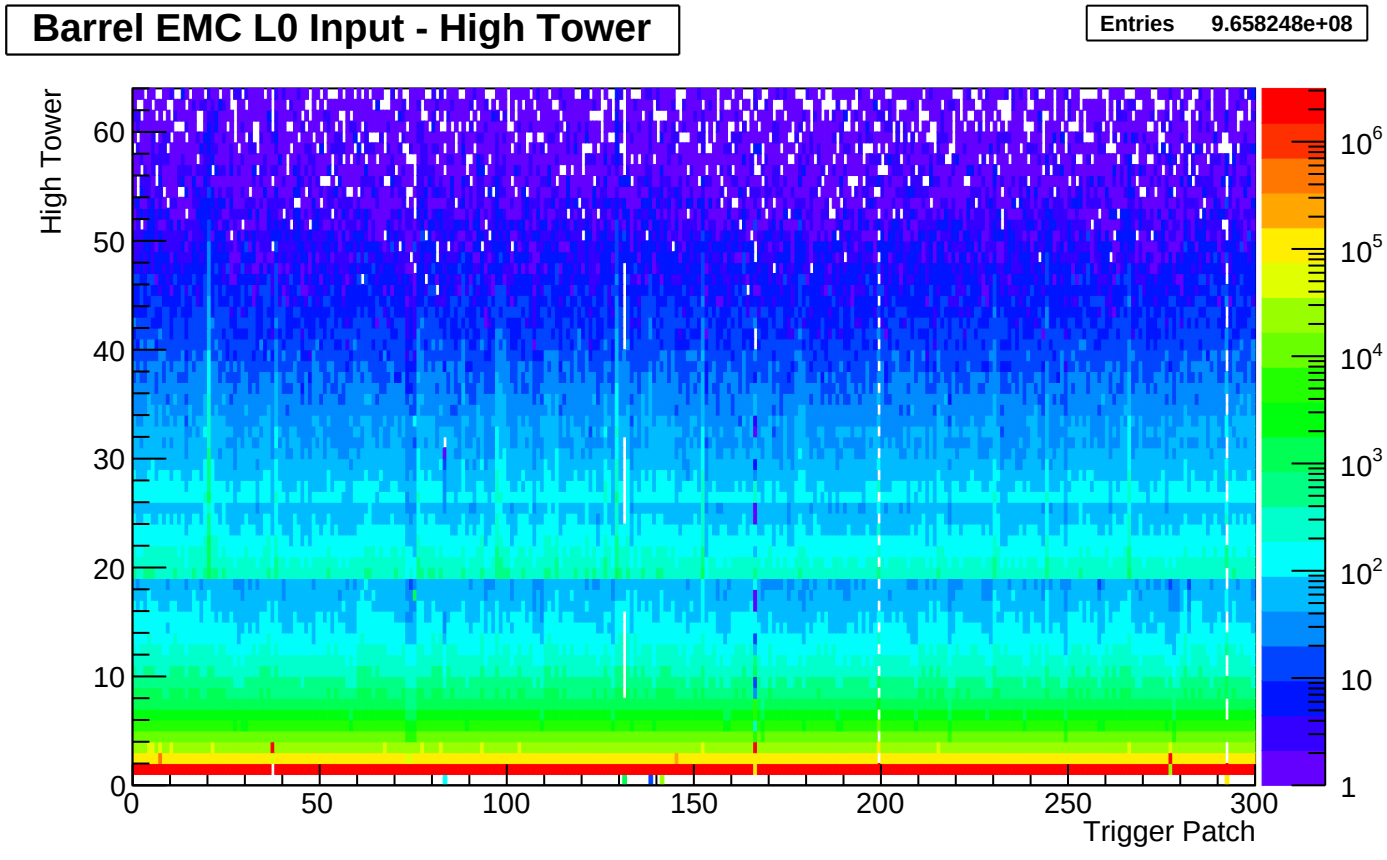
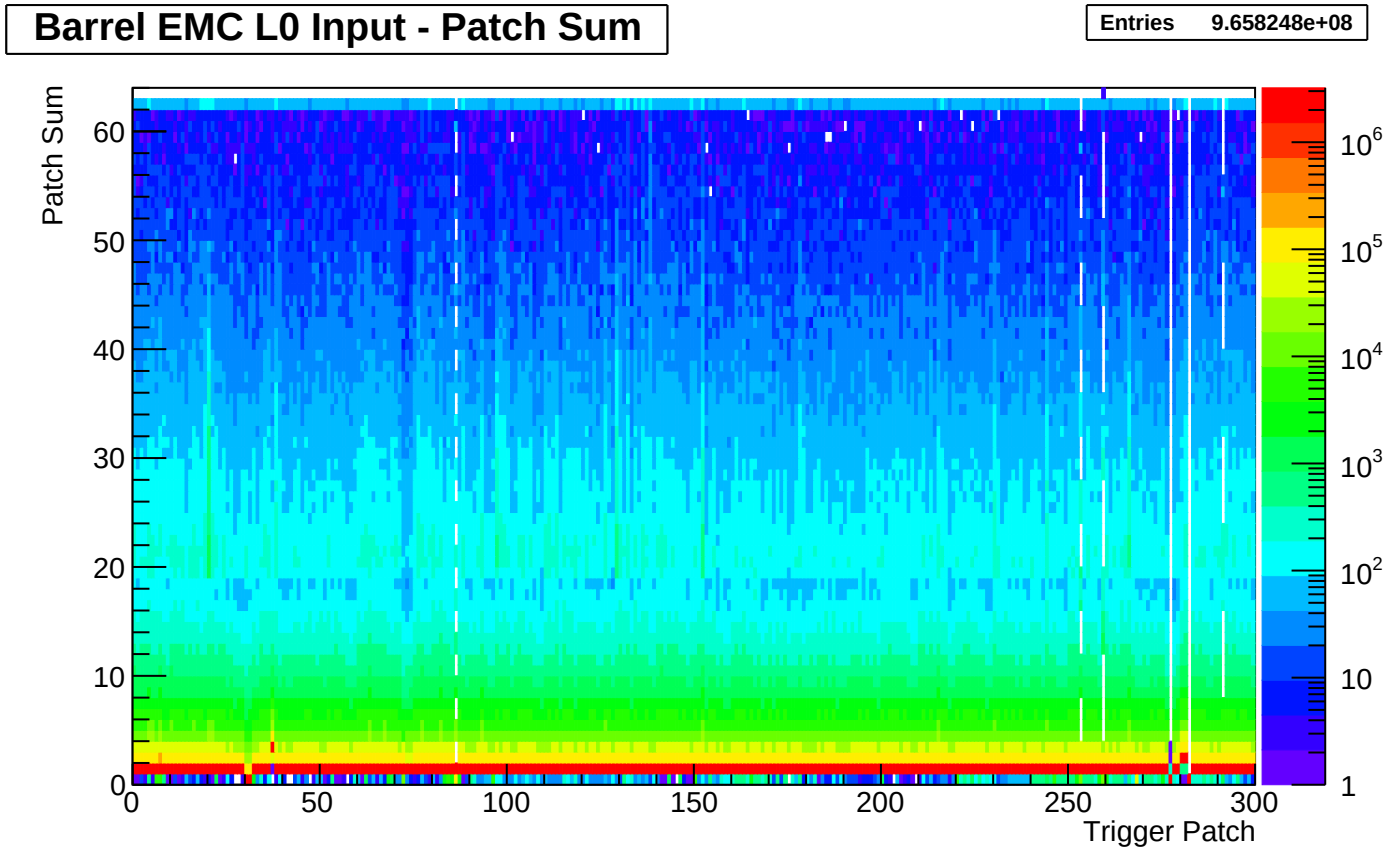
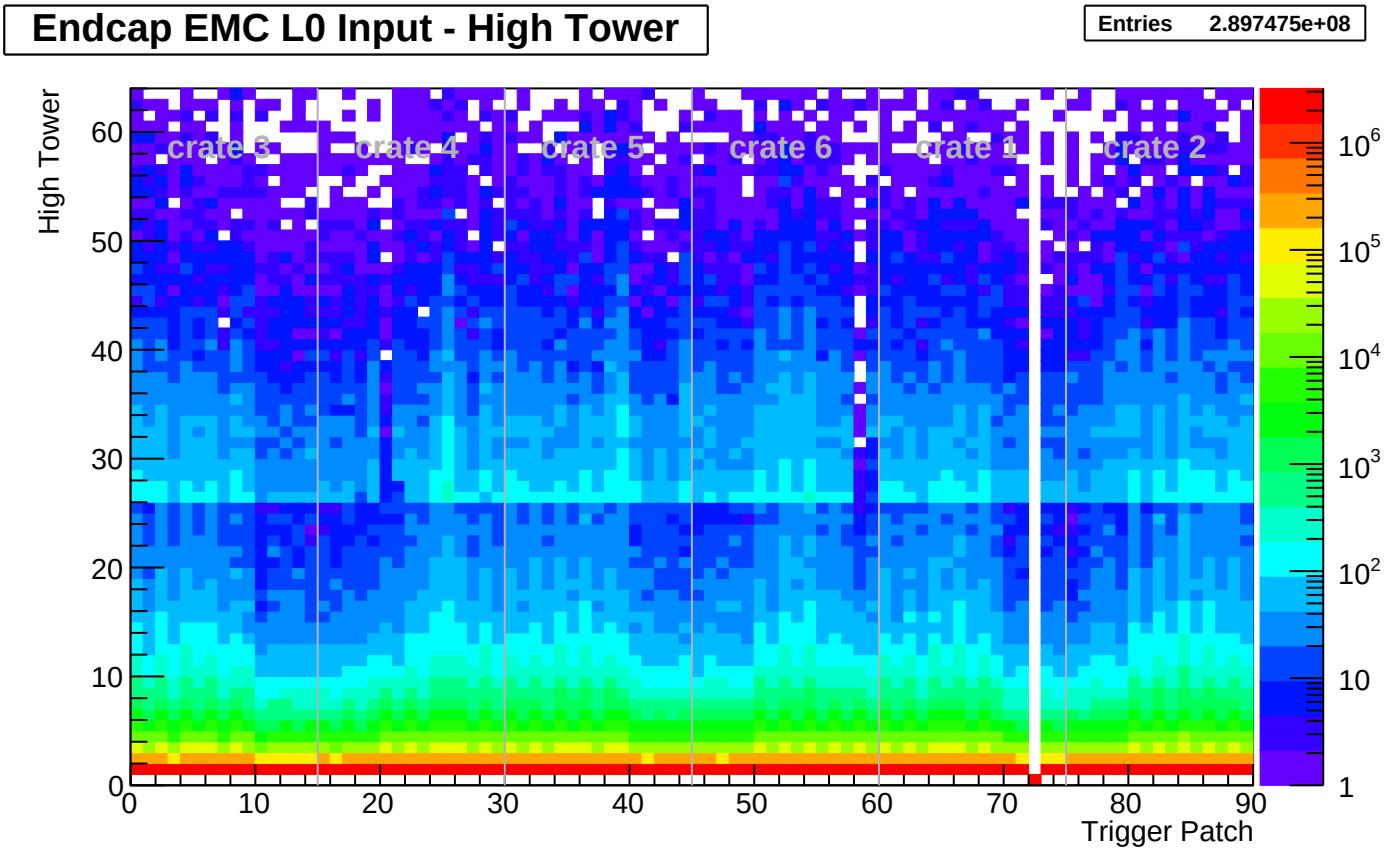
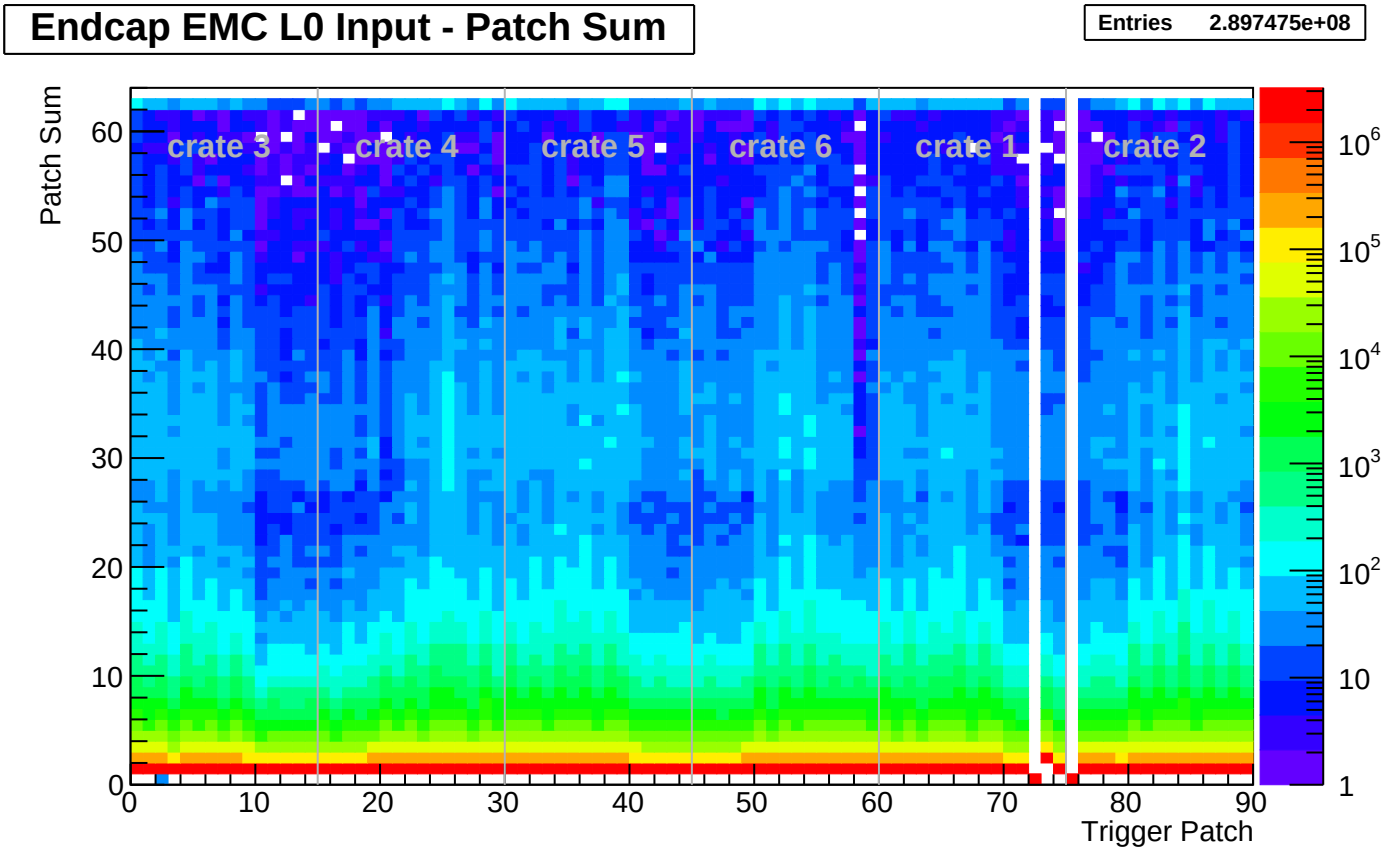
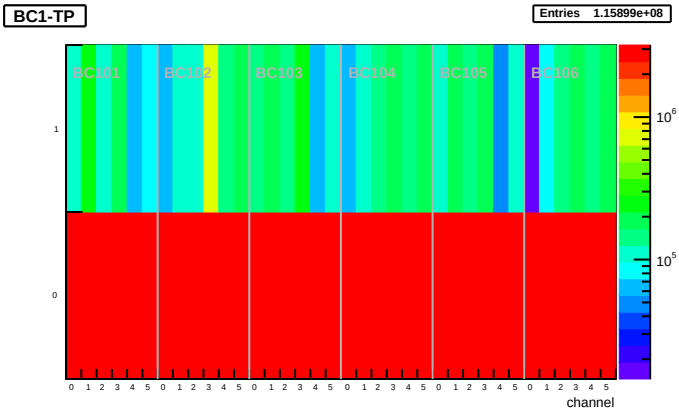
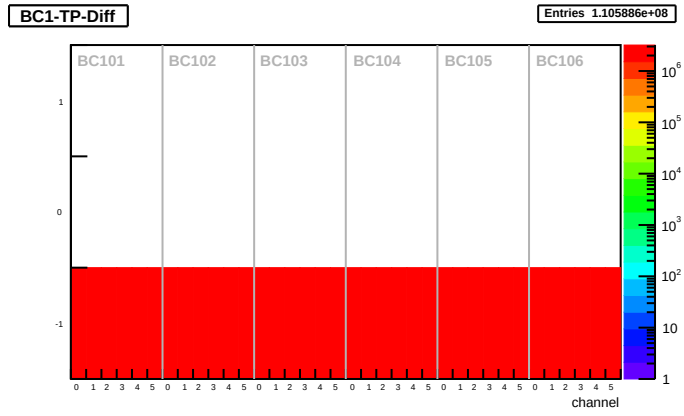

Barrel EMC L0 Input - High Tower
Entries 9.658248e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

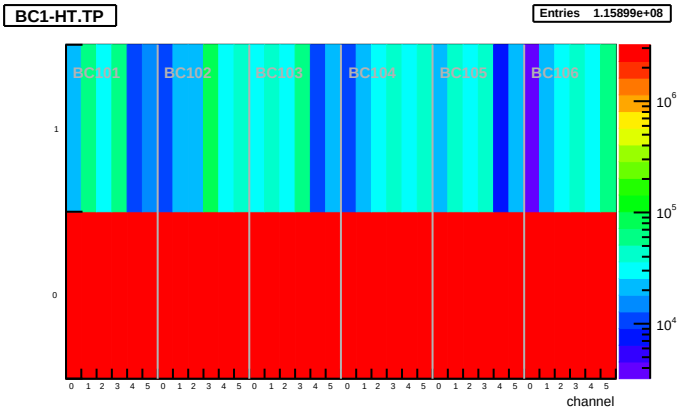

Barrel EMC L0 Input - Patch Sum
Entries 9.658248e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

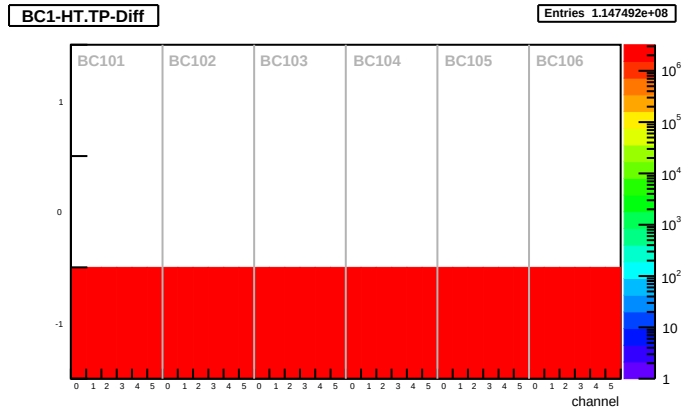

Endcap EMC L0 Input - High Tower
Entries 2.897475e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

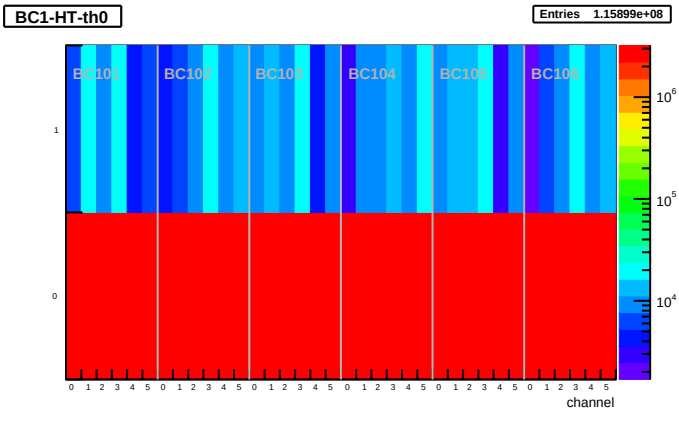

Endcap EMC L0 Input - Patch Sum
Entries 2.897475e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

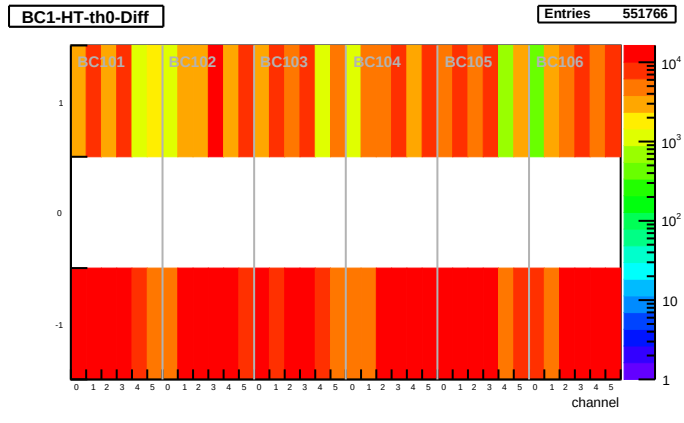

BC1-TP
Entries 1.15899e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

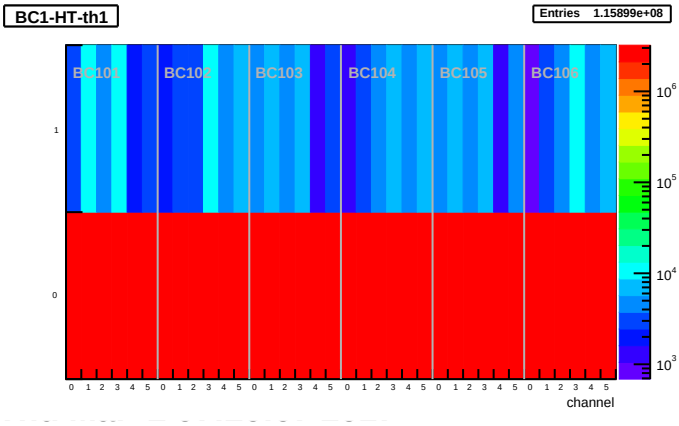

BC1-TP-Diff
Entries 1.105886e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

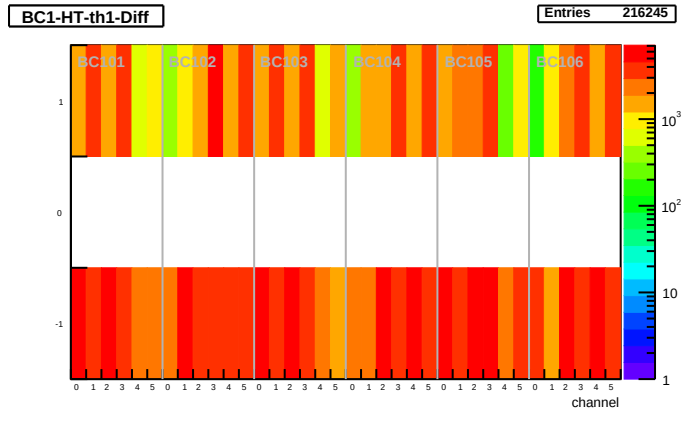

BC1-HT.TP
Entries 1.15899e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

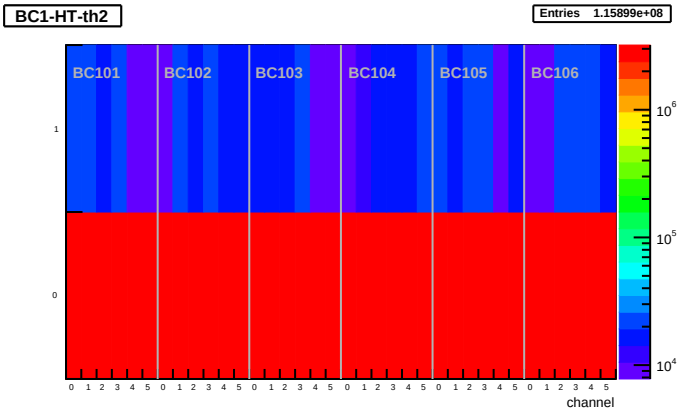

BC1-HT.TP-Diff
Entries 1.147492e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

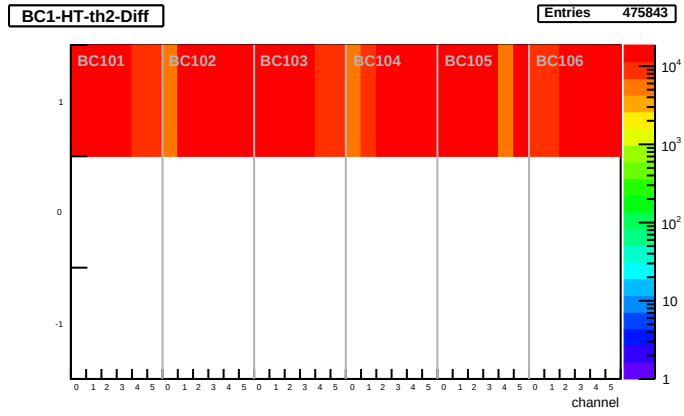

BC1-HT-th0
Entries 1.15899e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

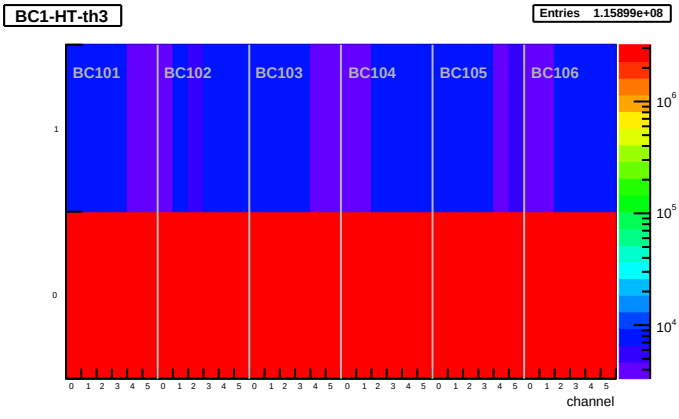

BC1-HT-th0-Diff
Entries 551766
BC101
BC102
BC103
BC104
BC105
BC106
channel

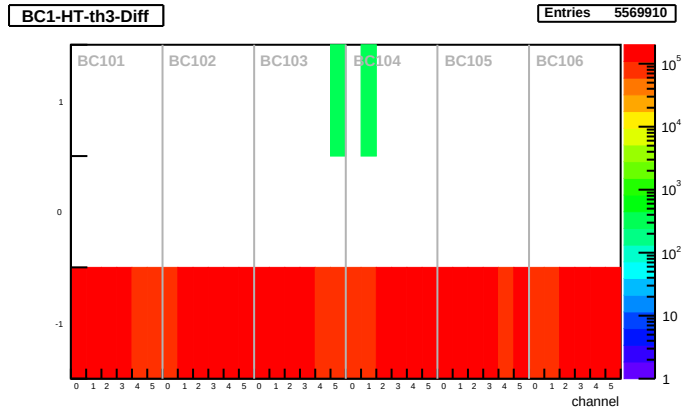

BC1-HT-th1
Entries 1.15899e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

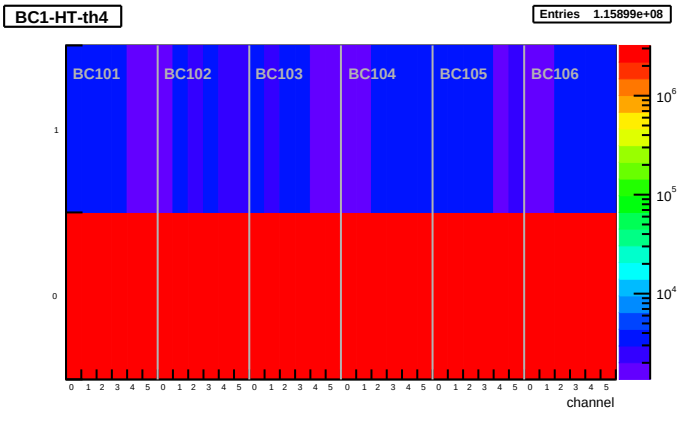

BC1-HT-th1-Diff
Entries 216245
BC101
BC102
BC103
BC104
BC105
BC106
channel

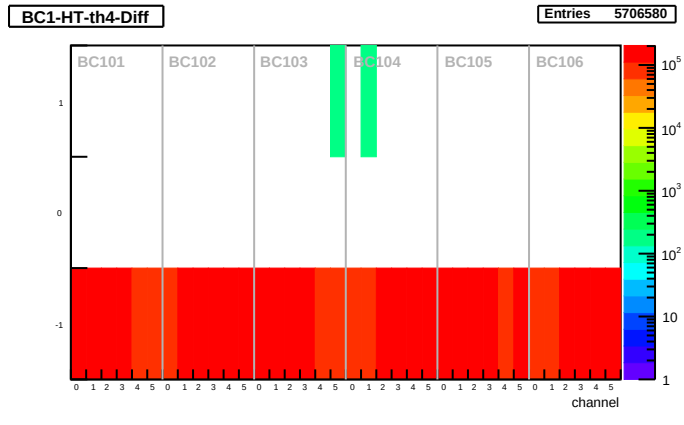

BC1-HT-th2
Entries 1.15899e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

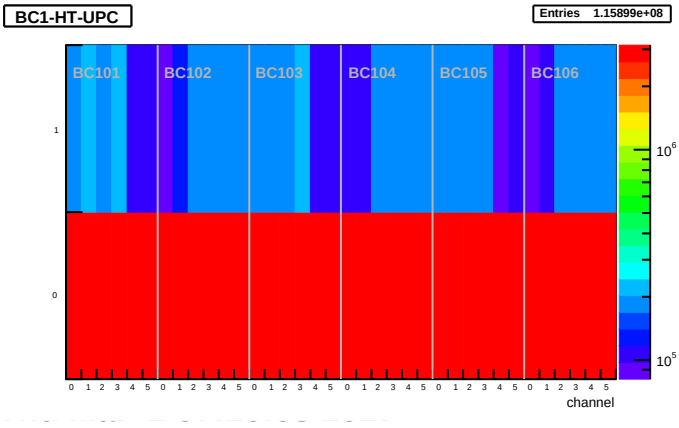

BC1-HT-th2-Diff
Entries 475843
BC101
BC102
BC103
BC104
BC105
BC106
channel

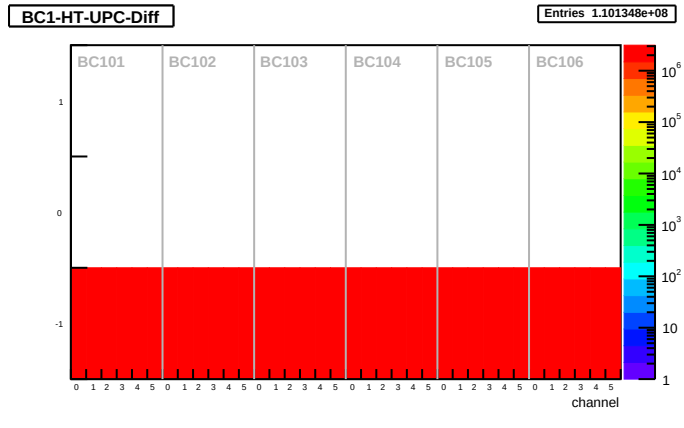

BC1-HT-th3
Entries 1.15899e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

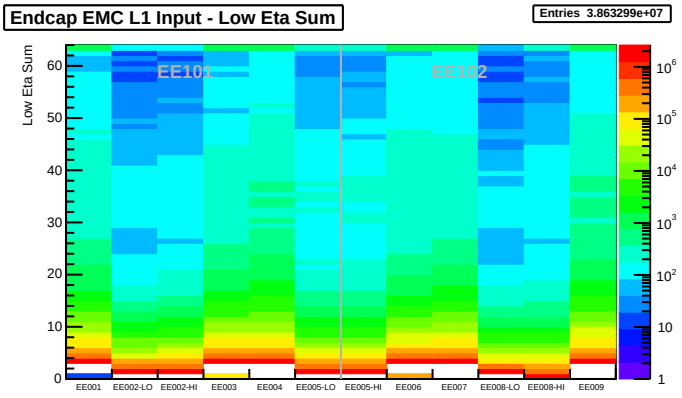

BC1-HT-th3-Diff
Entries 5569910
BC101
BC102
BC103
BC104
BC105
BC106
channel

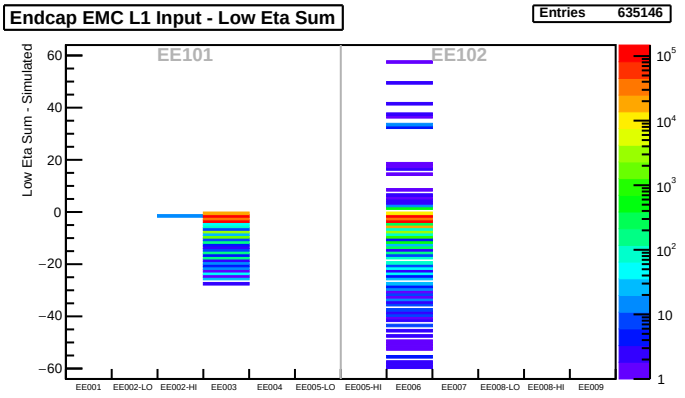

BC1-HT-th4
Entries 1.15899e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

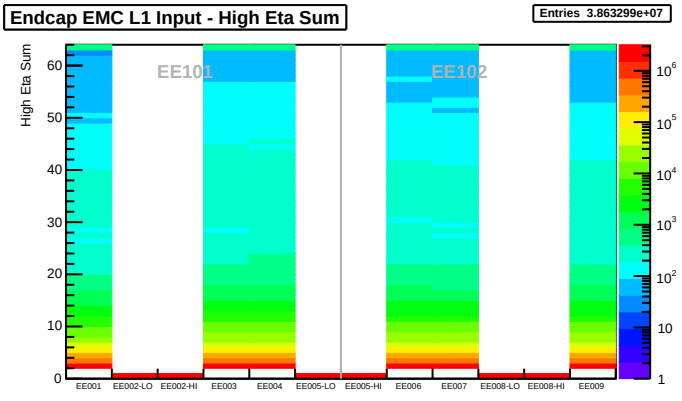

BC1-HT-th4-Diff
Entries 5706580
BC101
BC102
BC103
BC104
BC105
BC106
channel

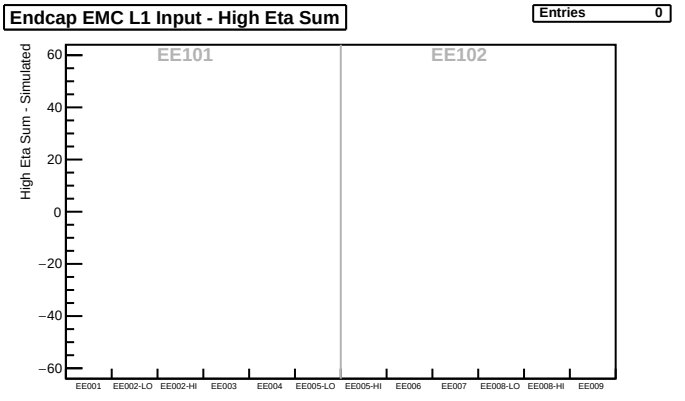

BC1-HT-UPC
Entries 1.15899e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

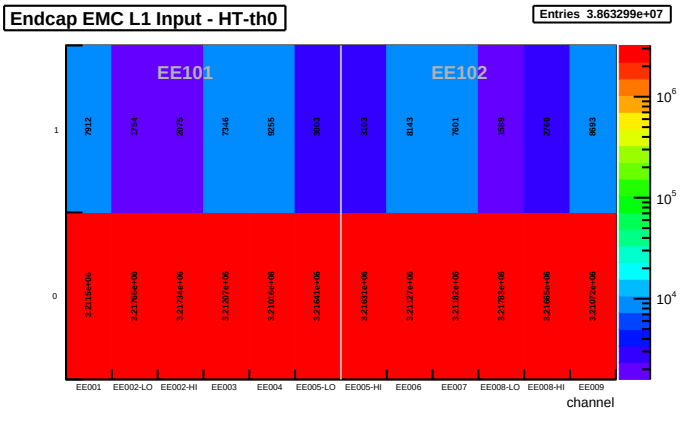

BC1-HT-UPC-Diff
Entries 1.101348e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

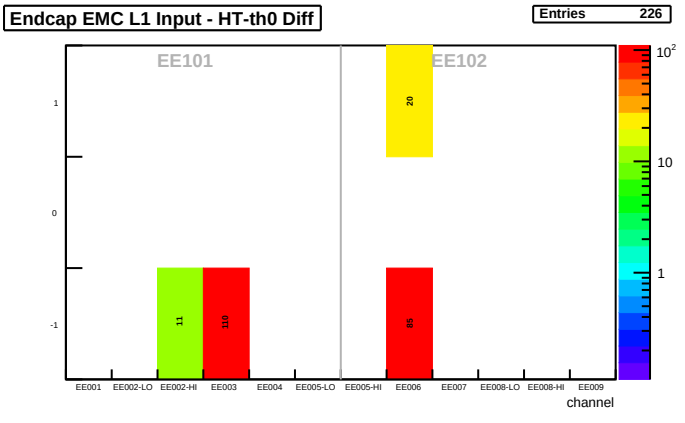

Endcap EMC L1 Input - Low Eta Sum
Entries 3.863299e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

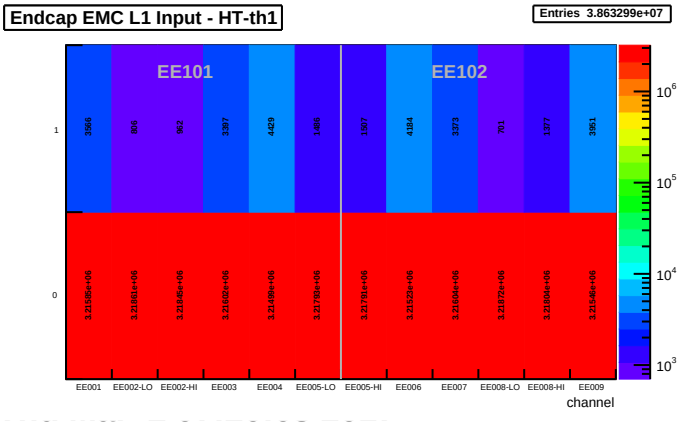

Endcap EMC L1 Input - Low Eta Sum
Entries 635146
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

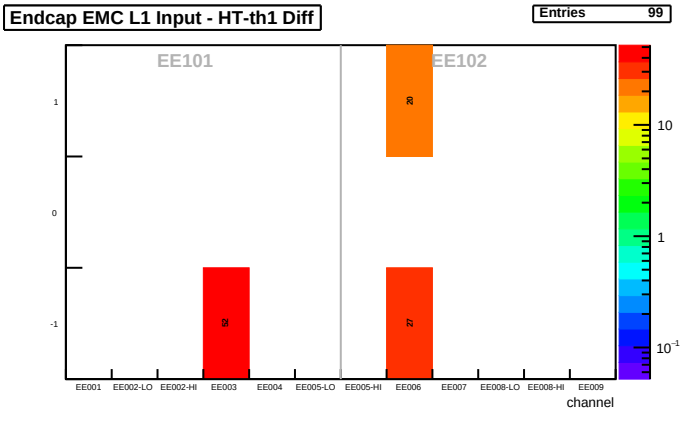

Endcap EMC L1 Input - High Eta Sum
Entries 3.863299e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

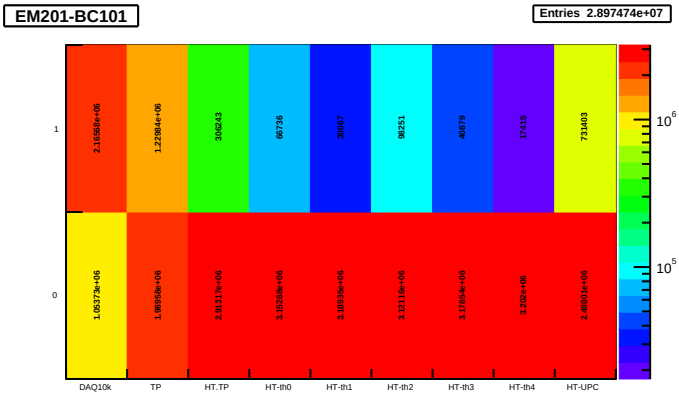

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

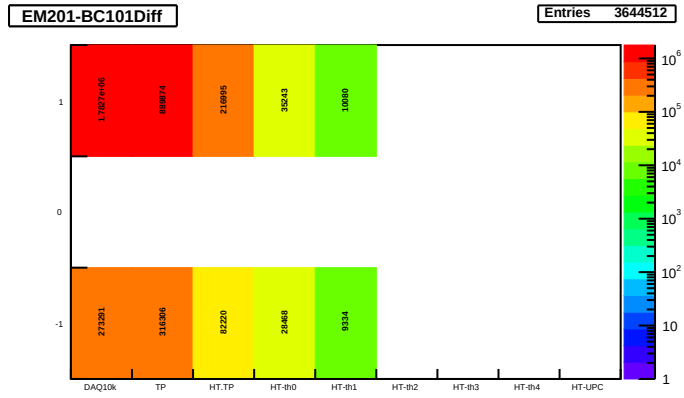

Endcap EMC L1 Input - HT-th0
Entries 3.863299e+07
EE101
EE102
7912 1754 2075 7246 9255 3003 3103 8143 7601 1589 2769 8693
3.2115e+06 3.21756e+06 3.21734e+06 3.21207e+06 3.21016e+06 3.21561e+06 3.21631e+06 3.21127e+06 3.21182e+06 3.21783e+06 3.21065e+06 3.21072e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

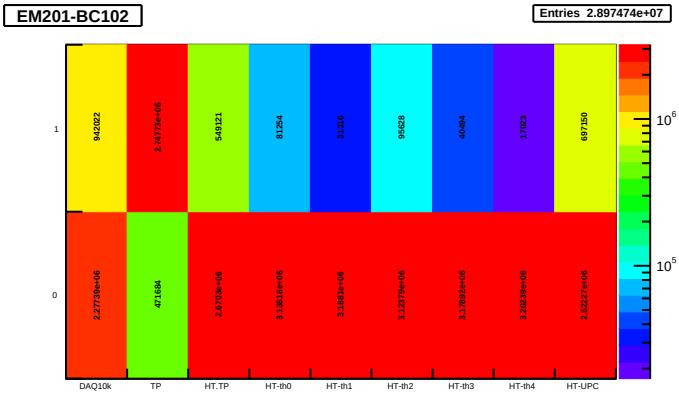

Endcap EMC L1 Input - HT-th0 Diff
Entries 226
EE101
EE102
20
11 110 85
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

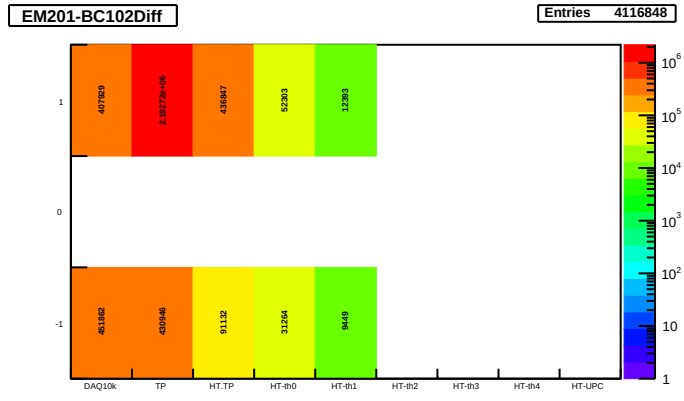

Endcap EMC L1 Input - HT-th1
Entries 3.863299e+07
EE101
EE102
3956 906 902 3387 4429 1486 1507 4184 3373 701 1377 3951
3.21585e+06 3.21861e+06 3.21845e+06 3.21602e+06 3.21499e+06 3.21793e+06 3.21791e+06 3.21523e+06 3.21504e+06 3.21872e+06 3.21604e+06 3.21546e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

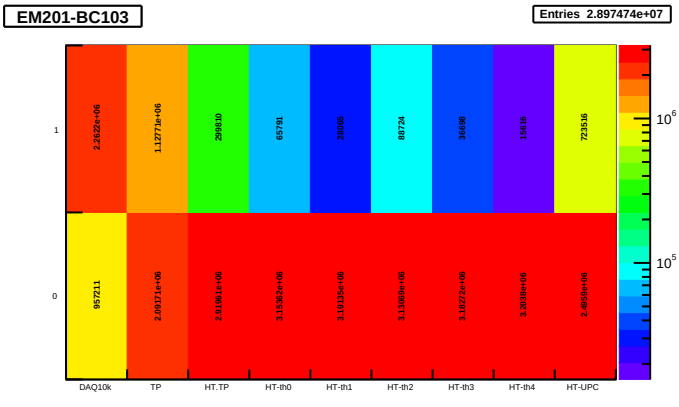

Endcap EMC L1 Input - HT-th1 Diff
Entries 99
EE101
EE102
20
52 27
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

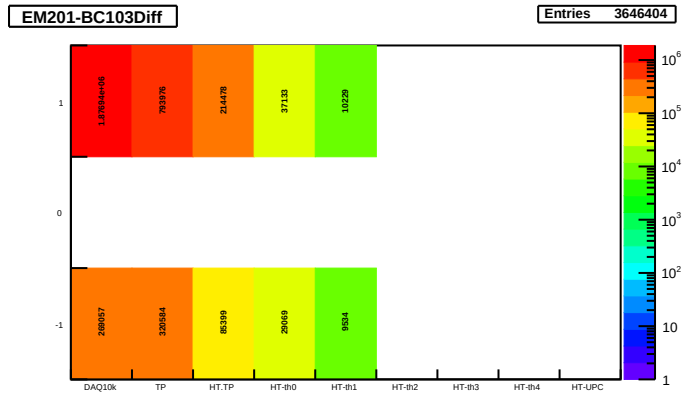

EM201-BC101
Entries 2.897474e+07
2.16558e+06
1.22804e+06
306243
66736
20067
98251
40879
17415
731403
1.06372e+06
1.98958e+06
2.93176e+06
3.15268e+06
3.18935e+06
3.12116e+06
3.17654e+06
3.202e+06
2.48081e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

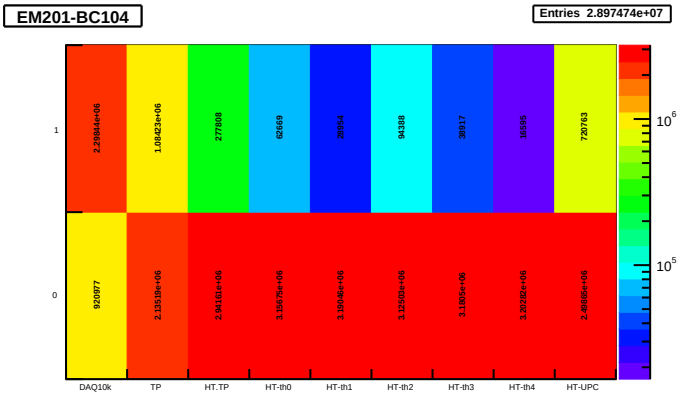

EM201-BC101Diff
Entries 3644512
1.78274e+06
858874
216805
33243
10080
273291
316306
82220
28468
9334
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

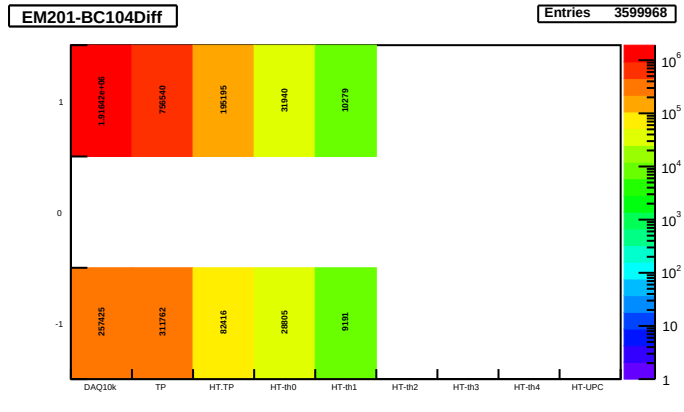

EM201-BC102
Entries 2.897474e+07
942022
2.24773e+06
549121
81254
3.1316
95628
40484
17023
697150
2.27739e+06
471684
2.6703e+06
3.13016e+06
3.11681e+06
3.12379e+06
3.17692e+06
3.20239e+06
2.53227e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 4116848
407929
2.19272e+06
436947
52303
12393
451862
430946
91132
31264
9449
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103
Entries 2.897474e+07
2.26526e+06
1.12771e+06
299810
65791
28265
88724
36688
15516
722516
957211
2.09171e+06
2.91981e+06
3.15362e+06
3.10155e+06
3.13069e+06
3.18272e+06
3.2038e+06
2.4059e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

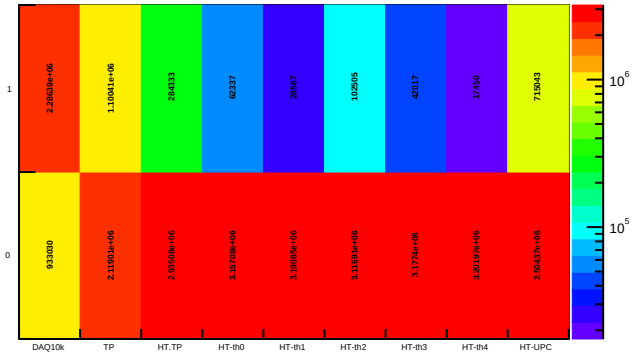

EM201-BC103Diff
Entries 3646404
1.87694e+06
793976
214478
37133
10229
289057
325584
85399
29069
9534
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104
Entries 2.897474e+07
2.29844e+06
1.08423e+06
277608
62669
28954
94388
38917
15595
720763
920977
2.13539e+06
2.94161e+06
3.15475e+06
3.19046e+06
3.12503e+06
3.1305e+06
3.20282e+06
2.48860e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 3599968
1.91942e+06
756540
186195
31940
10279
257425
311762
82416
28805
9191
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

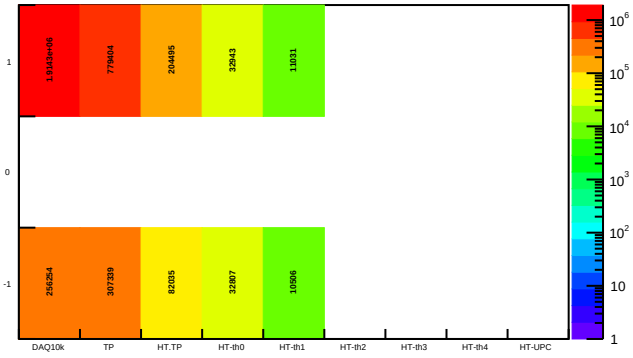
EM201-BC105

Entries 2.897474e+07



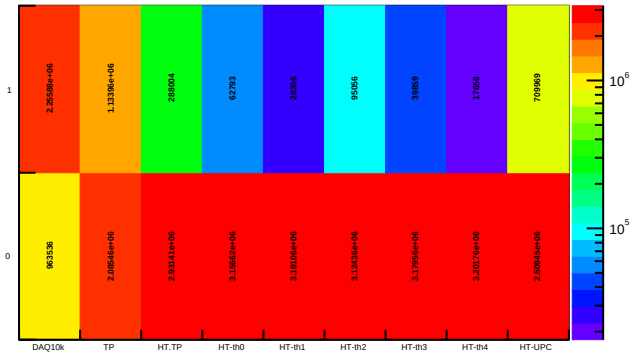
EM201-BC105Diff

Entries 3631112



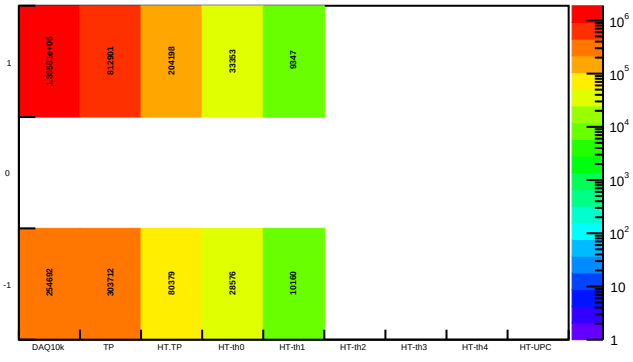
EM201-BC106

Entries 2.897474e+07



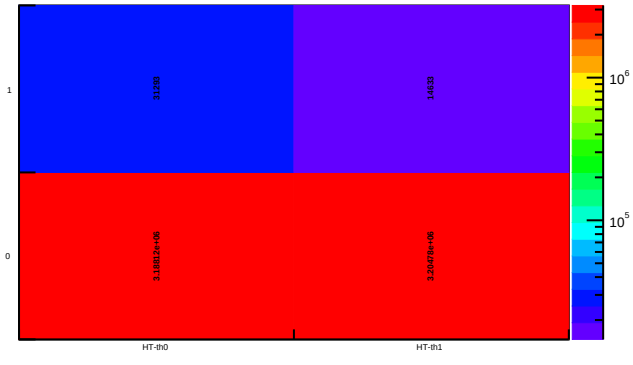
EM201-BC106Diff

Entries 3623124



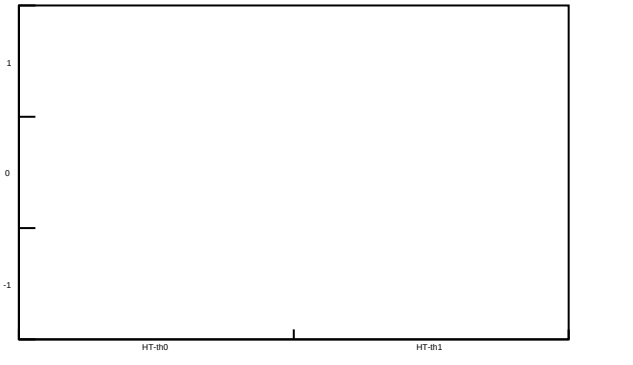
EM201-EE101

Entries 6438832



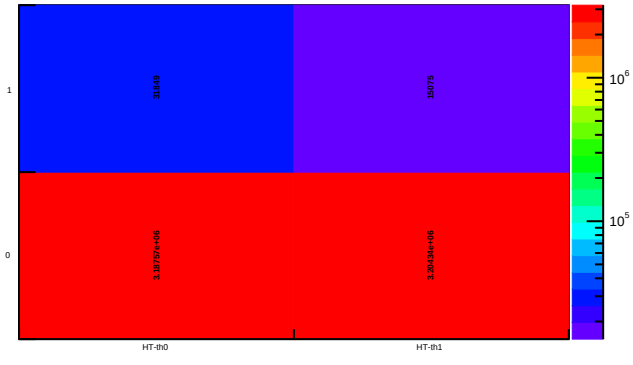
EM201-EE101Diff

Entries 0



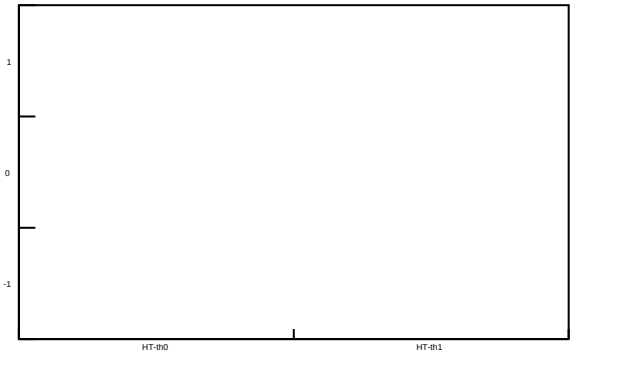
EM201-EE102

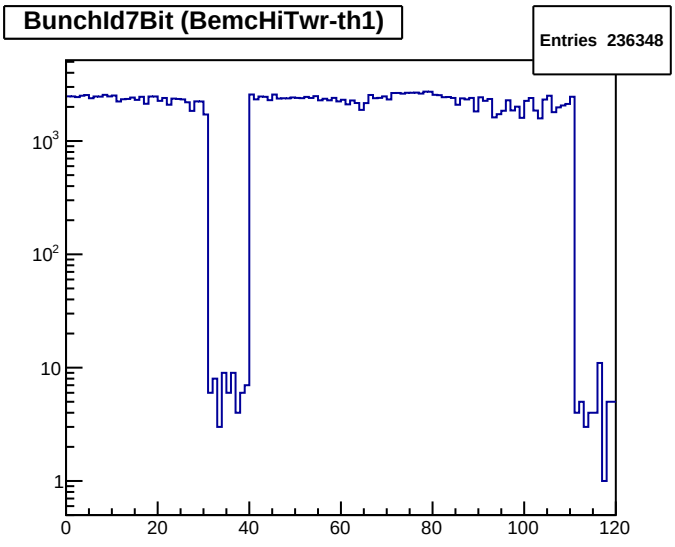
Entries 6438832

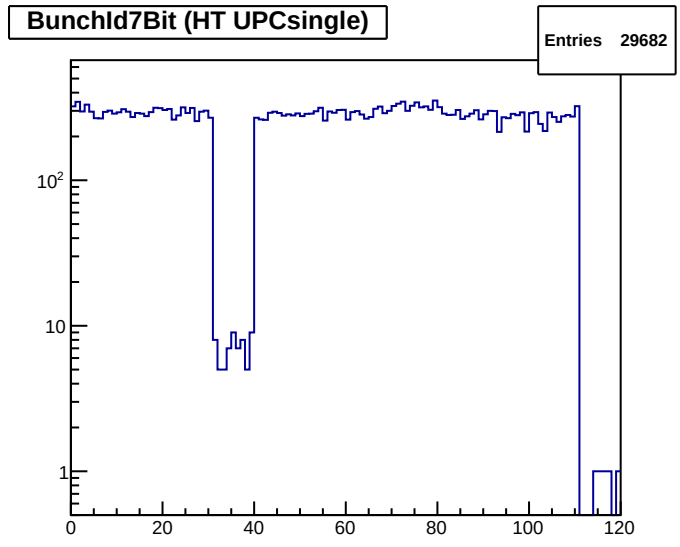


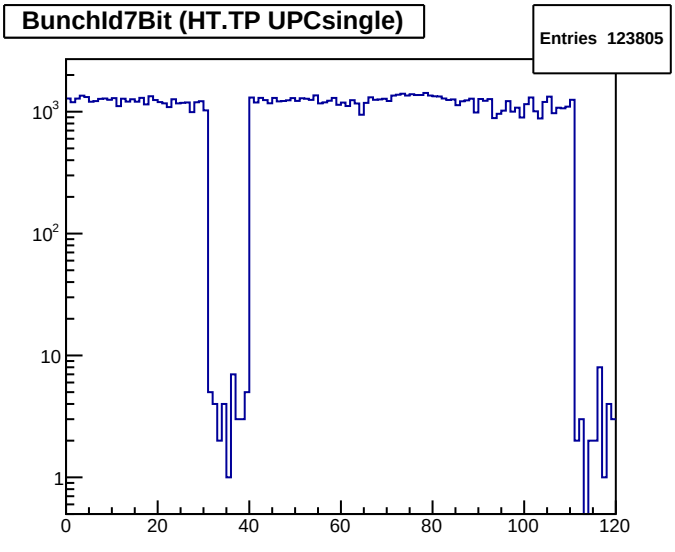
EM201-EE102Diff

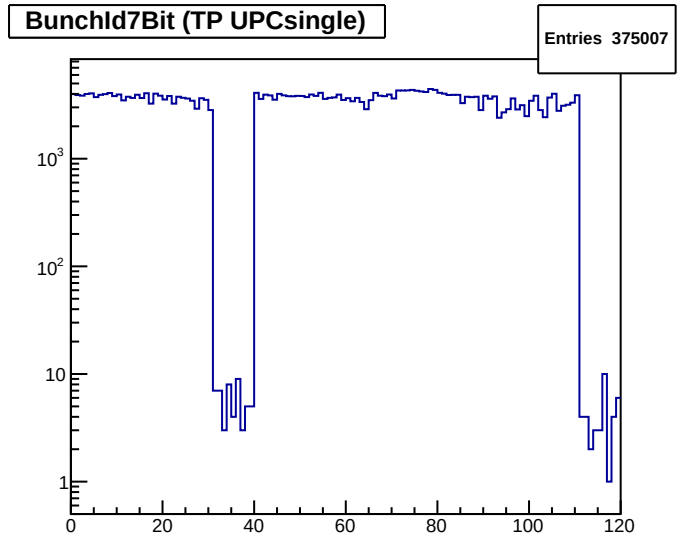
Entries 0

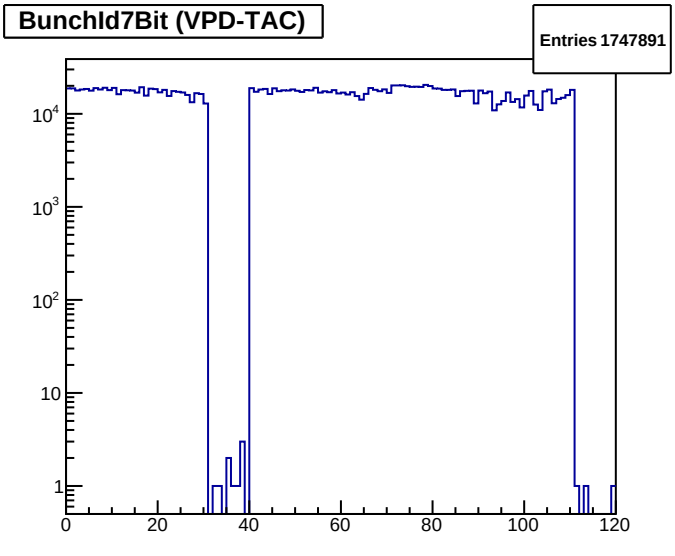


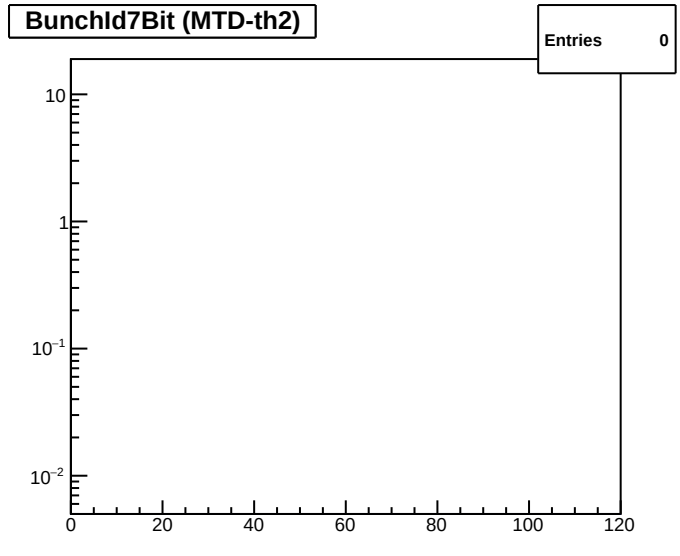

BunchId7Bit (BemcHiTwr-th1)
Entries 236348

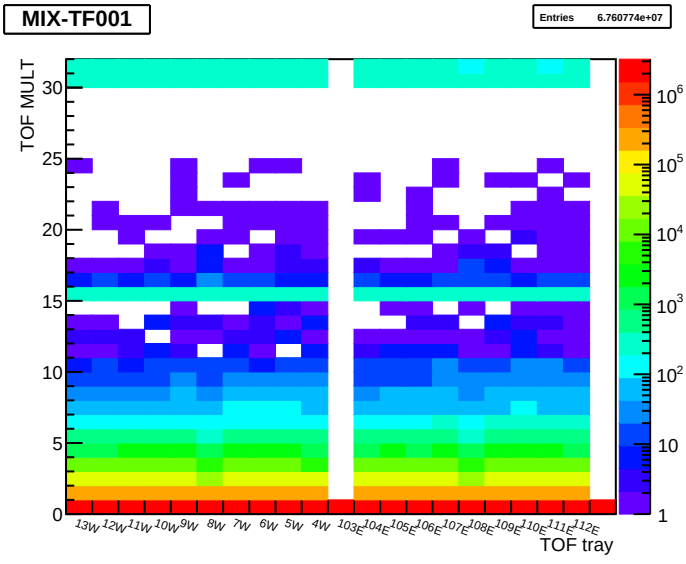

BunchId7Bit (HT UPCsingle)
Entries 29682

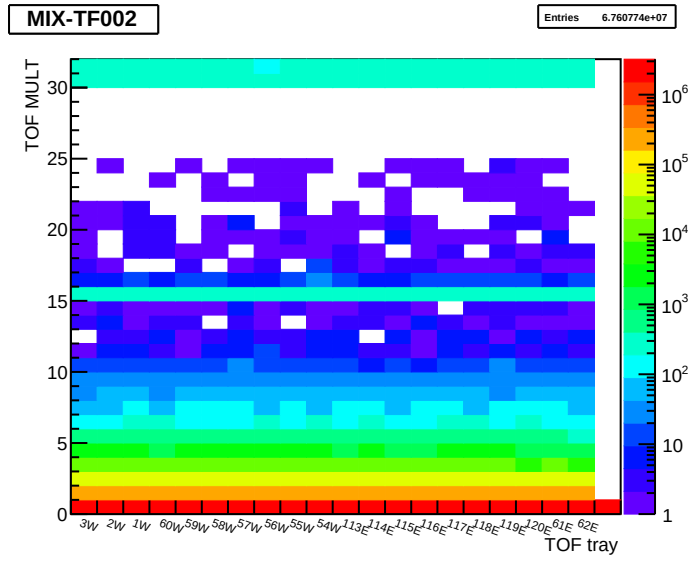

BunchId7Bit (HT.TP UPCsingle)
Entries 123805

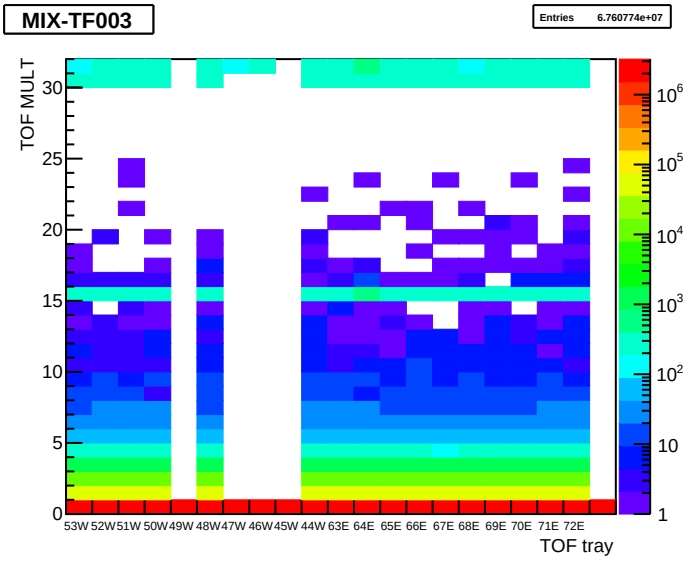

BunchId7Bit (TP UPCsingle)
Entries 375007

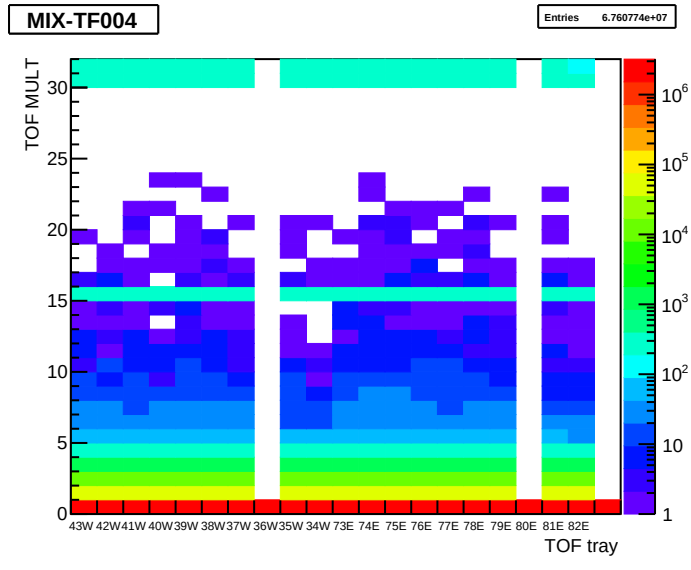

BunchId7Bit (VPD-TAC)
Entries 1747891

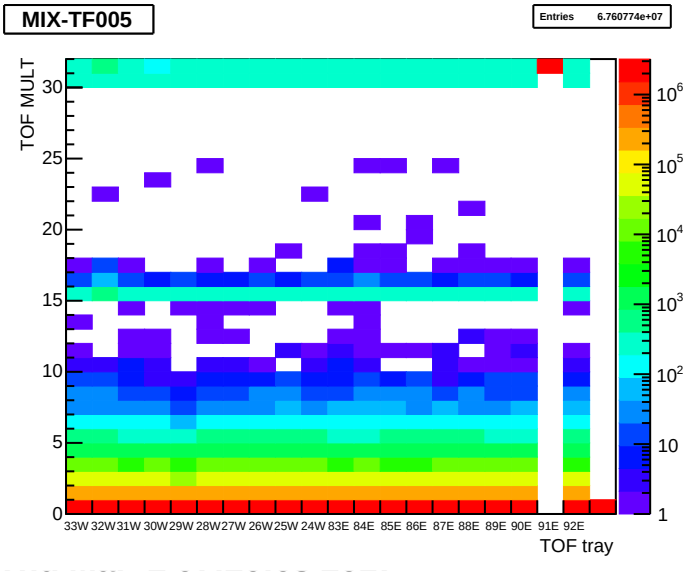

BunchId7Bit (MTD-th2)
Entries 0

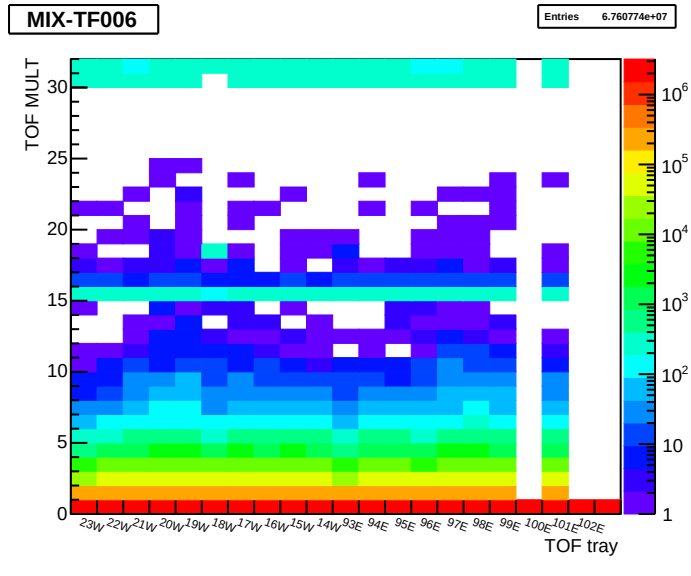

MIX-TF001
Entries 6.760774e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

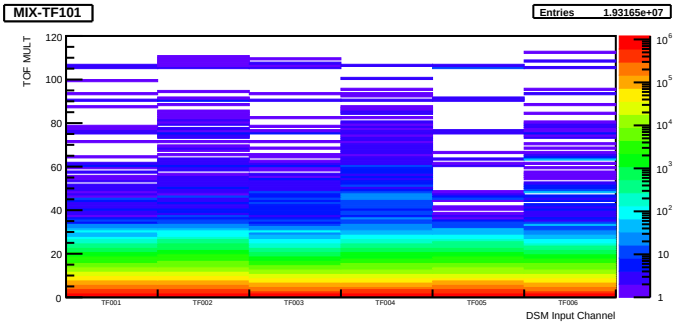

MIX-TF002
Entries 6.760774e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

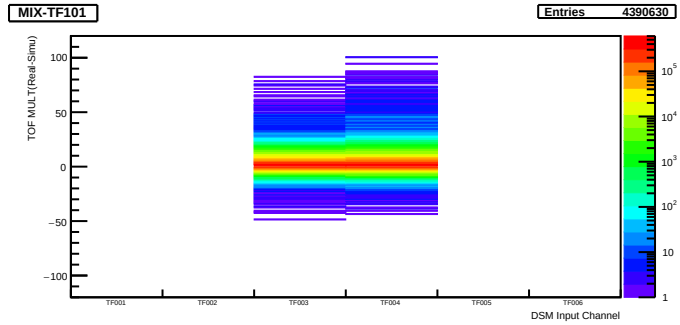

MIX-TF003
Entries 6.760774e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

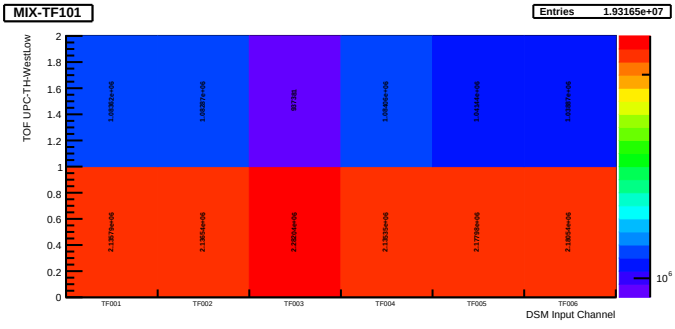

MIX-TF004
Entries 6.760774e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

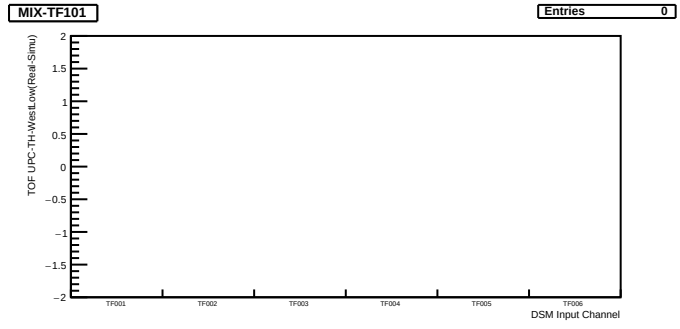

MIX-TF005
Entries 6.760774e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

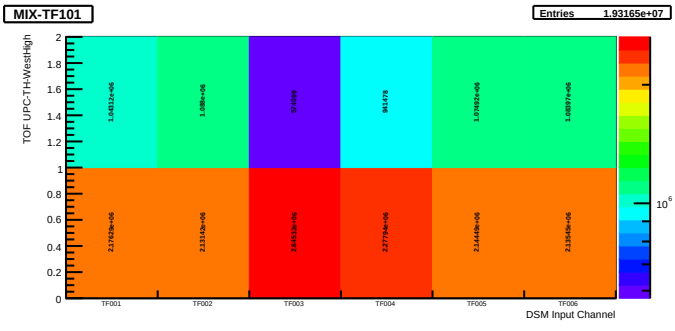

MIX-TF006
Entries 6.760774e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

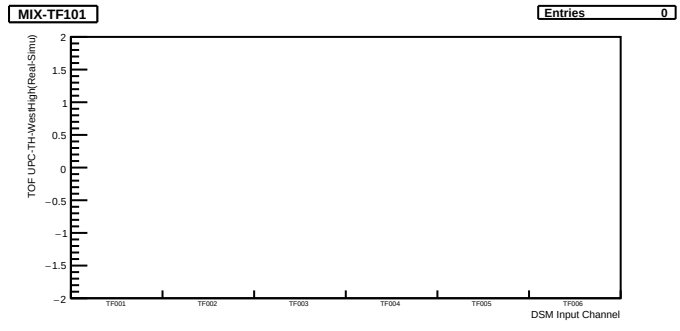

MIX-TF101
Entries 1.93165e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

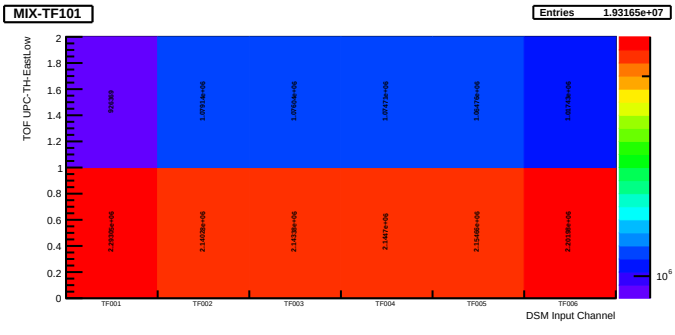

MIX-TF101
Entries 4390630
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

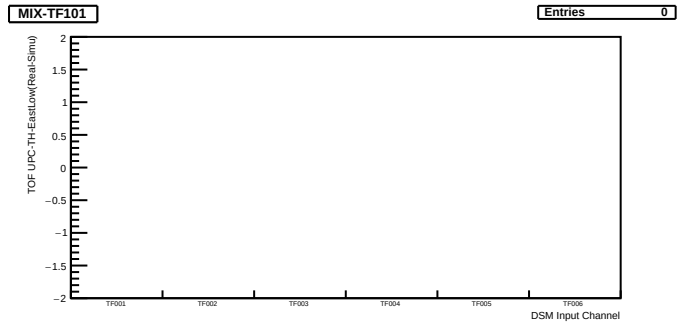

MIX-TF101
Entries 1.93165e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

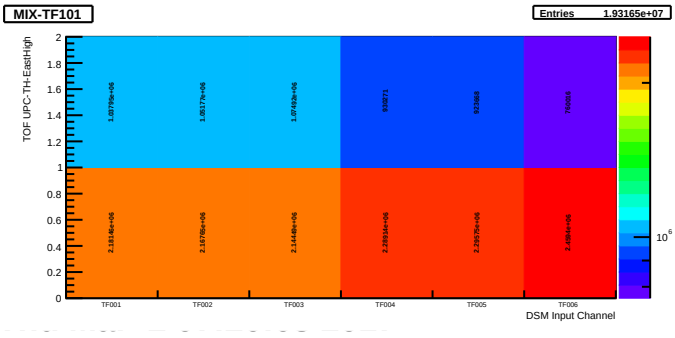

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

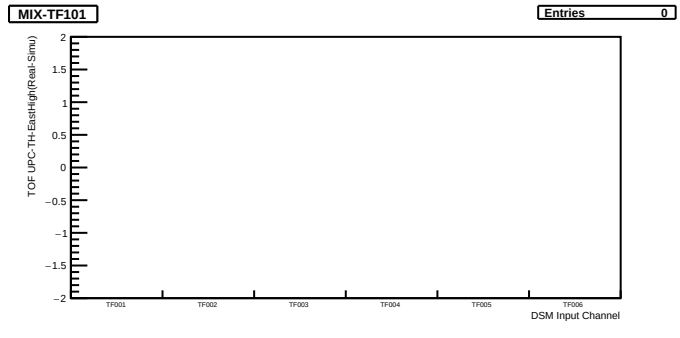

MIX-TF101
Entries 1.93165e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

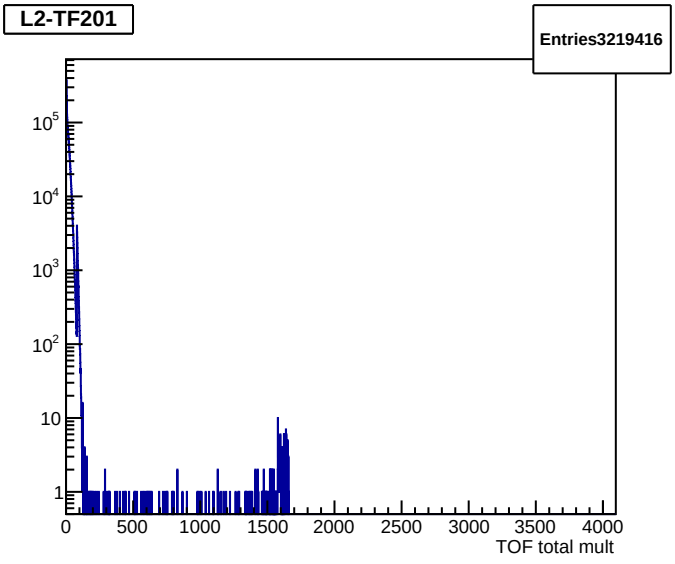

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

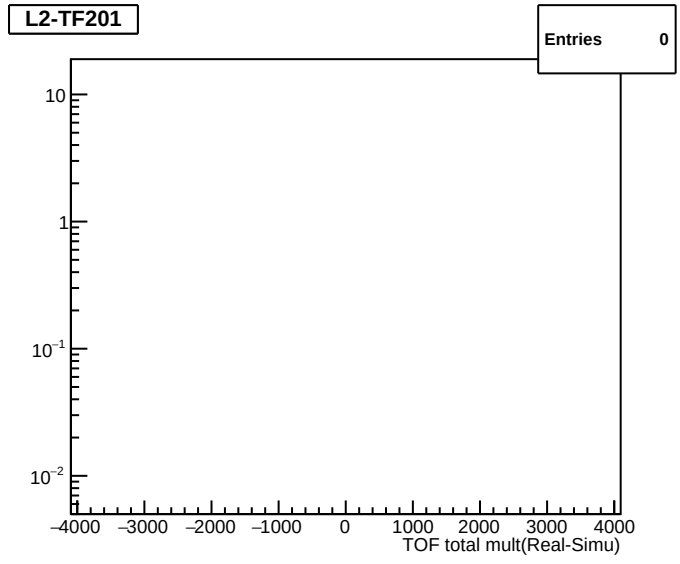

MIX-TF101
Entries 1.93165e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

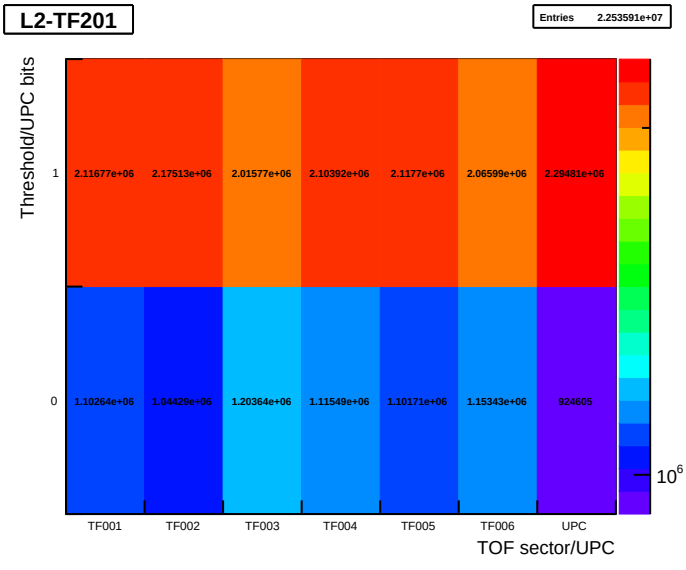

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

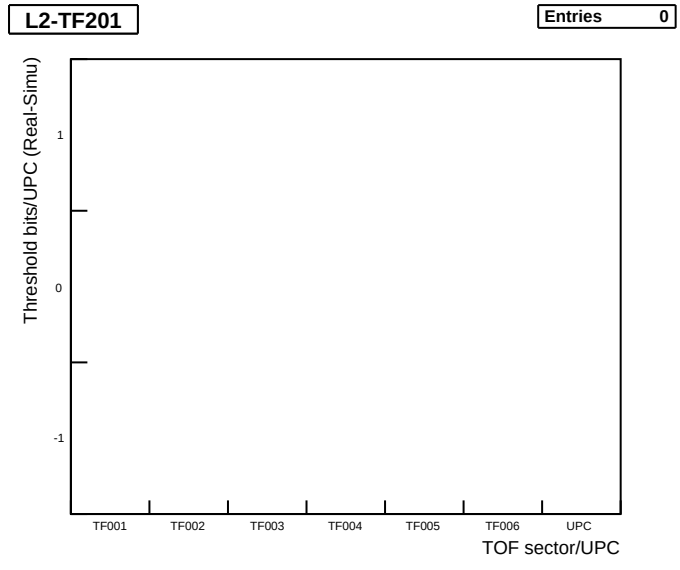

MIX-TF101
Entries 1.93165e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

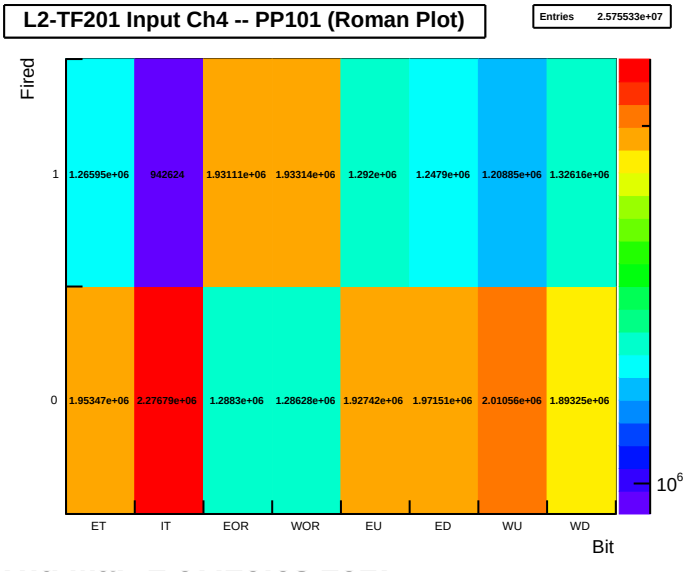

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

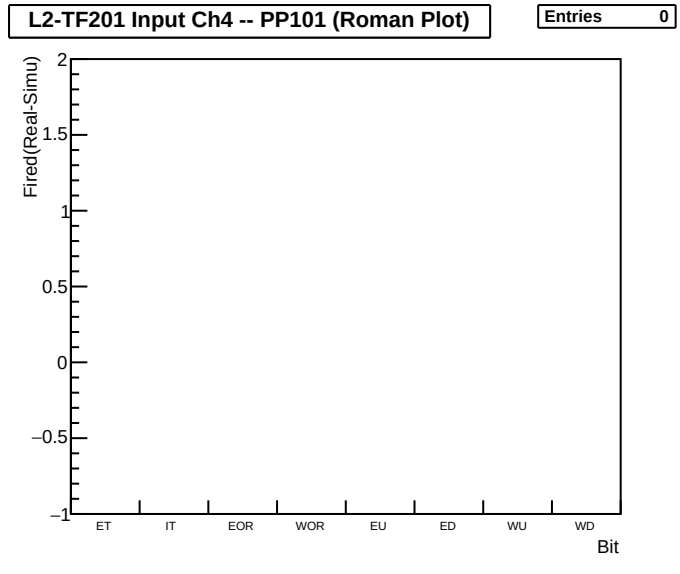

L2-TF201
Entries3219416
TOF total mult

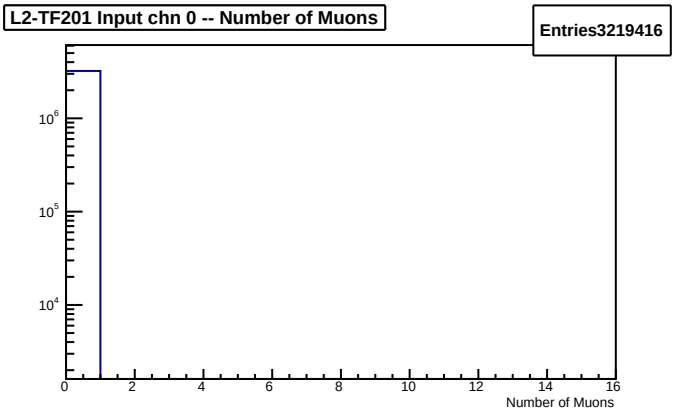

L2-TF201
Entries 0
TOF total mult(Real-Simu)

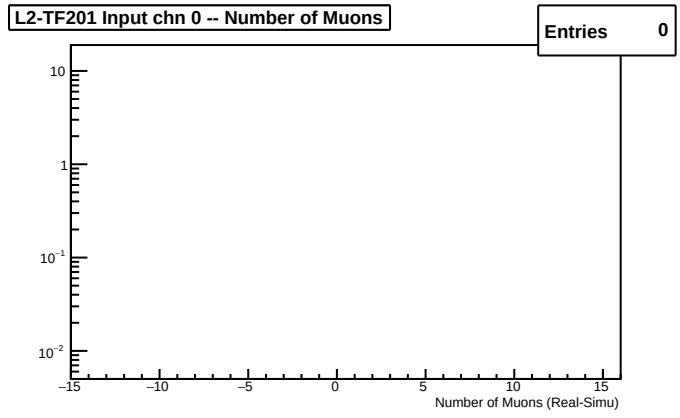

L2-TF201
Entries 2.253591e+07
Threshold/UPC bits
2.11677e+06
2.17513e+06
2.01577e+06
2.10392e+06
2.1177e+06
2.06599e+06
2.29481e+06
1.10264e+06
1.04429e+06
1.20364e+06
1.11549e+06
1.10171e+06
1.15343e+06
924605
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

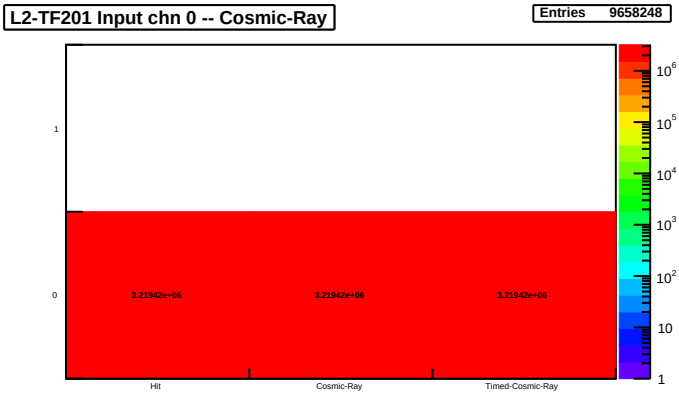

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

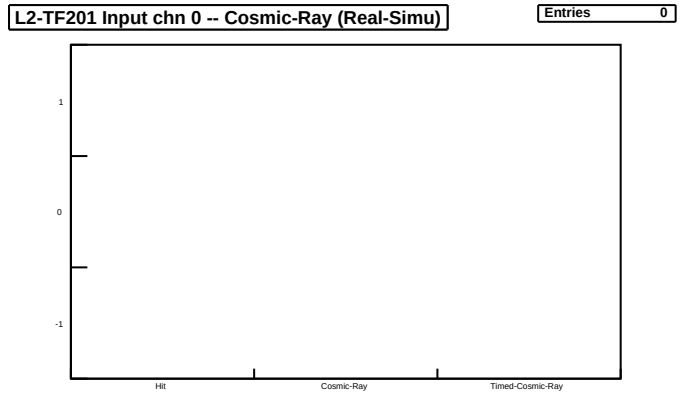

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.575533e+07
Fired
1.26595e+06
942624
1.93111e+06
1.93314e+06
1.292e+06
1.2479e+06
1.20885e+06
1.32616e+06
1.95347e+06
2.27679e+06
1.2883e+06
1.28628e+06
1.92742e+06
1.97151e+06
2.01056e+06
1.89325e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

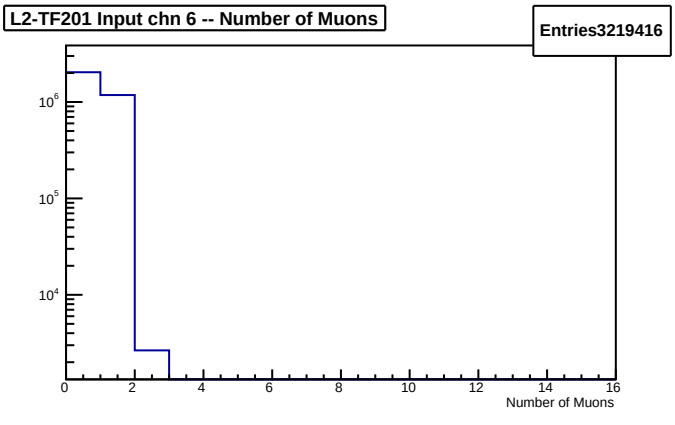

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

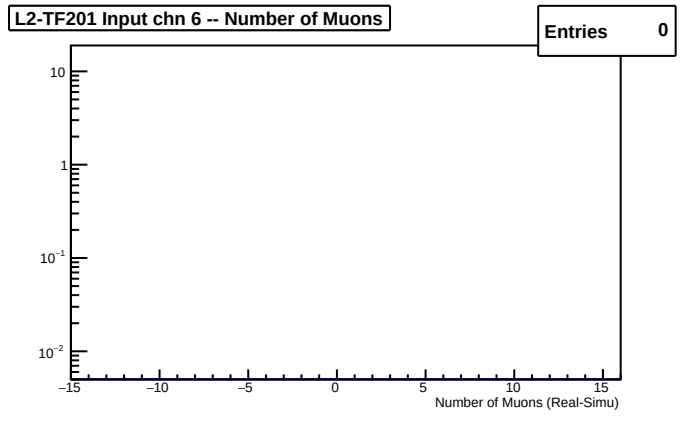

L2-TF201 Input chn 0 -- Number of Muons
Entries3219416
Number of Muons

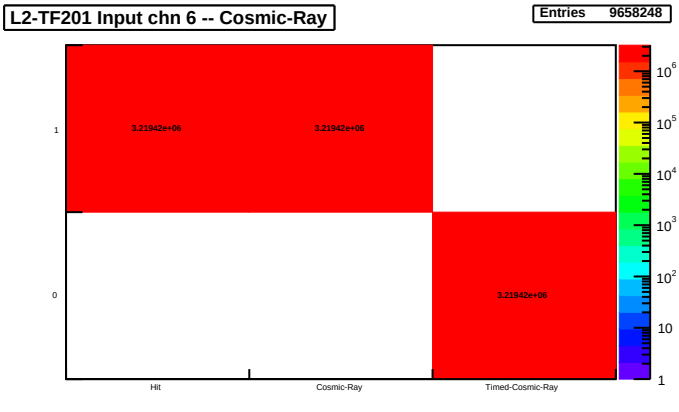

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

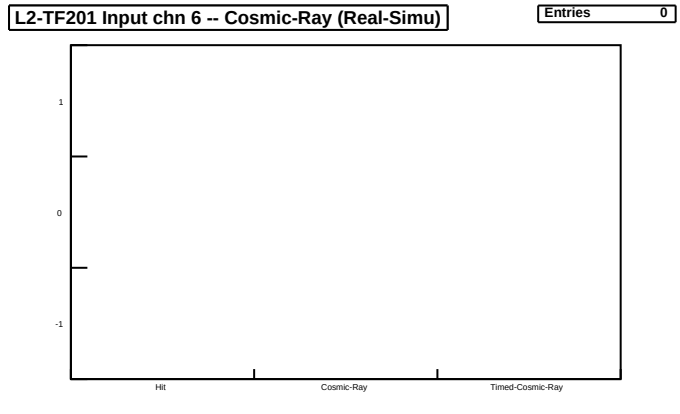

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 9658248
3.21942e+06
3.21942e+06
3.21942e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

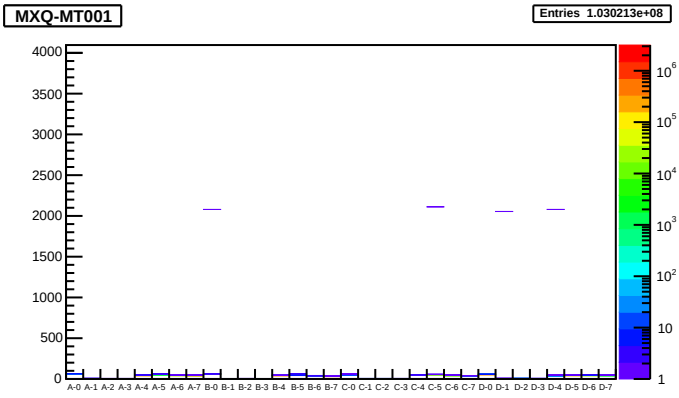

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

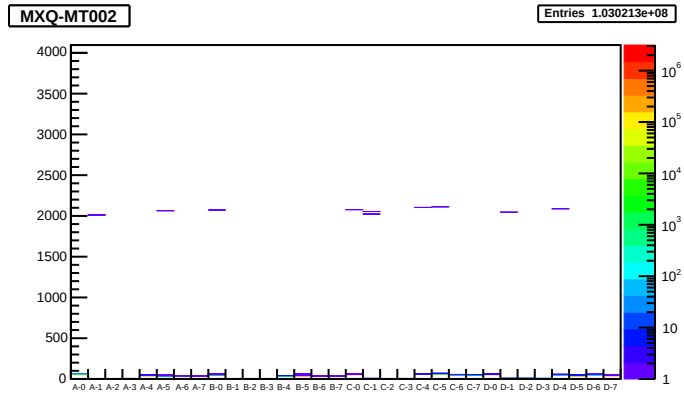

L2-TF201 Input chn 6 -- Number of Muons
Entries3219416
Number of Muons

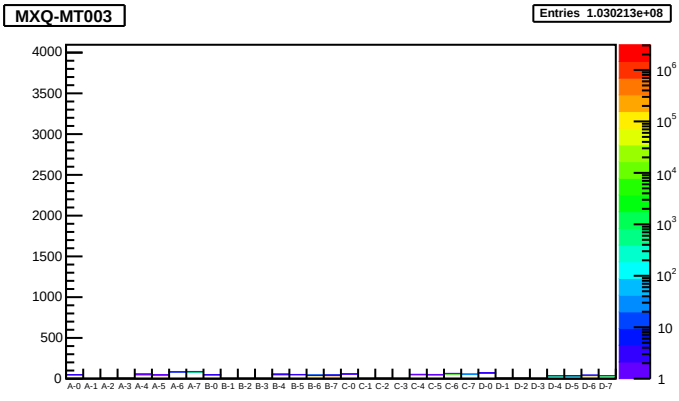

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

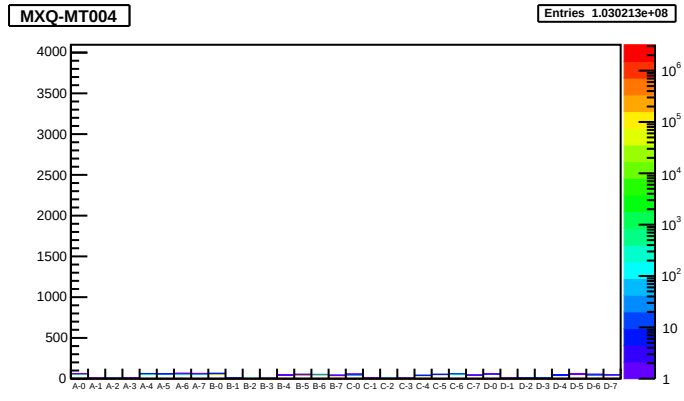

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 9658248
3.21942e+06
3.21942e+06
3.21942e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

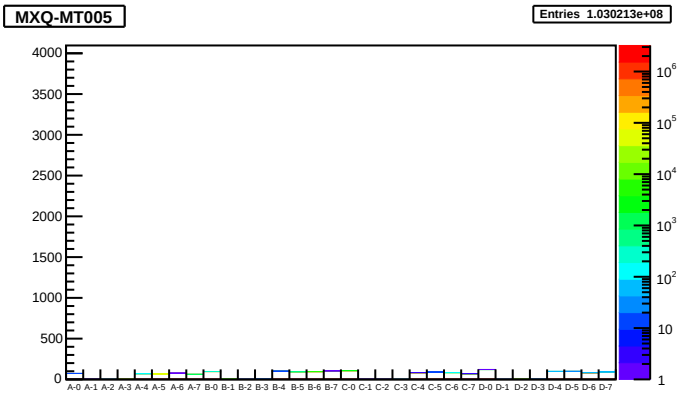

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

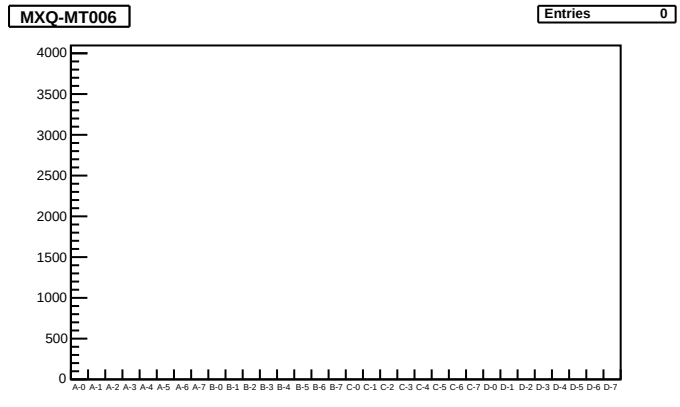

MXQ-MT001
Entries 1.030213e+08

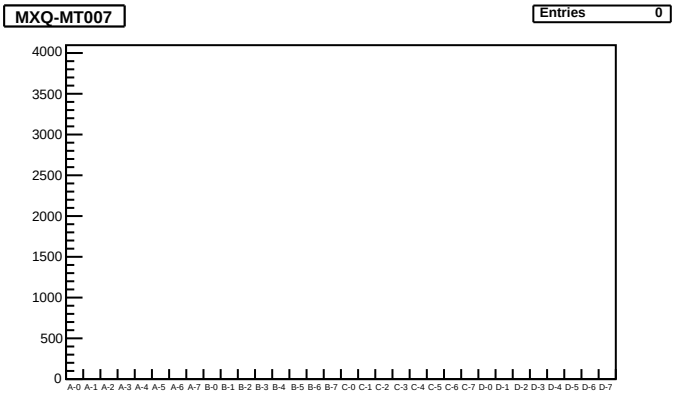

MXQ-MT002
Entries 1.030213e+08

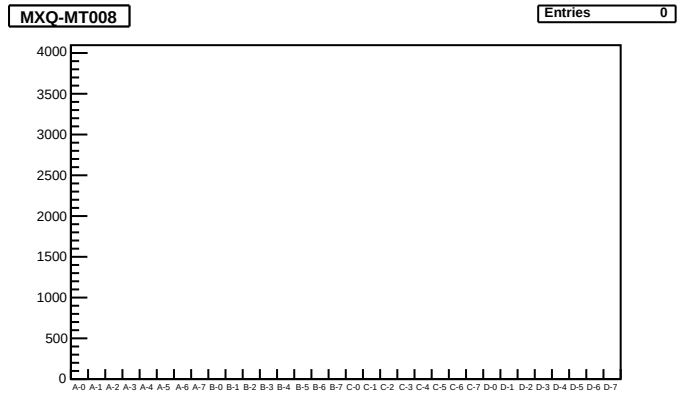

MXQ-MT003
Entries 1.030213e+08

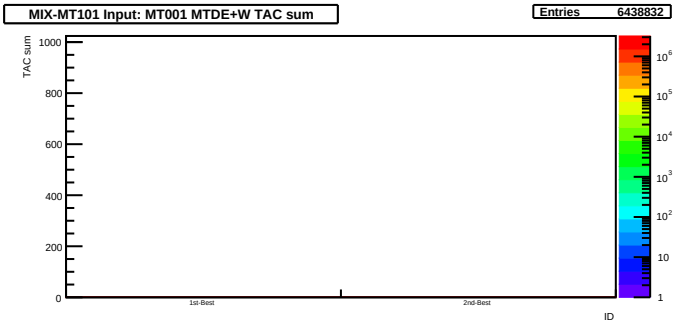

MXQ-MT004
Entries 1.030213e+08

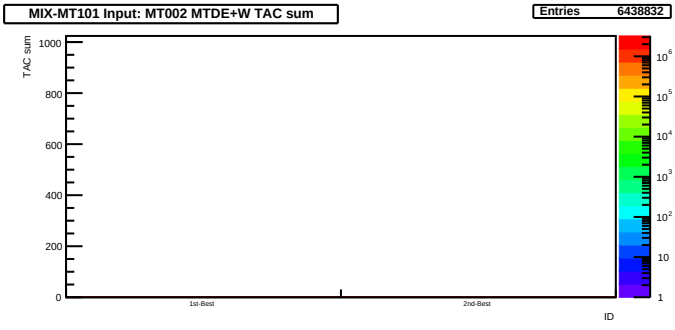

MXQ-MT005
Entries 1.030213e+08

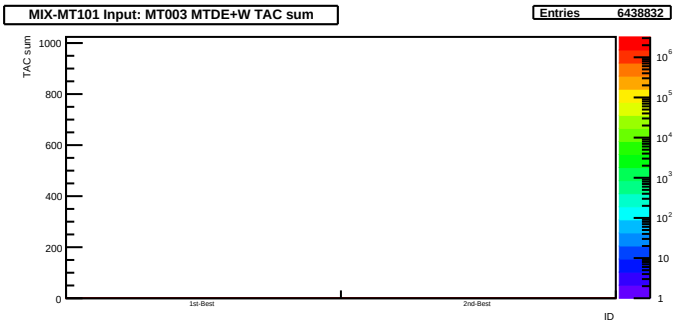

MXQ-MT006
Entries 0

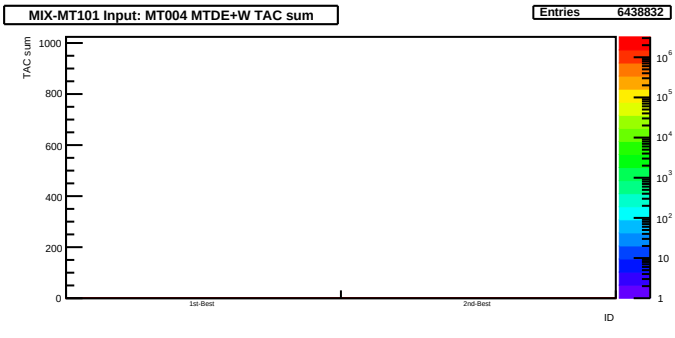

MXQ-MT007
Entries 0

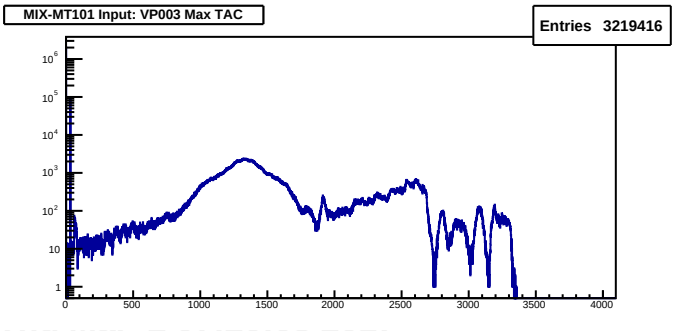

MXQ-MT008
Entries 0

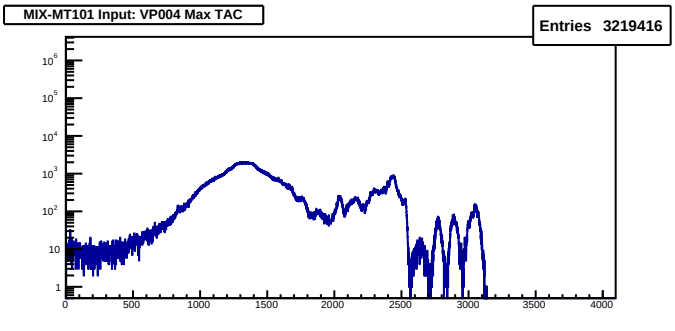

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 6438832
TAC sum
1st-Best
2nd-Best
ID

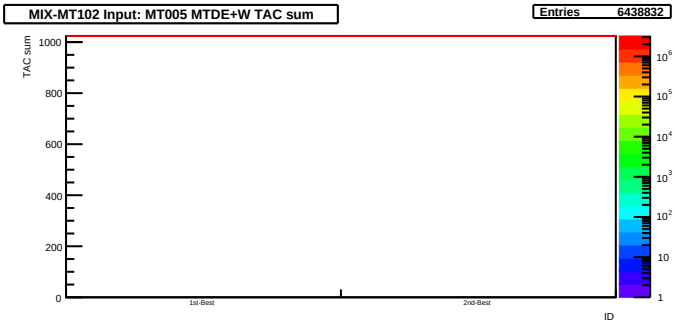

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 6438832
TAC sum
1st-Best
2nd-Best
ID

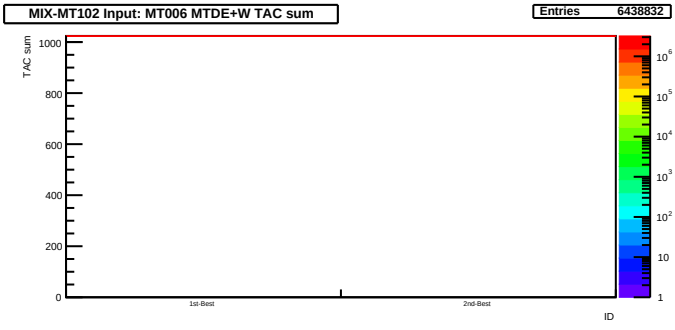

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 6438832
TAC sum
1st-Best
2nd-Best
ID

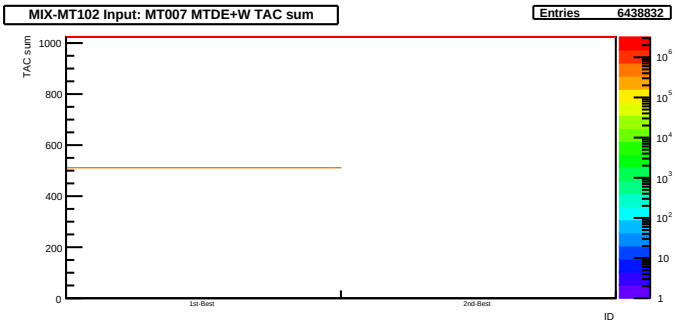

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 6438832
TAC sum
1st-Best
2nd-Best
ID

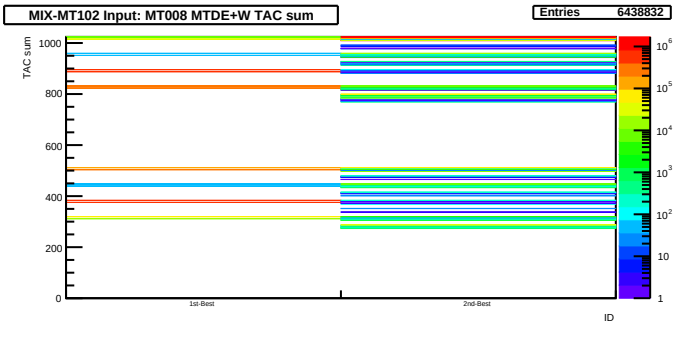

MIX-MT101 Input: VP003 Max TAC
Entries 3219416

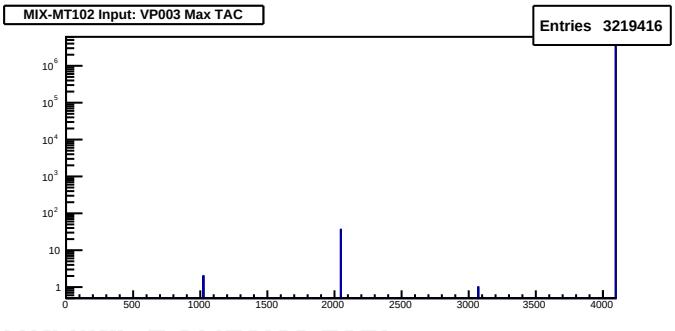

MIX-MT101 Input: VP004 Max TAC
Entries 3219416

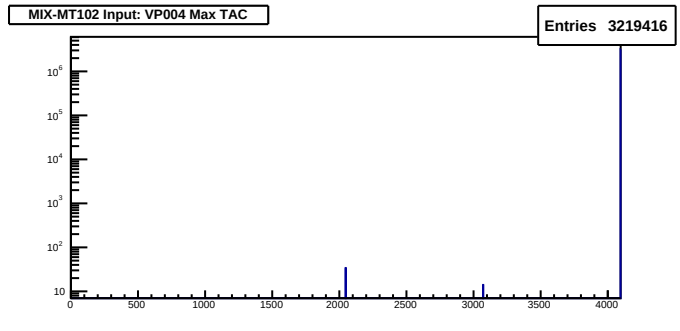

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 6438832
TAC sum
1st-Best
2nd-Best
ID

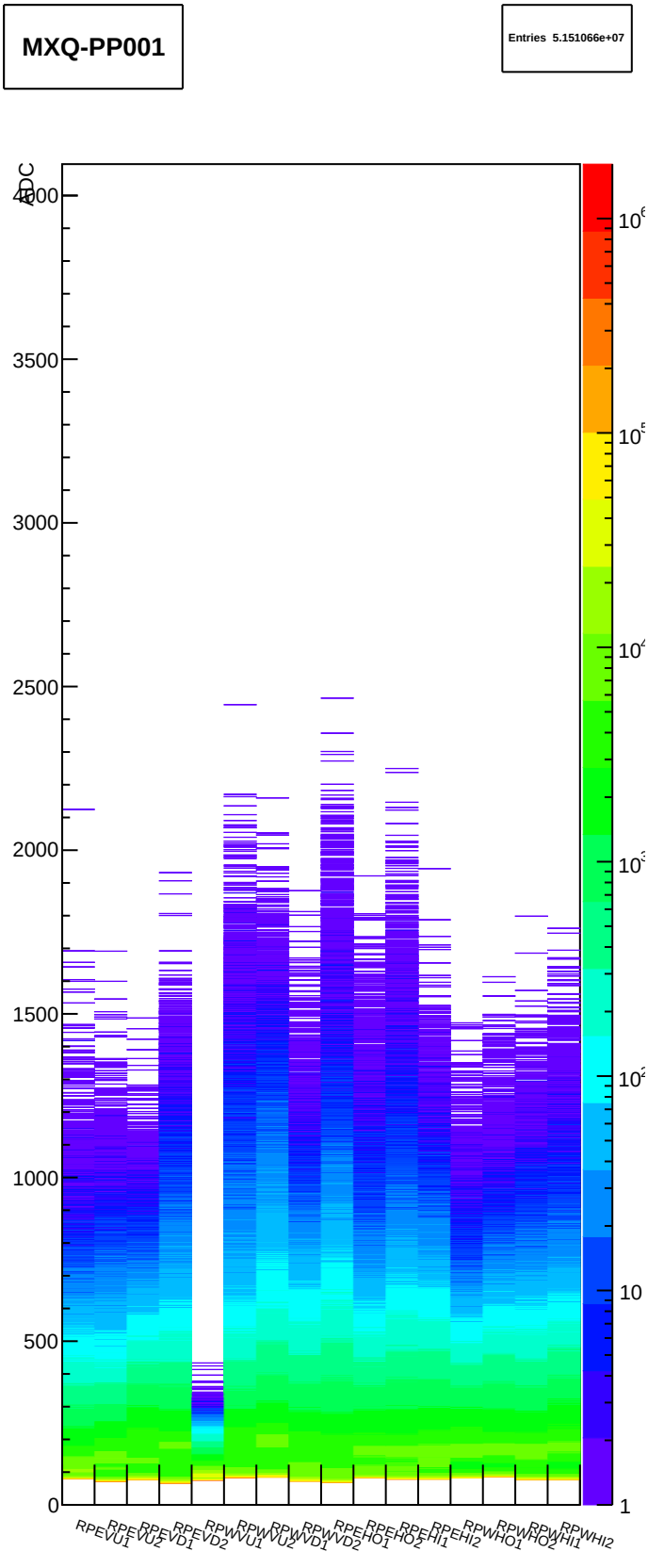

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 6438832
TAC sum
1st-Best
2nd-Best
ID

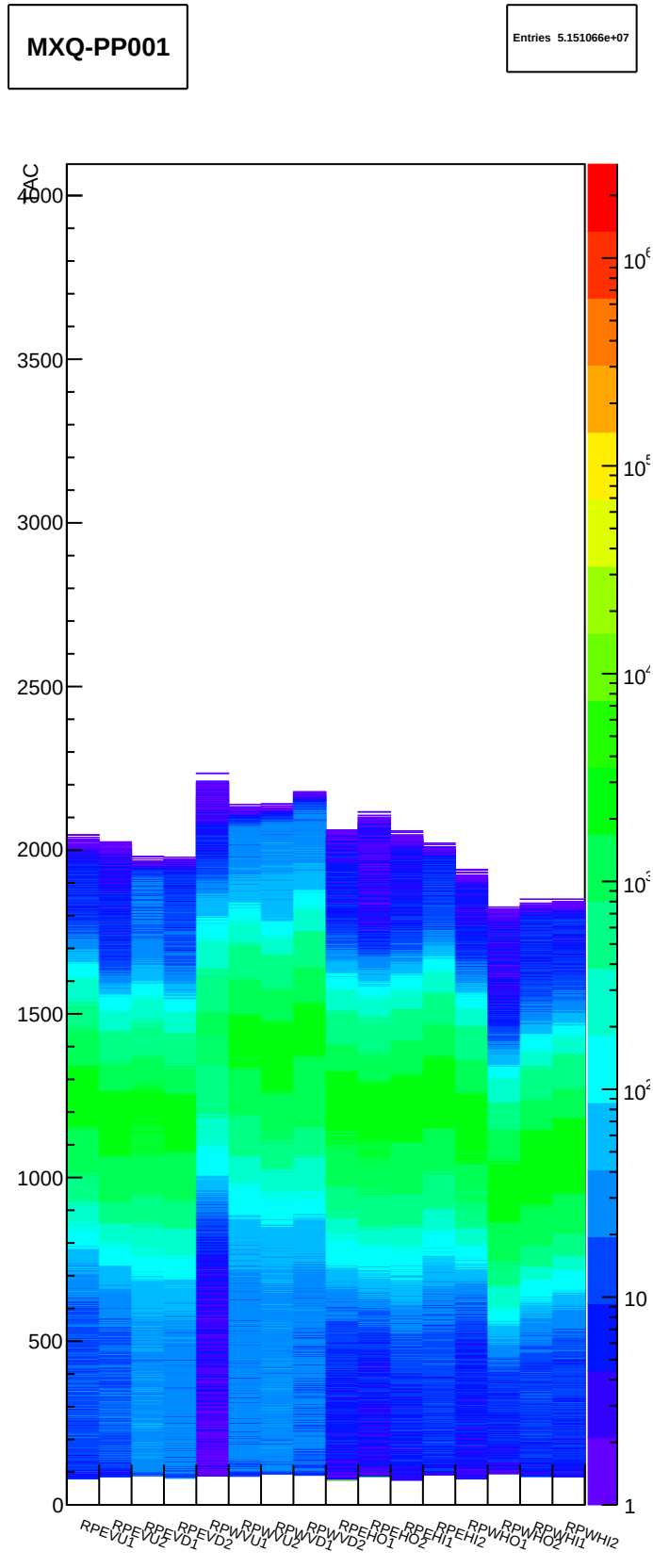

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 6438832
TAC sum
1st-Best
2nd-Best
ID

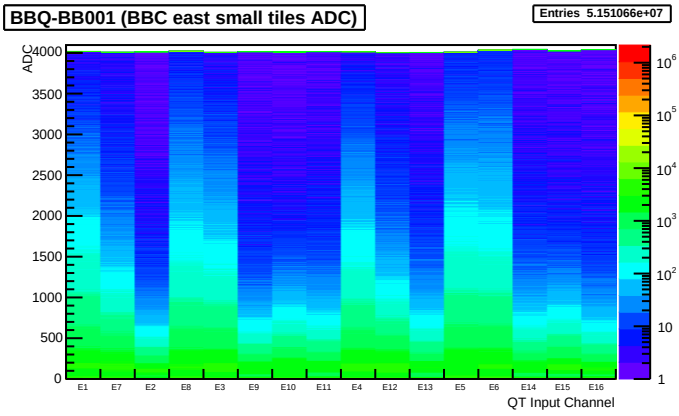

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 6438832
TAC sum
1st-Best
2nd-Best
ID

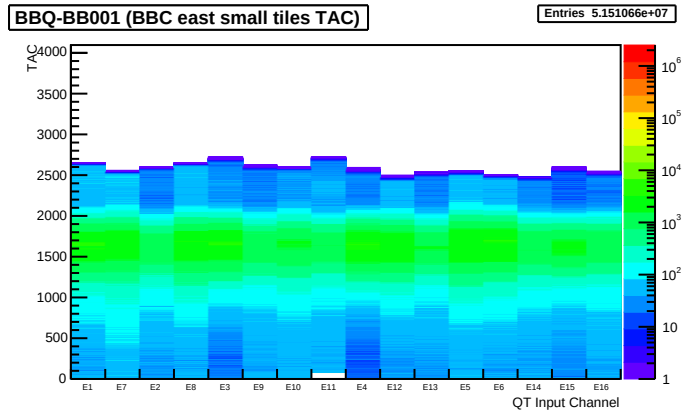

MIX-MT102 Input: VP003 Max TAC
Entries 3219416

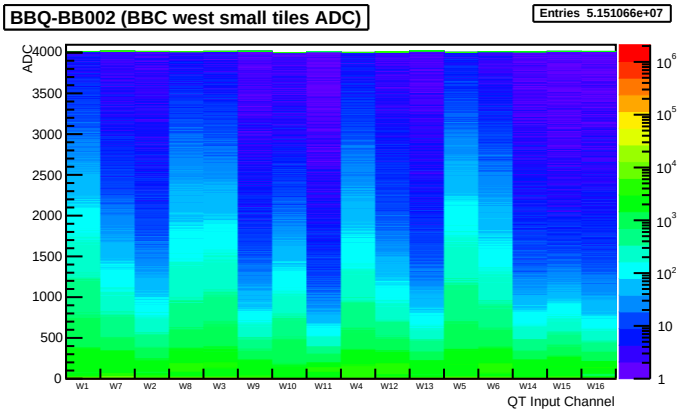

MIX-MT102 Input: VP004 Max TAC
Entries 3219416

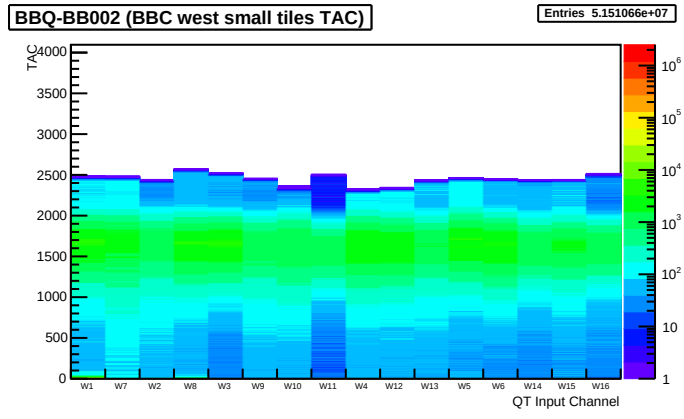

MXQ-PP001
Entries 5.151066e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

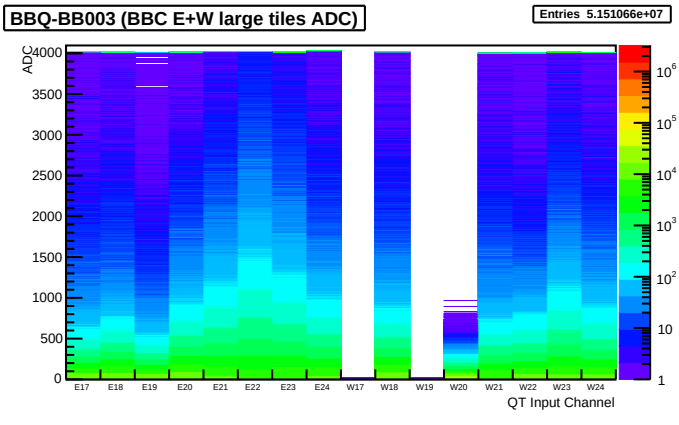

MXQ-PP001
Entries 5.151066e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

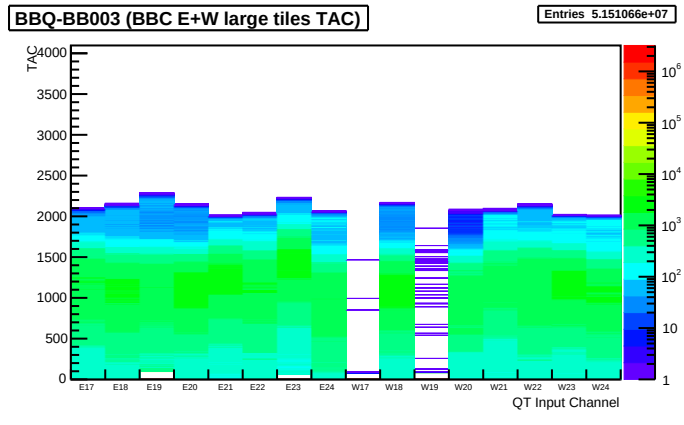

BBQ-BB001 (BBC east small tiles ADC)
Entries 5.151066e+07
ADC
QT Input Channel

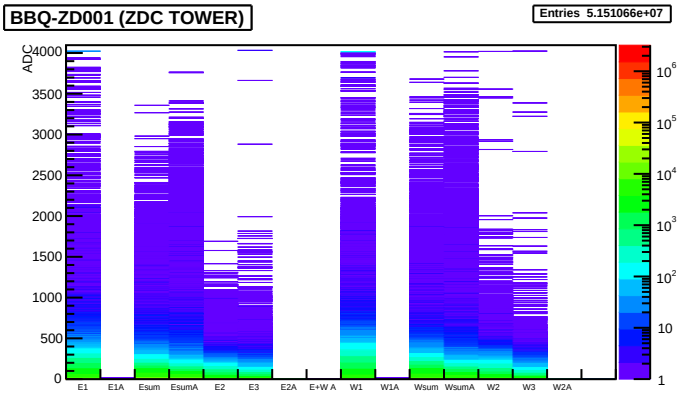

BBQ-BB001 (BBC east small tiles TAC)
Entries 5.151066e+07
TAC
QT Input Channel

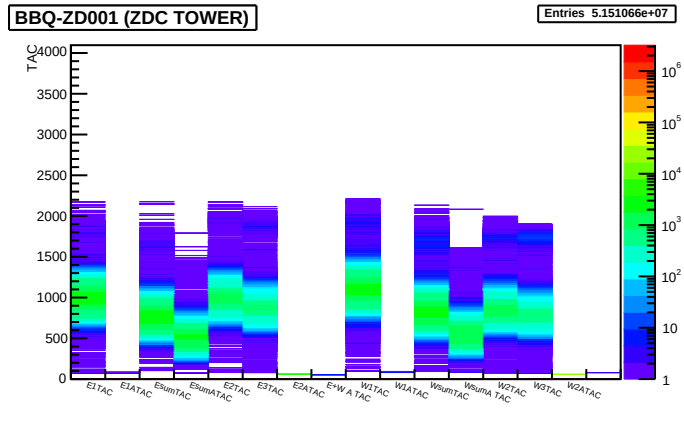

BBQ-BB002 (BBC west small tiles ADC)
Entries 5.151066e+07
ADC
QT Input Channel

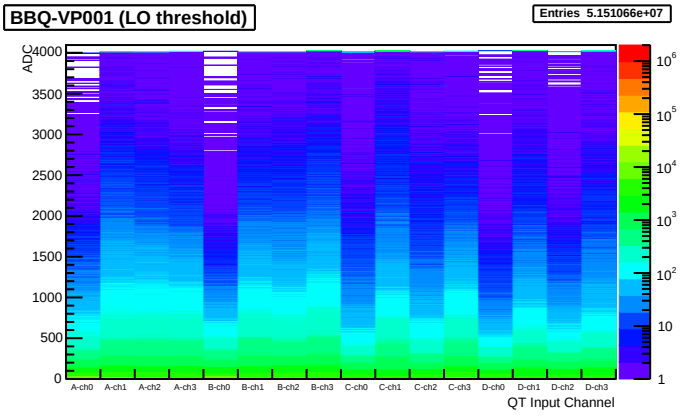

BBQ-BB002 (BBC west small tiles TAC)
Entries 5.151066e+07
TAC
QT Input Channel

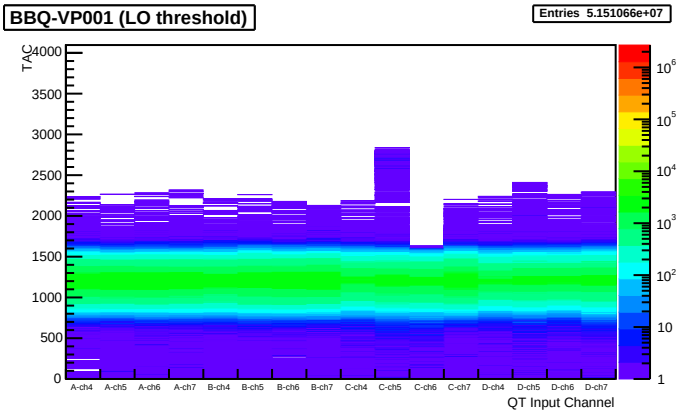

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.151066e+07
ADC
QT Input Channel

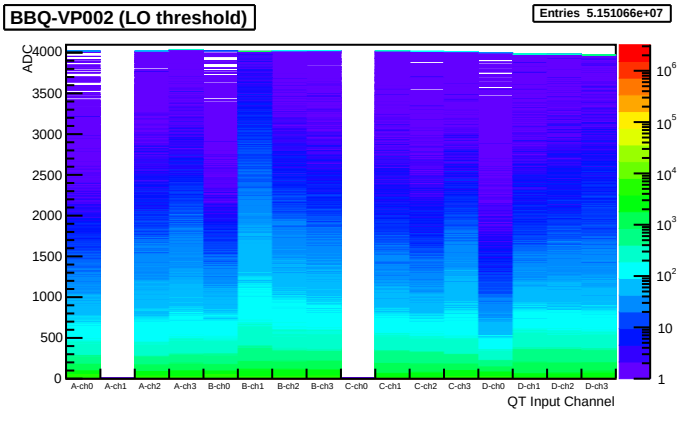

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.151066e+07
TAC
QT Input Channel

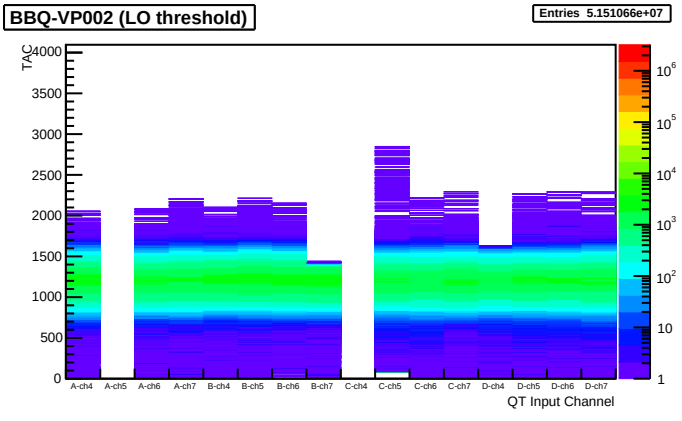

BBQ-ZD001 (ZDC TOWER)
Entries 5.151066e+07
ADC

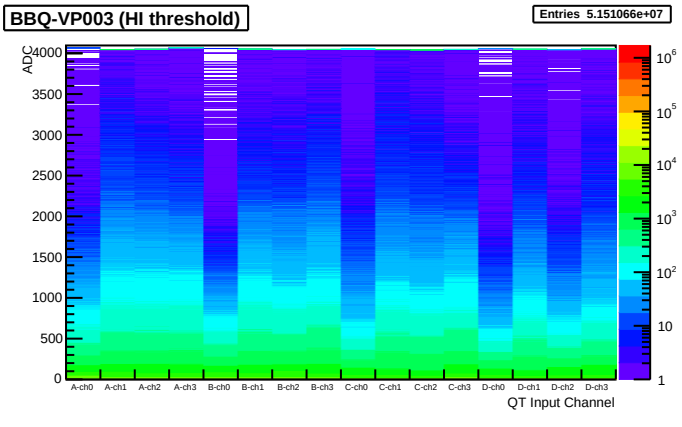

BBQ-ZD001 (ZDC TOWER)
Entries 5.151066e+07
TAC

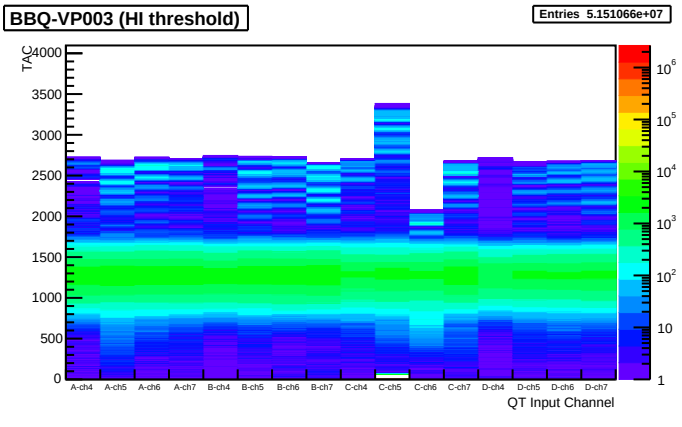

BBQ-VP001 (LO threshold)
Entries 5.151066e+07
ADC
QT Input Channel

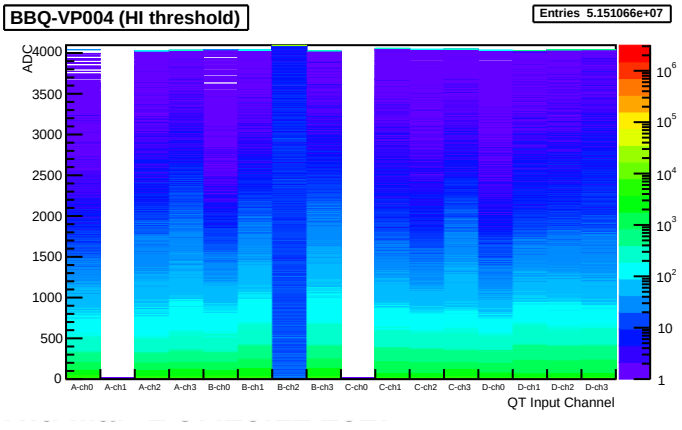

BBQ-VP001 (LO threshold)
Entries 5.151066e+07
TAC
QT Input Channel

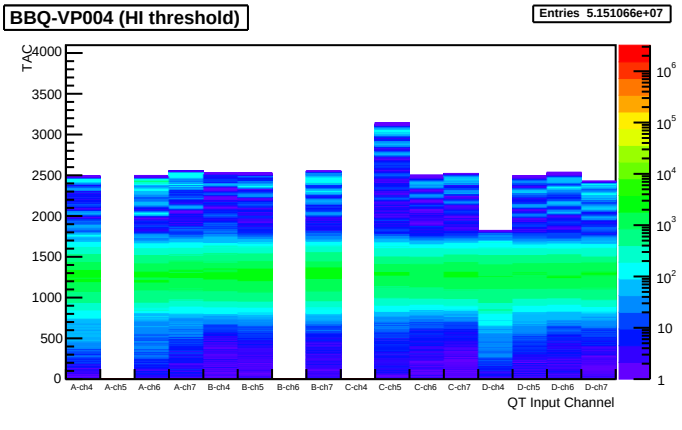

BBQ-VP002 (LO threshold)
Entries 5.151066e+07
ADC
QT Input Channel

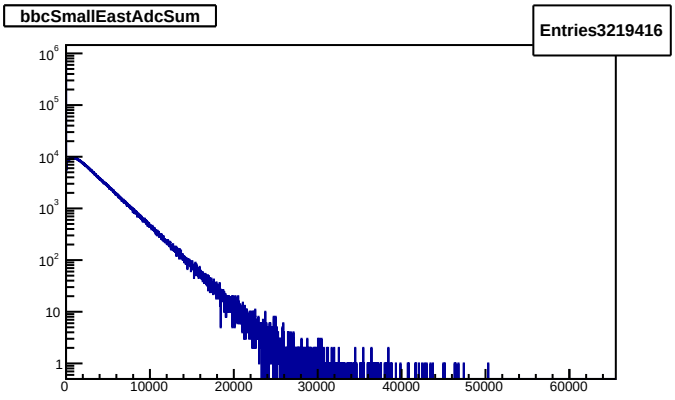

BBQ-VP002 (LO threshold)
Entries 5.151066e+07
TAC
QT Input Channel

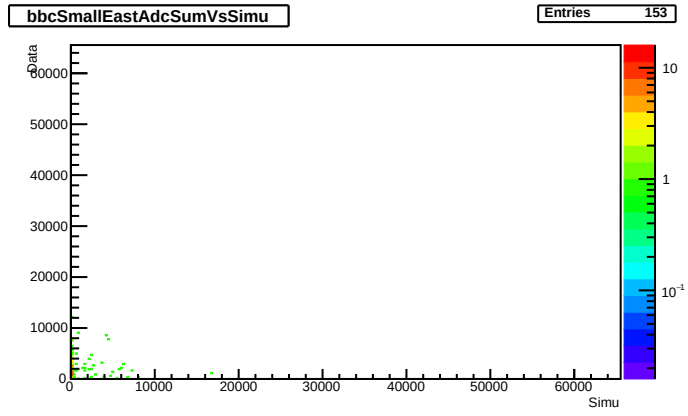

BBQ-VP003 (HI threshold)
Entries 5.151066e+07
ADC
QT Input Channel

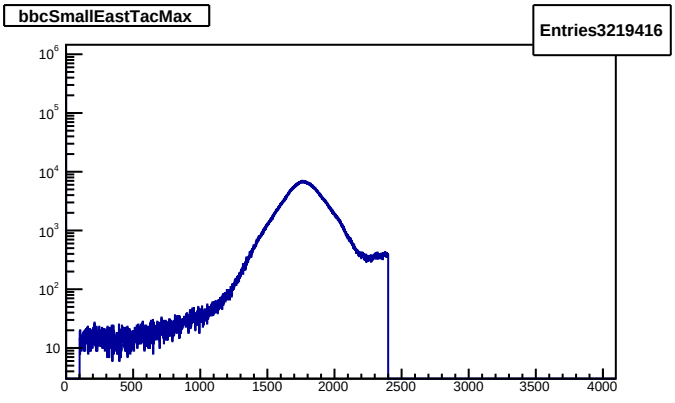

BBQ-VP003 (HI threshold)
Entries 5.151066e+07
TAC
QT Input Channel

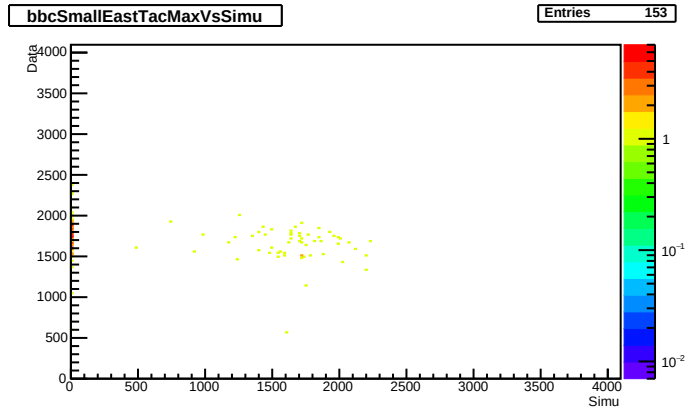

BBQ-VP004 (HI threshold)
Entries 5.151066e+07
ADC
QT Input Channel

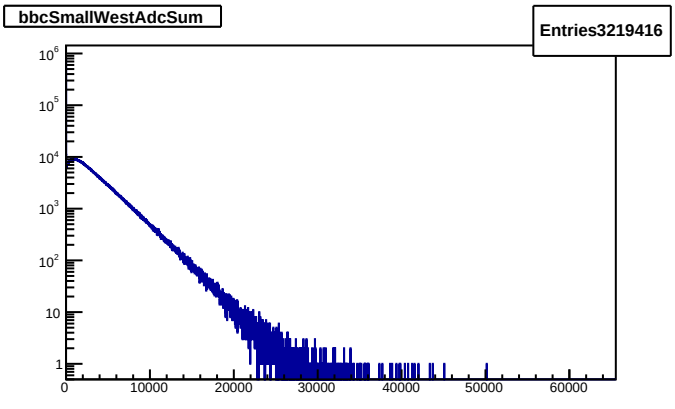

BBQ-VP004 (HI threshold)
Entries 5.151066e+07
TAC
QT Input Channel

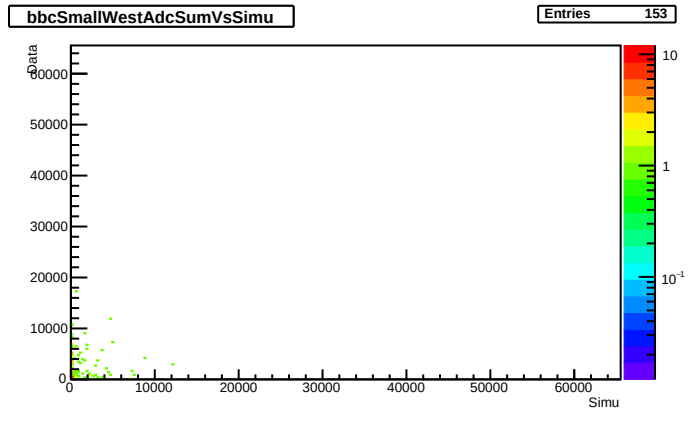

bbcSmallEastAdcSum
Entries3219416

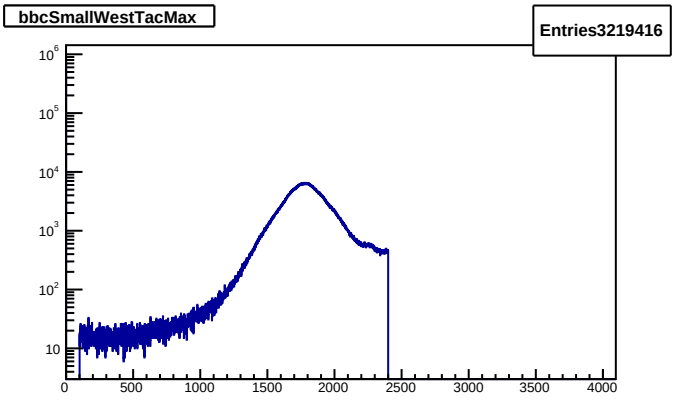

bbcSmallEastAdcSumVsSimu
Entries 153
Data
Simu

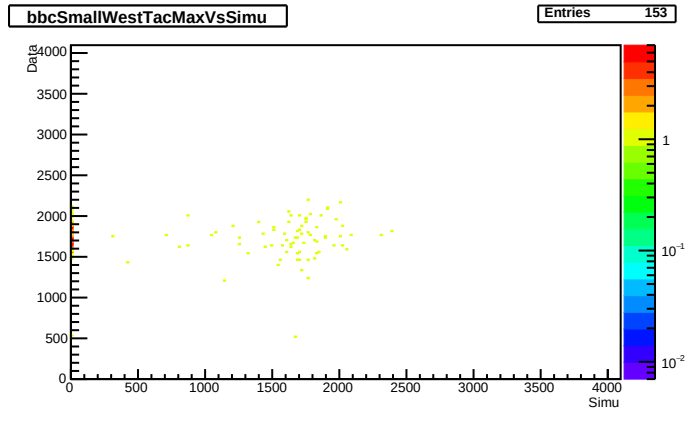

bbcSmallEastTacMax
Entries3219416

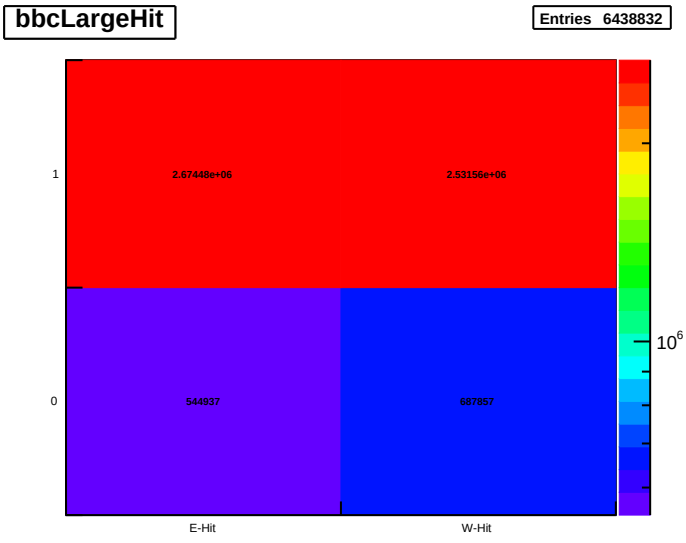

bbcSmallEastTacMaxVsSimu
Entries 153
Data
Simu

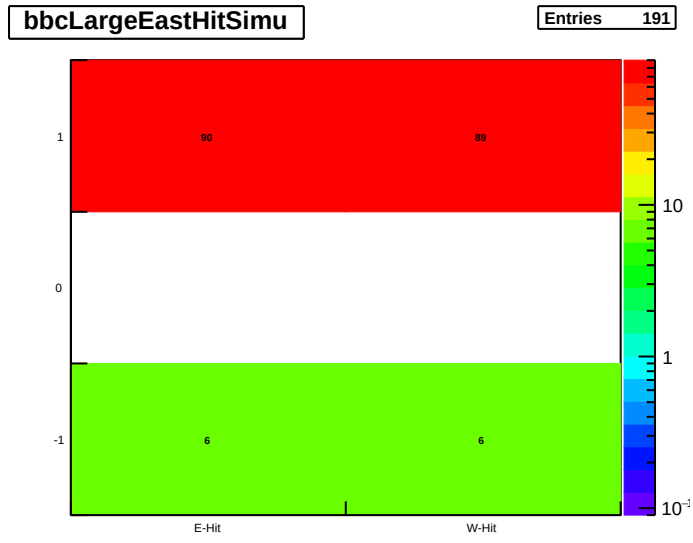

bbcSmallWestAdcSum
Entries3219416

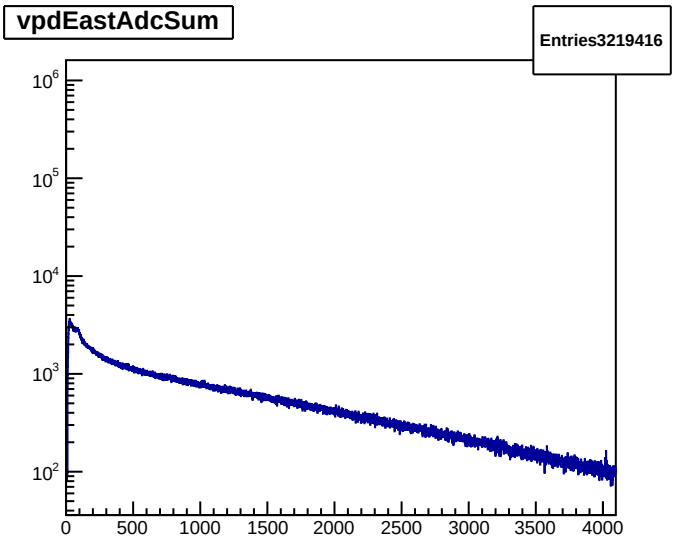

bbcSmallWestAdcSumVsSimu
Entries 153
Data
Simu

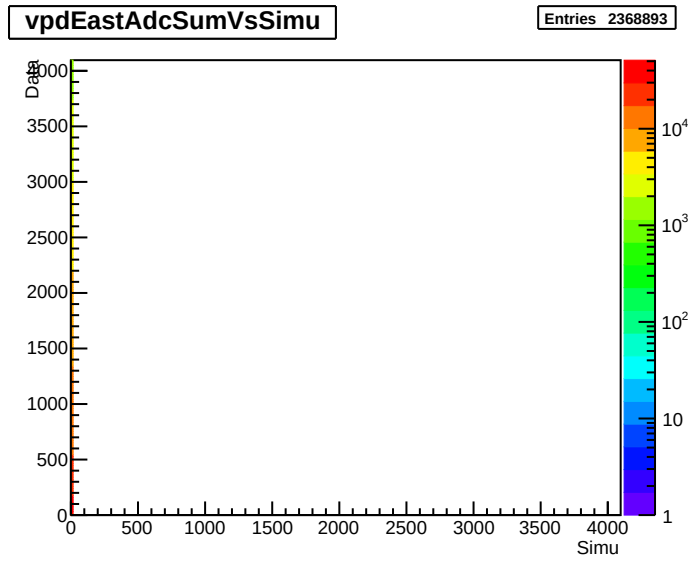

bbcSmallWestTacMax
Entries3219416

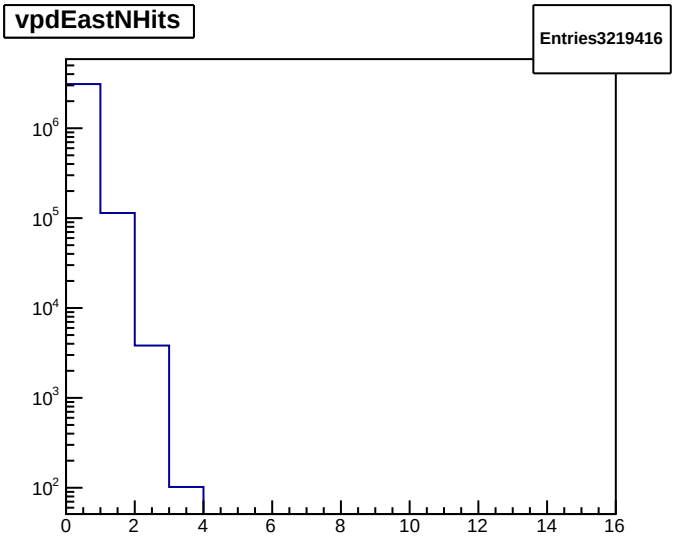

bbcSmallWestTacMaxVsSimu
Entries 153
Data
Simu

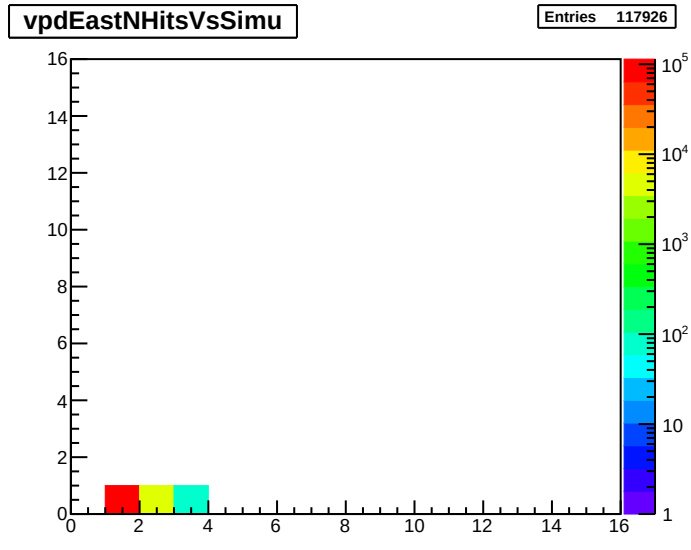

bbcLargeHit
Entries 6438832
1
0
2.67448e+06
2.53156e+06
544937
687857
E-Hit
W-Hit
10^6

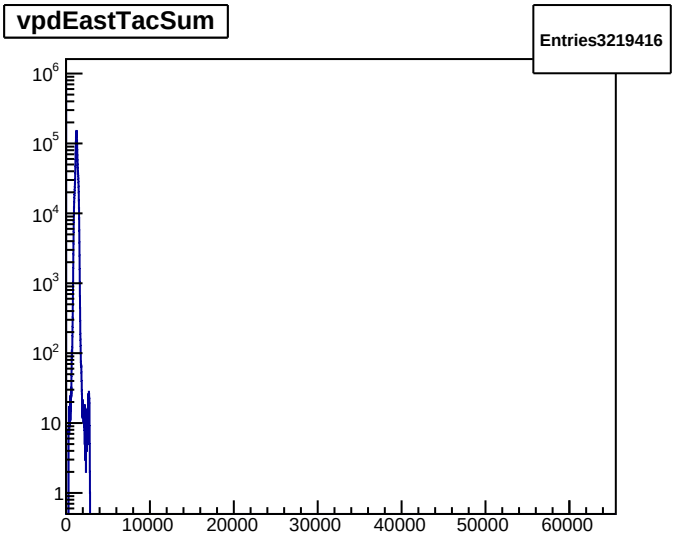

bbcLargeEastHitSimu
Entries 191
1
0
-1
90
89
6
6
E-Hit
W-Hit
10
1
10^{-1}

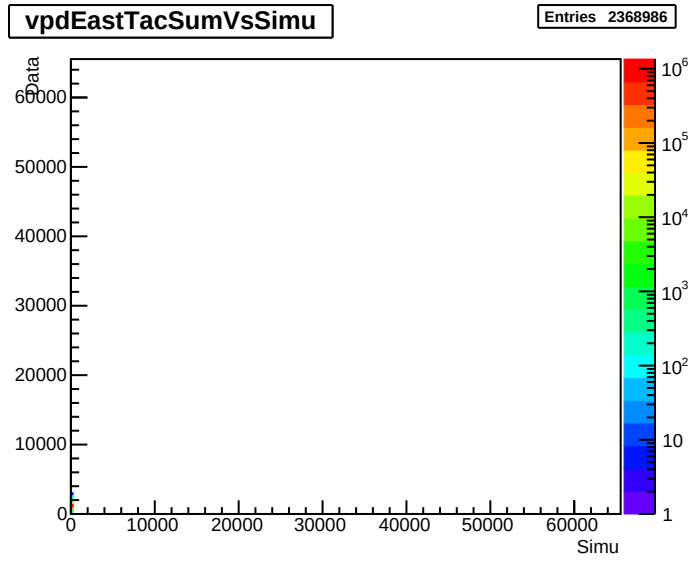

vpdEastAdcSum
Entries3219416

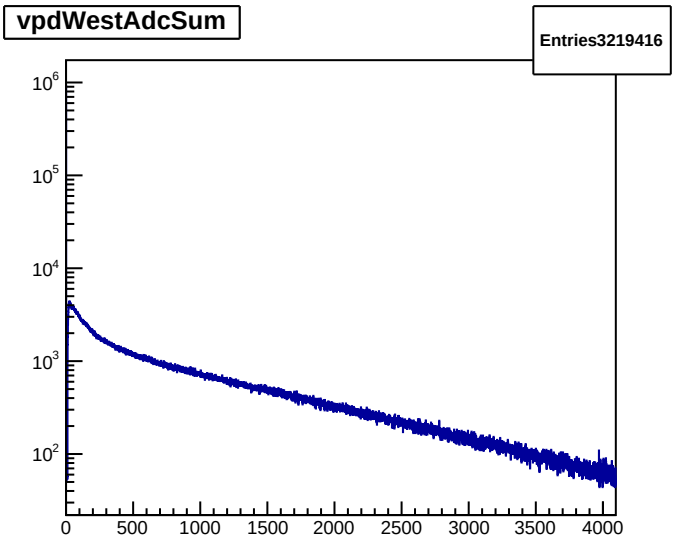

vpdEastAdcSumVsSimu
Entries 2368893
Data
Simu

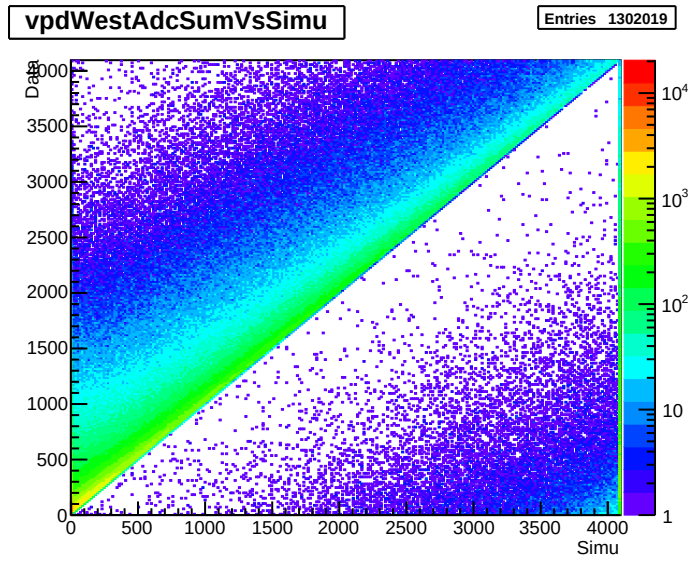

vpdEastNHits
Entries3219416

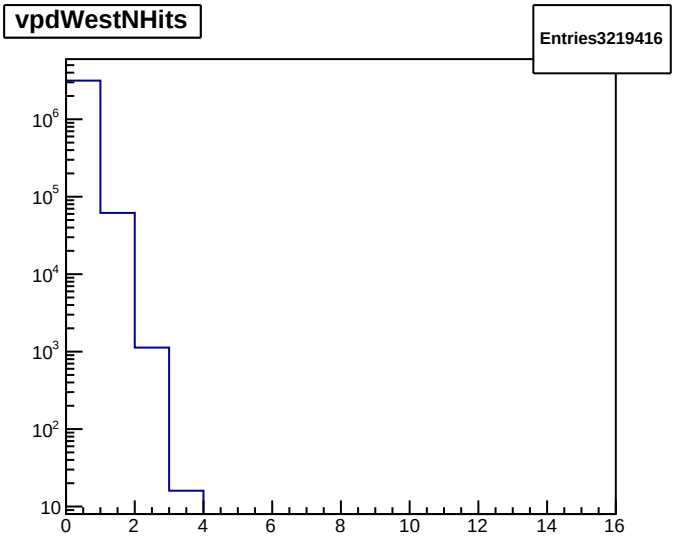

vpdEastNHitsVsSimu
Entries 117926

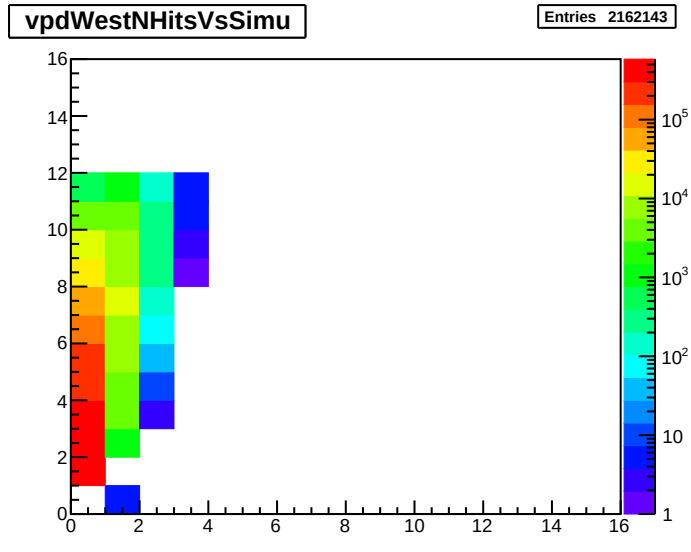

vpdEastTacSum
Entries3219416

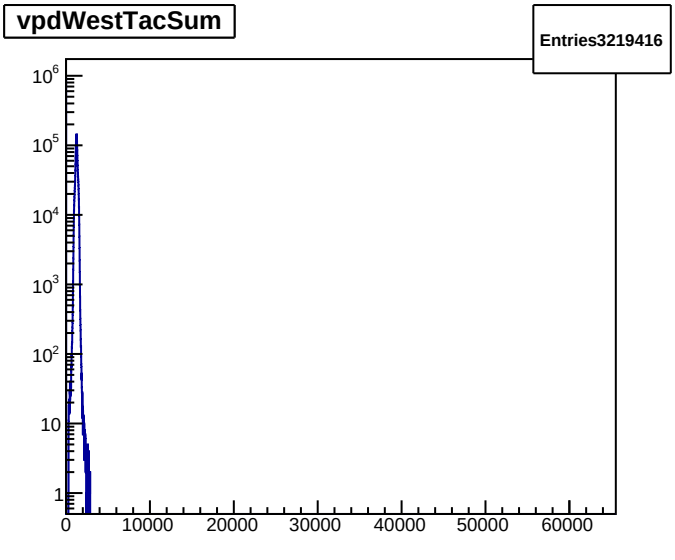

vpdEastTacSumVsSimu
Entries 2368986
Data
Simu

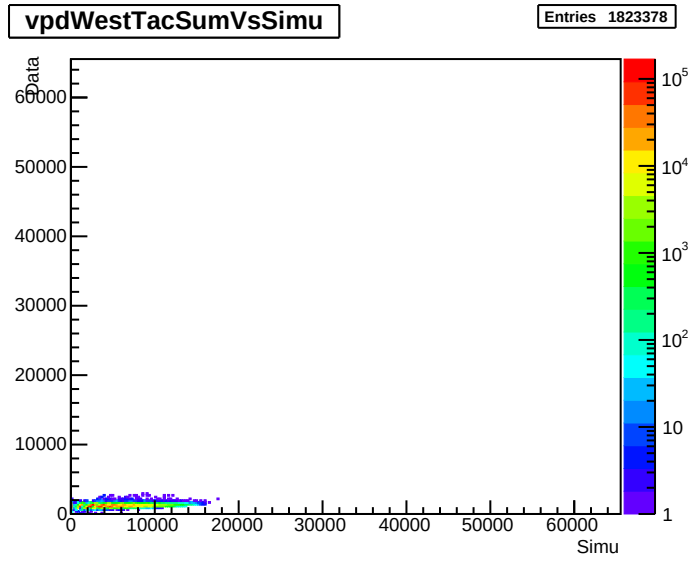

vpdWestAdcSum
Entries3219416

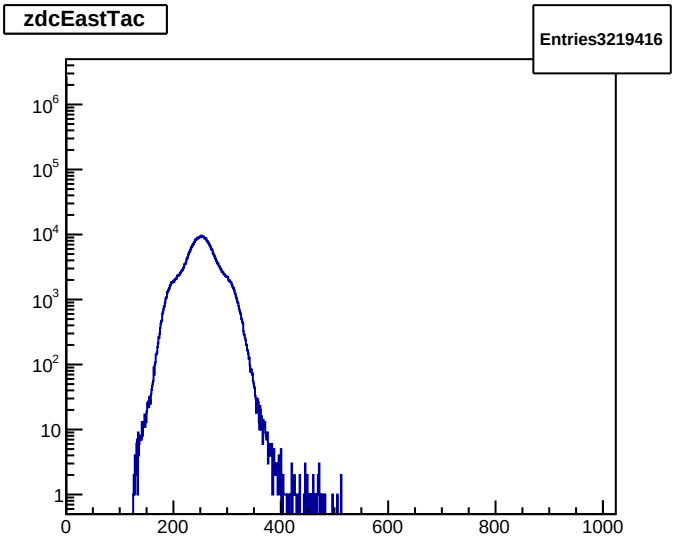

vpdWestAdcSumVsSimu
Entries 1302019
Data
Simu

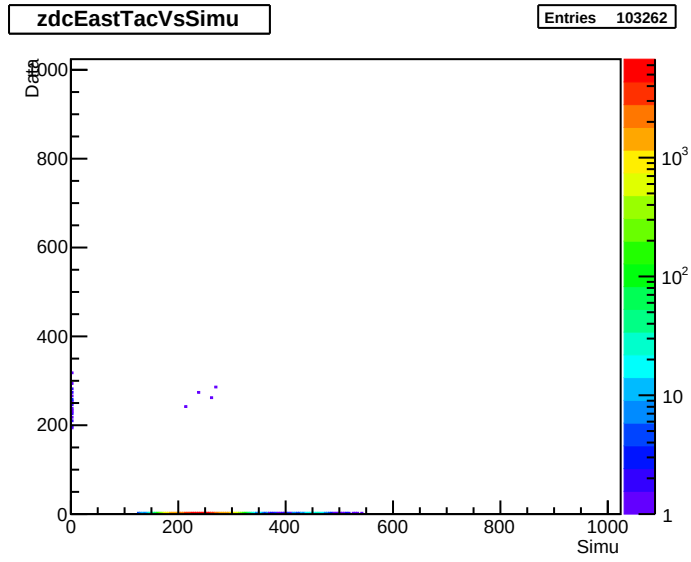

vpdWestNHits
Entries3219416

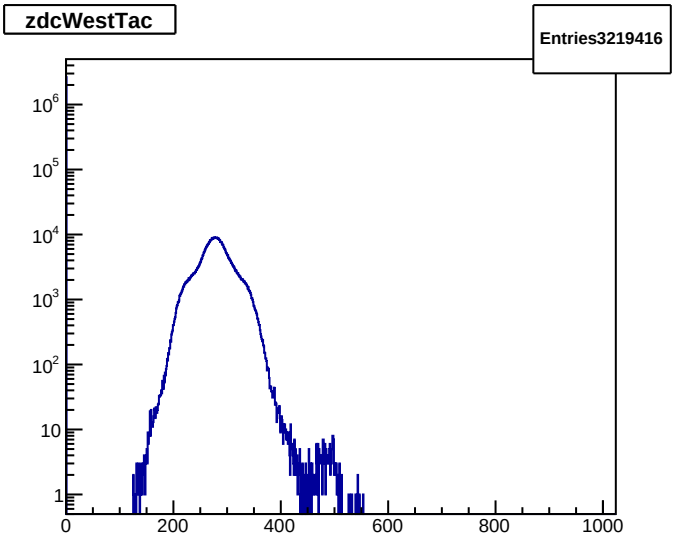

vpdWestNHitsVsSimu
Entries 2162143

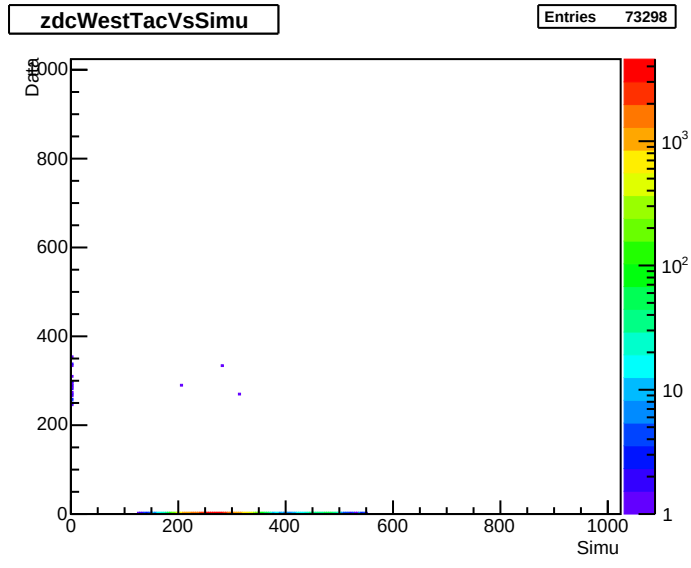

vpdWestTacSum
Entries3219416

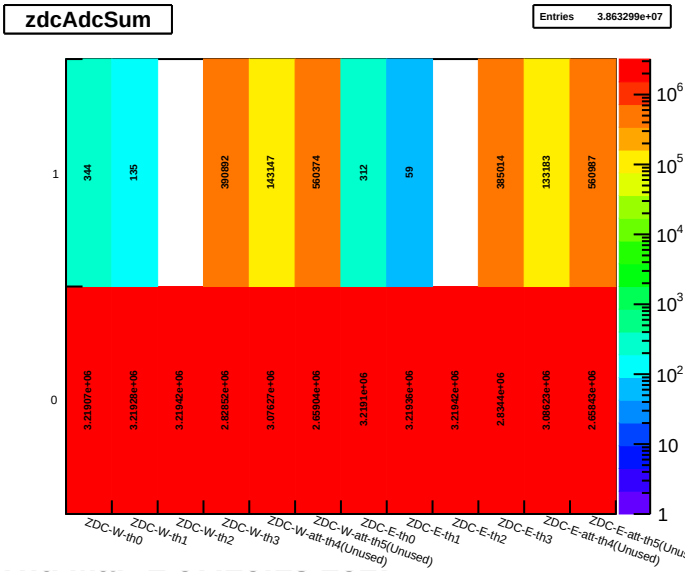

vpdWestTacSumVsSimu
Entries 1823378
Data
Simu

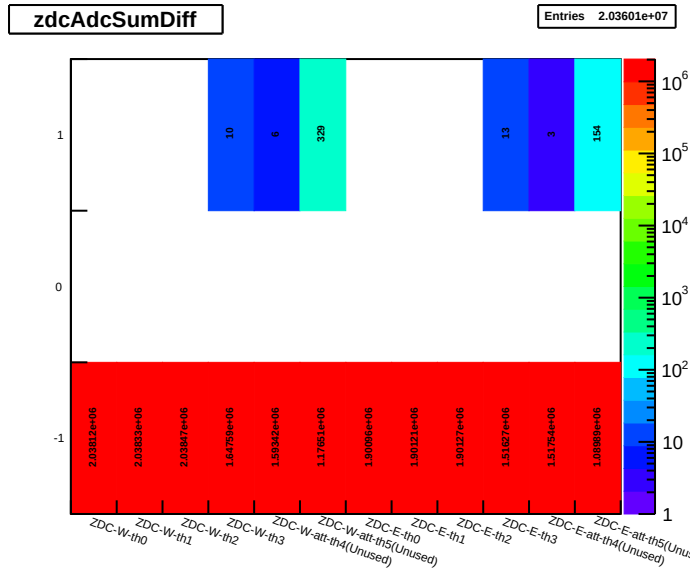

zdcEastTac
Entries3219416

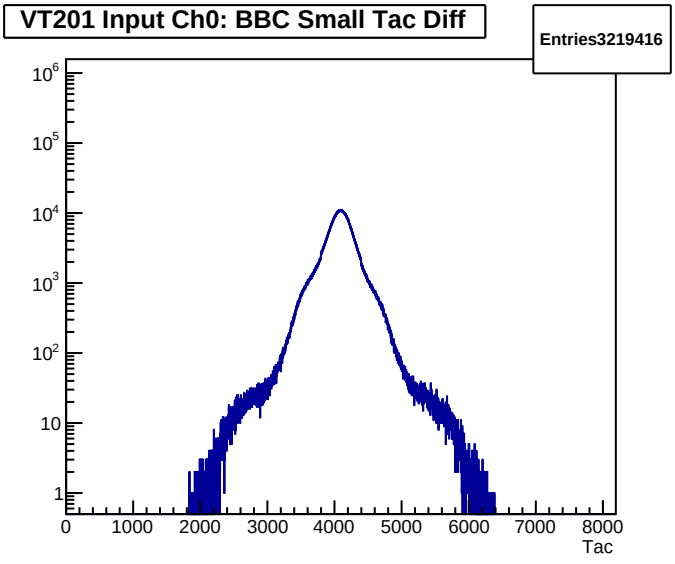

zdcEastTacVsSimu
Entries 103262
Data
Simu

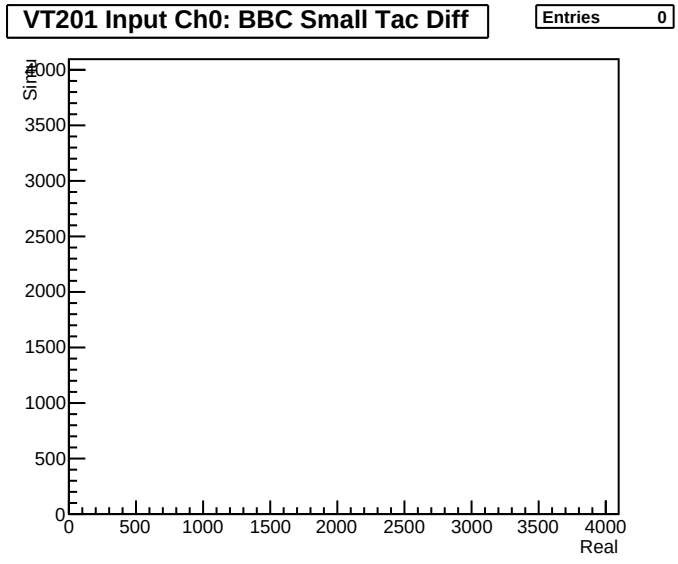

zdcWestTac
Entries3219416

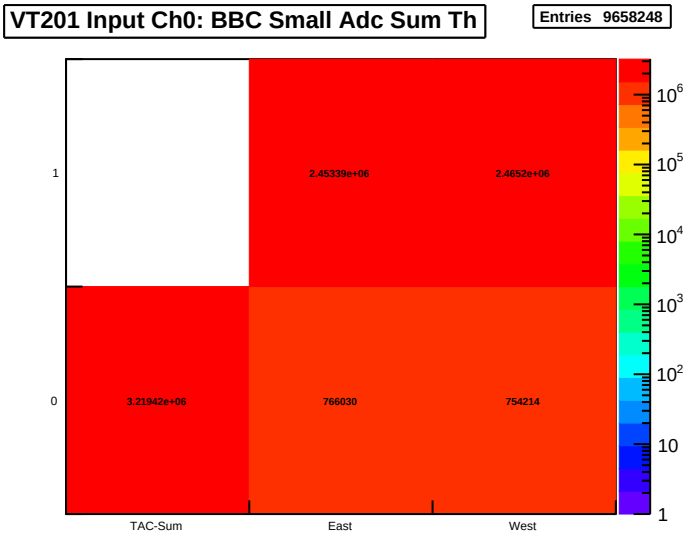

zdcWestTacVsSimu
Entries 73298
Data
Simu

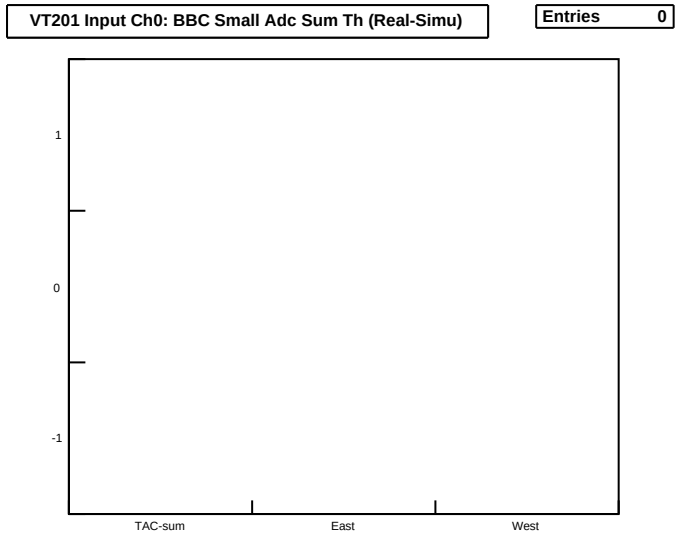

zdcAdcSum
Entries 3.863299e+07
344
135
390892
143147
560374
312
59
385014
133183
560987
3.21907e+06
3.21928e+06
3.21942e+06
2.82852e+06
3.07627e+06
2.65904e+06
3.2191e+06
3.21936e+06
3.21942e+06
2.82344e+06
3.06623e+06
2.65842e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

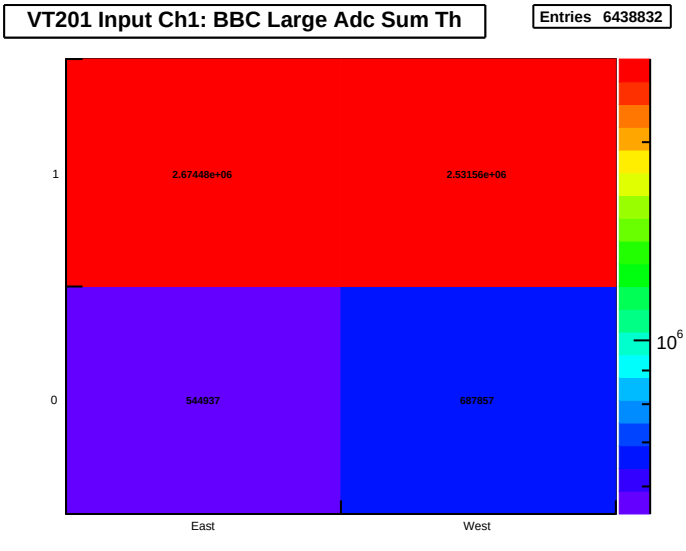

zdcAdcSumDiff
Entries 2.03601e+07
10
6
329
13
3
154
2.03812e+06
2.03833e+06
2.03847e+06
1.64759e+06
1.59342e+06
1.17651e+06
1.90096e+06
1.90121e+06
1.90127e+06
1.51627e+06
1.51754e+06
1.08989e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

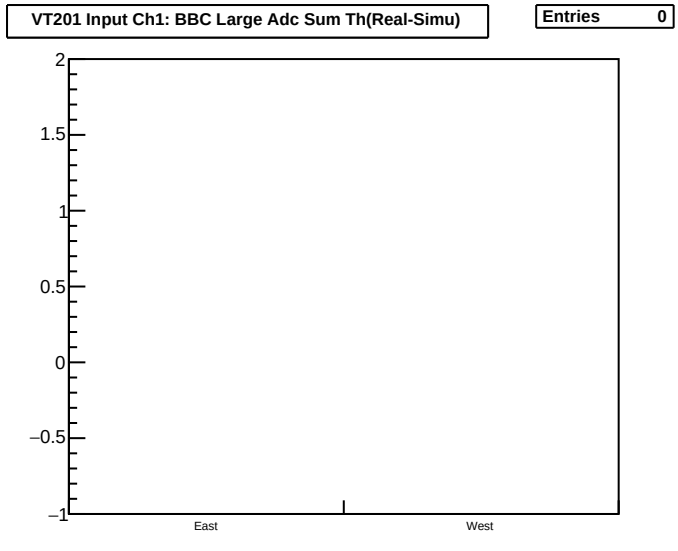

VT201 Input Ch0: BBC Small Tac Diff
Entries3219416
Tac


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

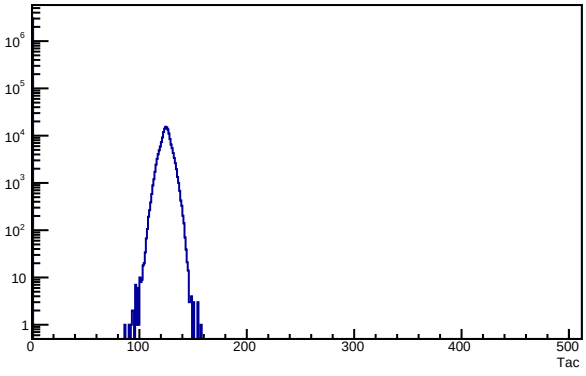

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 9658248
2.45339e+06
2.4652e+06
3.21942e+06
766030
754214
TAC-Sum
East
West


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

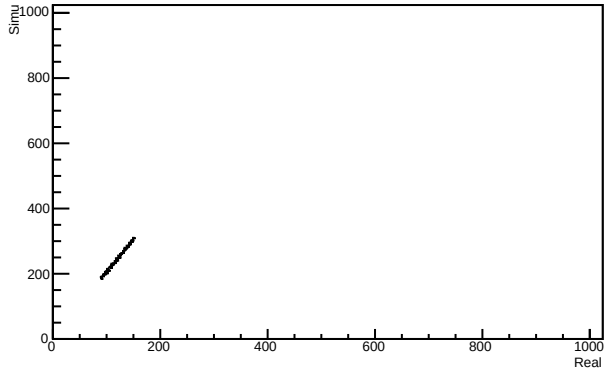

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 6438832
2.67448e+06
2.53156e+06
544937
687857
East
West


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

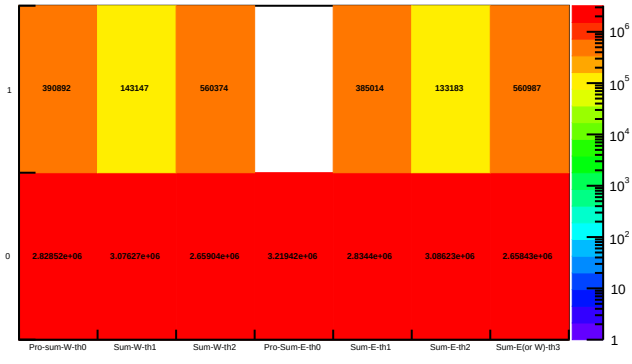
VT201 Input Ch2: ZDC Tac Diff



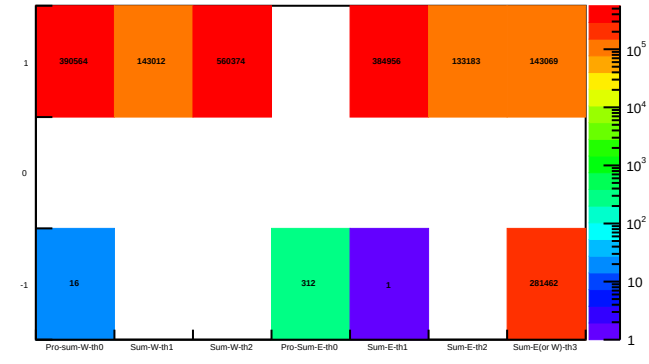
VT201 Input Ch2: ZDC Tac Diff



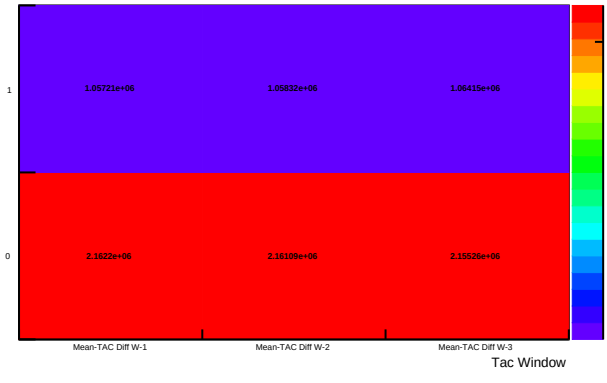
VT201 Input Ch2: ZDC Adc Sum Th



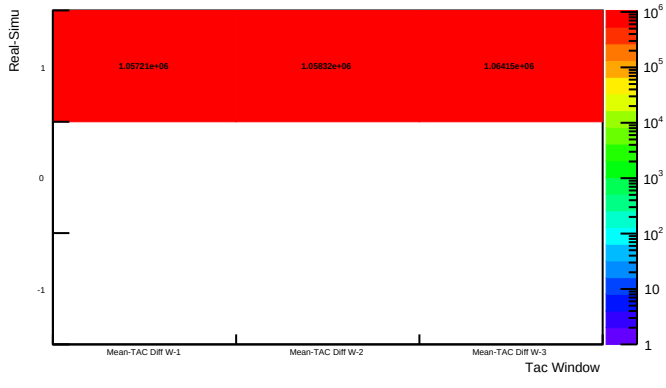
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



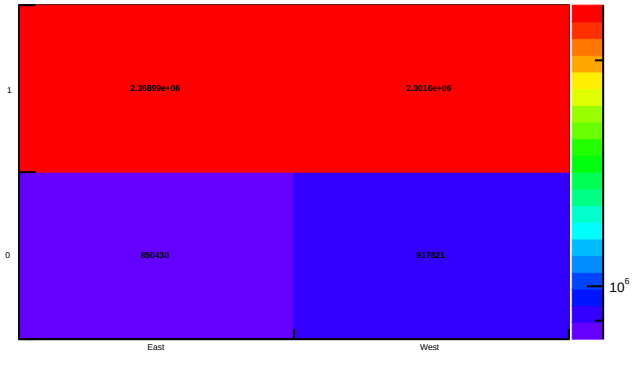
VT201 Input Ch4: VPD Tac Diff



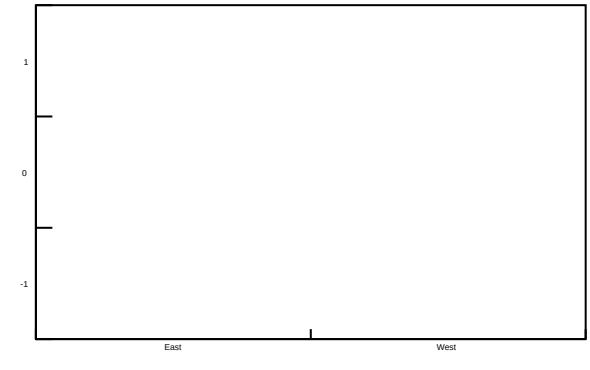
VT201 Input Ch4: VPD Tac Diff

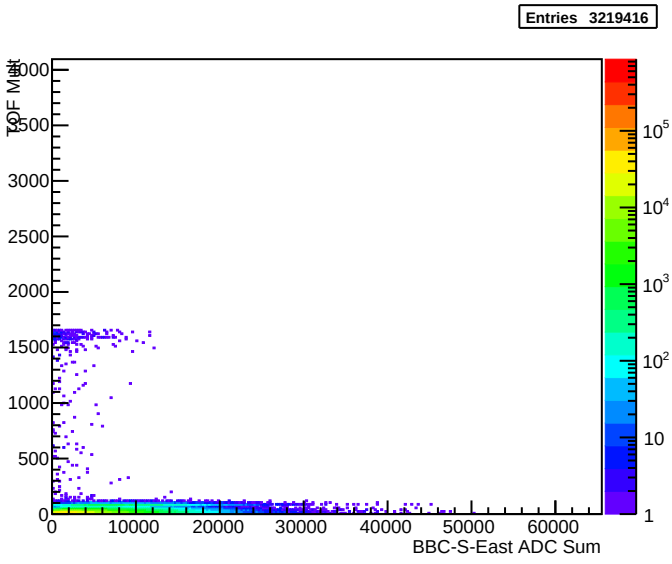


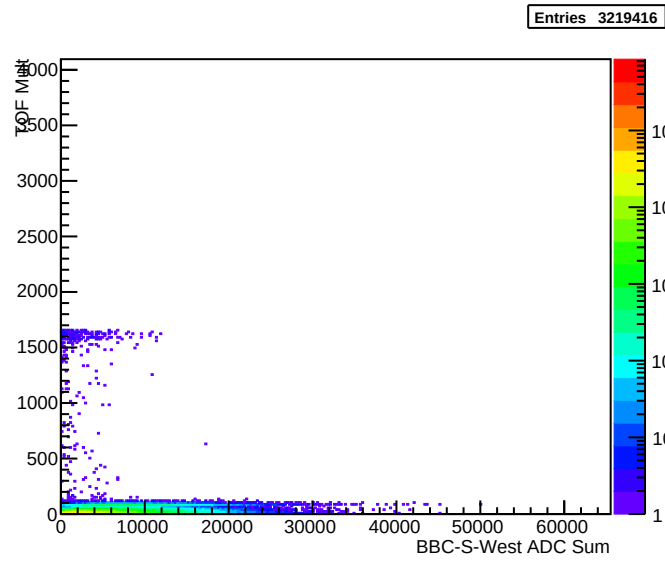
VT201 Input Ch4: VPD Adc Sum Th

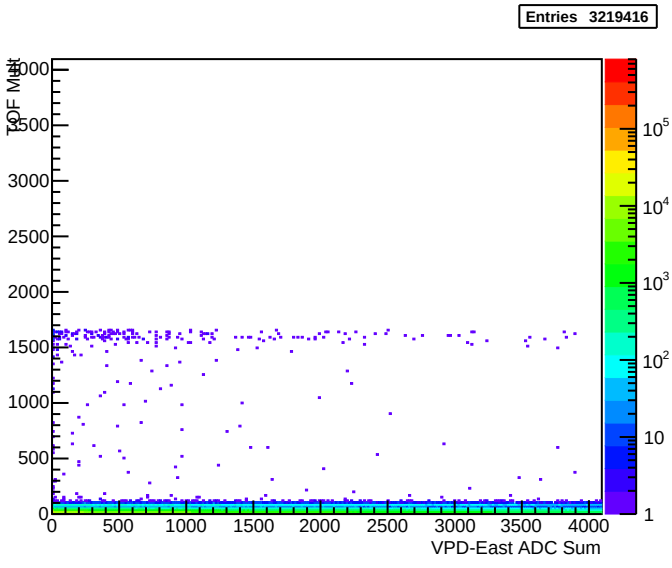


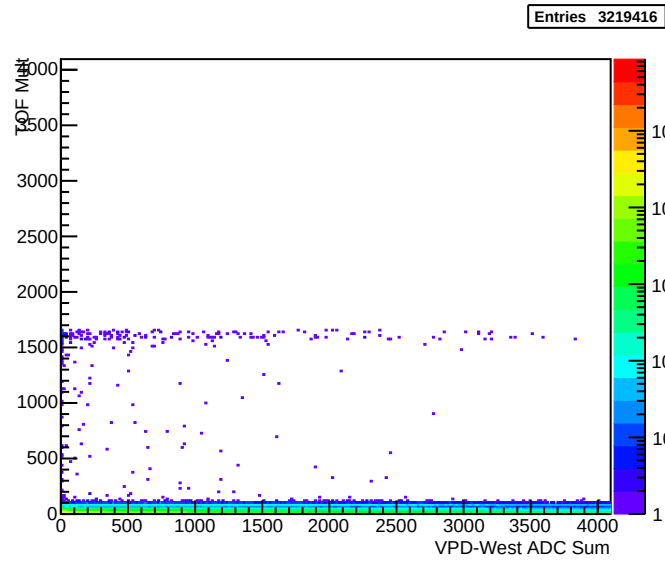
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

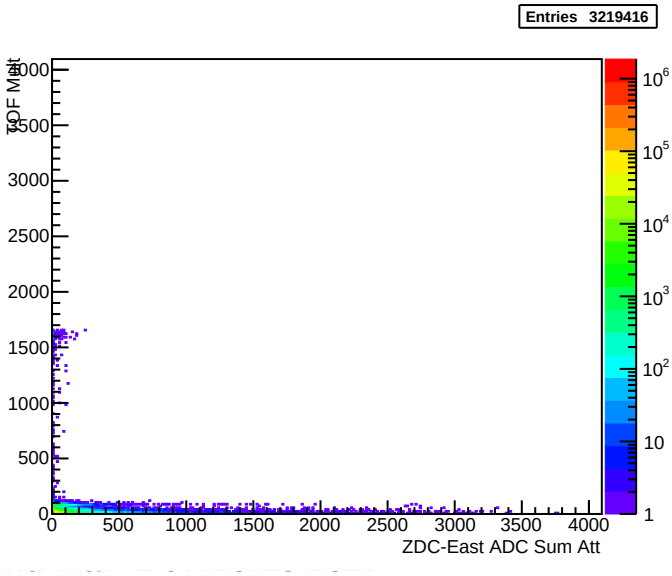


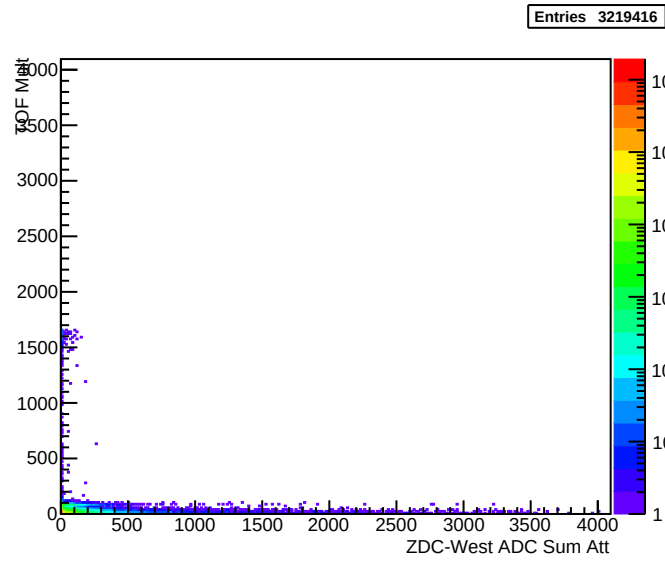

Entries 3219416
TOF Mult
BBC-S-East ADC Sum

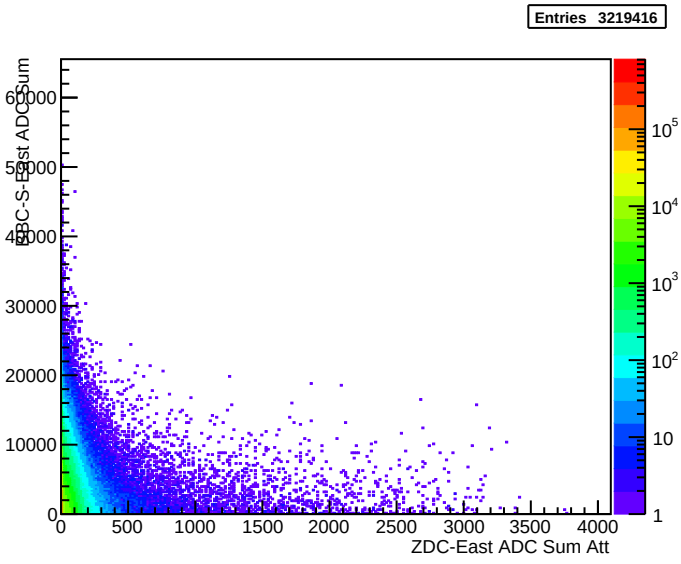

Entries 3219416
TOF Mult
BBC-S-West ADC Sum

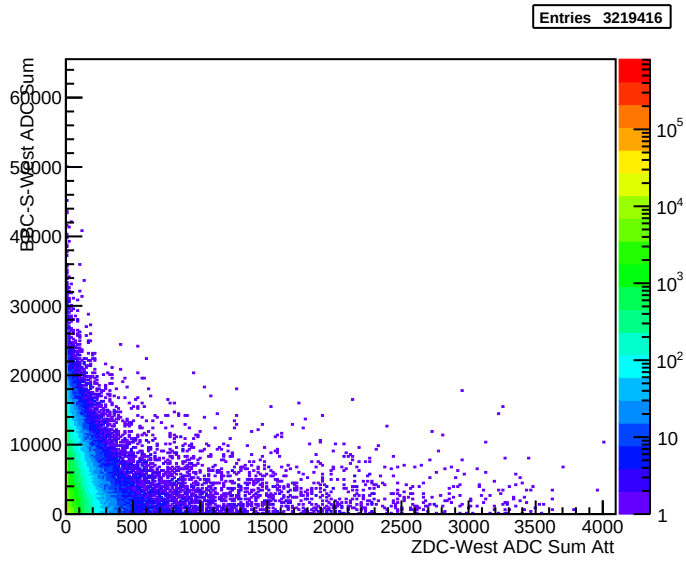

Entries 3219416
TOF Mult
VPD-East ADC Sum

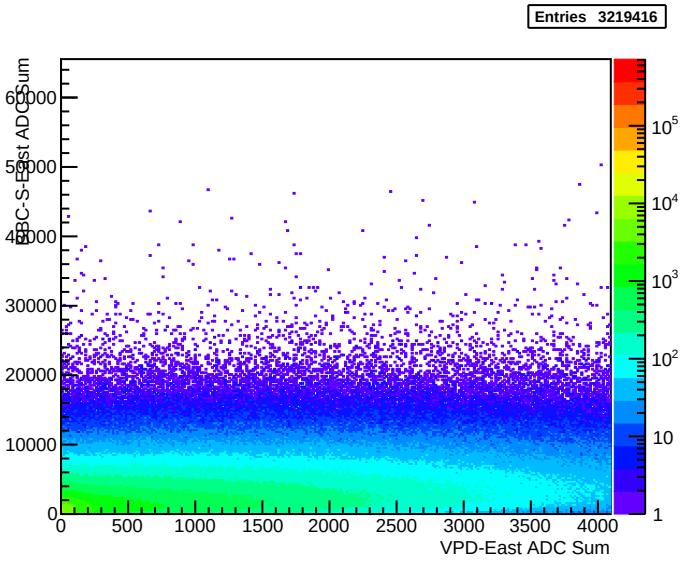

Entries 3219416
TOF Mult
VPD-West ADC Sum

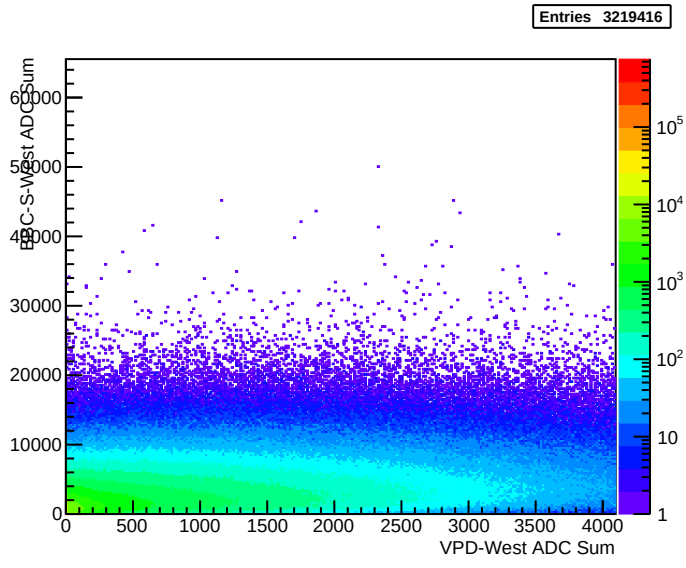

Entries 3219416
TOF Mult
ZDC-East ADC Sum Att

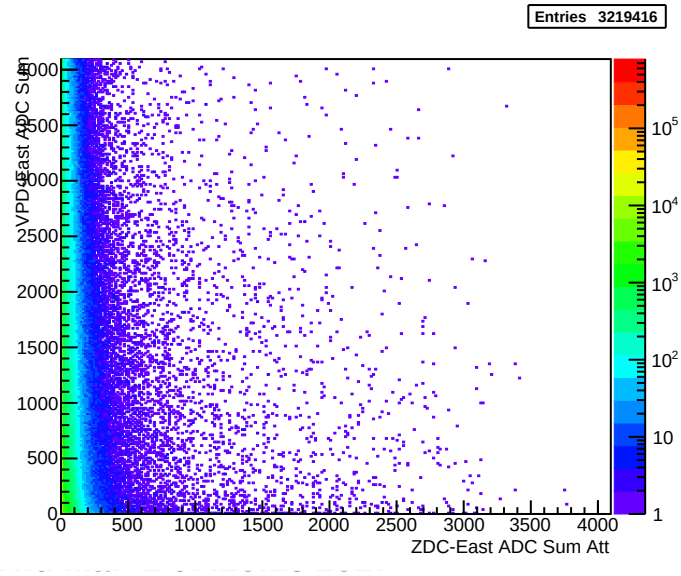

Entries 3219416
TOF Mult
ZDC-West ADC Sum Att

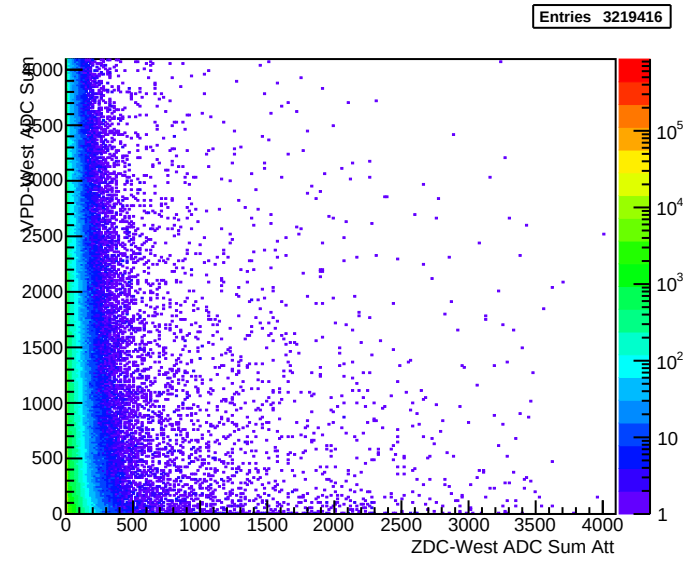

Entries 3219416
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

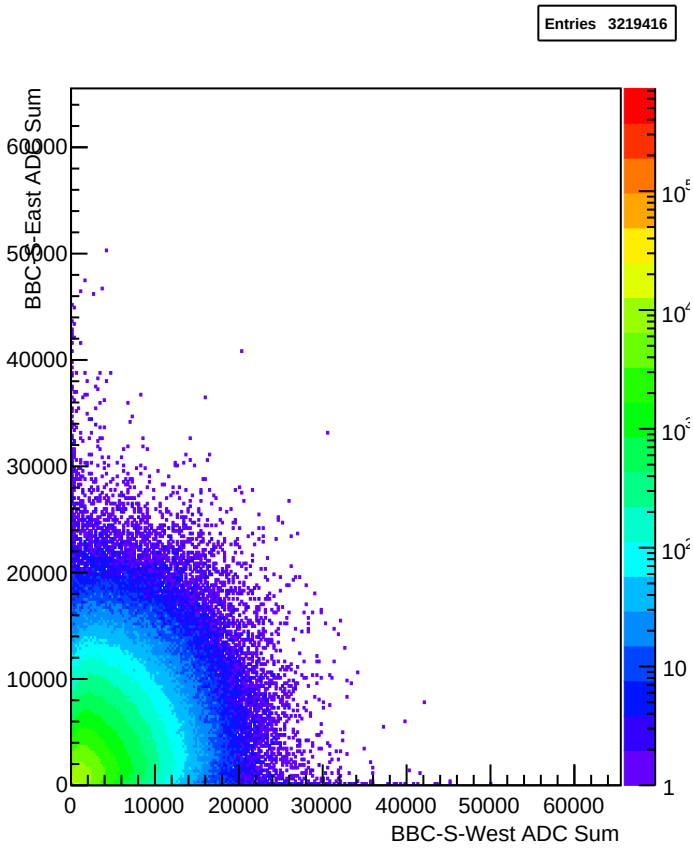

Entries 3219416
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

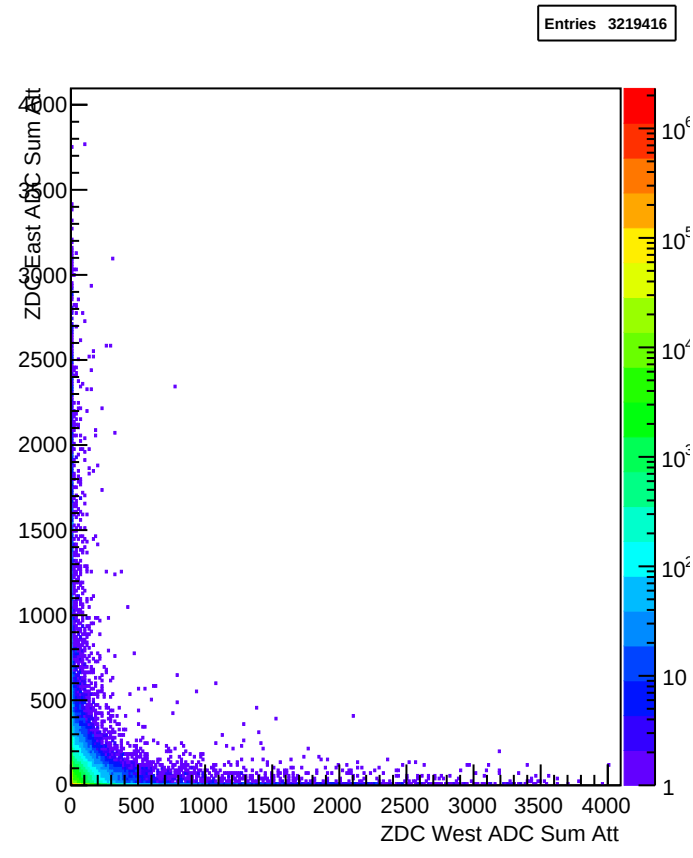

Entries 3219416
BBC-S-East ADC Sum
VPD-East ADC Sum

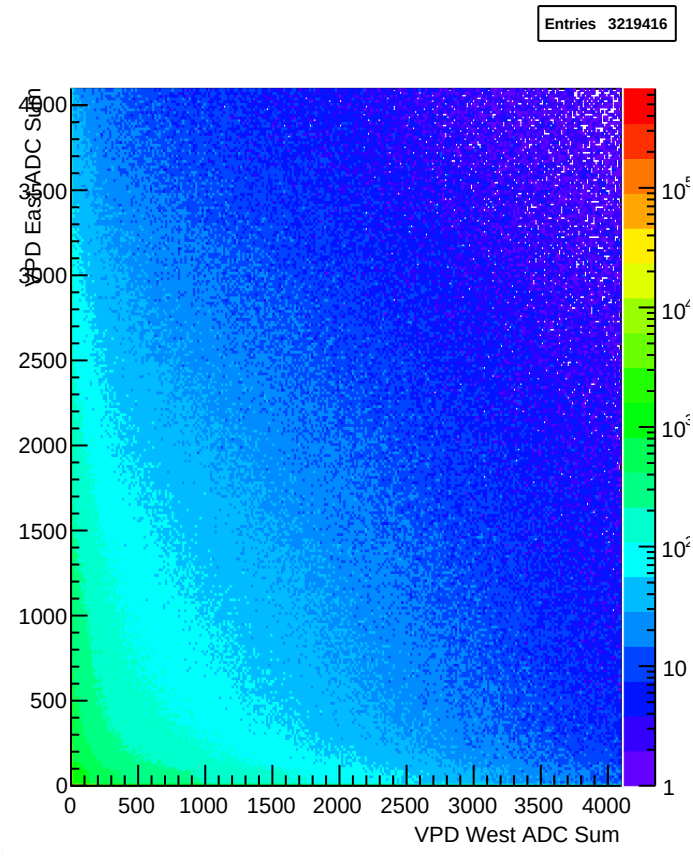

Entries 3219416
BBC-S-West ADC Sum
VPD-West ADC Sum

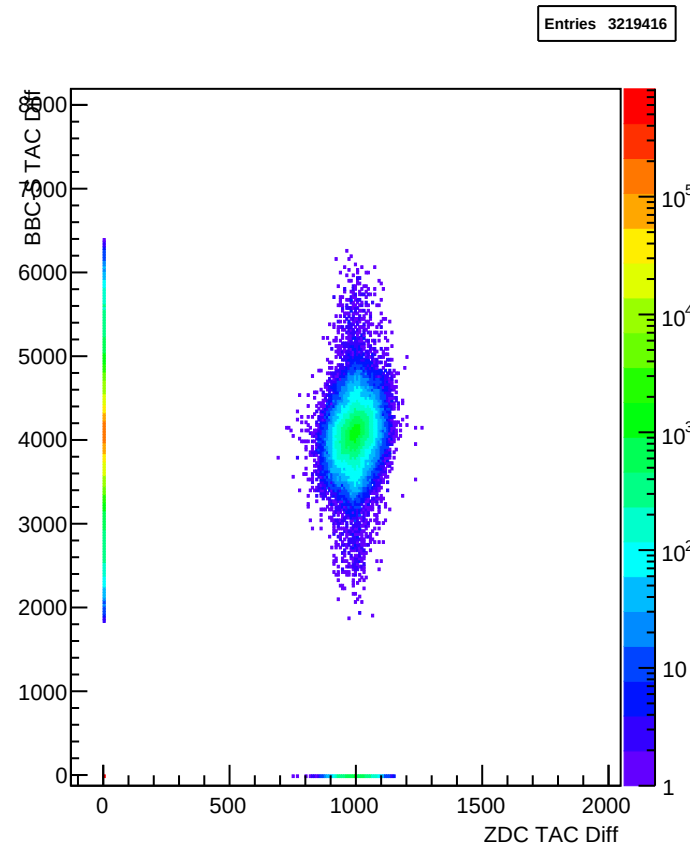

Entries 3219416
VPD-East ADC Sum
ZDC-East ADC Sum Att

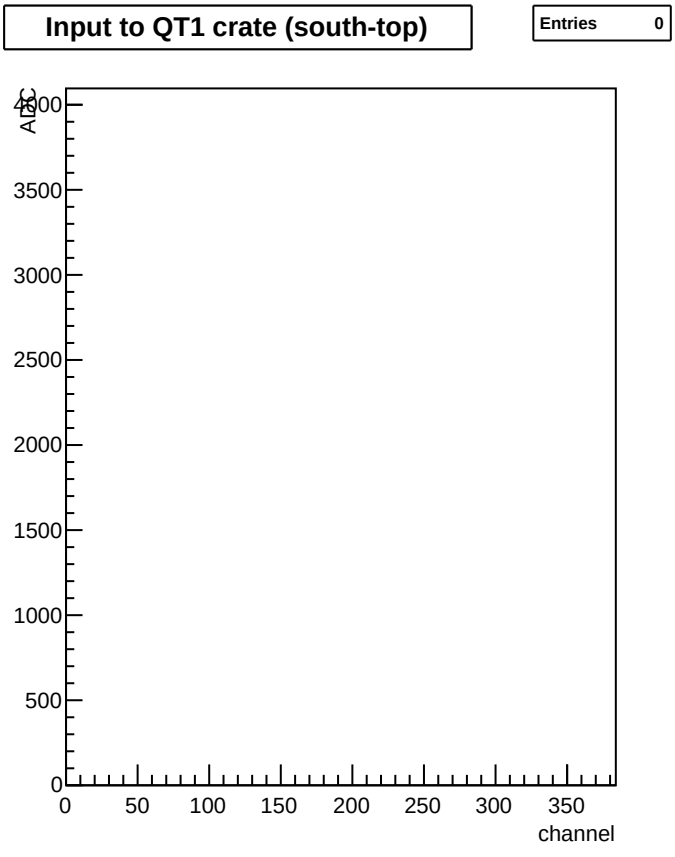

Entries 3219416
VPD-West ADC Sum
ZDC-West ADC Sum Att

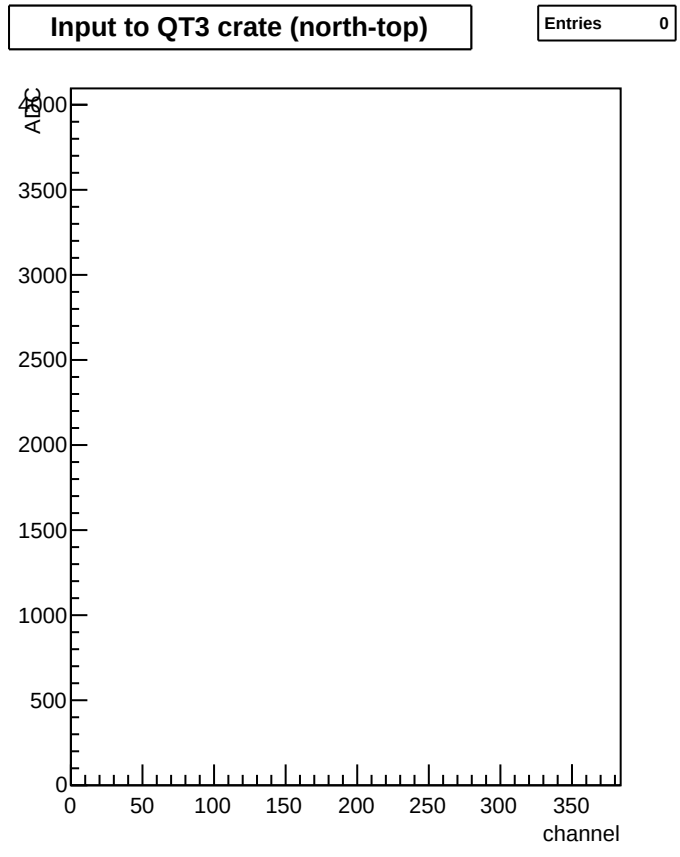

Entries 3219416
BBC-S-East ADC Sum
BBC-S-West ADC Sum

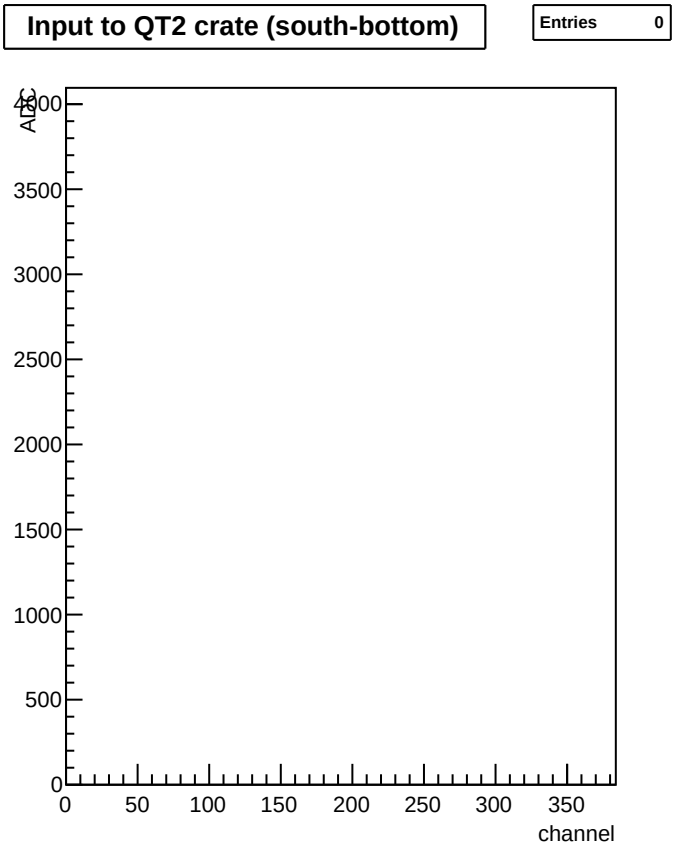

Entries 3219416
ZDC East ADC Sum Att
ZDC West ADC Sum Att

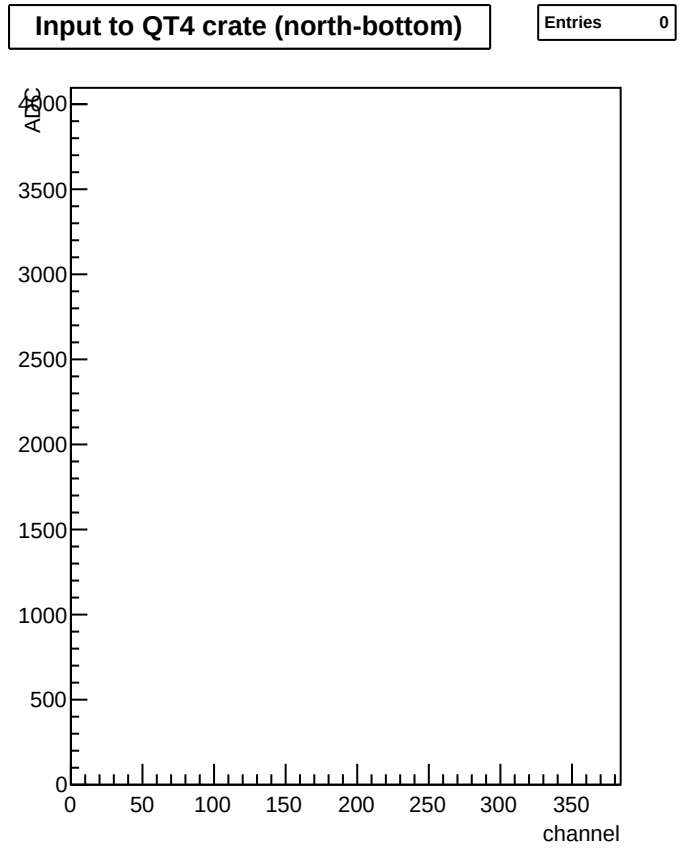

Entries 3219416
VPD East ADC Sum
VPD West ADC Sum

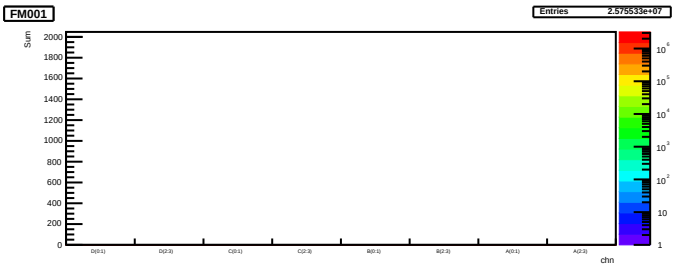

Entries 3219416
BBC-S TAC Diff
ZDC TAC Diff

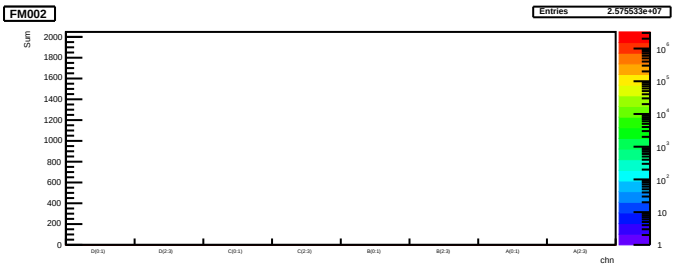

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

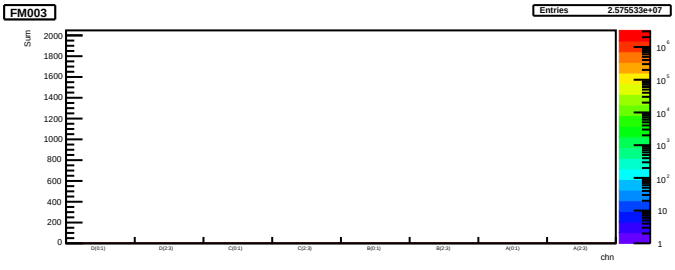

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

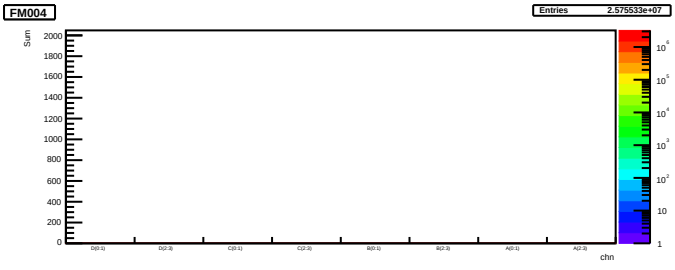

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

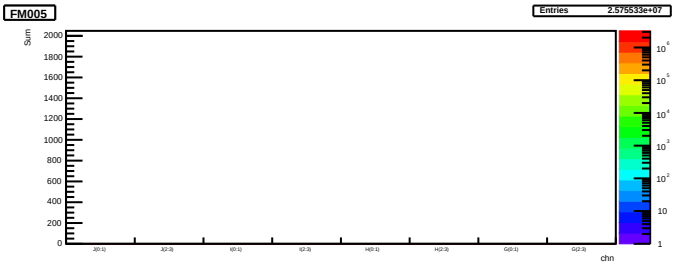

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

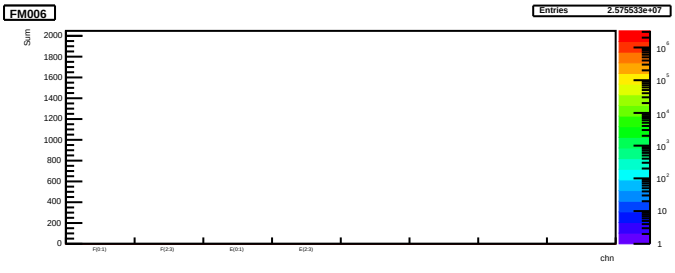

FM001
Entries 2.575533e+07
Sum
chn

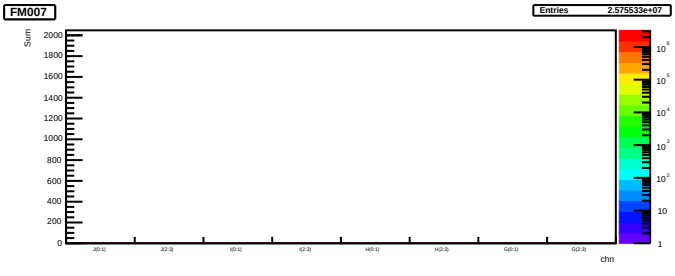

FM002
Entries 2.575533e+07
Sum
chn

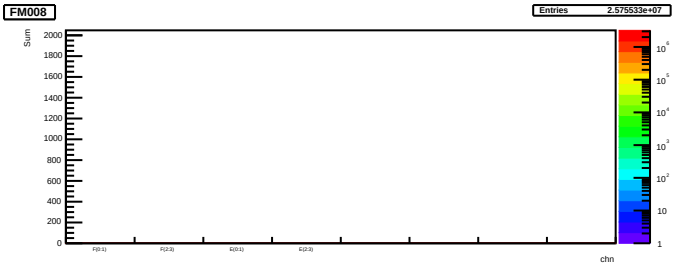

FM003
Entries 2.575533e+07
Sum
chn

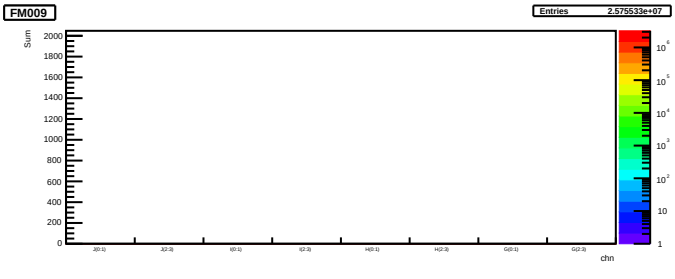

FM004
Entries 2.575533e+07
Sum
chn

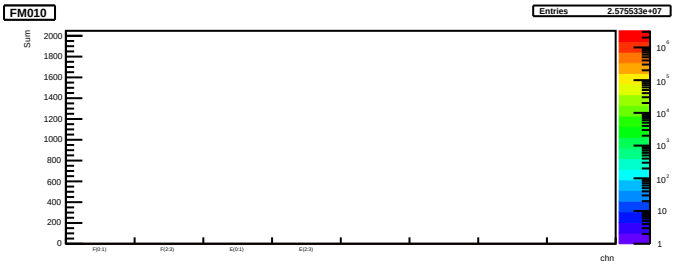

FM005
Entries 2.575533e+07
Sum
chn

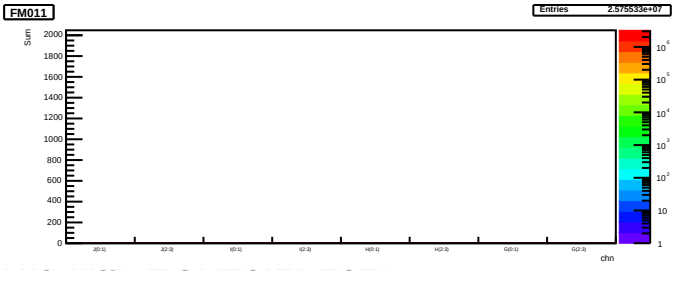

FM006
Entries 2.575533e+07
Sum
chn

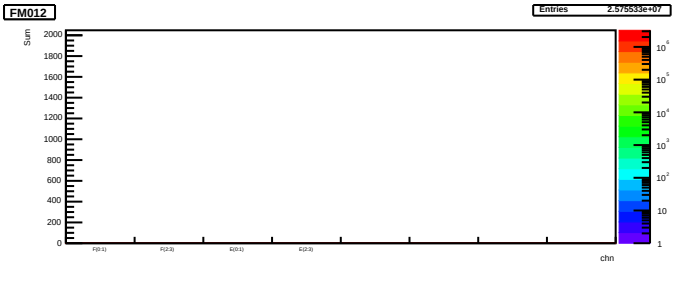

FM007
Entries 2.575533e+07
Sum
chn

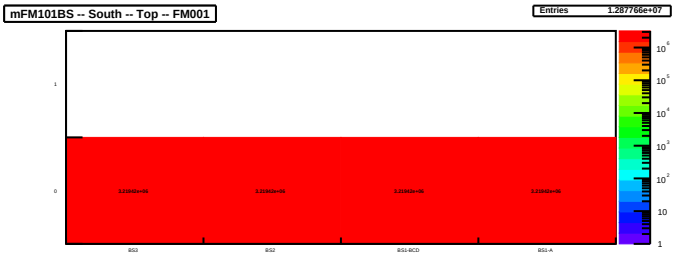

FM008
Entries 2.575533e+07
Sum
chn

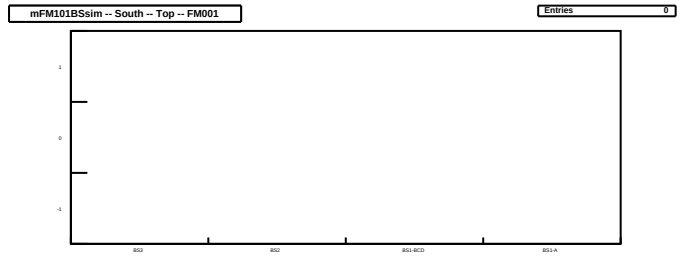

FM009
Entries 2.575533e+07
Sum
chn

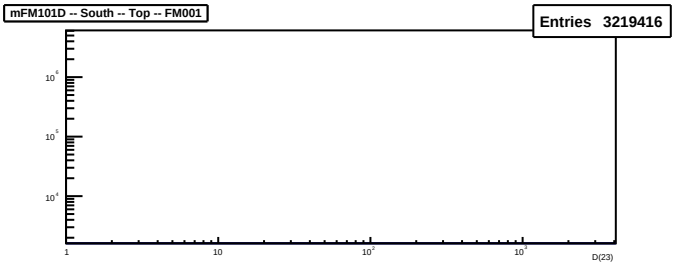

FM010
Entries 2.575533e+07
Sum
chn

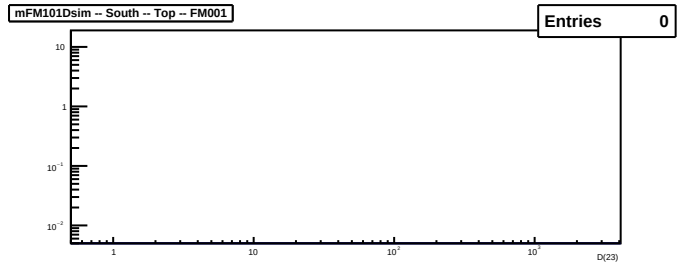

FM011
Entries 2.575533e+07
Sum
chn

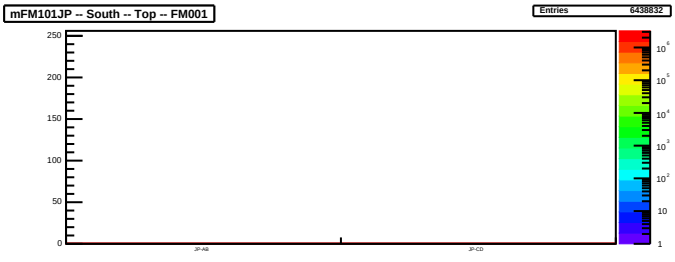

FM012
Entries 2.575533e+07
Sum
chn

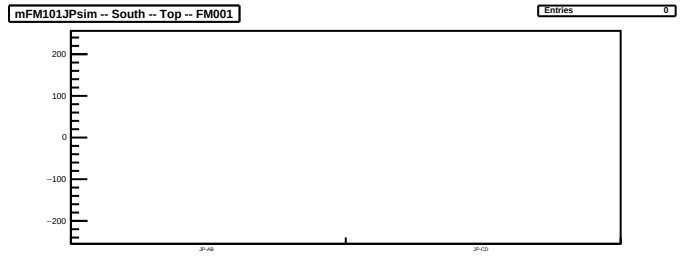

mFM101BS -- South -- Top -- FM001
Entries 1.287766e+07
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
BS3
BS2
BS1-BCD
BS1-A

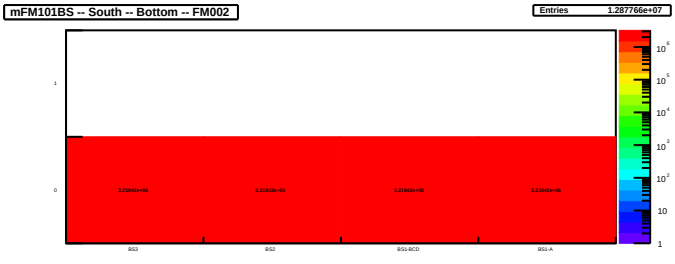

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A

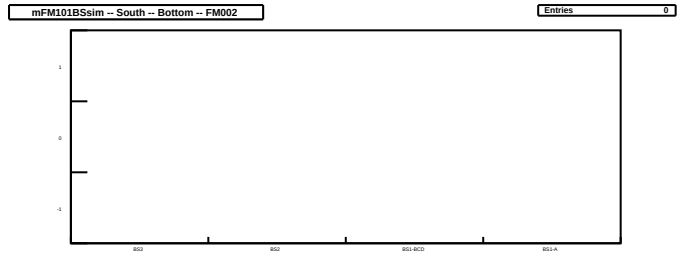

mFM101D -- South -- Top -- FM001
Entries 3219416
D(23)

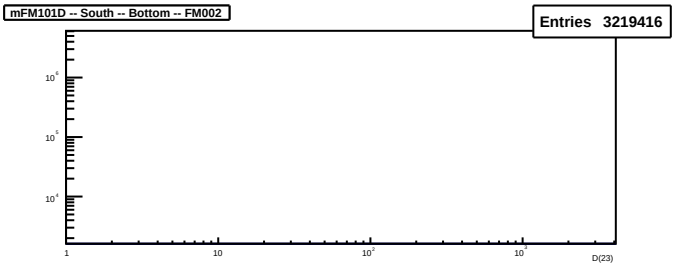

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

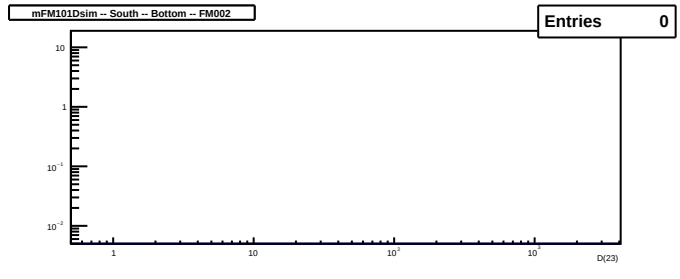

mFM101JP -- South -- Top -- FM001
Entries 6438832
JP-AB
JP-CD


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

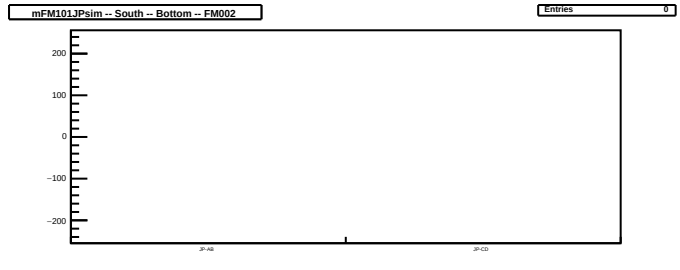

mFM101BS -- South -- Bottom -- FM002
Entries 1.287766e+07
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
BS3
BS2
BS1-BCD
BS1-A

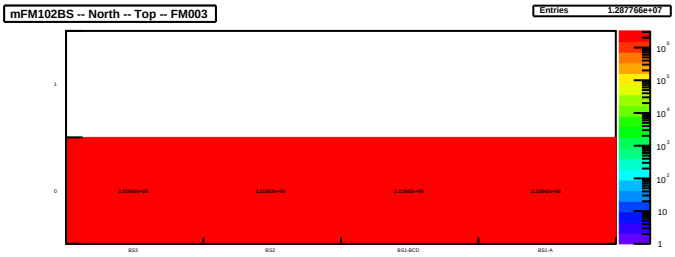

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 3219416
D(23)

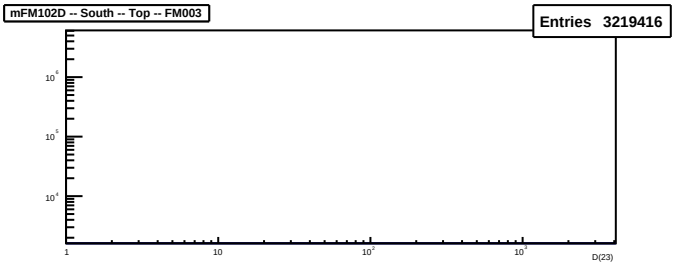

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

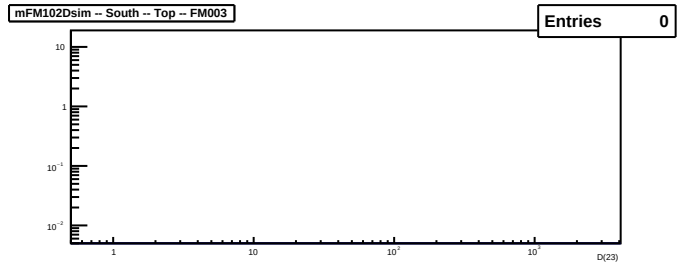
mFM101JP -- South -- Bottom -- FM002
Entries 6438832
JP-AB
JP-CD

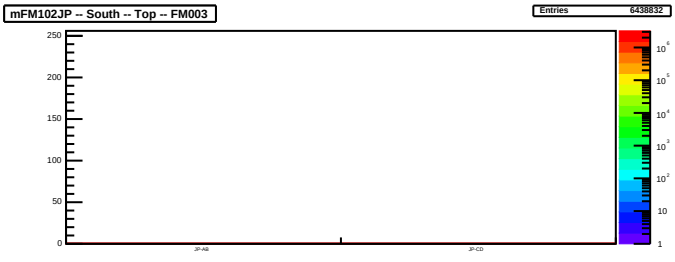

mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD

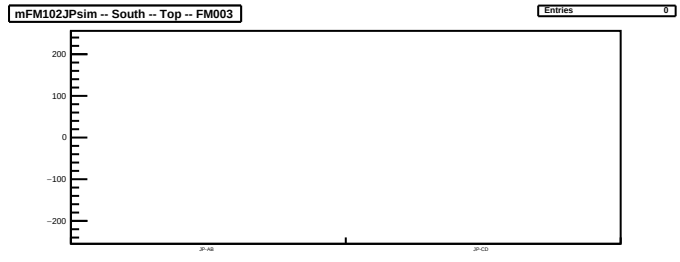

mFM102BS -- North -- Top -- FM003
Entries 1.287766e+07
BS3
BS2
BS1-BCD
BS1-A

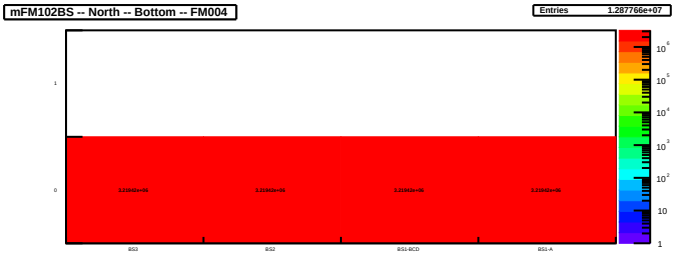
mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A

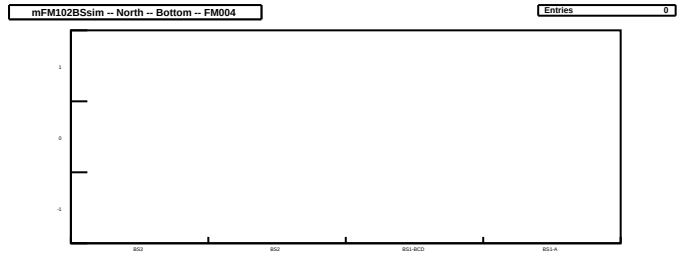

mFM102D -- South -- Top -- FM003
Entries 3219416
D(23)

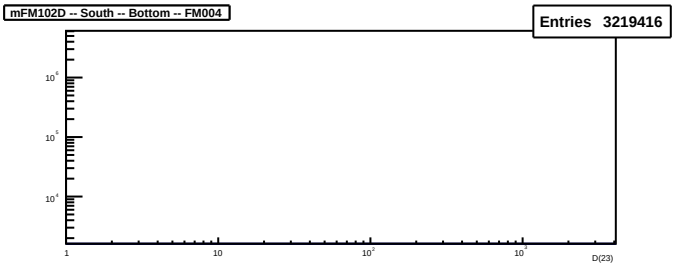

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

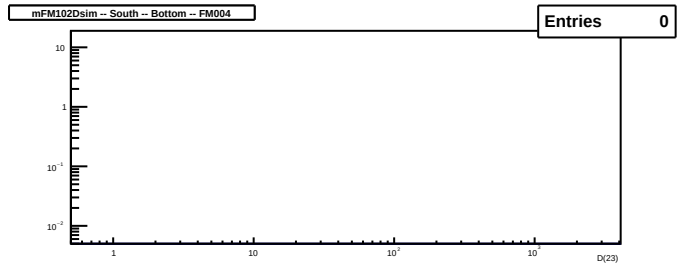

mFM102JP -- South -- Top -- FM003
Entries 6438832
JP-AB
JP-CD

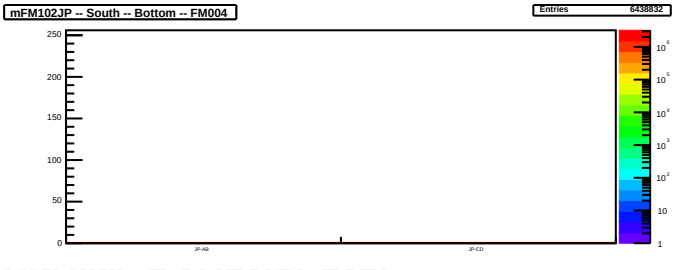

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

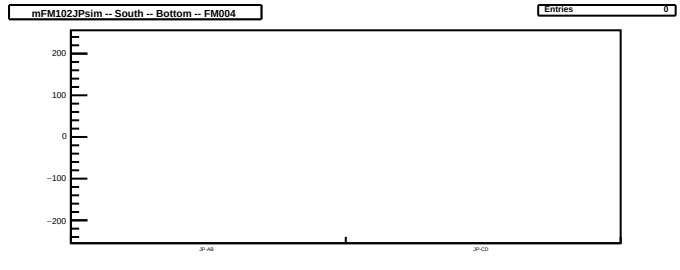

mFM102BS -- North -- Bottom -- FM004
Entries 1.287766e+07
BS3
BS2
BS1-BCD
BS1-A

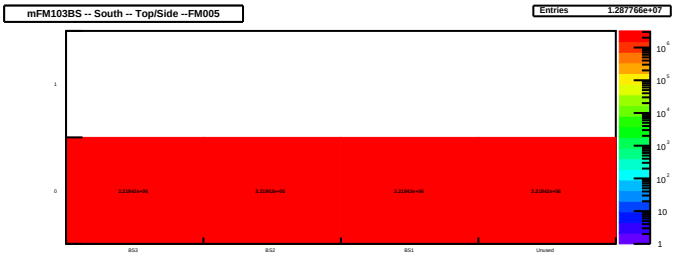

mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A

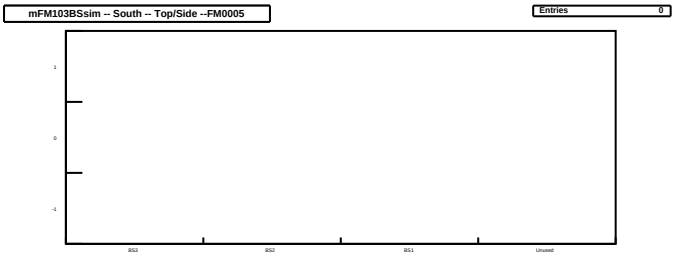

mFM102D -- South -- Bottom -- FM004
Entries 3219416
D(23)

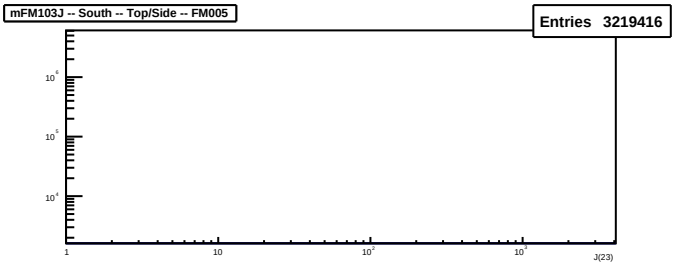

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

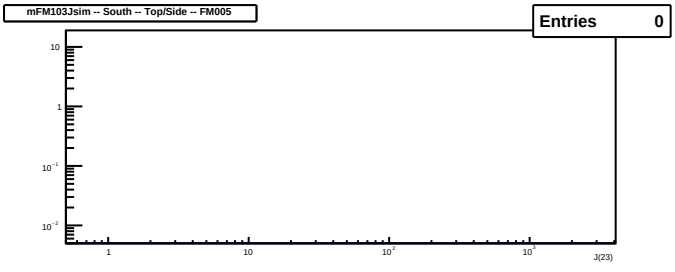

mFM102JP -- South -- Bottom -- FM004
Entries 6438832
JP-AB
JP-CD

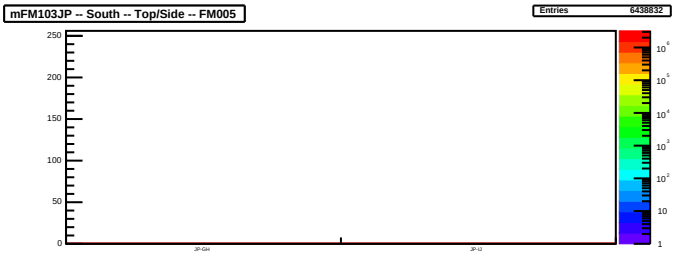

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

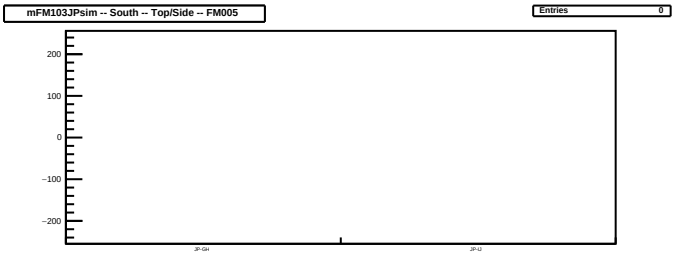

mFM103BS -- South -- Top/Side --FM005
Entries 1.287766e+07
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
BS3
BS2
BS1
Unused

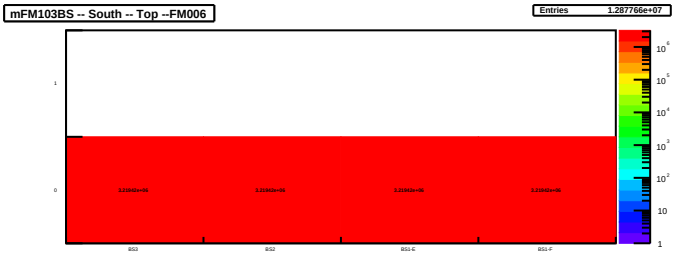

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused

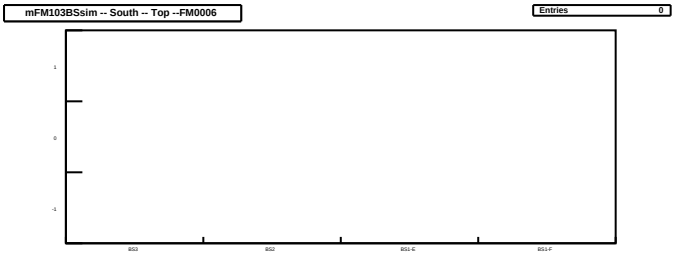

mFM103J -- South -- Top/Side -- FM005
Entries 3219416
J(23)

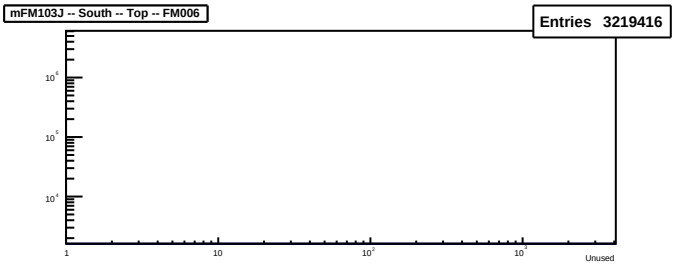

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

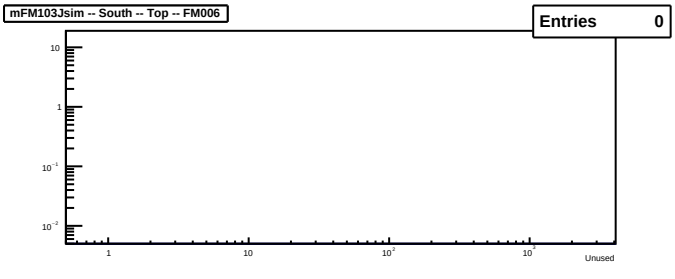

mFM103JP -- South -- Top/Side -- FM005
Entries 6438832
JP-GH
JP-U


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

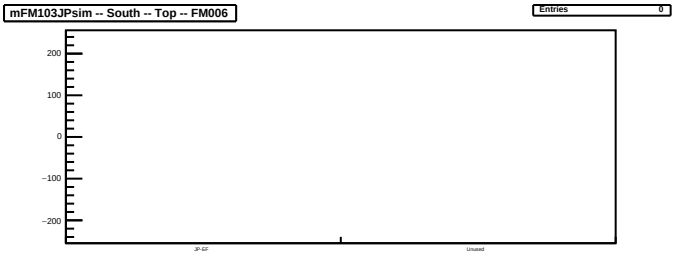

mFM103BS -- South -- Top --FM006
Entries 1.287766e+07
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
BS3
BS2
BS1-E
BS1-F

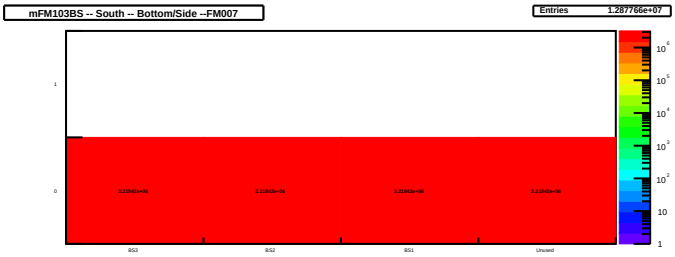

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

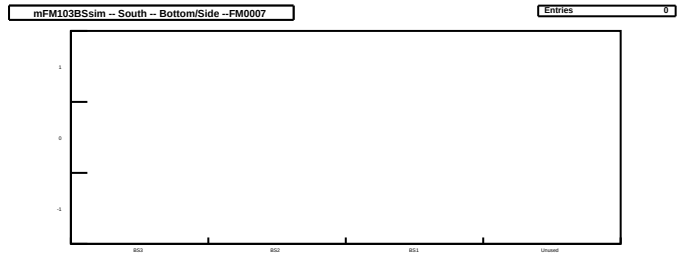

mFM103J -- South -- Top -- FM006
Entries 3219416
Unused

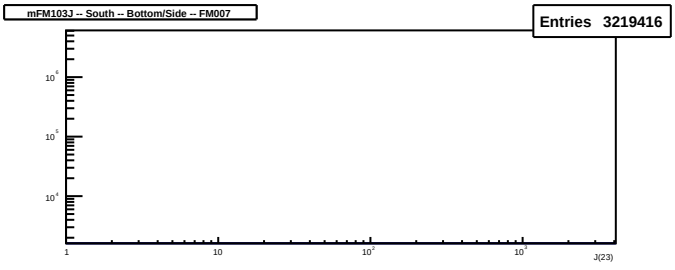

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

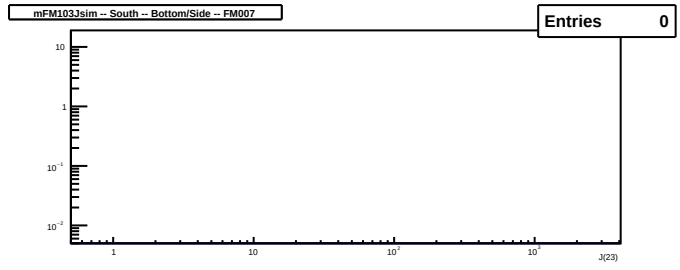
mFM103JP -- South -- Top -- FM006
Entries 6438832
JP-EF
Unused

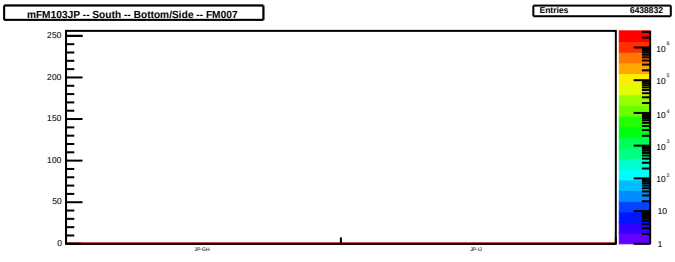

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

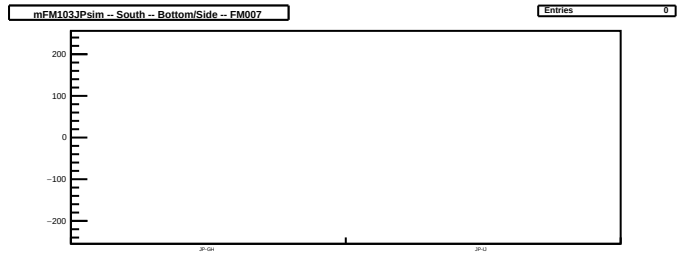

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.287766e+07
BS3
BS2
BS1
Unused

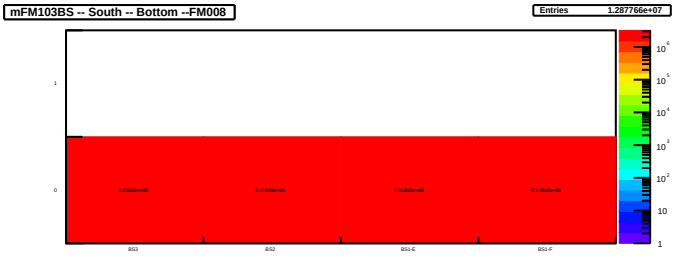

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused

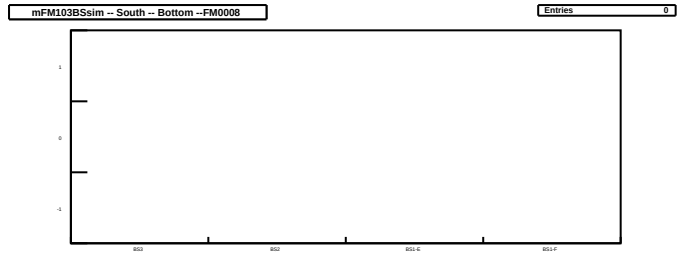

mFM103J -- South -- Bottom/Side -- FM007
Entries 3219416
J(23)

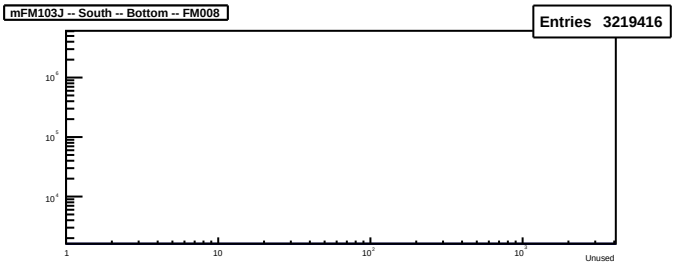

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

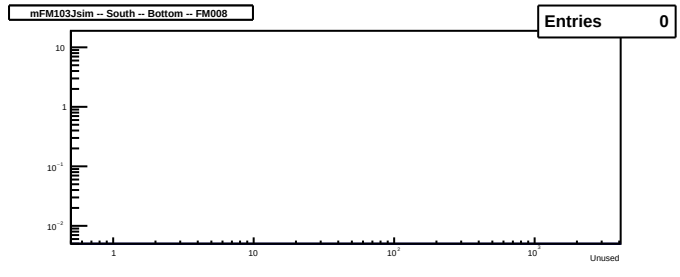

mFM103JP -- South -- Bottom/Side -- FM007
Entries 6438832
JP-GH
JP-IJ


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

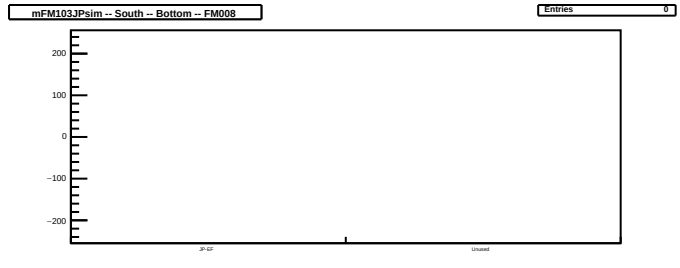

mFM103BS -- South -- Bottom --FM008
Entries 1.287766e+07
BS3
BS2
BS1-E
BS1-F

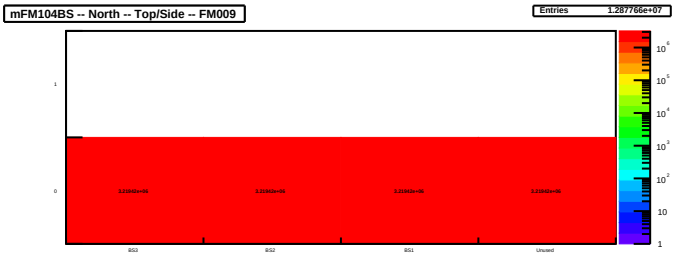

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F

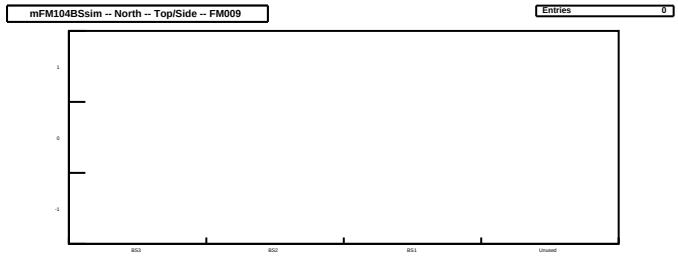

mFM103J -- South -- Bottom -- FM008
Entries 3219416
Unused

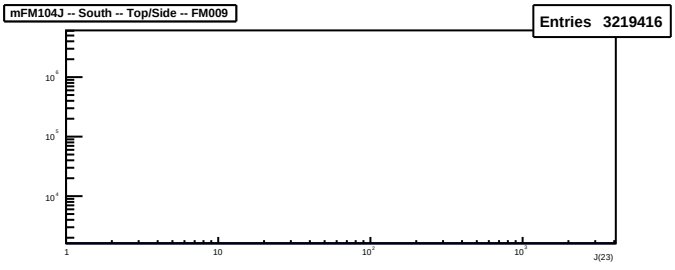

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

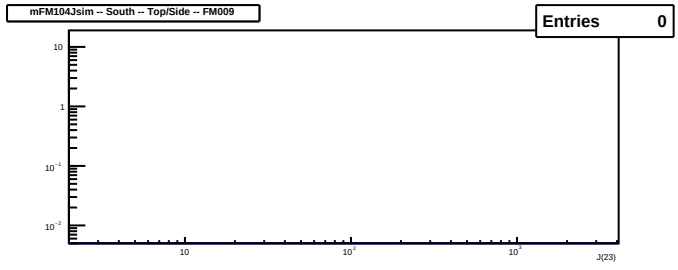
mFM103JP -- South -- Bottom -- FM008
Entries 6438832
JP-EF
Unused

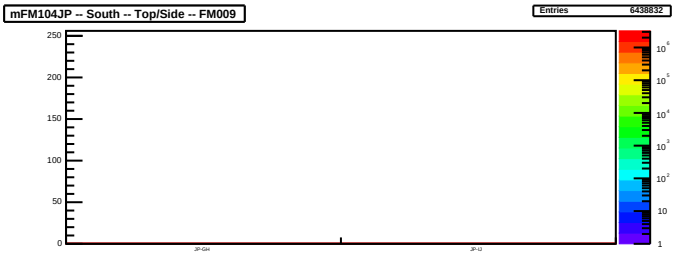

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

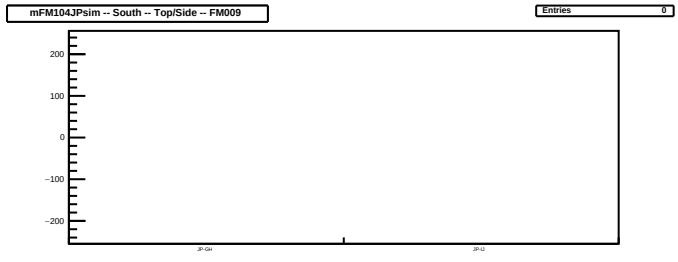

mFM104BS -- North -- Top/Side -- FM009
Entries 1.287766e+07
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
BS3
BS2
BS1
Unused

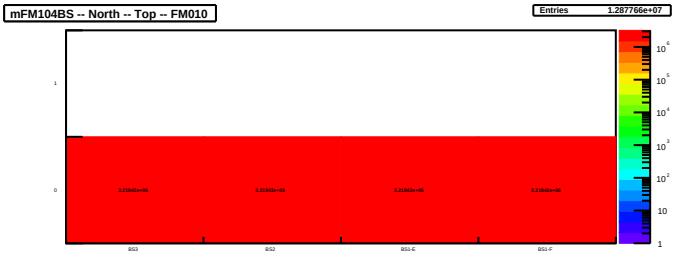

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

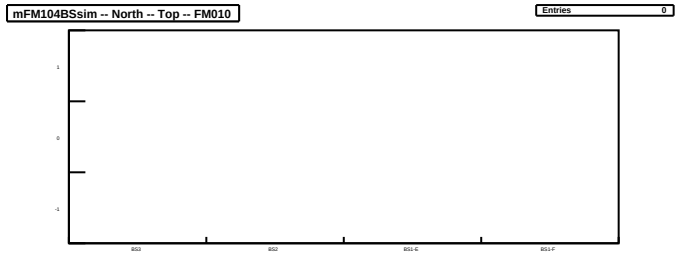

mFM104J -- South -- Top/Side -- FM009
Entries 3219416
J(23)

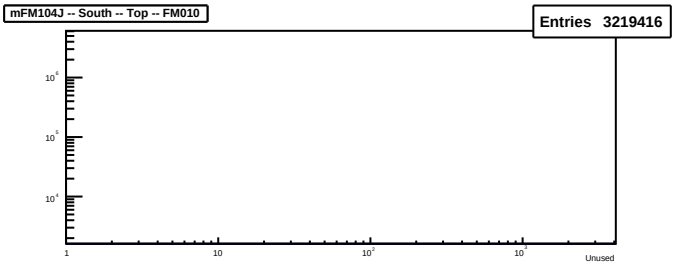

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

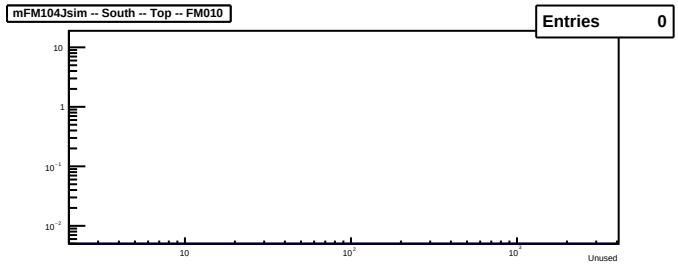

mFM104JP -- South -- Top/Side -- FM009
Entries 6438832
JP-GH
JP-U

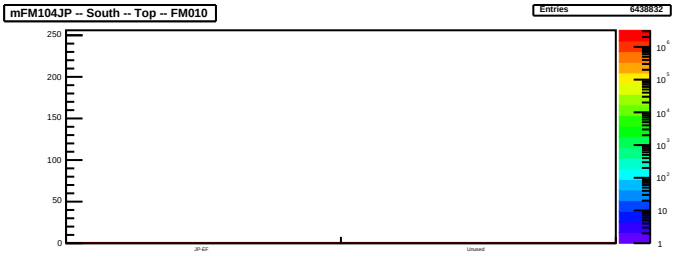

mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-U


mFM104BS -- North -- Top -- FM010
Entries 1.287766e+07
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
BS3
BS2
BS1-E
BS1-F

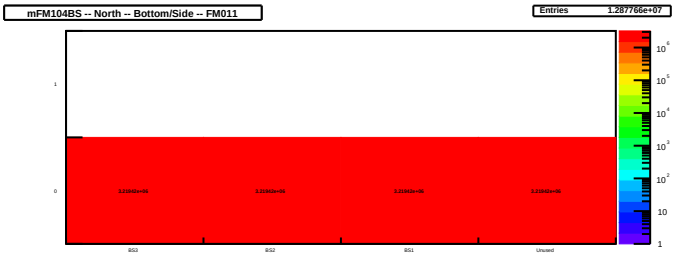

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

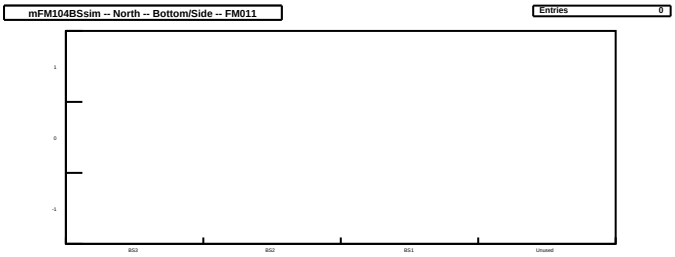

mFM104J -- South -- Top -- FM010
Entries 3219416
Unused

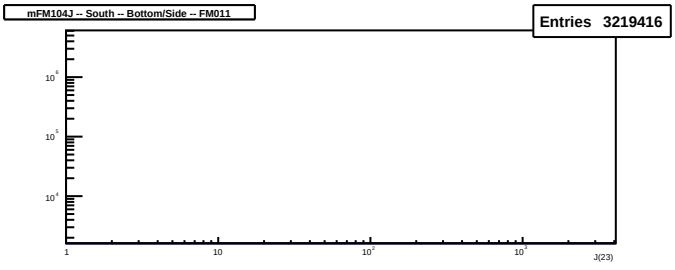

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

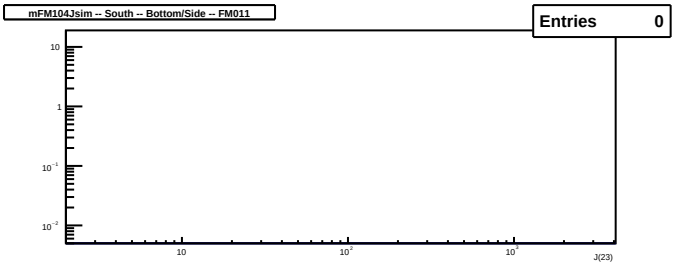

mFM104JP -- South -- Top -- FM010
Entries 6438832
JP-EF
Unused

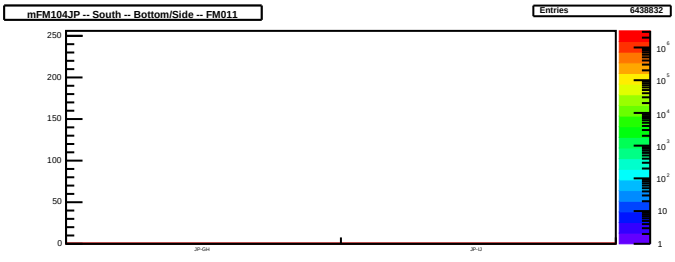
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

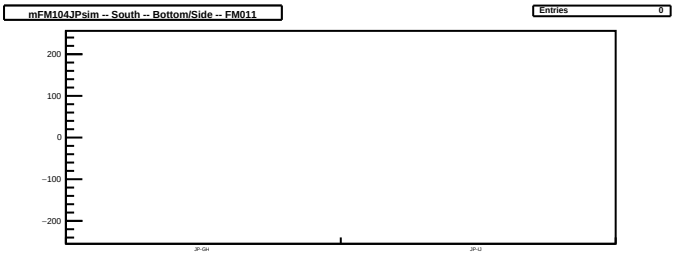

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.287766e+07
BS3
BS2
BS1
Unused

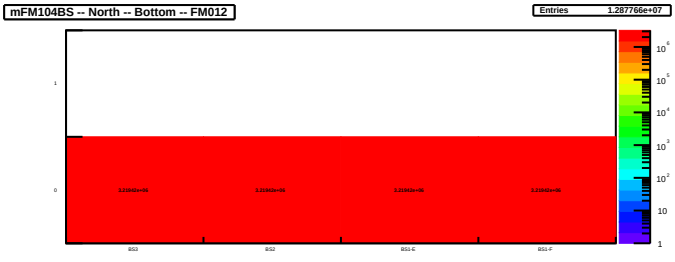

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

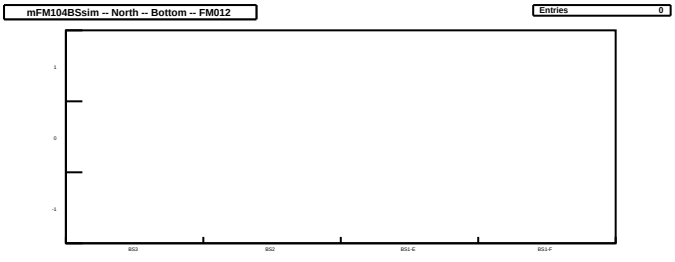

mFM104J -- South -- Bottom/Side -- FM011
Entries 3219416
J(23)

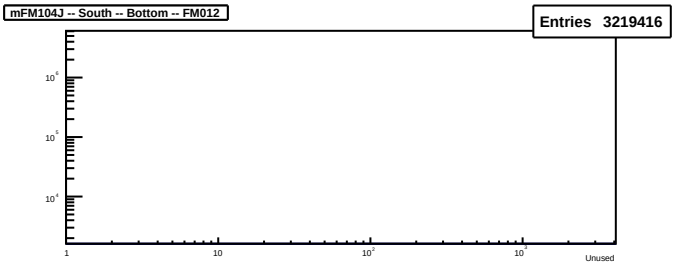

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

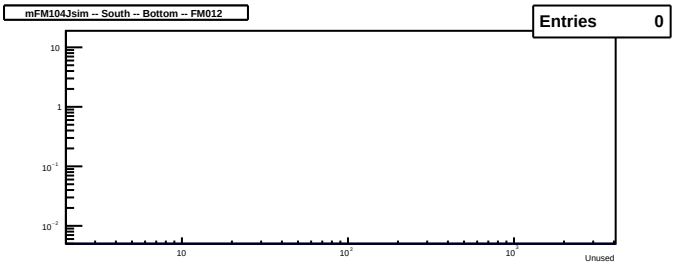

mFM104JP -- South -- Bottom/Side -- FM011
Entries 6438832
JP-GH
JP-IJ


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 1.287766e+07
BS3
BS2
BS1-E
BS1-F

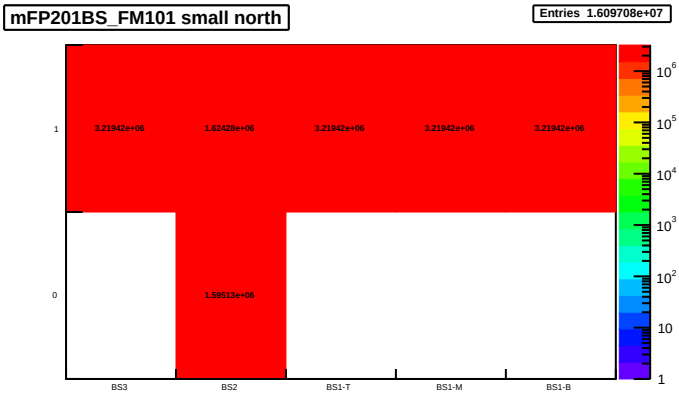

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

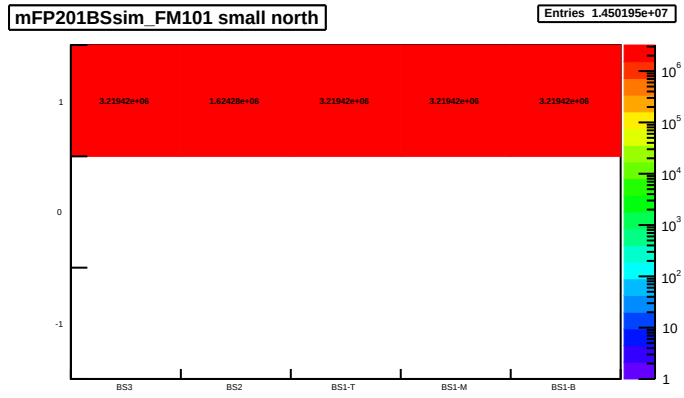

mFM104J -- South -- Bottom -- FM012
Entries 3219416
Unused

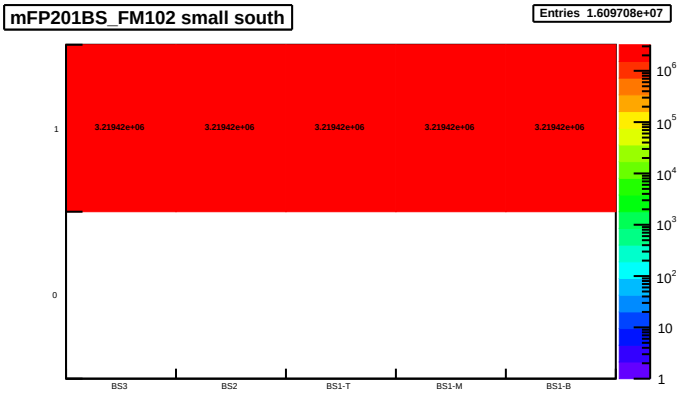

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

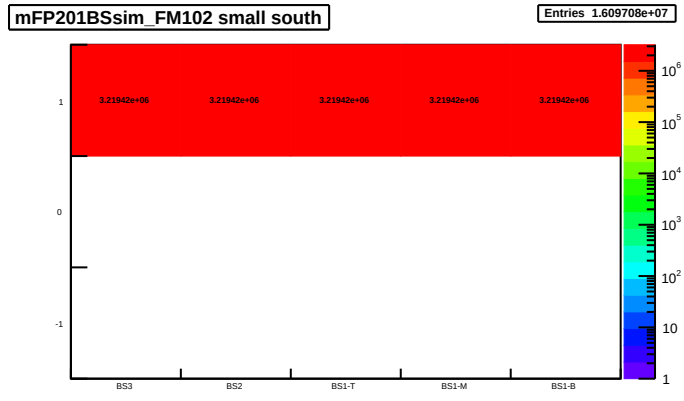
mFM104JP -- South -- Bottom -- FM012
Entries 6438832
JP-EF
Unused

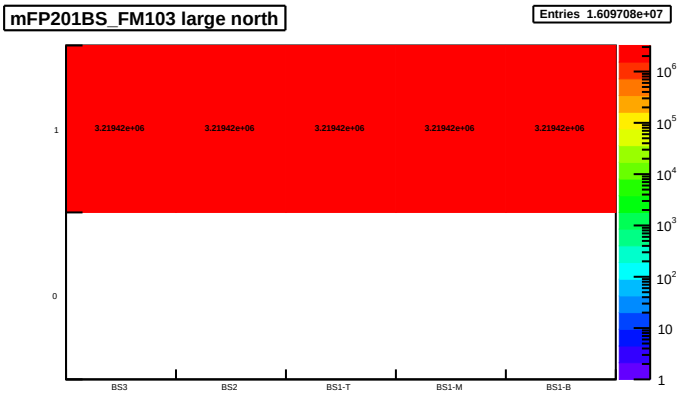
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

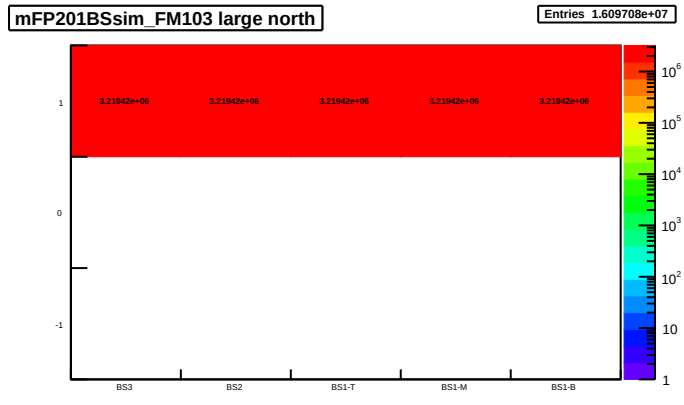

mFP201BS_FM101 small north
Entries 1.609708e+07
3.21942e+06
1.62428e+06
3.21942e+06
3.21942e+06
3.21942e+06
1.59513e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

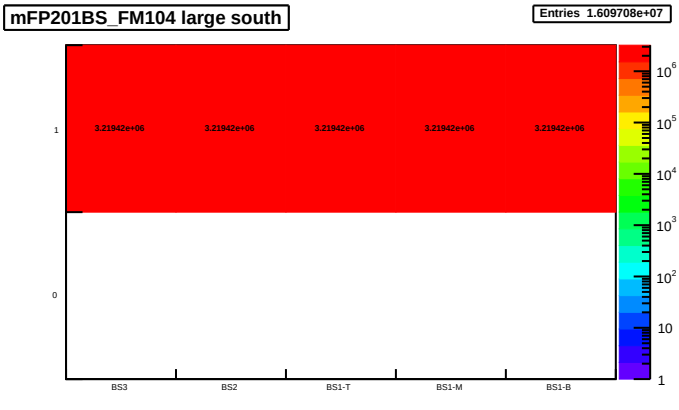

mFP201BSsim_FM101 small north
Entries 1.450195e+07
3.21942e+06
1.62428e+06
3.21942e+06
3.21942e+06
3.21942e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

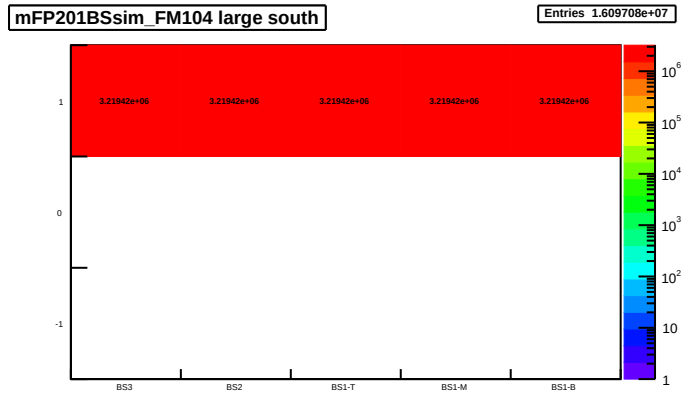

mFP201BS_FM102 small south
Entries 1.609708e+07
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

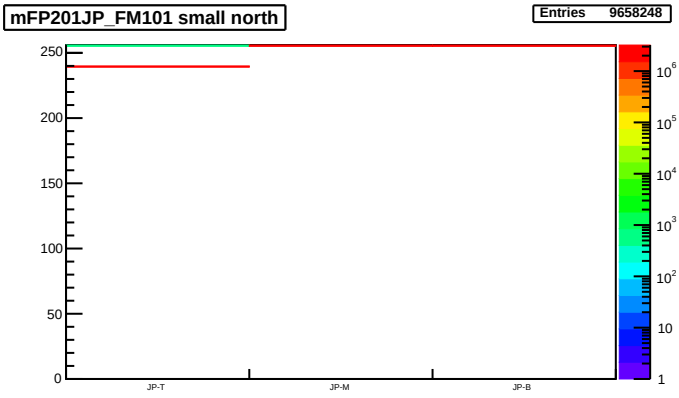

mFP201BSsim_FM102 small south
Entries 1.609708e+07
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

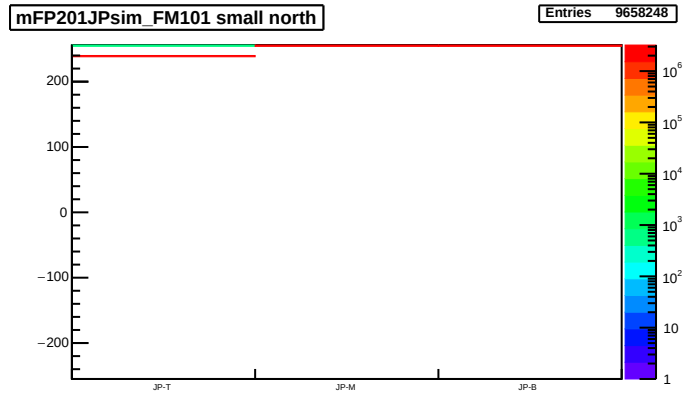

mFP201BS_FM103 large north
Entries 1.609708e+07
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

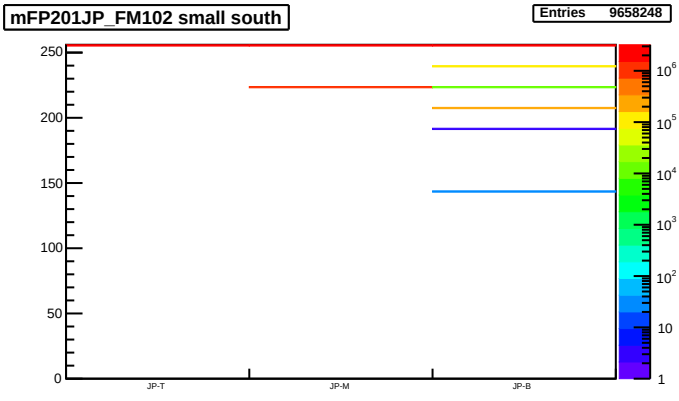

mFP201BSsim_FM103 large north
Entries 1.609708e+07
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

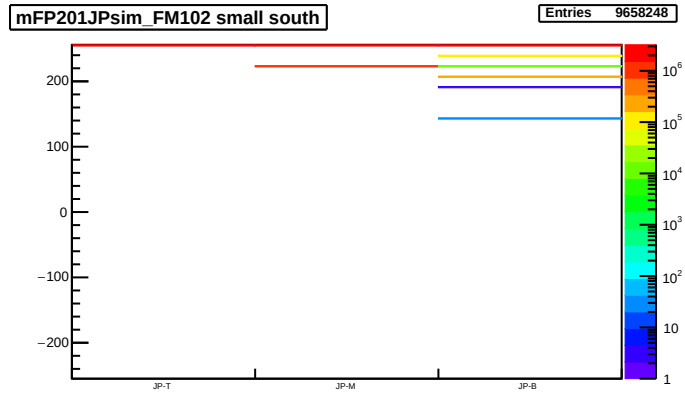

mFP201BS_FM104 large south
Entries 1.609708e+07
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

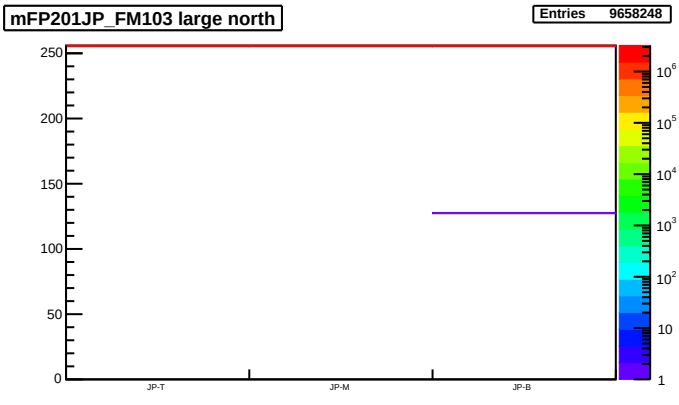

mFP201BSsim_FM104 large south
Entries 1.609708e+07
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
3.21942e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

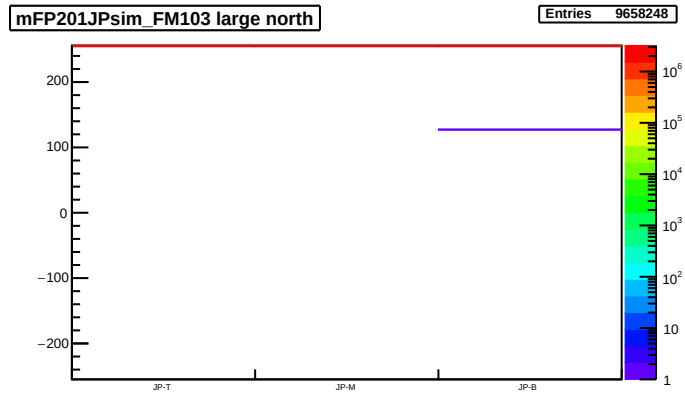

mFP201JP_FM101 small north
Entries 9658248
JP-T
JP-M
JP-B

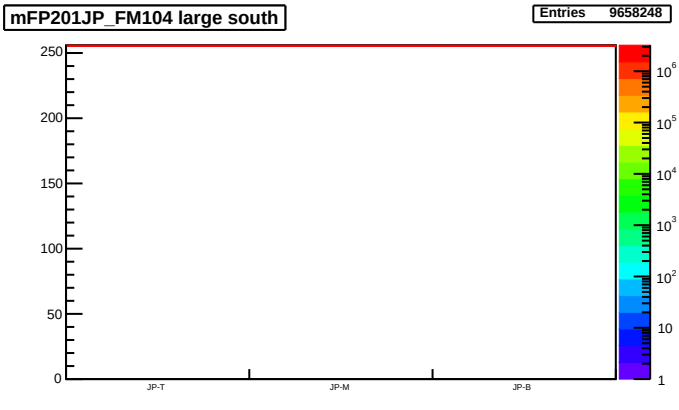

mFP201JPsim_FM101 small north
Entries 9658248
JP-T
JP-M
JP-B

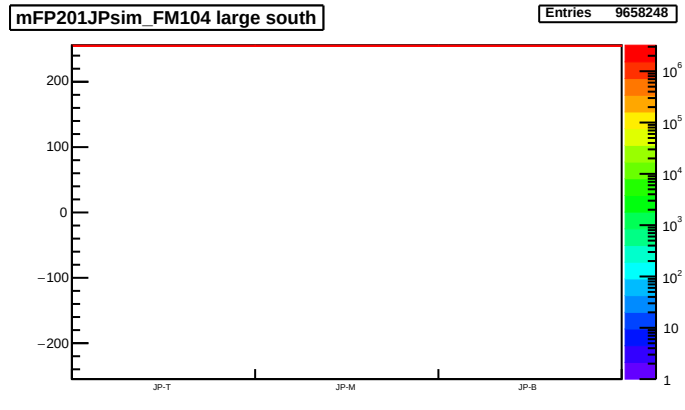

mFP201JP_FM102 small south
Entries 9658248
JP-T
JP-M
JP-B

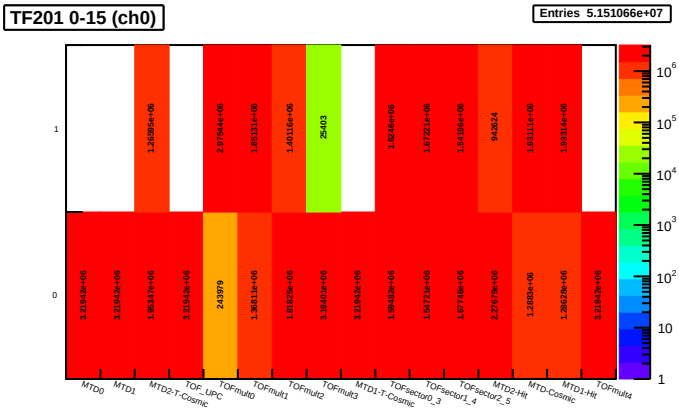

mFP201JPsim_FM102 small south
Entries 9658248
JP-T
JP-M
JP-B

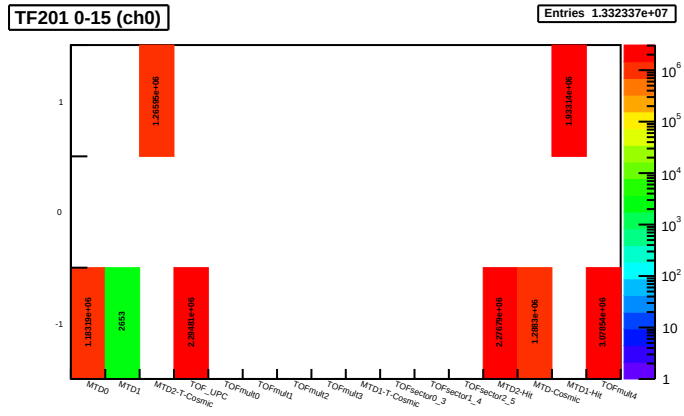

mFP201JP_FM103 large north
Entries 9658248
JP-T
JP-M
JP-B

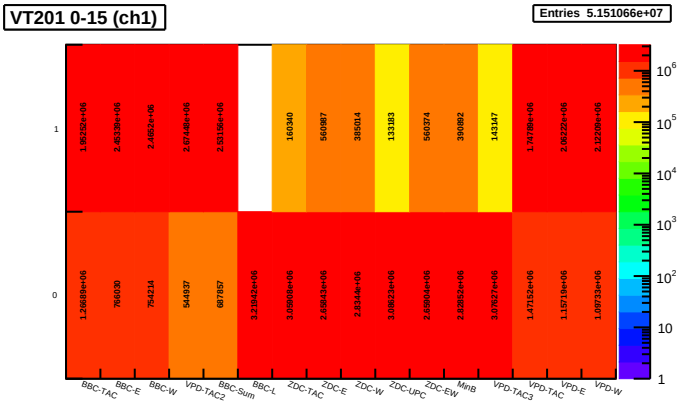

mFP201JPsim_FM103 large north
Entries 9658248
JP-T
JP-M
JP-B

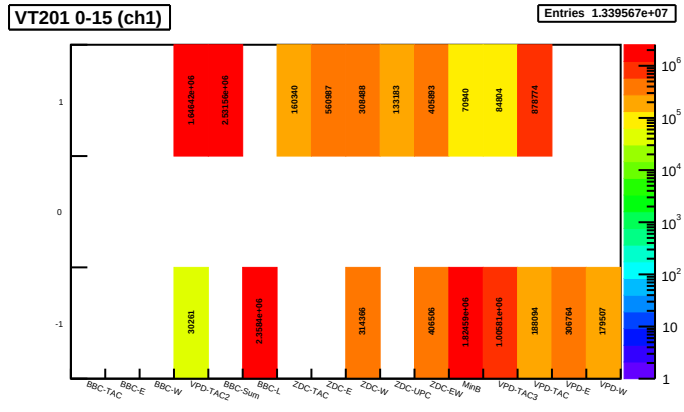

mFP201JP_FM104 large south
Entries 9658248
JP-T
JP-M
JP-B

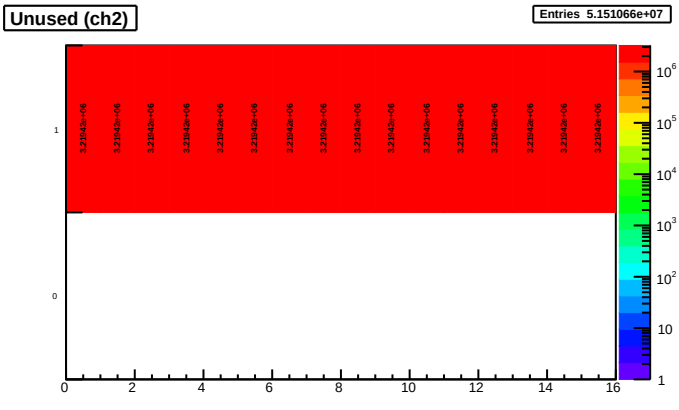

mFP201JPsim_FM104 large south
Entries 9658248
JP-T
JP-M
JP-B

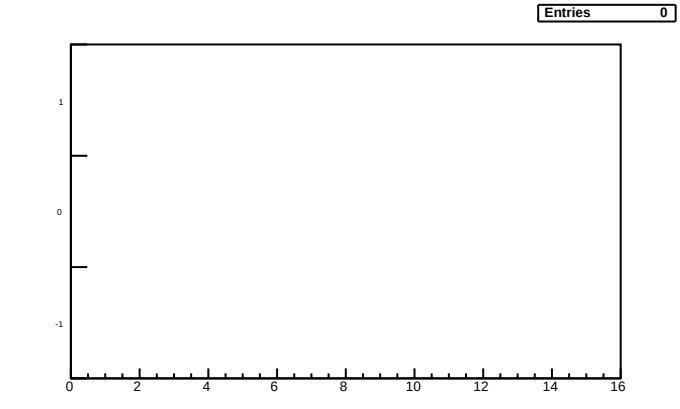

TF201 0-15 (ch0)
Entries 5.151066e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

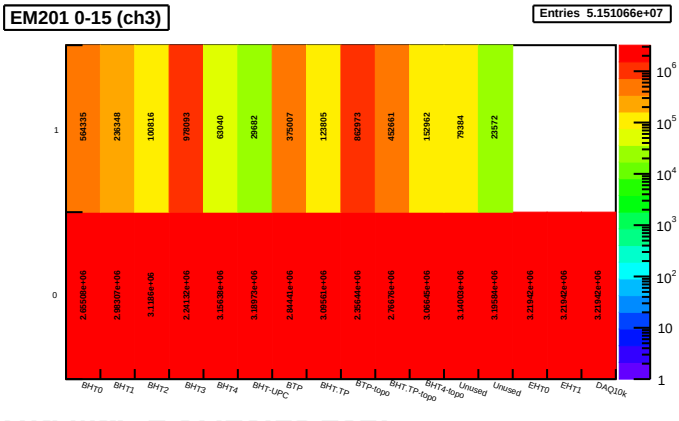

TF201 0-15 (ch0)
Entries 1.332337e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

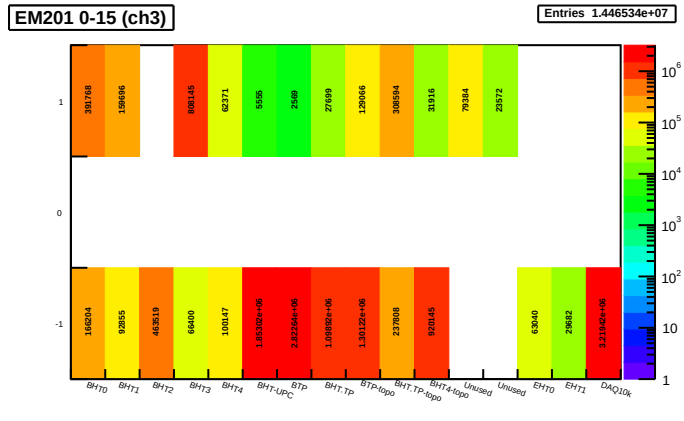

VT201 0-15 (ch1)
Entries 5.151066e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

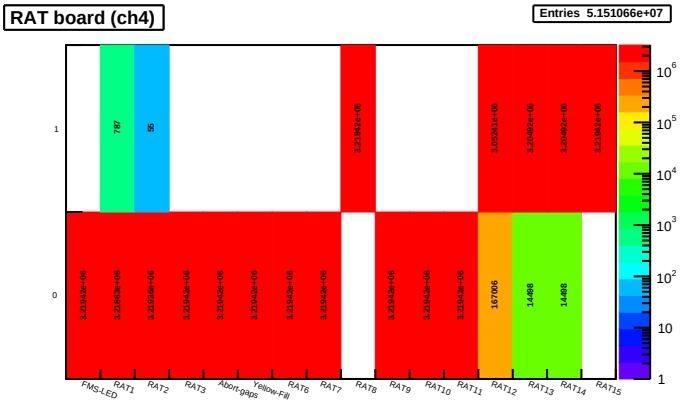

VT201 0-15 (ch1)
Entries 1.339567e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

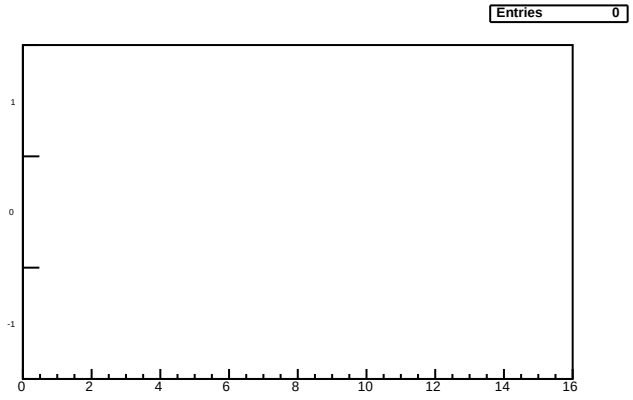

Unused (ch2)
Entries 5.151066e+07

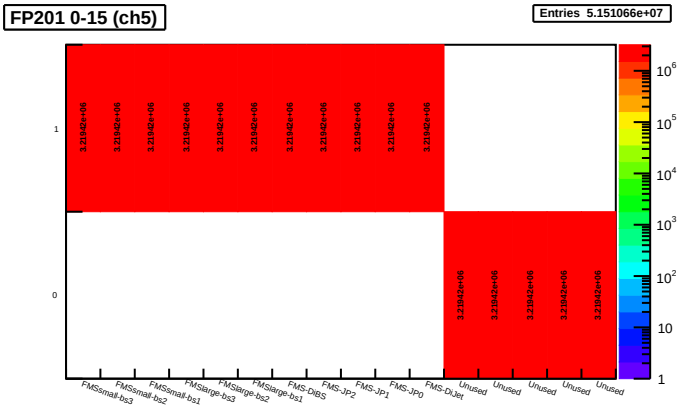

Entries 0

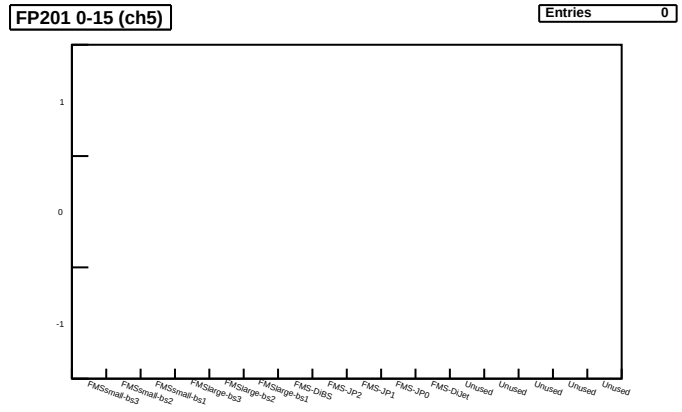

EM201 0-15 (ch3)
Entries 5.151066e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

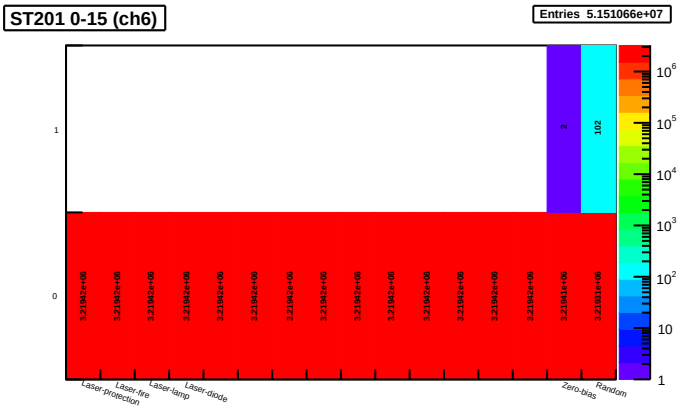

EM201 0-15 (ch3)
Entries 1.446534e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

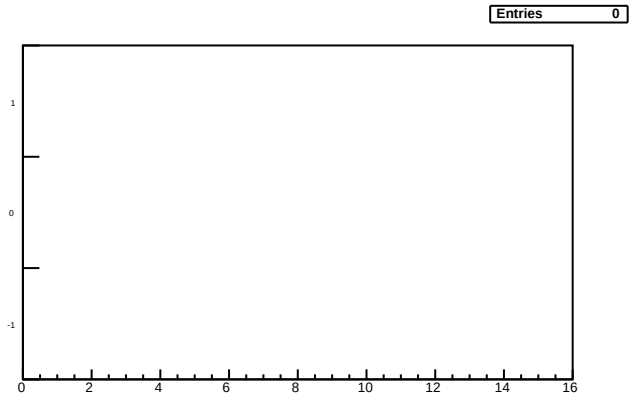

RAT board (ch4)
Entries 5.151066e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

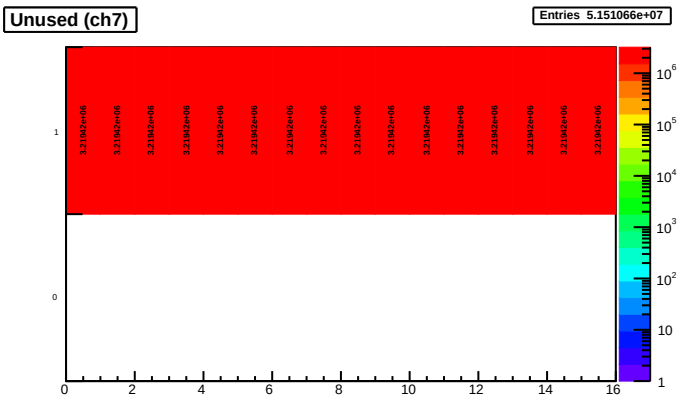

Entries 0

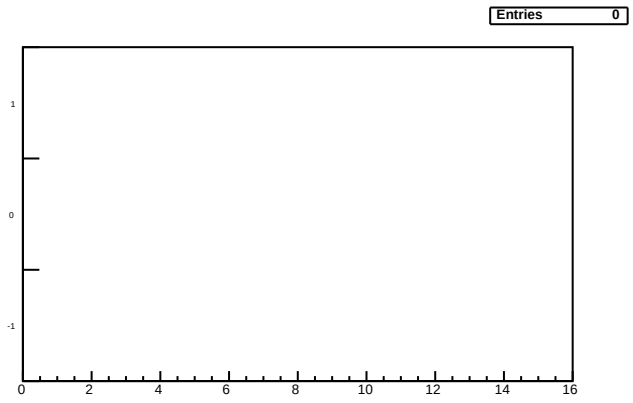

FP201 0-15 (ch5)
Entries 5.151066e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 5.151066e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 5.151066e+07


Entries 0