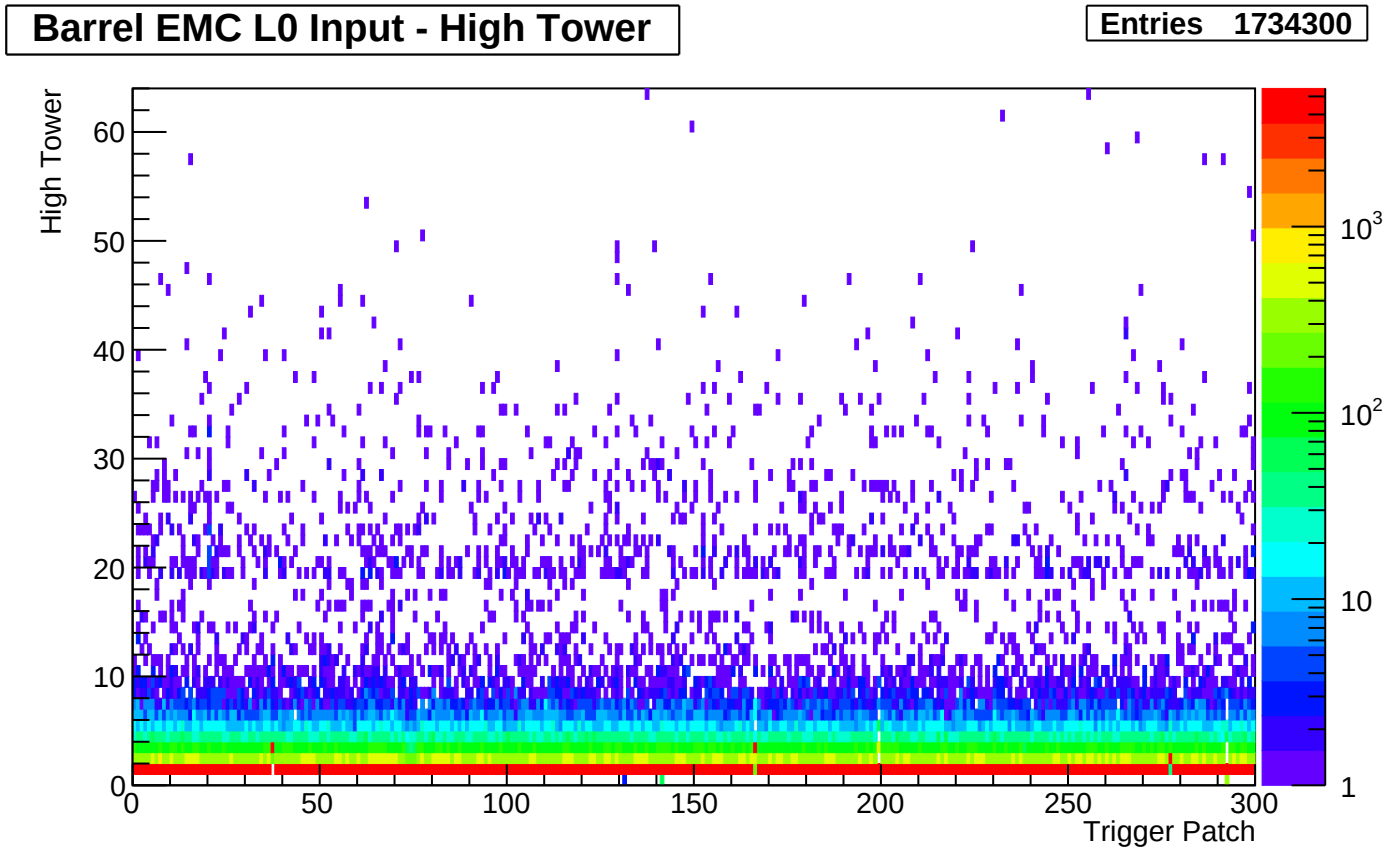
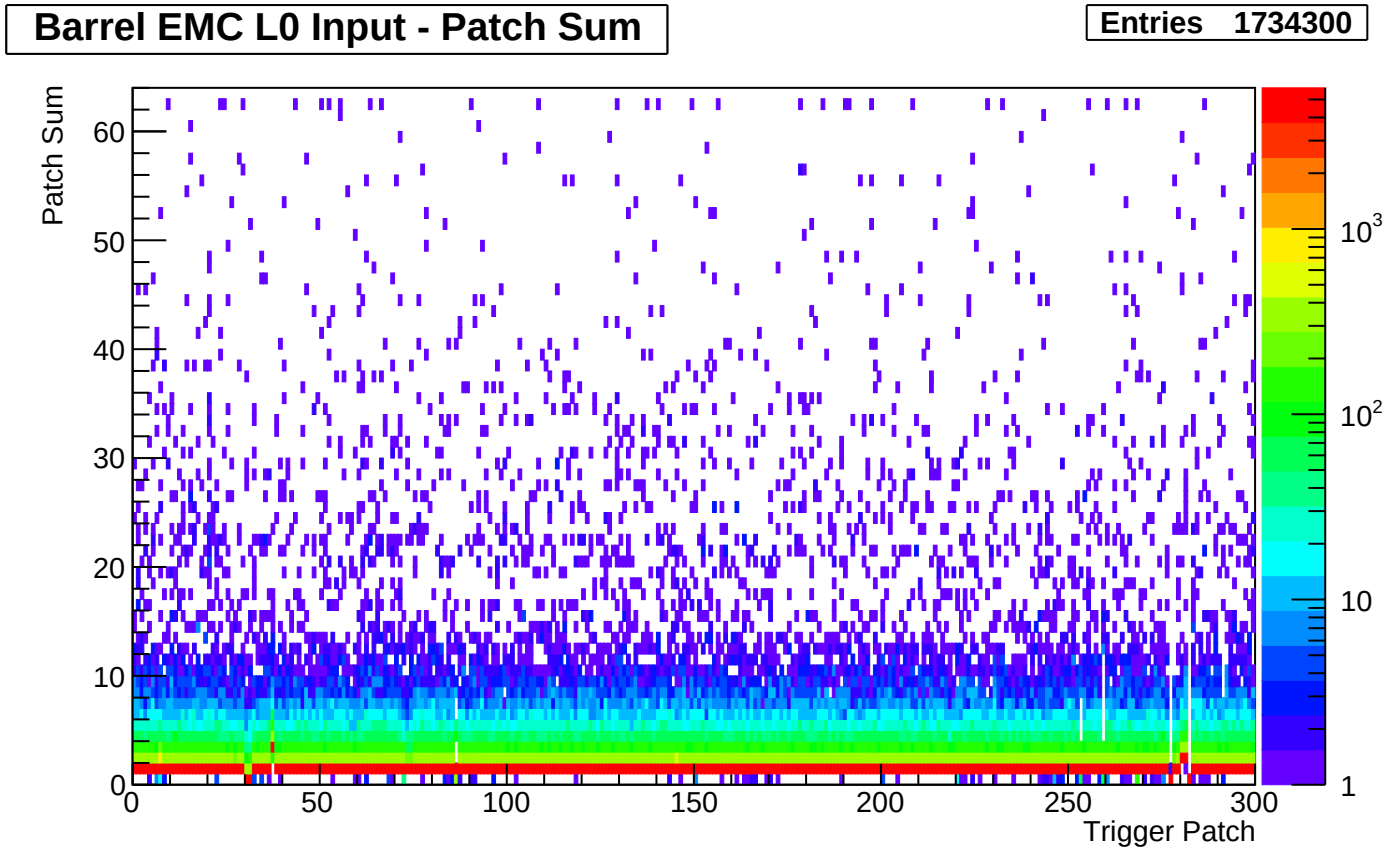
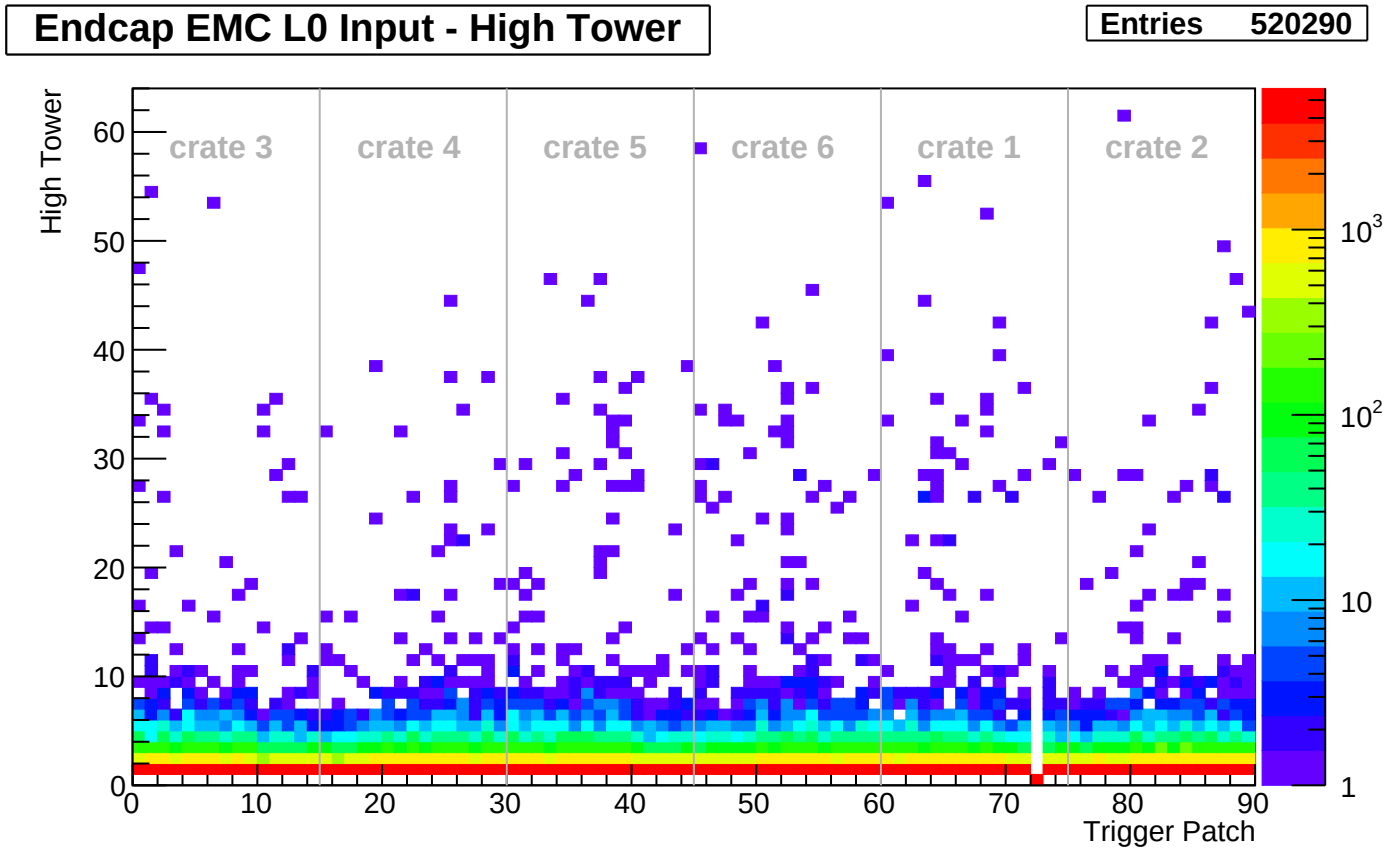
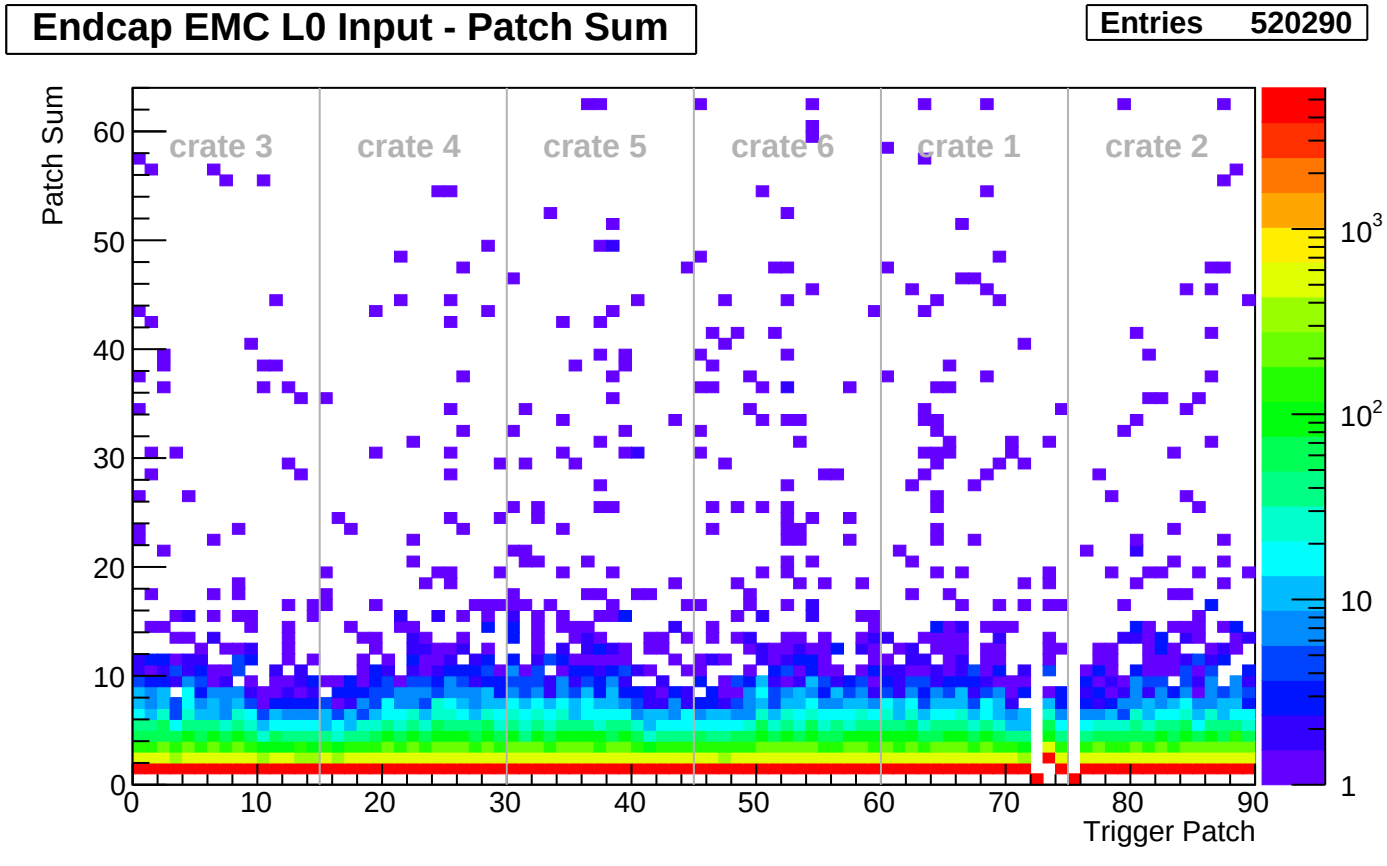
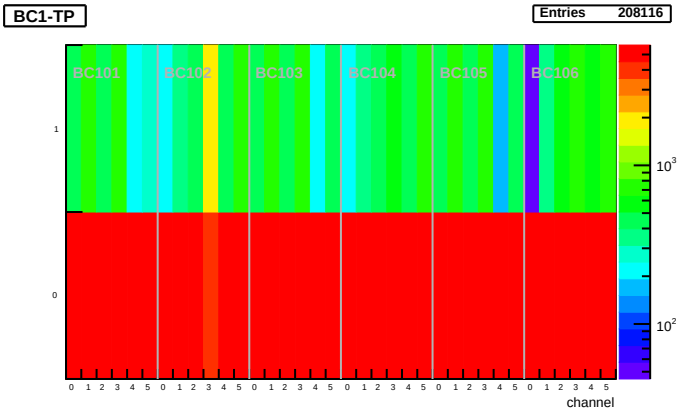
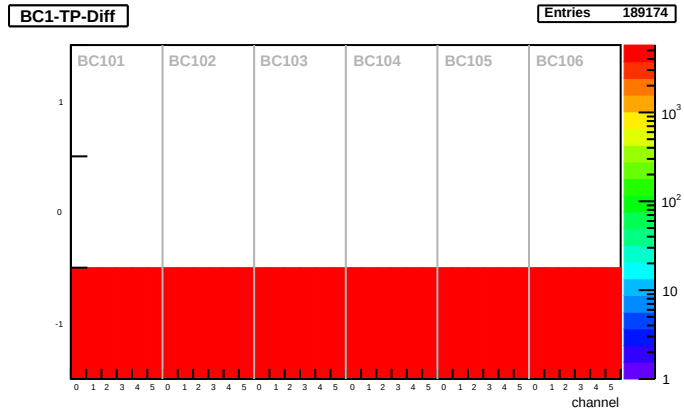

Barrel EMC L0 Input - High Tower
Entries 1734300
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

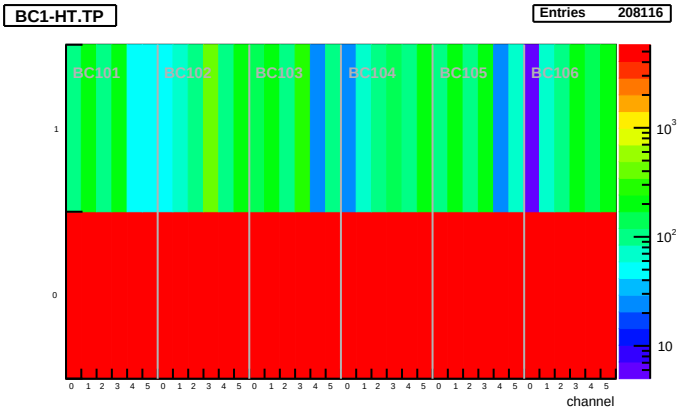

Barrel EMC L0 Input - Patch Sum
Entries 1734300
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

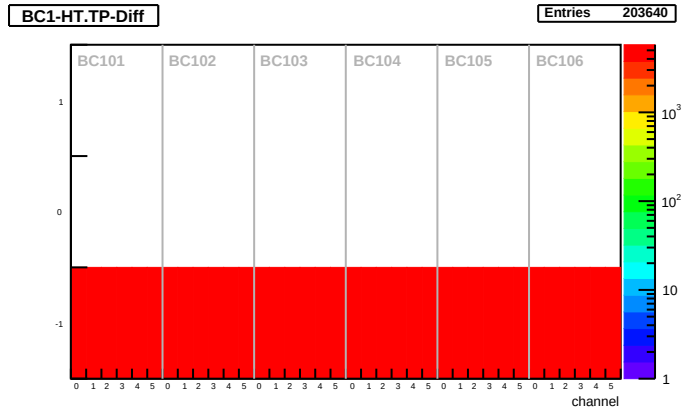

Endcap EMC L0 Input - High Tower
Entries 520290
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

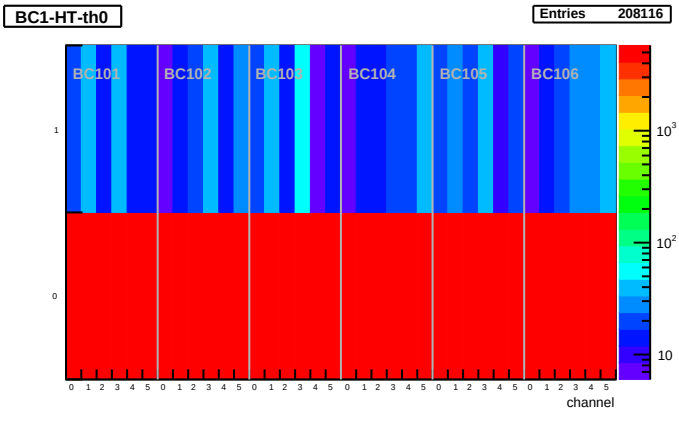

Endcap EMC L0 Input - Patch Sum
Entries 520290
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

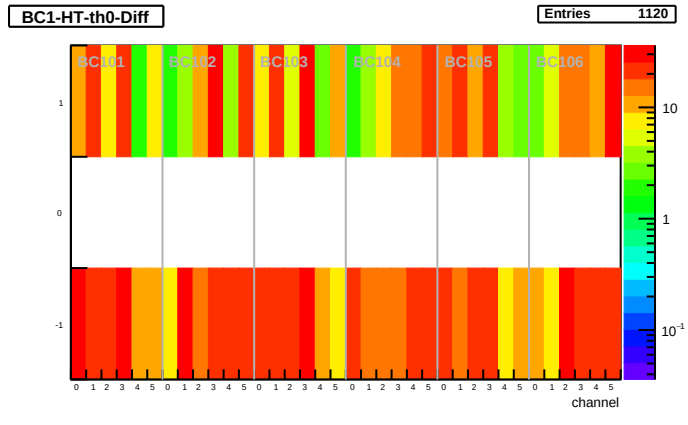

BC1-TP
Entries 208116
BC101
BC102
BC103
BC104
BC105
BC106
channel

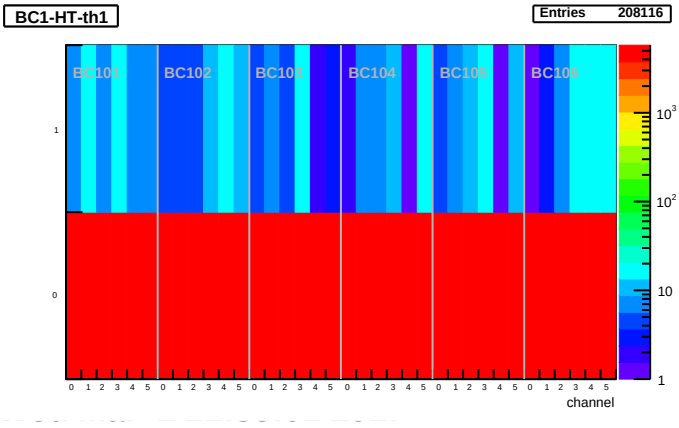

BC1-TP-Diff
Entries 189174
BC101
BC102
BC103
BC104
BC105
BC106
channel

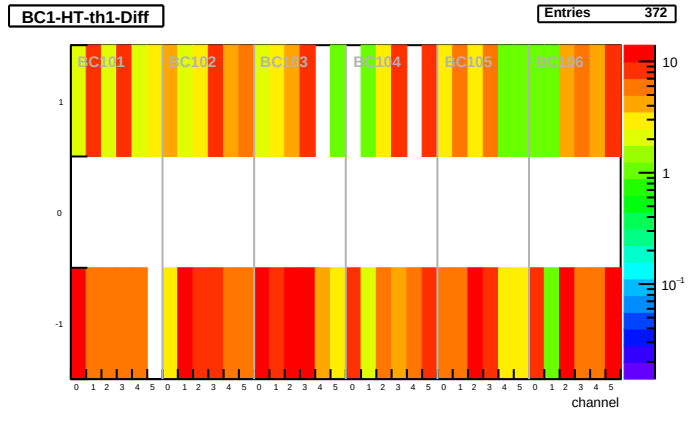

BC1-HT.TP
Entries 208116
BC101
BC102
BC103
BC104
BC105
BC106
channel

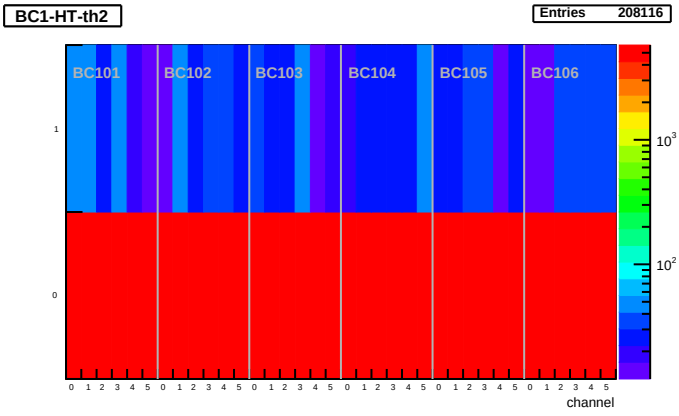

BC1-HT.TP-Diff
Entries 203640
BC101
BC102
BC103
BC104
BC105
BC106
channel

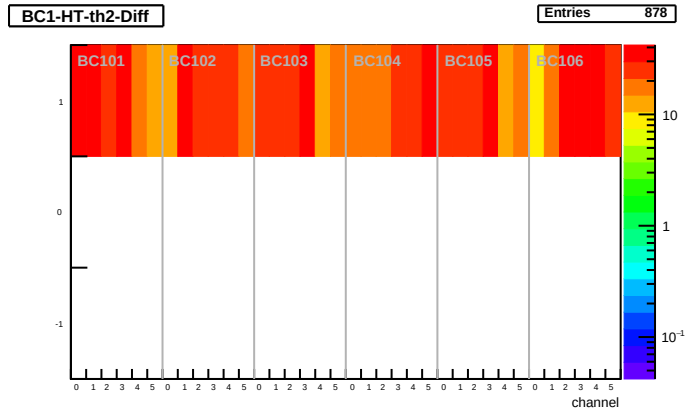

BC1-HT-th0
Entries 208116
BC101
BC102
BC103
BC104
BC105
BC106
channel

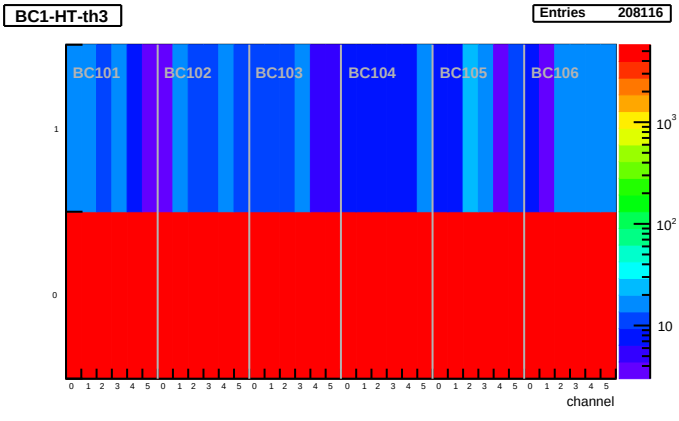

BC1-HT-th0-Diff
Entries 1120
BC101
BC102
BC103
BC104
BC105
BC106
channel

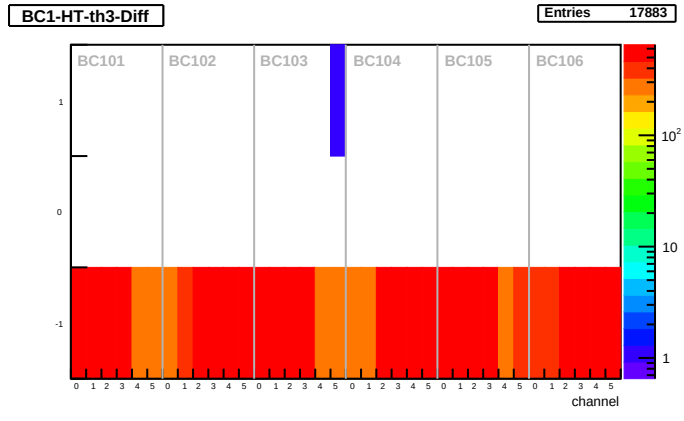

BC1-HT-th1
Entries 208116
BC101
BC102
BC103
BC104
BC105
BC106
channel

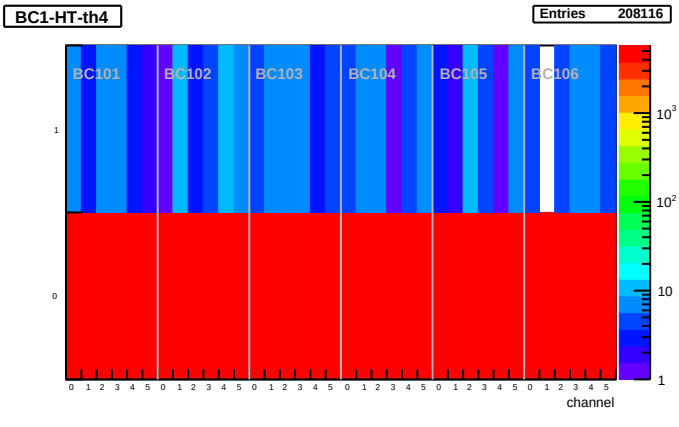

BC1-HT-th1-Diff
Entries 372
BC101
BC102
BC103
BC104
BC105
BC106
channel

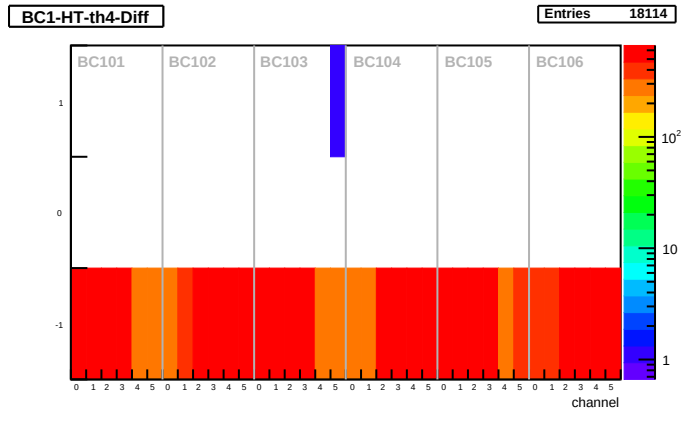

BC1-HT-th2
Entries 208116
BC101
BC102
BC103
BC104
BC105
BC106
channel

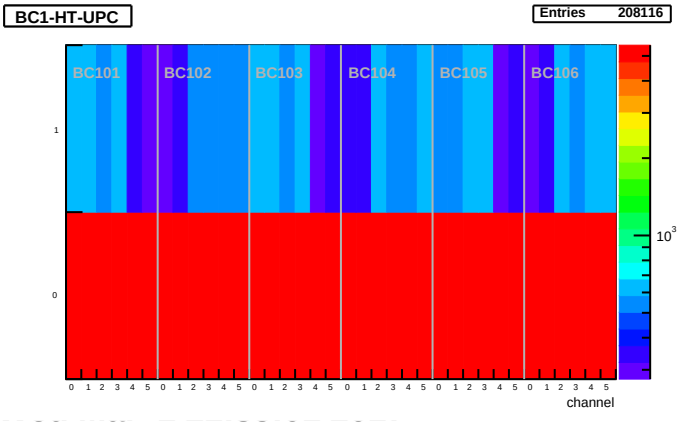

BC1-HT-th2-Diff
Entries 878
BC101
BC102
BC103
BC104
BC105
BC106
channel

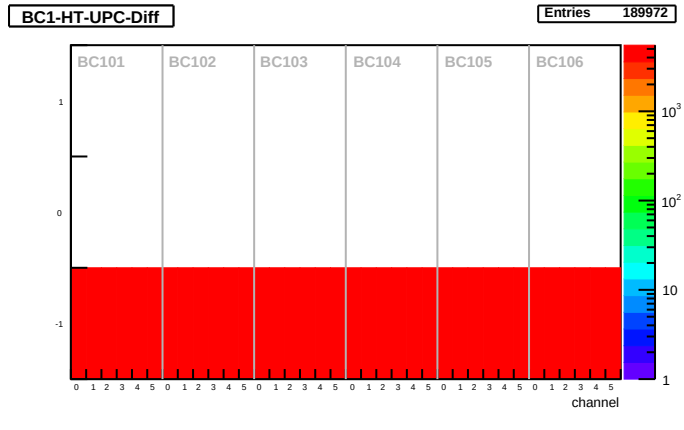

BC1-HT-th3
Entries 208116
BC101
BC102
BC103
BC104
BC105
BC106
channel

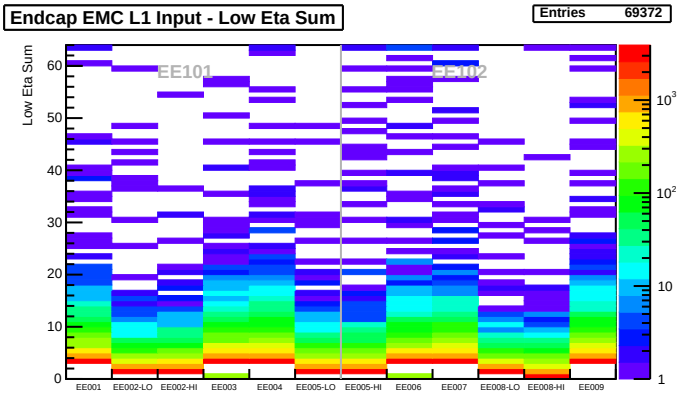

BC1-HT-th3-Diff
Entries 17883
BC101
BC102
BC103
BC104
BC105
BC106
channel

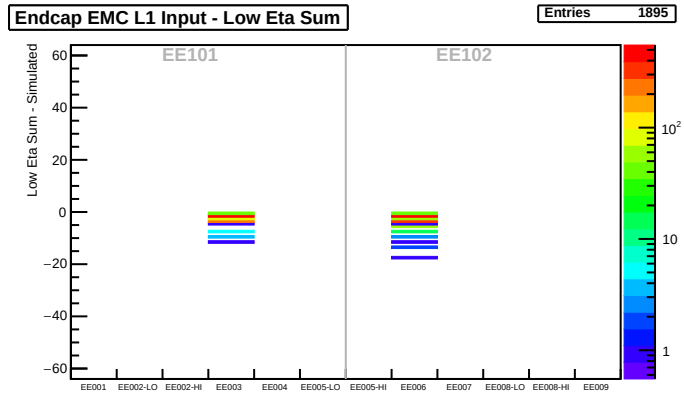

BC1-HT-th4
Entries 208116
BC101
BC102
BC103
BC104
BC105
BC106
channel

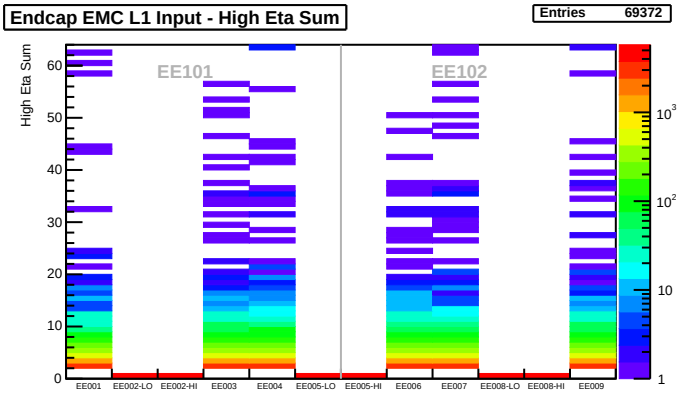

BC1-HT-th4-Diff
Entries 18114
BC101
BC102
BC103
BC104
BC105
BC106
channel

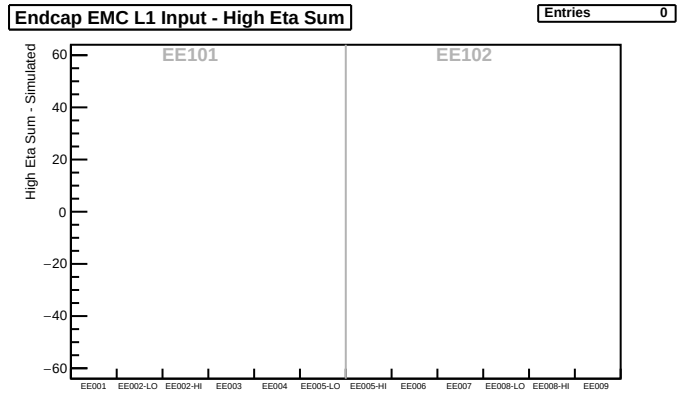

BC1-HT-UPC
Entries 208116
BC101
BC102
BC103
BC104
BC105
BC106
channel

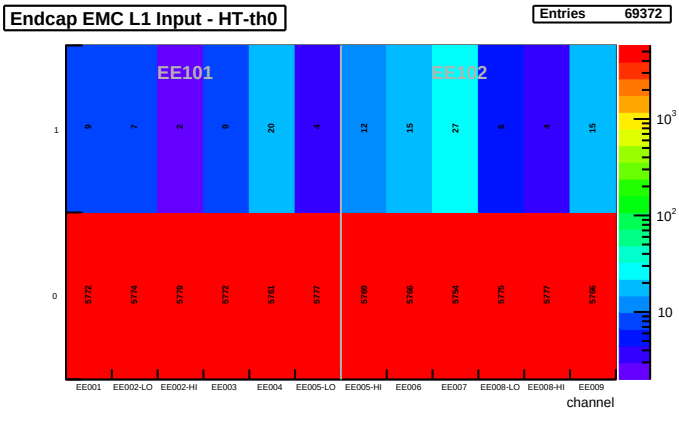

BC1-HT-UPC-Diff
Entries 189972
BC101
BC102
BC103
BC104
BC105
BC106
channel

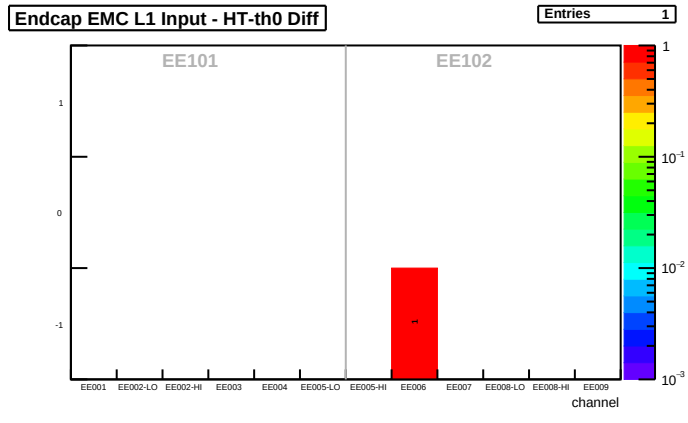

Endcap EMC L1 Input - Low Eta Sum
Entries 69372
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

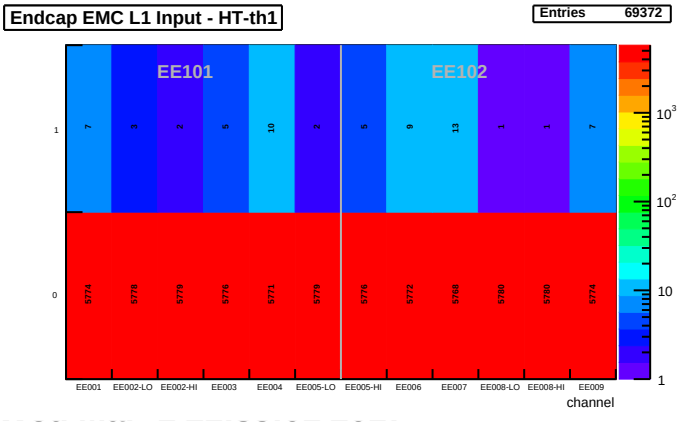

Endcap EMC L1 Input - Low Eta Sum
Entries 1895
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

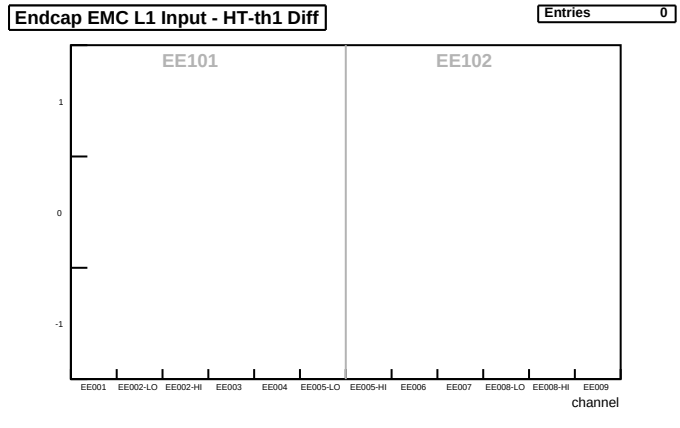

Endcap EMC L1 Input - High Eta Sum
Entries 69372
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

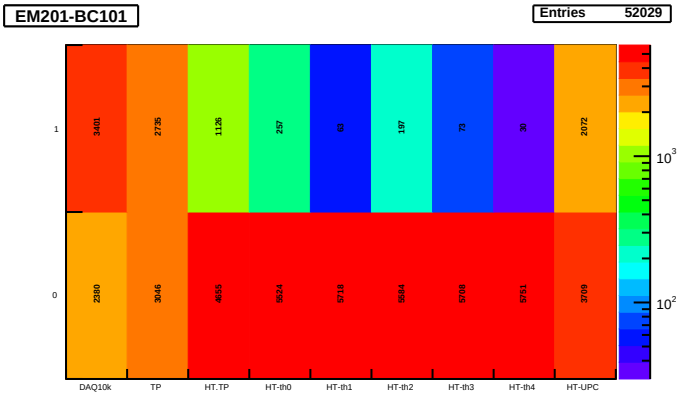

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

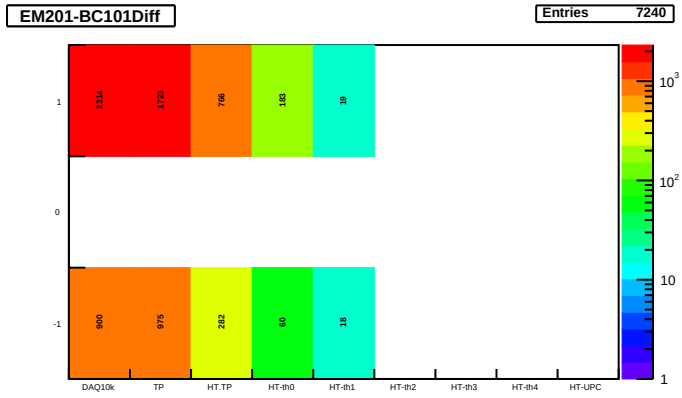

Endcap EMC L1 Input - HT-th0
Entries 69372
EE101
EE102
9 7 2 9 20 4 12 15 27 6 4 15
5772 5774 5779 5772 5761 5777 5769 5766 5754 5775 5777 5766
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

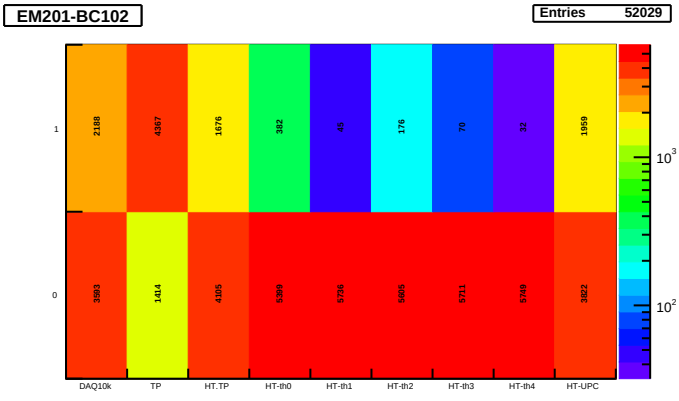

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
EE101
EE102
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

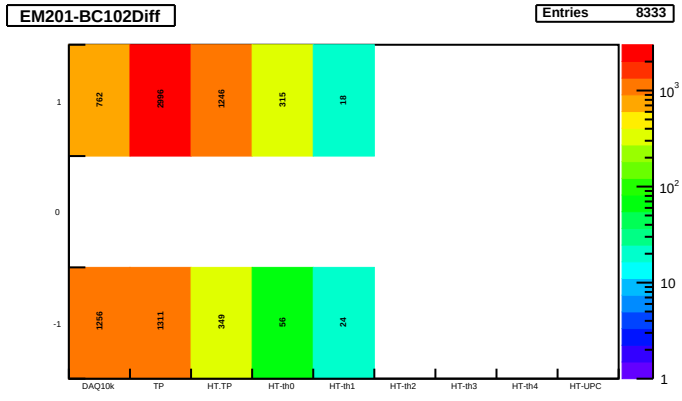

Endcap EMC L1 Input - HT-th1
Entries 69372
EE101
EE102
7 3 2 5 10 2 5 9 13 1 1 7
5774 5778 5779 5776 5771 5779 5776 5772 5768 5780 5780 5774
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

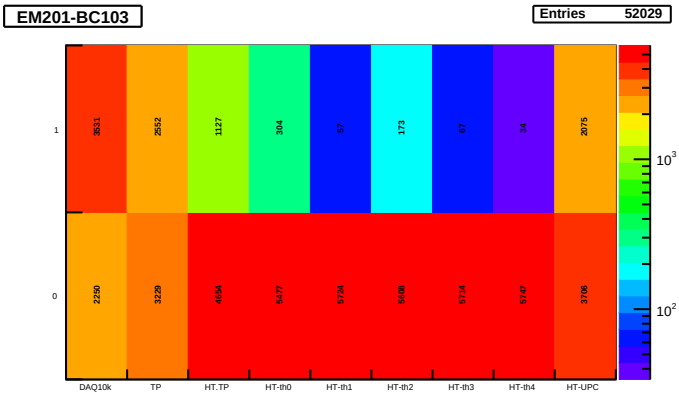

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

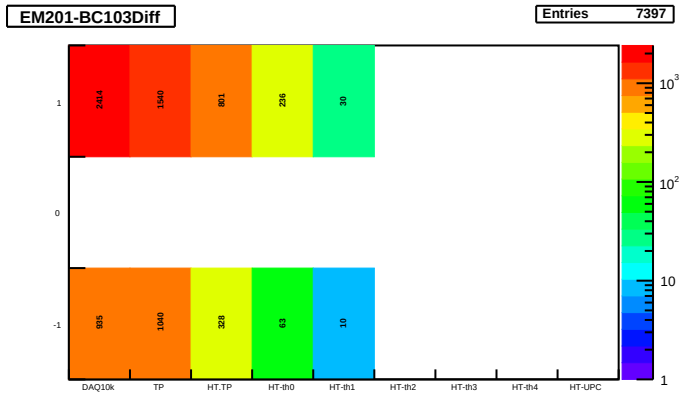

EM201-BC101
Entries 52029
1
0
3401 2735 1126 257 63 197 73 30 2072
2380 3046 4655 5524 5718 5584 5708 5751 3709
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2

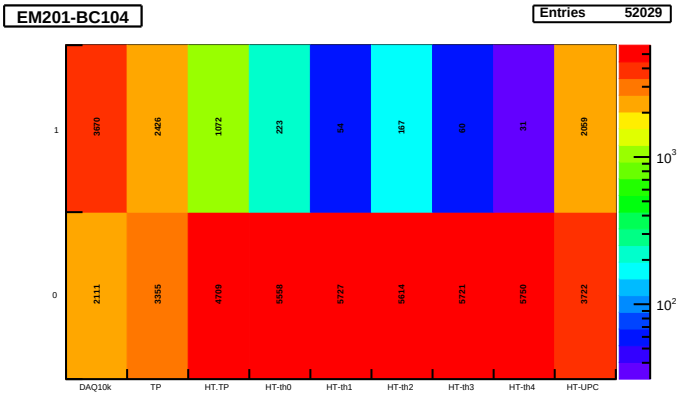

EM201-BC101Diff
Entries 7240
1
0
-1
2314 1723 766 183 19
900 975 282 60 18
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1

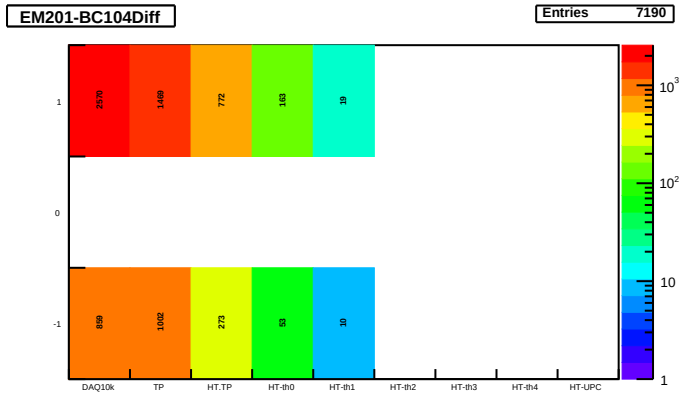

EM201-BC102
Entries 52029
1
0
2188 4367 1676 382 45 176 70 32 1959
3393 1414 4105 5399 5726 5695 5711 5749 3822
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2


EM201-BC102Diff
Entries 8333
1
0
-1
762 2996 1246 315 18
1256 1311 349 56 24
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1

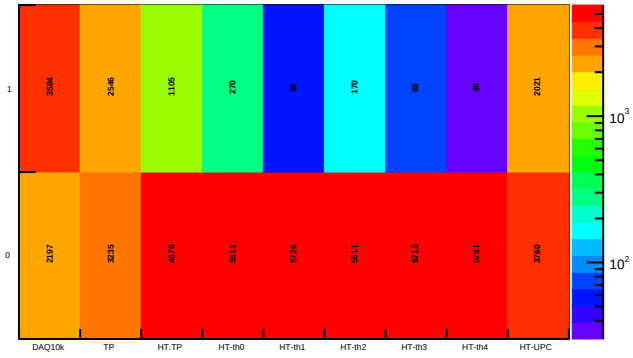

EM201-BC103
Entries 52029
1
0
3531 2552 1127 304 57 173 67 34 2075
2250 3229 4654 5477 5724 5608 5714 5747 3706
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2


EM201-BC103Diff
Entries 7397
1
0
-1
2414 1540 801 256 30
935 1040 328 63 10
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1

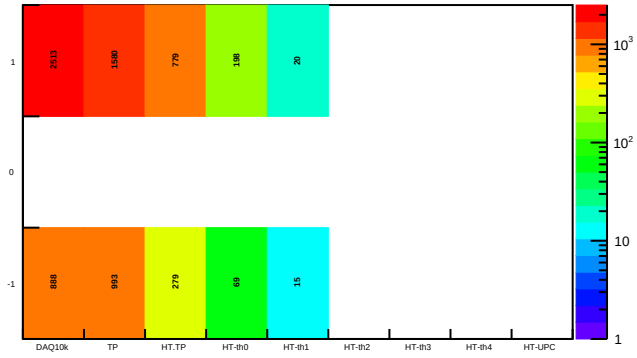

EM201-BC104
Entries 52029
1
0
3670 2426 1072 223 54 167 60 31 2059
2111 3355 4769 5538 5727 5614 5721 5750 3722
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2


EM201-BC104Diff
Entries 7190
1
0
-1
2570 1469 772 163 19
899 1002 273 53 10
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1

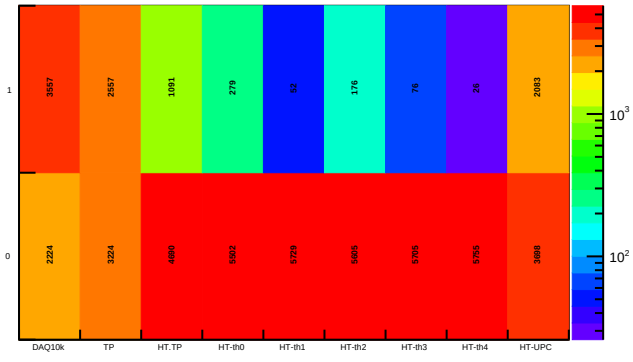
EM201-BC105 Entries 52029



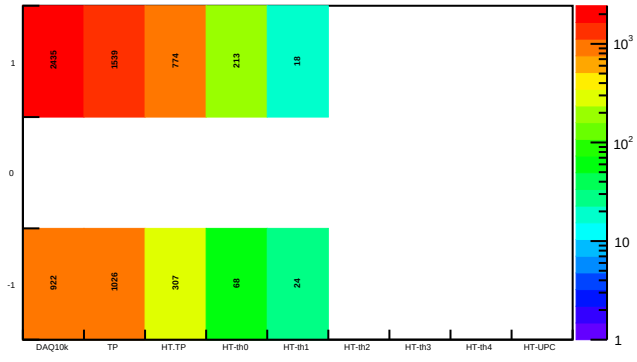
EM201-BC105Diff Entries 7334



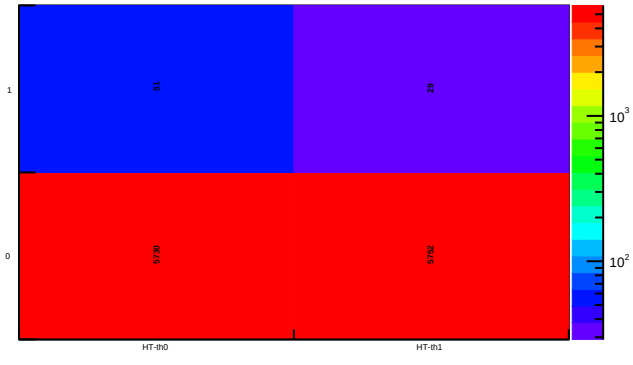
EM201-BC106 Entries 52029



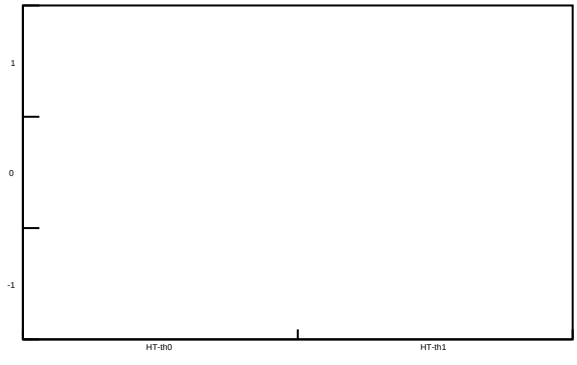
EM201-BC106Diff Entries 7326



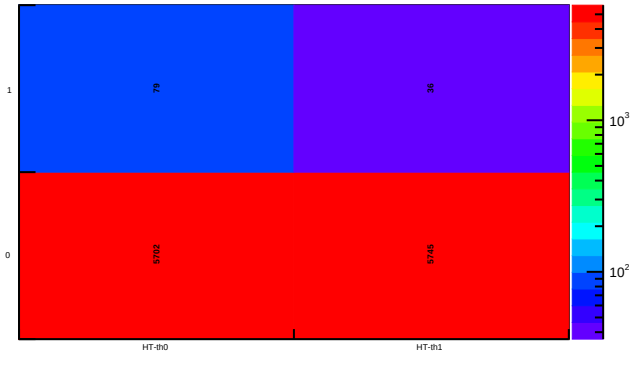
EM201-EE101 Entries 11562



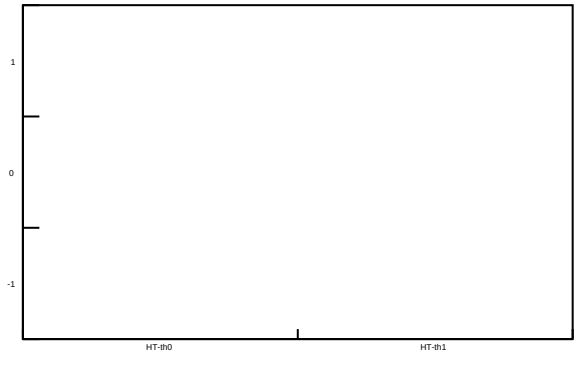
EM201-EE101Diff Entries 0

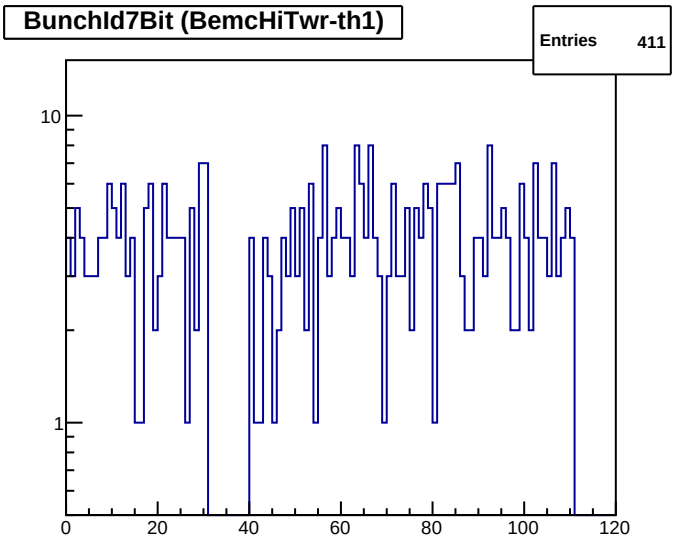


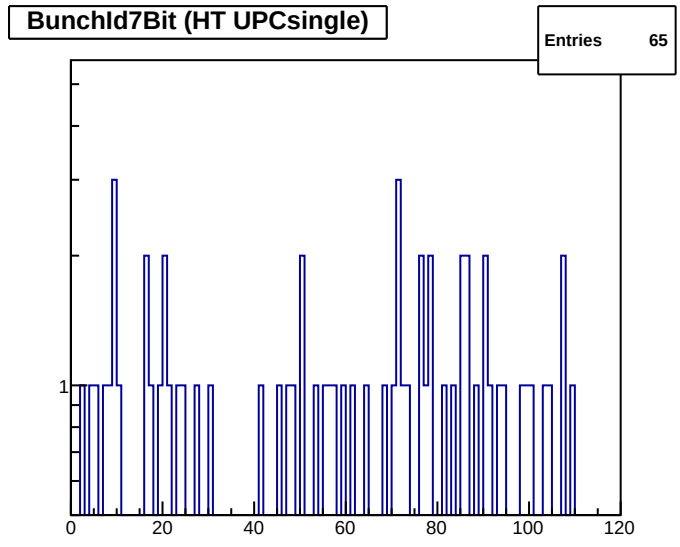
EM201-EE102 Entries 11562

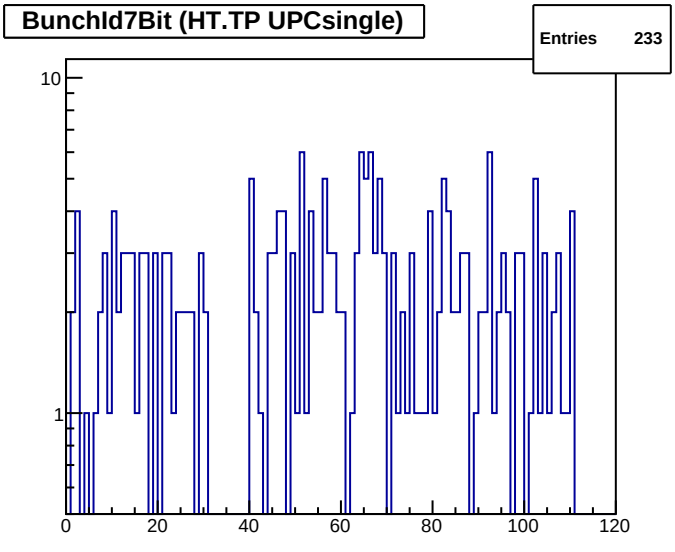


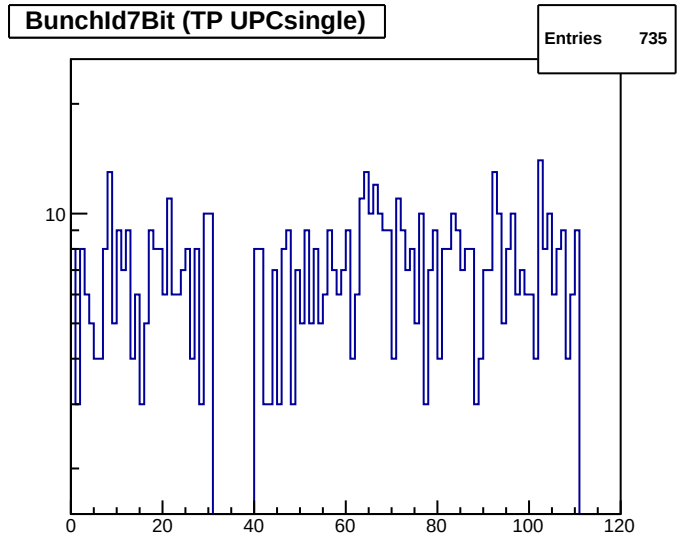
EM201-EE102Diff Entries 0

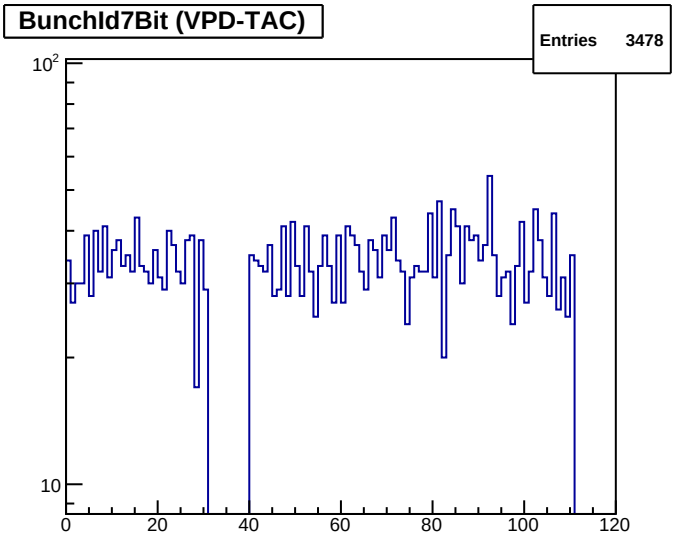


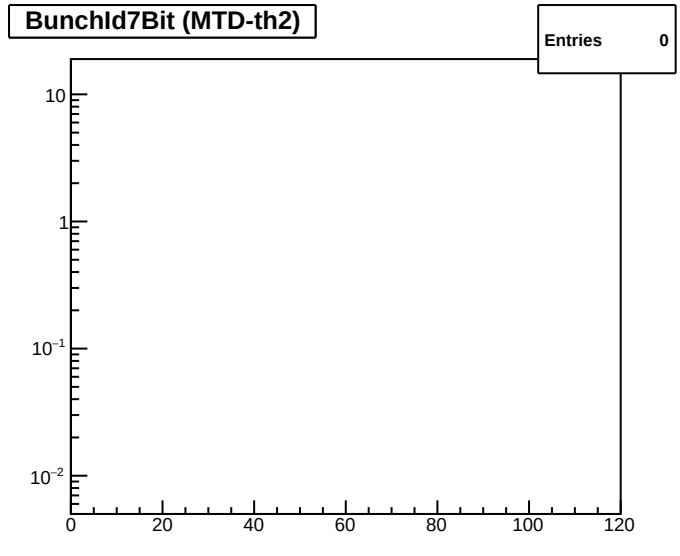

BunchId7Bit (BemcHiTwr-th1)
Entries 411
10
1
0 20 40 60 80 100 120

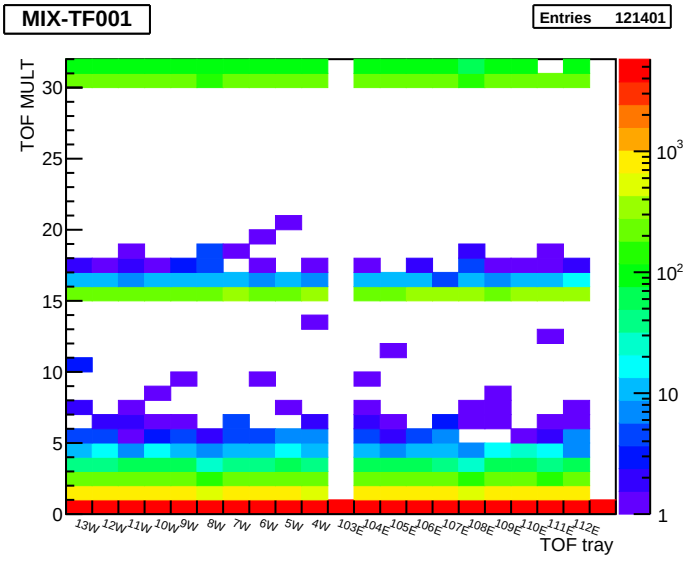

BunchId7Bit (HT UPCsingle)
Entries 65
1
0 20 40 60 80 100 120

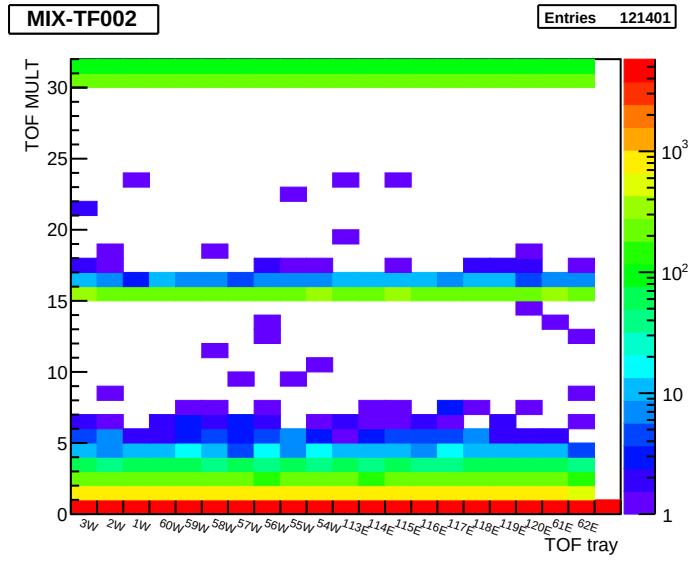

BunchId7Bit (HT.TP UPCsingle)
Entries 233
10
1
0 20 40 60 80 100 120

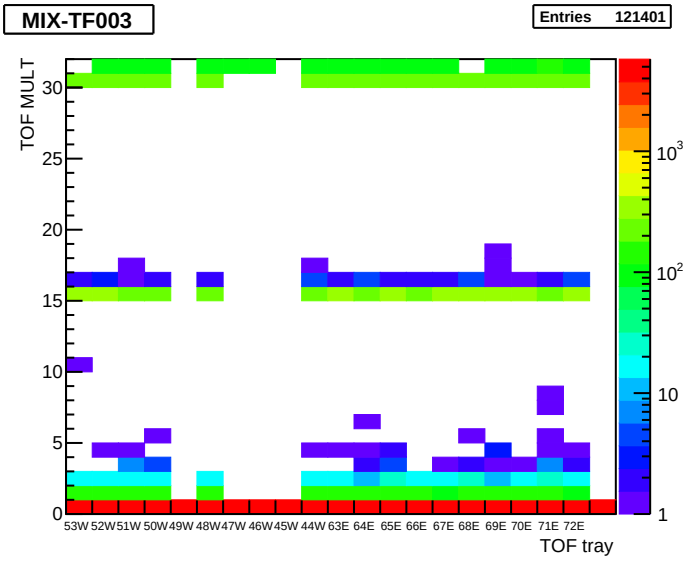

BunchId7Bit (TP UPCsingle)
Entries 735
10
0 20 40 60 80 100 120

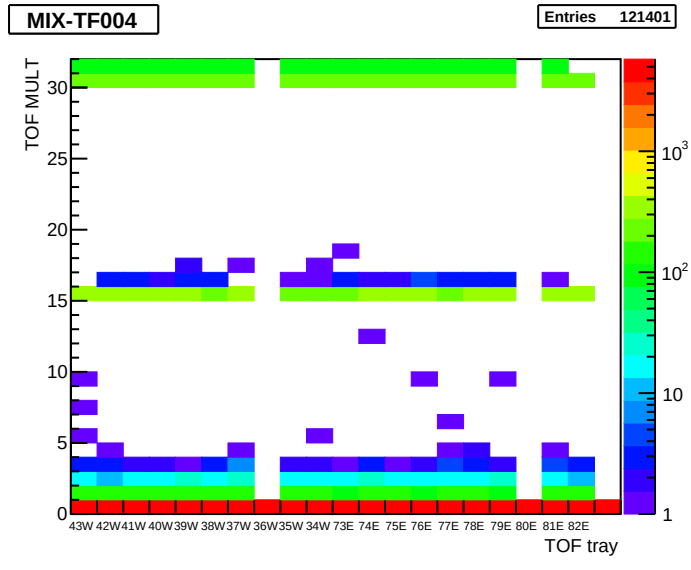

BunchId7Bit (VPD-TAC)
Entries 3478
10^2
10
0 20 40 60 80 100 120

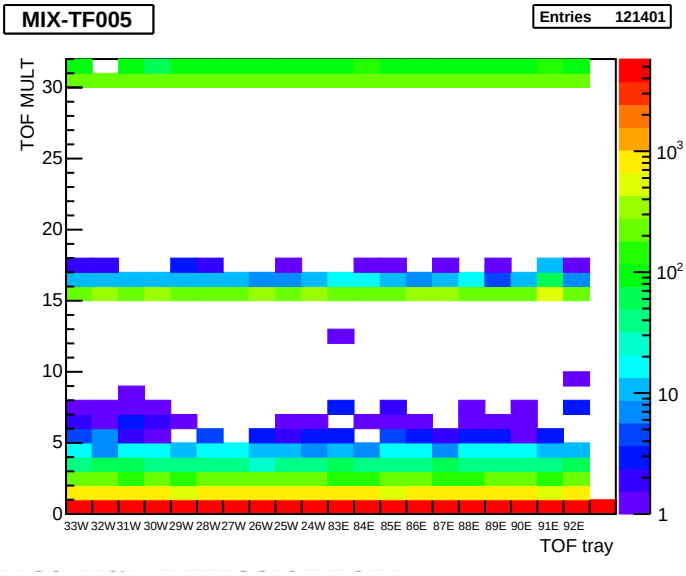

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

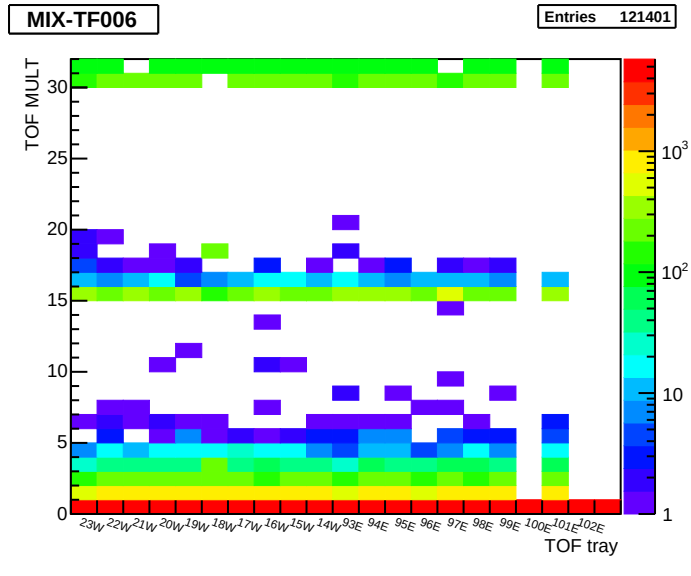

MIX-TF001
Entries 121401
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

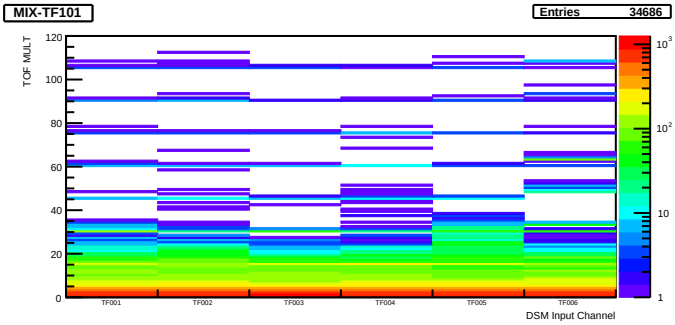

MIX-TF002
Entries 121401
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

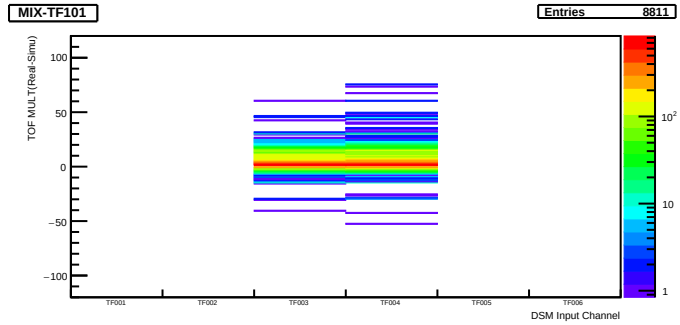

MIX-TF003
Entries 121401
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

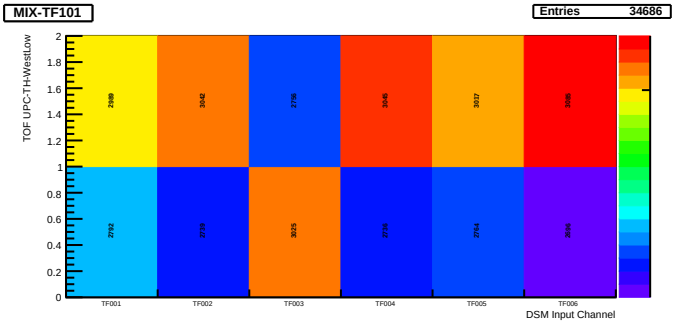

MIX-TF004
Entries 121401
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

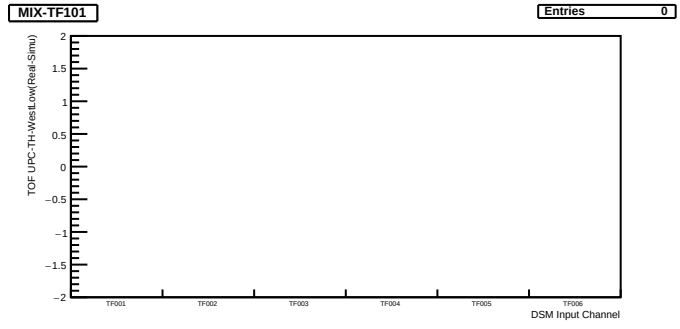

MIX-TF005
Entries 121401
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

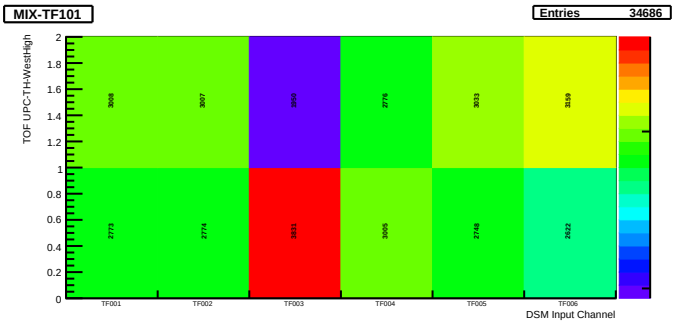

MIX-TF006
Entries 121401
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

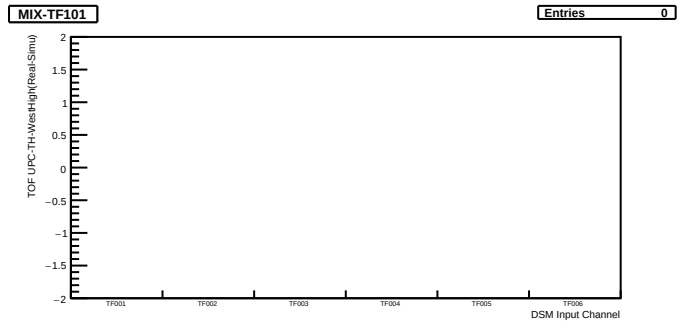

MIX-TF101
Entries 34686
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

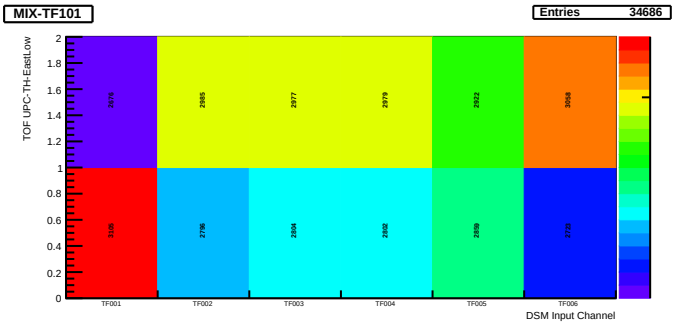

MIX-TF101
Entries 8811
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

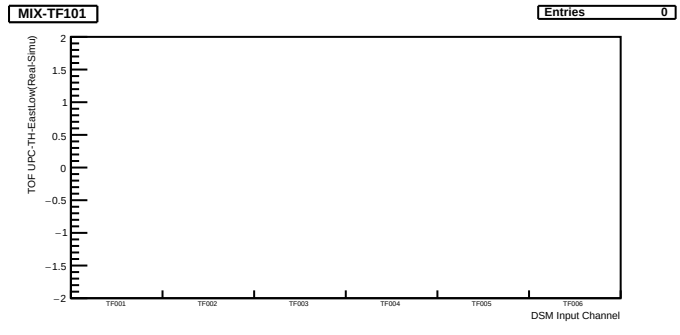

MIX-TF101
Entries 34686
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

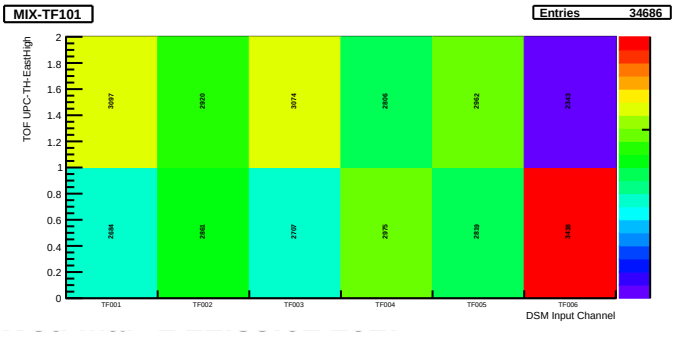

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

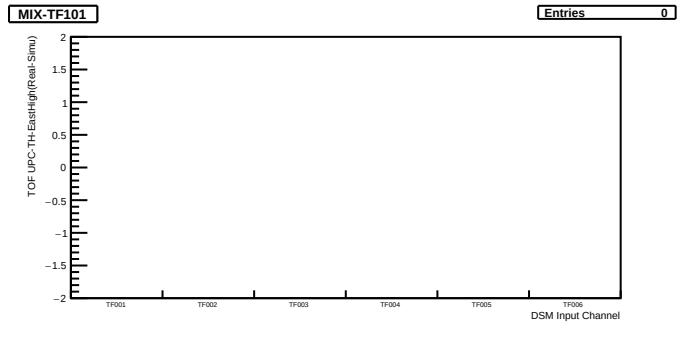

MIX-TF101
Entries 34686
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

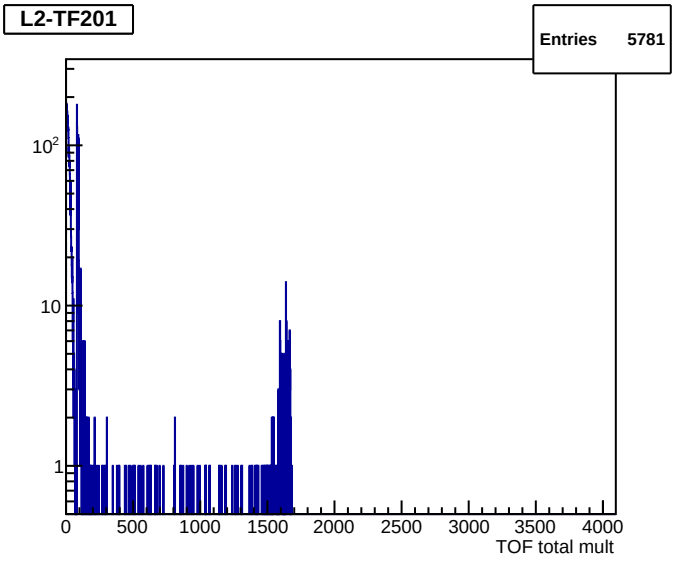

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

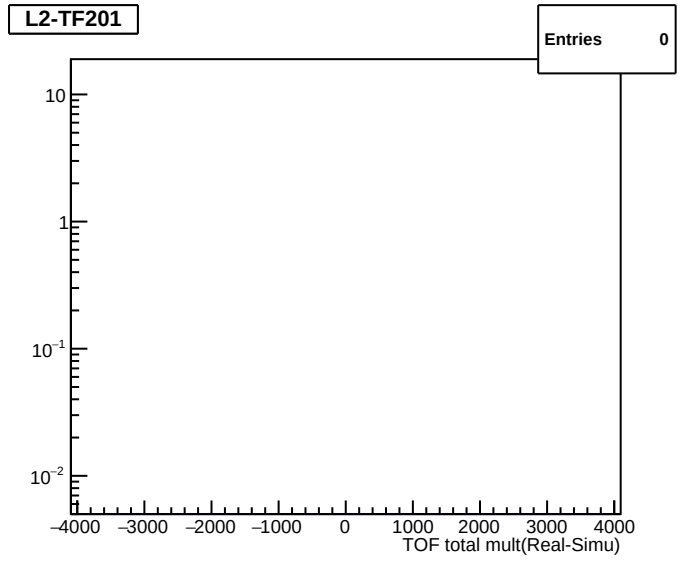

MIX-TF101
Entries 34686
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

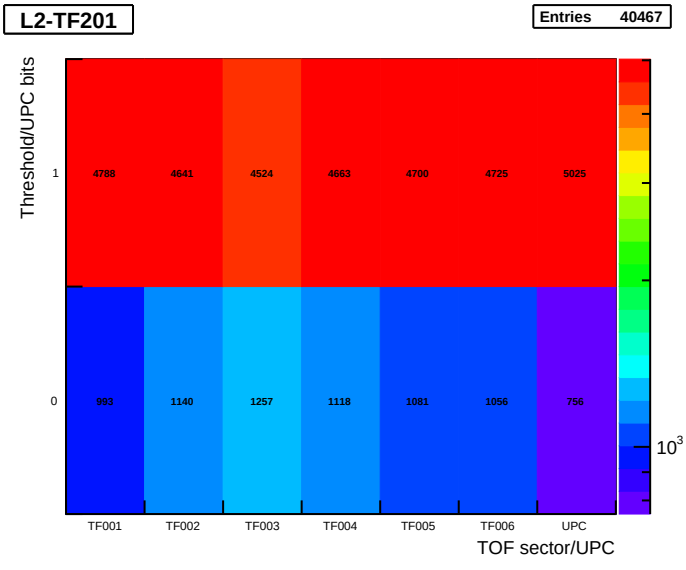

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

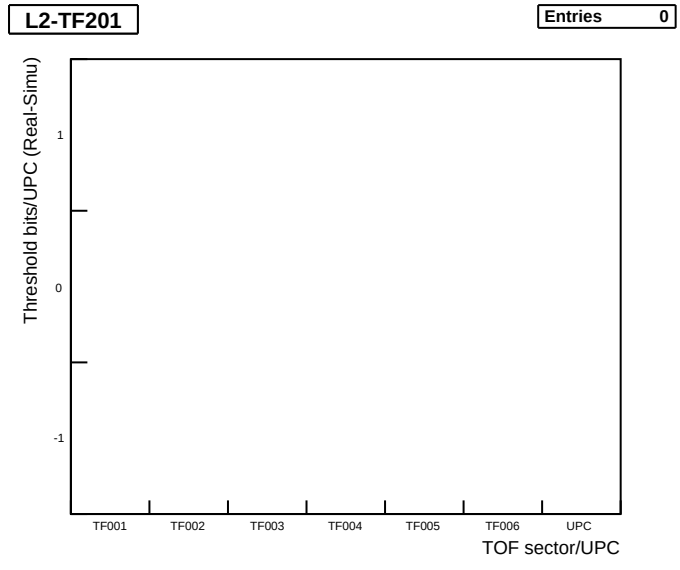

MIX-TF101
Entries 34686
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

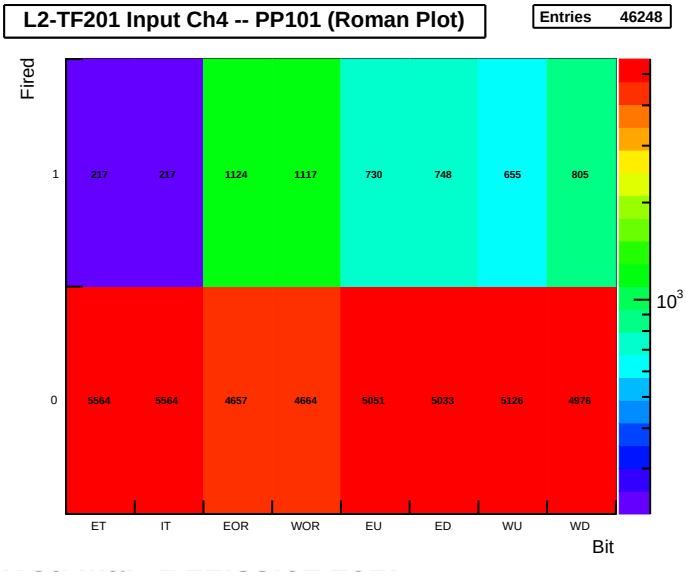

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

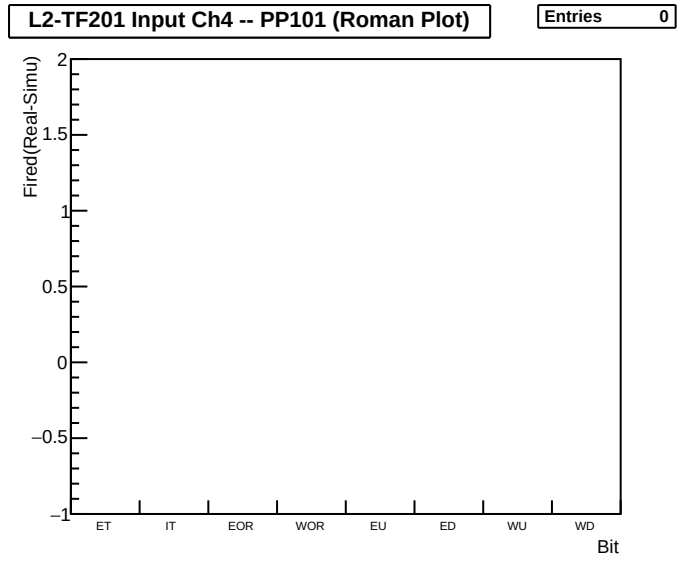

L2-TF201
Entries 5781
TOF total mult

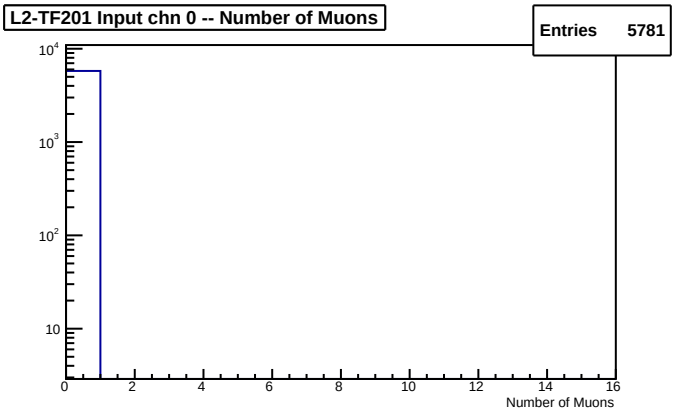

L2-TF201
Entries 0
TOF total mult(Real-Simu)

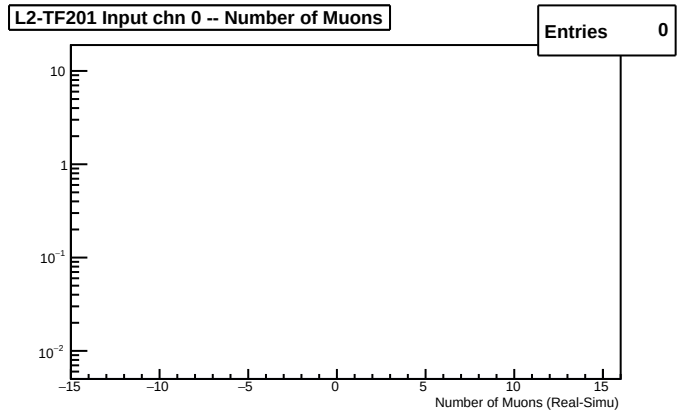

L2-TF201
Entries 40467
Threshold/UPC bits
4788 4641 4524 4663 4700 4725 5025
993 1140 1257 1118 1081 1056 756
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

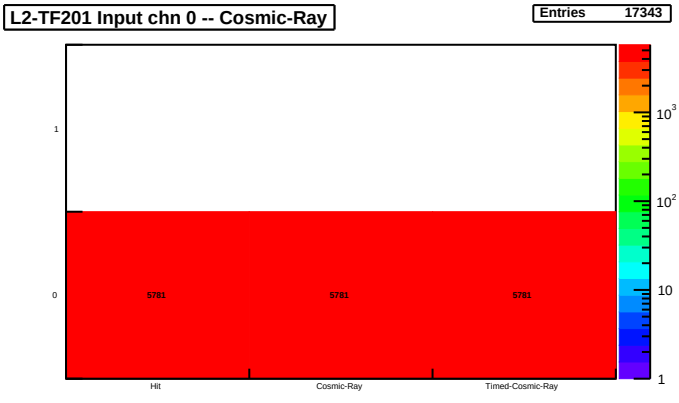

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

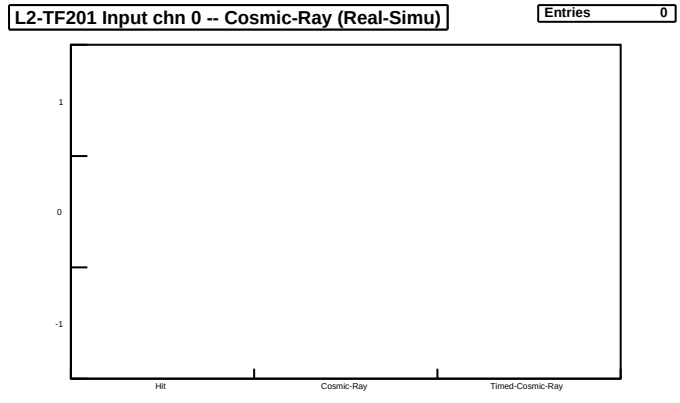

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 46248
Fired
217 217 1124 1117 730 748 655 805
5564 5564 4657 4664 5051 5033 5126 4976
ET IT EOR WOR EU ED WU WD
Bit

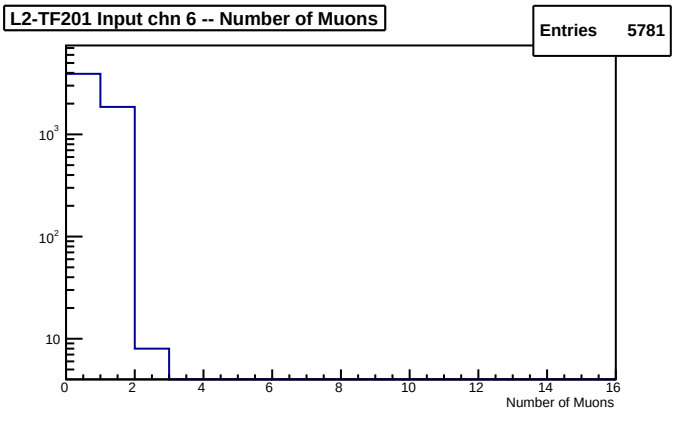

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

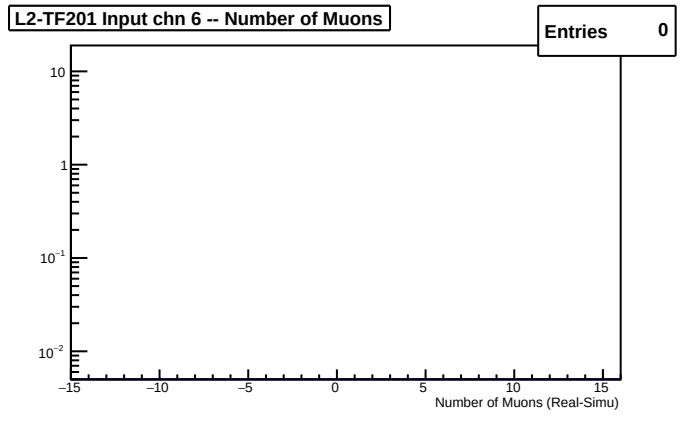

L2-TF201 Input chn 0 -- Number of Muons
Entries 5781
Number of Muons

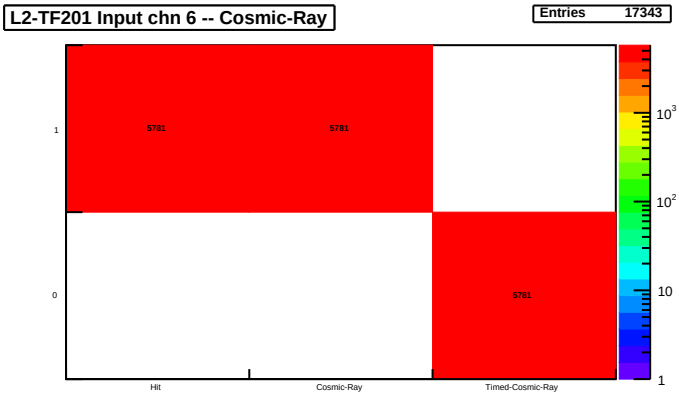

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

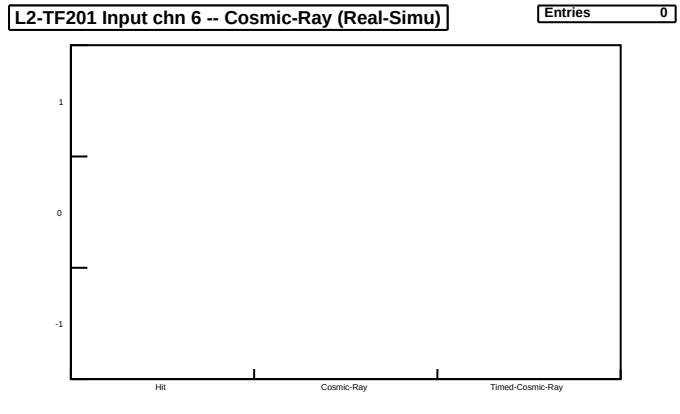

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 17343
5781
5781
5781
Hit
Cosmic-Ray
Timed-Cosmic-Ray

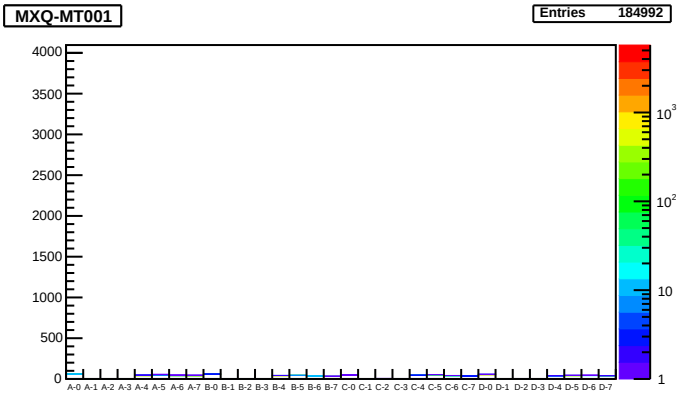

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

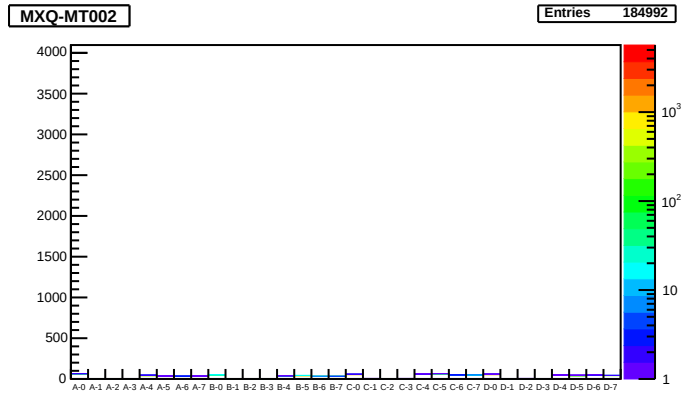

L2-TF201 Input chn 6 -- Number of Muons
Entries 5781
Number of Muons

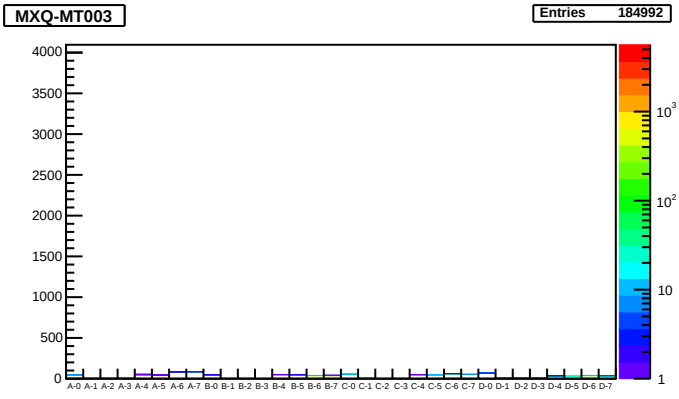

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

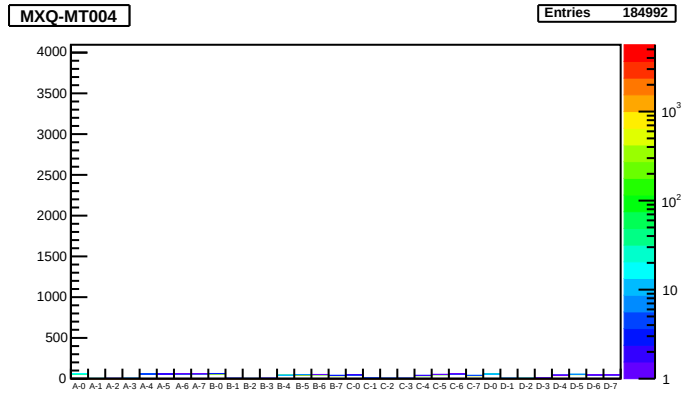

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 17343
5781
5781
5781
Hit
Cosmic-Ray
Timed-Cosmic-Ray

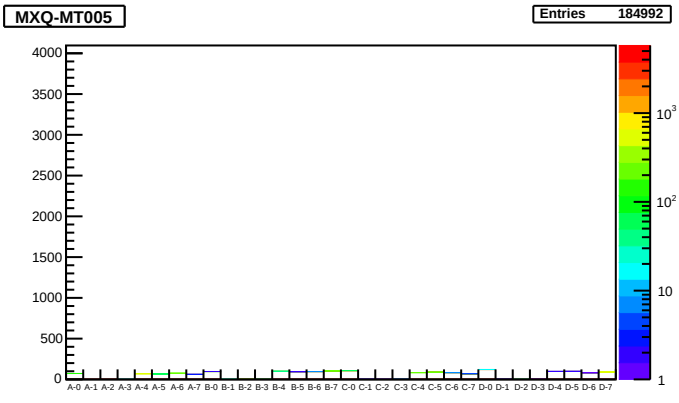

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

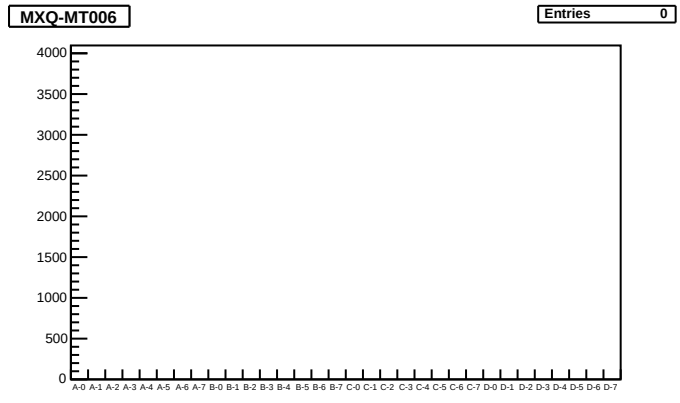

MXQ-MT001
Entries 184992

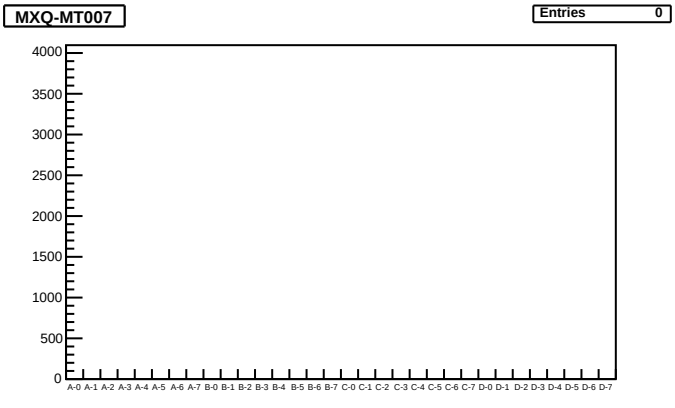

MXQ-MT002
Entries 184992

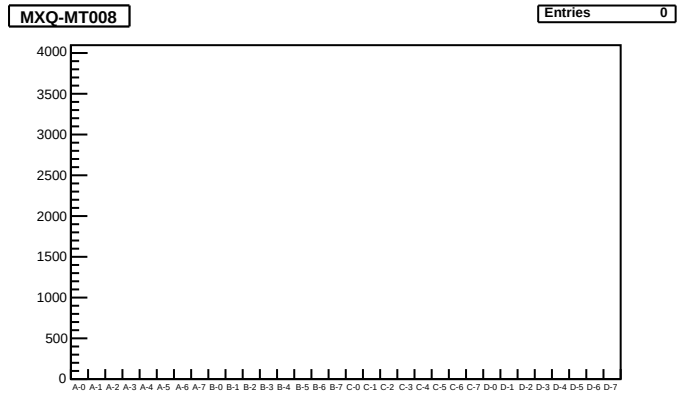

MXQ-MT003
Entries 184992

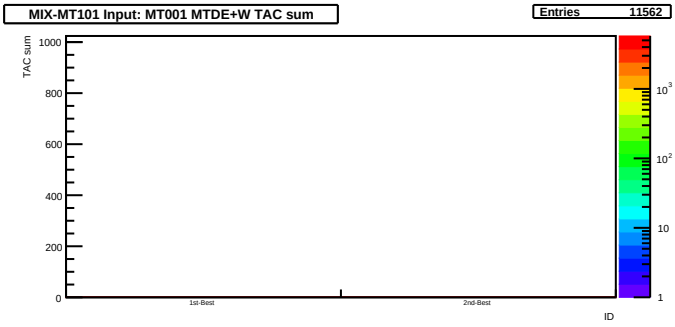

MXQ-MT004
Entries 184992

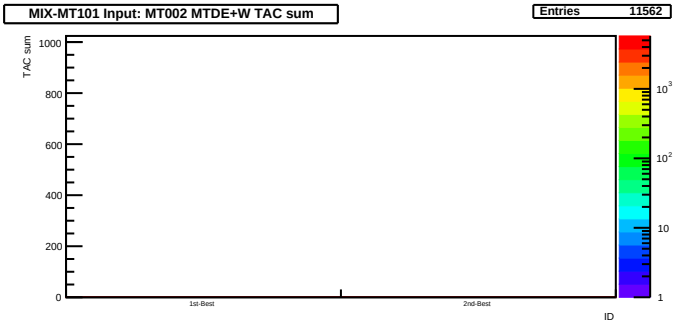

MXQ-MT005
Entries 184992

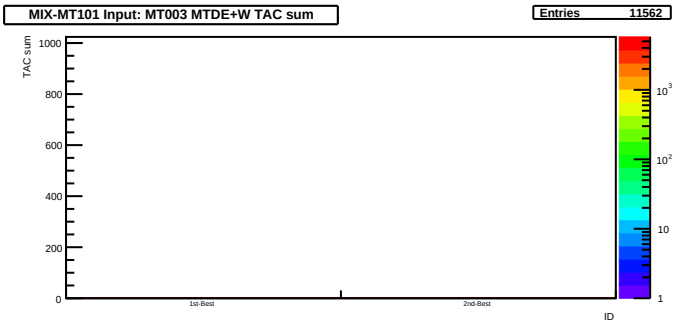

MXQ-MT006
Entries 0

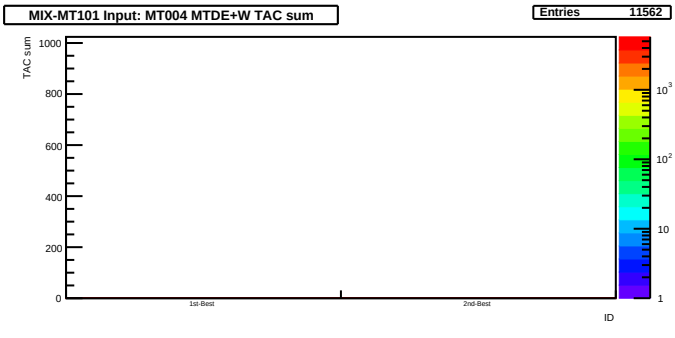

MXQ-MT007
Entries 0

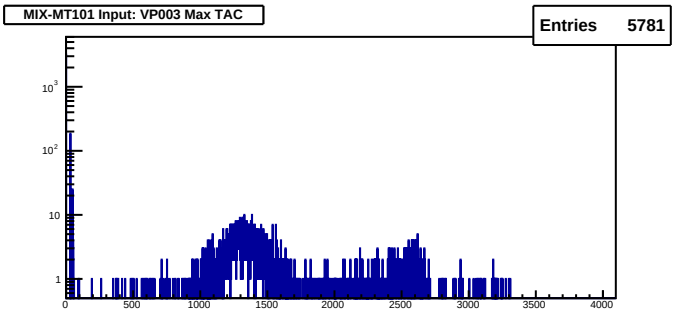

MXQ-MT008
Entries 0

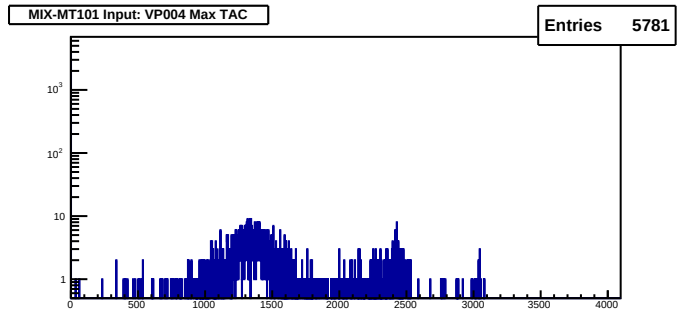

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 11562
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^3
10^2
10
1

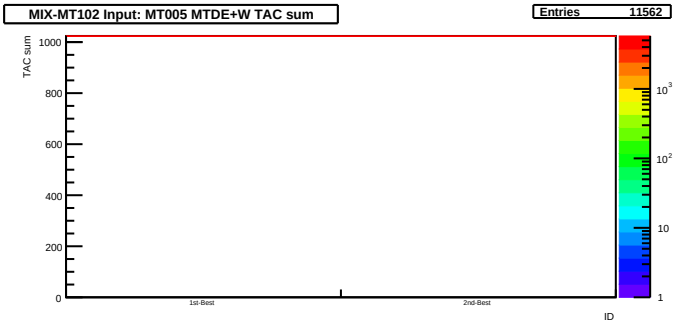

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 11562
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^3
10^2
10
1

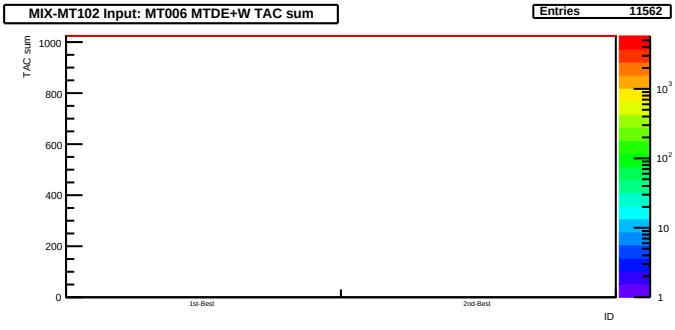

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 11562
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^3
10^2
10
1

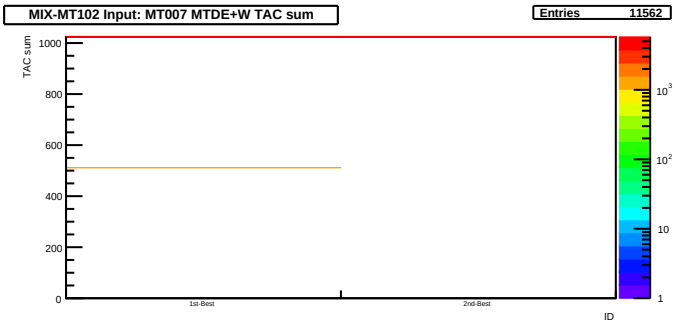

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 11562
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^3
10^2
10
1

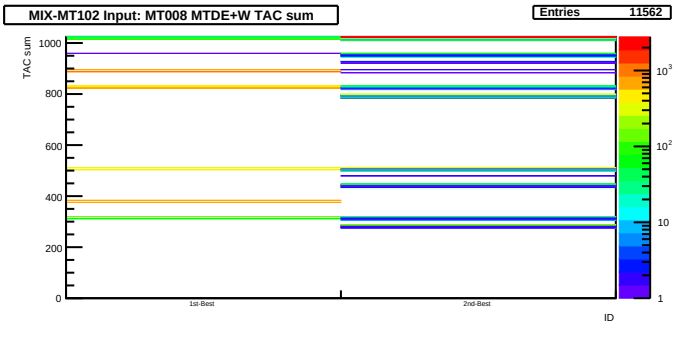

MIX-MT101 Input: VP003 Max TAC
Entries 5781
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

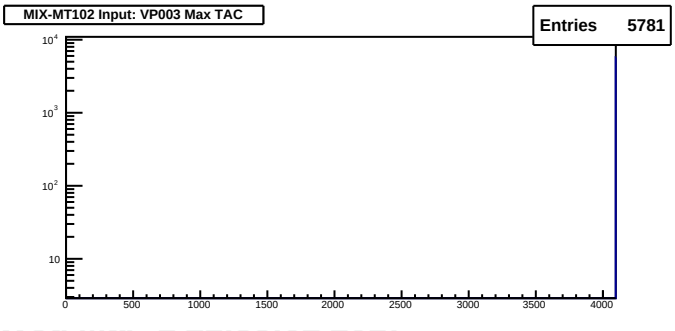

MIX-MT101 Input: VP004 Max TAC
Entries 5781
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

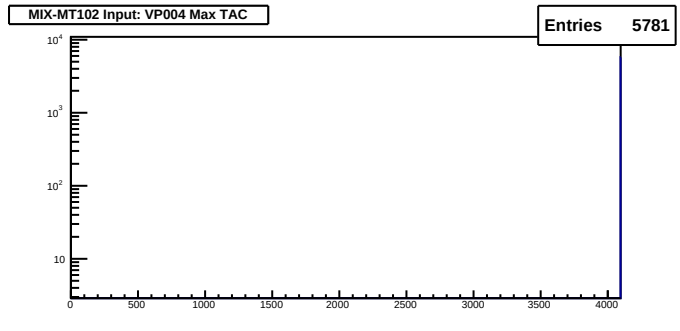

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 11562
TAC sum
1st-Best
2nd-Best
ID

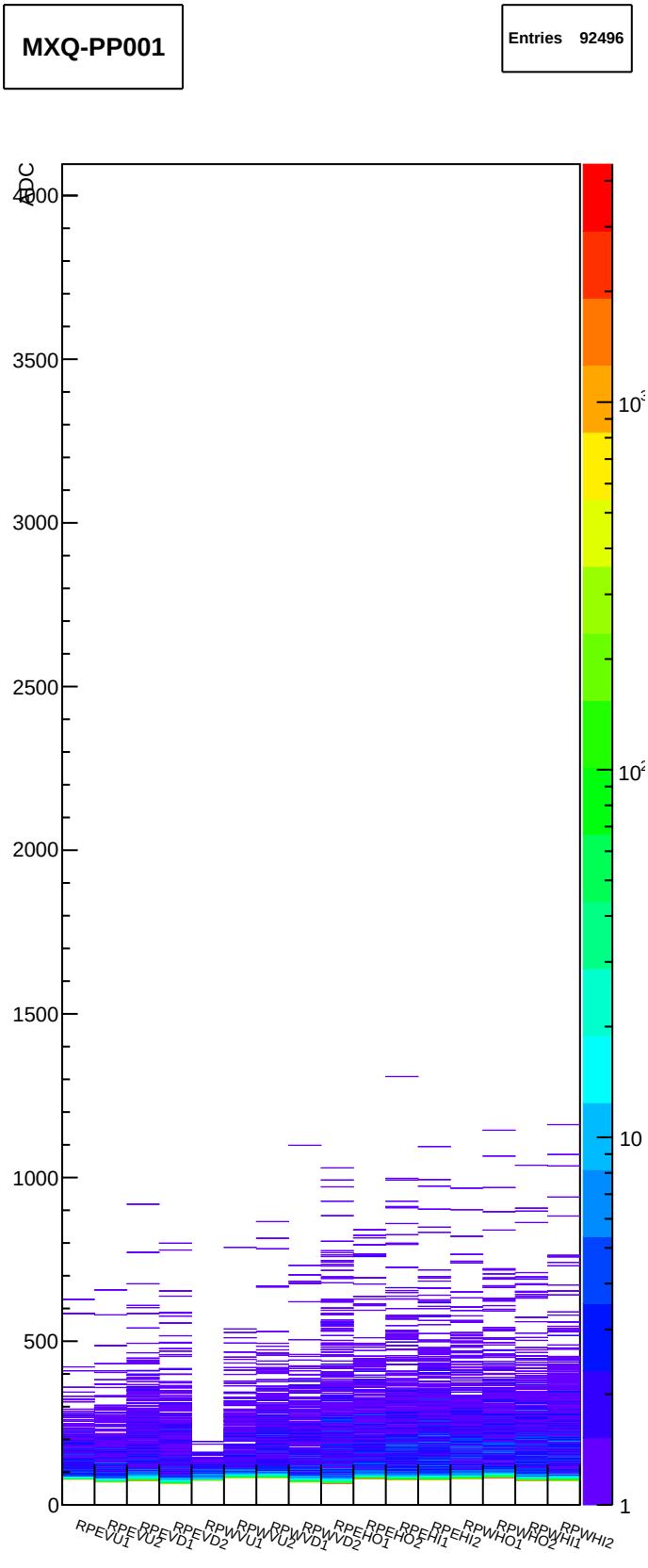

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 11562
TAC sum
1st-Best
2nd-Best
ID

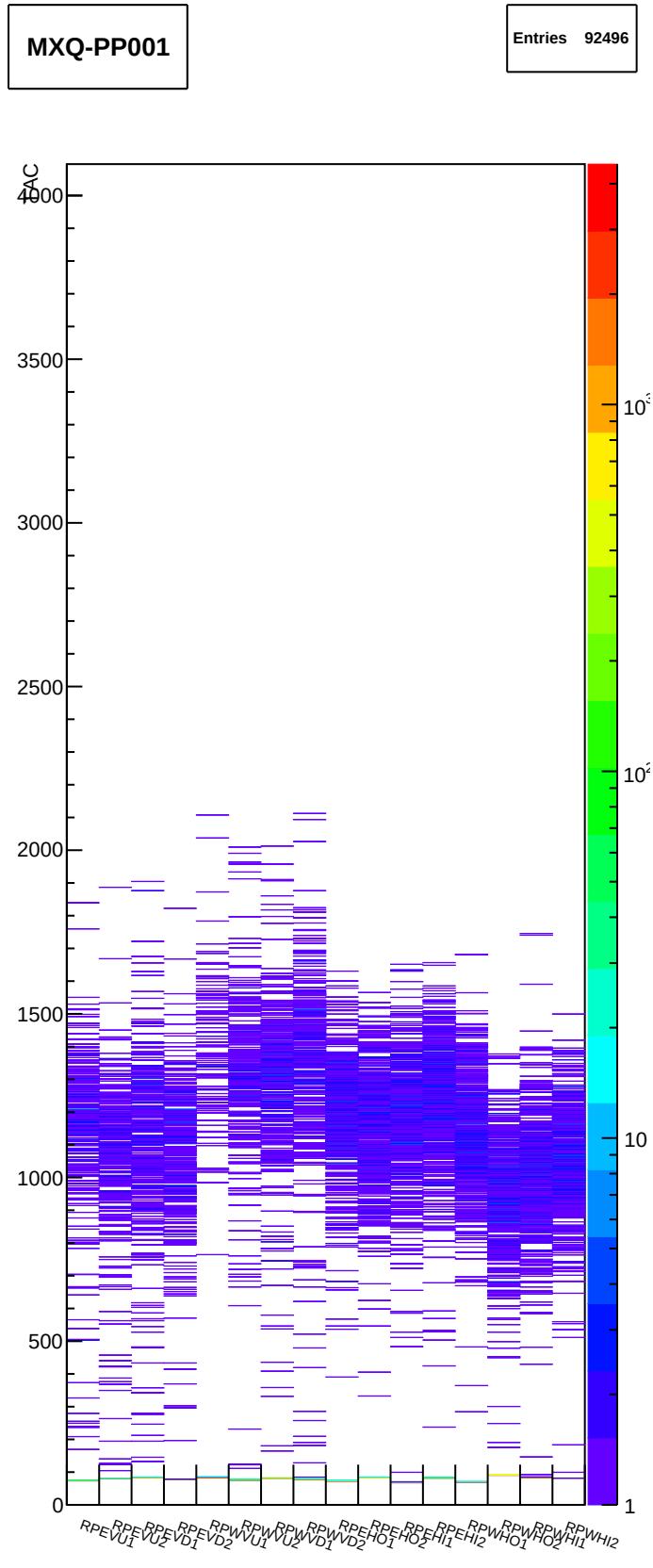

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 11562
TAC sum
1st-Best
2nd-Best
ID

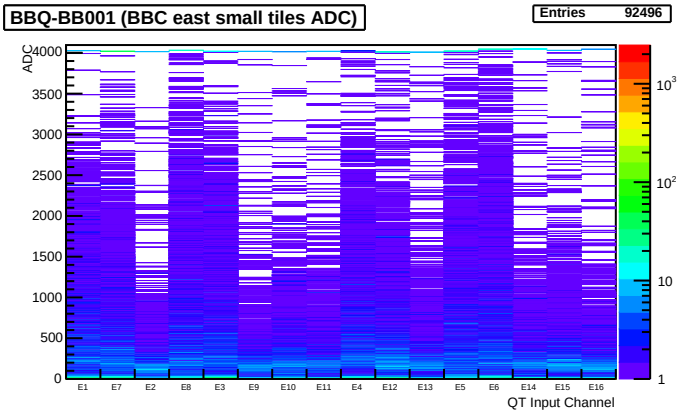

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 11562
TAC sum
1st-Best
2nd-Best
ID

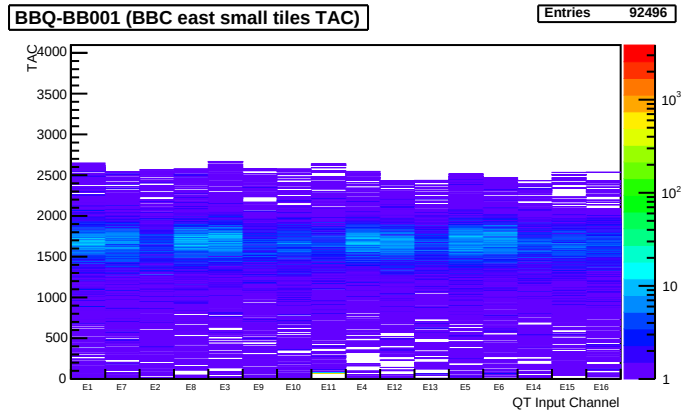

MIX-MT102 Input: VP003 Max TAC
Entries 5781

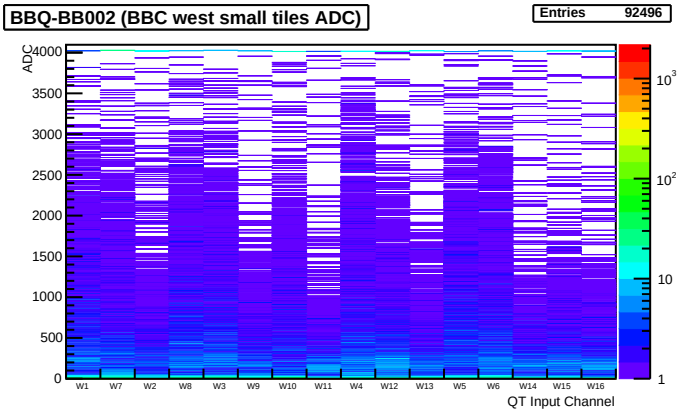

MIX-MT102 Input: VP004 Max TAC
Entries 5781

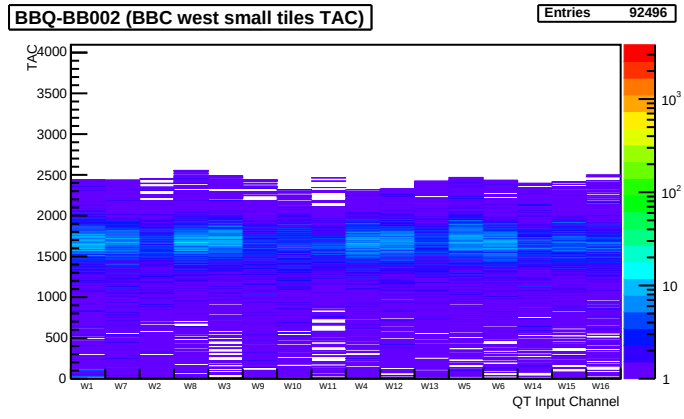

MXQ-PP001
Entries 92496
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

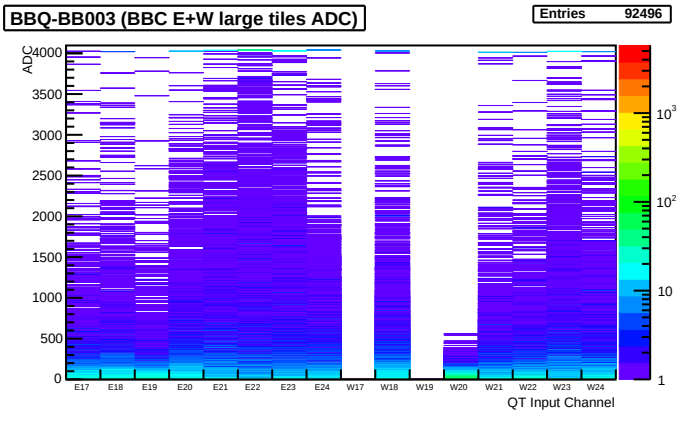

MXQ-PP001
Entries 92496
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

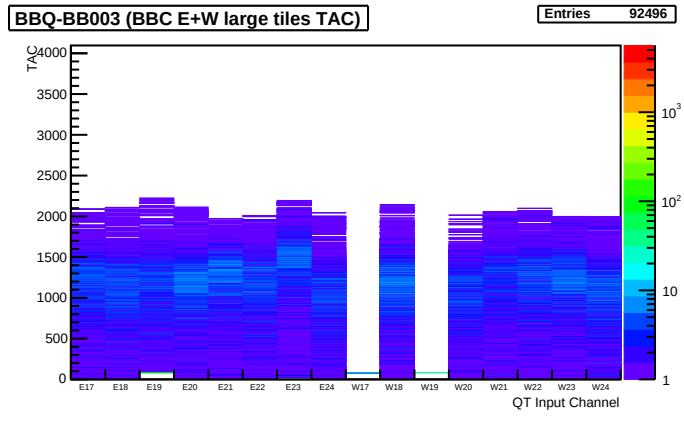

BBQ-BB001 (BBC east small tiles ADC)
Entries 92496
ADC
QT Input Channel

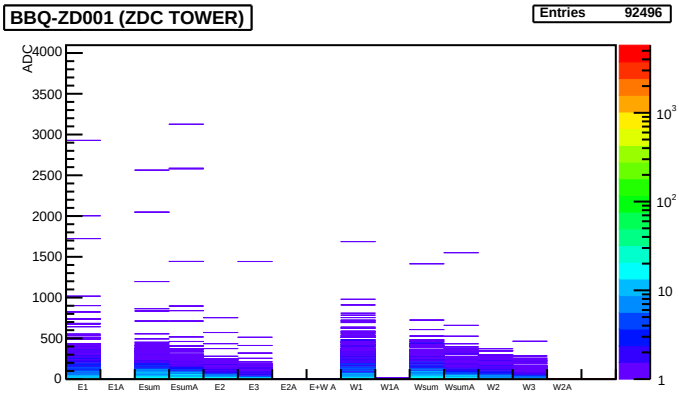

BBQ-BB001 (BBC east small tiles TAC)
Entries 92496
TAC
QT Input Channel

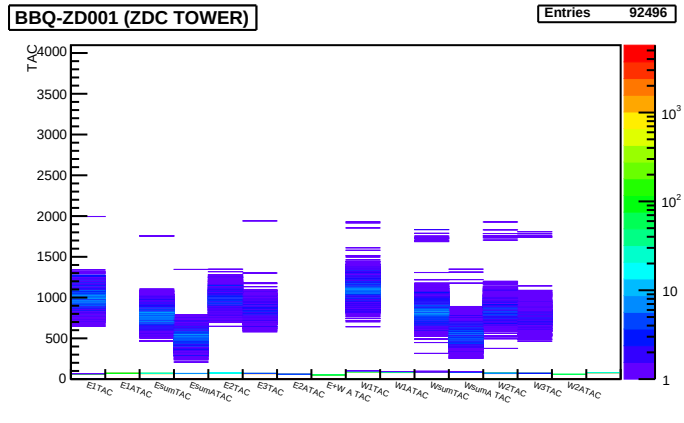

BBQ-BB002 (BBC west small tiles ADC)
Entries 92496
ADC
QT Input Channel

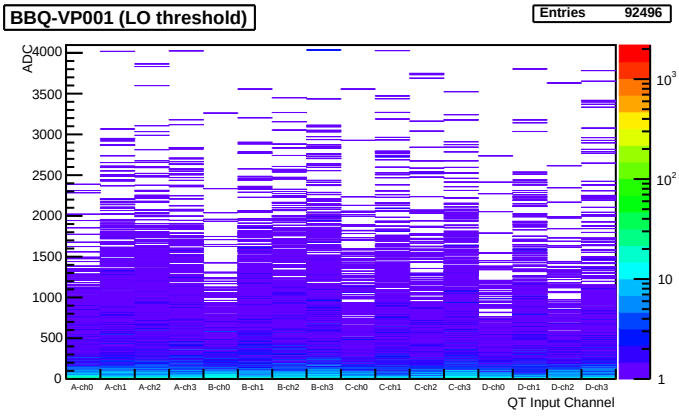

BBQ-BB002 (BBC west small tiles TAC)
Entries 92496
TAC
QT Input Channel

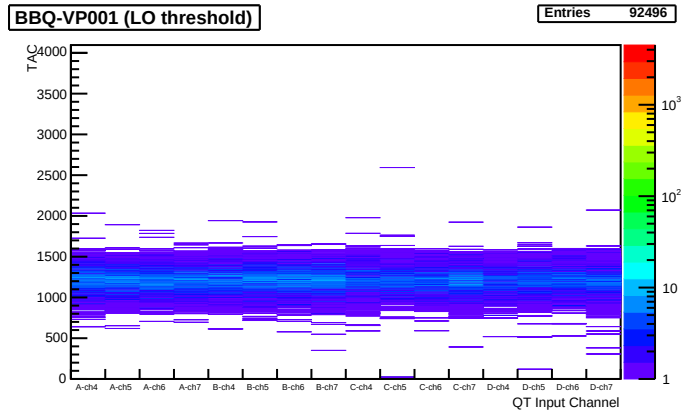

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 92496
ADC
QT Input Channel

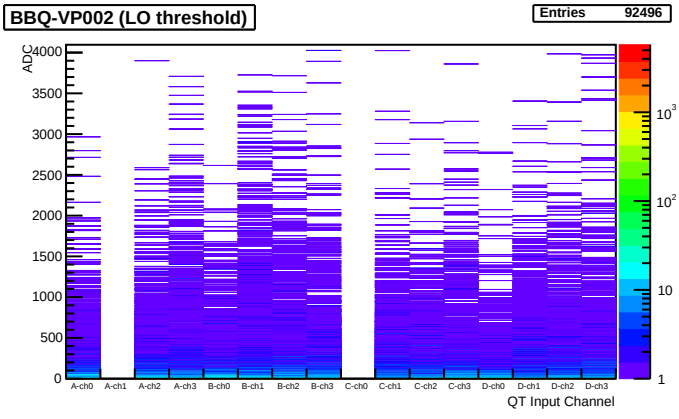

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 92496
TAC
QT Input Channel

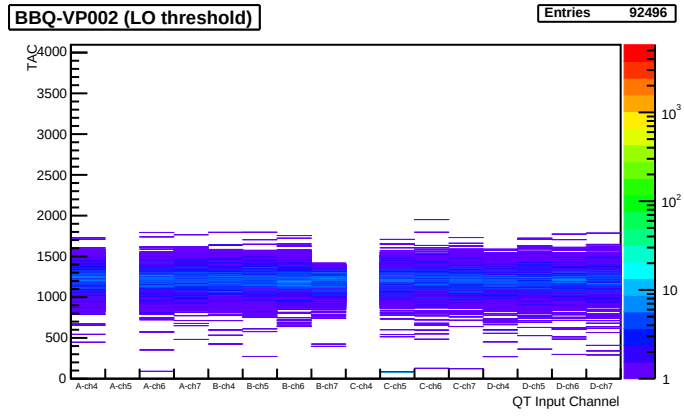

BBQ-ZD001 (ZDC TOWER)
Entries 92496
ADC

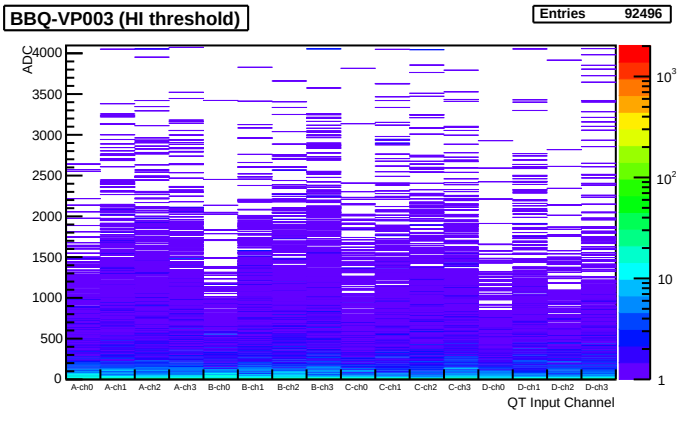

BBQ-ZD001 (ZDC TOWER)
Entries 92496
TAC

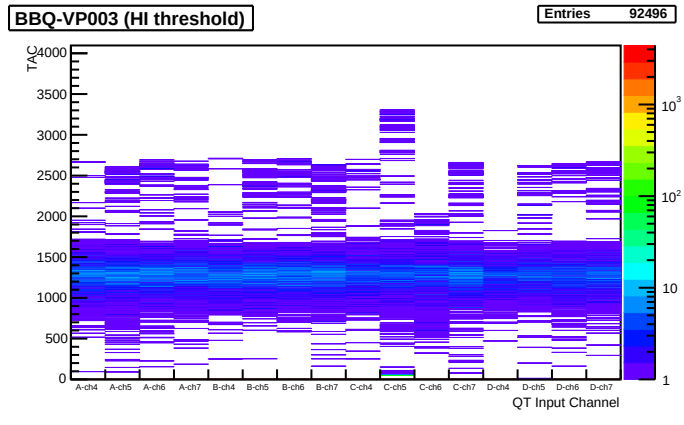

BBQ-VP001 (LO threshold)
Entries 92496
ADC
QT Input Channel

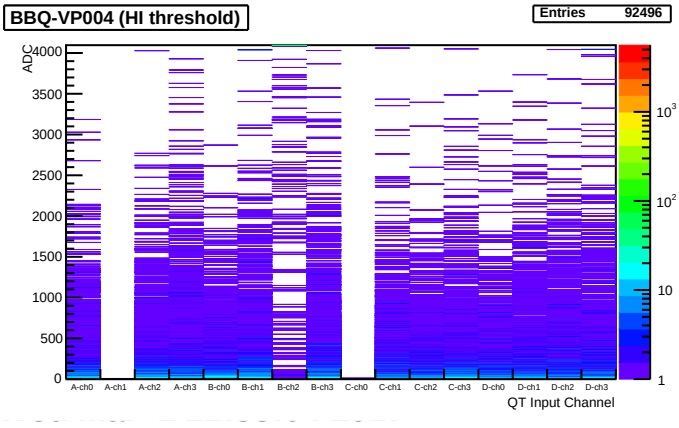

BBQ-VP001 (LO threshold)
Entries 92496
TAC
QT Input Channel

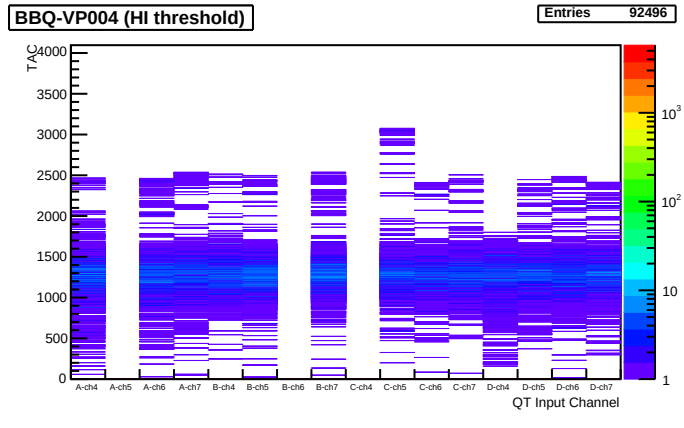

BBQ-VP002 (LO threshold)
Entries 92496
ADC
QT Input Channel

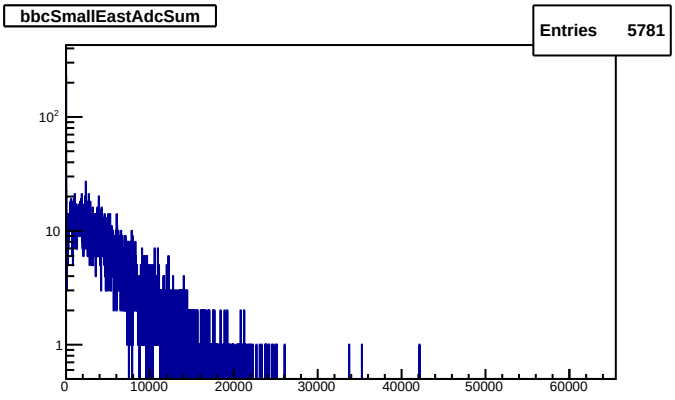

BBQ-VP002 (LO threshold)
Entries 92496
TAC
QT Input Channel

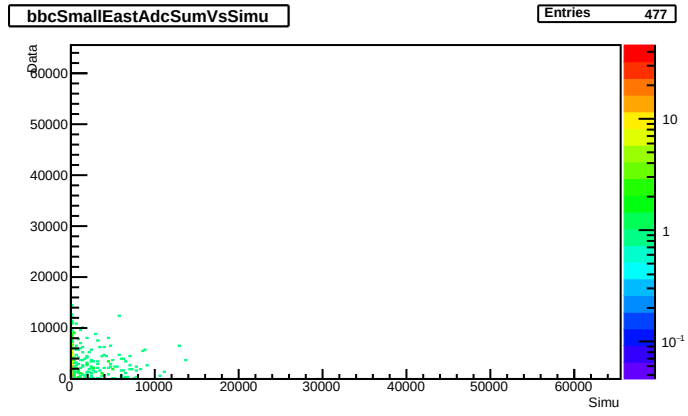

BBQ-VP003 (HI threshold)
Entries 92496
ADC
QT Input Channel

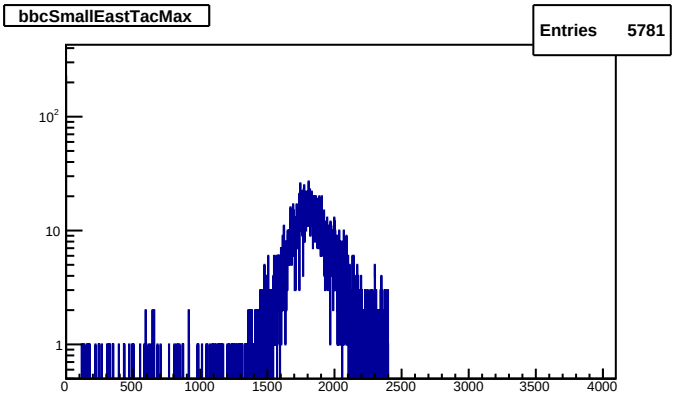

BBQ-VP003 (HI threshold)
Entries 92496
TAC
QT Input Channel

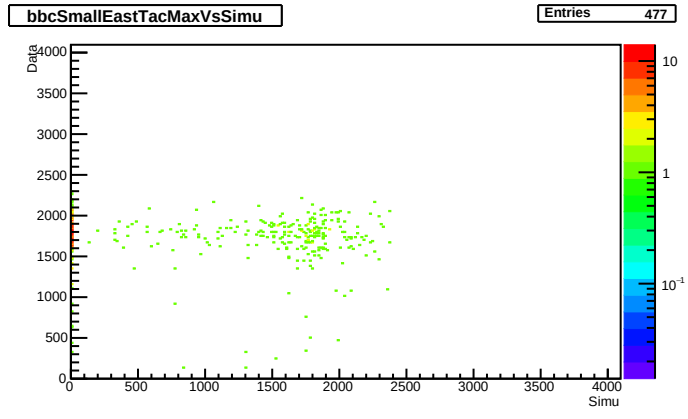

BBQ-VP004 (HI threshold)
Entries 92496
ADC
QT Input Channel

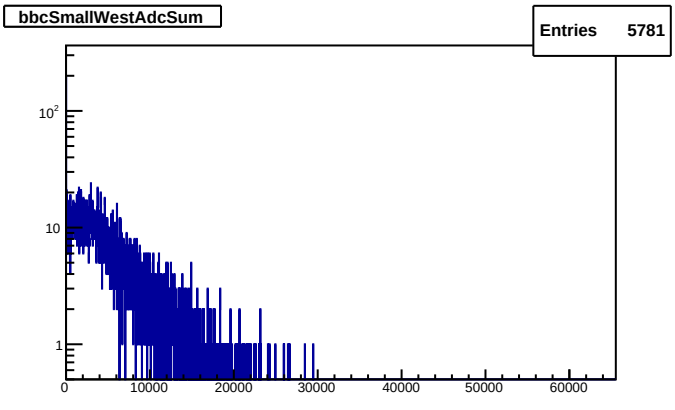

BBQ-VP004 (HI threshold)
Entries 92496
TAC
QT Input Channel

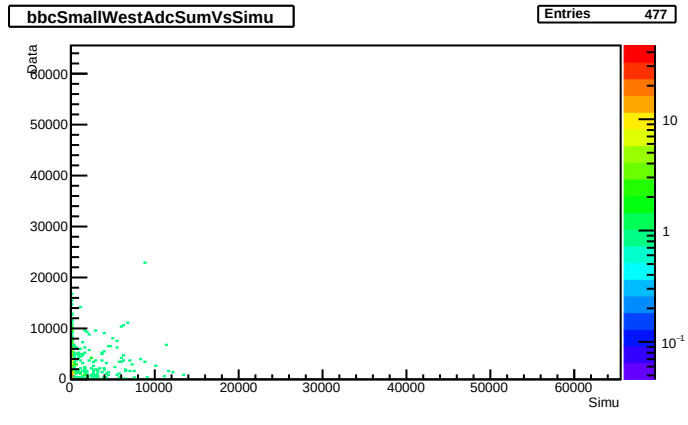

bbcSmallEastAdcSum
Entries 5781

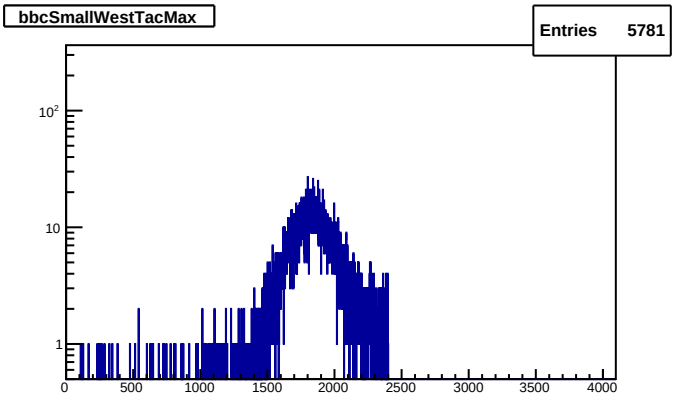

bbcSmallEastAdcSumVsSimu
Entries 477
Data
Simu

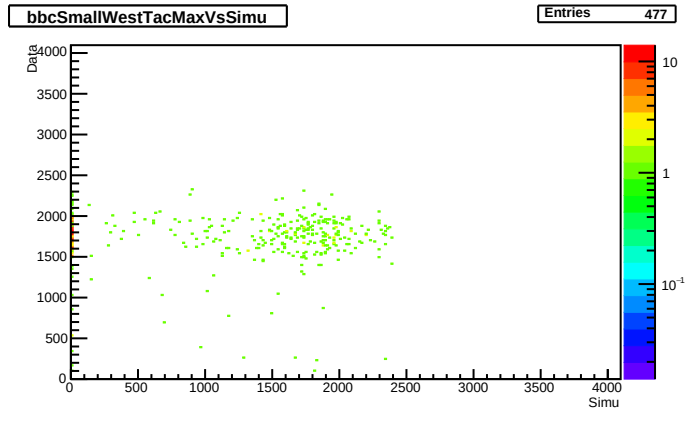

bbcSmallEastTacMax
Entries 5781

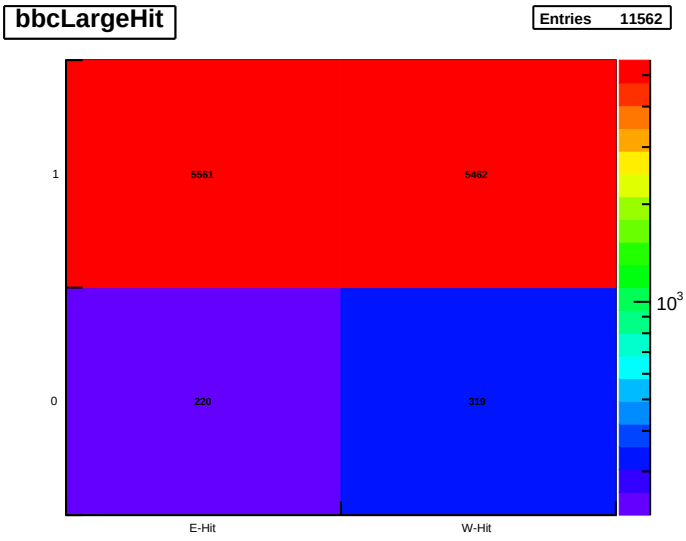

bbcSmallEastTacMaxVsSimu
Entries 477
Data
Simu

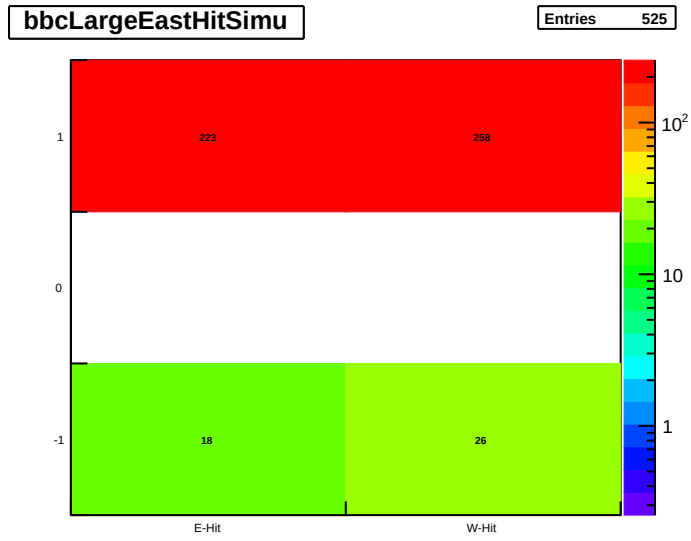

bbcSmallWestAdcSum
Entries 5781

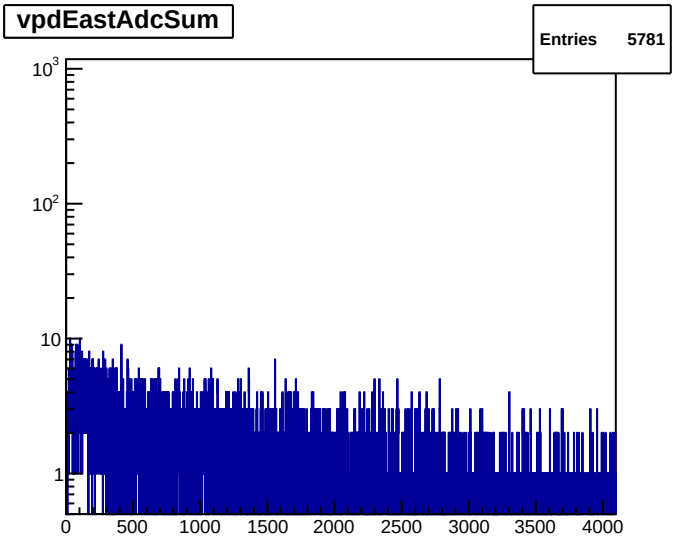

bbcSmallWestAdcSumVsSimu
Entries 477
Data
Simu

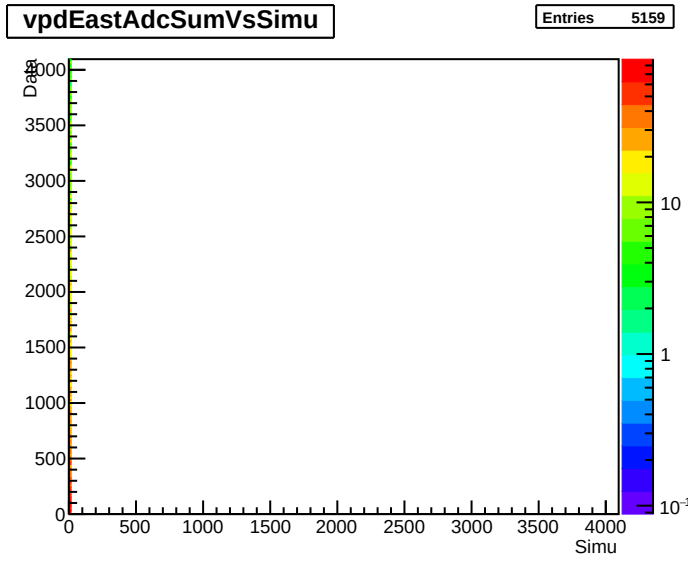

bbcSmallWestTacMax
Entries 5781

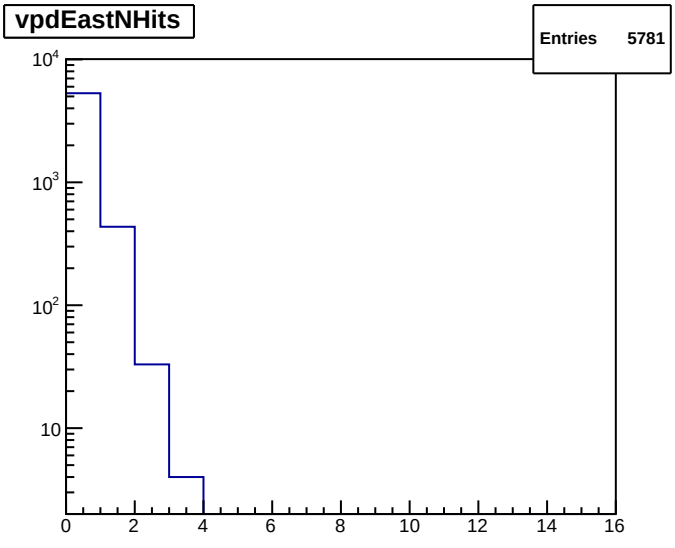

bbcSmallWestTacMaxVsSimu
Entries 477
Data
Simu

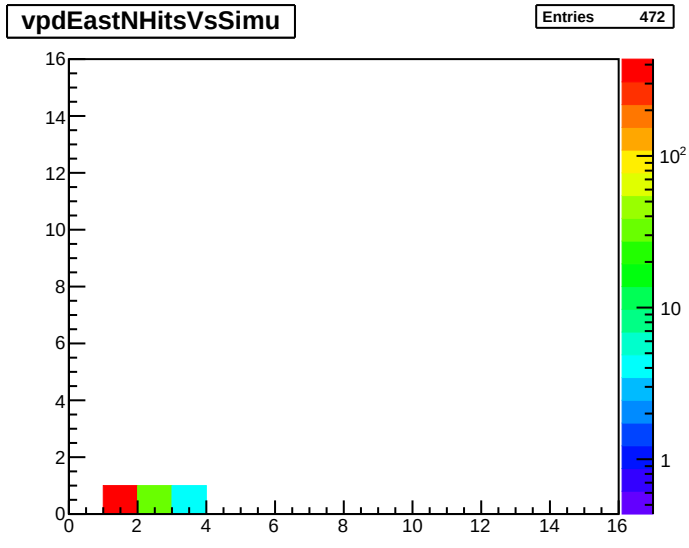

bbcLargeHit
Entries 11562
1
0
5561
5462
220
319
E-Hit
W-Hit
10^3

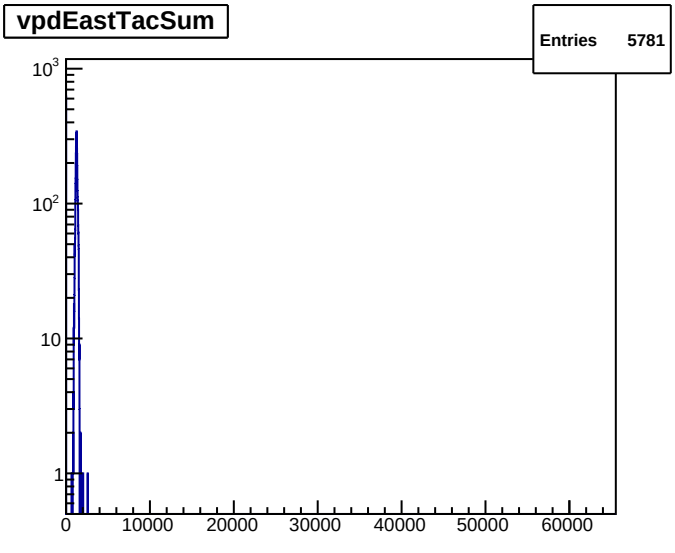

bbcLargeEastHitSimu
Entries 525
1
0
-1
223
258
18
26
E-Hit
W-Hit
10^2
10
1

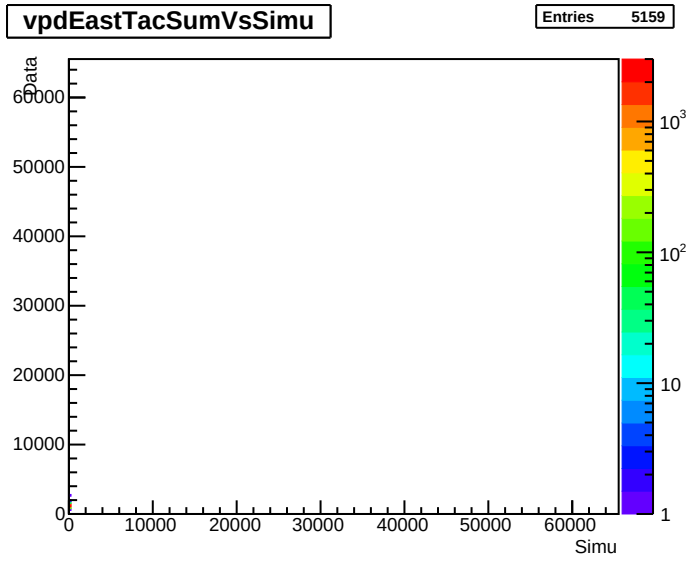

vpdEastAdcSum
Entries 5781

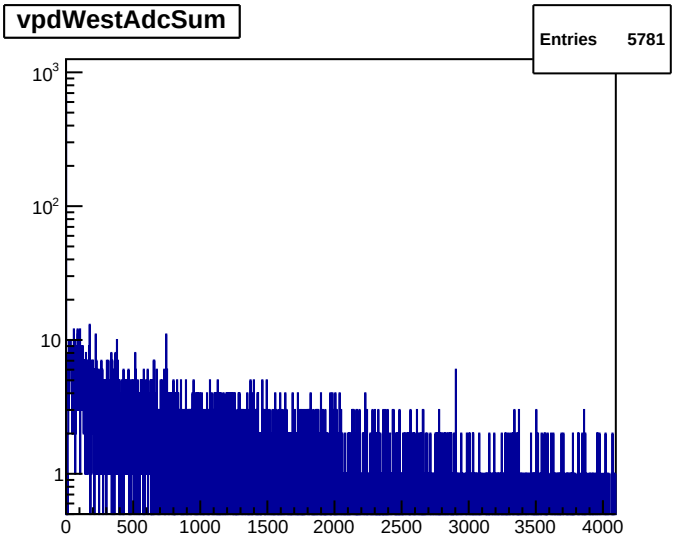

vpdEastAdcSumVsSimu
Entries 5159
Data
Simu

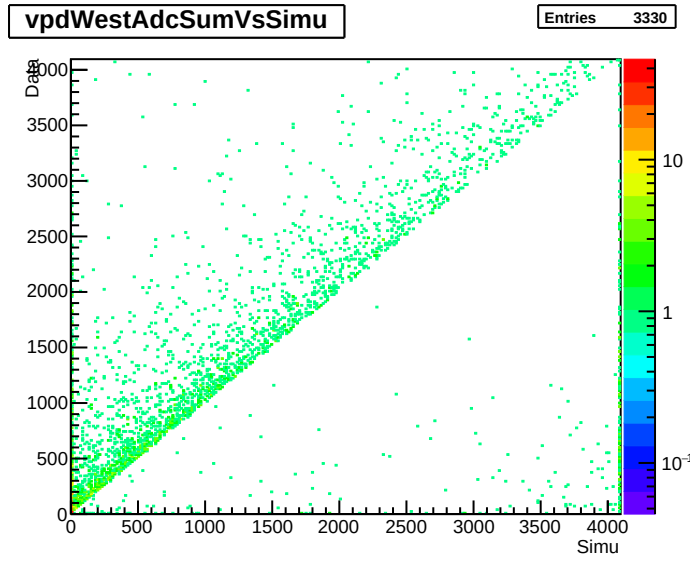

vpdEastNHits
Entries 5781

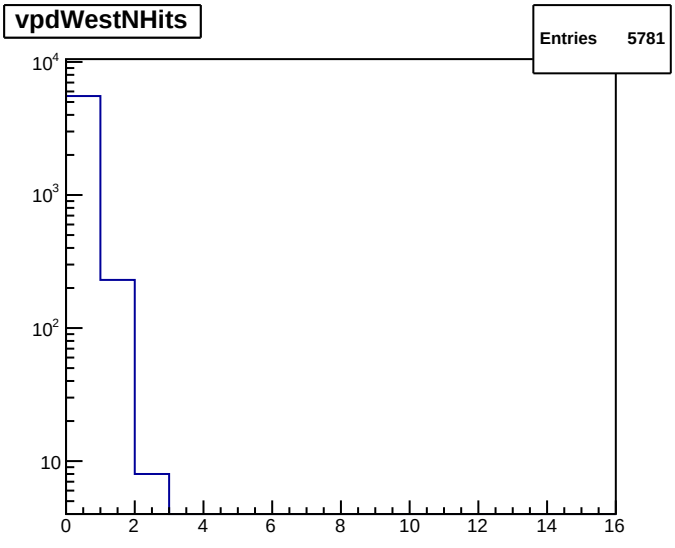

vpdEastNHitsVsSimu
Entries 472

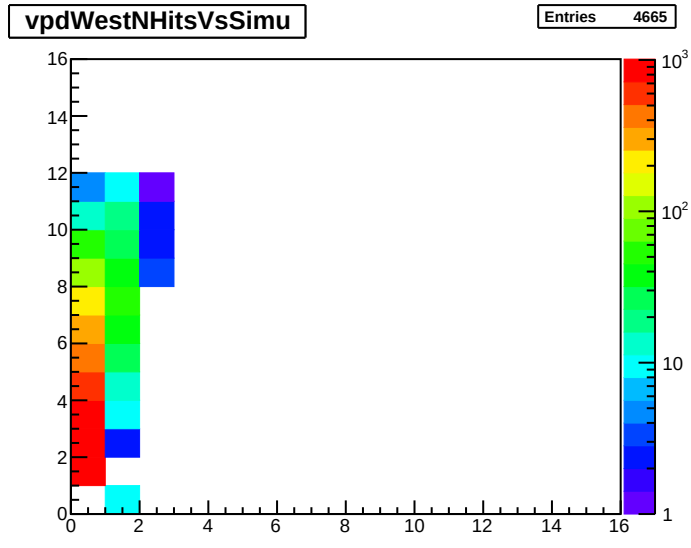

vpdEastTacSum
Entries 5781

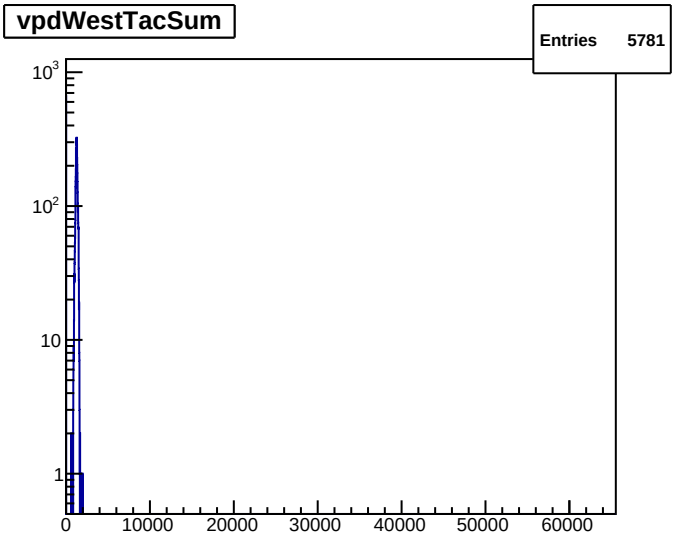

vpdEastTacSumVsSimu
Entries 5159
Data
Simu

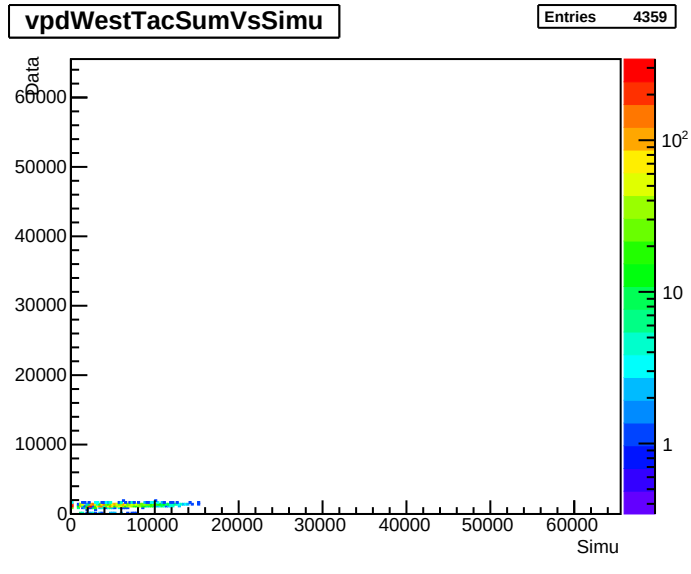

vpdWestAdcSum
Entries 5781

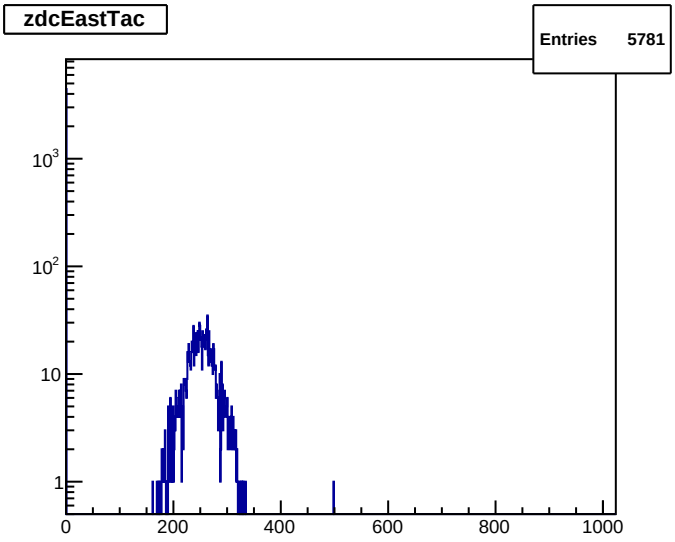

vpdWestAdcSumVsSimu
Entries 3330
Data
Simu

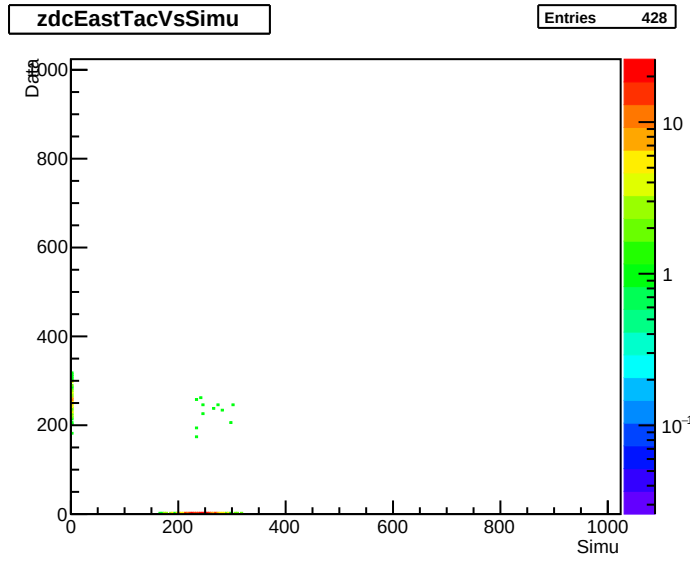

vpdWestNHits
Entries 5781

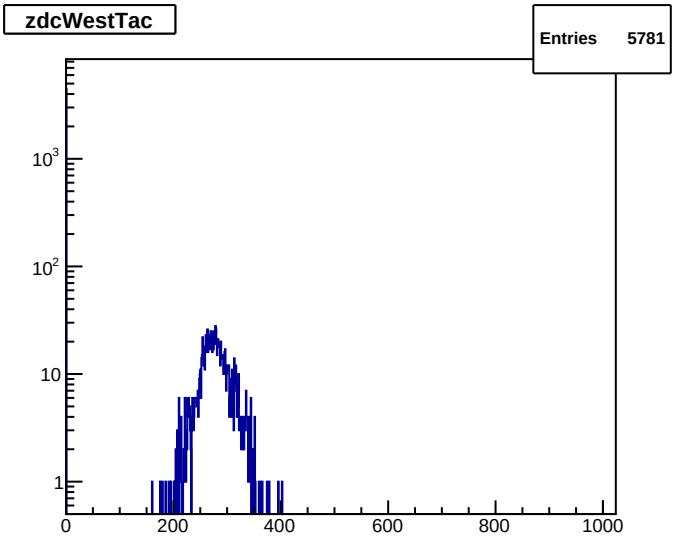

vpdWestNHitsVsSimu
Entries 4665

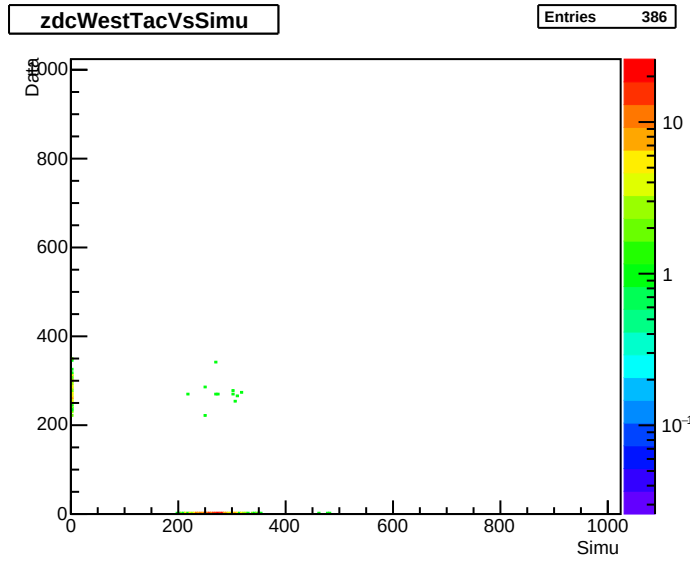

vpdWestTacSum
Entries 5781

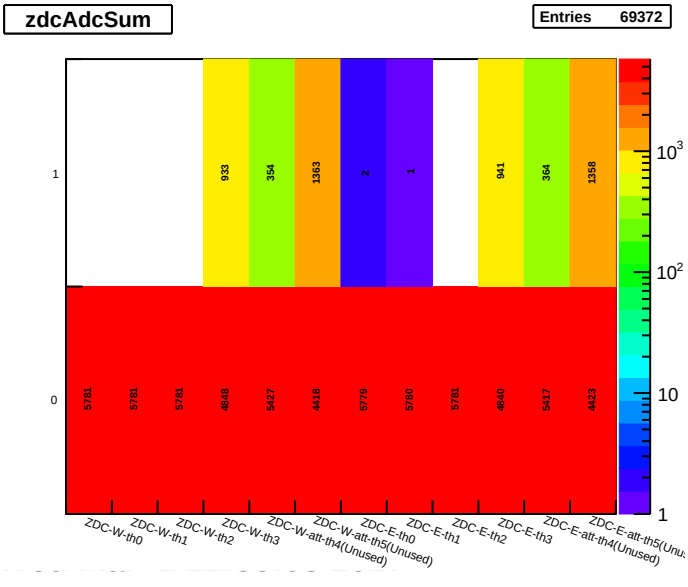

vpdWestTacSumVsSimu
Entries 4359
Data
Simu

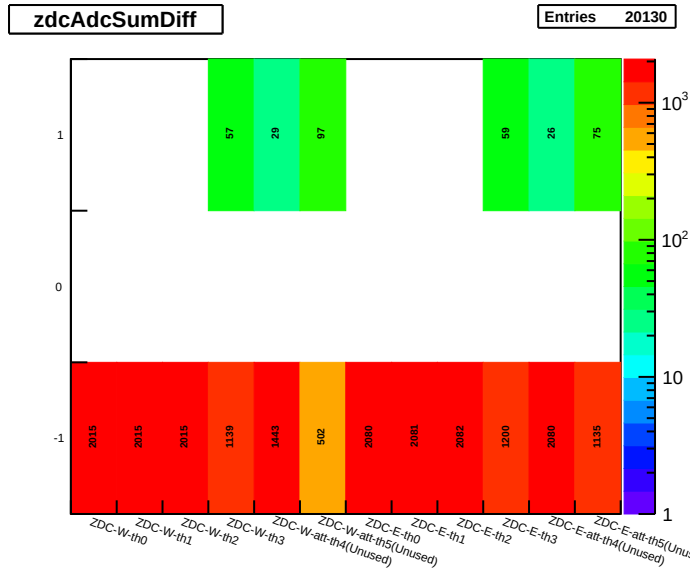

zdcEastTac
Entries 5781

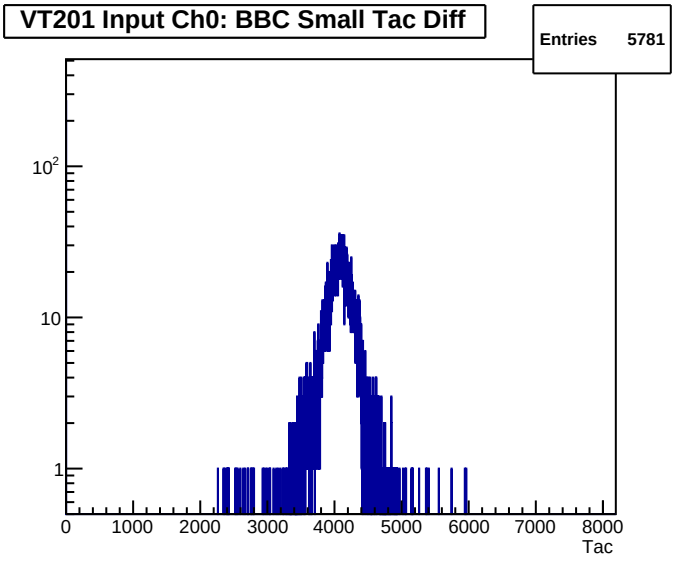

zdcEastTacVsSimu
Entries 428
Data
Simu

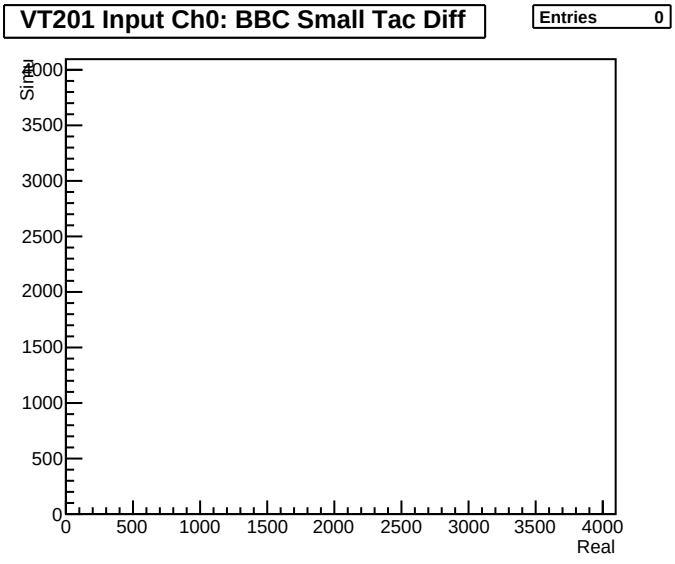

zdcWestTac
Entries 5781

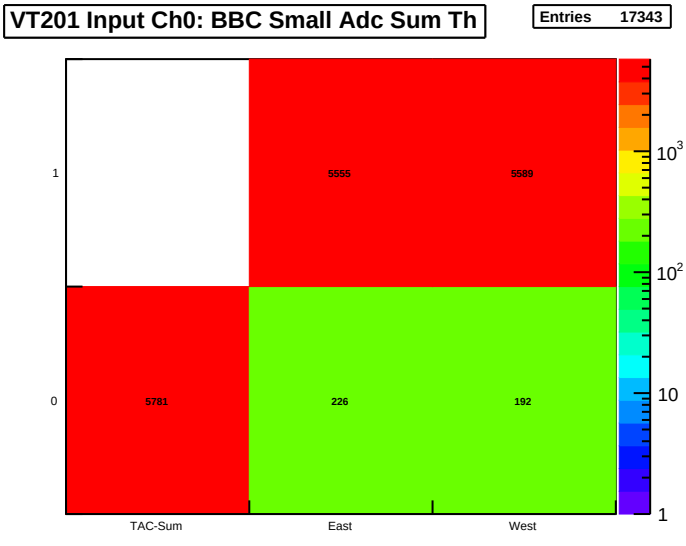

zdcWestTacVsSimu
Entries 386
Data
Simu

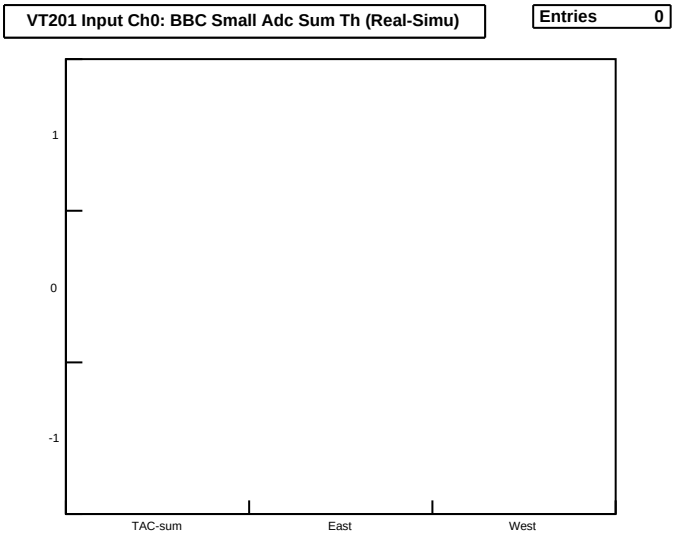

zdcAdcSum
Entries 69372
933
354
1363
2
1
941
364
1358
5781
5781
5781
4848
5427
4418
5779
5780
5781
4840
5417
4423
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

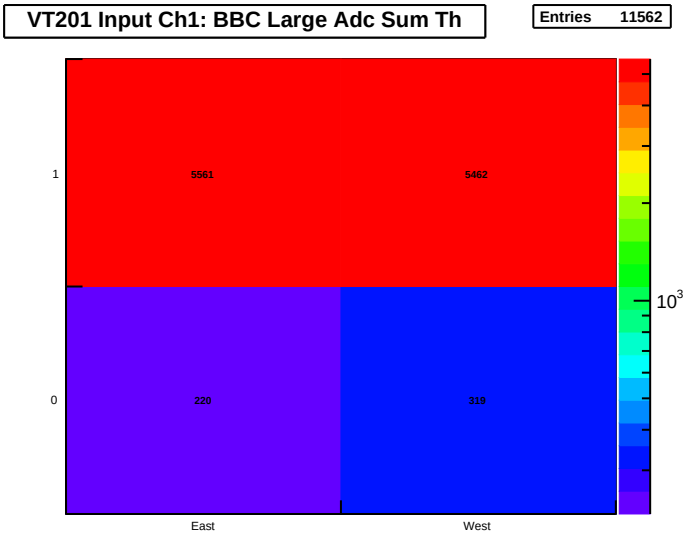

zdcAdcSumDiff
Entries 20130
57
29
97
59
26
75
2015
2015
2015
1139
1443
502
2080
2081
2082
1200
2080
1135
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

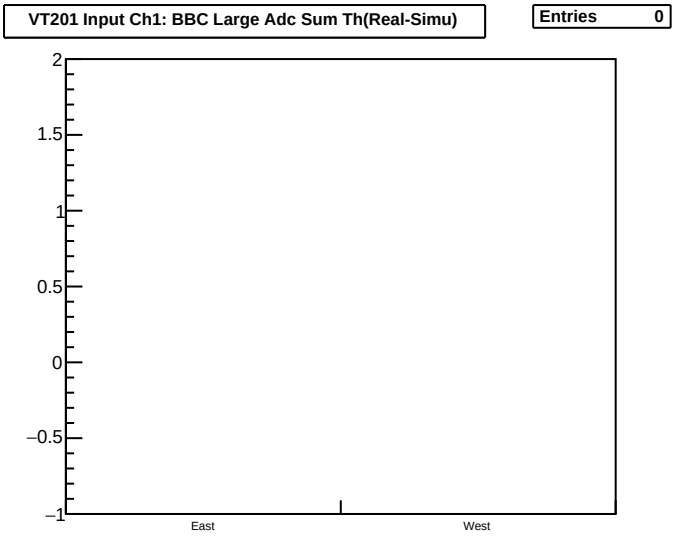

VT201 Input Ch0: BBC Small Tac Diff
Entries 5781
Tac


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

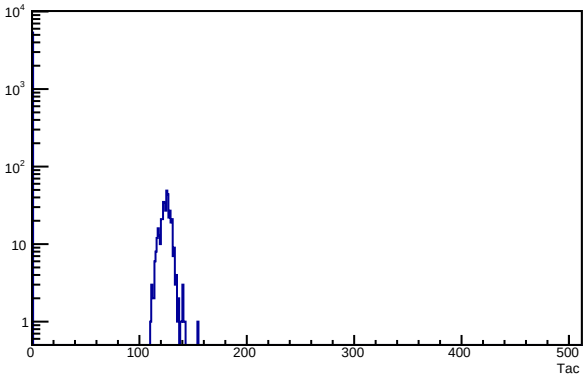

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 17343
5555
5589
5781
226
192
TAC-Sum
East
West


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

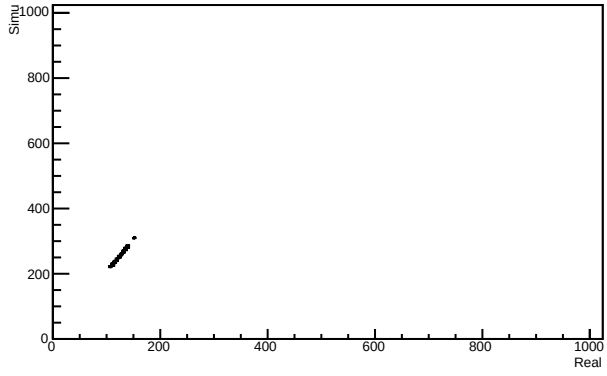

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 11562
5561
5462
220
319
East
West


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

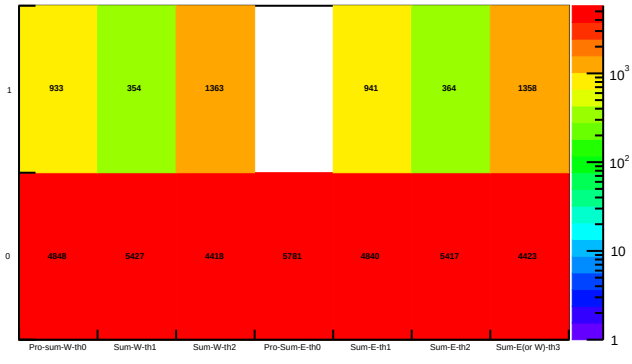
VT201 Input Ch2: ZDC Tac Diff



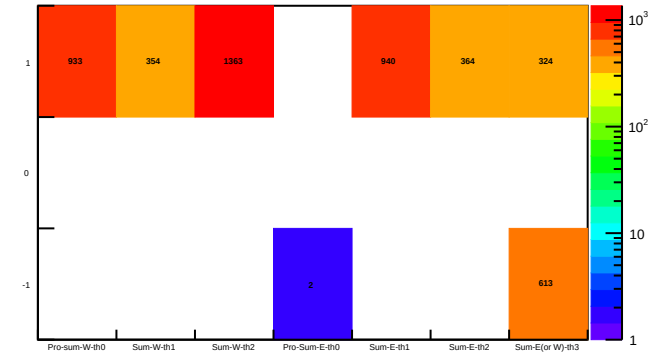
VT201 Input Ch2: ZDC Tac Diff



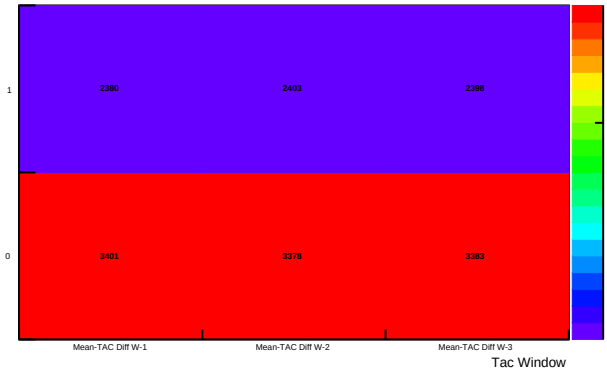
VT201 Input Ch2: ZDC Adc Sum Th



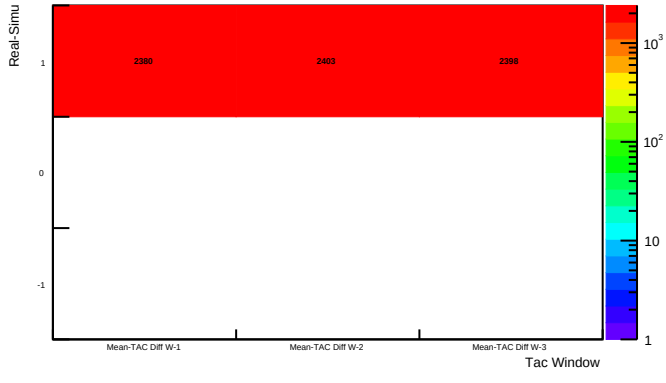
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



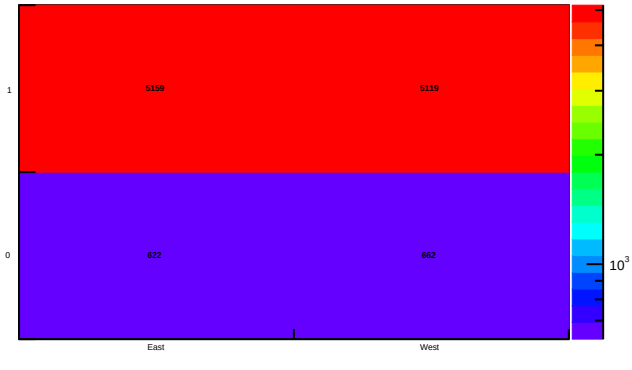
VT201 Input Ch4: VPD Tac Diff



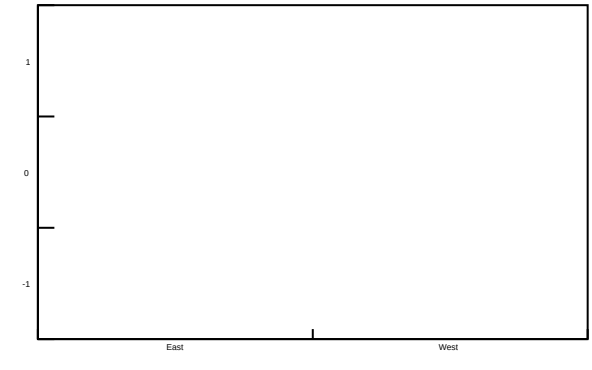
VT201 Input Ch4: VPD Tac Diff

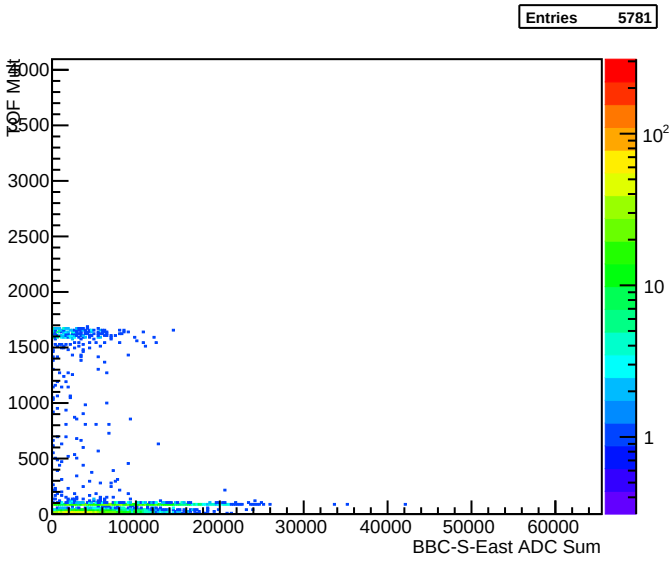


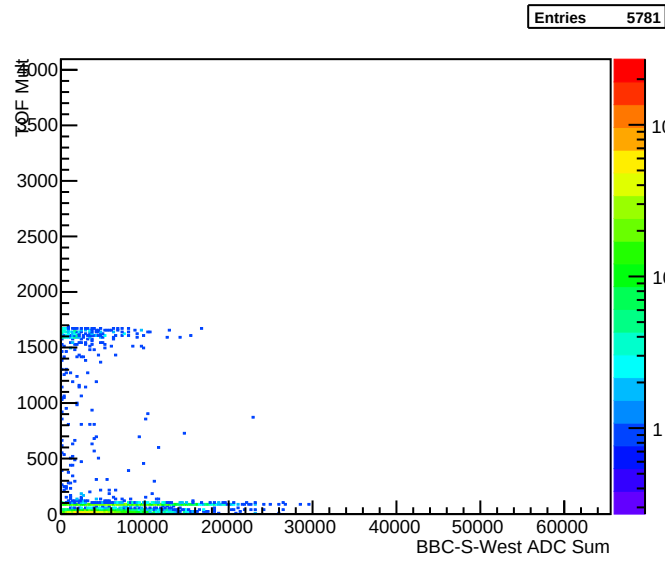
VT201 Input Ch4: VPD Adc Sum Th

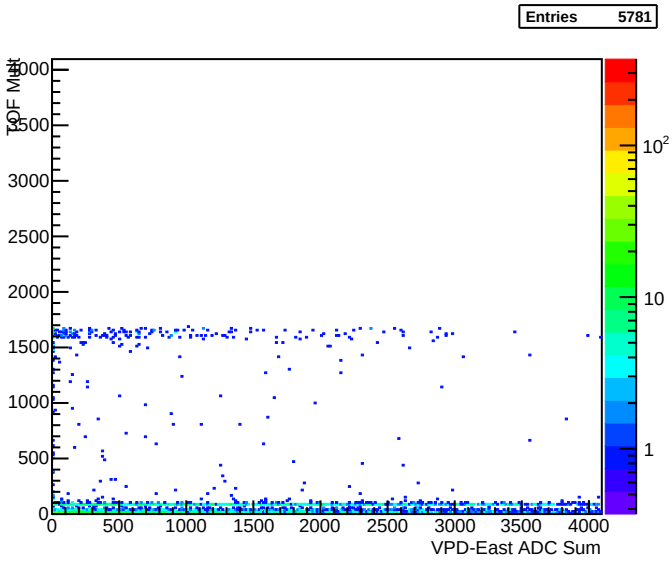


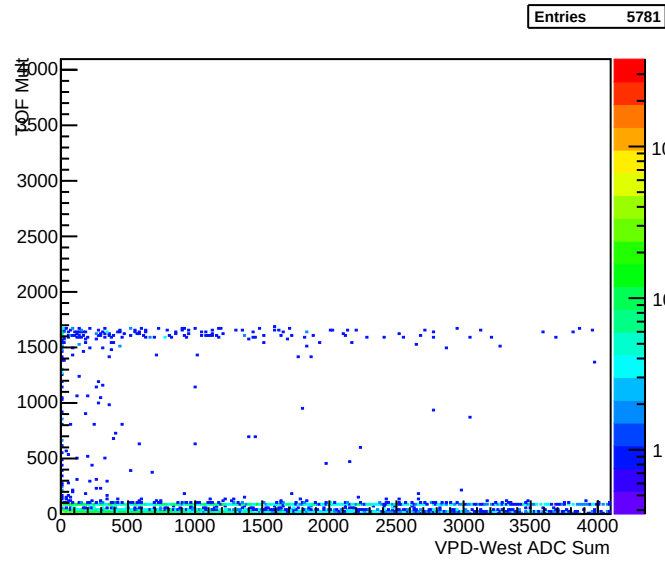
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

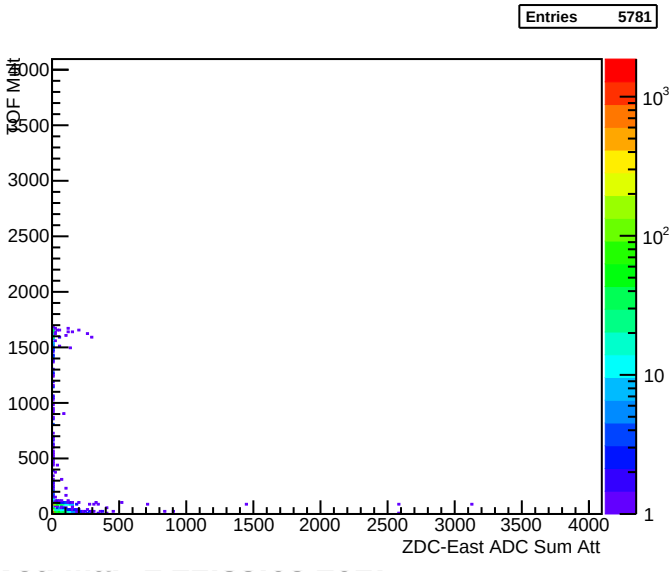


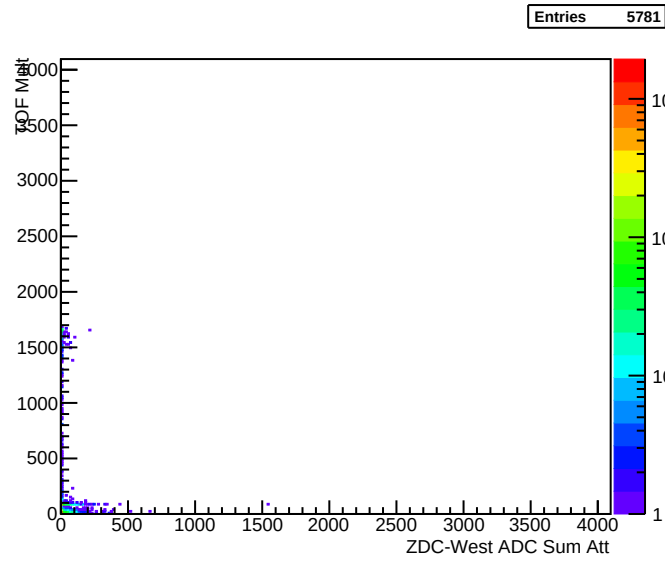

Entries 5781
TOF Mult
BBC-S-East ADC Sum

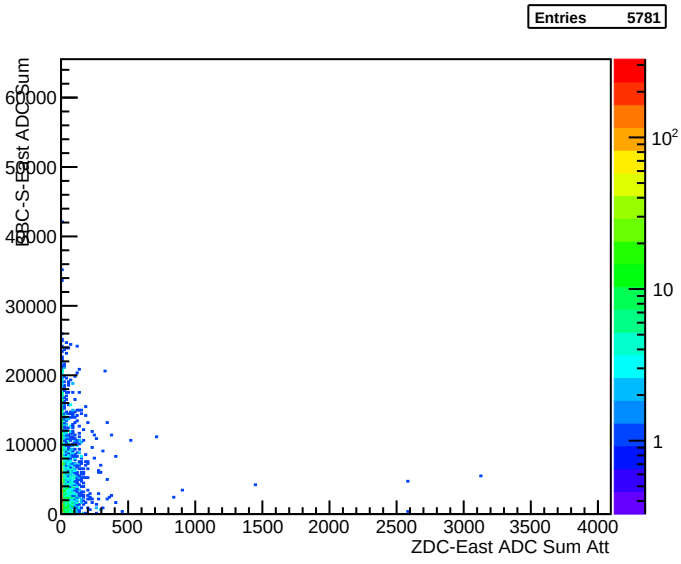

Entries 5781
TOF Mult
BBC-S-West ADC Sum

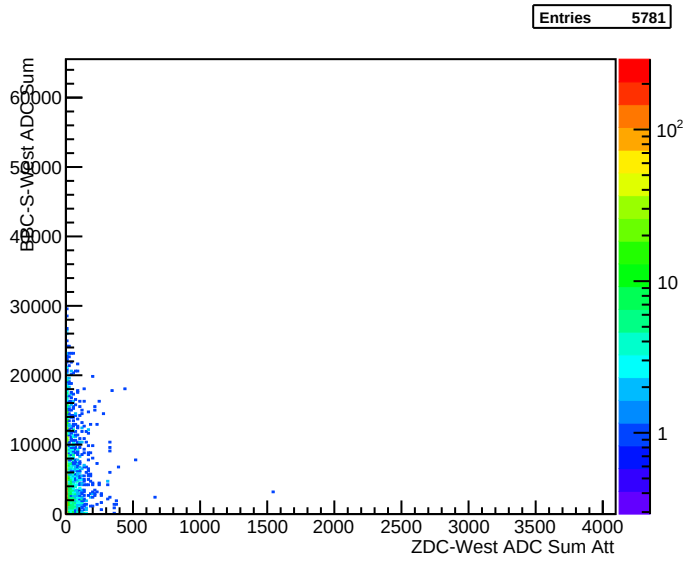

Entries 5781
TOF Mult
VPD-East ADC Sum

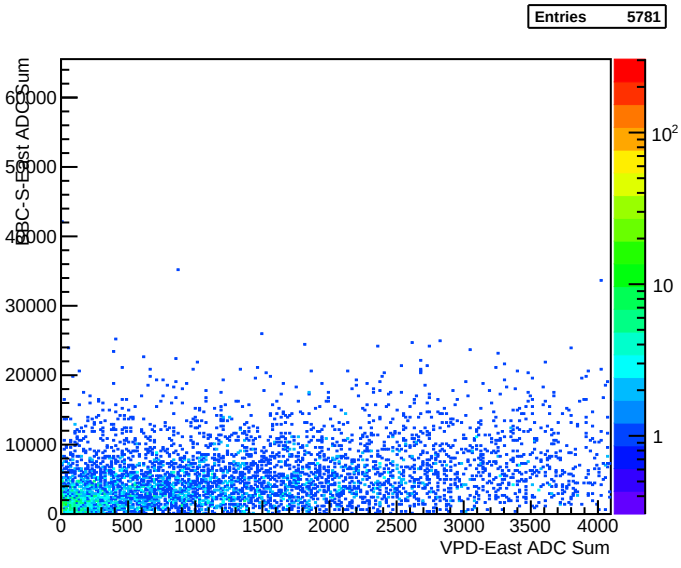

Entries 5781
TOF Mult
VPD-West ADC Sum

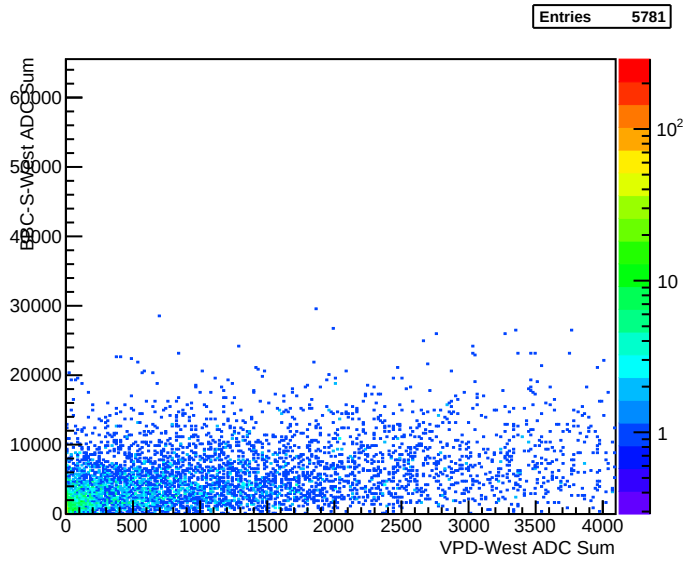

Entries 5781
TOF Mult
ZDC-East ADC Sum Att

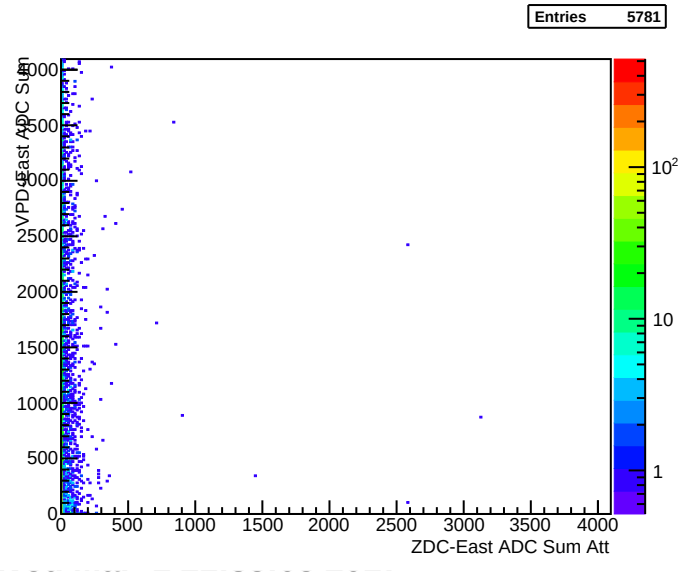

Entries 5781
TOF Mult
ZDC-West ADC Sum Att

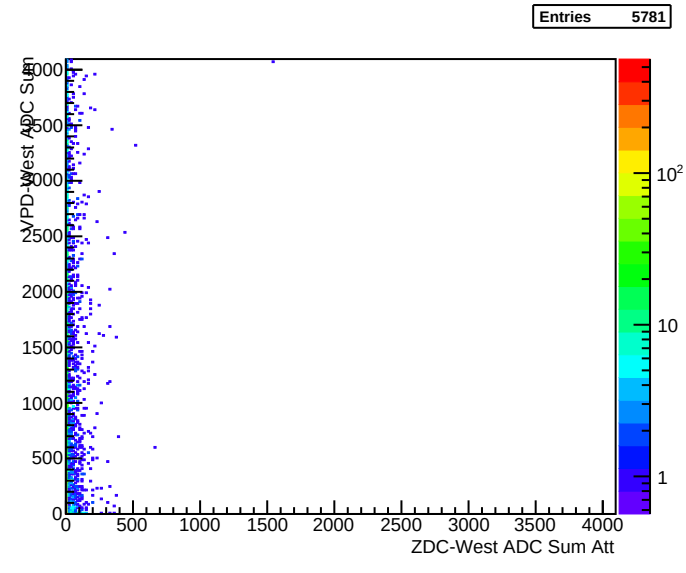

Entries 5781
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

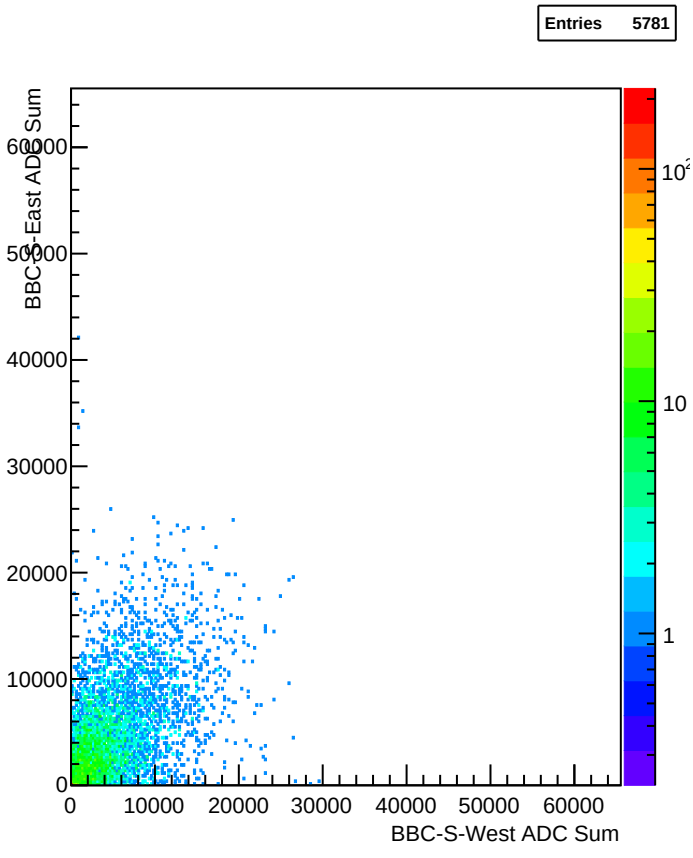

Entries 5781
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

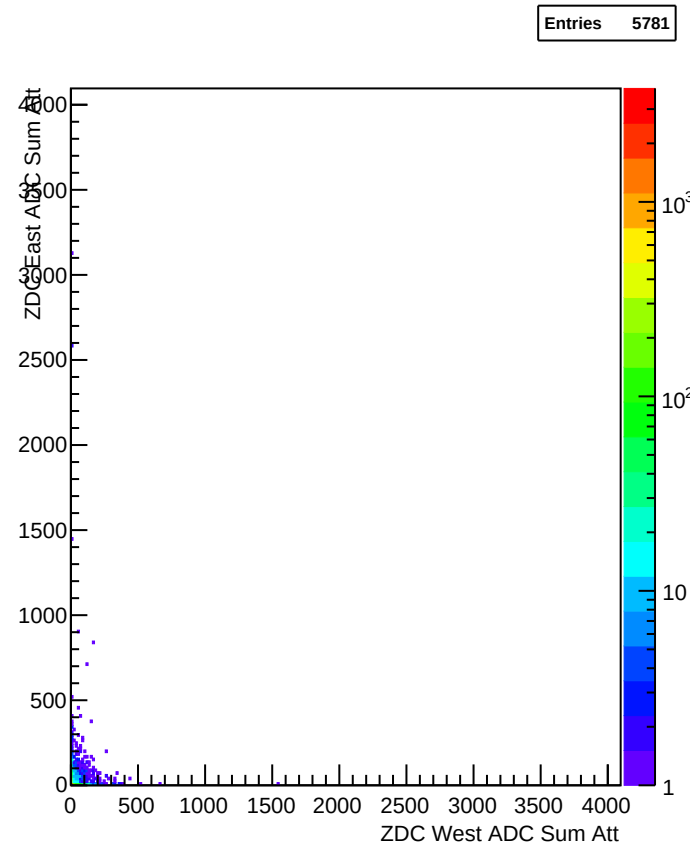

Entries 5781
BBC-S-East ADC Sum
VPD-East ADC Sum

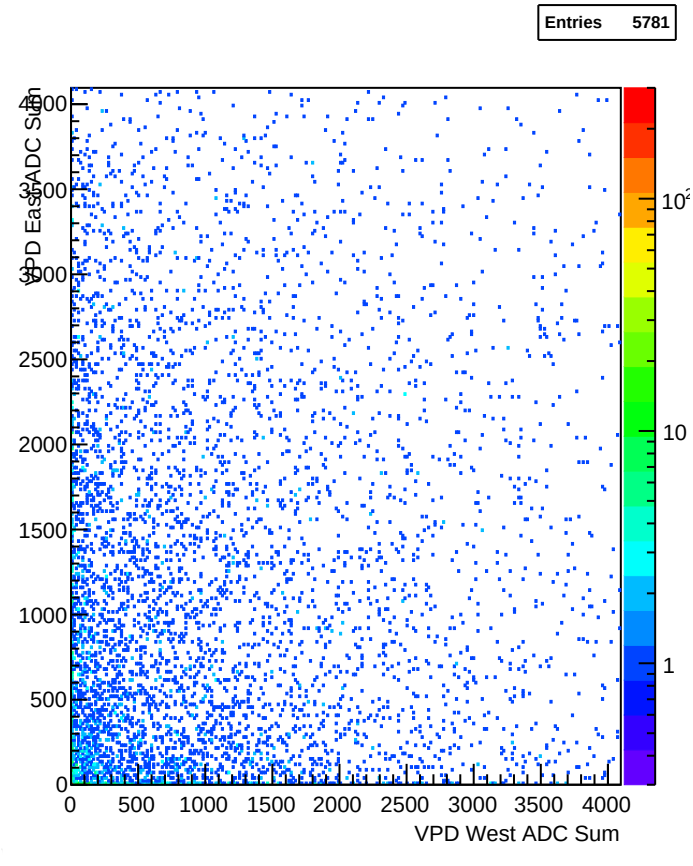

Entries 5781
BBC-S-West ADC Sum
VPD-West ADC Sum

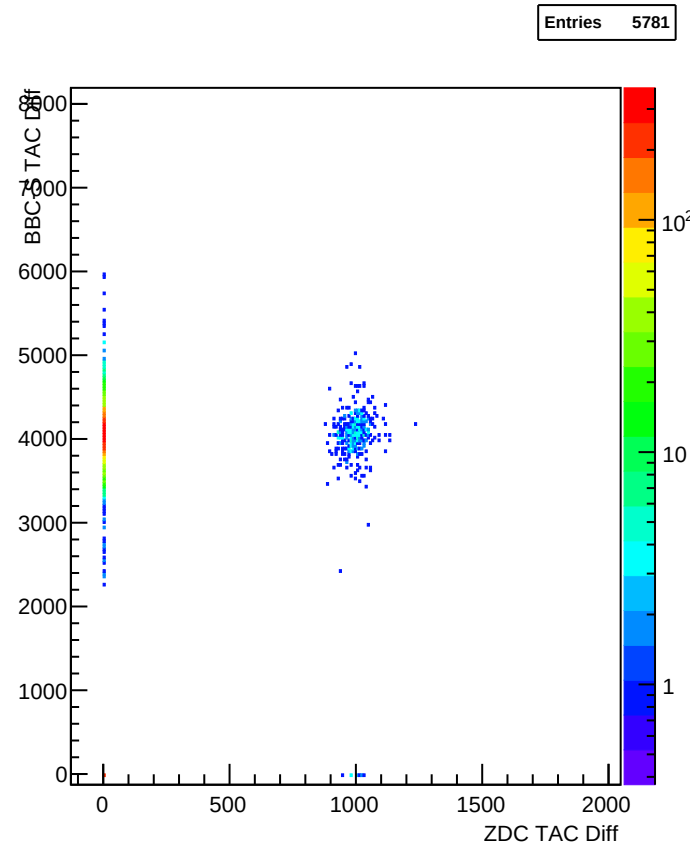

Entries 5781
VPD-East ADC Sum
ZDC-East ADC Sum Att

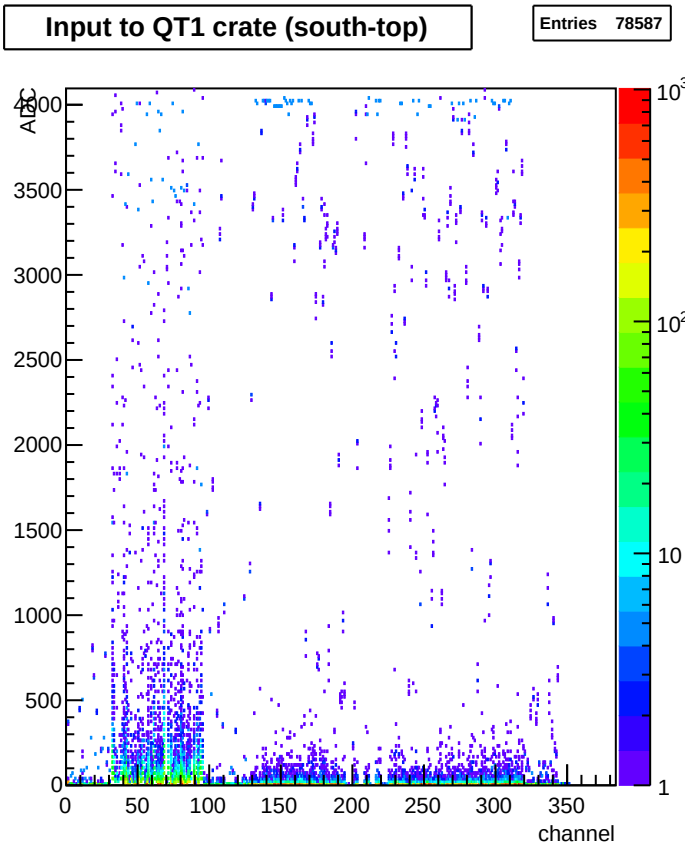

Entries 5781
VPD-West ADC Sum
ZDC-West ADC Sum Att

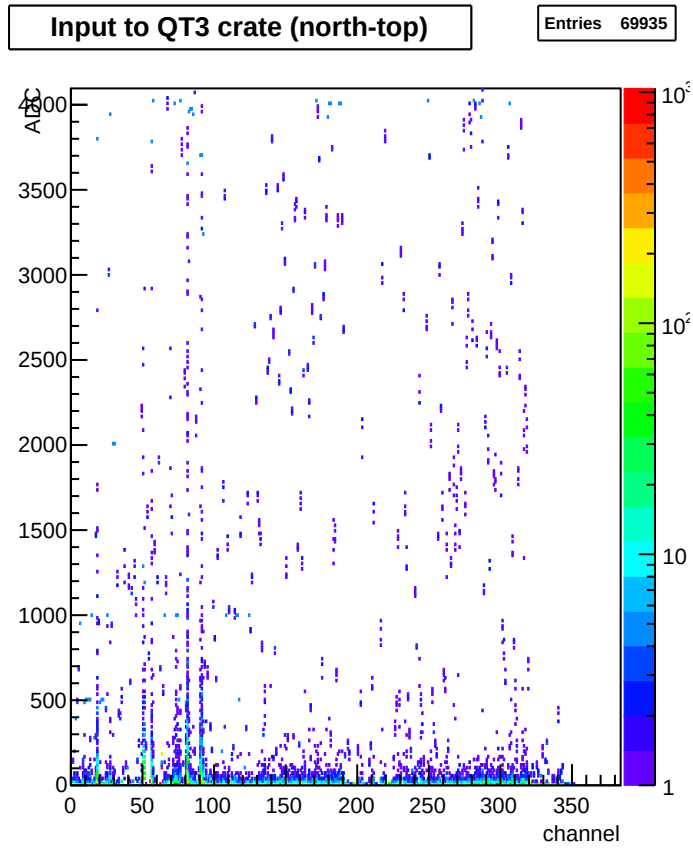

Entries 5781
BBC-S-East ADC Sum
BBC-S-West ADC Sum

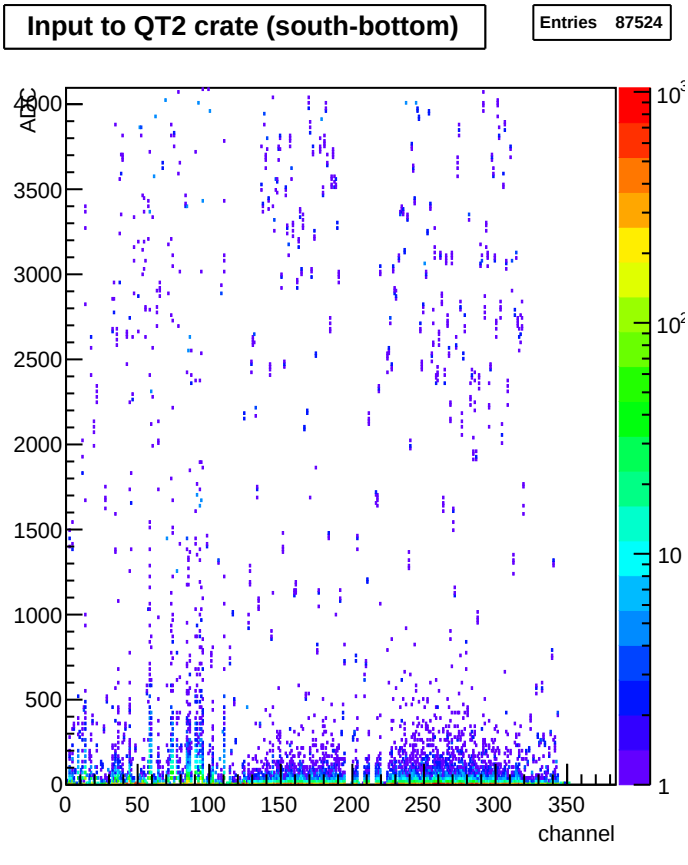

Entries 5781
ZDC East ADC Sum Att
ZDC West ADC Sum Att

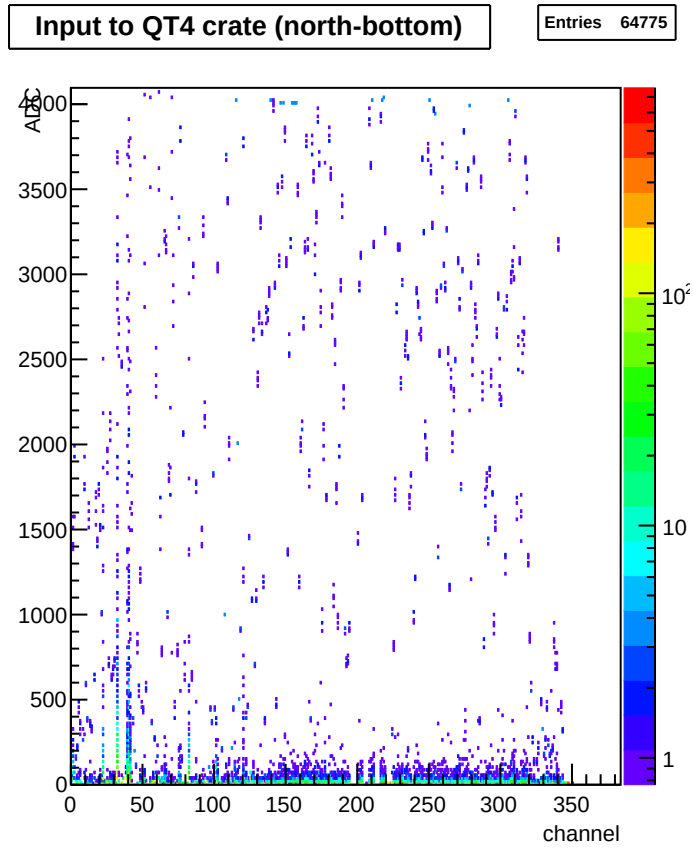

Entries 5781
VPD East ADC Sum
VPD West ADC Sum

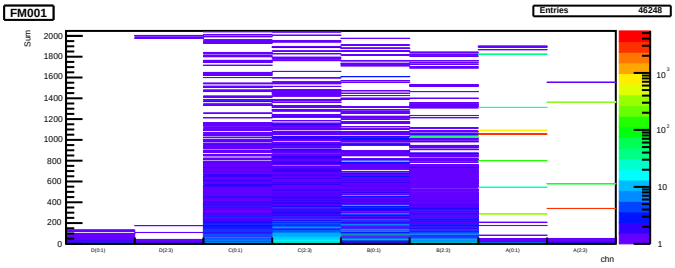

Entries 5781
BBC-S TAC Diff
ZDC TAC Diff

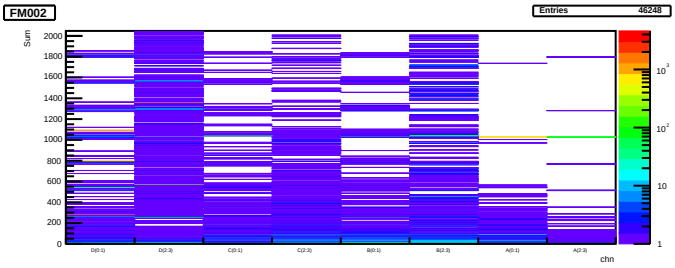

Input to QT1 crate (south-top)
Entries 78587
ADC
channel

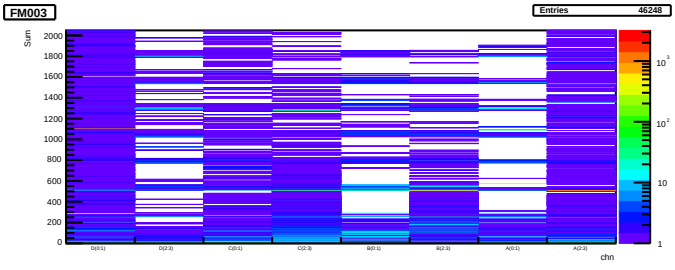

Input to QT3 crate (north-top)
Entries 69935
ADC
channel

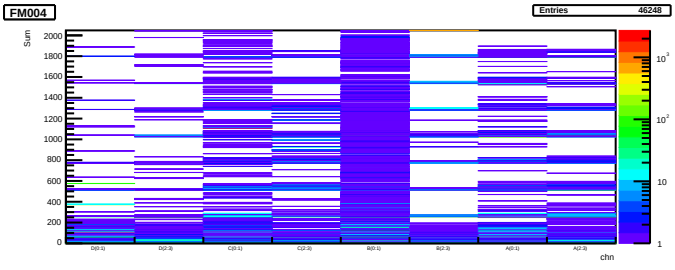

Input to QT2 crate (south-bottom)
Entries 87524
ADC
channel

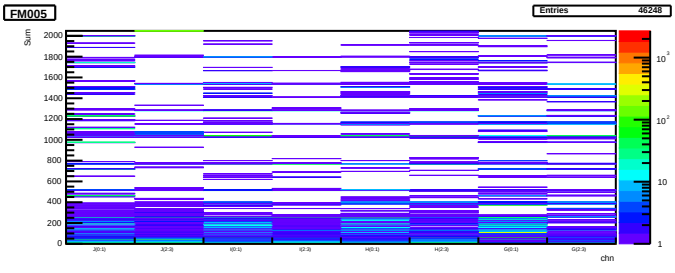

Input to QT4 crate (north-bottom)
Entries 64775
ADC
channel

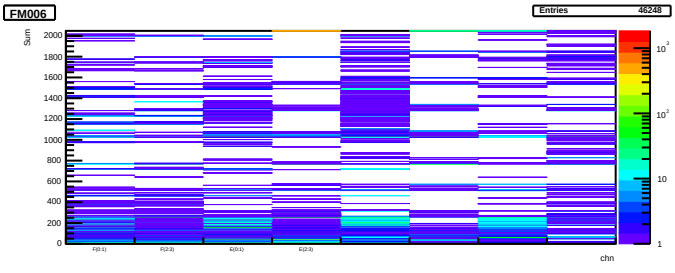

FM001
Entries 46248
Sum
chn

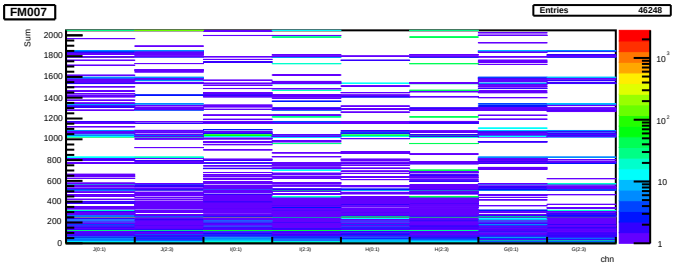

FM002
Entries 46248
Sum
chn

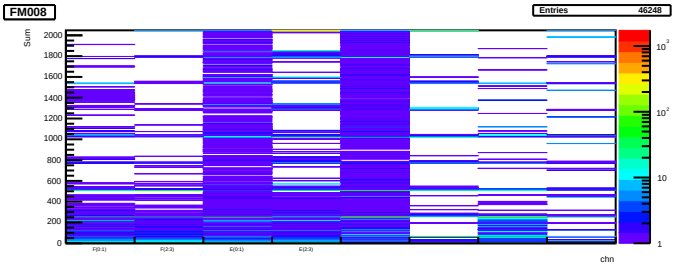

FM003
Entries 46248
Sum
chn

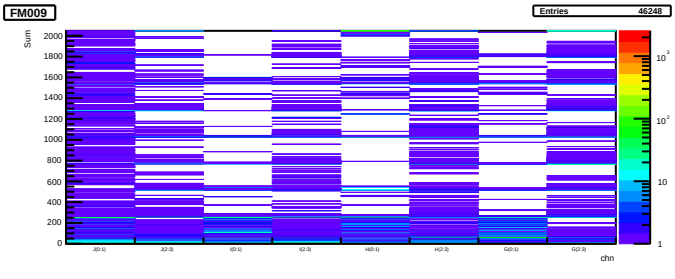

FM004
Entries 46248
Sum
chn

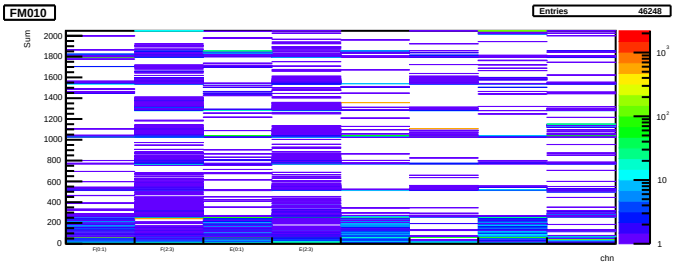

FM005
Entries 46248
Sum
chn

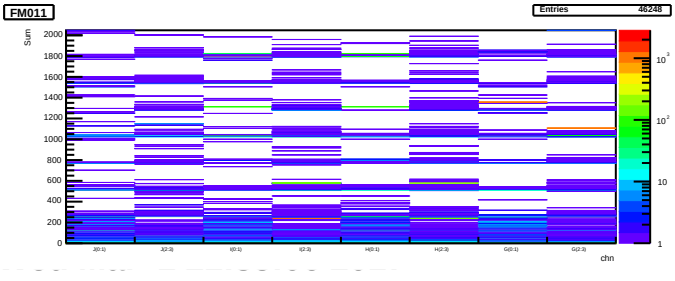

FM006
Entries 46248
Sum
chn

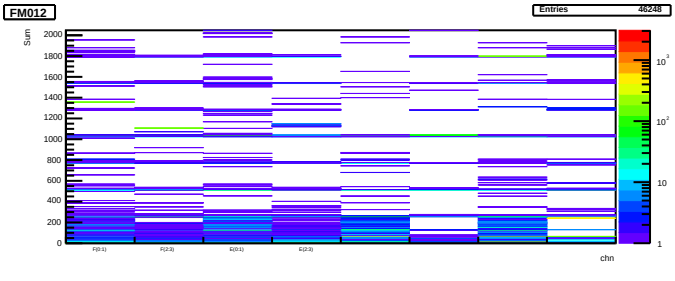

FM007
Entries 46248
Sum
chn

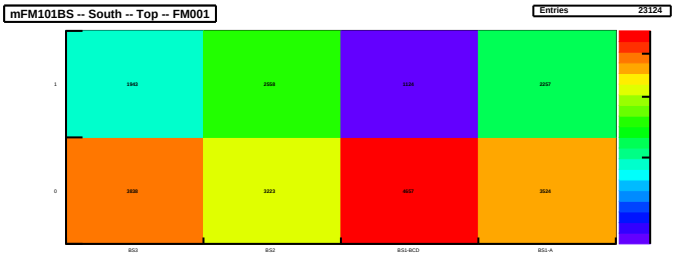

FM008
Entries 46248
Sum
chn

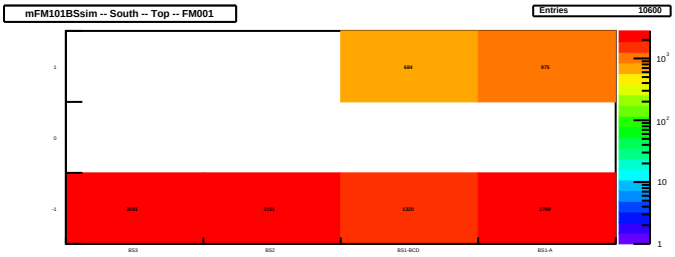

FM009
Entries 46248
Sum
chn

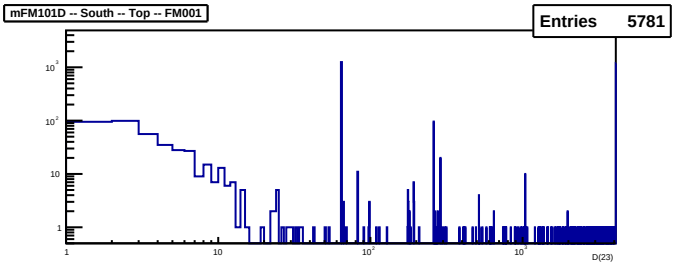

FM010
Entries 46248
Sum
chn

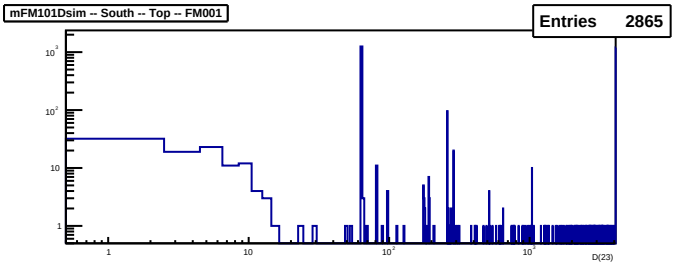

FM011
Entries 46248
Sum
chn


FM012
Entries 46248
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 23124


mFM101BSsim -- South -- Top -- FM001
Entries 10600


mFM101D -- South -- Top -- FM001
Entries 5781
D(23)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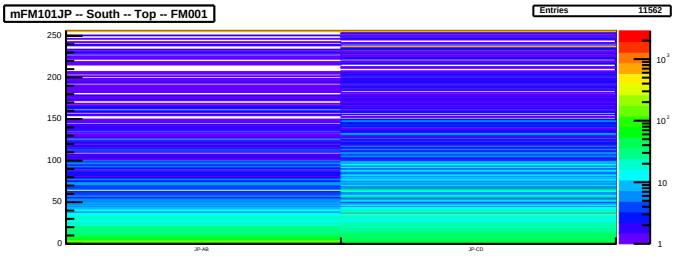
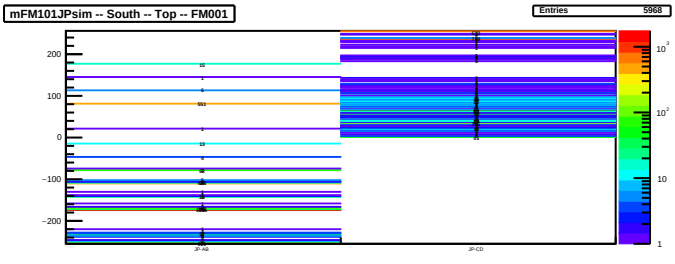
Entries 2865
D(23)


mFM101JP -- South -- Top -- FM001
Entries 11562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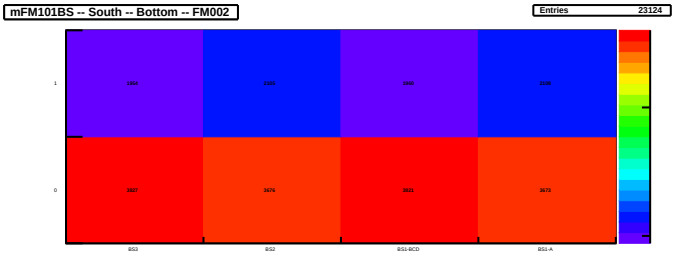
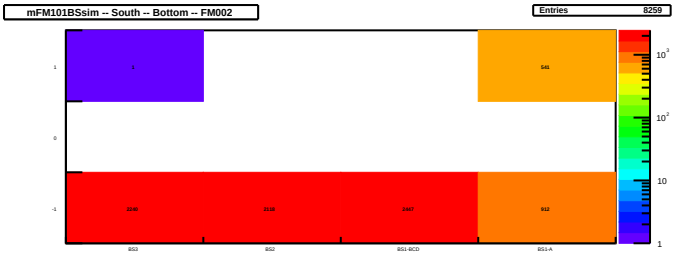
Entries 5968


mFM101BS -- South -- Bottom -- FM002
Entries 23124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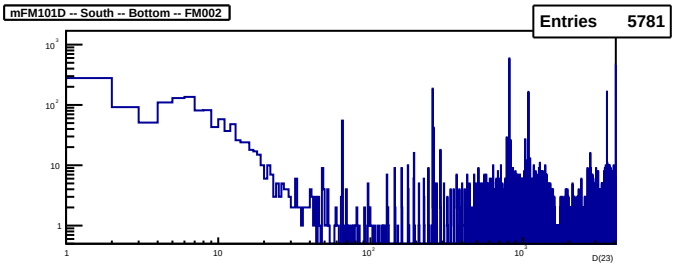
Entries 8259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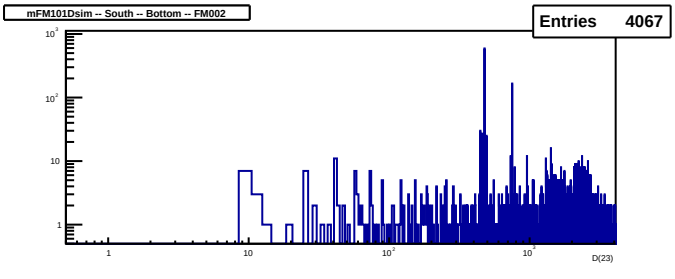
Entries 5781
D(23)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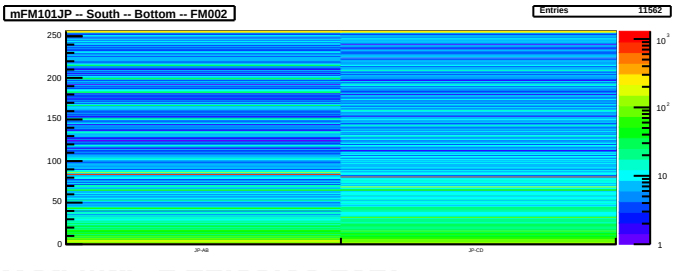
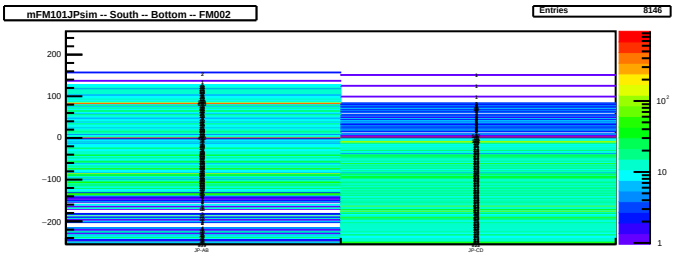
Entries 4067
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 11562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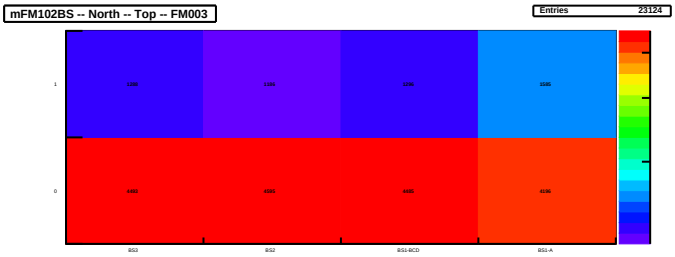
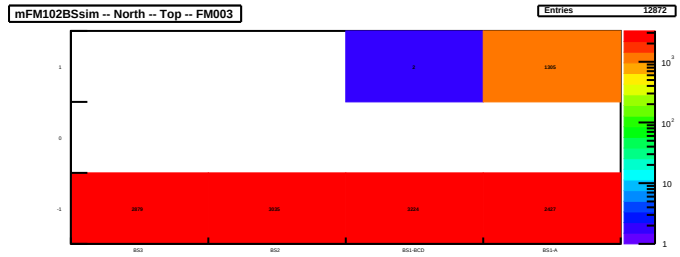
Entries 8146


mFM102BS -- North -- Top -- FM003
Entries 23124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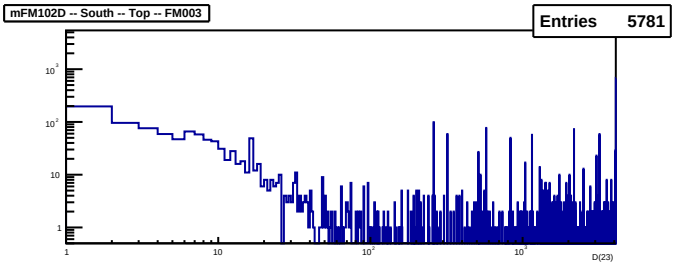
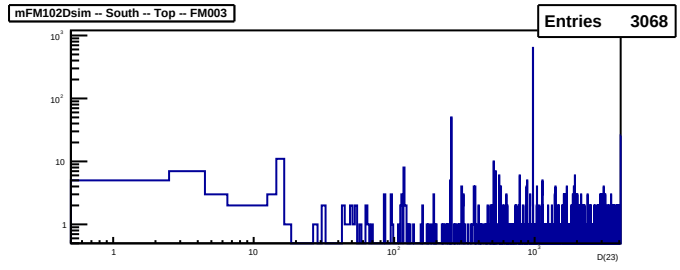
Entries 12872


mFM102D -- South -- Top -- FM003
Entries 5781
D(23)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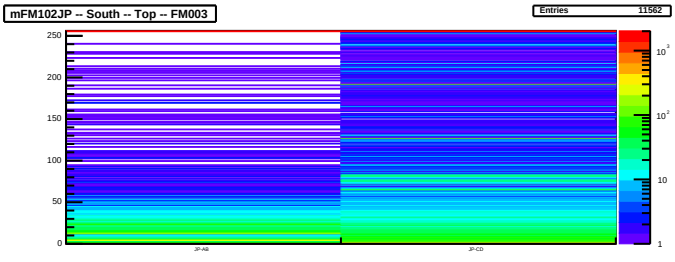
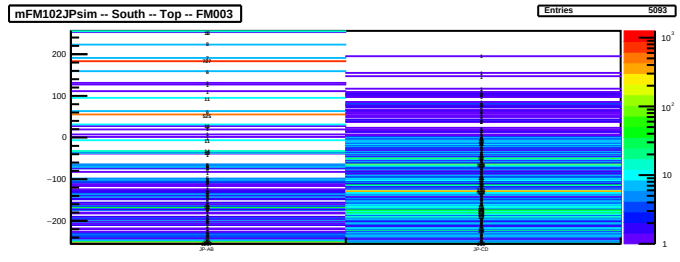
Entries 3068
D(23)


mFM102JP -- South -- Top -- FM003
Entries 11562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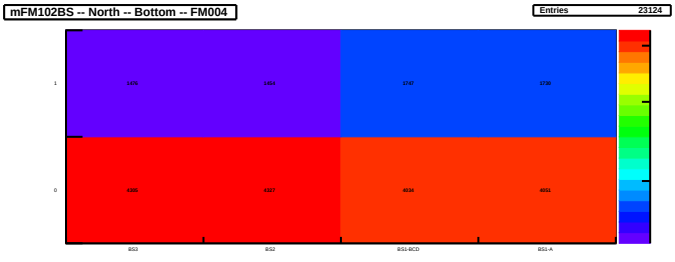
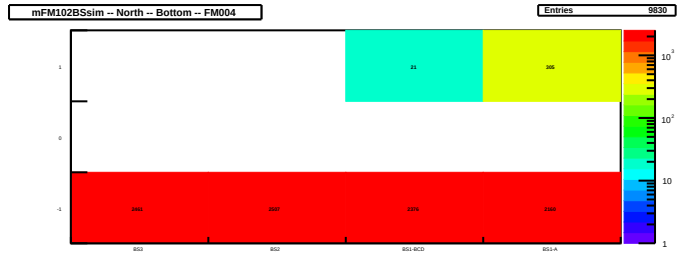
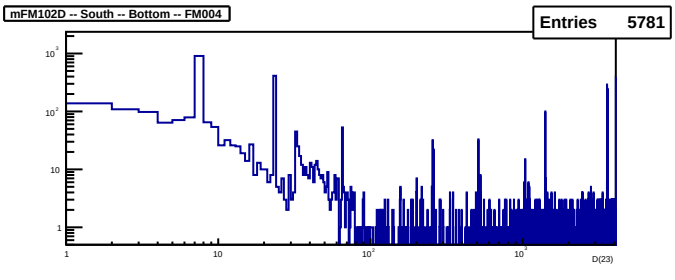
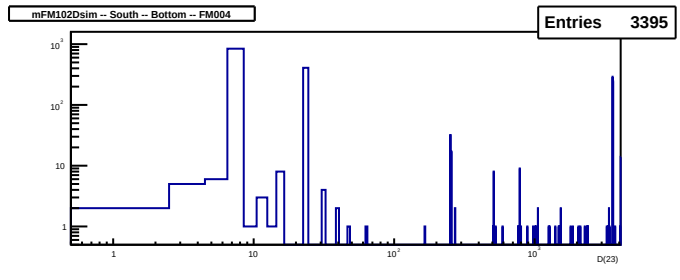
Entries 5093


mFM102BS -- North -- Bottom -- FM004
Entries 23124


mFM102BSsim -- North -- Bottom -- FM004
Entries 9830


mFM102D -- South -- Bottom -- FM004
Entries 5781
D(23)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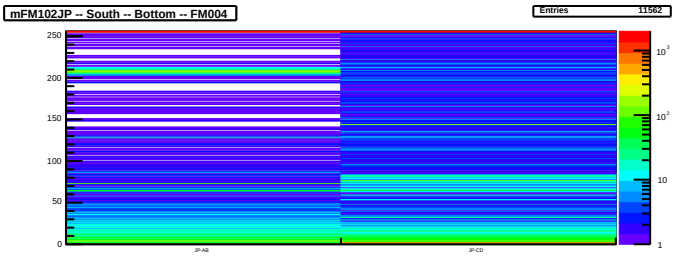
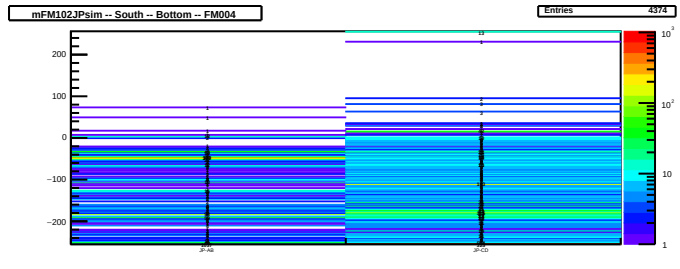
Entries 3395
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 11562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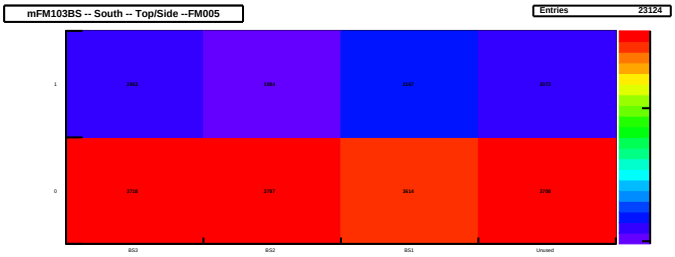
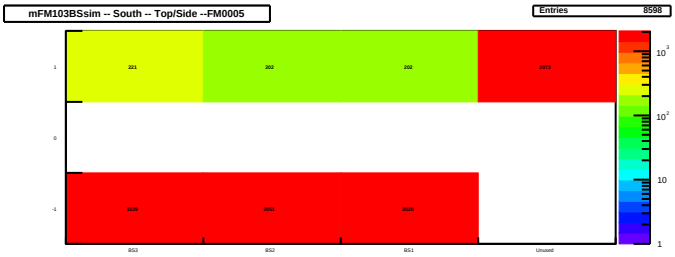
Entries 4374


mFM103BS -- South -- Top/Side --FM005
Entries 23124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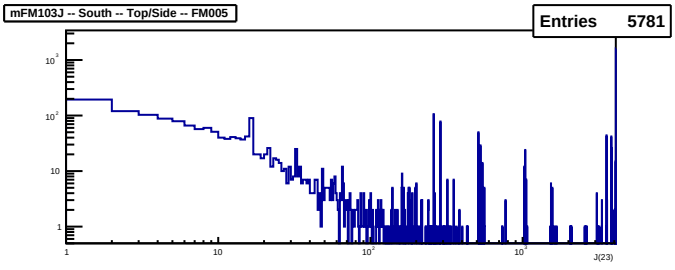
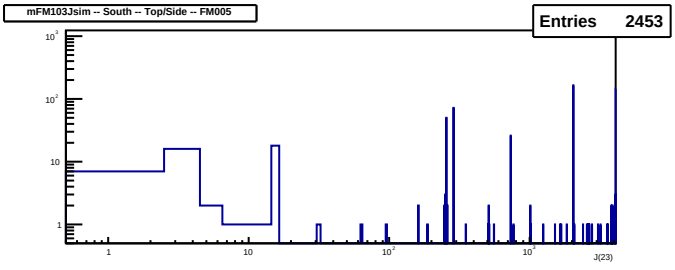
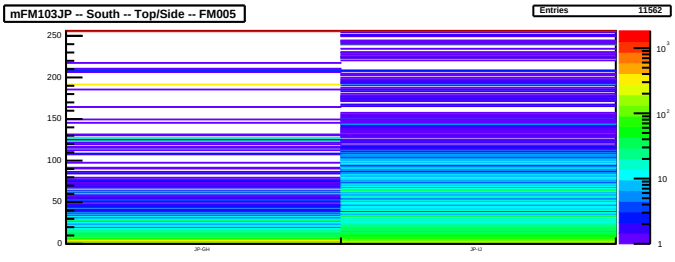
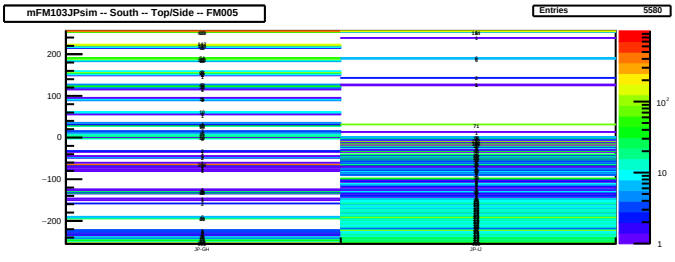
Entries 8598

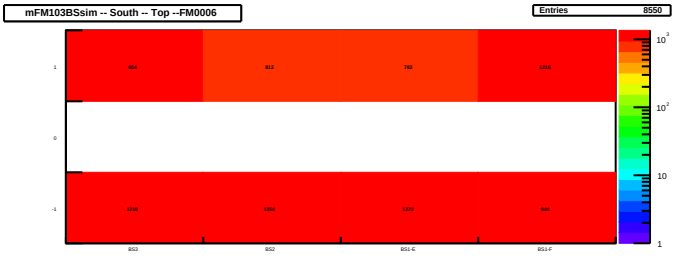

mFM103J -- South -- Top/Side -- FM005
Entries 5781
J(23)

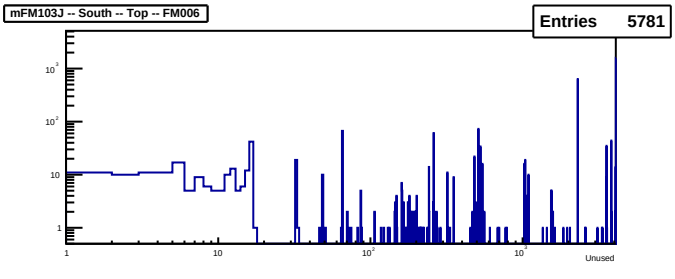

mFM103Jsim -- South -- Top/Side -- FM005
Entries 2453
J(23)

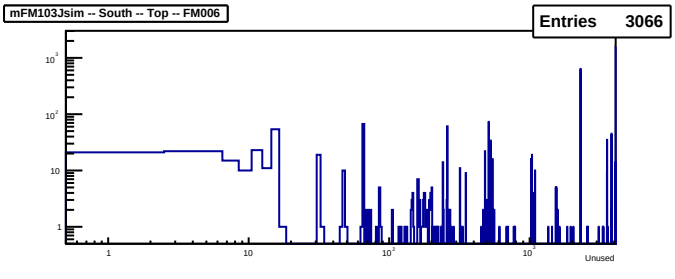

mFM103JP -- South -- Top/Side -- FM005
Entries 11562

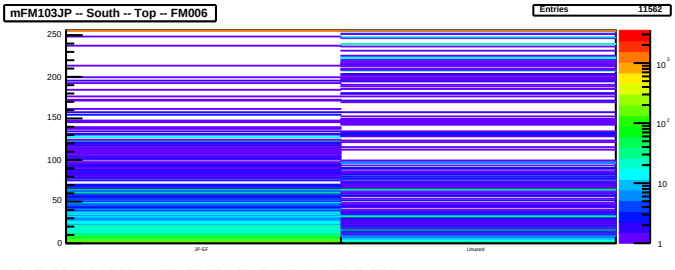

mFM103JPsim -- South -- Top/Side -- FM005
Entries 5580

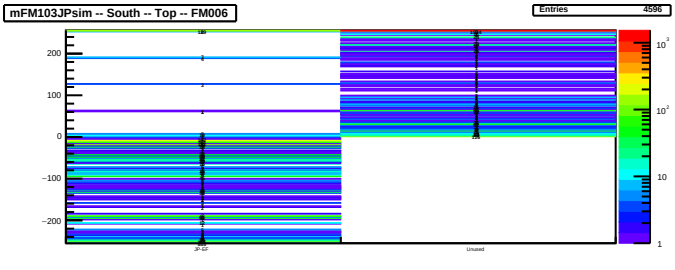
mFM103BS -- South -- Top --FM006
Entries 23124

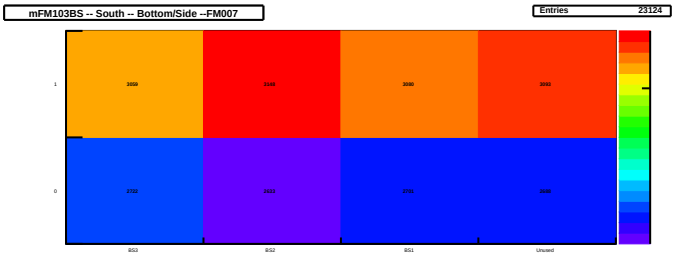

mFM103BSsim -- South -- Top --FM0006
Entries 8550

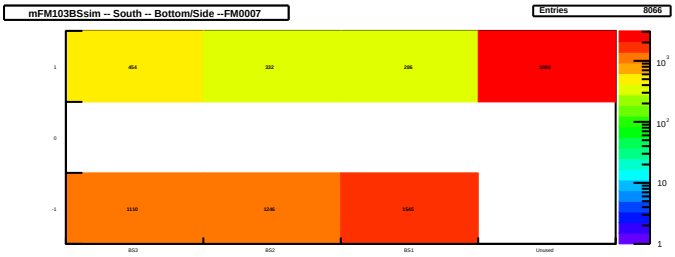

mFM103J -- South -- Top -- FM006
Entries 5781
Unused


mFM103Jsim -- South -- Top -- FM006
Entries 3066
Unused


mFM103JP -- South -- Top -- FM006
Entries 11562


mFM103JPsim -- South -- Top -- FM006
Entries 4596


mFM103BS -- South -- Bottom/Side --FM007
Entries 23124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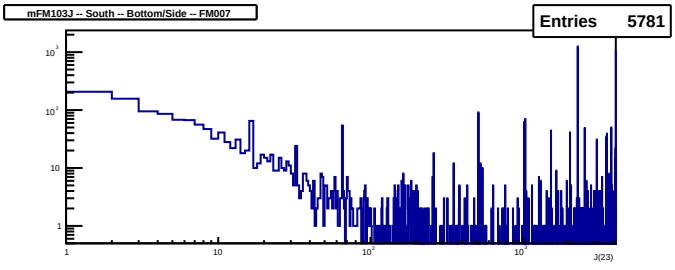
Entries 8066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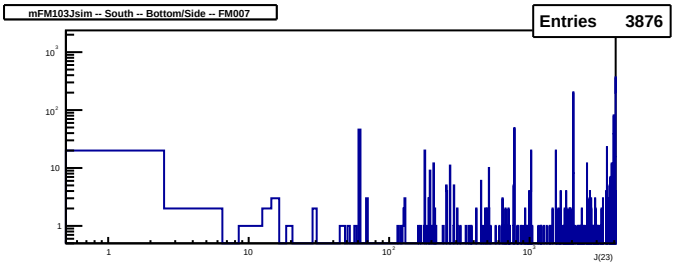
Entries 5781
J(23)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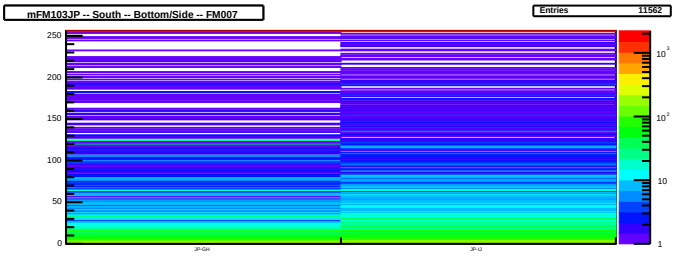
Entries 3876
J(23)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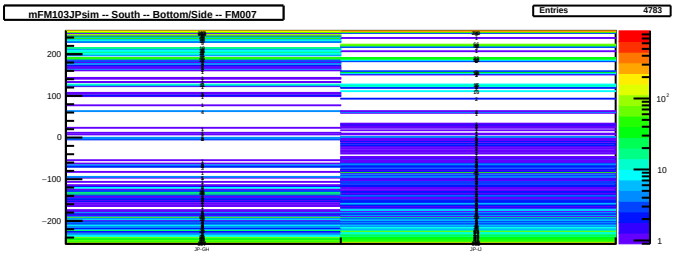
Entries 11562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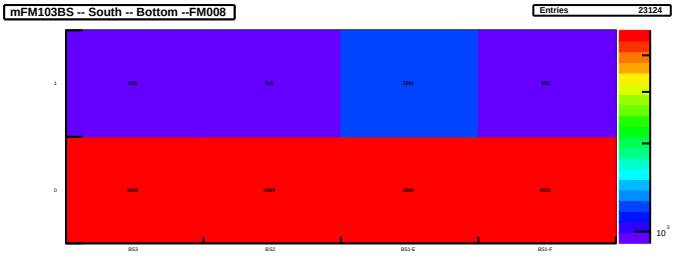
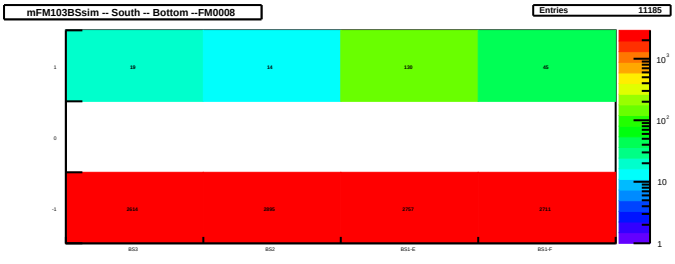

mFM103BS -- South -- Bottom --FM008
Entries 23124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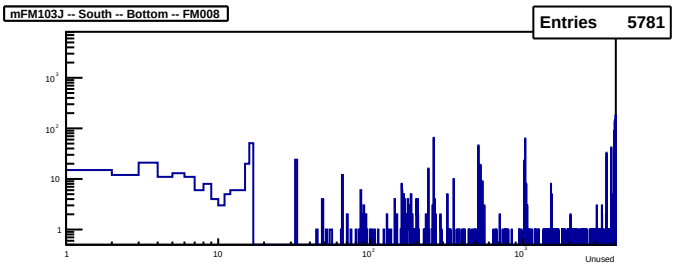
Entries 11185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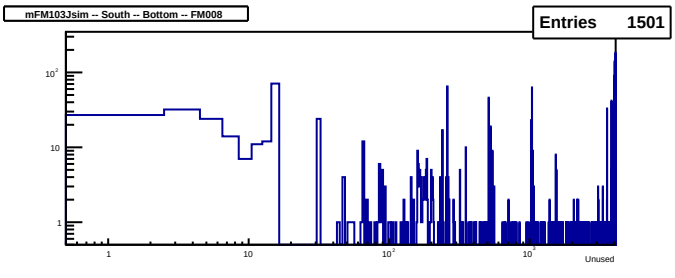
Entries 5781
Unused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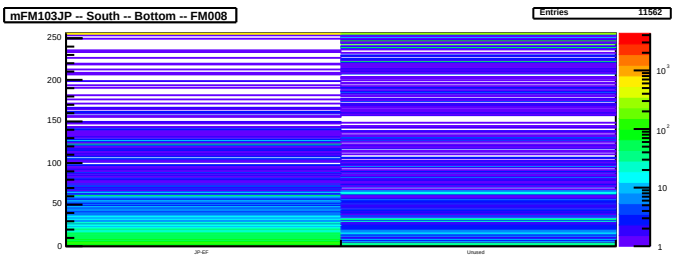
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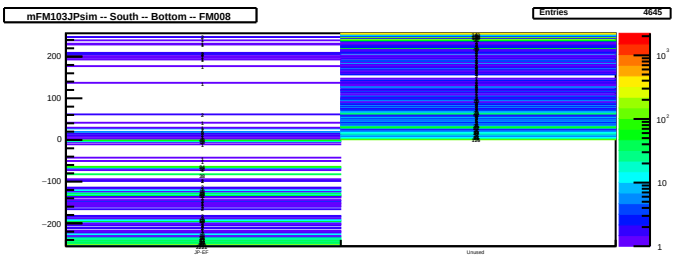
Entries 11562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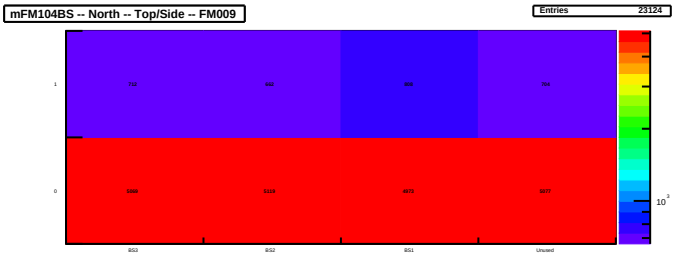
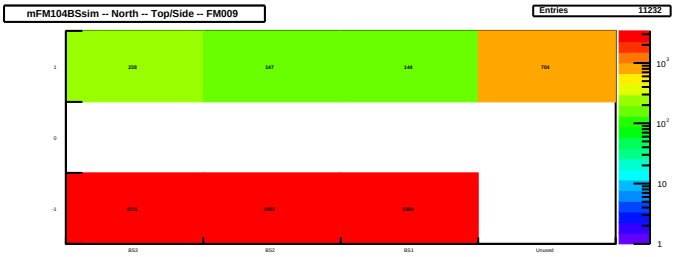
Entries 4645


mFM104BS -- North -- Top/Side -- FM009
Entries 23124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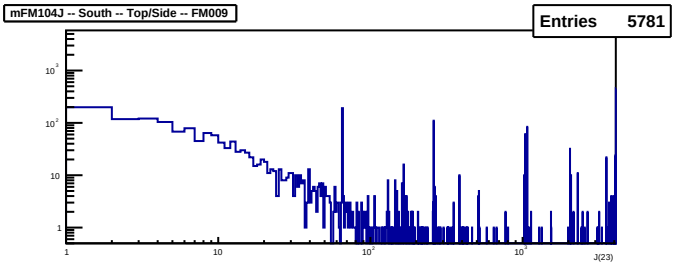
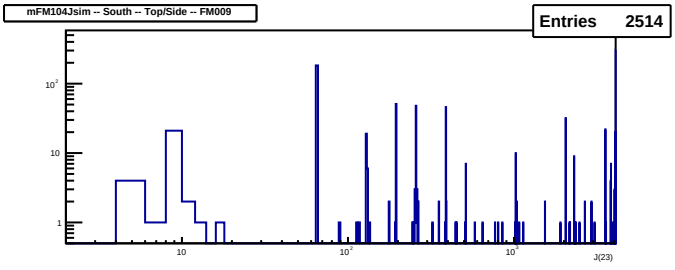
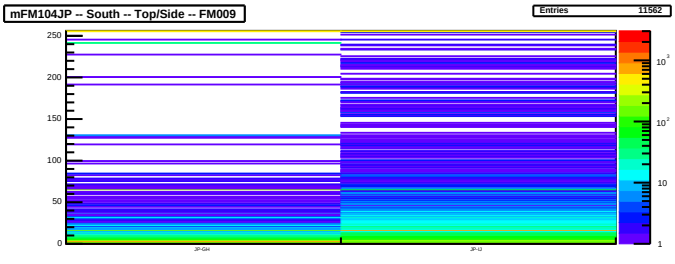
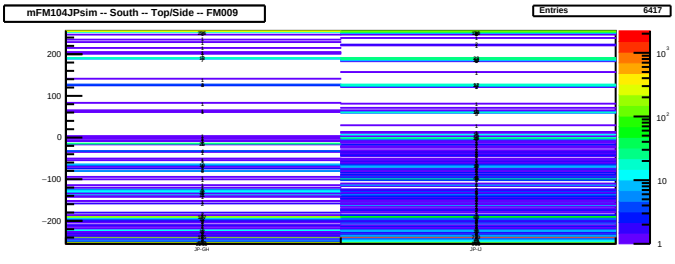

mFM104J -- South -- Top/Side -- FM009
Entries 5781
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 2514
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 11562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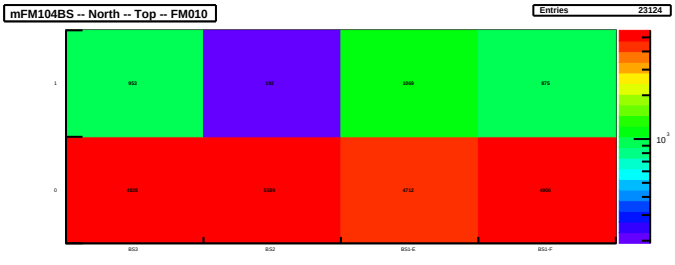
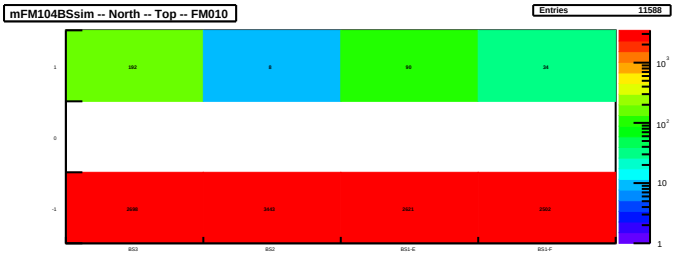

mFM104BS -- North -- Top -- FM010
Entries 23124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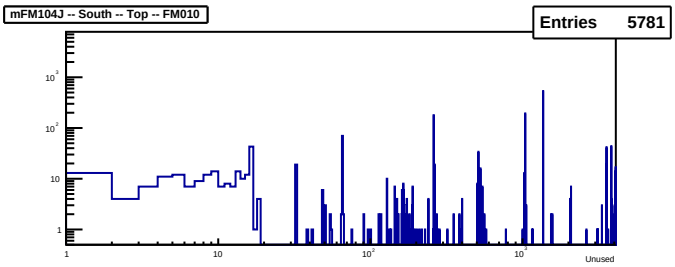
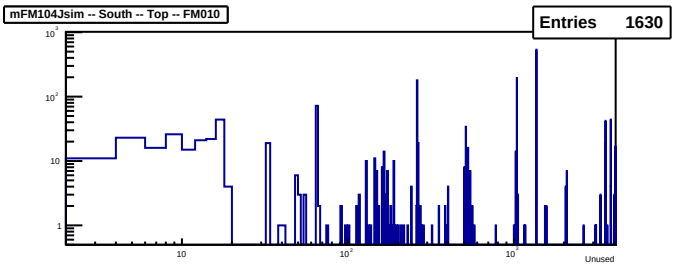
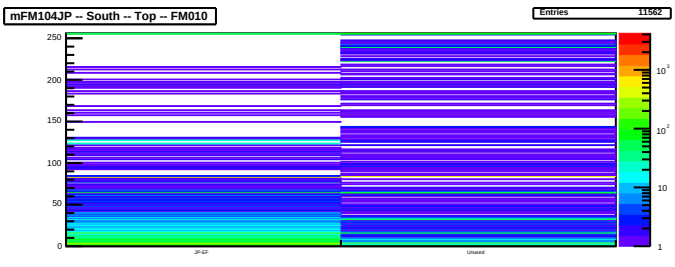
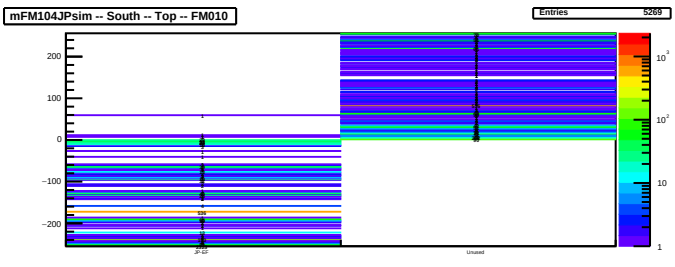
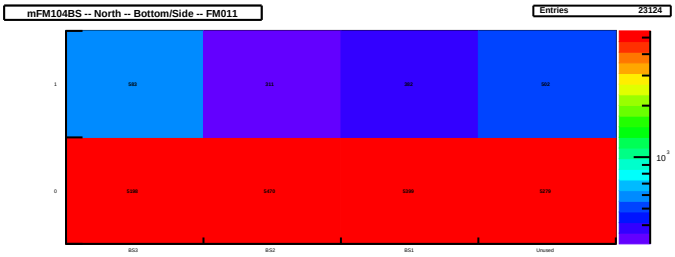
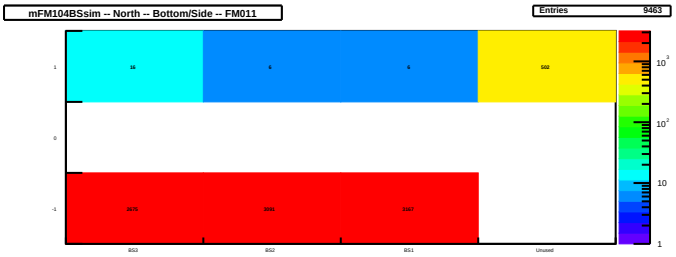

mFM104J -- South -- Top -- FM010
Entries 5781
Unused

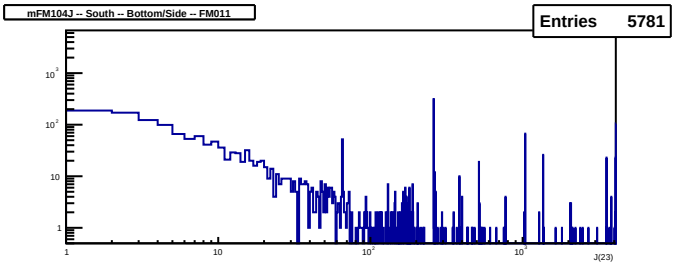

mFM104Jsim -- South -- Top -- FM010
Entries 1630
Unused

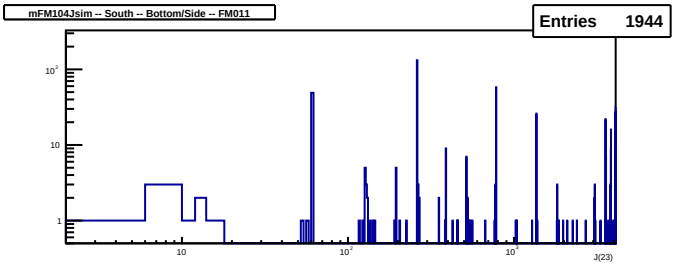

mFM104JP -- South -- Top -- FM010
Entries 11562

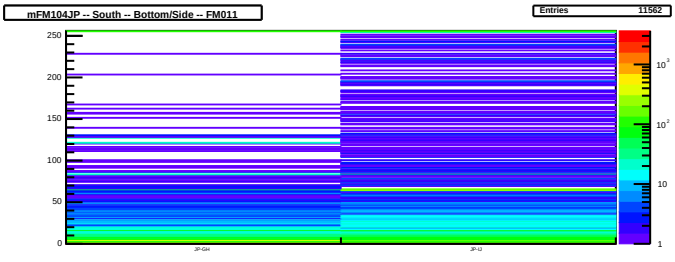

mFM104JPsim -- South -- Top -- FM010
Entries 5269

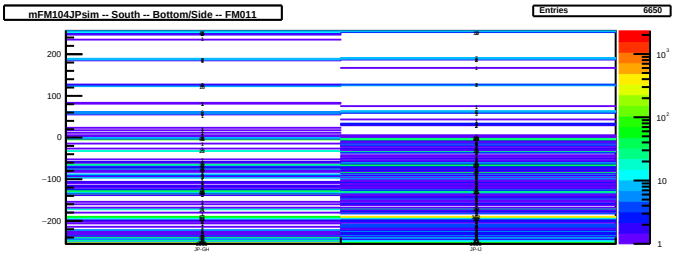

mFM104BS -- North -- Bottom/Side -- FM011
Entries 23124

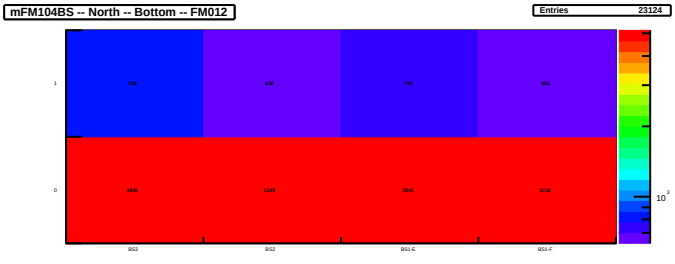

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 9463

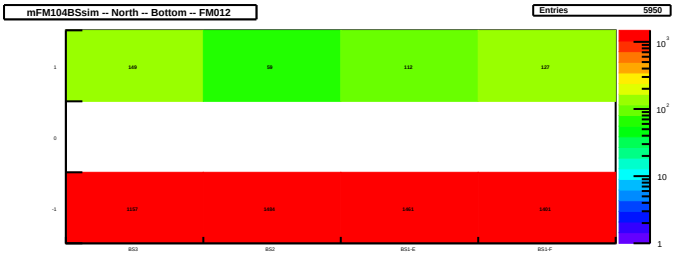

mFM104J -- South -- Bottom/Side -- FM011
Entries 5781
J(23)

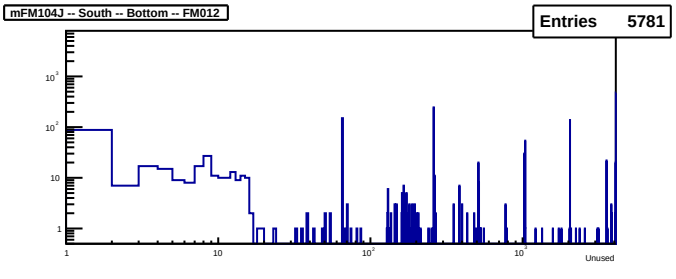

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1944
J(23)

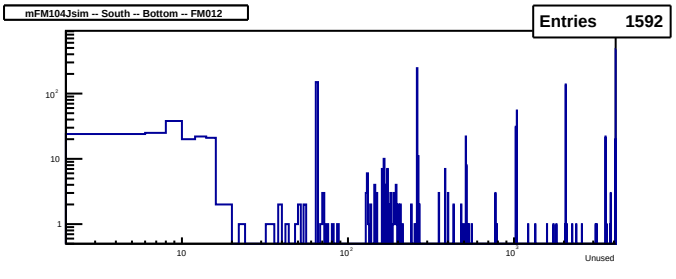

mFM104JP -- South -- Bottom/Side -- FM011
Entries 11562

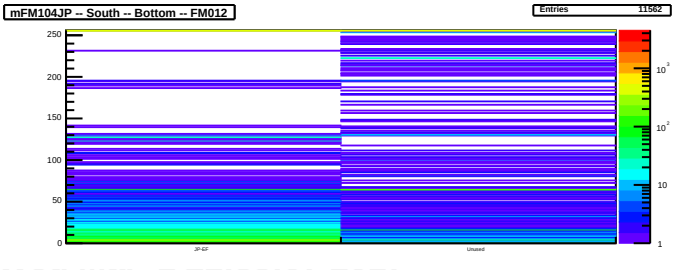

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 6650

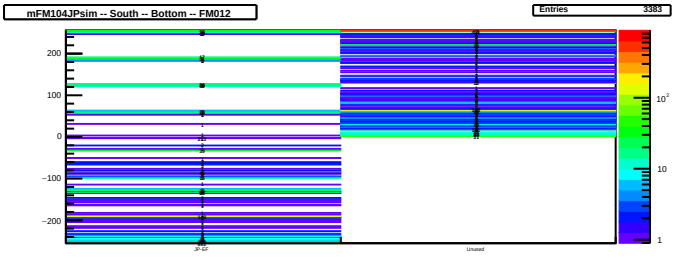

mFM104BS -- North -- Bottom -- FM012
Entries 23124

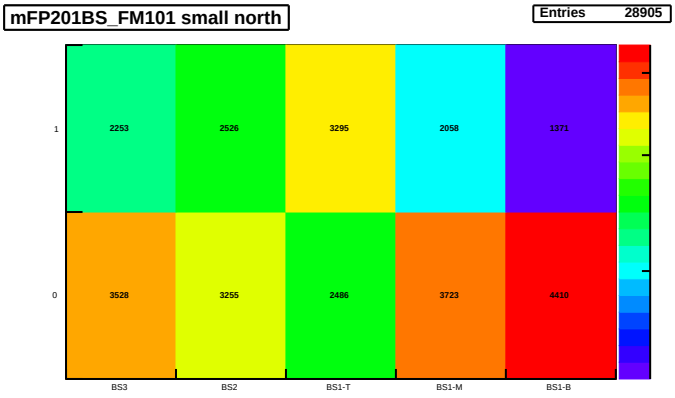

mFM104BSsim -- North -- Bottom -- FM012
Entries 5950

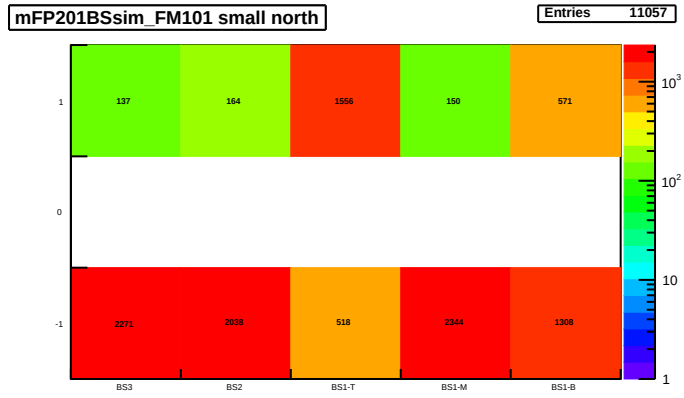

mFM104J -- South -- Bottom -- FM012
Entries 5781
Unused

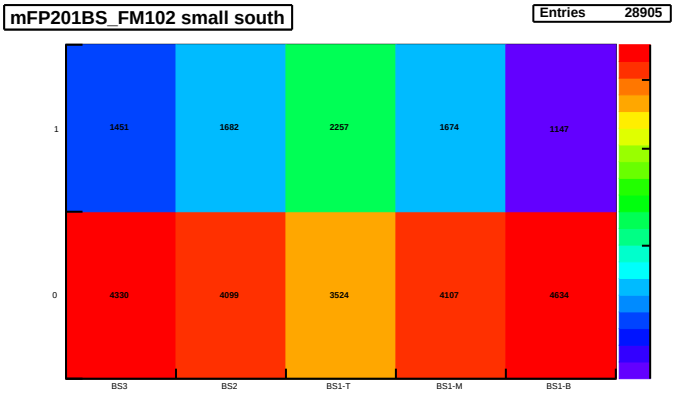

mFM104Jsim -- South -- Bottom -- FM012
Entries 1592
Unused

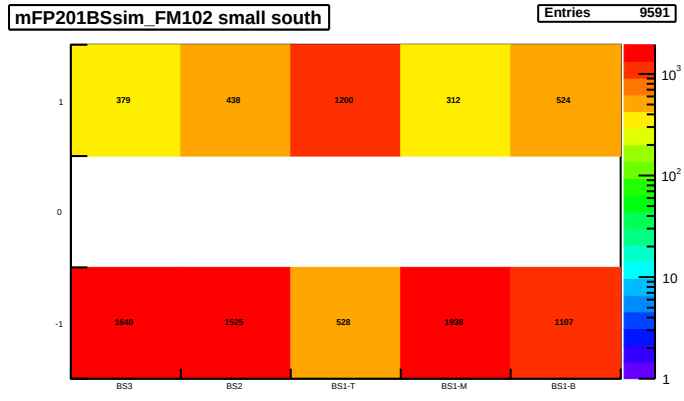

mFM104JP -- South -- Bottom -- FM012
Entries 11562

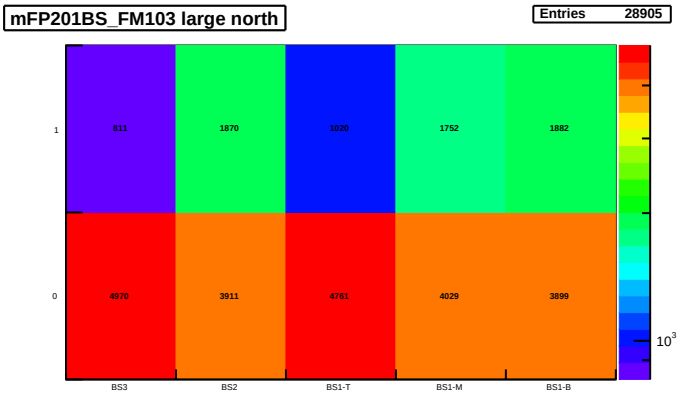

mFM104JPsim -- South -- Bottom -- FM012
Entries 3383

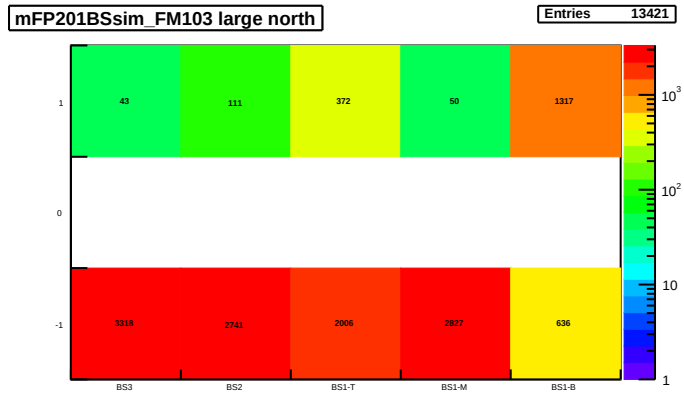

mFP201BS_FM101 small north
Entries 28905
2253 2526 3295 2058 1371
3528 3255 2486 3723 4410
1 0
BS3 BS2 BS1-T BS1-M BS1-B

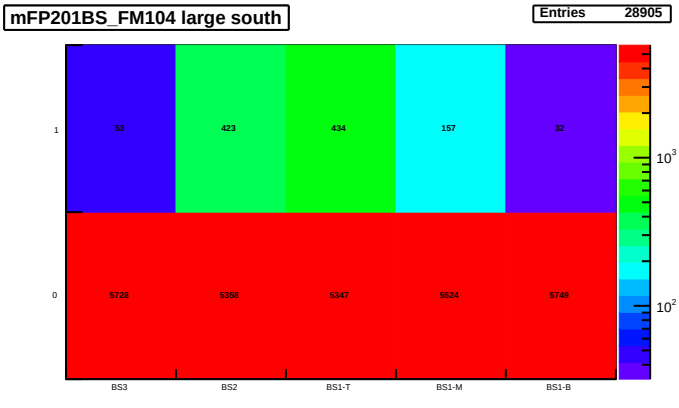

mFP201BSsim_FM101 small north
Entries 11057
137 164 1556 150 571
2271 2038 518 2344 1308
1 0 -1
BS3 BS2 BS1-T BS1-M BS1-B
10^3
10^2
10
1

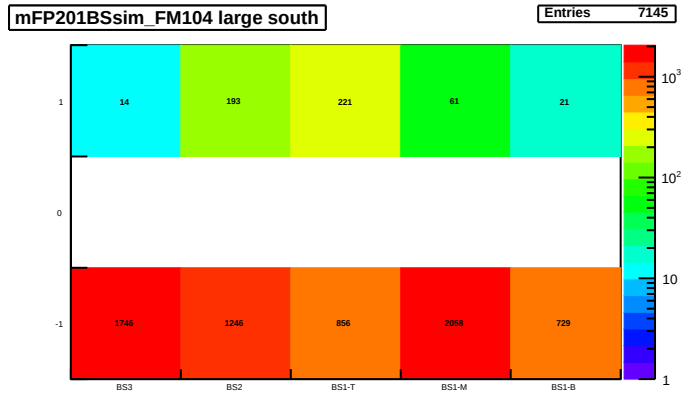

mFP201BS_FM102 small south
Entries 28905
1451 1682 2257 1674 1147
4330 4099 3524 4107 4634
1 0
BS3 BS2 BS1-T BS1-M BS1-B

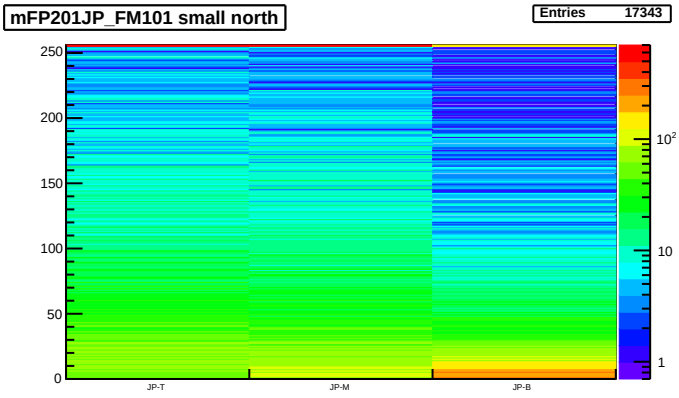

mFP201BSsim_FM102 small south
Entries 9591
379 438 1200 312 524
1640 1525 528 1938 1107
1 0 -1
BS3 BS2 BS1-T BS1-M BS1-B
10^3
10^2
10
1

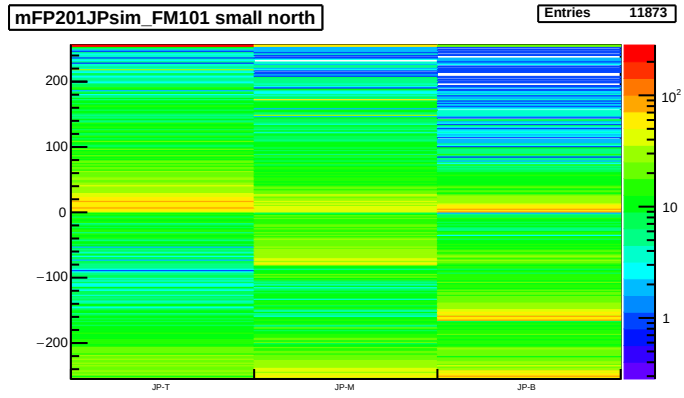

mFP201BS_FM103 large north
Entries 28905
811 1870 1020 1752 1882
4970 3911 4761 4029 3899
1 0
BS3 BS2 BS1-T BS1-M BS1-B
10^3

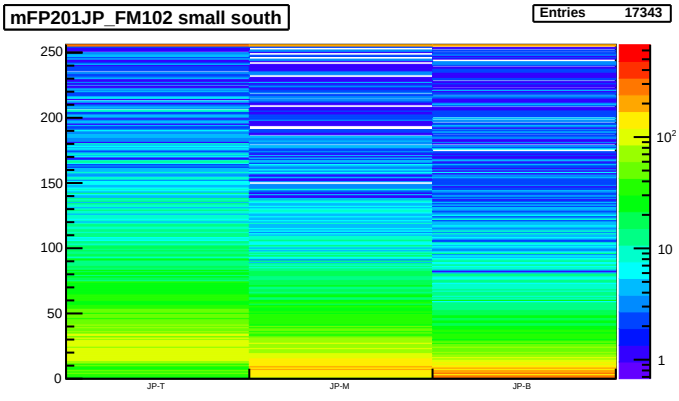

mFP201BSsim_FM103 large north
Entries 13421
43 111 372 50 1317
3318 2741 2006 2827 636
1 0 -1
BS3 BS2 BS1-T BS1-M BS1-B
10^3
10^2
10
1

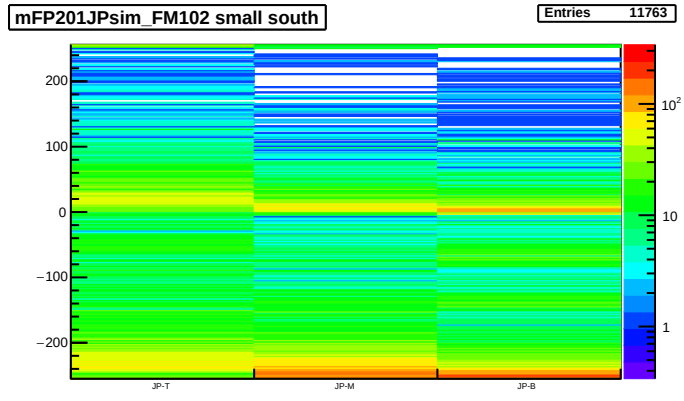

mFP201BS_FM104 large south
Entries 28905
53 423 434 157 32
5728 5358 5347 5624 5749
1 0
BS3 BS2 BS1-T BS1-M BS1-B
10^3
10^2

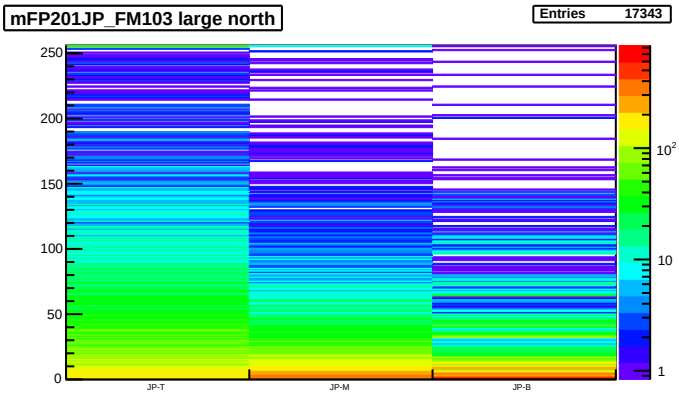

mFP201BSsim_FM104 large south
Entries 7145
14 193 221 61 21
1746 1246 856 2058 729
1 0 -1
BS3 BS2 BS1-T BS1-M BS1-B
10^3
10^2
10
1

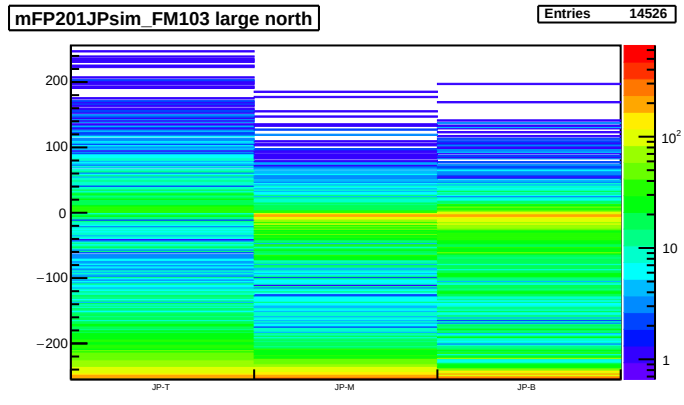

mFP201JP_FM101 small north
Entries 17343
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

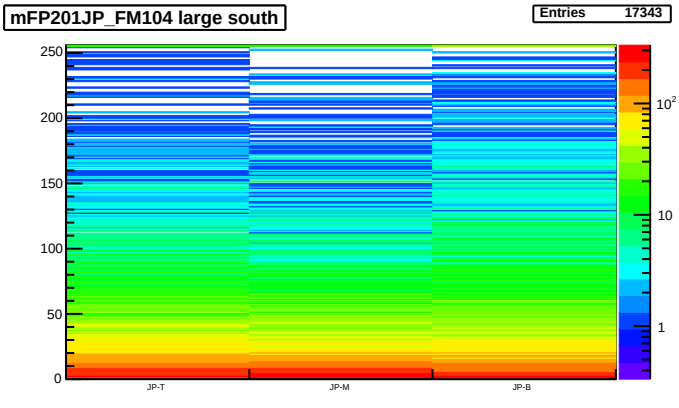

mFP201JPsim_FM101 small north
Entries 11873
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^2
10
1

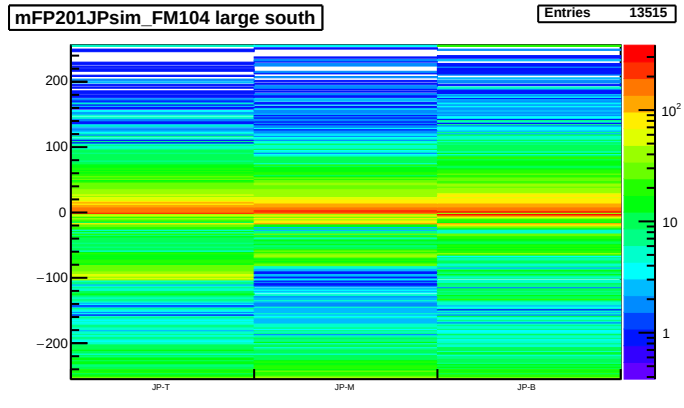

mFP201JP_FM102 small south
Entries 17343
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

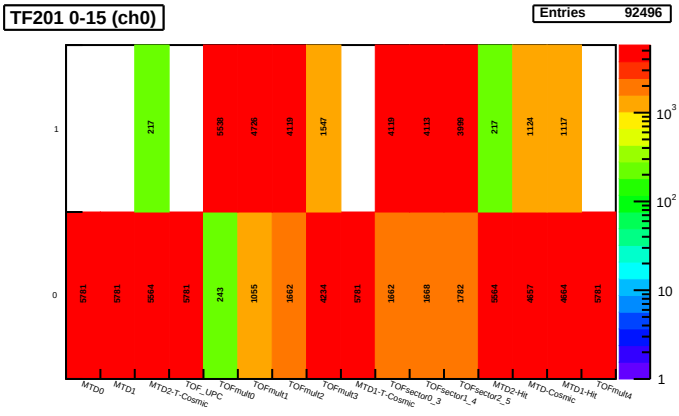

mFP201JPsim_FM102 small south
Entries 11763
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^2
10
1

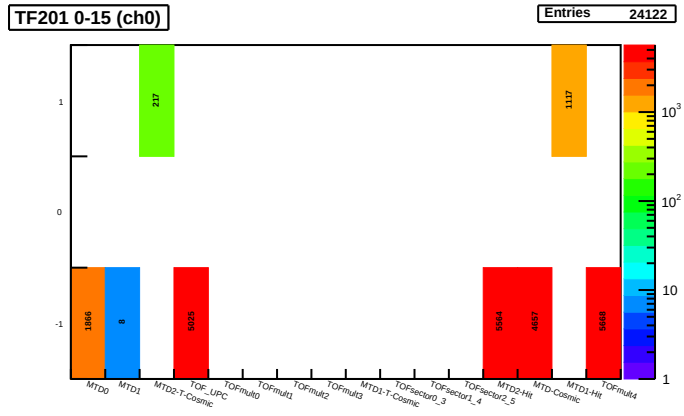

mFP201JP_FM103 large north
Entries 17343
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

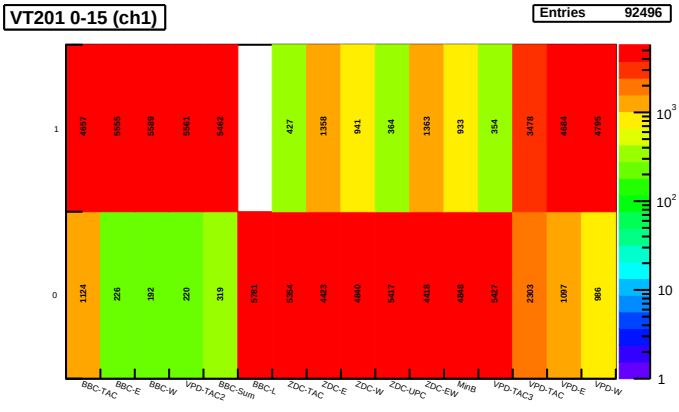

mFP201JPsim_FM103 large north
Entries 14526
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^2
10
1

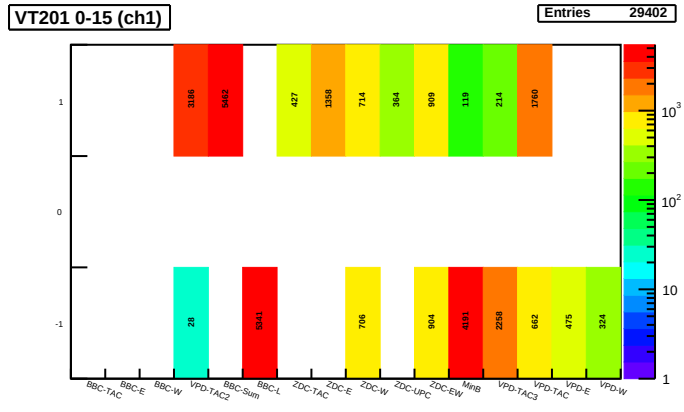

mFP201JP_FM104 large south
Entries 17343
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

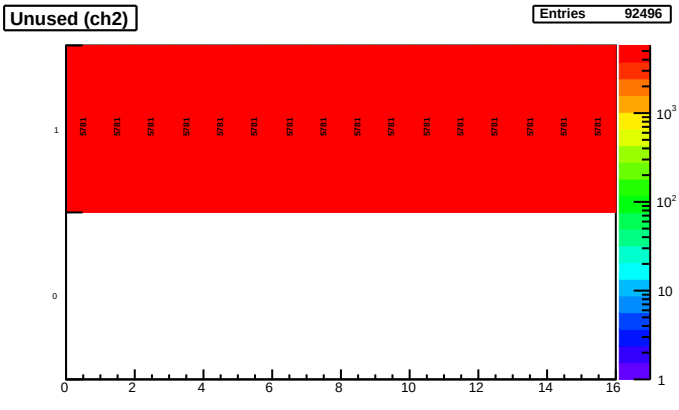

mFP201JPsim_FM104 large south
Entries 13515
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^2
10
1

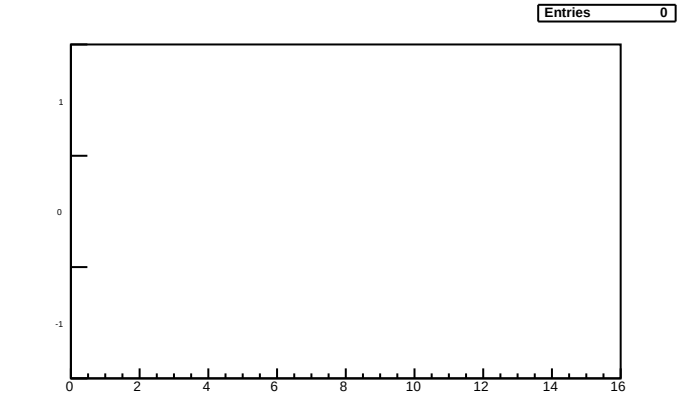

TF201 0-15 (ch0)
Entries 92496
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

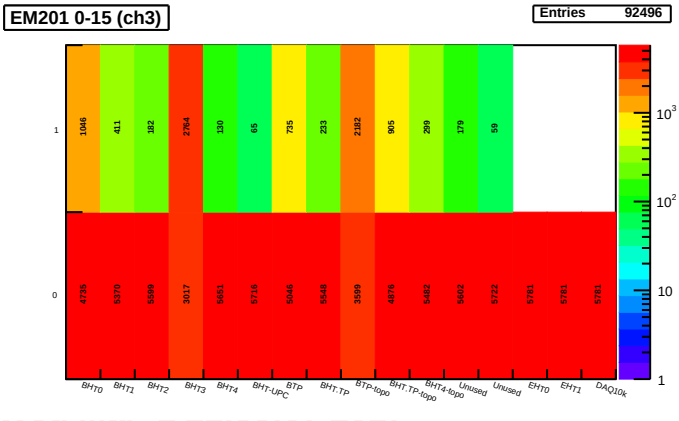

TF201 0-15 (ch0)
Entries 24122
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

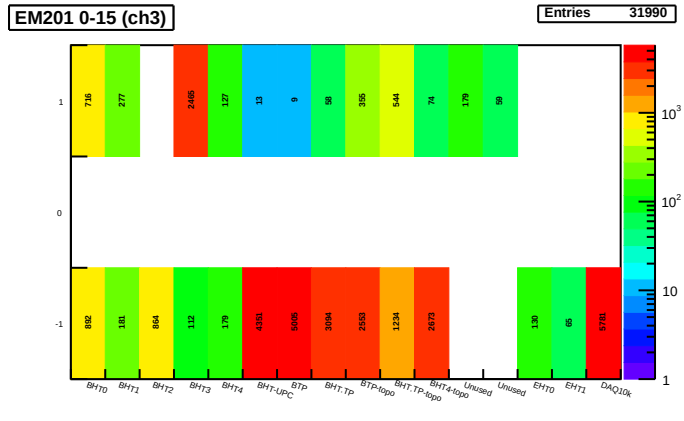

VT201 0-15 (ch1)
Entries 92496
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

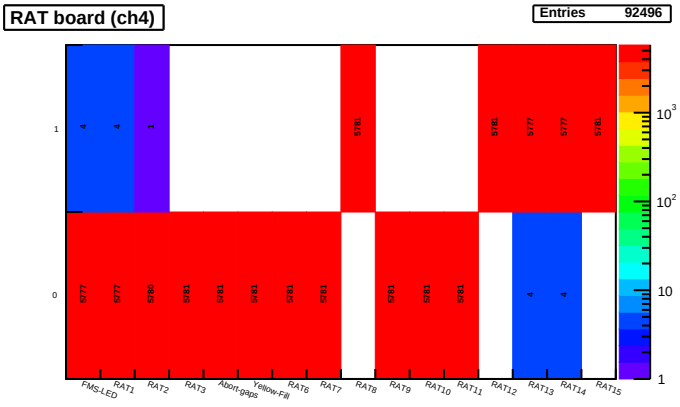

VT201 0-15 (ch1)
Entries 29402
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

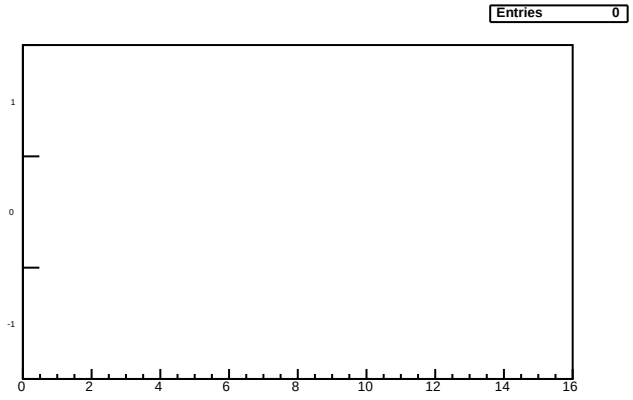

Unused (ch2)
Entries 92496

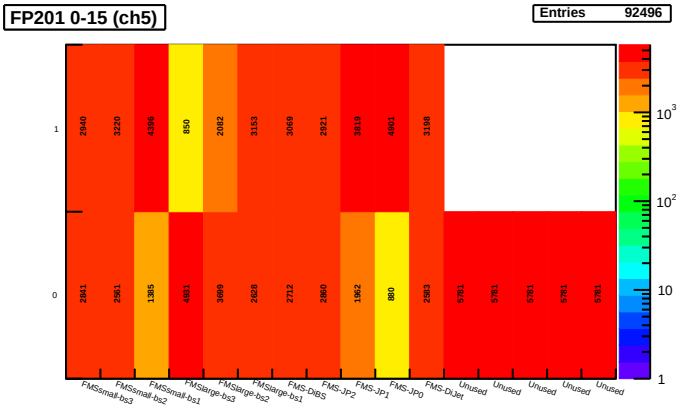

Entries 0

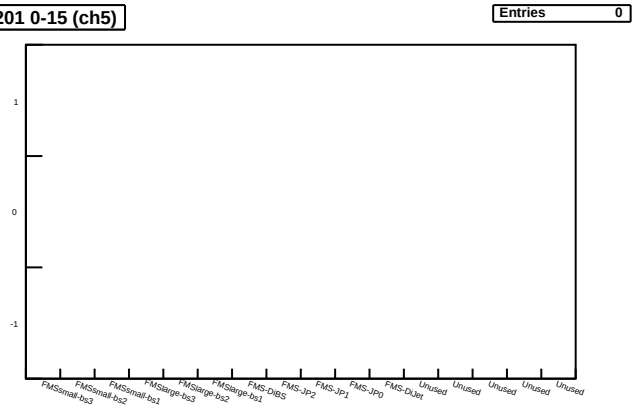

EM201 0-15 (ch3)
Entries 92496
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

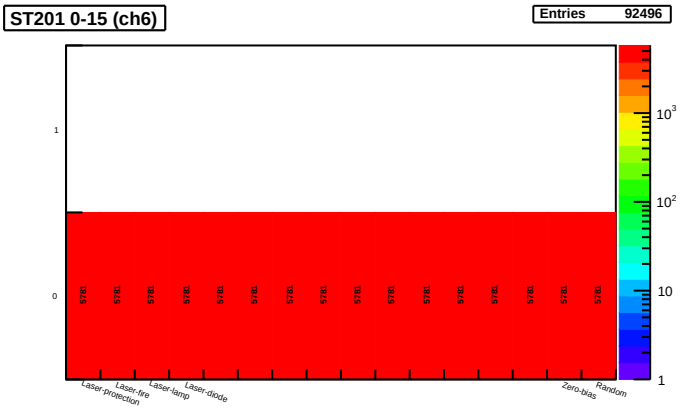

EM201 0-15 (ch3)
Entries 31990
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

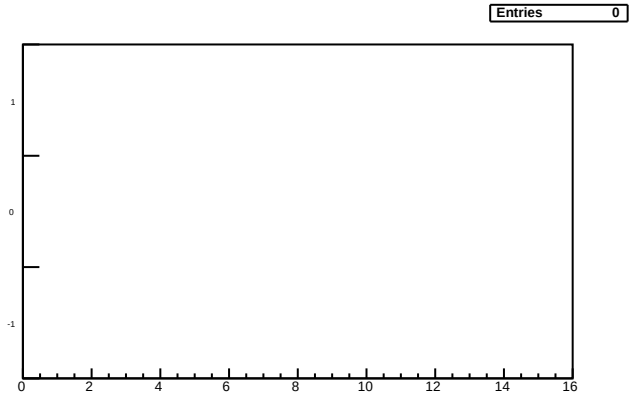

RAT board (ch4)
Entries 92496
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

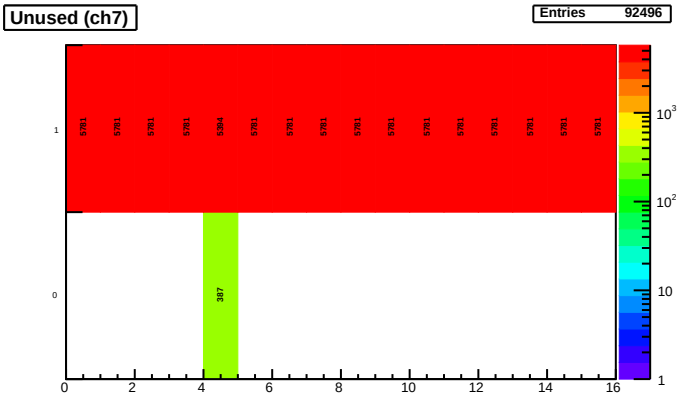

Entries 0


FP201 0-15 (ch5)
Entries 92496
FMSsmall-bs3
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)
Entries 0
FMSsmall-bs3
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


ST201 0-15 (ch6)
Entries 92496
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0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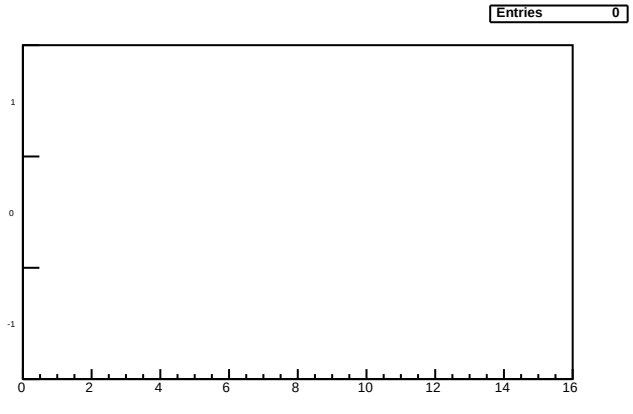
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