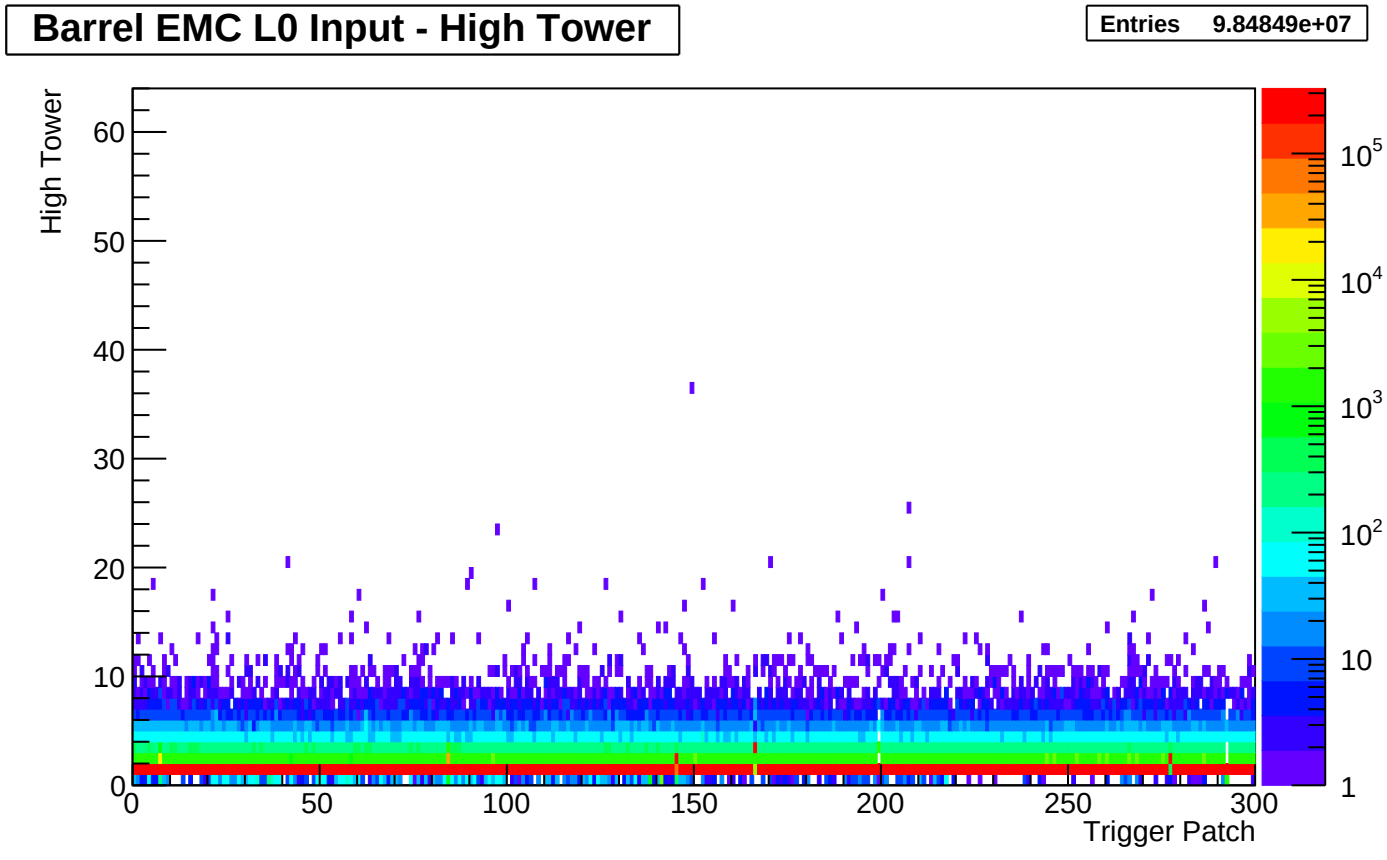
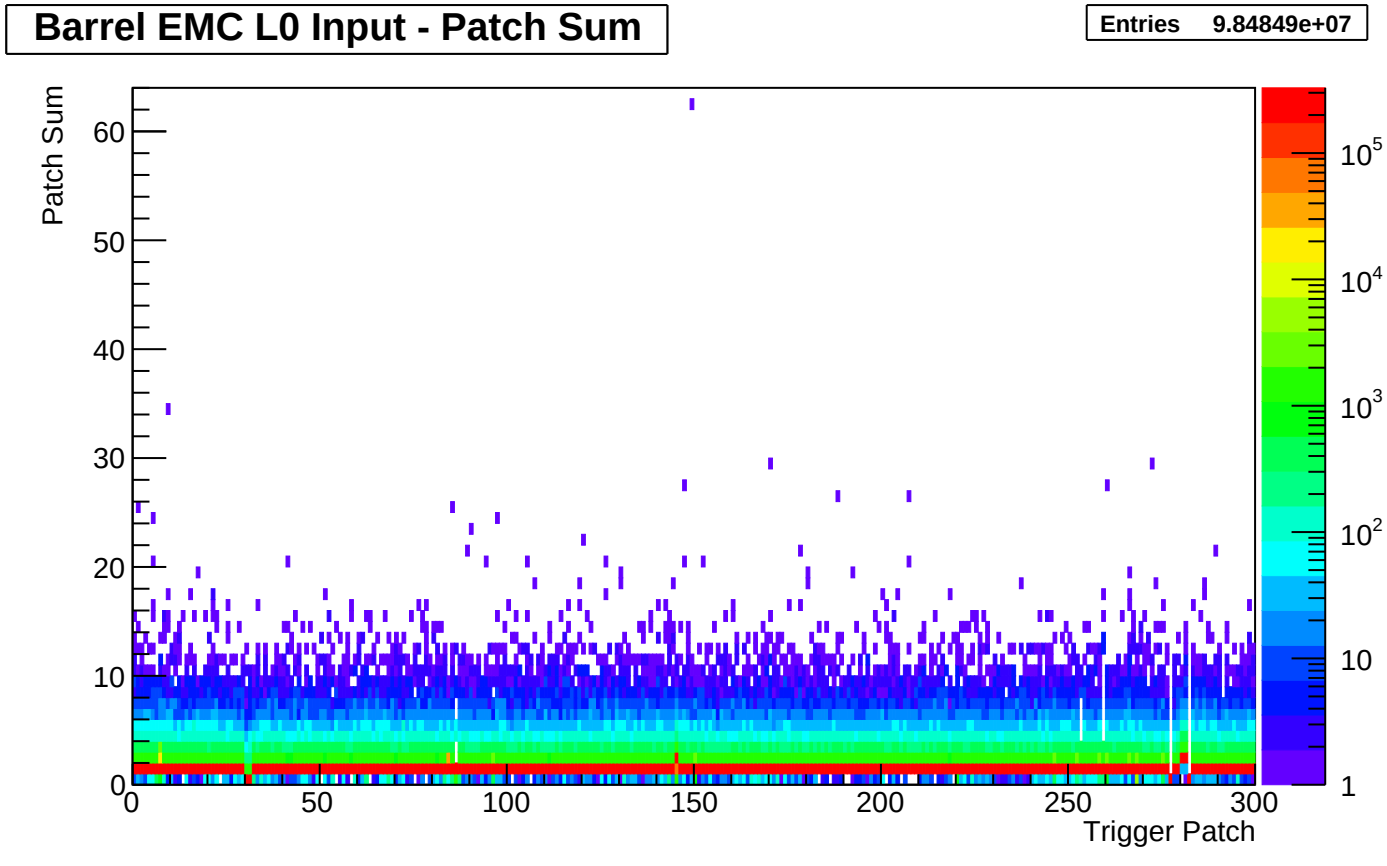
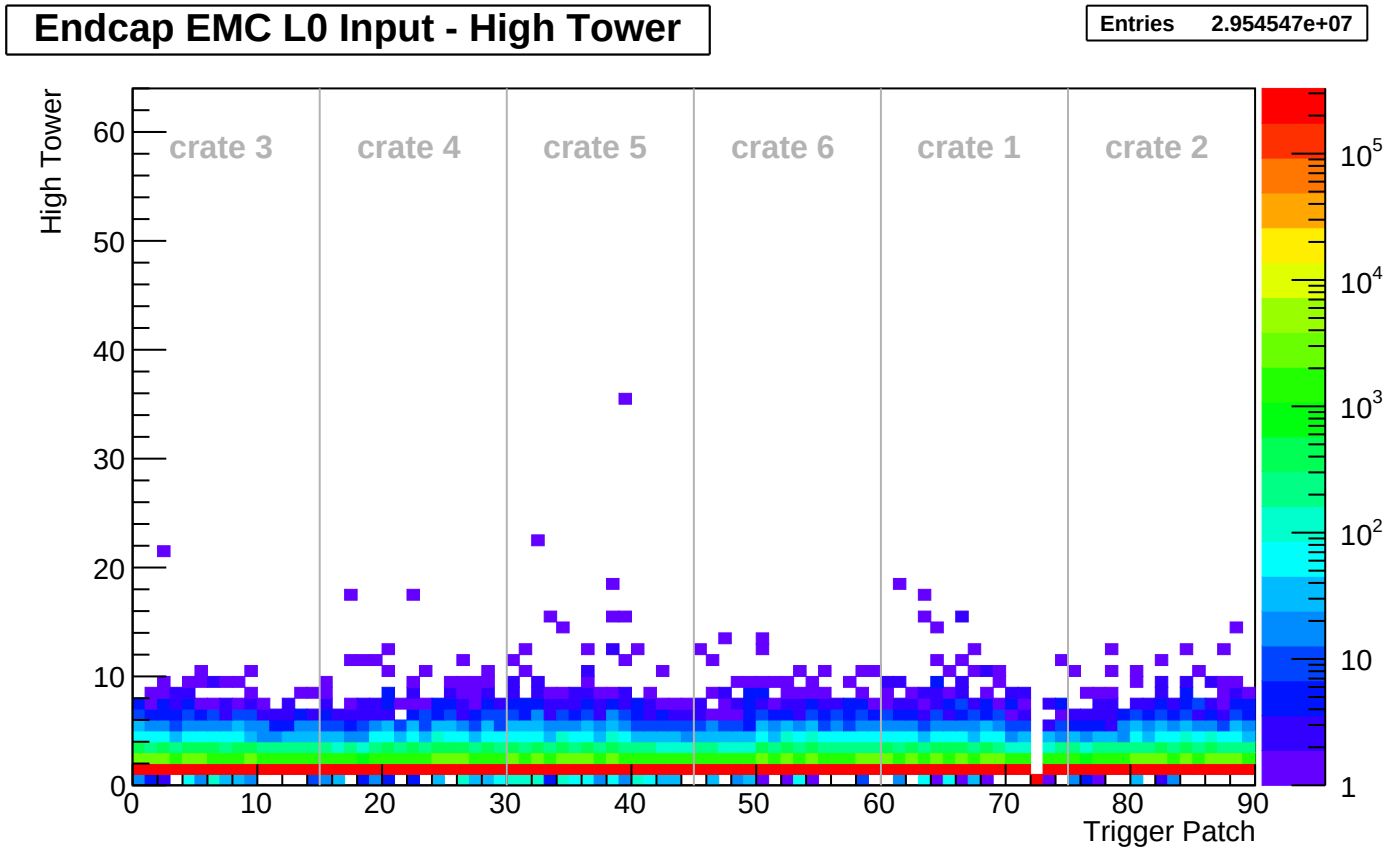
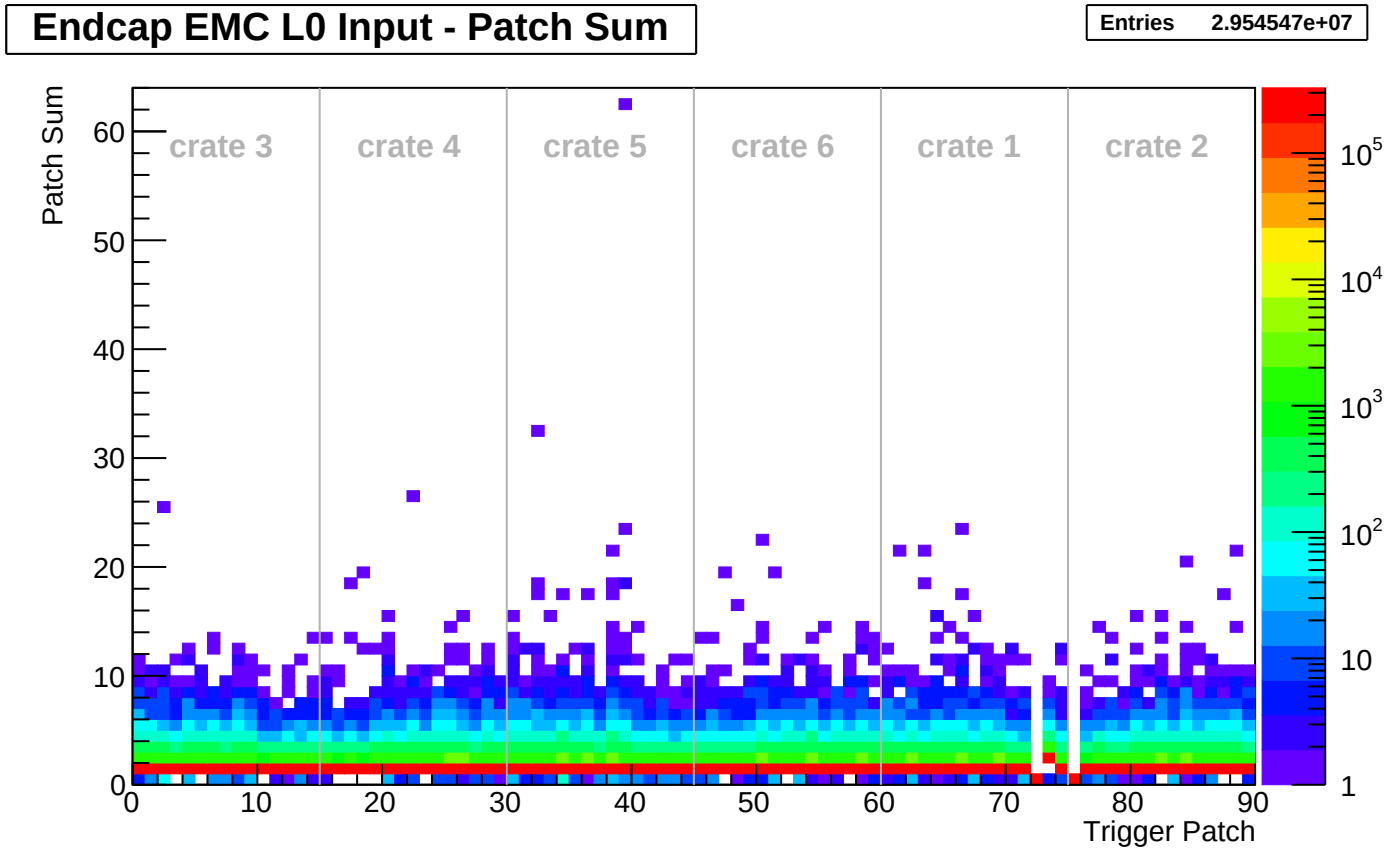
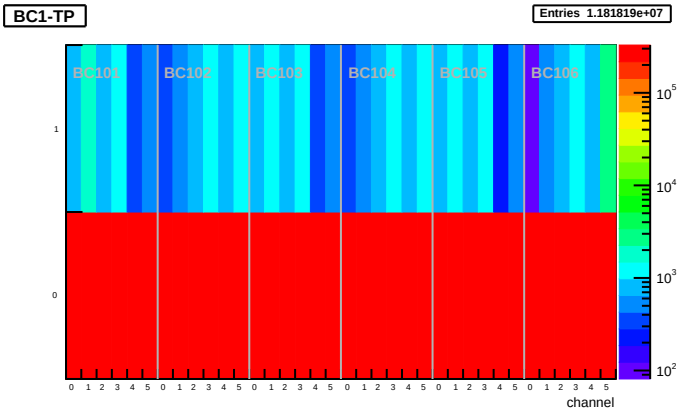
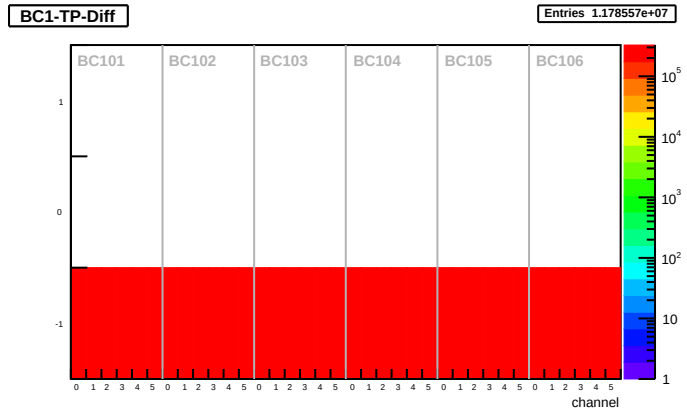

Barrel EMC L0 Input - High Tower
Entries 9.84849e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

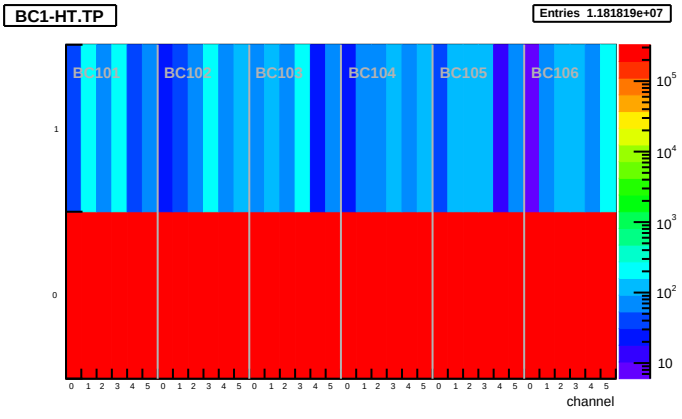

Barrel EMC L0 Input - Patch Sum
Entries 9.84849e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

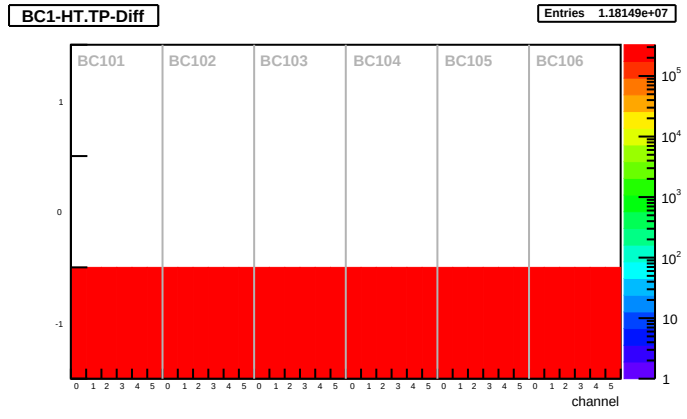

Endcap EMC L0 Input - High Tower
Entries 2.954547e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

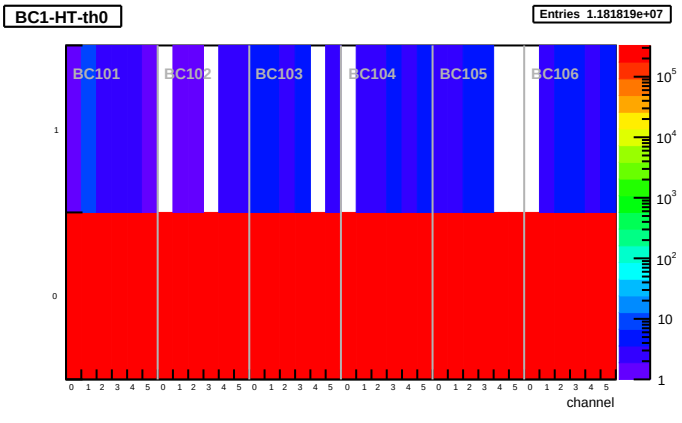

Endcap EMC L0 Input - Patch Sum
Entries 2.954547e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

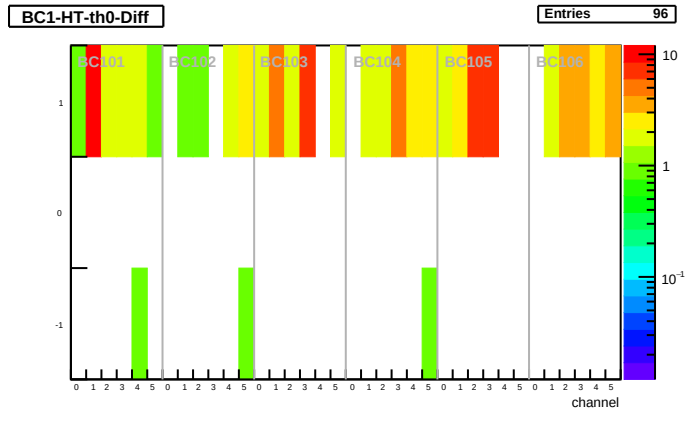

BC1-TP
Entries 1.181819e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

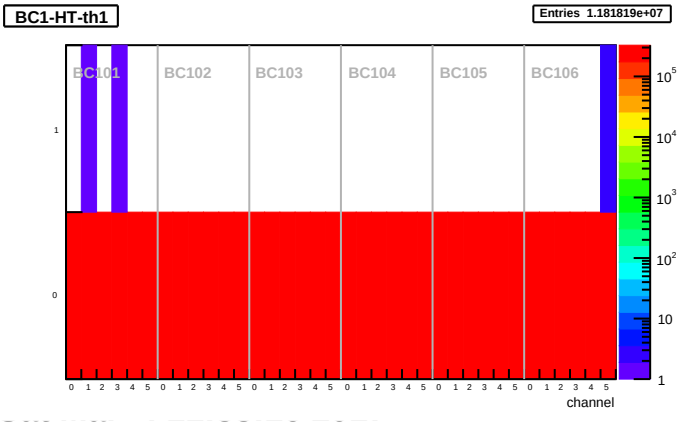

BC1-TP-Diff
Entries 1.178557e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

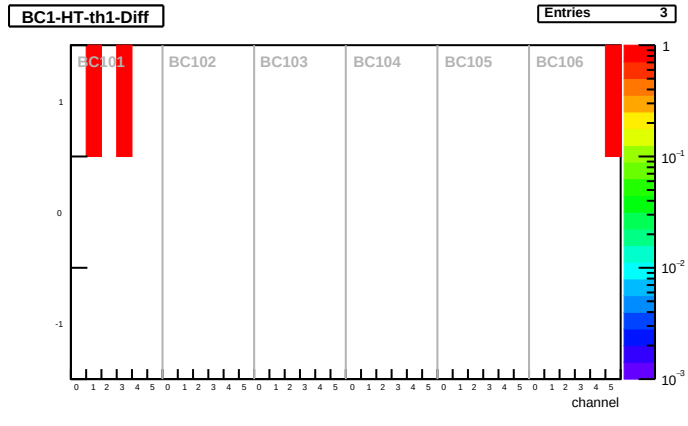

BC1-HT.TP
Entries 1.181819e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

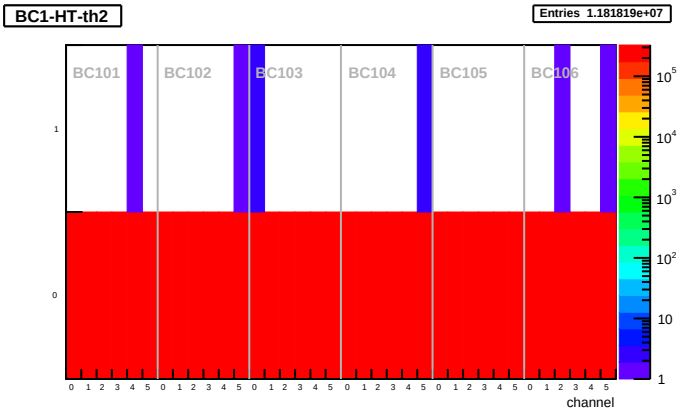

BC1-HT.TP-Diff
Entries 1.18149e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

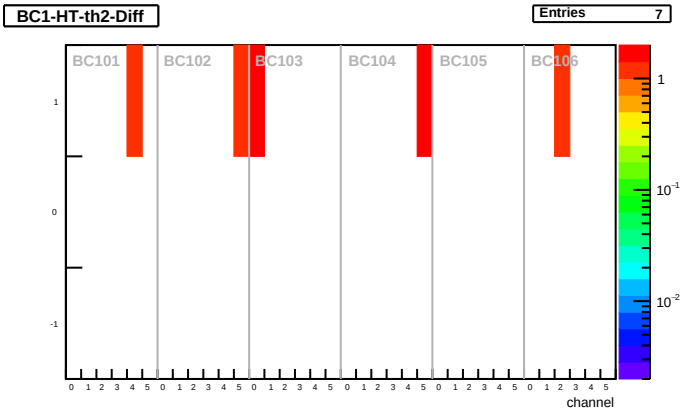

BC1-HT-th0
Entries 1.181819e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

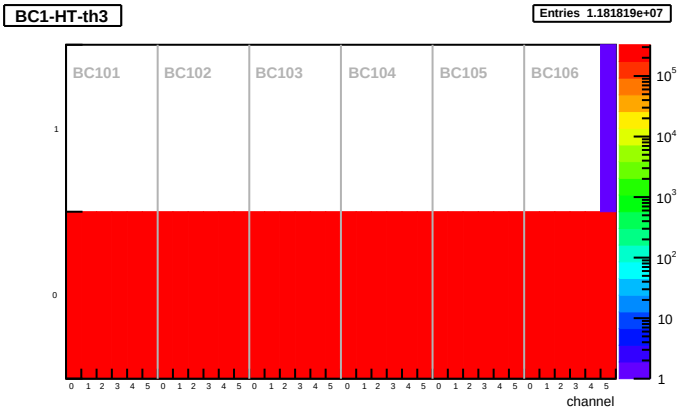

BC1-HT-th0-Diff
Entries 96
BC101
BC102
BC103
BC104
BC105
BC106
channel

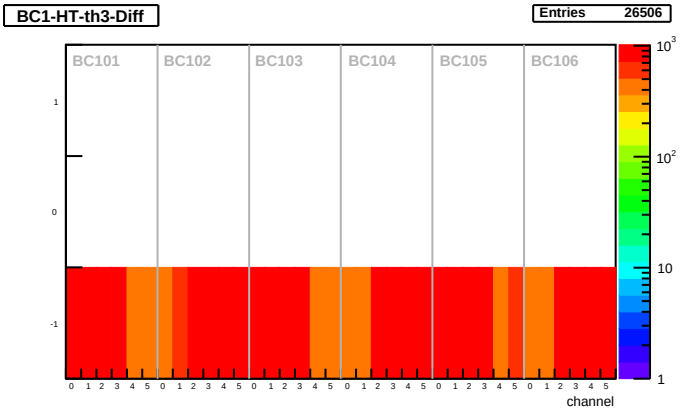

BC1-HT-th1
Entries 1.181819e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

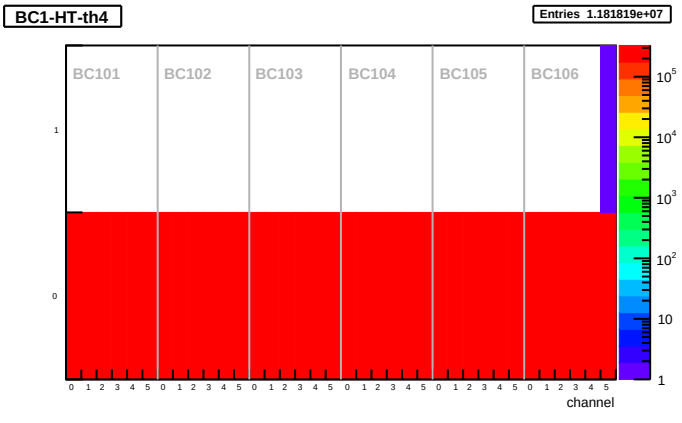

BC1-HT-th1-Diff
Entries 3
BC101
BC102
BC103
BC104
BC105
BC106
channel

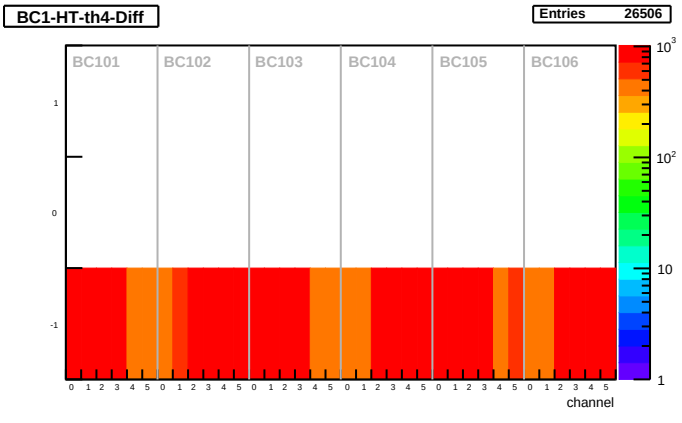

BC1-HT-th2
Entries 1.181819e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

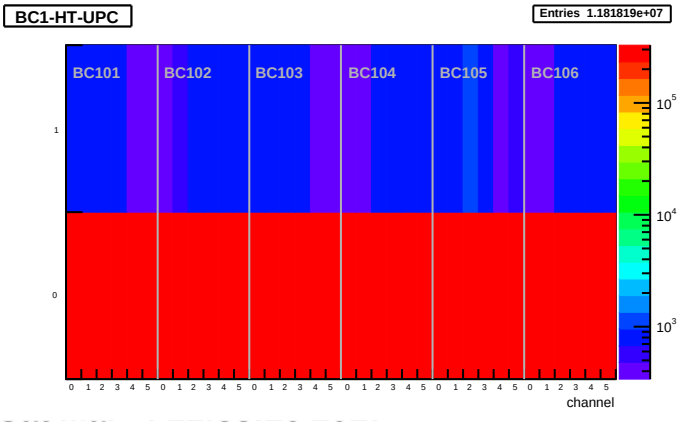

BC1-HT-th2-Diff
Entries 7
BC101
BC102
BC103
BC104
BC105
BC106
channel

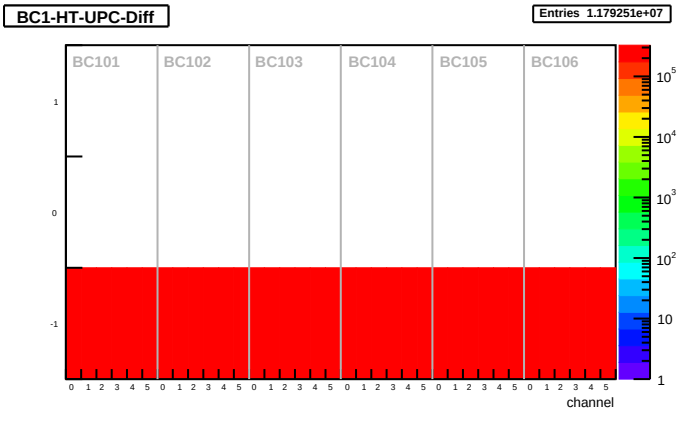

BC1-HT-th3
Entries 1.181819e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

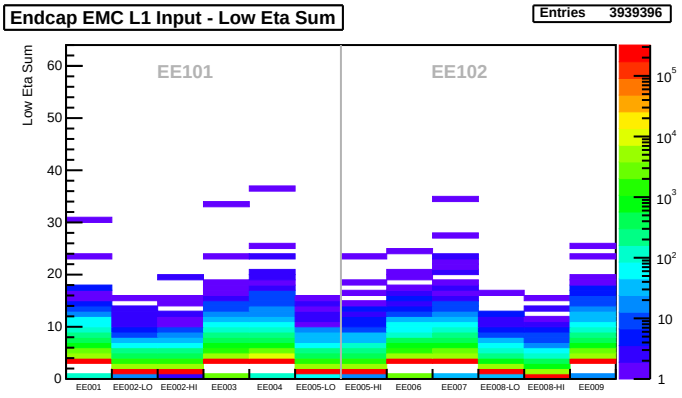

BC1-HT-th3-Diff
Entries 26506
BC101
BC102
BC103
BC104
BC105
BC106
channel

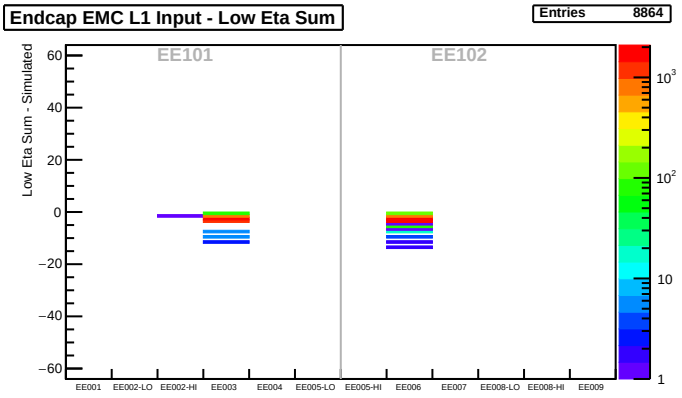

BC1-HT-th4
Entries 1.181819e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

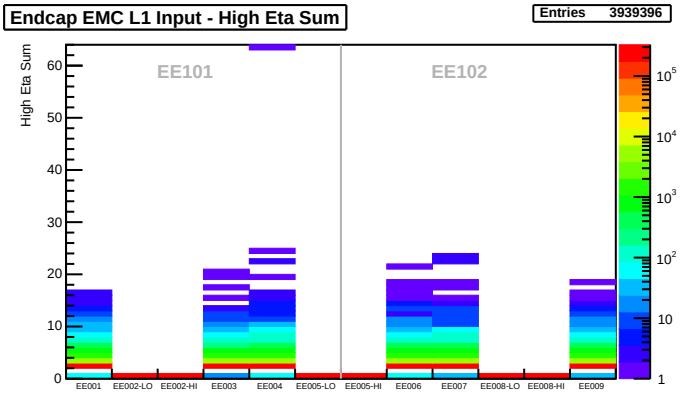

BC1-HT-th4-Diff
Entries 26506
BC101
BC102
BC103
BC104
BC105
BC106
channel

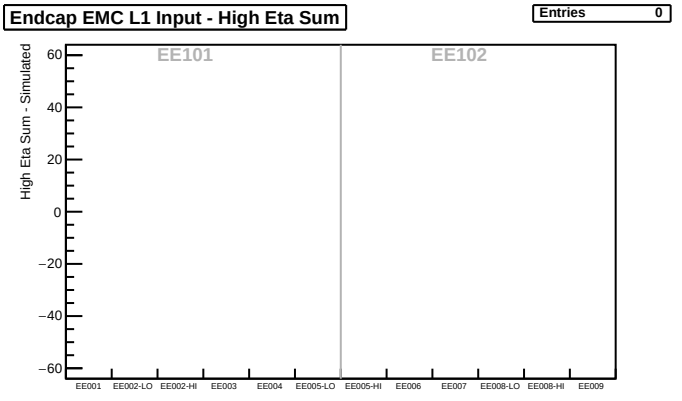

BC1-HT-UPC
Entries 1.181819e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

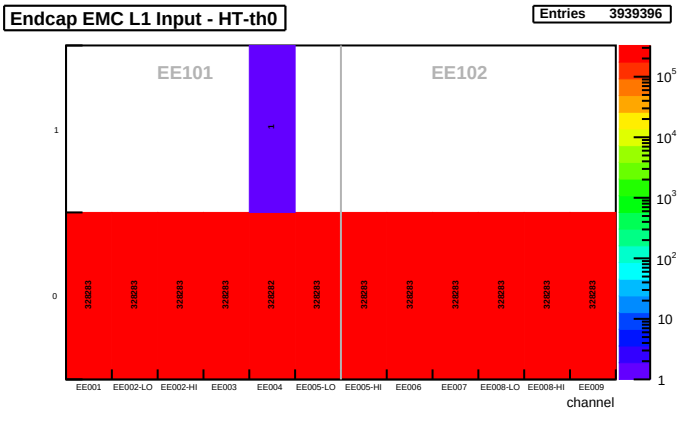

BC1-HT-UPC-Diff
Entries 1.179251e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

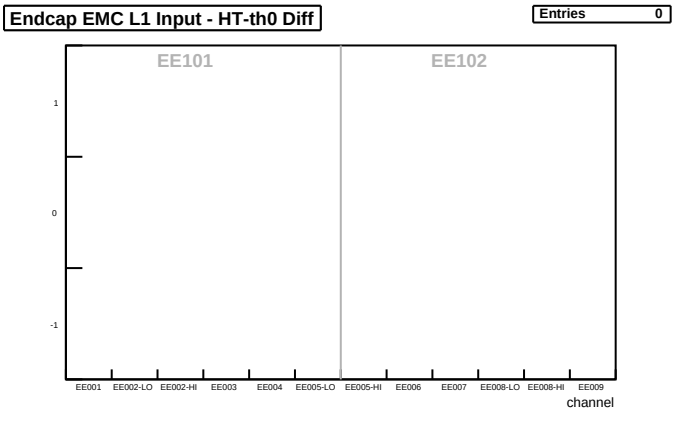

Endcap EMC L1 Input - Low Eta Sum
Entries 3939396
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

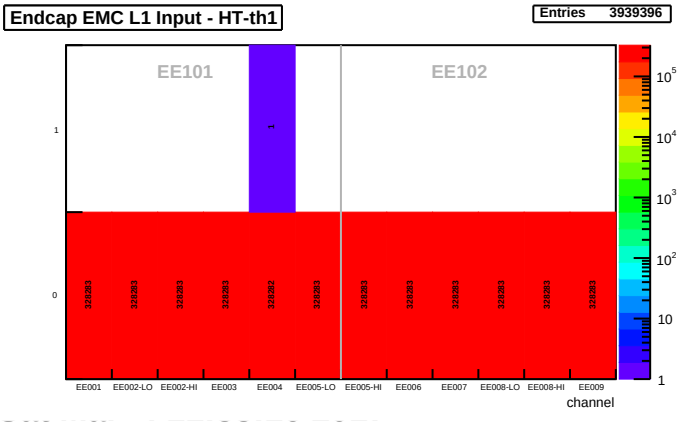

Endcap EMC L1 Input - Low Eta Sum
Entries 8864
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

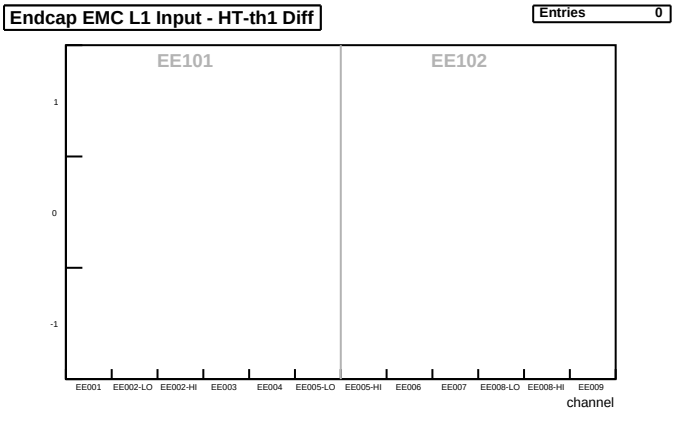

Endcap EMC L1 Input - High Eta Sum
Entries 3939396
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

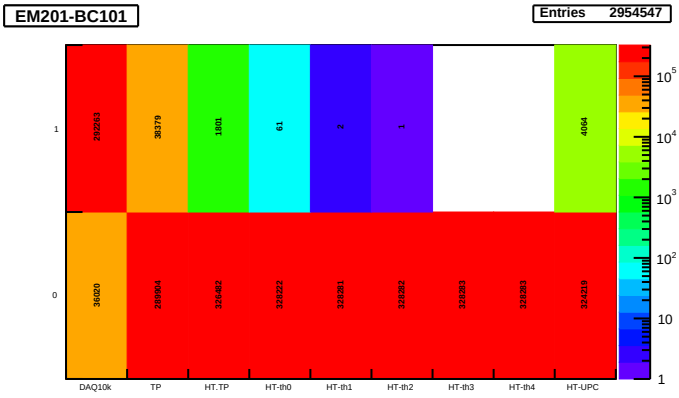

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

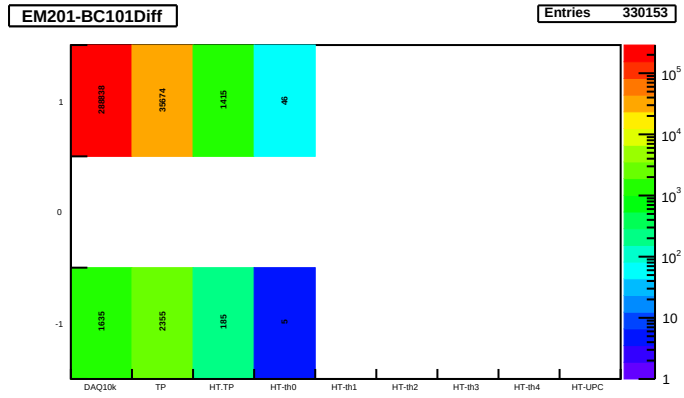

Endcap EMC L1 Input - HT-th0
Entries 3939396
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

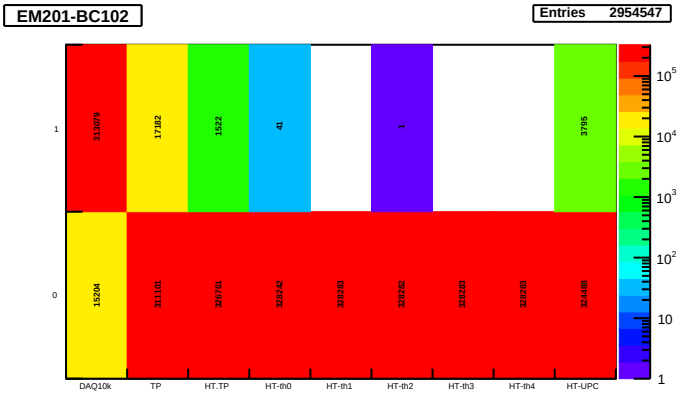

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

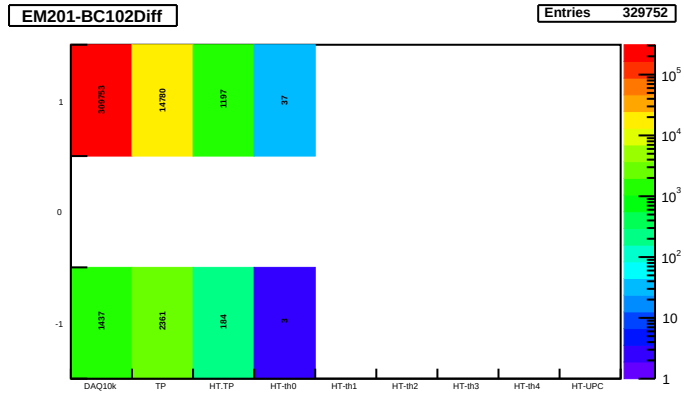

Endcap EMC L1 Input - HT-th1
Entries 3939396
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

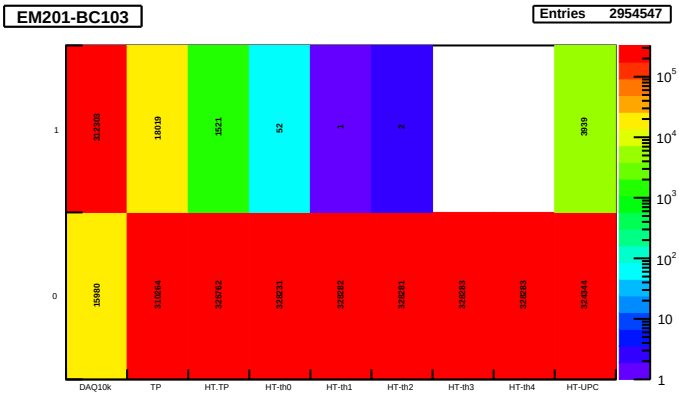

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

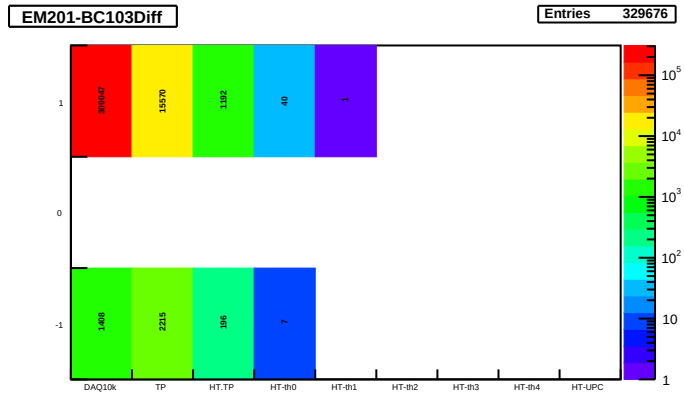

EM201-BC101
Entries 2954547
1
0
292263
38379
1801
61
2
1
4064
36020
289904
326482
328222
328281
328282
328283
328283
324219
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

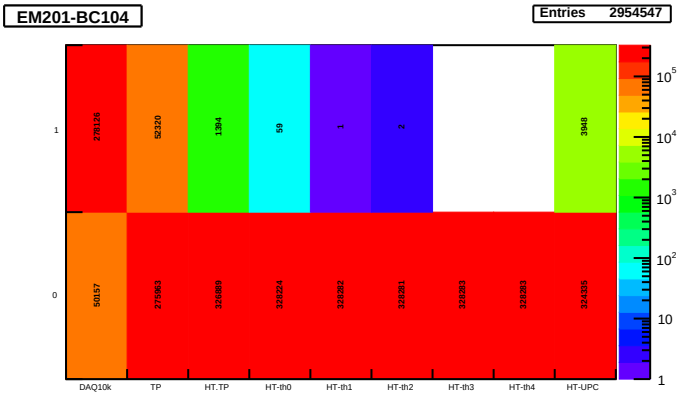

EM201-BC101Diff
Entries 330153
1
0
-1
238538
35674
1415
46
1635
2355
185
5
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

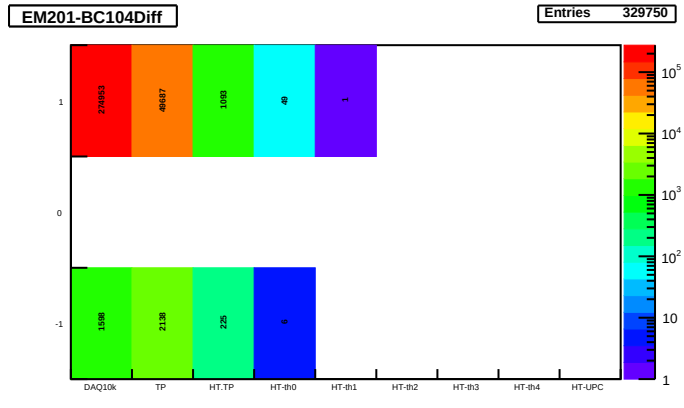

EM201-BC102
Entries 2954547
1
0
313079
17182
1522
41
1
3795
15204
311101
326761
328242
328283
328282
328283
328283
324488
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 329752
1
0
-1
309753
14780
1197
37
1437
2261
184
3
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

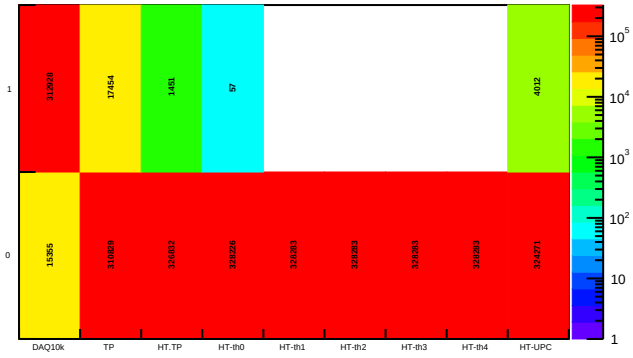

EM201-BC103
Entries 2954547
1
0
312303
18019
1521
52
1
2
3939
15980
310264
326762
328231
328282
328281
328283
328283
324344
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 329676
1
0
-1
309047
15570
1192
40
1
1408
2215
196
7
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

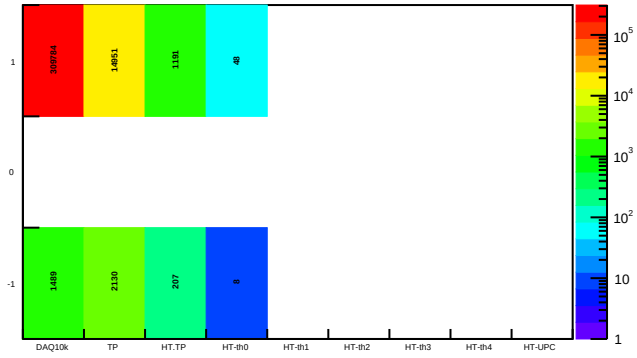

EM201-BC104
Entries 2954547
1
0
276126
52320
1394
59
1
2
3948
50157
275963
326889
328224
328282
328281
328283
328283
324325
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 329750
1
0
-1
274953
48687
1093
49
1
1598
2138
225
6
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

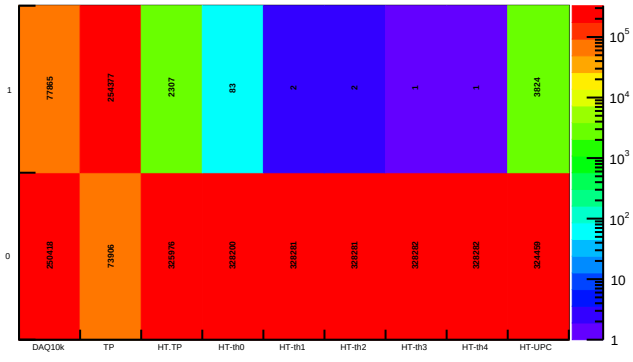
EM201-BC105 Entries 2954547



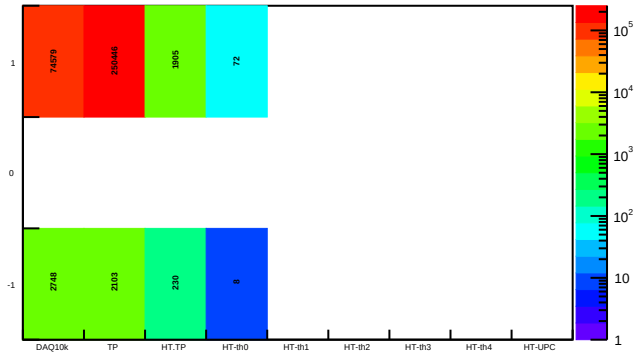
EM201-BC105Diff Entries 329808



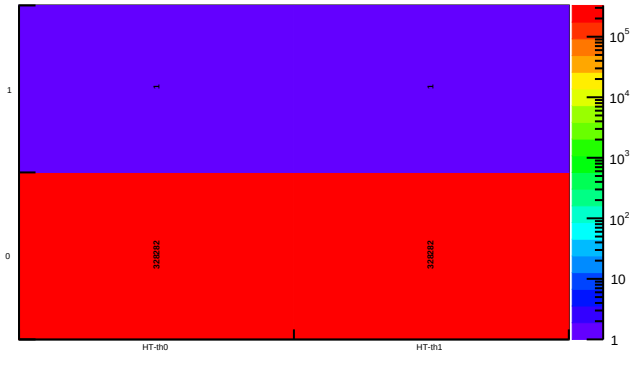
EM201-BC106 Entries 2954547



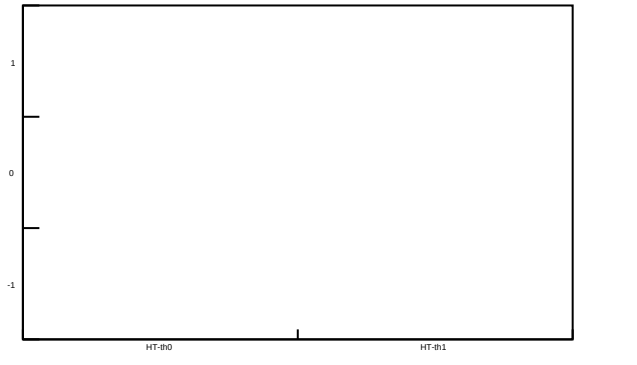
EM201-BC106Diff Entries 332091



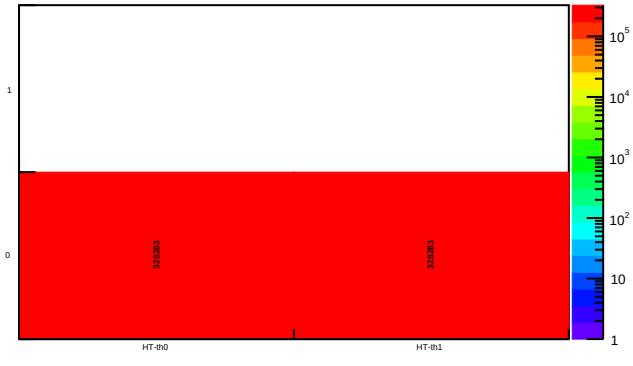
EM201-EE101 Entries 656566



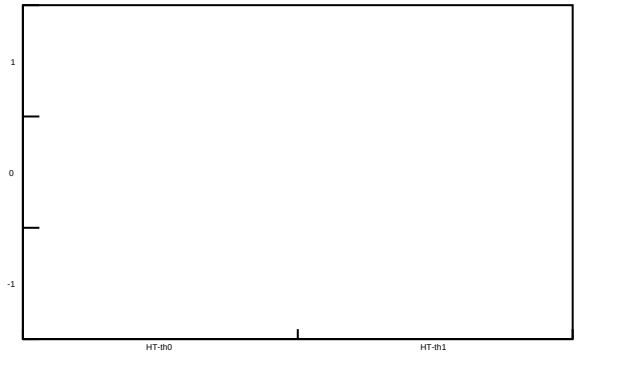
EM201-EE101Diff Entries 0

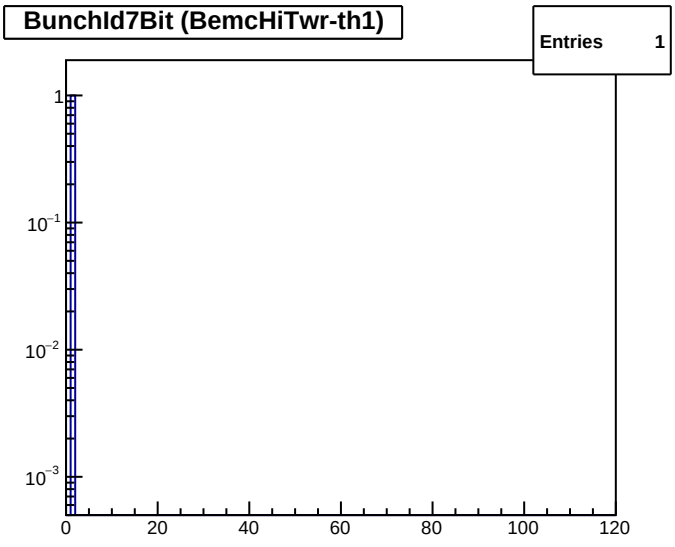


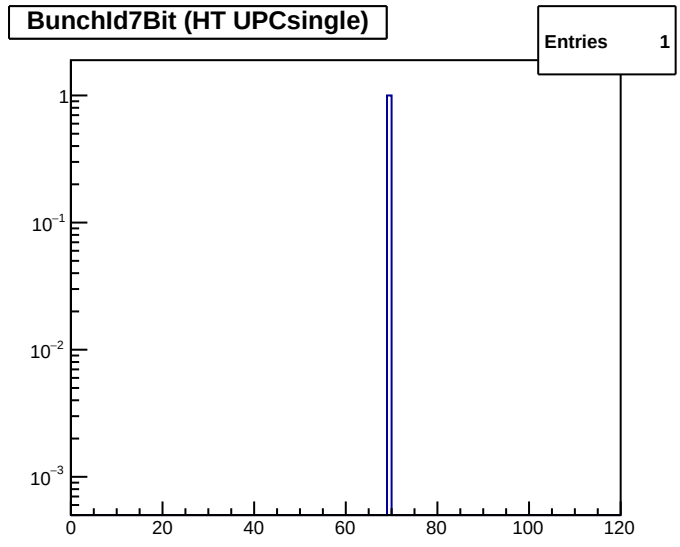
EM201-EE102 Entries 656566

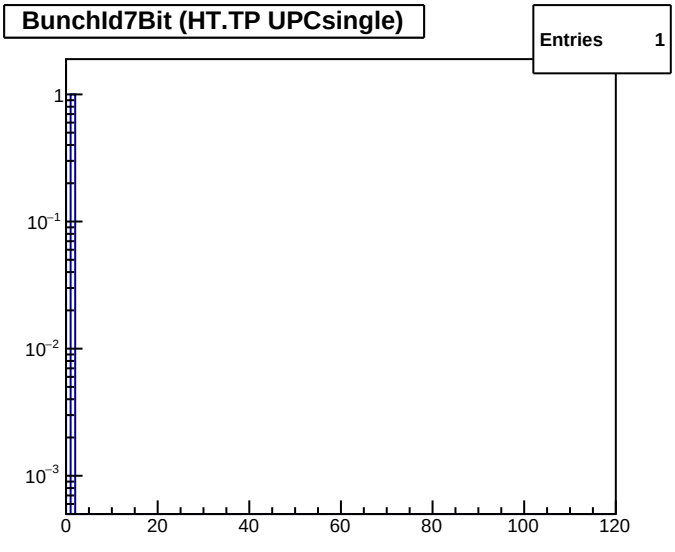


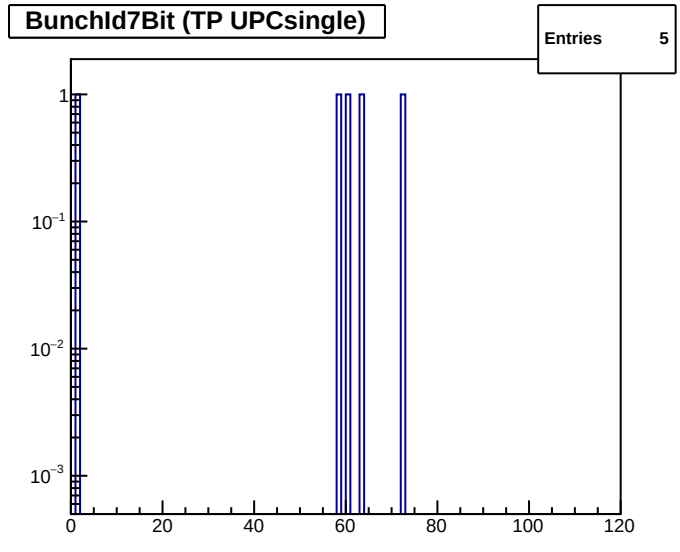
EM201-EE102Diff Entries 0

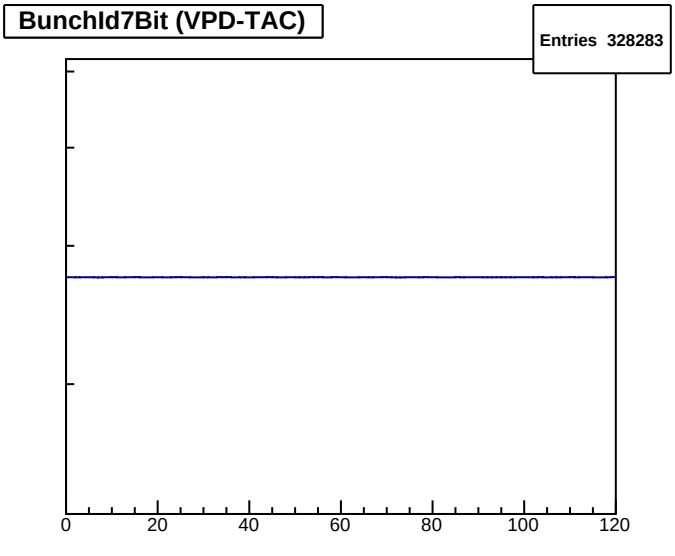


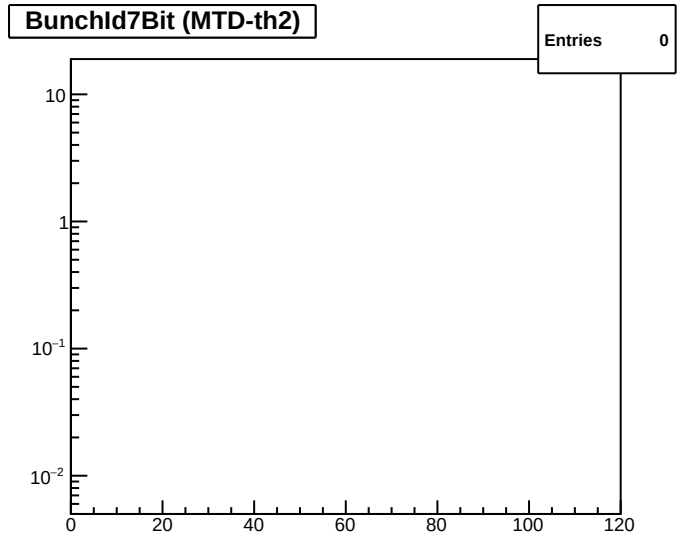

BunchId7Bit (BemcHiTwr-th1)
Entries 1
1
10^-1
10^-2
10^-3
0 20 40 60 80 100 120

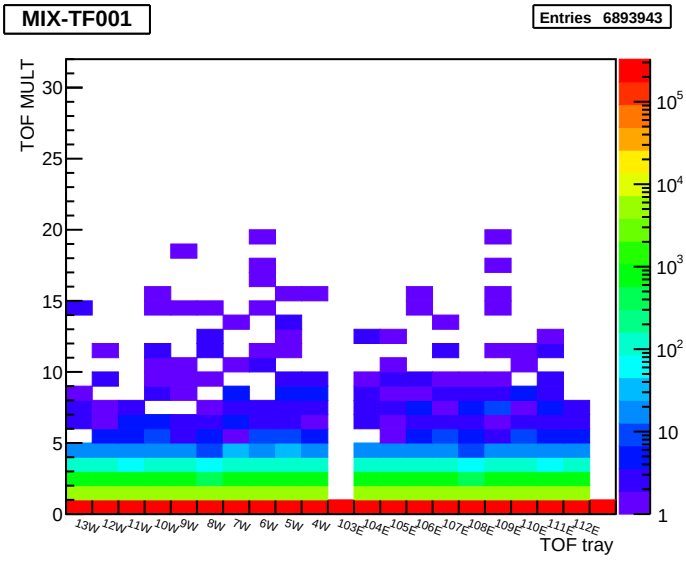

BunchId7Bit (HT UPCsingle)
Entries 1
1
10^-1
10^-2
10^-3
0 20 40 60 80 100 120

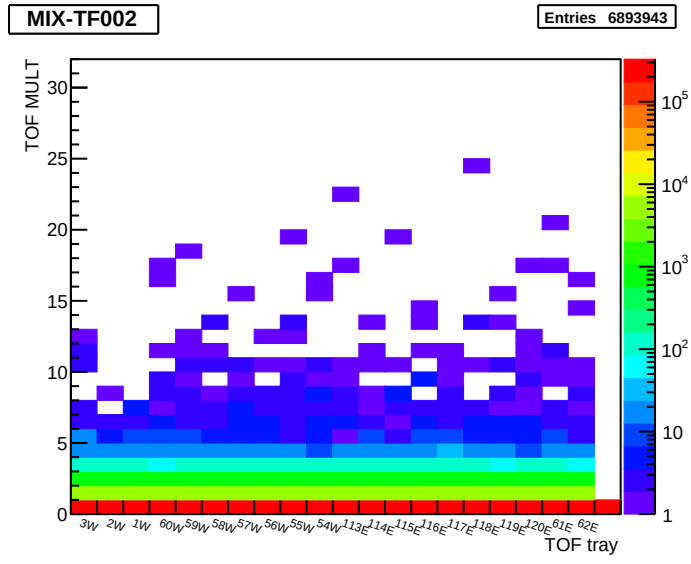

BunchId7Bit (HT.TP UPCsingle)
Entries 1
1
10^-1
10^-2
10^-3
0 20 40 60 80 100 120

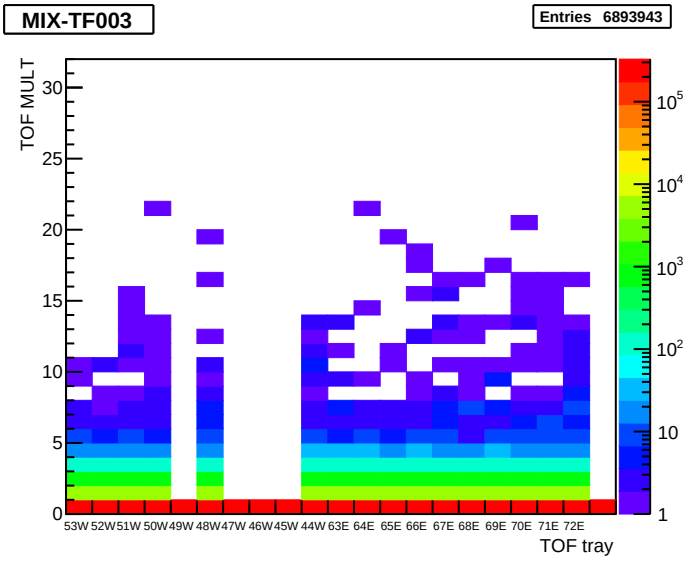

BunchId7Bit (TP UPCsingle)
Entries 5
1
10^-1
10^-2
10^-3
0 20 40 60 80 100 120

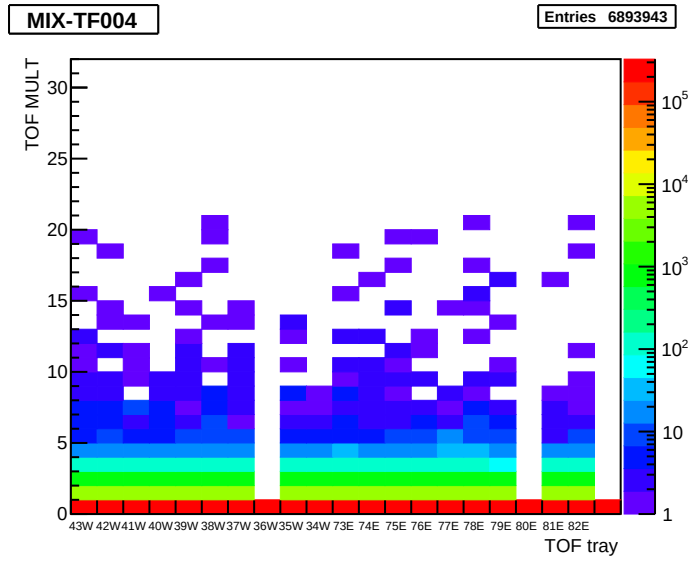

BunchId7Bit (VPD-TAC)
Entries 328283
0 20 40 60 80 100 120

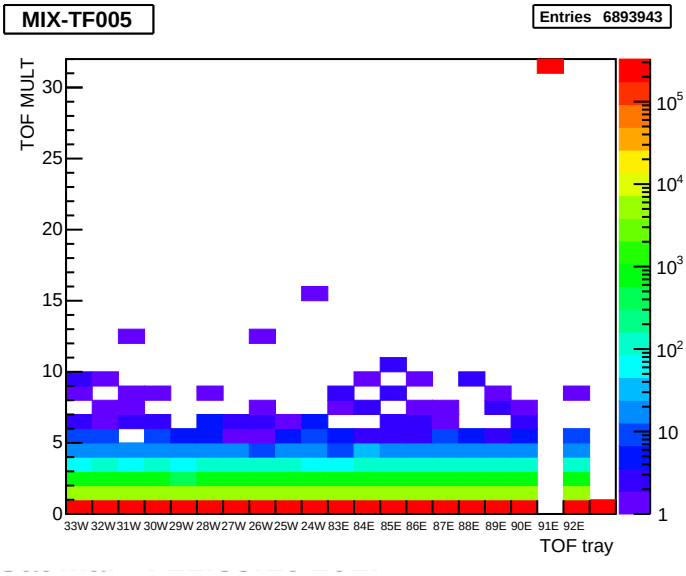

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^-1
10^-2
0 20 40 60 80 100 120

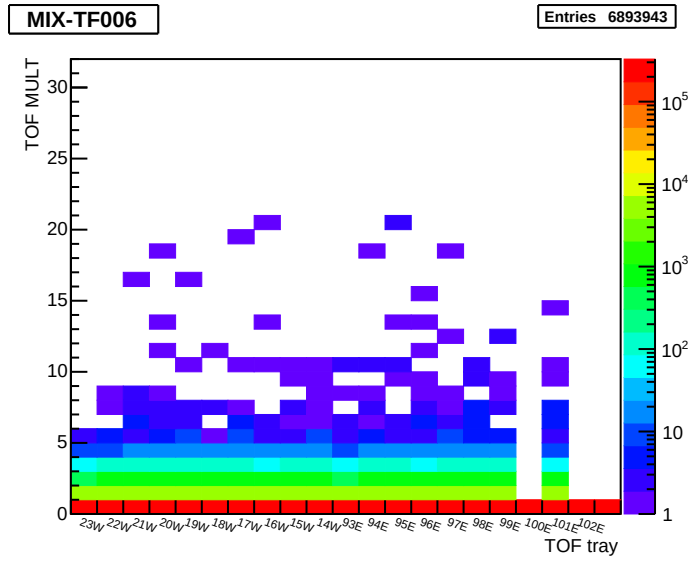

MIX-TF001
Entries 6893943
TOF MULT
TOF tray

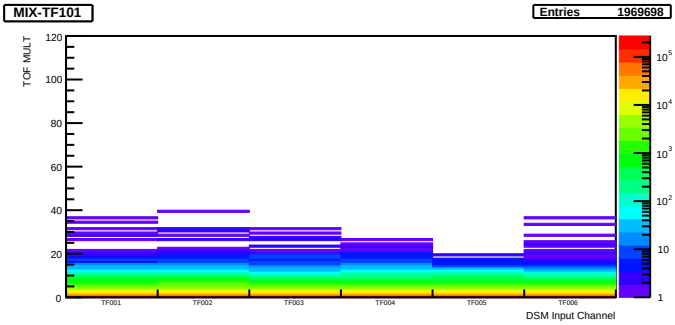

MIX-TF002
Entries 6893943
TOF MULT
TOF tray

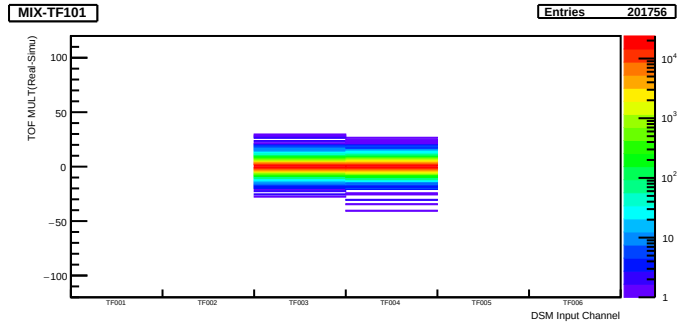

MIX-TF003
Entries 6893943
TOF MULT
TOF tray

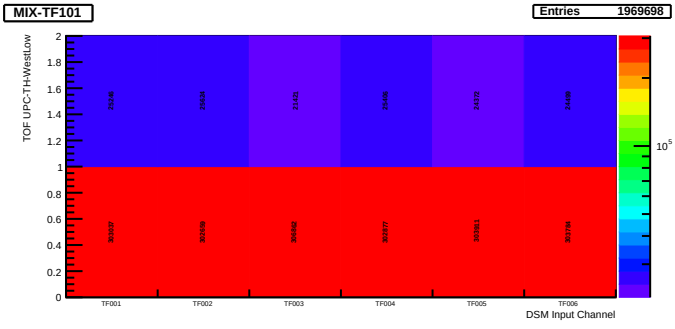

MIX-TF004
Entries 6893943
TOF MULT
TOF tray

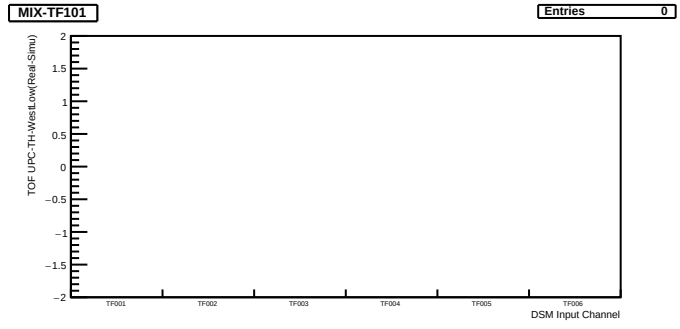

MIX-TF005
Entries 6893943
TOF MULT
TOF tray

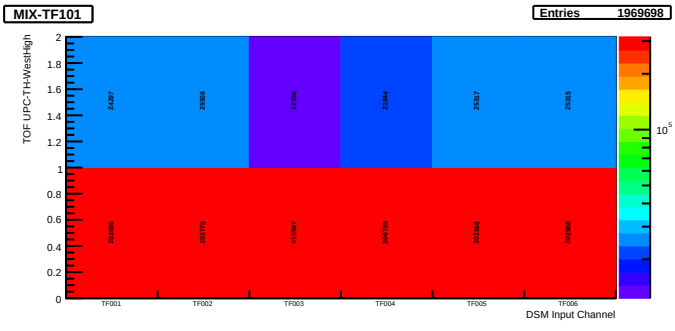

MIX-TF006
Entries 6893943
TOF MULT
TOF tray

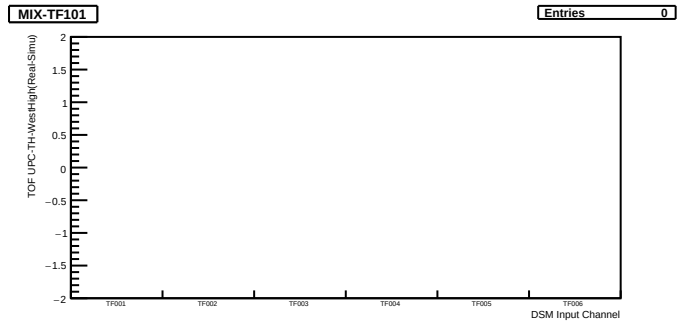

MIX-TF101
Entries 1969698
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

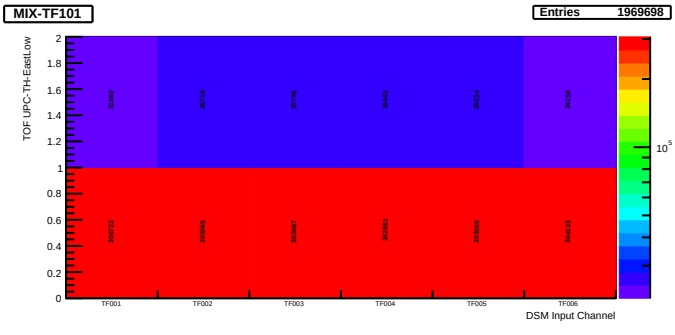

MIX-TF101
Entries 201756
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

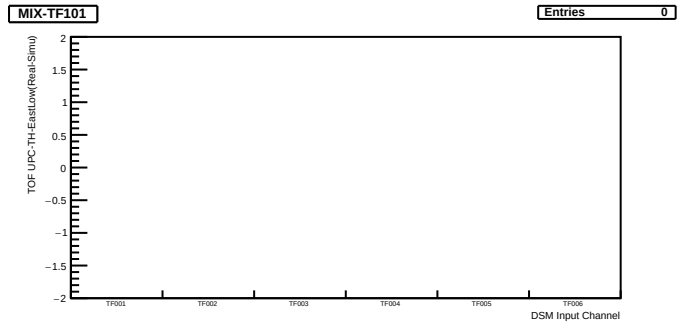

MIX-TF101
Entries 1969698
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

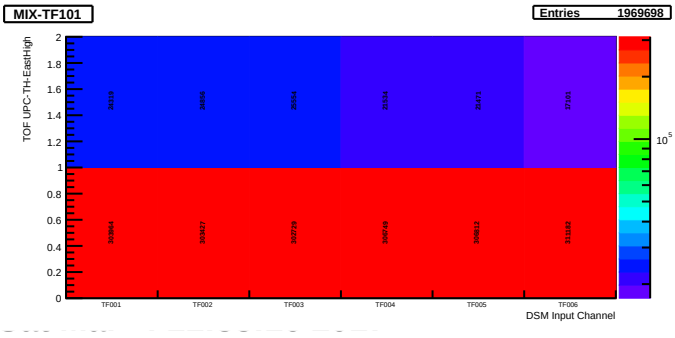

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

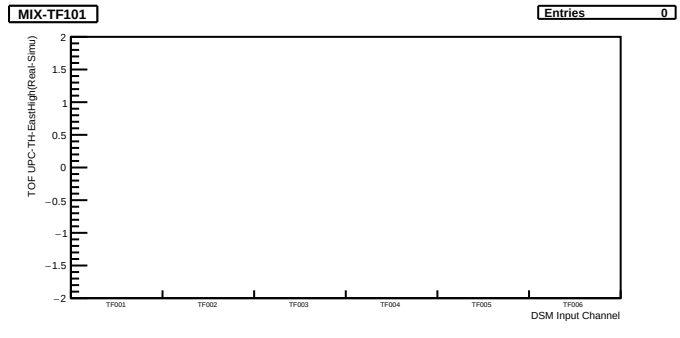

MIX-TF101
Entries 1969698
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

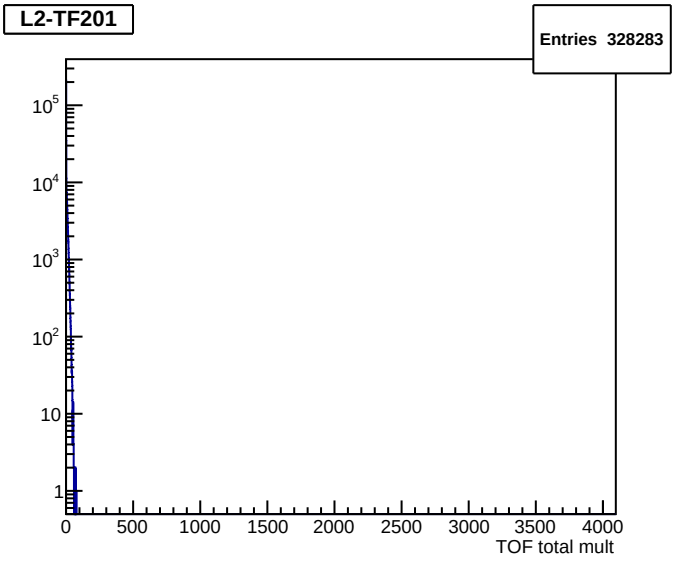

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

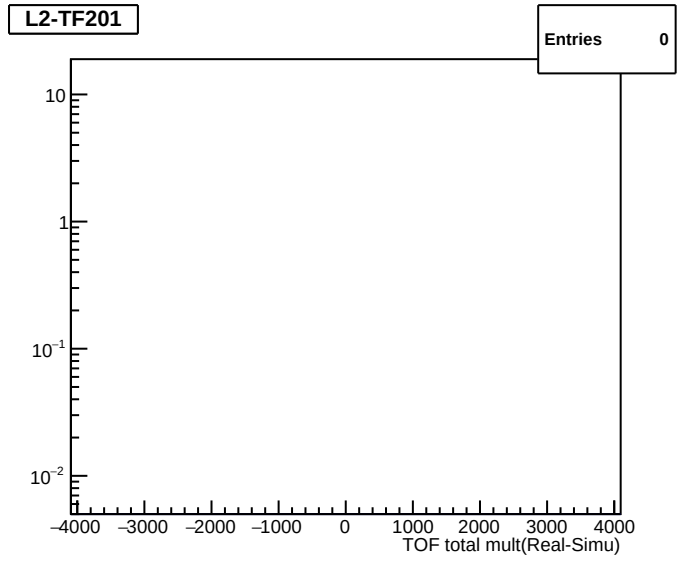

MIX-TF101
Entries 1969698
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

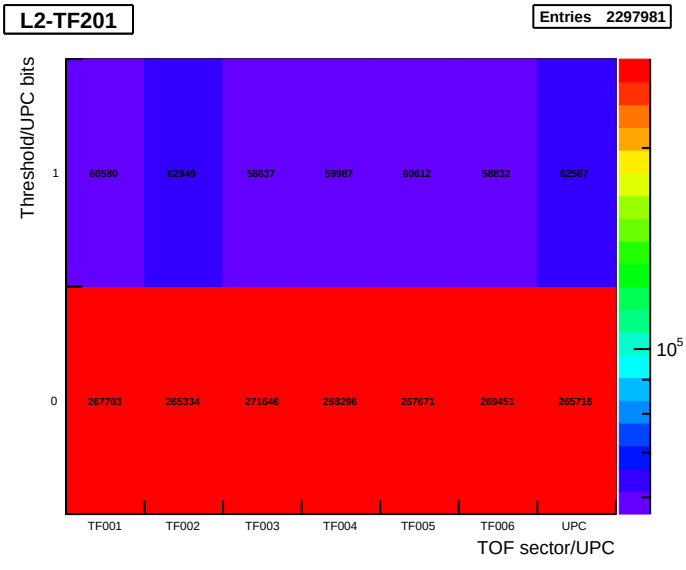

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

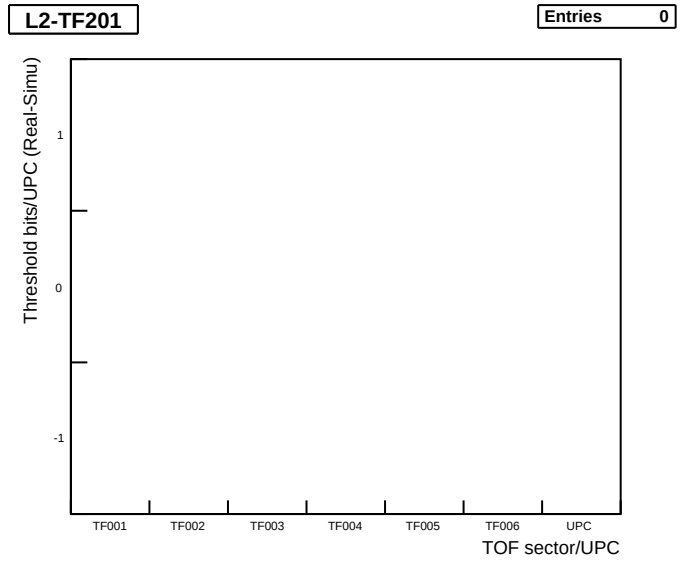

MIX-TF101
Entries 1969698
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

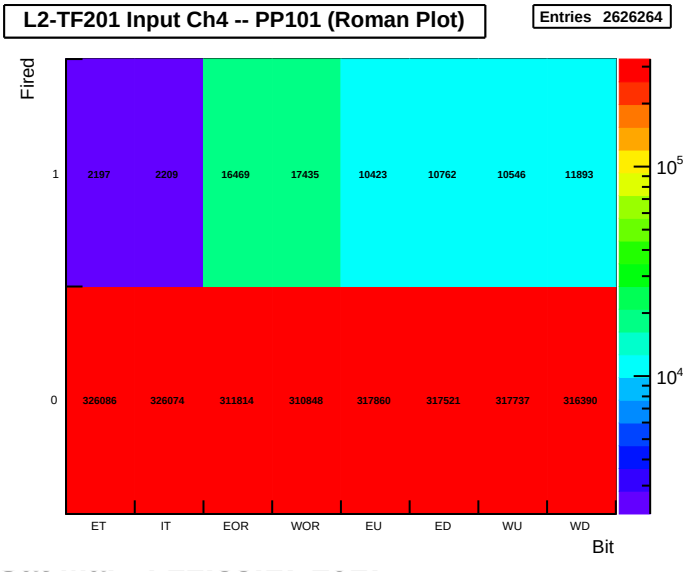

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

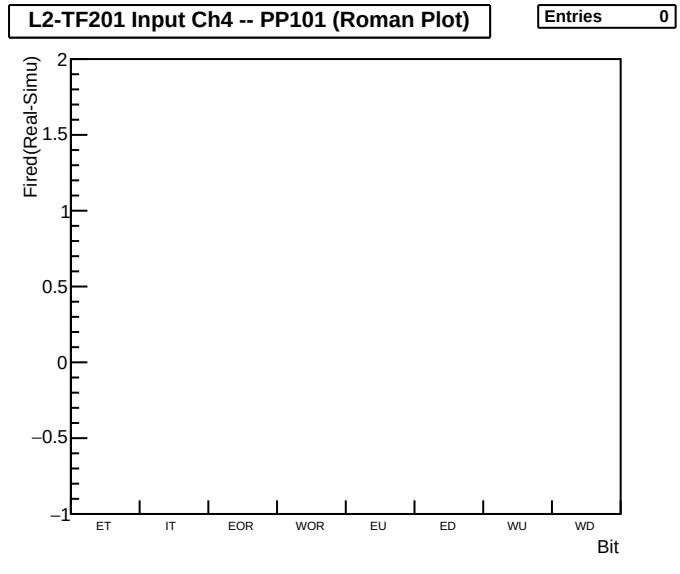

L2-TF201
Entries 328283
TOF total mult

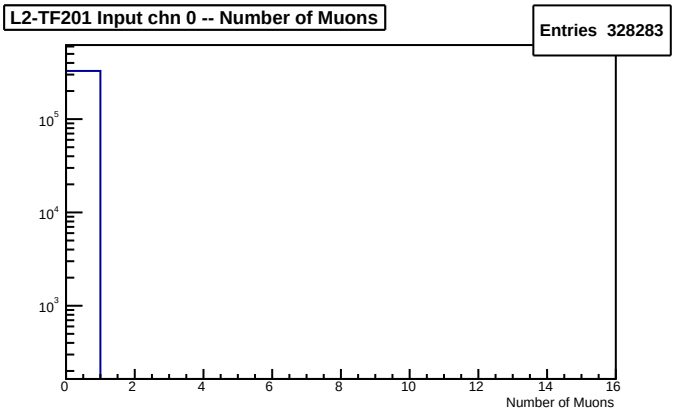

L2-TF201
Entries 0
TOF total mult(Real-Simu)

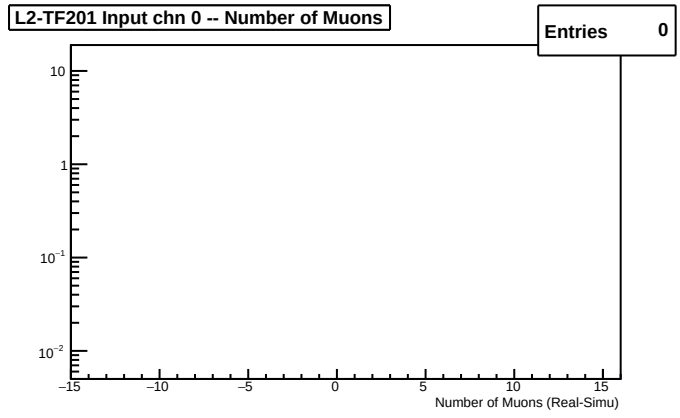

L2-TF201
Entries 2297981
Threshold/UPC bits
60580 62949 56637 59987 60612 58832 62567
267703 265334 271646 268296 267671 269451 265716
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

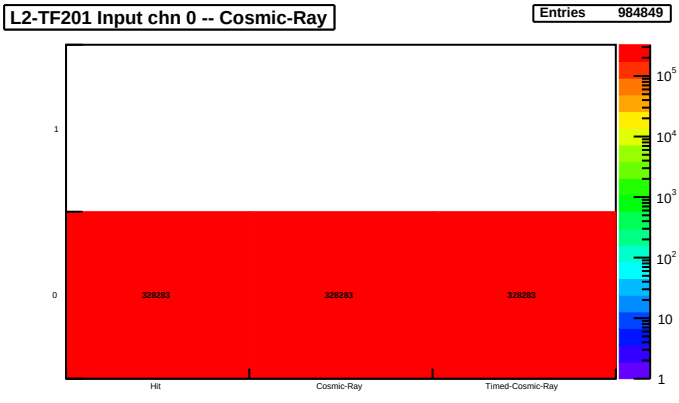

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

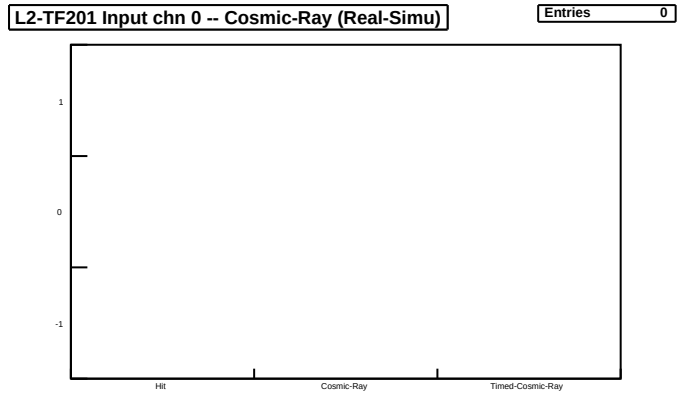

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2626264
Fired
2197 2209 16469 17435 10423 10762 10546 11893
326086 326074 311814 310848 317860 317521 317737 316390
ET IT EOR WOR EU ED WU WD
Bit

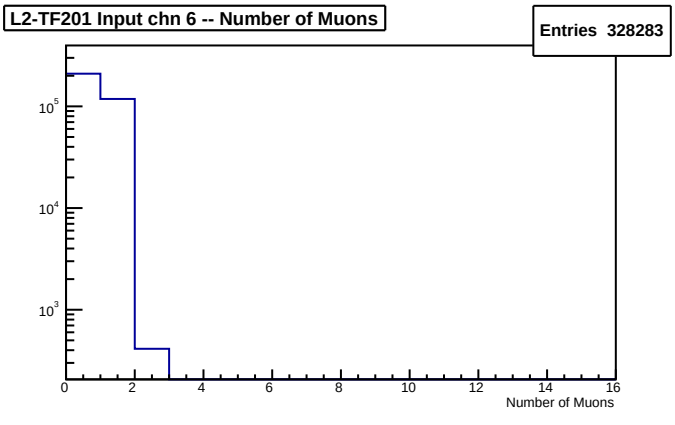

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

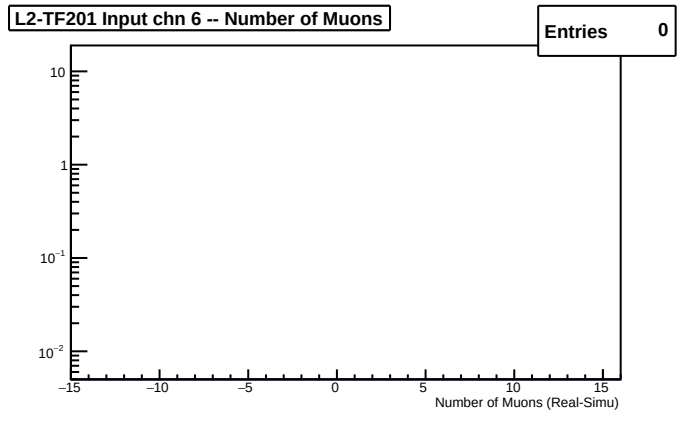

L2-TF201 Input chn 0 -- Number of Muons
Entries 328283
Number of Muons

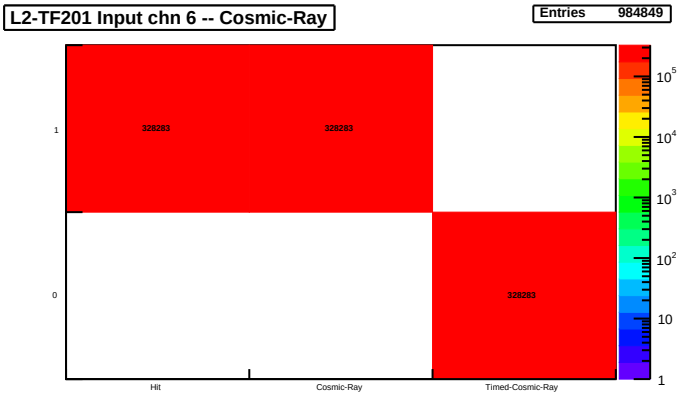

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

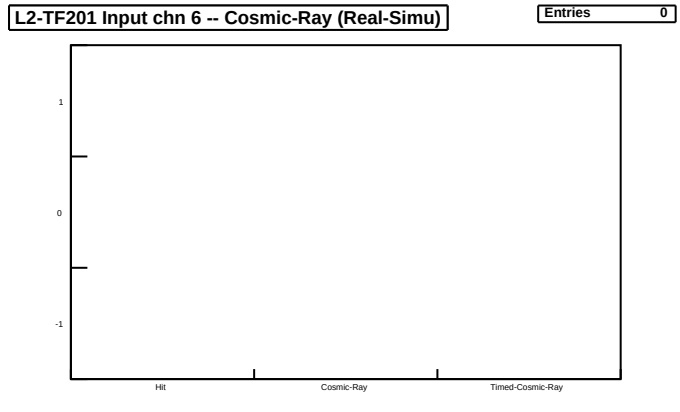

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 984849
328283
328283
328283
Hit
Cosmic-Ray
Timed-Cosmic-Ray

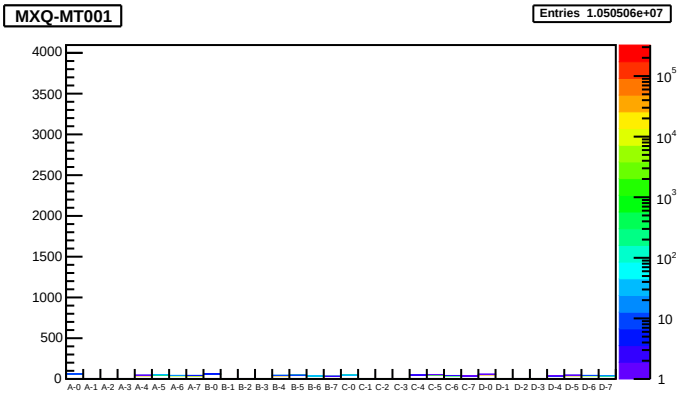

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

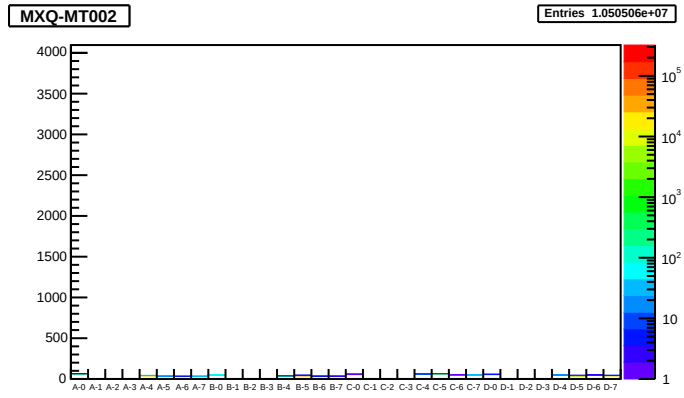

L2-TF201 Input chn 6 -- Number of Muons
Entries 328283
Number of Muons

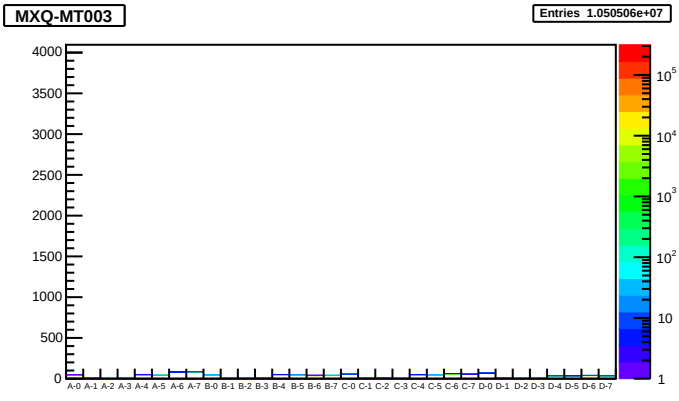

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

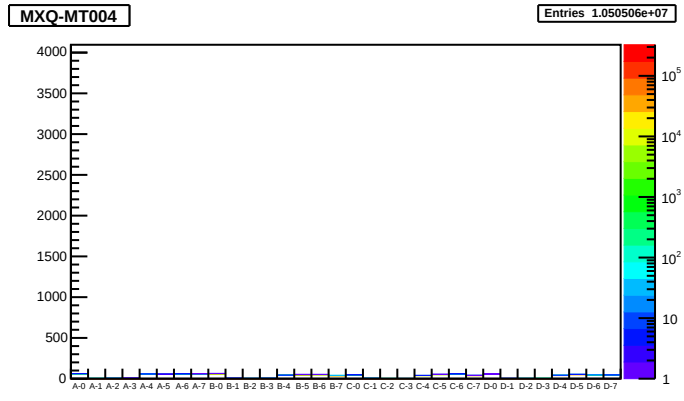

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 984849
328283
328283
328283
Hit
Cosmic-Ray
Timed-Cosmic-Ray

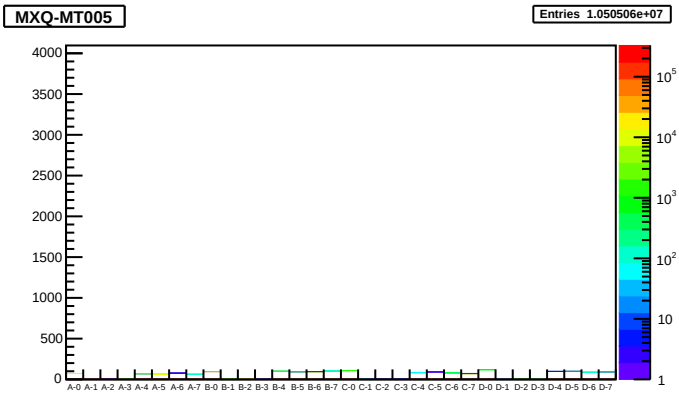

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

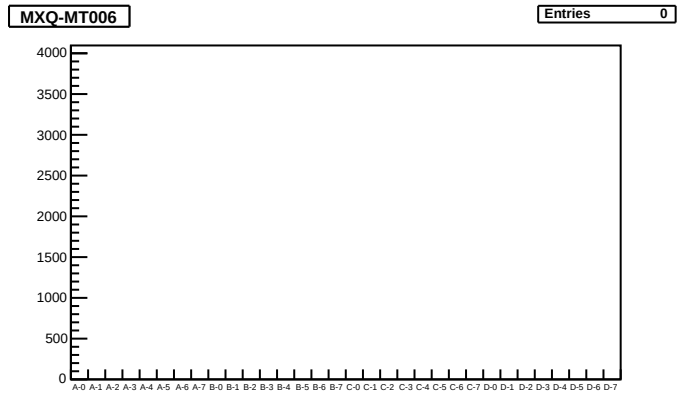

MXQ-MT001
Entries 1.050506e+07

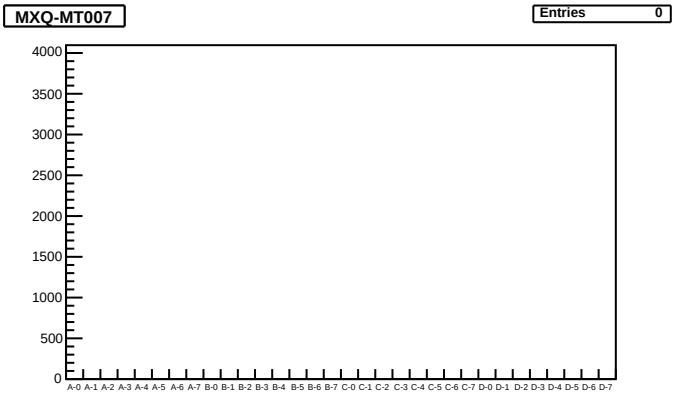

MXQ-MT002
Entries 1.050506e+07

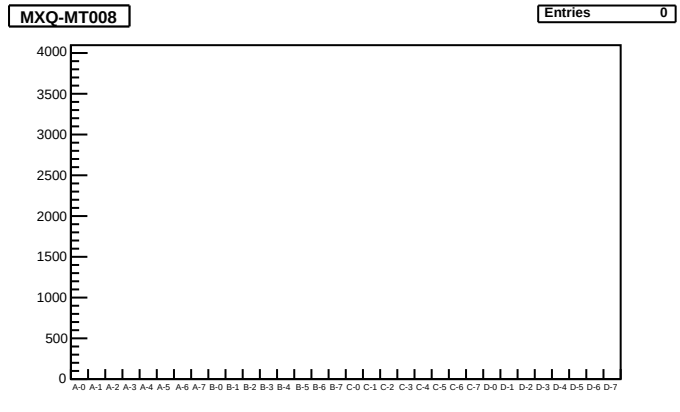

MXQ-MT003
Entries 1.050506e+07

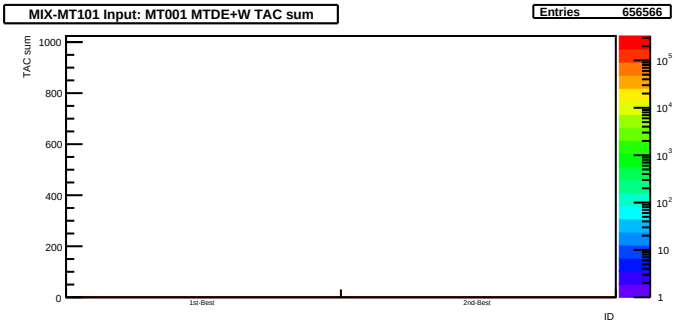

MXQ-MT004
Entries 1.050506e+07

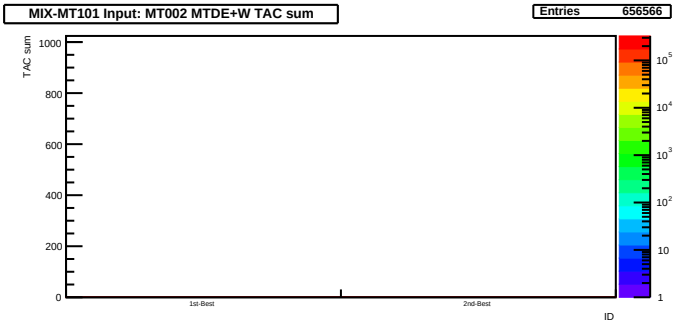

MXQ-MT005
Entries 1.050506e+07

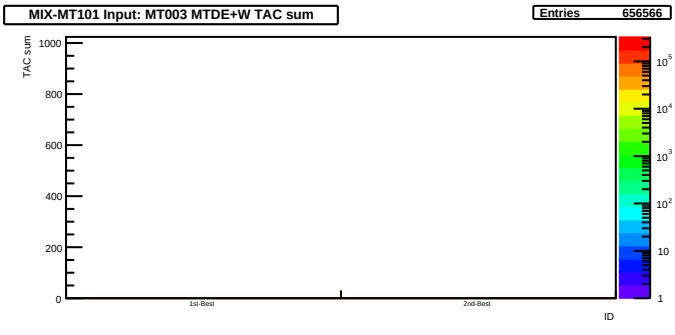

MXQ-MT006
Entries 0

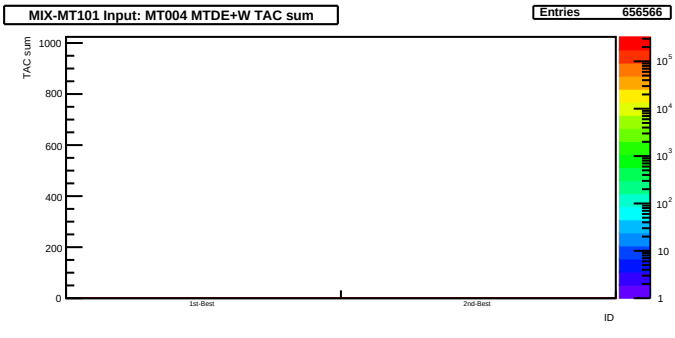

MXQ-MT007
Entries 0

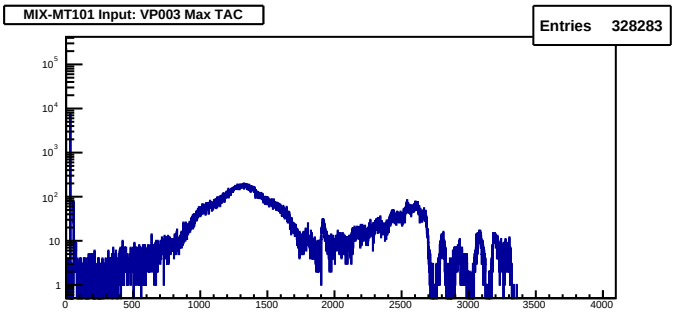

MXQ-MT008
Entries 0

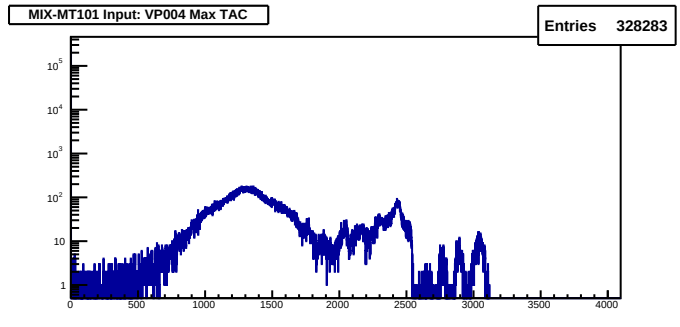

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 656566
TAC sum
1st-Best
2nd-Best
ID

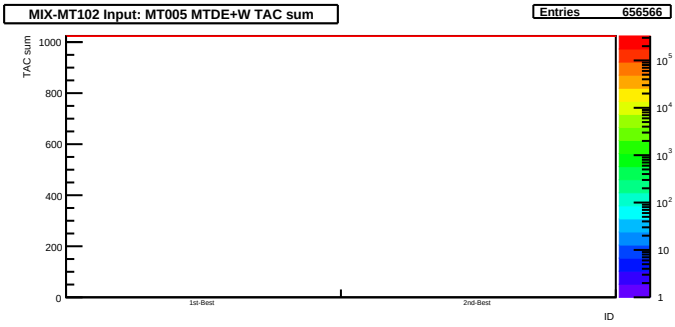

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 656566
TAC sum
1st-Best
2nd-Best
ID

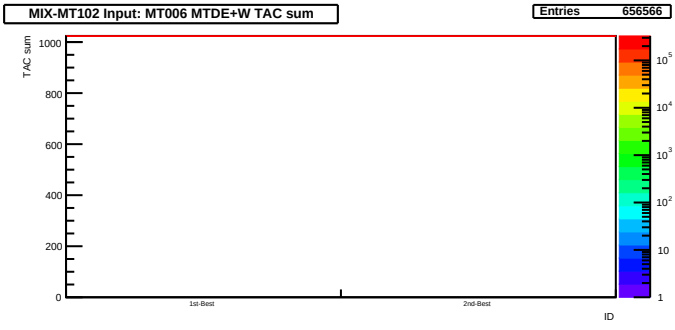

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 656566
TAC sum
1st-Best
2nd-Best
ID

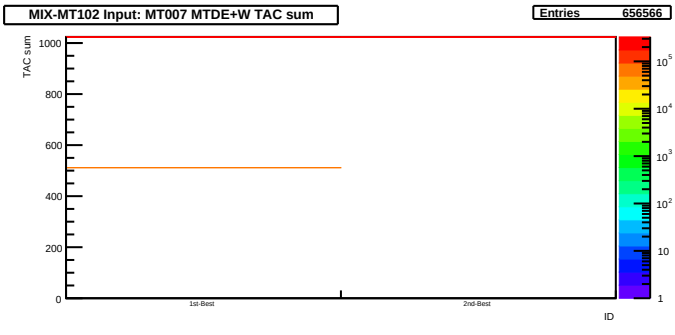

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 656566
TAC sum
1st-Best
2nd-Best
ID

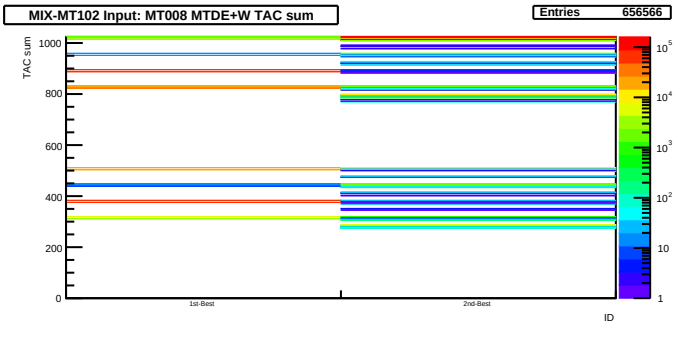

MIX-MT101 Input: VP003 Max TAC
Entries 328283

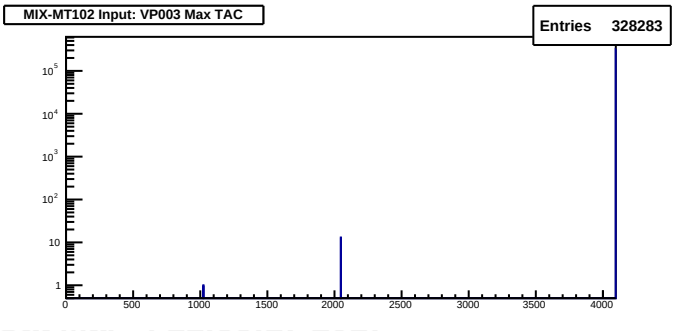

MIX-MT101 Input: VP004 Max TAC
Entries 328283

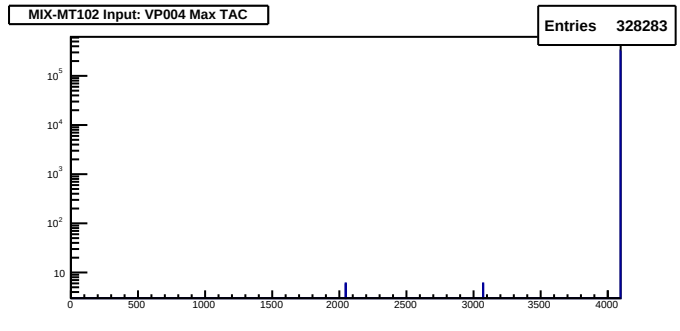

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 656566
TAC sum
1st-Best
2nd-Best
ID

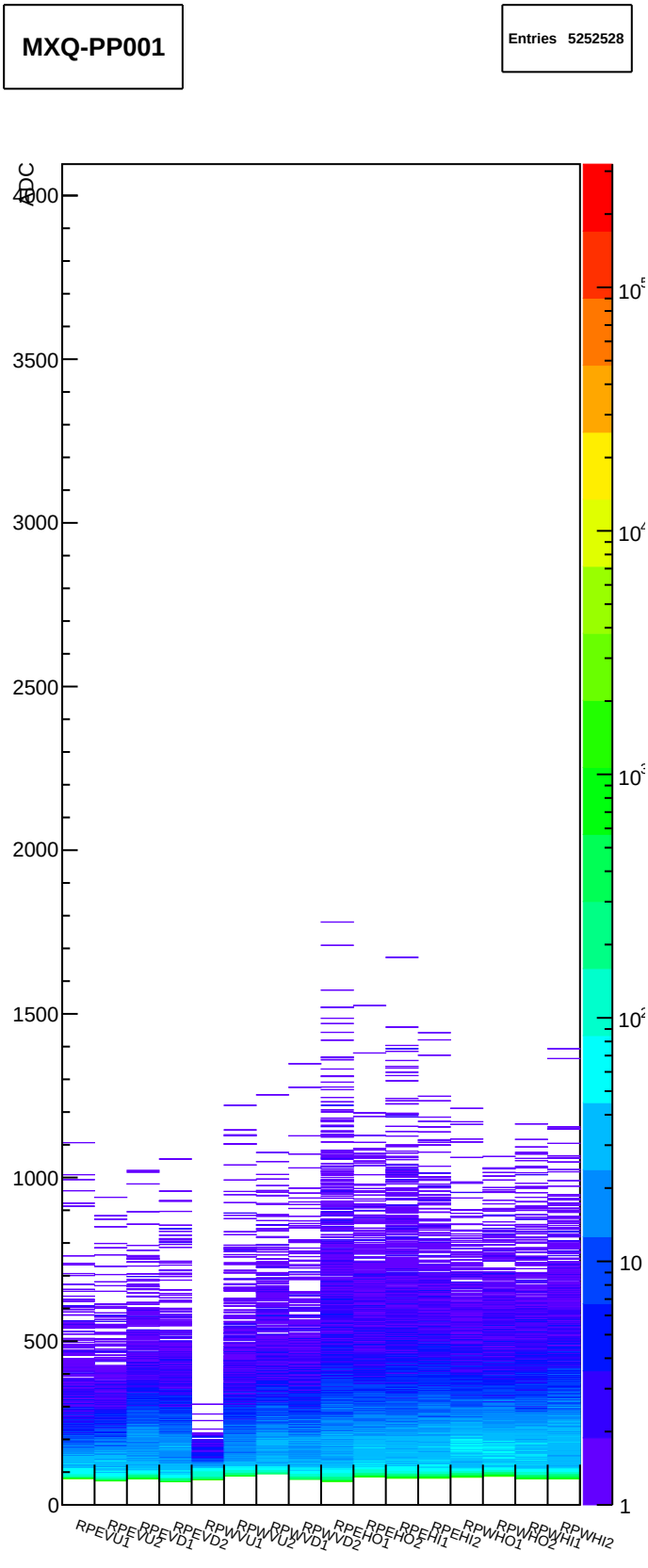

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 656566
TAC sum
1st-Best
2nd-Best
ID

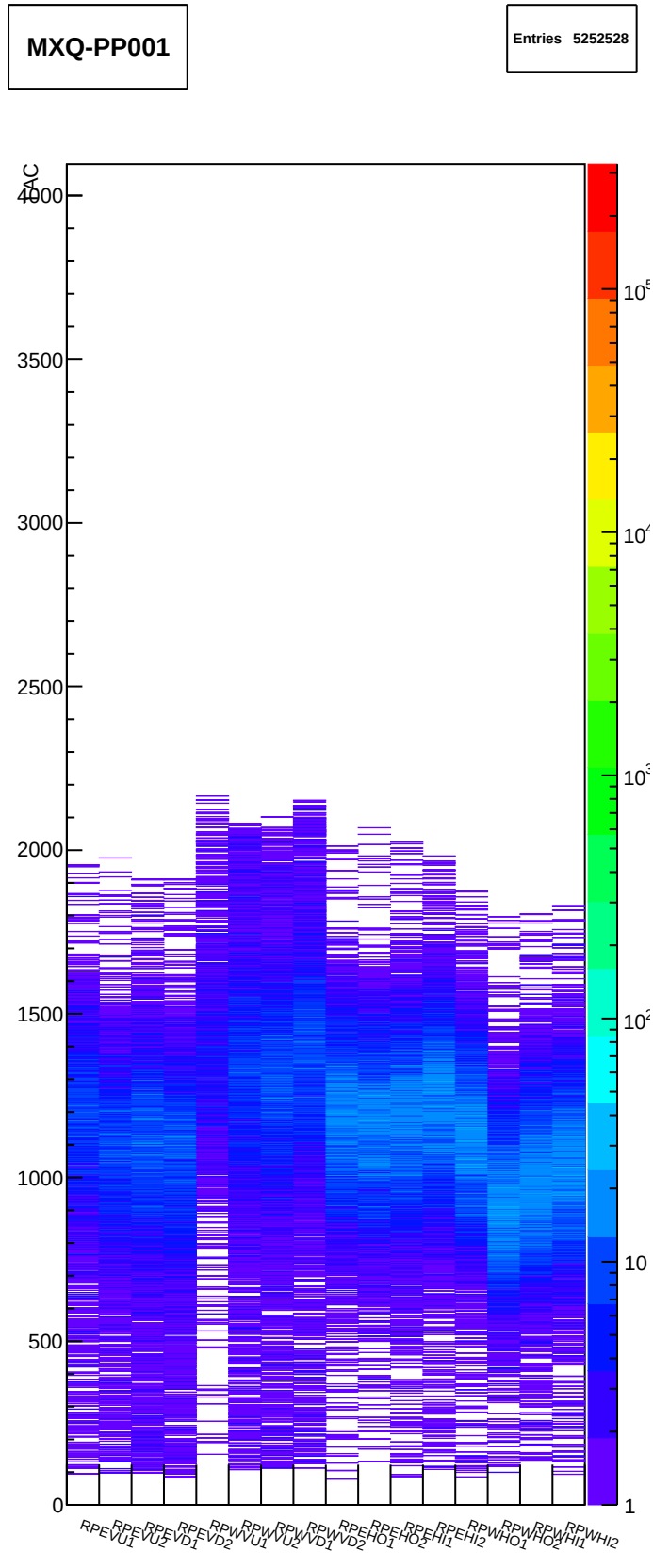

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 656566
TAC sum
1st-Best
2nd-Best
ID

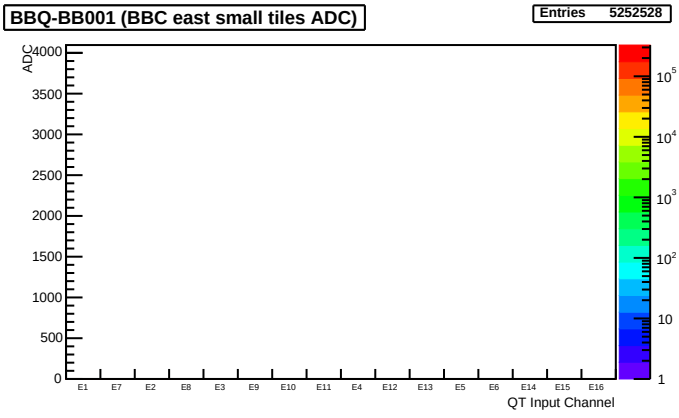

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 656566
TAC sum
1st-Best
2nd-Best
ID

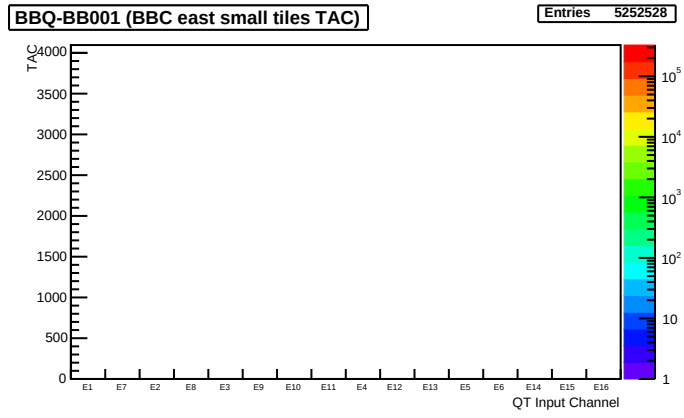

MIX-MT102 Input: VP003 Max TAC
Entries 328283

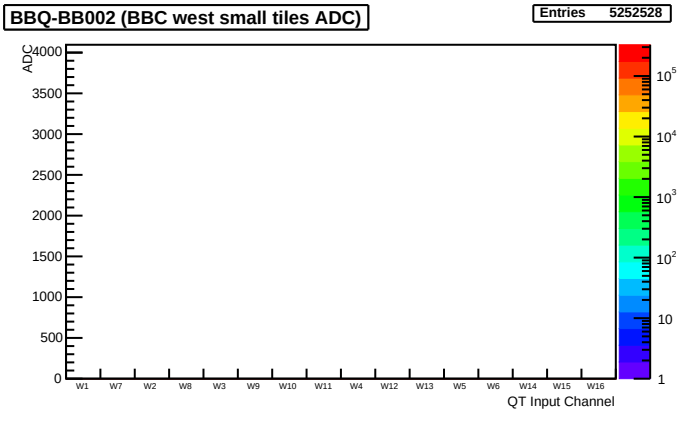

MIX-MT102 Input: VP004 Max TAC
Entries 328283

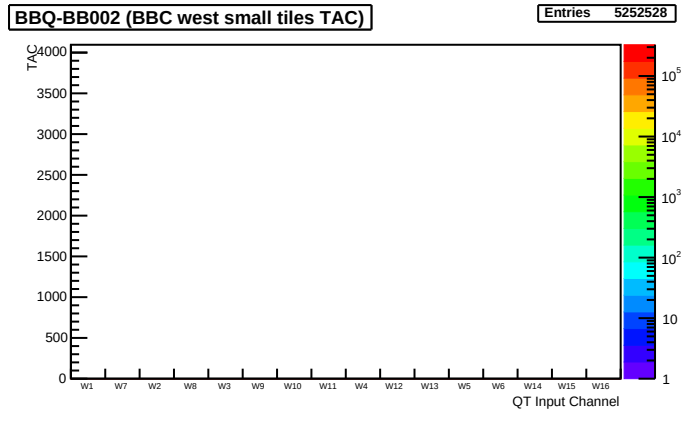

MXQ-PP001
Entries 5252528
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

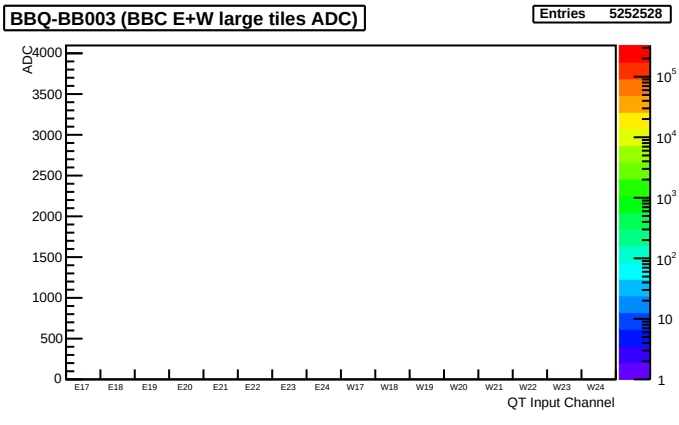

MXQ-PP001
Entries 5252528
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

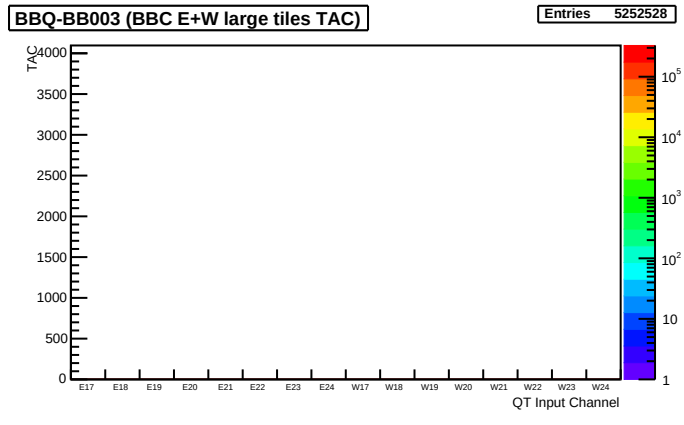

BBQ-BB001 (BBC east small tiles ADC)
Entries 5252528
ADC
QT Input Channel

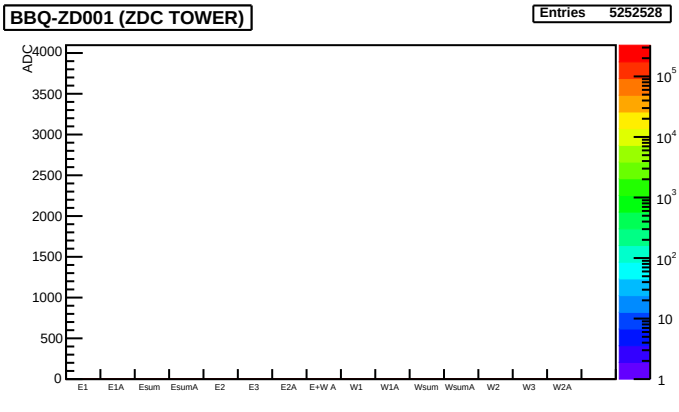

BBQ-BB001 (BBC east small tiles TAC)
Entries 5252528
TAC
QT Input Channel

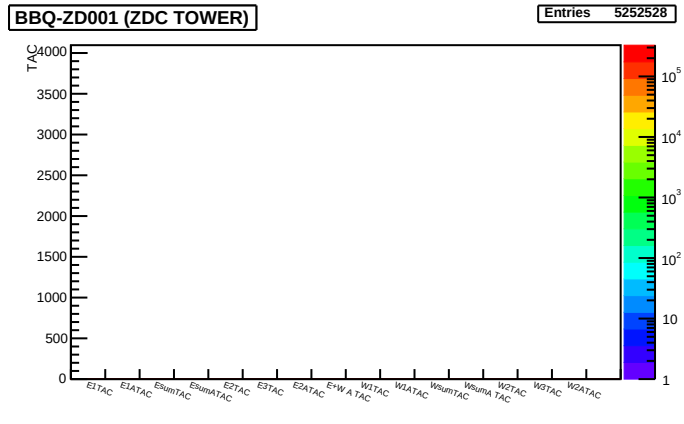

BBQ-BB002 (BBC west small tiles ADC)
Entries 5252528
ADC
QT Input Channel

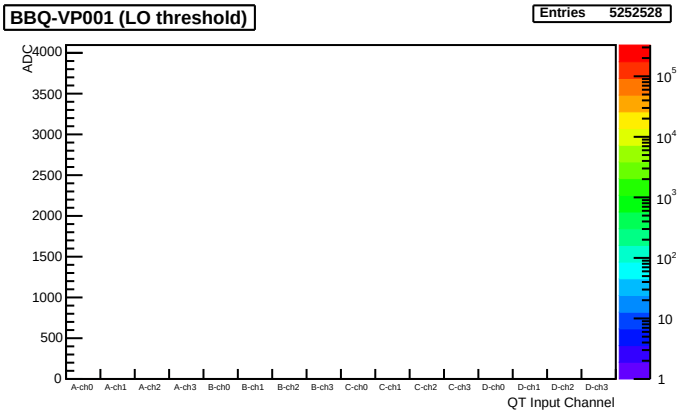

BBQ-BB002 (BBC west small tiles TAC)
Entries 5252528
TAC
QT Input Channel

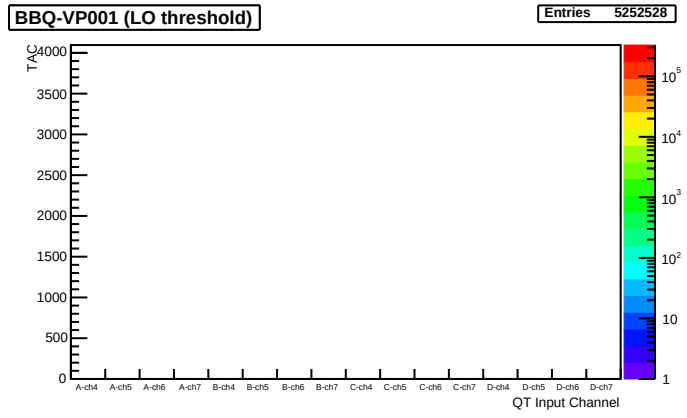

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5252528
ADC
QT Input Channel

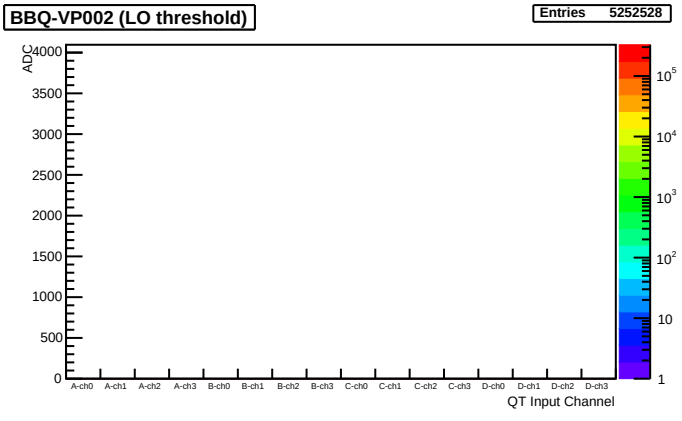

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5252528
TAC
QT Input Channel

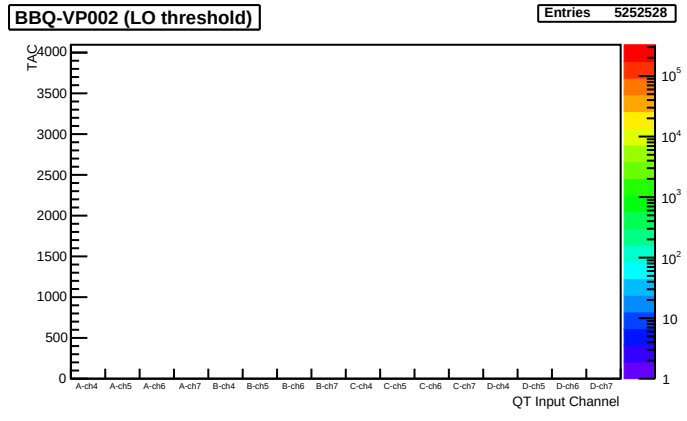

BBQ-ZD001 (ZDC TOWER)
Entries 5252528
ADC

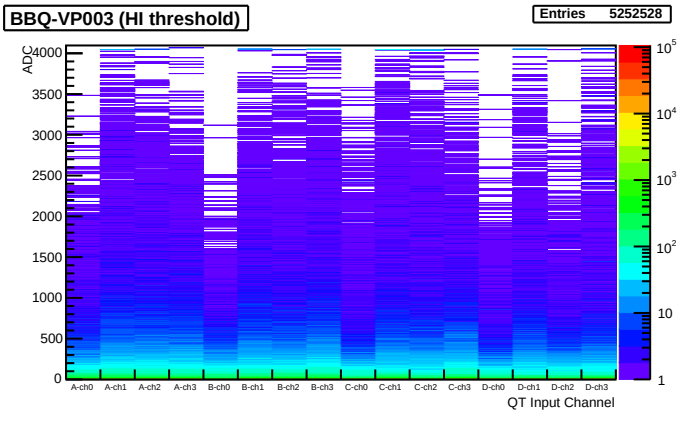

BBQ-ZD001 (ZDC TOWER)
Entries 5252528
TAC

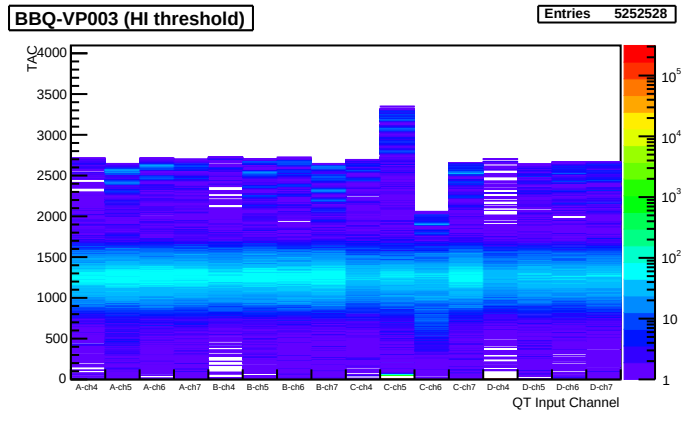

BBQ-VP001 (LO threshold)
Entries 5252528
ADC
QT Input Channel

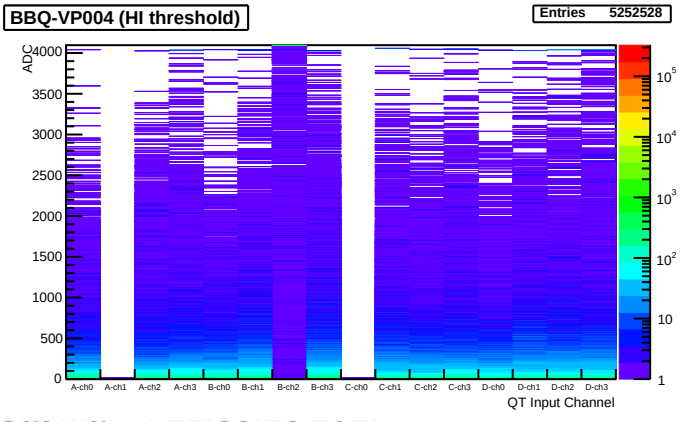

BBQ-VP001 (LO threshold)
Entries 5252528
TAC
QT Input Channel

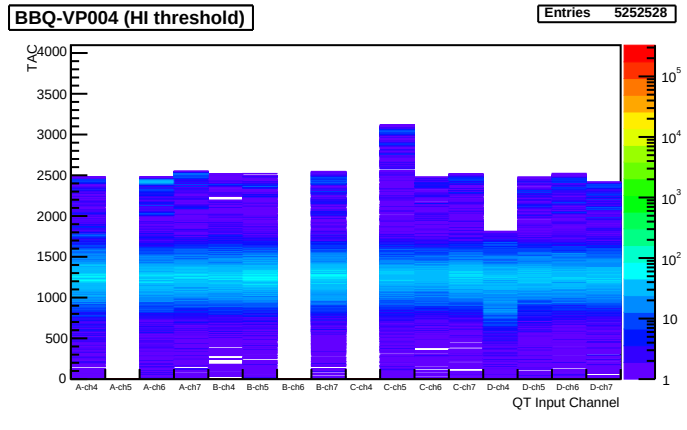

BBQ-VP002 (LO threshold)
Entries 5252528
ADC
QT Input Channel

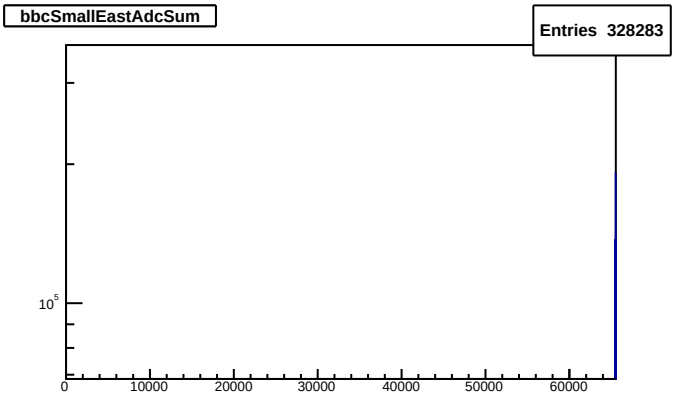

BBQ-VP002 (LO threshold)
Entries 5252528
TAC
QT Input Channel

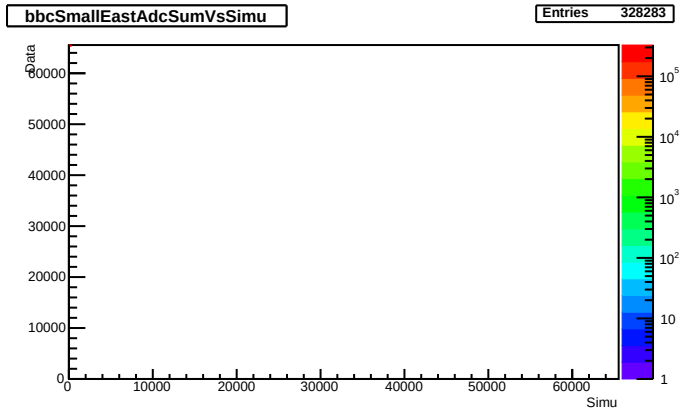

BBQ-VP003 (HI threshold)
Entries 5252528
ADC
QT Input Channel

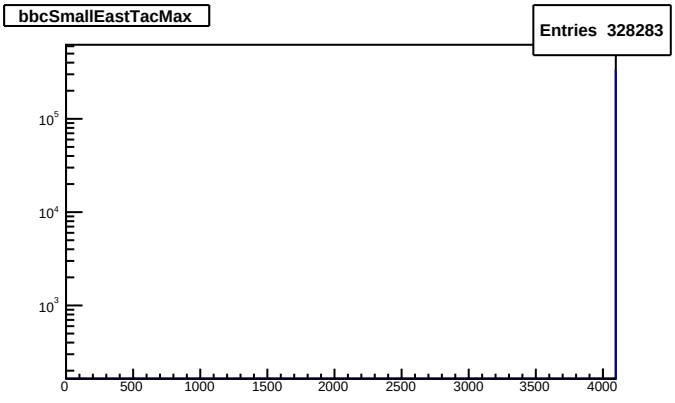

BBQ-VP003 (HI threshold)
Entries 5252528
TAC
QT Input Channel

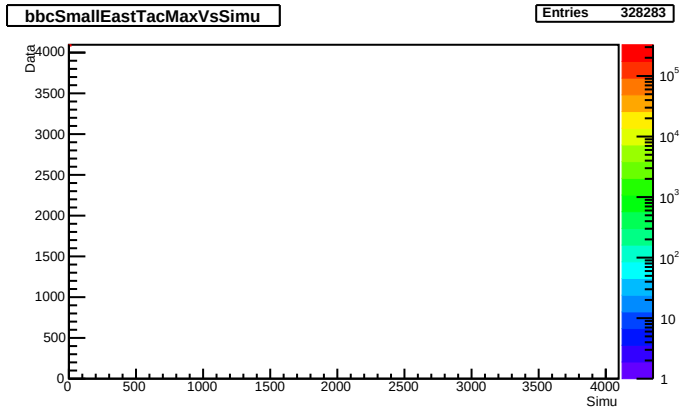

BBQ-VP004 (HI threshold)
Entries 5252528
ADC
QT Input Channel

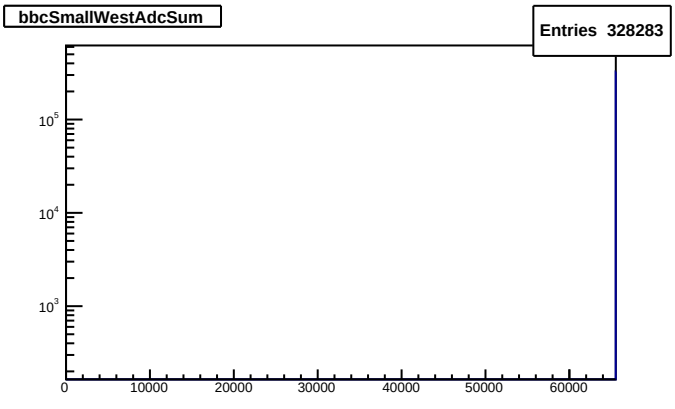

BBQ-VP004 (HI threshold)
Entries 5252528
TAC
QT Input Channel

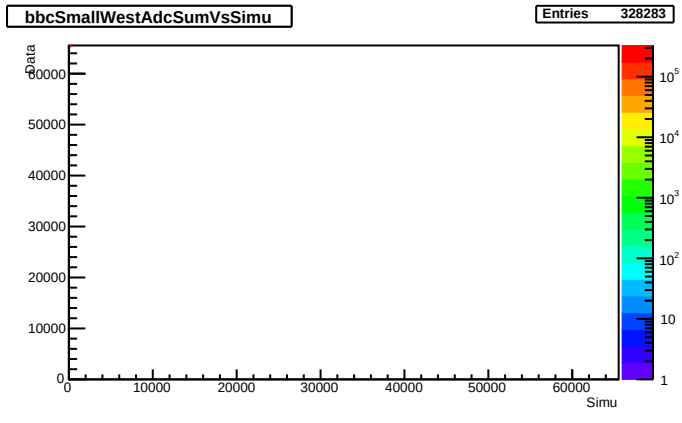

bbcSmallEastAdcSum
Entries 328283

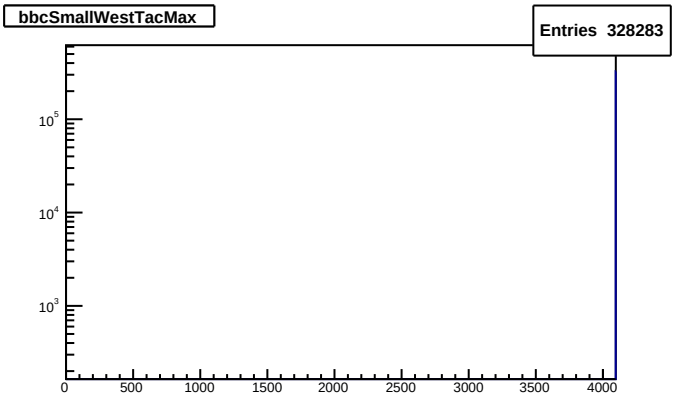

bbcSmallEastAdcSumVsSimu
Entries 328283
Data
Simu

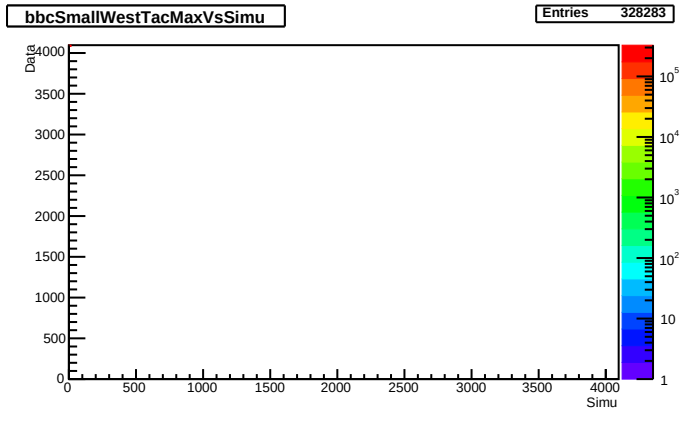

bbcSmallEastTacMax
Entries 328283

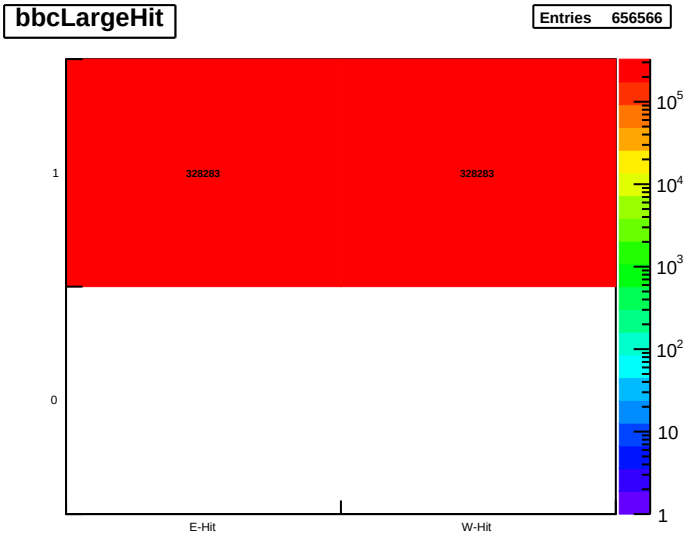

bbcSmallEastTacMaxVsSimu
Entries 328283
Data
Simu

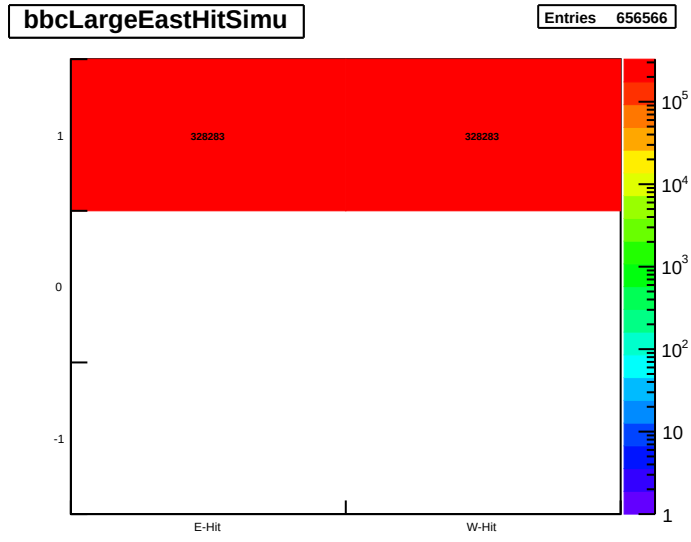

bbcSmallWestAdcSum
Entries 328283

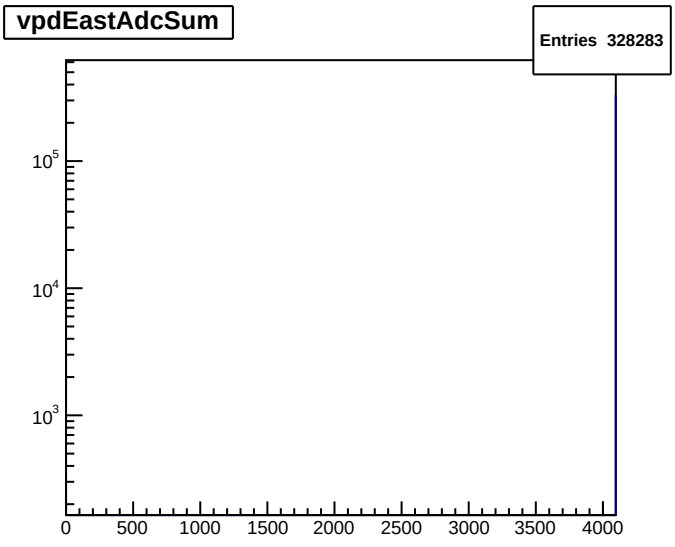

bbcSmallWestAdcSumVsSimu
Entries 328283
Data
Simu

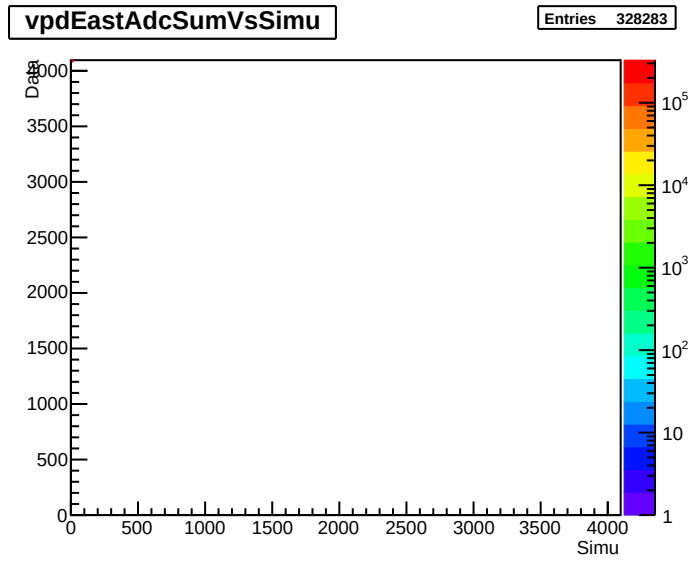

bbcSmallWestTacMax
Entries 328283

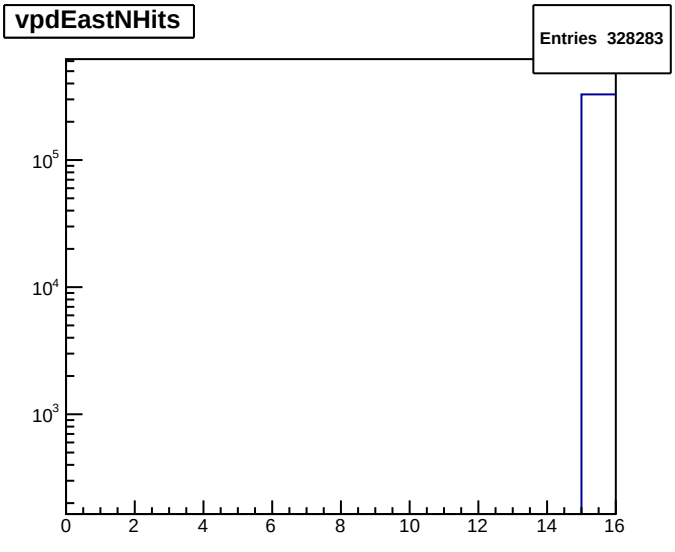

bbcSmallWestTacMaxVsSimu
Entries 328283
Data
Simu

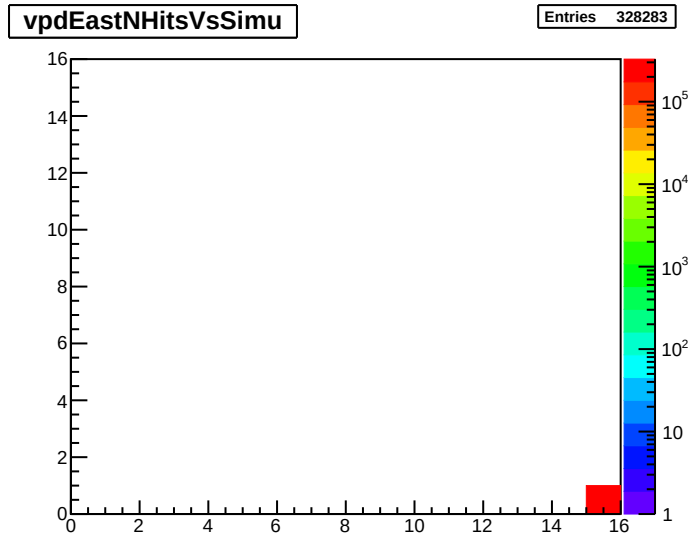

bbcLargeHit
Entries 656566
328283
328283
1
0
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

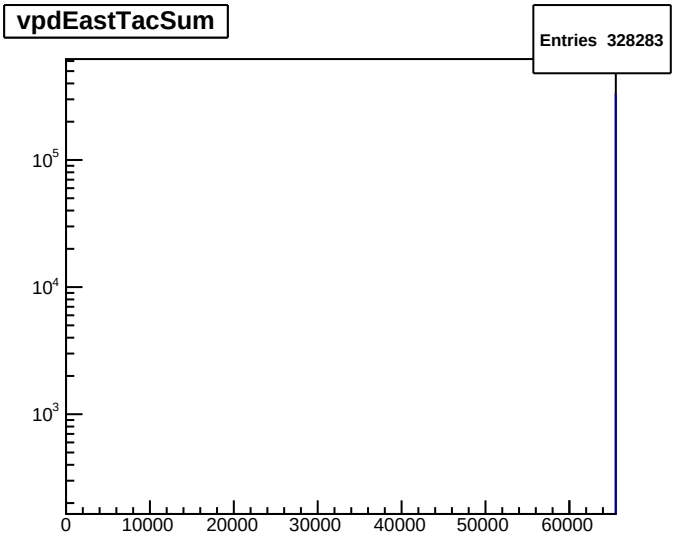

bbcLargeEastHitSimu
Entries 656566
328283
328283
1
0
-1
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

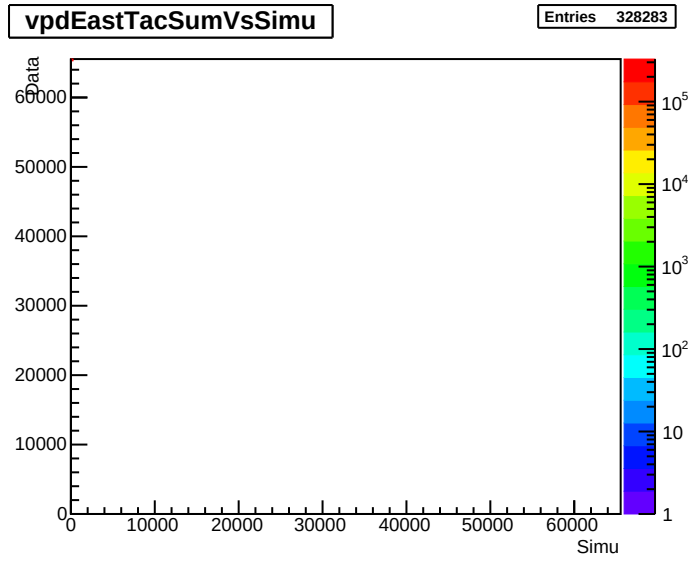

vpdEastAdcSum
Entries 328283

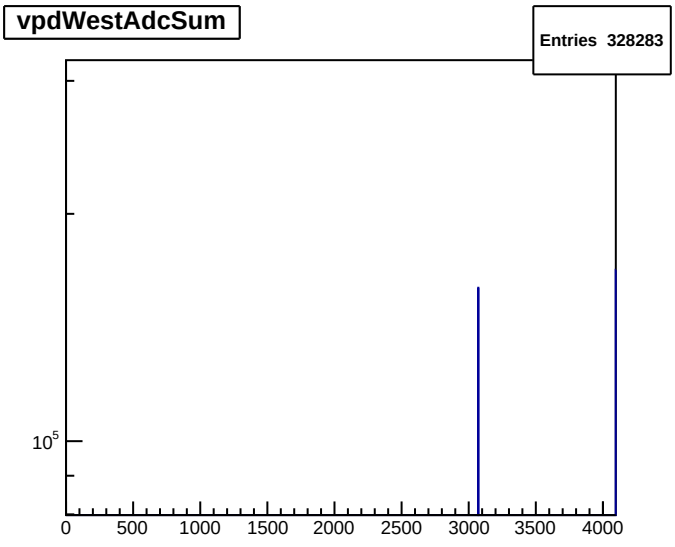

vpdEastAdcSumVsSimu
Entries 328283
Data
Simu

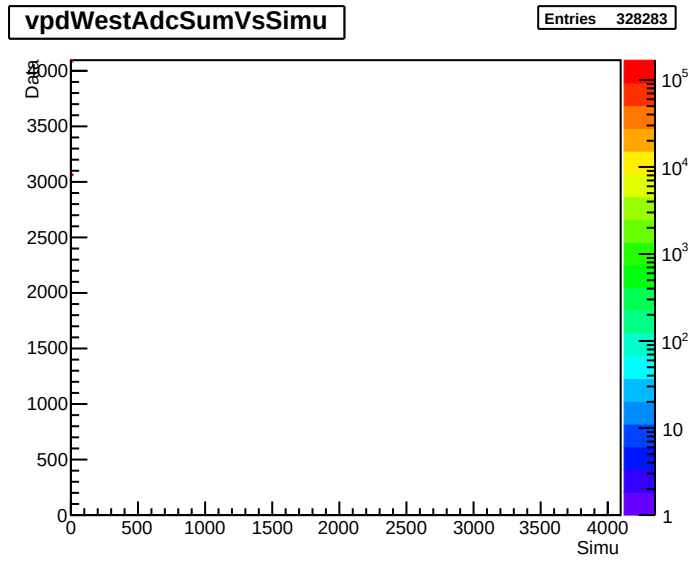

vpdEastNHits
Entries 328283

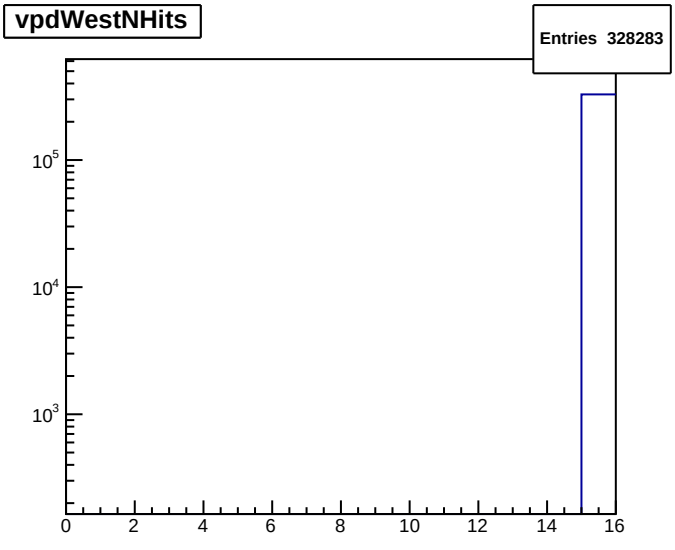

vpdEastNHitsVsSimu
Entries 328283

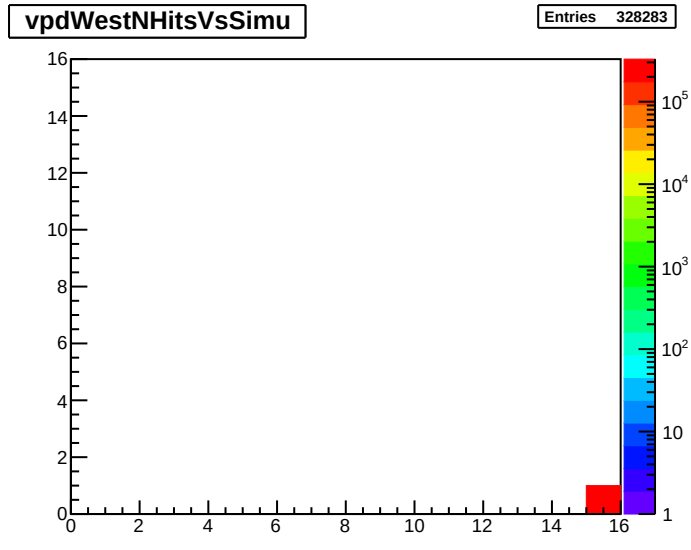

vpdEastTacSum
Entries 328283

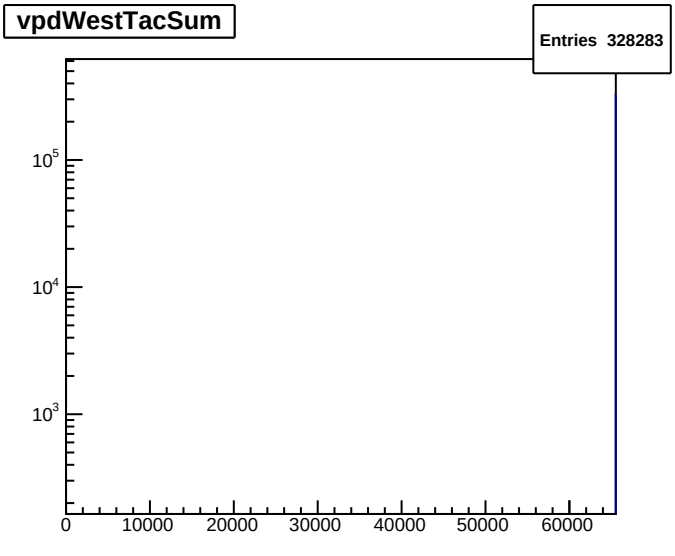

vpdEastTacSumVsSimu
Entries 328283
Data
Simu

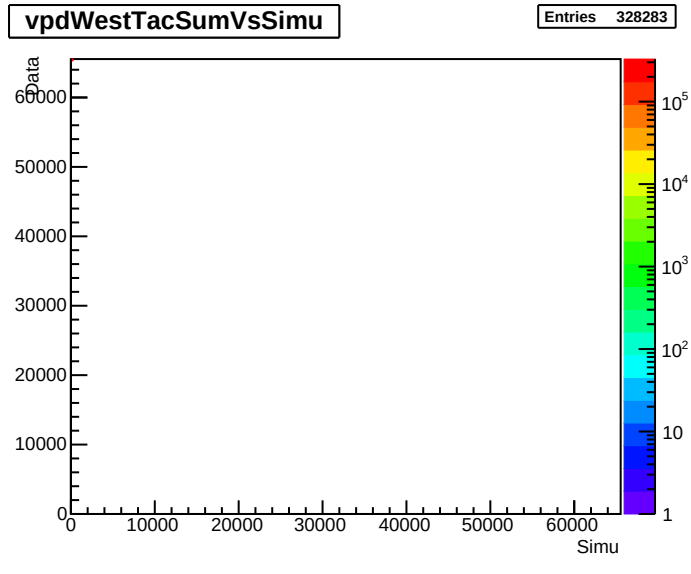

vpdWestAdcSum
Entries 328283
10^5
0 500 1000 1500 2000 2500 3000 3500 4000

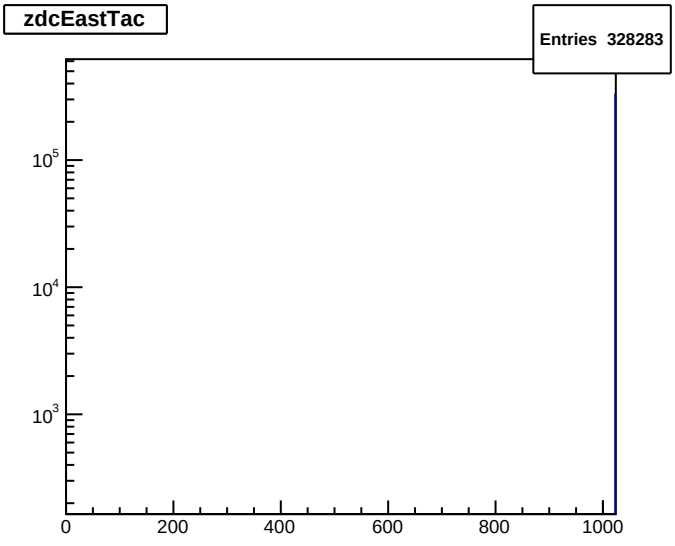

vpdWestAdcSumVsSimu
Entries 328283
Data
Simu
0 500 1000 1500 2000 2500 3000 3500 4000
10^5 10^4 10^3 10^2 10 1

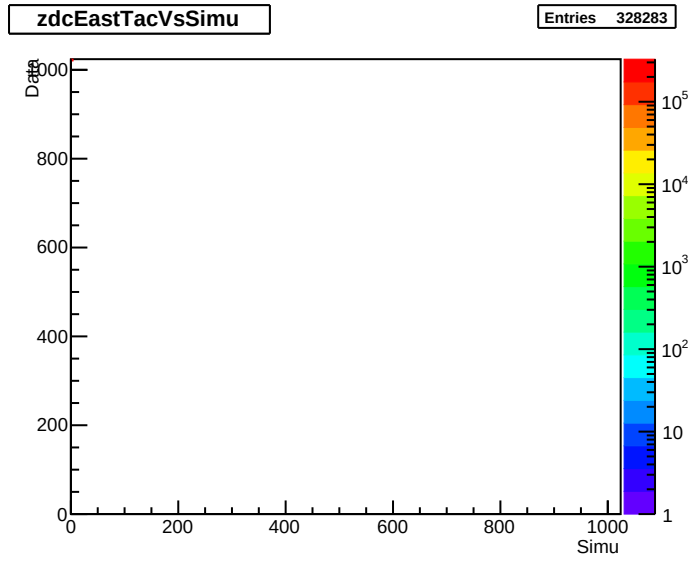

vpdWestNHits
Entries 328283
10^5 10^4 10^3
0 2 4 6 8 10 12 14 16

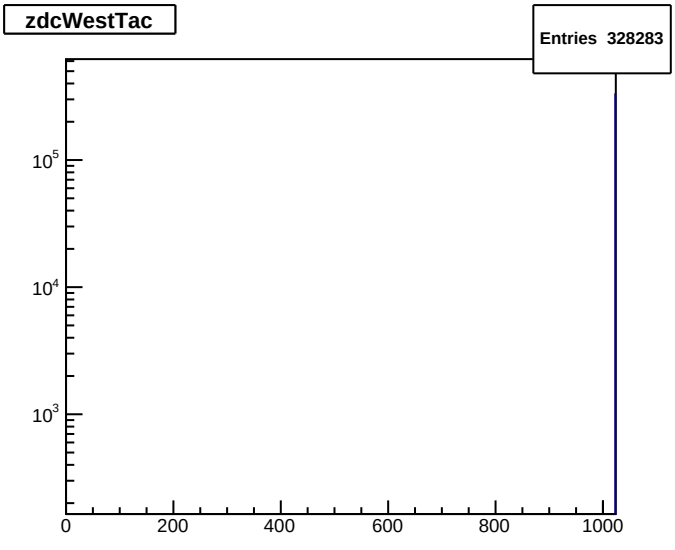

vpdWestNHitsVsSimu
Entries 328283
0 2 4 6 8 10 12 14 16
10^5 10^4 10^3 10^2 10 1

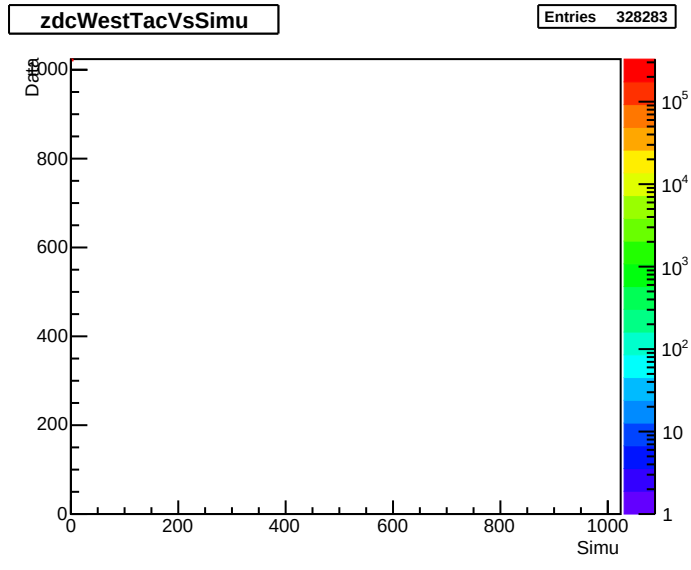

vpdWestTacSum
Entries 328283
10^5 10^4 10^3
0 10000 20000 30000 40000 50000 60000

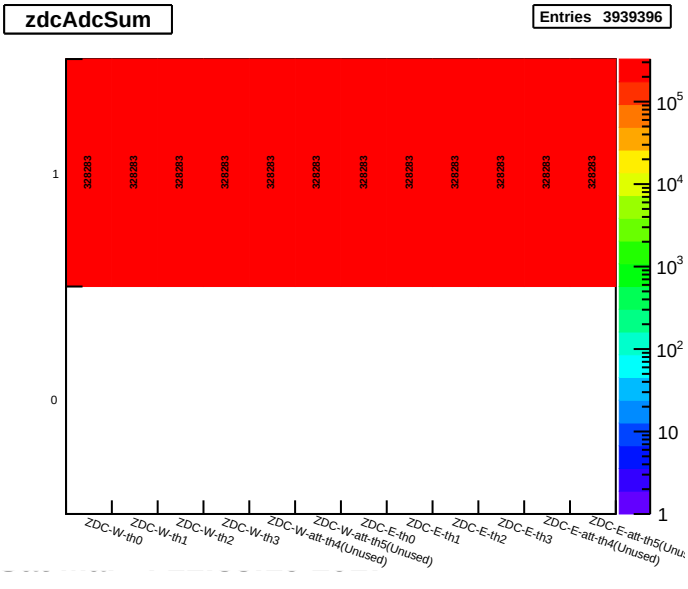

vpdWestTacSumVsSimu
Entries 328283
Data
Simu
0 10000 20000 30000 40000 50000 60000
10^5 10^4 10^3 10^2 10 1

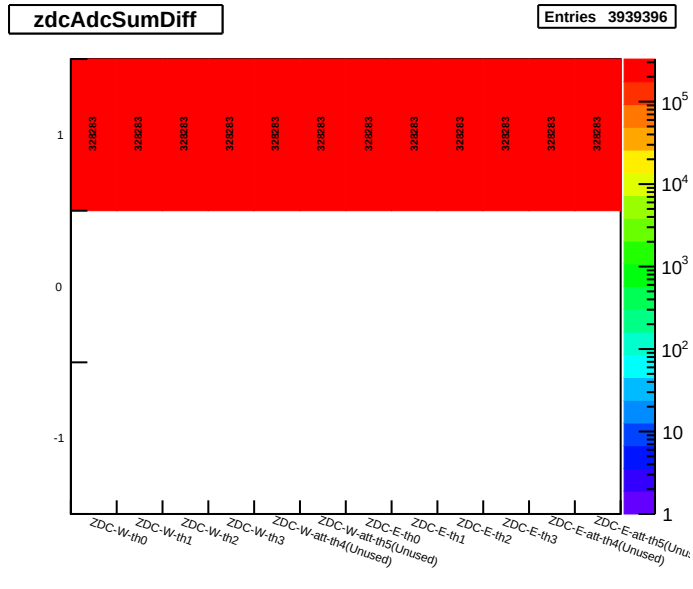

zdcEastTac
Entries 328283
10^5
10^4
10^3
0
200
400
600
800
1000

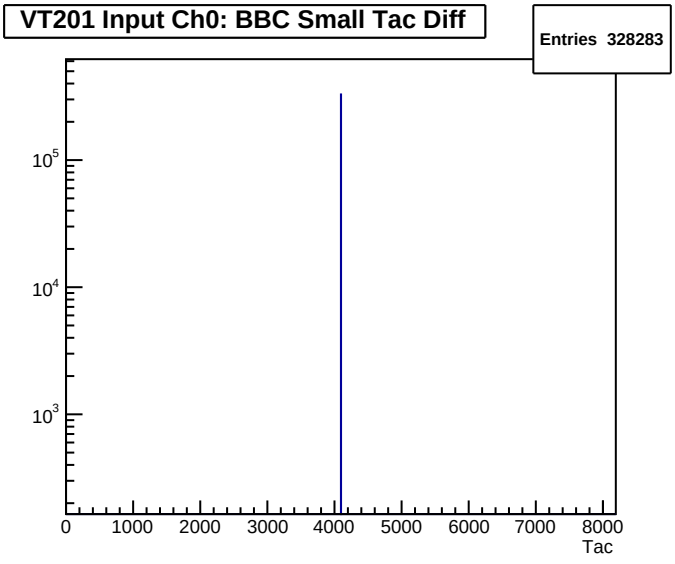

zdcEastTacVsSimu
Entries 328283
Data
Simu
0
200
400
600
800
1000
1
10
10^2
10^3
10^4
10^5

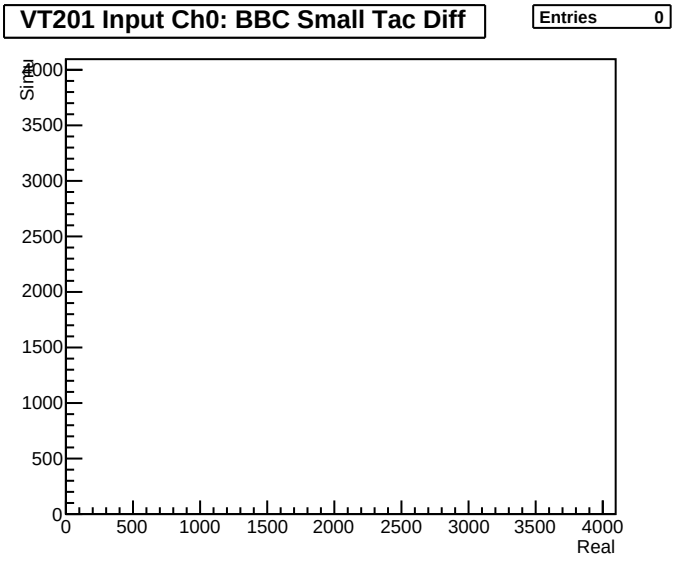

zdcWestTac
Entries 328283
10^5
10^4
10^3
0
200
400
600
800
1000

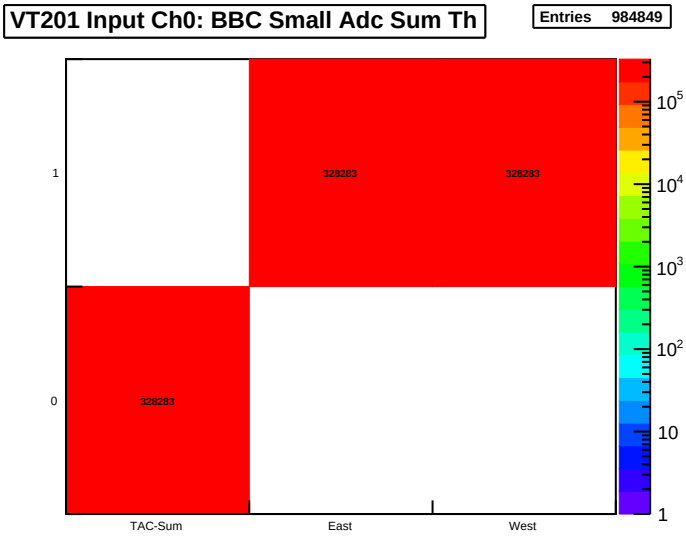

zdcWestTacVsSimu
Entries 328283
Data
Simu
0
200
400
600
800
1000
1
10
10^2
10^3
10^4
10^5

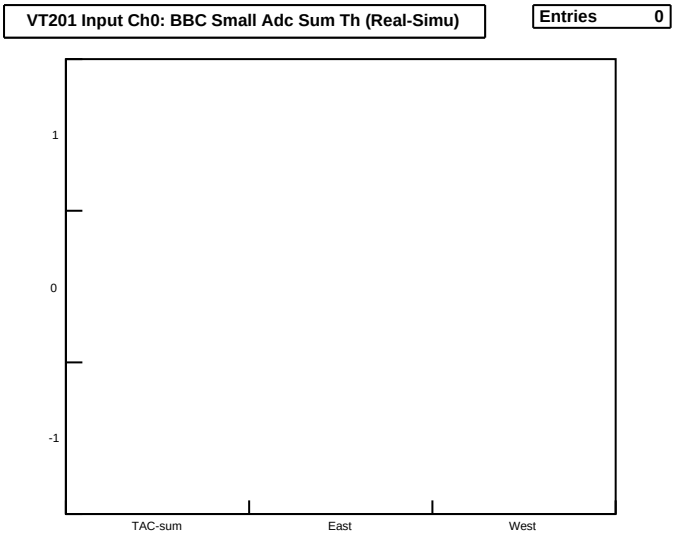

zdcAdcSum
Entries 3939396
1
0
328283
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
1
10
10^2
10^3
10^4
10^5

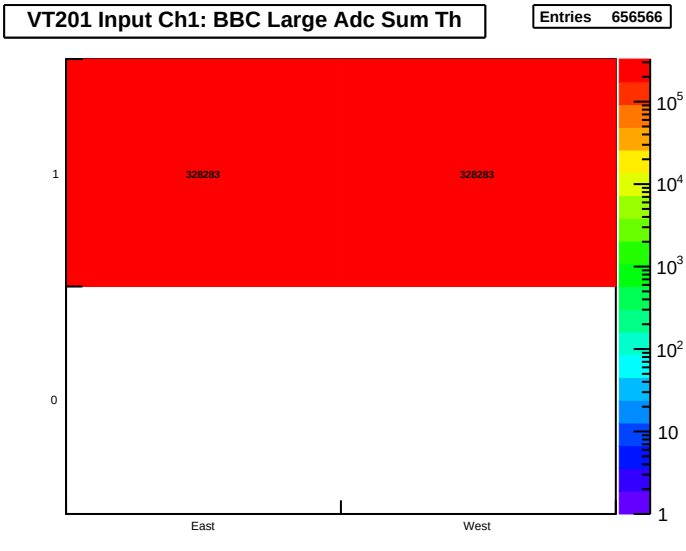

zdcAdcSumDiff
Entries 3939396
1
0
-1
328283
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
1
10
10^2
10^3
10^4
10^5

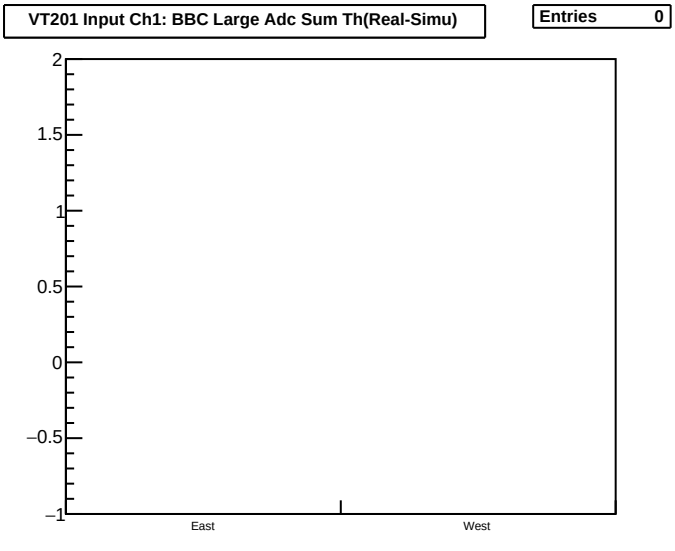

VT201 Input Ch0: BBC Small Tac Diff
Entries 328283
Tac


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

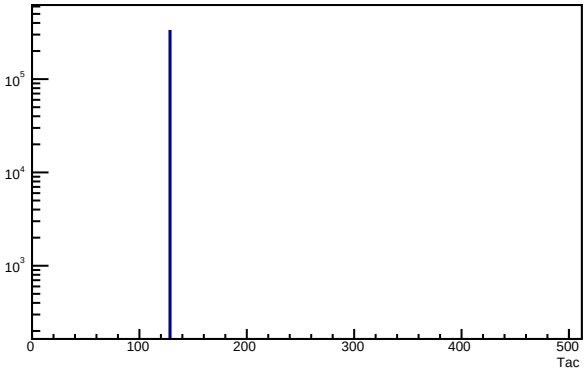

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 984849
328283
TAC-Sum
East
West


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

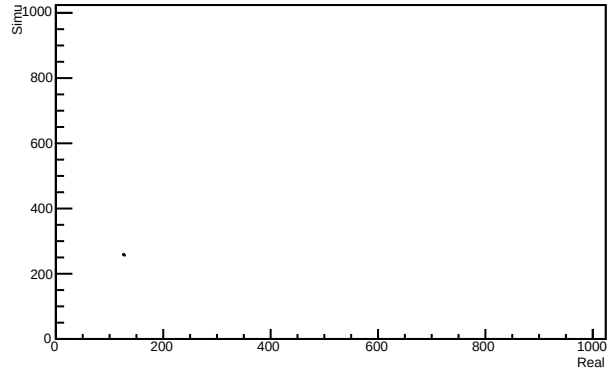

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 656566
328283
East
West


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

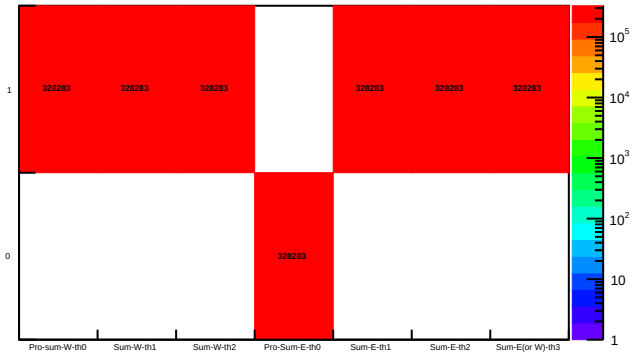
VT201 Input Ch2: ZDC Tac Diff



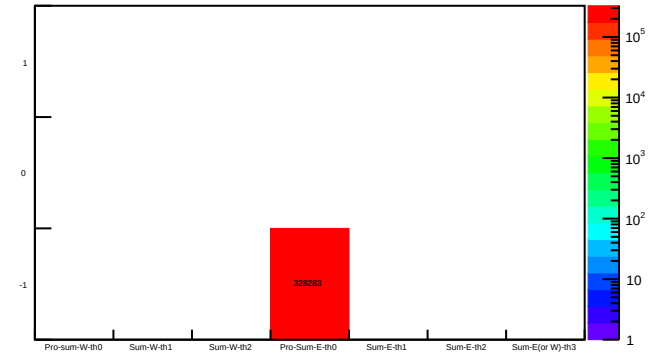
VT201 Input Ch2: ZDC Tac Diff



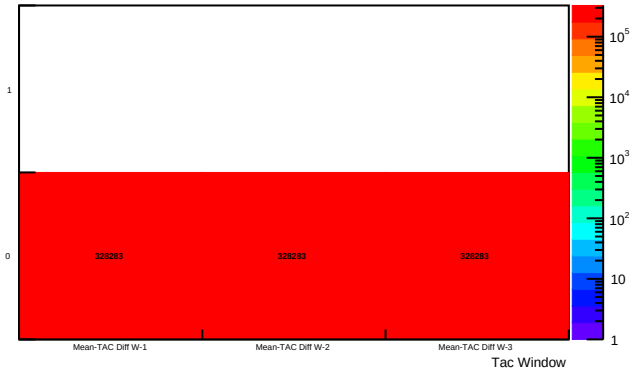
VT201 Input Ch2: ZDC Adc Sum Th



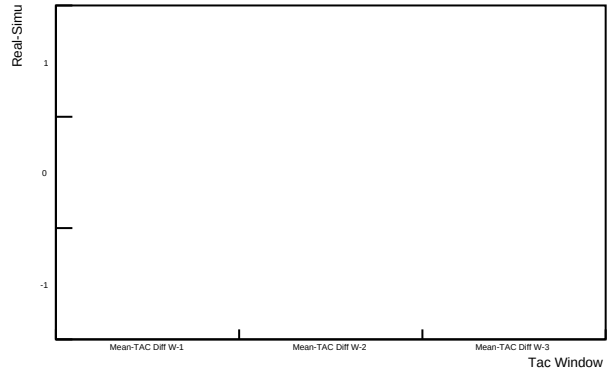
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



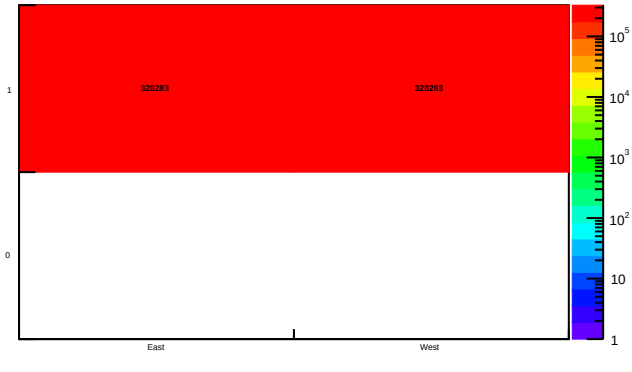
VT201 Input Ch4: VPD Tac Diff



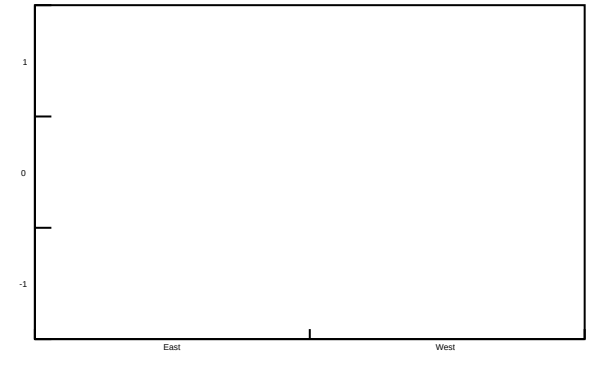
VT201 Input Ch4: VPD Tac Diff

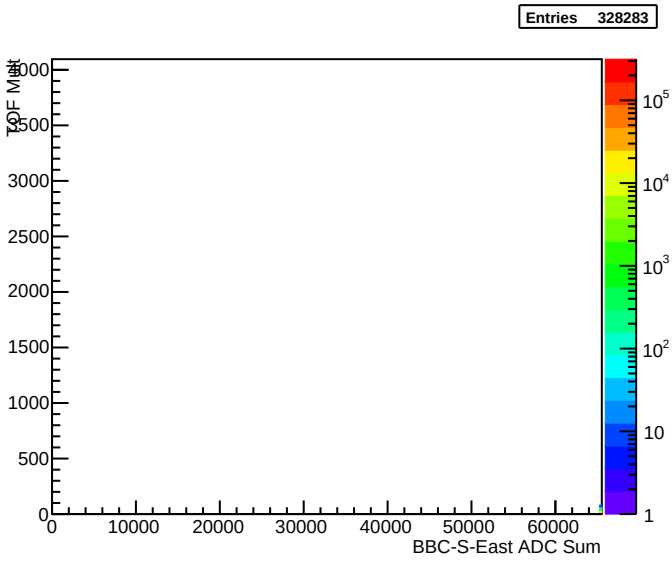


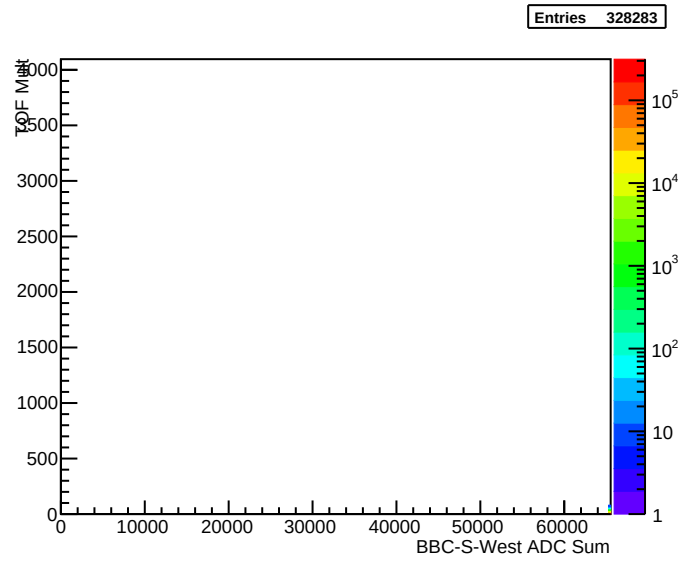
VT201 Input Ch4: VPD Adc Sum Th

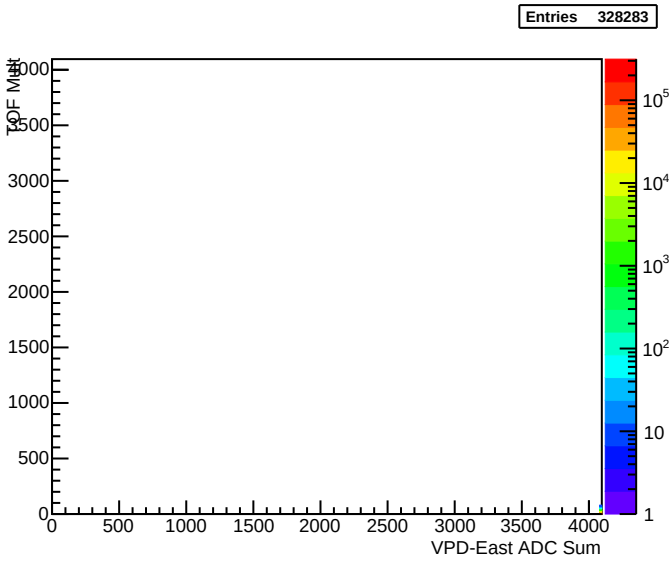


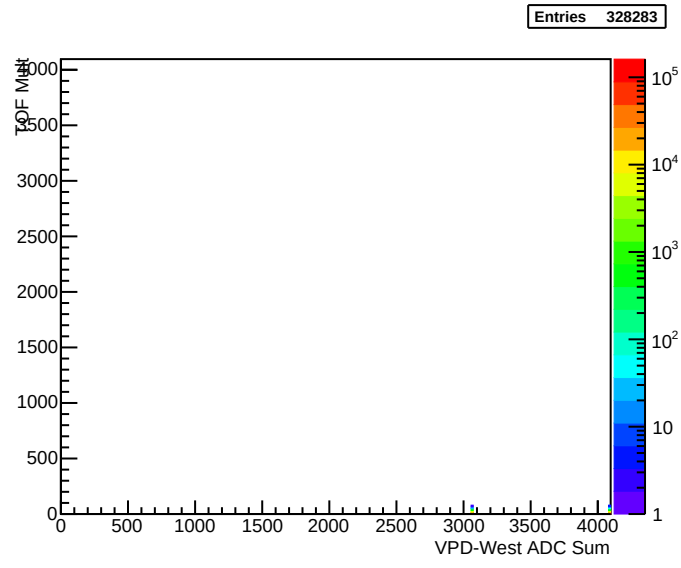
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

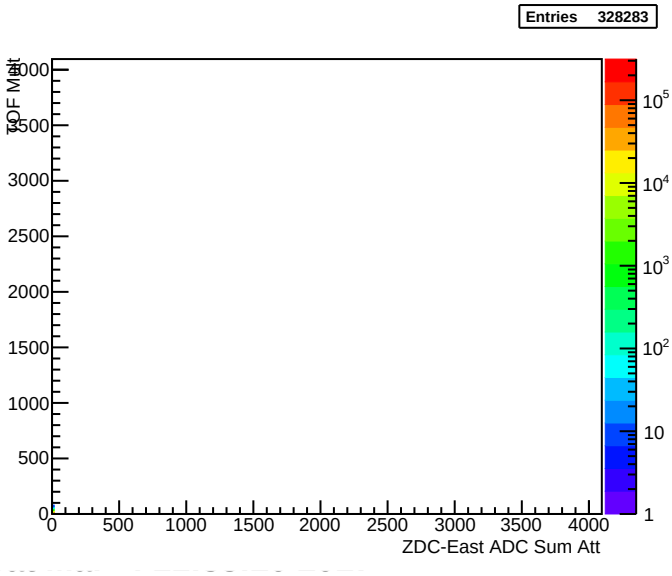


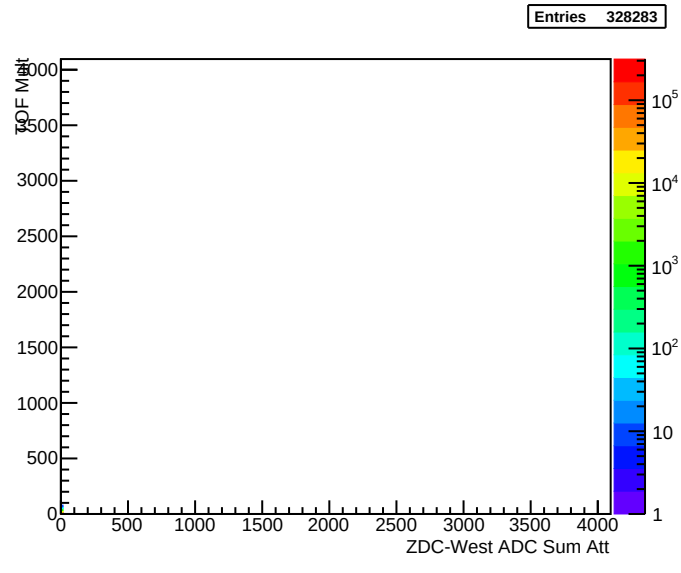

Entries 328283
TOF Mult
BBC-S-East ADC Sum

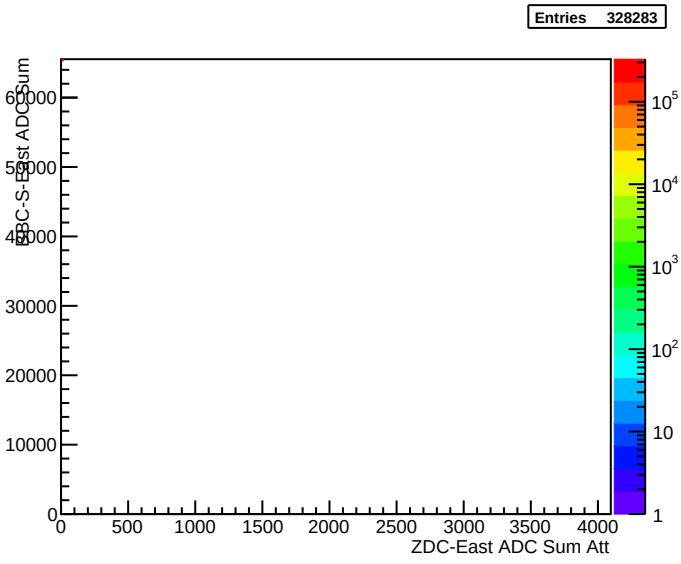

Entries 328283
TOF Mult
BBC-S-West ADC Sum

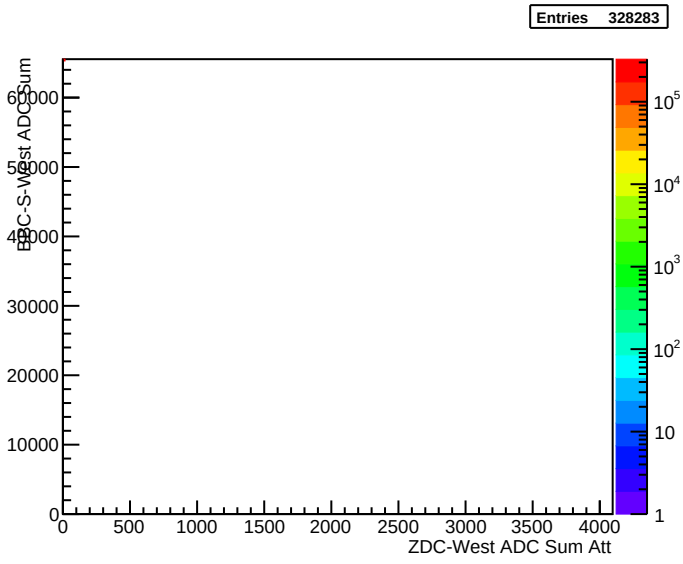

Entries 328283
TOF Mult
VPD-East ADC Sum

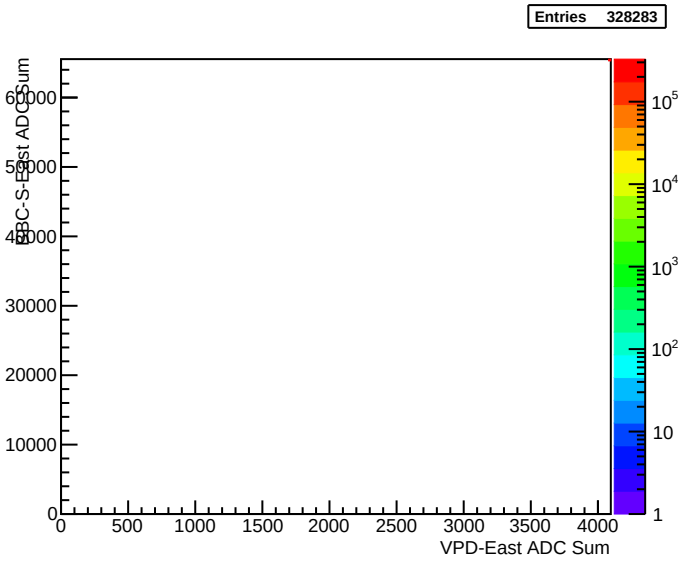

Entries 328283
TOF Mult
VPD-West ADC Sum

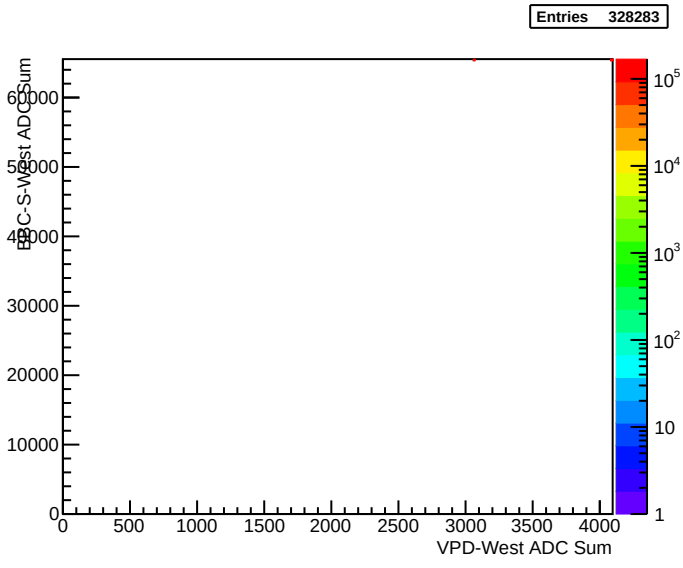

Entries 328283
TOF Mult
ZDC-East ADC Sum Att

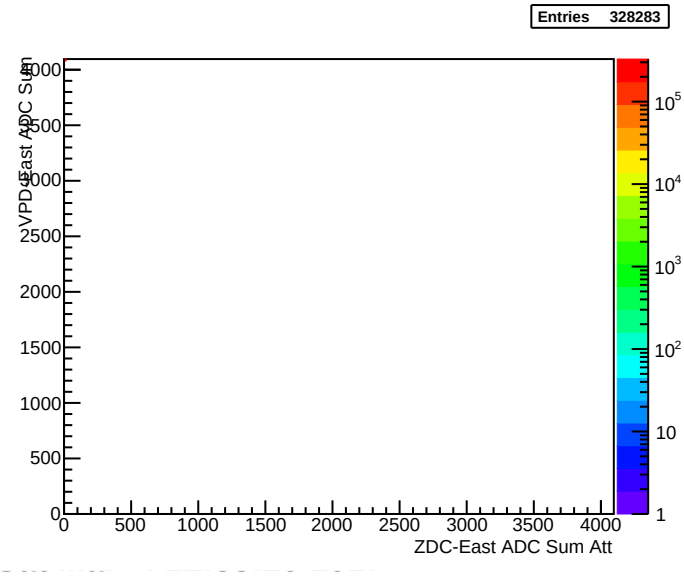

Entries 328283
TOF Mult
ZDC-West ADC Sum Att

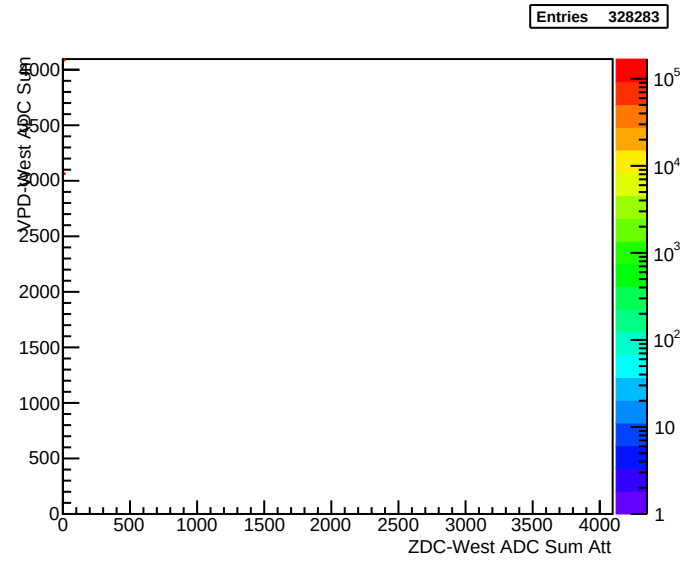

Entries 328283
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

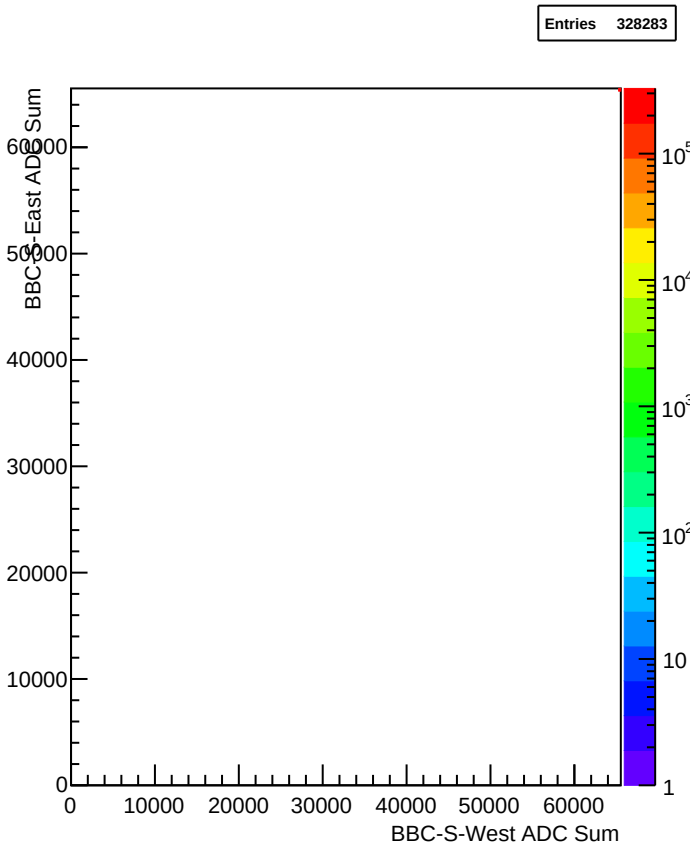

Entries 328283
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

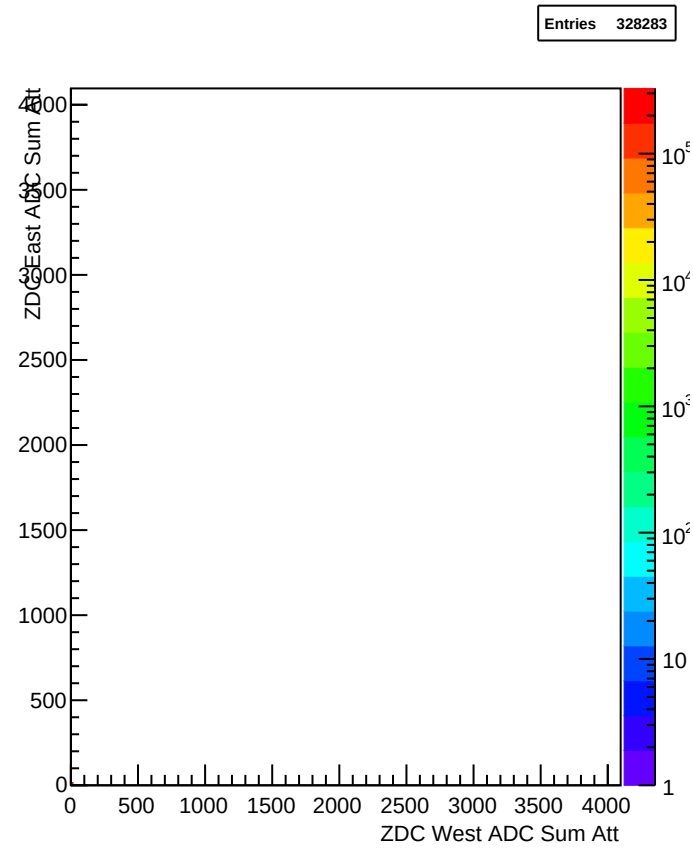

Entries 328283
BBC-S-East ADC Sum
VPD-East ADC Sum

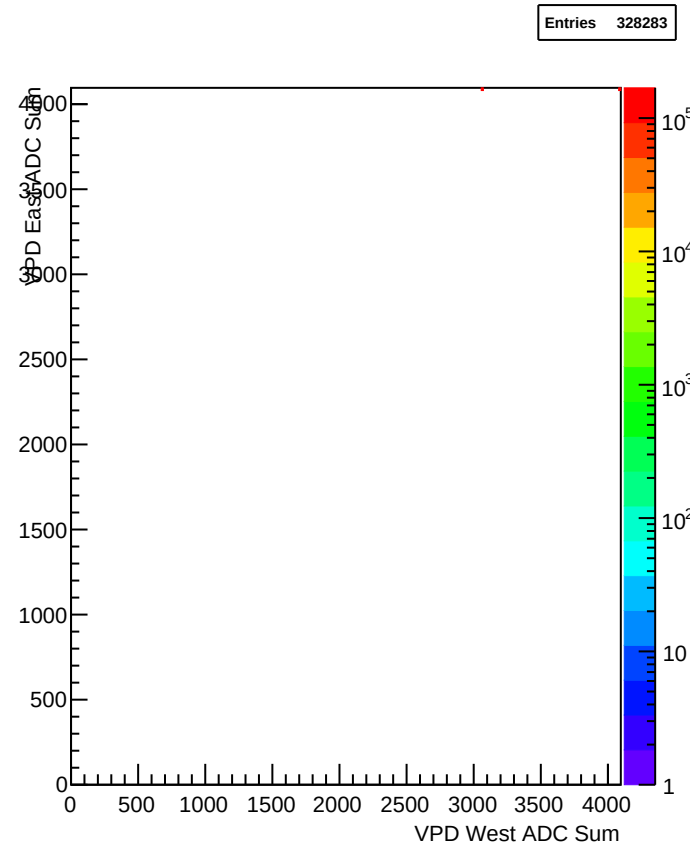

Entries 328283
BBC-S-West ADC Sum
VPD-West ADC Sum

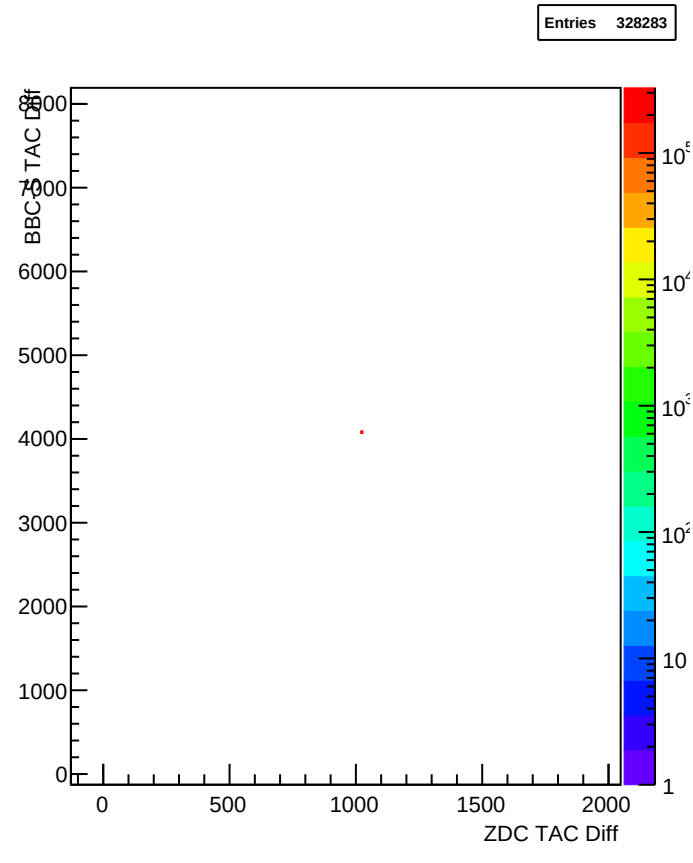

Entries 328283
VPD-East ADC Sum
ZDC-East ADC Sum Att

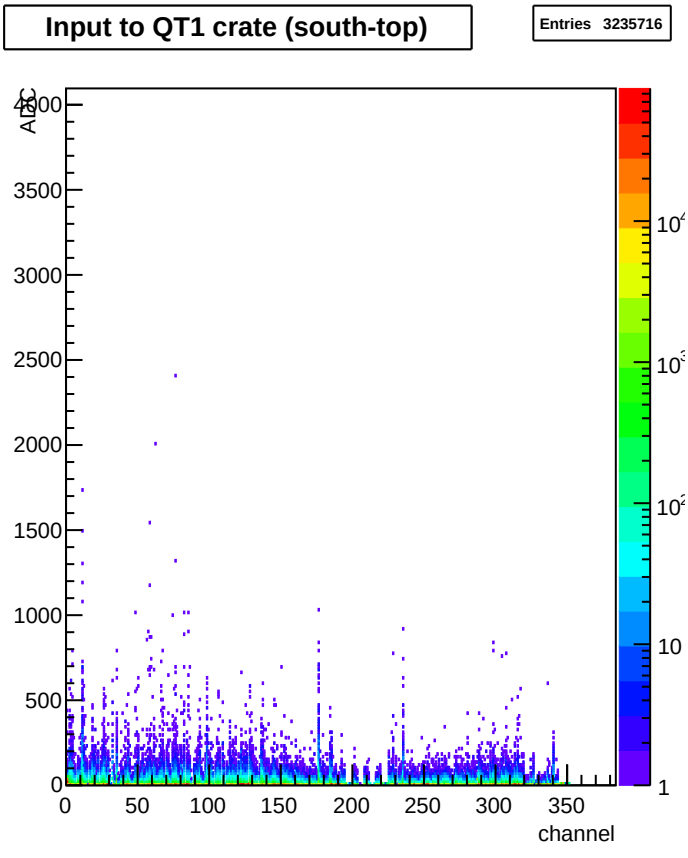

Entries 328283
VPD-West ADC Sum
ZDC-West ADC Sum Att

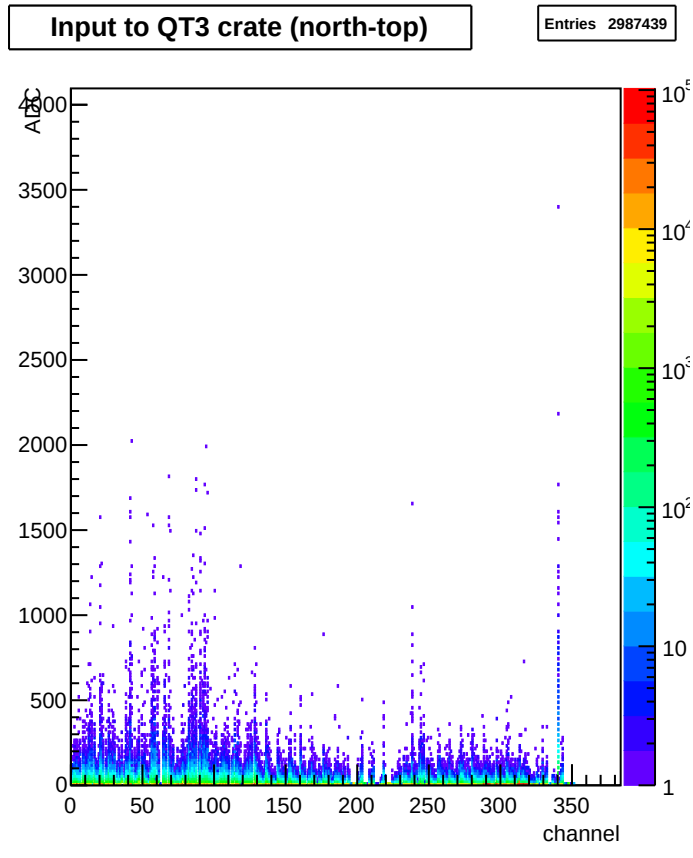

Entries 328283
BBC-S-East ADC Sum
BBC-S-West ADC Sum

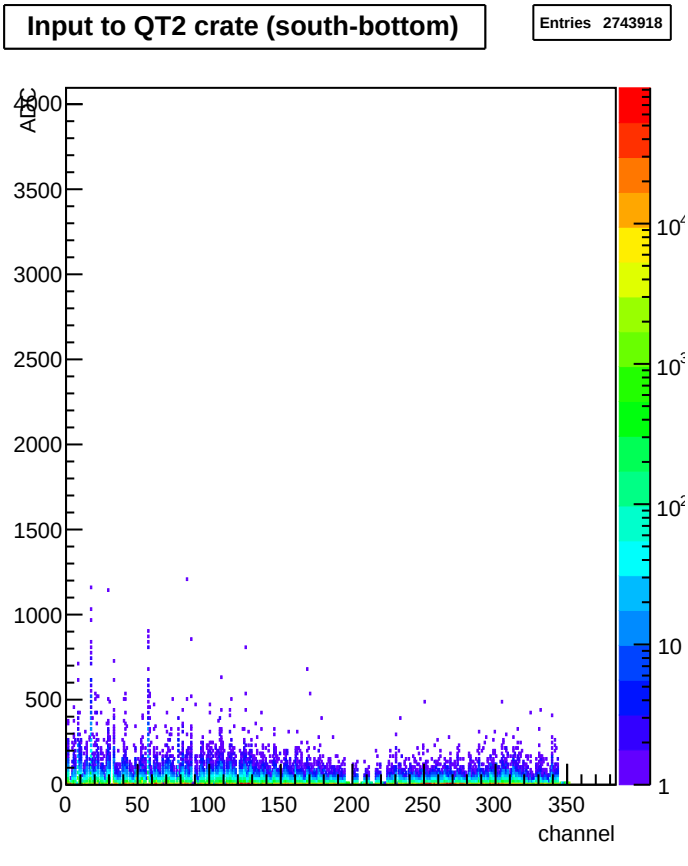

Entries 328283
ZDC East ADC Sum Att
ZDC West ADC Sum Att

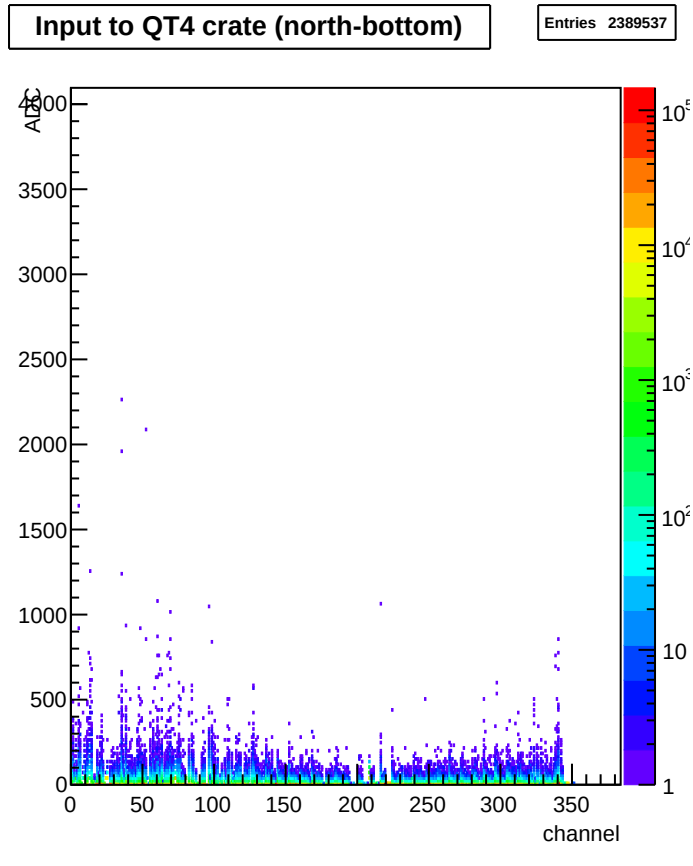

Entries 328283
VPD East ADC Sum
VPD West ADC Sum

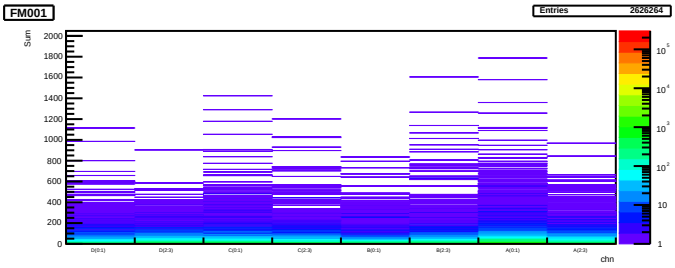

Entries 328283
BBC-S TAC Diff
ZDC TAC Diff

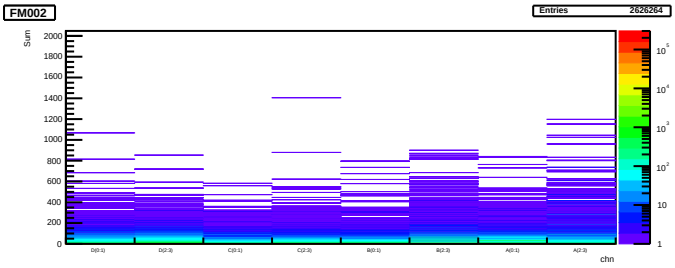

Input to QT1 crate (south-top)
Entries 3235716
ADC
channel

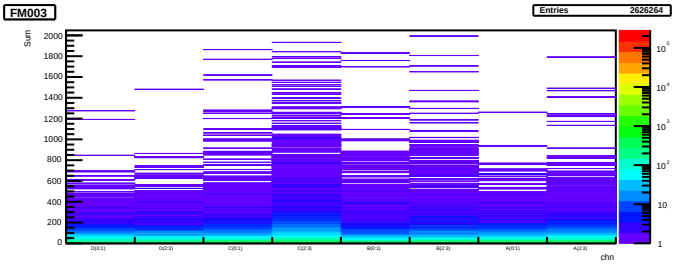

Input to QT3 crate (north-top)
Entries 2987439
ADC
channel

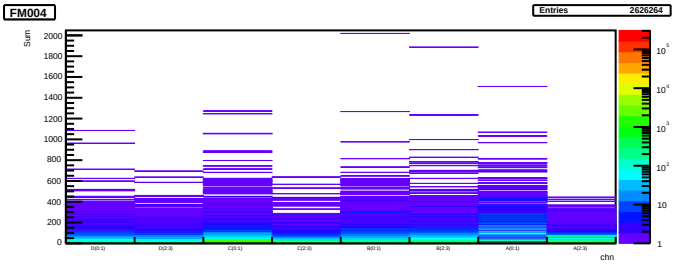

Input to QT2 crate (south-bottom)
Entries 2743918
ADC
channel

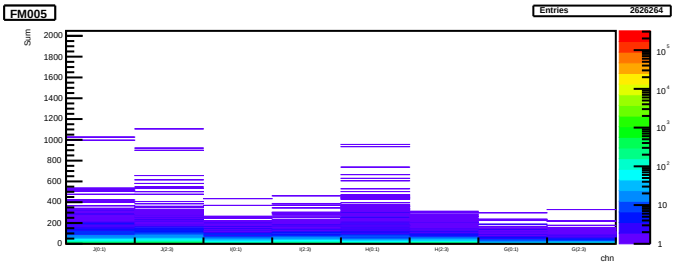

Input to QT4 crate (north-bottom)
Entries 2389537
ADC
channel

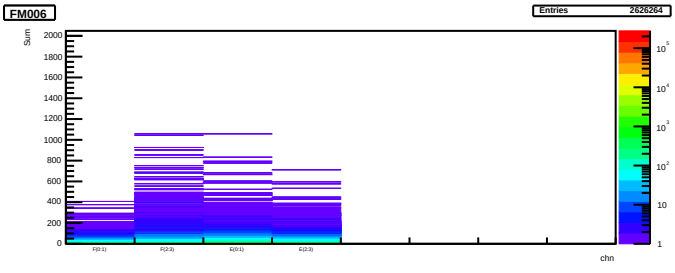

FM001
Entries 2626264
Sum
chn

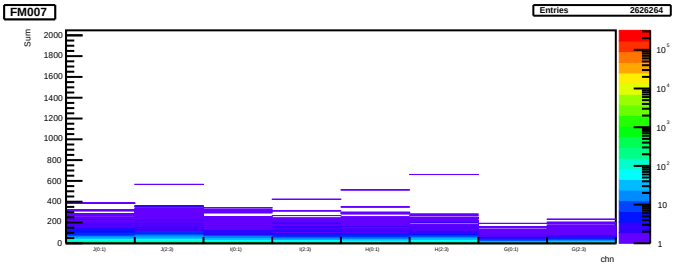

FM002
Entries 2626264
Sum
chn

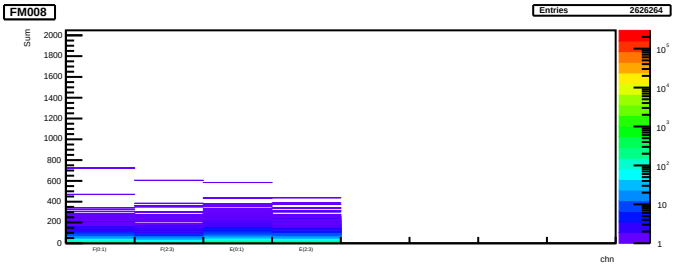

FM003
Entries 2626264
Sum
chn

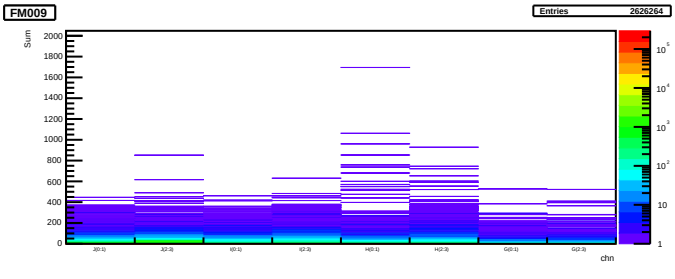

FM004
Entries 2626264
Sum
chn

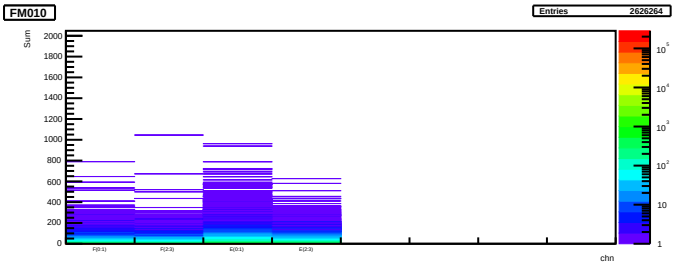

FM005
Entries 2626264
Sum
chn

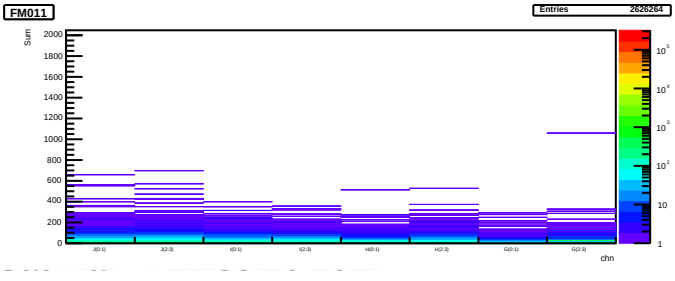

FM006
Entries 2626264
Sum
chn


FM007
Entries 2626264
Sum
chn


FM008
Entries 2626264
Sum
chn


FM009
Entries 2626264
Sum
chn


FM010
Entries 2626264
Sum
chn


FM011
Entries 2626264
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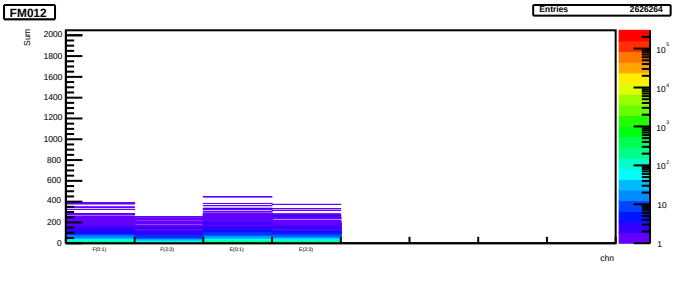
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Entries 2626264
Sum
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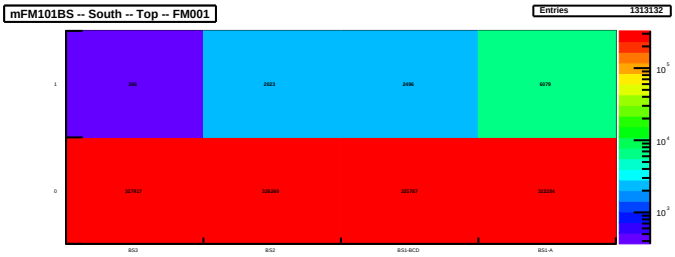
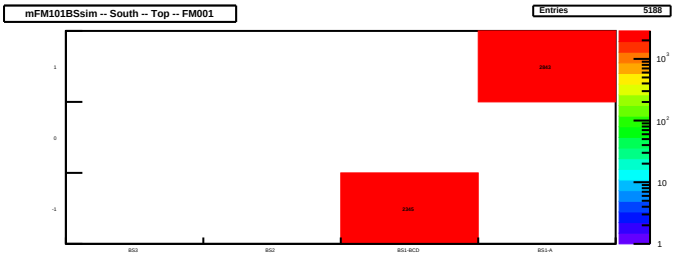
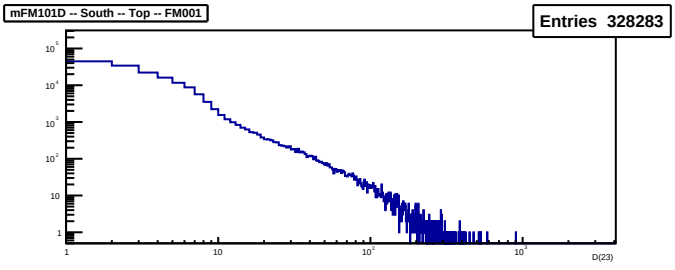
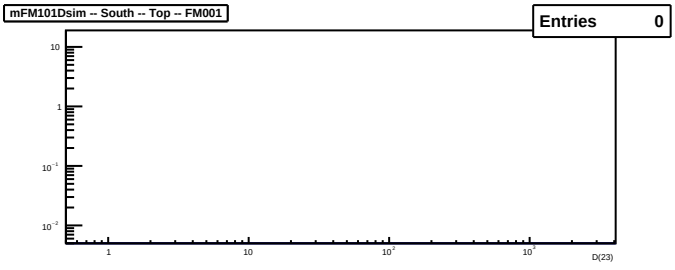

mFM101BS -- South -- Top -- FM001
Entries 1313132


mFM101BSsim -- South -- Top -- FM001
Entries 5188


mFM101D -- South -- Top -- FM001
Entries 328283
D(23)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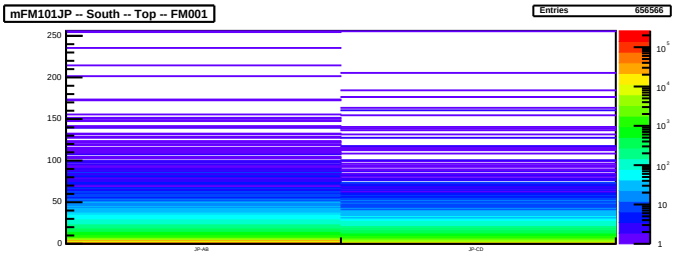
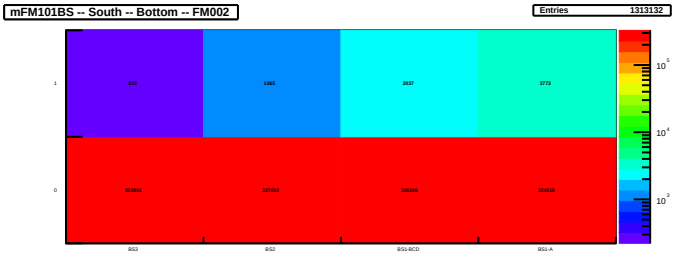
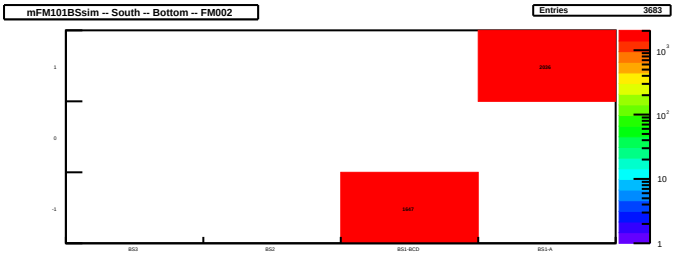
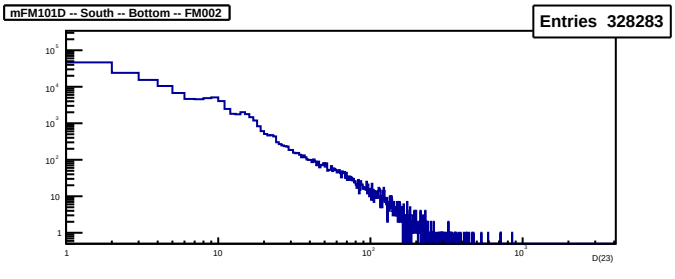
Entries 0
D(23)

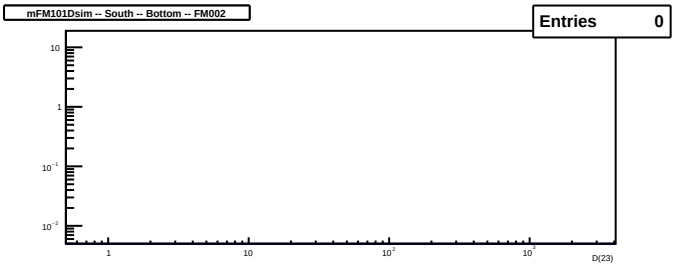

mFM101JP -- South -- Top -- FM001
Entries 656566

mFM101JPsim -- South -- Top -- FM001
Entries 0


mFM101BS -- South -- Bottom -- FM002
Entries 1313132


mFM101BSsim -- South -- Bottom -- FM002
Entries 3683


mFM101D -- South -- Bottom -- FM002
Entries 328283
D(23)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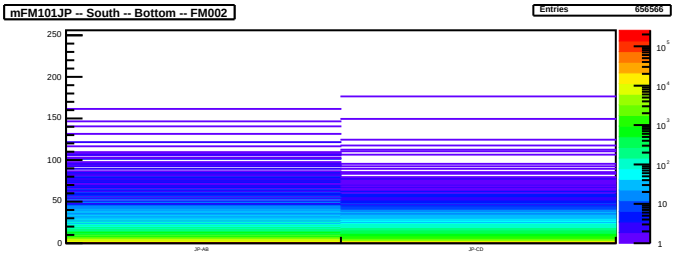
Entries 0
D(23)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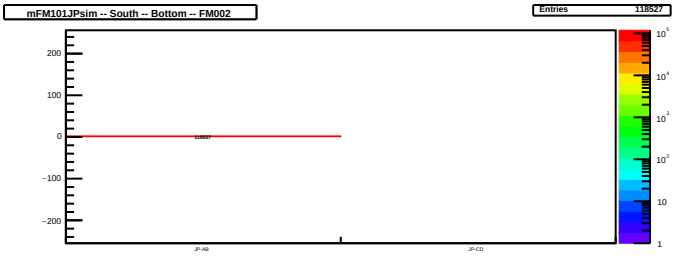
Entries 656566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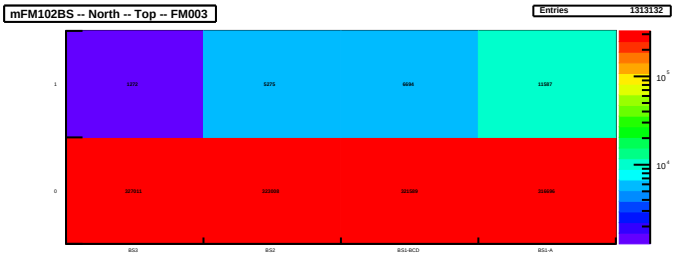
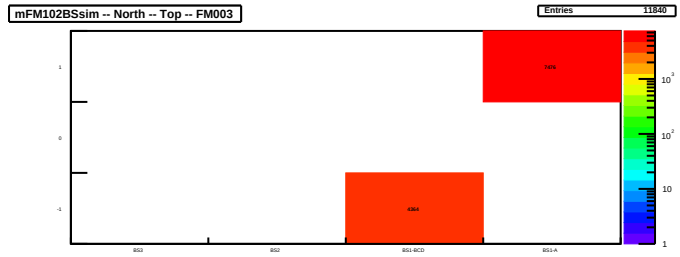
Entries 118527


mFM102BS -- North -- Top -- FM003
Entries 1313132
1270
5275
6694
11587
327911
323604
321589
316096
BS3
BS2
BS1-BCD
BS1-A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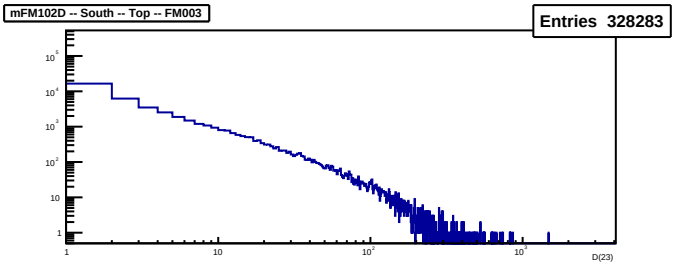
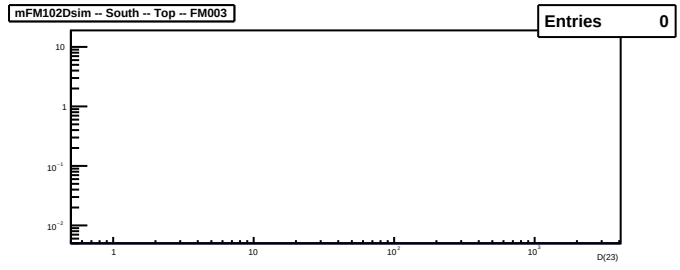
Entries 11840
7476
4364
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 328283
D(23)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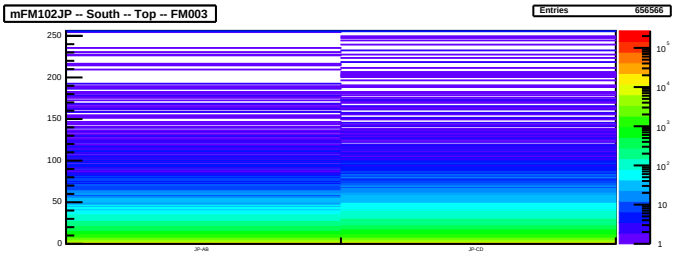
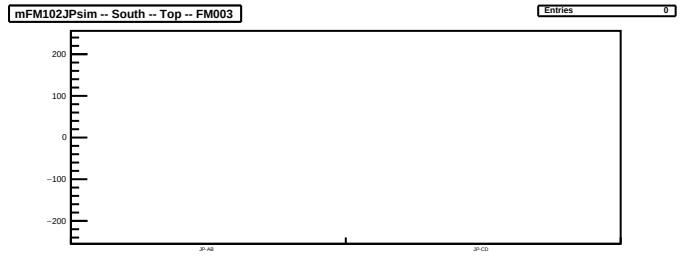
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 656566
JP-AB
JP-CD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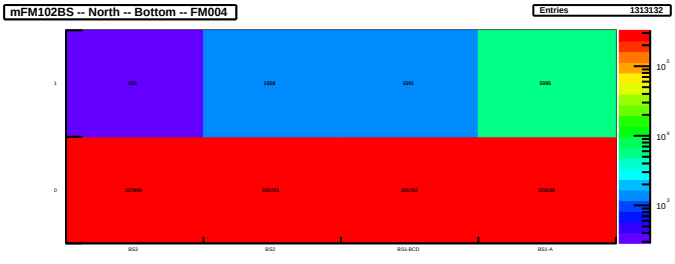
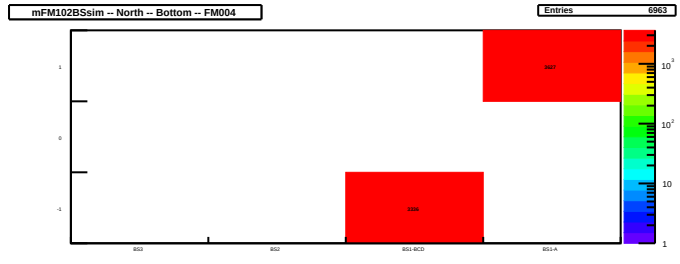
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 1313132
295
1559
1591
5695
327998
326725
326762
323198
BS3
BS2
BS1-BCD
BS1-A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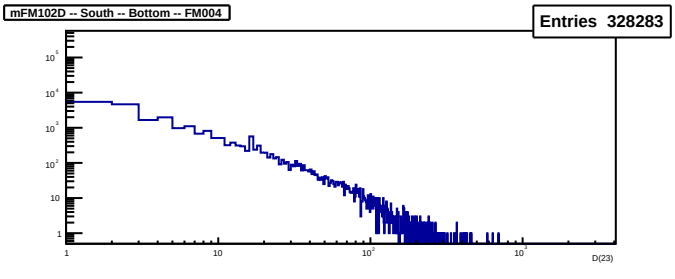
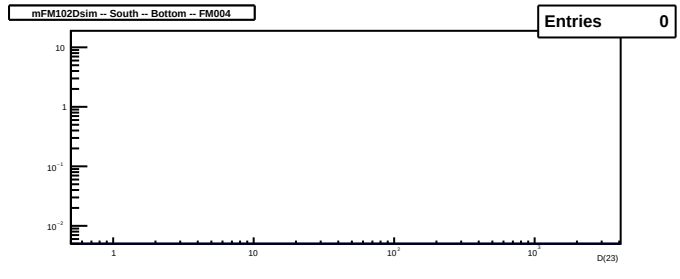
Entries 6963
3627
3336
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 328283
D(23)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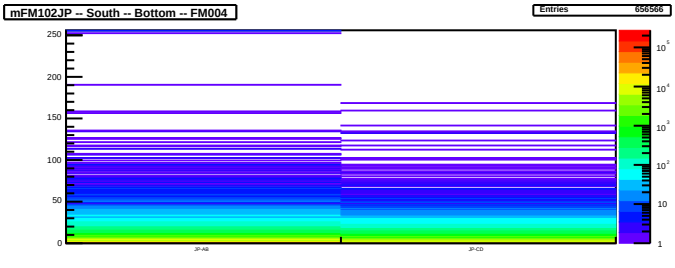
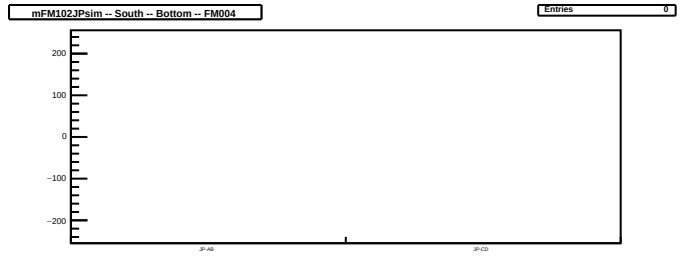
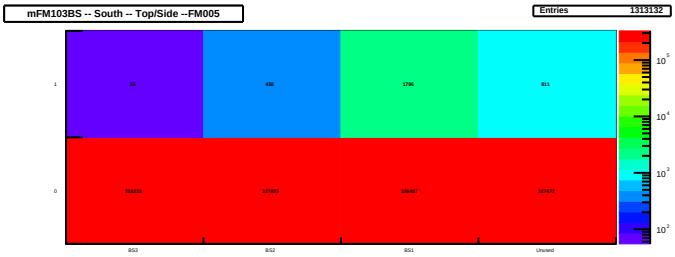
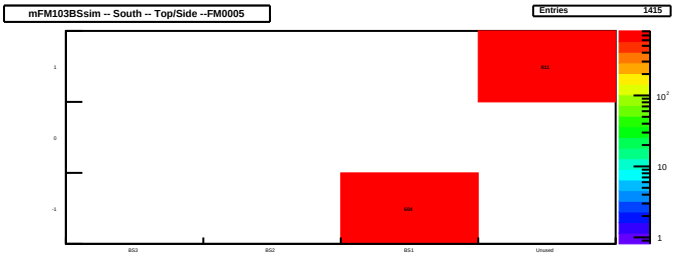
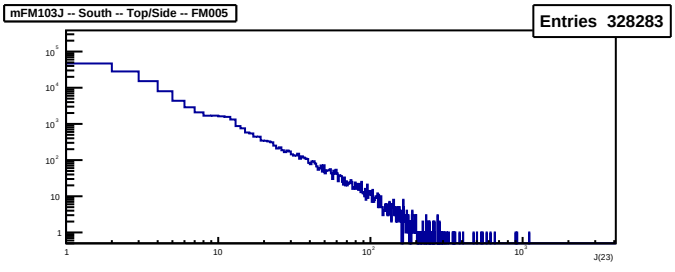
Entries 0
D(23)

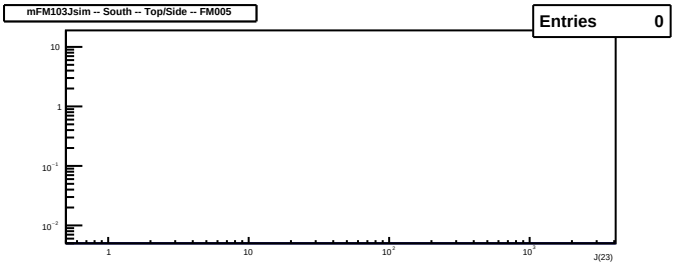

mFM102JP -- South -- Bottom -- FM004
Entries 656566
JP-AB
JP-CD

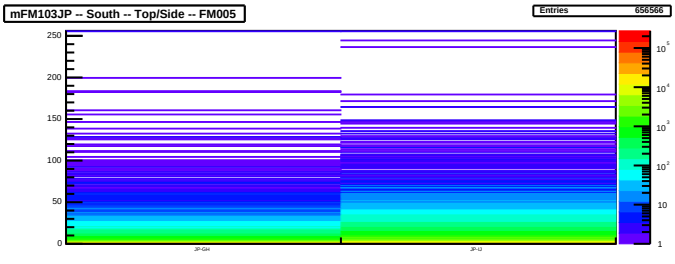

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

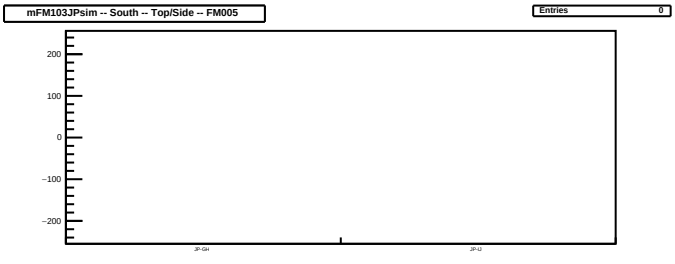

mFM103BS -- South -- Top/Side --FM005
Entries 1313132
BS3
BS2
BS1
Unused

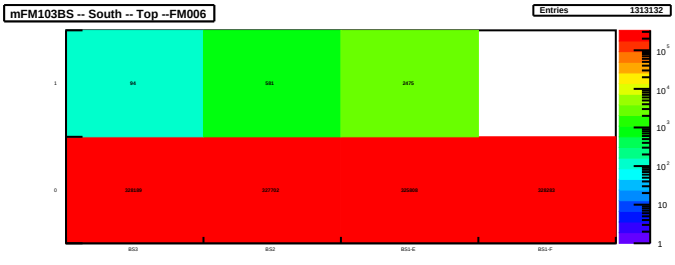

mFM103BSsim -- South -- Top/Side --FM0005
Entries 1415
BS3
BS2
BS1
Unused

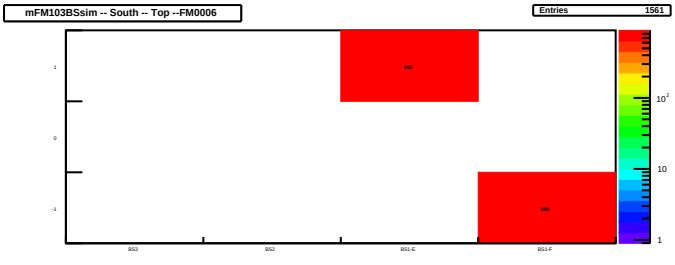

mFM103J -- South -- Top/Side -- FM005
Entries 328283
J(23)

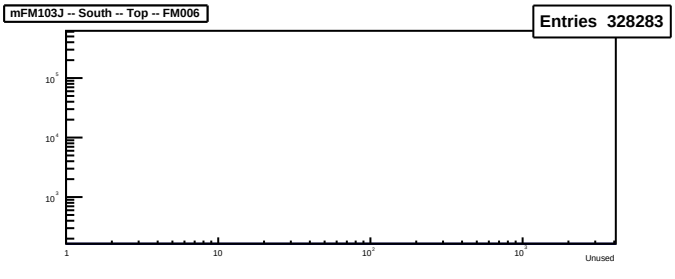

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

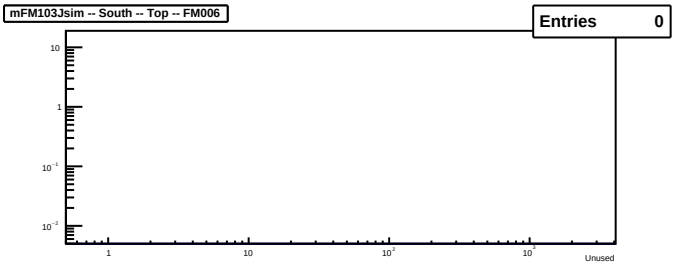

mFM103JP -- South -- Top/Side -- FM005
Entries 656566
JP-GH
JP-IJ

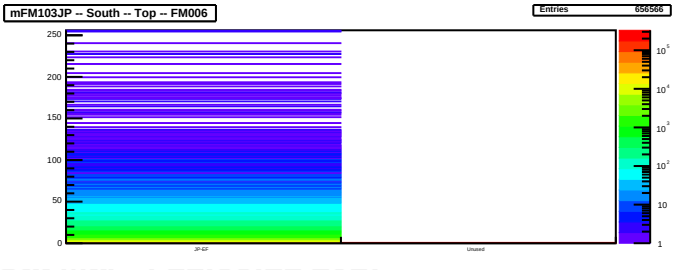

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

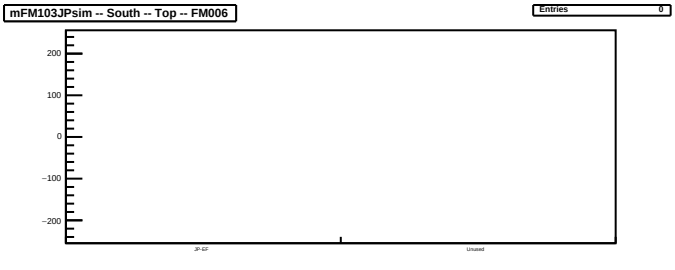

mFM103BS -- South -- Top --FM006
Entries 1313132
BS3
BS2
BS1-E
BS1-F

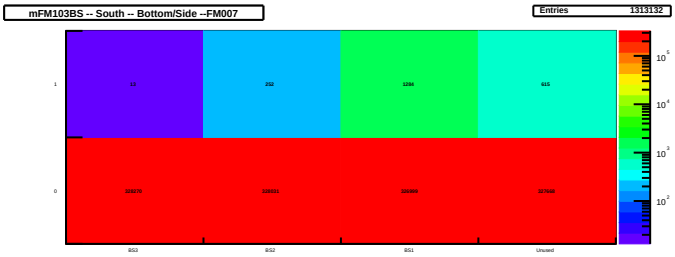

mFM103BSsim -- South -- Top --FM0006
Entries 1561
BS3
BS2
BS1-E
BS1-F

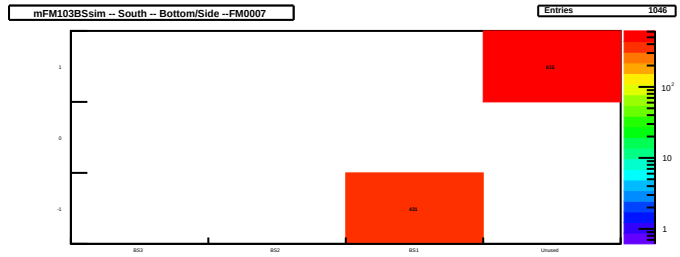

mFM103J -- South -- Top -- FM006
Entries 328283
Unused

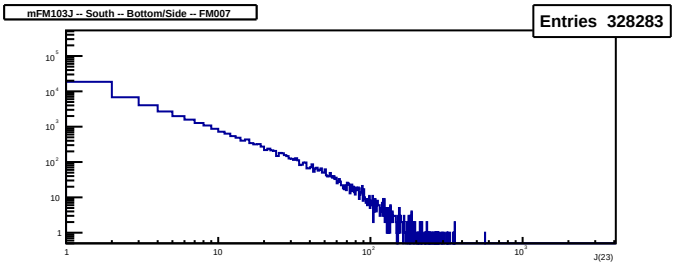

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

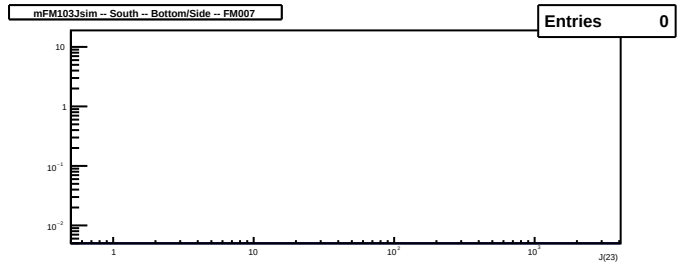

mFM103JP -- South -- Top -- FM006
Entries 656566
JP-EF
Unused


mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 1313132
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 1046
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 328283
J(23)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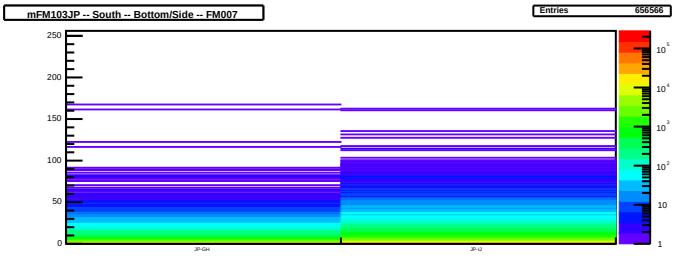
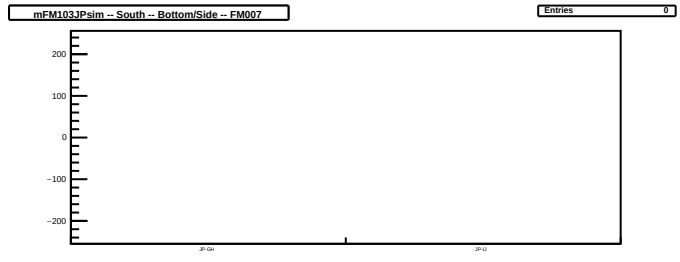
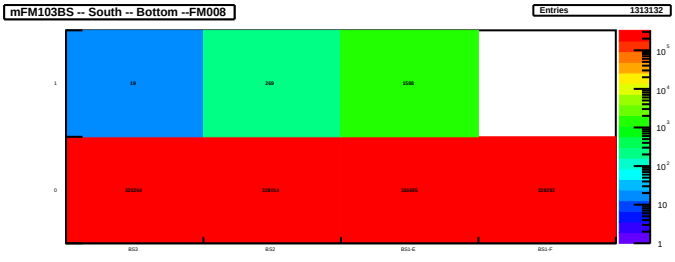
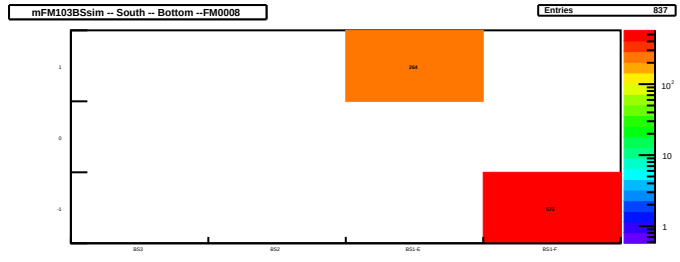
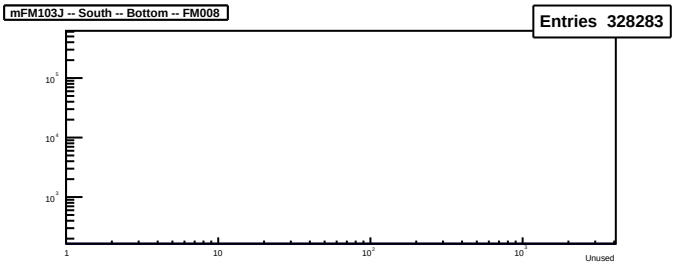
Entries 0
J(23)

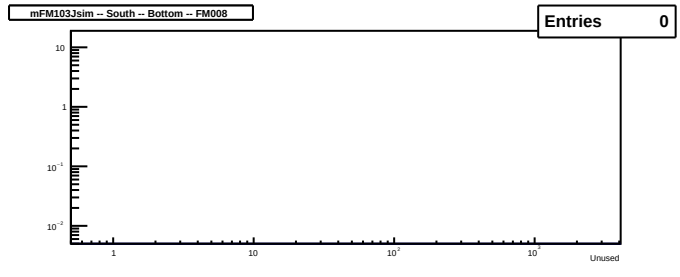

mFM103JP -- South -- Bottom/Side -- FM007
Entries 656566
JP-GH
JP-IJ


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 1313132
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 837
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 328283
Unused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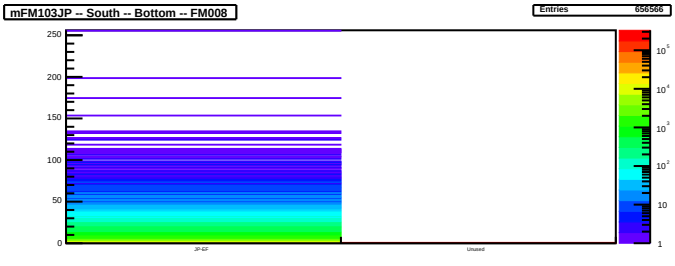
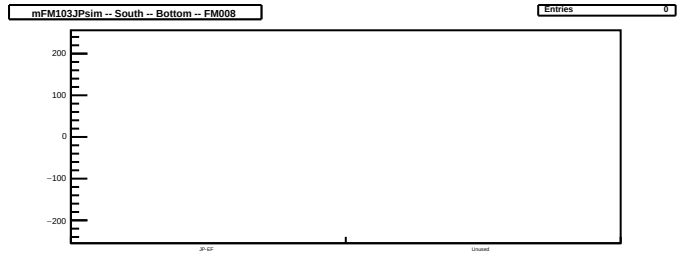
Entries 0
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 656566
JP-EF
Unused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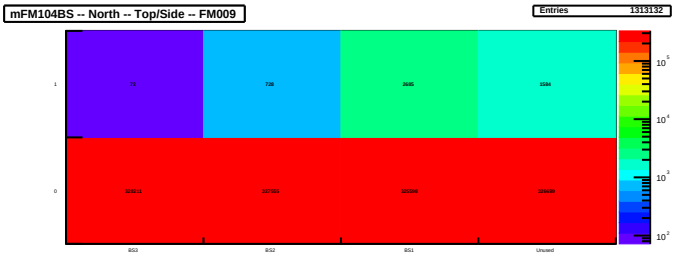
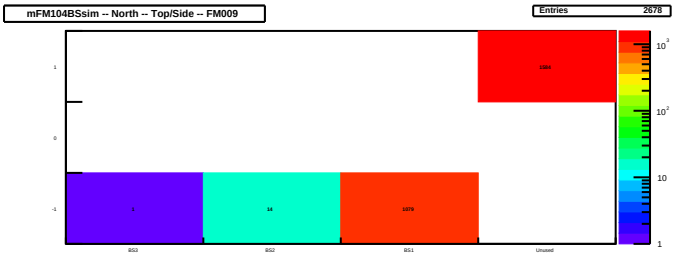
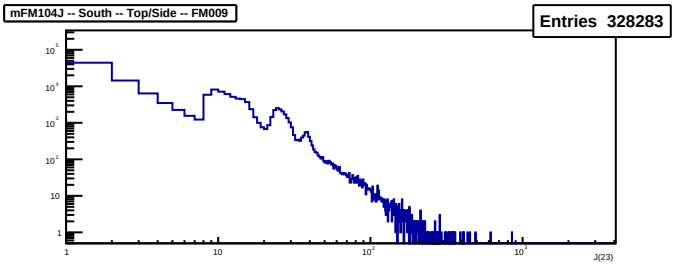
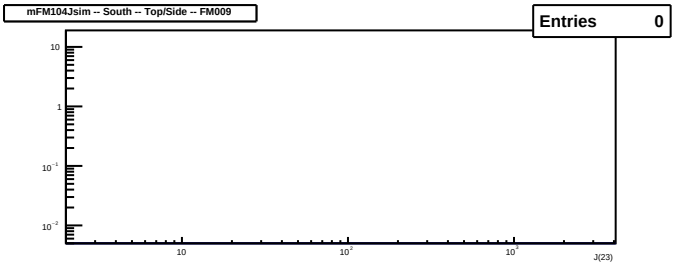
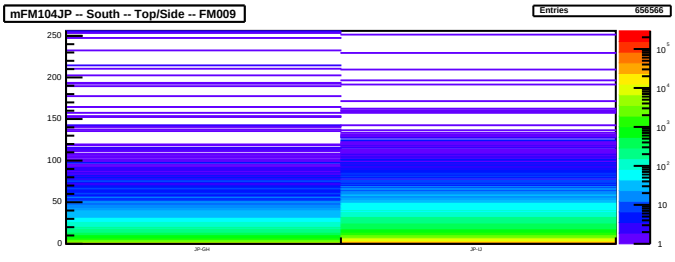
Entries 0
JP-EF
Unused

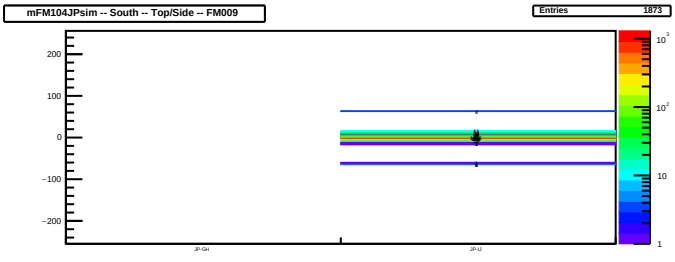

mFM104BS -- North -- Top/Side -- FM009
Entries 1313132

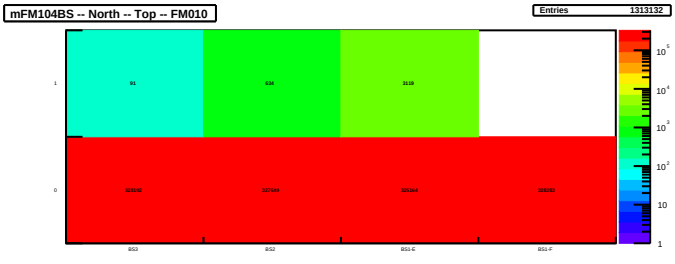

mFM104BSsim -- North -- Top/Side -- FM009
Entries 2678

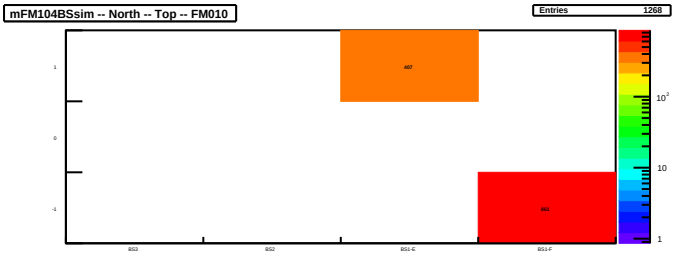

mFM104J -- South -- Top/Side -- FM009
Entries 328283
J(23)

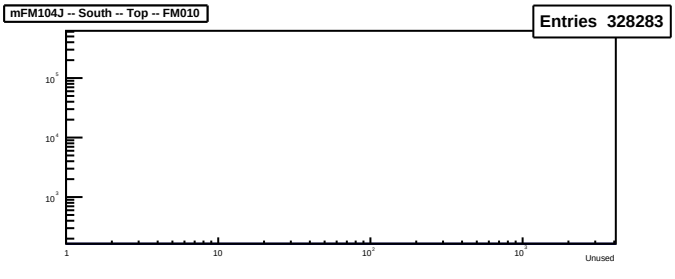

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

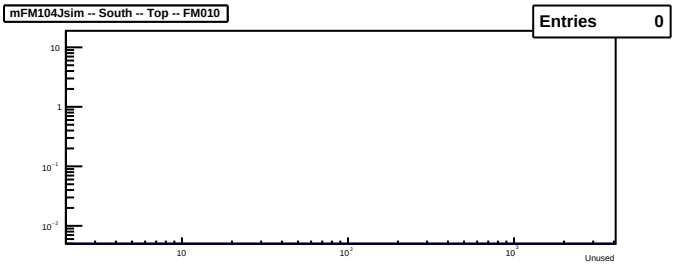

mFM104JP -- South -- Top/Side -- FM009
Entries 656566

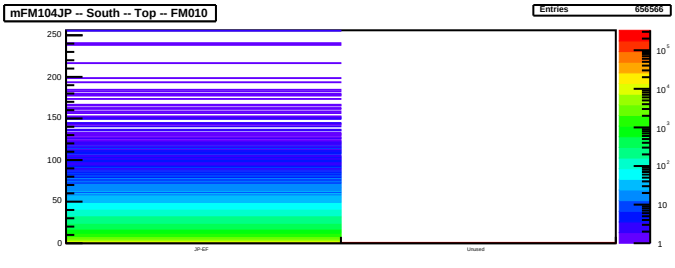

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1873

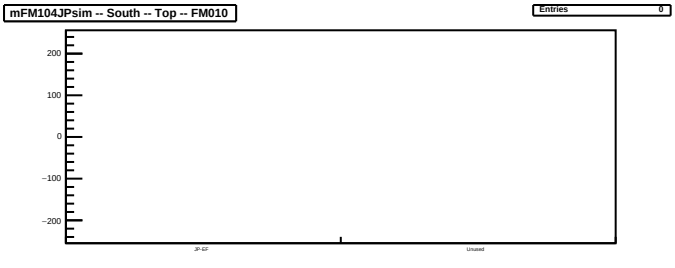

mFM104BS -- North -- Top -- FM010
Entries 1313132

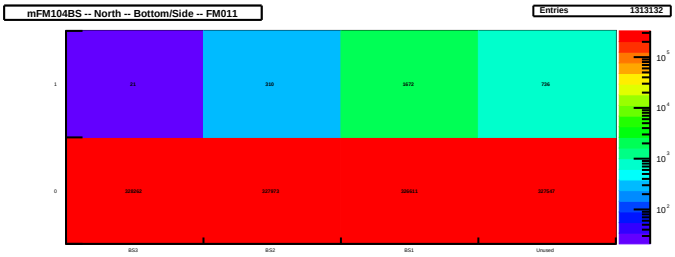

mFM104BSsim -- North -- Top -- FM010
Entries 1268

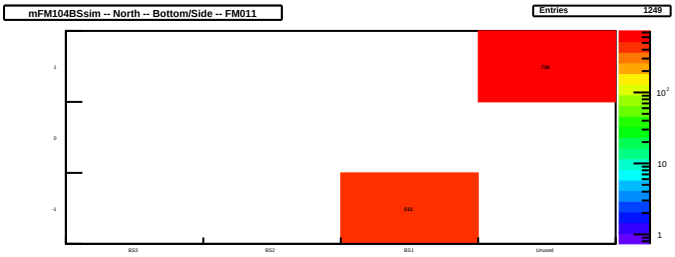

mFM104J -- South -- Top -- FM010
Entries 328283
Unused

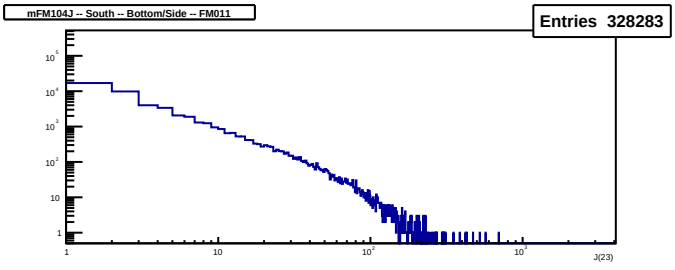

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

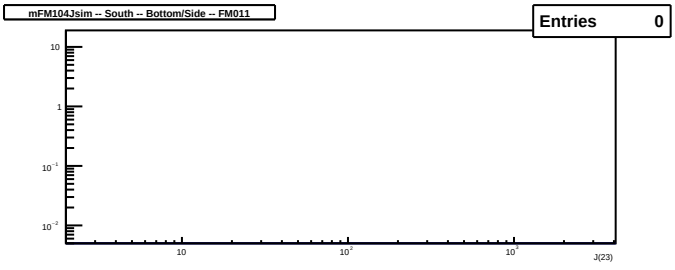

mFM104JP -- South -- Top -- FM010
Entries 656566

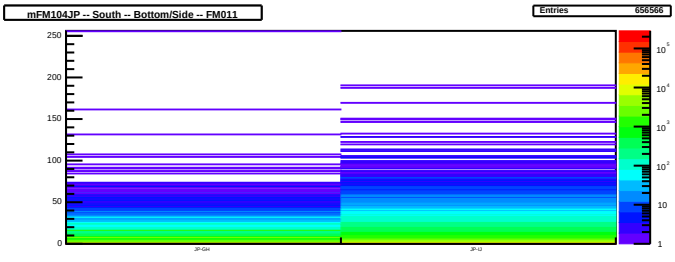

mFM104JPsim -- South -- Top -- FM010
Entries 0

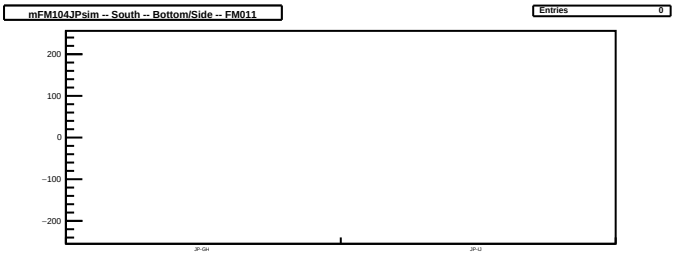

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1313132

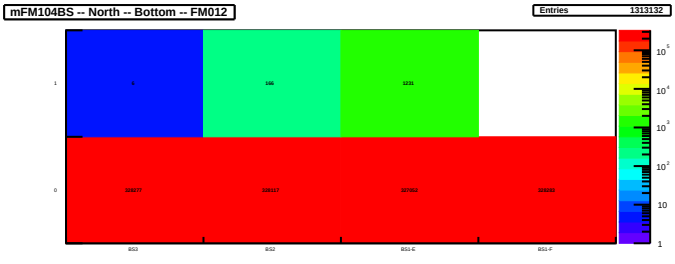

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1249

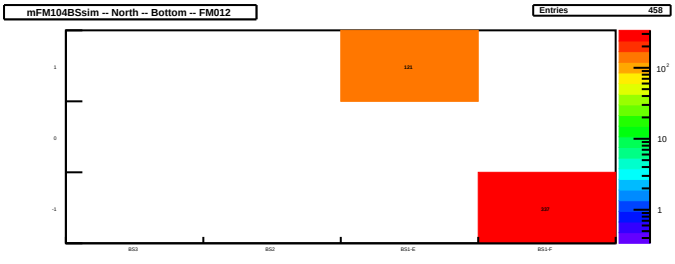

mFM104J -- South -- Bottom/Side -- FM011
Entries 328283
J(23)

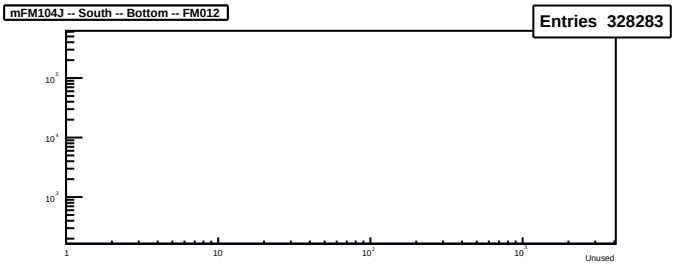

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

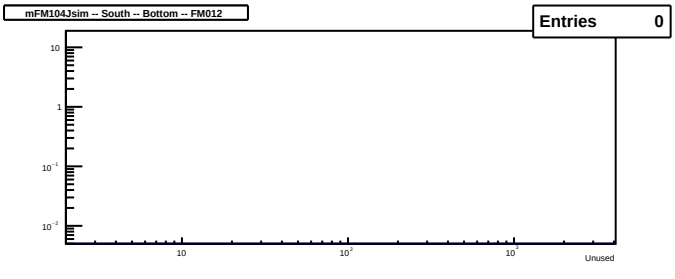

mFM104JP -- South -- Bottom/Side -- FM011
Entries 656566

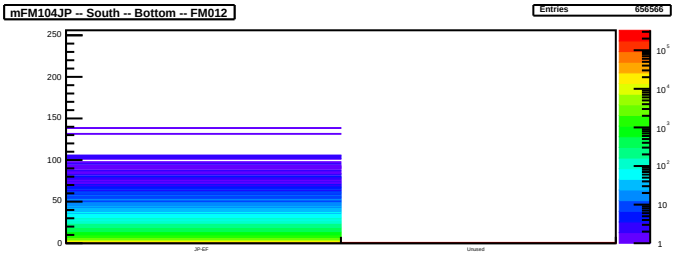

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0


mFM104BS -- North -- Bottom -- FM012
Entries 1313132

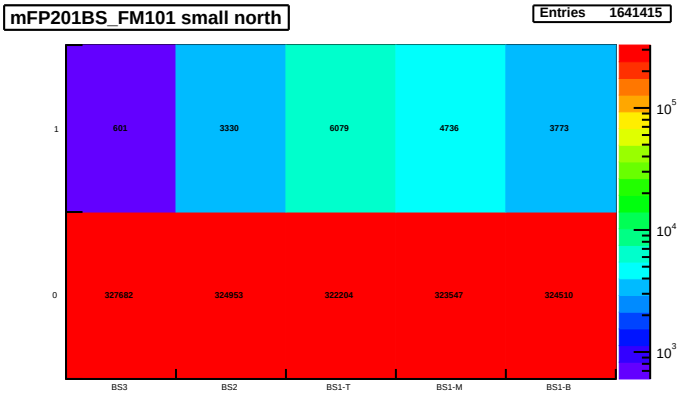

mFM104BSsim -- North -- Bottom -- FM012
Entries 458

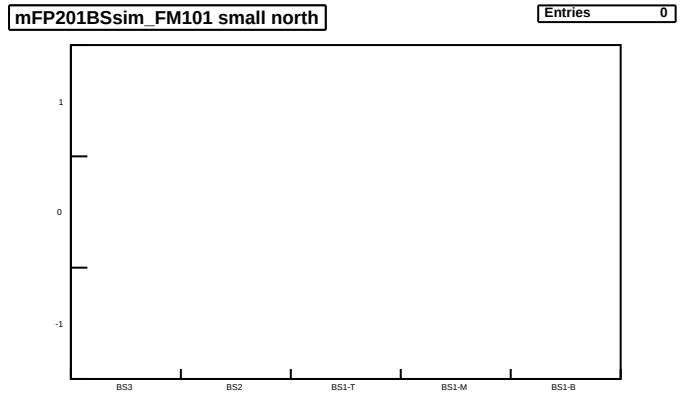

mFM104J -- South -- Bottom -- FM012
Entries 328283
Unused

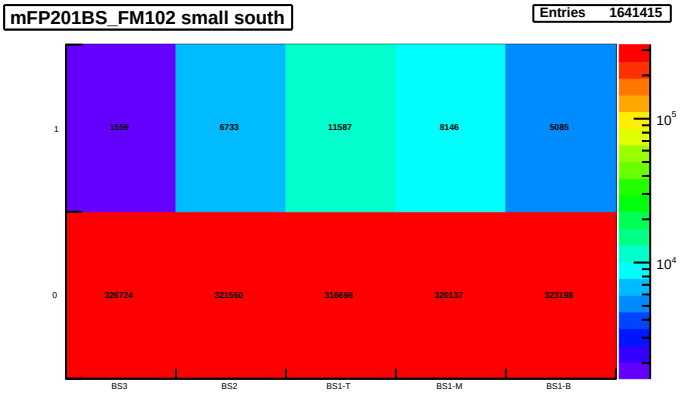

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

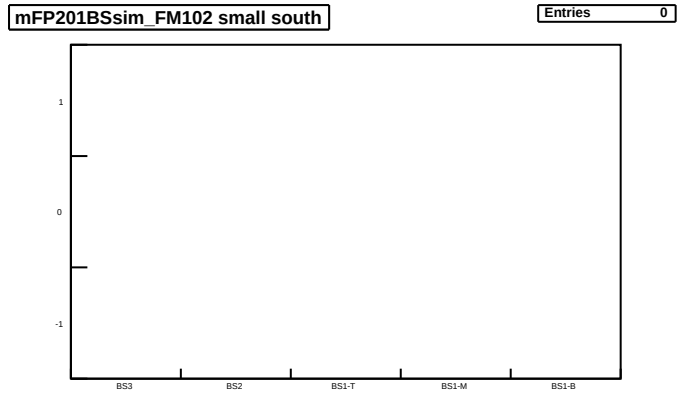

mFM104JP -- South -- Bottom -- FM012
Entries 656566

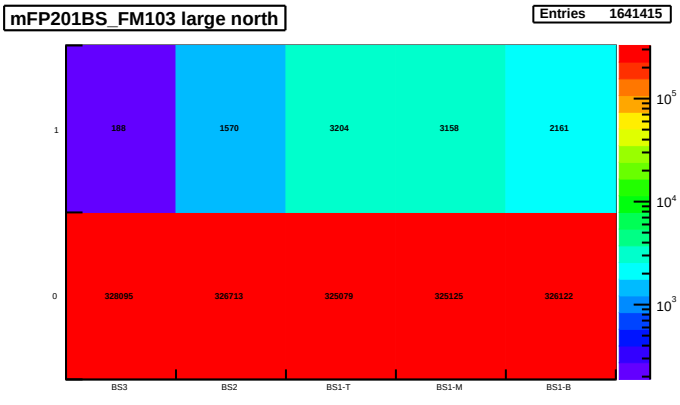
mFM104JPsim -- South -- Bottom -- FM012
Entries 0

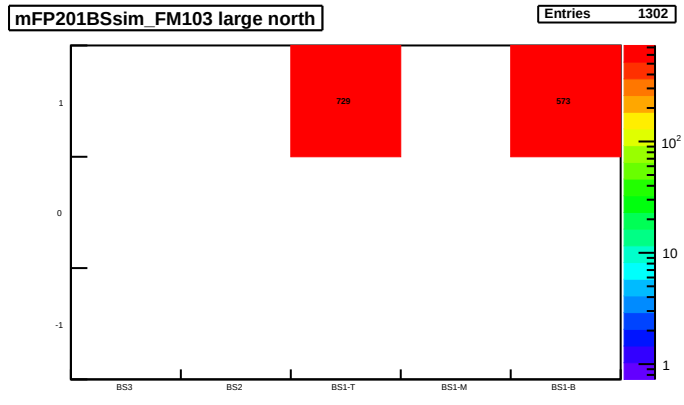

mFP201BS_FM101 small north
Entries 1641415
601
3330
6079
4736
3773
327682
324953
322204
323547
324510
BS3
BS2
BS1-T
BS1-M
BS1-B

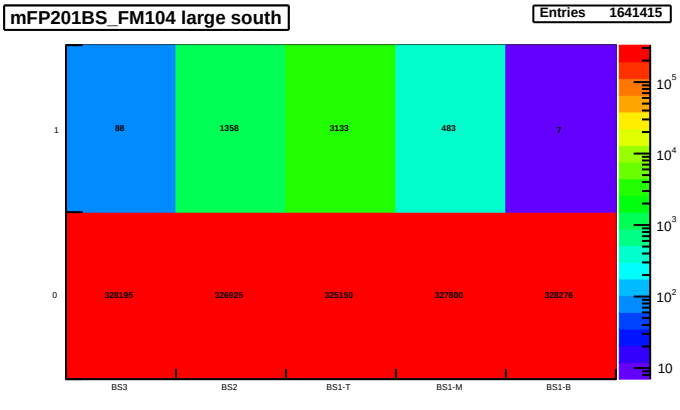

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

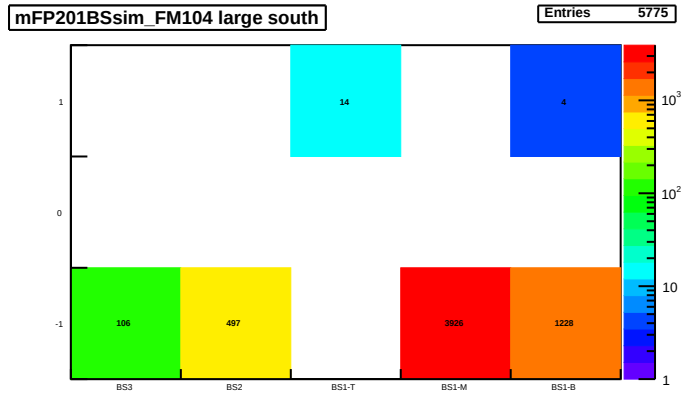

mFP201BS_FM102 small south
Entries 1641415
1559
6733
11587
8146
5085
326724
321550
316696
320137
323198
BS3
BS2
BS1-T
BS1-M
BS1-B

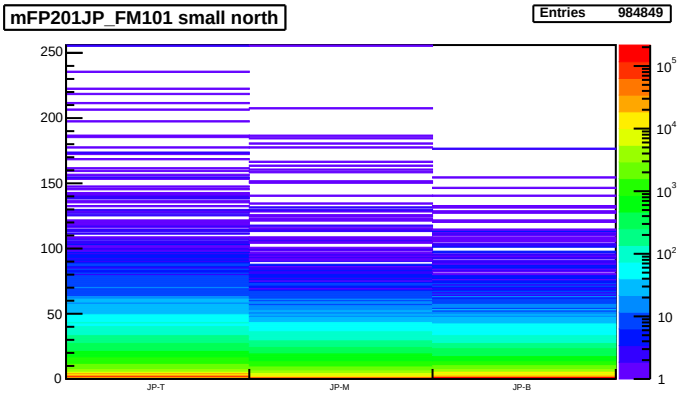

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

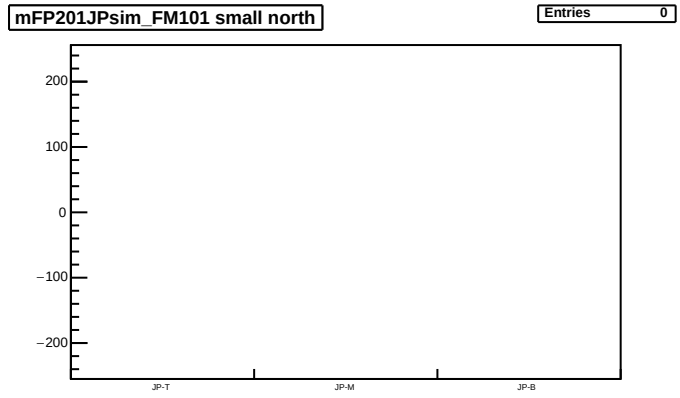

mFP201BS_FM103 large north
Entries 1641415
188
1570
3204
3158
2161
328095
326713
325079
325125
326122
BS3
BS2
BS1-T
BS1-M
BS1-B

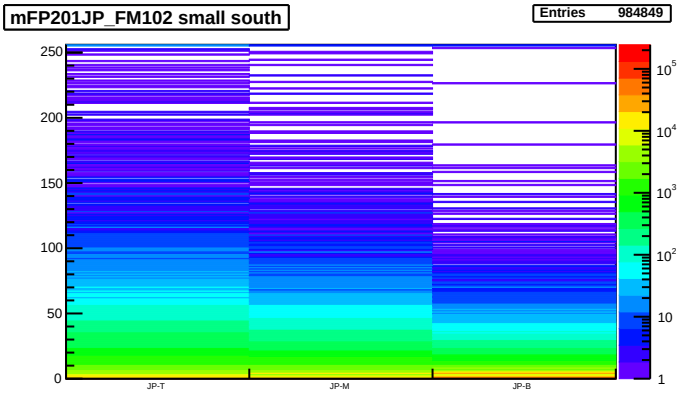

mFP201BSsim_FM103 large north
Entries 1302
729
573
BS3
BS2
BS1-T
BS1-M
BS1-B

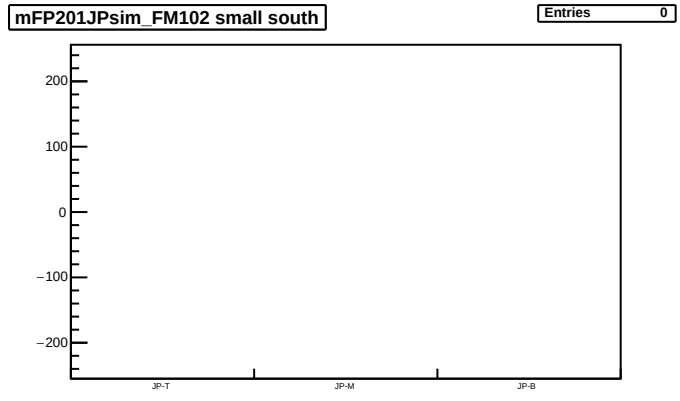

mFP201BS_FM104 large south
Entries 1641415
88
1358
3133
483
7
328195
326925
325150
327800
328276
BS3
BS2
BS1-T
BS1-M
BS1-B

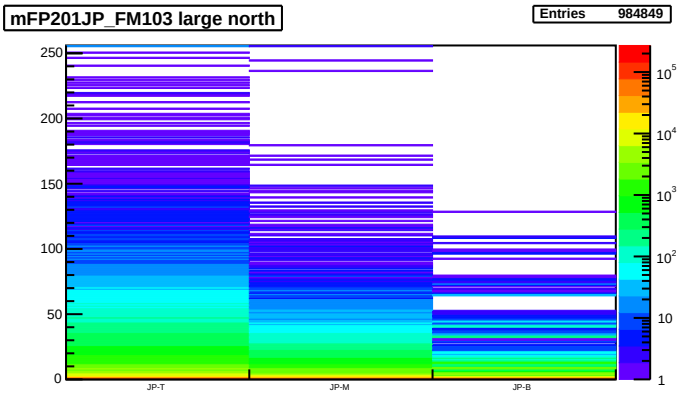

mFP201BSsim_FM104 large south
Entries 5775
14
4
106
497
3926
1228
BS3
BS2
BS1-T
BS1-M
BS1-B

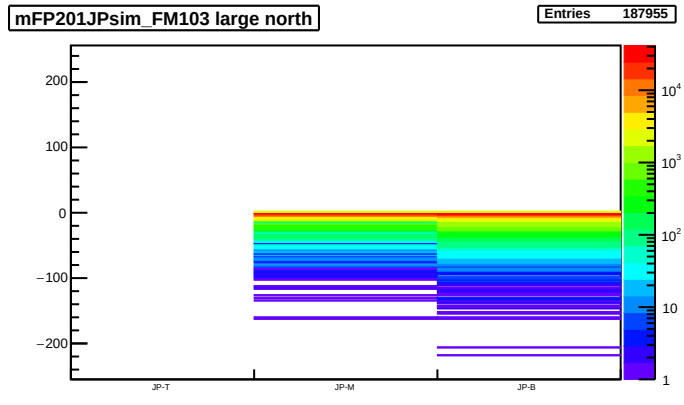

mFP201JP_FM101 small north
Entries 984849
JP-T
JP-M
JP-B

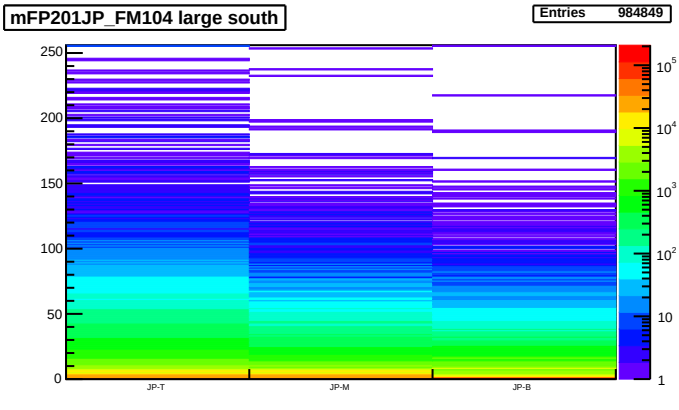

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

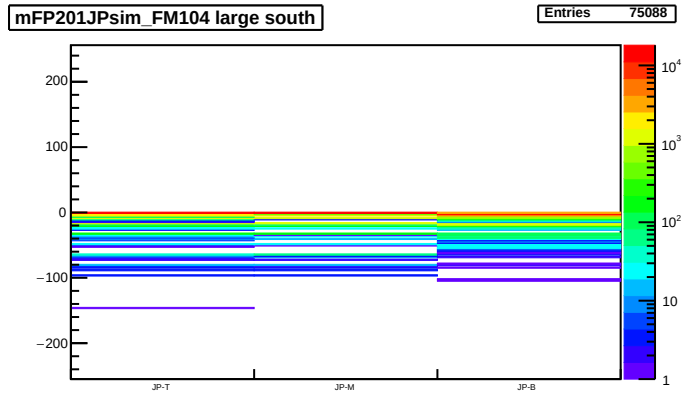

mFP201JP_FM102 small south
Entries 984849
JP-T
JP-M
JP-B

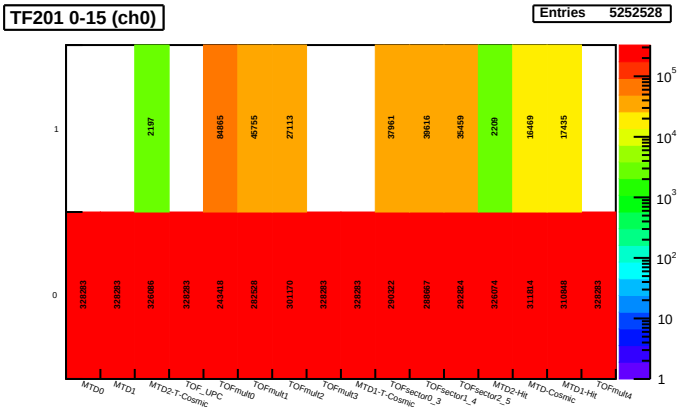

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

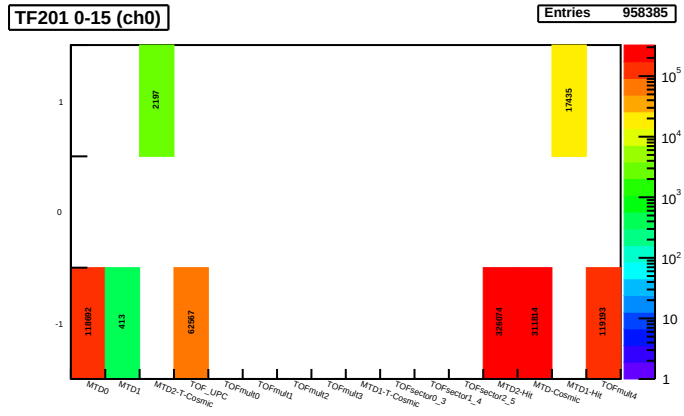

mFP201JP_FM103 large north
Entries 984849
JP-T
JP-M
JP-B

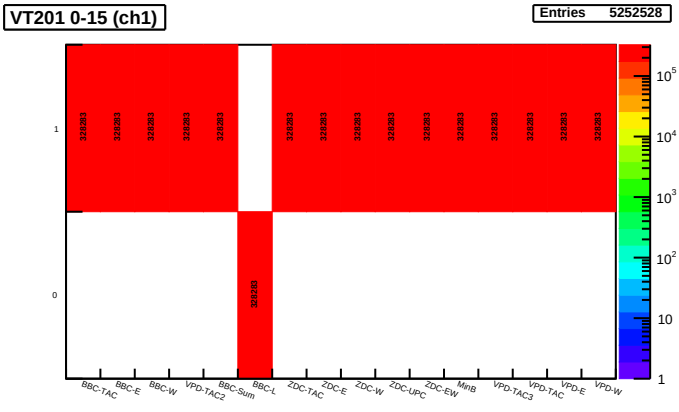

mFP201JPsim_FM103 large north
Entries 187955
JP-T
JP-M
JP-B

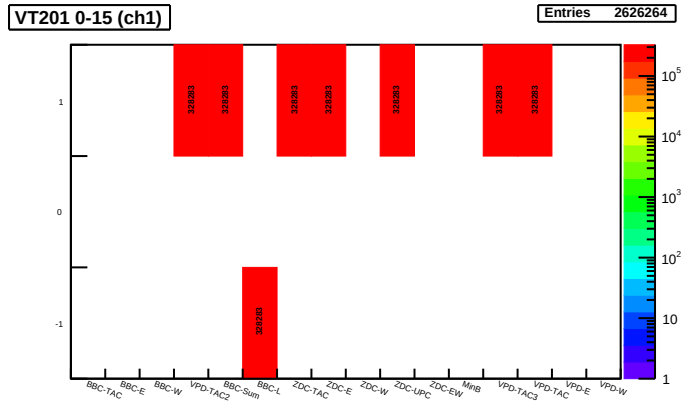

mFP201JP_FM104 large south
Entries 984849
JP-T
JP-M
JP-B

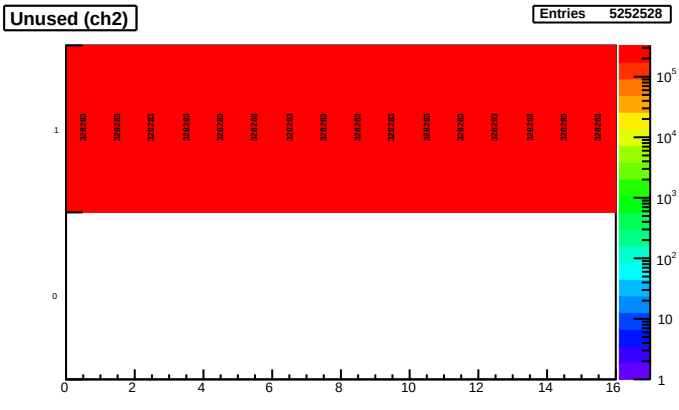

mFP201JPsim_FM104 large south
Entries 75088
JP-T
JP-M
JP-B

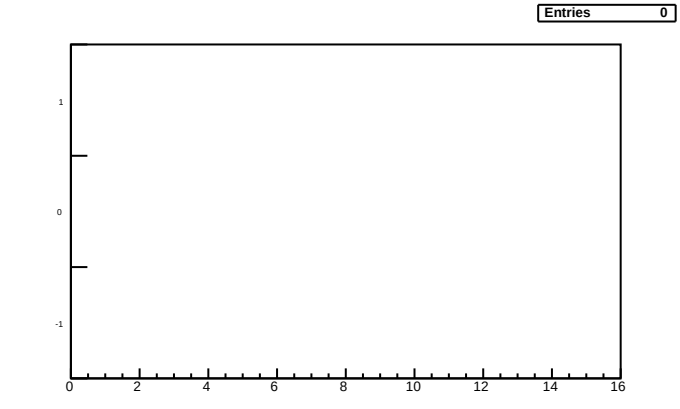

TF201 0-15 (ch0)
Entries 5252528
MTD0
MTD1
MTD2-T-Cosmic
TOF-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

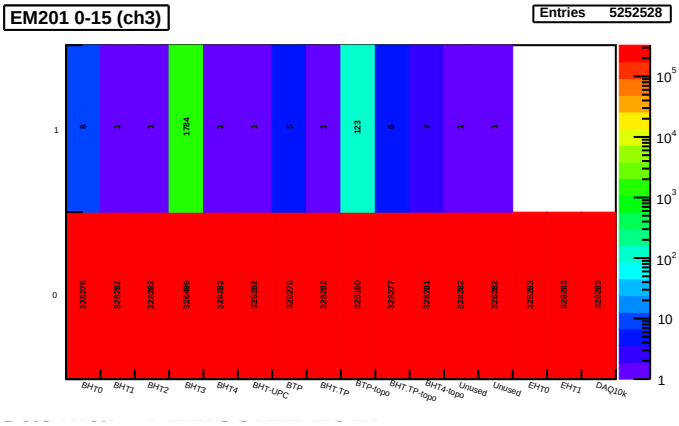

TF201 0-15 (ch0)
Entries 958385
MTD0
MTD1
MTD2-T-Cosmic
TOF-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

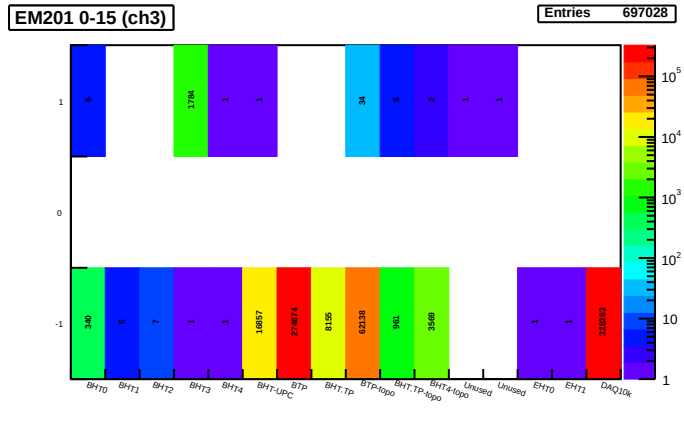

VT201 0-15 (ch1)
Entries 5252528
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W


VT201 0-15 (ch1)
Entries 2626264
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

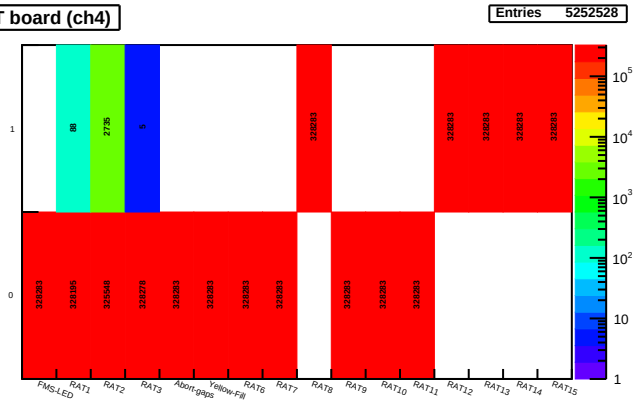

Unused (ch2)
Entries 5252528

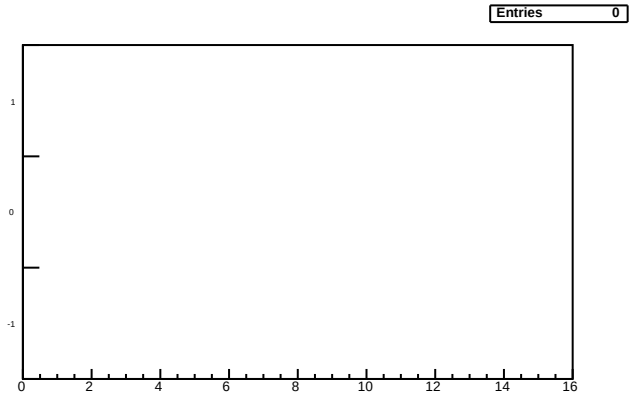

Entries 0


EM201 0-15 (ch3)
Entries 5252528
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT_TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

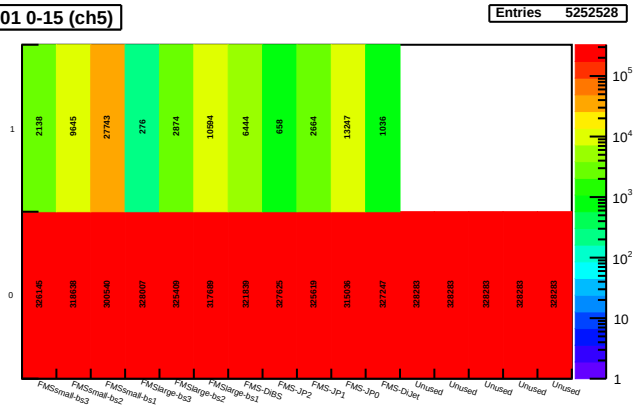

EM201 0-15 (ch3)
Entries 697028
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT_TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

RAT board (ch4)

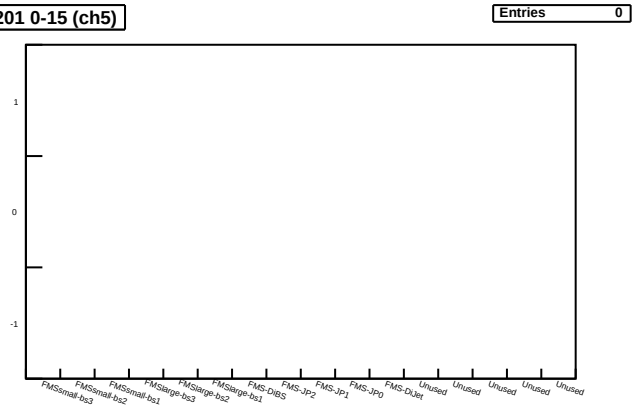




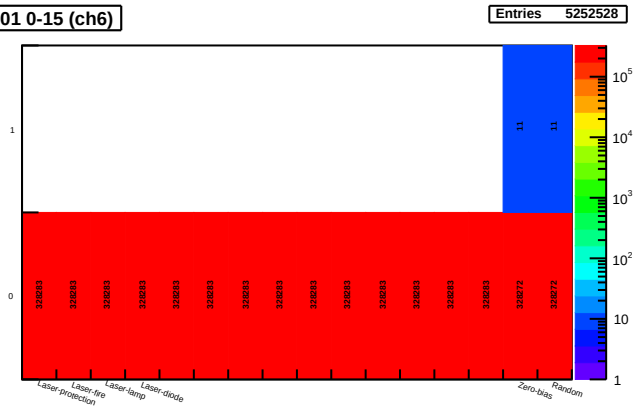
FP201 0-15 (ch5)

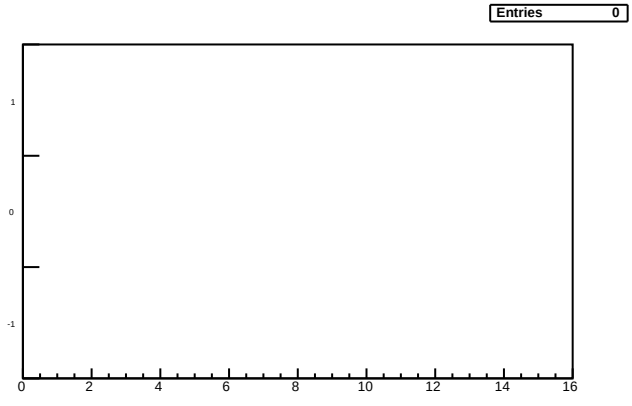
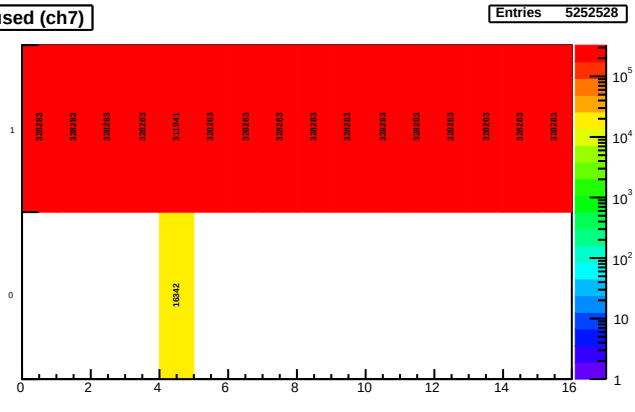
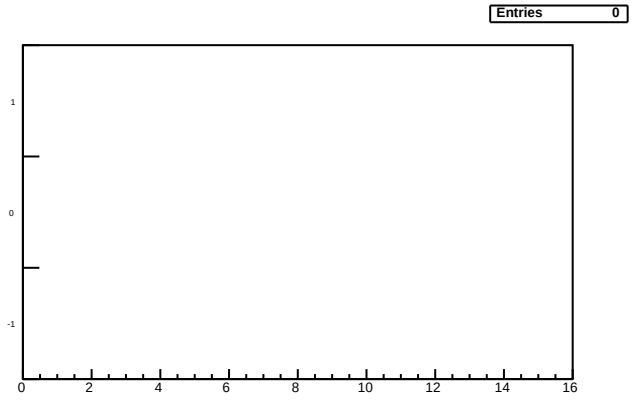


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)