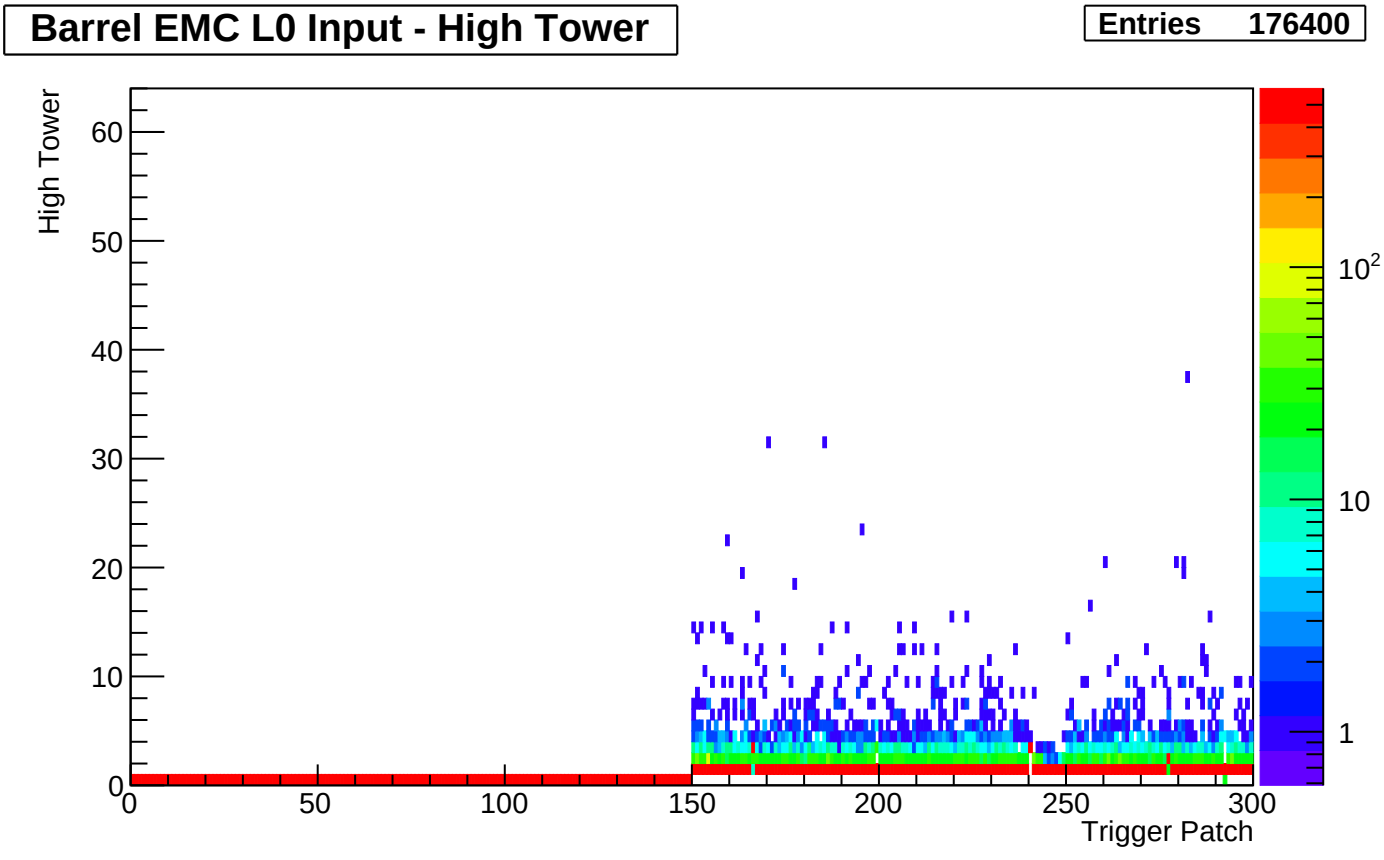
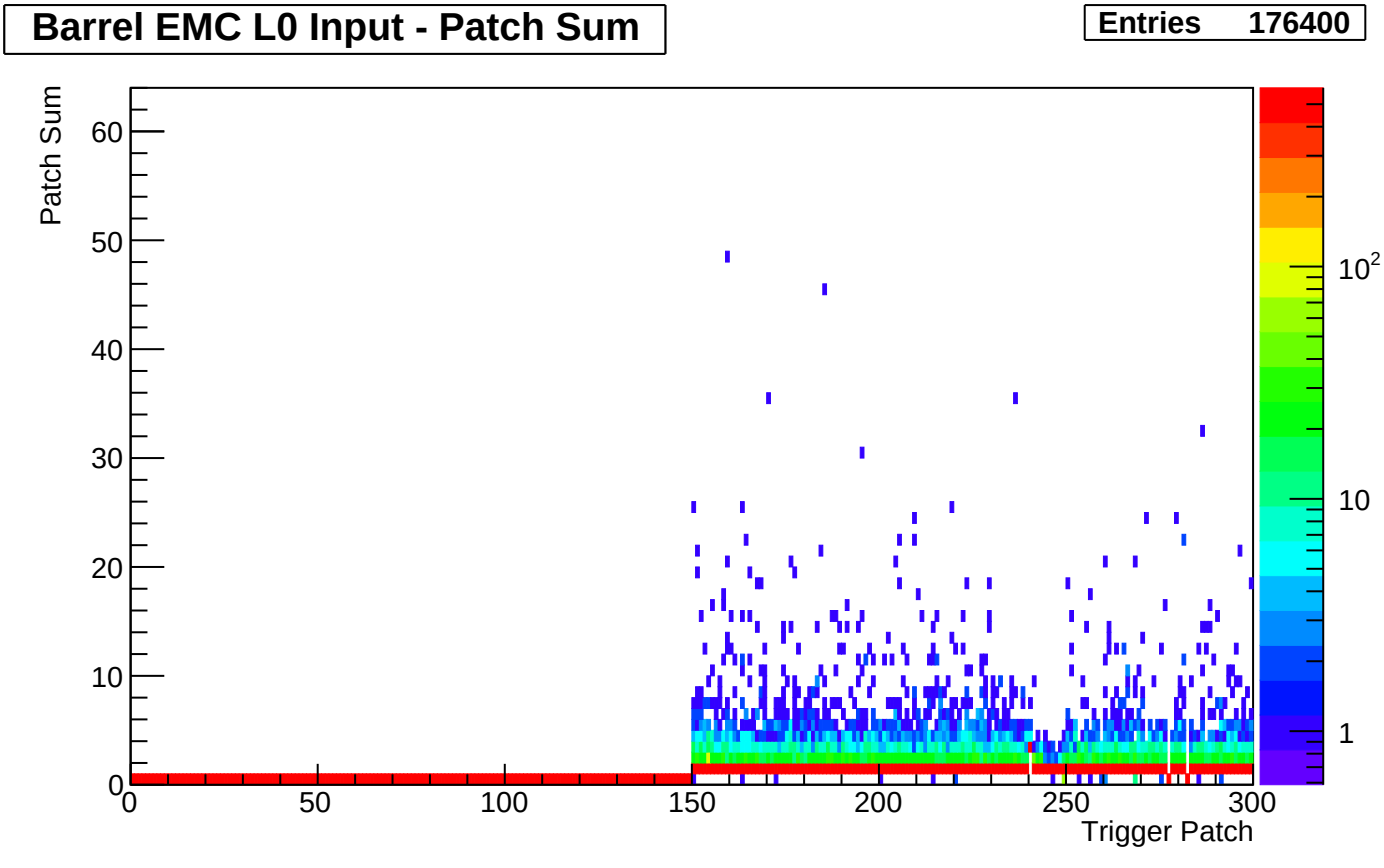
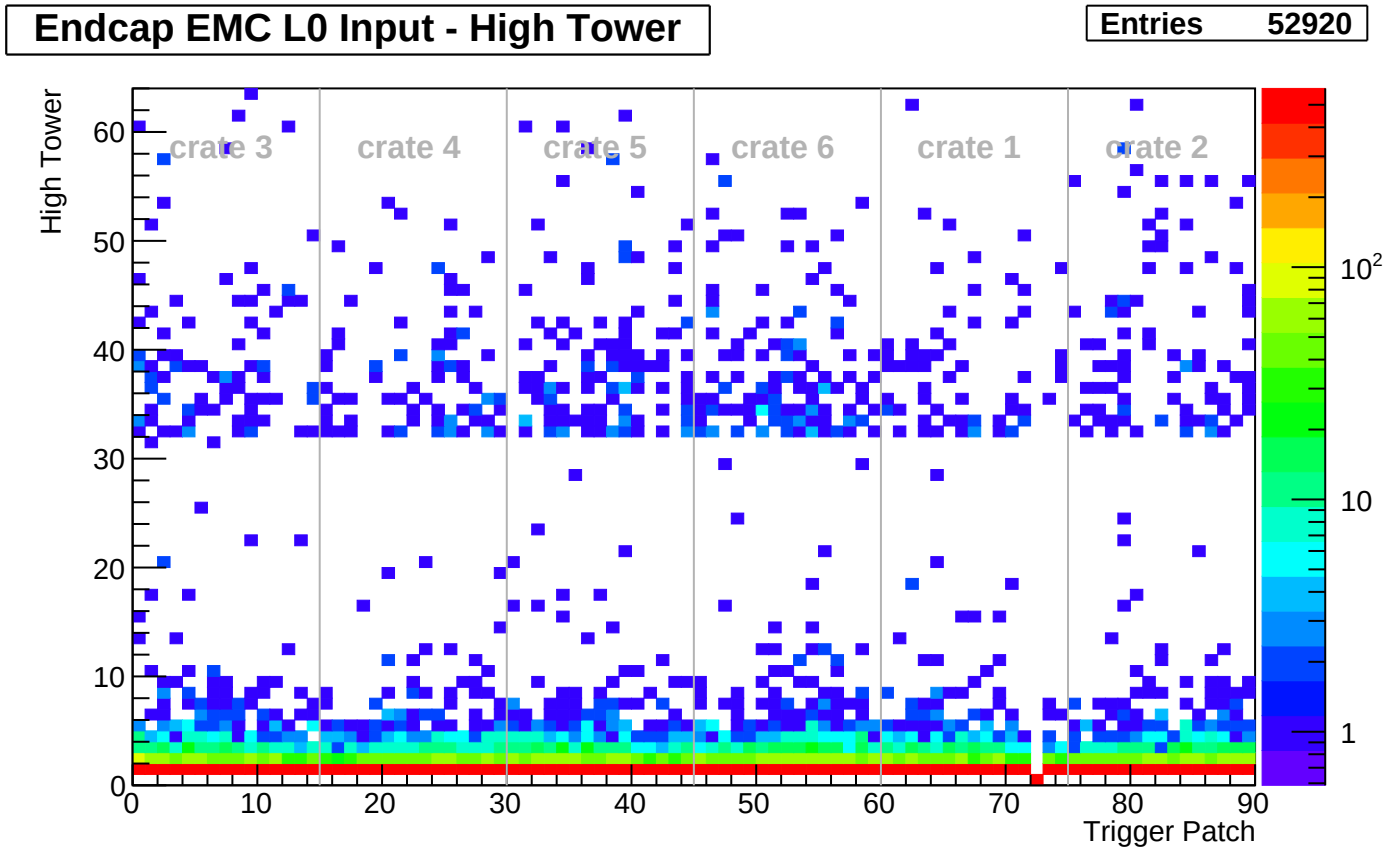
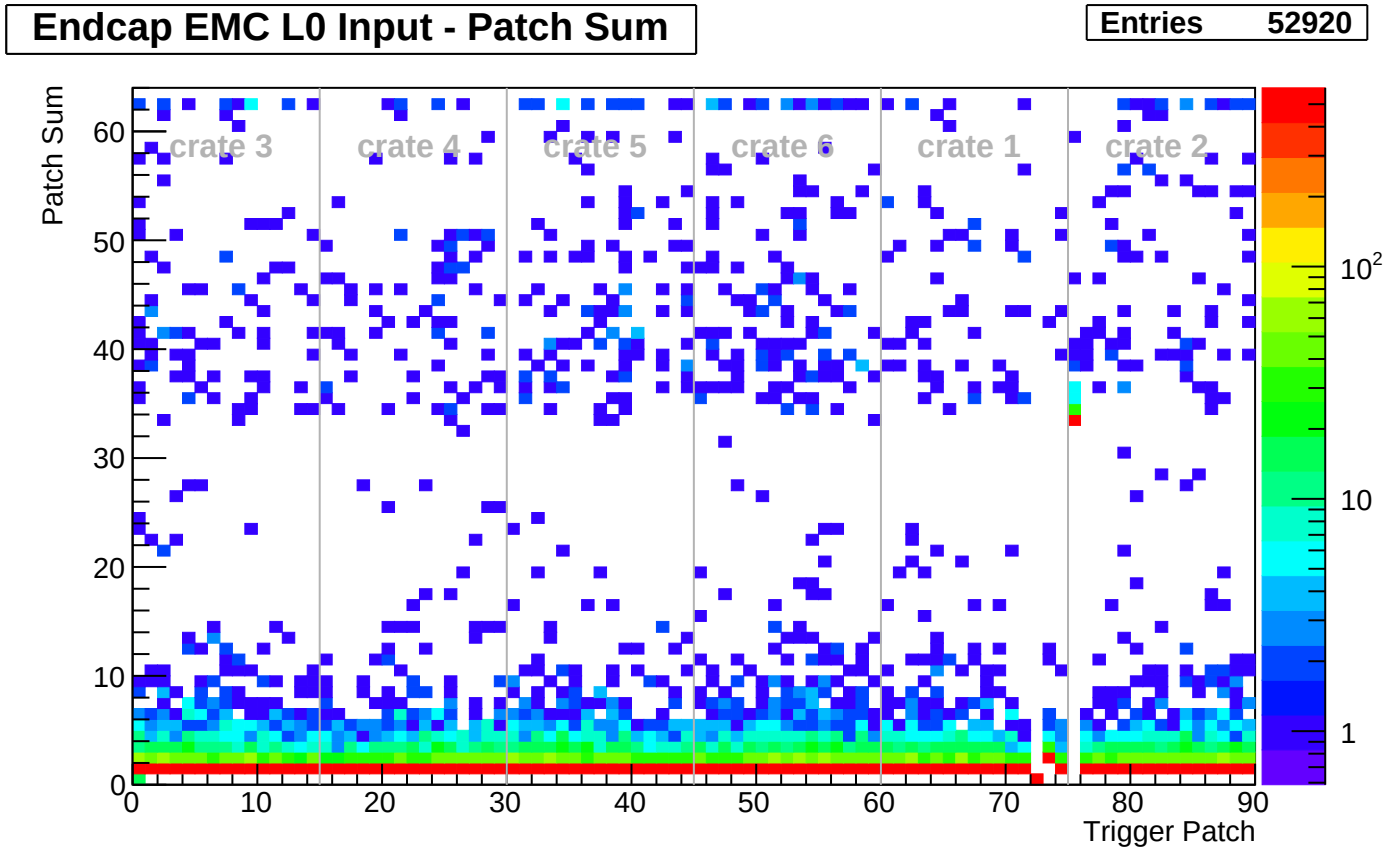
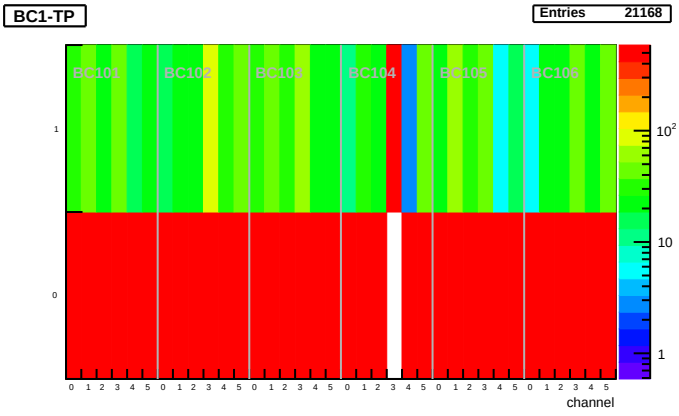
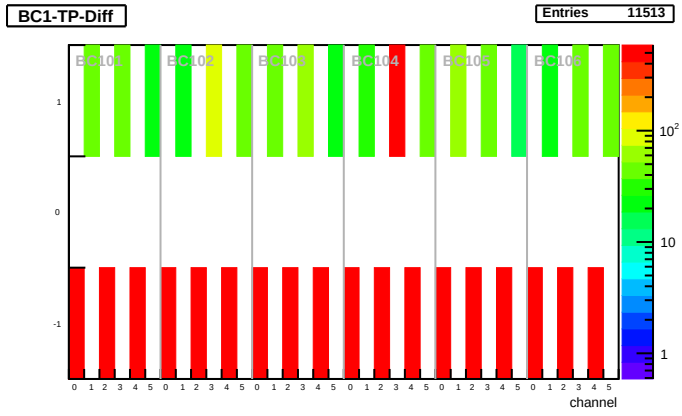

Barrel EMC L0 Input - High Tower
Entries 176400
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2

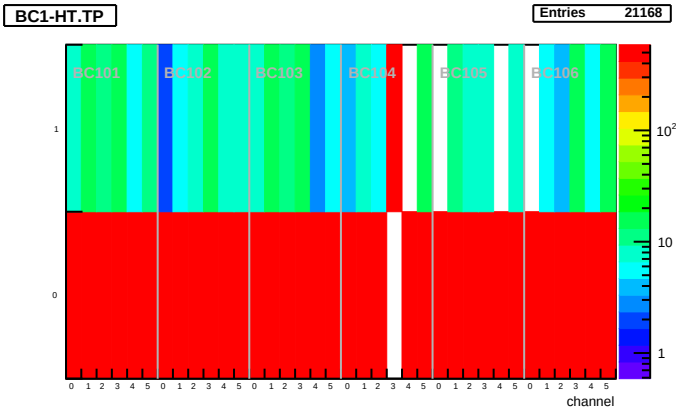

Barrel EMC L0 Input - Patch Sum
Entries 176400
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2

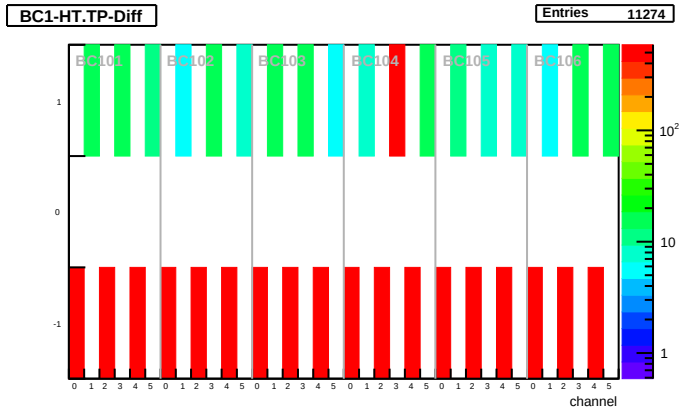

Endcap EMC L0 Input - High Tower
Entries 52920
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2

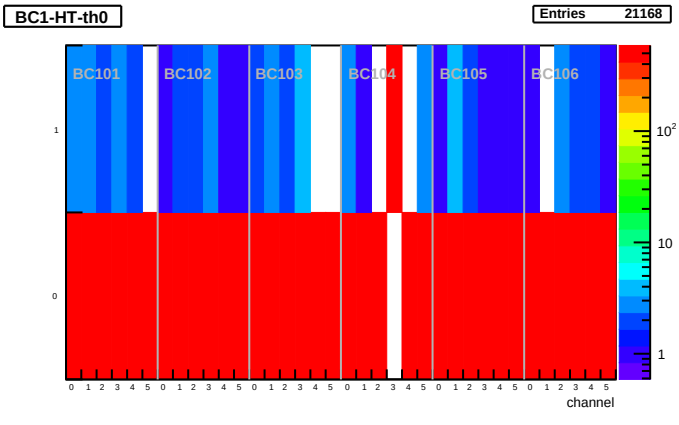

Endcap EMC L0 Input - Patch Sum
Entries 52920
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2

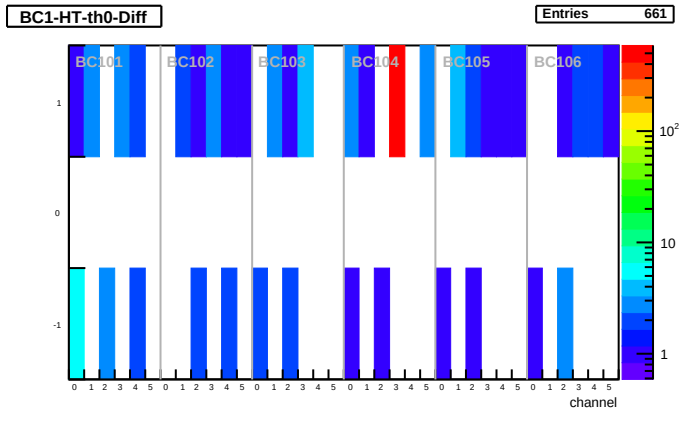

BC1-TP
Entries 21168
BC101
BC102
BC103
BC104
BC105
BC106
channel

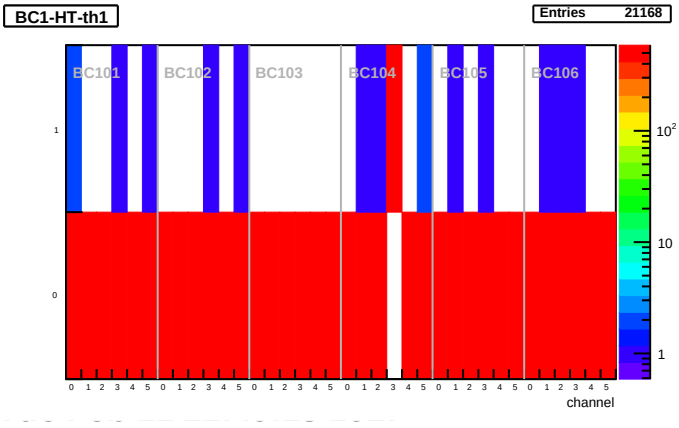

BC1-TP-Diff
Entries 11513
BC101
BC102
BC103
BC104
BC105
BC106
channel

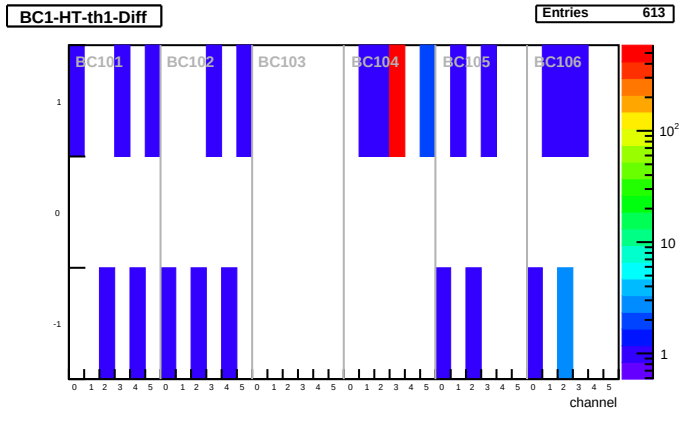

BC1-HT.TP
Entries 21168
BC101
BC102
BC103
BC104
BC105
BC106
channel

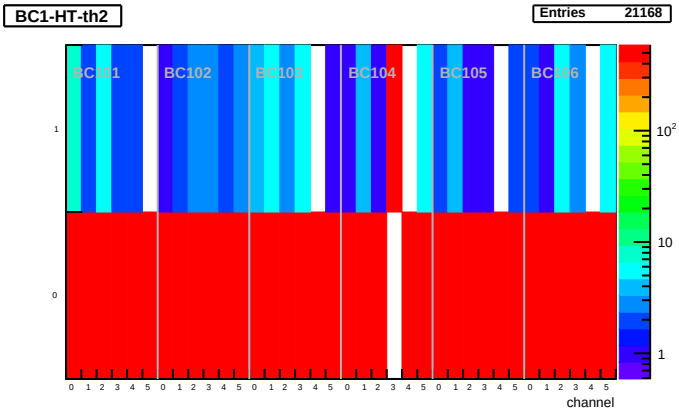

BC1-HT.TP-Diff
Entries 11274
BC101
BC102
BC103
BC104
BC105
BC106
channel

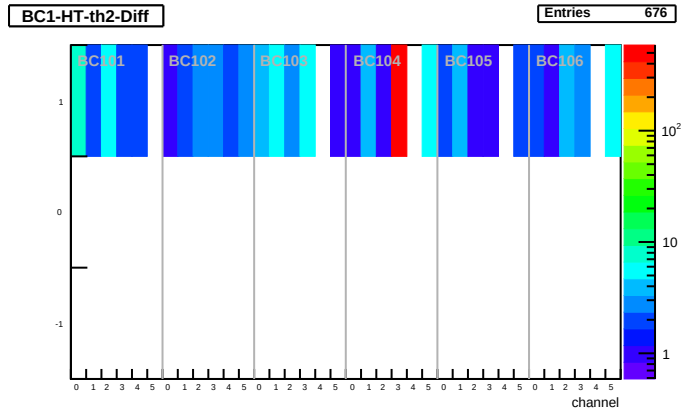

BC1-HT-th0
Entries 21168
BC101
BC102
BC103
BC104
BC105
BC106
channel

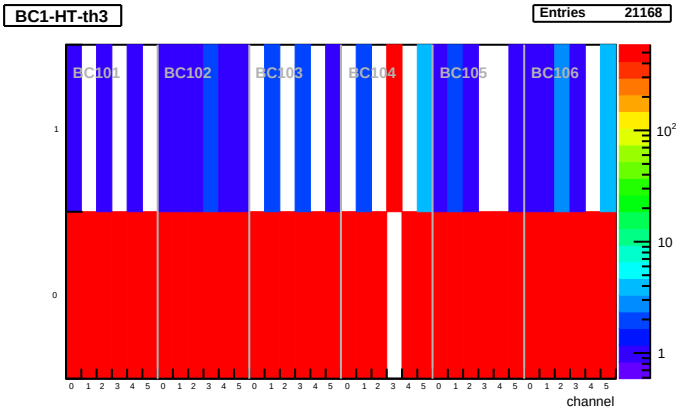

BC1-HT-th0-Diff
Entries 661
BC101
BC102
BC103
BC104
BC105
BC106
channel

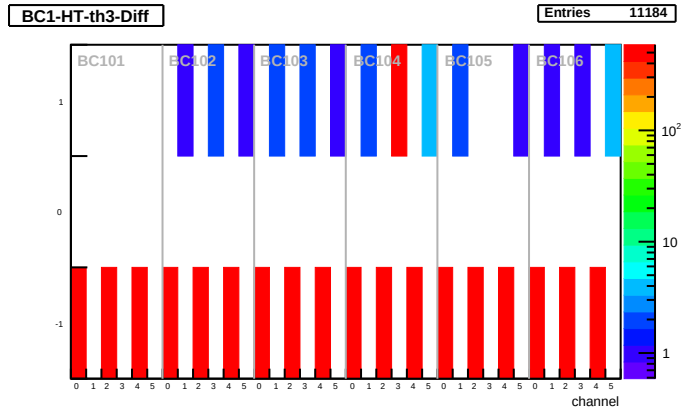

BC1-HT-th1
Entries 21168
BC101
BC102
BC103
BC104
BC105
BC106
channel

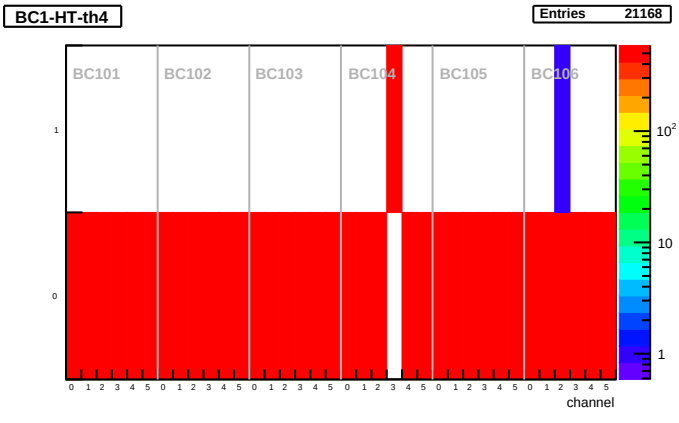

BC1-HT-th1-Diff
Entries 613
BC101
BC102
BC103
BC104
BC105
BC106
channel

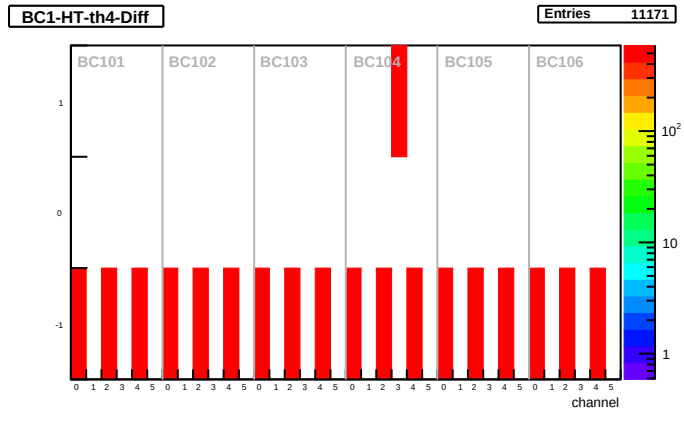

BC1-HT-th2
Entries 21168
BC101
BC102
BC103
BC104
BC105
BC106
channel

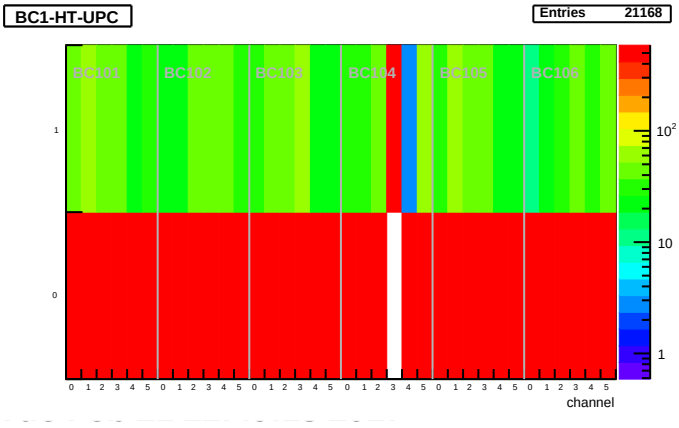

BC1-HT-th2-Diff
Entries 676
BC101
BC102
BC103
BC104
BC105
BC106
channel

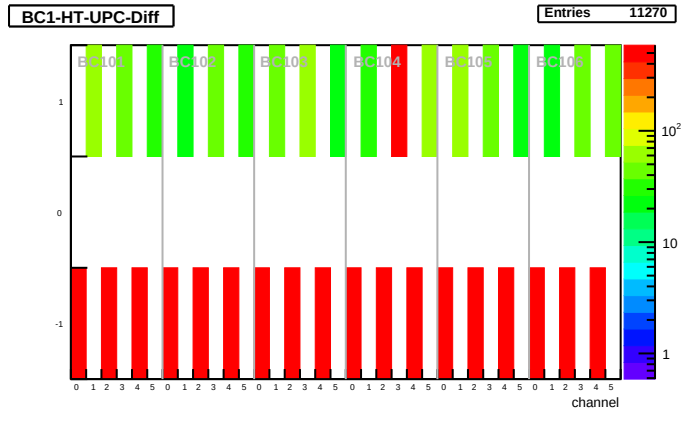

BC1-HT-th3
Entries 21168
BC101
BC102
BC103
BC104
BC105
BC106
channel

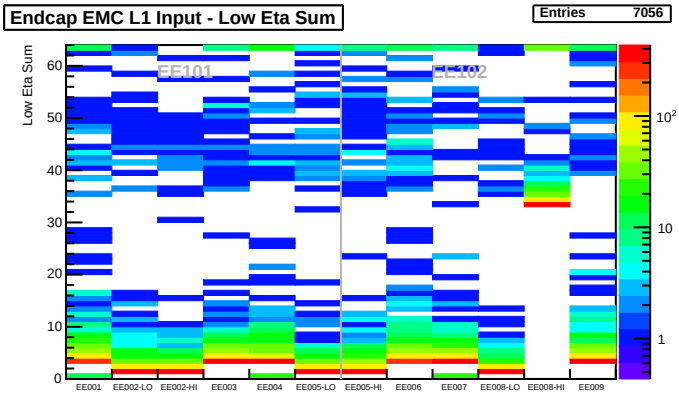

BC1-HT-th3-Diff
Entries 11184
BC101
BC102
BC103
BC104
BC105
BC106
channel

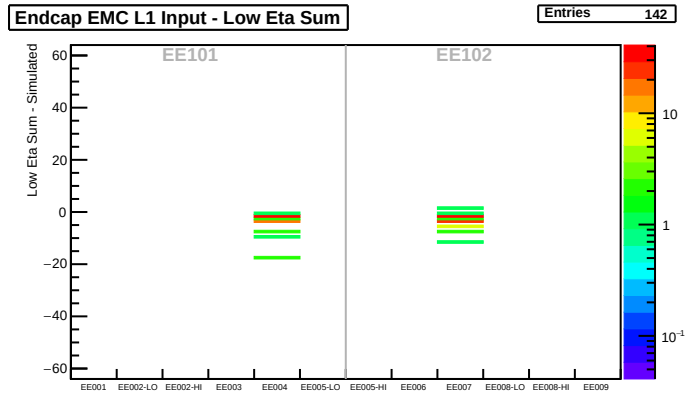

BC1-HT-th4
Entries 21168
BC101
BC102
BC103
BC104
BC105
BC106
channel

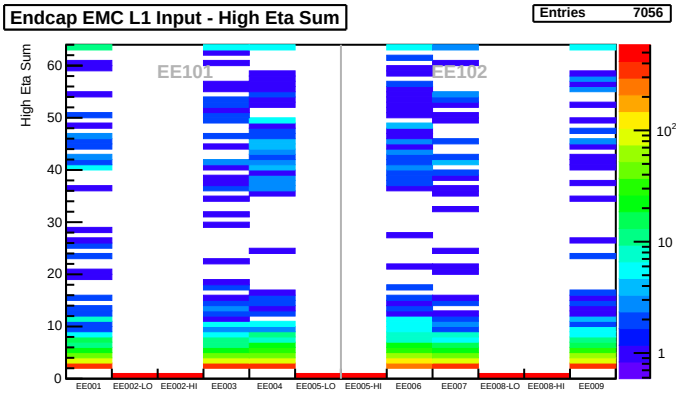

BC1-HT-th4-Diff
Entries 11171
BC101
BC102
BC103
BC104
BC105
BC106
channel

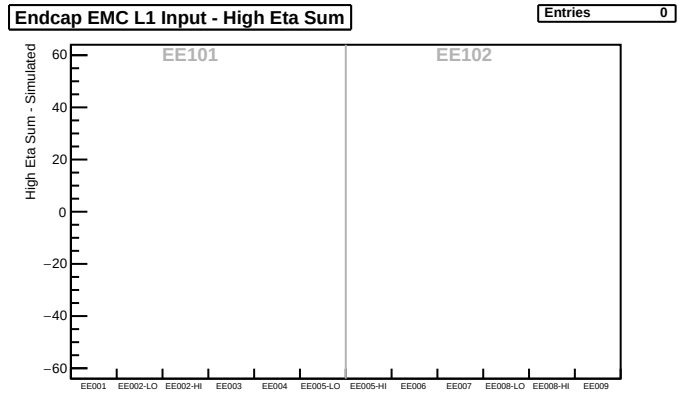

BC1-HT-UPC
Entries 21168
BC101
BC102
BC103
BC104
BC105
BC106
channel

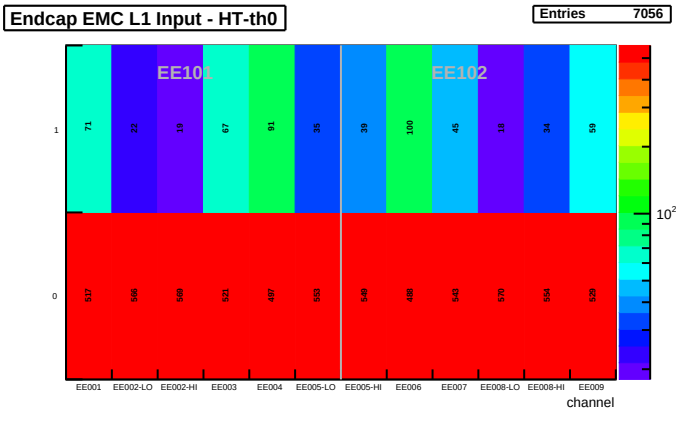

BC1-HT-UPC-Diff
Entries 11270
BC101
BC102
BC103
BC104
BC105
BC106
channel

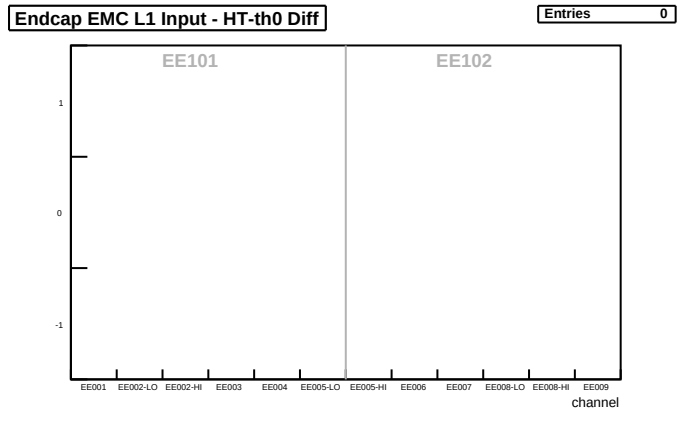

Endcap EMC L1 Input - Low Eta Sum
Entries 7056
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

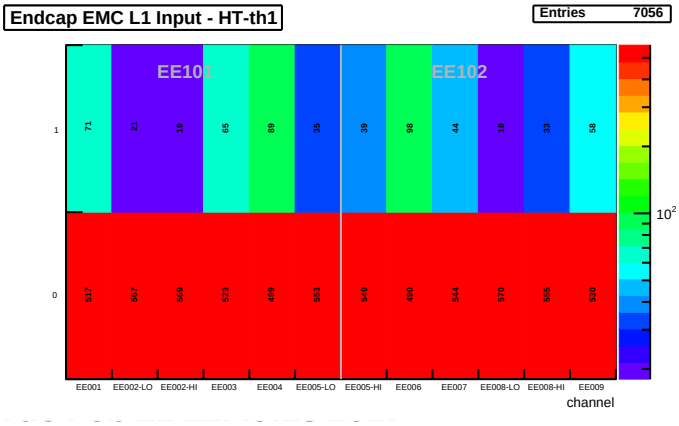

Endcap EMC L1 Input - Low Eta Sum
Entries 142
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

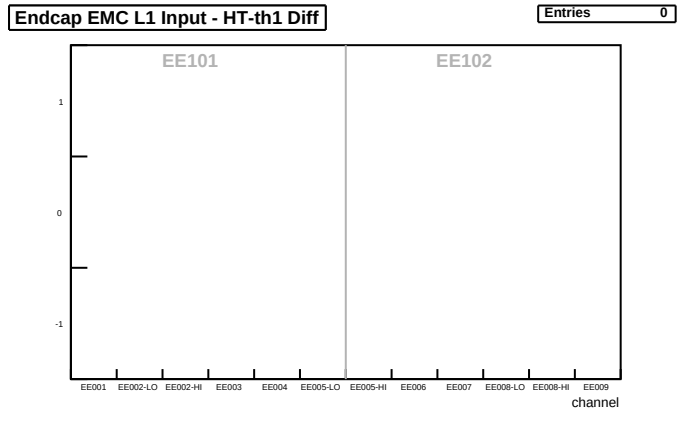

Endcap EMC L1 Input - High Eta Sum
Entries 7056
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

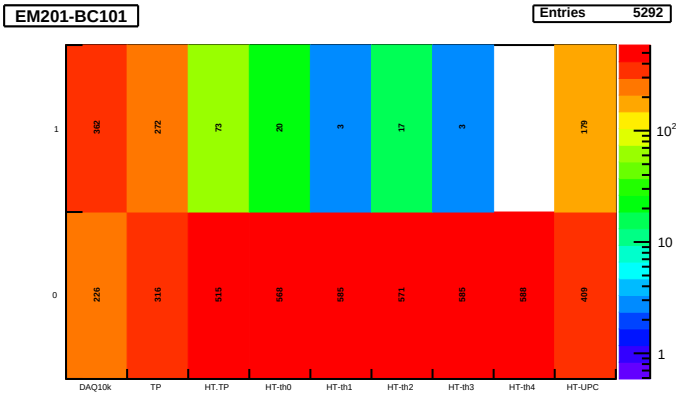

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

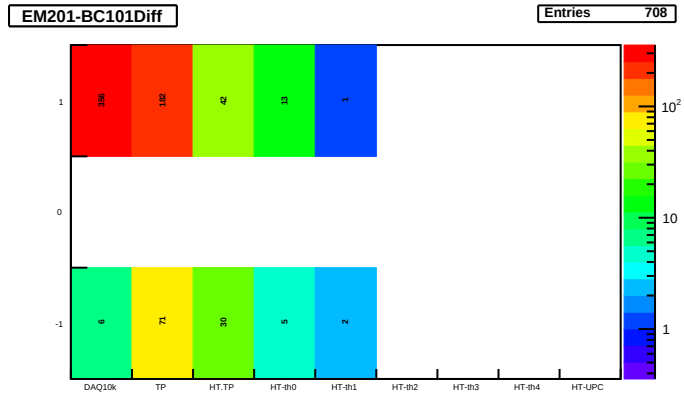

Endcap EMC L1 Input - HT-th0
Entries 7056
EE101
EE102
71 22 19 67 91 35 39 100 45 18 34 59
517 566 569 521 497 553 549 488 543 570 554 529
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

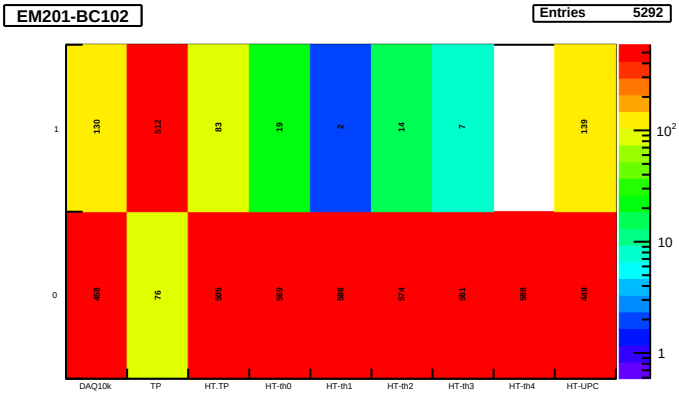

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

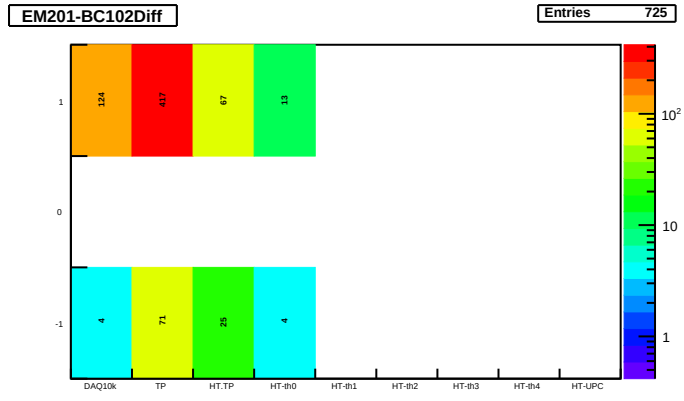

Endcap EMC L1 Input - HT-th1
Entries 7056
EE101
EE102
71 21 19 65 89 35 39 98 44 18 33 58
517 567 569 523 499 553 549 490 544 570 555 530
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

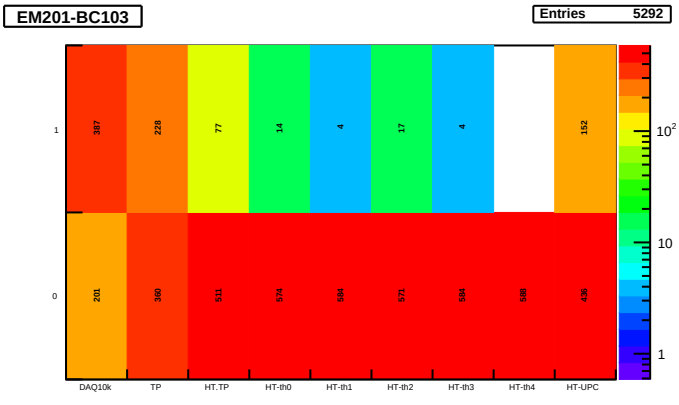

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

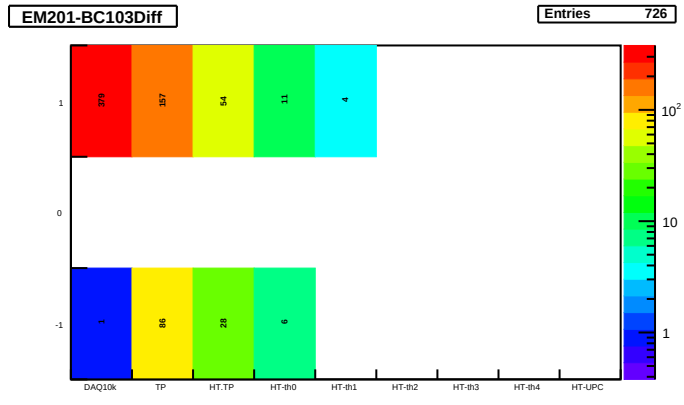

EM201-BC101
Entries 5292
1
0
362 272 73 20 3 17 3 179
226 316 515 568 585 571 585 588 409
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

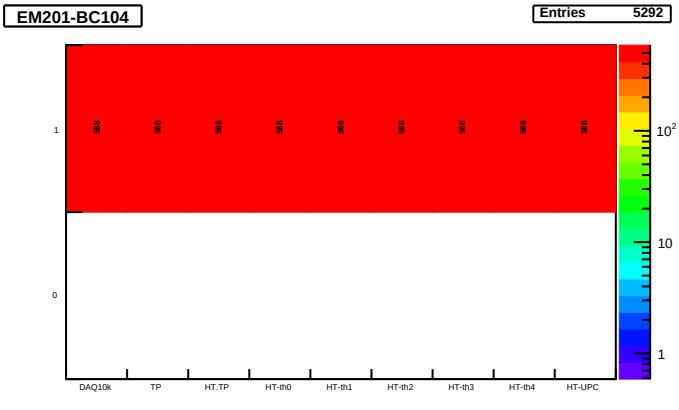

EM201-BC101Diff
Entries 708
1
0
-1
356 182 42 13 1
6 71 30 5 2
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

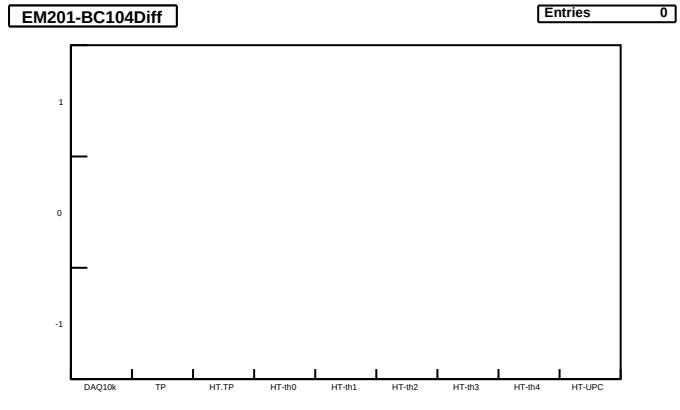

EM201-BC102
Entries 5292
1
0
130 512 83 19 2 14 7 139
458 76 505 569 586 574 581 588 449
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1


EM201-BC102Diff
Entries 725
1
0
-1
124 417 67 13
4 71 25 4
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1


EM201-BC103
Entries 5292
1
0
387 228 77 14 4 17 4 152
201 360 511 574 584 571 584 588 436
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

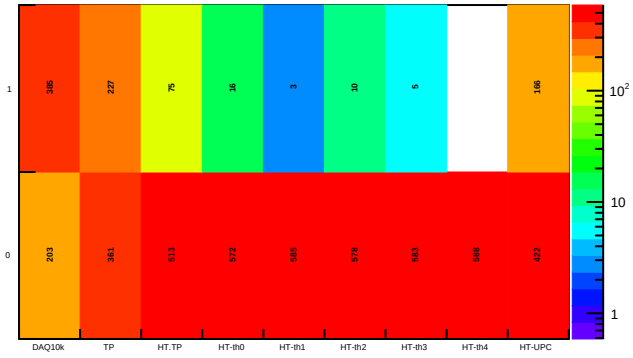

EM201-BC103Diff
Entries 726
1
0
-1
379 157 54 11 4
1 86 28 6
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1


EM201-BC104
Entries 5292
1
0
588 588 588 588 588 588 588 588 588
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1


EM201-BC104Diff
Entries 0
1
0
-1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

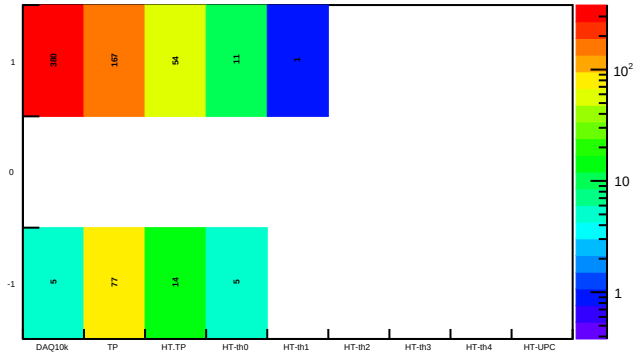
EM201-BC105

Entries 5292



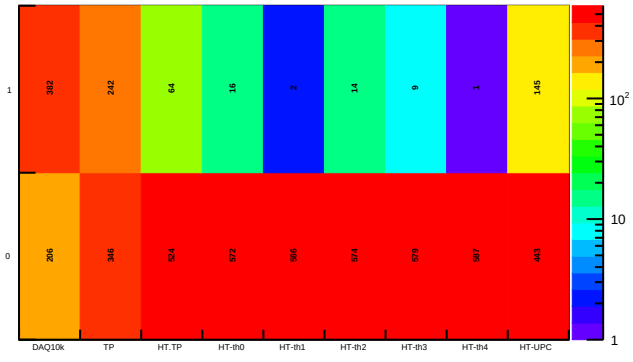
EM201-BC105Diff

Entries 714



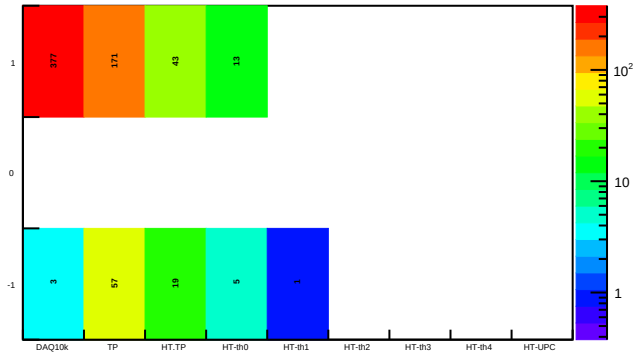
EM201-BC106

Entries 5292



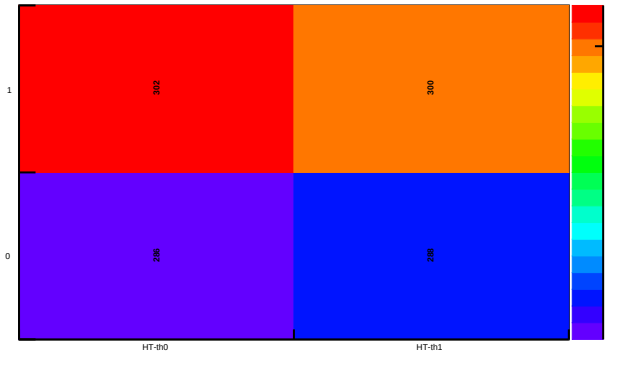
EM201-BC106Diff

Entries 689



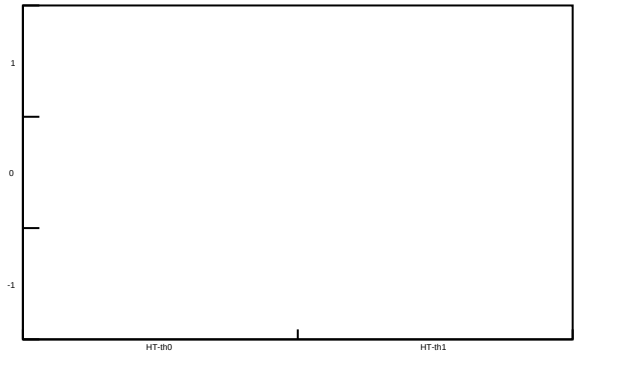
EM201-EE101

Entries 1176



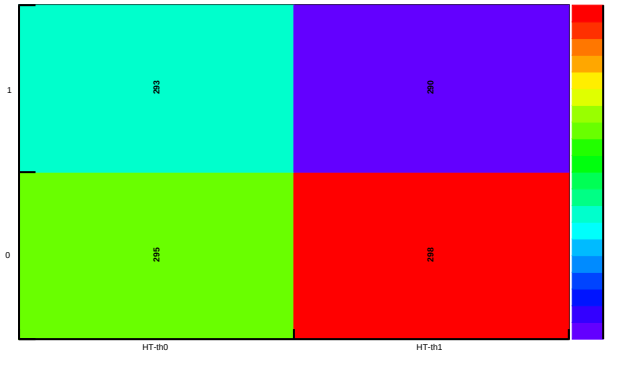
EM201-EE101Diff

Entries 0



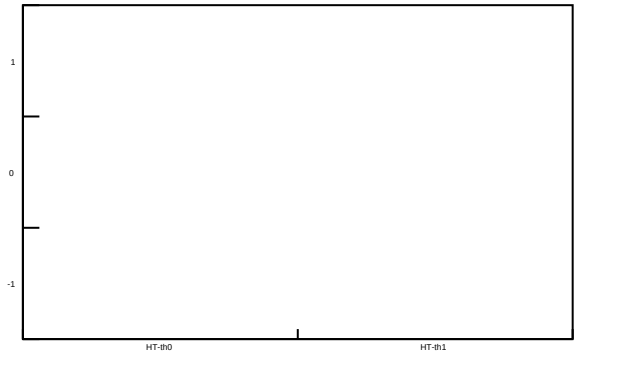
EM201-EE102

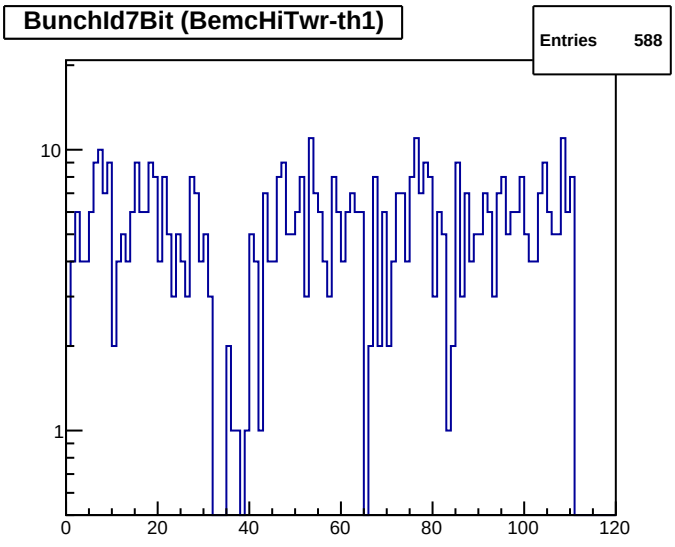
Entries 1176

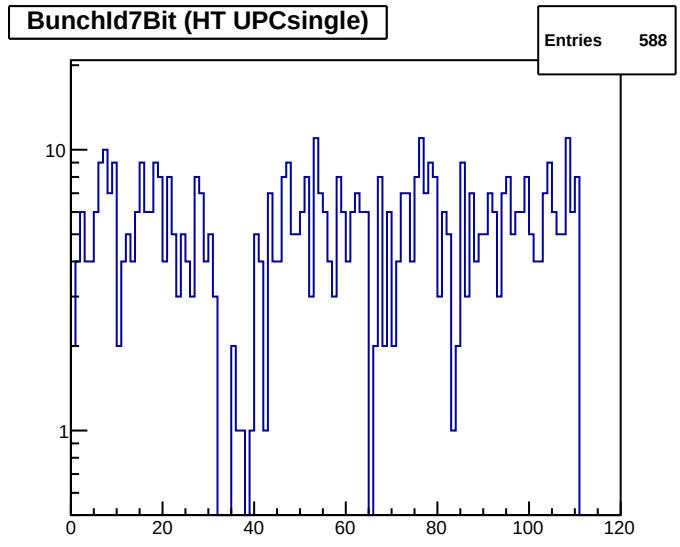


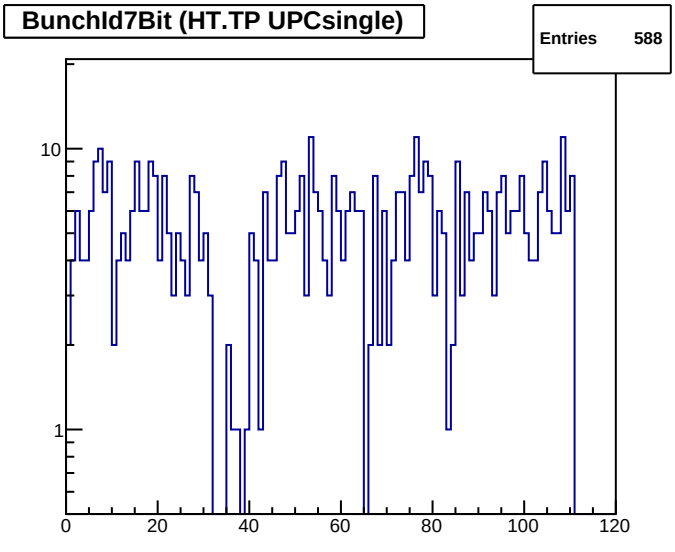
EM201-EE102Diff

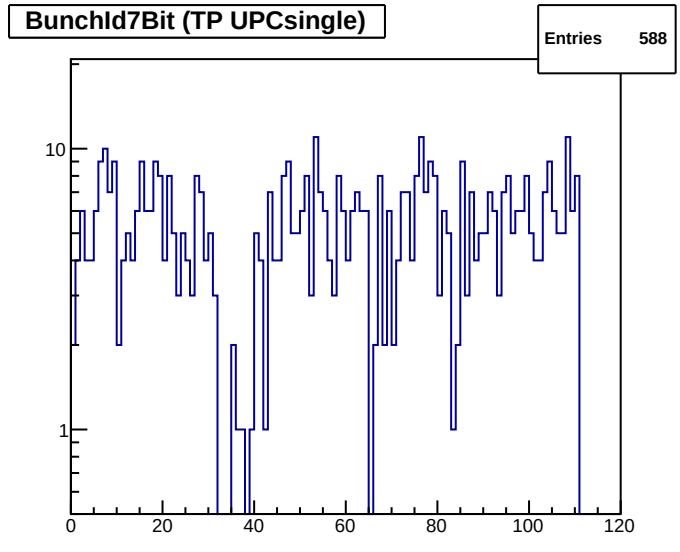
Entries 0

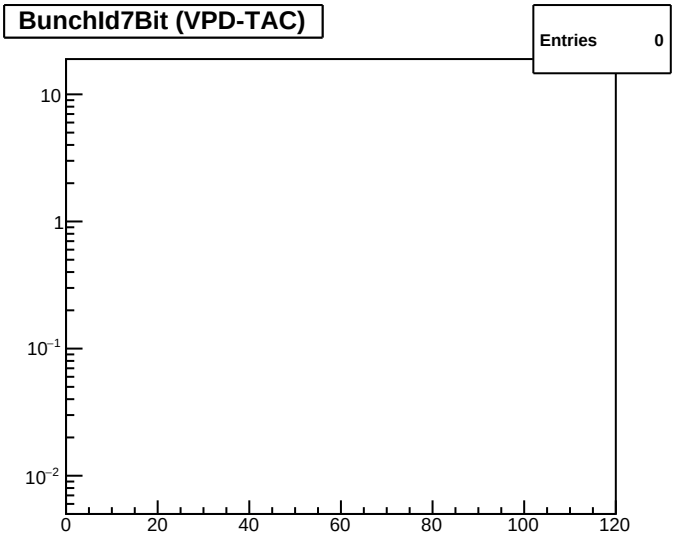


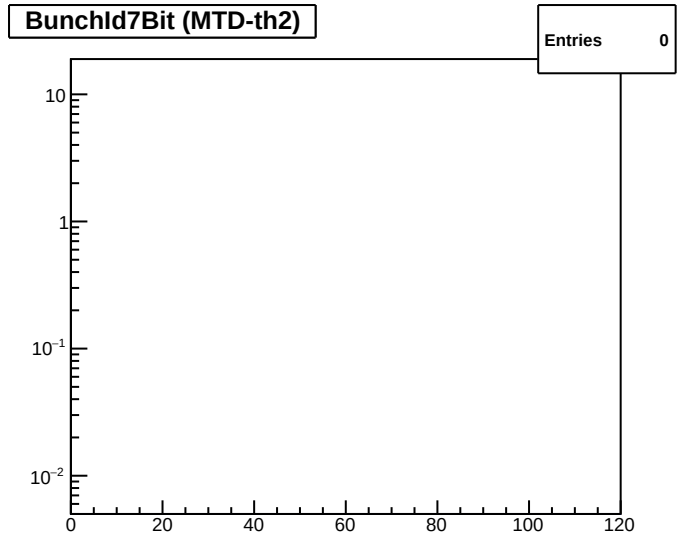

BunchId7Bit (BemcHiTwr-th1)
Entries 588
10
1
0
20
40
60
80
100
120

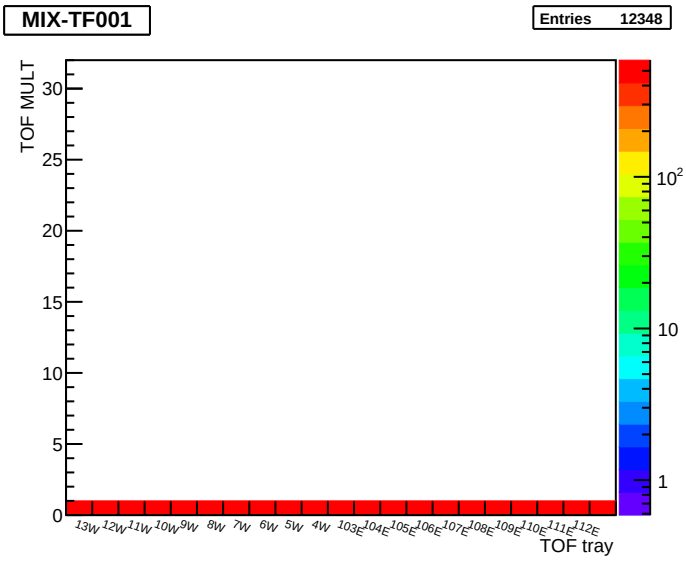

BunchId7Bit (HT UPCsingle)
Entries 588
10
1
0
20
40
60
80
100
120

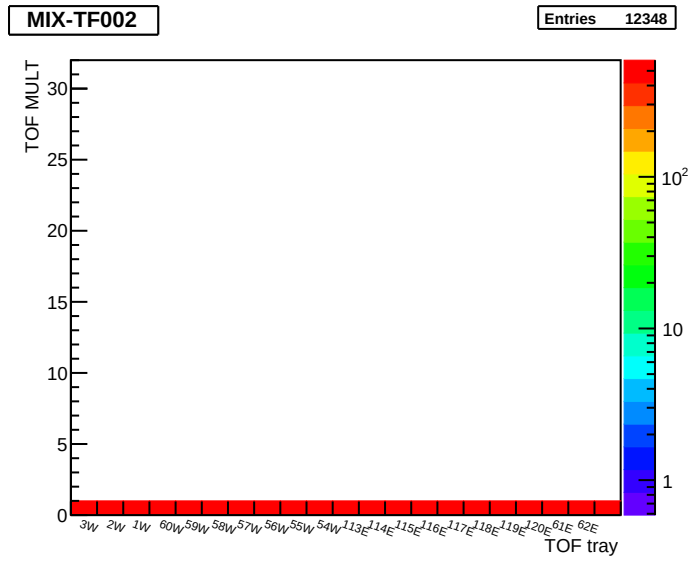

BunchId7Bit (HT.TP UPCsingle)
Entries 588
10
1
0
20
40
60
80
100
120

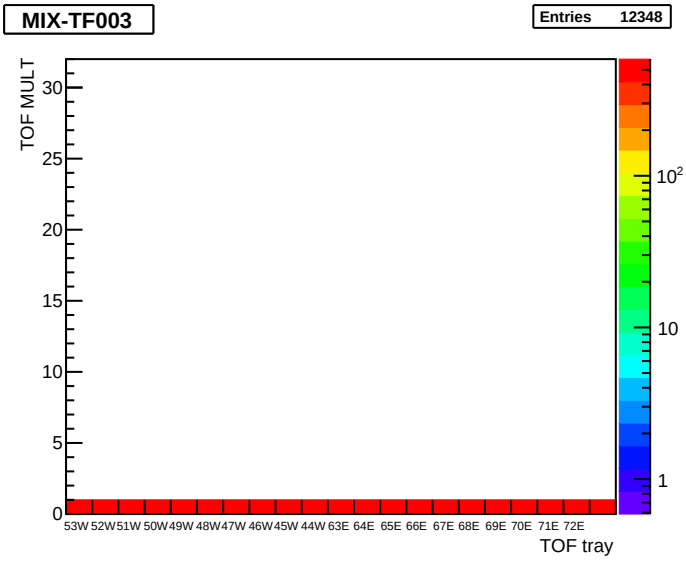

BunchId7Bit (TP UPCsingle)
Entries 588
10
1
0
20
40
60
80
100
120

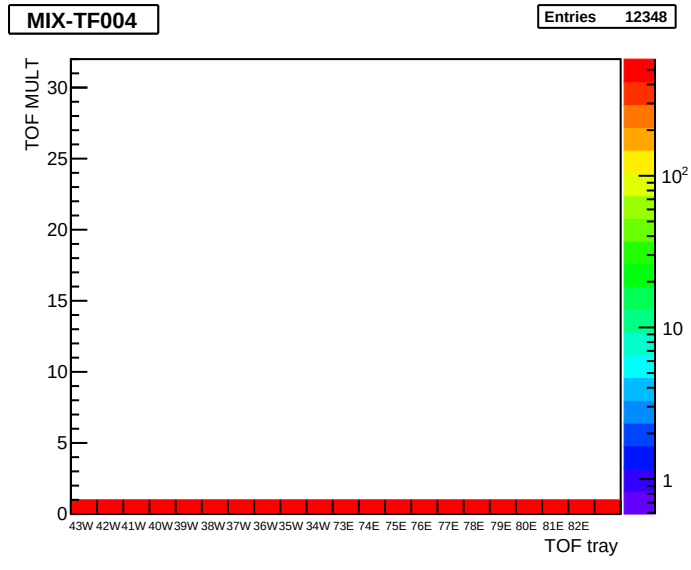

BunchId7Bit (VPD-TAC)
Entries 0
10
1
10⁻¹
10⁻²
0
20
40
60
80
100
120

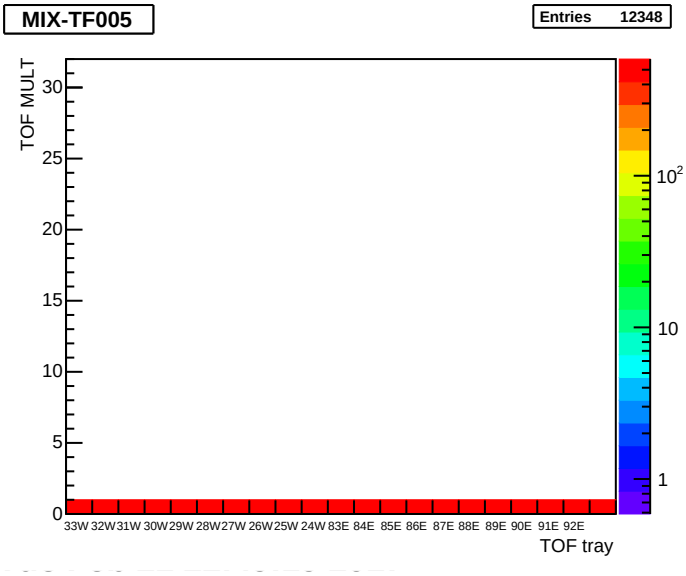

BunchId7Bit (MTD-th2)
Entries 0
10
1
10⁻¹
10⁻²
0
20
40
60
80
100
120

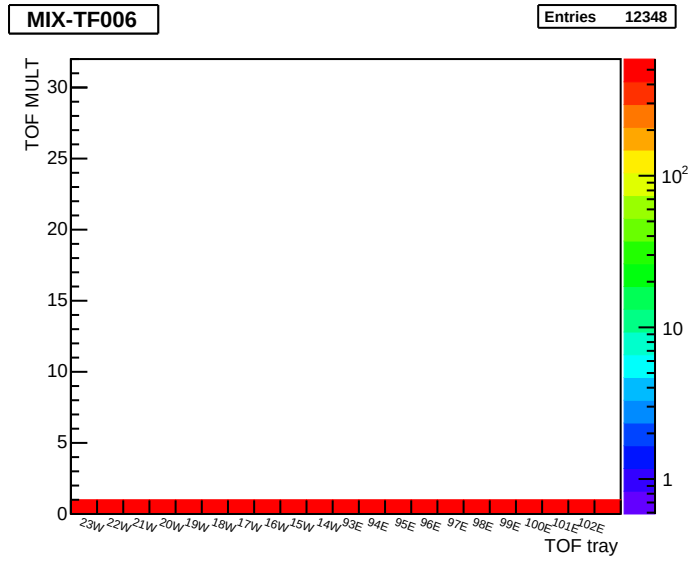

MIX-TF001
Entries 12348
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E


MIX-TF002
Entries 12348
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

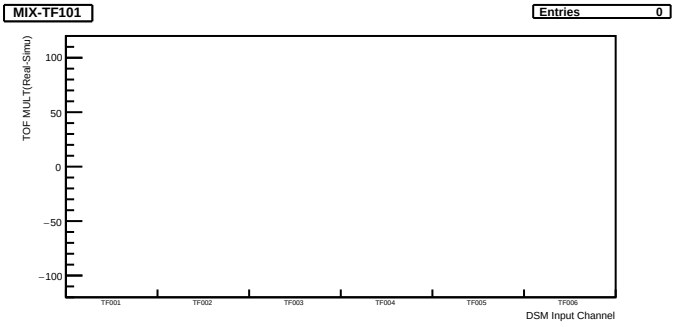

MIX-TF003
Entries 12348
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

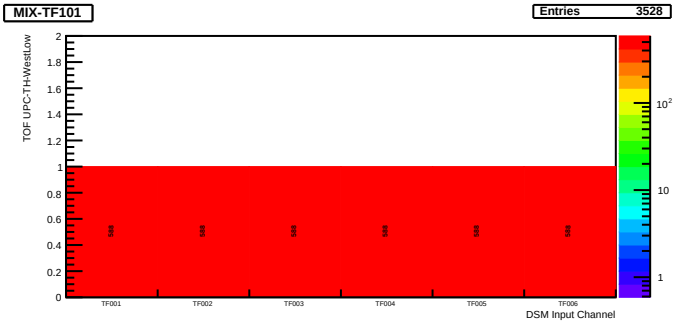

MIX-TF004
Entries 12348
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

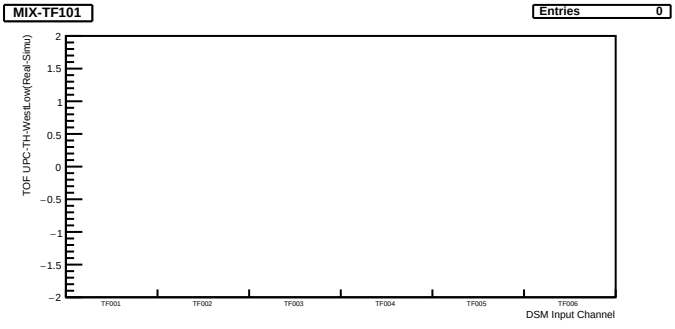

MIX-TF005
Entries 12348
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

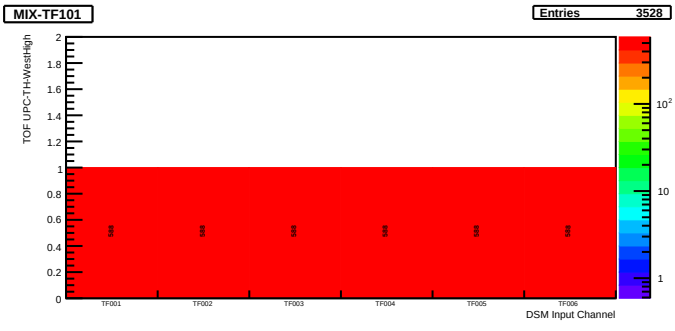

MIX-TF006
Entries 12348
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

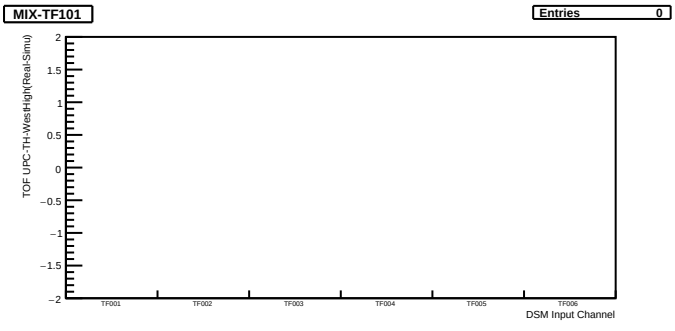
MIX-TF101
Entries 3528
TOF MULT
DSM Input Channel

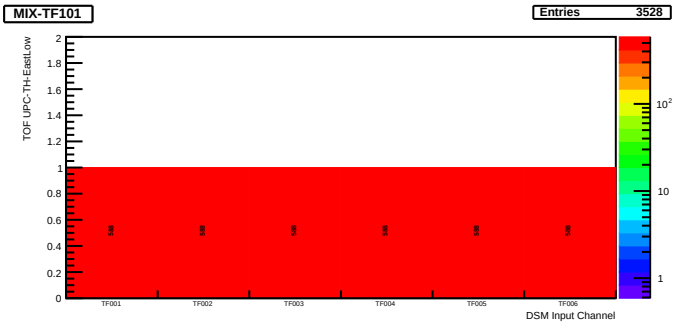

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel

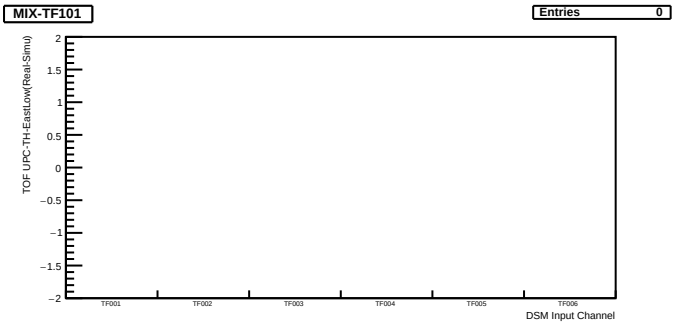

MIX-TF101
Entries 3528
TOF UPC-TH-WestLow
DSM Input Channel

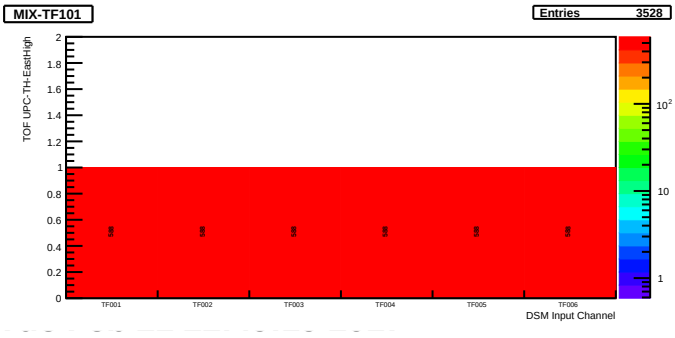

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

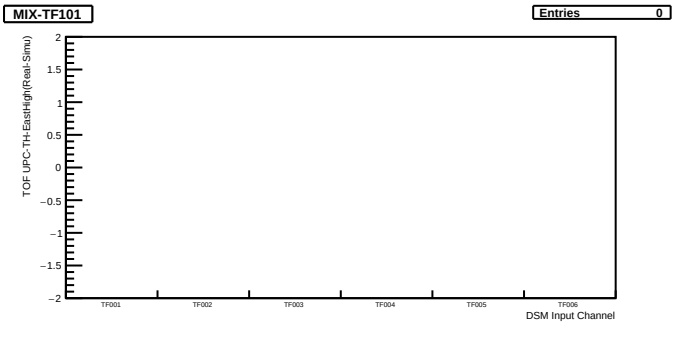

MIX-TF101
Entries 3528
TOF UPC-TH-WestHigh
DSM Input Channel

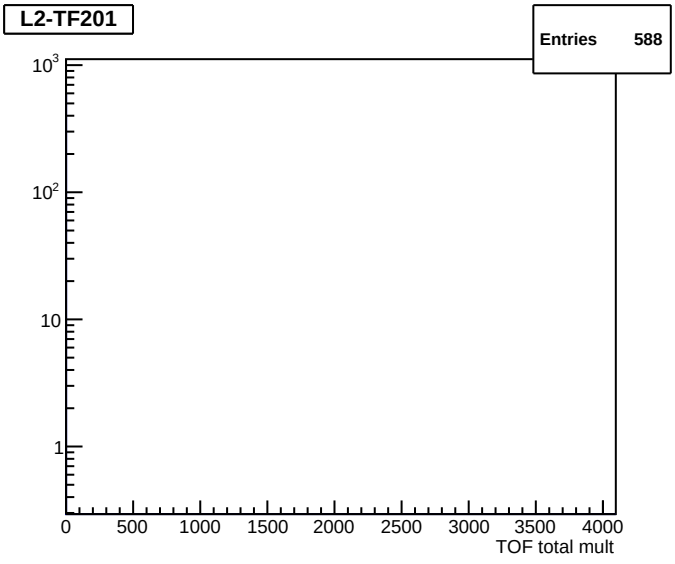

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

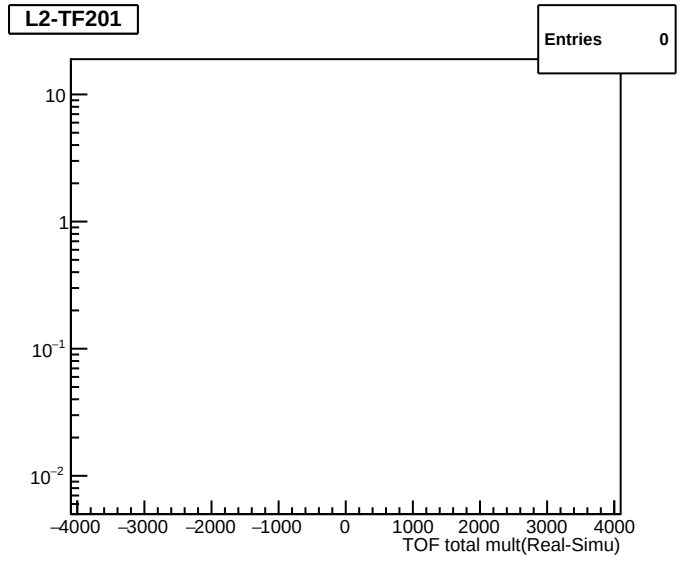

MIX-TF101
Entries 3528
TOF UPC-TH-EastLow
DSM Input Channel

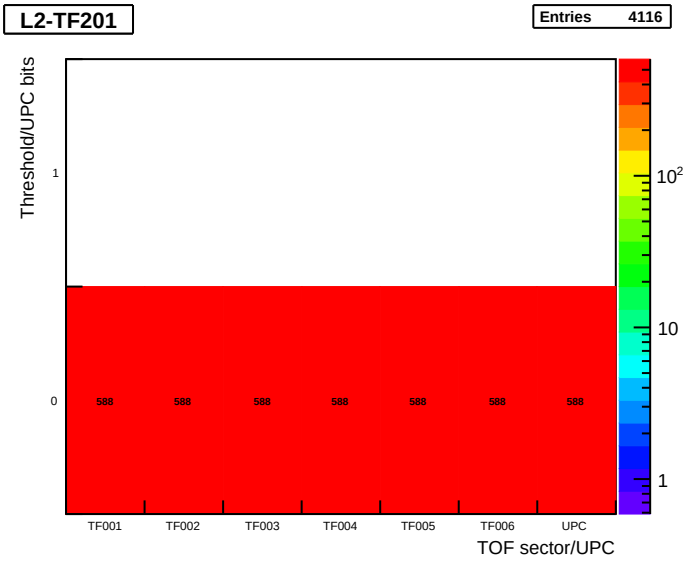

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

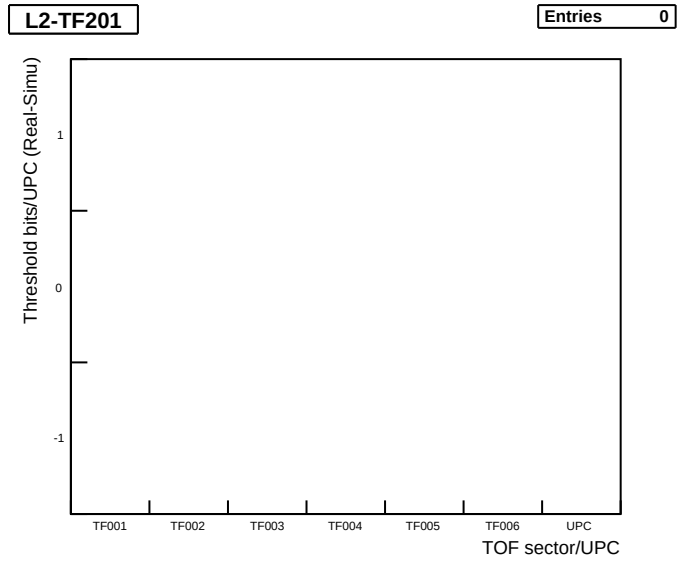

MIX-TF101
Entries 3528
TOF UPC-TH-EastHigh
DSM Input Channel

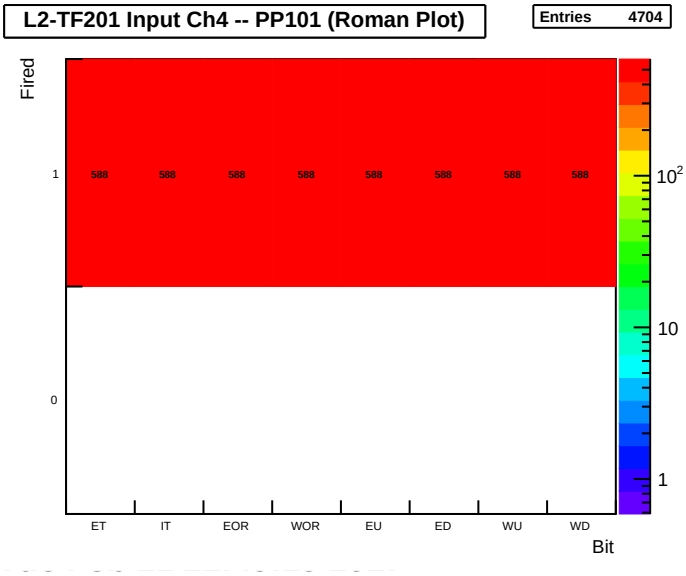

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

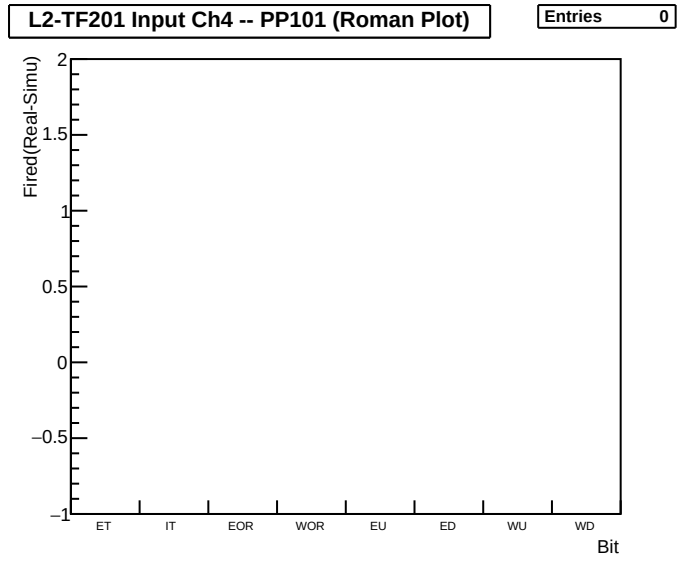

L2-TF201
Entries 588
TOF total mult

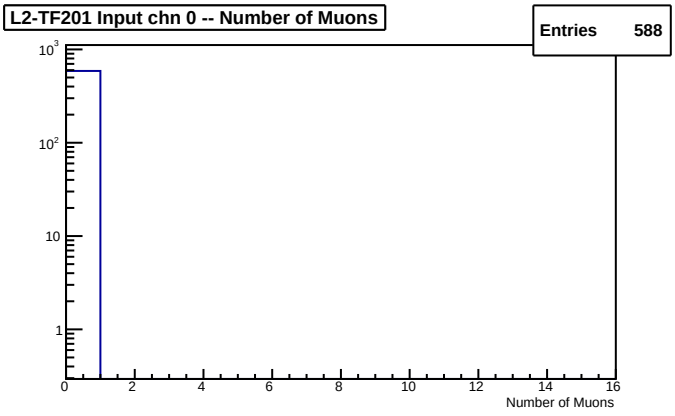

L2-TF201
Entries 0
TOF total mult(Real-Simu)

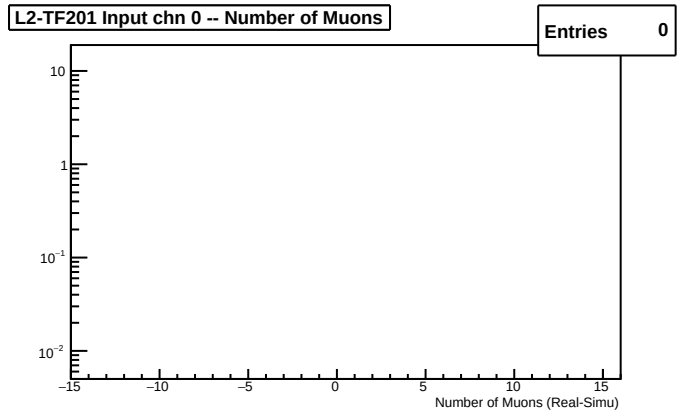

L2-TF201
Entries 4116
Threshold/UPC bits
588
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

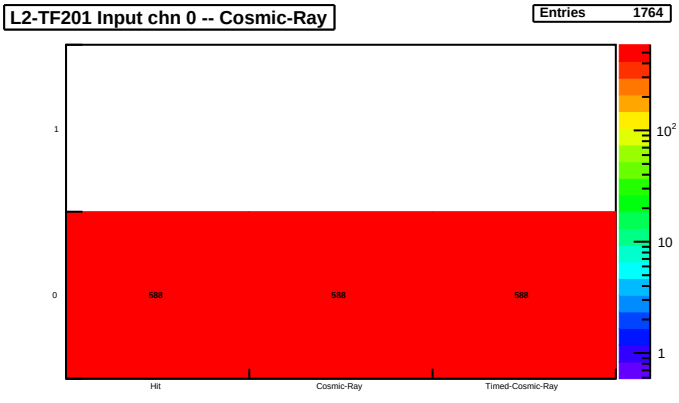

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

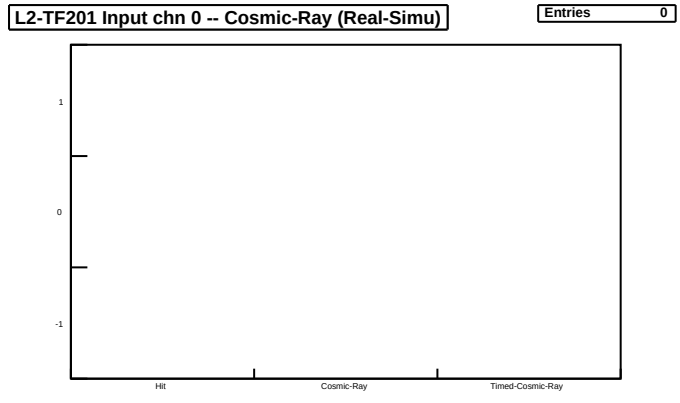

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4704
Fired
588
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

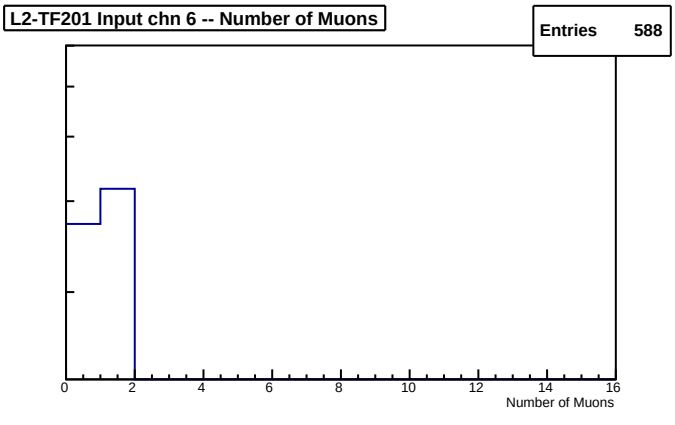

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

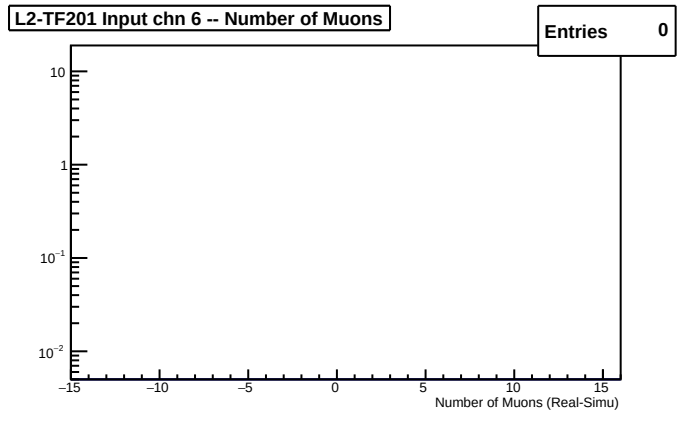

L2-TF201 Input chn 0 -- Number of Muons
Entries 588
Number of Muons

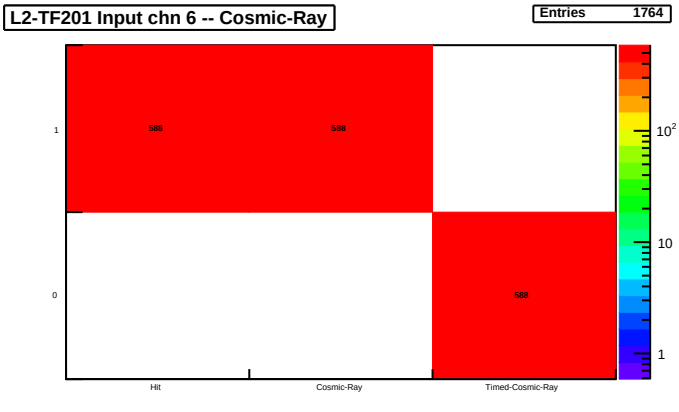

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

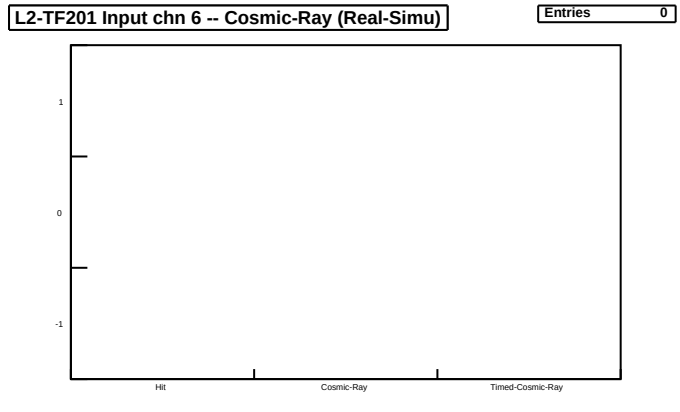

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1764
588
588
588
Hit
Cosmic-Ray
Timed-Cosmic-Ray

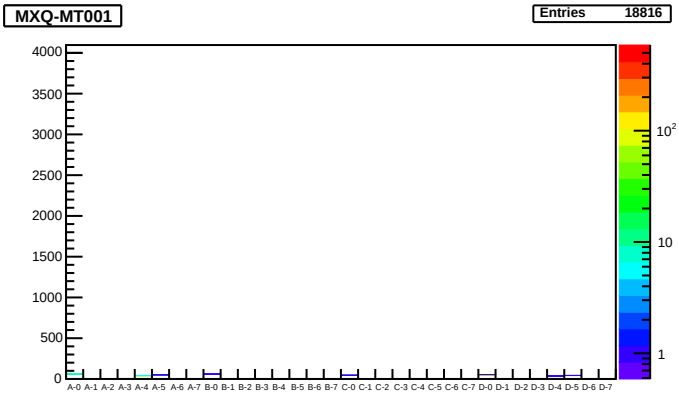

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

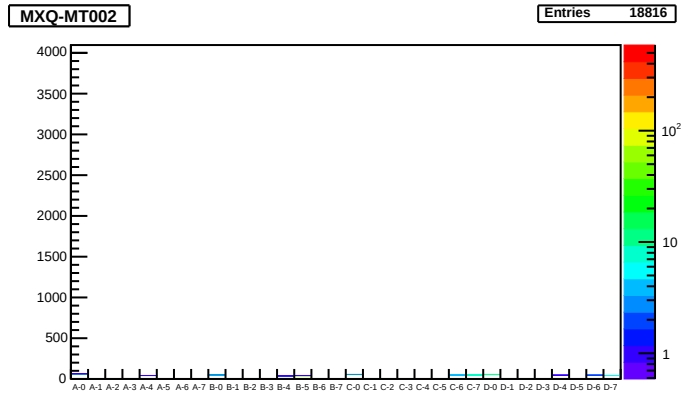

L2-TF201 Input chn 6 -- Number of Muons
Entries 588
Number of Muons

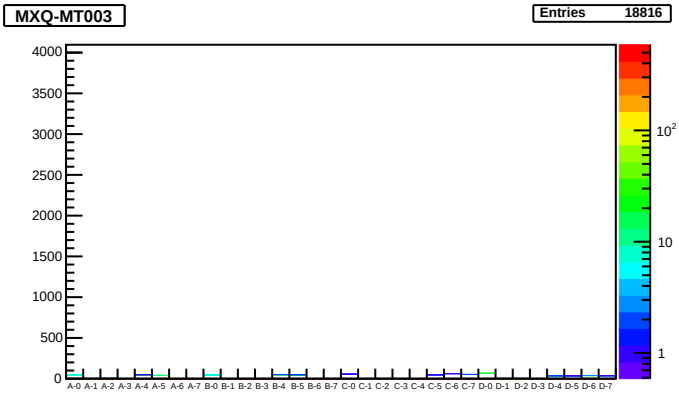

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

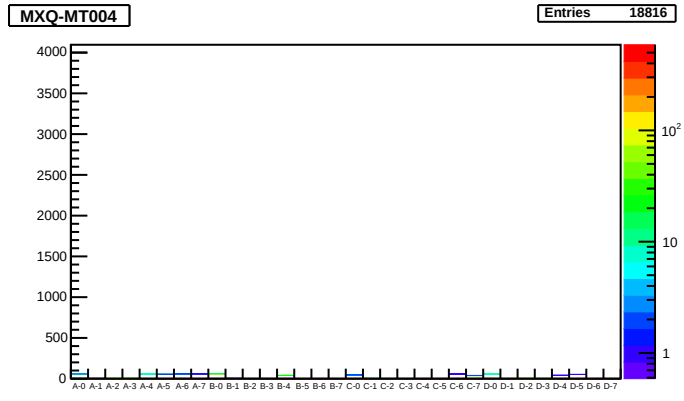

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1764
588
588
588
Hit
Cosmic-Ray
Timed-Cosmic-Ray

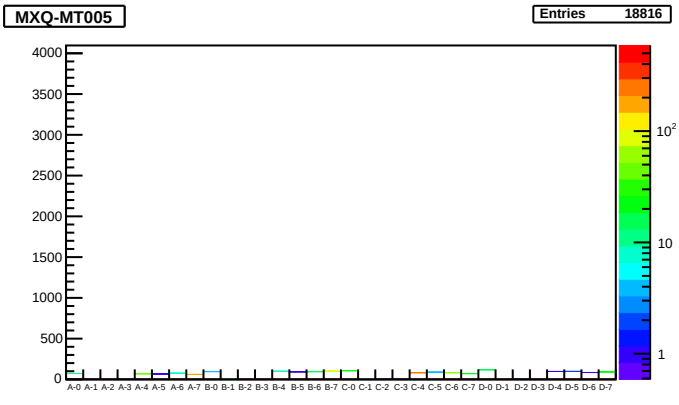

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

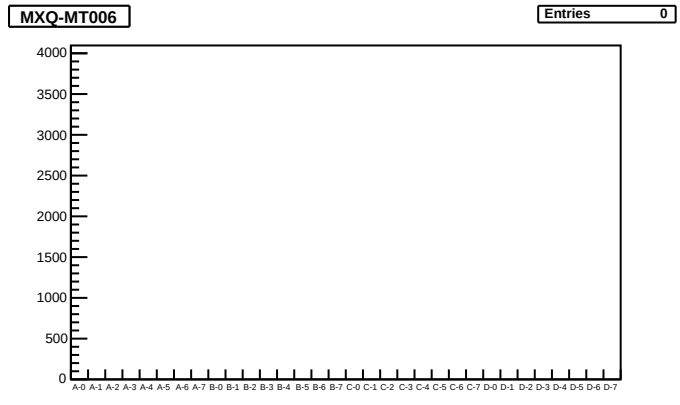

MXQ-MT001
Entries 18816

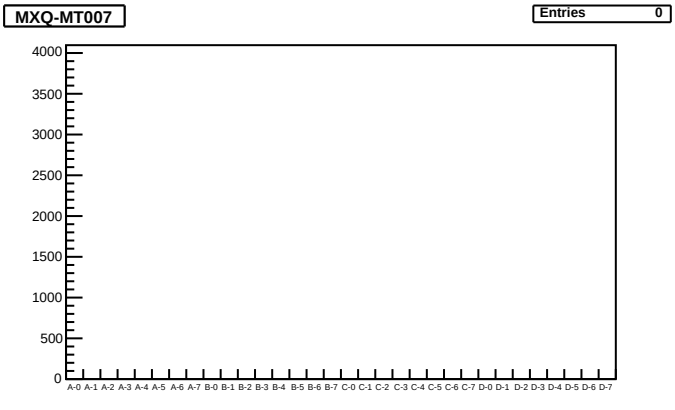

MXQ-MT002
Entries 18816

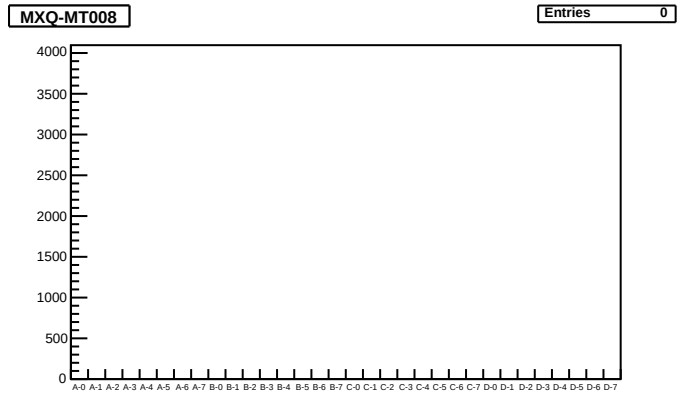

MXQ-MT003
Entries 18816

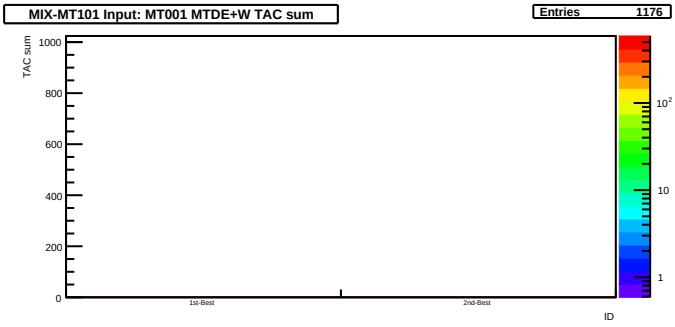

MXQ-MT004
Entries 18816

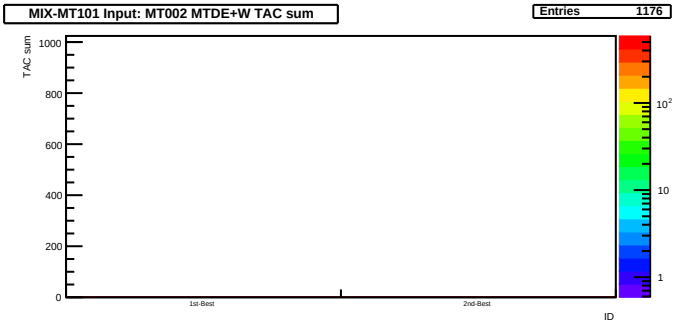

MXQ-MT005
Entries 18816

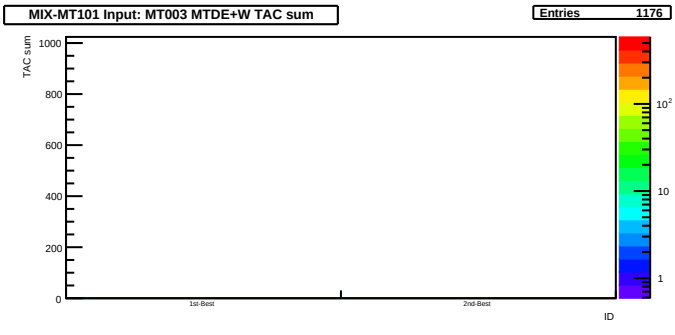

MXQ-MT006
Entries 0

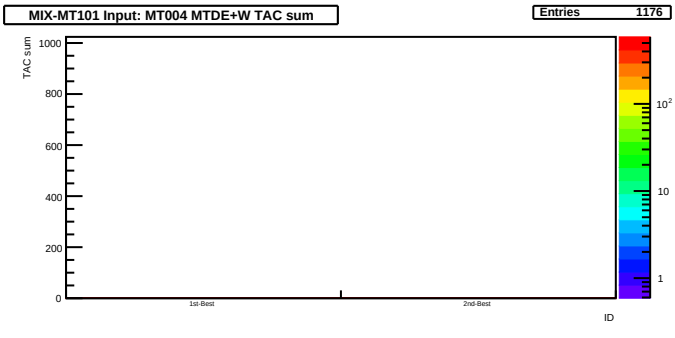

MXQ-MT007
Entries 0

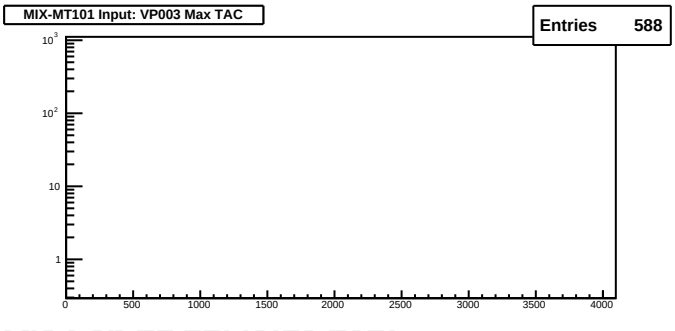

MXQ-MT008
Entries 0

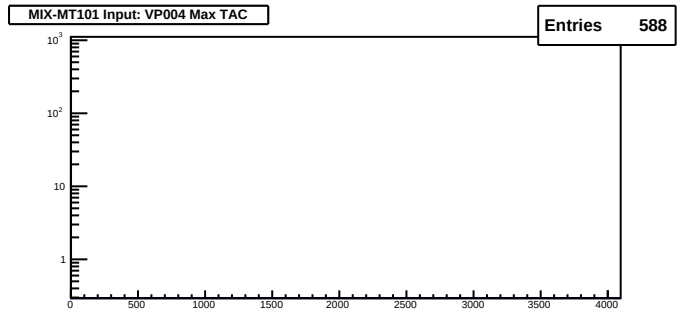

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1176
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

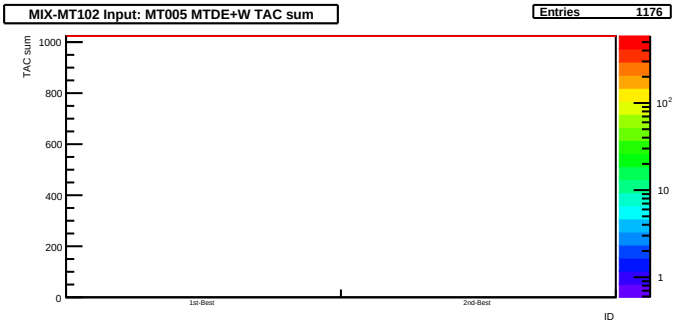

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1176
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

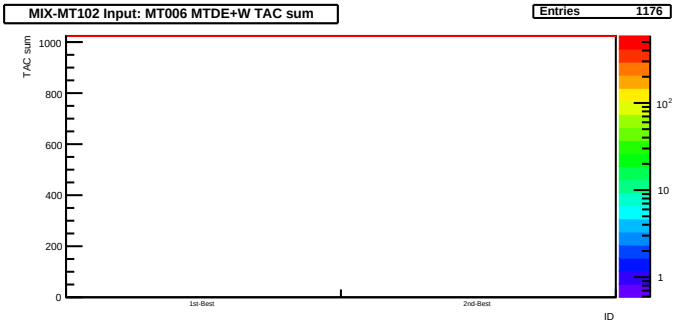

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1176
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

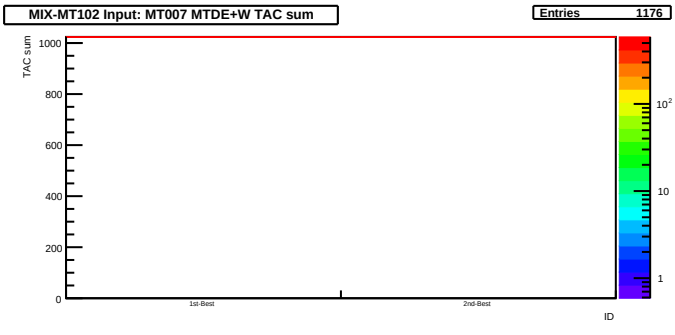

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1176
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

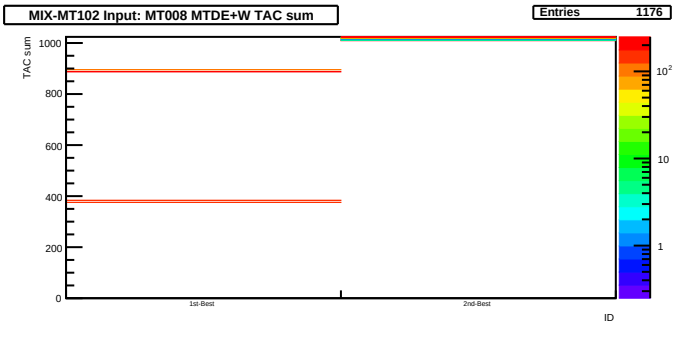

MIX-MT101 Input: VP003 Max TAC
Entries 588
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

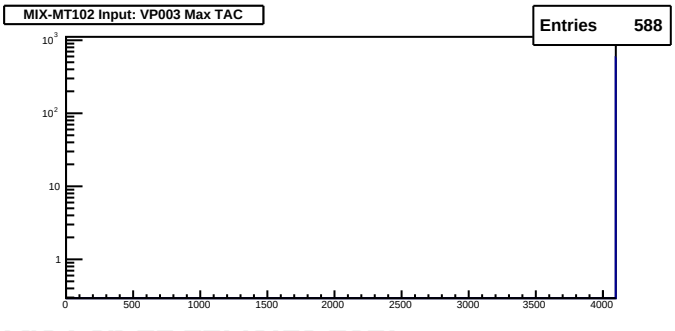

MIX-MT101 Input: VP004 Max TAC
Entries 588
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

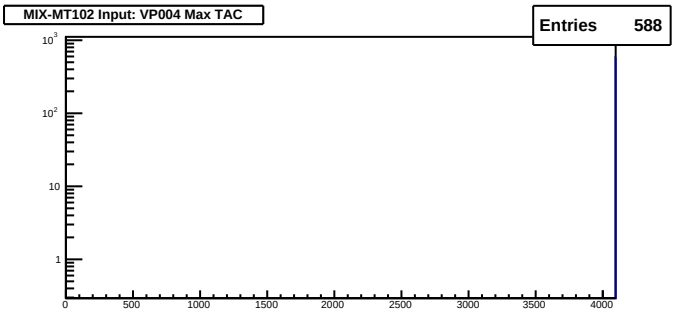

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1176
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

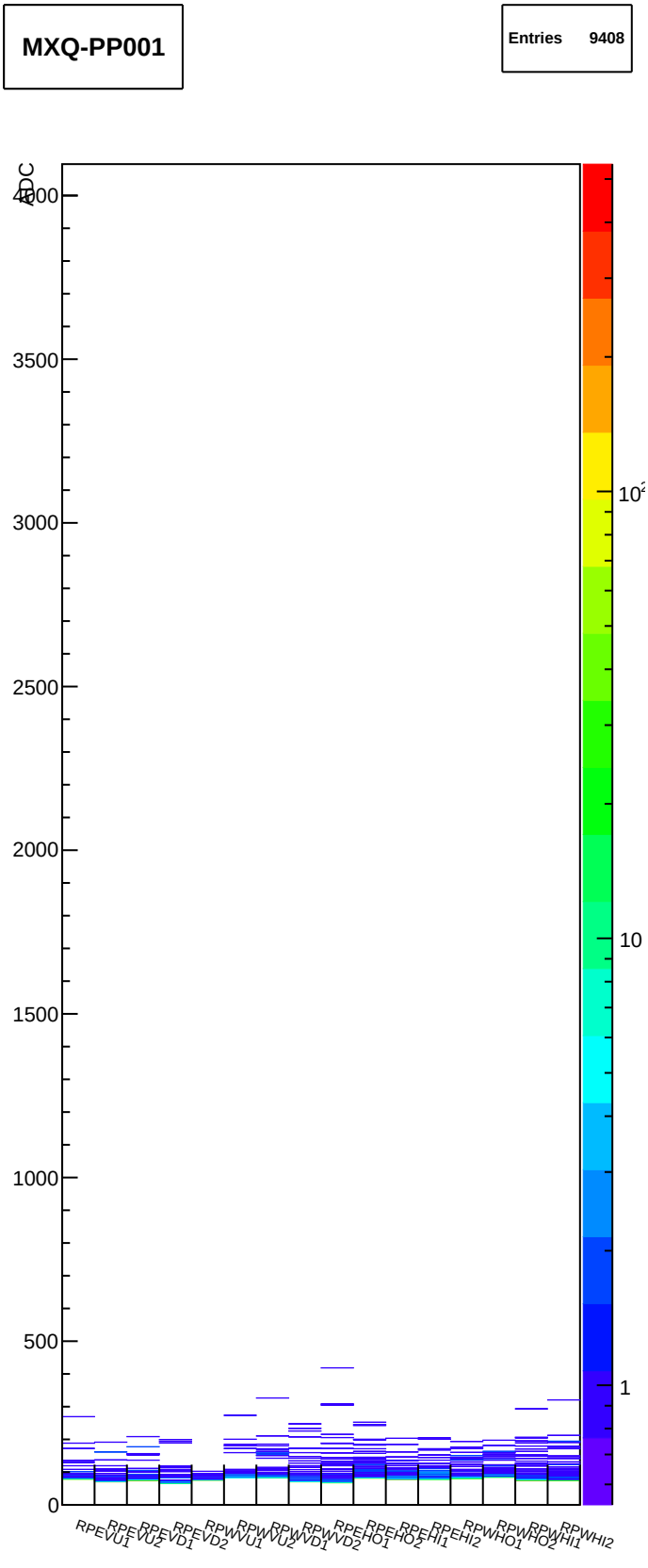

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1176
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

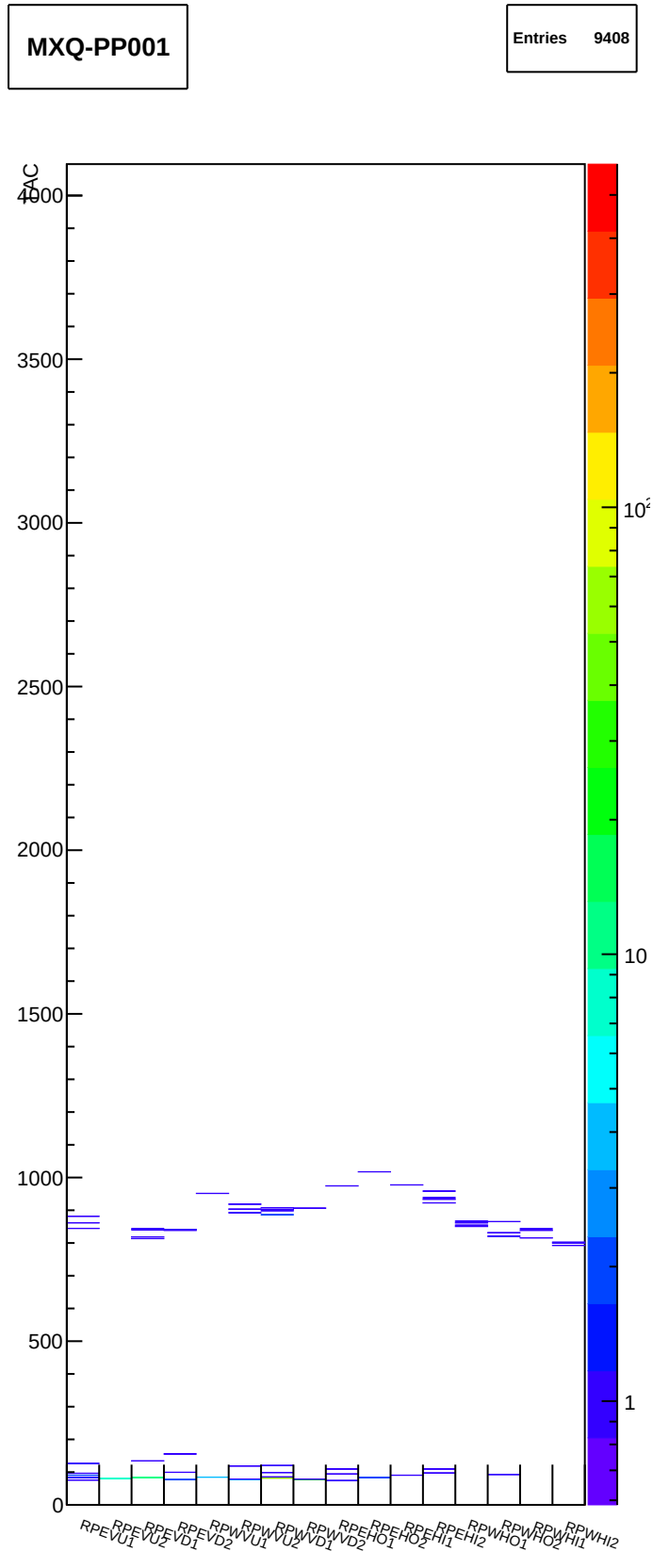

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1176
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

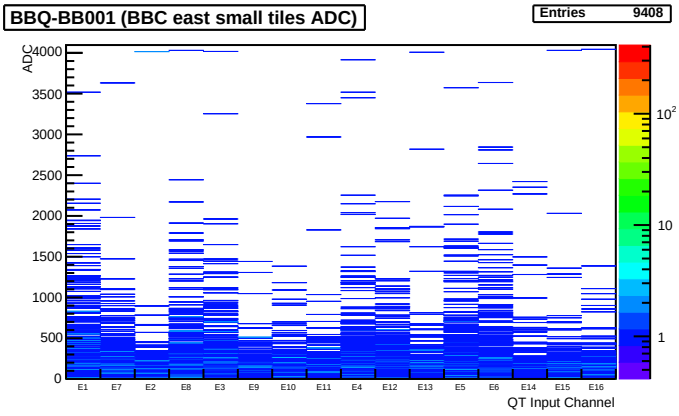

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1176
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

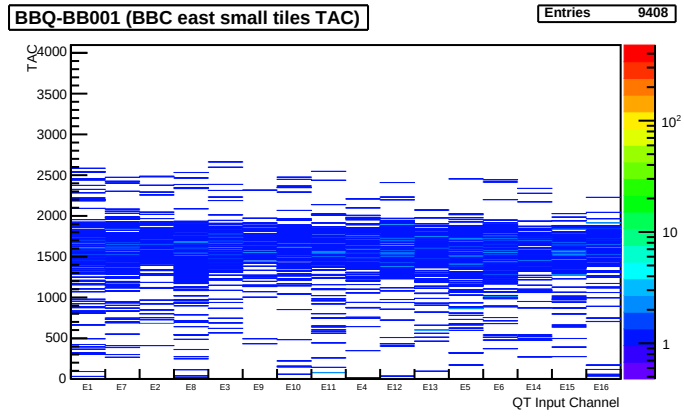

MIX-MT102 Input: VP003 Max TAC
Entries 588
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

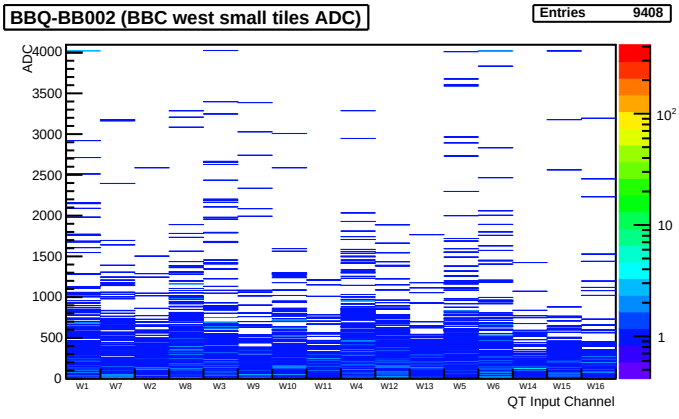

MIX-MT102 Input: VP004 Max TAC
Entries 588
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

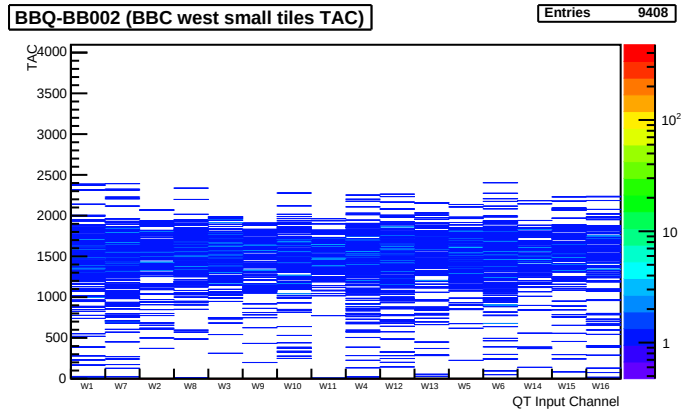

MXQ-PP001
Entries 9408
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10²
10
1

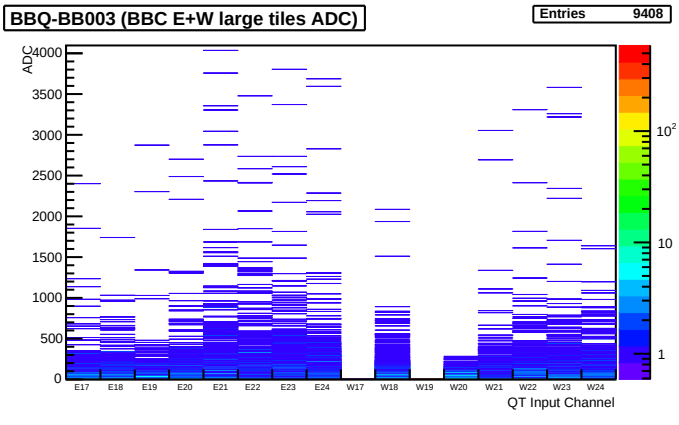

MXQ-PP001
Entries 9408
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10²
10
1

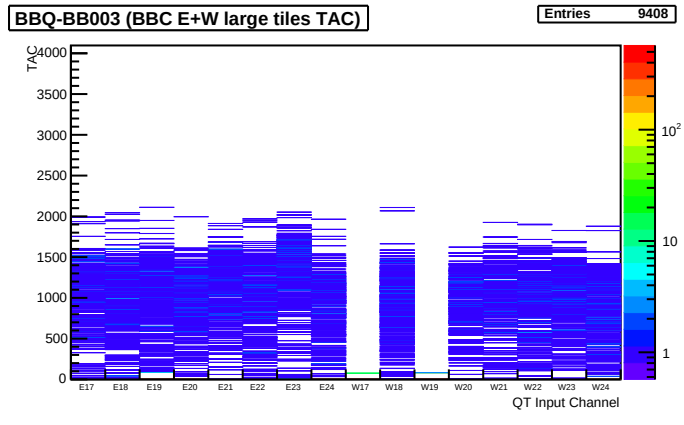

BBQ-BB001 (BBC east small tiles ADC)
Entries 9408
ADC
QT Input Channel

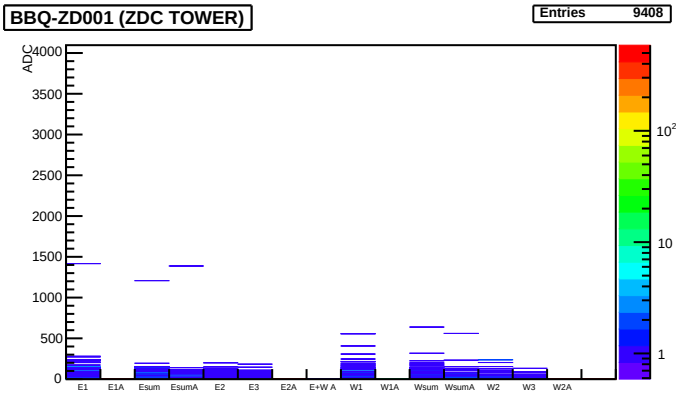

BBQ-BB001 (BBC east small tiles TAC)
Entries 9408
TAC
QT Input Channel

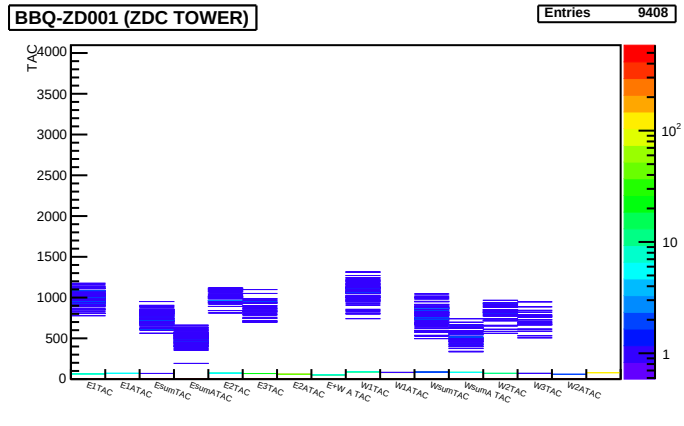

BBQ-BB002 (BBC west small tiles ADC)
Entries 9408
ADC
QT Input Channel

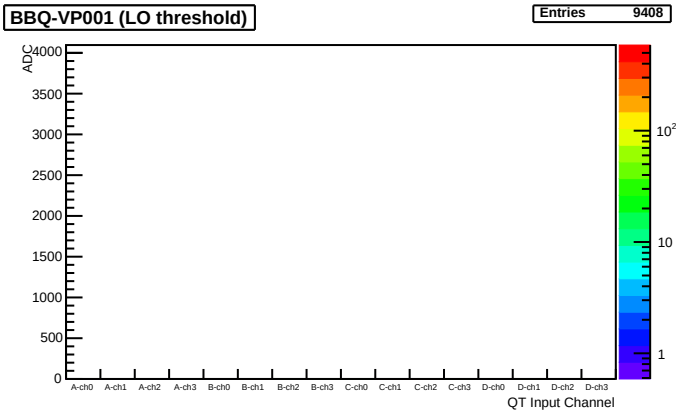

BBQ-BB002 (BBC west small tiles TAC)
Entries 9408
TAC
QT Input Channel

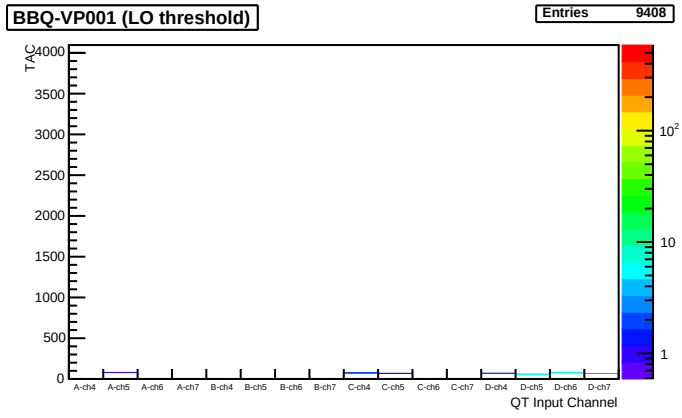

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9408
ADC
QT Input Channel

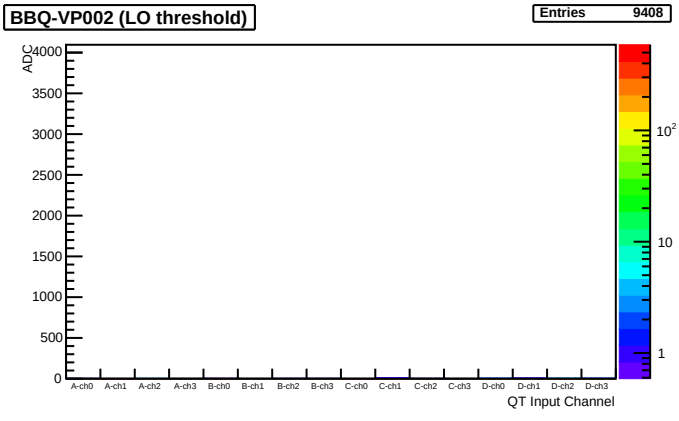

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9408
TAC
QT Input Channel

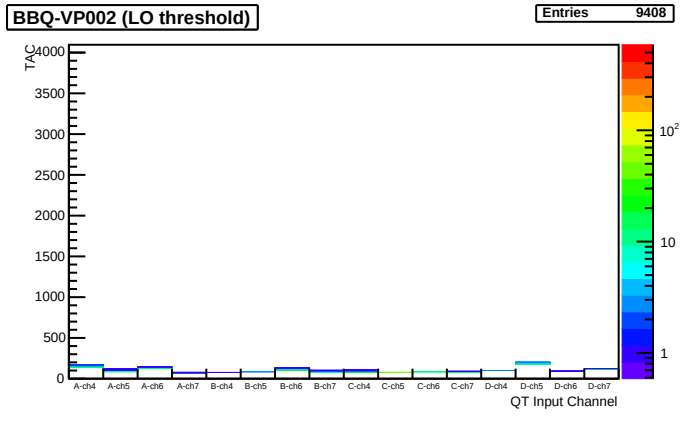

BBQ-ZD001 (ZDC TOWER)
Entries 9408
ADC

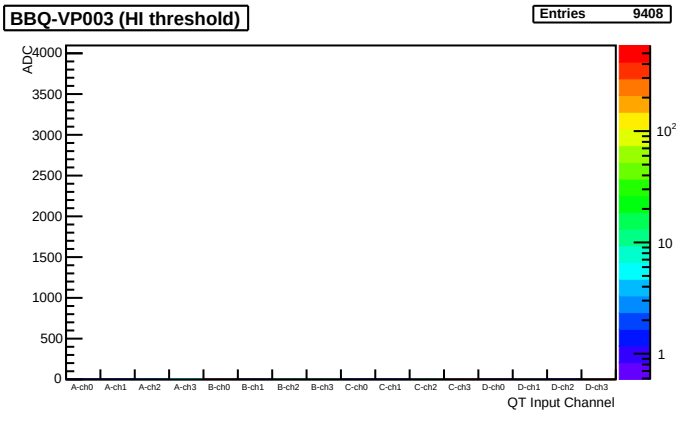

BBQ-ZD001 (ZDC TOWER)
Entries 9408
TAC

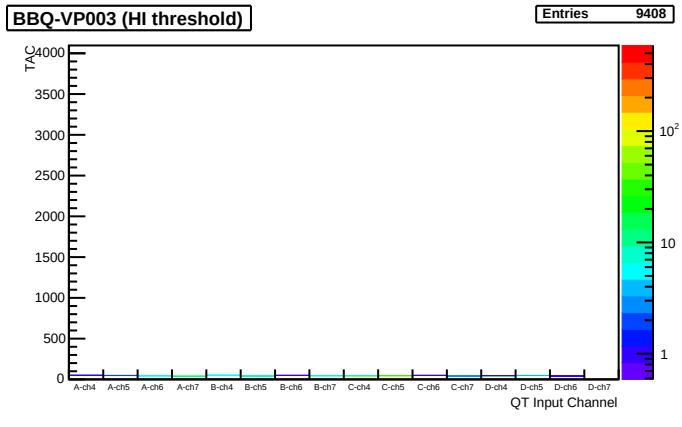

BBQ-VP001 (LO threshold)
Entries 9408
ADC
QT Input Channel

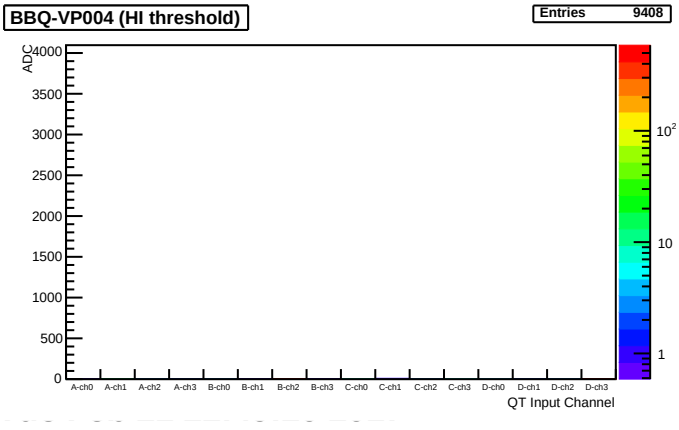

BBQ-VP001 (LO threshold)
Entries 9408
TAC
QT Input Channel

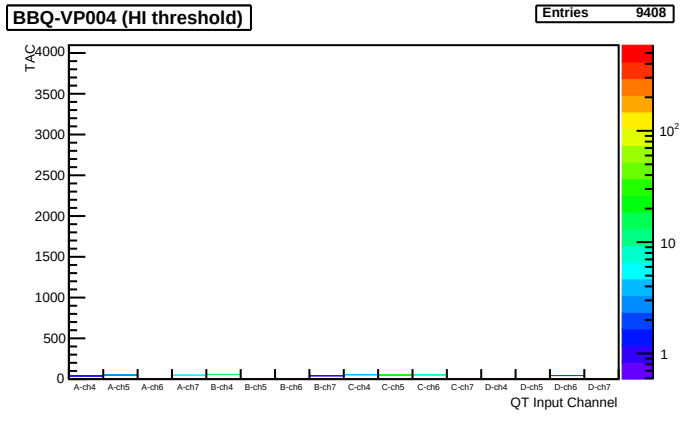

BBQ-VP002 (LO threshold)
Entries 9408
ADC
QT Input Channel

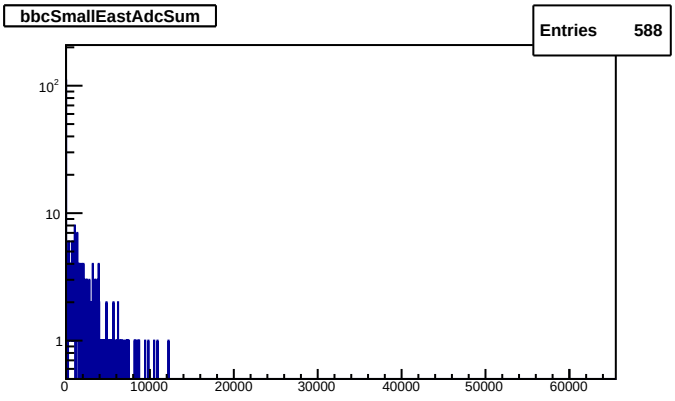

BBQ-VP002 (LO threshold)
Entries 9408
TAC
QT Input Channel

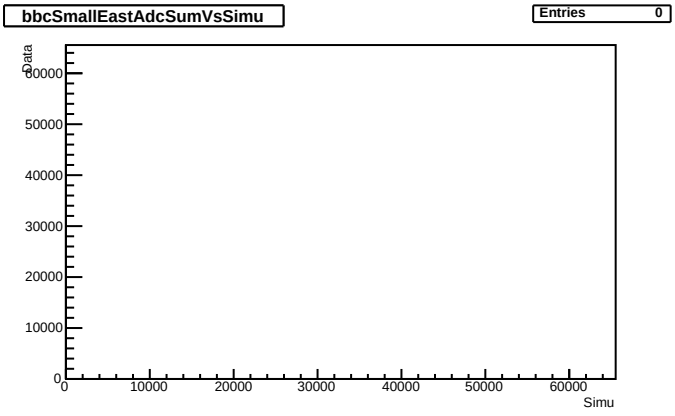

BBQ-VP003 (HI threshold)
Entries 9408
ADC
QT Input Channel

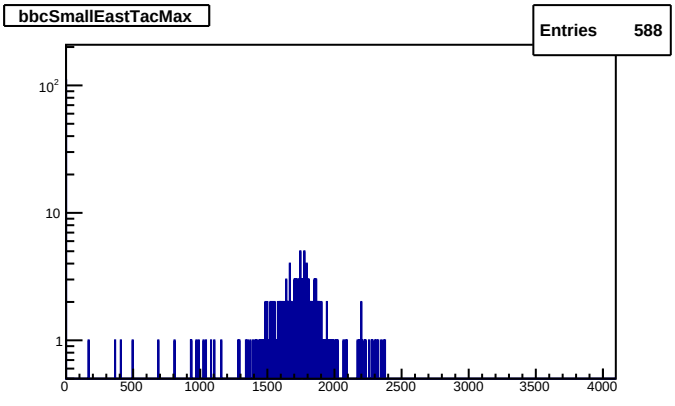

BBQ-VP003 (HI threshold)
Entries 9408
TAC
QT Input Channel

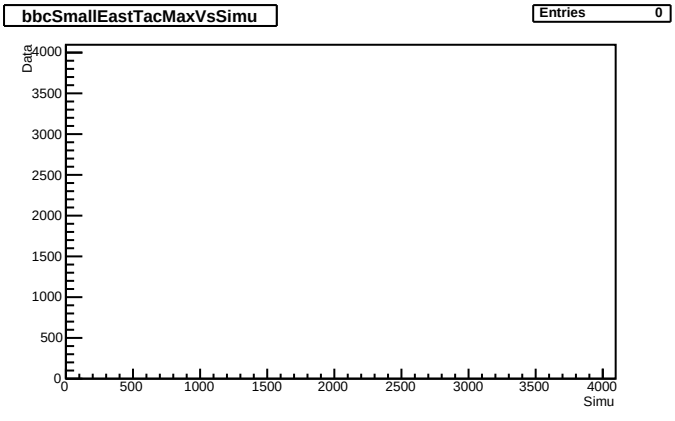

BBQ-VP004 (HI threshold)
Entries 9408
ADC
QT Input Channel

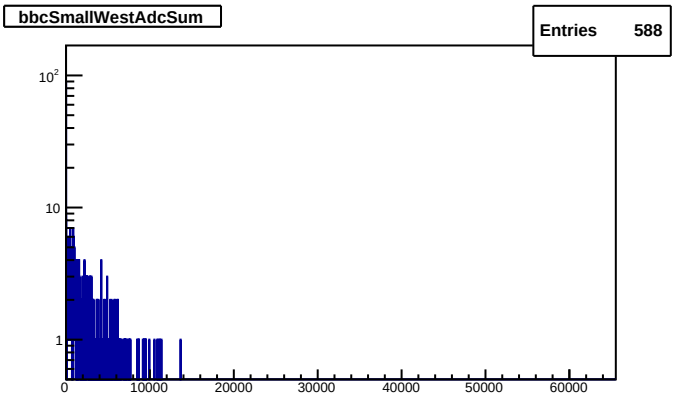

BBQ-VP004 (HI threshold)
Entries 9408
TAC
QT Input Channel

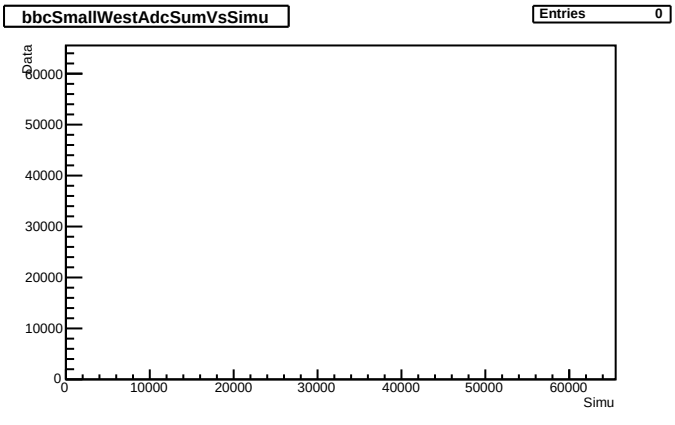

bbcSmallEastAdcSum
Entries 588

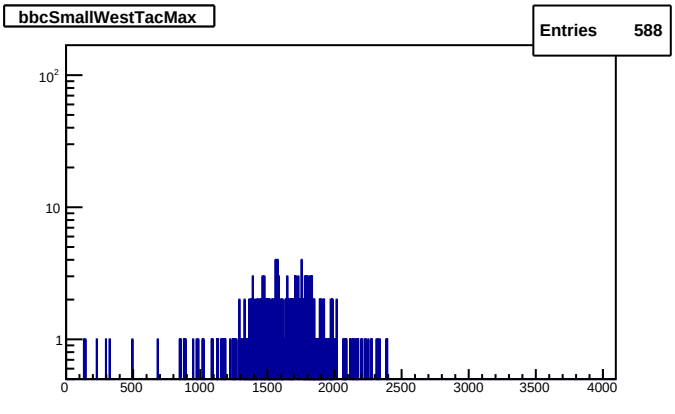

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

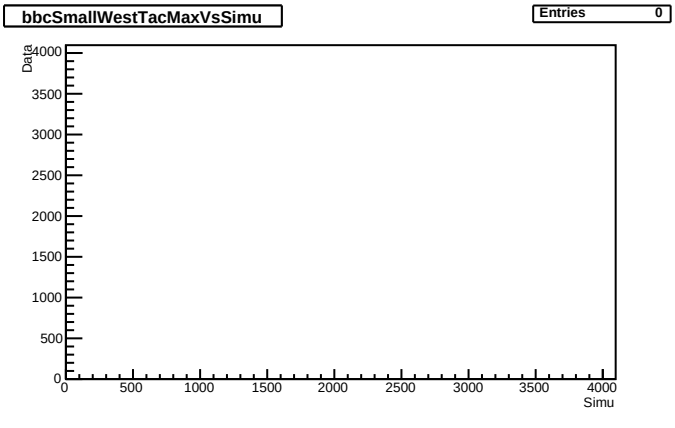

bbcSmallEastTacMax
Entries 588

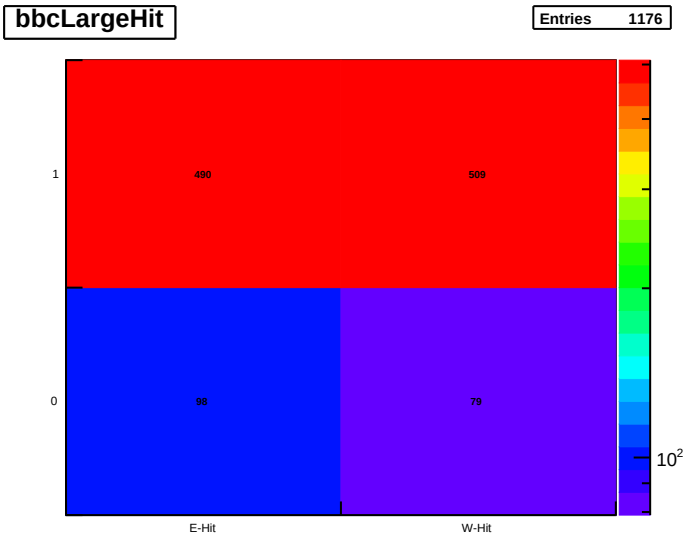

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

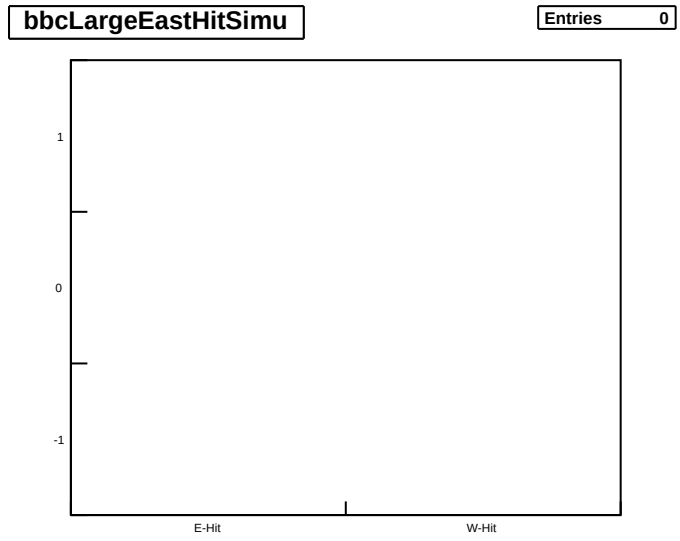

bbcSmallWestAdcSum
Entries 588

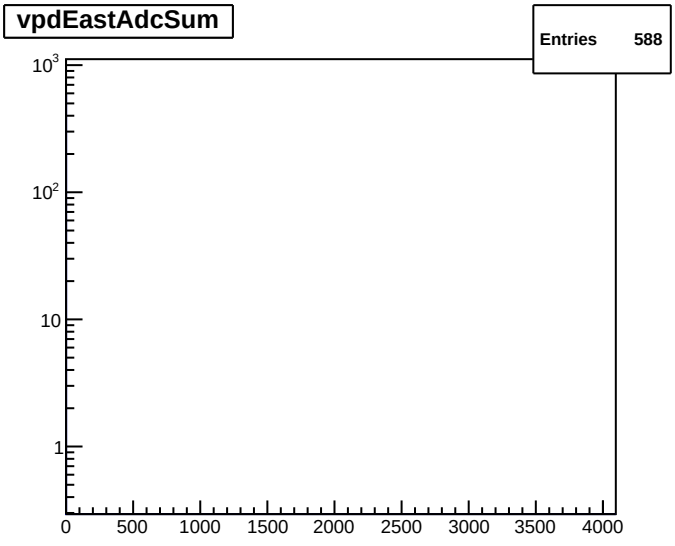

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

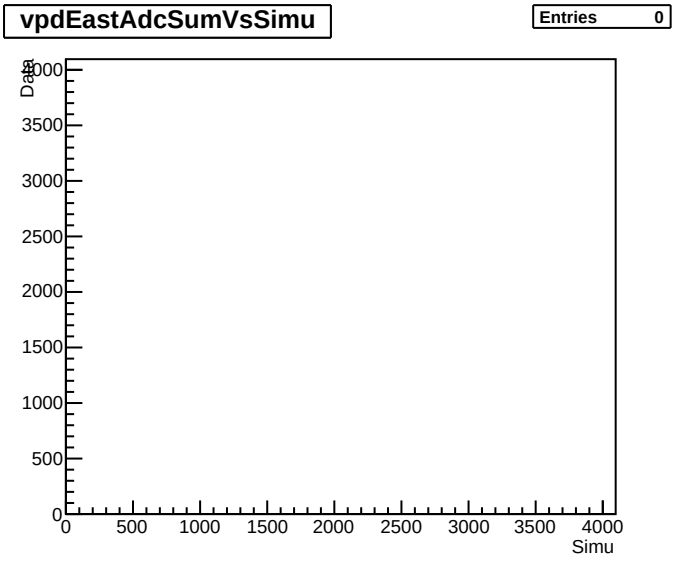

bbcSmallWestTacMax
Entries 588

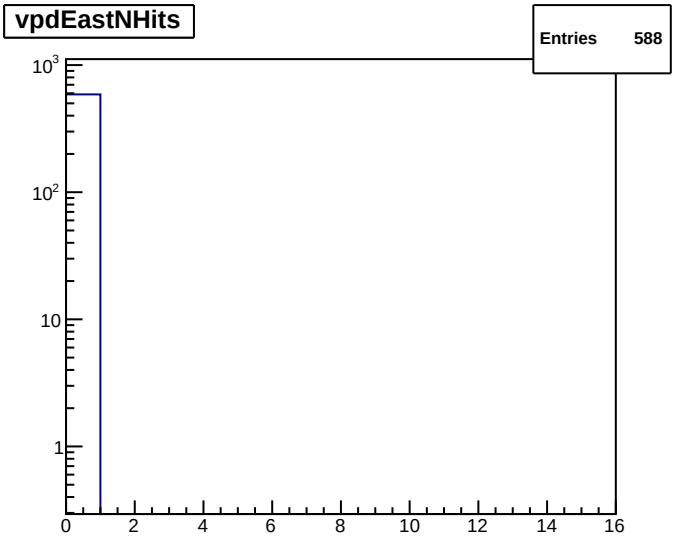

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

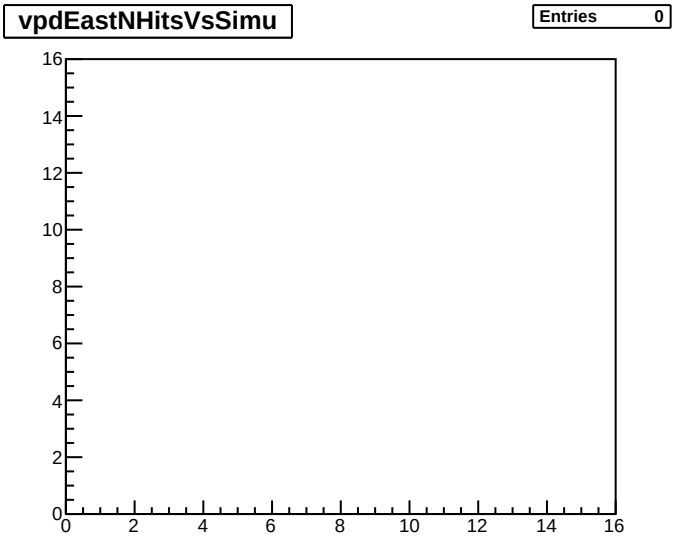

bbcLargeHit
Entries 1176
1
0
490
509
98
79
E-Hit
W-Hit
10^2

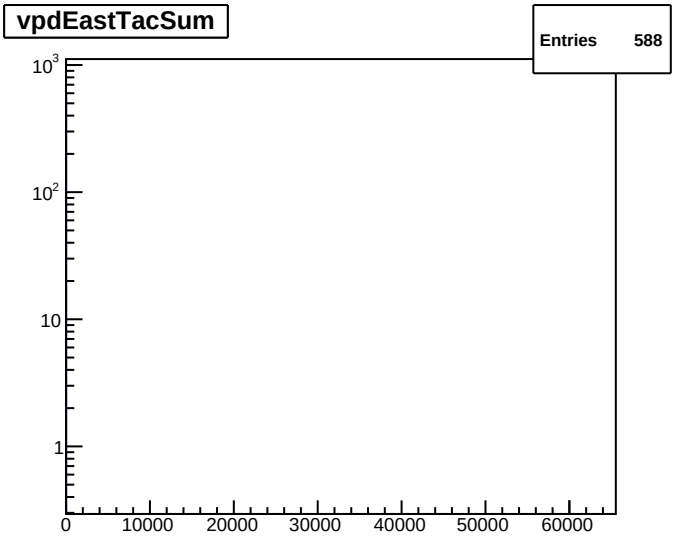

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

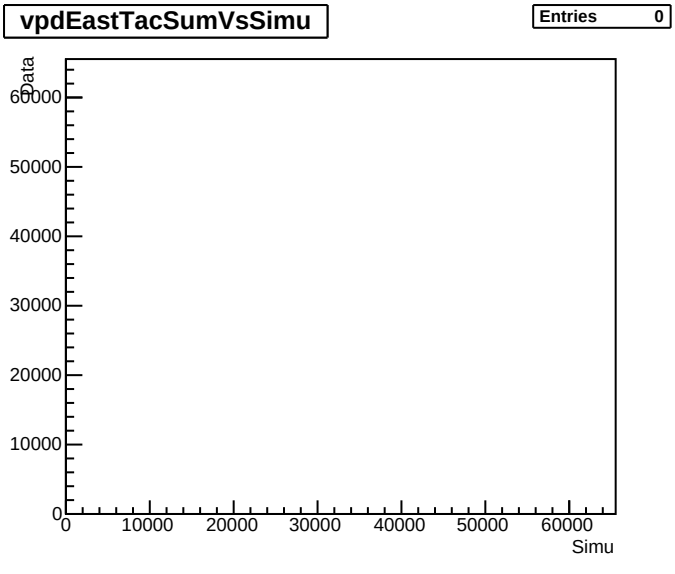

vpdEastAdcSum
Entries 588
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

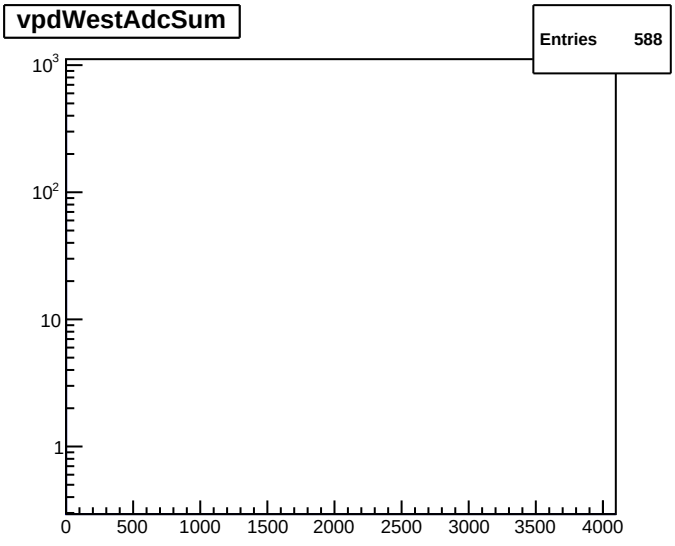

vpdEastAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

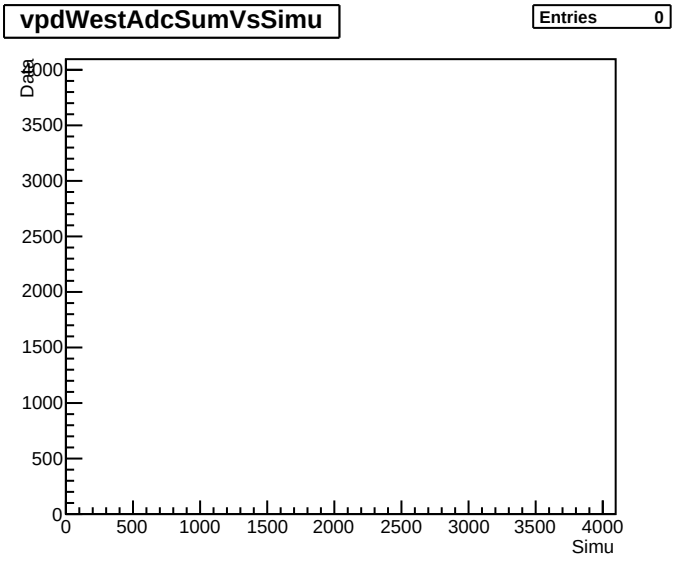

vpdEastNHits
Entries 588
10^3
10^2
10
1
0 2 4 6 8 10 12 14 16

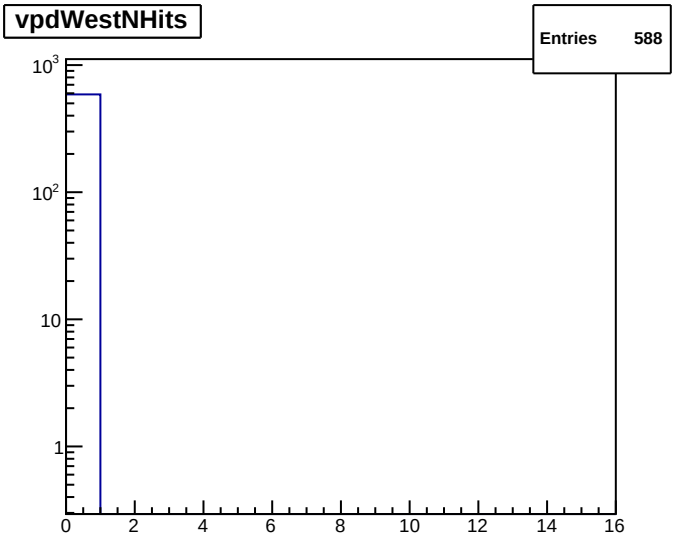

vpdEastNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

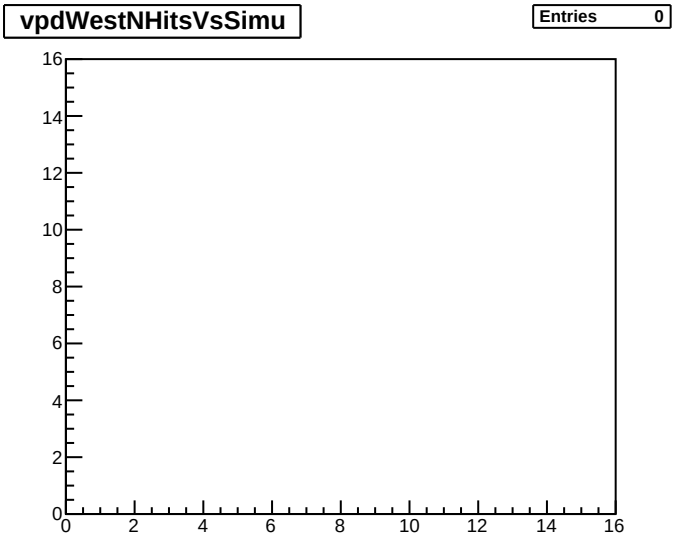

vpdEastTacSum
Entries 588
10^3
10^2
10
1
0 10000 20000 30000 40000 50000 60000

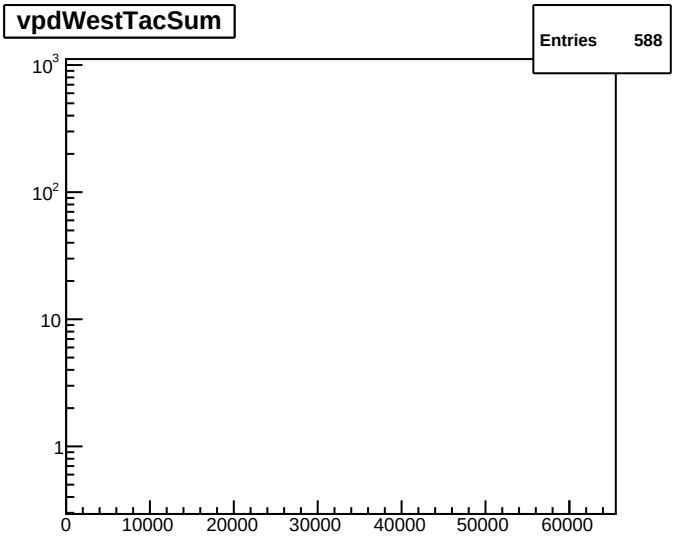

vpdEastTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

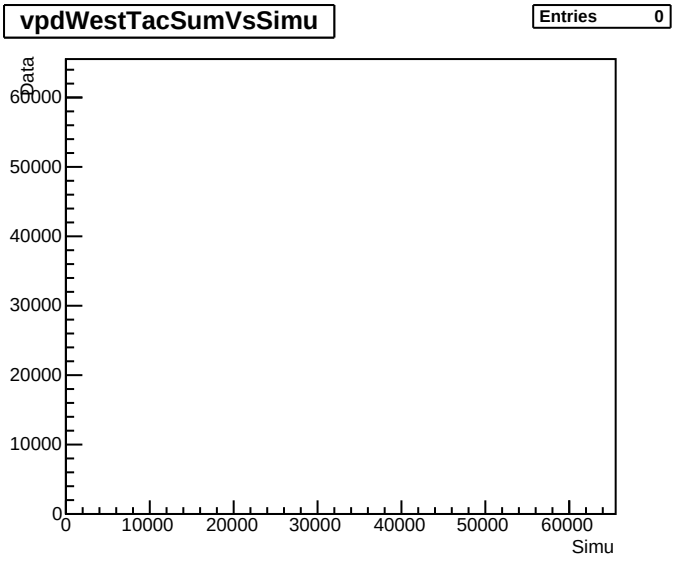

vpdWestAdcSum
Entries 588
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

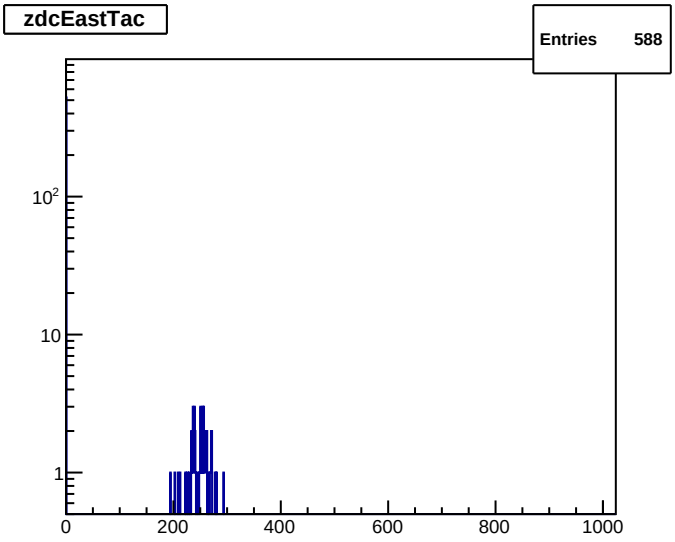

vpdWestAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

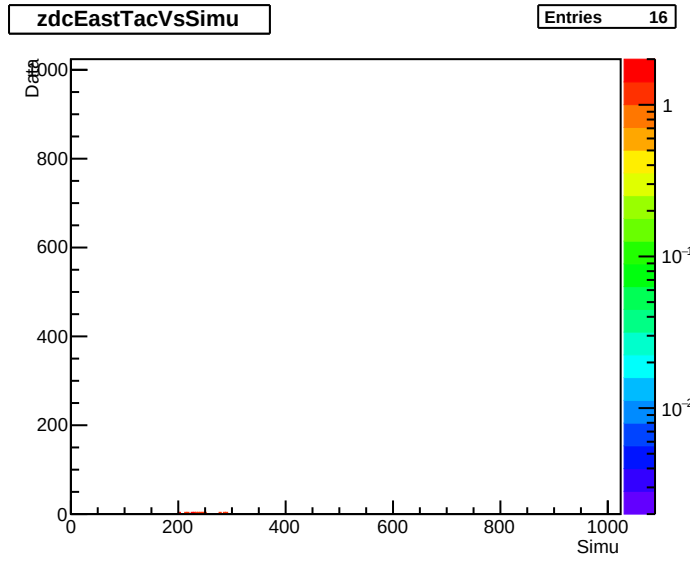

vpdWestNHits
Entries 588
10^3
10^2
10
1
0 2 4 6 8 10 12 14 16

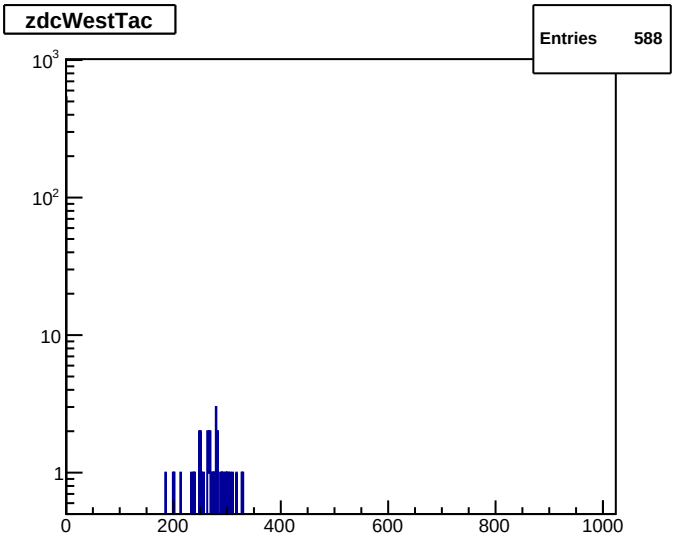

vpdWestNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

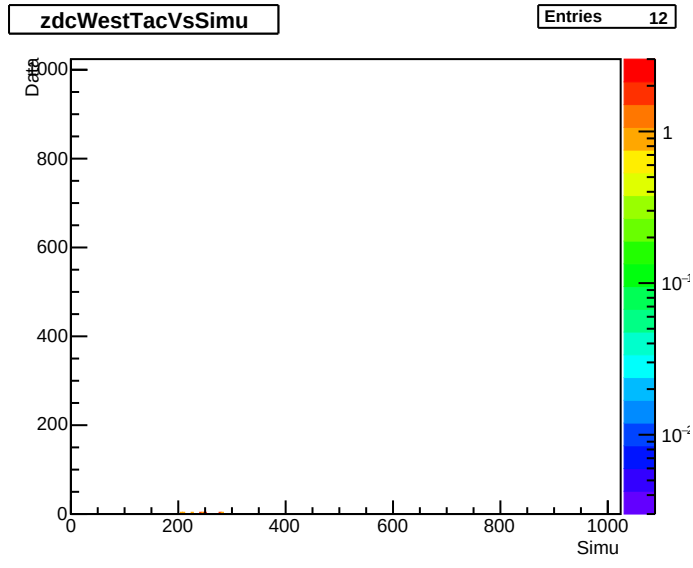

vpdWestTacSum
Entries 588
10^3
10^2
10
1
0 10000 20000 30000 40000 50000 60000

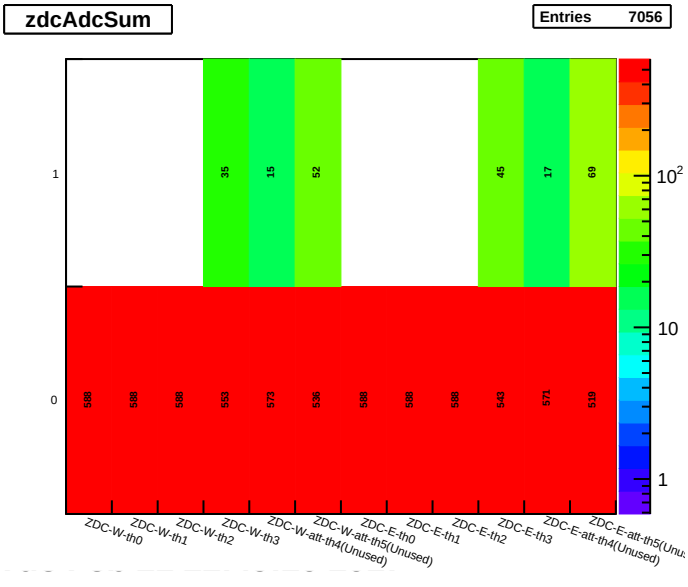

vpdWestTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

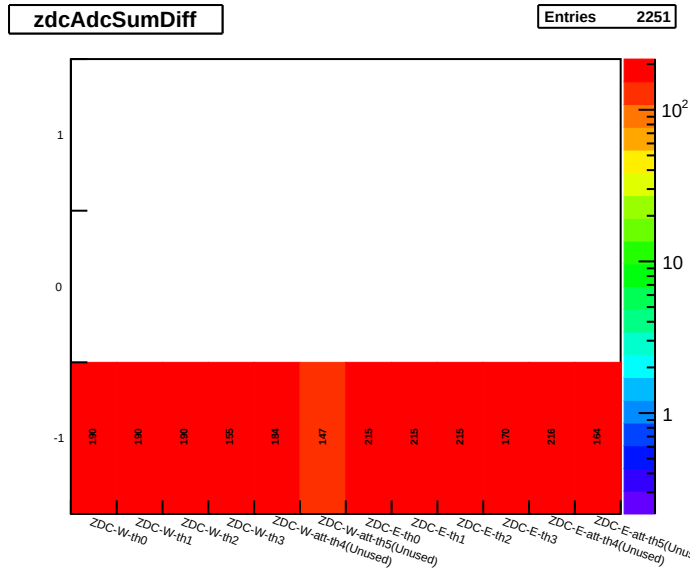

zdcEastTac
Entries 588
10^2
10
1
0
200
400
600
800
1000

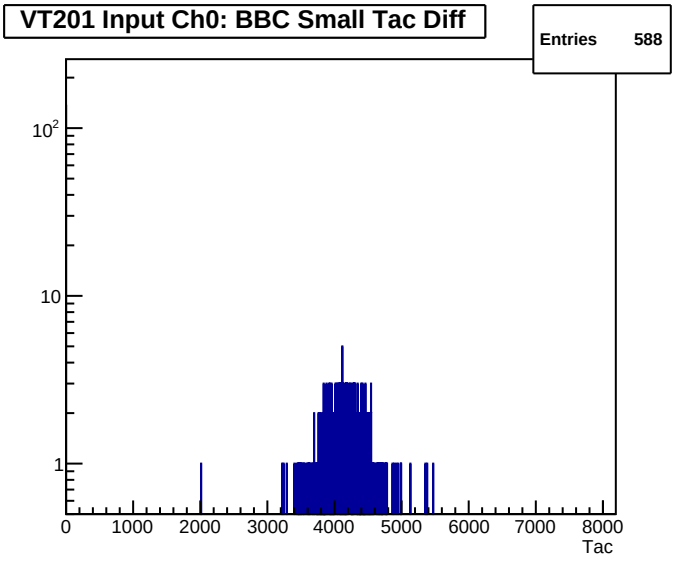

zdcEastTacVsSimu
Entries 16
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu
1
10^{-1}
10^{-2}

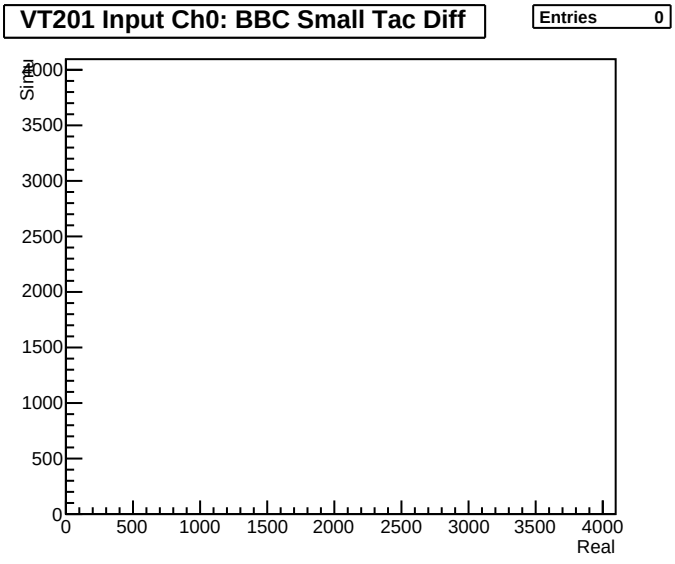

zdcWestTac
Entries 588
10^3
10^2
10
1
0
200
400
600
800
1000

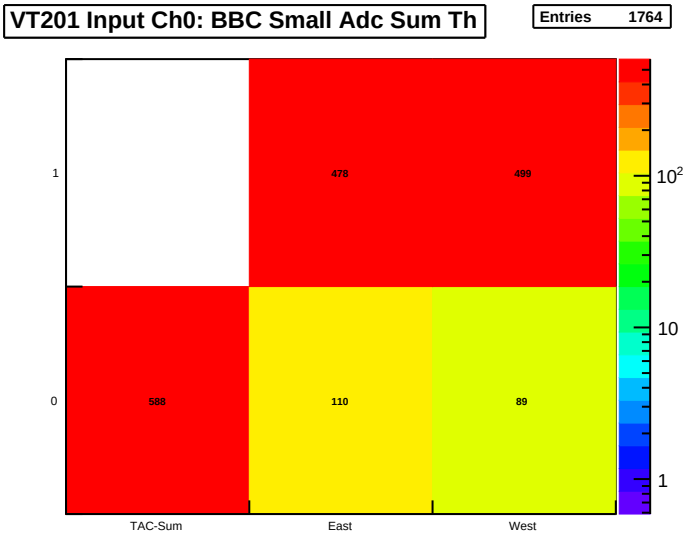

zdcWestTacVsSimu
Entries 12
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu
1
10^{-1}
10^{-2}

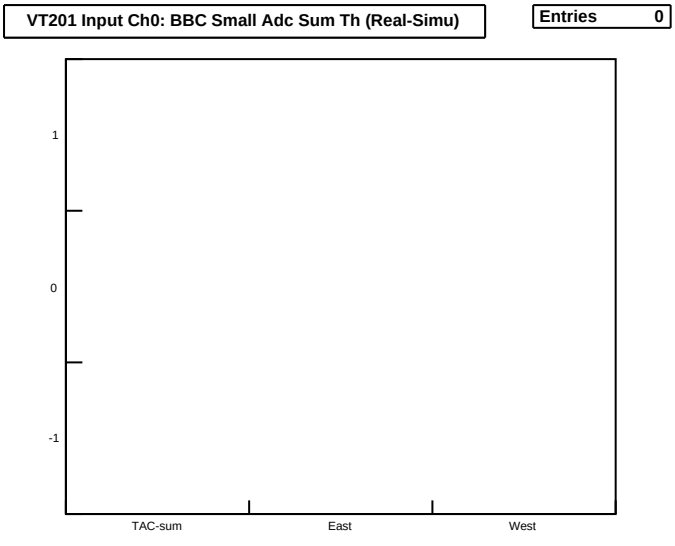

zdcAdcSum
Entries 7056
1
0
35
15
52
45
17
69
588
588
588
553
573
536
588
588
588
543
571
519
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

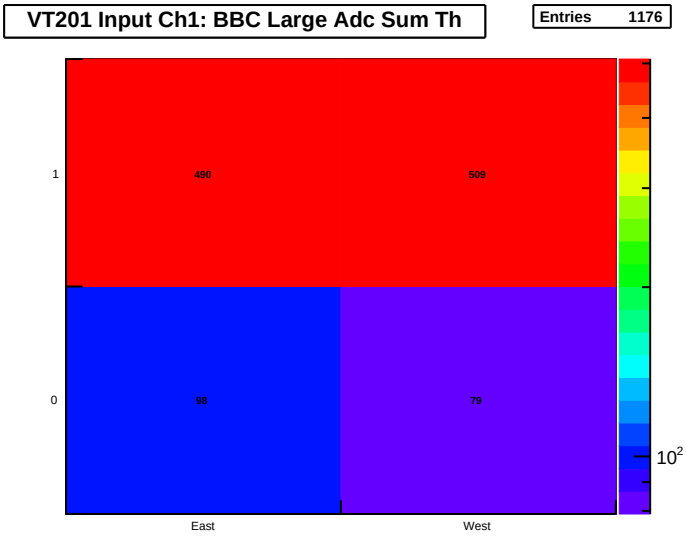

zdcAdcSumDiff
Entries 2251
1
0
-1
190
190
190
156
184
147
215
215
215
170
216
164
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

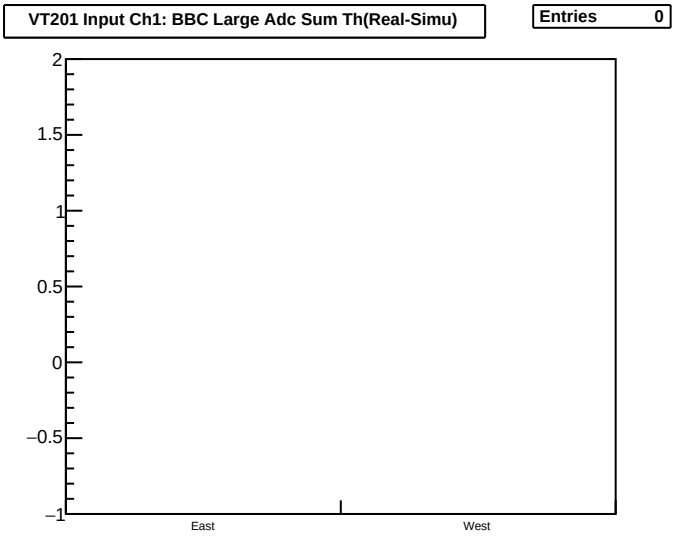

VT201 Input Ch0: BBC Small Tac Diff
Entries 588
Tac


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

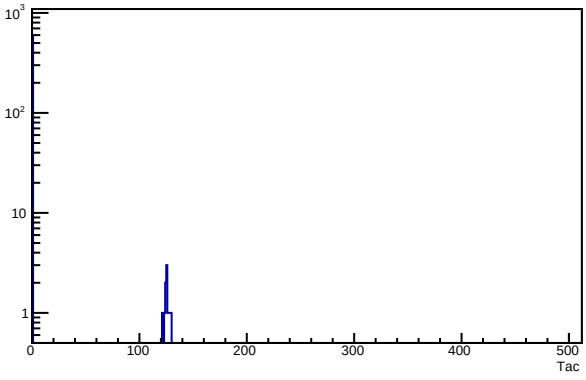

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1764
478
499
588
110
89
TAC-Sum
East
West


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

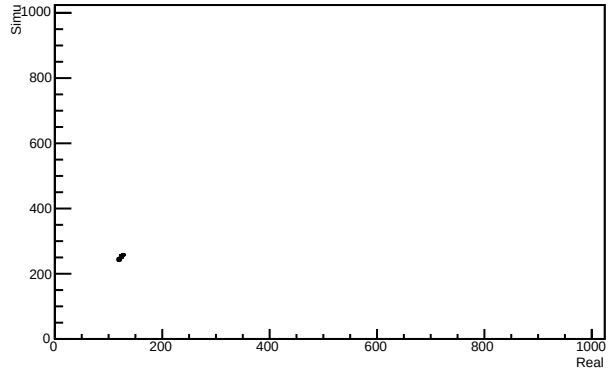

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1176
490
509
98
79
East
West


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

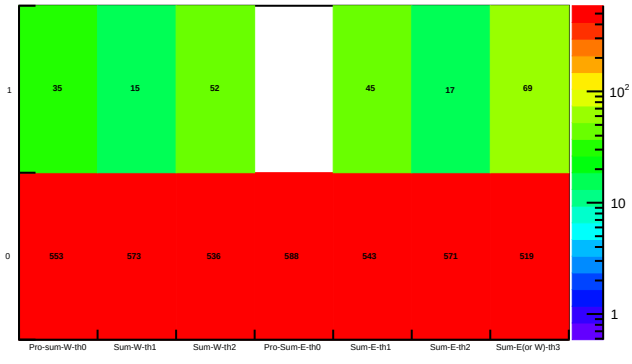
VT201 Input Ch2: ZDC Tac Diff



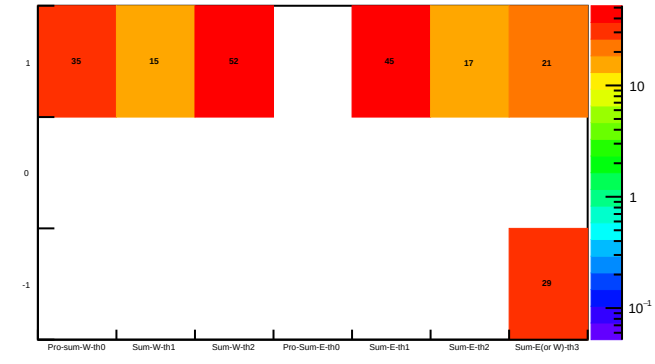
VT201 Input Ch2: ZDC Tac Diff



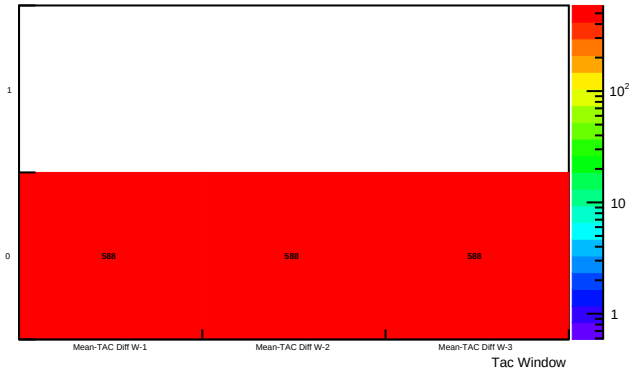
VT201 Input Ch2: ZDC Adc Sum Th



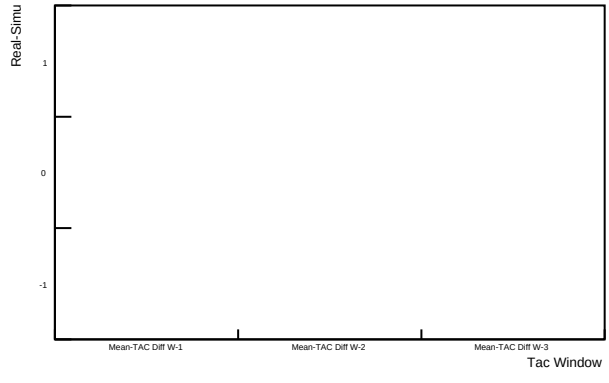
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



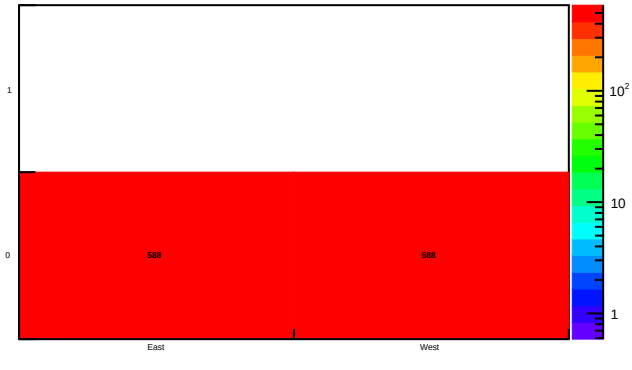
VT201 Input Ch4: VPD Tac Diff



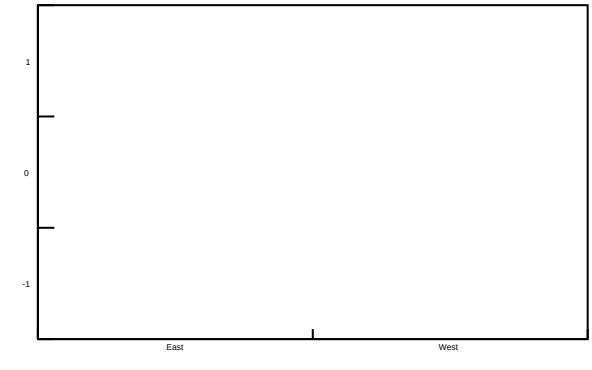
VT201 Input Ch4: VPD Tac Diff

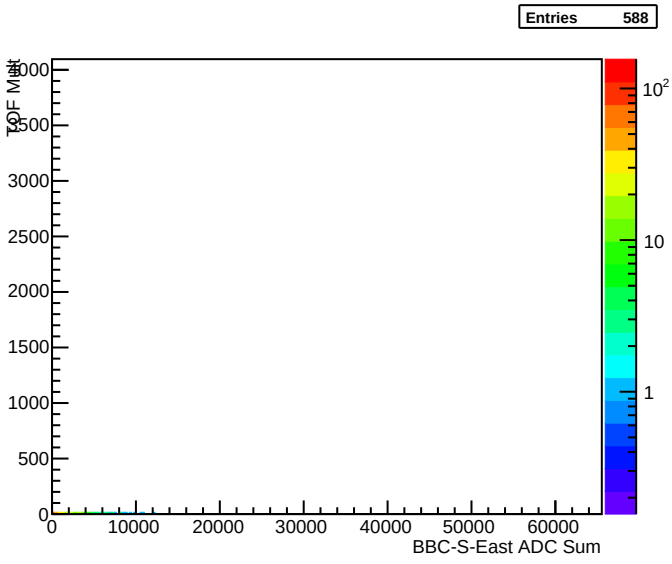


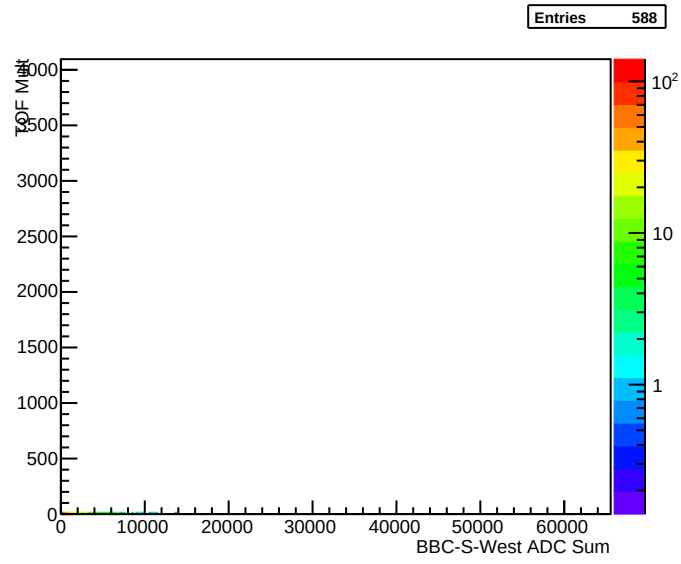
VT201 Input Ch4: VPD Adc Sum Th

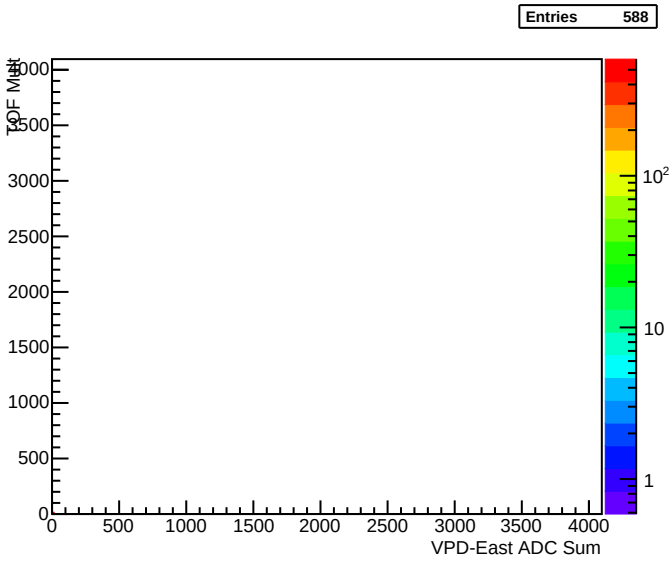


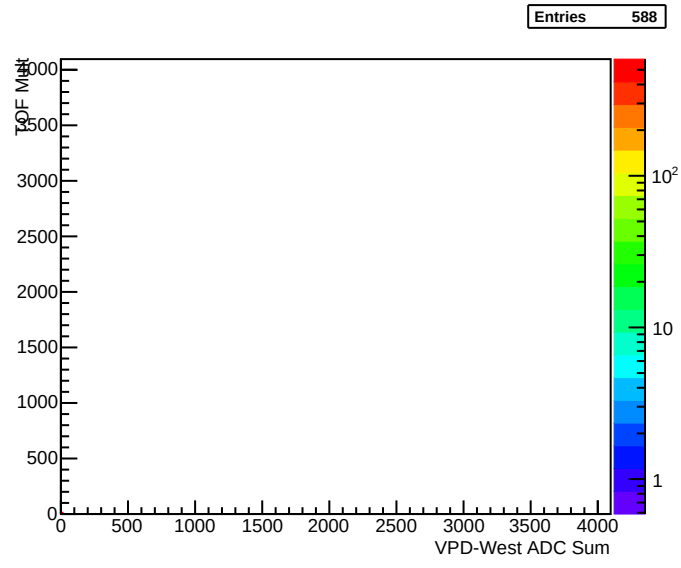
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

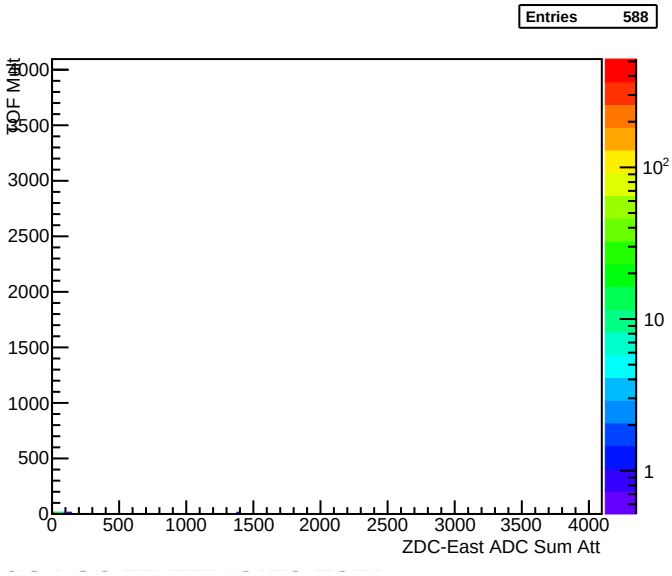


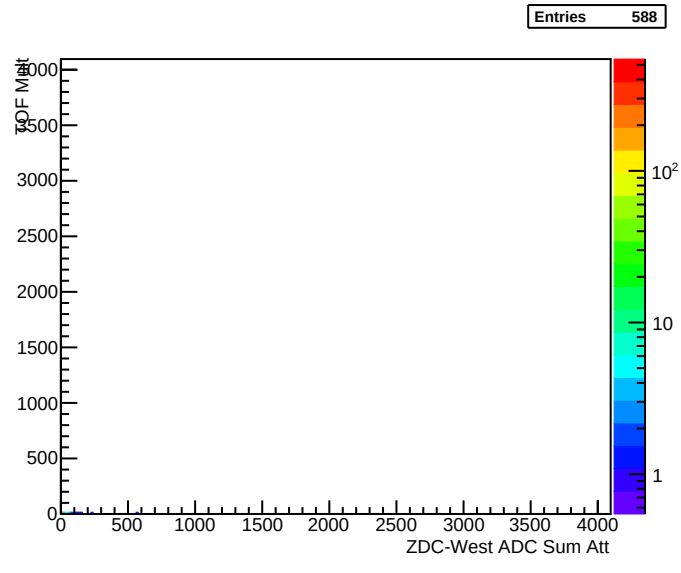

Entries 588
TOF Mult
BBC-S-East ADC Sum

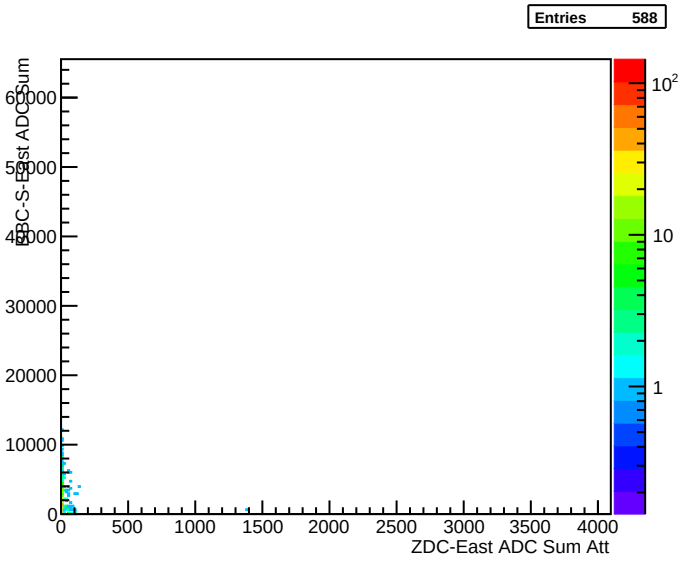

Entries 588
TOF Mult
BBC-S-West ADC Sum

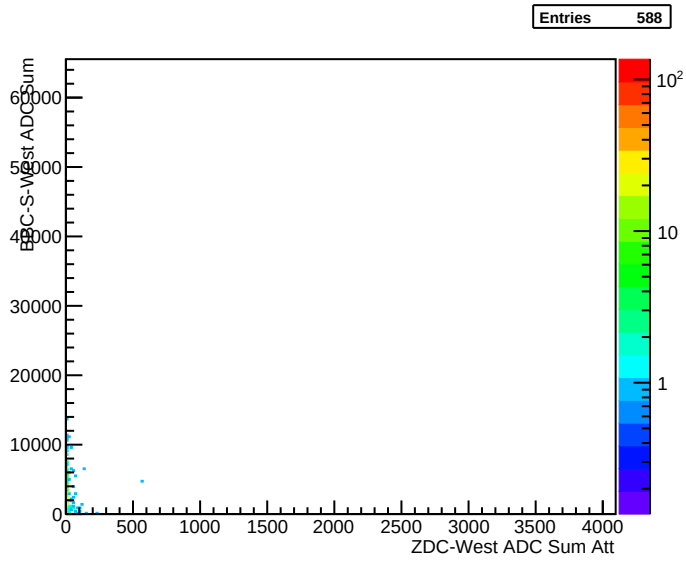

Entries 588
TOF Mult
VPD-East ADC Sum

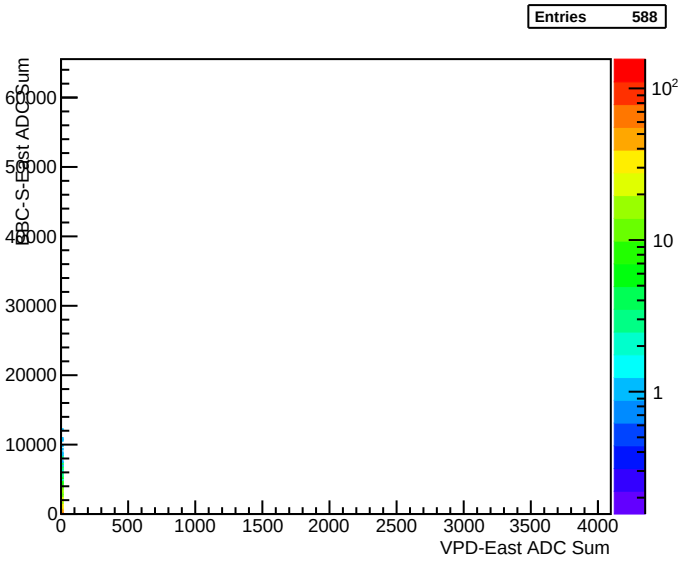

Entries 588
TOF Mult
VPD-West ADC Sum

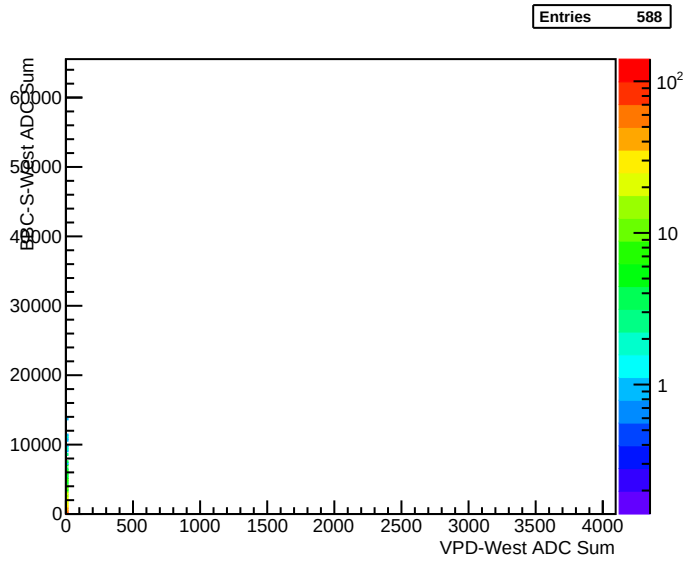

Entries 588
TOF Mult
ZDC-East ADC Sum Att

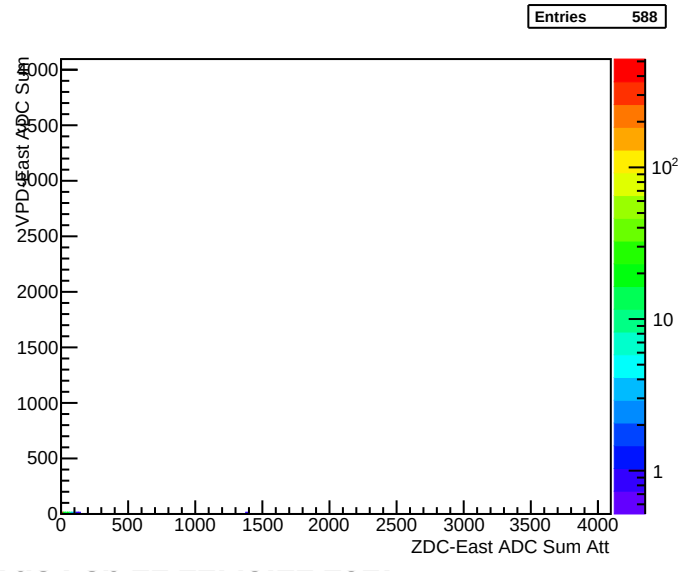

Entries 588
TOF Mult
ZDC-West ADC Sum Att

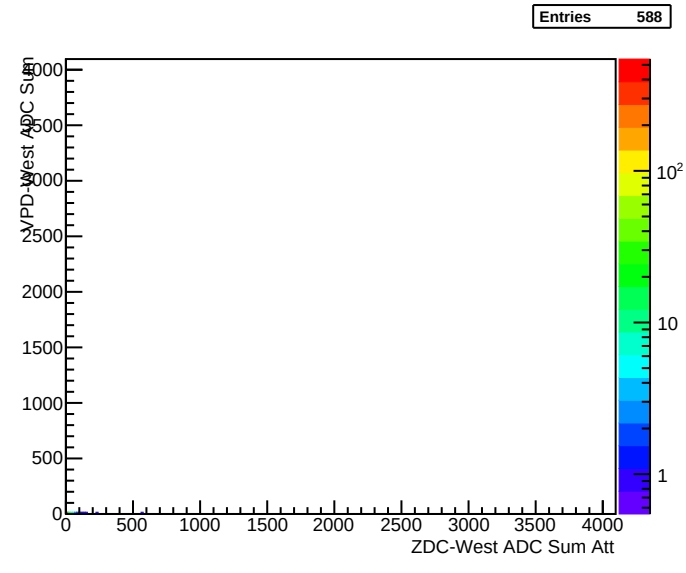

Entries 588
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

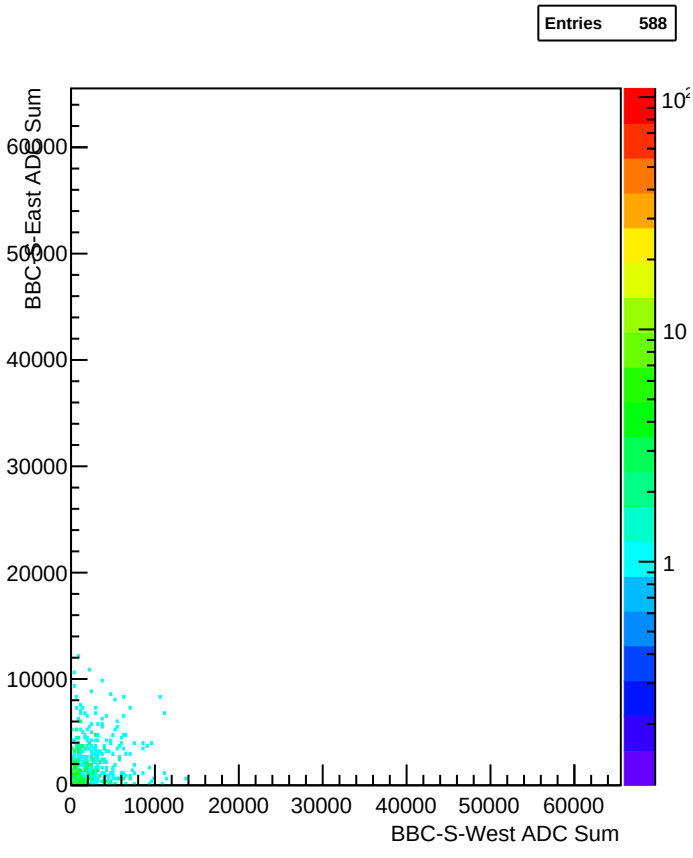

Entries 588
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

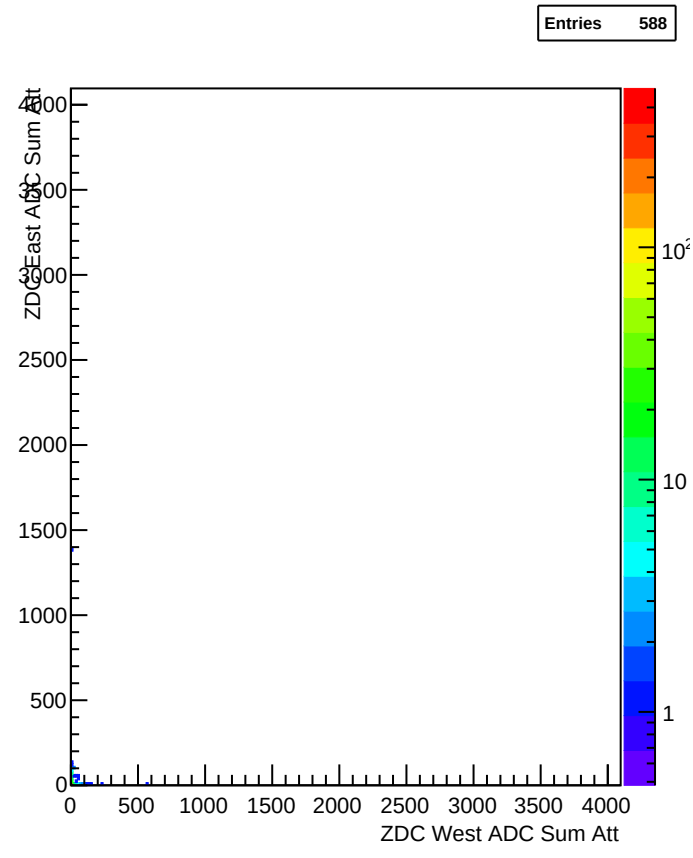

Entries 588
BBC-S-East ADC Sum
VPD-East ADC Sum

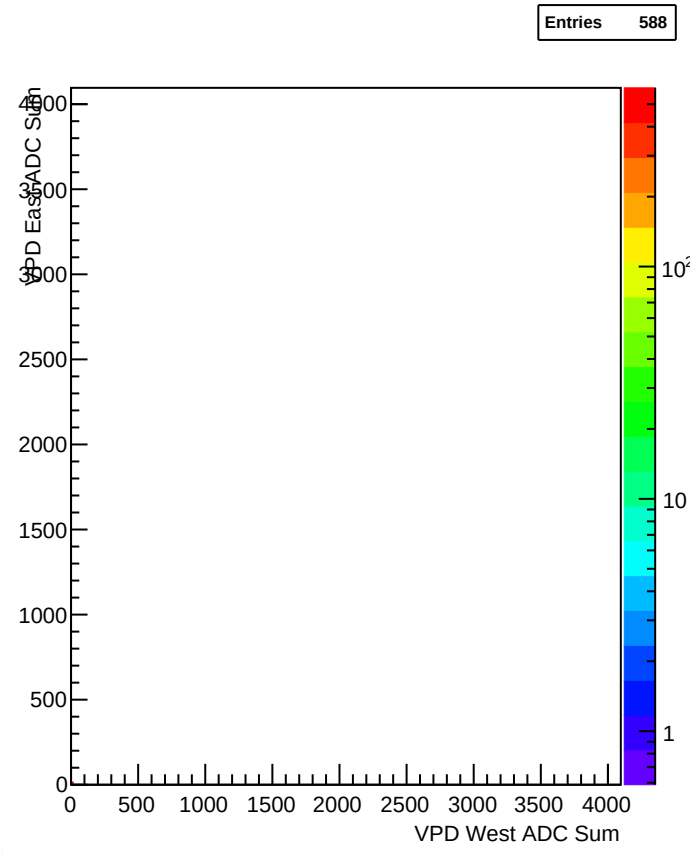

Entries 588
BBC-S-West ADC Sum
VPD-West ADC Sum

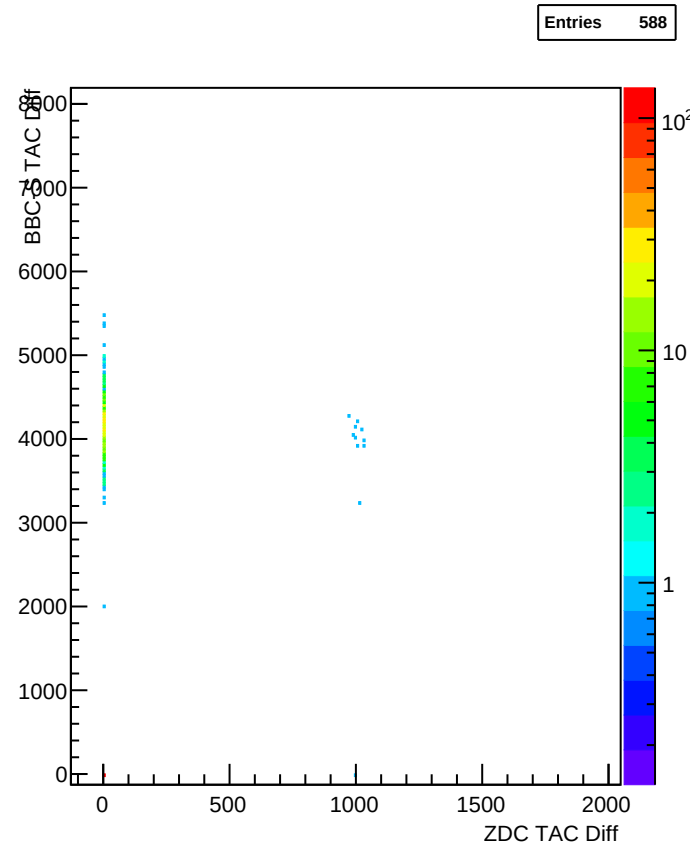

Entries 588
VPD-East ADC Sum
ZDC-East ADC Sum Att

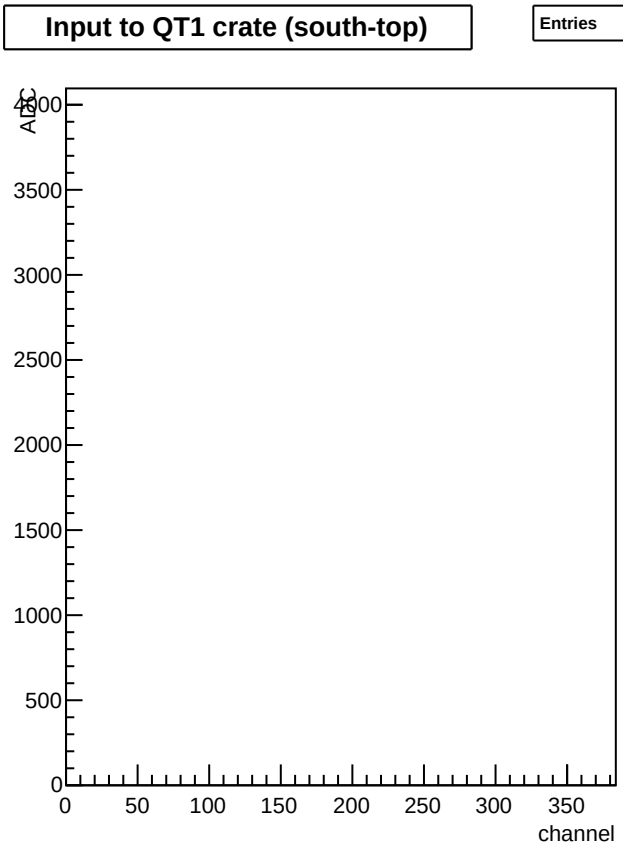

Entries 588
VPD-West ADC Sum
ZDC-West ADC Sum Att

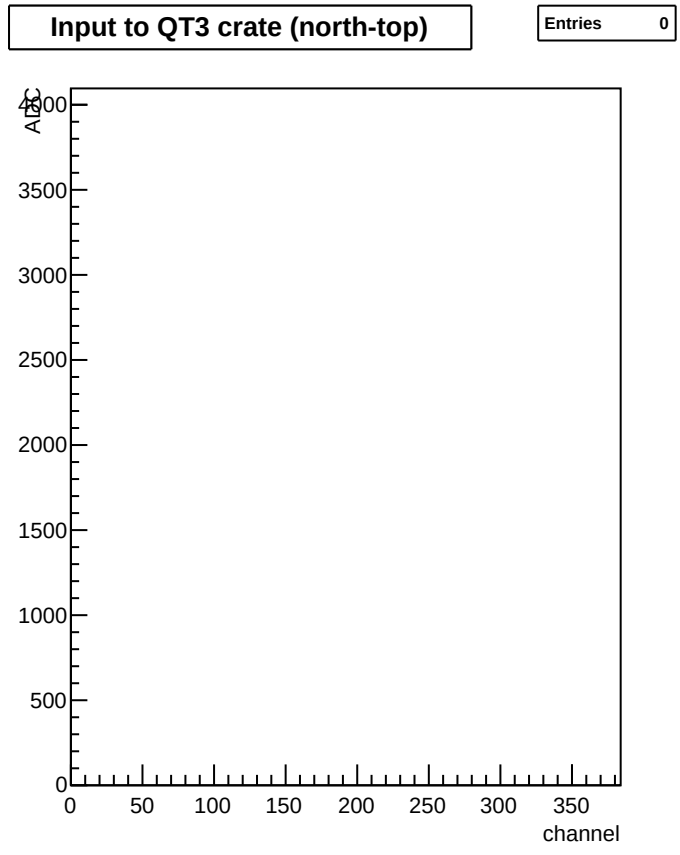

Entries 588
BBC-S-East ADC Sum
BBC-S-West ADC Sum
0
10000
20000
30000
40000
50000
60000
1
10
10²

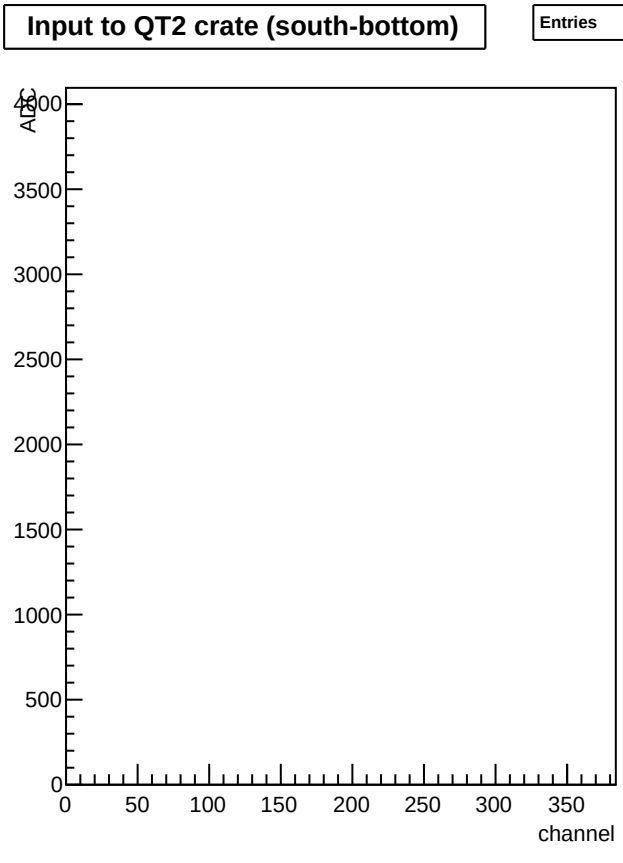

Entries 588
ZDC East ADC Sum Att
ZDC West ADC Sum Att
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10²

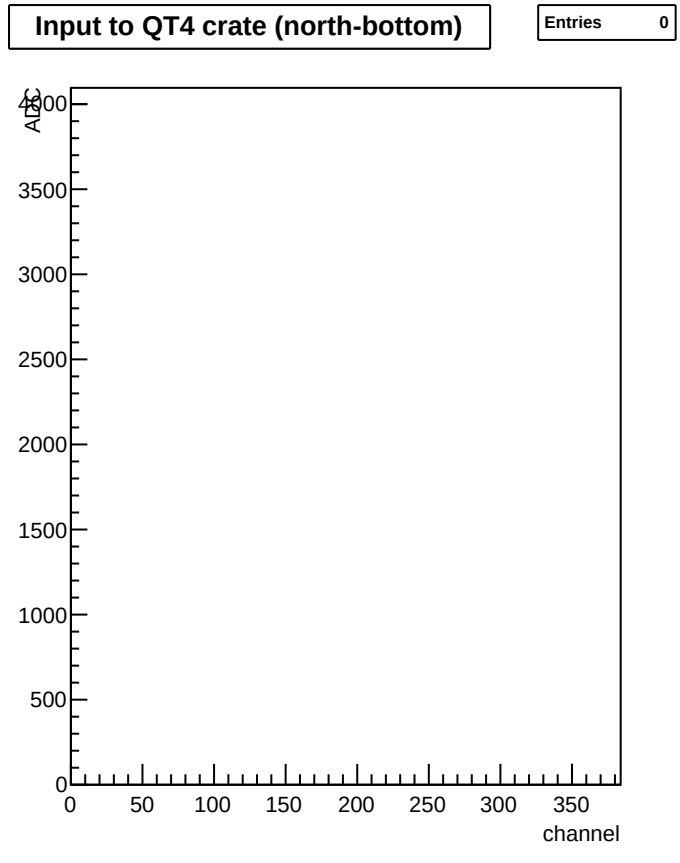

Entries 588
VPD East ADC Sum
VPD West ADC Sum
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10²

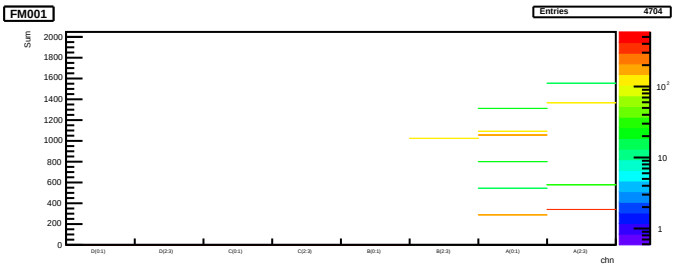

Entries 588
BBC-S TAC Diff
ZDC TAC Diff
0
1000
2000
3000
4000
5000
6000
7000
8000
500
1500
1
10
10²

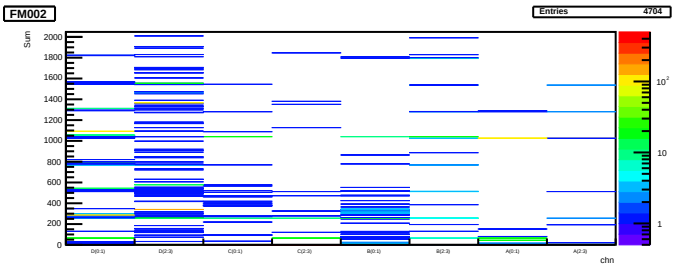

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

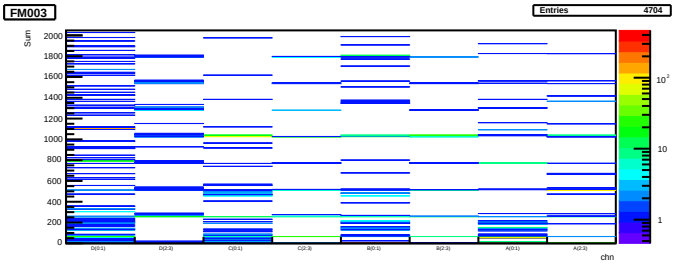

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

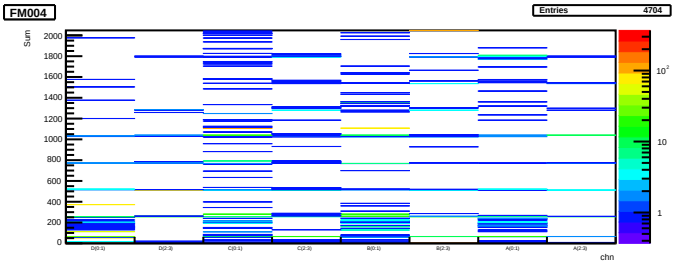

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

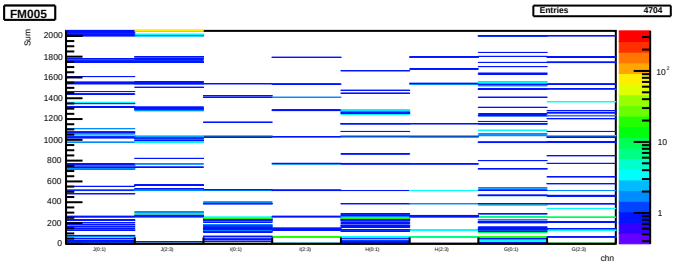

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

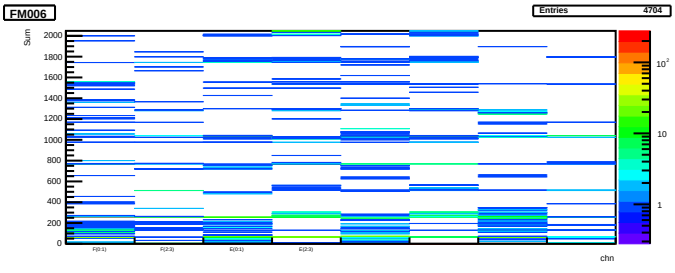

FM001
Entries 4704
Sum
chn

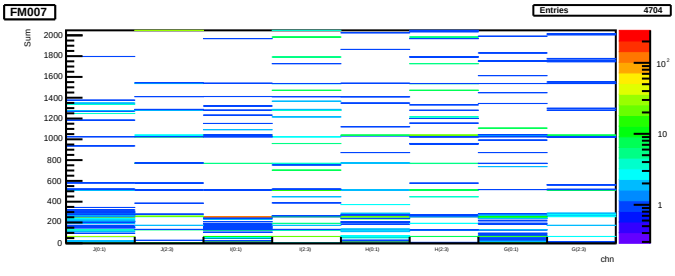

FM002
Entries 4704
Sum
chn

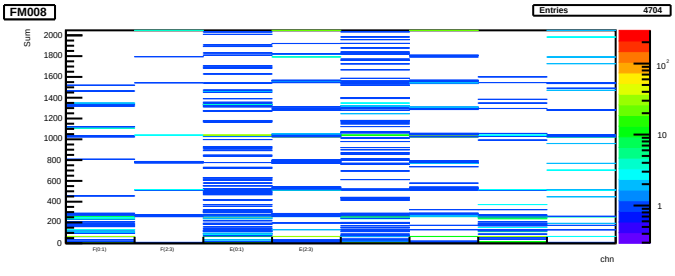

FM003
Entries 4704
Sum
chn

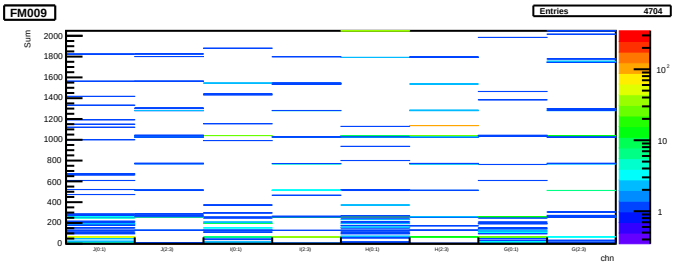

FM004
Entries 4704
Sum
chn

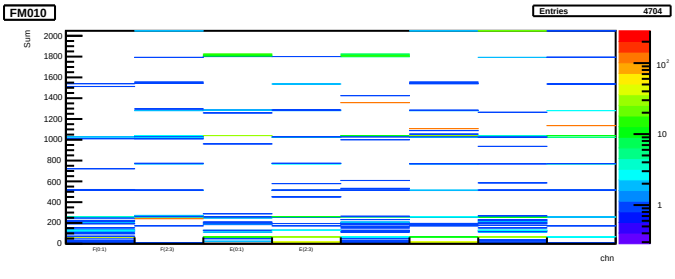

FM005
Entries 4704
Sum
chn

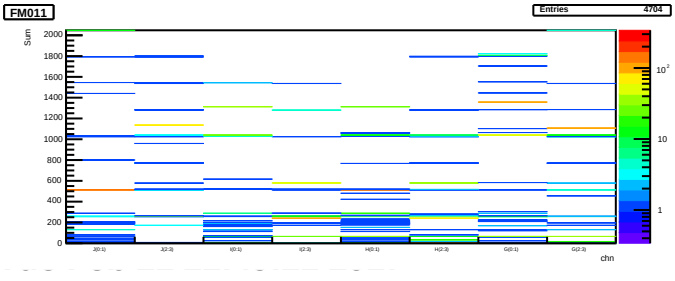

FM006
Entries 4704
Sum
chn

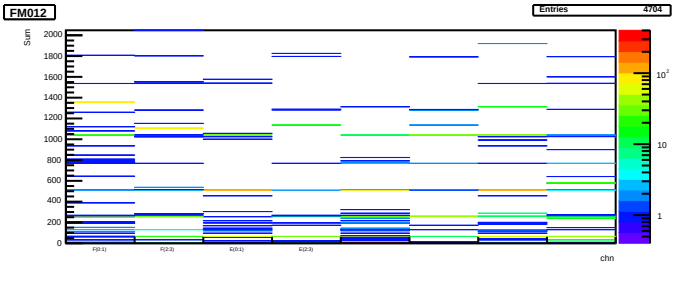

FM007
Entries 4704
Sum
chn

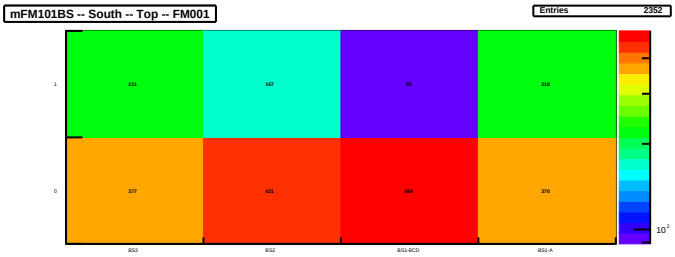

FM008
Entries 4704
Sum
chn

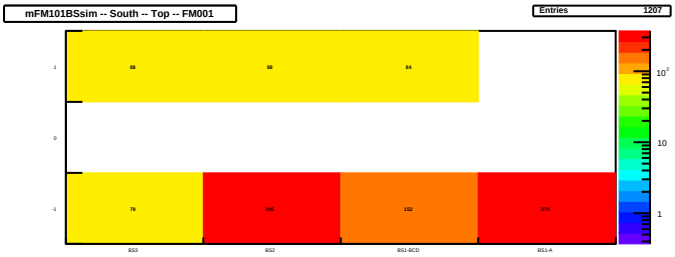

FM009
Entries 4704
Sum
chn

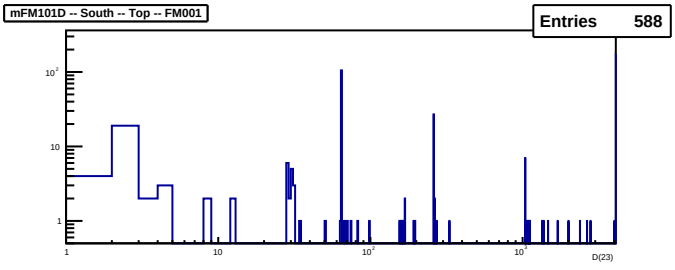

FM010
Entries 4704
Sum
chn

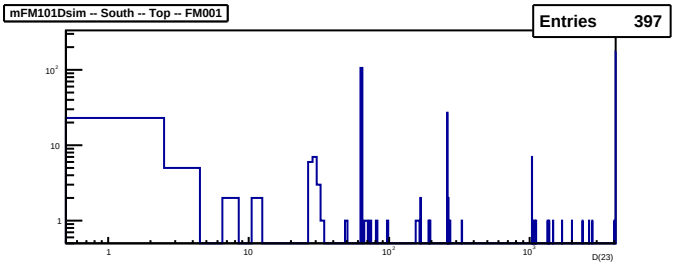

FM011
Entries 4704
Sum
chn

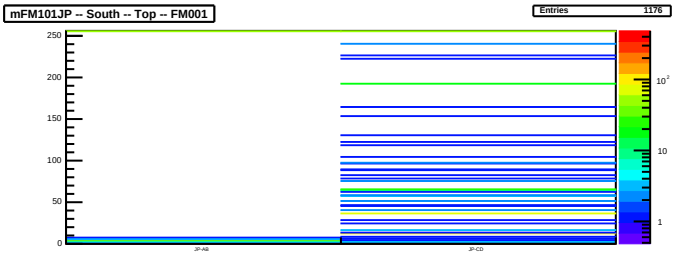

FM012
Entries 4704
Sum
chn

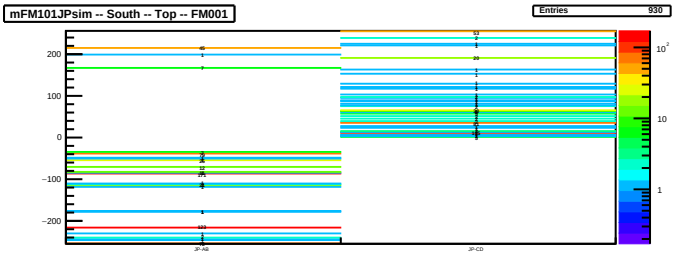

mFM101BS -- South -- Top -- FM001
Entries 2352
211
147
55
218
377
421
499
370
BS3
BS2
BS1-BCD
BS1-A

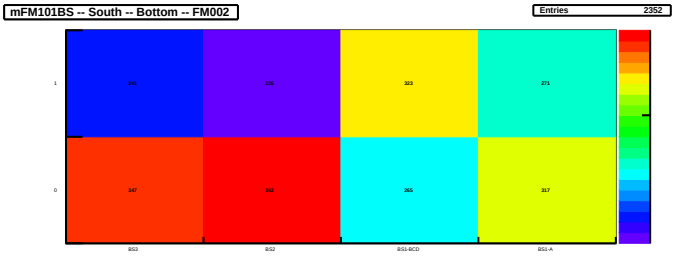

mFM101BSsim -- South -- Top -- FM001
Entries 1207
88
68
84
79
245
152
270
BS3
BS2
BS1-BCD
BS1-A

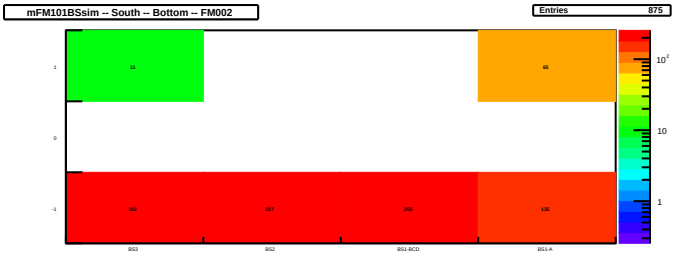

mFM101D -- South -- Top -- FM001
Entries 588
D(23)

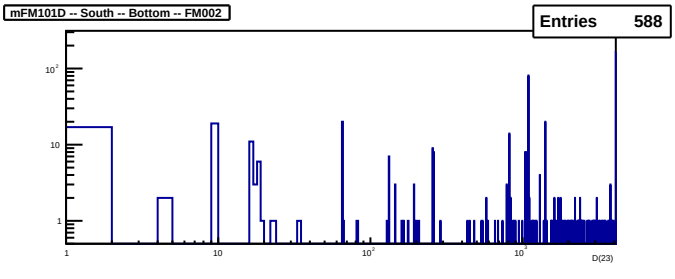

mFM101Dsim -- South -- Top -- FM001
Entries 397
D(23)

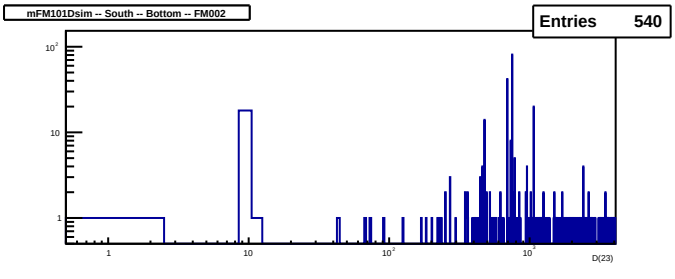

mFM101JP -- South -- Top -- FM001
Entries 1176
JP-AB
JP-CD

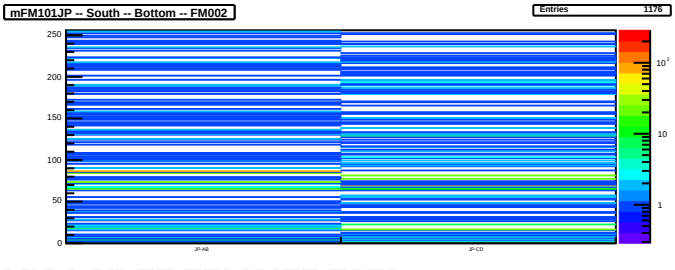

mFM101JPsim -- South -- Top -- FM001
Entries 930
JP-AB
JP-CD

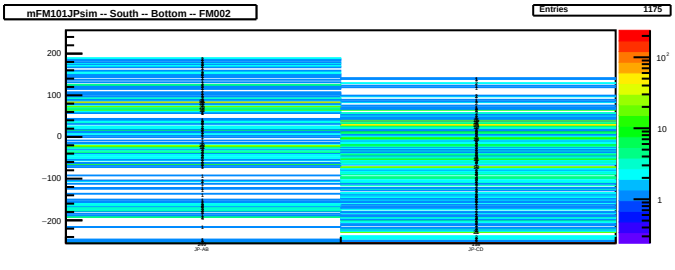

mFM101BS -- South -- Bottom -- FM002
Entries 2352
241
226
323
271
347
342
265
317
BS3
BS2
BS1-BCD
BS1-A

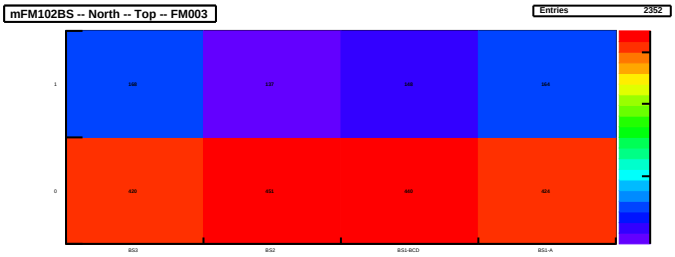

mFM101BSsim -- South -- Bottom -- FM002
Entries 875
15
65
162
227
255
135
BS3
BS2
BS1-BCD
BS1-A

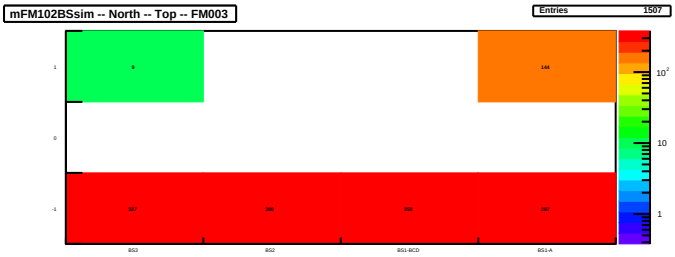

mFM101D -- South -- Bottom -- FM002
Entries 588
D(23)

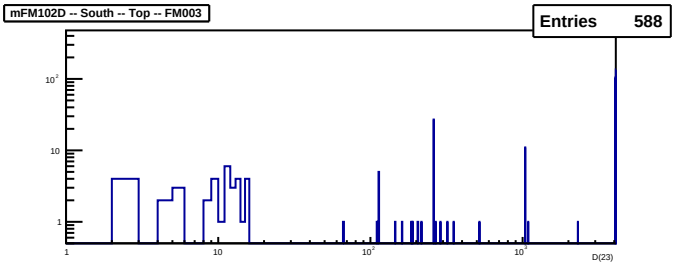

mFM101Dsim -- South -- Bottom -- FM002
Entries 540
D(23)

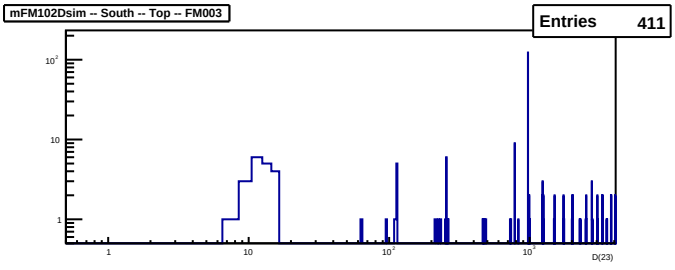

mFM101JP -- South -- Bottom -- FM002
Entries 1176
JP-AB
JP-CD

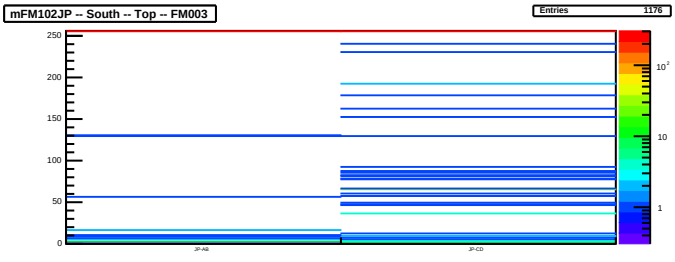

mFM101JPsim -- South -- Bottom -- FM002
Entries 1175
JP-AB
JP-CD

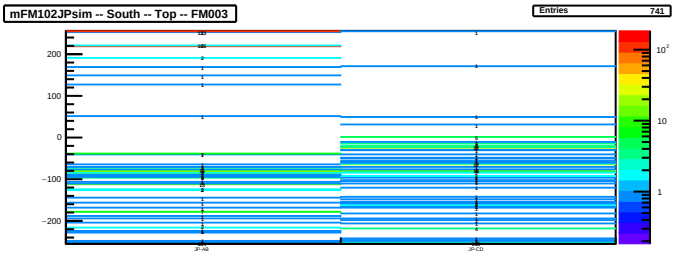

mFM102BS -- North -- Top -- FM003
Entries 2352

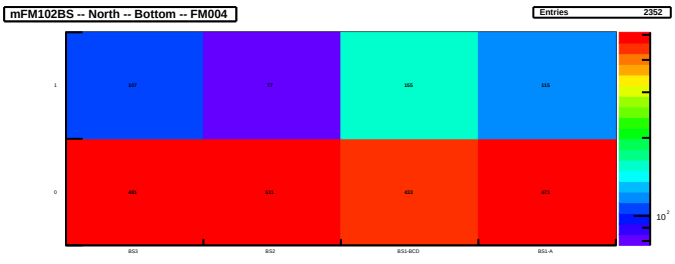

mFM102BSsim -- North -- Top -- FM003
Entries 1507

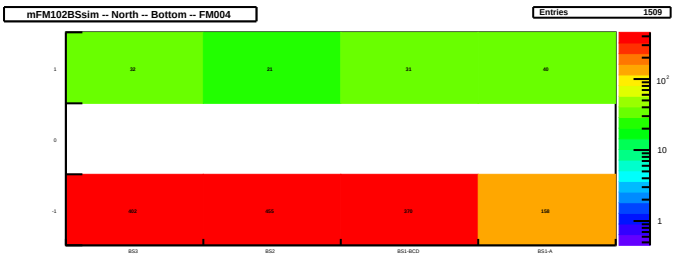

mFM102D -- South -- Top -- FM003
Entries 588
D(23)

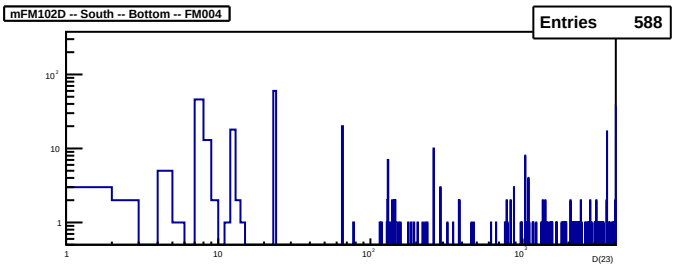

mFM102Dsim -- South -- Top -- FM003
Entries 411
D(23)

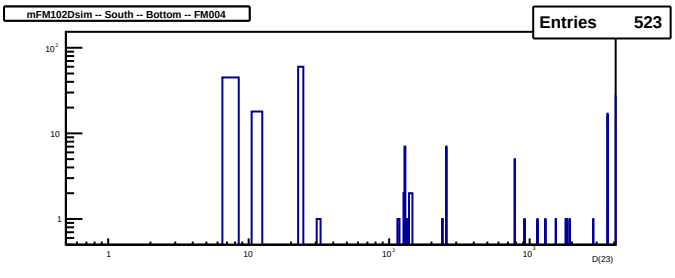

mFM102JP -- South -- Top -- FM003
Entries 1176

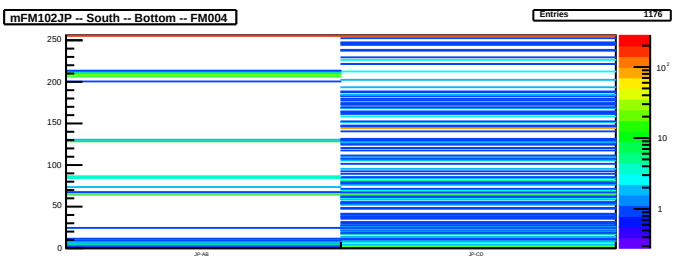

mFM102JPsim -- South -- Top -- FM003
Entries 741

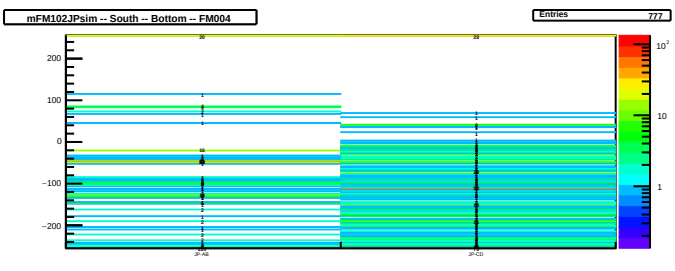

mFM102BS -- North -- Bottom -- FM004
Entries 2352

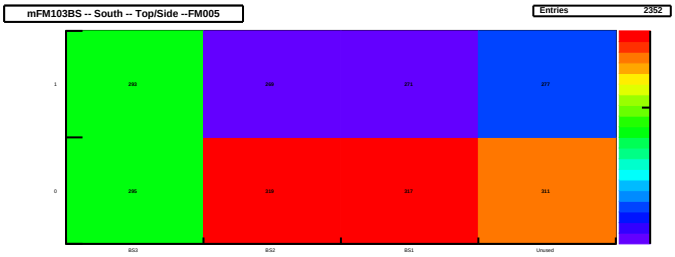

mFM102BSsim -- North -- Bottom -- FM004
Entries 1509

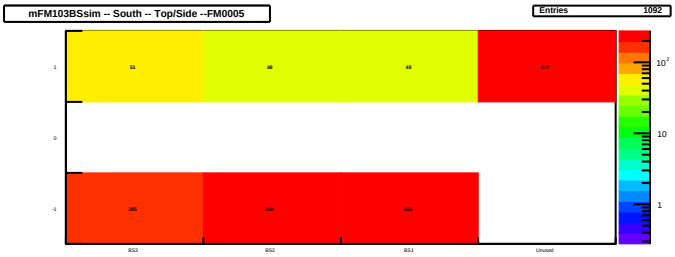

mFM102D -- South -- Bottom -- FM004
Entries 588
D(23)

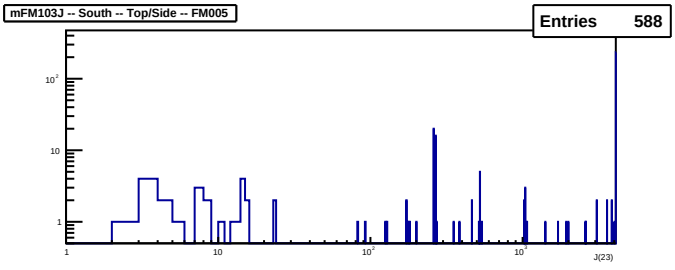

mFM102Dsim -- South -- Bottom -- FM004
Entries 523
D(23)

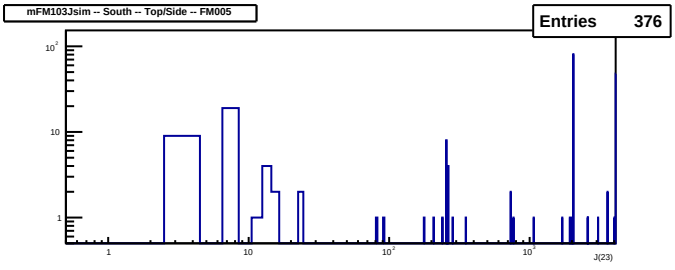

mFM102JP -- South -- Bottom -- FM004
Entries 1176

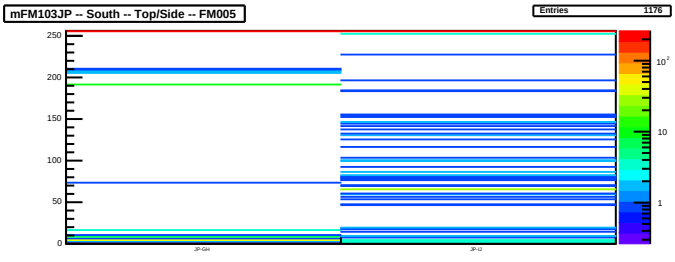

mFM102JPsim -- South -- Bottom -- FM004
Entries 777

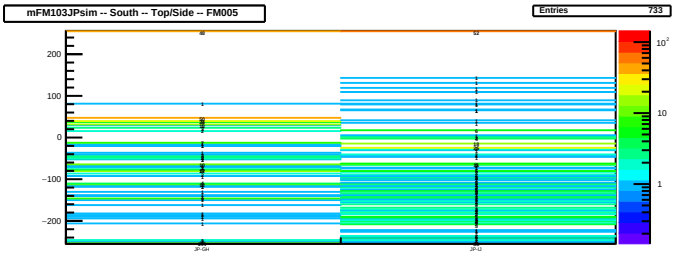

mFM103BS -- South -- Top/Side --FM005
Entries 2352

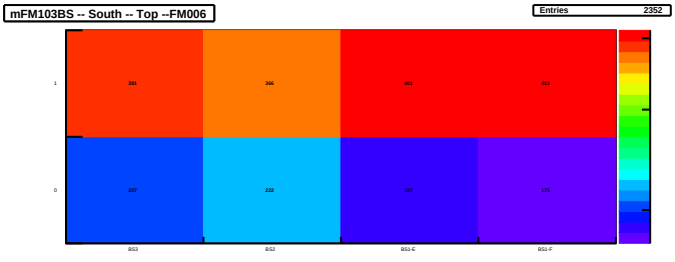

mFM103BSsim -- South -- Top/Side --FM0005
Entries 1092

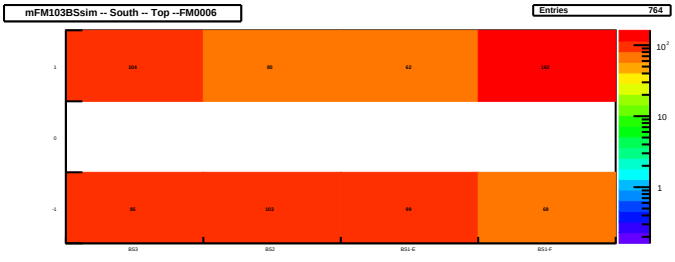

mFM103J -- South -- Top/Side -- FM005
Entries 588
J(23)

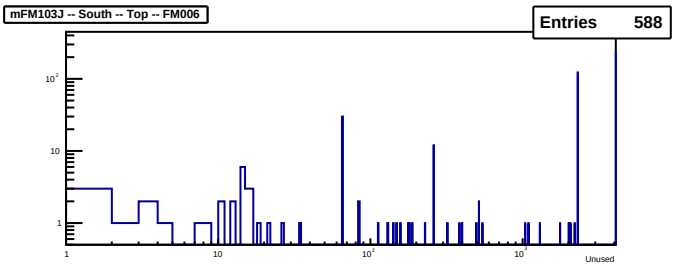

mFM103Jsim -- South -- Top/Side -- FM005
Entries 376
J(23)

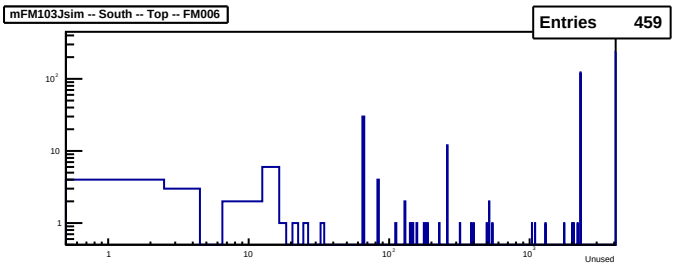

mFM103JP -- South -- Top/Side -- FM005
Entries 1176

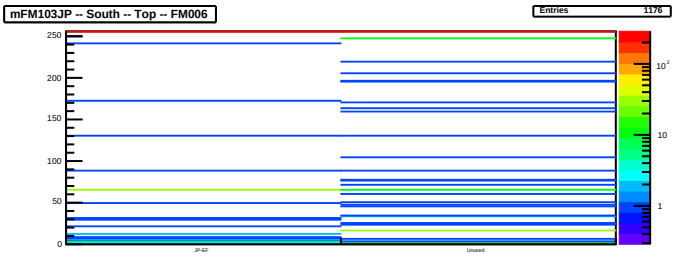

mFM103JPsim -- South -- Top/Side -- FM005
Entries 733

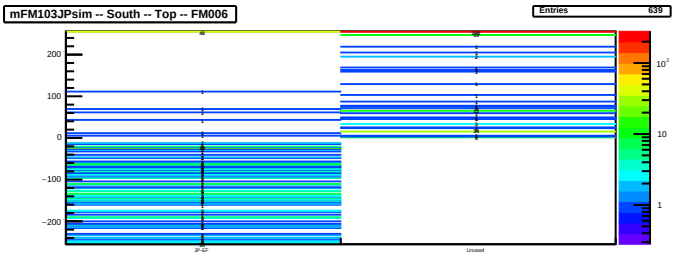

mFM103BS -- South -- Top --FM006
Entries 2352

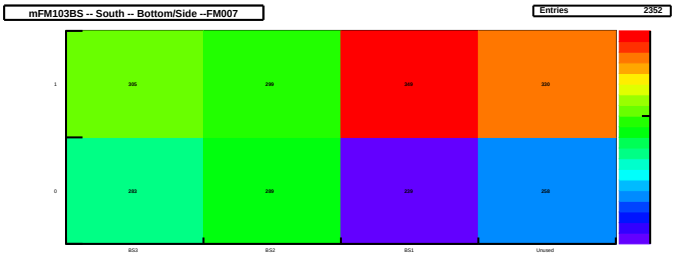

mFM103BSsim -- South -- Top --FM0006
Entries 764

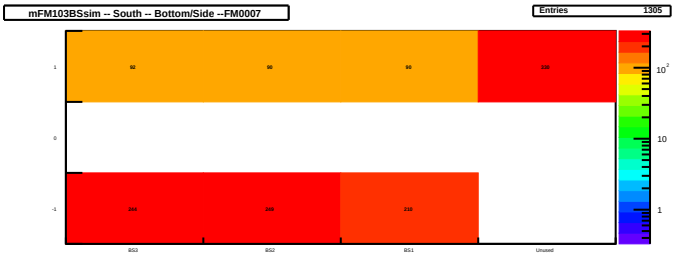

mFM103J -- South -- Top -- FM006
Entries 588
Unused

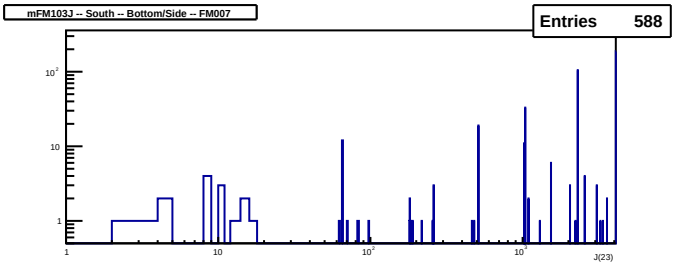

mFM103Jsim -- South -- Top -- FM006
Entries 459
Unused

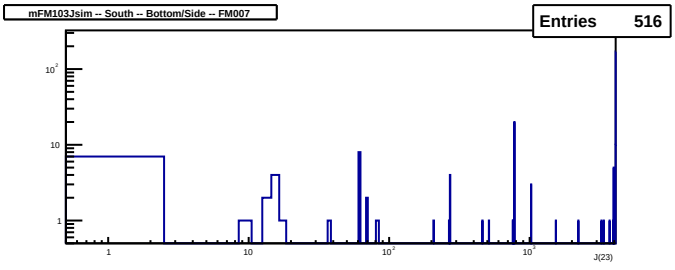

mFM103JP -- South -- Top -- FM006
Entries 1176

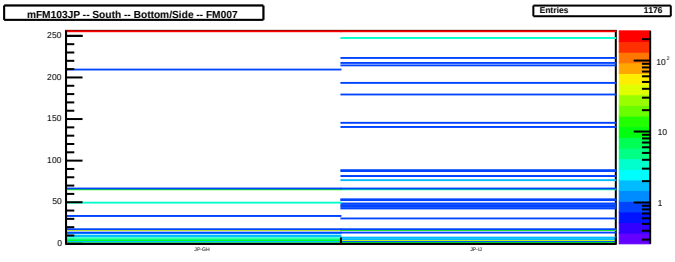

mFM103JPsim -- South -- Top -- FM006
Entries 639

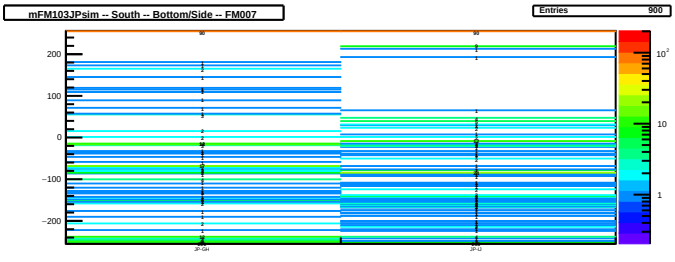

mFM103BS -- South -- Bottom/Side --FM007
Entries 2352

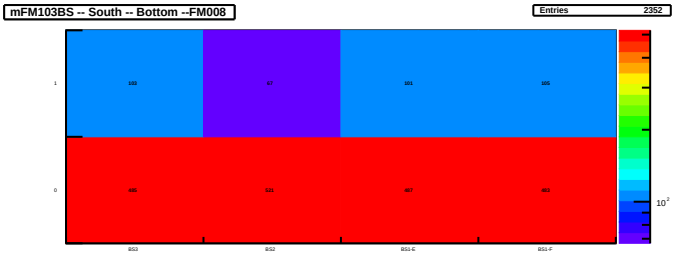

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 1305

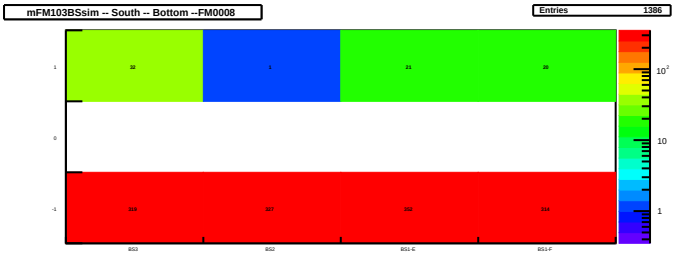

mFM103J -- South -- Bottom/Side -- FM007
Entries 588
J(23)

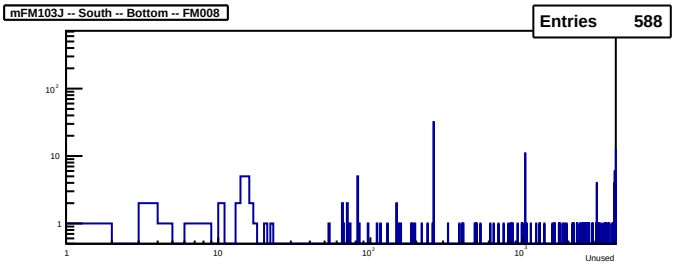

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 516
J(23)

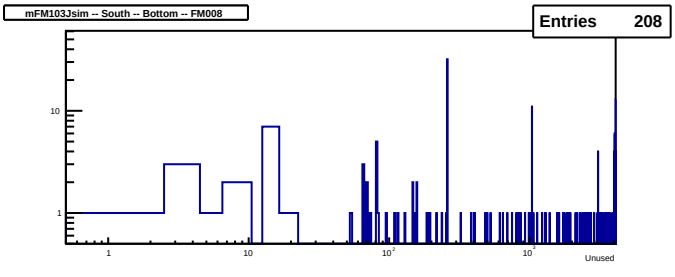

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1176

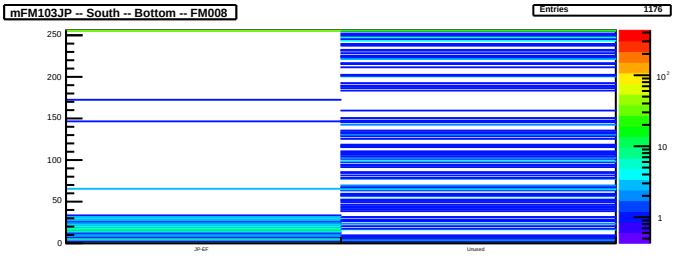

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 900

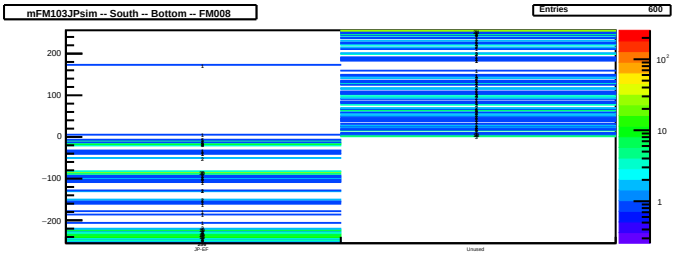

mFM103BS -- South -- Bottom --FM008
Entries 2352

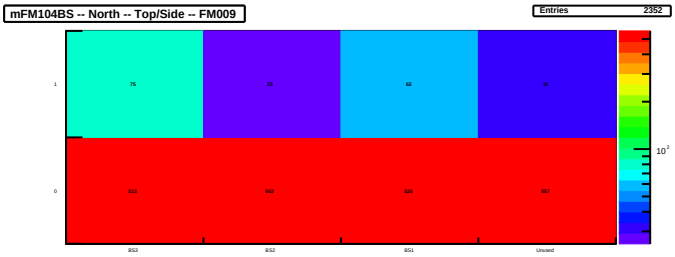

mFM103BSsim -- South -- Bottom --FM0008
Entries 1386

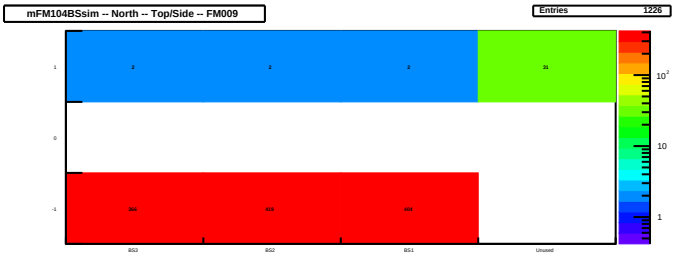

mFM103J -- South -- Bottom -- FM008
Entries 588
Unused

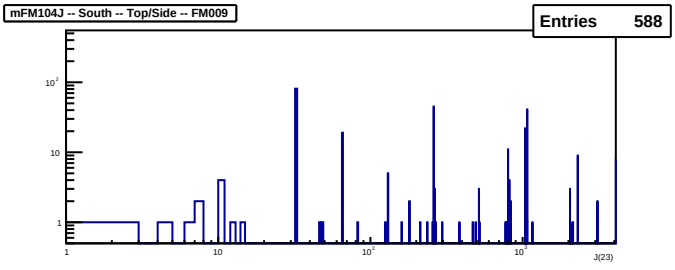

mFM103Jsim -- South -- Bottom -- FM008
Entries 208
Unused

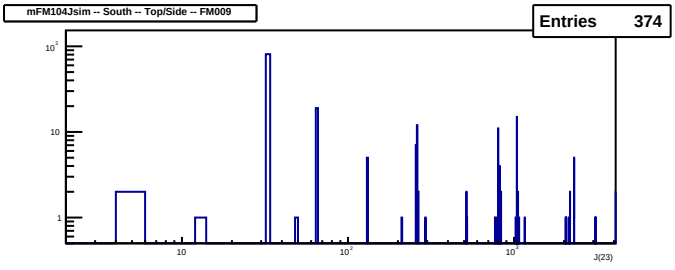

mFM103JP -- South -- Bottom -- FM008
Entries 1176

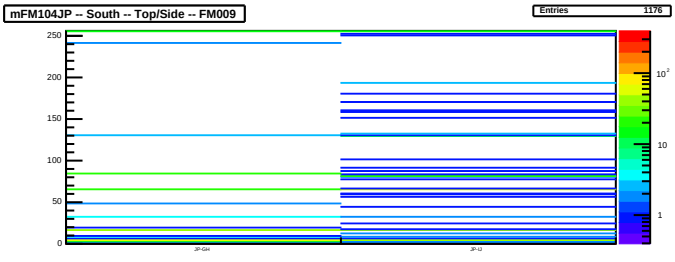

mFM103JPsim -- South -- Bottom -- FM008
Entries 600

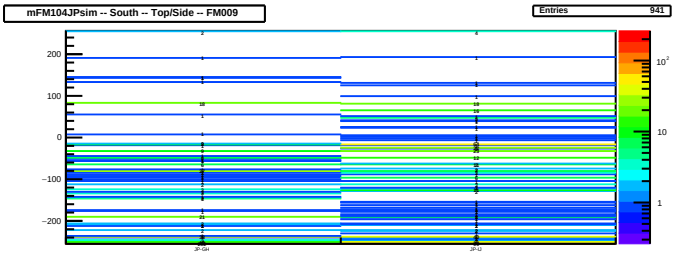

mFM104BS -- North -- Top/Side -- FM009
Entries 2352

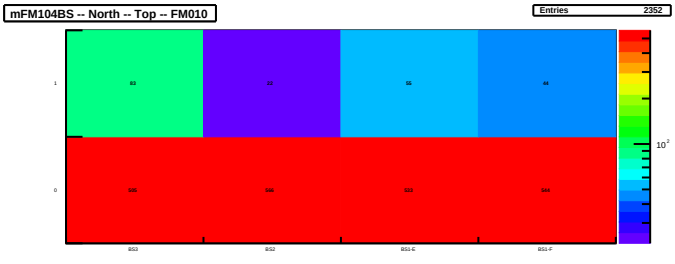

mFM104BSsim -- North -- Top/Side -- FM009
Entries 1226

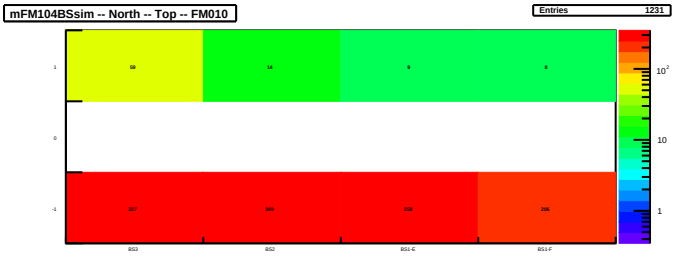

mFM104J -- South -- Top/Side -- FM009
Entries 588
J(23)

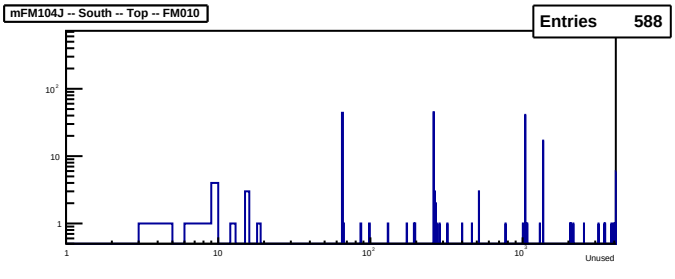

mFM104Jsim -- South -- Top/Side -- FM009
Entries 374
J(23)

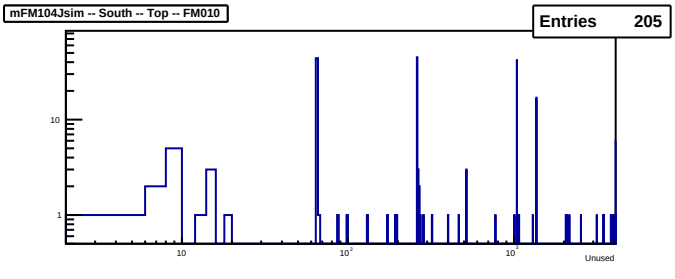

mFM104JP -- South -- Top/Side -- FM009
Entries 1176

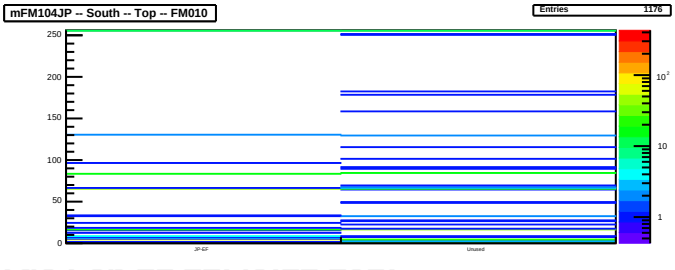

mFM104JPsim -- South -- Top/Side -- FM009
Entries 941

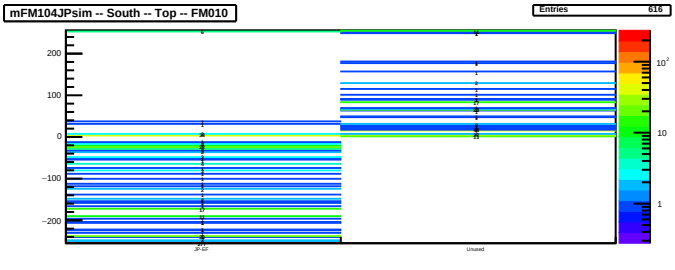

mFM104BS -- North -- Top -- FM010
Entries 2352

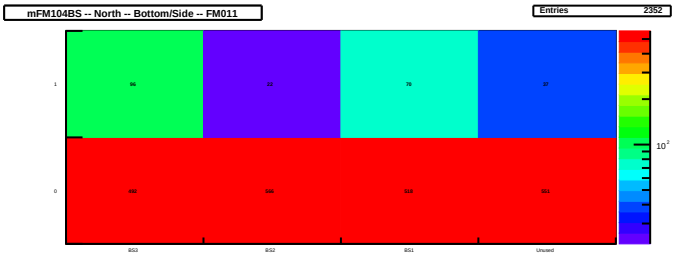

mFM104BSsim -- North -- Top -- FM010
Entries 1231

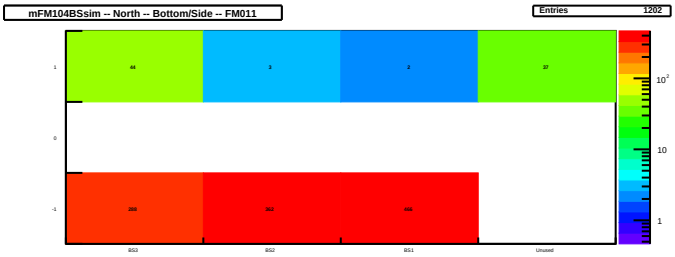

mFM104J -- South -- Top -- FM010
Entries 588
Unused

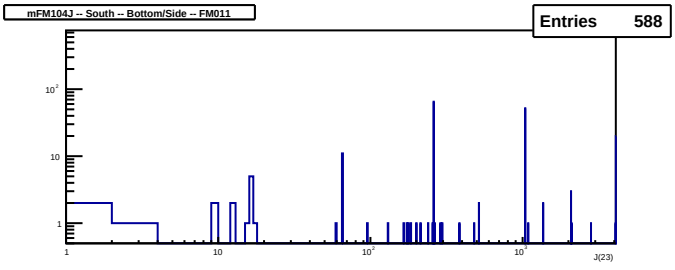

mFM104Jsim -- South -- Top -- FM010
Entries 205
Unused

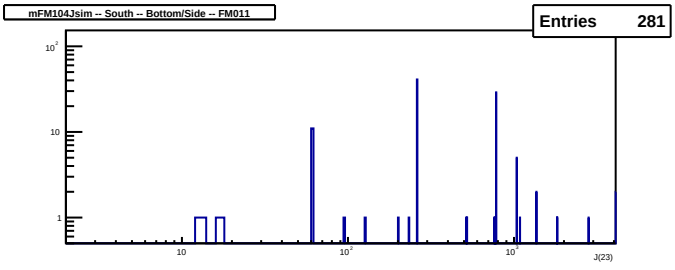

mFM104JP -- South -- Top -- FM010
Entries 1176

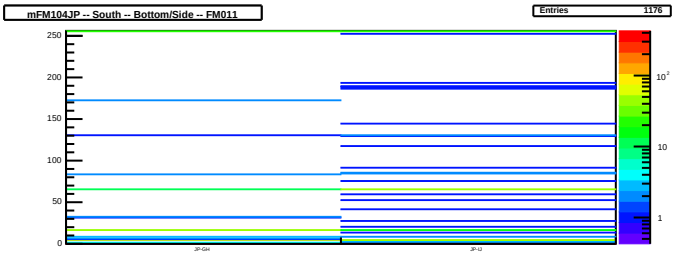

mFM104JPsim -- South -- Top -- FM010
Entries 616

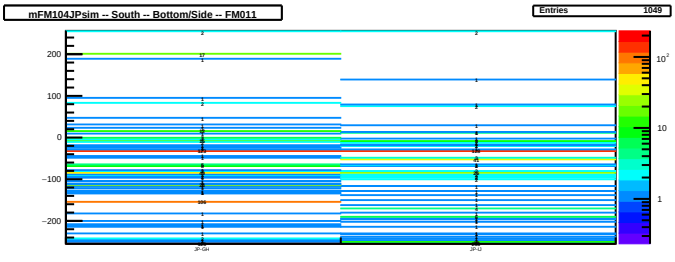

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2352

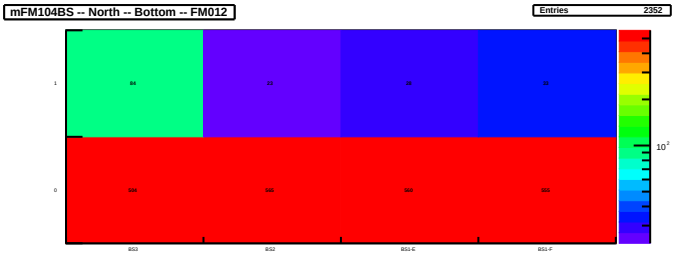

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1202

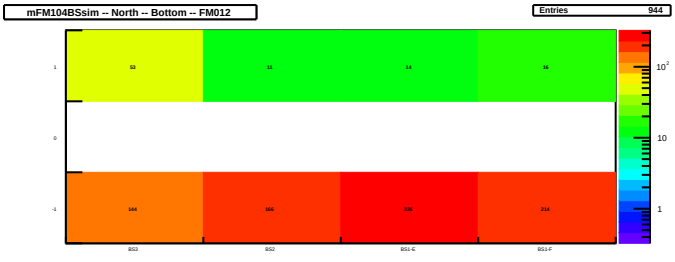

mFM104J -- South -- Bottom/Side -- FM011
Entries 588
J(23)

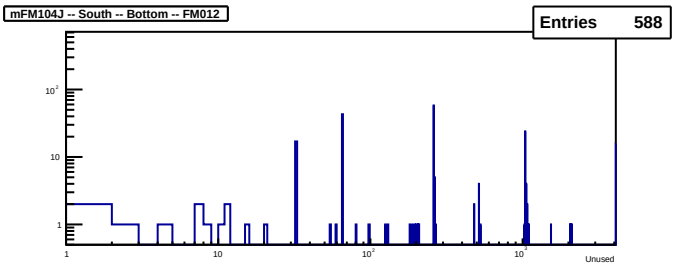

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 281
J(23)

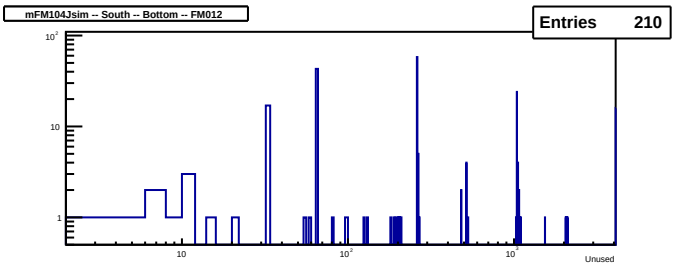

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1176

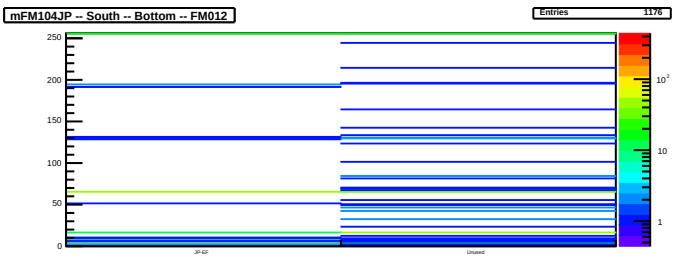

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1049

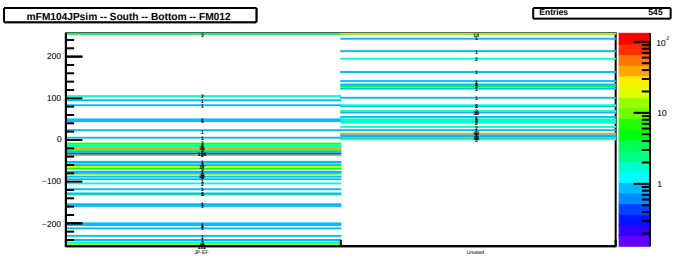

mFM104BS -- North -- Bottom -- FM012
Entries 2352

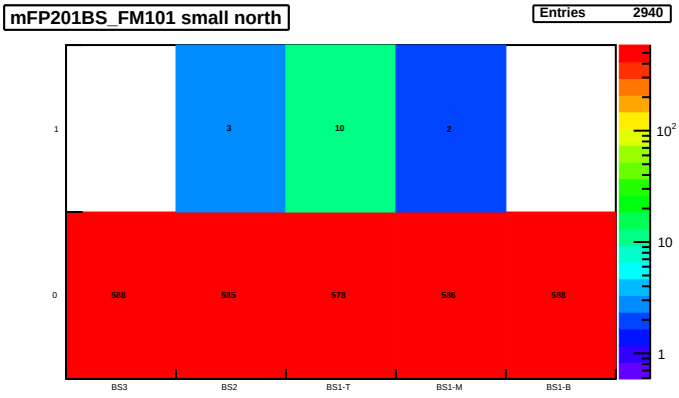

mFM104BSsim -- North -- Bottom -- FM012
Entries 944

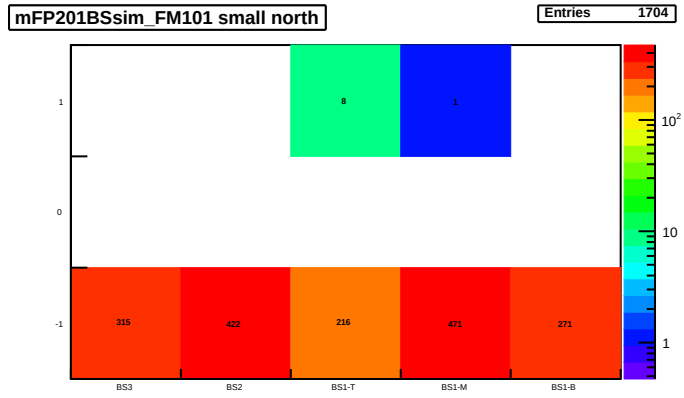

mFM104J -- South -- Bottom -- FM012
Entries 588
Unused

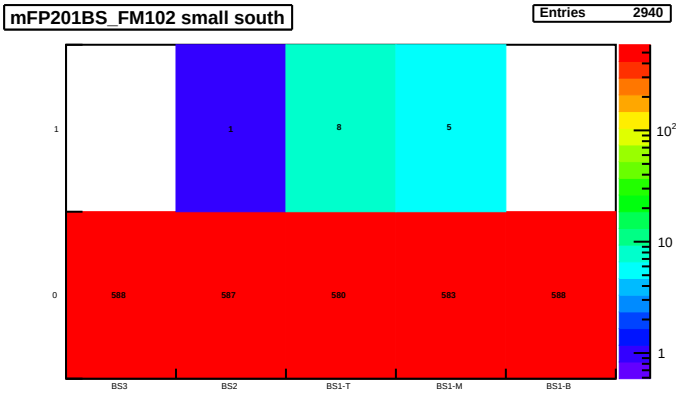

mFM104Jsim -- South -- Bottom -- FM012
Entries 210
Unused

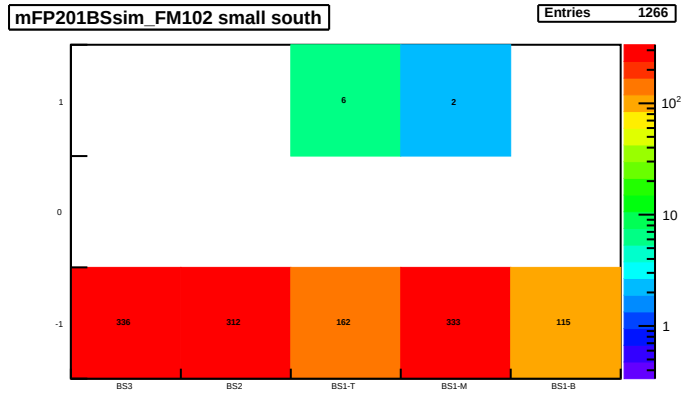

mFM104JP -- South -- Bottom -- FM012
Entries 1176

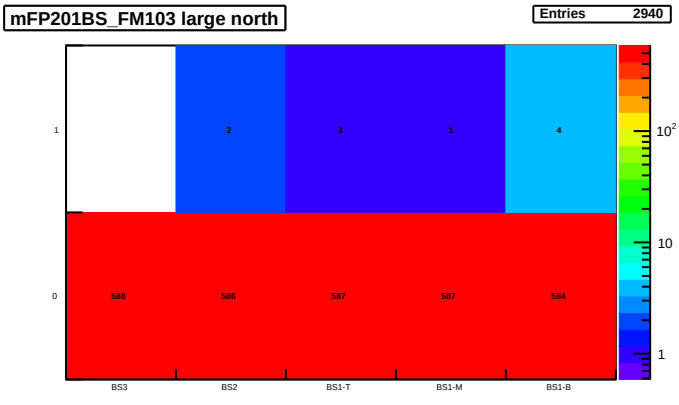

mFM104JPsim -- South -- Bottom -- FM012
Entries 545

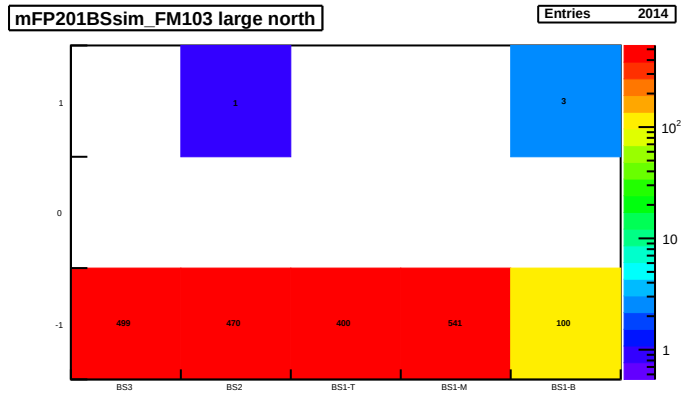

mFP201BS_FM101 small north
Entries 2940
1
0
3
10
2
588
585
578
586
588
BS3
BS2
BS1-T
BS1-M
BS1-B
10^2
10
1

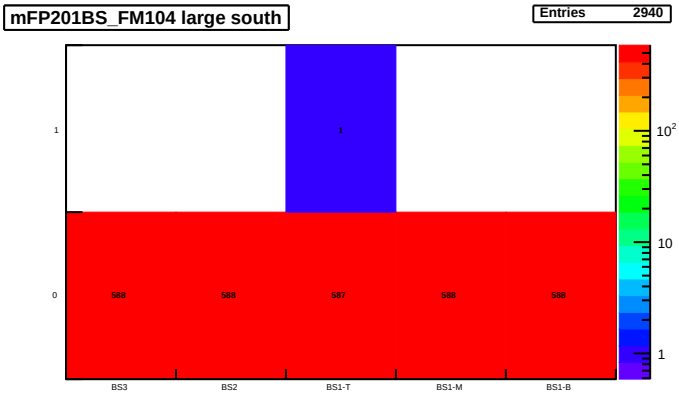

mFP201BSsim_FM101 small north
Entries 1704
1
0
-1
8
1
315
422
216
471
271
BS3
BS2
BS1-T
BS1-M
BS1-B
10^2
10
1

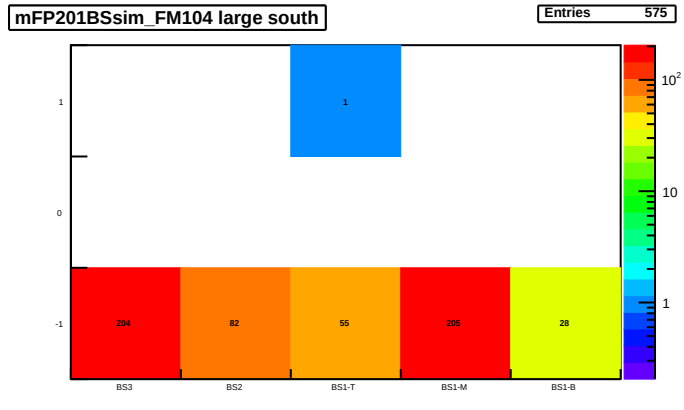

mFP201BS_FM102 small south
Entries 2940
1
0
1
8
5
588
587
580
583
588
BS3
BS2
BS1-T
BS1-M
BS1-B
10^2
10
1

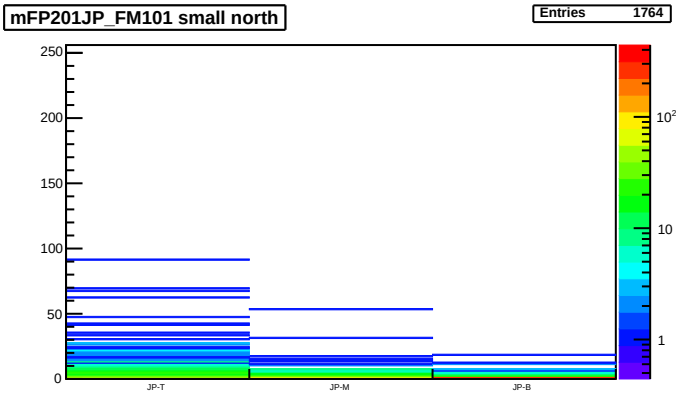

mFP201BSsim_FM102 small south
Entries 1266
1
0
-1
6
2
336
312
162
333
115
BS3
BS2
BS1-T
BS1-M
BS1-B
10^2
10
1

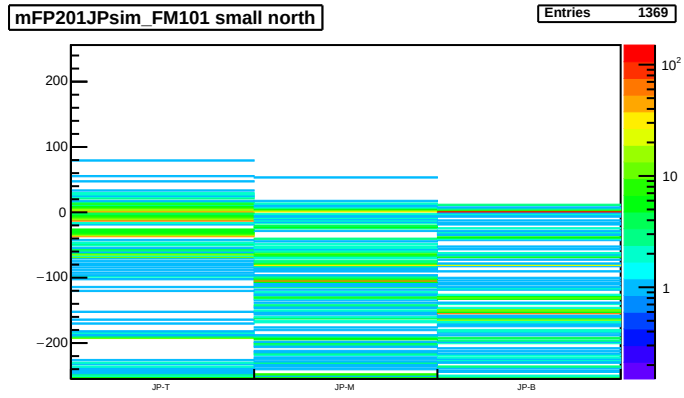

mFP201BS_FM103 large north
Entries 2940
1
0
2
1
1
4
588
586
587
587
584
BS3
BS2
BS1-T
BS1-M
BS1-B
10^2
10
1

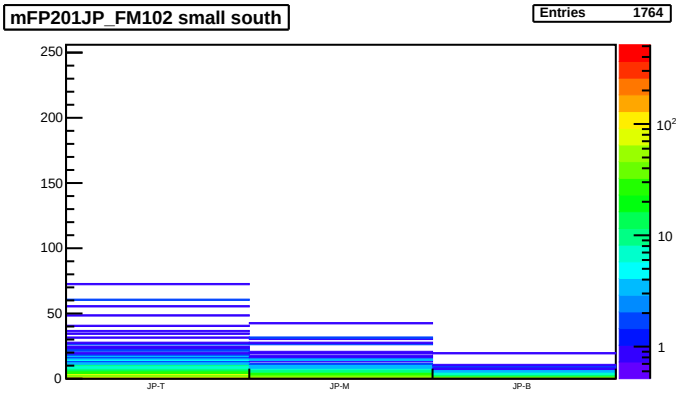

mFP201BSsim_FM103 large north
Entries 2014
1
0
-1
1
3
499
470
400
541
100
BS3
BS2
BS1-T
BS1-M
BS1-B
10^2
10
1

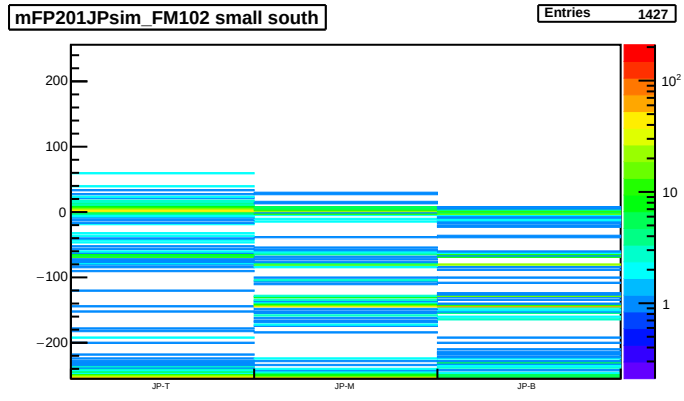

mFP201BS_FM104 large south
Entries 2940
1
0
1
588
588
587
588
588
BS3
BS2
BS1-T
BS1-M
BS1-B
10^2
10
1

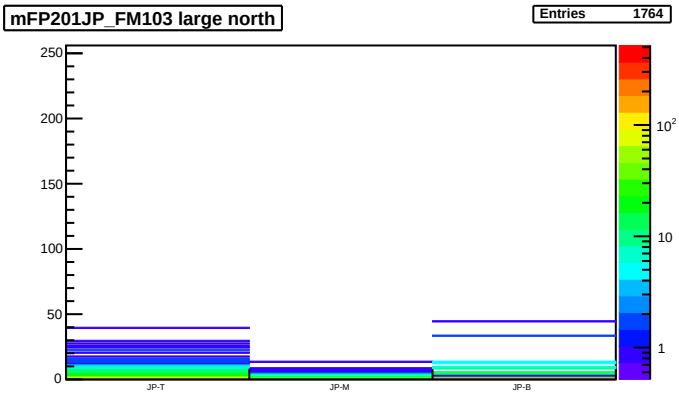

mFP201BSsim_FM104 large south
Entries 575
1
0
-1
1
204
82
55
205
28
BS3
BS2
BS1-T
BS1-M
BS1-B
10^2
10
1

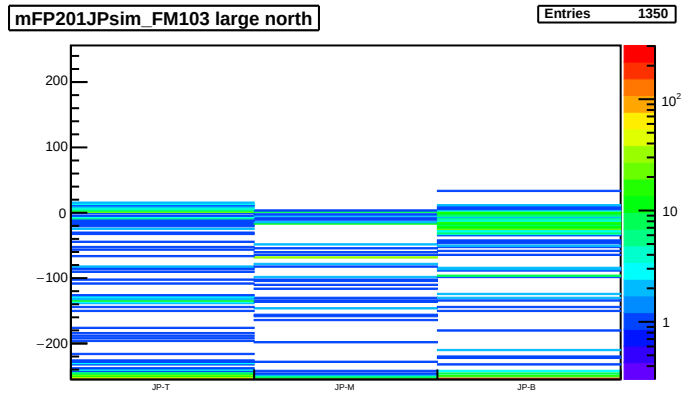

mFP201JP_FM101 small north
Entries 1764
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

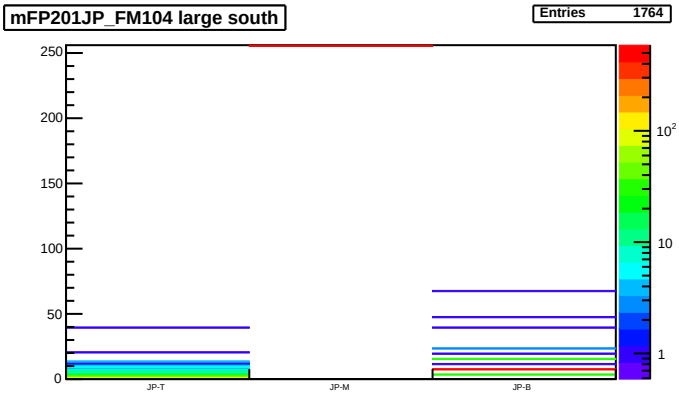

mFP201JPsim_FM101 small north
Entries 1369
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^2
10
1

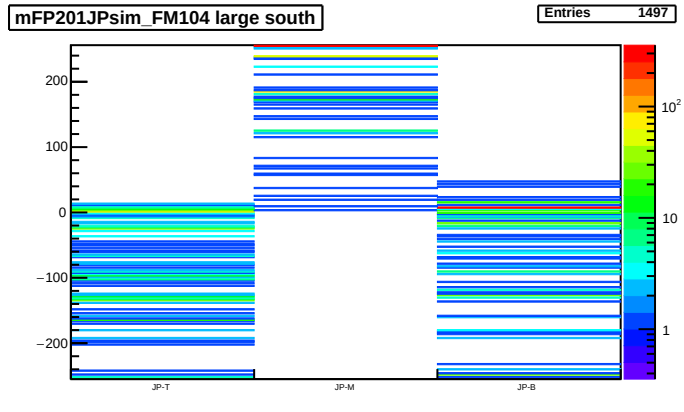

mFP201JP_FM102 small south
Entries 1764
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

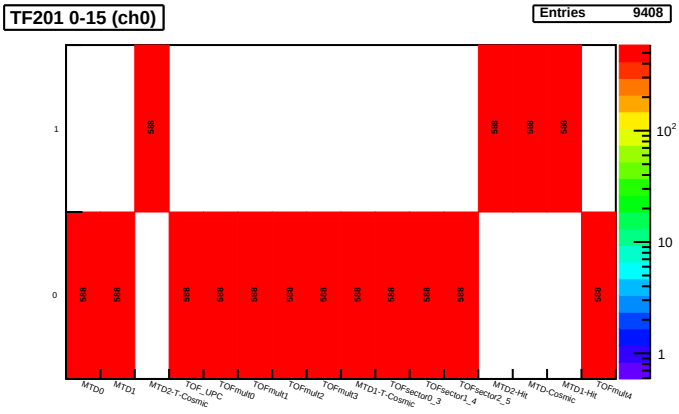

mFP201JPsim_FM102 small south
Entries 1427
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^2
10
1

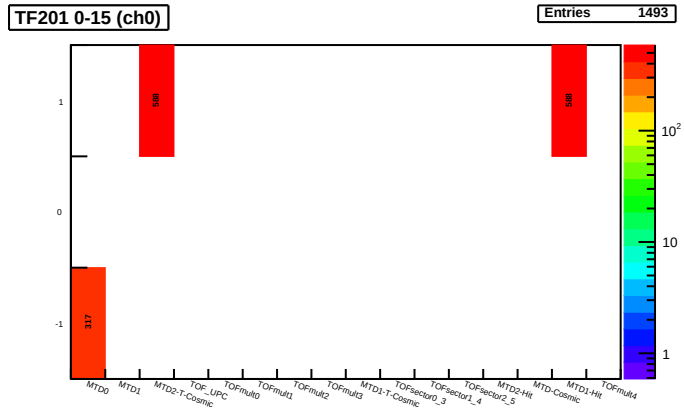

mFP201JP_FM103 large north
Entries 1764
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

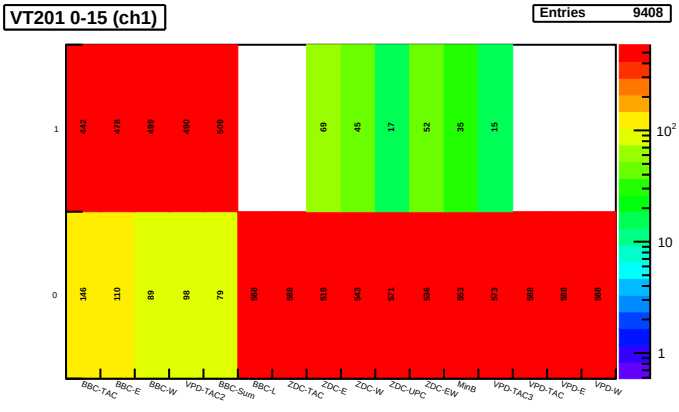

mFP201JPsim_FM103 large north
Entries 1350
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^2
10
1

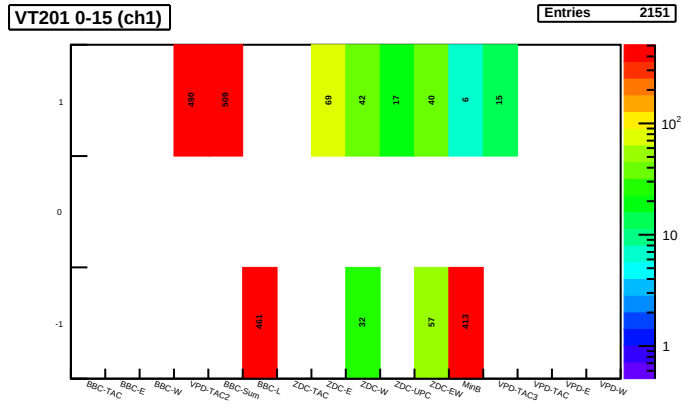

mFP201JP_FM104 large south
Entries 1764
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

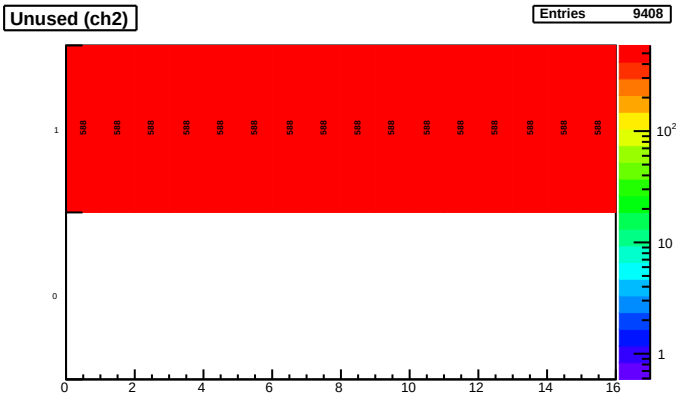

mFP201JPsim_FM104 large south
Entries 1497
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^2
10
1

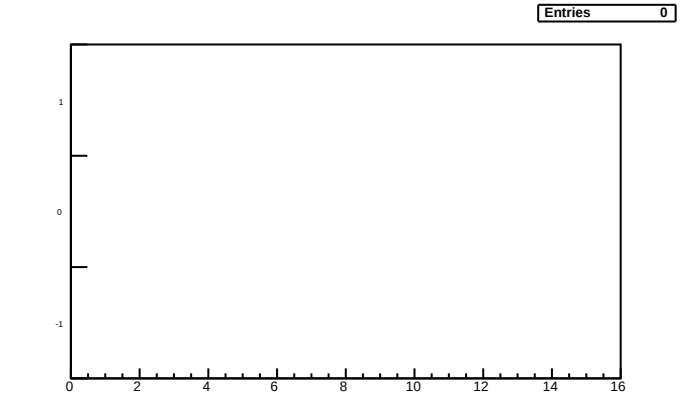

TF201 0-15 (ch0)
Entries 9408
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

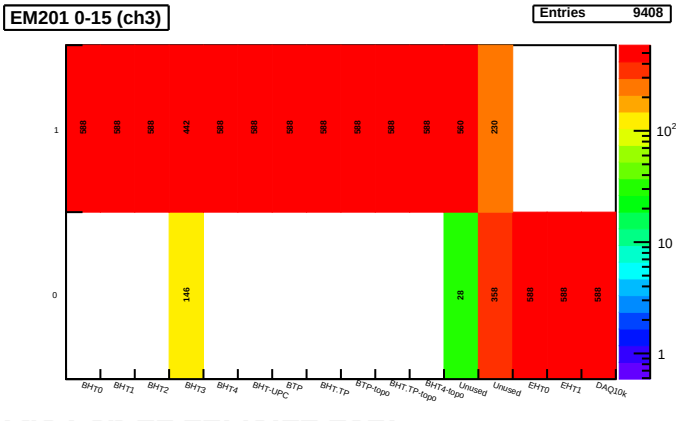

TF201 0-15 (ch0)
Entries 1493
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

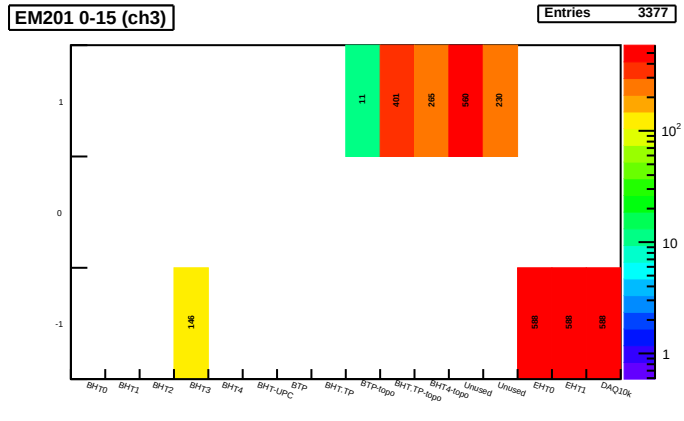

VT201 0-15 (ch1)
Entries 9408
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W


VT201 0-15 (ch1)
Entries 2151
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

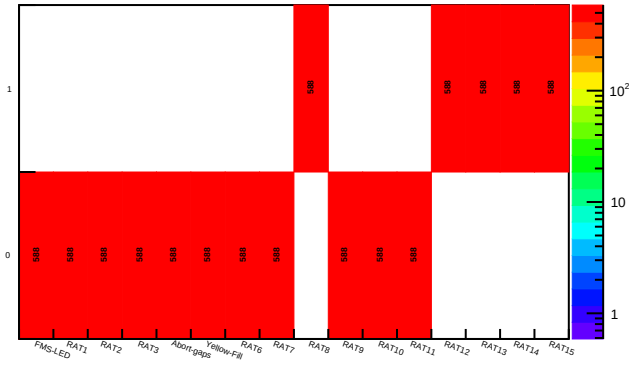

Unused (ch2)
Entries 9408

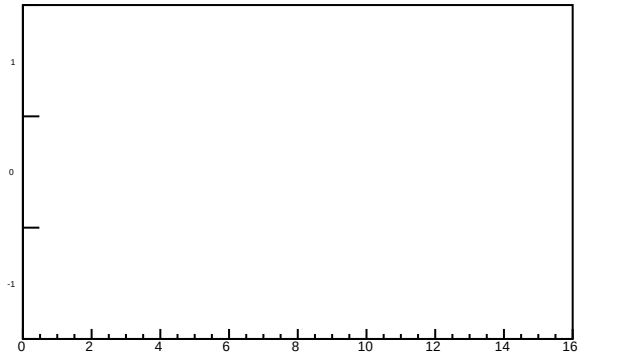

Entries 0


EM201 0-15 (ch3)
Entries 9408
BH0
BH1
BH2
BH3
BH4
BH1-UPC
BTp
BH1:TP
BTP-topo
BH1:TP-topo
BH4-topo
Unused
Unused
EH0
EH1
DAQ10k

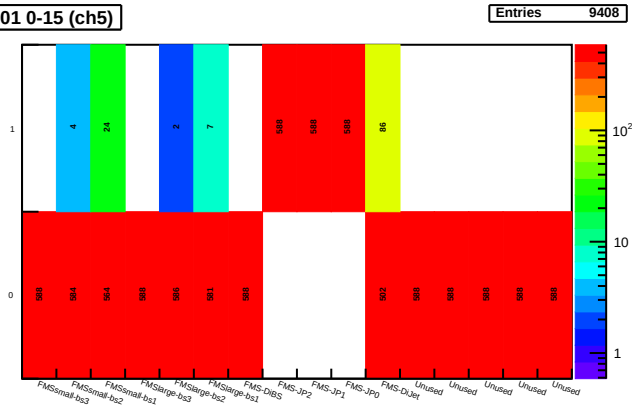

EM201 0-15 (ch3)
Entries 3377
BH0
BH1
BH2
BH3
BH4
BH1-UPC
BTp
BH1:TP
BTP-topo
BH1:TP-topo
BH4-topo
Unused
Unused
EH0
EH1
DAQ10k

RAT board (ch4)

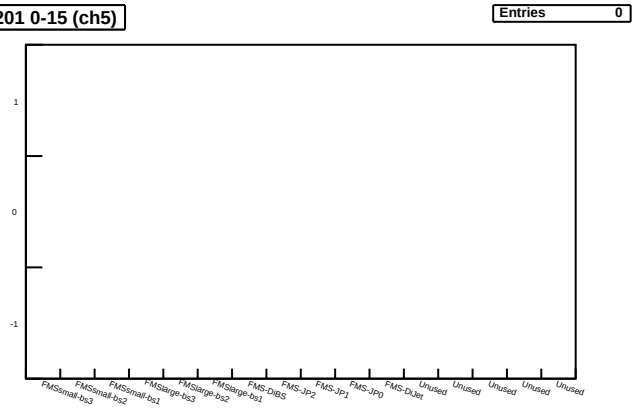




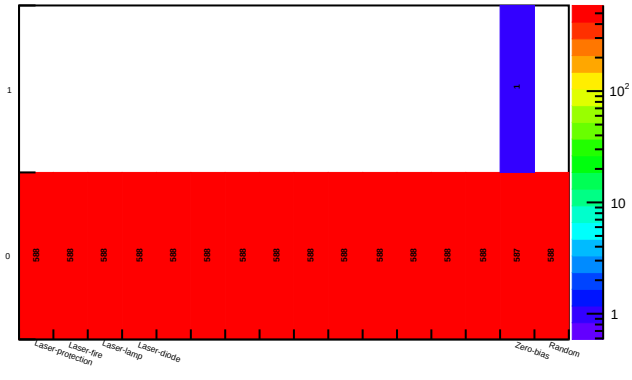
FP201 0-15 (ch5)

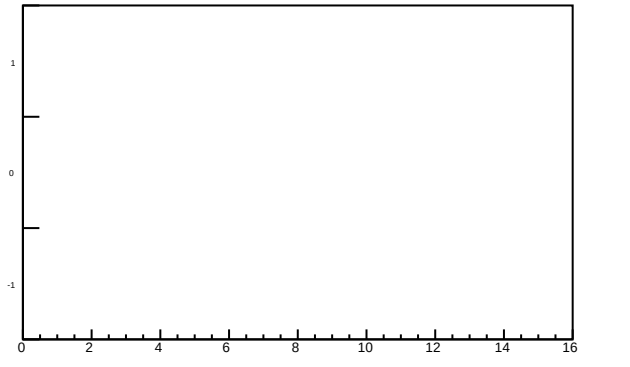
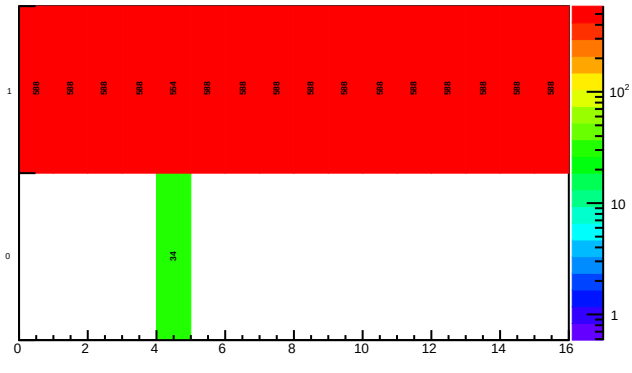
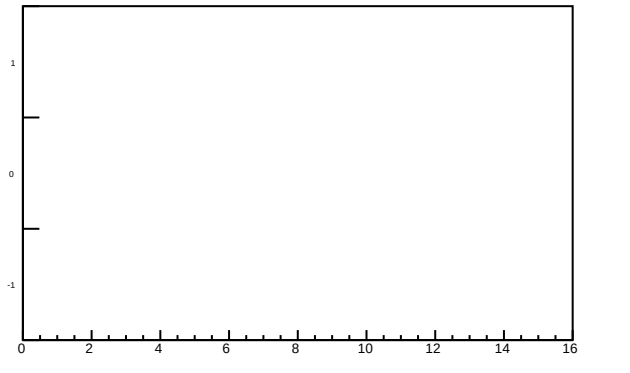


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)