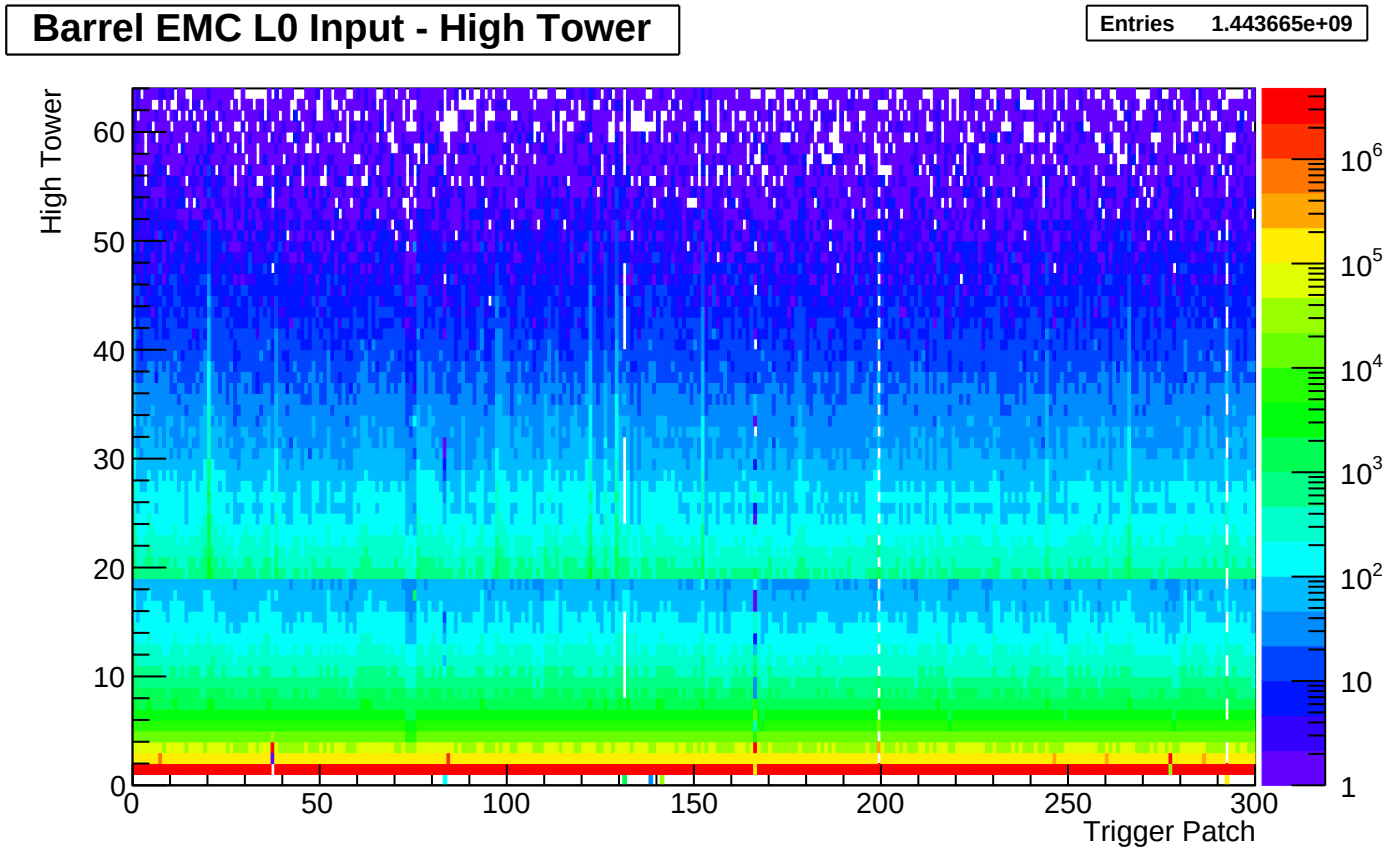
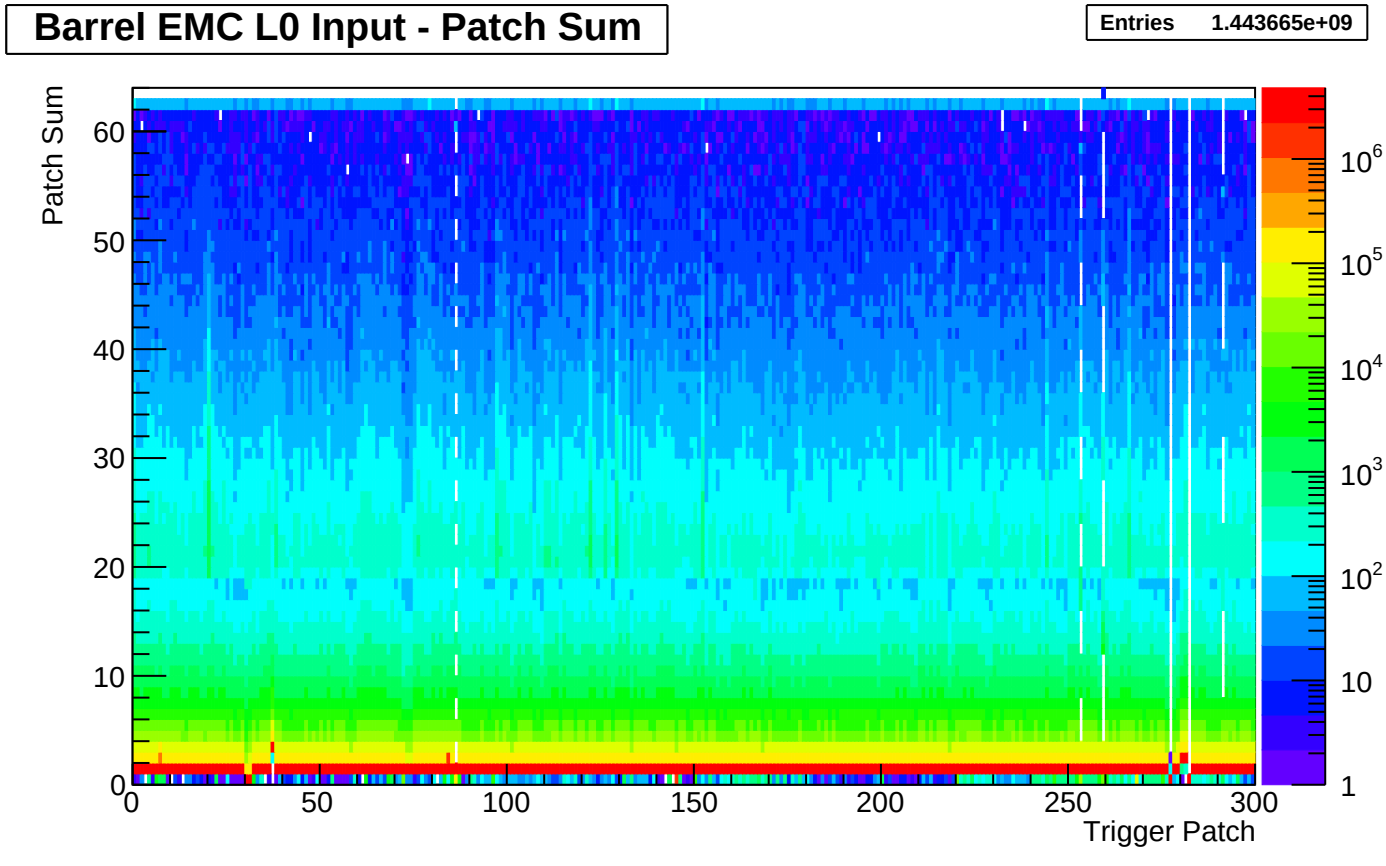
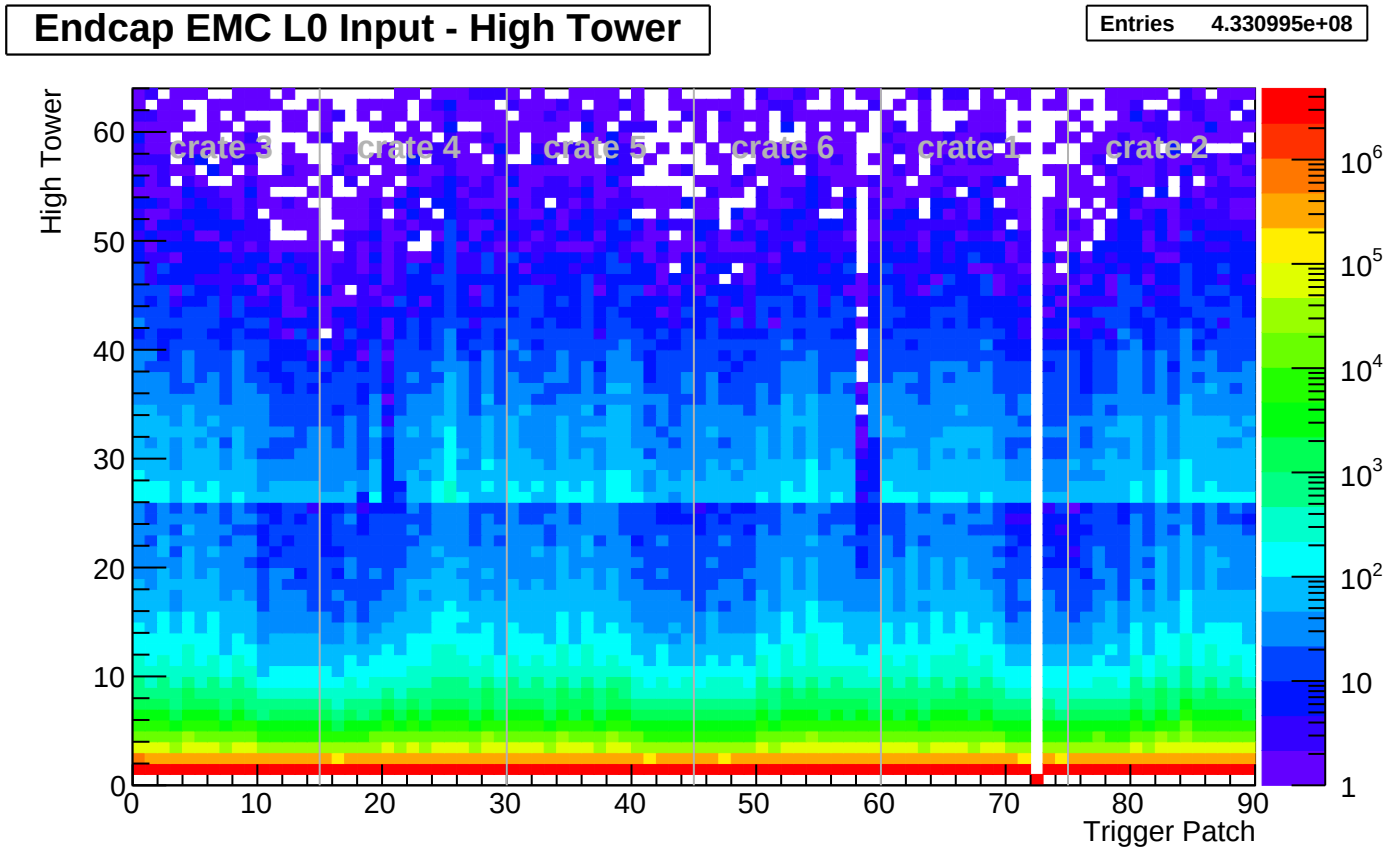
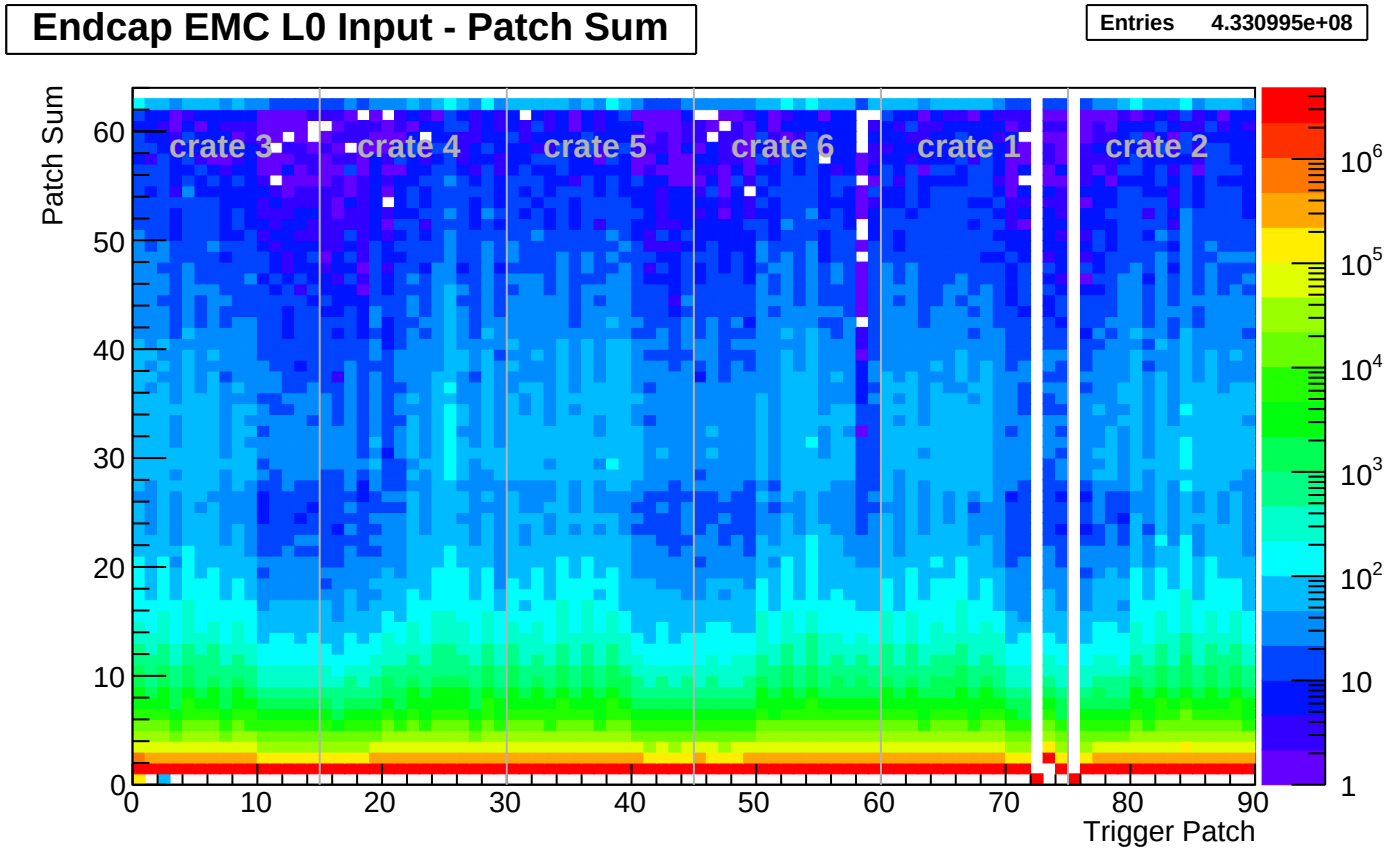
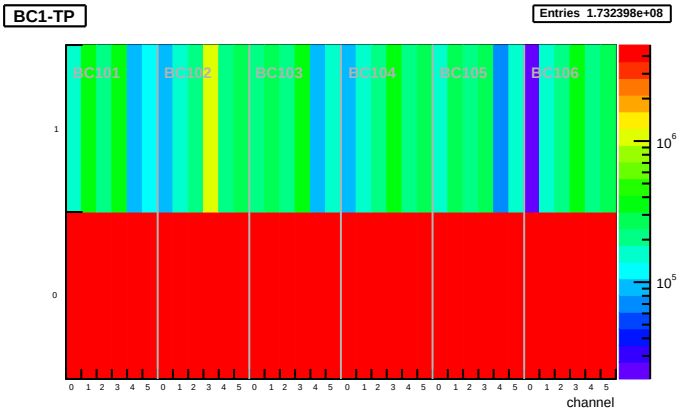
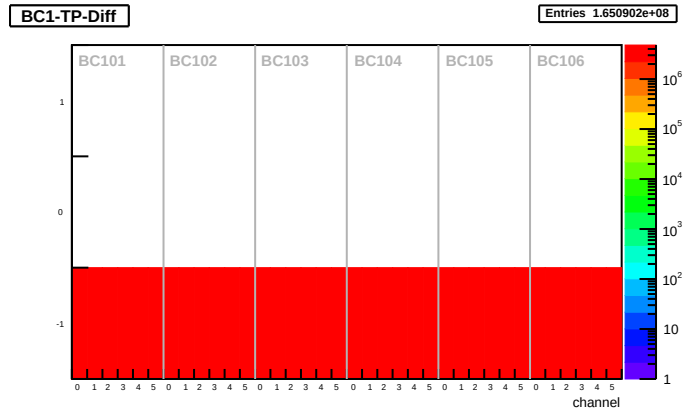

Barrel EMC L0 Input - High Tower
Entries 1.443665e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

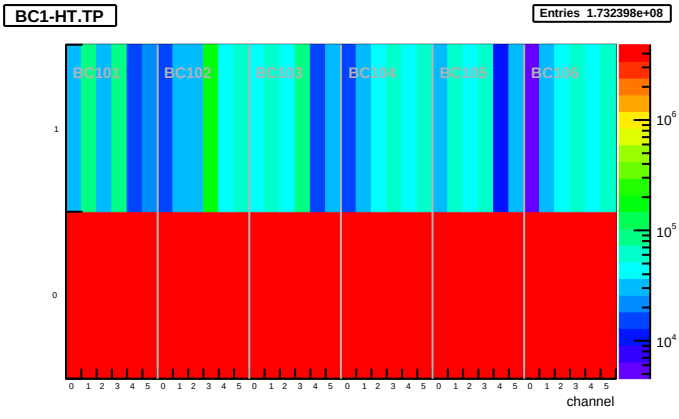

Barrel EMC L0 Input - Patch Sum
Entries 1.443665e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

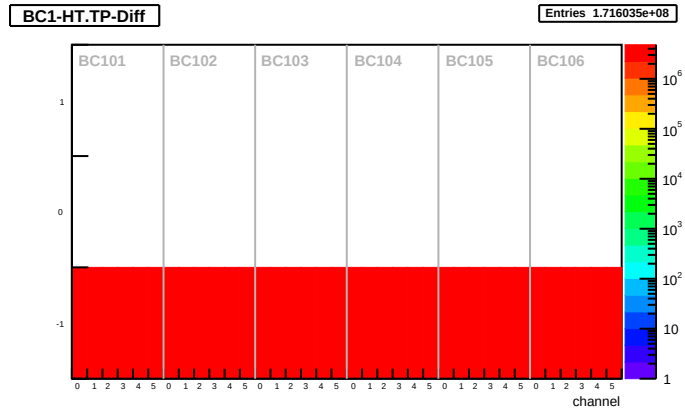

Endcap EMC L0 Input - High Tower
Entries 4.330995e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

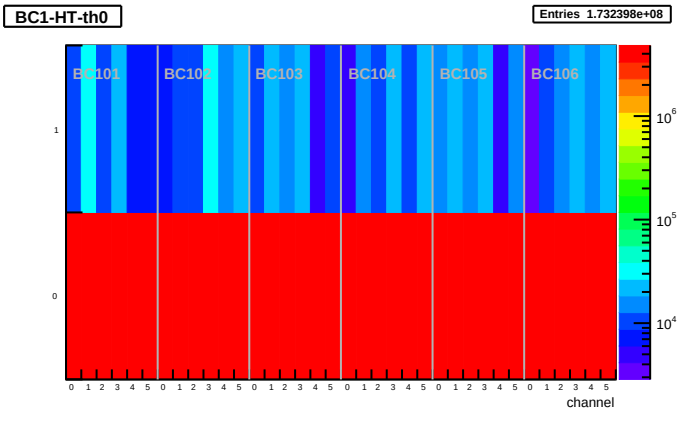

Endcap EMC L0 Input - Patch Sum
Entries 4.330995e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

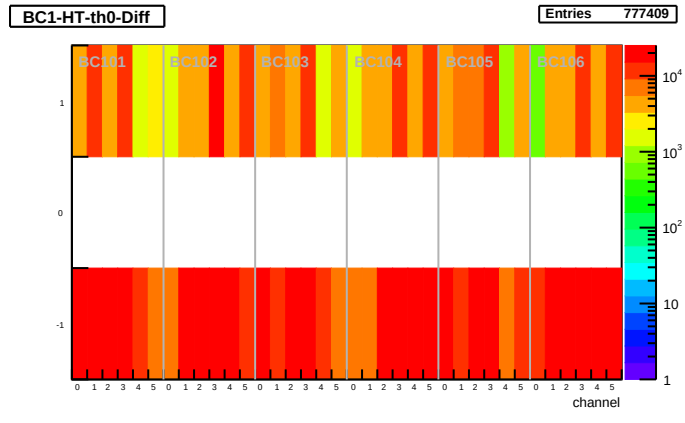

BC1-TP
Entries 1.732398e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

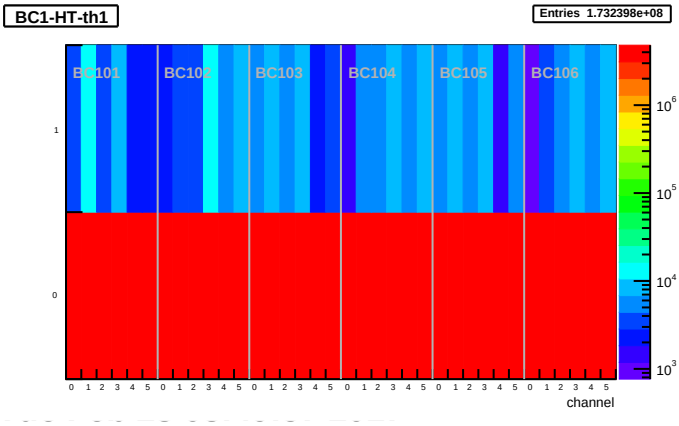

BC1-TP-Diff
Entries 1.650902e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

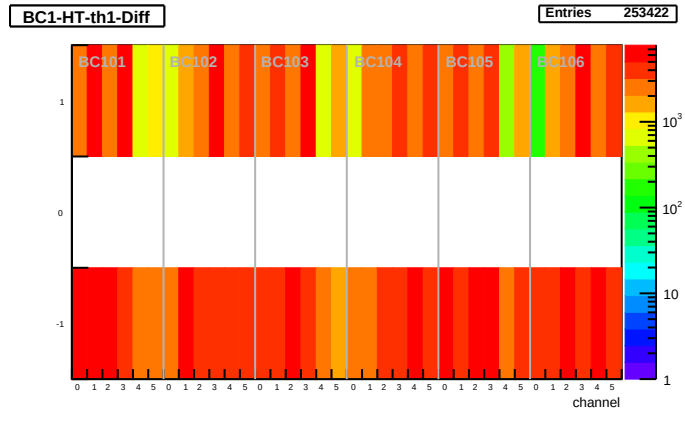

BC1-HT.TP
Entries 1.732398e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

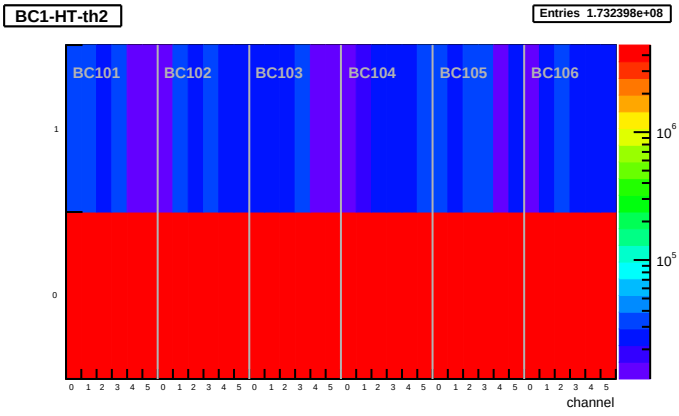

BC1-HT.TP-Diff
Entries 1.716035e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

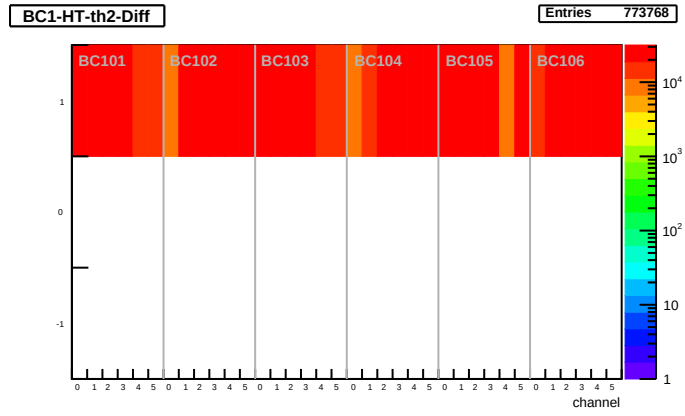

BC1-HT-th0
Entries 1.732398e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

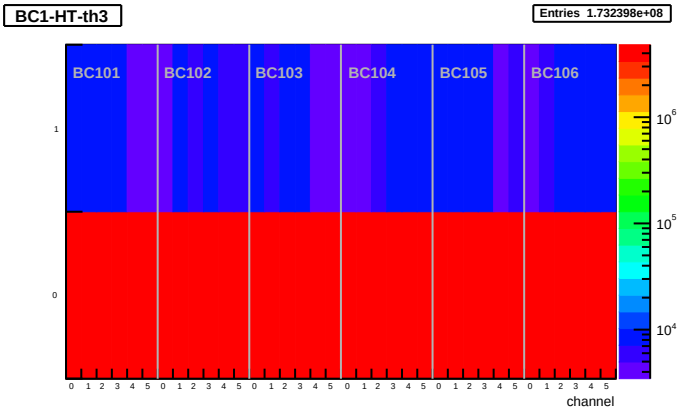

BC1-HT-th0-Diff
Entries 777409
BC101
BC102
BC103
BC104
BC105
BC106
channel

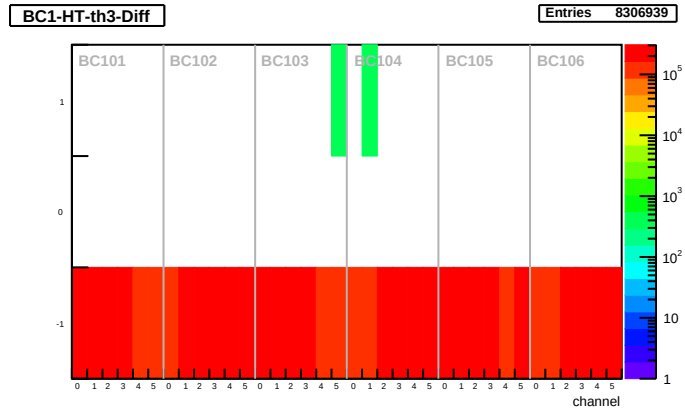

BC1-HT-th1
Entries 1.732398e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

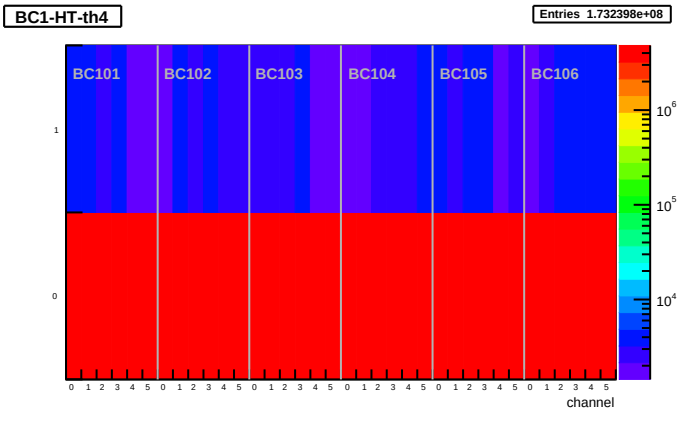

BC1-HT-th1-Diff
Entries 253422
BC101
BC102
BC103
BC104
BC105
BC106
channel

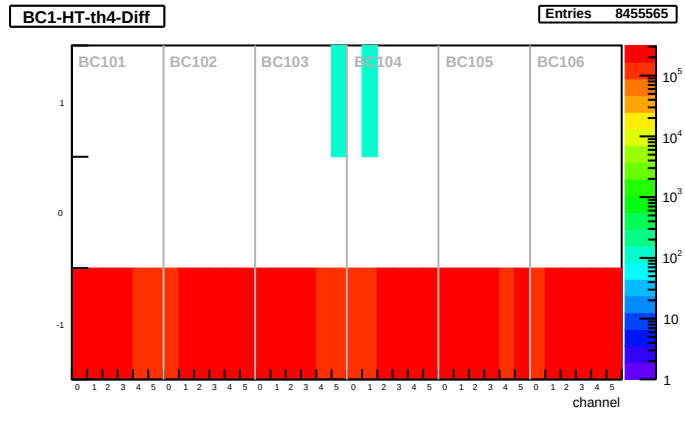

BC1-HT-th2
Entries 1.732398e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

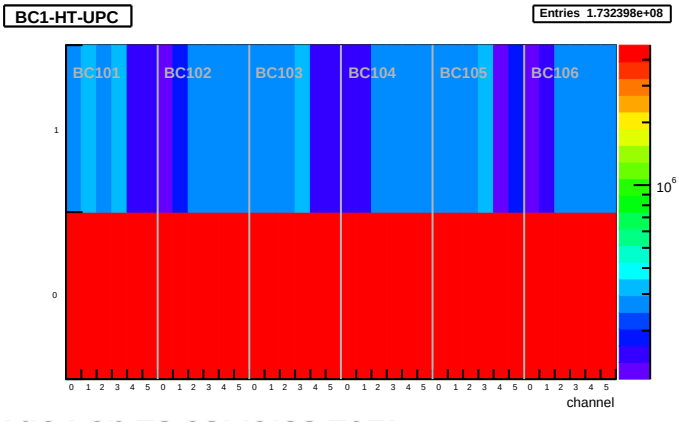

BC1-HT-th2-Diff
Entries 773768
BC101
BC102
BC103
BC104
BC105
BC106
channel

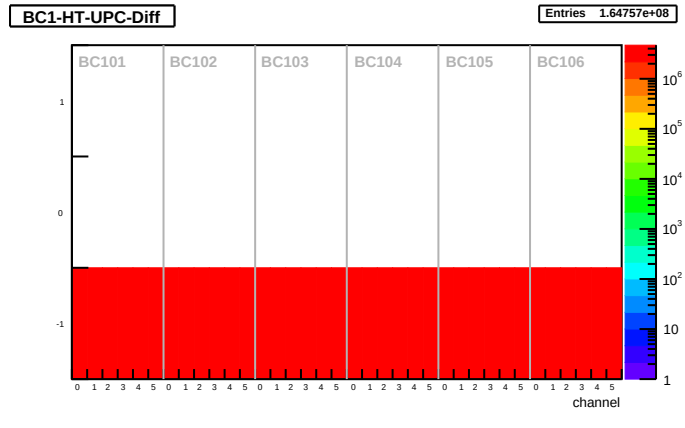

BC1-HT-th3
Entries 1.732398e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

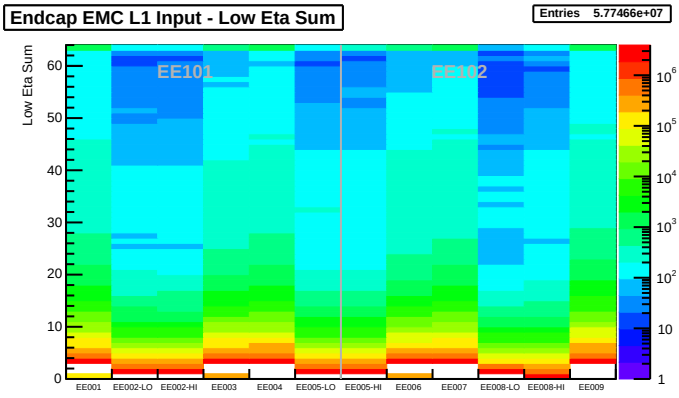

BC1-HT-th3-Diff
Entries 8306939
BC101
BC102
BC103
BC104
BC105
BC106
channel

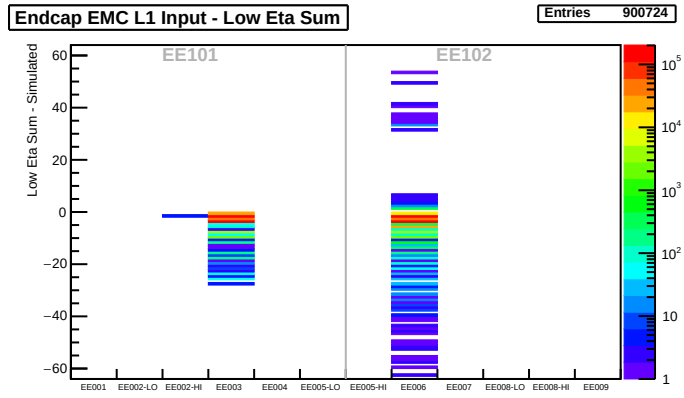

BC1-HT-th4
Entries 1.732398e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

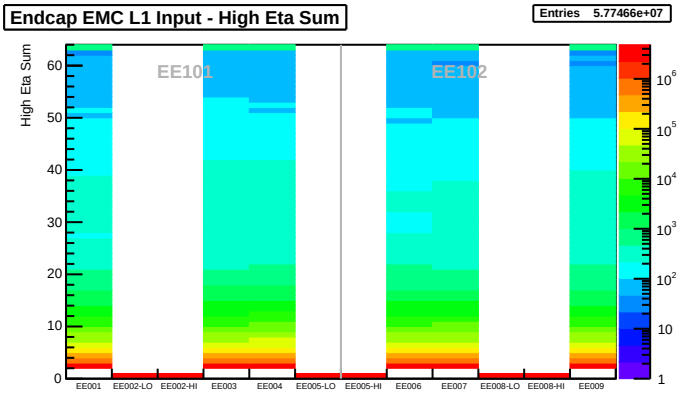

BC1-HT-th4-Diff
Entries 8455565
BC101
BC102
BC103
BC104
BC105
BC106
channel

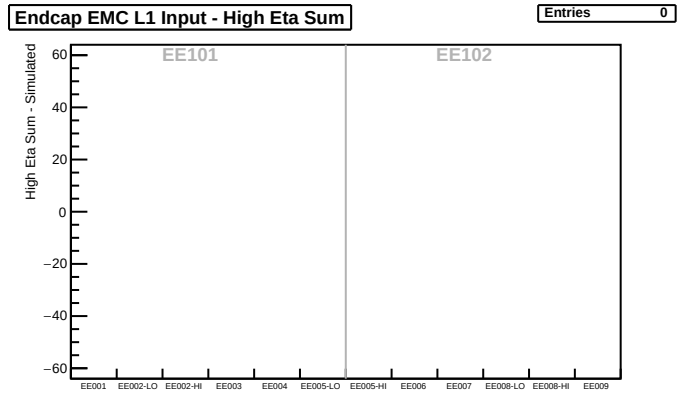

BC1-HT-UPC
Entries 1.732398e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

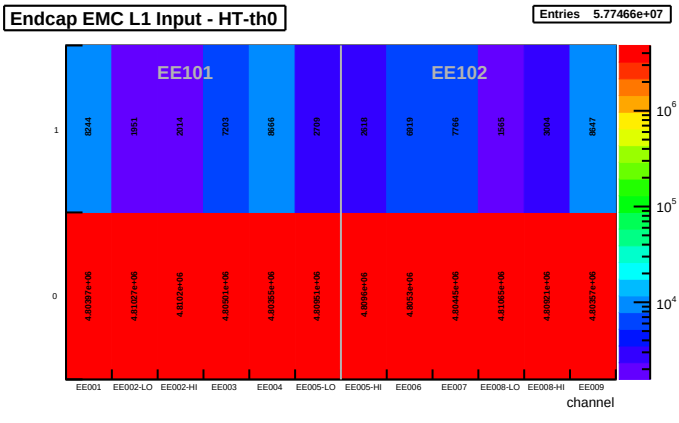

BC1-HT-UPC-Diff
Entries 1.64757e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

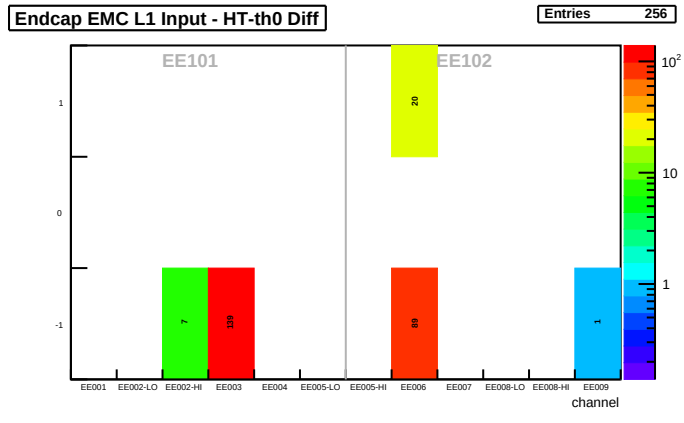

Endcap EMC L1 Input - Low Eta Sum
Entries 5.77466e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

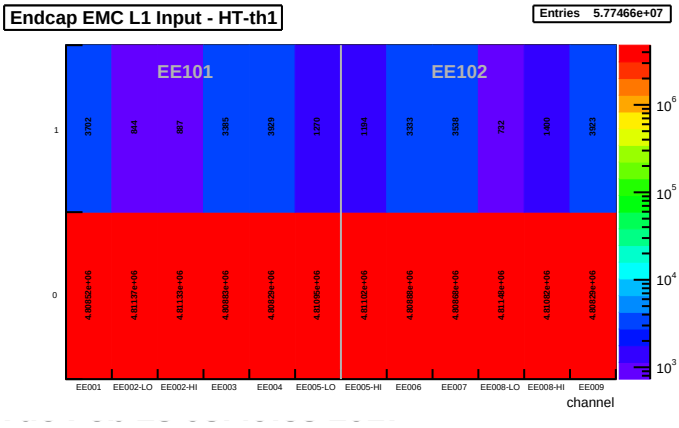

Endcap EMC L1 Input - Low Eta Sum
Entries 900724
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

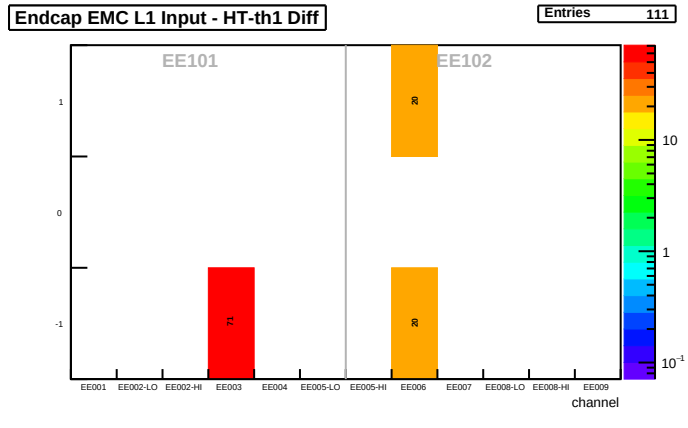

Endcap EMC L1 Input - High Eta Sum
Entries 5.77466e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

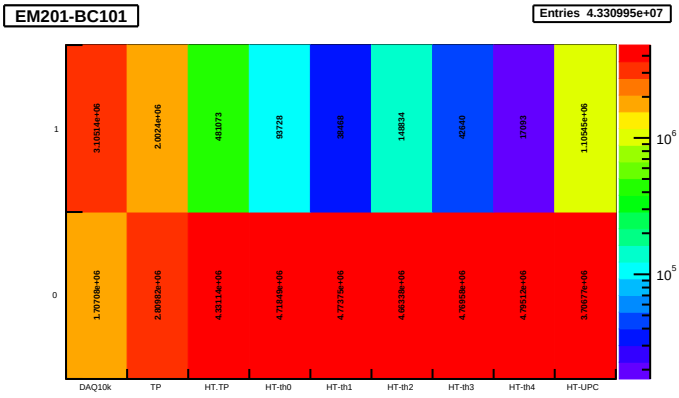

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

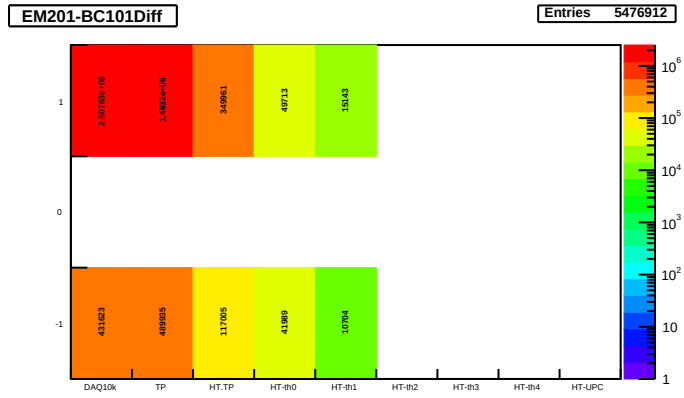

Endcap EMC L1 Input - HT-th0
Entries 5.77466e+07
EE101
EE102
8244 1951 2014 7203 8656 2709 2618 6919 7766 1565 3004 8647
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

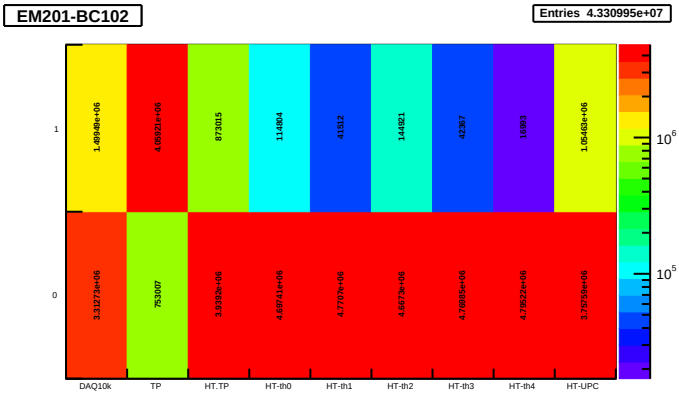

Endcap EMC L1 Input - HT-th0 Diff
Entries 256
EE101
EE102
20
7 139 89 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

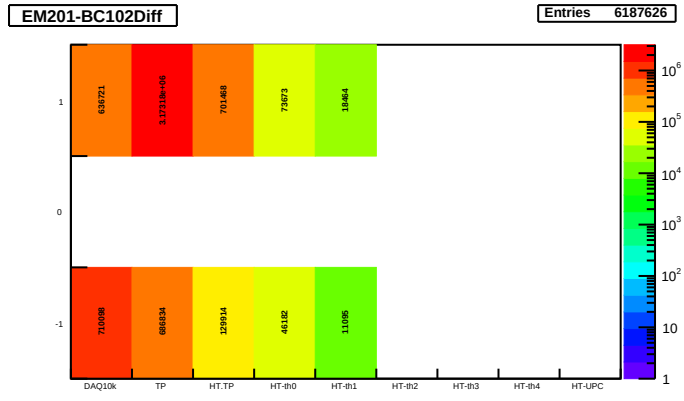

Endcap EMC L1 Input - HT-th1
Entries 5.77466e+07
EE101
EE102
3702 944 807 3385 3929 1270 1184 3333 3538 732 1400 3923
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

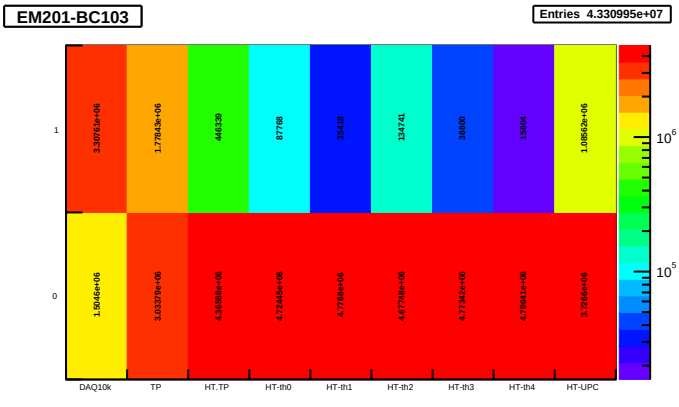

Endcap EMC L1 Input - HT-th1 Diff
Entries 111
EE101
EE102
20
71 20
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

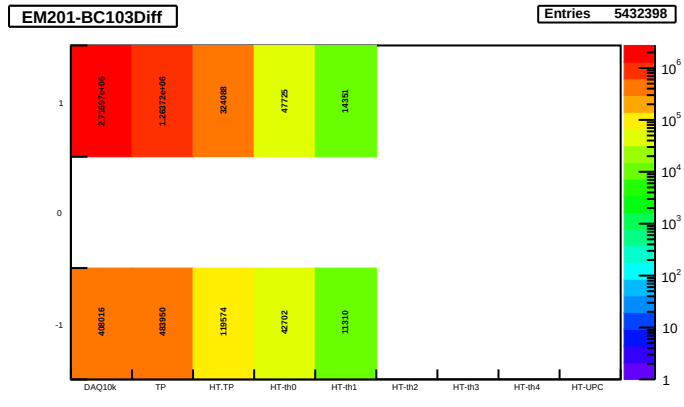

EM201-BC101
Entries 4.330995e+07
3.10514e+06
2.0024e+06
481973
83728
38468
148834
42640
17033
1.10545e+06
1.70708e+06
2.80982e+06
4.33114e+06
4.71849e+06
4.77375e+06
4.68338e+06
4.76958e+06
4.79512e+06
3.78672e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

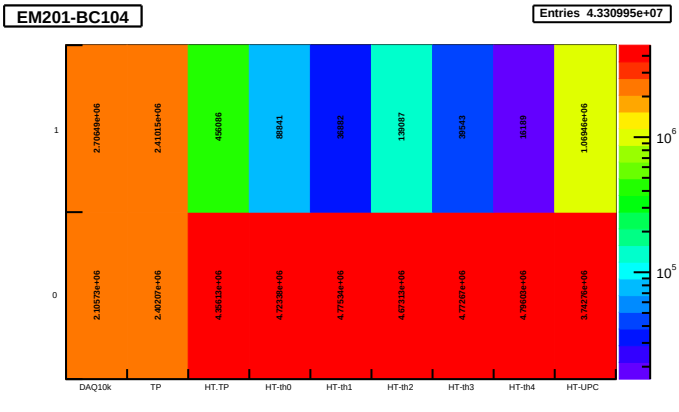

EM201-BC101Diff
Entries 5476912
2.50763e+06
1.4632e+06
349861
49713
15143
431623
489835
117005
41989
10704
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

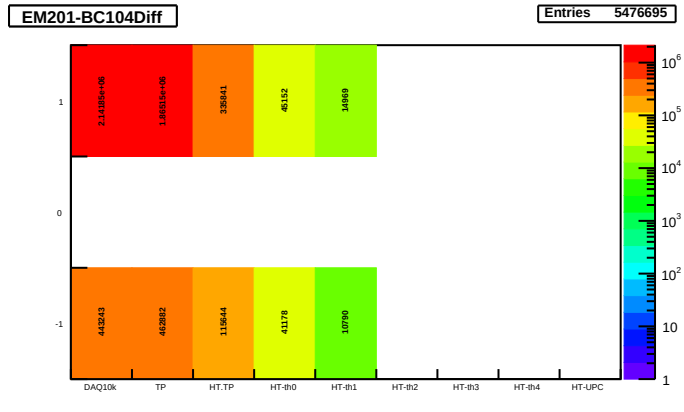

EM201-BC102
Entries 4.330995e+07
1.49946e+06
4.05921e+06
873015
114804
41512
144821
42367
16993
1.05462e+06
3.31273e+06
753007
3.9332e+06
4.69741e+06
4.7707e+06
4.66736e+06
4.76985e+06
4.78522e+06
3.75759e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 6187626
636721
3.17318e+06
701468
73673
19464
710098
686834
129914
46182
11095
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

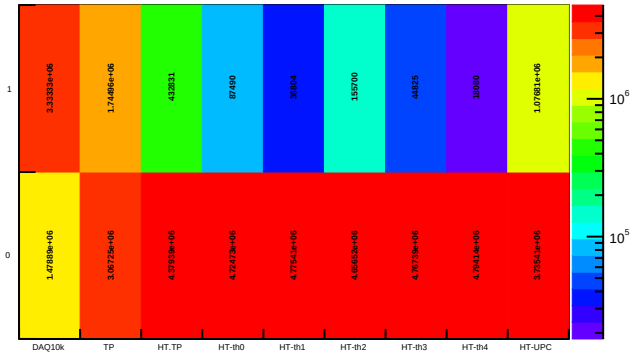

EM201-BC103
Entries 4.330995e+07
3.30761e+06
1.77843e+06
446339
87768
35418
134741
38300
15904
1.08563e+06
1.5046e+06
3.03379e+06
4.36988e+06
4.72445e+06
4.7768e+06
4.67748e+06
4.77342e+06
4.79641e+06
3.7266e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 5432398
2.71697e+06
1.26372e+06
324088
47725
14351
400016
489950
119574
42702
11310
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

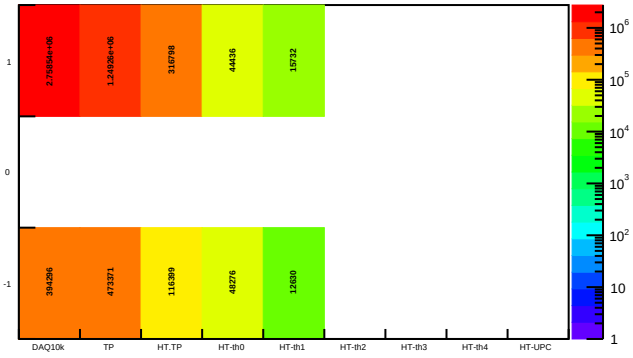

EM201-BC104
Entries 4.330995e+07
2.70949e+06
2.41015e+06
456086
88841
38882
130987
38943
16189
1.06946e+06
2.10573e+06
2.40207e+06
4.35613e+06
4.72338e+06
4.77534e+06
4.67133e+06
4.77207e+06
4.79603e+06
3.74278e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 5476695
2.14385e+06
1.86515e+06
336841
45152
14969
443243
462882
115644
41178
10790
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

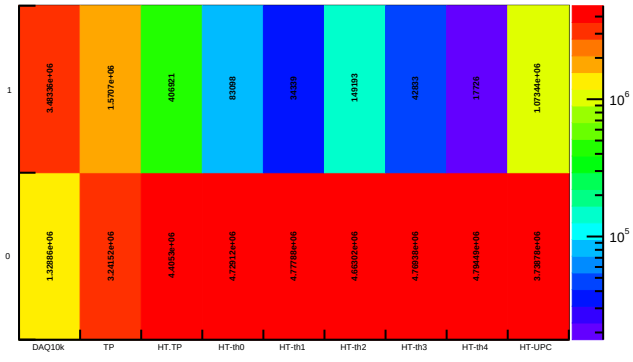
EM201-BC105 Entries 4.330995e+07



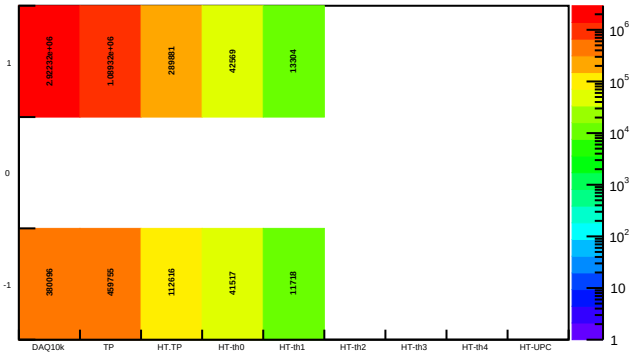
EM201-BC105Diff Entries 5429740



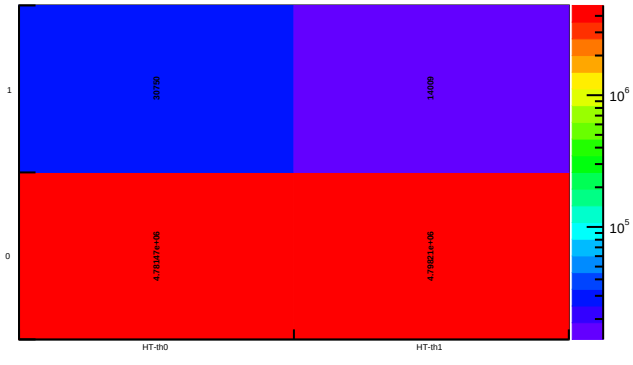
EM201-BC106 Entries 4.330995e+07



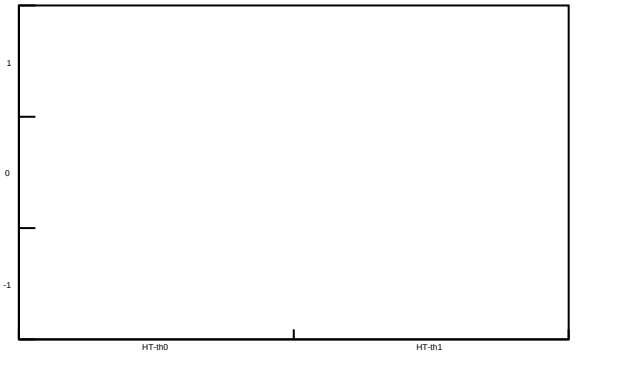
EM201-BC106Diff Entries 5363094



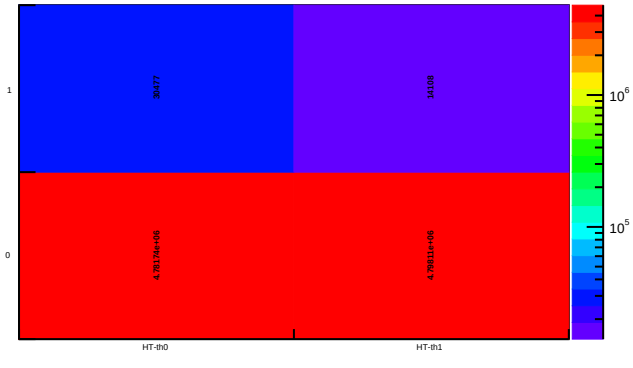
EM201-EE101 Entries 9624434



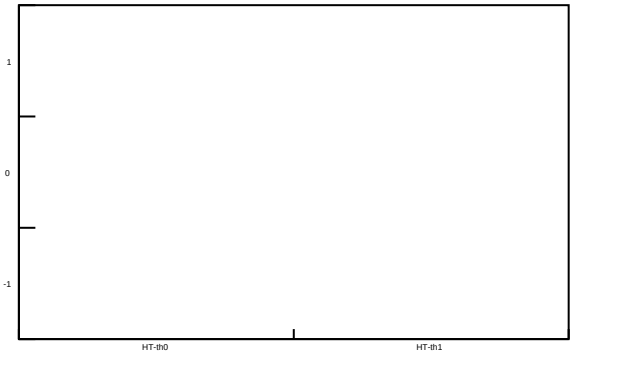
EM201-EE101Diff Entries 0

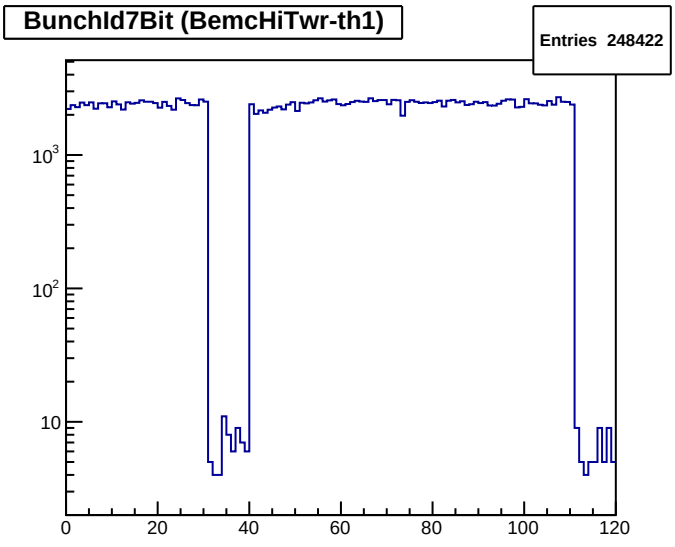


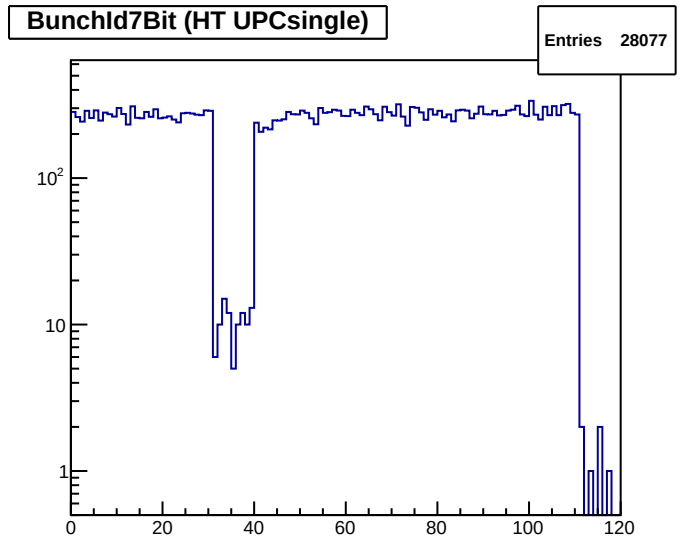
EM201-EE102 Entries 9624434

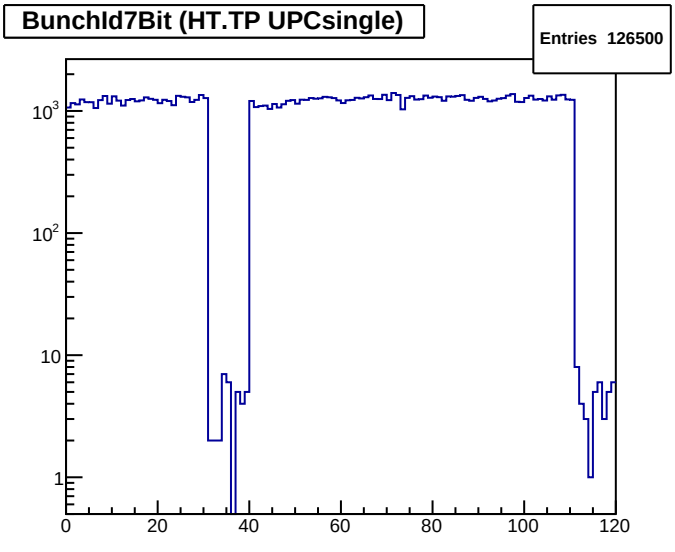


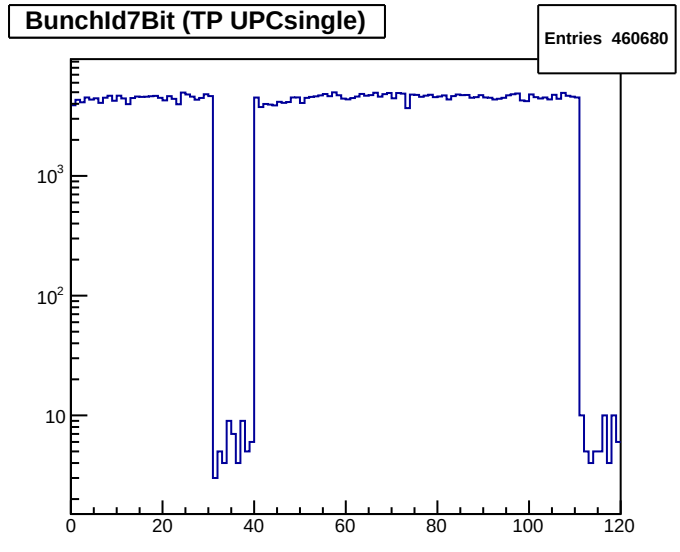
EM201-EE102Diff Entries 0

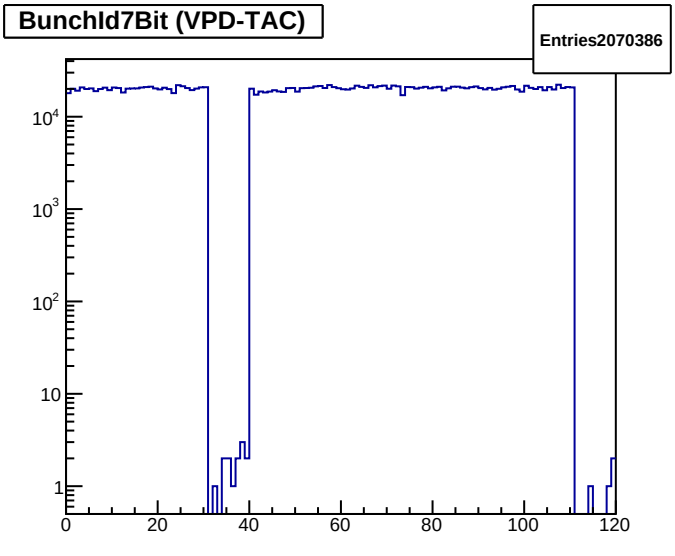


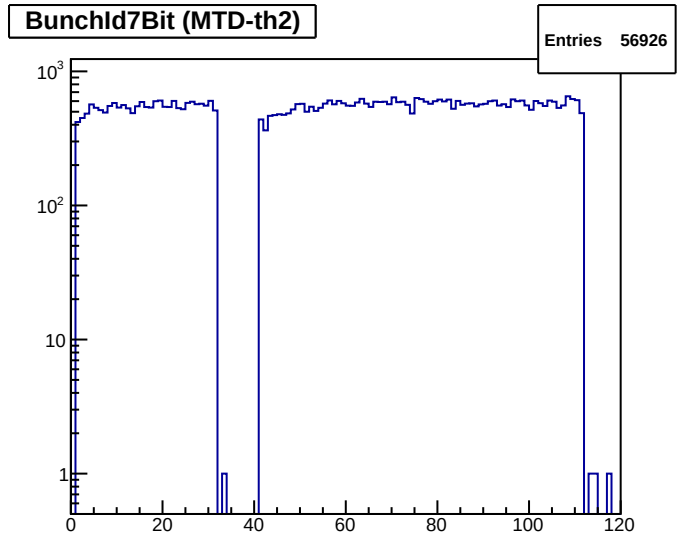

BunchId7Bit (BemcHiTwr-th1)
Entries 248422
10^3
10^2
10
0 20 40 60 80 100 120

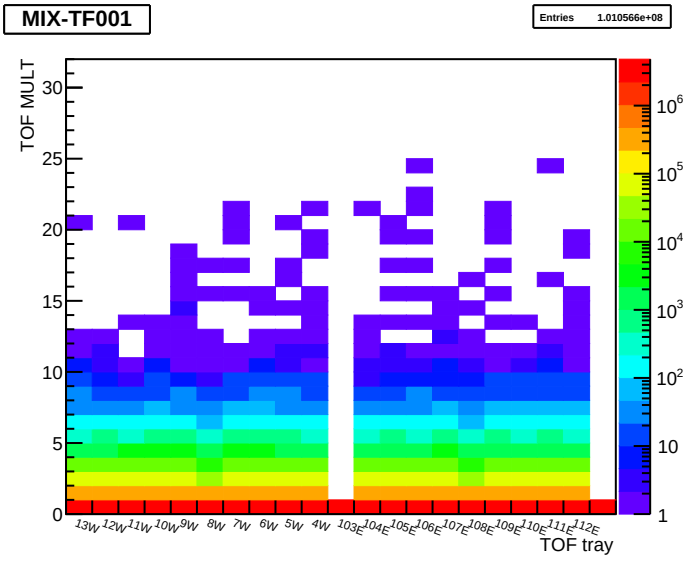

BunchId7Bit (HT UPCsingle)
Entries 28077
10^2
10
1
0 20 40 60 80 100 120

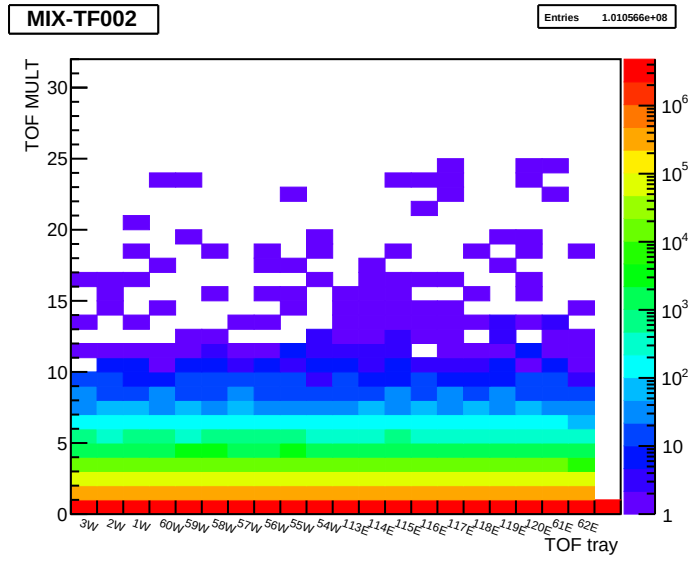

BunchId7Bit (HT.TP UPCsingle)
Entries 126500
10^3
10^2
10
1
0 20 40 60 80 100 120

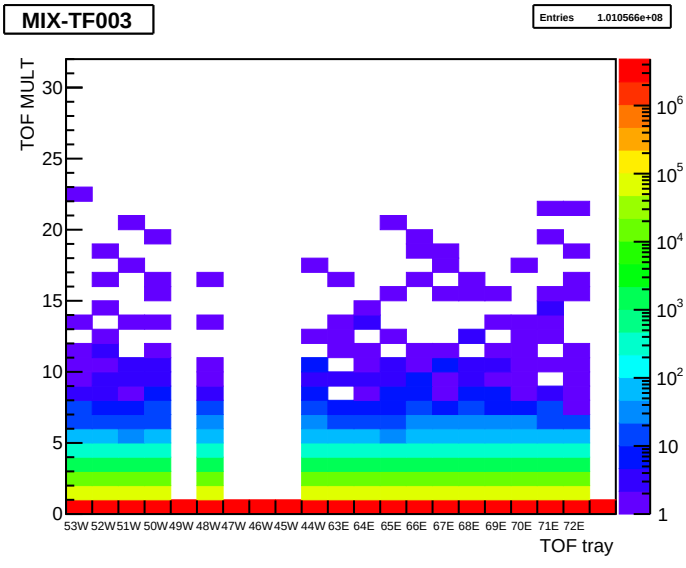

BunchId7Bit (TP UPCsingle)
Entries 460680
10^3
10^2
10
0 20 40 60 80 100 120

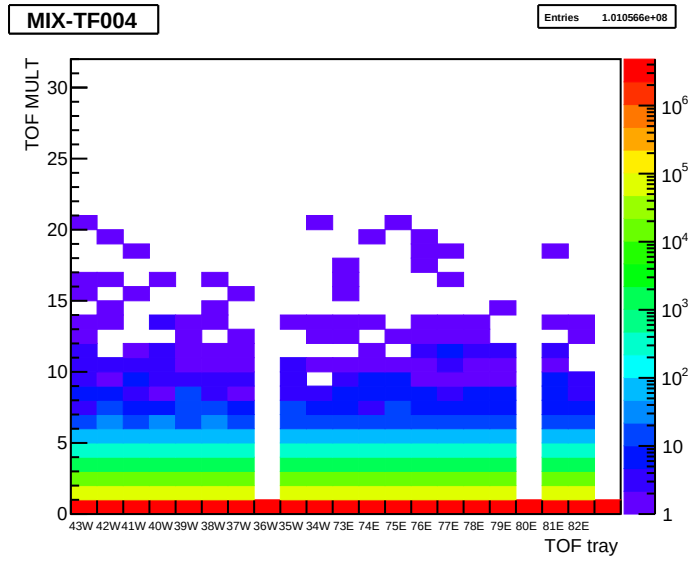

BunchId7Bit (VPD-TAC)
Entries2070386
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

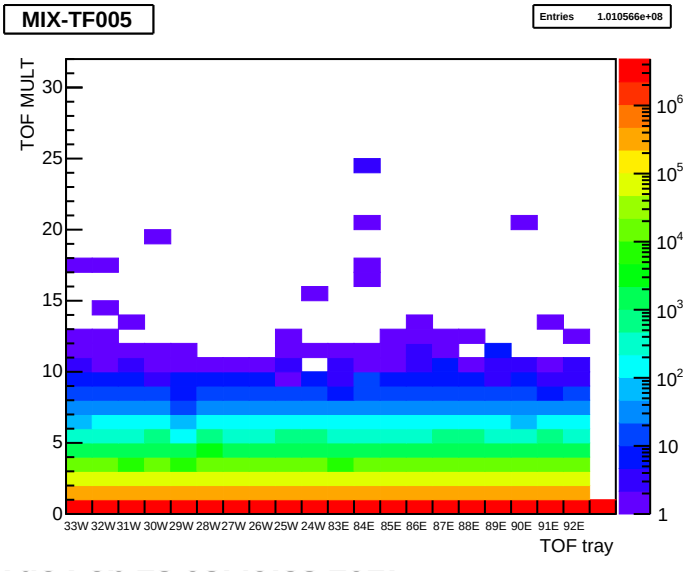

BunchId7Bit (MTD-th2)
Entries 56926
10^3
10^2
10
1
0 20 40 60 80 100 120

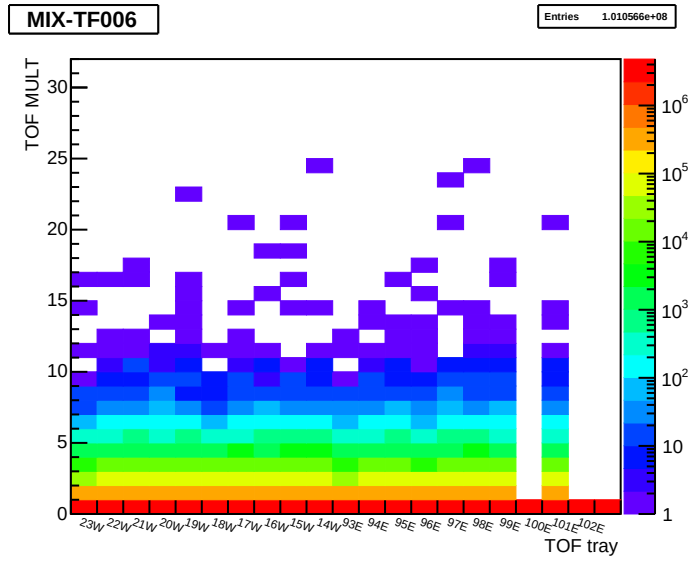

MIX-TF001
Entries 1.010566e+08
TOF MULT
TOF tray

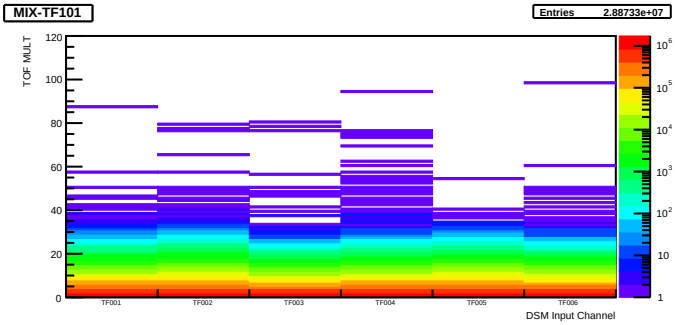

MIX-TF002
Entries 1.010566e+08
TOF MULT
TOF tray

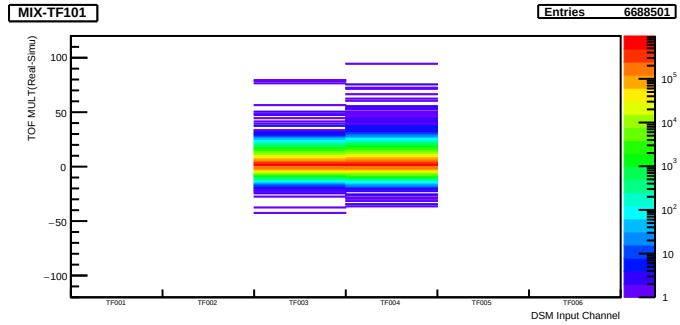

MIX-TF003
Entries 1.010566e+08
TOF MULT
TOF tray

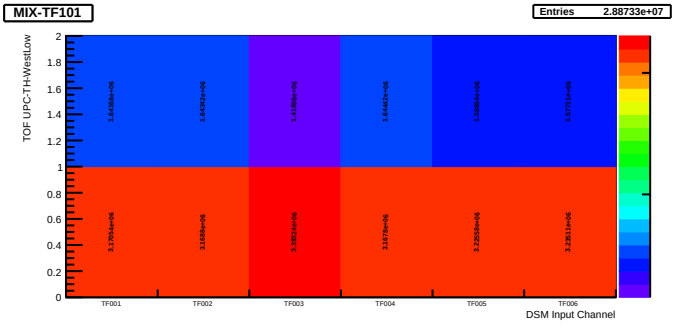

MIX-TF004
Entries 1.010566e+08
TOF MULT
TOF tray

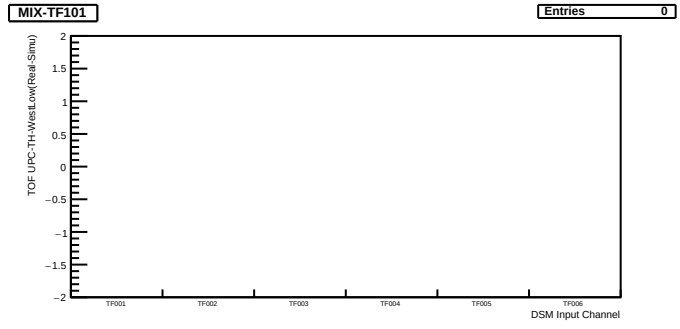

MIX-TF005
Entries 1.010566e+08
TOF MULT
TOF tray

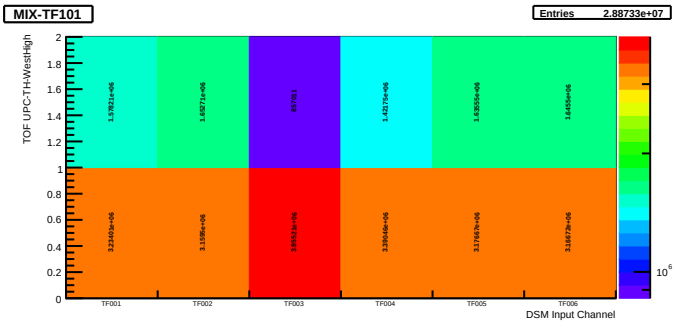

MIX-TF006
Entries 1.010566e+08
TOF MULT
TOF tray

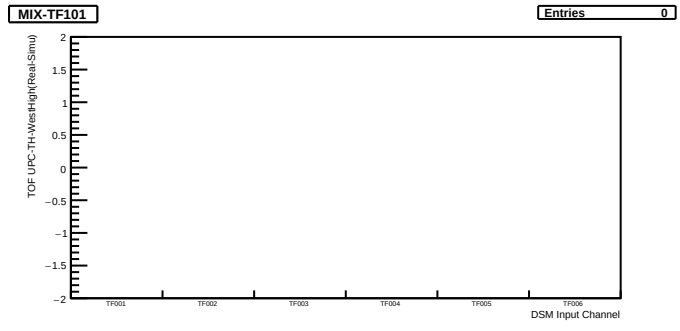

MIX-TF101
Entries 2.88733e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

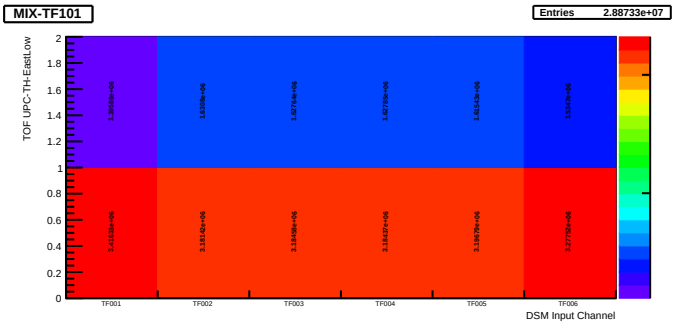

MIX-TF101
Entries 6688501
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

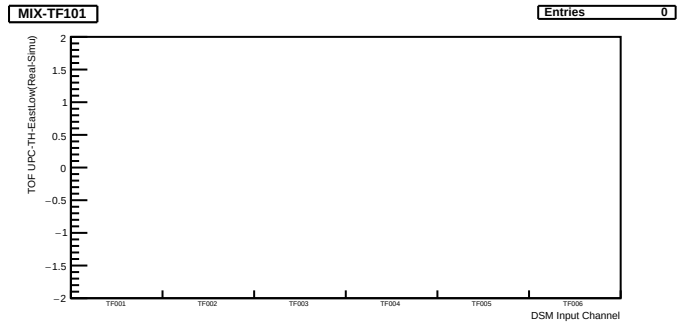

MIX-TF101
Entries 2.88733e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

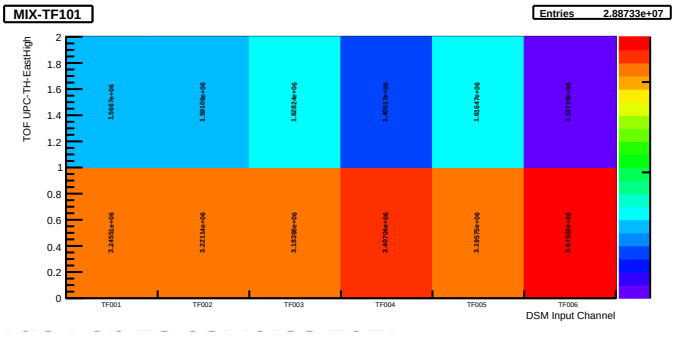

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

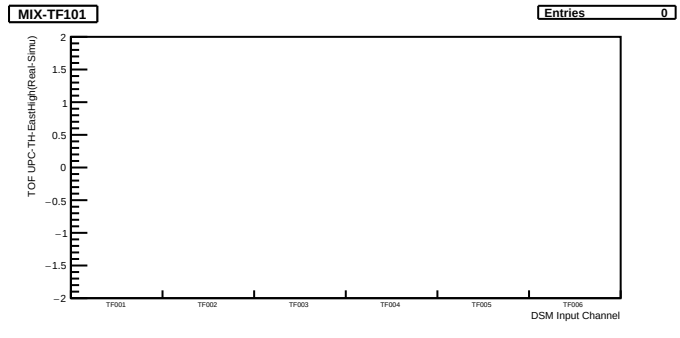

MIX-TF101
Entries 2.88733e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

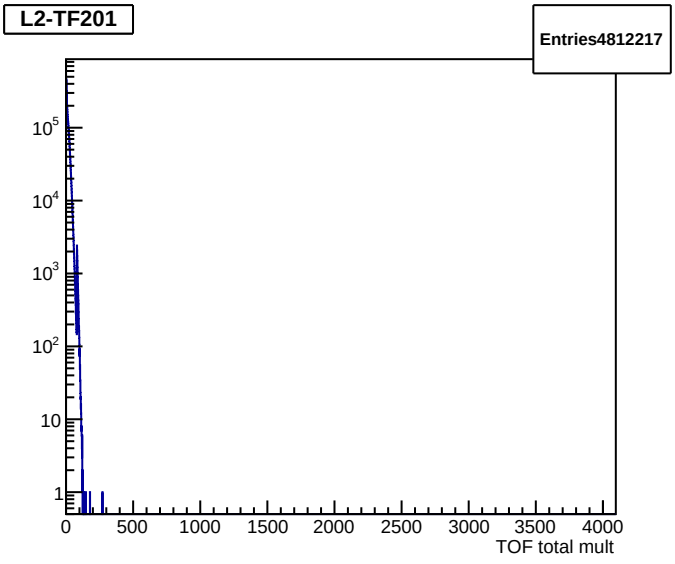

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

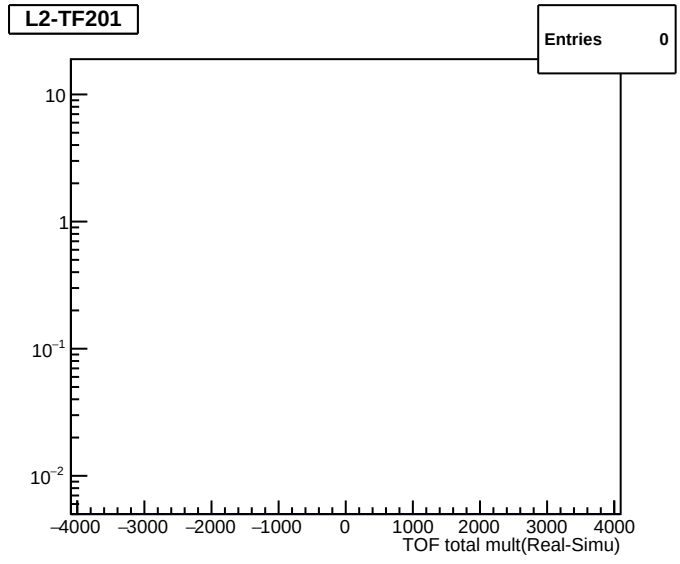

MIX-TF101
Entries 2.88733e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

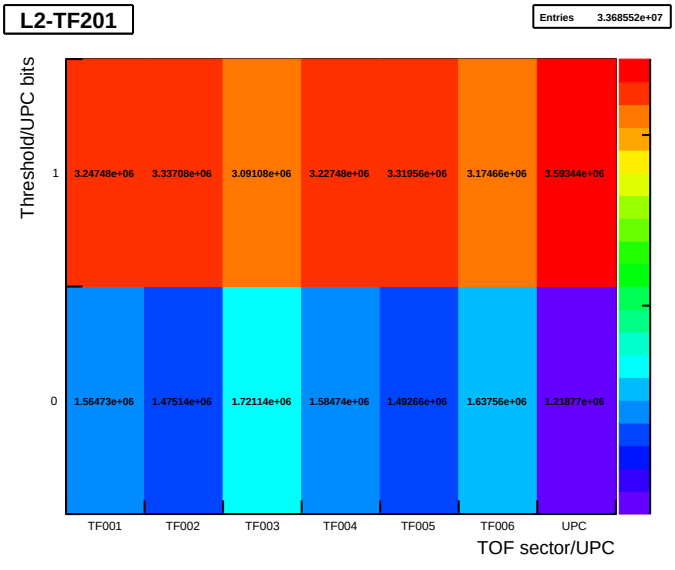

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

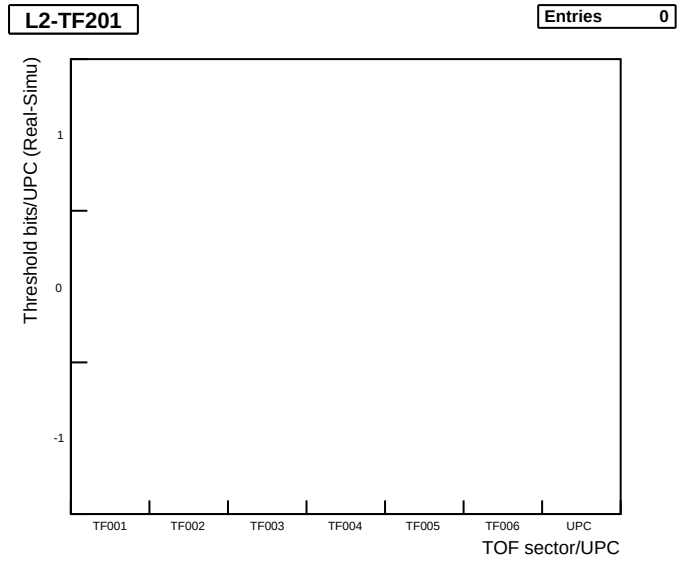

MIX-TF101
Entries 2.88733e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

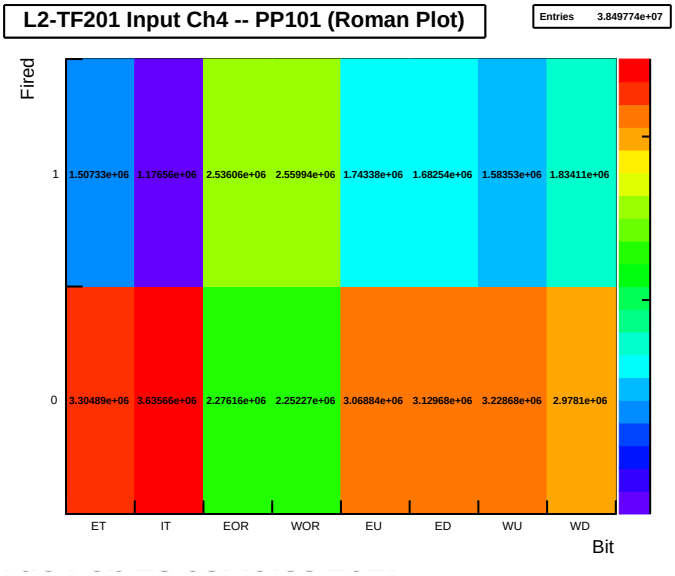

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

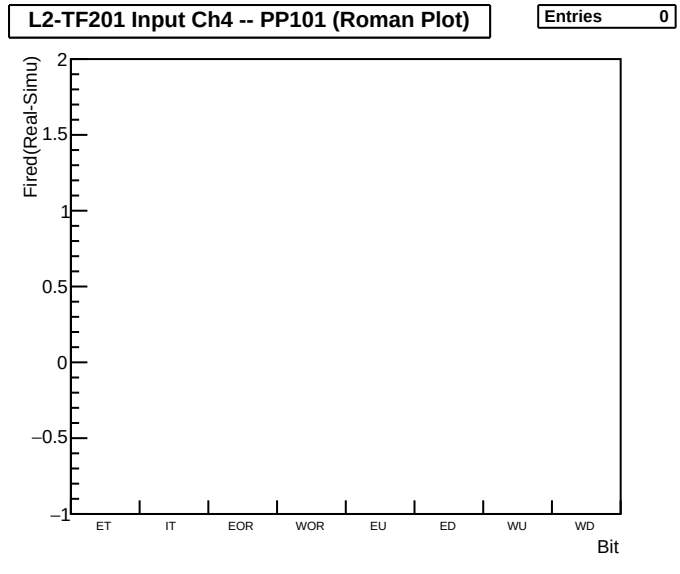

L2-TF201
Entries4812217
TOF total mult

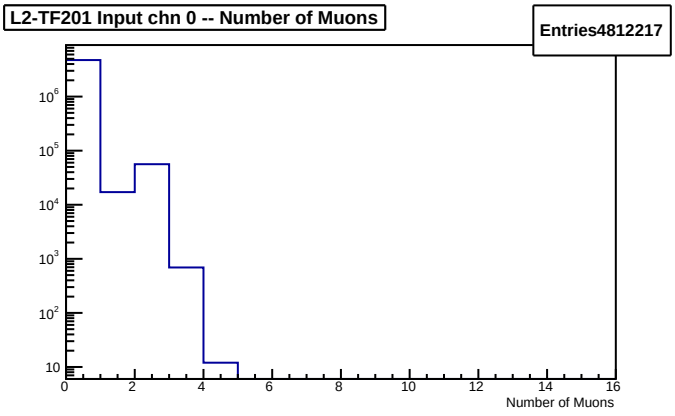

L2-TF201
Entries 0
TOF total mult(Real-Simu)

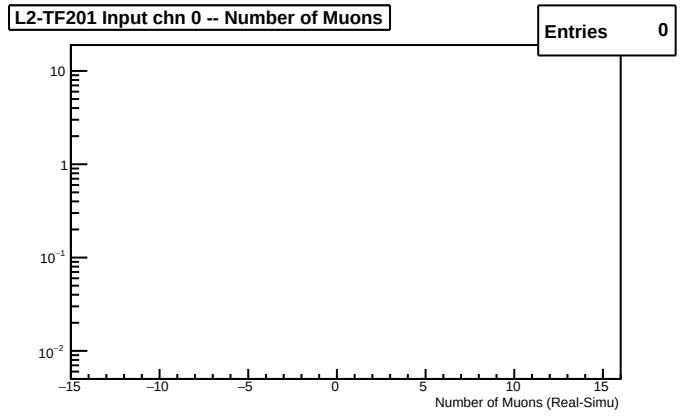

L2-TF201
Entries 3.368552e+07
Threshold/UPC bits
3.24748e+06
3.33708e+06
3.09108e+06
3.22748e+06
3.31956e+06
3.17466e+06
3.59344e+06
1.56473e+06
1.47514e+06
1.72114e+06
1.58474e+06
1.49266e+06
1.63756e+06
1.21877e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

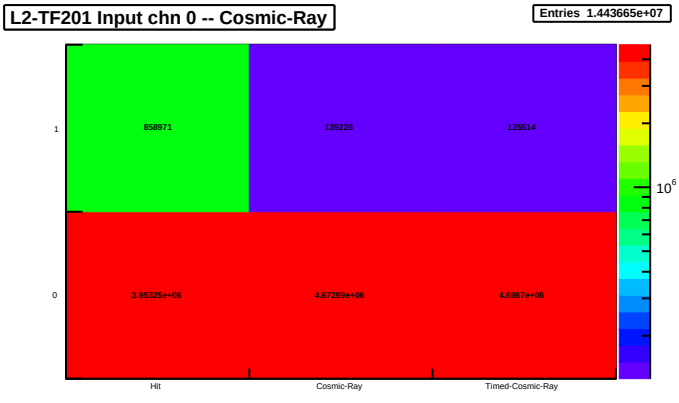

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

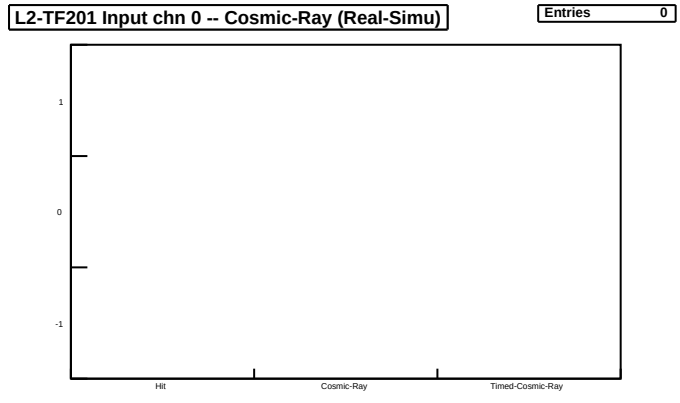

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.849774e+07
Fired
1.50733e+06
1.17656e+06
2.53606e+06
2.55994e+06
1.74338e+06
1.68254e+06
1.58353e+06
1.83411e+06
3.30489e+06
3.63566e+06
2.27616e+06
2.25227e+06
3.06884e+06
3.12968e+06
3.22868e+06
2.9781e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

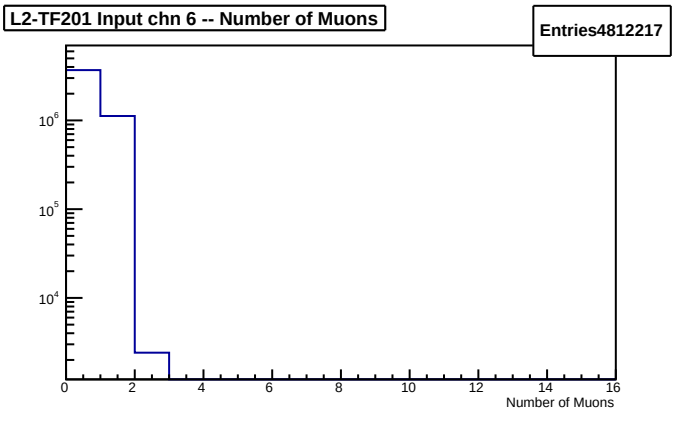

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

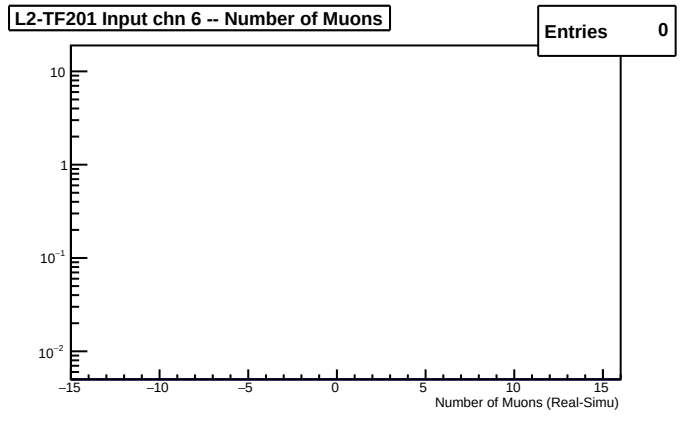

L2-TF201 Input chn 0 -- Number of Muons
Entries4812217
Number of Muons

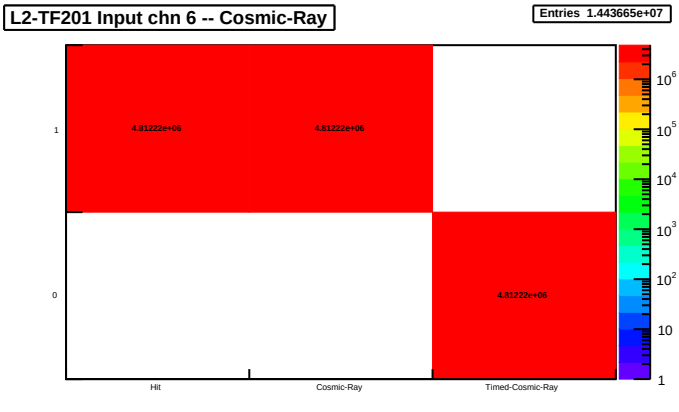

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

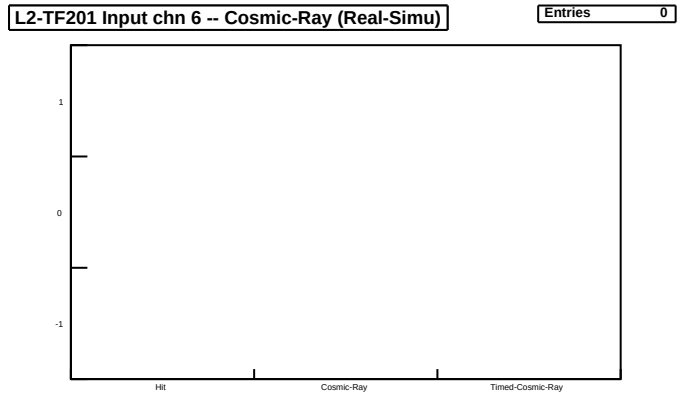

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.443665e+07
858971
139226
125514
3.95325e+06
4.67299e+06
4.6867e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

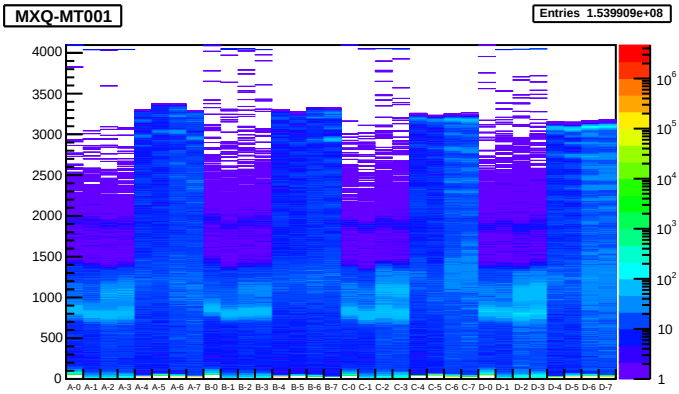

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

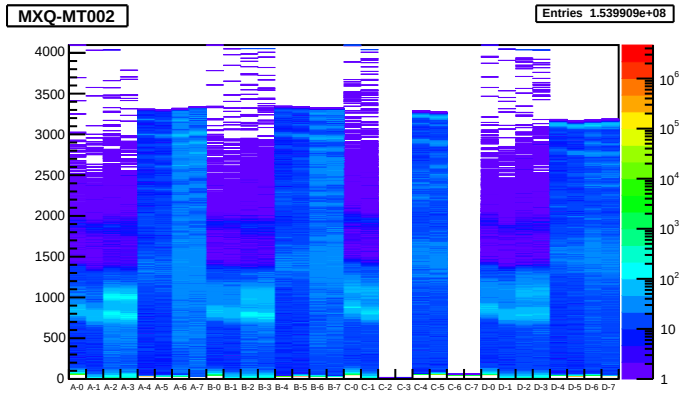

L2-TF201 Input chn 6 -- Number of Muons
Entries4812217
Number of Muons

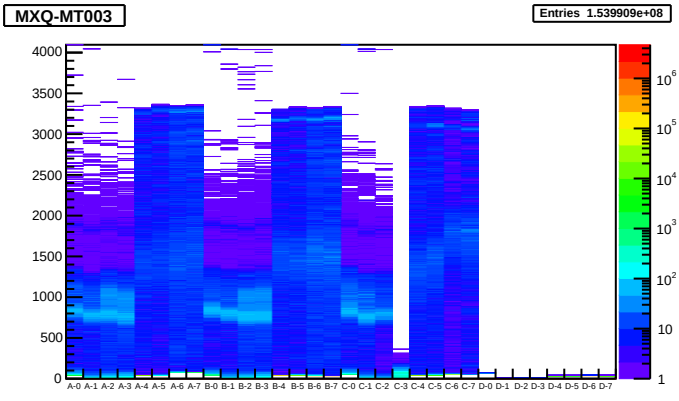

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

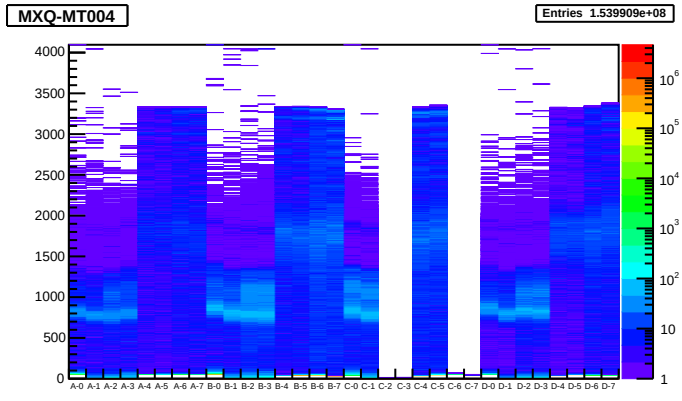

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.443665e+07
4.81222e+06
4.81222e+06
4.81222e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

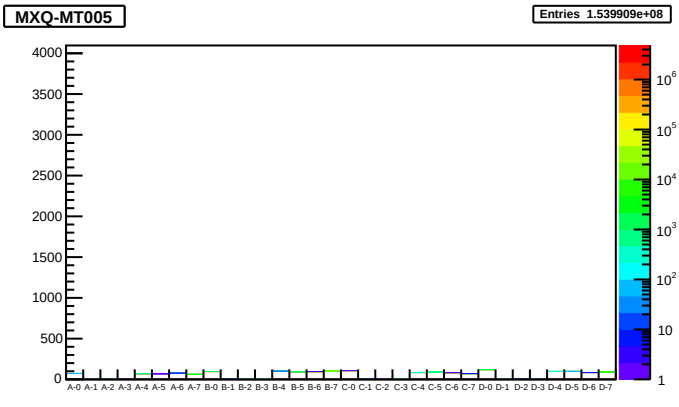

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

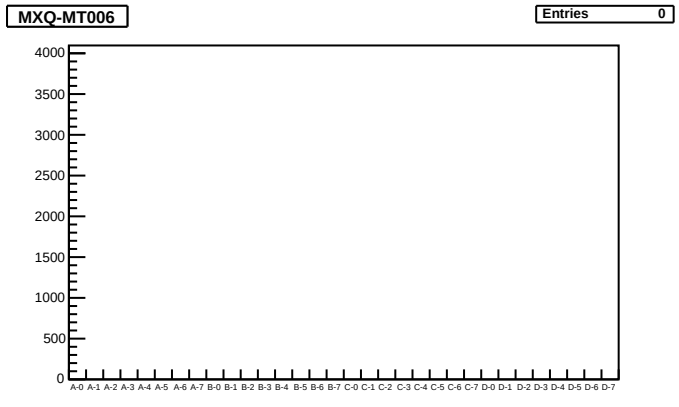

MXQ-MT001
Entries 1.539909e+08

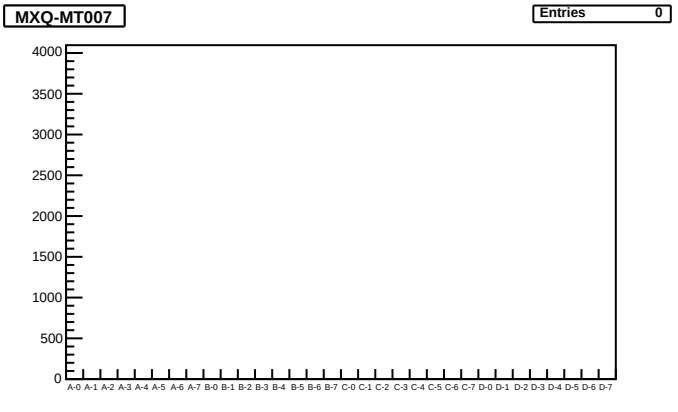

MXQ-MT002
Entries 1.539909e+08

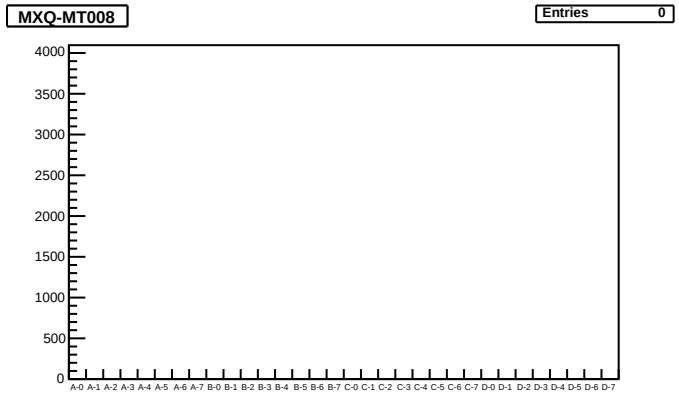

MXQ-MT003
Entries 1.539909e+08

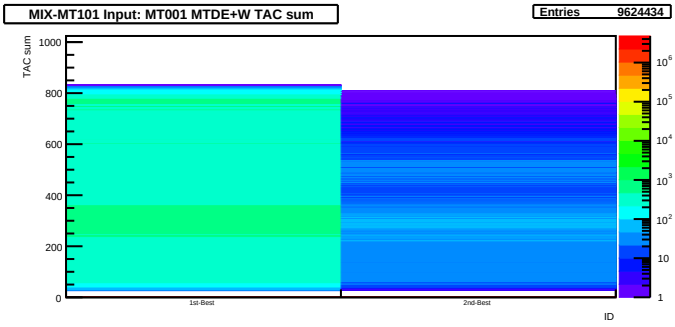

MXQ-MT004
Entries 1.539909e+08

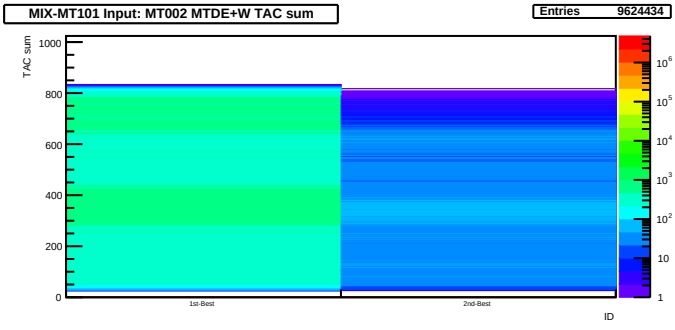

MXQ-MT005
Entries 1.539909e+08

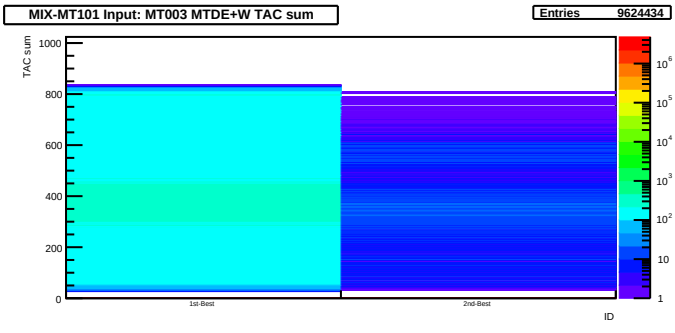

MXQ-MT006
Entries 0

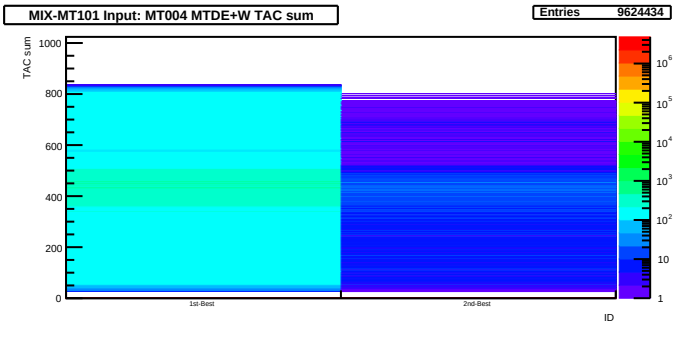

MXQ-MT007
Entries 0

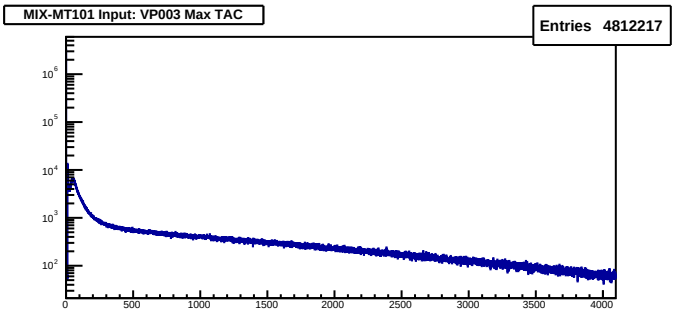

MXQ-MT008
Entries 0

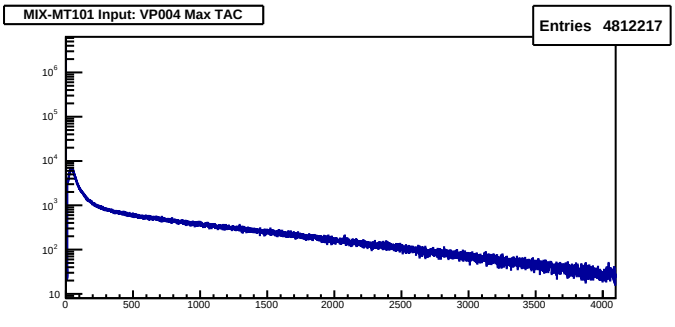

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9624434
TAC sum
1st-Best
2nd-Best
ID

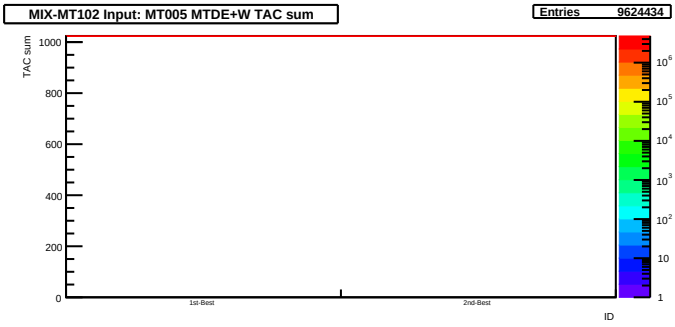

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9624434
TAC sum
1st-Best
2nd-Best
ID

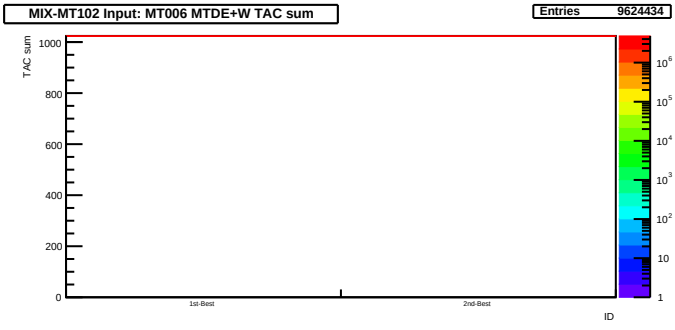

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9624434
TAC sum
1st-Best
2nd-Best
ID

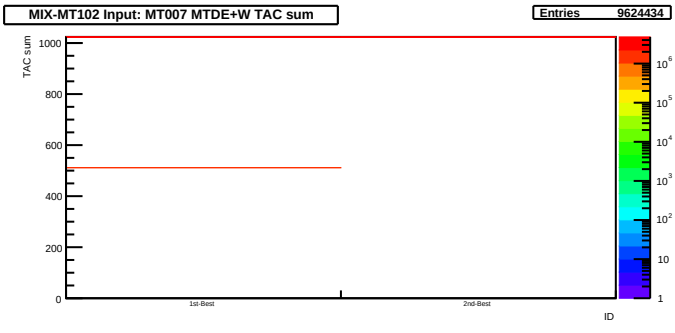

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9624434
TAC sum
1st-Best
2nd-Best
ID

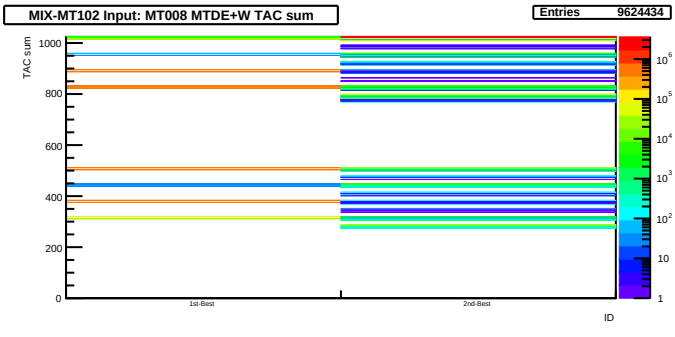

MIX-MT101 Input: VP003 Max TAC
Entries 4812217

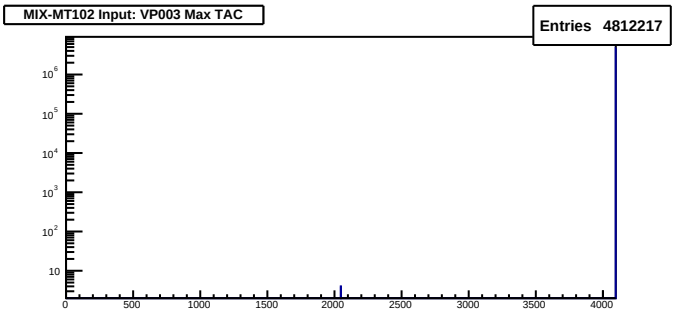

MIX-MT101 Input: VP004 Max TAC
Entries 4812217

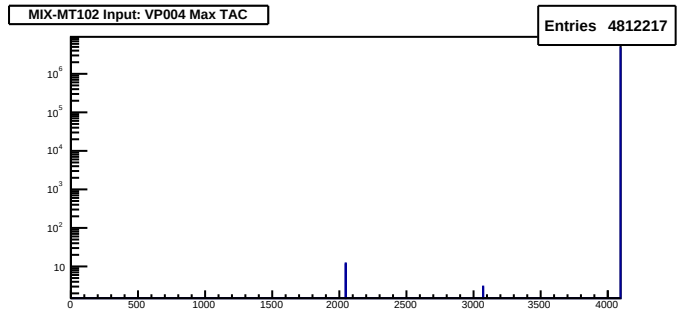

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 9624434
TAC sum
1st-Best
2nd-Best
ID

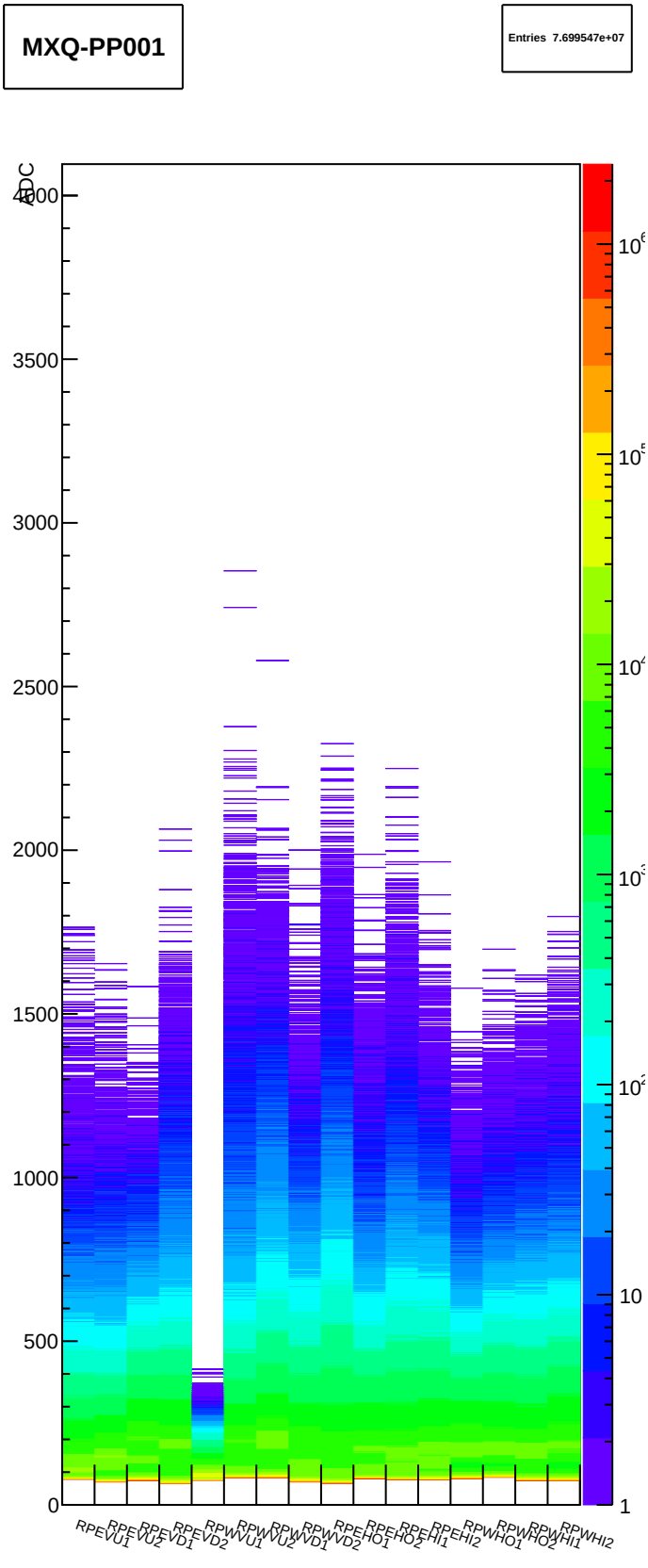

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 9624434
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 9624434
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 9624434
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 4812217


MIX-MT102 Input: VP004 Max TAC
Entries 4812217


MXQ-PP001
Entries 7.699547e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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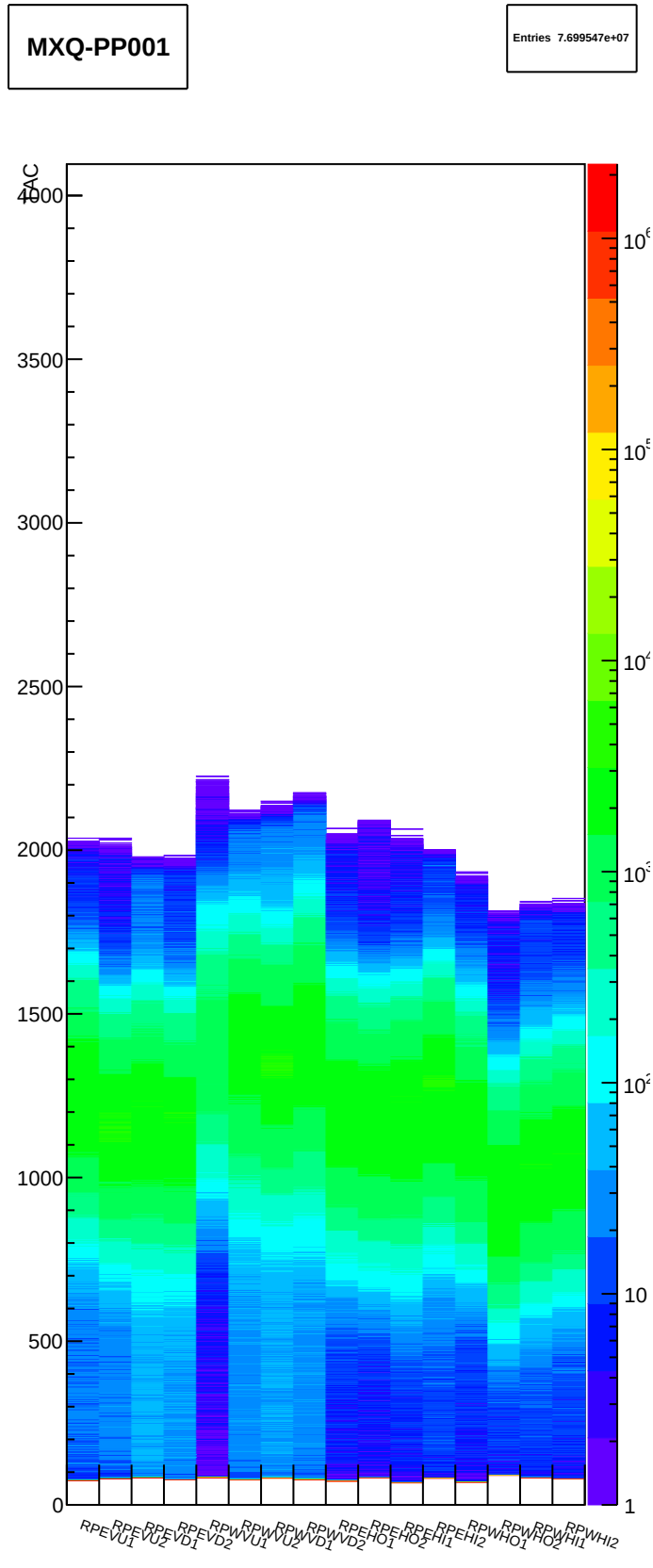
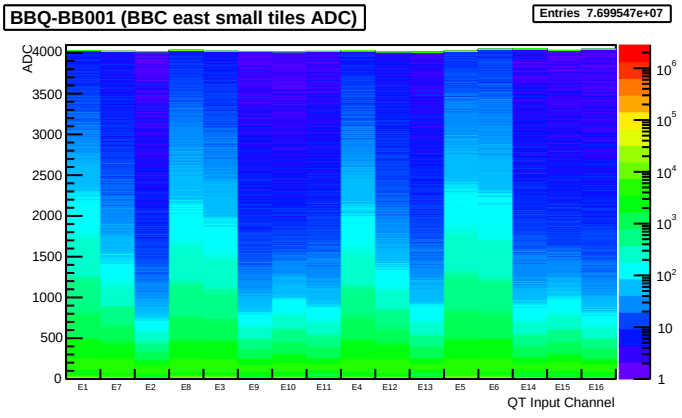
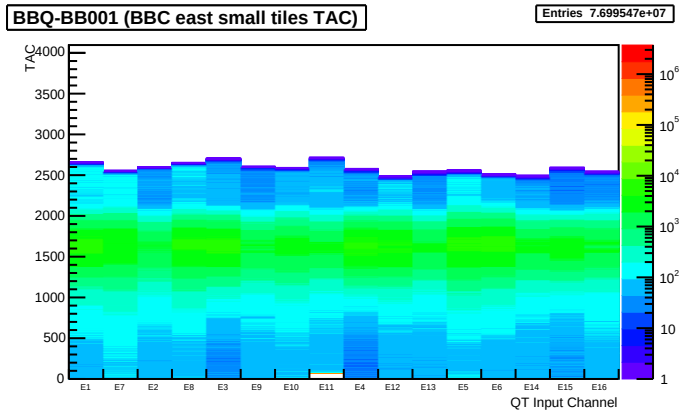
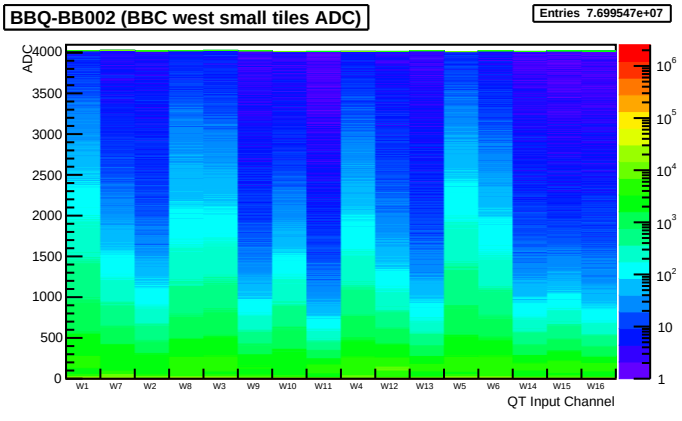
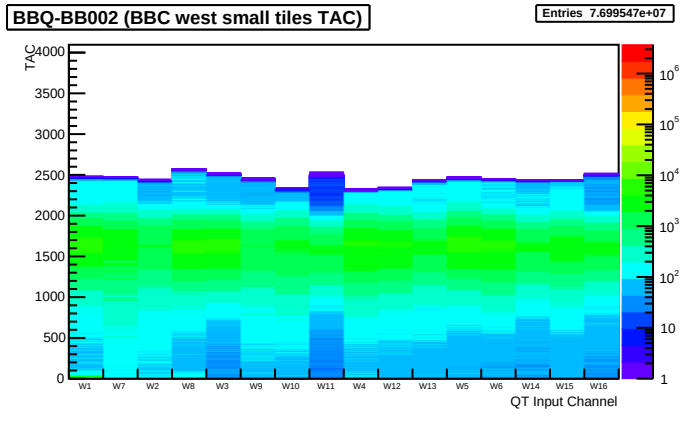
RPWHO2
RPWHI1
RPWHI2
1
10

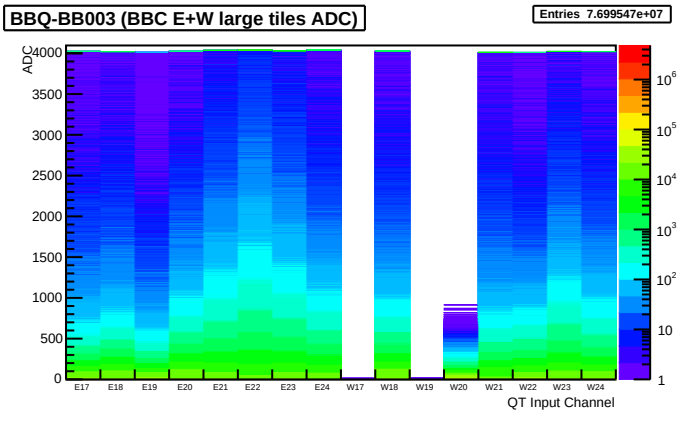

MXQ-PP001
Entries 7.699547e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

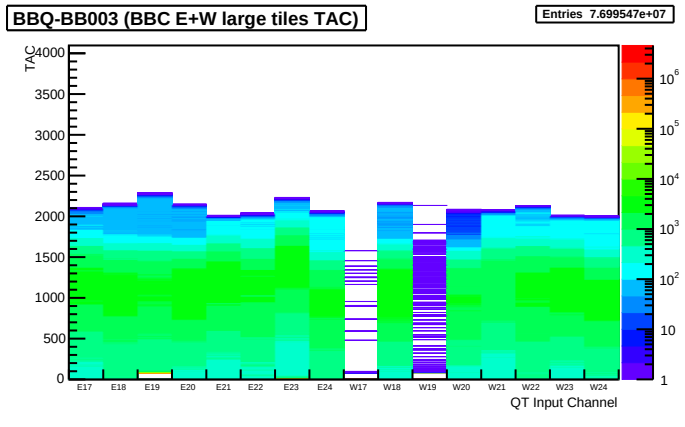

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.699547e+07
ADC
QT Input Channel

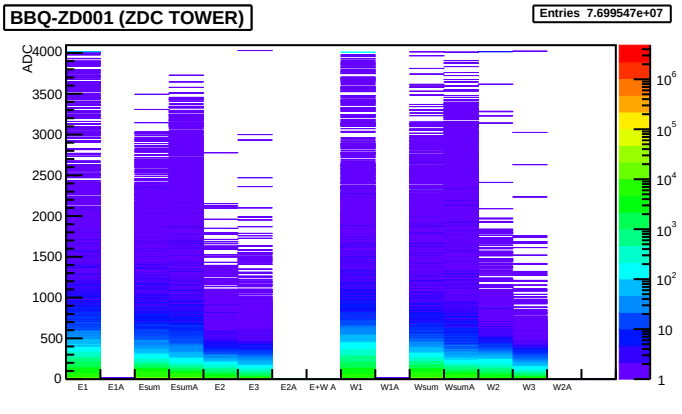

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.699547e+07
TAC
QT Input Channel

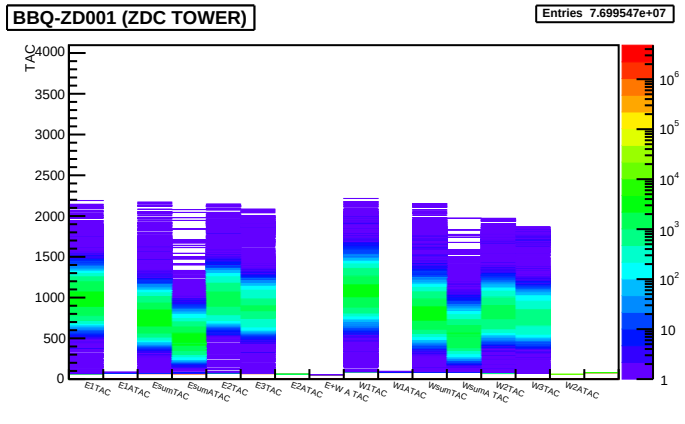

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.699547e+07
ADC
QT Input Channel

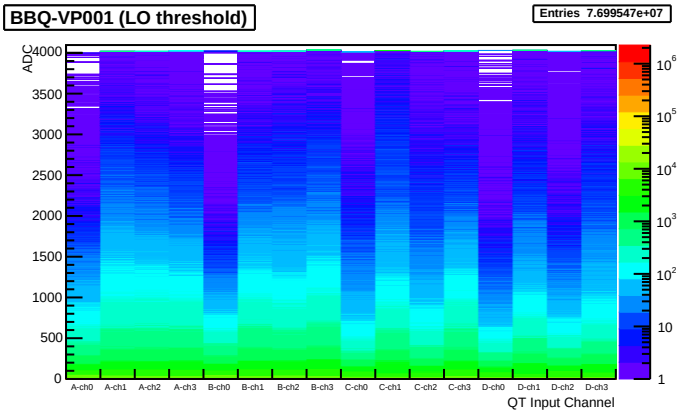

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.699547e+07
TAC
QT Input Channel

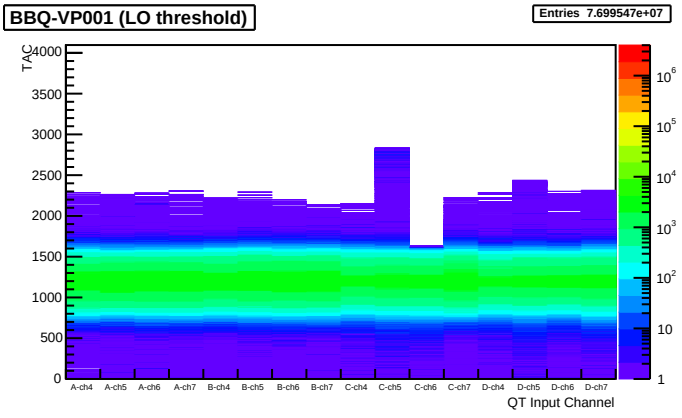

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.699547e+07
ADC
QT Input Channel

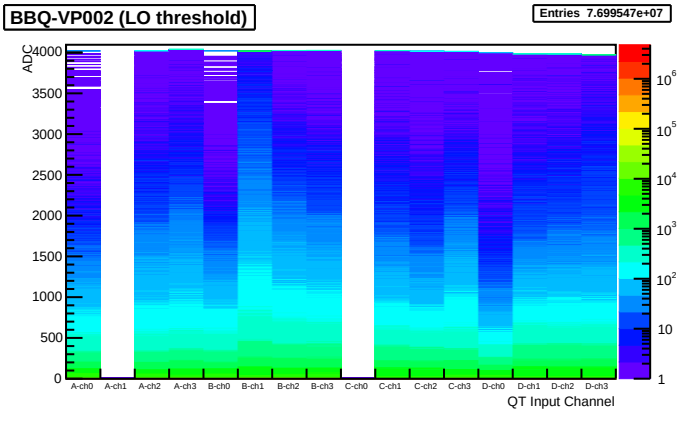

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.699547e+07
TAC
QT Input Channel

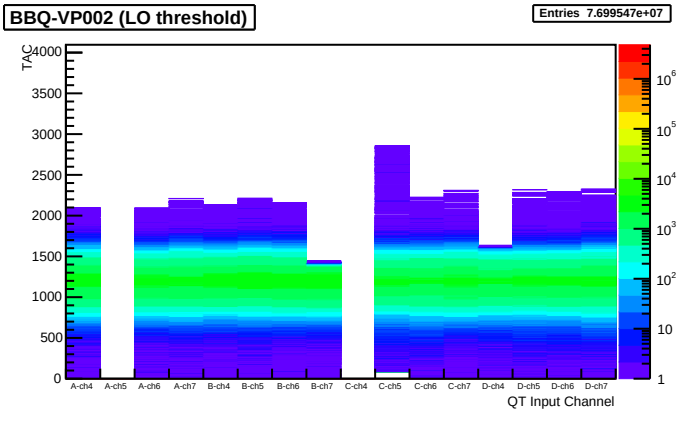

BBQ-ZD001 (ZDC TOWER)
Entries 7.699547e+07
ADC

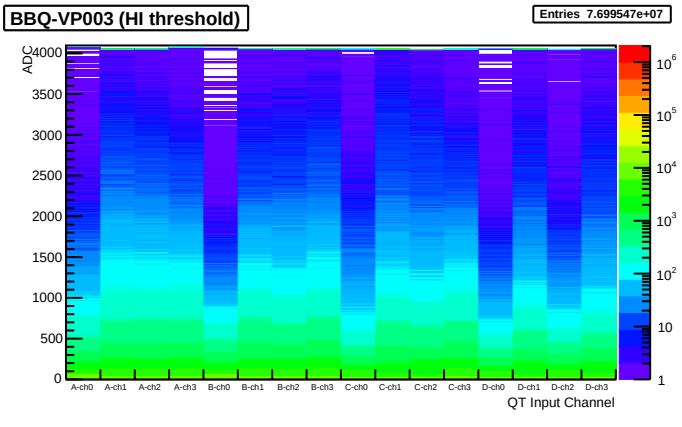

BBQ-ZD001 (ZDC TOWER)
Entries 7.699547e+07
TAC

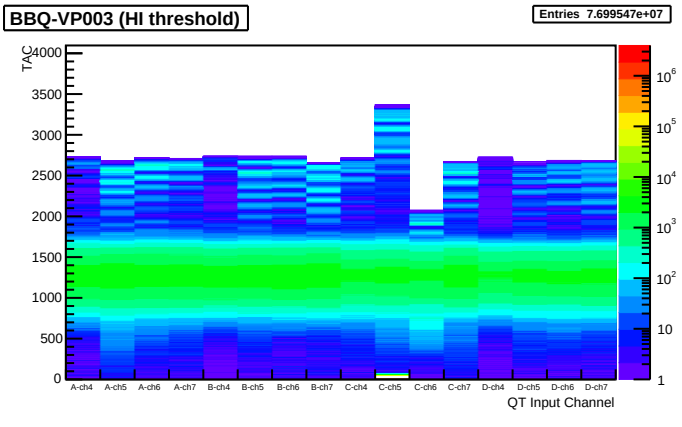

BBQ-VP001 (LO threshold)
Entries 7.699547e+07
ADC
QT Input Channel

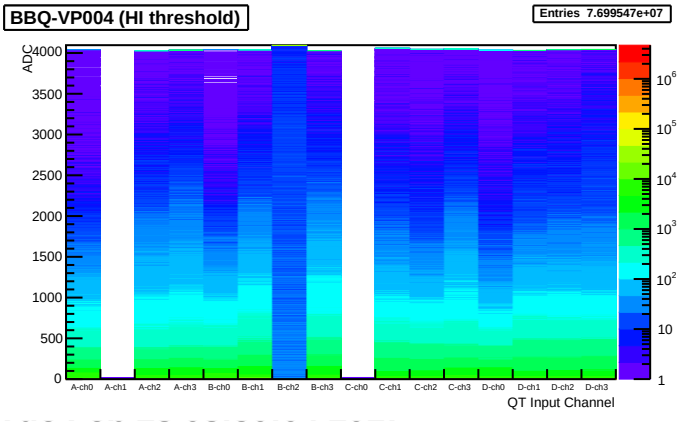

BBQ-VP001 (LO threshold)
Entries 7.699547e+07
TAC
QT Input Channel

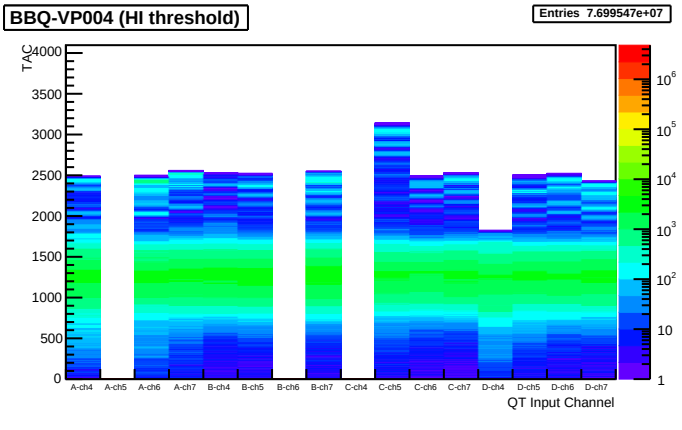

BBQ-VP002 (LO threshold)
Entries 7.699547e+07
ADC
QT Input Channel

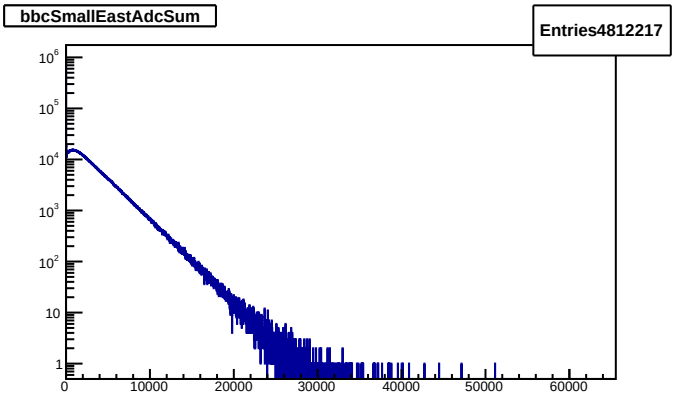

BBQ-VP002 (LO threshold)
Entries 7.699547e+07
TAC
QT Input Channel

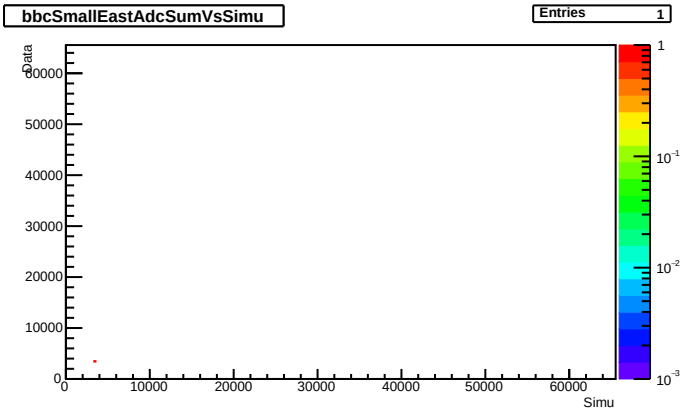

BBQ-VP003 (HI threshold)
Entries 7.699547e+07
ADC
QT Input Channel

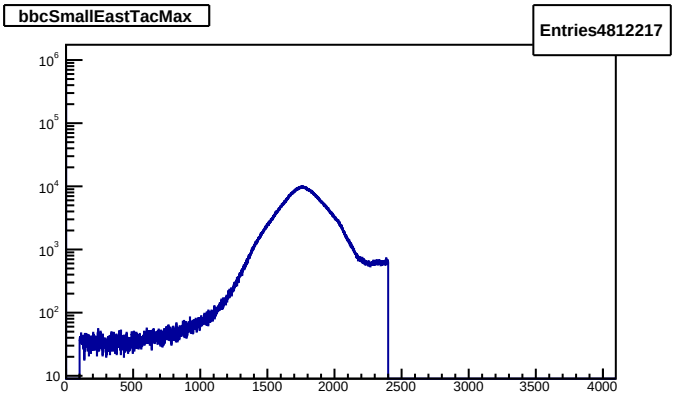

BBQ-VP003 (HI threshold)
Entries 7.699547e+07
TAC
QT Input Channel

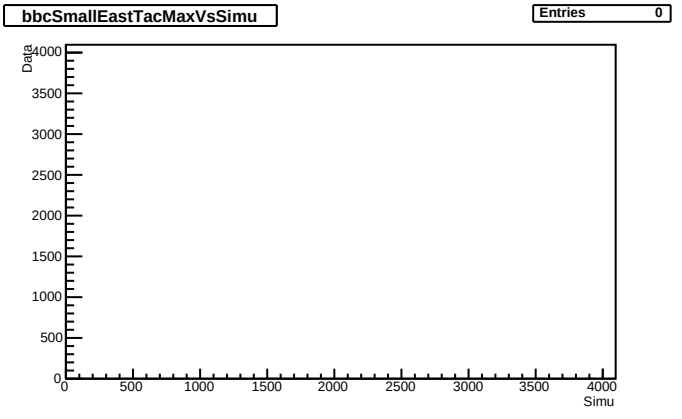

BBQ-VP004 (HI threshold)
Entries 7.699547e+07
ADC
QT Input Channel

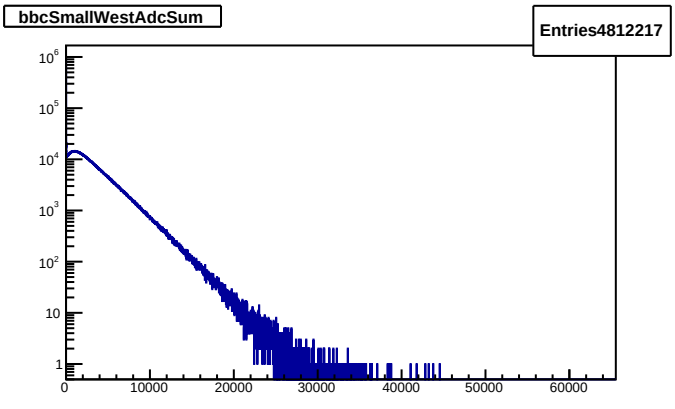

BBQ-VP004 (HI threshold)
Entries 7.699547e+07
TAC
QT Input Channel

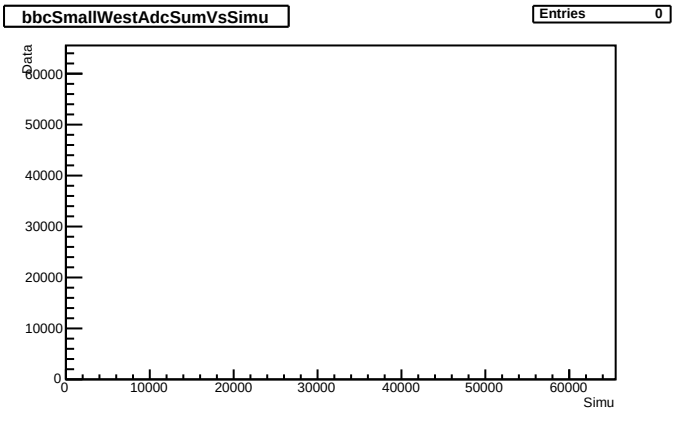

bbcSmallEastAdcSum
Entries4812217

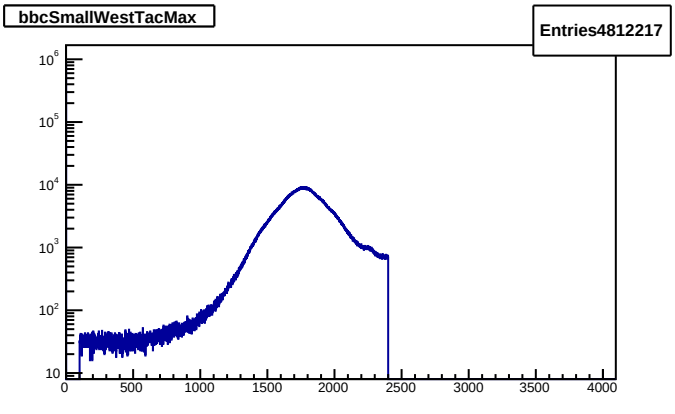

bbcSmallEastAdcSumVsSimu
Entries 1
Data
Simu

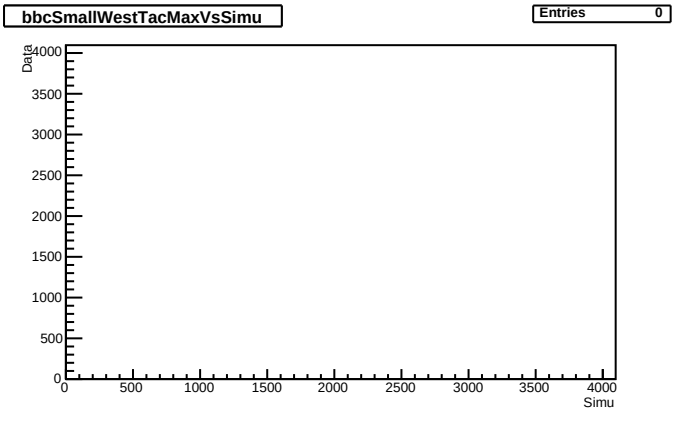

bbcSmallEastTacMax
Entries4812217

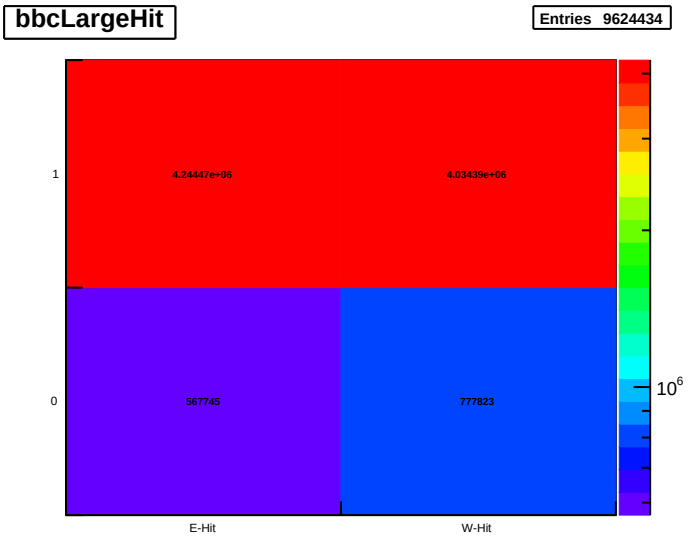

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

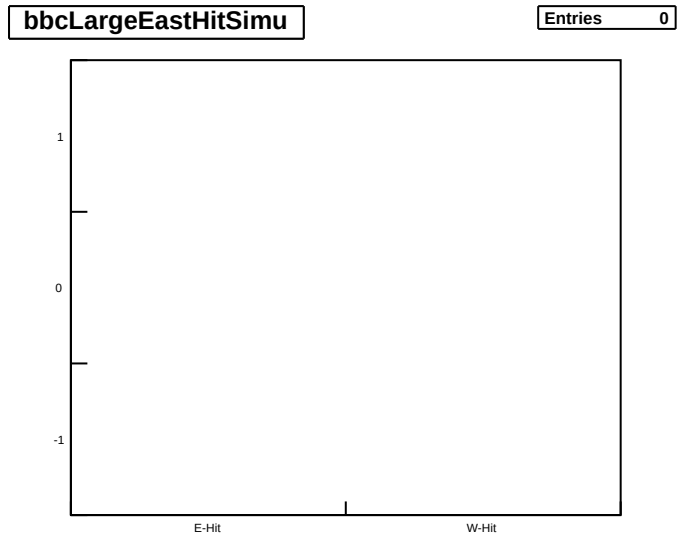

bbcSmallWestAdcSum
Entries4812217

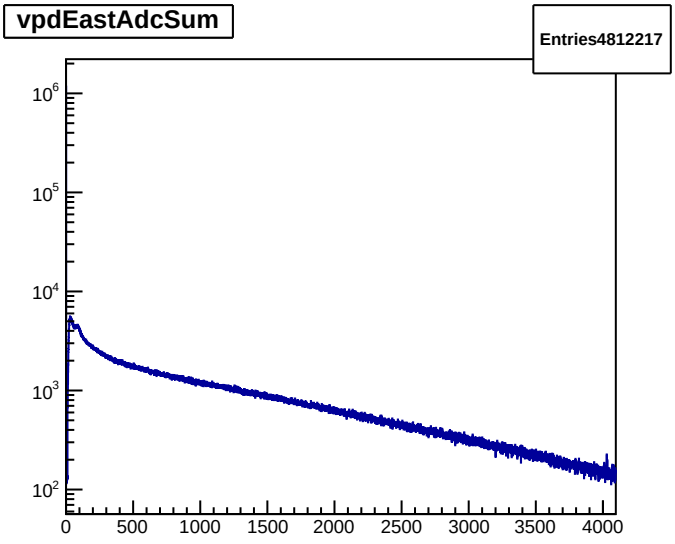

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

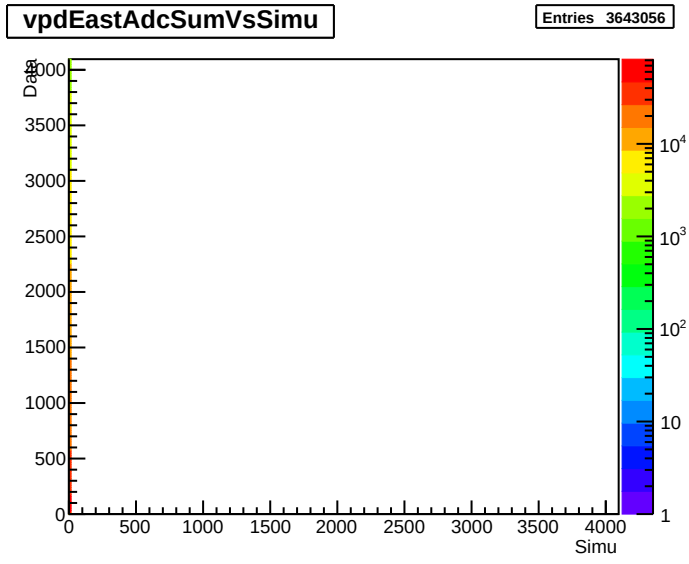

bbcSmallWestTacMax
Entries4812217

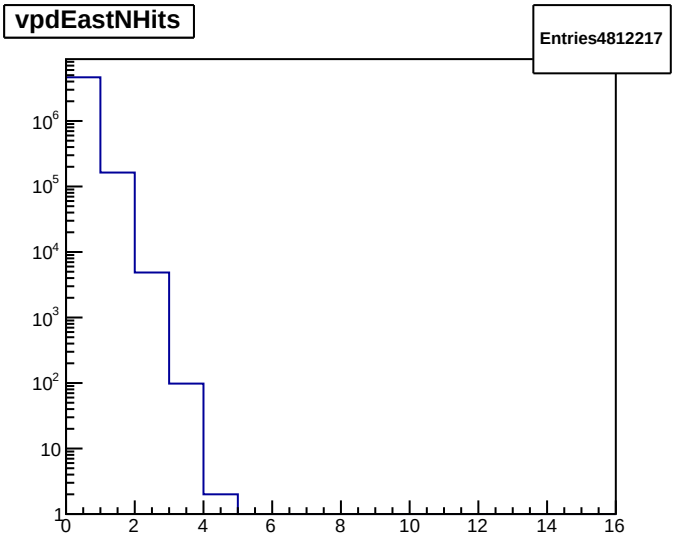

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

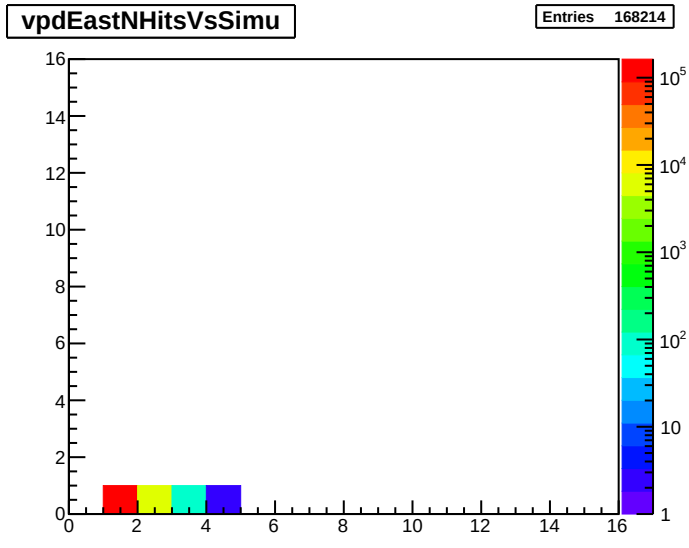

bbcLargeHit
Entries 9624434
1
0
4.24447e+06
4.03439e+06
567745
777823
E-Hit
W-Hit
10^6

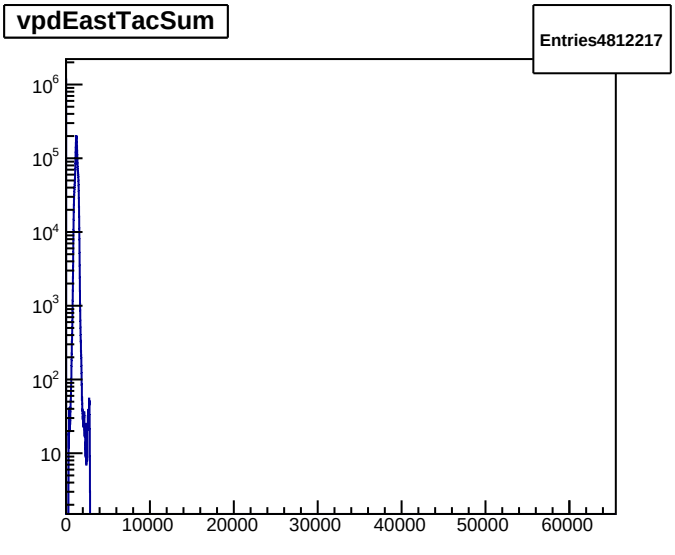

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

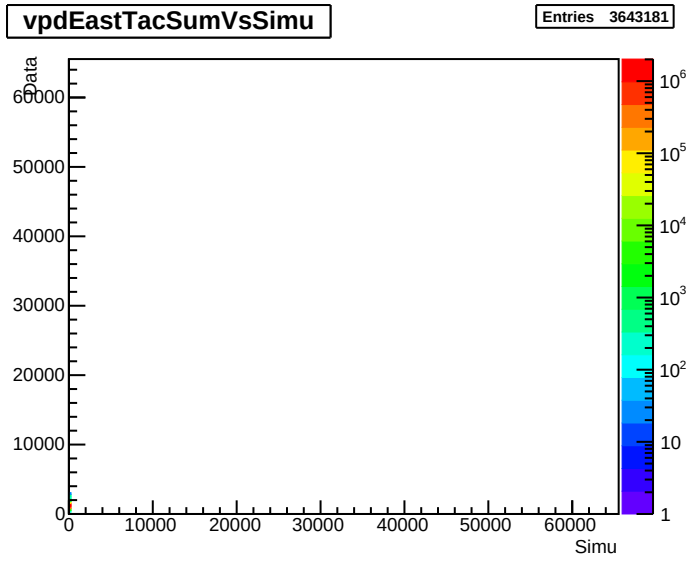

vpdEastAdcSum
Entries4812217

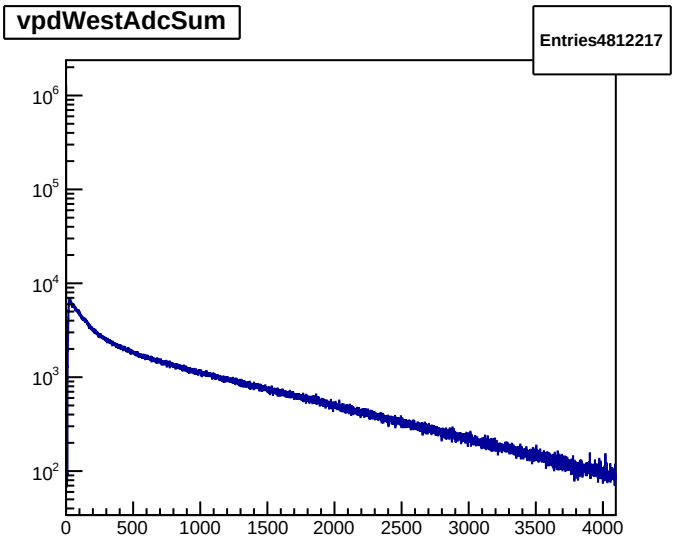

vpdEastAdcSumVsSimu
Entries 3643056
Data
Simu

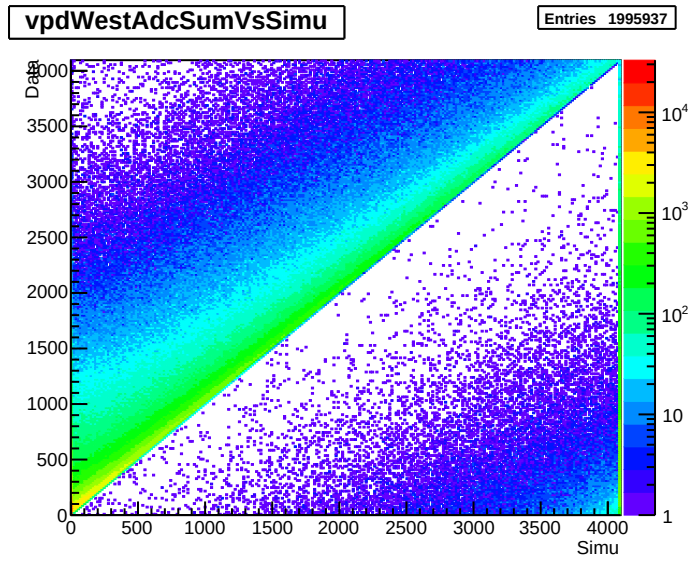

vpdEastNHits
Entries4812217

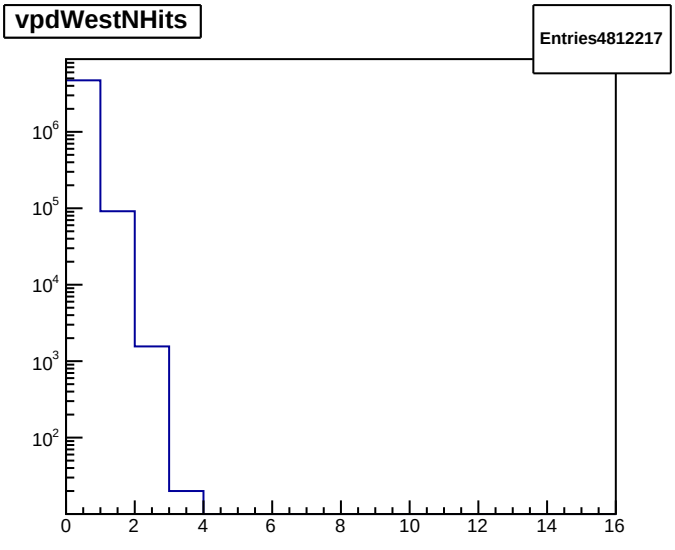

vpdEastNHitsVsSimu
Entries 168214

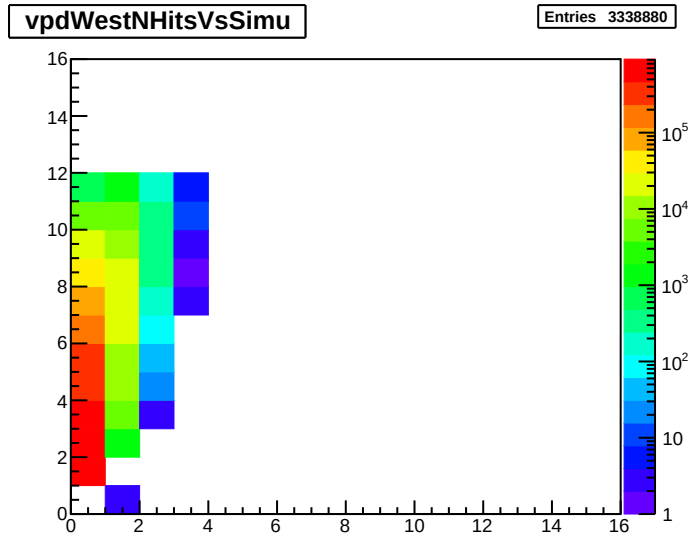

vpdEastTacSum
Entries4812217

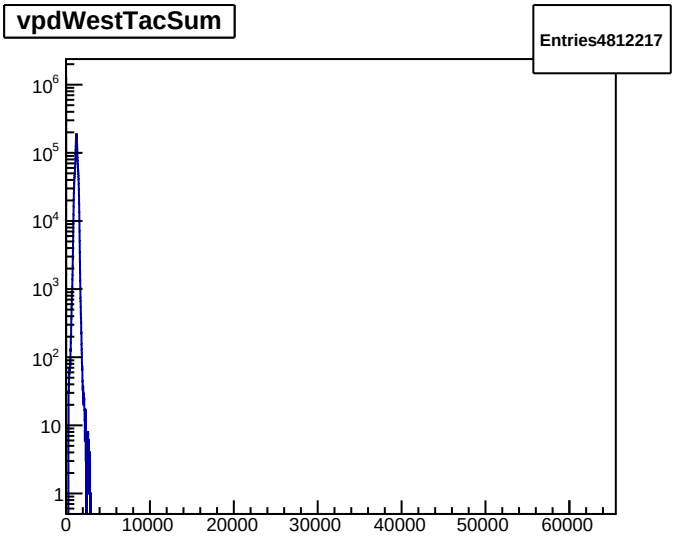

vpdEastTacSumVsSimu
Entries 3643181
Data
Simu

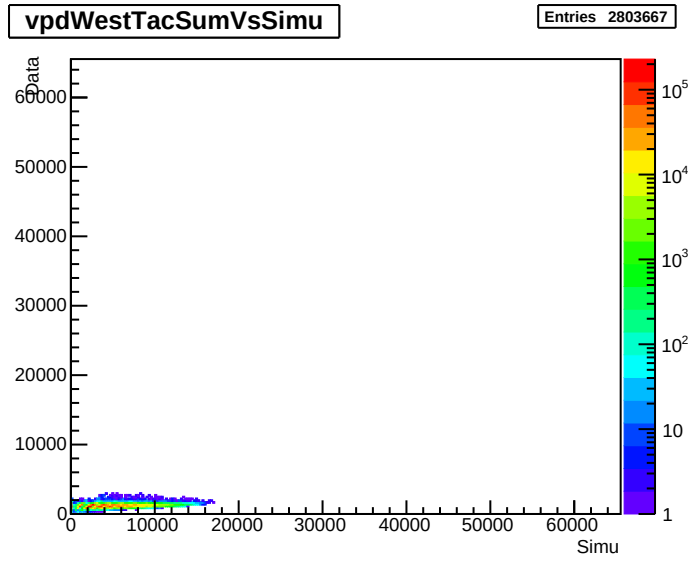

vpdWestAdcSum
Entries4812217

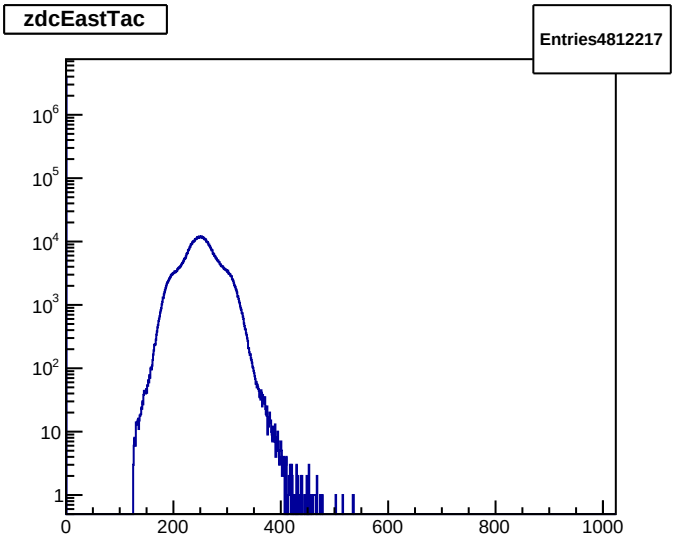

vpdWestAdcSumVsSimu
Entries 1995937
Data
Simu

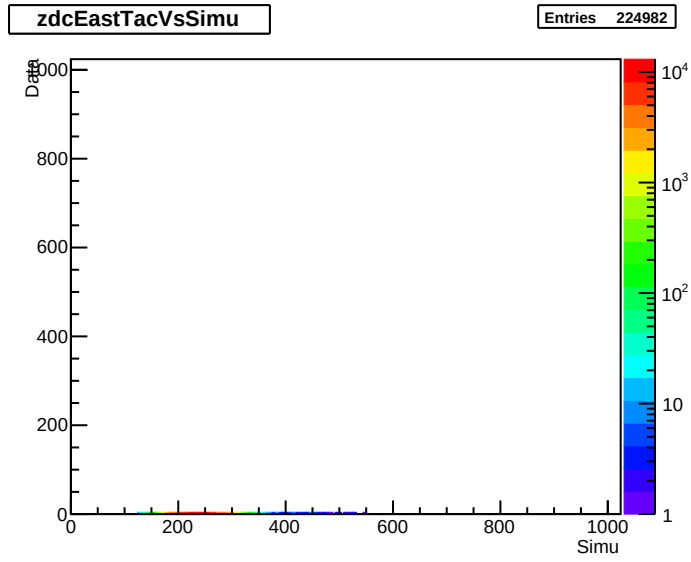

vpdWestNHits
Entries4812217

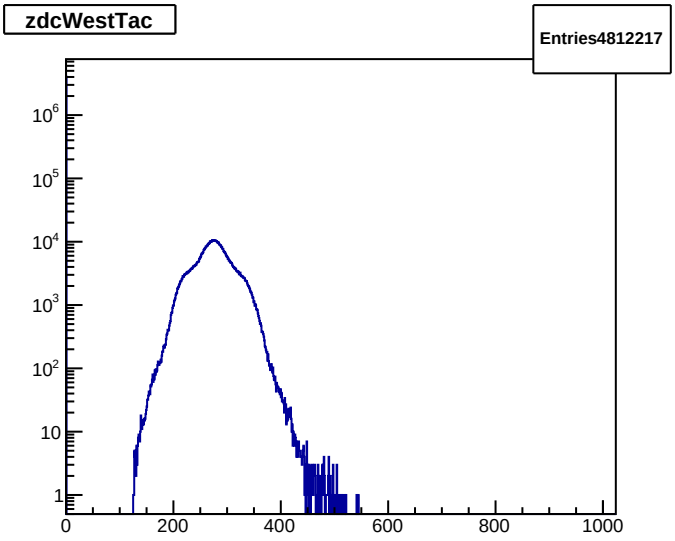

vpdWestNHitsVsSimu
Entries 3338880

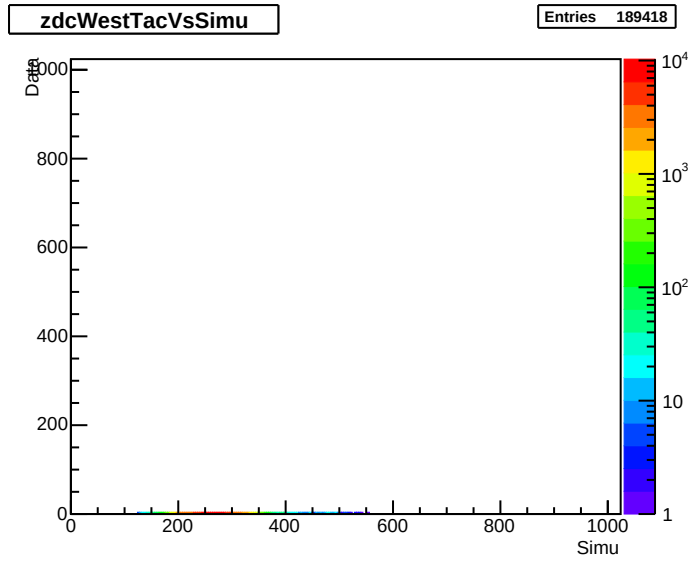

vpdWestTacSum
Entries4812217

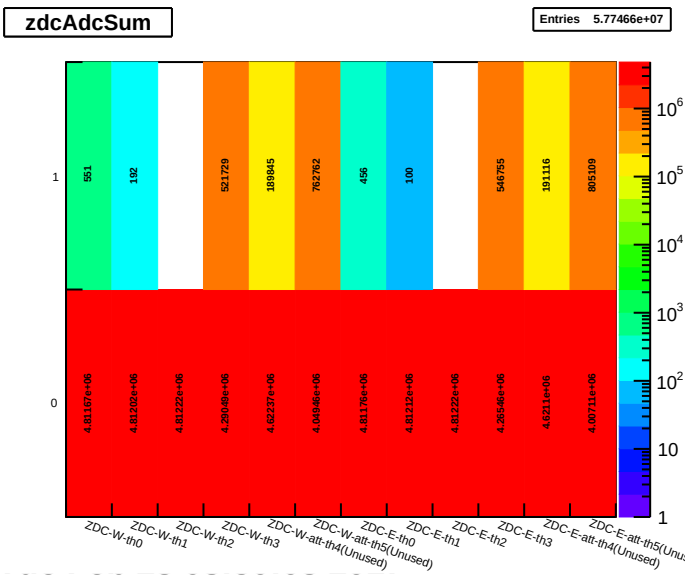

vpdWestTacSumVsSimu
Entries 2803667
Data
Simu

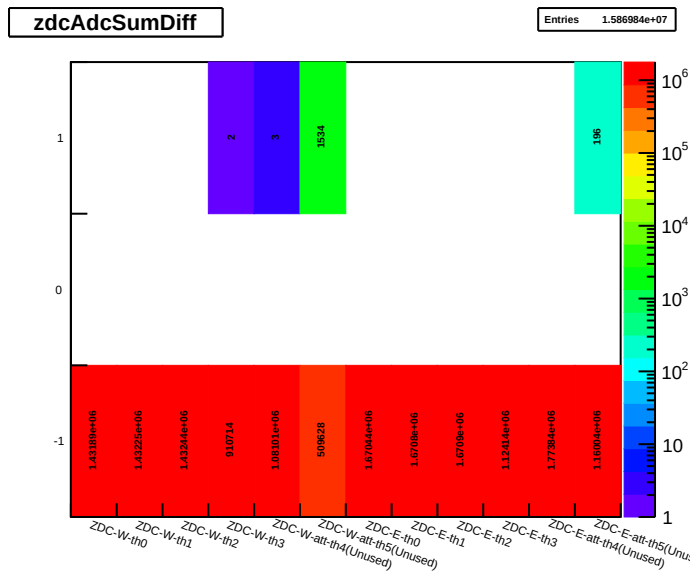

zdcEastTac
Entries4812217

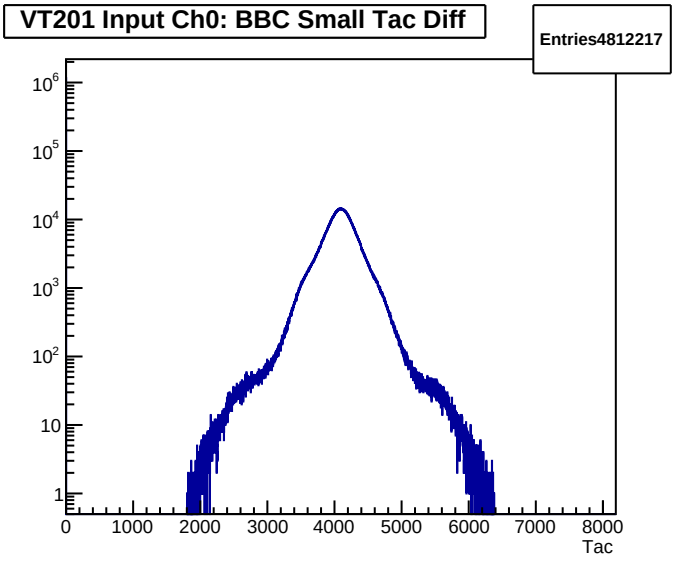

zdcEastTacVsSimu
Entries 224982
Data
Simu

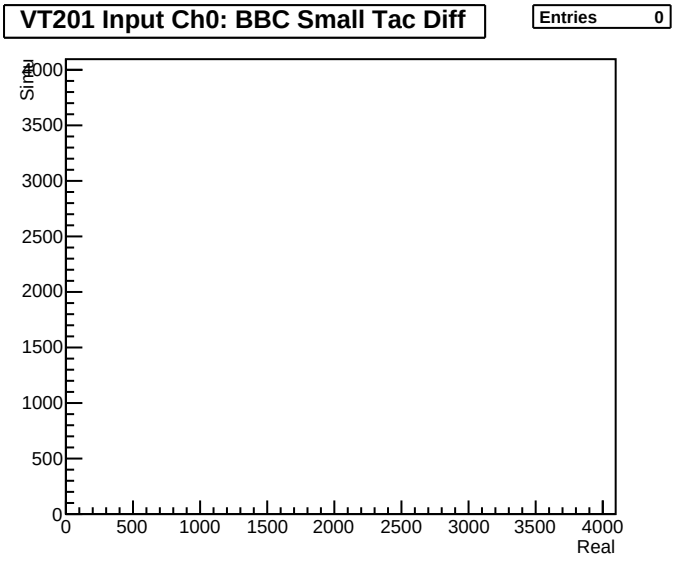

zdcWestTac
Entries4812217

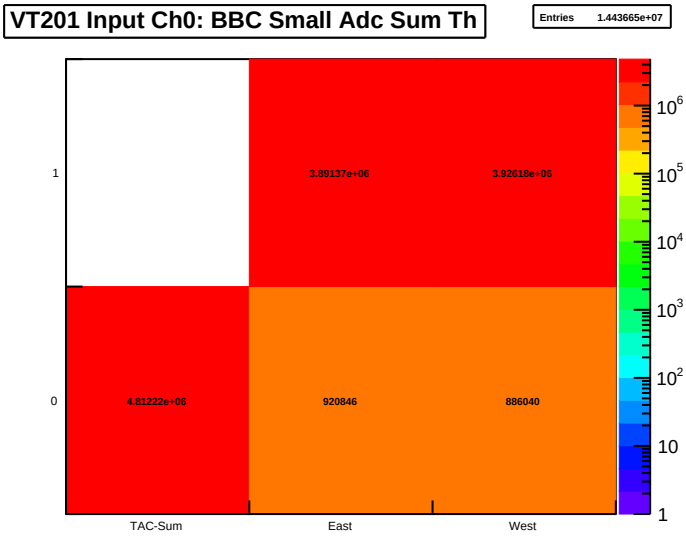

zdcWestTacVsSimu
Entries 189418
Data
Simu

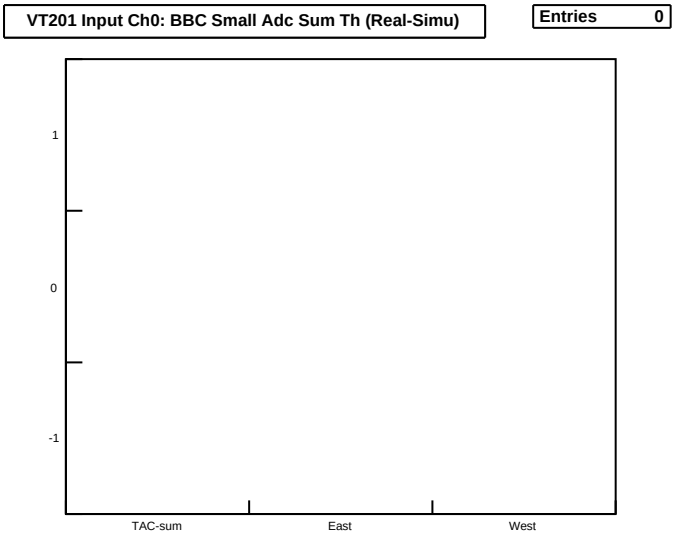

zdcAdcSum
Entries 5.77466e+07
551
192
521729
189845
762762
456
100
546755
191116
805109
4.81167e+06
4.81202e+06
4.81222e+06
4.29049e+06
4.62237e+06
4.04946e+06
4.81176e+06
4.81212e+06
4.81222e+06
4.26546e+06
4.6211e+06
4.00711e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

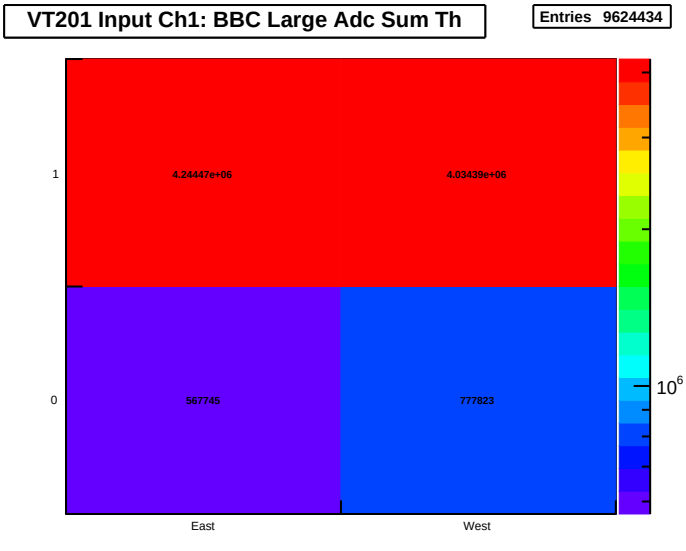

zdcAdcSumDiff
Entries 1.586984e+07
2
3
1534
196
1.43189e+06
1.43225e+06
1.43244e+06
910714
1.08101e+06
509628
1.67044e+06
1.6708e+06
1.6709e+06
1.12414e+06
1.77394e+06
1.16004e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

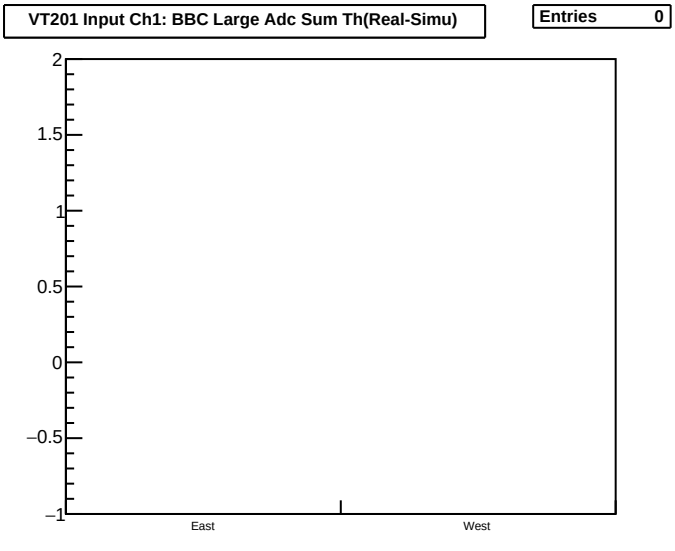

VT201 Input Ch0: BBC Small Tac Diff
Entries4812217
Tac


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

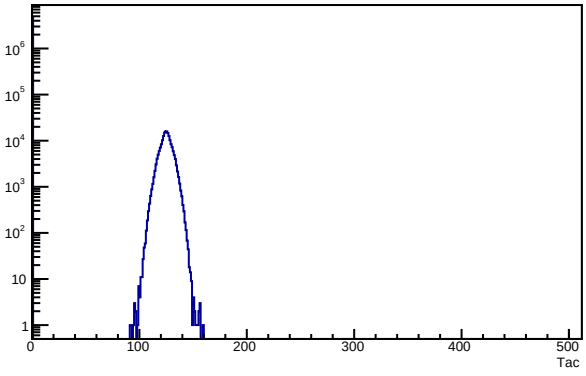

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.443665e+07
3.89137e+06
3.92618e+06
4.81222e+06
920846
886040
TAC-Sum
East
West


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

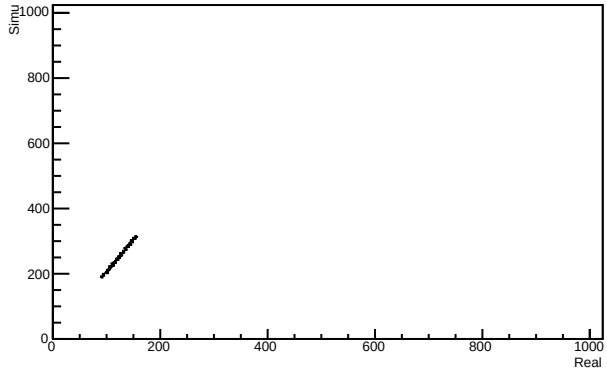

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9624434
4.24447e+06
4.03439e+06
567745
777823
East
West


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

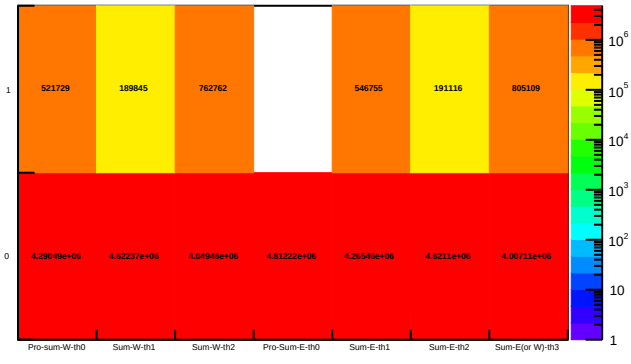
VT201 Input Ch2: ZDC Tac Diff



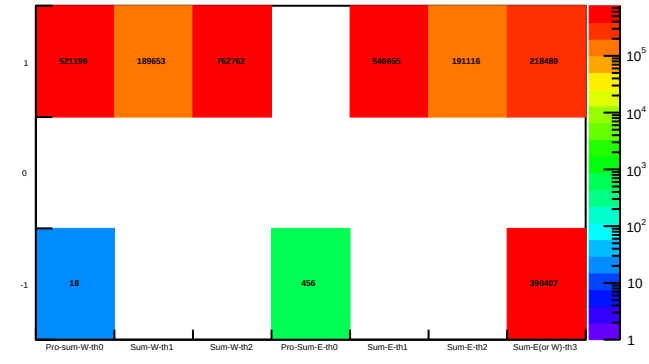
VT201 Input Ch2: ZDC Tac Diff



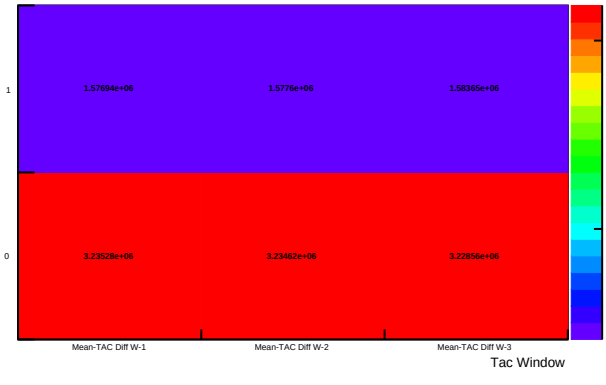
VT201 Input Ch2: ZDC Adc Sum Th



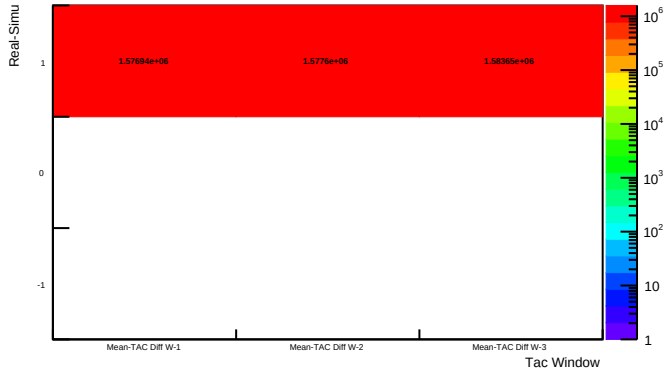
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



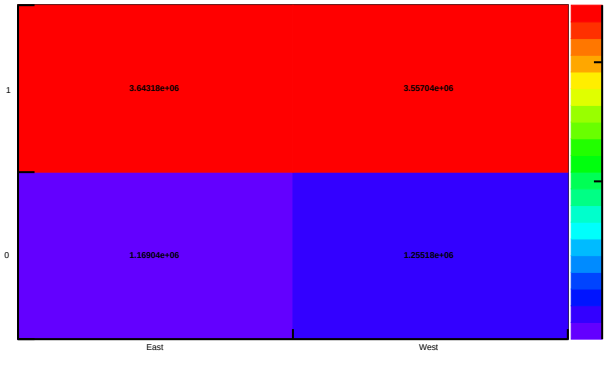
VT201 Input Ch4: VPD Tac Diff



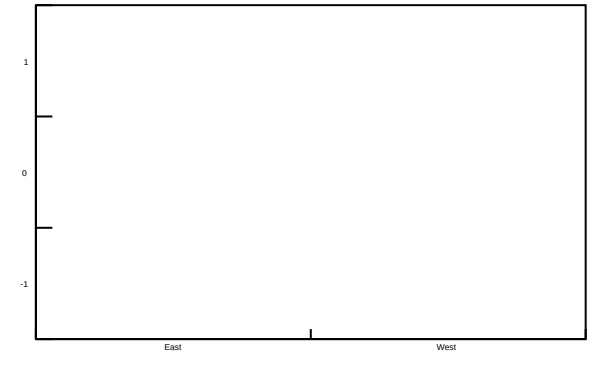
VT201 Input Ch4: VPD Tac Diff

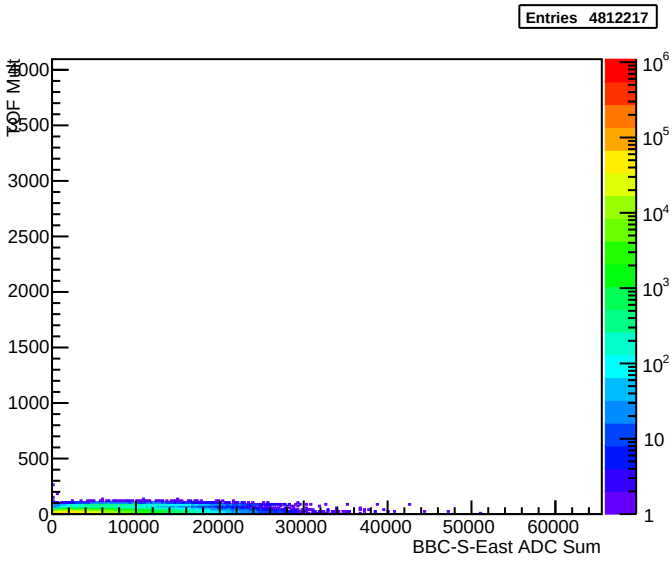


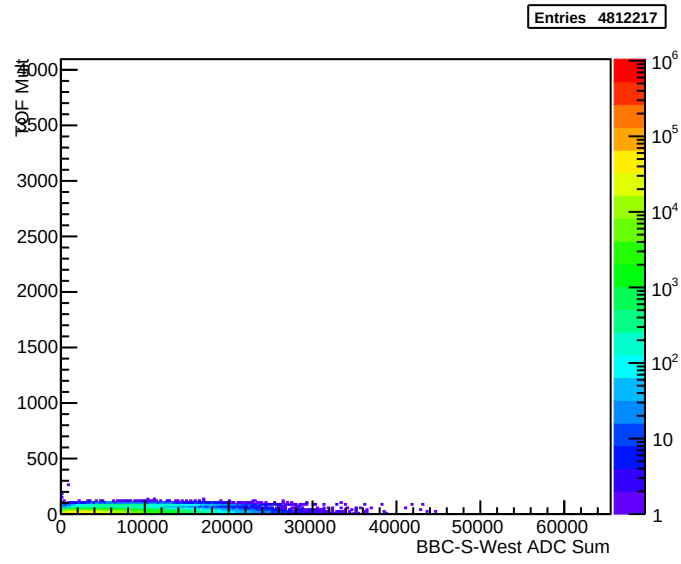
VT201 Input Ch4: VPD Adc Sum Th

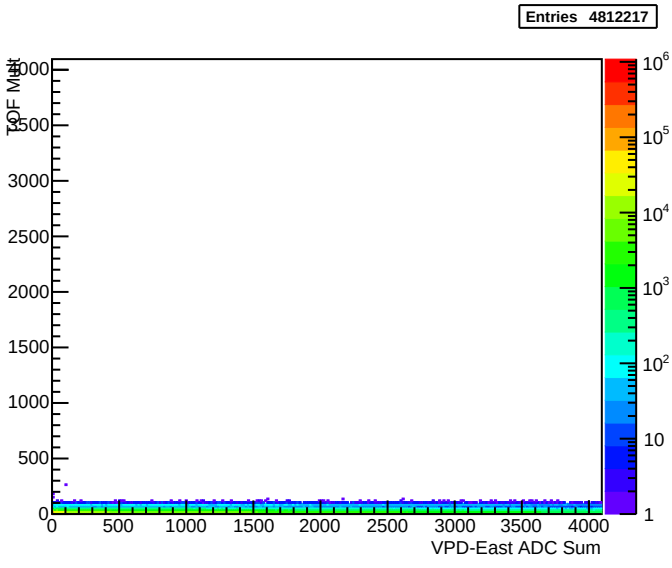


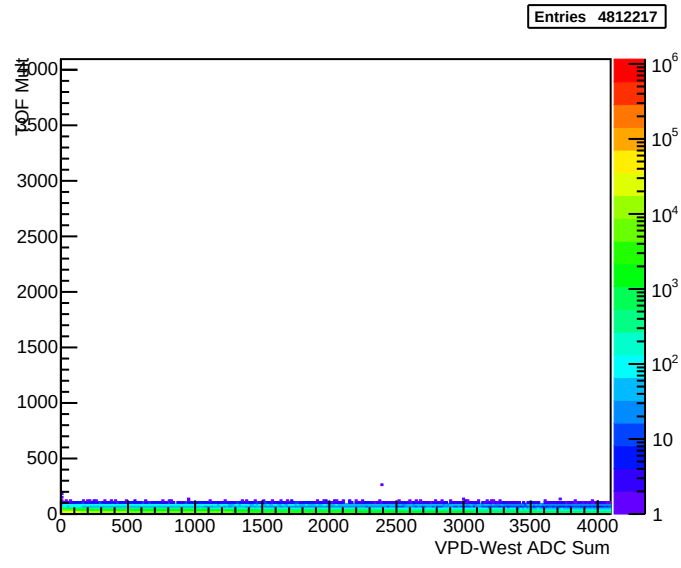
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

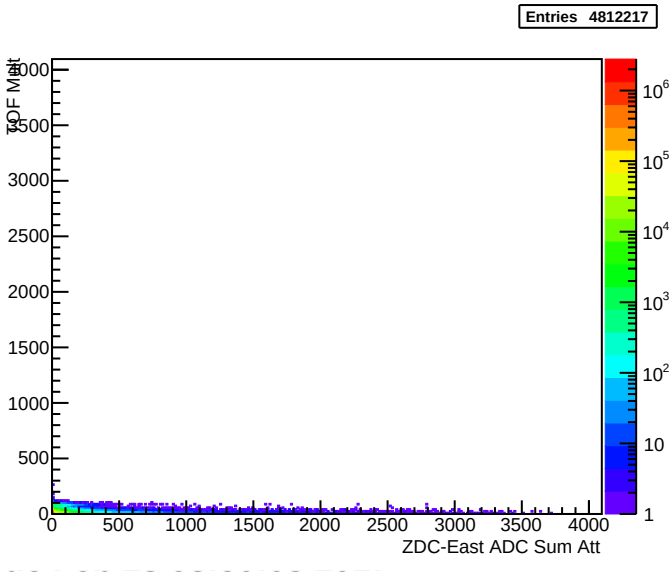


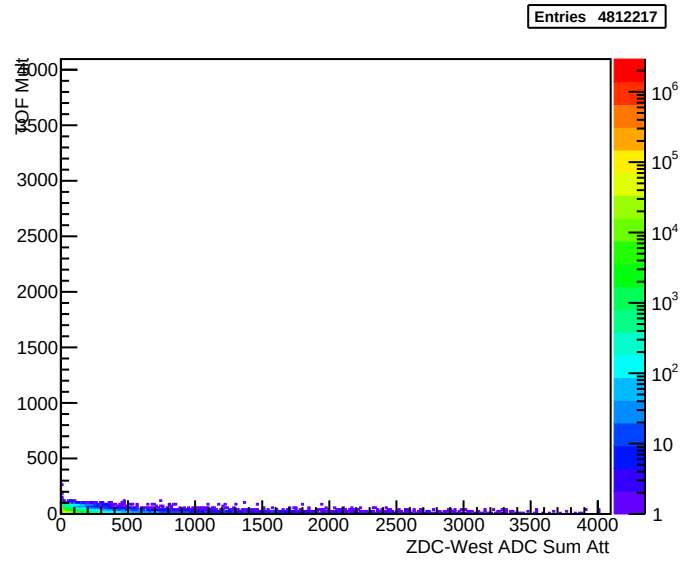

Entries 4812217
TOF Mult
BBC-S-East ADC Sum

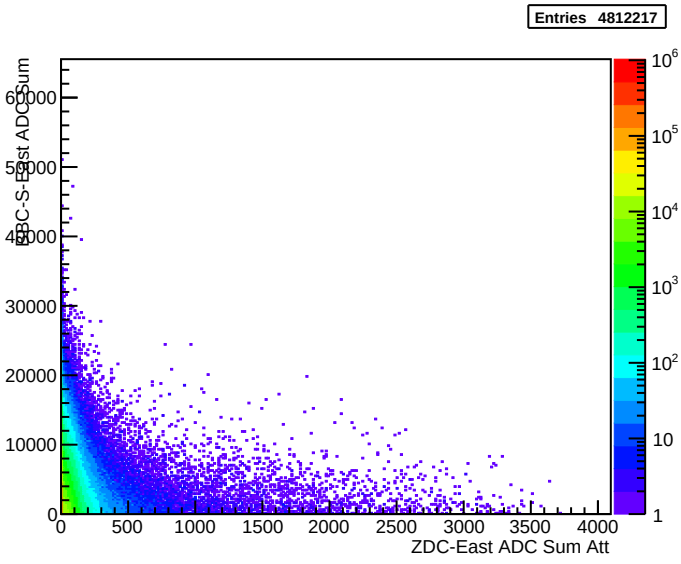

Entries 4812217
TOF Mult
BBC-S-West ADC Sum

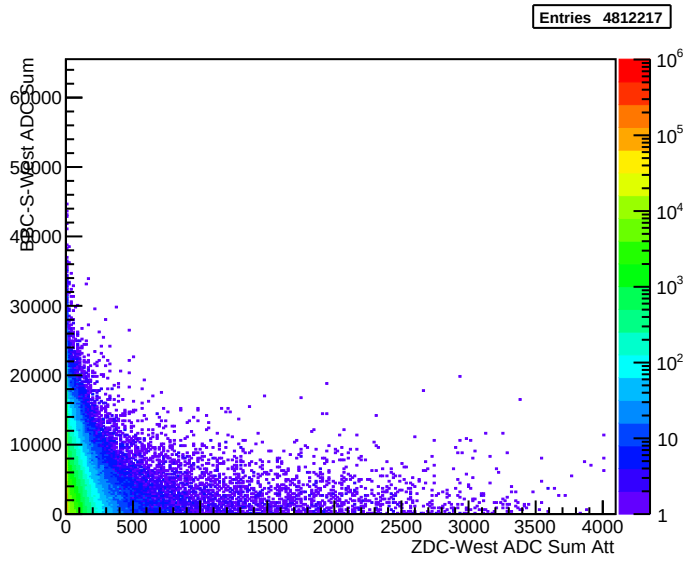

Entries 4812217
TOF Mult
VPD-East ADC Sum

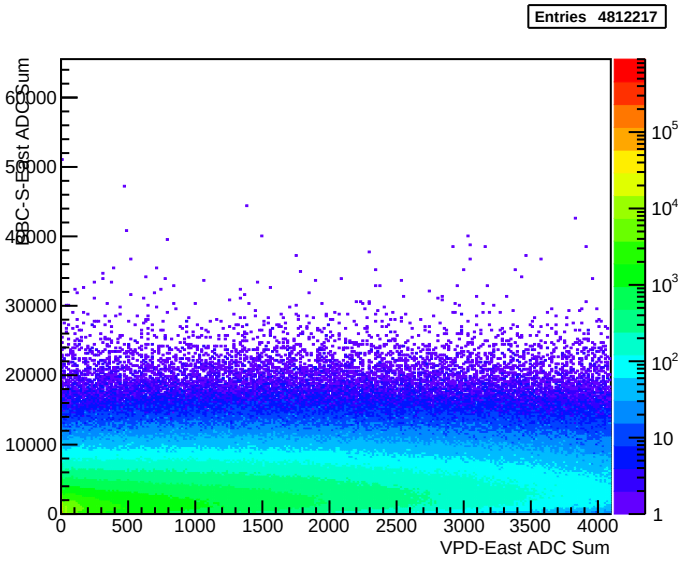

Entries 4812217
TOF Mult
VPD-West ADC Sum

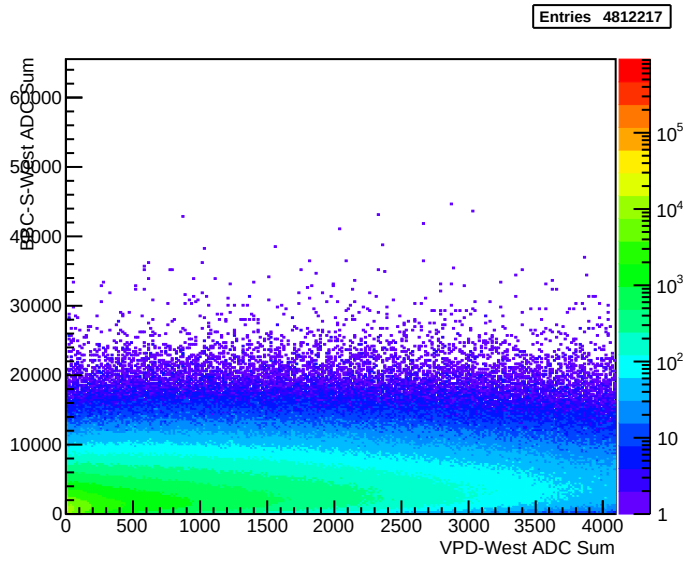

Entries 4812217
TOF Mult
ZDC-East ADC Sum Att

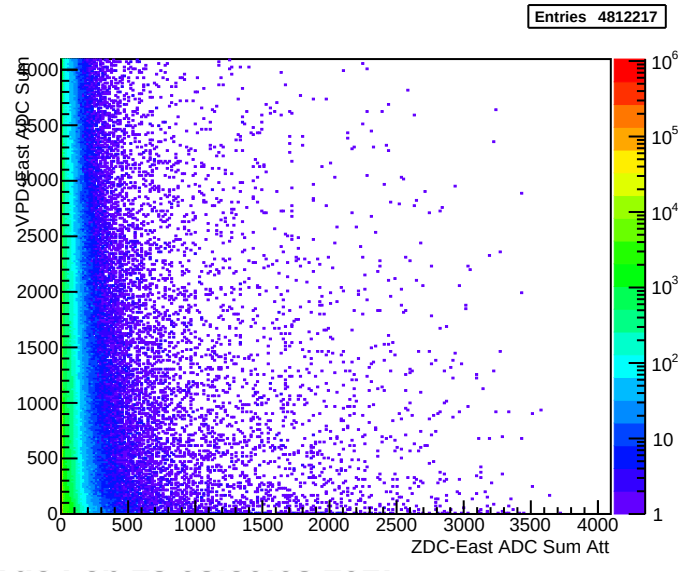

Entries 4812217
TOF Mult
ZDC-West ADC Sum Att

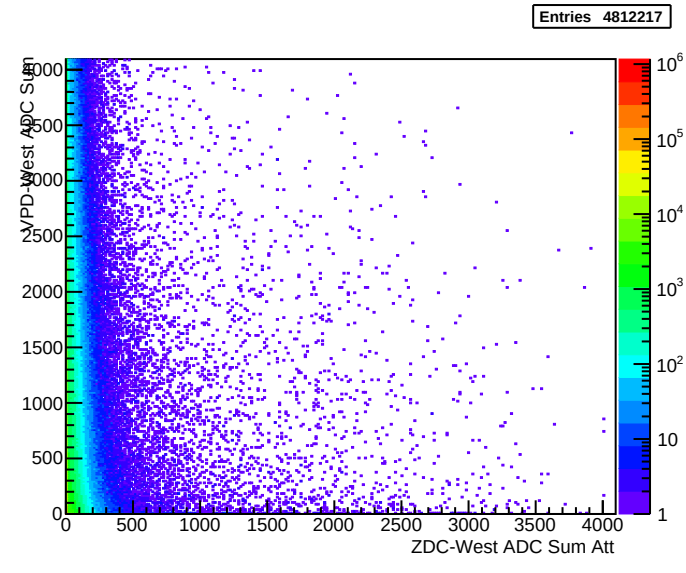

Entries 4812217
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

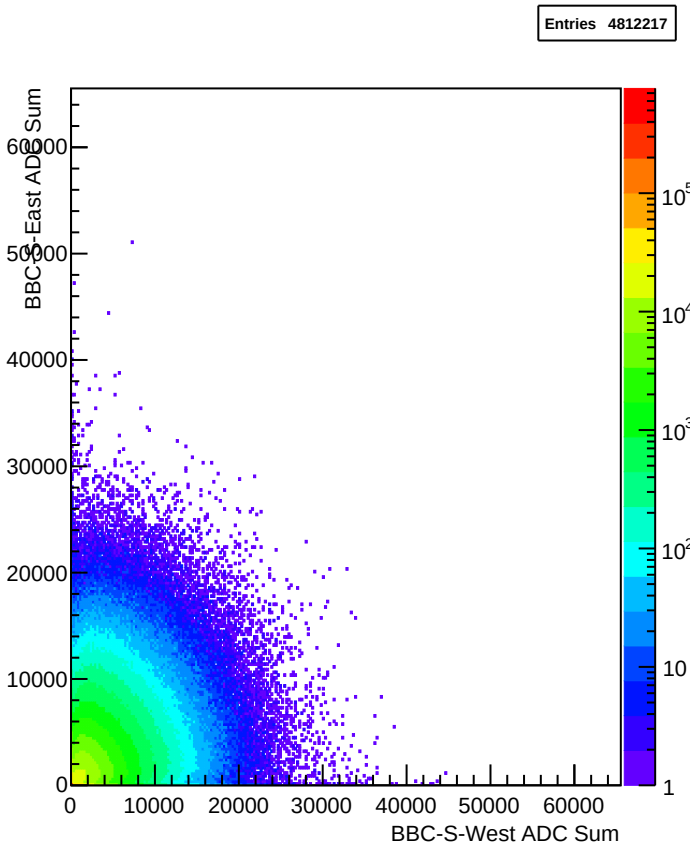

Entries 4812217
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

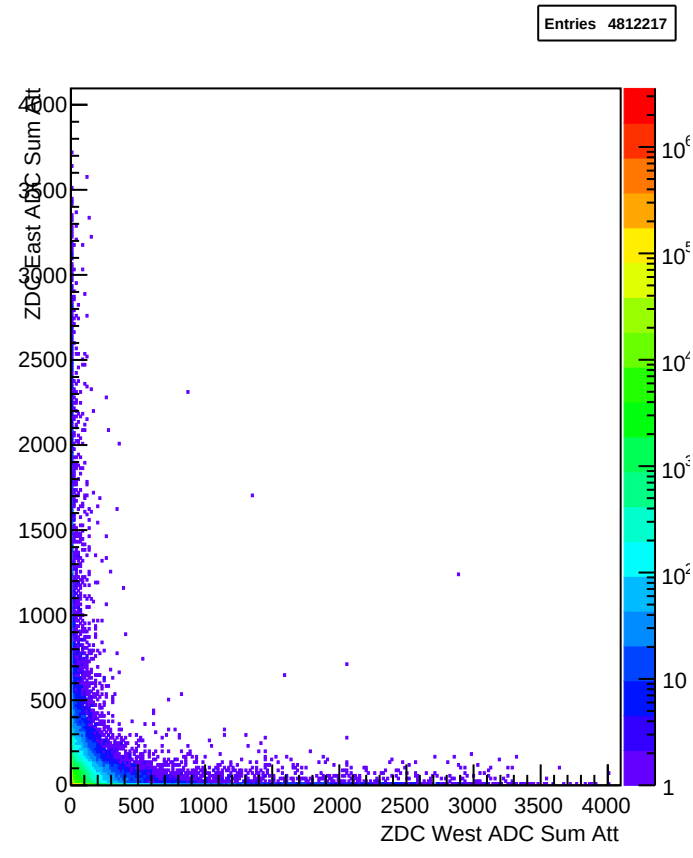

Entries 4812217
BBC-S-East ADC Sum
VPD-East ADC Sum

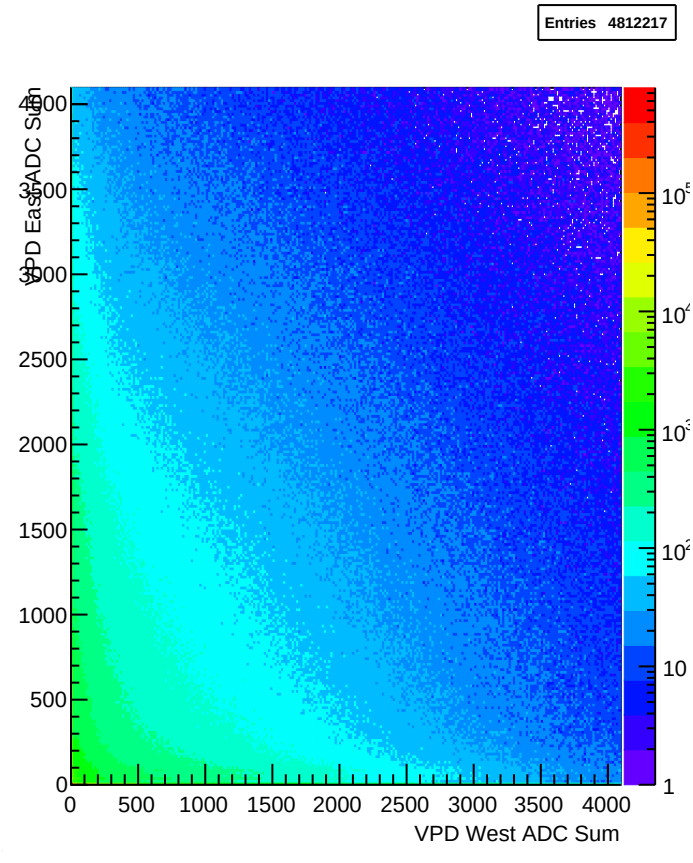

Entries 4812217
BBC-S-West ADC Sum
VPD-West ADC Sum

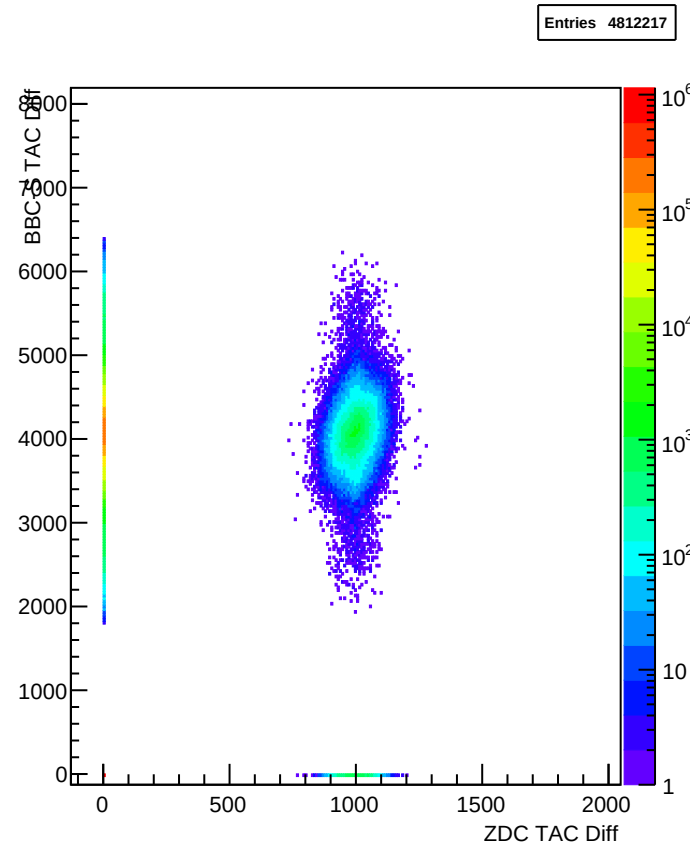

Entries 4812217
VPD-East ADC Sum
ZDC-East ADC Sum Att

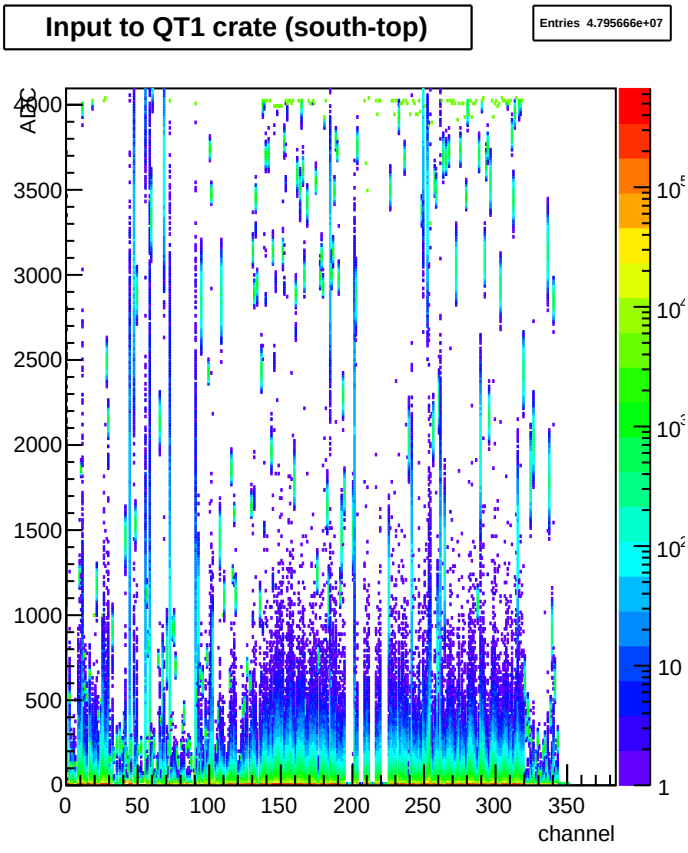

Entries 4812217
VPD-West ADC Sum
ZDC-West ADC Sum Att

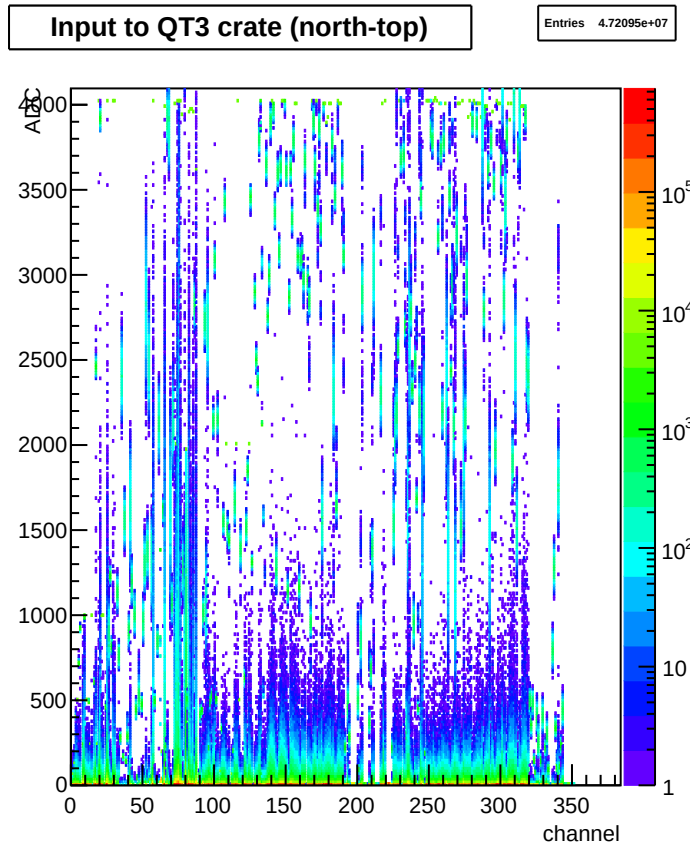

Entries 4812217
BBC-S-East ADC Sum
BBC-S-West ADC Sum

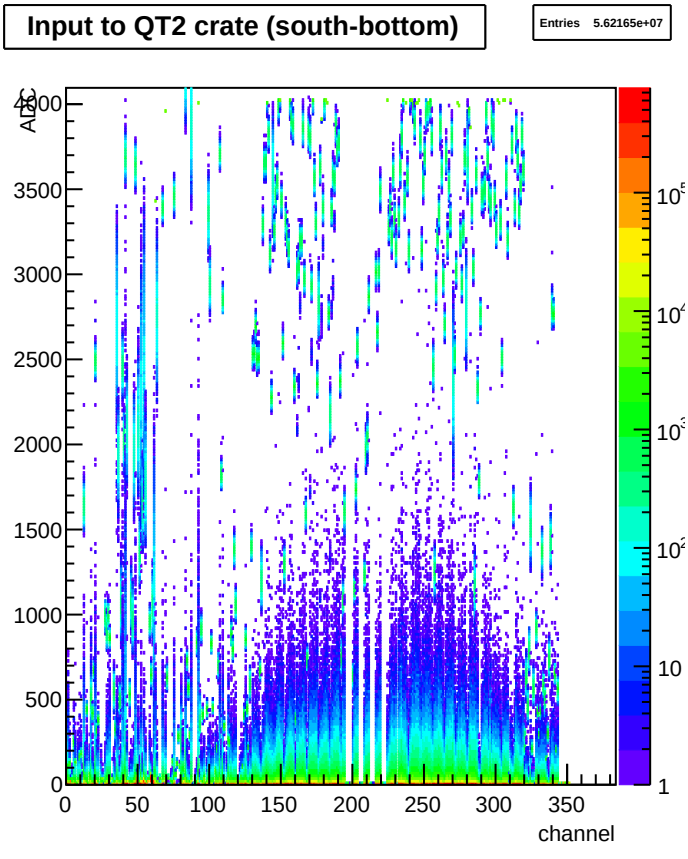

Entries 4812217
ZDC East ADC Sum Att
ZDC West ADC Sum Att

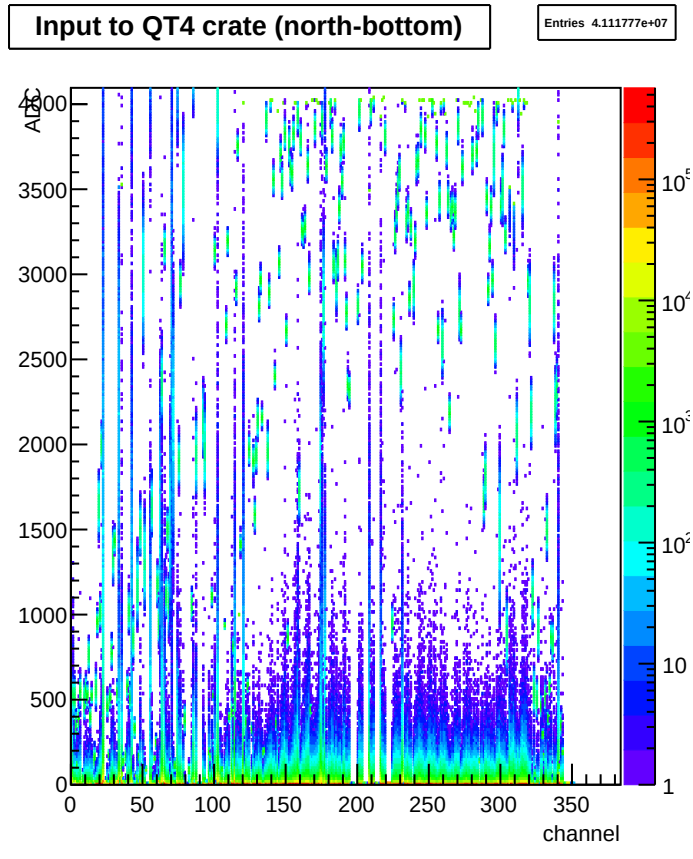

Entries 4812217
VPD East ADC Sum
VPD West ADC Sum

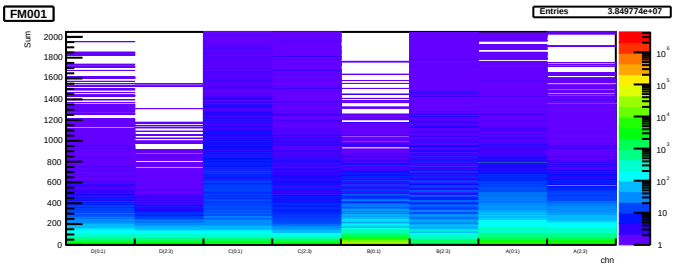

Entries 4812217
BBC-S TAC Diff
ZDC TAC Diff

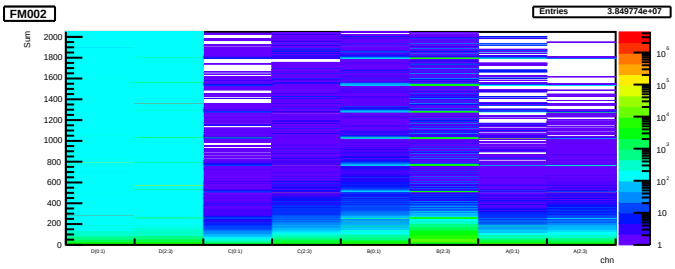

Input to QT1 crate (south-top)
Entries 4.795666e+07
ADC
channel

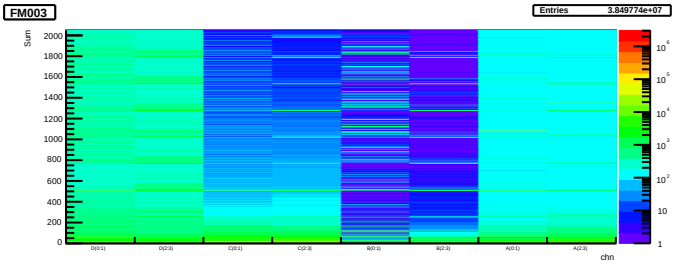

Input to QT3 crate (north-top)
Entries 4.72095e+07
ADC
channel

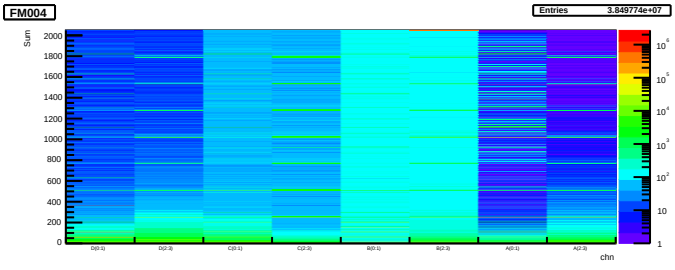

Input to QT2 crate (south-bottom)
Entries 5.62165e+07
ADC
channel

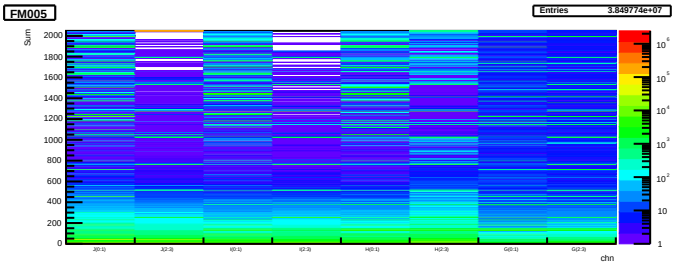

Input to QT4 crate (north-bottom)
Entries 4.111777e+07
ADC
channel

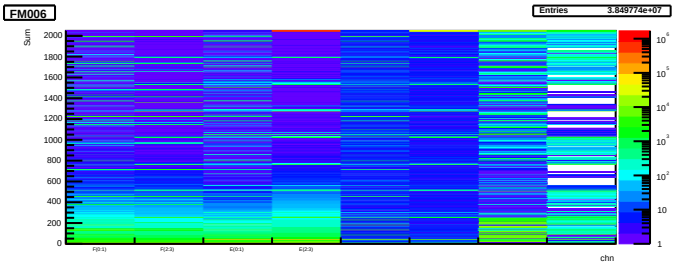

FM001
Entries 3.849774e+07
Sum
chn

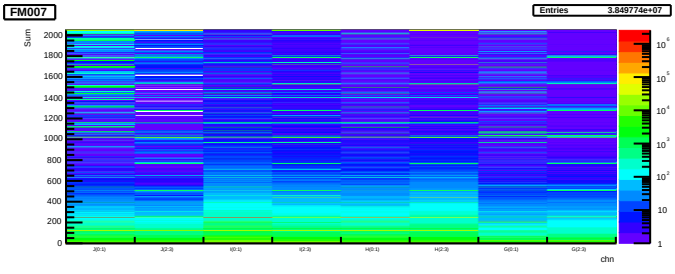

FM002
Entries 3.849774e+07
Sum
chn


FM003
Entries 3.849774e+07
Sum
chn


FM004
Entries 3.849774e+07
Sum
chn


FM005
Entries 3.849774e+07
Sum
chn


FM006
Entries 3.849774e+07
Sum
chn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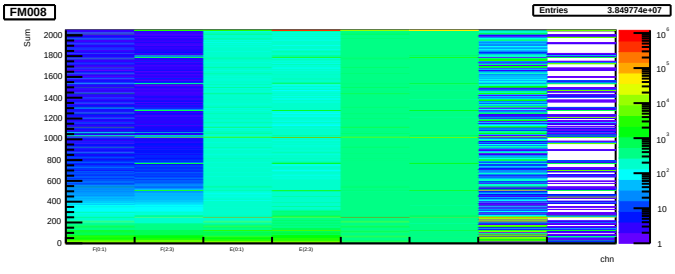
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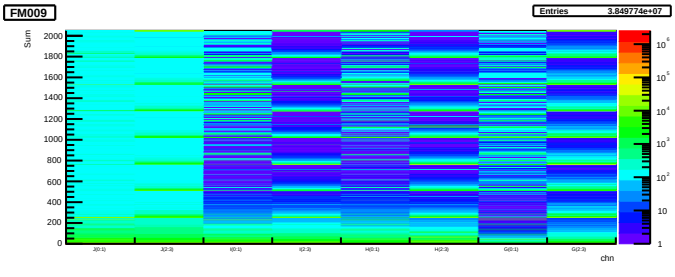
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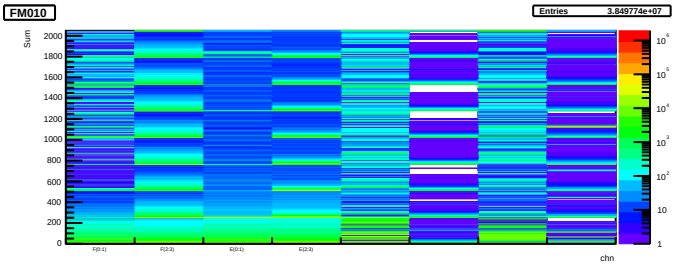
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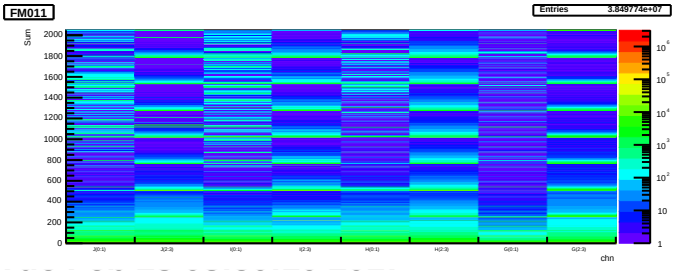
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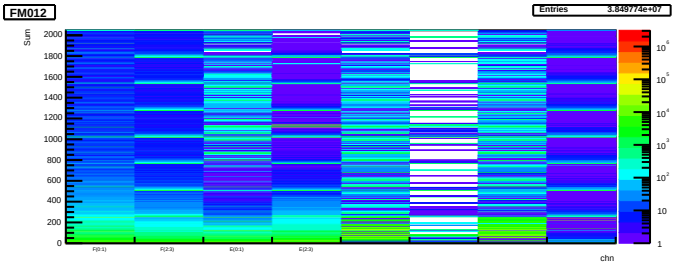
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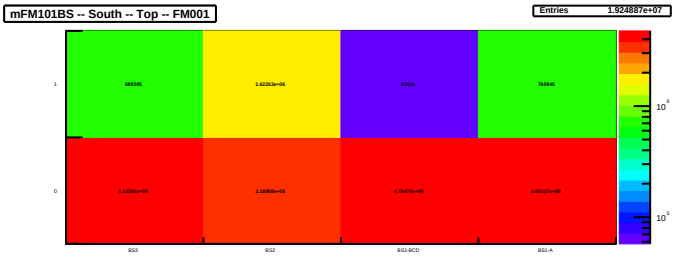
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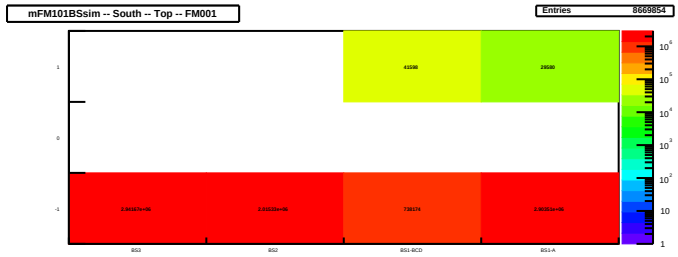
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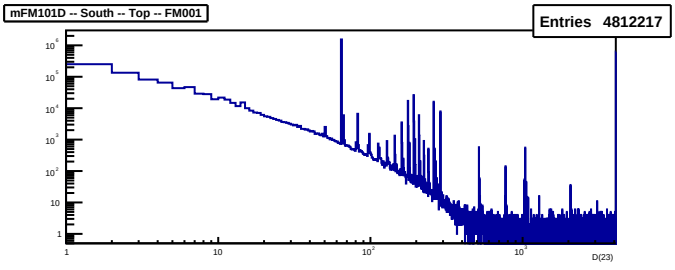
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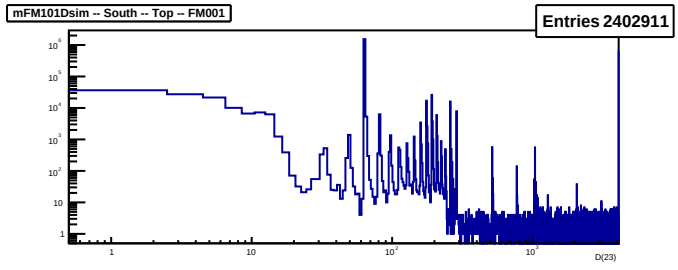
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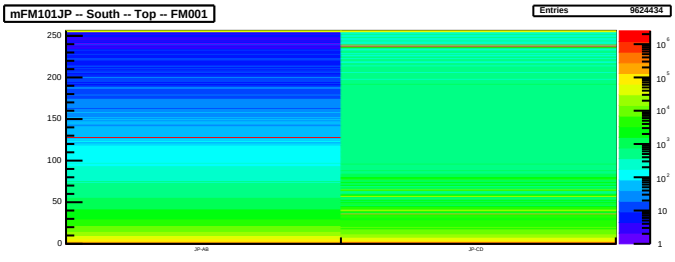
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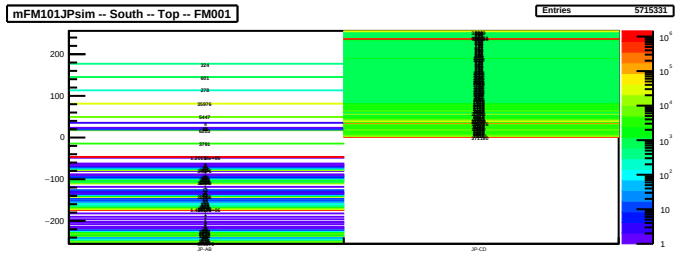
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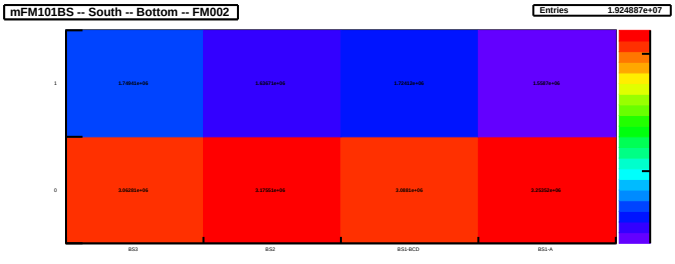
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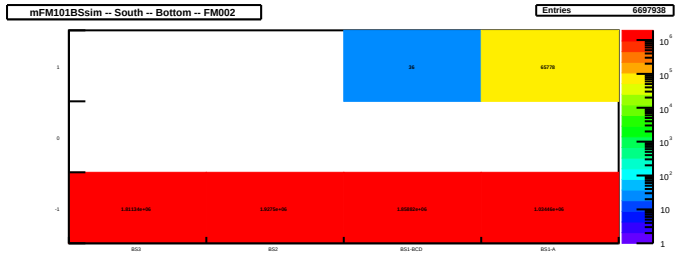
Entries 1.924887e+07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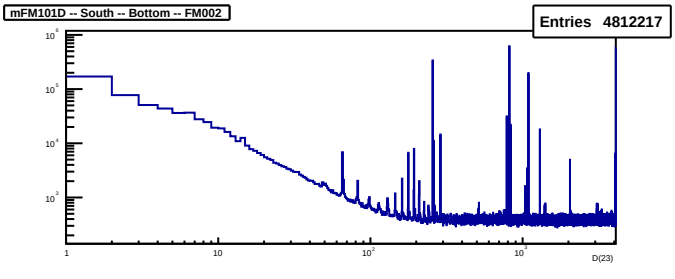
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Entries 4812217
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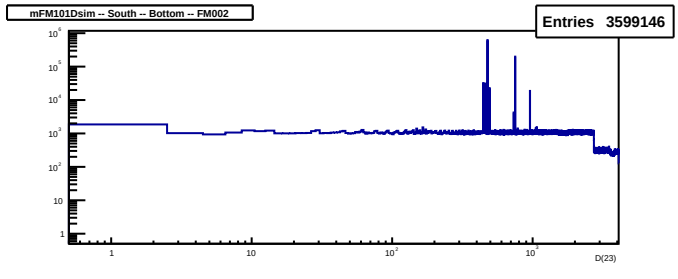
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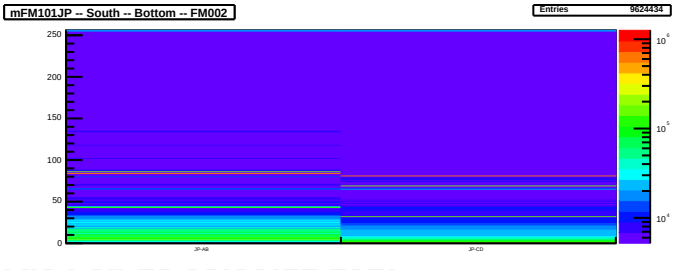
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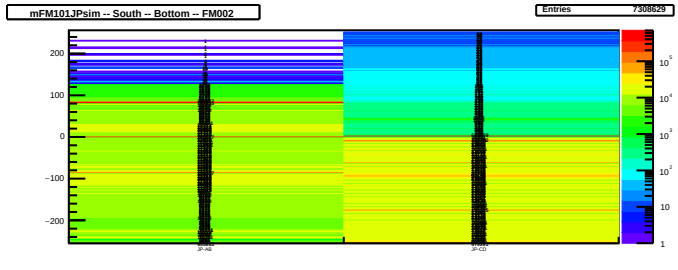
Entries 9624434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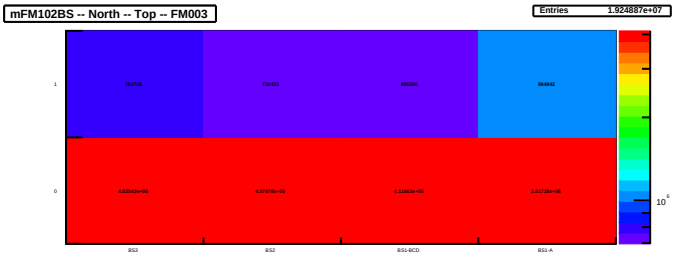
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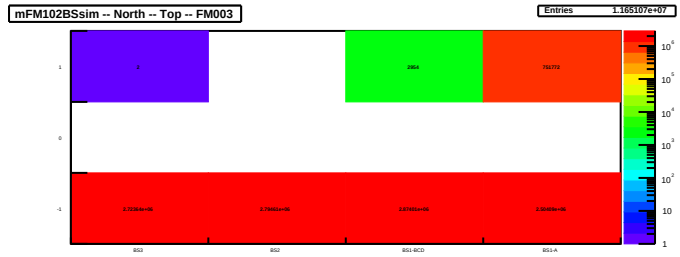
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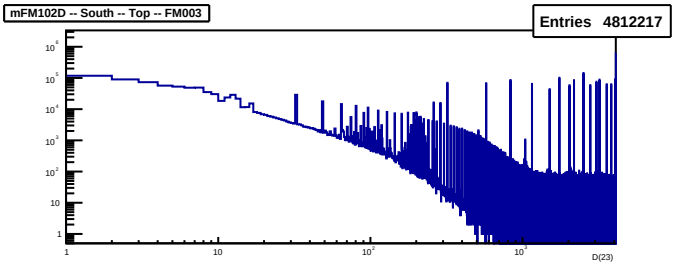
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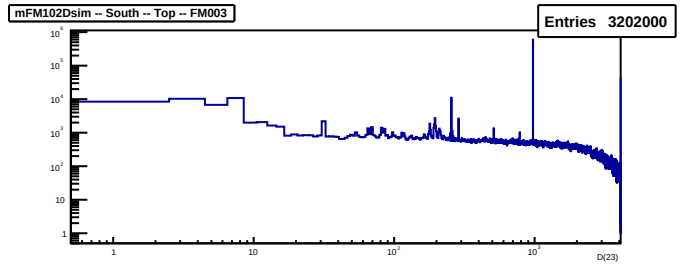
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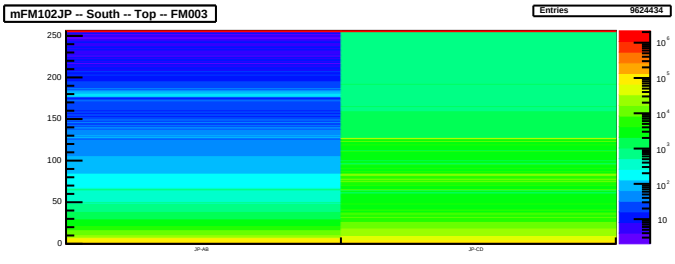
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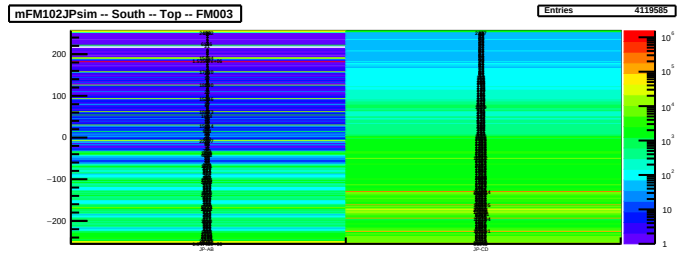
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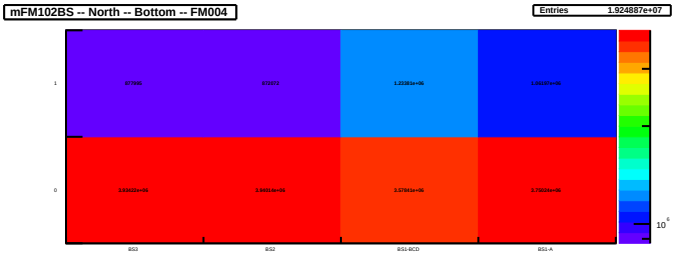
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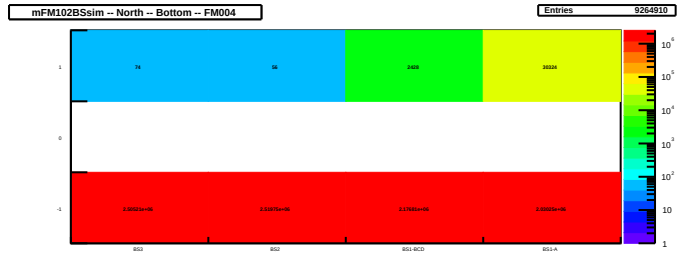
Entries 1.924887e+07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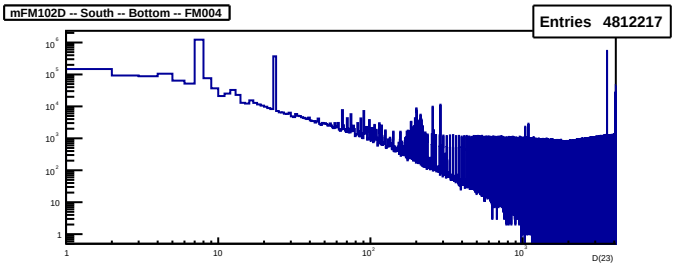
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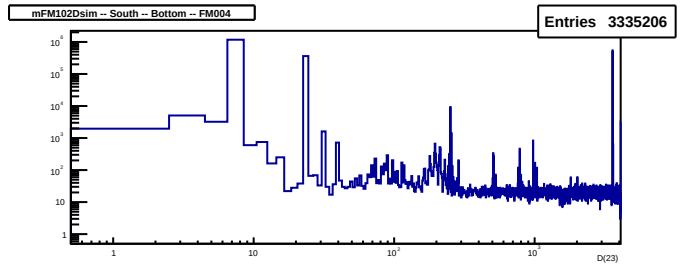
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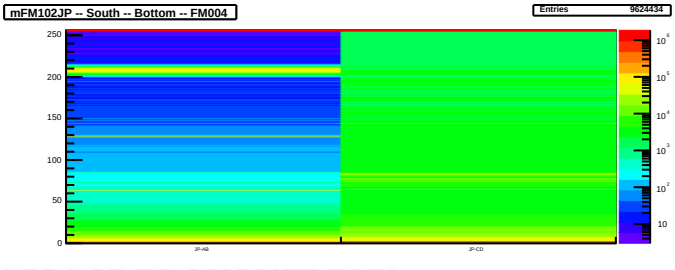
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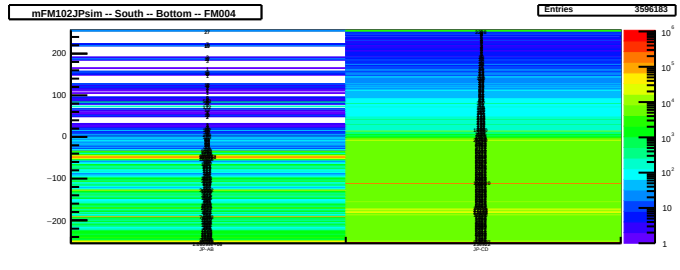
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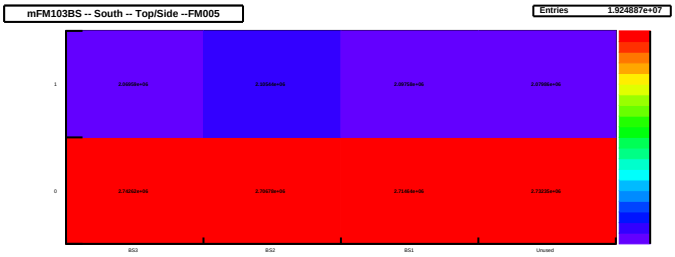
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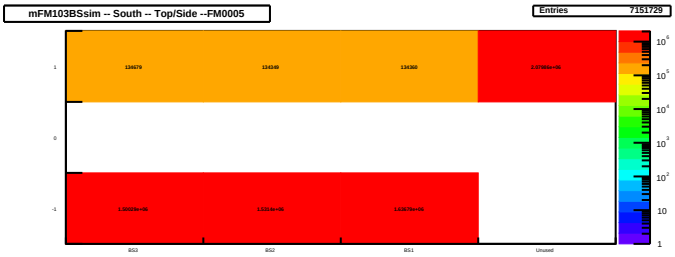
Entries 1.924887e+07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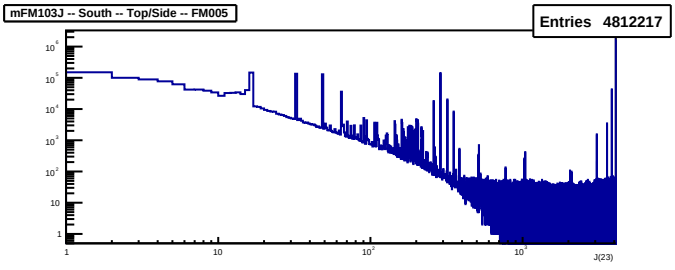
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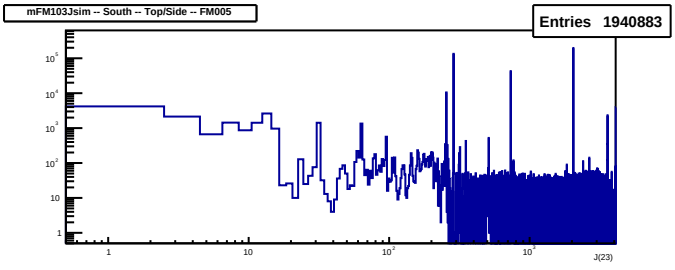
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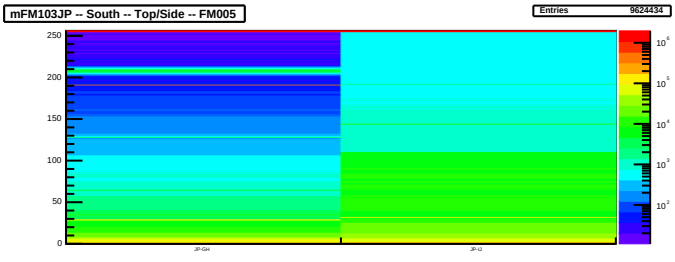
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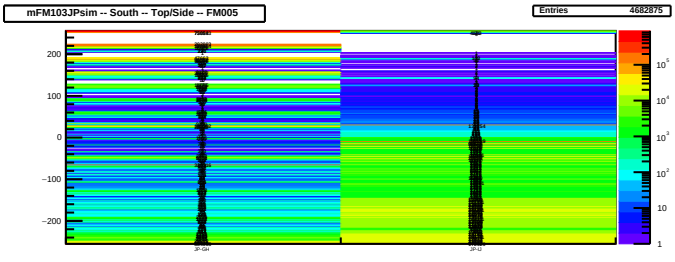
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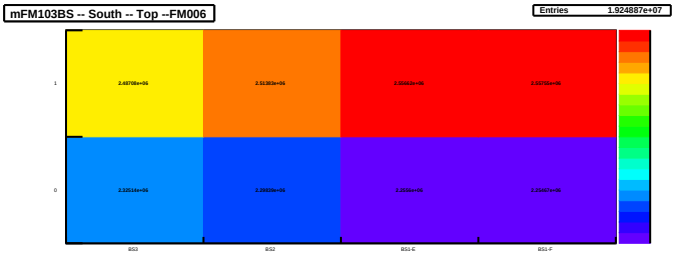
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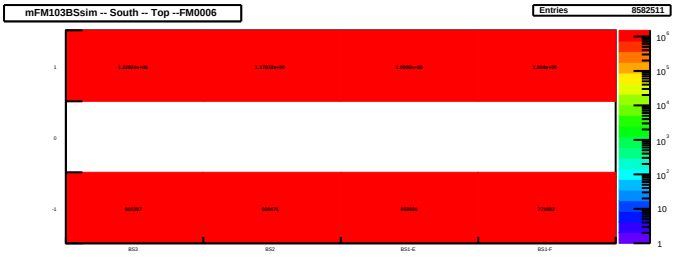
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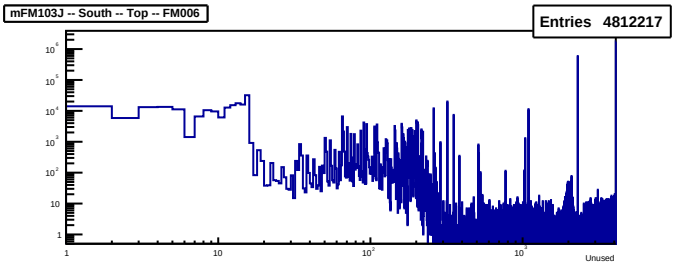
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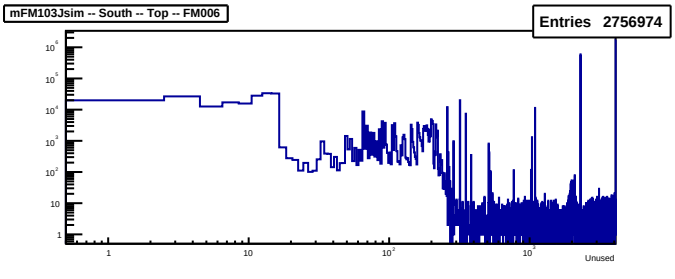
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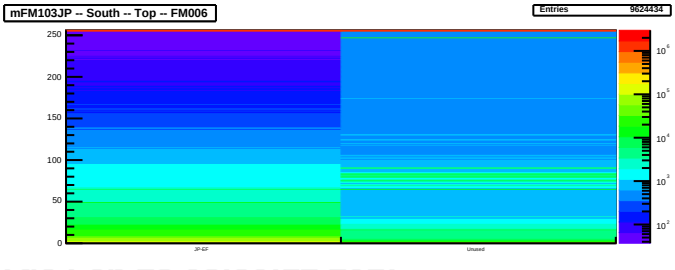
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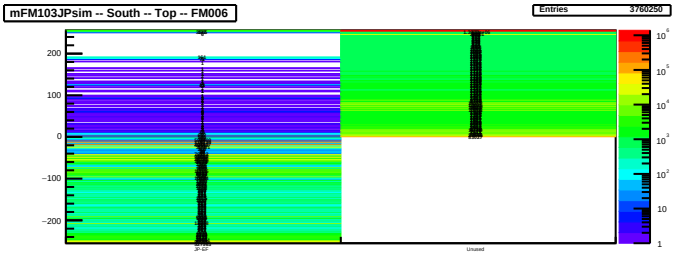
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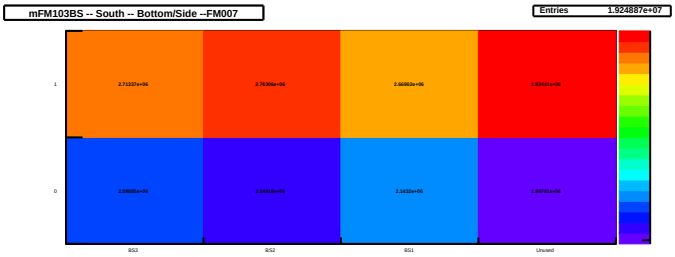
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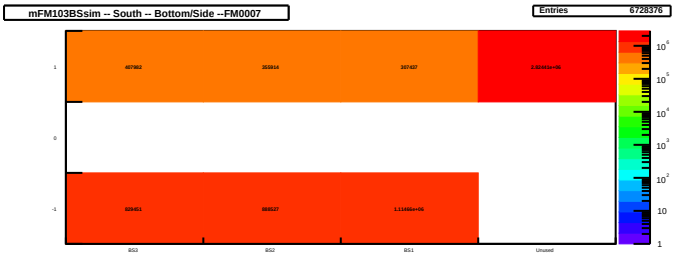
Entries 1.924887e+07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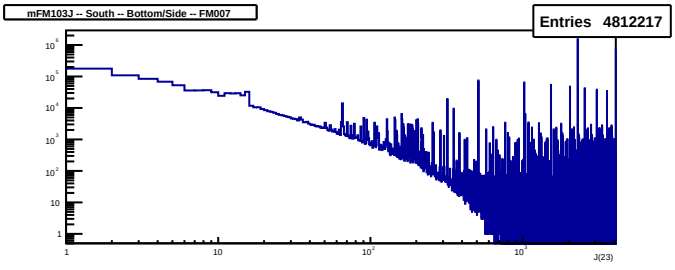
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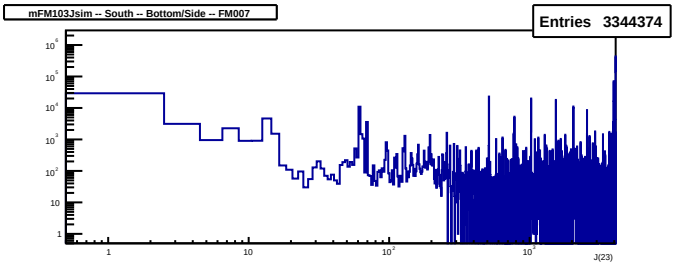
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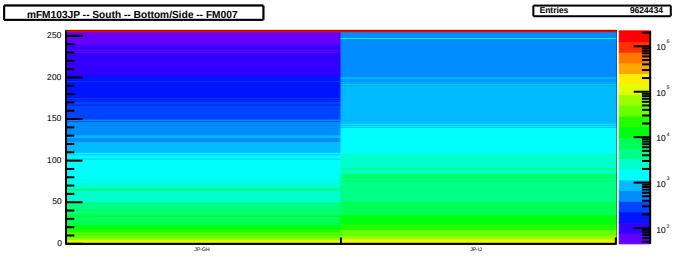
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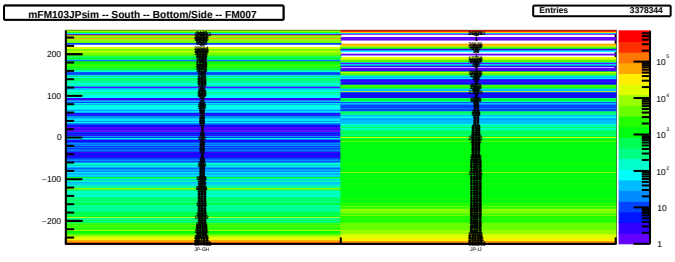
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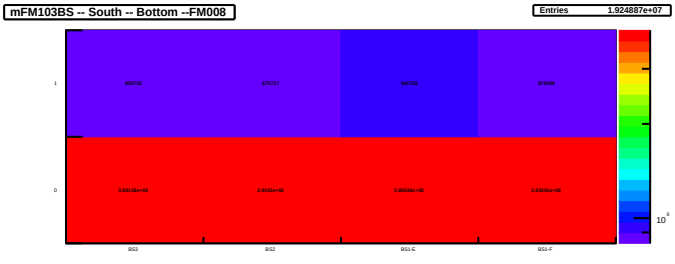
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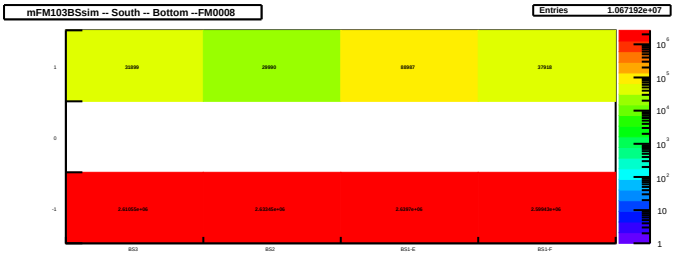
Entries 1.924887e+07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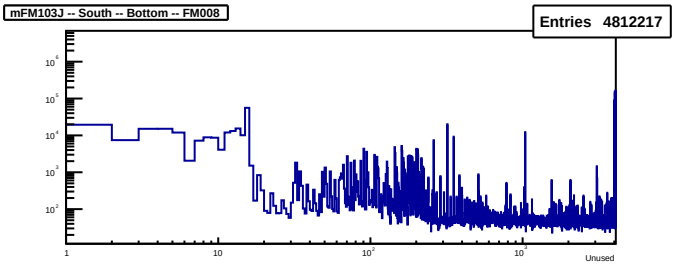
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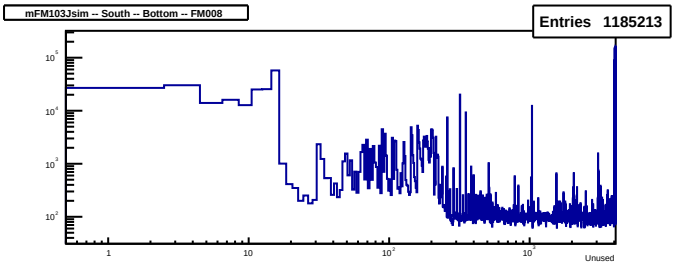
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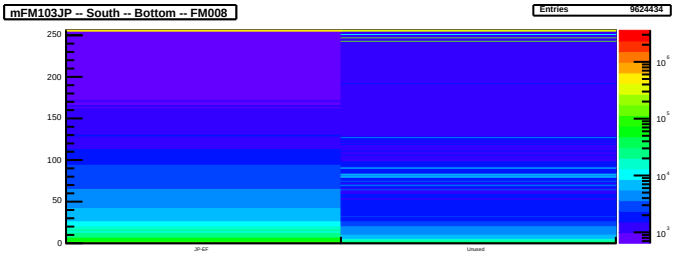
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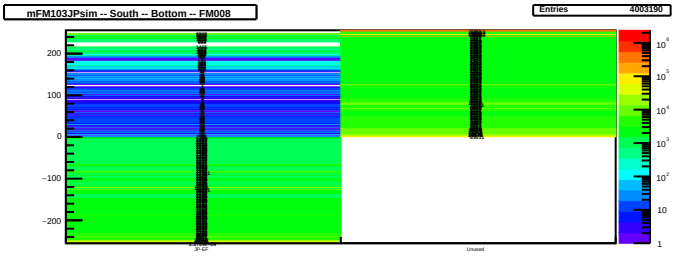
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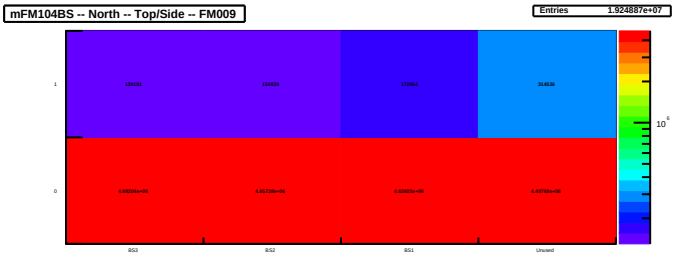
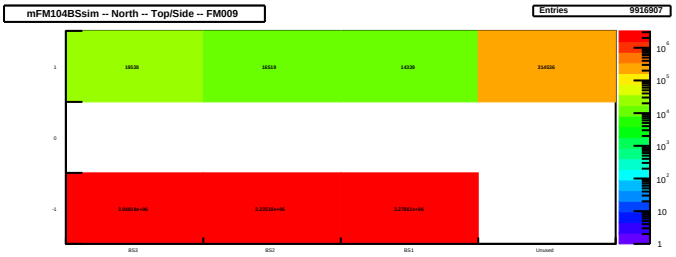
Entries 4003190


mFM104BS -- North -- Top/Side -- FM009
Entries 1.924887e+07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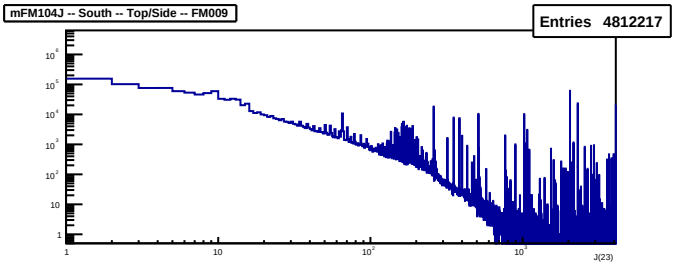
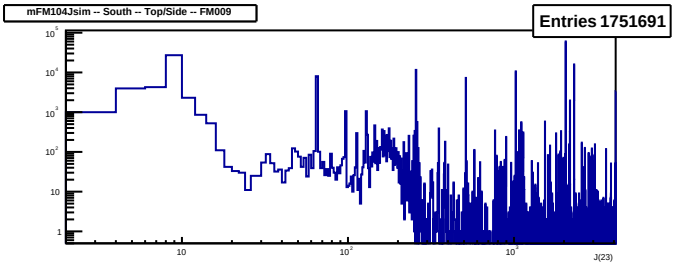
Entries 9916907


mFM104J -- South -- Top/Side -- FM009
Entries 4812217
J(23)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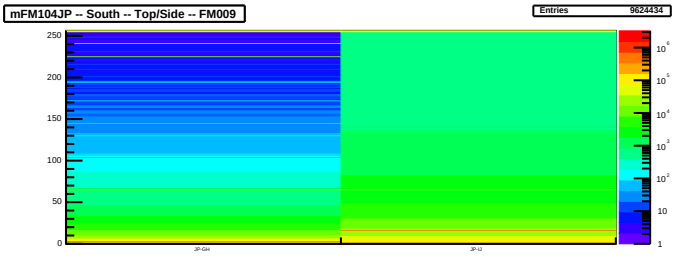
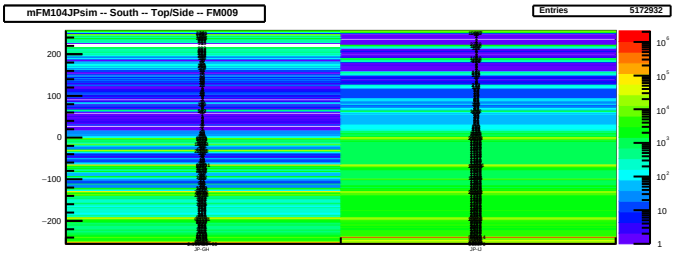
Entries 1751691
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 9624434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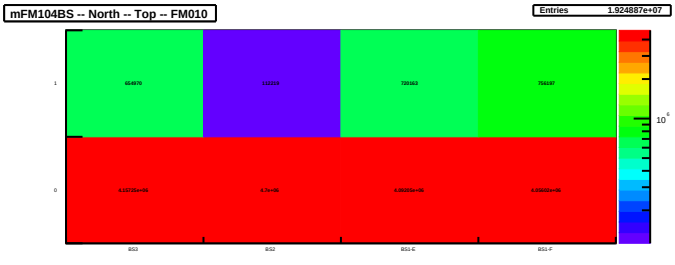
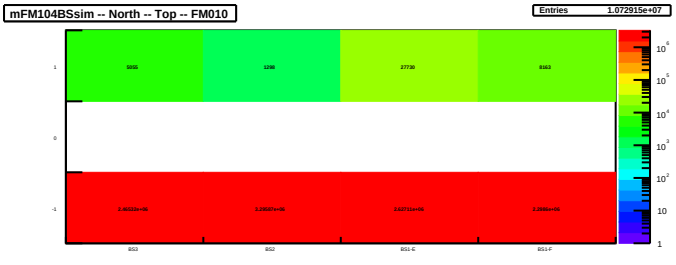
Entries 5172932


mFM104BS -- North -- Top -- FM010
Entries 1.924887e+07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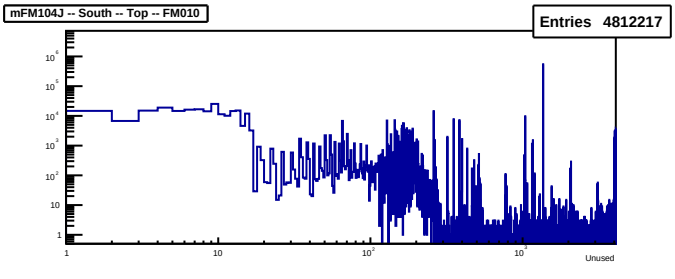
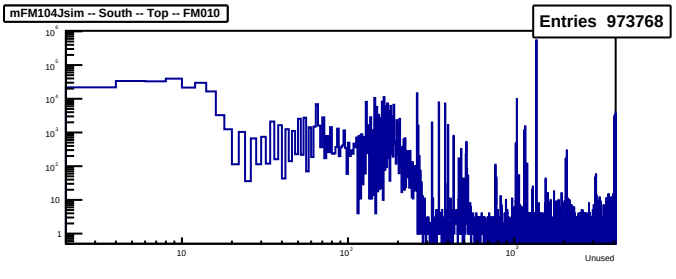
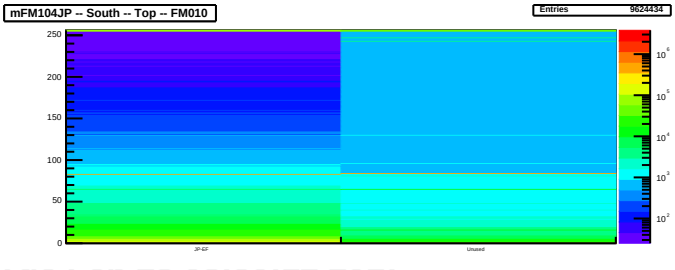
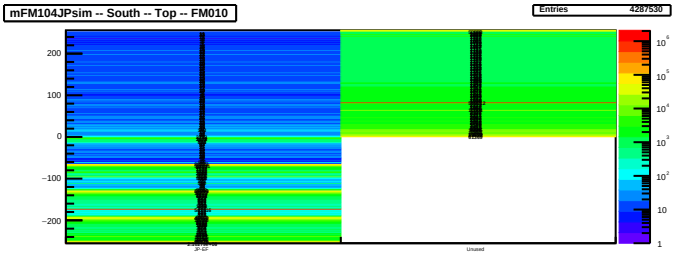
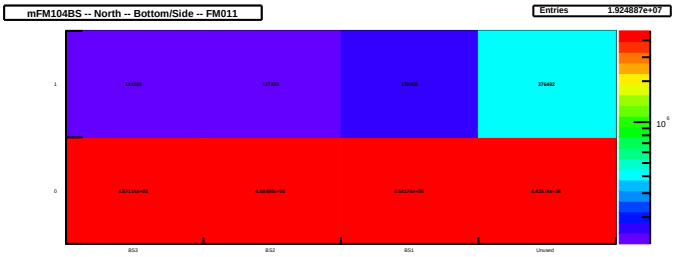
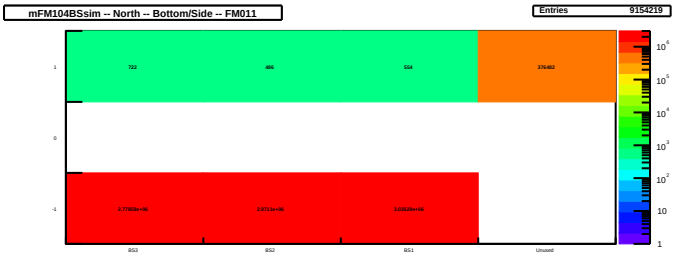

mFM104J -- South -- Top -- FM010
Entries 4812217
Unused

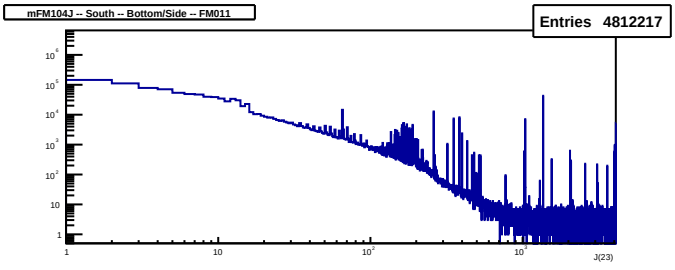

mFM104Jsim -- South -- Top -- FM010
Entries 973768
Unused

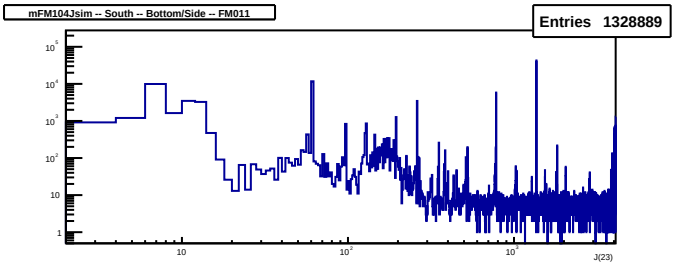

mFM104JP -- South -- Top -- FM010
Entries 9624434

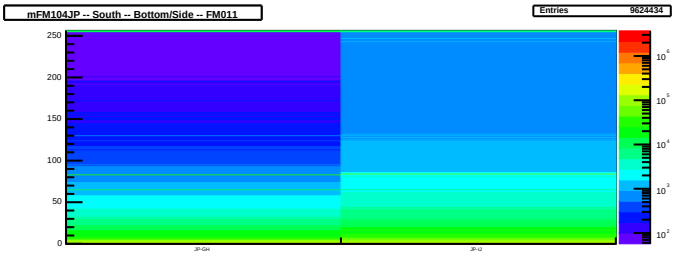

mFM104JPsim -- South -- Top -- FM010
Entries 4287530

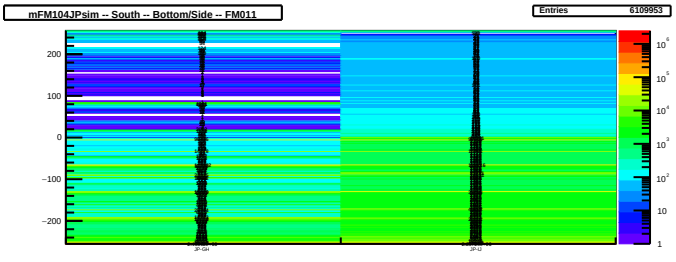

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.924887e+07

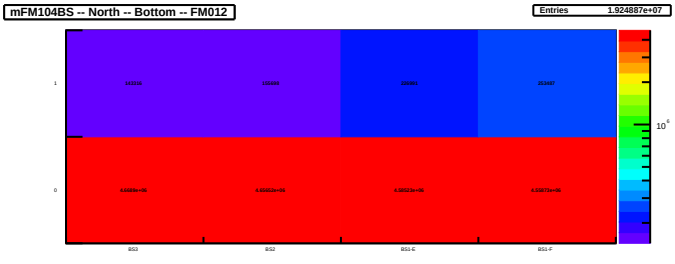

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 9154219

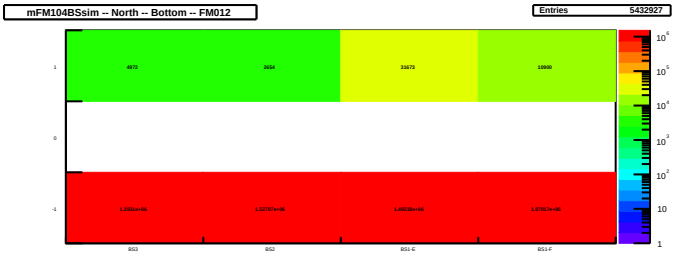

mFM104J -- South -- Bottom/Side -- FM011
Entries 4812217
J(23)

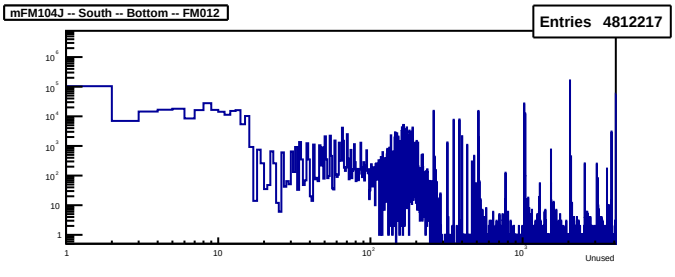

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1328889
J(23)

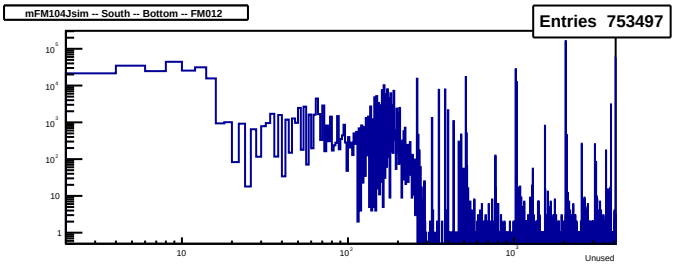

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9624434


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 6109953


mFM104BS -- North -- Bottom -- FM012
Entries 1.924887e+07


mFM104BSsim -- North -- Bottom -- FM012
Entries 5432927


mFM104J -- South -- Bottom -- FM012
Entries 4812217
Unused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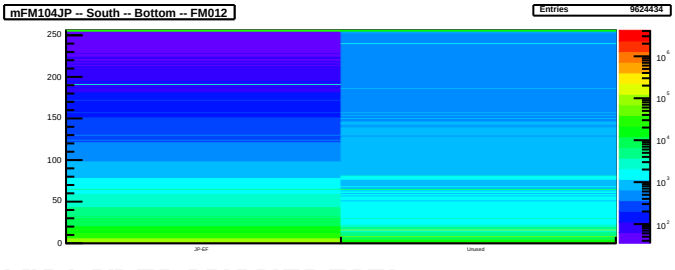
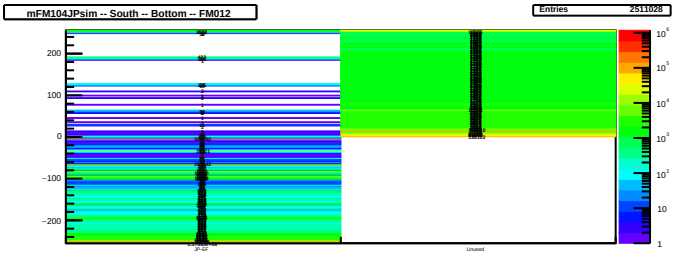
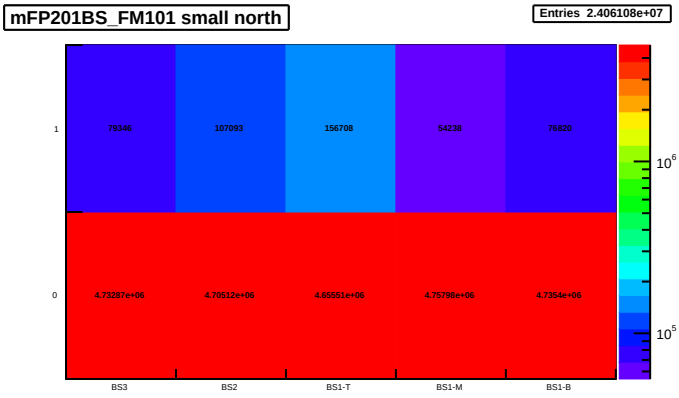
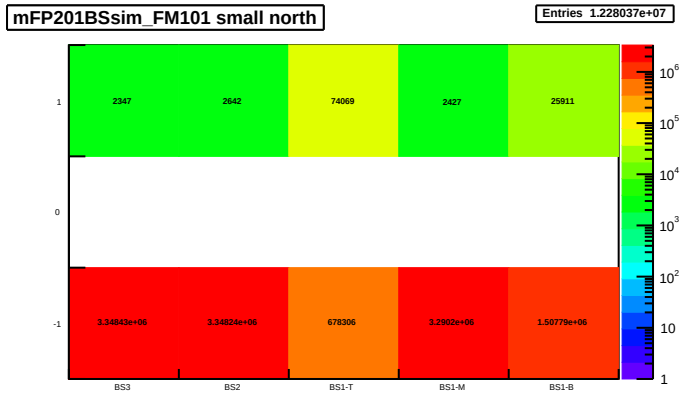
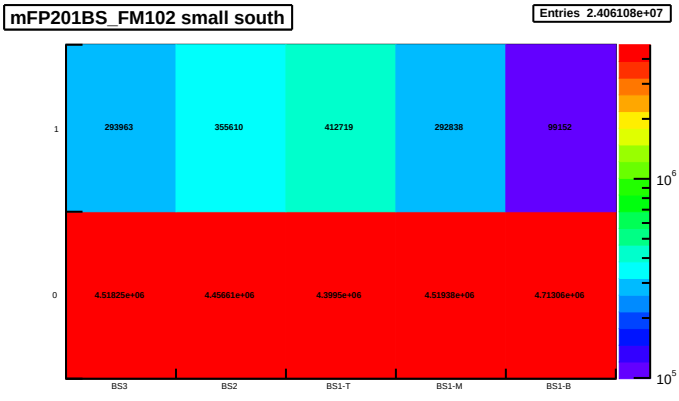
Entries 753497
Unused


mFM104JP -- South -- Bottom -- FM012
Entries 9624434


mFM104JPsim -- South -- Bottom -- FM012
Entries 2511028


mFP201BS_FM101 small north
Entries 2.406108e+07
1
0
79346
107093
156708
54238
76820
4.73287e+06
4.70512e+06
4.65551e+06
4.75798e+06
4.7354e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5


mFP201BSsim_FM101 small north
Entries 1.228037e+07
1
0
-1
2347
2642
74069
2427
25911
3.34843e+06
3.34824e+06
678306
3.2902e+06
1.50779e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 2.406108e+07
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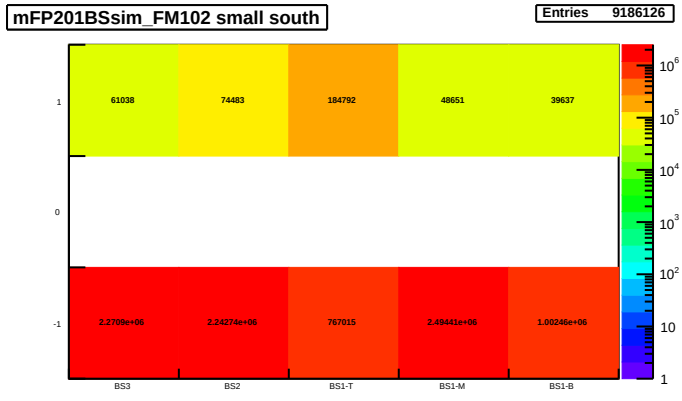
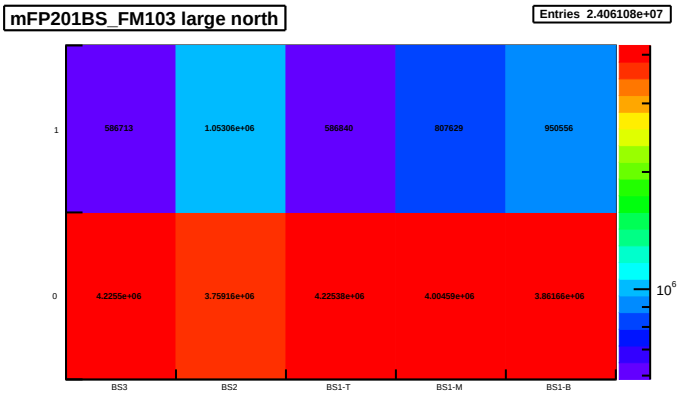
0
293963
355610
412719
292838
99152
4.51825e+06
4.45661e+06
4.3995e+06
4.51938e+06
4.71306e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5


mFP201BSsim_FM102 small south
Entries 9186126
1
0
-1
61038
74483
184792
48651
39637
2.2709e+06
2.24274e+06
767015
2.49441e+06
1.00246e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 2.406108e+07
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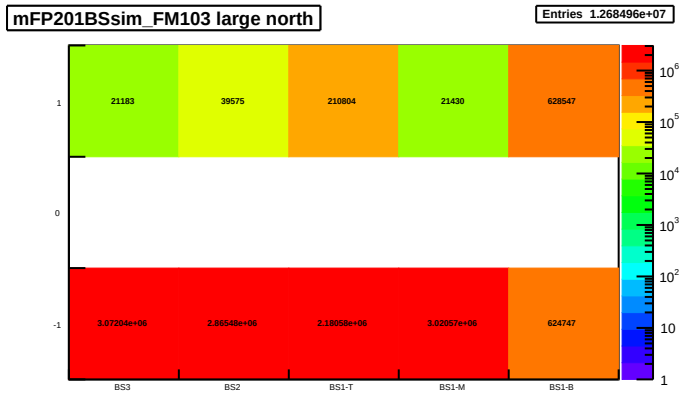
0
586713
1.05306e+06
586840
807629
950556
4.2255e+06
3.75916e+06
4.22538e+06
4.00459e+06
3.86166e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM103 large north
Entries 1.268496e+07
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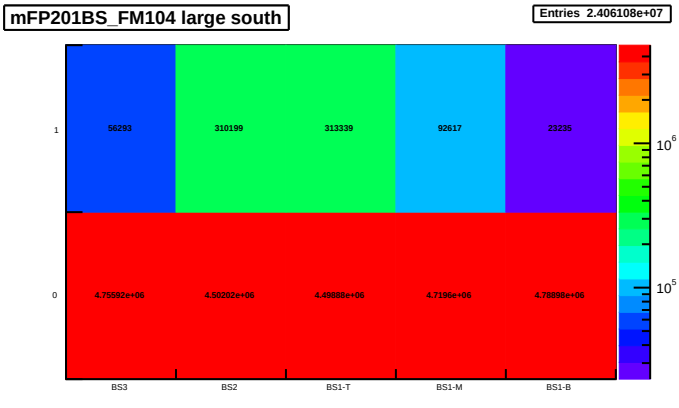
0
-1
21183
39575
210804
21430
628547
3.07204e+06
2.86548e+06
2.18058e+06
3.02057e+06
624747
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM104 large south
Entries 2.406108e+07
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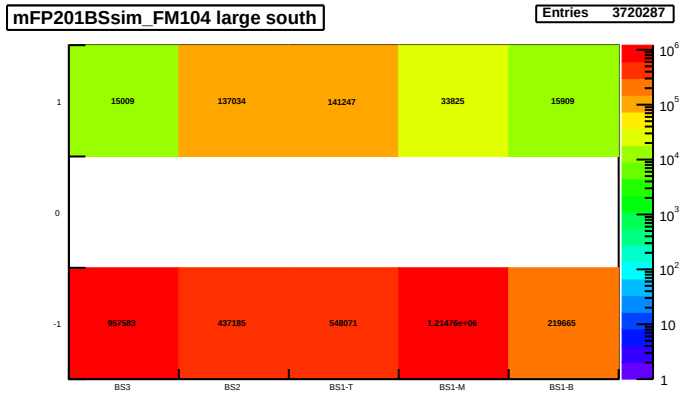
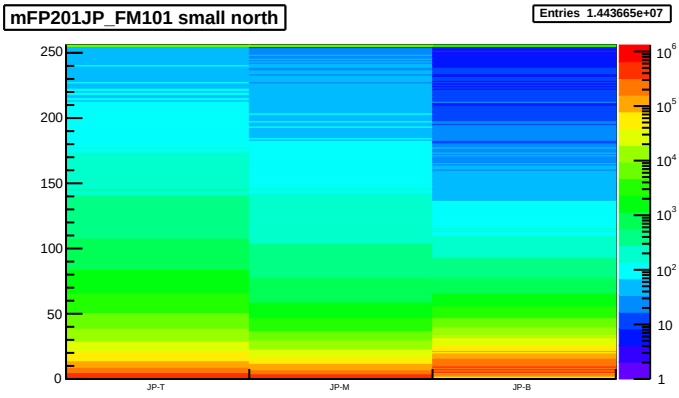
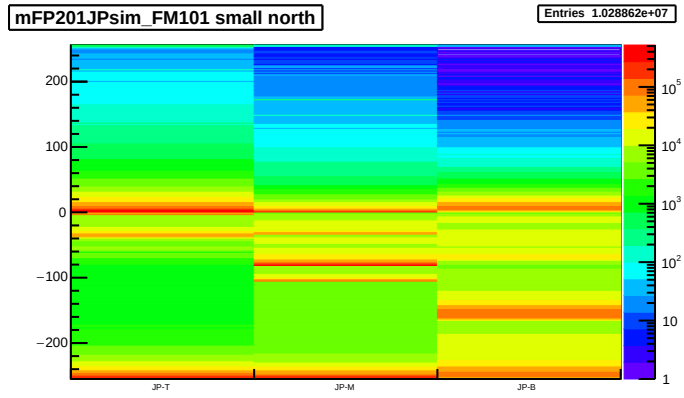
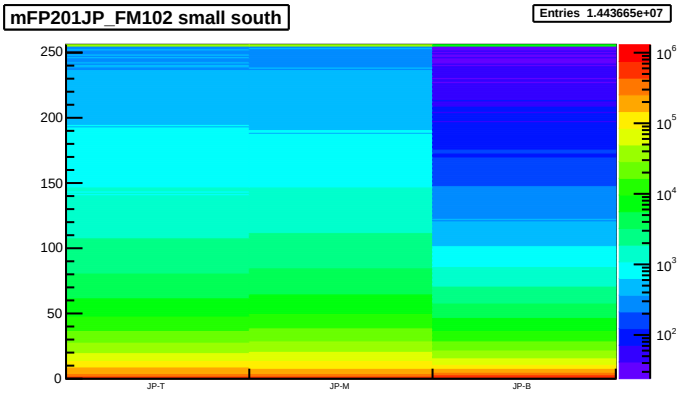
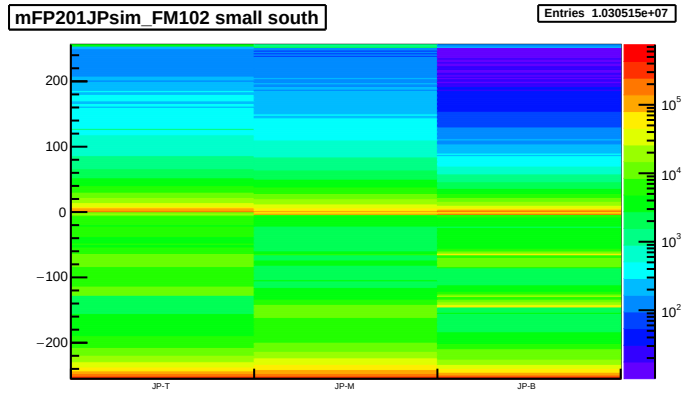
0
56293
310199
313339
92617
23235
4.75592e+06
4.50202e+06
4.49888e+06
4.7196e+06
4.78898e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

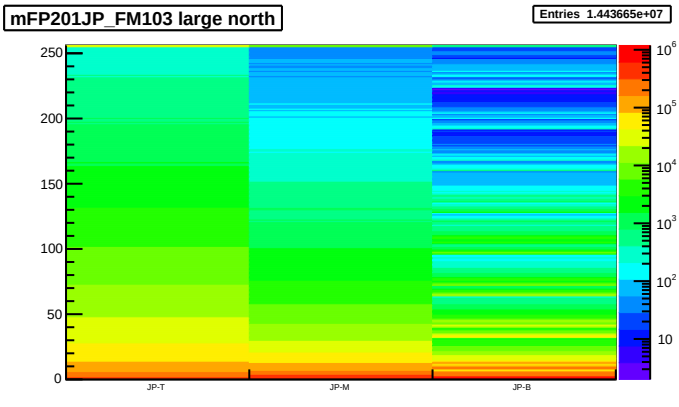

mFP201BSsim_FM104 large south
Entries 3720287
1
0
-1
15009
137034
141247
33825
15909
957583
437185
548071
1.21476e+06
219665
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

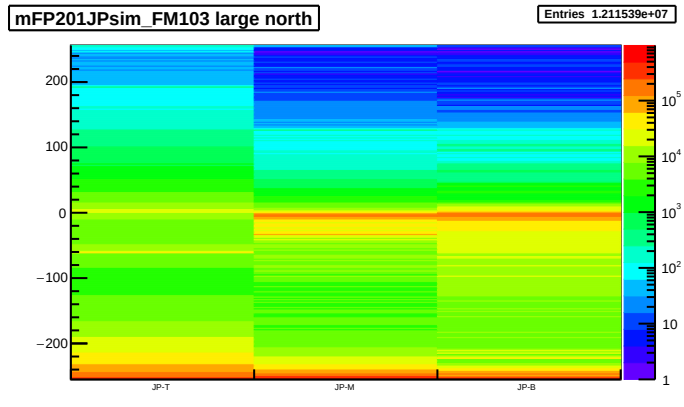

mFP201JP_FM101 small north
Entries 1.443665e+07
JP-T
JP-M
JP-B

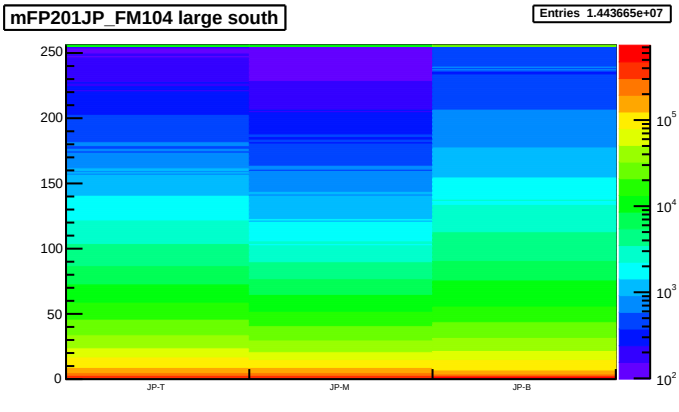

mFP201JPsim_FM101 small north
Entries 1.028862e+07
JP-T
JP-M
JP-B

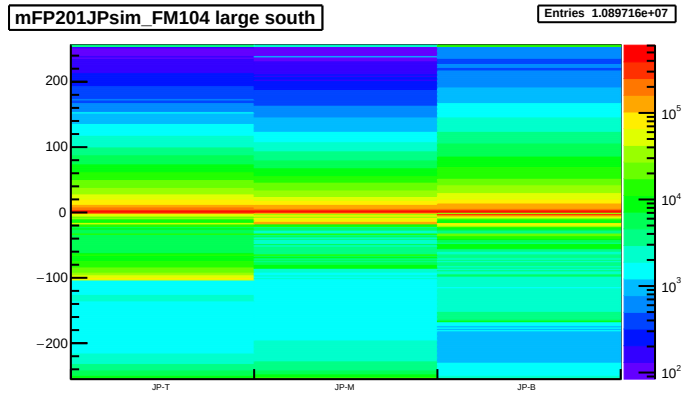

mFP201JP_FM102 small south
Entries 1.443665e+07
JP-T
JP-M
JP-B

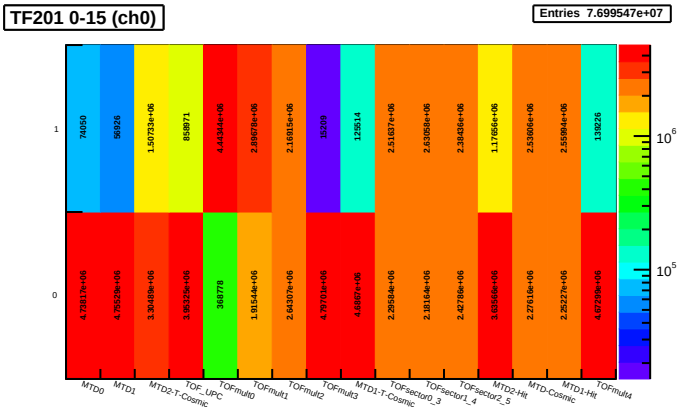

mFP201JPsim_FM102 small south
Entries 1.030515e+07
JP-T
JP-M
JP-B

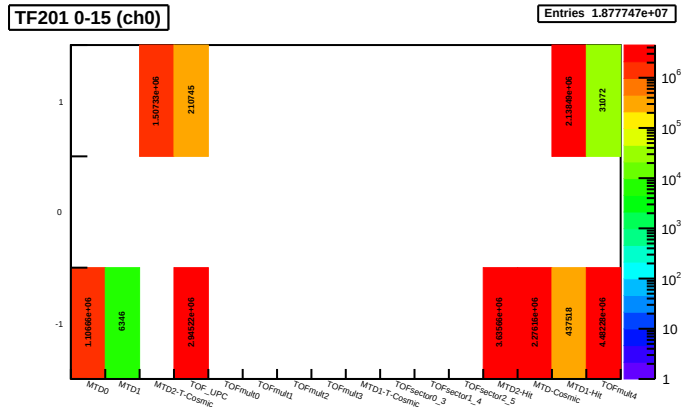

mFP201JP_FM103 large north
Entries 1.443665e+07
JP-T
JP-M
JP-B

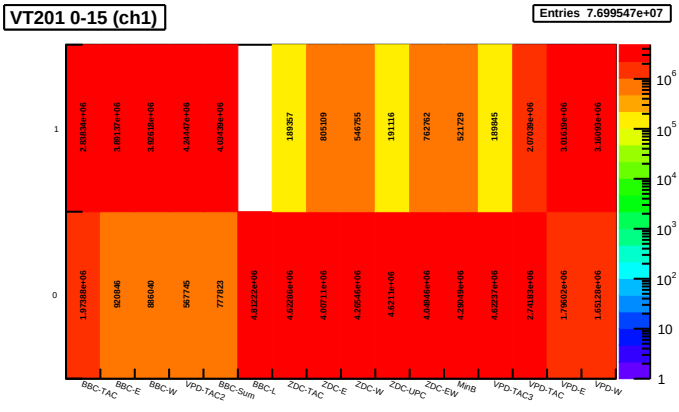

mFP201JPsim_FM103 large north
Entries 1.211539e+07
JP-T
JP-M
JP-B

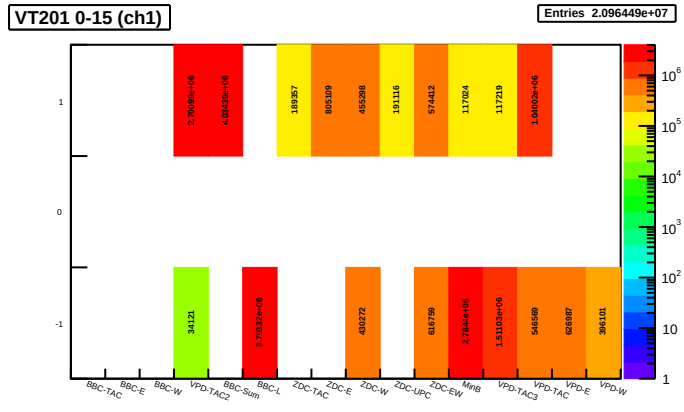

mFP201JP_FM104 large south
Entries 1.443665e+07
JP-T
JP-M
JP-B

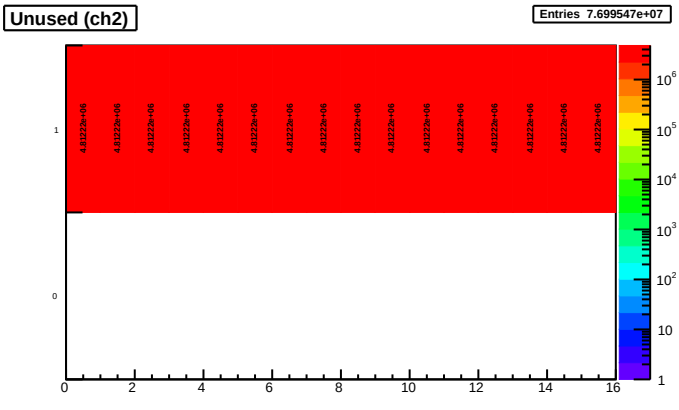

mFP201JPsim_FM104 large south
Entries 1.089716e+07
JP-T
JP-M
JP-B

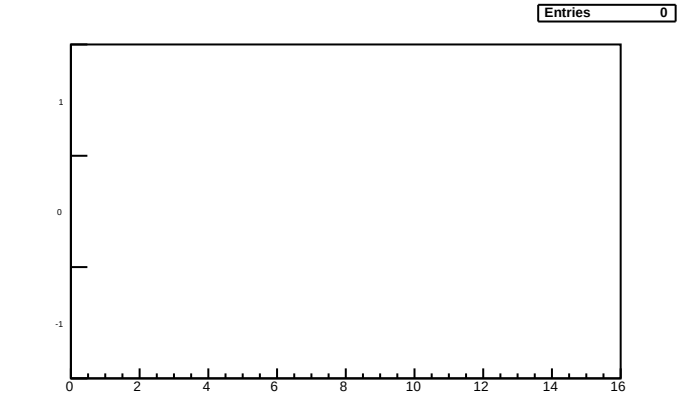

TF201 0-15 (ch0)
Entries 7.699547e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

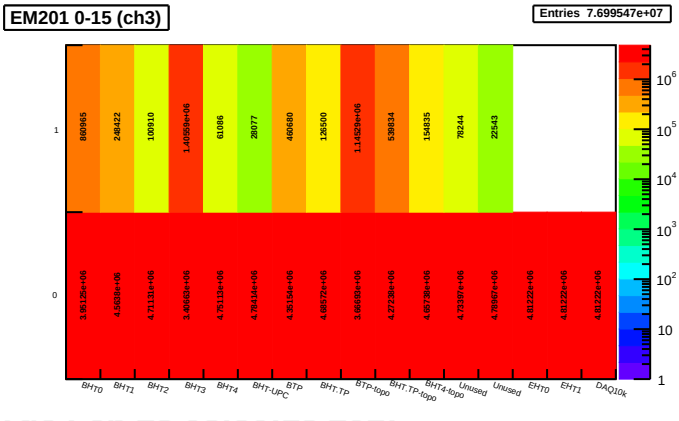

TF201 0-15 (ch0)
Entries 1.877747e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

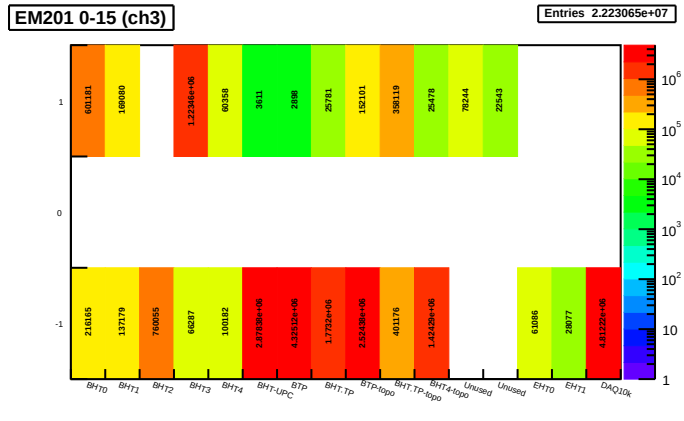

VT201 0-15 (ch1)
Entries 7.699547e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

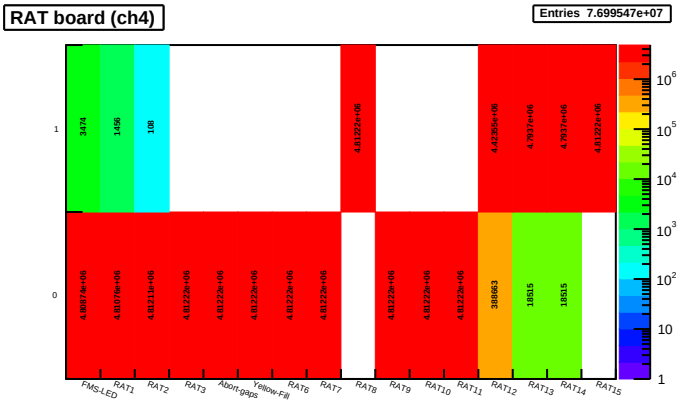

VT201 0-15 (ch1)
Entries 2.096449e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

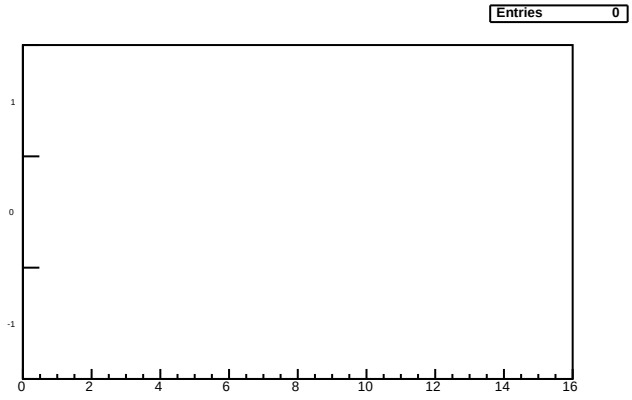

Unused (ch2)
Entries 7.699547e+07

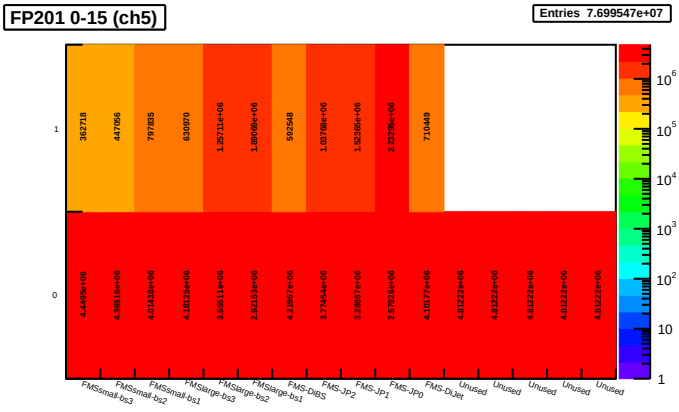

Entries 0

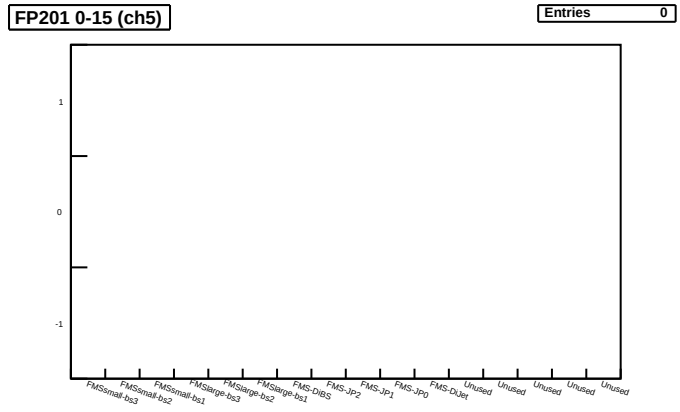

EM201 0-15 (ch3)
Entries 7.699547e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT.TP
BTP-topo
BHT.TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

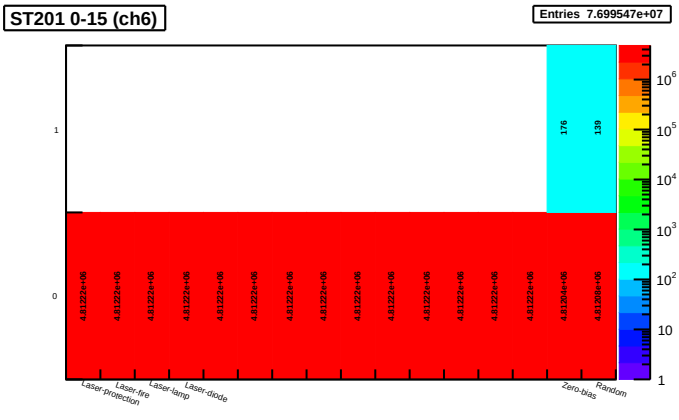

EM201 0-15 (ch3)
Entries 2.223065e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT.TP
BTP-topo
BHT.TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

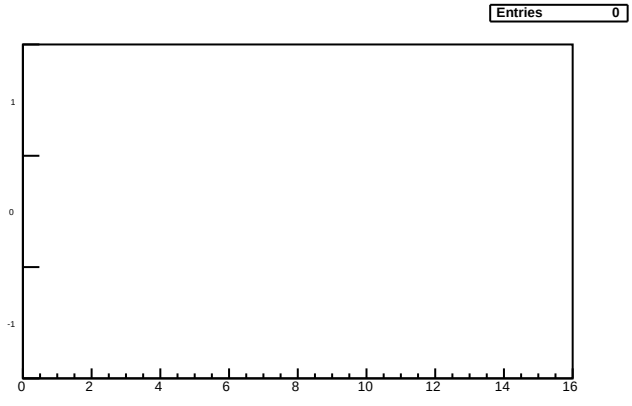

RAT board (ch4)
Entries 7.699547e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

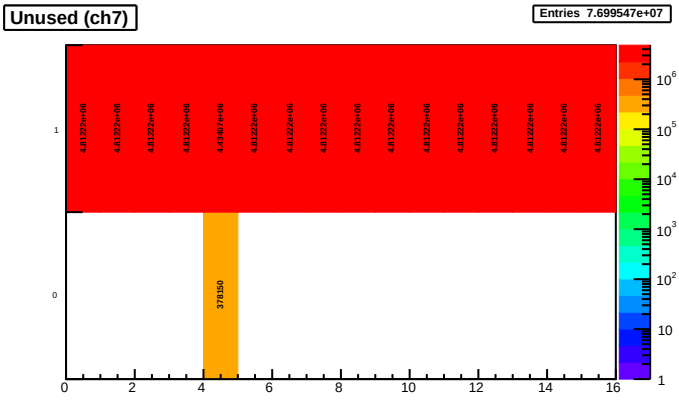

Entries 0

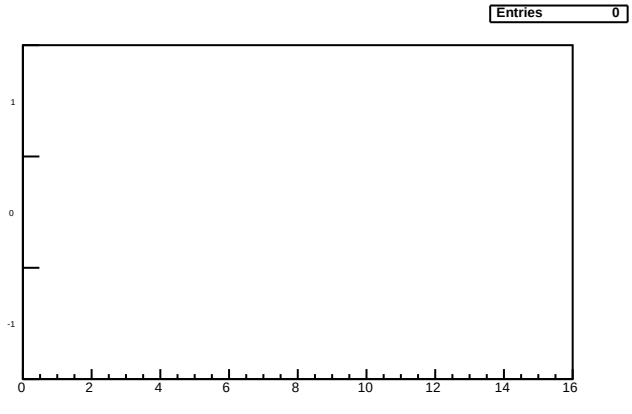

FP201 0-15 (ch5)
Entries 7.699547e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 7.699547e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 7.699547e+07


Entries 0