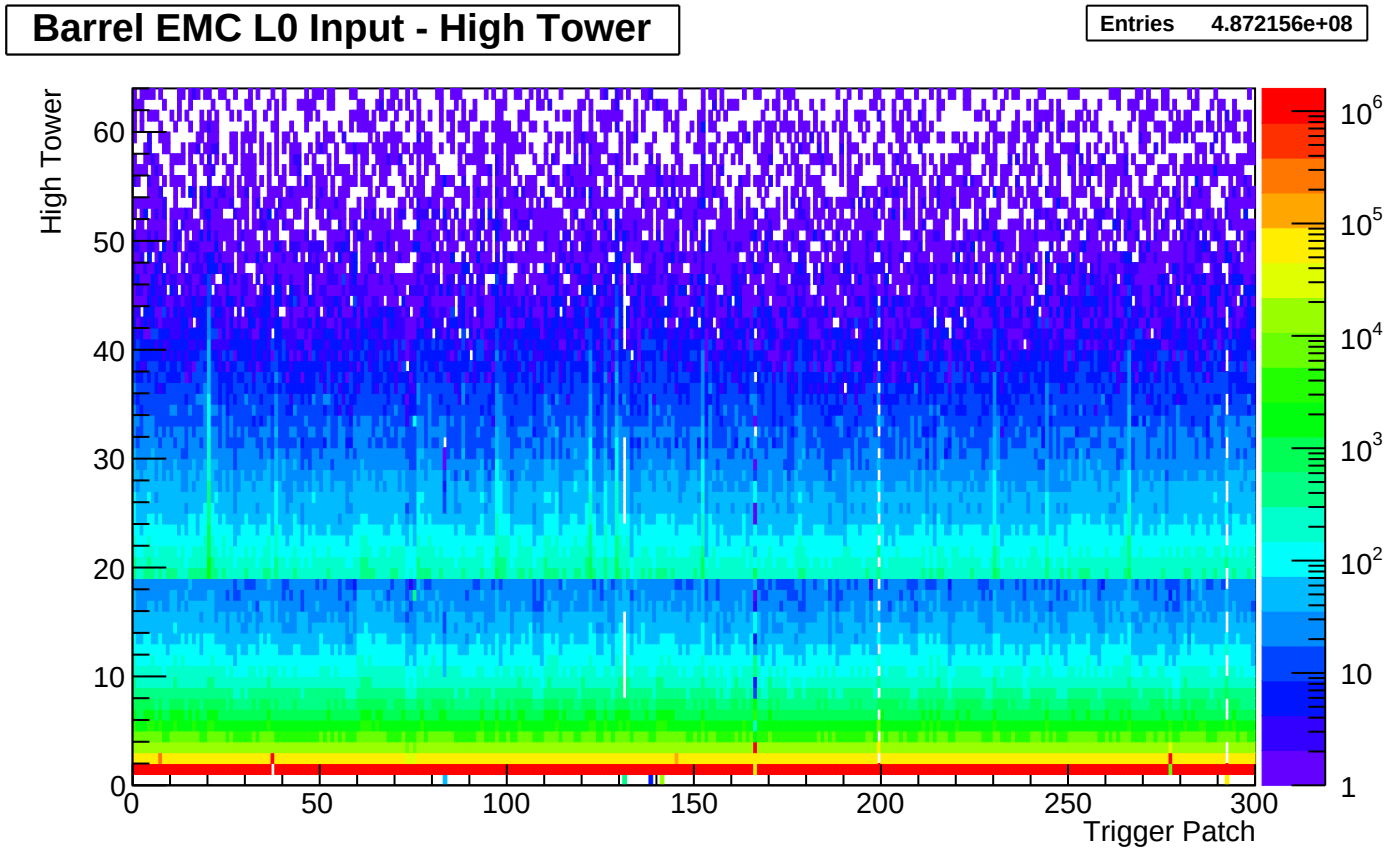
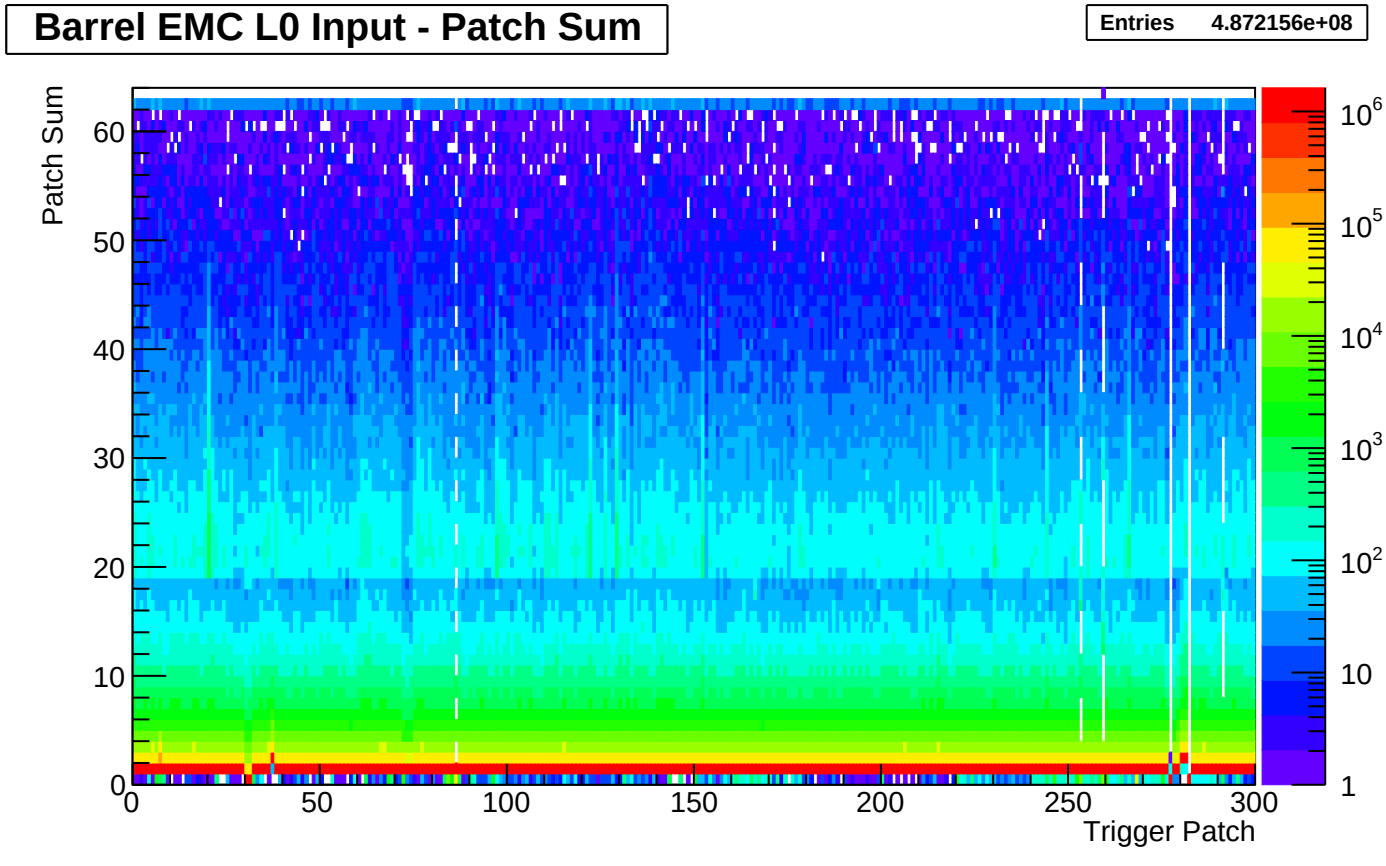
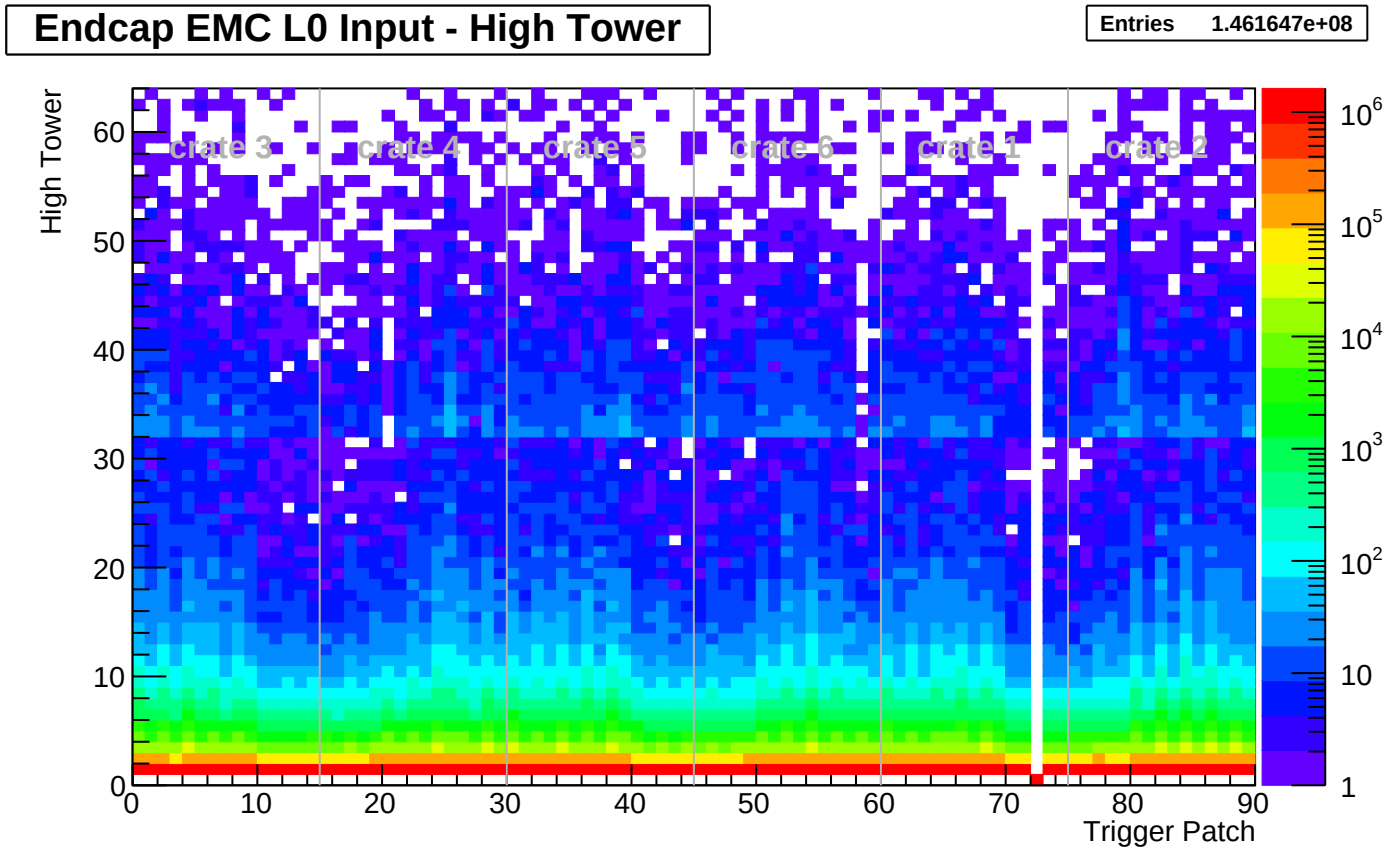
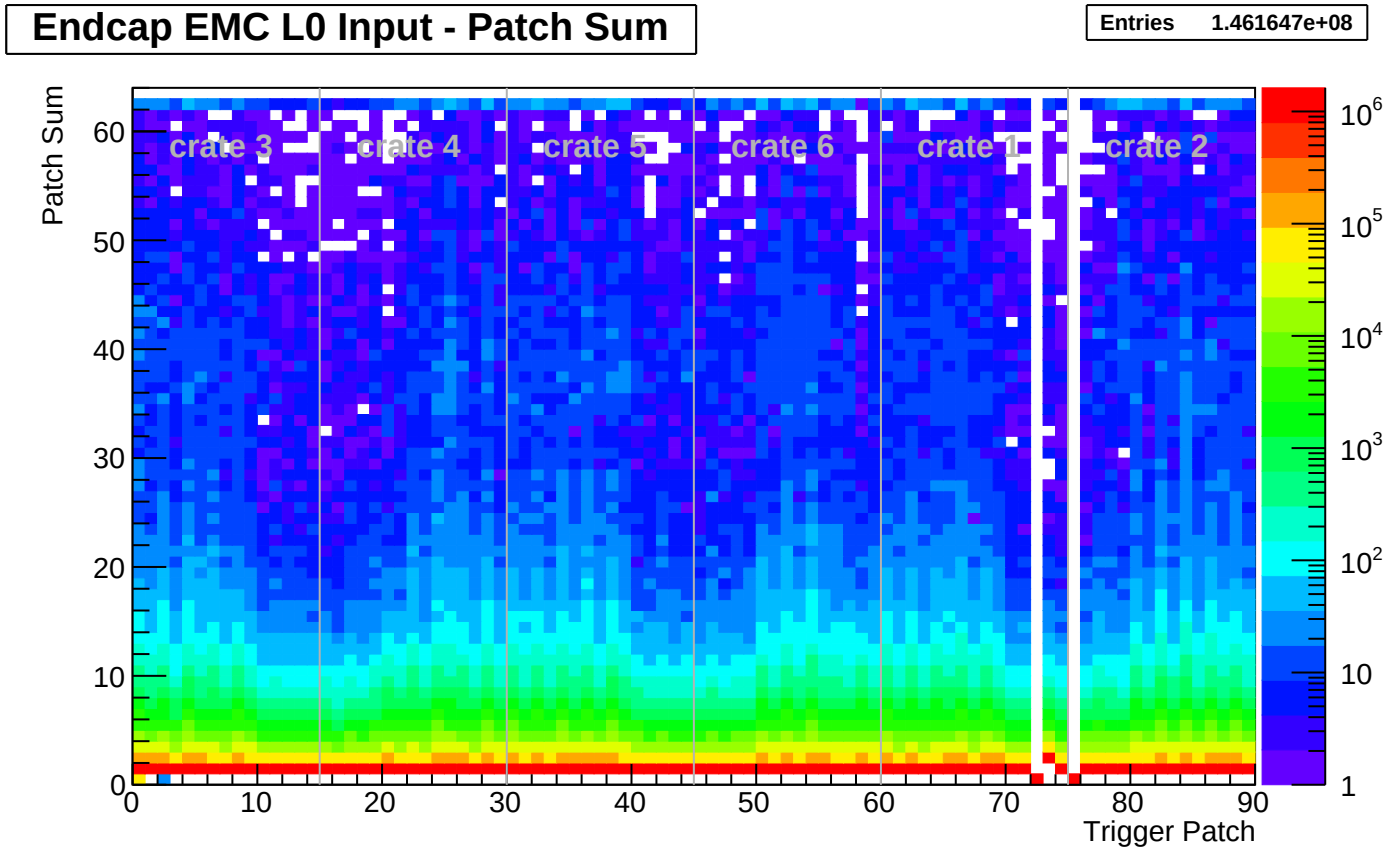
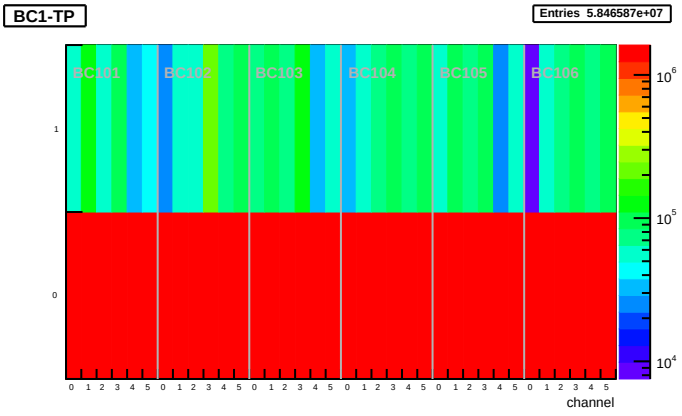
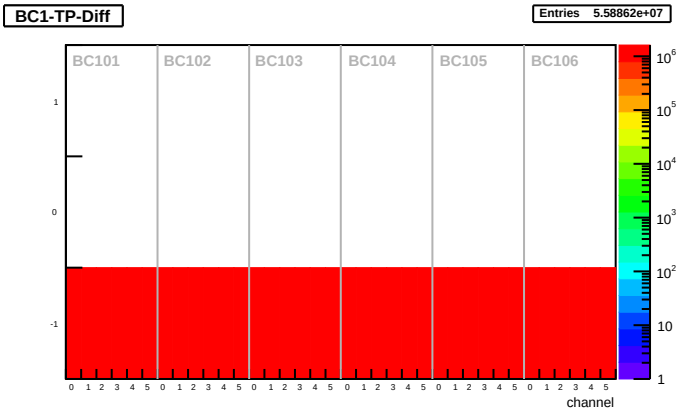

Barrel EMC L0 Input - High Tower
Entries 4.872156e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

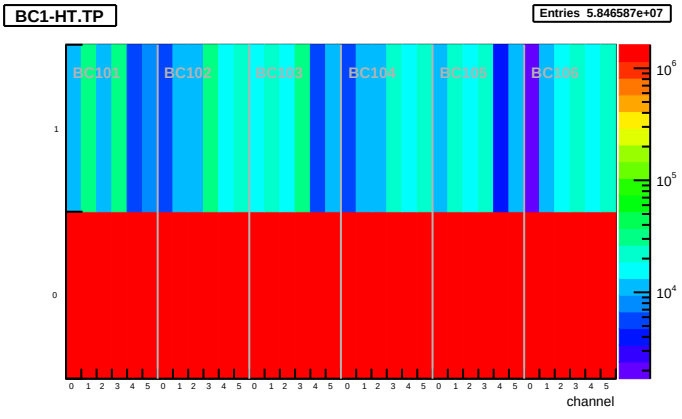

Barrel EMC L0 Input - Patch Sum
Entries 4.872156e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

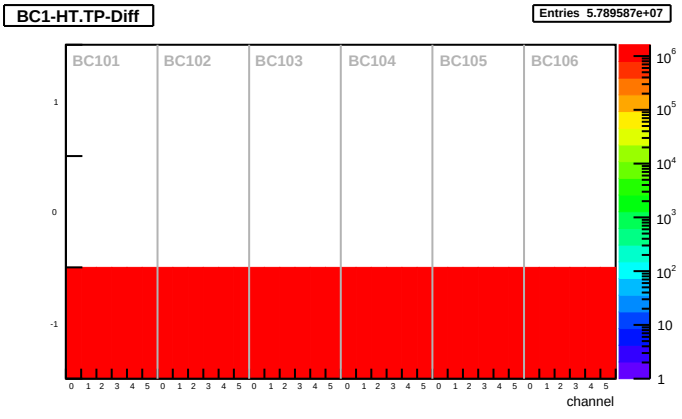

Endcap EMC L0 Input - High Tower
Entries 1.461647e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

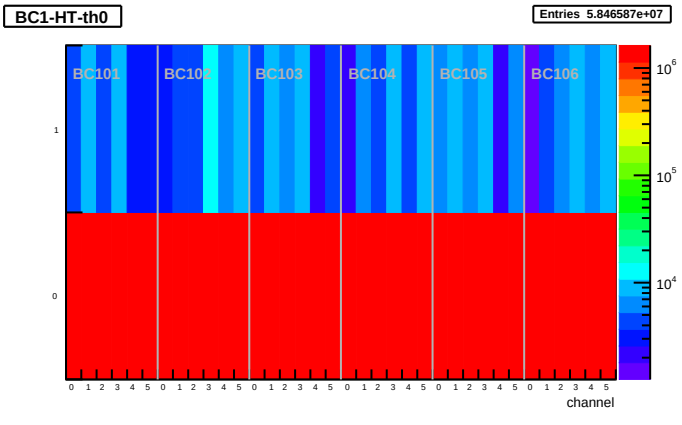

Endcap EMC L0 Input - Patch Sum
Entries 1.461647e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

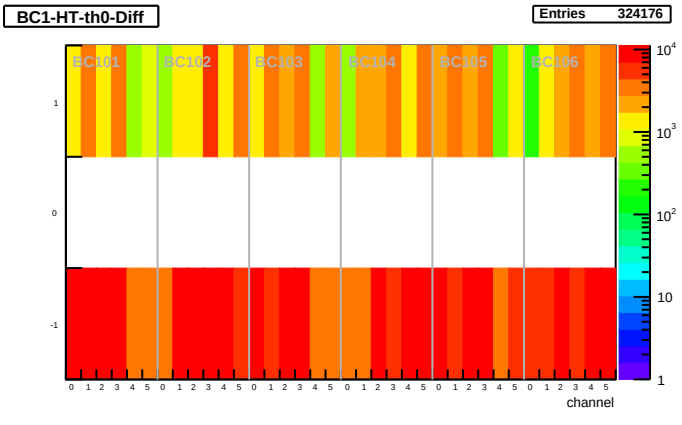

BC1-TP
Entries 5.846587e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

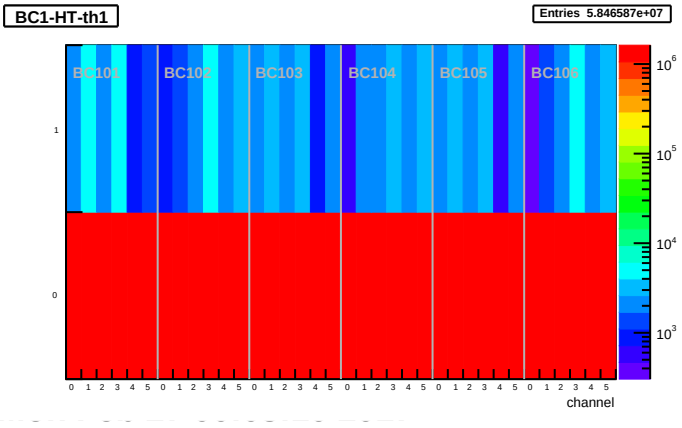

BC1-TP-Diff
Entries 5.58862e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

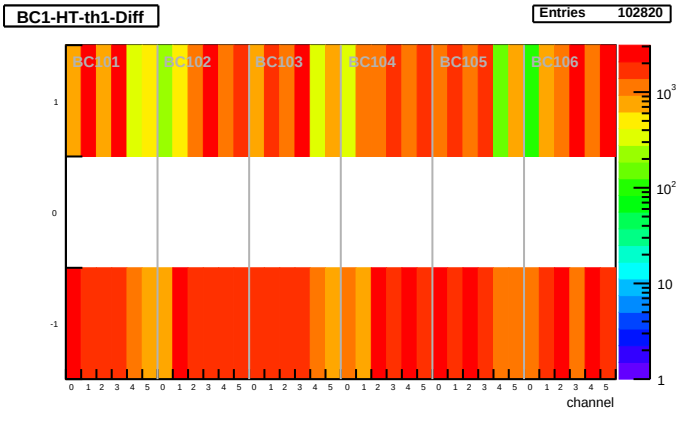

BC1-HT.TP
Entries 5.846587e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

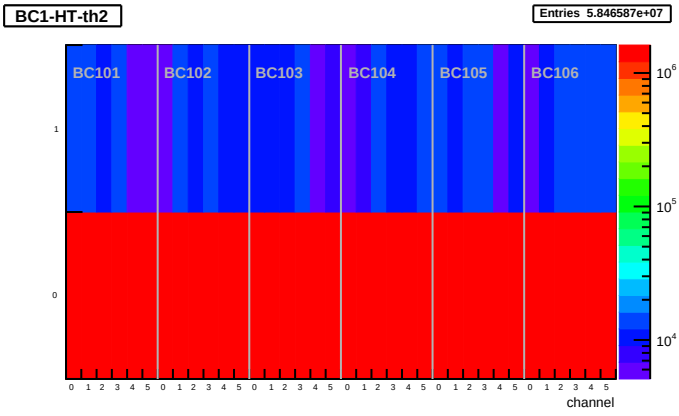

BC1-HT.TP-Diff
Entries 5.789587e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

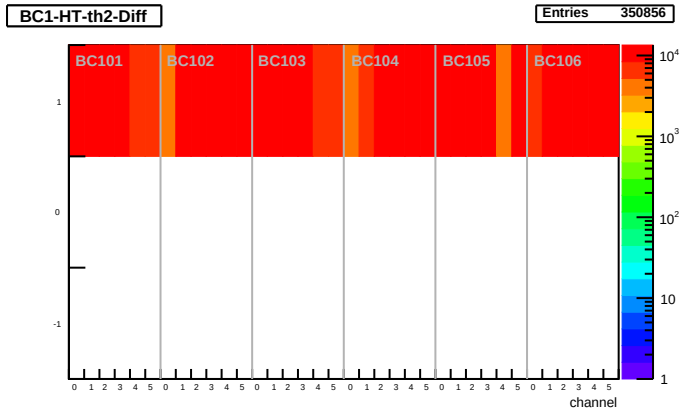

BC1-HT-th0
Entries 5.846587e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

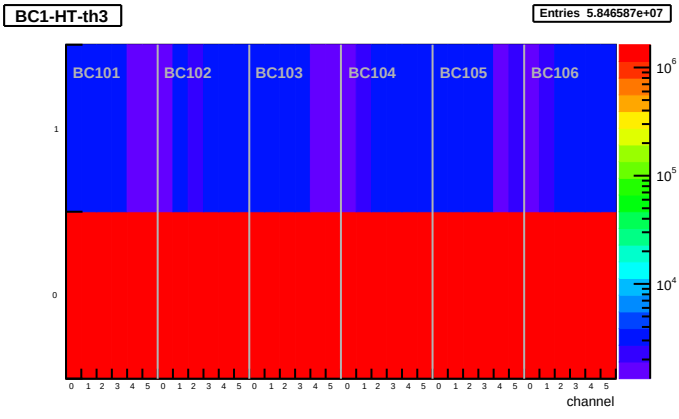

BC1-HT-th0-Diff
Entries 324176
BC101
BC102
BC103
BC104
BC105
BC106
channel

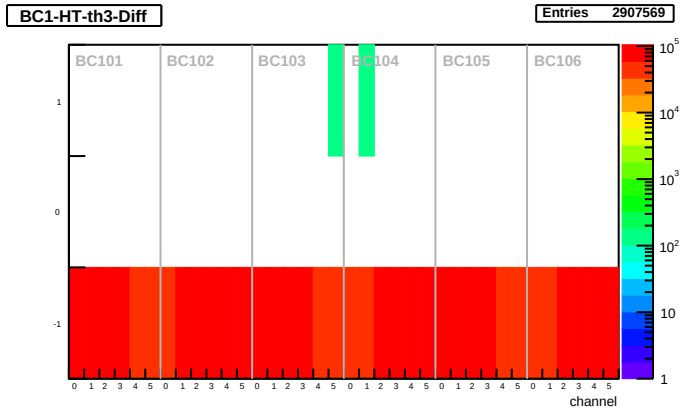

BC1-HT-th1
Entries 5.846587e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

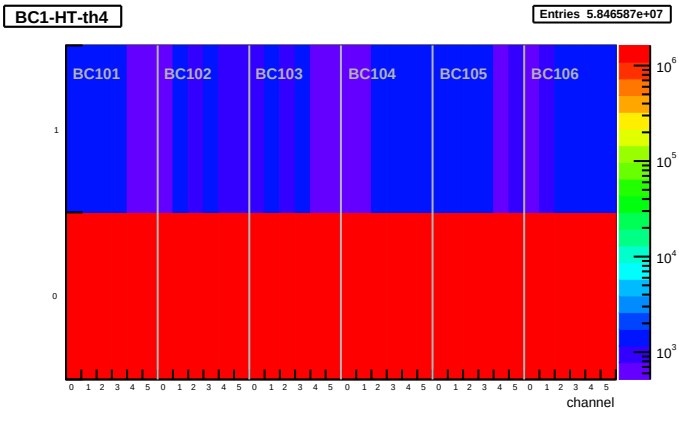

BC1-HT-th1-Diff
Entries 102820
BC101
BC102
BC103
BC104
BC105
BC106
channel

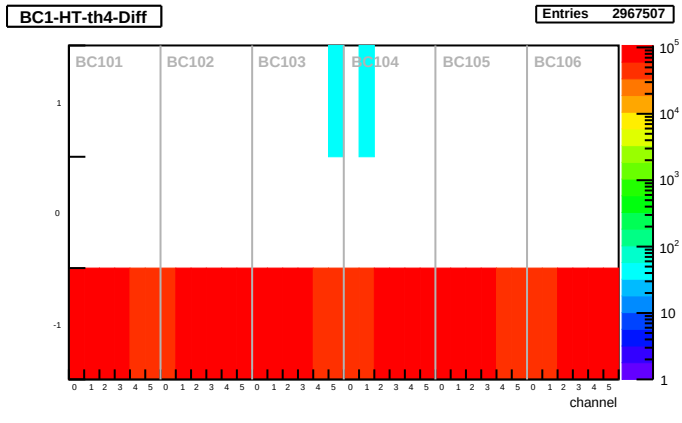

BC1-HT-th2
Entries 5.846587e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

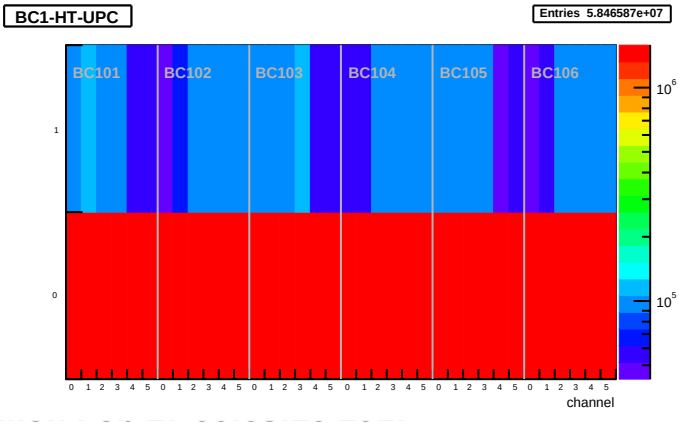

BC1-HT-th2-Diff
Entries 350856
BC101
BC102
BC103
BC104
BC105
BC106
channel

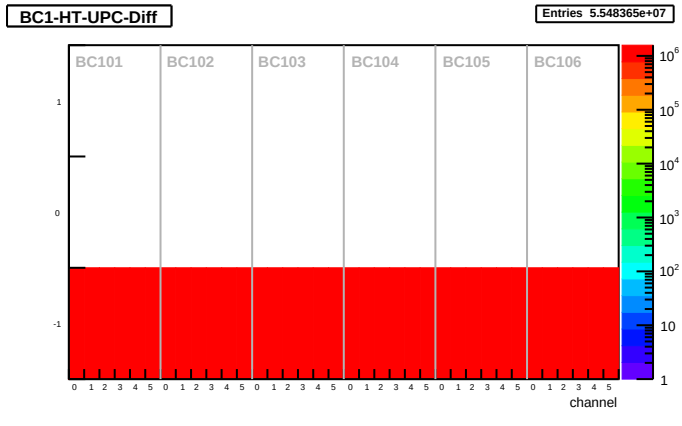

BC1-HT-th3
Entries 5.846587e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

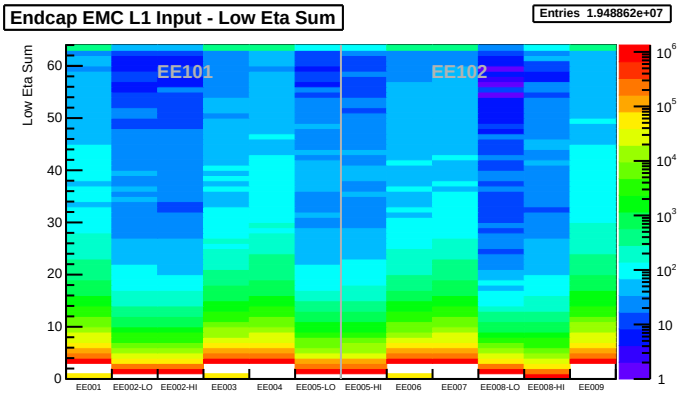

BC1-HT-th3-Diff
Entries 2907569
BC101
BC102
BC103
BC104
BC105
BC106
channel

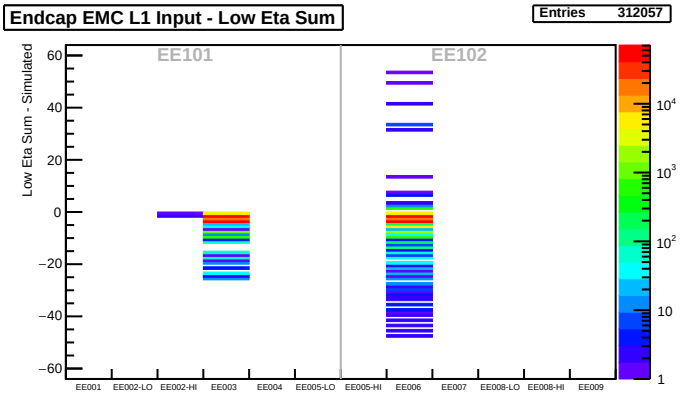

BC1-HT-th4
Entries 5.846587e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

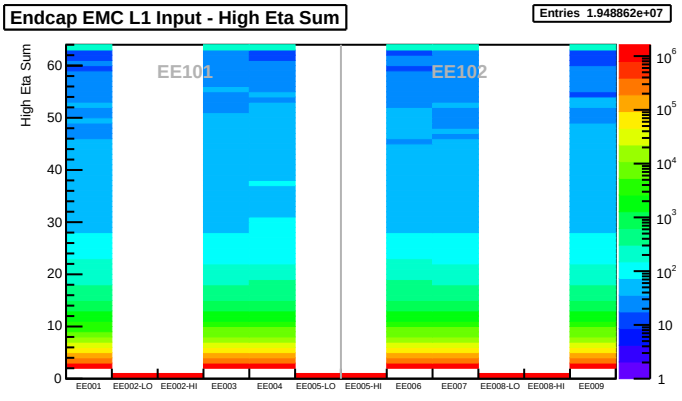

BC1-HT-th4-Diff
Entries 2967507
BC101
BC102
BC103
BC104
BC105
BC106
channel

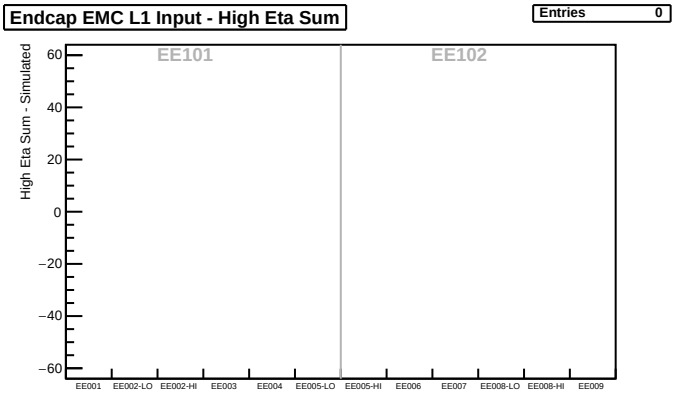

BC1-HT-UPC
Entries 5.846587e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

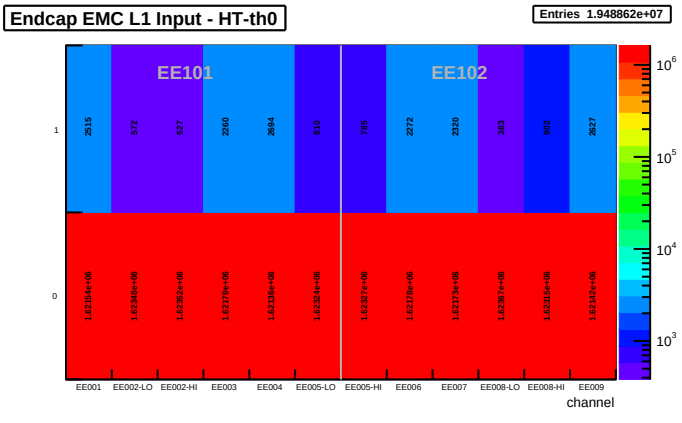

BC1-HT-UPC-Diff
Entries 5.548365e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

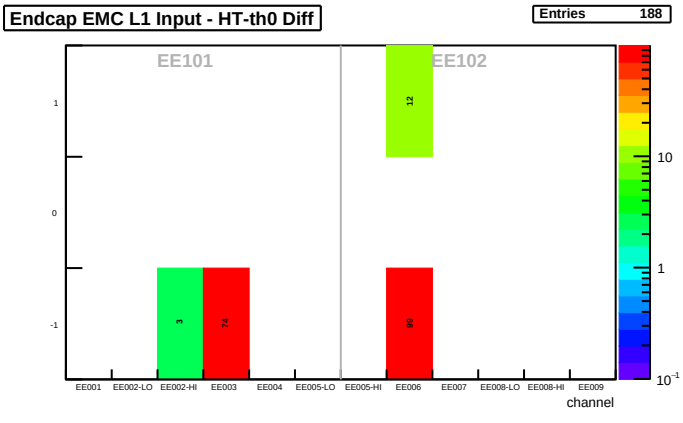

Endcap EMC L1 Input - Low Eta Sum
Entries 1.948862e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

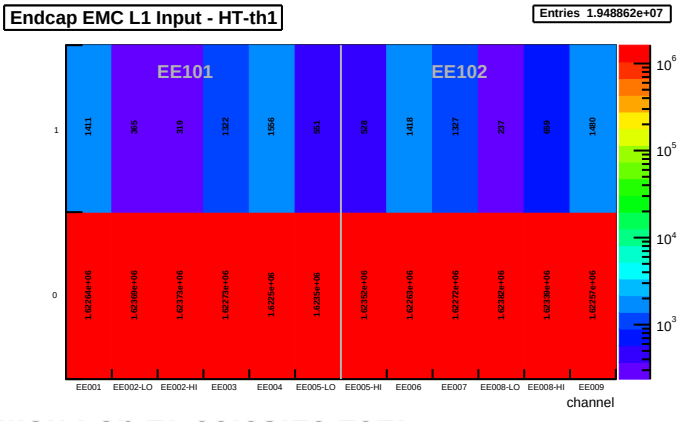

Endcap EMC L1 Input - Low Eta Sum
Entries 312057
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

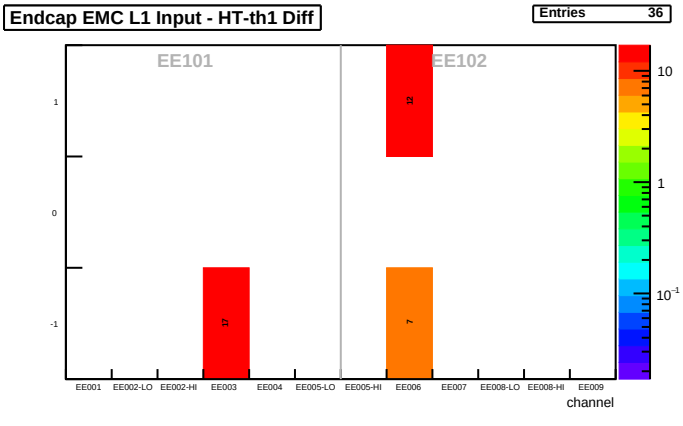

Endcap EMC L1 Input - High Eta Sum
Entries 1.948862e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

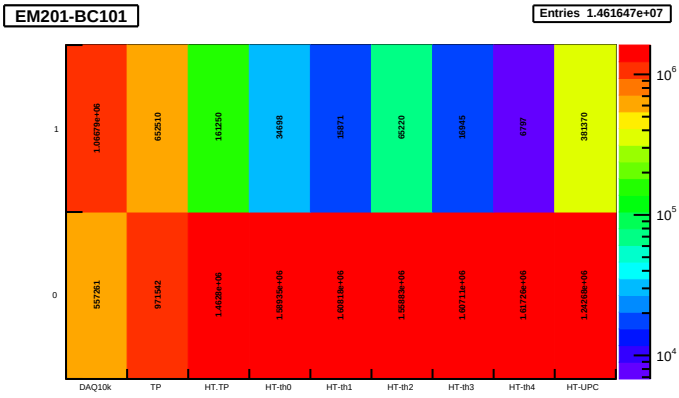

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

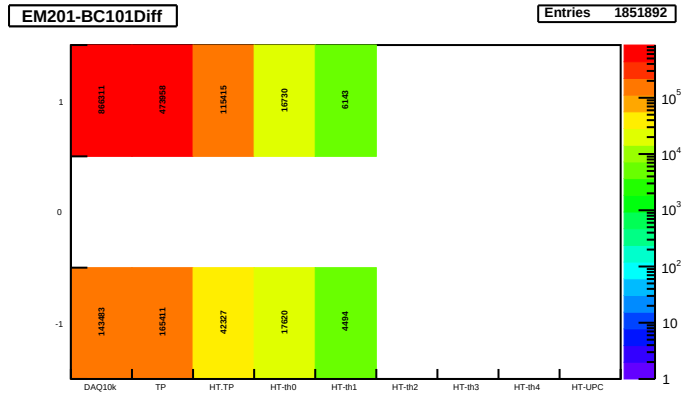

Endcap EMC L1 Input - HT-th0
Entries 1.948862e+07
EE101
EE102
2515 572 527 2260 2694 810 735 2272 2320 383 902 2627
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

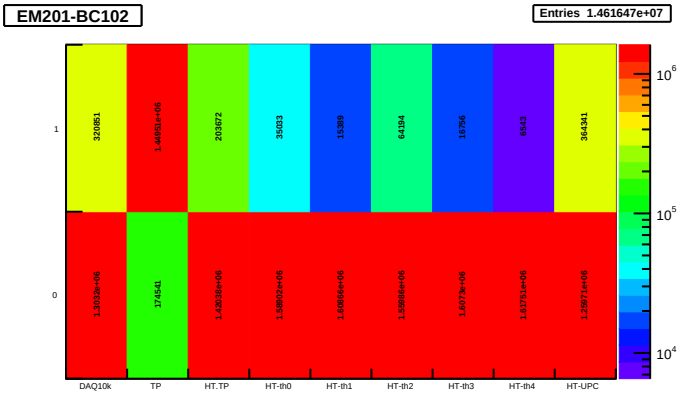

Endcap EMC L1 Input - HT-th0 Diff
Entries 188
EE101
EE102
12
3 74 99
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

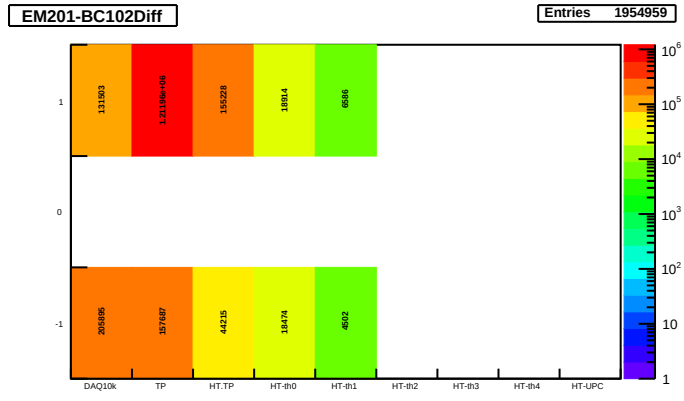

Endcap EMC L1 Input - HT-th1
Entries 1.948862e+07
EE101
EE102
1411 365 310 1322 1556 551 528 1418 1327 237 659 1480
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

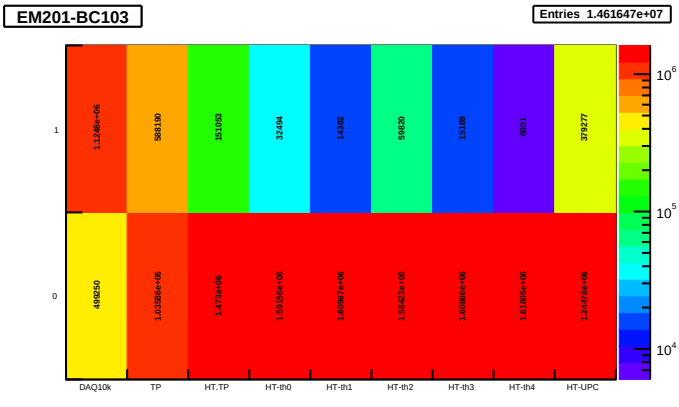

Endcap EMC L1 Input - HT-th1 Diff
Entries 36
EE101
EE102
12
17 7
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

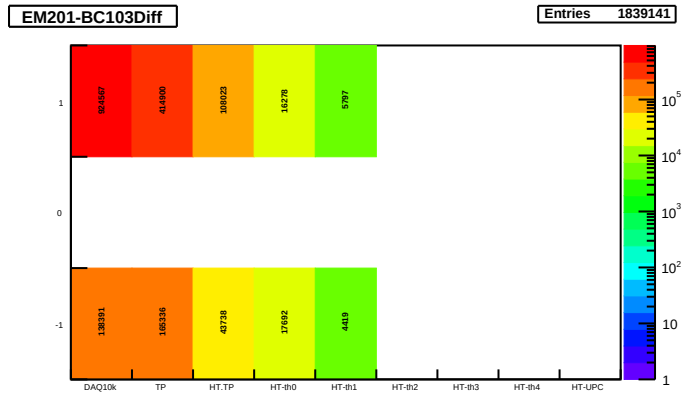

EM201-BC101
Entries 1.461647e+07
1.05679e+06
652510
161250
34698
15871
65220
16945
6737
381370
557261
971542
1.46280e+06
1.50939e+06
1.60818e+06
1.55083e+06
1.60711e+06
1.61726e+06
1.26268e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

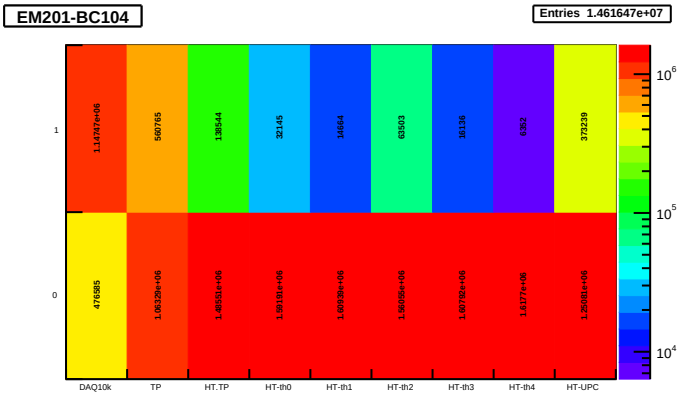

EM201-BC101Diff
Entries 1851892
866311
473858
115415
16730
6143
143483
165411
42227
17820
4494
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

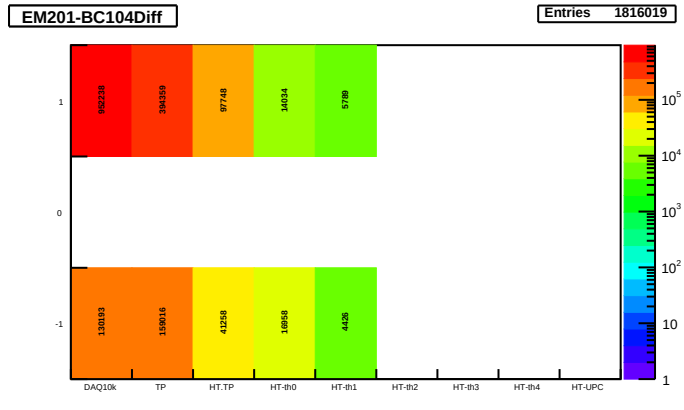

EM201-BC102
Entries 1.461647e+07
320851
1.44951e+06
203672
35033
15389
64194
15756
6543
364341
1.30326e+06
174541
1.42038e+06
1.58802e+06
1.60866e+06
1.59806e+06
1.60726e+06
1.61751e+06
1.29971e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 1954959
131503
1.21196e+06
155328
18914
6586
205895
157687
44215
18474
4502
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

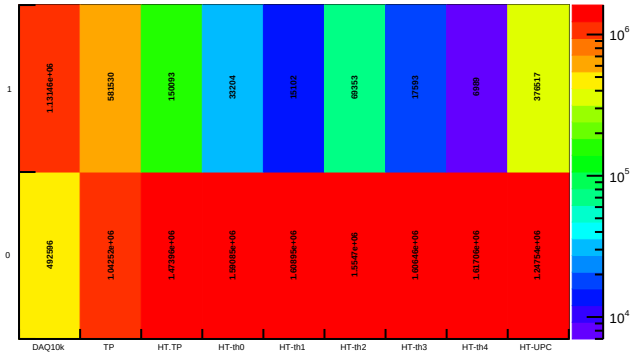

EM201-BC103
Entries 1.461647e+07
1.11248e+06
588190
151053
32494
14382
59820
15189
6001
379277
499250
1.03586e+06
1.472e+06
1.53155e+06
1.60967e+06
1.54423e+06
1.60886e+06
1.61085e+06
1.24478e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 1839141
824567
414600
108023
16278
5797
138391
165336
43738
17692
4419
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

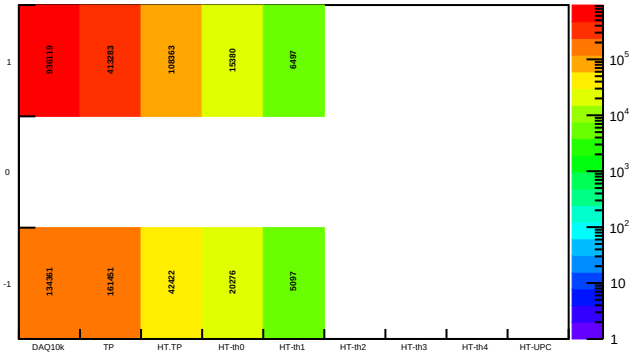

EM201-BC104
Entries 1.461647e+07
1.14747e+06
560765
138544
32145
14664
63503
16136
6352
373239
476985
1.06328e+06
1.48551e+06
1.59191e+06
1.60939e+06
1.56055e+06
1.60792e+06
1.6177e+06
1.25081e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 1816019
932238
394359
97748
14034
5789
130193
159016
41258
16958
4426
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

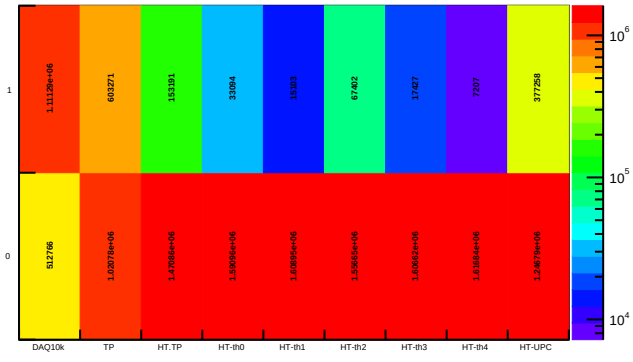
EM201-BC105 Entries 1.461647e+07



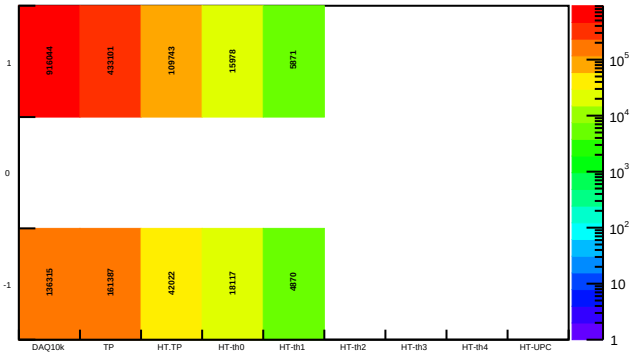
EM201-BC105Diff Entries 1843249



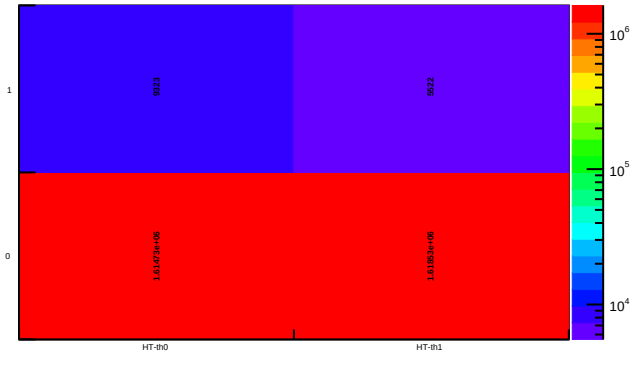
EM201-BC106 Entries 1.461647e+07



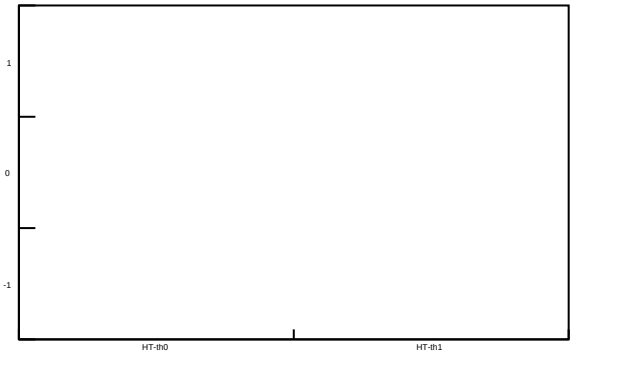
EM201-BC106Diff Entries 1843448



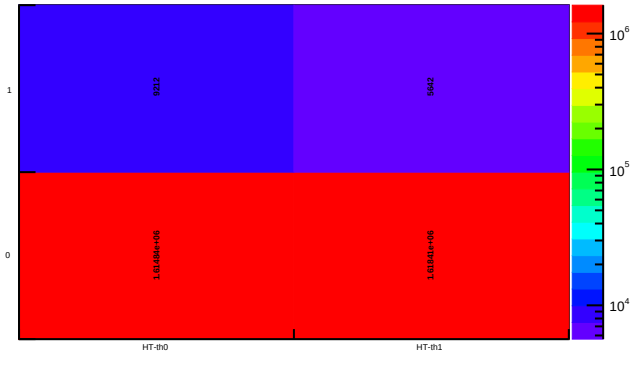
EM201-EE101 Entries 3248104



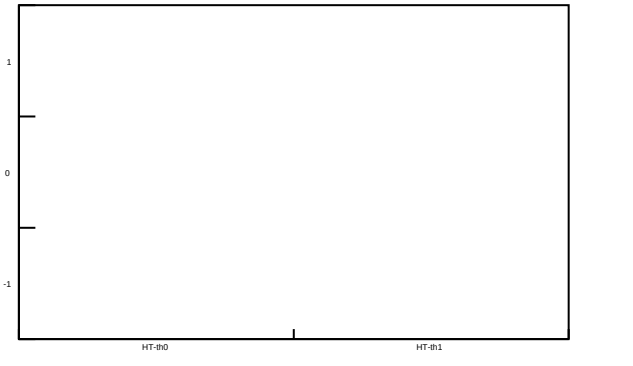
EM201-EE101Diff Entries 0

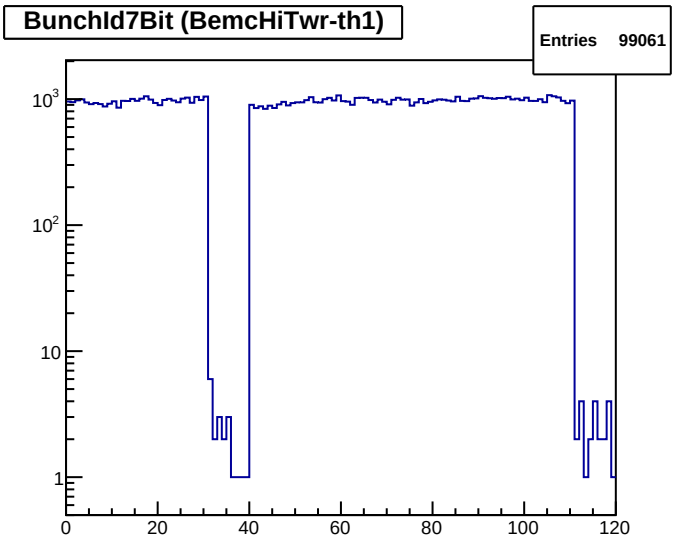


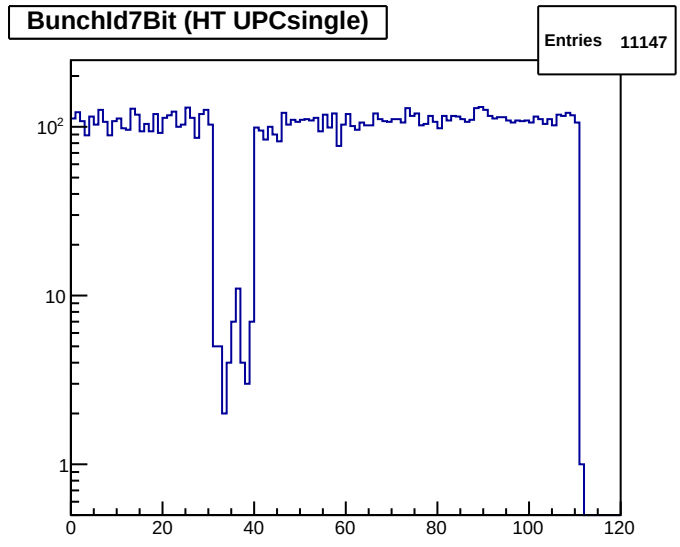
EM201-EE102 Entries 3248104

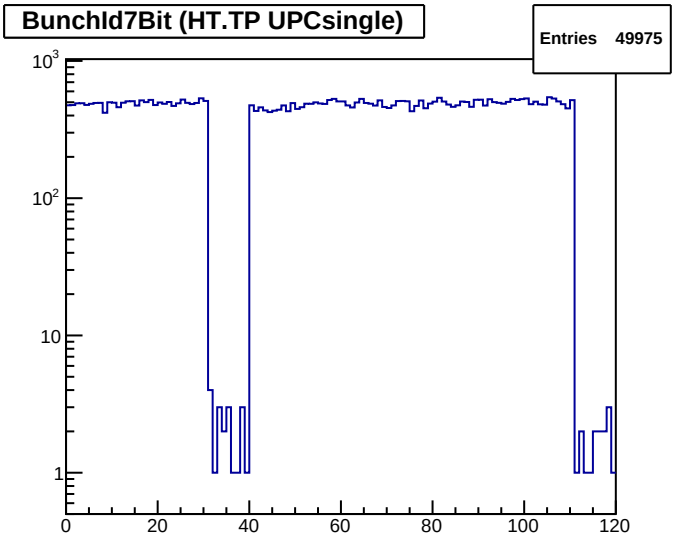


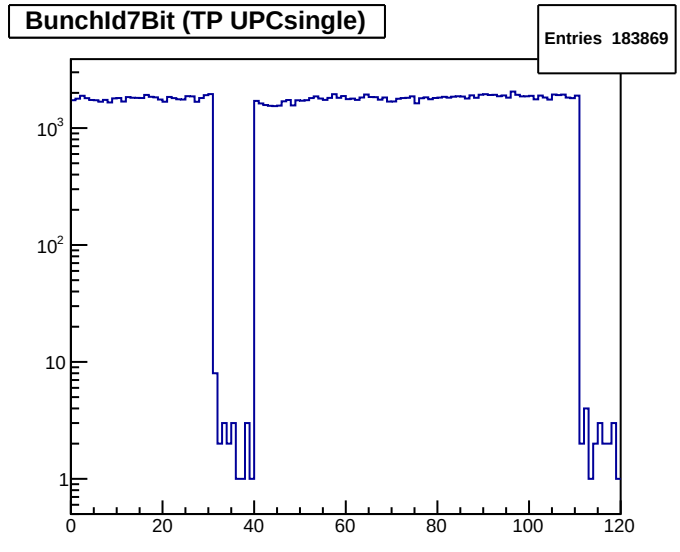
EM201-EE102Diff Entries 0

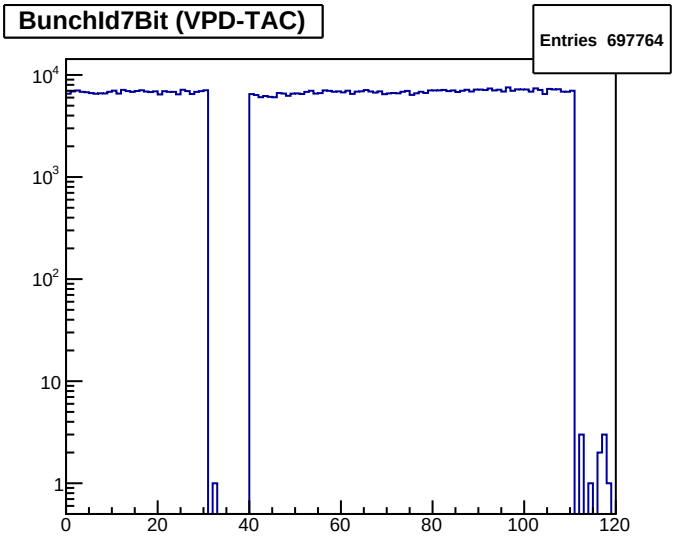


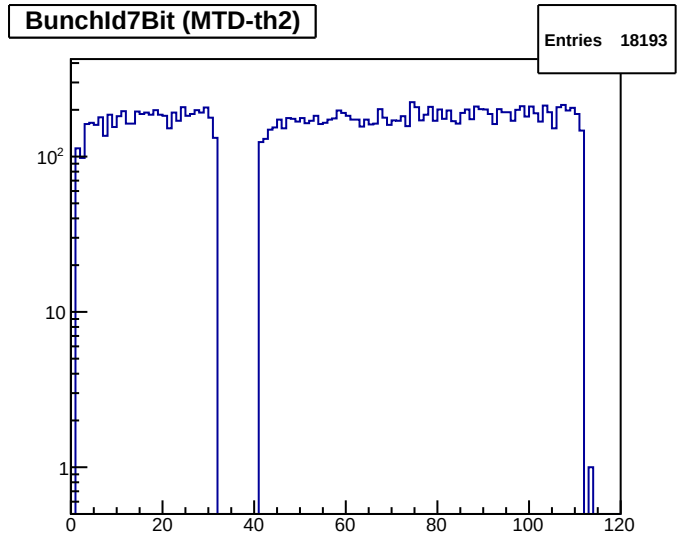

BunchId7Bit (BemcHiTwr-th1)
Entries 99061

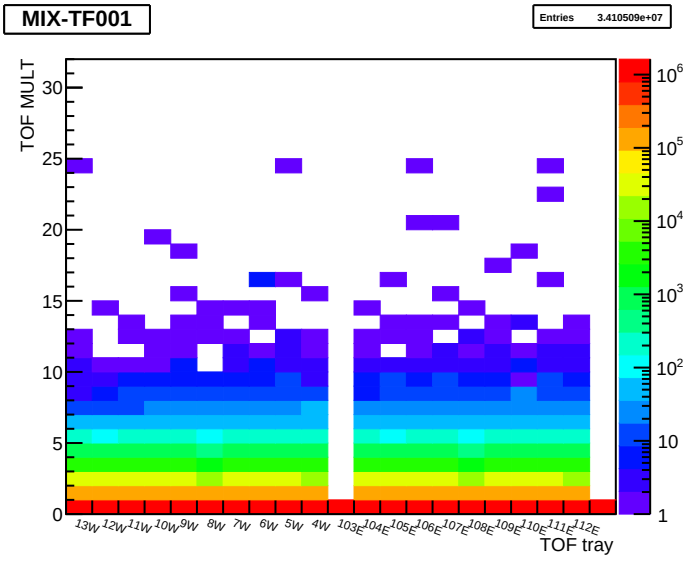

BunchId7Bit (HT UPCsingle)
Entries 11147

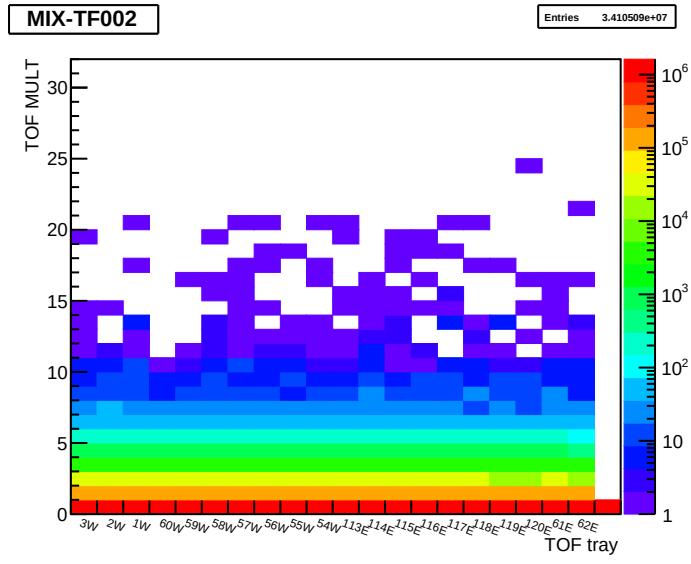

BunchId7Bit (HT.TP UPCsingle)
Entries 49975

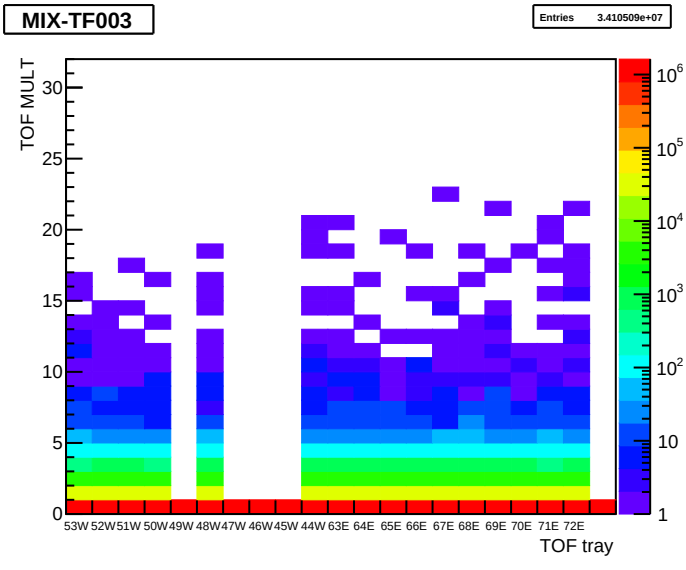

BunchId7Bit (TP UPCsingle)
Entries 183869

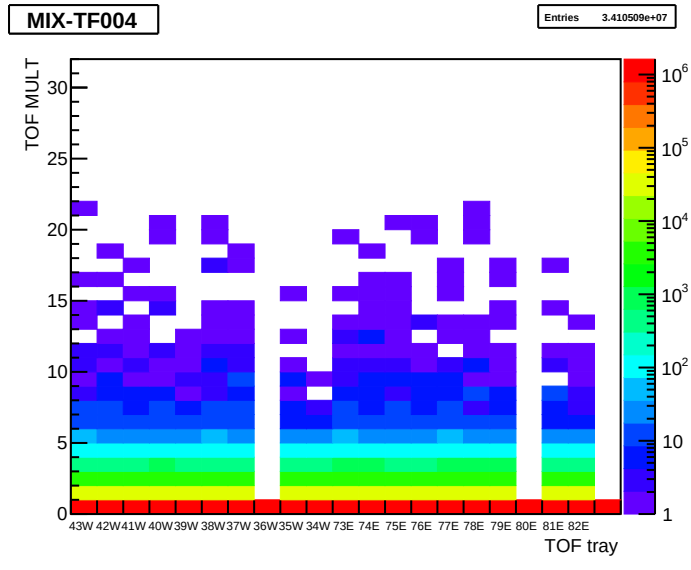

BunchId7Bit (VPD-TAC)
Entries 697764

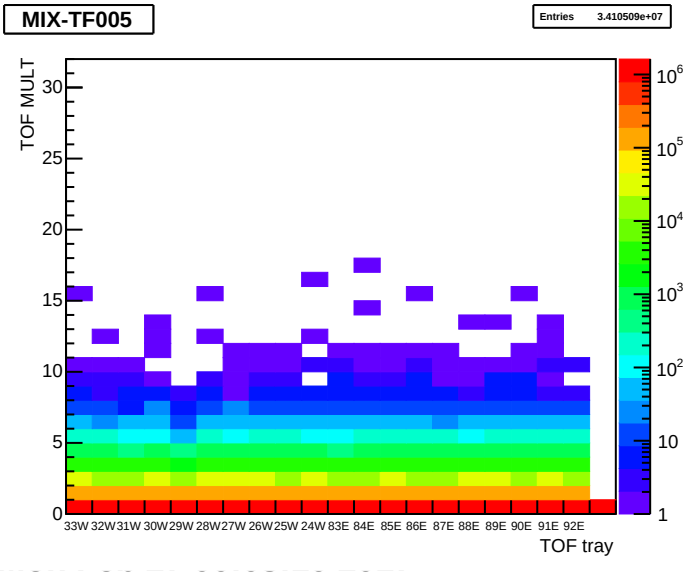

BunchId7Bit (MTD-th2)
Entries 18193

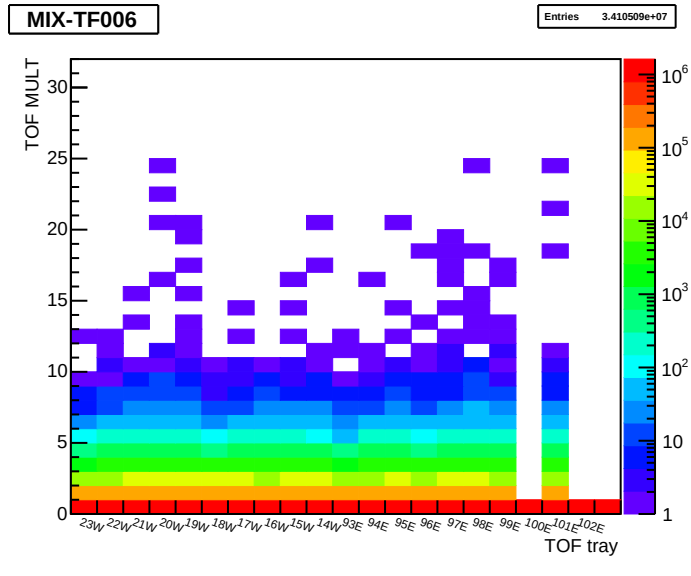

MIX-TF001
Entries 3.410509e+07
TOF MULT
TOF tray

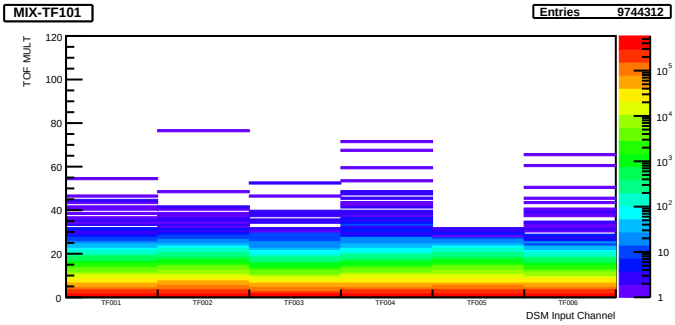

MIX-TF002
Entries 3.410509e+07
TOF MULT
TOF tray

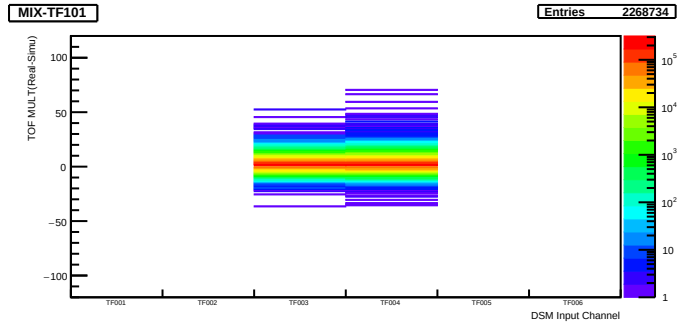

MIX-TF003
Entries 3.410509e+07
TOF MULT
TOF tray

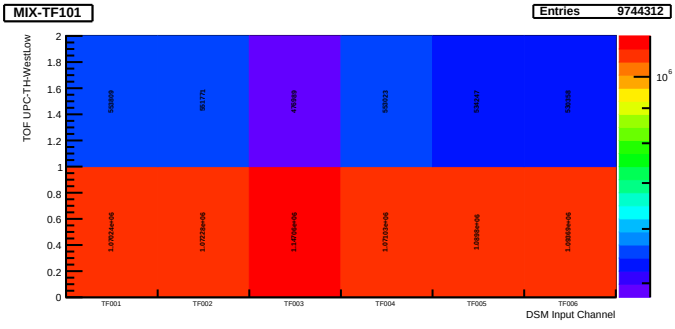

MIX-TF004
Entries 3.410509e+07
TOF MULT
TOF tray

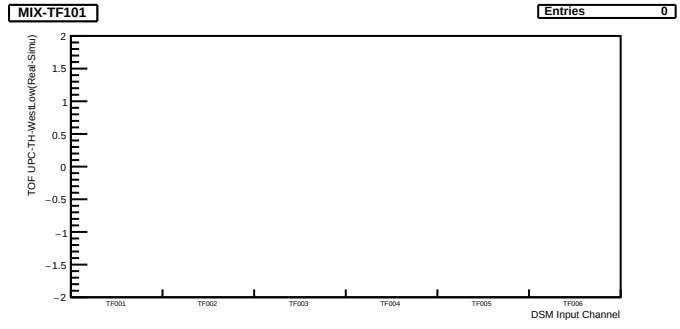

MIX-TF005
Entries 3.410509e+07
TOF MULT
TOF tray

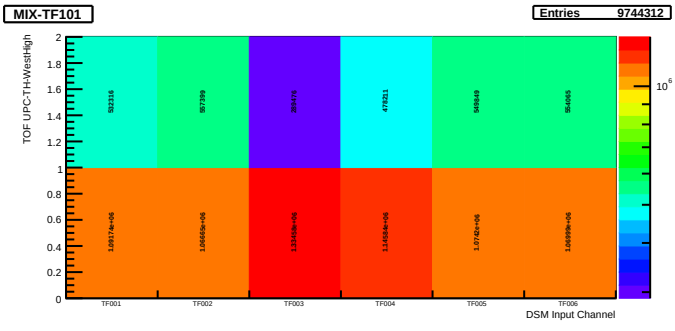

MIX-TF006
Entries 3.410509e+07
TOF MULT
TOF tray

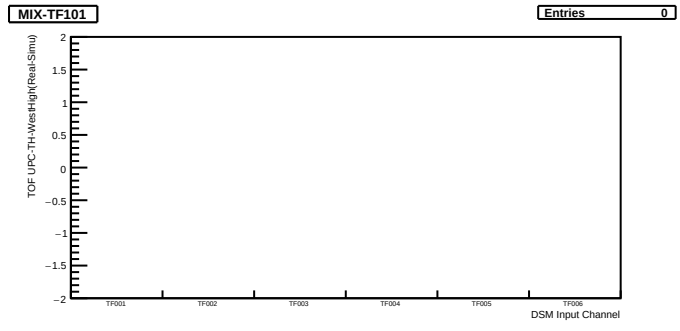

MIX-TF101
Entries 9744312
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

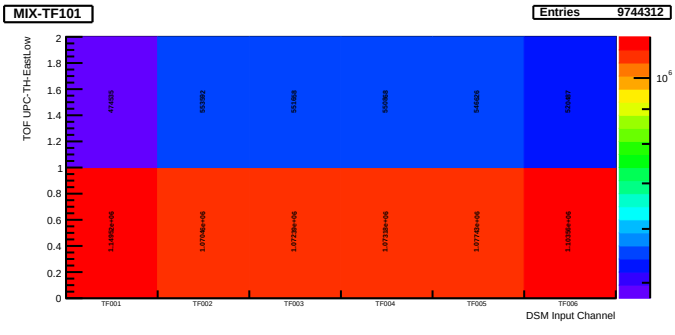

MIX-TF101
Entries 2268734
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

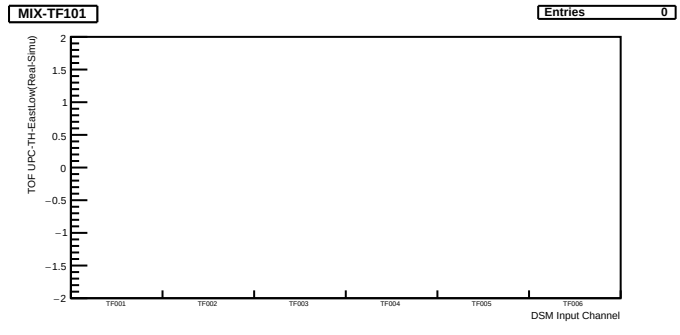

MIX-TF101
Entries 9744312
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

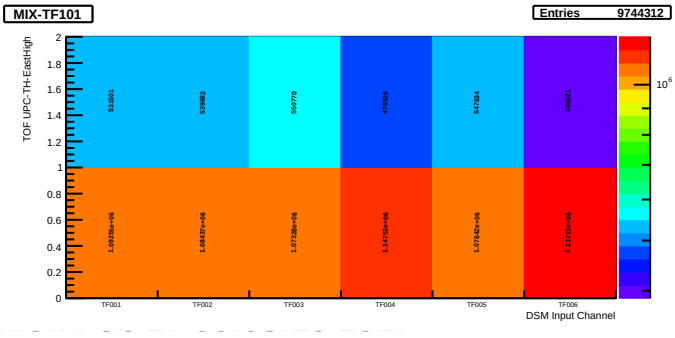

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

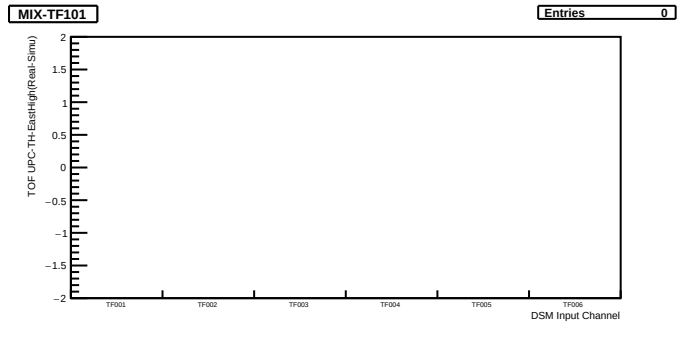

MIX-TF101
Entries 9744312
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

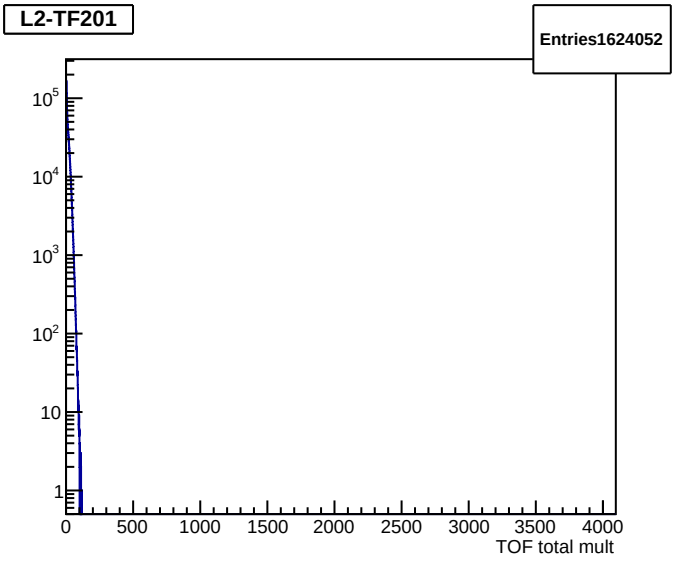

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

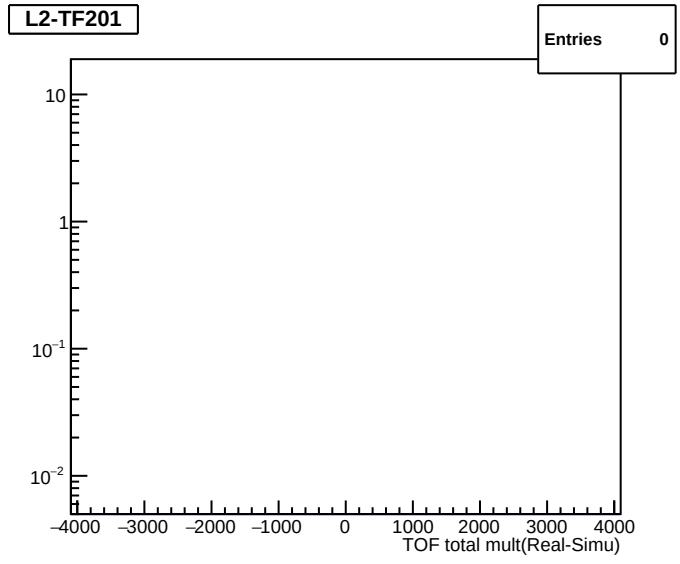

MIX-TF101
Entries 9744312
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

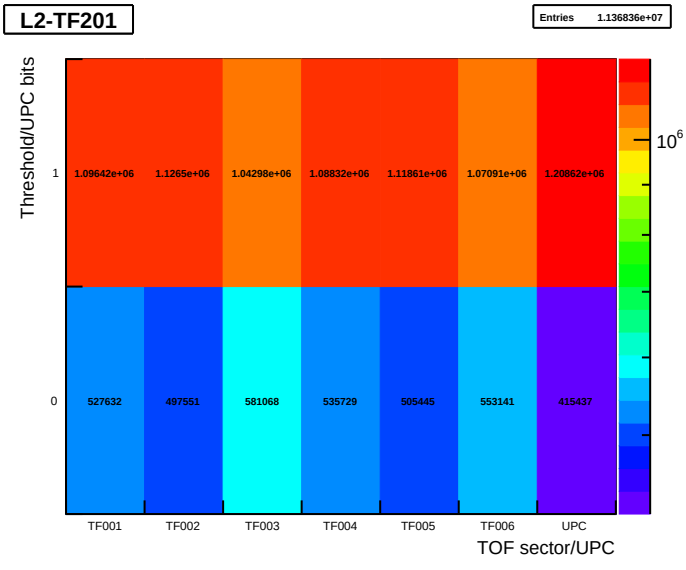

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

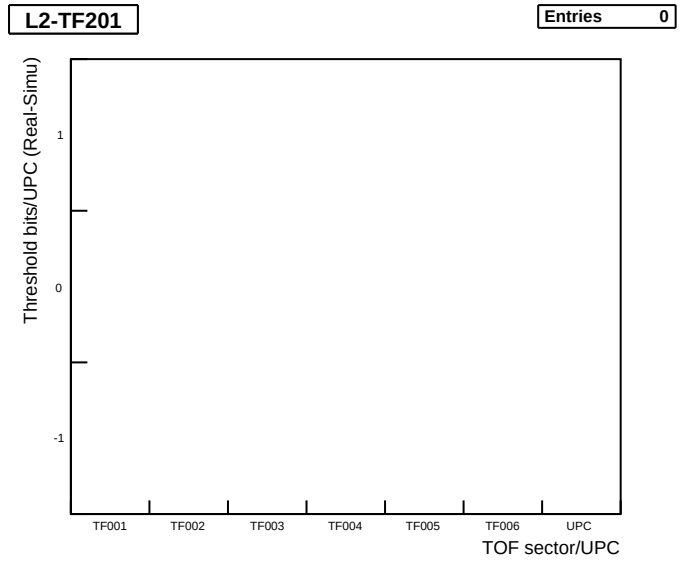

MIX-TF101
Entries 9744312
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

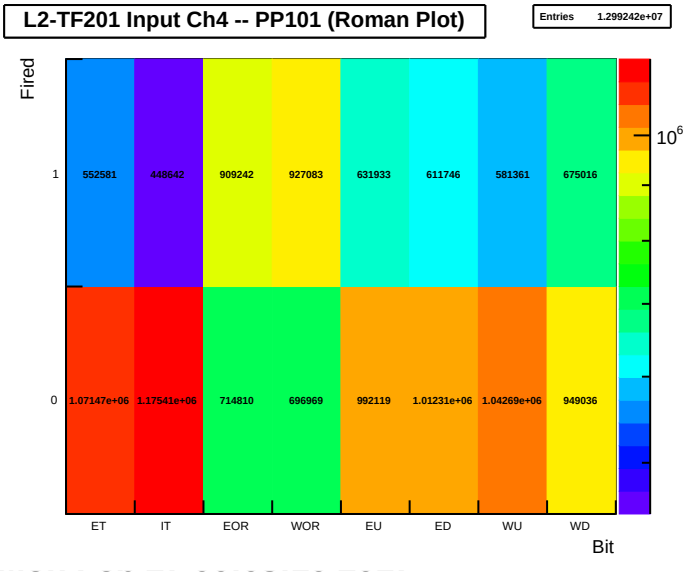

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

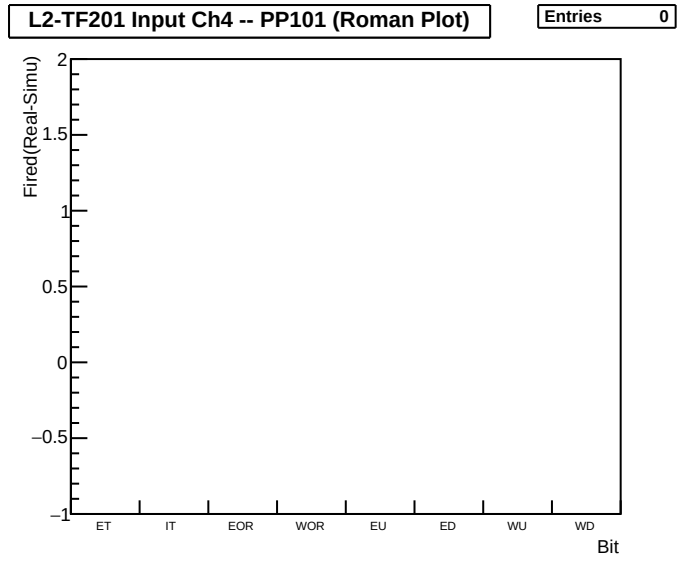

L2-TF201
Entries1624052
TOF total mult

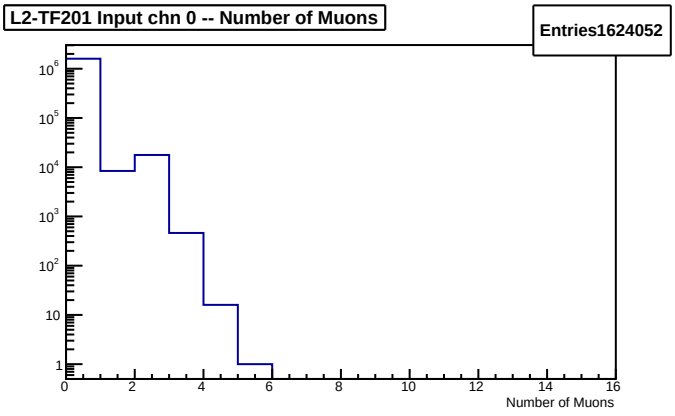

L2-TF201
Entries 0
TOF total mult(Real-Simu)

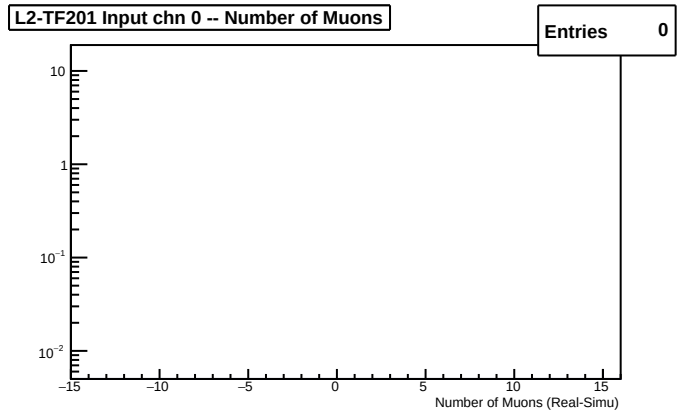

L2-TF201
Entries 1.136836e+07
Threshold/UPC bits
1.09642e+06
1.1265e+06
1.04298e+06
1.08832e+06
1.11861e+06
1.07091e+06
1.20862e+06
527632
497551
581068
535729
505445
553141
415437
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

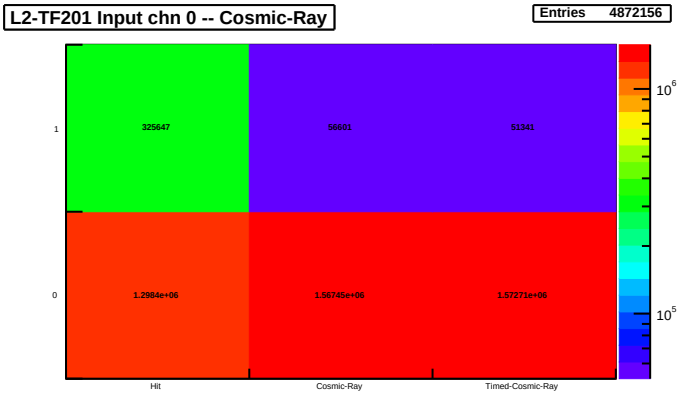

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

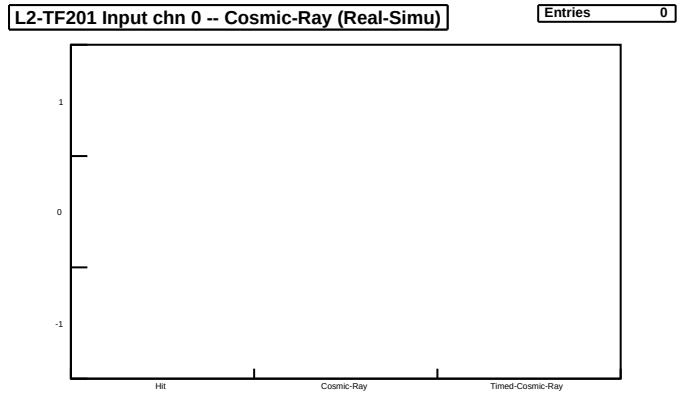

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.299242e+07
Fired
552581
448642
909242
927083
631933
611746
581361
675016
1.07147e+06
1.17541e+06
714810
696969
992119
1.01231e+06
1.04269e+06
949036
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

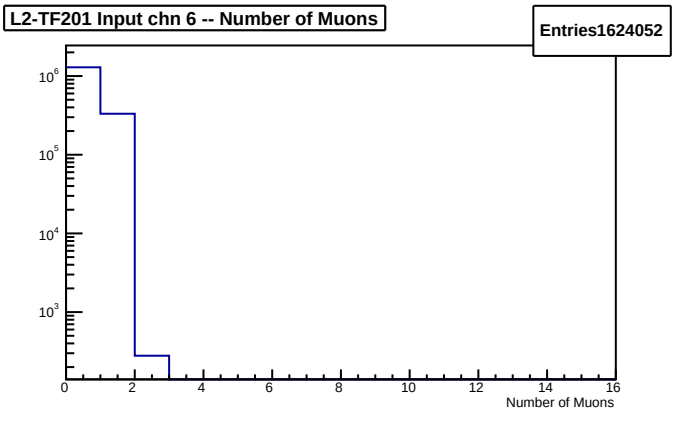

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

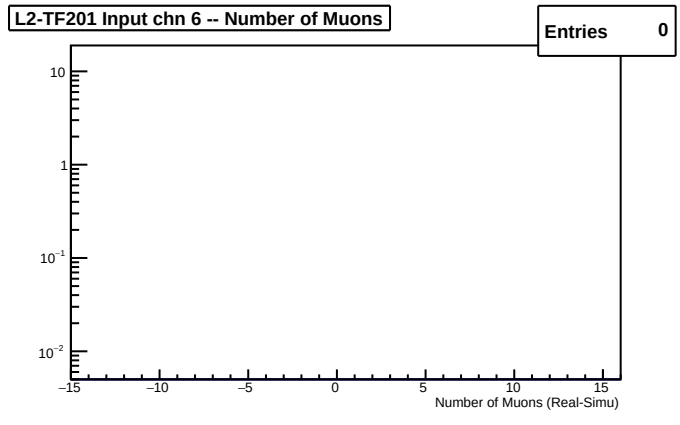

L2-TF201 Input chn 0 -- Number of Muons
Entries1624052
Number of Muons

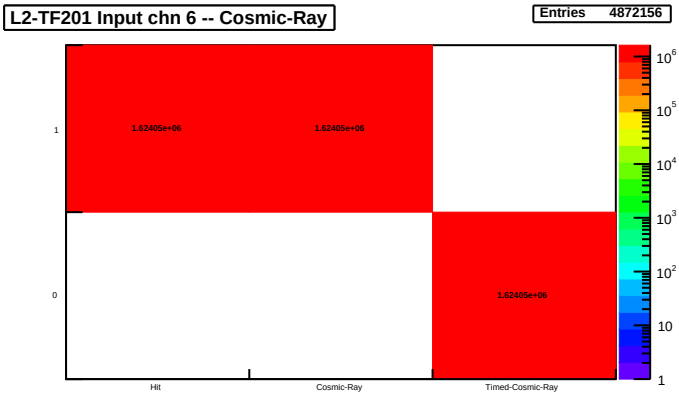

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

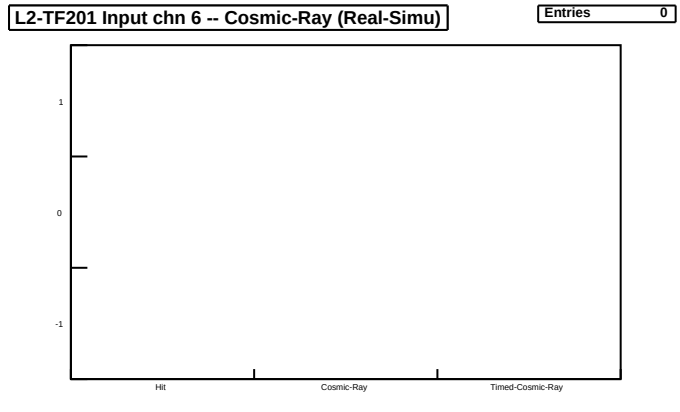

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4872156
325647
56601
51341
1.2984e+06
1.56745e+06
1.57271e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

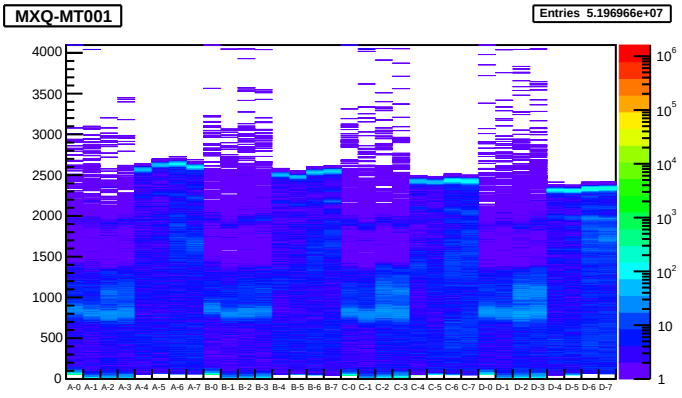

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

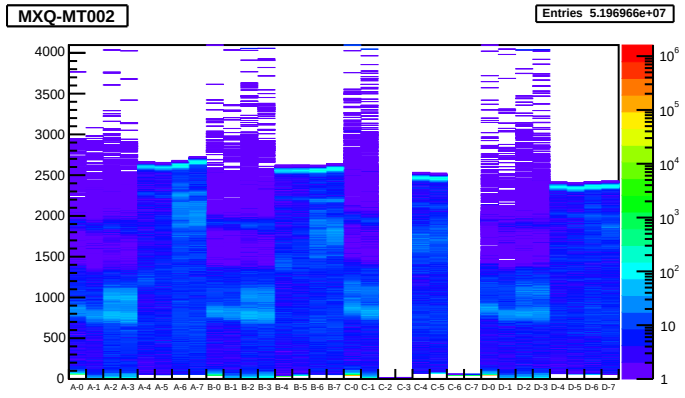

L2-TF201 Input chn 6 -- Number of Muons
Entries1624052
Number of Muons

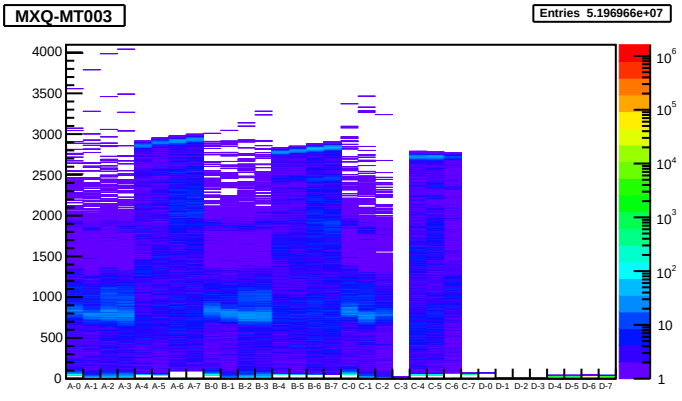

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

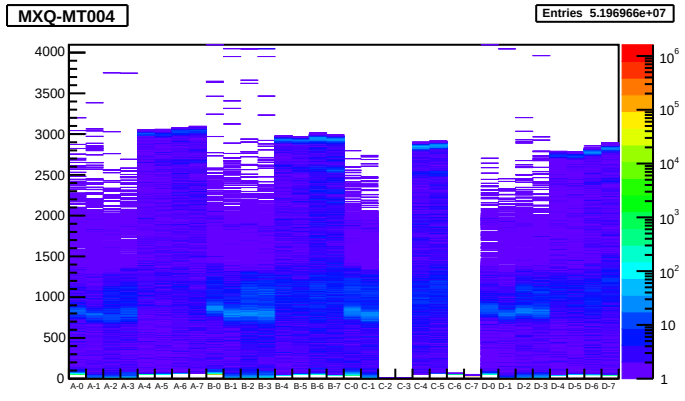

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 4872156
1.62405e+06
1.62405e+06
1.62405e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

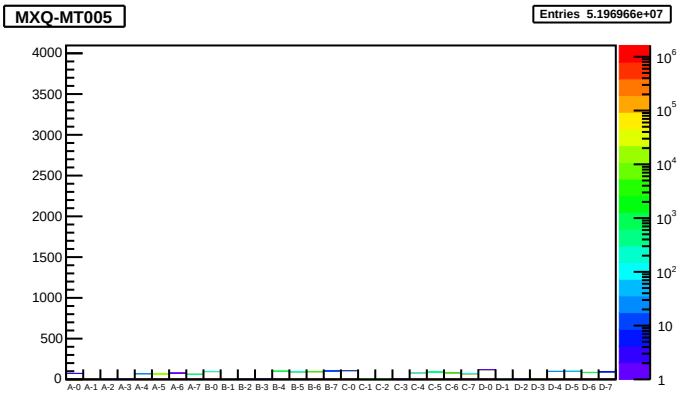

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

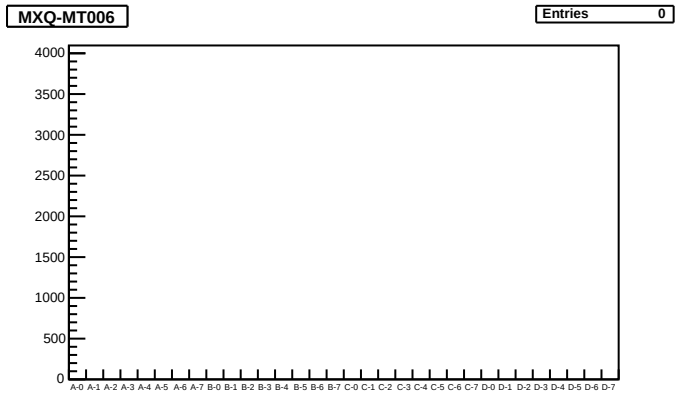

MXQ-MT001
Entries 5.196966e+07

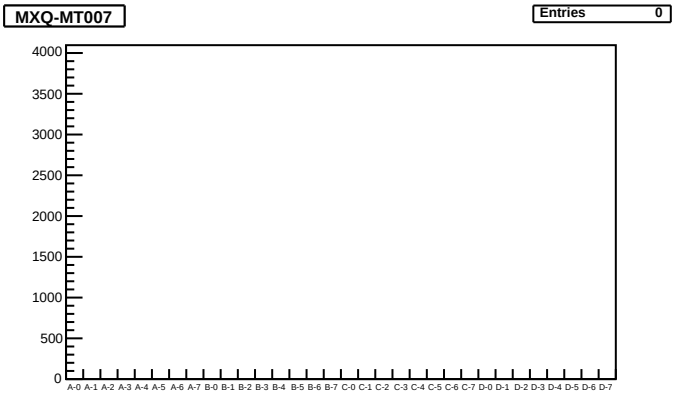

MXQ-MT002
Entries 5.196966e+07

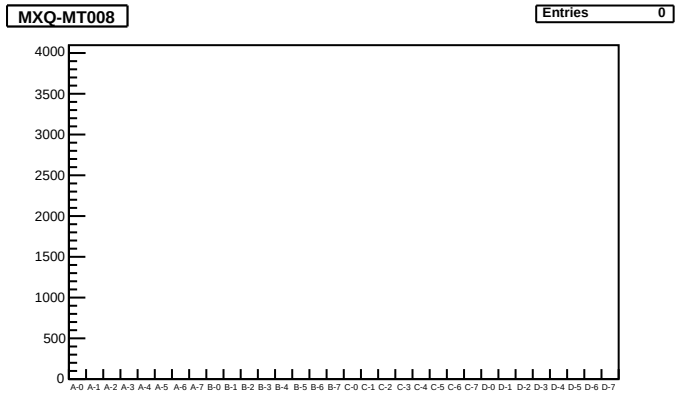

MXQ-MT003
Entries 5.196966e+07

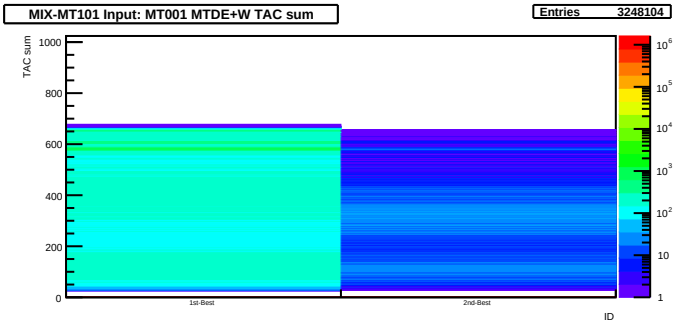

MXQ-MT004
Entries 5.196966e+07

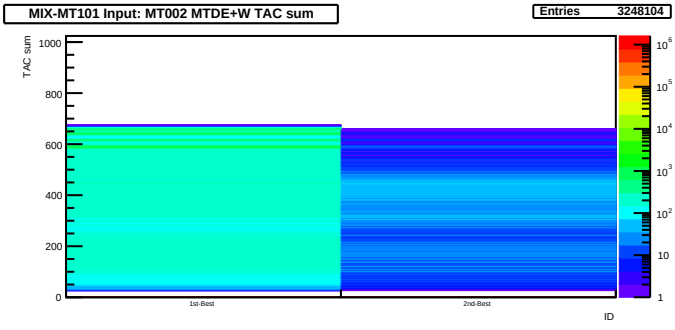

MXQ-MT005
Entries 5.196966e+07

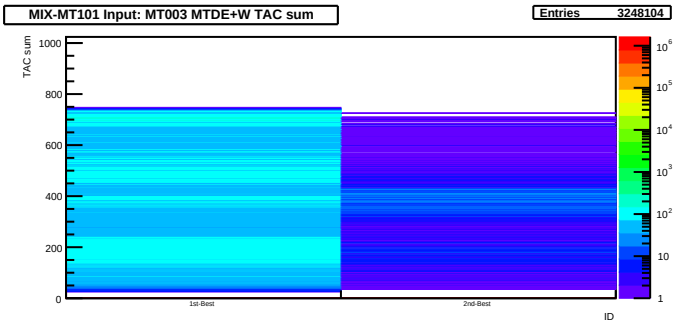

MXQ-MT006
Entries 0

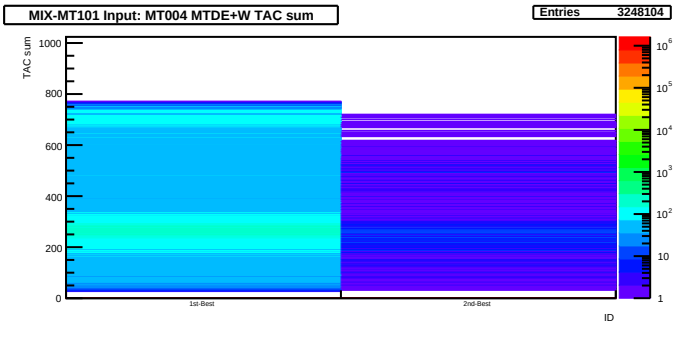

MXQ-MT007
Entries 0

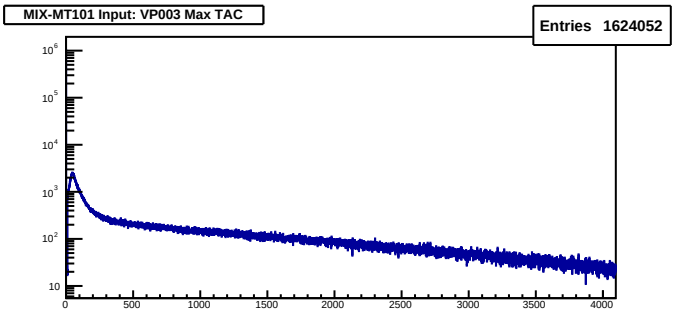

MXQ-MT008
Entries 0

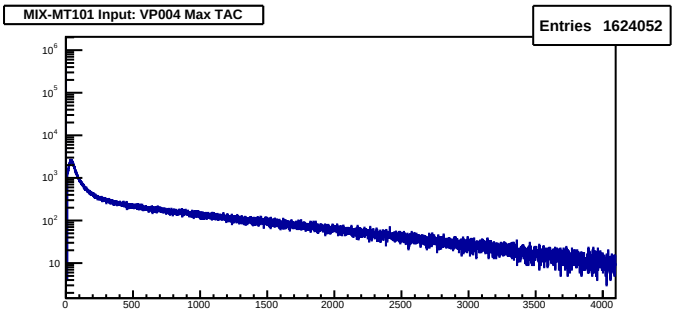

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3248104
TAC sum
1st-Best
2nd-Best
ID

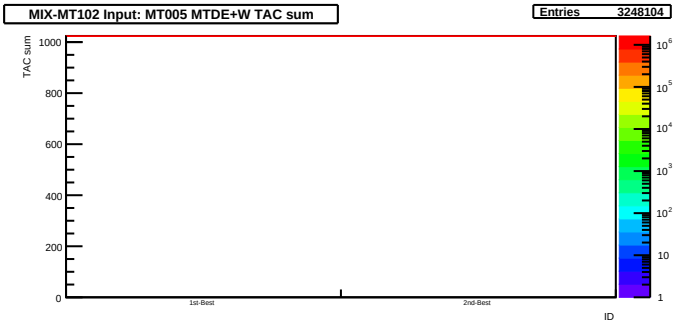

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3248104
TAC sum
1st-Best
2nd-Best
ID

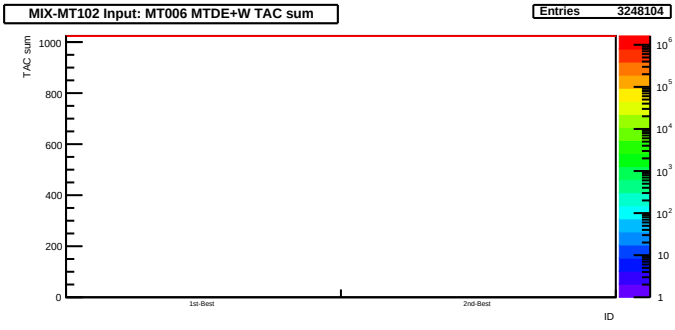

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 3248104
TAC sum
1st-Best
2nd-Best
ID

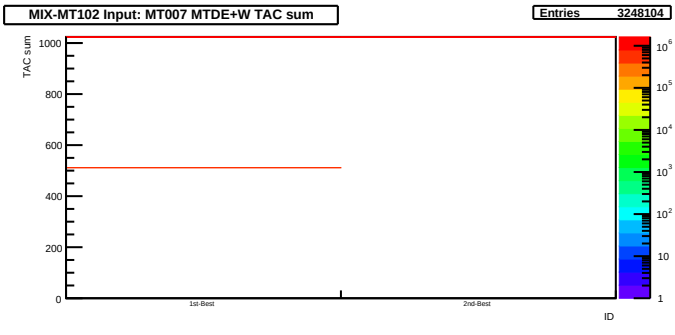

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 3248104
TAC sum
1st-Best
2nd-Best
ID

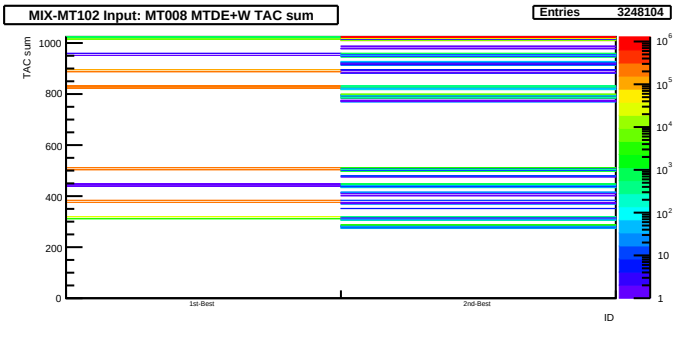

MIX-MT101 Input: VP003 Max TAC
Entries 1624052

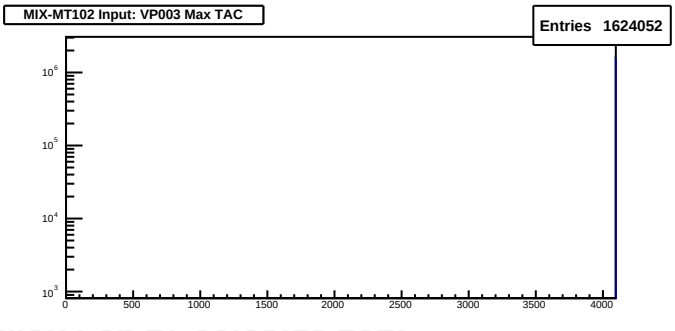

MIX-MT101 Input: VP004 Max TAC
Entries 1624052

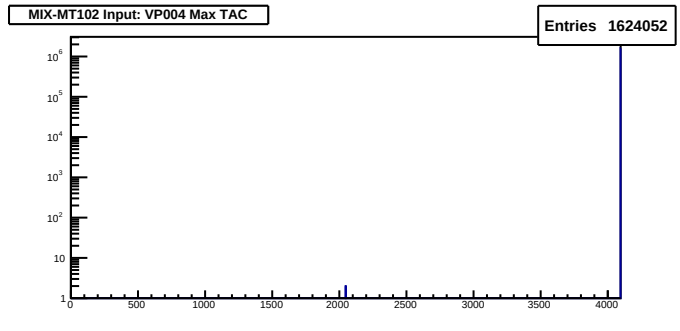

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 3248104
TAC sum
1st-Best
2nd-Best
ID

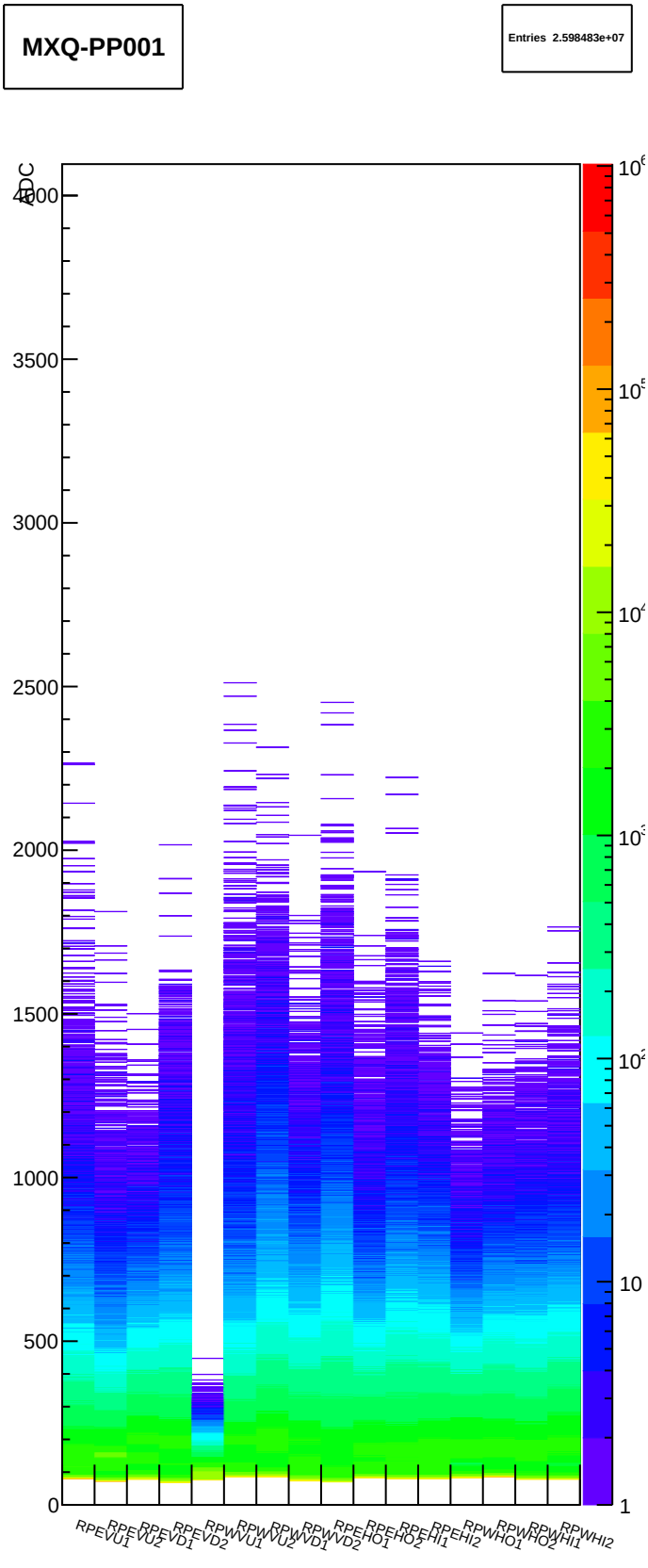

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 3248104
TAC sum
1st-Best
2nd-Best
ID

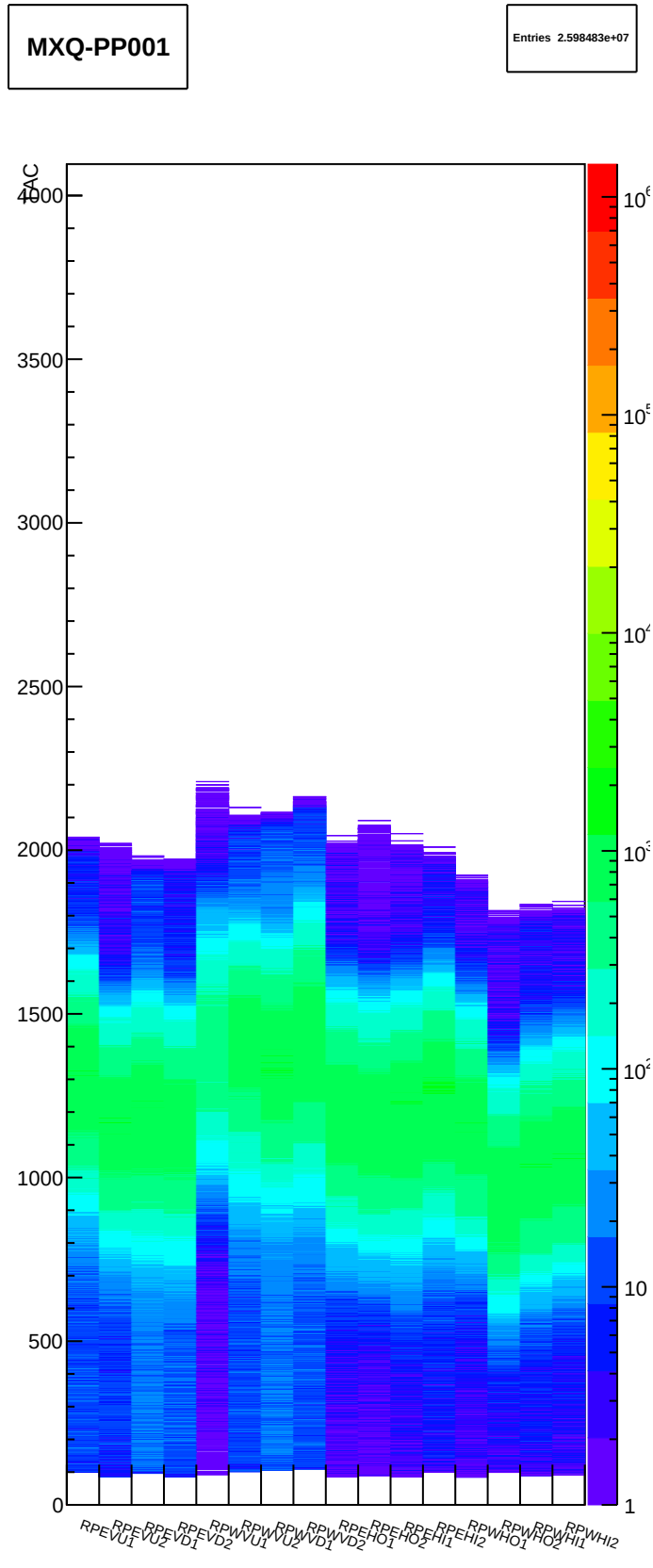

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 3248104
TAC sum
1st-Best
2nd-Best
ID

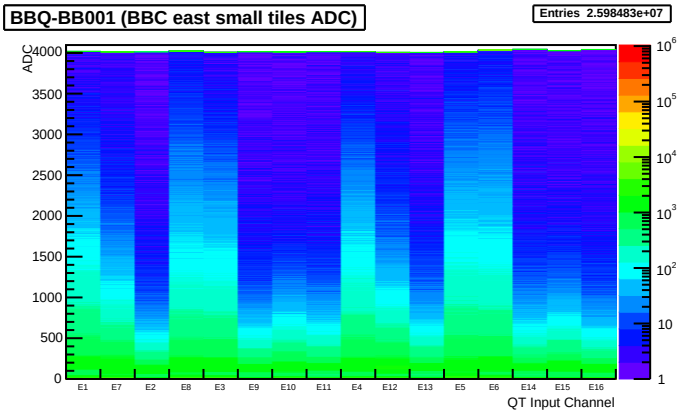

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 3248104
TAC sum
1st-Best
2nd-Best
ID

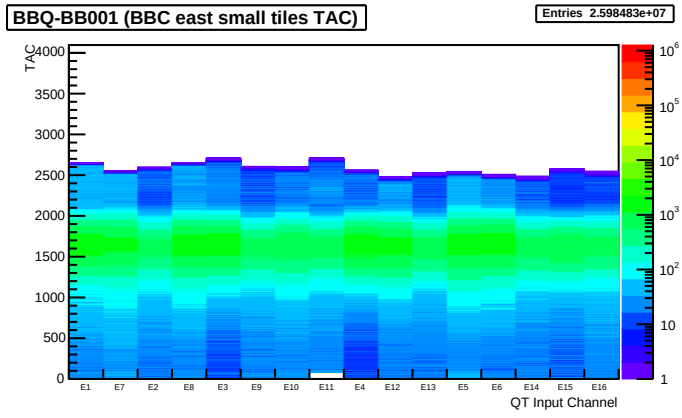

MIX-MT102 Input: VP003 Max TAC
Entries 1624052

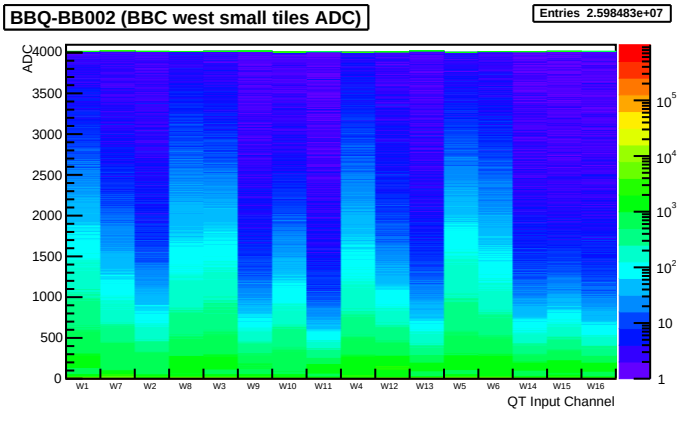

MIX-MT102 Input: VP004 Max TAC
Entries 1624052

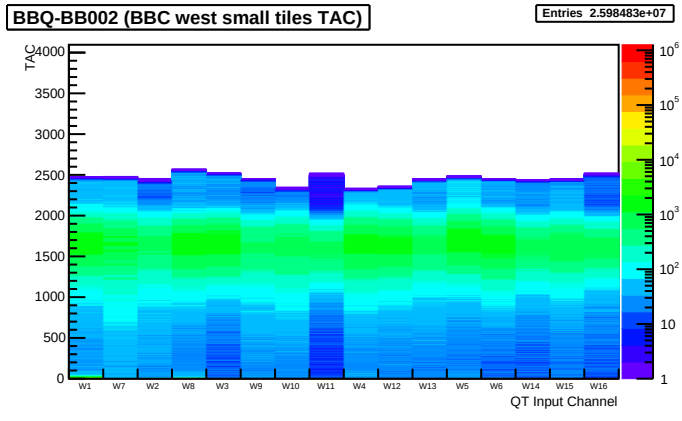

MXQ-PP001
Entries 2.598483e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

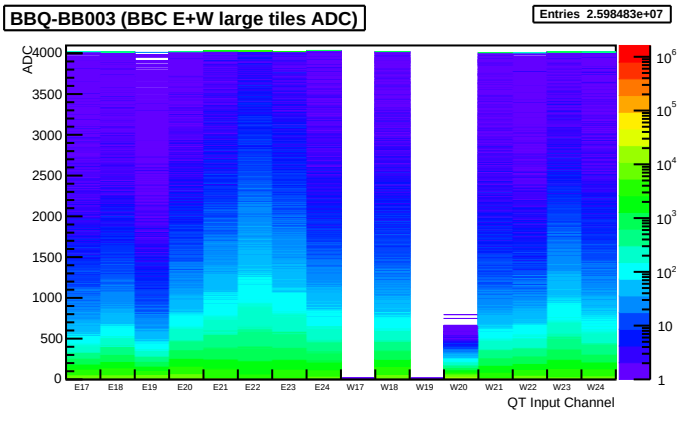

MXQ-PP001
Entries 2.598483e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

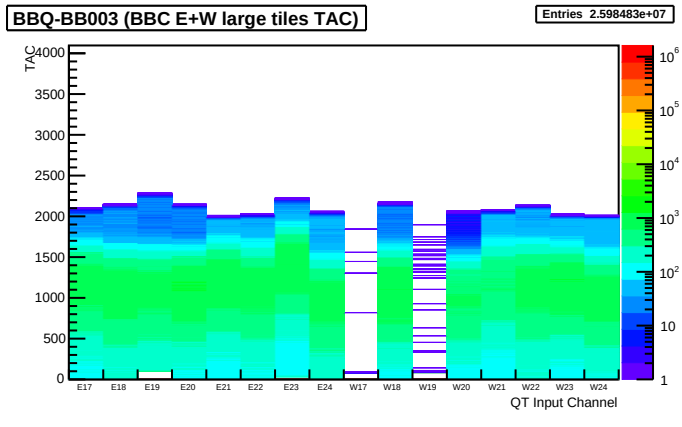

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.598483e+07
ADC
QT Input Channel

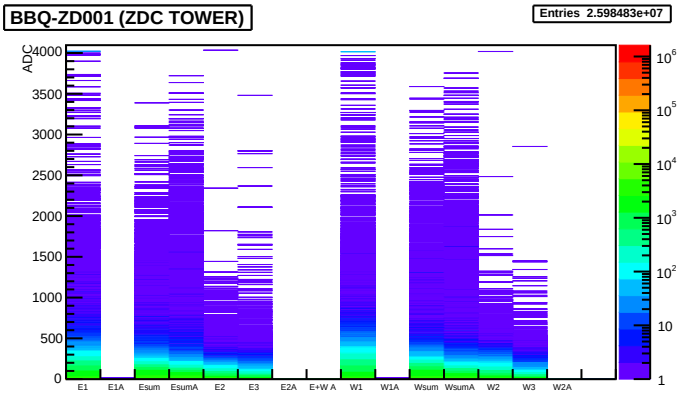

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.598483e+07
TAC
QT Input Channel

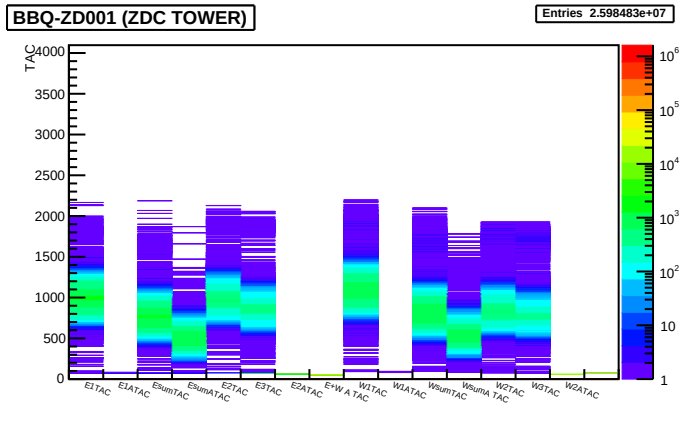

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.598483e+07
ADC
QT Input Channel

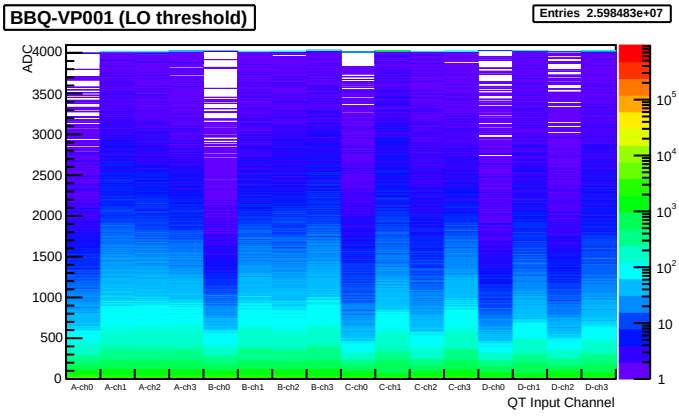

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.598483e+07
TAC
QT Input Channel

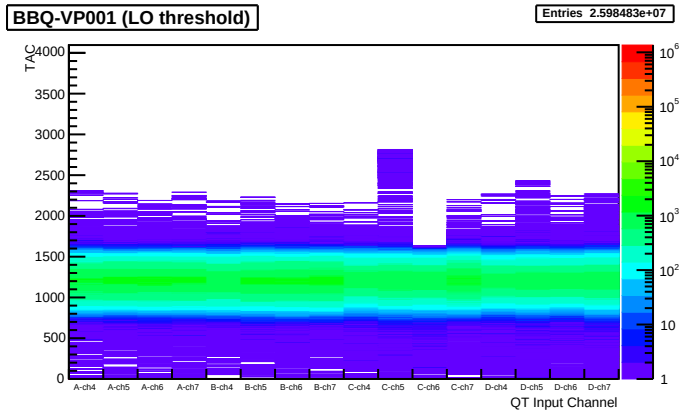

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.598483e+07
ADC
QT Input Channel

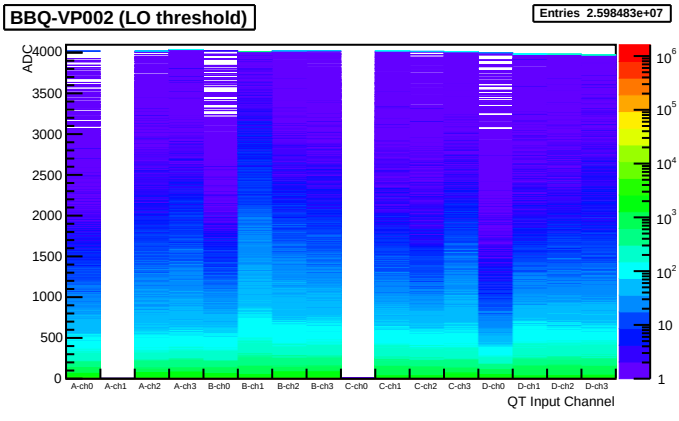

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.598483e+07
TAC
QT Input Channel

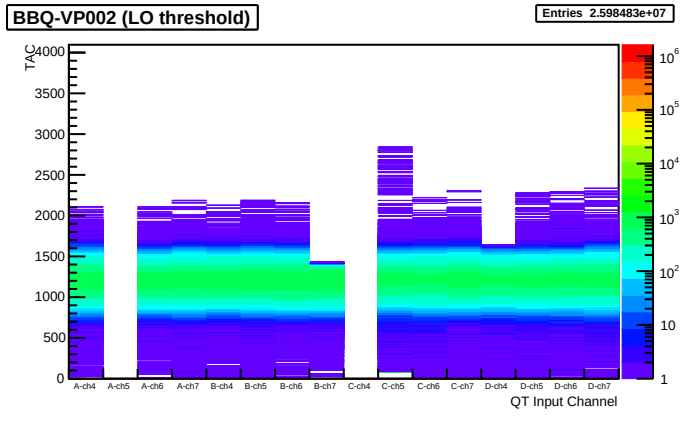

BBQ-ZD001 (ZDC TOWER)
Entries 2.598483e+07
ADC

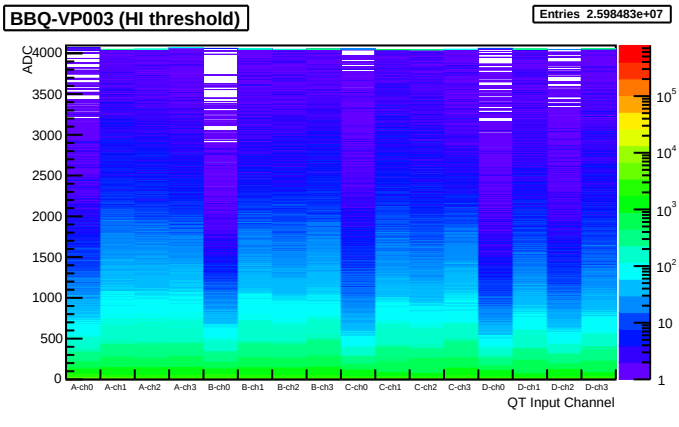

BBQ-ZD001 (ZDC TOWER)
Entries 2.598483e+07
TAC

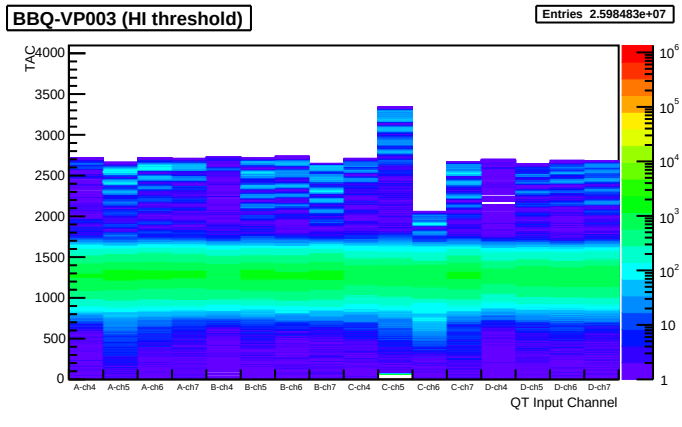

BBQ-VP001 (LO threshold)
Entries 2.598483e+07
ADC
QT Input Channel

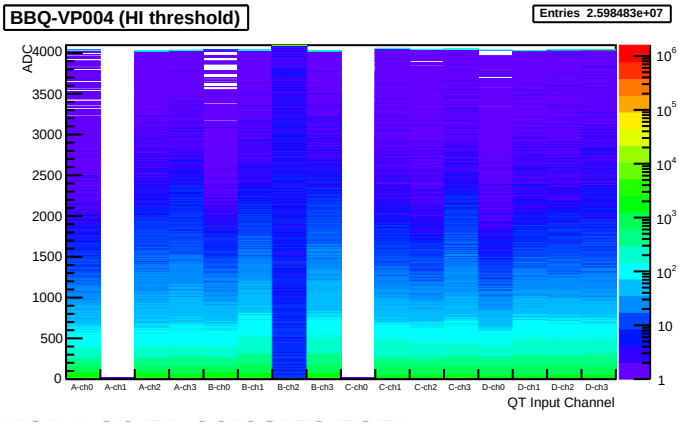

BBQ-VP001 (LO threshold)
Entries 2.598483e+07
TAC
QT Input Channel

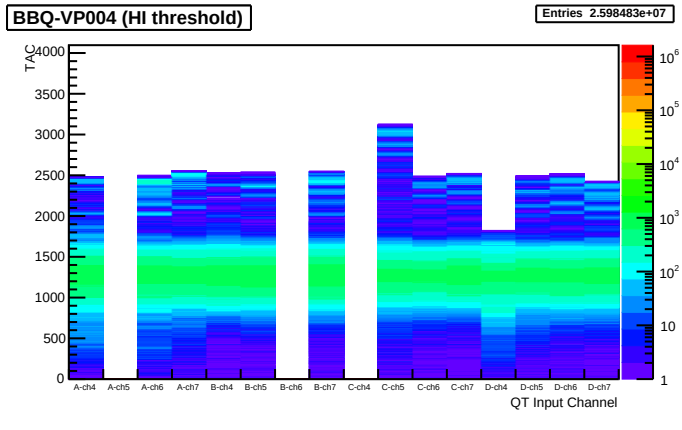

BBQ-VP002 (LO threshold)
Entries 2.598483e+07
ADC
QT Input Channel

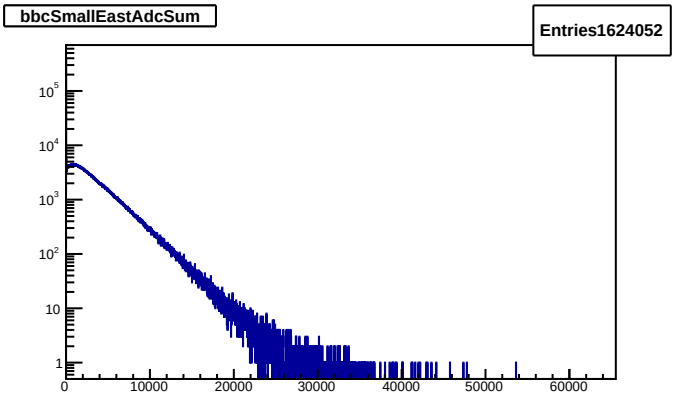

BBQ-VP002 (LO threshold)
Entries 2.598483e+07
TAC
QT Input Channel

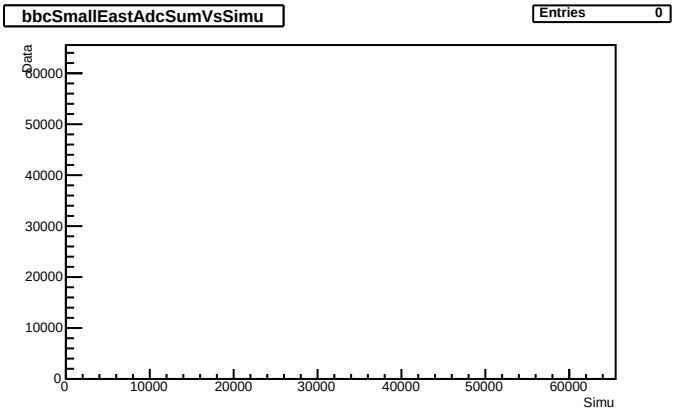

BBQ-VP003 (HI threshold)
Entries 2.598483e+07
ADC
QT Input Channel

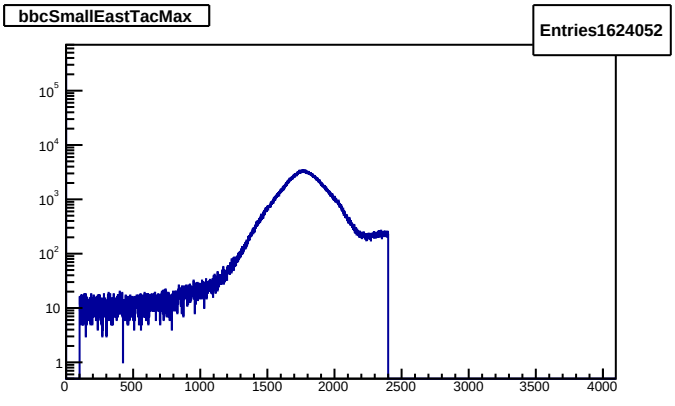

BBQ-VP003 (HI threshold)
Entries 2.598483e+07
TAC
QT Input Channel

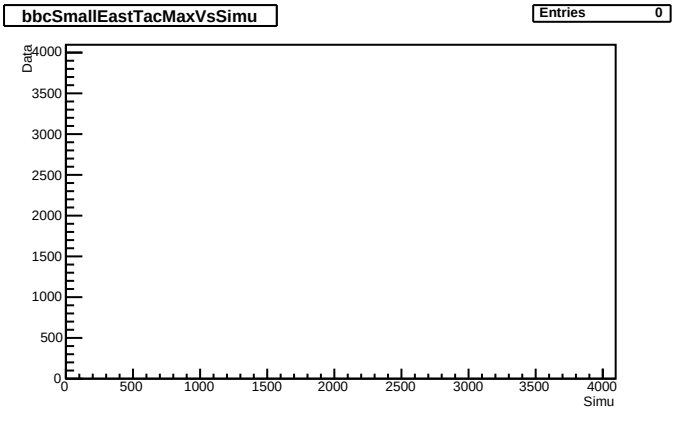

BBQ-VP004 (HI threshold)
Entries 2.598483e+07
ADC
QT Input Channel

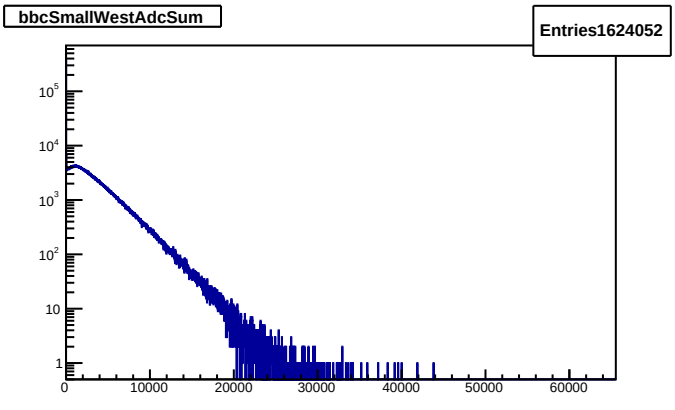

BBQ-VP004 (HI threshold)
Entries 2.598483e+07
TAC
QT Input Channel

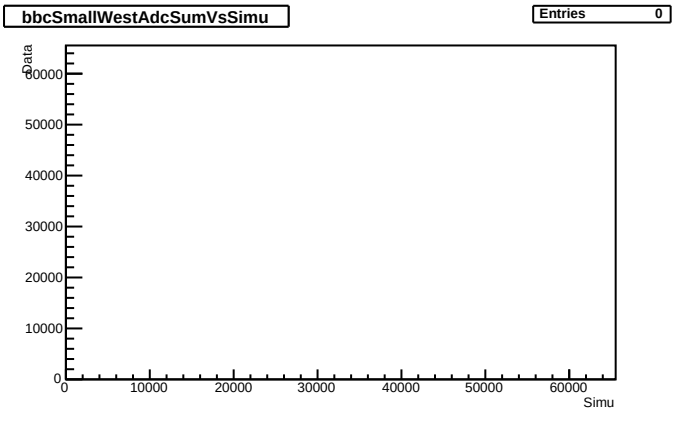

bbcSmallEastAdcSum
Entries1624052

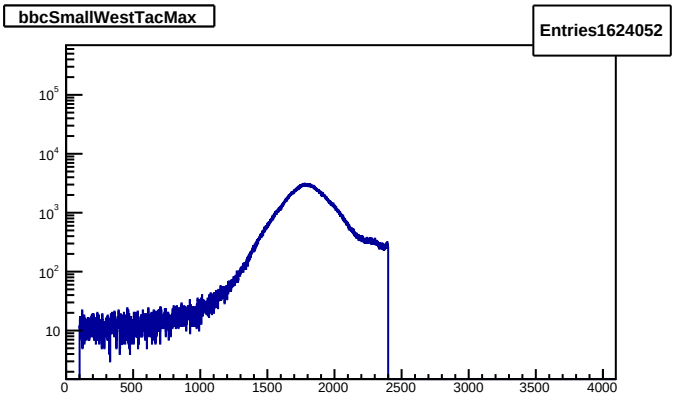

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

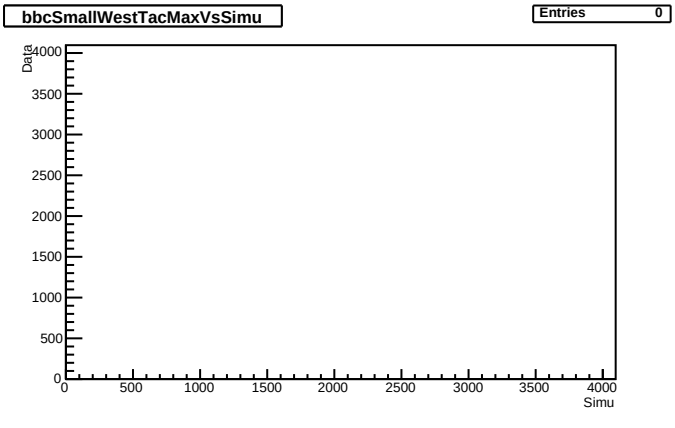

bbcSmallEastTacMax
Entries1624052

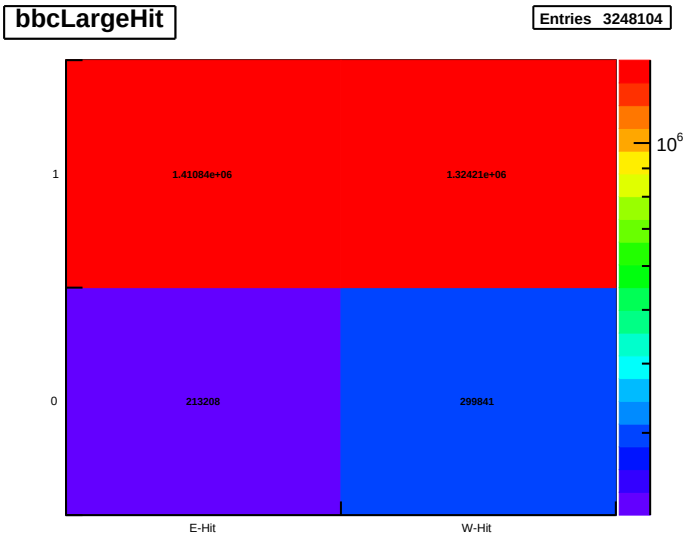

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

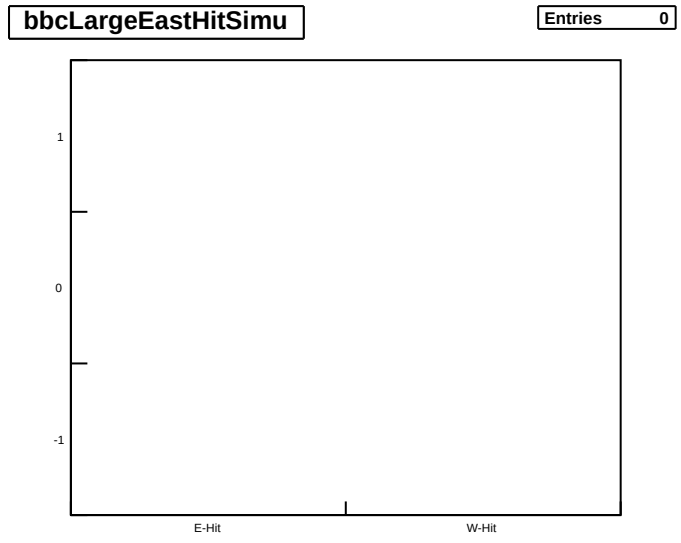

bbcSmallWestAdcSum
Entries1624052

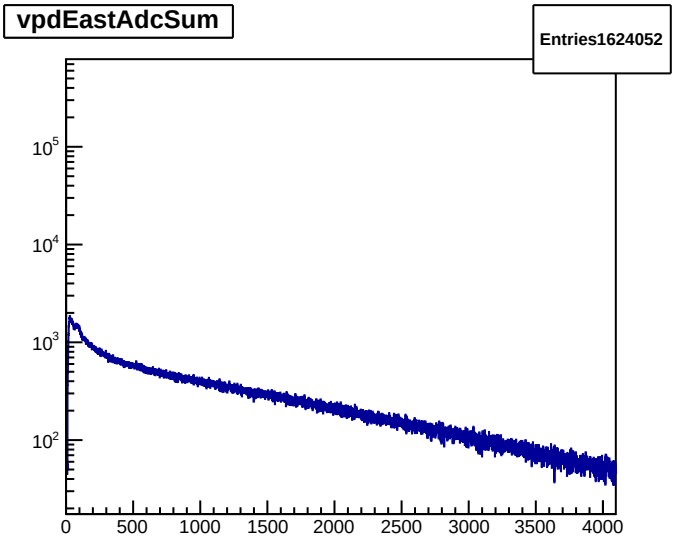

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

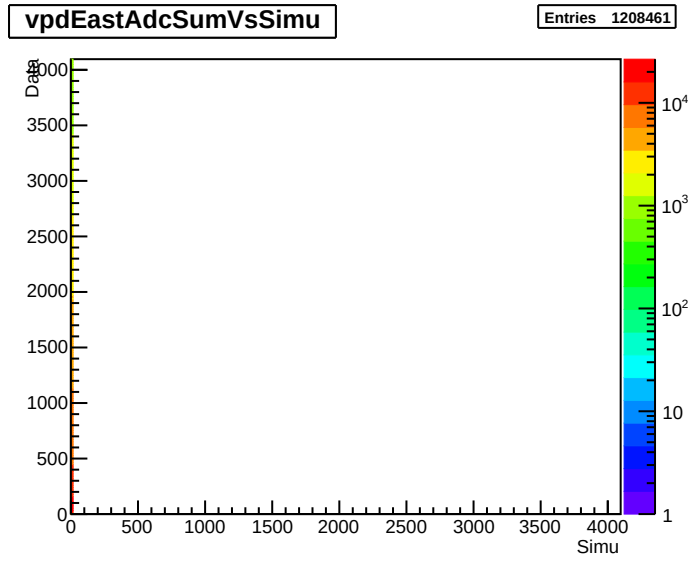

bbcSmallWestTacMax
Entries1624052

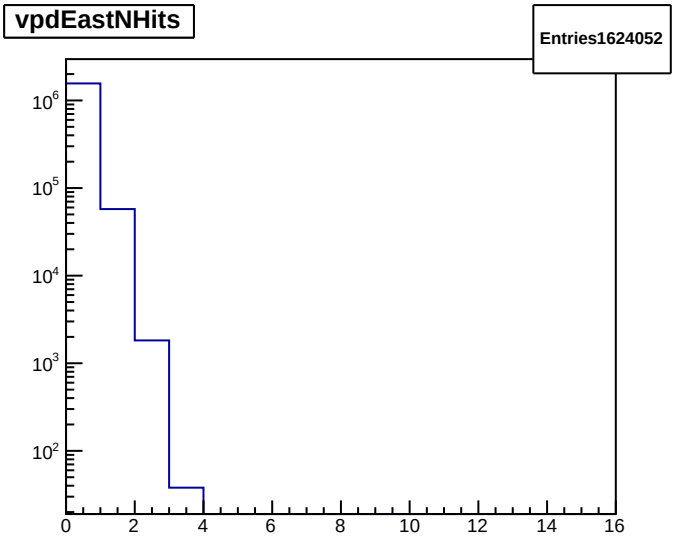

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

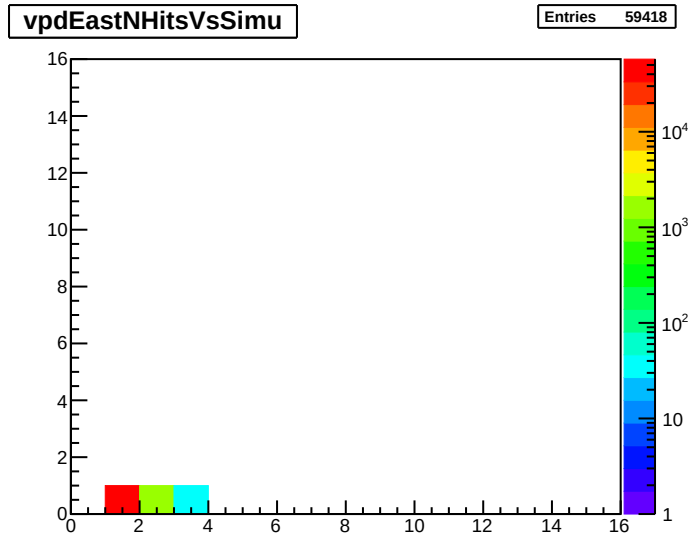

bbcLargeHit
Entries 3248104
1.41084e+06
1.32421e+06
213208
299841
1
0
E-Hit
W-Hit
10^6

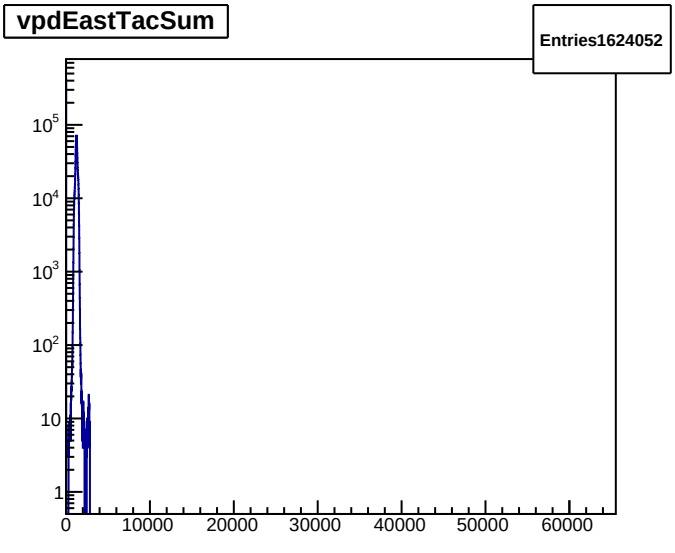

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

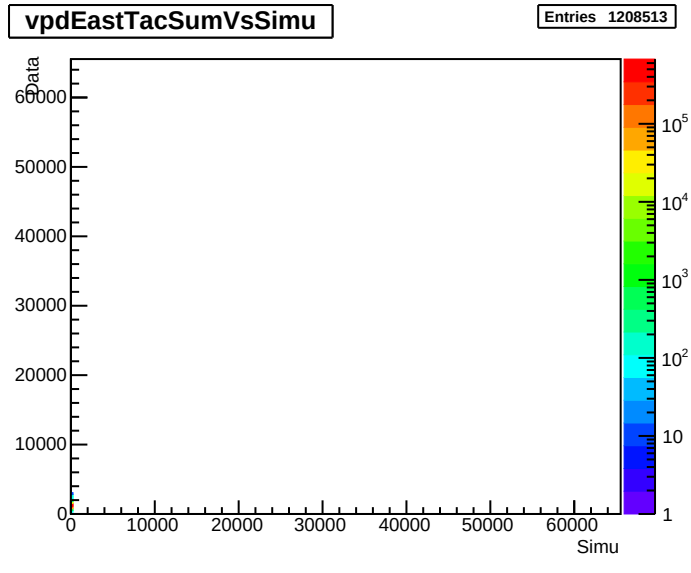

vpdEastAdcSum
Entries1624052

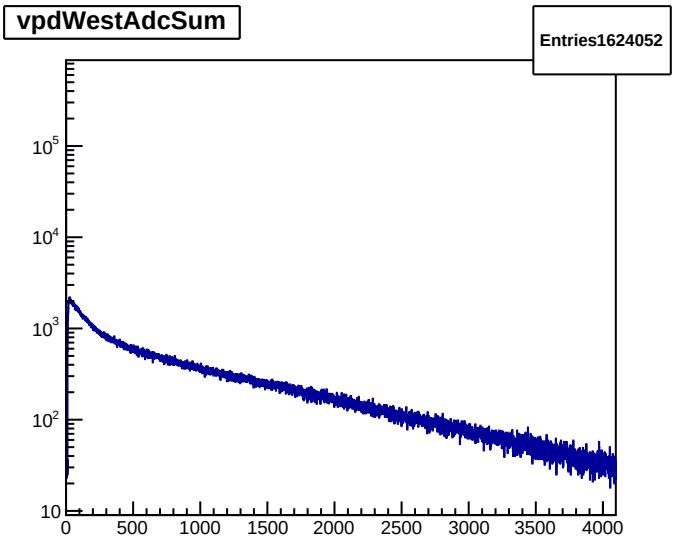

vpdEastAdcSumVsSimu
Entries 1208461
Data
Simu

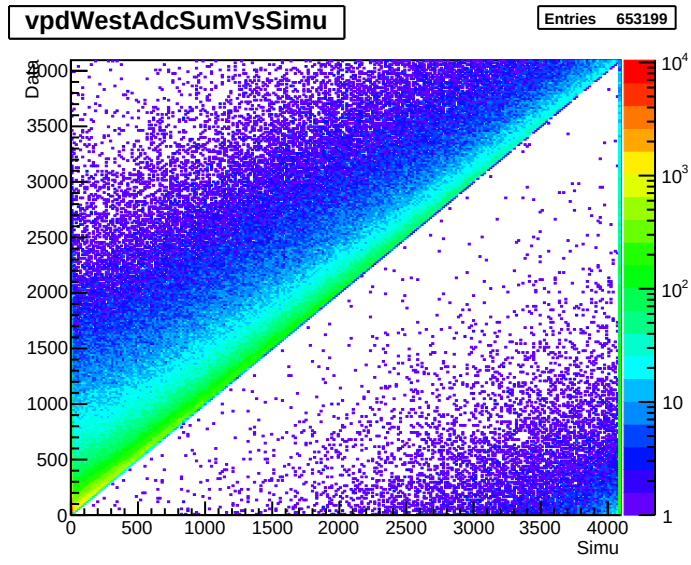

vpdEastNHits
Entries1624052

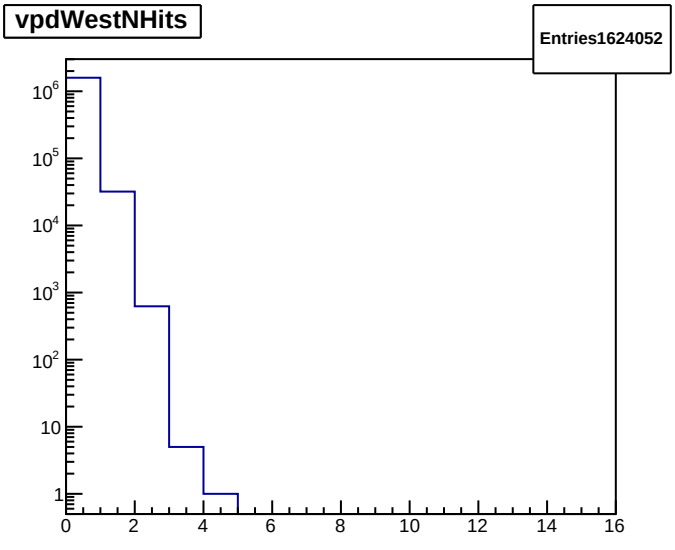

vpdEastNHitsVsSimu
Entries 59418

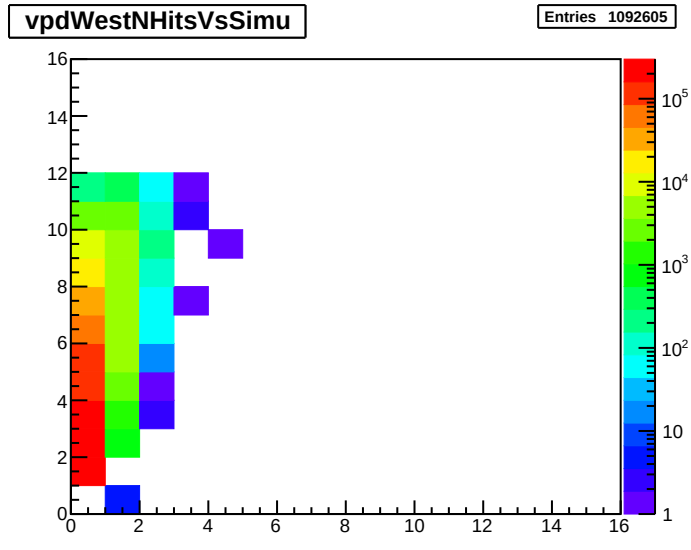

vpdEastTacSum
Entries1624052

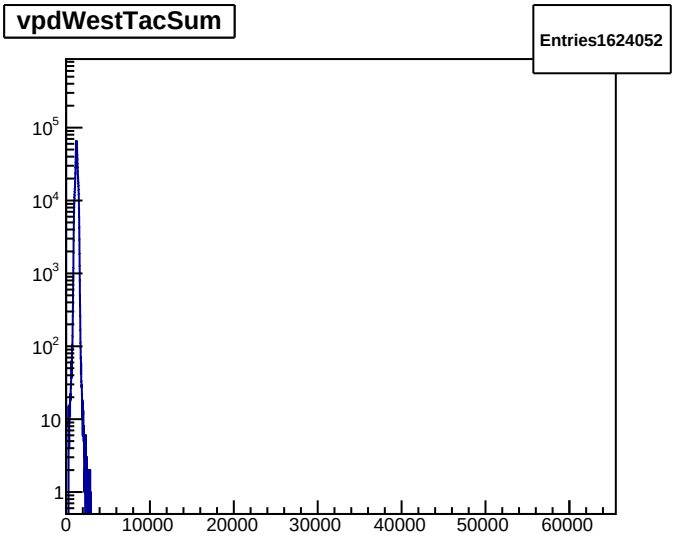

vpdEastTacSumVsSimu
Entries 1208513
Data
Simu

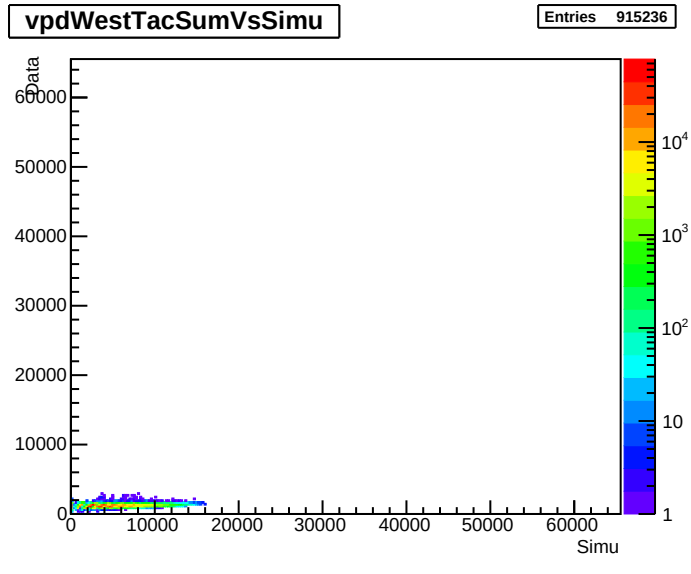

vpdWestAdcSum
Entries1624052

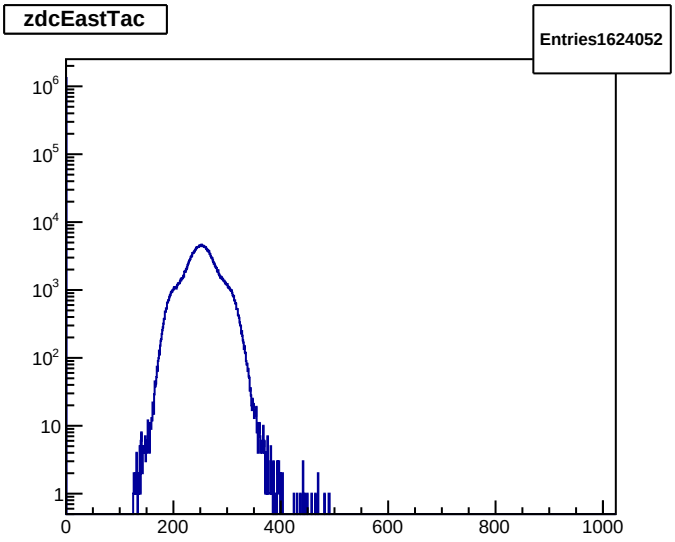

vpdWestAdcSumVsSimu
Entries 653199
Data
Simu

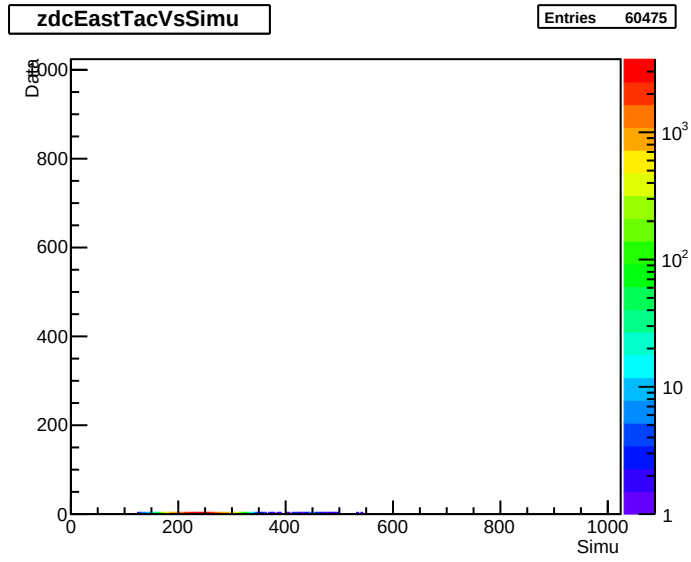

vpdWestNHits
Entries1624052

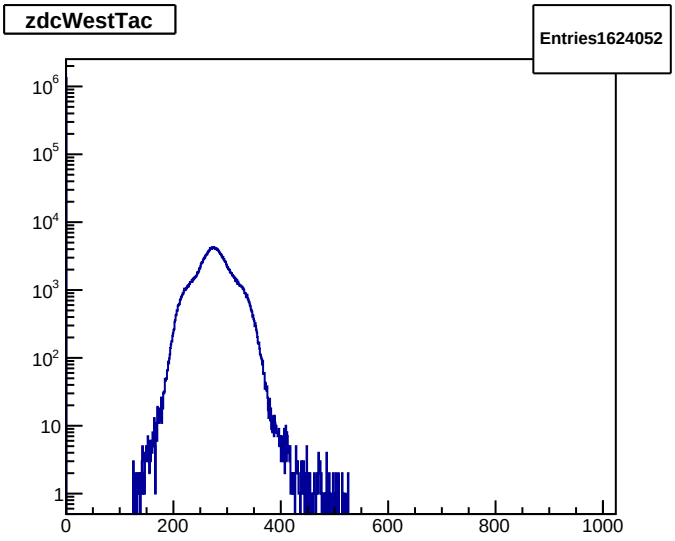

vpdWestNHitsVsSimu
Entries 1092605

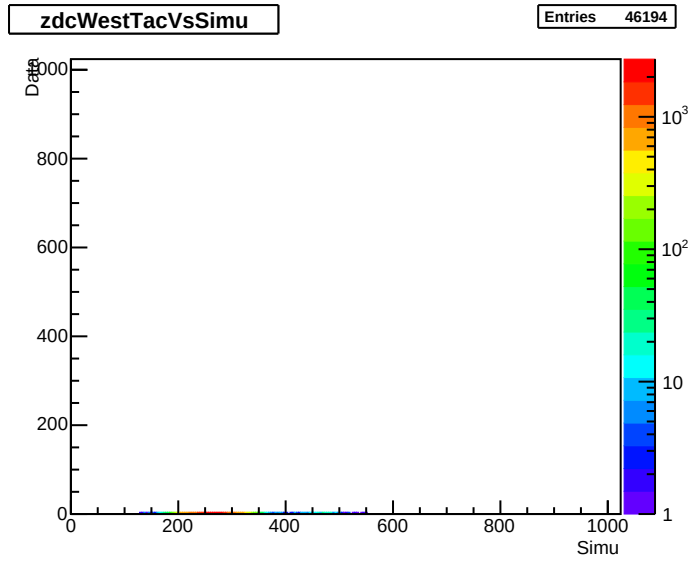

vpdWestTacSum
Entries1624052

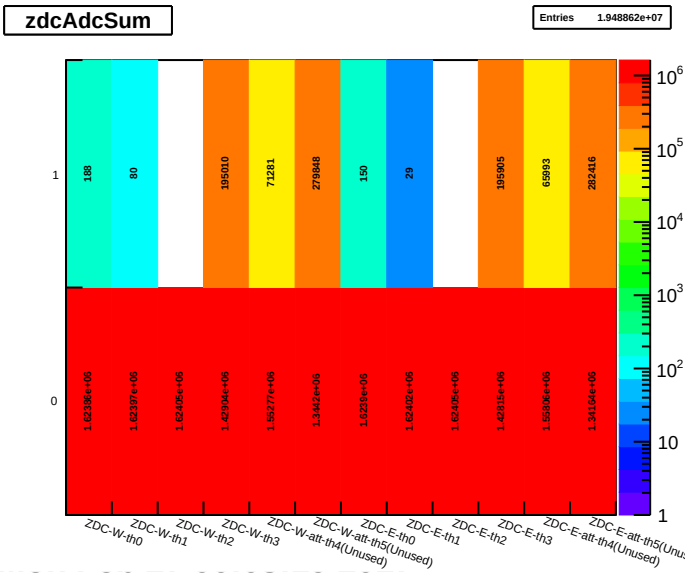

vpdWestTacSumVsSimu
Entries 915236
Data
Simu

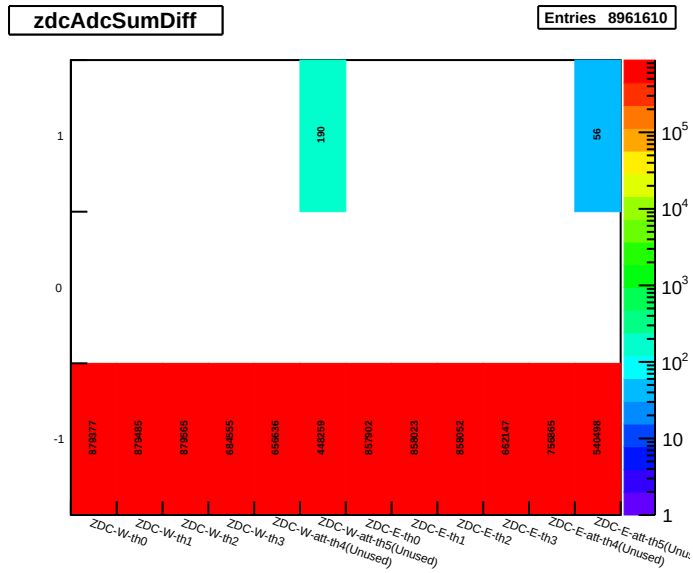

zdcEastTac
Entries1624052

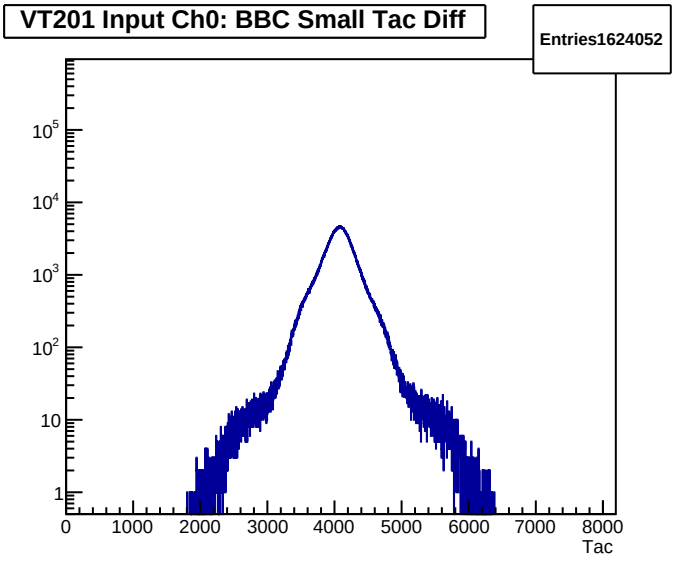

zdcEastTacVsSimu
Entries 60475
Data
Simu

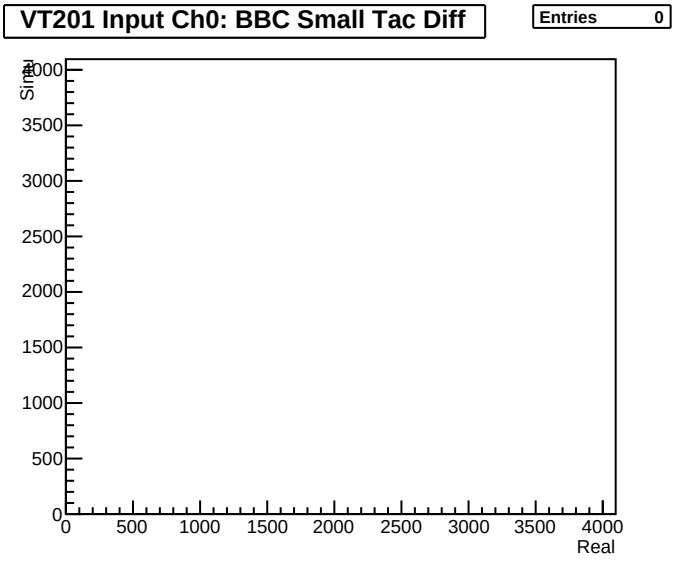

zdcWestTac
Entries1624052

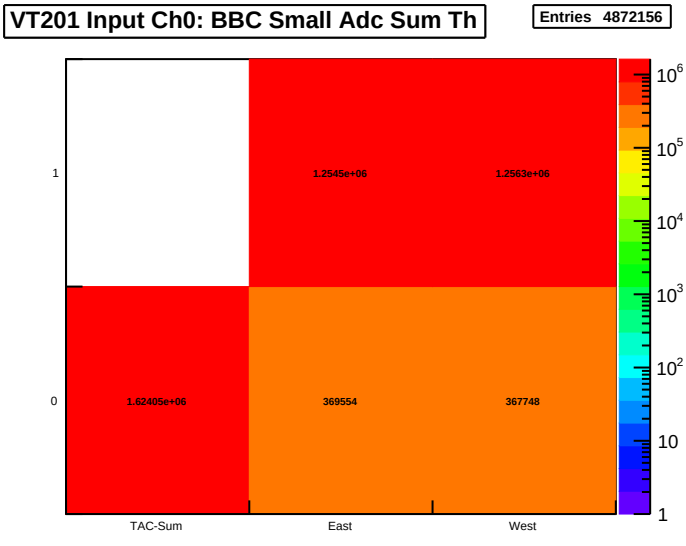

zdcWestTacVsSimu
Entries 46194
Data
Simu

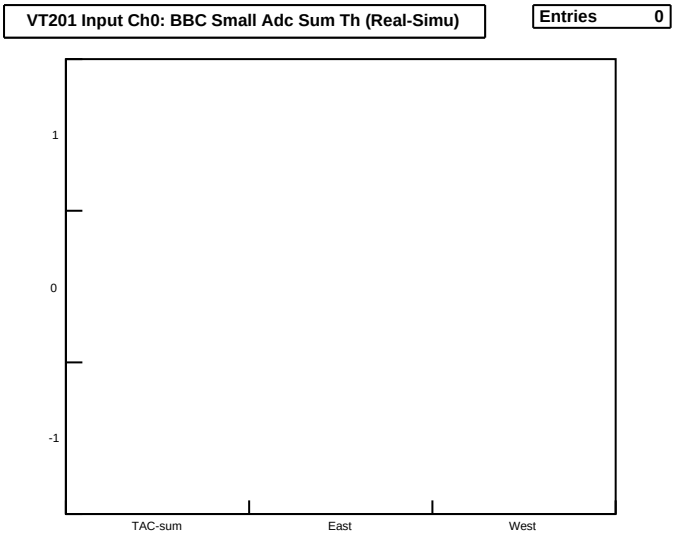

zdcAdcSum
Entries 1.948862e+07
188
80
195010
71281
279848
150
29
195905
65993
282416
1.62386e+06
1.62397e+06
1.62405e+06
1.42904e+06
1.55277e+06
1.3442e+06
1.6239e+06
1.62402e+06
1.62405e+06
1.42815e+06
1.55808e+06
1.34164e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

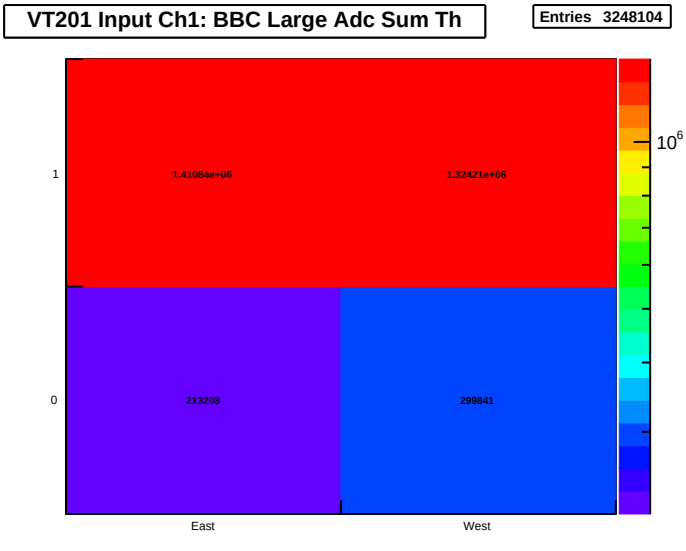

zdcAdcSumDiff
Entries 8961610
190
56
873377
879485
875565
684555
656636
448259
857902
858023
858052
662147
758865
540498
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

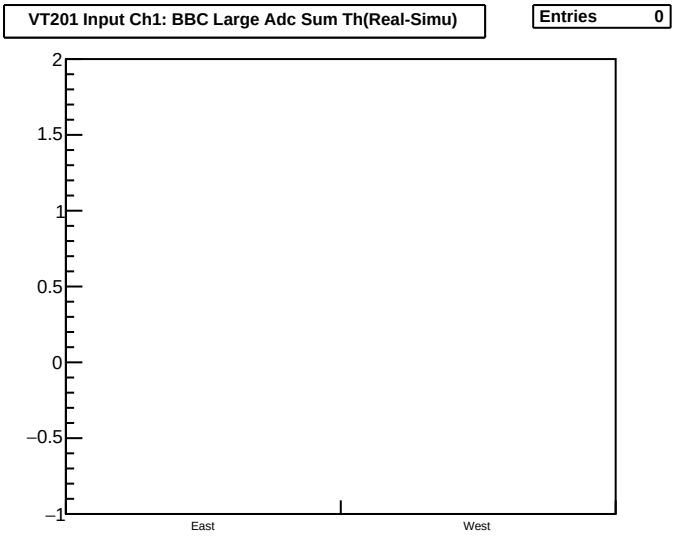

VT201 Input Ch0: BBC Small Tac Diff
Entries1624052
Tac


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

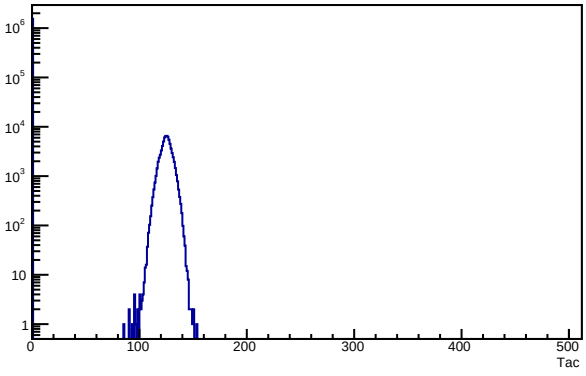

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4872156
1.2545e+06
1.2563e+06
1.62405e+06
369554
367748
TAC-Sum
East
West


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

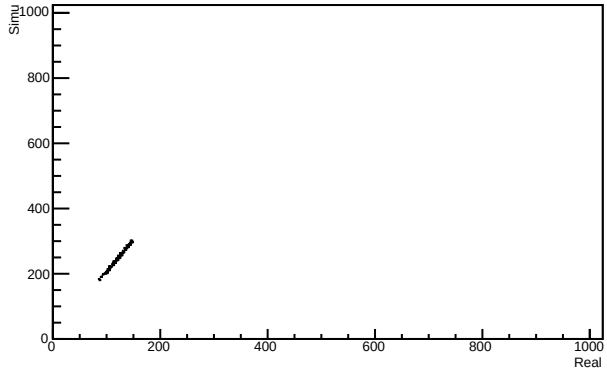

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 3248104
1.41084e+06
1.32421e+06
213208
299841
East
West


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

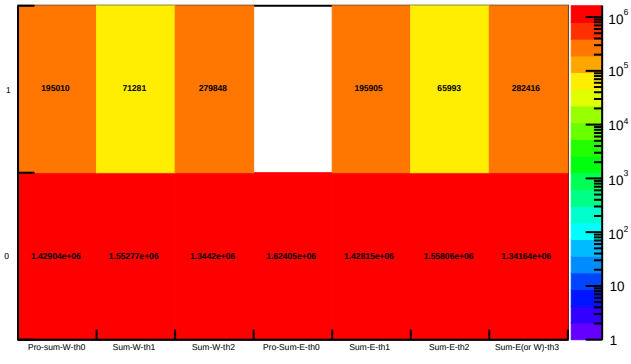
VT201 Input Ch2: ZDC Tac Diff



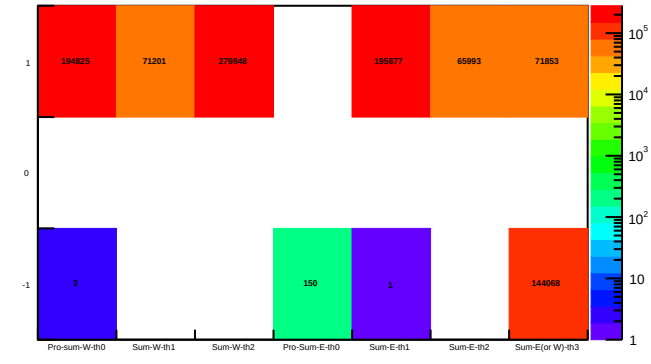
VT201 Input Ch2: ZDC Tac Diff



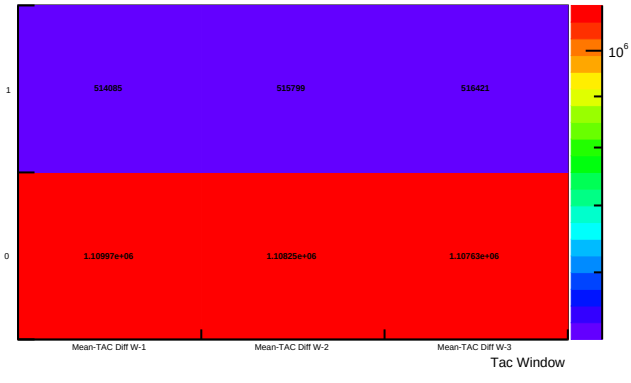
VT201 Input Ch2: ZDC Adc Sum Th



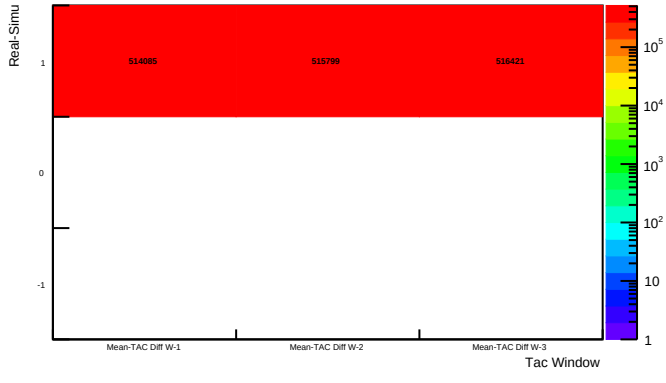
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



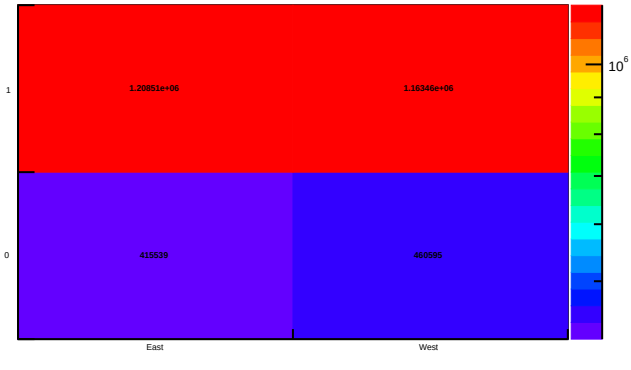
VT201 Input Ch4: VPD Tac Diff



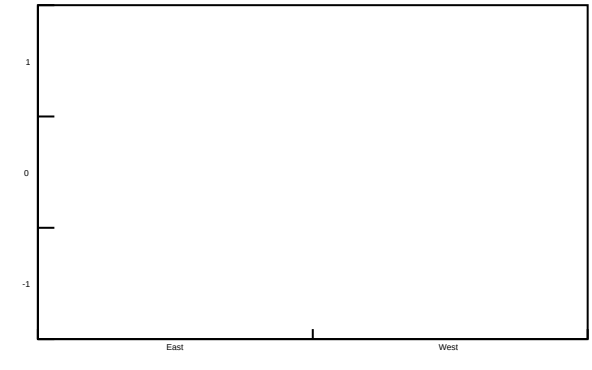
VT201 Input Ch4: VPD Tac Diff

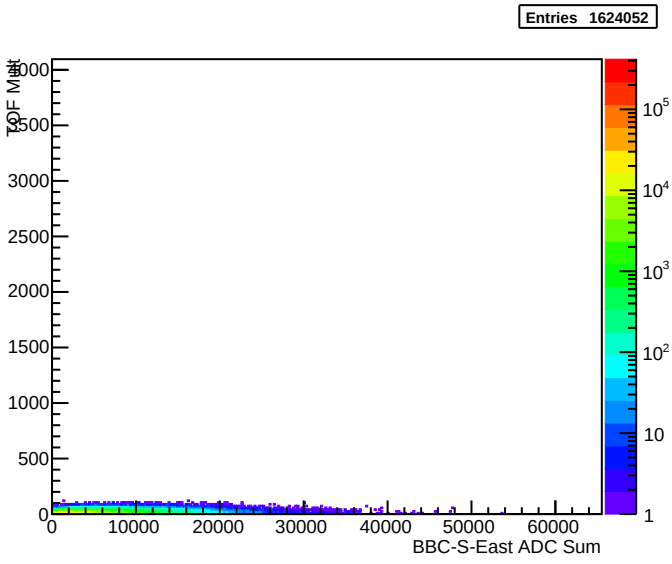


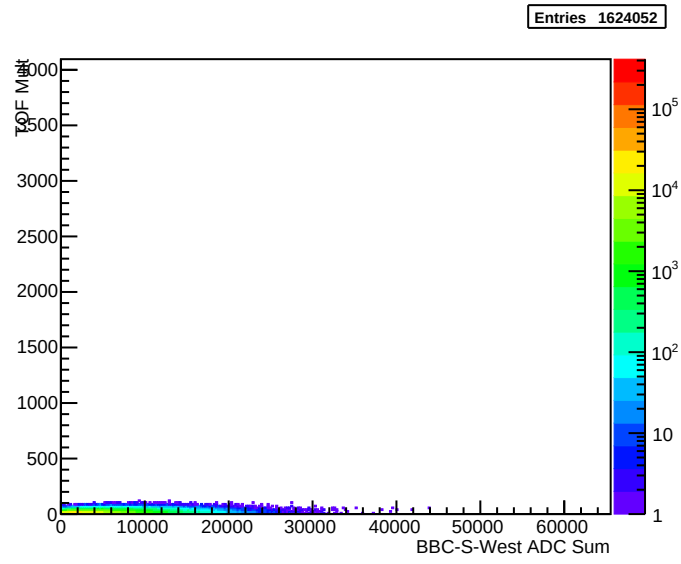
VT201 Input Ch4: VPD Adc Sum Th

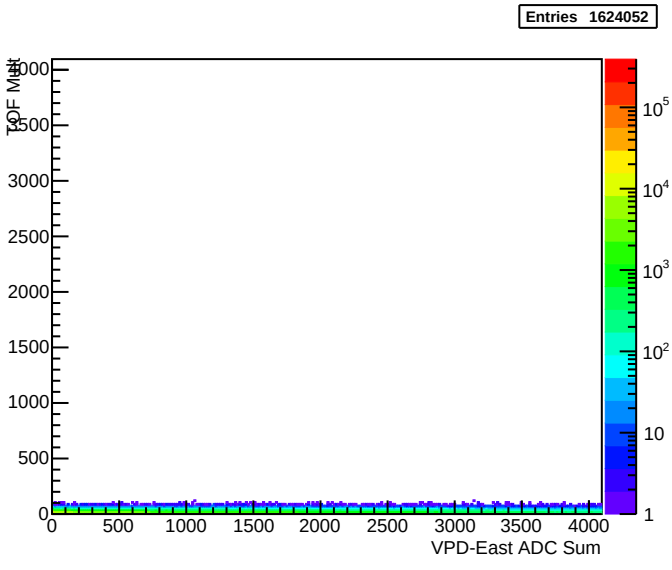


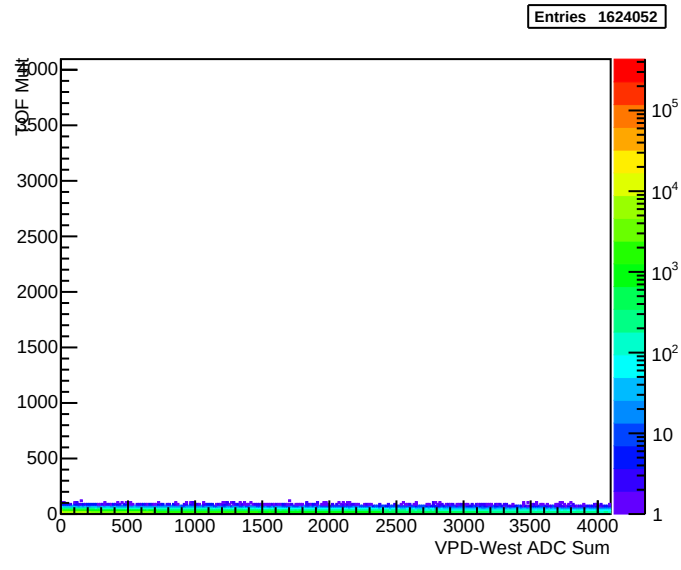
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

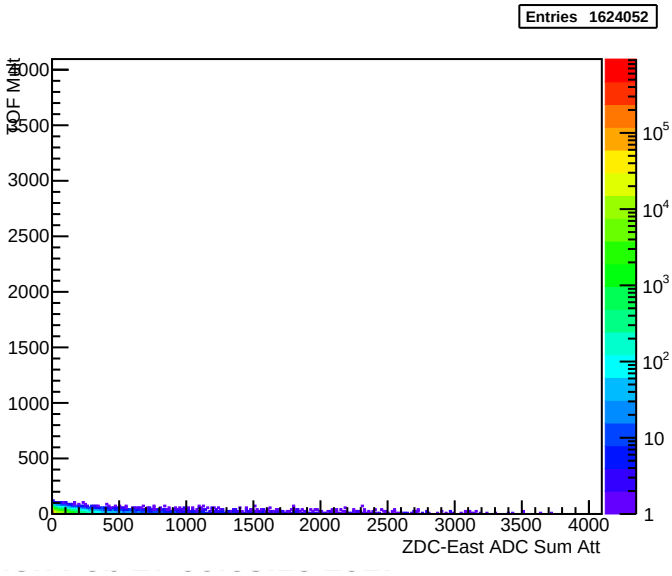


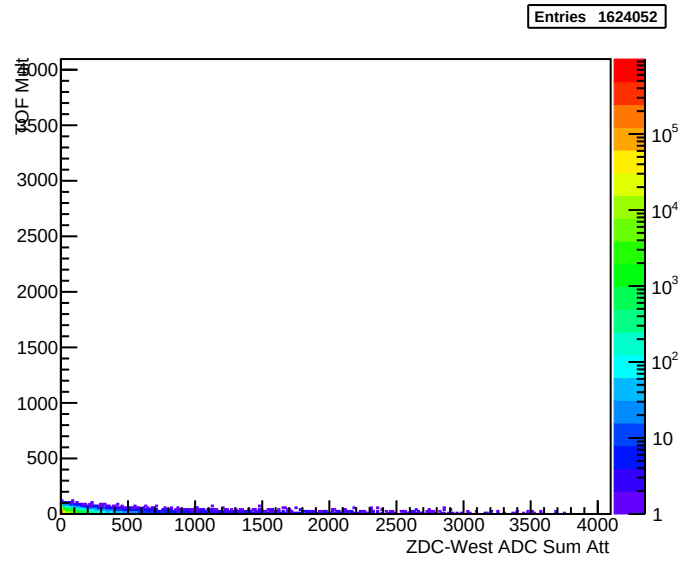

Entries 1624052
TOF Mult
BBC-S-East ADC Sum

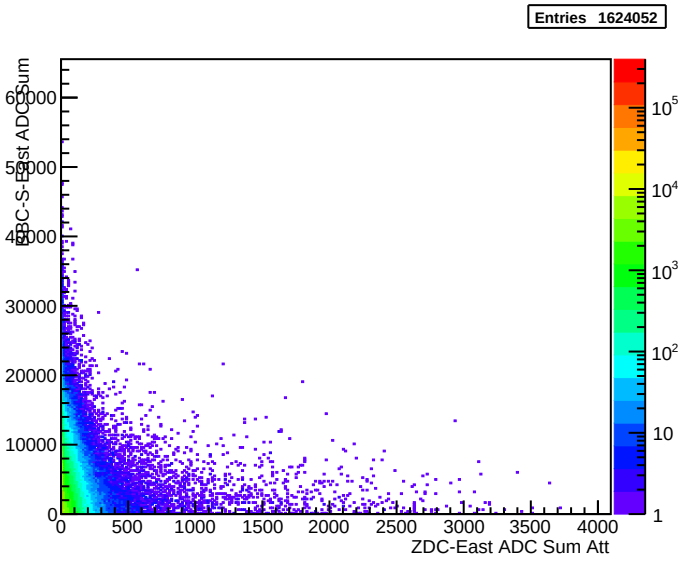

Entries 1624052
TOF Mult
BBC-S-West ADC Sum

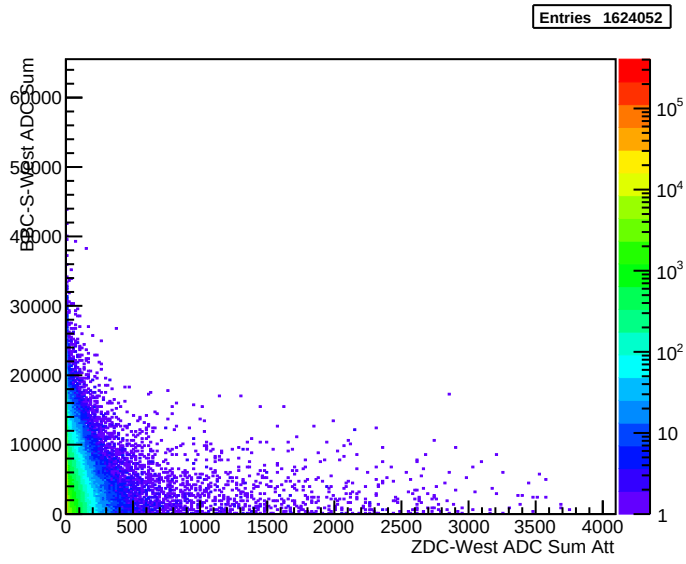

Entries 1624052
TOF Mult
VPD-East ADC Sum

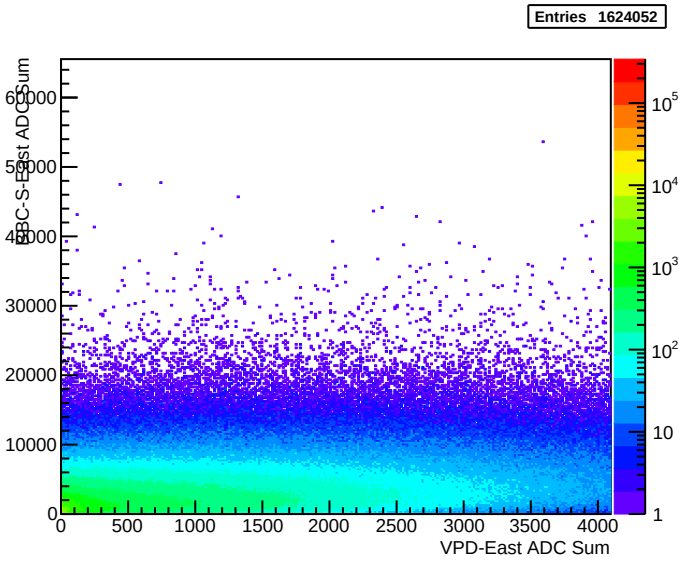

Entries 1624052
TOF Mult
VPD-West ADC Sum

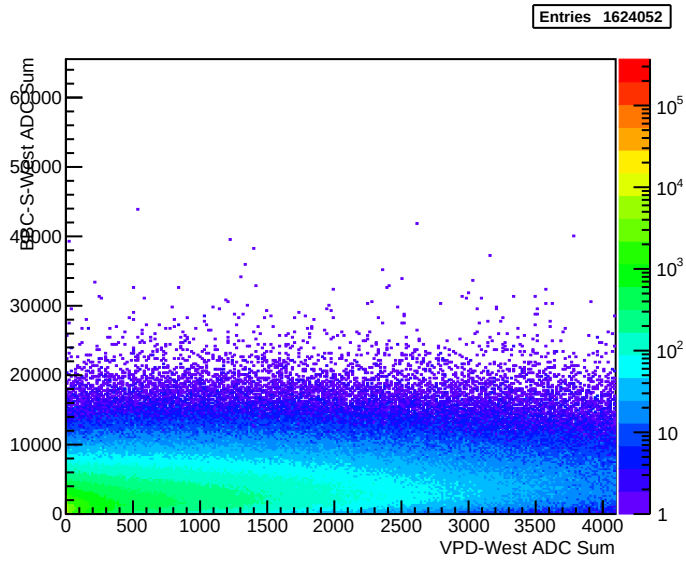

Entries 1624052
TOF Mult
ZDC-East ADC Sum Att

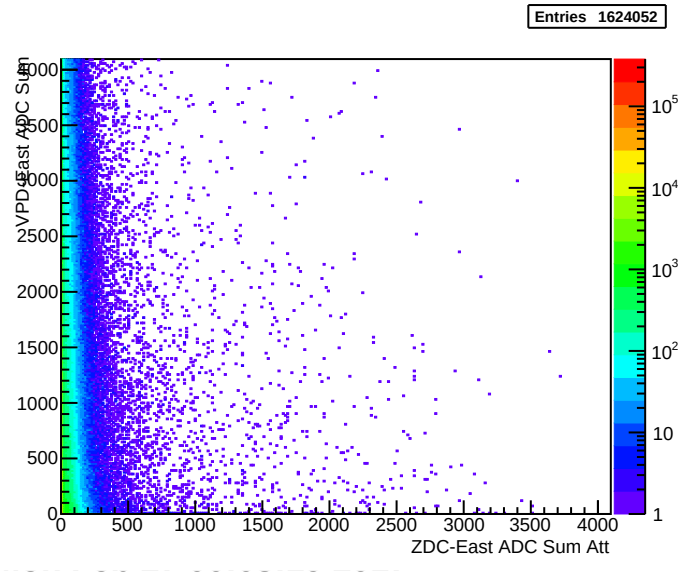

Entries 1624052
TOF Mult
ZDC-West ADC Sum Att

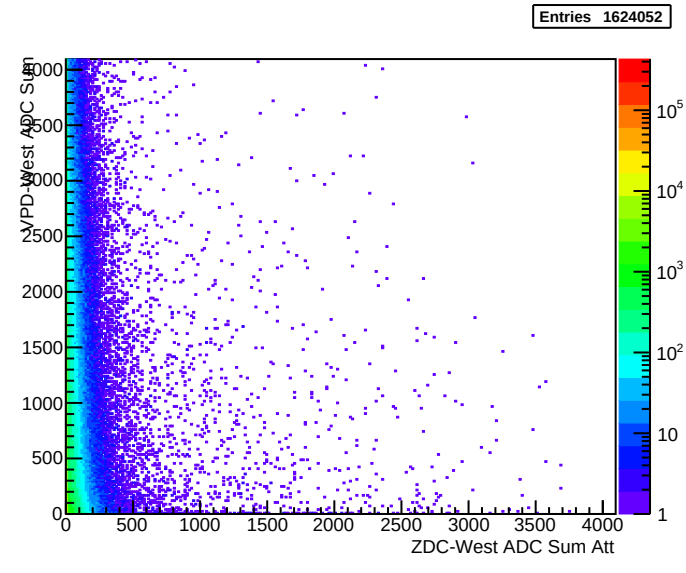

Entries 1624052
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

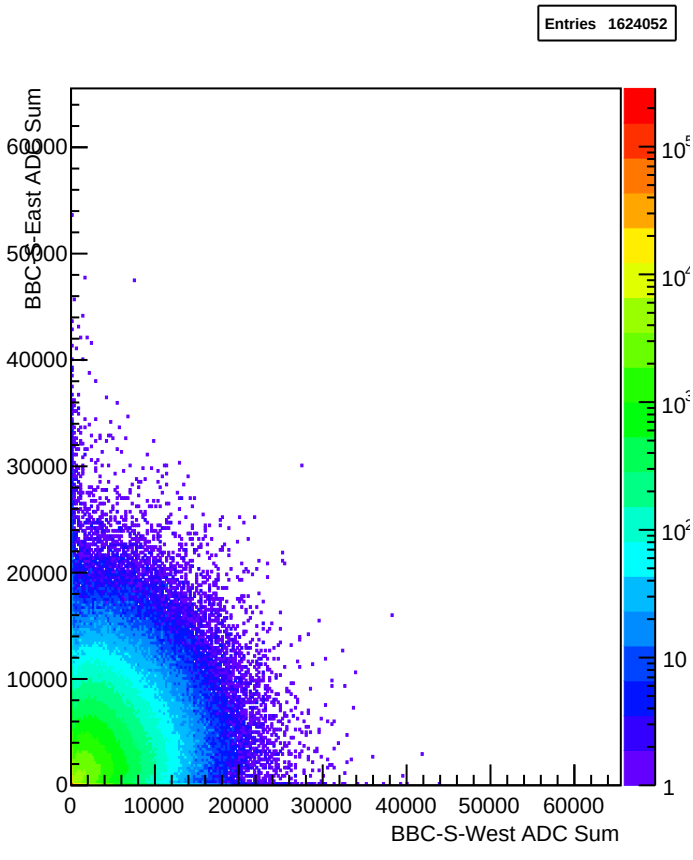

Entries 1624052
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

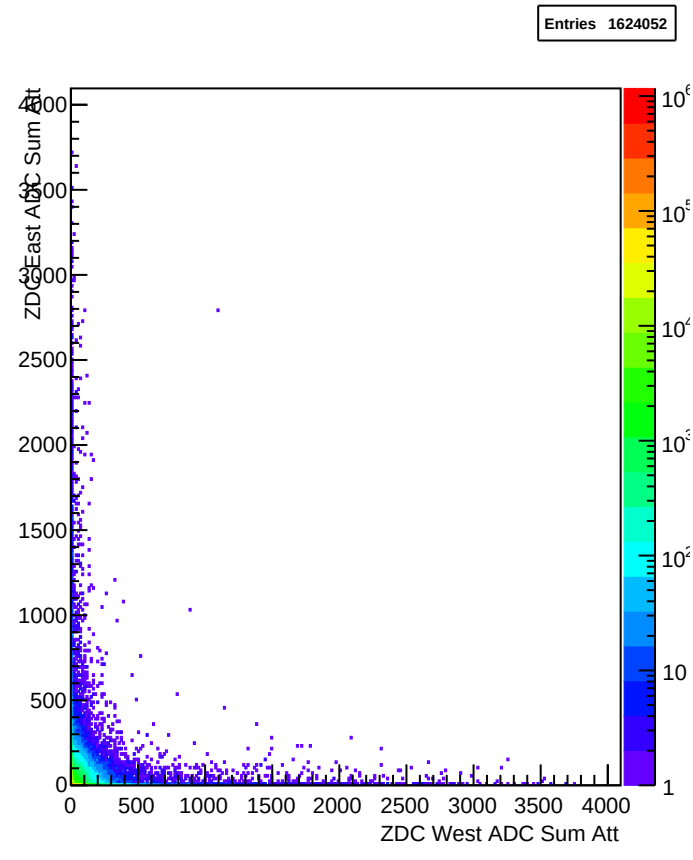

Entries 1624052
BBC-S-East ADC Sum
VPD-East ADC Sum

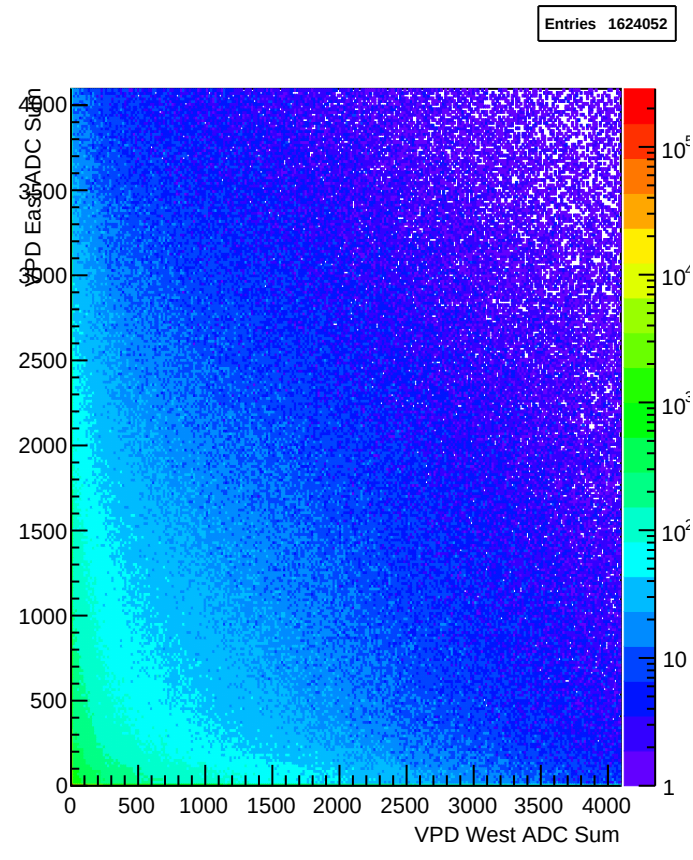

Entries 1624052
BBC-S-West ADC Sum
VPD-West ADC Sum

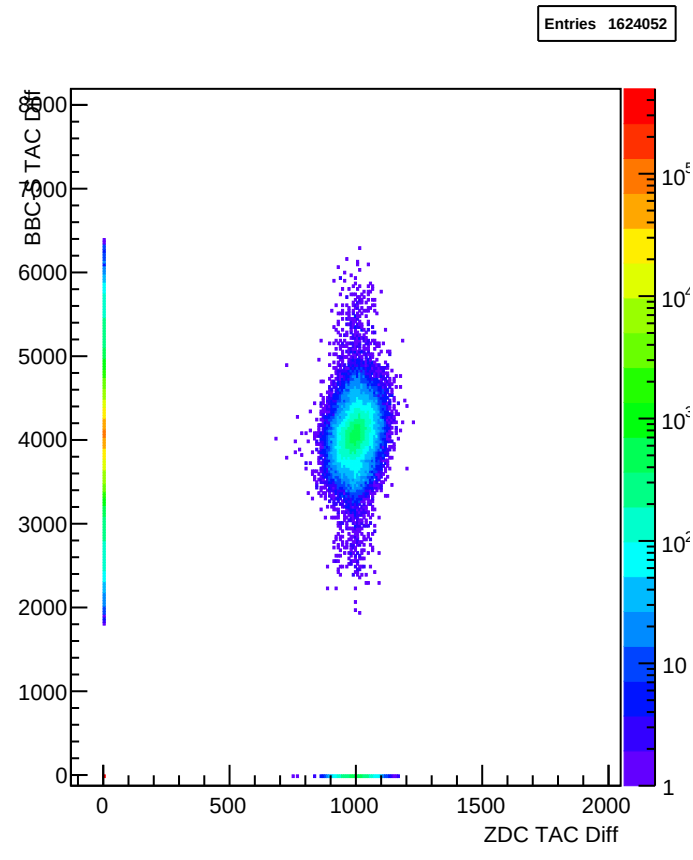

Entries 1624052
VPD-East ADC Sum
ZDC-East ADC Sum Att

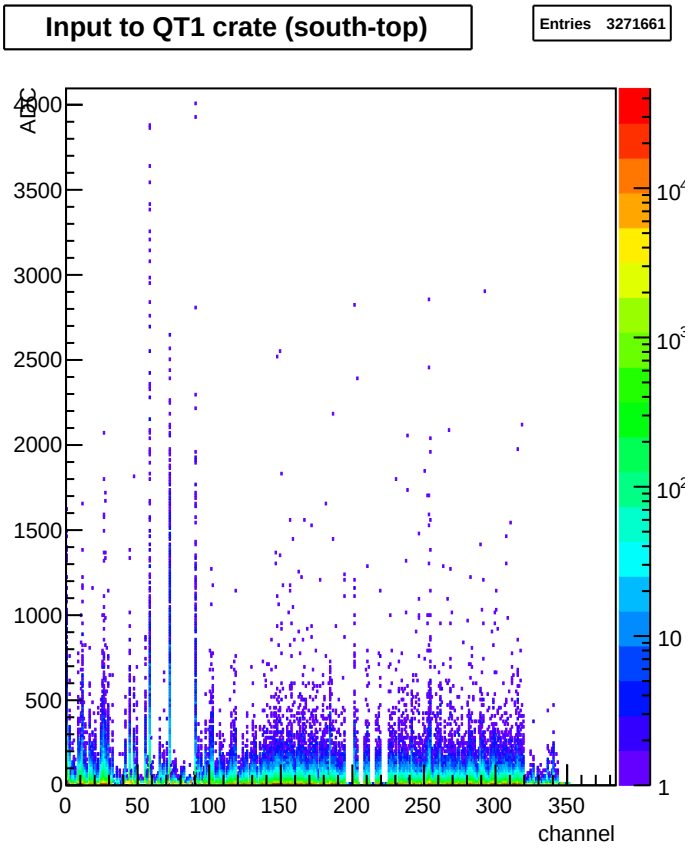

Entries 1624052
VPD-West ADC Sum
ZDC-West ADC Sum Att

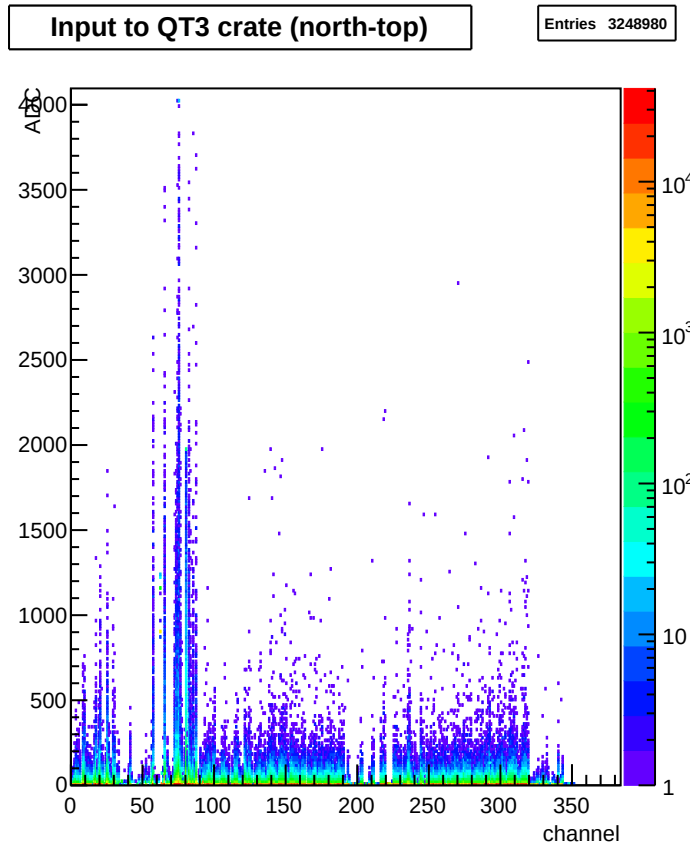

Entries 1624052
BBC-S-East ADC Sum
BBC-S-West ADC Sum

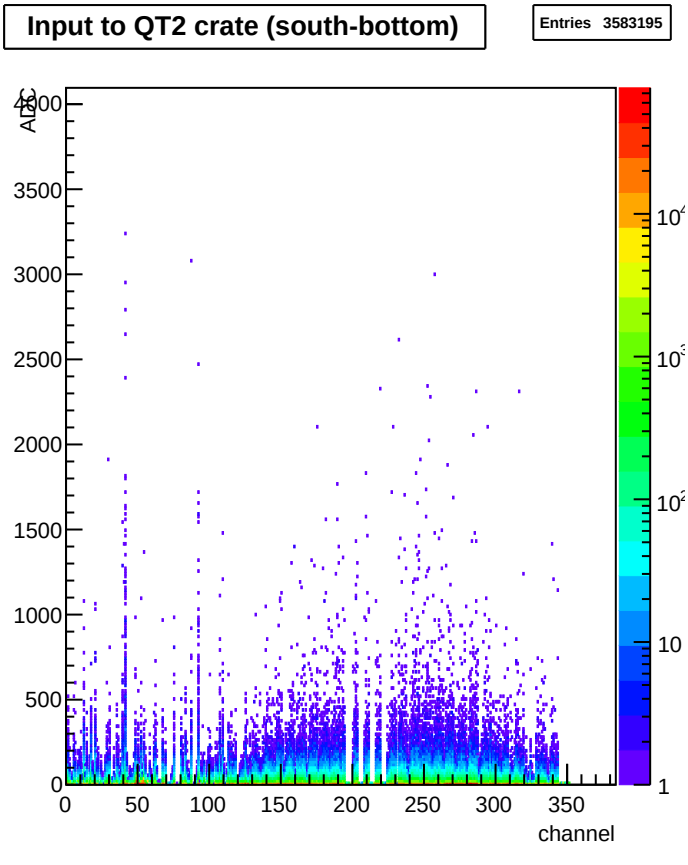

Entries 1624052
ZDC East ADC Sum Att
ZDC West ADC Sum Att

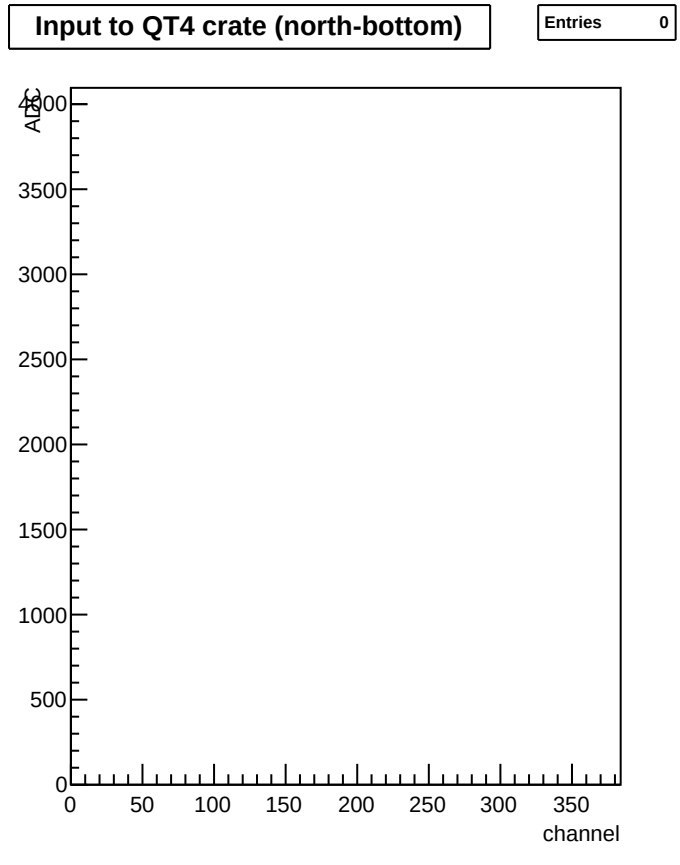

Entries 1624052
VPD East ADC Sum
VPD West ADC Sum

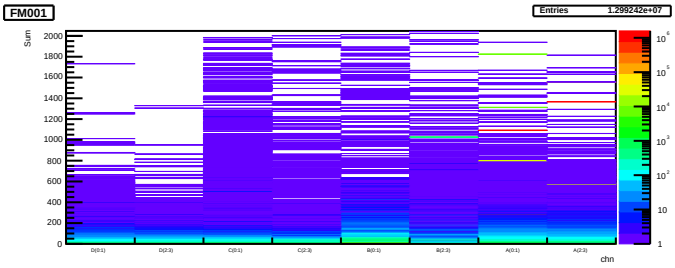

Entries 1624052
BBC-S TAC Diff
ZDC TAC Diff

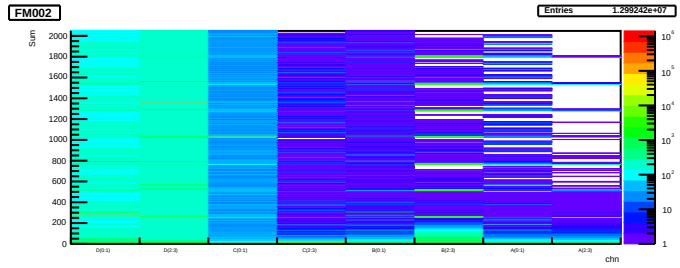

Input to QT1 crate (south-top)
Entries 3271661
ADC
channel

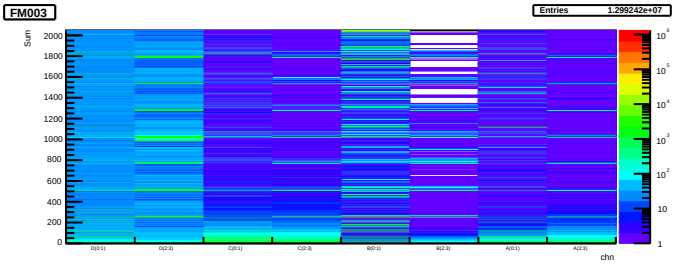

Input to QT3 crate (north-top)
Entries 3248980
ADC
channel

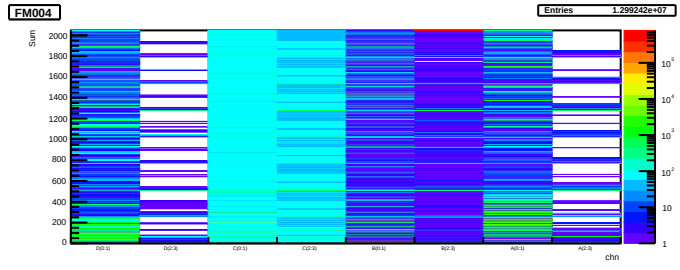

Input to QT2 crate (south-bottom)
Entries 3583195
ADC
channel

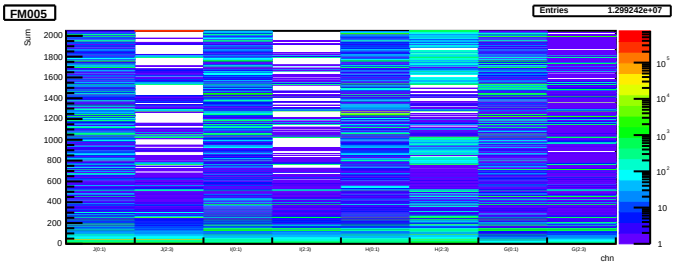

Input to QT4 crate (north-bottom)
Entries 0
ADC
channel

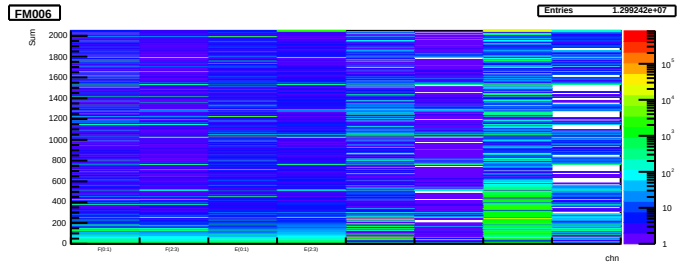

FM001
Entries 1.299242e+07
Sum
chn

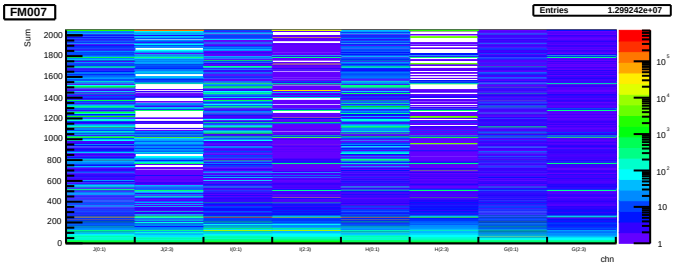

FM002
Entries 1.299242e+07
Sum
chn

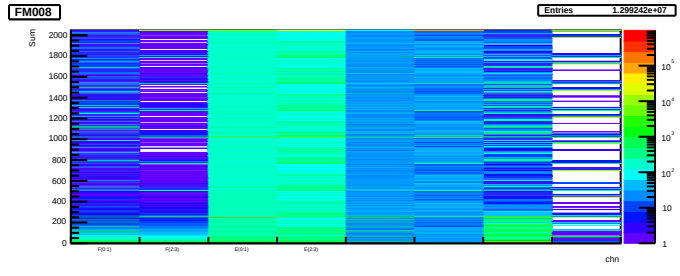

FM003
Entries 1.299242e+07
Sum
chn

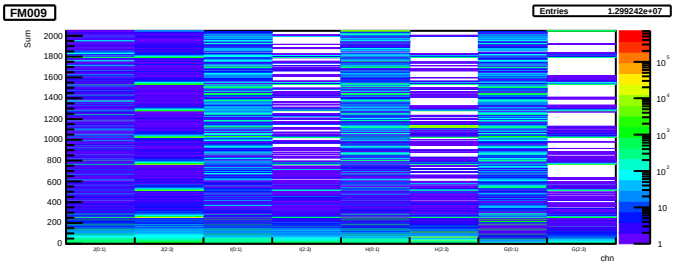

FM004
Entries 1.299242e+07
Sum
chn

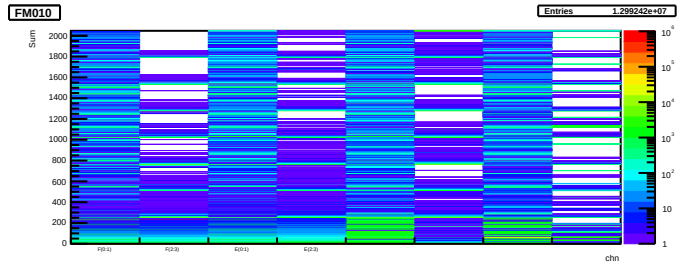

FM005
Entries 1.299242e+07
Sum
chn

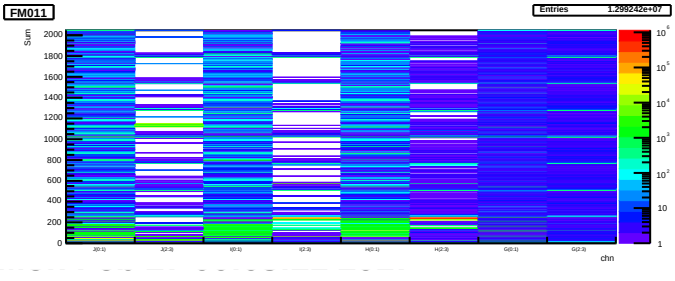

FM006
Entries 1.299242e+07
Sum
chn

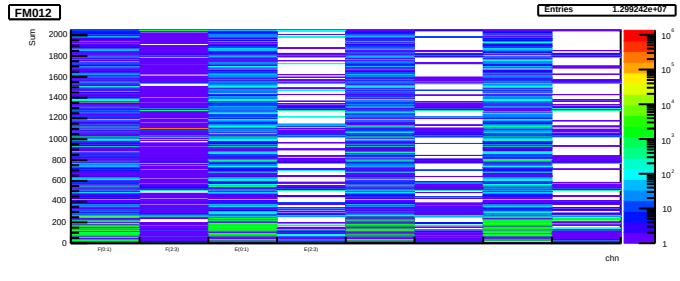

FM007
Entries 1.299242e+07
Sum
chn

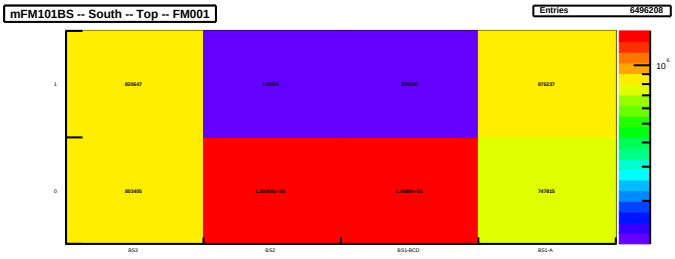

FM008
Entries 1.299242e+07
Sum
chn

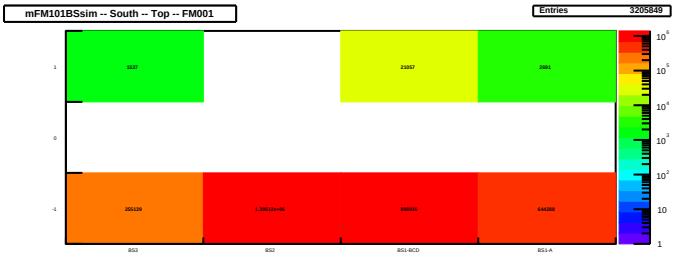

FM009
Entries 1.299242e+07
Sum
chn

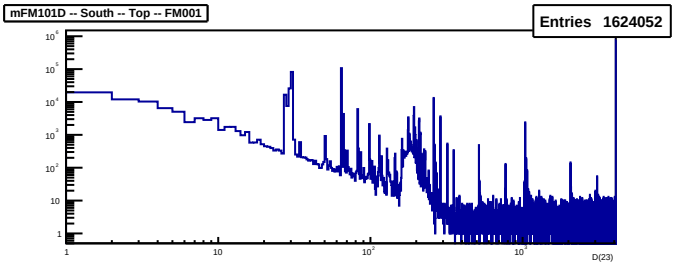

FM010
Entries 1.299242e+07
Sum
chn

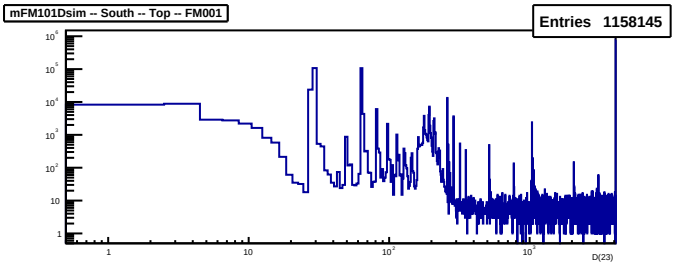

FM011
Entries 1.299242e+07
Sum
chn

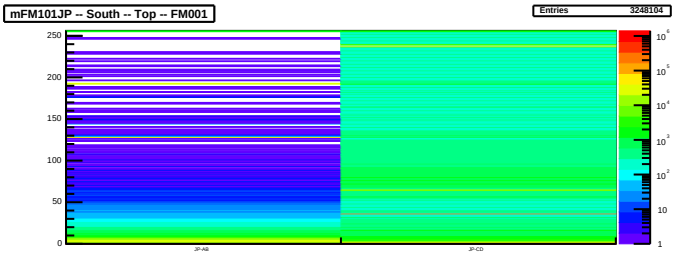

FM012
Entries 1.299242e+07
Sum
chn

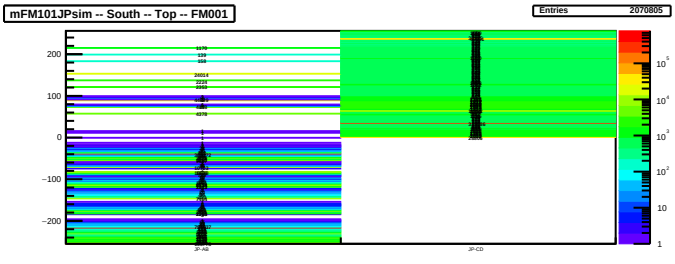

mFM101BS -- South -- Top -- FM001
Entries 6496208

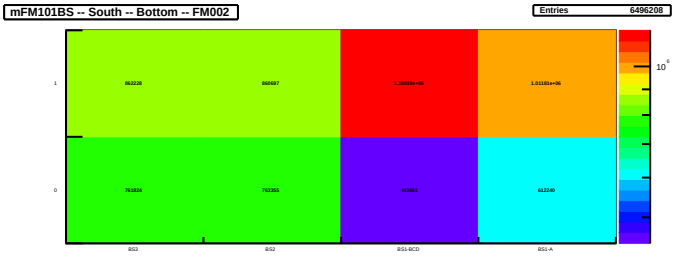

mFM101BSsim -- South -- Top -- FM001
Entries 3205849

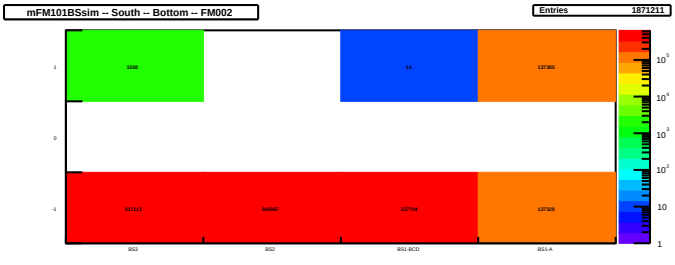

mFM101D -- South -- Top -- FM001
Entries 1624052
D(23)

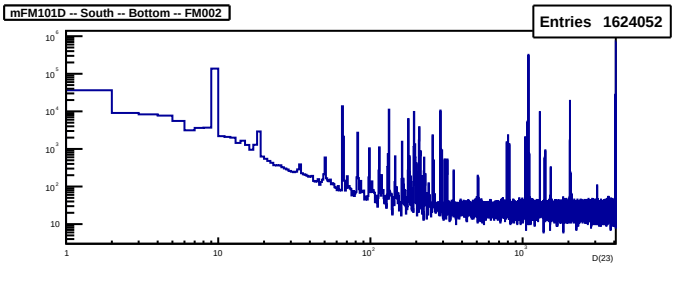

mFM101Dsim -- South -- Top -- FM001
Entries 1158145
D(23)

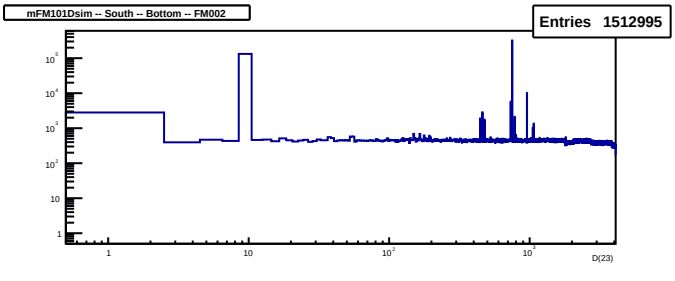

mFM101JP -- South -- Top -- FM001
Entries 3248104

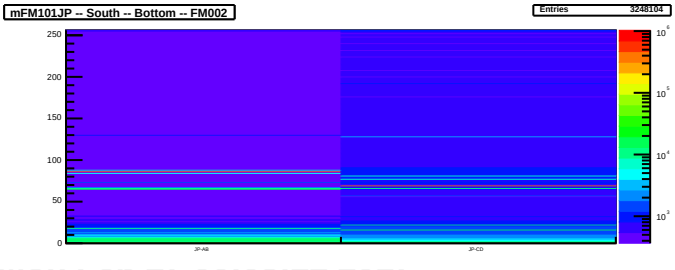

mFM101JPsim -- South -- Top -- FM001
Entries 2070805

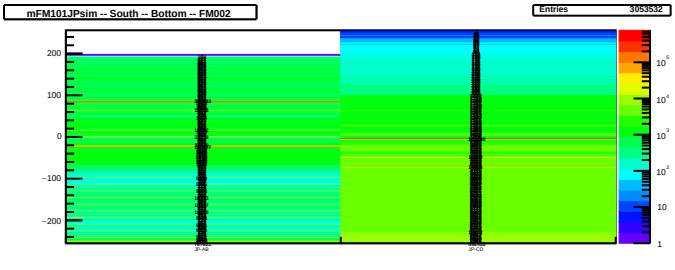

mFM101BS -- South -- Bottom -- FM002
Entries 6496208

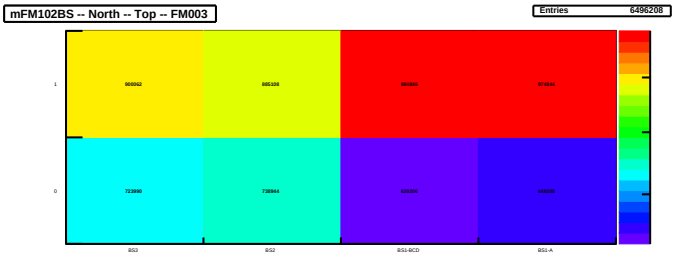

mFM101BSsim -- South -- Bottom -- FM002
Entries 1871211

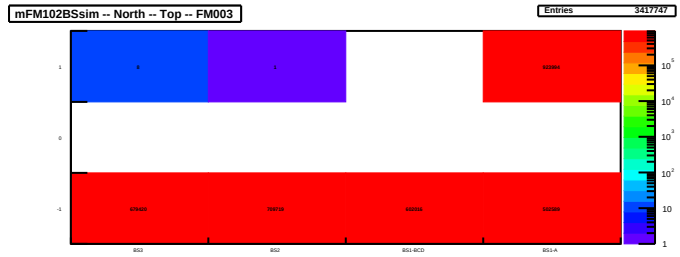

mFM101D -- South -- Bottom -- FM002
Entries 1624052
D(23)

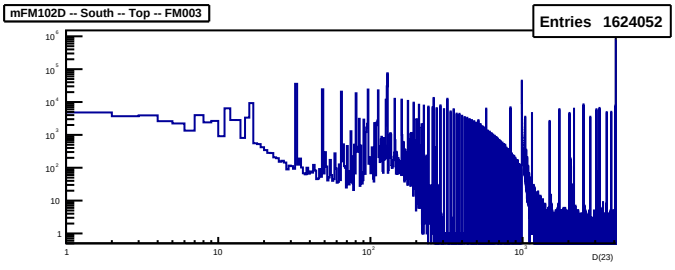

mFM101Dsim -- South -- Bottom -- FM002
Entries 1512995
D(23)

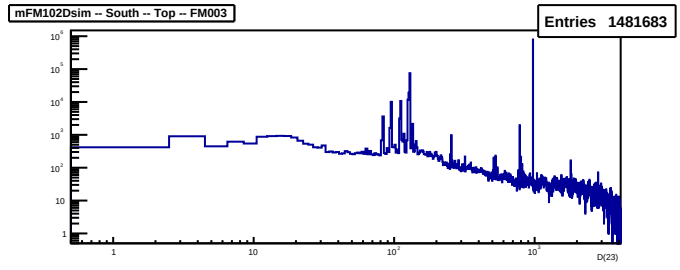

mFM101JP -- South -- Bottom -- FM002
Entries 3248104

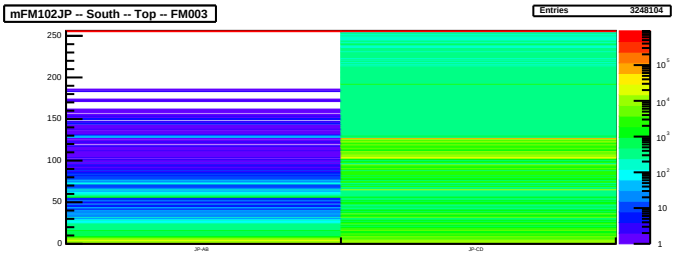

mFM101JPsim -- South -- Bottom -- FM002
Entries 3053532

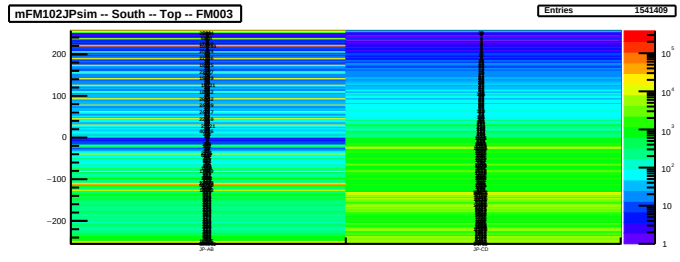

mFM102BS -- North -- Top -- FM003
Entries 6496208

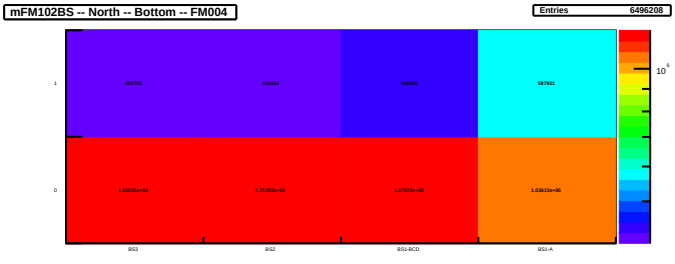

mFM102BSsim -- North -- Top -- FM003
Entries 3417747

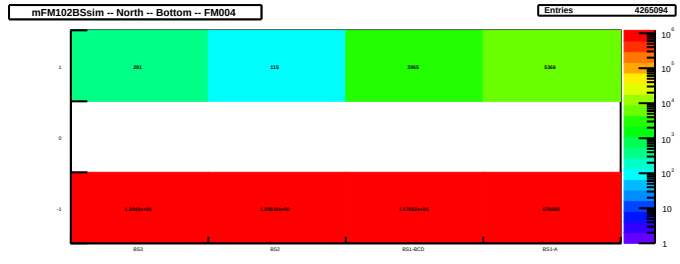

mFM102D -- South -- Top -- FM003
Entries 1624052
D(23)

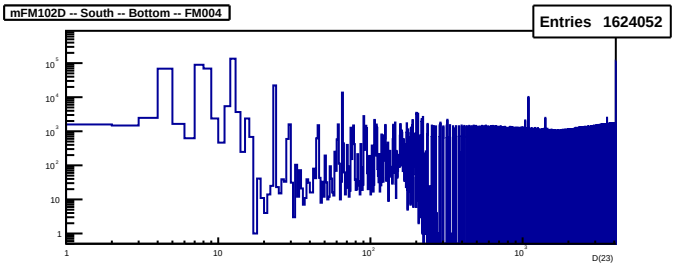

mFM102Dsim -- South -- Top -- FM003
Entries 1481683
D(23)

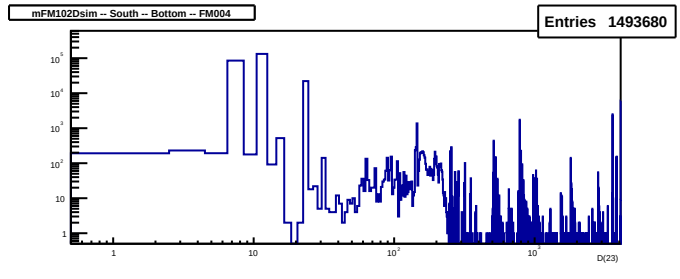

mFM102JP -- South -- Top -- FM003
Entries 3248104

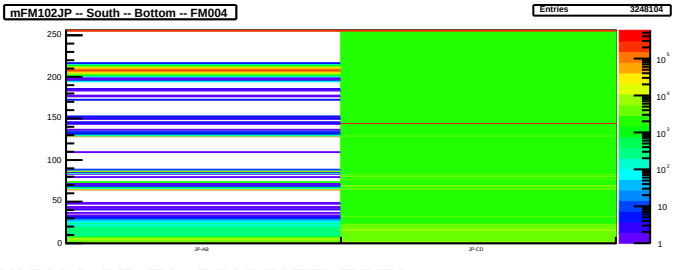

mFM102JPsim -- South -- Top -- FM003
Entries 1541409

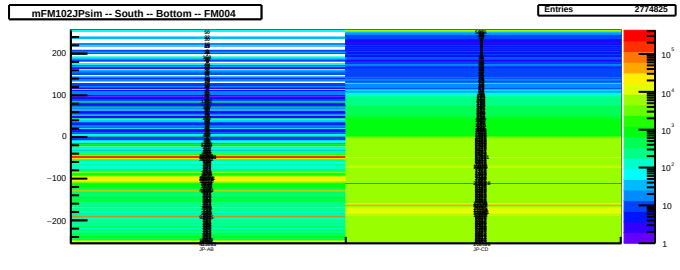

mFM102BS -- North -- Bottom -- FM004
Entries 6496208

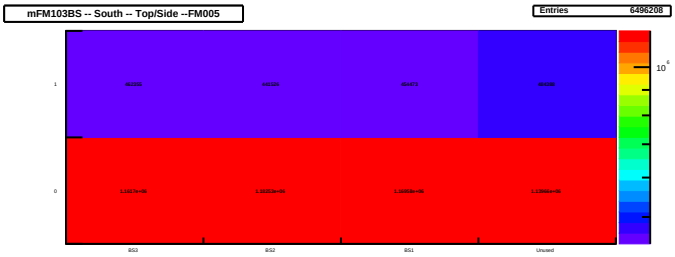

mFM102BSsim -- North -- Bottom -- FM004
Entries 4265094

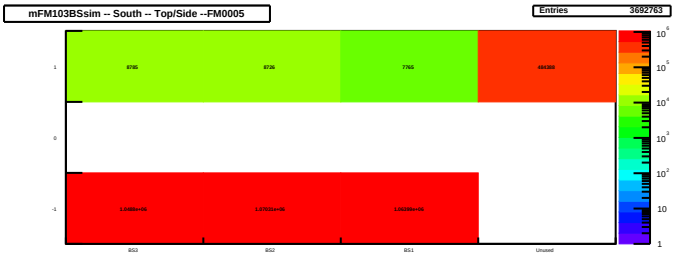

mFM102D -- South -- Bottom -- FM004
Entries 1624052
D(23)

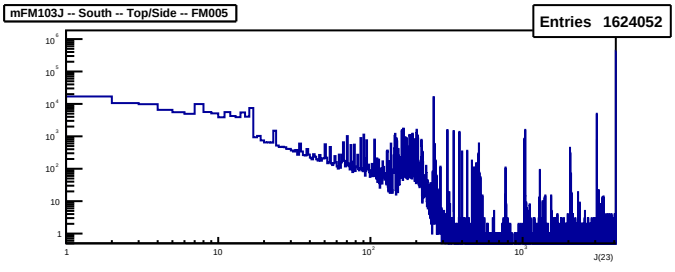

mFM102Dsim -- South -- Bottom -- FM004
Entries 1493680
D(23)

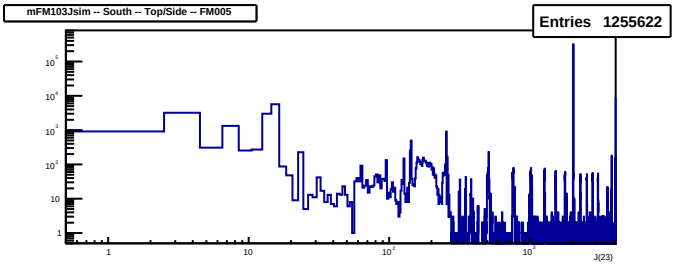

mFM102JP -- South -- Bottom -- FM004
Entries 3248104

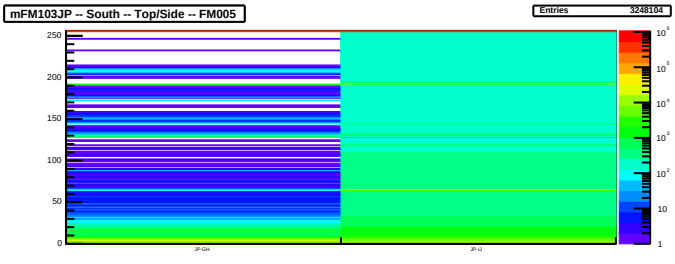

mFM102JPsim -- South -- Bottom -- FM004
Entries 2774825

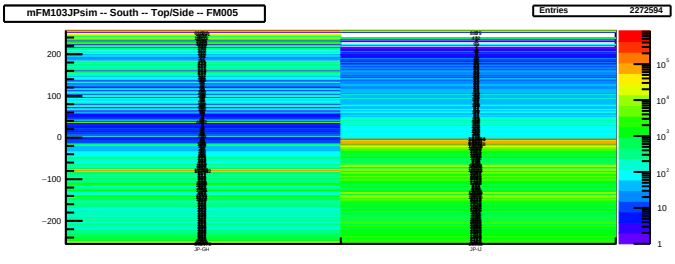

mFM103BS -- South -- Top/Side --FM005
Entries 6496208

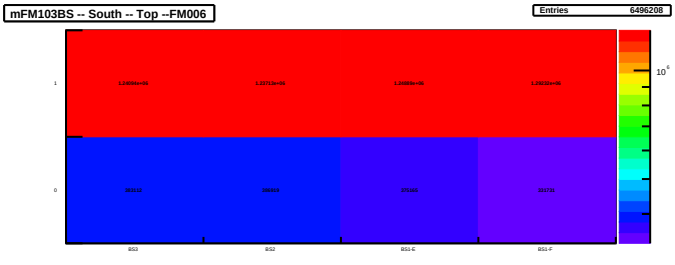

mFM103BSsim -- South -- Top/Side --FM0005
Entries 3692763

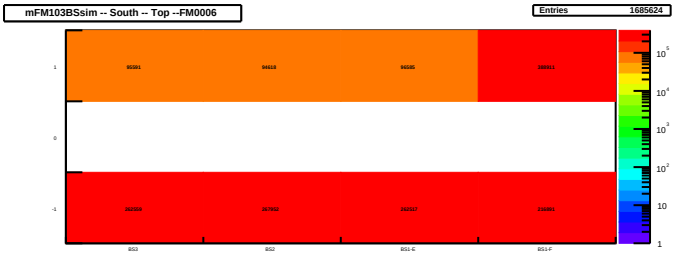

mFM103J -- South -- Top/Side -- FM005
Entries 1624052
J(23)

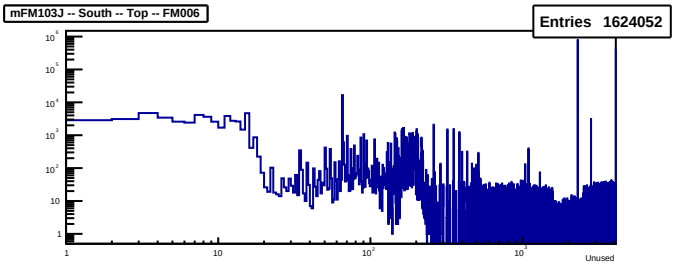

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1255622
J(23)

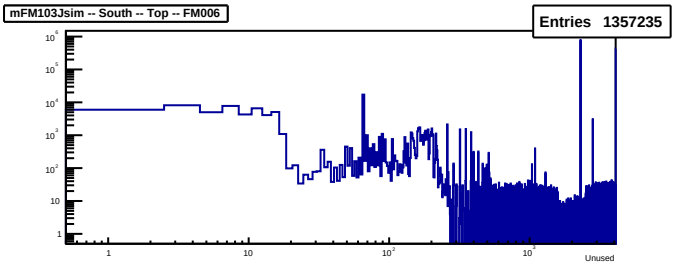

mFM103JP -- South -- Top/Side -- FM005
Entries 3248104

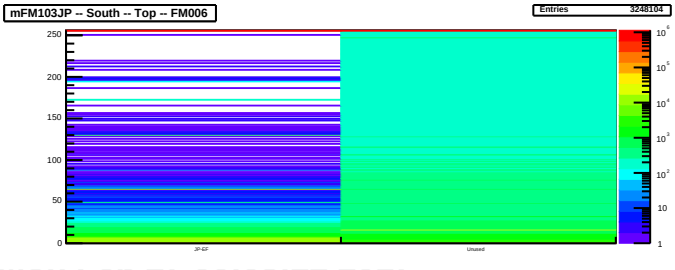

mFM103JPsim -- South -- Top/Side -- FM005
Entries 2272594

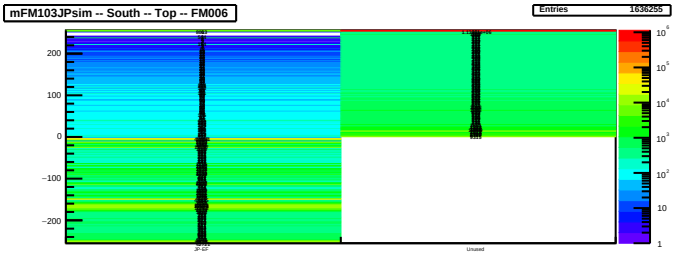

mFM103BS -- South -- Top --FM006
Entries 6496208

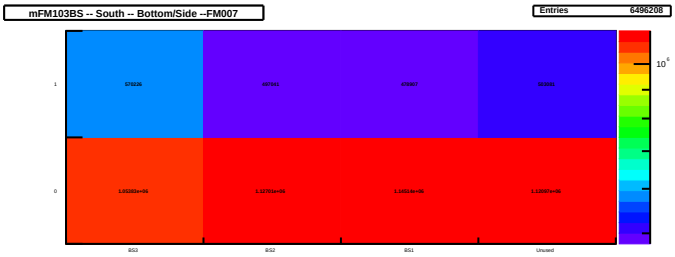

mFM103BSsim -- South -- Top --FM0006
Entries 1685624

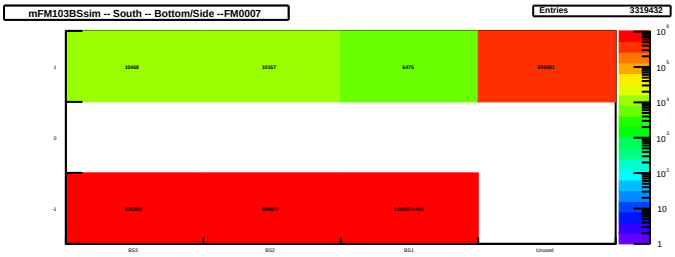

mFM103J -- South -- Top -- FM006
Entries 1624052
Unused

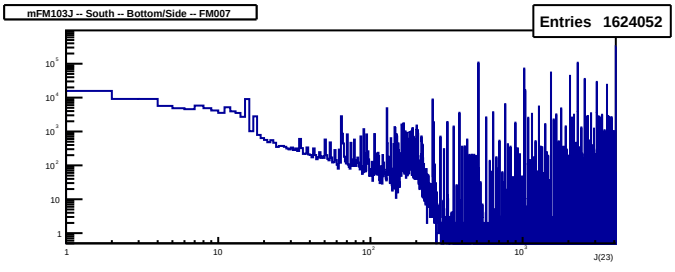

mFM103Jsim -- South -- Top -- FM006
Entries 1357235
Unused

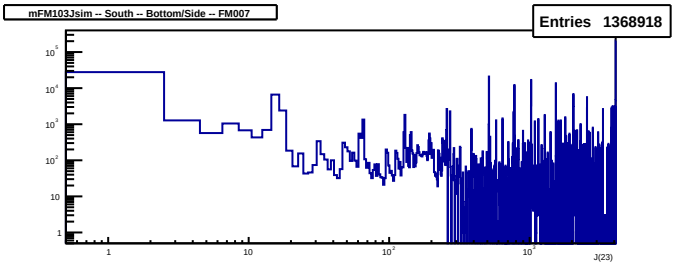

mFM103JP -- South -- Top -- FM006
Entries 3248104

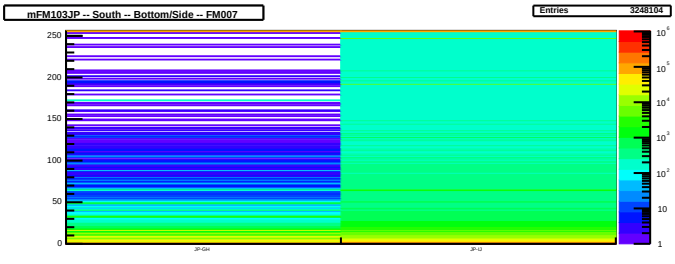

mFM103JPsim -- South -- Top -- FM006
Entries 1636255

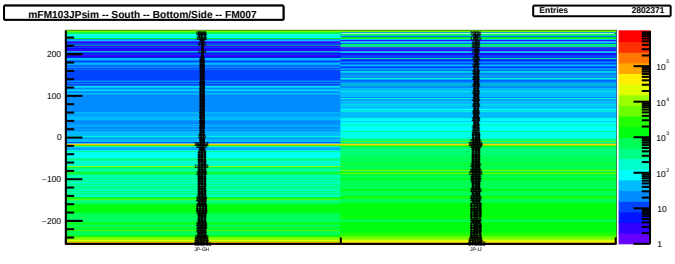

mFM103BS -- South -- Bottom/Side --FM007
Entries 6496208
BS3
BS2
BS1
Unused

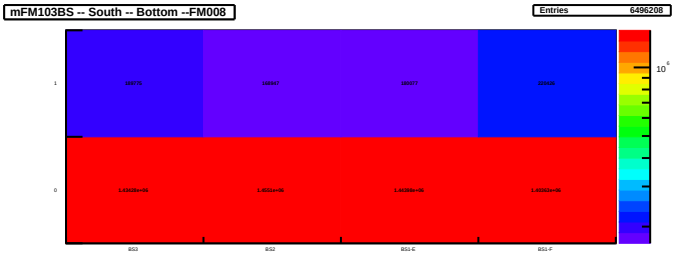

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 3319432
BS3
BS2
BS1
Unused

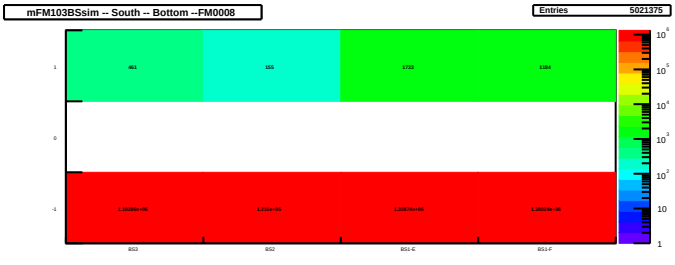

mFM103J -- South -- Bottom/Side -- FM007
Entries 1624052
J(23)

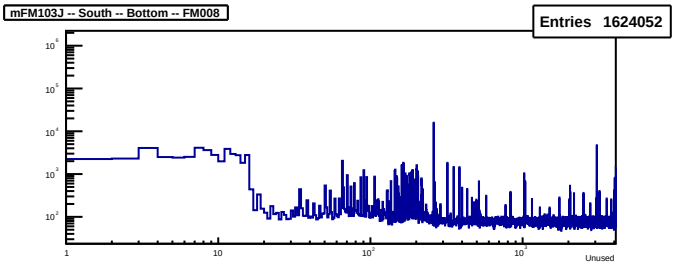

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 1368918
J(23)

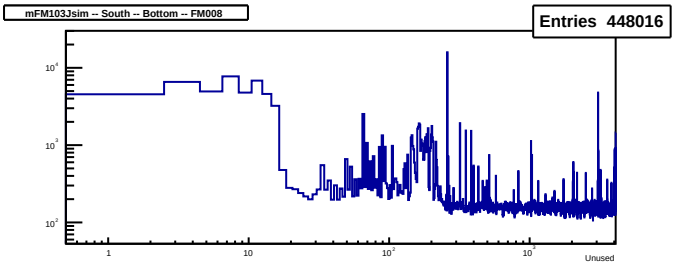

mFM103JP -- South -- Bottom/Side -- FM007
Entries 3248104
JP-GH
JP-IJ

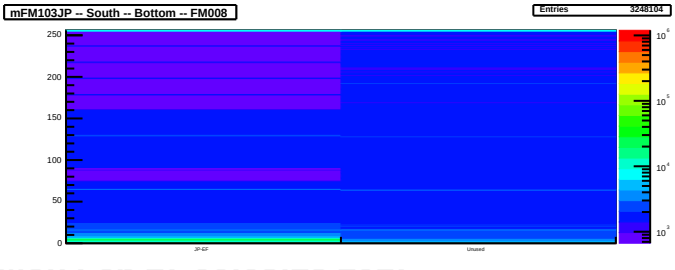

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 2802371
JP-GH
JP-IJ

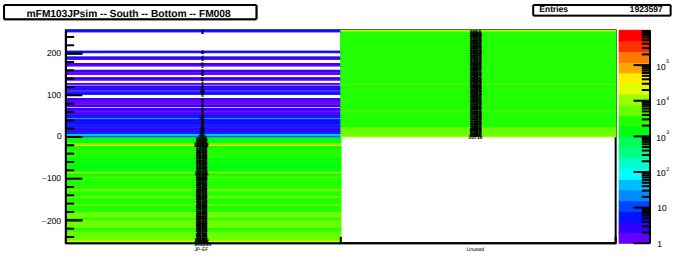

mFM103BS -- South -- Bottom --FM008
Entries 6496208
BS3
BS2
BS1-E
BS1-F

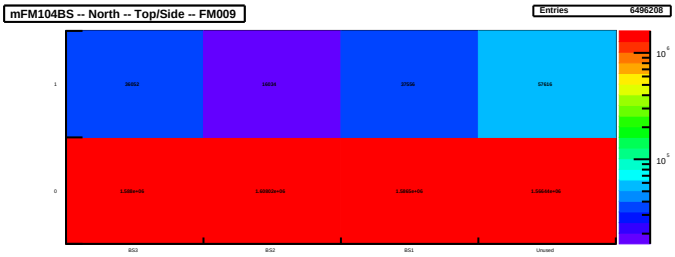

mFM103BSsim -- South -- Bottom --FM0008
Entries 5021375
BS3
BS2
BS1-E
BS1-F

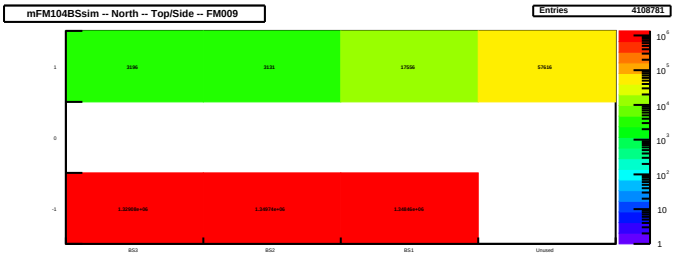

mFM103J -- South -- Bottom -- FM008
Entries 1624052
Unused

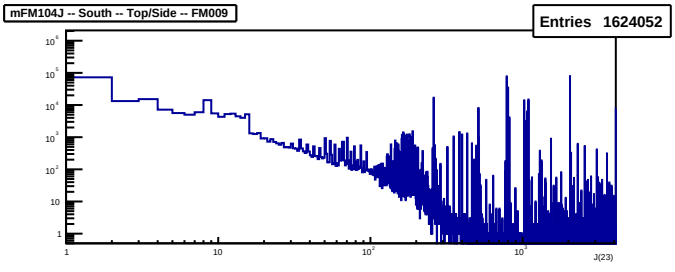

mFM103Jsim -- South -- Bottom -- FM008
Entries 448016
Unused

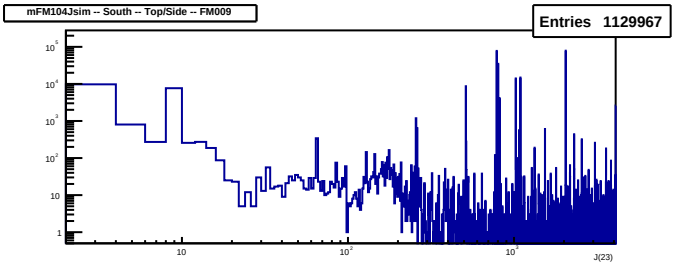

mFM103JP -- South -- Bottom -- FM008
Entries 3248104
JP-EF
Unused

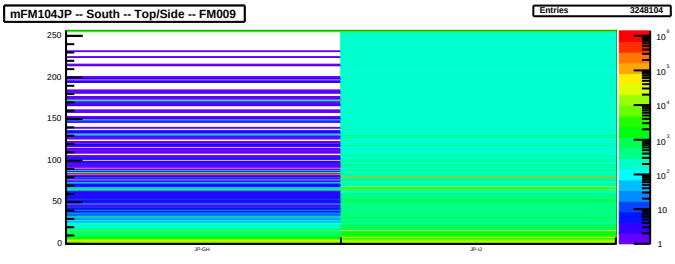

mFM103JPsim -- South -- Bottom -- FM008
Entries 1923597
JP-EF
Unused

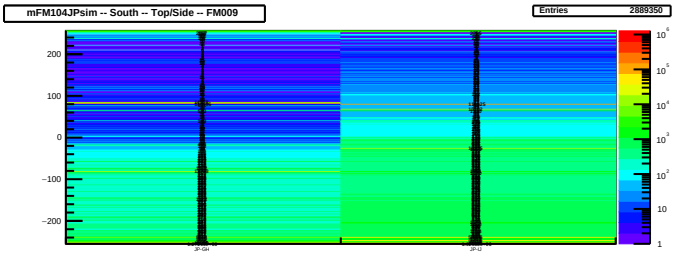

mFM104BS -- North -- Top/Side -- FM009
Entries 6496208

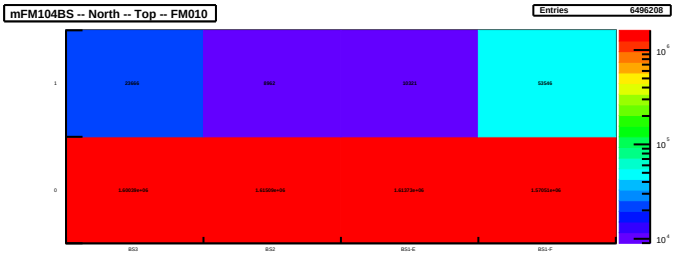

mFM104BSsim -- North -- Top/Side -- FM009
Entries 4108781

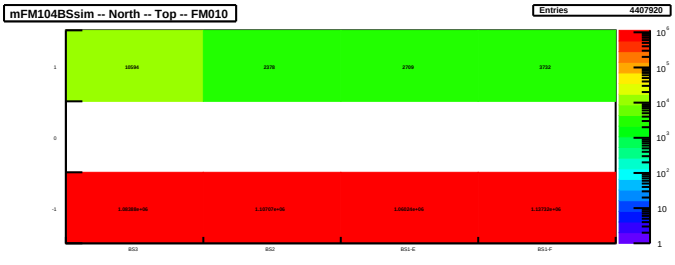

mFM104J -- South -- Top/Side -- FM009
Entries 1624052
J(23)

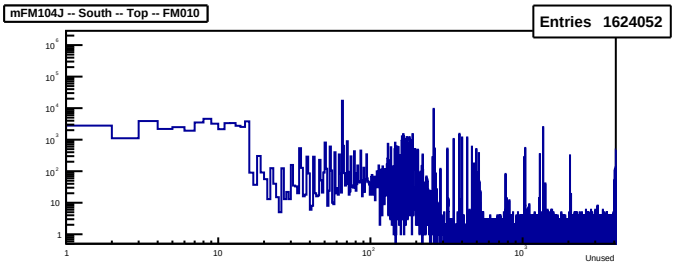

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1129967
J(23)

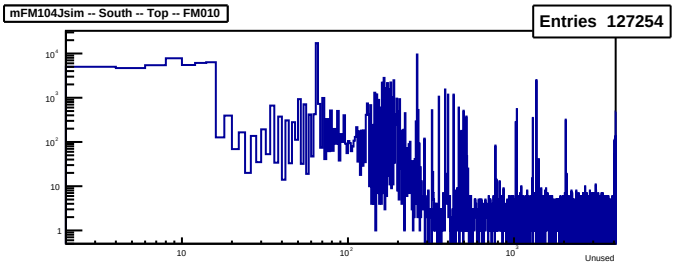

mFM104JP -- South -- Top/Side -- FM009
Entries 3248104

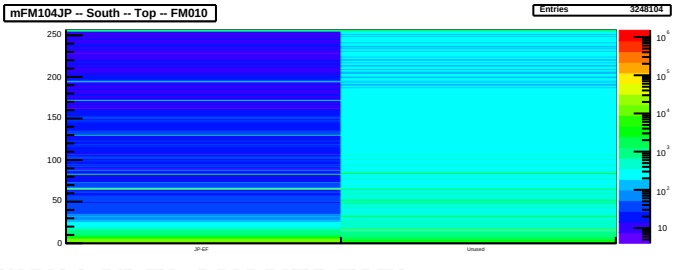

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2889350

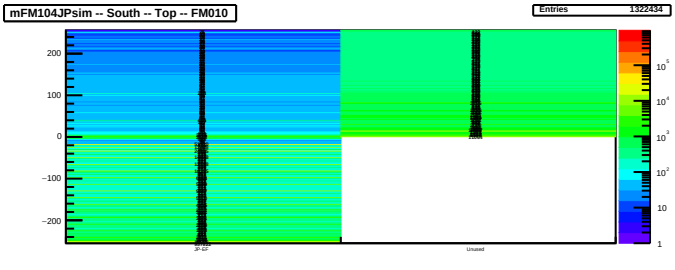

mFM104BS -- North -- Top -- FM010
Entries 6496208

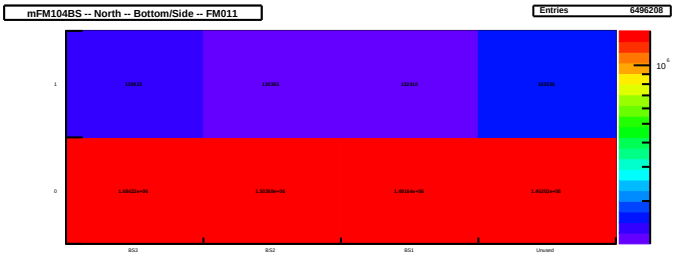

mFM104BSsim -- North -- Top -- FM010
Entries 4407920

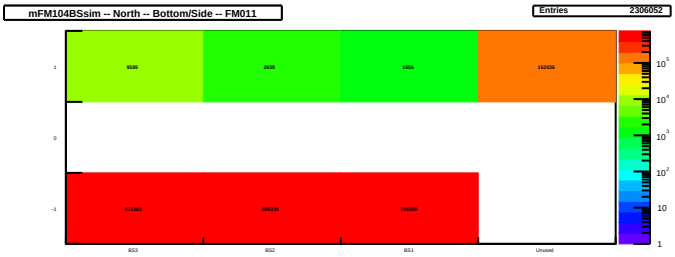

mFM104J -- South -- Top -- FM010
Entries 1624052
Unused

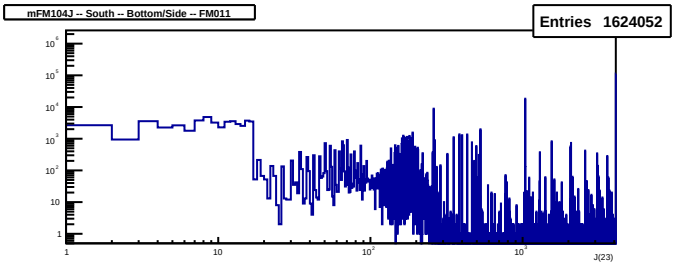

mFM104Jsim -- South -- Top -- FM010
Entries 127254
Unused

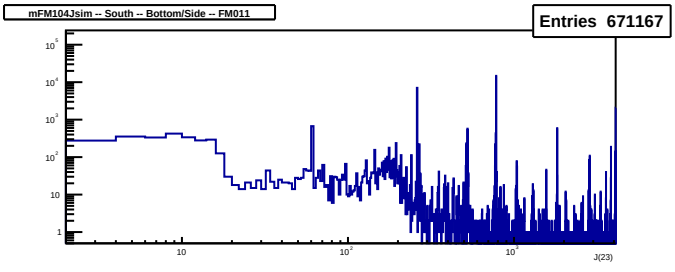

mFM104JP -- South -- Top -- FM010
Entries 3248104

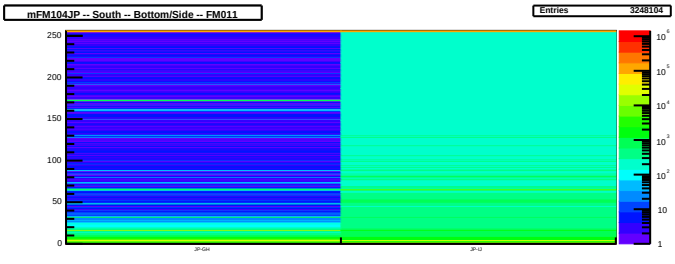

mFM104JPsim -- South -- Top -- FM010
Entries 1322434

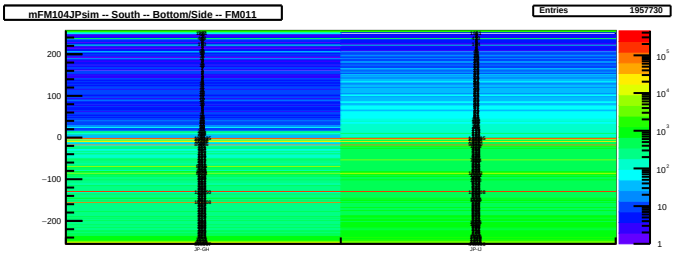

mFM104BS -- North -- Bottom/Side -- FM011
Entries 6496208

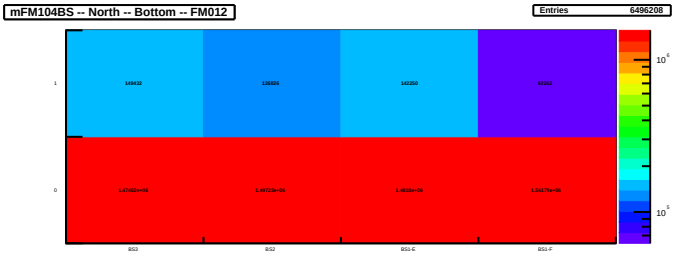

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2306052

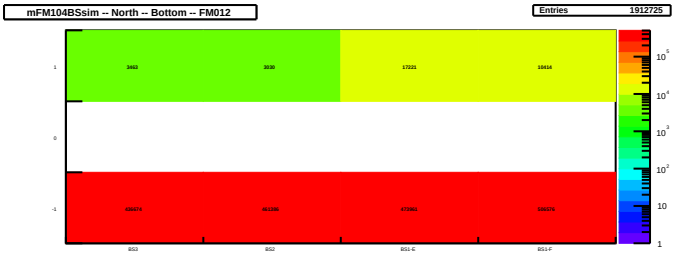

mFM104J -- South -- Bottom/Side -- FM011
Entries 1624052
J(23)

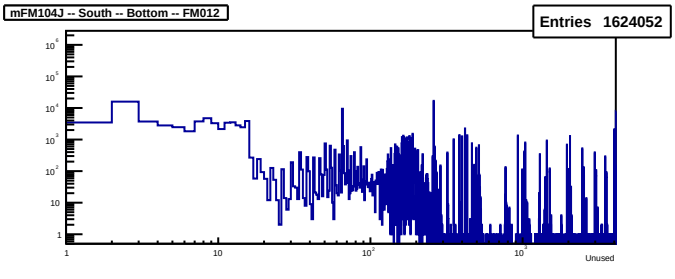

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 671167
J(23)

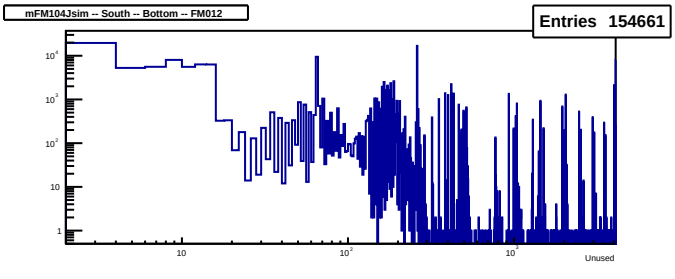

mFM104JP -- South -- Bottom/Side -- FM011
Entries 3248104

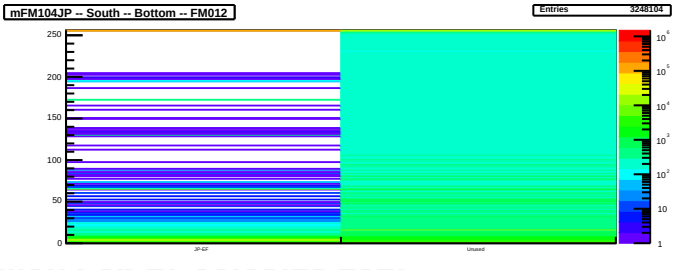

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1957730

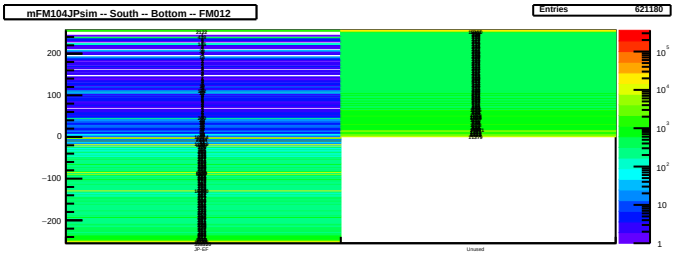

mFM104BS -- North -- Bottom -- FM012
Entries 6496208

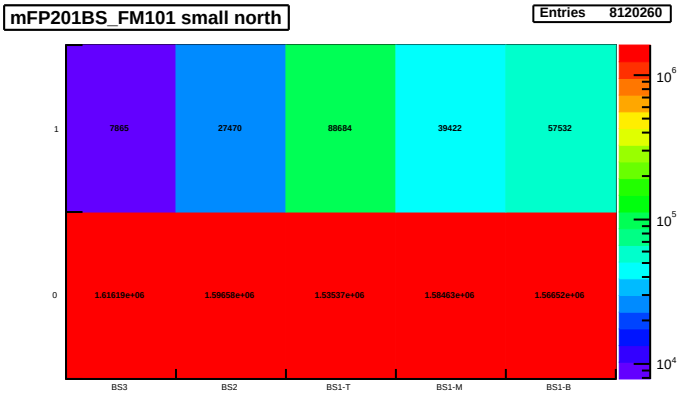

mFM104BSsim -- North -- Bottom -- FM012
Entries 1912725

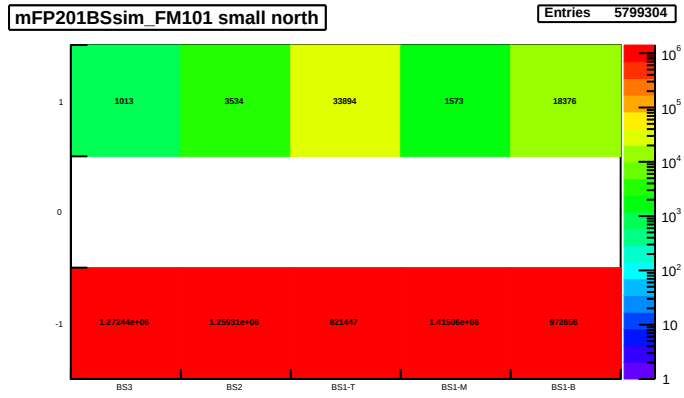

mFM104J -- South -- Bottom -- FM012
Entries 1624052
Unused

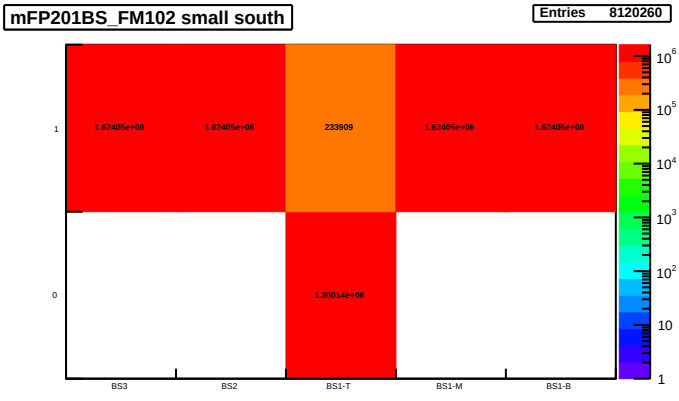

mFM104Jsim -- South -- Bottom -- FM012
Entries 154661
Unused

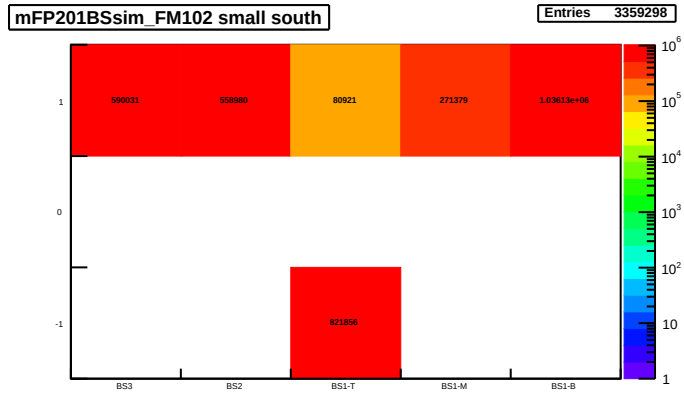

mFM104JP -- South -- Bottom -- FM012
Entries 3248104

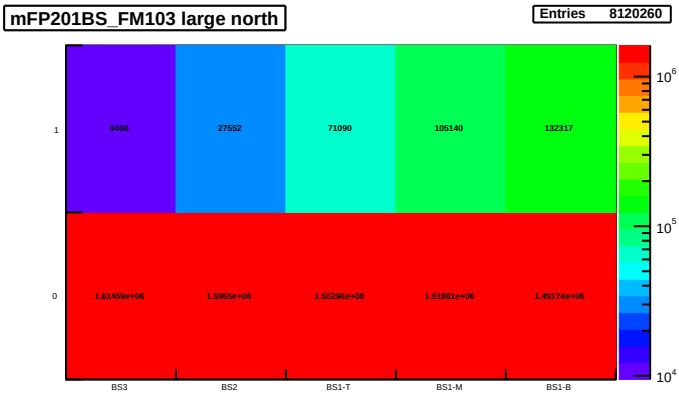

mFM104JPsim -- South -- Bottom -- FM012
Entries 621180

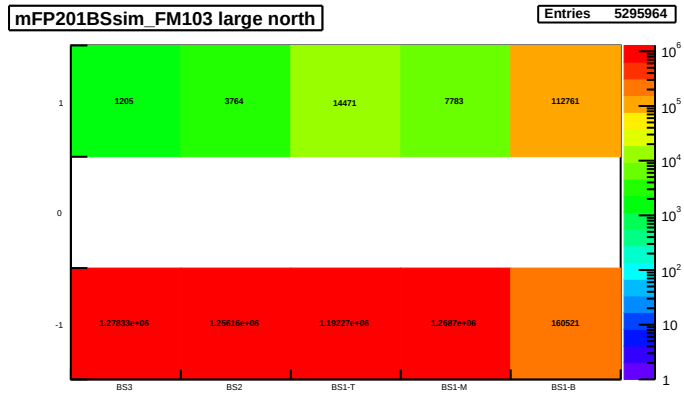

mFP201BS_FM101 small north
Entries 8120260
7865
27470
88684
39422
57532
1.61619e+06
1.59658e+06
1.53537e+06
1.58463e+06
1.56652e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

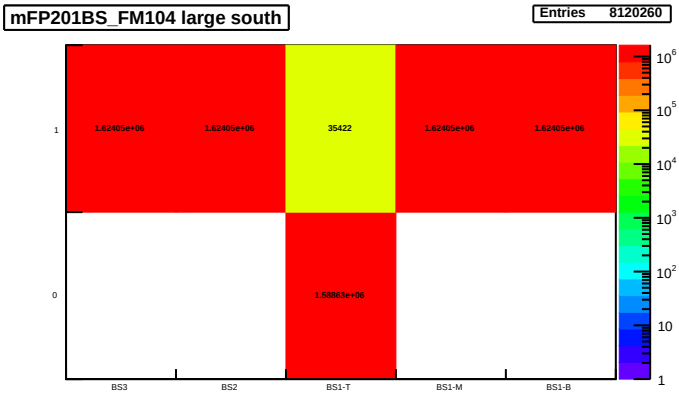

mFP201BSsim_FM101 small north
Entries 5799304
1013
3534
33894
1573
18376
1.27244e+06
1.25931e+06
821447
1.41506e+06
972656
BS3
BS2
BS1-T
BS1-M
BS1-B

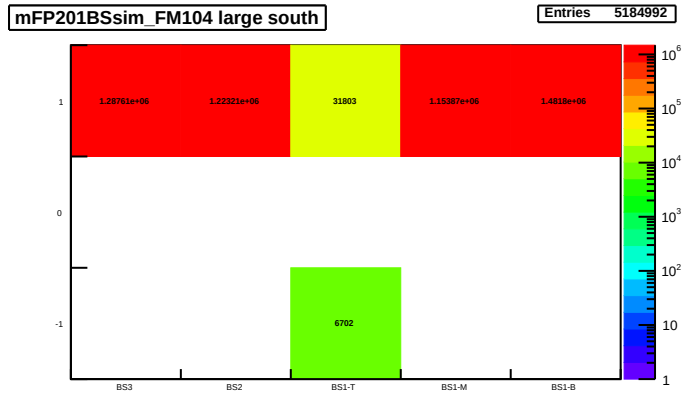

mFP201BS_FM102 small south
Entries 8120260
1.62405e+06
1.62405e+06
233909
1.62405e+06
1.62405e+06
1.39014e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

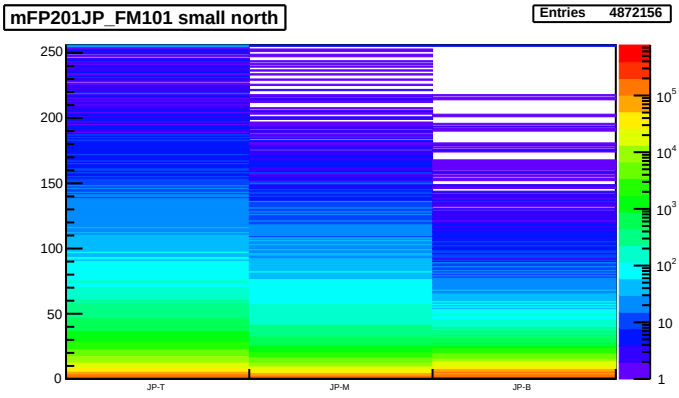

mFP201BSsim_FM102 small south
Entries 3359298
590031
558980
80921
271379
1.03613e+06
821856
BS3
BS2
BS1-T
BS1-M
BS1-B

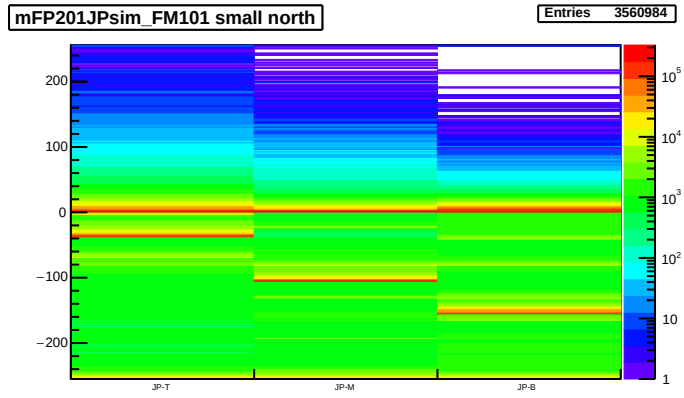

mFP201BS_FM103 large north
Entries 8120260
9466
27552
71090
105140
132317
1.61459e+06
1.5965e+06
1.55286e+06
1.51891e+06
1.49174e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

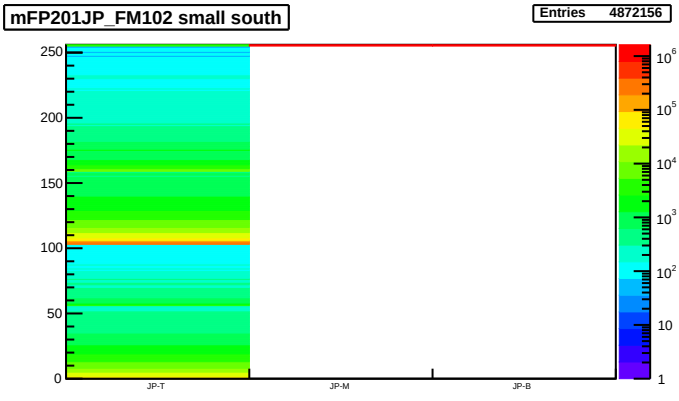

mFP201BSsim_FM103 large north
Entries 5295964
1205
3764
14471
7783
112761
1.27833e+06
1.25616e+06
1.19227e+06
1.2687e+06
160521
BS3
BS2
BS1-T
BS1-M
BS1-B

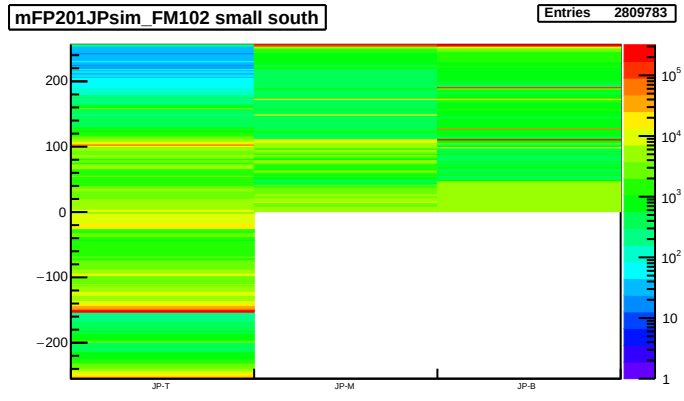

mFP201BS_FM104 large south
Entries 8120260
1.62405e+06
1.62405e+06
35422
1.62405e+06
1.62405e+06
1.58863e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

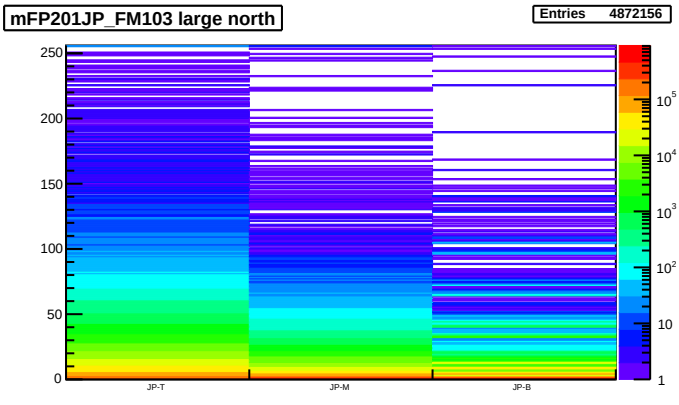

mFP201BSsim_FM104 large south
Entries 5184992
1.28761e+06
1.22321e+06
31803
1.15387e+06
1.4818e+06
6702
BS3
BS2
BS1-T
BS1-M
BS1-B

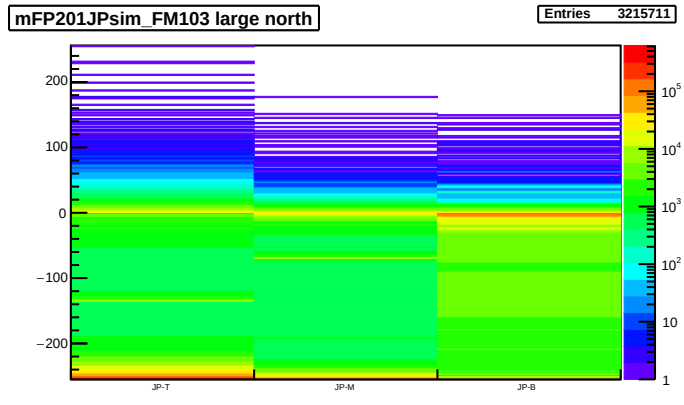

mFP201JP_FM101 small north
Entries 4872156
JP-T
JP-M
JP-B

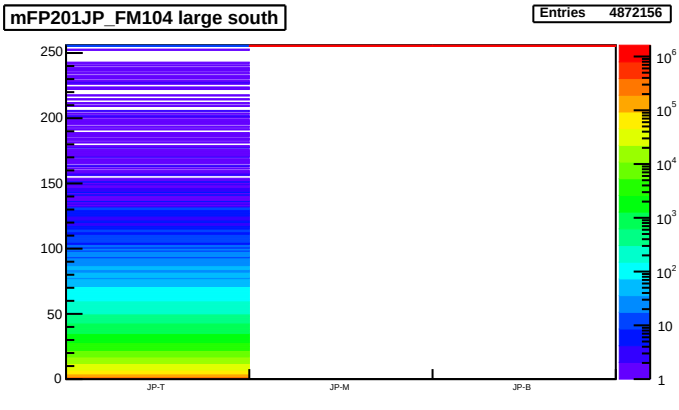

mFP201JPsim_FM101 small north
Entries 3560984
JP-T
JP-M
JP-B

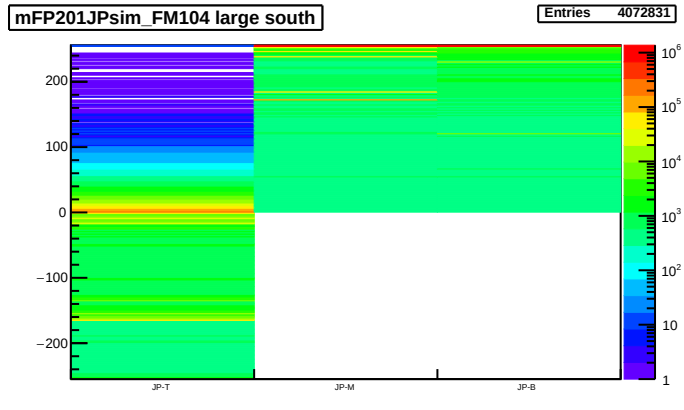

mFP201JP_FM102 small south
Entries 4872156
JP-T
JP-M
JP-B

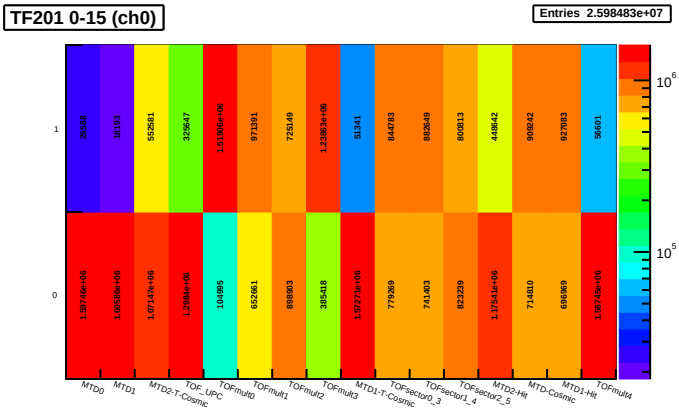

mFP201JPsim_FM102 small south
Entries 2809783
JP-T
JP-M
JP-B

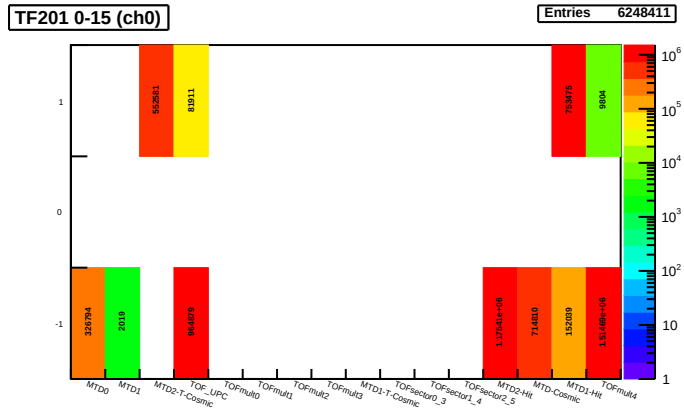

mFP201JP_FM103 large north
Entries 4872156
JP-T
JP-M
JP-B

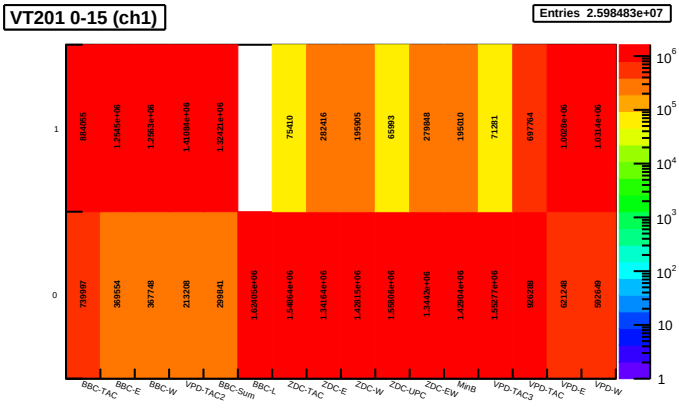

mFP201JPsim_FM103 large north
Entries 3215711
JP-T
JP-M
JP-B

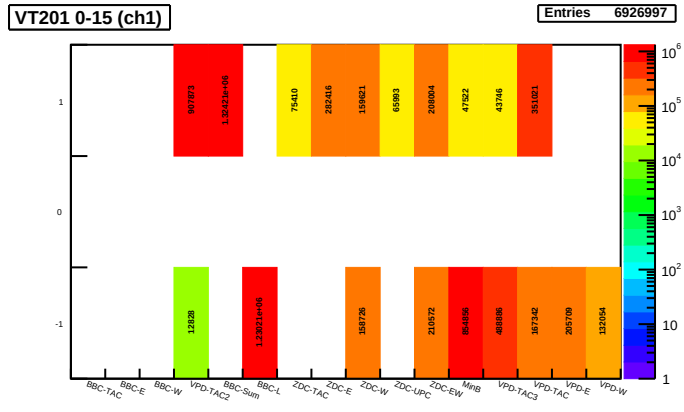

mFP201JP_FM104 large south
Entries 4872156
JP-T
JP-M
JP-B

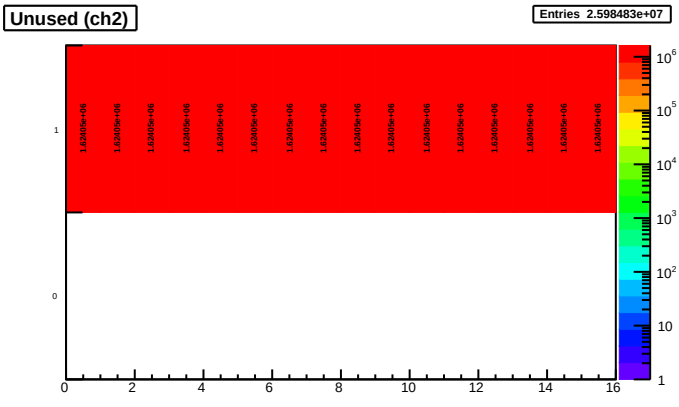

mFP201JPsim_FM104 large south
Entries 4072831
JP-T
JP-M
JP-B

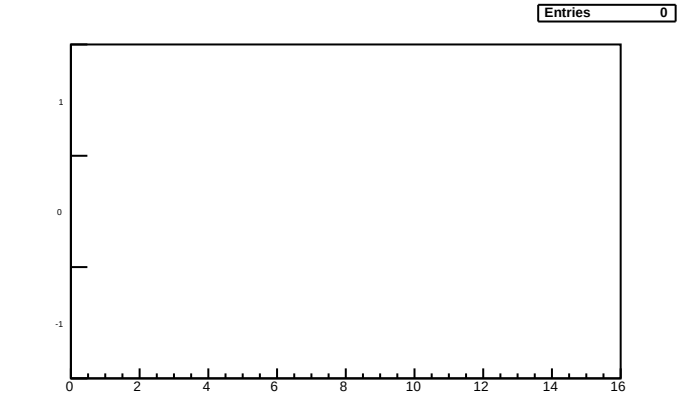

TF201 0-15 (ch0)
Entries 2.598483e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

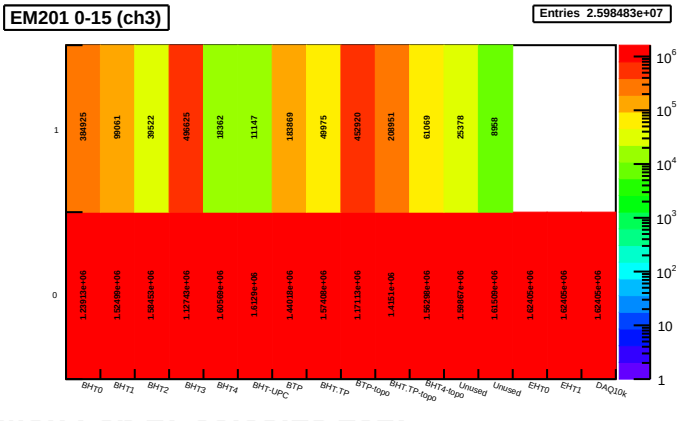

TF201 0-15 (ch0)
Entries 6248411
MTD0
MTD1
MTD2-T-Cosmic
TOF-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

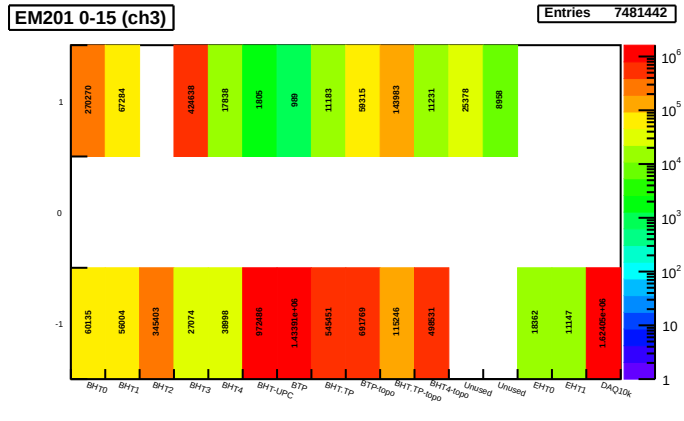

VT201 0-15 (ch1)
Entries 2.598483e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

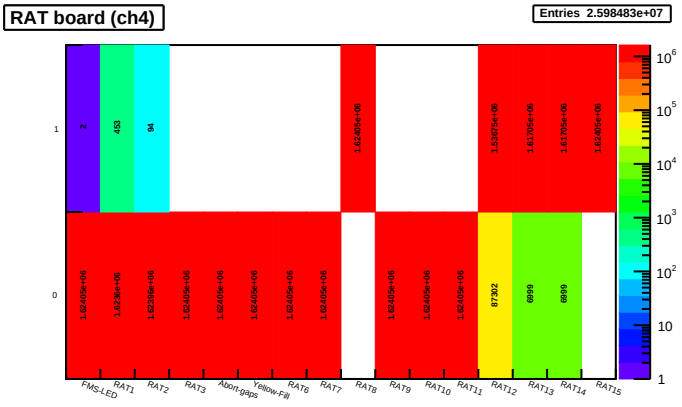

VT201 0-15 (ch1)
Entries 6926997
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

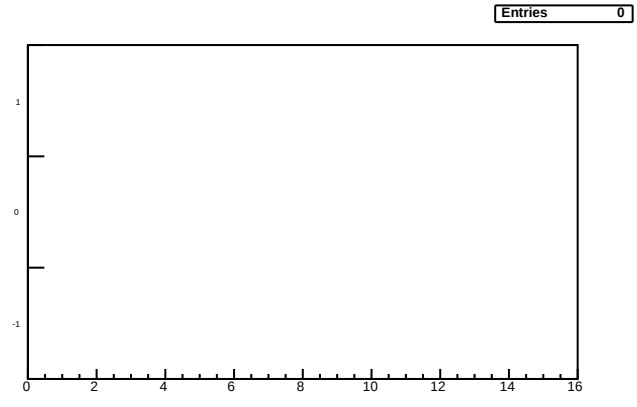

Unused (ch2)
Entries 2.598483e+07

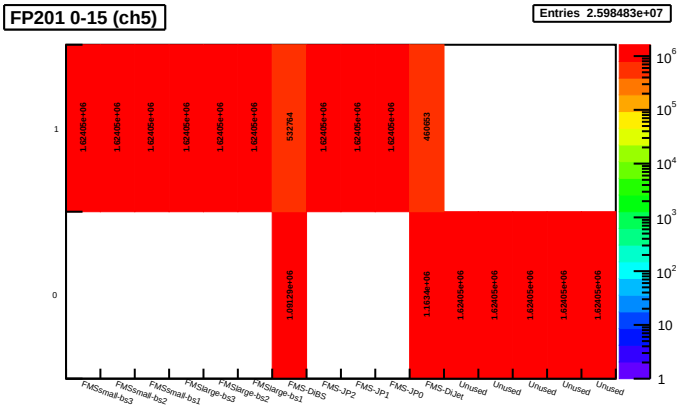

Entries 0

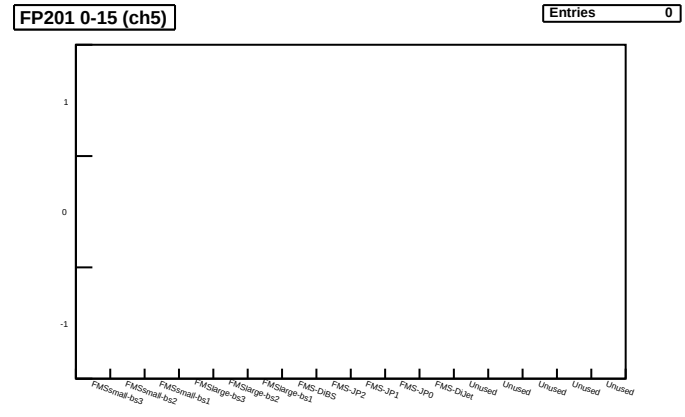

EM201 0-15 (ch3)
Entries 2.598483e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

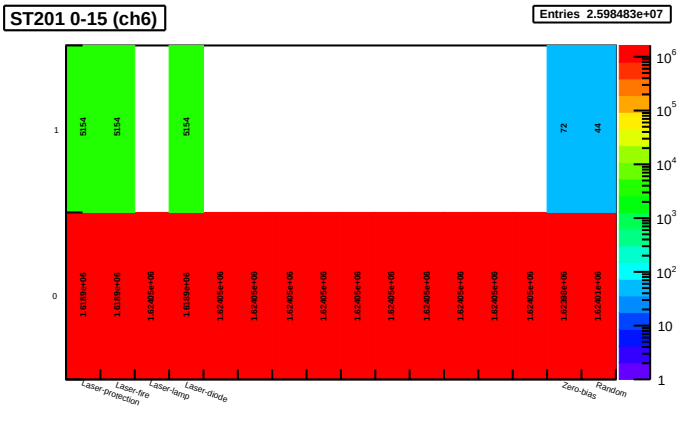

EM201 0-15 (ch3)
Entries 7481442
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

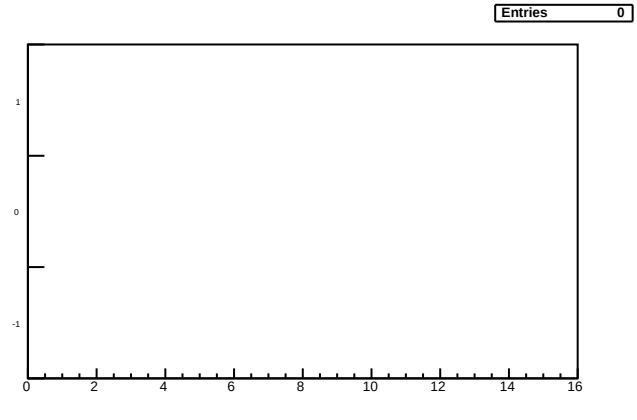

RAT board (ch4)
Entries 2.598483e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

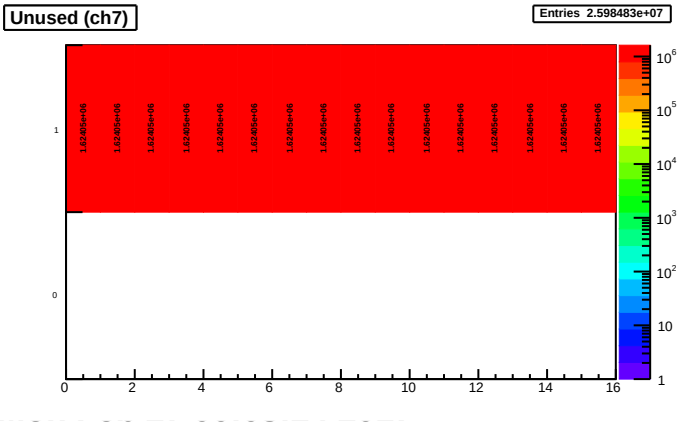

Entries 0

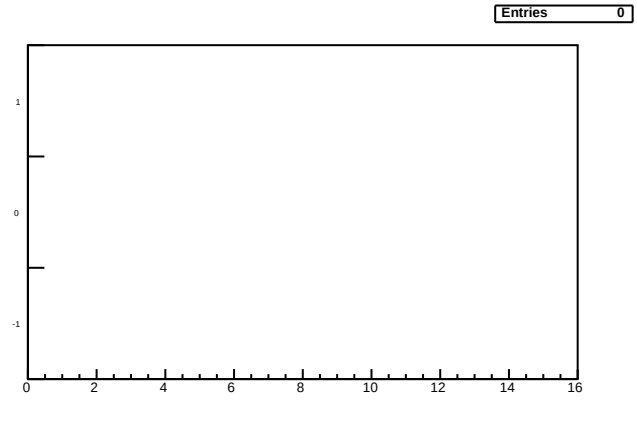

FP201 0-15 (ch5)
Entries 2.598483e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 2.598483e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 2.598483e+07


Entries 0