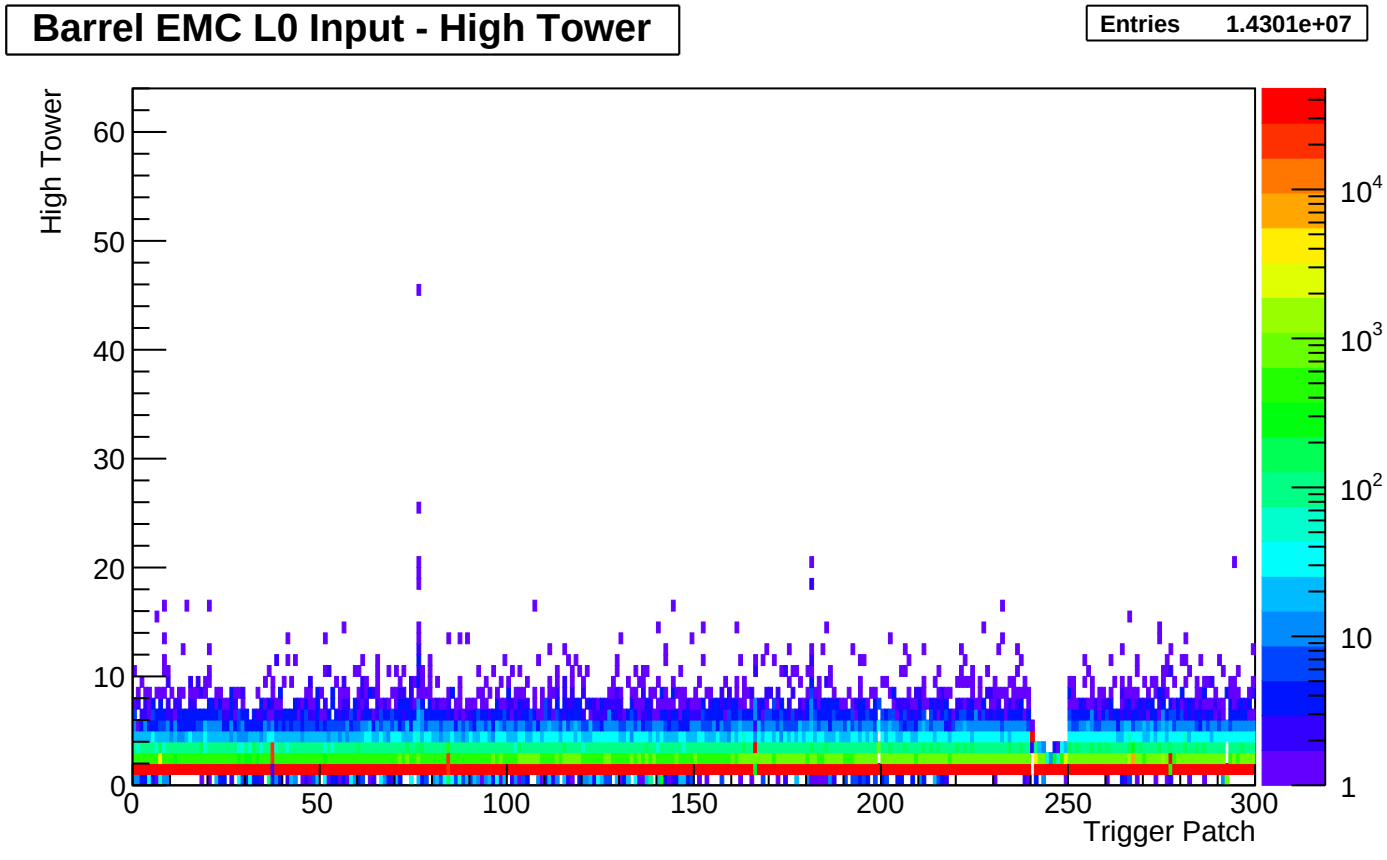
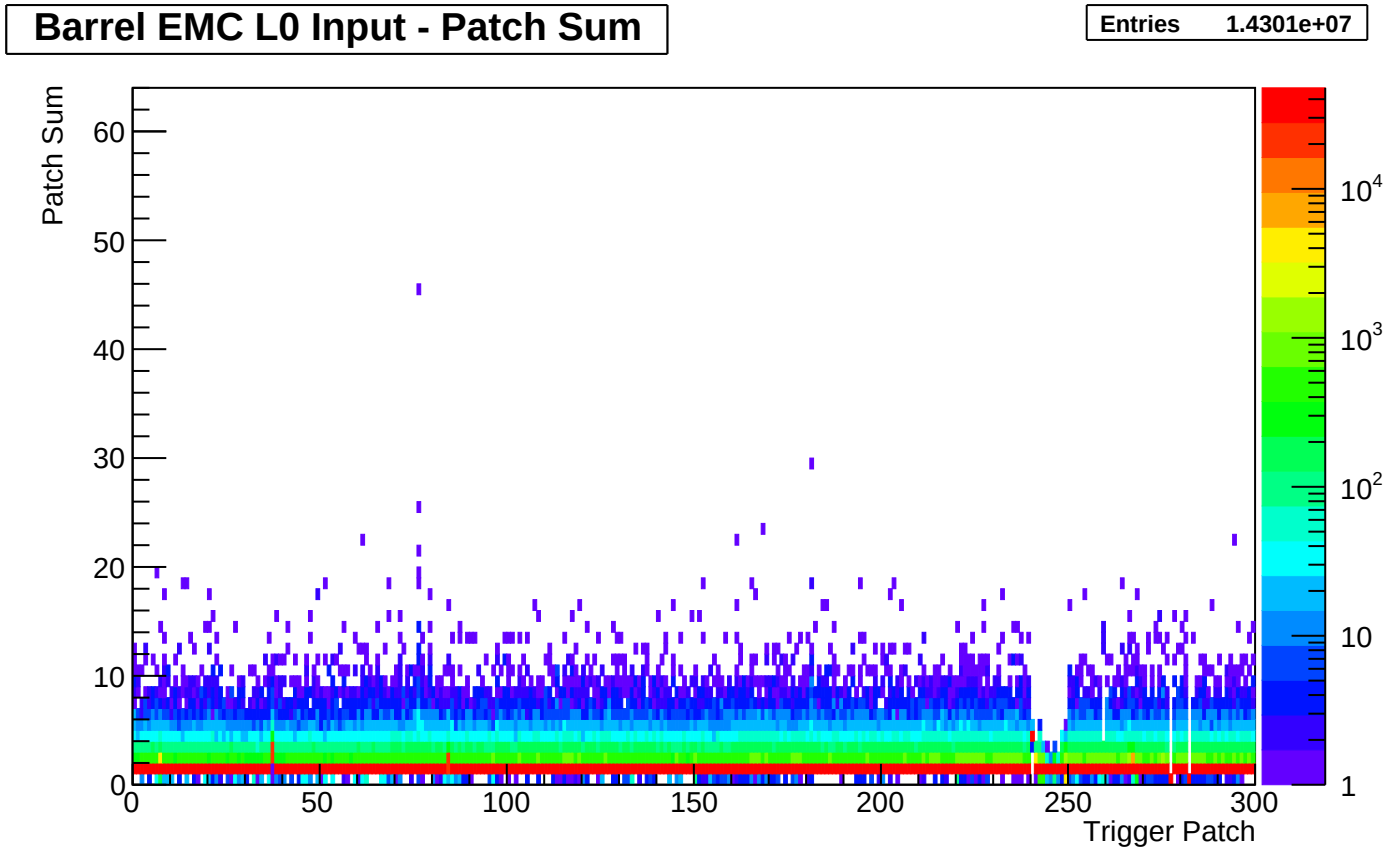
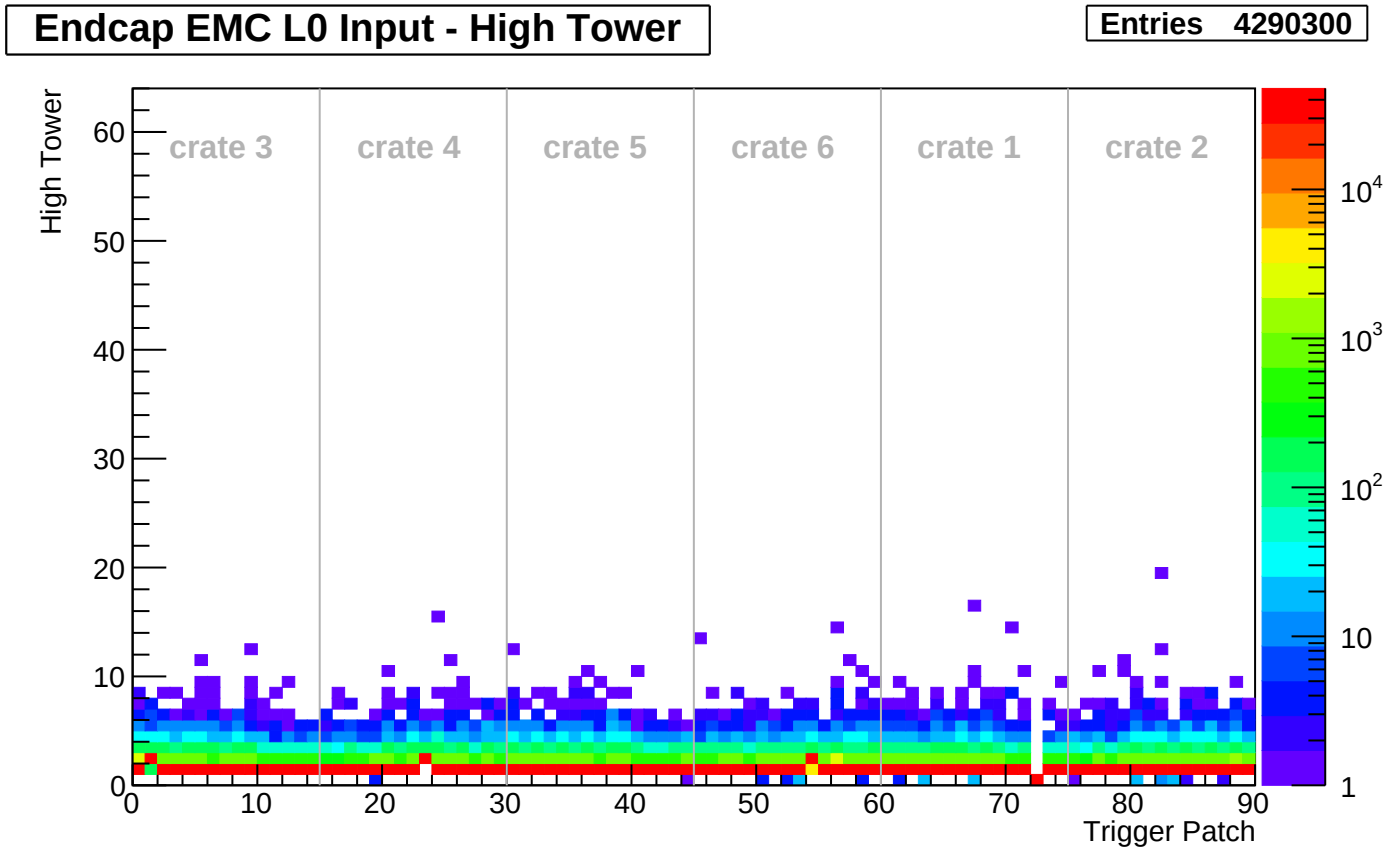
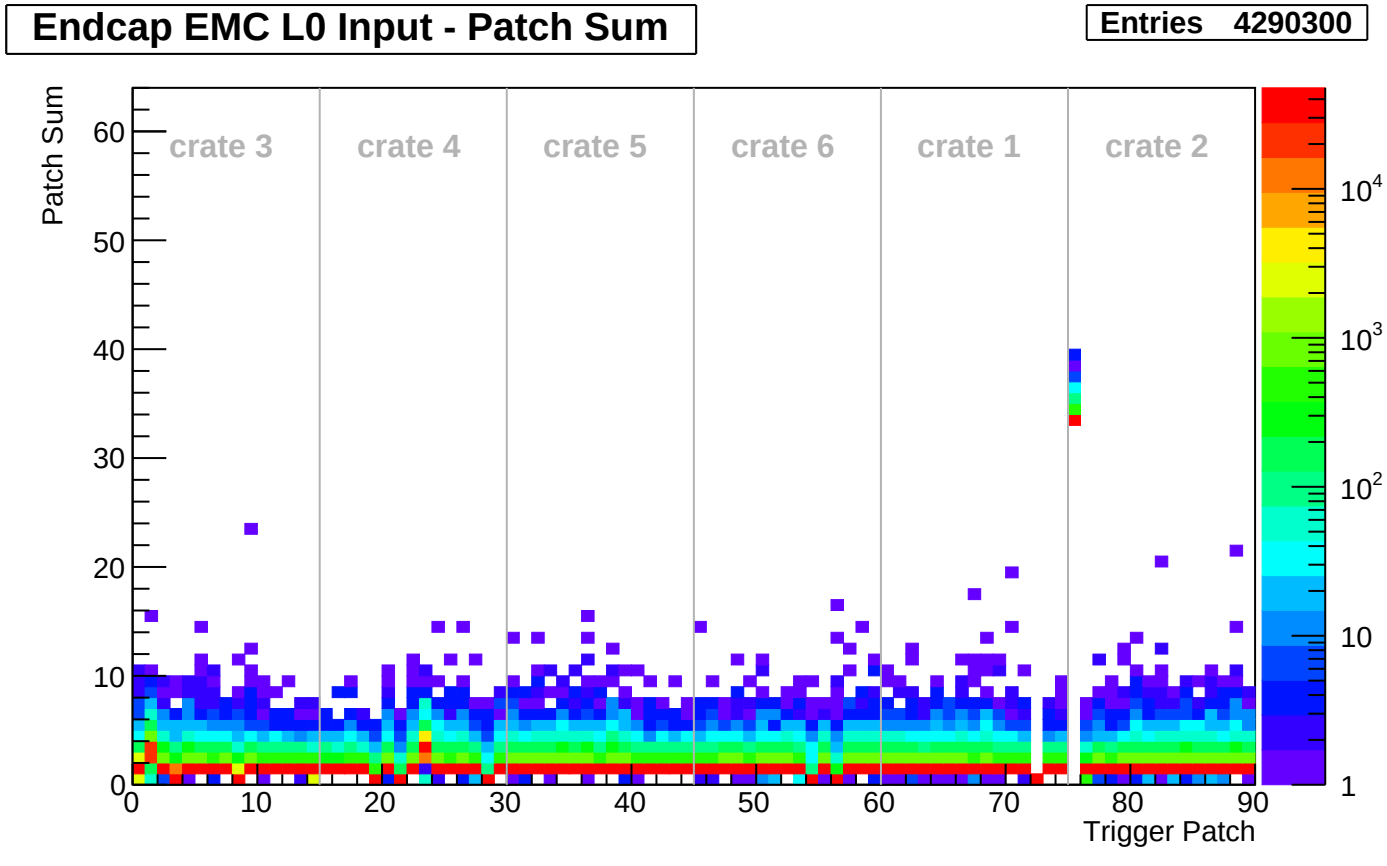
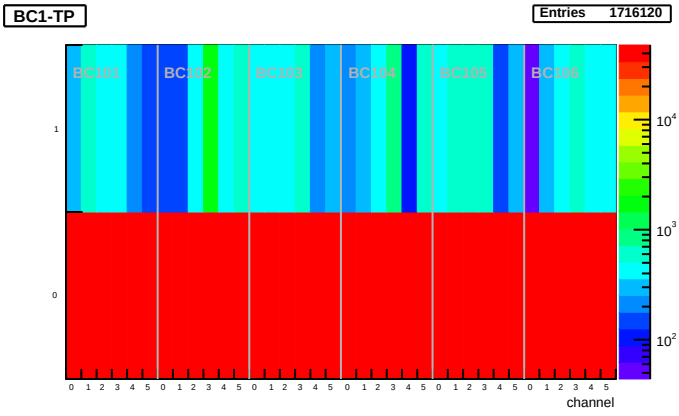
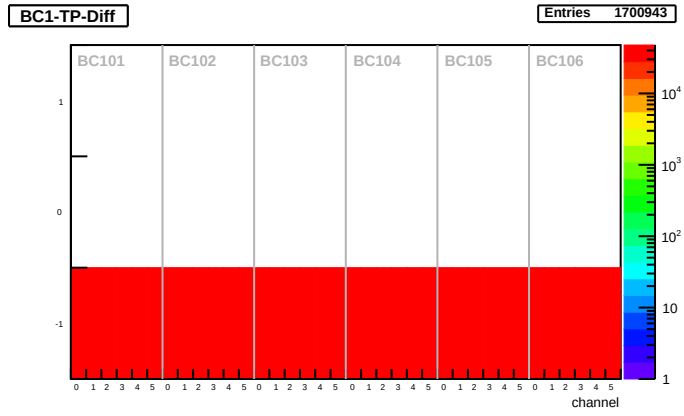

Barrel EMC L0 Input - High Tower
Entries 1.4301e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

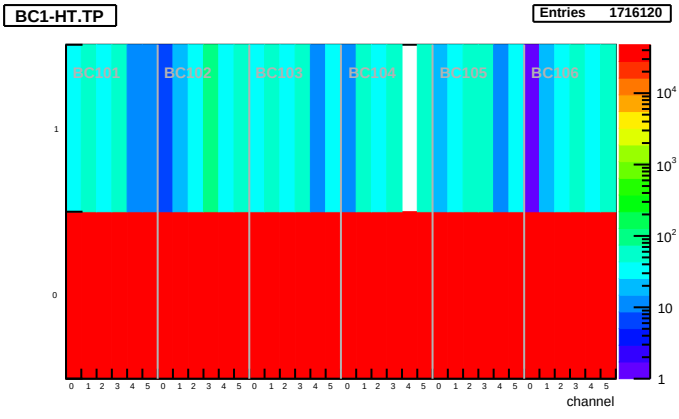

Barrel EMC L0 Input - Patch Sum
Entries 1.4301e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

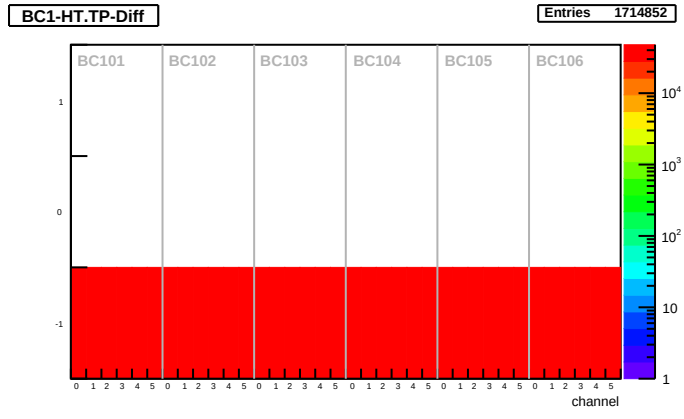

Endcap EMC L0 Input - High Tower
Entries 4290300
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

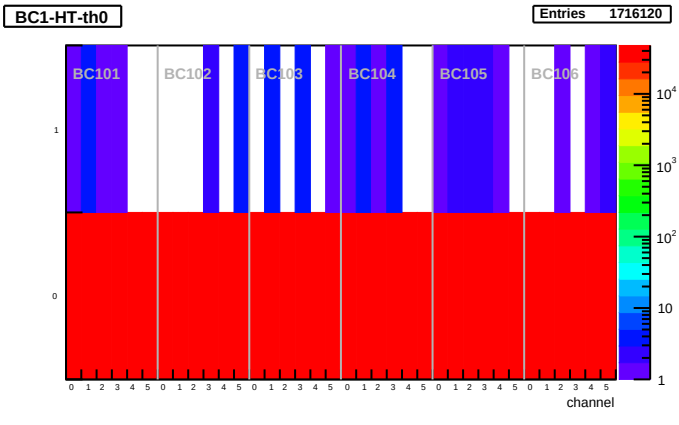

Endcap EMC L0 Input - Patch Sum
Entries 4290300
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

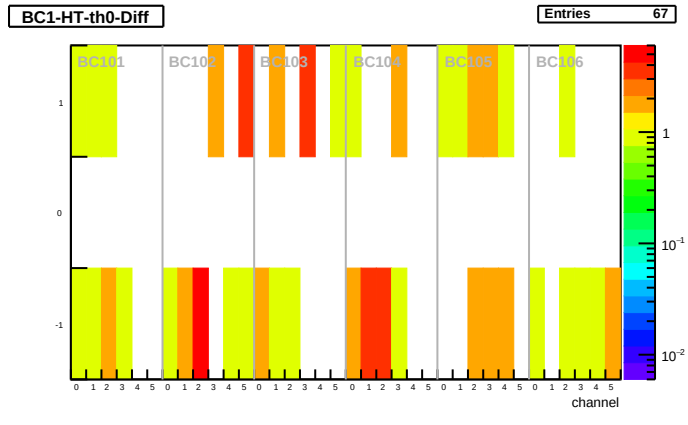

BC1-TP
Entries 1716120
BC101
BC102
BC103
BC104
BC105
BC106
channel

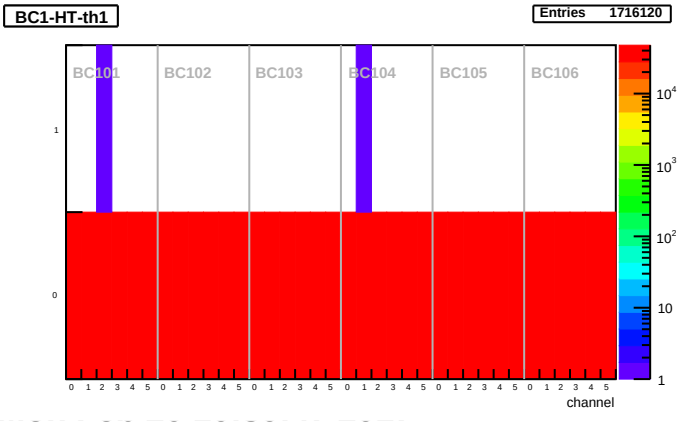

BC1-TP-Diff
Entries 1700943
BC101
BC102
BC103
BC104
BC105
BC106
channel

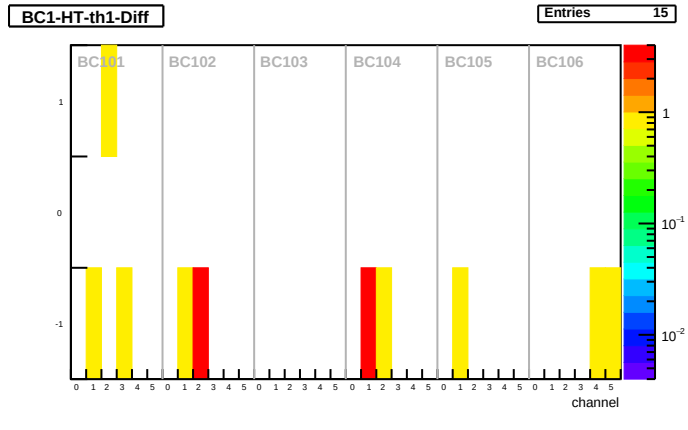

BC1-HT.TP
Entries 1716120
BC101
BC102
BC103
BC104
BC105
BC106
channel

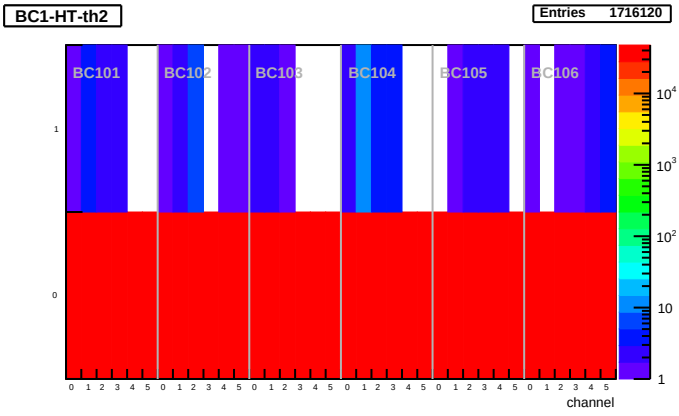

BC1-HT.TP-Diff
Entries 1714852
BC101
BC102
BC103
BC104
BC105
BC106
channel

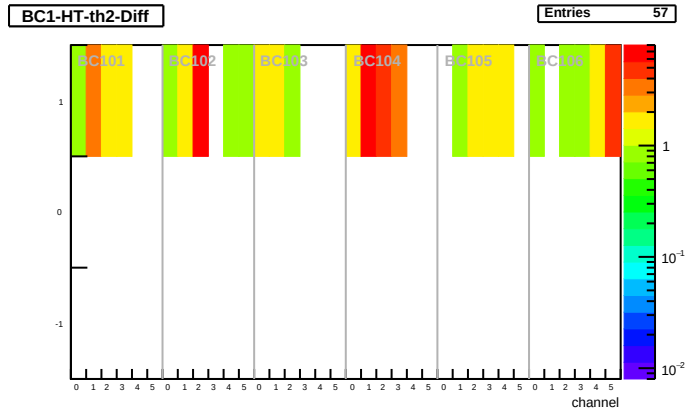

BC1-HT-th0
Entries 1716120
BC101
BC102
BC103
BC104
BC105
BC106
channel

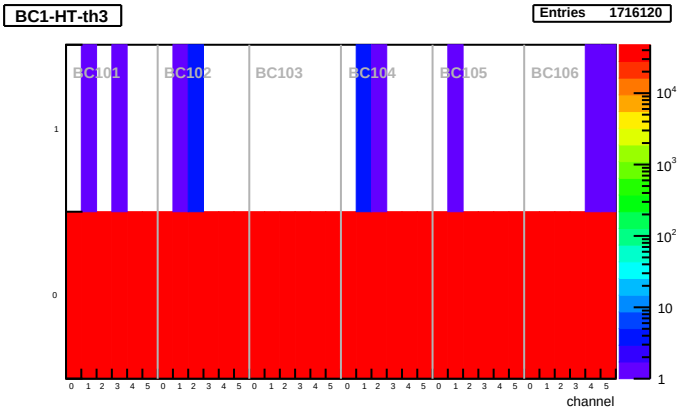

BC1-HT-th0-Diff
Entries 67
BC101
BC102
BC103
BC104
BC105
BC106
channel

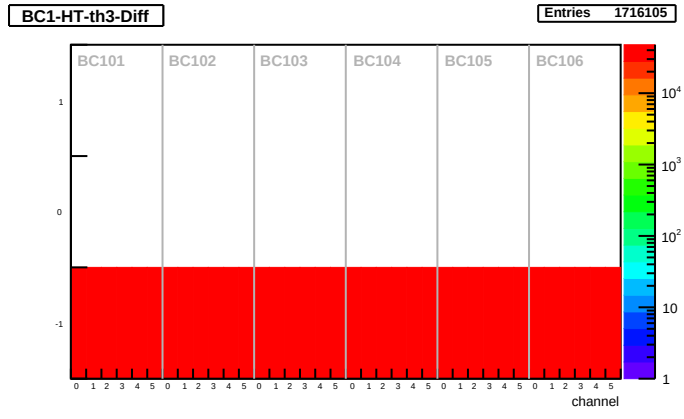

BC1-HT-th1
Entries 1716120
BC101
BC102
BC103
BC104
BC105
BC106
channel

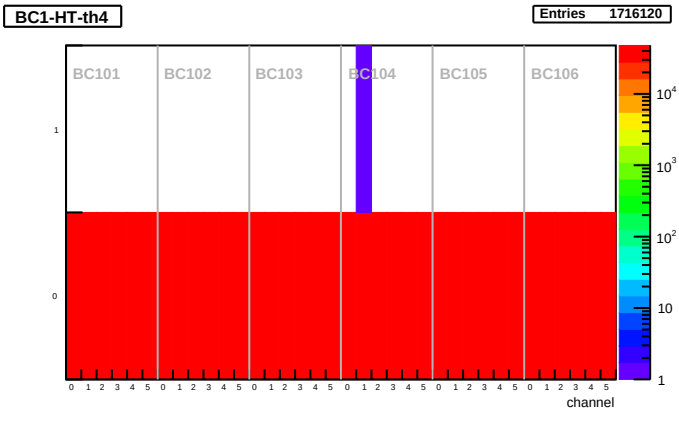

BC1-HT-th1-Diff
Entries 15
BC101
BC102
BC103
BC104
BC105
BC106
channel

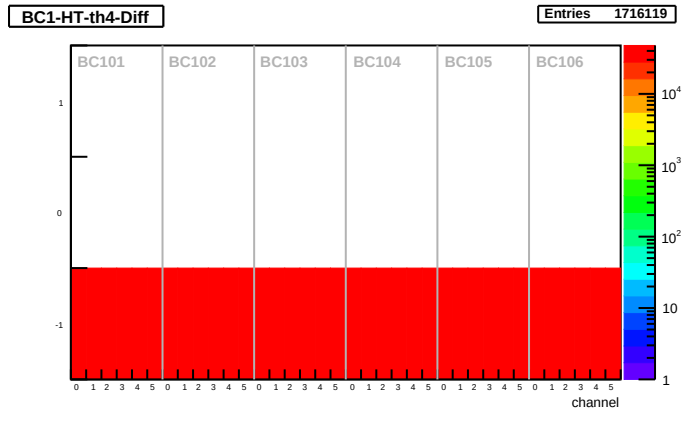

BC1-HT-th2
Entries 1716120
BC101
BC102
BC103
BC104
BC105
BC106
channel

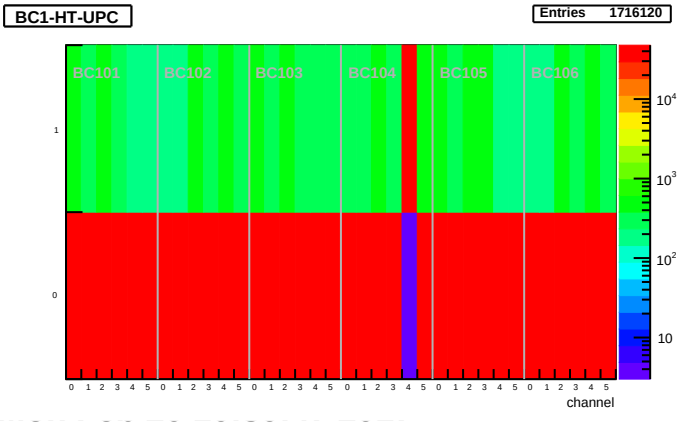

BC1-HT-th2-Diff
Entries 57
BC101
BC102
BC103
BC104
BC105
BC106
channel

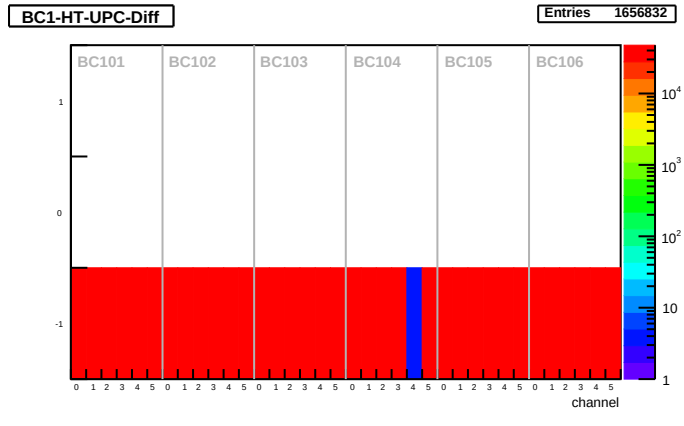

BC1-HT-th3
Entries 1716120
BC101
BC102
BC103
BC104
BC105
BC106
channel

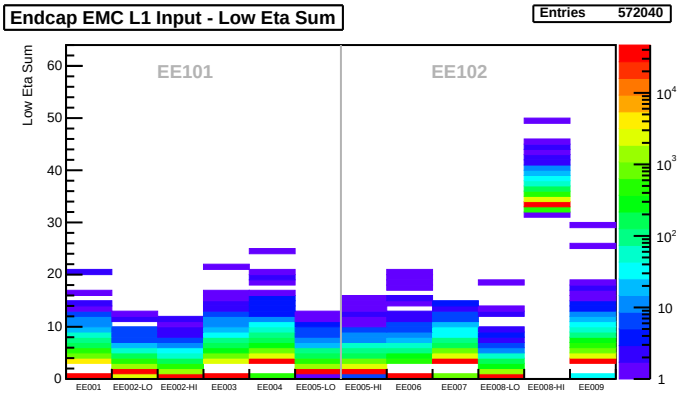

BC1-HT-th3-Diff
Entries 1716105
BC101
BC102
BC103
BC104
BC105
BC106
channel

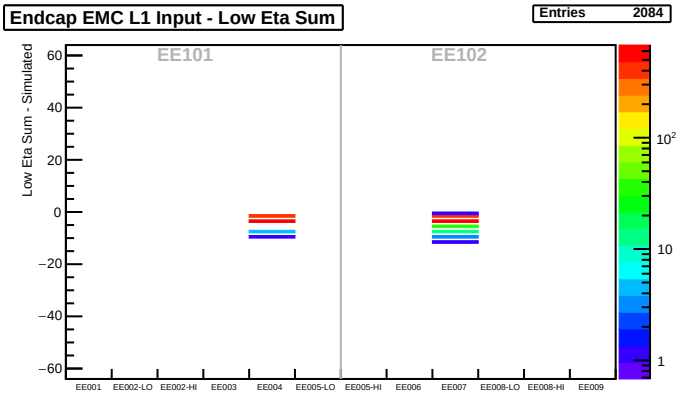

BC1-HT-th4
Entries 1716120
BC101
BC102
BC103
BC104
BC105
BC106
channel

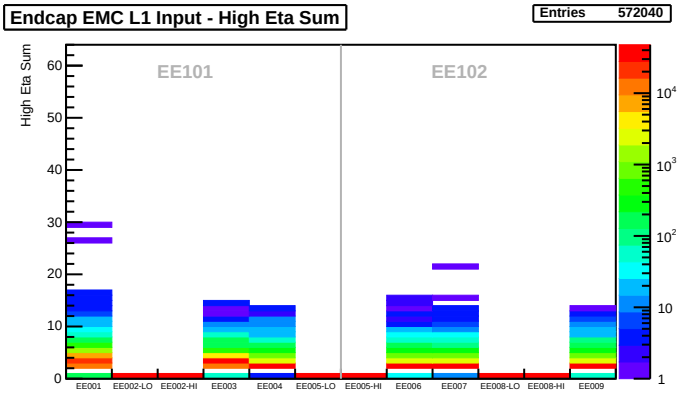

BC1-HT-th4-Diff
Entries 1716119
BC101
BC102
BC103
BC104
BC105
BC106
channel

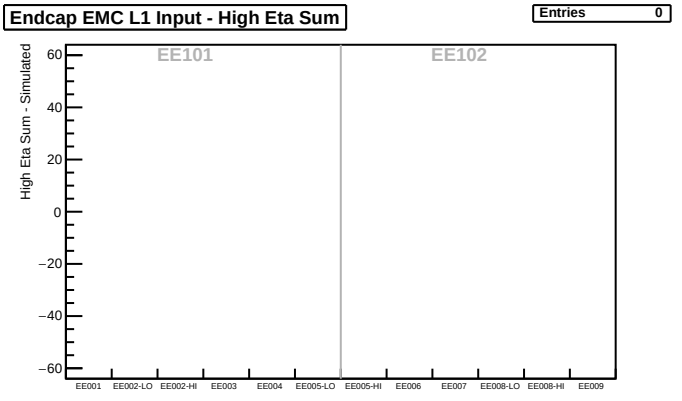

BC1-HT-UPC
Entries 1716120
BC101
BC102
BC103
BC104
BC105
BC106
channel

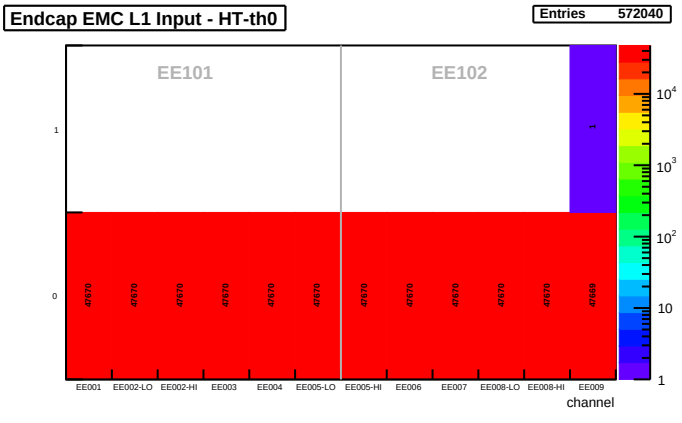

BC1-HT-UPC-Diff
Entries 1656832
BC101
BC102
BC103
BC104
BC105
BC106
channel

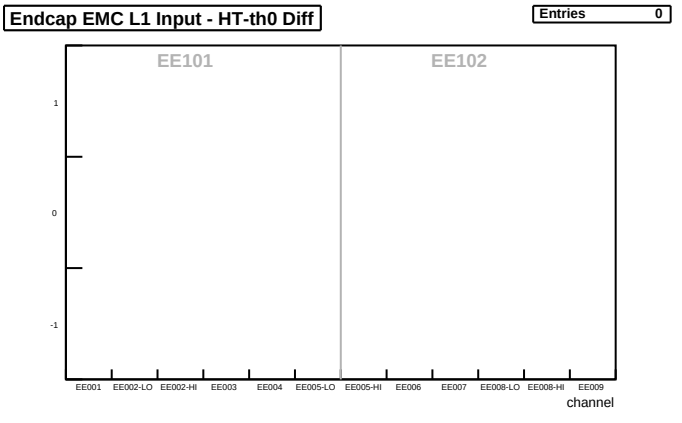

Endcap EMC L1 Input - Low Eta Sum
Entries 572040
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

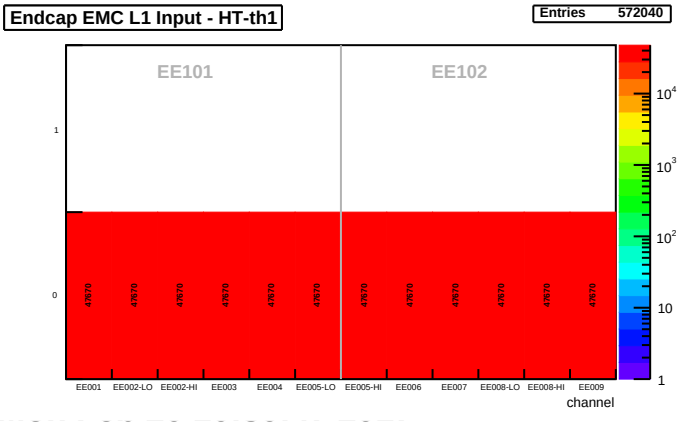

Endcap EMC L1 Input - Low Eta Sum
Entries 2084
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

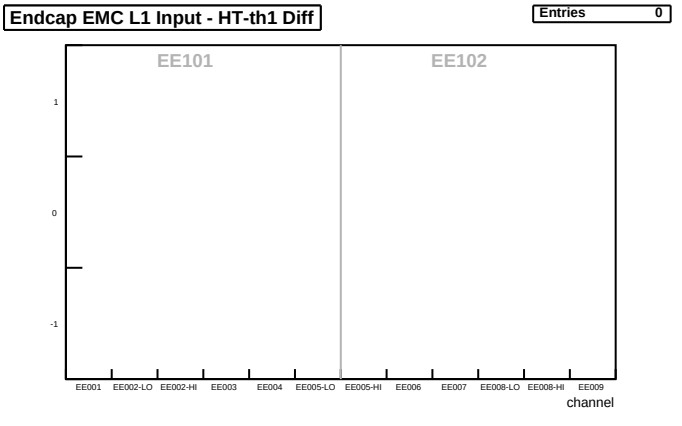

Endcap EMC L1 Input - High Eta Sum
Entries 572040
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

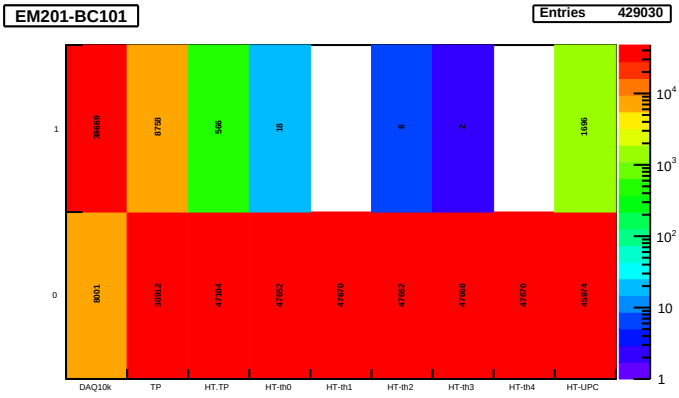

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

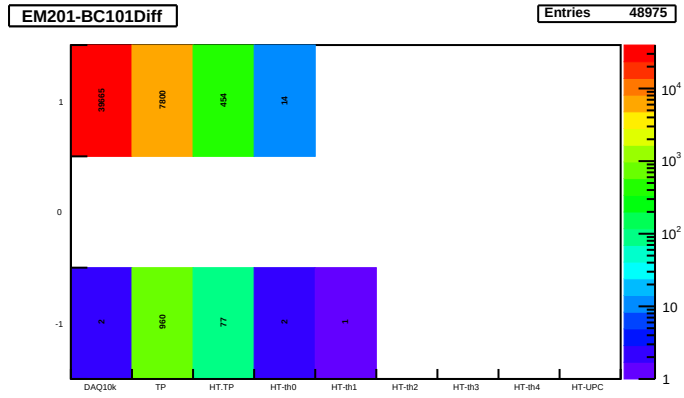

Endcap EMC L1 Input - HT-th0
Entries 572040
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

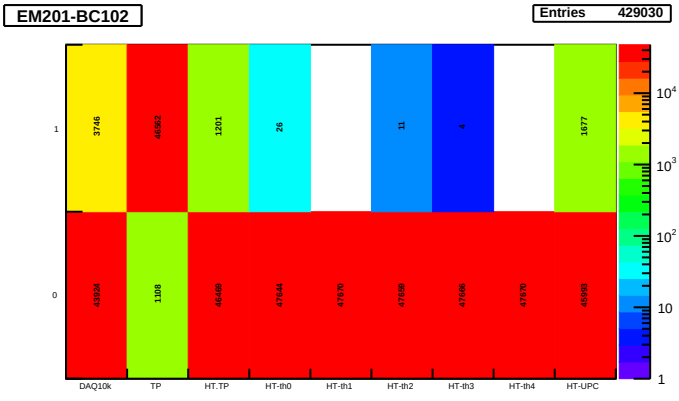

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

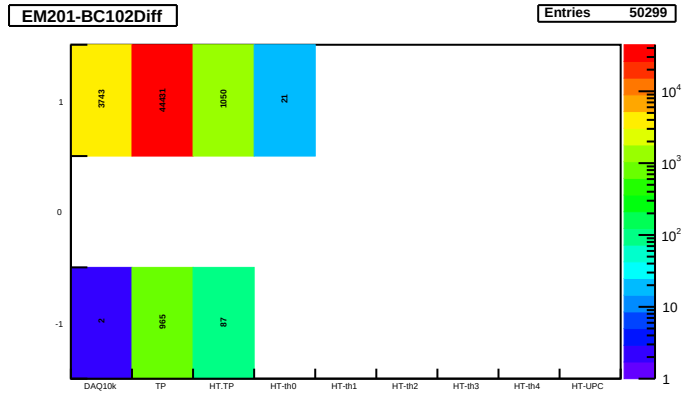

Endcap EMC L1 Input - HT-th1
Entries 572040
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

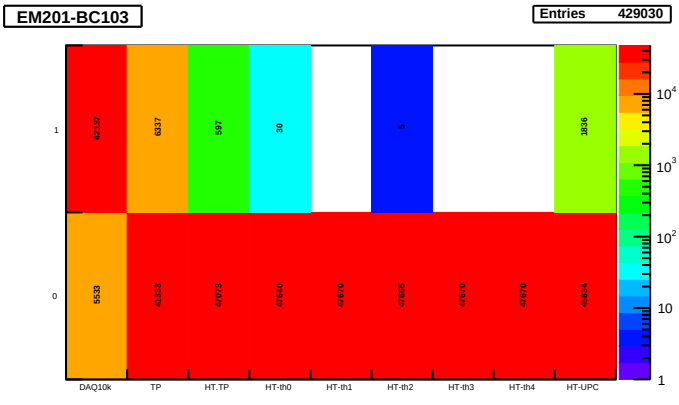

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

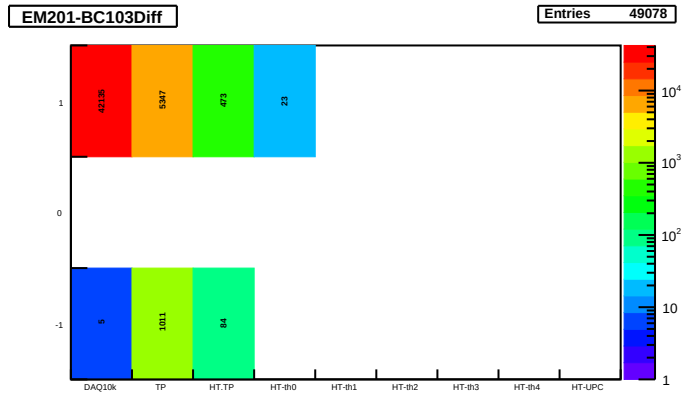

EM201-BC101
Entries 429030
1
0
39669
8758
566
18
8
2
1696
8001
38812
47104
47652
47670
47662
47668
47670
45974
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

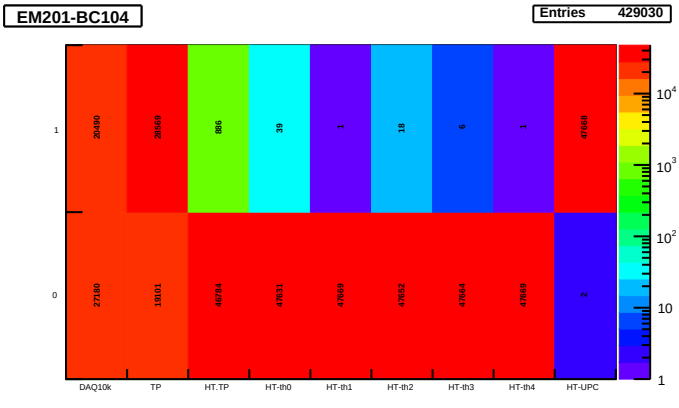

EM201-BC101Diff
Entries 48975
1
0
-1
39665
7800
454
14
2
960
77
2
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

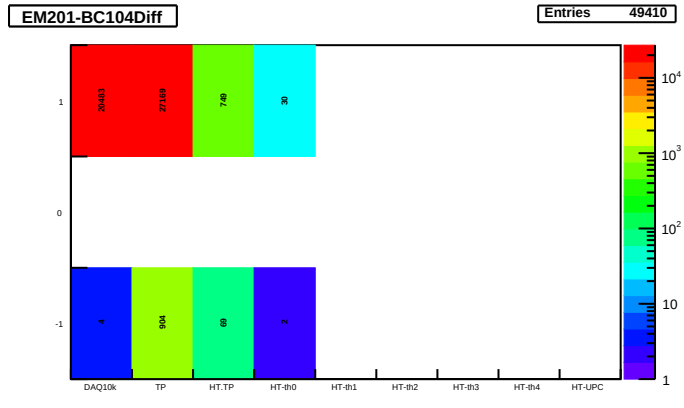

EM201-BC102
Entries 429030
1
0
3746
45562
1201
26
11
4
1677
43924
1108
46469
47644
47670
47659
47666
47670
45993
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 50299
1
0
-1
3743
44431
1050
21
2
965
87
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

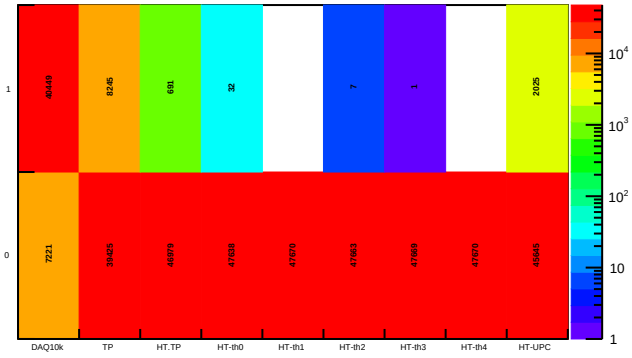

EM201-BC103
Entries 429030
1
0
42137
6337
597
30
5
1836
5533
41333
47073
47540
47670
47665
47670
47670
45834
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 49078
1
0
-1
42135
5347
473
23
5
1011
84
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

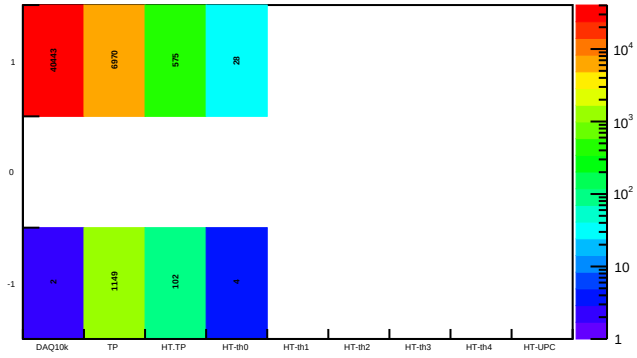

EM201-BC104
Entries 429030
1
0
20490
28569
886
39
1
18
6
1
47668
27180
18101
46784
47631
47669
47652
47664
47669
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 49410
1
0
-1
20483
27169
749
30
4
904
69
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

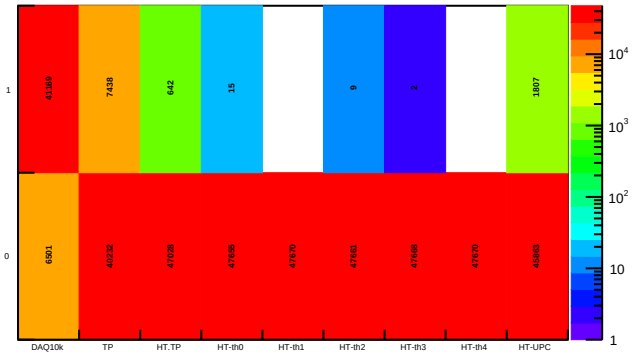
EM201-BC105 Entries 429030



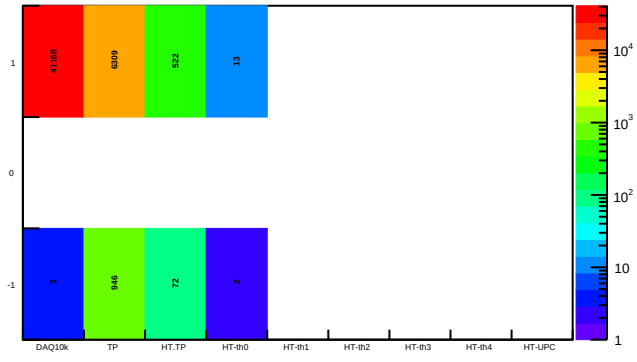
EM201-BC105Diff Entries 49273



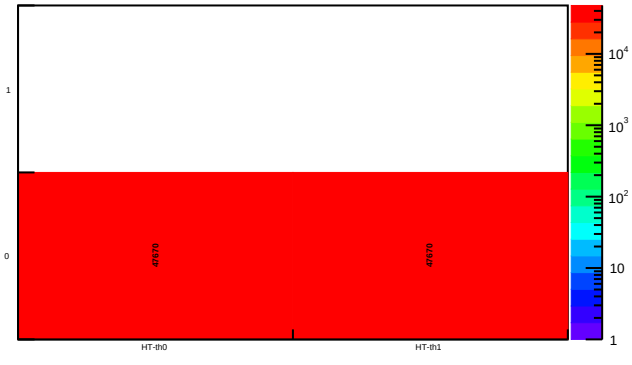
EM201-BC106 Entries 429030



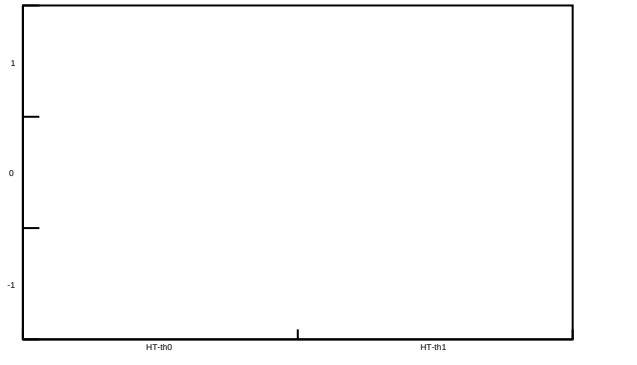
EM201-BC106Diff Entries 49035



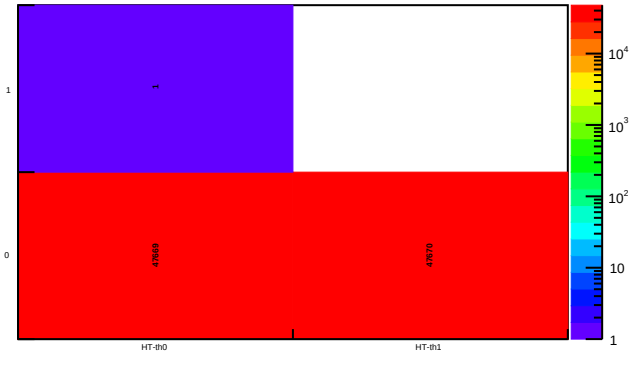
EM201-EE101 Entries 95340



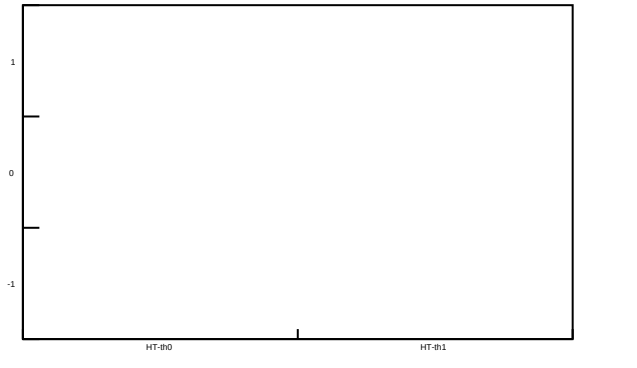
EM201-EE101Diff Entries 0

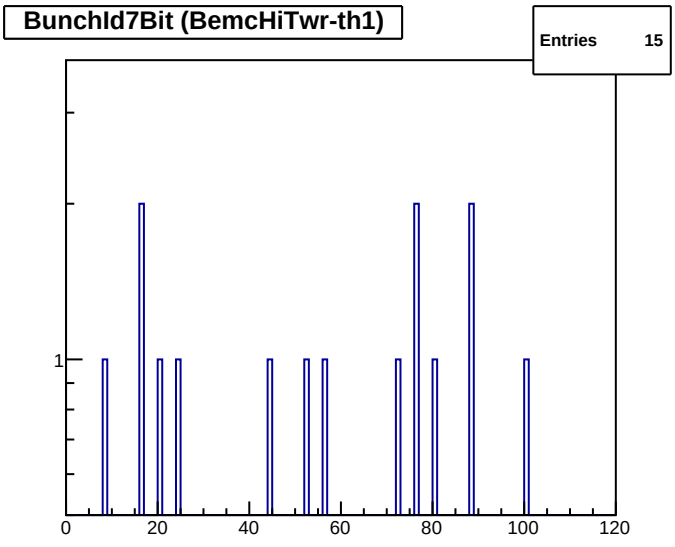


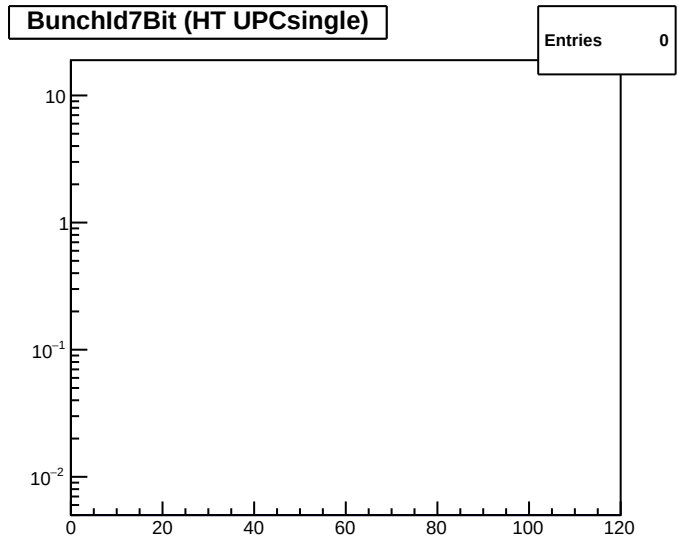
EM201-EE102 Entries 95340

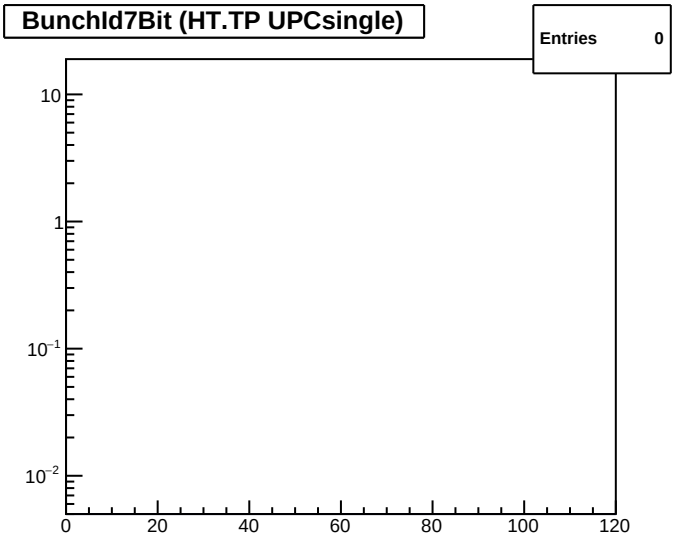


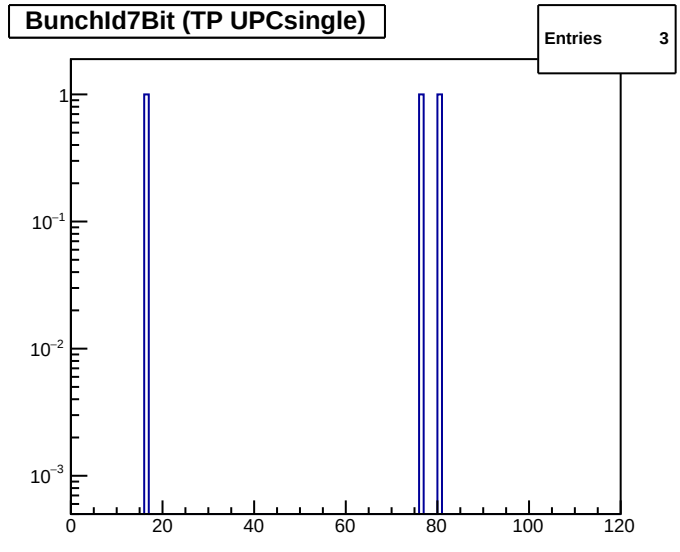
EM201-EE102Diff Entries 0

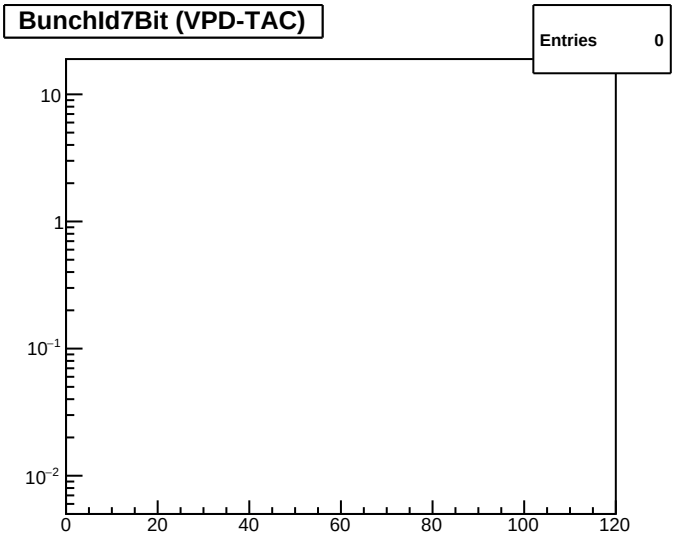


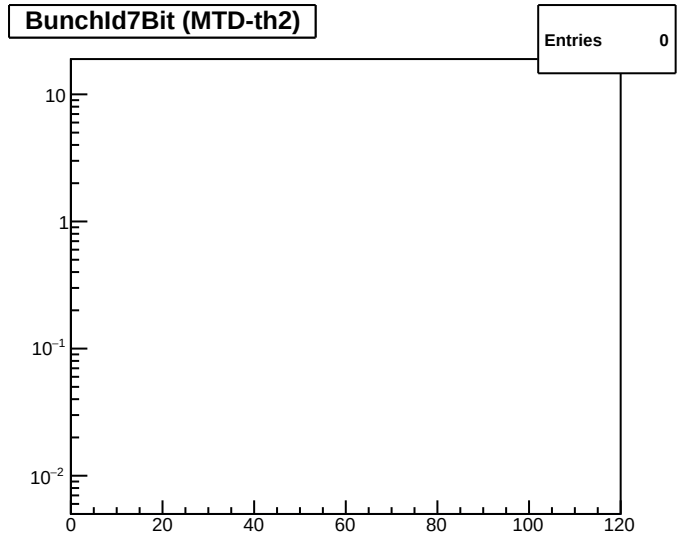

BunchId7Bit (BemcHiTwr-th1)
Entries 15
1
0 20 40 60 80 100 120

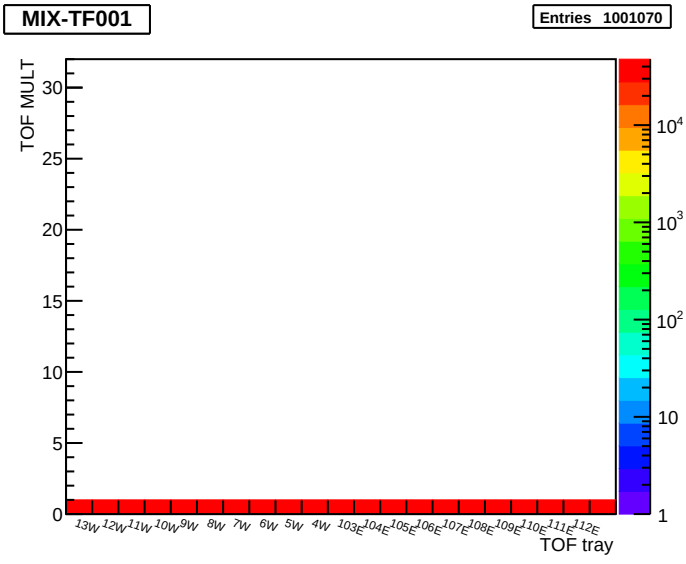

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

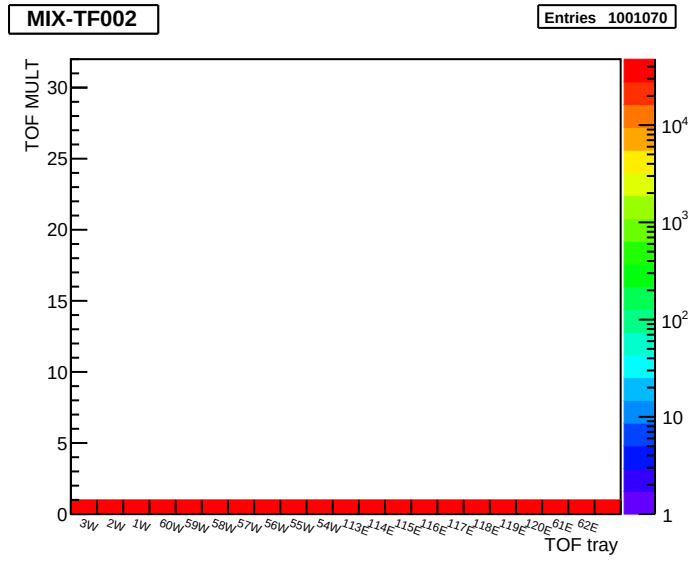

BunchId7Bit (HT.TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

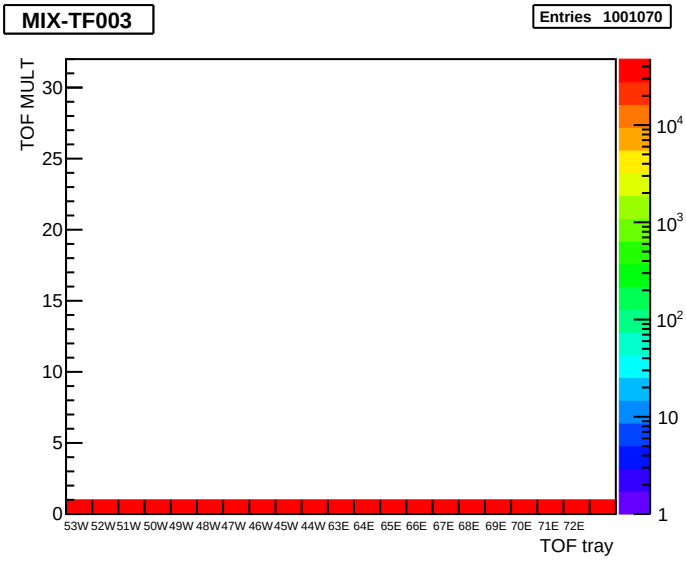

BunchId7Bit (TP UPCsingle)
Entries 3
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

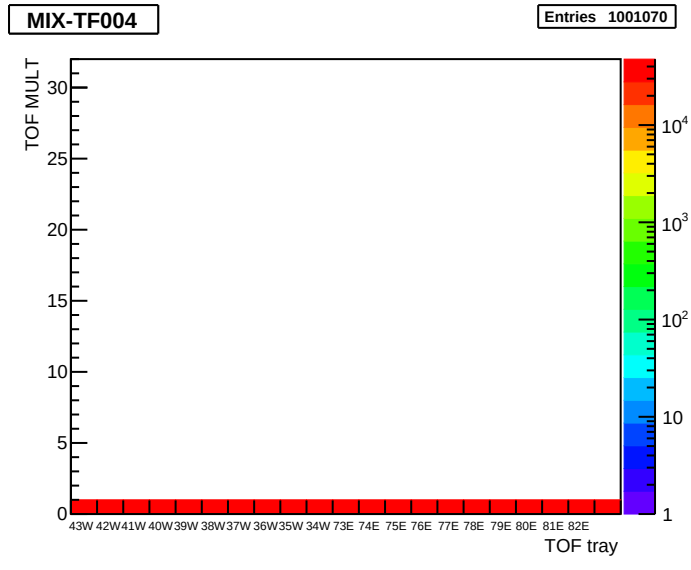

BunchId7Bit (VPD-TAC)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

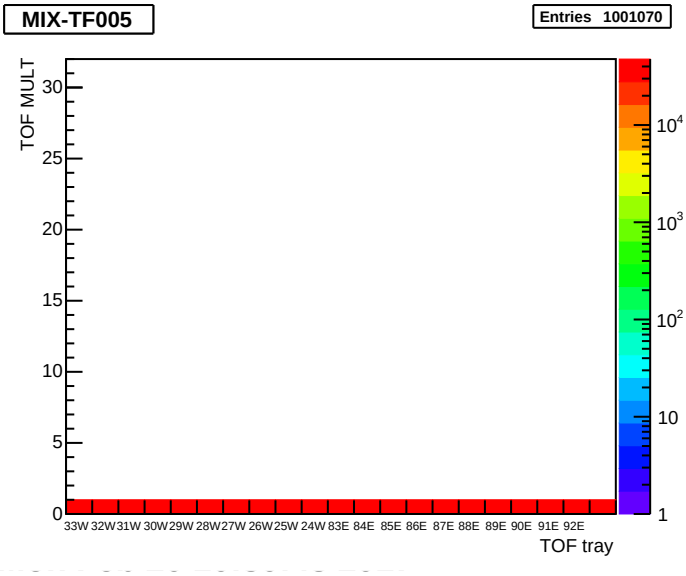

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

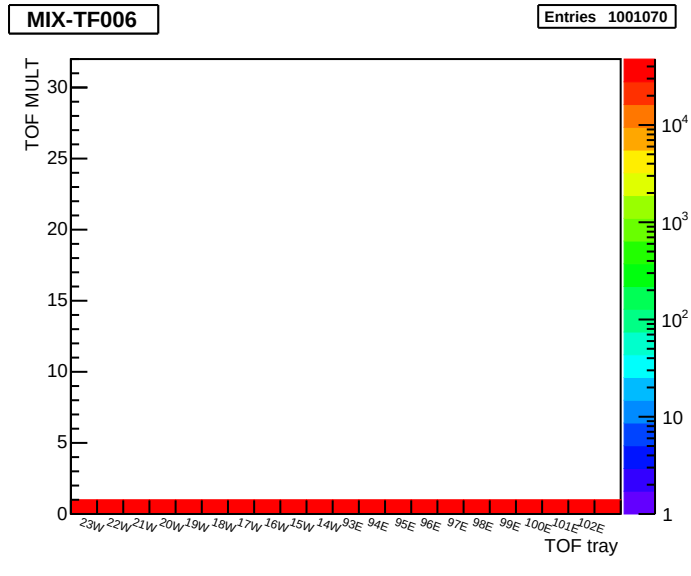

MIX-TF001
Entries 1001070
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E


MIX-TF002
Entries 1001070
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

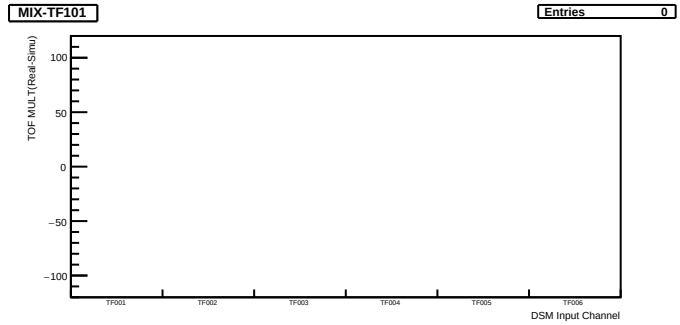

MIX-TF003
Entries 1001070
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

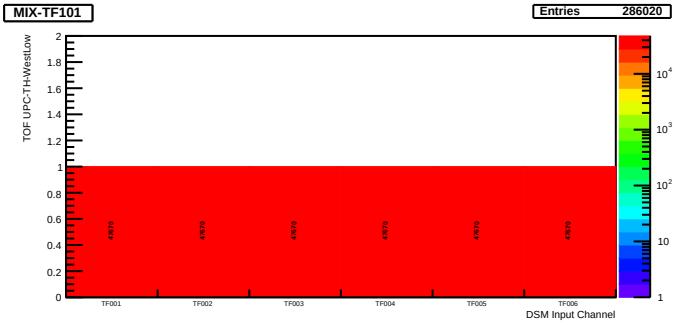

MIX-TF004
Entries 1001070
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

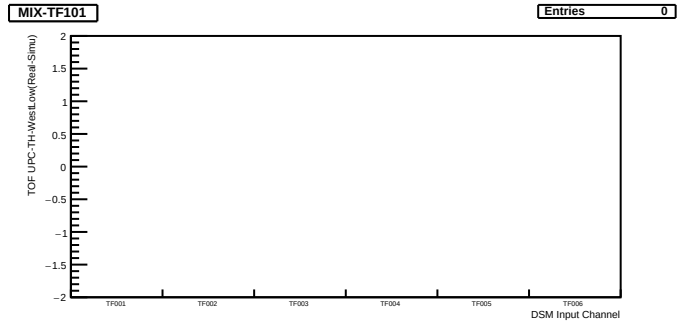

MIX-TF005
Entries 1001070
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

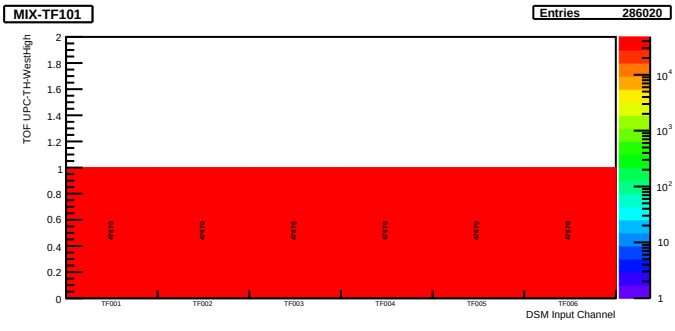

MIX-TF006
Entries 1001070
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

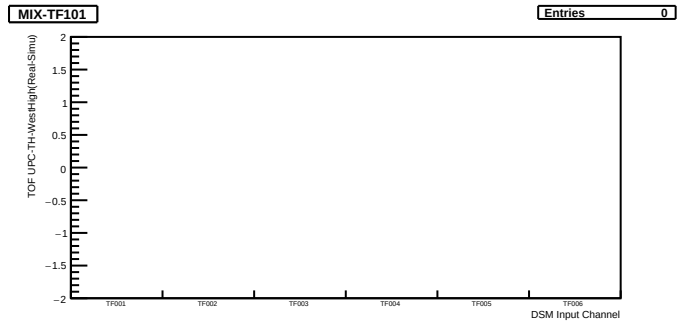
MIX-TF101
Entries 286020
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

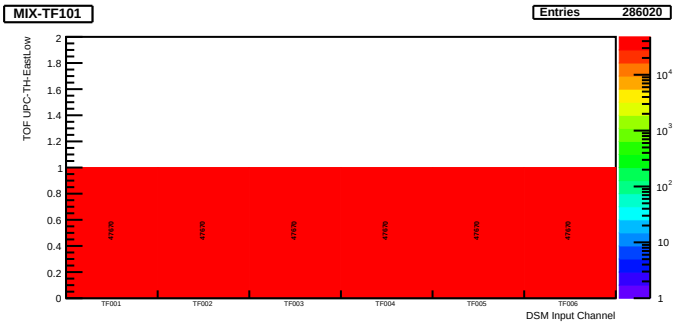

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

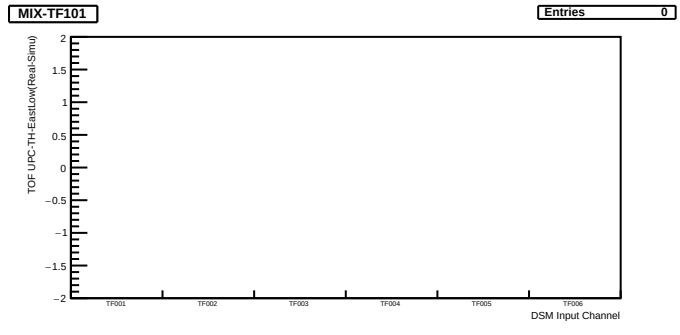

MIX-TF101
Entries 286020
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

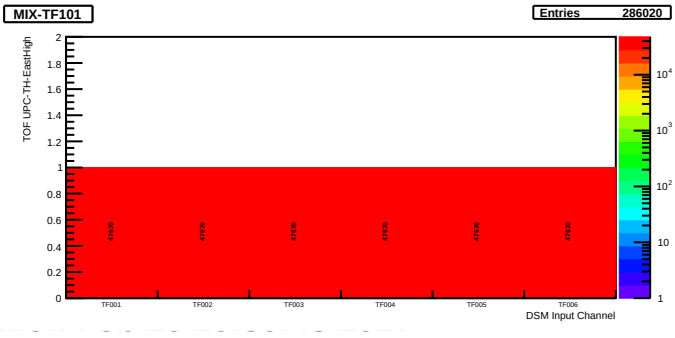

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

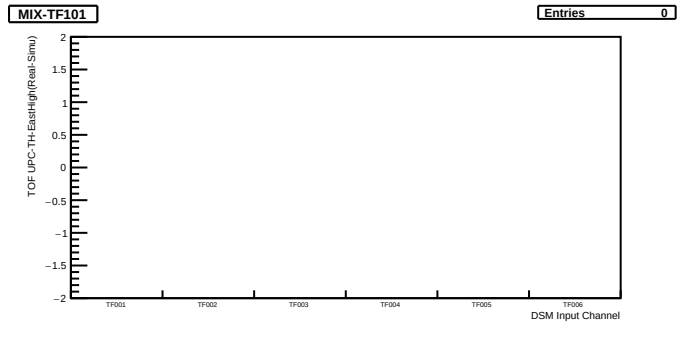

MIX-TF101
Entries 286020
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

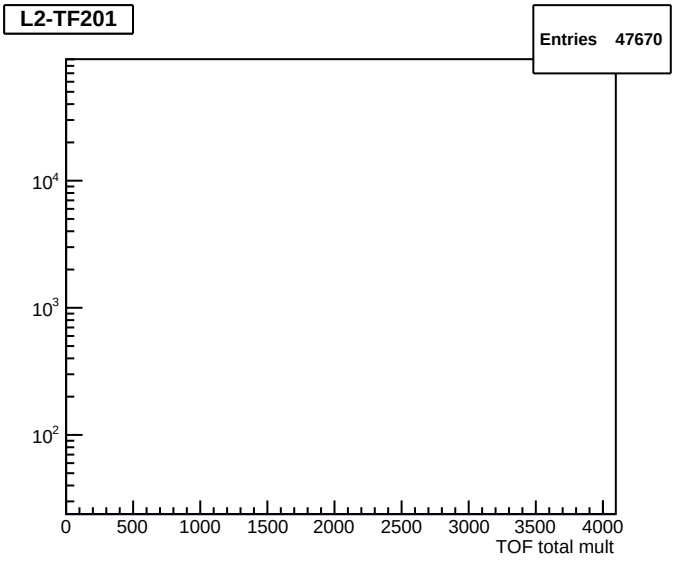

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

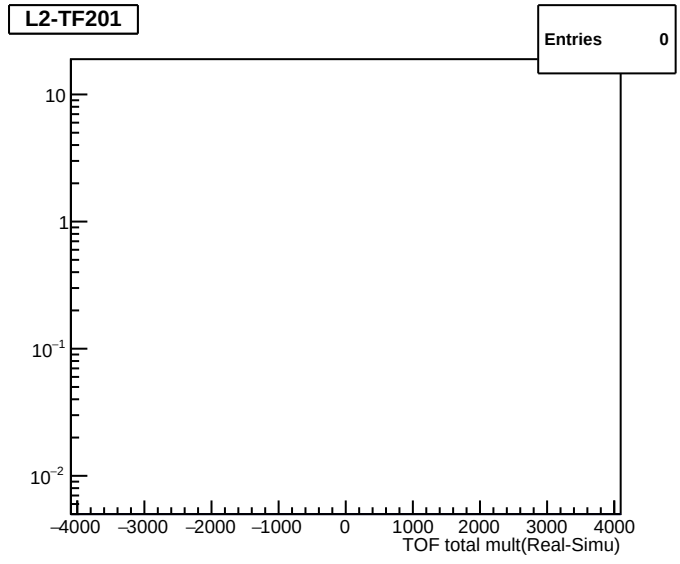

MIX-TF101
Entries 286020
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

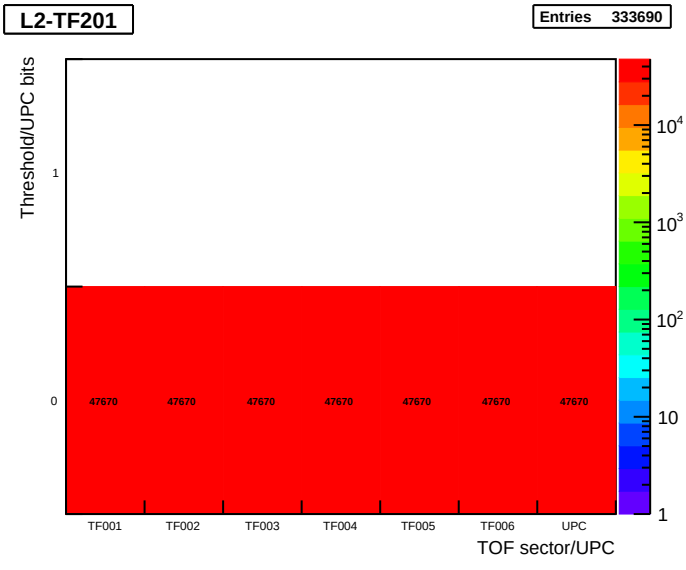

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

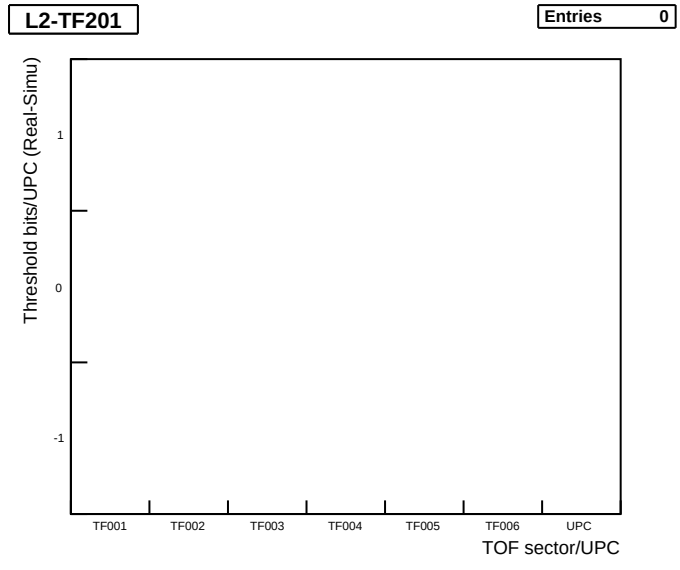

MIX-TF101
Entries 286020
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

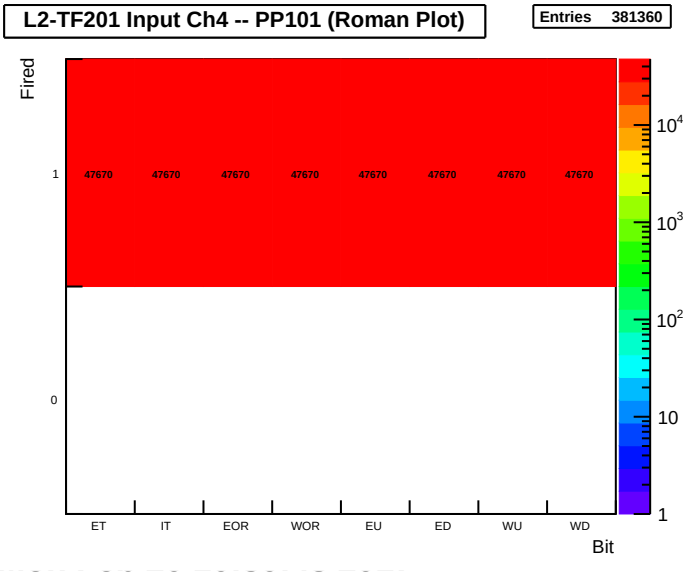

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

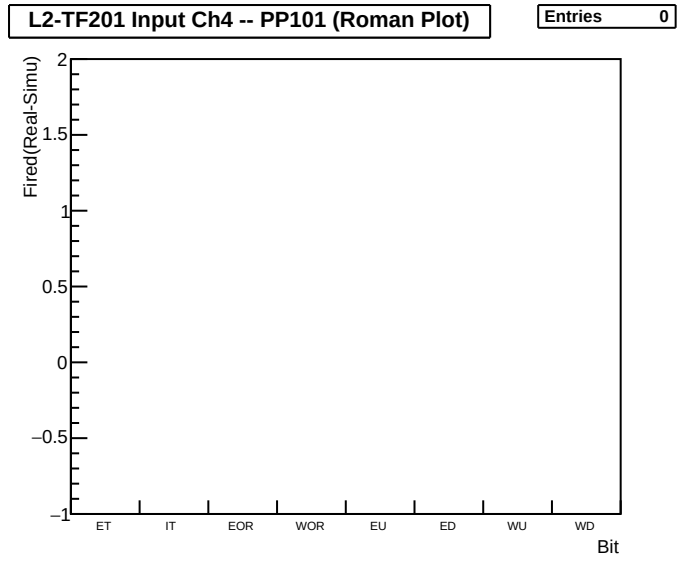

L2-TF201
Entries 47670
10^4
10^3
10^2
0 500 1000 1500 2000 2500 3000 3500 4000
TOF total mult

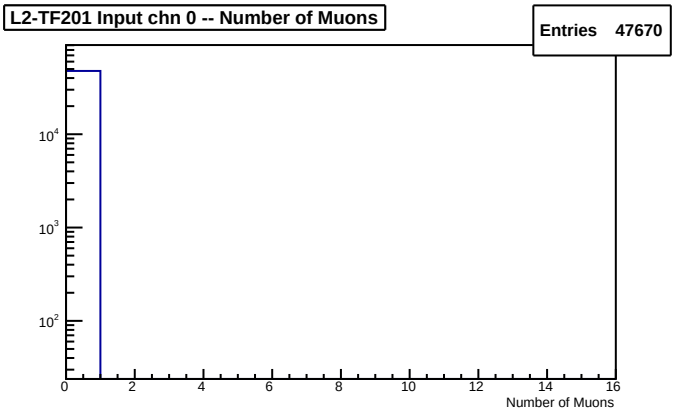

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−4000 −3000 −2000 −1000 0 1000 2000 3000 4000
TOF total mult(Real-Simu)

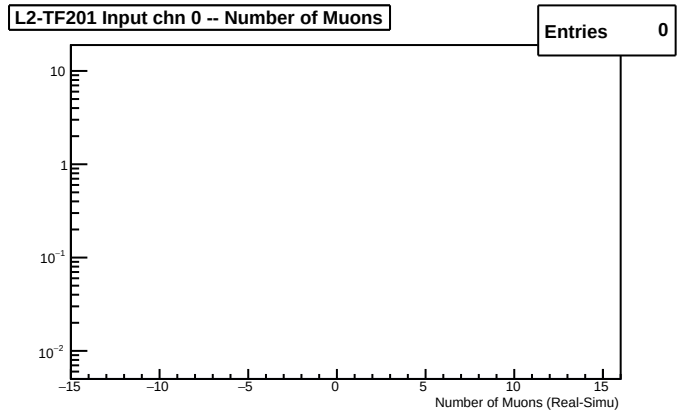

L2-TF201
Entries 333690
Threshold/UPC bits
1
0
47670 47670 47670 47670 47670 47670 47670
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC
10^4
10^3
10^2
10
1

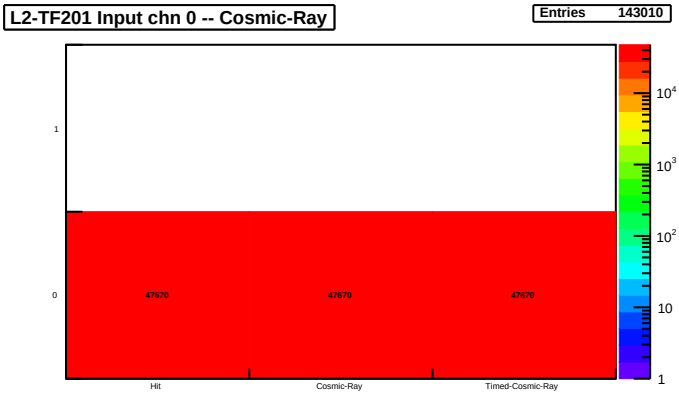

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

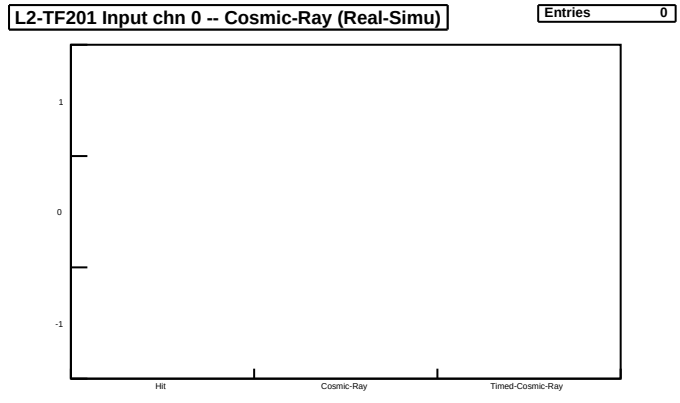

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 381360
Fired
1
0
47670 47670 47670 47670 47670 47670 47670 47670
ET IT EOR WOR EU ED WU WD
Bit
10^4
10^3
10^2
10
1

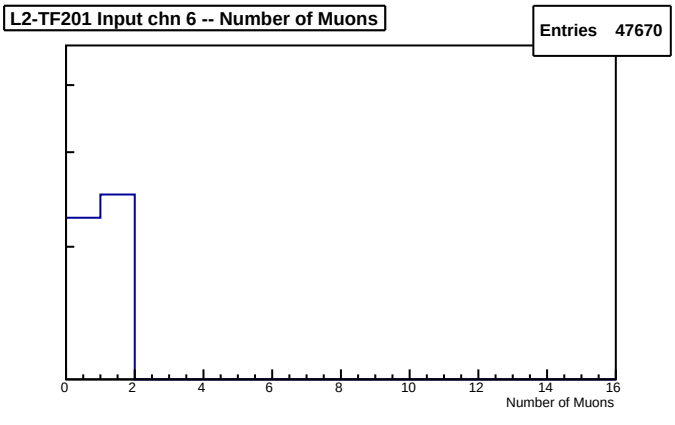

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
2
1.5
1
0.5
0
−0.5
−1
ET IT EOR WOR EU ED WU WD
Bit

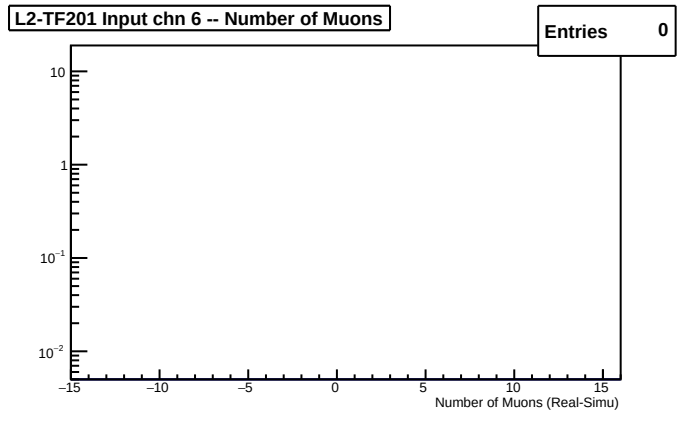

L2-TF201 Input chn 0 -- Number of Muons
Entries 47670
Number of Muons

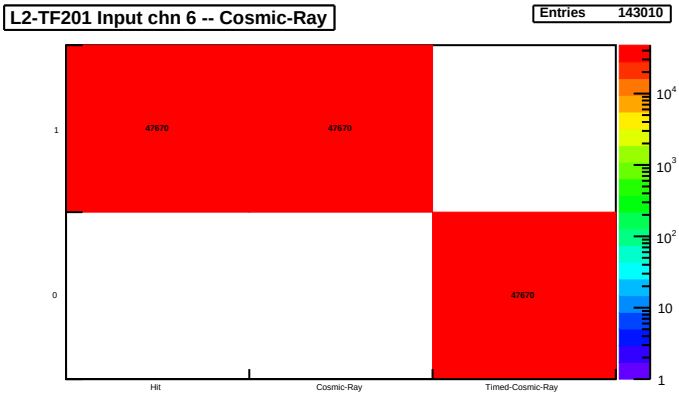

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

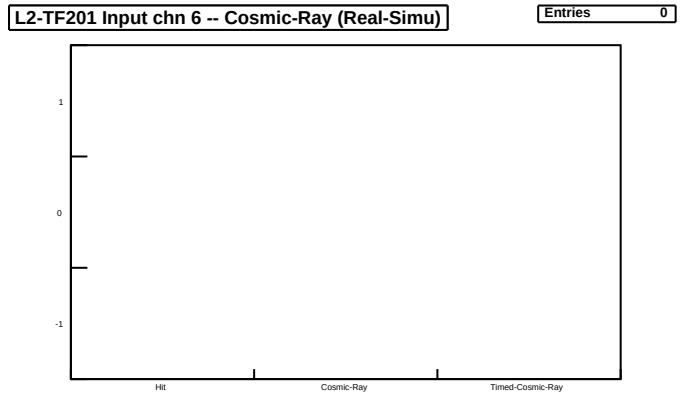

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 143010
47670
47670
47670
Hit
Cosmic-Ray
Timed-Cosmic-Ray

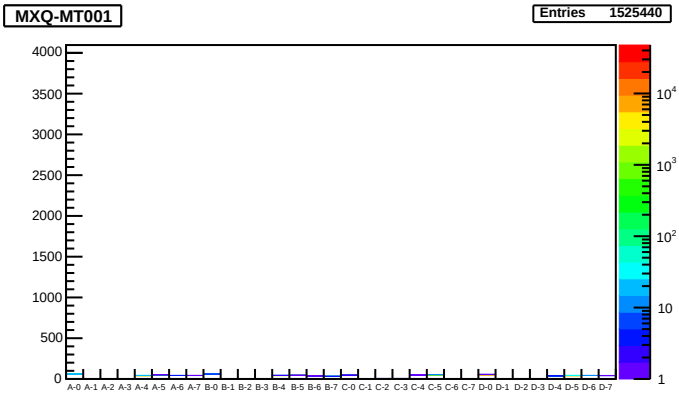

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

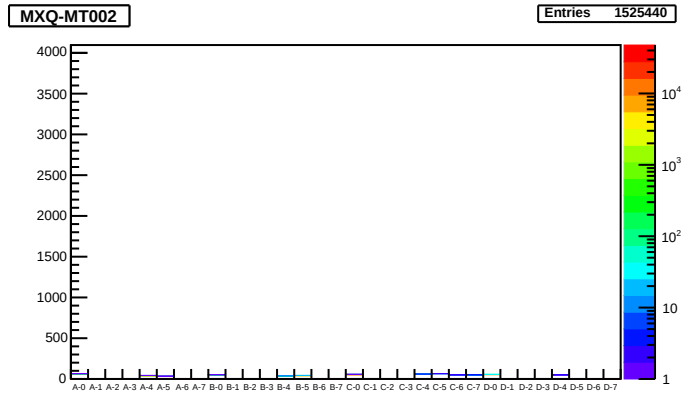

L2-TF201 Input chn 6 -- Number of Muons
Entries 47670
Number of Muons

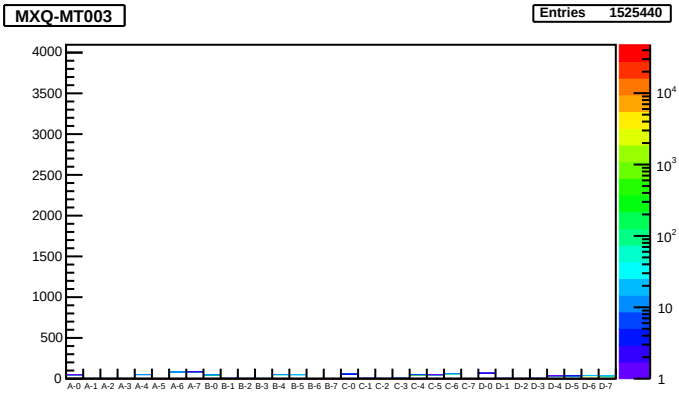

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

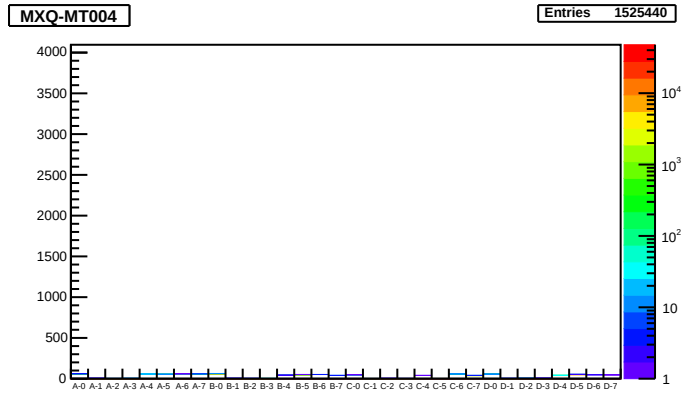

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 143010
47670
47670
47670
Hit
Cosmic-Ray
Timed-Cosmic-Ray

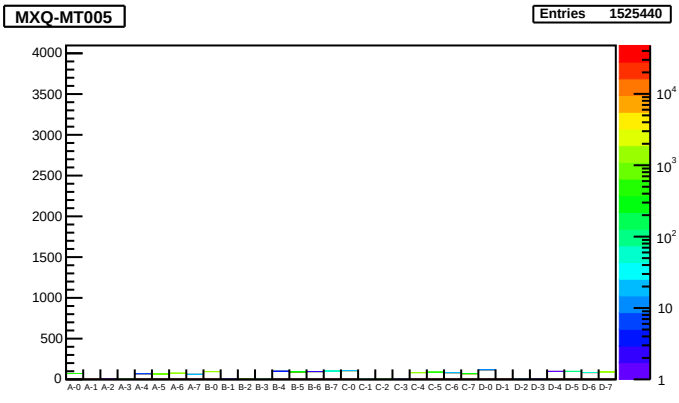

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

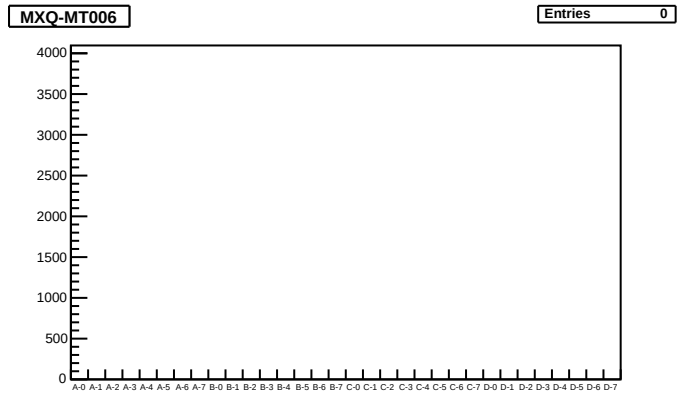

MXQ-MT001
Entries 1525440

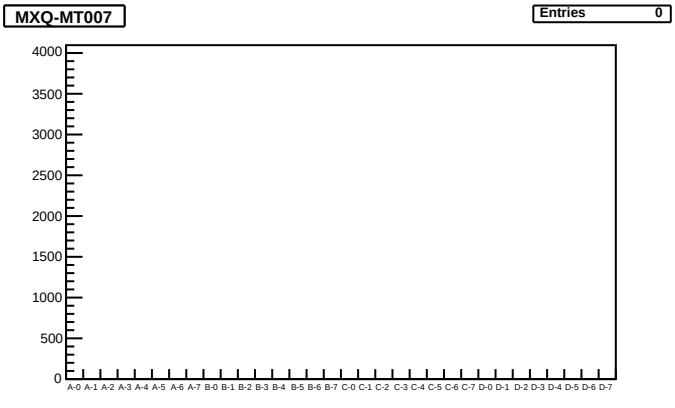

MXQ-MT002
Entries 1525440

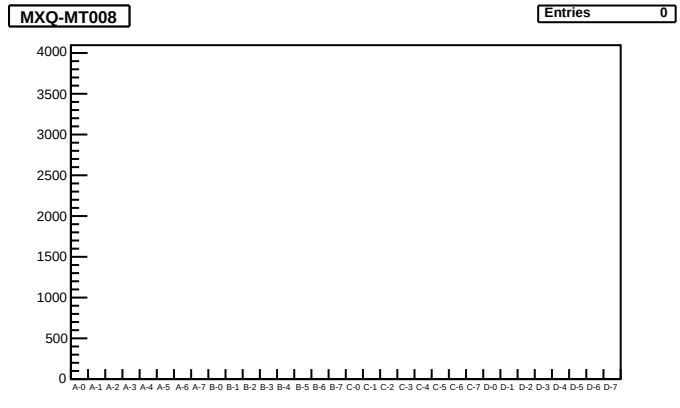

MXQ-MT003
Entries 1525440

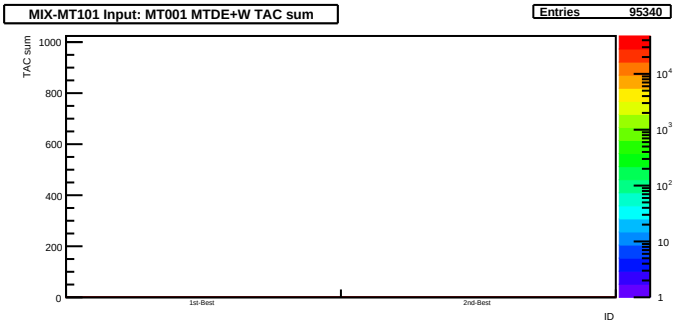

MXQ-MT004
Entries 1525440

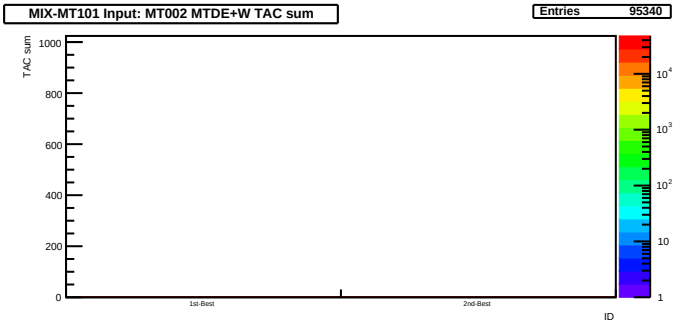

MXQ-MT005
Entries 1525440

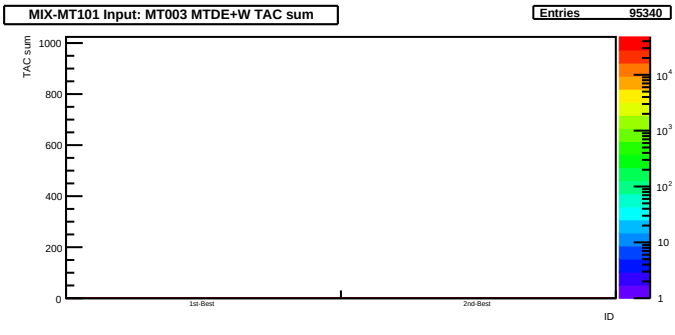

MXQ-MT006
Entries 0

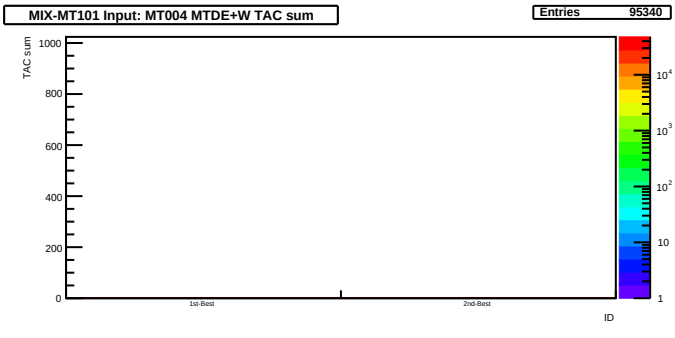

MXQ-MT007
Entries 0

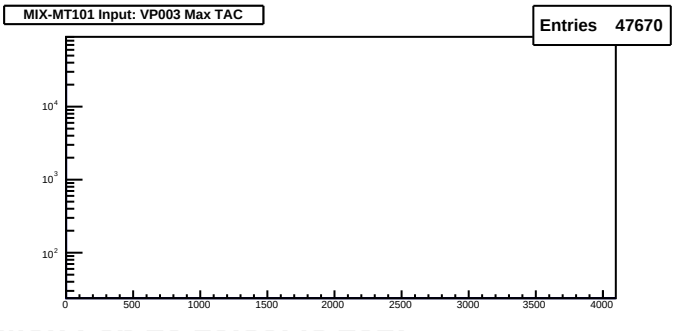

MXQ-MT008
Entries 0

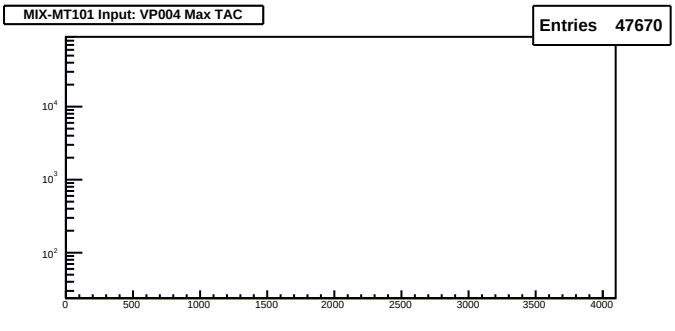

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 95340
TAC sum
1st-Best
2nd-Best
ID

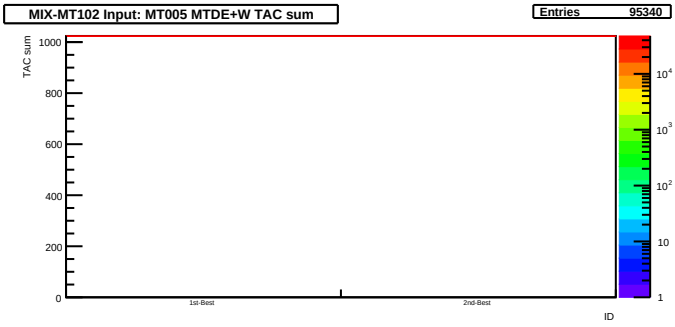

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 95340
TAC sum
1st-Best
2nd-Best
ID

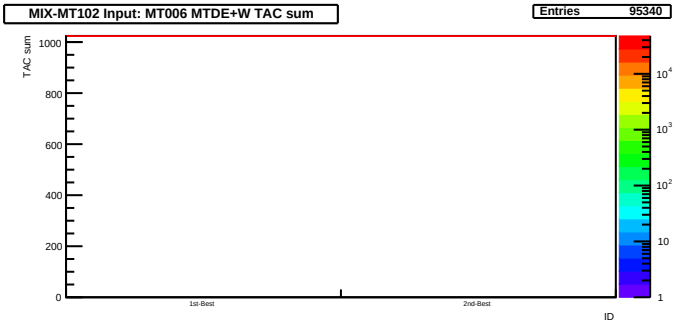

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 95340
TAC sum
1st-Best
2nd-Best
ID

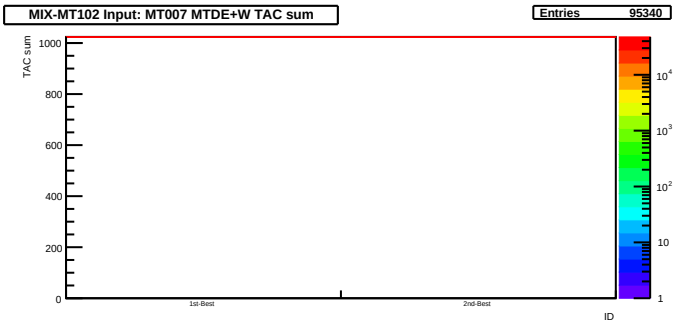

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 95340
TAC sum
1st-Best
2nd-Best
ID

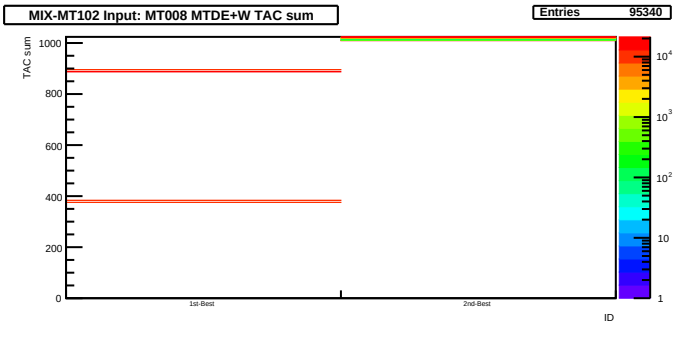

MIX-MT101 Input: VP003 Max TAC
Entries 47670

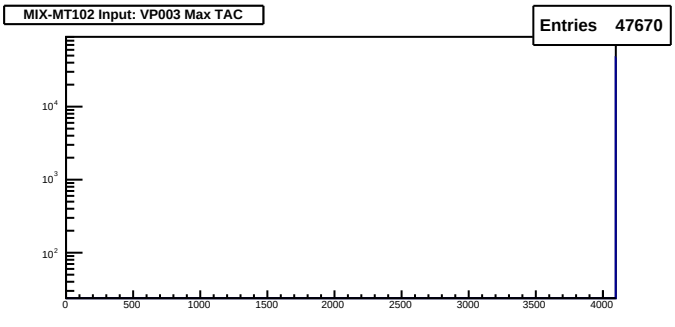

MIX-MT101 Input: VP004 Max TAC
Entries 47670

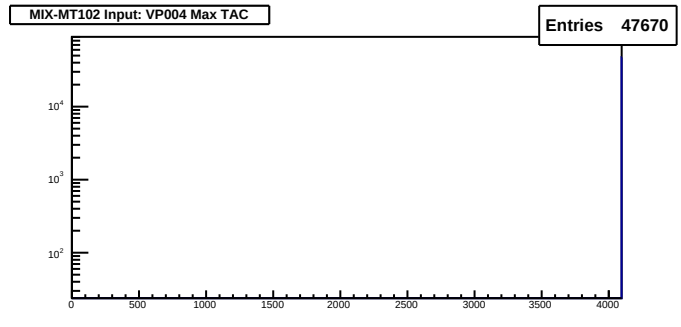

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 95340
TAC sum
1st-Best
2nd-Best
ID

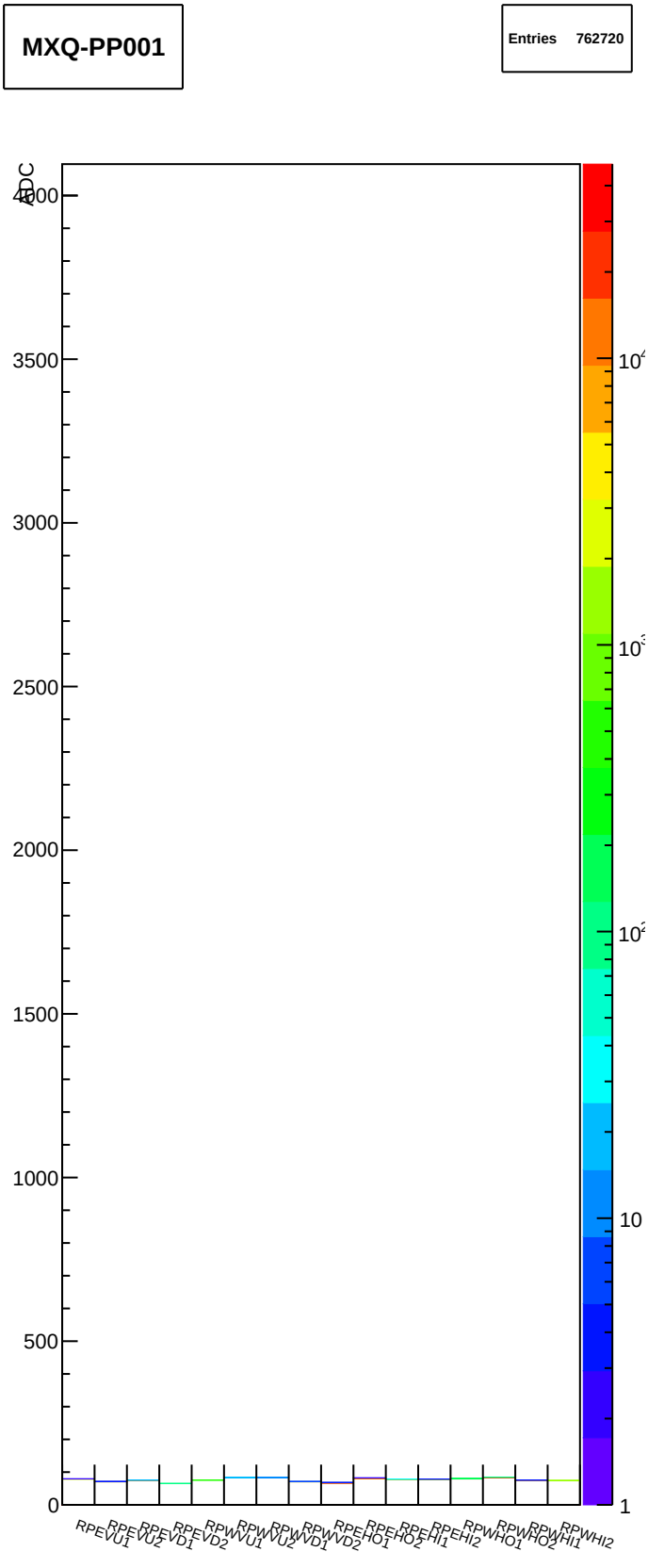

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 95340
TAC sum
1st-Best
2nd-Best
ID

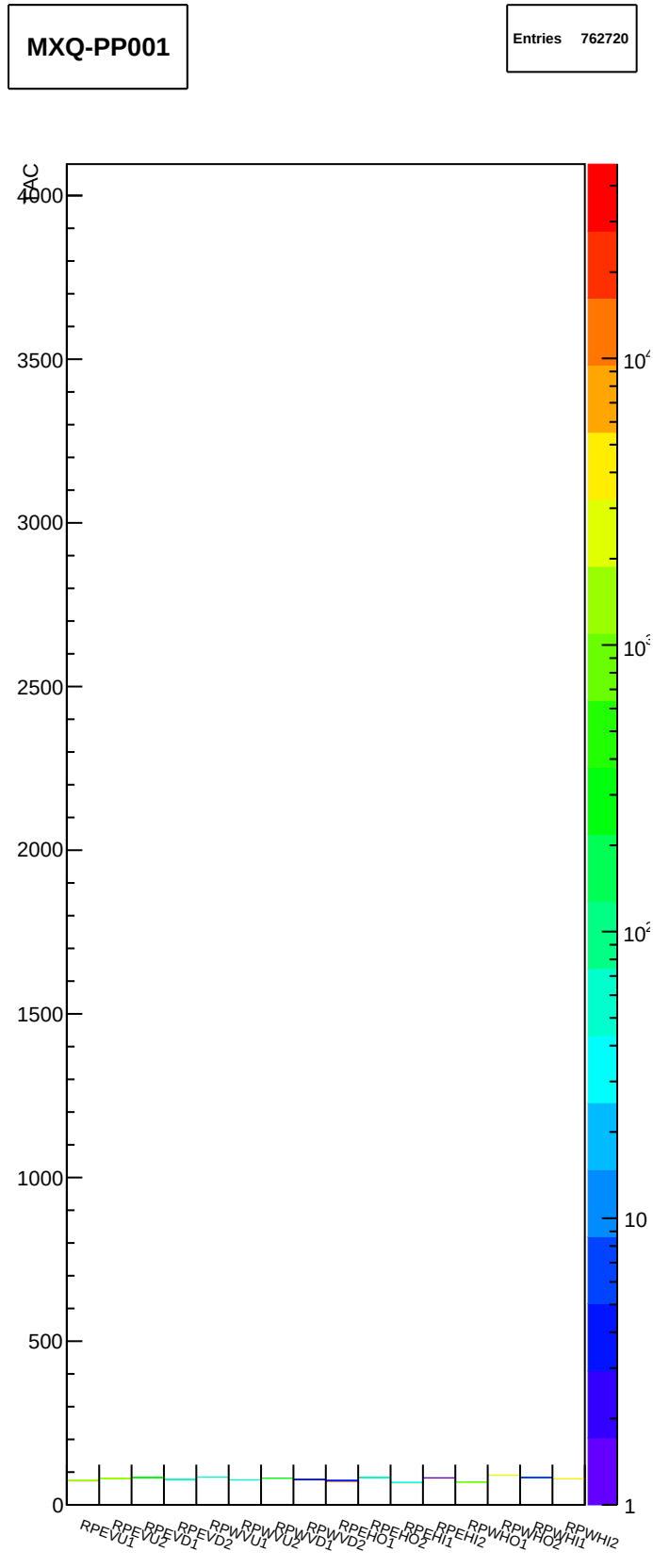

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 95340
TAC sum
1st-Best
2nd-Best
ID

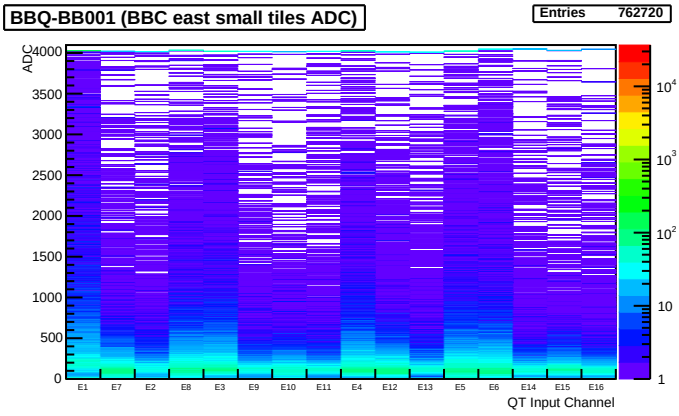

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 95340
TAC sum
1st-Best
2nd-Best
ID

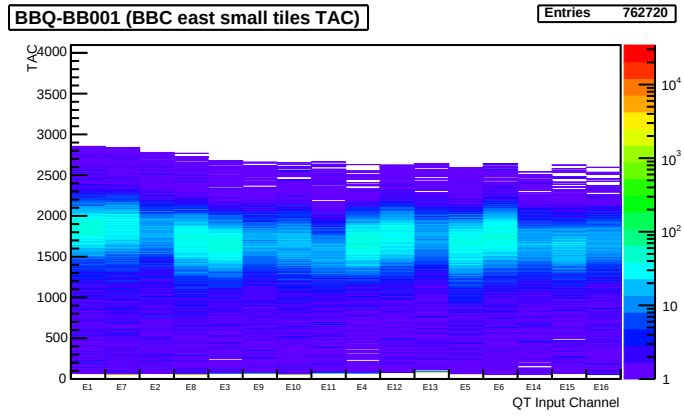

MIX-MT102 Input: VP003 Max TAC
Entries 47670

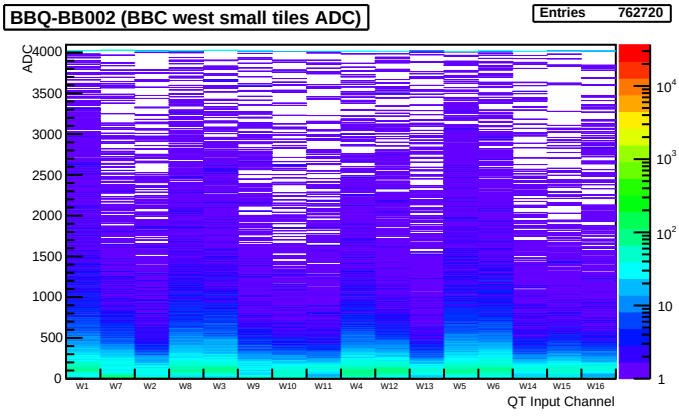

MIX-MT102 Input: VP004 Max TAC
Entries 47670

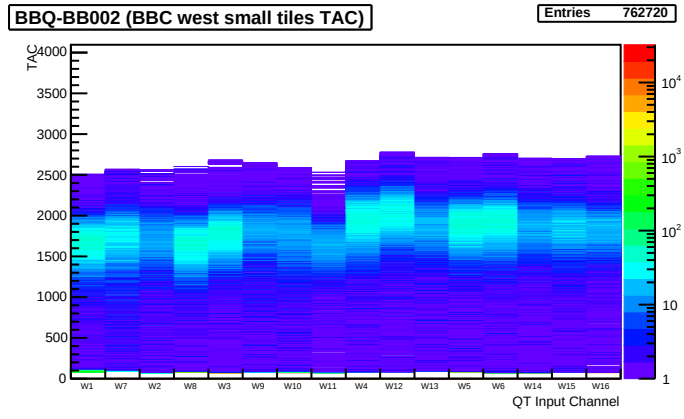

MXQ-PP001
Entries 762720
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

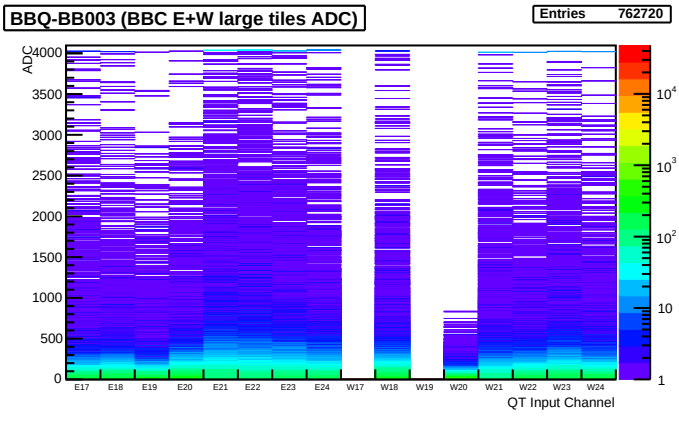

MXQ-PP001
Entries 762720
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

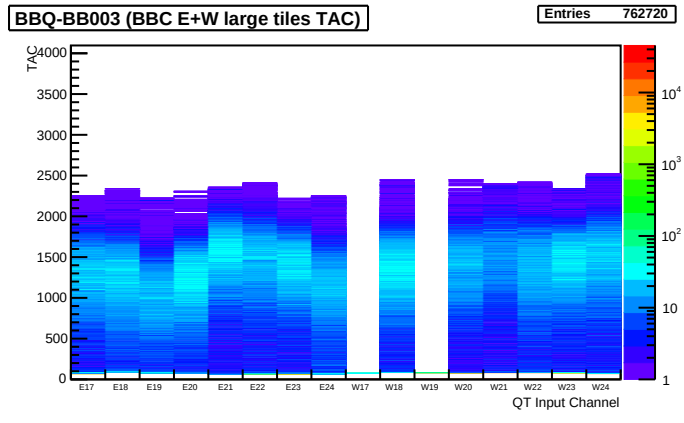

BBQ-BB001 (BBC east small tiles ADC)
Entries 762720
ADC
QT Input Channel

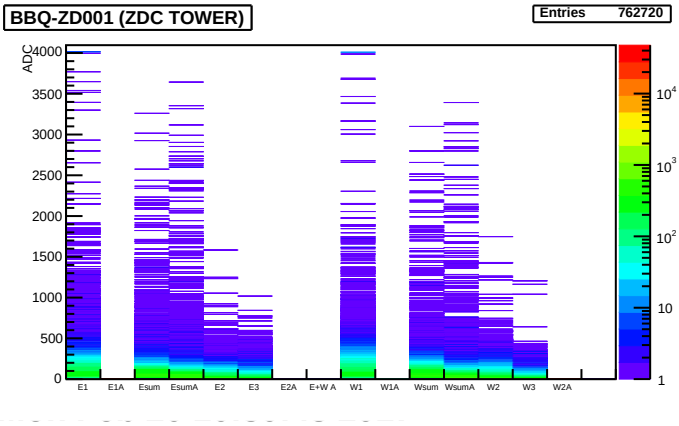

BBQ-BB001 (BBC east small tiles TAC)
Entries 762720
TAC
QT Input Channel

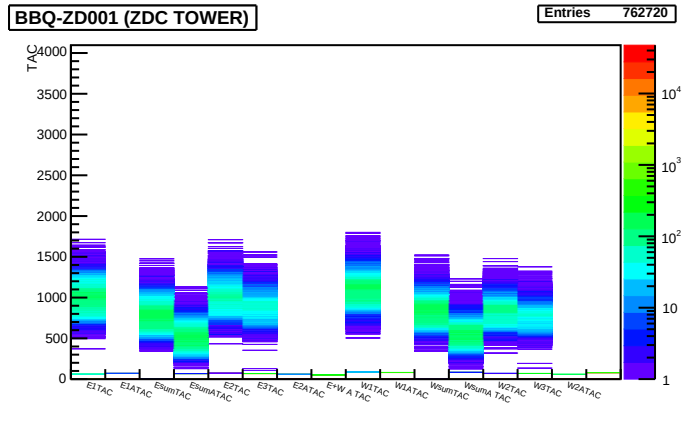

BBQ-BB002 (BBC west small tiles ADC)
Entries 762720
ADC
QT Input Channel

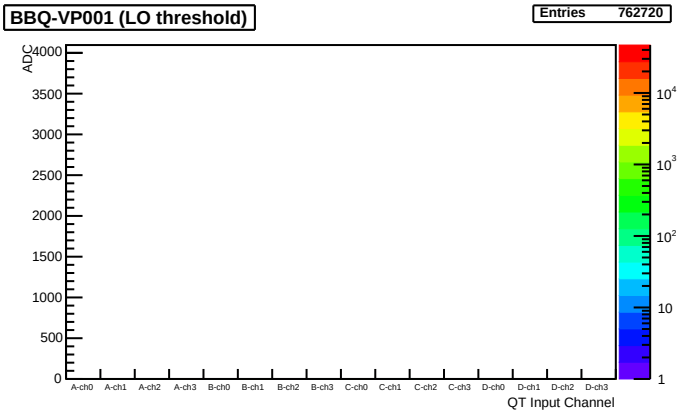

BBQ-BB002 (BBC west small tiles TAC)
Entries 762720
TAC
QT Input Channel

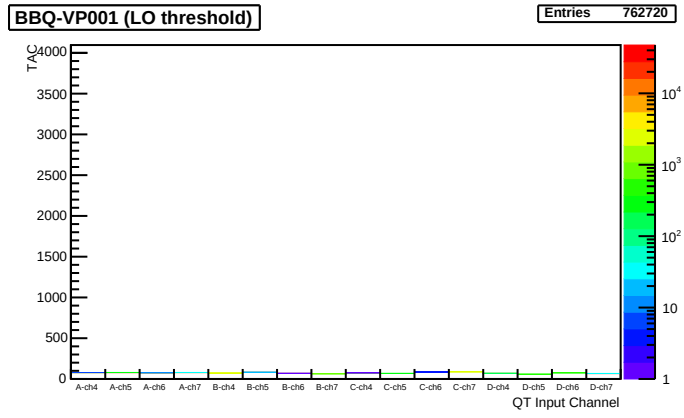

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 762720
ADC
QT Input Channel

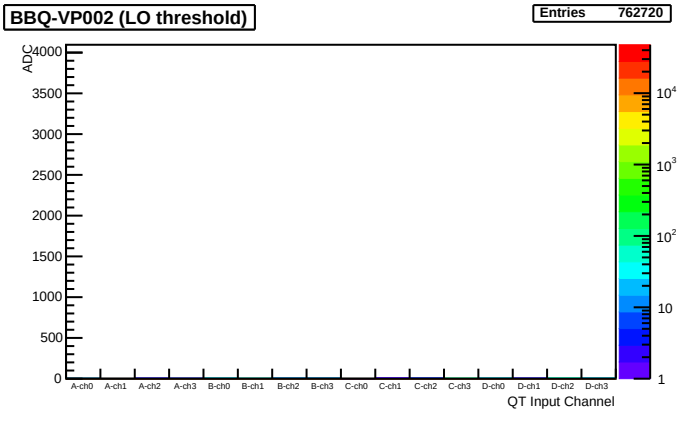

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 762720
TAC
QT Input Channel

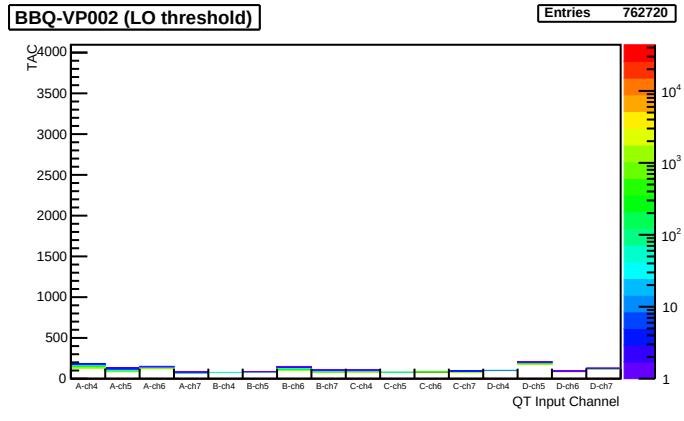

BBQ-ZD001 (ZDC TOWER)
Entries 762720
ADC

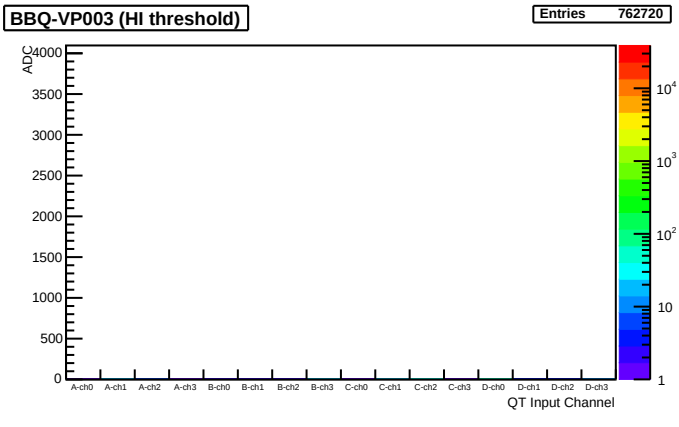

BBQ-ZD001 (ZDC TOWER)
Entries 762720
TAC

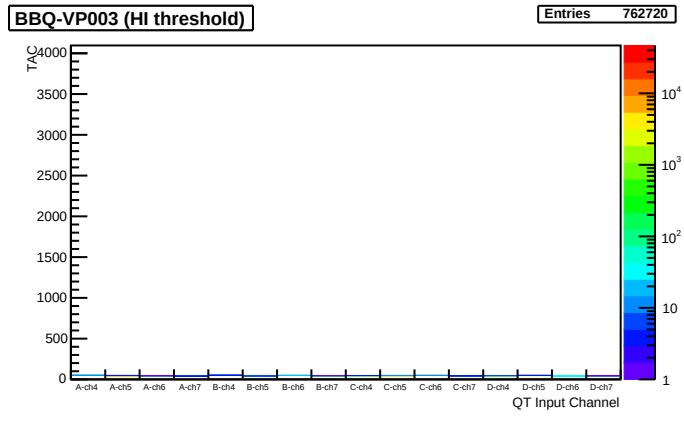

BBQ-VP001 (LO threshold)
Entries 762720
ADC
QT Input Channel

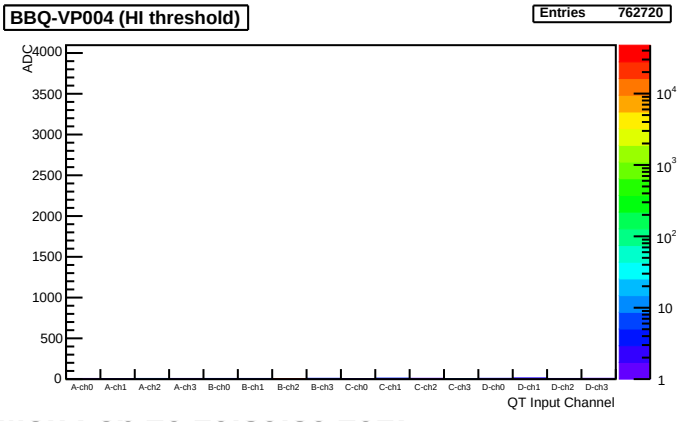

BBQ-VP001 (LO threshold)
Entries 762720
TAC
QT Input Channel

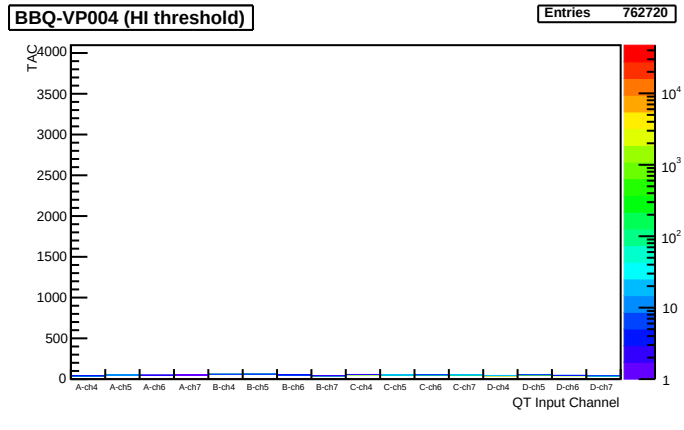

BBQ-VP002 (LO threshold)
Entries 762720
ADC
QT Input Channel

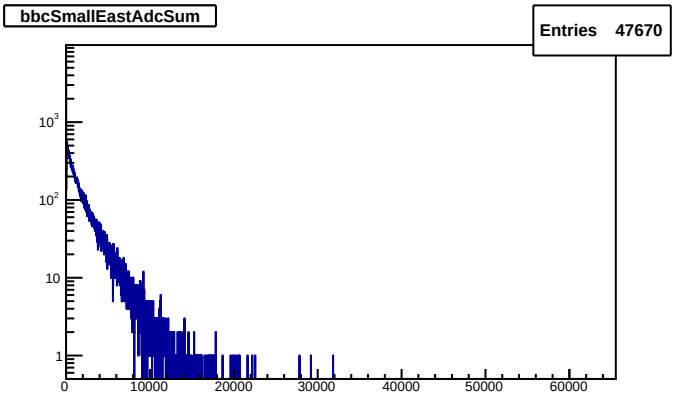

BBQ-VP002 (LO threshold)
Entries 762720
TAC
QT Input Channel

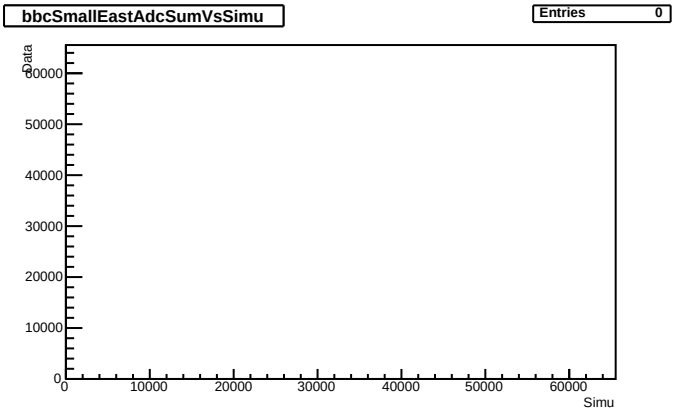

BBQ-VP003 (HI threshold)
Entries 762720
ADC
QT Input Channel

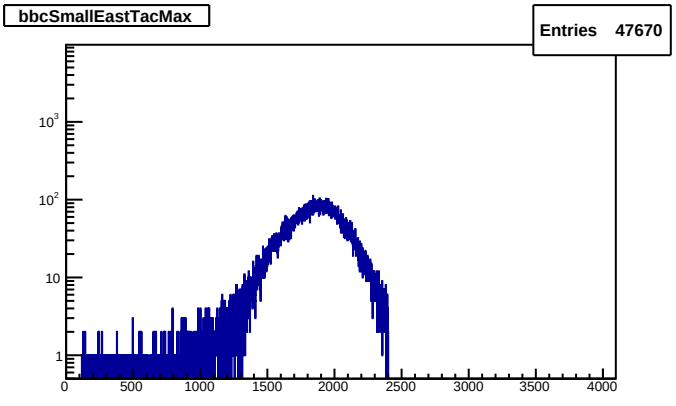

BBQ-VP003 (HI threshold)
Entries 762720
TAC
QT Input Channel

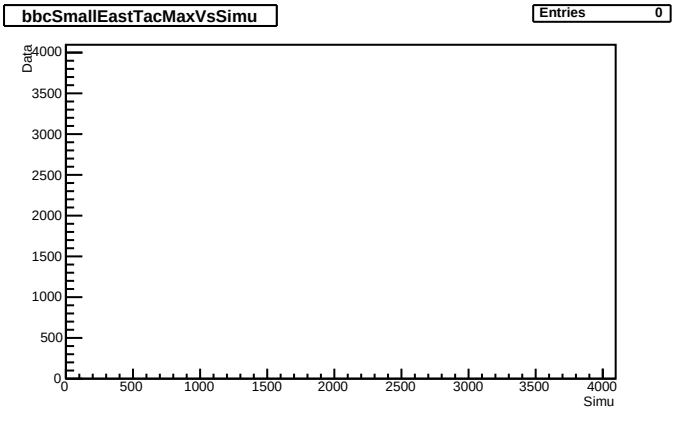

BBQ-VP004 (HI threshold)
Entries 762720
ADC
QT Input Channel

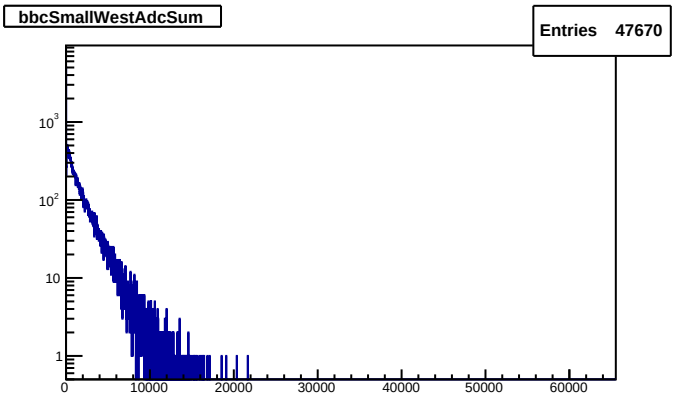

BBQ-VP004 (HI threshold)
Entries 762720
TAC
QT Input Channel

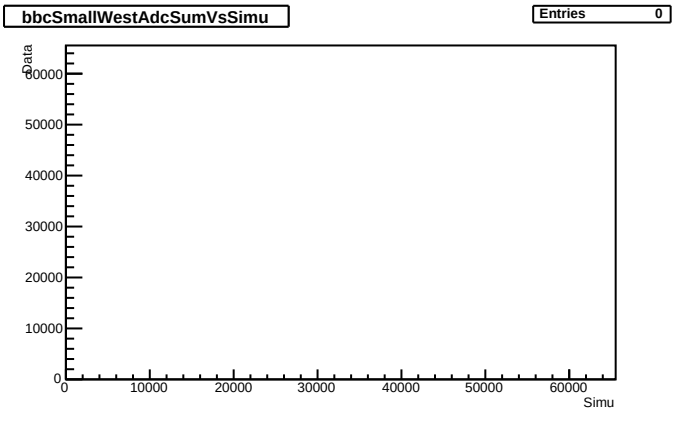

bbcSmallEastAdcSum
Entries 47670

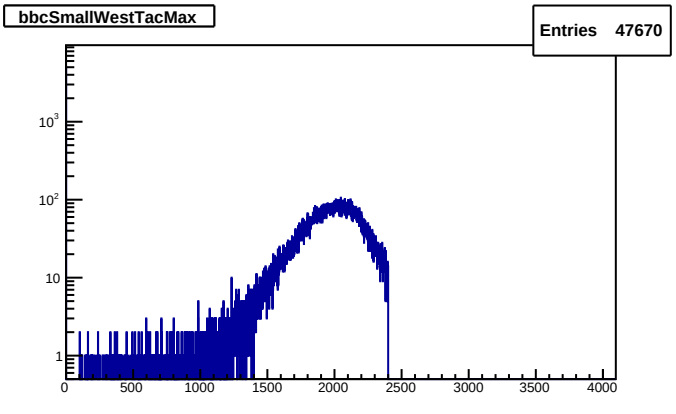

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

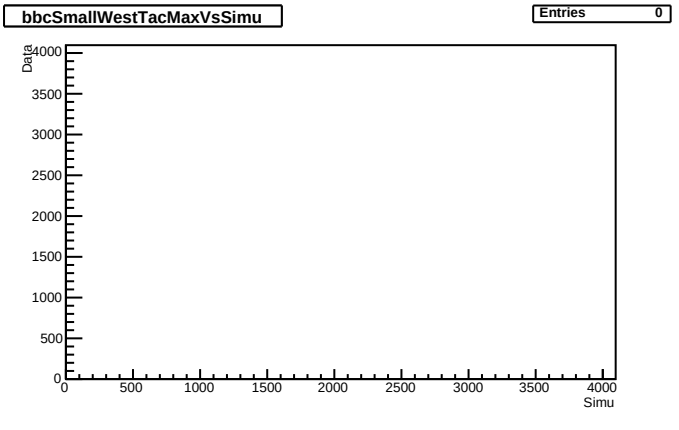

bbcSmallEastTacMax
Entries 47670

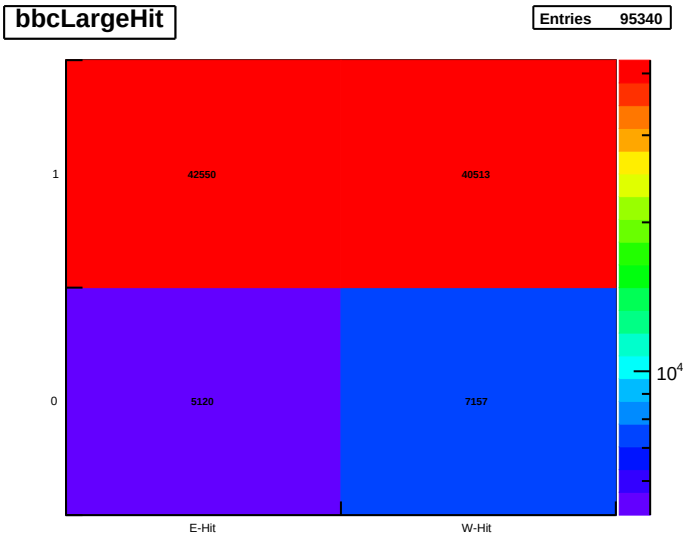

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

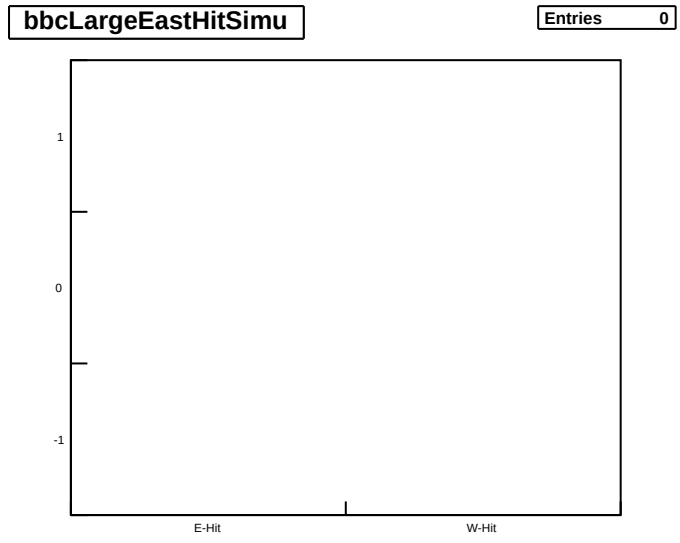

bbcSmallWestAdcSum
Entries 47670

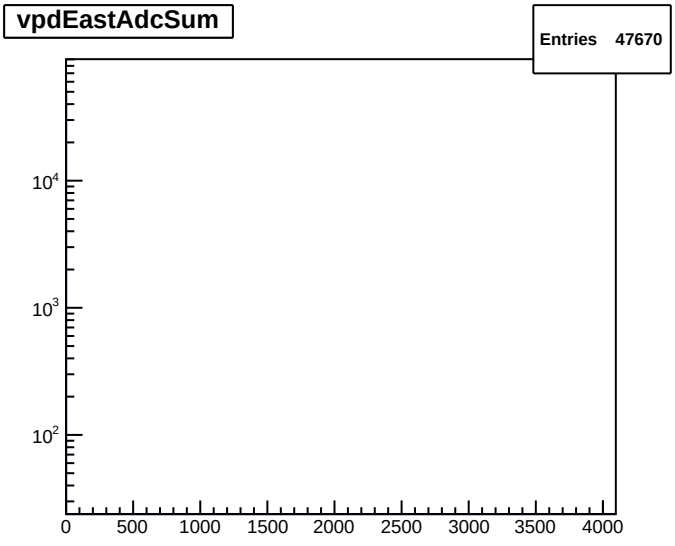

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

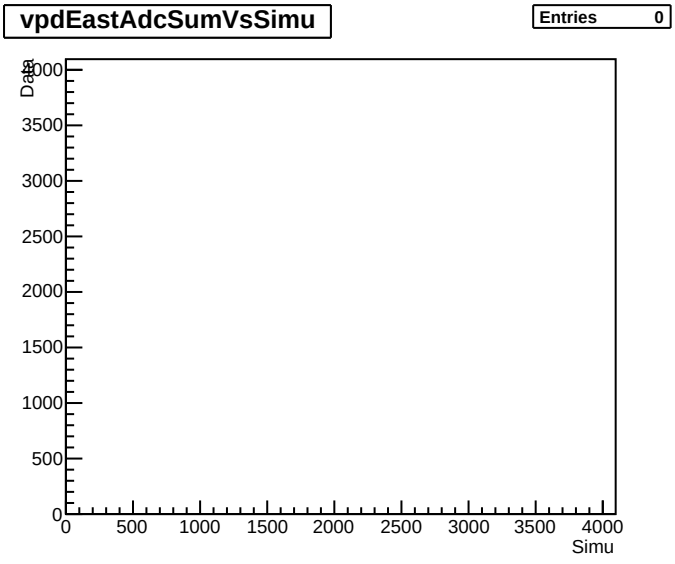

bbcSmallWestTacMax
Entries 47670

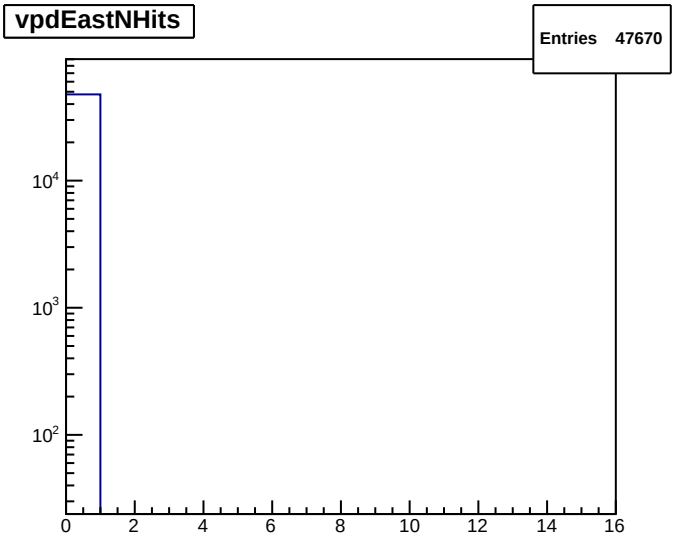

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

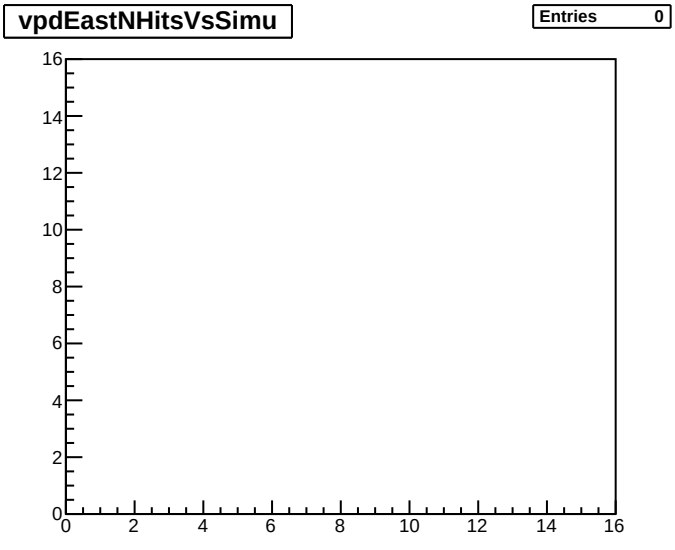

bbcLargeHit
Entries 95340
1
0
42550
40513
5120
7157
E-Hit
W-Hit
10^4

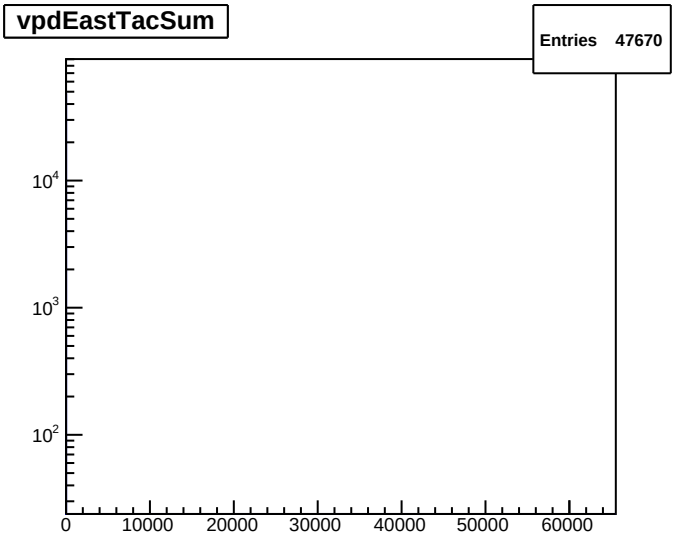

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

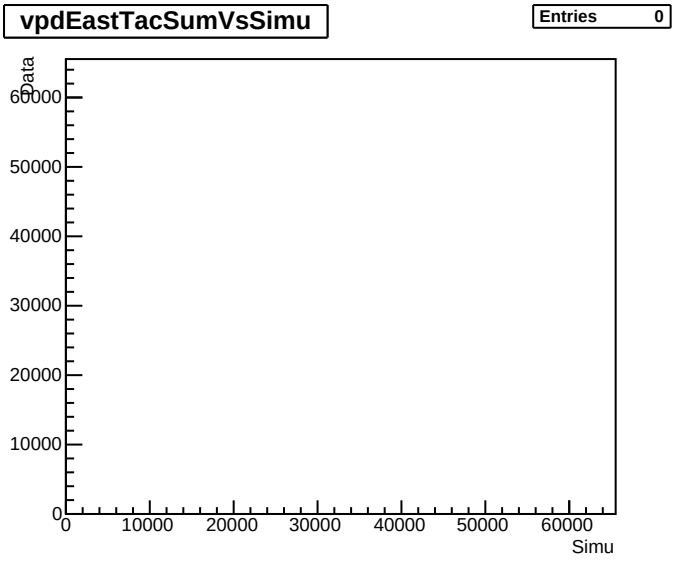

vpdEastAdcSum
Entries 47670
10^4
10^3
10^2
0 500 1000 1500 2000 2500 3000 3500 4000

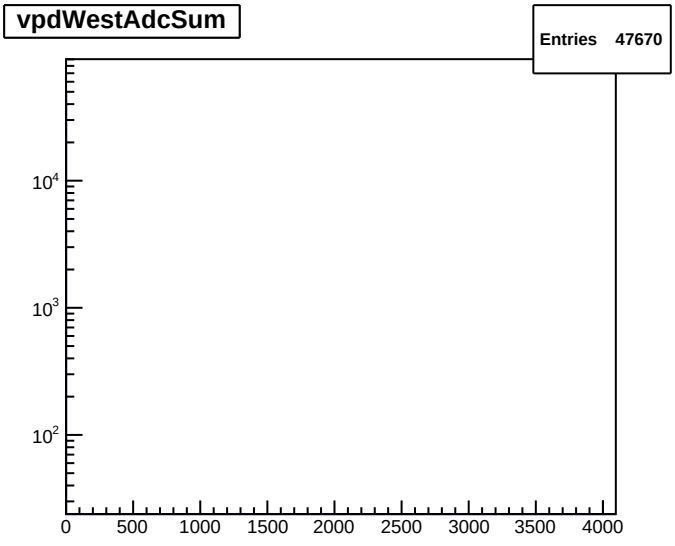

vpdEastAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

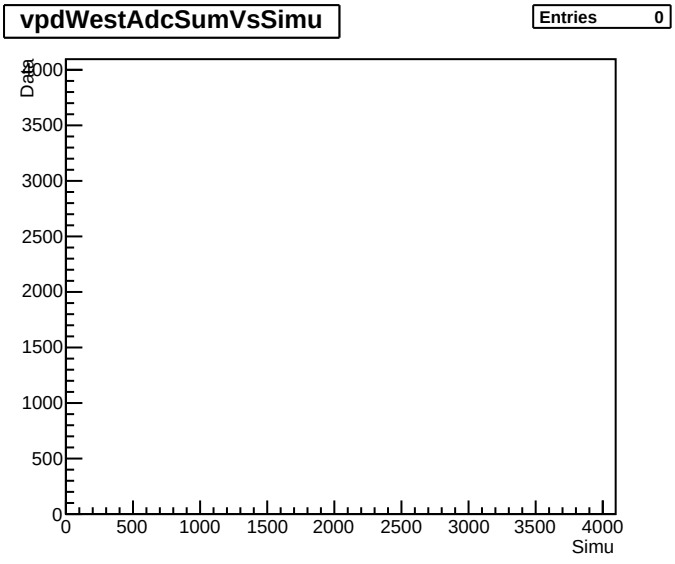

vpdEastNHits
Entries 47670
10^4
10^3
10^2
0 2 4 6 8 10 12 14 16

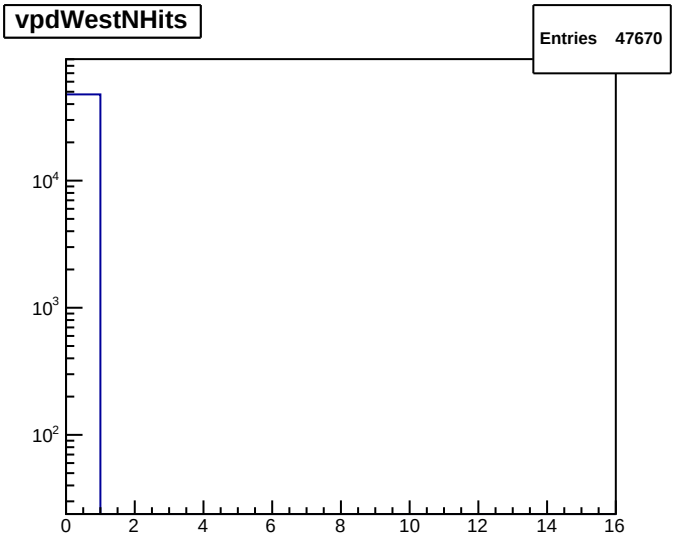

vpdEastNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

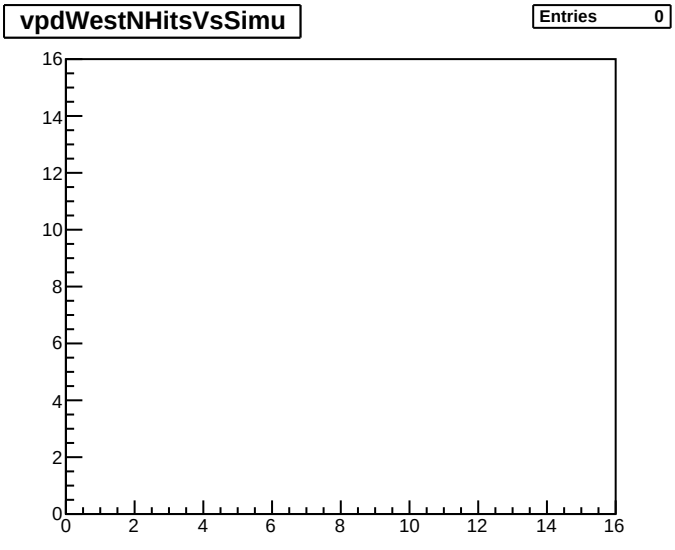

vpdEastTacSum
Entries 47670
10^4
10^3
10^2
0 10000 20000 30000 40000 50000 60000

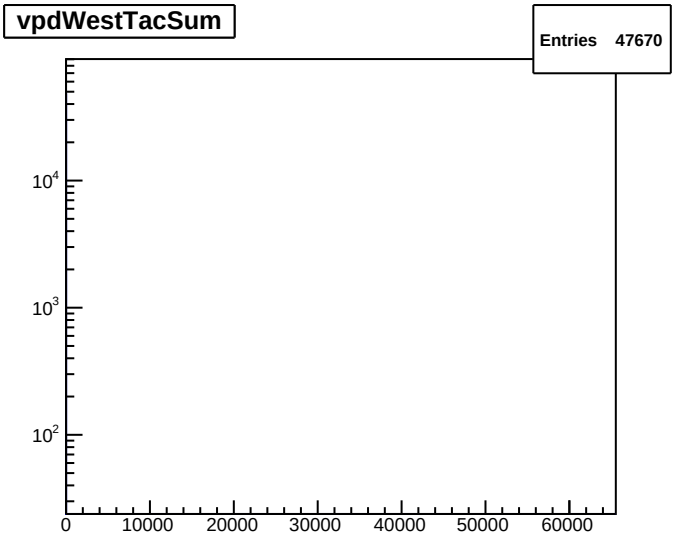

vpdEastTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

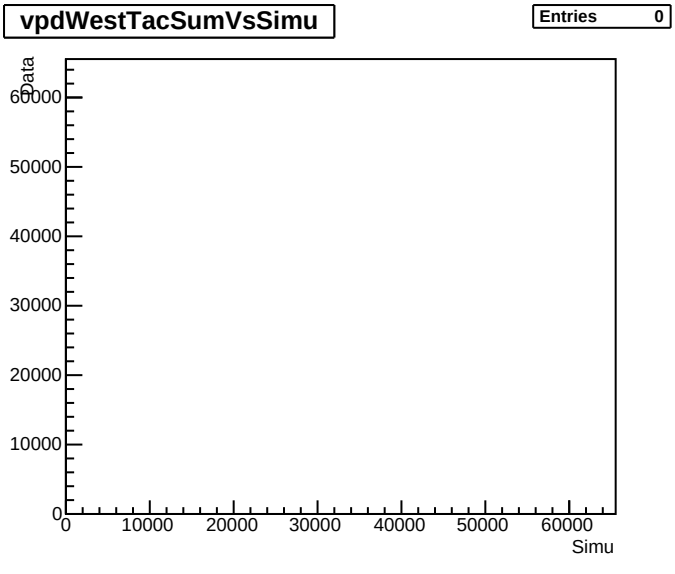

vpdWestAdcSum
Entries 47670
10^4
10^3
10^2
0 500 1000 1500 2000 2500 3000 3500 4000

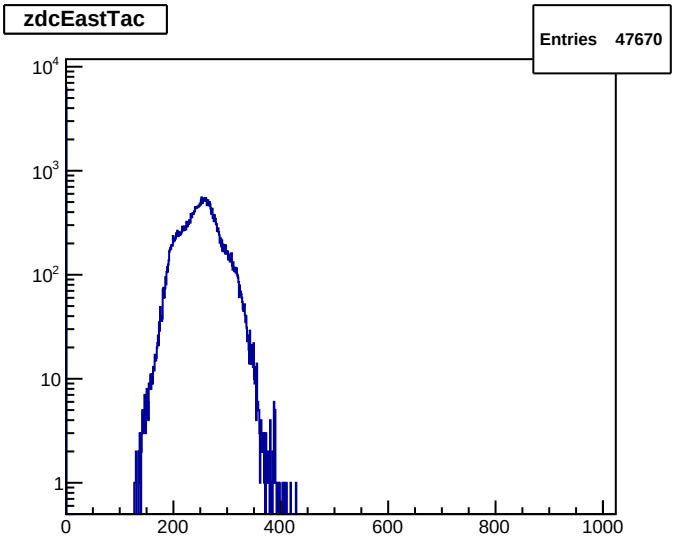

vpdWestAdcSumVsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

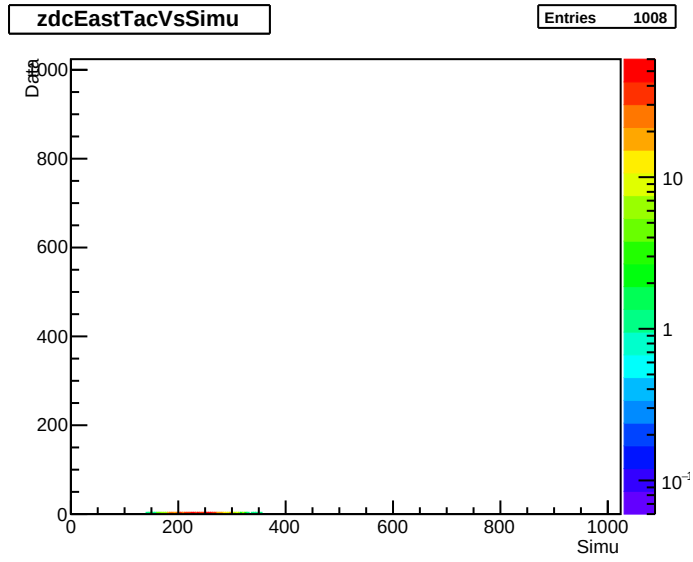

vpdWestNHits
Entries 47670
10^4
10^3
10^2
0 2 4 6 8 10 12 14 16

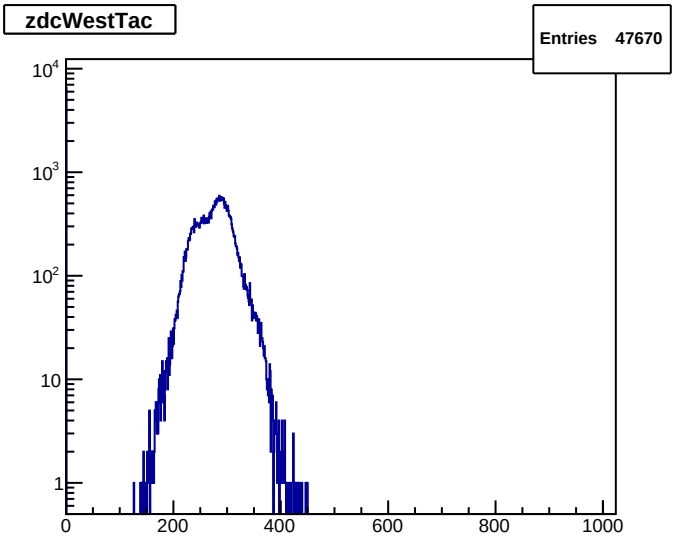

vpdWestNHitsVsSimu
Entries 0
16 14 12 10 8 6 4 2 0
0 2 4 6 8 10 12 14 16

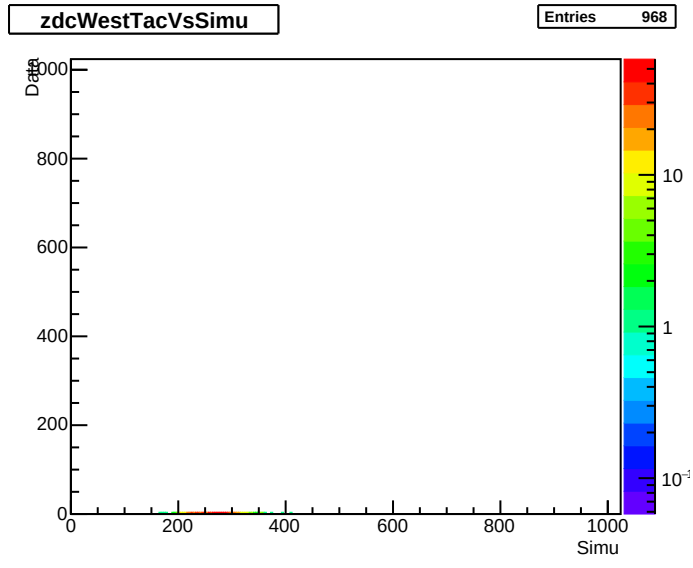

vpdWestTacSum
Entries 47670
10^4
10^3
10^2
0 10000 20000 30000 40000 50000 60000

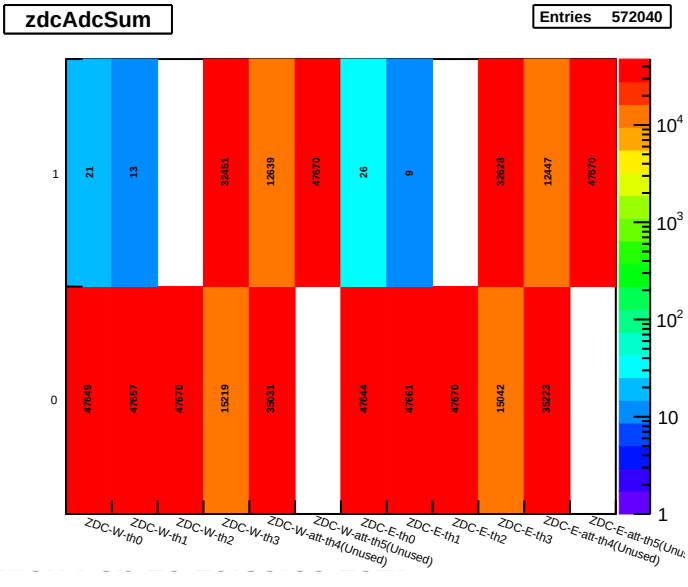

vpdWestTacSumVsSimu
Entries 0
Data
60000 50000 40000 30000 20000 10000 0
0 10000 20000 30000 40000 50000 60000
Simu

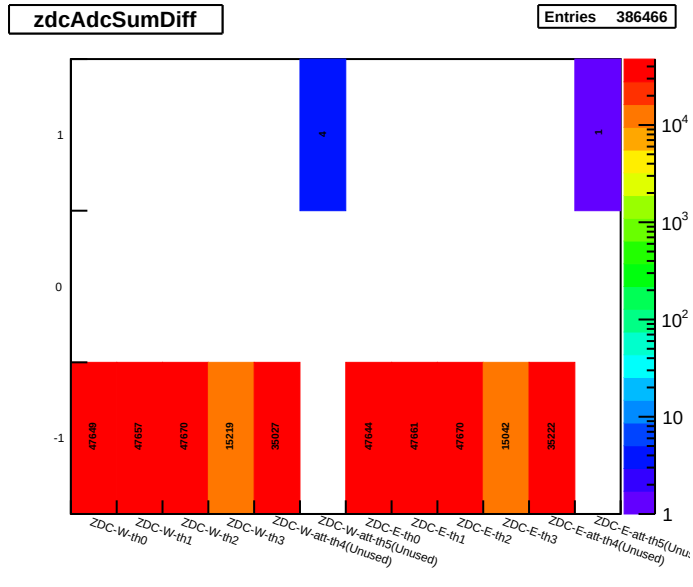

zdcEastTac
Entries 47670

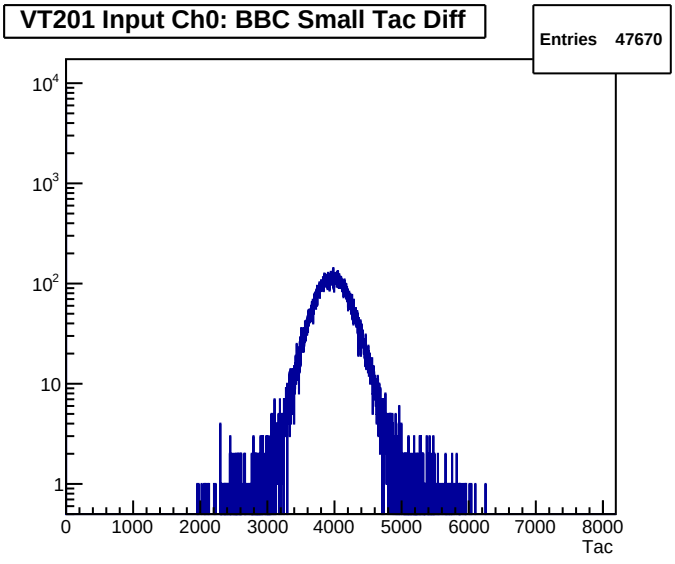

zdcEastTacVsSimu
Entries 1008
Data
Simu

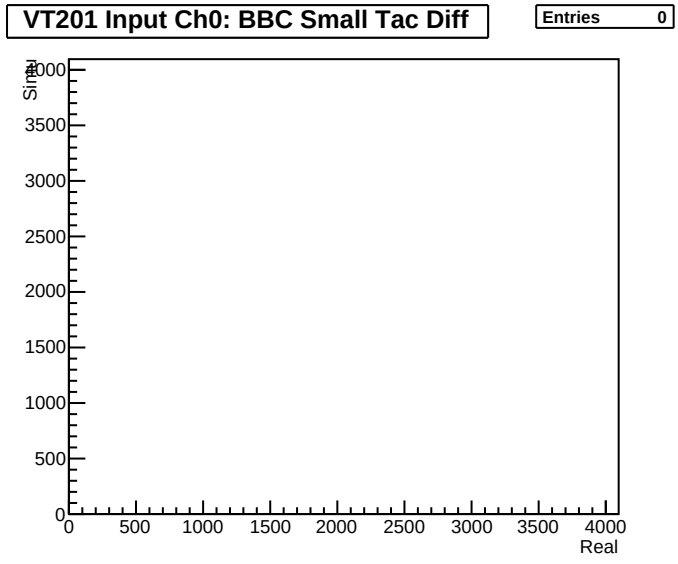

zdcWestTac
Entries 47670

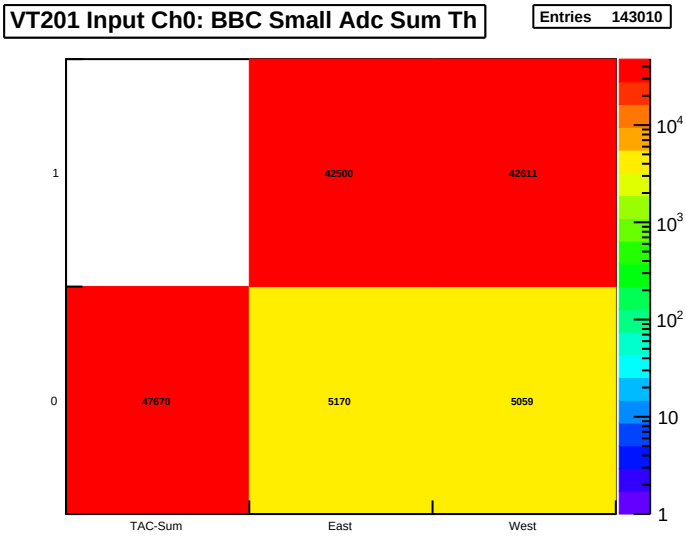

zdcWestTacVsSimu
Entries 968
Data
Simu

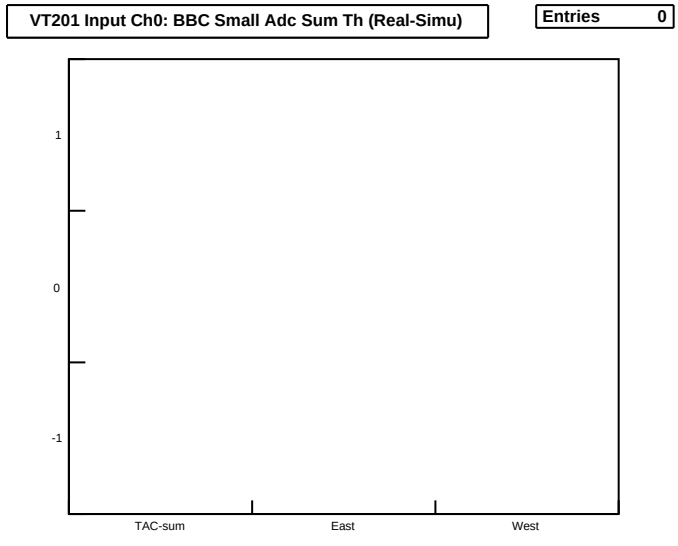

zdcAdcSum
Entries 572040
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

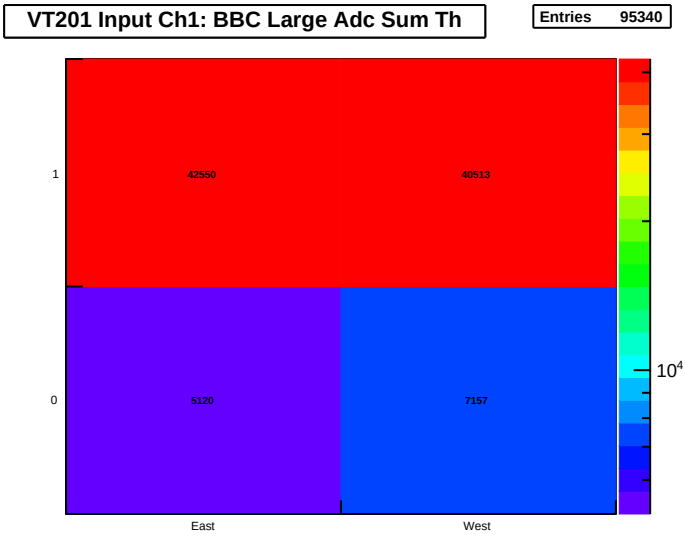

zdcAdcSumDiff
Entries 386466
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

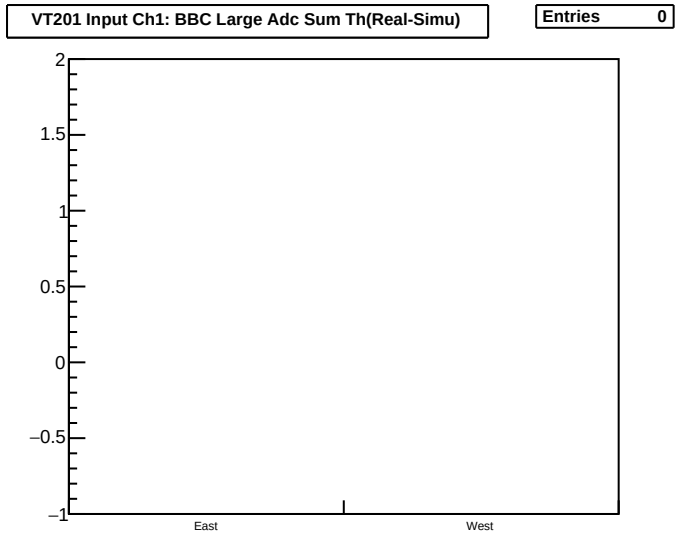

VT201 Input Ch0: BBC Small Tac Diff
Entries 47670
Tac


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

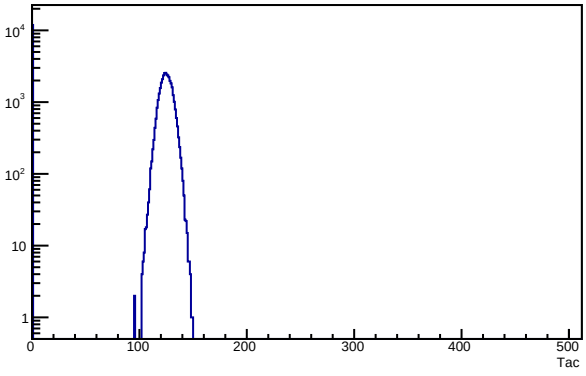

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 143010
42500
42611
47670
5170
5059
TAC-Sum
East
West


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

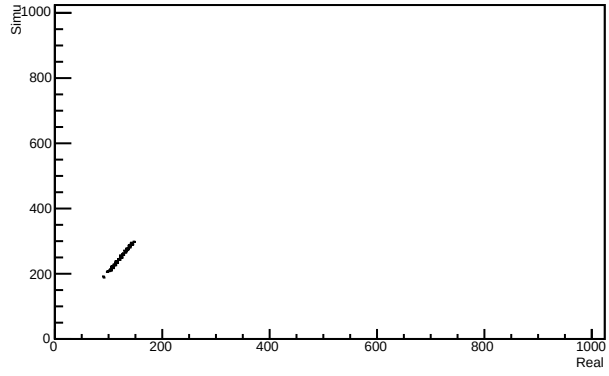

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 95340
42550
40513
5120
7157
East
West


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

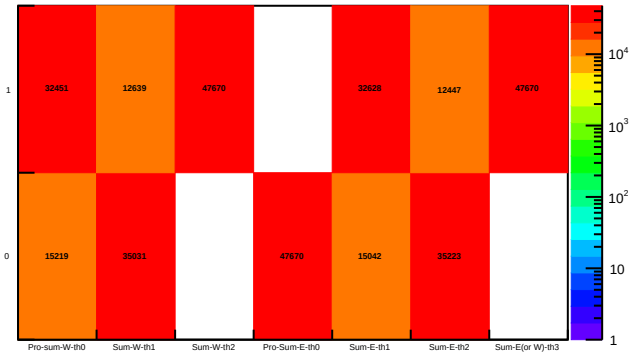
VT201 Input Ch2: ZDC Tac Diff



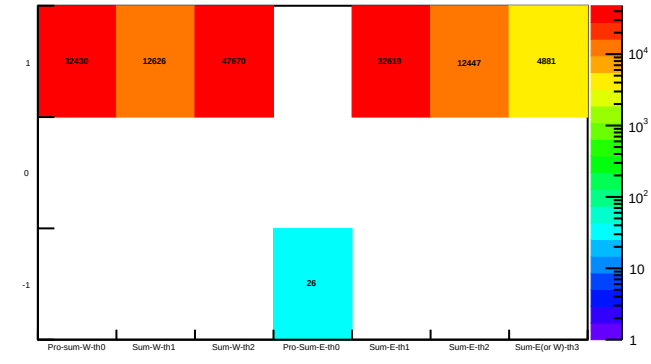
VT201 Input Ch2: ZDC Tac Diff



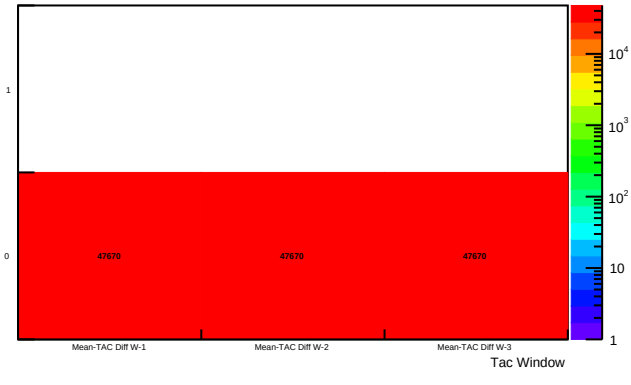
VT201 Input Ch2: ZDC Adc Sum Th



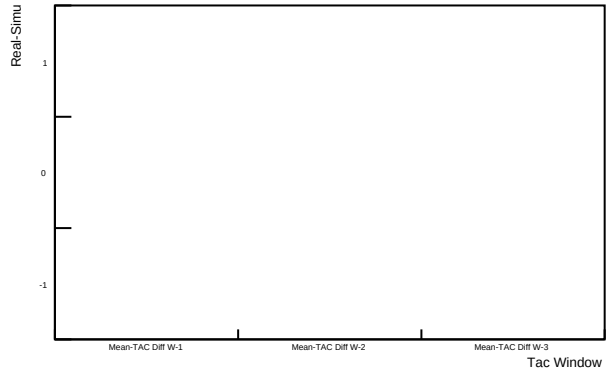
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



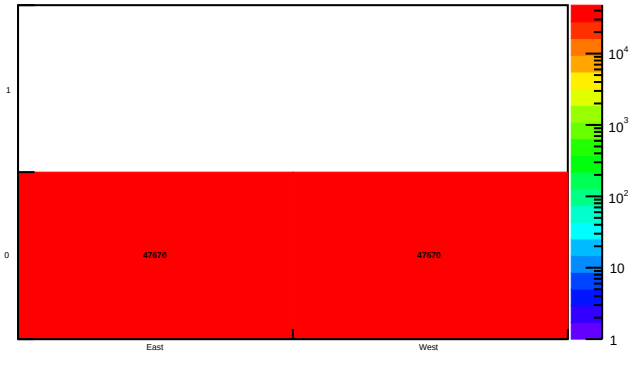
VT201 Input Ch4: VPD Tac Diff



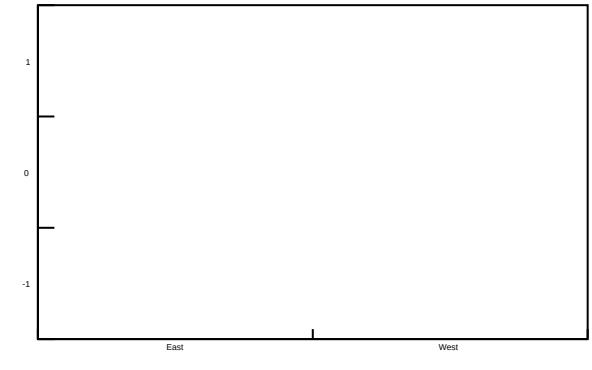
VT201 Input Ch4: VPD Tac Diff

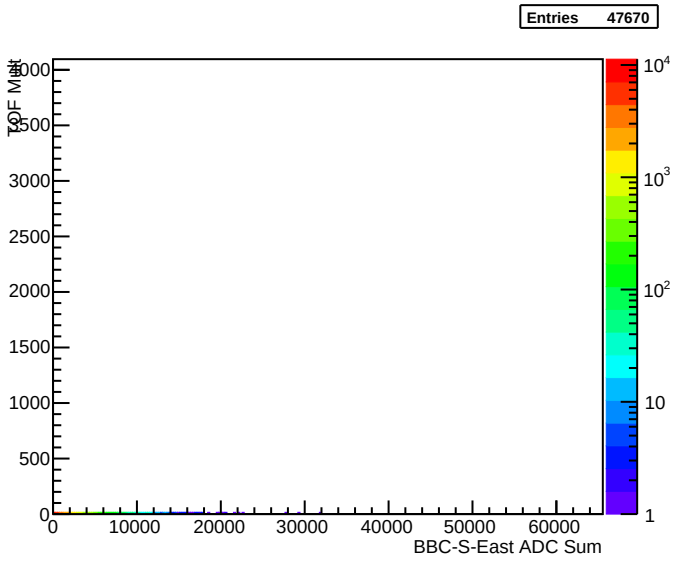


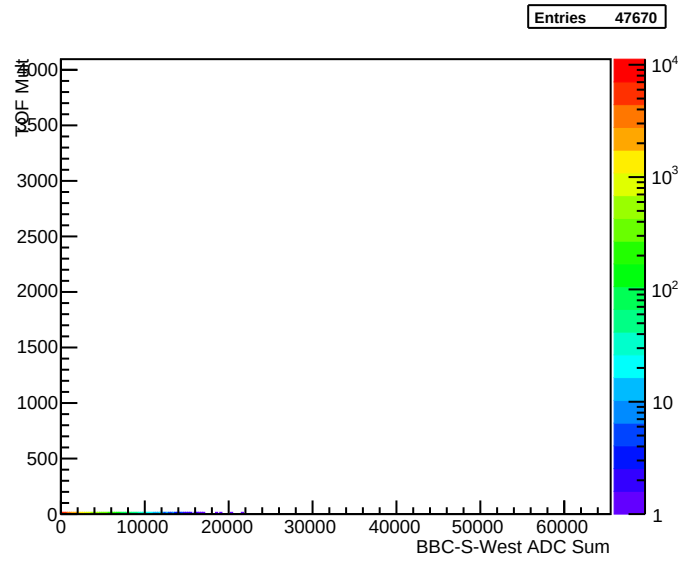
VT201 Input Ch4: VPD Adc Sum Th

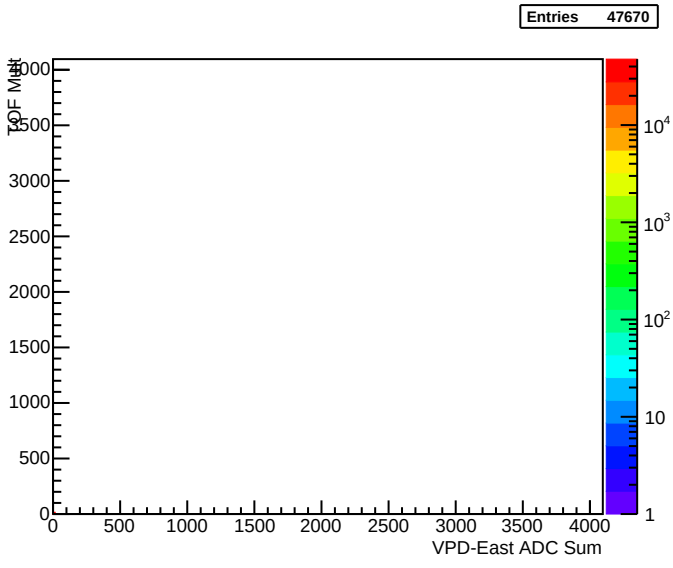


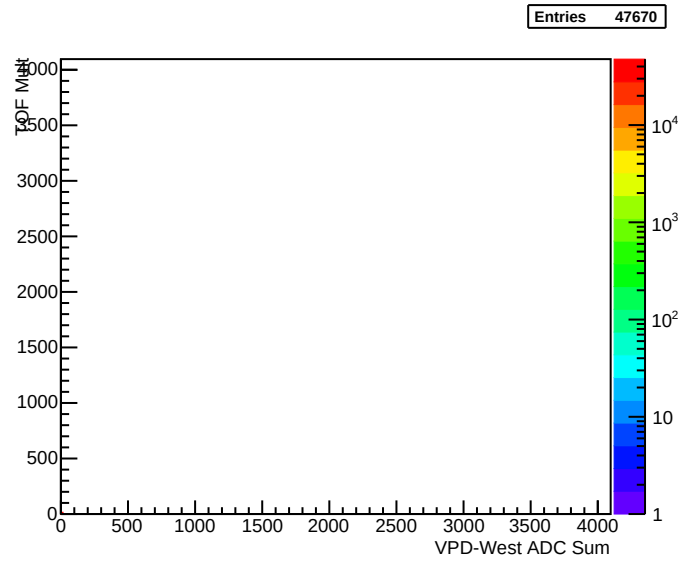
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

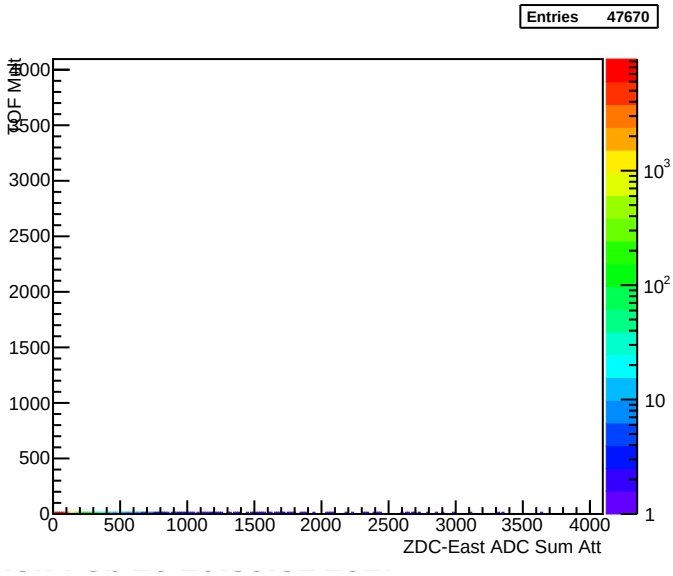


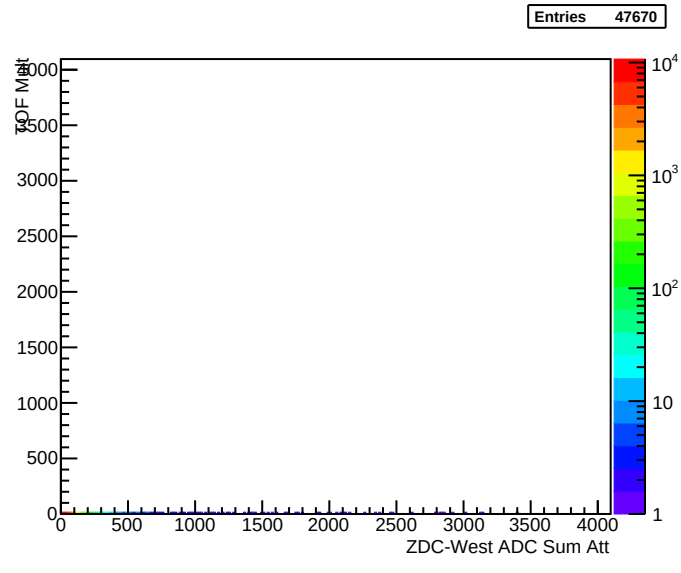

Entries 47670
TOF Mult
BBC-S-East ADC Sum

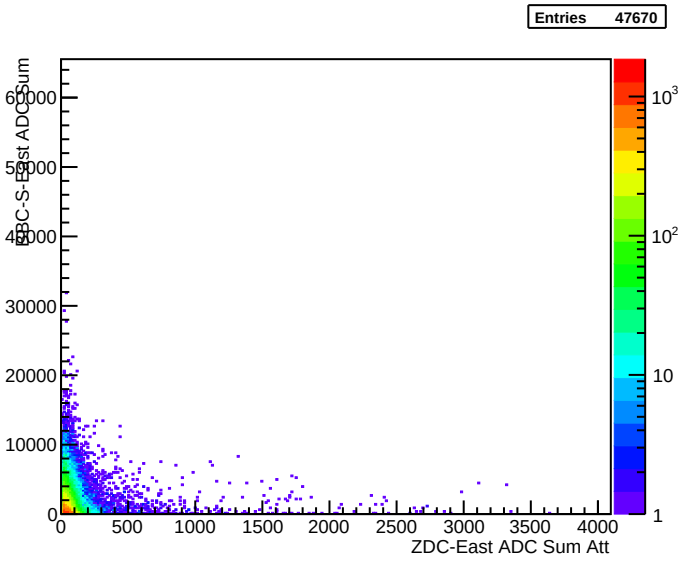

Entries 47670
TOF Mult
BBC-S-West ADC Sum

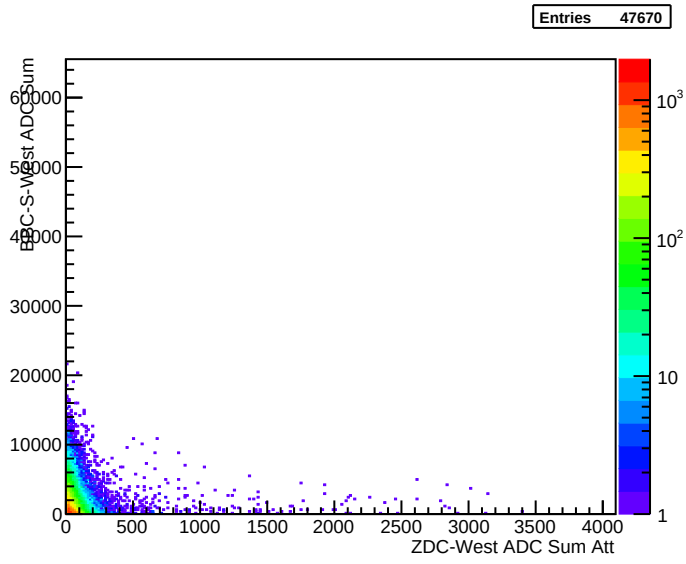

Entries 47670
TOF Mult
VPD-East ADC Sum

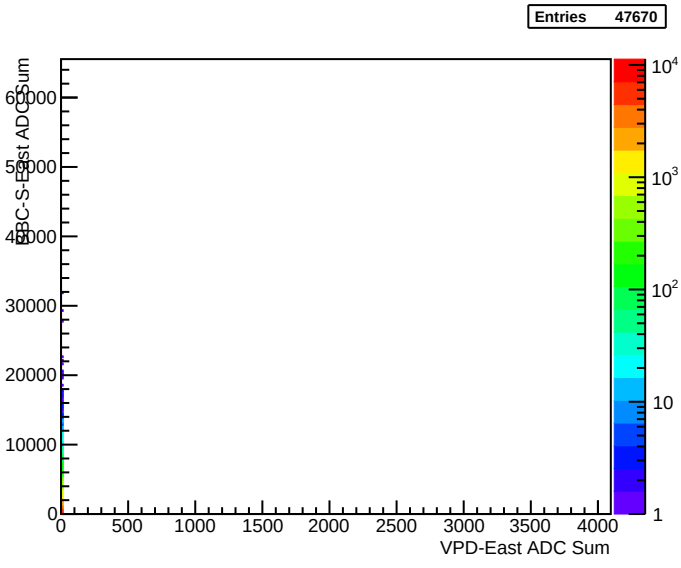

Entries 47670
TOF Mult
VPD-West ADC Sum

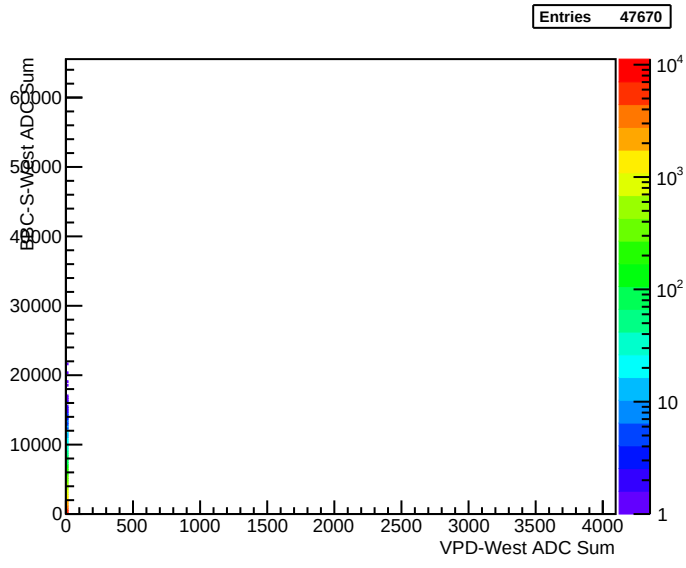

Entries 47670
TOF Mult
ZDC-East ADC Sum Att

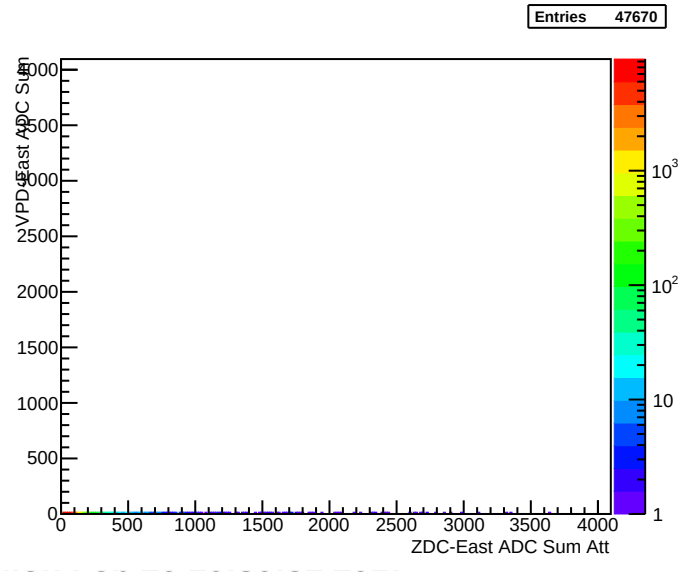

Entries 47670
TOF Mult
ZDC-West ADC Sum Att

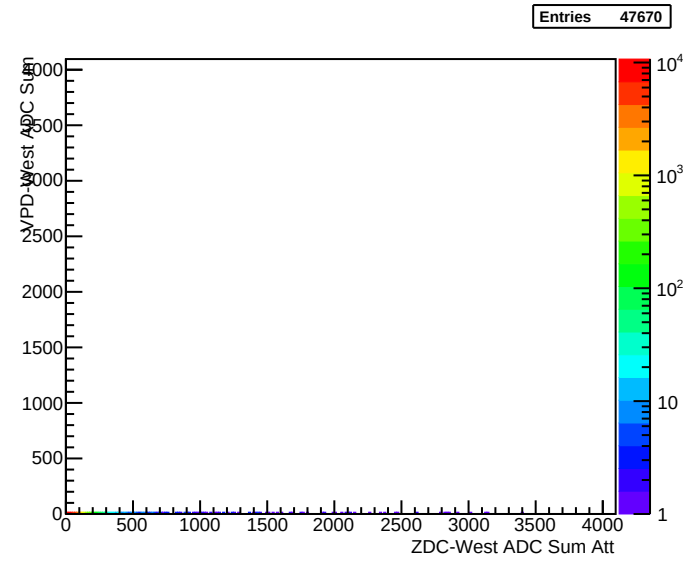

Entries 47670
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

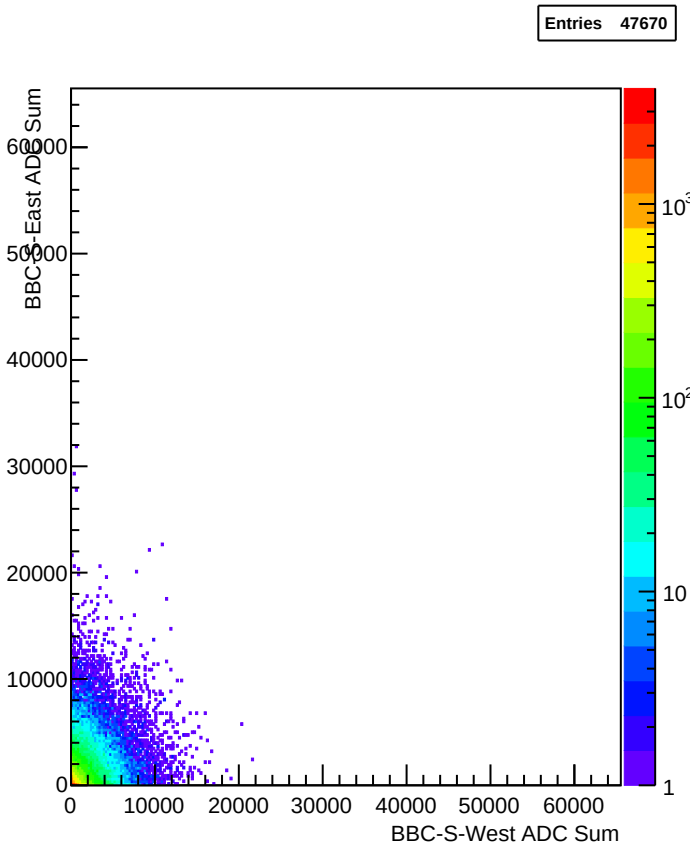

Entries 47670
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

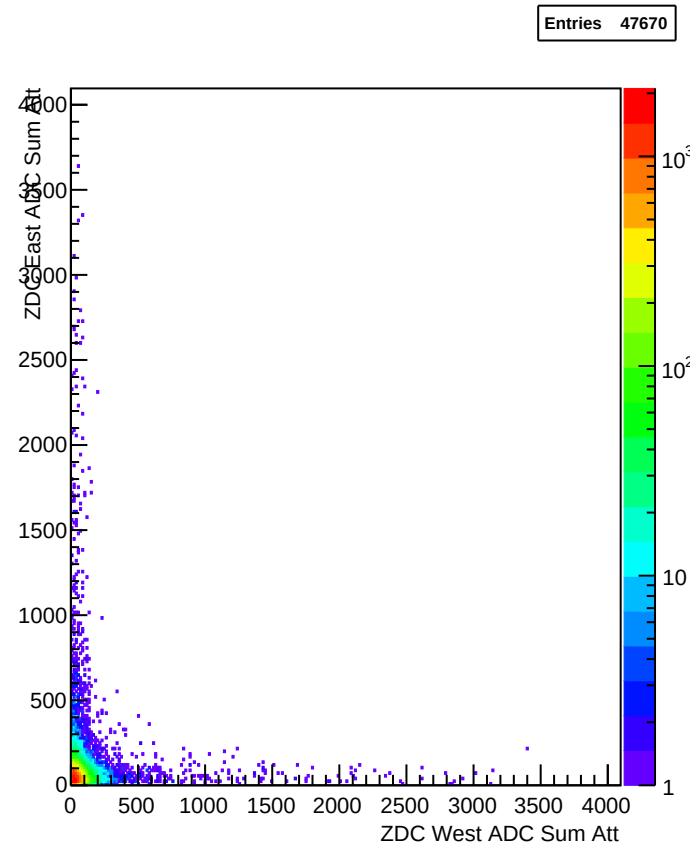

Entries 47670
BBC-S-East ADC Sum
VPD-East ADC Sum

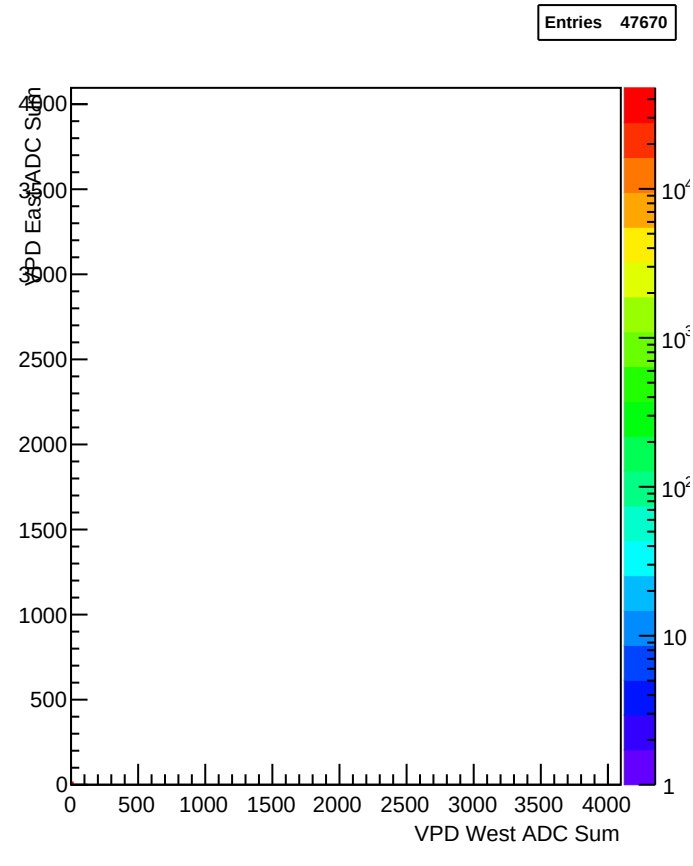

Entries 47670
BBC-S-West ADC Sum
VPD-West ADC Sum

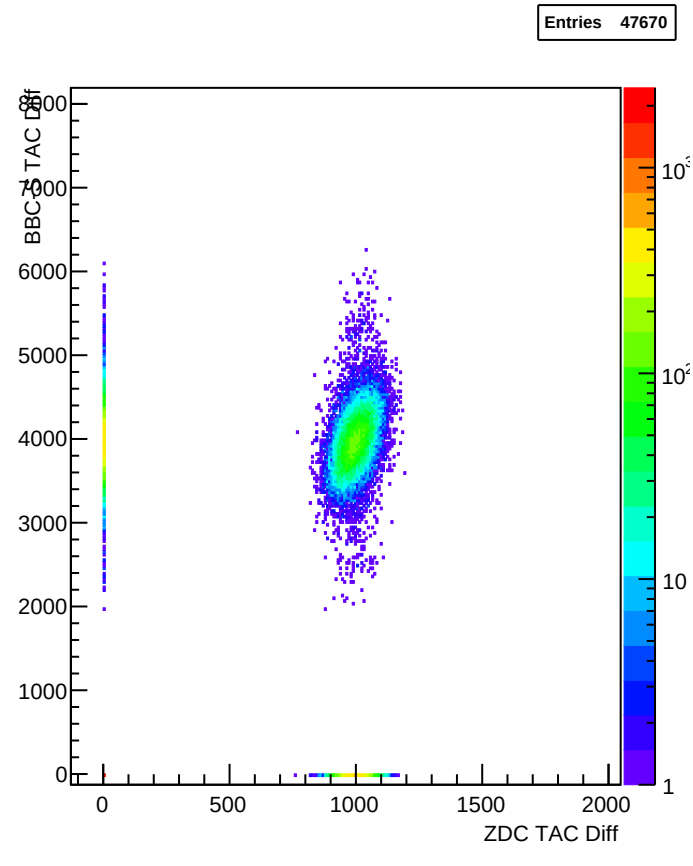

Entries 47670
VPD-East ADC Sum
ZDC-East ADC Sum Att

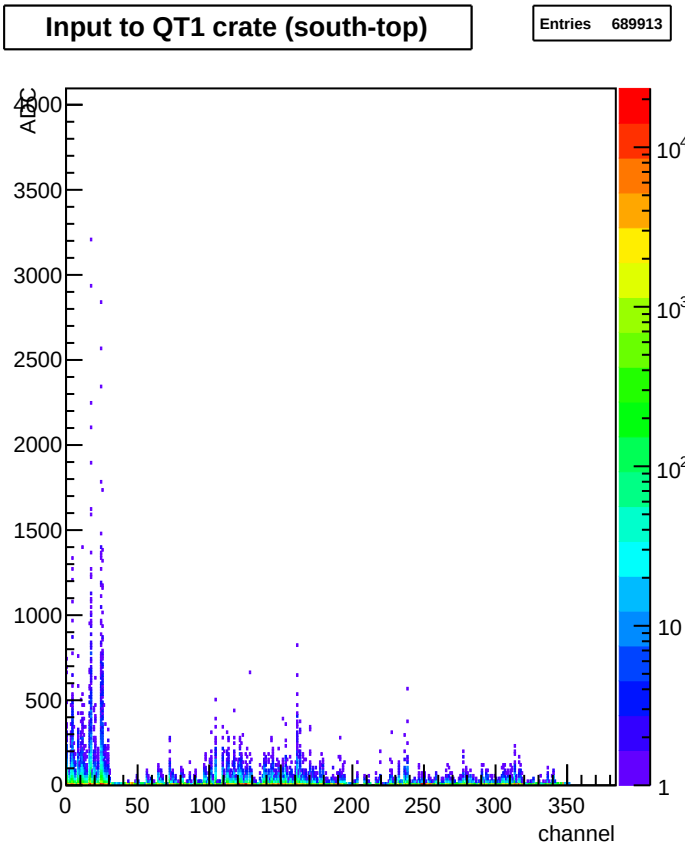

Entries 47670
VPD-West ADC Sum
ZDC-West ADC Sum Att

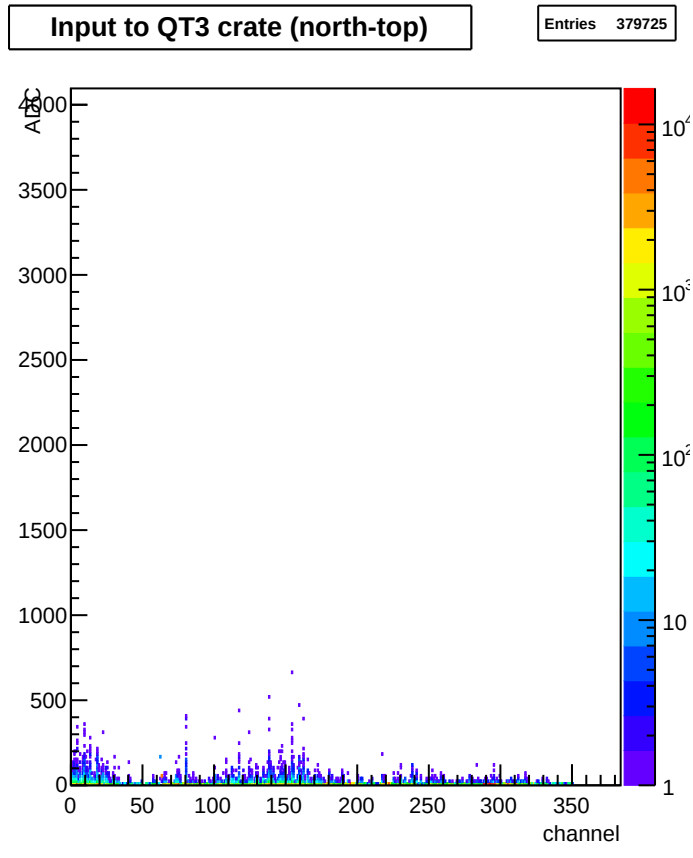

Entries 47670
BBC-S-East ADC Sum
BBC-S-West ADC Sum

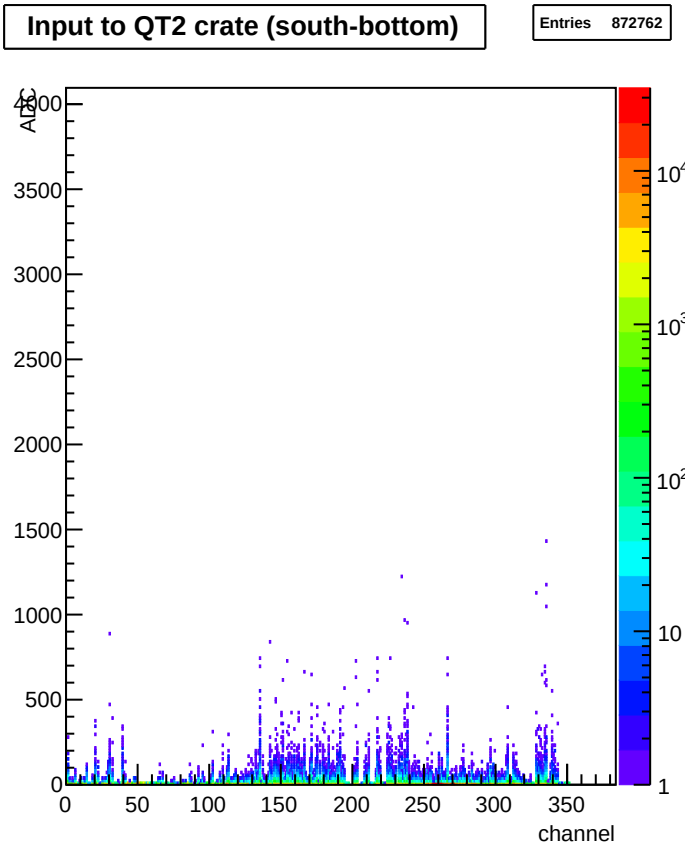

Entries 47670
ZDC East ADC Sum Att
ZDC West ADC Sum Att

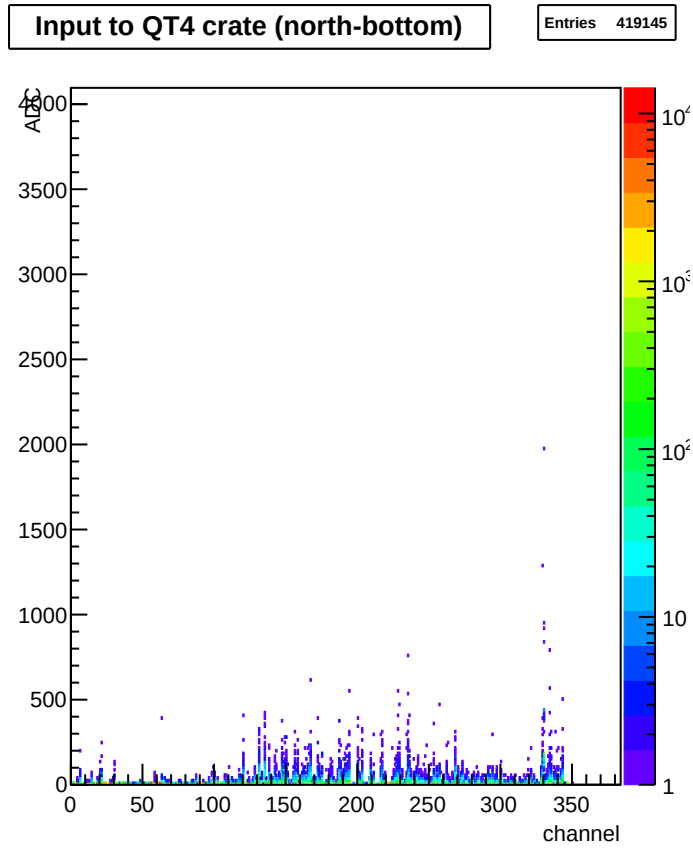

Entries 47670
VPD East ADC Sum
VPD West ADC Sum

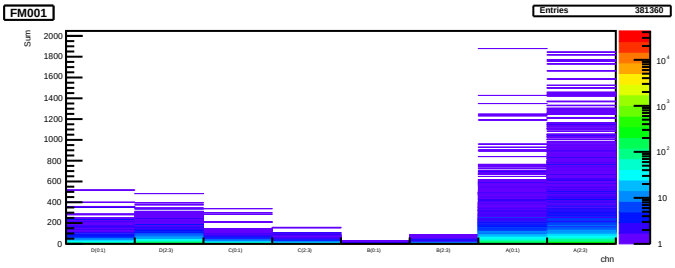

Entries 47670
BBC-S TAC Diff
ZDC TAC Diff

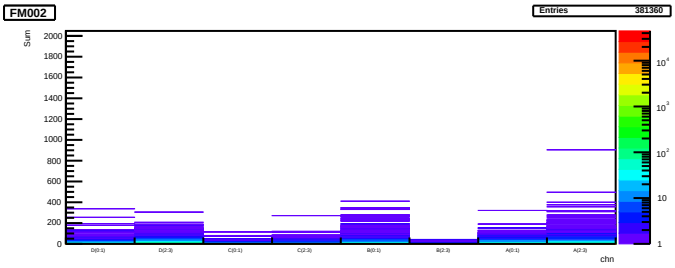

Input to QT1 crate (south-top)
Entries 689913
ADC
channel

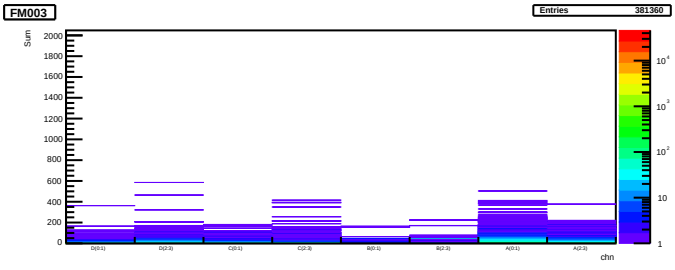

Input to QT3 crate (north-top)
Entries 379725
ADC
channel

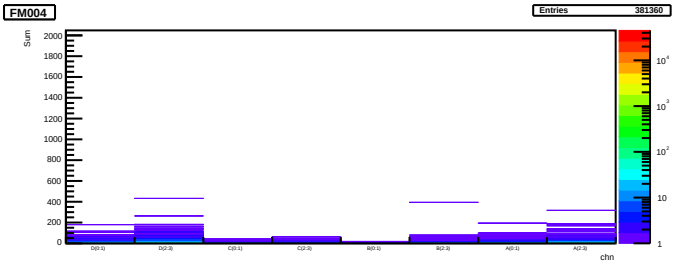

Input to QT2 crate (south-bottom)
Entries 872762
ADC
channel

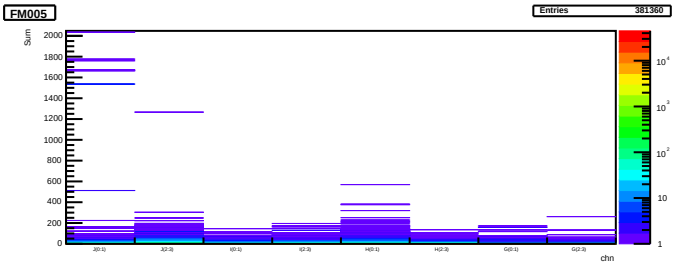

Input to QT4 crate (north-bottom)
Entries 419145
ADC
channel

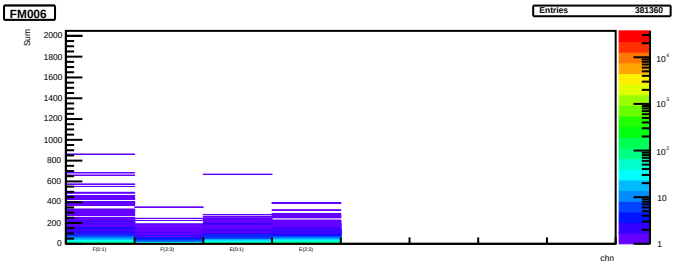

FM001
Entries 381360
Sum
chn

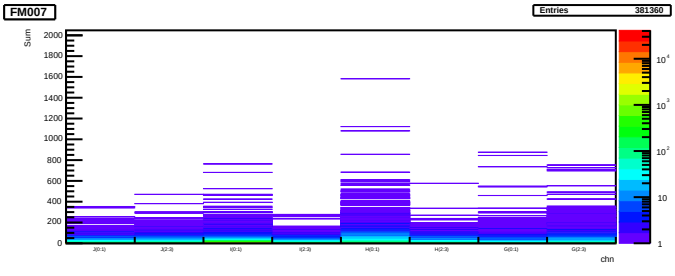

FM002
Entries 381360
Sum
chn

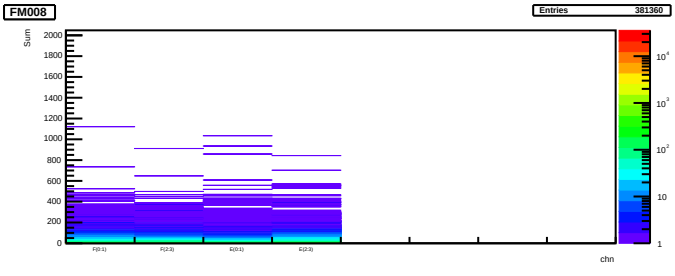

FM003
Entries 381360
Sum
chn

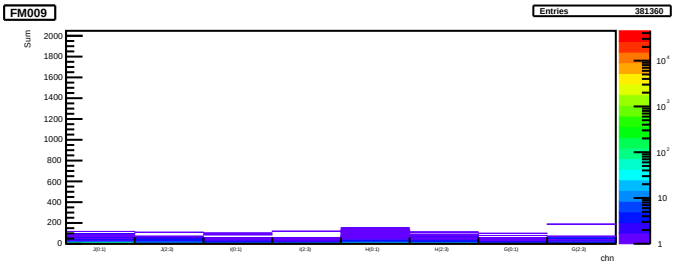

FM004
Entries 381360
Sum
chn

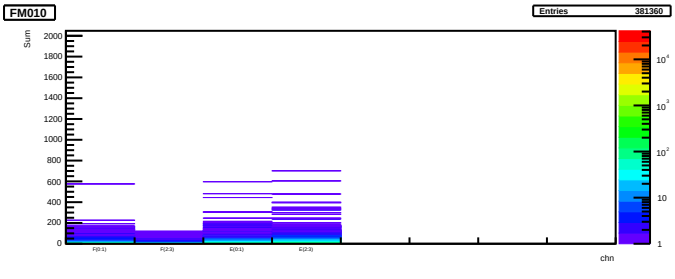

FM005
Entries 381360
Sum
chn

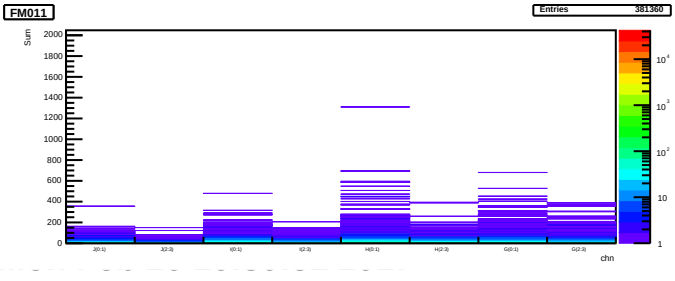

FM006
Entries 381360
Sum
chn

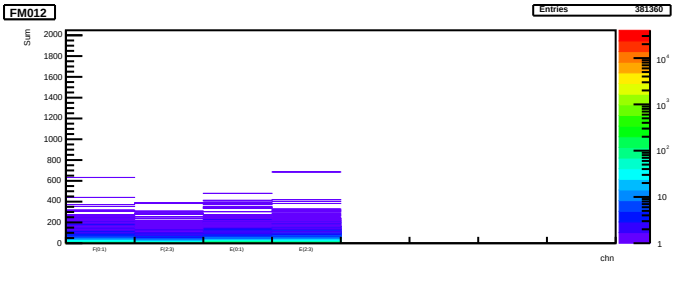

FM007
Entries 381360
Sum
chn

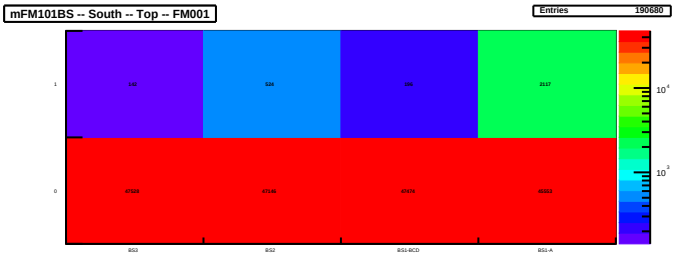

FM008
Entries 381360
Sum
chn

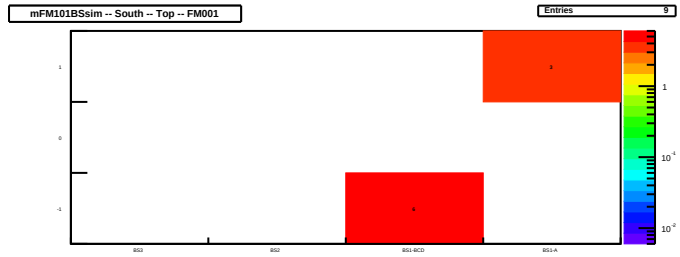

FM009
Entries 381360
Sum
chn

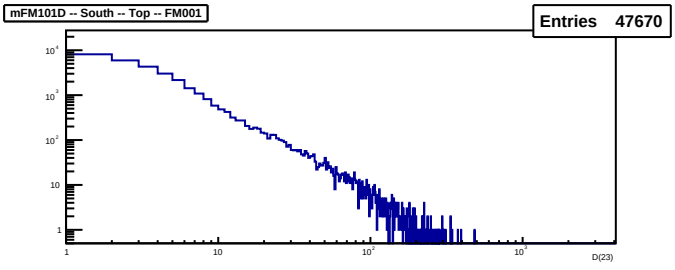

FM010
Entries 381360
Sum
chn

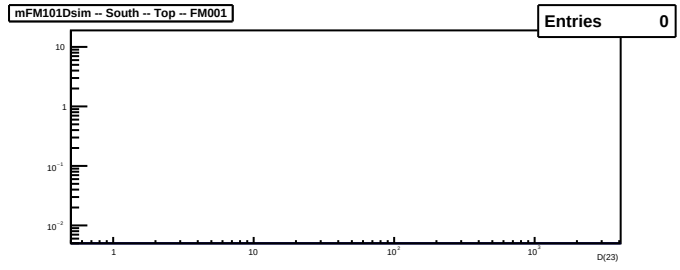

FM011
Entries 381360
Sum
chn

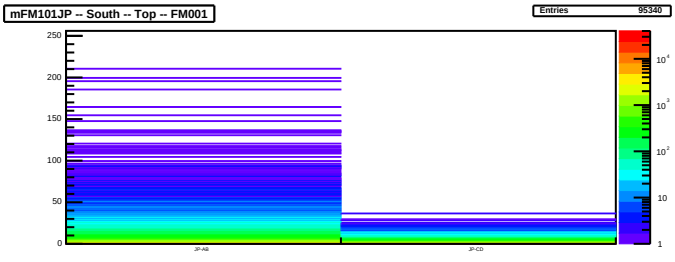

FM012
Entries 381360
Sum
chn

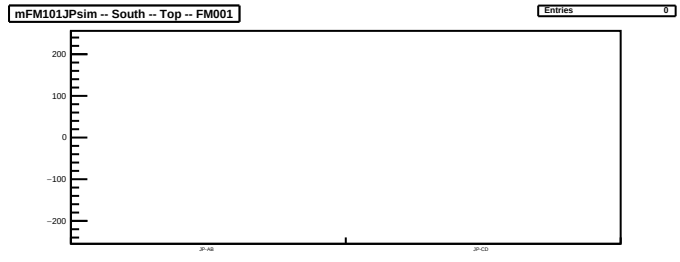

mFM101BS -- South -- Top -- FM001
Entries 190680
142
534
256
2137
47528
47146
47474
45583
BS3
BS2
BS1-BCD
BS1-A

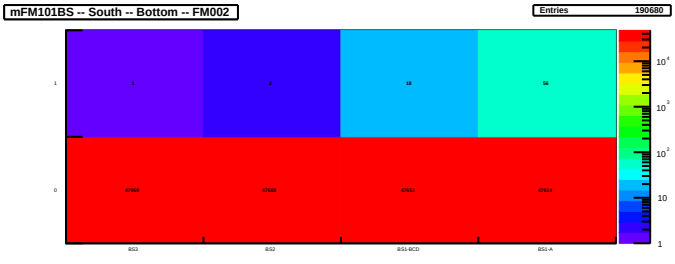

mFM101BSsim -- South -- Top -- FM001
Entries 9
3
6
BS3
BS2
BS1-BCD
BS1-A

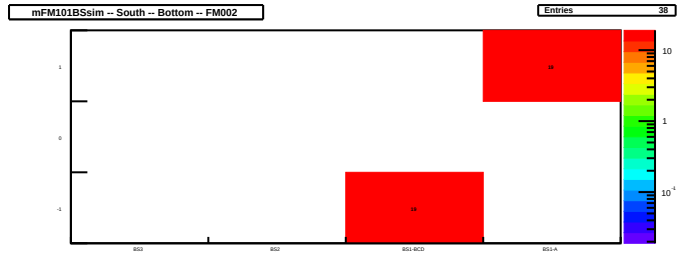

mFM101D -- South -- Top -- FM001
Entries 47670
D(23)

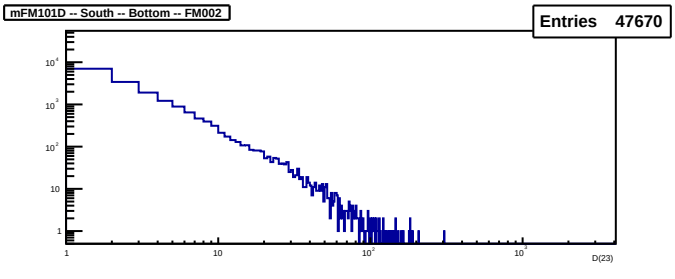

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

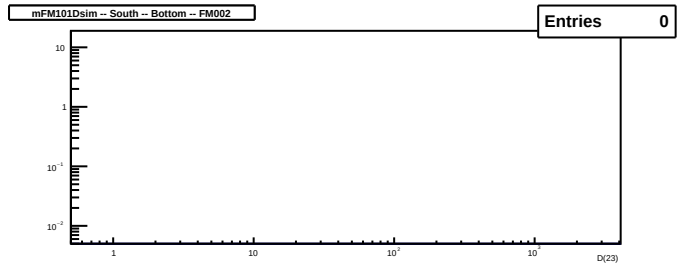

mFM101JP -- South -- Top -- FM001
Entries 95340
JP-AB
JP-CD

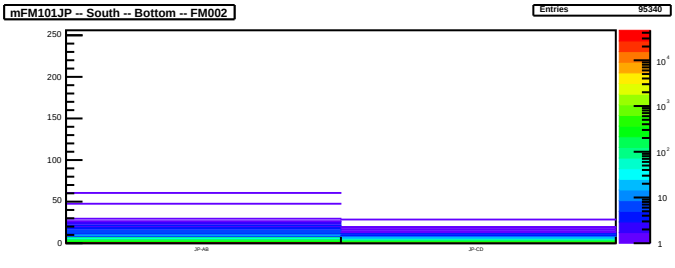

mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD

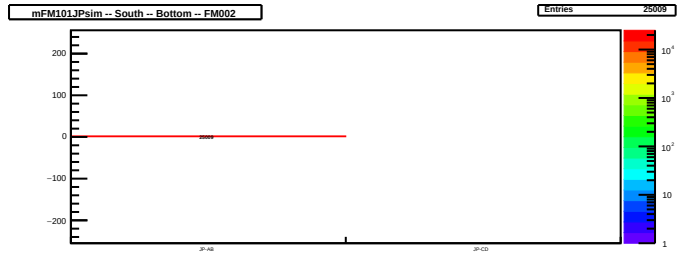

mFM101BS -- South -- Bottom -- FM002
Entries 190680
1
2
18
56
47669
47668
47652
47614
BS3
BS2
BS1-BCD
BS1-A

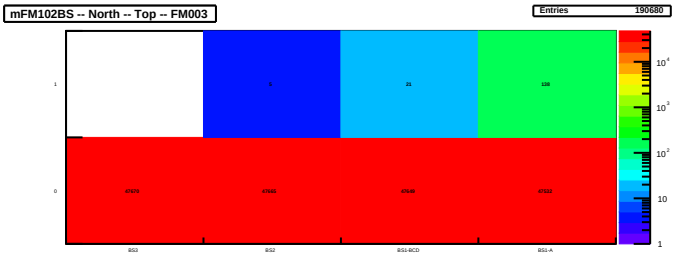

mFM101BSsim -- South -- Bottom -- FM002
Entries 38
19
19
BS3
BS2
BS1-BCD
BS1-A

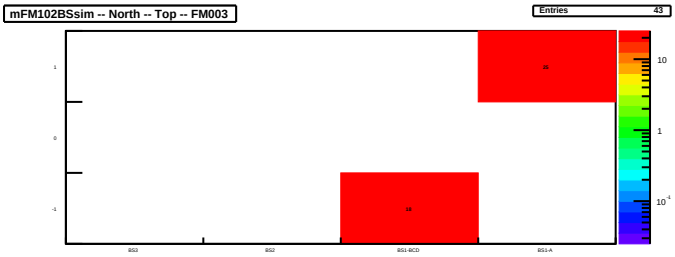

mFM101D -- South -- Bottom -- FM002
Entries 47670
D(23)

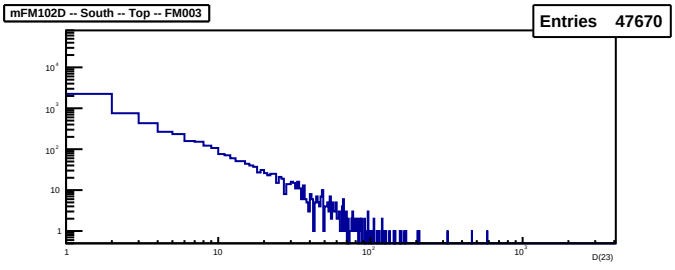

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

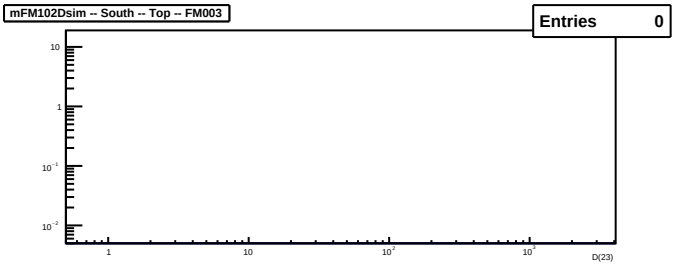

mFM101JP -- South -- Bottom -- FM002
Entries 95340
JP-AB
JP-CD

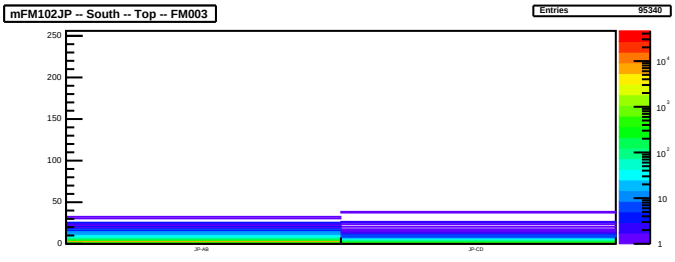

mFM101JPsim -- South -- Bottom -- FM002
Entries 25009
25009
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 190680

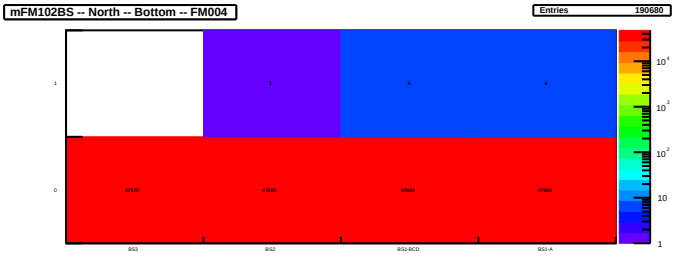

mFM102BSsim -- North -- Top -- FM003
Entries 43

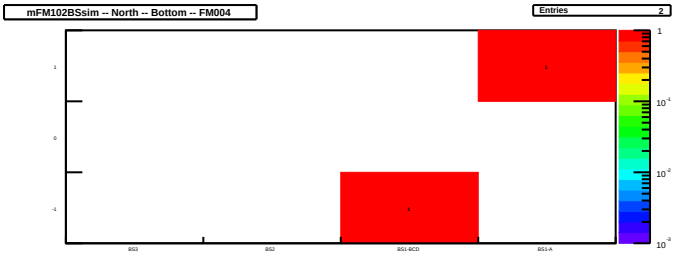

mFM102D -- South -- Top -- FM003
Entries 47670
D(23)

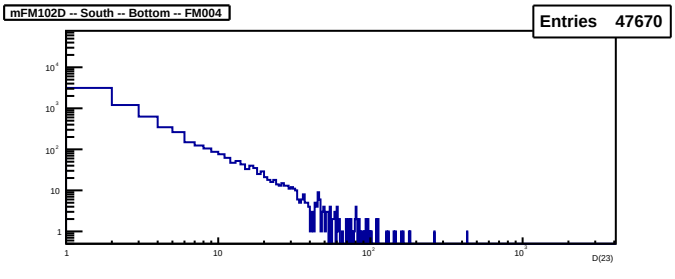

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

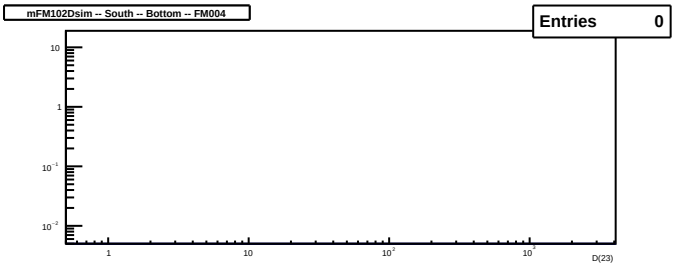

mFM102JP -- South -- Top -- FM003
Entries 95340

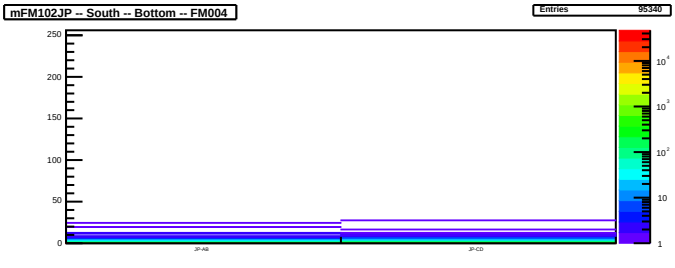
mFM102JPsim -- South -- Top -- FM003
Entries 0

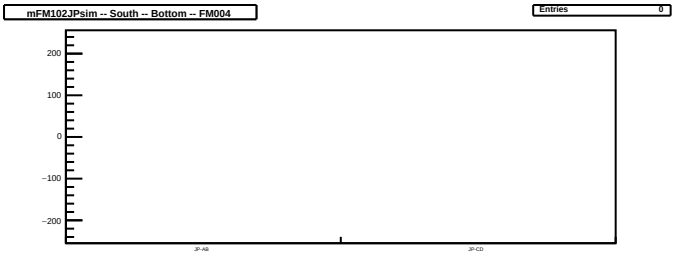

mFM102BS -- North -- Bottom -- FM004
Entries 190680

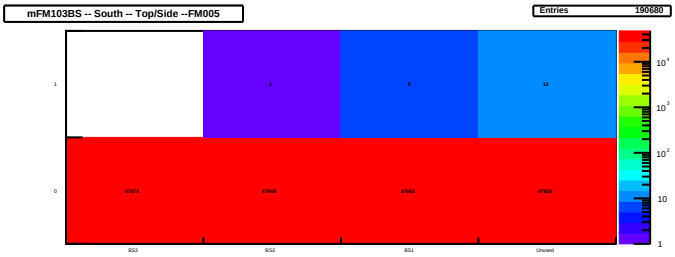

mFM102BSsim -- North -- Bottom -- FM004
Entries 2

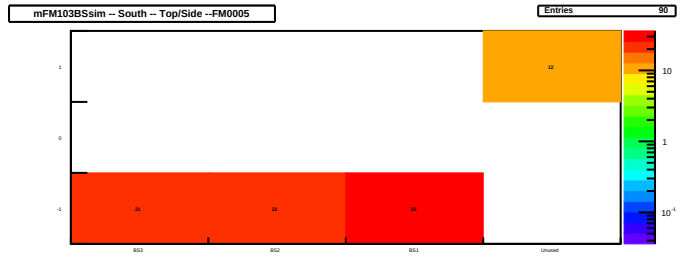

mFM102D -- South -- Bottom -- FM004
Entries 47670
D(23)

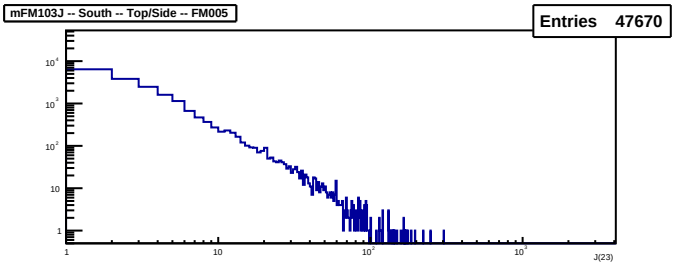

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

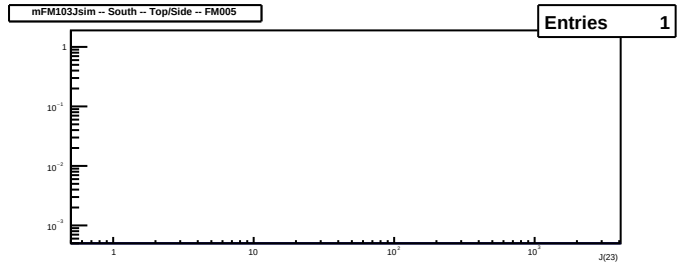

mFM102JP -- South -- Bottom -- FM004
Entries 95340

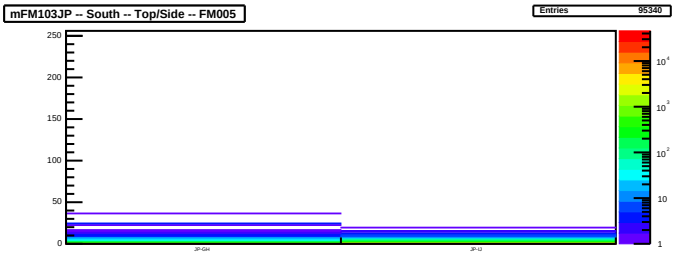

mFM102JPsim -- South -- Bottom -- FM004
Entries 0

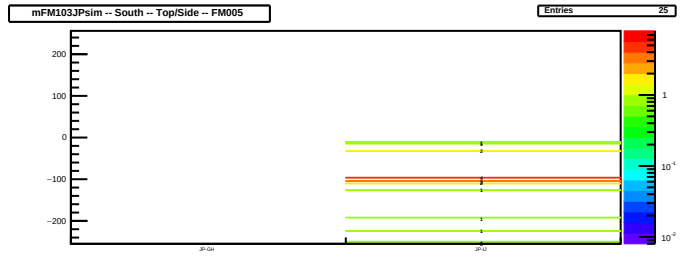

mFM103BS -- South -- Top/Side --FM005
Entries 190680
BS3
BS2
BS1
Unused

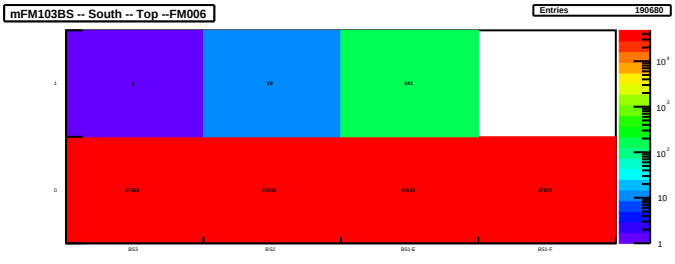

mFM103BSsim -- South -- Top/Side --FM0005
Entries 90
BS3
BS2
BS1
Unused

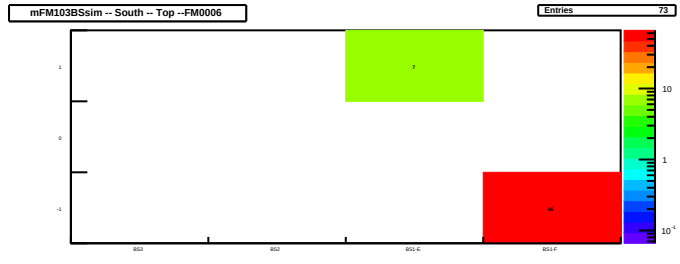

mFM103J -- South -- Top/Side -- FM005
Entries 47670
J(23)

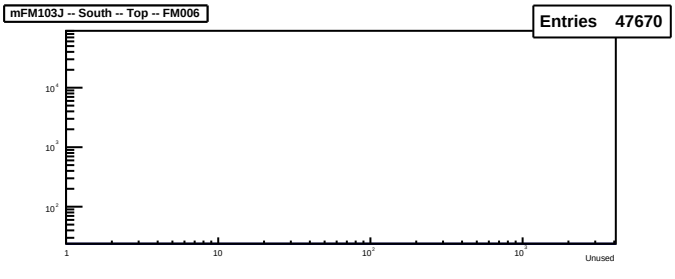

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1
J(23)

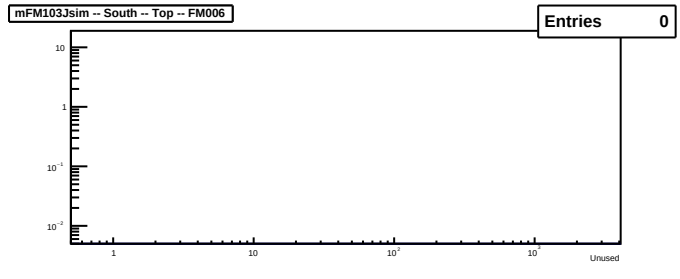

mFM103JP -- South -- Top/Side -- FM005
Entries 95340
JP-GH
JP-IJ

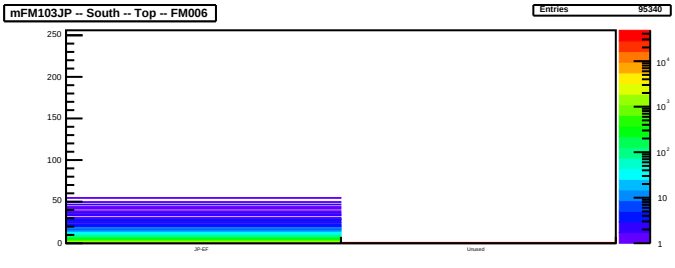

mFM103JPsim -- South -- Top/Side -- FM005
Entries 25
JP-GH
JP-IJ

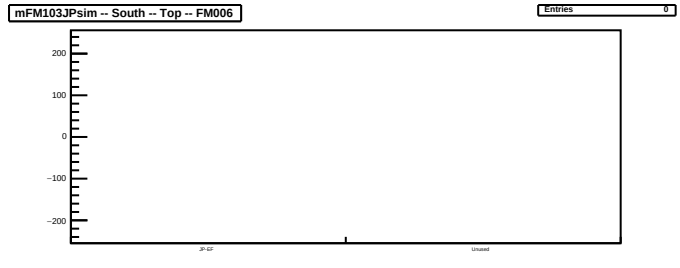

mFM103BS -- South -- Top --FM006
Entries 190680
BS3
BS2
BS1-E
BS1-F

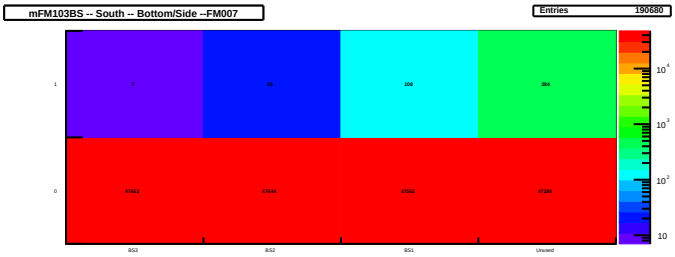

mFM103BSsim -- South -- Top --FM0006
Entries 73
BS3
BS2
BS1-E
BS1-F

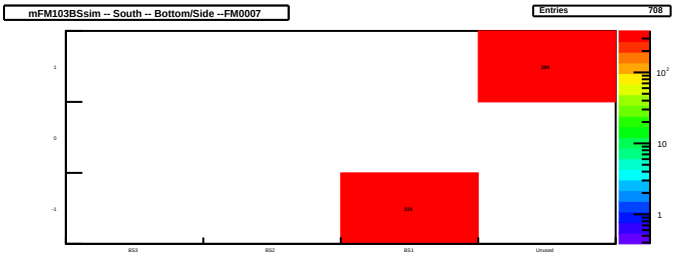

mFM103J -- South -- Top -- FM006
Entries 47670
Unused

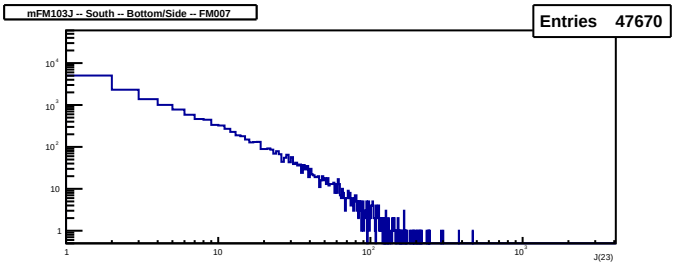

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

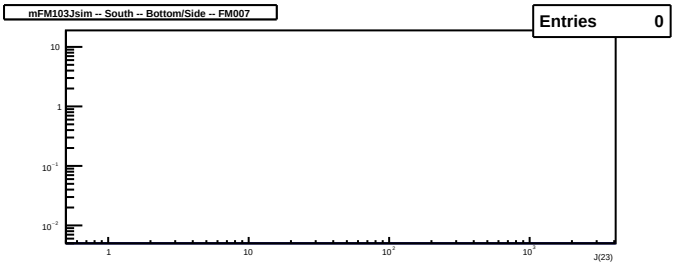

mFM103JP -- South -- Top -- FM006
Entries 95340
JP-EF
Unused

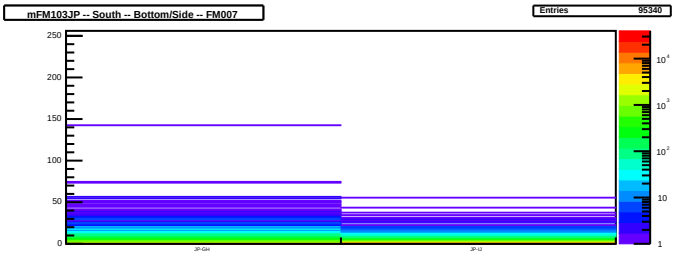

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

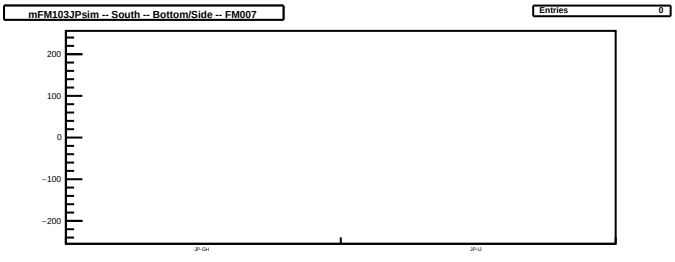

mFM103BS -- South -- Bottom/Side --FM007
Entries 190680
7
22
168
364
47663
47644
47502
47286
BS3
BS2
BS1
Unused

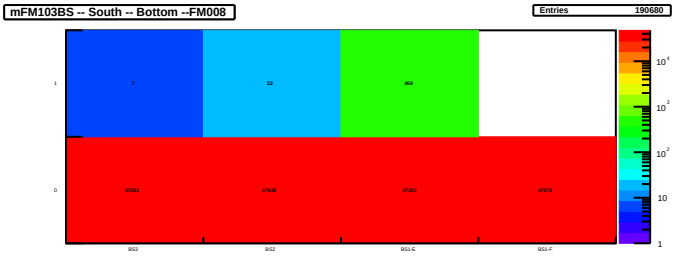

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 708
364
334
BS3
BS2
BS1
Unused

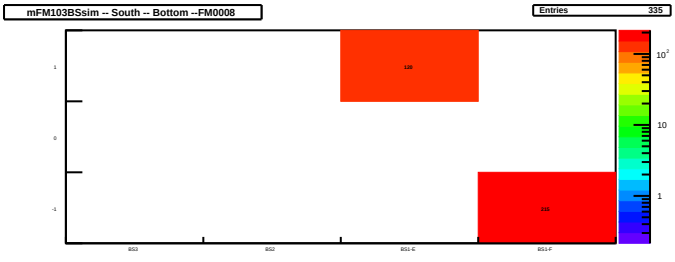

mFM103J -- South -- Bottom/Side -- FM007
Entries 47670
J(23)

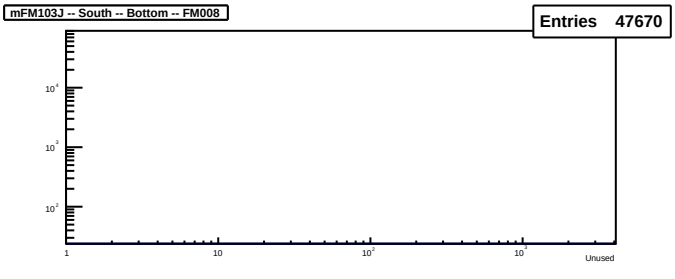

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

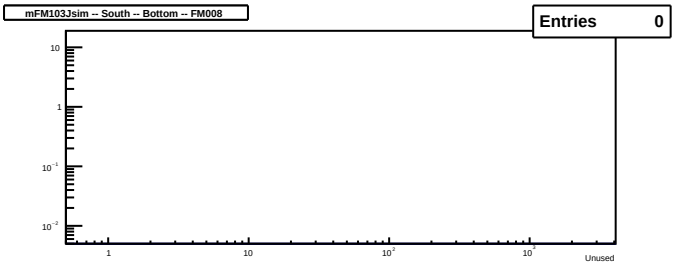

mFM103JP -- South -- Bottom/Side -- FM007
Entries 95340
JP-GH
JP-IJ

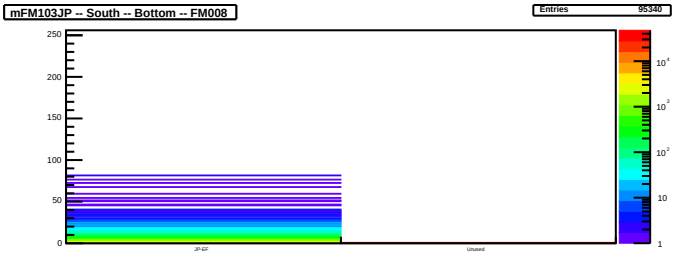

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

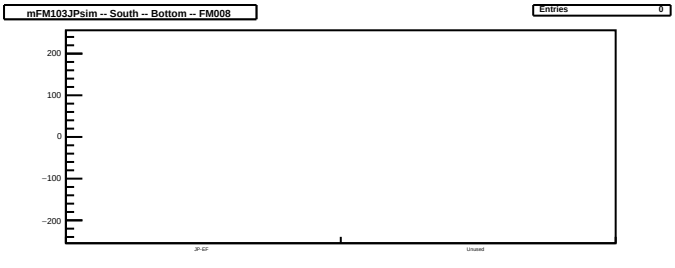

mFM103BS -- South -- Bottom --FM008
Entries 190680
7
22
460
47663
47648
47201
47670
BS3
BS2
BS1-E
BS1-F

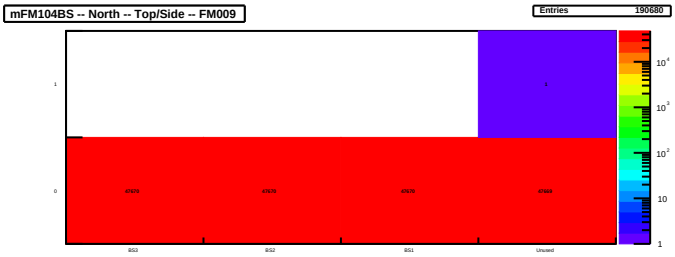

mFM103BSsim -- South -- Bottom --FM0008
Entries 335
120
215
BS3
BS2
BS1-E
BS1-F

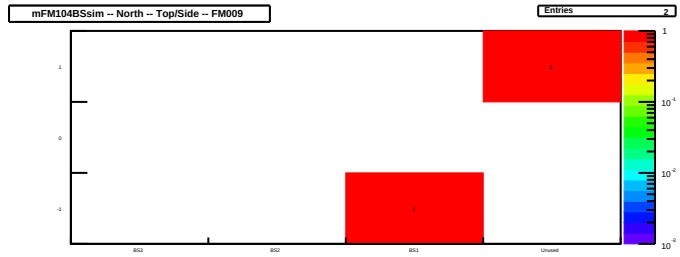

mFM103J -- South -- Bottom -- FM008
Entries 47670
Unused

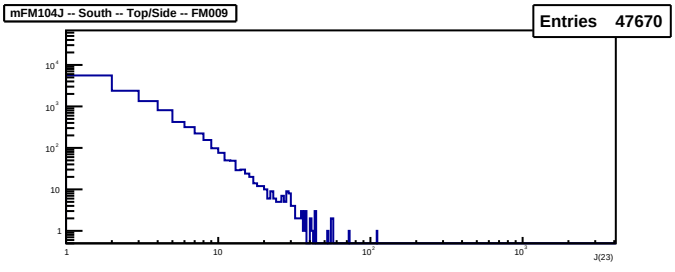

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

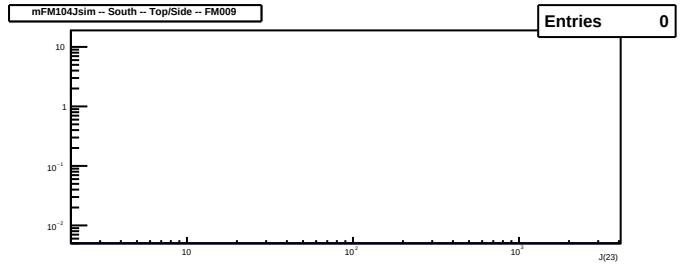

mFM103JP -- South -- Bottom -- FM008
Entries 95340
JP-EF
Unused

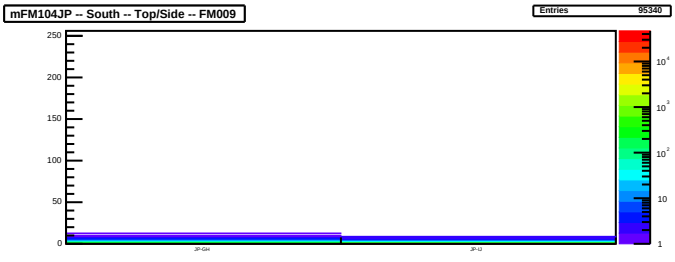

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

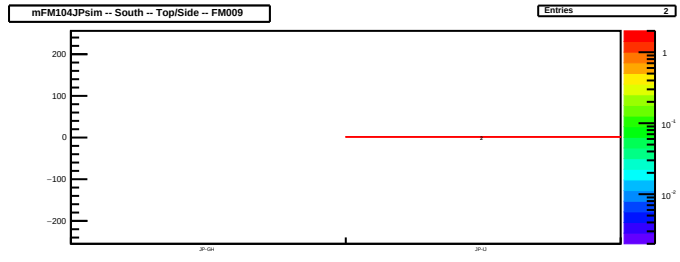

mFM104BS -- North -- Top/Side -- FM009
Entries 190680
BS3
BS2
BS1
Unused

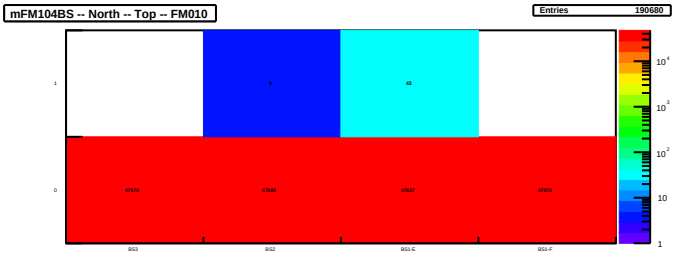

mFM104BSsim -- North -- Top/Side -- FM009
Entries 2
BS3
BS2
BS1
Unused

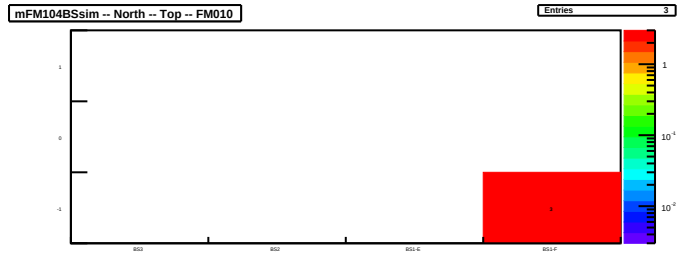

mFM104J -- South -- Top/Side -- FM009
Entries 47670
J(23)

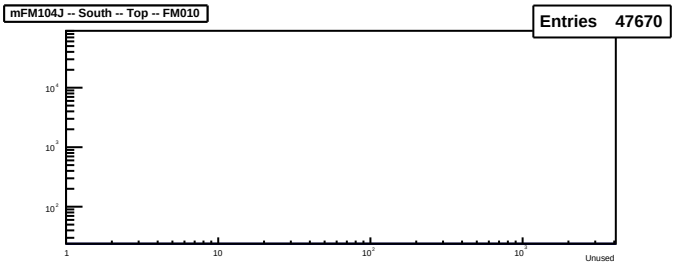

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

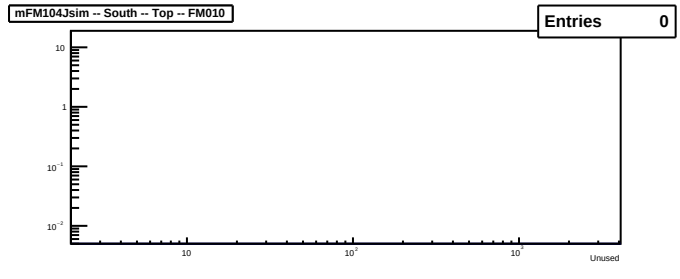

mFM104JP -- South -- Top/Side -- FM009
Entries 95340
JP-GH
JP-IJ

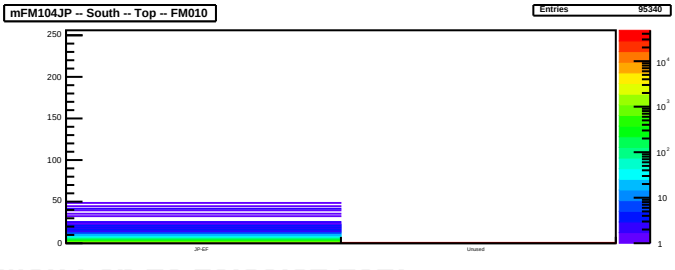

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2
JP-GH
JP-IJ

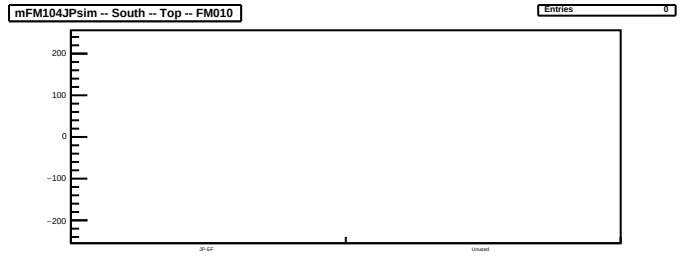

mFM104BS -- North -- Top -- FM010
Entries 190680
BS3
BS2
BS1-E
BS1-F

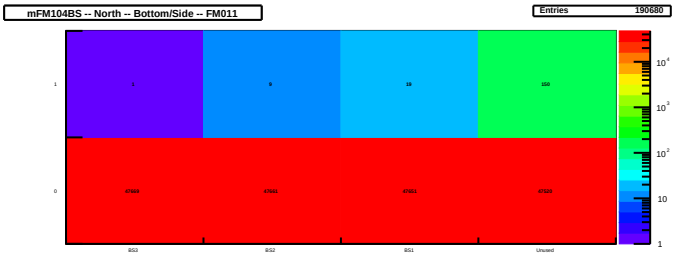

mFM104BSsim -- North -- Top -- FM010
Entries 3
BS3
BS2
BS1-E
BS1-F

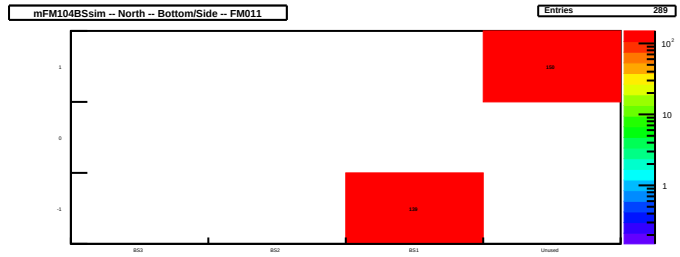

mFM104J -- South -- Top -- FM010
Entries 47670
Unused

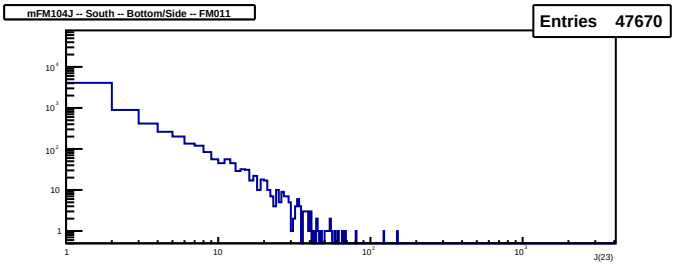

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

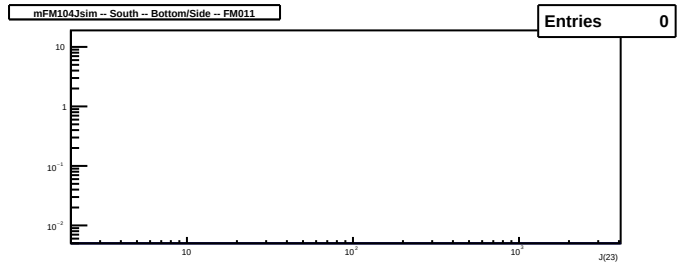

mFM104JP -- South -- Top -- FM010
Entries 95340
JP-EF
Unused

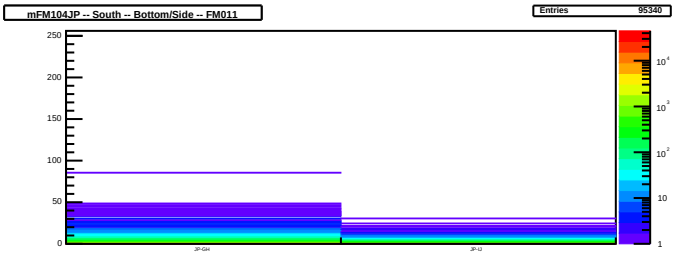

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

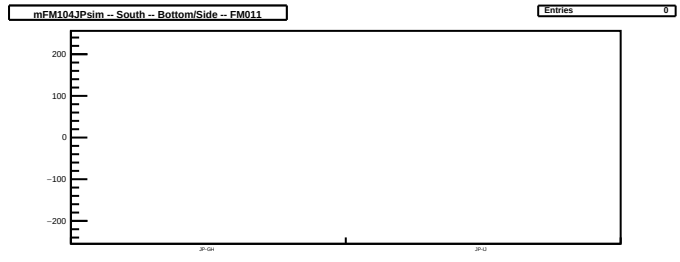

mFM104BS -- North -- Bottom/Side -- FM011
Entries 190680

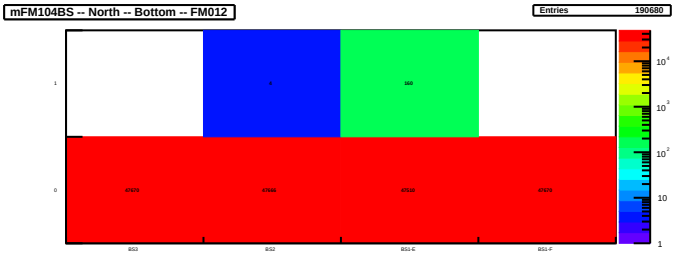

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 289

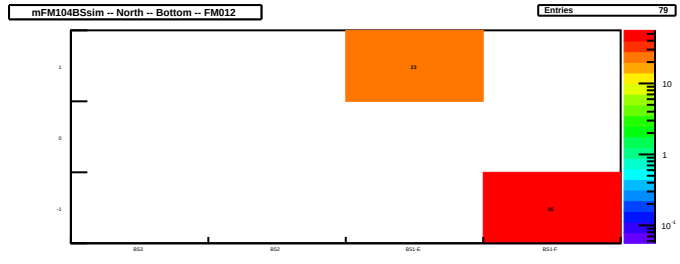

mFM104J -- South -- Bottom/Side -- FM011
Entries 47670
J(23)

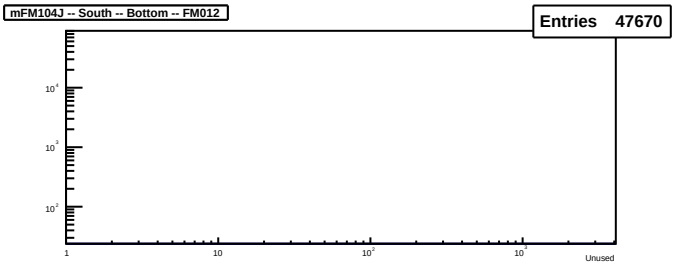

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

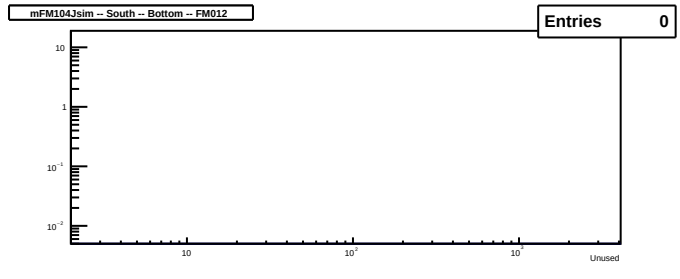

mFM104JP -- South -- Bottom/Side -- FM011
Entries 95340

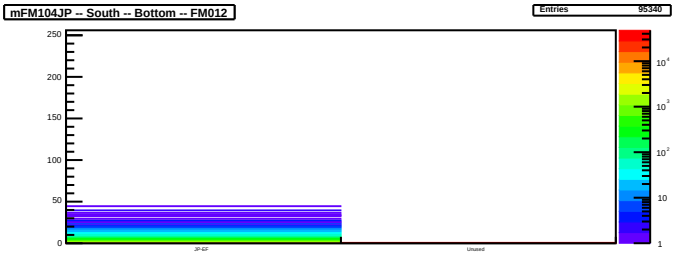

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0

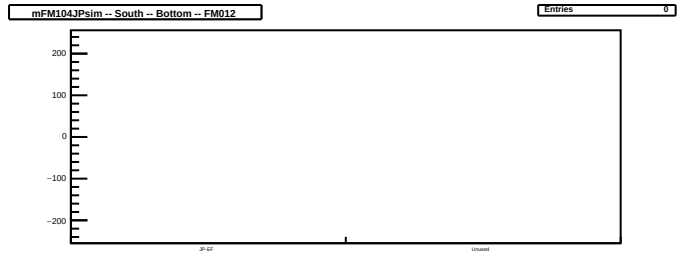

mFM104BS -- North -- Bottom -- FM012
Entries 190680

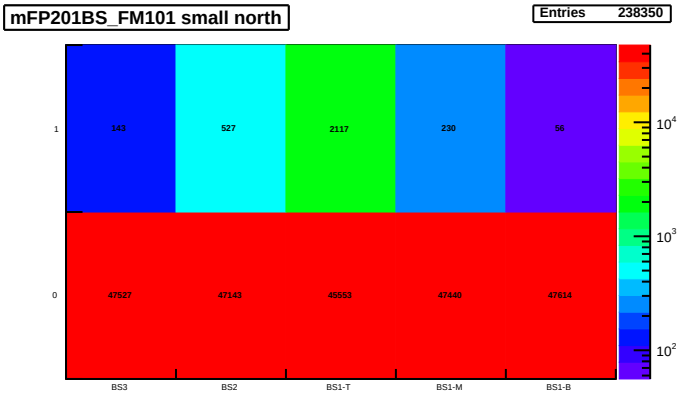

mFM104BSsim -- North -- Bottom -- FM012
Entries 79

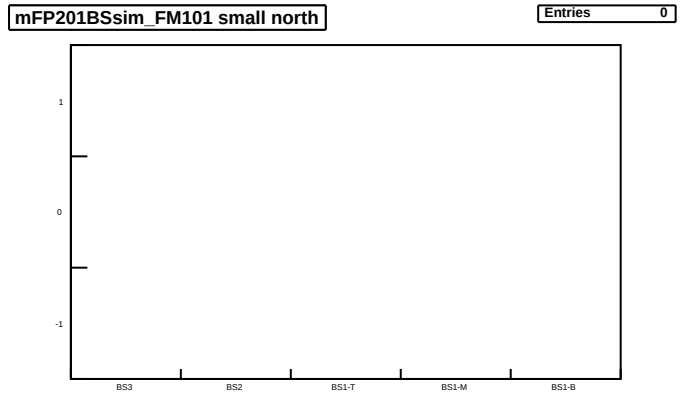

mFM104J -- South -- Bottom -- FM012
Entries 47670
Unused

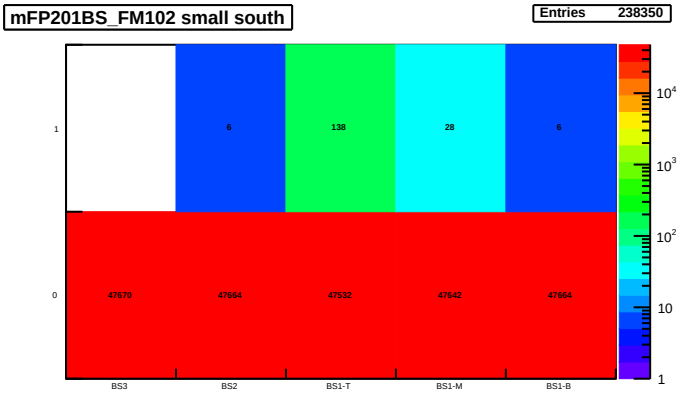

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

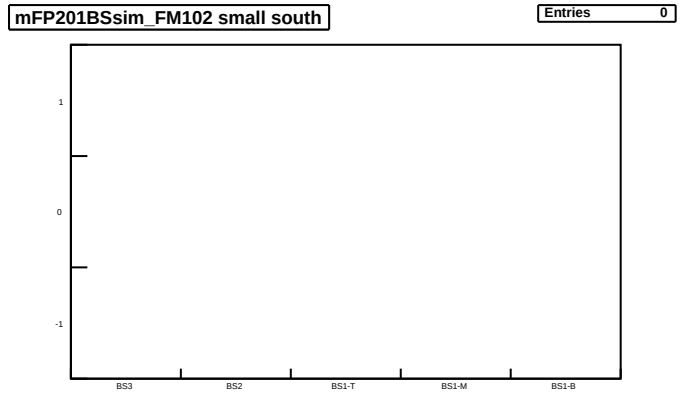

mFM104JP -- South -- Bottom -- FM012
Entries 95340

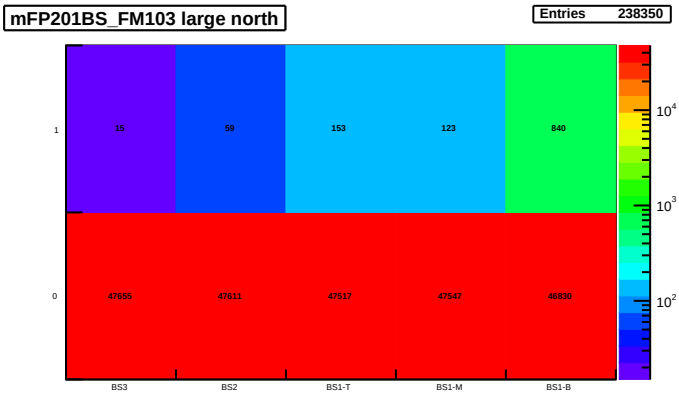

mFM104JPsim -- South -- Bottom -- FM012
Entries 0

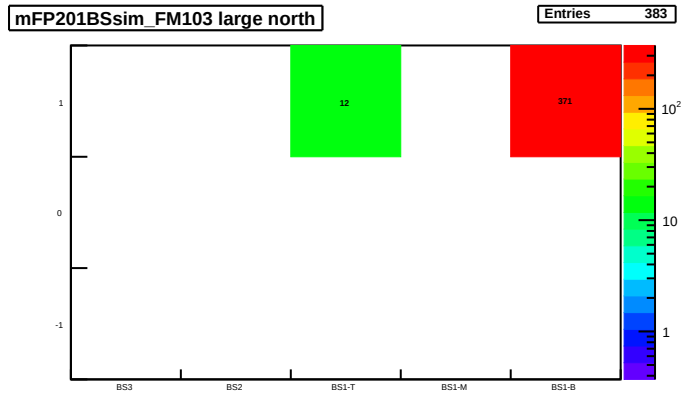

mFP201BS_FM101 small north
Entries 238350
143
527
2117
230
56
47527
47143
45553
47440
47614
BS3
BS2
BS1-T
BS1-M
BS1-B

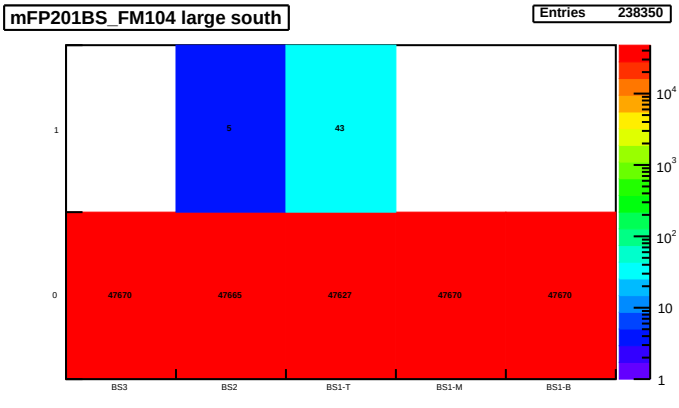

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

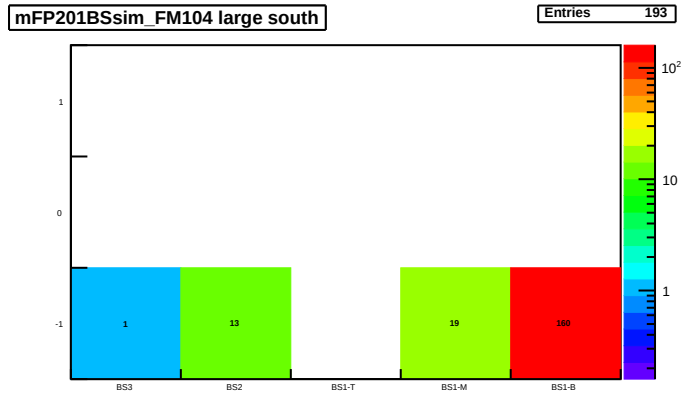

mFP201BS_FM102 small south
Entries 238350
6
138
28
6
47670
47664
47532
47642
47664
BS3
BS2
BS1-T
BS1-M
BS1-B

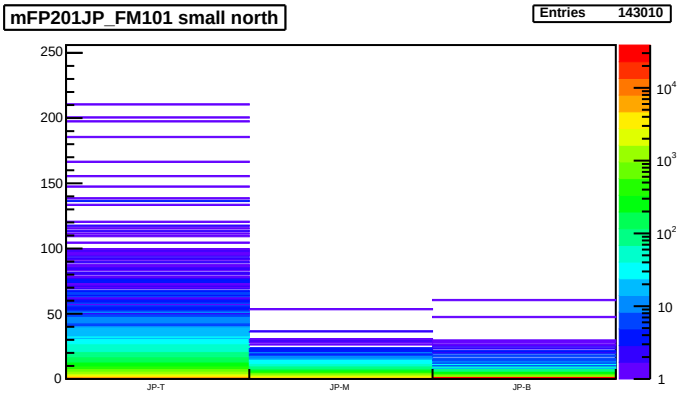

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

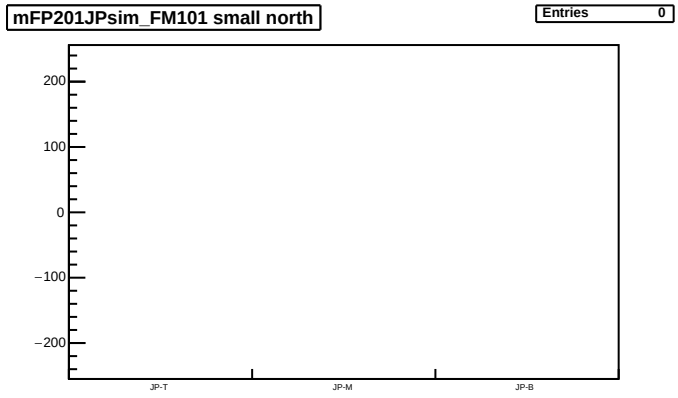

mFP201BS_FM103 large north
Entries 238350
15
59
153
123
840
47655
47611
47517
47547
46830
BS3
BS2
BS1-T
BS1-M
BS1-B

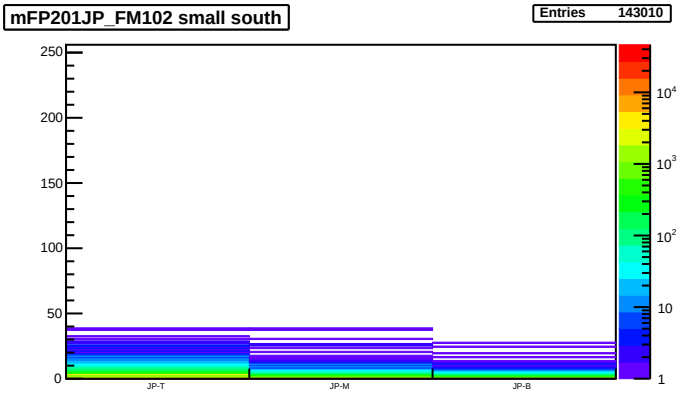

mFP201BSsim_FM103 large north
Entries 383
12
371
BS3
BS2
BS1-T
BS1-M
BS1-B

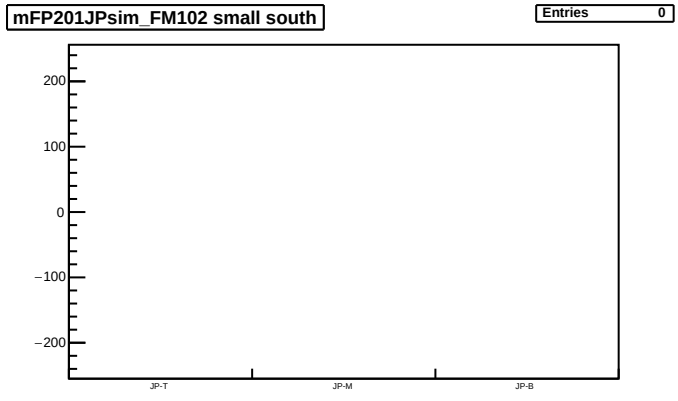

mFP201BS_FM104 large south
Entries 238350
5
43
47670
47665
47627
47670
47670
BS3
BS2
BS1-T
BS1-M
BS1-B

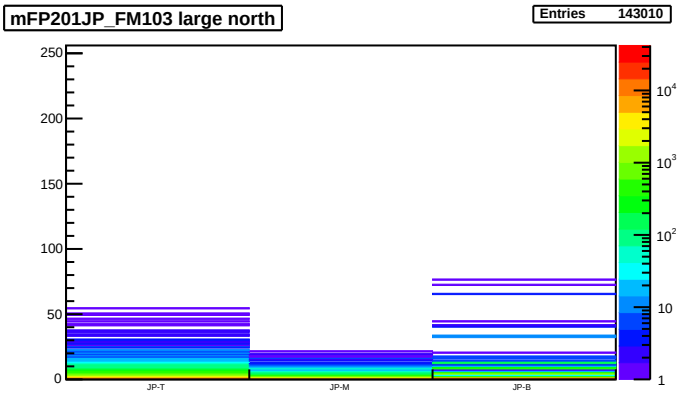

mFP201BSsim_FM104 large south
Entries 193
1
13
19
160
BS3
BS2
BS1-T
BS1-M
BS1-B

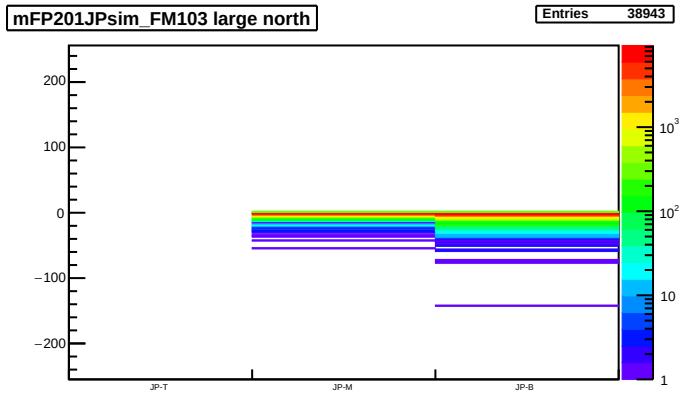

mFP201JP_FM101 small north
Entries 143010
JP-T
JP-M
JP-B

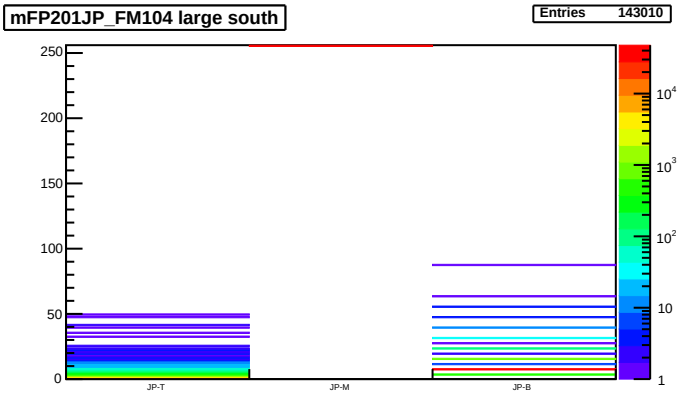

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

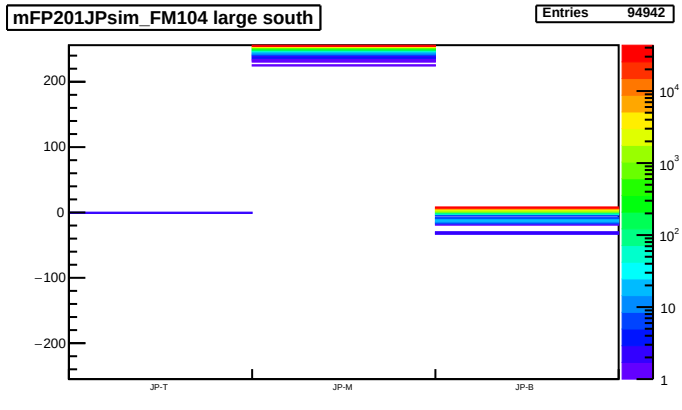

mFP201JP_FM102 small south
Entries 143010
JP-T
JP-M
JP-B

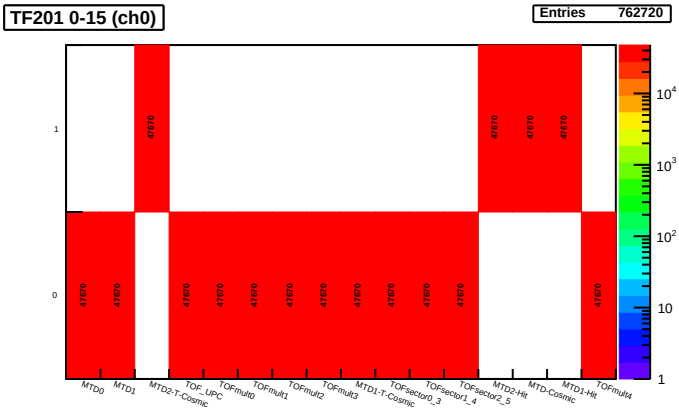

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

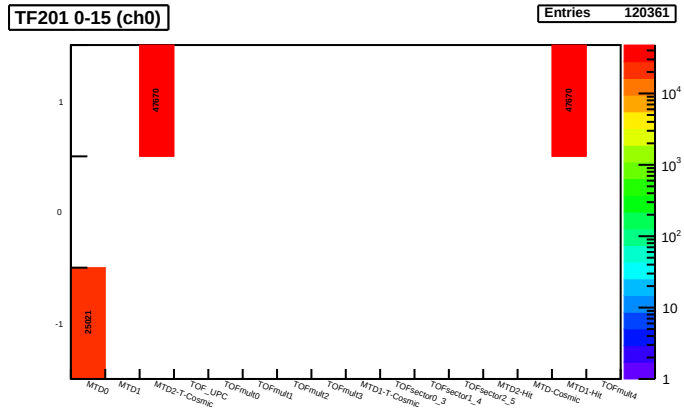

mFP201JP_FM103 large north
Entries 143010
JP-T
JP-M
JP-B

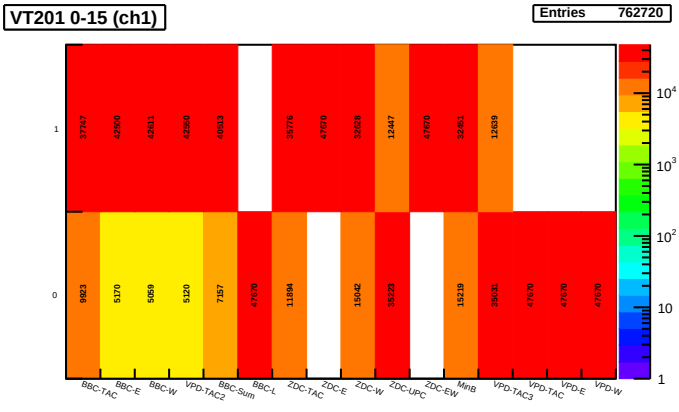

mFP201JPsim_FM103 large north
Entries 38943
JP-T
JP-M
JP-B

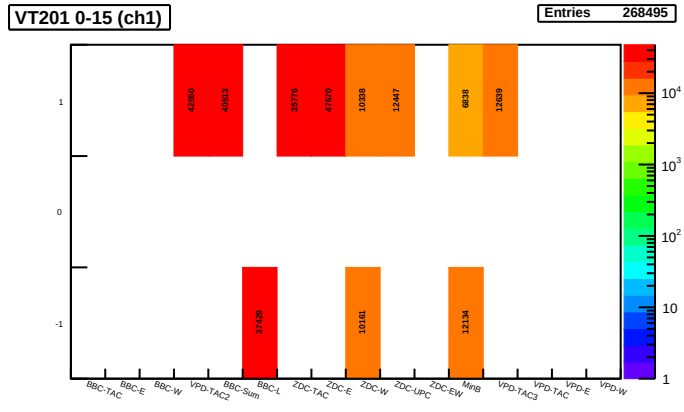

mFP201JP_FM104 large south
Entries 143010
JP-T
JP-M
JP-B

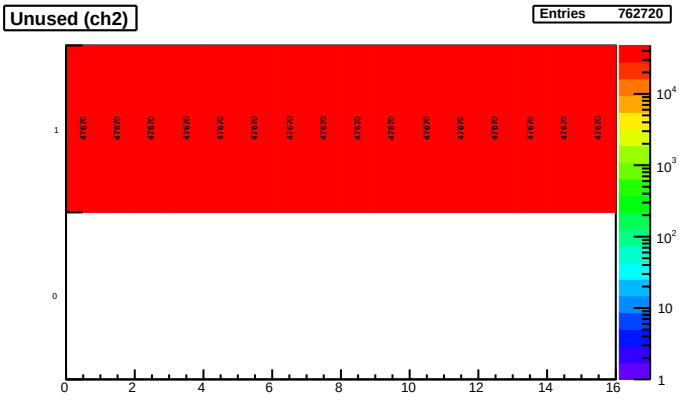

mFP201JPsim_FM104 large south
Entries 94942
JP-T
JP-M
JP-B

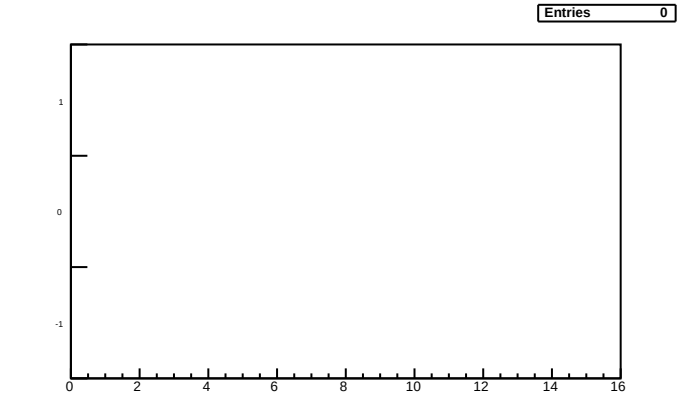

TF201 0-15 (ch0)
Entries 762720
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

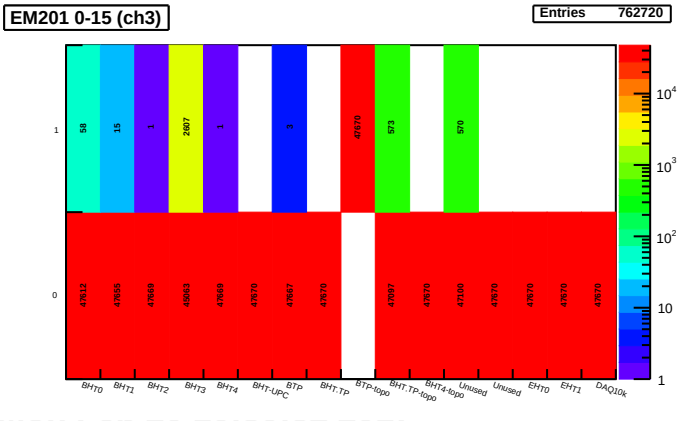

TF201 0-15 (ch0)
Entries 120361
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

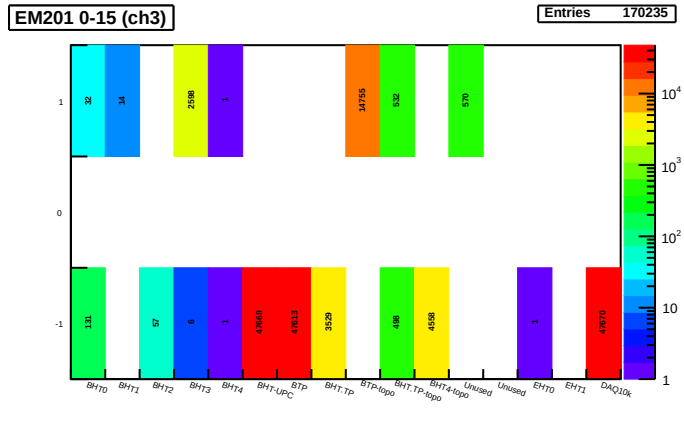

VT201 0-15 (ch1)
Entries 762720
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

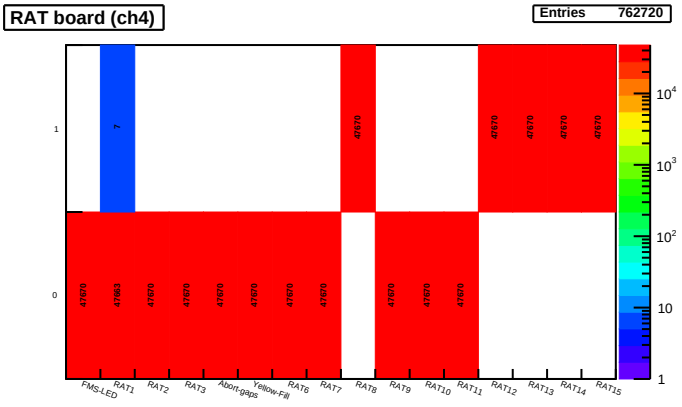

VT201 0-15 (ch1)
Entries 268495
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

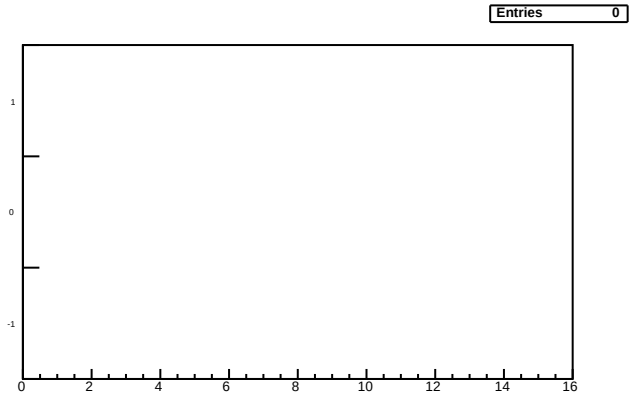

Unused (ch2)
Entries 762720


Entries 0


EM201 0-15 (ch3)
Entries 762720
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 170235
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k


RAT board (ch4)
Entries 762720
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15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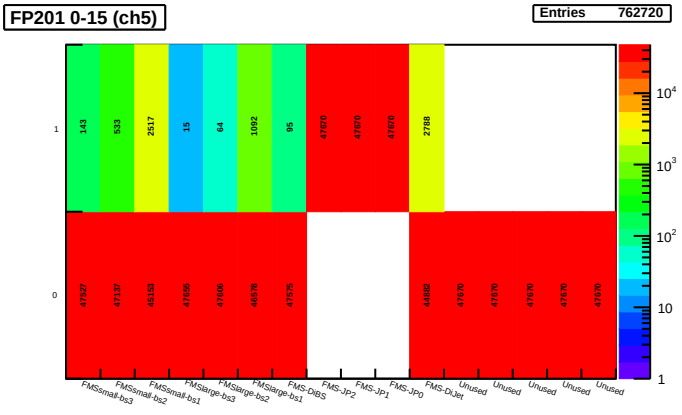
FP201 0-15 (ch5)
Entries 762720
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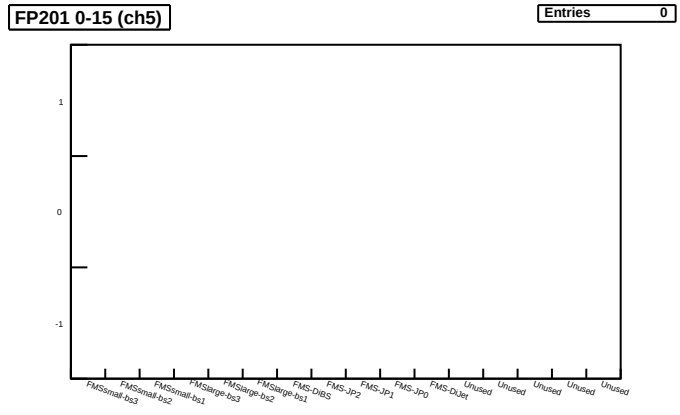
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
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FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
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FMS-Dijet
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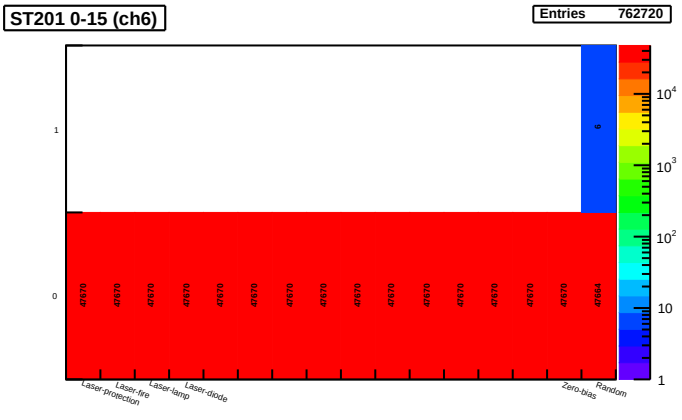
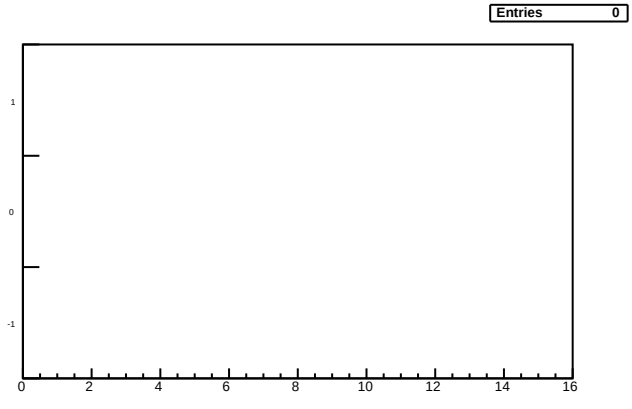
Unused


ST201 0-15 (ch6)
Entries 762720
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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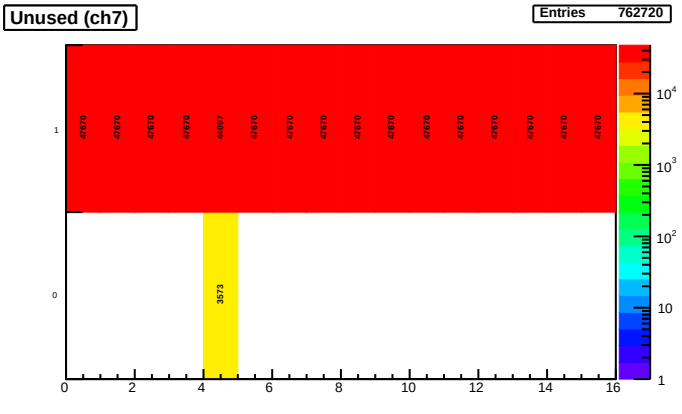
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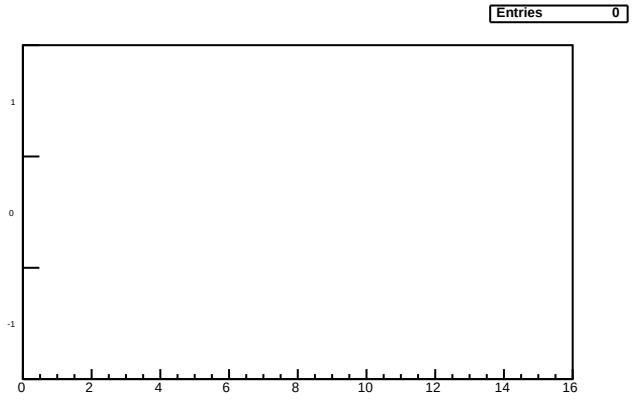
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