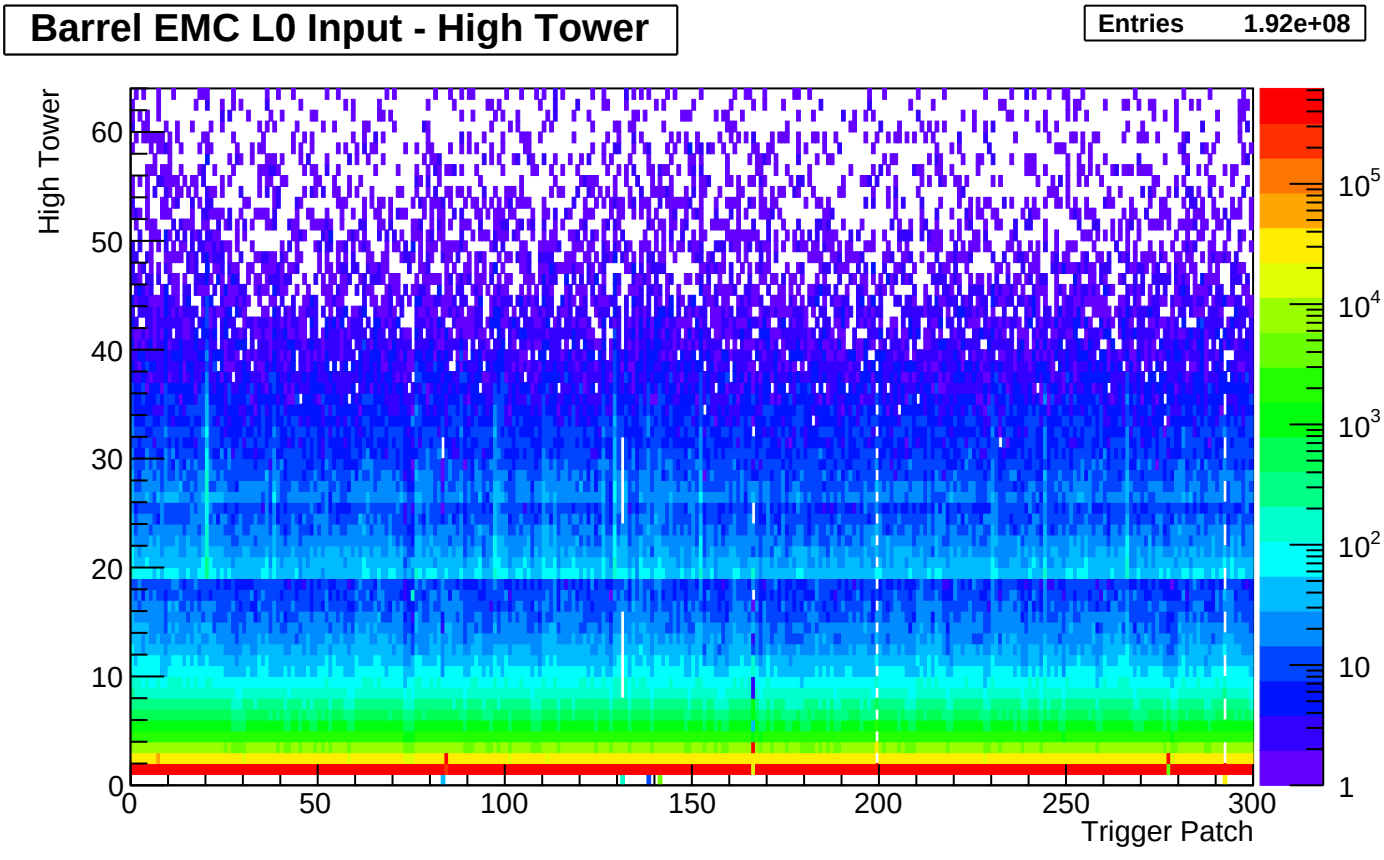
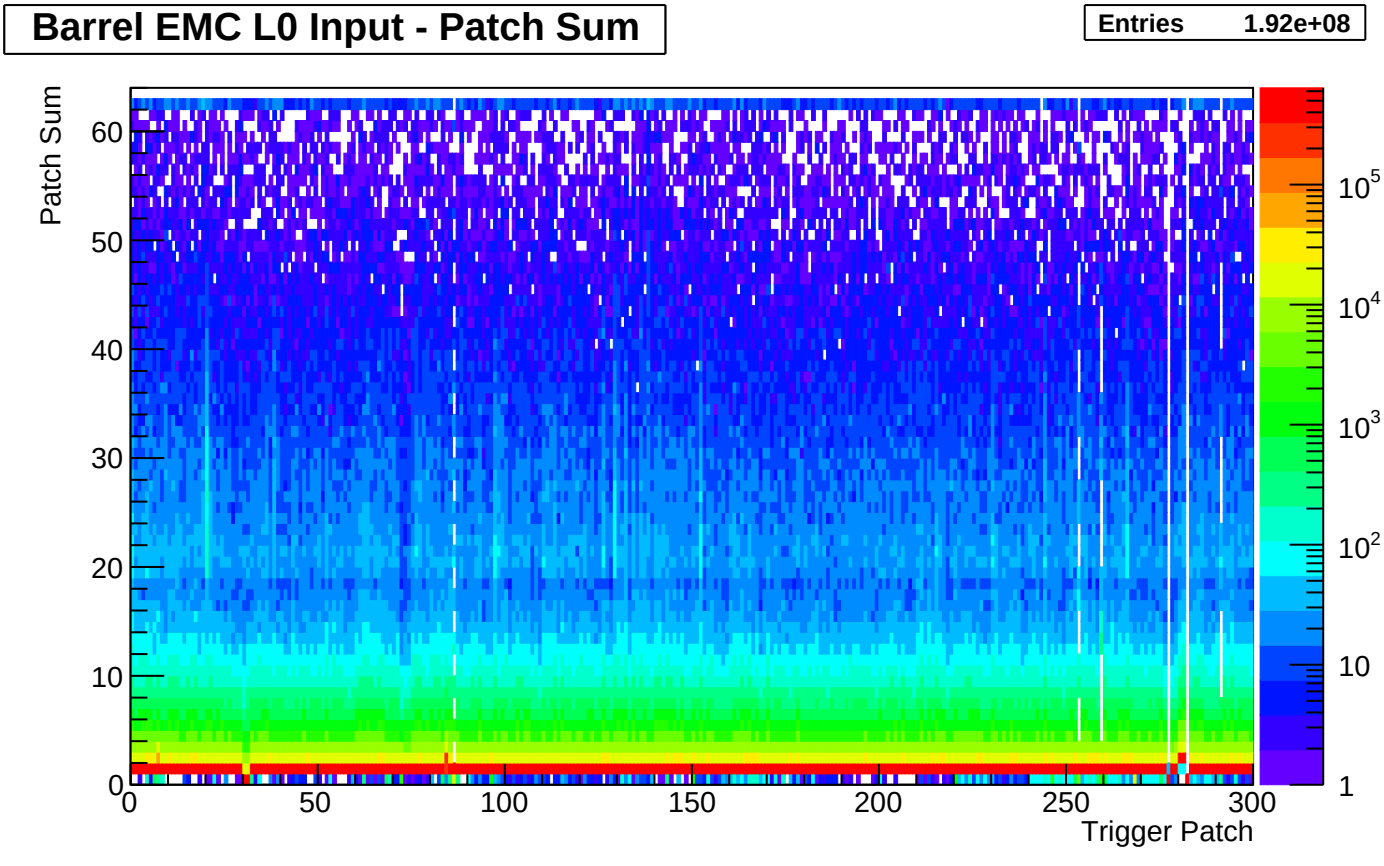
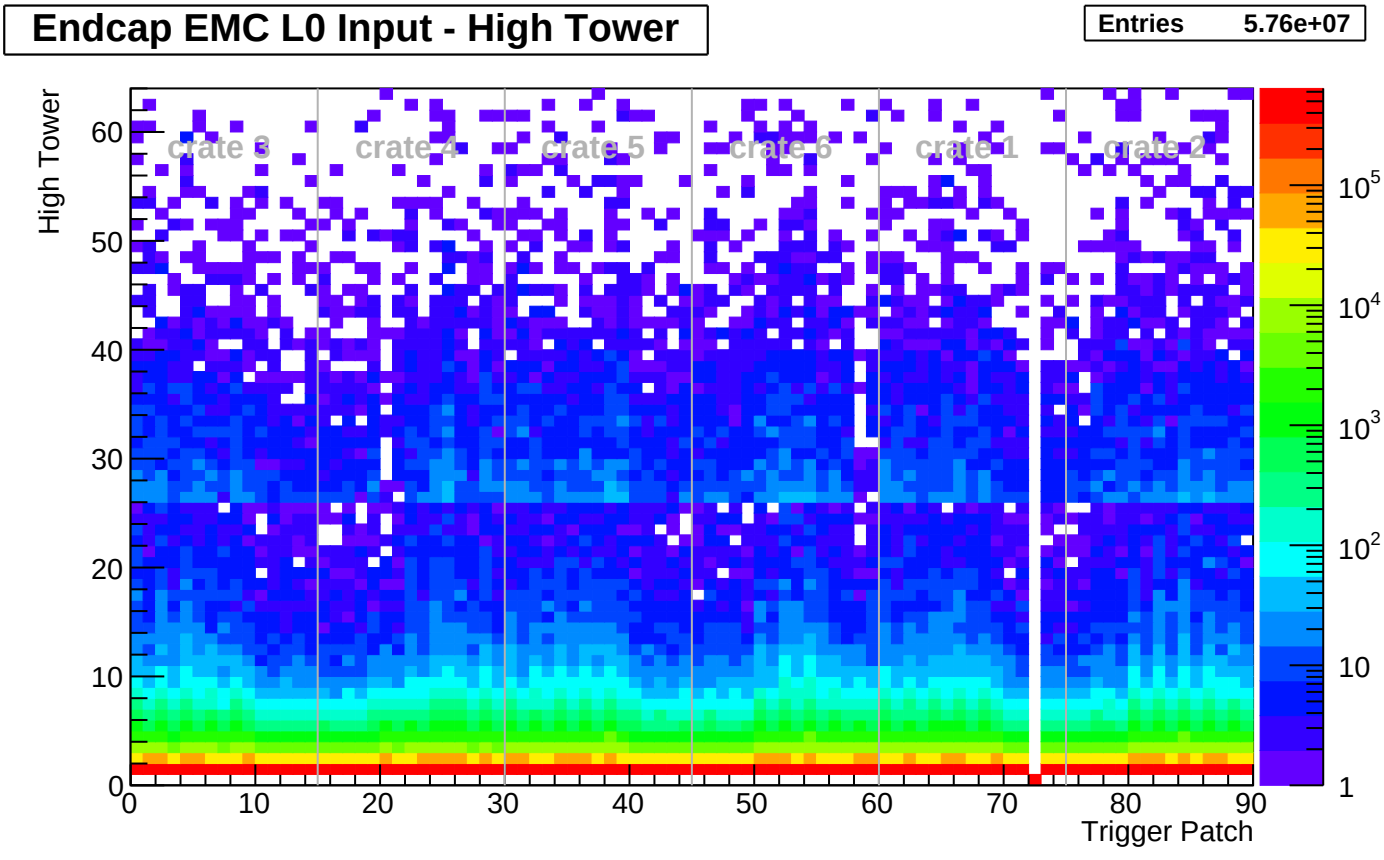
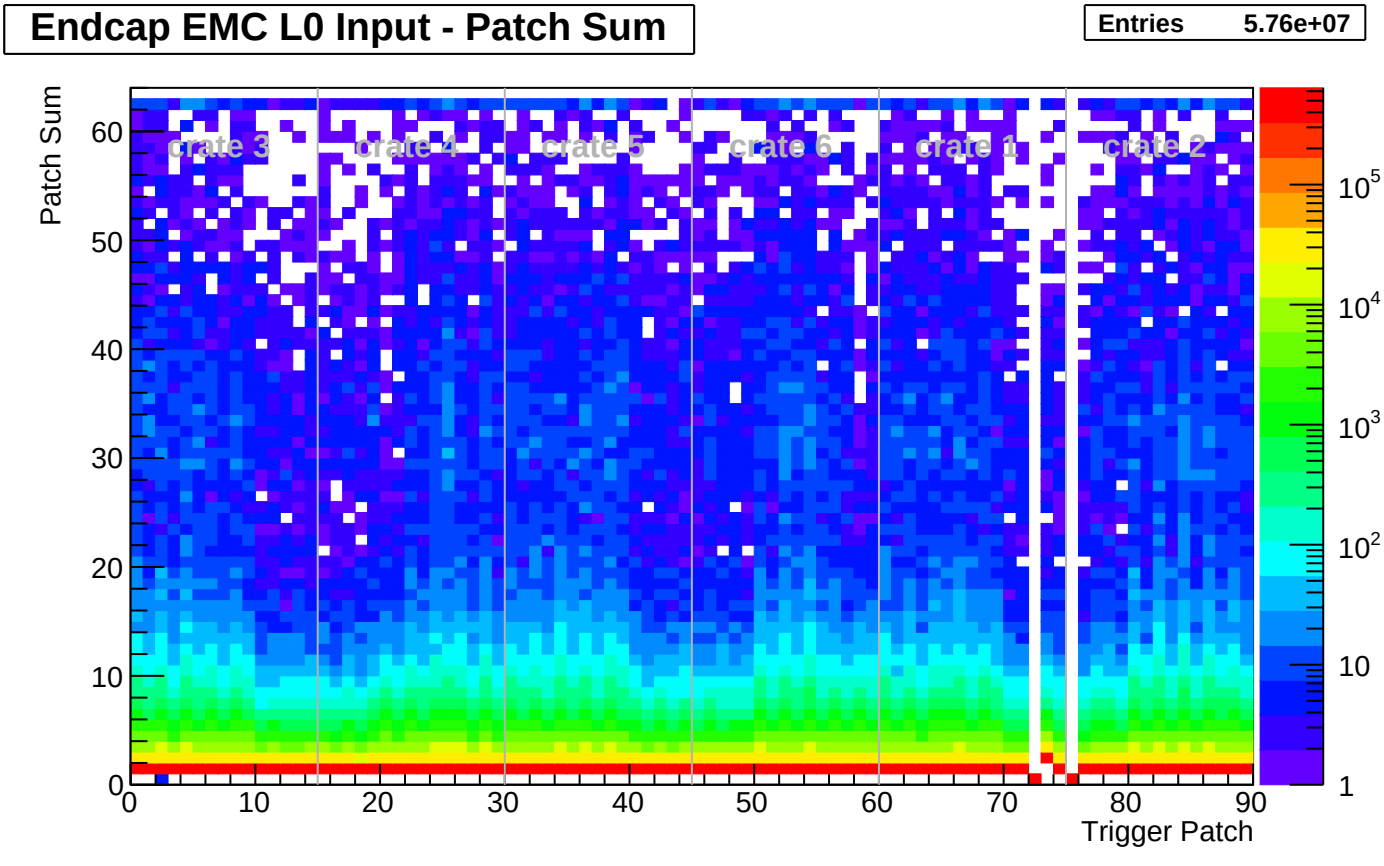
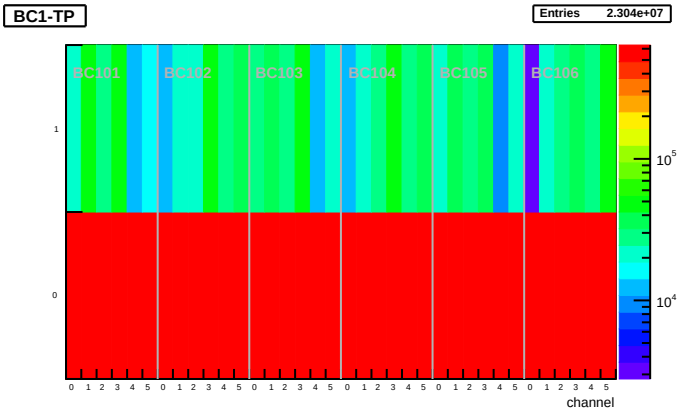
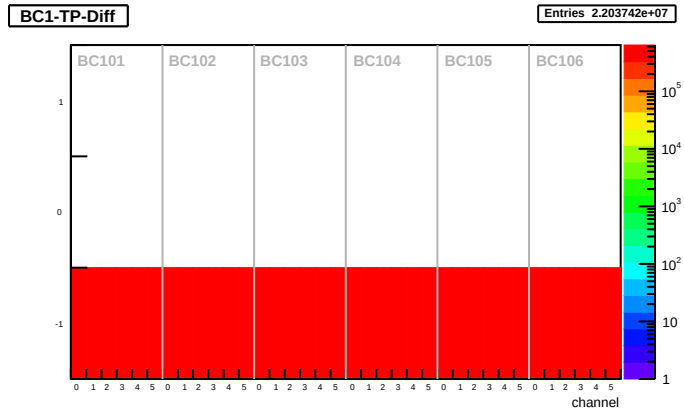

Barrel EMC L0 Input - High Tower
Entries 1.92e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

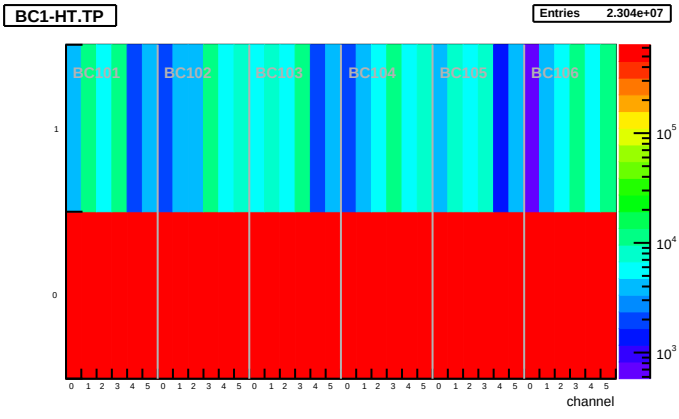

Barrel EMC L0 Input - Patch Sum
Entries 1.92e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

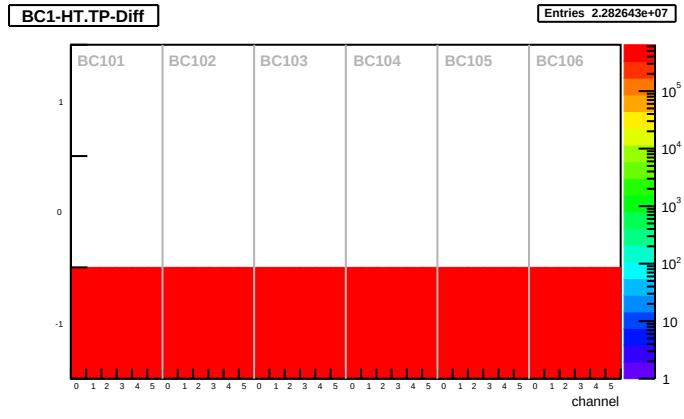

Endcap EMC L0 Input - High Tower
Entries 5.76e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

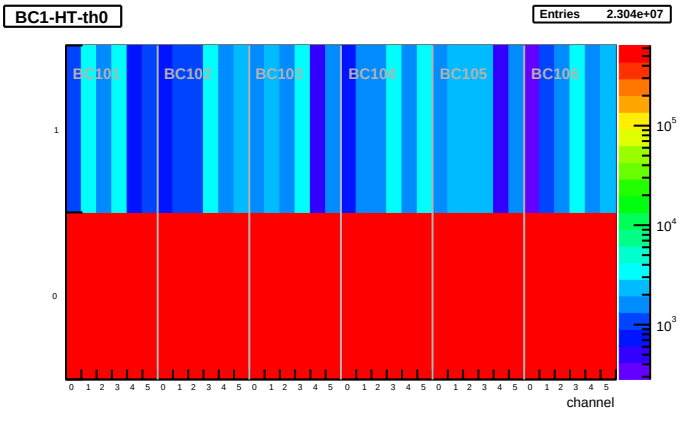

Endcap EMC L0 Input - Patch Sum
Entries 5.76e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

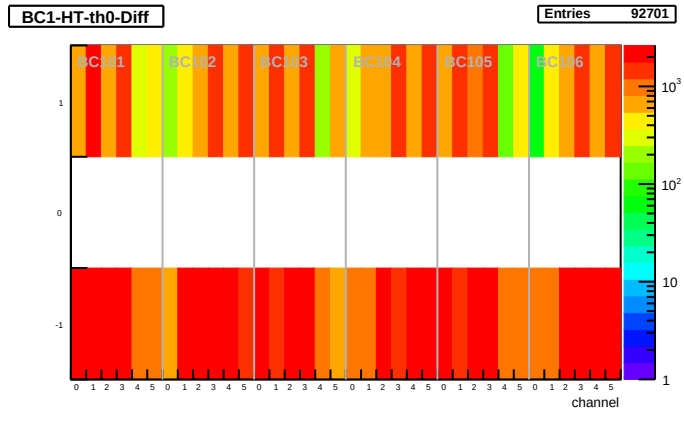

BC1-TP
Entries 2.304e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

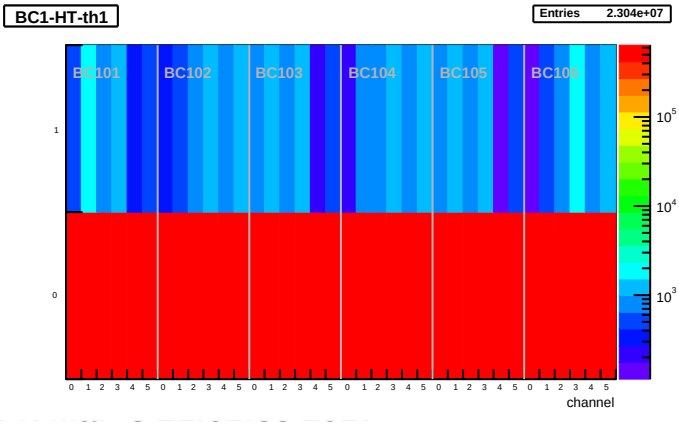

BC1-TP-Diff
Entries 2.203742e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

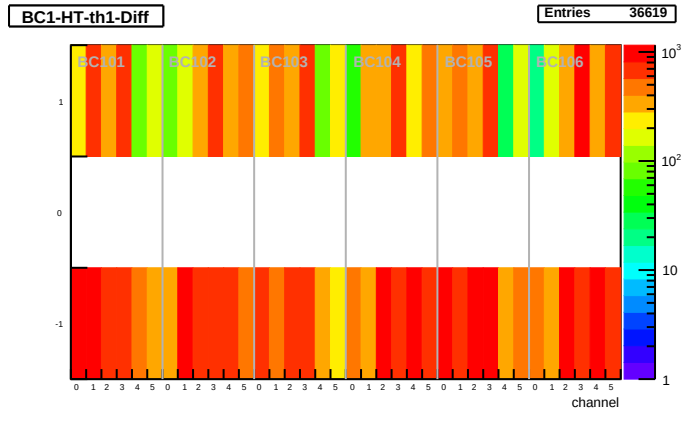

BC1-HT.TP
Entries 2.304e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

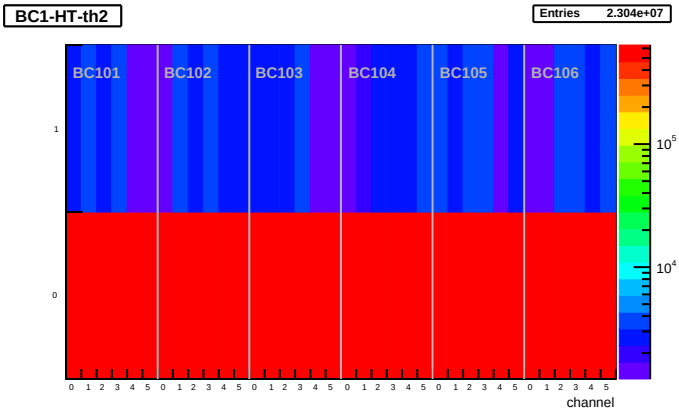

BC1-HT.TP-Diff
Entries 2.282643e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

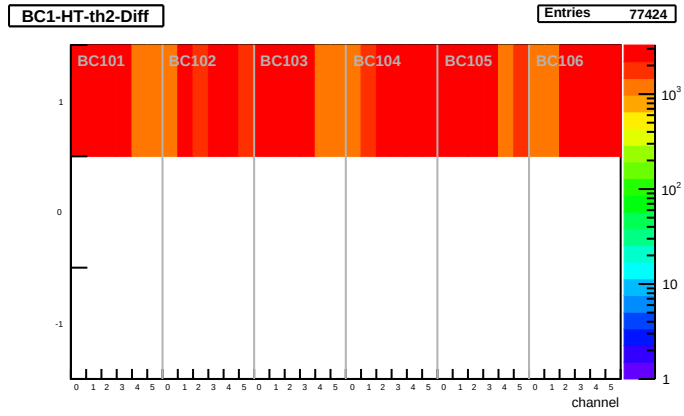

BC1-HT-th0
Entries 2.304e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

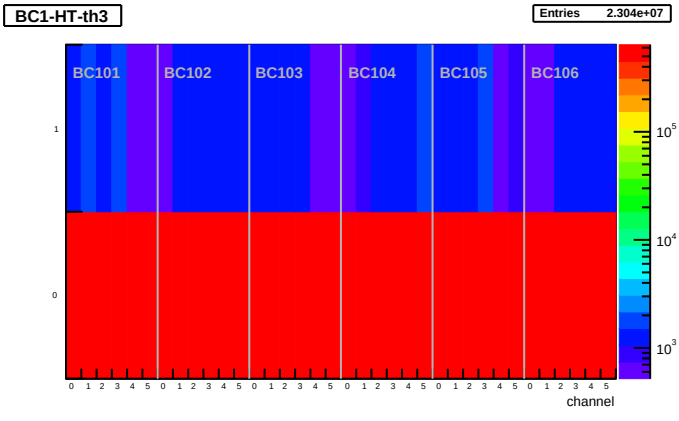

BC1-HT-th0-Diff
Entries 92701
BC101
BC102
BC103
BC104
BC105
BC106
channel

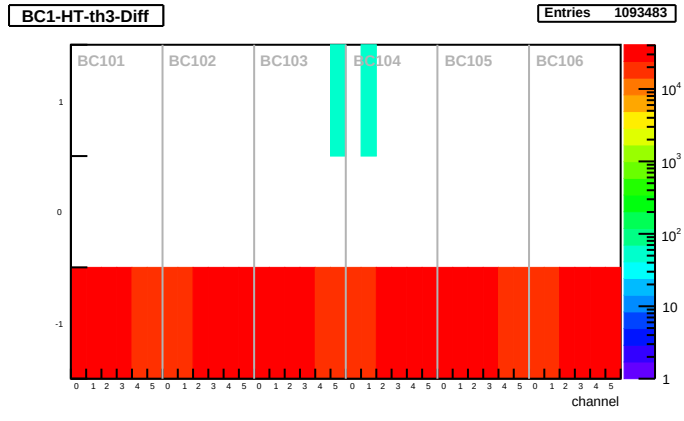

BC1-HT-th1
Entries 2.304e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

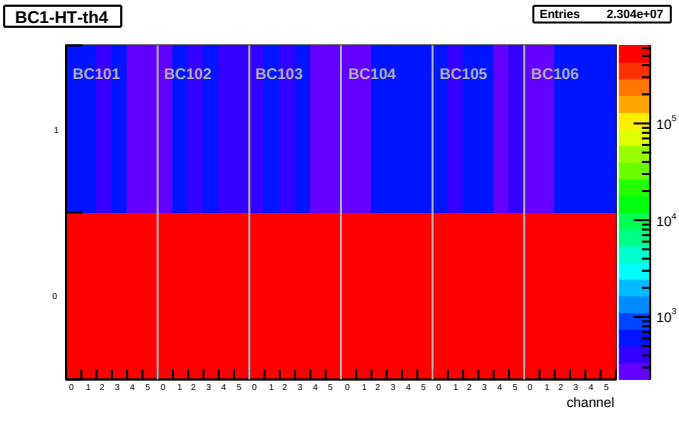

BC1-HT-th1-Diff
Entries 36619
BC101
BC102
BC103
BC104
BC105
BC106
channel

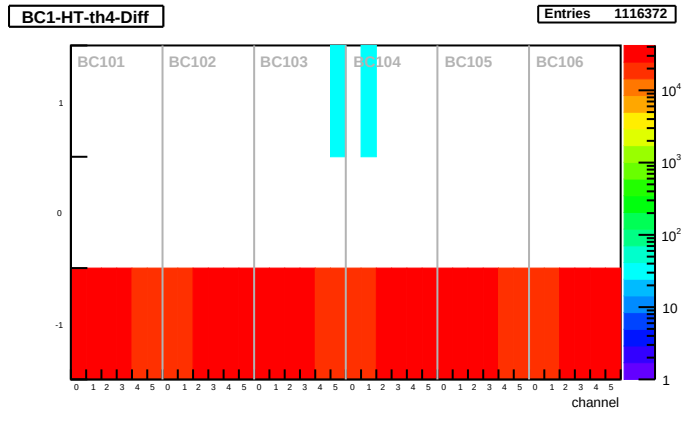

BC1-HT-th2
Entries 2.304e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

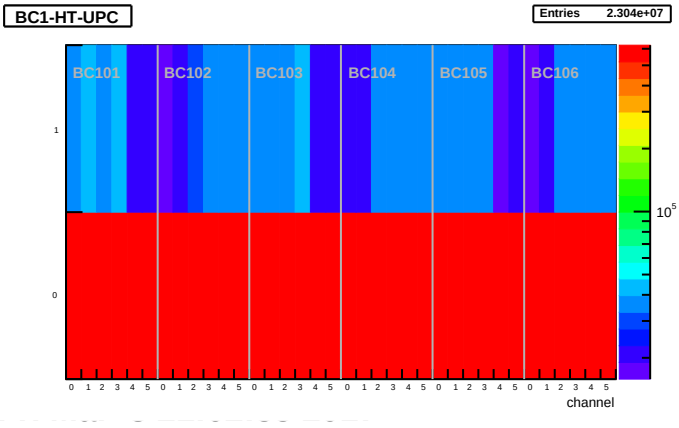

BC1-HT-th2-Diff
Entries 77424
BC101
BC102
BC103
BC104
BC105
BC106
channel

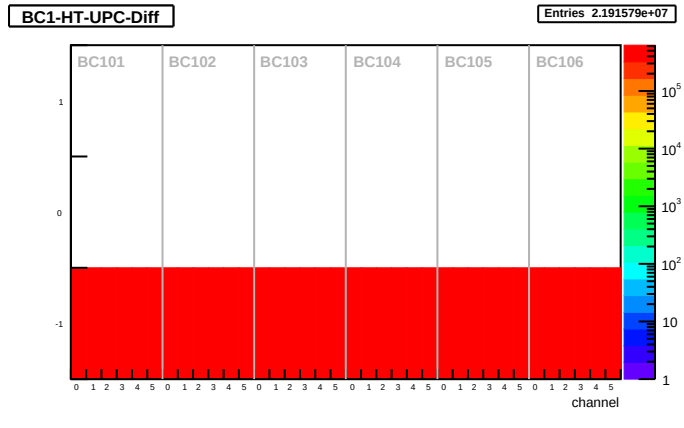

BC1-HT-th3
Entries 2.304e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

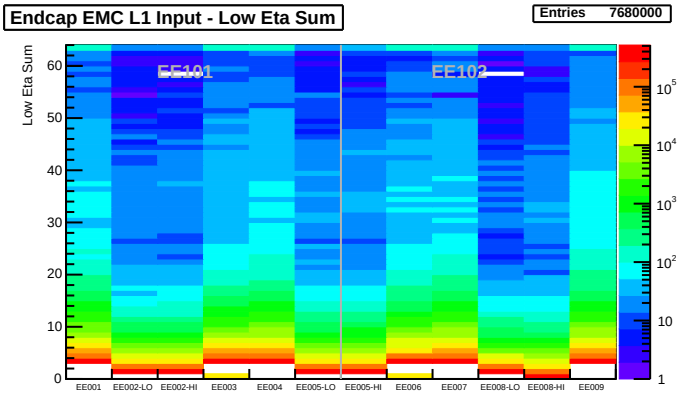

BC1-HT-th3-Diff
Entries 1093483
BC101
BC102
BC103
BC104
BC105
BC106
channel

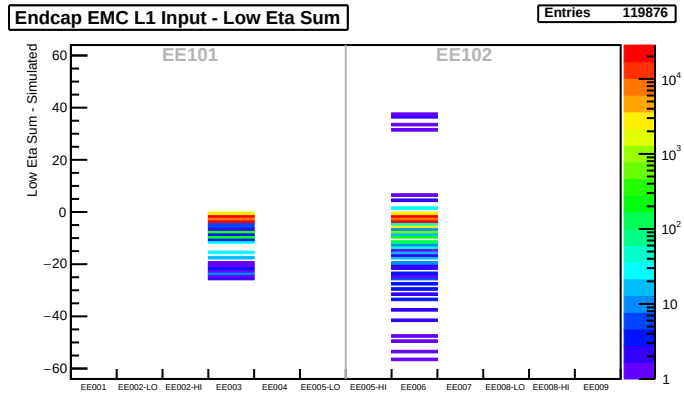

BC1-HT-th4
Entries 2.304e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

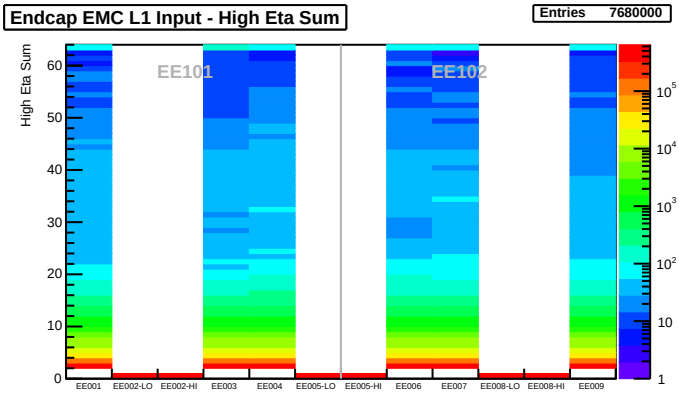

BC1-HT-th4-Diff
Entries 1116372
BC101
BC102
BC103
BC104
BC105
BC106
channel

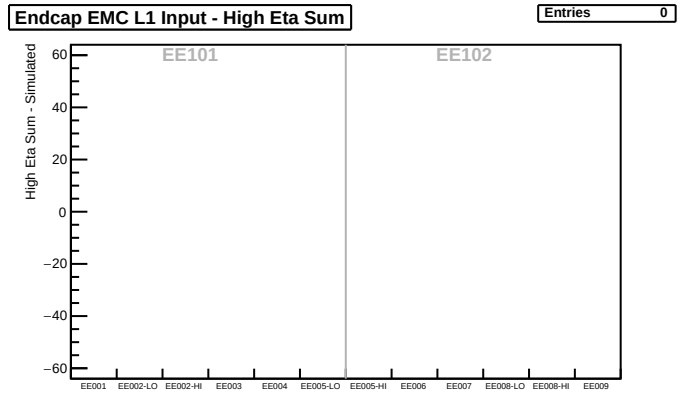

BC1-HT-UPC
Entries 2.304e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

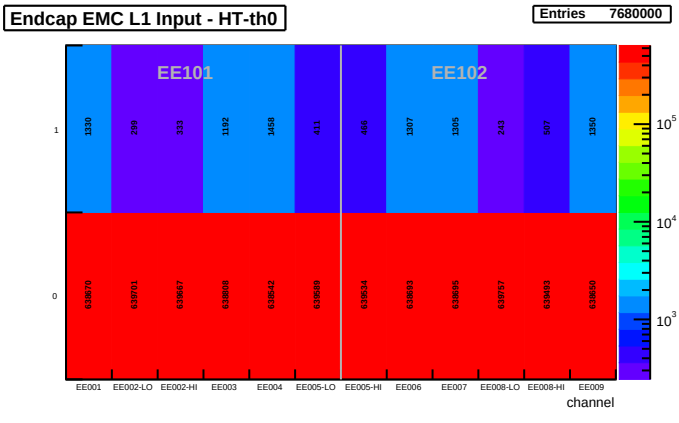

BC1-HT-UPC-Diff
Entries 2.191579e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

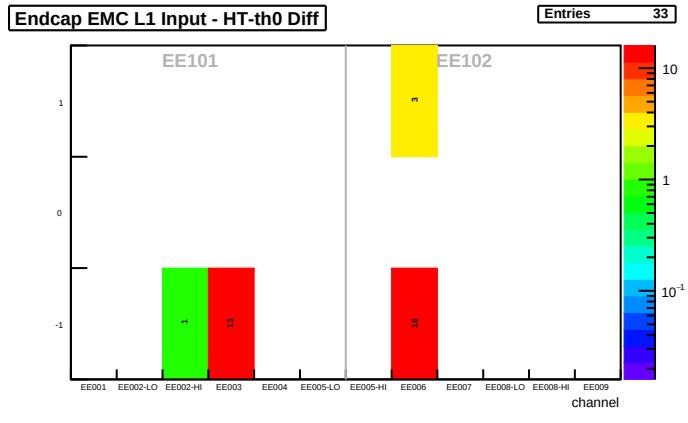

Endcap EMC L1 Input - Low Eta Sum
Entries 7680000
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

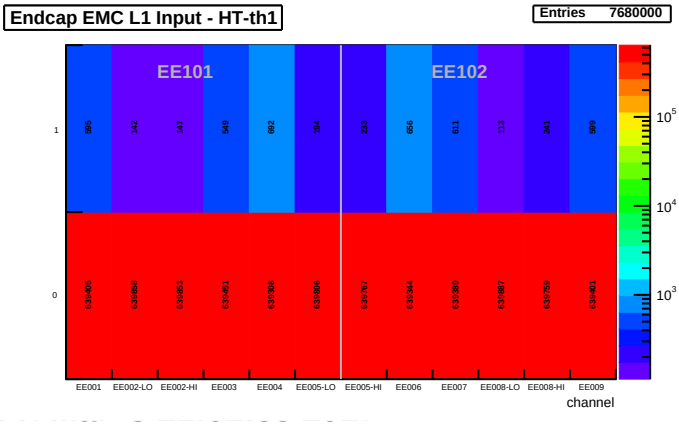

Endcap EMC L1 Input - Low Eta Sum
Entries 119876
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

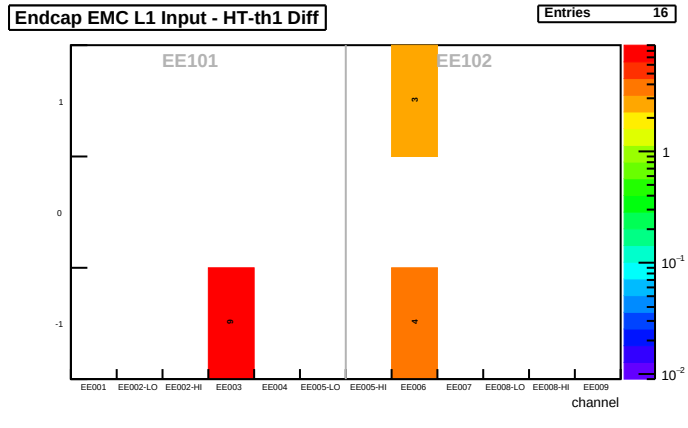

Endcap EMC L1 Input - High Eta Sum
Entries 7680000
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

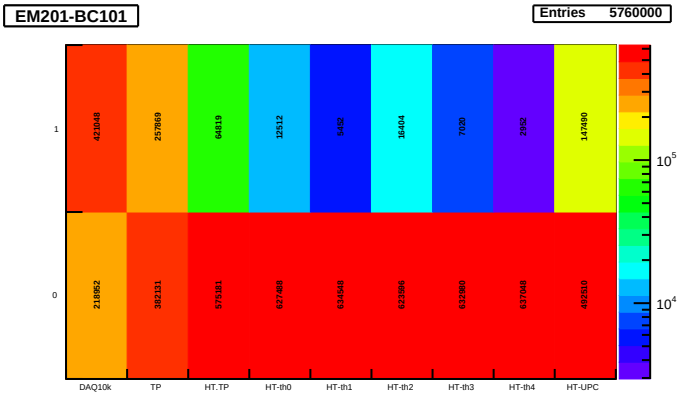

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

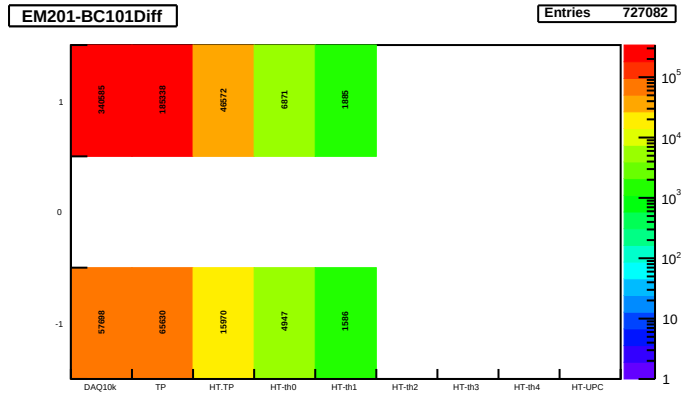

Endcap EMC L1 Input - HT-th0
Entries 7680000
EE101
EE102
1330 299 333 1192 1458 411 466 1907 1905 243 507 1950
638870 637701 638667 638808 638542 638589 638534 638693 638695 638757 638493 638550
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

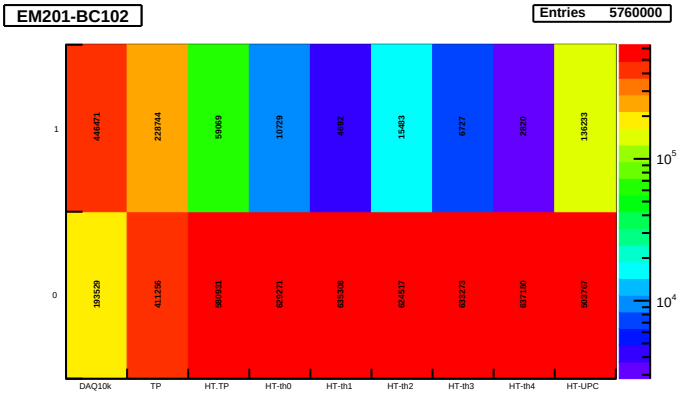

Endcap EMC L1 Input - HT-th0 Diff
Entries 33
EE101
EE102
3
1 13 16
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

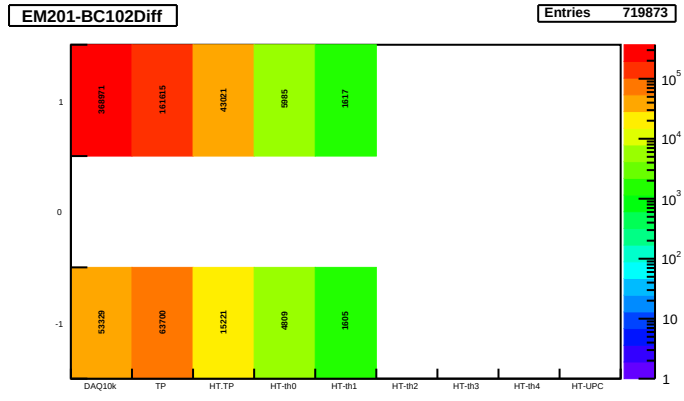

Endcap EMC L1 Input - HT-th1
Entries 7680000
EE101
EE102
995 142 147 549 692 194 223 656 611 113 241 999
639405 639658 639653 639451 639308 639805 639767 639344 639389 639687 639759 639401
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

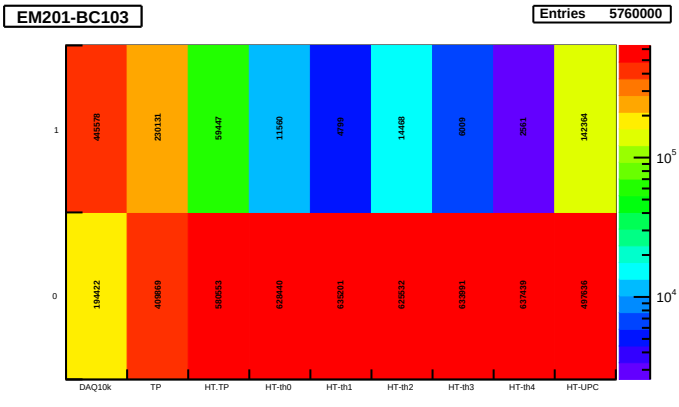

Endcap EMC L1 Input - HT-th1 Diff
Entries 16
EE101
EE102
3
9 4
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

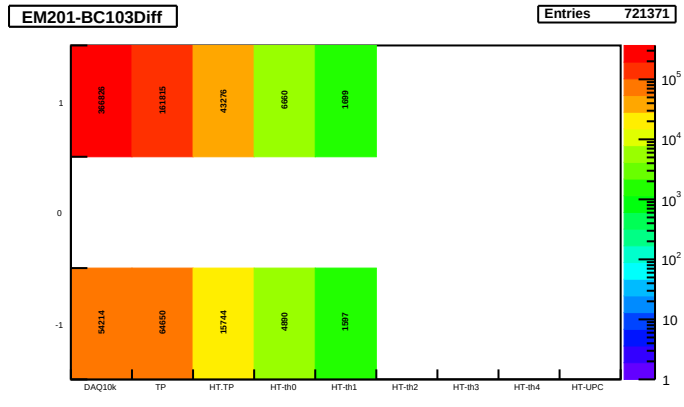

EM201-BC101
Entries 5760000
1
0
421048
257869
64819
12512
5432
16404
7020
2952
147490
218652
382131
575181
627488
634548
623596
632980
637048
492510
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

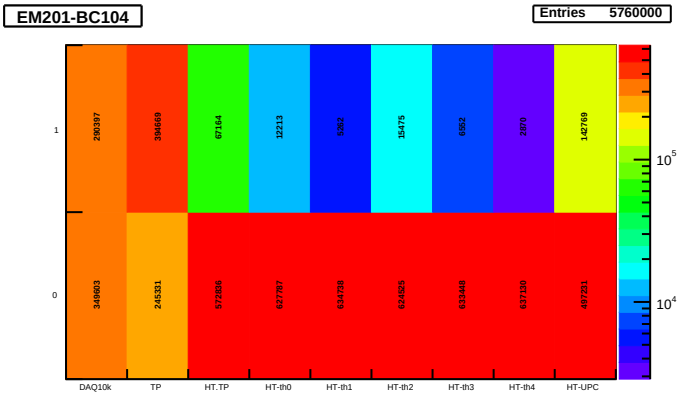

EM201-BC101Diff
Entries 727082
1
0
-1
340585
165338
46572
6871
1885
57698
65630
15970
4947
1586
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

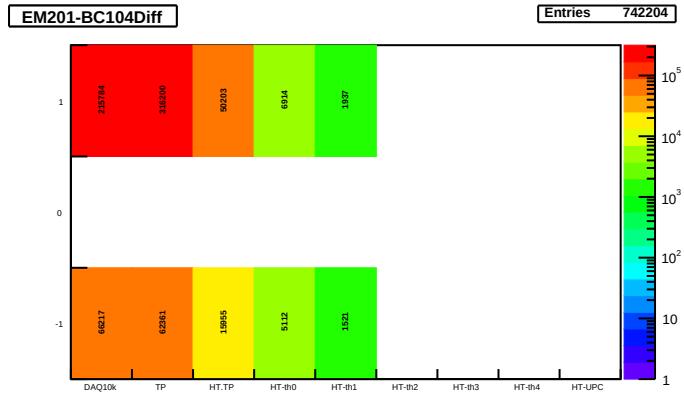

EM201-BC102
Entries 5760000
1
0
446471
228744
59969
10729
4692
15483
6727
2820
136233
193529
411256
590931
629271
635308
624537
633273
637180
502767
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 719873
1
0
-1
363971
161615
43021
9985
1617
53329
63700
15221
4809
1605
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

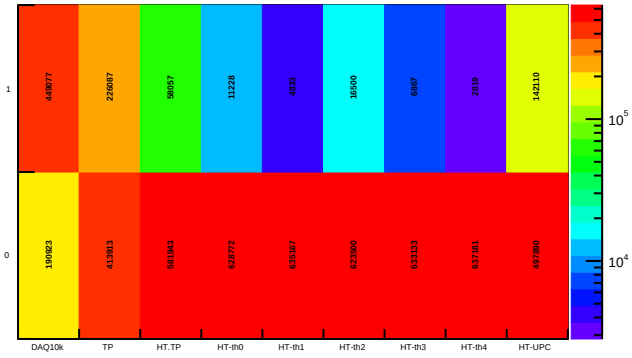

EM201-BC103
Entries 5760000
1
0
445578
230131
59447
11560
4799
14468
6009
2561
142364
194422
409869
589553
628440
635201
626532
633991
637439
497836
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 721371
1
0
-1
366625
161835
43276
6660
1699
54214
64650
15744
4980
1597
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

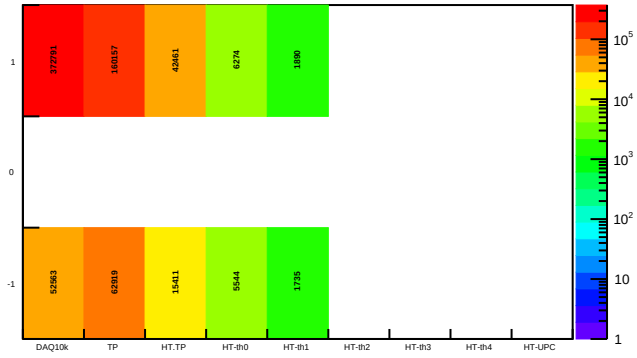

EM201-BC104
Entries 5760000
1
0
290397
394669
67164
12213
5282
15475
6552
2870
142769
349603
245531
572836
627787
634738
624525
633448
637130
497231
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 742204
1
0
-1
215794
316200
92203
6914
1937
66217
62361
18955
5112
1521
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

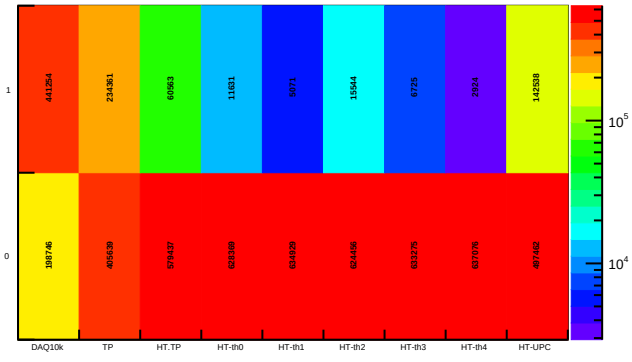
EM201-BC105 Entries 5760000



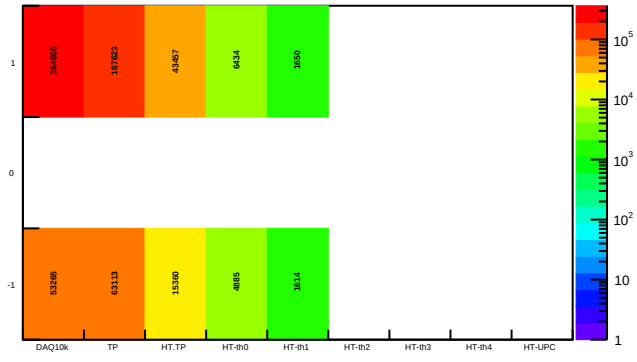
EM201-BC105Diff Entries 721745



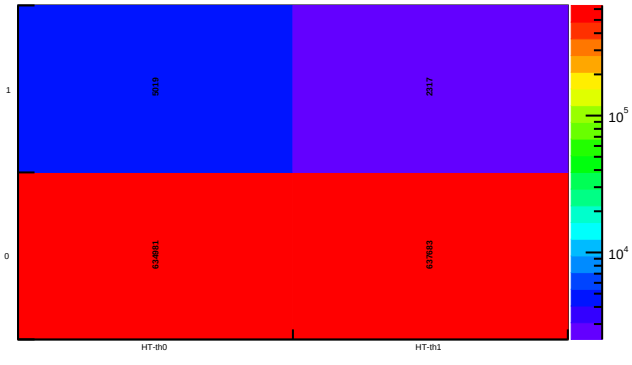
EM201-BC106 Entries 5760000



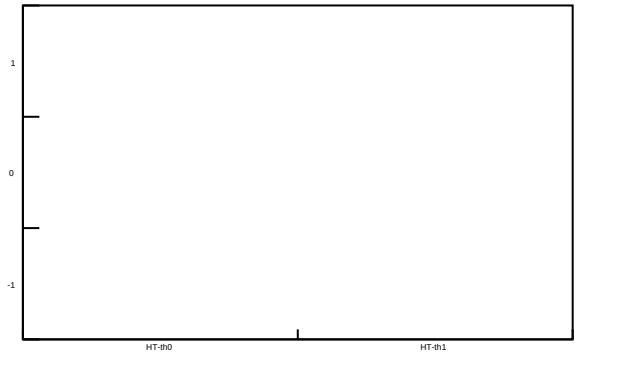
EM201-BC106Diff Entries 722069



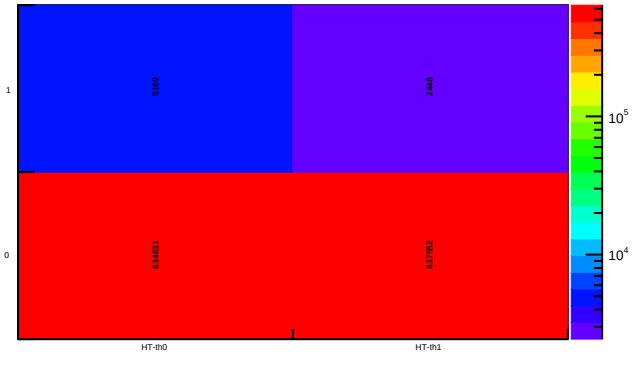
EM201-EE101 Entries 1280000



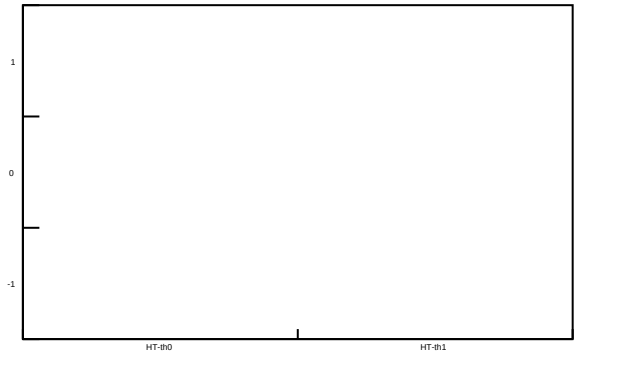
EM201-EE101Diff Entries 0

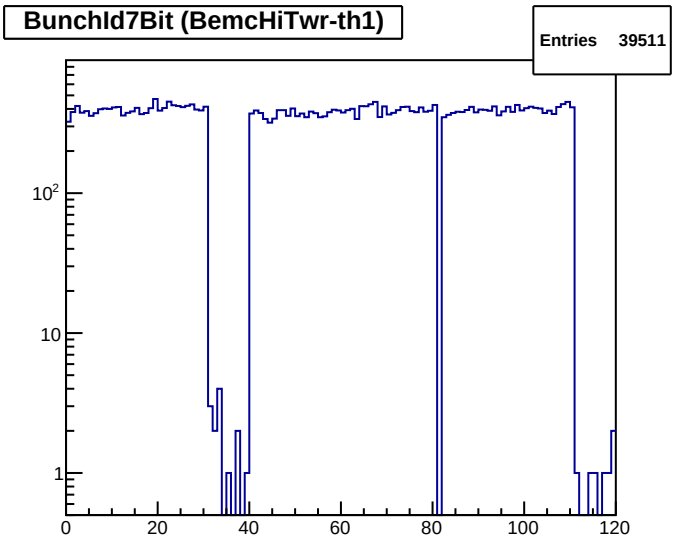


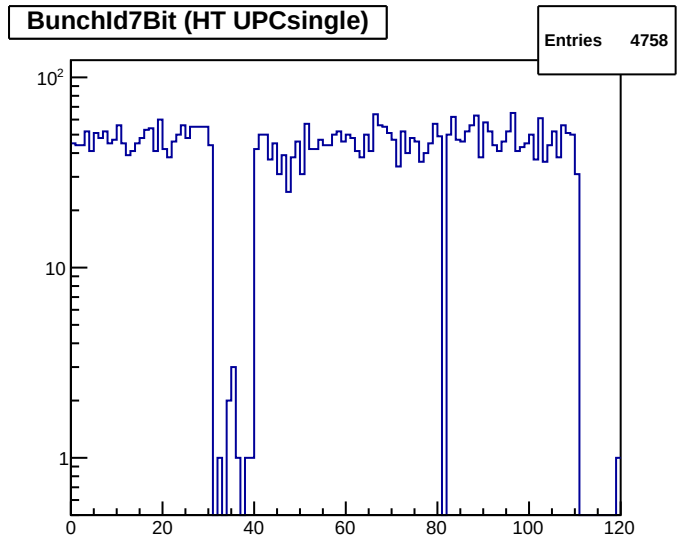
EM201-EE102 Entries 1280000

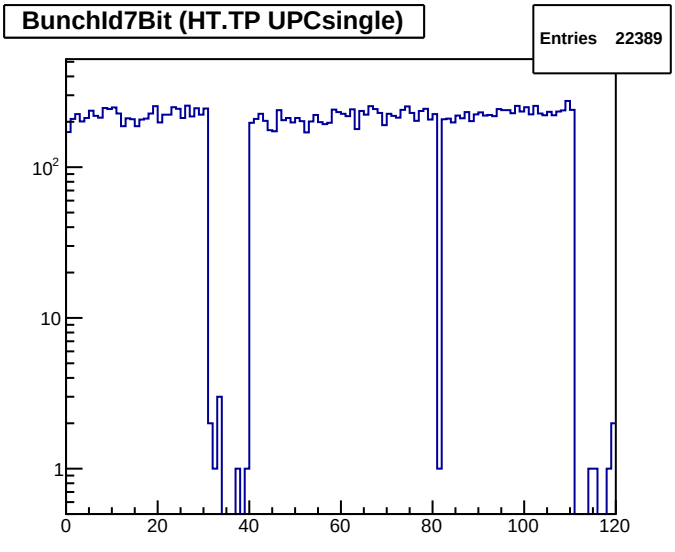


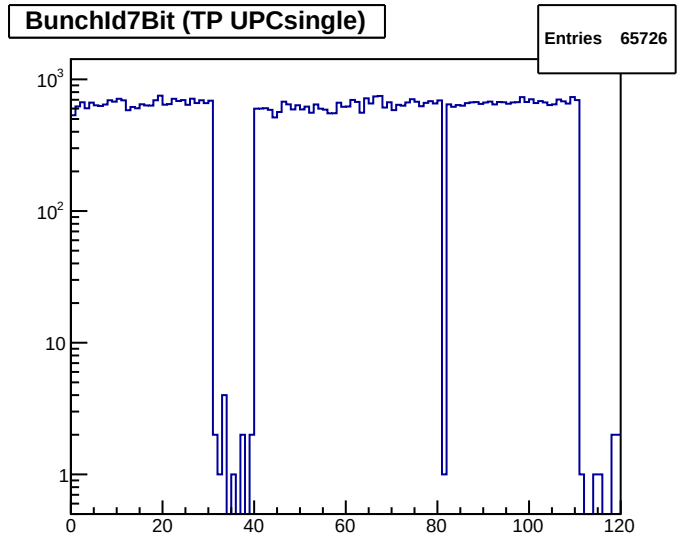
EM201-EE102Diff Entries 0

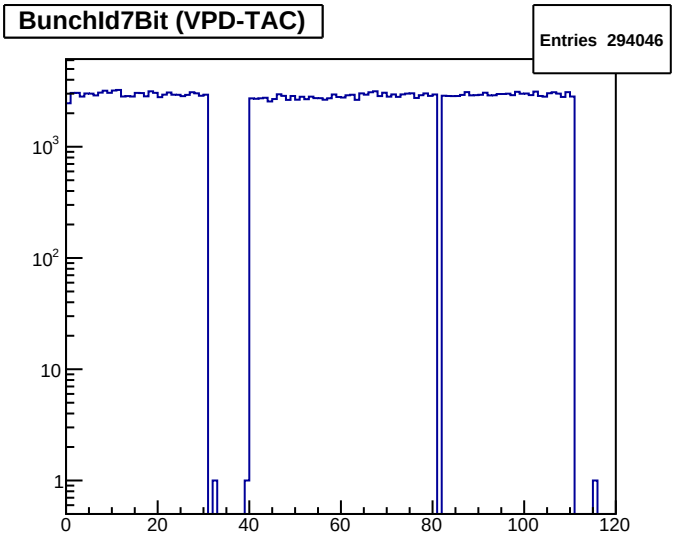


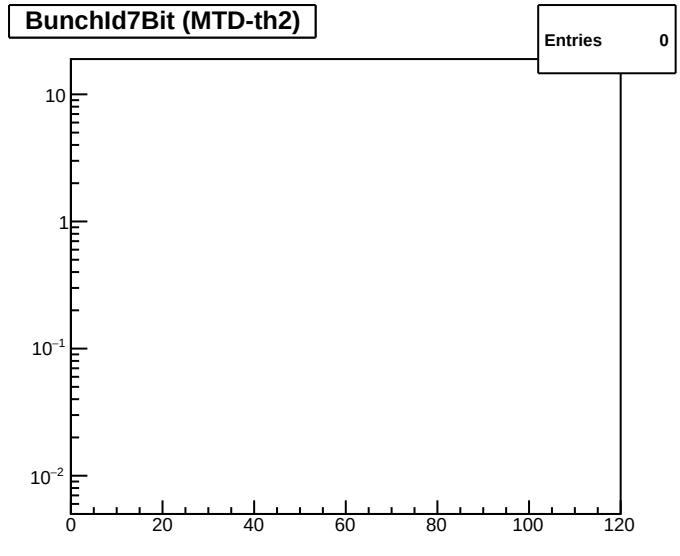

BunchId7Bit (BemcHiTwr-th1)
Entries 39511

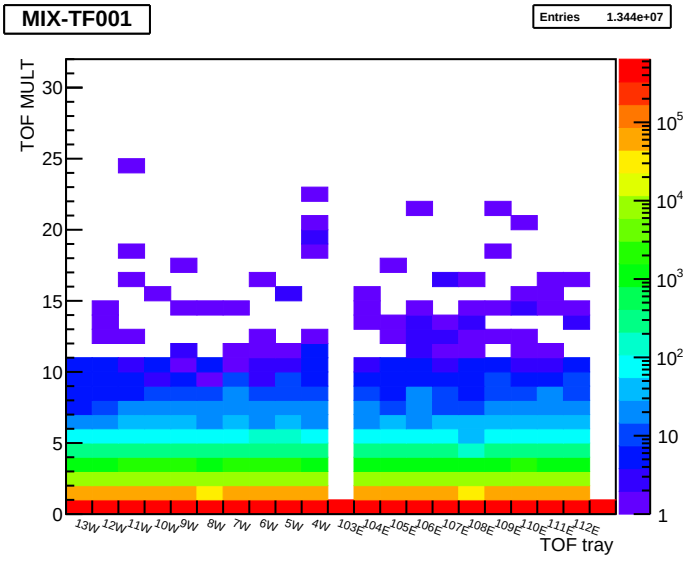

BunchId7Bit (HT UPCsingle)
Entries 4758

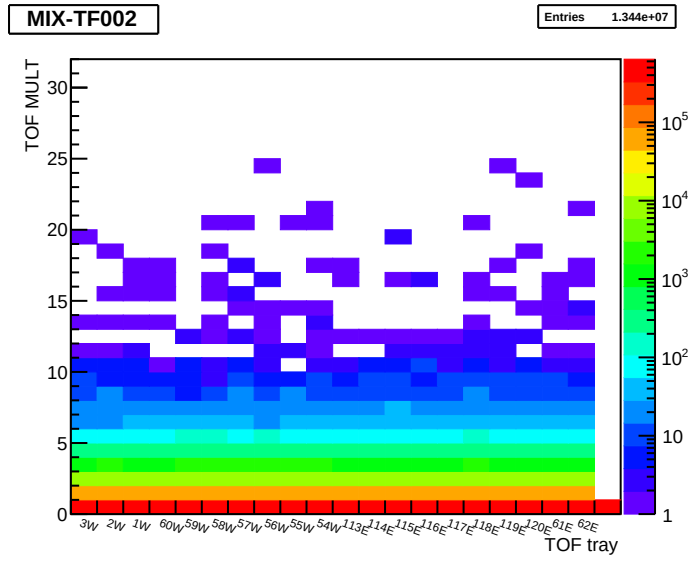

BunchId7Bit (HT.TP UPCsingle)
Entries 22389

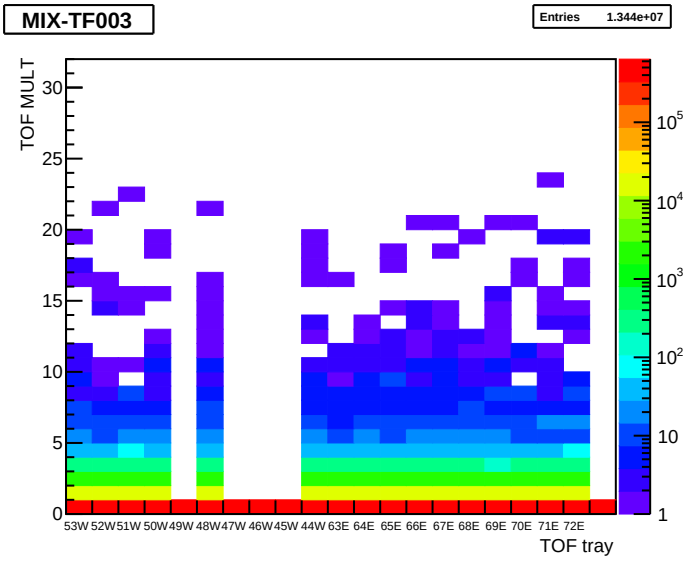

BunchId7Bit (TP UPCsingle)
Entries 65726

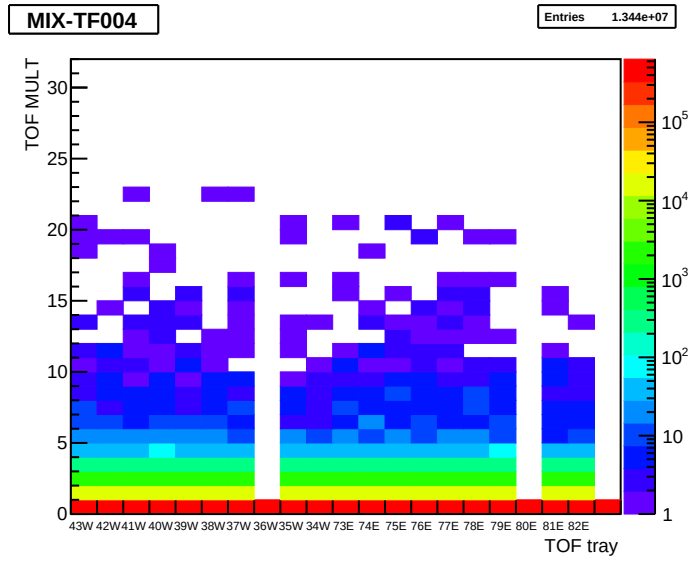

BunchId7Bit (VPD-TAC)
Entries 294046

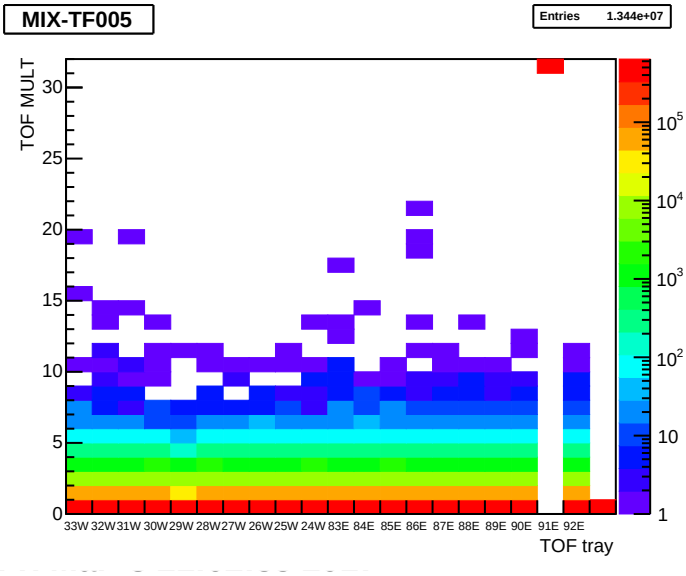

BunchId7Bit (MTD-th2)
Entries 0

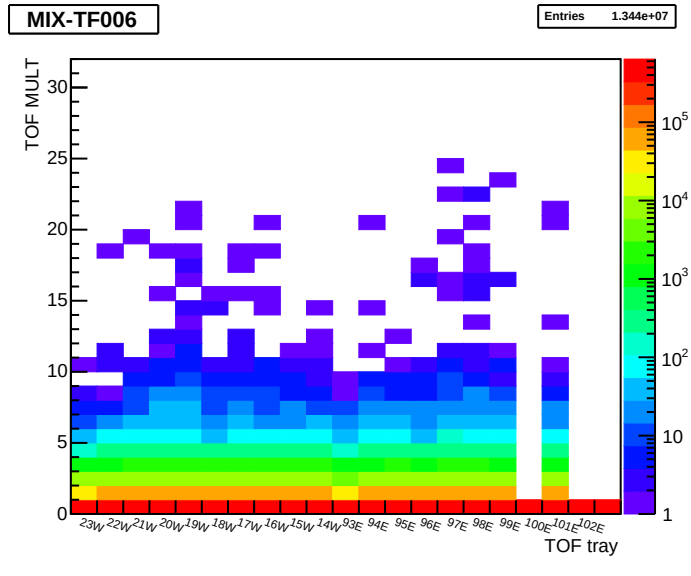

MIX-TF001
Entries 1.344e+07
TOF MULT
TOF tray

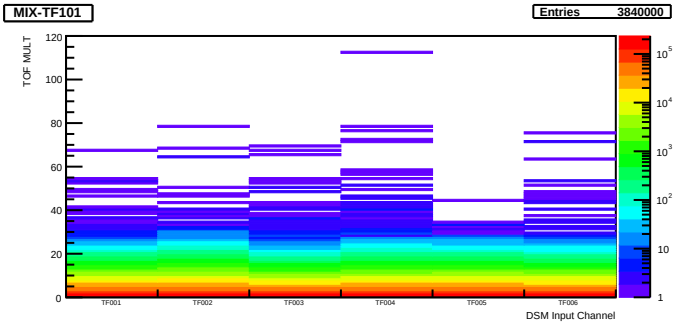

MIX-TF002
Entries 1.344e+07
TOF MULT
TOF tray

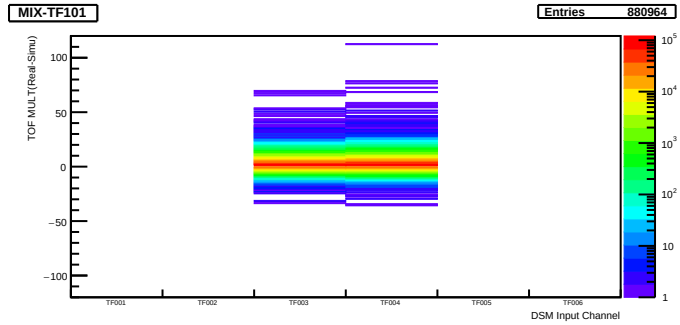

MIX-TF003
Entries 1.344e+07
TOF MULT
TOF tray

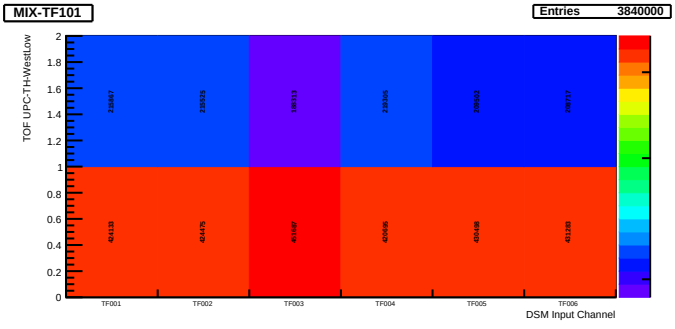

MIX-TF004
Entries 1.344e+07
TOF MULT
TOF tray

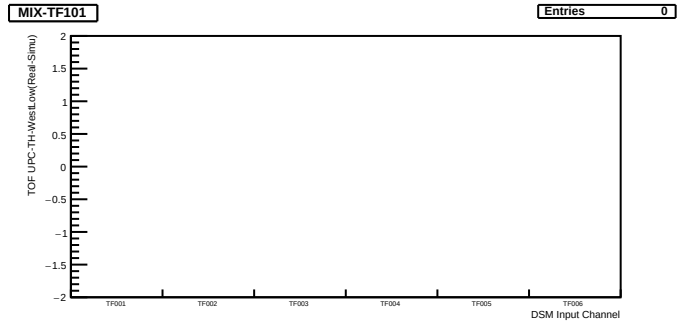

MIX-TF005
Entries 1.344e+07
TOF MULT
TOF tray

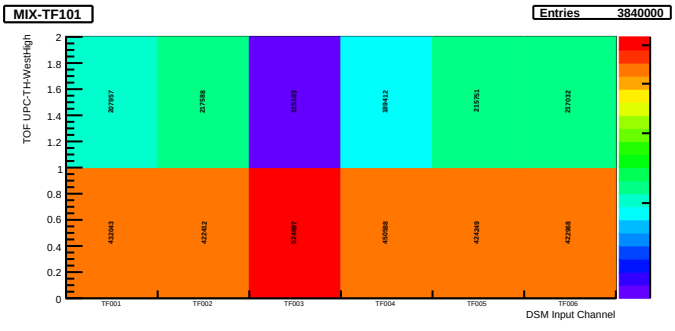

MIX-TF006
Entries 1.344e+07
TOF MULT
TOF tray

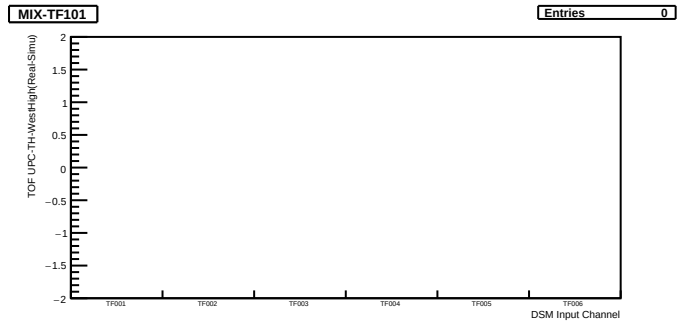

MIX-TF101
Entries 3840000
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

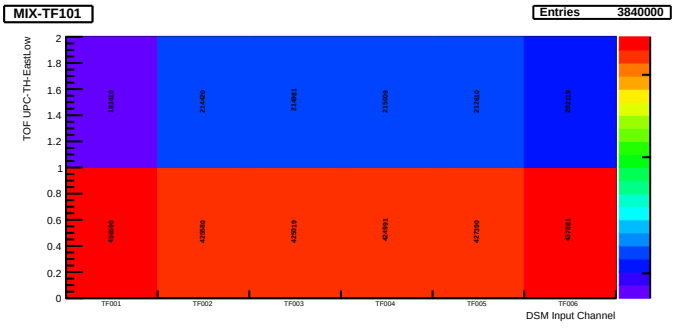

MIX-TF101
Entries 880964
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

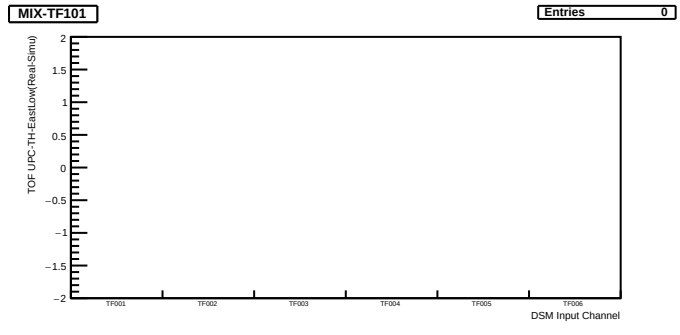

MIX-TF101
Entries 3840000
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

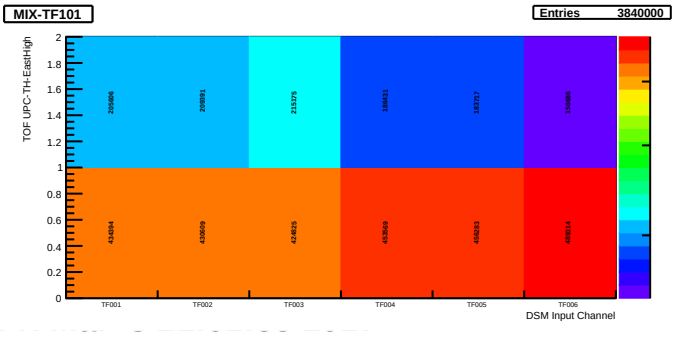

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

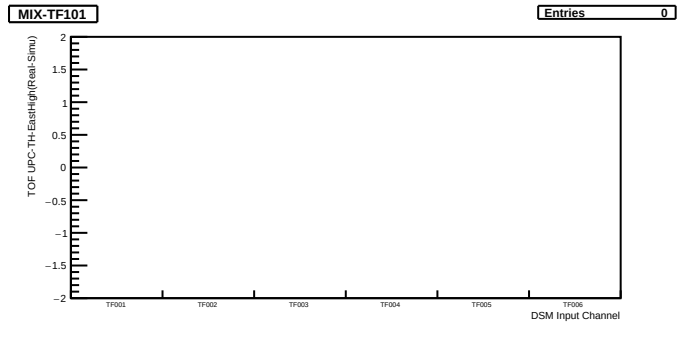

MIX-TF101
Entries 3840000
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

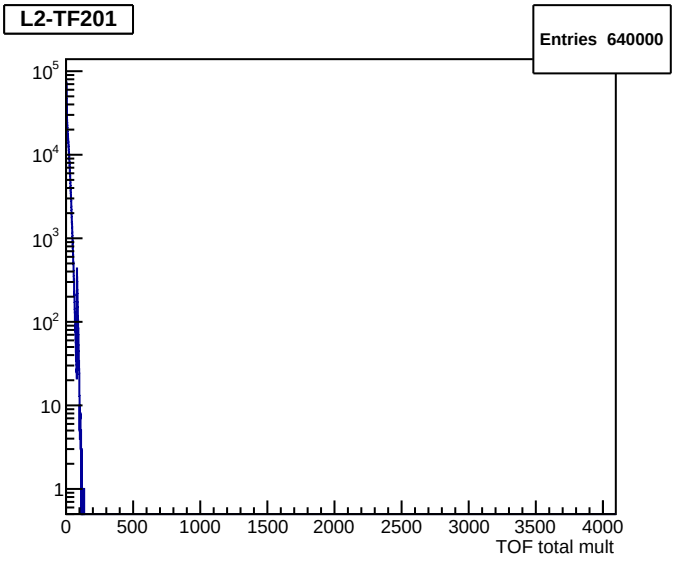

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

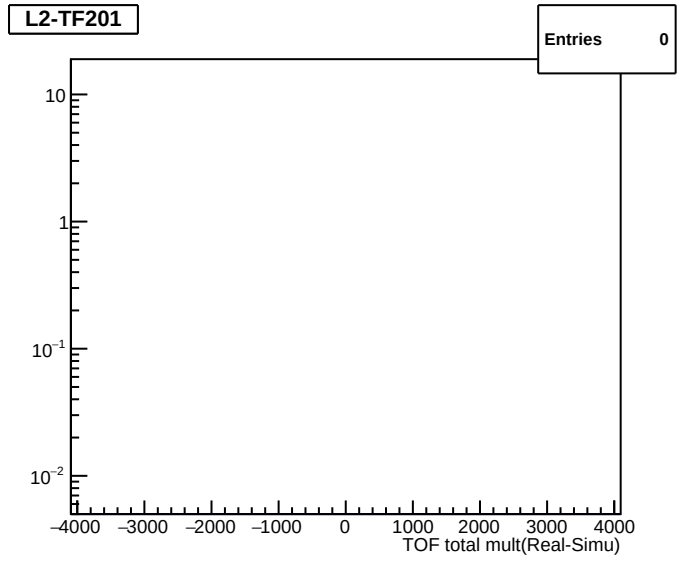

MIX-TF101
Entries 3840000
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

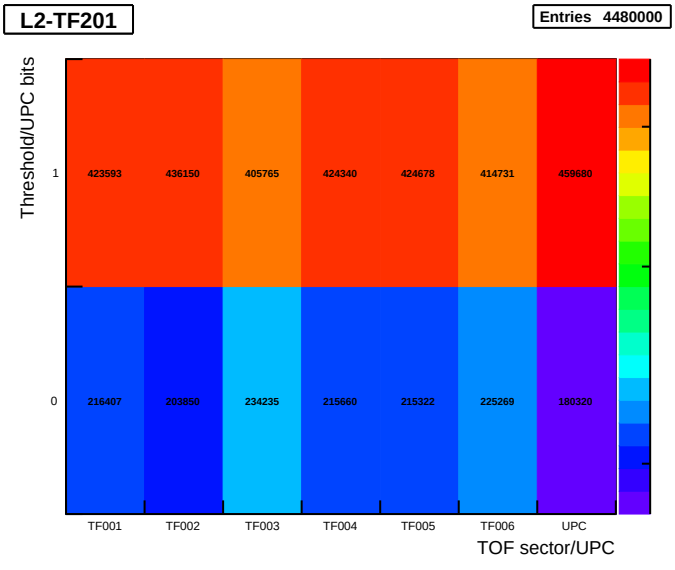

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

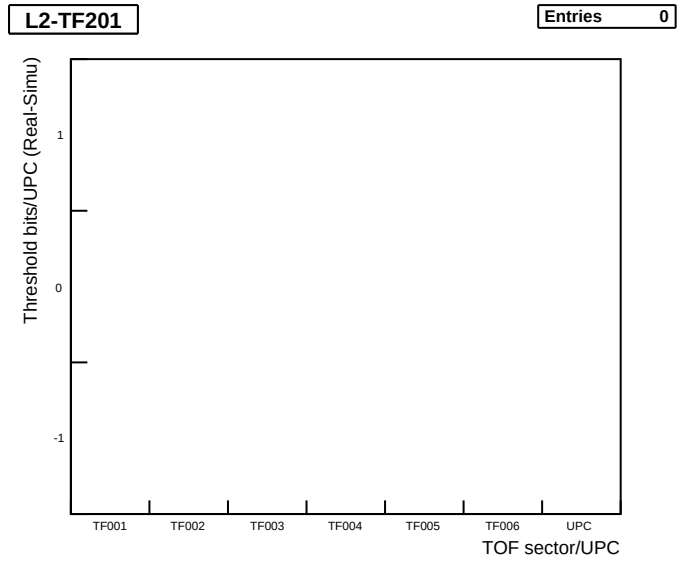

MIX-TF101
Entries 3840000
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

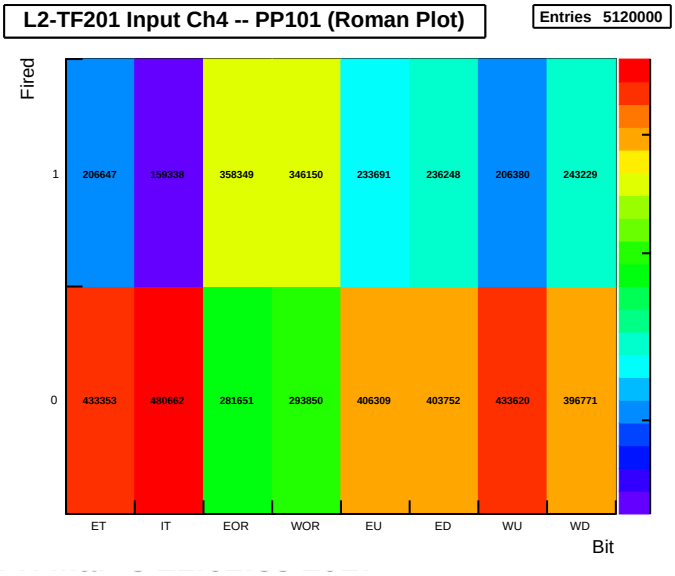

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

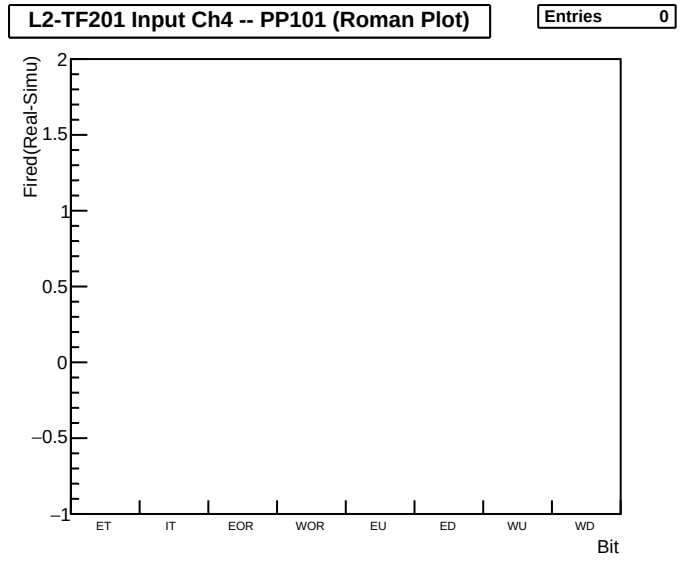

L2-TF201
Entries 640000
TOF total mult

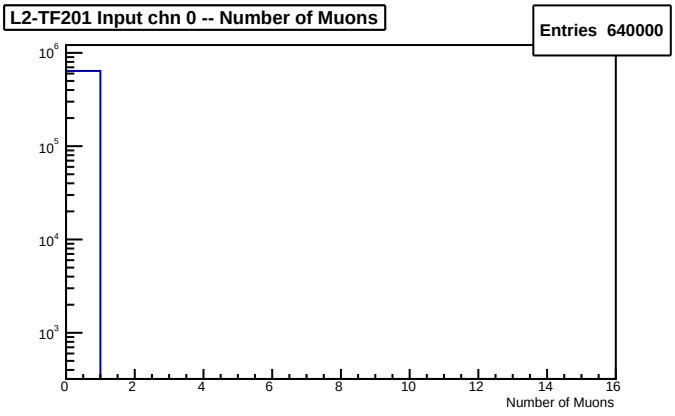

L2-TF201
Entries 0
TOF total mult(Real-Simu)

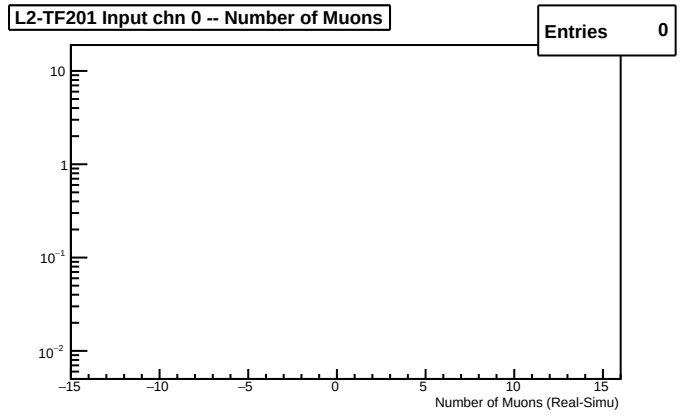

L2-TF201
Entries 4480000
Threshold/UPC bits
423593 436150 405765 424340 424678 414731 459680
216407 203850 234235 215660 215322 225269 180320
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

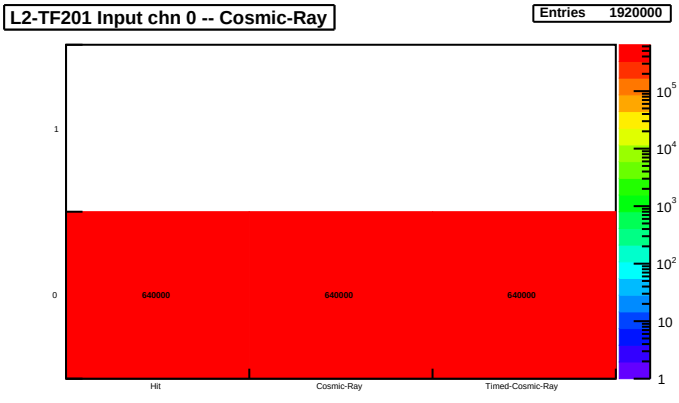

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

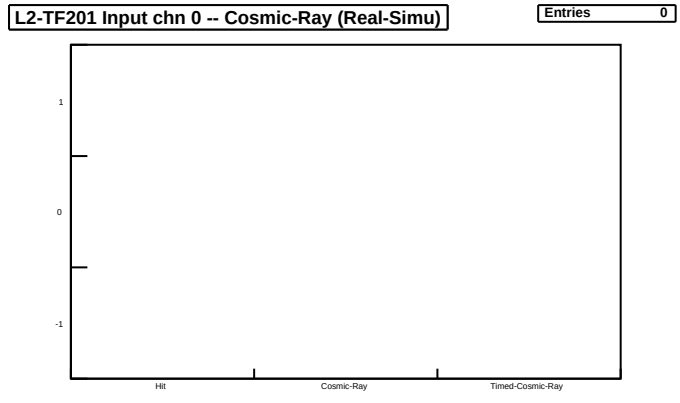

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5120000
Fired
206647 159338 358349 346150 233691 236248 206380 243229
433353 480662 281651 293850 406309 403752 433620 396771
ET IT EOR WOR EU ED WU WD
Bit

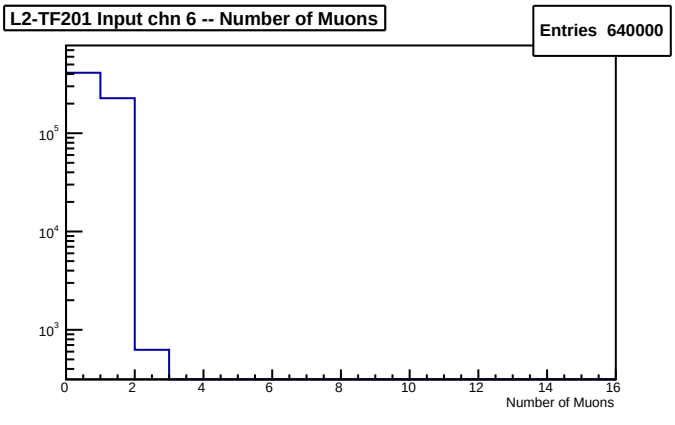

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

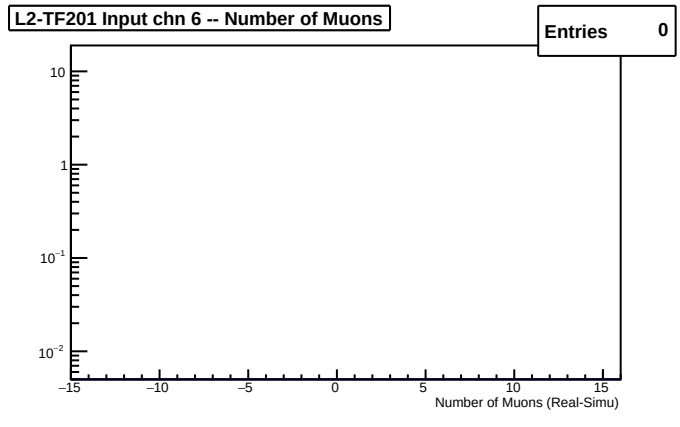

L2-TF201 Input chn 0 -- Number of Muons
Entries 640000
Number of Muons

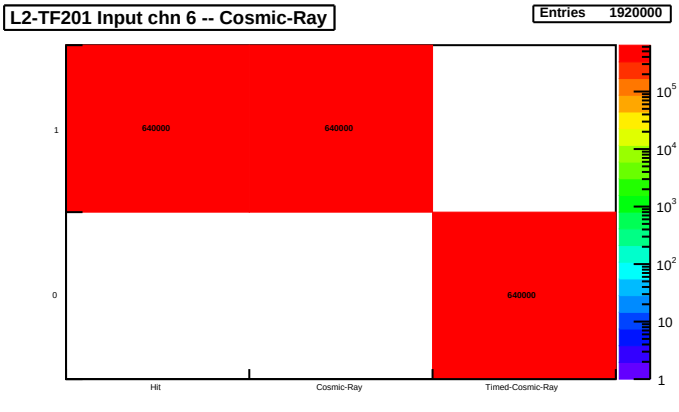

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

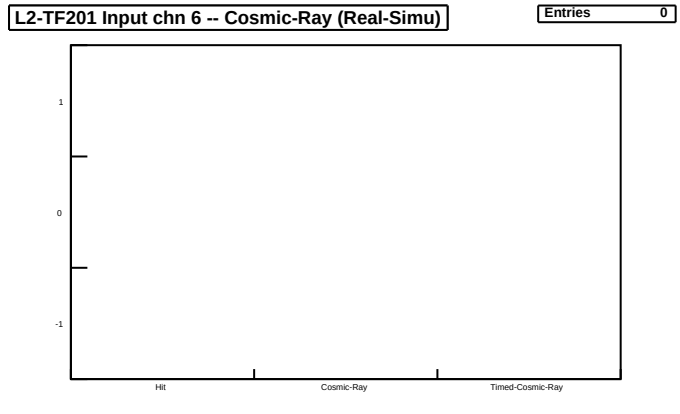

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1920000
640000
640000
640000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

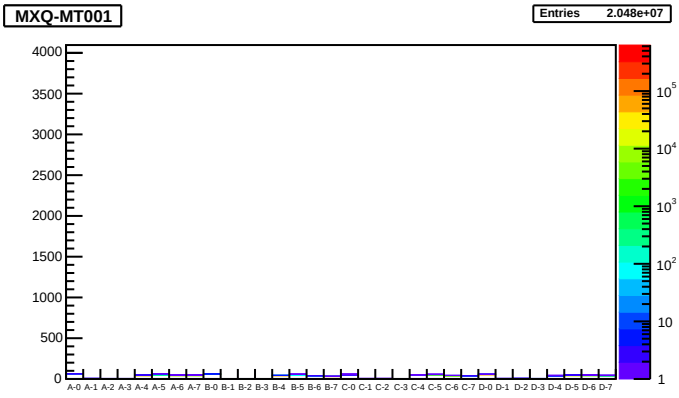

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

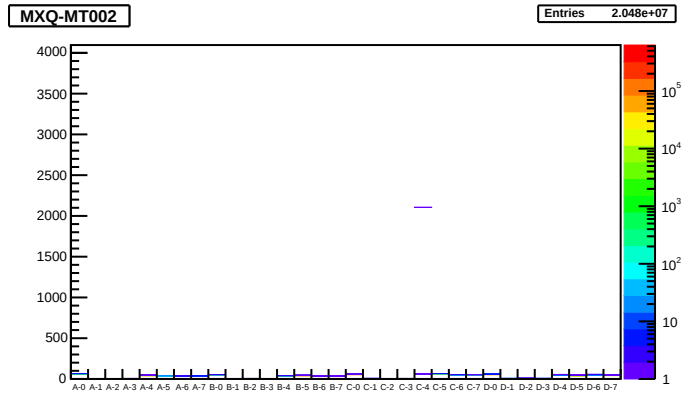

L2-TF201 Input chn 6 -- Number of Muons
Entries 640000
Number of Muons

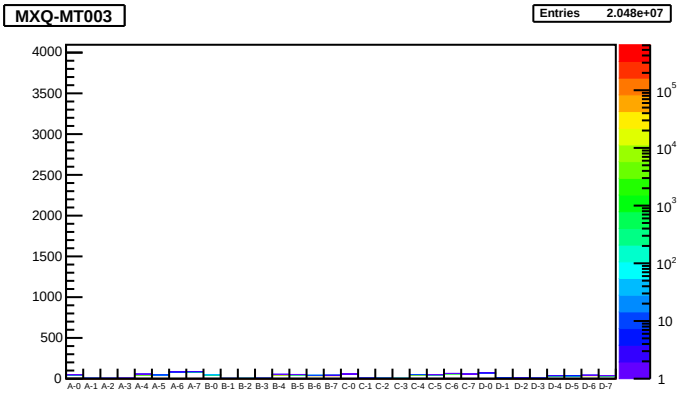

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

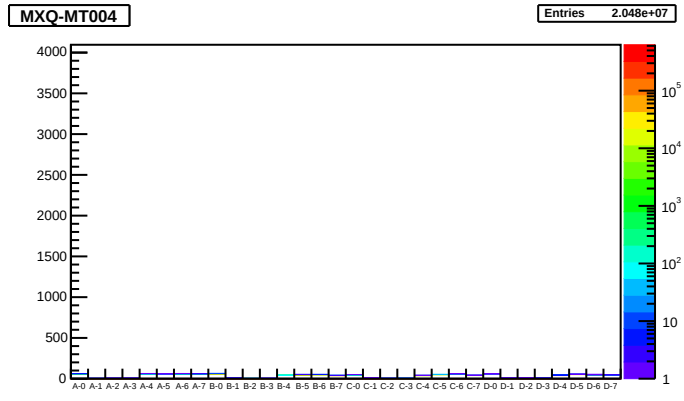

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1920000
640000
640000
640000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

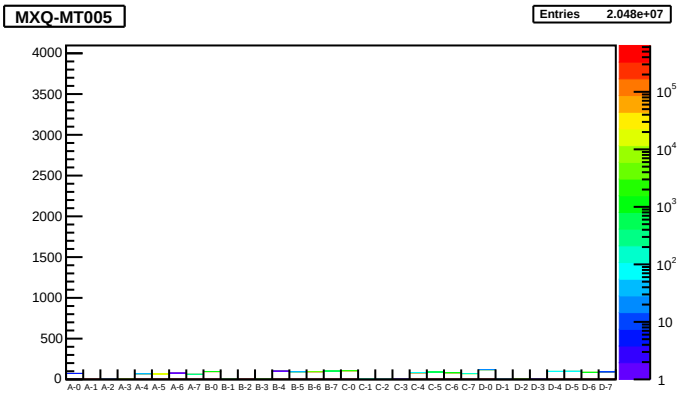

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

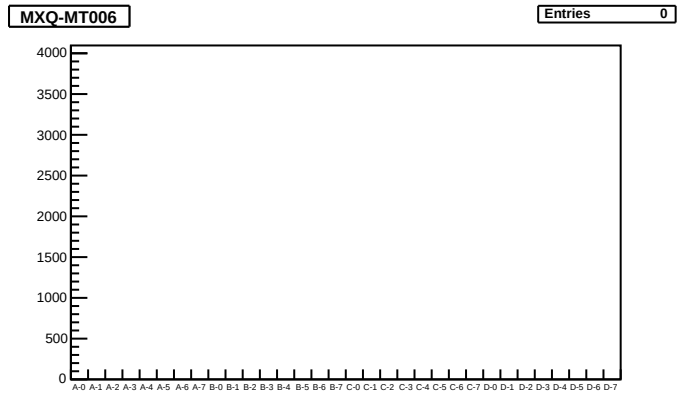

MXQ-MT001
Entries 2.048e+07

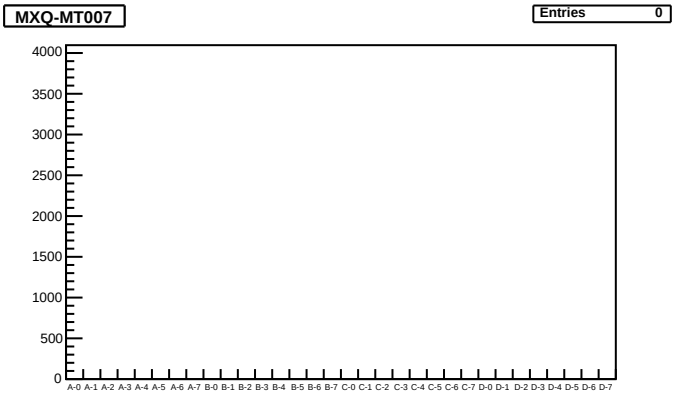

MXQ-MT002
Entries 2.048e+07

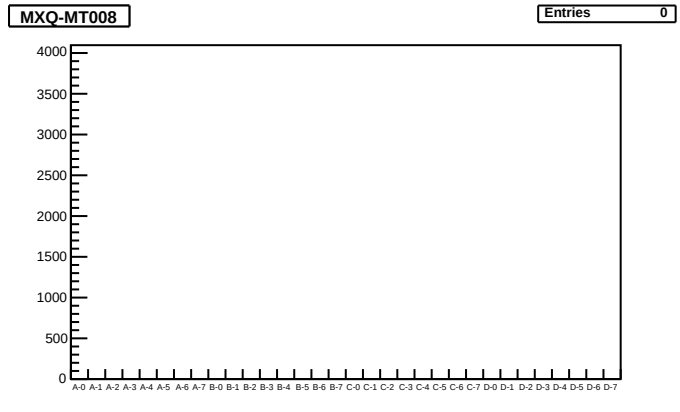

MXQ-MT003
Entries 2.048e+07

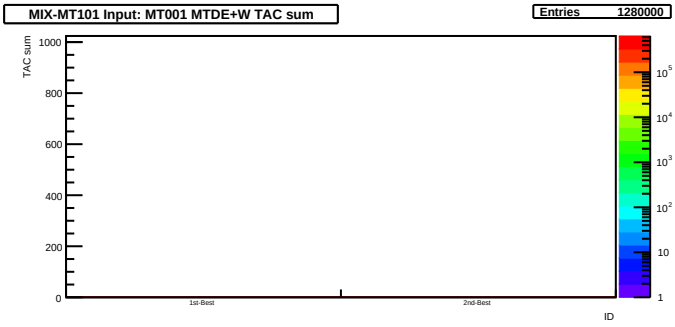

MXQ-MT004
Entries 2.048e+07

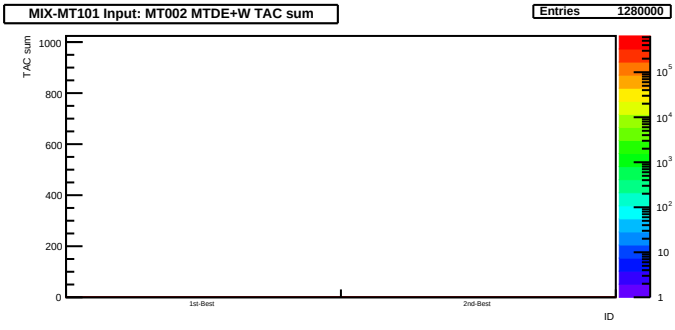

MXQ-MT005
Entries 2.048e+07

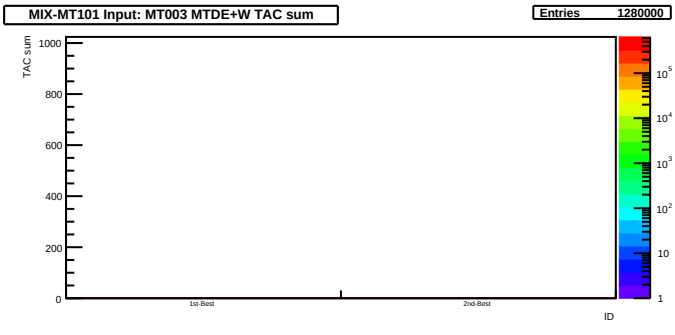

MXQ-MT006
Entries 0

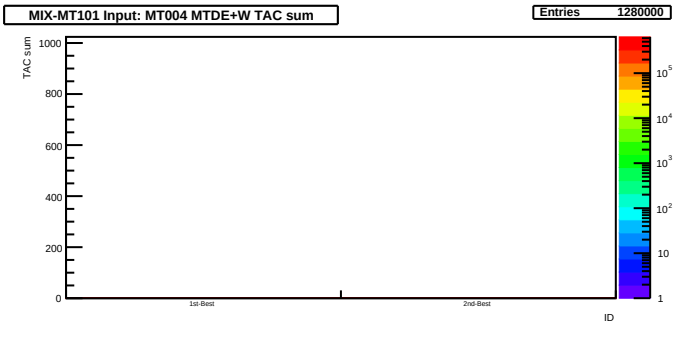

MXQ-MT007
Entries 0

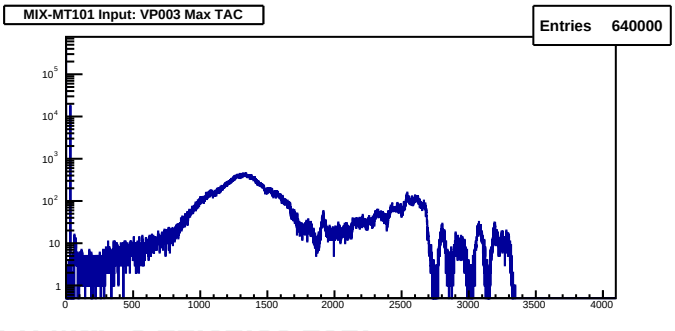

MXQ-MT008
Entries 0

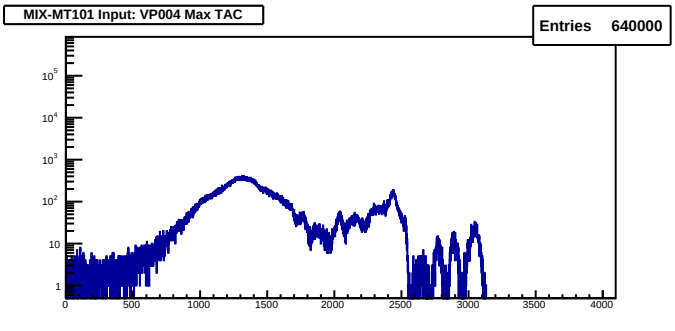

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1280000
TAC sum
1st-Best
2nd-Best
ID

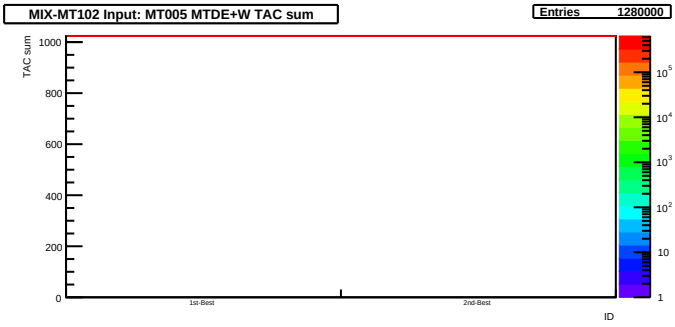

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1280000
TAC sum
1st-Best
2nd-Best
ID

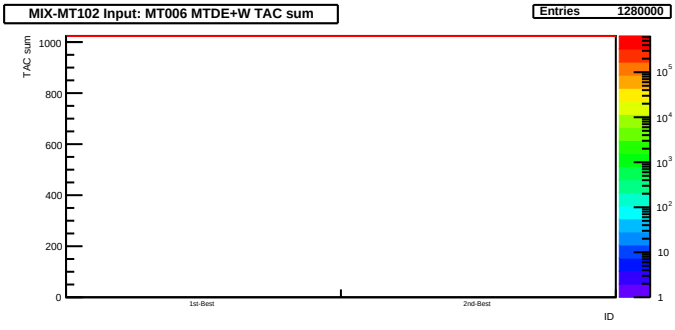

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1280000
TAC sum
1st-Best
2nd-Best
ID

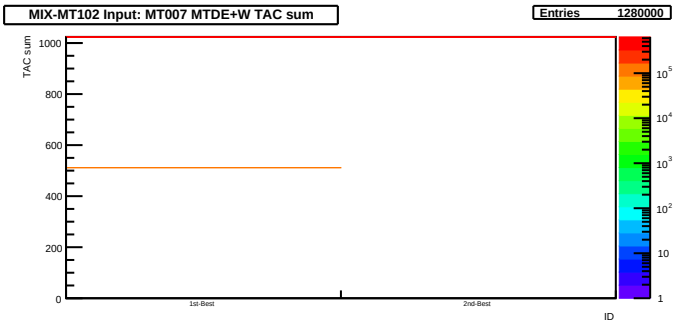

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1280000
TAC sum
1st-Best
2nd-Best
ID

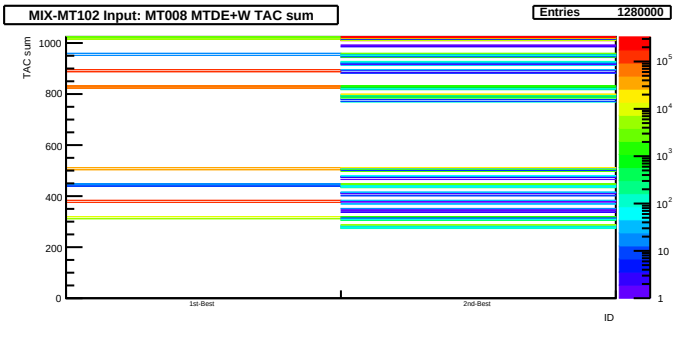

MIX-MT101 Input: VP003 Max TAC
Entries 640000

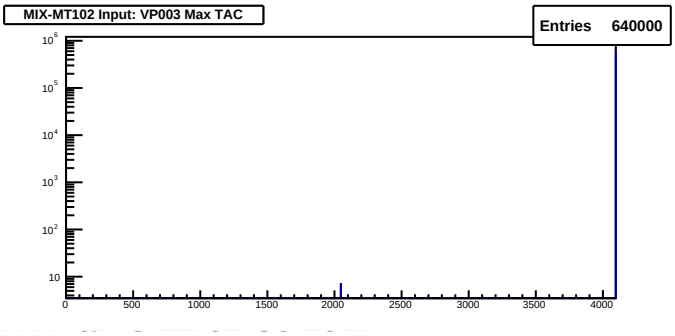

MIX-MT101 Input: VP004 Max TAC
Entries 640000

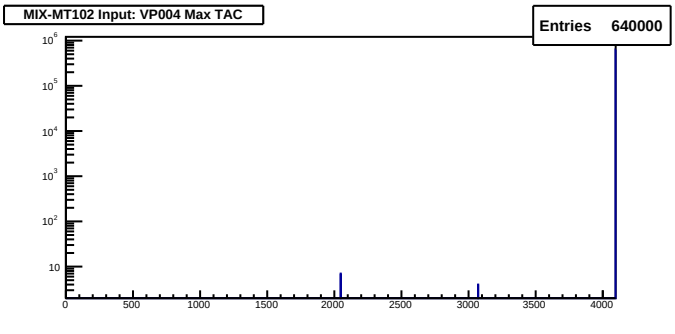

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1280000
TAC sum
1st-Best
2nd-Best
ID

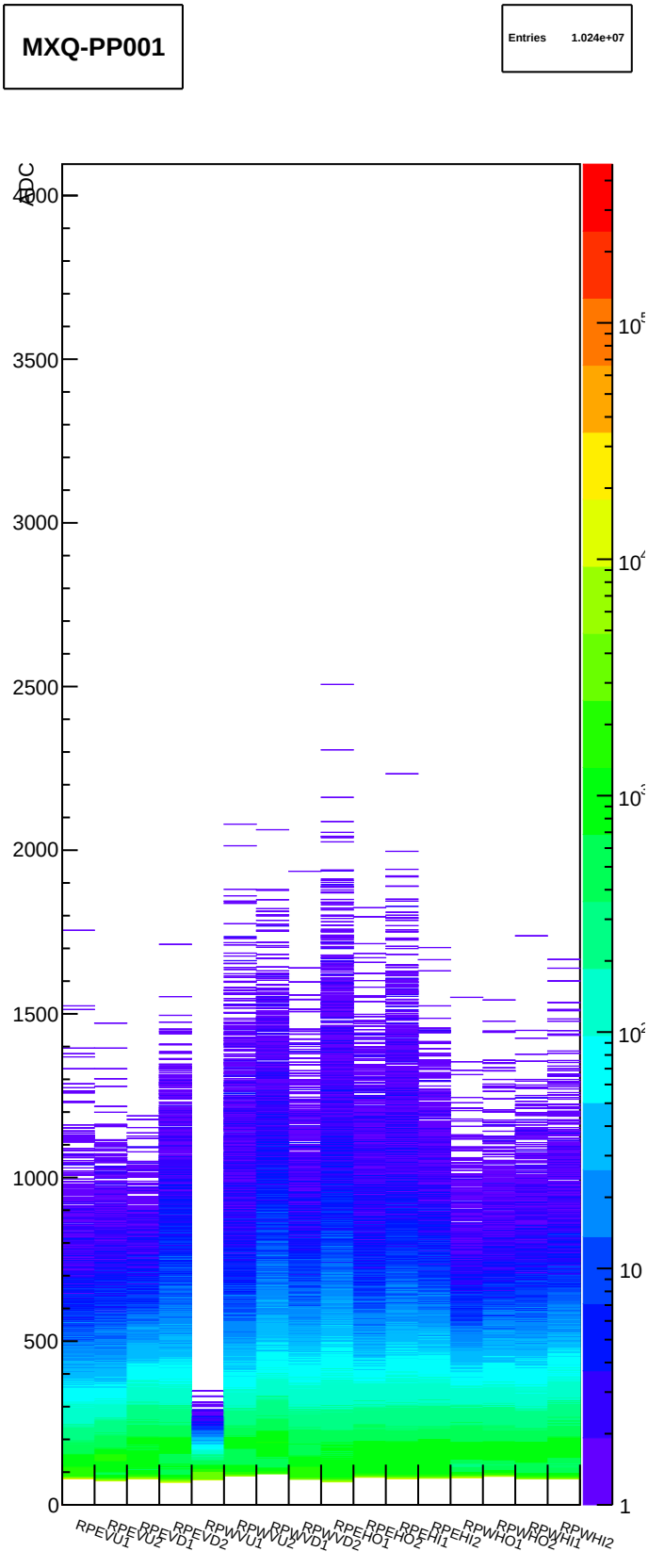

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1280000
TAC sum
1st-Best
2nd-Best
ID

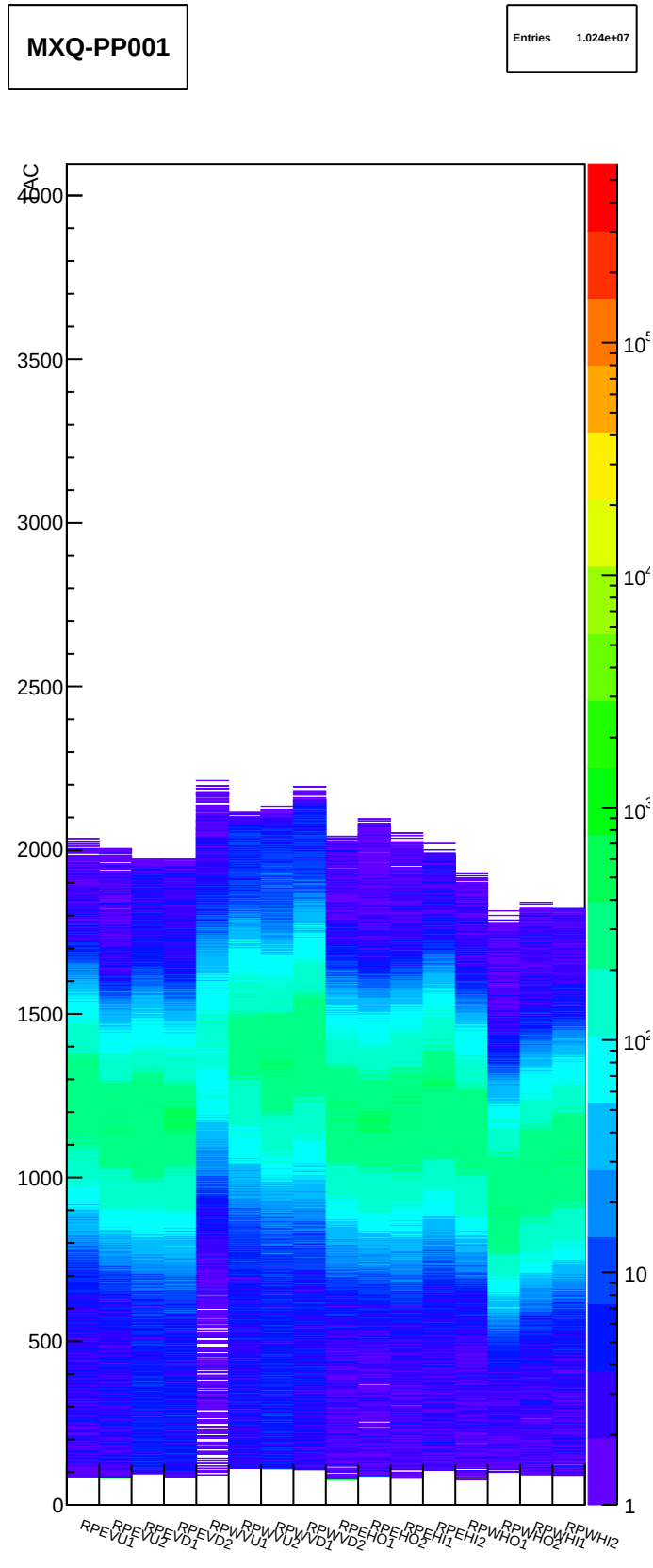

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1280000
TAC sum
1st-Best
2nd-Best
ID

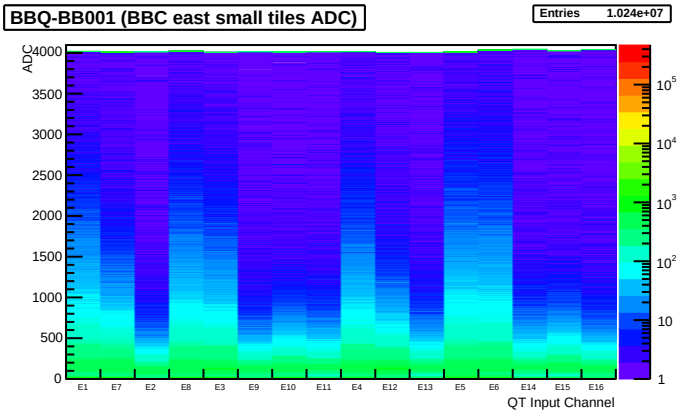

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1280000
TAC sum
1st-Best
2nd-Best
ID

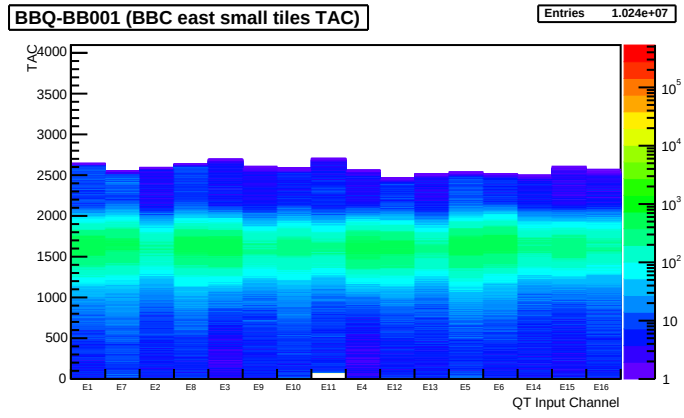

MIX-MT102 Input: VP003 Max TAC
Entries 640000

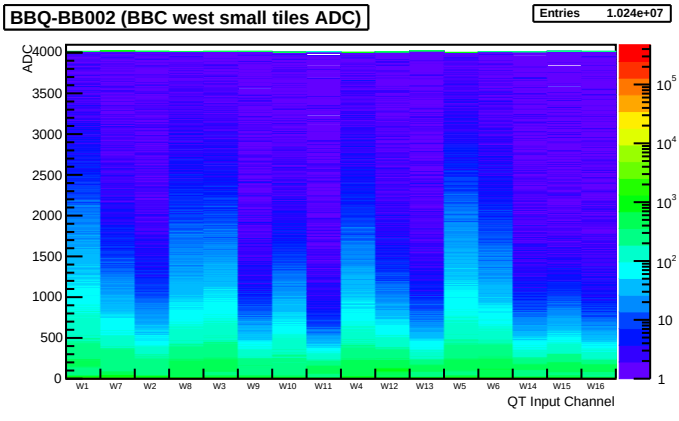

MIX-MT102 Input: VP004 Max TAC
Entries 640000

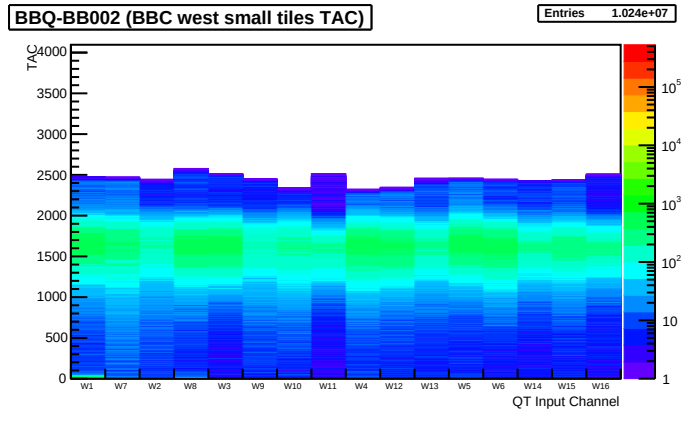

MXQ-PP001
Entries 1.024e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

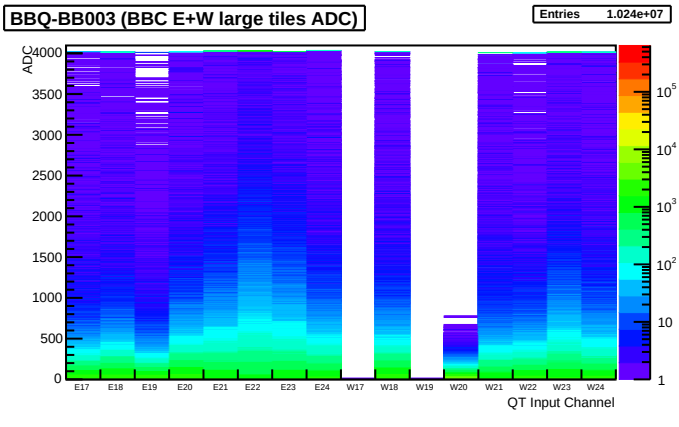

MXQ-PP001
Entries 1.024e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

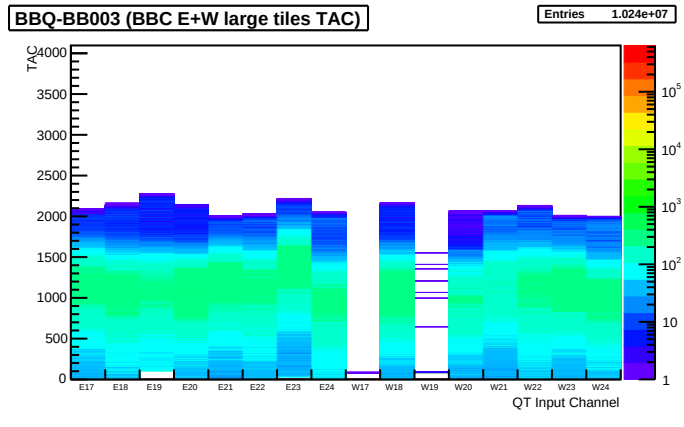

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.024e+07
ADC
QT Input Channel

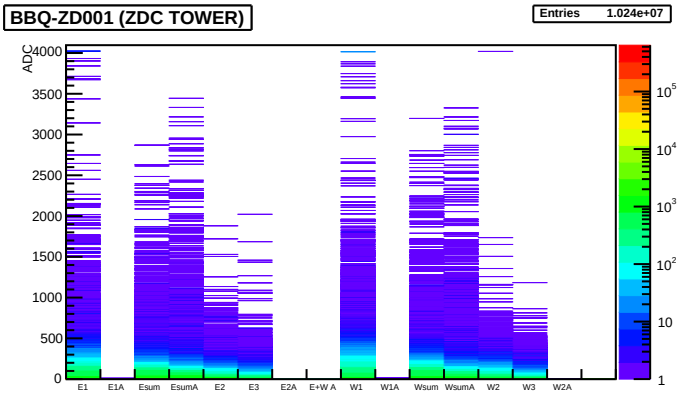

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.024e+07
TAC
QT Input Channel

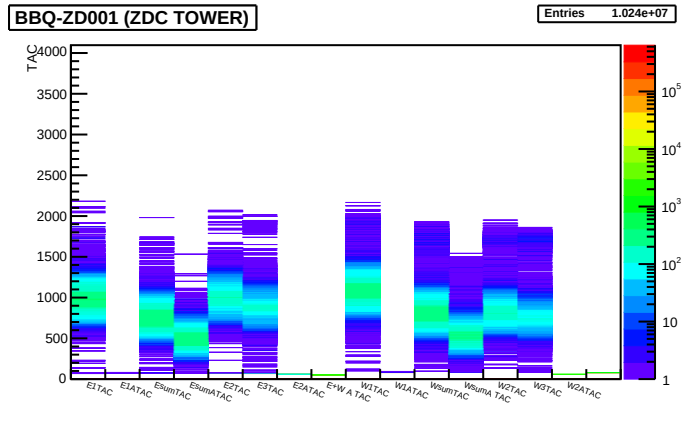

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.024e+07
ADC
QT Input Channel

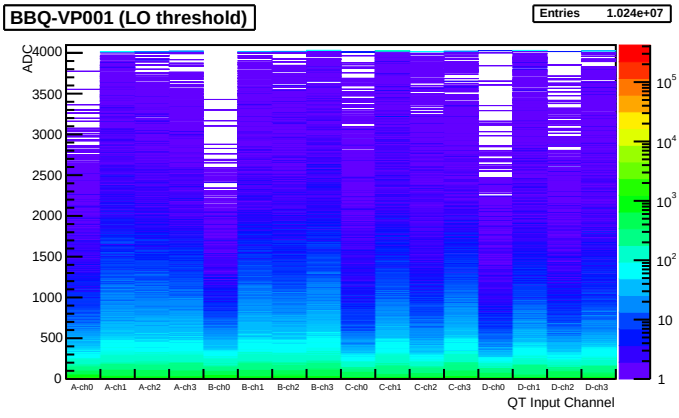

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.024e+07
TAC
QT Input Channel

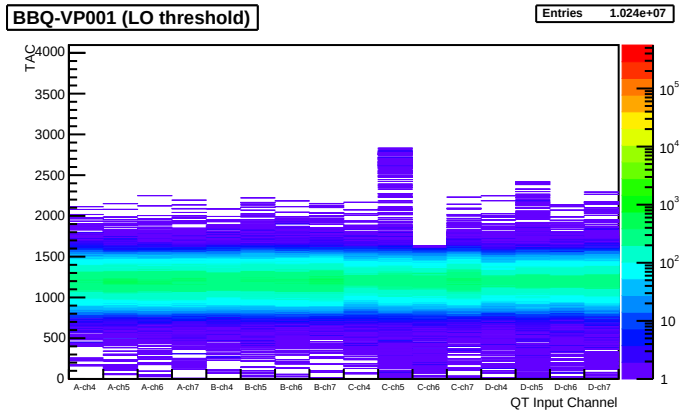

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.024e+07
ADC
QT Input Channel

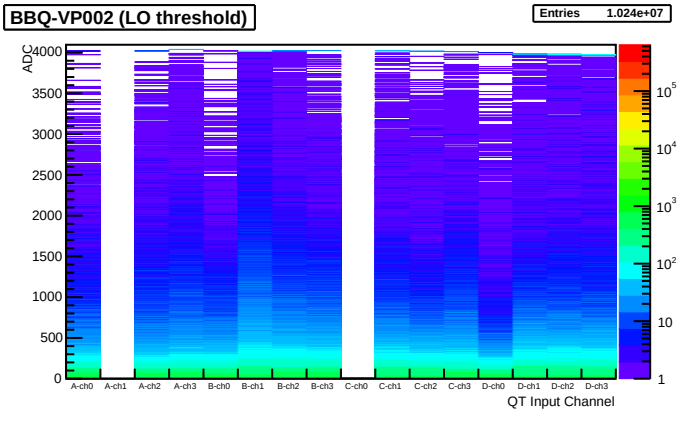

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.024e+07
TAC
QT Input Channel

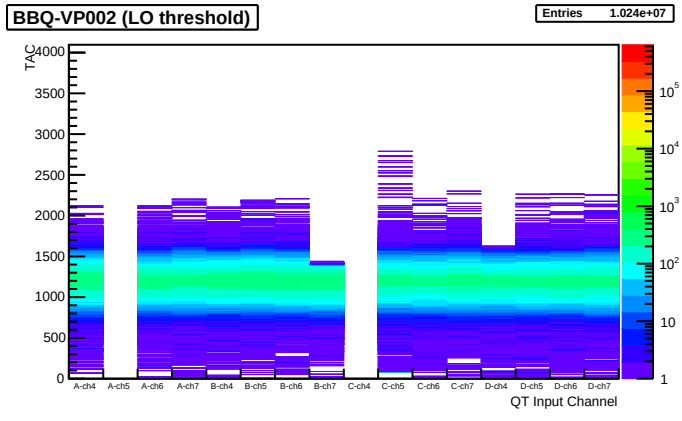

BBQ-ZD001 (ZDC TOWER)
Entries 1.024e+07
ADC

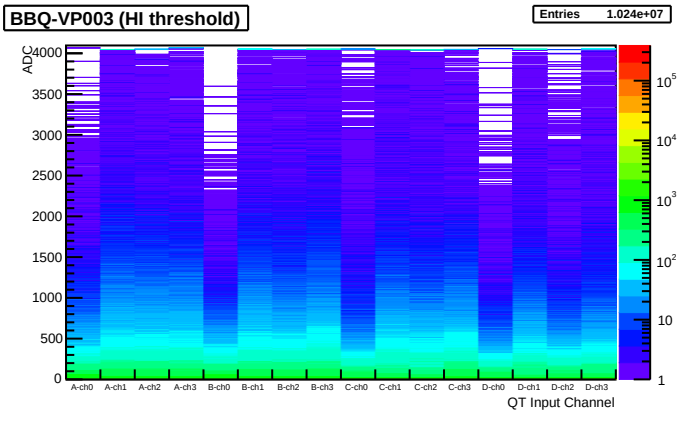

BBQ-ZD001 (ZDC TOWER)
Entries 1.024e+07
TAC

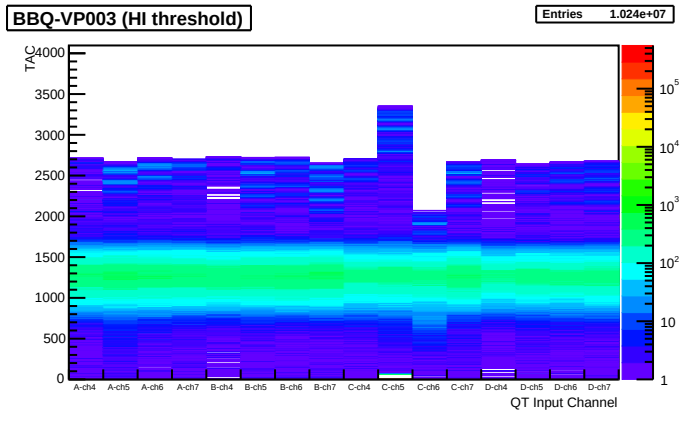

BBQ-VP001 (LO threshold)
Entries 1.024e+07
ADC
QT Input Channel

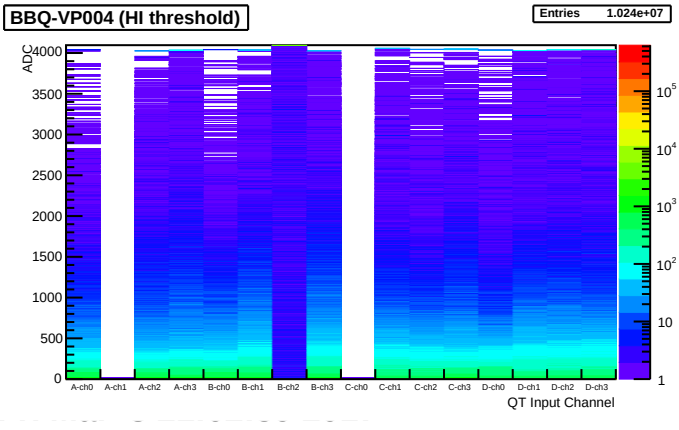

BBQ-VP001 (LO threshold)
Entries 1.024e+07
TAC
QT Input Channel

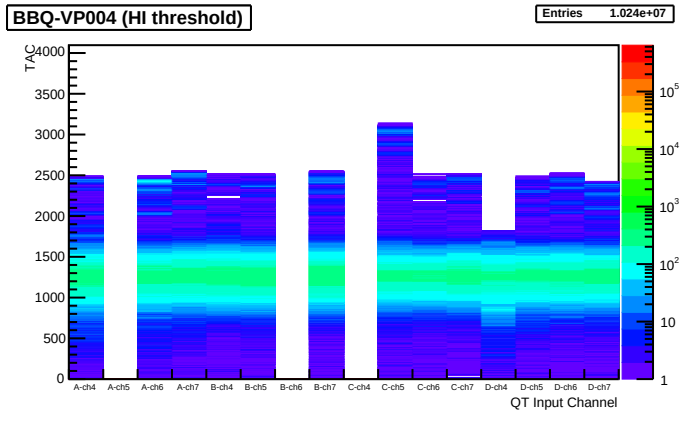

BBQ-VP002 (LO threshold)
Entries 1.024e+07
ADC
QT Input Channel

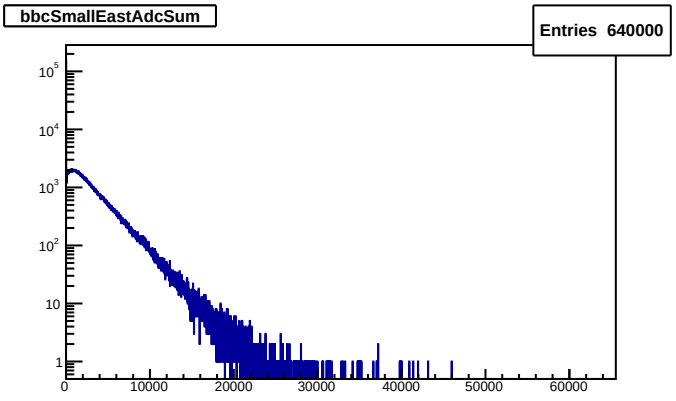

BBQ-VP002 (LO threshold)
Entries 1.024e+07
TAC
QT Input Channel

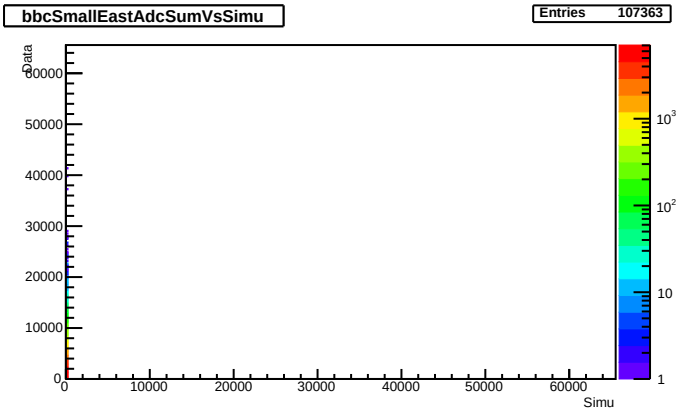

BBQ-VP003 (HI threshold)
Entries 1.024e+07
ADC
QT Input Channel

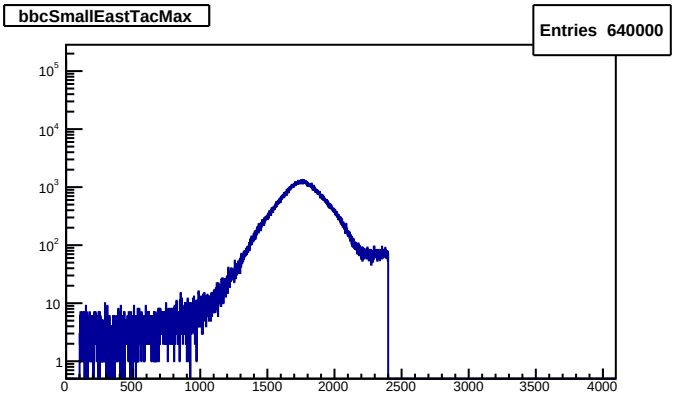

BBQ-VP003 (HI threshold)
Entries 1.024e+07
TAC
QT Input Channel

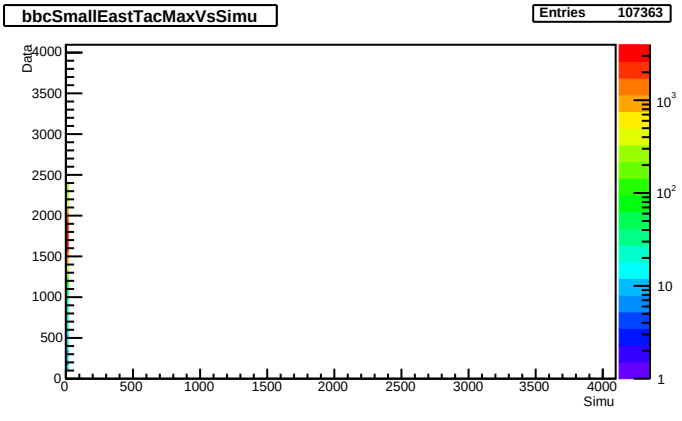

BBQ-VP004 (HI threshold)
Entries 1.024e+07
ADC
QT Input Channel

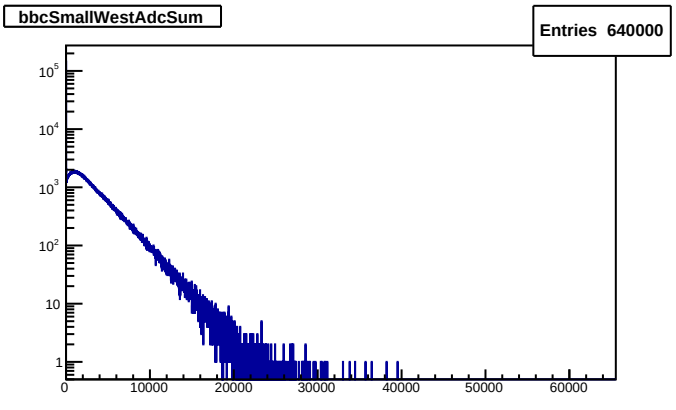

BBQ-VP004 (HI threshold)
Entries 1.024e+07
TAC
QT Input Channel

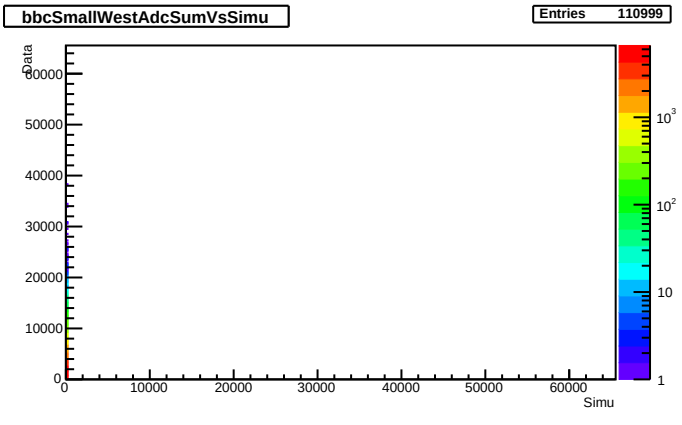

bbcSmallEastAdcSum
Entries 640000

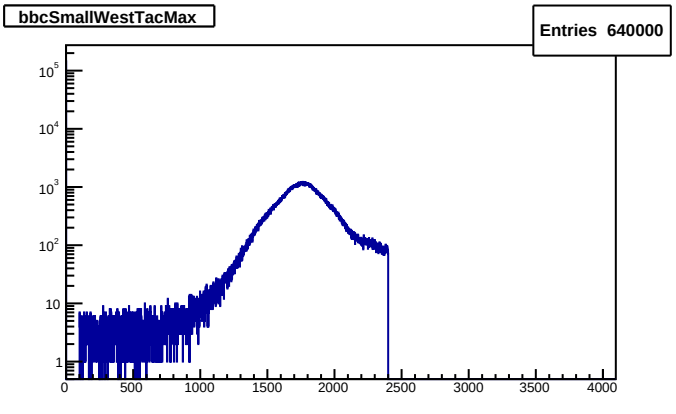

bbcSmallEastAdcSumVsSimu
Entries 107363
Data
Simu

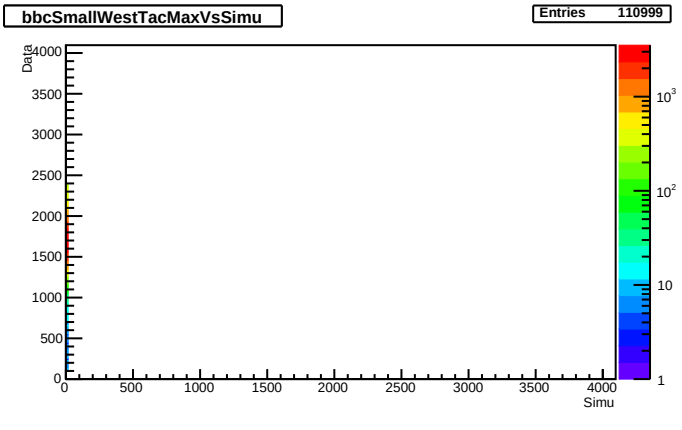

bbcSmallEastTacMax
Entries 640000

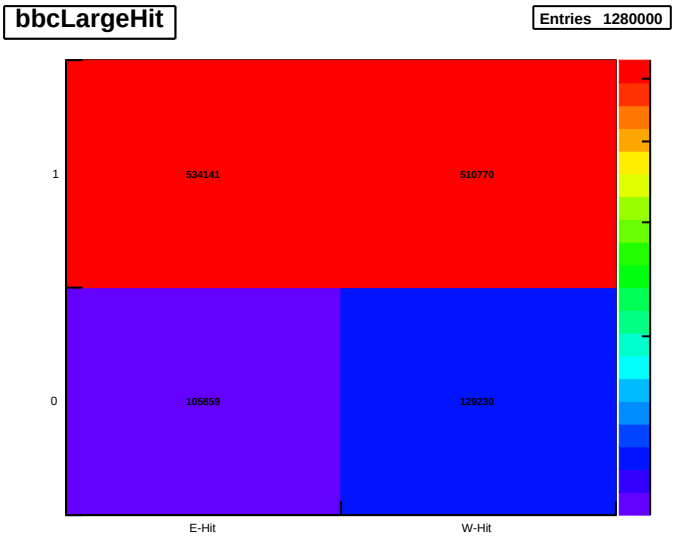

bbcSmallEastTacMaxVsSimu
Entries 107363
Data
Simu

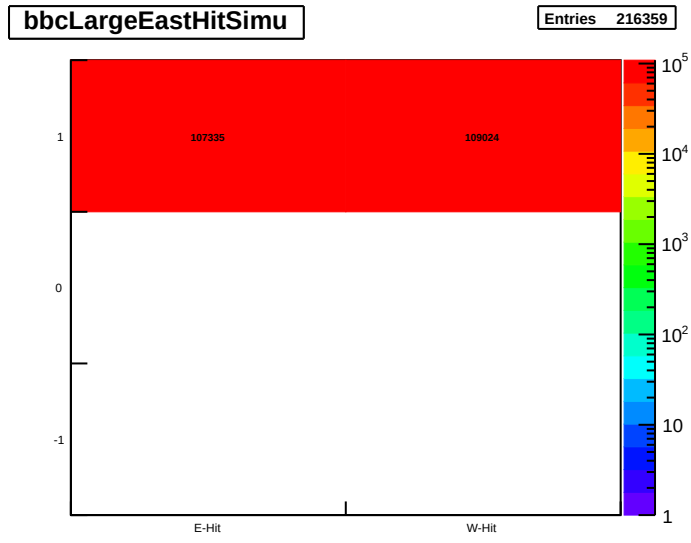

bbcSmallWestAdcSum
Entries 640000

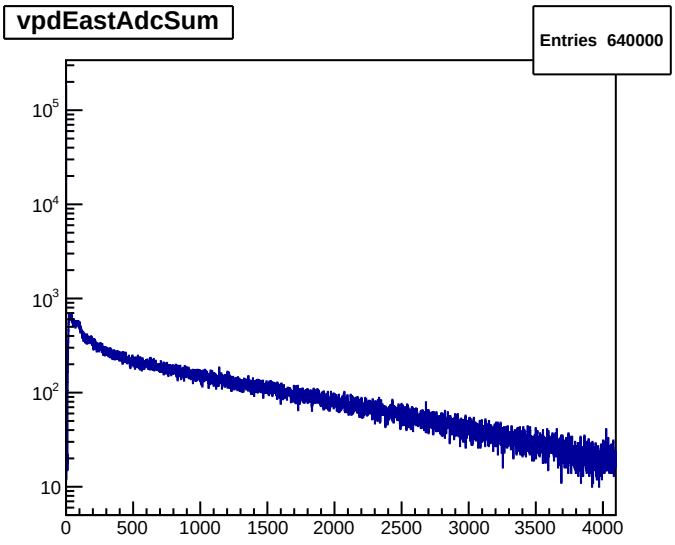

bbcSmallWestAdcSumVsSimu
Entries 110999
Data
Simu

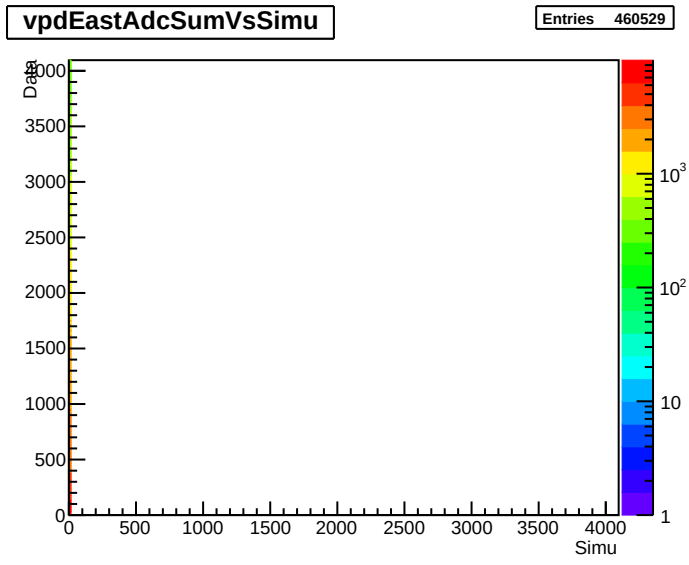

bbcSmallWestTacMax
Entries 640000

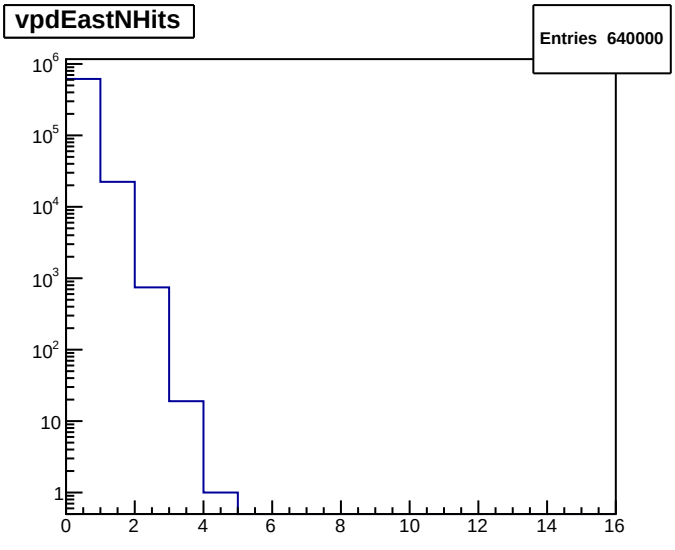

bbcSmallWestTacMaxVsSimu
Entries 110999
Data
Simu

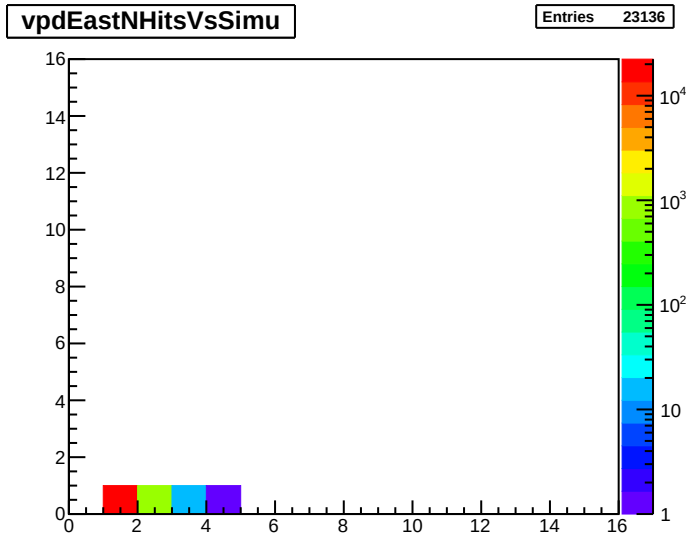

bbcLargeHit
Entries 1280000
1
0
534141
510770
105859
129230
E-Hit
W-Hit

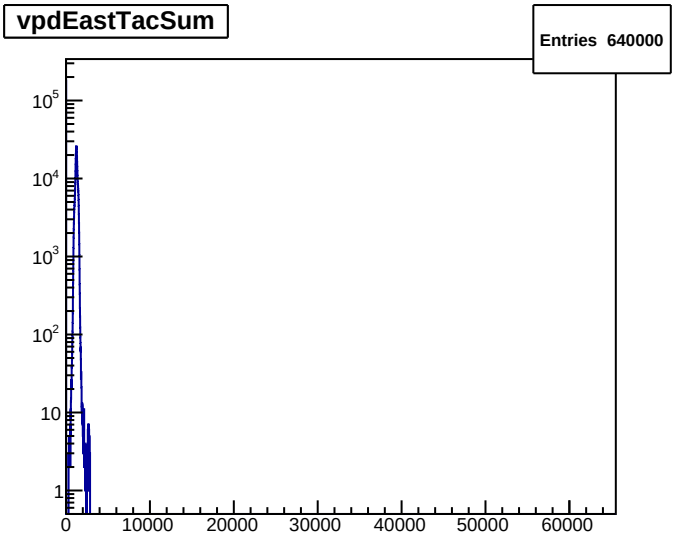

bbcLargeEastHitSimu
Entries 216359
1
0
-1
107335
109024
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

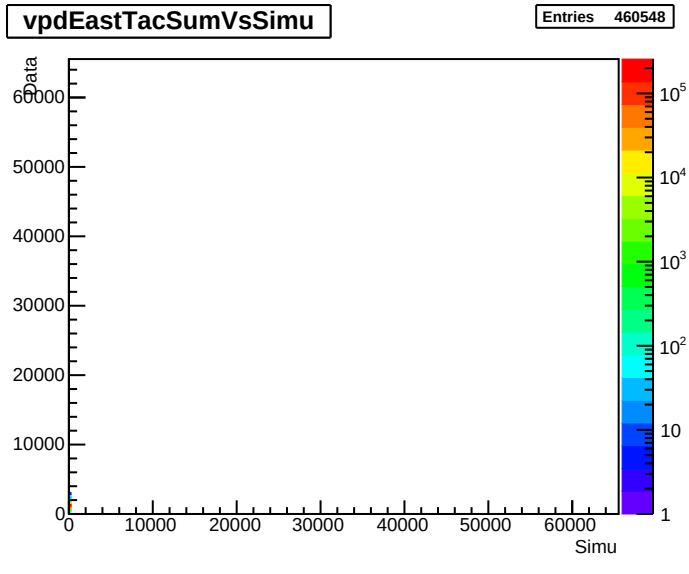

vpdEastAdcSum
Entries 640000

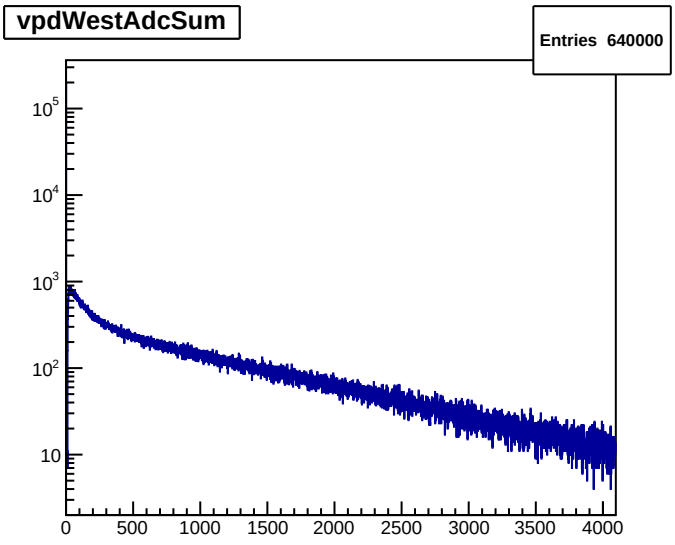

vpdEastAdcSumVsSimu
Entries 460529
Data
Simu

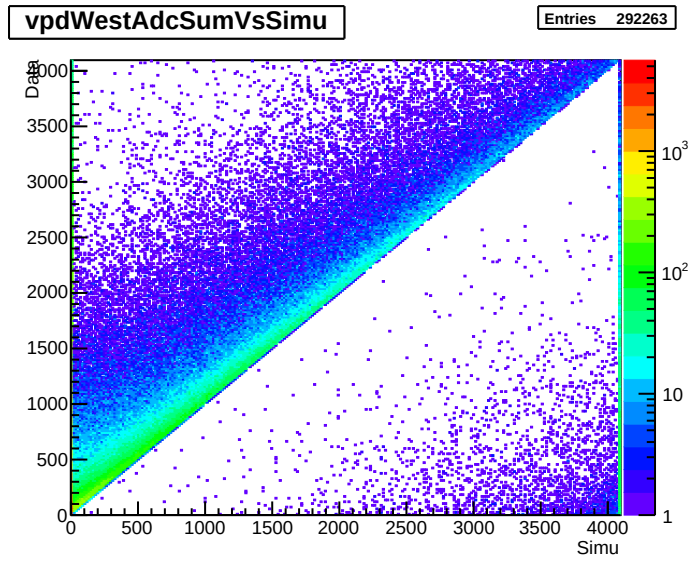

vpdEastNHits
Entries 640000

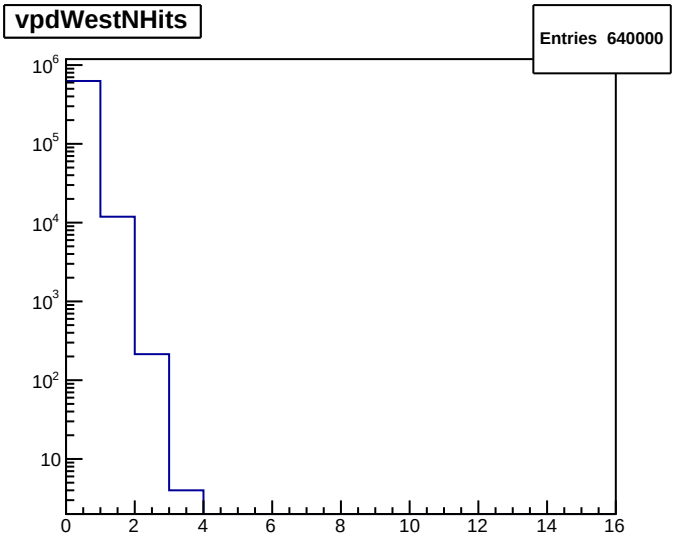

vpdEastNHitsVsSimu
Entries 23136

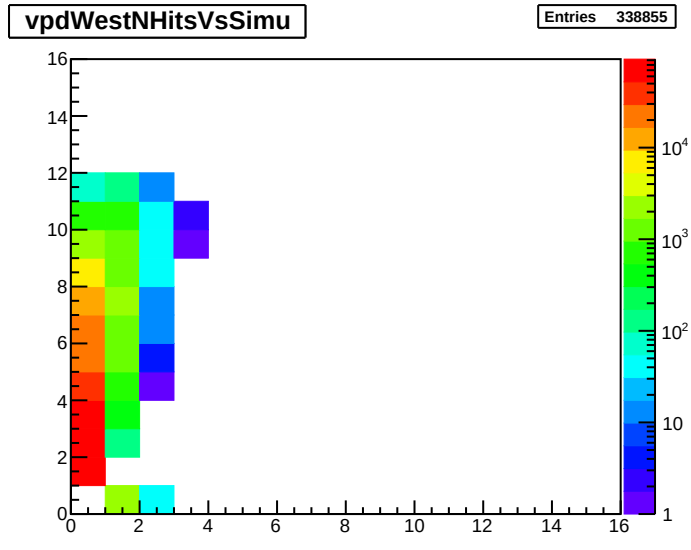

vpdEastTacSum
Entries 640000

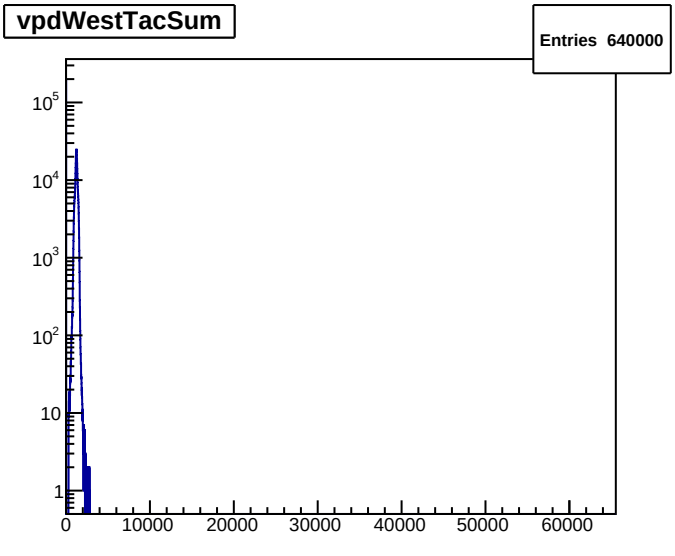

vpdEastTacSumVsSimu
Entries 460548
Data
Simu

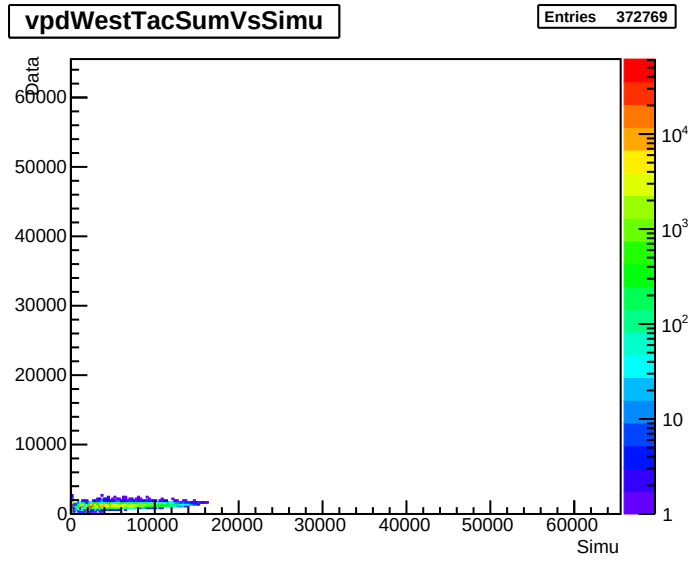

vpdWestAdcSum
Entries 640000

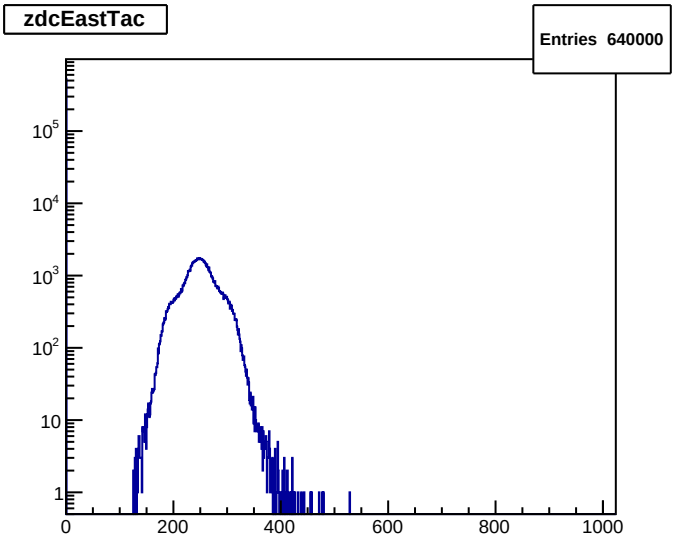

vpdWestAdcSumVsSimu
Entries 292263
Data
Simu

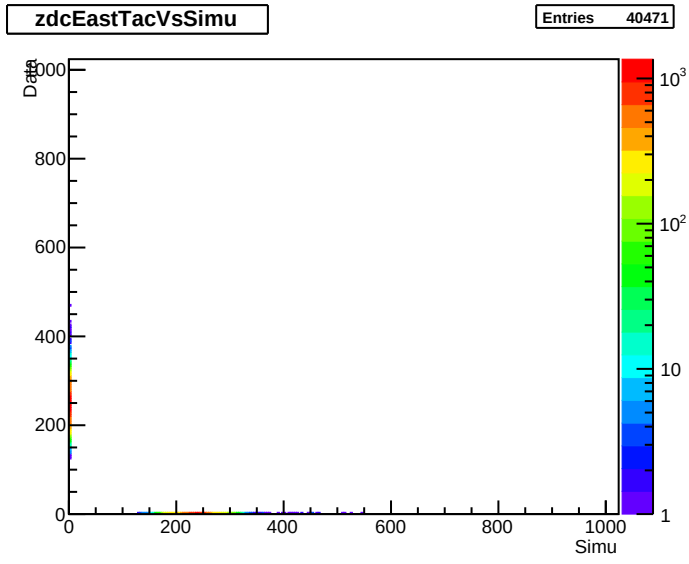

vpdWestNHits
Entries 640000

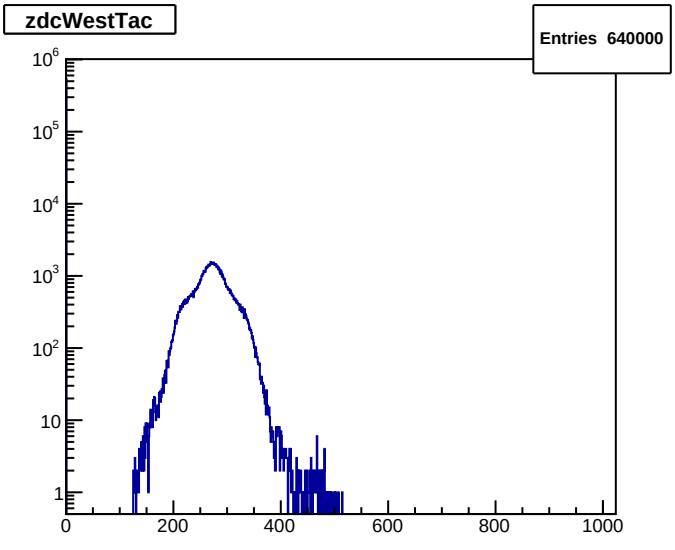

vpdWestNHitsVsSimu
Entries 338855

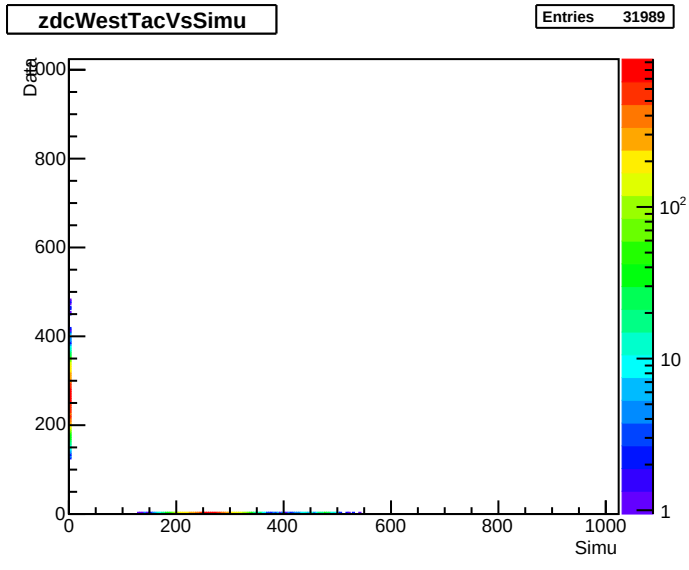

vpdWestTacSum
Entries 640000

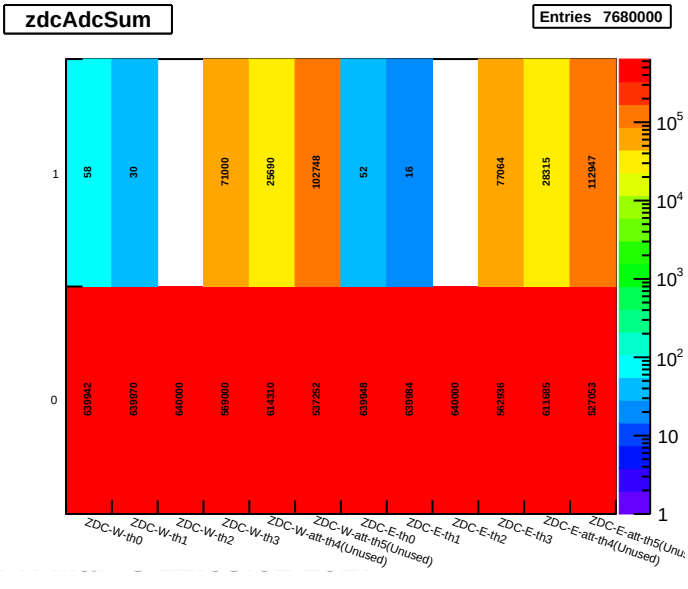

vpdWestTacSumVsSimu
Entries 372769
Data
Simu

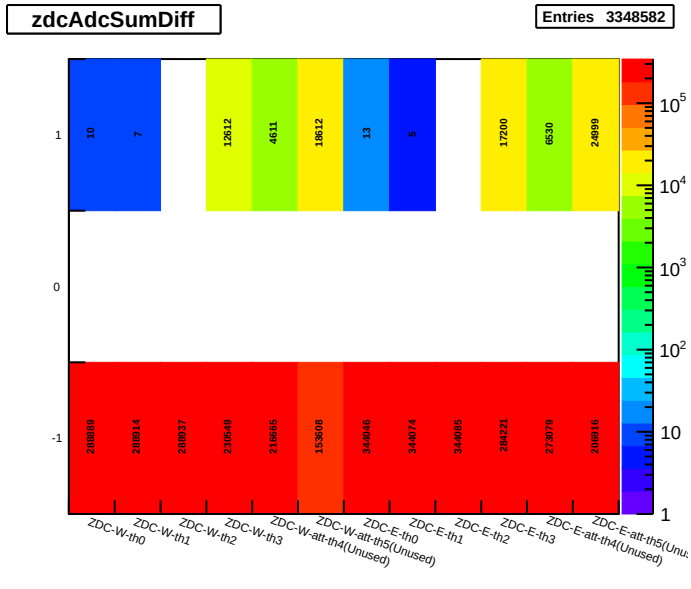

zdcEastTac
Entries 640000

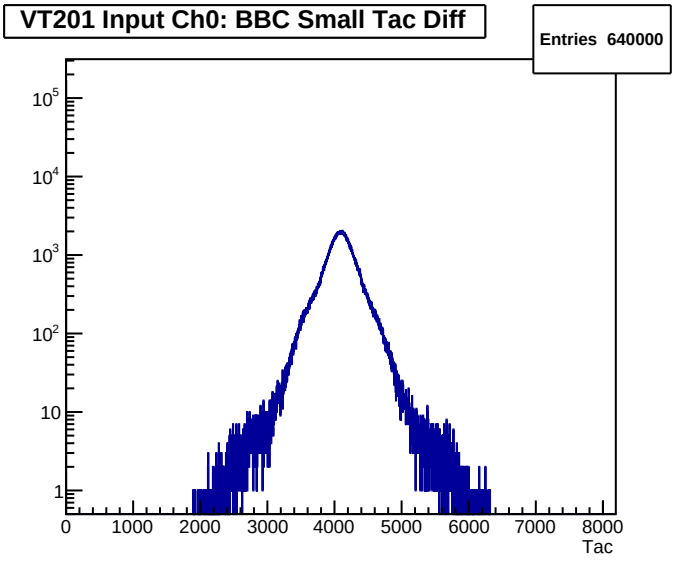

zdcEastTacVsSimu
Entries 40471
Data
Simu

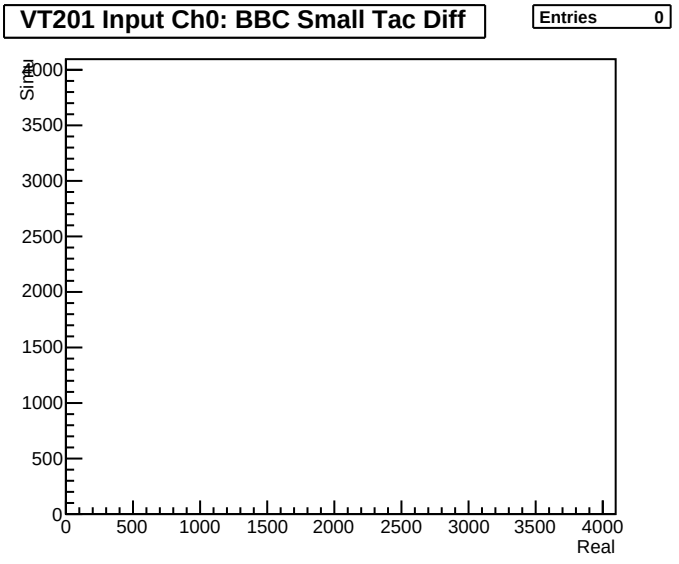

zdcWestTac
Entries 640000

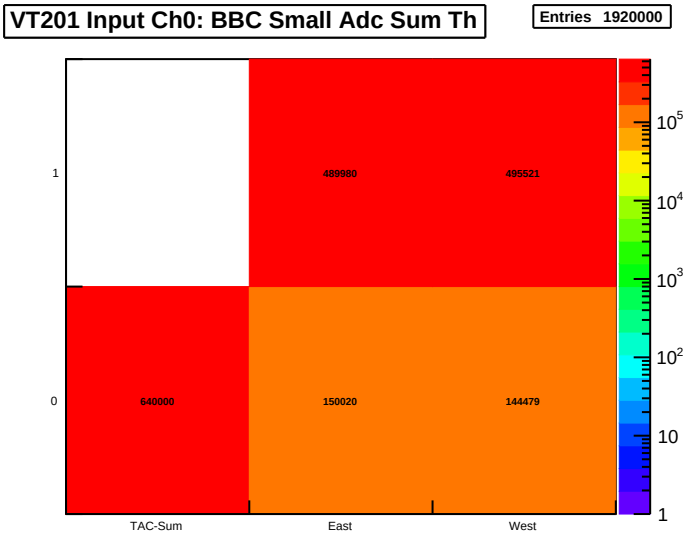

zdcWestTacVsSimu
Entries 31989
Data
Simu

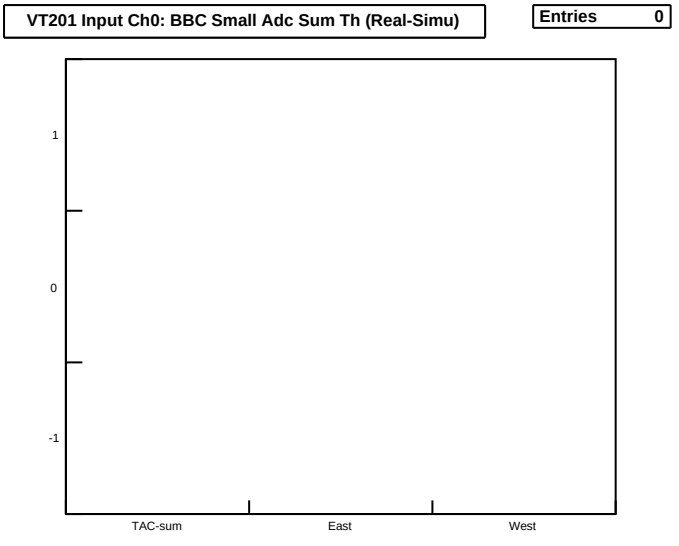

zdcAdcSum
Entries 7680000
58
30
71000
25690
102748
52
16
77064
28315
112947
639942
639970
640000
569000
614310
537252
639948
639984
640000
562336
611685
527053
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

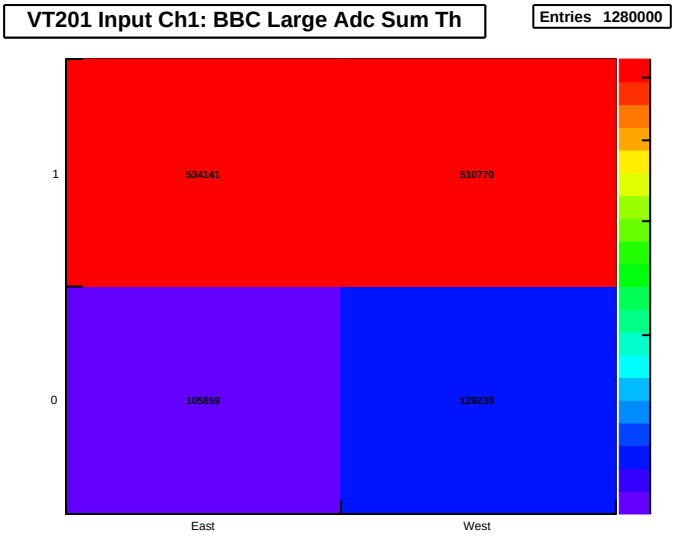

zdcAdcSumDiff
Entries 3348582
10
7
12612
4611
18612
13
5
17200
6530
24999
288889
288914
288937
230549
216665
153608
344046
344074
344085
284221
273079
206916
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

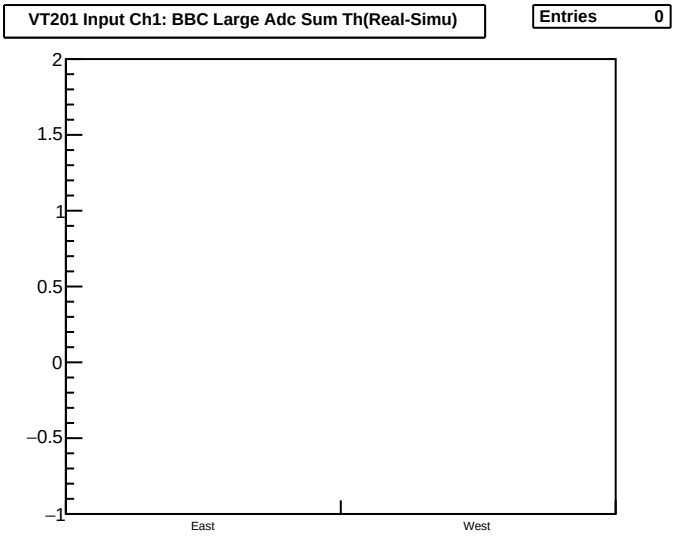

VT201 Input Ch0: BBC Small Tac Diff
Entries 640000
Tac


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

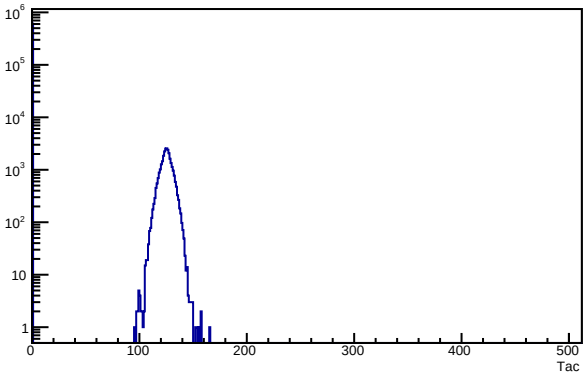

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1920000
489980
495521
640000
150020
144479
TAC-Sum
East
West


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

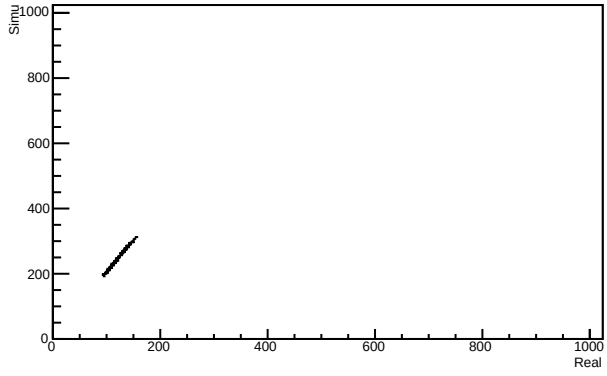

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1280000
534141
510770
105859
129230
East
West


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

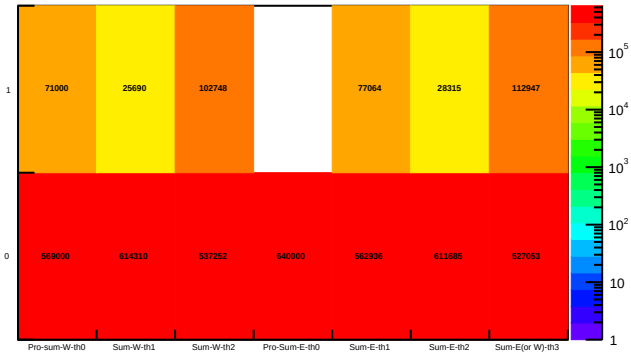
VT201 Input Ch2: ZDC Tac Diff



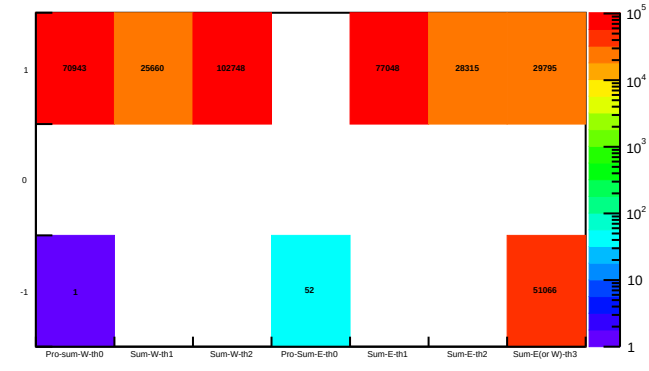
VT201 Input Ch2: ZDC Tac Diff



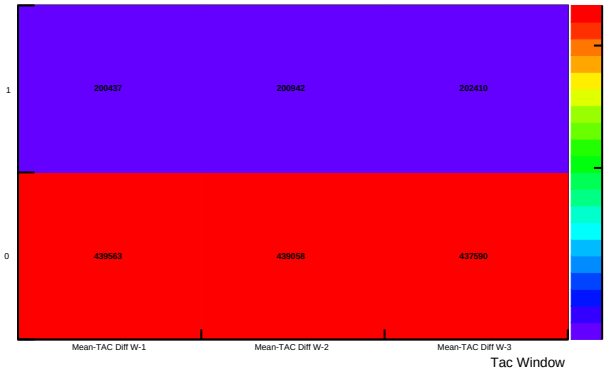
VT201 Input Ch2: ZDC Adc Sum Th



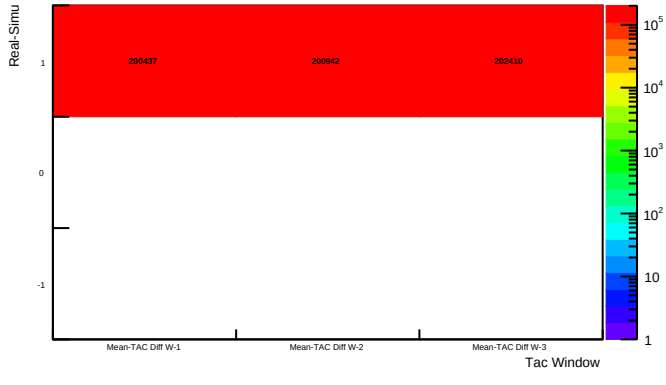
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



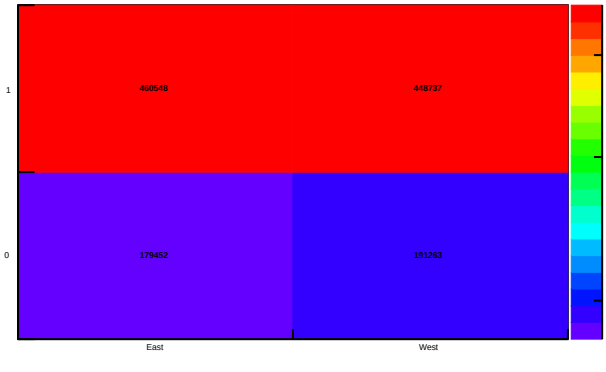
VT201 Input Ch4: VPD Tac Diff



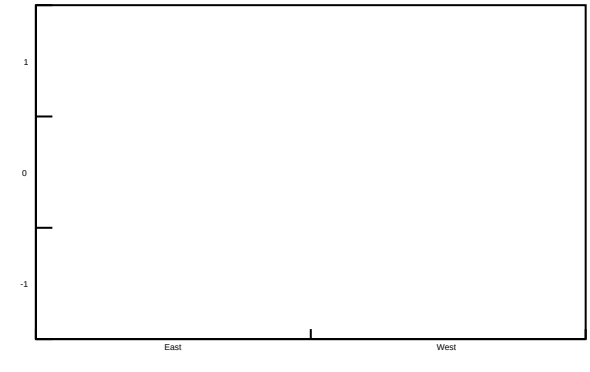
VT201 Input Ch4: VPD Tac Diff

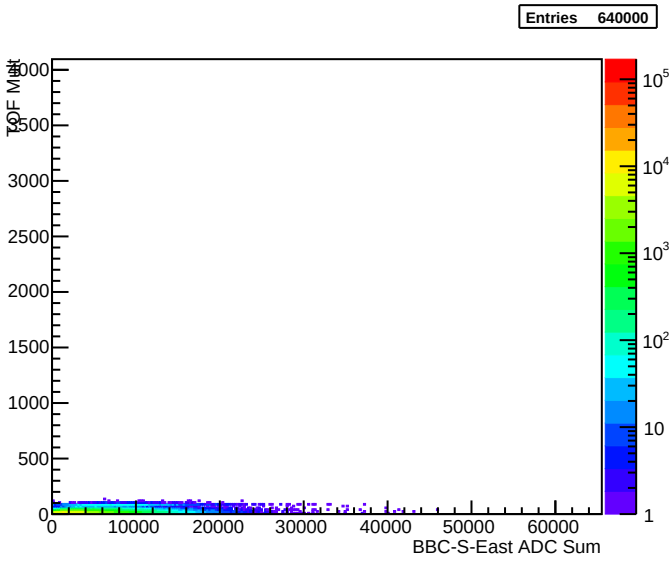


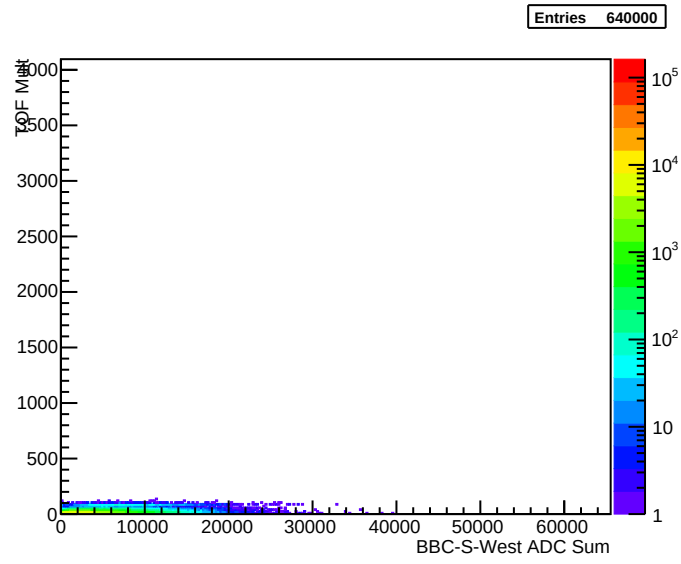
VT201 Input Ch4: VPD Adc Sum Th

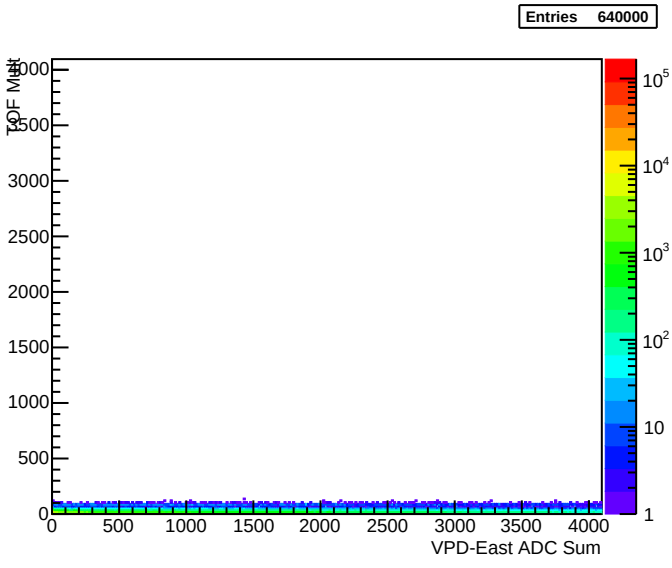


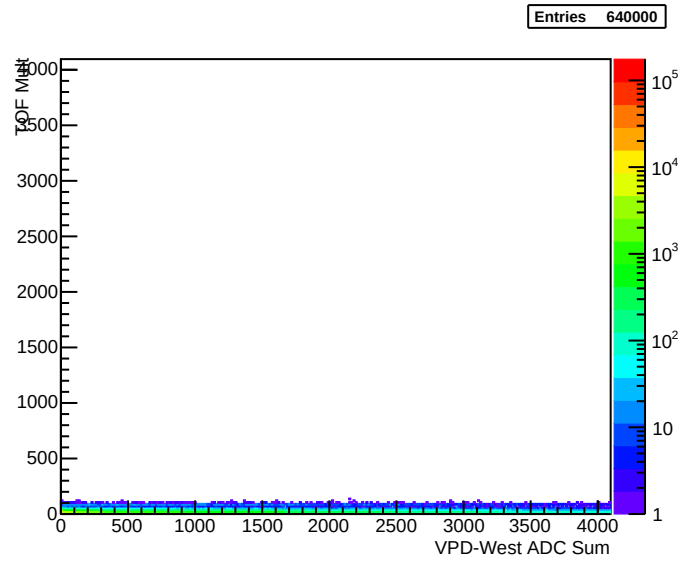
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

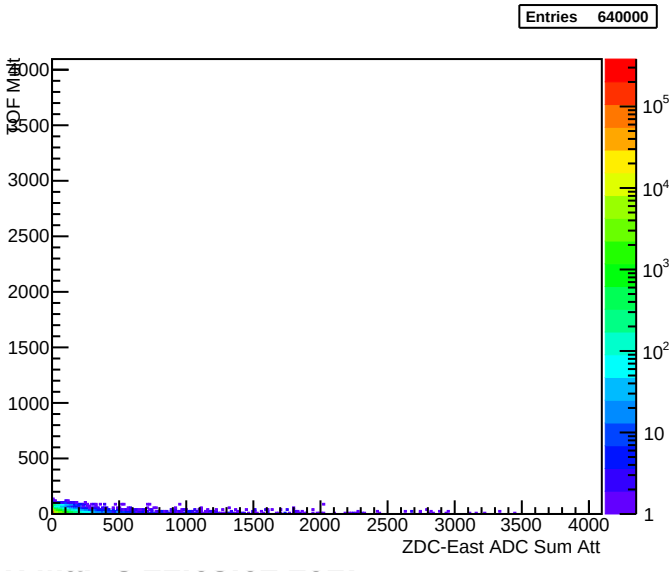


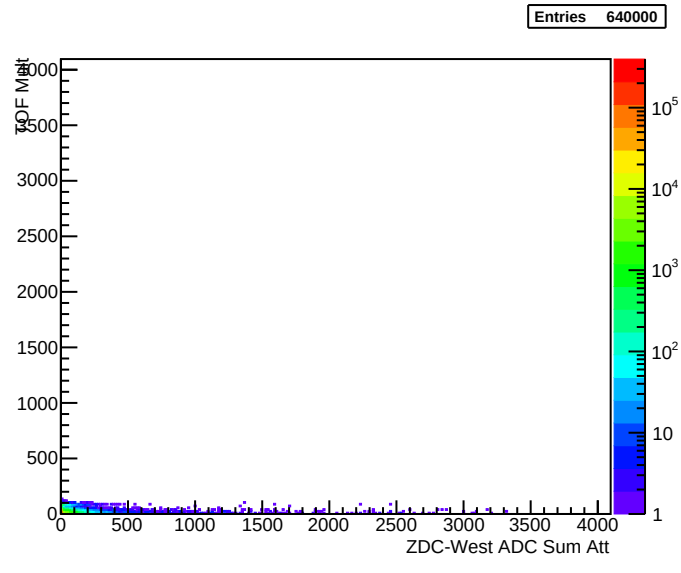

Entries 640000
TOF Mult
BBC-S-East ADC Sum

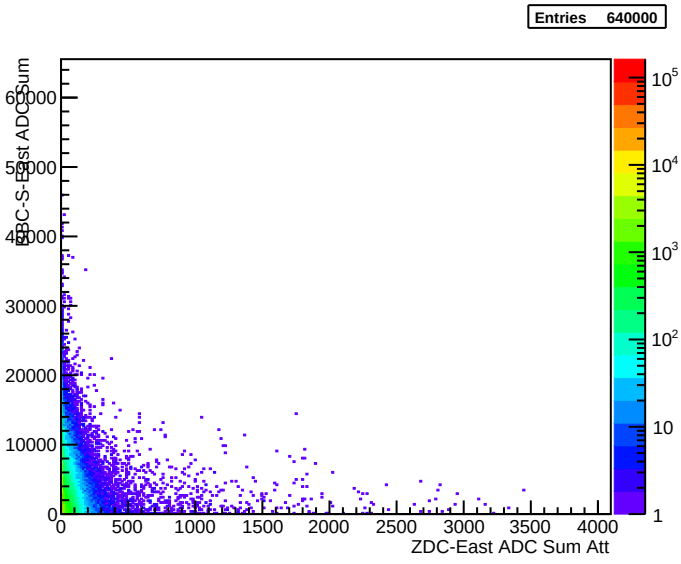

Entries 640000
TOF Mult
BBC-S-West ADC Sum

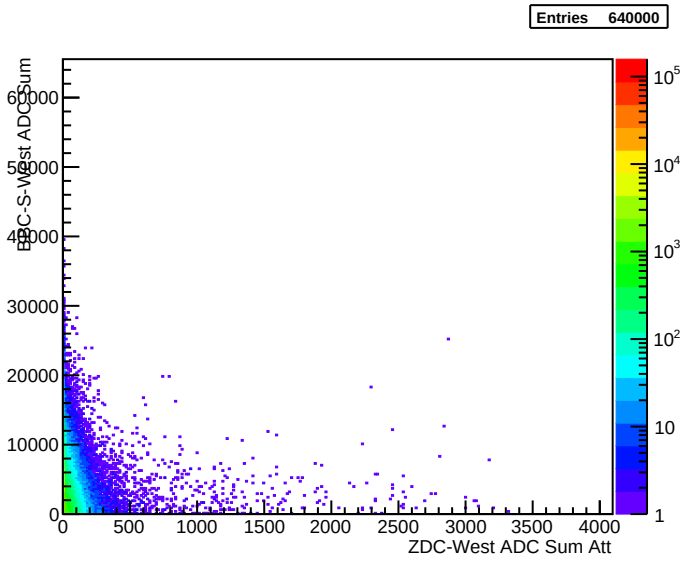

Entries 640000
TOF Mult
VPD-East ADC Sum

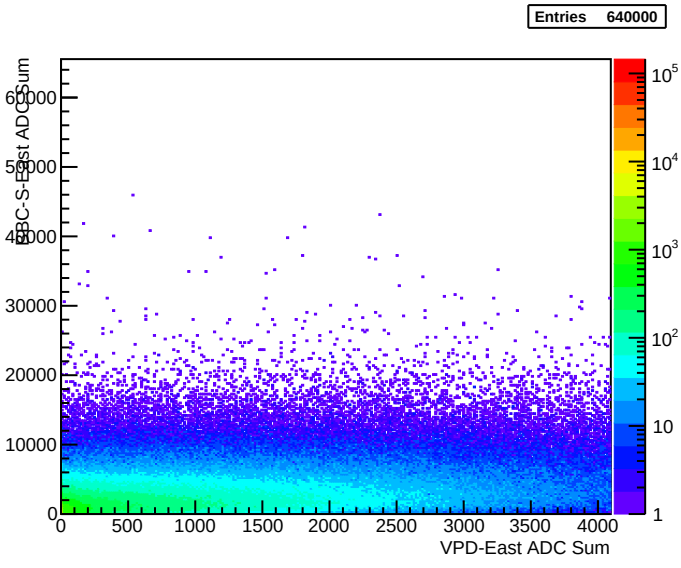

Entries 640000
TOF Mult
VPD-West ADC Sum

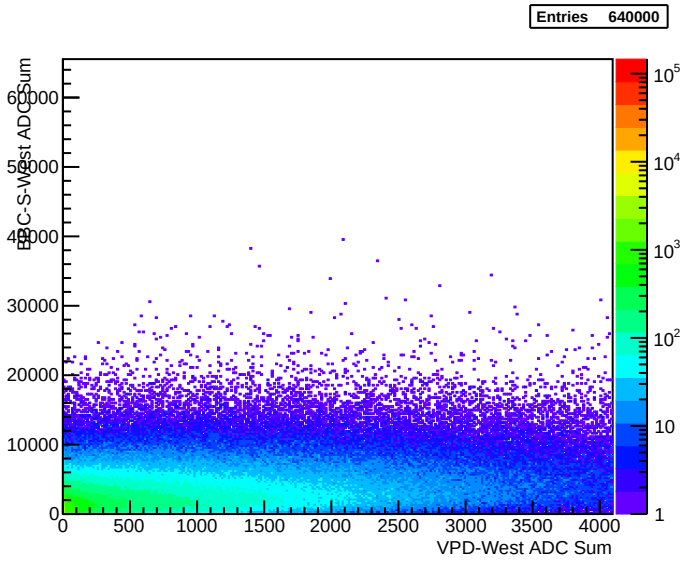

Entries 640000
TOF Mult
ZDC-East ADC Sum Att

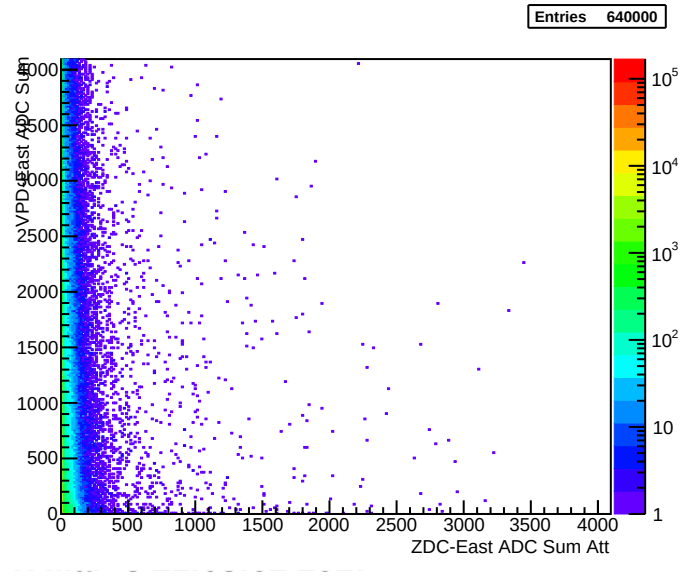

Entries 640000
TOF Mult
ZDC-West ADC Sum Att

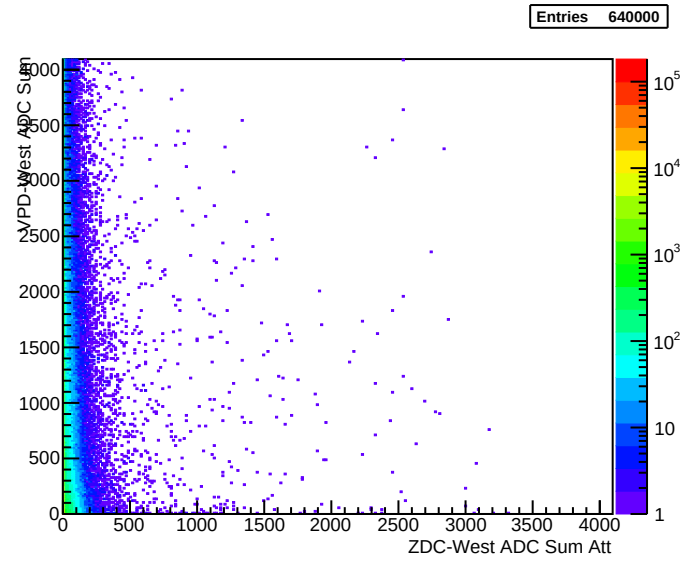

Entries 640000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

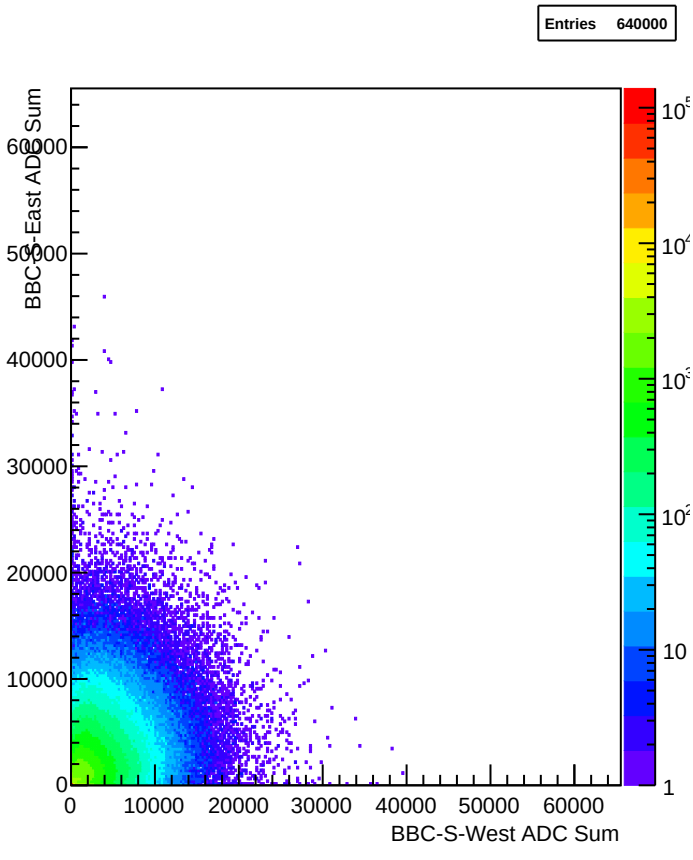

Entries 640000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

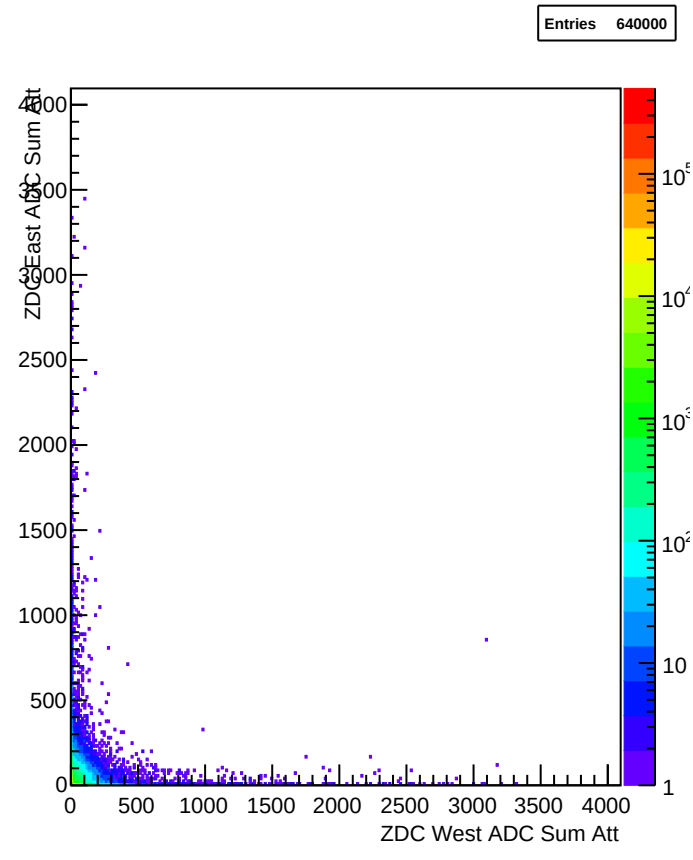

Entries 640000
BBC-S-East ADC Sum
VPD-East ADC Sum

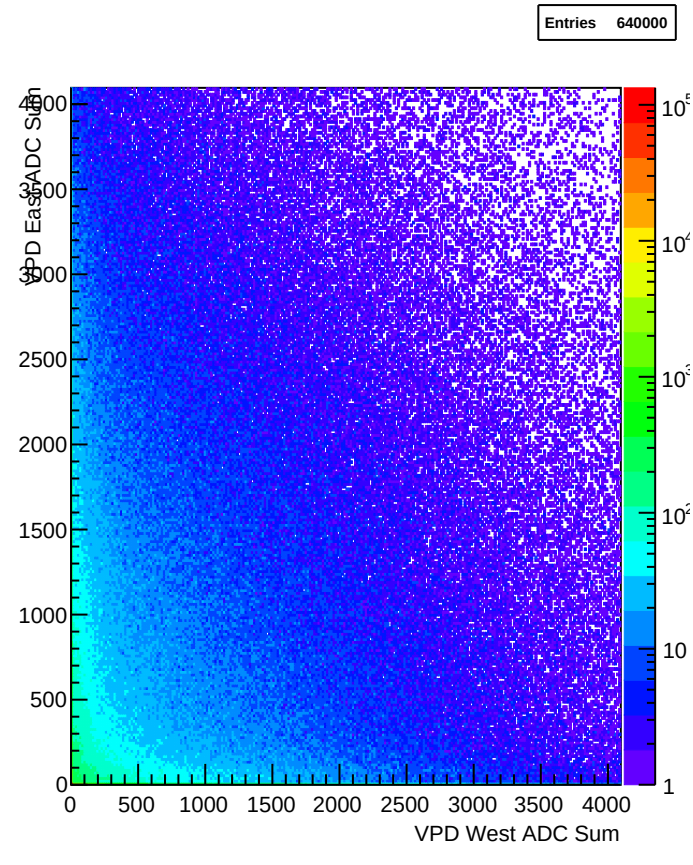

Entries 640000
BBC-S-West ADC Sum
VPD-West ADC Sum

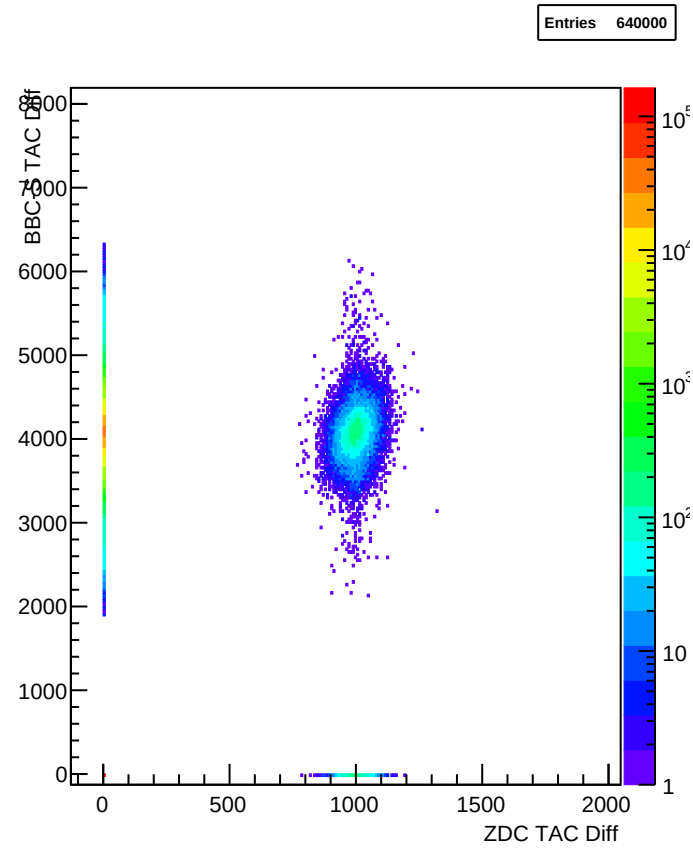

Entries 640000
VPD-East ADC Sum
ZDC-East ADC Sum Att

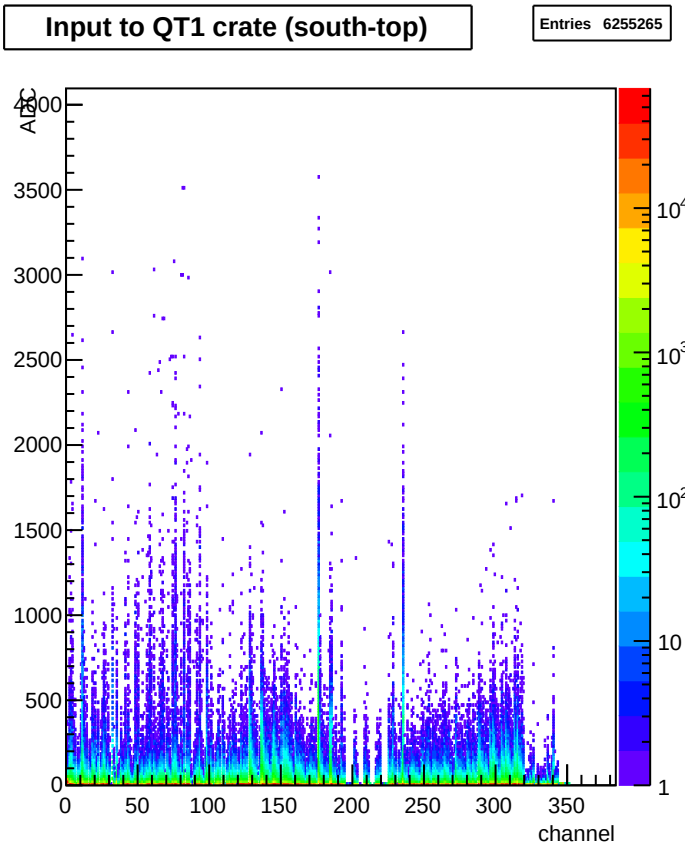

Entries 640000
VPD-West ADC Sum
ZDC-West ADC Sum Att

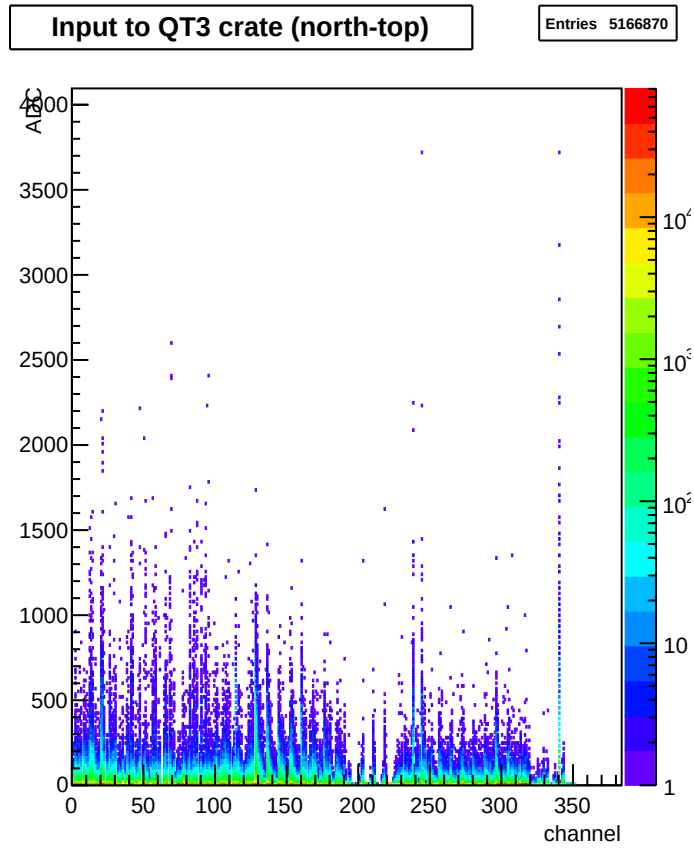

Entries 640000
BBC-S-East ADC Sum
BBC-S-West ADC Sum

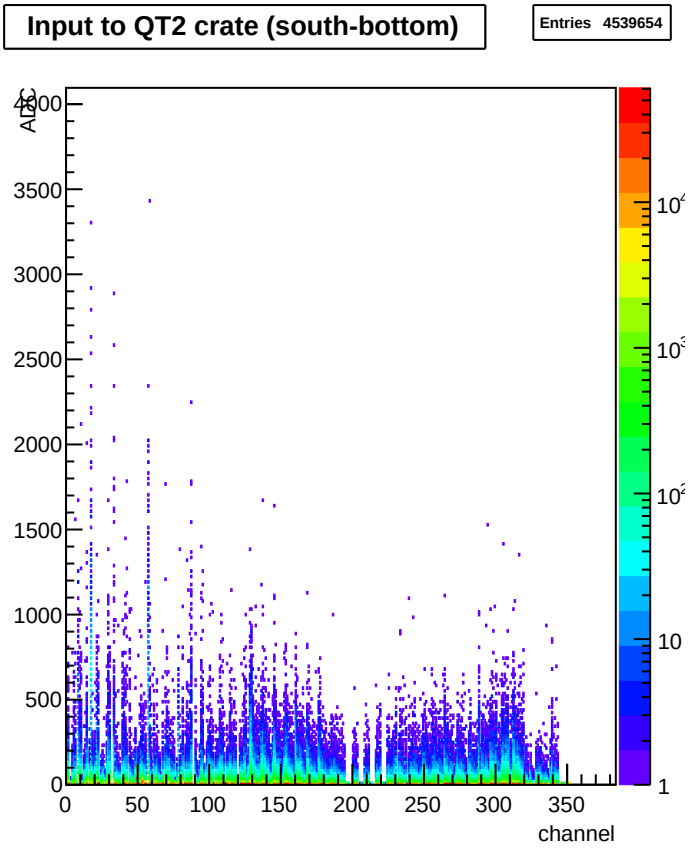

Entries 640000
ZDC East ADC Sum Att
ZDC West ADC Sum Att

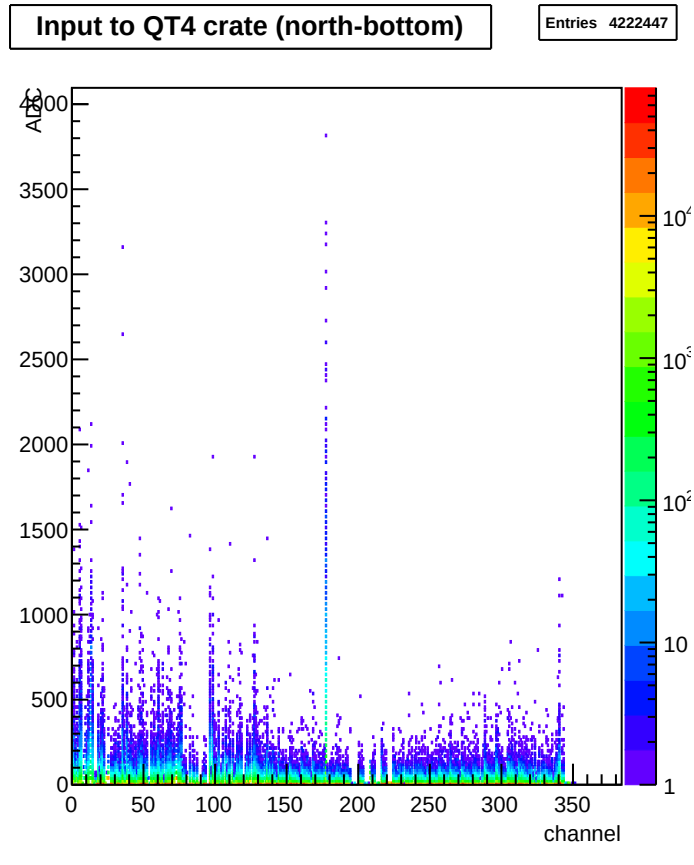

Entries 640000
VPD East ADC Sum
VPD West ADC Sum

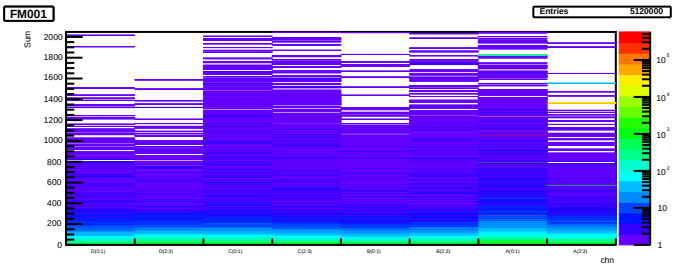

Entries 640000
BBC-S TAC Diff
ZDC TAC Diff

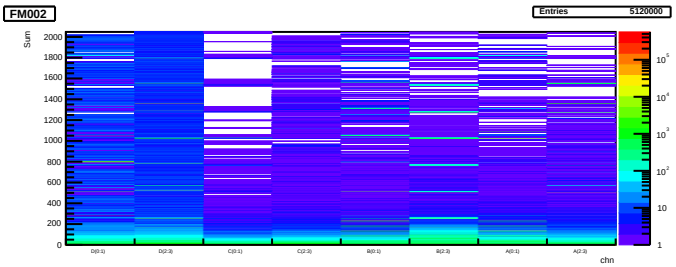

Input to QT1 crate (south-top)
Entries 6255265
ADC
channel

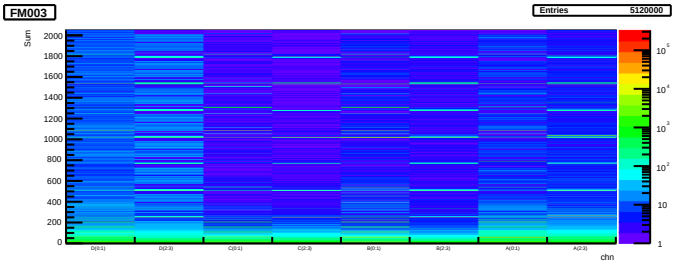

Input to QT3 crate (north-top)
Entries 5166870
ADC
channel

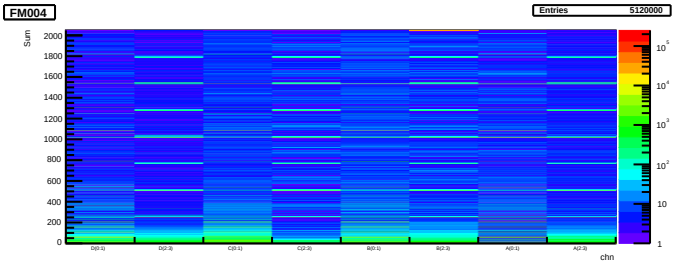

Input to QT2 crate (south-bottom)
Entries 4539654
ADC
channel

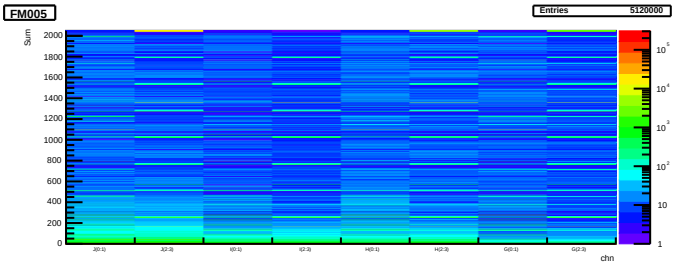

Input to QT4 crate (north-bottom)
Entries 4222447
ADC
channel

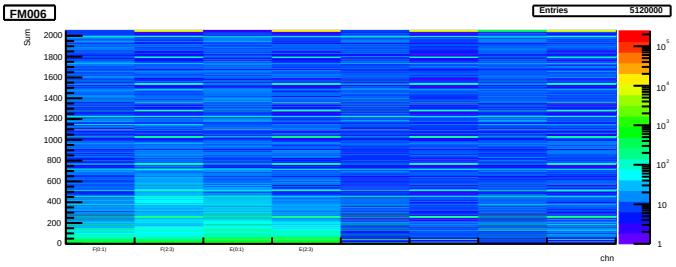

FM001
Entries 5120000
Sum
chn

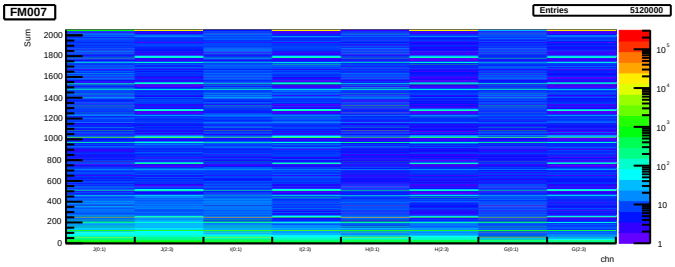

FM002
Entries 5120000
Sum
chn

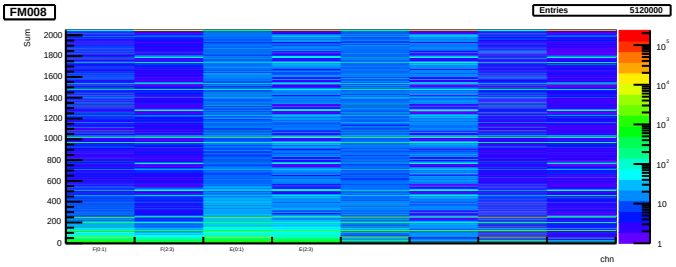

FM003
Entries 5120000
Sum
chn

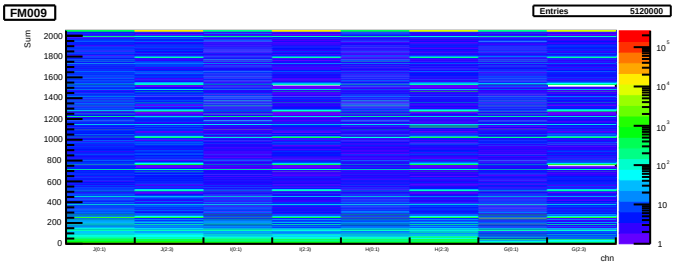

FM004
Entries 5120000
Sum
chn

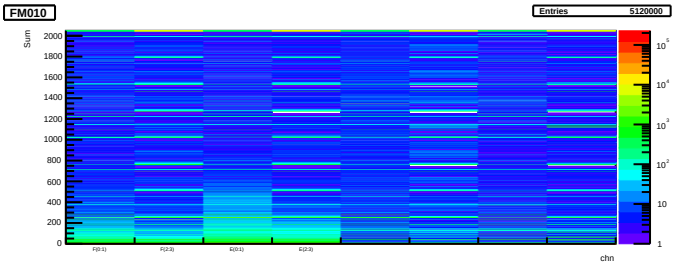

FM005
Entries 5120000
Sum
chn

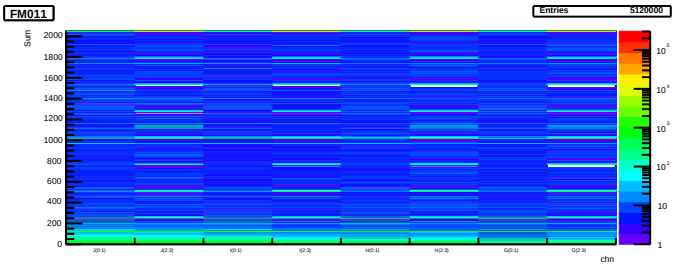

FM006
Entries 5120000
Sum
chn

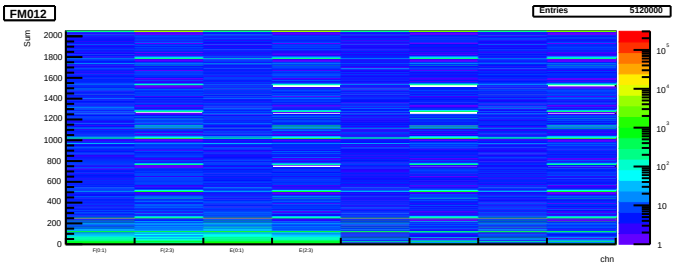

FM007
Entries 5120000
Sum
chn

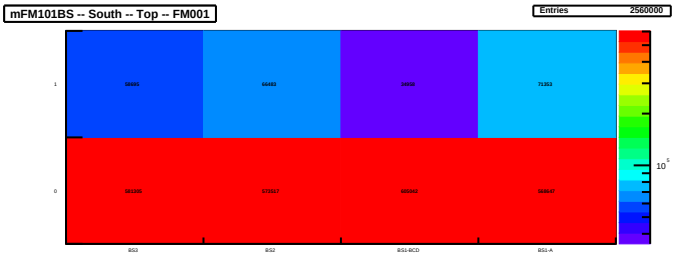

FM008
Entries 5120000
Sum
chn

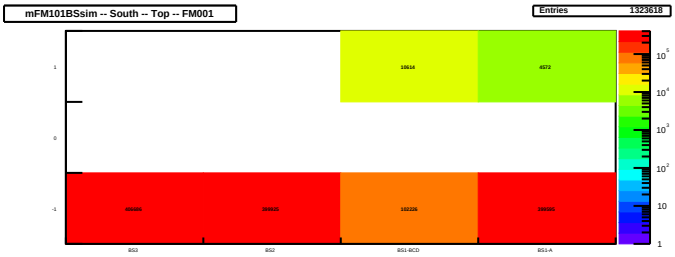

FM009
Entries 5120000
Sum
chn

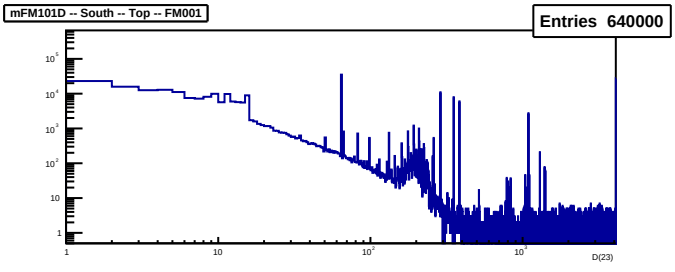

FM010
Entries 5120000
Sum
chn

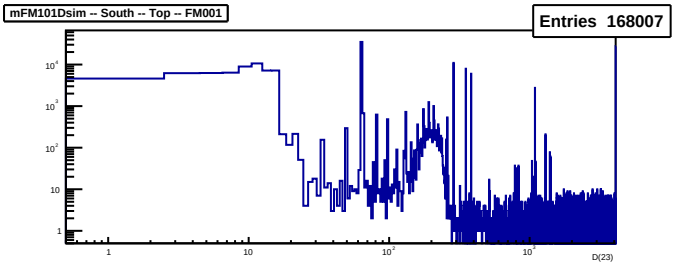

FM011
Entries 5120000
Sum
chn

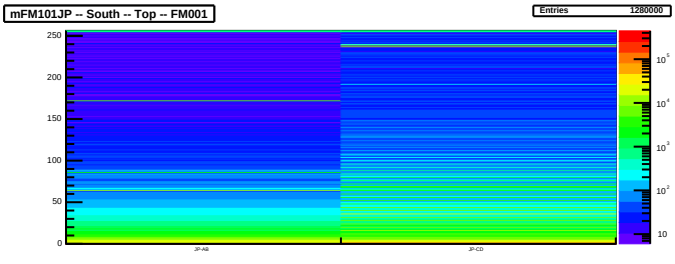

FM012
Entries 5120000
Sum
chn

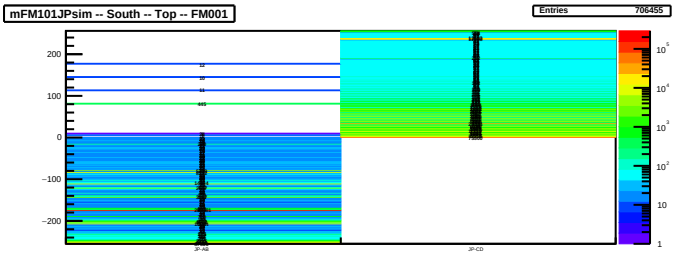

mFM101BS -- South -- Top -- FM001
Entries 2560000

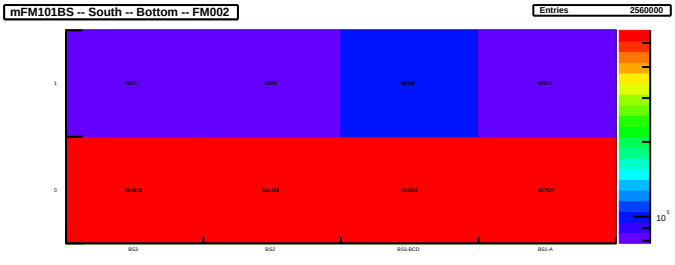

mFM101BSsim -- South -- Top -- FM001
Entries 1323618

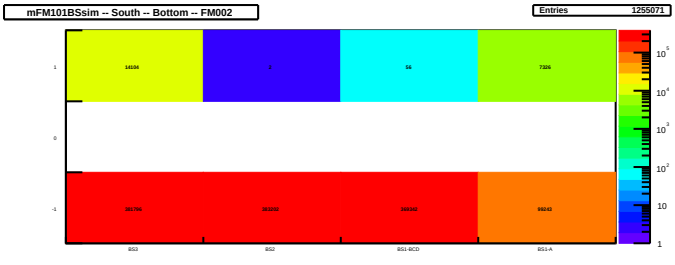

mFM101D -- South -- Top -- FM001
Entries 640000
D(23)

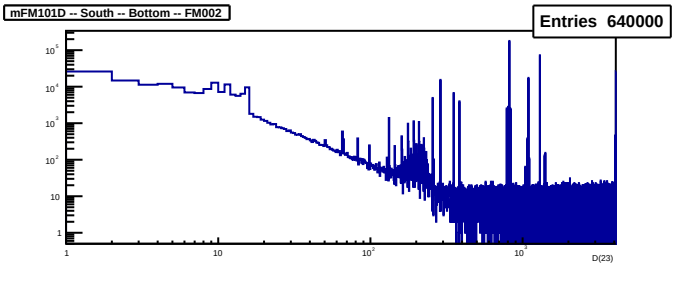

mFM101Dsim -- South -- Top -- FM001
Entries 168007
D(23)

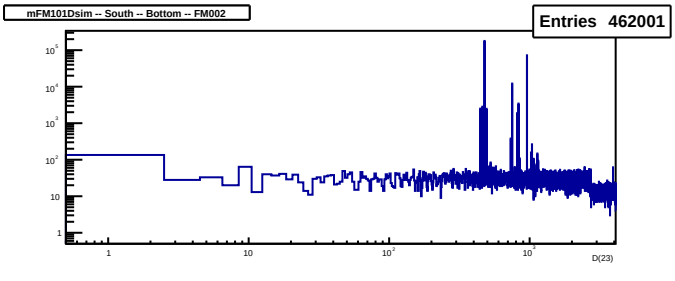

mFM101JP -- South -- Top -- FM001
Entries 1280000

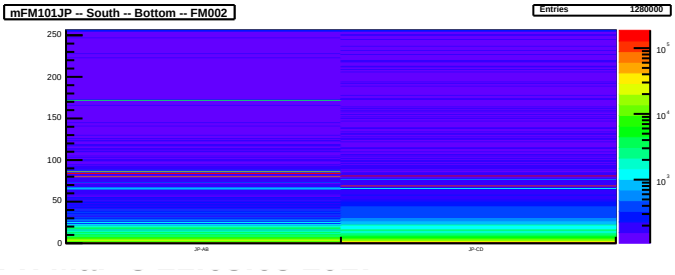

mFM101JPsim -- South -- Top -- FM001
Entries 706455

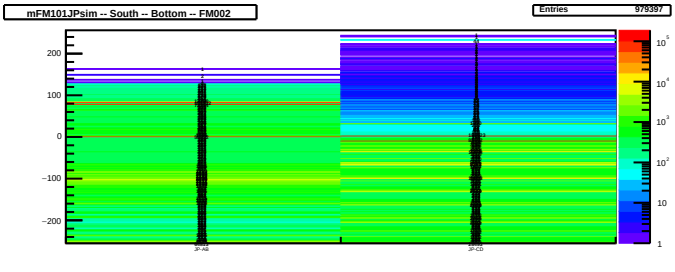

mFM101BS -- South -- Bottom -- FM002
Entries 2560000

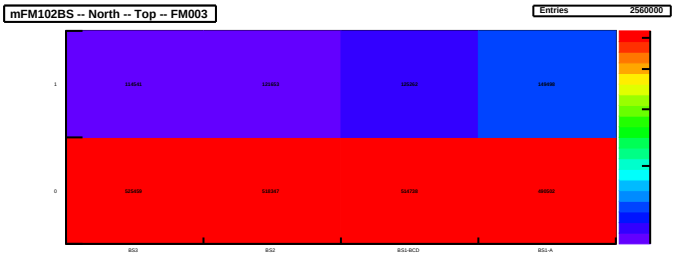

mFM101BSsim -- South -- Bottom -- FM002
Entries 1255071

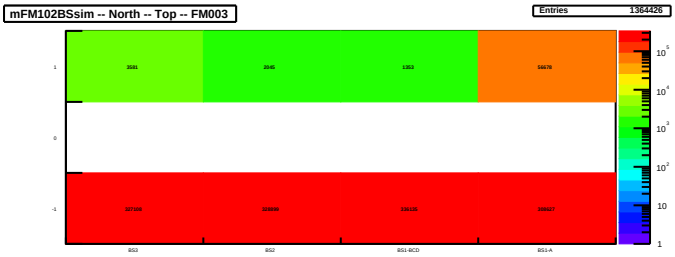

mFM101D -- South -- Bottom -- FM002
Entries 640000
D(23)

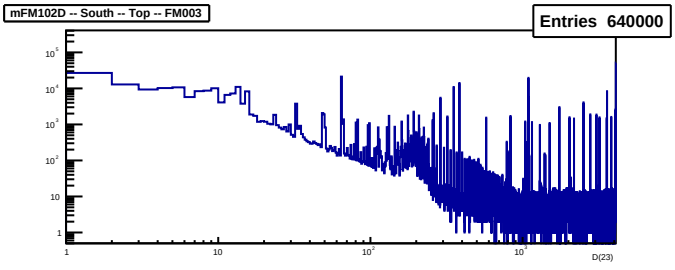

mFM101Dsim -- South -- Bottom -- FM002
Entries 462001
D(23)

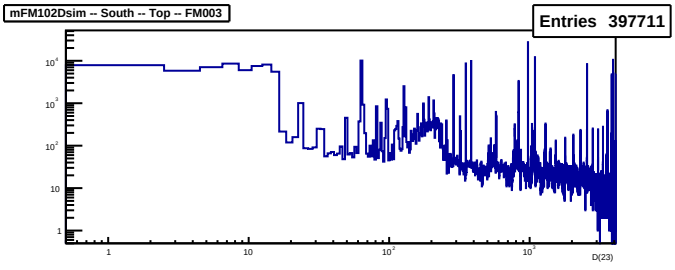

mFM101JP -- South -- Bottom -- FM002
Entries 1280000

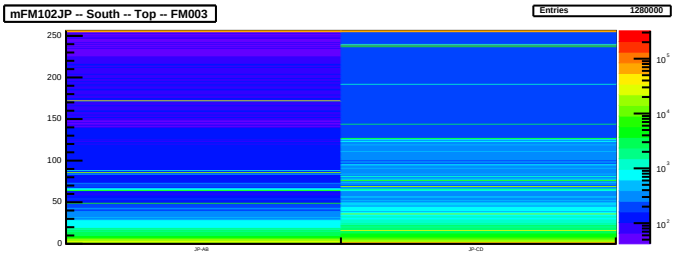

mFM101JPsim -- South -- Bottom -- FM002
Entries 979397

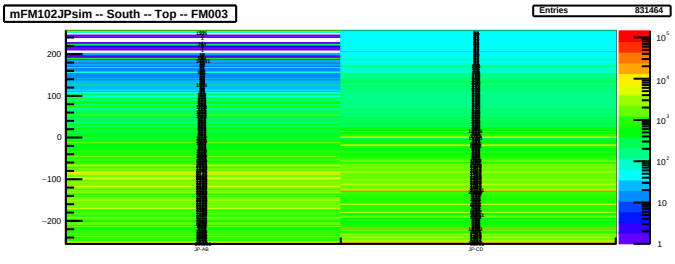

mFM102BS -- North -- Top -- FM003
Entries 2560000

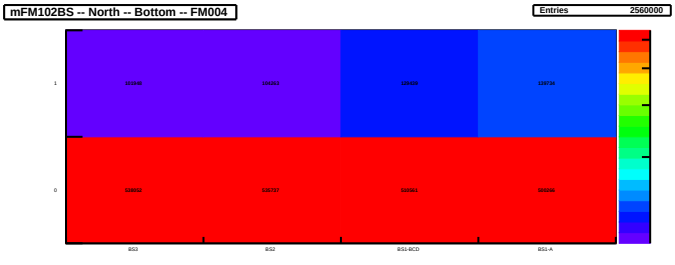

mFM102BSsim -- North -- Top -- FM003
Entries 1364426

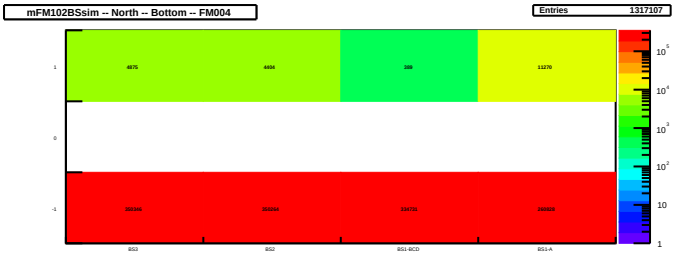

mFM102D -- South -- Top -- FM003
Entries 640000
D(23)

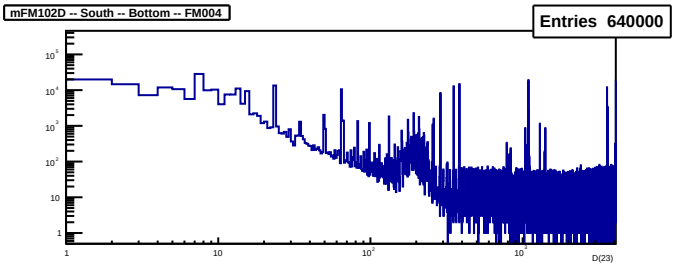

mFM102Dsim -- South -- Top -- FM003
Entries 397711
D(23)

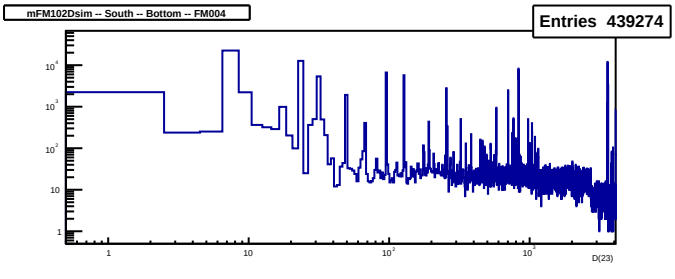

mFM102JP -- South -- Top -- FM003
Entries 1280000

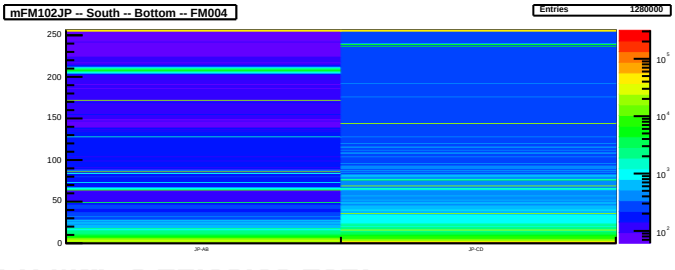

mFM102JPsim -- South -- Top -- FM003
Entries 831464

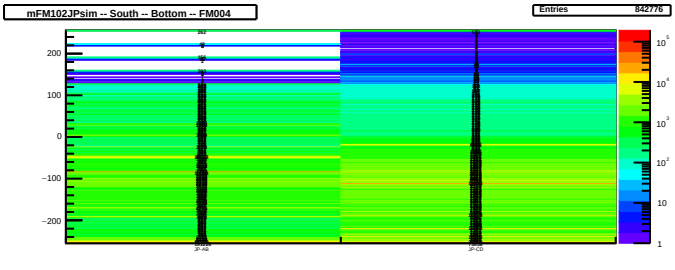

mFM102BS -- North -- Bottom -- FM004
Entries 2560000

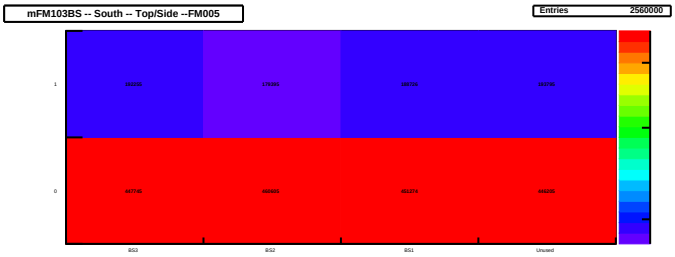

mFM102BSsim -- North -- Bottom -- FM004
Entries 1317107

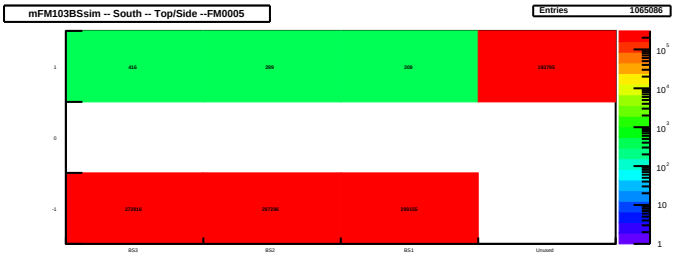

mFM102D -- South -- Bottom -- FM004
Entries 640000
D(23)

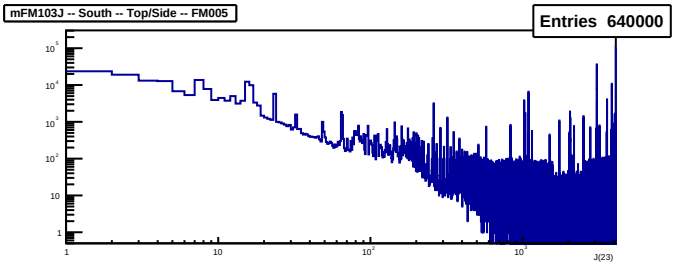

mFM102Dsim -- South -- Bottom -- FM004
Entries 439274
D(23)

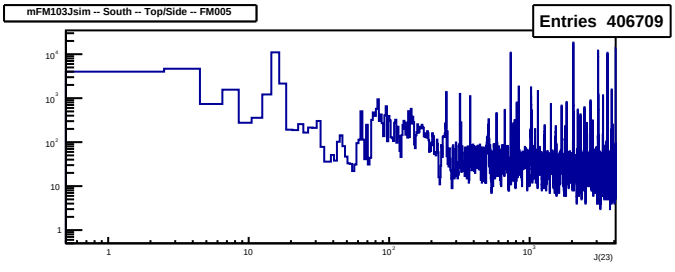

mFM102JP -- South -- Bottom -- FM004
Entries 1280000

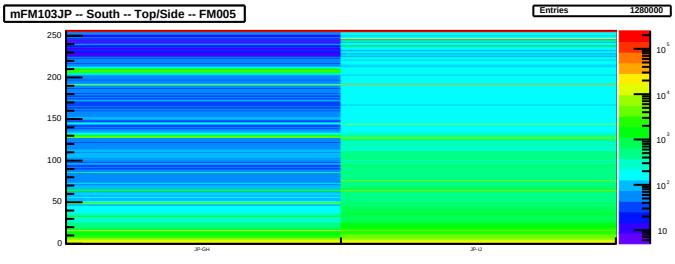

mFM102JPsim -- South -- Bottom -- FM004
Entries 842776

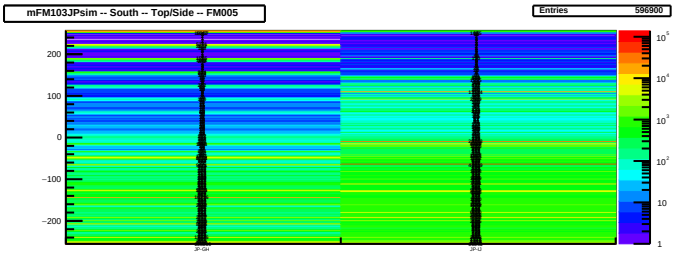

mFM103BS -- South -- Top/Side --FM005
Entries 2560000

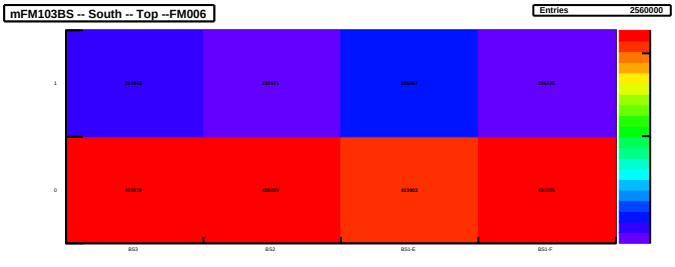

mFM103BSsim -- South -- Top/Side --FM0005
Entries 1065086

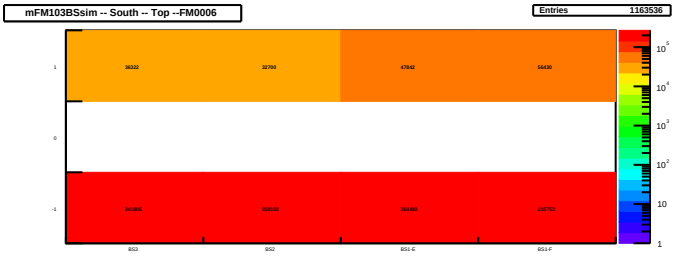

mFM103J -- South -- Top/Side -- FM005
Entries 640000
J(23)

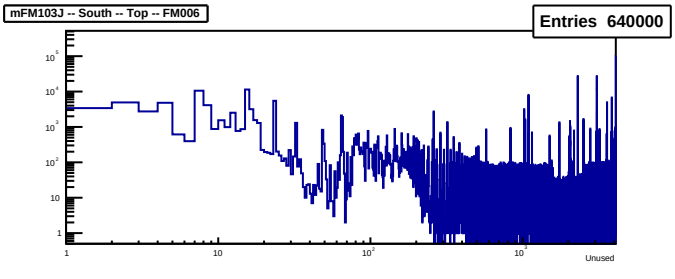

mFM103Jsim -- South -- Top/Side -- FM005
Entries 406709
J(23)

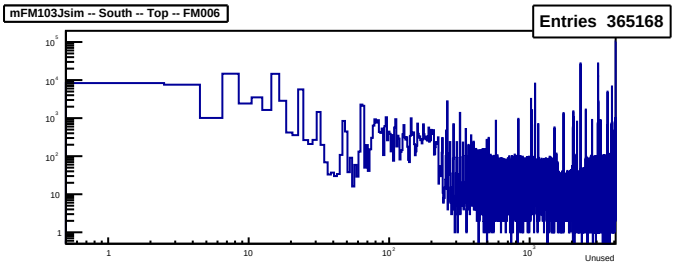

mFM103JP -- South -- Top/Side -- FM005
Entries 1280000

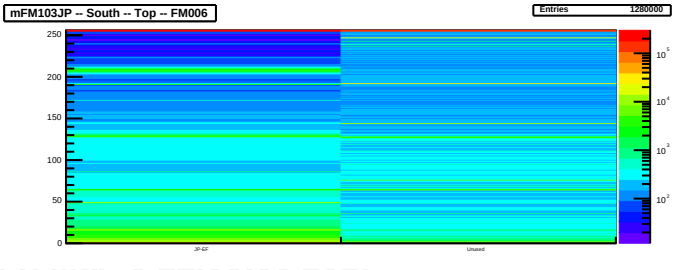

mFM103JPsim -- South -- Top/Side -- FM005
Entries 596900

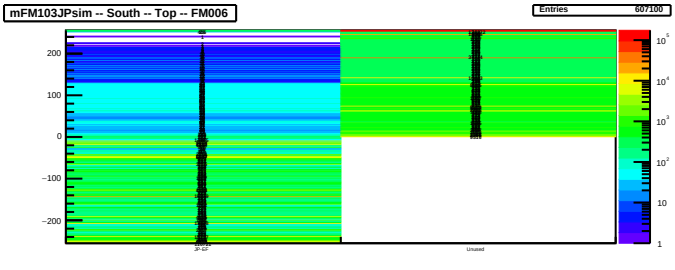

mFM103BS -- South -- Top --FM006
Entries 2560000

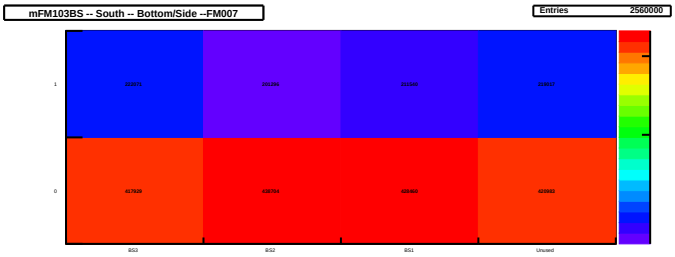

mFM103BSsim -- South -- Top --FM0006
Entries 1163536

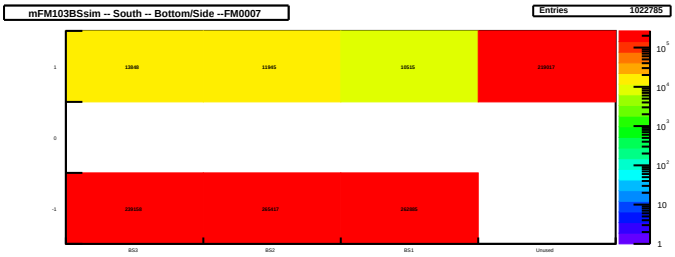

mFM103J -- South -- Top -- FM006
Entries 640000
Unused

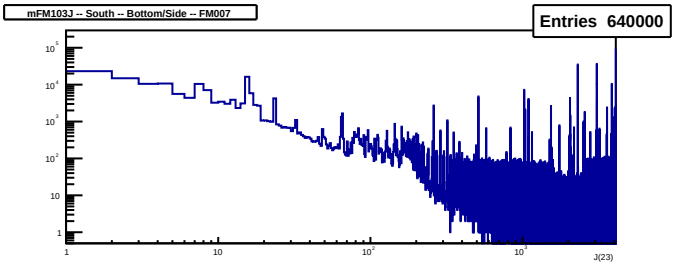

mFM103Jsim -- South -- Top -- FM006
Entries 365168
Unused

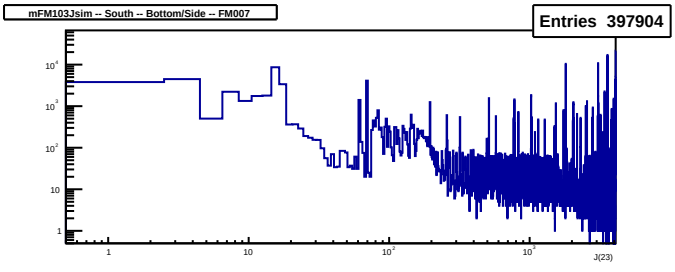

mFM103JP -- South -- Top -- FM006
Entries 1280000

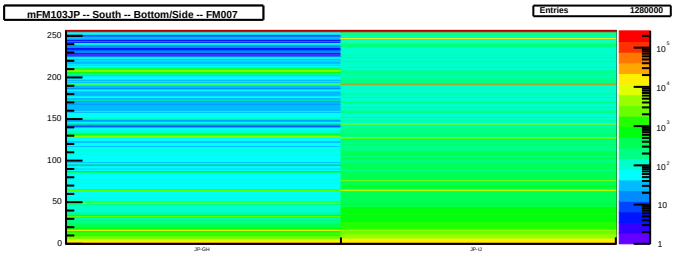

mFM103JPsim -- South -- Top -- FM006
Entries 607100

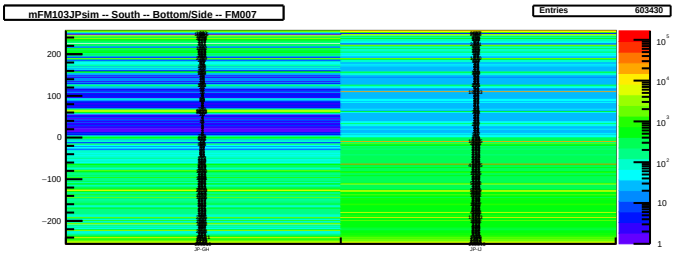

mFM103BS -- South -- Bottom/Side --FM007
Entries 2560000

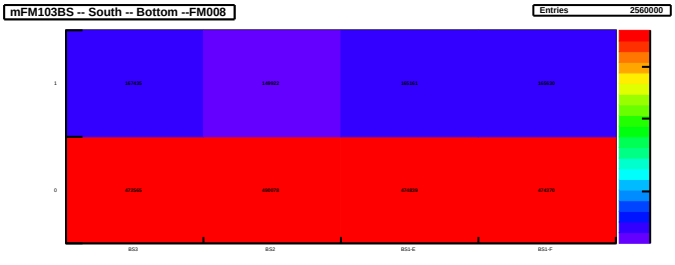

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 1022785

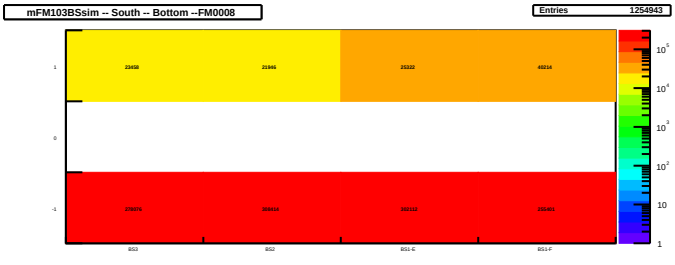

mFM103J -- South -- Bottom/Side -- FM007
Entries 640000
J(23)

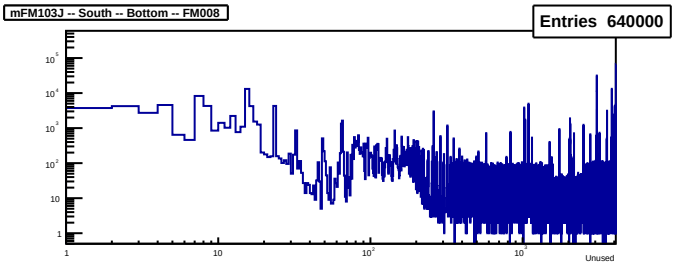

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 397904
J(23)

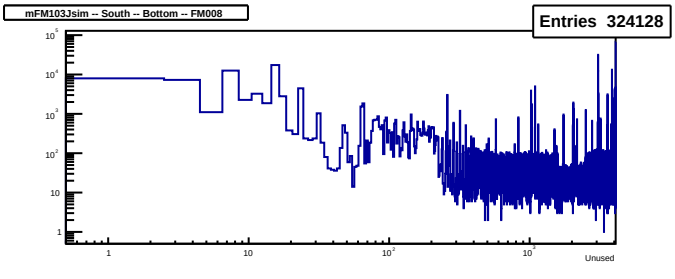

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1280000

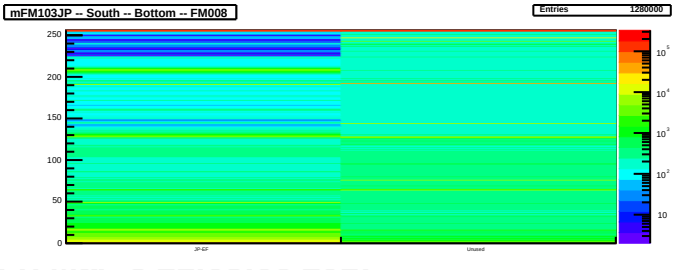

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 603430

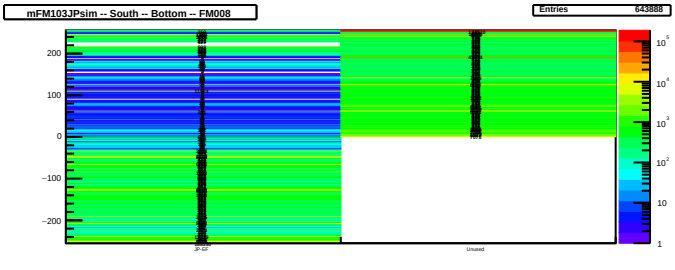

mFM103BS -- South -- Bottom --FM008
Entries 2560000

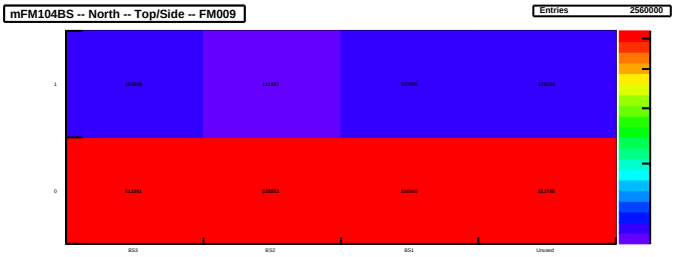

mFM103BSsim -- South -- Bottom --FM0008
Entries 1254943

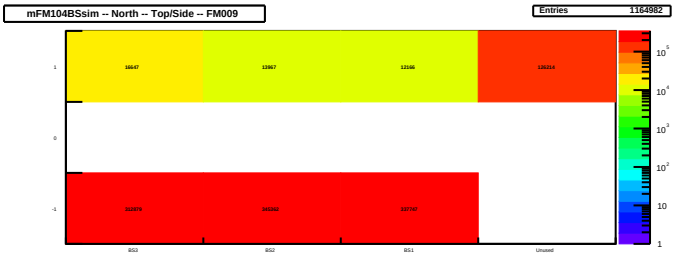

mFM103J -- South -- Bottom -- FM008
Entries 640000
Unused

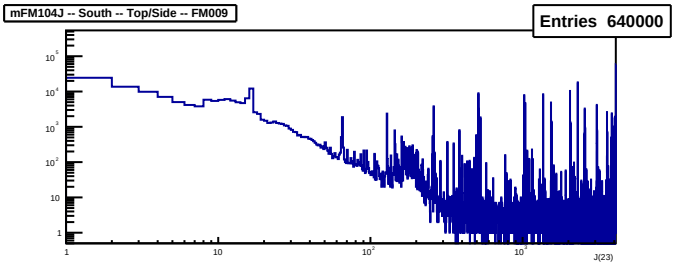

mFM103Jsim -- South -- Bottom -- FM008
Entries 324128
Unused

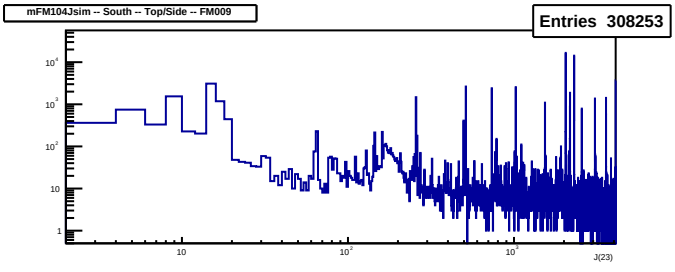

mFM103JP -- South -- Bottom -- FM008
Entries 1280000

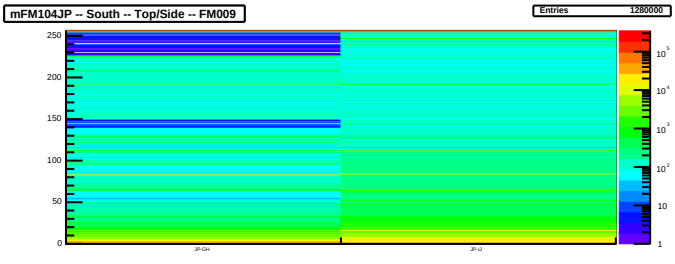

mFM103JPsim -- South -- Bottom -- FM008
Entries 643888

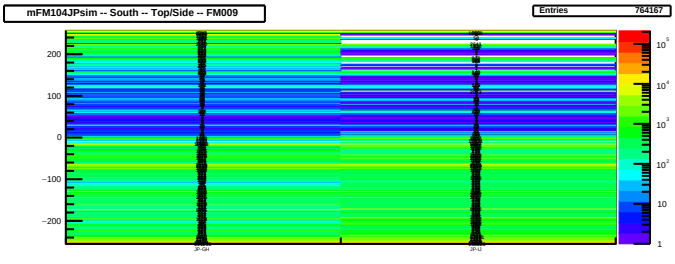

mFM104BS -- North -- Top/Side -- FM009
Entries 2560000

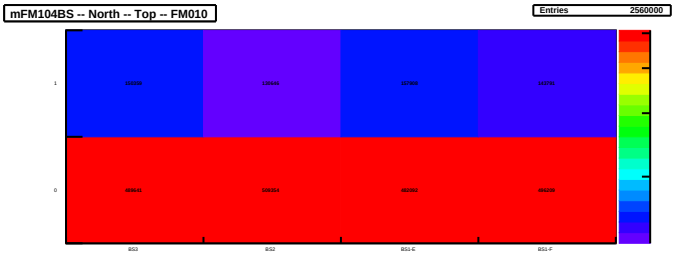

mFM104BSsim -- North -- Top/Side -- FM009
Entries 1164982

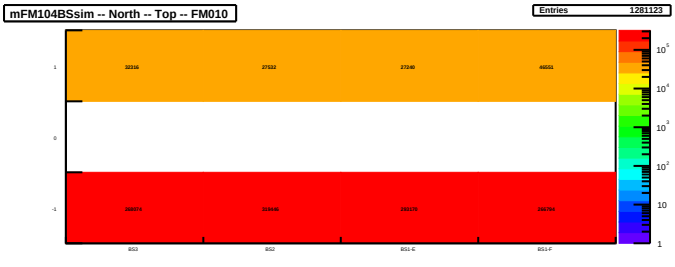

mFM104J -- South -- Top/Side -- FM009
Entries 640000
J(23)

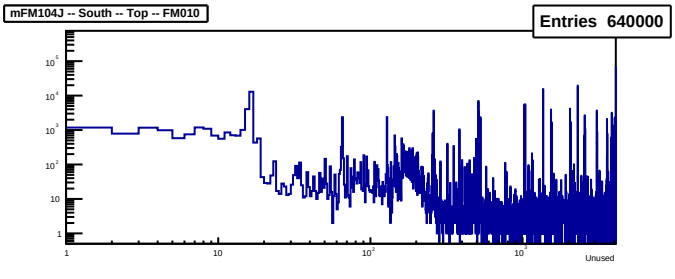

mFM104Jsim -- South -- Top/Side -- FM009
Entries 308253
J(23)

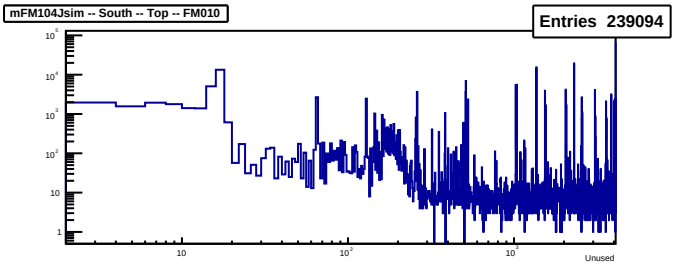

mFM104JP -- South -- Top/Side -- FM009
Entries 1280000

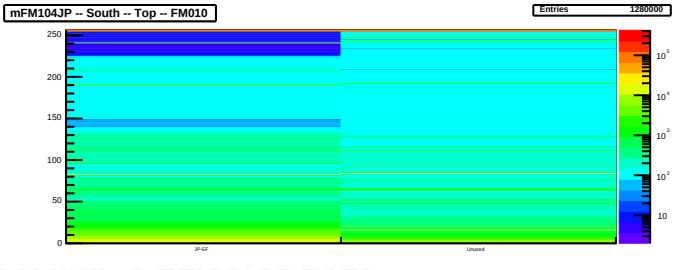

mFM104JPsim -- South -- Top/Side -- FM009
Entries 764167

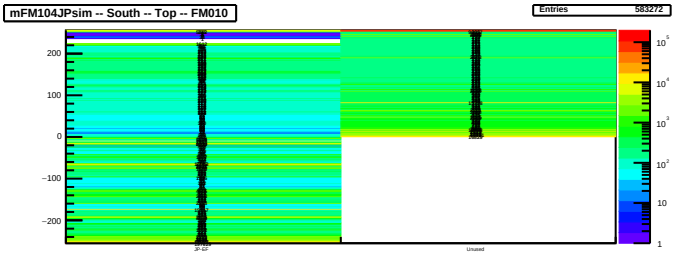

mFM104BS -- North -- Top -- FM010
Entries 2560000

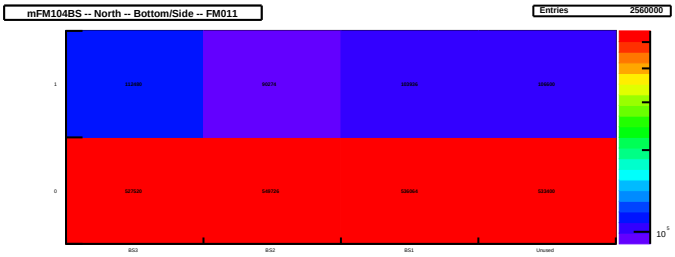

mFM104BSsim -- North -- Top -- FM010
Entries 1281123

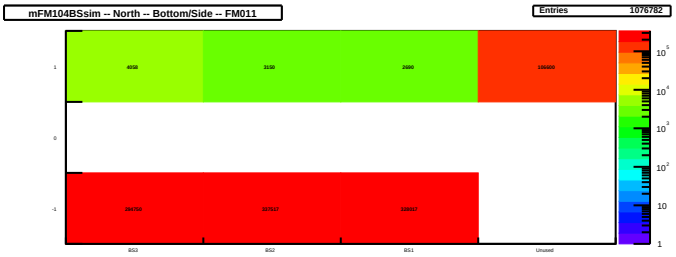

mFM104J -- South -- Top -- FM010
Entries 640000
Unused

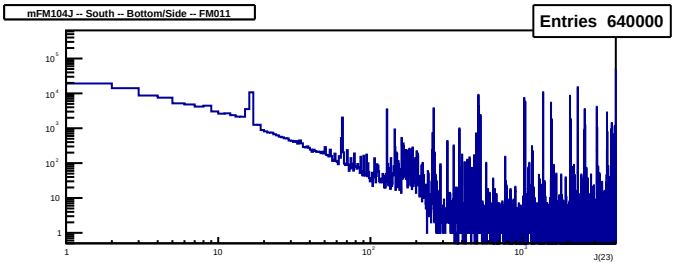

mFM104Jsim -- South -- Top -- FM010
Entries 239094
Unused

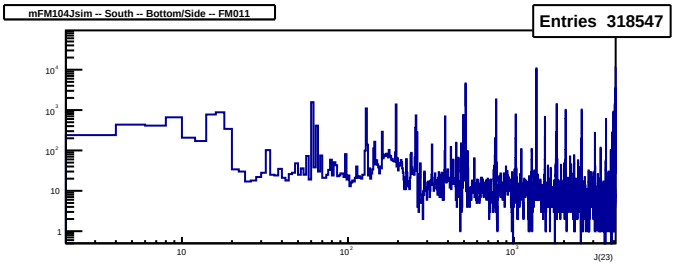

mFM104JP -- South -- Top -- FM010
Entries 1280000

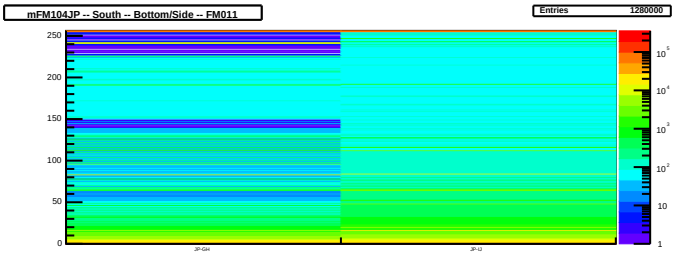

mFM104JPsim -- South -- Top -- FM010
Entries 583272

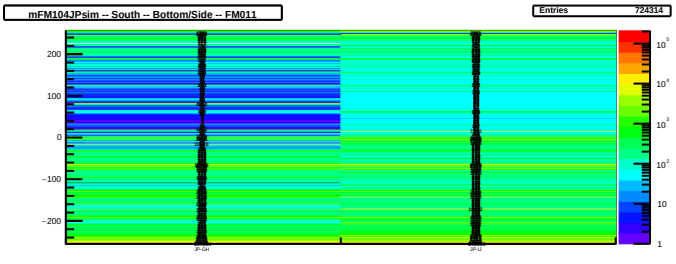

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2560000

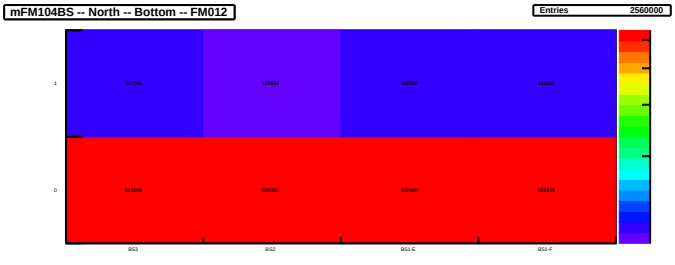

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1076782

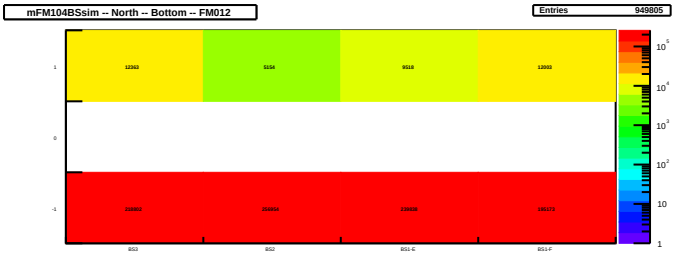

mFM104J -- South -- Bottom/Side -- FM011
Entries 640000
J(23)

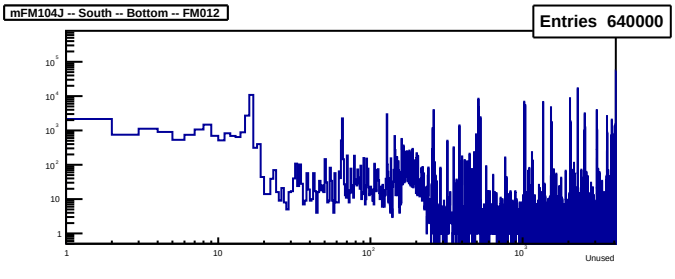

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 318547
J(23)

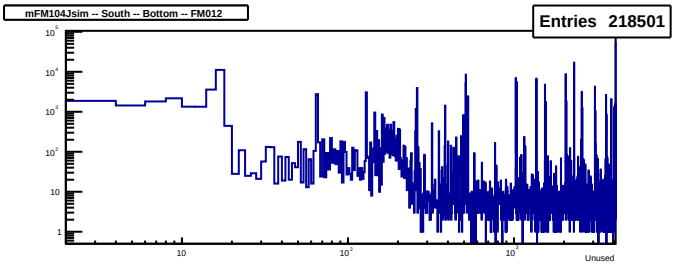

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1280000

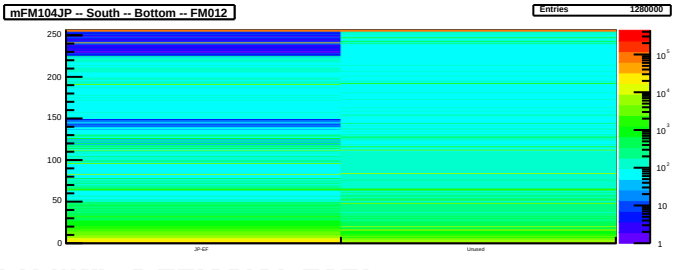

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 724314

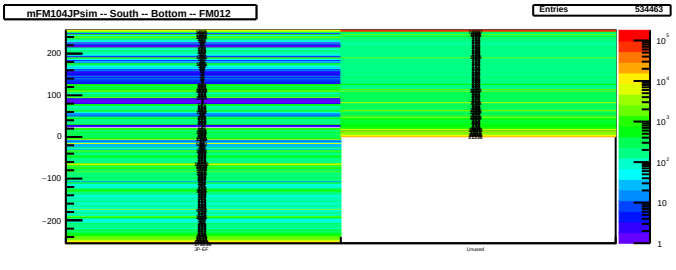

mFM104BS -- North -- Bottom -- FM012
Entries 2560000

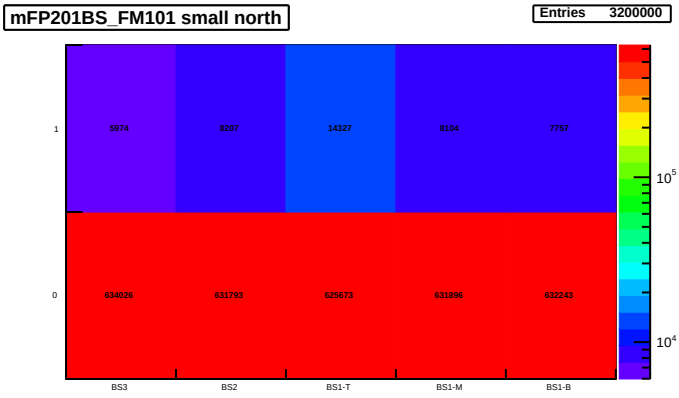

mFM104BSsim -- North -- Bottom -- FM012
Entries 949805

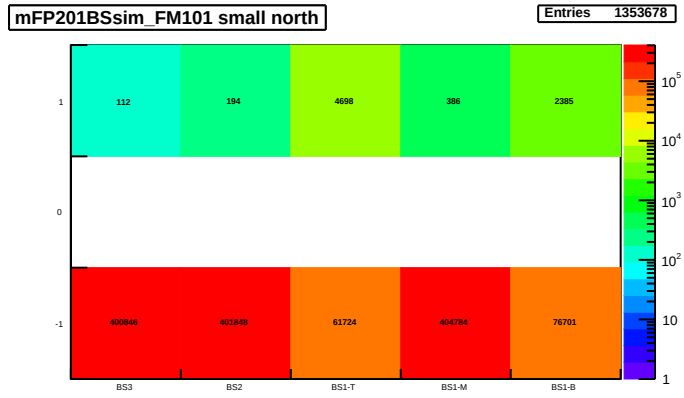

mFM104J -- South -- Bottom -- FM012
Entries 640000
Unused

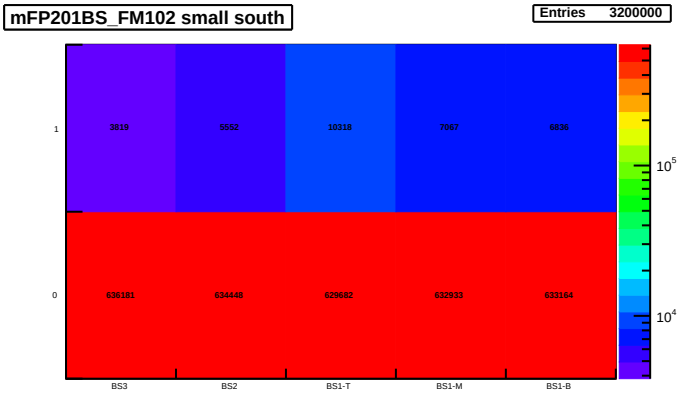

mFM104Jsim -- South -- Bottom -- FM012
Entries 218501
Unused

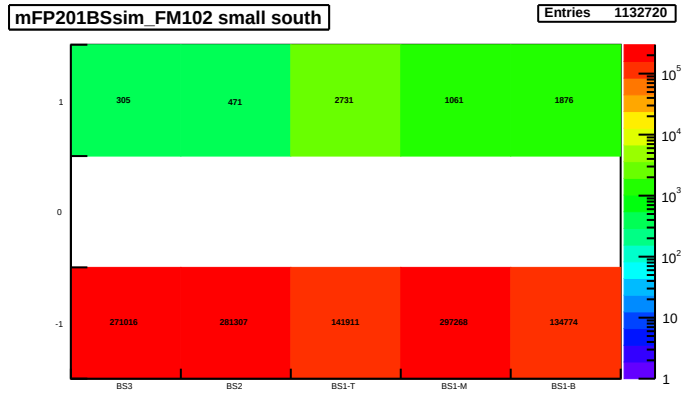

mFM104JP -- South -- Bottom -- FM012
Entries 1280000

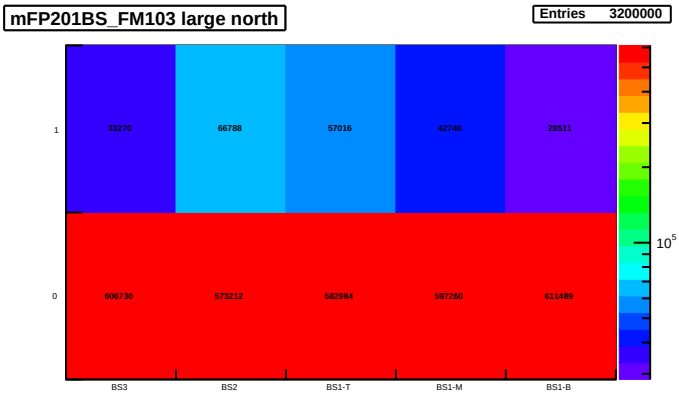

mFM104JPsim -- South -- Bottom -- FM012
Entries 534463

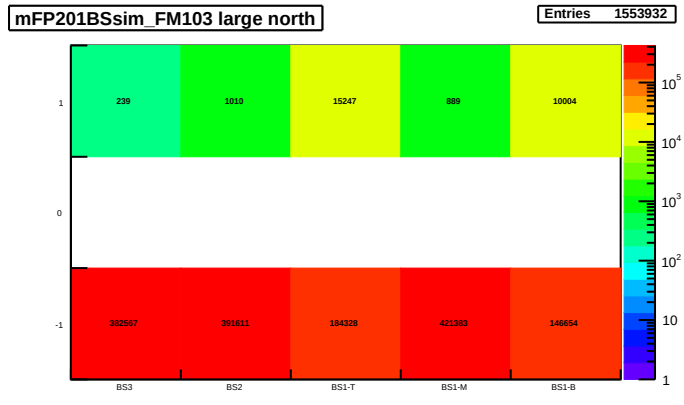

mFP201BS_FM101 small north
Entries 3200000
5974
8207
14327
8104
7757
634026
631793
625673
631896
632243
BS3
BS2
BS1-T
BS1-M
BS1-B

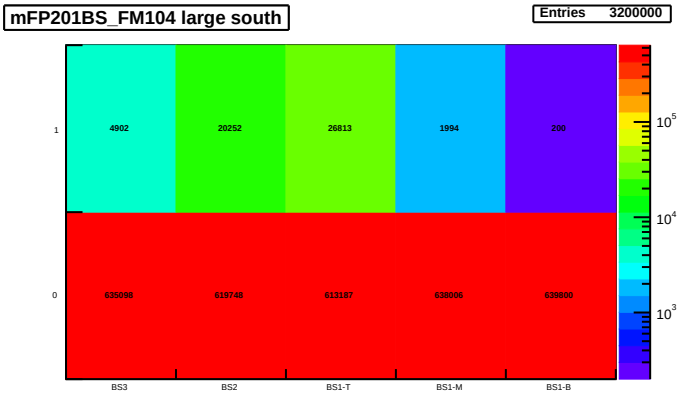

mFP201BSsim_FM101 small north
Entries 1353678
112
194
4698
386
2385
400846
401848
61724
404784
76701
BS3
BS2
BS1-T
BS1-M
BS1-B

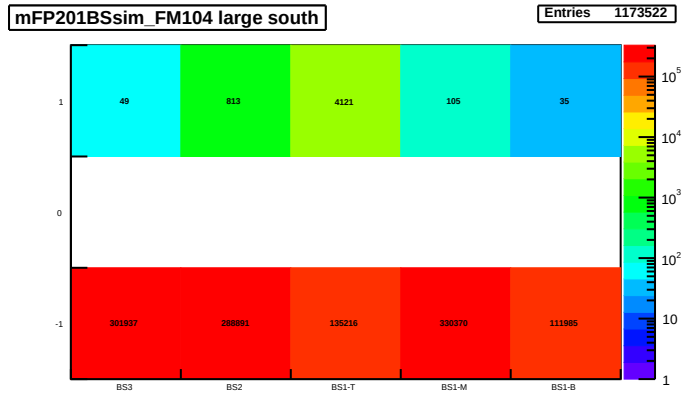

mFP201BS_FM102 small south
Entries 3200000
3819
5552
10318
7067
6836
636181
634448
629682
632933
633164
BS3
BS2
BS1-T
BS1-M
BS1-B

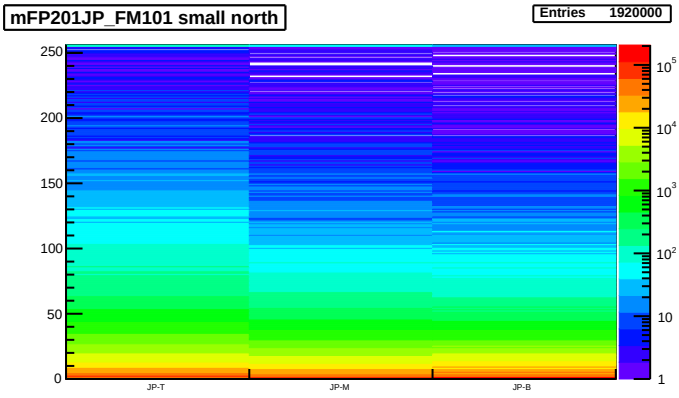

mFP201BSsim_FM102 small south
Entries 1132720
305
471
2731
1061
1876
271016
281307
141911
297268
134774
BS3
BS2
BS1-T
BS1-M
BS1-B

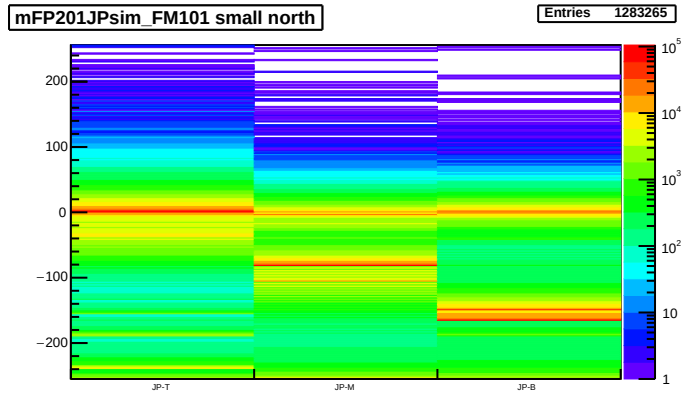

mFP201BS_FM103 large north
Entries 3200000
33270
66788
57016
42740
28511
606730
573212
582984
597260
611489
BS3
BS2
BS1-T
BS1-M
BS1-B

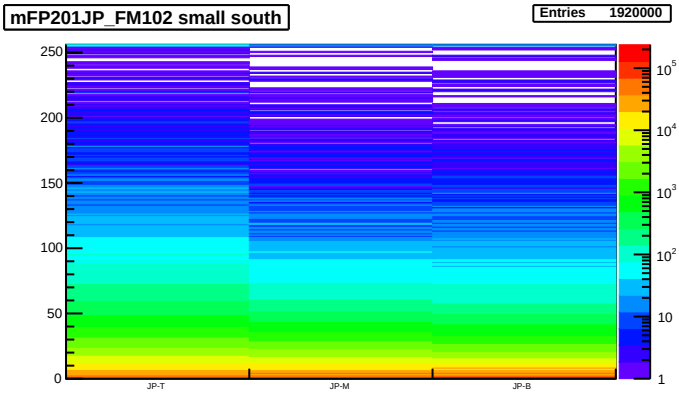

mFP201BSsim_FM103 large north
Entries 1553932
239
1010
15247
889
10004
382567
391611
184328
421383
146654
BS3
BS2
BS1-T
BS1-M
BS1-B

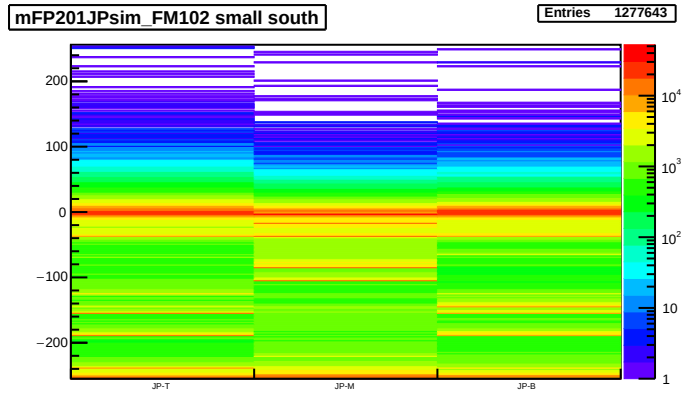

mFP201BS_FM104 large south
Entries 3200000
4902
20252
26813
1994
200
635098
619748
613187
638006
639800
BS3
BS2
BS1-T
BS1-M
BS1-B

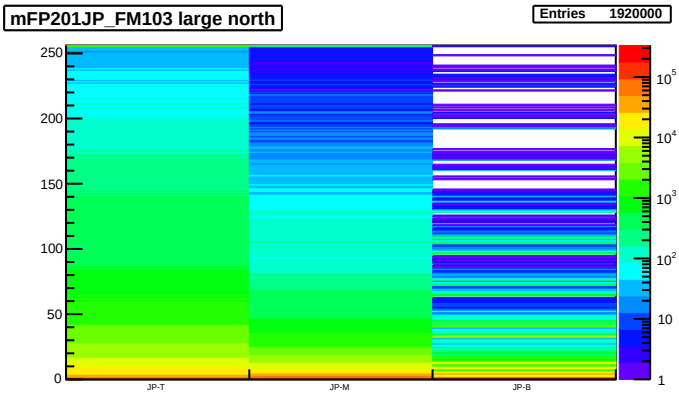

mFP201BSsim_FM104 large south
Entries 1173522
49
813
4121
105
35
301937
288891
135216
330370
111985
BS3
BS2
BS1-T
BS1-M
BS1-B

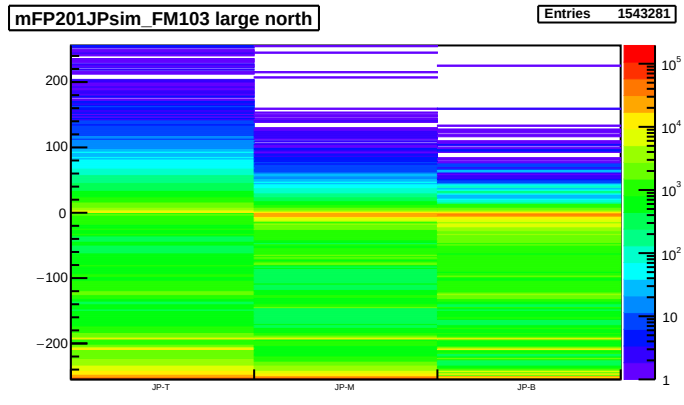

mFP201JP_FM101 small north
Entries 1920000
JP-T
JP-M
JP-B

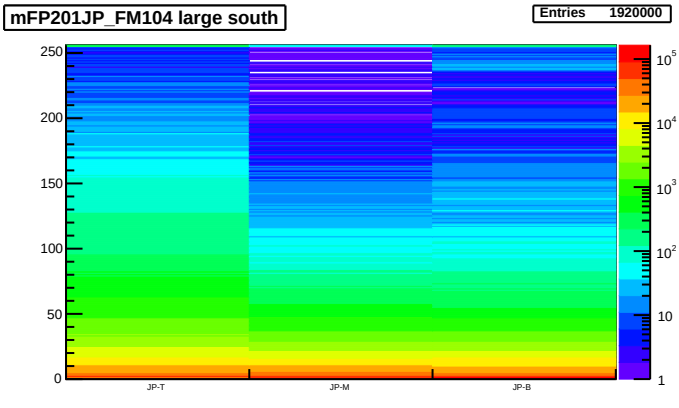

mFP201JPsim_FM101 small north
Entries 1283265
JP-T
JP-M
JP-B

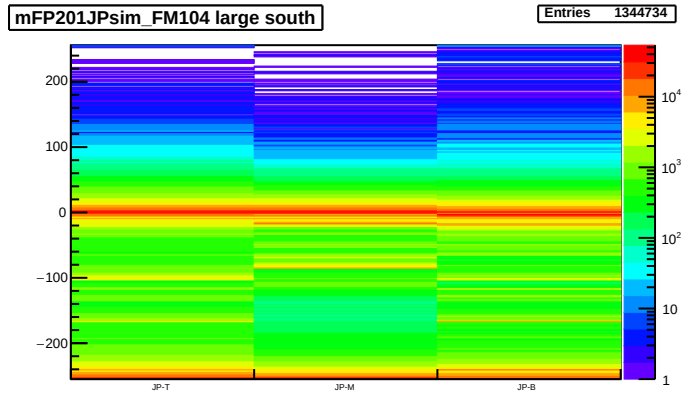

mFP201JP_FM102 small south
Entries 1920000
JP-T
JP-M
JP-B

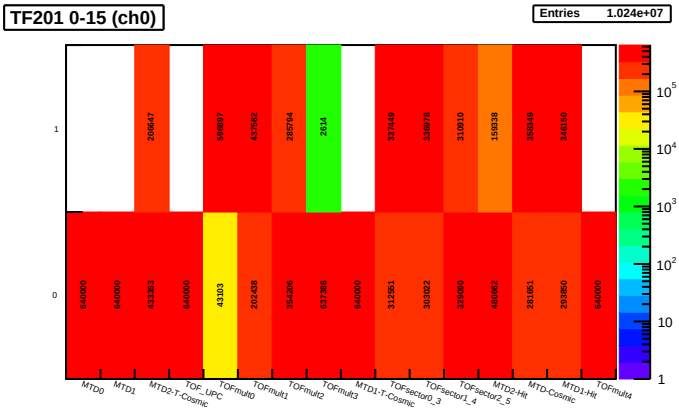

mFP201JPsim_FM102 small south
Entries 1277643
JP-T
JP-M
JP-B

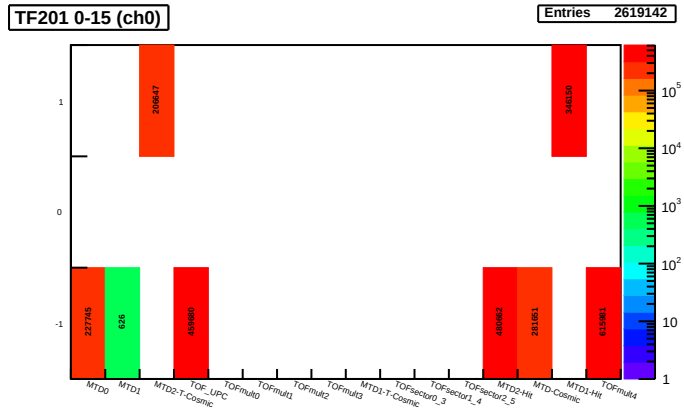

mFP201JP_FM103 large north
Entries 1920000
JP-T
JP-M
JP-B

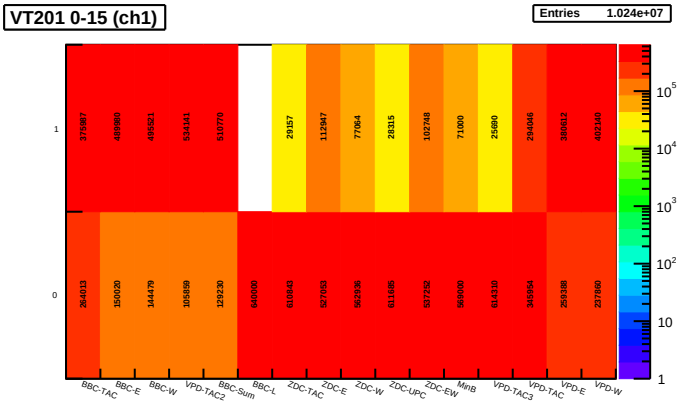

mFP201JPsim_FM103 large north
Entries 1543281
JP-T
JP-M
JP-B

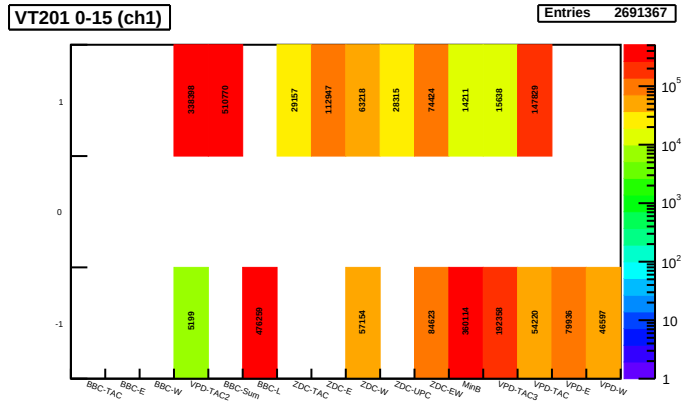

mFP201JP_FM104 large south
Entries 1920000
JP-T
JP-M
JP-B

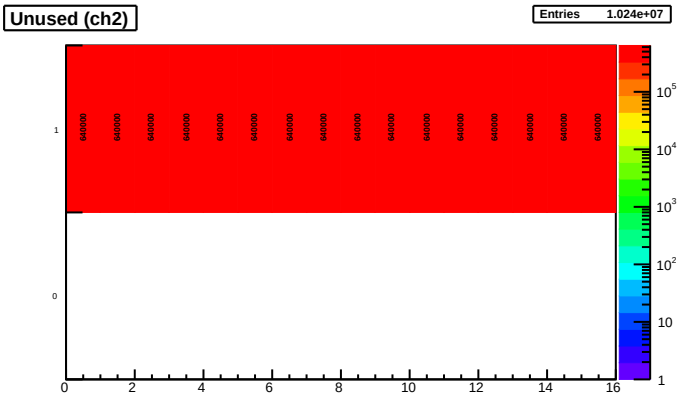

mFP201JPsim_FM104 large south
Entries 1344734
JP-T
JP-M
JP-B

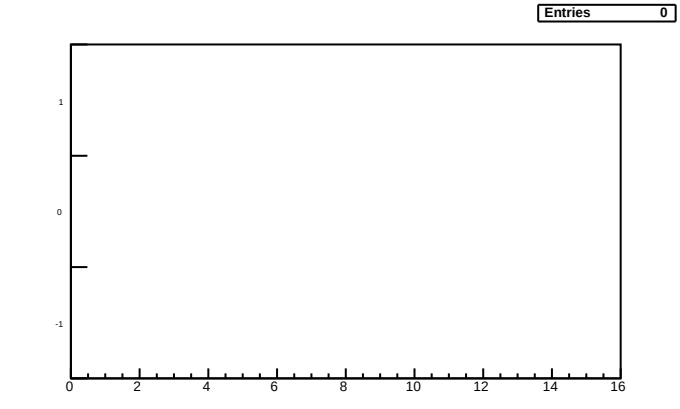

TF201 0-15 (ch0)
Entries 1.024e+07
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

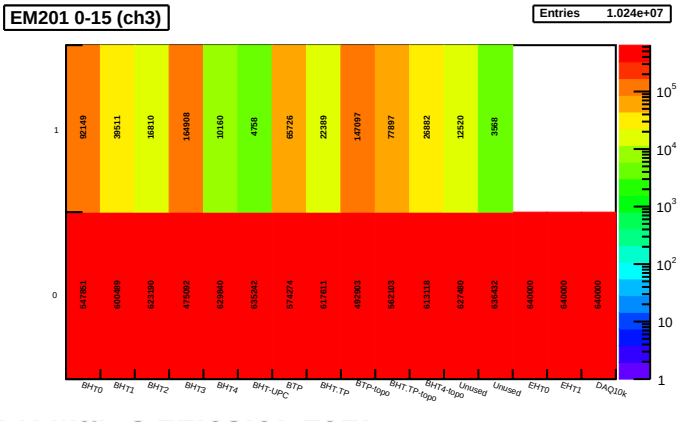

TF201 0-15 (ch0)
Entries 2619142
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

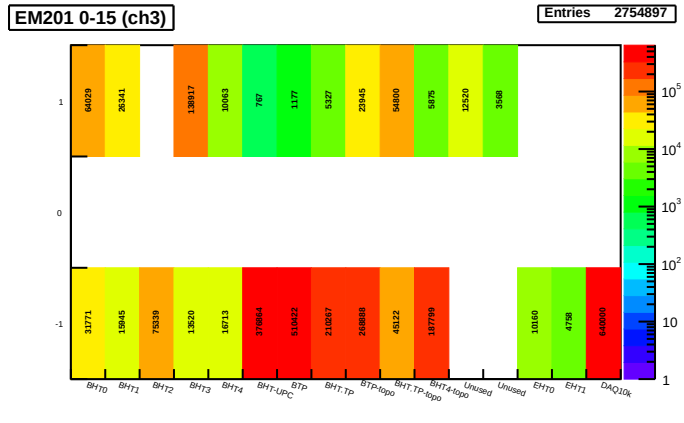

VT201 0-15 (ch1)
Entries 1.024e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 2691367
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

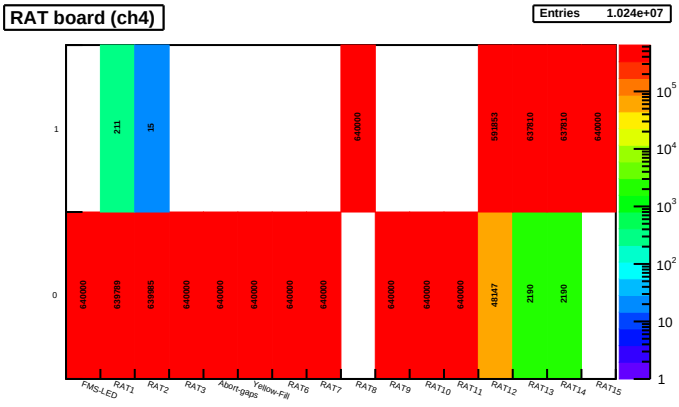

Unused (ch2)
Entries 1.024e+07

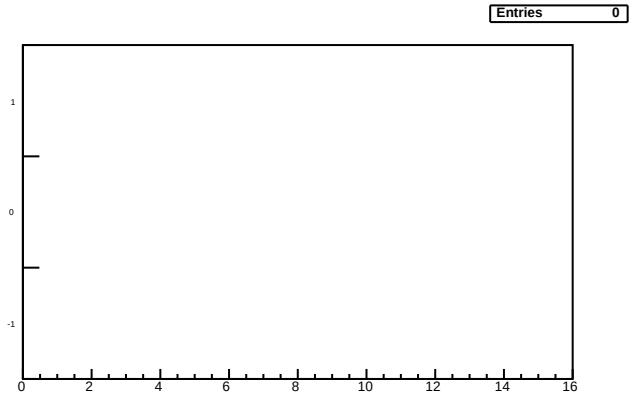

Entries 0


EM201 0-15 (ch3)
Entries 1.024e+07
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

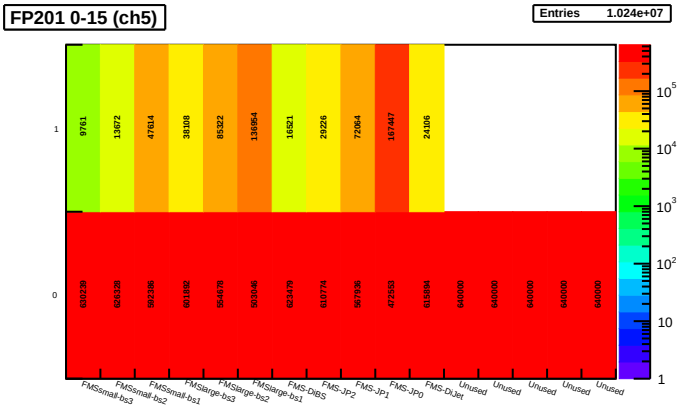

EM201 0-15 (ch3)
Entries 2754897
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

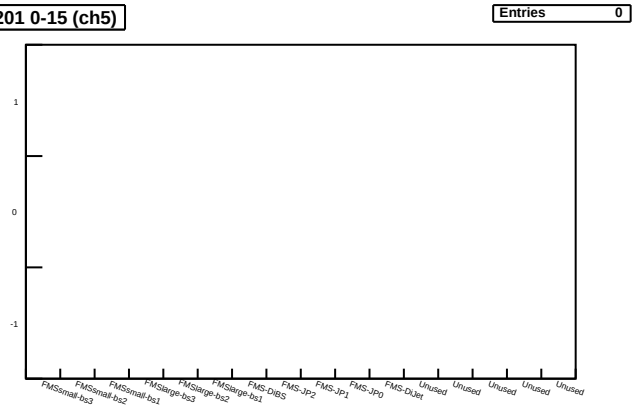




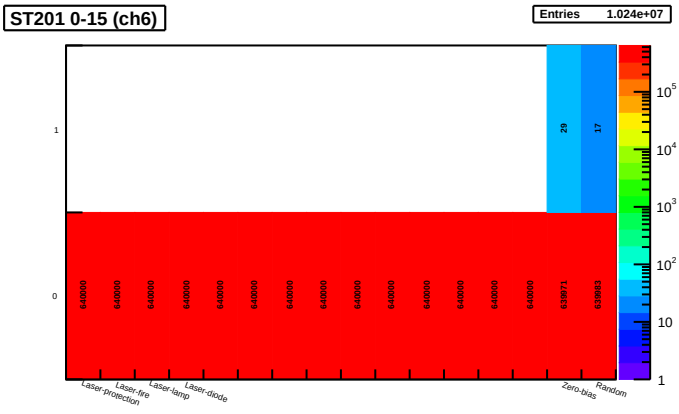
FP201 0-15 (ch5)

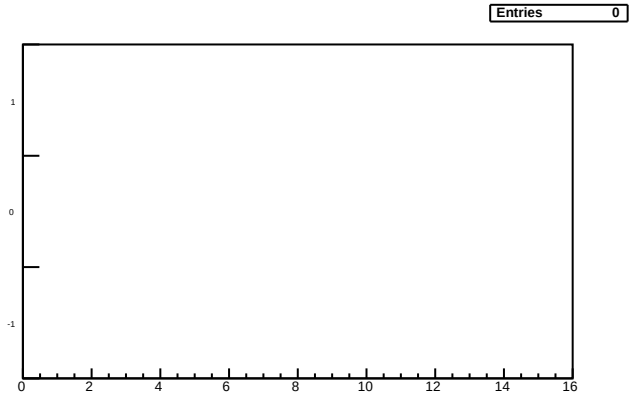
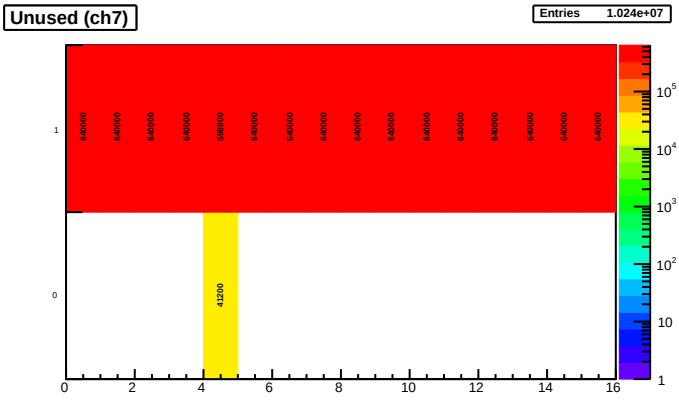
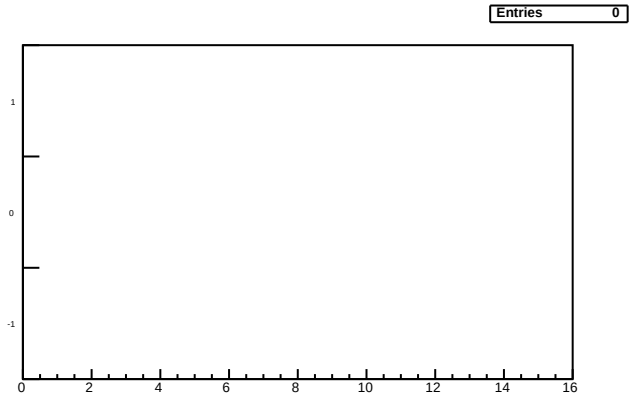


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)