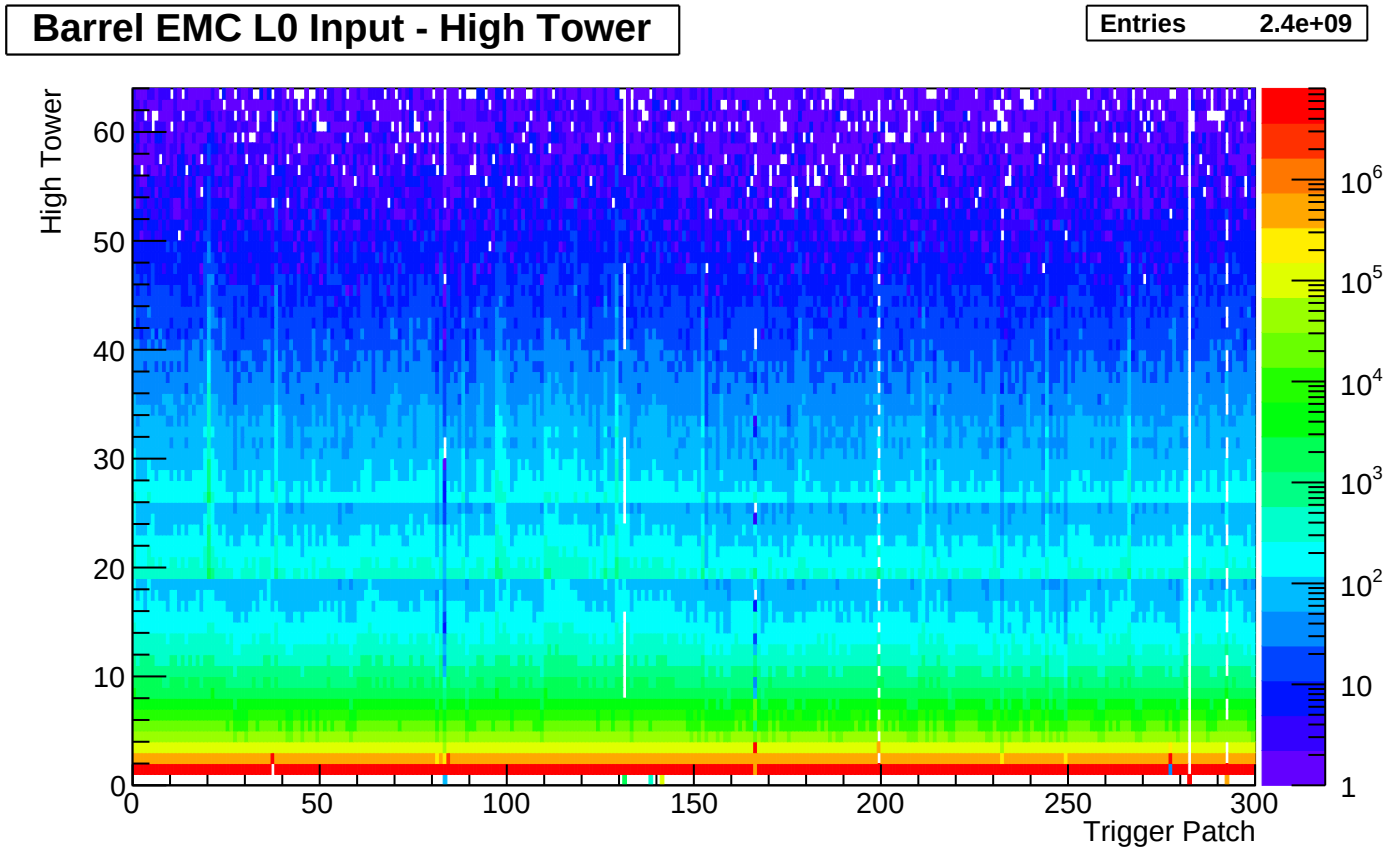
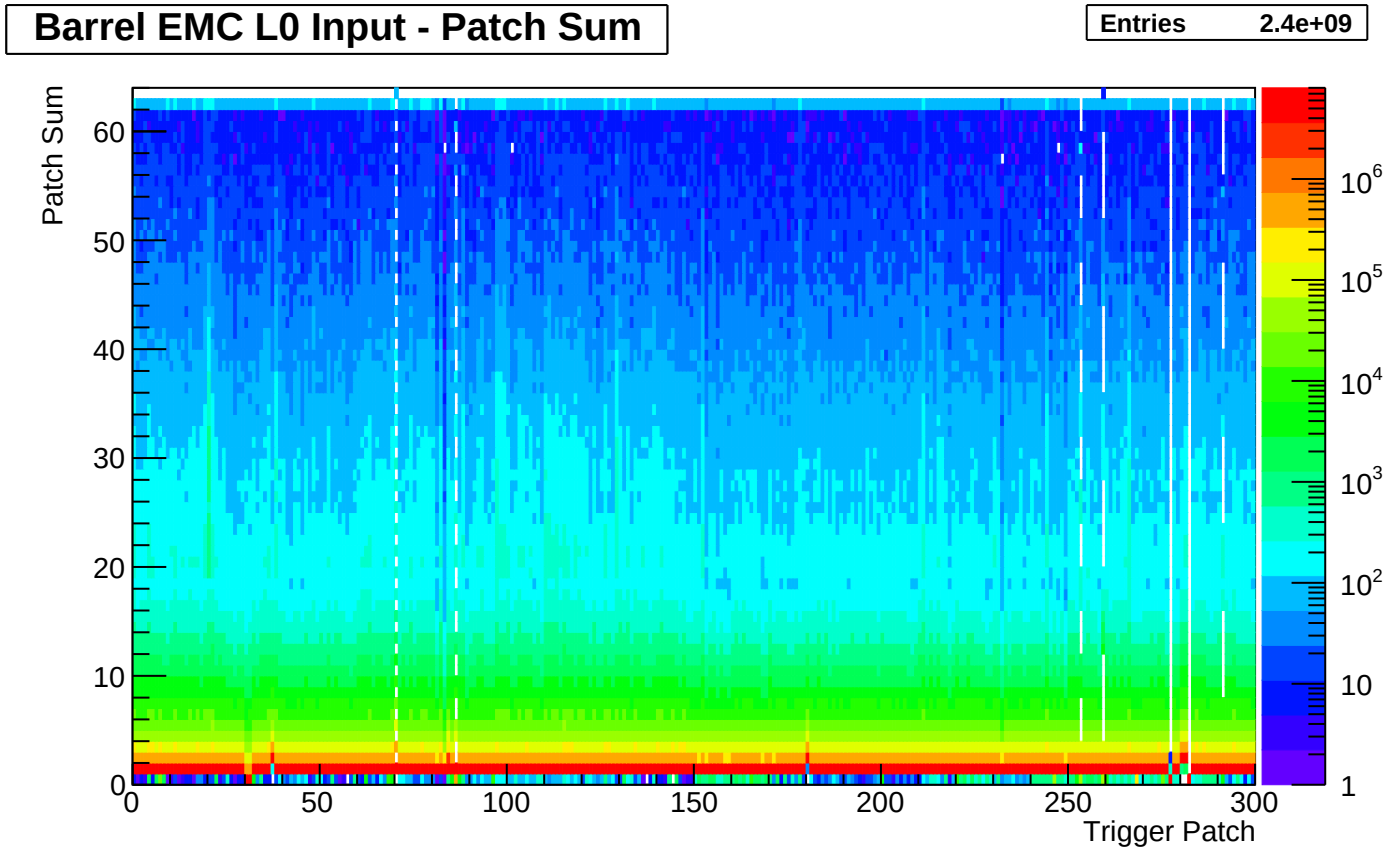
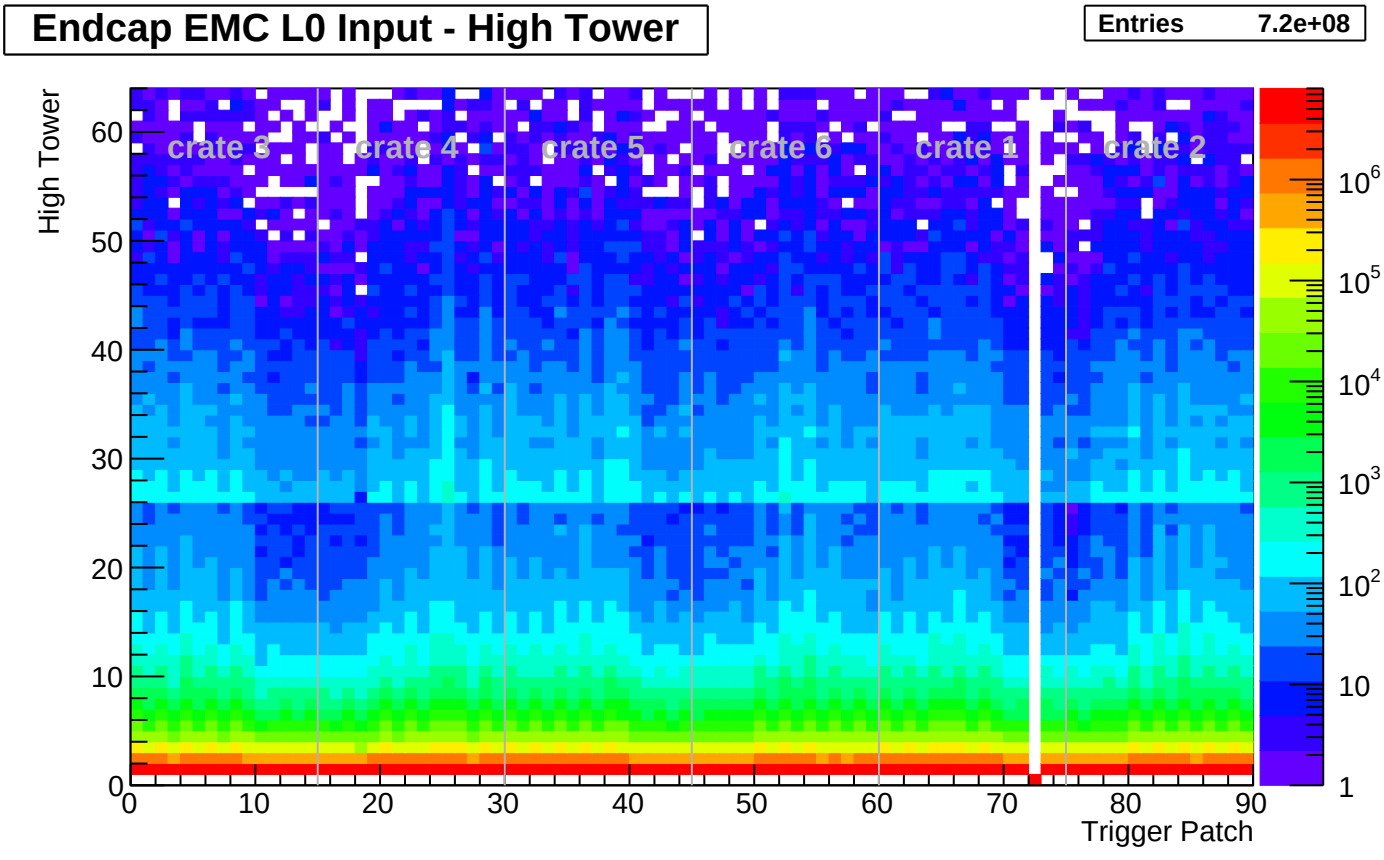
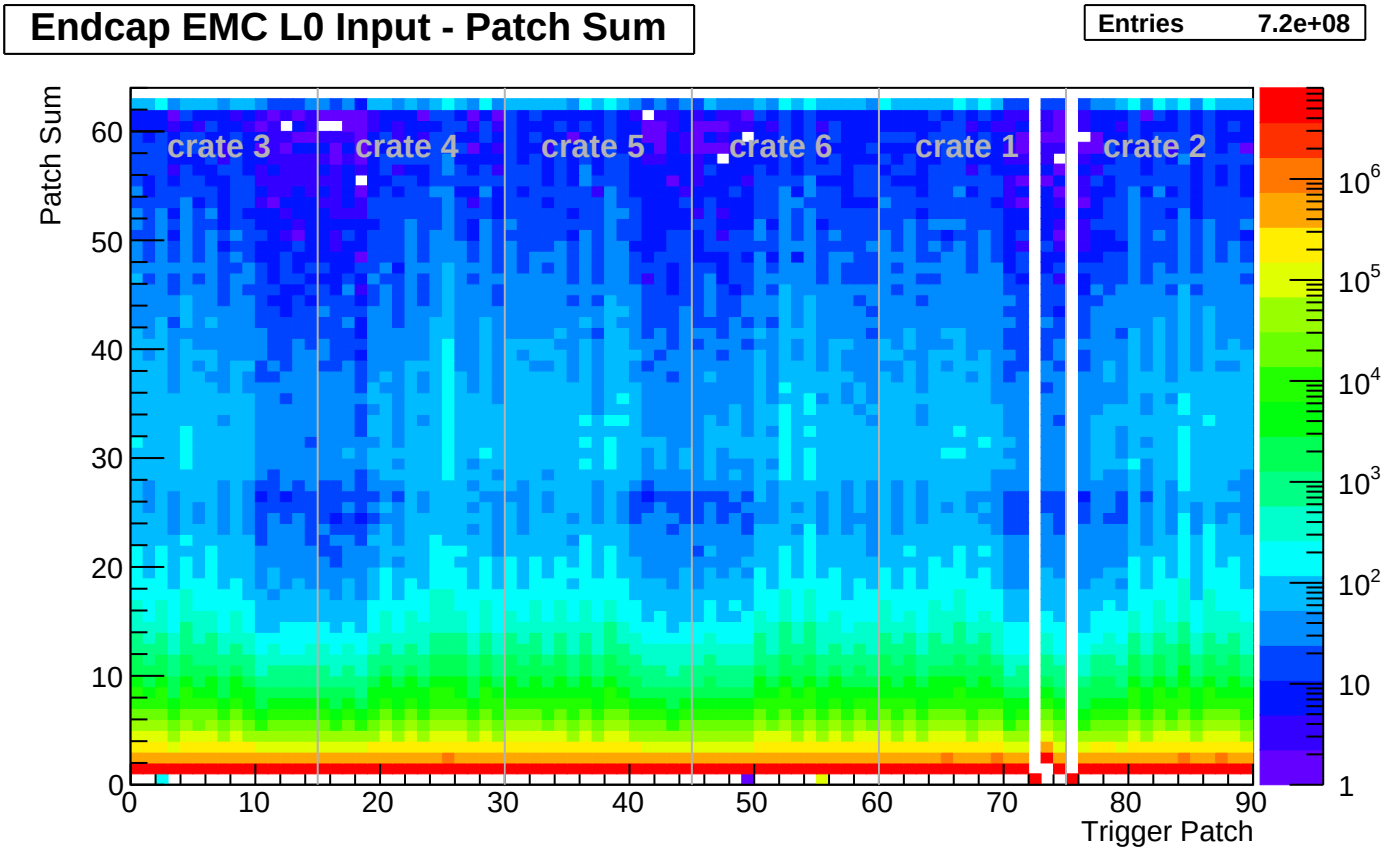
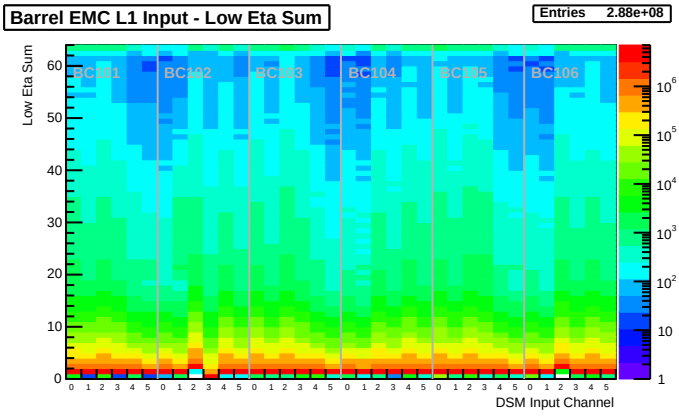
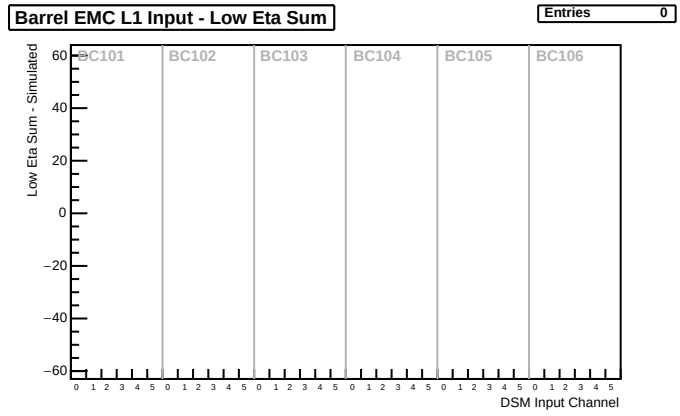

Barrel EMC L0 Input - High Tower
Entries 2.4e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

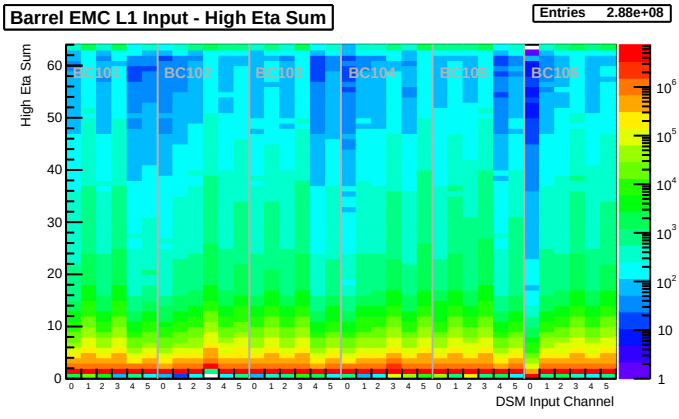

Barrel EMC L0 Input - Patch Sum
Entries 2.4e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

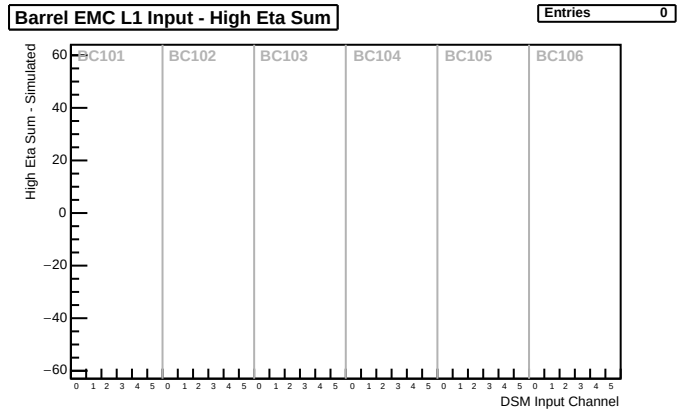

Endcap EMC L0 Input - High Tower
Entries 7.2e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

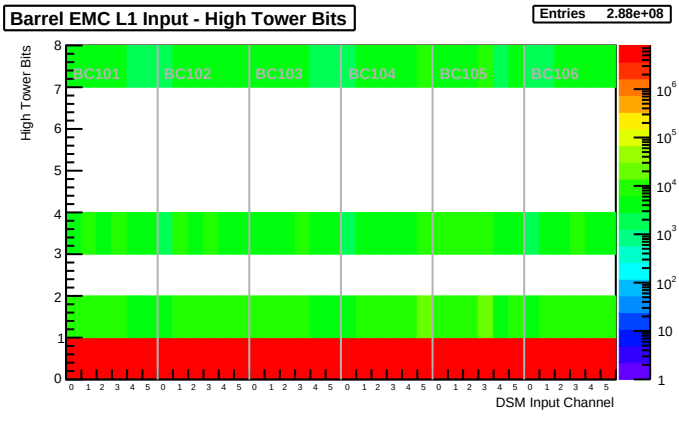

Endcap EMC L0 Input - Patch Sum
Entries 7.2e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

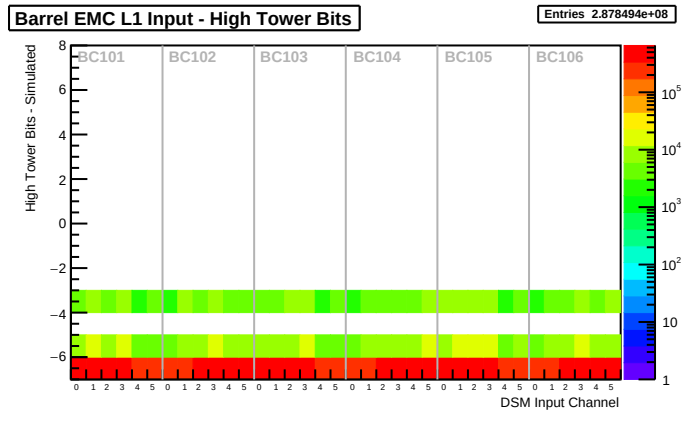

Barrel EMC L1 Input - Low Eta Sum
Entries 2.88e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

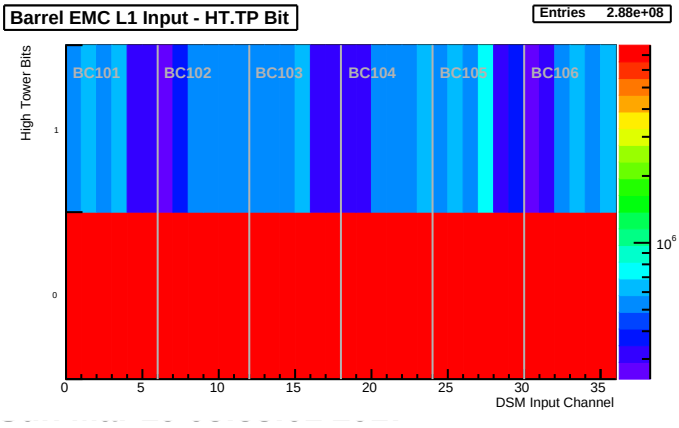

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

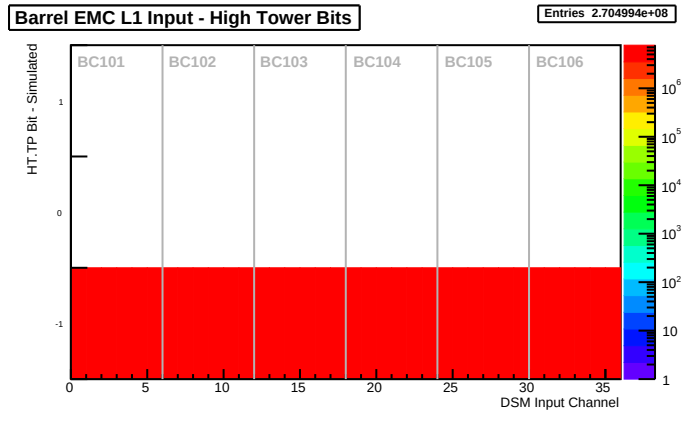

Barrel EMC L1 Input - High Eta Sum
Entries 2.88e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

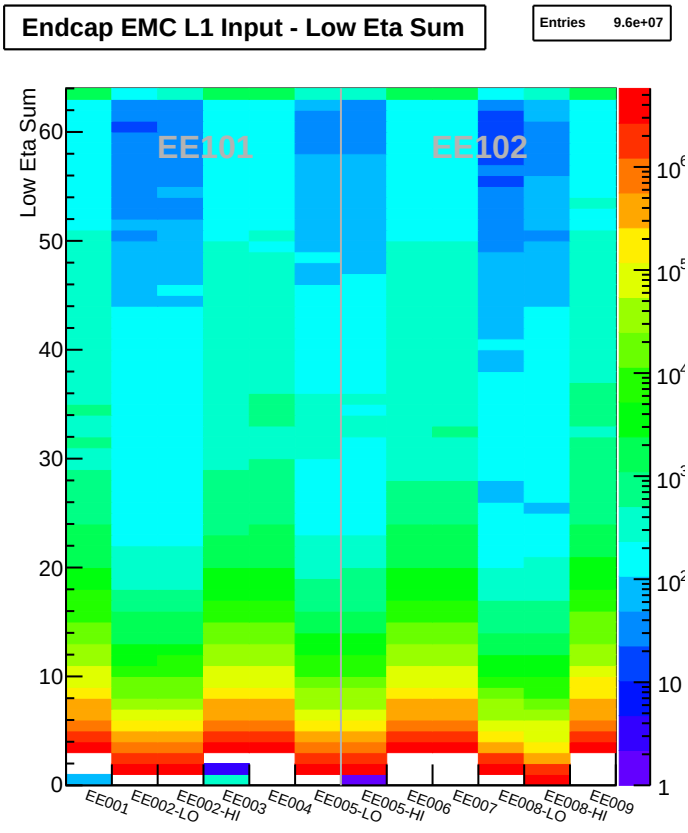

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

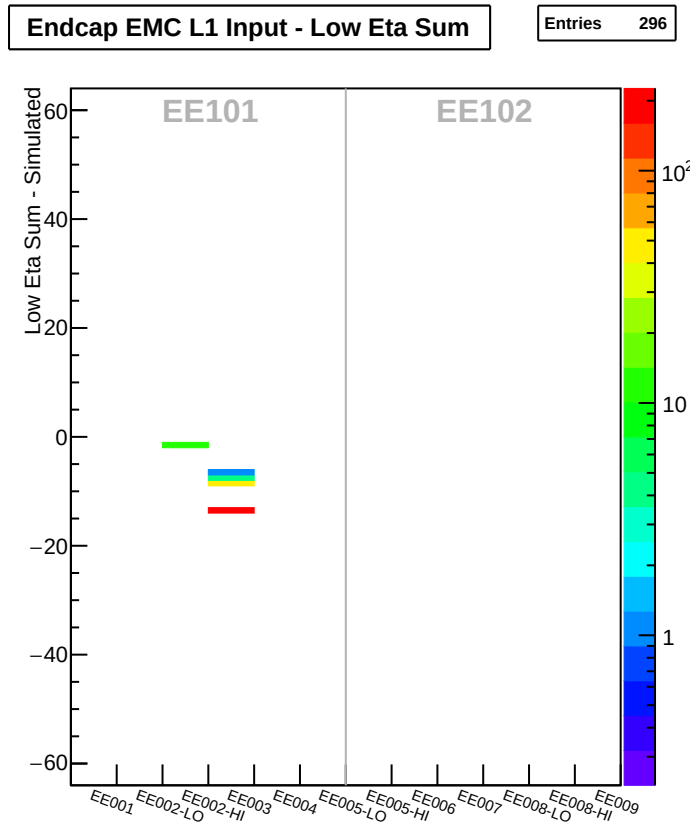

Barrel EMC L1 Input - High Tower Bits
Entries 2.88e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

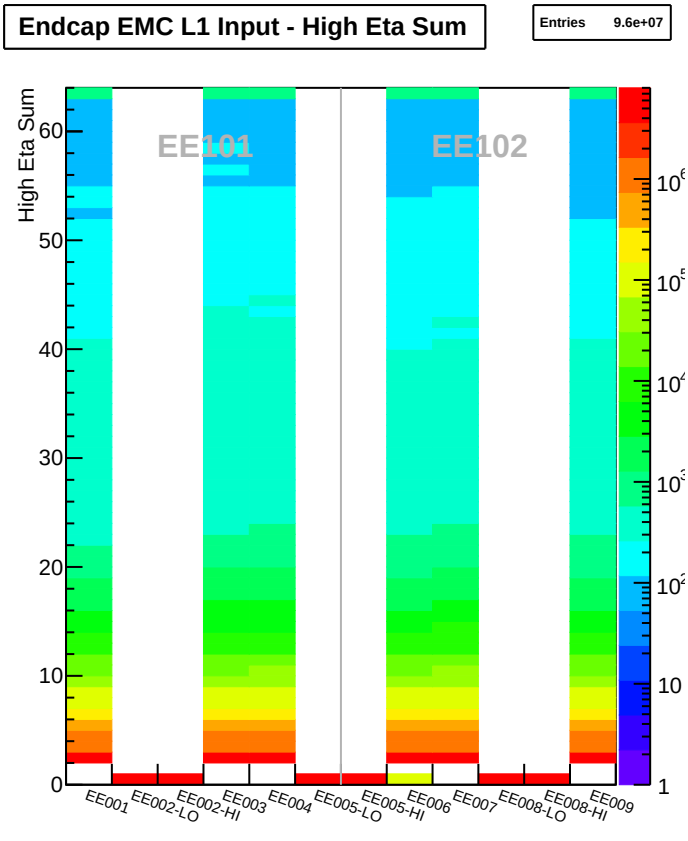

Barrel EMC L1 Input - High Tower Bits
Entries 2.878494e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

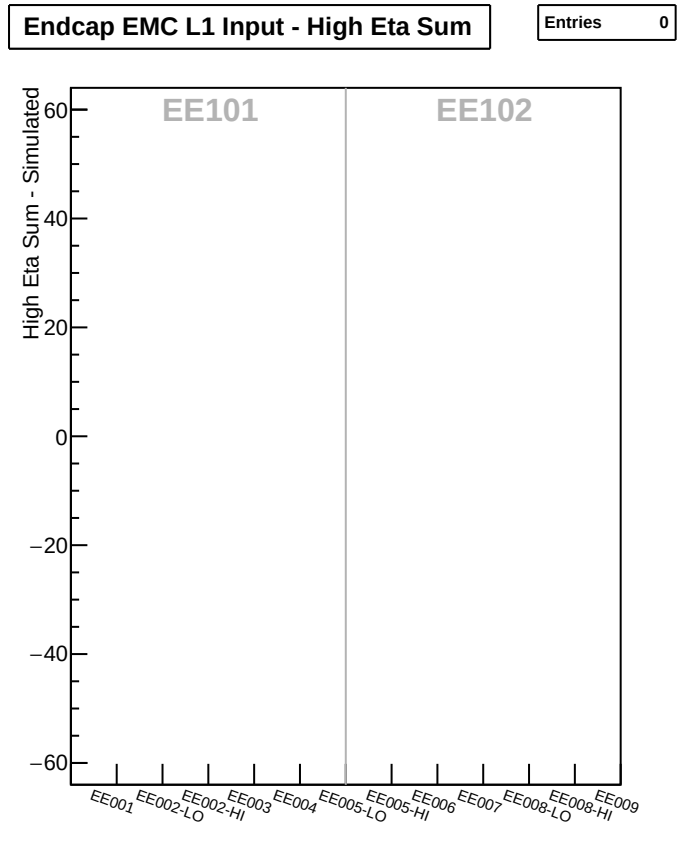

Barrel EMC L1 Input - HT.TP Bit
Entries 2.88e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

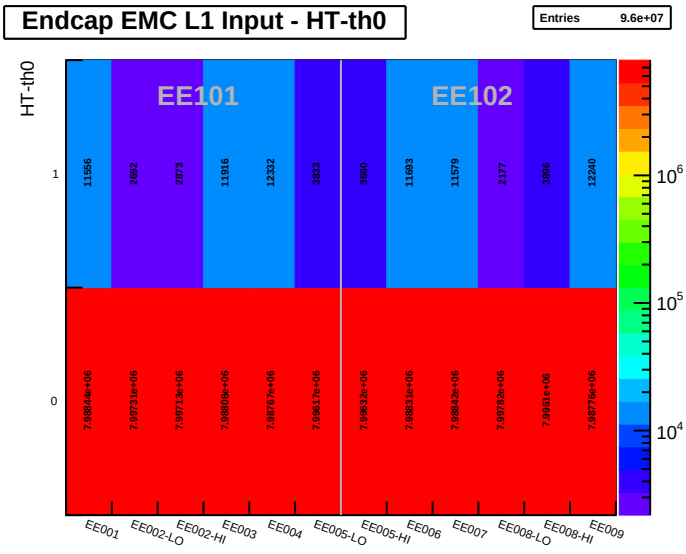

Barrel EMC L1 Input - High Tower Bits
Entries 2.704994e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

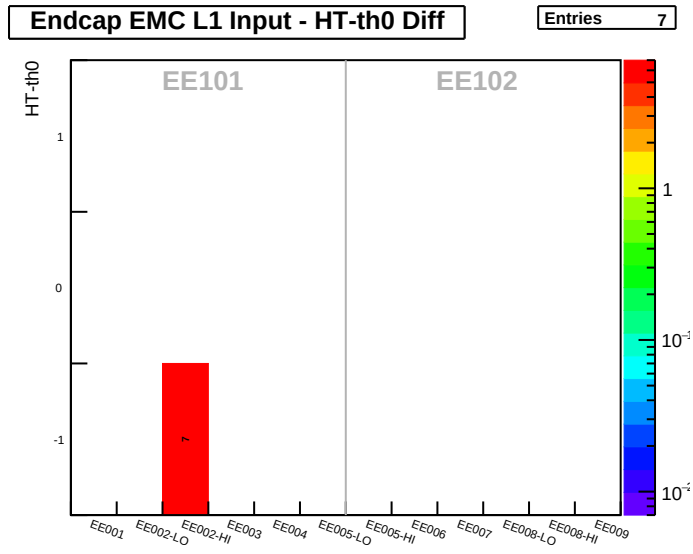

Endcap EMC L1 Input - Low Eta Sum
Entries 9.6e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

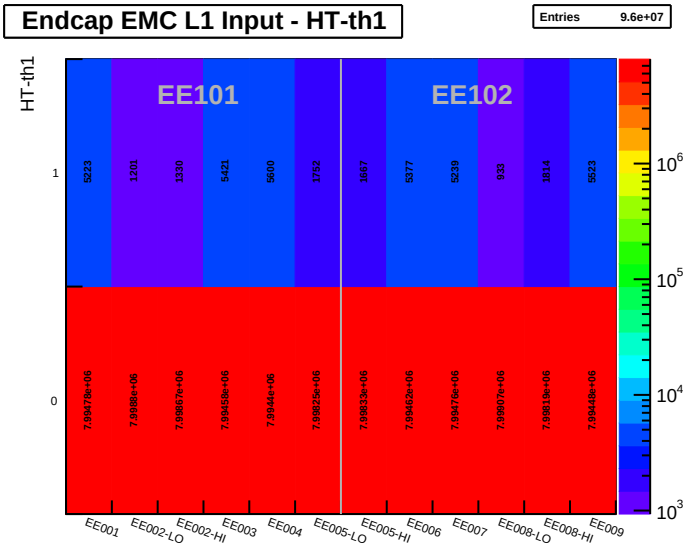

Endcap EMC L1 Input - Low Eta Sum
Entries 296
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

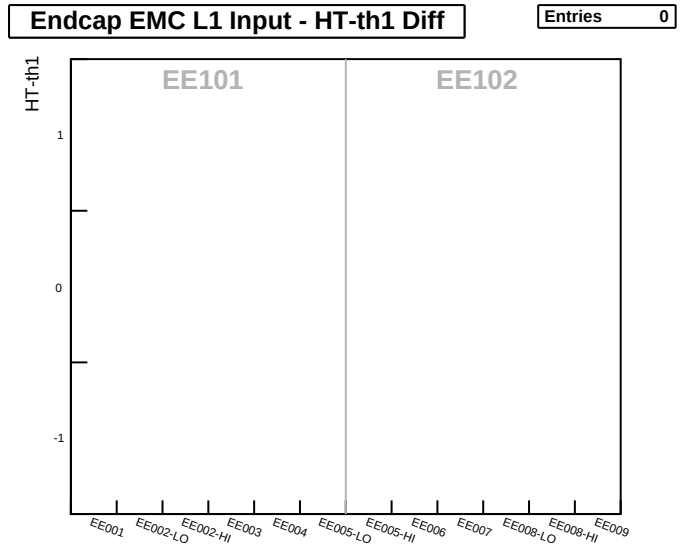

Endcap EMC L1 Input - High Eta Sum
Entries 9.6e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

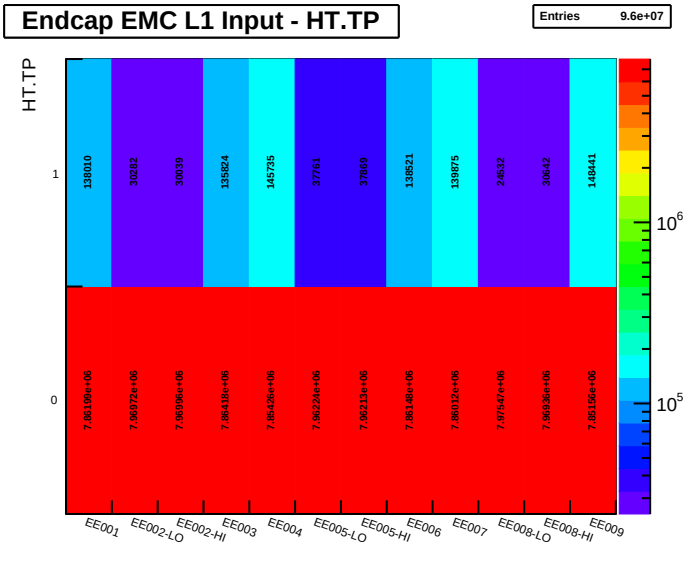

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

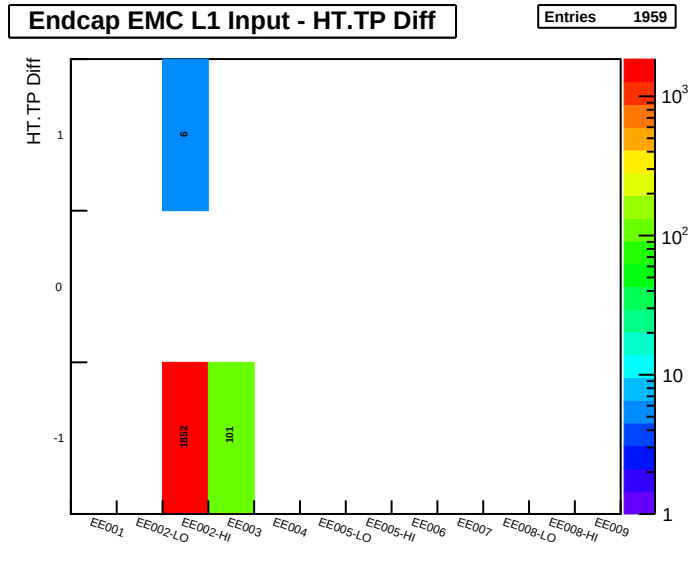

Endcap EMC L1 Input - HT-th0
Entries 9.6e+07
HT-th0
EE101
EE102
1
0
11556 2692 2373 11916 12332 3833 3880 11693 11579 2177 3886 12240
7.98844e+06 7.99731e+06 7.99713e+06 7.98806e+06 7.98767e+06 7.99617e+06 7.99632e+06 7.98831e+06 7.98842e+06 7.99782e+06 7.9961e+06 7.98776e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4

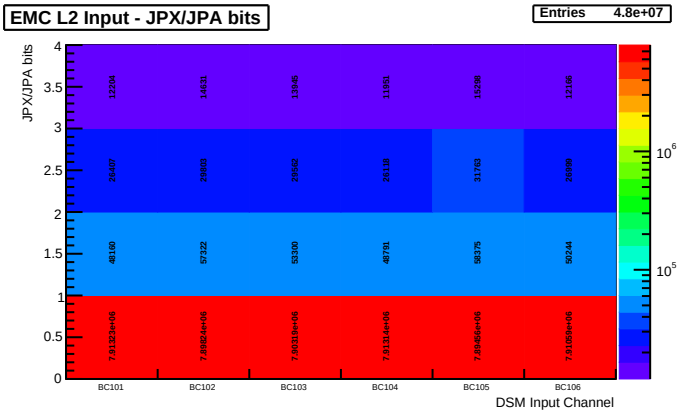

Endcap EMC L1 Input - HT-th0 Diff
Entries 7
HT-th0
EE101
EE102
1
0
-1
7
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
1

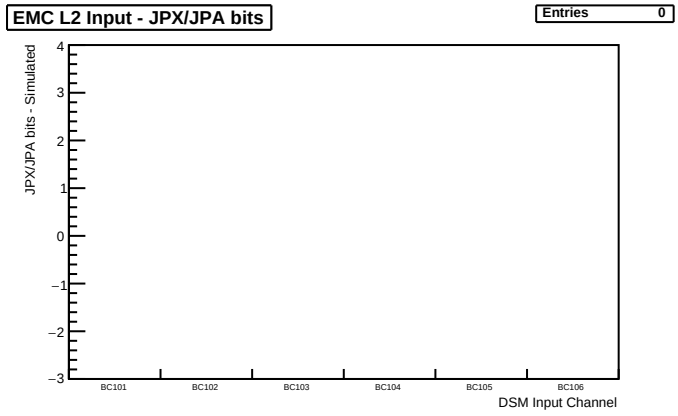

Endcap EMC L1 Input - HT-th1
Entries 9.6e+07
HT-th1
EE101
EE102
1
0
5223 1201 1330 5421 5600 1752 1667 5377 5239 933 1814 5523
7.93478e+06 7.9988e+05 7.93867e+06 7.93458e+06 7.9344e+06 7.93825e+06 7.93833e+06 7.93462e+06 7.93476e+06 7.93907e+06 7.93819e+06 7.93448e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

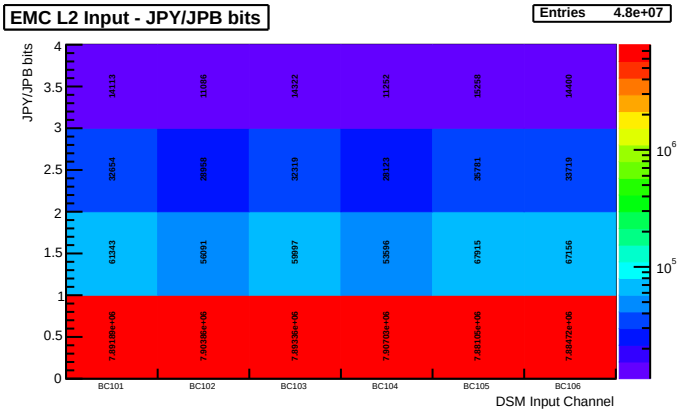

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

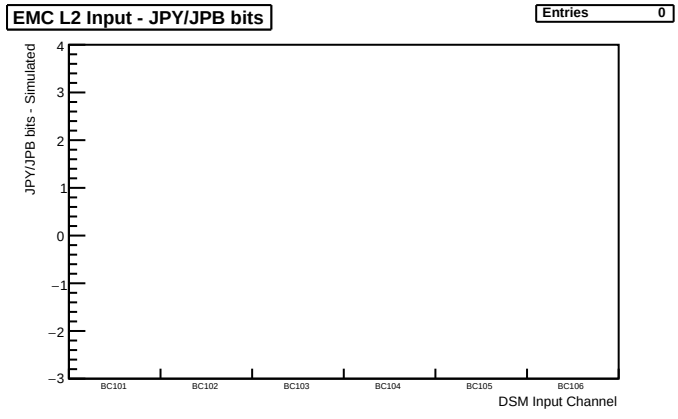

Endcap EMC L1 Input - HT.TP
Entries 9.6e+07
HT.TP
1
0
138010 30232 30039 135824 145735 37761 37669 138521 139875 24532 30642 149441
7.86198e+06 7.96972e+05 7.96096e+06 7.86418e+06 7.85426e+06 7.96224e+06 7.96213e+06 7.86148e+06 7.85012e+06 7.97547e+06 7.96936e+06 7.85156e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5

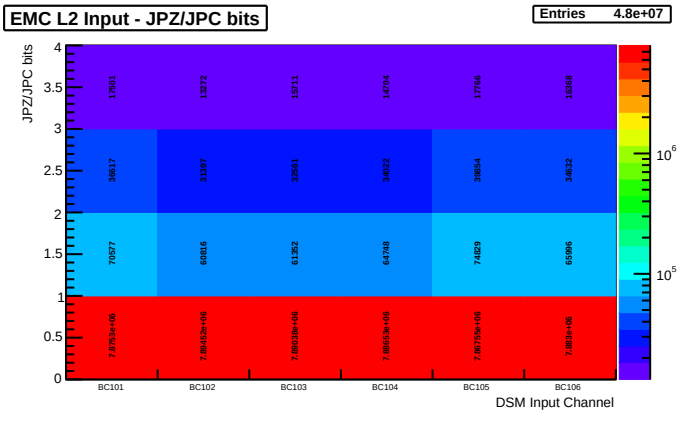

Endcap EMC L1 Input - HT.TP Diff
Entries 1959
HT.TP Diff
1
0
-1
6
1852
101
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^3
10^2
10
1

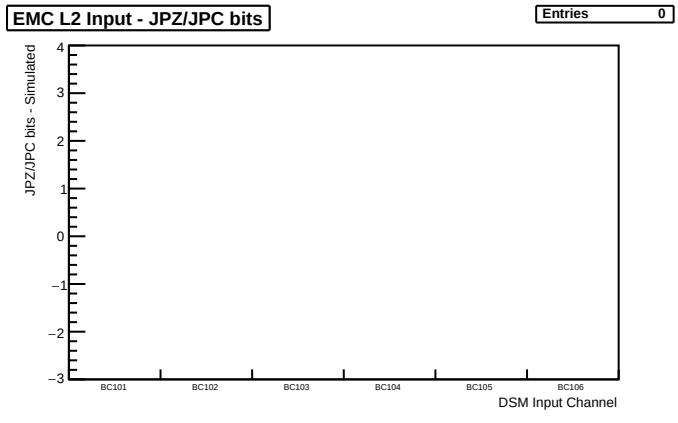

EMC L2 Input - JPX/JPA bits
Entries 4.8e+07
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
12204 14631 13945 11951 15238 12166
26407 29803 29562 26118 31763 26699
48160 57322 53300 48791 58375 50244
7.91323e+06 7.89824e+06 7.90019e+06 7.91314e+06 7.89456e+06 7.91059e+06

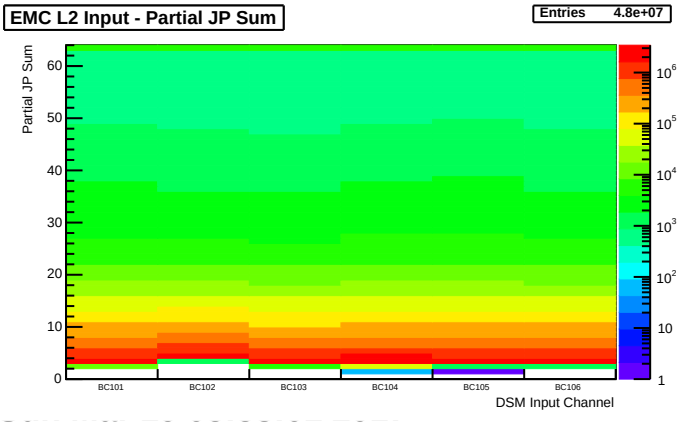

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

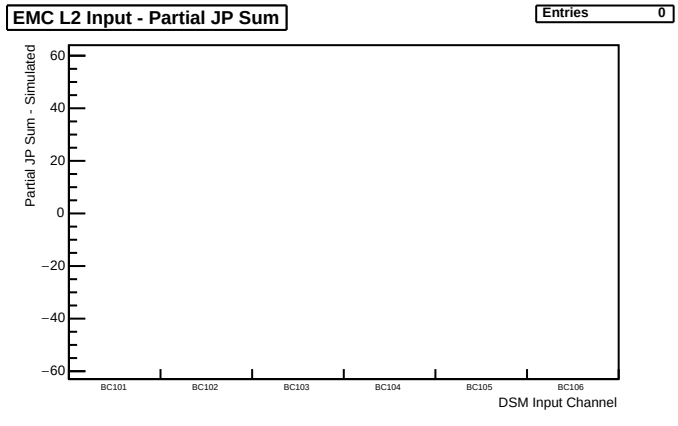

EMC L2 Input - JPY/JPB bits
Entries 4.8e+07
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
14113 11086 14322 11252 15258 14400
32654 28958 32319 28123 35781 33719
61343 56091 59997 53596 67915 67156
7.89189e+06 7.90386e+06 7.89336e+06 7.90703e+06 7.88105e+06 7.89472e+06

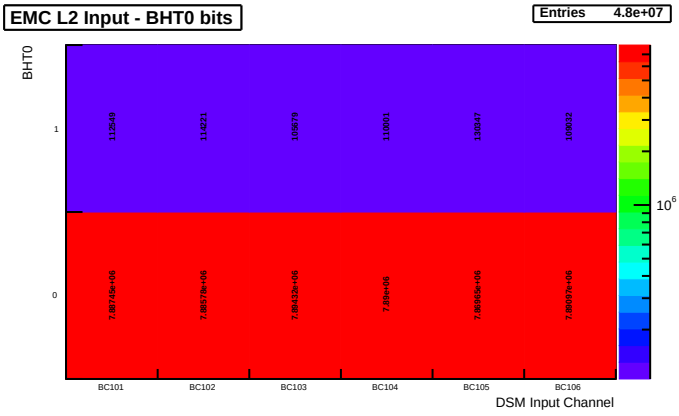

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

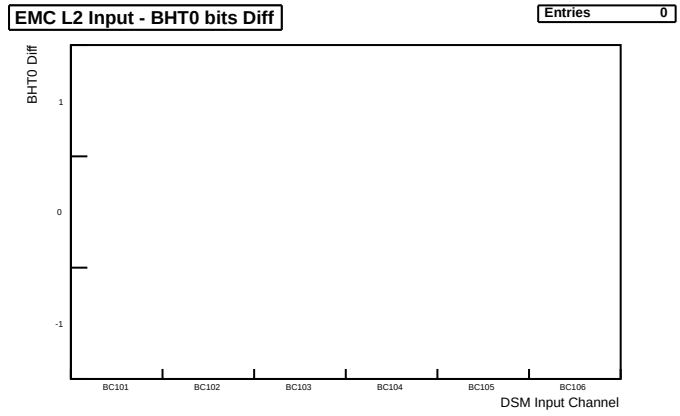

EMC L2 Input - JPZ/JPC bits
Entries 4.8e+07
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
17501 13272 15711 14704 17766 16368
36617 31397 32561 34422 39854 34632
70977 60816 61352 64748 74829 65996
7.47534e+06 7.89452e+06 7.86038e+06 7.88653e+06 7.86756e+06 7.8834e+06

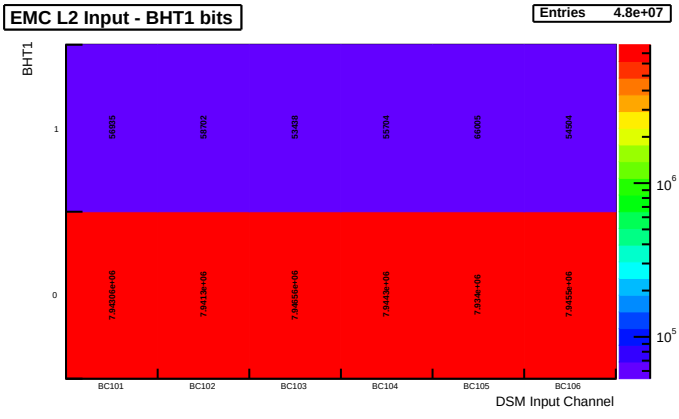

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

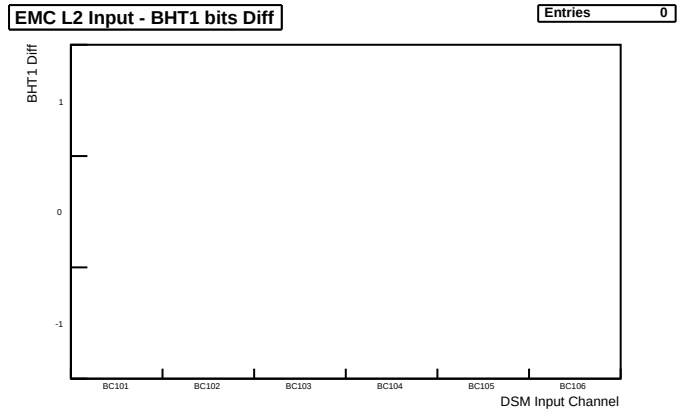

EMC L2 Input - Partial JP Sum
Entries 4.8e+07
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

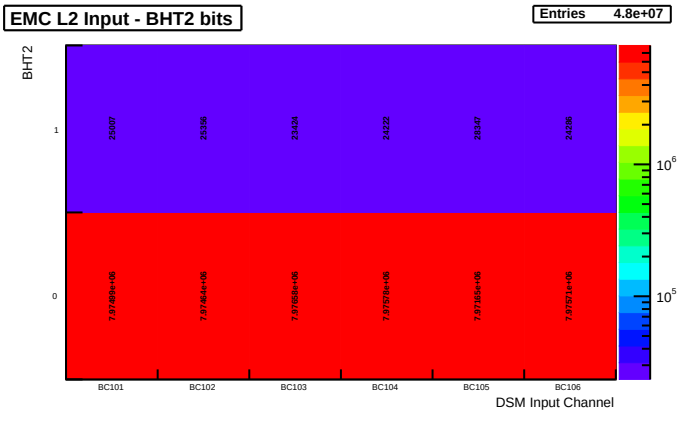

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

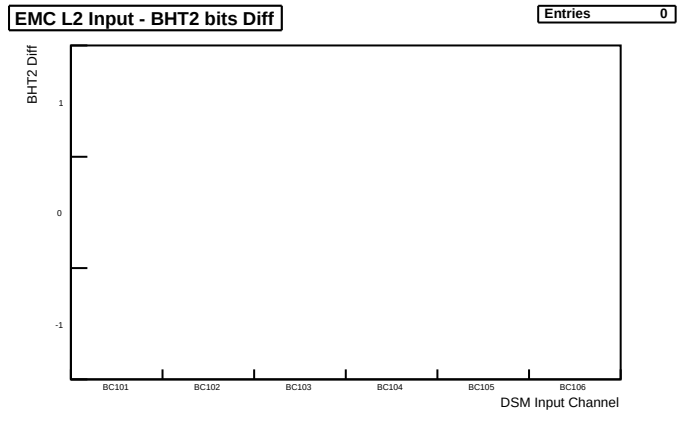

EMC L2 Input - BHT0 bits
Entries 4.8e+07
BHT0
1
0
112549
114221
109579
110001
130347
109032
7.85745e+06
7.85579e+06
7.85432e+06
7.89e+06
7.85965e+06
7.85097e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

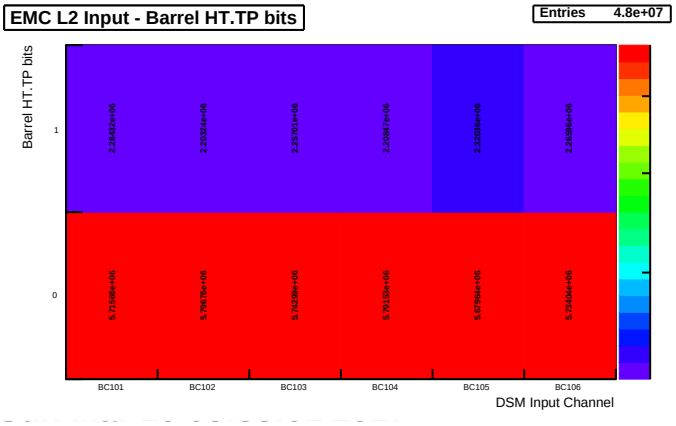

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

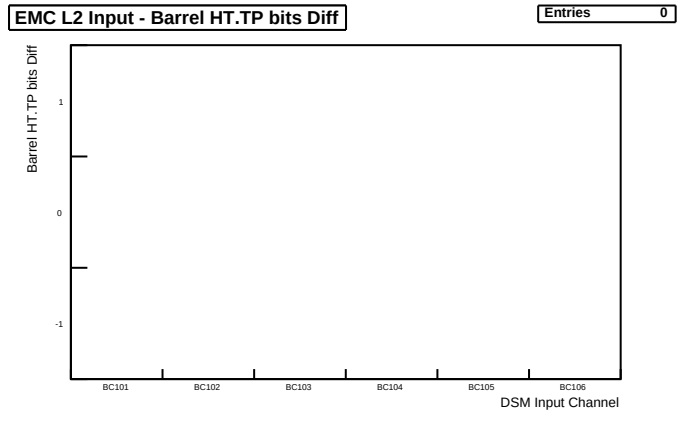

EMC L2 Input - BHT1 bits
Entries 4.8e+07
BHT1
1
0
56895
58702
53458
55704
66005
54504
7.94506e+06
7.9413e+06
7.94656e+06
7.9443e+06
7.934e+06
7.94556e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

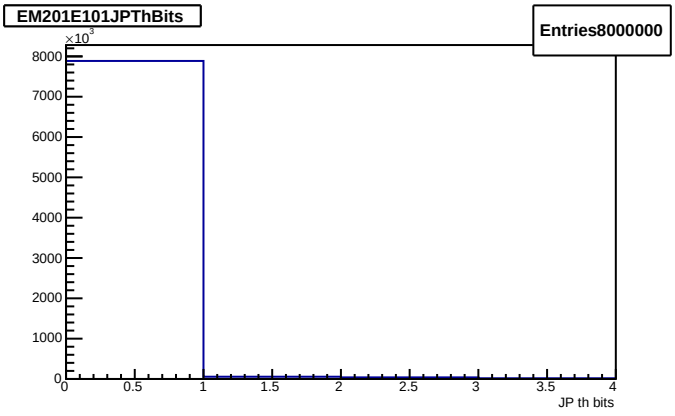

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

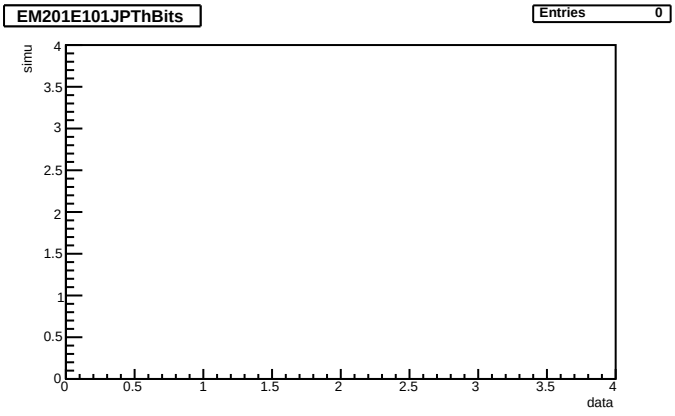

EMC L2 Input - BHT2 bits
Entries 4.8e+07
BHT2
1
0
25307
25356
23424
24222
28347
24026
7.97499e+06
7.97454e+06
7.97658e+06
7.97578e+06
7.97654e+06
7.97571e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

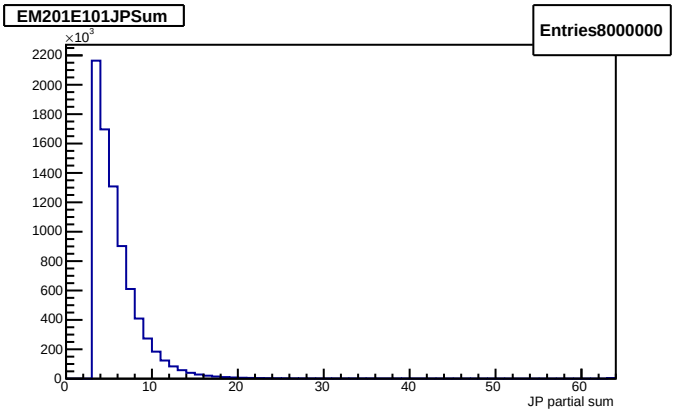

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

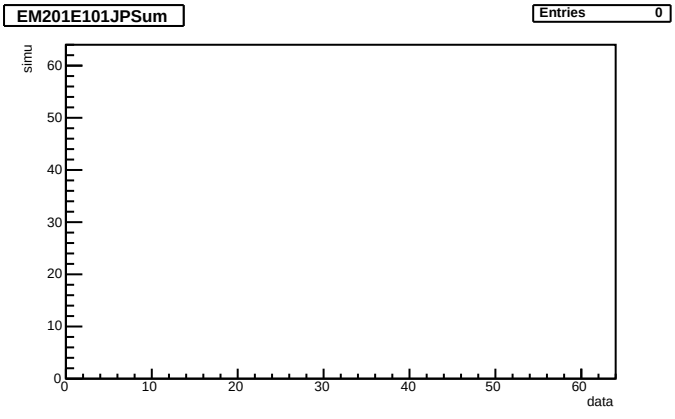

EMC L2 Input - Barrel HT.TP bits
Entries 4.8e+07
Barrel HT.TP bits
1
0
2.23452e+06
2.2032e+06
2.25701e+06
2.20947e+06
2.3208e+06
2.26596e+06
5.71588e+06
5.78678e+06
5.74299e+06
5.78153e+06
5.67964e+06
5.72404e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

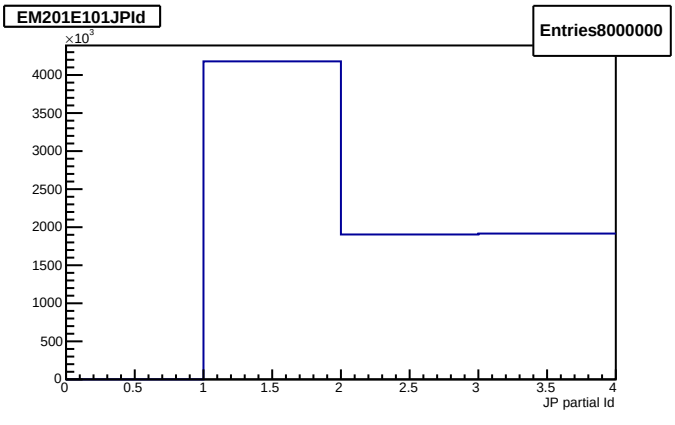

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

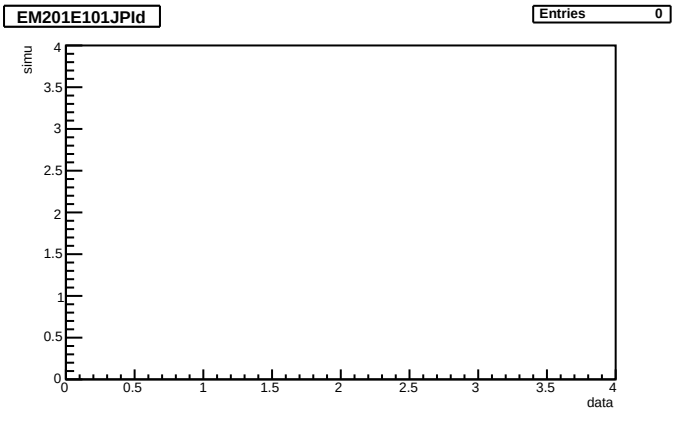

EM201E101JPThBits
Entries8000000
×10^3
JP th bits

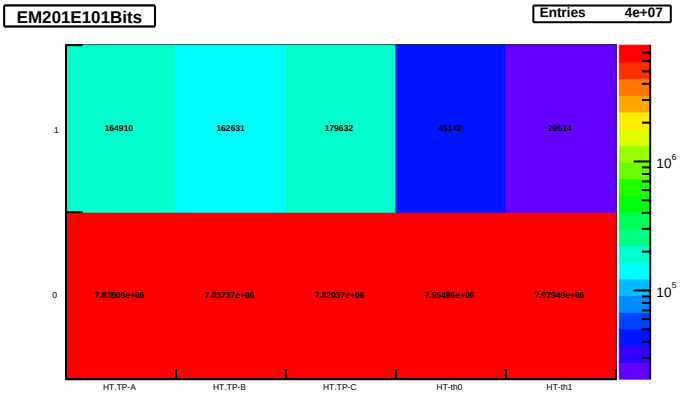

EM201E101JPThBits
Entries 0
simu
data

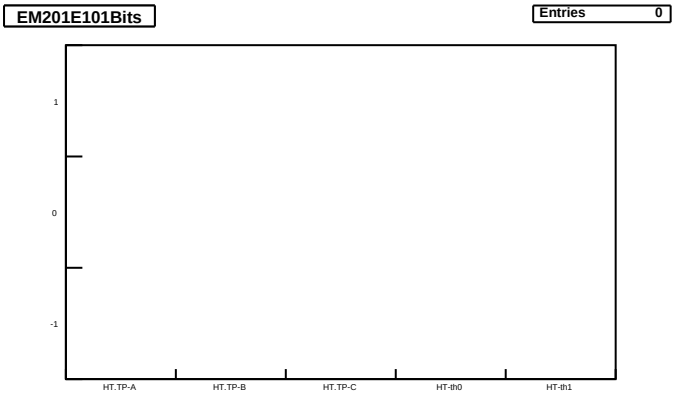

EM201E101JPSum
Entries8000000
×10^3
JP partial sum

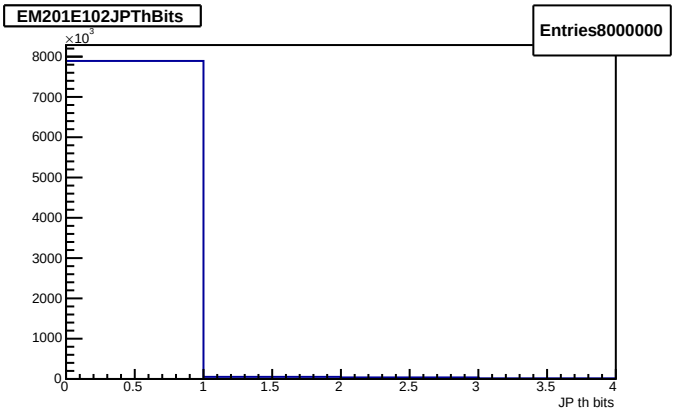

EM201E101JPSum
Entries 0
simu
data

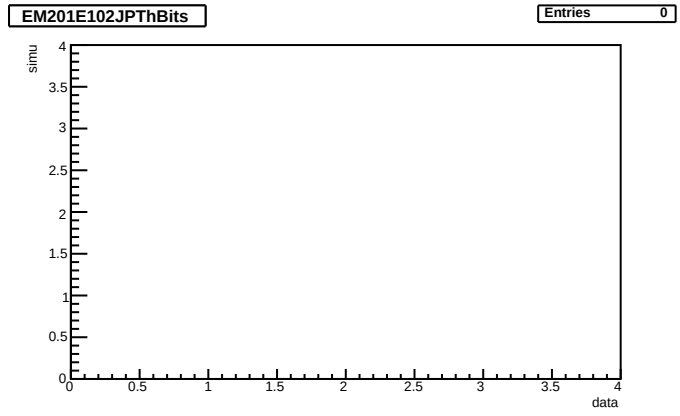

EM201E101JPId
Entries8000000
×10^3
JP partial Id

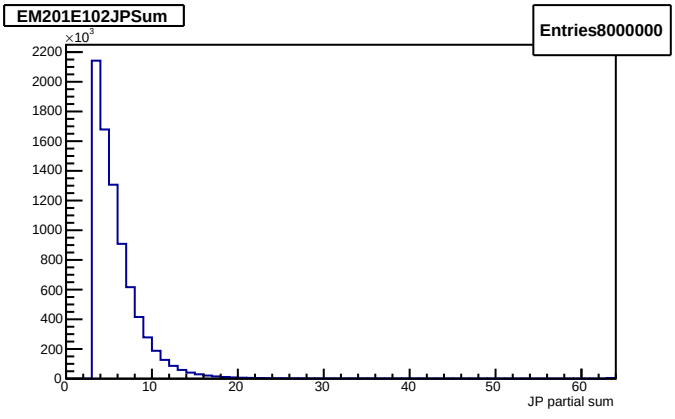

EM201E101JPId
Entries 0
simu
data

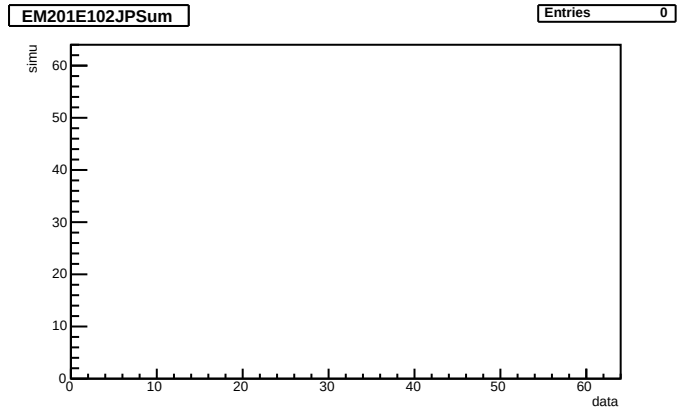

EM201E101Bits
Entries 4e+07
164910
162631
179632
45142
20514
7.83509e+06
7.83737e+06
7.82037e+06
7.95486e+06
7.97949e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

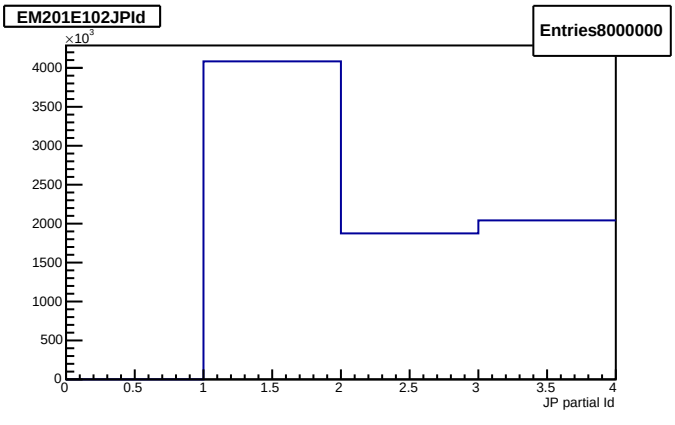

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

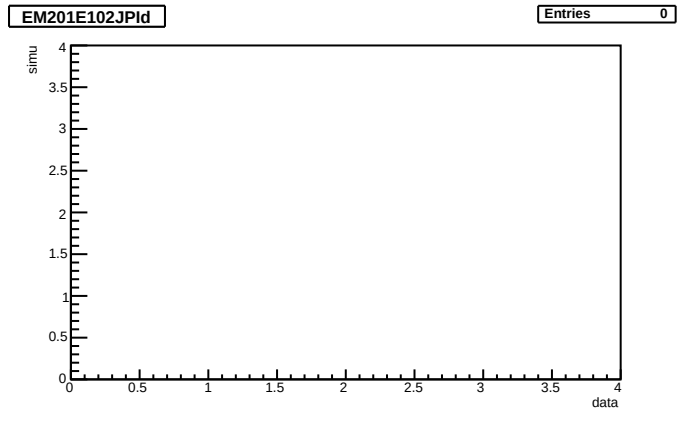

EM201E102JPThBits
Entries8000000
×10^3
JP th bits

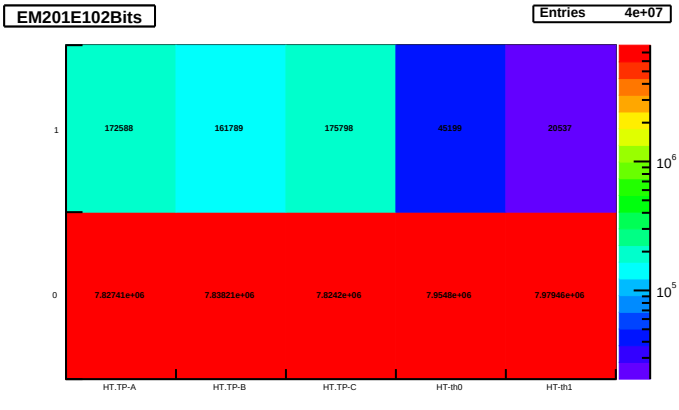

EM201E102JPThBits
Entries 0
simu
data

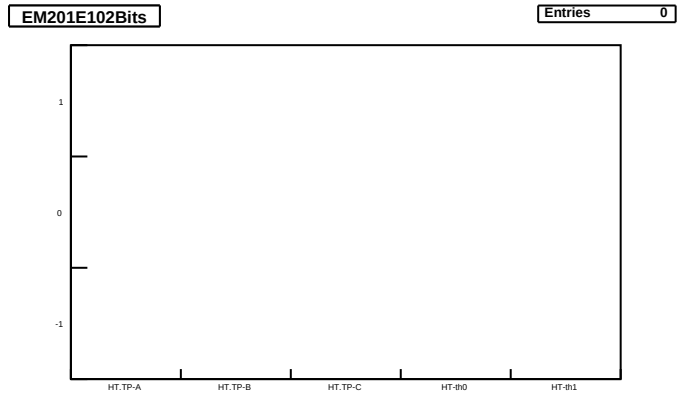

EM201E102JPSum
Entries8000000
×10^3
JP partial sum

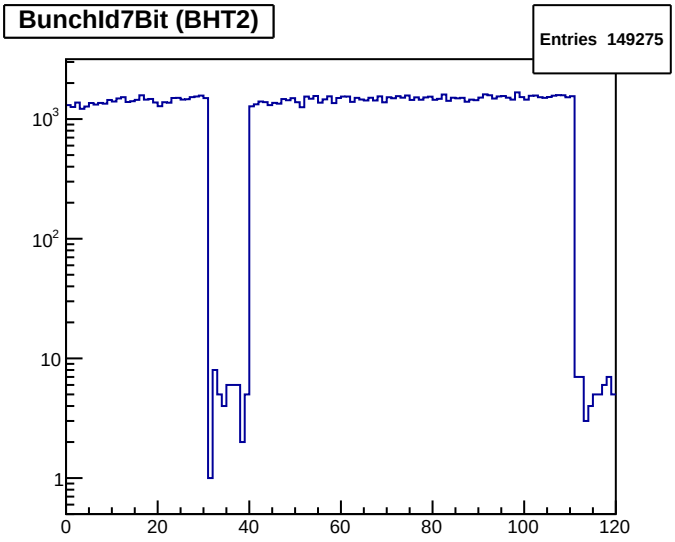

EM201E102JPSum
Entries 0
simu
data

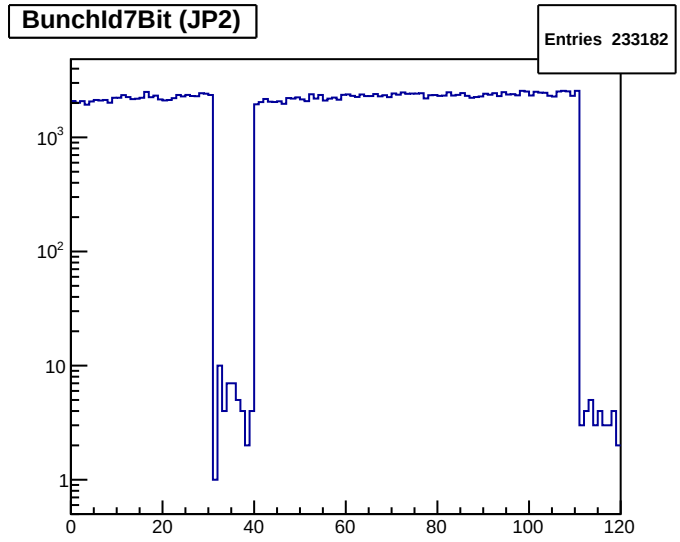

EM201E102JPId
Entries8000000
×10^3
JP partial Id

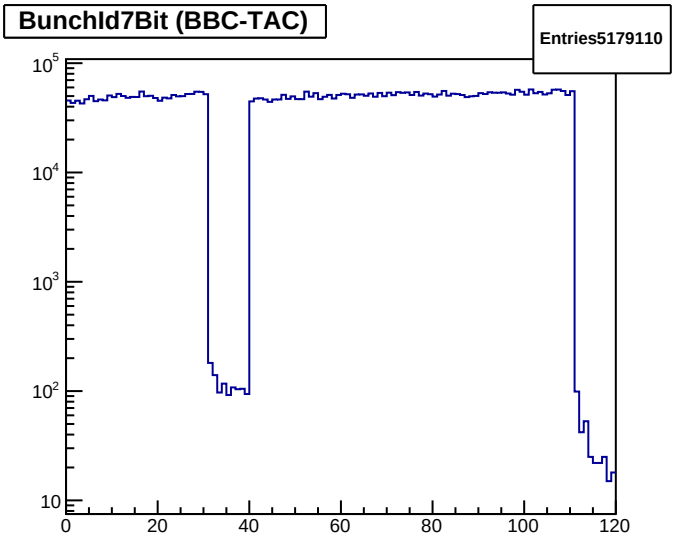

EM201E102JPId
Entries 0
simu
data

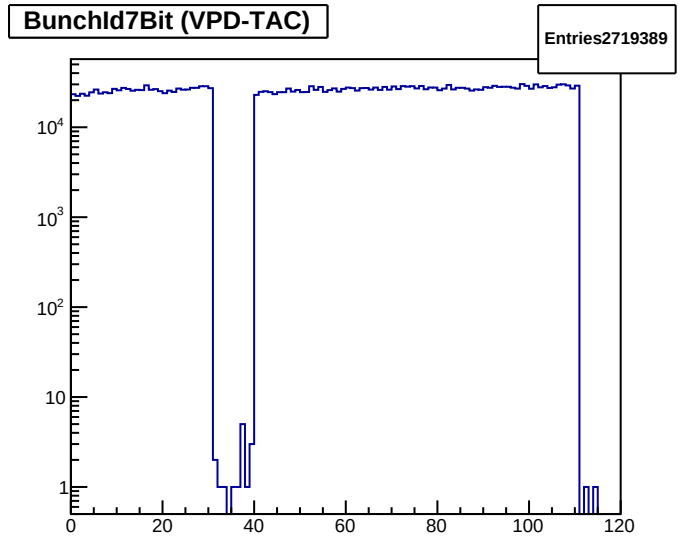

EM201E102Bits
Entries 4e+07
172588
161789
175798
45199
20537
7.82741e+06
7.83821e+06
7.8242e+06
7.9548e+06
7.97946e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

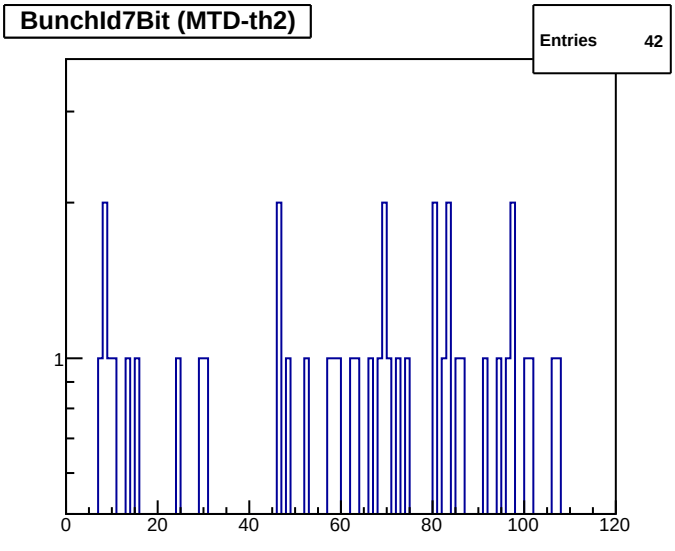

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

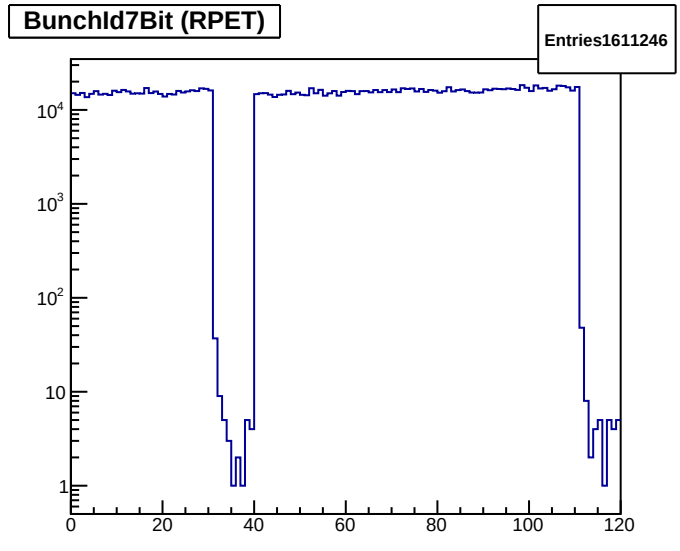

BunchId7Bit (BHT2)
Entries 149275

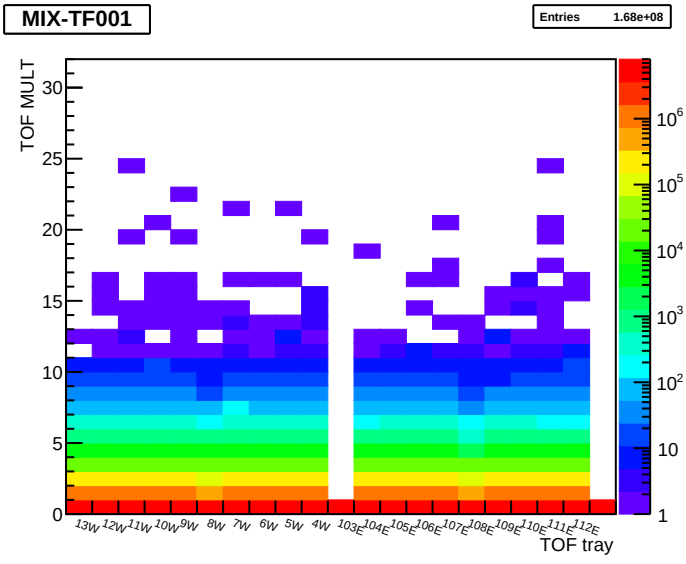

BunchId7Bit (JP2)
Entries 233182

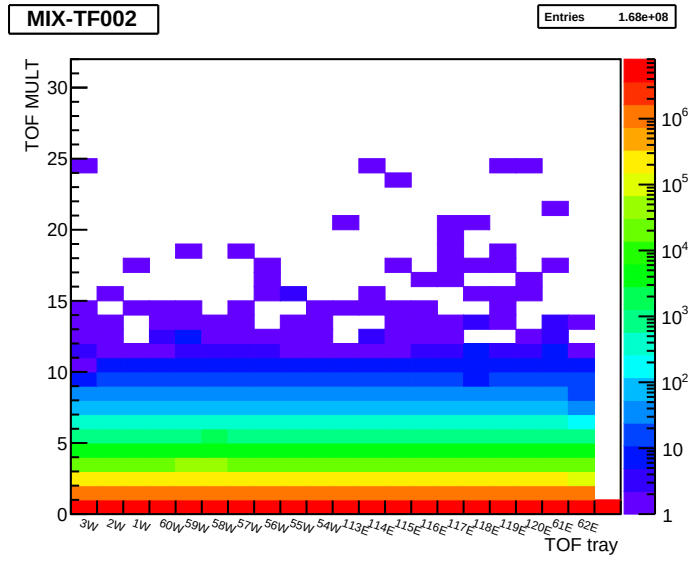

BunchId7Bit (BBC-TAC)
Entries5179110

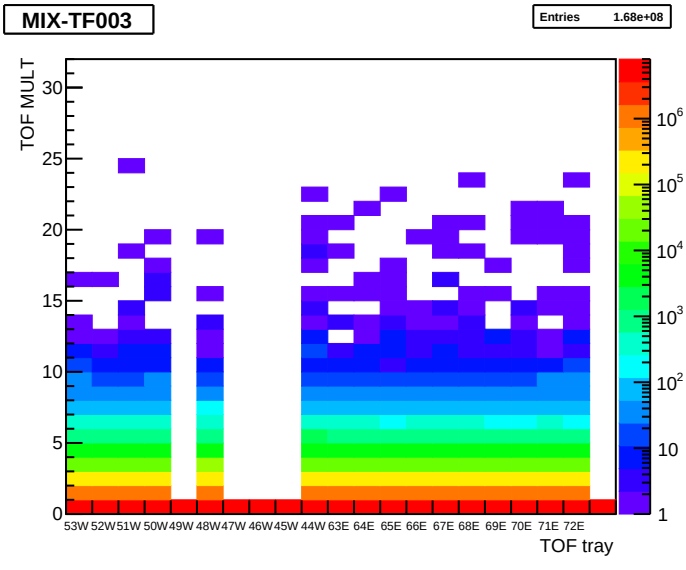

BunchId7Bit (VPD-TAC)
Entries2719389

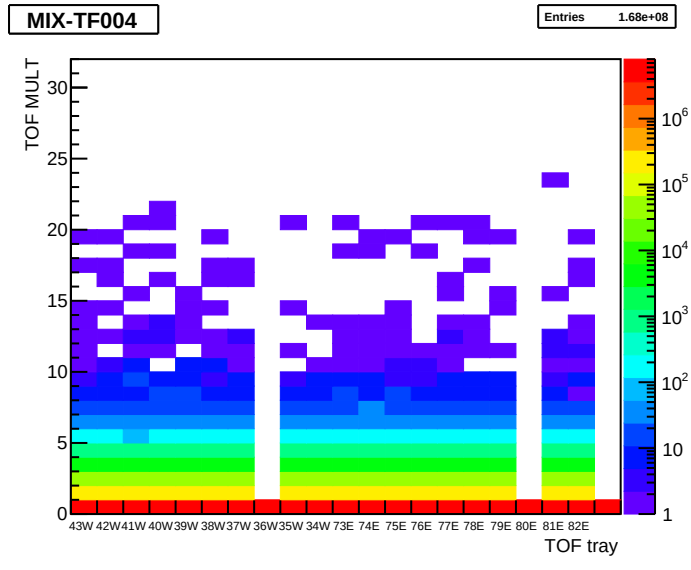

BunchId7Bit (MTD-th2)
Entries 42

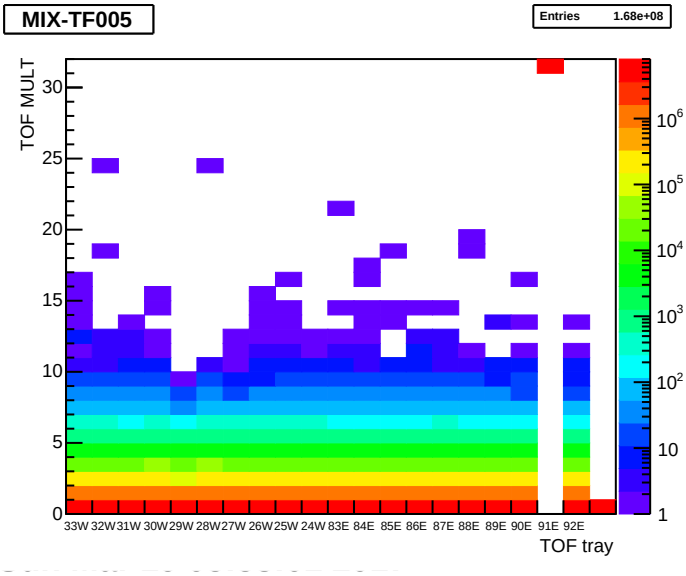

BunchId7Bit (RPET)
Entries1611246

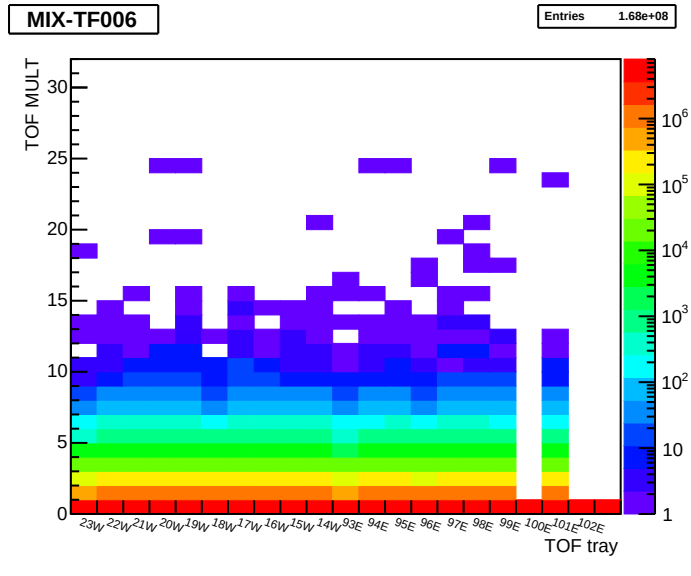

MIX-TF001
Entries 1.68e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

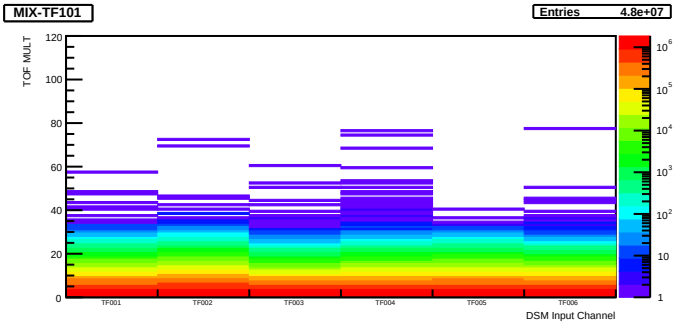

MIX-TF002
Entries 1.68e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

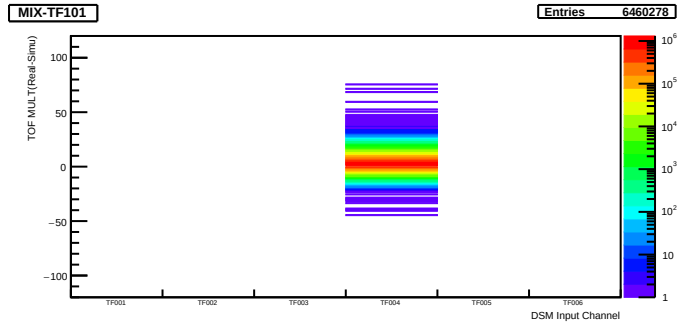

MIX-TF003
Entries 1.68e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

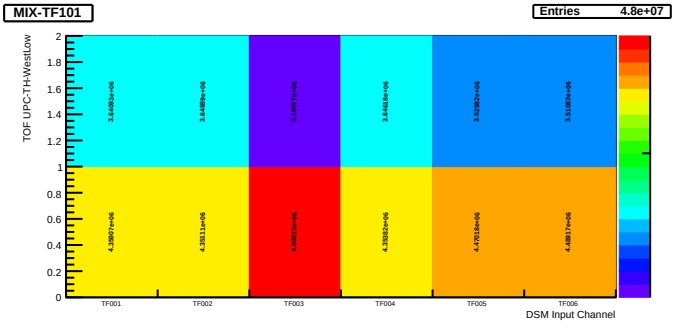

MIX-TF004
Entries 1.68e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

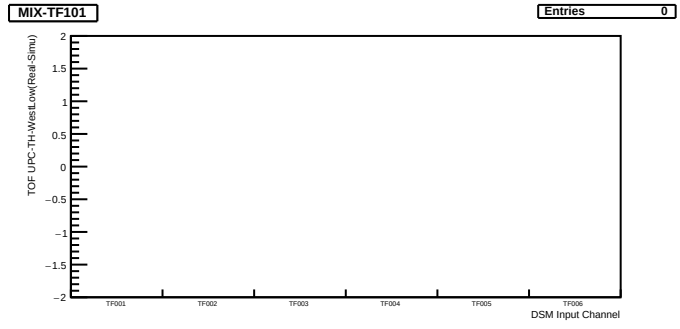

MIX-TF005
Entries 1.68e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

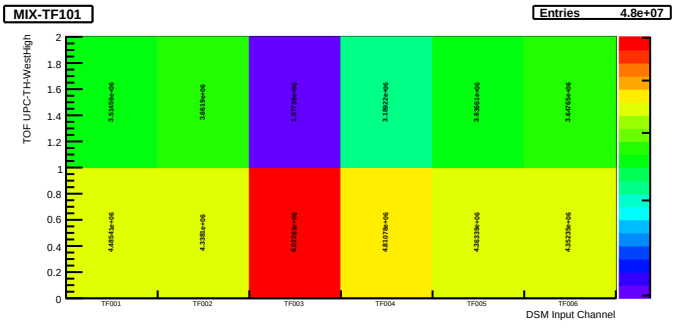

MIX-TF006
Entries 1.68e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

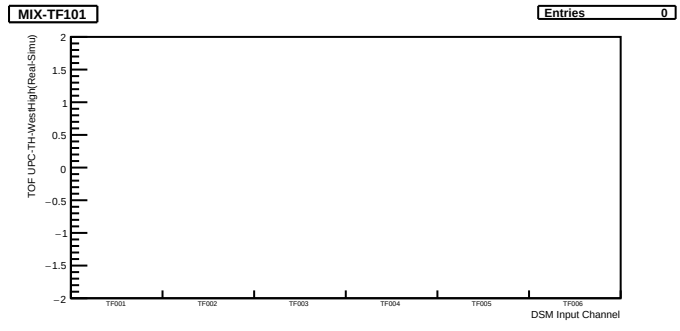

MIX-TF101
Entries 4.8e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

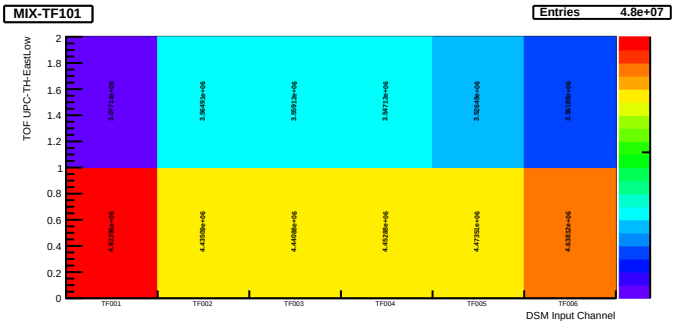

MIX-TF101
Entries 6460278
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

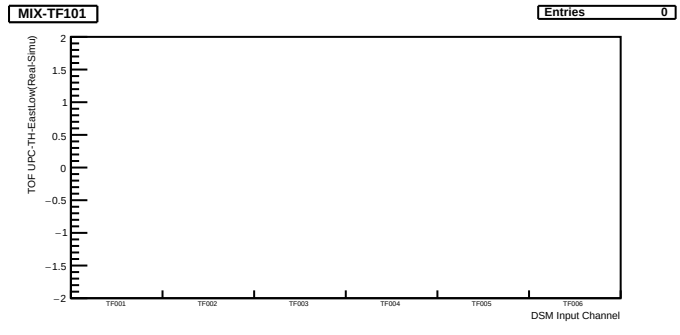

MIX-TF101
Entries 4.8e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

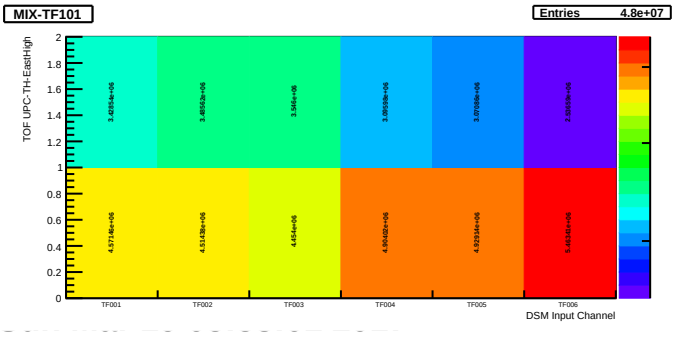

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

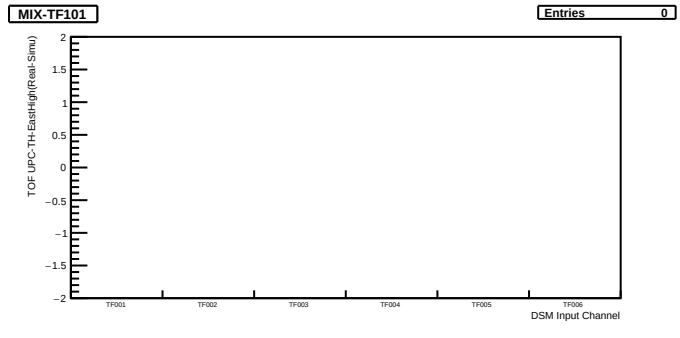

MIX-TF101
Entries 4.8e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

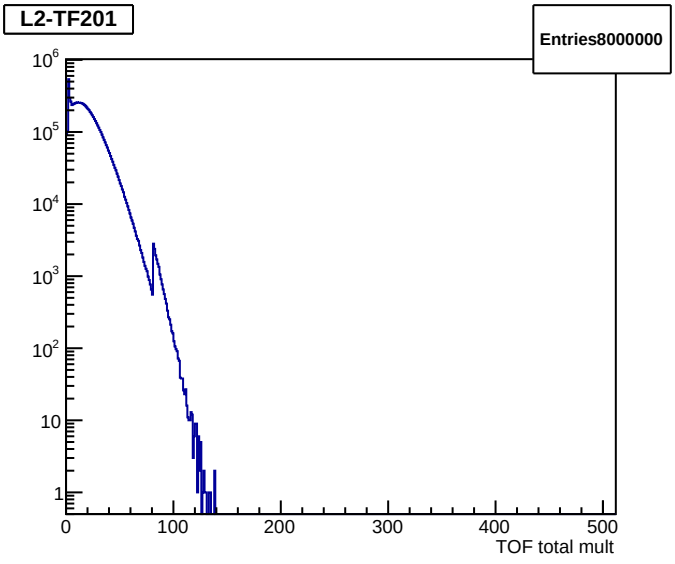

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

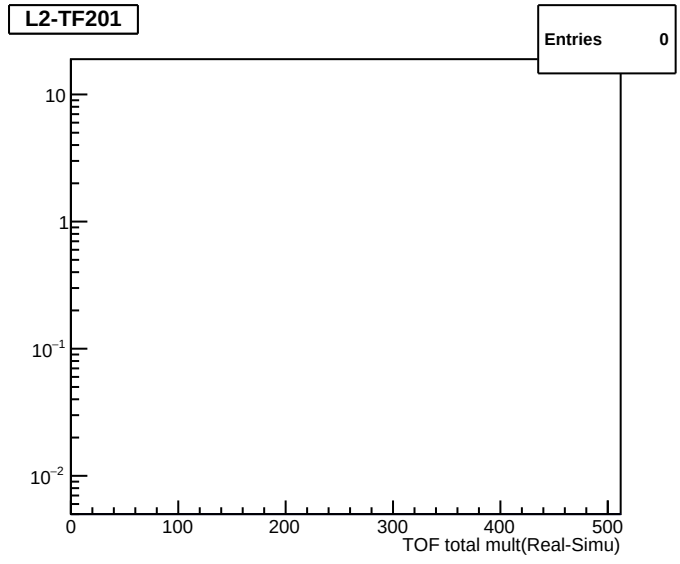

MIX-TF101
Entries 4.8e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

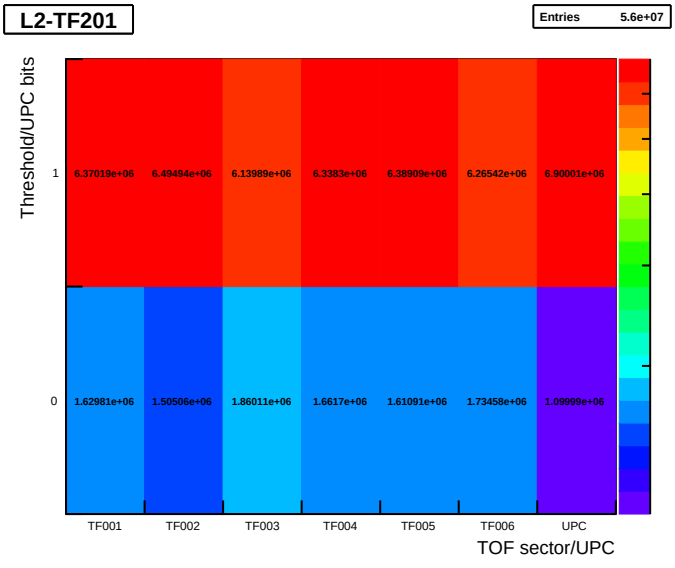

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

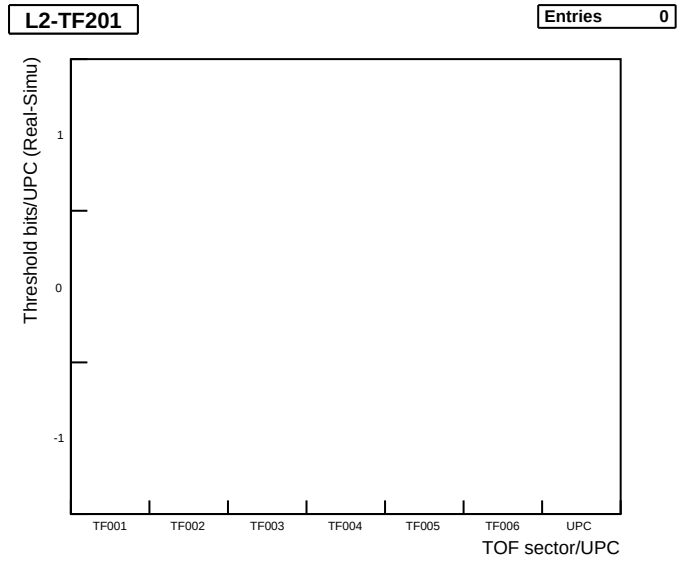

MIX-TF101
Entries 4.8e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

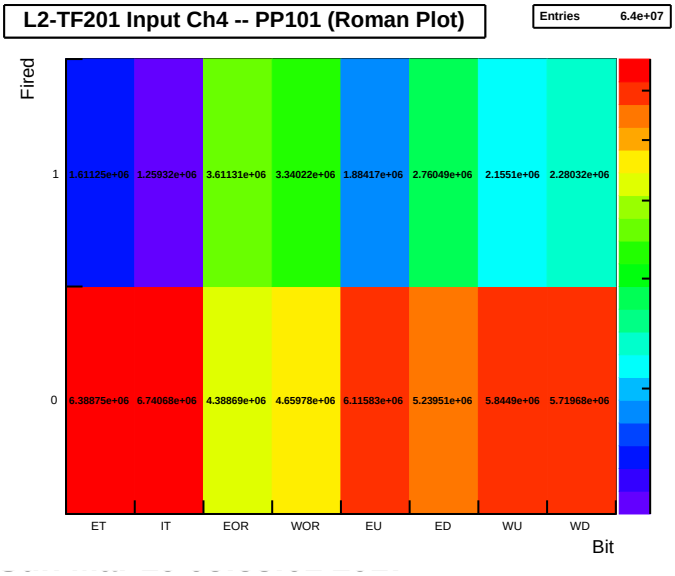

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

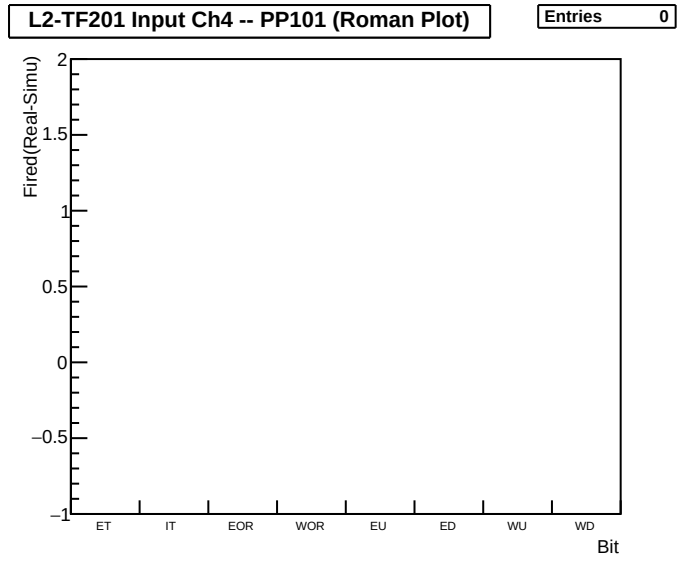

L2-TF201
Entries8000000
TOF total mult

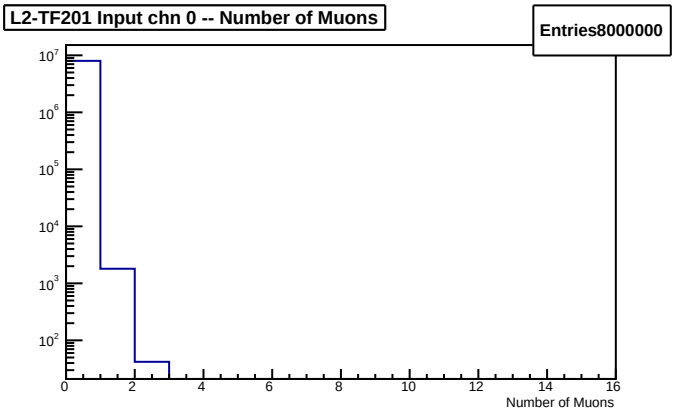

L2-TF201
Entries 0
TOF total mult(Real-Simu)

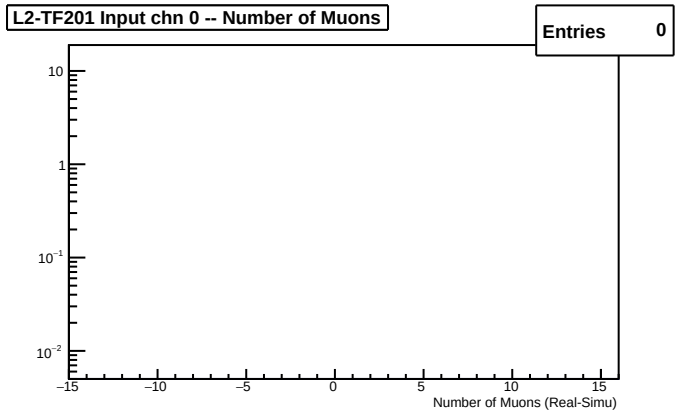

L2-TF201
Entries 5.6e+07
Threshold/UPC bits
6.37019e+06
6.49494e+06
6.13989e+06
6.3383e+06
6.38909e+06
6.26542e+06
6.90001e+06
1.62981e+06
1.50506e+06
1.86011e+06
1.6617e+06
1.61091e+06
1.73458e+06
1.09999e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

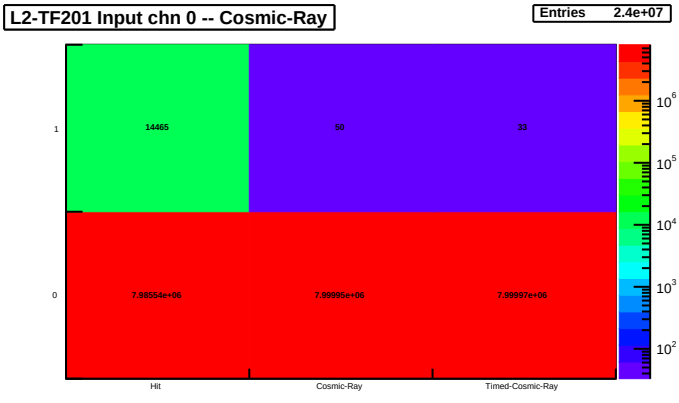

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

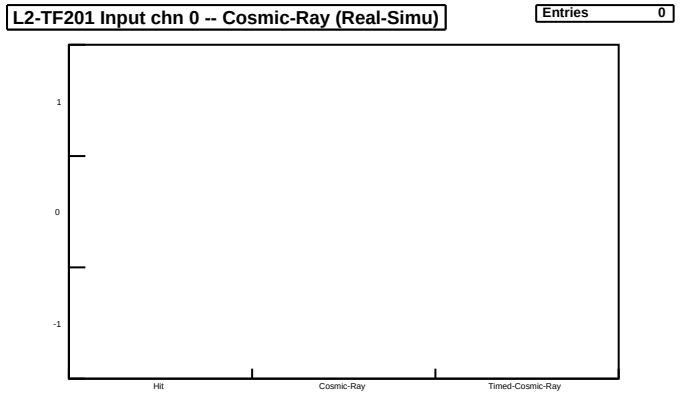

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 6.4e+07
Fired
1.61125e+06
1.25932e+06
3.61131e+06
3.34022e+06
1.88417e+06
2.76049e+06
2.1551e+06
2.28032e+06
6.38875e+06
6.74068e+06
4.38869e+06
4.65978e+06
6.11583e+06
5.23951e+06
5.8449e+06
5.71968e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

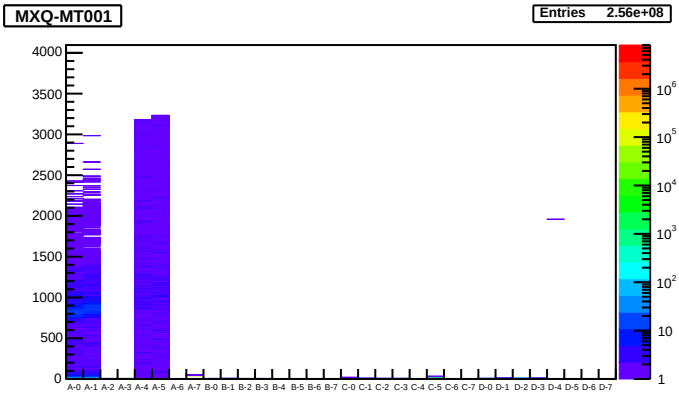

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

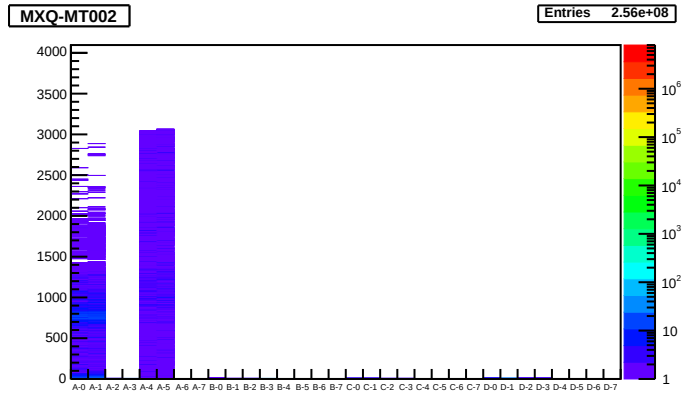

L2-TF201 Input chn 0 -- Number of Muons
Entries8000000
Number of Muons

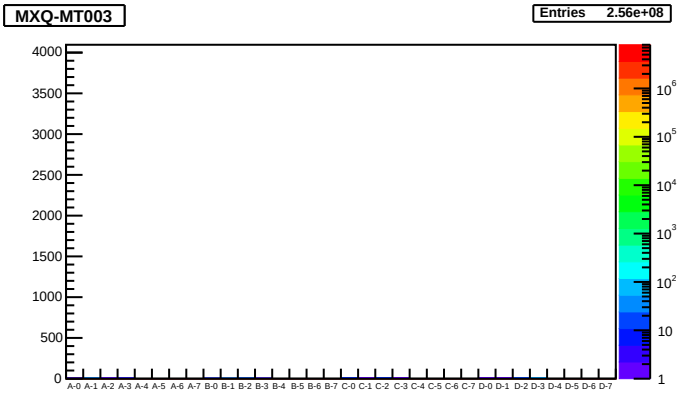

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

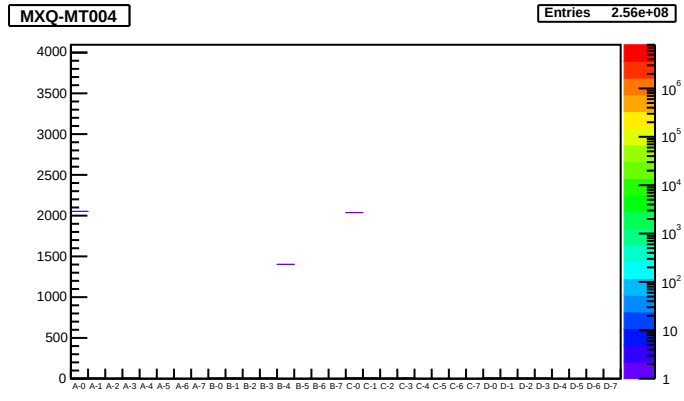

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.4e+07
14465
50
33
7.98554e+06
7.99995e+06
7.99997e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

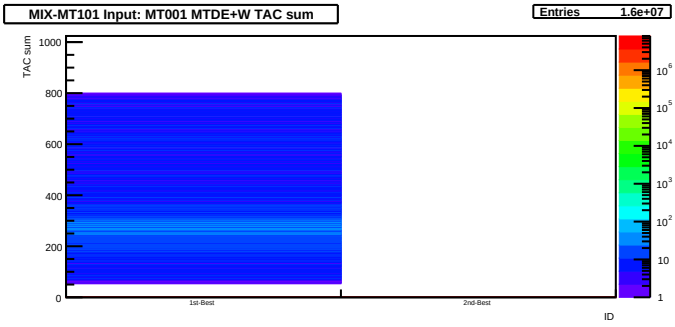

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

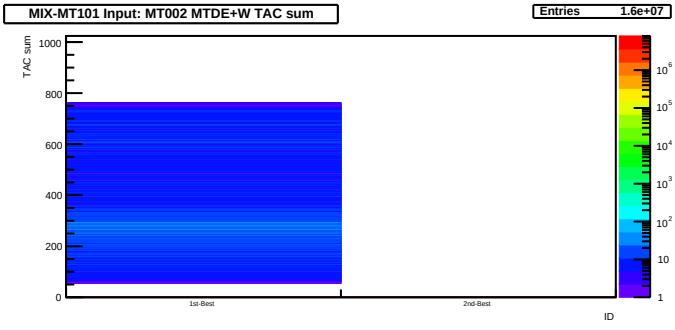

MXQ-MT001
Entries 2.56e+08

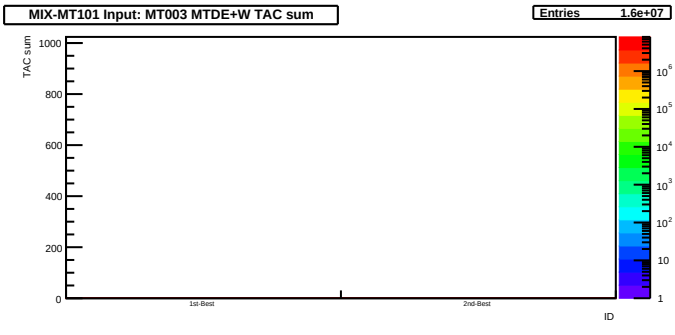

MXQ-MT002
Entries 2.56e+08

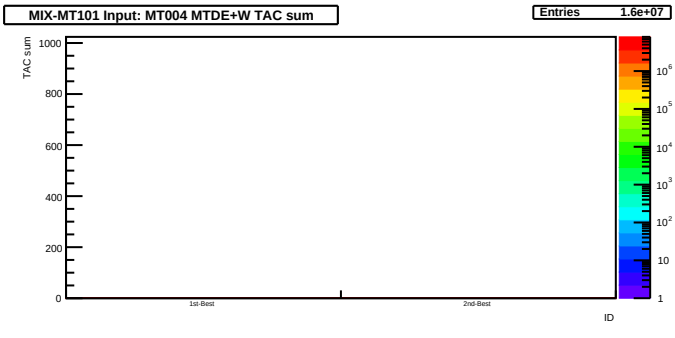

MXQ-MT003
Entries 2.56e+08

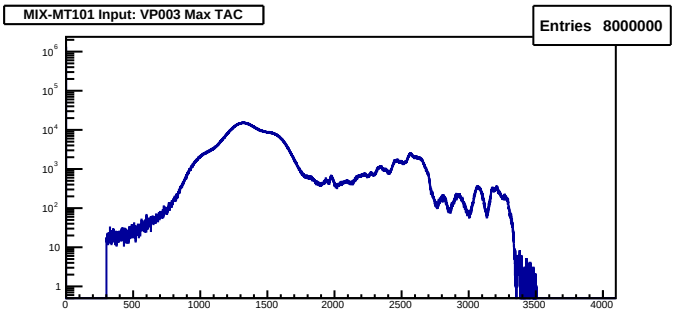

MXQ-MT004
Entries 2.56e+08

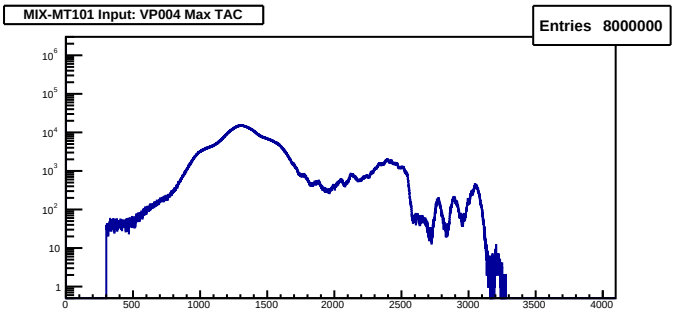

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.6e+07
TAC sum
1st-Best
2nd-Best
ID

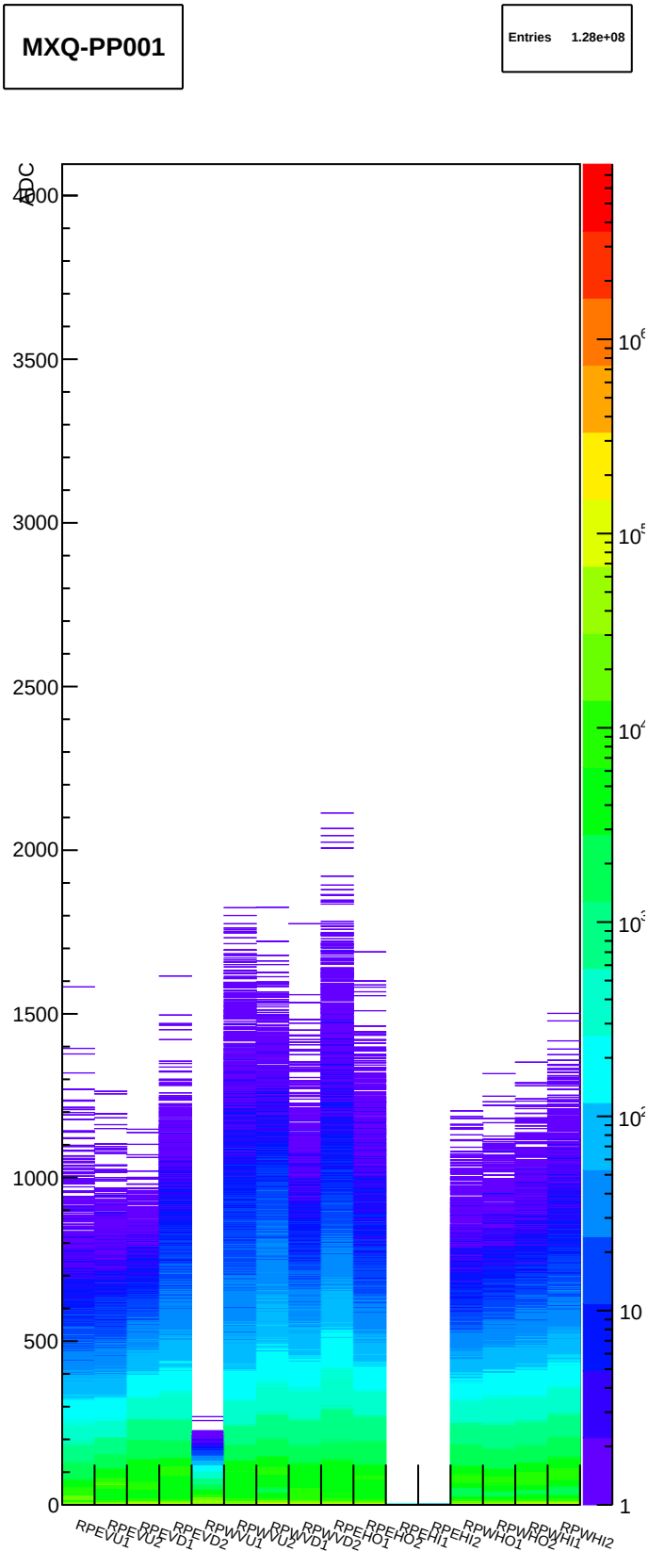

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.6e+07
TAC sum
1st-Best
2nd-Best
ID

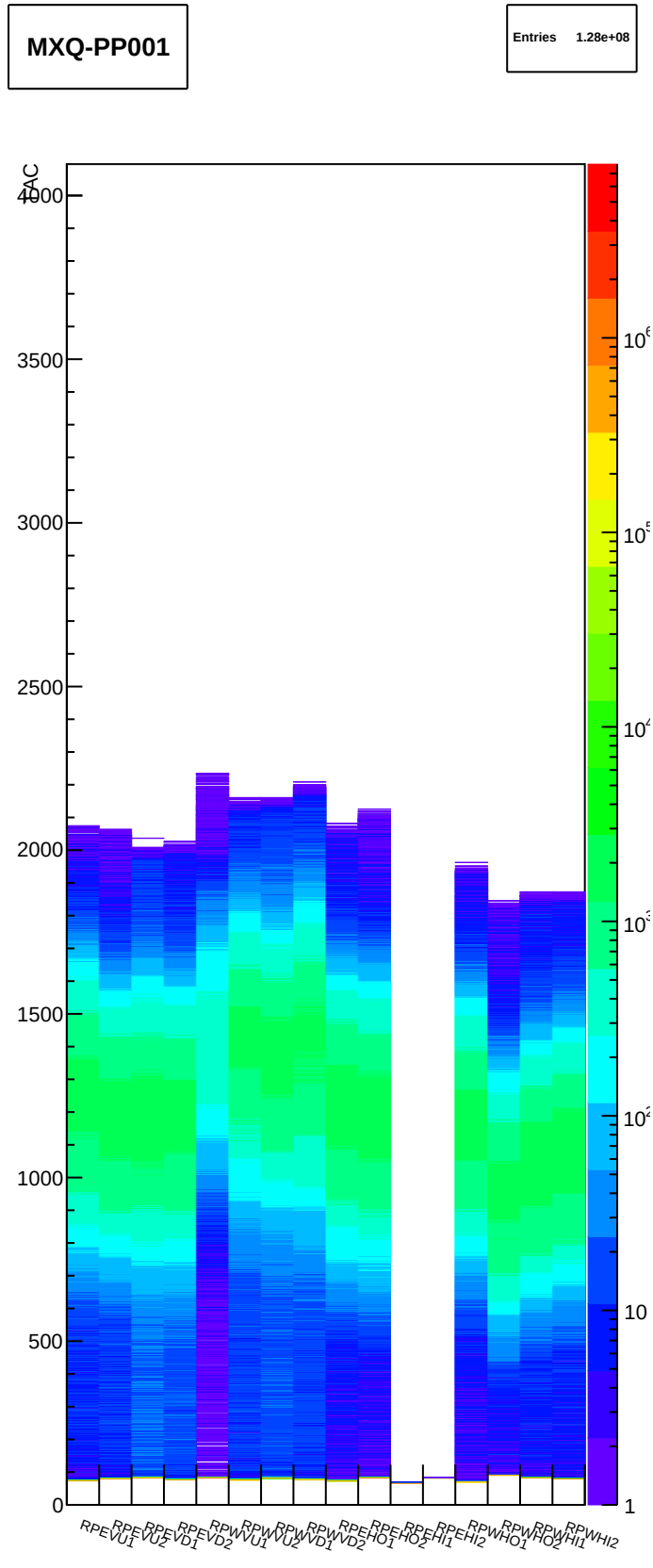

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.6e+07
TAC sum
1st-Best
2nd-Best
ID

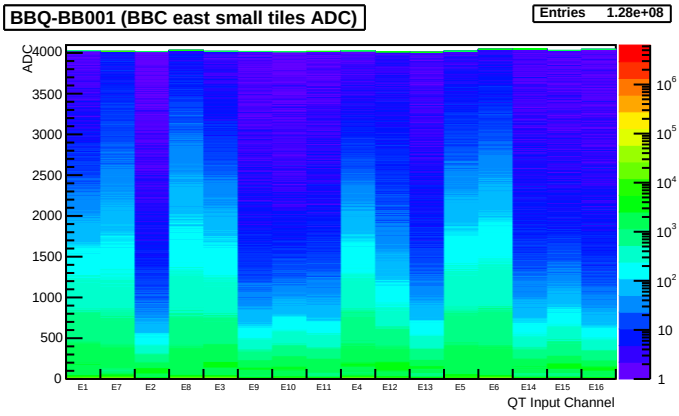

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.6e+07
TAC sum
1st-Best
2nd-Best
ID

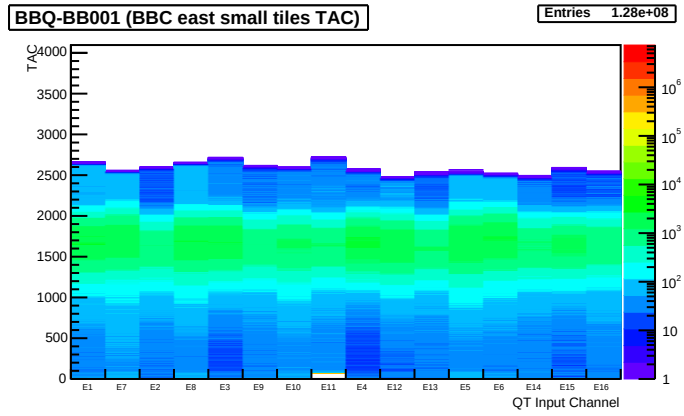

MIX-MT101 Input: VP003 Max TAC
Entries 8000000

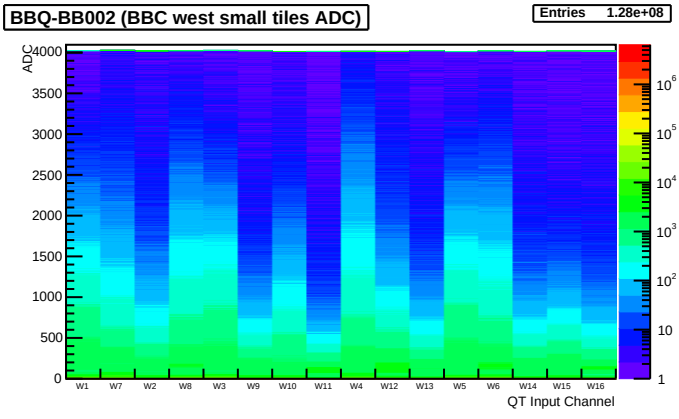

MIX-MT101 Input: VP004 Max TAC
Entries 8000000

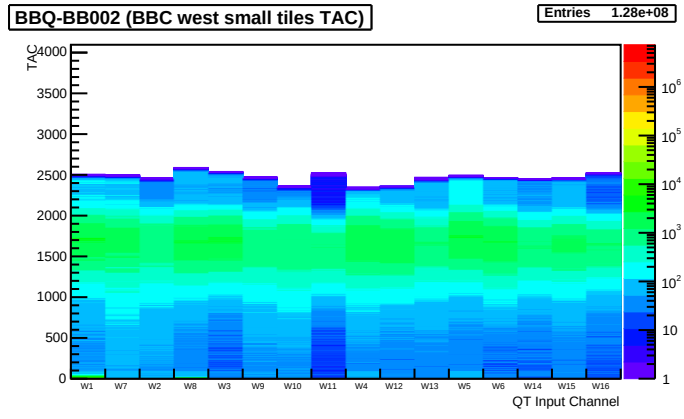

MXQ-PP001
Entries 1.28e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

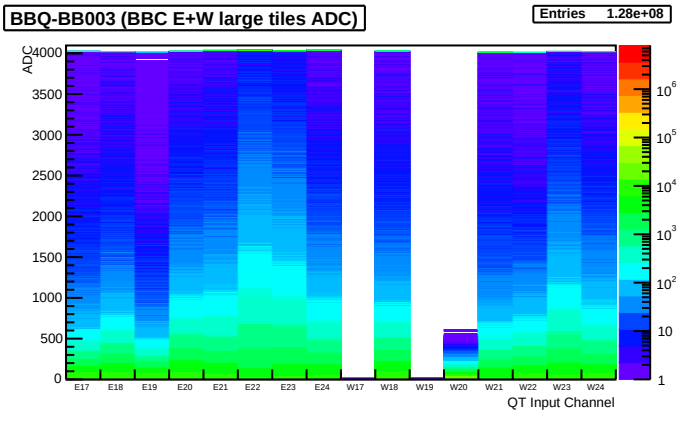

MXQ-PP001
Entries 1.28e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

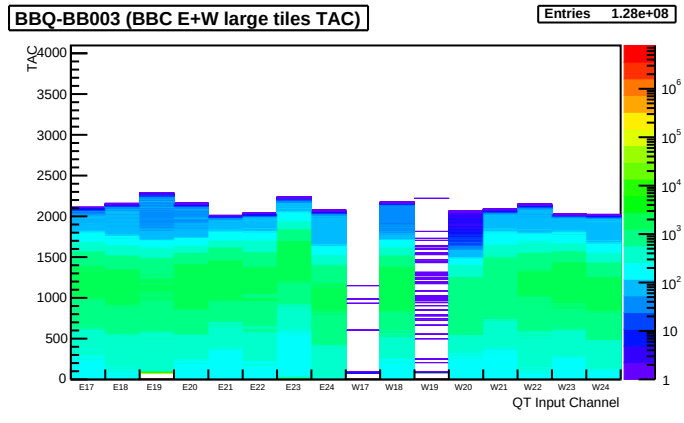

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.28e+08
ADC
QT Input Channel

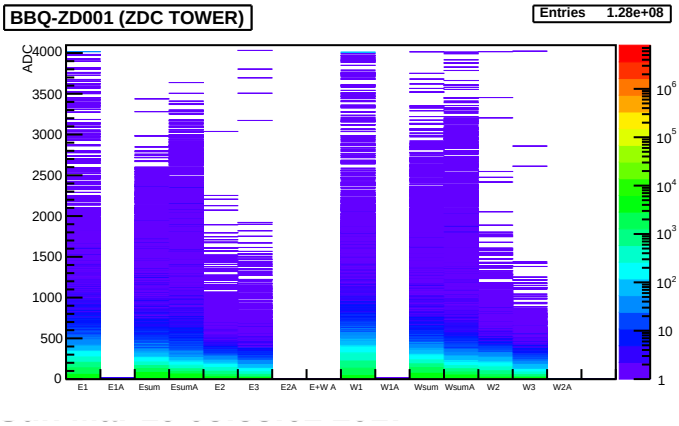

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.28e+08
TAC
QT Input Channel

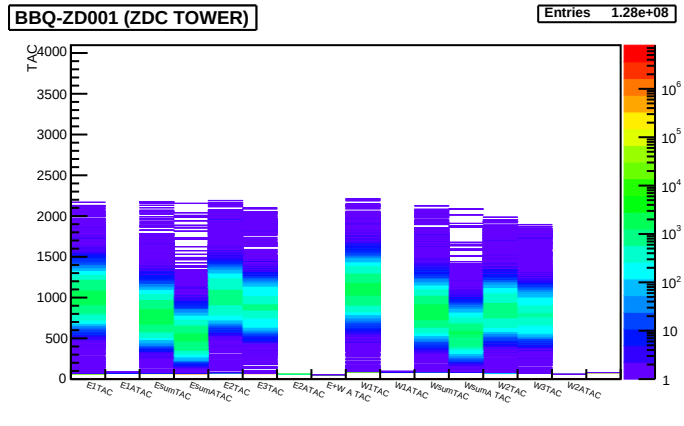

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.28e+08
ADC
QT Input Channel

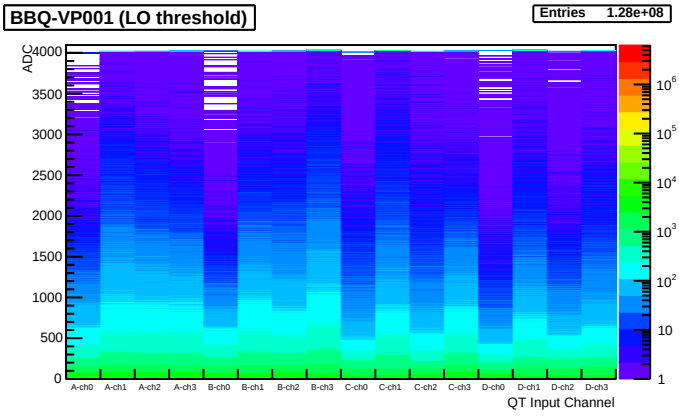

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.28e+08
TAC
QT Input Channel

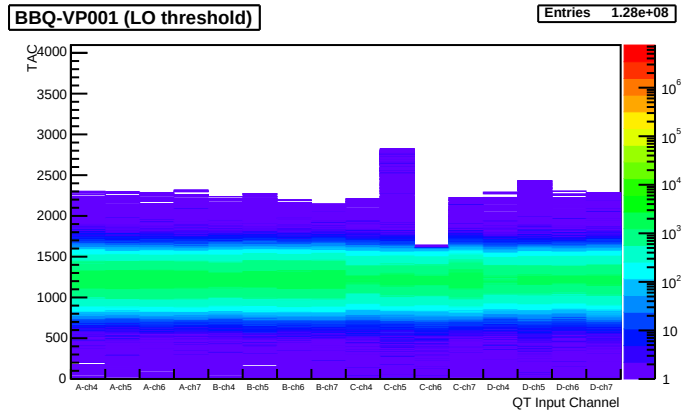

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.28e+08
ADC
QT Input Channel

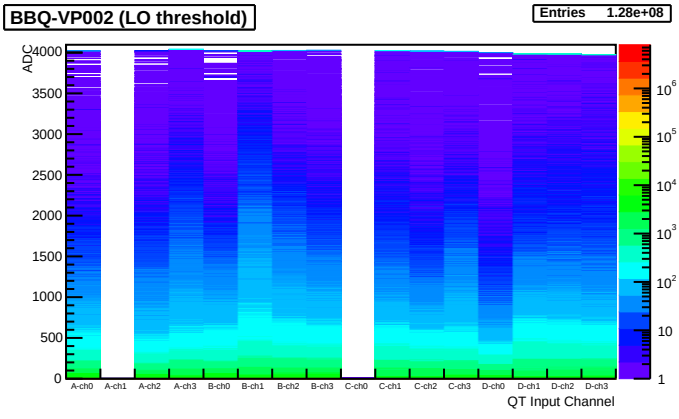

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.28e+08
TAC
QT Input Channel

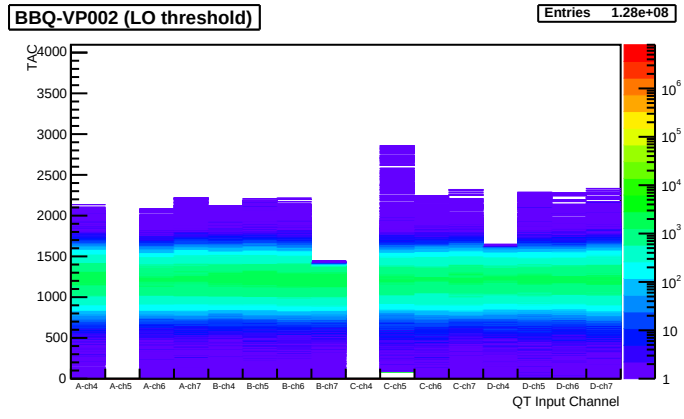

BBQ-ZD001 (ZDC TOWER)
Entries 1.28e+08
ADC

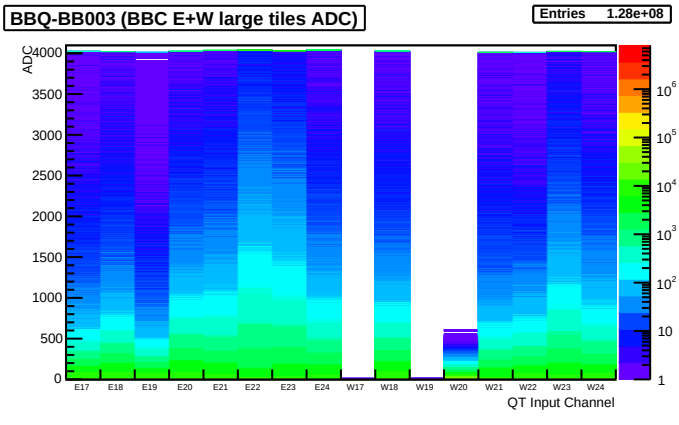

BBQ-ZD001 (ZDC TOWER)
Entries 1.28e+08
TAC

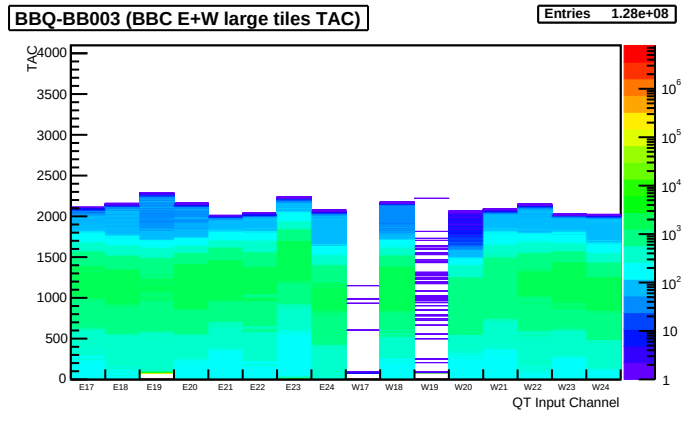

BBQ-VP001 (LO threshold)
Entries 1.28e+08
ADC
QT Input Channel

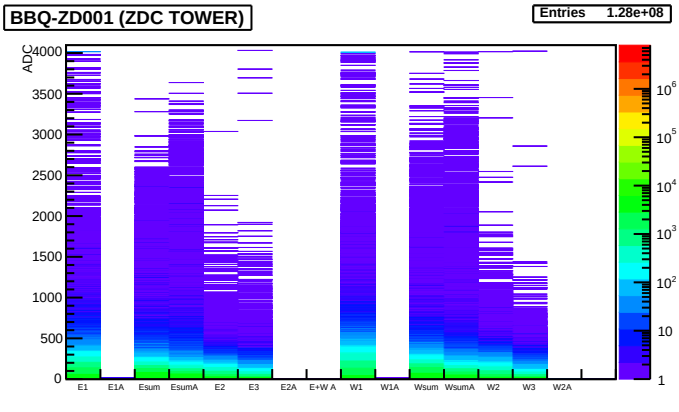

BBQ-VP001 (LO threshold)
Entries 1.28e+08
TAC
QT Input Channel

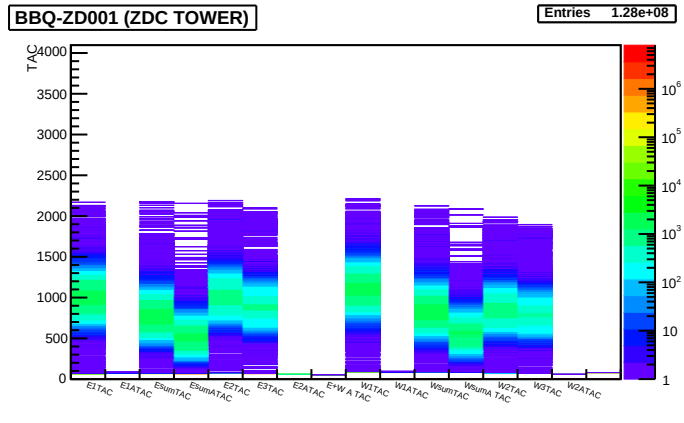

BBQ-VP002 (LO threshold)
Entries 1.28e+08
ADC
QT Input Channel

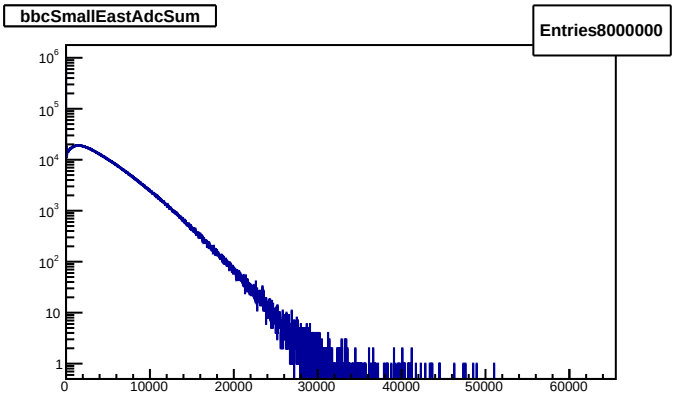

BBQ-VP002 (LO threshold)
Entries 1.28e+08
TAC
QT Input Channel

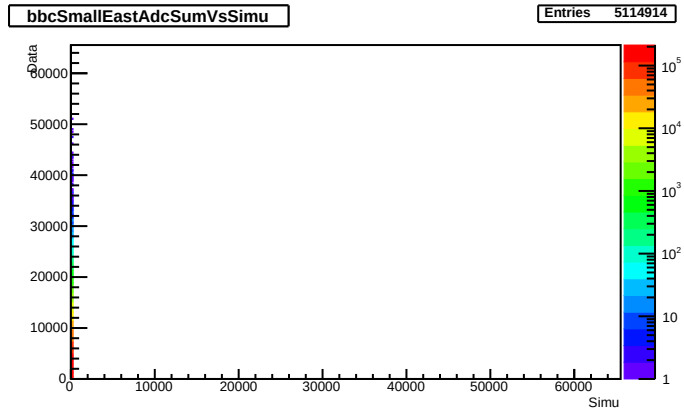

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.28e+08
ADC
QT Input Channel

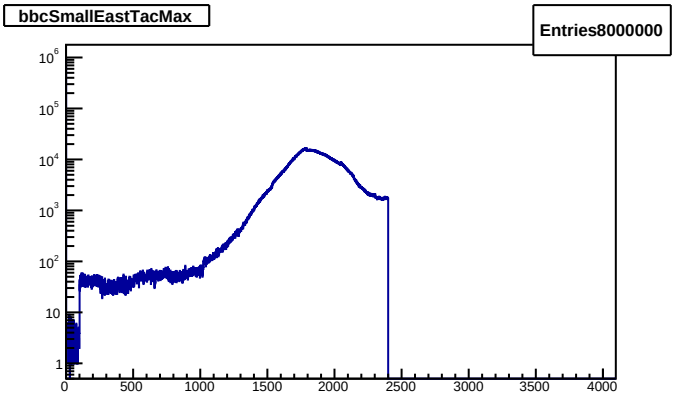

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.28e+08
TAC
QT Input Channel

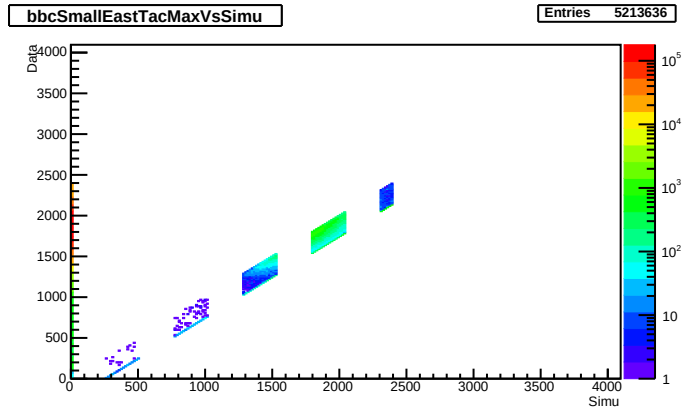

BBQ-ZD001 (ZDC TOWER)
Entries 1.28e+08
ADC

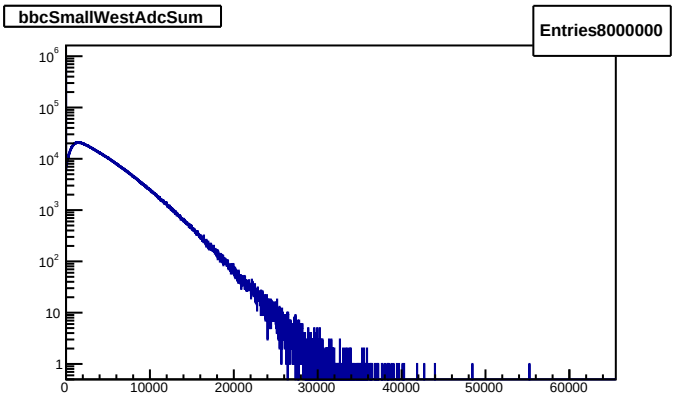

BBQ-ZD001 (ZDC TOWER)
Entries 1.28e+08
TAC

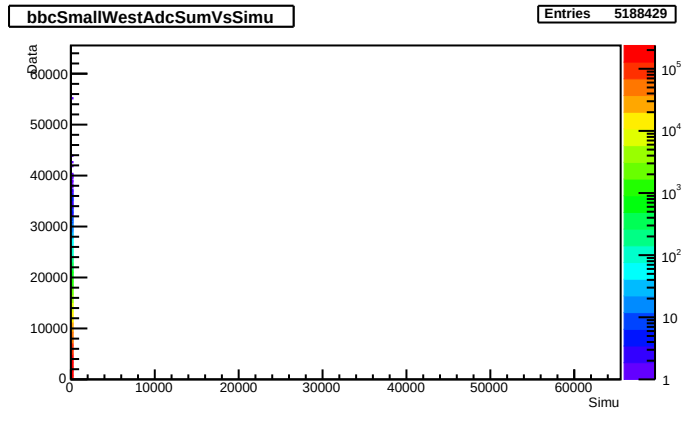

bbcSmallEastAdcSum
Entries8000000

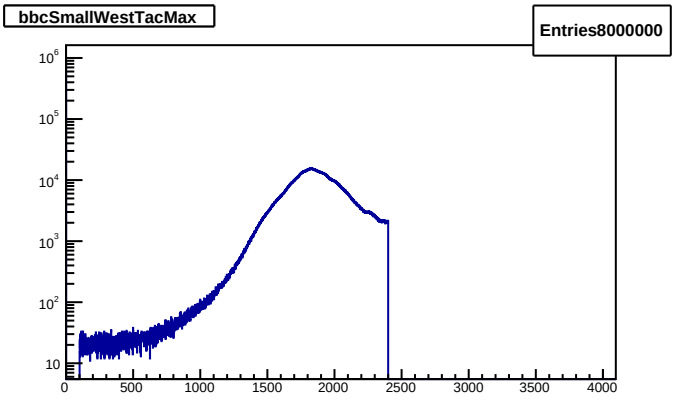

bbcSmallEastAdcSumVsSimu
Entries 5114914
Data
Simu

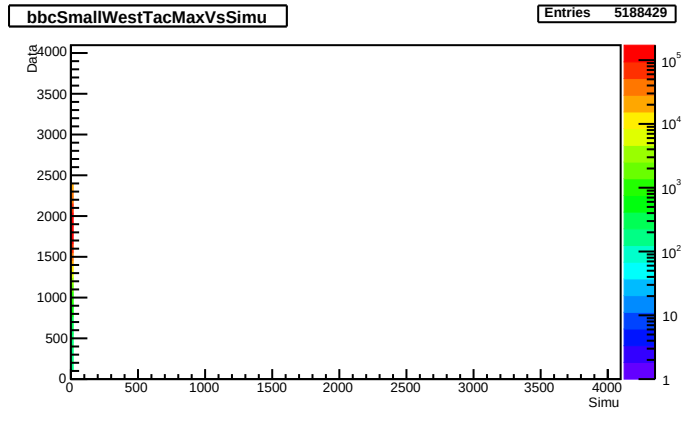

bbcSmallEastTacMax
Entries8000000

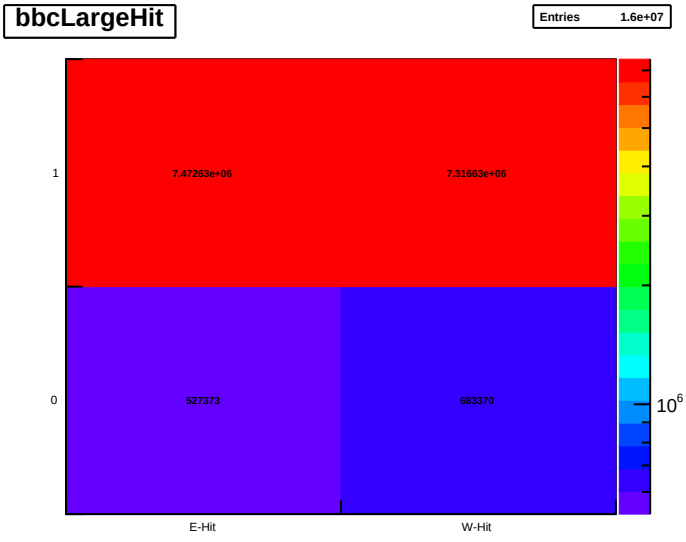

bbcSmallEastTacMaxVsSimu
Entries 5213636
Data
Simu

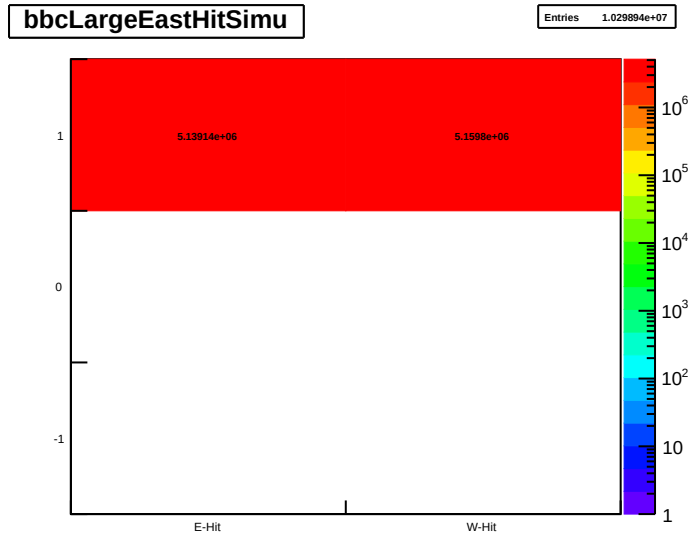

bbcSmallWestAdcSum
Entries8000000

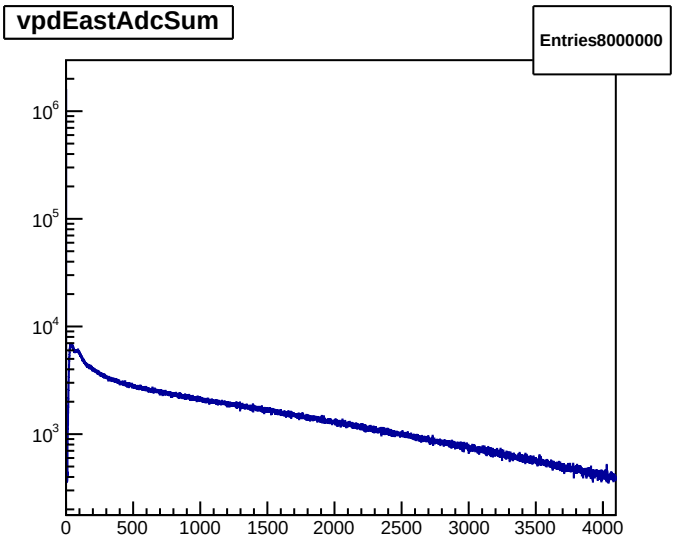

bbcSmallWestAdcSumVsSimu
Entries 5188429
Data
Simu

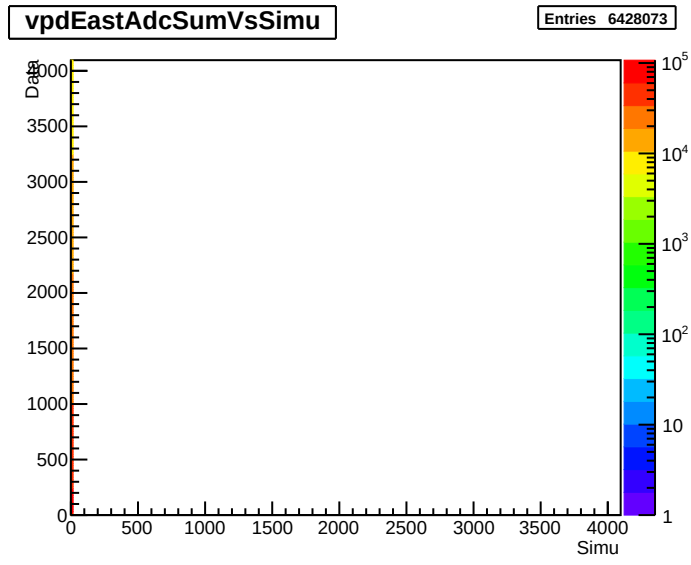

bbcSmallWestTacMax
Entries8000000

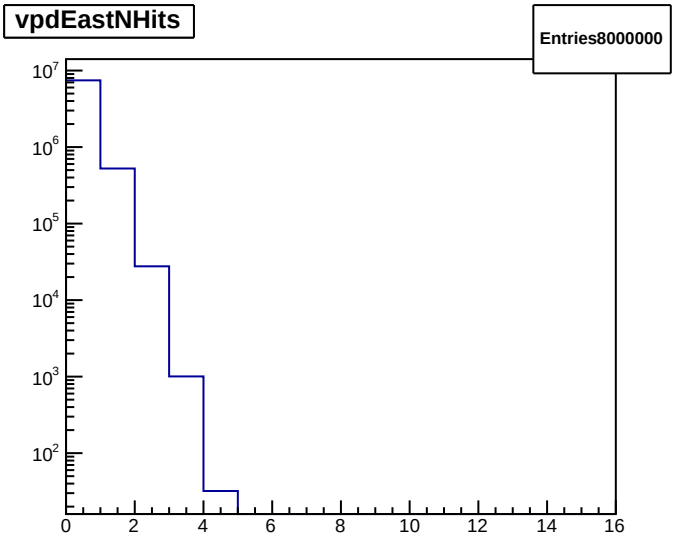

bbcSmallWestTacMaxVsSimu
Entries 5188429
Data
Simu

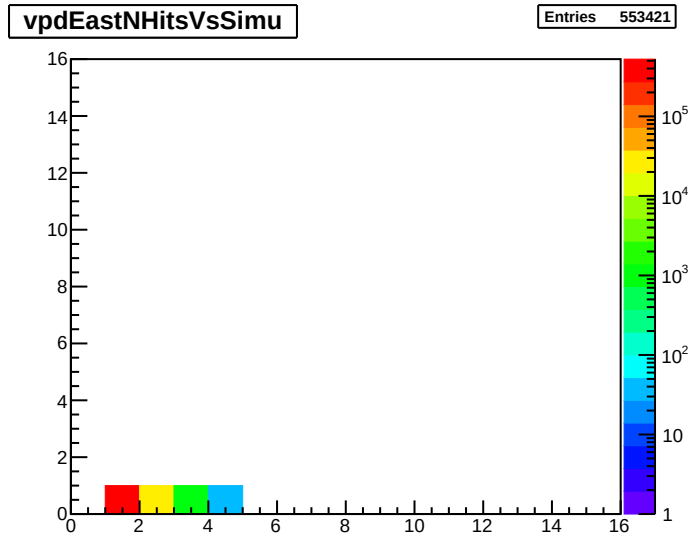

bbcLargeHit
Entries 1.6e+07
7.47263e+06
7.31663e+06
527373
683370
1
0
E-Hit
W-Hit
10^6

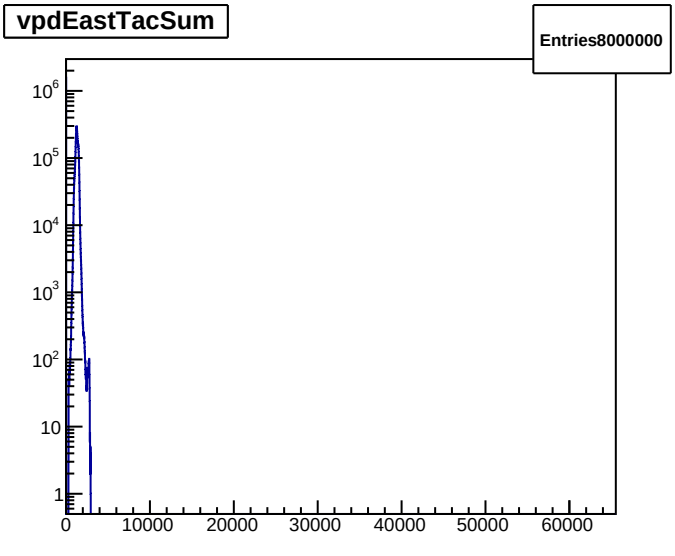

bbcLargeEastHitSimu
Entries 1.029894e+07
5.13914e+06
5.1598e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

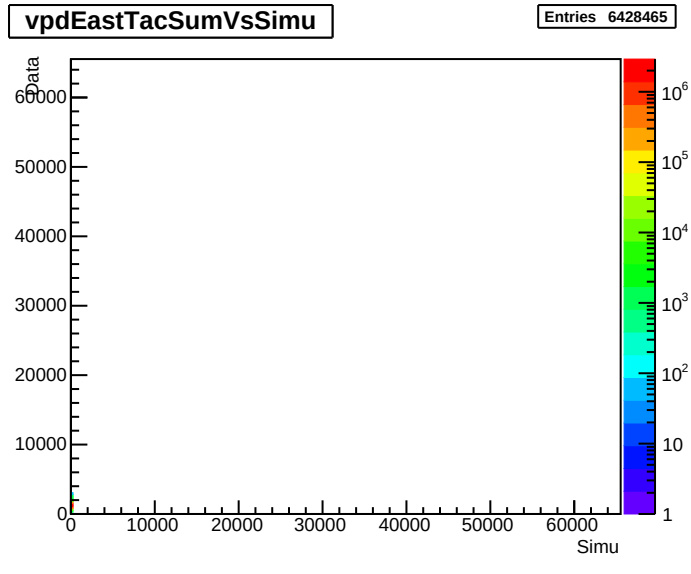

vpdEastAdcSum
Entries8000000

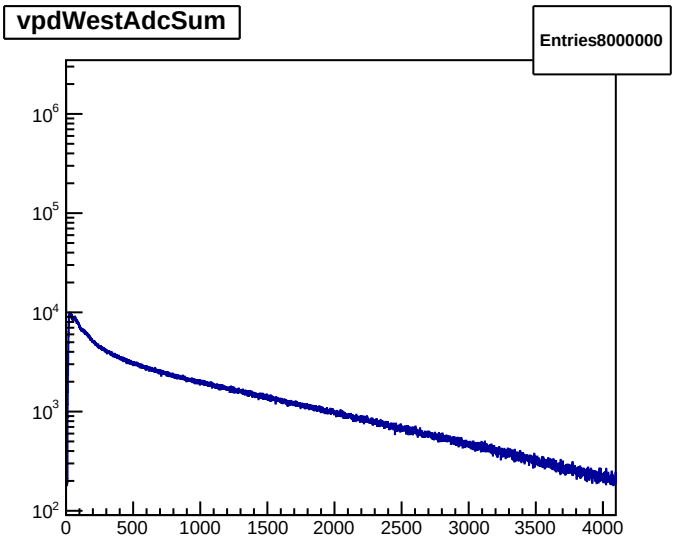

vpdEastAdcSumVsSimu
Entries 6428073
Data
Simu

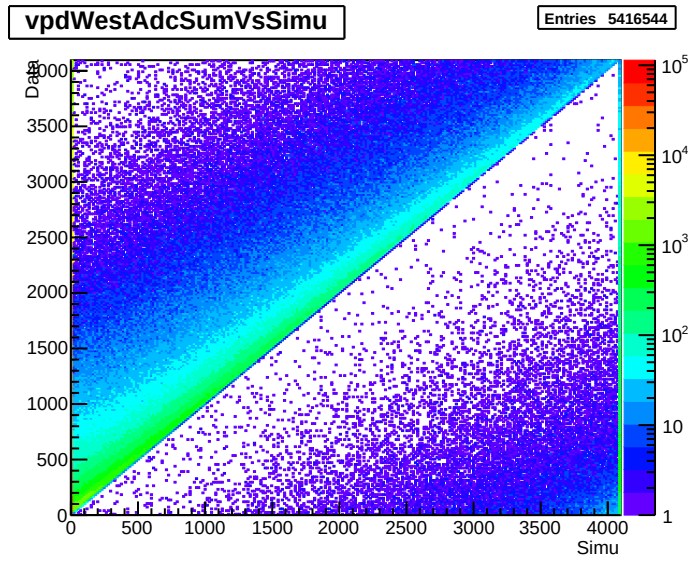

vpdEastNHits
Entries8000000

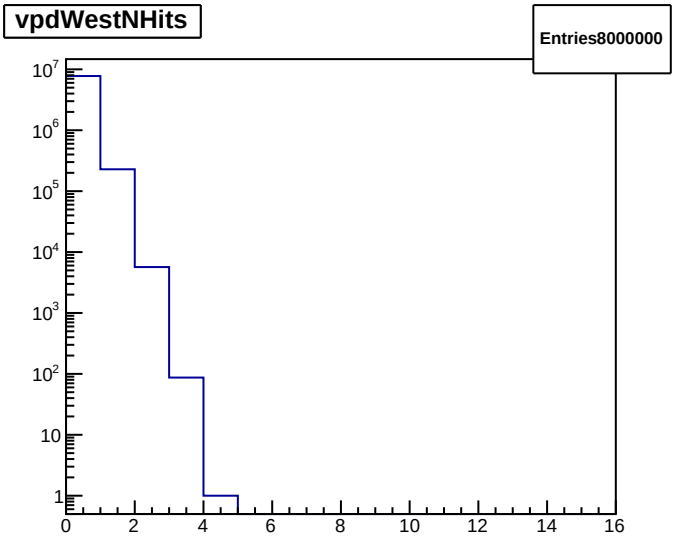

vpdEastNHitsVsSimu
Entries 553421

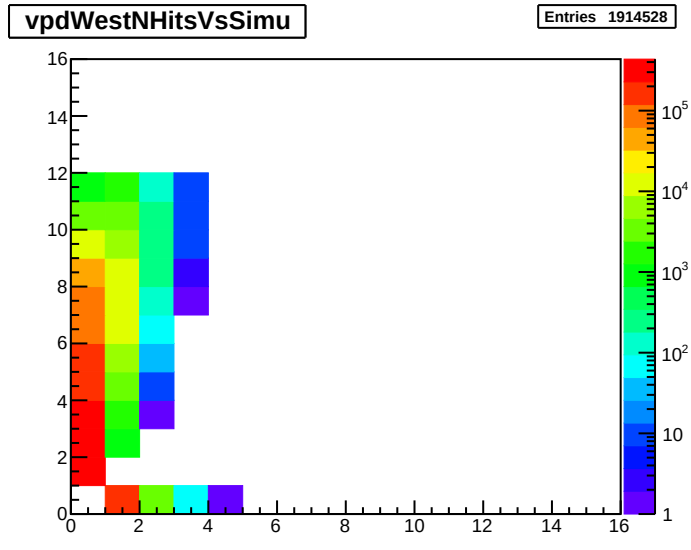

vpdEastTacSum
Entries8000000

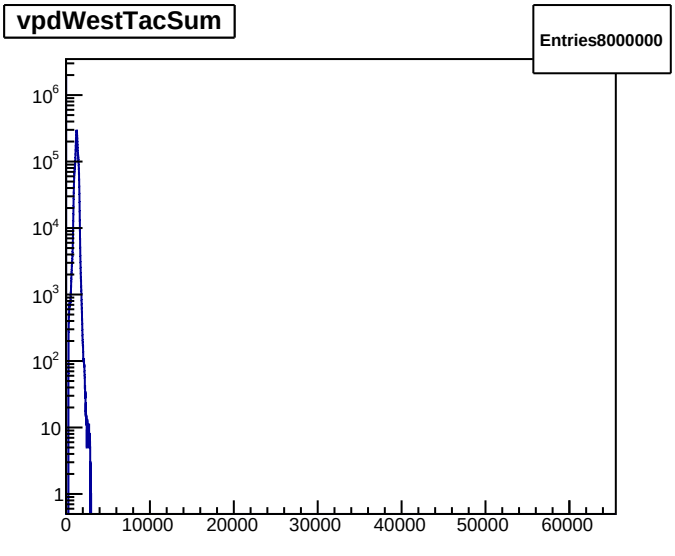

vpdEastTacSumVsSimu
Entries 6428465
Data
Simu

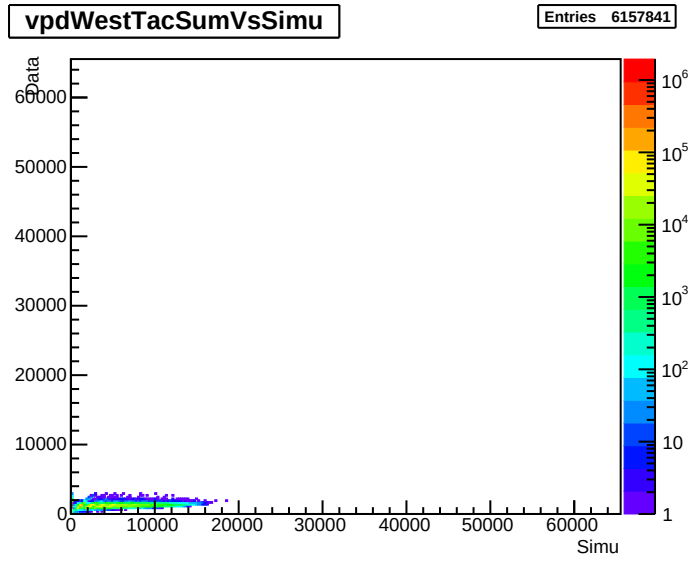

vpdWestAdcSum
Entries8000000

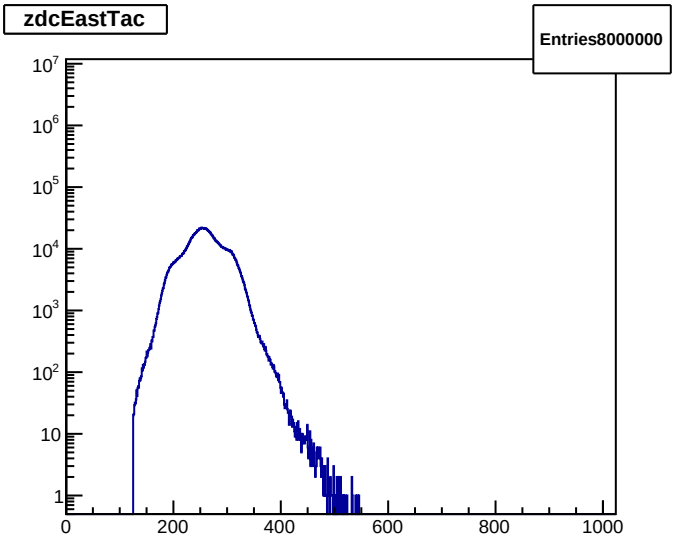

vpdWestAdcSumVsSimu
Entries 5416544
Data
Simu

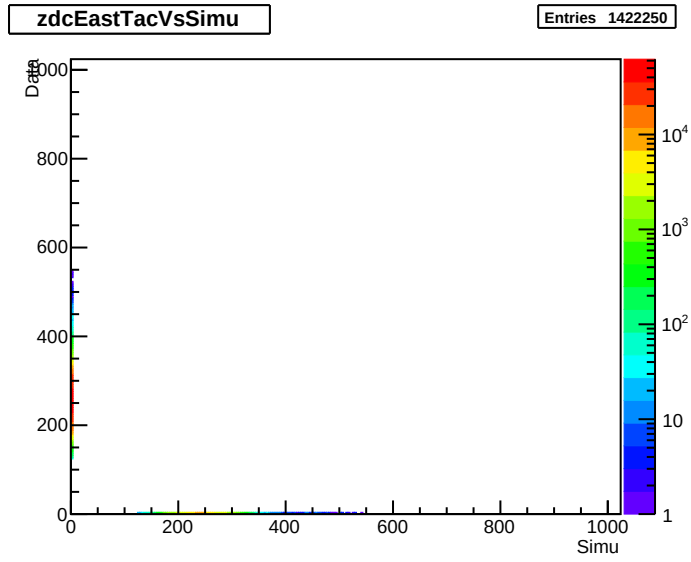

vpdWestNHits
Entries8000000

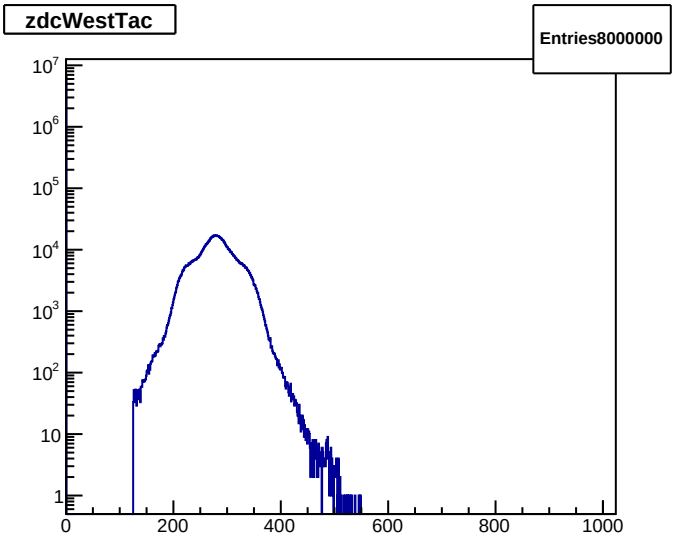

vpdWestNHitsVsSimu
Entries 1914528

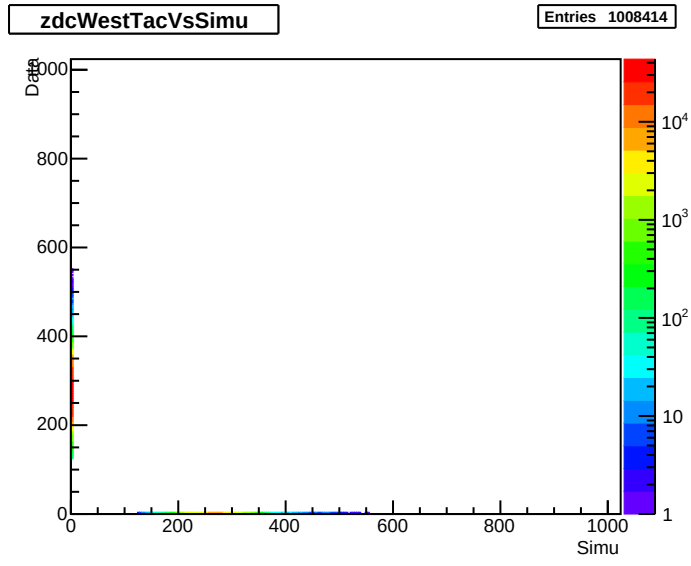

vpdWestTacSum
Entries8000000

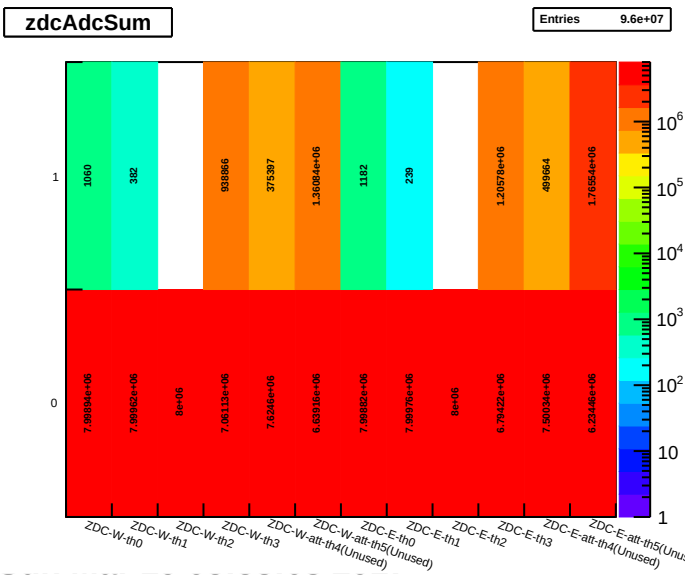

vpdWestTacSumVsSimu
Entries 6157841
Data
Simu

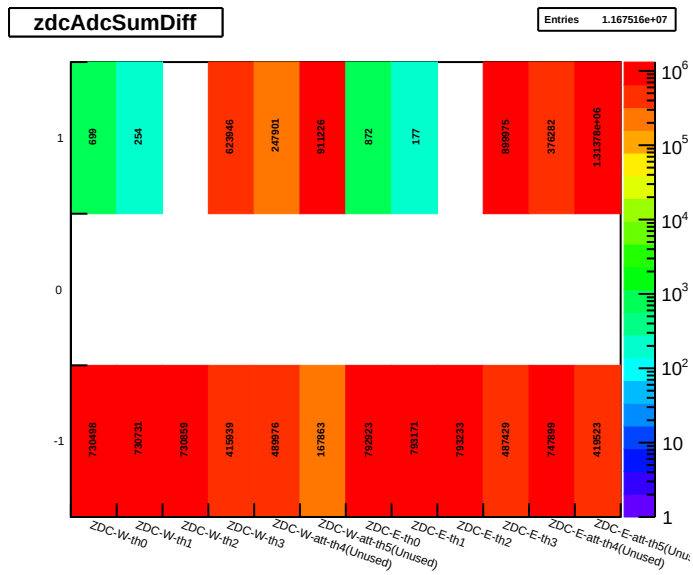

zdcEastTac
Entries8000000

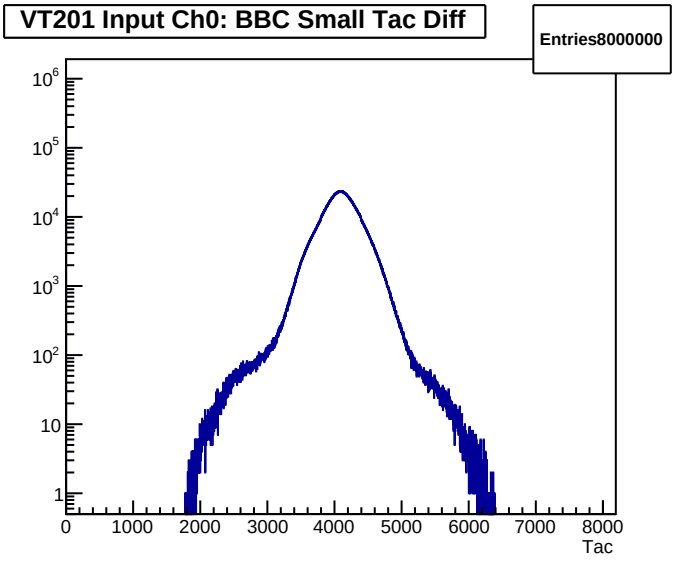

zdcEastTacVsSimu
Entries 1422250
Data
Simu

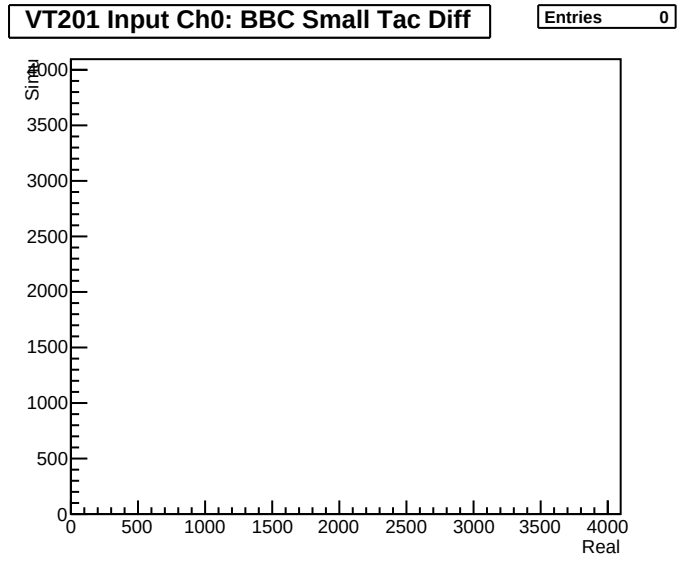

zdcWestTac
Entries8000000

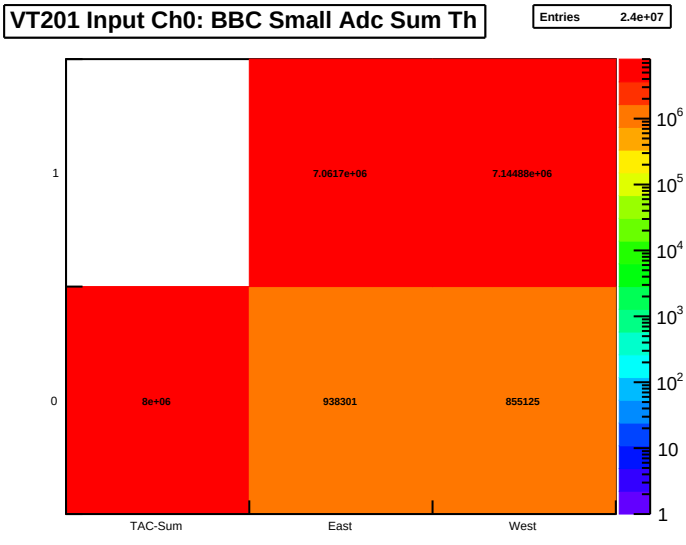

zdcWestTacVsSimu
Entries 1008414
Data
Simu

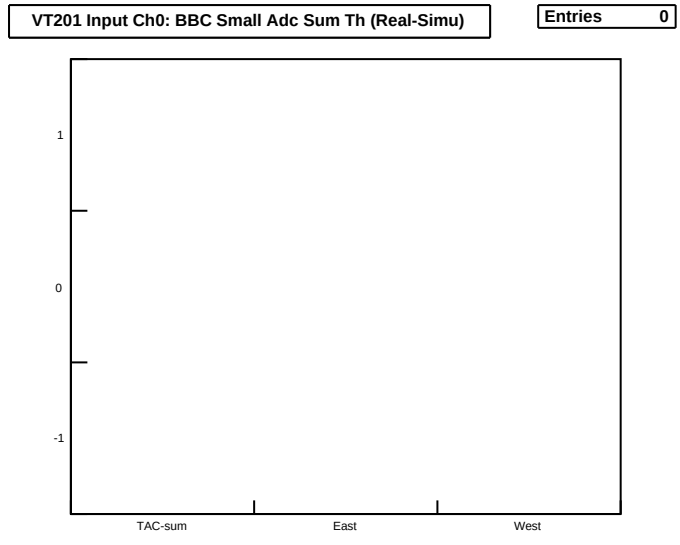

zdcAdcSum
Entries 9.6e+07
1060
382
938866
375397
1.36004e+06
1182
239
1.20578e+06
499664
1.76554e+06
7.99894e+05
7.99962e+05
8e+06
7.06113e+06
7.6246e+06
6.63916e+06
7.99882e+06
7.99976e+06
8e+06
6.78422e+06
7.50034e+06
6.23446e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

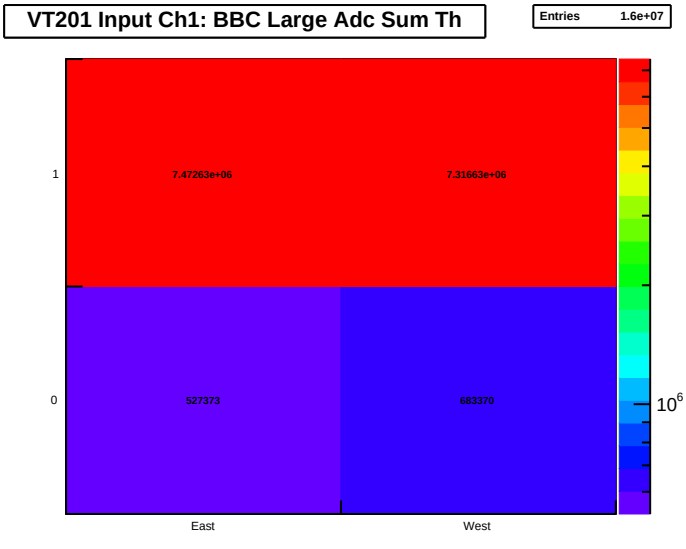

zdcAdcSumDiff
Entries 1.167516e+07
699
254
623946
247901
911226
872
177
899975
376282
1.31378e+06
730498
730731
730659
419939
489976
167863
792923
793171
793233
487429
747899
419523
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

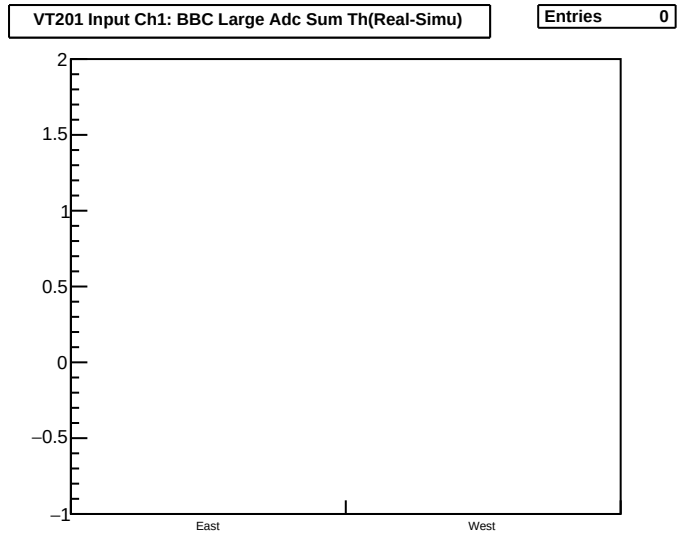

VT201 Input Ch0: BBC Small Tac Diff
Entries8000000
Tac


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

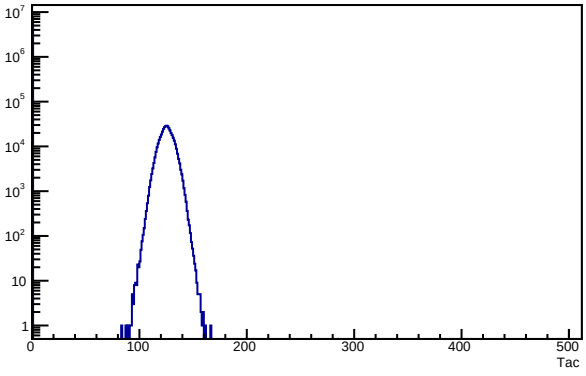

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.4e+07
7.0617e+06
7.14488e+06
8e+06
938301
855125
TAC-Sum
East
West


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

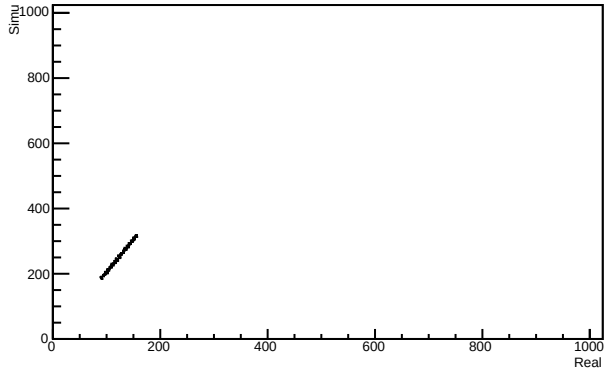

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.6e+07
7.47263e+06
7.31663e+06
527373
683370
East
West


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

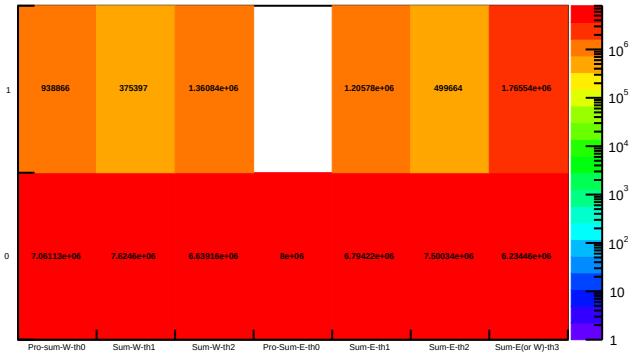
VT201 Input Ch2: ZDC Tac Diff



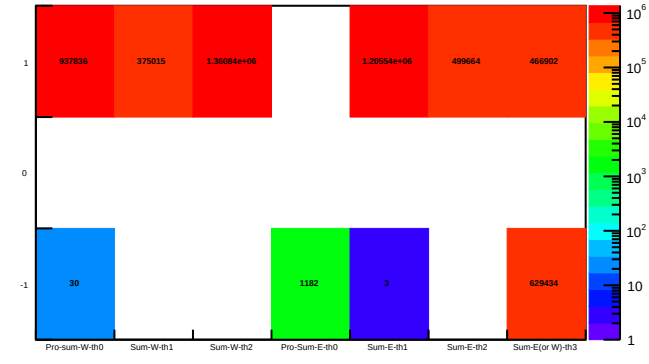
VT201 Input Ch2: ZDC Tac Diff



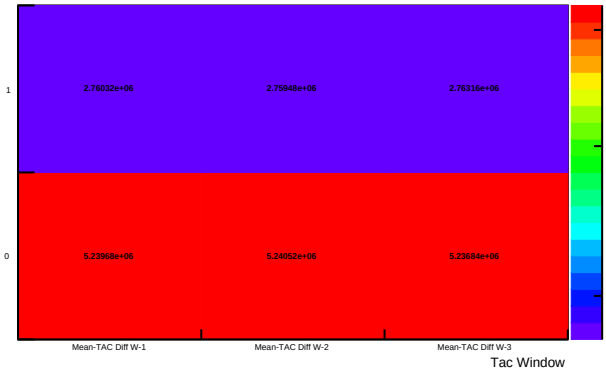
VT201 Input Ch2: ZDC Adc Sum Th



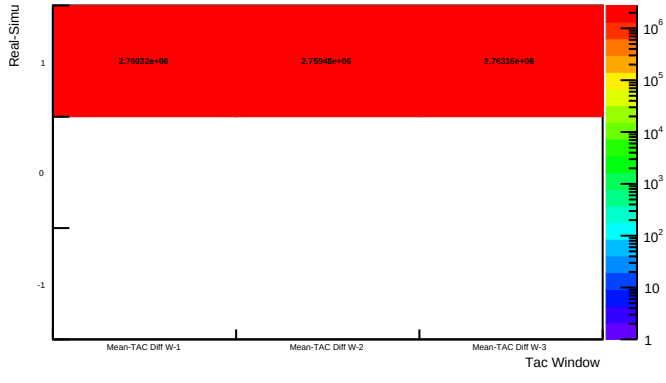
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



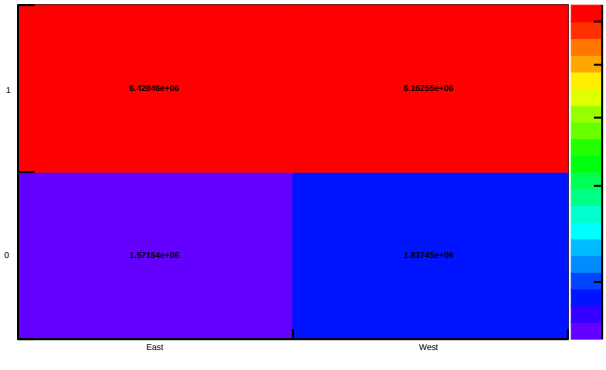
VT201 Input Ch4: VPD Tac Diff



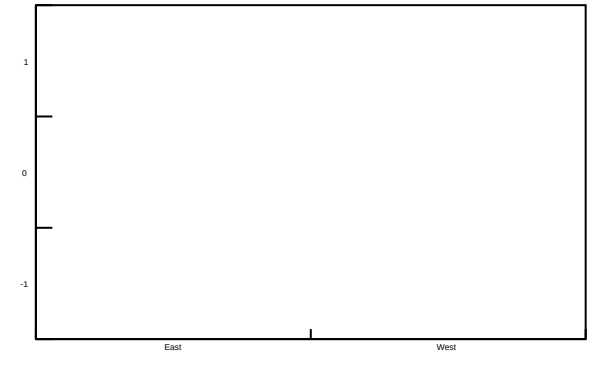
VT201 Input Ch4: VPD Tac Diff

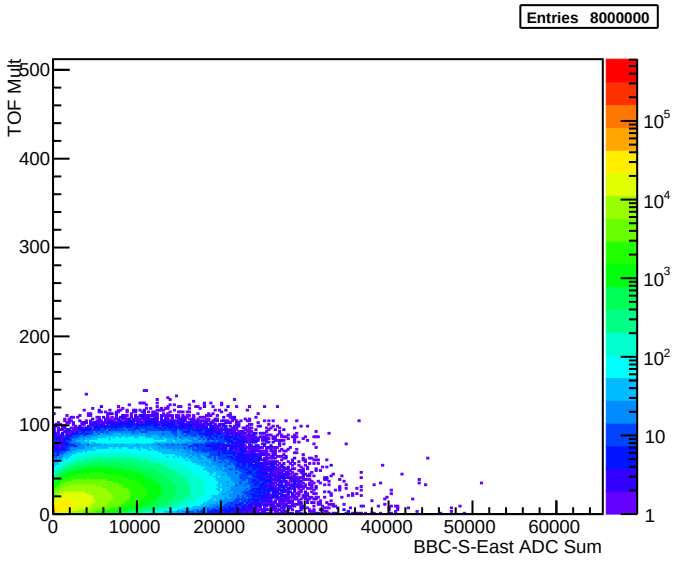


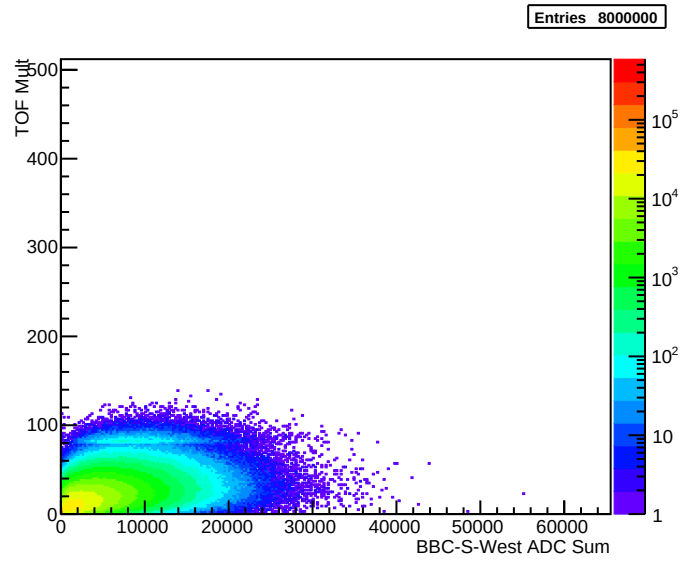
VT201 Input Ch4: VPD Adc Sum Th

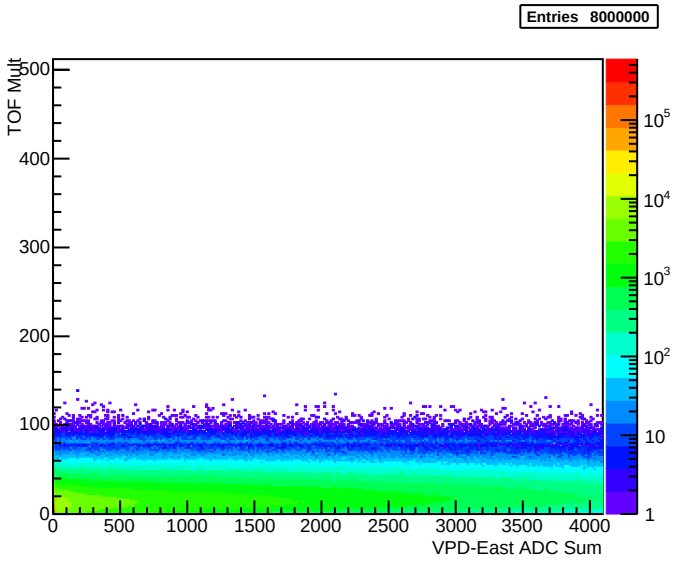


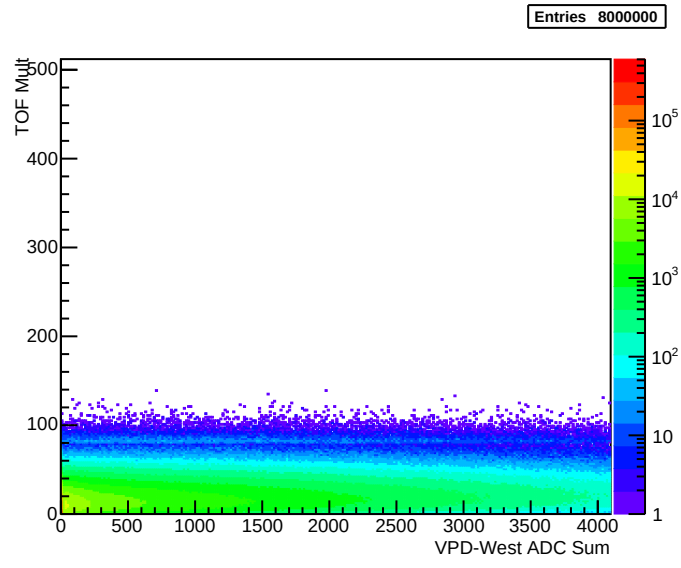
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

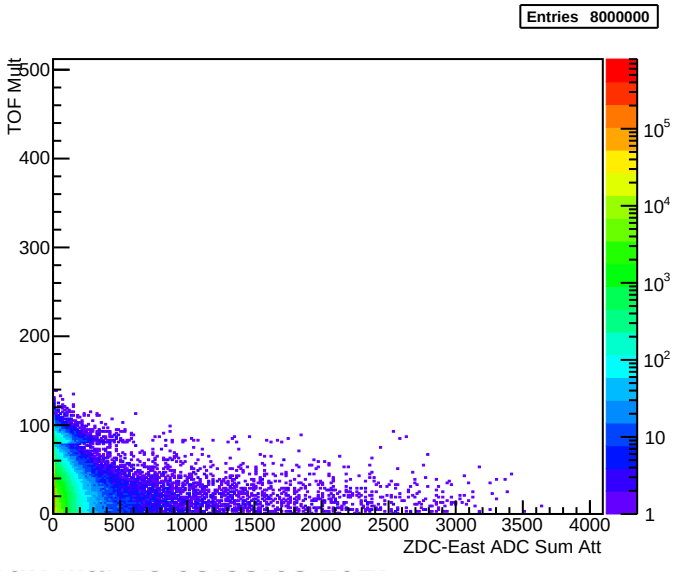


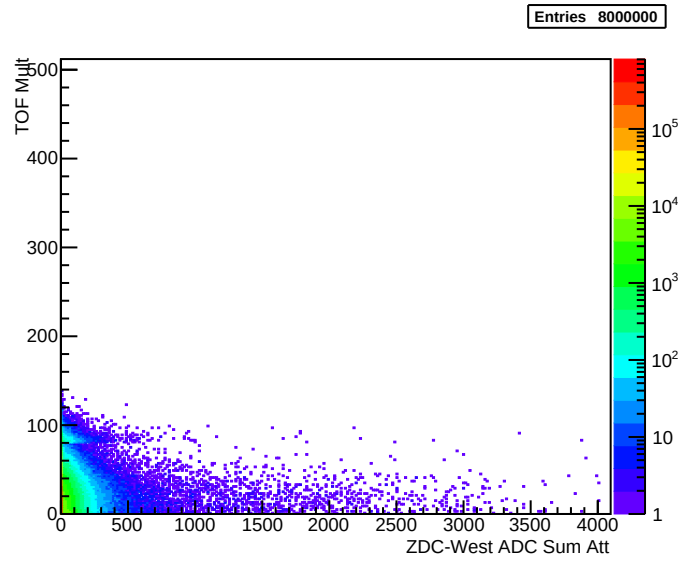

Entries 8000000
TOF Mult
BBC-S-East ADC Sum

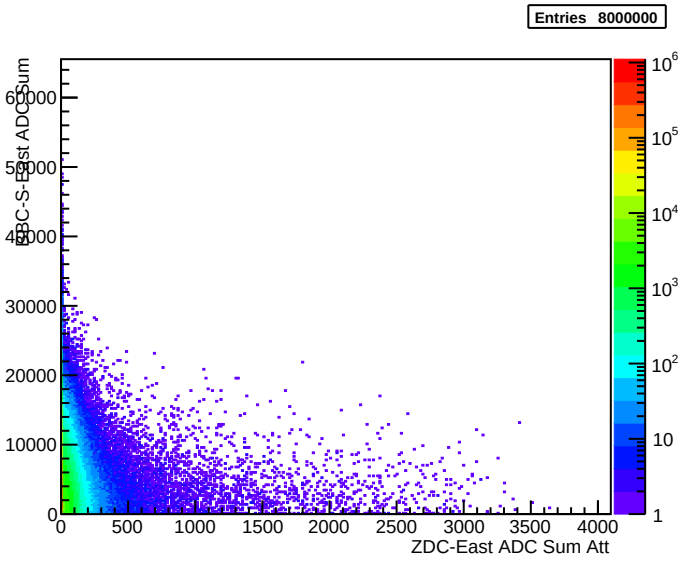

Entries 8000000
TOF Mult
BBC-S-West ADC Sum

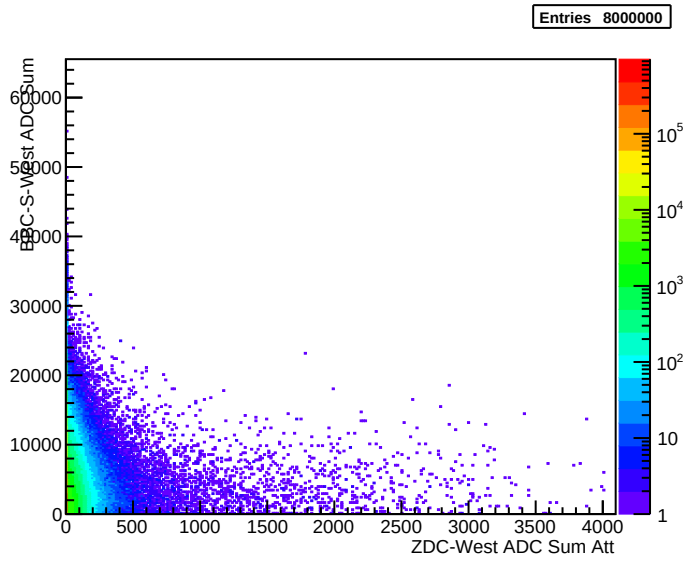

Entries 8000000
TOF Mult
VPD-East ADC Sum

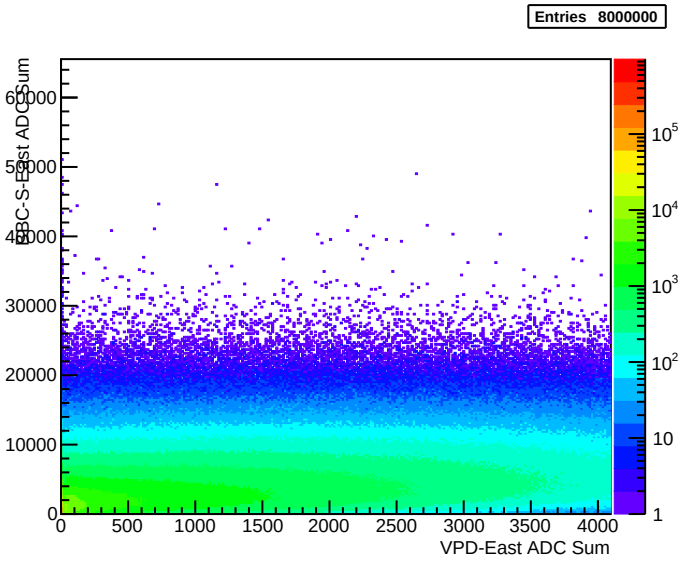

Entries 8000000
TOF Mult
VPD-West ADC Sum

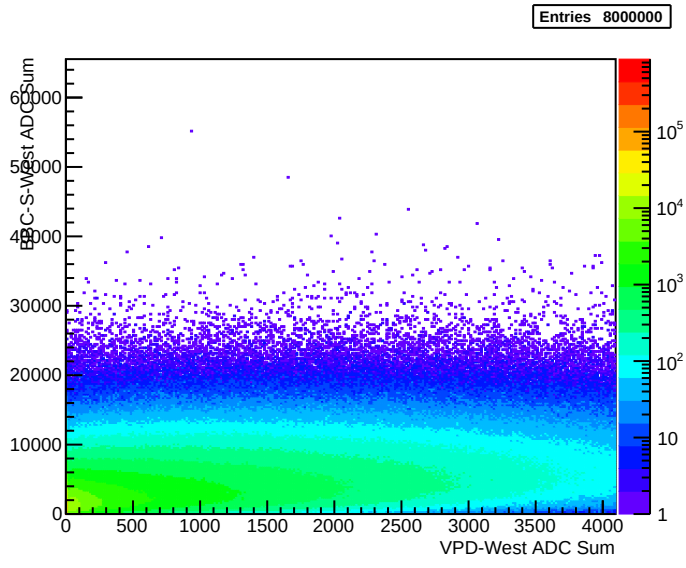

Entries 8000000
TOF Mult
ZDC-East ADC Sum Att

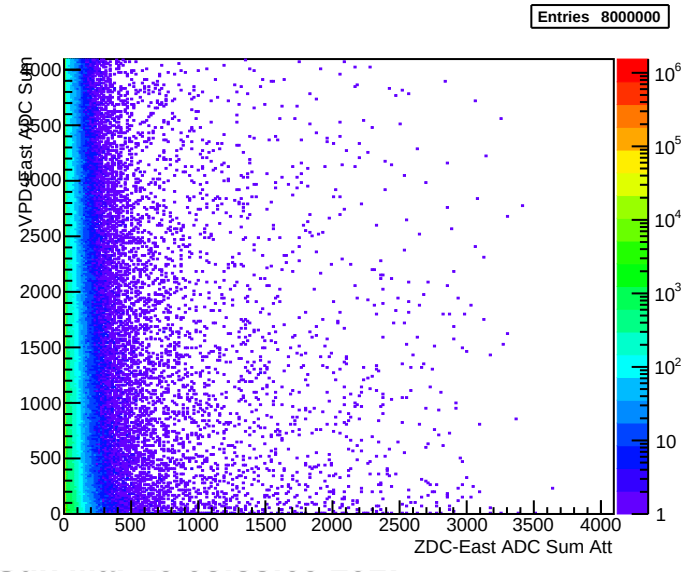

Entries 8000000
TOF Mult
ZDC-West ADC Sum Att

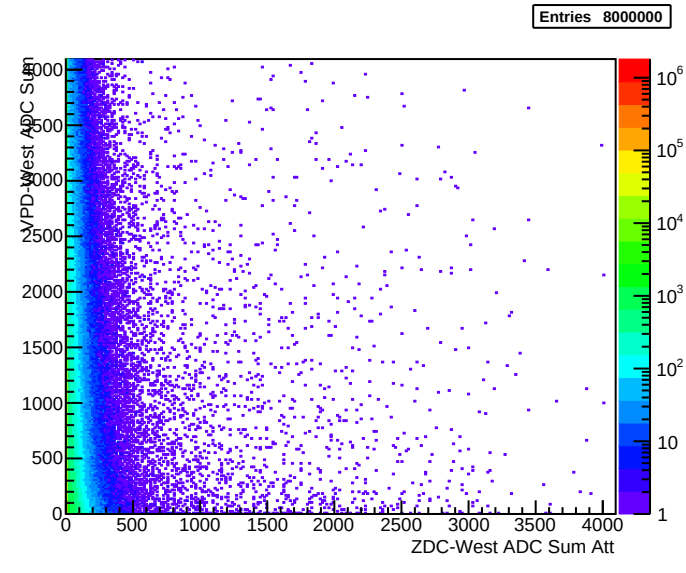

Entries 8000000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

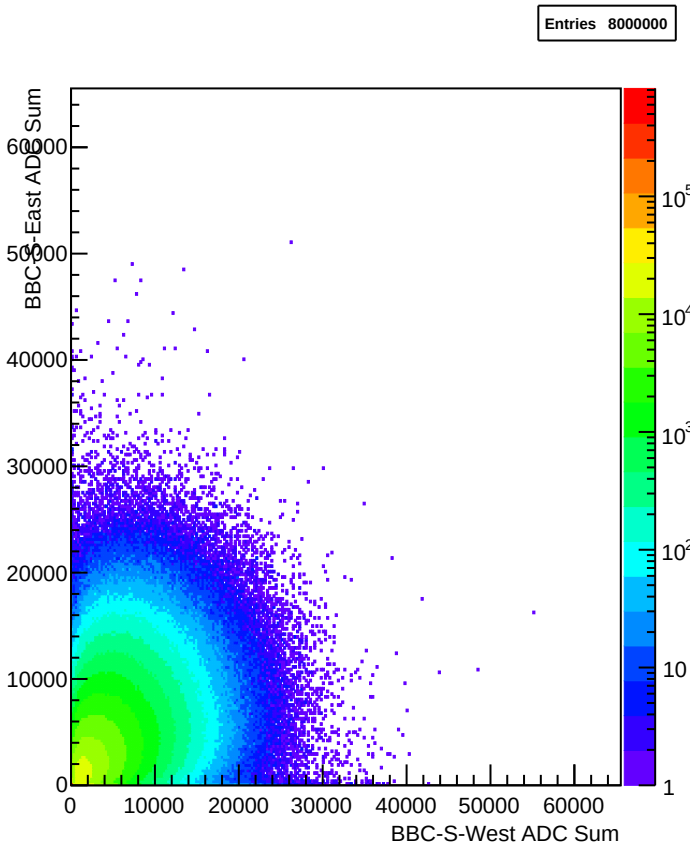

Entries 8000000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

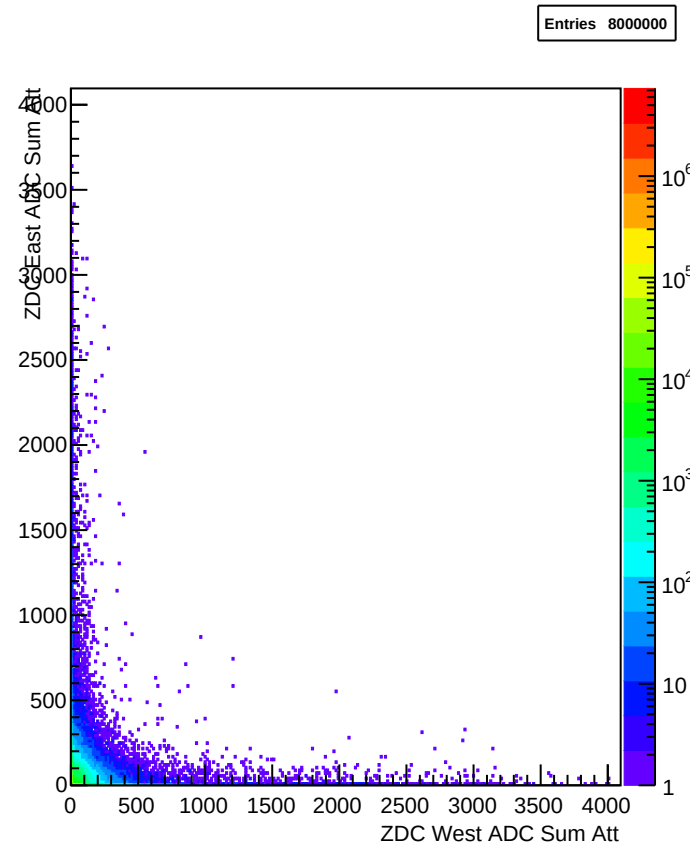

Entries 8000000
BBC-S-East ADC Sum
VPD-East ADC Sum

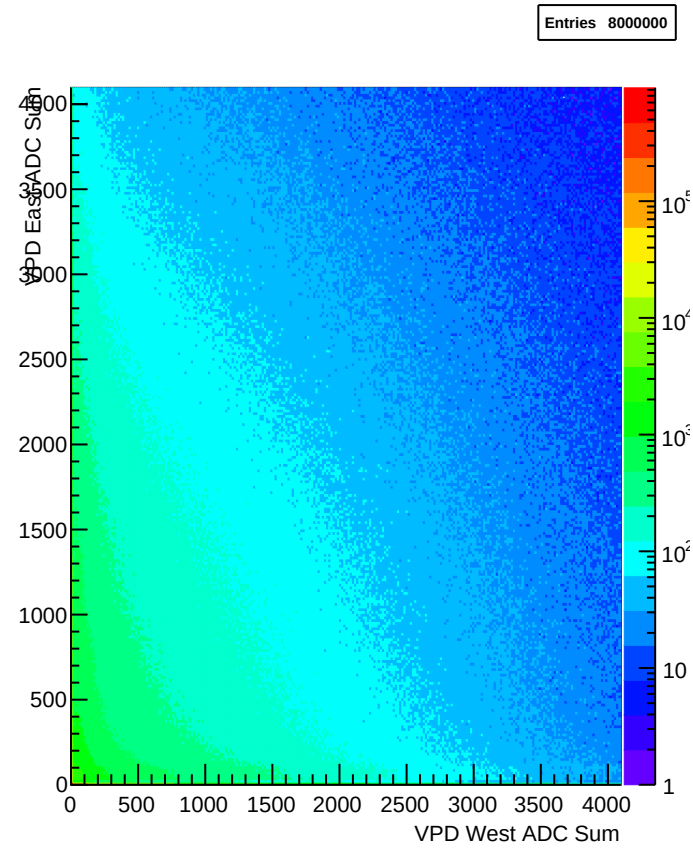

Entries 8000000
BBC-S-West ADC Sum
VPD-West ADC Sum

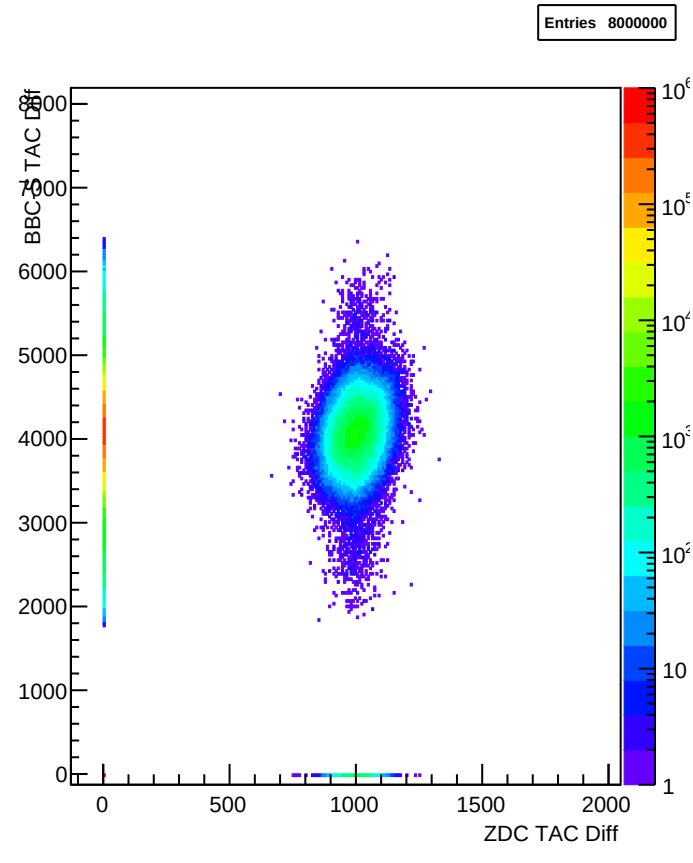

Entries 8000000
VPD-East ADC Sum
ZDC-East ADC Sum Att

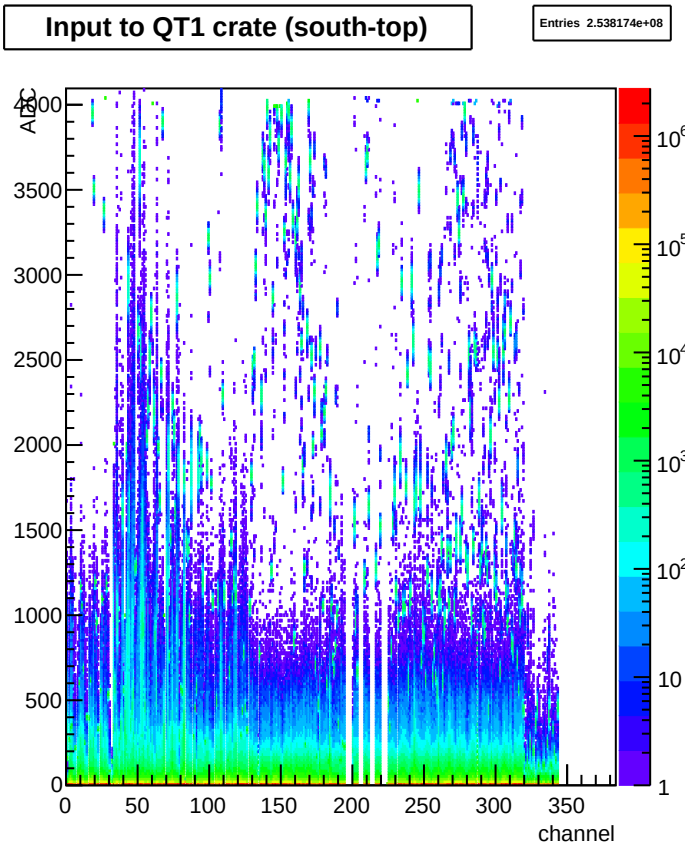

Entries 8000000
VPD-West ADC Sum
ZDC-West ADC Sum Att

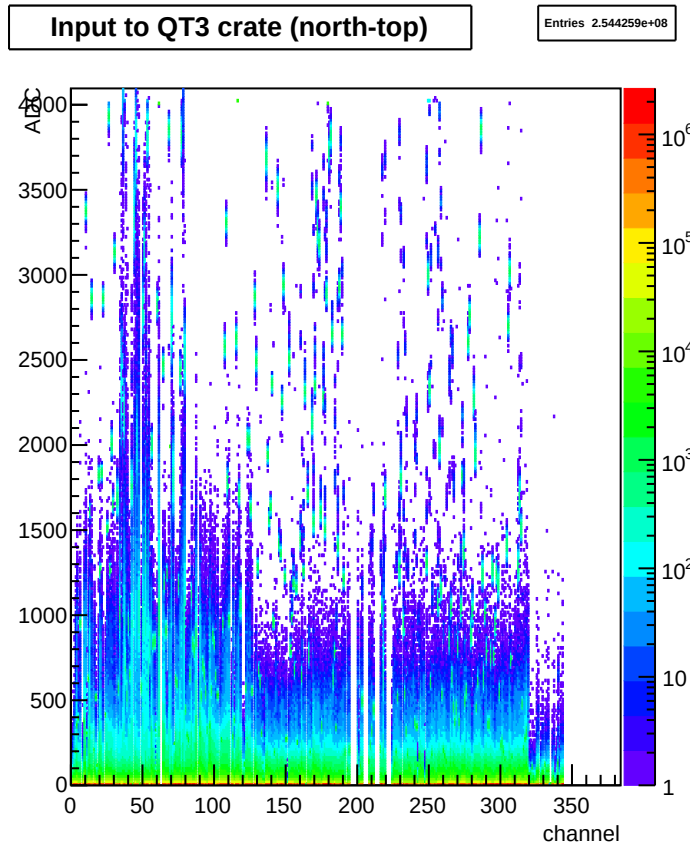

Entries 8000000
BBC-S-East ADC Sum
BBC-S-West ADC Sum

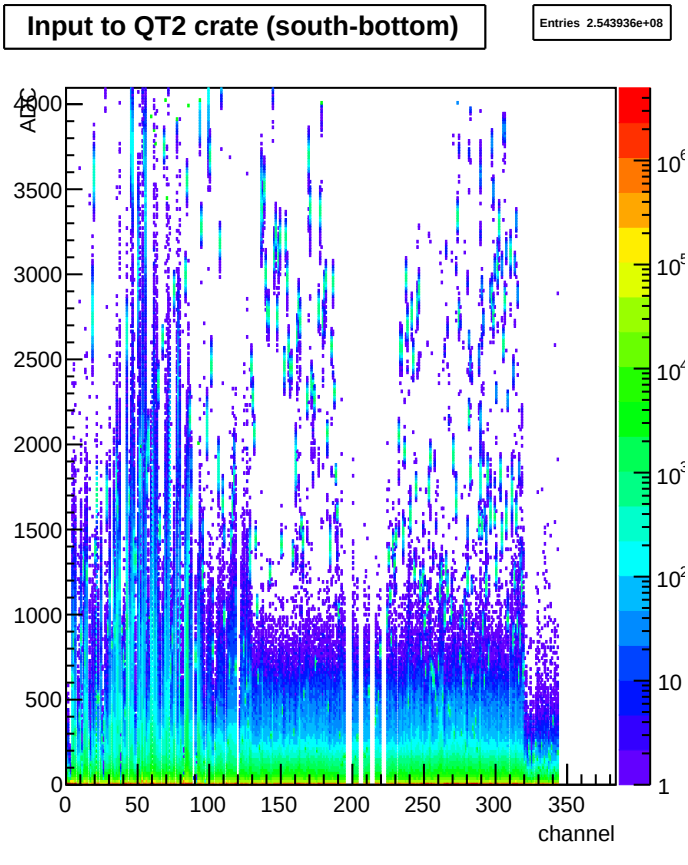

Entries 8000000
ZDC East ADC Sum Att
ZDC West ADC Sum Att

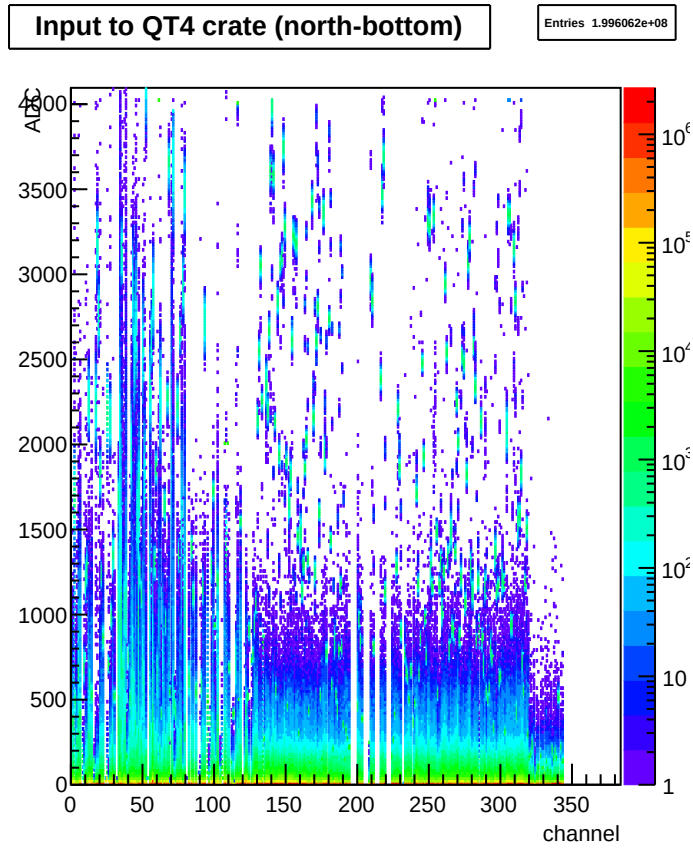

Entries 8000000
VPD East ADC Sum
VPD West ADC Sum

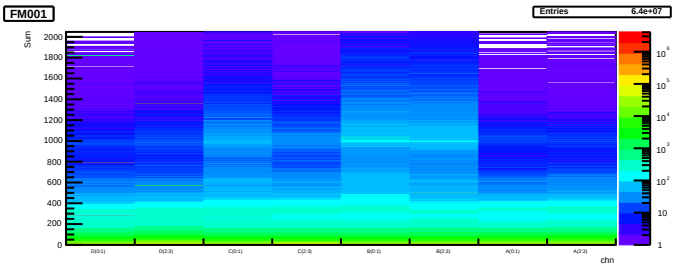

Entries 8000000
BBC-S TAC Diff
ZDC TAC Diff

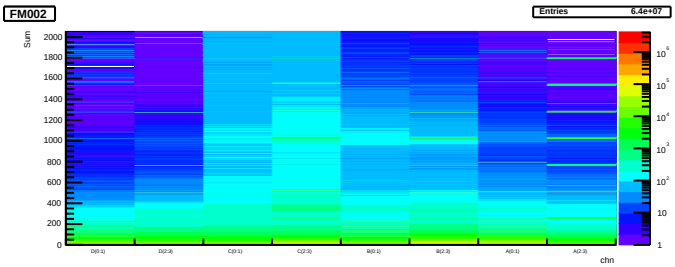

Input to QT1 crate (south-top)
Entries 2.538174e+08
ADC
channel

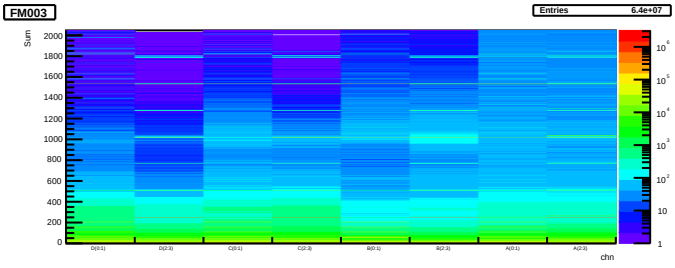

Input to QT3 crate (north-top)
Entries 2.544259e+08
ADC
channel

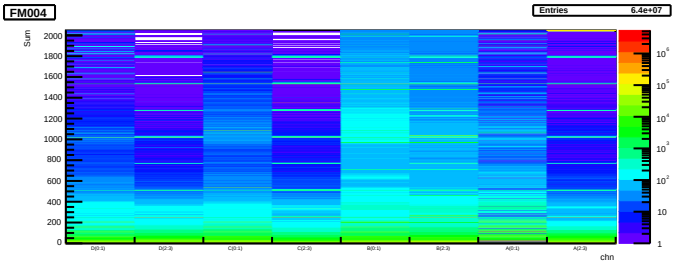

Input to QT2 crate (south-bottom)
Entries 2.543936e+08
ADC
channel

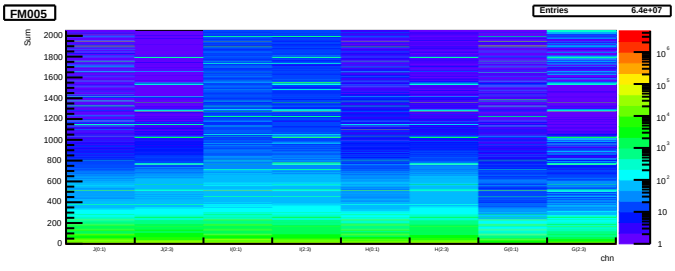

Input to QT4 crate (north-bottom)
Entries 1.996062e+08
ADC
channel

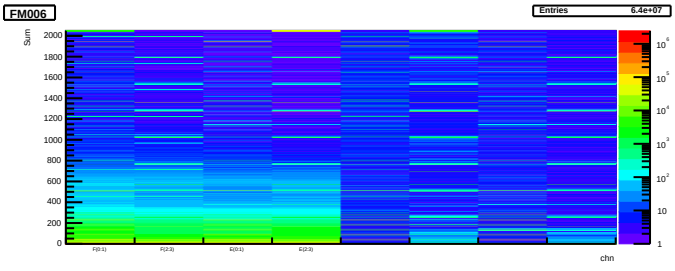

FM001
Entries 6.4e+07
Sum
chn

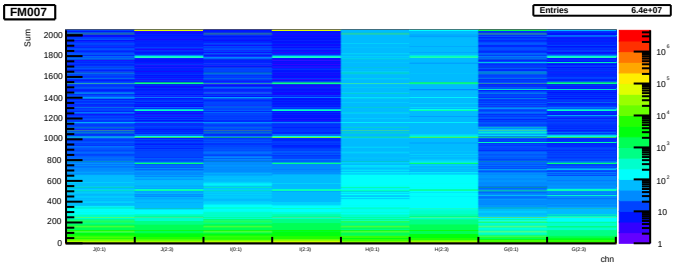

FM002
Entries 6.4e+07
Sum
chn

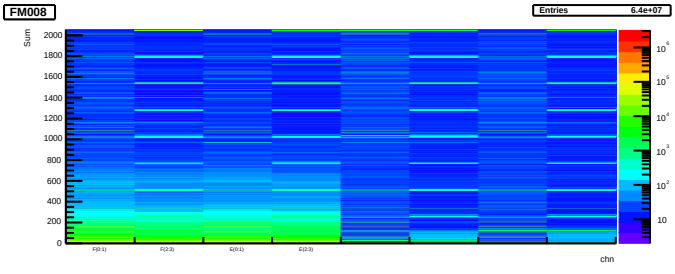

FM003
Entries 6.4e+07
Sum
chn


FM004
Entries 6.4e+07
Sum
chn


FM005
Entries 6.4e+07
Sum
chn


FM006
Entries 6.4e+07
Sum
chn


FM007
Entries 6.4e+07
Sum
chn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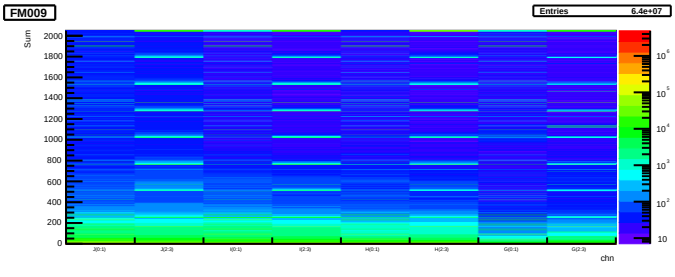
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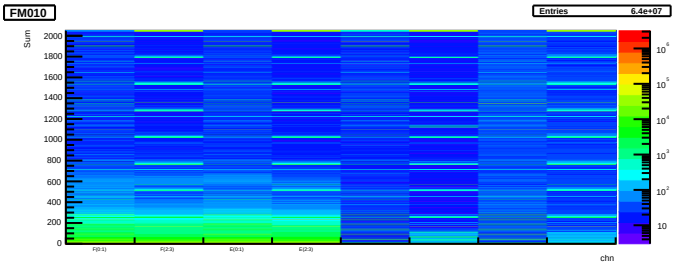
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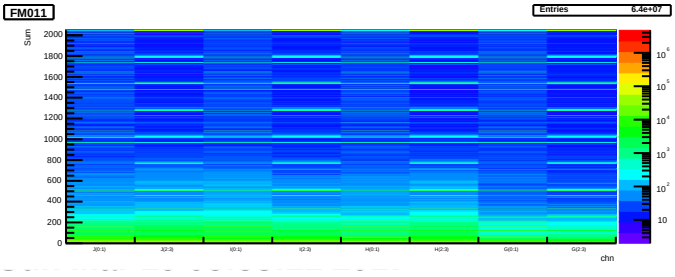
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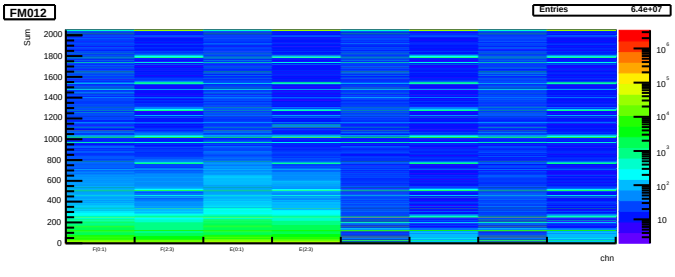
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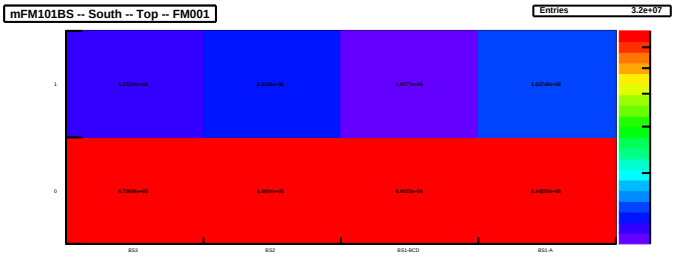
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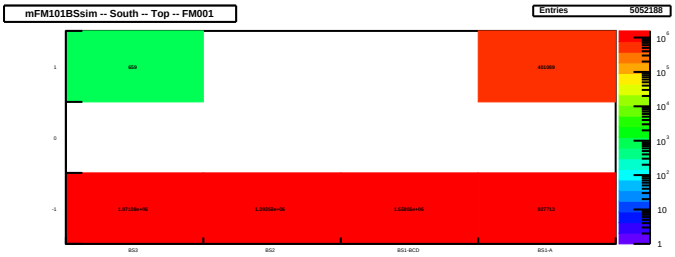
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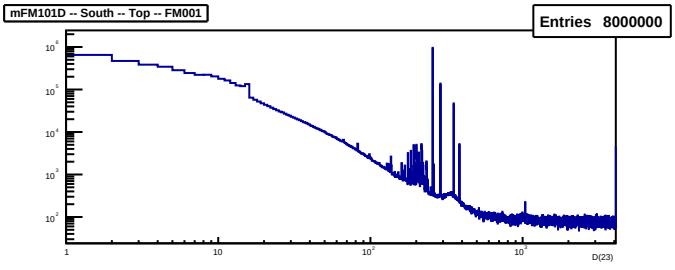
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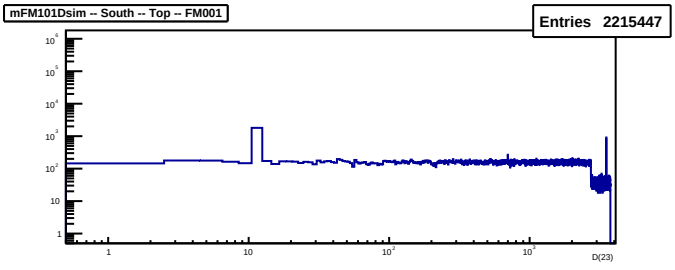
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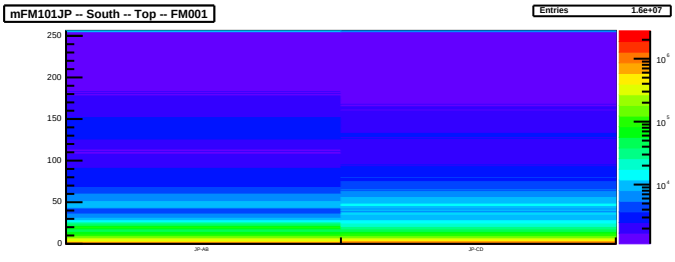
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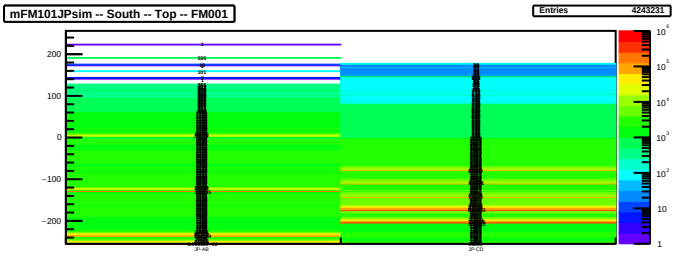
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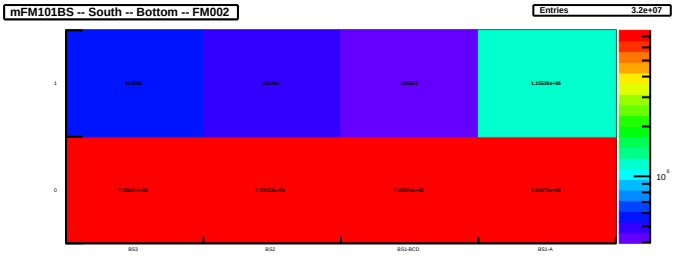
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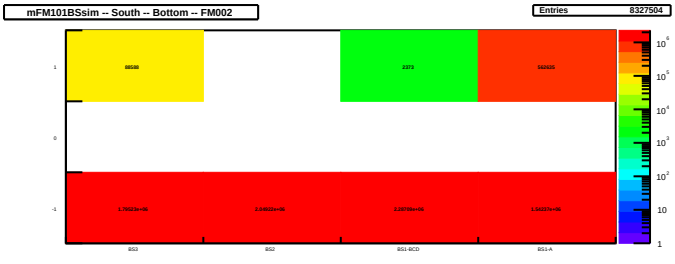
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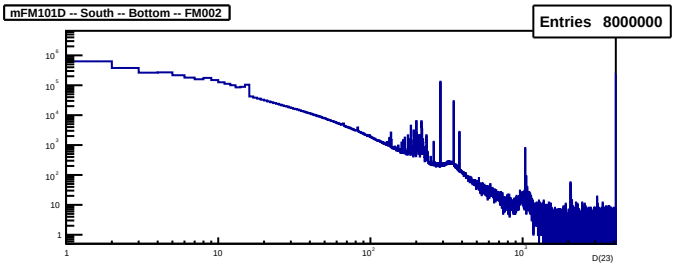
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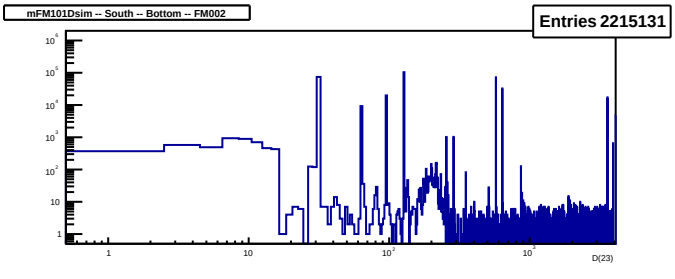
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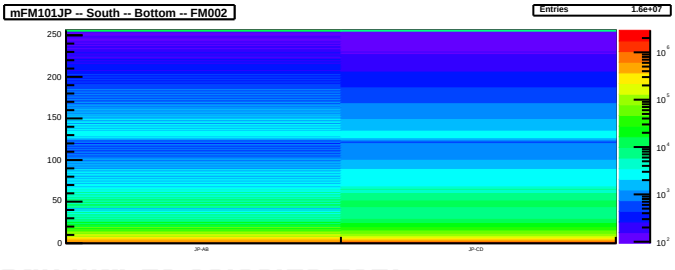
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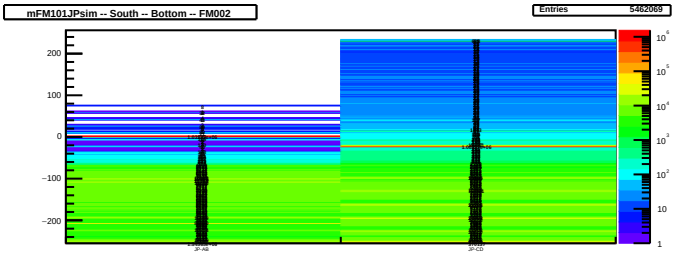
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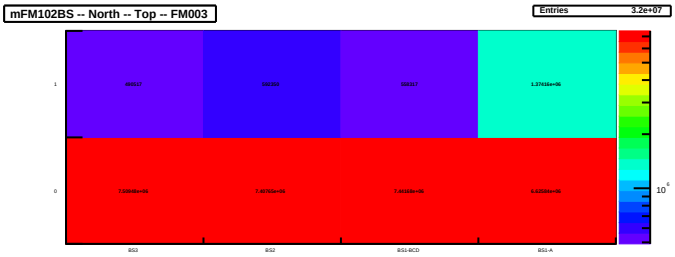
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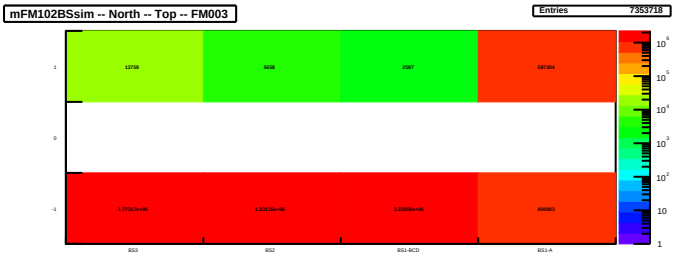
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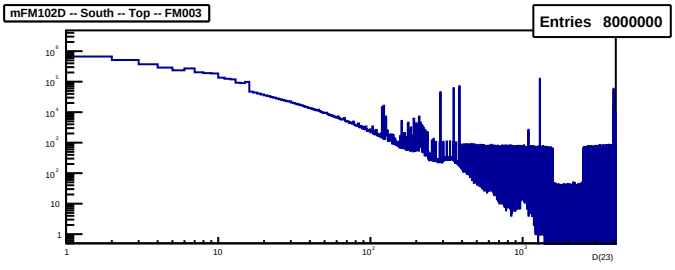
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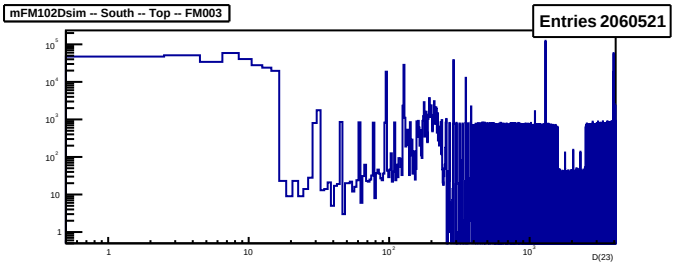
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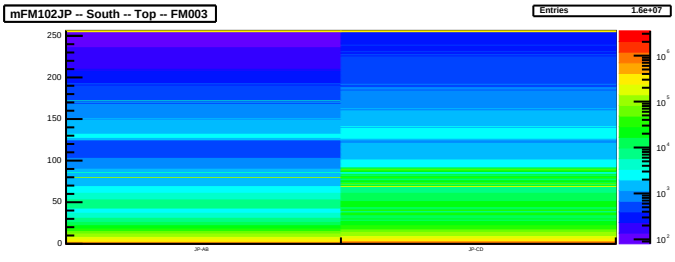
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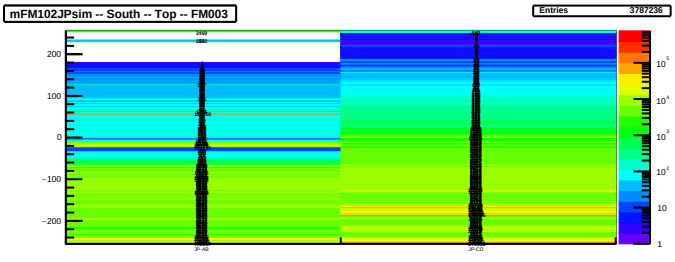
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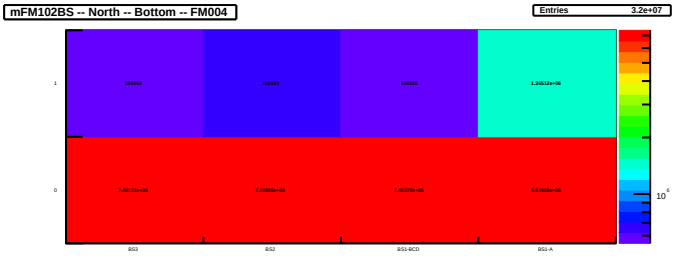
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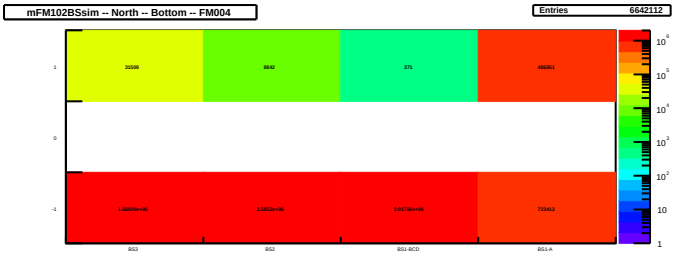
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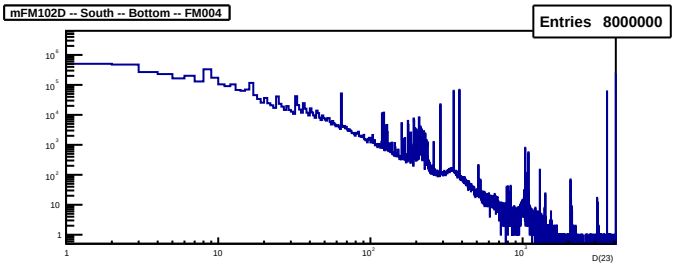
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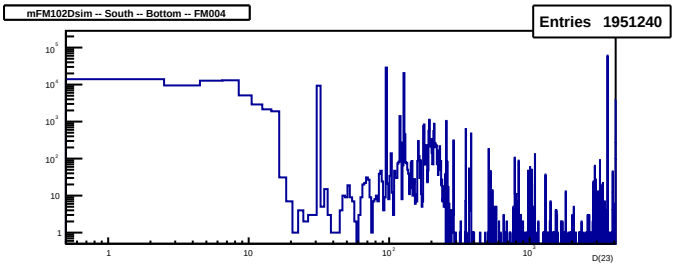
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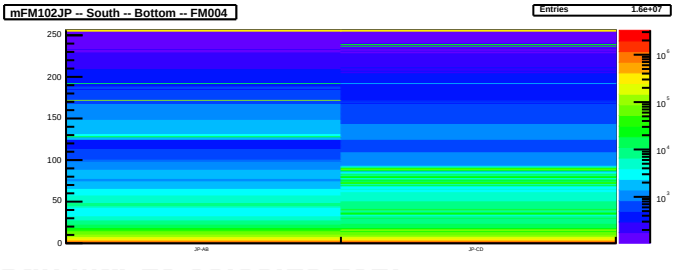
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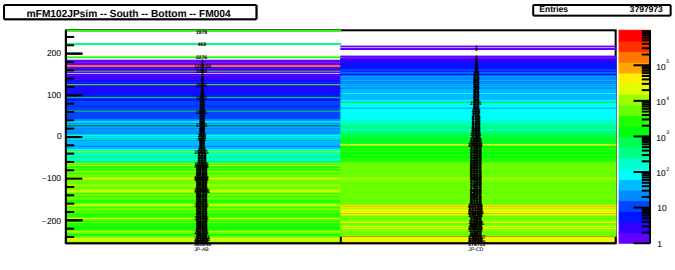
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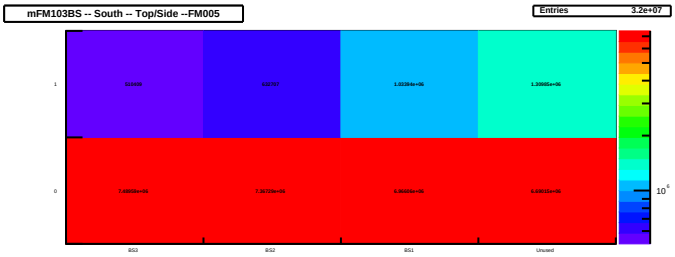
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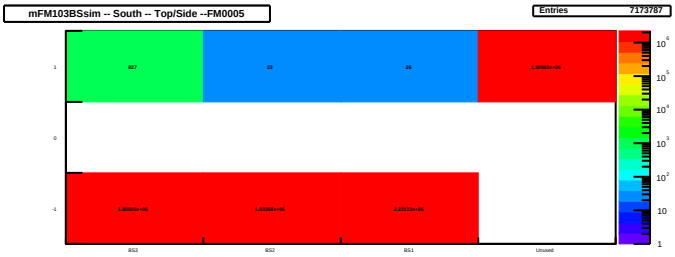
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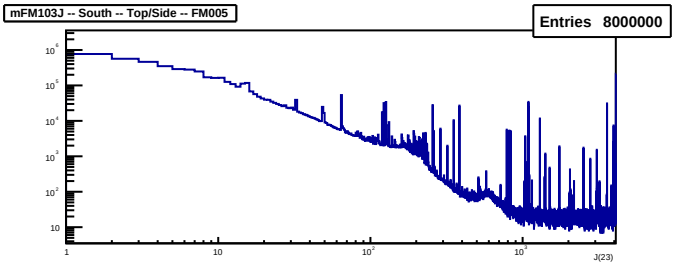
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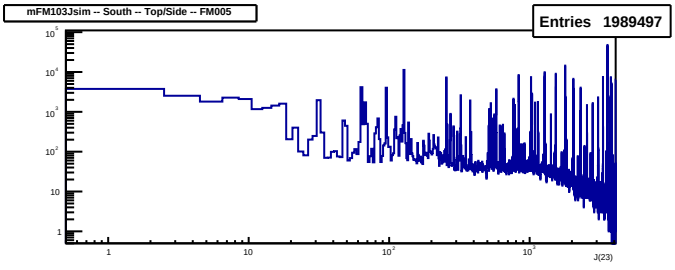
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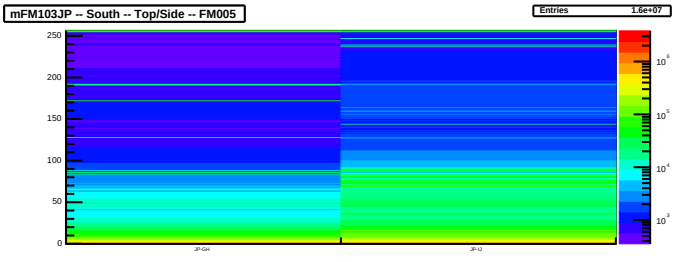
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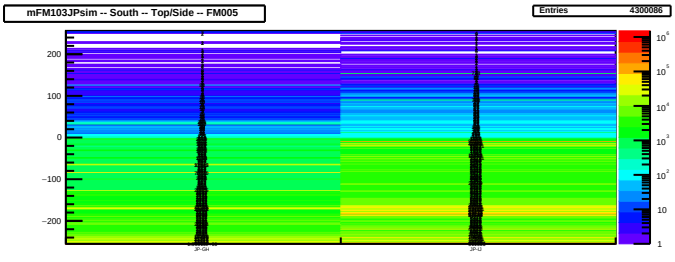
Entries 1.6e+07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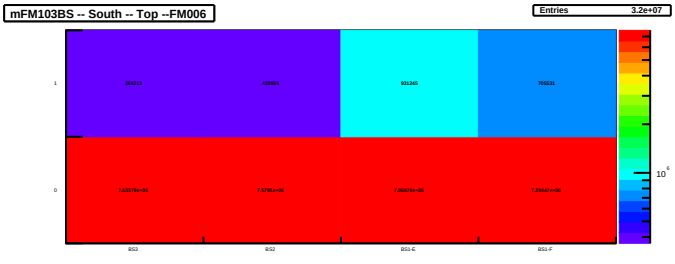
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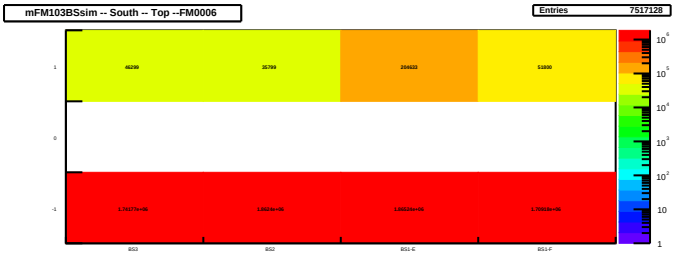
Entries 3.2e+07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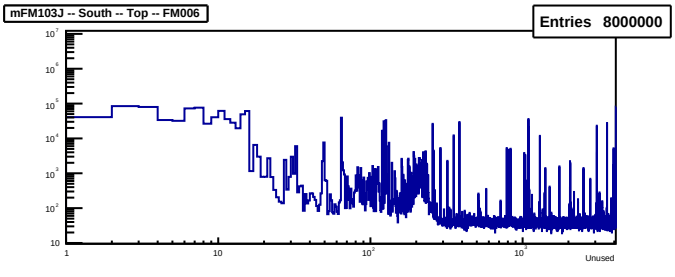
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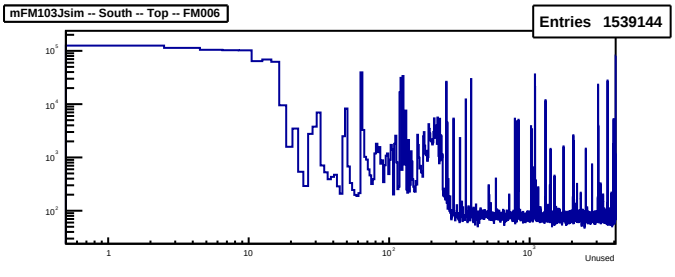
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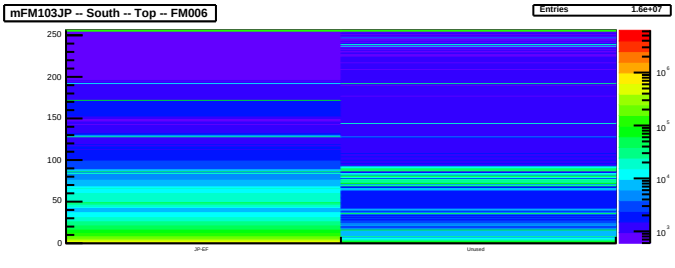
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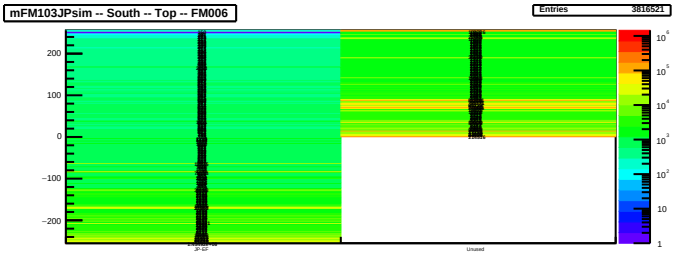
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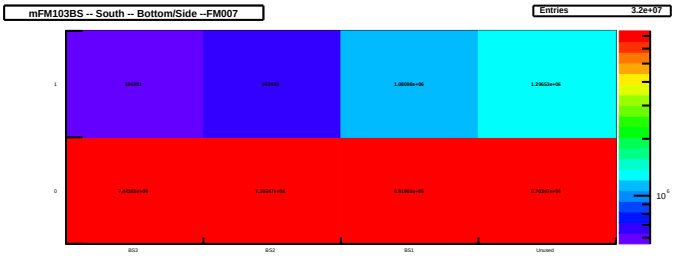
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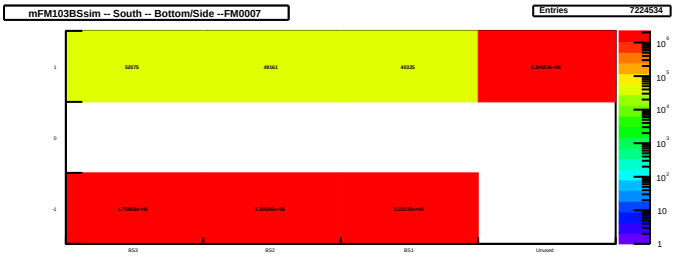
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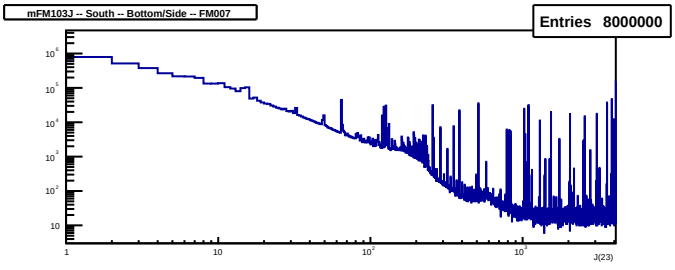
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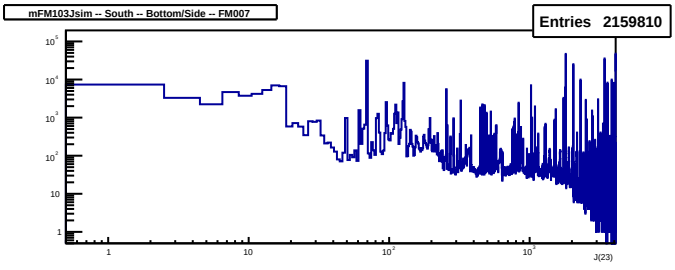
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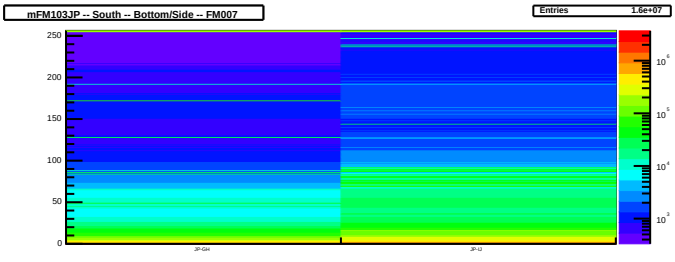
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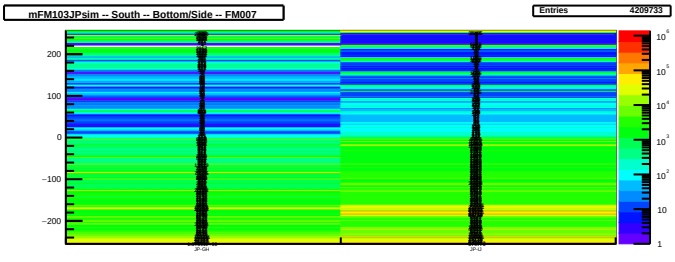
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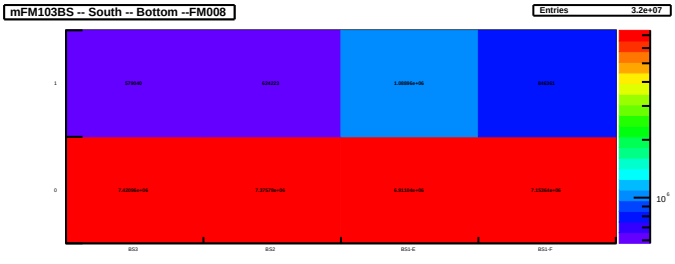
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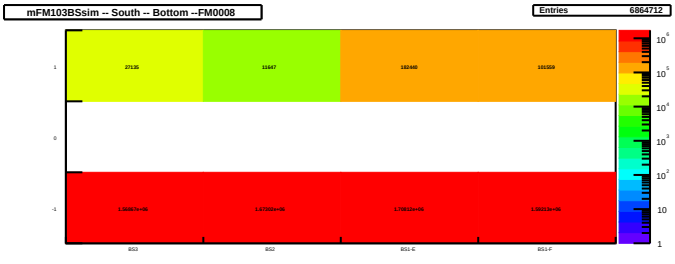
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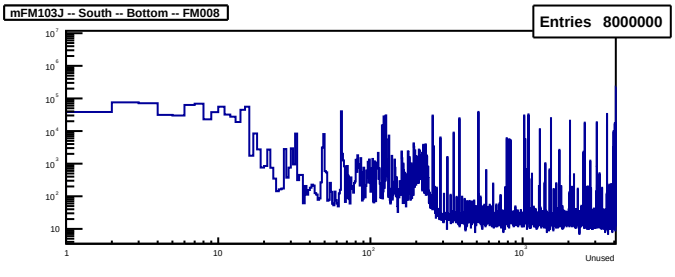
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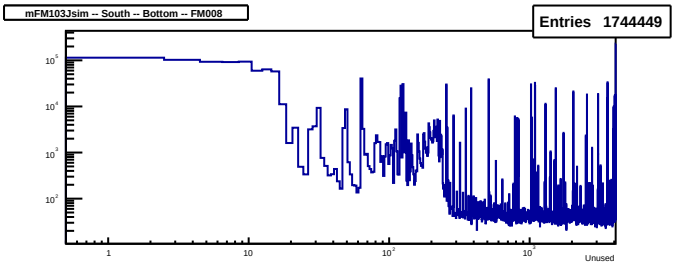
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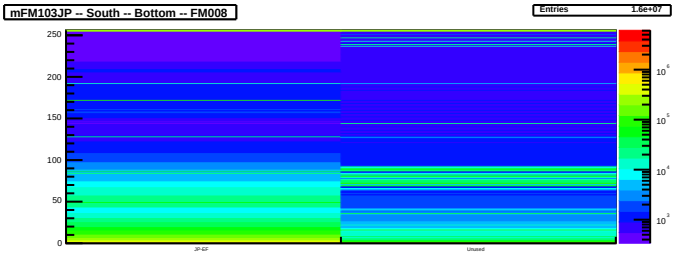
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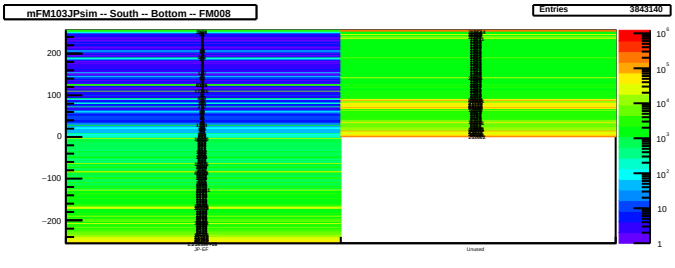
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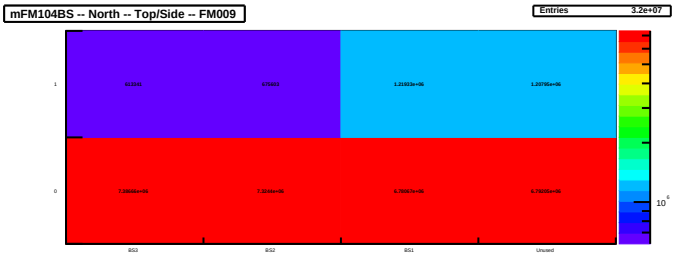
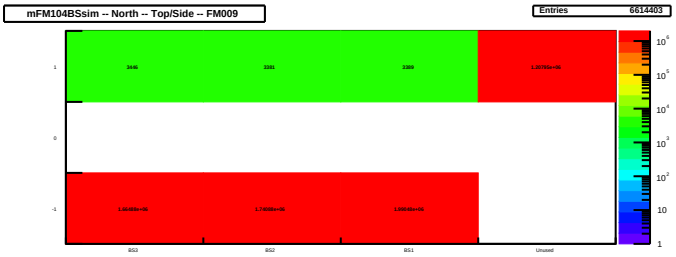
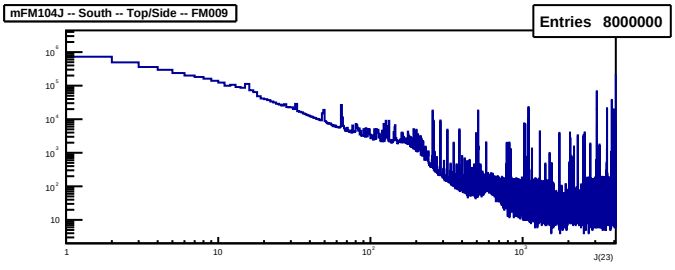
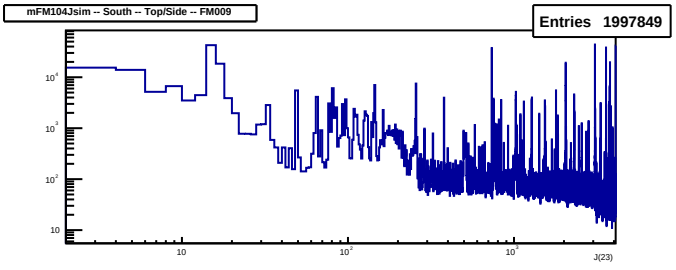
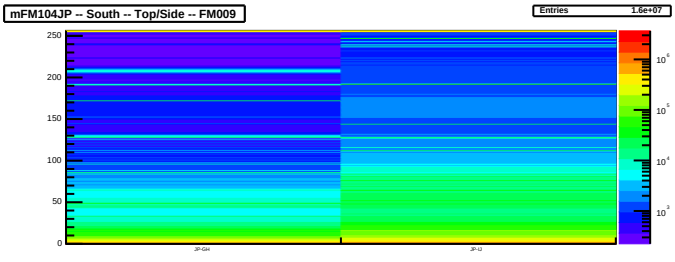
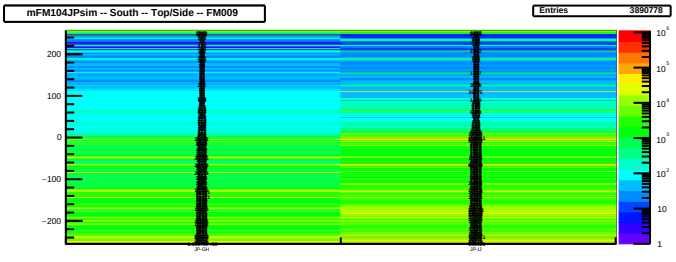

mFM104BS -- North -- Top/Side -- FM009
Entries 3.2e+07

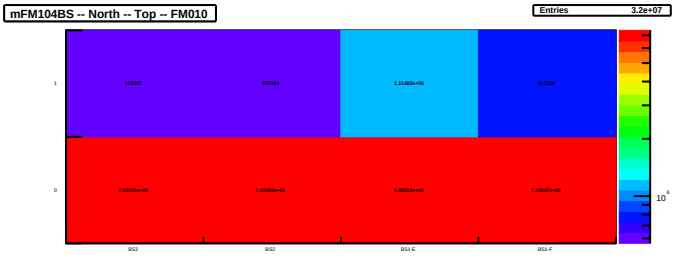

mFM104BSsim -- North -- Top/Side -- FM009
Entries 6614403

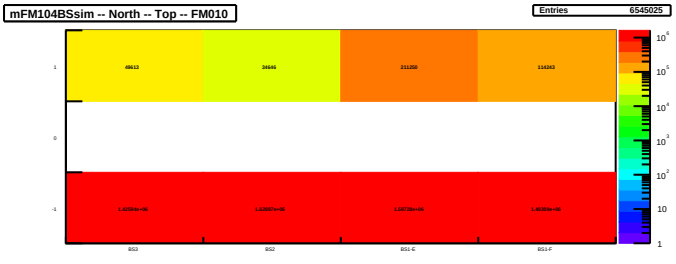

mFM104J -- South -- Top/Side -- FM009
Entries 8000000
J(23)

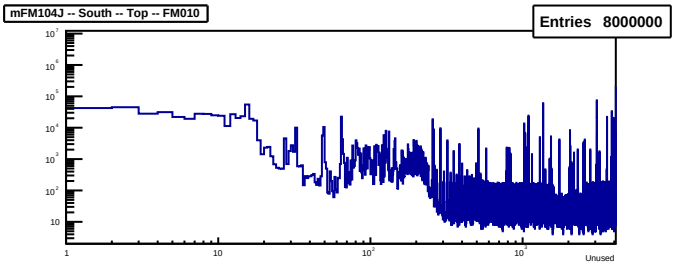

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1997849
J(23)

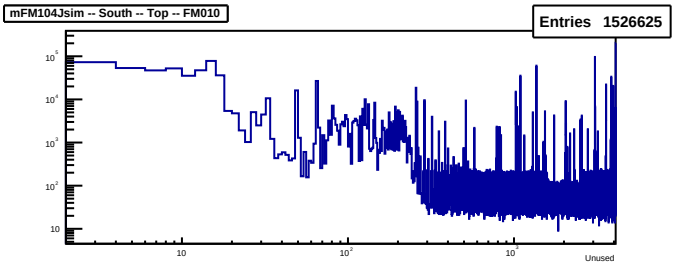

mFM104JP -- South -- Top/Side -- FM009
Entries 1.6e+07

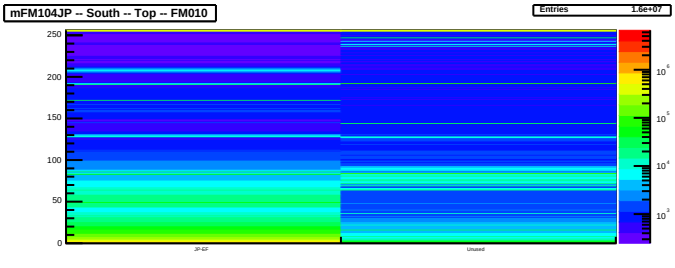

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3890778

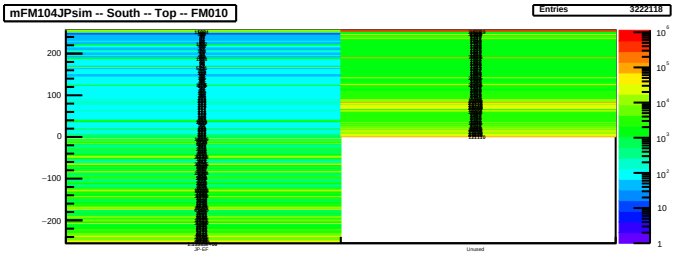

mFM104BS -- North -- Top -- FM010
Entries 3.2e+07

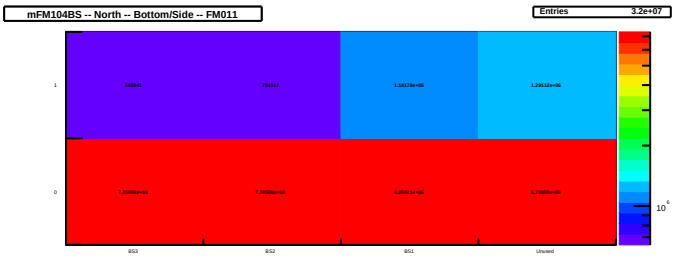

mFM104BSsim -- North -- Top -- FM010
Entries 6545025

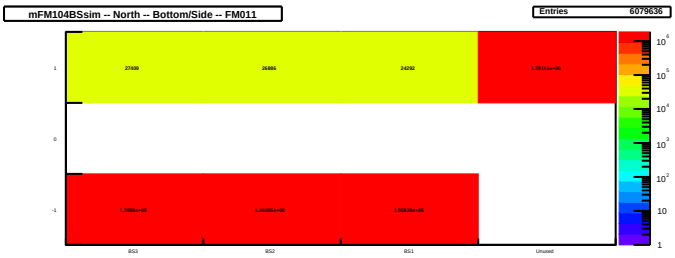

mFM104J -- South -- Top -- FM010
Entries 8000000
Unused

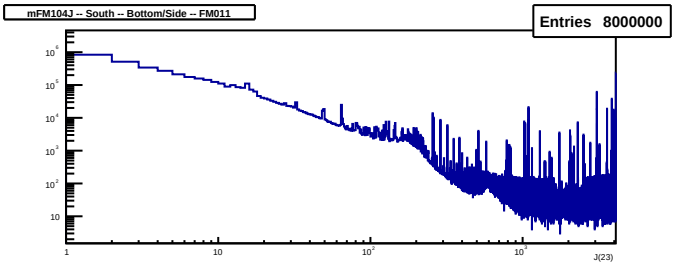

mFM104Jsim -- South -- Top -- FM010
Entries 1526625
Unused

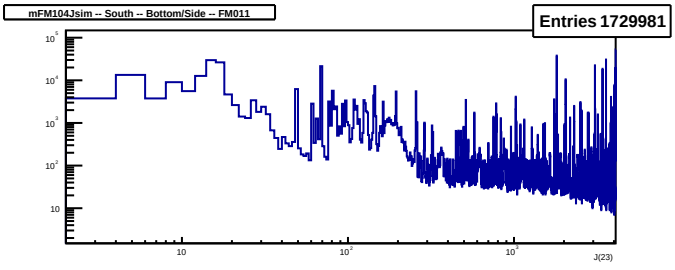

mFM104JP -- South -- Top -- FM010
Entries 1.6e+07

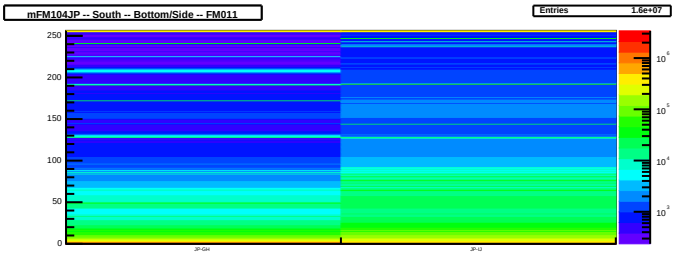

mFM104JPsim -- South -- Top -- FM010
Entries 3222118

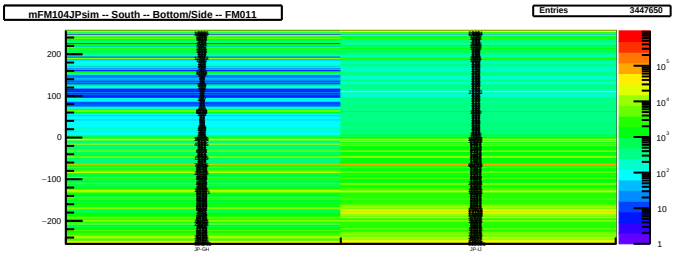

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3.2e+07

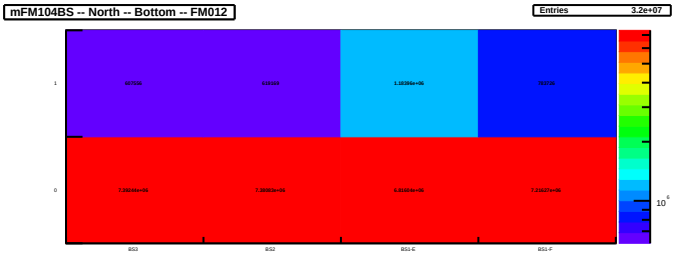

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 6079636

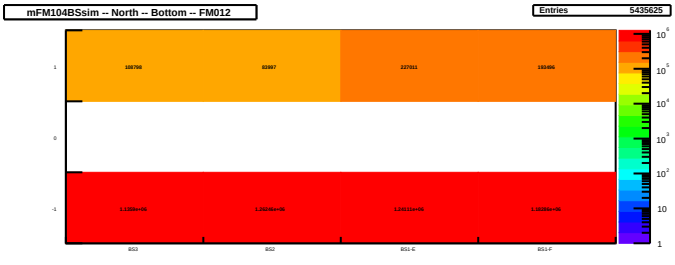

mFM104J -- South -- Bottom/Side -- FM011
Entries 8000000
J(23)

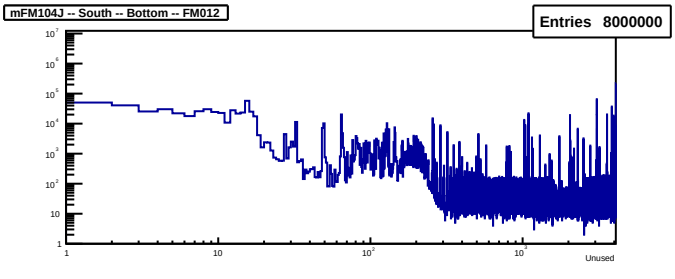

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1729981
J(23)

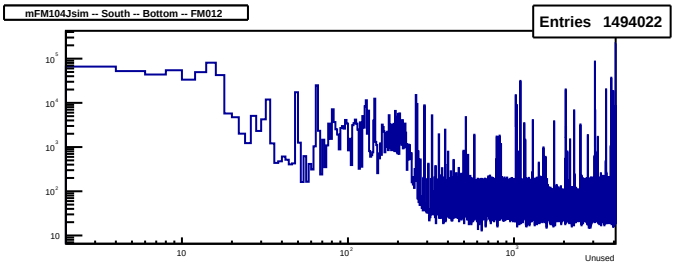

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.6e+07

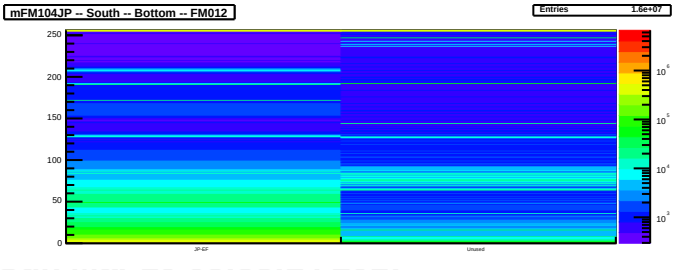

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3447650

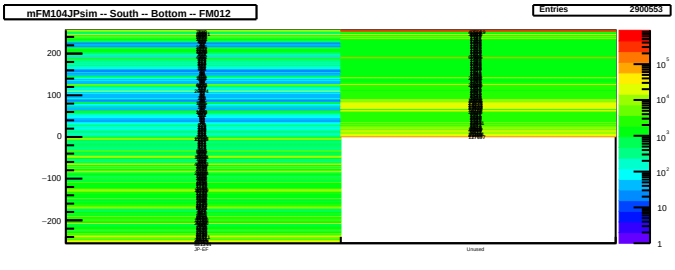

mFM104BS -- North -- Bottom -- FM012
Entries 3.2e+07

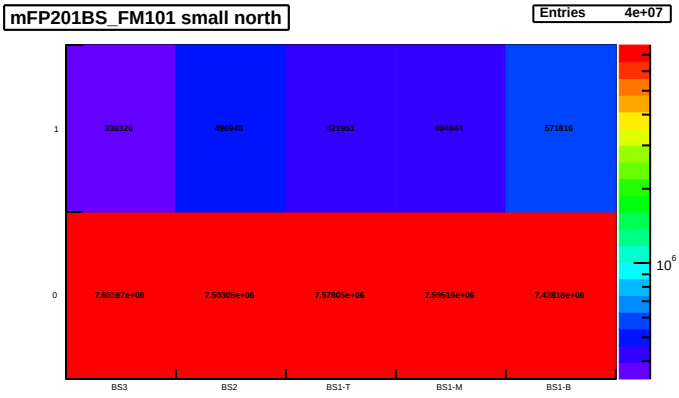

mFM104BSsim -- North -- Bottom -- FM012
Entries 5435625

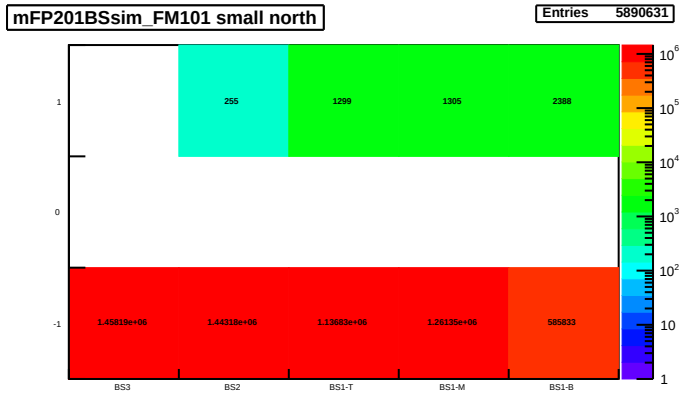

mFM104J -- South -- Bottom -- FM012
Entries 8000000
Unused

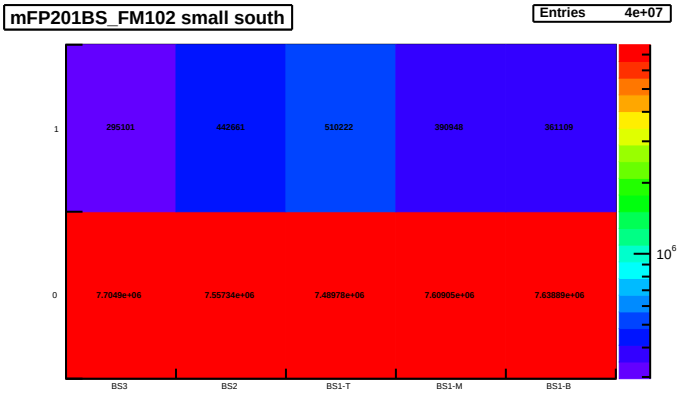

mFM104Jsim -- South -- Bottom -- FM012
Entries 1494022
Unused

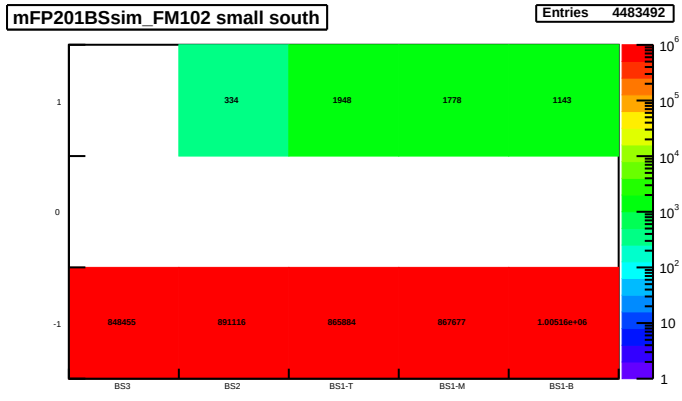

mFM104JP -- South -- Bottom -- FM012
Entries 1.6e+07

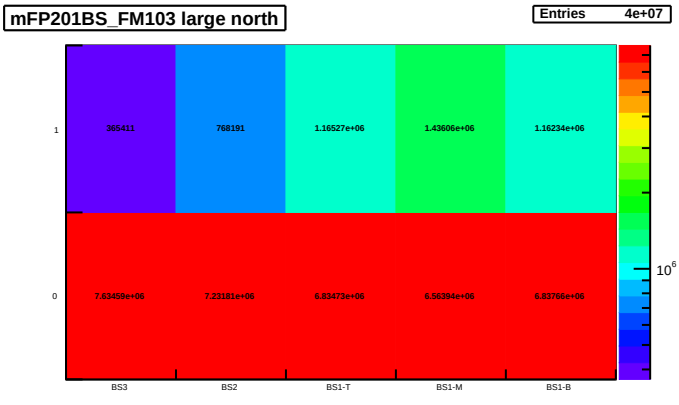

mFM104JPsim -- South -- Bottom -- FM012
Entries 2900553

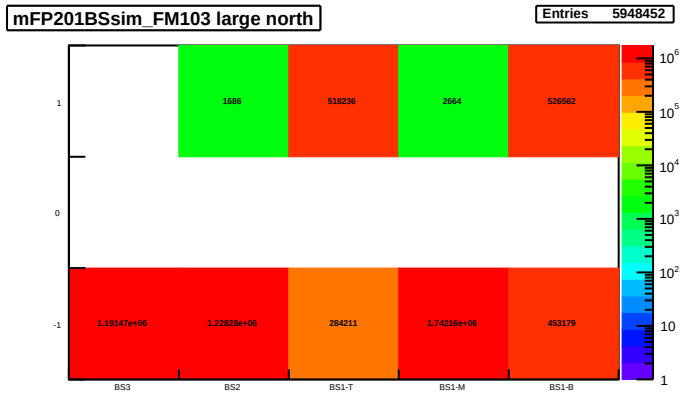

mFP201BS_FM101 small north
Entries 4e+07
338326
496948
421951
404844
571816
7.66167e+06
7.50305e+06
7.57805e+06
7.59516e+06
7.42818e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

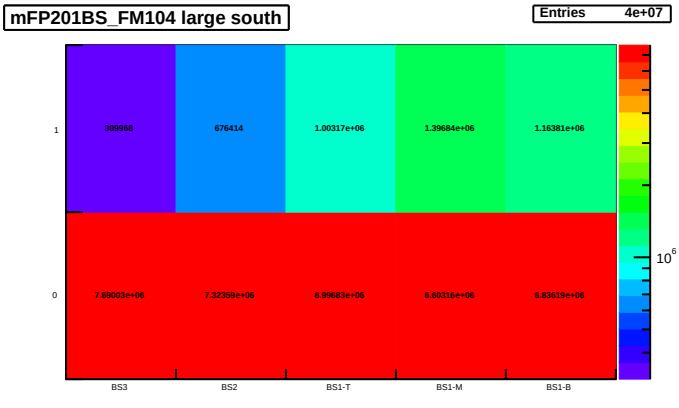

mFP201BSsim_FM101 small north
Entries 5890631
255
1299
1305
2388
1.45819e+06
1.44318e+06
1.13683e+06
1.26135e+06
585833
BS3
BS2
BS1-T
BS1-M
BS1-B

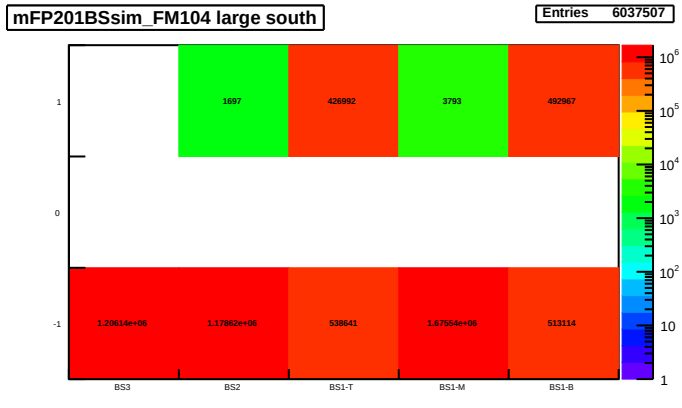

mFP201BS_FM102 small south
Entries 4e+07
295101
442661
510222
390948
361109
7.7049e+06
7.55734e+06
7.48978e+06
7.60905e+06
7.63889e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

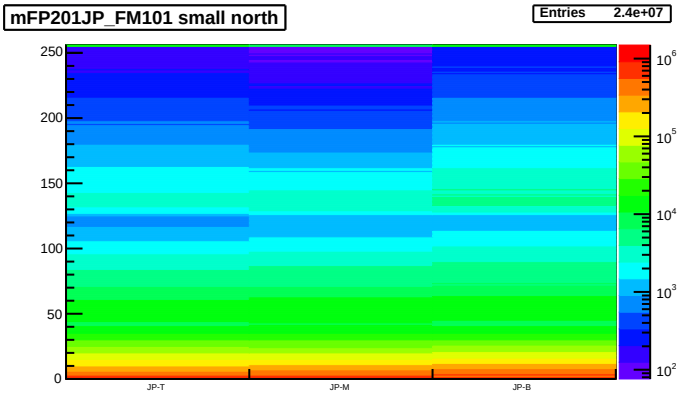

mFP201BSsim_FM102 small south
Entries 4483492
334
1948
1778
1143
848455
891116
865884
867677
1.00516e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

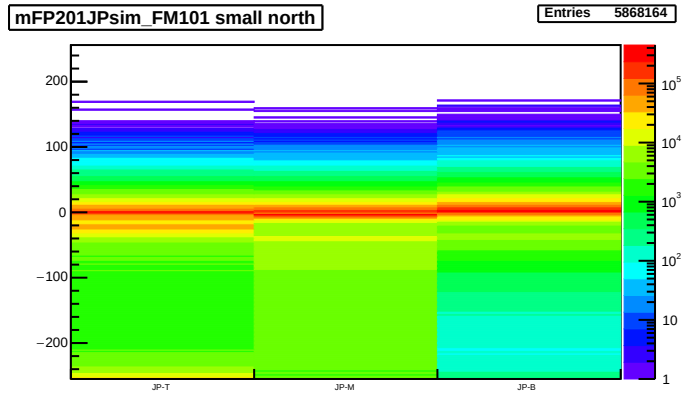

mFP201BS_FM103 large north
Entries 4e+07
365411
768191
1.16527e+06
1.43606e+06
1.16234e+06
7.63459e+06
7.23181e+06
6.83473e+06
6.56394e+06
6.83766e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

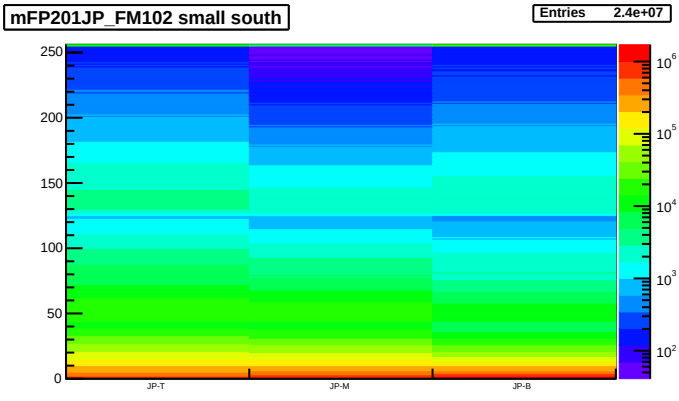

mFP201BSsim_FM103 large north
Entries 5948452
1686
518236
2664
526562
1.19147e+06
1.22828e+06
284211
1.74216e+06
453179
BS3
BS2
BS1-T
BS1-M
BS1-B

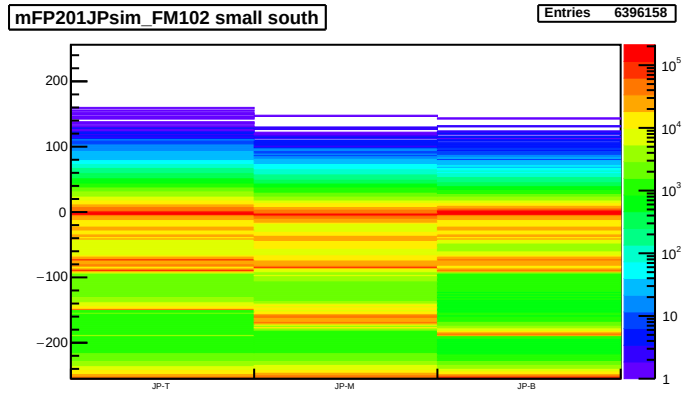

mFP201BS_FM104 large south
Entries 4e+07
309868
676414
1.00317e+06
1.39684e+06
1.16381e+06
7.69003e+06
7.32359e+06
6.99683e+06
6.60316e+06
6.83619e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

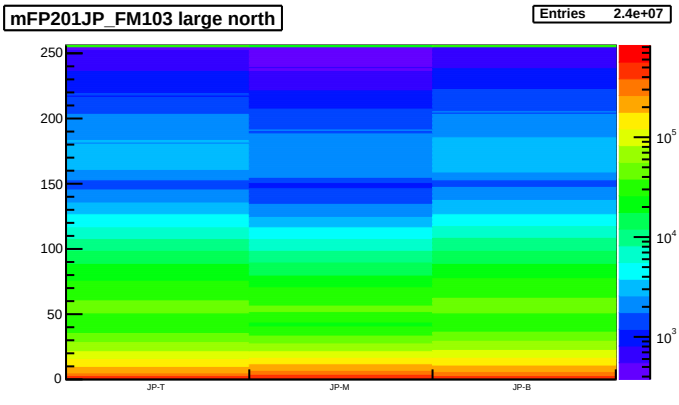

mFP201BSsim_FM104 large south
Entries 6037507
1697
426992
3793
492967
1.20614e+06
1.17862e+06
538641
1.67554e+06
513114
BS3
BS2
BS1-T
BS1-M
BS1-B

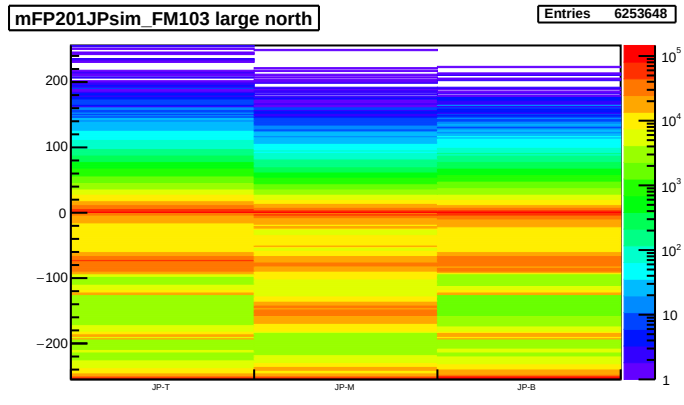

mFP201JP_FM101 small north
Entries 2.4e+07
JP-T
JP-M
JP-B

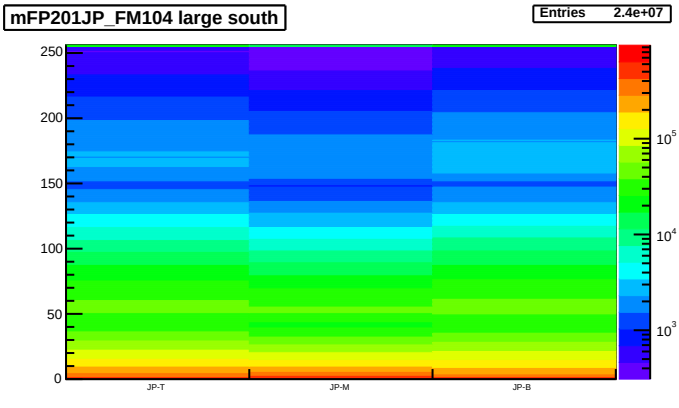

mFP201JPsim_FM101 small north
Entries 5868164
JP-T
JP-M
JP-B

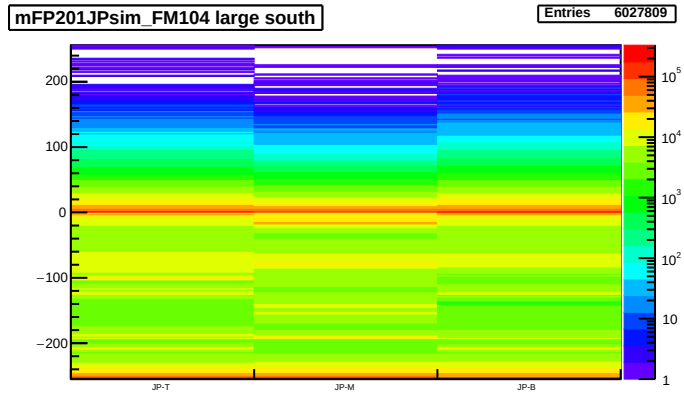

mFP201JP_FM102 small south
Entries 2.4e+07
JP-T
JP-M
JP-B

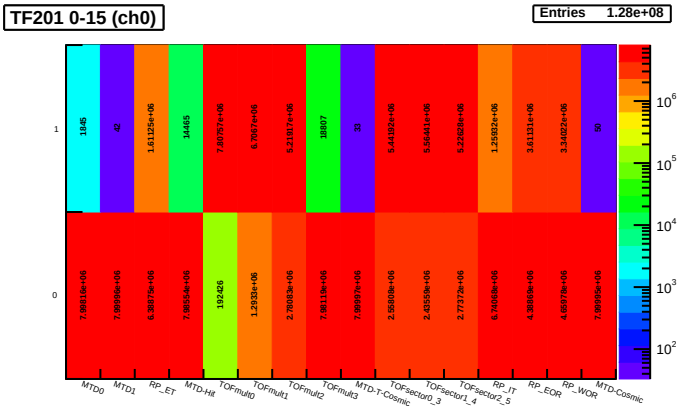

mFP201JPsim_FM102 small south
Entries 6396158
JP-T
JP-M
JP-B

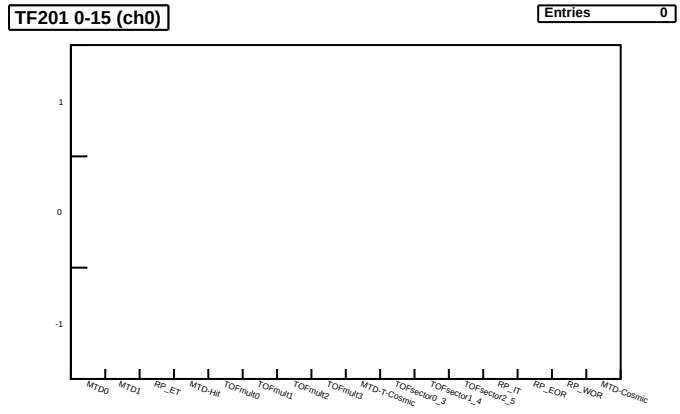

mFP201JP_FM103 large north
Entries 2.4e+07
JP-T
JP-M
JP-B

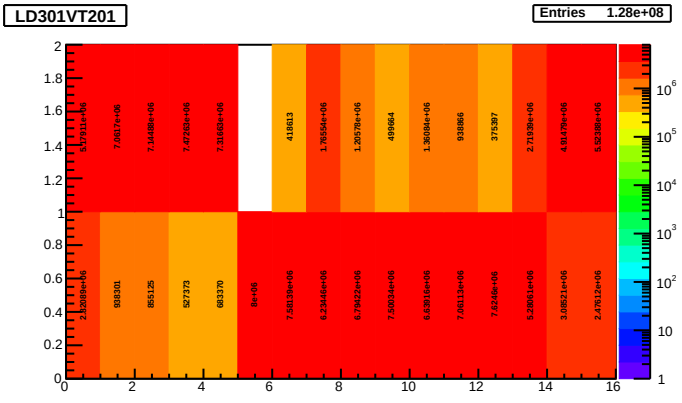

mFP201JPsim_FM103 large north
Entries 6253648
JP-T
JP-M
JP-B

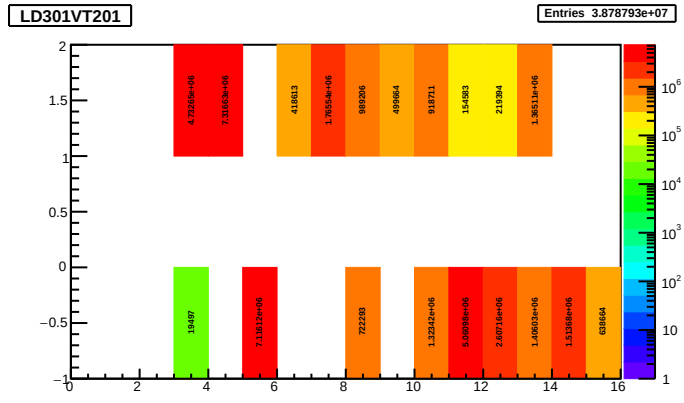

mFP201JP_FM104 large south
Entries 2.4e+07
JP-T
JP-M
JP-B

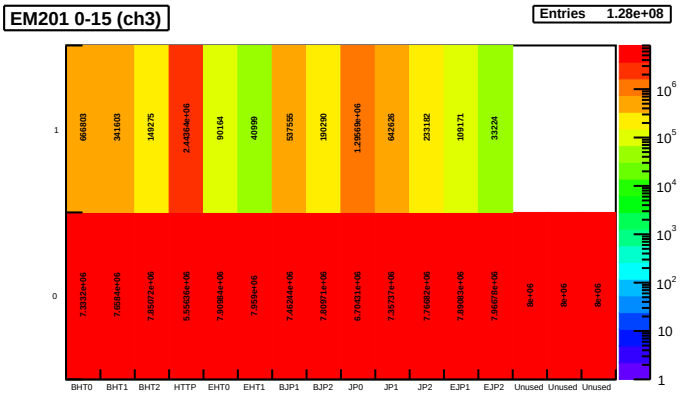

mFP201JPsim_FM104 large south
Entries 6027809
JP-T
JP-M
JP-B

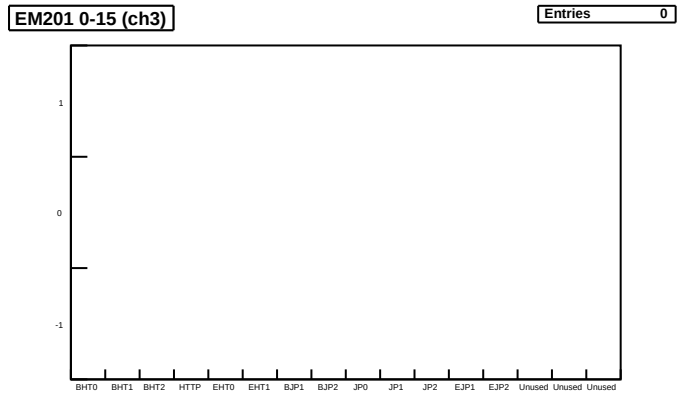

TF201 0-15 (ch0)
Entries 1.28e+08
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

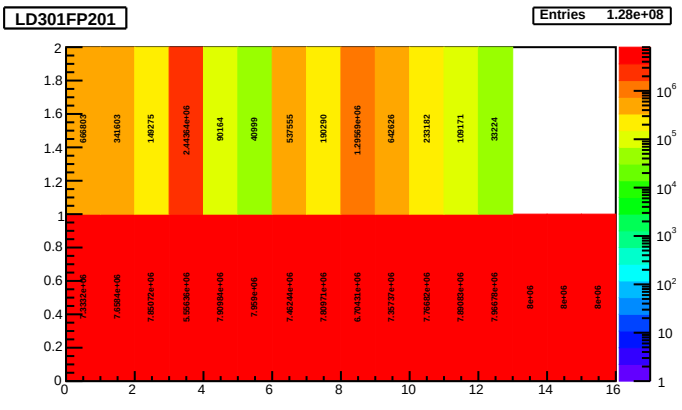

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

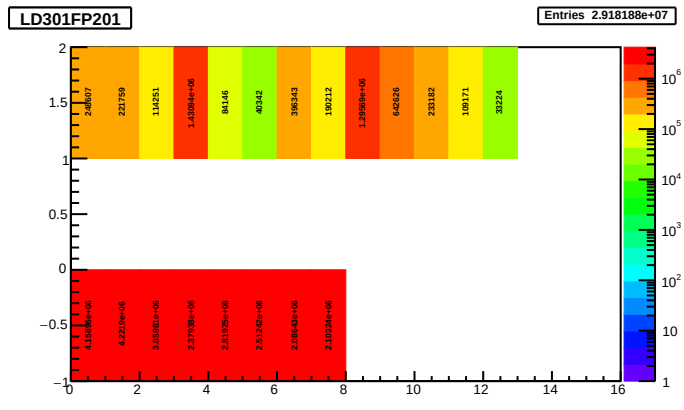

LD301VT201
Entries 1.28e+08


LD301VT201
Entries 3.878793e+07


EM201 0-15 (ch3)
Entries 1.28e+08
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 1.28e+08


LD301FP201
Entries 2.918188e+07