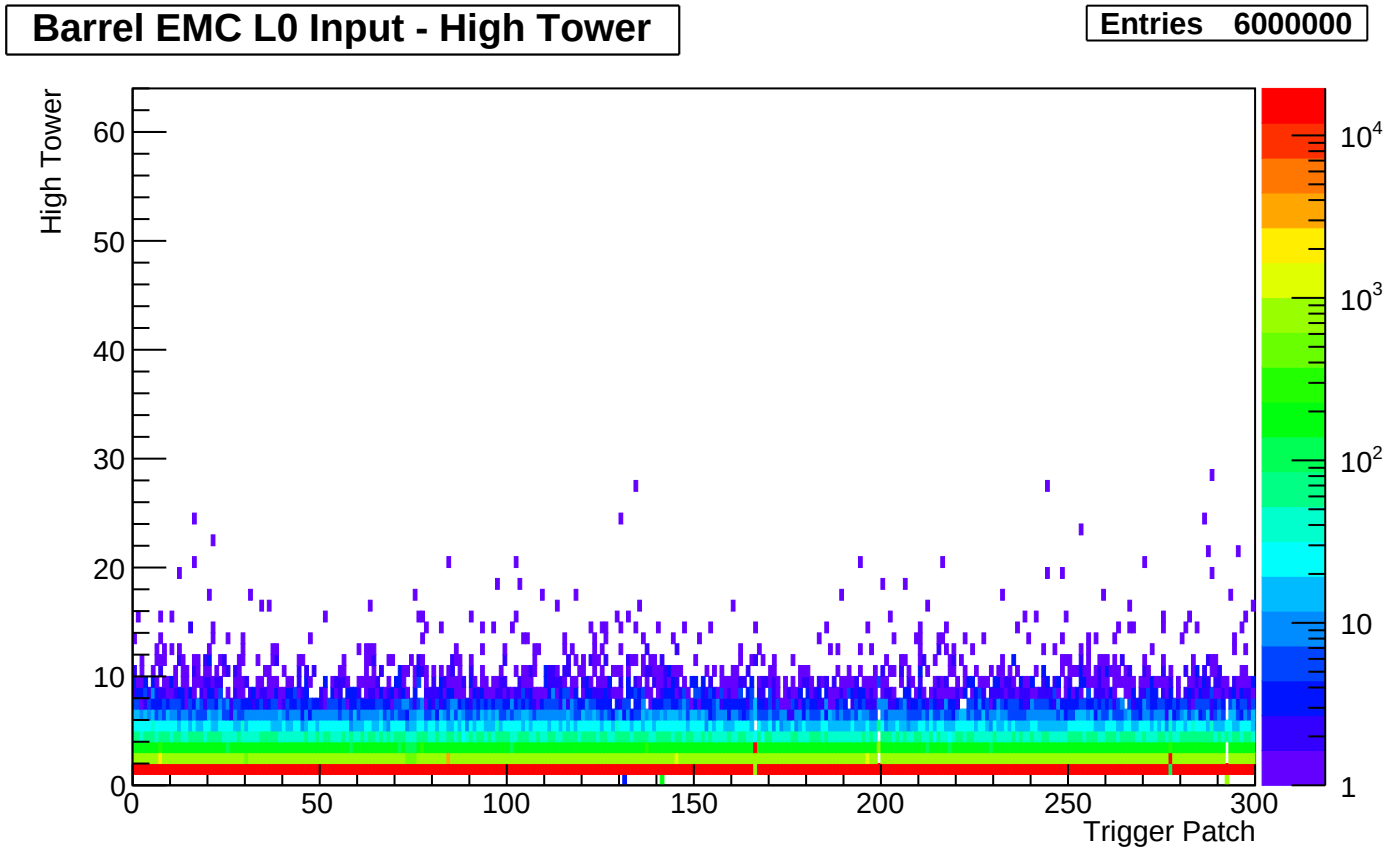
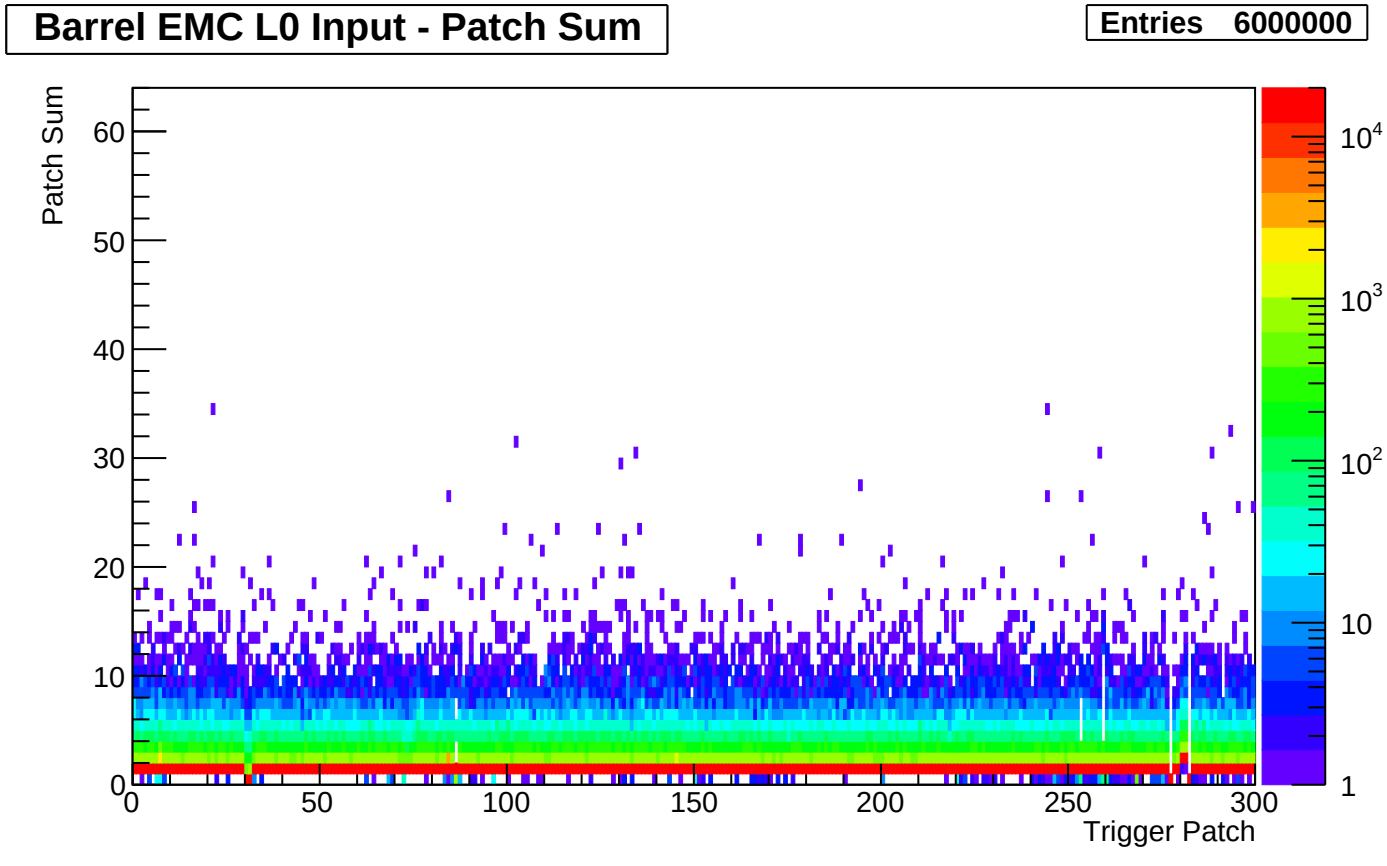
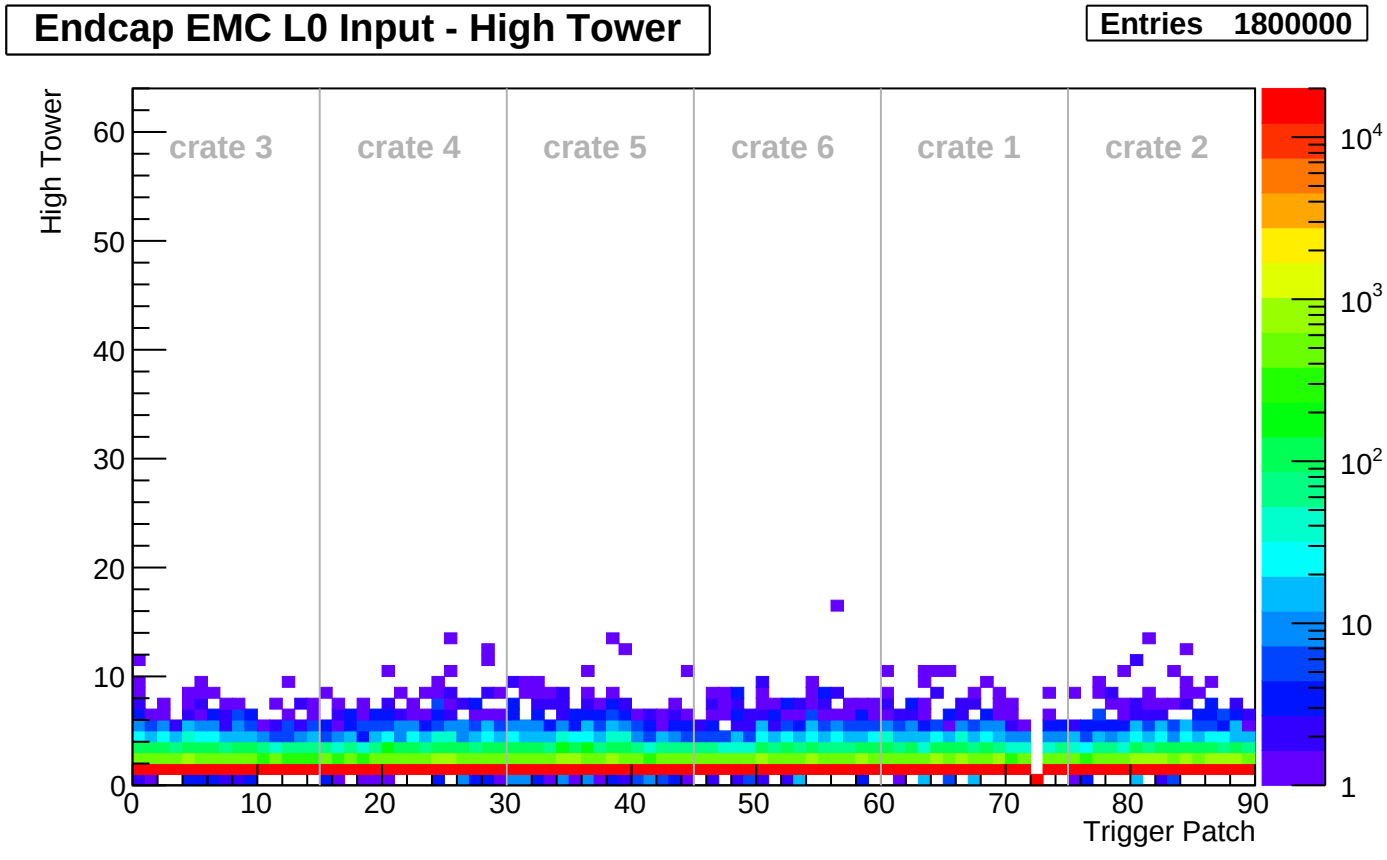
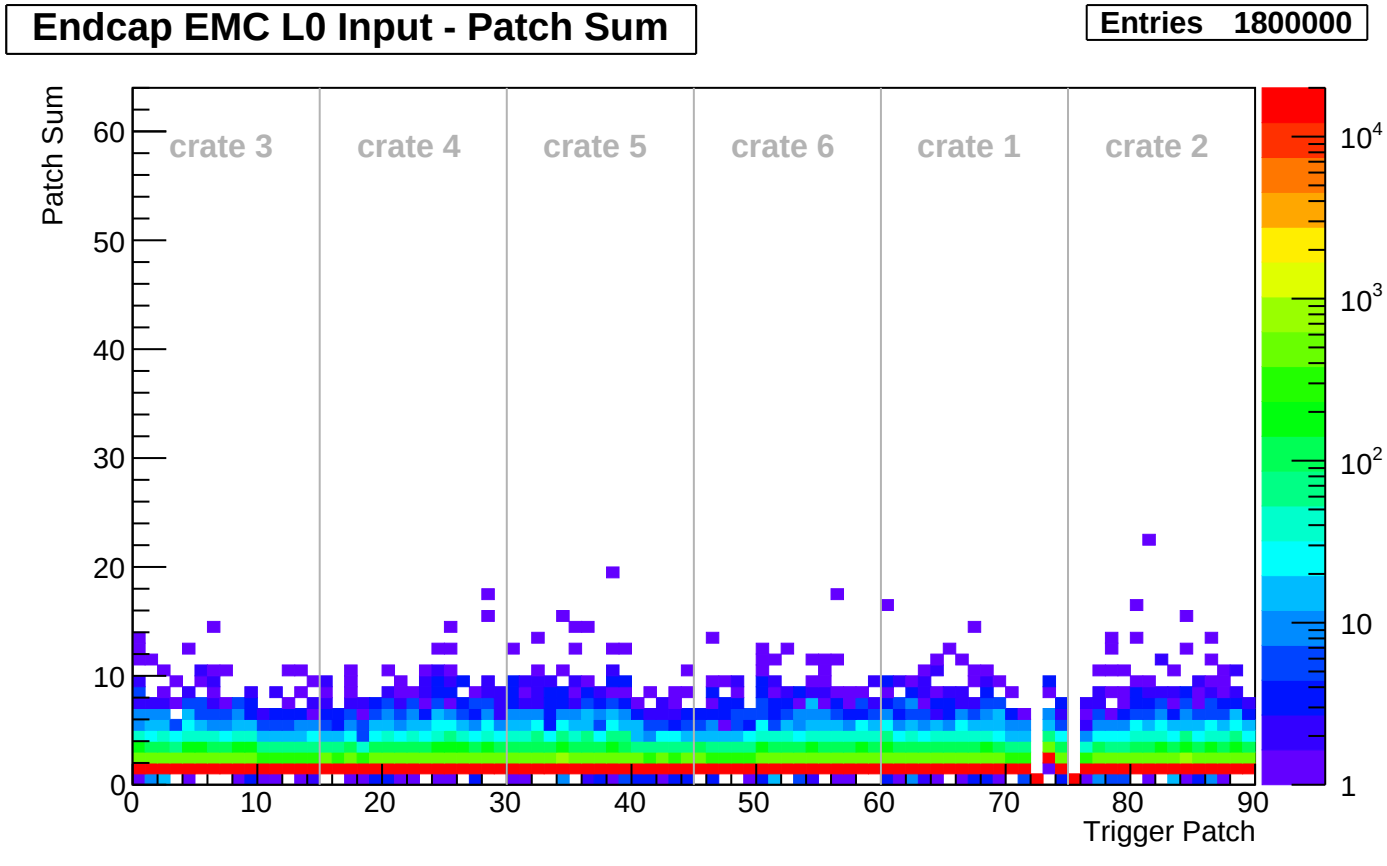
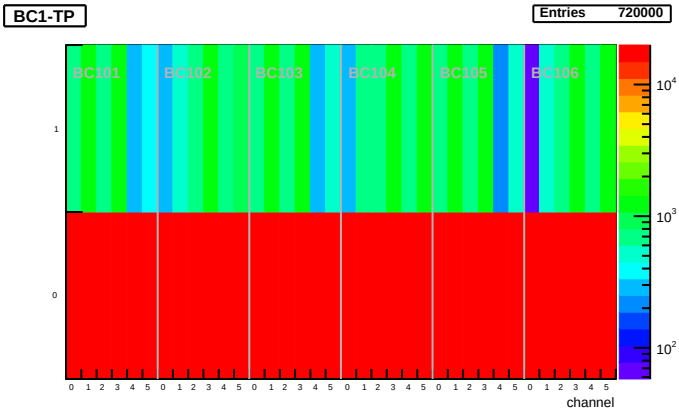
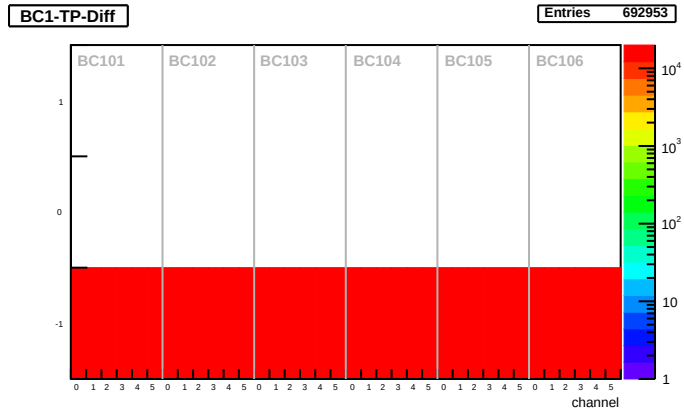

Barrel EMC L0 Input - High Tower
Entries 6000000
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

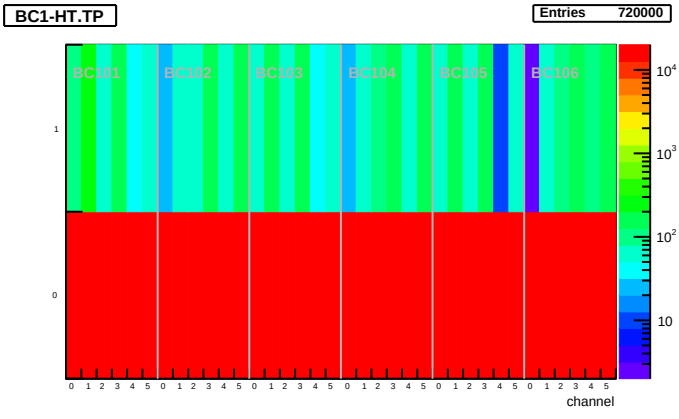

Barrel EMC L0 Input - Patch Sum
Entries 6000000
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

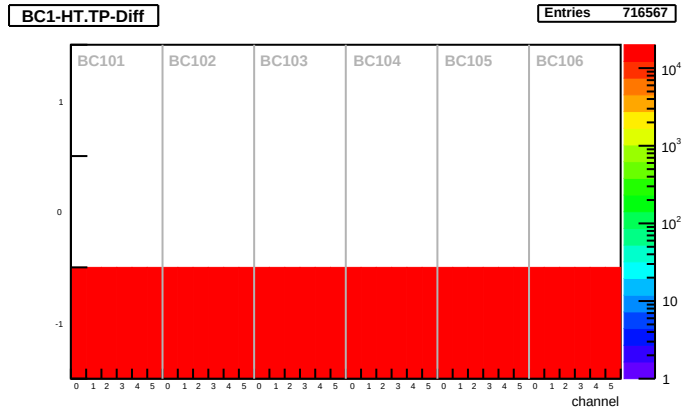

Endcap EMC L0 Input - High Tower
Entries 1800000
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

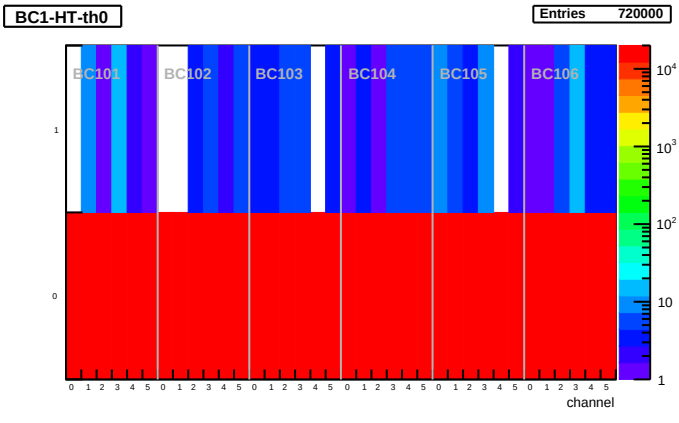

Endcap EMC L0 Input - Patch Sum
Entries 1800000
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

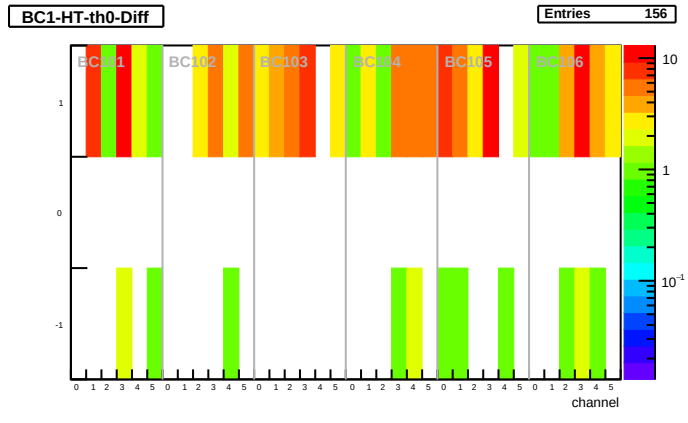

BC1-TP
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

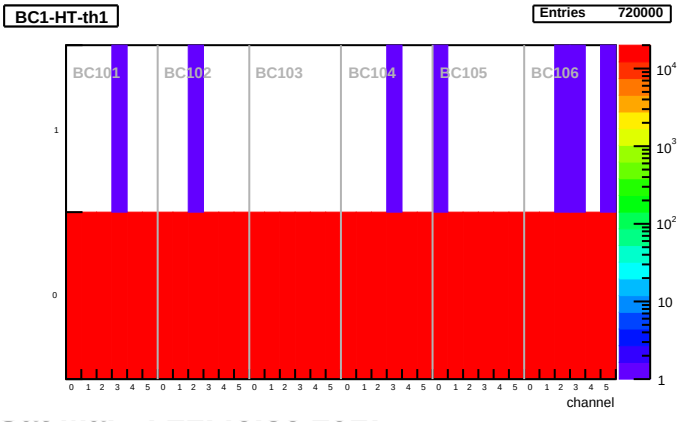

BC1-TP-Diff
Entries 692953
BC101
BC102
BC103
BC104
BC105
BC106
channel

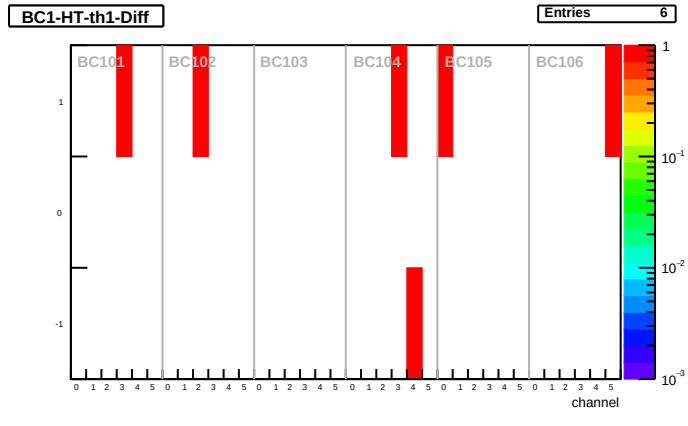

BC1-HT.TP
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

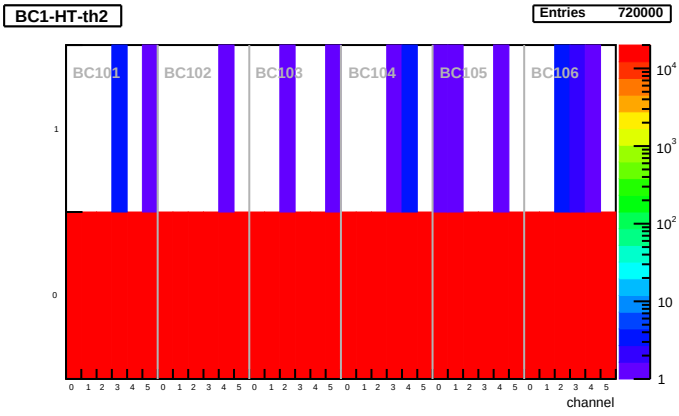

BC1-HT.TP-Diff
Entries 716567
BC101
BC102
BC103
BC104
BC105
BC106
channel

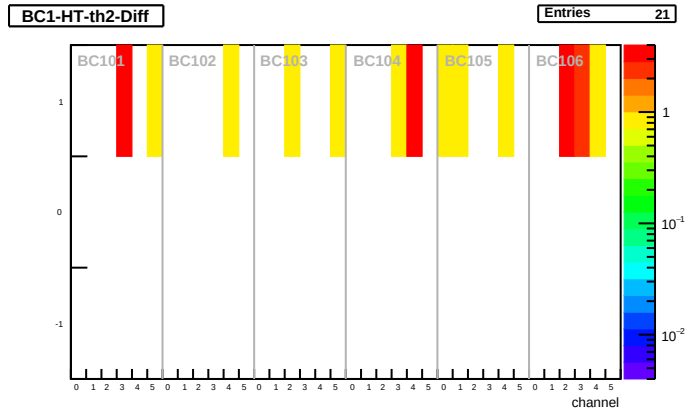

BC1-HT-th0
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

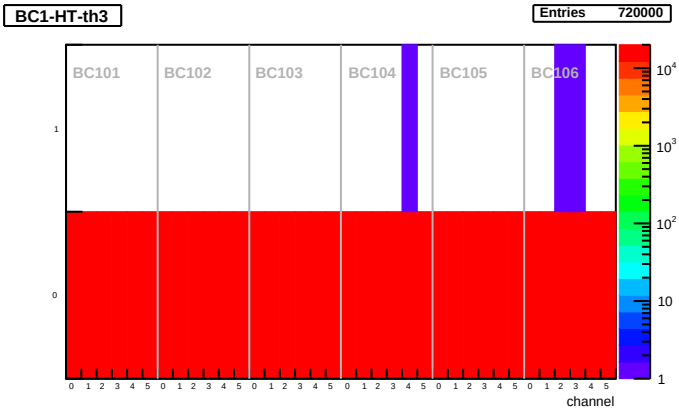

BC1-HT-th0-Diff
Entries 156
BC101
BC102
BC103
BC104
BC105
BC106
channel

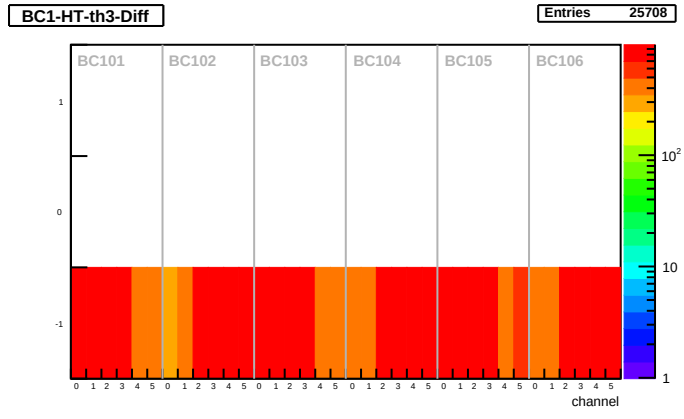

BC1-HT-th1
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

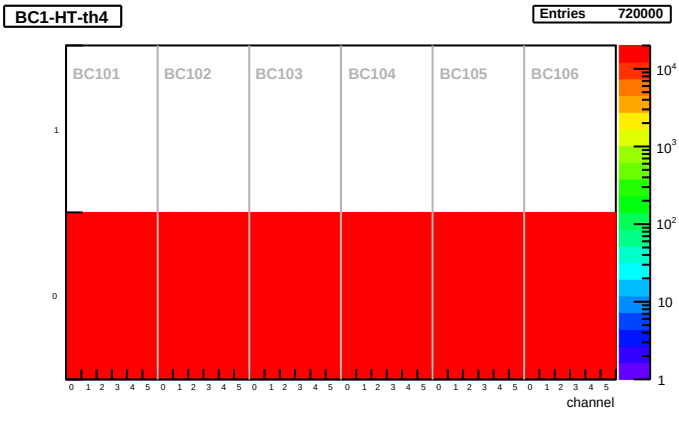

BC1-HT-th1-Diff
Entries 6
BC101
BC102
BC103
BC104
BC105
BC106
channel

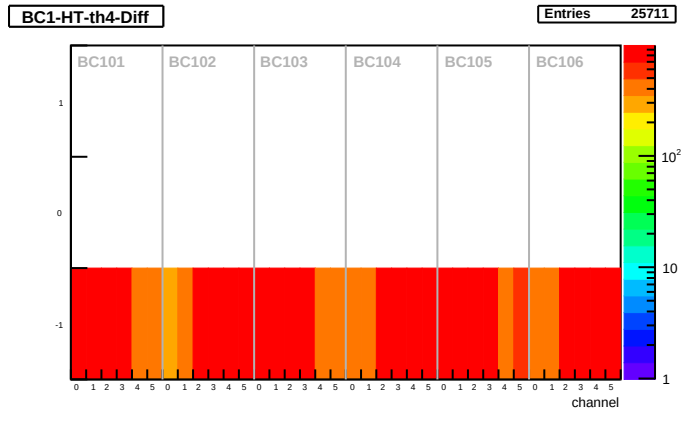

BC1-HT-th2
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

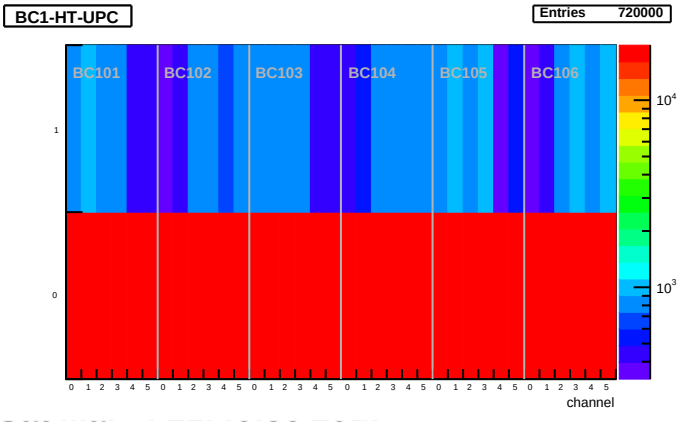

BC1-HT-th2-Diff
Entries 21
BC101
BC102
BC103
BC104
BC105
BC106
channel

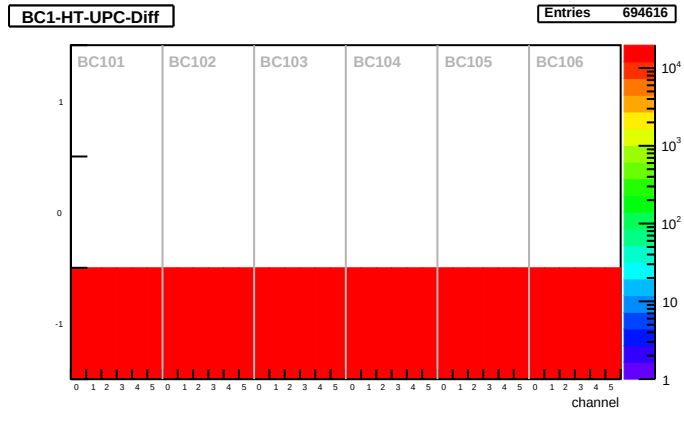

BC1-HT-th3
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

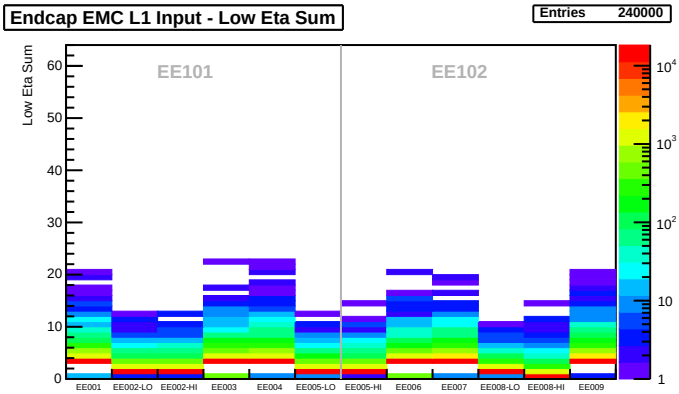

BC1-HT-th3-Diff
Entries 25708
BC101
BC102
BC103
BC104
BC105
BC106
channel

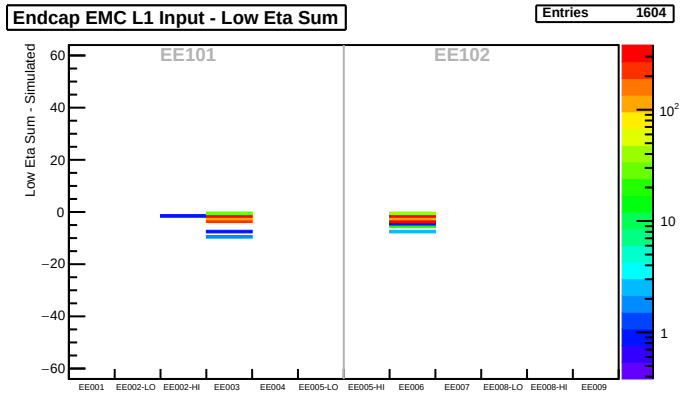

BC1-HT-th4
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

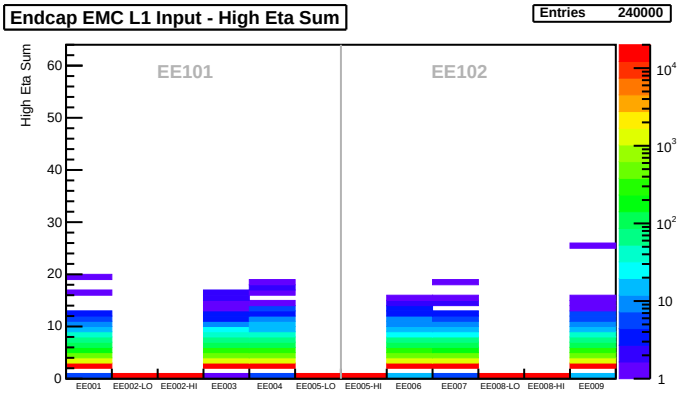

BC1-HT-th4-Diff
Entries 25711
BC101
BC102
BC103
BC104
BC105
BC106
channel

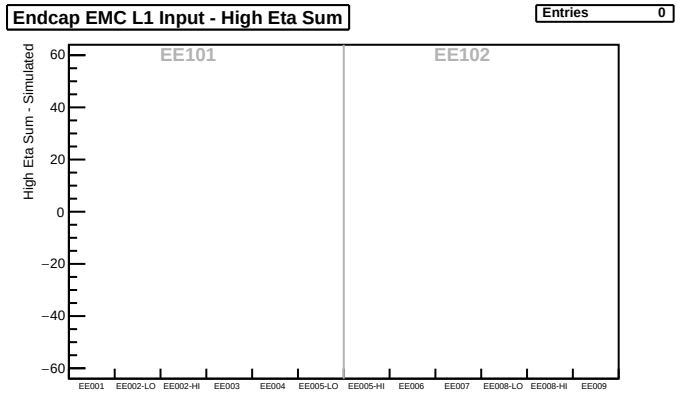

BC1-HT-UPC
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

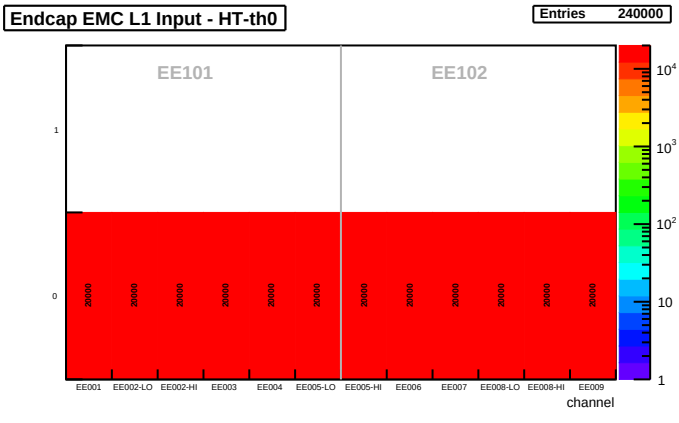

BC1-HT-UPC-Diff
Entries 694616
BC101
BC102
BC103
BC104
BC105
BC106
channel

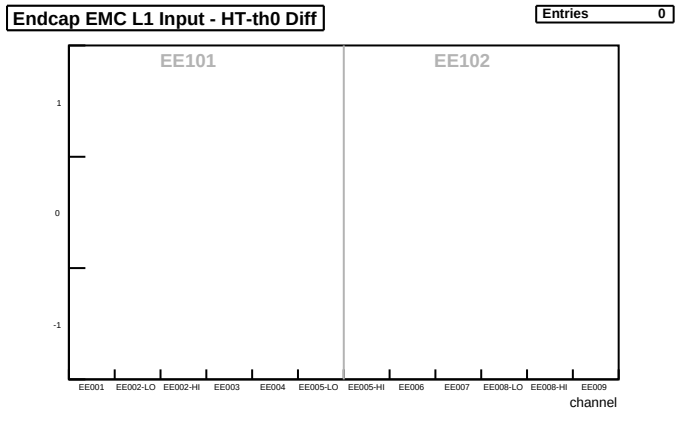

Endcap EMC L1 Input - Low Eta Sum
Entries 240000
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

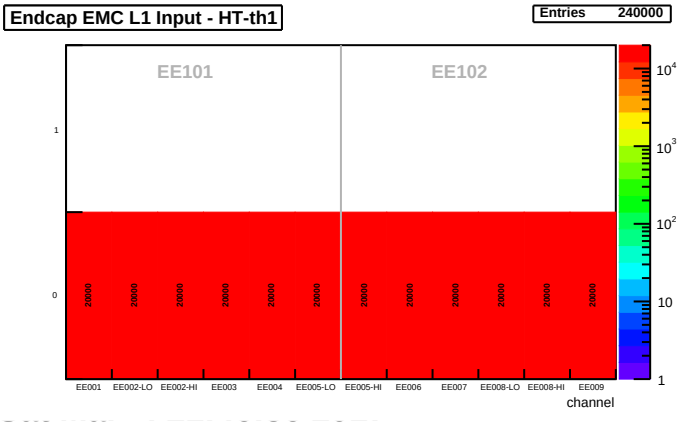

Endcap EMC L1 Input - Low Eta Sum
Entries 1604
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

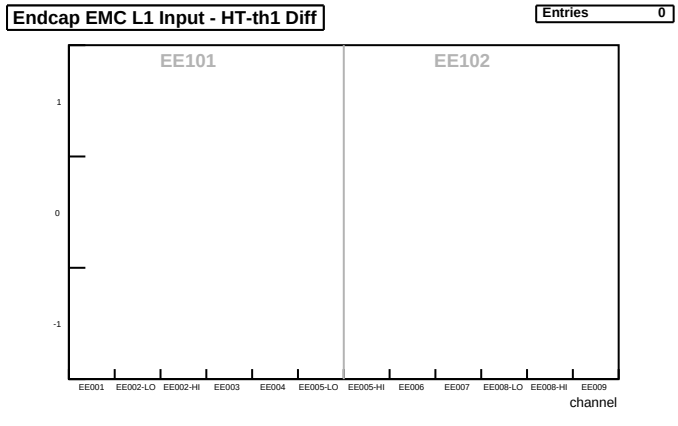

Endcap EMC L1 Input - High Eta Sum
Entries 240000
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

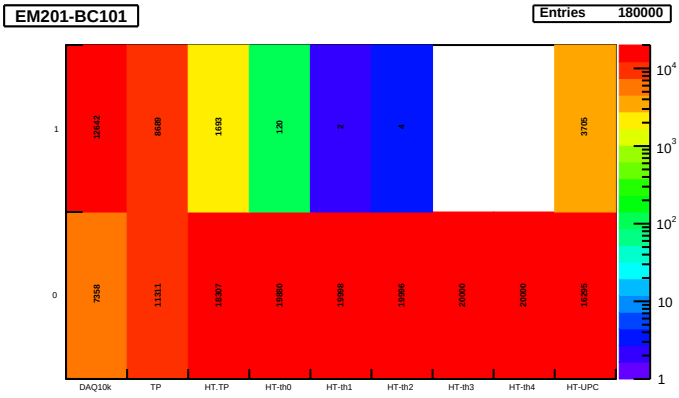

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

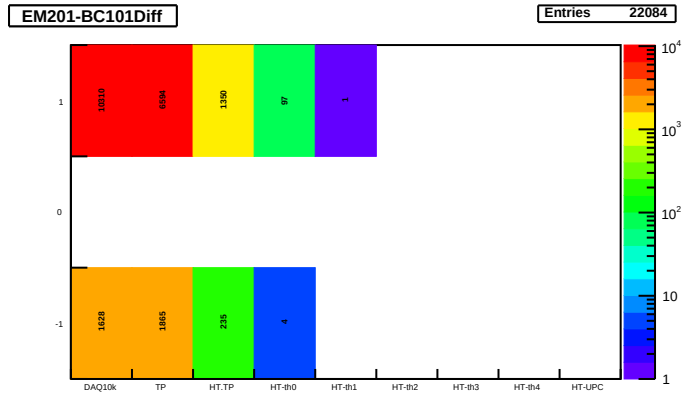

Endcap EMC L1 Input - HT-th0
Entries 240000
EE101
EE102
20000
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

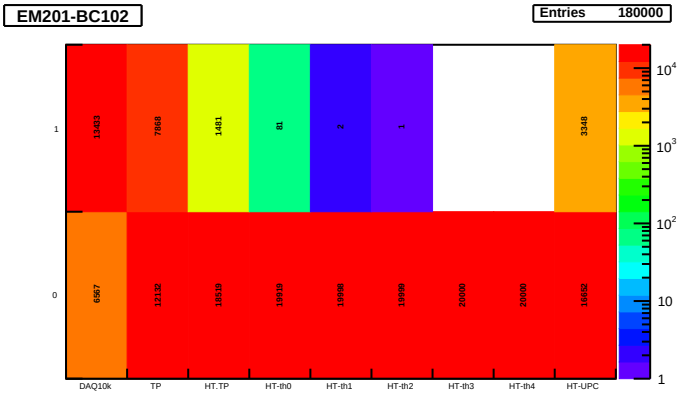

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

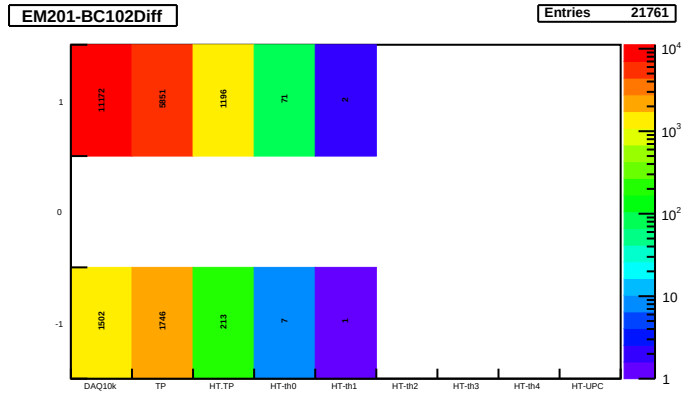

Endcap EMC L1 Input - HT-th1
Entries 240000
EE101
EE102
20000
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

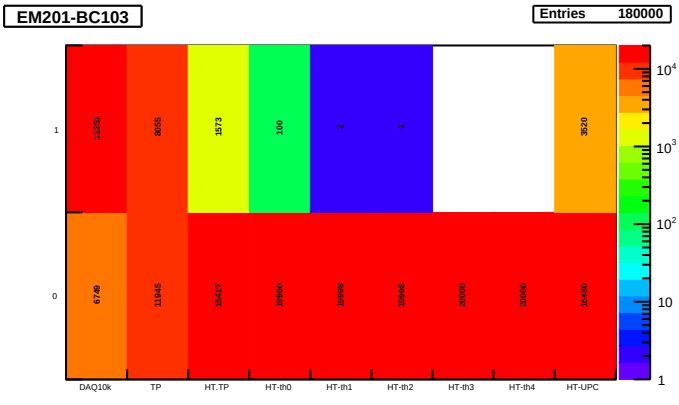

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

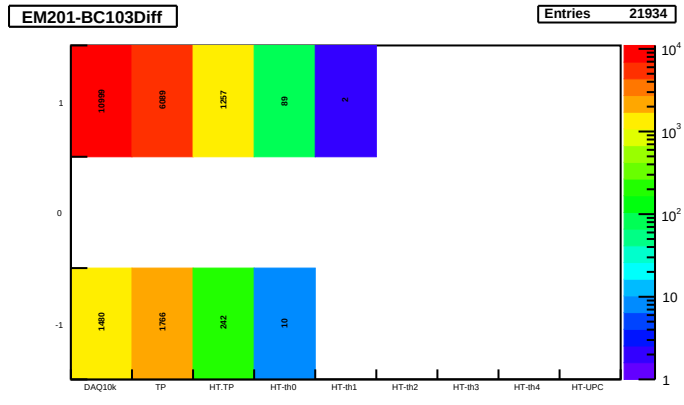

EM201-BC101
Entries 180000
1 12642 8689 1693 120 2 4 3705
0 7358 11311 18307 19980 19998 19996 20000 20000 16295
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

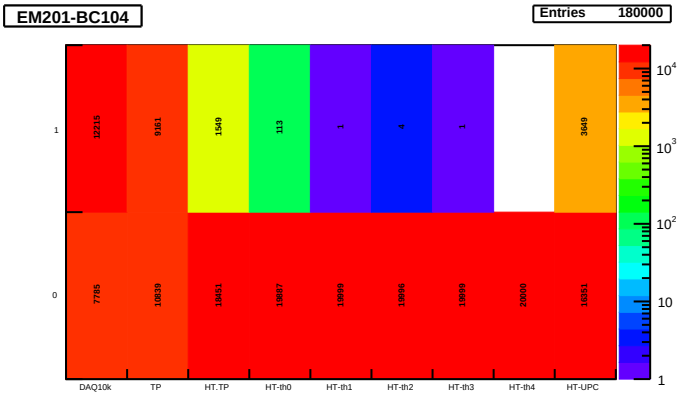

EM201-BC101Diff
Entries 22084
1 10310 6594 1350 97 1
0
-1 1628 1865 235 4
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

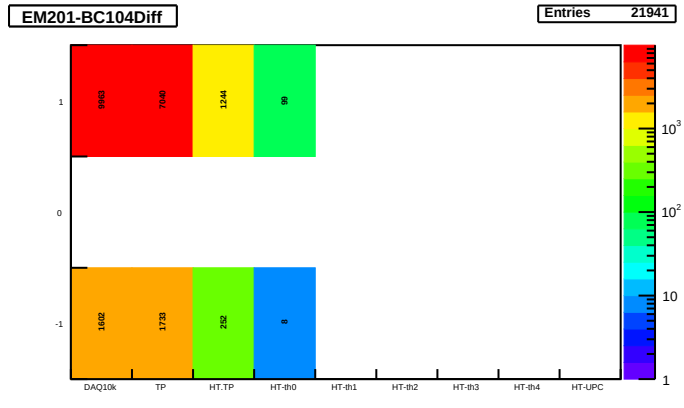

EM201-BC102
Entries 180000
1 13433 7868 1481 81 2 1 3348
0 6567 12132 18519 19919 19998 19999 20000 20000 16652
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC102Diff
Entries 21761
1 11172 5851 1196 71 2
0
-1 1502 1746 213 7 1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

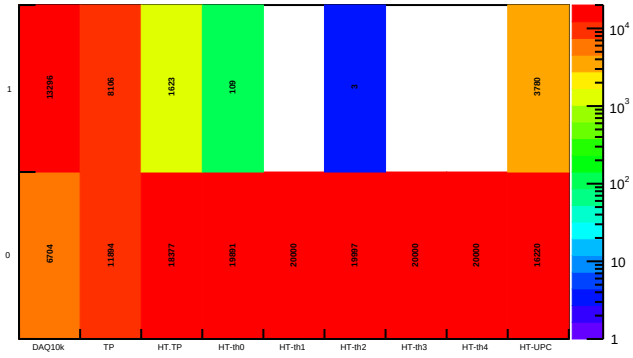

EM201-BC103
Entries 180000
1 13251 8655 1573 100 2 2 3520
0 6749 11345 18427 19900 19998 19998 20000 20000 16480
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC103Diff
Entries 21934
1 10999 6689 1257 89 2
0
-1 1480 1766 242 10
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

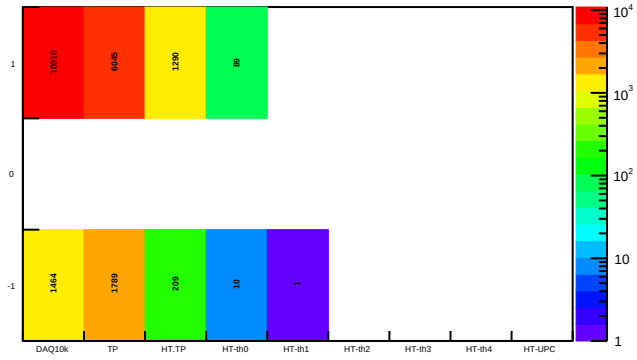

EM201-BC104
Entries 180000
1 12215 6161 1549 113 1 4 1 3649
0 7785 10839 18451 18887 19999 19996 19999 20000 16351
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC104Diff
Entries 21941
1 9963 7040 1244 89
0
-1 1602 1733 252 8
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

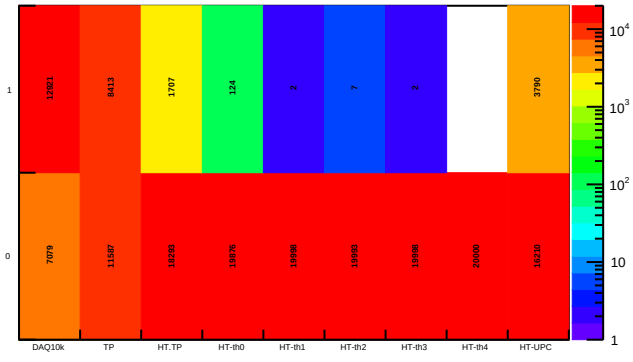
EM201-BC105 Entries 180000



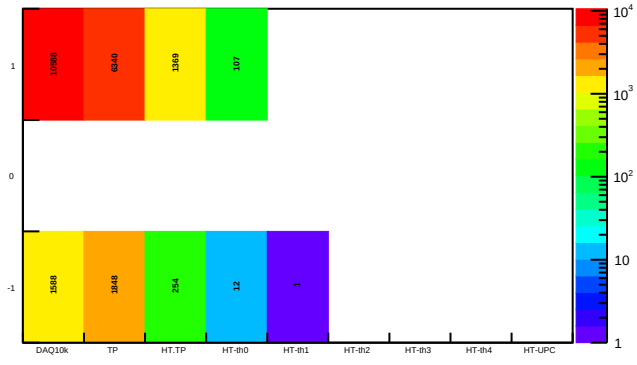
EM201-BC105Diff Entries 21807



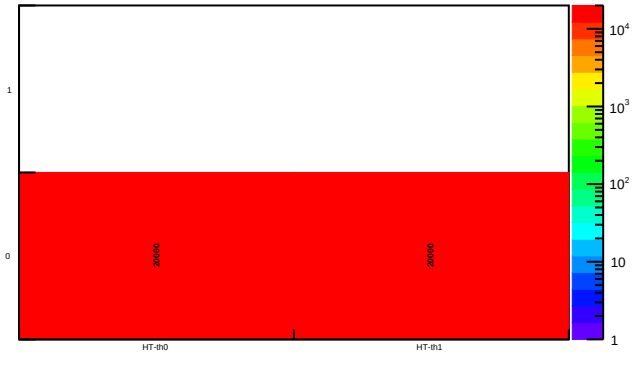
EM201-BC106 Entries 180000



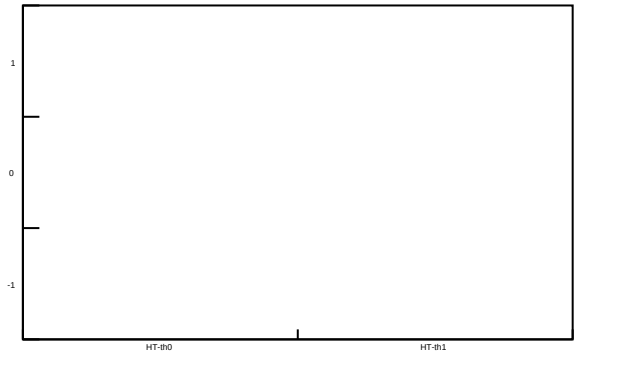
EM201-BC106Diff Entries 22107



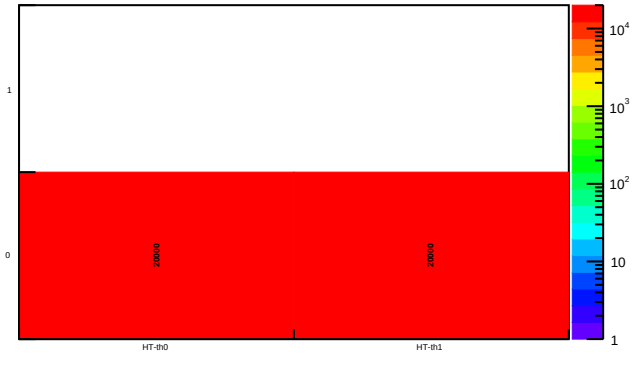
EM201-EE101 Entries 40000



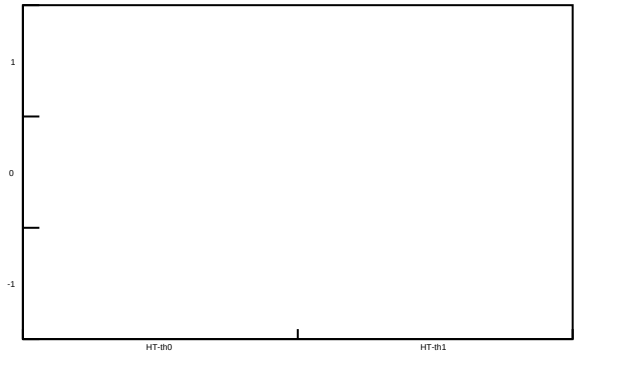
EM201-EE101Diff Entries 0

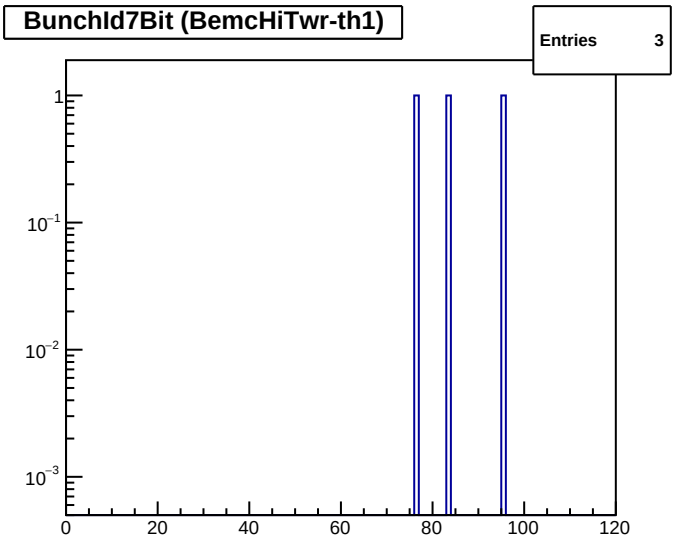


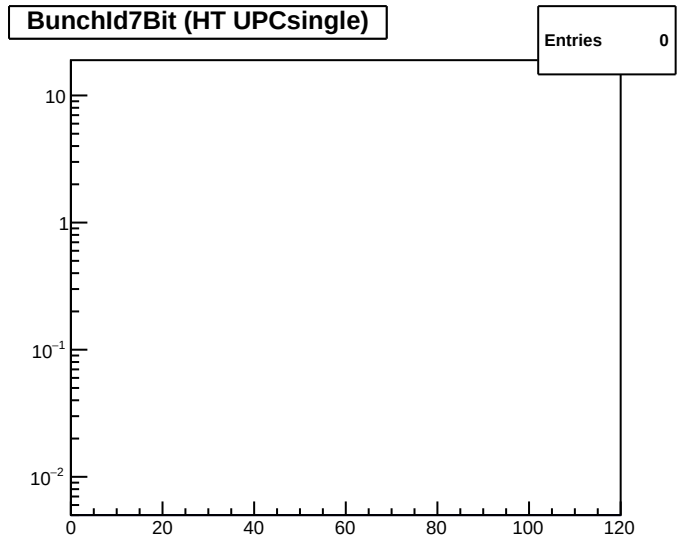
EM201-EE102 Entries 40000

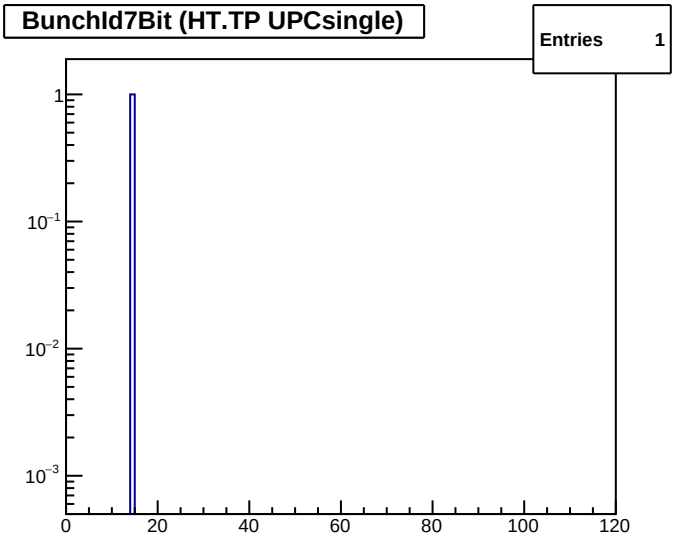


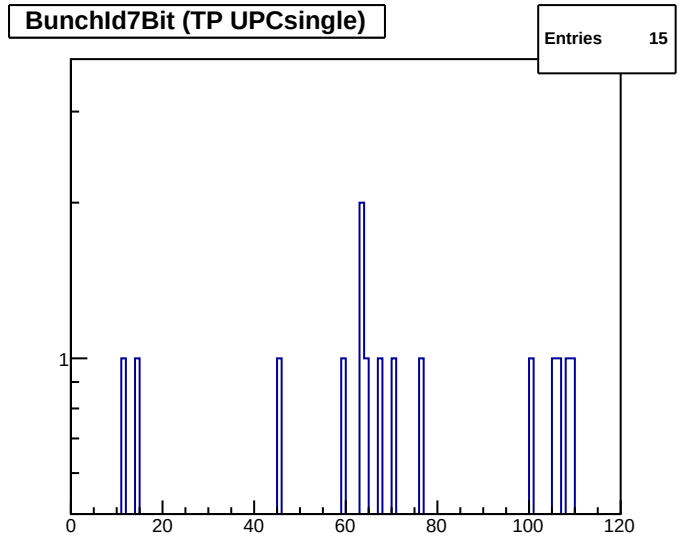
EM201-EE102Diff Entries 0

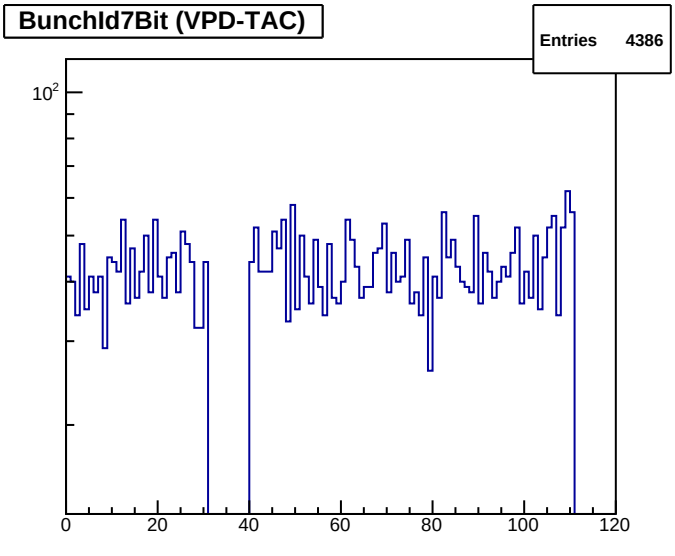


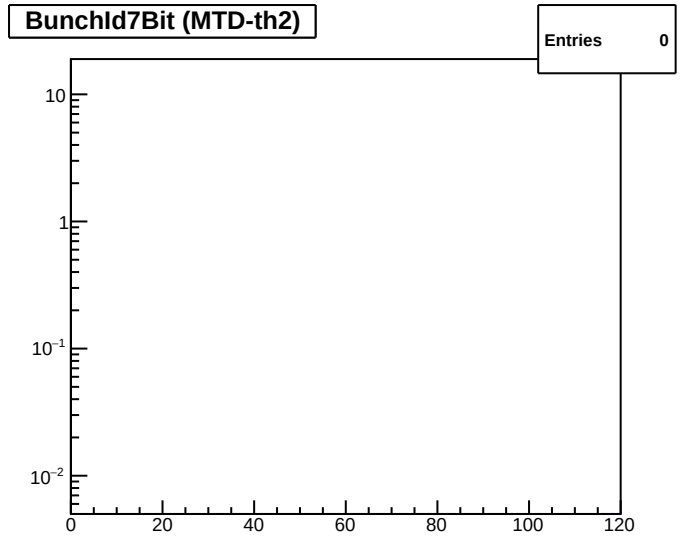

BunchId7Bit (BemcHiTwr-th1)
Entries 3

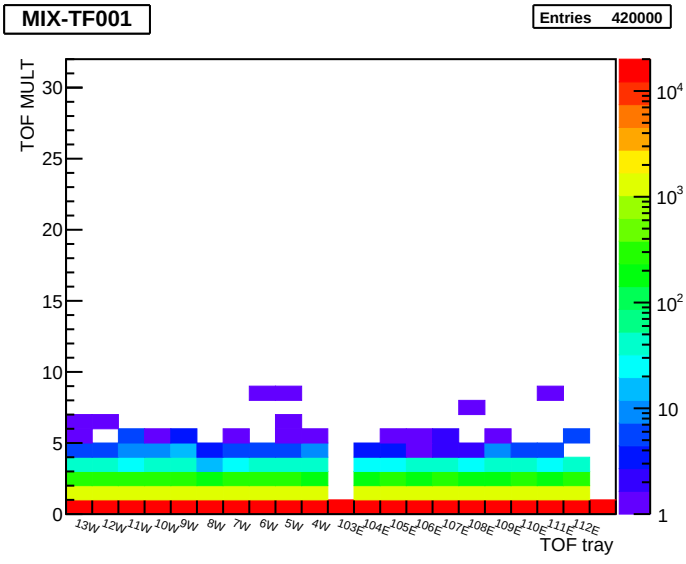

BunchId7Bit (HT UPCsingle)
Entries 0

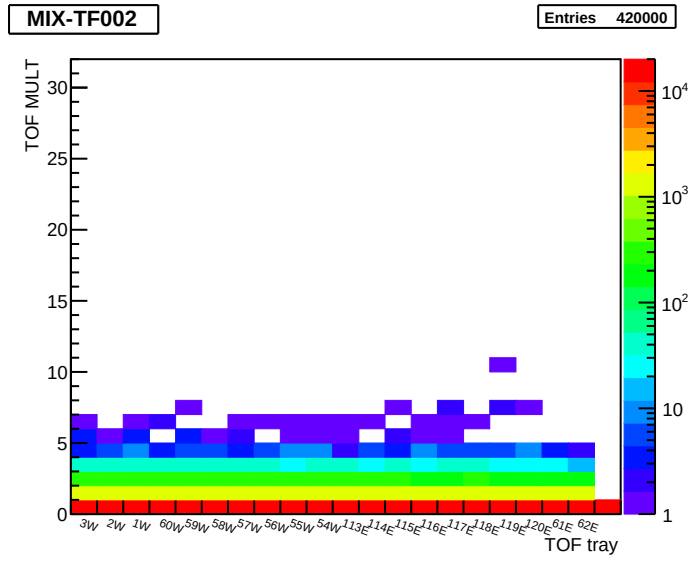

BunchId7Bit (HT.TP UPCsingle)
Entries 1

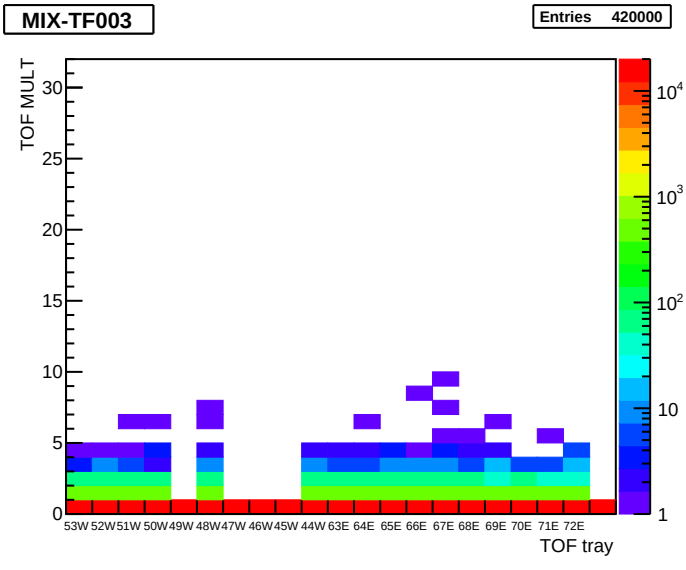

BunchId7Bit (TP UPCsingle)
Entries 15

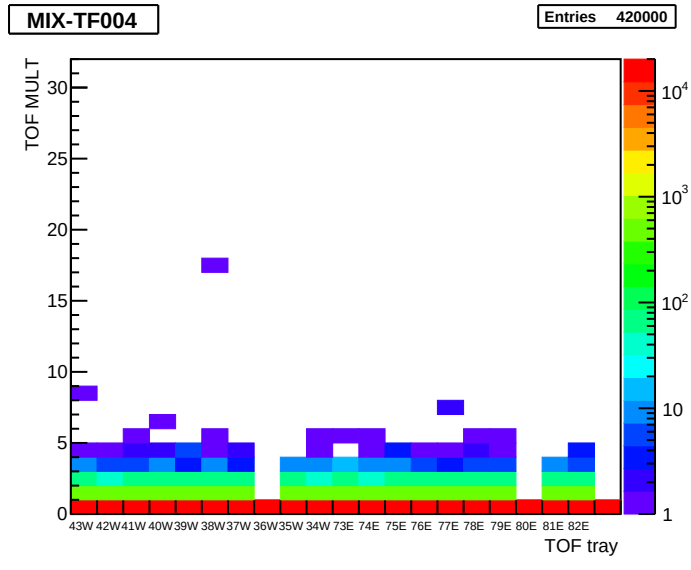

BunchId7Bit (VPD-TAC)
Entries 4386

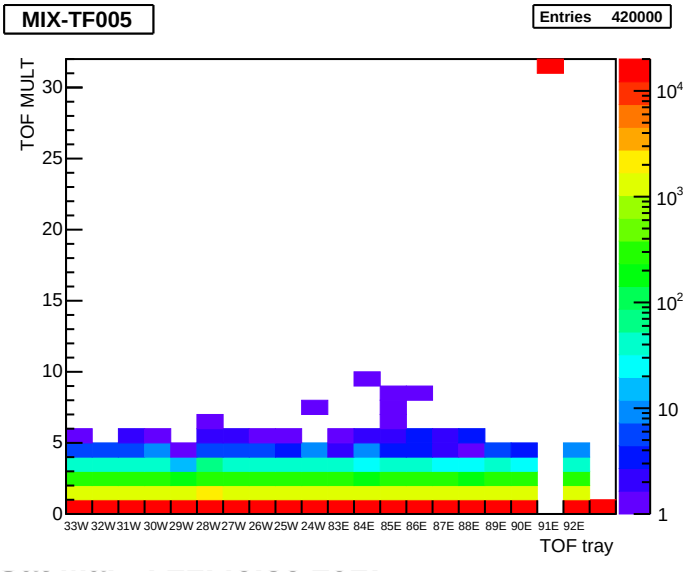

BunchId7Bit (MTD-th2)
Entries 0

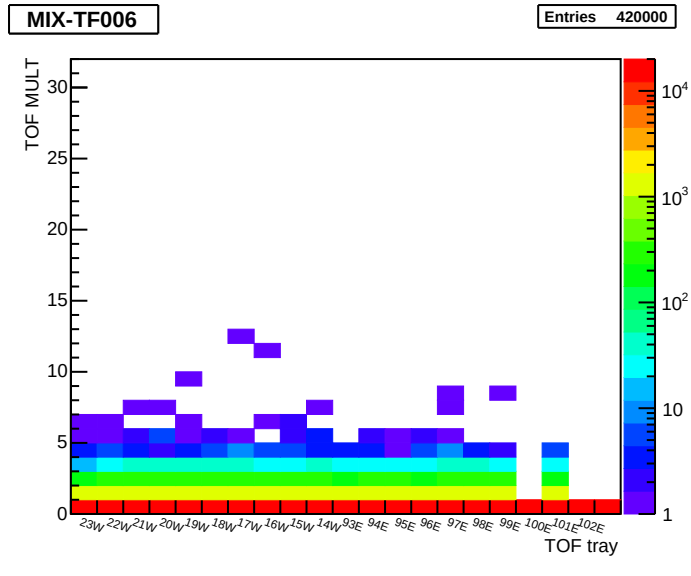

MIX-TF001
Entries 420000
TOF MULT
TOF tray

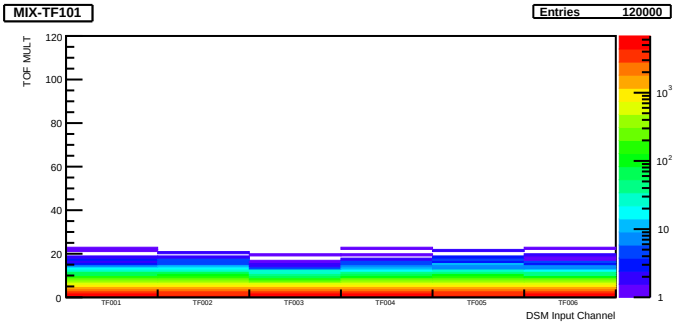

MIX-TF002
Entries 420000
TOF MULT
TOF tray

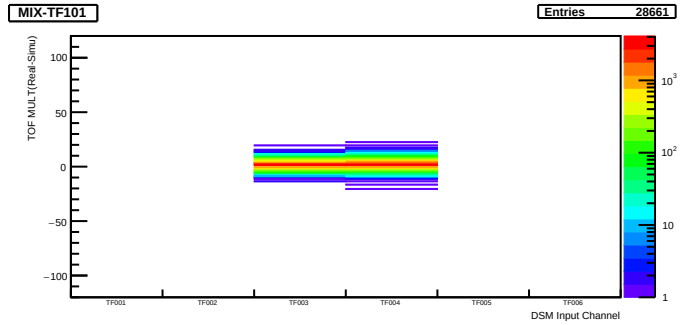

MIX-TF003
Entries 420000
TOF MULT
TOF tray

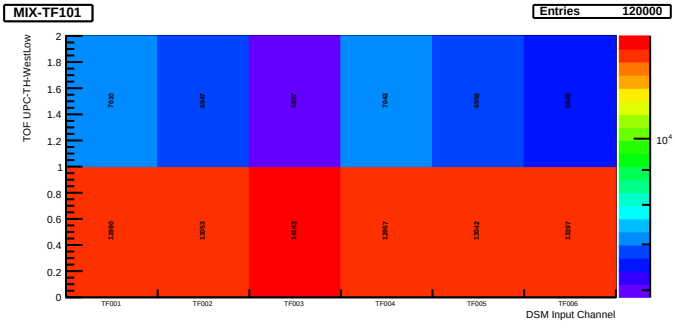

MIX-TF004
Entries 420000
TOF MULT
TOF tray

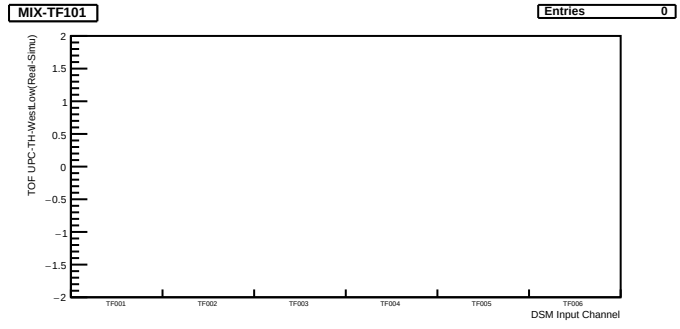

MIX-TF005
Entries 420000
TOF MULT
TOF tray

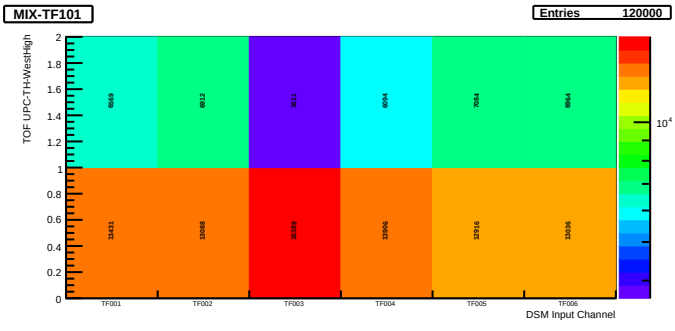

MIX-TF006
Entries 420000
TOF MULT
TOF tray

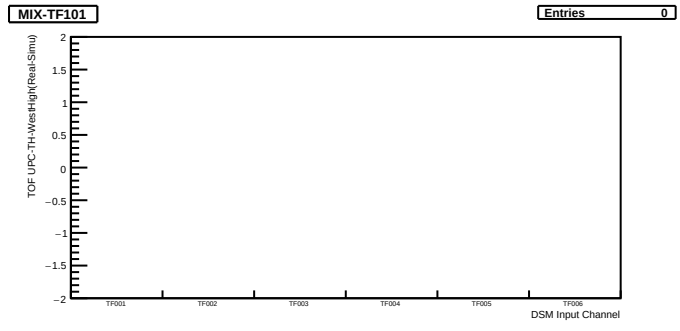

MIX-TF101
Entries 120000
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

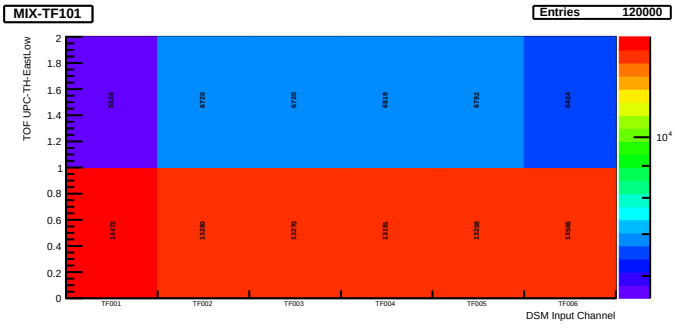

MIX-TF101
Entries 28661
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

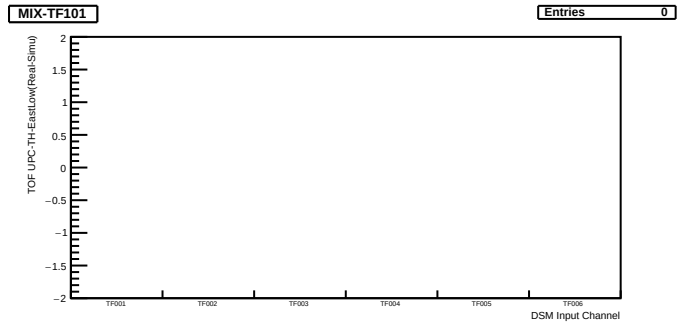

MIX-TF101
Entries 120000
TOF UPC-TH-WestLow
7010
6947
5357
7043
6918
6603
12990
13953
14443
12957
13042
13397
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

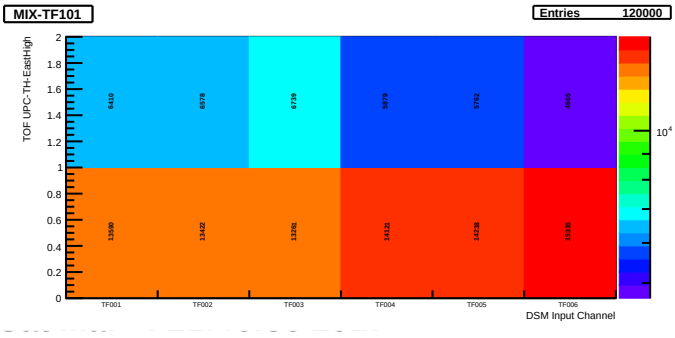

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

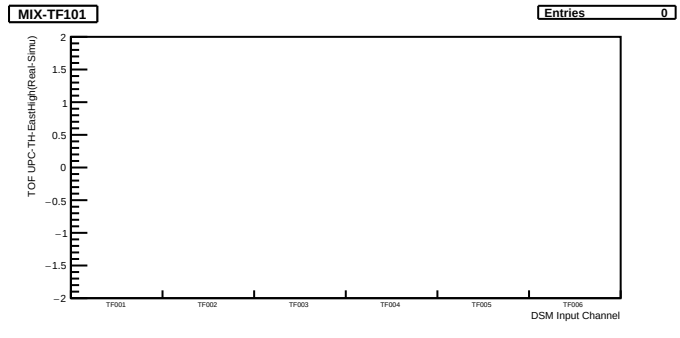

MIX-TF101
Entries 120000
TOF UPC-TH-WestHigh
6869
6812
3011
6094
7084
6864
14431
13988
16389
13996
13916
13936
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

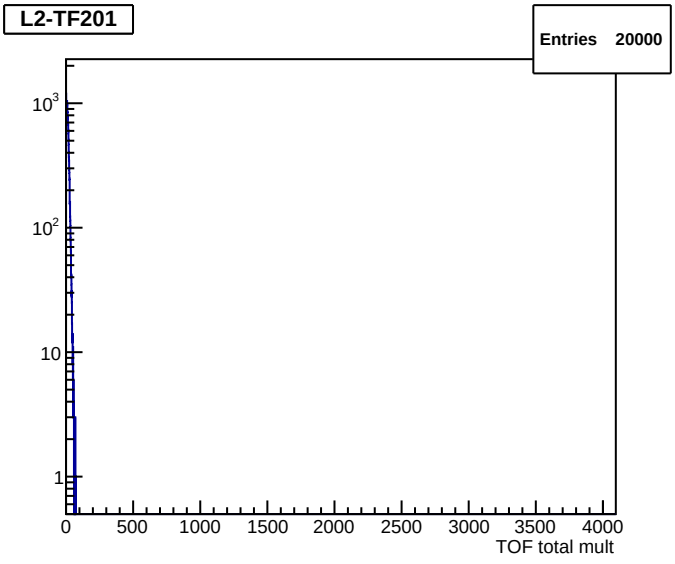

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

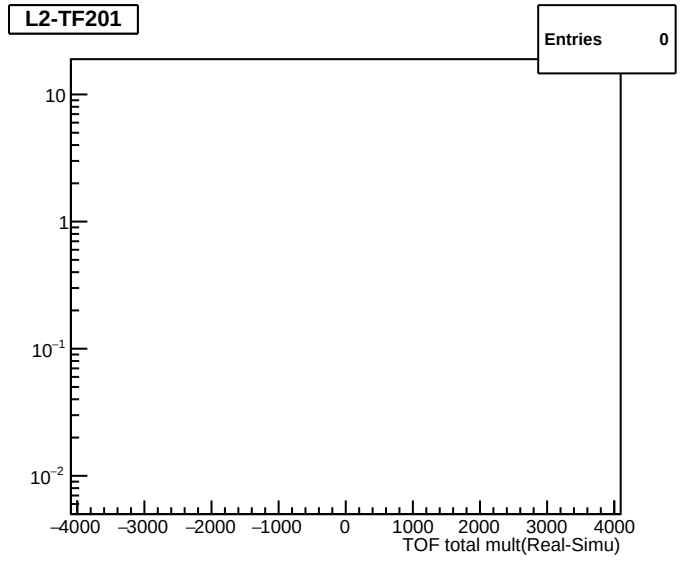

MIX-TF101
Entries 120000
TOF UPC-TH-EastLow
5528
6720
6730
6819
6792
6414
14472
13280
13276
13181
13208
13996
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

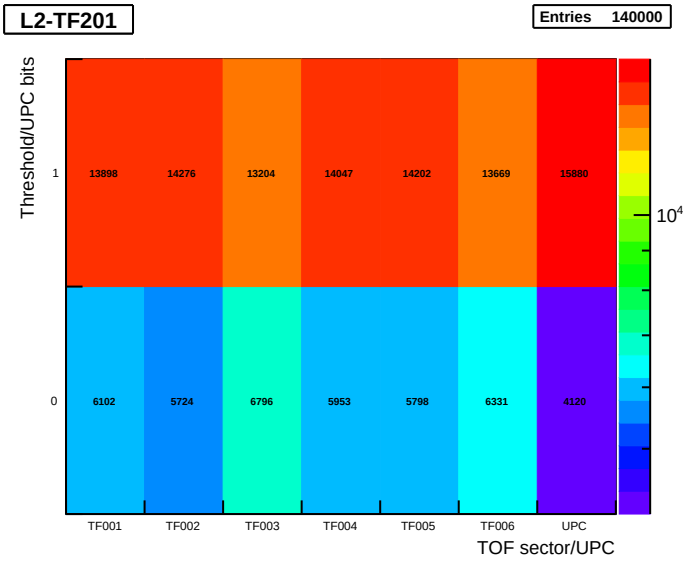

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

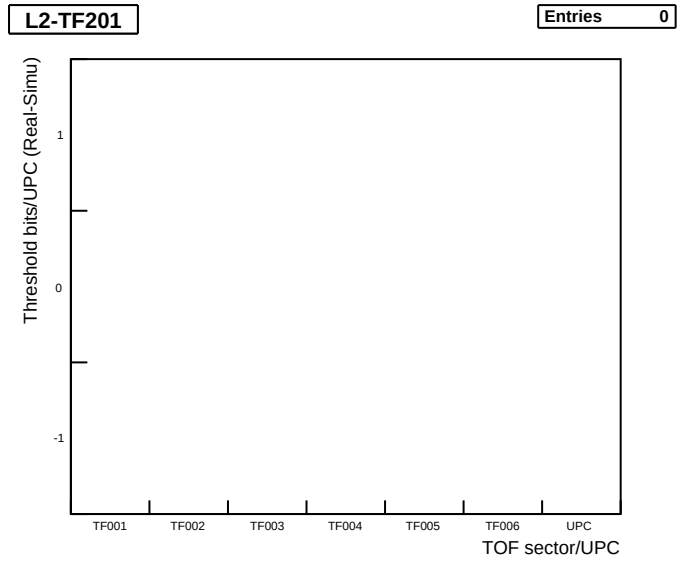

MIX-TF101
Entries 120000
TOF UPC-TH-EastHigh
6410
6978
6739
5879
5762
4665
13590
13422
13281
14121
14238
15135
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

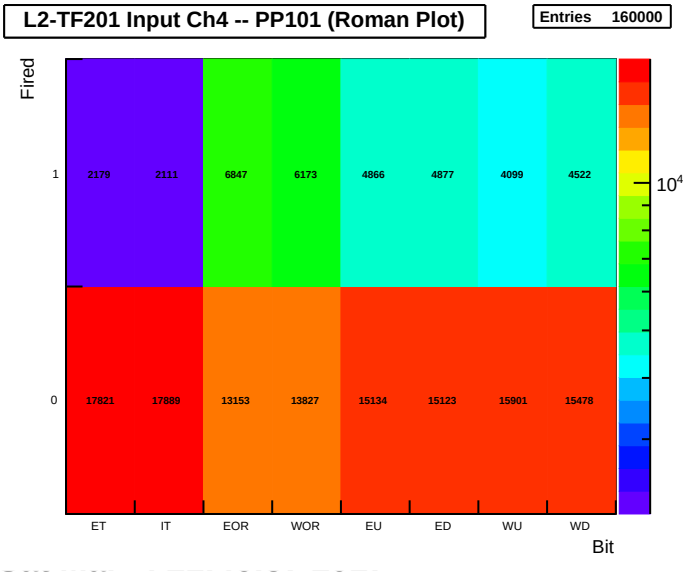

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

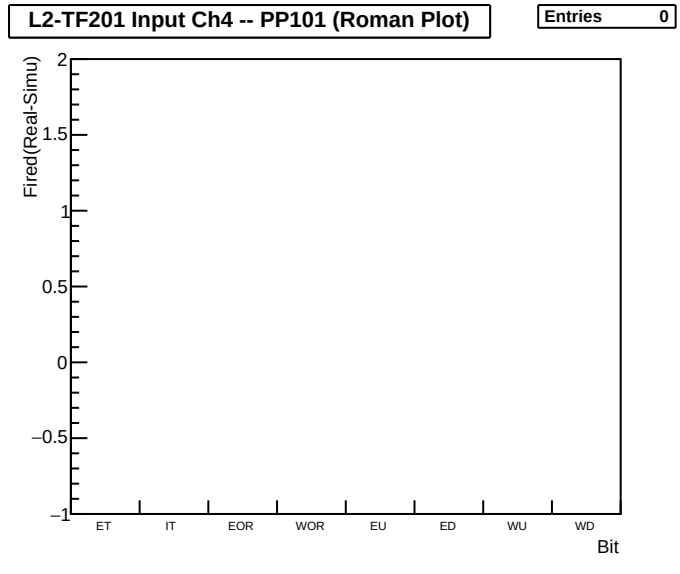

L2-TF201
Entries 20000
TOF total mult

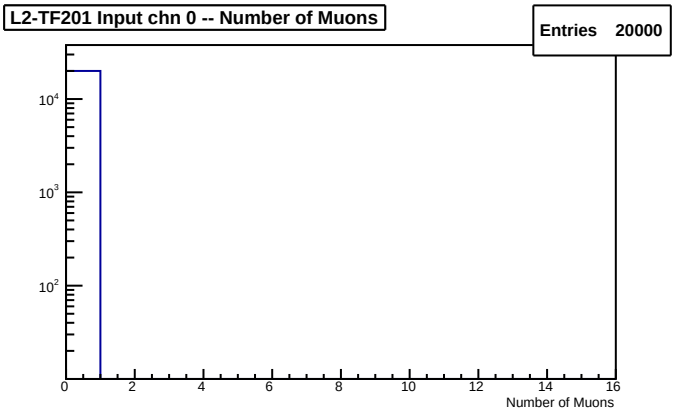

L2-TF201
Entries 0
TOF total mult(Real-Simu)

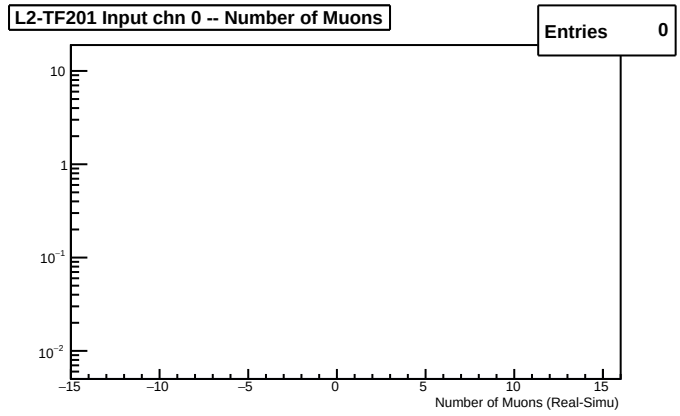

L2-TF201
Entries 140000
Threshold/UPC bits
13898 14276 13204 14047 14202 13669 15880
6102 5724 6796 5953 5798 6331 4120
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

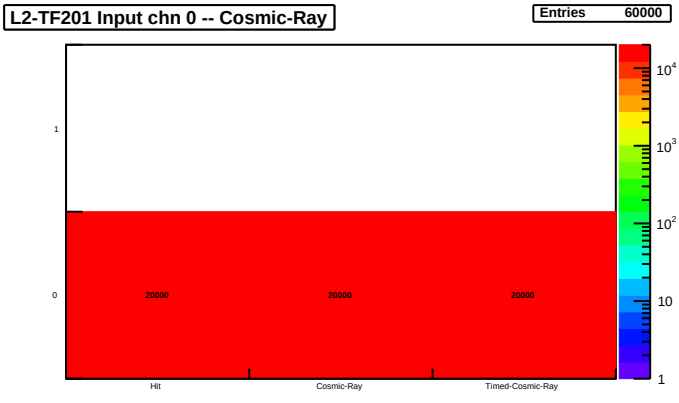

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

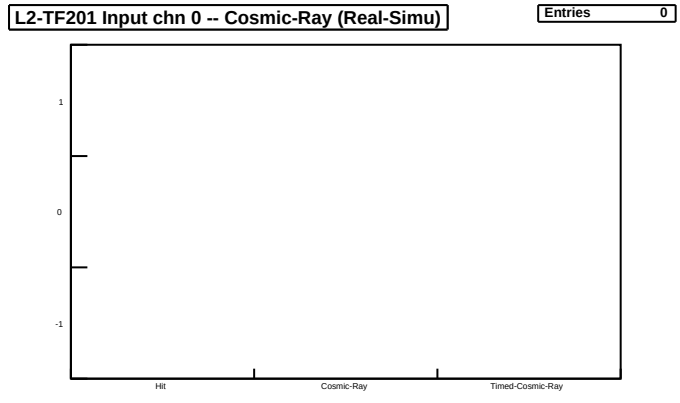

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 160000
Fired
2179 2111 6847 6173 4866 4877 4099 4522
17821 17889 13153 13827 15134 15123 15901 15478
ET IT EOR WOR EU ED WU WD
Bit

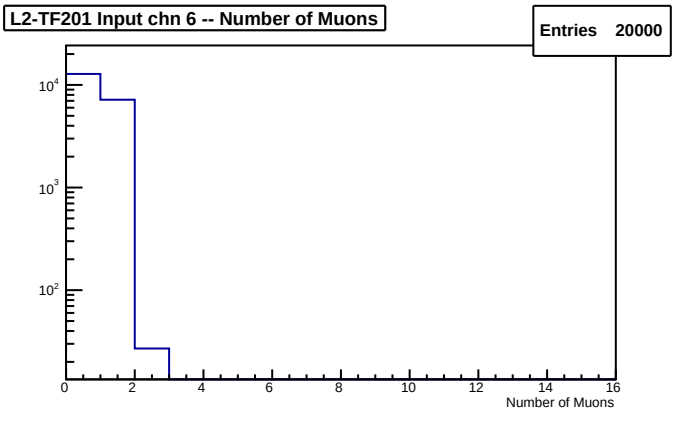

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

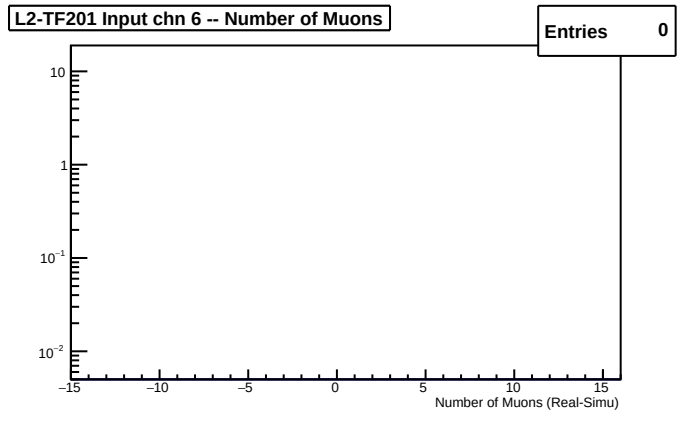

L2-TF201 Input chn 0 -- Number of Muons
Entries 20000
Number of Muons

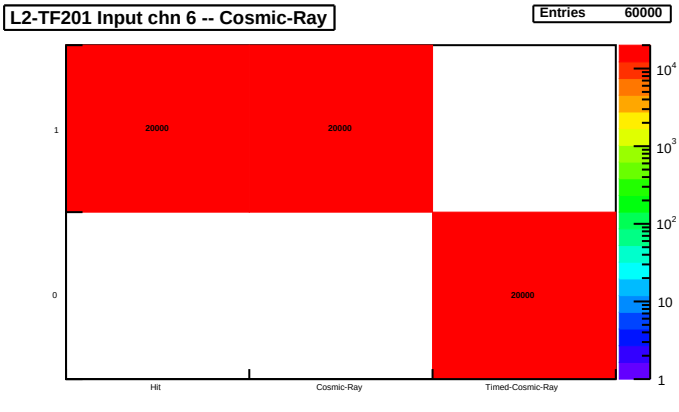

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

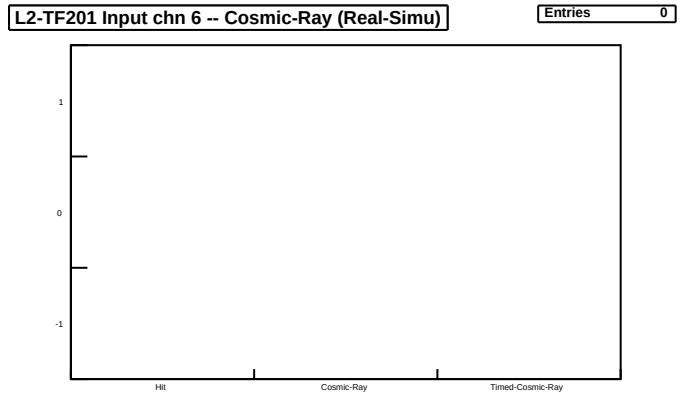

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 60000
20000
20000
20000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

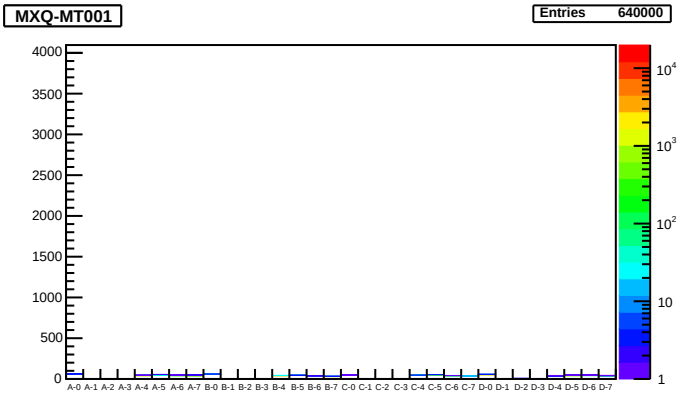

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

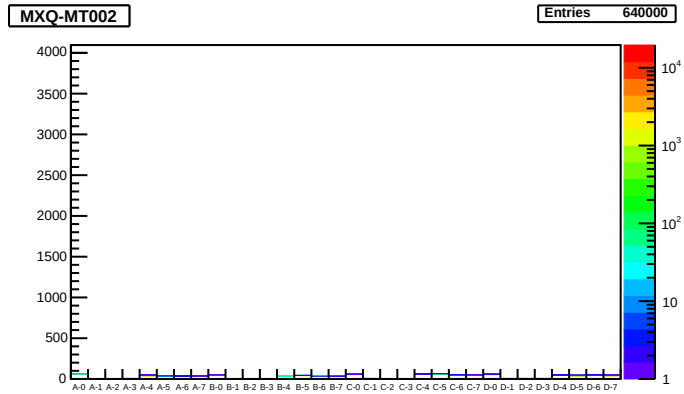

L2-TF201 Input chn 6 -- Number of Muons
Entries 20000
Number of Muons

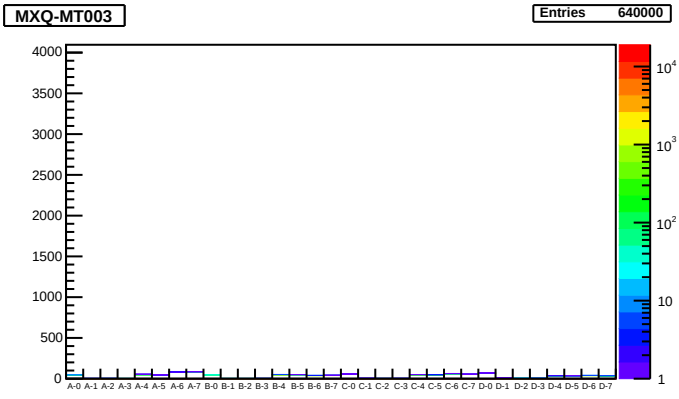

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

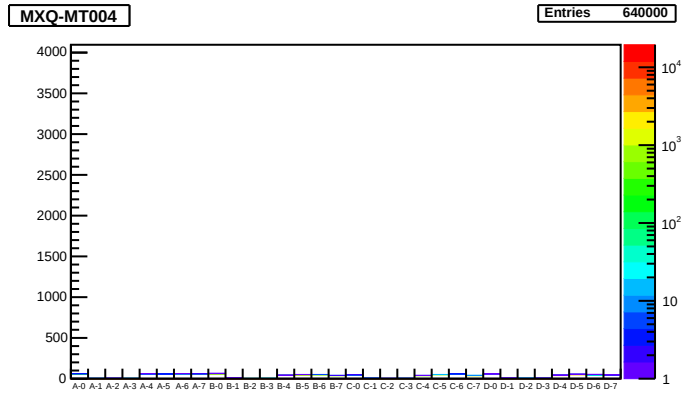

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 60000
20000
20000
20000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

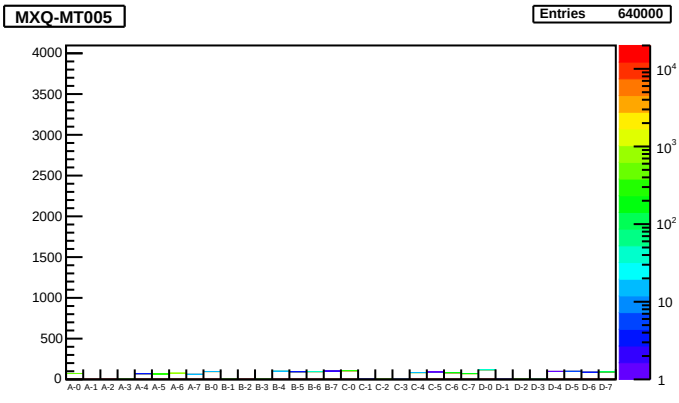

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

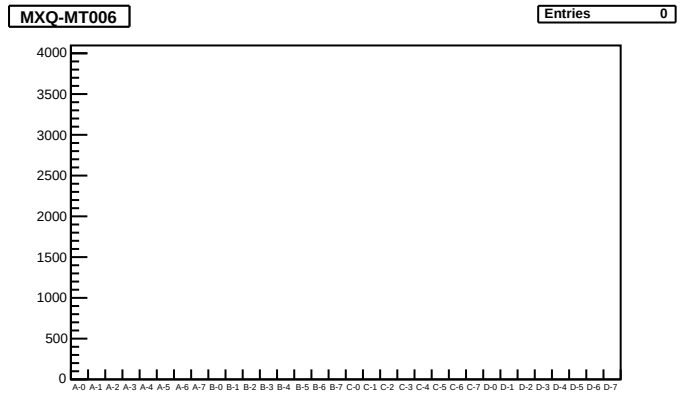

MXQ-MT001
Entries 640000

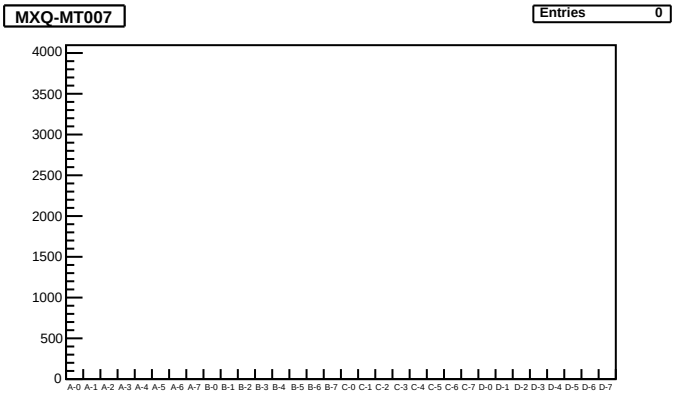

MXQ-MT002
Entries 640000

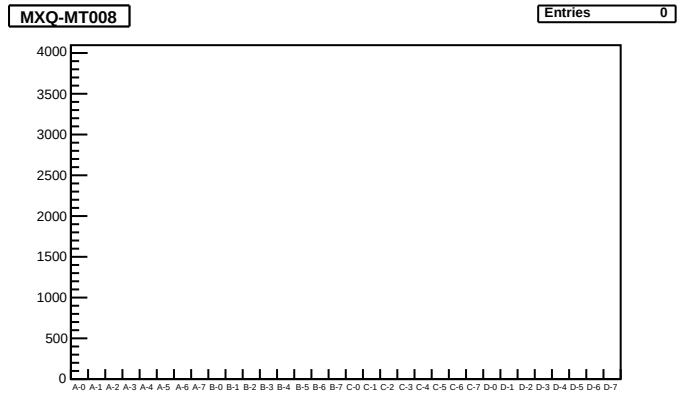

MXQ-MT003
Entries 640000

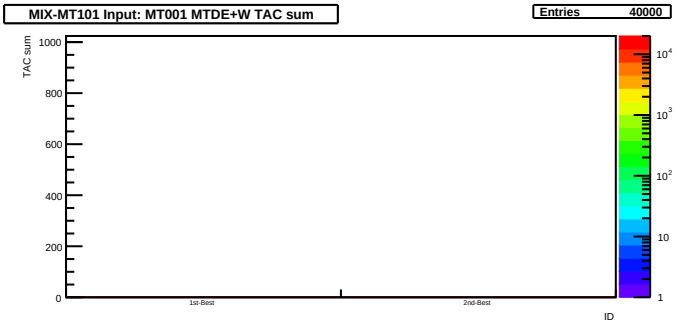

MXQ-MT004
Entries 640000

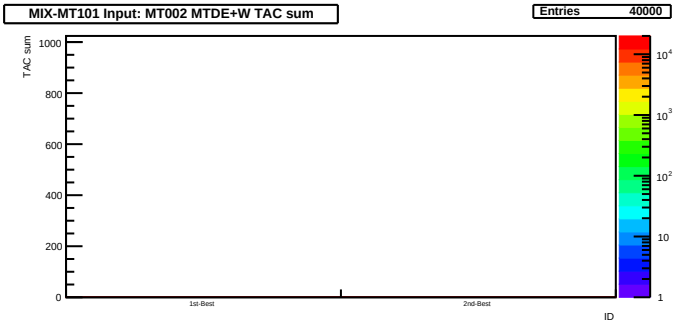

MXQ-MT005
Entries 640000

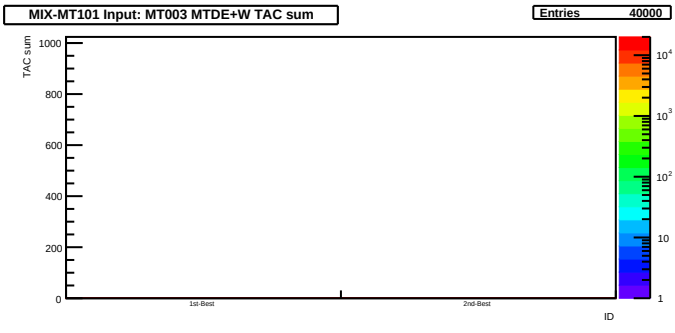

MXQ-MT006
Entries 0

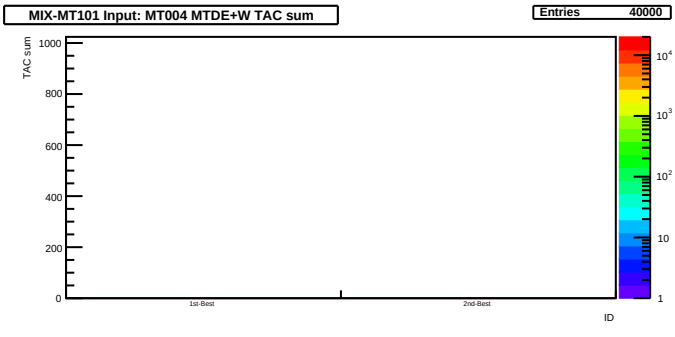

MXQ-MT007
Entries 0

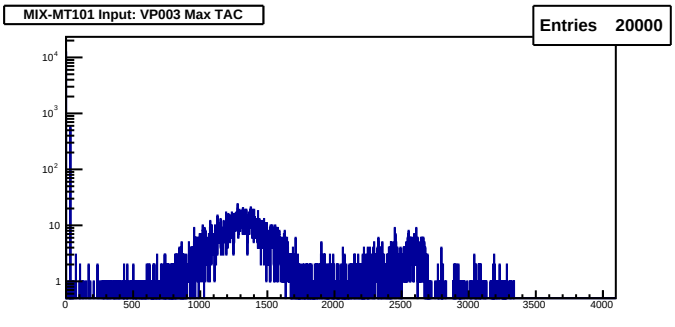

MXQ-MT008
Entries 0

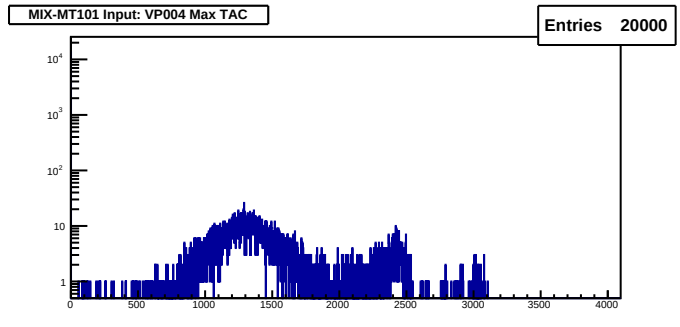

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

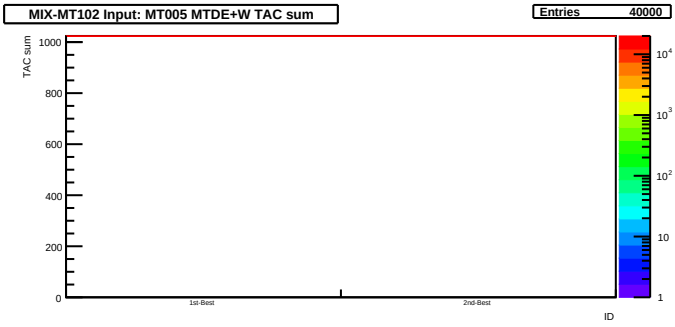

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

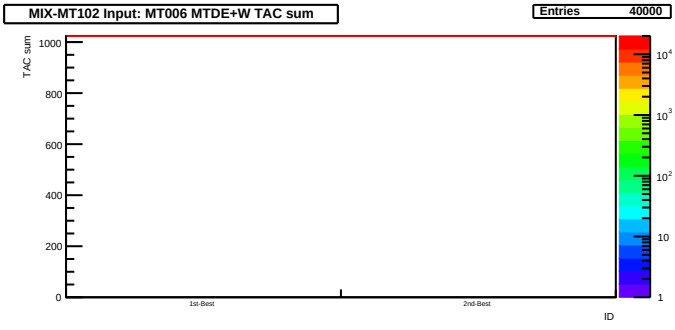

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

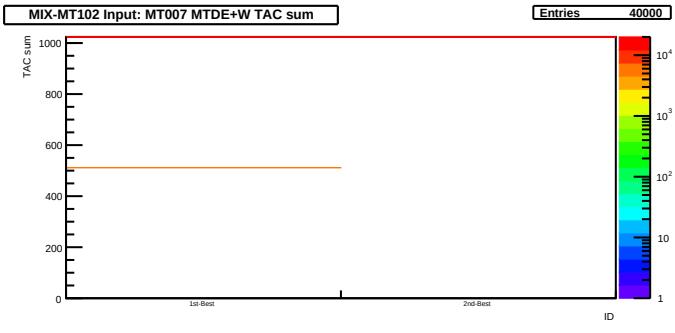

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

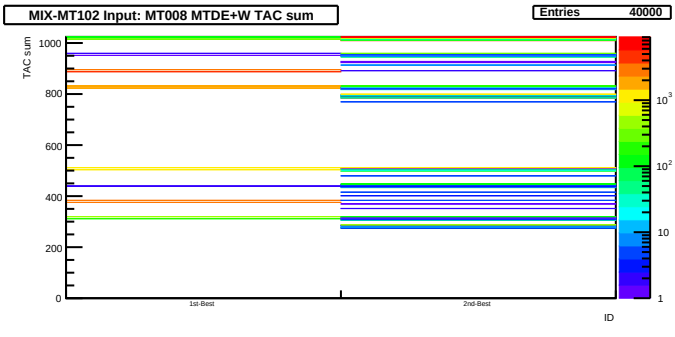

MIX-MT101 Input: VP003 Max TAC
Entries 20000

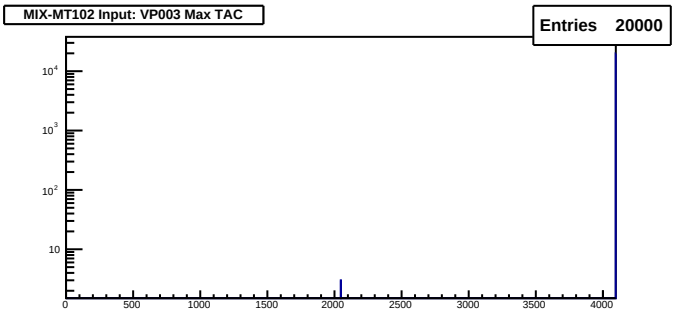

MIX-MT101 Input: VP004 Max TAC
Entries 20000

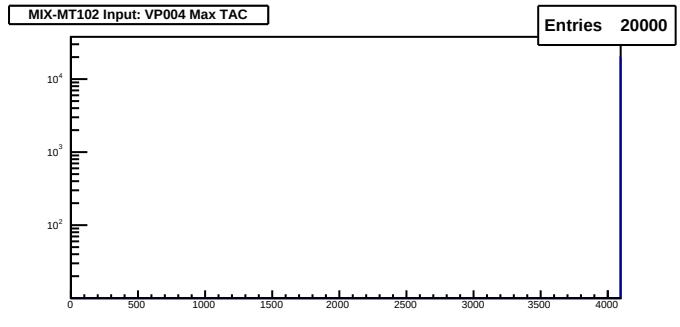

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

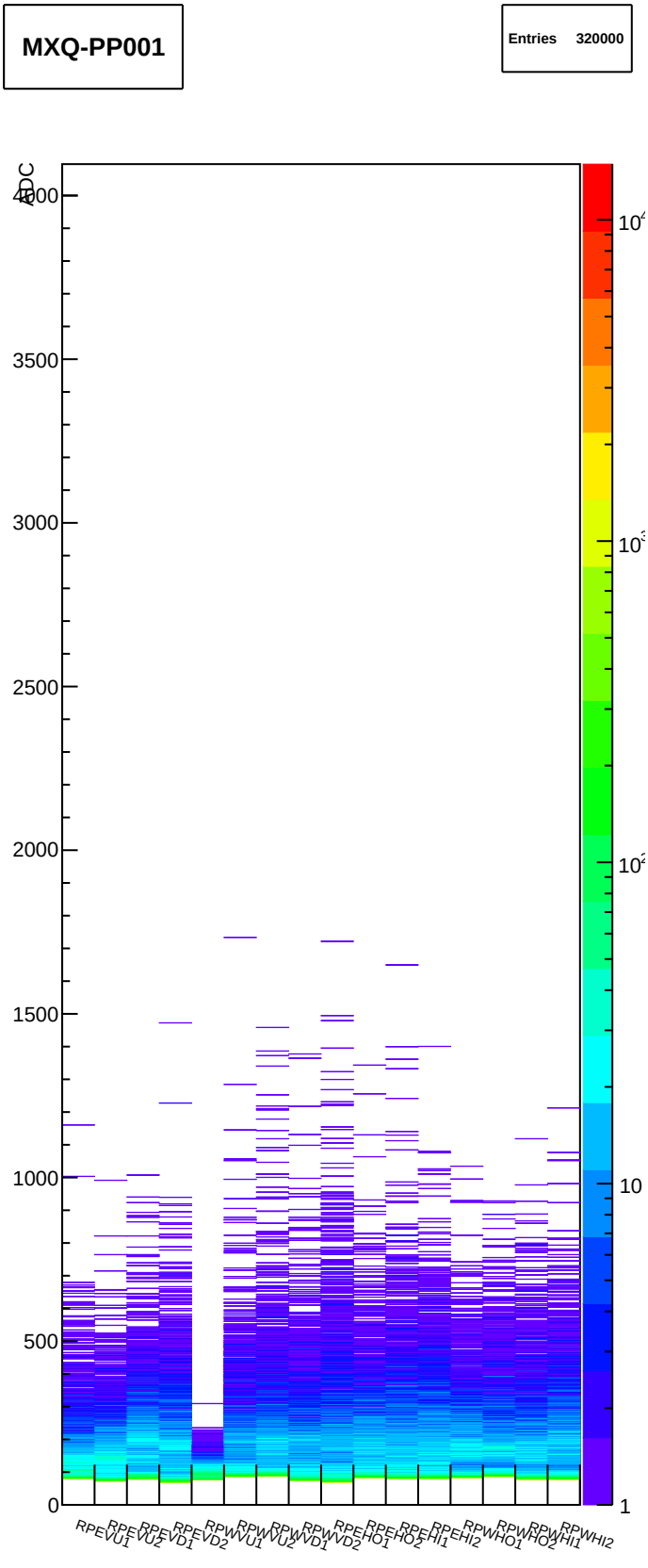

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

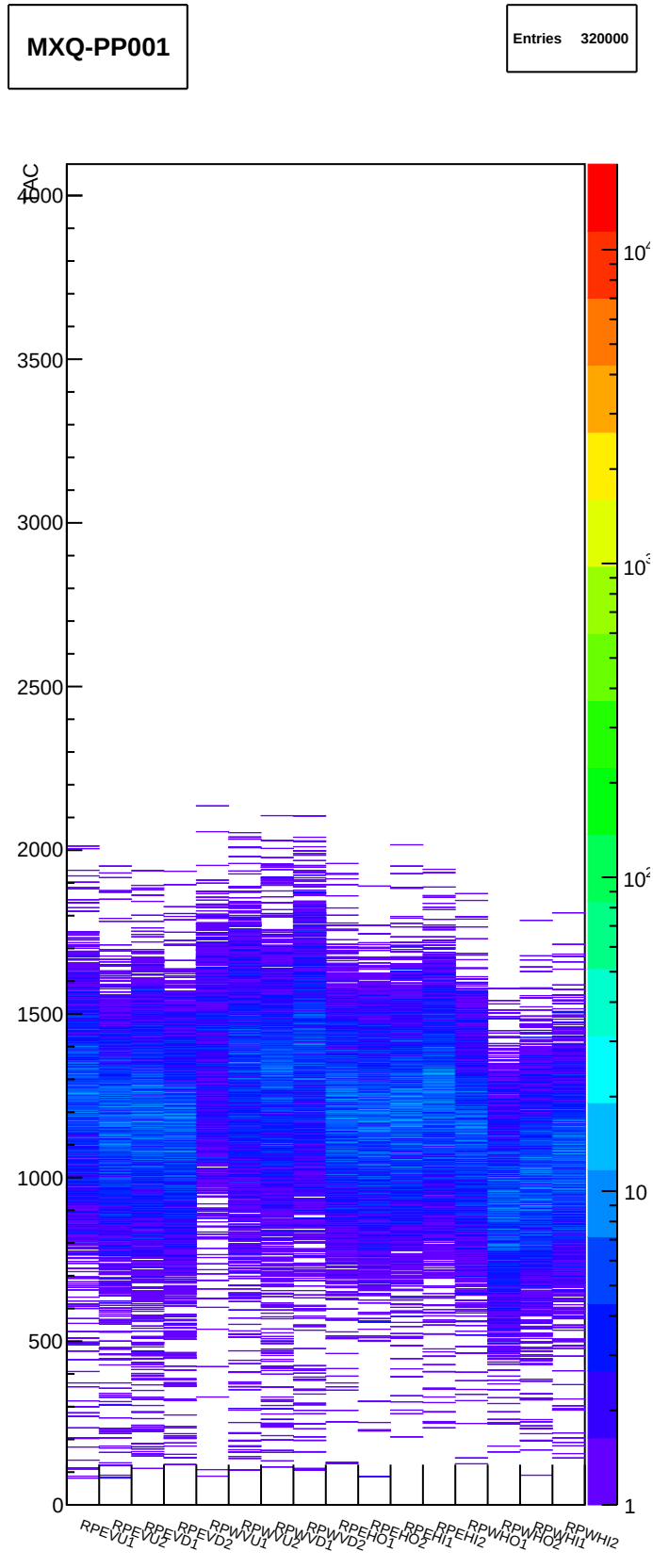

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

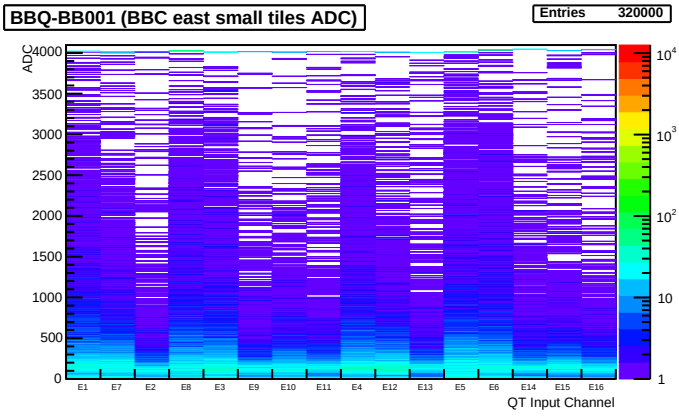

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

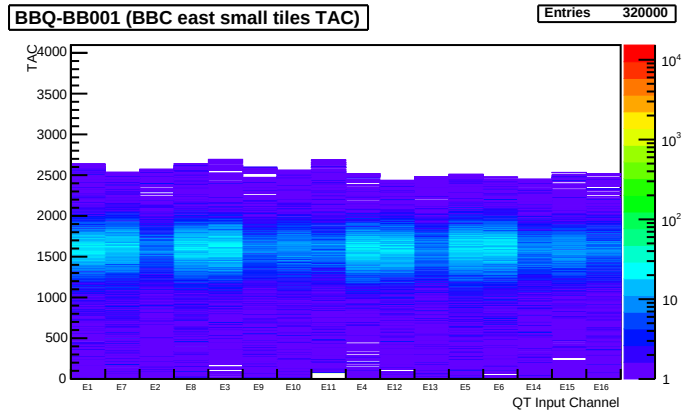

MIX-MT102 Input: VP003 Max TAC
Entries 20000

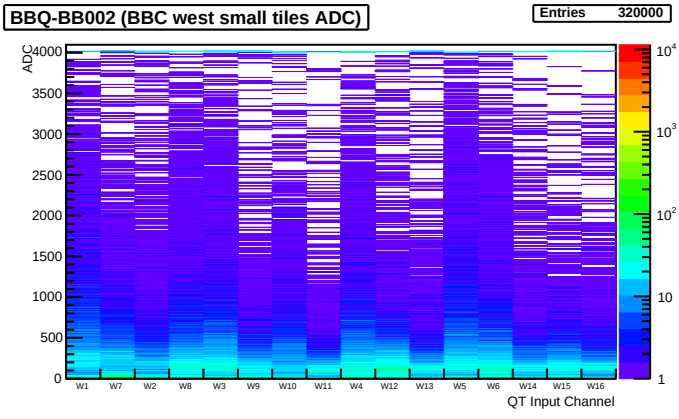

MIX-MT102 Input: VP004 Max TAC
Entries 20000

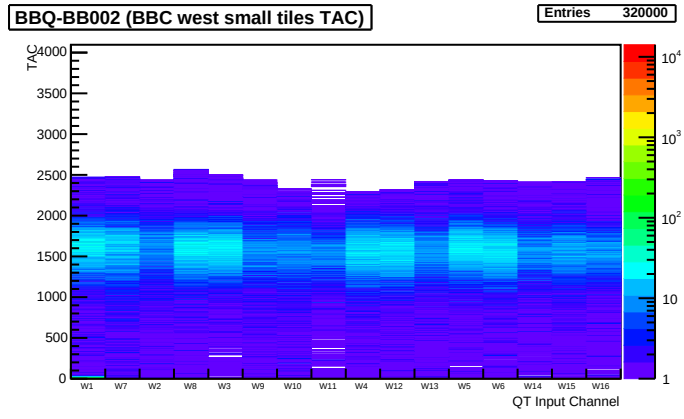

MXQ-PP001
Entries 320000
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

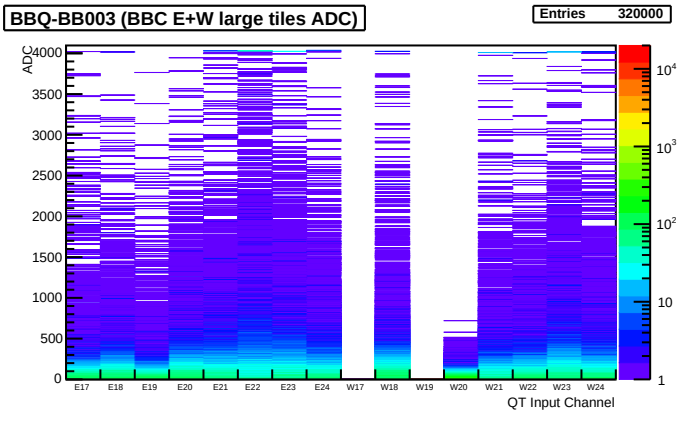

MXQ-PP001
Entries 320000
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

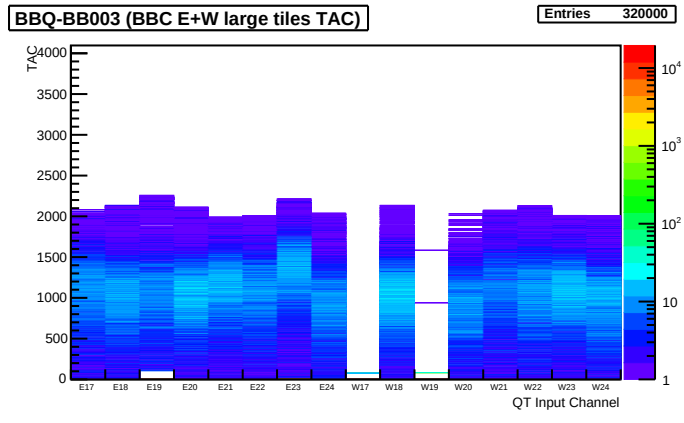

BBQ-BB001 (BBC east small tiles ADC)
Entries 320000
ADC
QT Input Channel

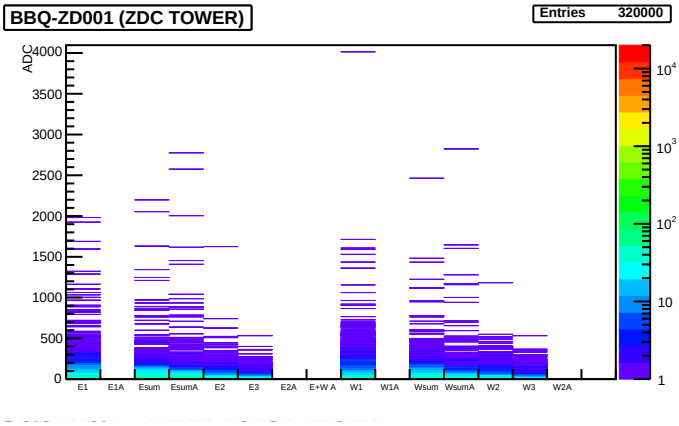

BBQ-BB001 (BBC east small tiles TAC)
Entries 320000
TAC
QT Input Channel

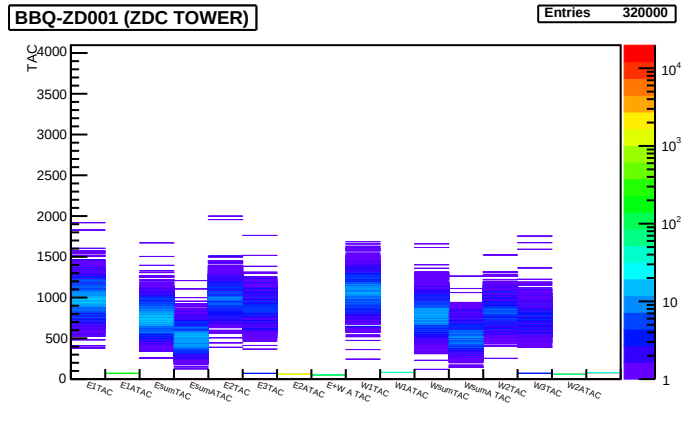

BBQ-BB002 (BBC west small tiles ADC)
Entries 320000
ADC
QT Input Channel

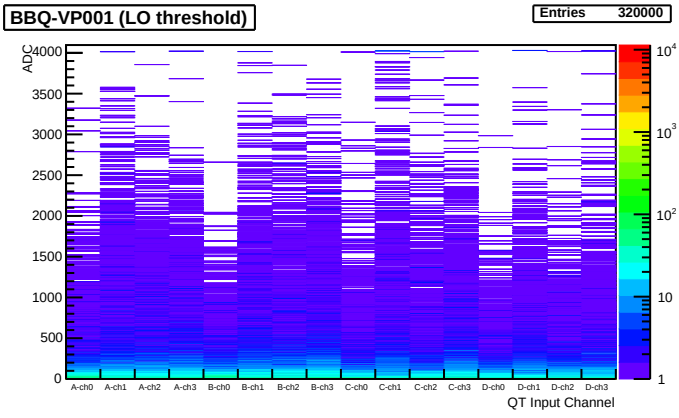

BBQ-BB002 (BBC west small tiles TAC)
Entries 320000
TAC
QT Input Channel

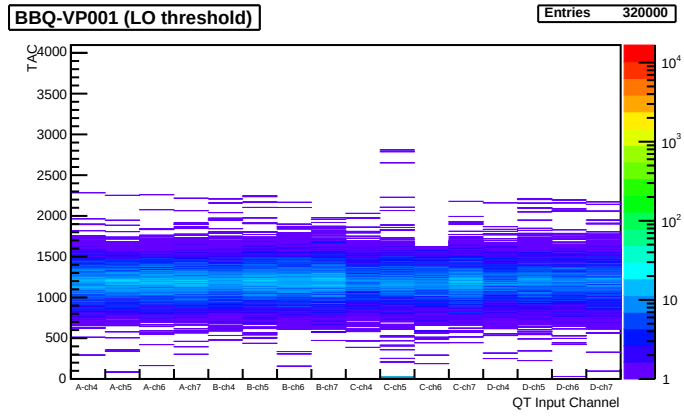

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 320000
ADC
QT Input Channel

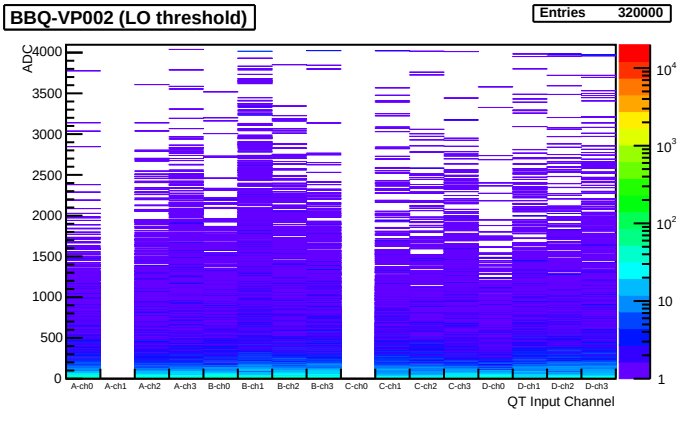

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 320000
TAC
QT Input Channel

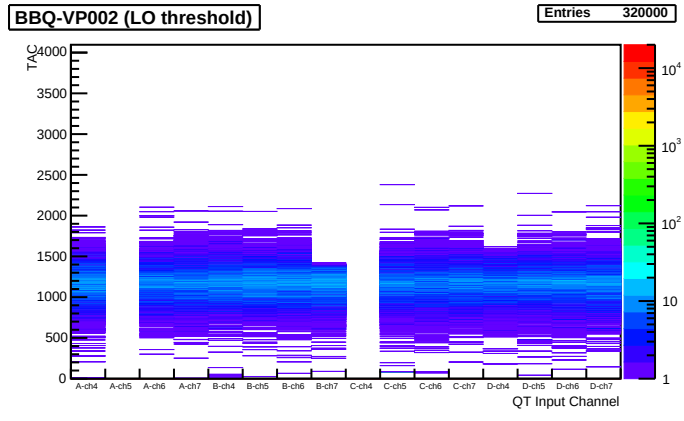

BBQ-ZD001 (ZDC TOWER)
Entries 320000
ADC

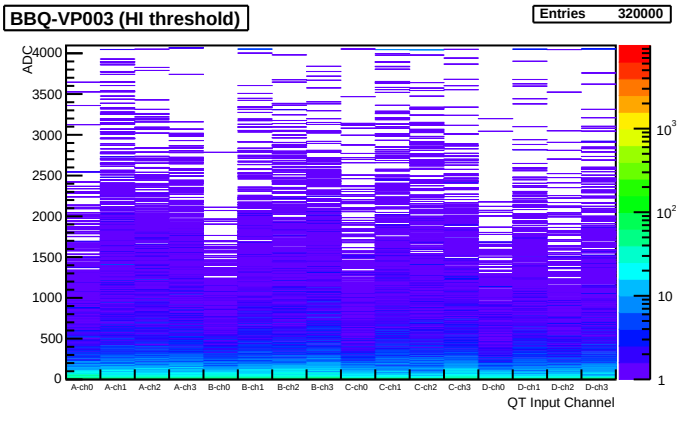

BBQ-ZD001 (ZDC TOWER)
Entries 320000
TAC

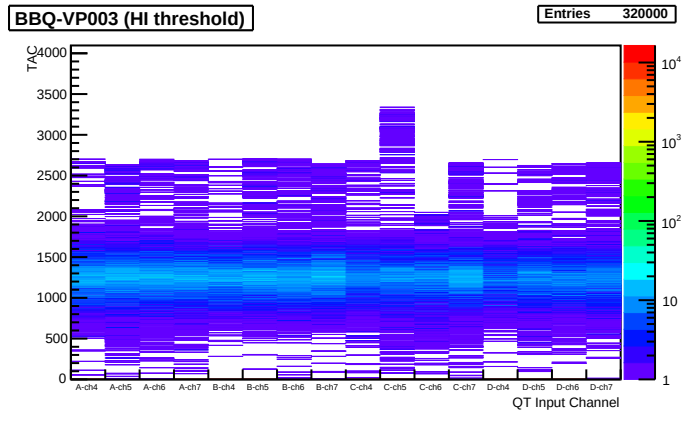

BBQ-VP001 (LO threshold)
Entries 320000
ADC
QT Input Channel

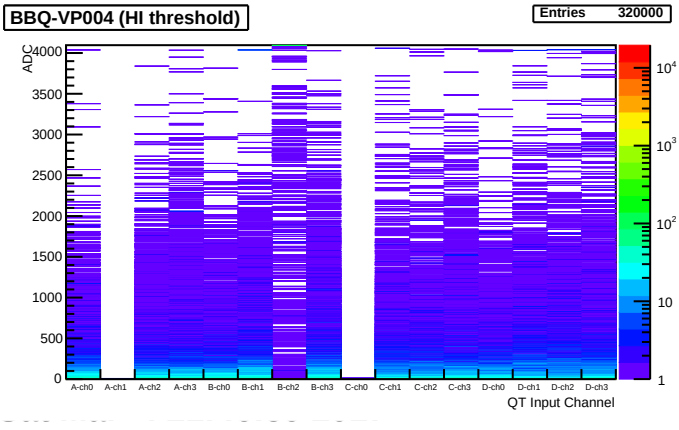

BBQ-VP001 (LO threshold)
Entries 320000
TAC
QT Input Channel

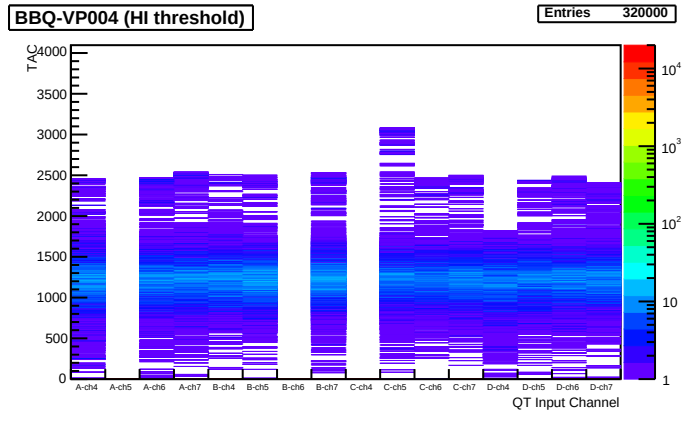

BBQ-VP002 (LO threshold)
Entries 320000
ADC
QT Input Channel

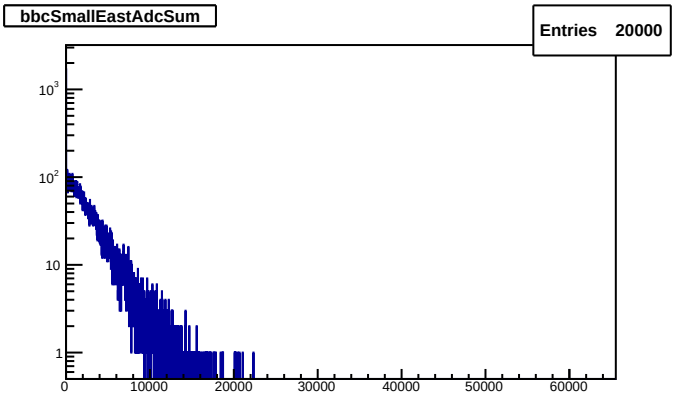

BBQ-VP002 (LO threshold)
Entries 320000
TAC
QT Input Channel

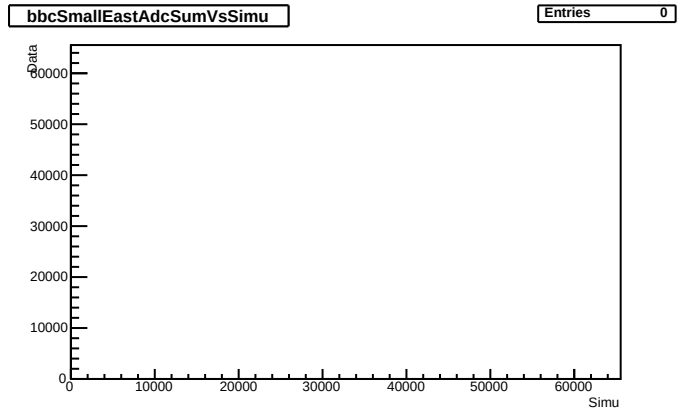

BBQ-VP003 (HI threshold)
Entries 320000
ADC
QT Input Channel

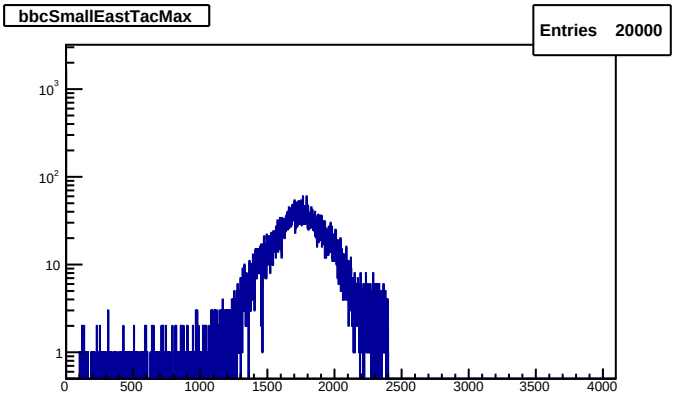

BBQ-VP003 (HI threshold)
Entries 320000
TAC
QT Input Channel

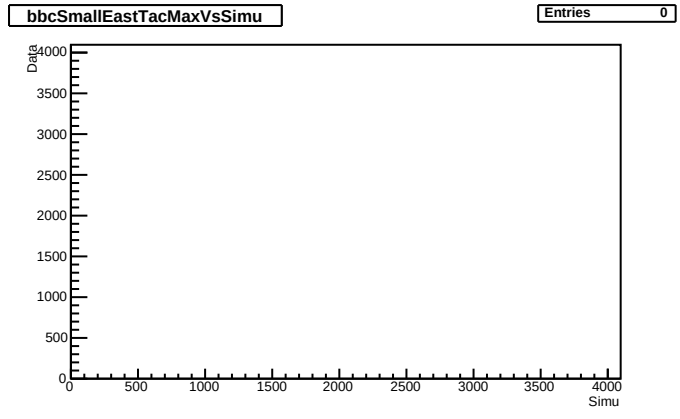

BBQ-VP004 (HI threshold)
Entries 320000
ADC
QT Input Channel

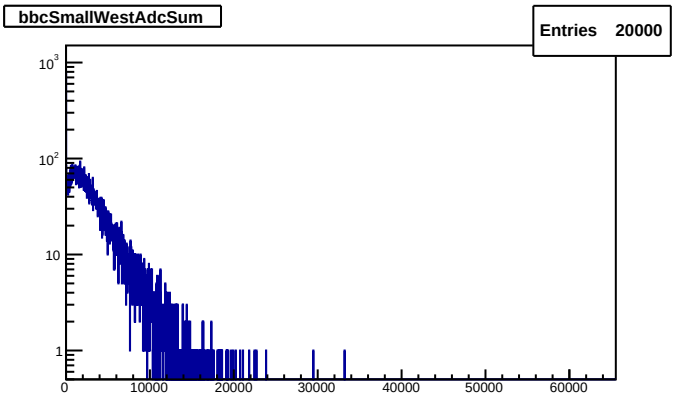

BBQ-VP004 (HI threshold)
Entries 320000
TAC
QT Input Channel

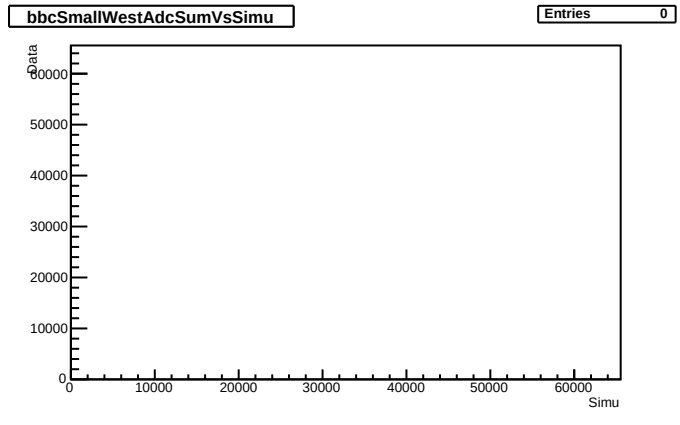

bbcSmallEastAdcSum
Entries 20000

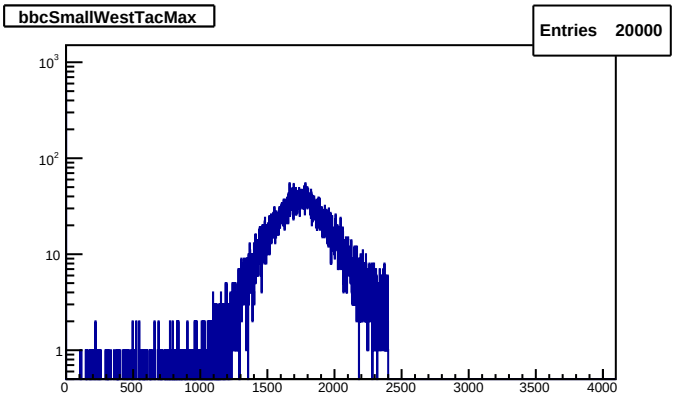

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

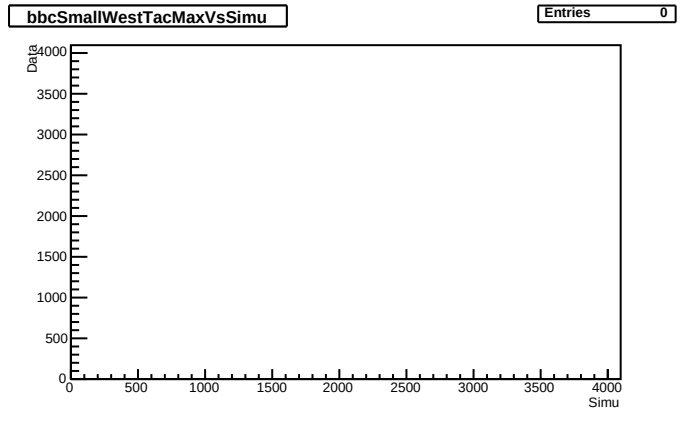

bbcSmallEastTacMax
Entries 20000

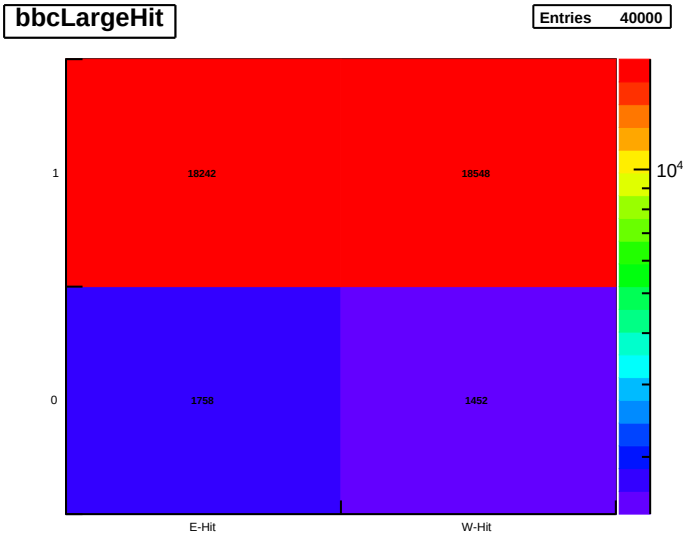

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

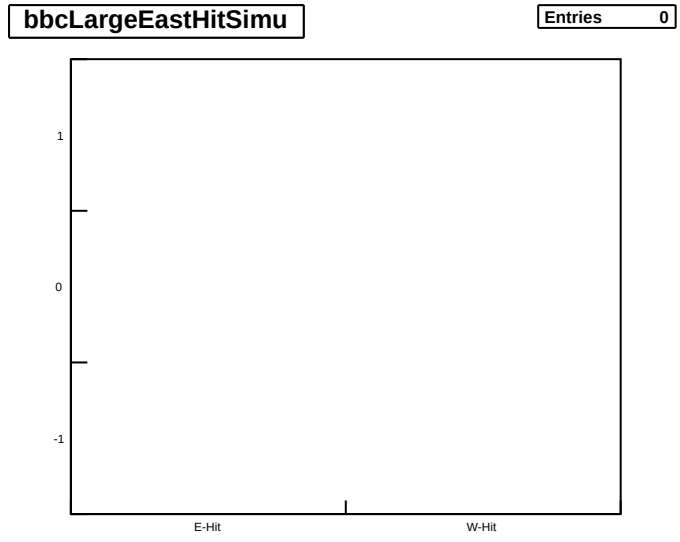

bbcSmallWestAdcSum
Entries 20000

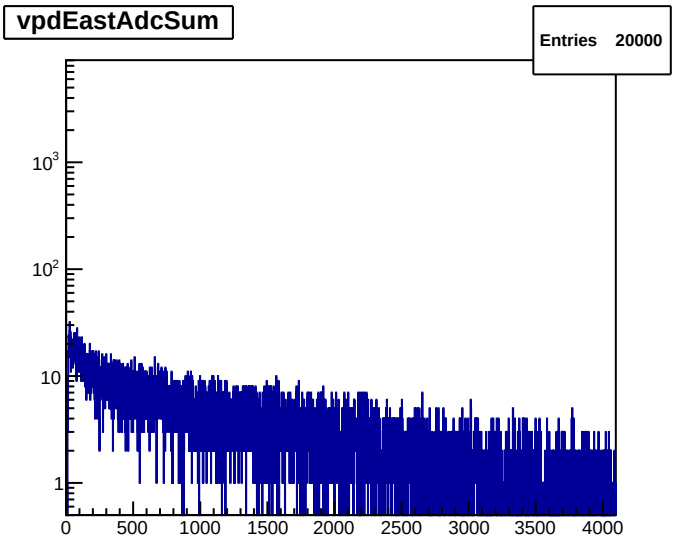

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

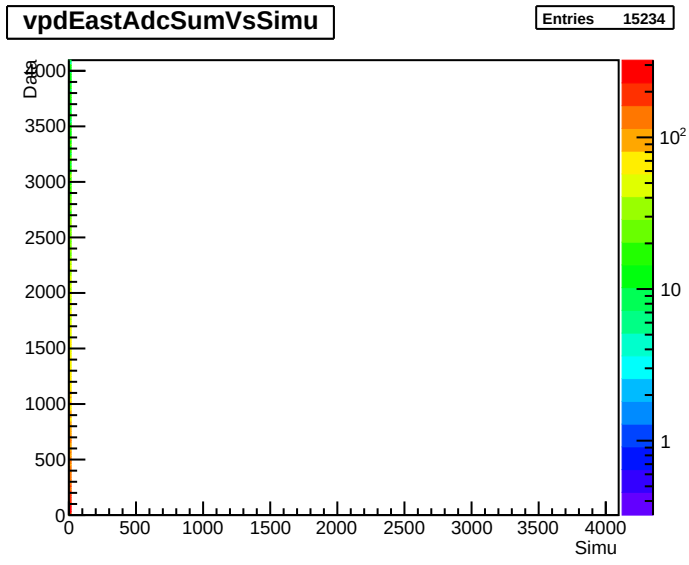

bbcSmallWestTacMax
Entries 20000

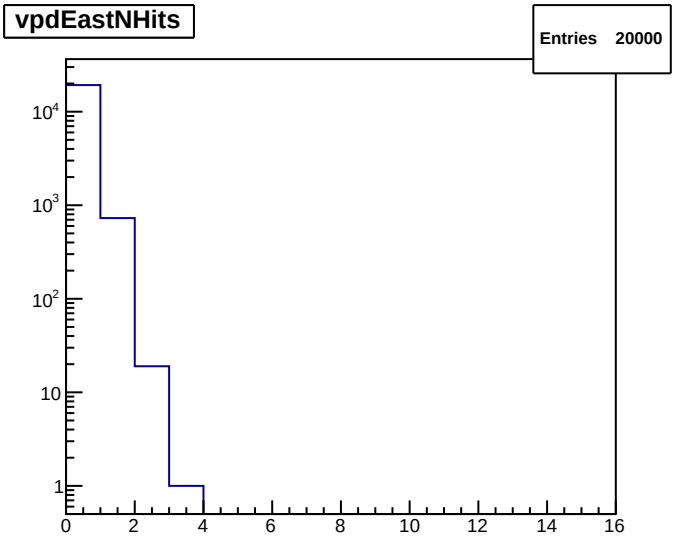

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

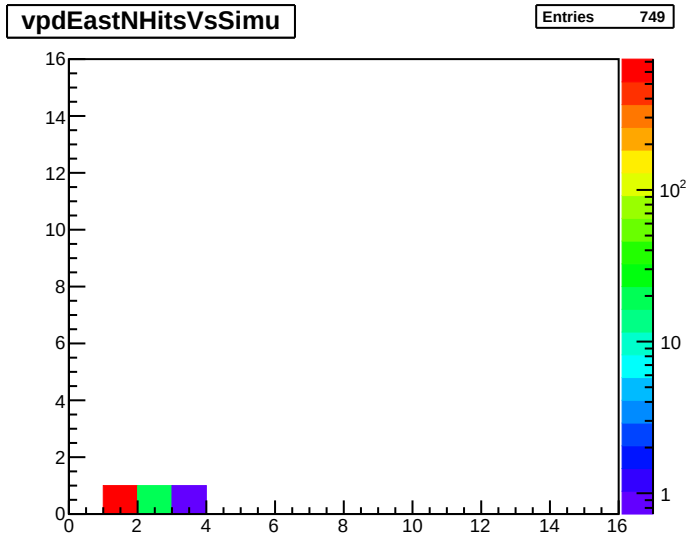

bbcLargeHit
Entries 40000
1
0
18242
18548
1758
1452
E-Hit
W-Hit
10^4

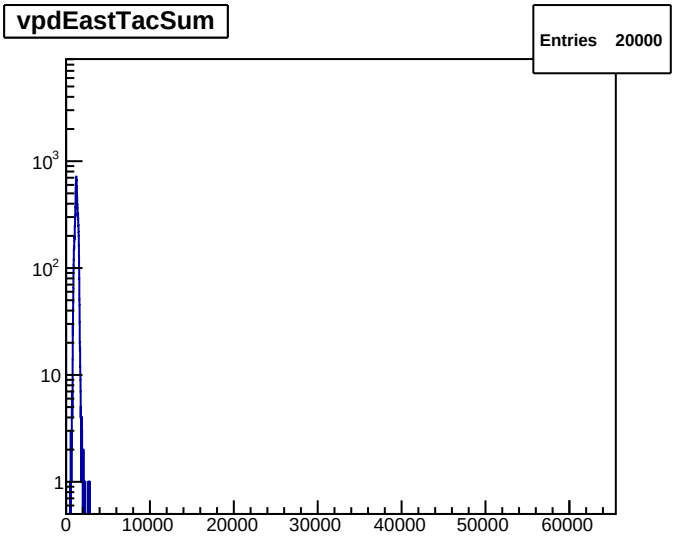

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

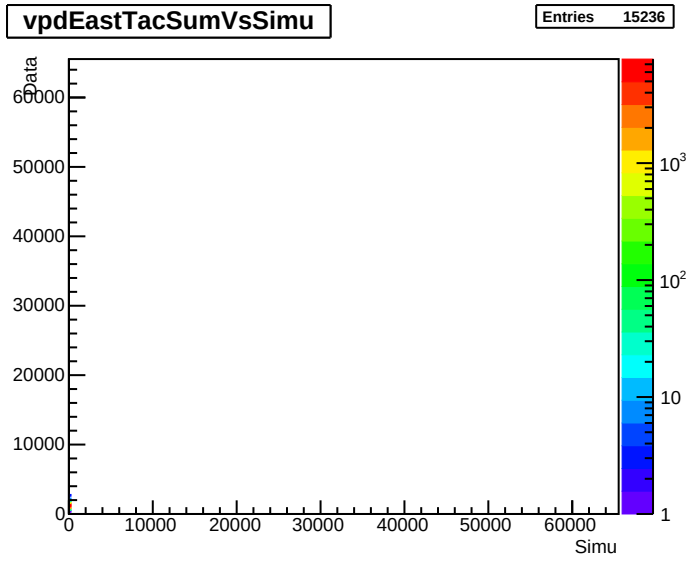

vpdEastAdcSum
Entries 20000

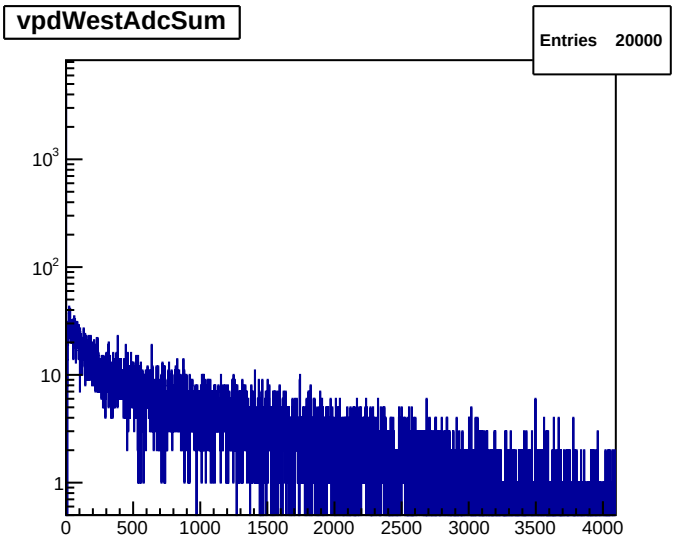

vpdEastAdcSumVsSimu
Entries 15234
Data
Simu

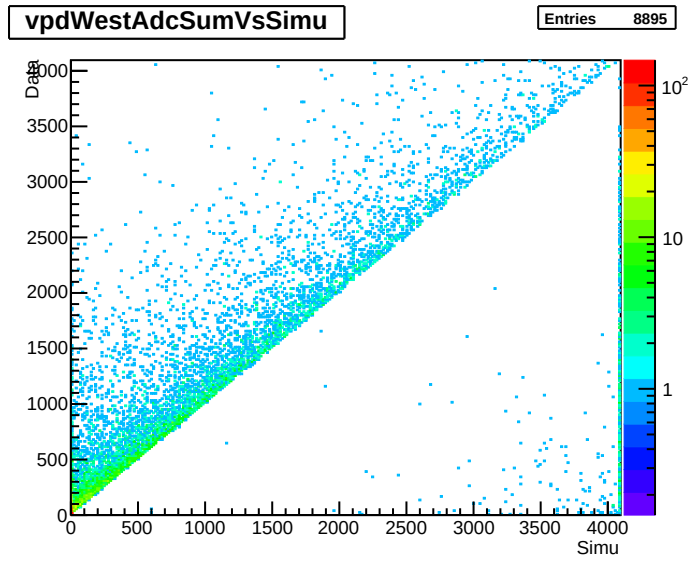

vpdEastNHits
Entries 20000

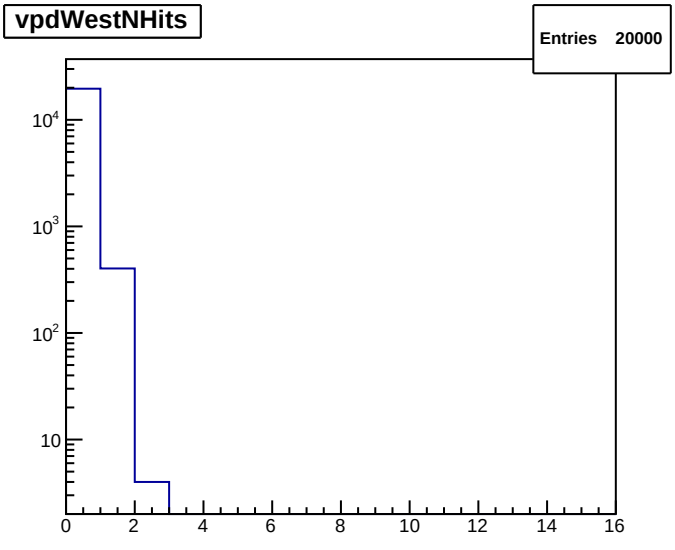

vpdEastNHitsVsSimu
Entries 749

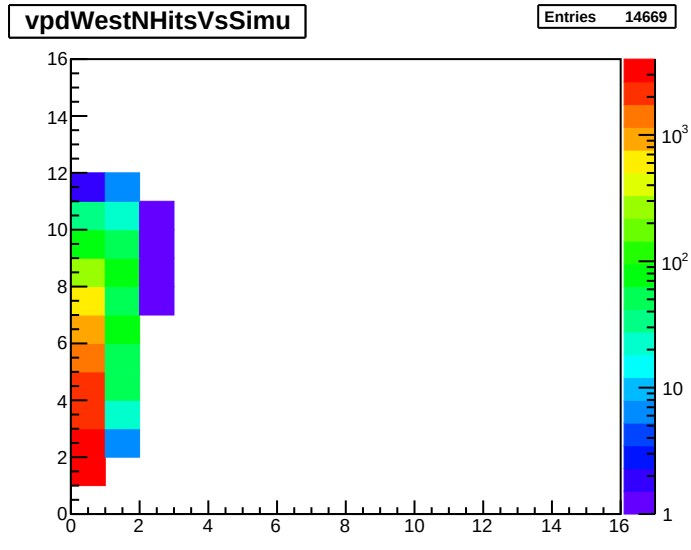

vpdEastTacSum
Entries 20000

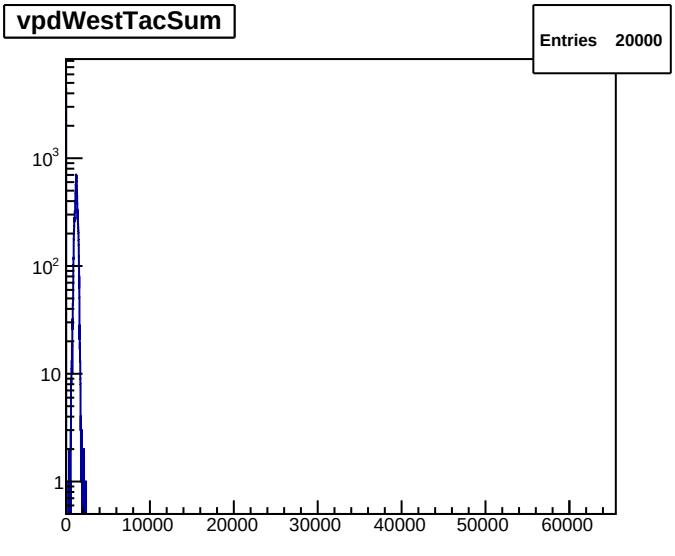

vpdEastTacSumVsSimu
Entries 15236
Data
Simu

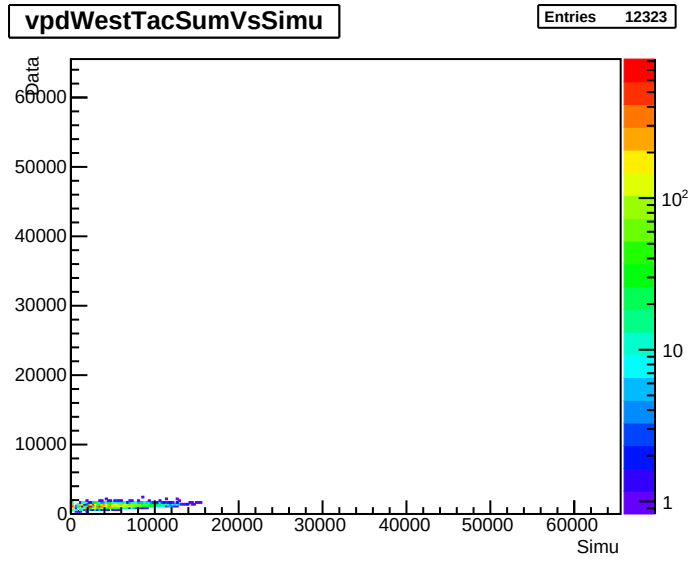

vpdWestAdcSum
Entries 20000

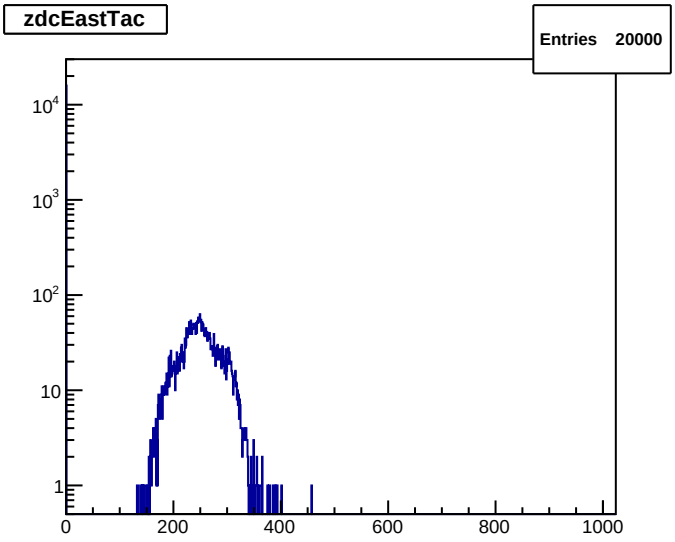

vpdWestAdcSumVsSimu
Entries 8895
Data
Simu

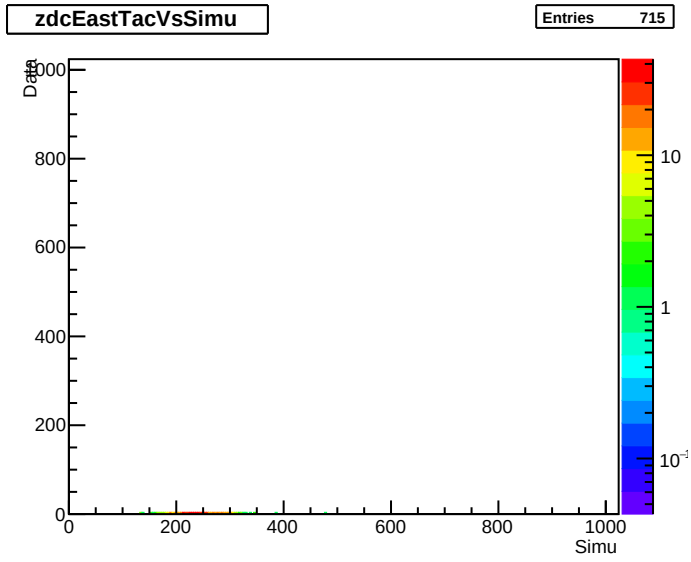

vpdWestNHits
Entries 20000

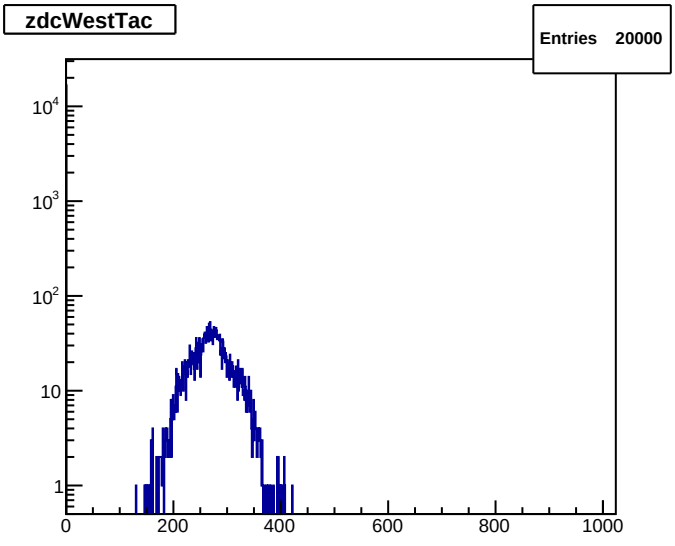

vpdWestNHitsVsSimu
Entries 14669

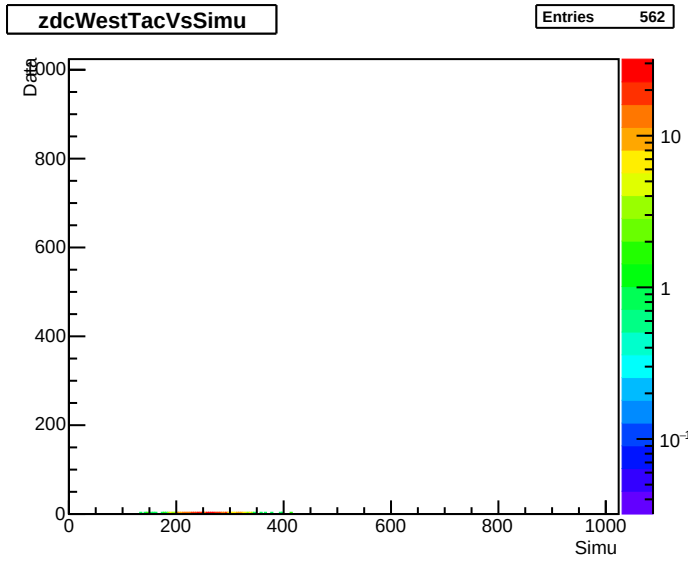

vpdWestTacSum
Entries 20000

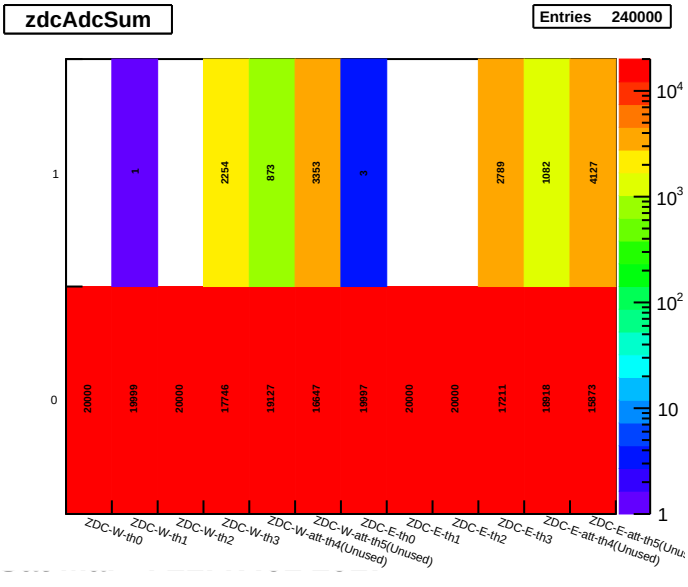

vpdWestTacSumVsSimu
Entries 12323
Data
Simu

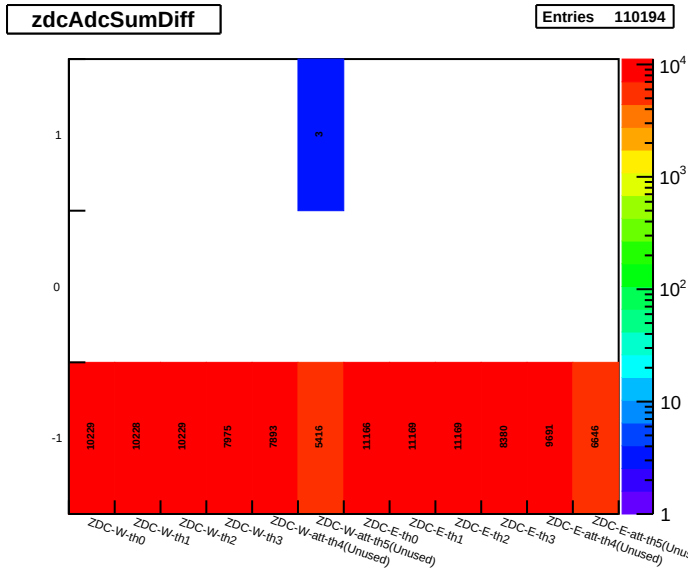

zdcEastTac
Entries 20000

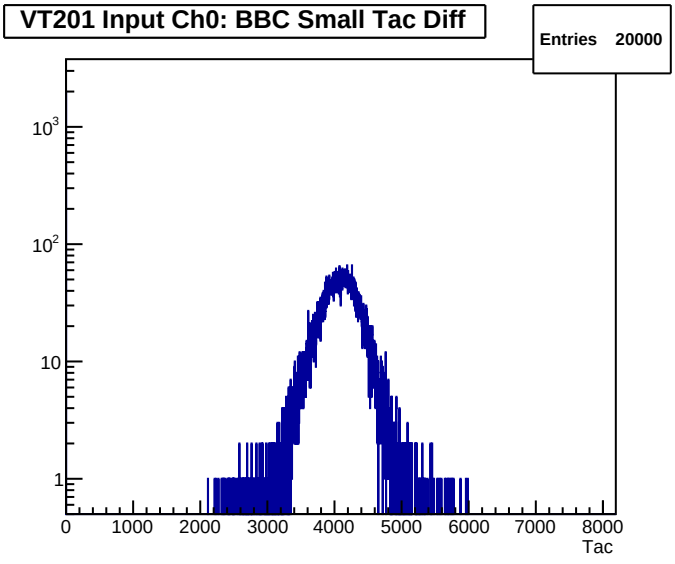

zdcEastTacVsSimu
Entries 715
Data
Simu

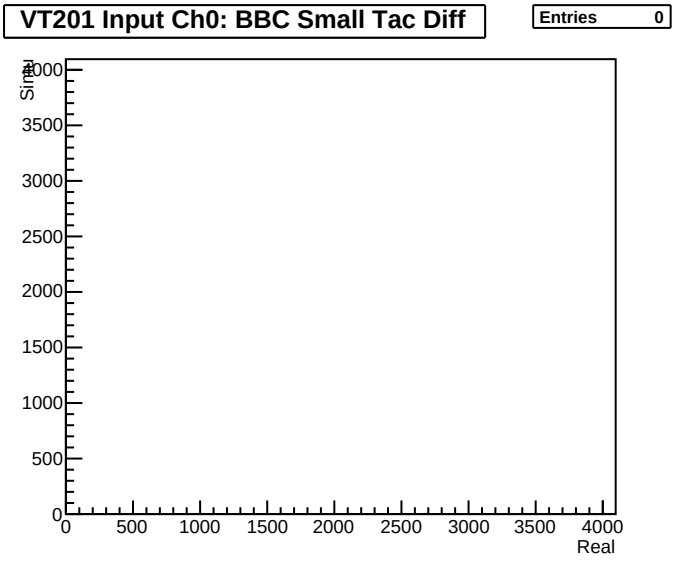

zdcWestTac
Entries 20000

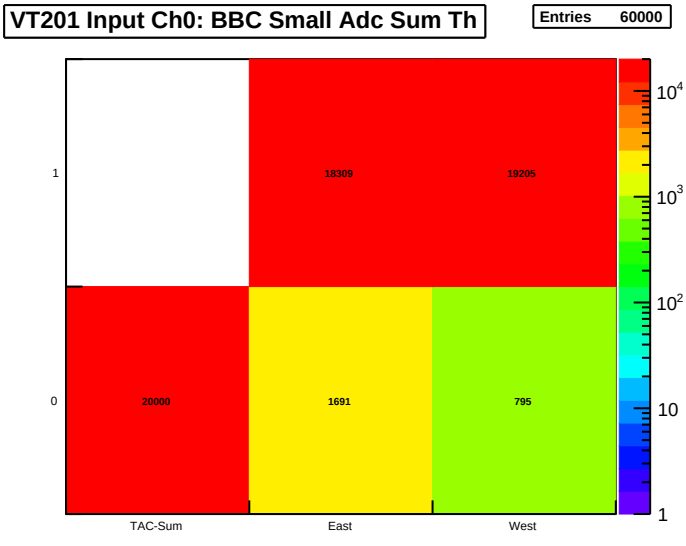

zdcWestTacVsSimu
Entries 562
Data
Simu

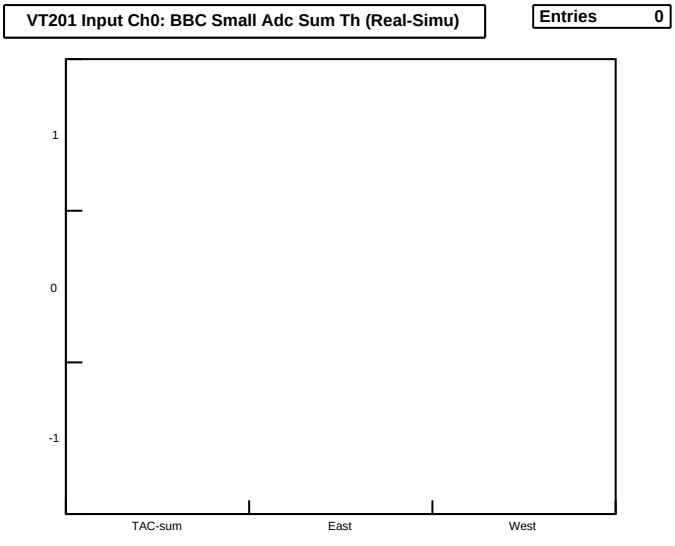

zdcAdcSum
Entries 240000
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

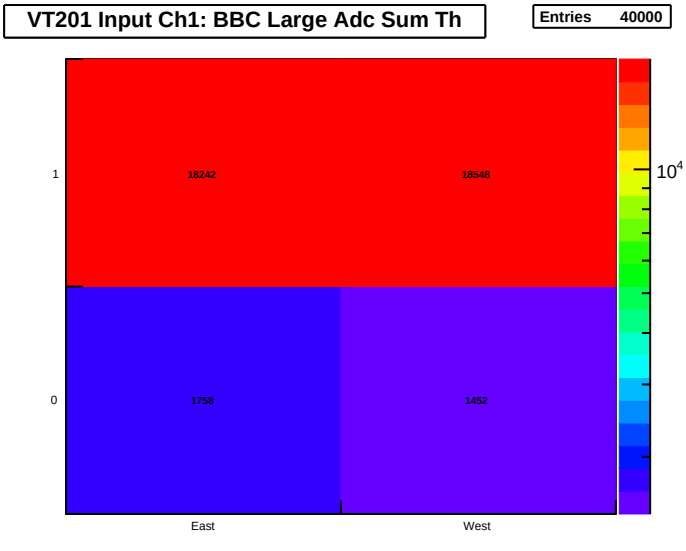

zdcAdcSumDiff
Entries 110194
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

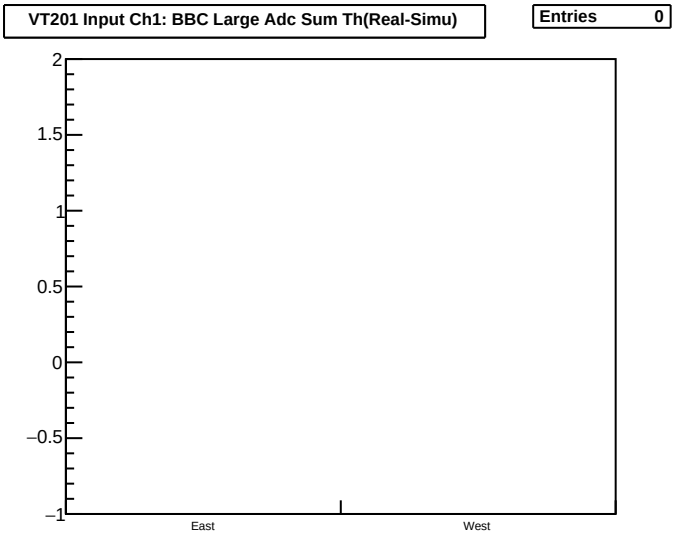

VT201 Input Ch0: BBC Small Tac Diff
Entries 20000
Tac


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

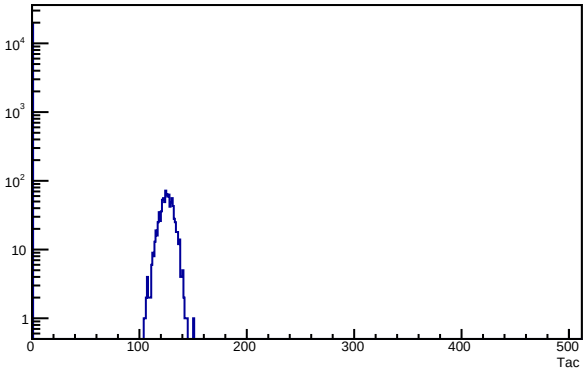

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 60000
18309
19205
20000
1691
795
TAC-Sum
East
West


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

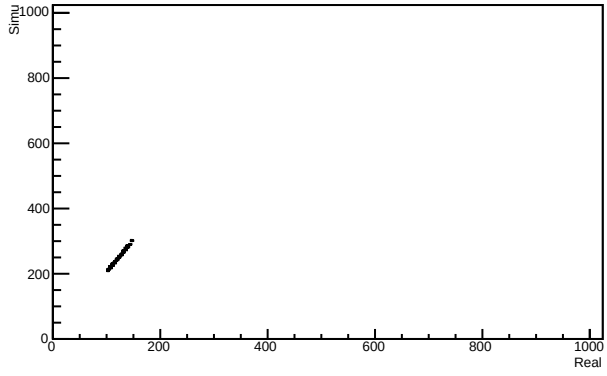

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 40000
18242
18548
1758
1452
East
West


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

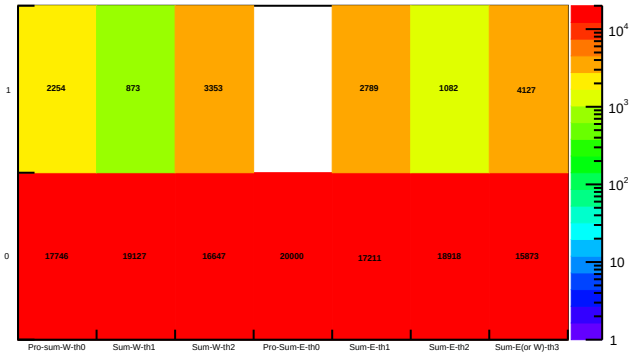
VT201 Input Ch2: ZDC Tac Diff



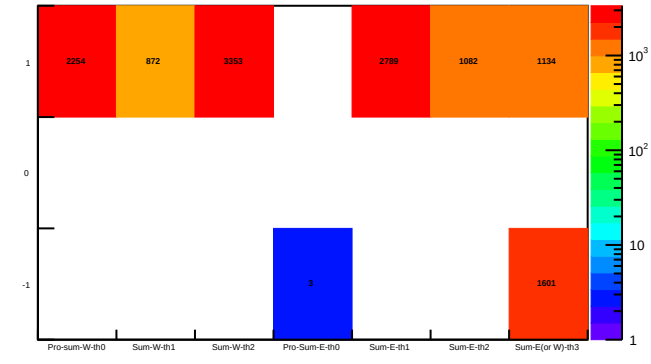
VT201 Input Ch2: ZDC Tac Diff



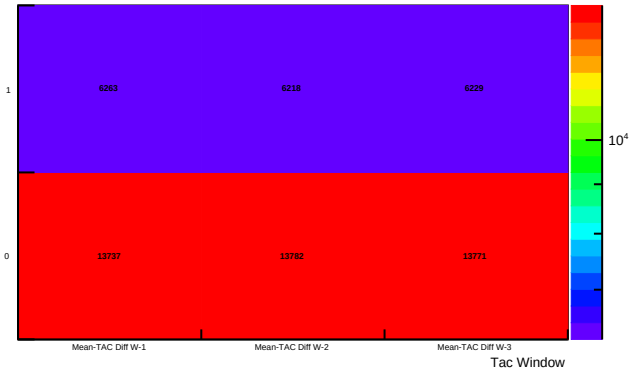
VT201 Input Ch2: ZDC Adc Sum Th



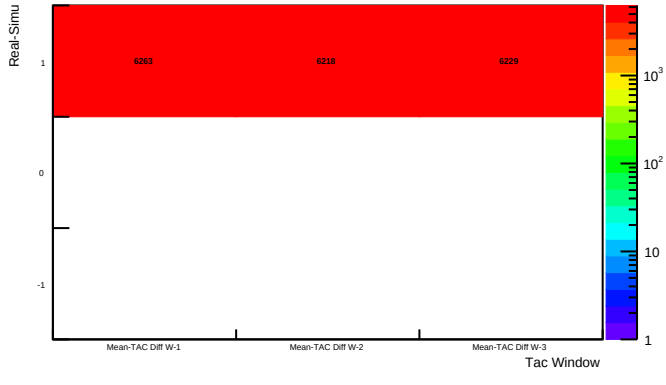
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



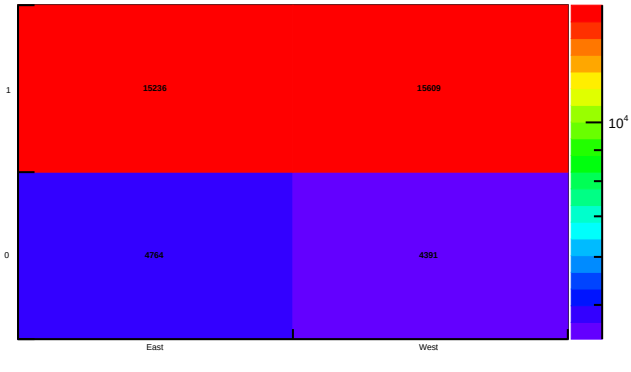
VT201 Input Ch4: VPD Tac Diff



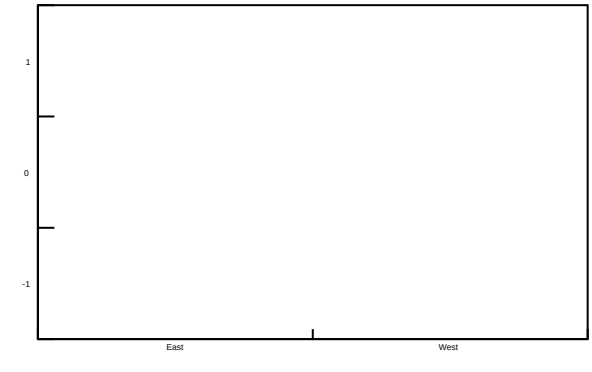
VT201 Input Ch4: VPD Tac Diff

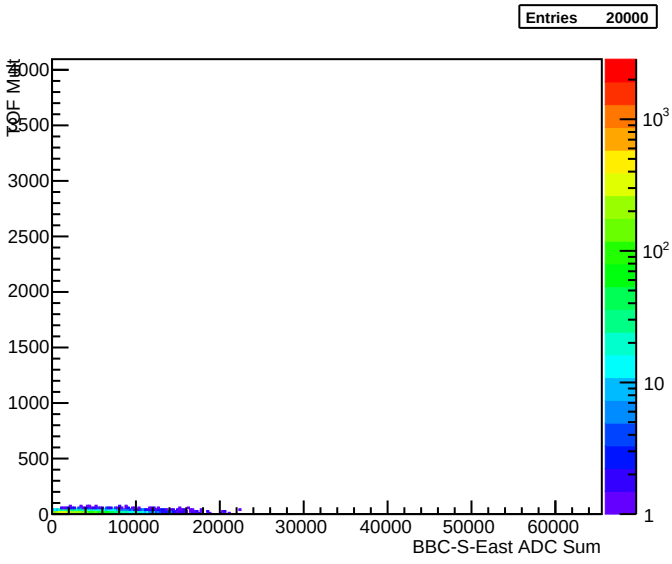


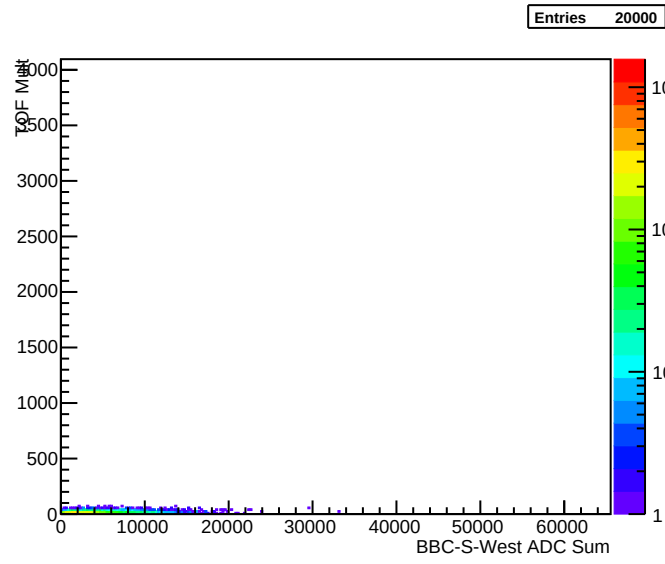
VT201 Input Ch4: VPD Adc Sum Th

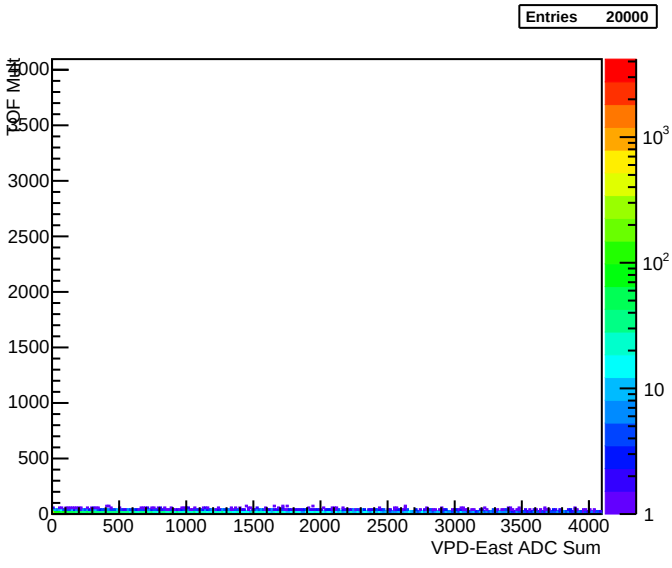


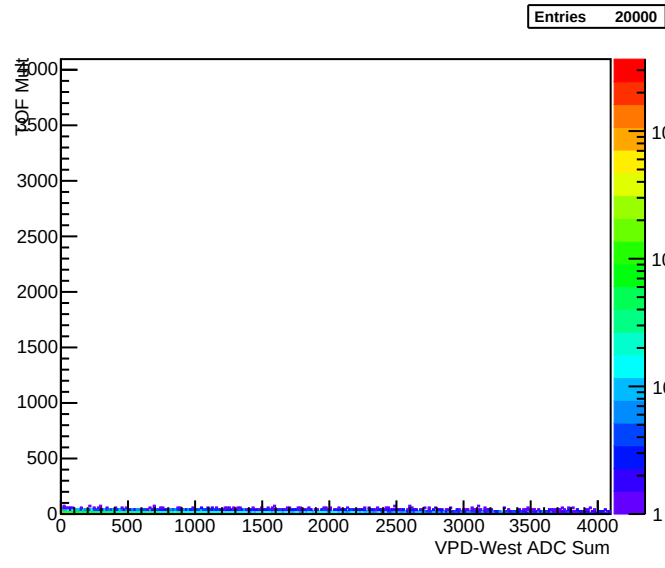
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

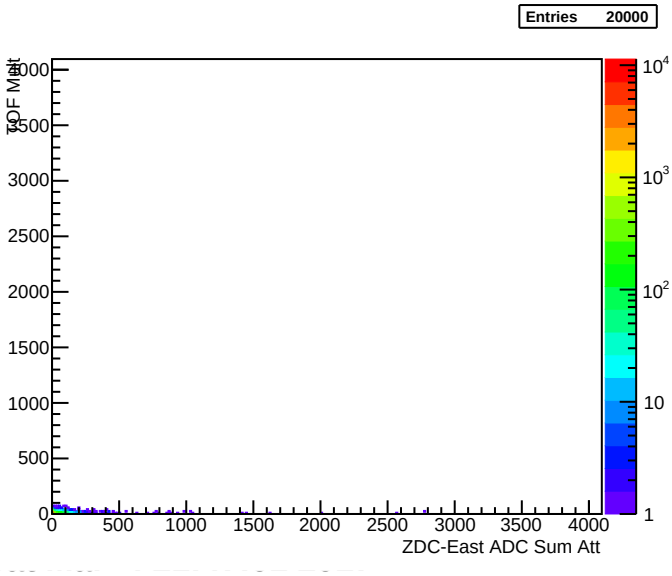


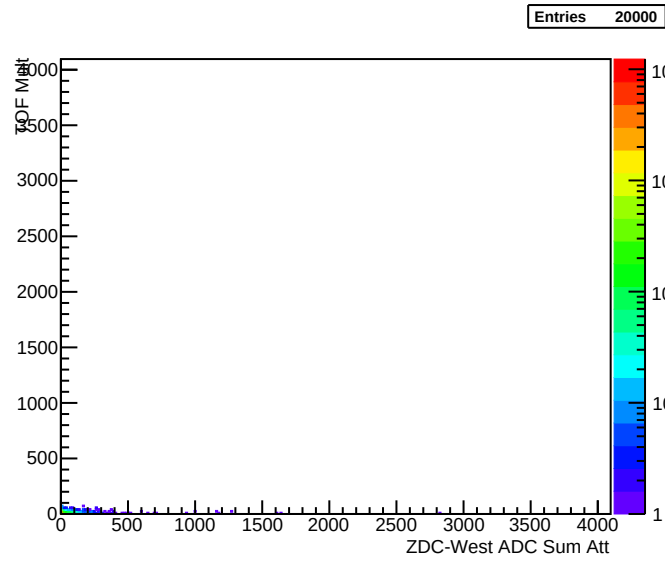

Entries 20000
TOF Mult
BBC-S-East ADC Sum

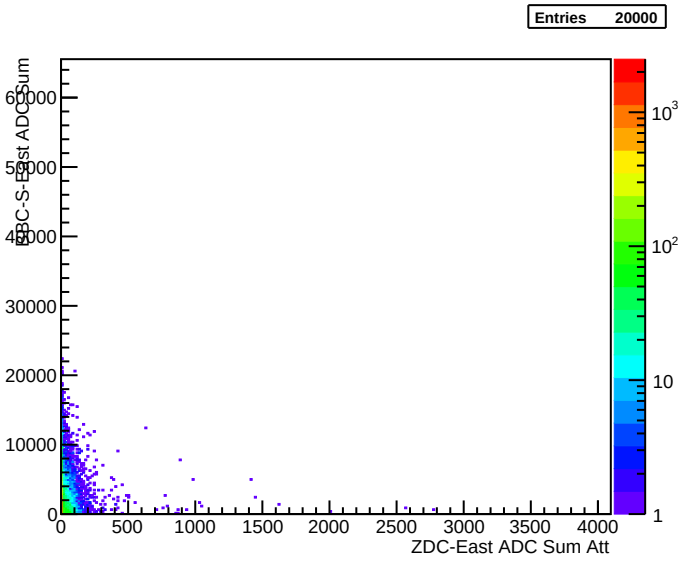

Entries 20000
TOF Mult
BBC-S-West ADC Sum

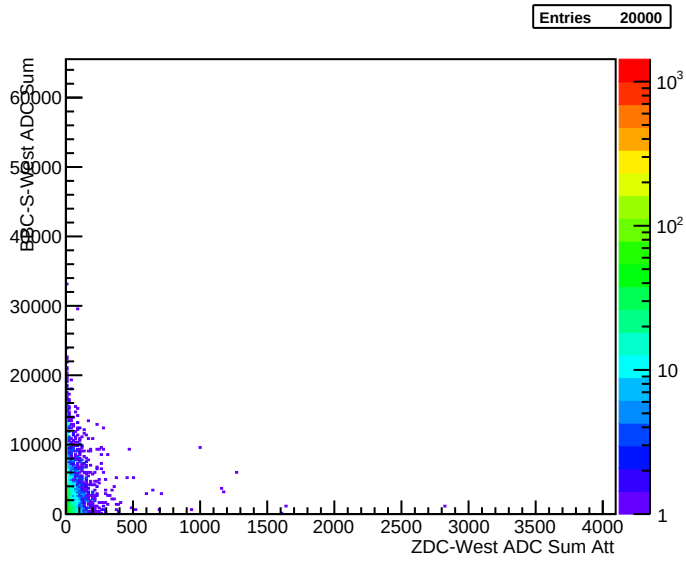

Entries 20000
TOF Mult
VPD-East ADC Sum

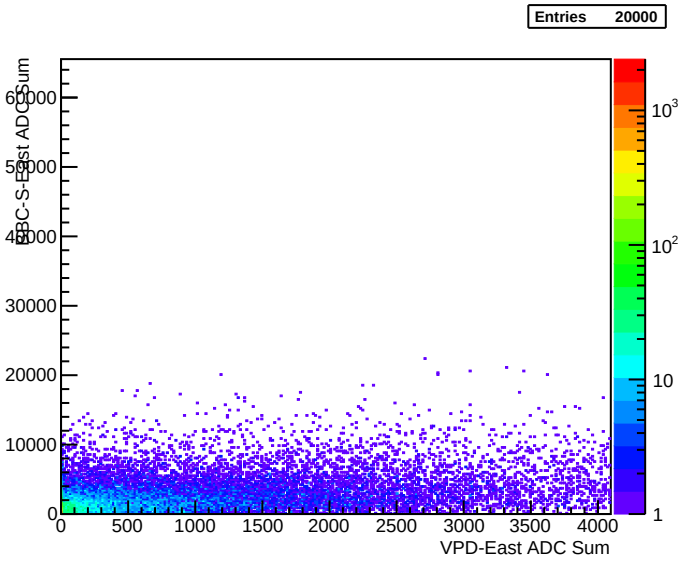

Entries 20000
TOF Mult
VPD-West ADC Sum

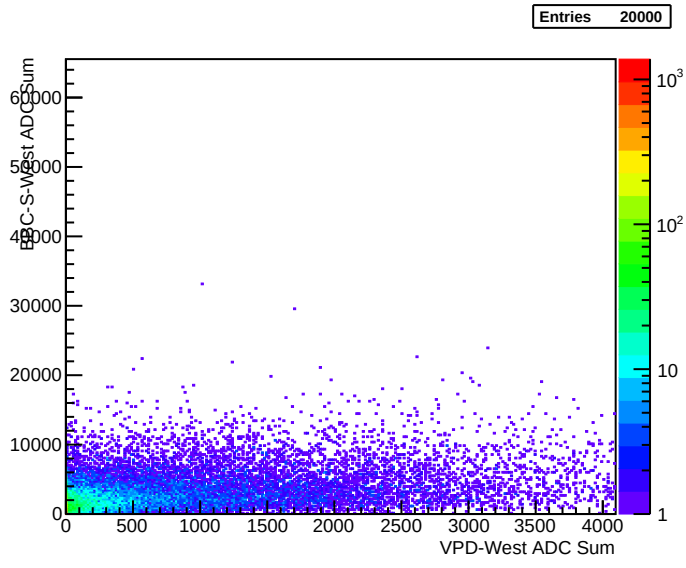

Entries 20000
TOF Mult
ZDC-East ADC Sum Att

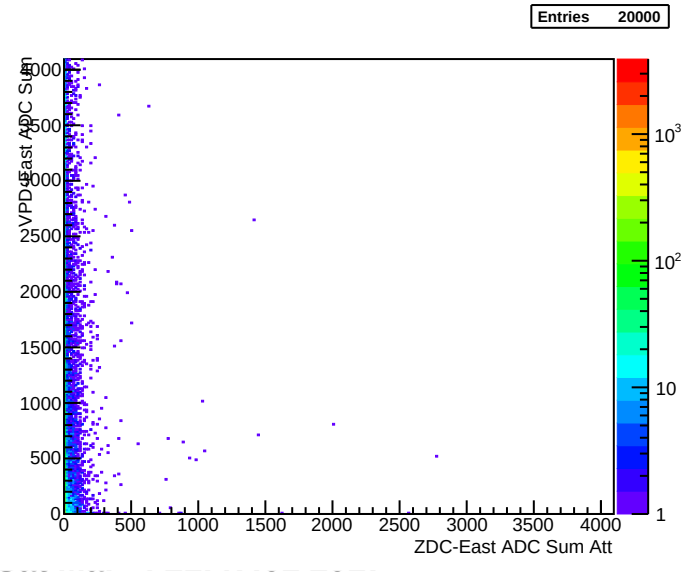

Entries 20000
TOF Mult
ZDC-West ADC Sum Att

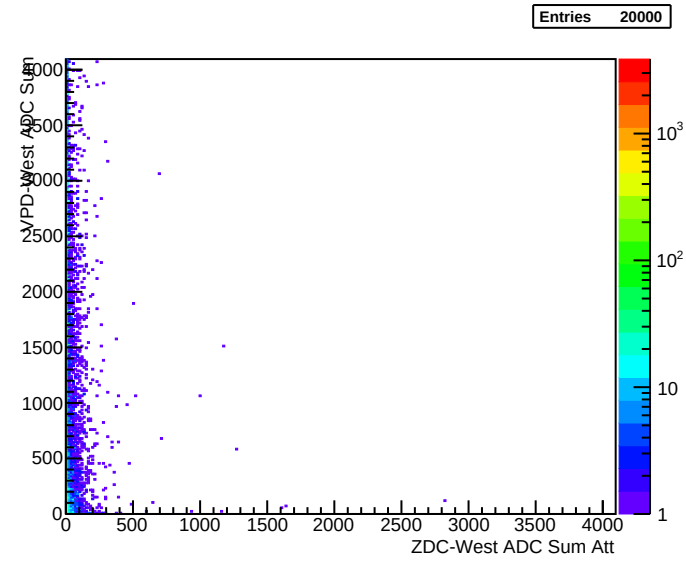

Entries 20000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

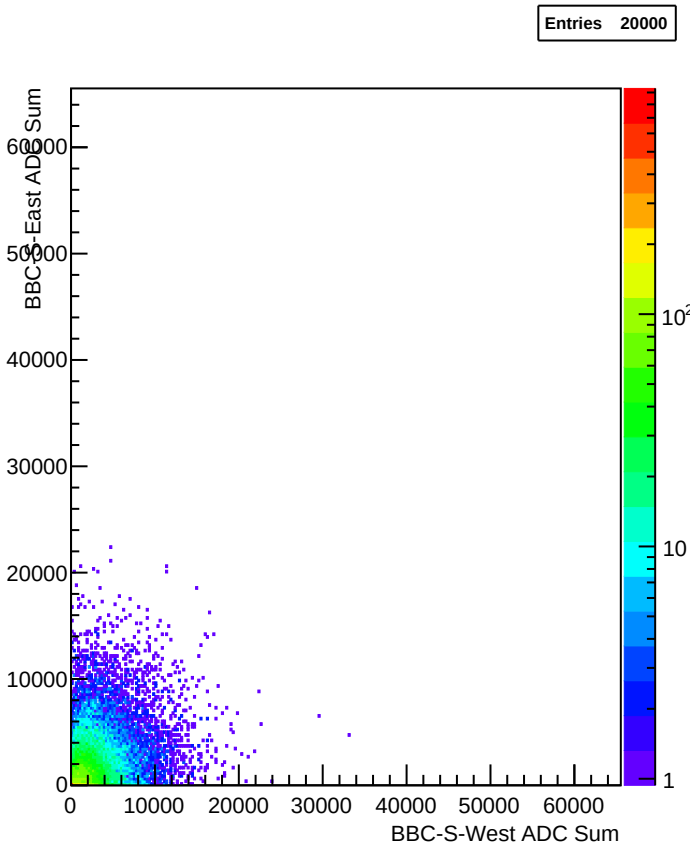

Entries 20000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

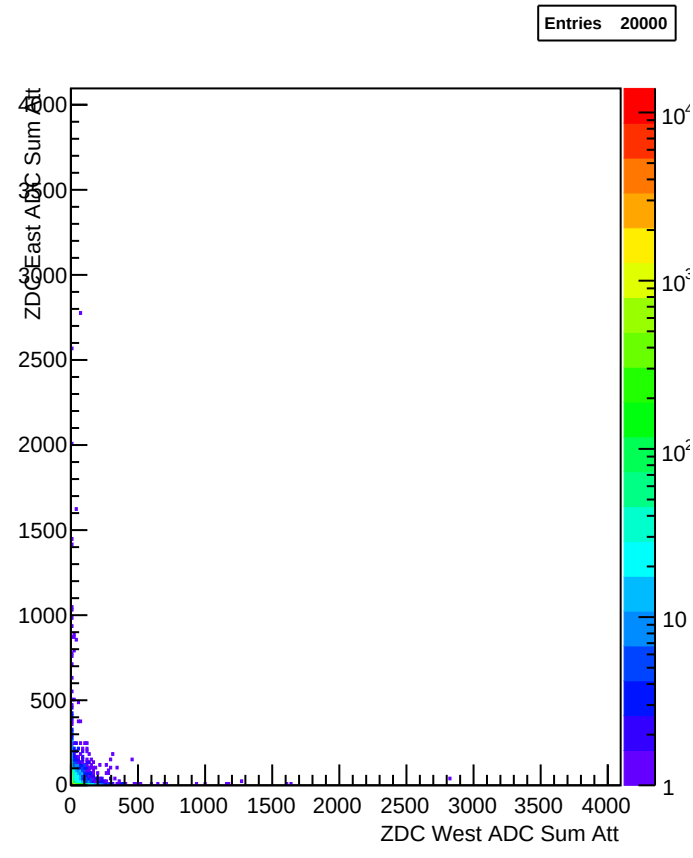

Entries 20000
BBC-S-East ADC Sum
VPD-East ADC Sum

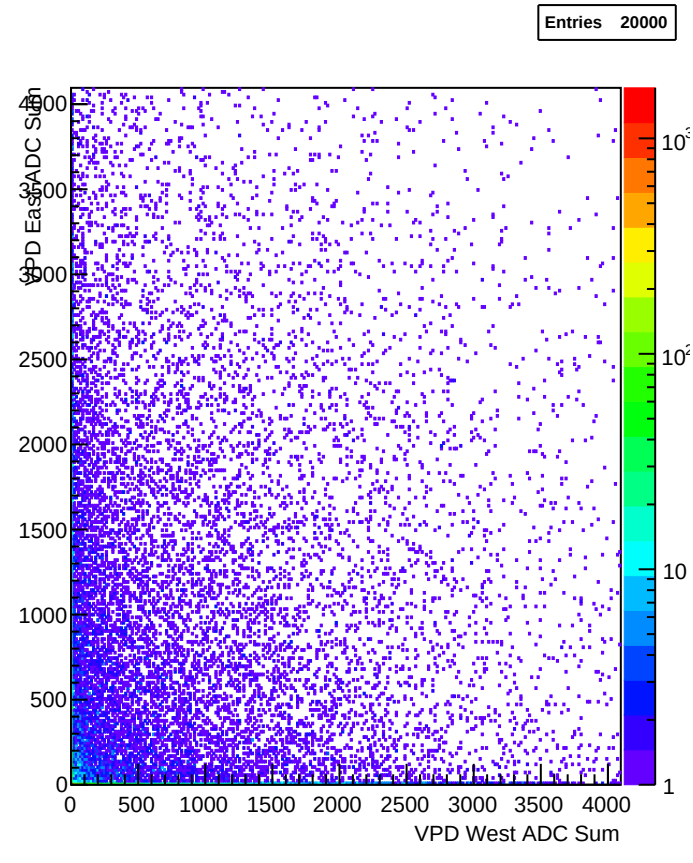

Entries 20000
BBC-S-West ADC Sum
VPD-West ADC Sum

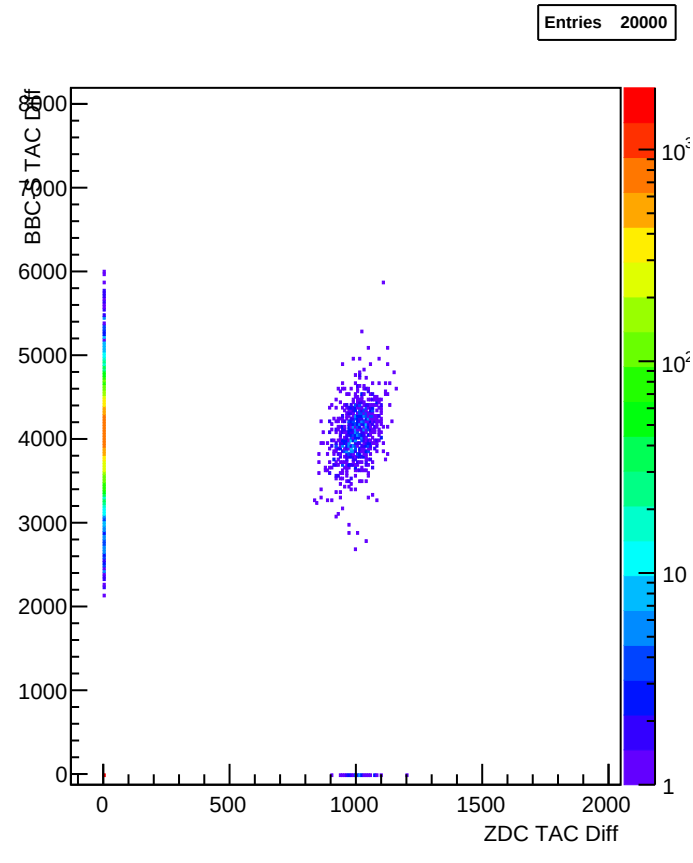

Entries 20000
VPD-East ADC Sum
ZDC-East ADC Sum Att

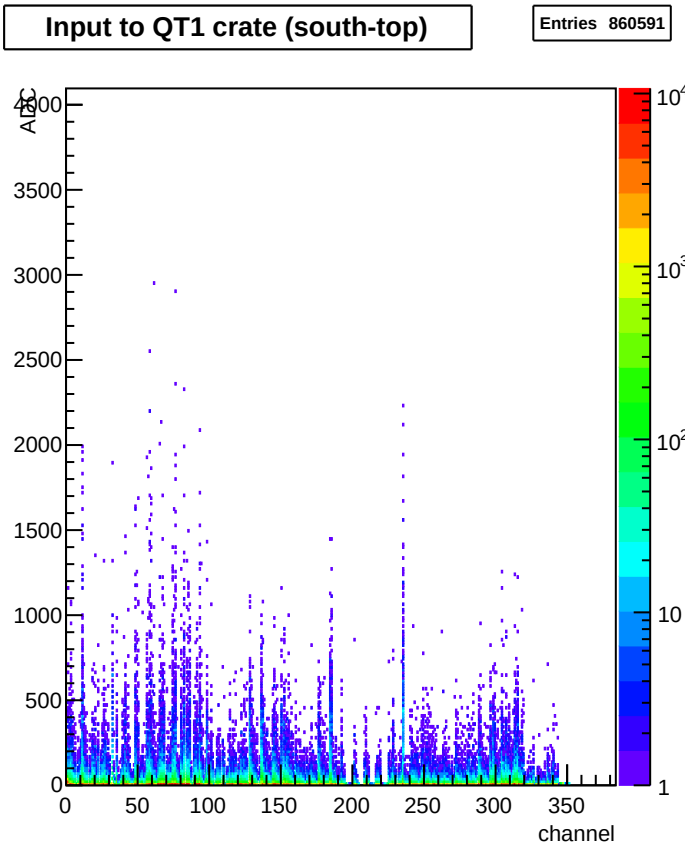

Entries 20000
VPD-West ADC Sum
ZDC-West ADC Sum Att

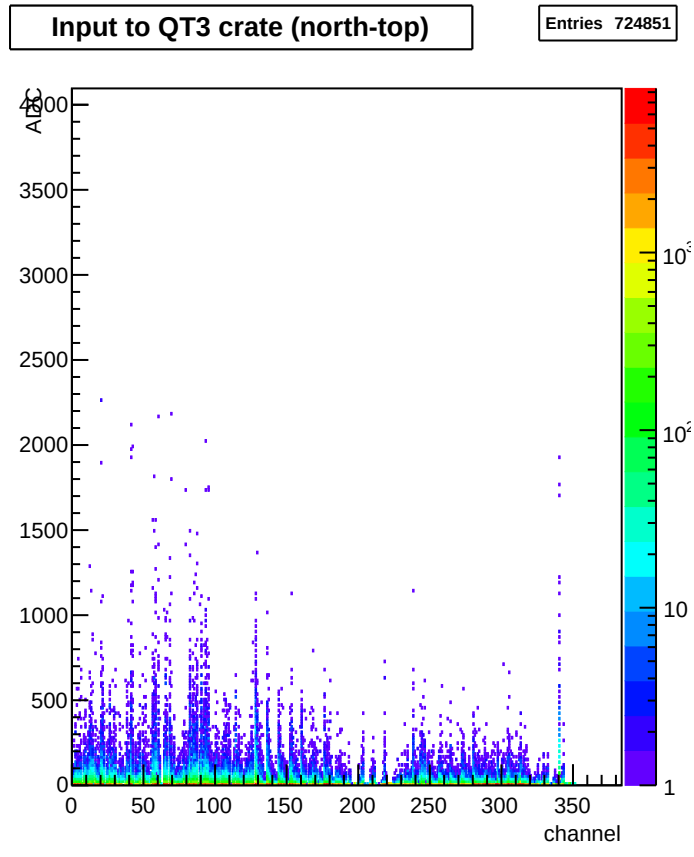

Entries 20000
BBC-S-East ADC Sum
BBC-S-West ADC Sum

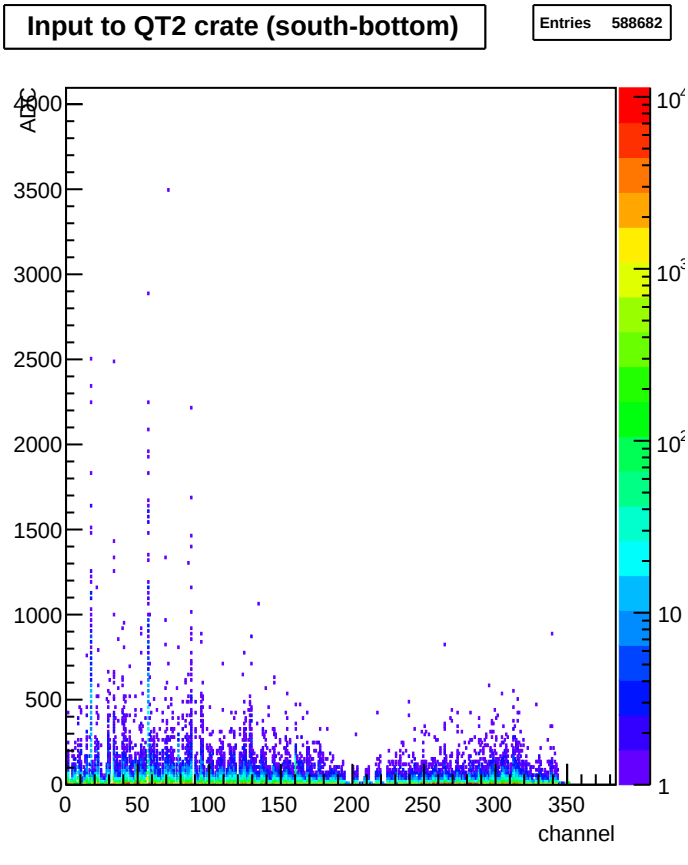

Entries 20000
ZDC East ADC Sum Att
ZDC West ADC Sum Att

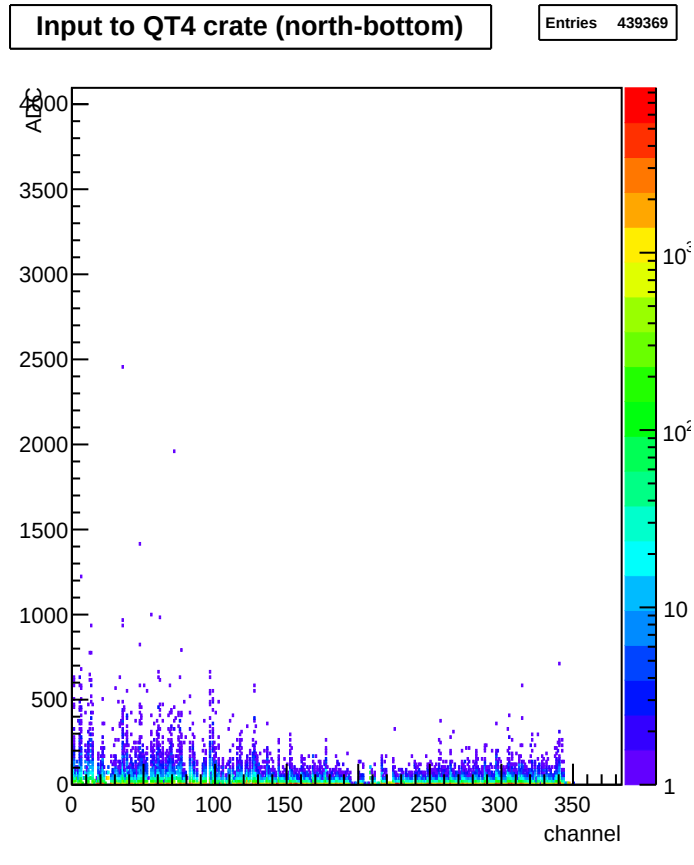

Entries 20000
VPD East ADC Sum
VPD West ADC Sum

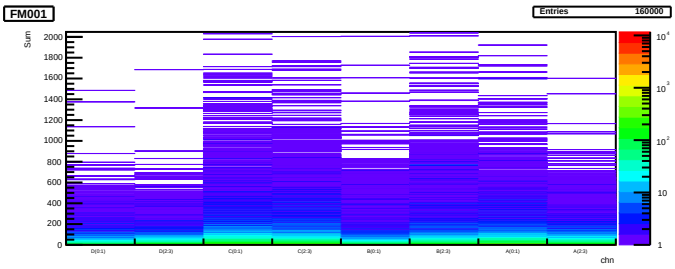

Entries 20000
BBC-S TAC Diff
ZDC TAC Diff

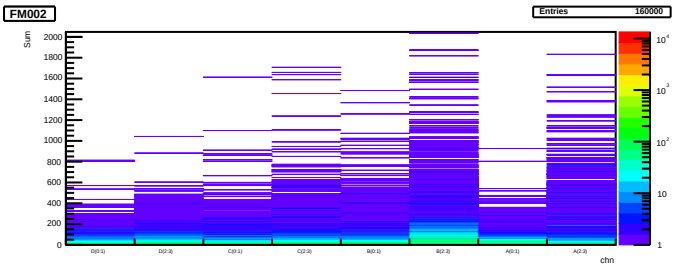

Input to QT1 crate (south-top)
Entries 860591
ADC
channel

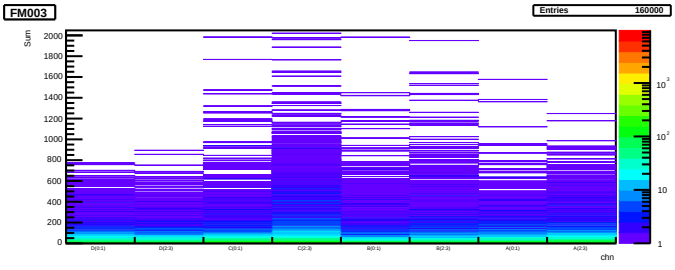

Input to QT3 crate (north-top)
Entries 724851
ADC
channel

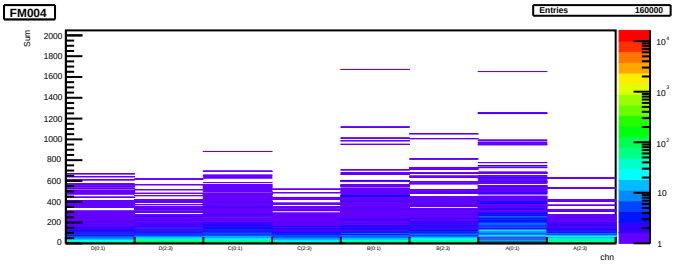

Input to QT2 crate (south-bottom)
Entries 588682
ADC
channel

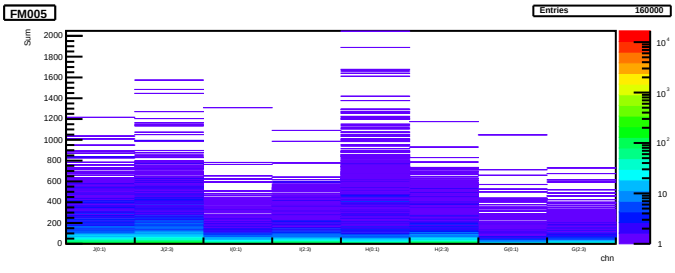

Input to QT4 crate (north-bottom)
Entries 439369
ADC
channel

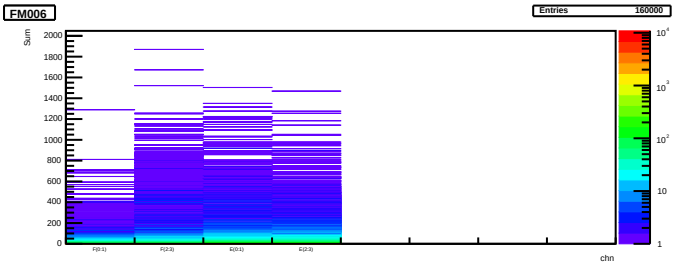

FM001
Entries 160000
Sum
chn

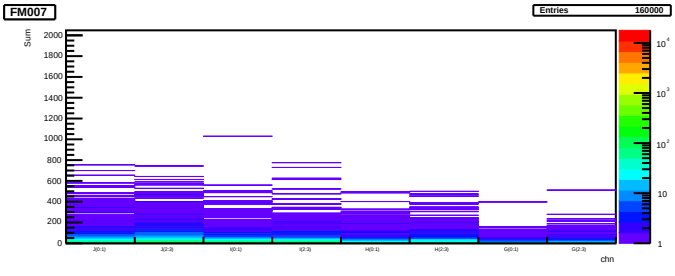

FM002
Entries 160000
Sum
chn

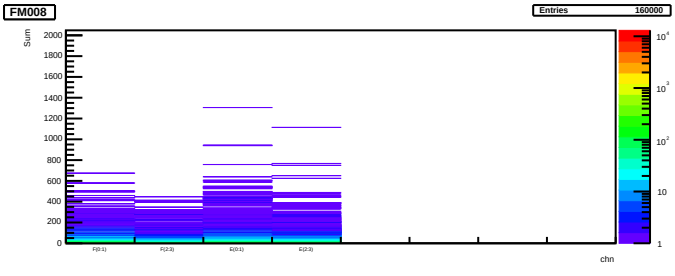

FM003
Entries 160000
Sum
chn

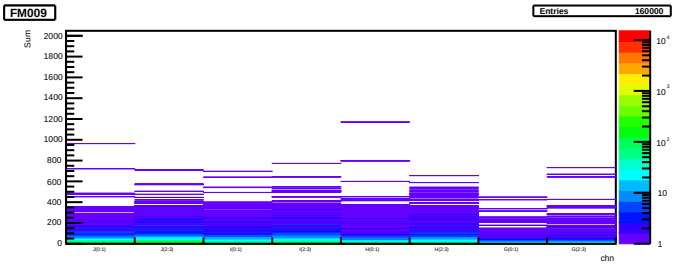

FM004
Entries 160000
Sum
chn

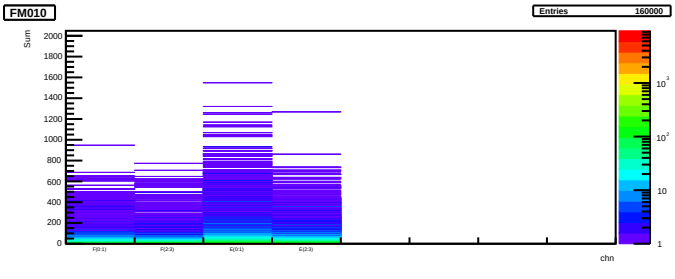

FM005
Entries 160000
Sum
chn

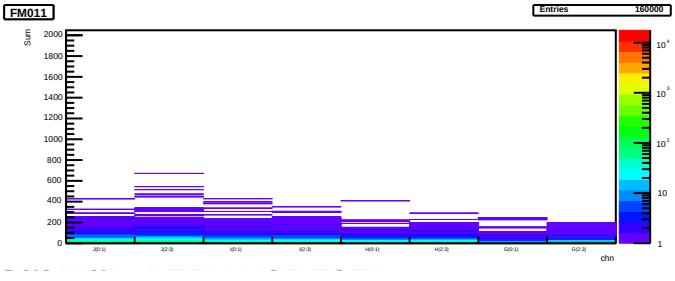

FM006
Entries 160000
Sum
chn

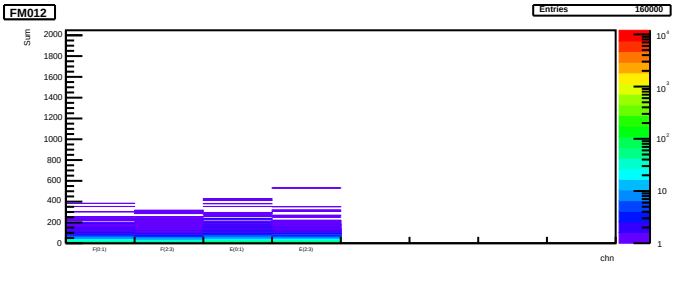

FM007
Entries 160000
Sum
chn

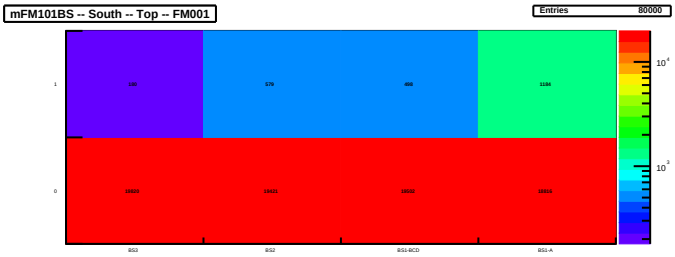

FM008
Entries 160000
Sum
chn

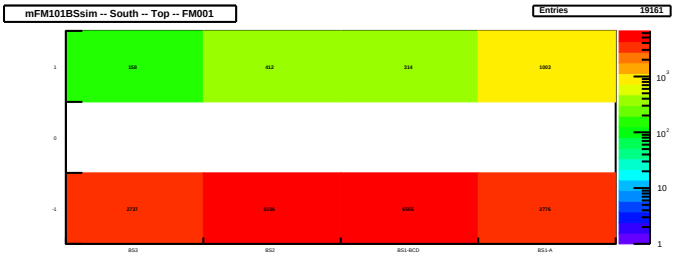

FM009
Entries 160000
Sum
chn

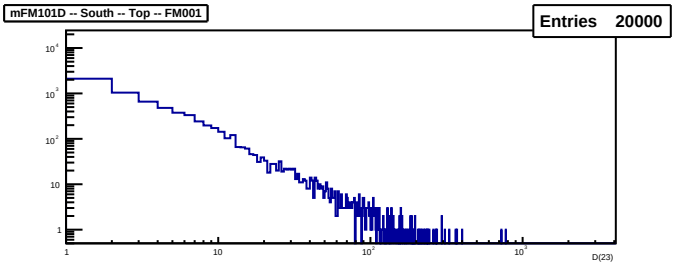

FM010
Entries 160000
Sum
chn

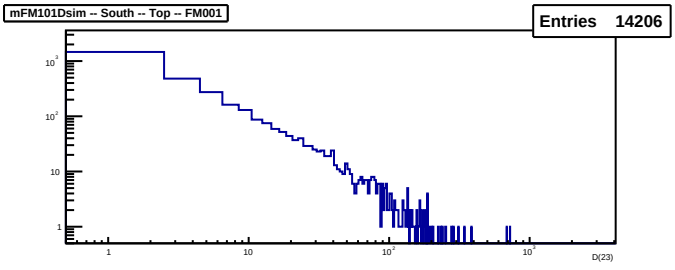

FM011
Entries 160000
Sum
chn

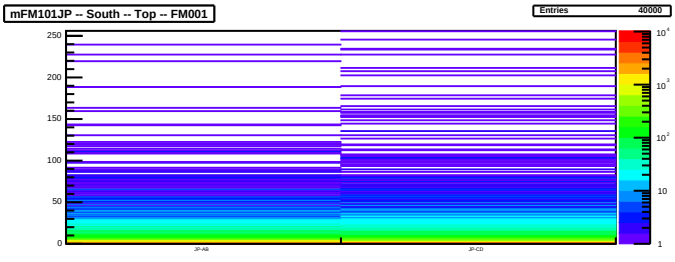

FM012
Entries 160000
Sum
chn

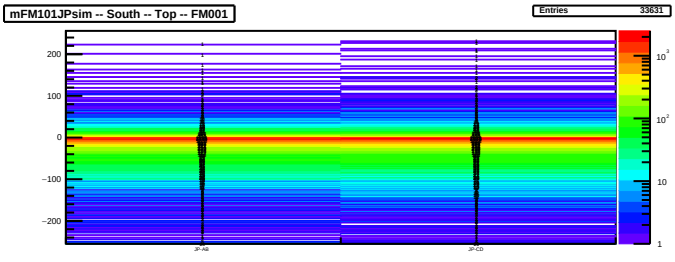

mFM101BS -- South -- Top -- FM001
Entries 80000
BS3
BS2
BS1-BCD
BS1-A

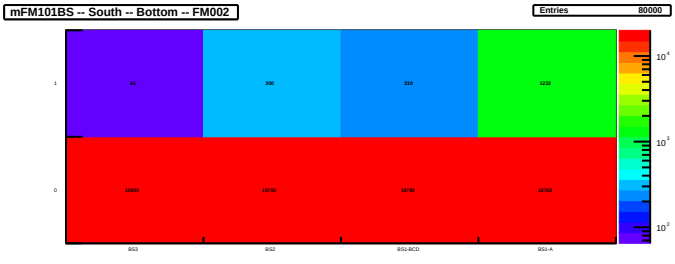

mFM101BSsim -- South -- Top -- FM001
Entries 19161
BS3
BS2
BS1-BCD
BS1-A

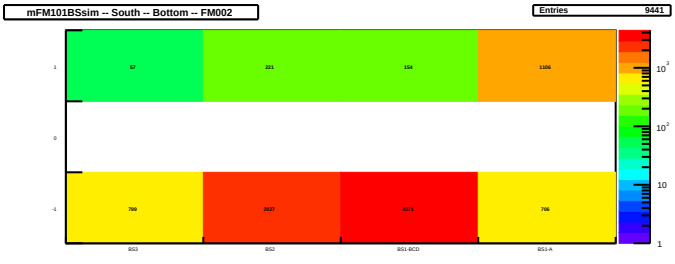

mFM101D -- South -- Top -- FM001
Entries 20000
D(23)

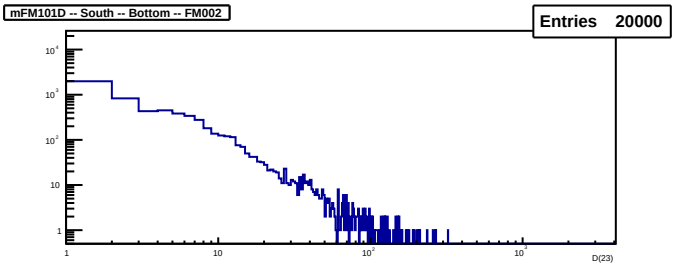

mFM101Dsim -- South -- Top -- FM001
Entries 14206
D(23)

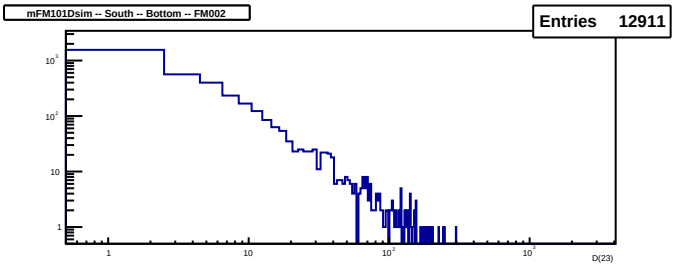

mFM101JP -- South -- Top -- FM001
Entries 40000
JP-AB
JP-CD

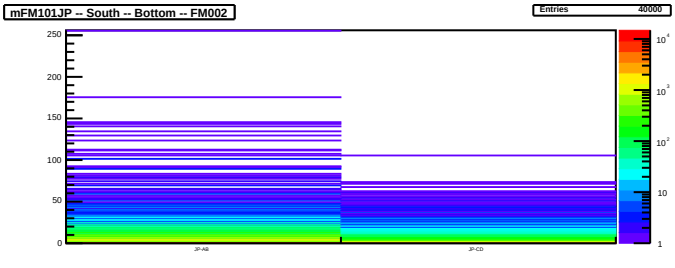

mFM101JPsim -- South -- Top -- FM001
Entries 33631
JP-AB
JP-CD

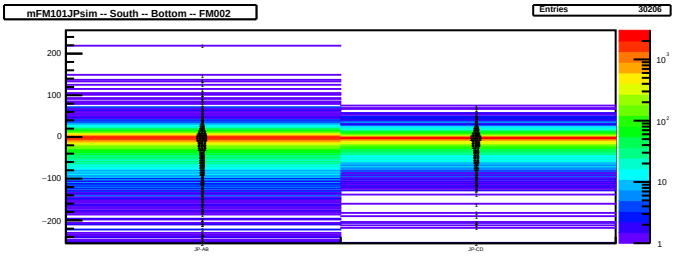

mFM101BS -- South -- Bottom -- FM002
Entries 80000
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 9441
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 20000
D(23)


mFM101Dsim -- South -- Bottom -- FM002
Entries 12911
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 40000
JP-AB
JP-CD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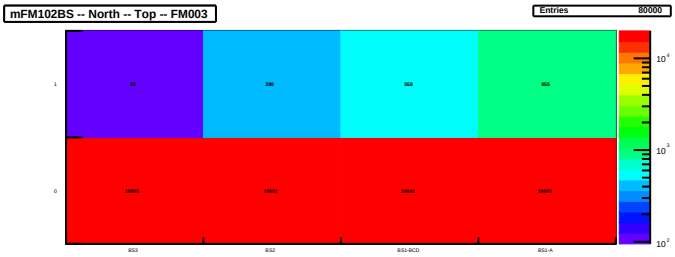
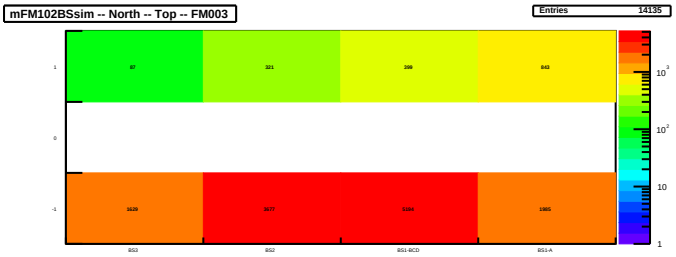
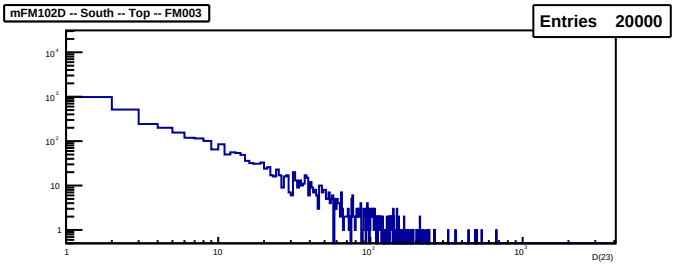
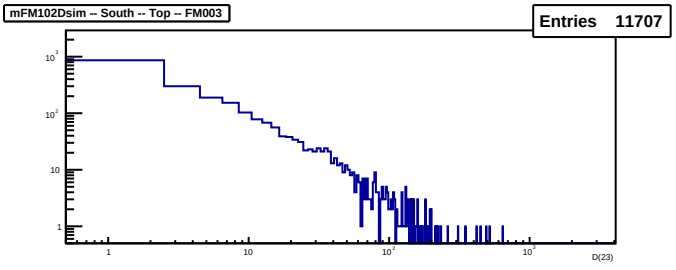
Entries 30206
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 80000


mFM102BSsim -- North -- Top -- FM003
Entries 14135


mFM102D -- South -- Top -- FM003
Entries 20000
D(23)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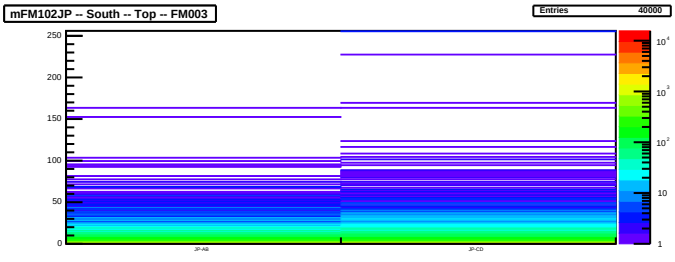
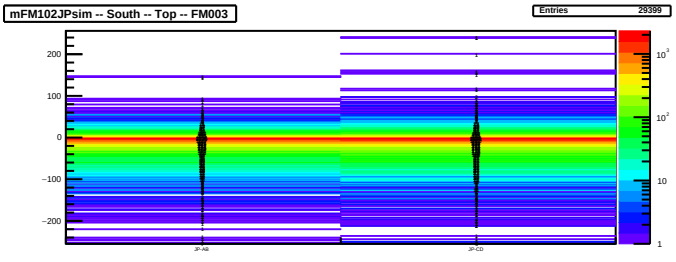
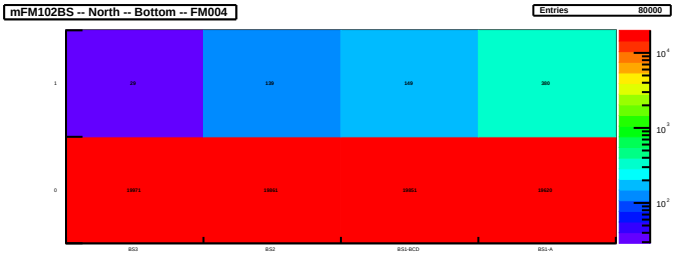
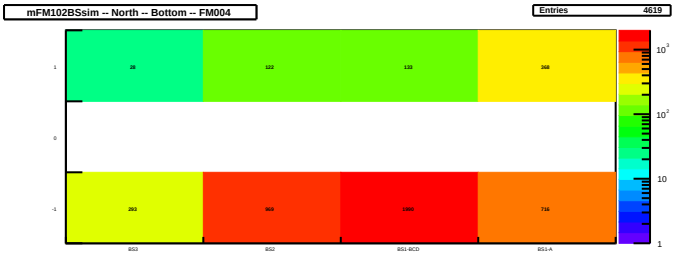
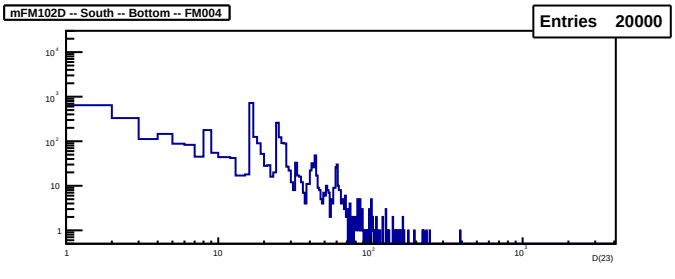
Entries 11707
D(23)

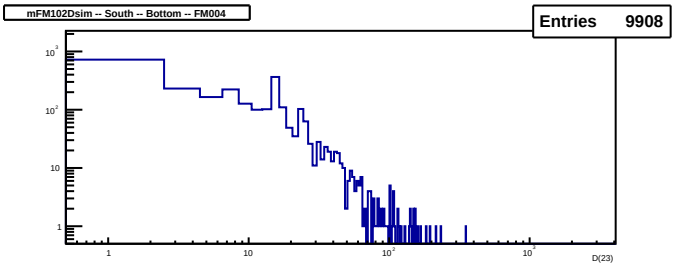

mFM102JP -- South -- Top -- FM003
Entries 40000

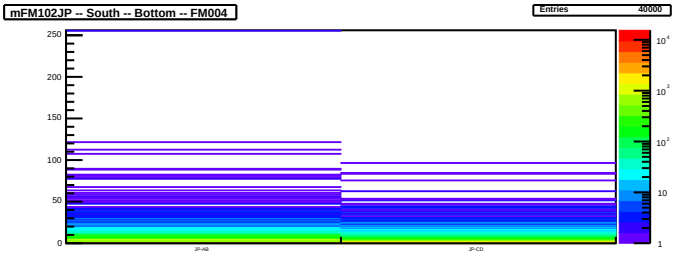

mFM102JPsim -- South -- Top -- FM003
Entries 29399

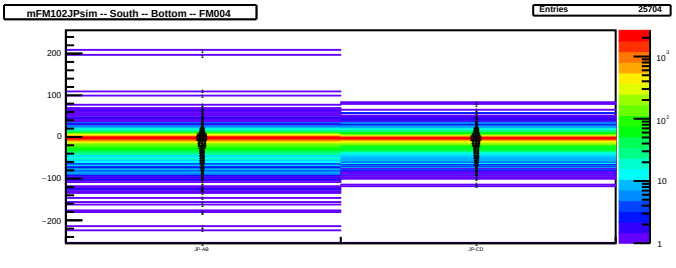

mFM102BS -- North -- Bottom -- FM004
Entries 80000

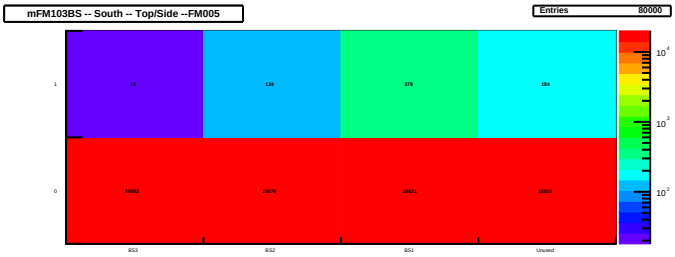

mFM102BSsim -- North -- Bottom -- FM004
Entries 4619

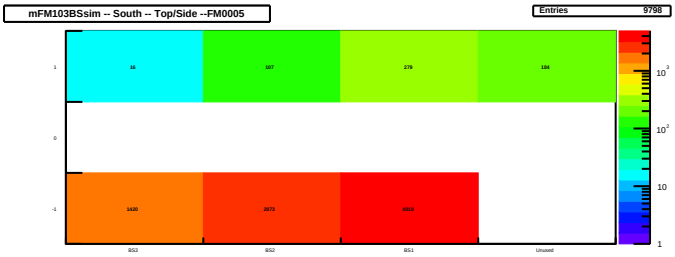

mFM102D -- South -- Bottom -- FM004
Entries 20000
D(23)


mFM102Dsim -- South -- Bottom -- FM004
Entries 9908
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 40000


mFM102JPsim -- South -- Bottom -- FM004
Entries 25704


mFM103BS -- South -- Top/Side --FM005
Entries 80000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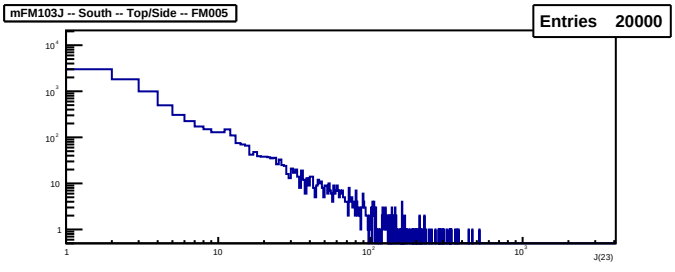
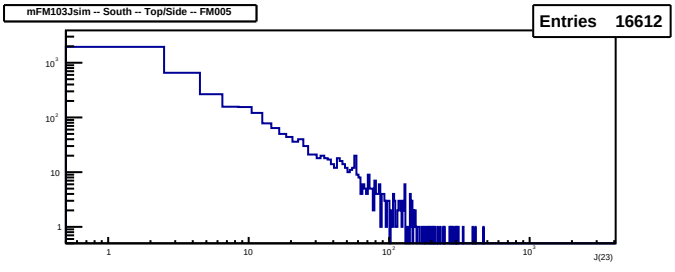
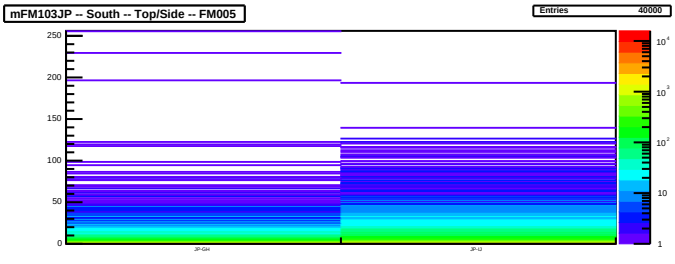
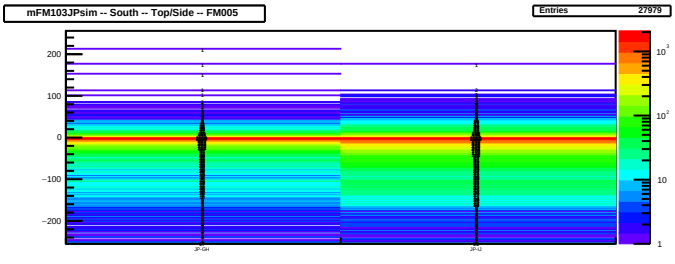
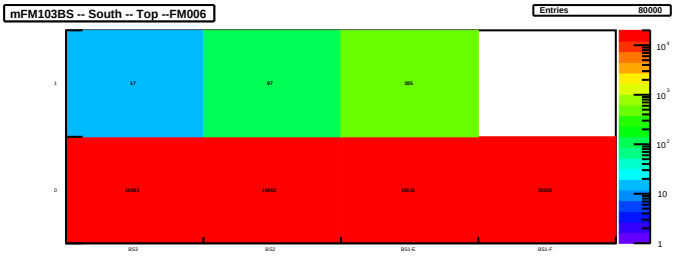
Entries 9798

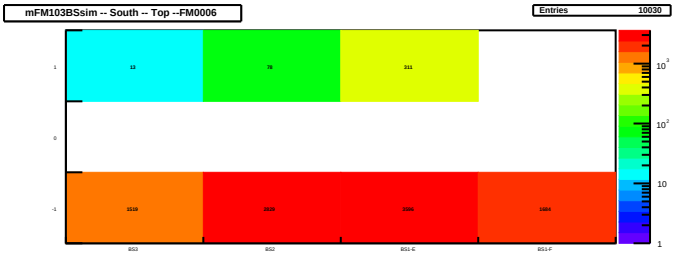

mFM103J -- South -- Top/Side -- FM005
Entries 20000
J(23)

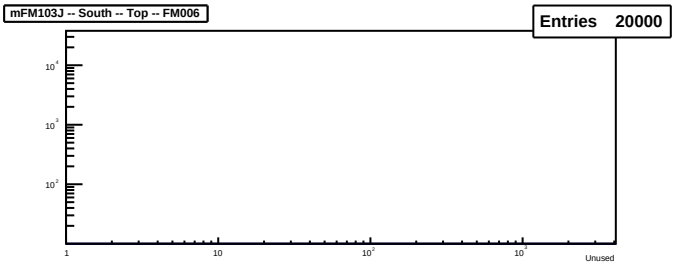

mFM103Jsim -- South -- Top/Side -- FM005
Entries 16612
J(23)

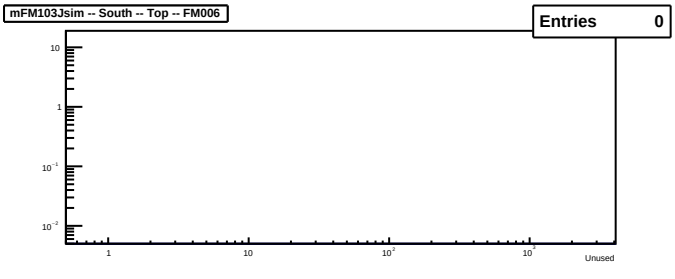

mFM103JP -- South -- Top/Side -- FM005
Entries 40000

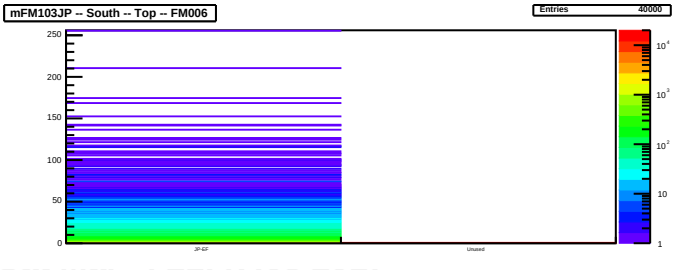

mFM103JPsim -- South -- Top/Side -- FM005
Entries 27979

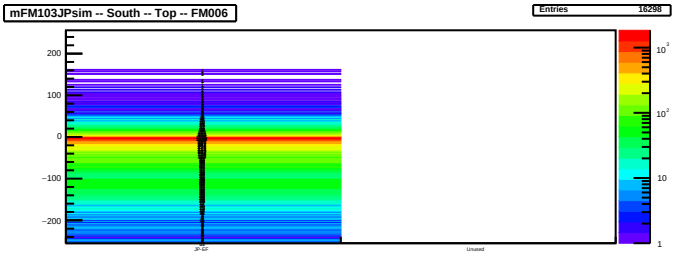

mFM103BS -- South -- Top --FM006
Entries 80000

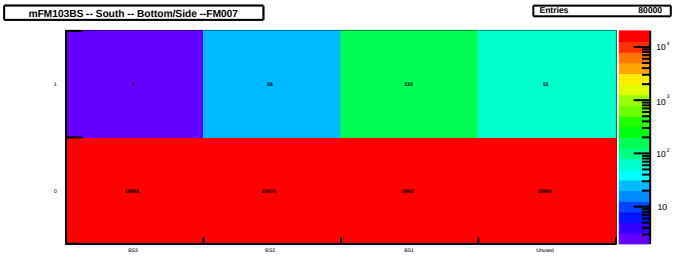

mFM103BSsim -- South -- Top --FM0006
Entries 10030

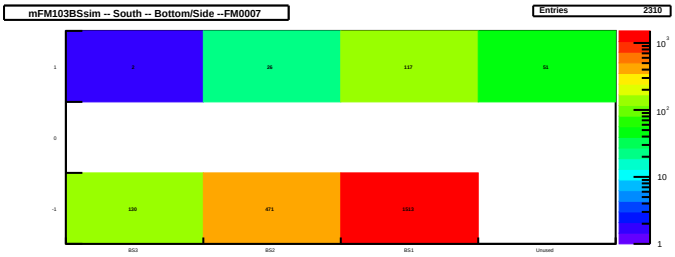

mFM103J -- South -- Top -- FM006
Entries 20000
Unused

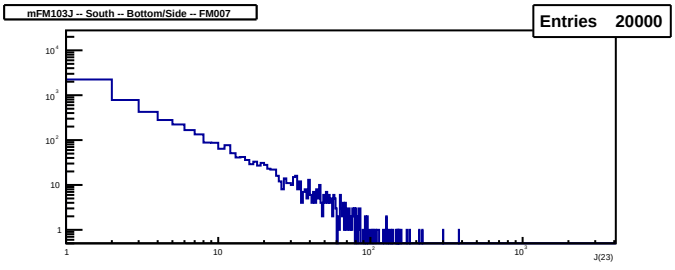

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

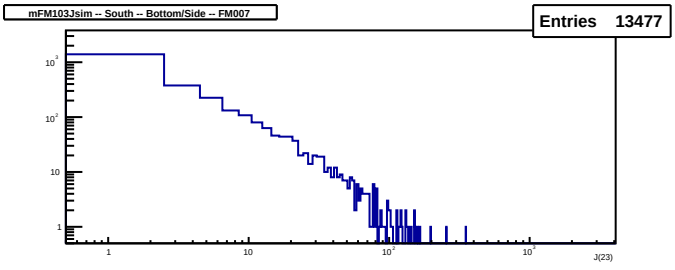

mFM103JP -- South -- Top -- FM006
Entries 40000

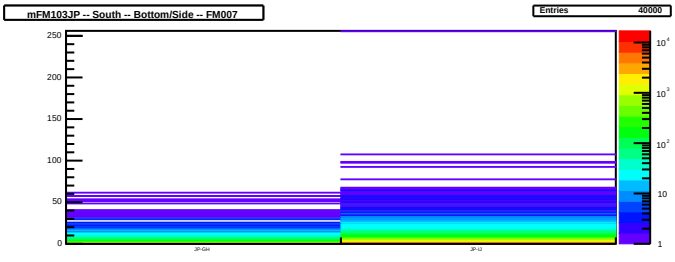

mFM103JPsim -- South -- Top -- FM006
Entries 16298

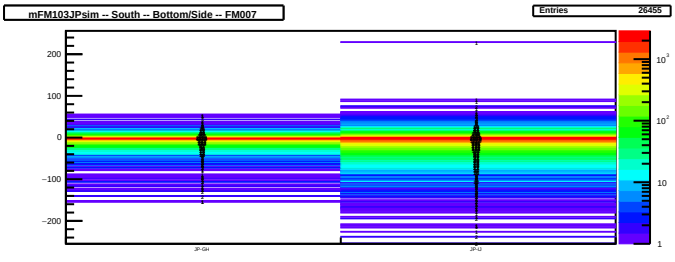

mFM103BS -- South -- Bottom/Side --FM007
Entries 80000
BS3
BS2
BS1
Unused

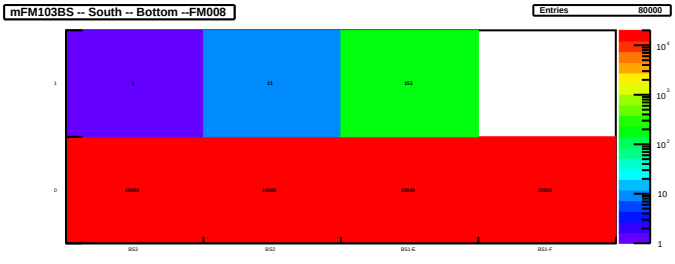

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 2310
BS3
BS2
BS1
Unused

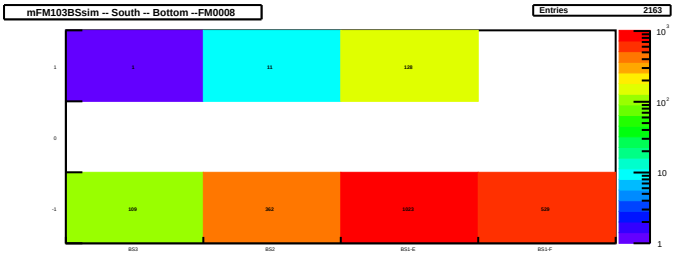

mFM103J -- South -- Bottom/Side -- FM007
Entries 20000
J(23)

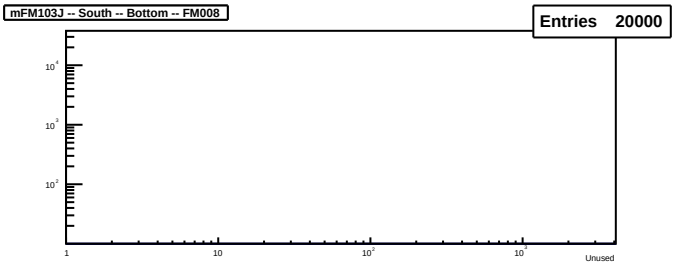

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 13477
J(23)

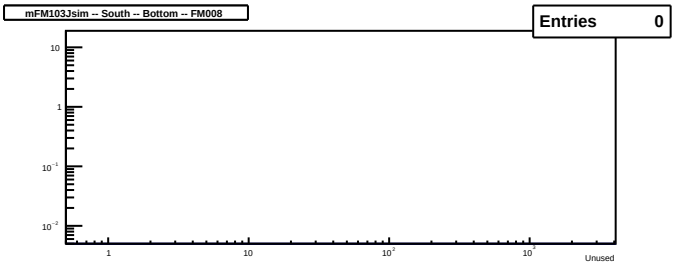

mFM103JP -- South -- Bottom/Side -- FM007
Entries 40000
JP-GH
JP-IJ

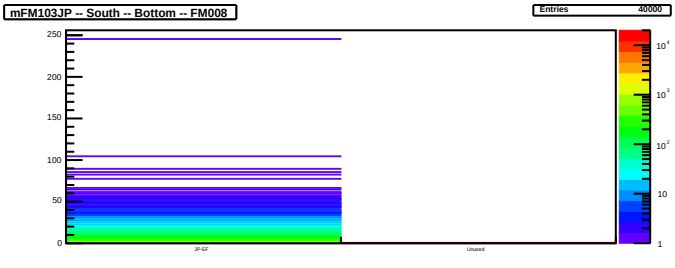

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 26455
JP-GH
JP-IJ

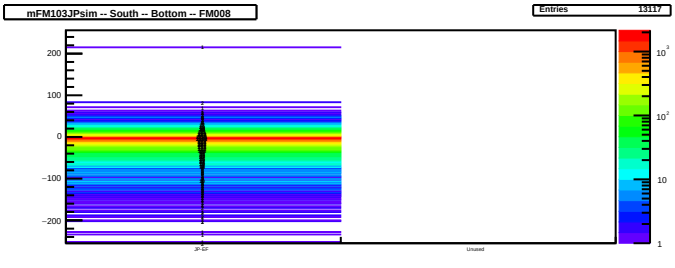

mFM103BS -- South -- Bottom --FM008
Entries 80000
BS3
BS2
BS1-E
BS1-F

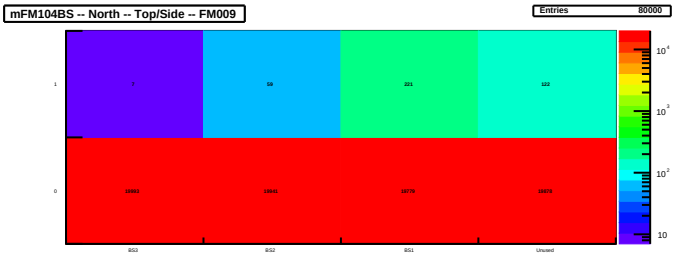

mFM103BSsim -- South -- Bottom --FM0008
Entries 2163
BS3
BS2
BS1-E
BS1-F

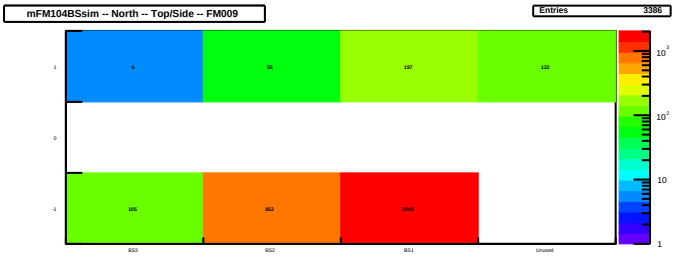

mFM103J -- South -- Bottom -- FM008
Entries 20000
Unused

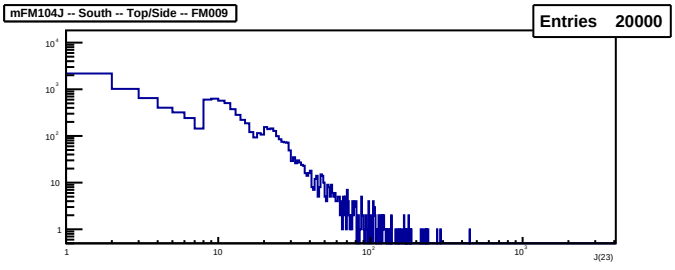

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

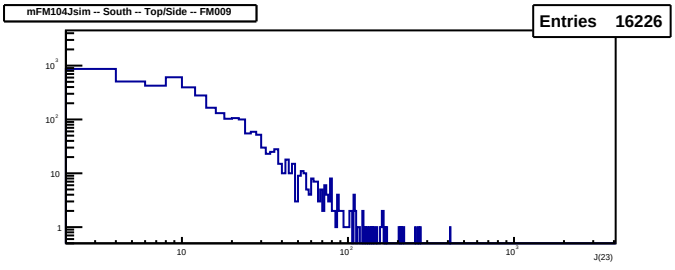

mFM103JP -- South -- Bottom -- FM008
Entries 40000
JP-EF
Unused

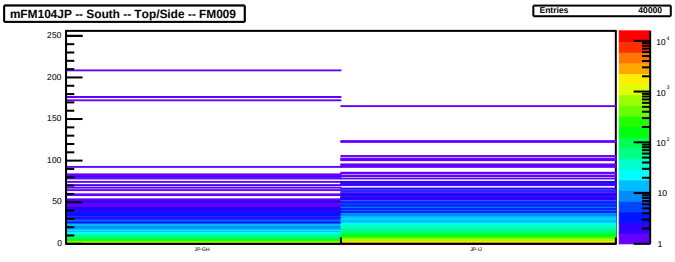

mFM103JPsim -- South -- Bottom -- FM008
Entries 13117
JP-EF
Unused

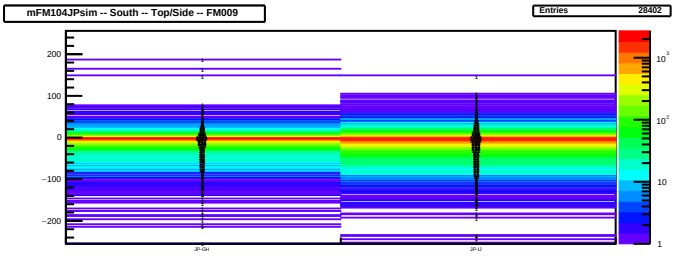

mFM104BS -- North -- Top/Side -- FM009
Entries 80000

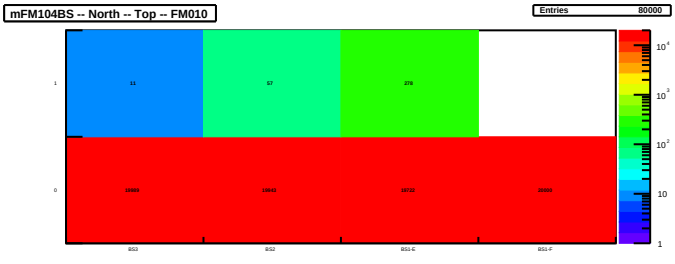

mFM104BSsim -- North -- Top/Side -- FM009
Entries 3386

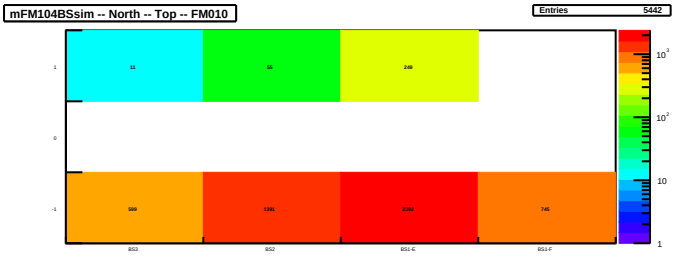

mFM104J -- South -- Top/Side -- FM009
Entries 20000
J(23)

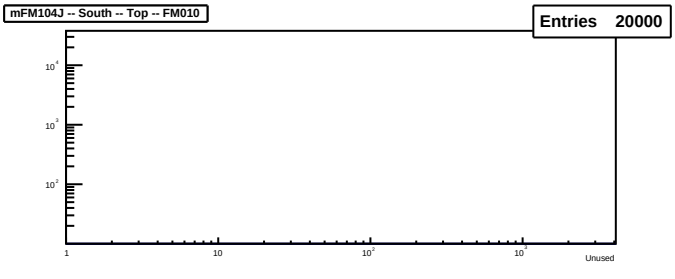

mFM104Jsim -- South -- Top/Side -- FM009
Entries 16226
J(23)

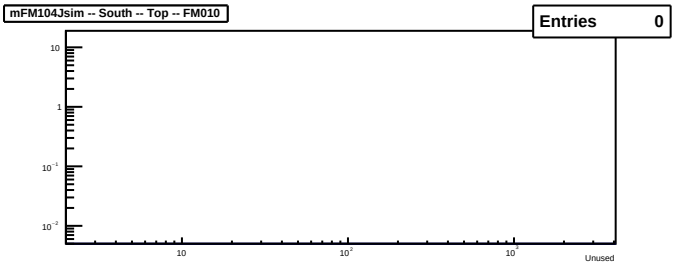

mFM104JP -- South -- Top/Side -- FM009
Entries 40000

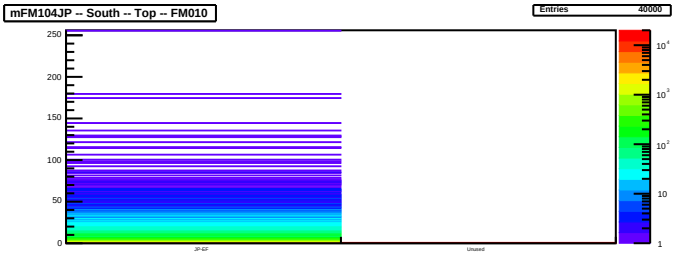

mFM104JPsim -- South -- Top/Side -- FM009
Entries 28402

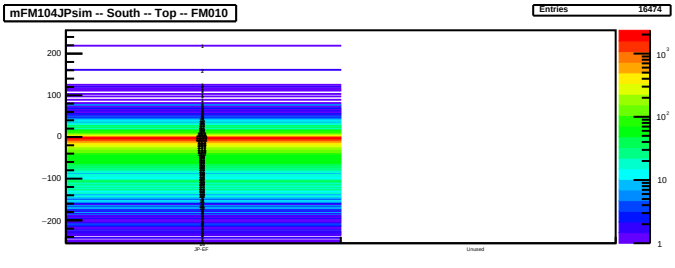

mFM104BS -- North -- Top -- FM010
Entries 80000

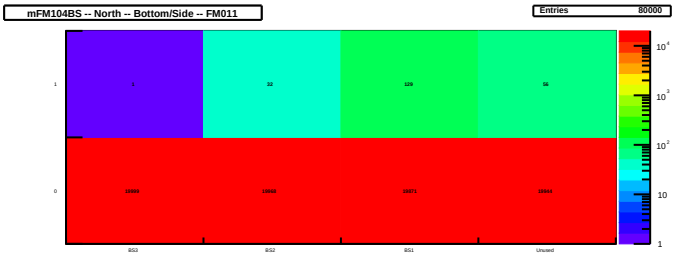

mFM104BSsim -- North -- Top -- FM010
Entries 5442

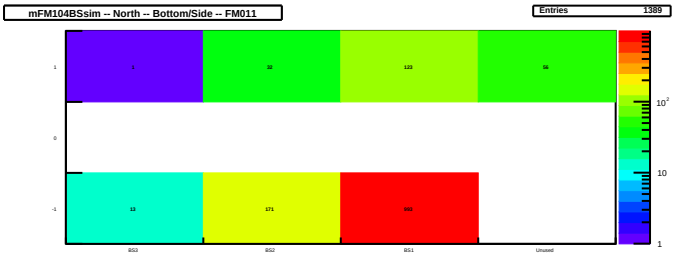

mFM104J -- South -- Top -- FM010
Entries 20000
Unused

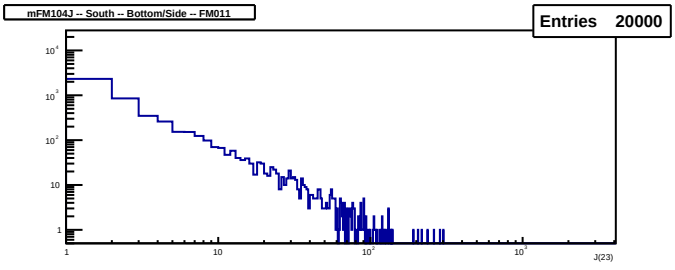

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

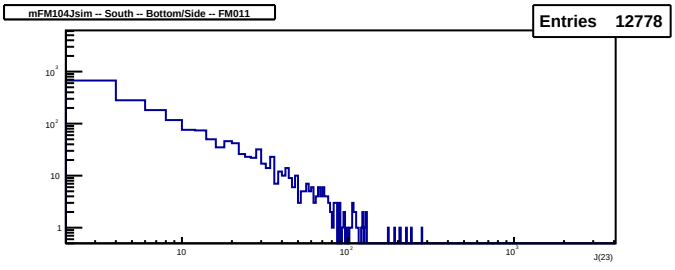

mFM104JP -- South -- Top -- FM010
Entries 40000

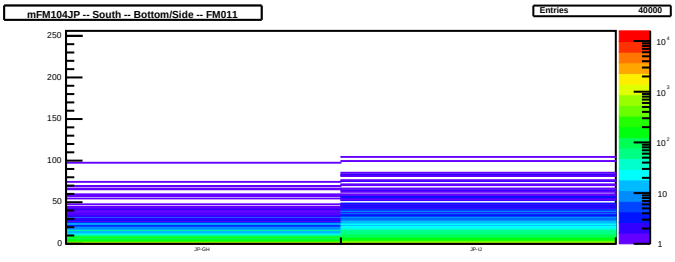

mFM104JPsim -- South -- Top -- FM010
Entries 16474

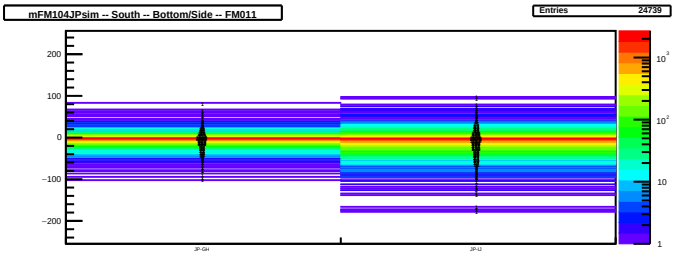

mFM104BS -- North -- Bottom/Side -- FM011
Entries 80000

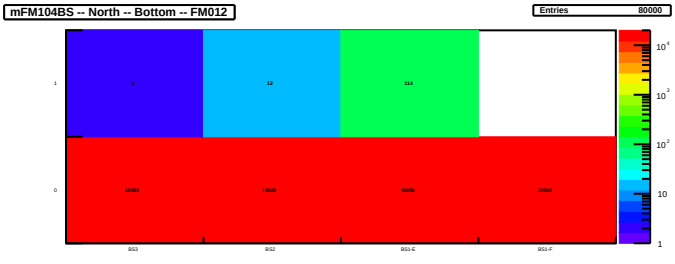

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1389

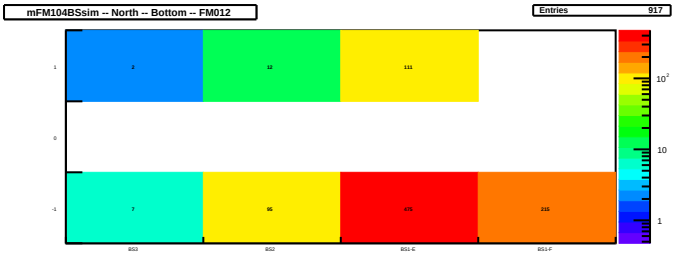

mFM104J -- South -- Bottom/Side -- FM011
Entries 20000
J(23)

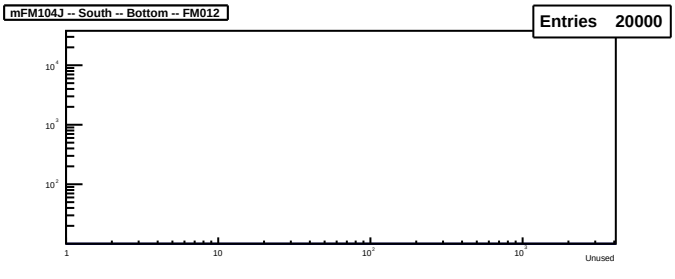

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 12778
J(23)

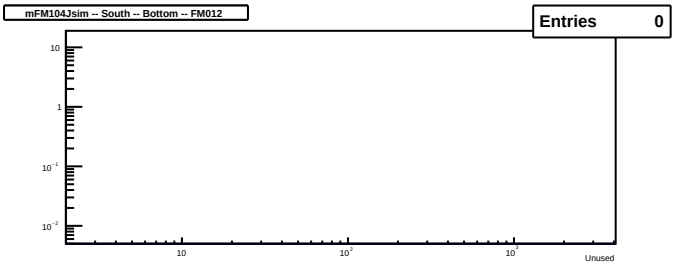

mFM104JP -- South -- Bottom/Side -- FM011
Entries 40000

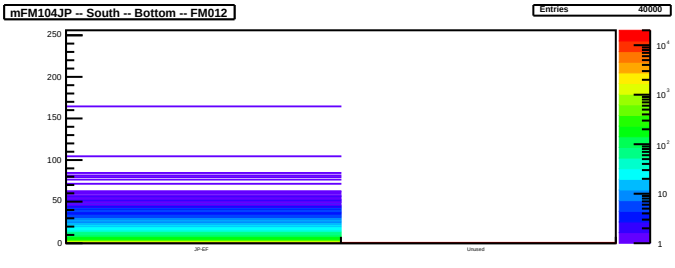

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 24739

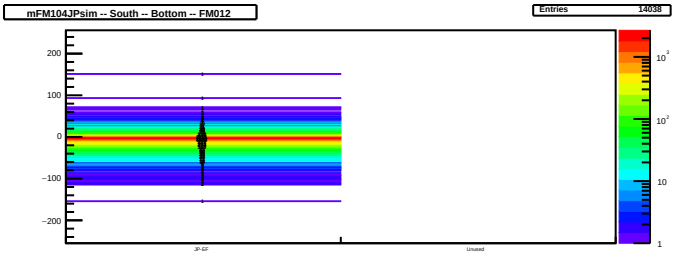

mFM104BS -- North -- Bottom -- FM012
Entries 80000

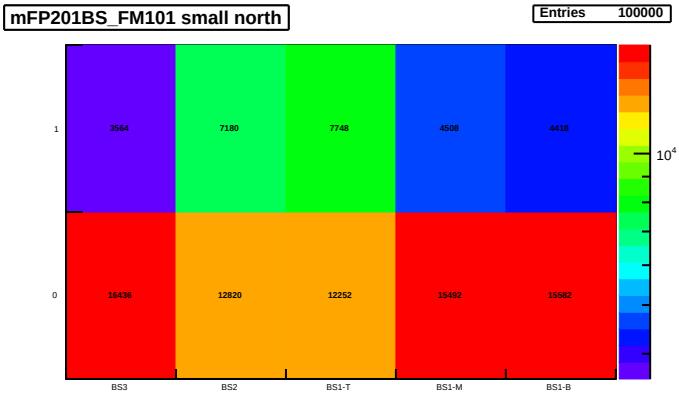

mFM104BSsim -- North -- Bottom -- FM012
Entries 917

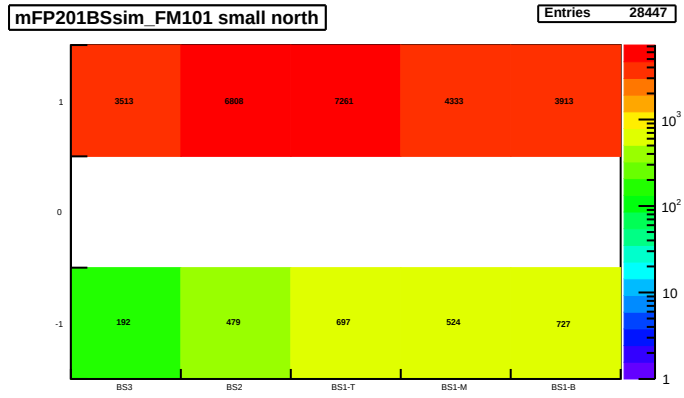

mFM104J -- South -- Bottom -- FM012
Entries 20000
Unused

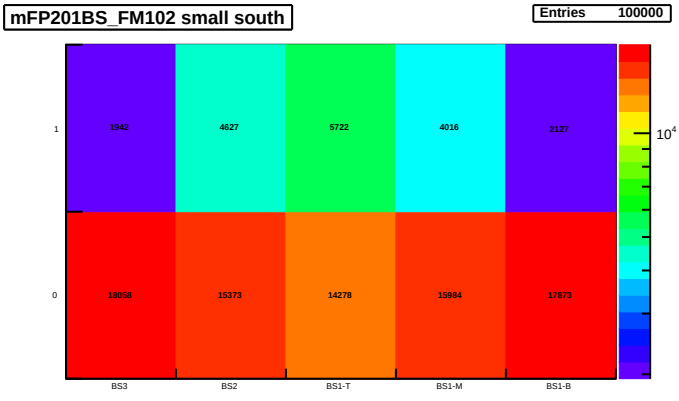

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

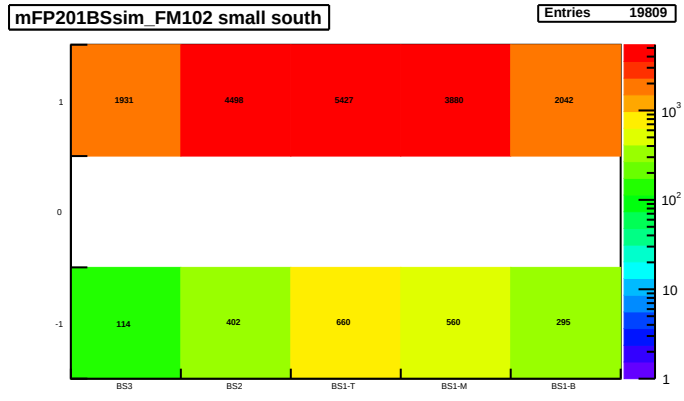

mFM104JP -- South -- Bottom -- FM012
Entries 40000

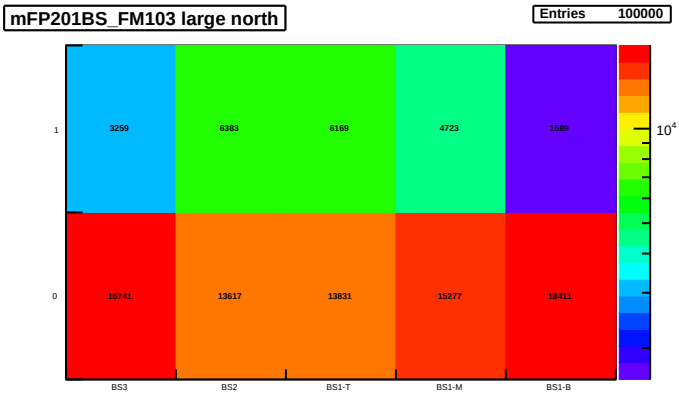

mFM104JPsim -- South -- Bottom -- FM012
Entries 14038

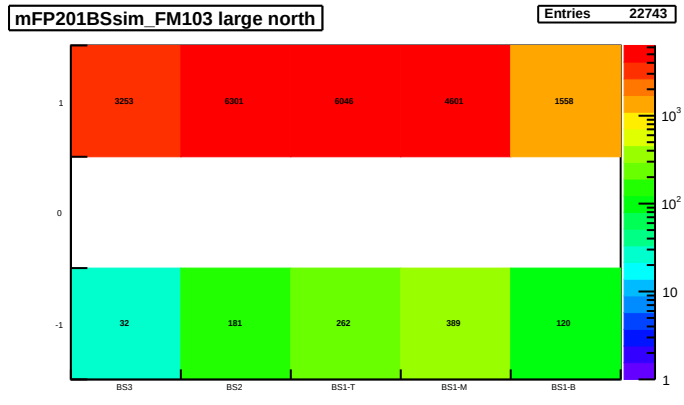

mFP201BS_FM101 small north
Entries 100000
3564
7180
7748
4508
4418
16436
12820
12252
15492
15582
BS3
BS2
BS1-T
BS1-M
BS1-B

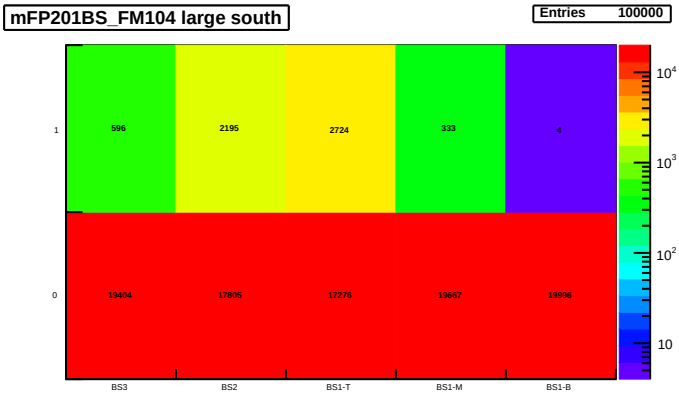

mFP201BSsim_FM101 small north
Entries 28447
3513
6808
7261
4333
3913
192
479
697
524
727
BS3
BS2
BS1-T
BS1-M
BS1-B

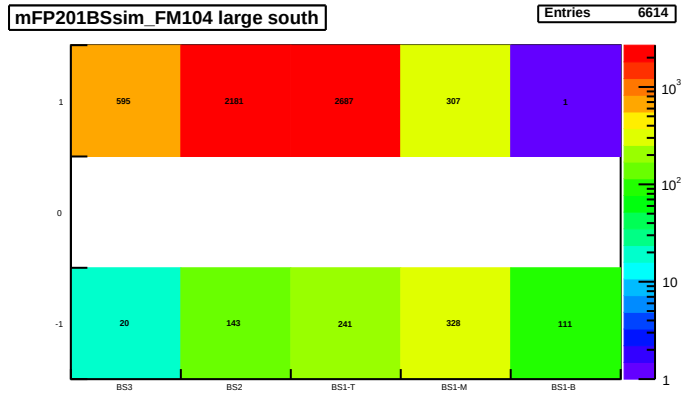

mFP201BS_FM102 small south
Entries 100000
1942
4627
5722
4016
2127
18058
15373
14278
15984
17873
BS3
BS2
BS1-T
BS1-M
BS1-B

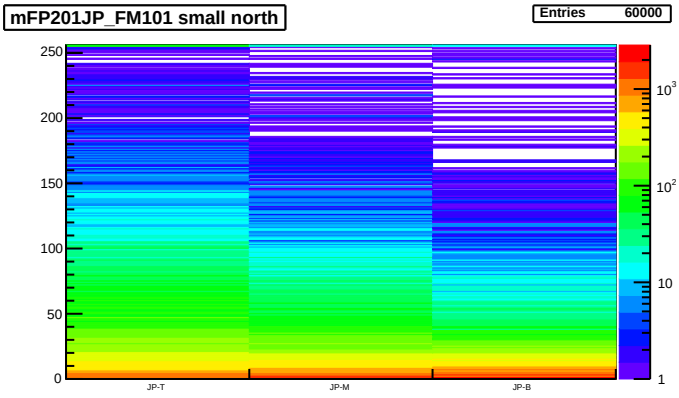

mFP201BSsim_FM102 small south
Entries 19809
1931
4498
5427
3880
2042
114
402
660
560
295
BS3
BS2
BS1-T
BS1-M
BS1-B

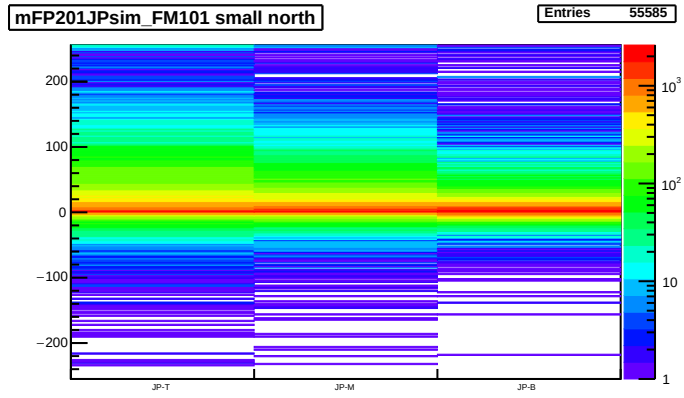

mFP201BS_FM103 large north
Entries 100000
3259
6383
6169
4723
1589
16741
13617
13831
15277
18411
BS3
BS2
BS1-T
BS1-M
BS1-B

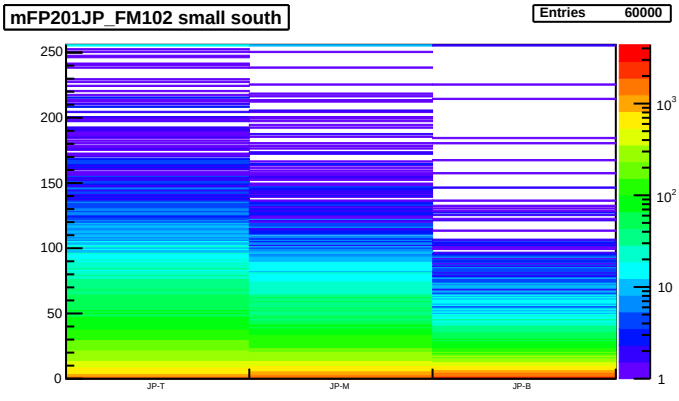

mFP201BSsim_FM103 large north
Entries 22743
3253
6301
6046
4601
1558
32
181
262
389
120
BS3
BS2
BS1-T
BS1-M
BS1-B

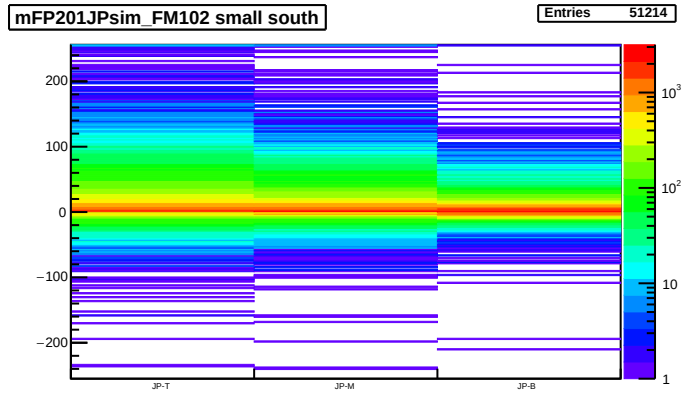

mFP201BS_FM104 large south
Entries 100000
596
2195
2724
333
4
19404
17805
17276
19667
19996
BS3
BS2
BS1-T
BS1-M
BS1-B

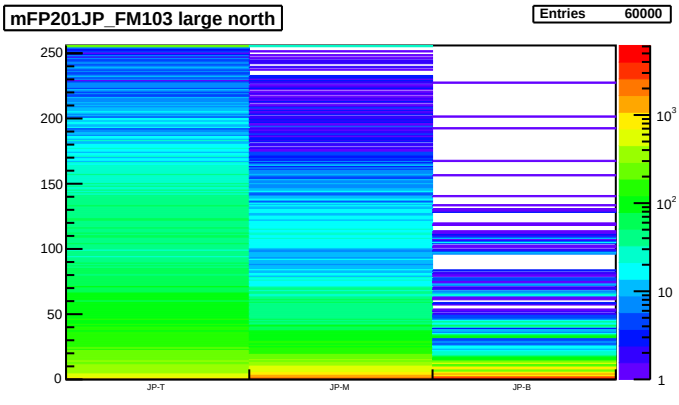

mFP201BSsim_FM104 large south
Entries 6614
595
2181
2687
307
1
20
143
241
328
111
BS3
BS2
BS1-T
BS1-M
BS1-B

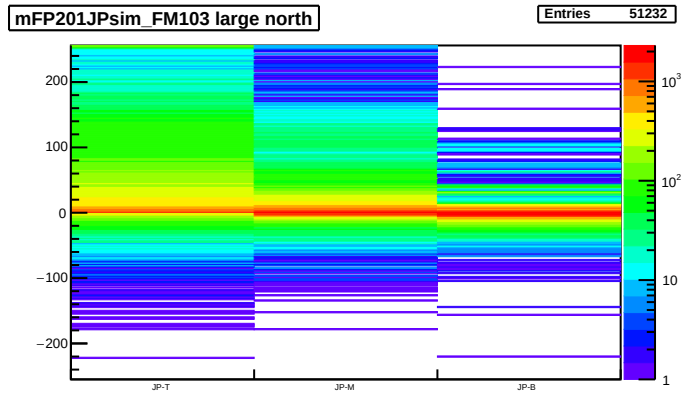

mFP201JP_FM101 small north
Entries 60000
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^3
10^2
10
1

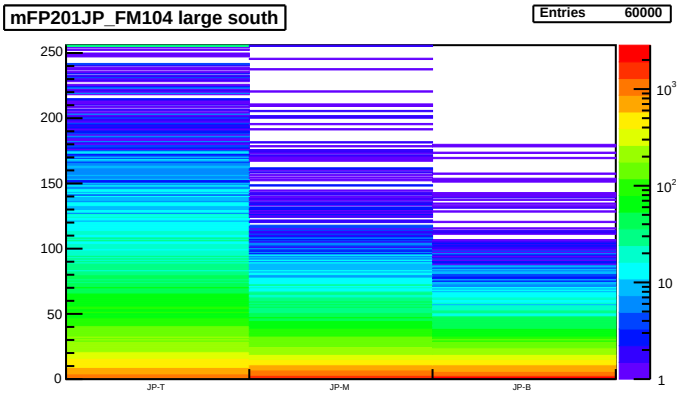

mFP201JPsim_FM101 small north
Entries 55585
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^3
10^2
10
1

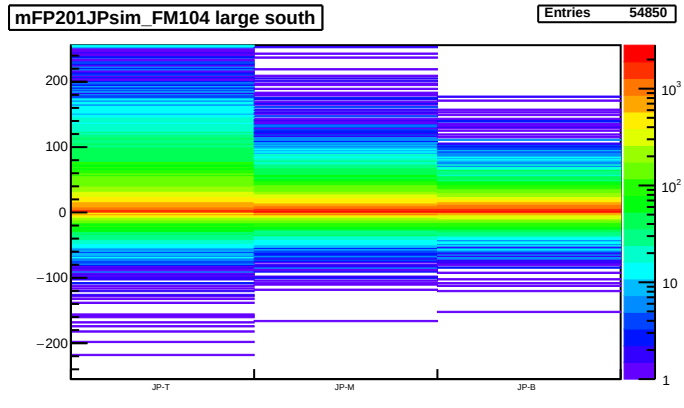

mFP201JP_FM102 small south
Entries 60000
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^3
10^2
10
1

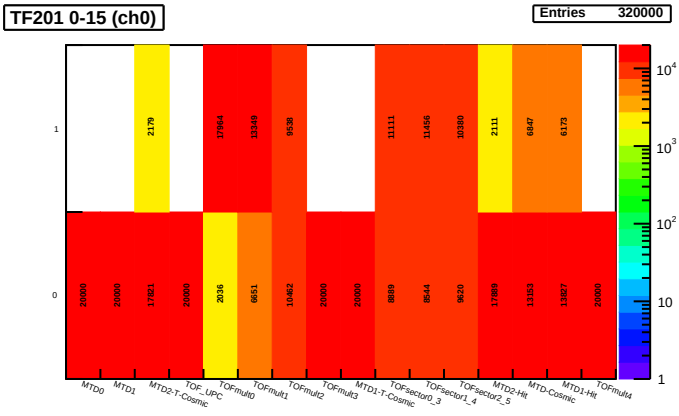

mFP201JPsim_FM102 small south
Entries 51214
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^3
10^2
10
1

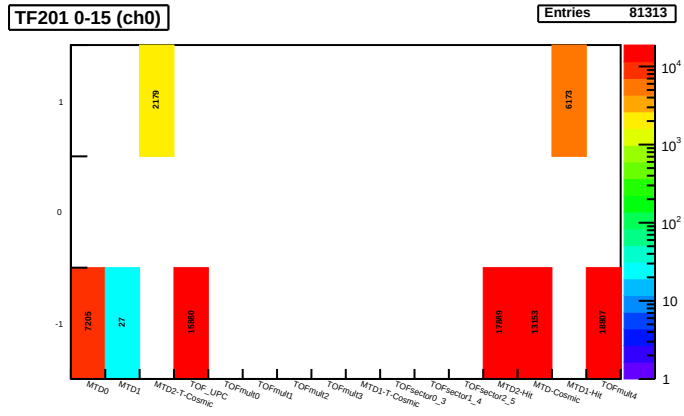

mFP201JP_FM103 large north
Entries 60000
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^3
10^2
10
1

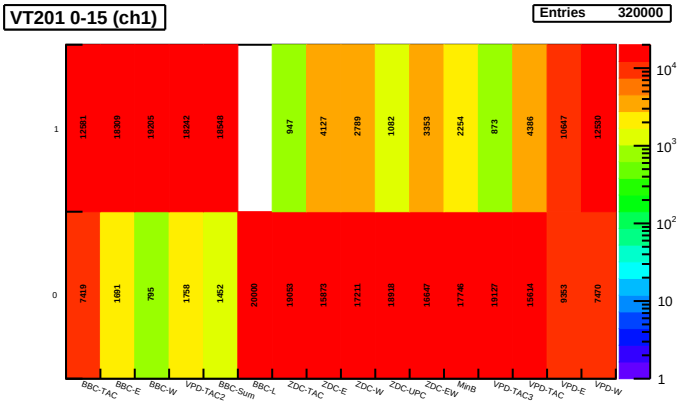

mFP201JPsim_FM103 large north
Entries 51232
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^3
10^2
10
1

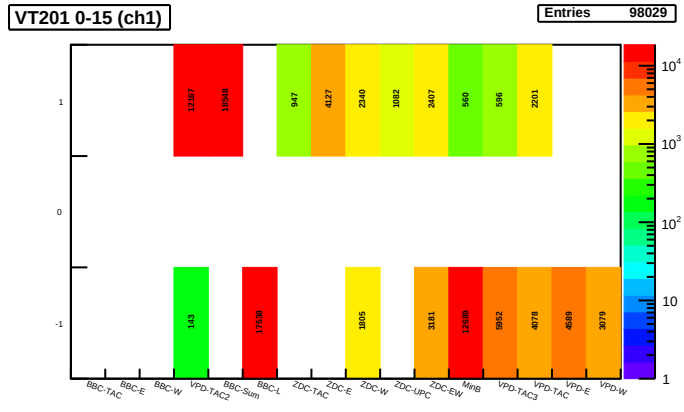

mFP201JP_FM104 large south
Entries 60000
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^3
10^2
10
1

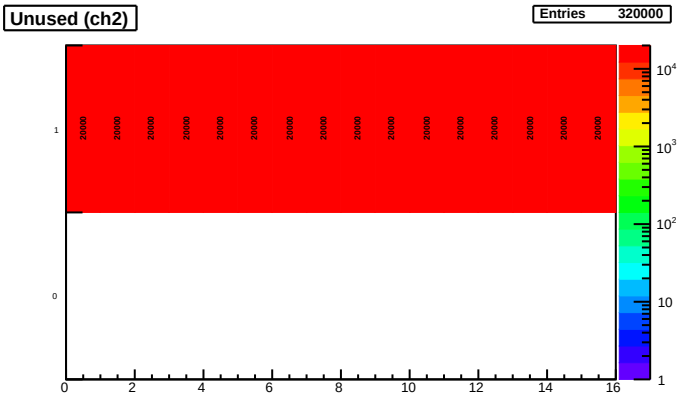

mFP201JPsim_FM104 large south
Entries 54850
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^3
10^2
10
1

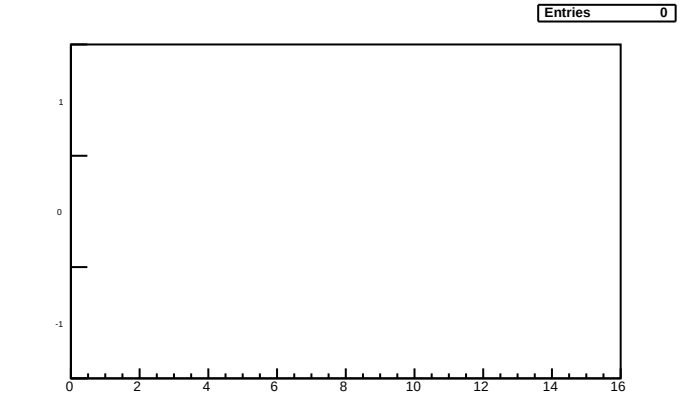

TF201 0-15 (ch0)
Entries 320000
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

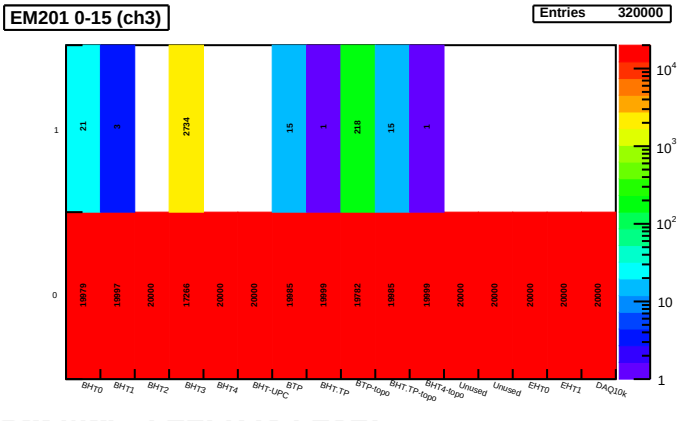

TF201 0-15 (ch0)
Entries 81313
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

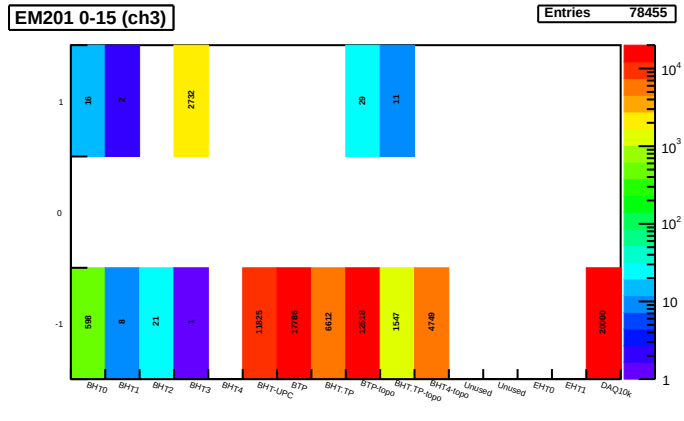

VT201 0-15 (ch1)
Entries 320000
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 98029
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

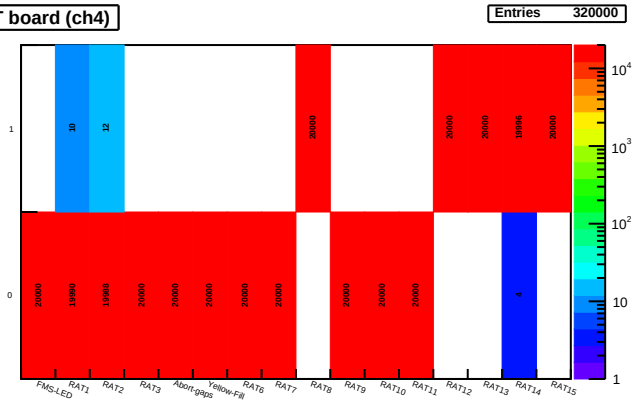

Unused (ch2)
Entries 320000

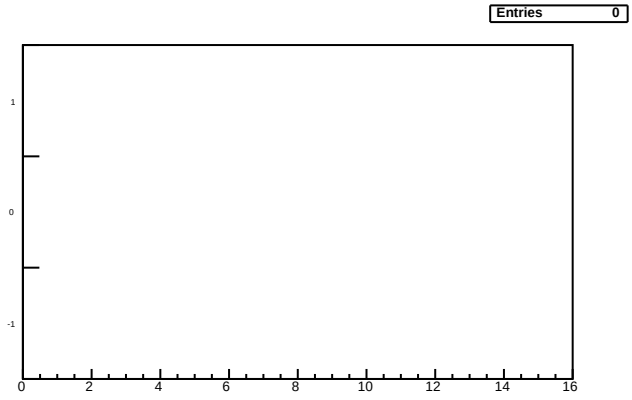

Entries 0


EM201 0-15 (ch3)
Entries 320000
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

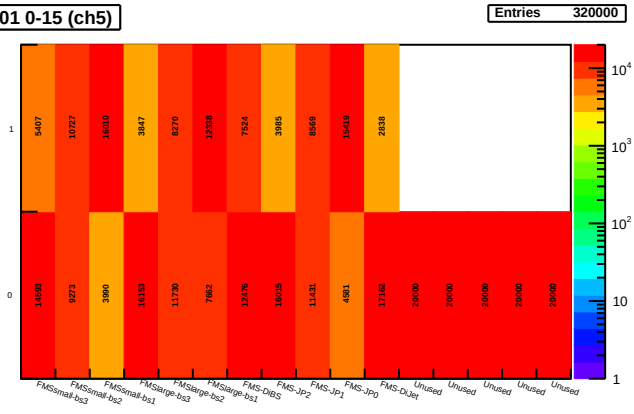

EM201 0-15 (ch3)
Entries 78455
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

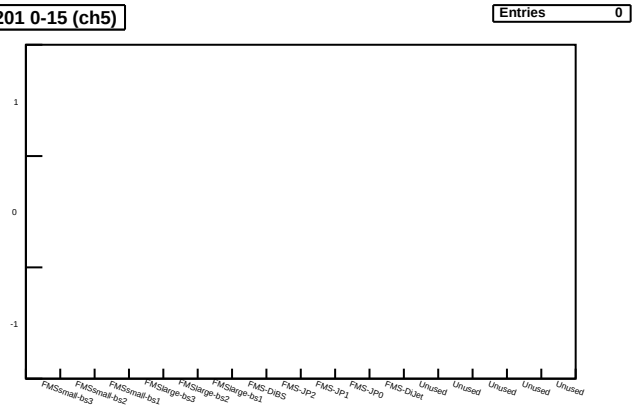




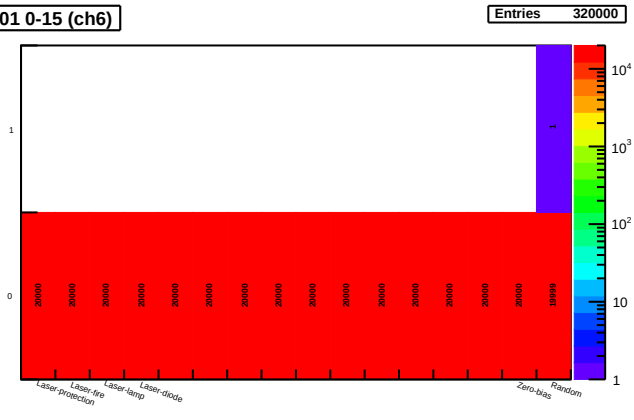
FP201 0-15 (ch5)

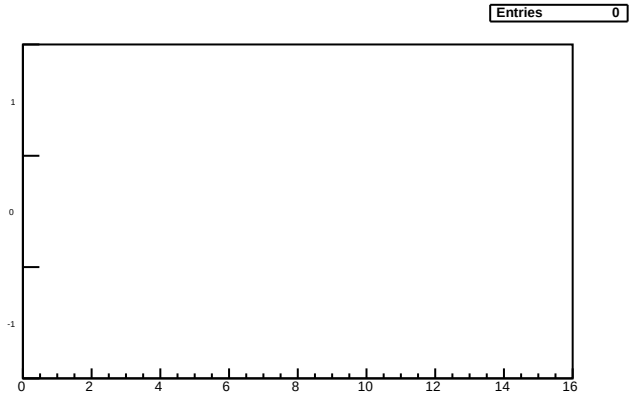
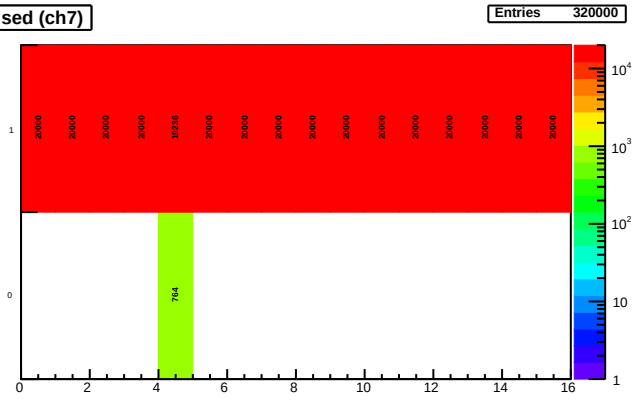
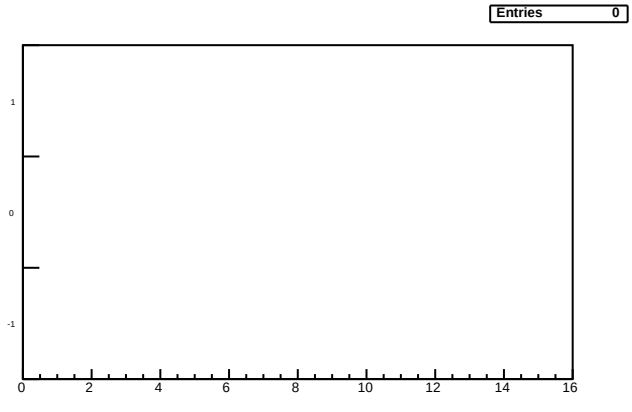


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)