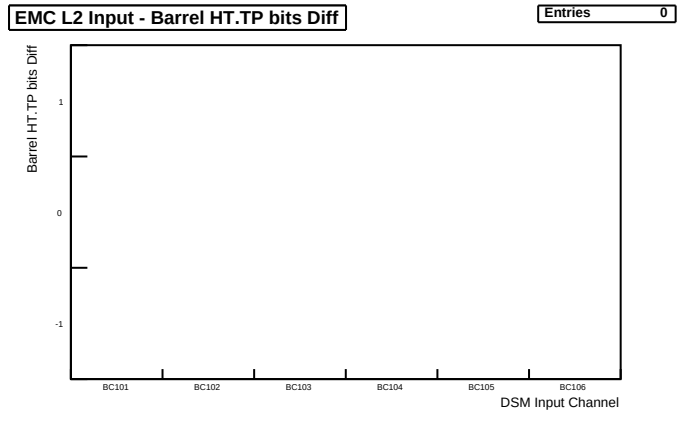

EMC L2 Input - BHT1 bits
Entries 3.460024e+07
BHT1
1
0
51111
50757
45529
49348
55664
47107
5.71156e+06
5.71599e+06
5.72018e+06
5.71736e+06
5.71014e+06
5.71166e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

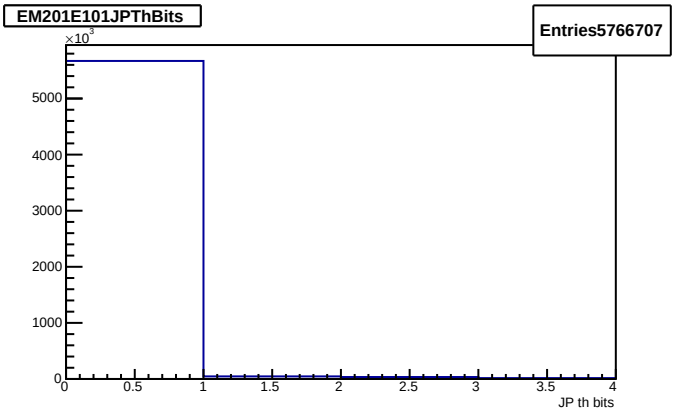

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

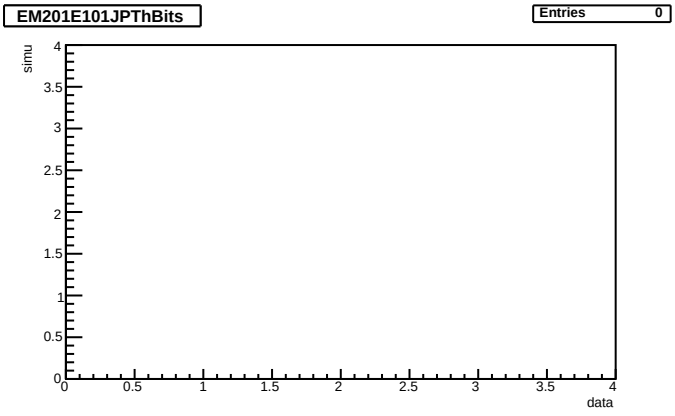

EMC L2 Input - BHT2 bits
Entries 3.460024e+07
BHT2
1
0
21971
21521
19938
21239
24065
20871
5.74504e+06
5.74519e+06
5.74577e+06
5.74544e+06
5.74264e+06
5.74604e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

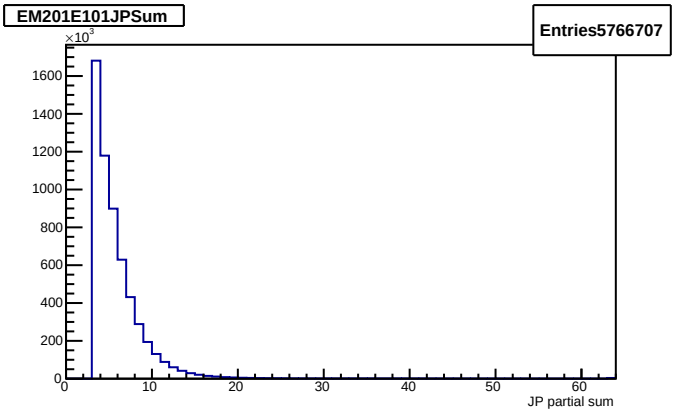

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

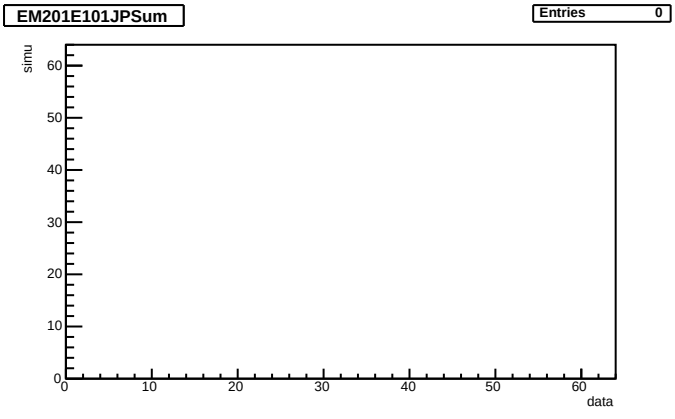

EMC L2 Input - Barrel HT.TP bits
Entries 3.460024e+07
Barrel HT.TP bits
1
0
1.63826e+06
1.63431e+06
1.66456e+06
1.62518e+06
1.67544e+06
1.63722e+06
4.07345e+06
4.1324e+06
4.10214e+06
4.14153e+06
4.0913e+06
4.12948e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

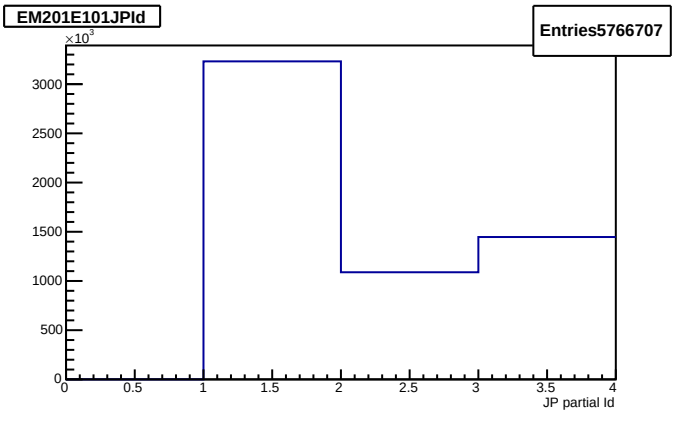

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

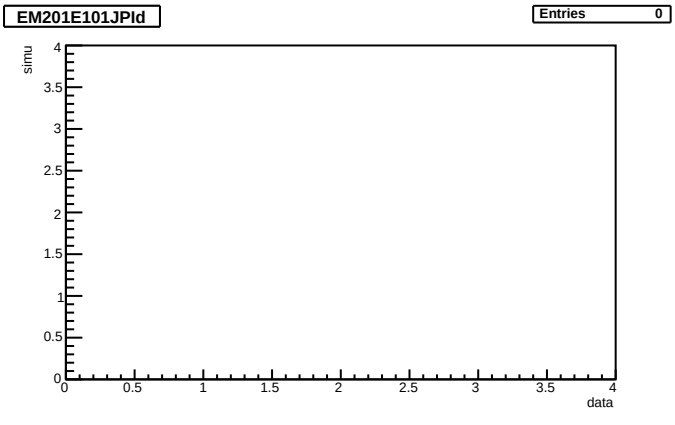

EM201E101JPThBits
Entries5766707
×10^3
JP th bits

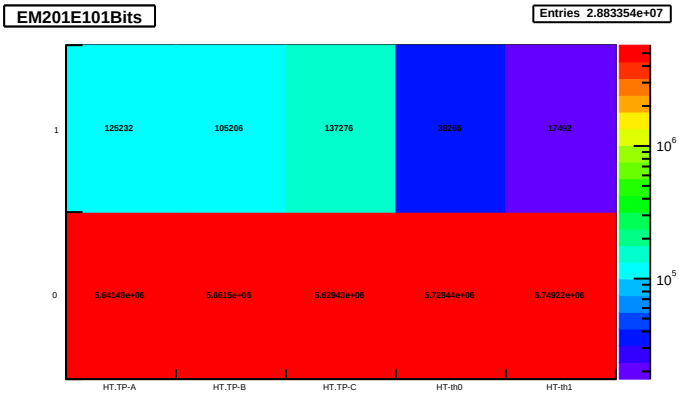

EM201E101JPThBits
Entries 0
simu
data

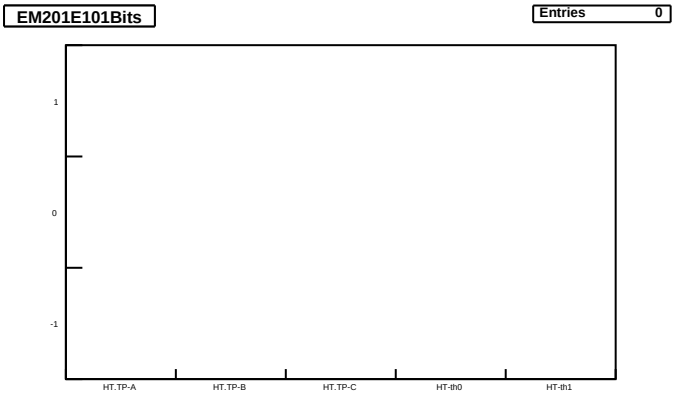

EM201E101JPSum
Entries5766707
×10^3
JP partial sum

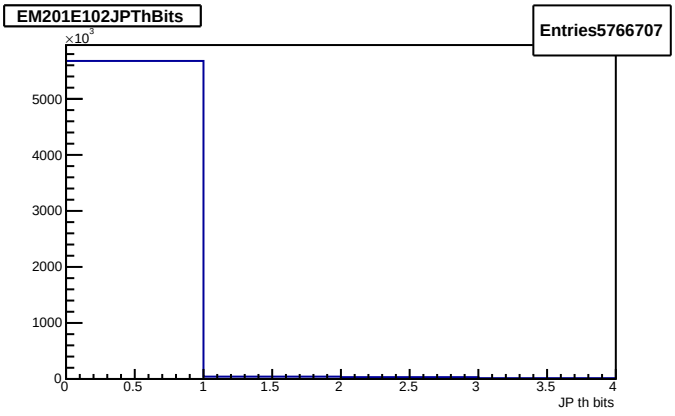

EM201E101JPSum
Entries 0
simu
data

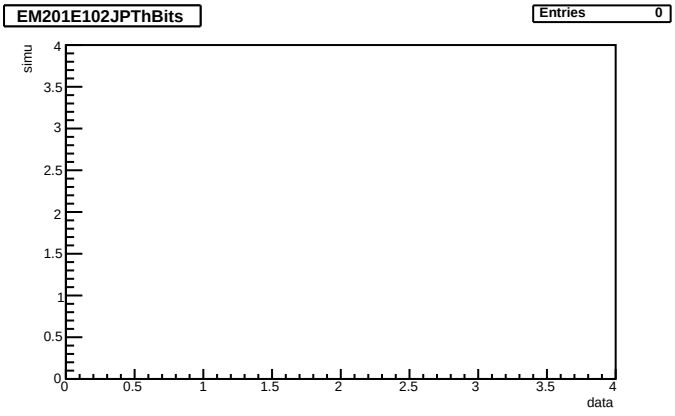

EM201E101JPId
Entries5766707
×10^3
JP partial Id

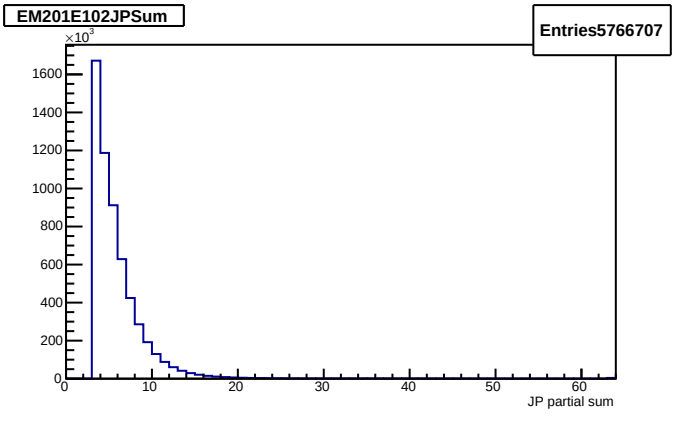

EM201E101JPId
Entries 0
simu
data

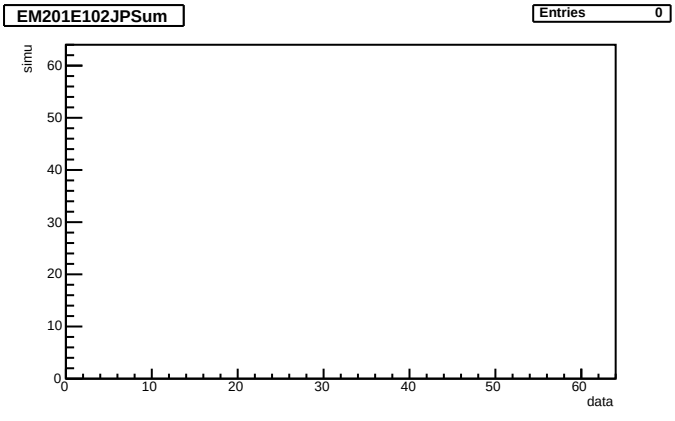

EM201E101Bits
Entries 2.883354e+07
125232
105206
137276
38266
17492
5.64148e+06
5.6615e+06
5.62943e+06
5.72844e+06
5.74922e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

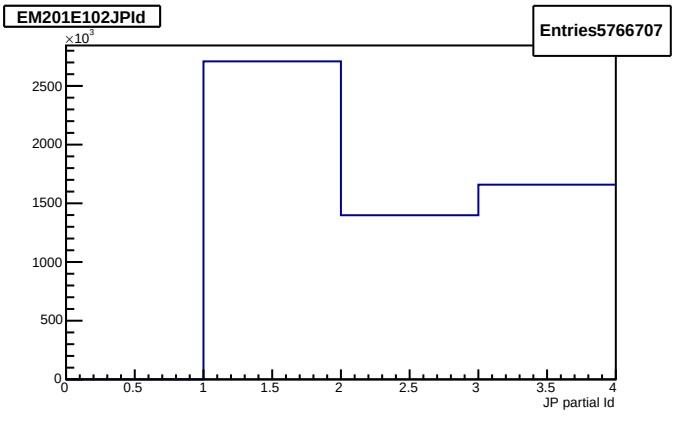

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

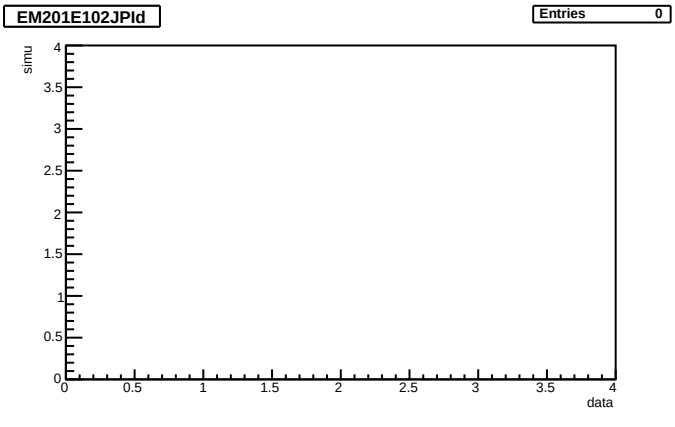

EM201E102JPThBits
Entries5766707
×10^3
JP th bits

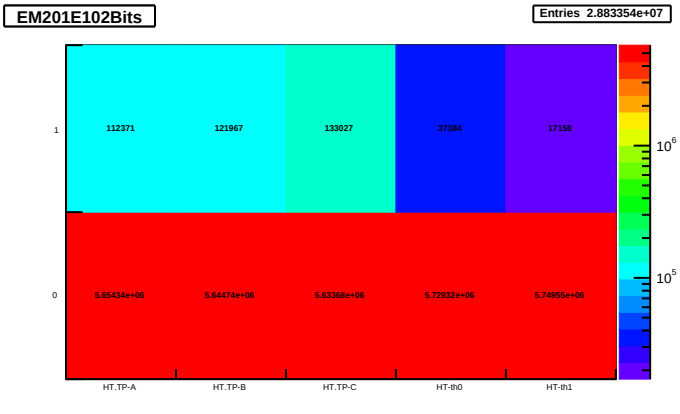

EM201E102JPThBits
Entries 0
simu
data

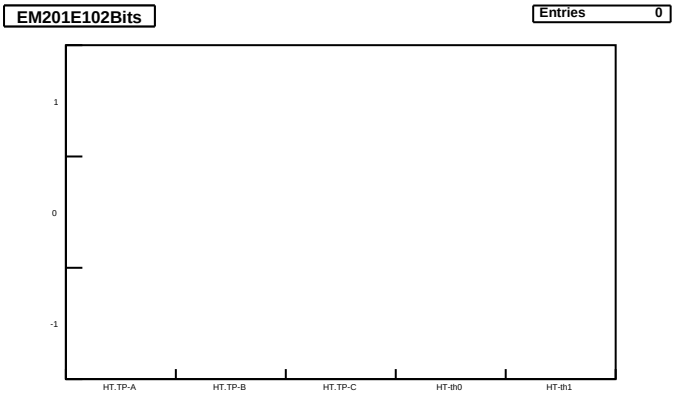

EM201E102JPSum
Entries5766707
×10^3
JP partial sum

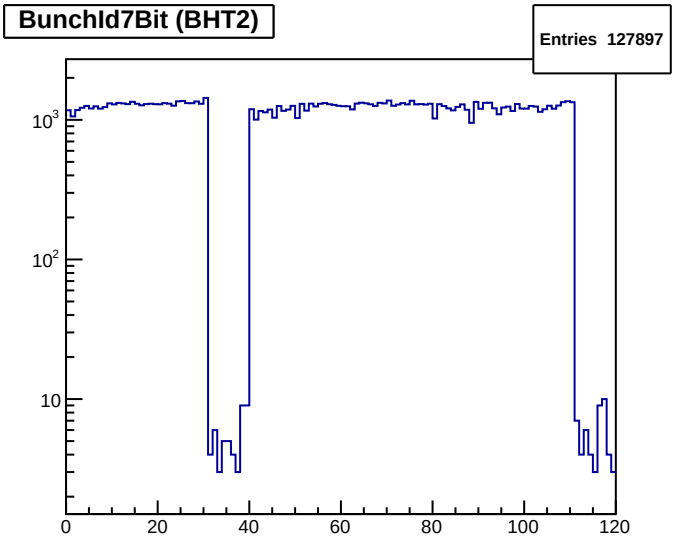

EM201E102JPSum
Entries 0
simu
data

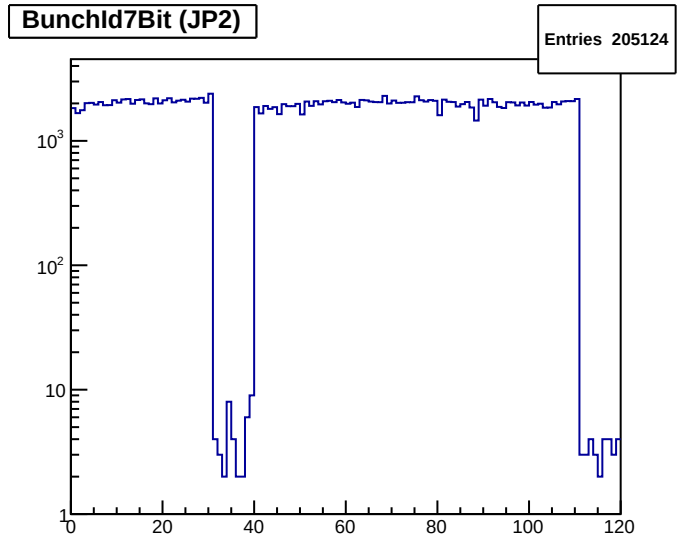

EM201E102JPId
Entries5766707
×10^3
JP partial Id

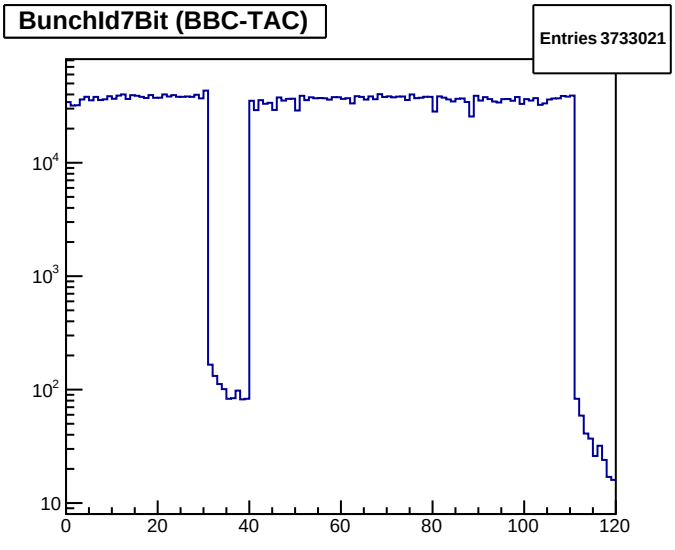

EM201E102JPId
Entries 0
simu
data

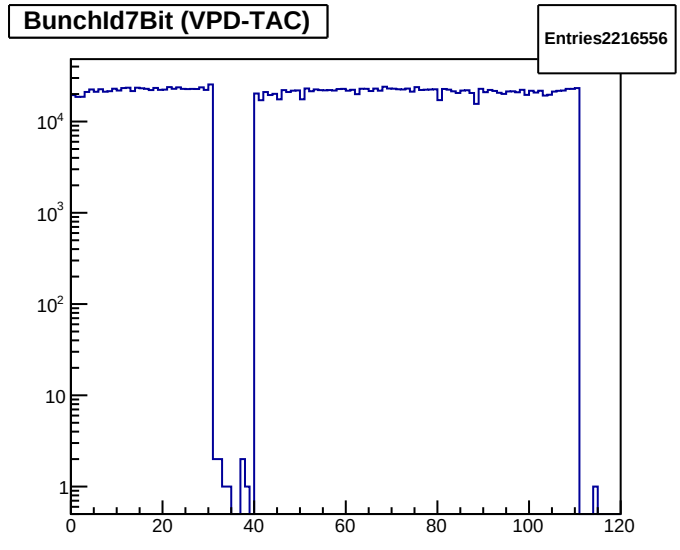

EM201E102Bits
Entries 2.883354e+07
112371
121967
133027
37384
17158
5.65434e+06
5.64474e+06
5.63368e+06
5.72832e+06
5.74955e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

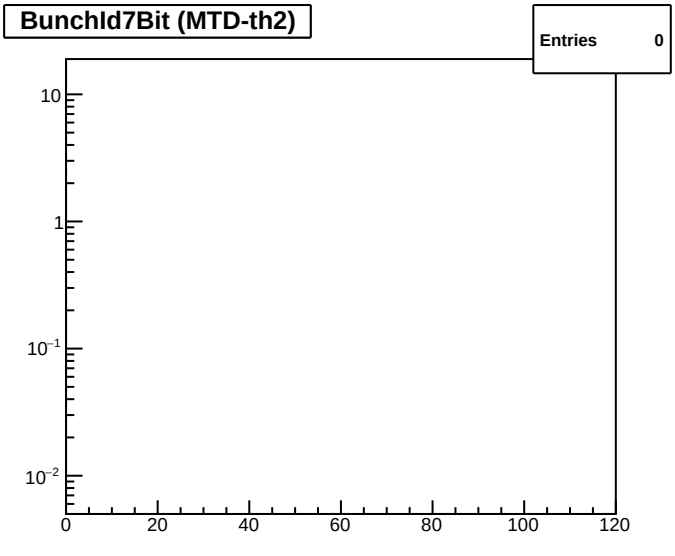

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

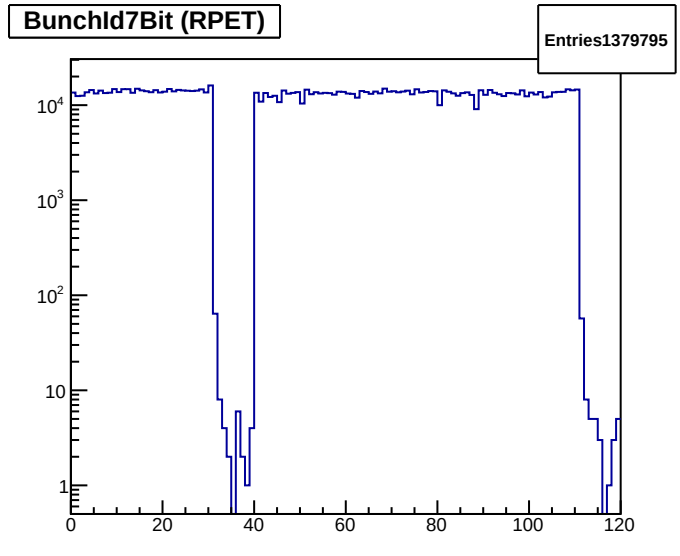

BunchId7Bit (BHT2)
Entries 127897

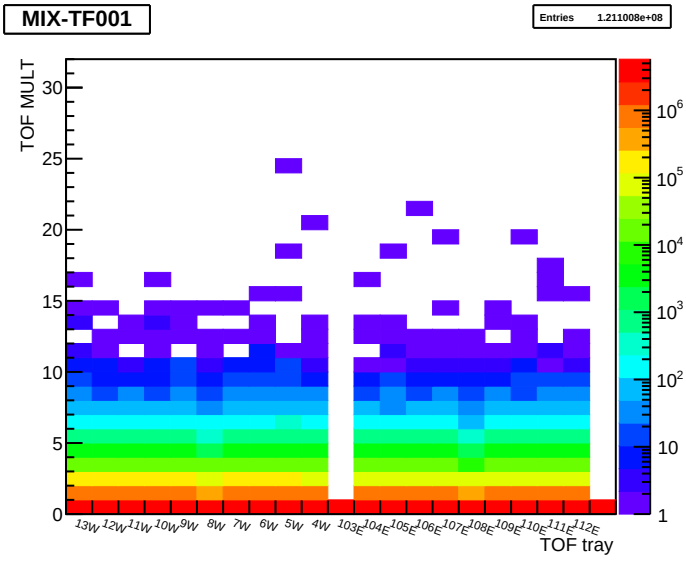

BunchId7Bit (JP2)
Entries 205124

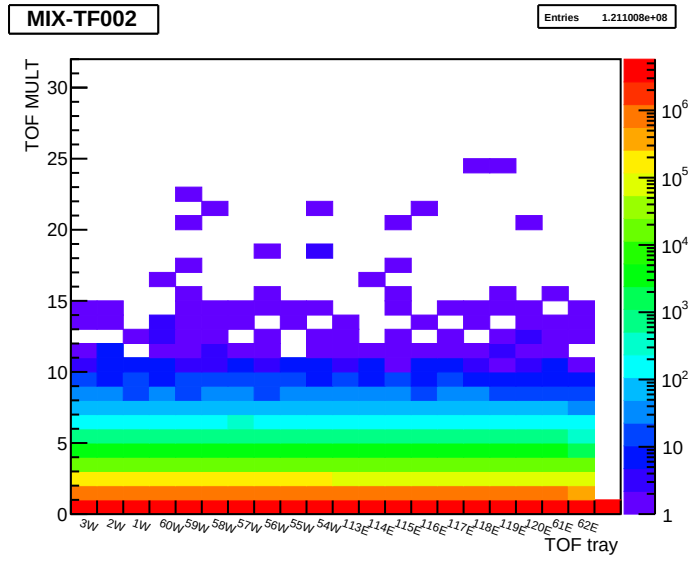

BunchId7Bit (BBC-TAC)
Entries 3733021

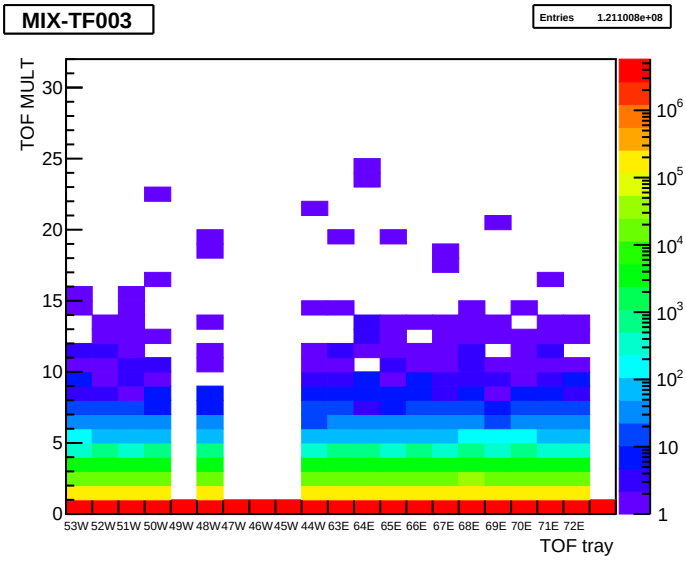

BunchId7Bit (VPD-TAC)
Entries2216556

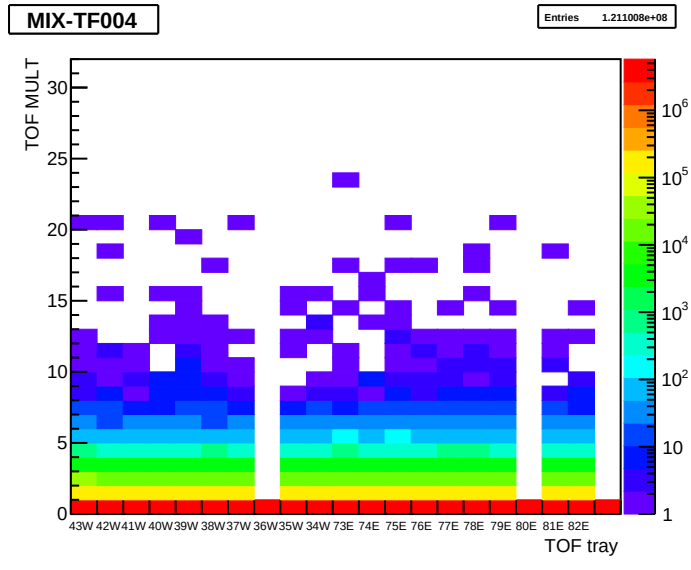

BunchId7Bit (MTD-th2)
Entries 0

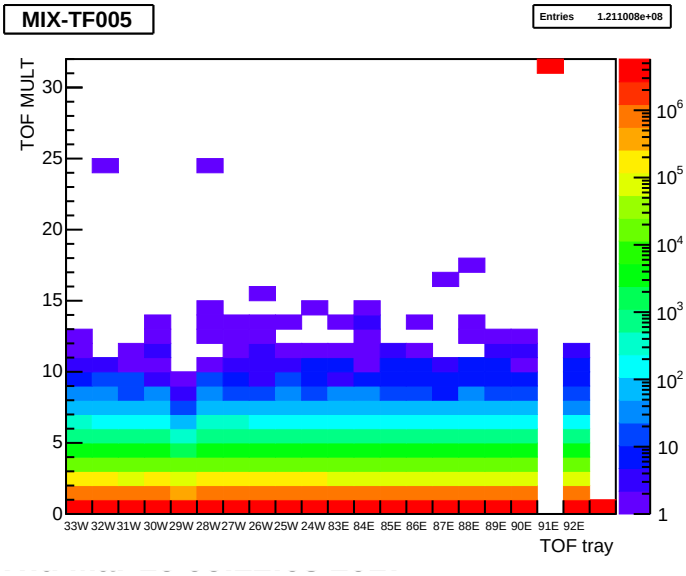

BunchId7Bit (RPET)
Entries1379795

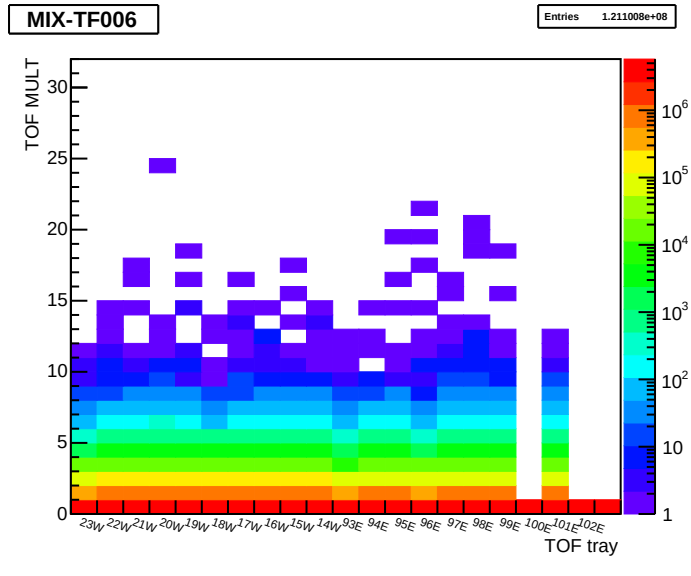

MIX-TF001
Entries 1.211008e+08
TOF MULT
TOF tray

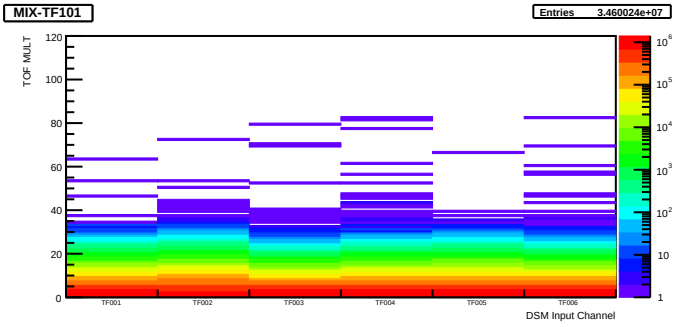

MIX-TF002
Entries 1.211008e+08
TOF MULT
TOF tray

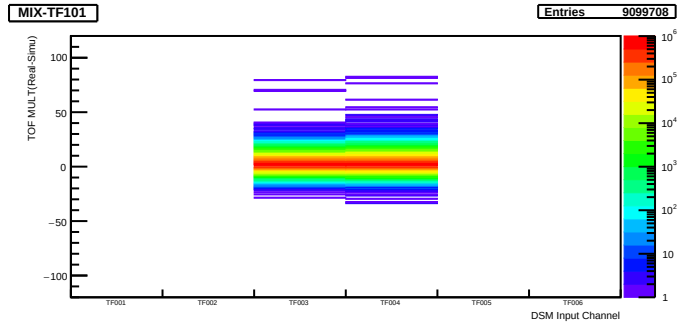

MIX-TF003
Entries 1.211008e+08
TOF MULT
TOF tray

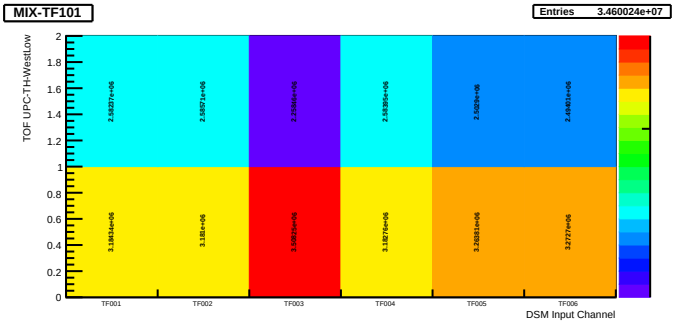

MIX-TF004
Entries 1.211008e+08
TOF MULT
TOF tray

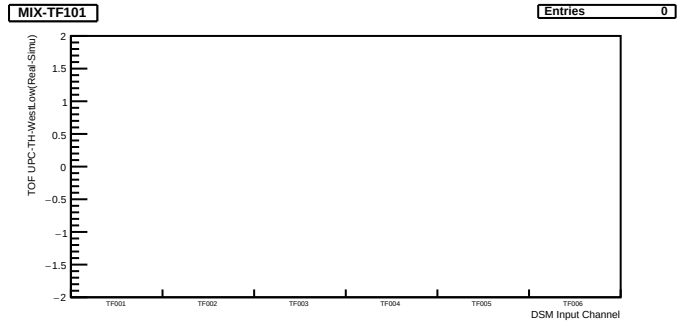

MIX-TF005
Entries 1.211008e+08
TOF MULT
TOF tray

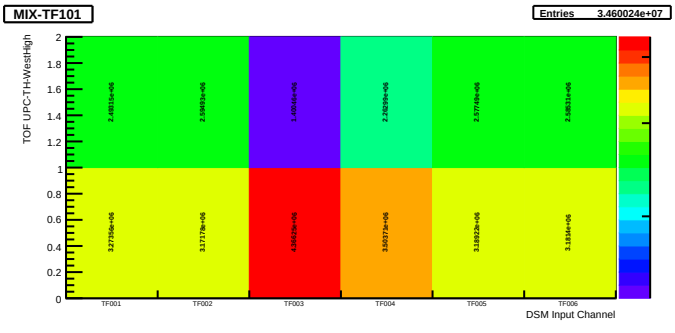

MIX-TF006
Entries 1.211008e+08
TOF MULT
TOF tray

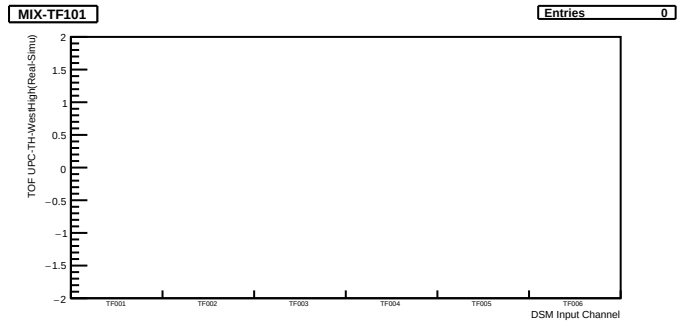

MIX-TF101
Entries 3.460024e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

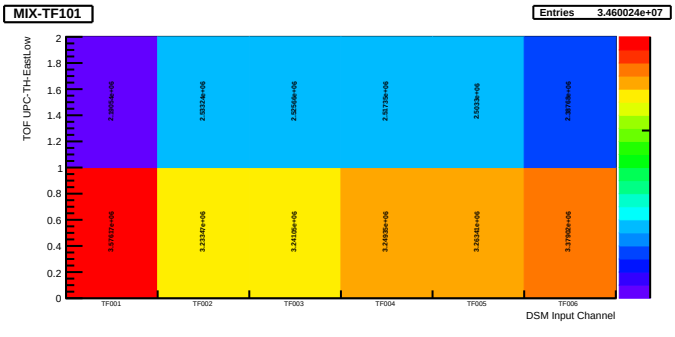

MIX-TF101
Entries 9099708
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

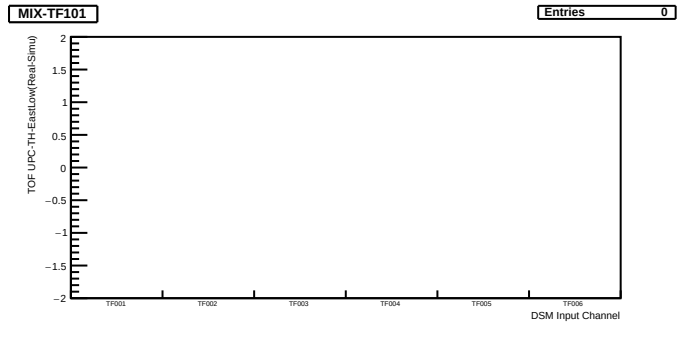

MIX-TF101
Entries 3.460024e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

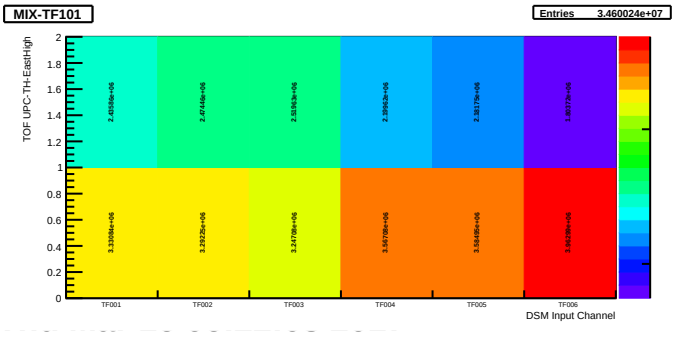

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

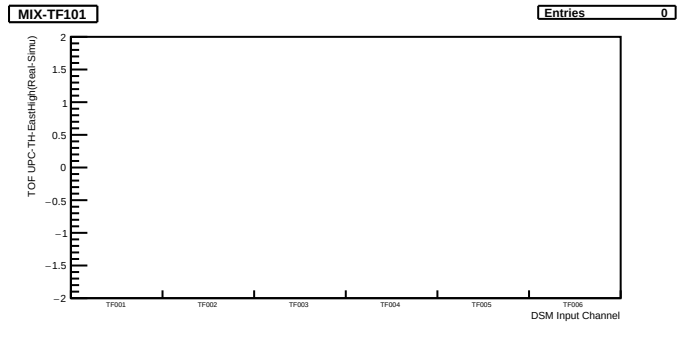

MIX-TF101
Entries 3.460024e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

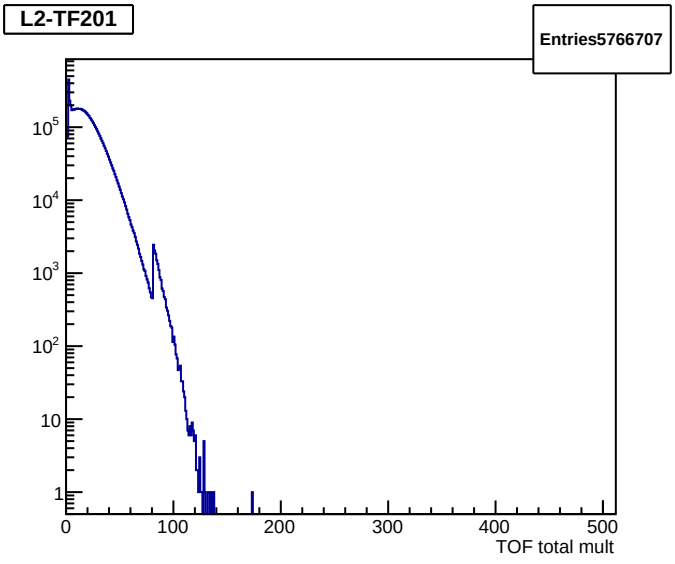

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

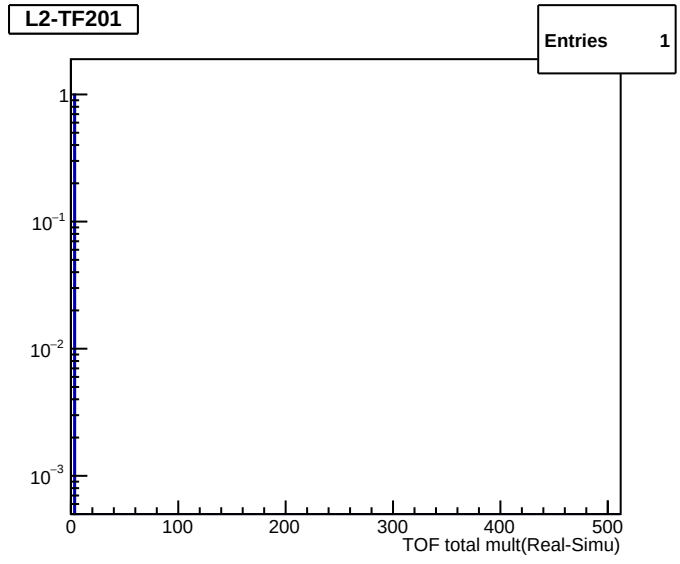

MIX-TF101
Entries 3.460024e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

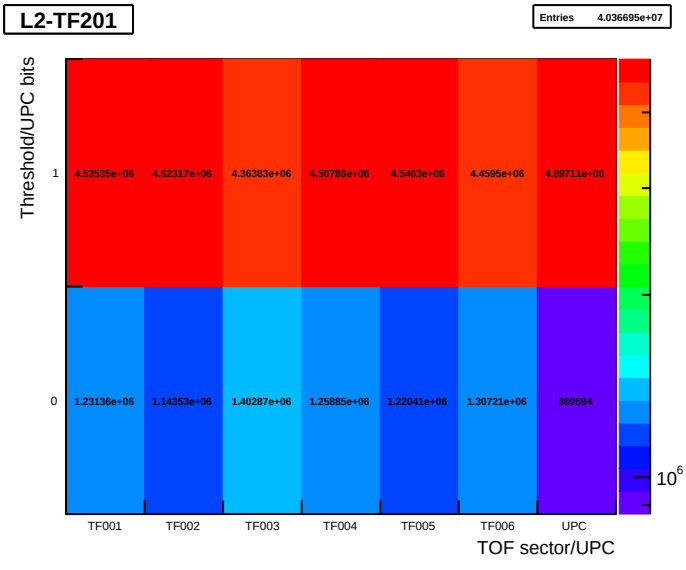

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

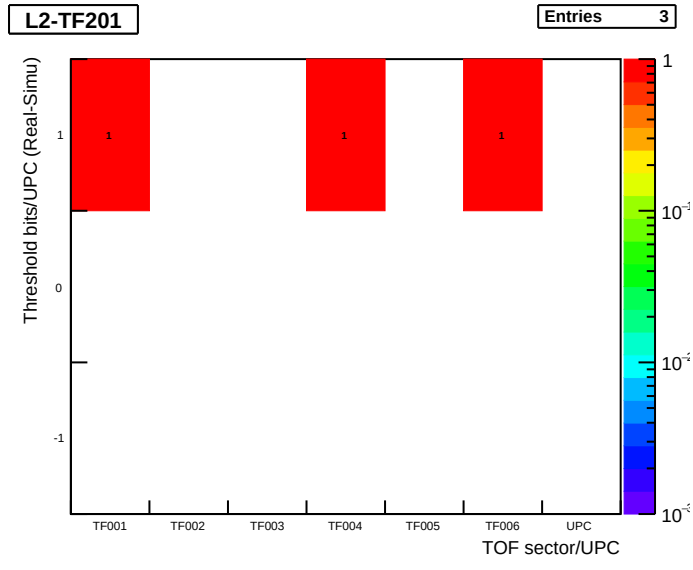

MIX-TF101
Entries 3.460024e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

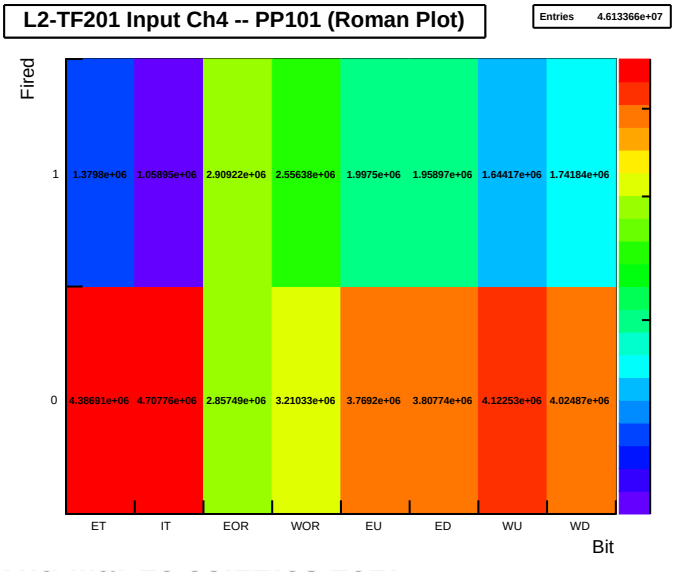

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

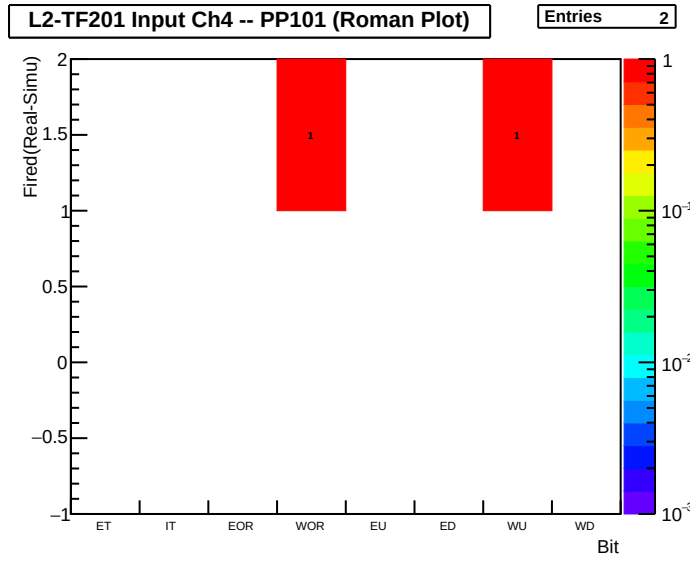

L2-TF201
Entries5766707
TOF total mult

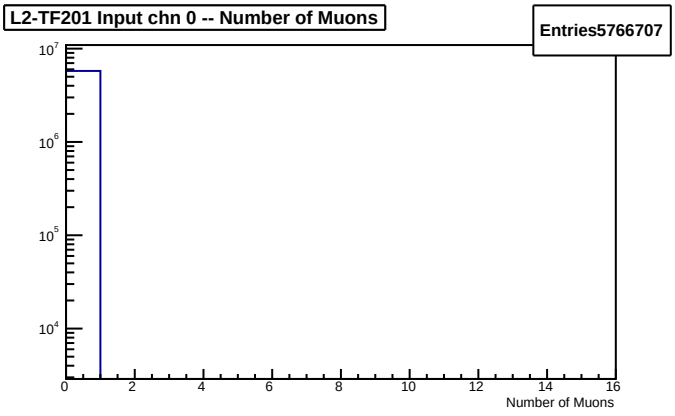

L2-TF201
Entries 1
TOF total mult(Real-Simu)

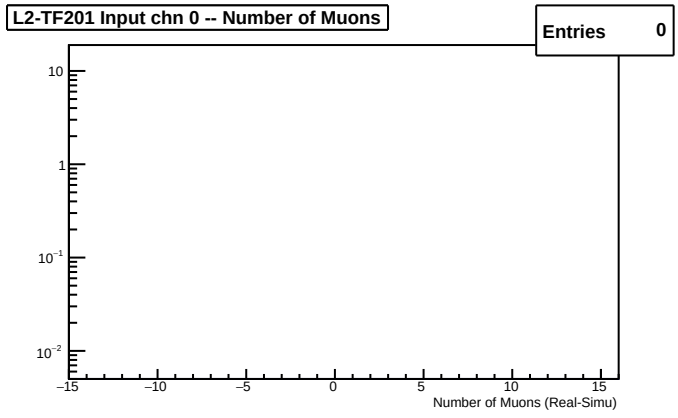

L2-TF201
Entries 4.036695e+07
Threshold/UPC bits
4.53535e+06
4.62317e+06
4.36383e+06
4.50786e+06
4.5463e+06
4.4595e+06
4.89711e+06
1.23136e+06
1.14353e+06
1.40287e+06
1.25885e+06
1.22041e+06
1.30721e+06
869594
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

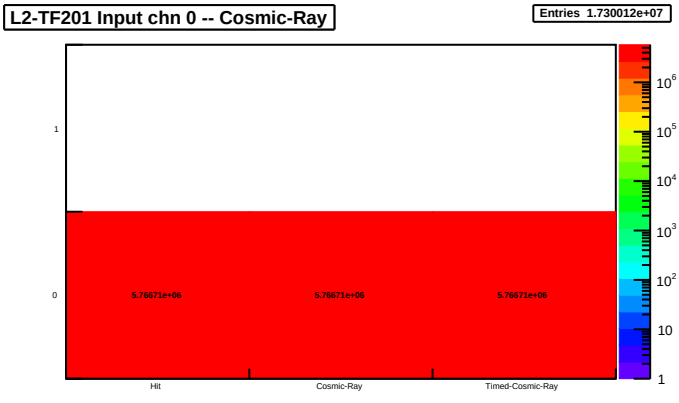

L2-TF201
Entries 3
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

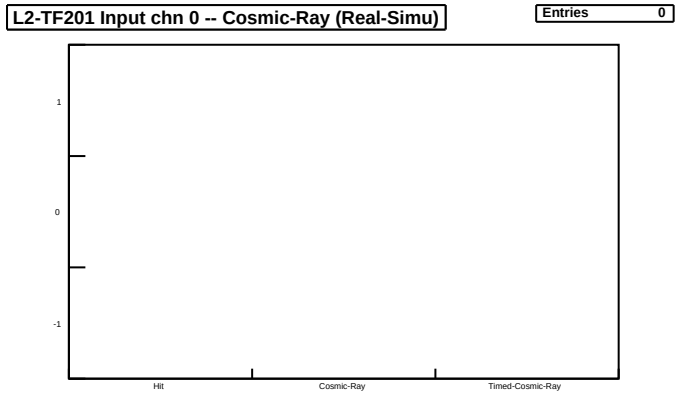

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.613366e+07
Fired
1.3798e+06
1.05895e+06
2.90922e+06
2.55638e+06
1.9975e+06
1.95897e+06
1.64417e+06
1.74184e+06
4.38691e+06
4.70776e+06
2.85749e+06
3.21033e+06
3.7692e+06
3.80774e+06
4.12253e+06
4.02487e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

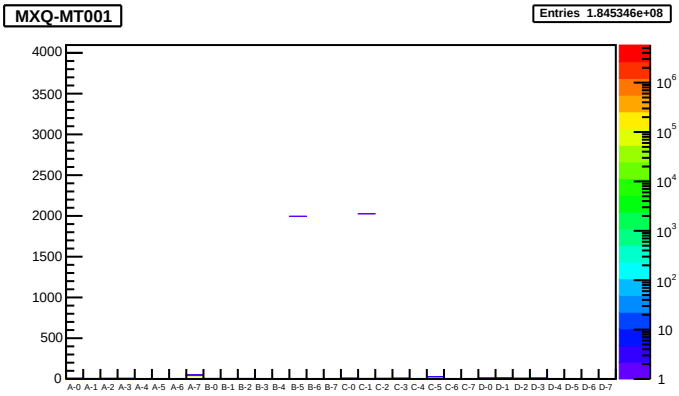

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

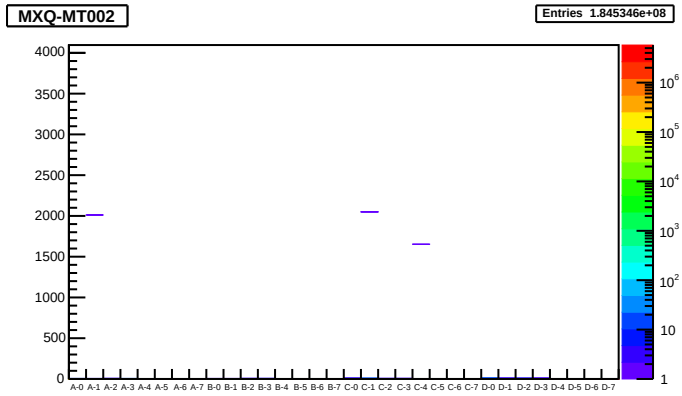

L2-TF201 Input chn 0 -- Number of Muons
Entries5766707
Number of Muons

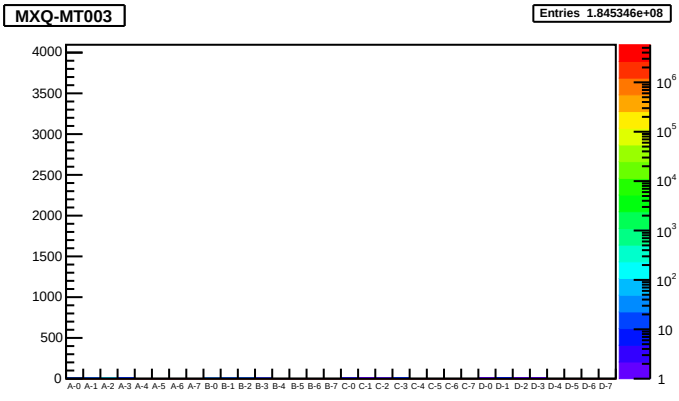

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

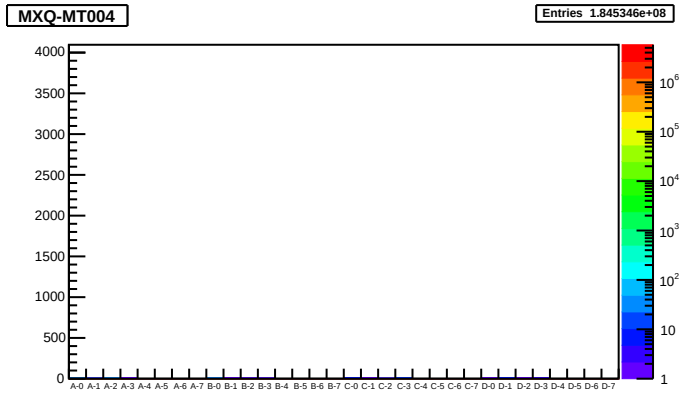

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.730012e+07
5.76671e+06
5.76671e+06
5.76671e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

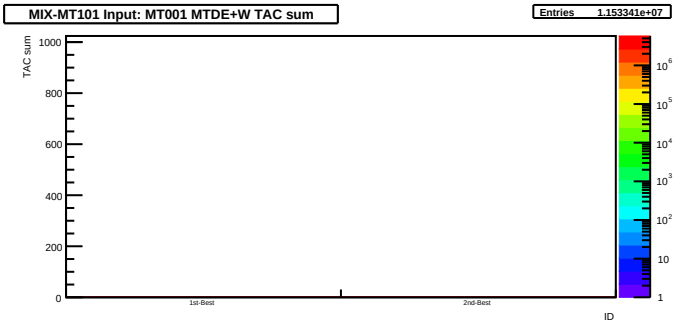

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

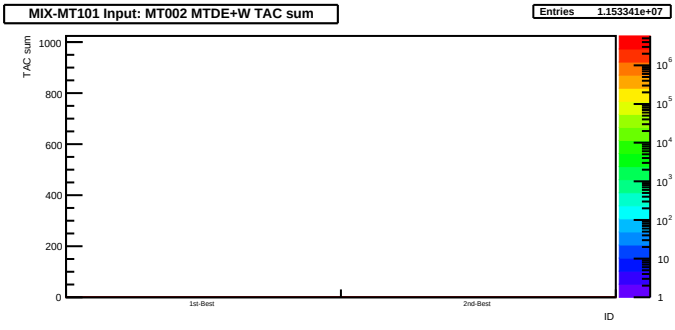

MXQ-MT001
Entries 1.845346e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

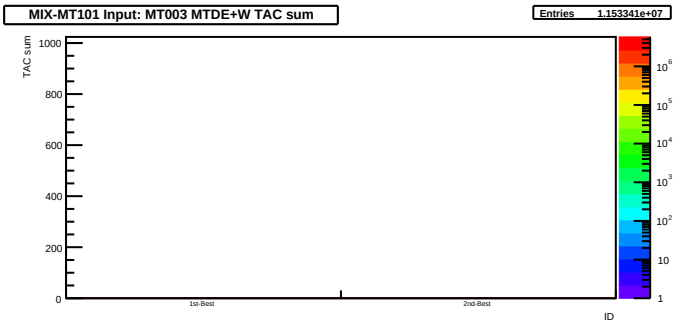

MXQ-MT002
Entries 1.845346e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

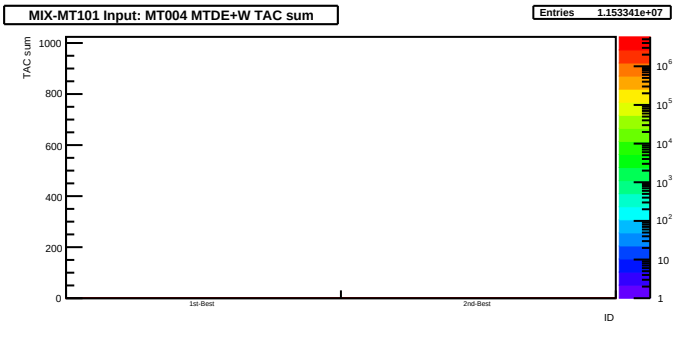

MXQ-MT003
Entries 1.845346e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

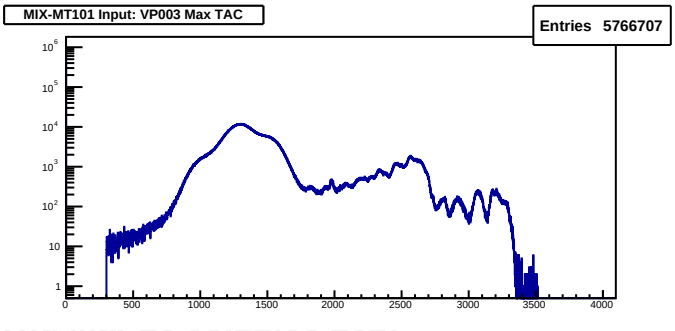

MXQ-MT004
Entries 1.845346e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

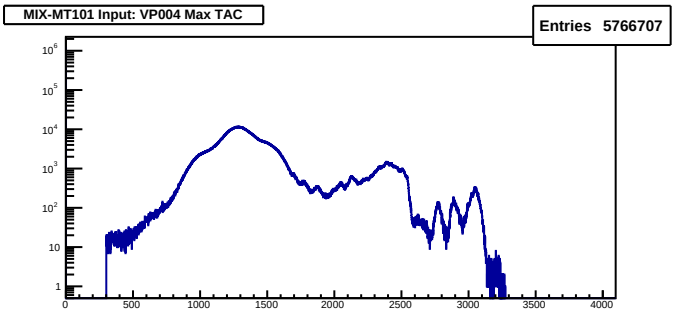

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.153341e+07
TAC sum
1st-Best
2nd-Best
ID

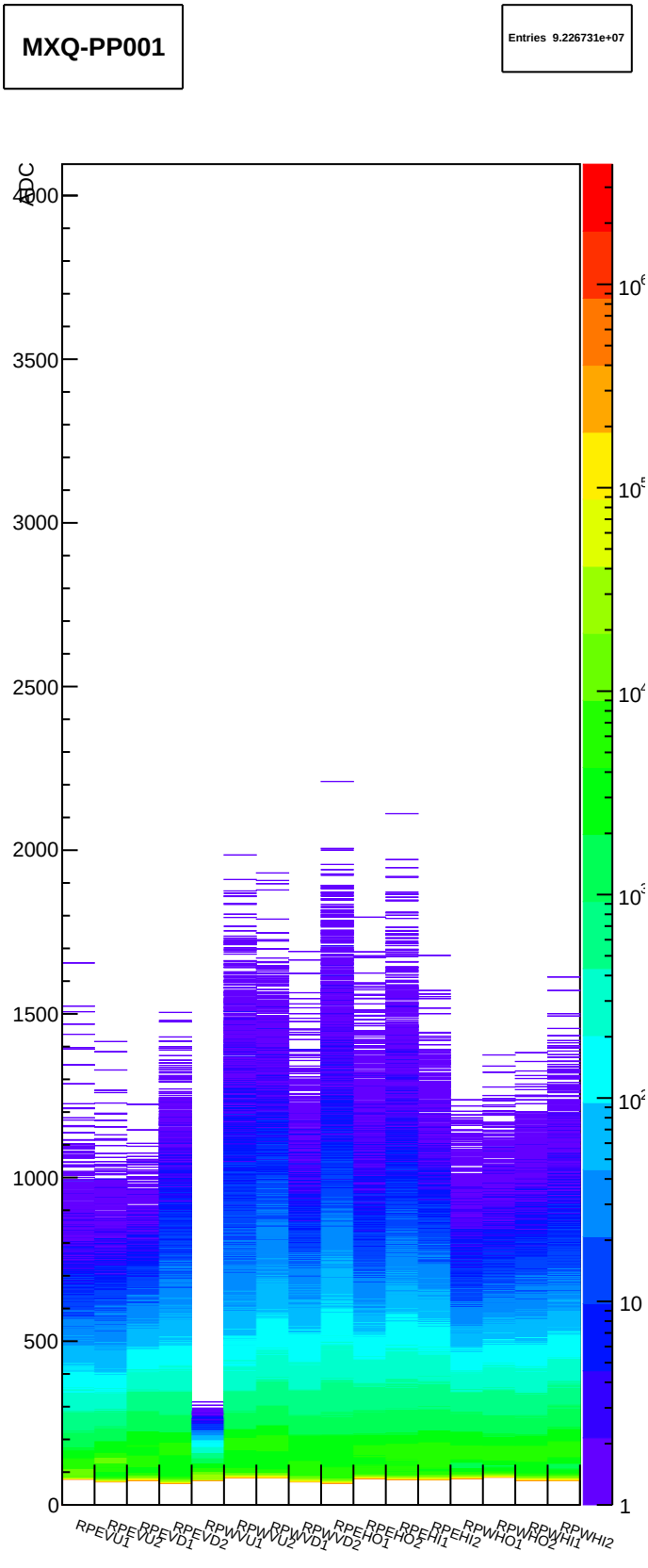

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.153341e+07
TAC sum
1st-Best
2nd-Best
ID

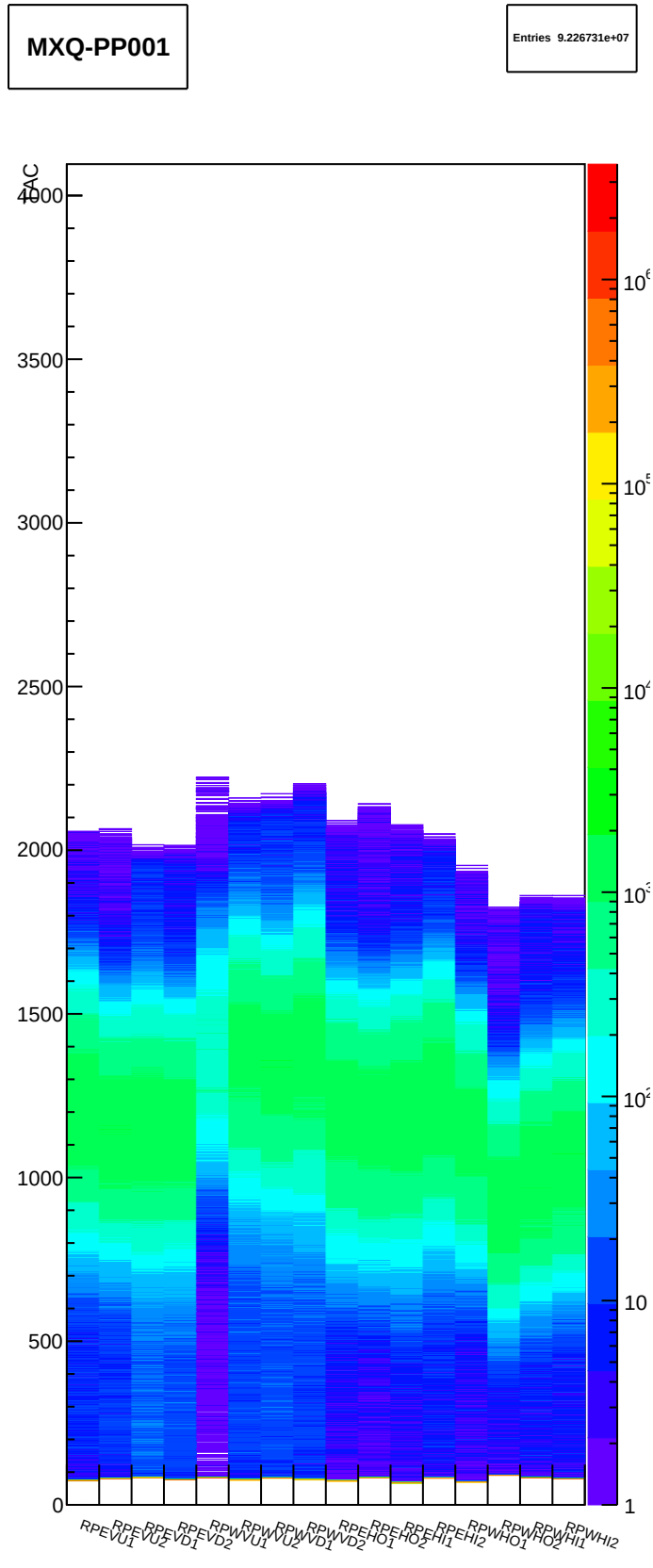

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.153341e+07
TAC sum
1st-Best
2nd-Best
ID

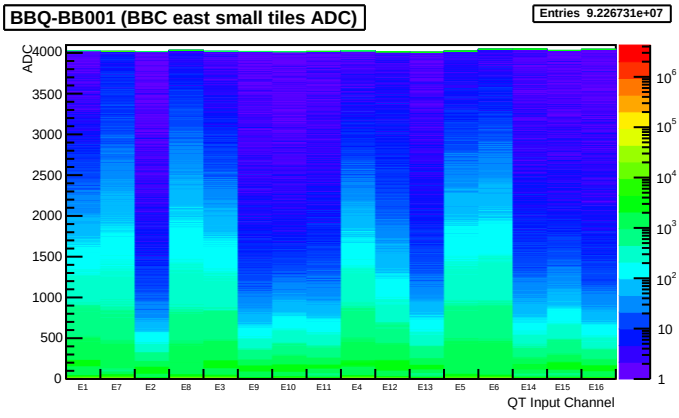

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.153341e+07
TAC sum
1st-Best
2nd-Best
ID

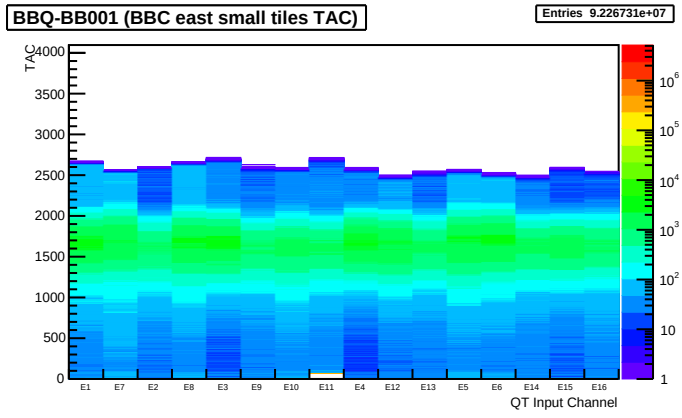

MIX-MT101 Input: VP003 Max TAC
Entries 5766707

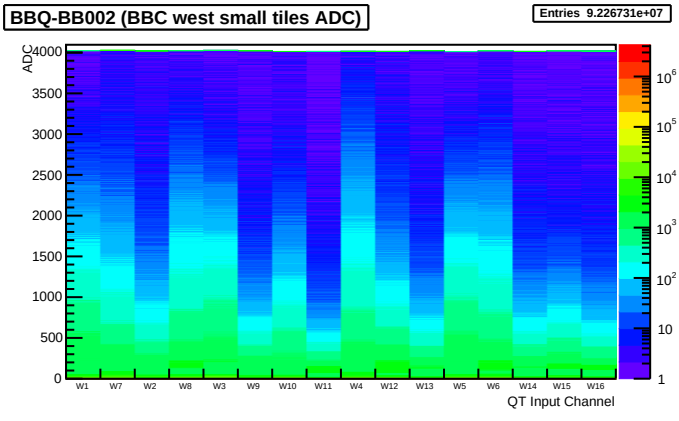

MIX-MT101 Input: VP004 Max TAC
Entries 5766707

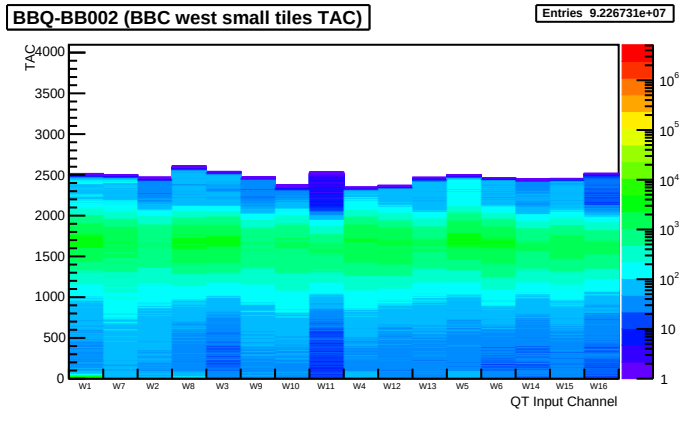

MXQ-PP001
Entries 9.226731e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

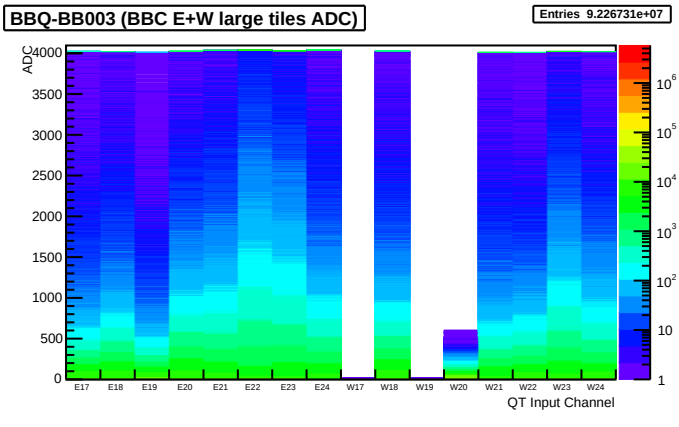

MXQ-PP001
Entries 9.226731e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

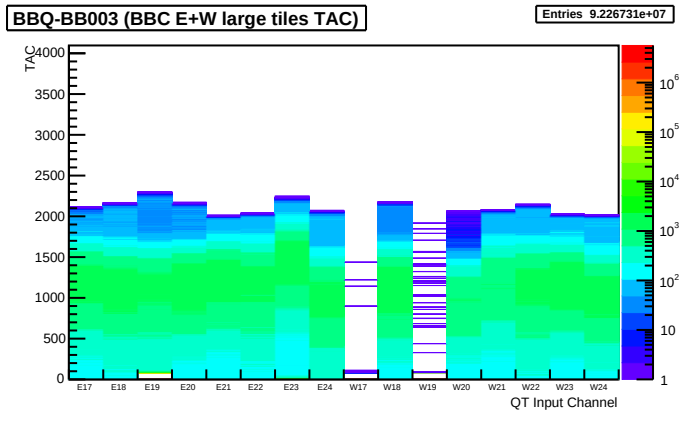

BBQ-BB001 (BBC east small tiles ADC)
Entries 9.226731e+07
ADC
QT Input Channel

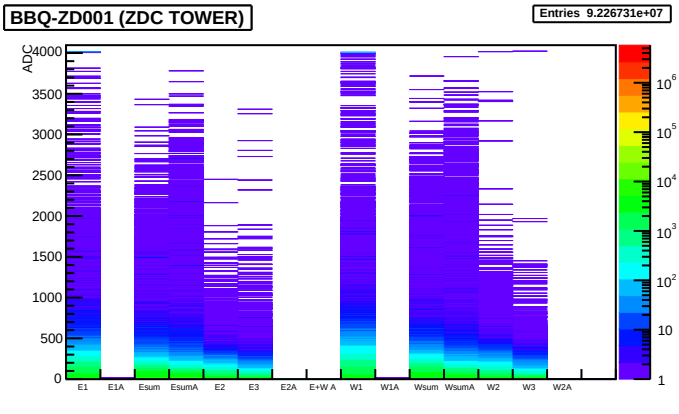

BBQ-BB001 (BBC east small tiles TAC)
Entries 9.226731e+07
TAC
QT Input Channel

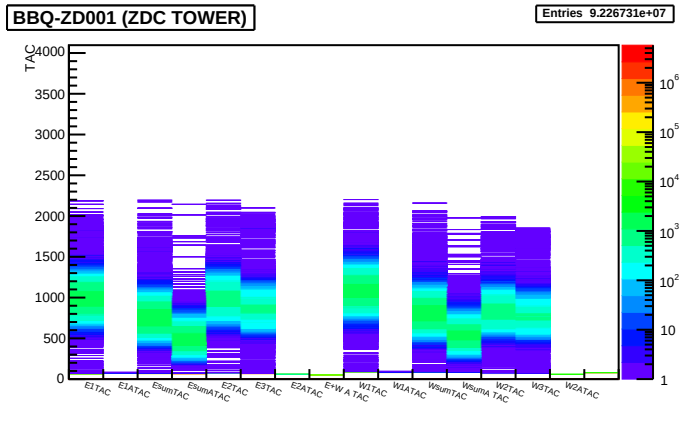

BBQ-BB002 (BBC west small tiles ADC)
Entries 9.226731e+07
ADC
QT Input Channel

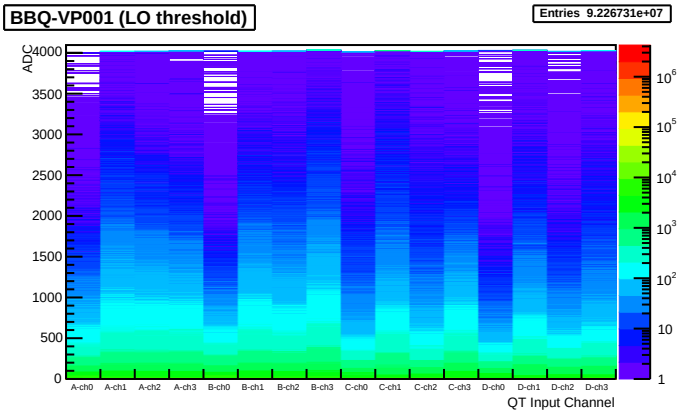

BBQ-BB002 (BBC west small tiles TAC)
Entries 9.226731e+07
TAC
QT Input Channel

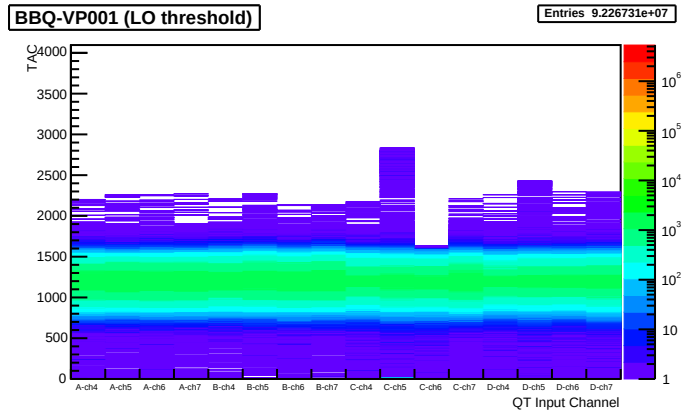

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.226731e+07
ADC
QT Input Channel

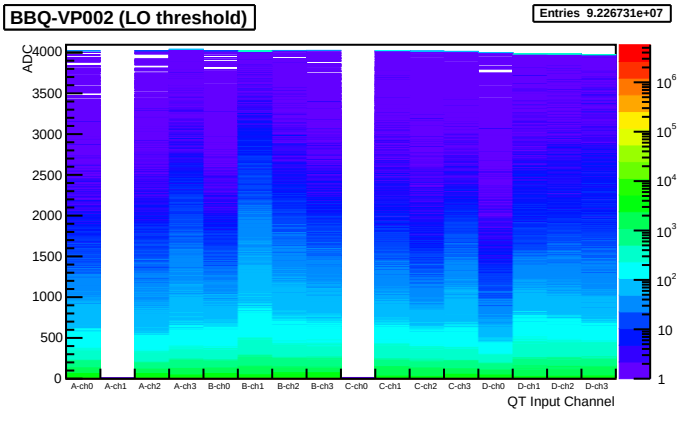

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.226731e+07
TAC
QT Input Channel

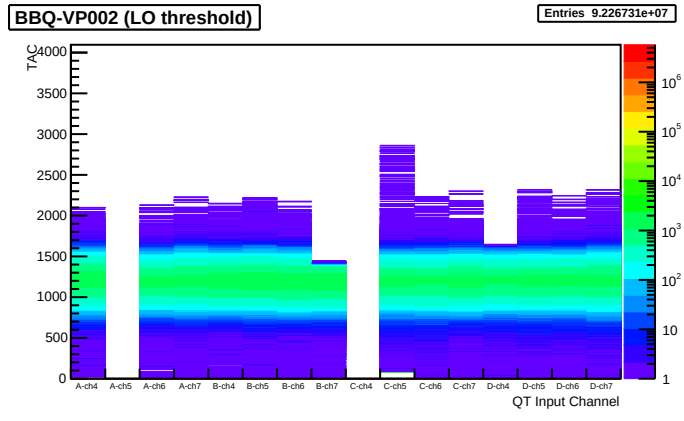

BBQ-ZD001 (ZDC TOWER)
Entries 9.226731e+07
ADC

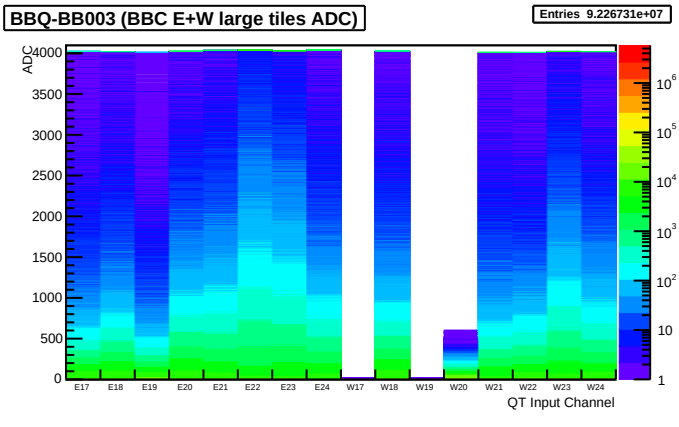

BBQ-ZD001 (ZDC TOWER)
Entries 9.226731e+07
TAC

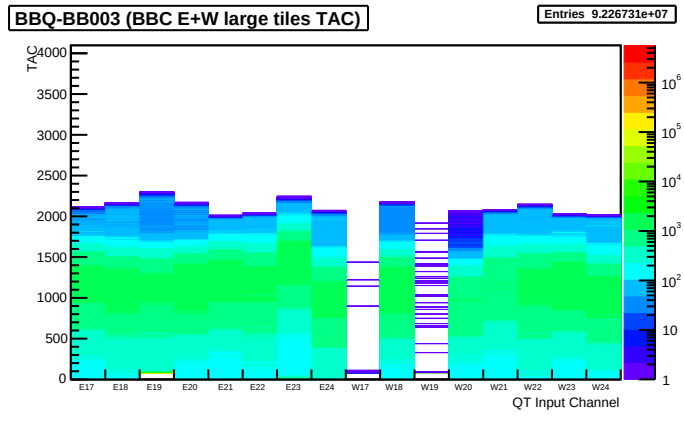

BBQ-VP001 (LO threshold)
Entries 9.226731e+07
ADC
QT Input Channel

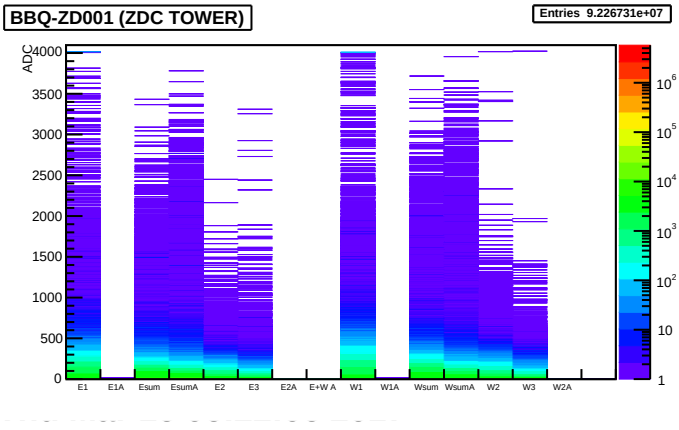

BBQ-VP001 (LO threshold)
Entries 9.226731e+07
TAC
QT Input Channel

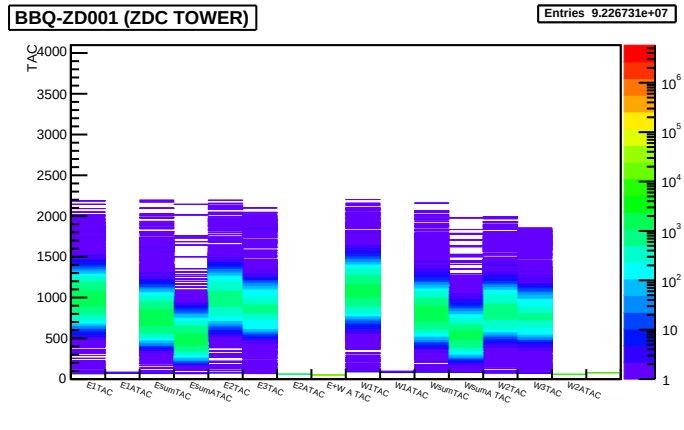

BBQ-VP002 (LO threshold)
Entries 9.226731e+07
ADC
QT Input Channel

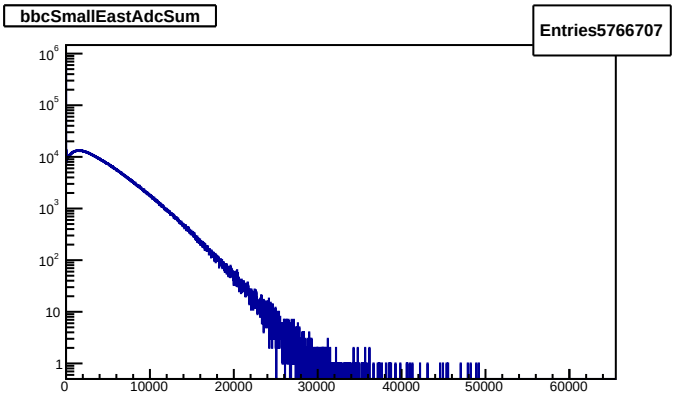

BBQ-VP002 (LO threshold)
Entries 9.226731e+07
TAC
QT Input Channel

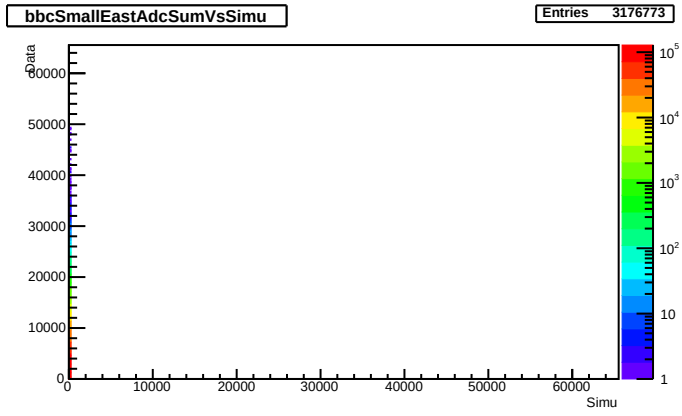

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.226731e+07
ADC
QT Input Channel

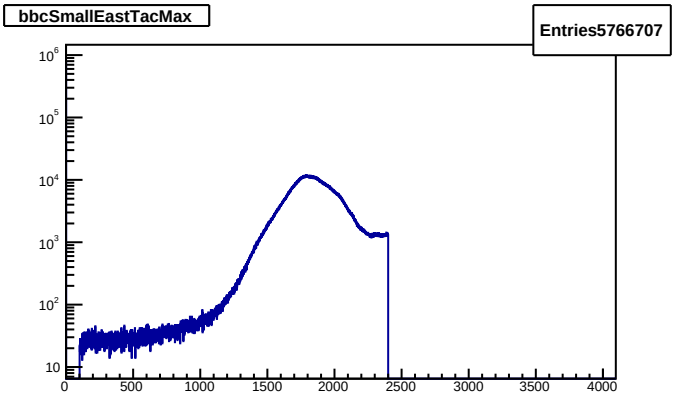

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.226731e+07
TAC
QT Input Channel

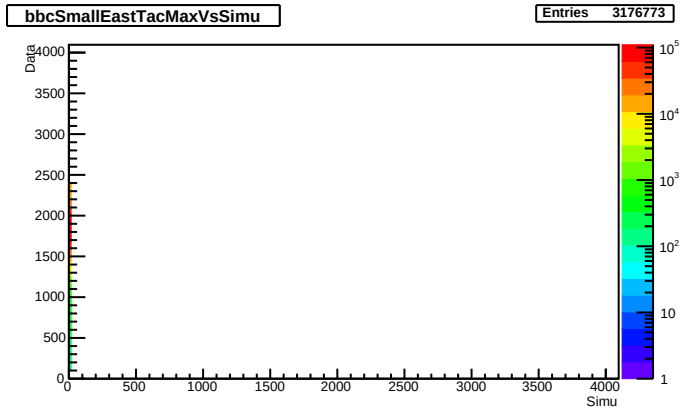

BBQ-ZD001 (ZDC TOWER)
Entries 9.226731e+07
ADC

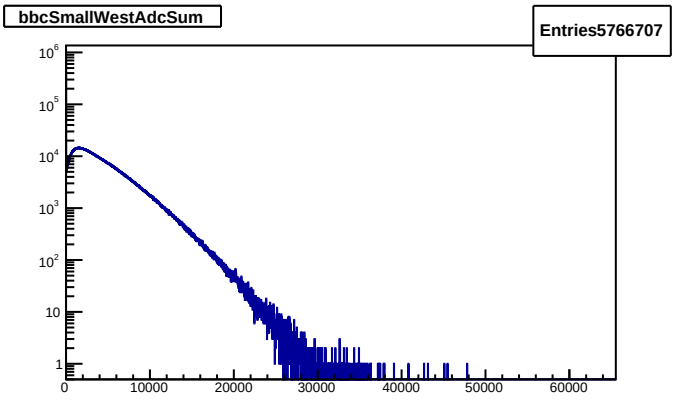

BBQ-ZD001 (ZDC TOWER)
Entries 9.226731e+07
TAC

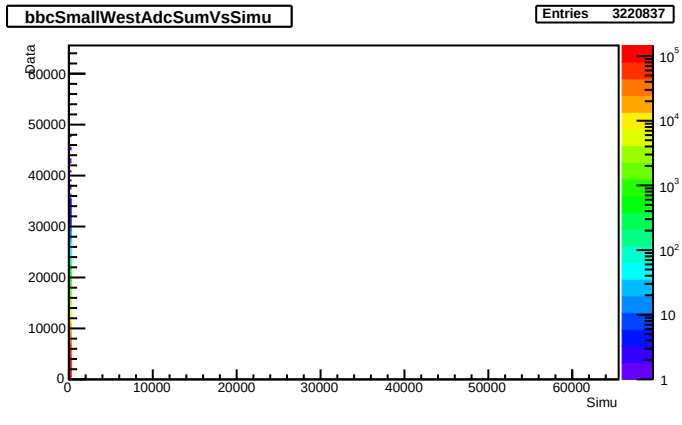

bbcSmallEastAdcSum
Entries5766707

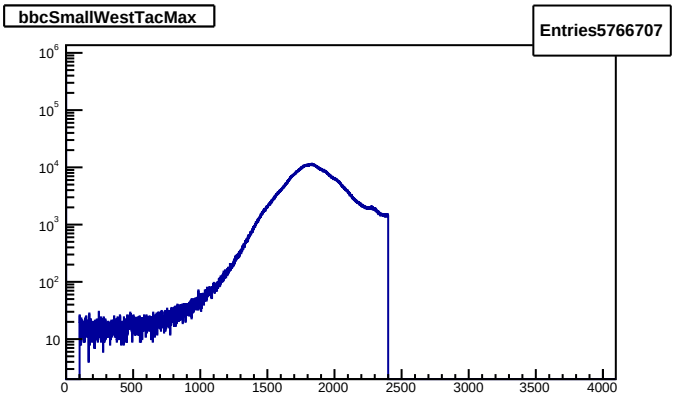

bbcSmallEastAdcSumVsSimu
Entries 3176773
Data
Simu

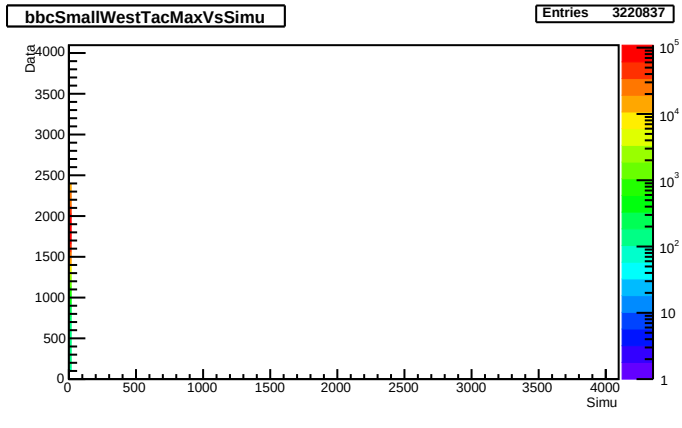

bbcSmallEastTacMax
Entries5766707

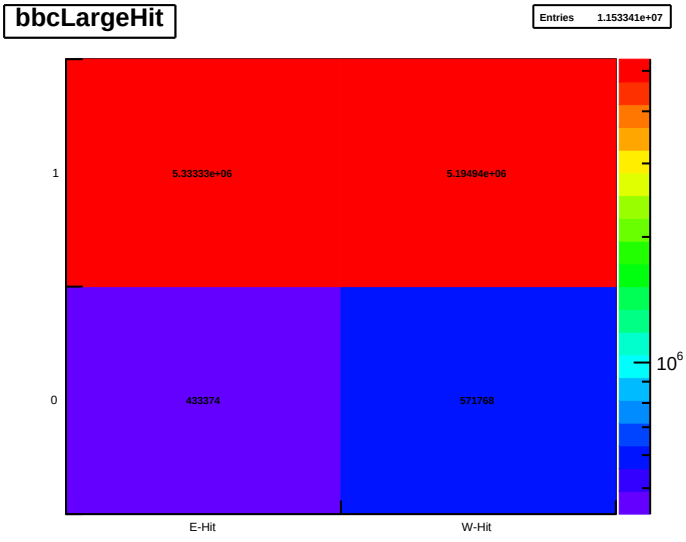

bbcSmallEastTacMaxVsSimu
Entries 3176773
Data
Simu

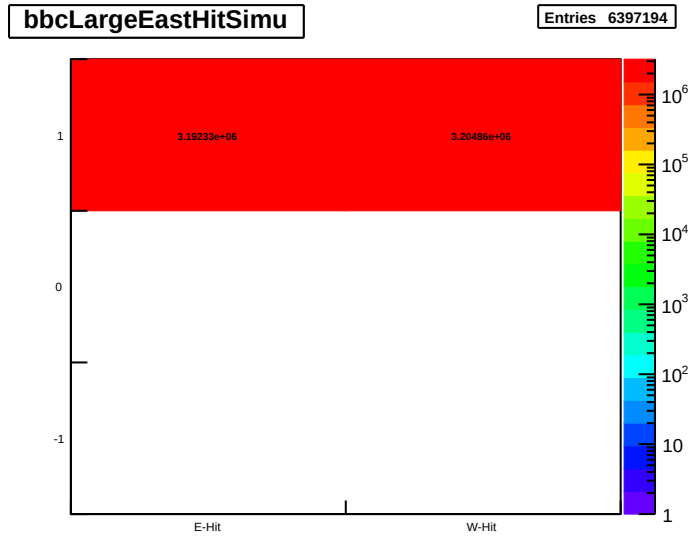

bbcSmallWestAdcSum
Entries5766707

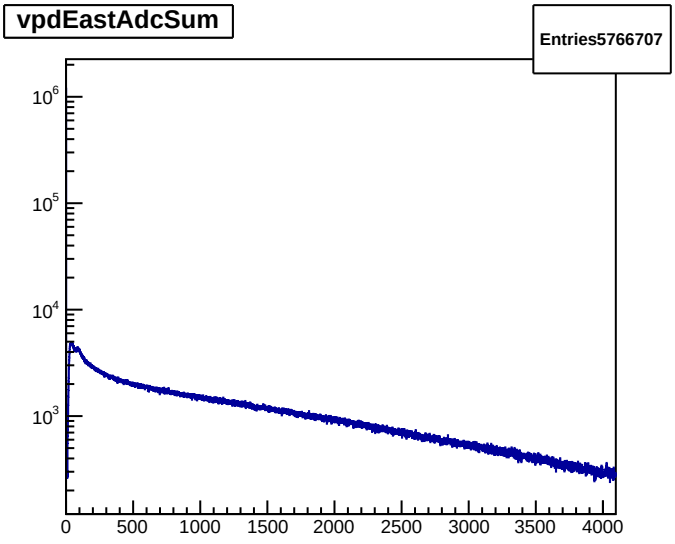

bbcSmallWestAdcSumVsSimu
Entries 3220837
Data
Simu

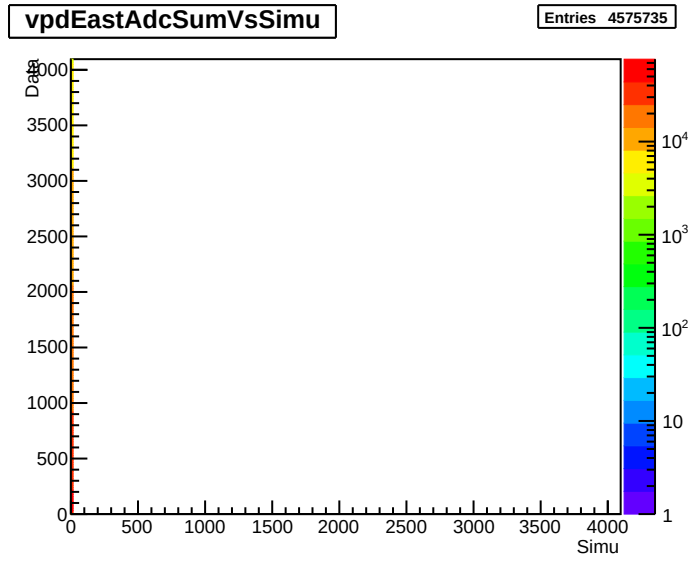

bbcSmallWestTacMax
Entries5766707

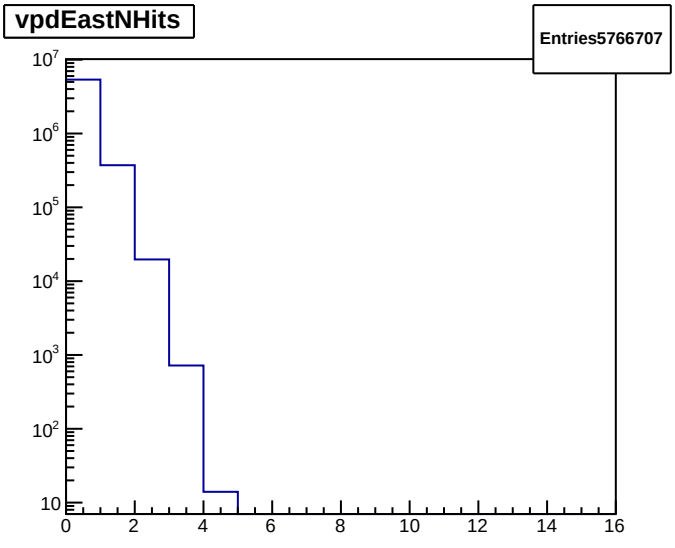

bbcSmallWestTacMaxVsSimu
Entries 3220837
Data
Simu

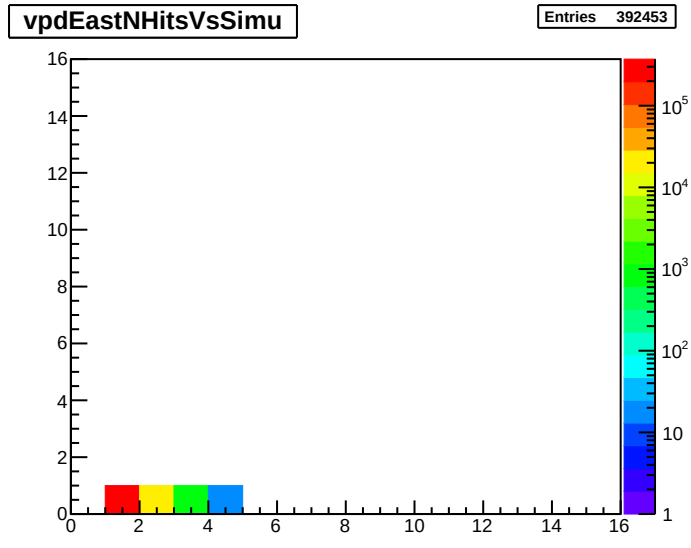

bbcLargeHit
Entries 1.153341e+07
5.33333e+06
5.19494e+06
433374
571768
1
0
E-Hit
W-Hit
10^6

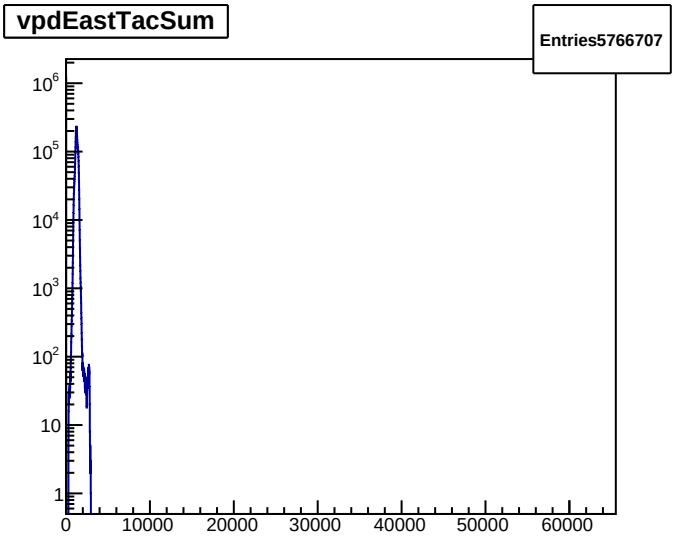

bbcLargeEastHitSimu
Entries 6397194
3.19233e+06
3.20486e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

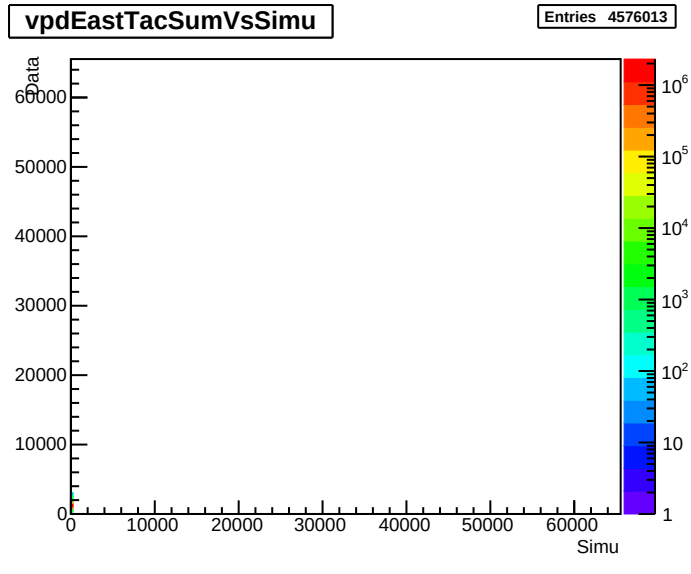

vpdEastAdcSum
Entries5766707

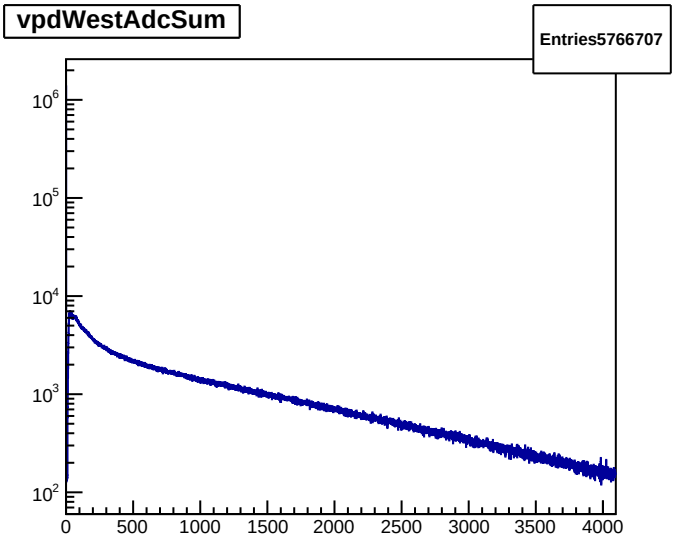

vpdEastAdcSumVsSimu
Entries 4575735
Data
Simu

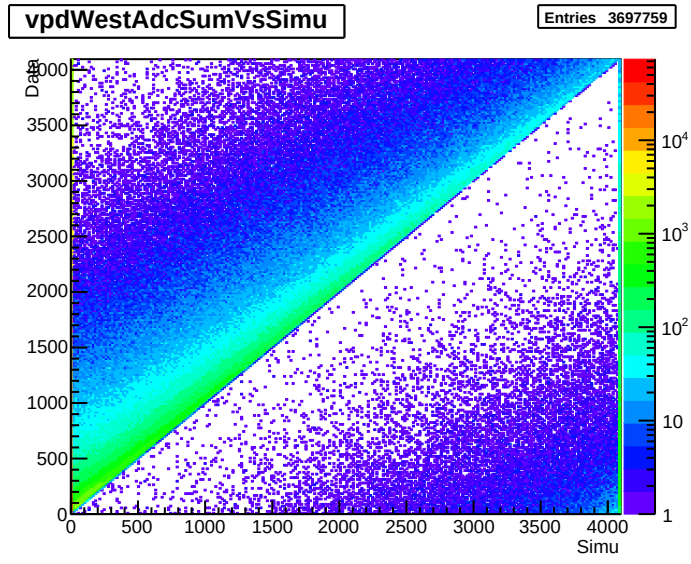

vpdEastNHits
Entries5766707

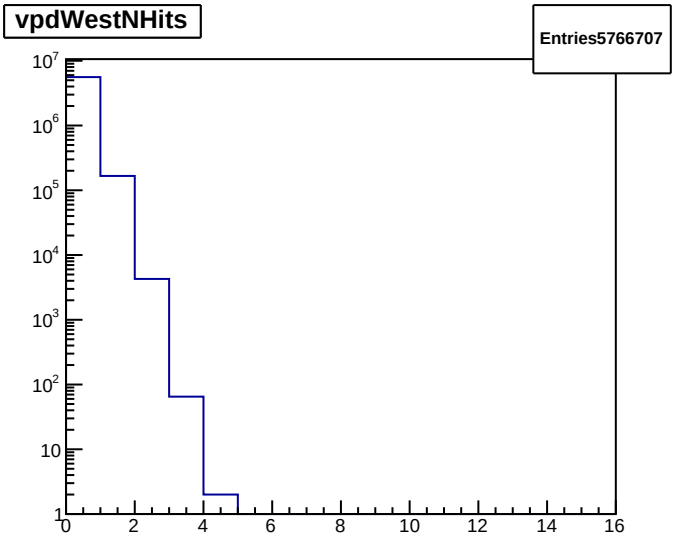

vpdEastNHitsVsSimu
Entries 392453

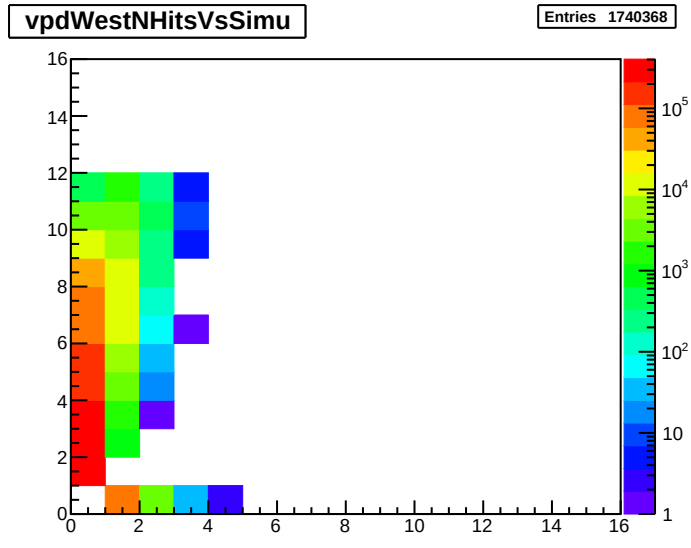

vpdEastTacSum
Entries5766707

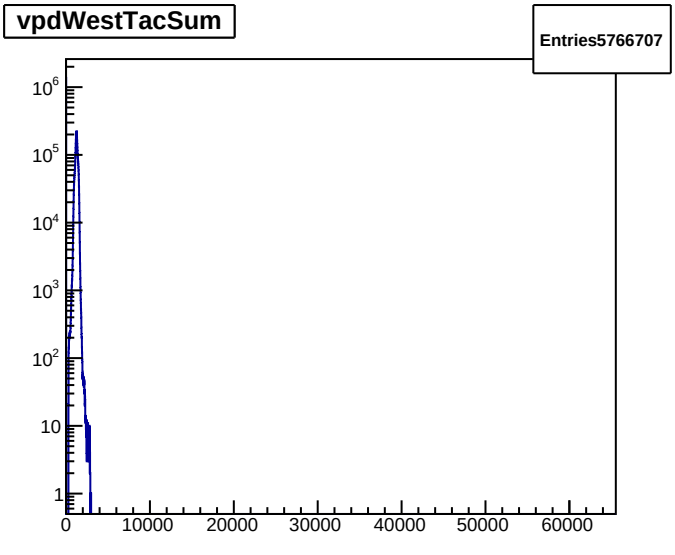

vpdEastTacSumVsSimu
Entries 4576013
Data
Simu

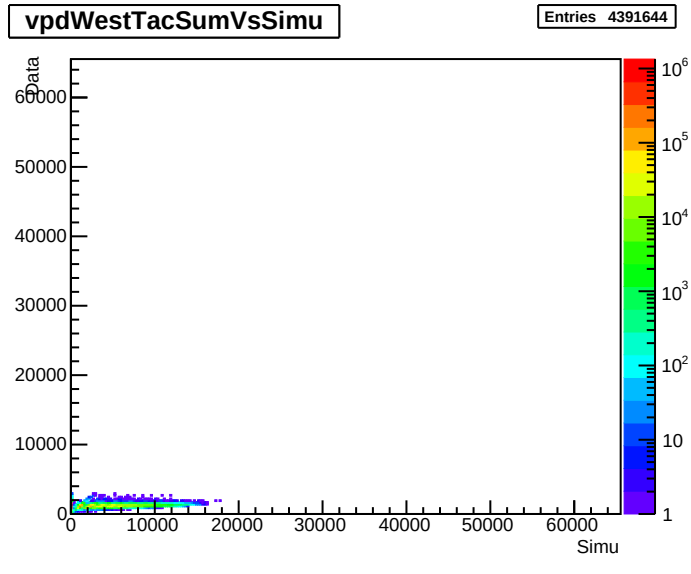

vpdWestAdcSum
Entries5766707

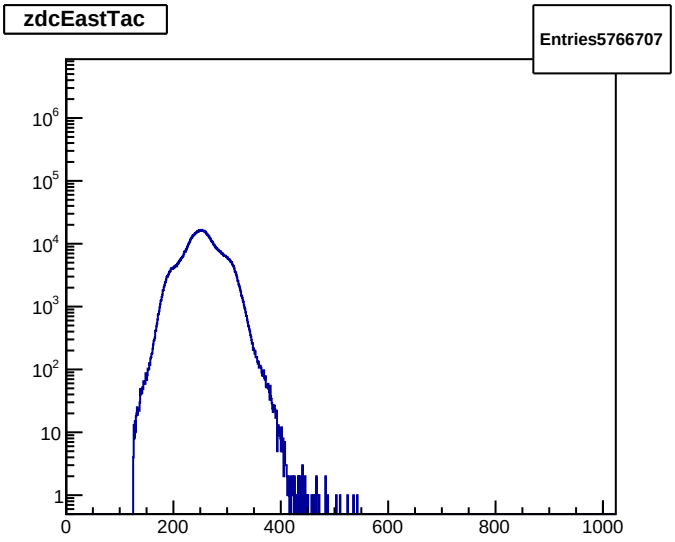

vpdWestAdcSumVsSimu
Entries 3697759
Data
Simu

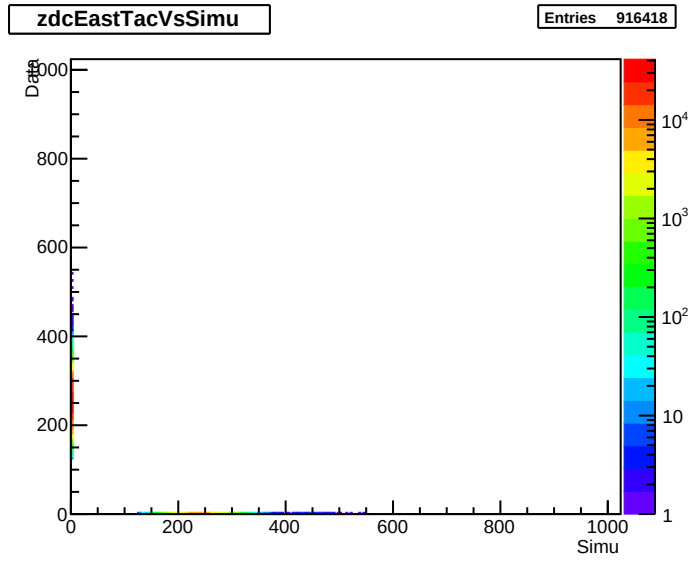

vpdWestNHits
Entries5766707

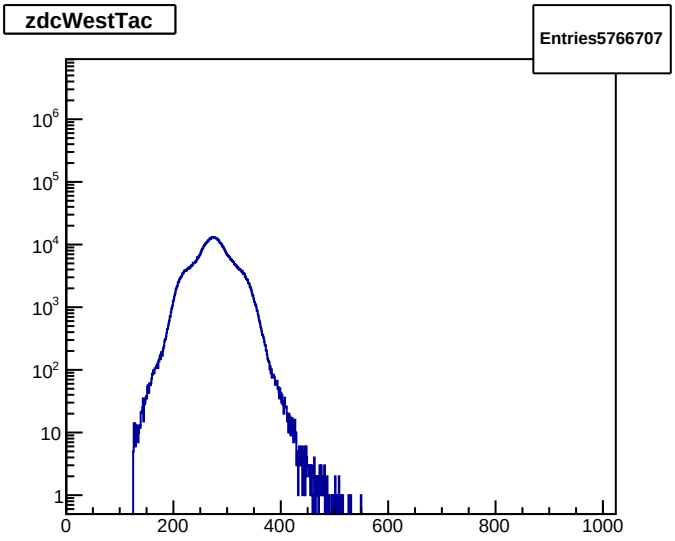

vpdWestNHitsVsSimu
Entries 1740368

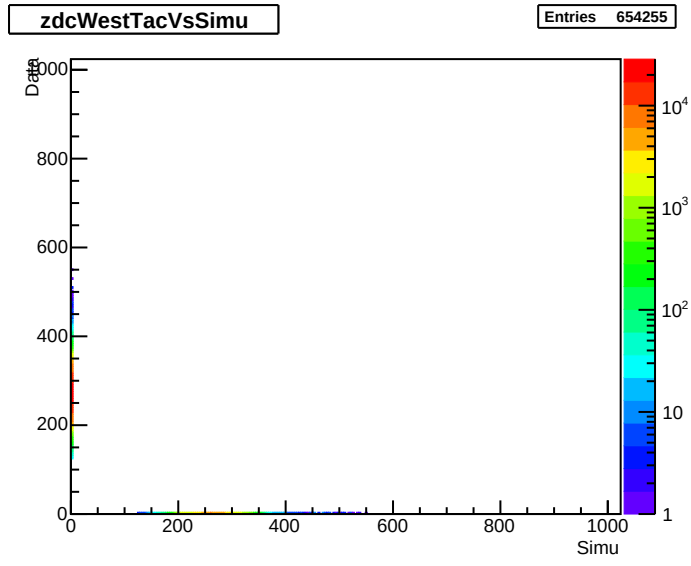

vpdWestTacSum
Entries5766707

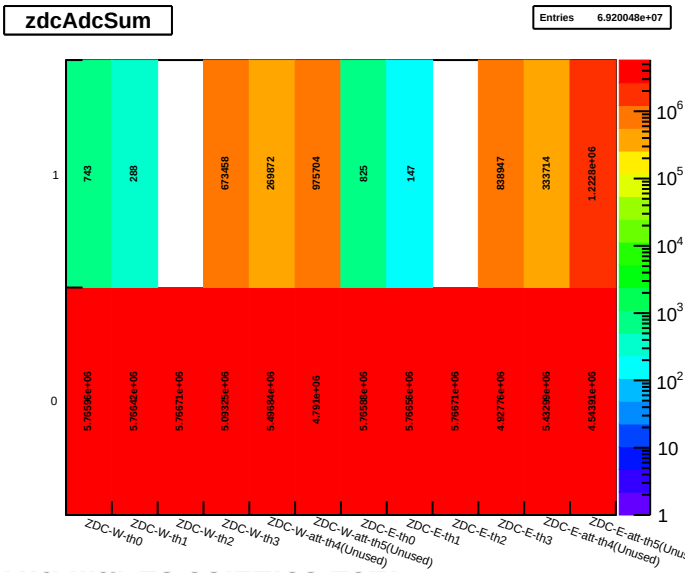

vpdWestTacSumVsSimu
Entries 4391644
Data
Simu

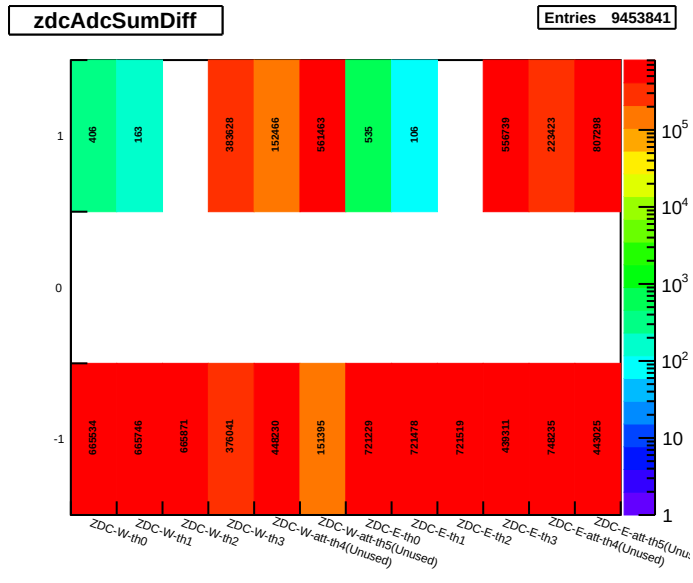

zdcEastTac
Entries5766707

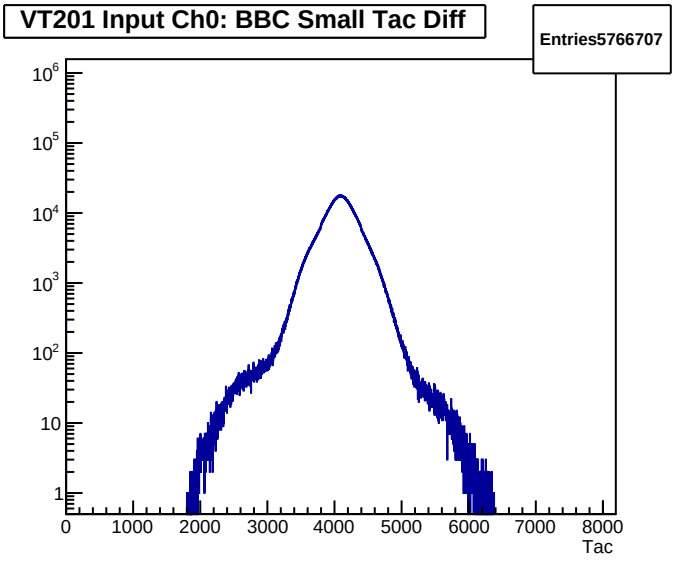

zdcEastTacVsSimu
Entries 916418
Data
Simu

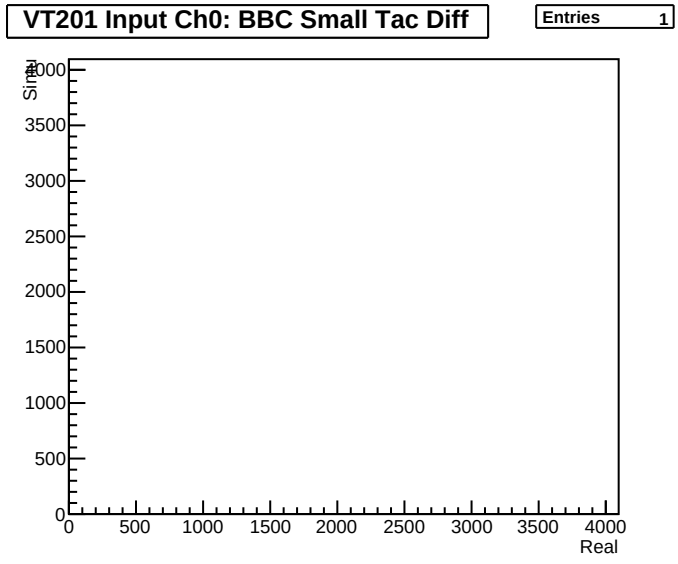

zdcWestTac
Entries5766707

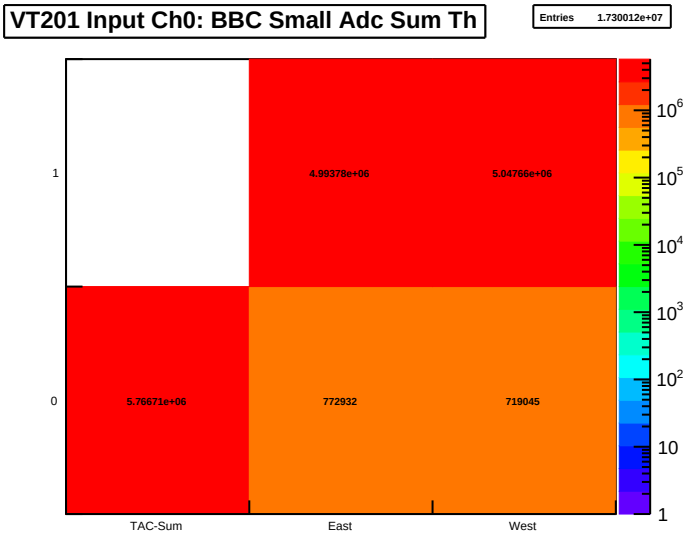

zdcWestTacVsSimu
Entries 654255
Data
Simu

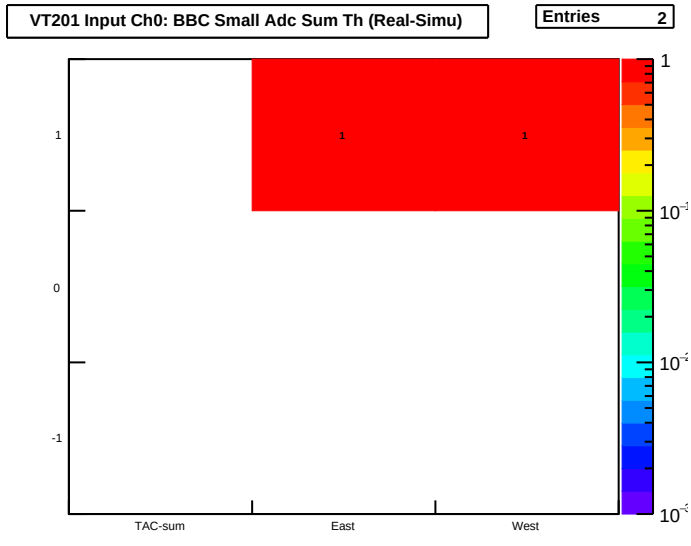

zdcAdcSum
Entries 6.920048e+07
743
288
673458
269872
975704
825
147
838947
333714
1.2228e+06
5.76596e+06
5.76642e+06
5.76671e+06
5.09325e+06
5.49684e+06
4.791e+06
5.76588e+06
5.76656e+06
5.76671e+06
4.92776e+06
5.43299e+06
4.54391e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

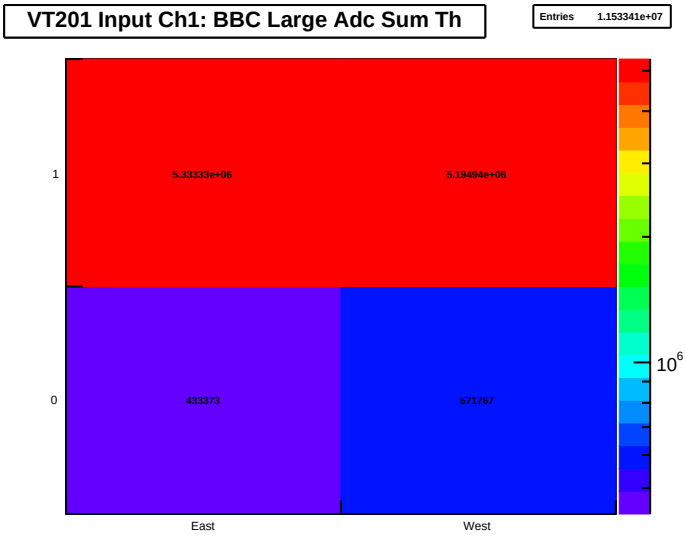

zdcAdcSumDiff
Entries 9453841
406
163
383628
152466
561463
535
106
556739
223423
807298
665534
665746
665871
376041
448230
151395
721229
721478
721519
439311
748235
443025
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

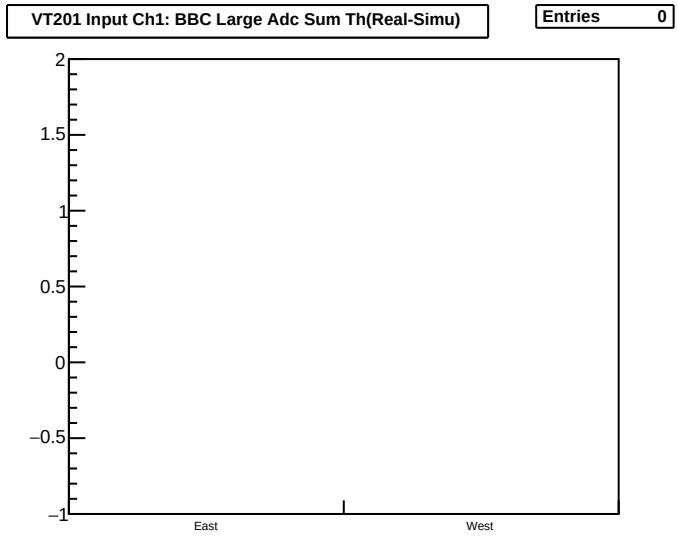

VT201 Input Ch0: BBC Small Tac Diff
Entries5766707
Tac


VT201 Input Ch0: BBC Small Tac Diff
Entries 1
Simu
Real

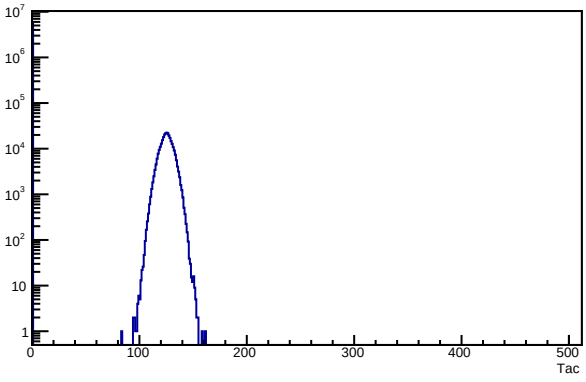

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.730012e+07
4.99378e+06
5.04766e+06
5.76671e+06
772932
719045
TAC-Sum
East
West


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 2
1
1
TAC-sum
East
West

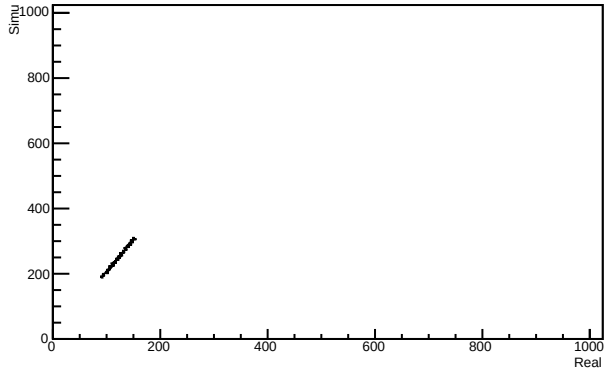

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.153341e+07
5.33333e+06
5.19494e+06
433373
571767
East
West


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

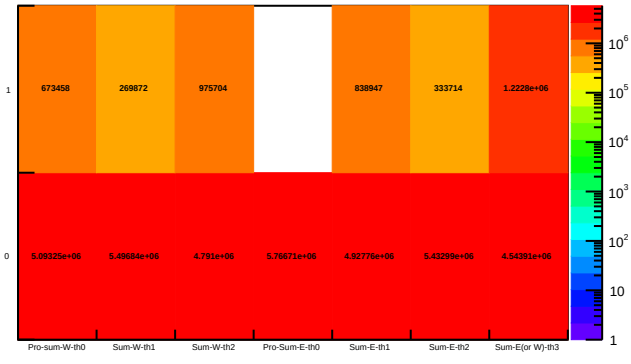
VT201 Input Ch2: ZDC Tac Diff



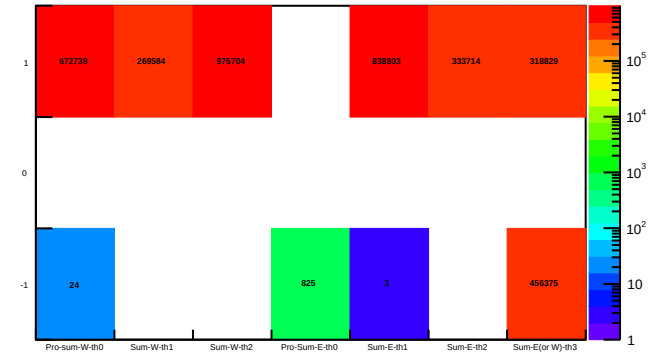
VT201 Input Ch2: ZDC Tac Diff



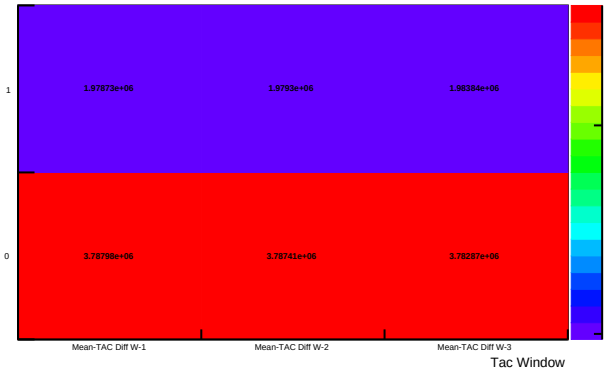
VT201 Input Ch2: ZDC Adc Sum Th



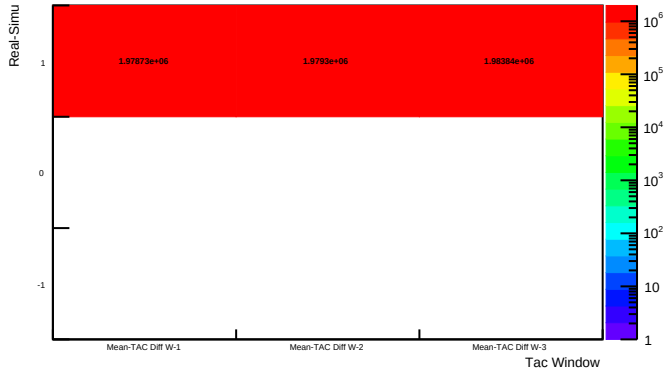
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



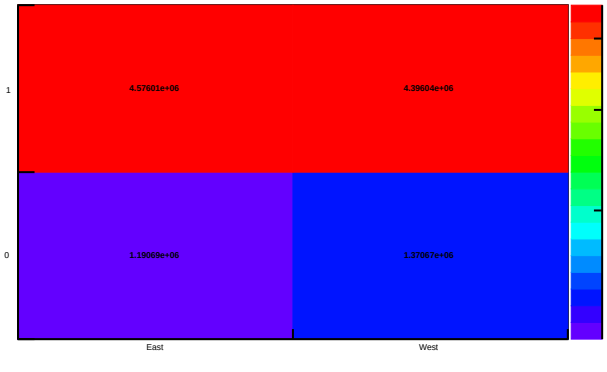
VT201 Input Ch4: VPD Tac Diff



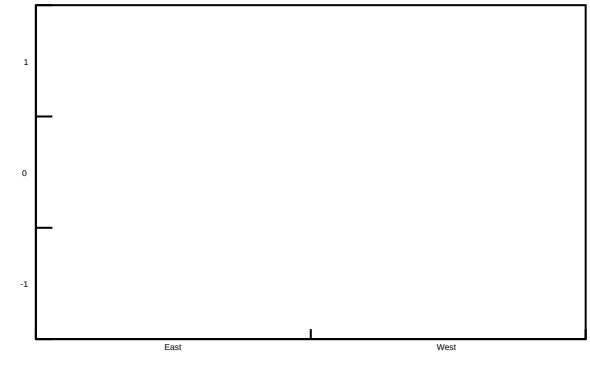
VT201 Input Ch4: VPD Tac Diff

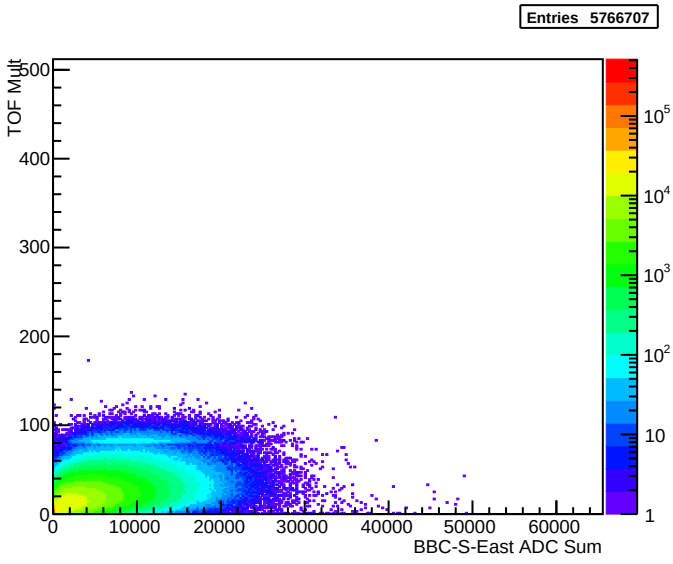


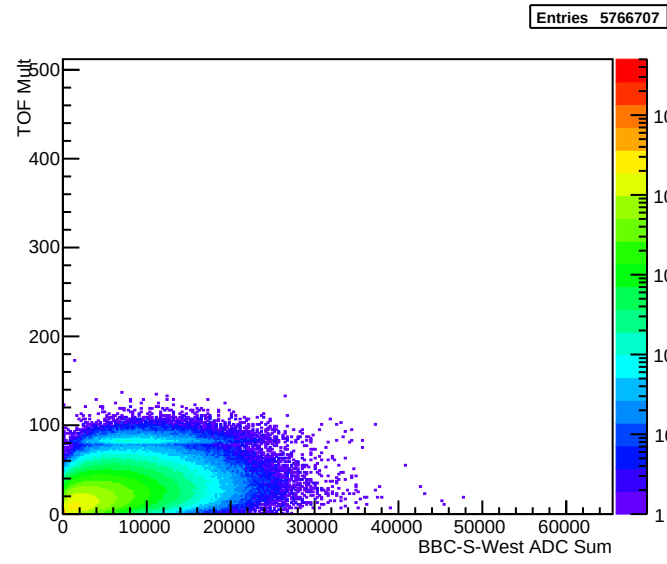
VT201 Input Ch4: VPD Adc Sum Th

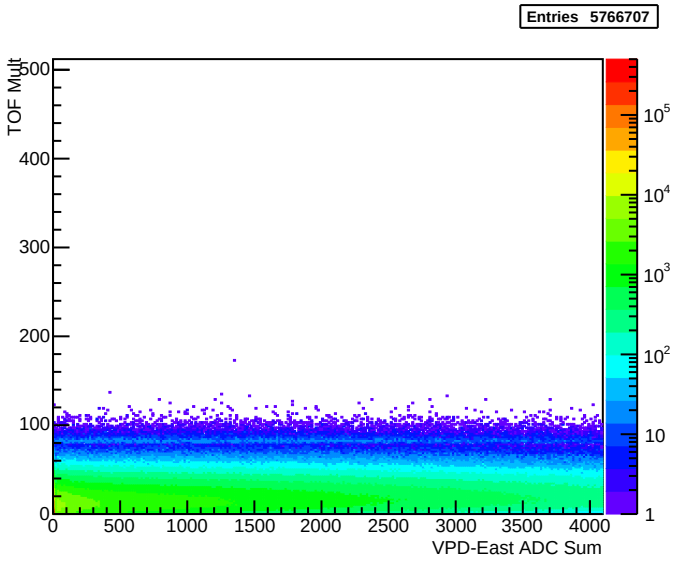


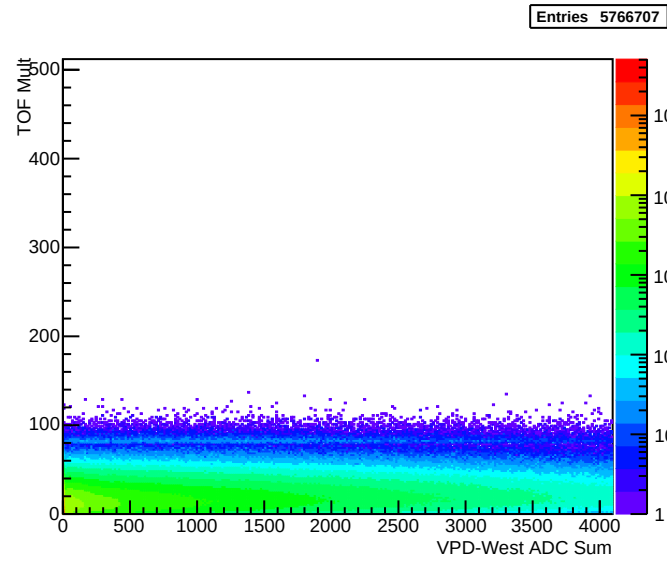
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

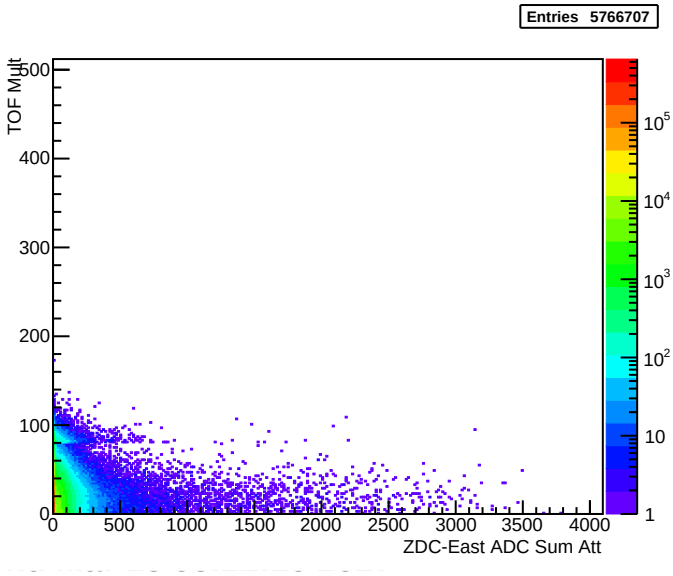


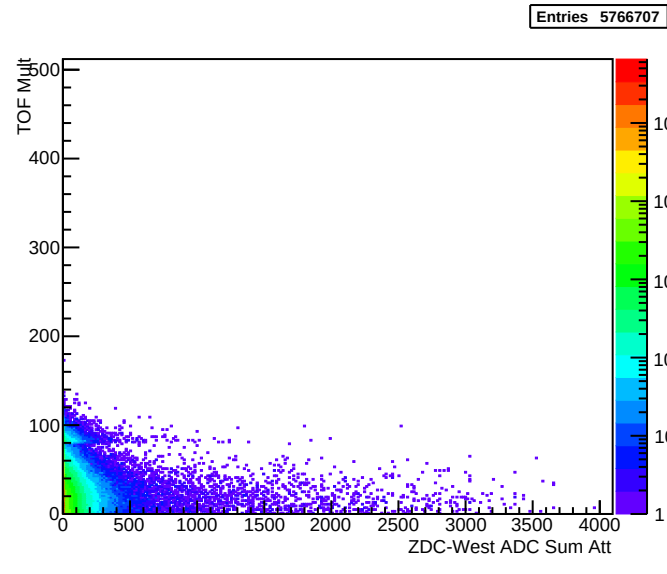

Entries 5766707
TOF Mult
BBC-S-East ADC Sum

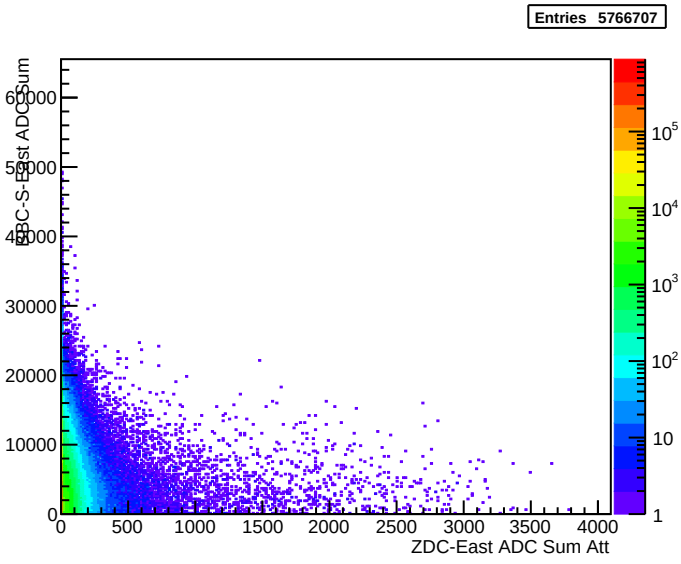

Entries 5766707
TOF Mult
BBC-S-West ADC Sum

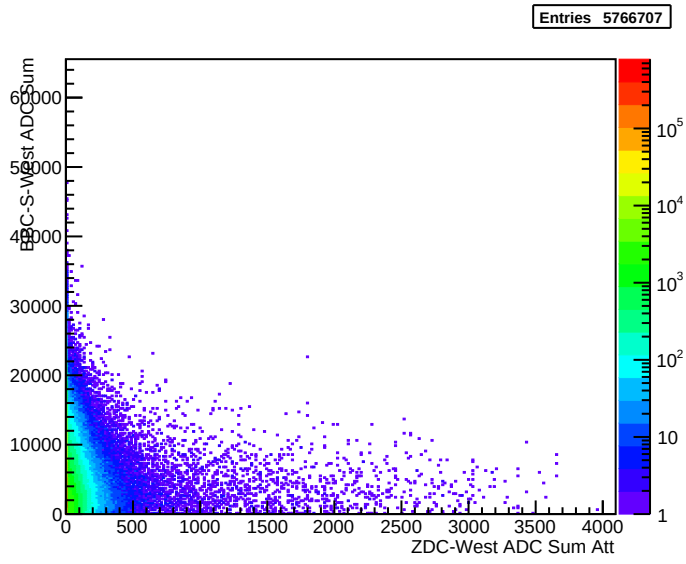

Entries 5766707
TOF Mult
VPD-East ADC Sum

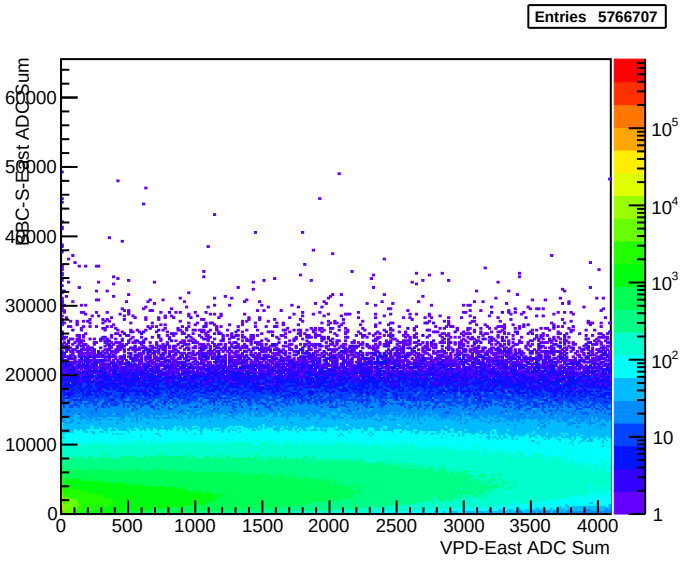

Entries 5766707
TOF Mult
VPD-West ADC Sum

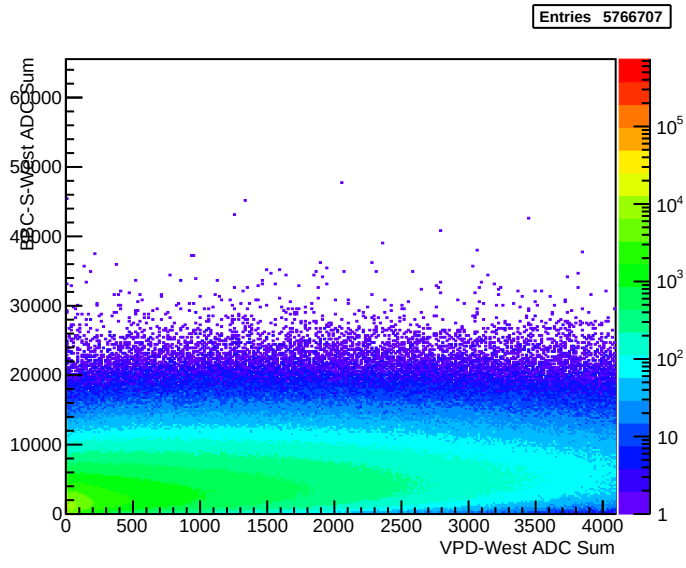

Entries 5766707
TOF Mult
ZDC-East ADC Sum Att

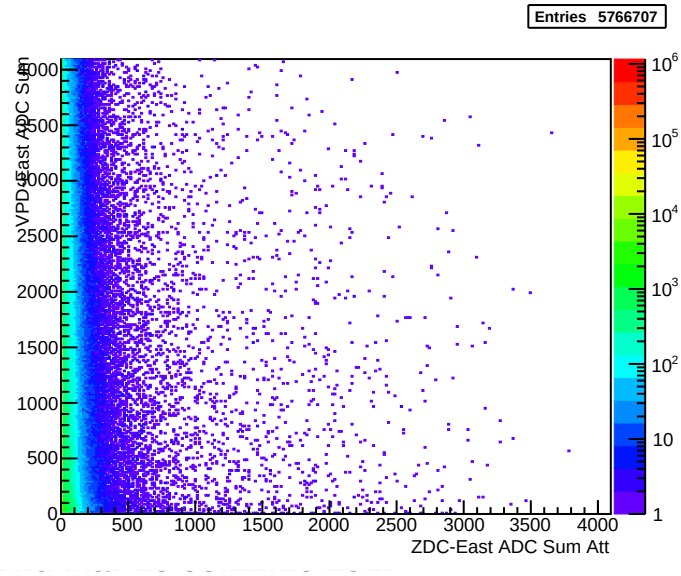

Entries 5766707
TOF Mult
ZDC-West ADC Sum Att

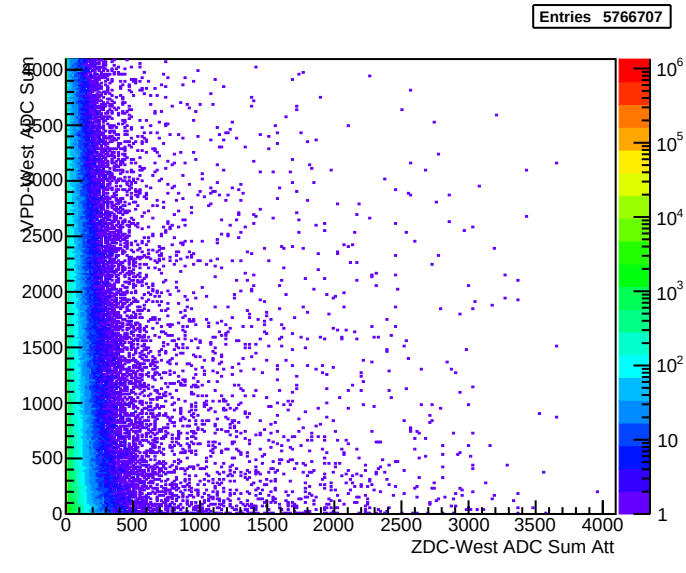

Entries 5766707
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

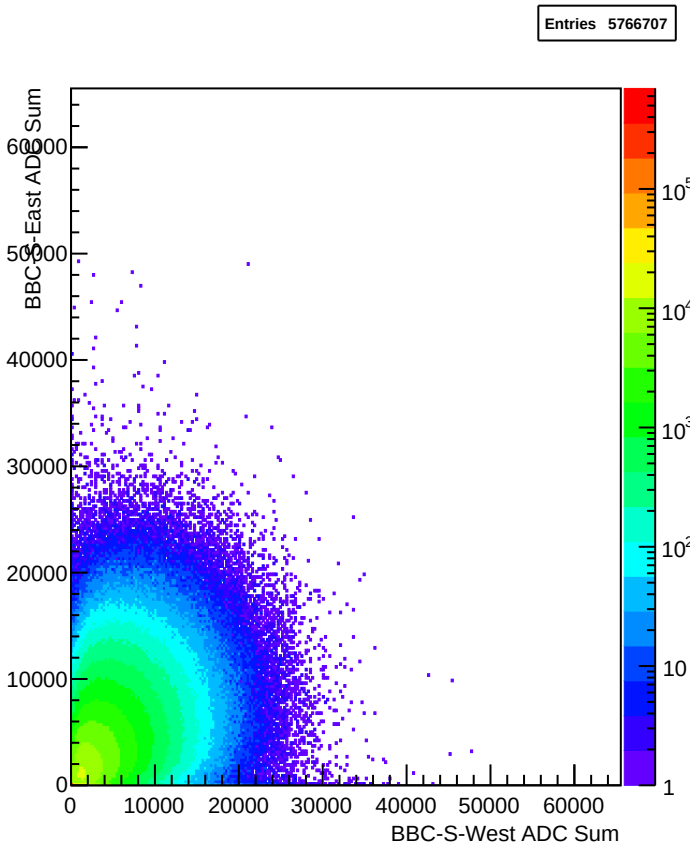

Entries 5766707
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

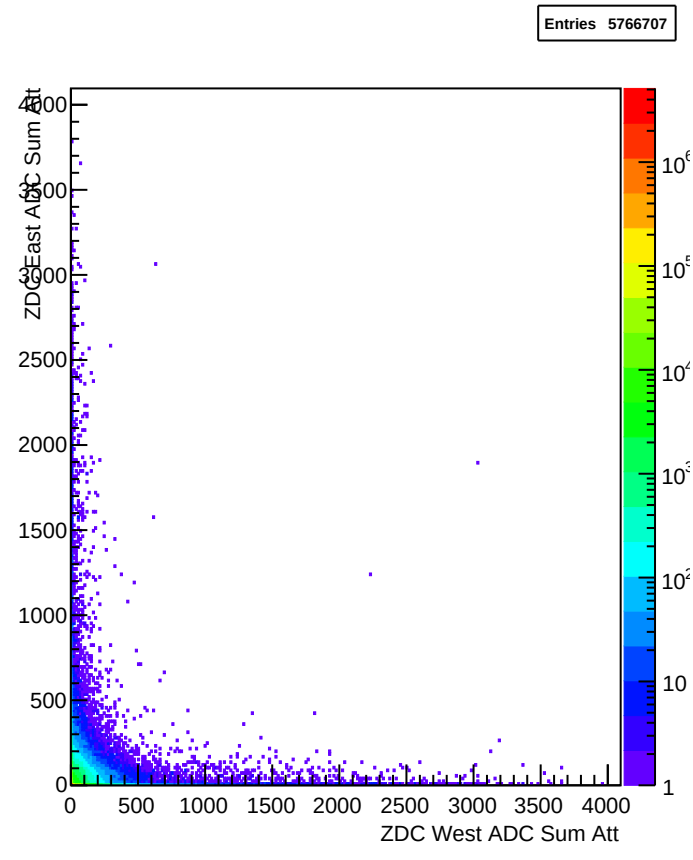

Entries 5766707
BBC-S-East ADC Sum
VPD-East ADC Sum

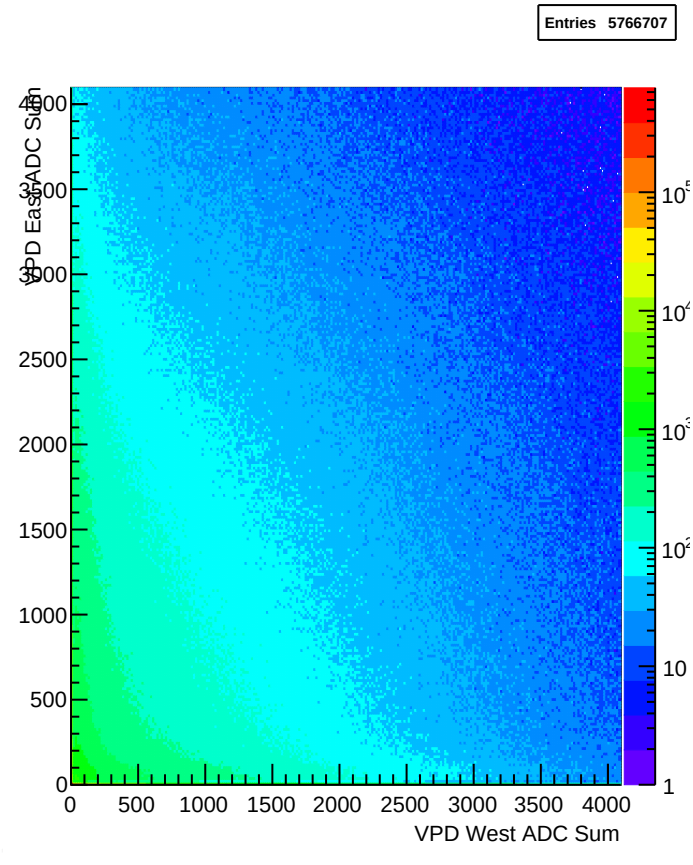

Entries 5766707
BBC-S-West ADC Sum
VPD-West ADC Sum

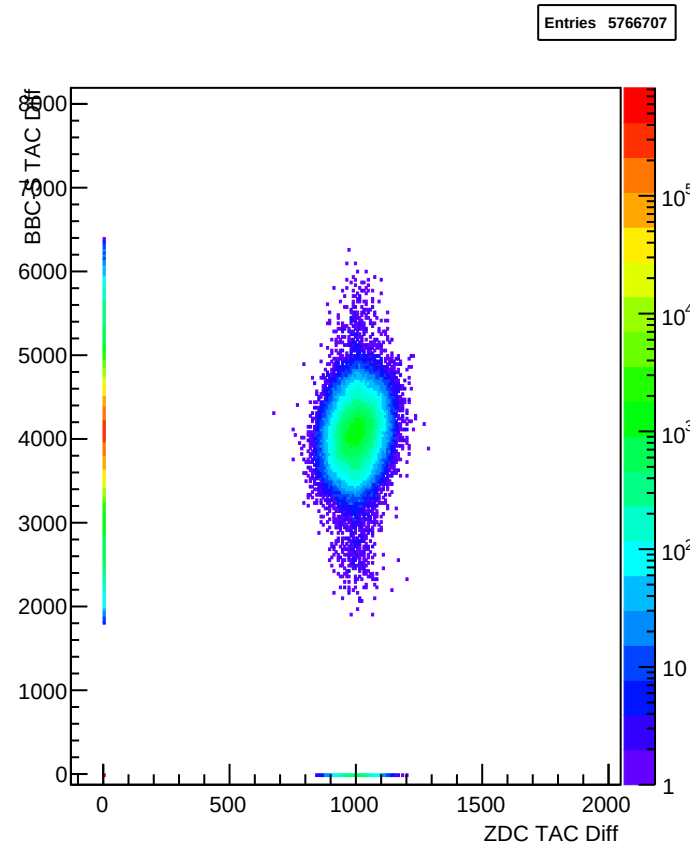

Entries 5766707
VPD-East ADC Sum
ZDC-East ADC Sum Att

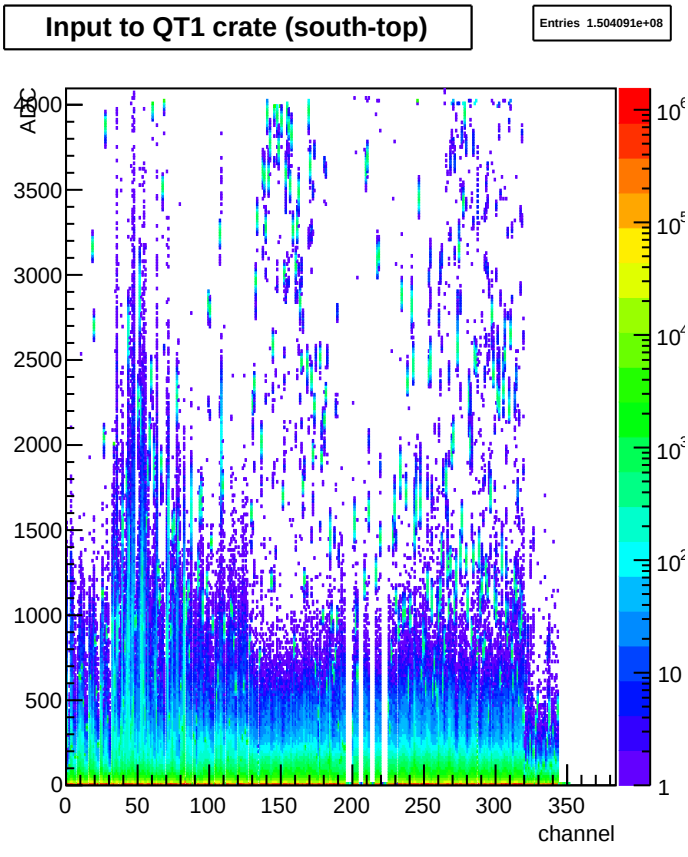

Entries 5766707
VPD-West ADC Sum
ZDC-West ADC Sum Att

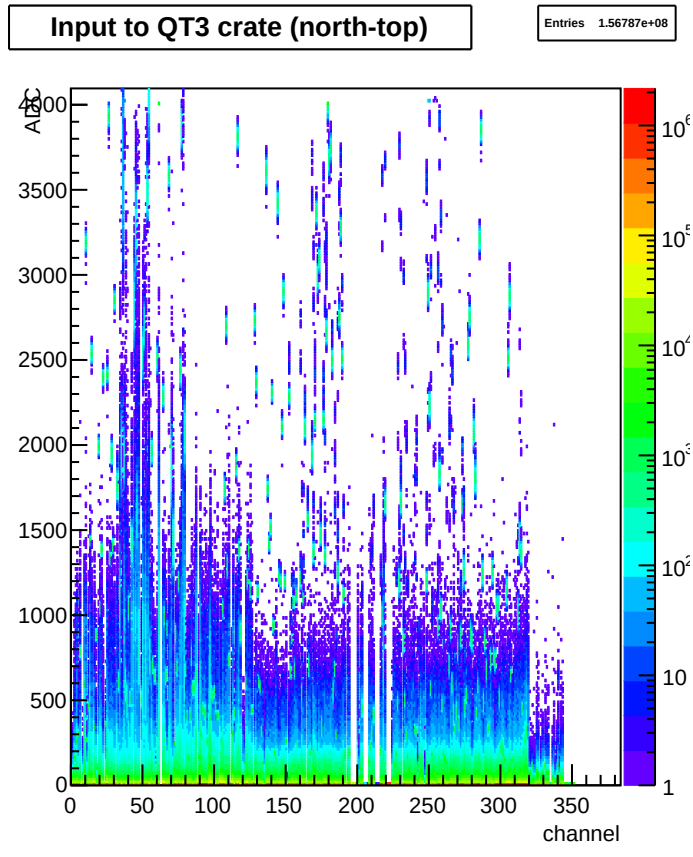

Entries 5766707
BBC-S-East ADC Sum
BBC-S-West ADC Sum

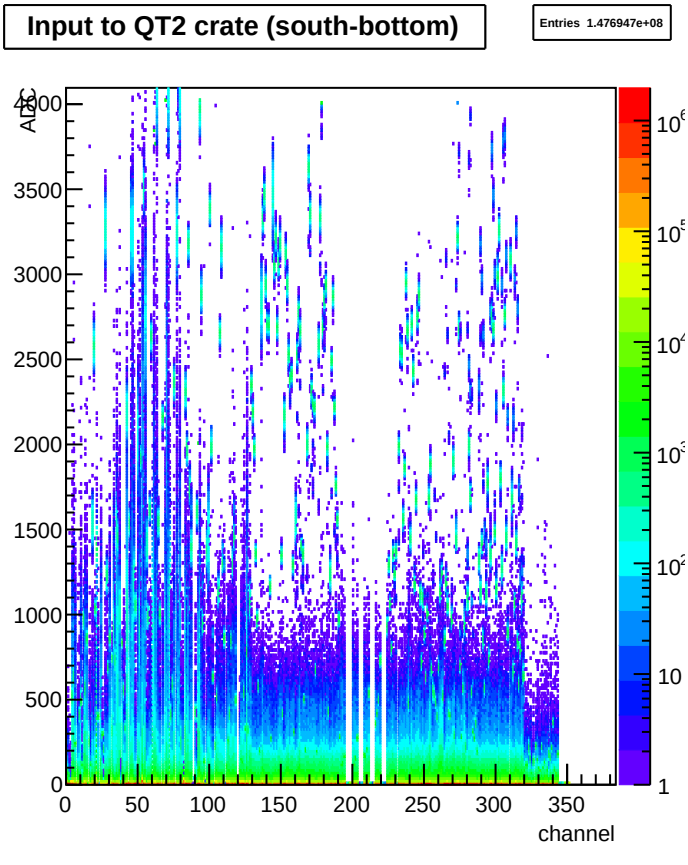

Entries 5766707
ZDC East ADC Sum Att
ZDC West ADC Sum Att

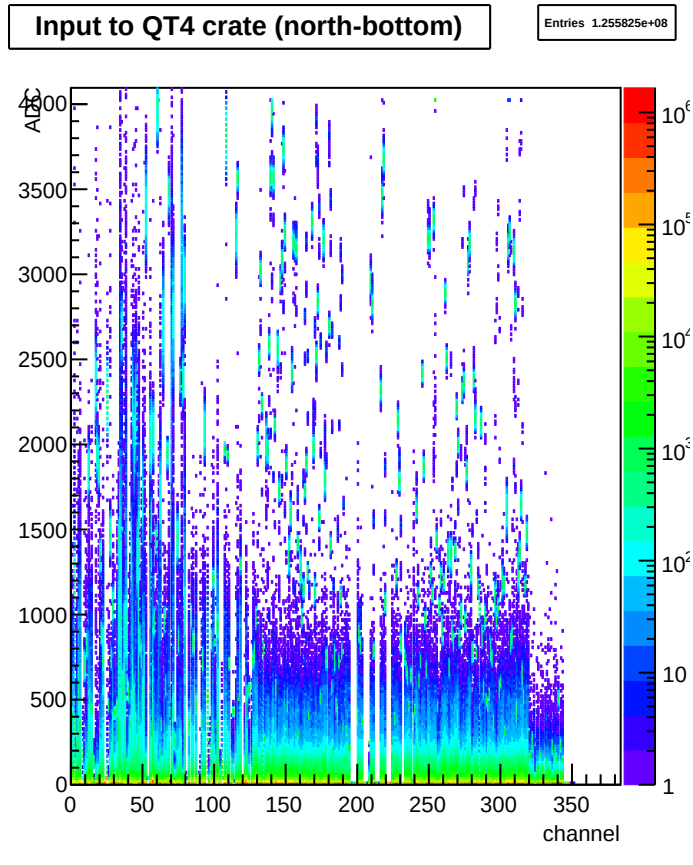

Entries 5766707
VPD East ADC Sum
VPD West ADC Sum

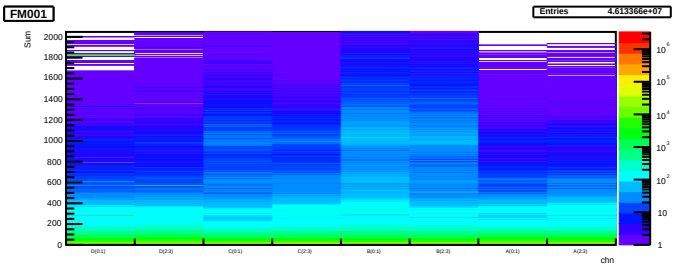

Entries 5766707
BBC-S TAC Diff
ZDC TAC Diff

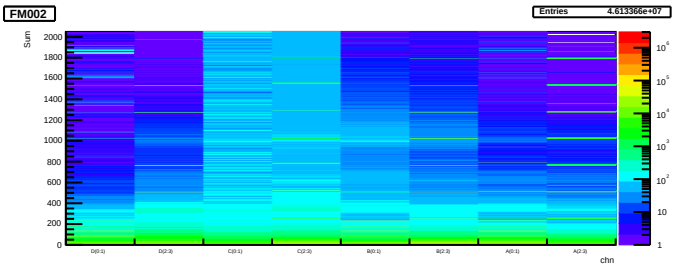

Input to QT1 crate (south-top)
Entries 1.504091e+08
ADC
channel

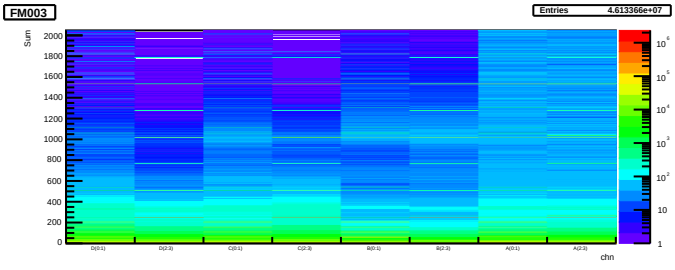

Input to QT3 crate (north-top)
Entries 1.56787e+08
ADC
channel

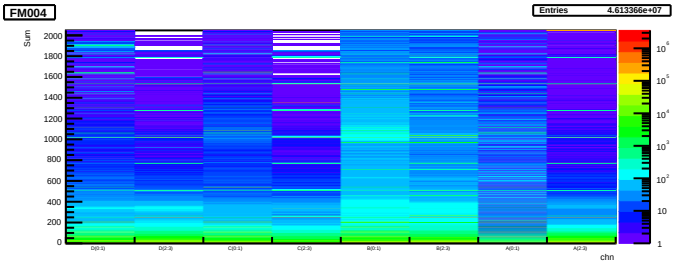

Input to QT2 crate (south-bottom)
Entries 1.476947e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.255825e+08
ADC
channel


FM001
Entries 4.613366e+07
Sum
chn


FM002
Entries 4.613366e+07
Sum
chn


FM003
Entries 4.613366e+07
Sum
chn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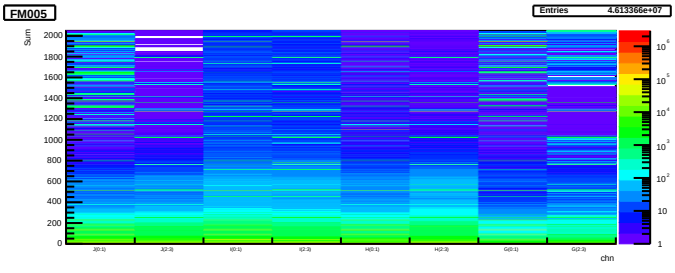
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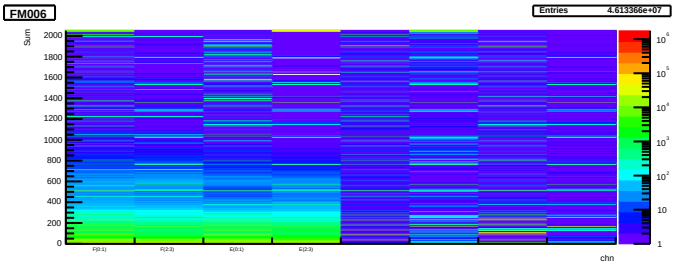
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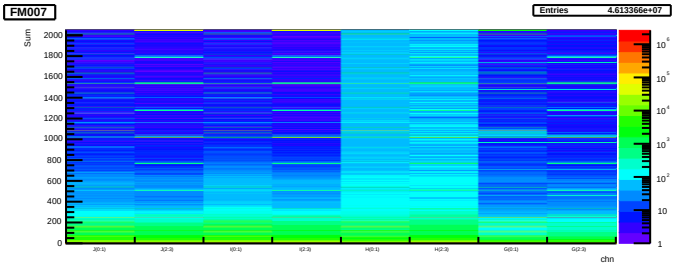
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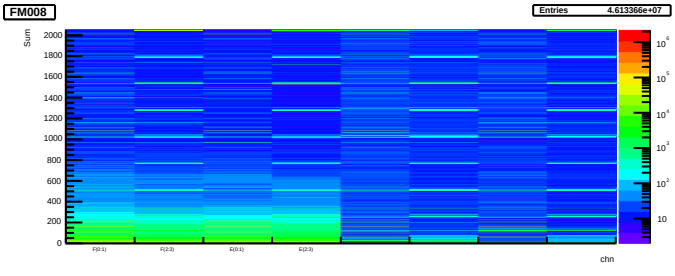
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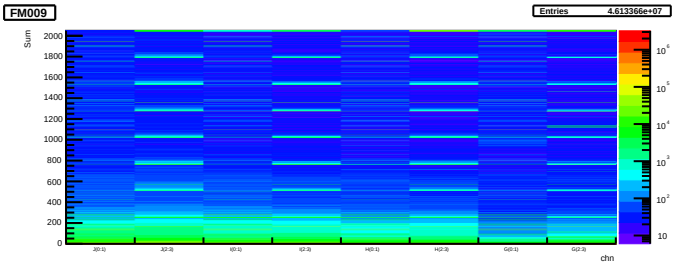
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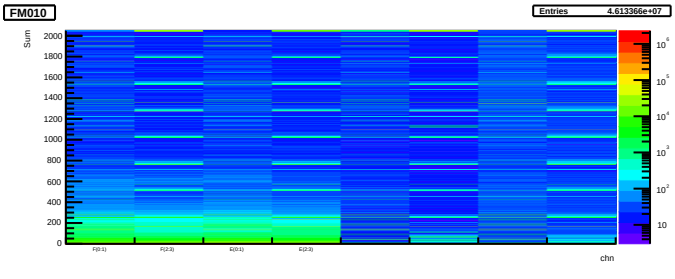
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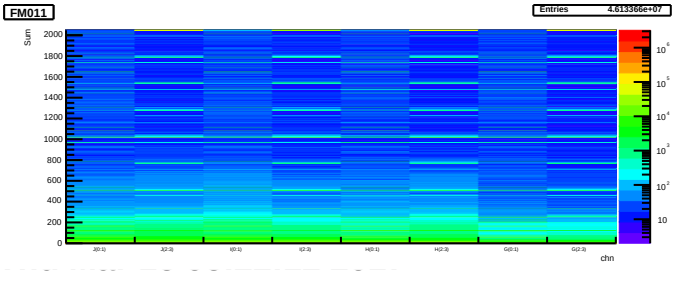
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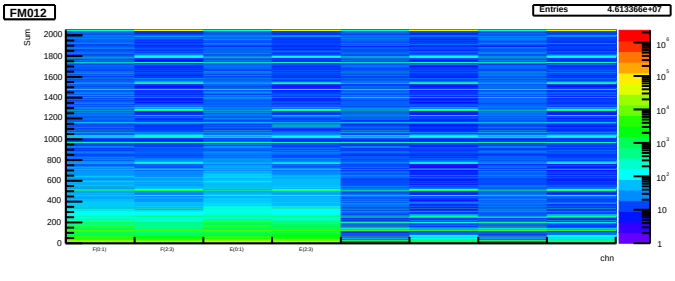
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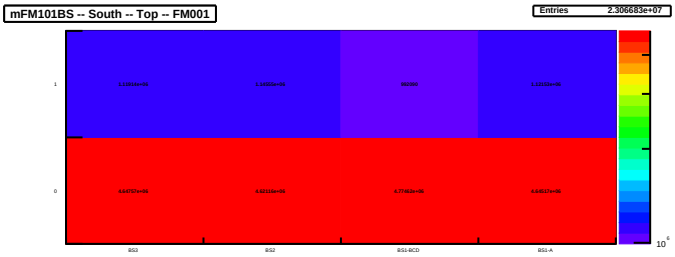
mFM101BS -- South -- Top -- FM001
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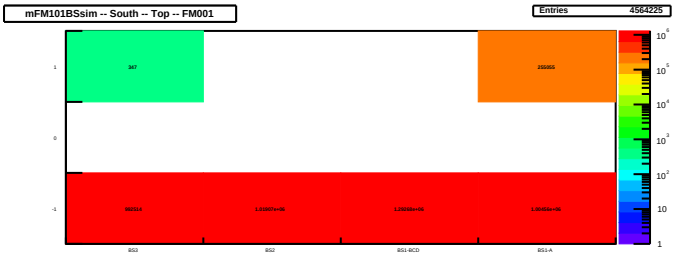
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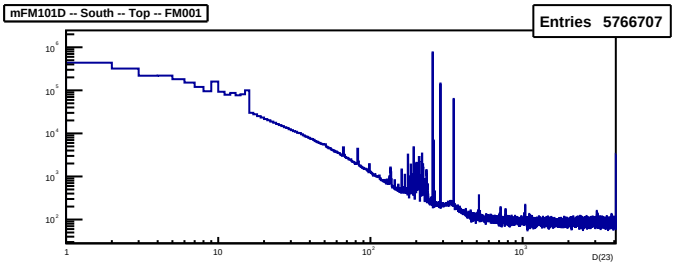
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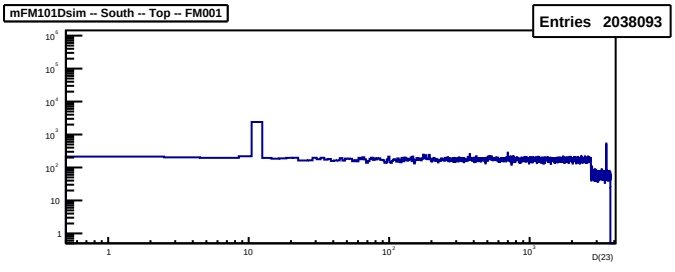
Entries 5766707
D(23)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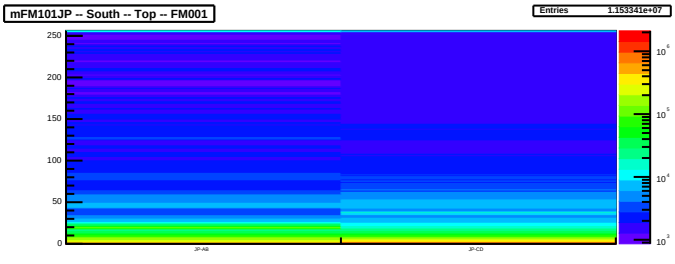
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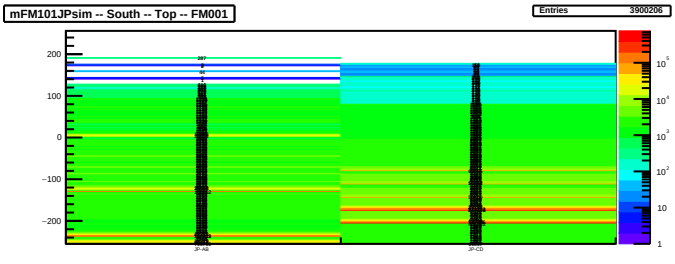
Entries 1.153341e+07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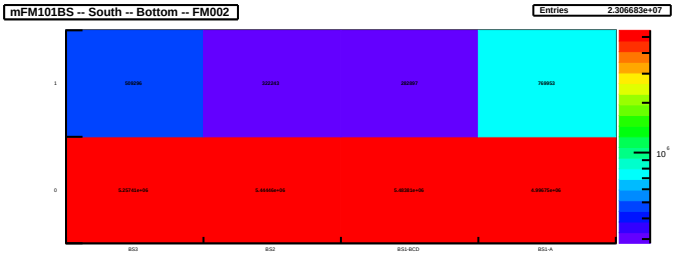
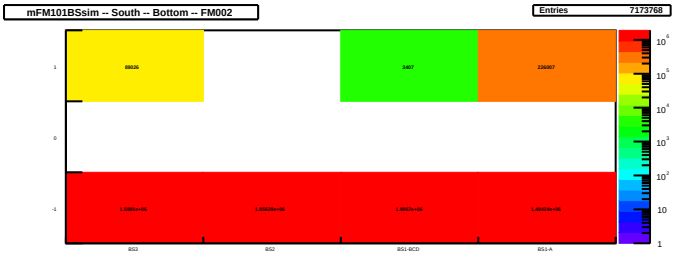

mFM101BS -- South -- Bottom -- FM002
Entries 2.306683e+07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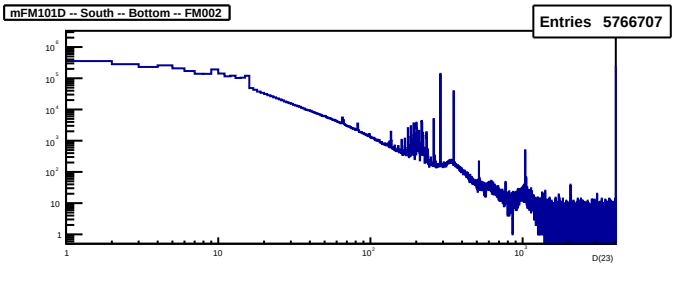
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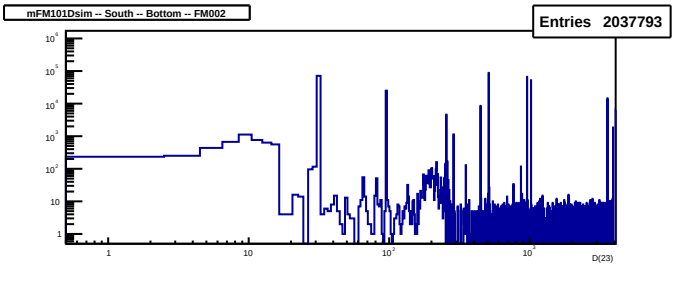
Entries 5766707
D(23)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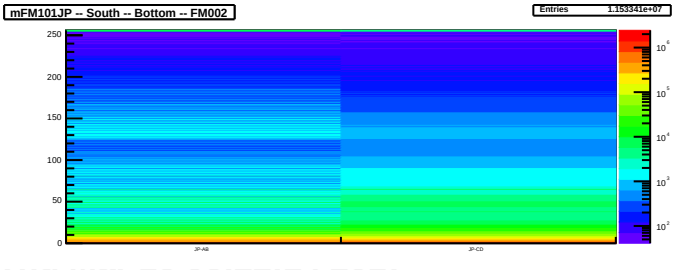
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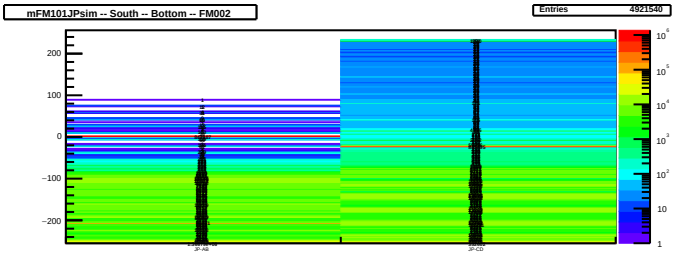
Entries 1.153341e+07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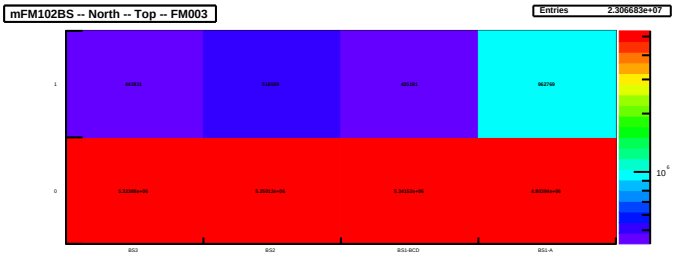
mFM102BS -- North -- Top -- FM003
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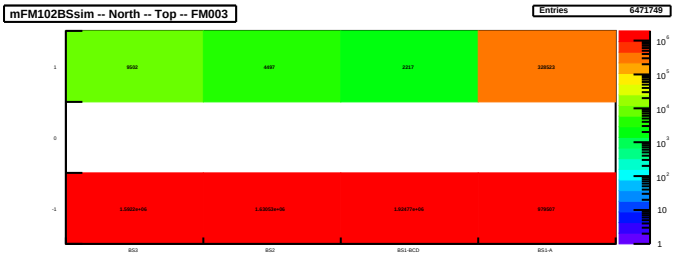
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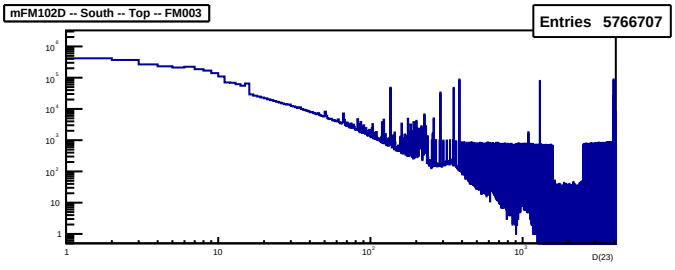
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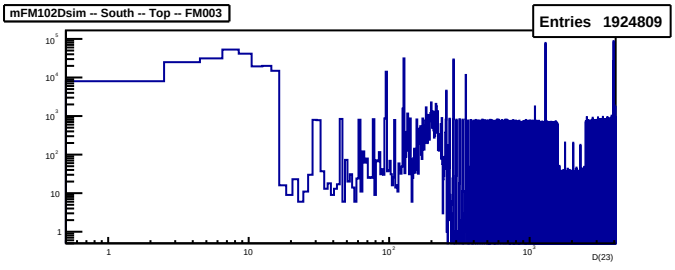
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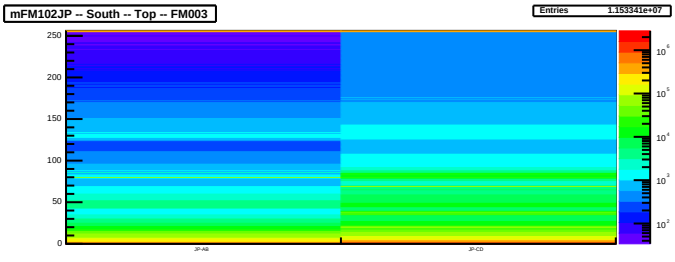
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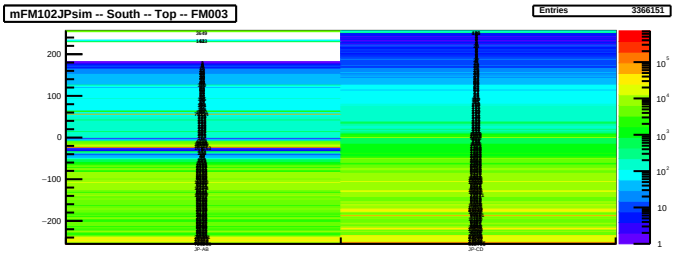
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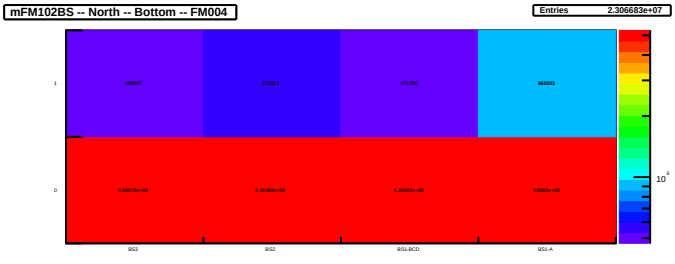
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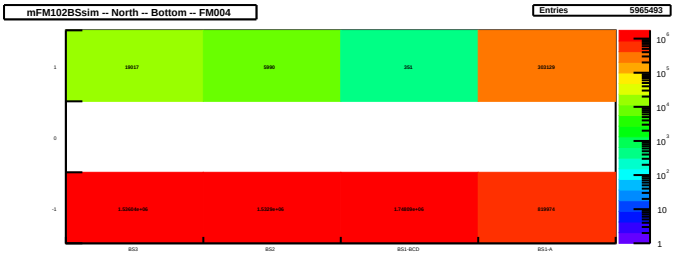
Entries 2.306683e+07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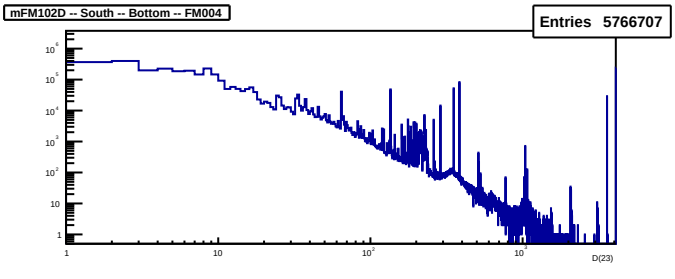
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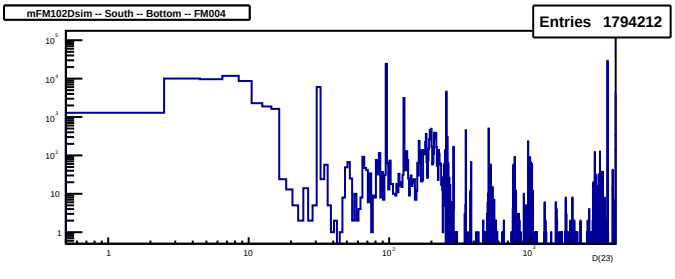
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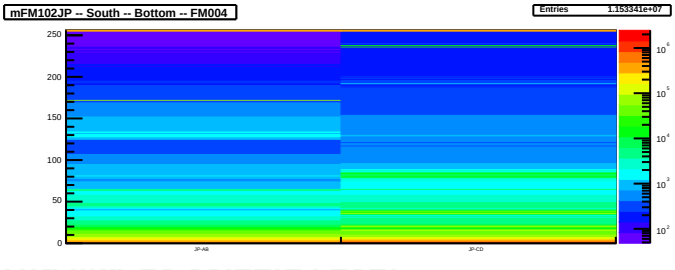
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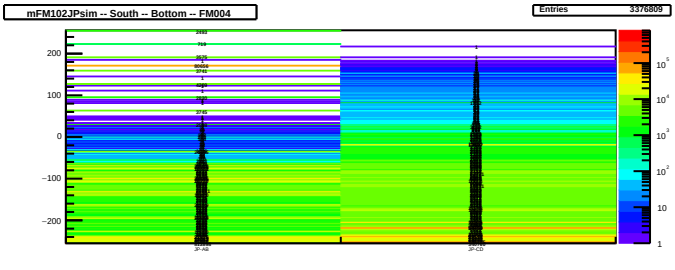
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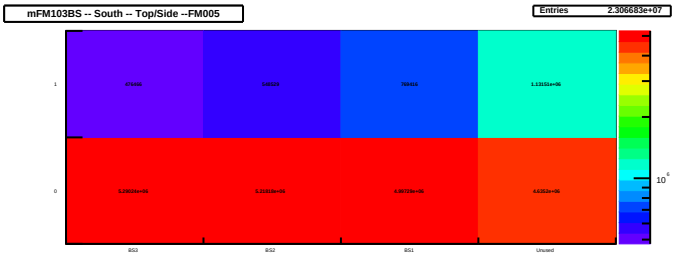
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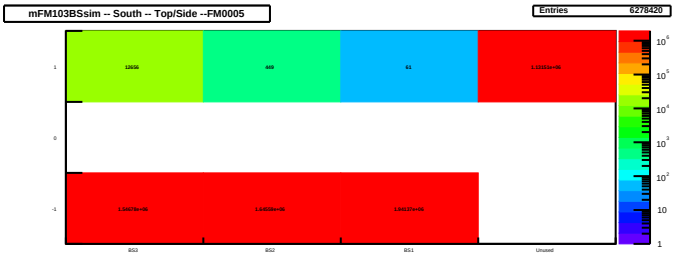
Entries 2.306683e+07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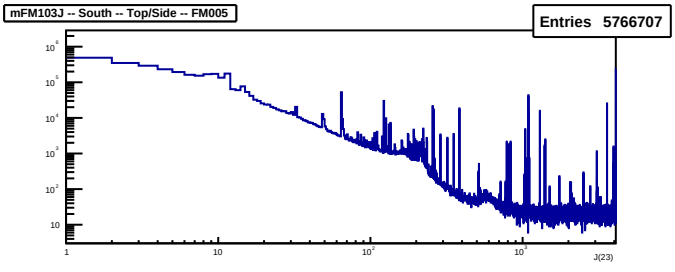
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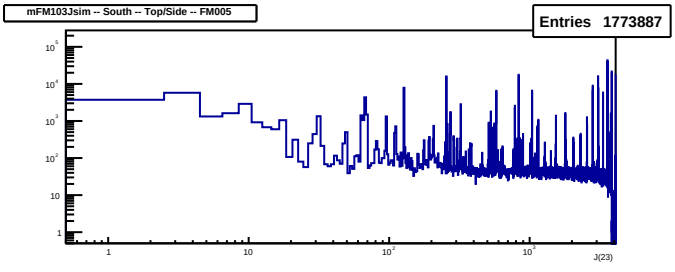
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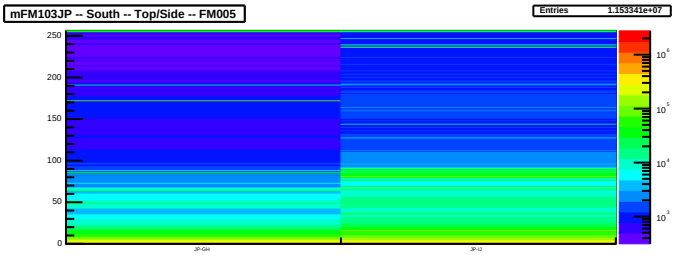
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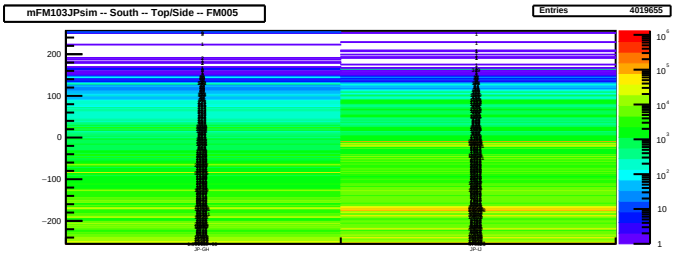
Entries 1.153341e+07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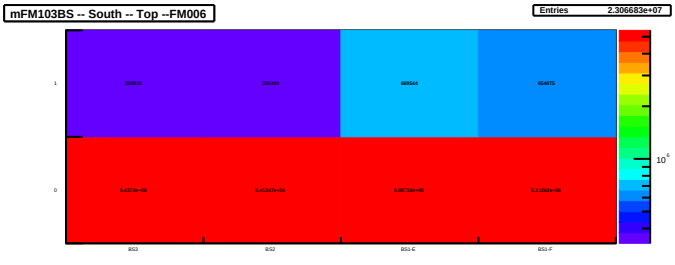
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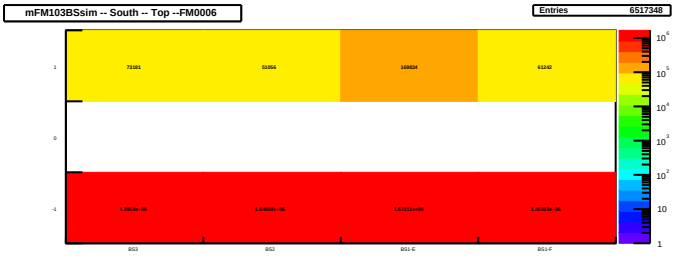
Entries 2.306683e+07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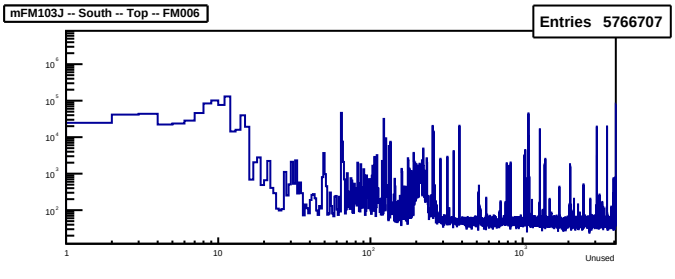
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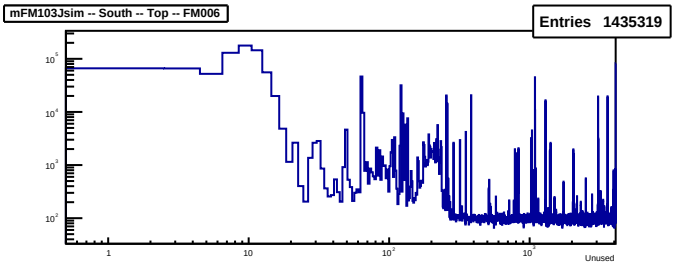
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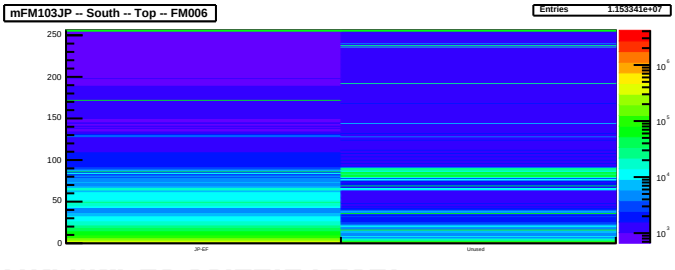
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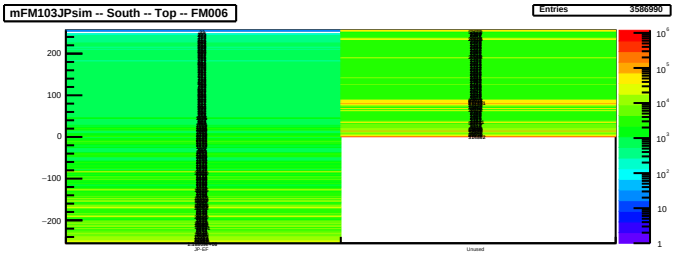
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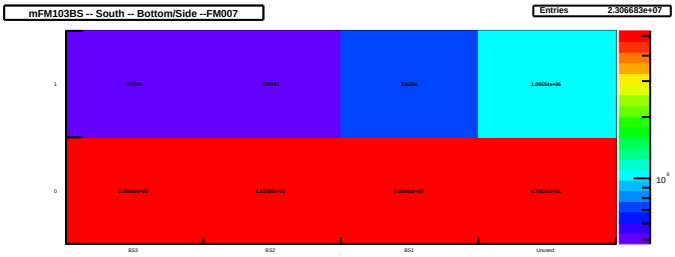
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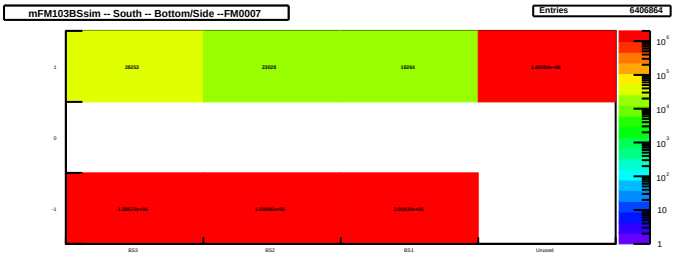
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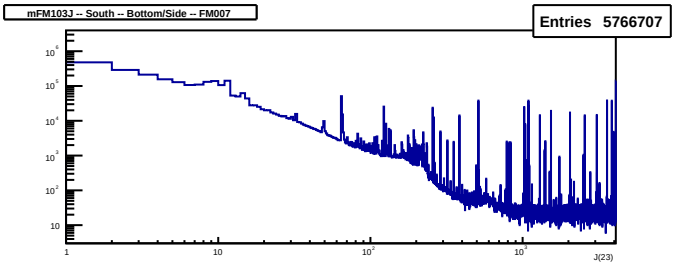
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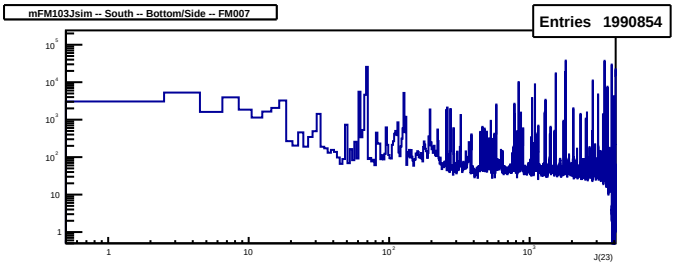
J(23)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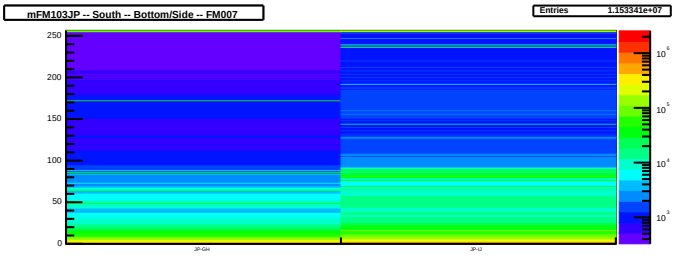
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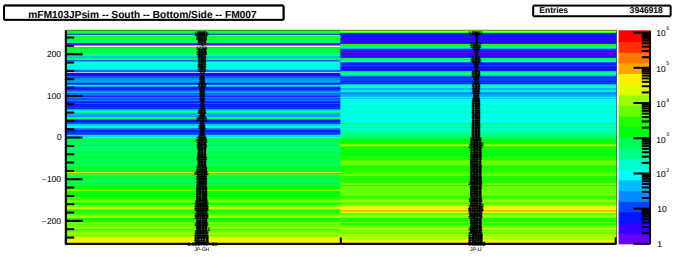
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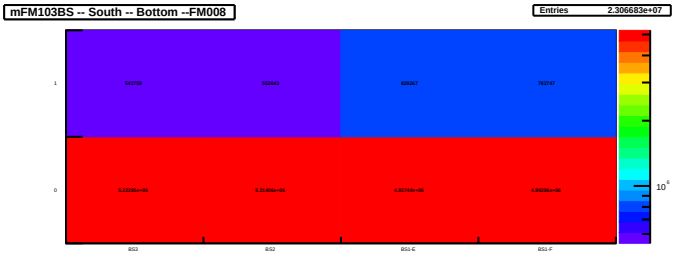
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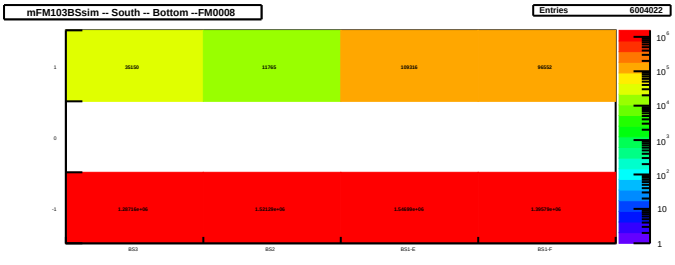
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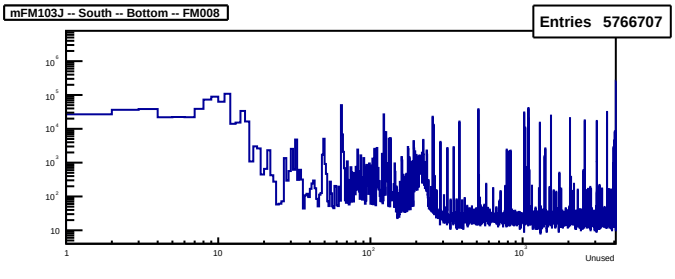
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Entries 5766707
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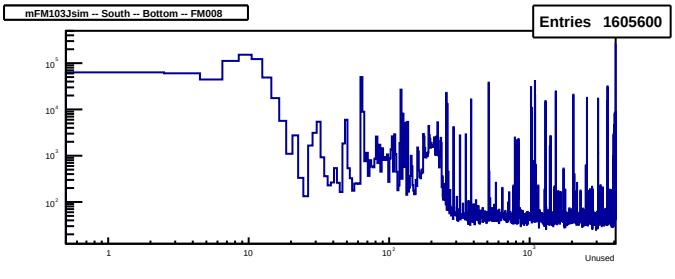
mFM103Jsim -- South -- Bottom -- FM008
Entries 1605600
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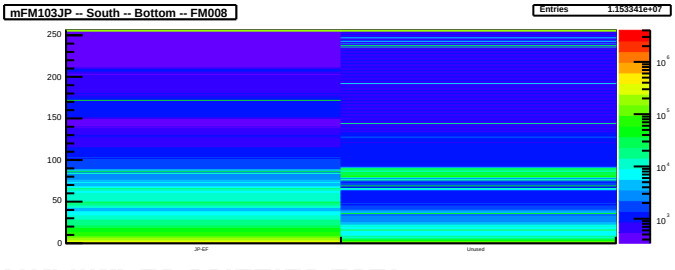
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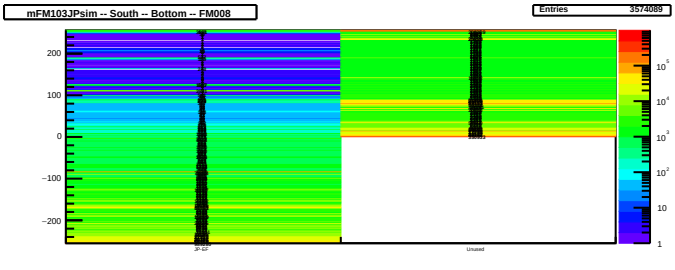
Entries 1.153341e+07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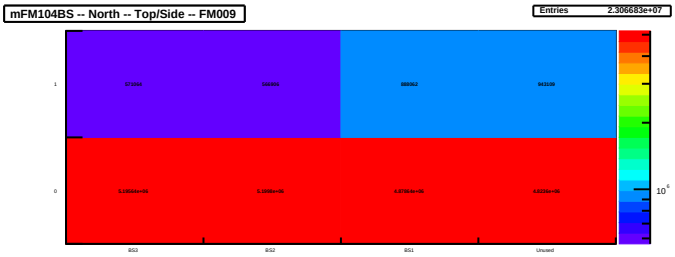
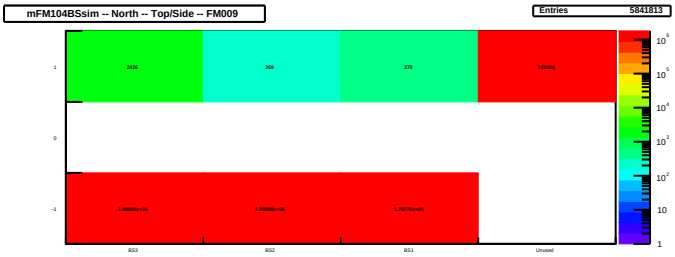

mFM104BS -- North -- Top/Side -- FM009
Entries 2.306683e+07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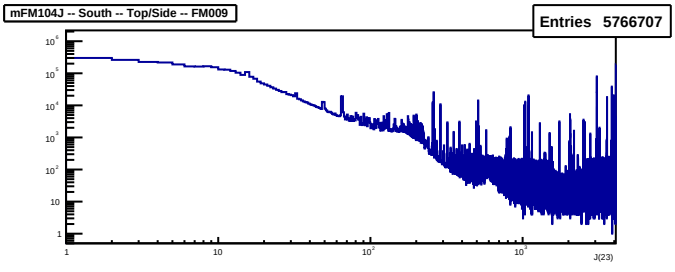
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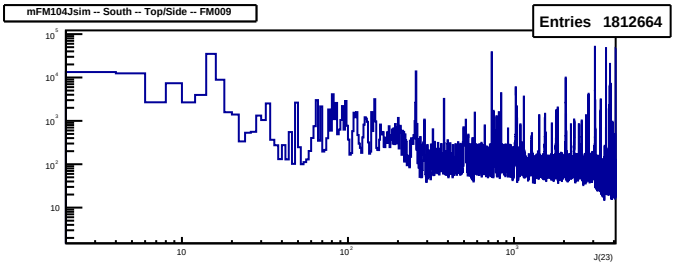
Entries 5766707
J(23)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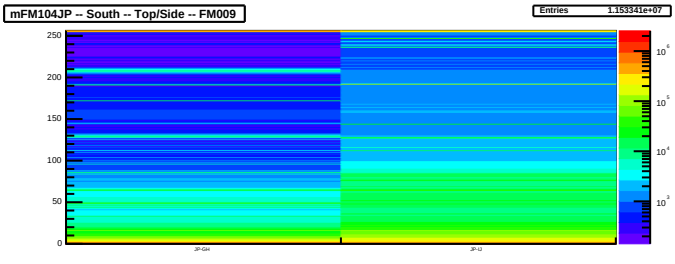
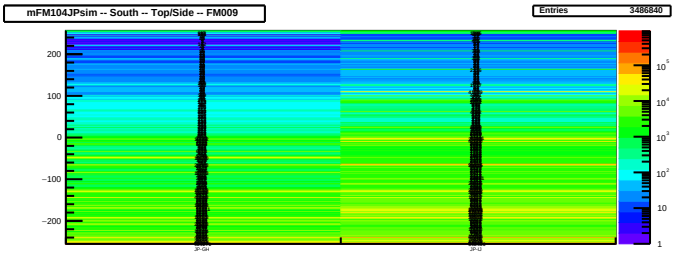
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.153341e+07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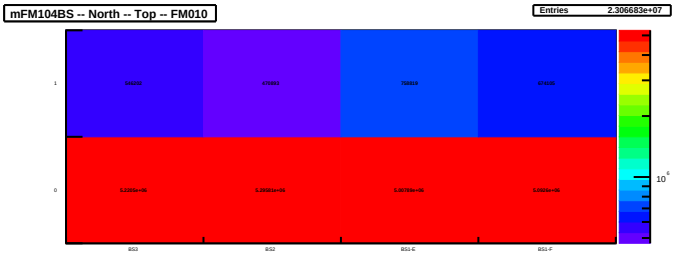
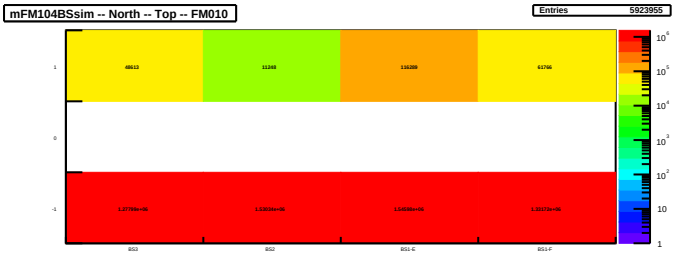
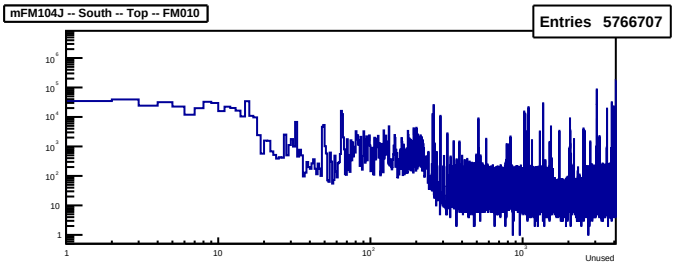
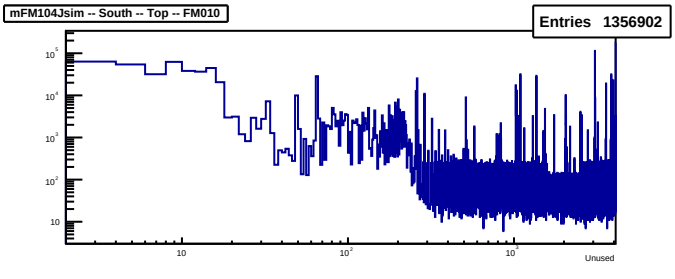

mFM104BS -- North -- Top -- FM010
Entries 2.306683e+07


mFM104BSsim -- North -- Top -- FM010
Entries 5923955


mFM104J -- South -- Top -- FM010
Entries 5766707
Unused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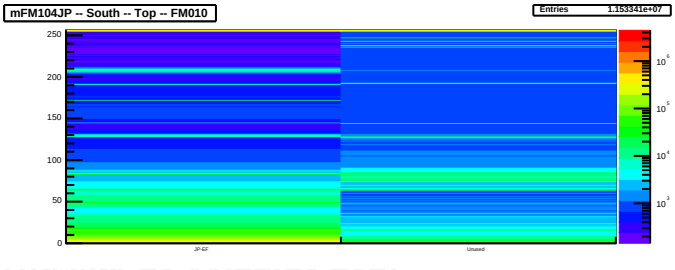
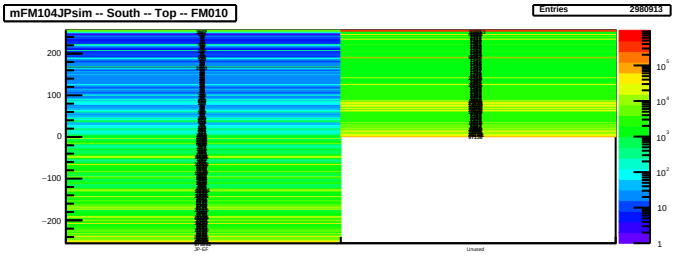
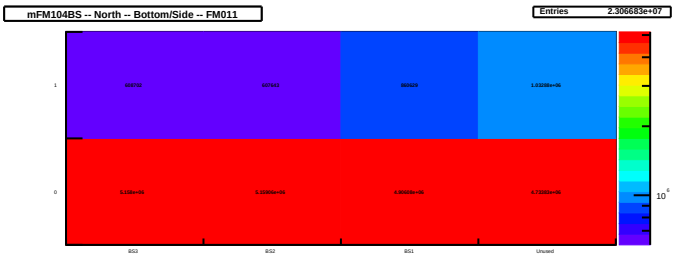
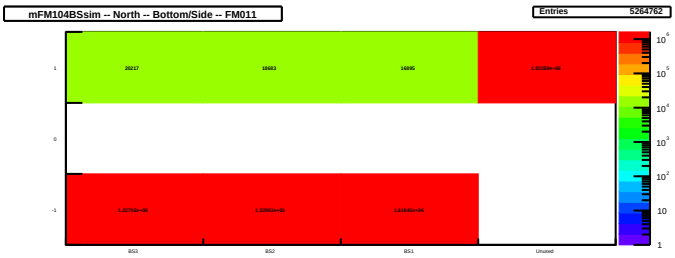
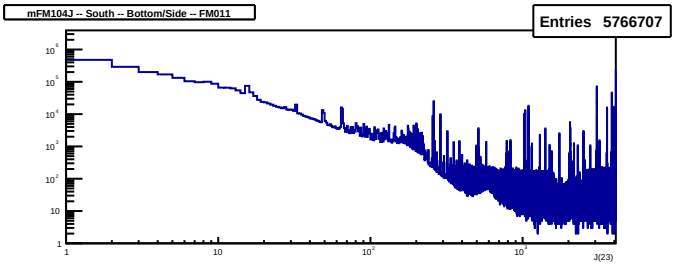
Entries 1356902
Unused

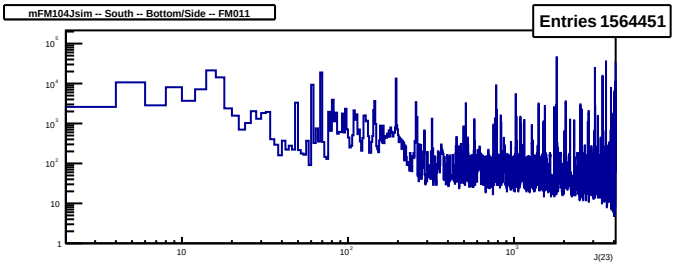

mFM104JP -- South -- Top -- FM010
Entries 1.153341e+07

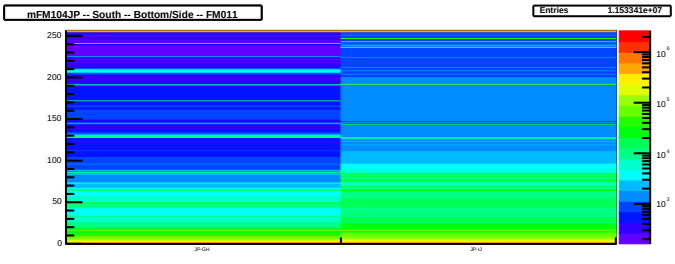

mFM104JPsim -- South -- Top -- FM010
Entries 2980913

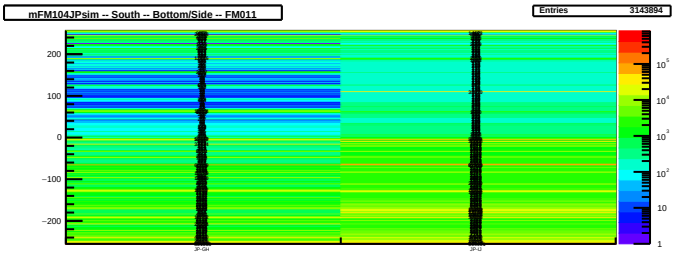

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.306683e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5264762


mFM104J -- South -- Bottom/Side -- FM011
Entries 5766707
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1564451
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.153341e+07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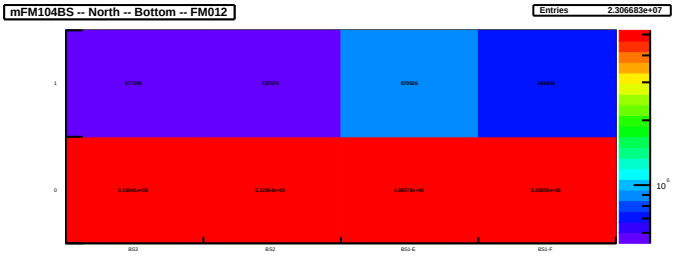
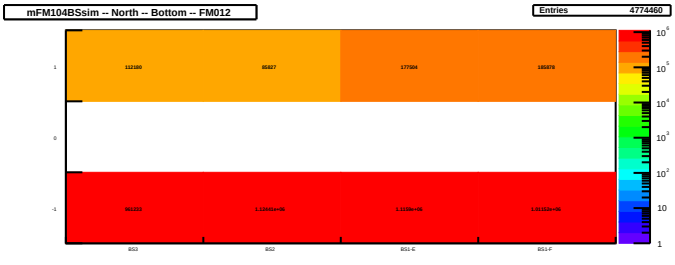

mFM104BS -- North -- Bottom -- FM012
Entries 2.306683e+07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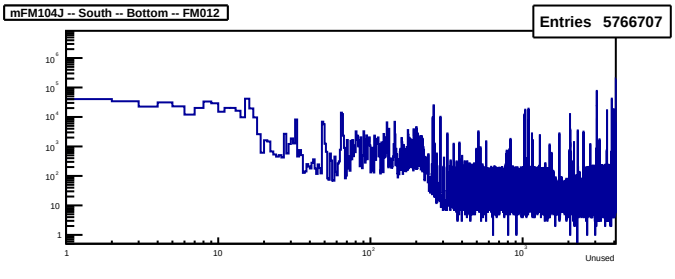
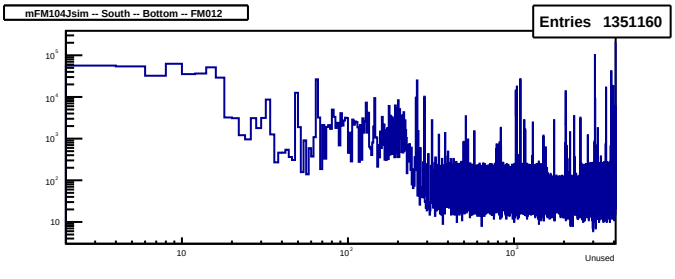

mFM104J -- South -- Bottom -- FM012
Entries 5766707
Unused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Entries 1351160
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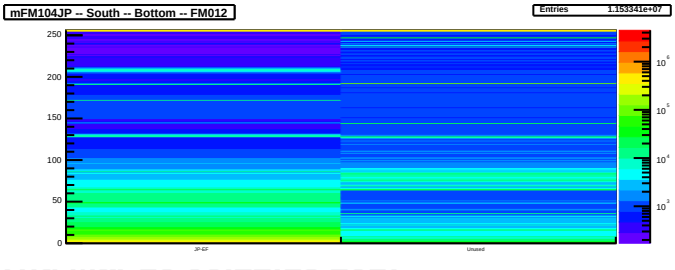
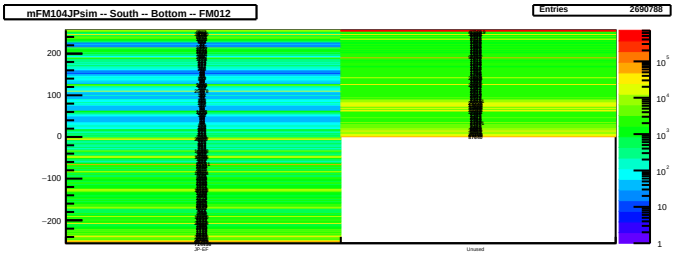
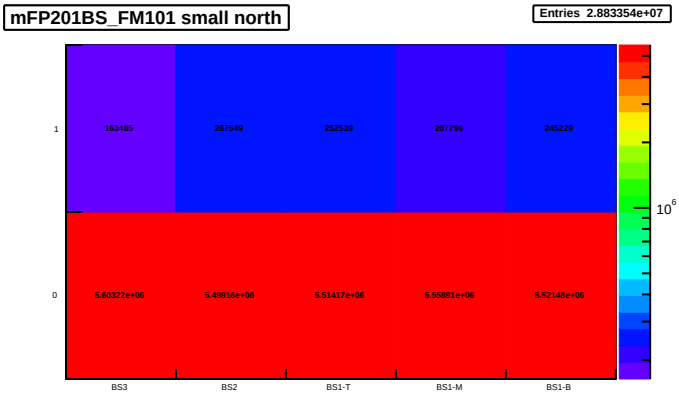

mFM104JP -- South -- Bottom -- FM012
Entries 1.153341e+07


mFM104JPsim -- South -- Bottom -- FM012
Entries 2690788


mFP201BS_FM101 small north
Entries 2.883354e+07
1
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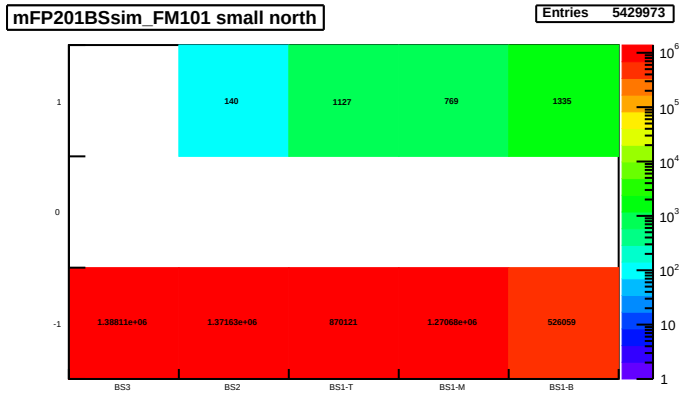
163485
267549
252539
207796
245229
5.60322e+06
5.49916e+06
5.51417e+06
5.55891e+06
5.52148e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 5429973
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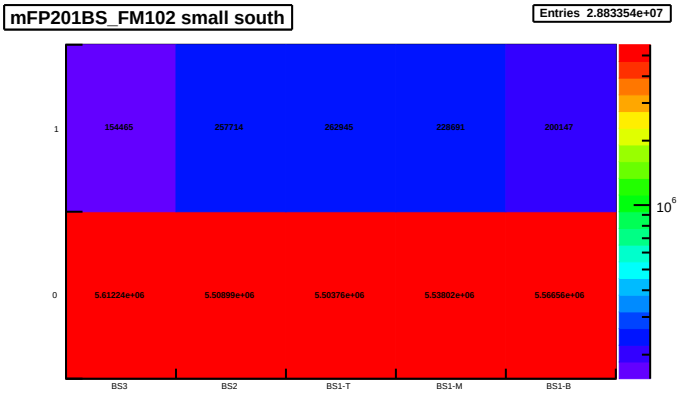
0
-1
140
1127
769
1335
1.38811e+06
1.37163e+06
870121
1.27068e+06
526059
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 2.883354e+07
1
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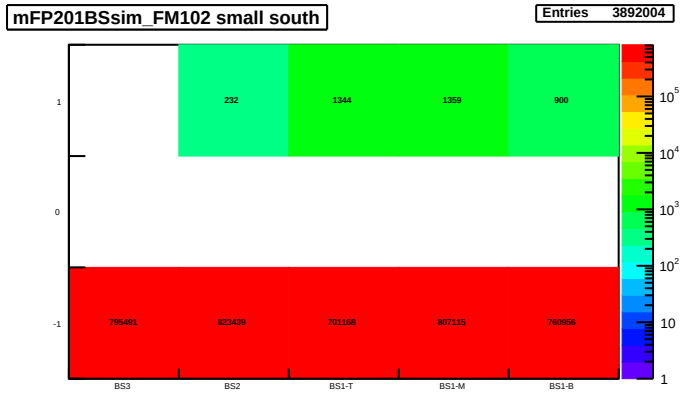
154465
257714
262945
228691
200147
5.61224e+06
5.50899e+06
5.50376e+06
5.53802e+06
5.56656e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM102 small south
Entries 3892004
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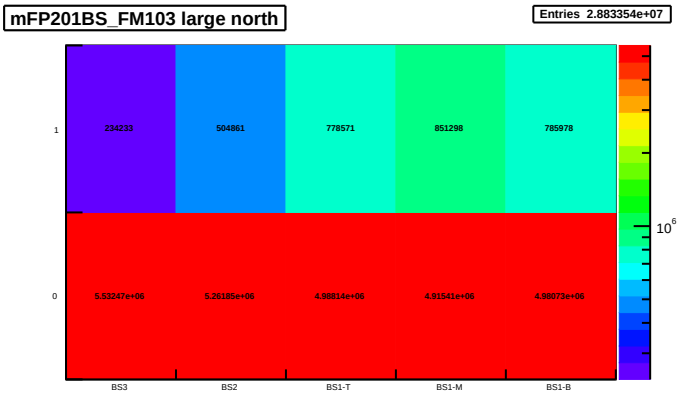
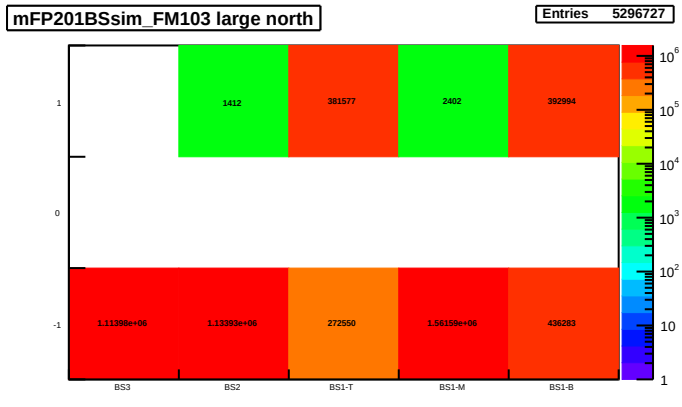
0
-1
232
1344
1359
900
795491
823439
701168
807115
760956
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 2.883354e+07
1
0
234233
504861
778571
851298
785978
5.53247e+06
5.26185e+06
4.98814e+06
4.91541e+06
4.98073e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM103 large north
Entries 5296727
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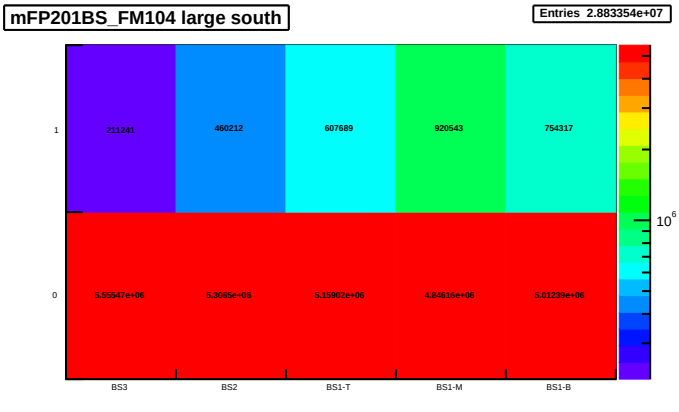
-1
1412
381577
2402
392994
1.11398e+06
1.13393e+06
272550
1.56159e+06
436283
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM104 large south
Entries 2.883354e+07
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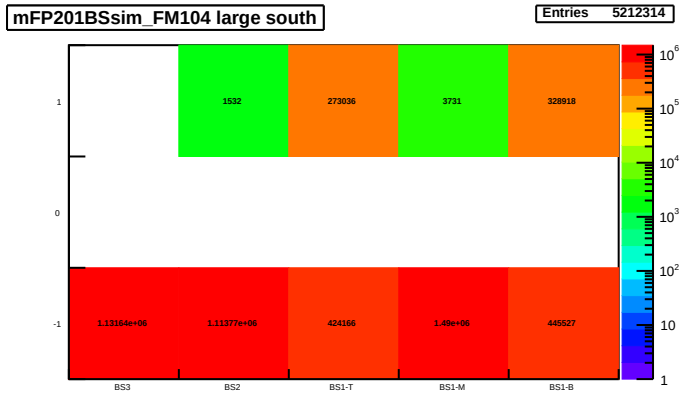
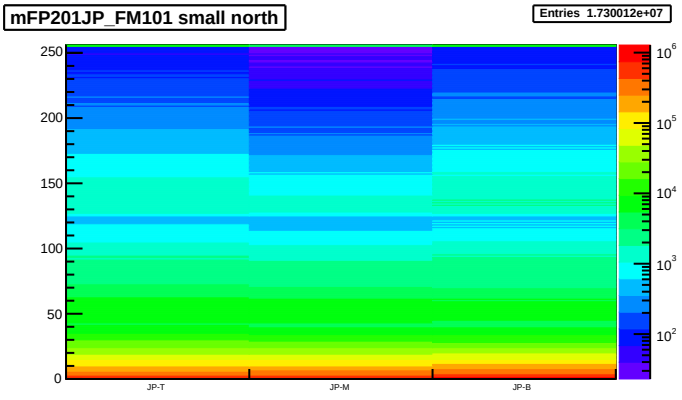
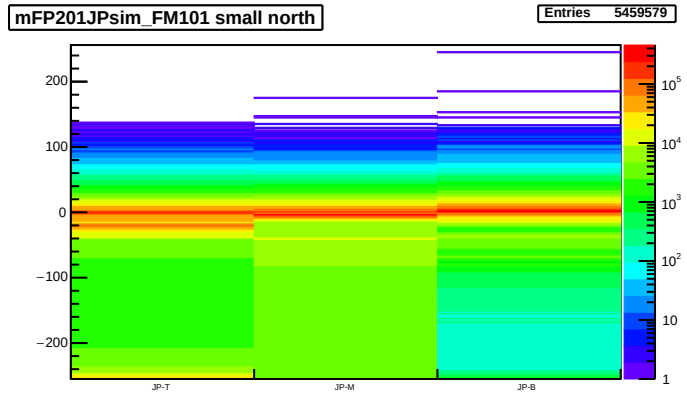
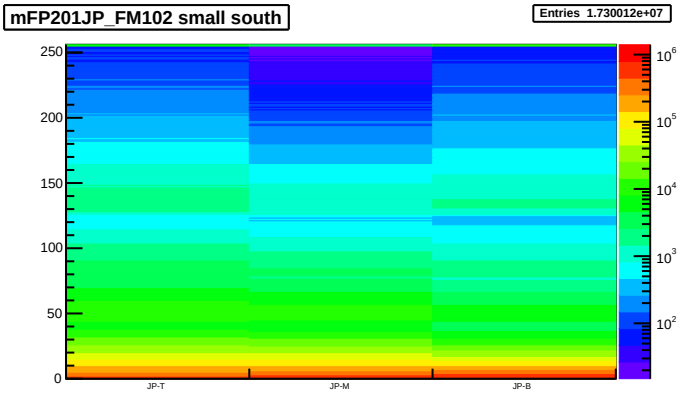
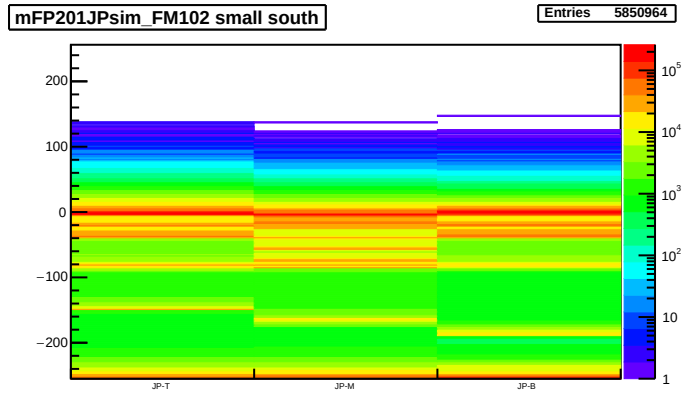
0
211241
460212
607689
920543
754317
5.55547e+06
5.3065e+06
5.15902e+06
4.84616e+06
5.01239e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

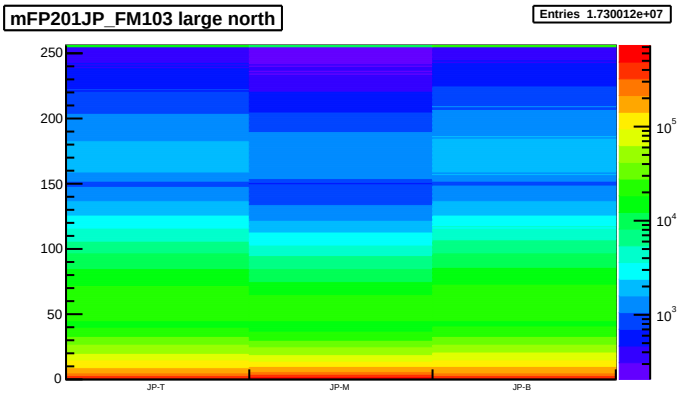

mFP201BSsim_FM104 large south
Entries 5212314
1
0
-1
1532
273036
3731
328918
1.13164e+06
1.11377e+06
424166
1.49e+06
445527
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

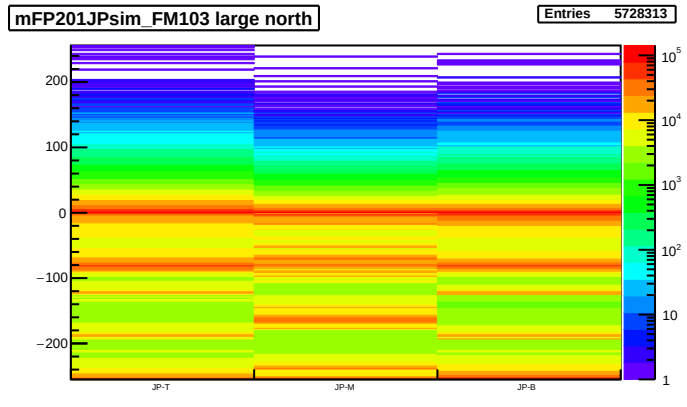

mFP201JP_FM101 small north
Entries 1.730012e+07
JP-T
JP-M
JP-B

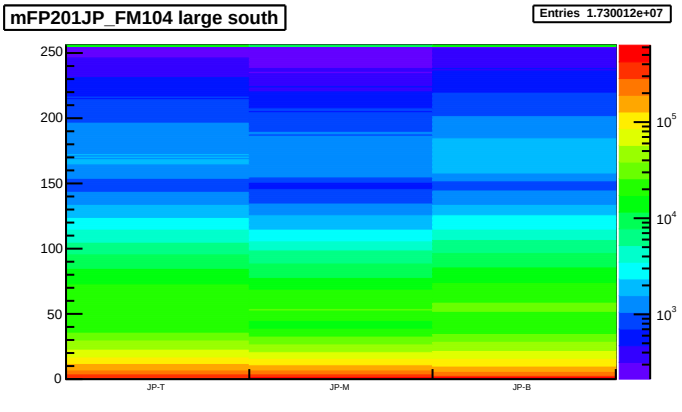

mFP201JPsim_FM101 small north
Entries 5459579
JP-T
JP-M
JP-B

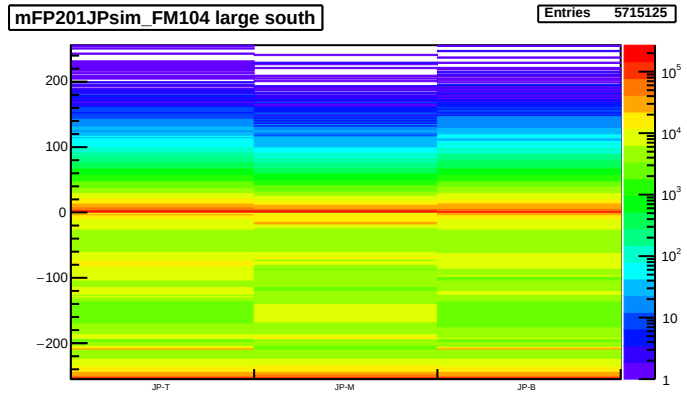

mFP201JP_FM102 small south
Entries 1.730012e+07
JP-T
JP-M
JP-B

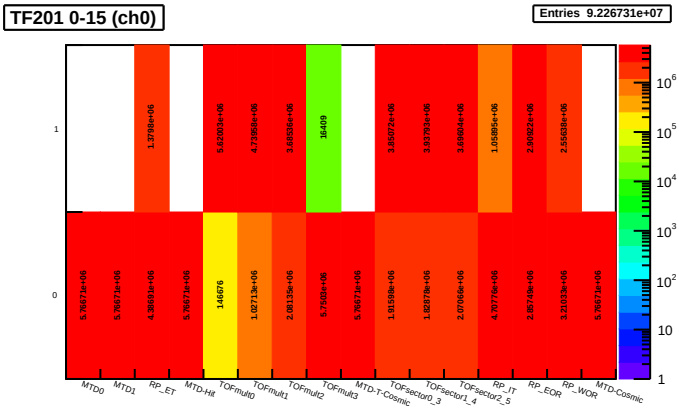

mFP201JPsim_FM102 small south
Entries 5850964
JP-T
JP-M
JP-B

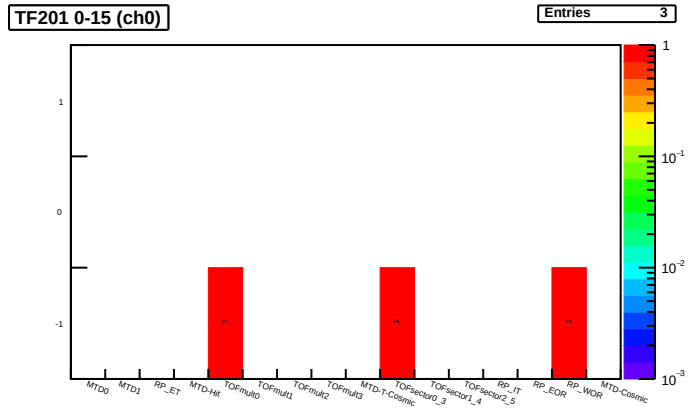

mFP201JP_FM103 large north
Entries 1.730012e+07
JP-T
JP-M
JP-B

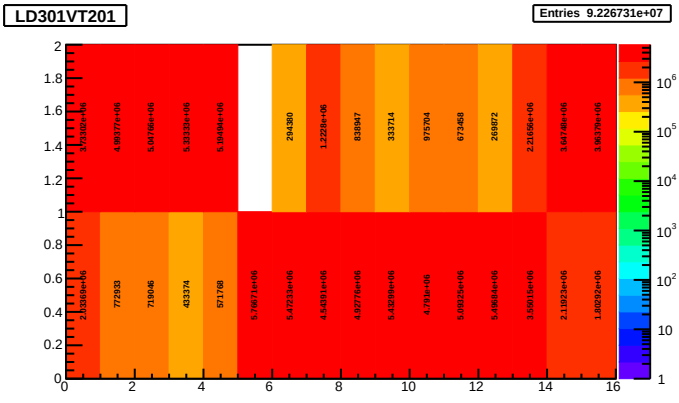

mFP201JPsim_FM103 large north
Entries 5728313
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 1.730012e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5715125
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 9.226731e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


TF201 0-15 (ch0)
Entries 3
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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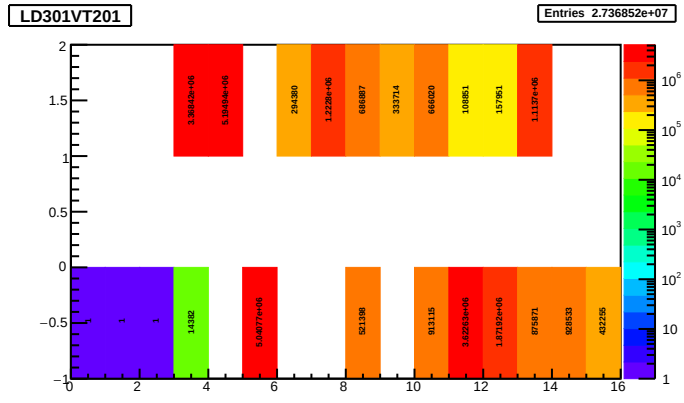
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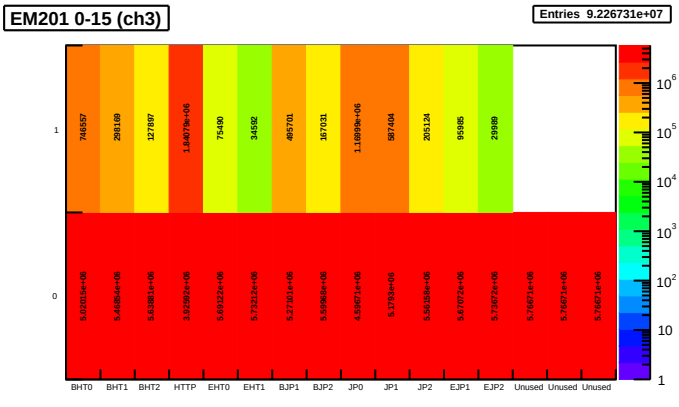
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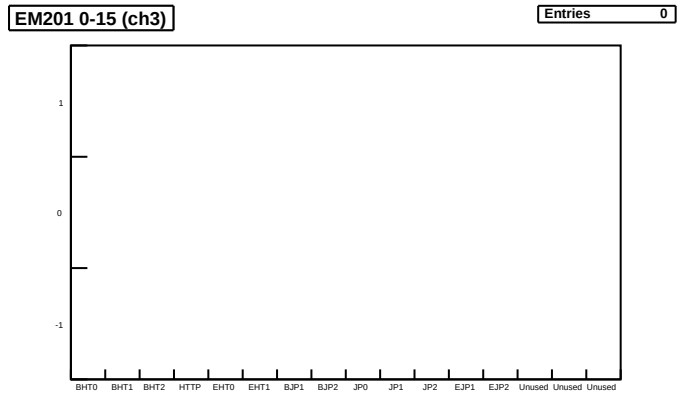
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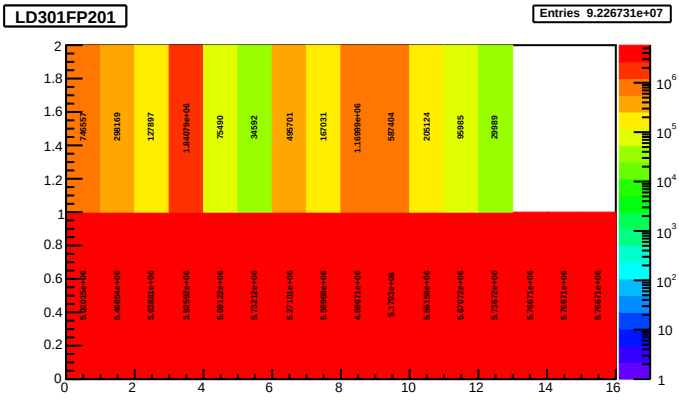
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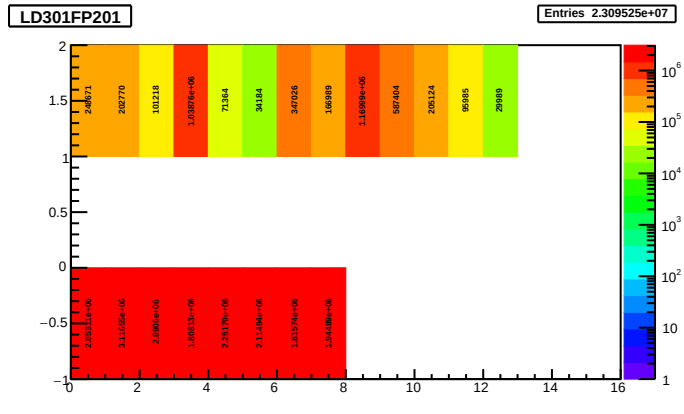
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