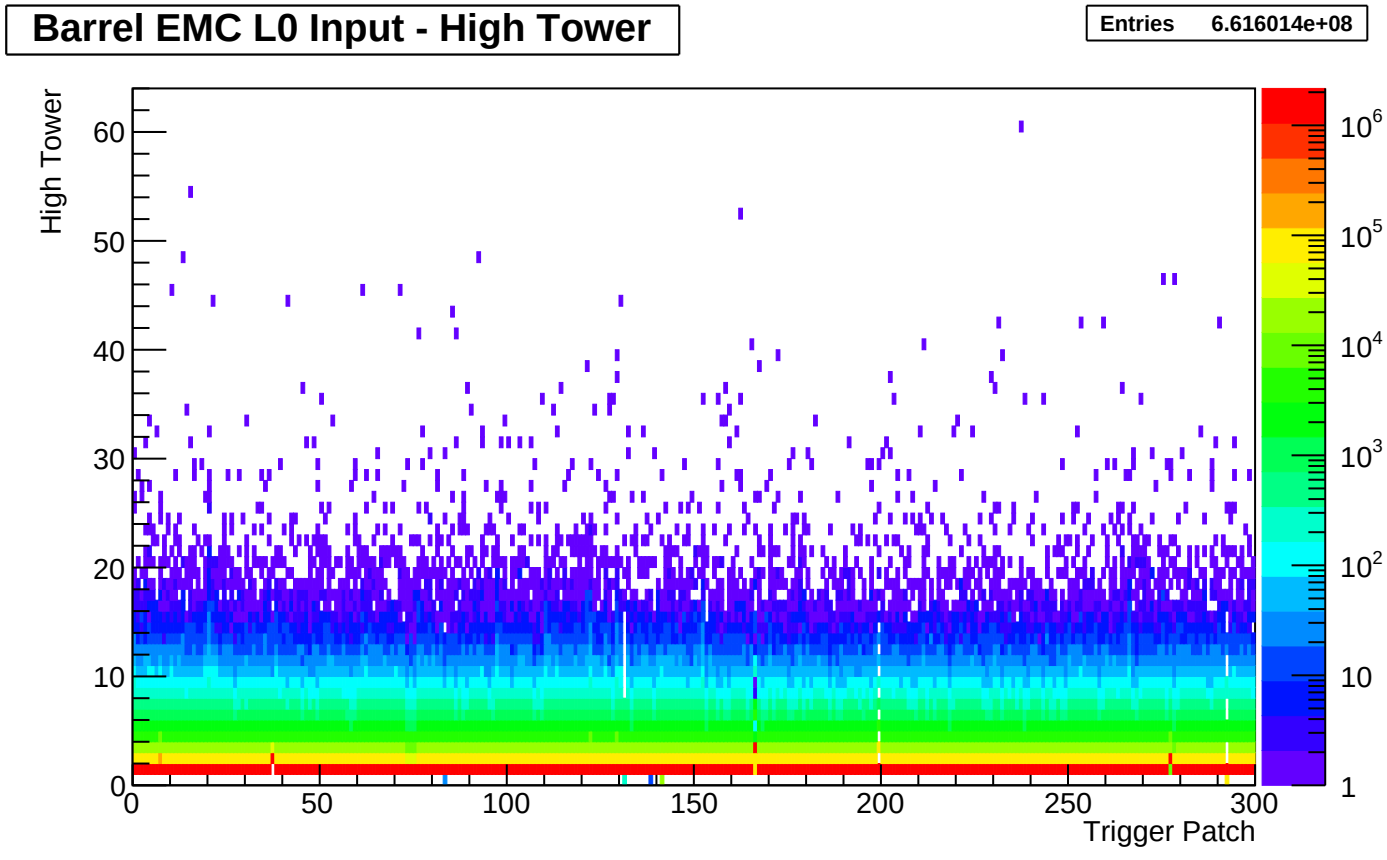
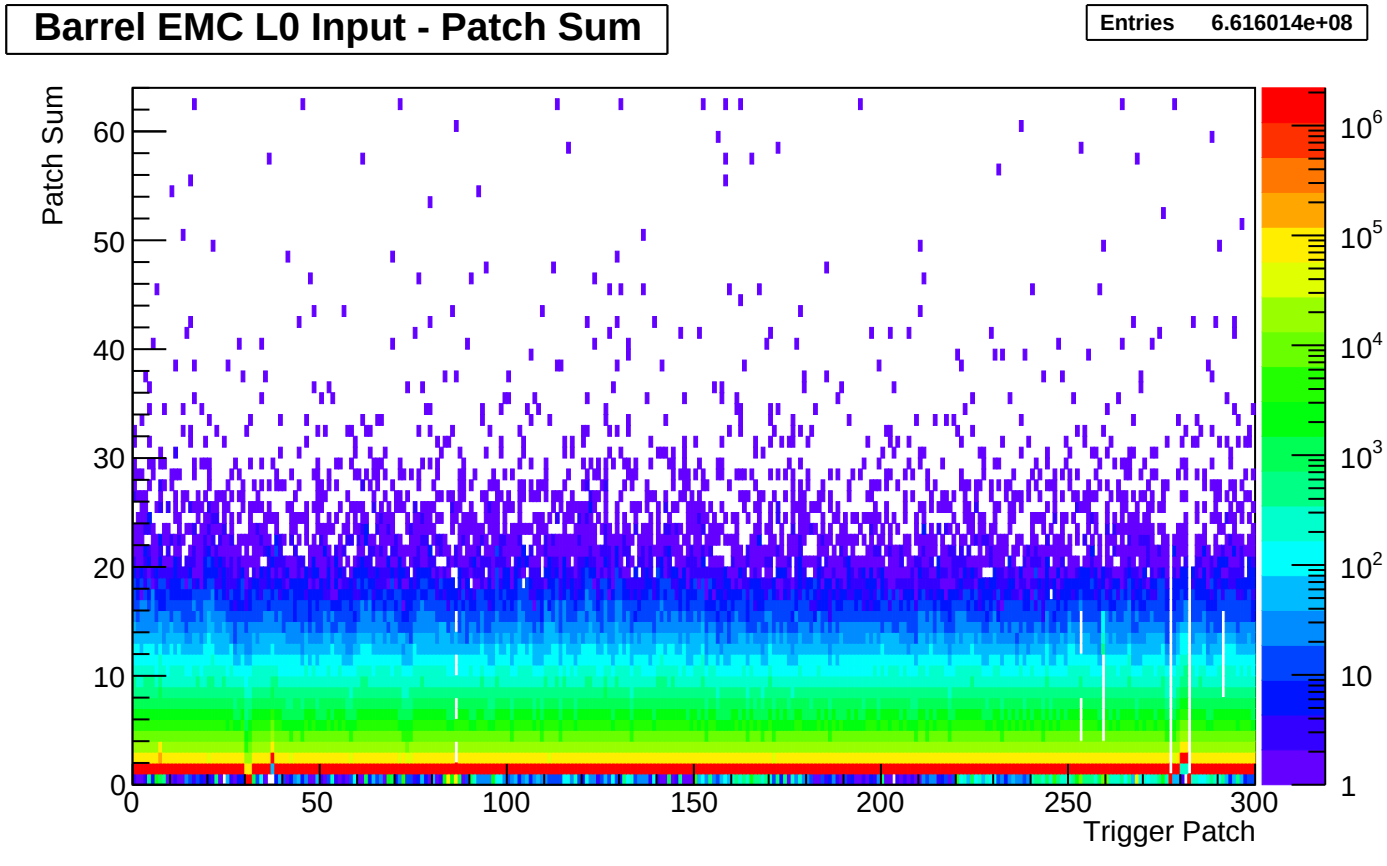
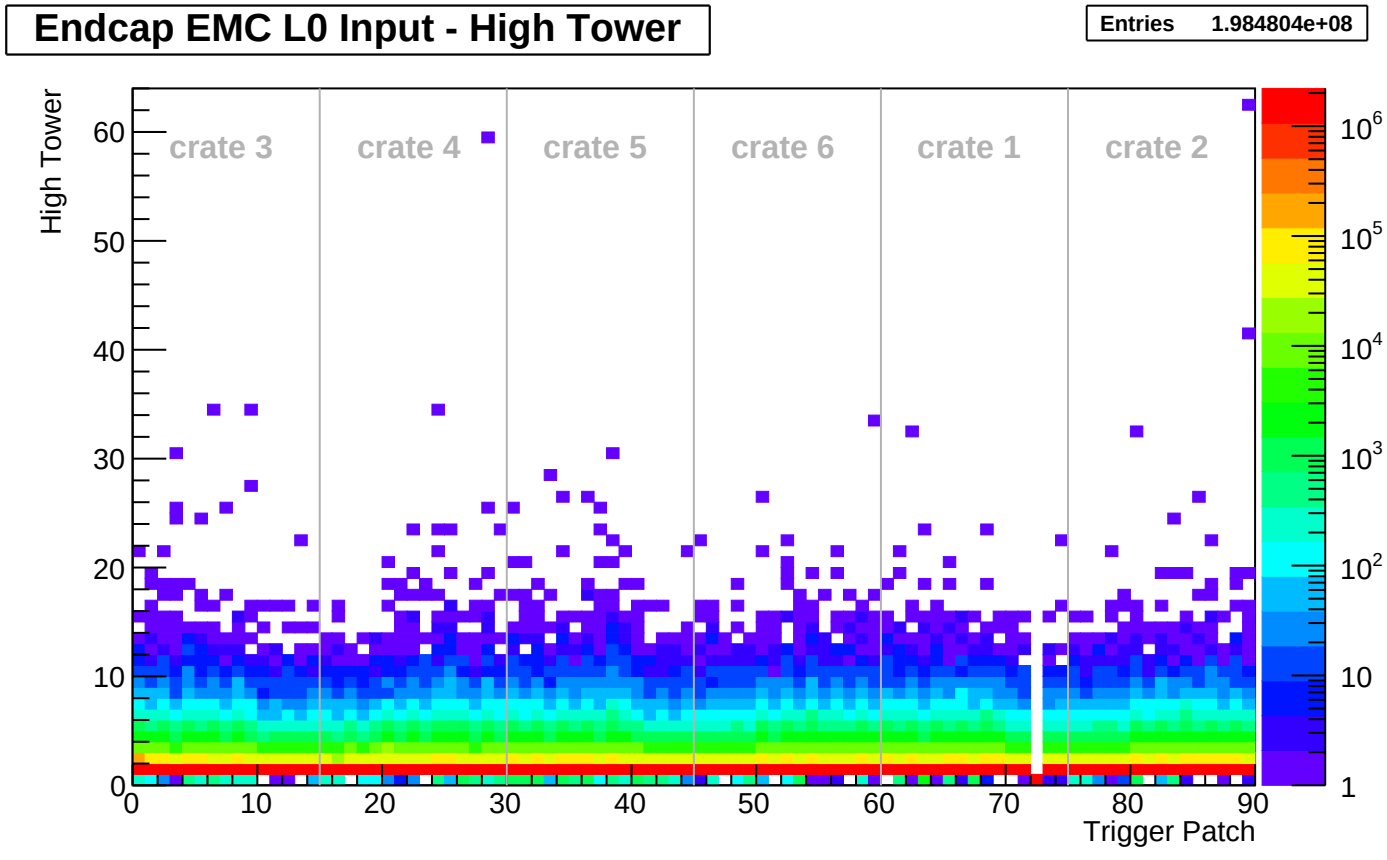
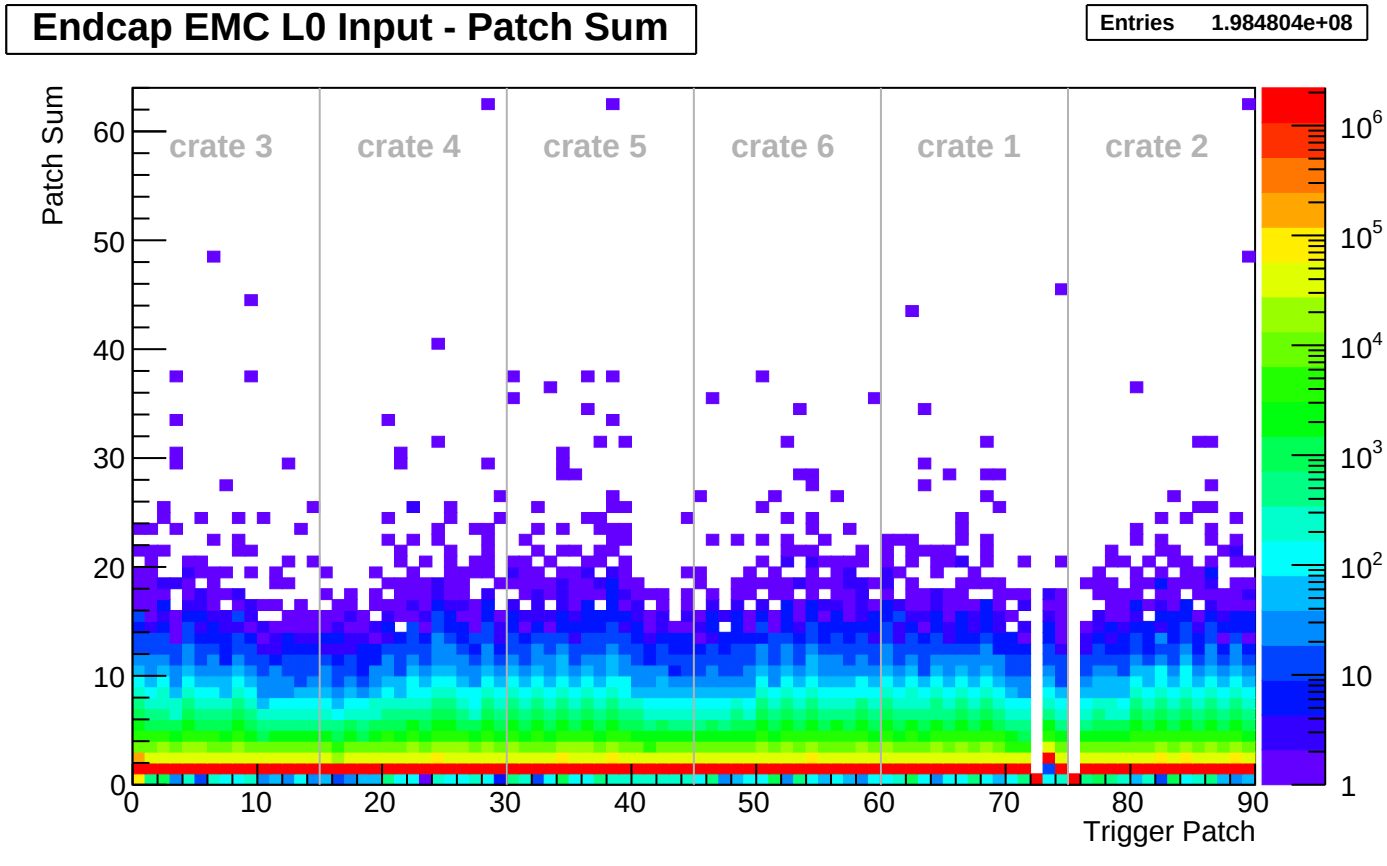
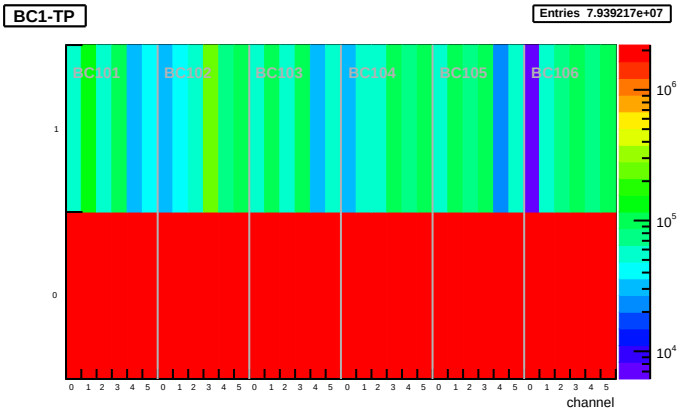
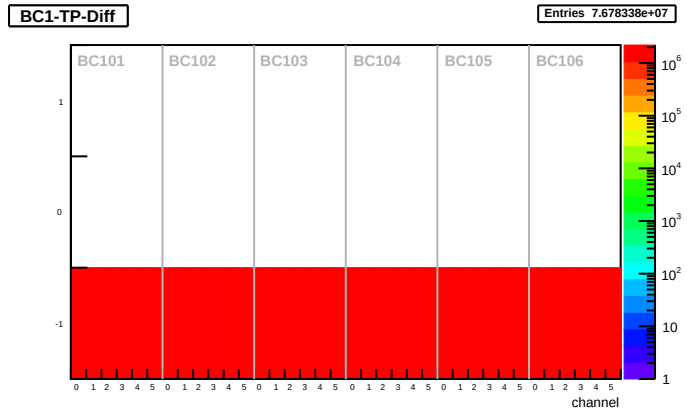

Barrel EMC L0 Input - High Tower
Entries 6.616014e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

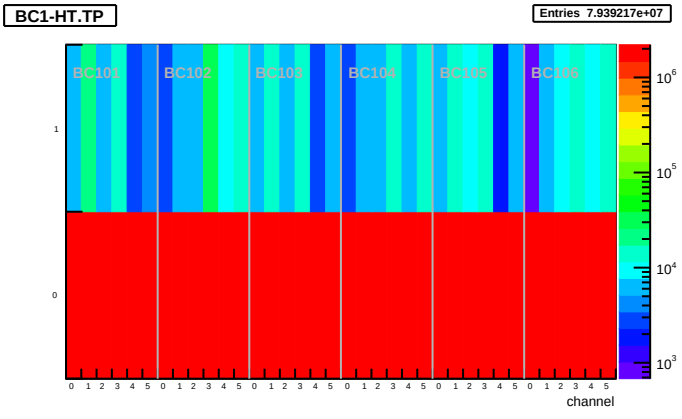

Barrel EMC L0 Input - Patch Sum
Entries 6.616014e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

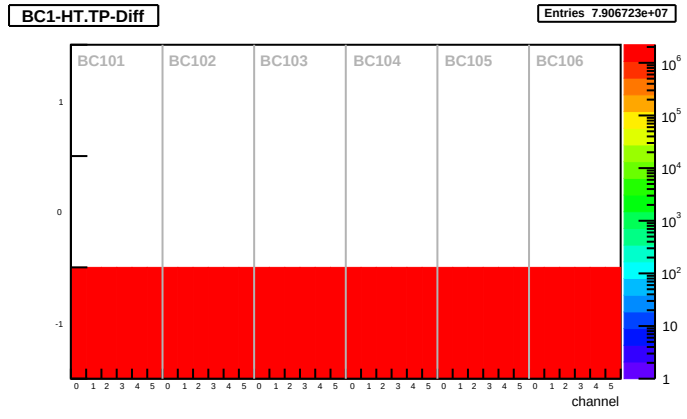

Endcap EMC L0 Input - High Tower
Entries 1.984804e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

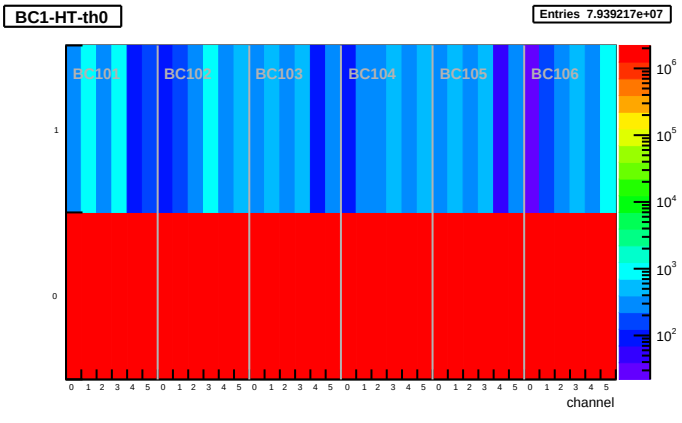

Endcap EMC L0 Input - Patch Sum
Entries 1.984804e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

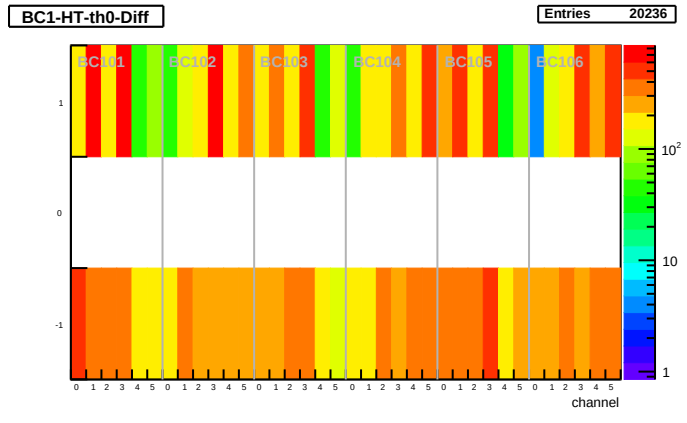

BC1-TP
Entries 7.939217e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

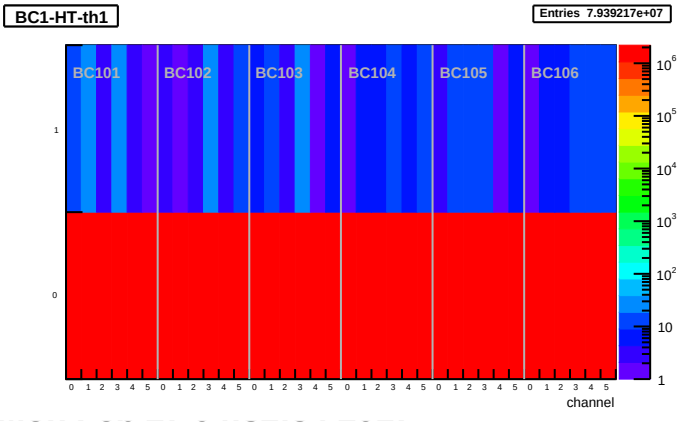

BC1-TP-Diff
Entries 7.678338e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

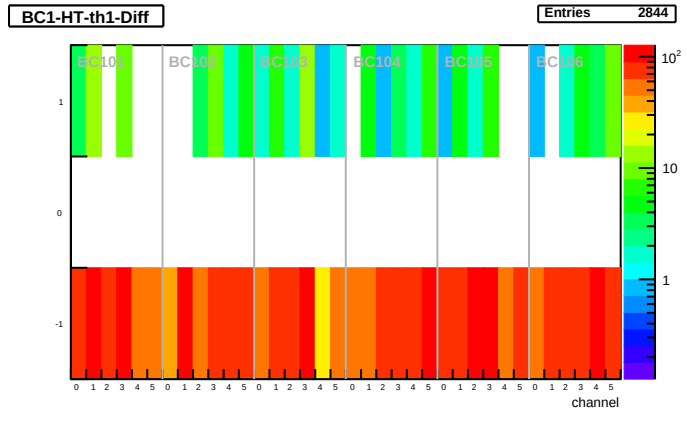

BC1-HT.TP
Entries 7.939217e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

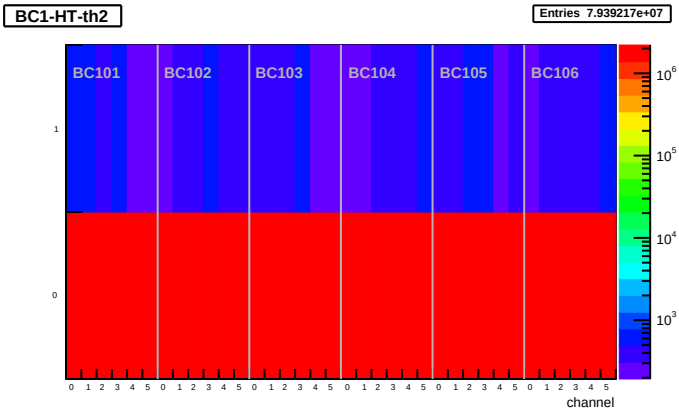

BC1-HT.TP-Diff
Entries 7.906723e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

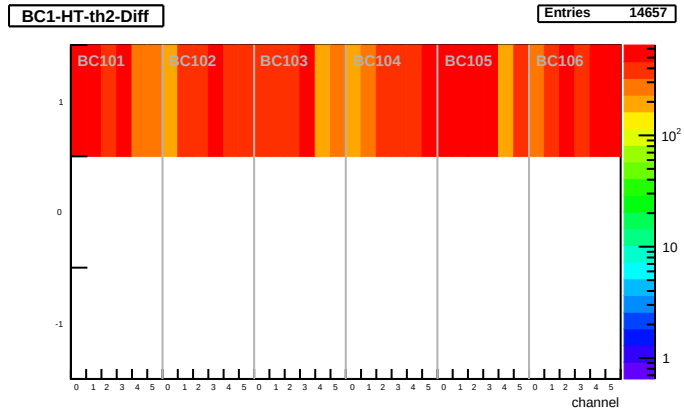

BC1-HT-th0
Entries 7.939217e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

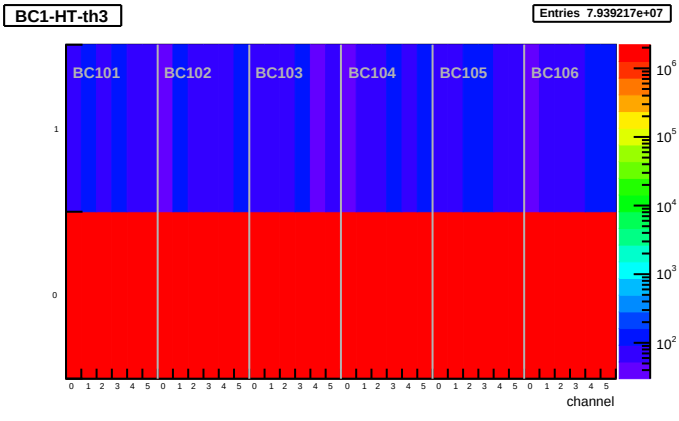

BC1-HT-th0-Diff
Entries 20236
BC101
BC102
BC103
BC104
BC105
BC106
channel

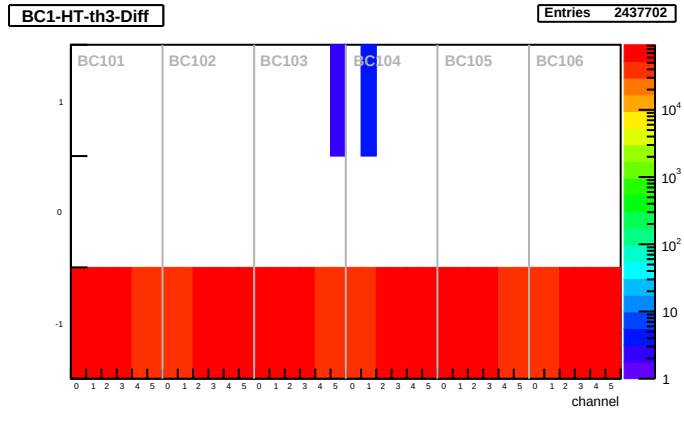

BC1-HT-th1
Entries 7.939217e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

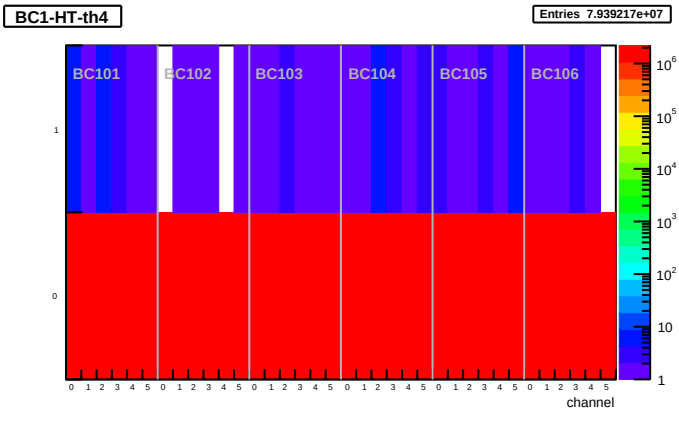

BC1-HT-th1-Diff
Entries 2844
BC101
BC102
BC103
BC104
BC105
BC106
channel

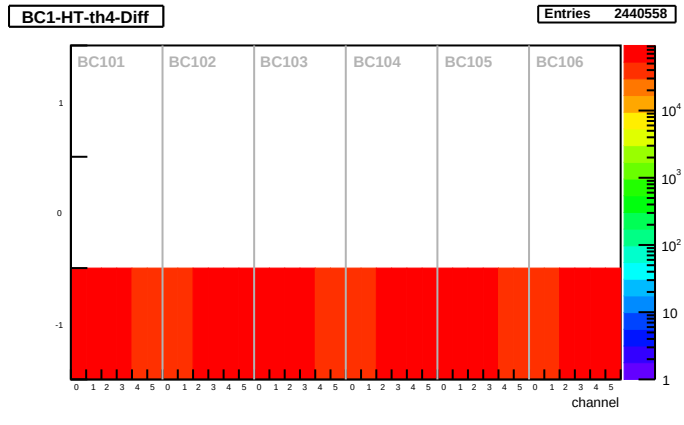

BC1-HT-th2
Entries 7.939217e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

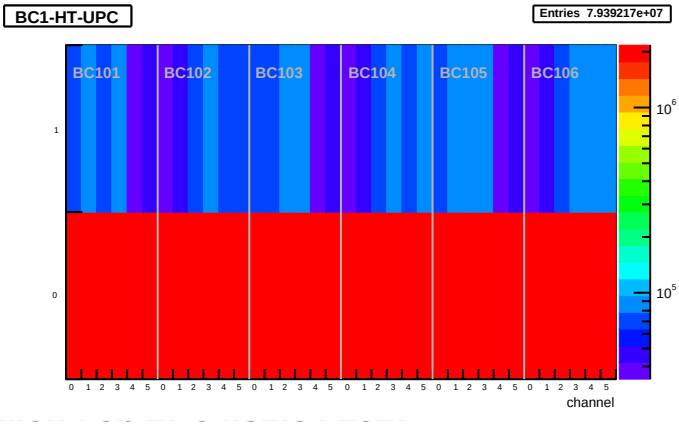

BC1-HT-th2-Diff
Entries 14657
BC101
BC102
BC103
BC104
BC105
BC106
channel

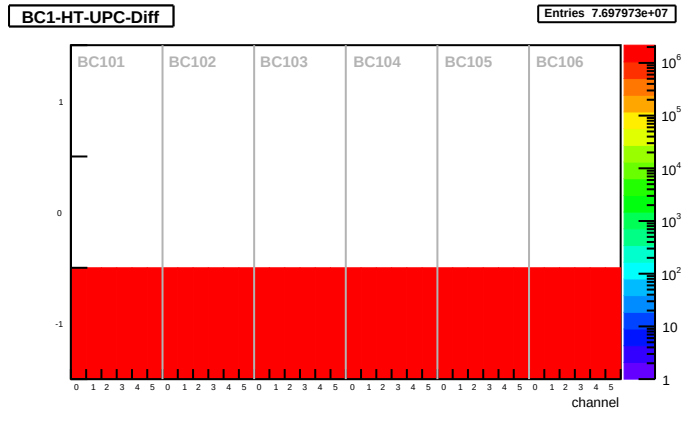

BC1-HT-th3
Entries 7.939217e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

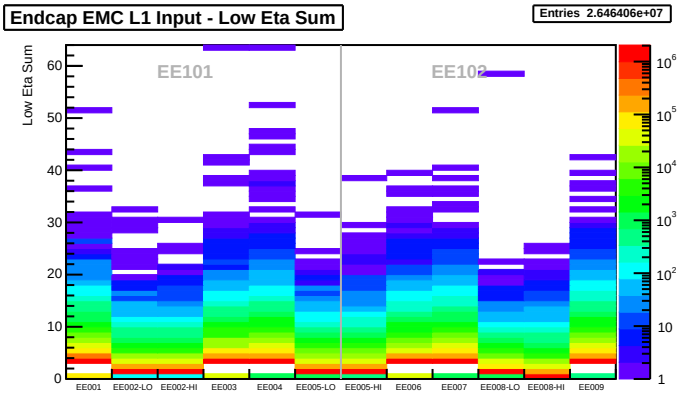

BC1-HT-th3-Diff
Entries 2437702
BC101
BC102
BC103
BC104
BC105
BC106
channel

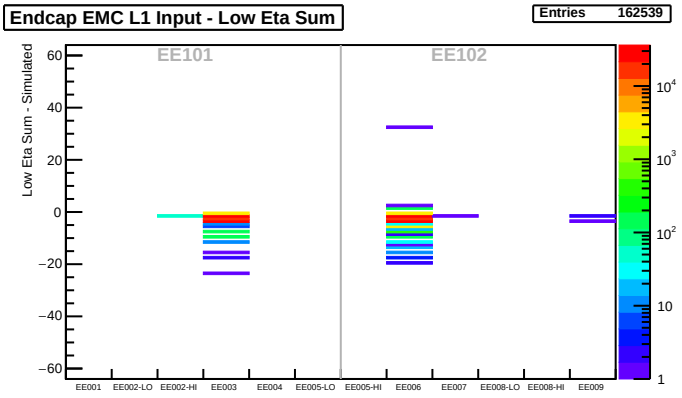

BC1-HT-th4
Entries 7.939217e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

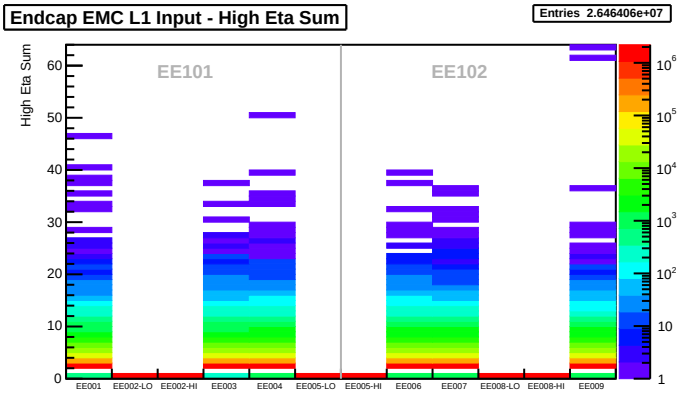

BC1-HT-th4-Diff
Entries 2440558
BC101
BC102
BC103
BC104
BC105
BC106
channel

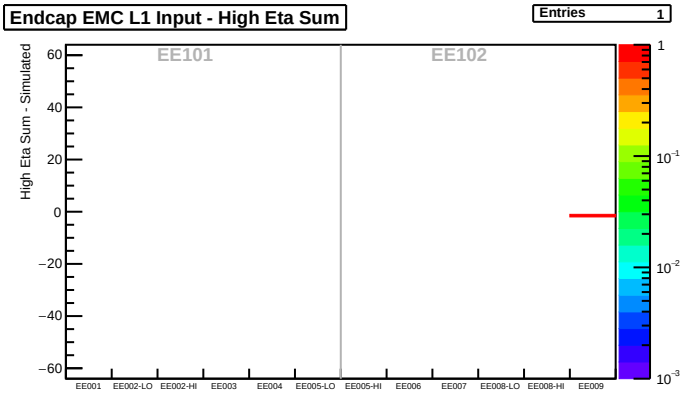

BC1-HT-UPC
Entries 7.939217e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

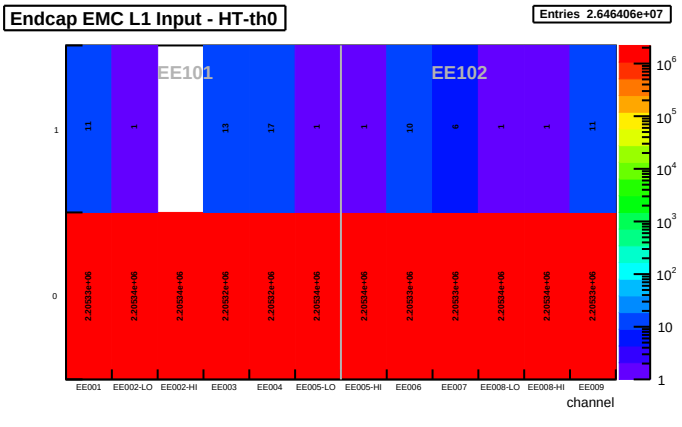

BC1-HT-UPC-Diff
Entries 7.697973e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

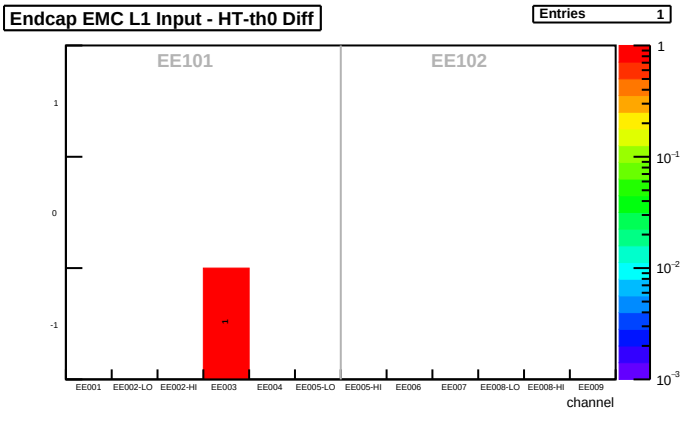

Endcap EMC L1 Input - Low Eta Sum
Entries 2.646406e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

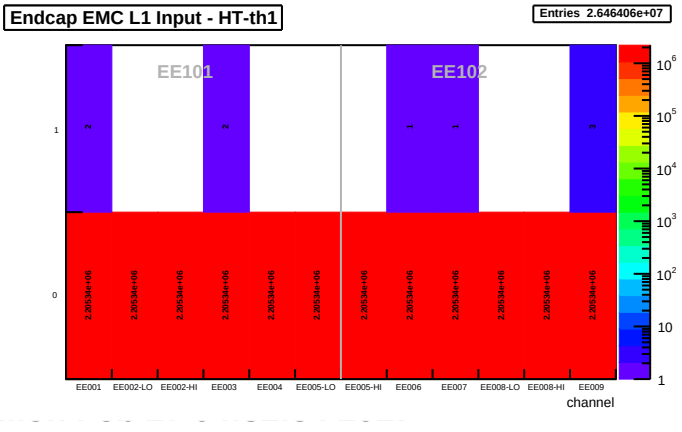

Endcap EMC L1 Input - Low Eta Sum
Entries 162539
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

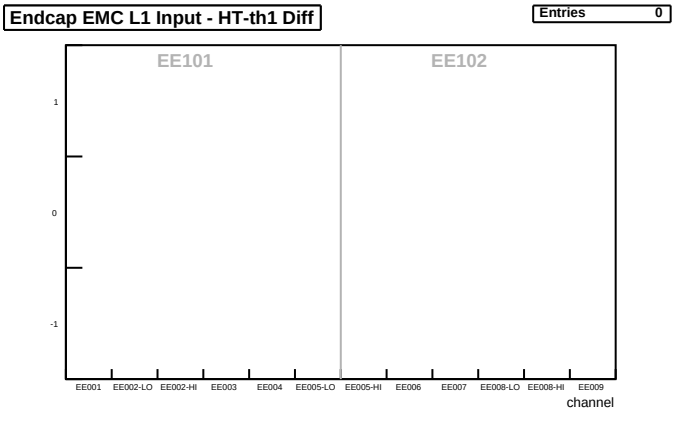

Endcap EMC L1 Input - High Eta Sum
Entries 2.646406e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

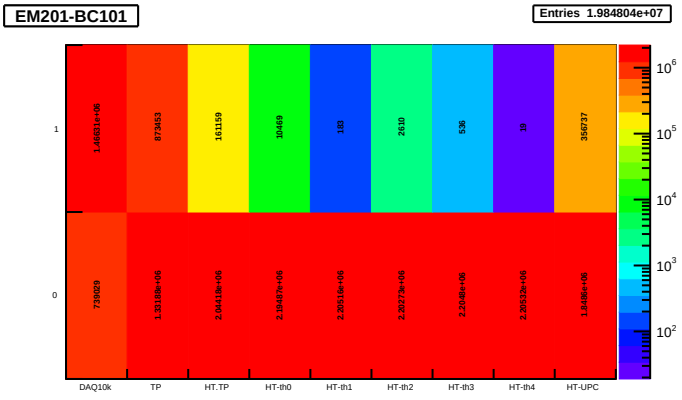

Endcap EMC L1 Input - High Eta Sum
Entries 1
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

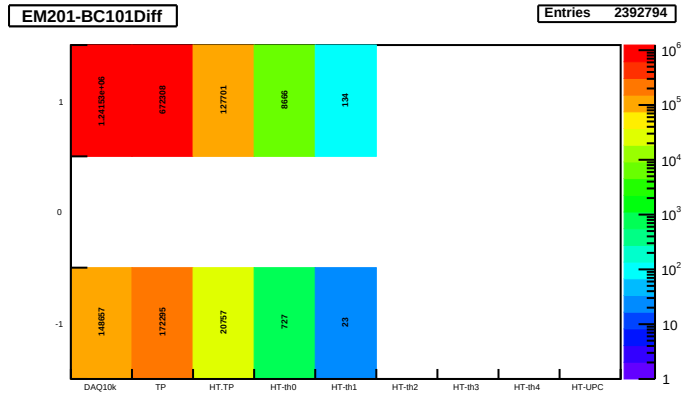

Endcap EMC L1 Input - HT-th0
Entries 2.646406e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

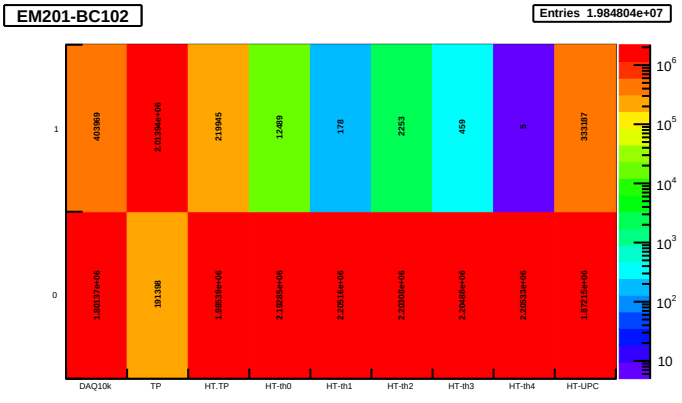

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

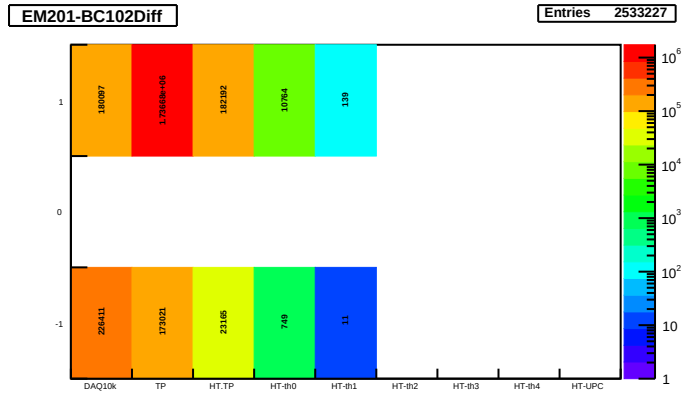

Endcap EMC L1 Input - HT-th1
Entries 2.646406e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

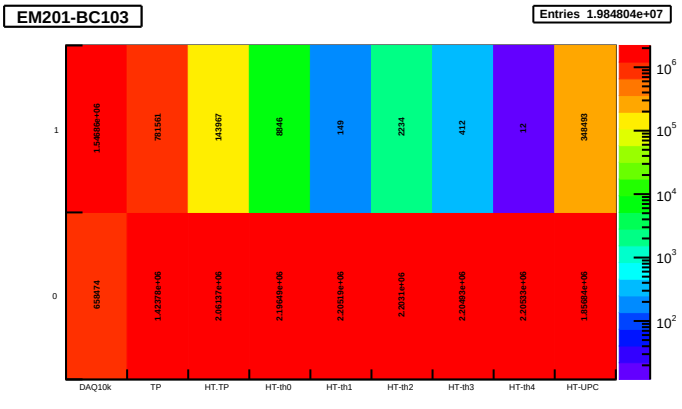

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

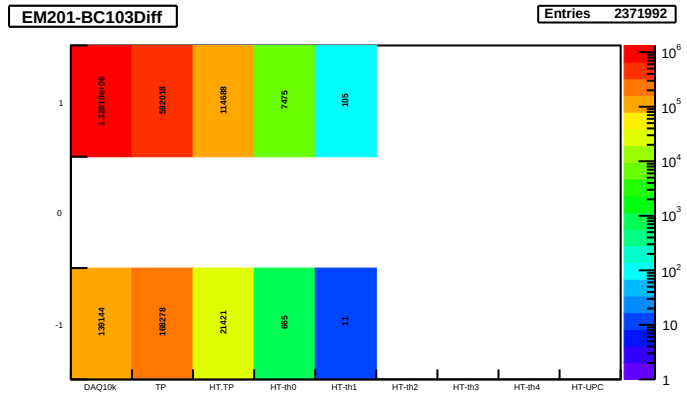

EM201-BC101
Entries 1.984804e+07
1.49831e+06
873453
161159
10469
183
2610
536
19
356737
739029
1.33188e+06
2.04418e+06
2.19487e+06
2.20516e+06
2.20273e+06
2.20428e+06
2.20532e+06
1.8408e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

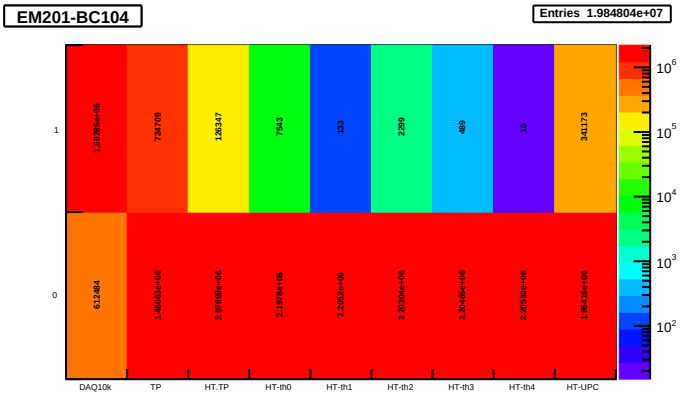

EM201-BC101Diff
Entries 2392794
1.24153e+06
672508
127701
8666
134
148657
172295
20767
727
23
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

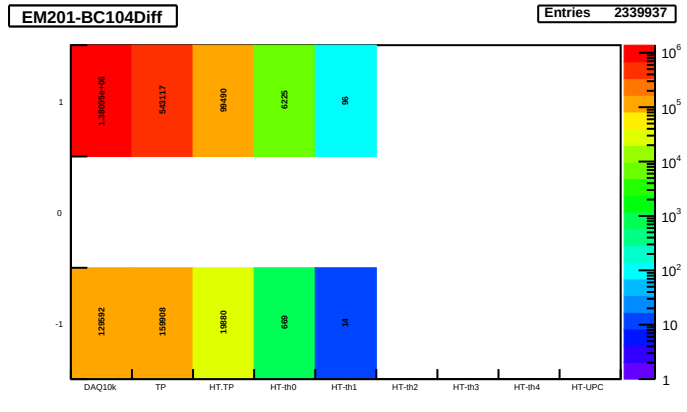

EM201-BC102
Entries 1.984804e+07
403869
2.01394e+06
219945
12469
178
2253
459
5
332187
1.80137e+06
191138
1.98539e+06
2.19385e+06
2.20516e+06
2.20009e+06
2.20488e+06
2.20533e+06
1.87215e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 2533227
180097
1.73568e+06
182192
10764
139
226411
173021
23165
749
11
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

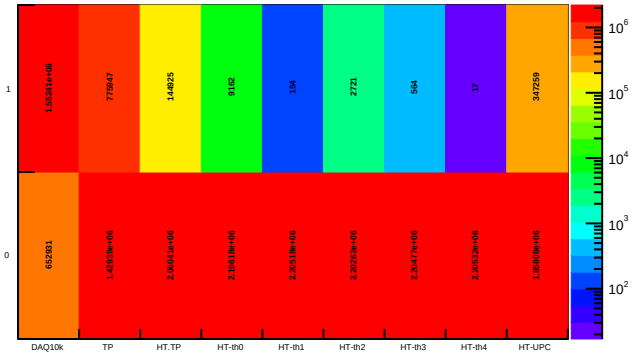

EM201-BC103
Entries 1.984804e+07
1.54658e+06
761561
143967
8846
149
2234
412
12
340403
658474
1.42378e+06
2.06137e+06
2.19649e+06
2.20518e+06
2.2031e+06
2.20429e+06
2.20533e+06
1.85684e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 2371992
1.32819e+06
592018
114688
7475
105
139144
168278
21421
665
11
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

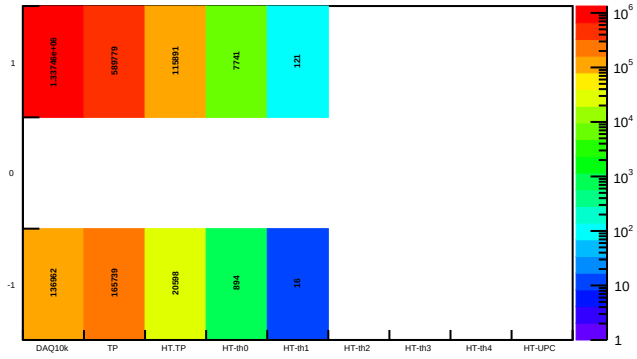

EM201-BC104
Entries 1.984804e+07
1.59285e+06
724709
126347
7543
133
2299
489
15
341173
612484
1.48563e+06
2.07899e+06
2.19784e+06
2.20562e+06
2.20304e+06
2.20485e+06
2.20532e+06
1.86418e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 2339937
1.38095e+06
543117
98490
6225
96
129592
159908
18880
669
14
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

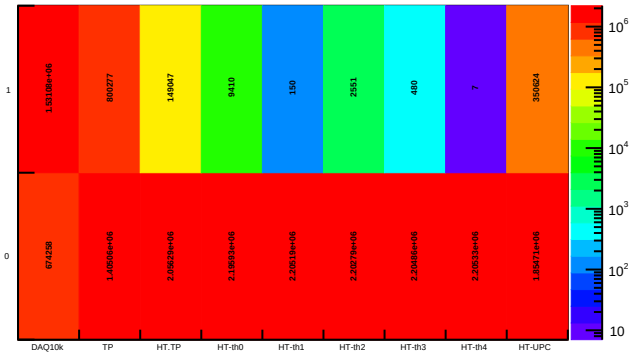
EM201-BC105 Entries 1.984804e+07



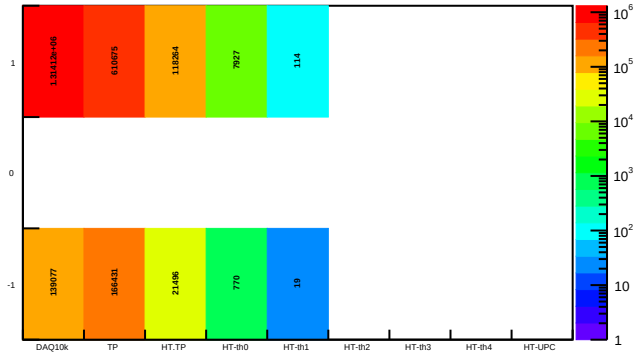
EM201-BC105Diff Entries 2375203



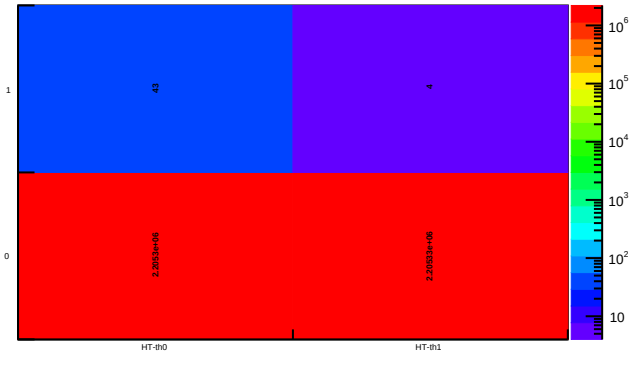
EM201-BC106 Entries 1.984804e+07



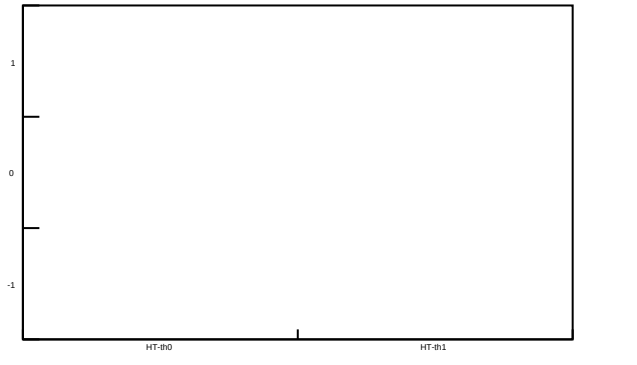
EM201-BC106Diff Entries 2378897



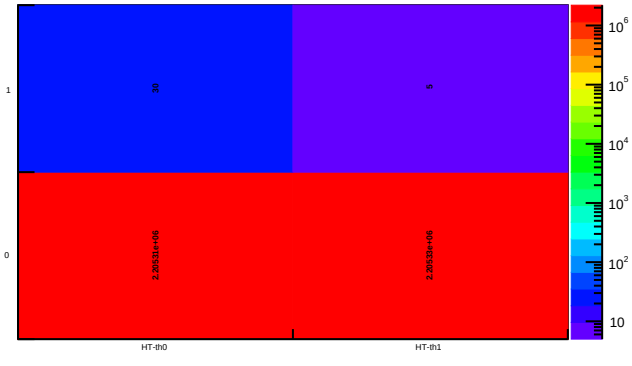
EM201-EE101 Entries 4410676



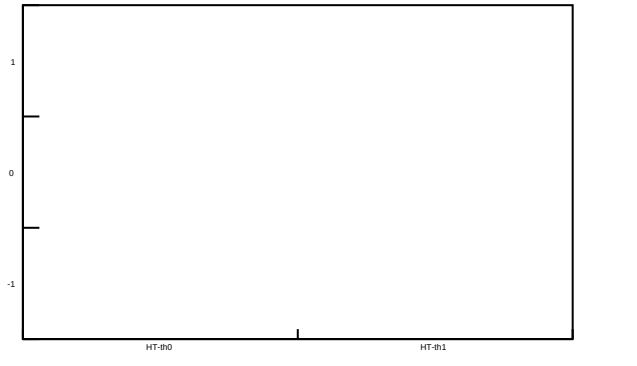
EM201-EE101Diff Entries 0

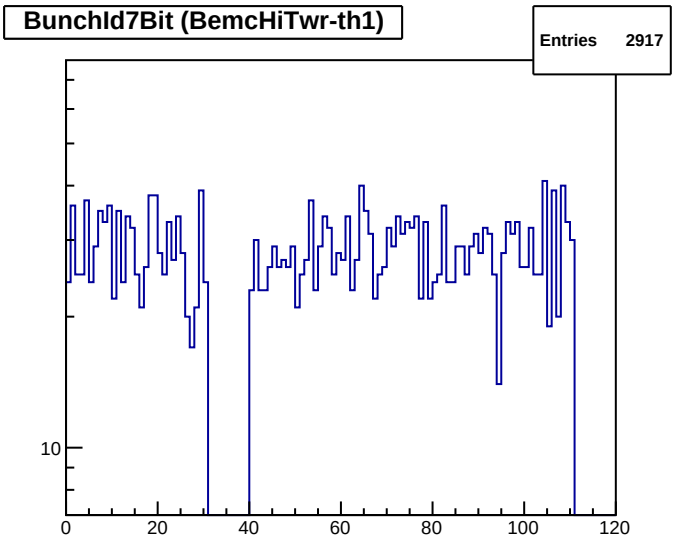


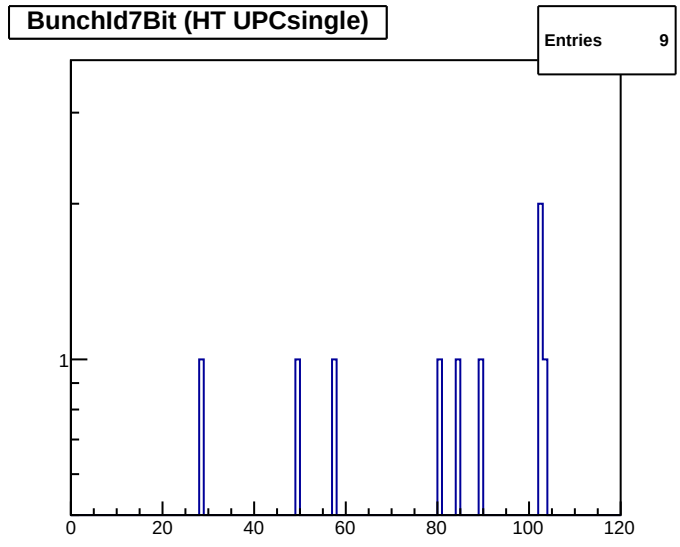
EM201-EE102 Entries 4410676

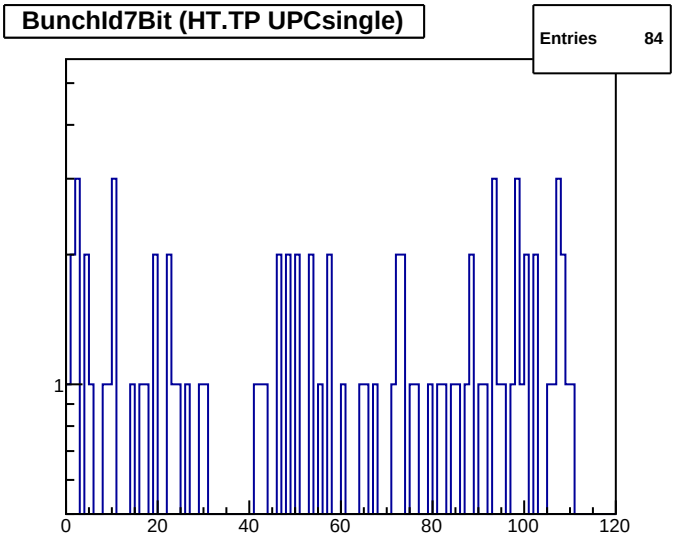


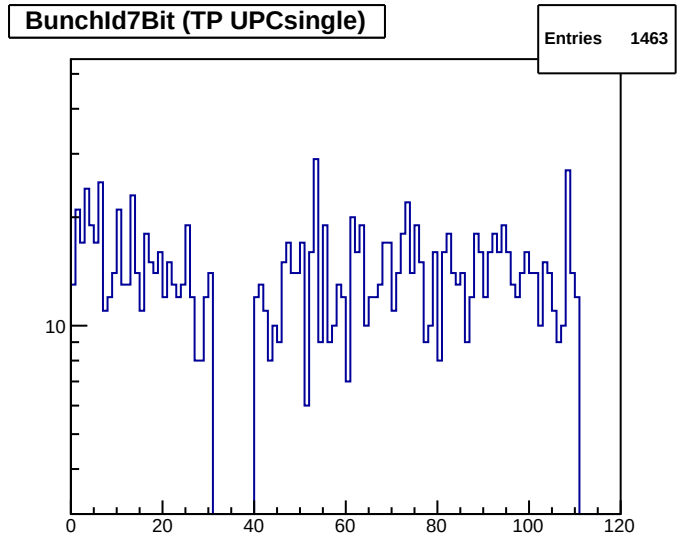
EM201-EE102Diff Entries 0

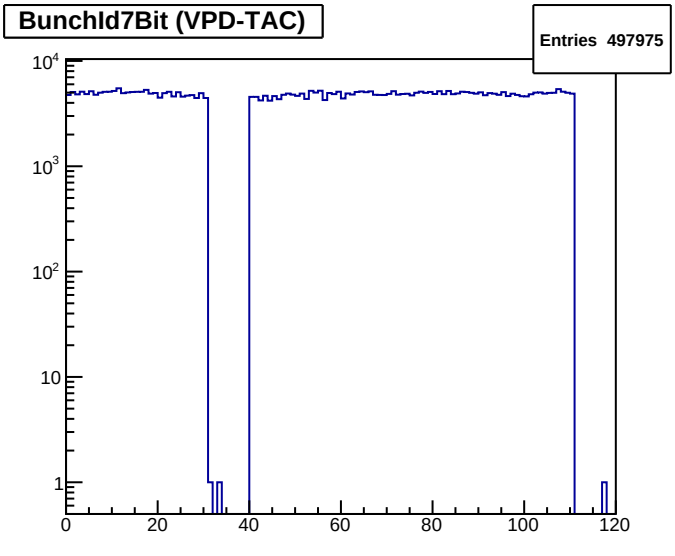


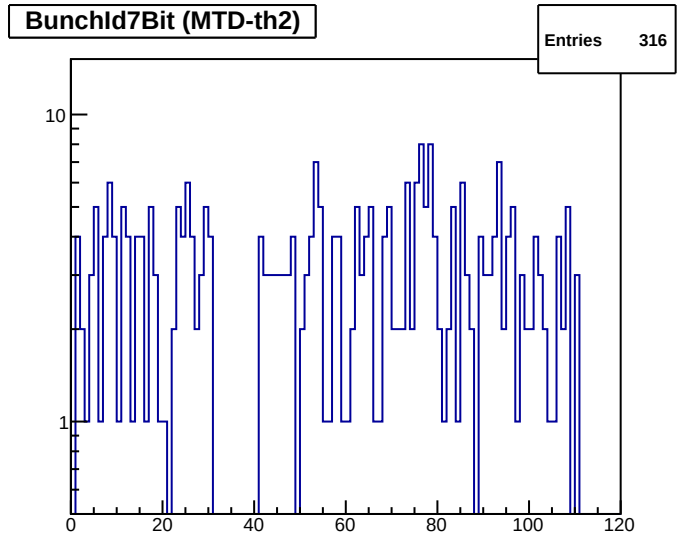

BunchId7Bit (BemcHiTwr-th1)
Entries 2917
10
0 20 40 60 80 100 120

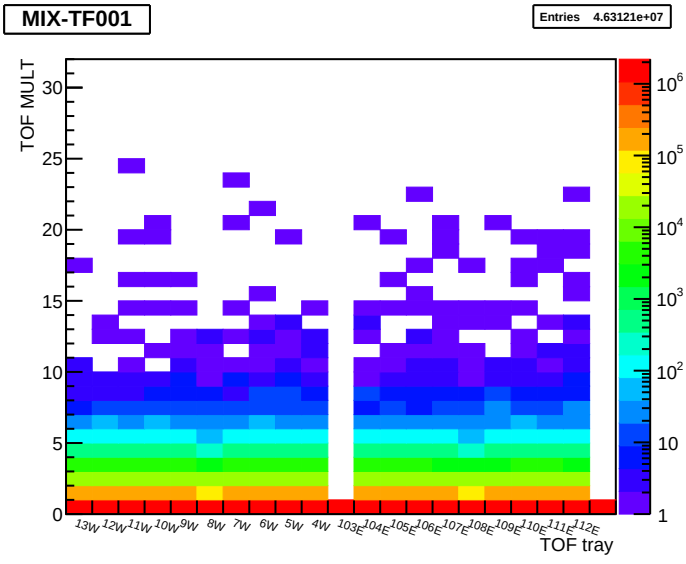

BunchId7Bit (HT UPCsingle)
Entries 9
1
0 20 40 60 80 100 120

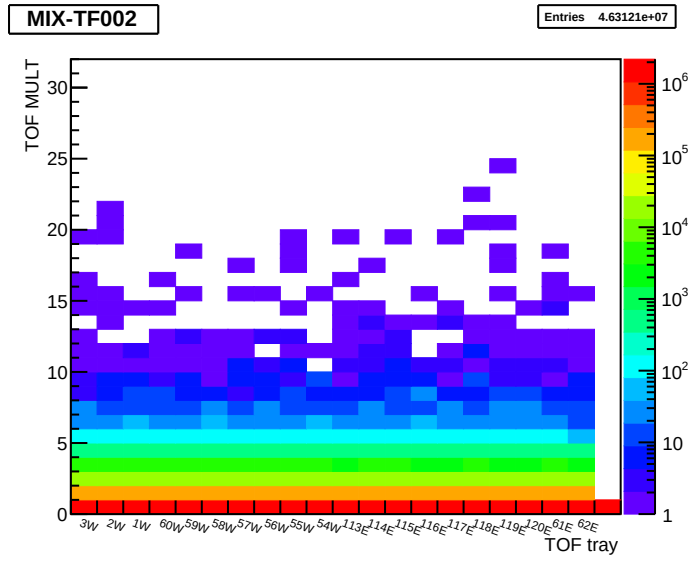

BunchId7Bit (HT.TP UPCsingle)
Entries 84
1
0 20 40 60 80 100 120

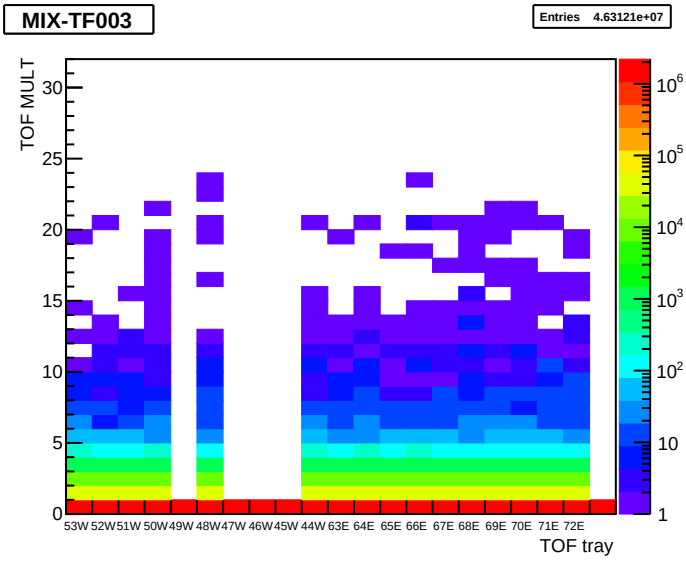

BunchId7Bit (TP UPCsingle)
Entries 1463
10
0 20 40 60 80 100 120

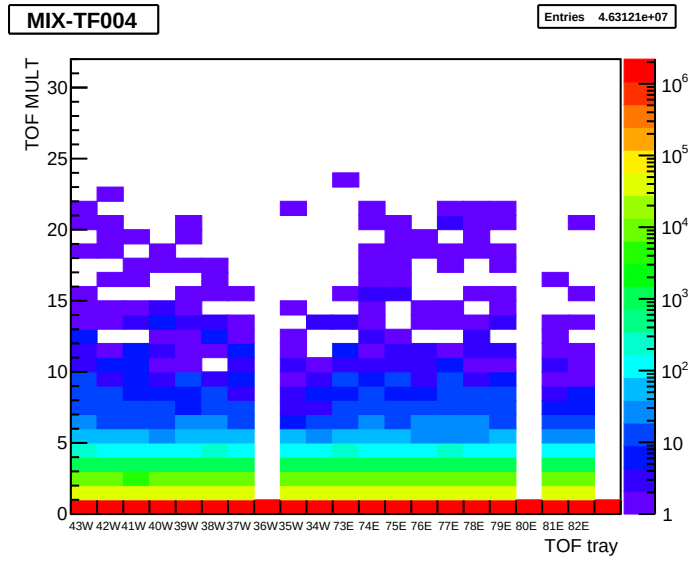

BunchId7Bit (VPD-TAC)
Entries 497975
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

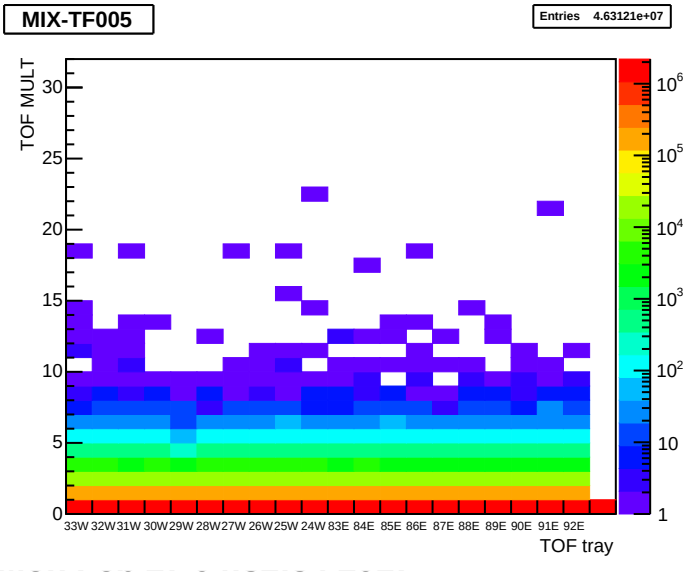

BunchId7Bit (MTD-th2)
Entries 316
10
1
0 20 40 60 80 100 120

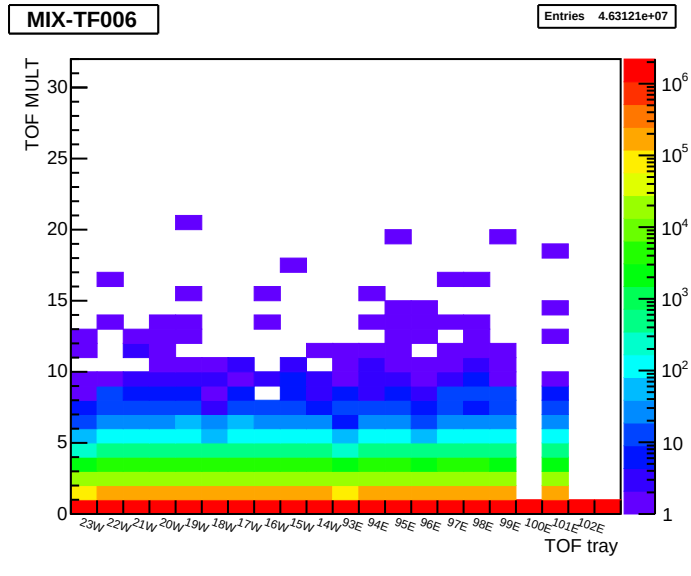

MIX-TF001
Entries 4.63121e+07
TOF MULT
TOF tray

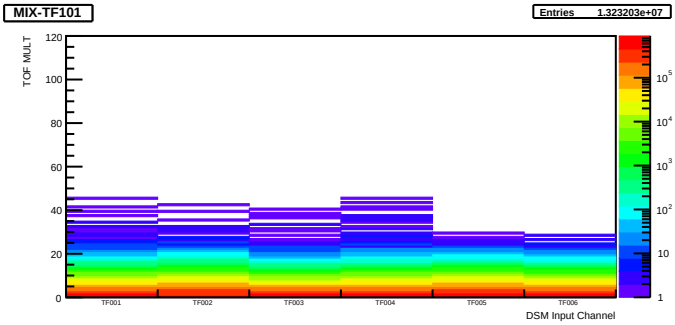

MIX-TF002
Entries 4.63121e+07
TOF MULT
TOF tray

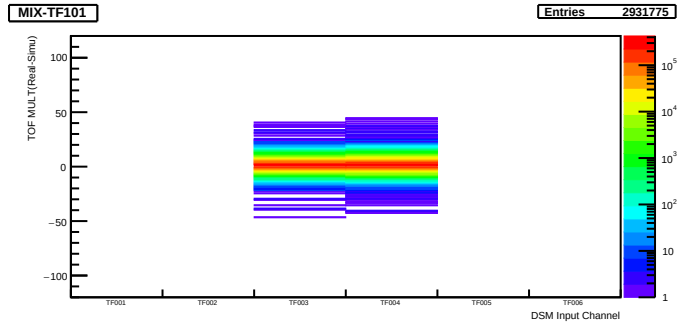

MIX-TF003
Entries 4.63121e+07
TOF MULT
TOF tray

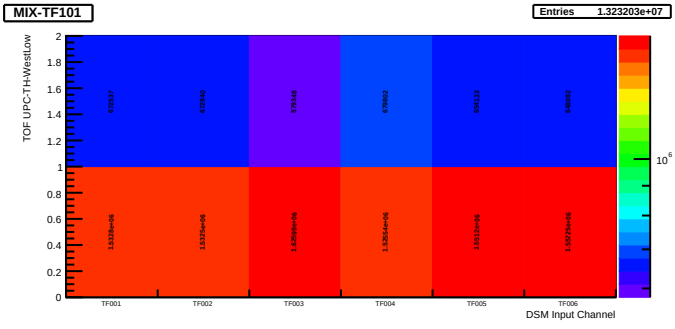

MIX-TF004
Entries 4.63121e+07
TOF MULT
TOF tray

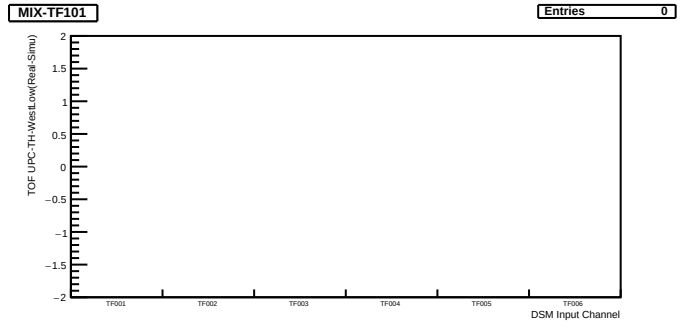

MIX-TF005
Entries 4.63121e+07
TOF MULT
TOF tray

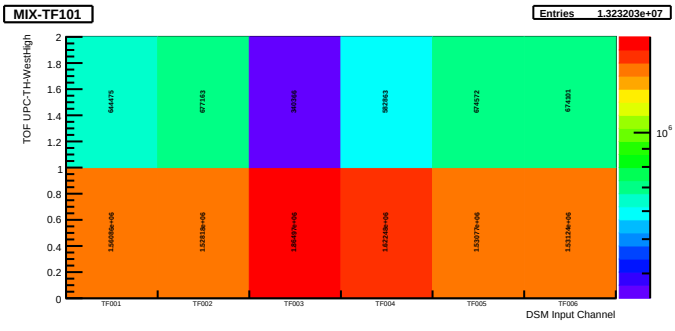

MIX-TF006
Entries 4.63121e+07
TOF MULT
TOF tray

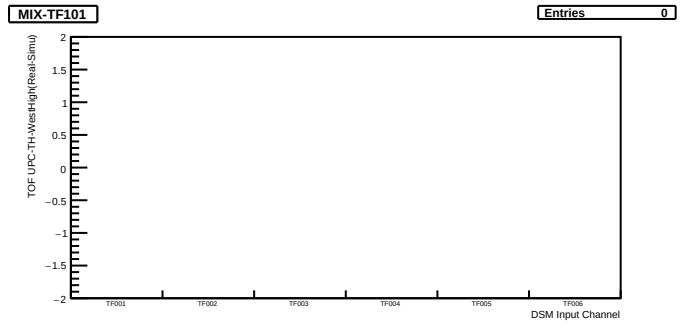

MIX-TF101
Entries 1.323203e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

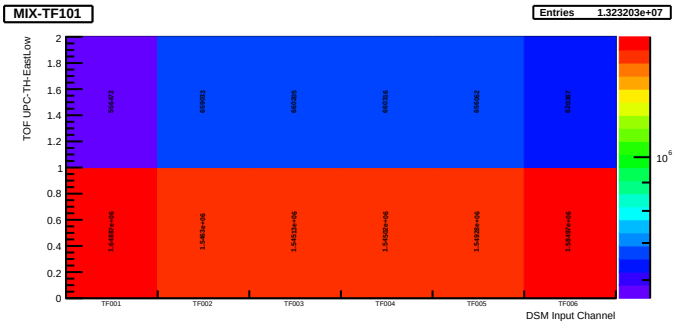

MIX-TF101
Entries 2931775
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

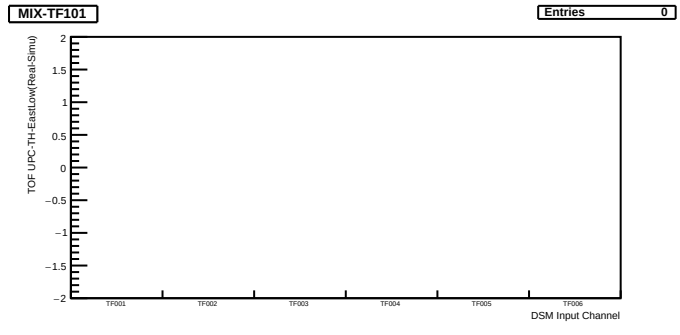

MIX-TF101
Entries 1.323203e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

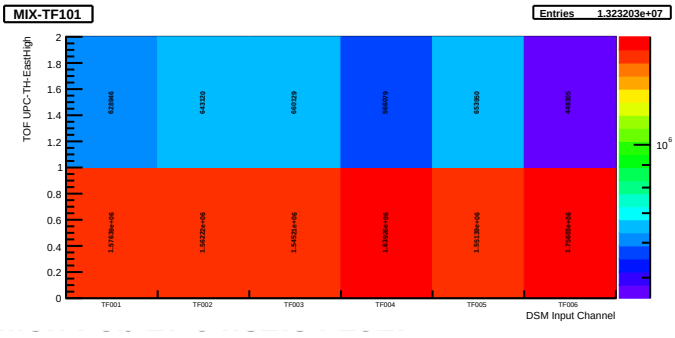

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

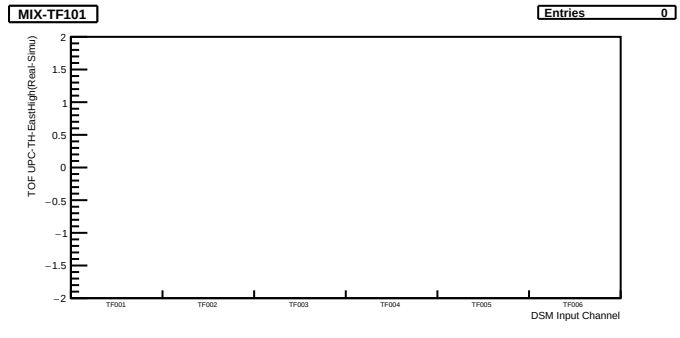

MIX-TF101
Entries 1.323203e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

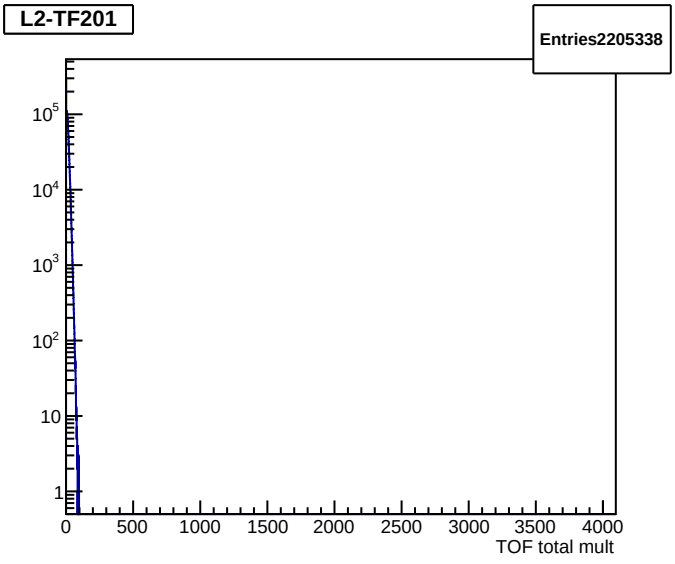

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

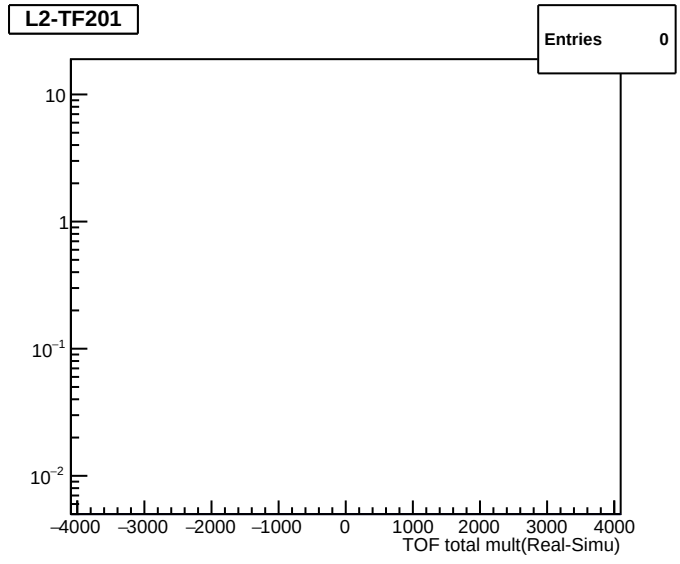

MIX-TF101
Entries 1.323203e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

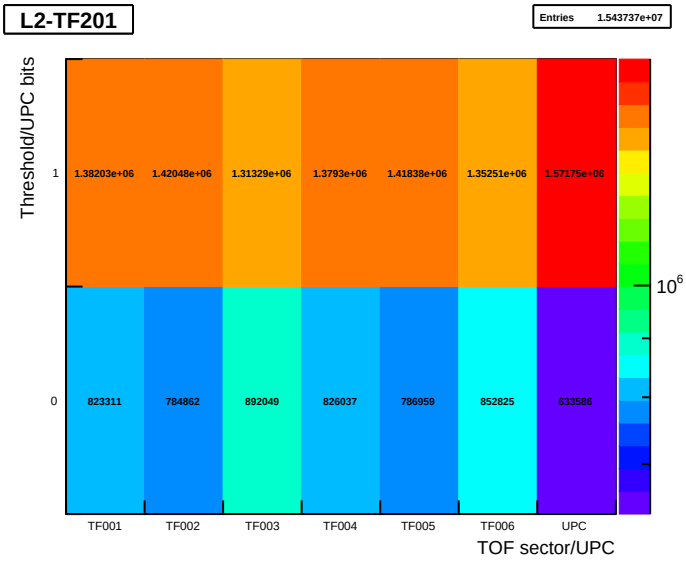

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

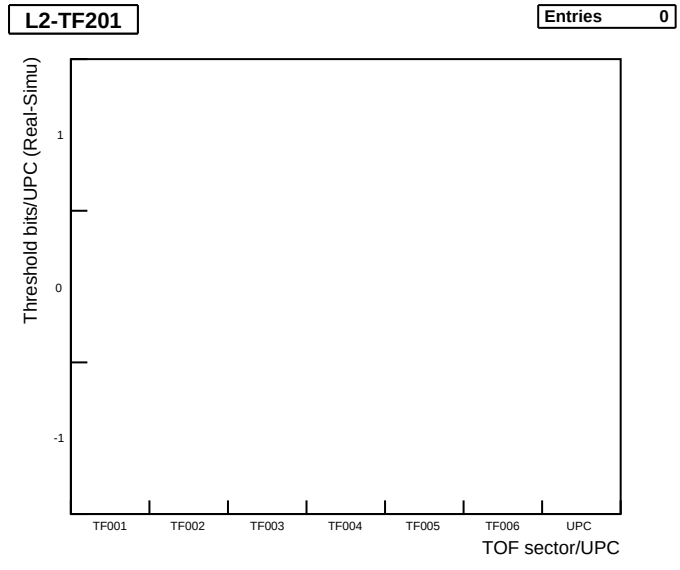

MIX-TF101
Entries 1.323203e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

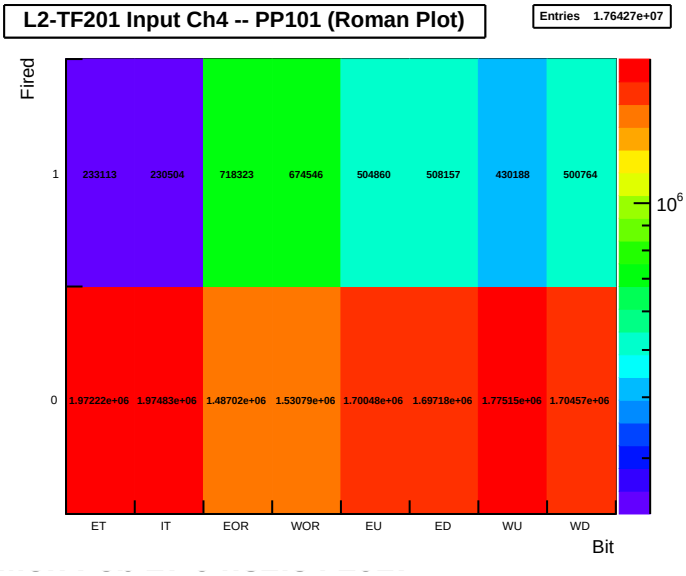

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

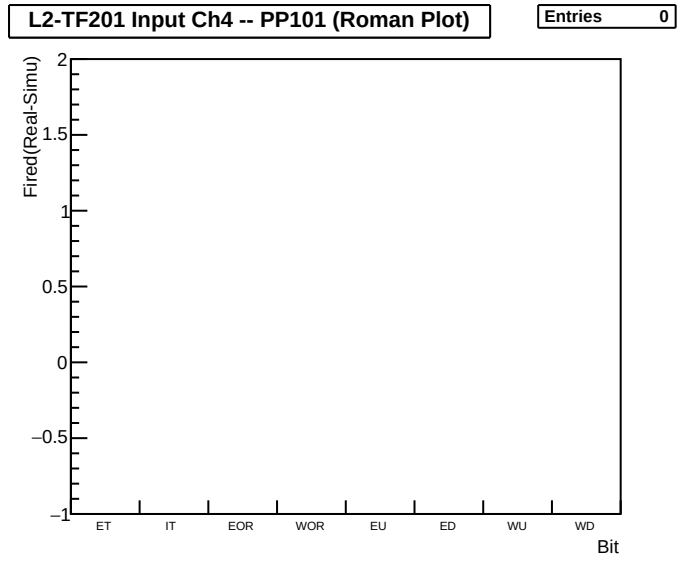

L2-TF201
Entries2205338
TOF total mult

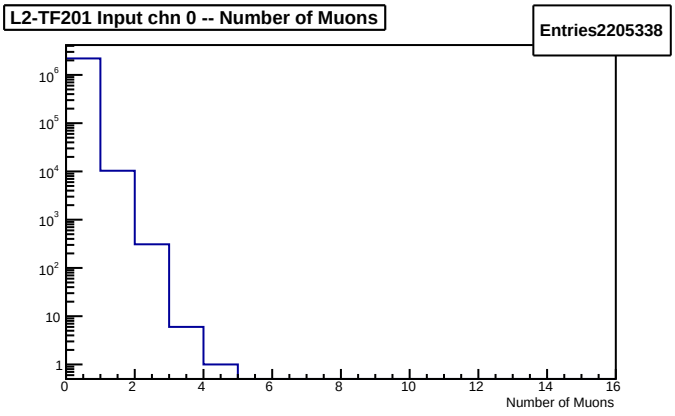

L2-TF201
Entries 0
TOF total mult(Real-Simu)

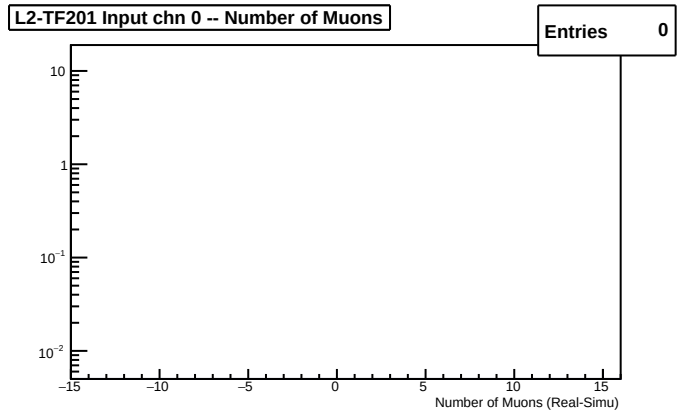

L2-TF201
Entries 1.543737e+07
Threshold/UPC bits
1.38203e+06
1.42048e+06
1.31329e+06
1.3793e+06
1.41838e+06
1.35251e+06
1.57175e+06
823311
784862
892049
826037
786959
852825
633586
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

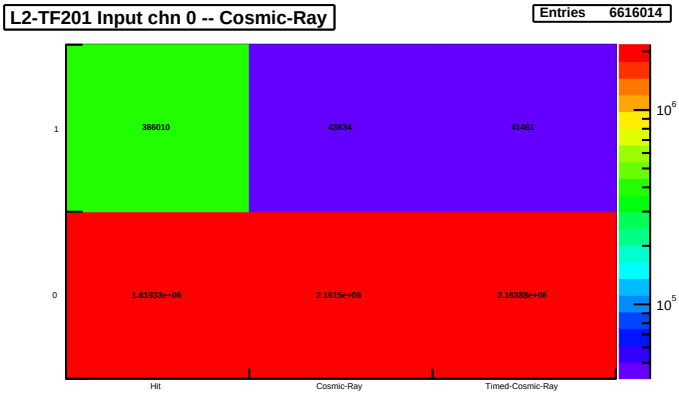

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

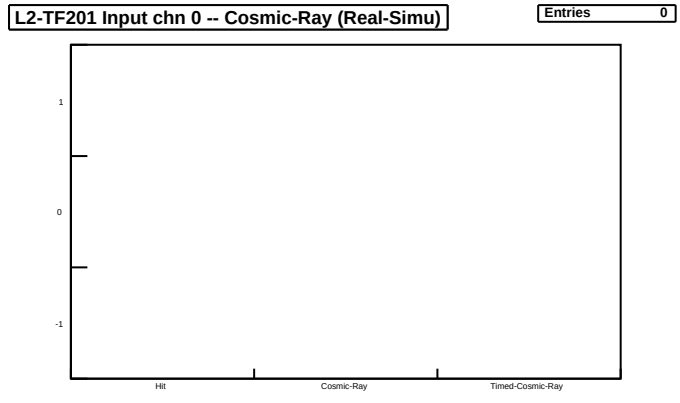

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.76427e+07
Fired
233113
230504
718323
674546
504860
508157
430188
500764
1.97222e+06
1.97483e+06
1.48702e+06
1.53079e+06
1.70048e+06
1.69718e+06
1.77515e+06
1.70457e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

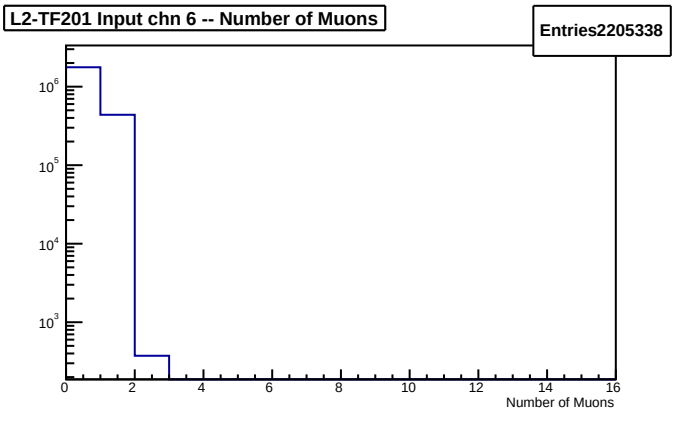

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

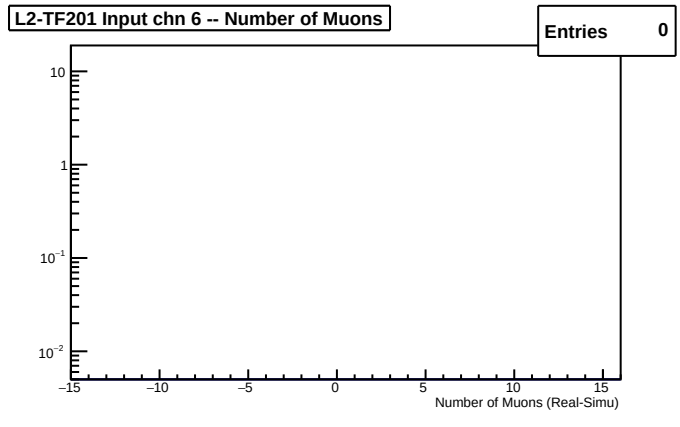

L2-TF201 Input chn 0 -- Number of Muons
Entries2205338
Number of Muons

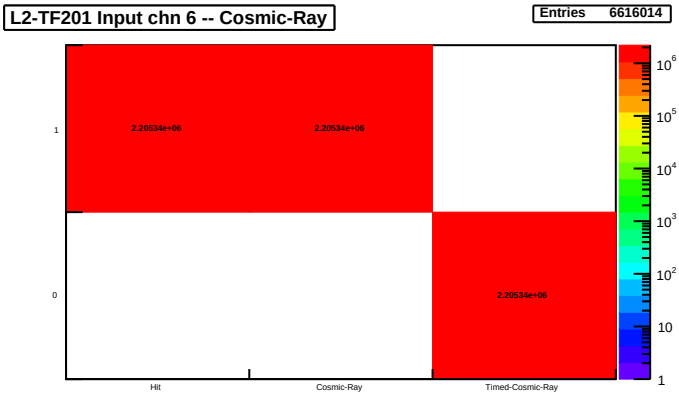

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

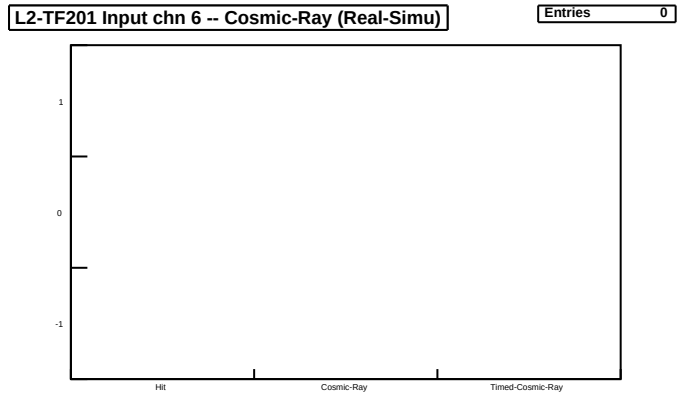

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6616014
386010
43834
41461
1.81933e+06
2.1615e+06
2.16388e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

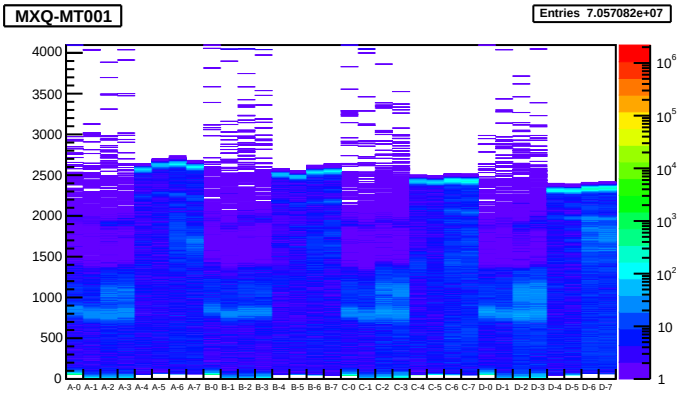

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

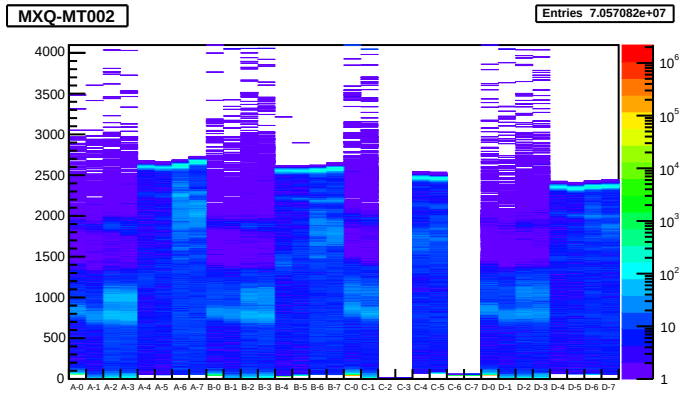

L2-TF201 Input chn 6 -- Number of Muons
Entries2205338
Number of Muons

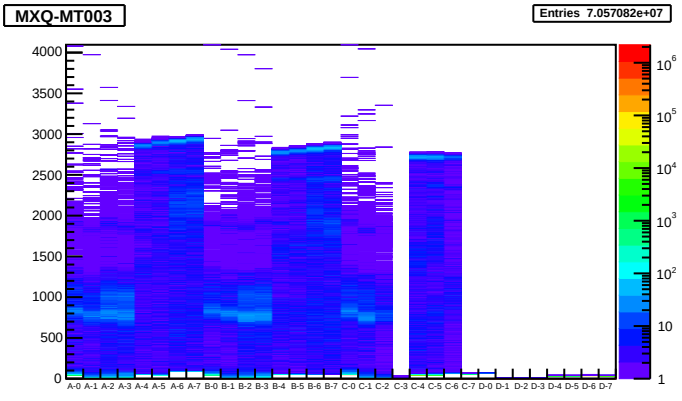

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

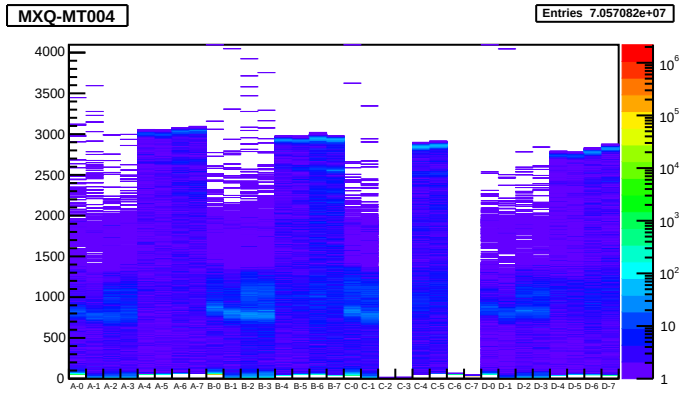

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 6616014
2.20534e+06
2.20534e+06
2.20534e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

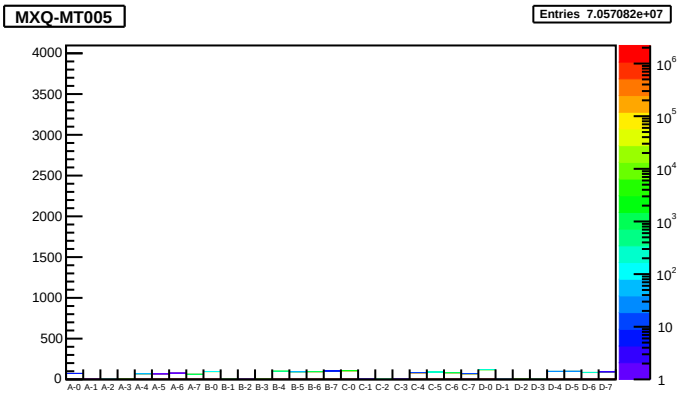

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

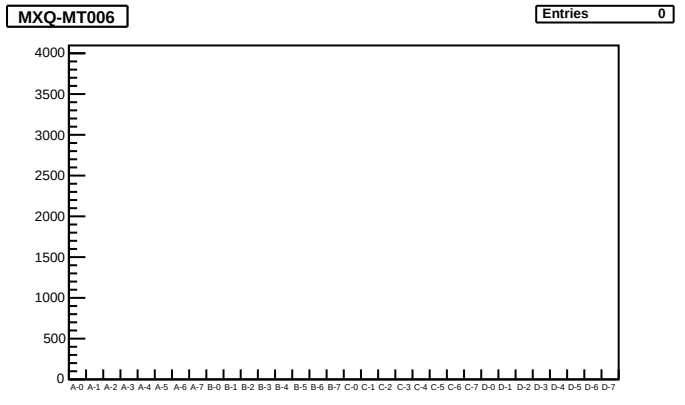

MXQ-MT001
Entries 7.057082e+07

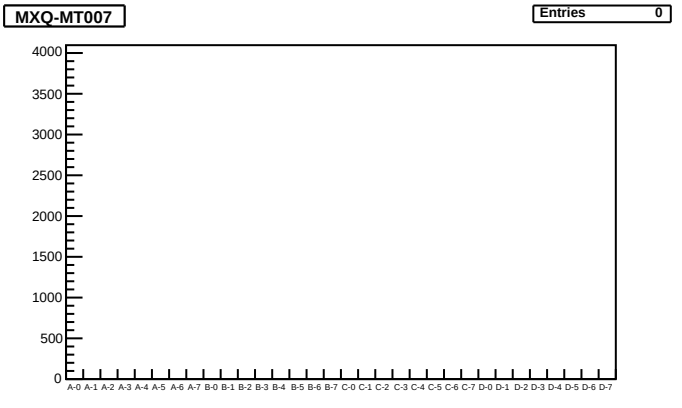

MXQ-MT002
Entries 7.057082e+07

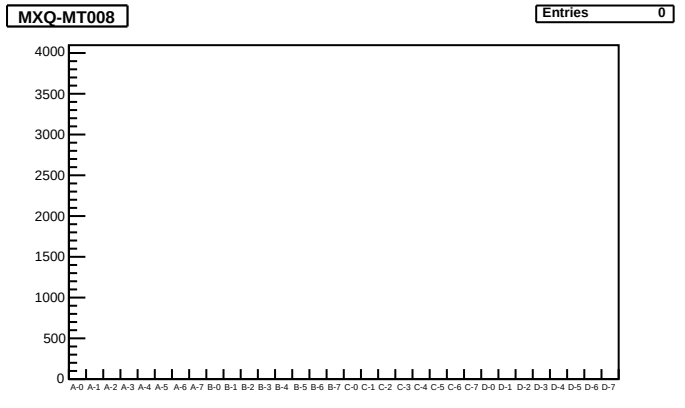

MXQ-MT003
Entries 7.057082e+07

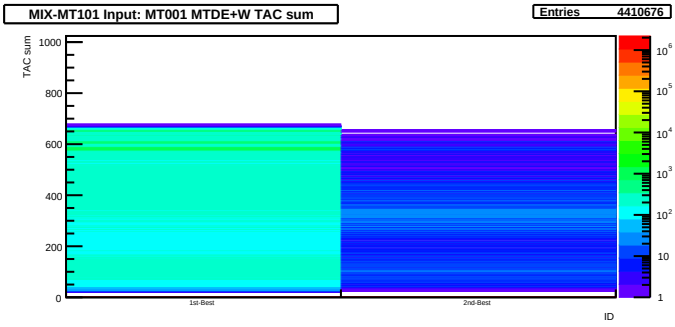

MXQ-MT004
Entries 7.057082e+07

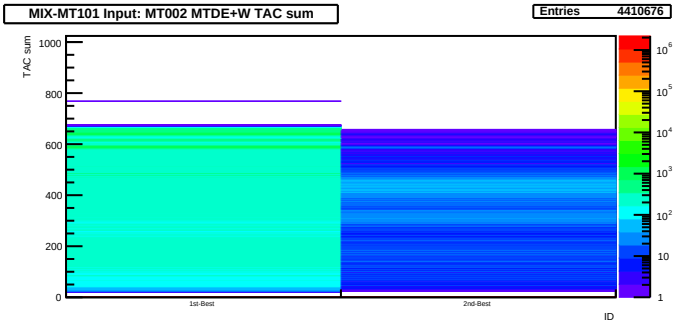

MXQ-MT005
Entries 7.057082e+07

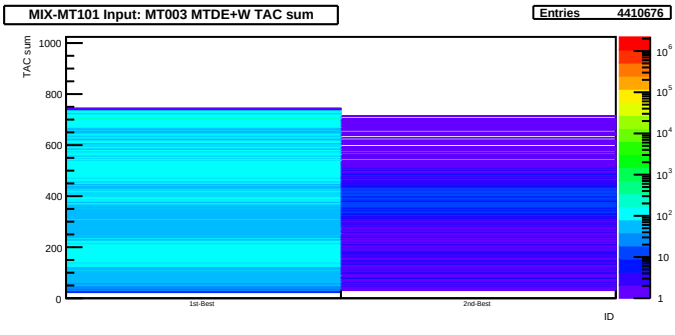

MXQ-MT006
Entries 0

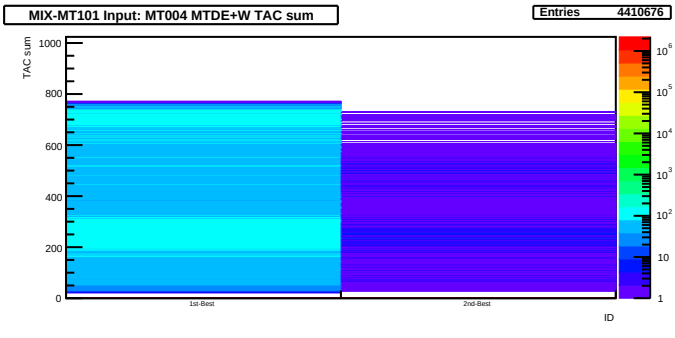

MXQ-MT007
Entries 0

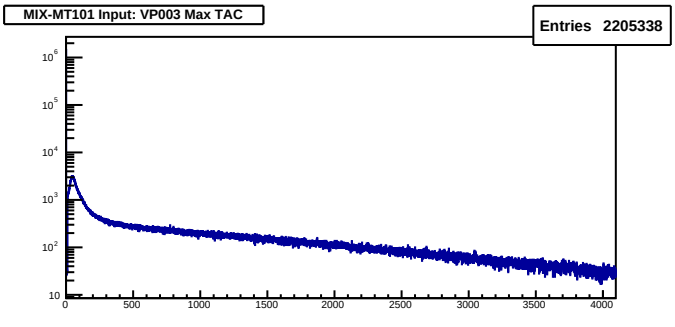

MXQ-MT008
Entries 0

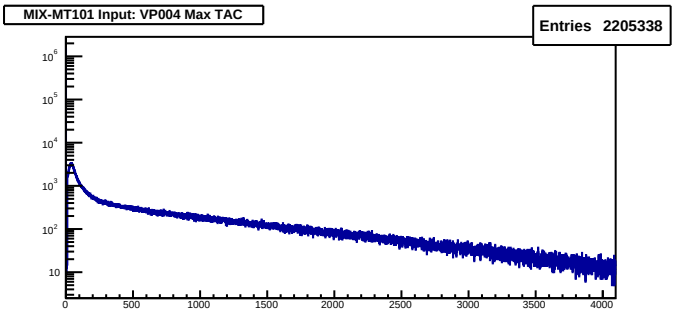

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4410676
TAC sum
1st-Best
2nd-Best
ID

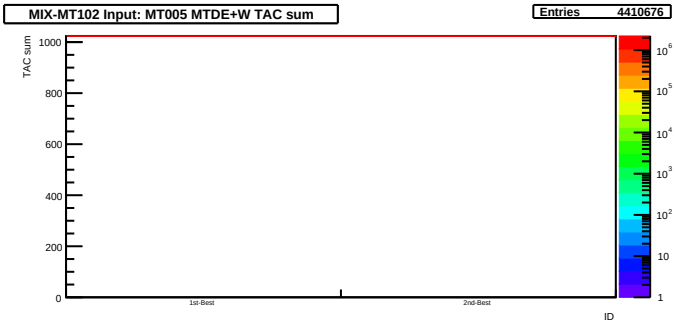

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4410676
TAC sum
1st-Best
2nd-Best
ID

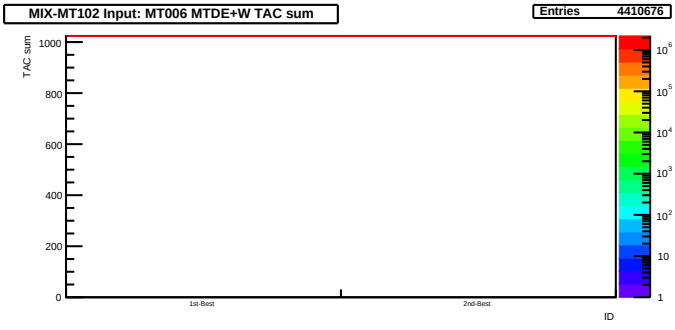

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4410676
TAC sum
1st-Best
2nd-Best
ID

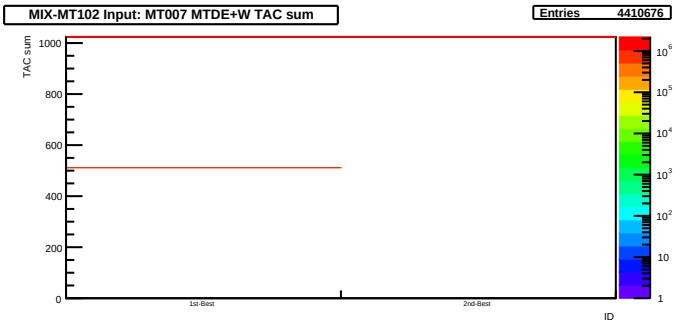

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4410676
TAC sum
1st-Best
2nd-Best
ID

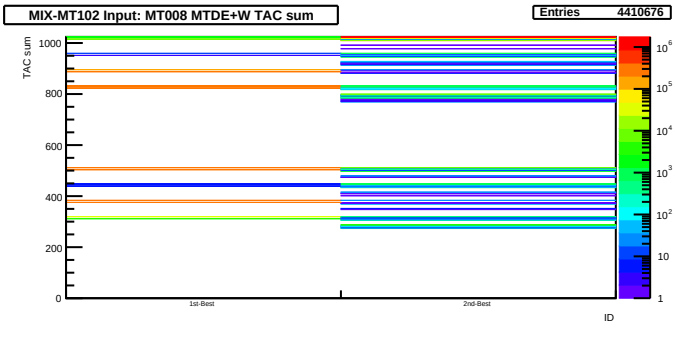

MIX-MT101 Input: VP003 Max TAC
Entries 2205338

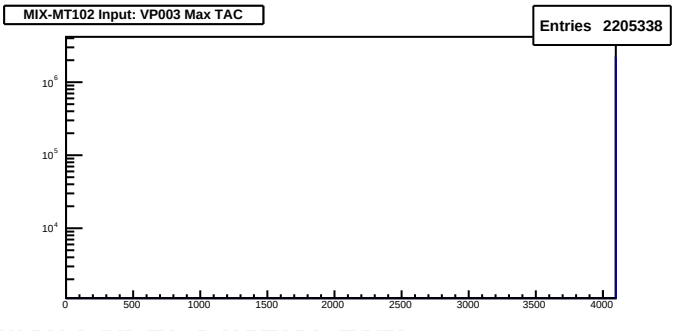

MIX-MT101 Input: VP004 Max TAC
Entries 2205338

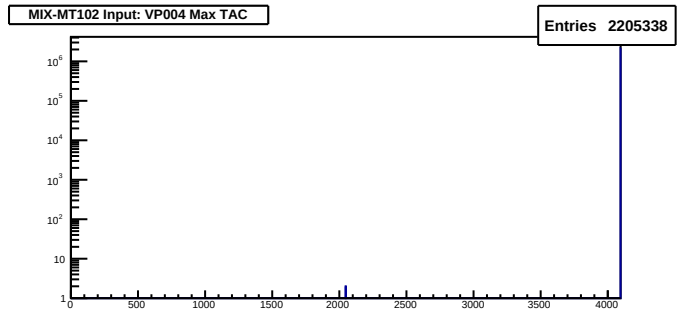

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 4410676
TAC sum
1st-Best
2nd-Best
ID

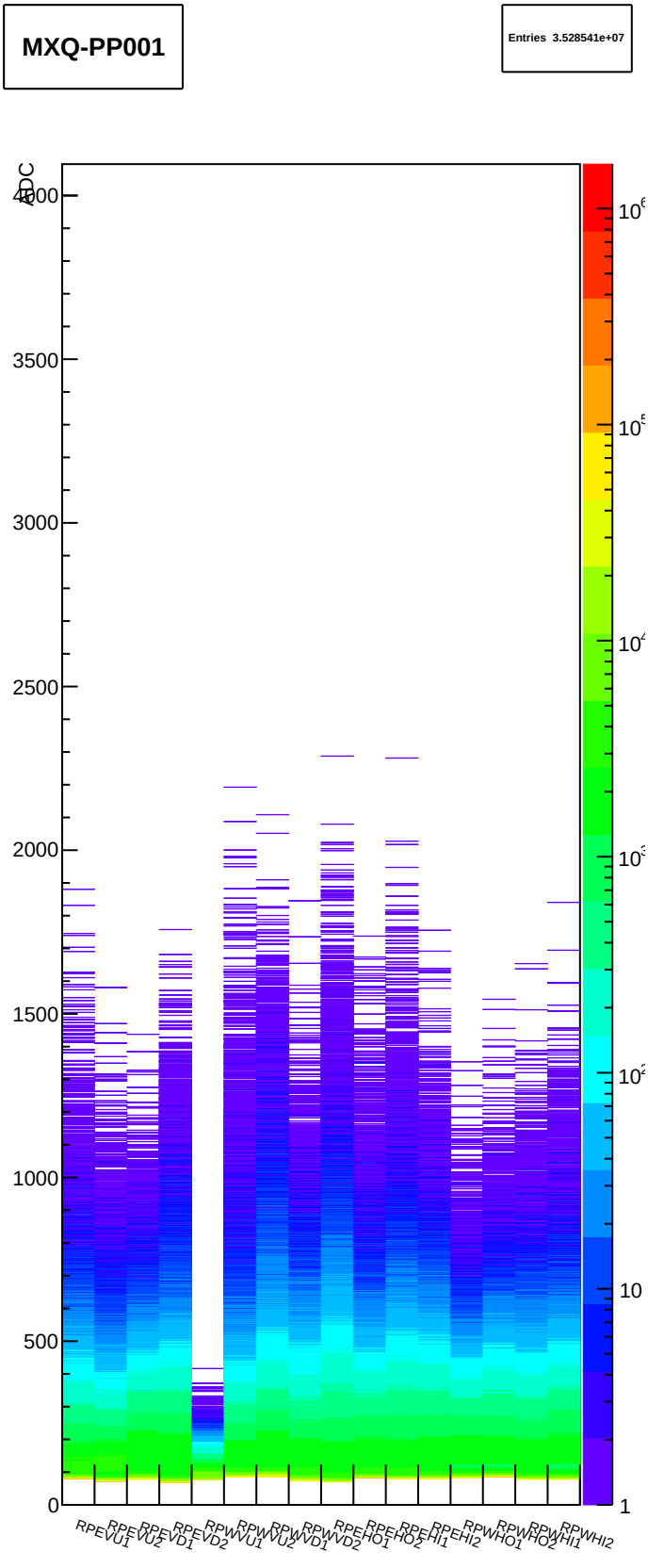

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 4410676
TAC sum
1st-Best
2nd-Best
ID

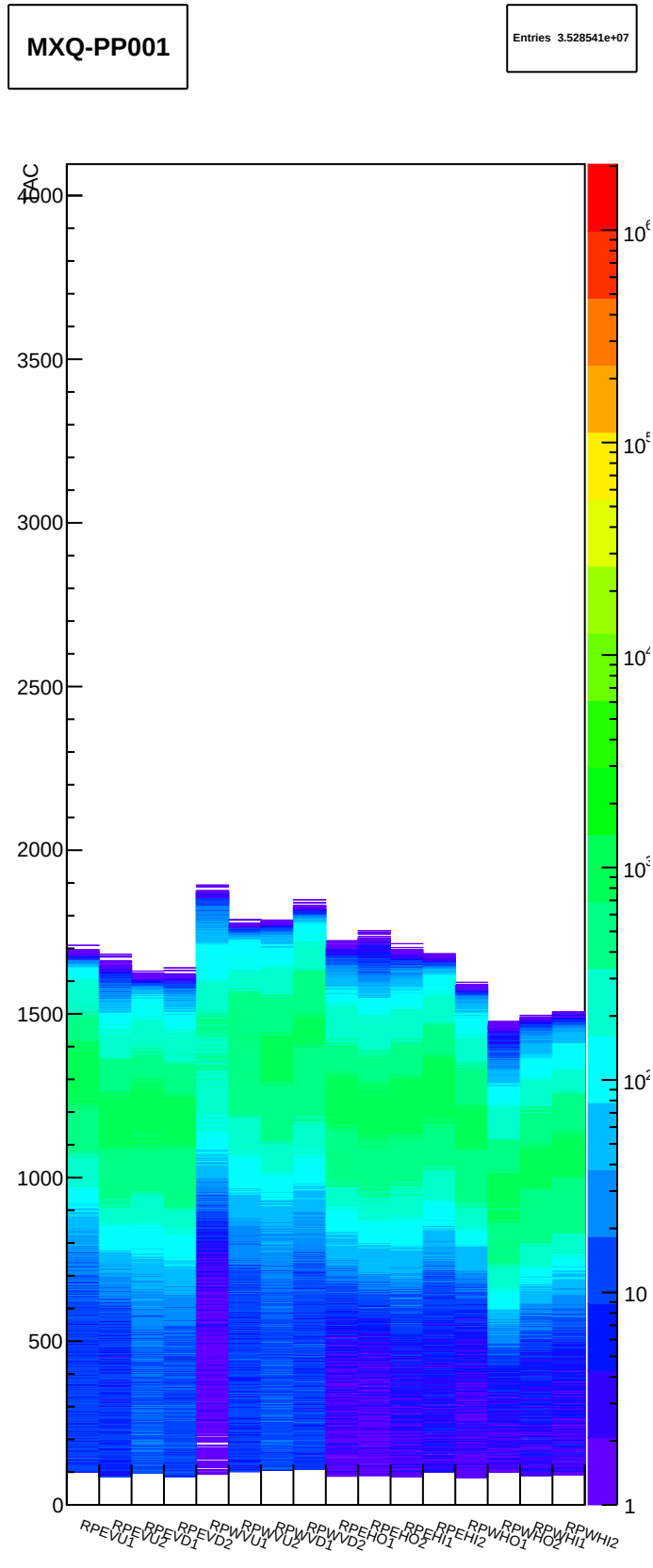

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 4410676
TAC sum
1st-Best
2nd-Best
ID

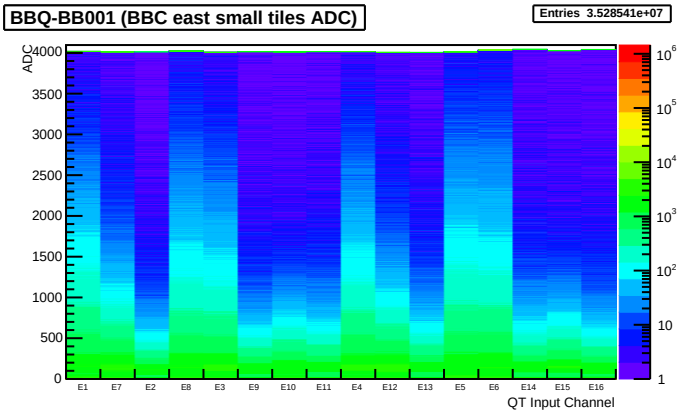

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 4410676
TAC sum
1st-Best
2nd-Best
ID

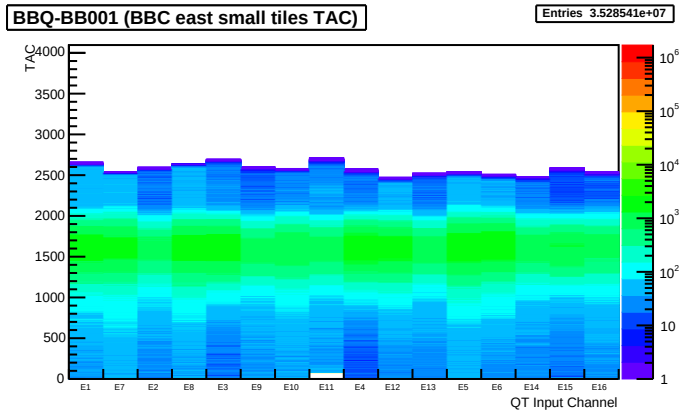

MIX-MT102 Input: VP003 Max TAC
Entries 2205338

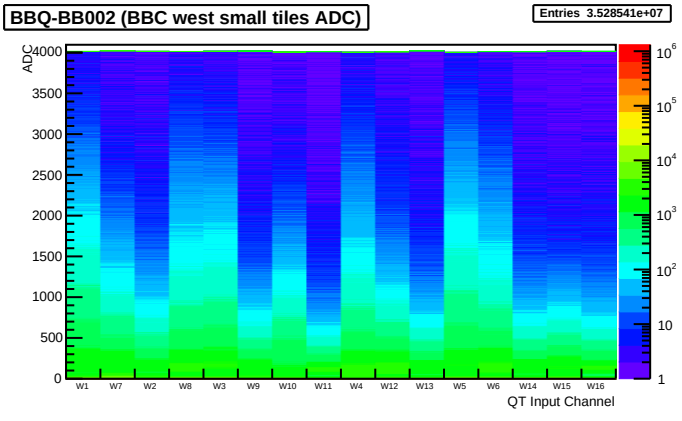

MIX-MT102 Input: VP004 Max TAC
Entries 2205338

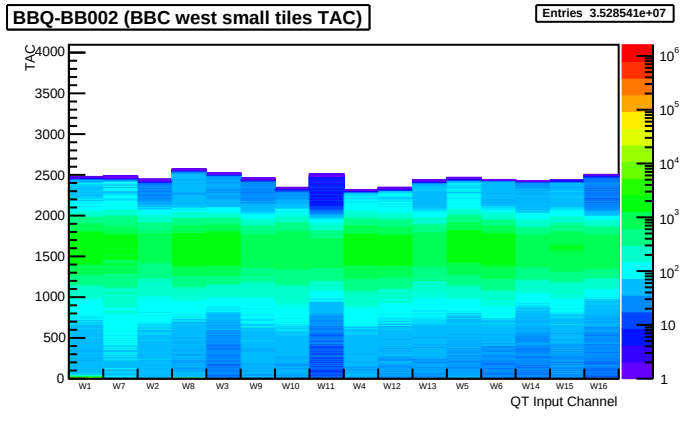

MXQ-PP001
Entries 3.528541e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

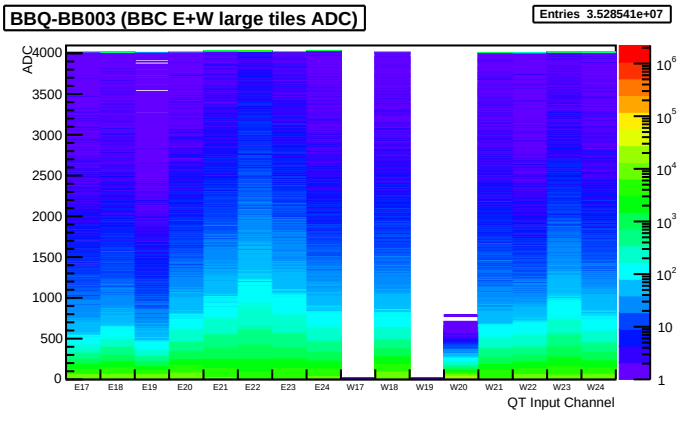

MXQ-PP001
Entries 3.528541e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

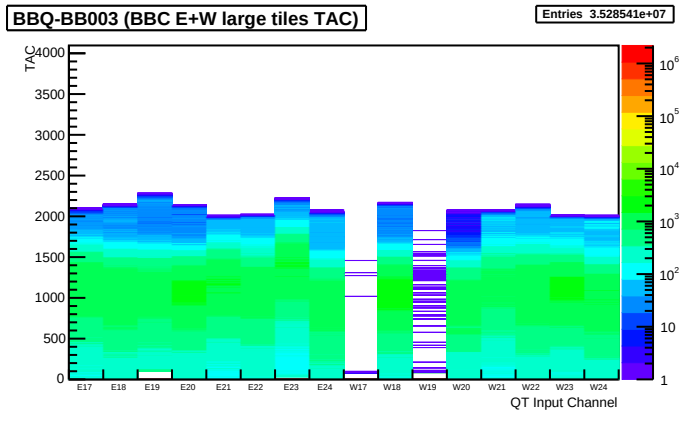

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.528541e+07
ADC
QT Input Channel

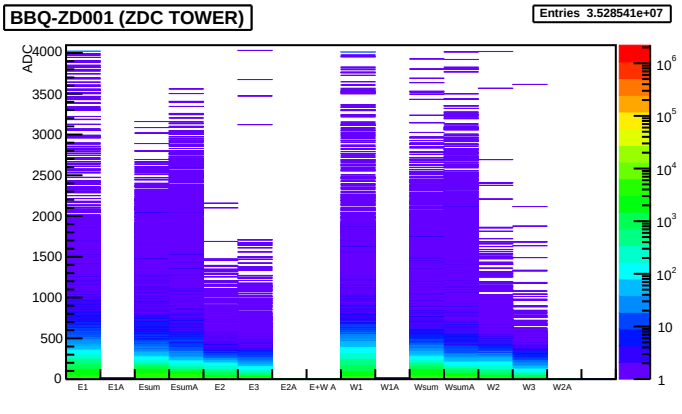

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.528541e+07
TAC
QT Input Channel

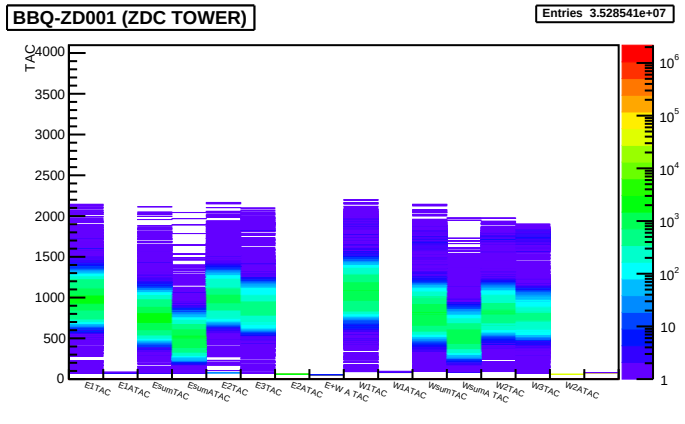

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.528541e+07
ADC
QT Input Channel

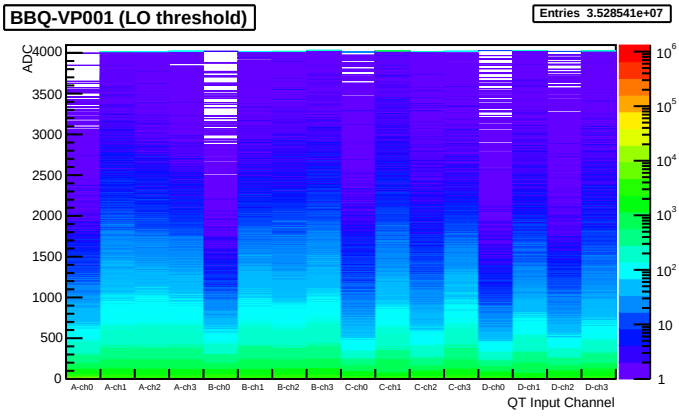

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.528541e+07
TAC
QT Input Channel

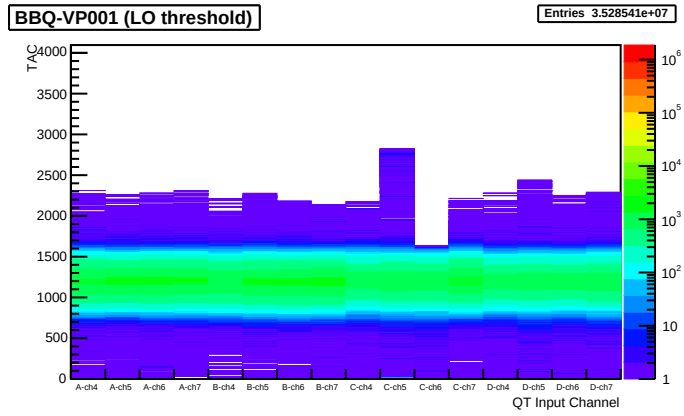

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.528541e+07
ADC
QT Input Channel

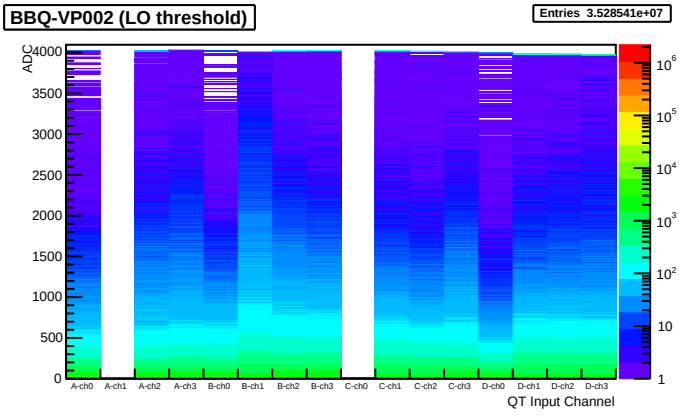

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.528541e+07
TAC
QT Input Channel

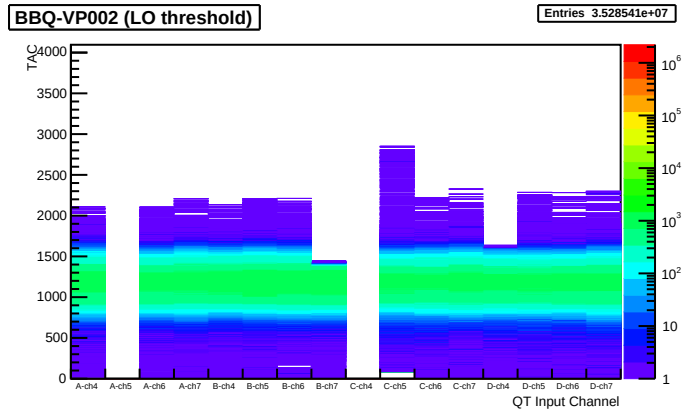

BBQ-ZD001 (ZDC TOWER)
Entries 3.528541e+07
ADC

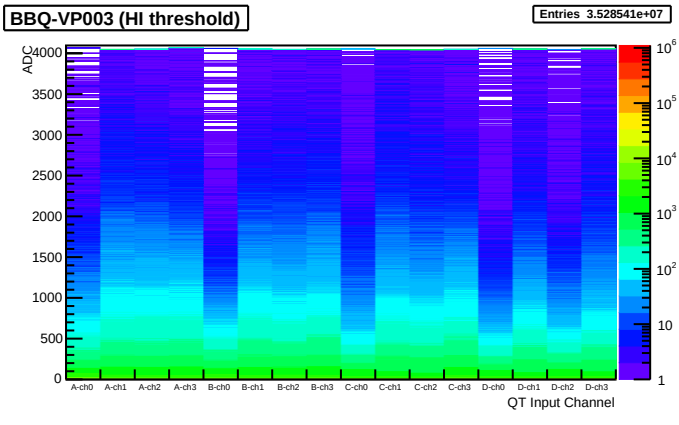

BBQ-ZD001 (ZDC TOWER)
Entries 3.528541e+07
TAC

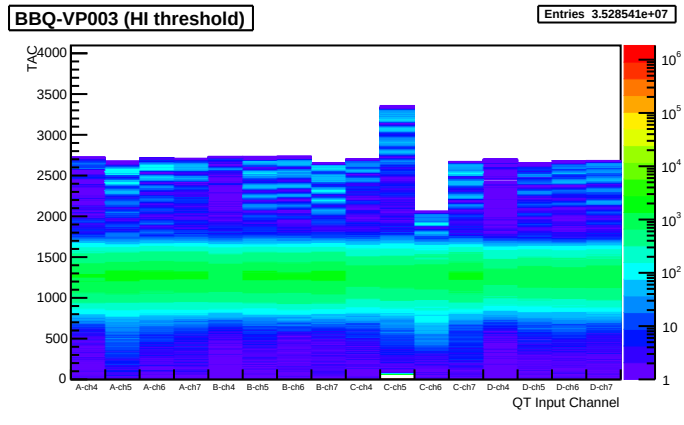

BBQ-VP001 (LO threshold)
Entries 3.528541e+07
ADC
QT Input Channel

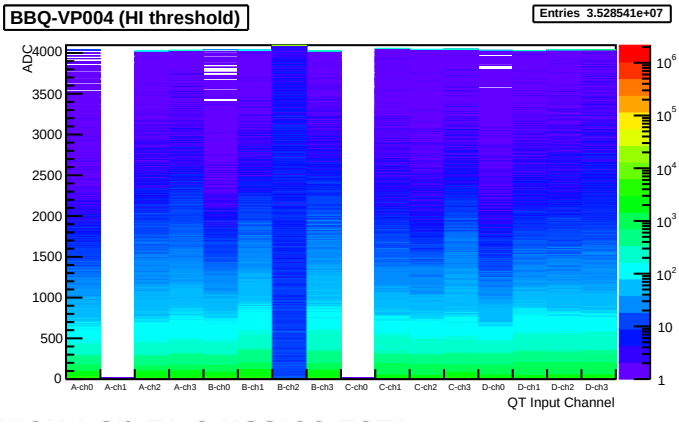

BBQ-VP001 (LO threshold)
Entries 3.528541e+07
TAC
QT Input Channel

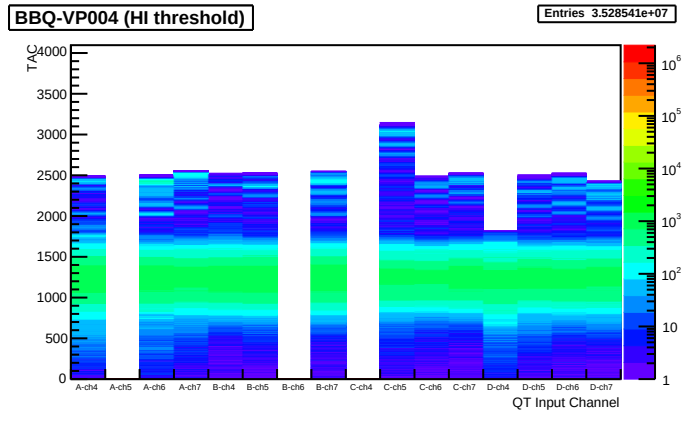

BBQ-VP002 (LO threshold)
Entries 3.528541e+07
ADC
QT Input Channel

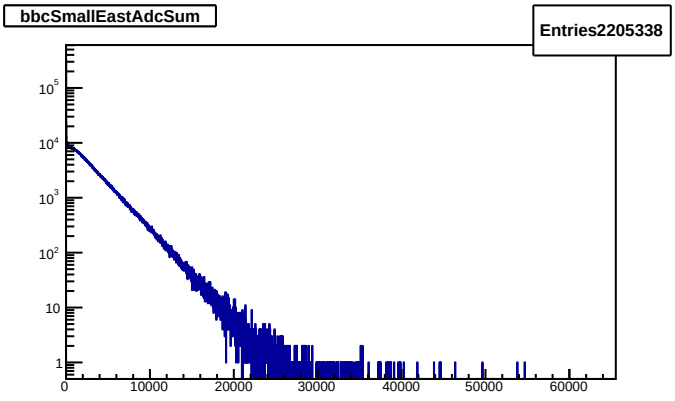

BBQ-VP002 (LO threshold)
Entries 3.528541e+07
TAC
QT Input Channel

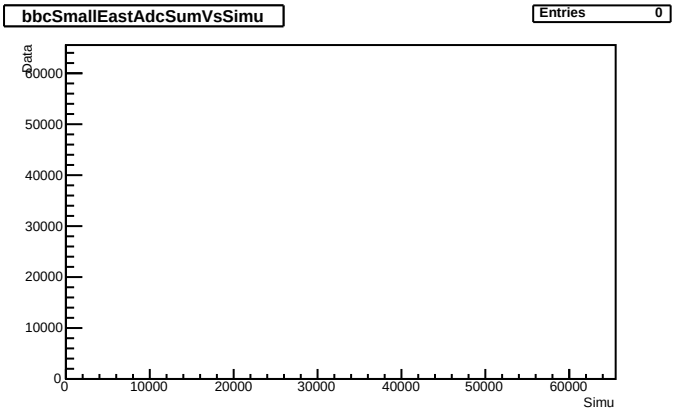

BBQ-VP003 (HI threshold)
Entries 3.528541e+07
ADC
QT Input Channel

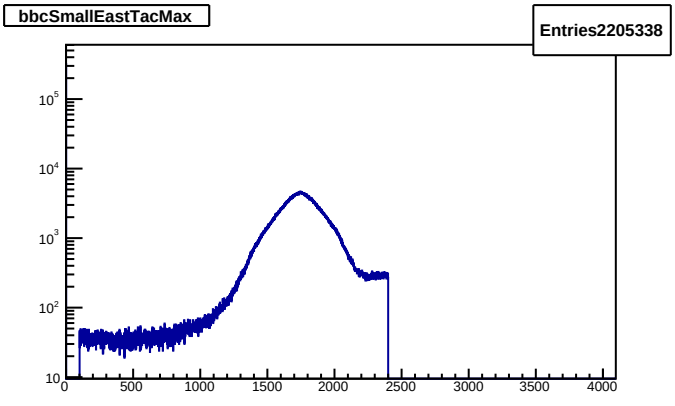

BBQ-VP003 (HI threshold)
Entries 3.528541e+07
TAC
QT Input Channel

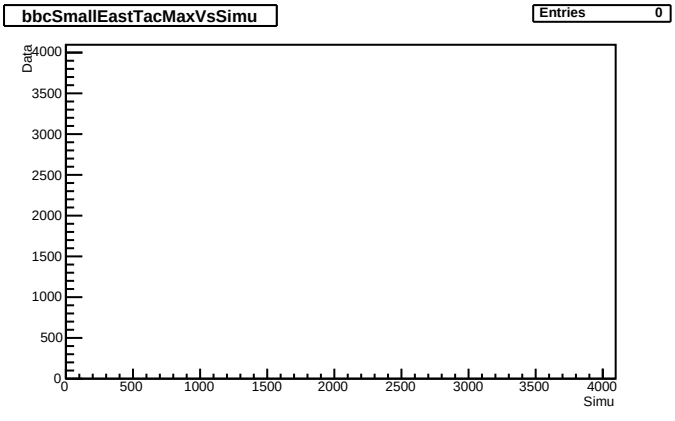

BBQ-VP004 (HI threshold)
Entries 3.528541e+07
ADC
QT Input Channel

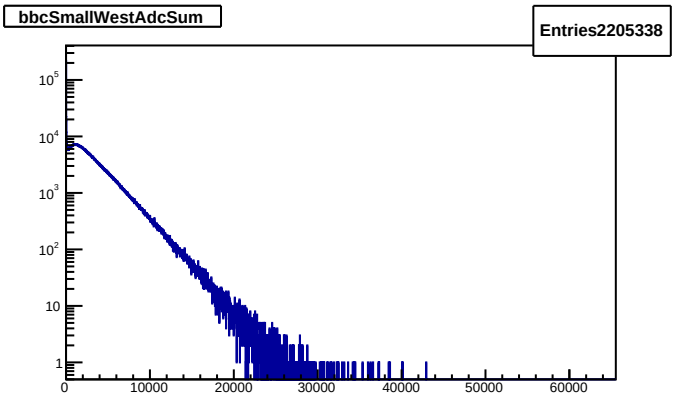

BBQ-VP004 (HI threshold)
Entries 3.528541e+07
TAC
QT Input Channel

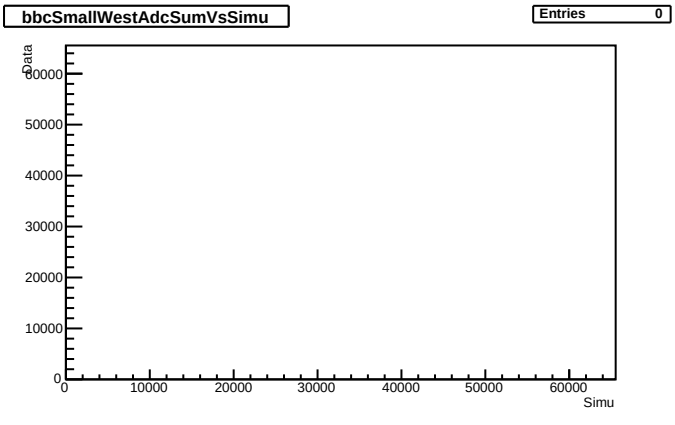

bbcSmallEastAdcSum
Entries2205338

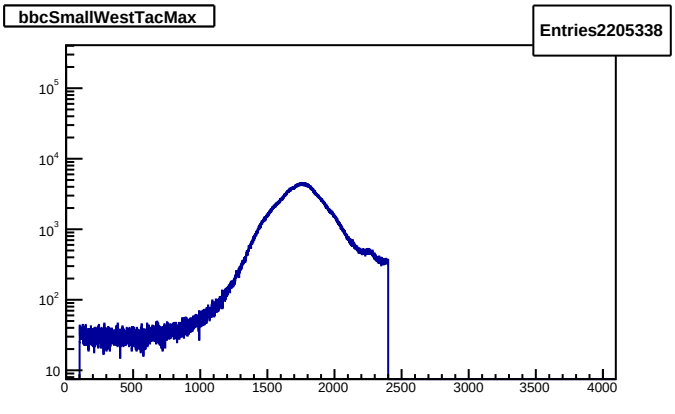

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

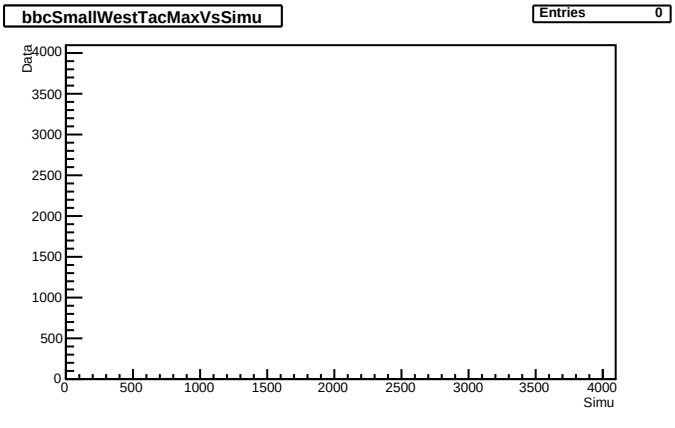

bbcSmallEastTacMax
Entries2205338

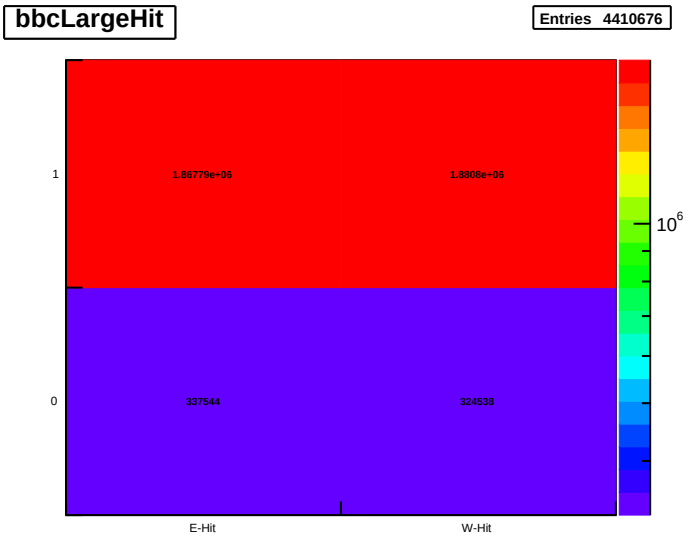

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

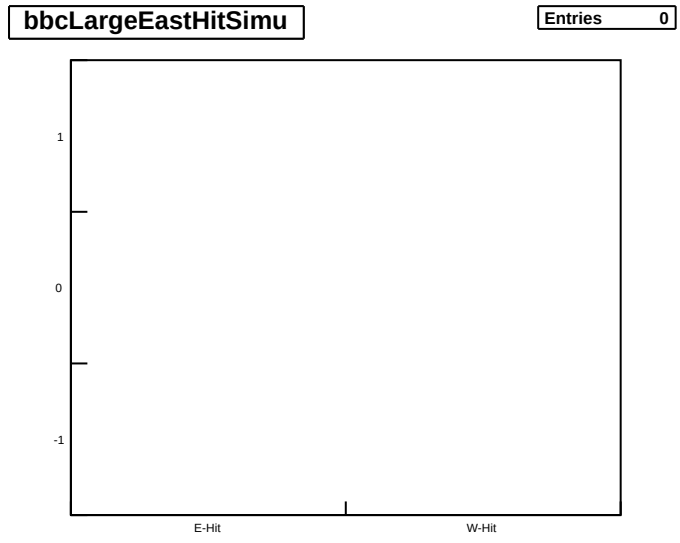

bbcSmallWestAdcSum
Entries2205338

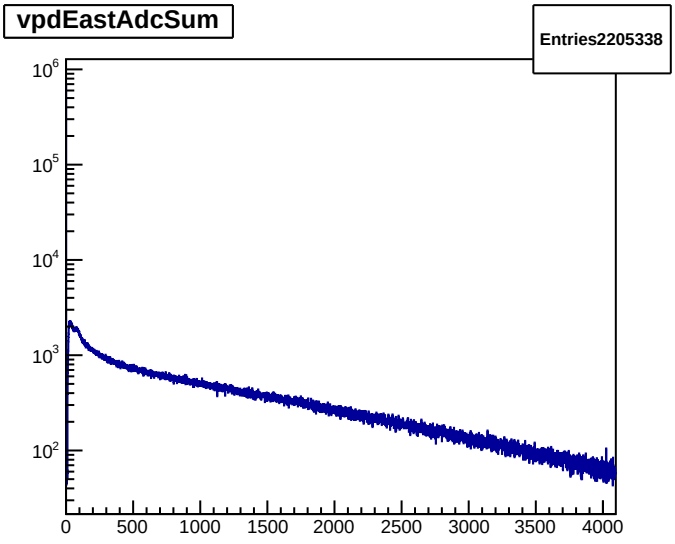

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

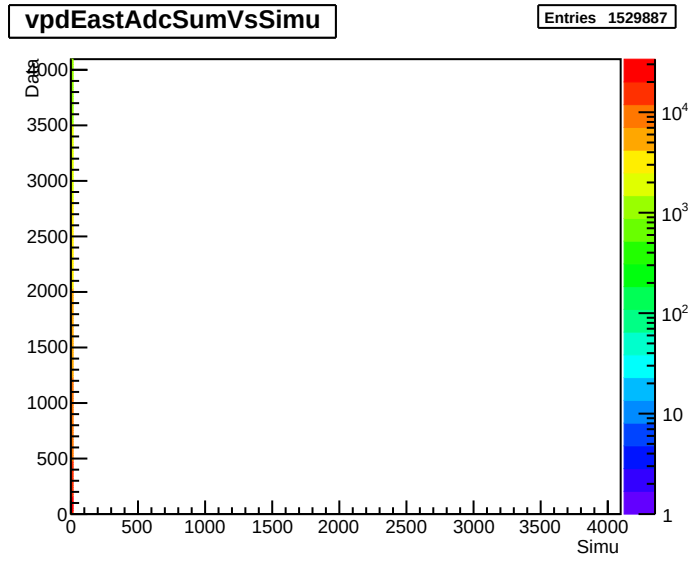

bbcSmallWestTacMax
Entries2205338

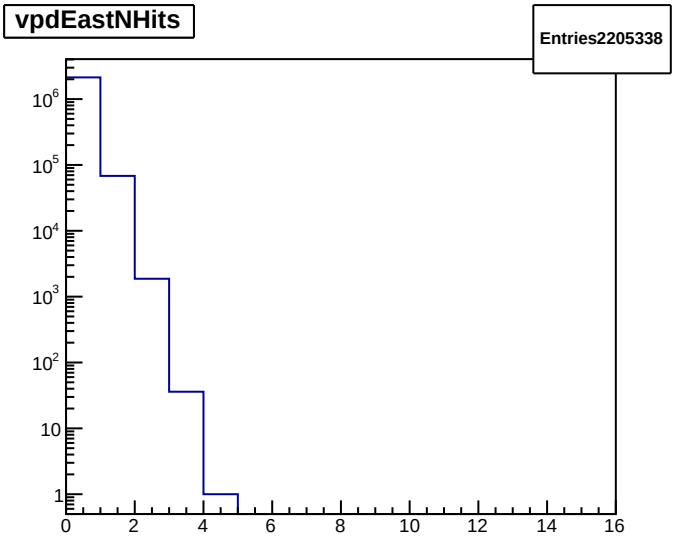

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

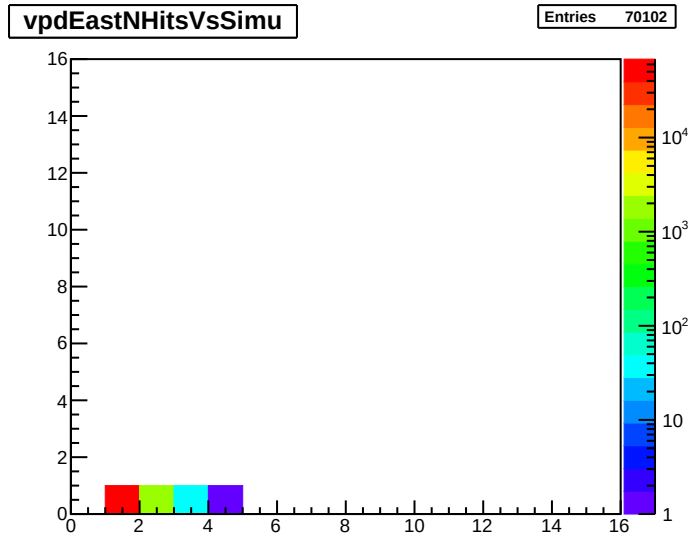

bbcLargeHit
Entries 4410676
1
0
1.86779e+06
1.8808e+06
337544
324538
E-Hit
W-Hit
10^6

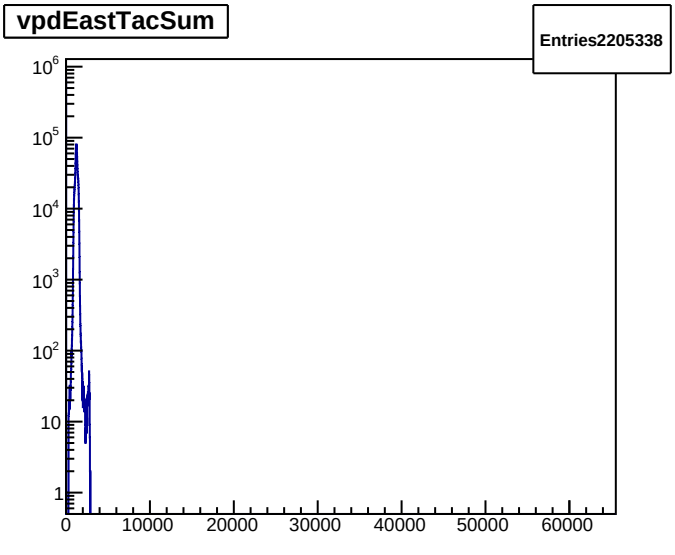

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

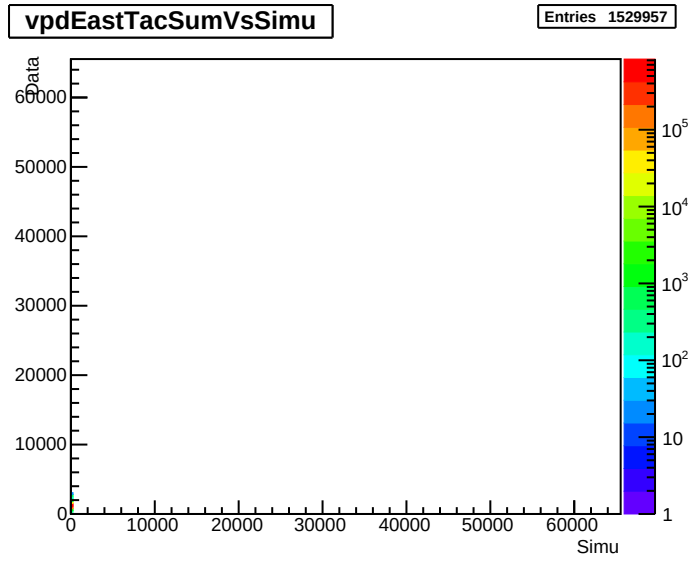

vpdEastAdcSum
Entries2205338

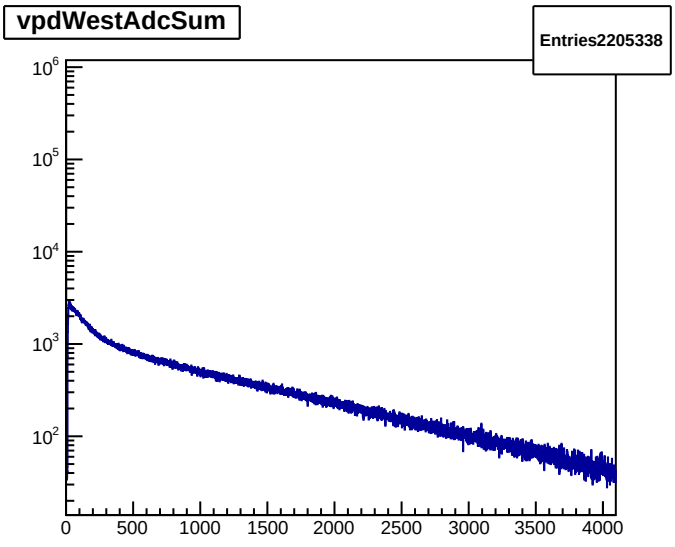

vpdEastAdcSumVsSimu
Entries 1529887
Data
Simu

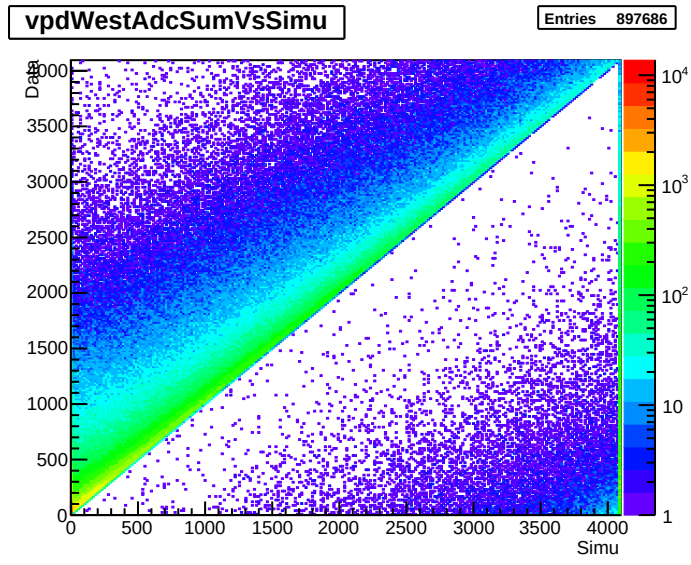

vpdEastNHits
Entries2205338

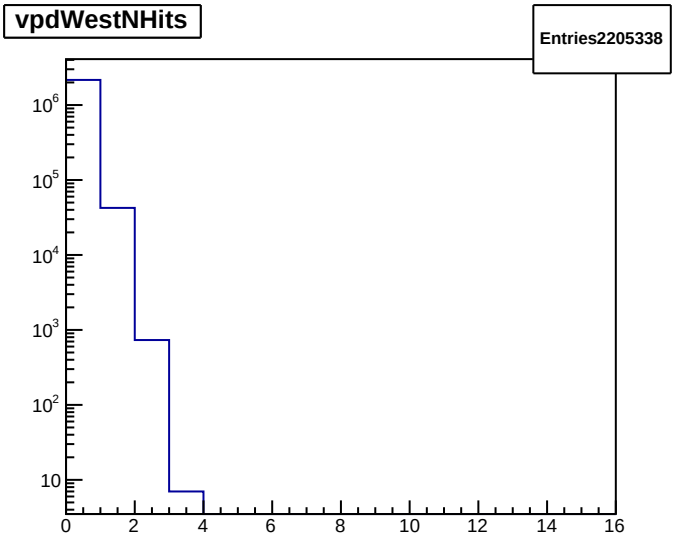

vpdEastNHitsVsSimu
Entries 70102

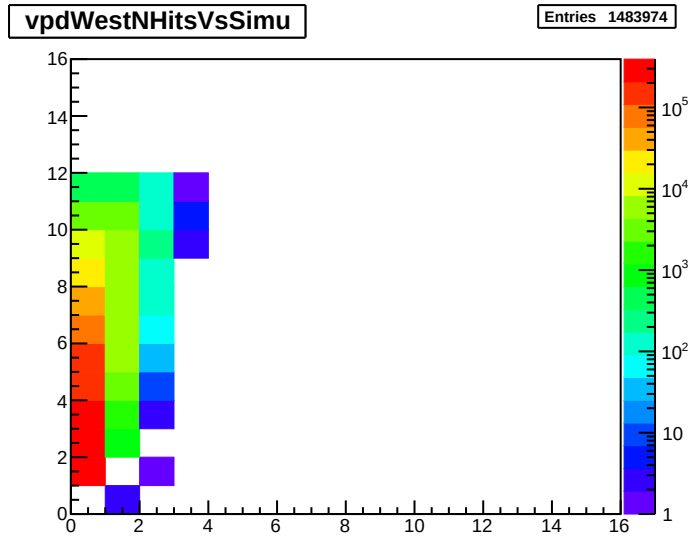

vpdEastTacSum
Entries2205338

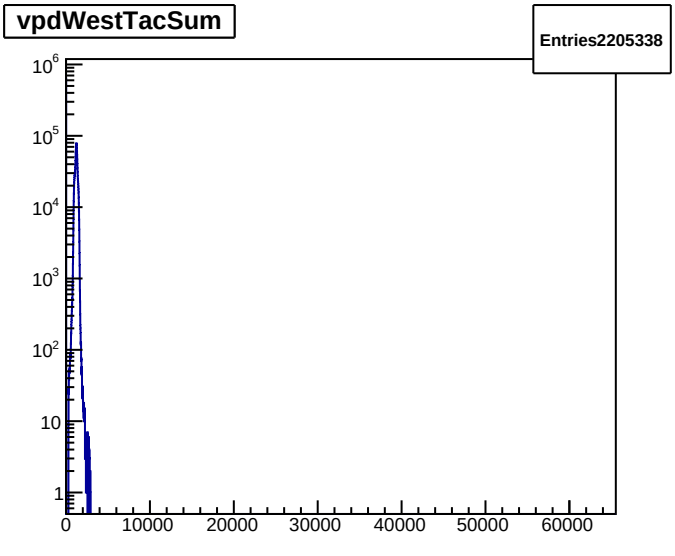

vpdEastTacSumVsSimu
Entries 1529957
Data
Simu

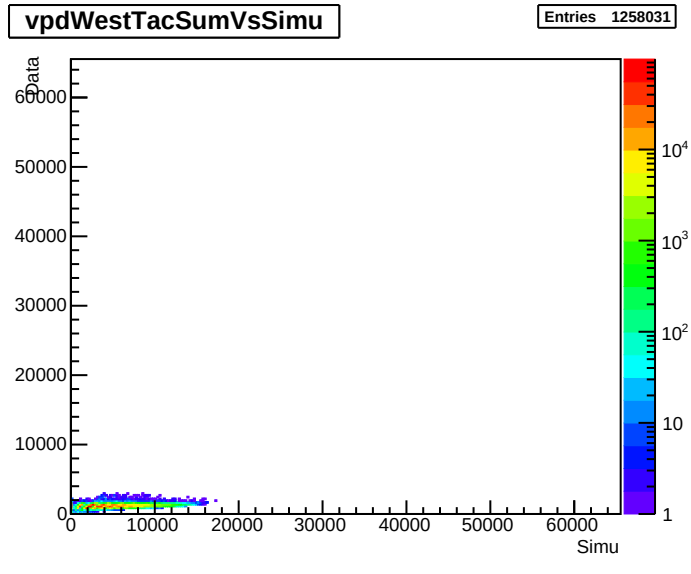

vpdWestAdcSum
Entries2205338

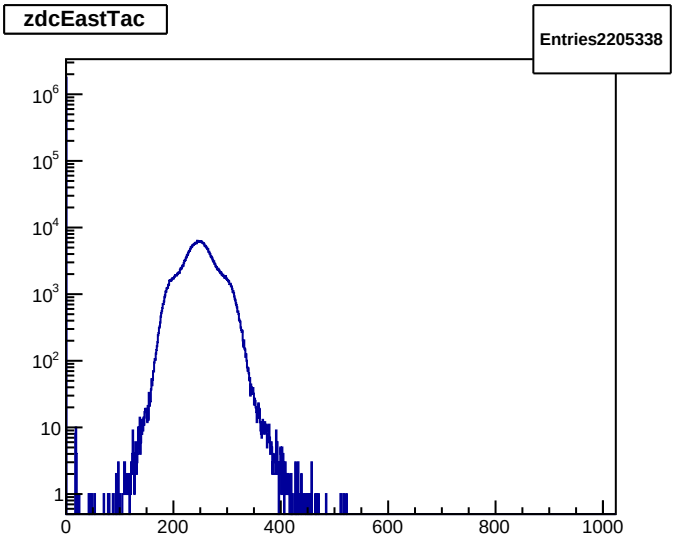

vpdWestAdcSumVsSimu
Entries 897686
Data
Simu

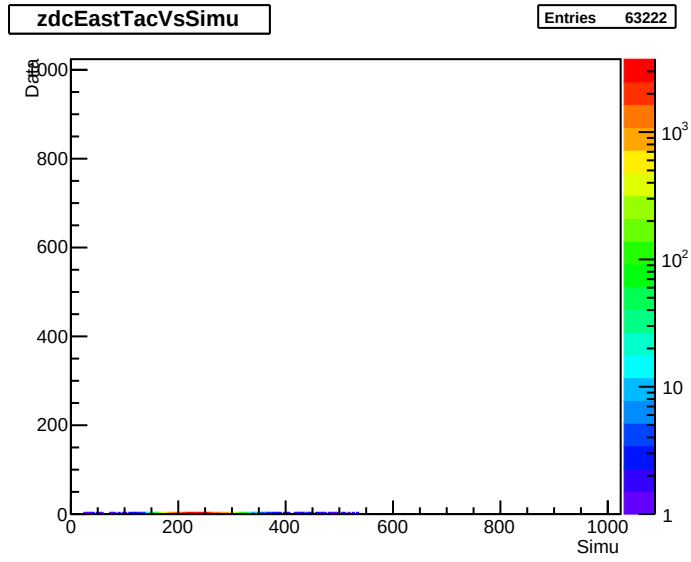

vpdWestNHits
Entries2205338

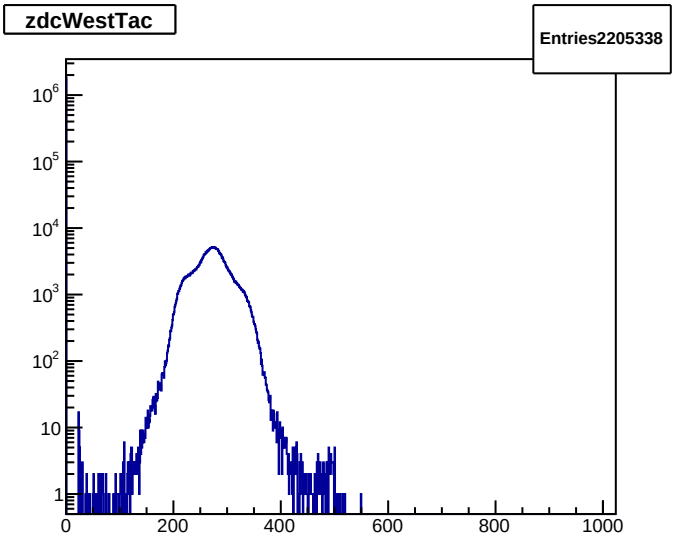

vpdWestNHitsVsSimu
Entries 1483974

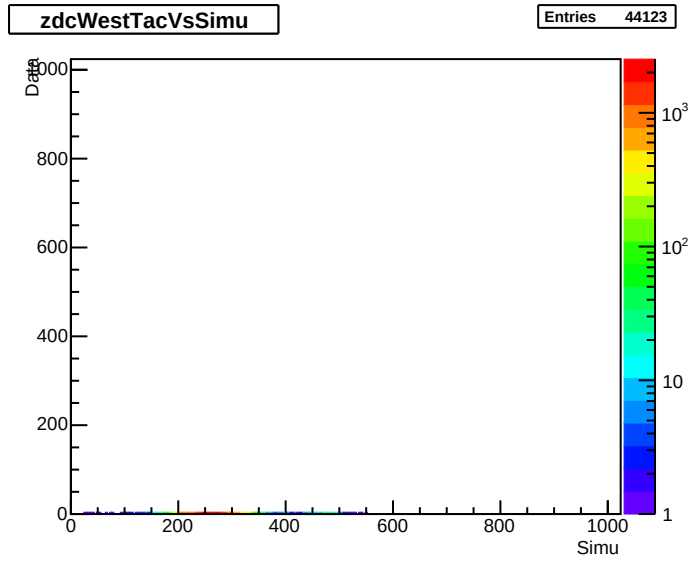

vpdWestTacSum
Entries2205338

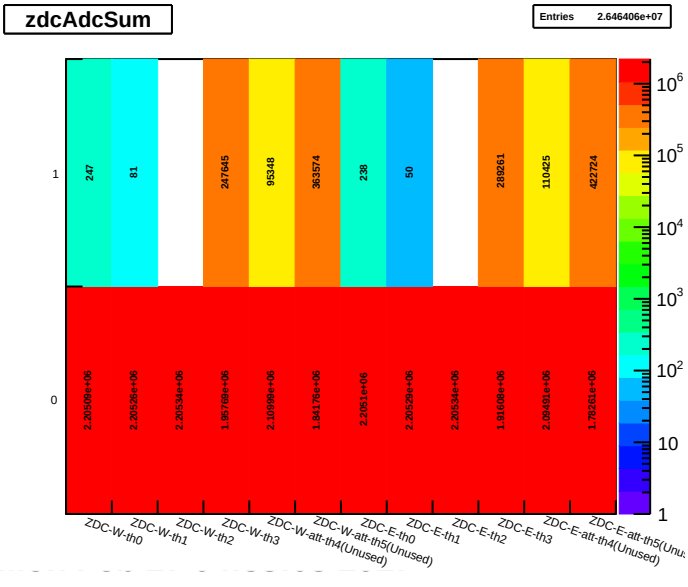

vpdWestTacSumVsSimu
Entries 1258031
Data
Simu

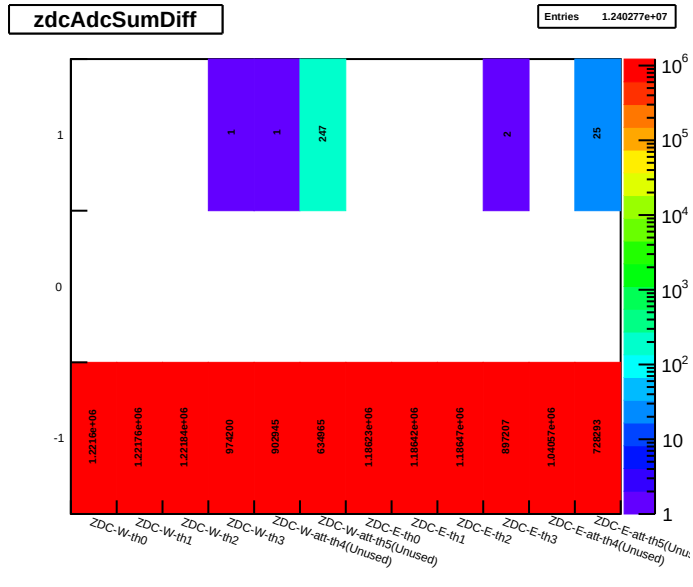

zdcEastTac
Entries2205338

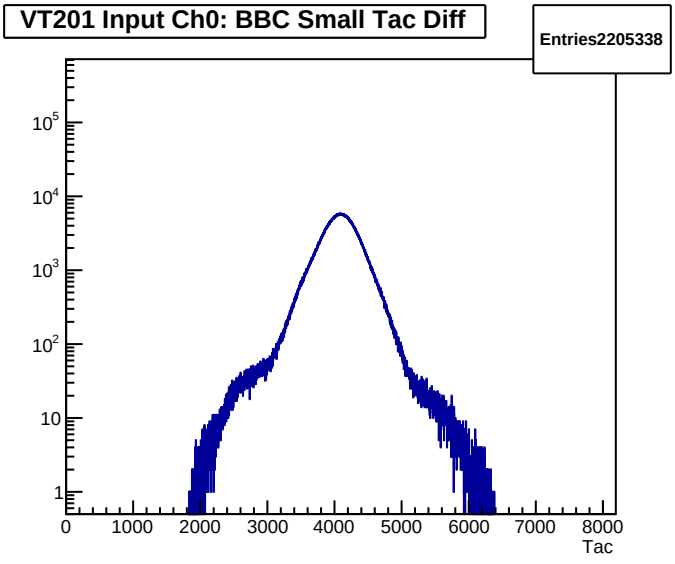

zdcEastTacVsSimu
Entries 63222
Data
Simu

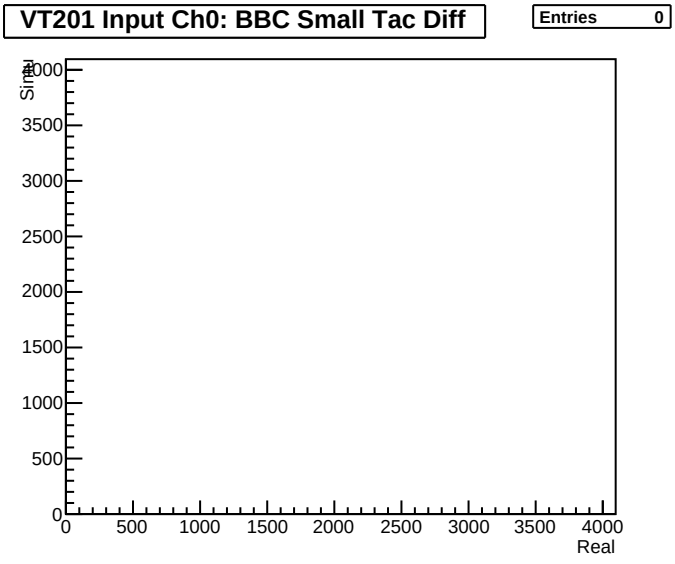

zdcWestTac
Entries2205338

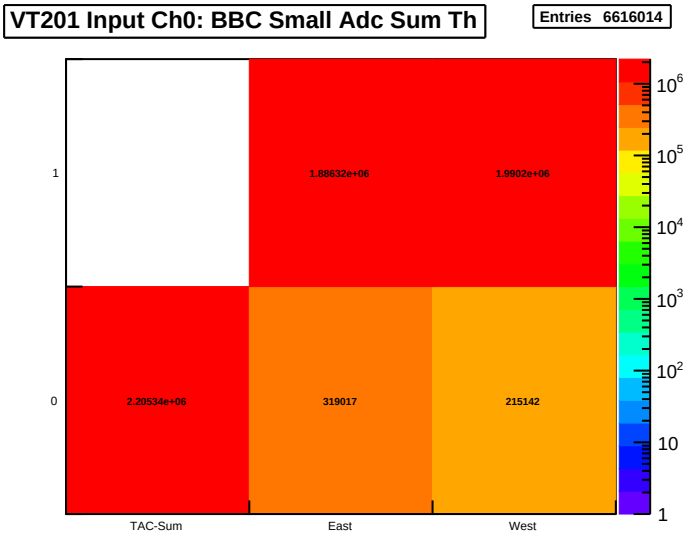

zdcWestTacVsSimu
Entries 44123
Data
Simu

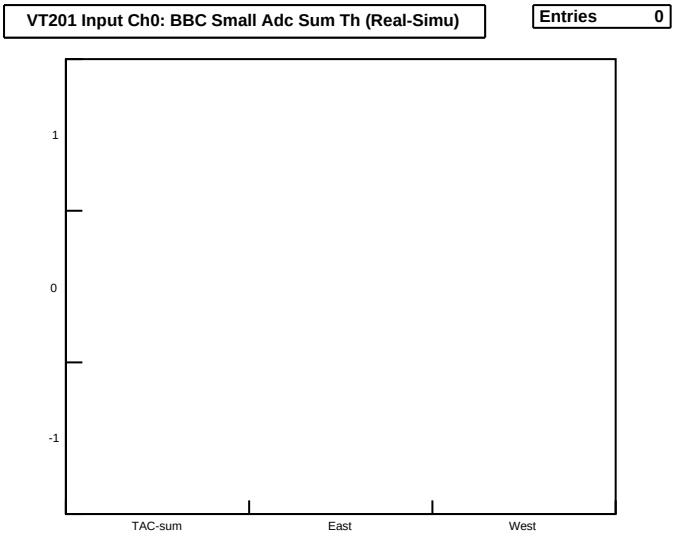

zdcAdcSum
Entries 2.646406e+07
247
81
247645
95348
363574
238
50
289261
110425
422724
2.20508e+06
2.20526e+06
2.20534e+06
1.95769e+06
2.10999e+06
1.84176e+06
2.2051e+06
2.20528e+06
2.20534e+06
1.91608e+06
2.09491e+06
1.78261e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

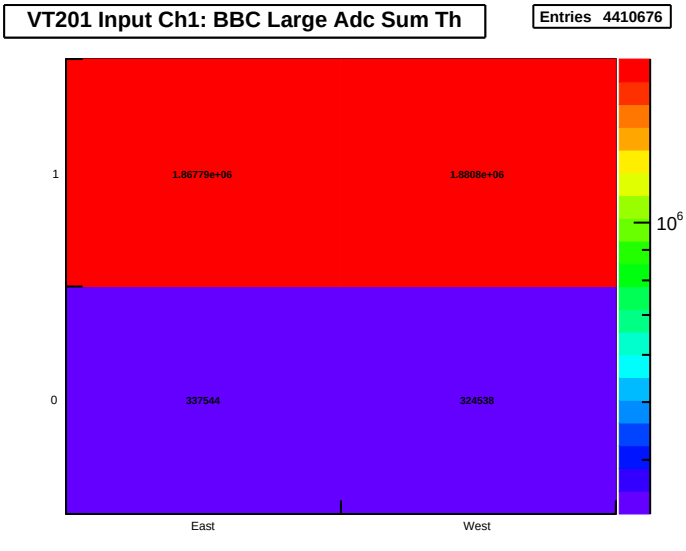

zdcAdcSumDiff
Entries 1.240277e+07
1
1
247
2
25
1.2216e+06
1.22176e+06
1.22184e+06
974200
902945
634065
1.18623e+06
1.18642e+06
1.18647e+06
897207
1.04057e+06
728293
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

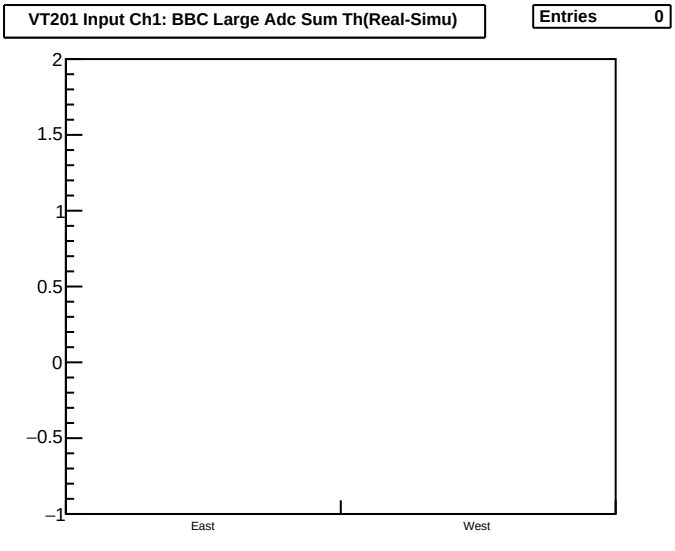

VT201 Input Ch0: BBC Small Tac Diff
Entries2205338
Tac


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

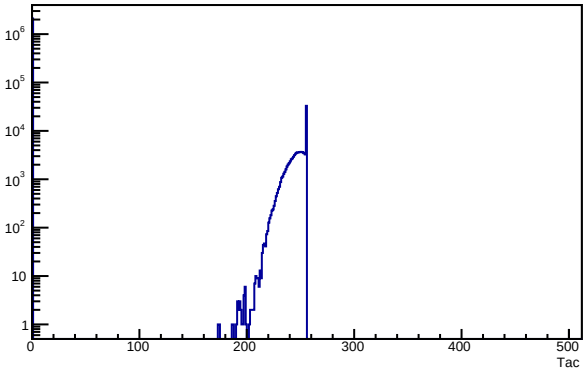

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6616014
1.88632e+06
1.9902e+06
2.20534e+06
319017
215142
TAC-Sum
East
West


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

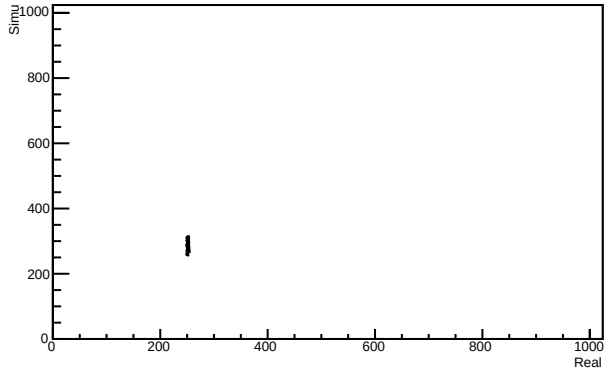

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4410676
1.86779e+06
1.8808e+06
337544
324538
East
West


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

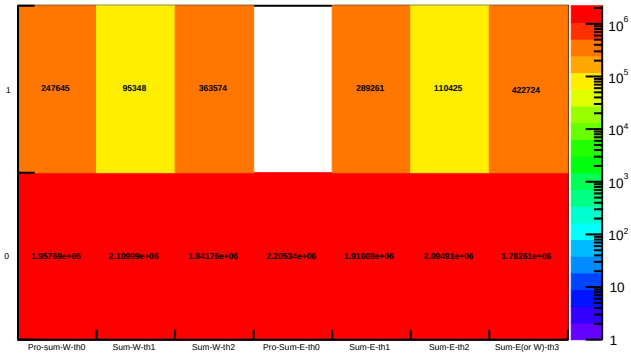
VT201 Input Ch2: ZDC Tac Diff



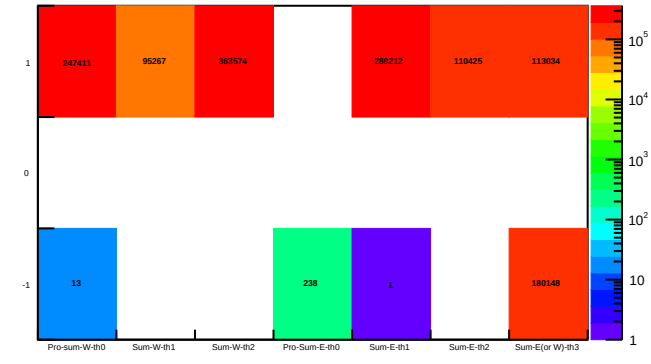
VT201 Input Ch2: ZDC Tac Diff



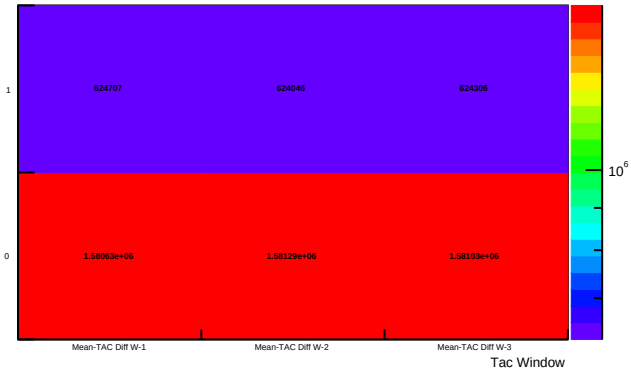
VT201 Input Ch2: ZDC Adc Sum Th



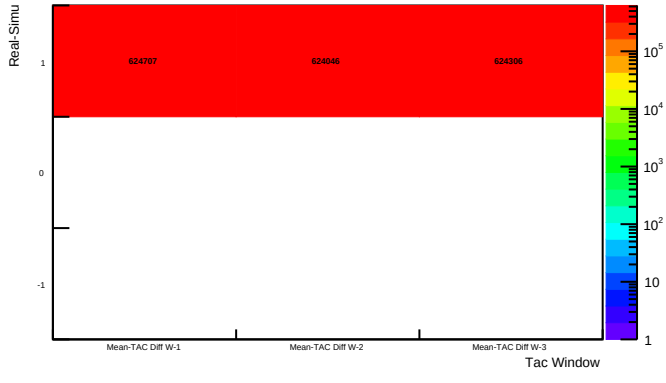
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



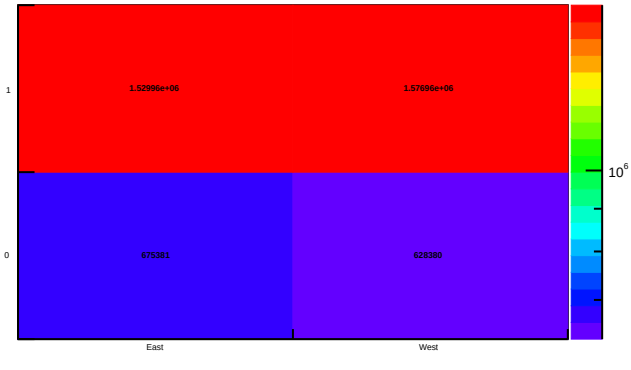
VT201 Input Ch4: VPD Tac Diff



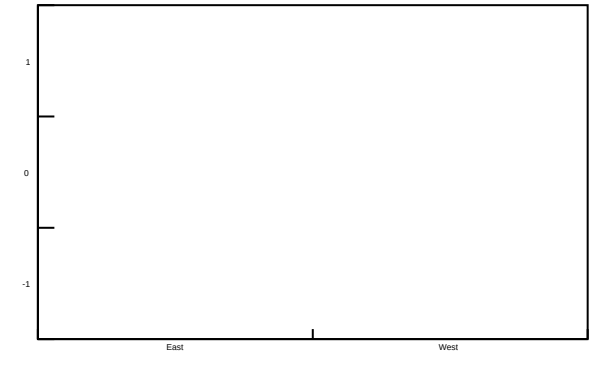
VT201 Input Ch4: VPD Tac Diff

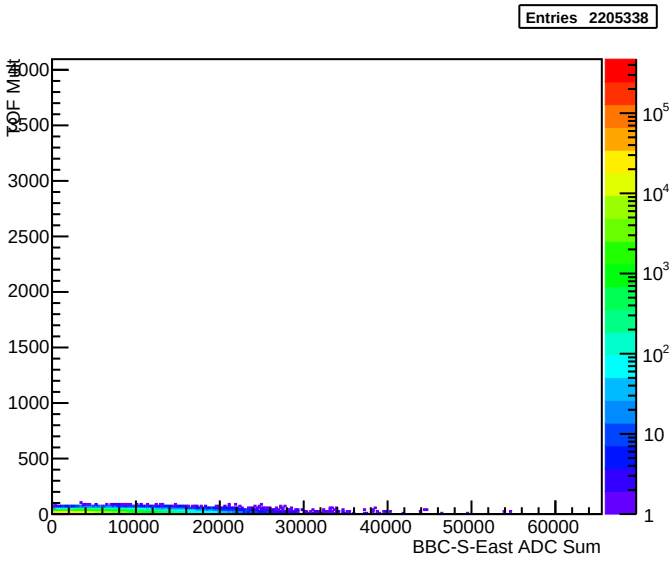


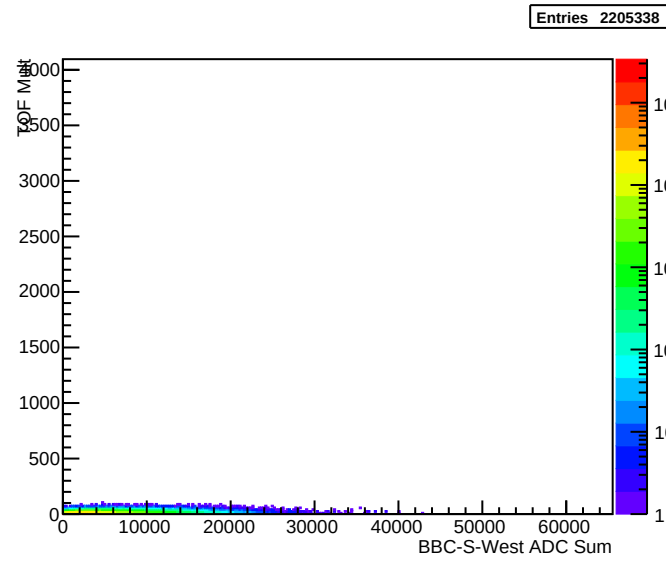
VT201 Input Ch4: VPD Adc Sum Th

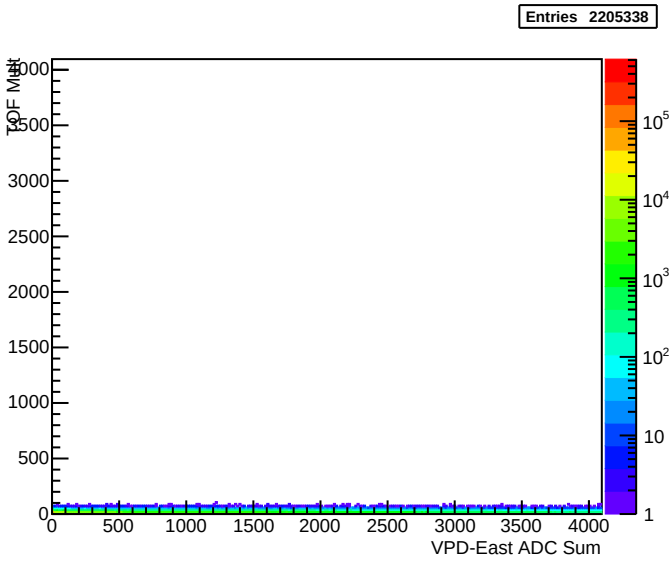


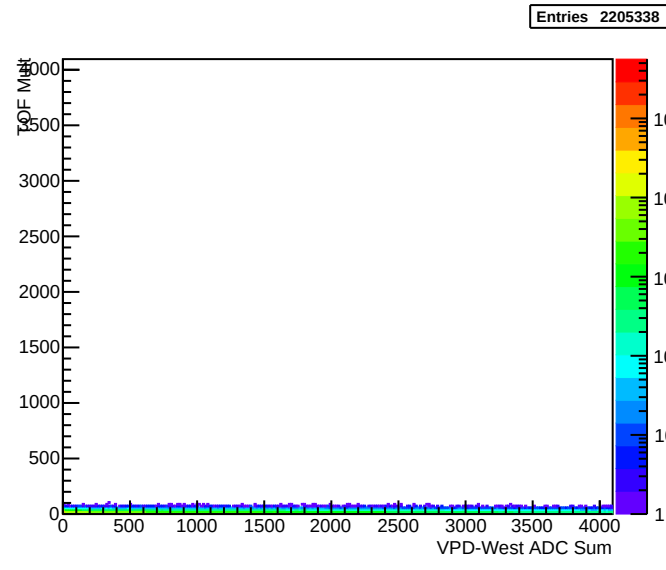
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

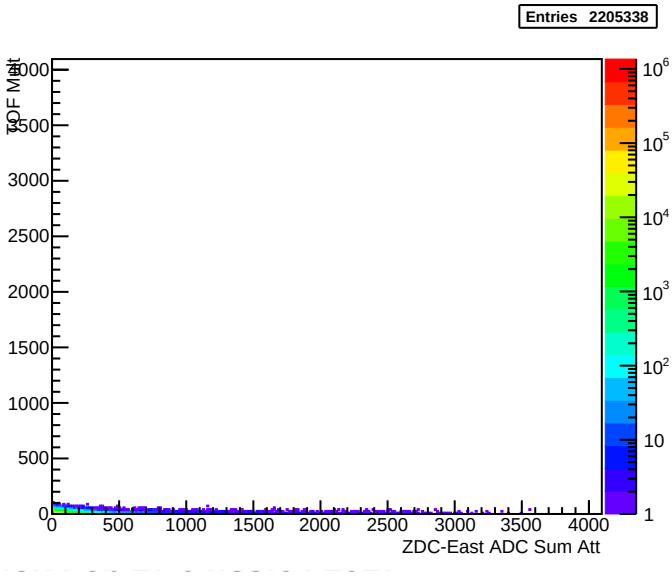


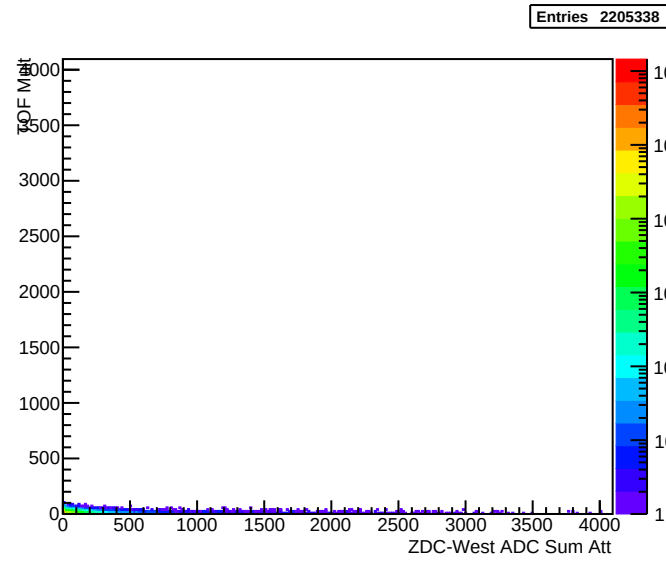

Entries 2205338
TOF Mult
BBC-S-East ADC Sum

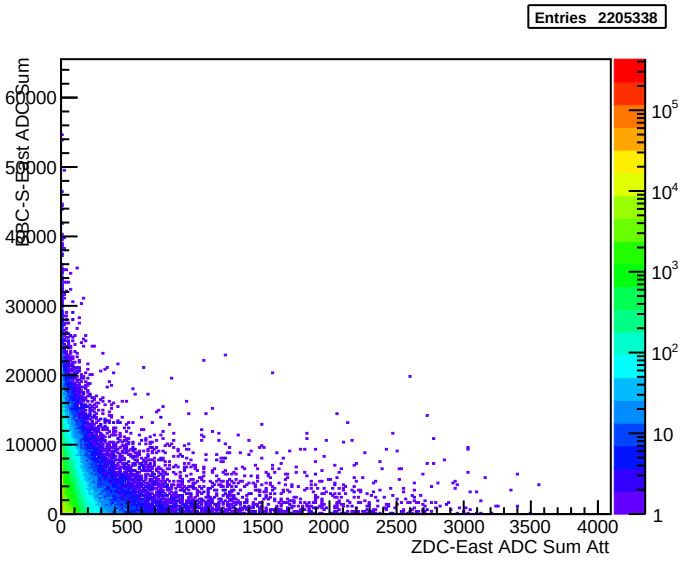

Entries 2205338
TOF Mult
BBC-S-West ADC Sum

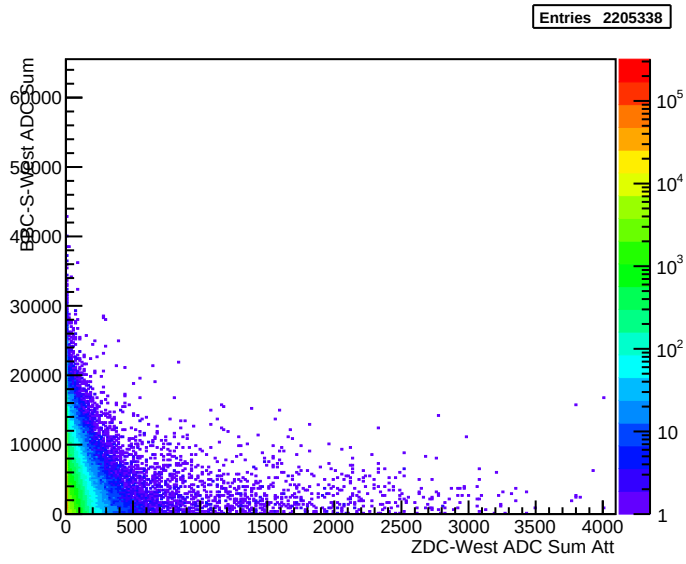

Entries 2205338
TOF Mult
VPD-East ADC Sum

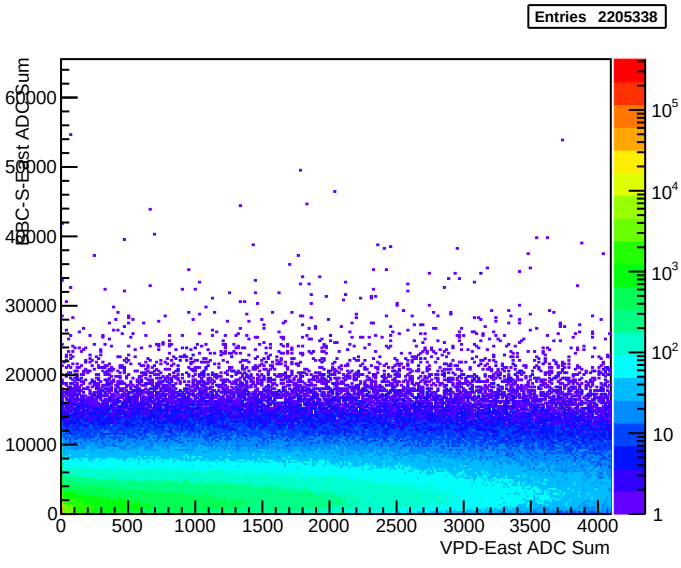

Entries 2205338
TOF Mult
VPD-West ADC Sum

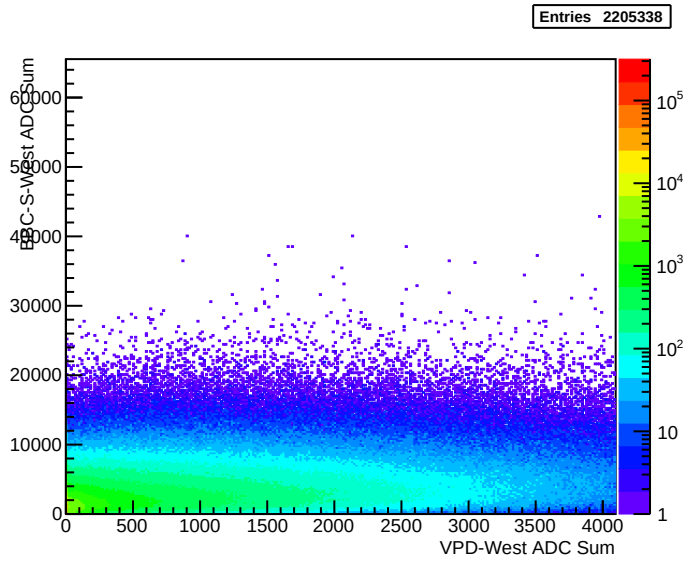

Entries 2205338
TOF Mult
ZDC-East ADC Sum Att

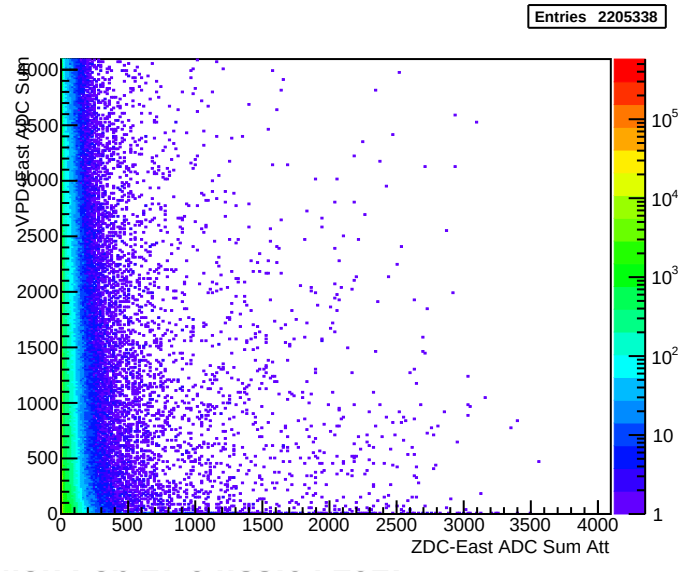

Entries 2205338
TOF Mult
ZDC-West ADC Sum Att

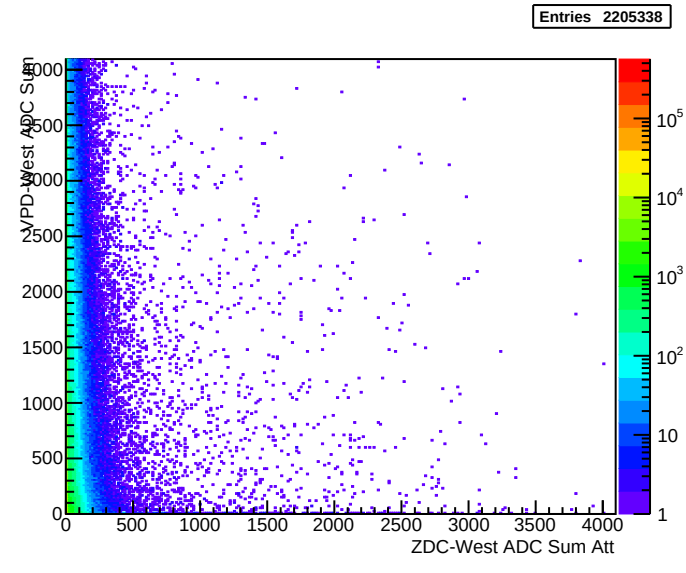

Entries 2205338
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

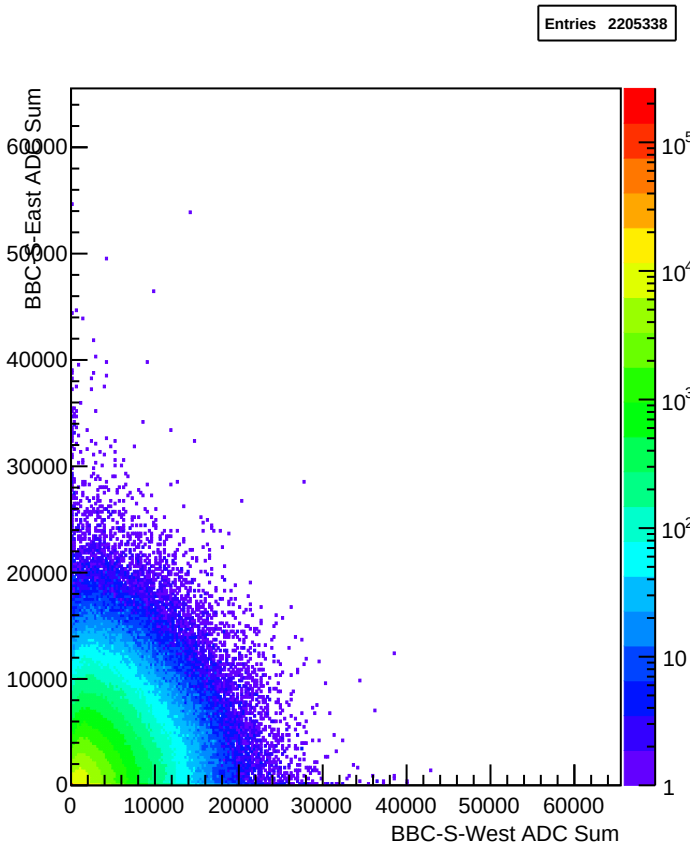

Entries 2205338
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

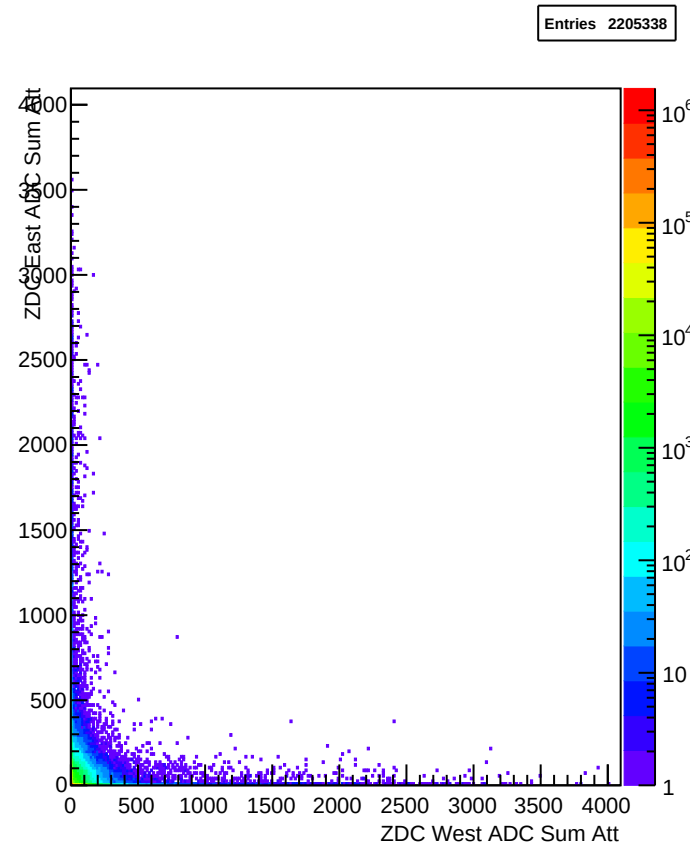

Entries 2205338
BBC-S-East ADC Sum
VPD-East ADC Sum

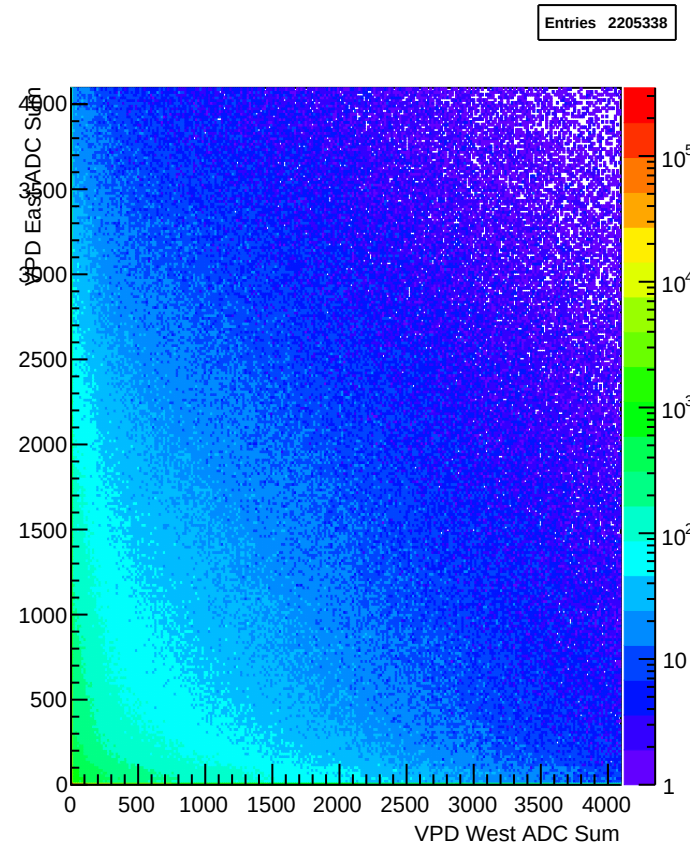

Entries 2205338
BBC-S-West ADC Sum
VPD-West ADC Sum

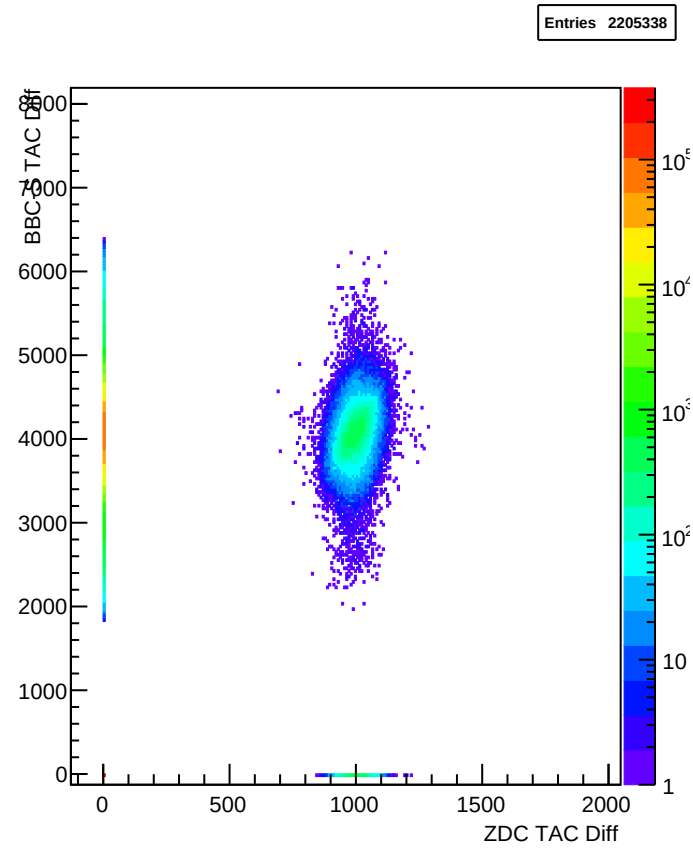

Entries 2205338
VPD-East ADC Sum
ZDC-East ADC Sum Att

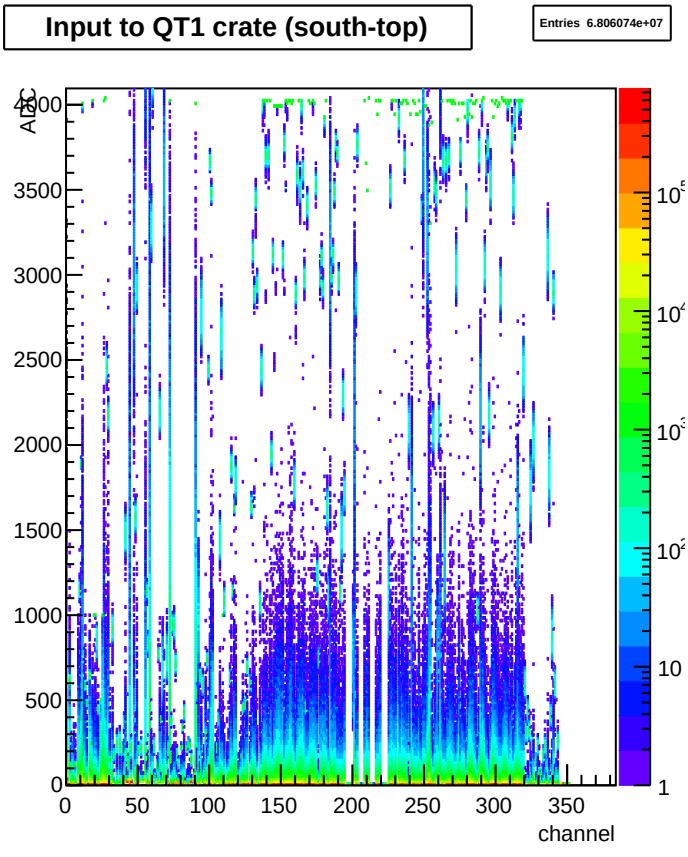

Entries 2205338
VPD-West ADC Sum
ZDC-West ADC Sum Att

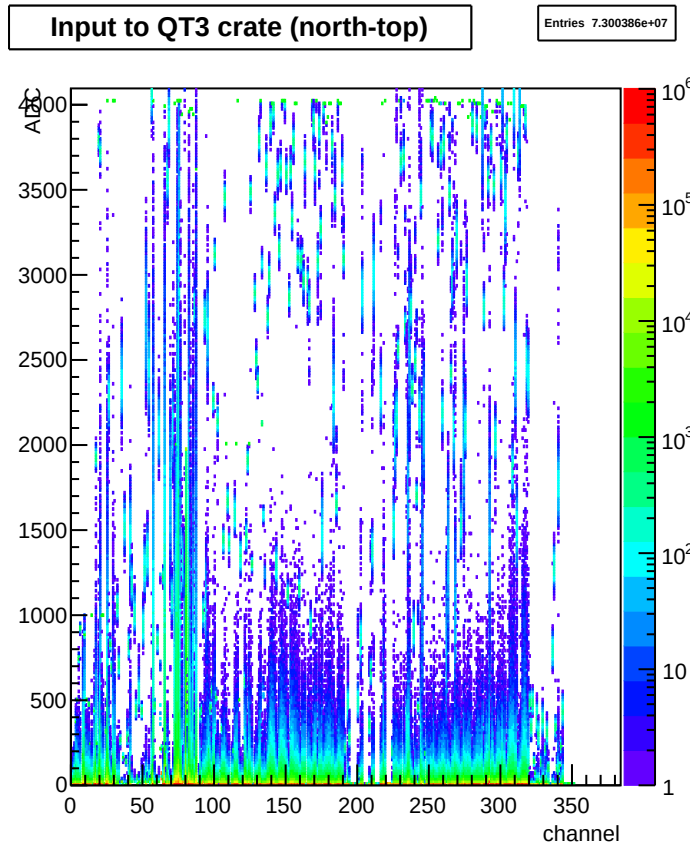

Entries 2205338
BBC-S-East ADC Sum
BBC-S-West ADC Sum

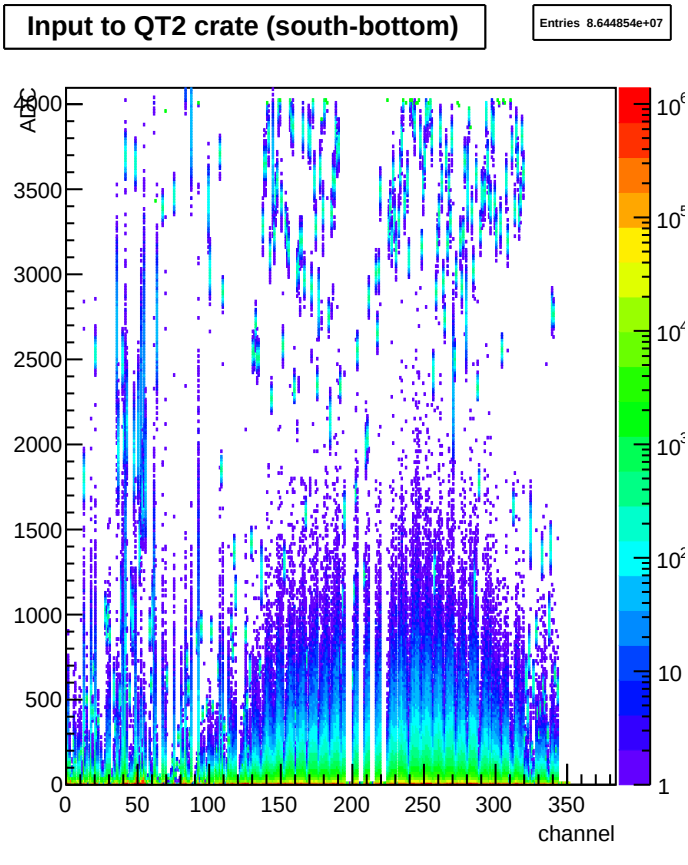

Entries 2205338
ZDC East ADC Sum Att
ZDC West ADC Sum Att

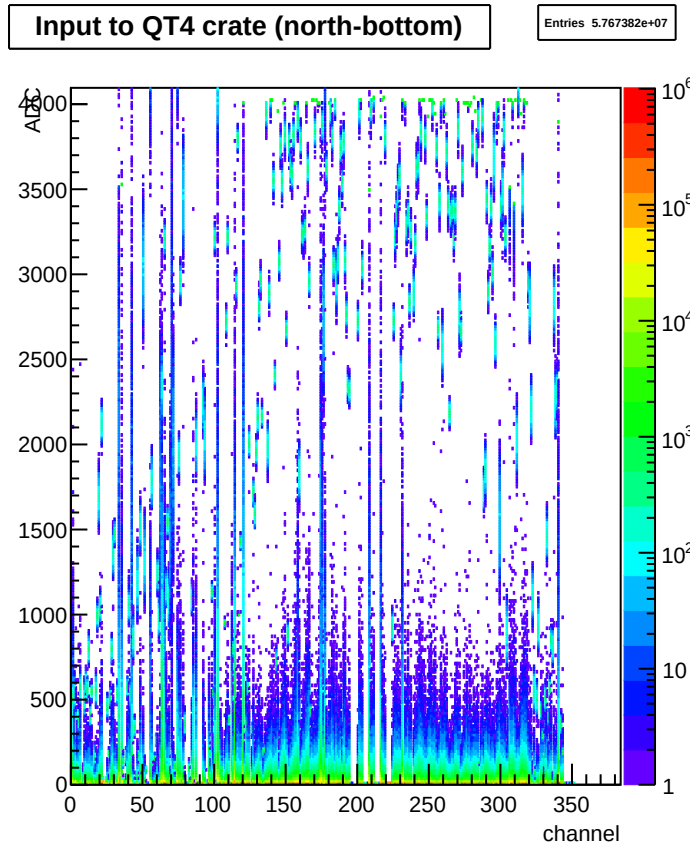

Entries 2205338
VPD East ADC Sum
VPD West ADC Sum

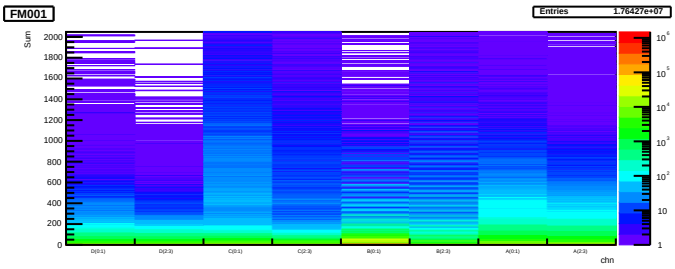

Entries 2205338
BBC-S TAC Diff
ZDC TAC Diff

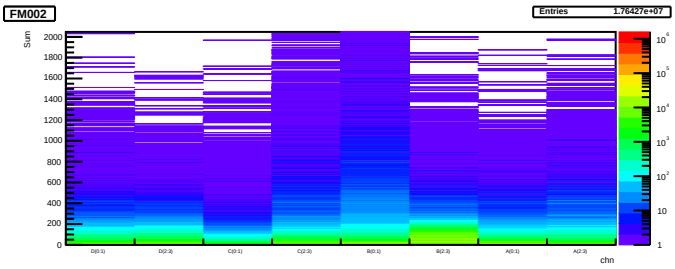

Input to QT1 crate (south-top)
Entries 6.806074e+07
ADC
channel

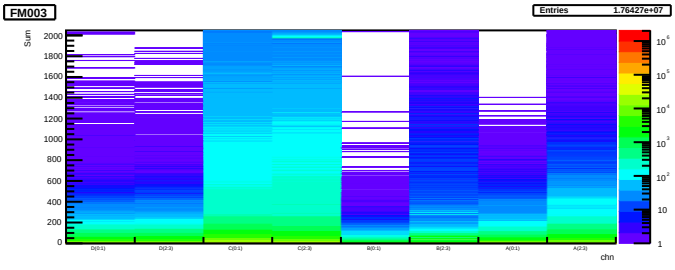

Input to QT3 crate (north-top)
Entries 7.300386e+07
ADC
channel

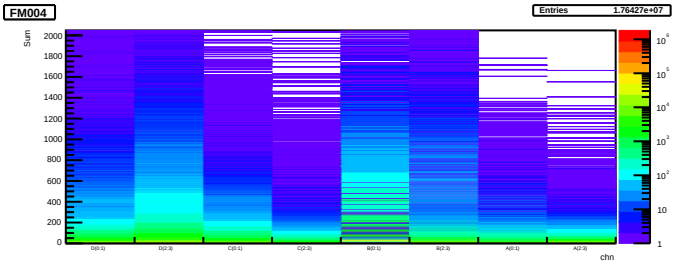

Input to QT2 crate (south-bottom)
Entries 8.644854e+07
ADC
channel

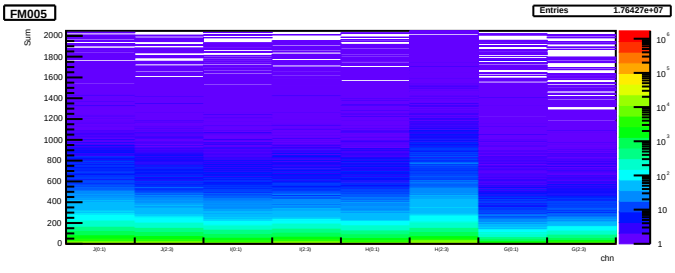

Input to QT4 crate (north-bottom)
Entries 5.767382e+07
ADC
channel

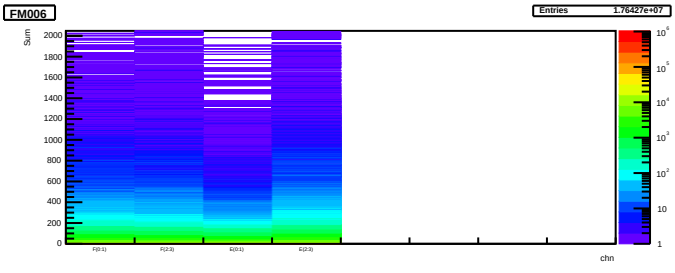

FM001
Entries 1.76427e+07
Sum
chn

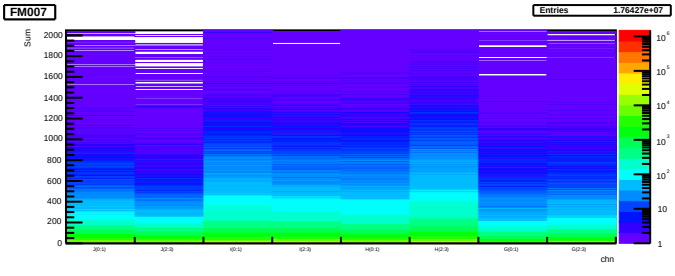

FM002
Entries 1.76427e+07
Sum
chn

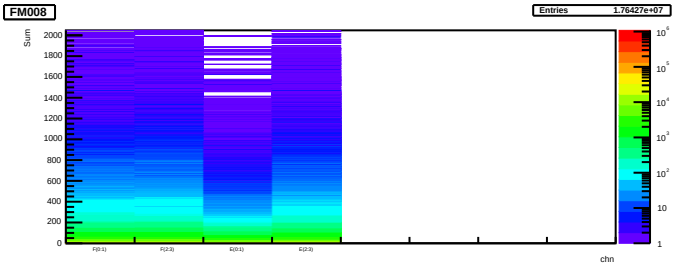

FM003
Entries 1.76427e+07
Sum
chn

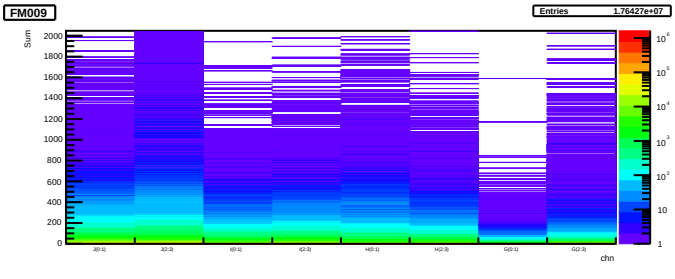

FM004
Entries 1.76427e+07
Sum
chn


FM005
Entries 1.76427e+07
Sum
chn


FM006
Entries 1.76427e+07
Sum
chn


FM007
Entries 1.76427e+07
Sum
chn


FM008
Entries 1.76427e+07
Sum
chn


FM009
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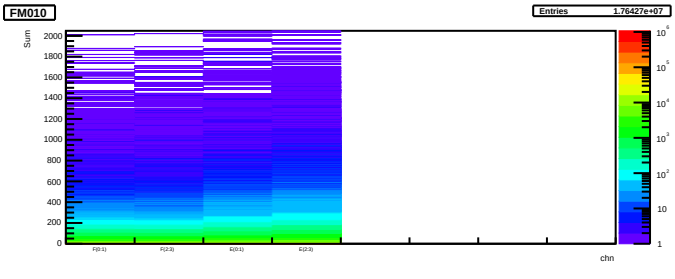
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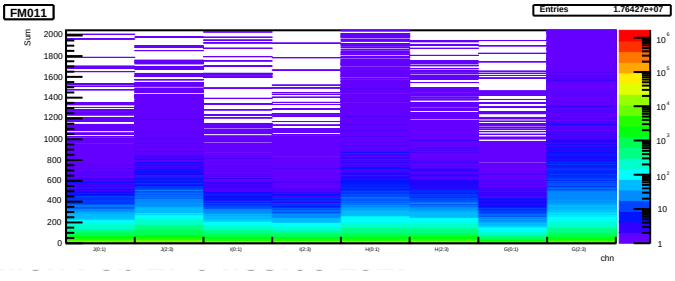
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Sum
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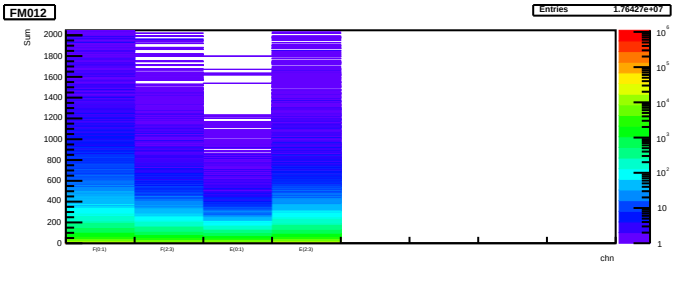
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Sum
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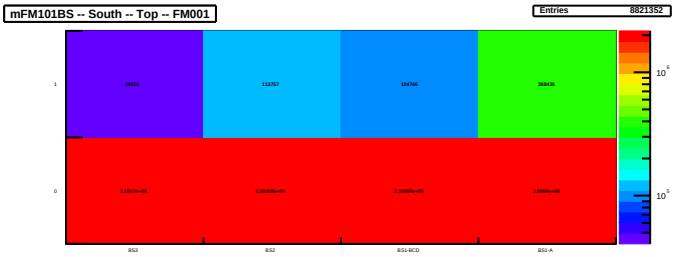
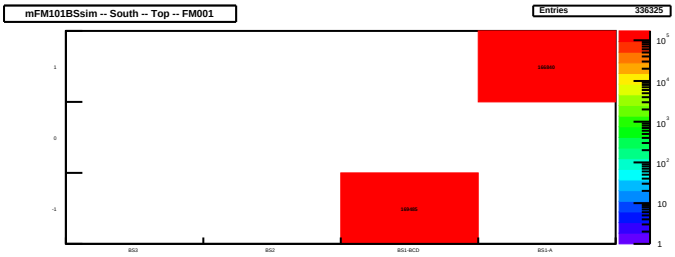

mFM101BS -- South -- Top -- FM001
Entries 8821352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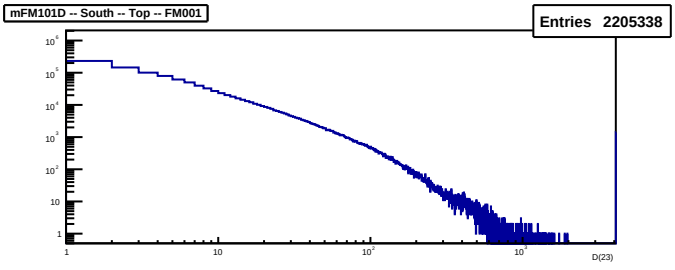
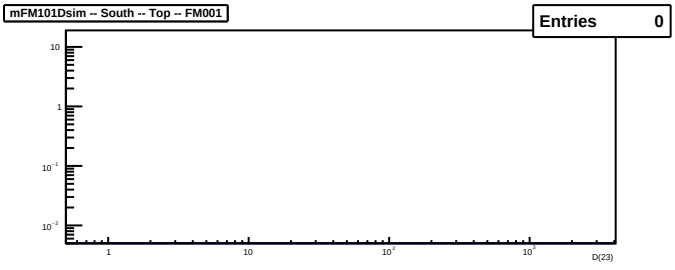
Entries 336325


mFM101D -- South -- Top -- FM001
Entries 2205338
D(23)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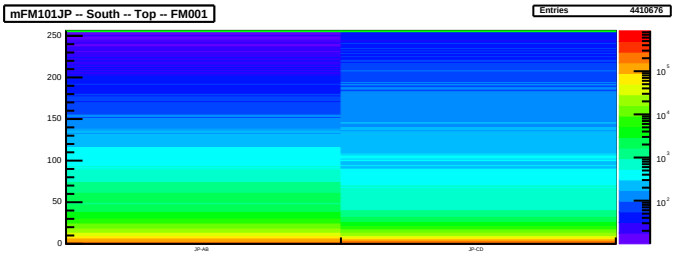
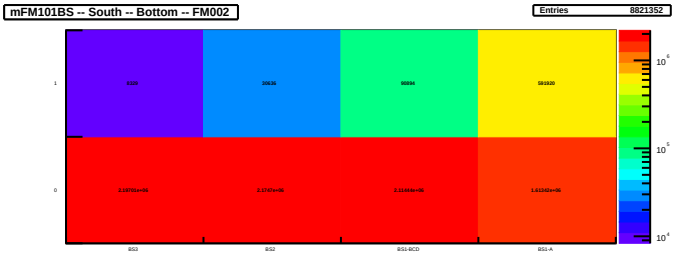
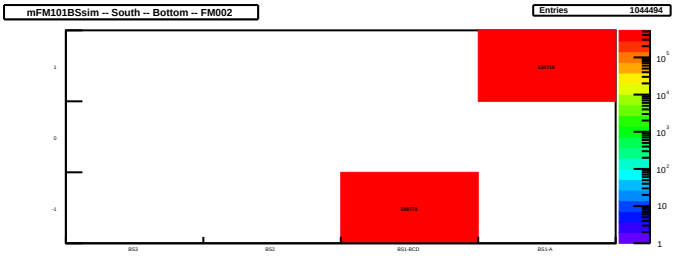
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 4410676

mFM101JPsim -- South -- Top -- FM001
Entries 0


mFM101BS -- South -- Bottom -- FM002
Entries 8821352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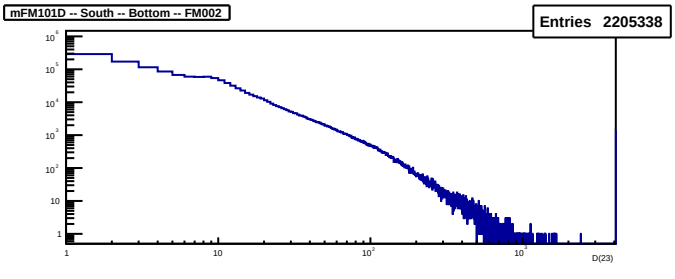
Entries 1044494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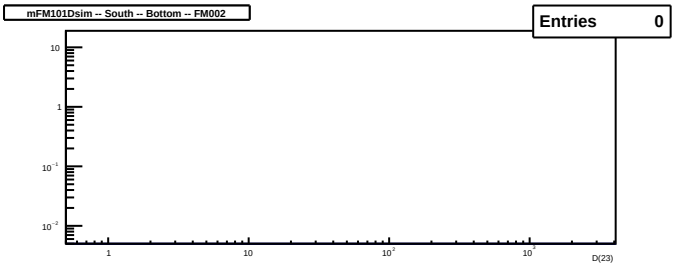
Entries 2205338
D(23)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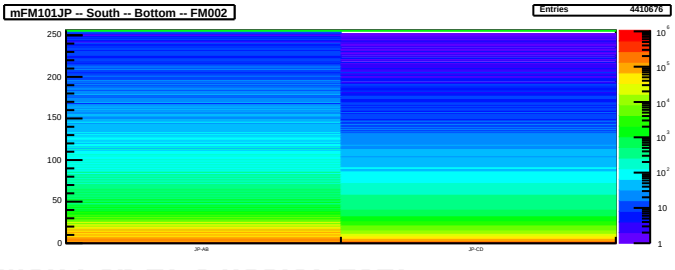
Entries 0
D(23)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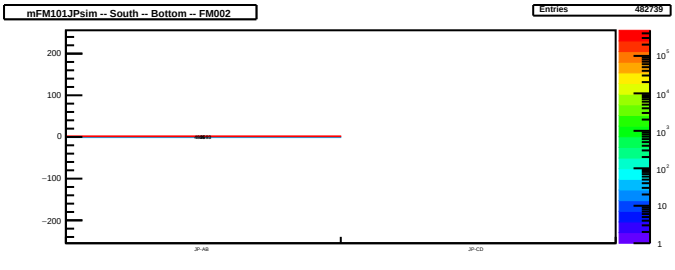
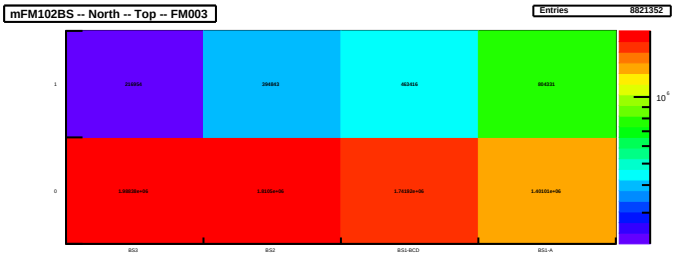
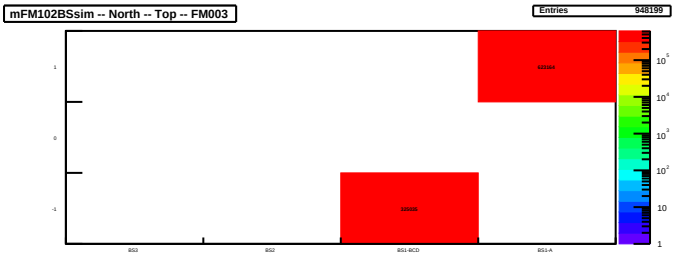
Entries 4410676


mFM101JPsim -- South -- Bottom -- FM002
Entries 482739


mFM102BS -- North -- Top -- FM003
Entries 8821352
BS3
BS2
BS1-BCD
BS1-A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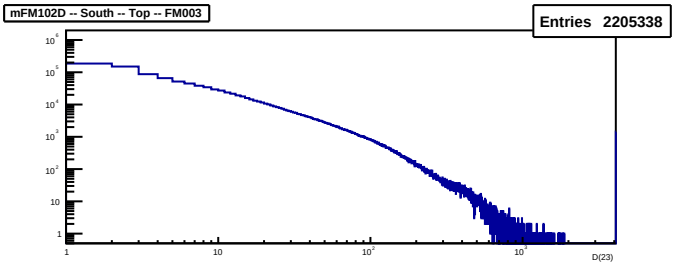
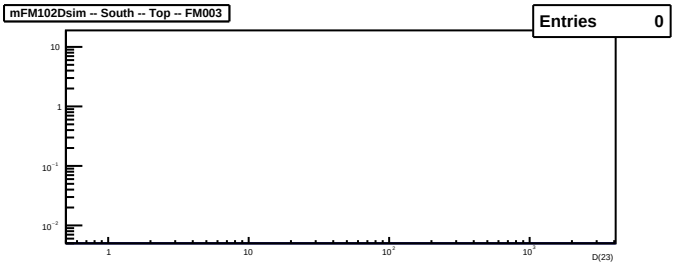
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 2205338
D(23)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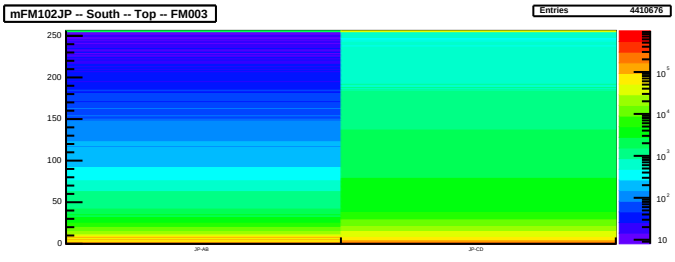
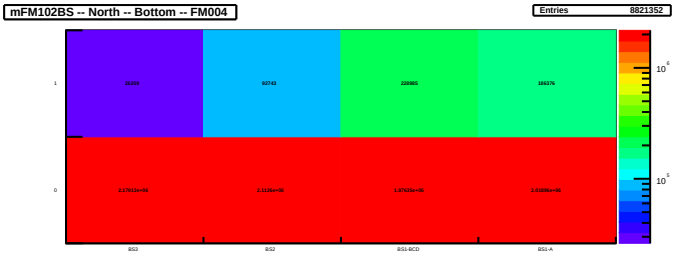
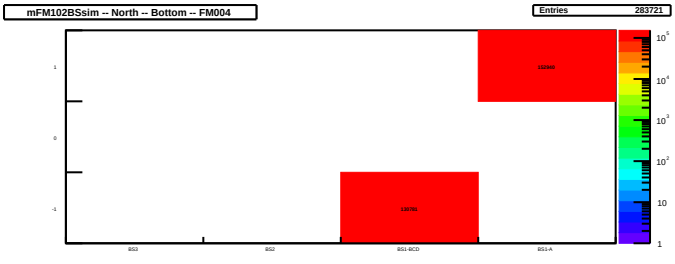
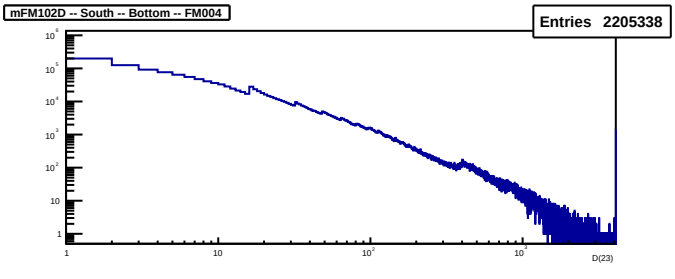
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 4410676
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 8821352
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Bottom -- FM004
Entries 283721
BS3
BS2
BS1-BCD
BS1-A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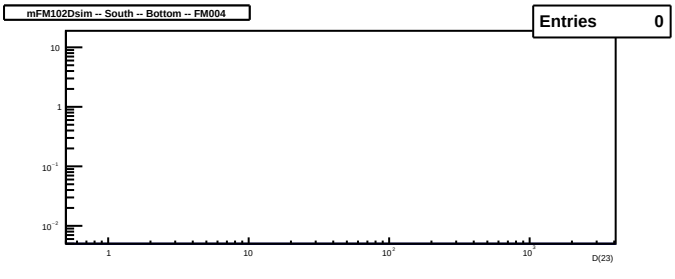
Entries 2205338
D(23)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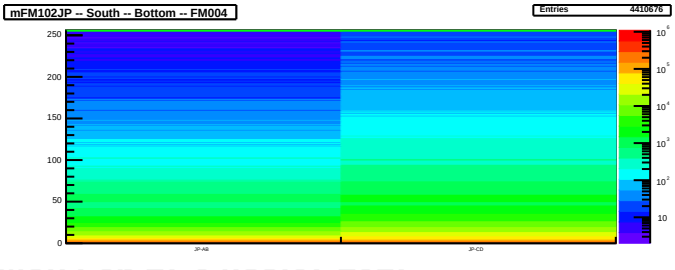
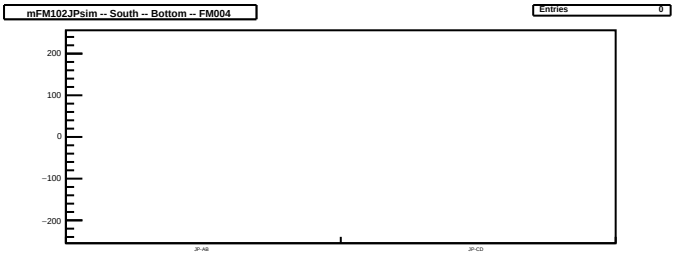
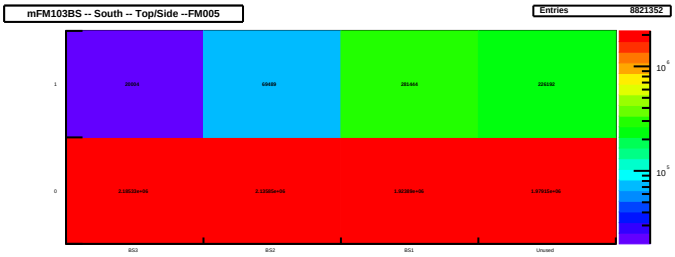
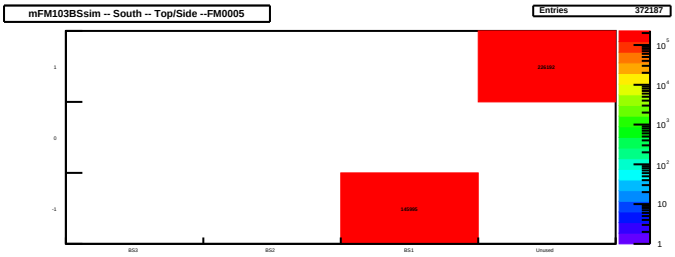
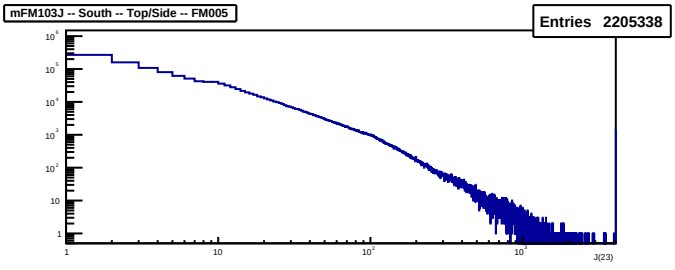
Entries 0
D(23)

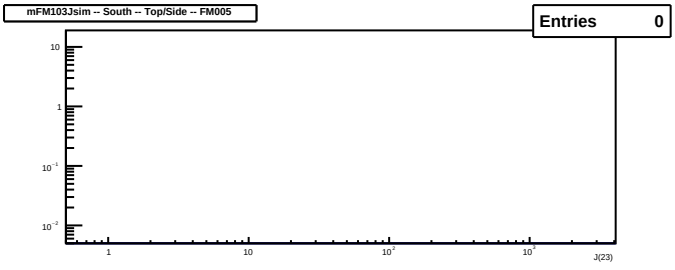

mFM102JP -- South -- Bottom -- FM004
Entries 4410676
JP-AB
JP-CD

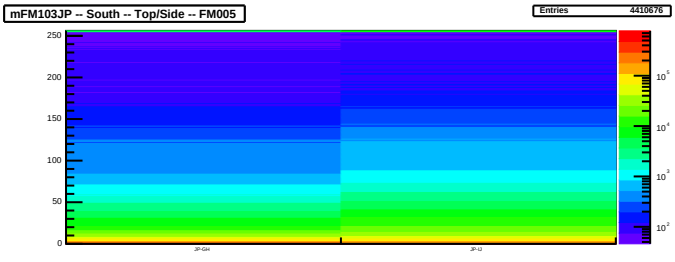

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

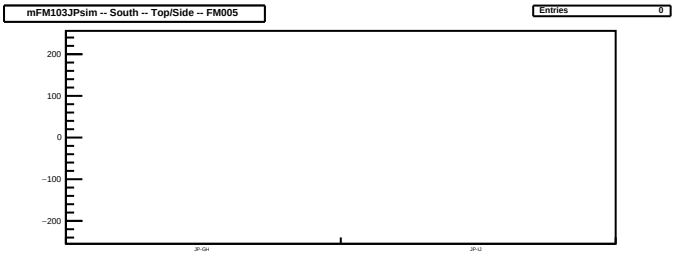

mFM103BS -- South -- Top/Side --FM005
Entries 8821352
BS3
BS2
BS1
Unused

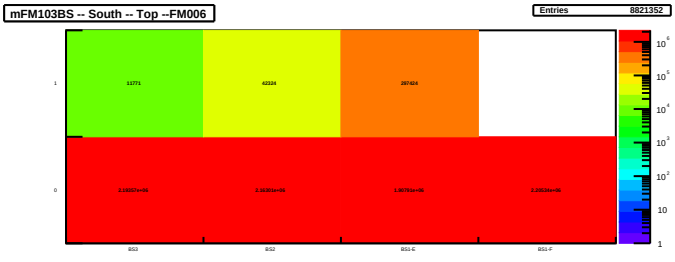

mFM103BSsim -- South -- Top/Side --FM0005
Entries 372187
BS3
BS2
BS1
Unused

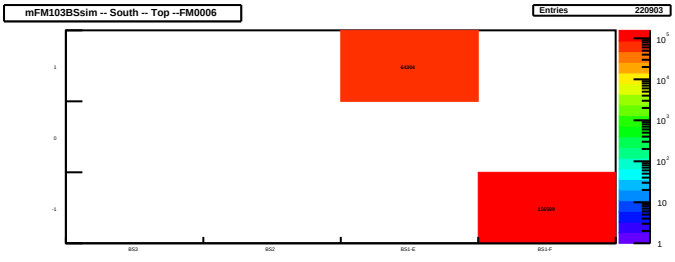

mFM103J -- South -- Top/Side -- FM005
Entries 2205338
J(23)

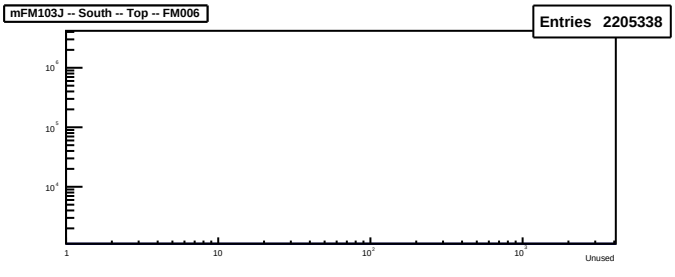

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

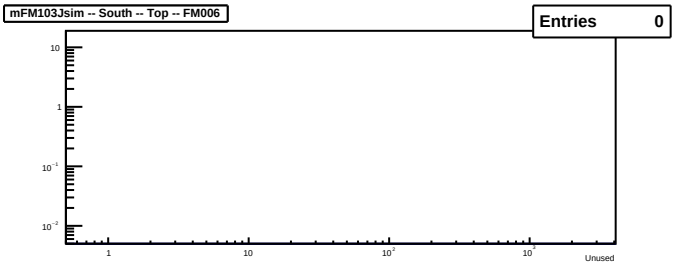

mFM103JP -- South -- Top/Side -- FM005
Entries 4410676
JP-G4
JP-I1

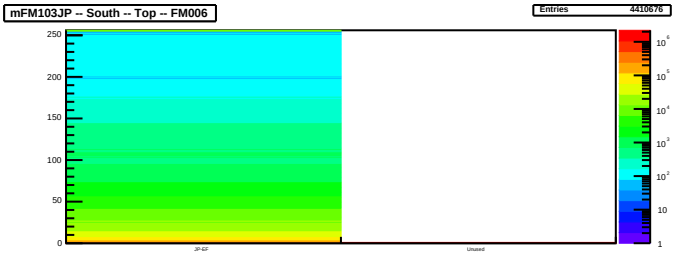

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-G4
JP-I1

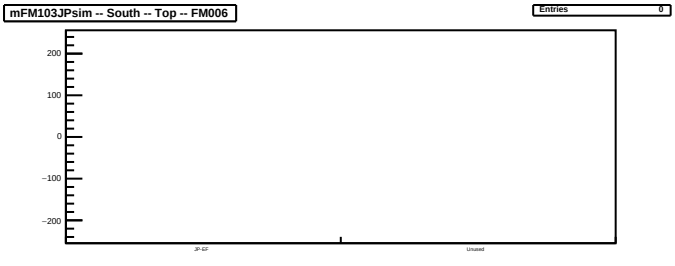

mFM103BS -- South -- Top --FM006
Entries 8821352
BS3
BS2
BS1-E
BS1-F

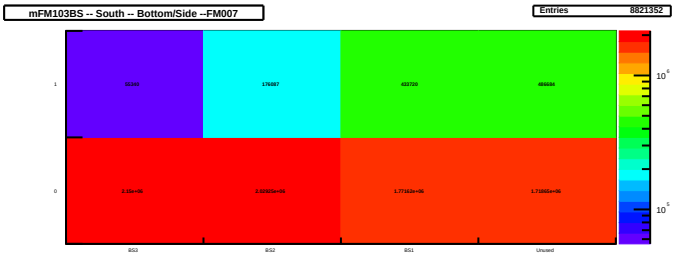

mFM103BSsim -- South -- Top --FM0006
Entries 220903
BS3
BS2
BS1-E
BS1-F

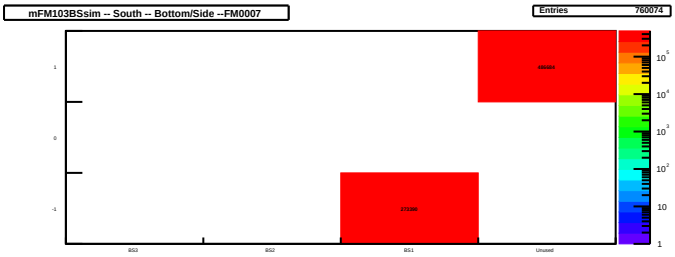

mFM103J -- South -- Top -- FM006
Entries 2205338
Unused


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


mFM103JP -- South -- Top -- FM006
Entries 4410676
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 8821352
BS3
BS2
BS1
Unused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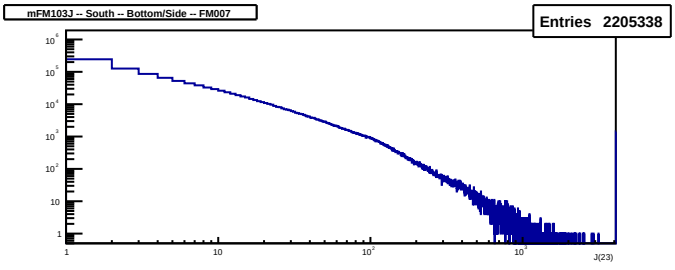
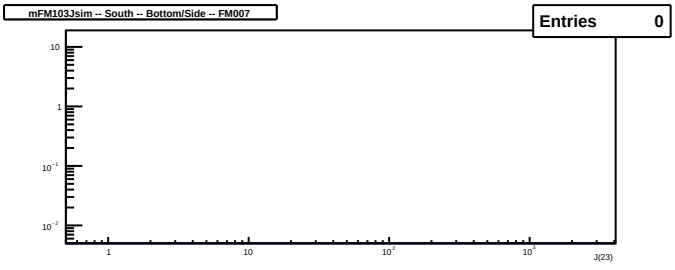
Entries 760074
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 2205338
J(23)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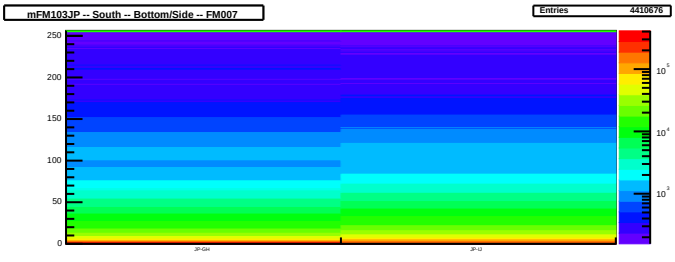
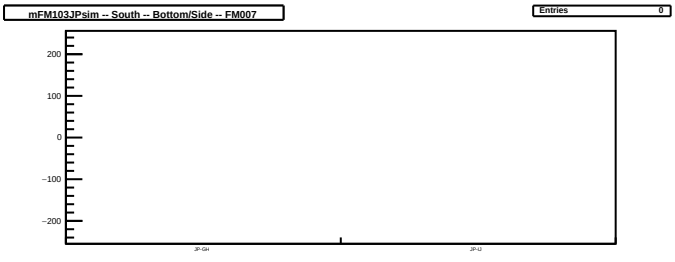
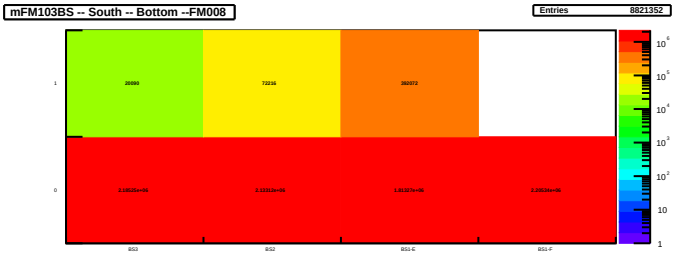
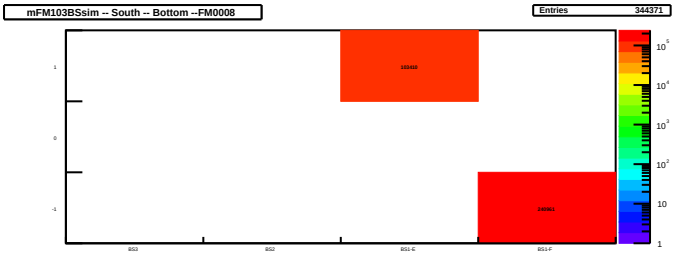
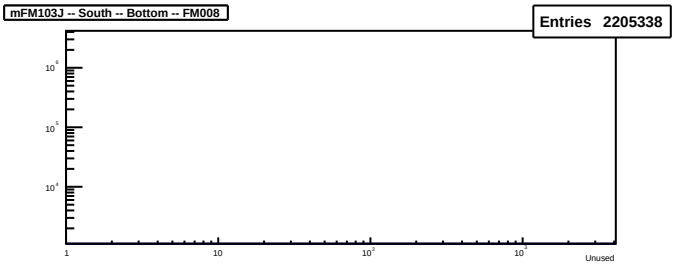
Entries 0
J(23)

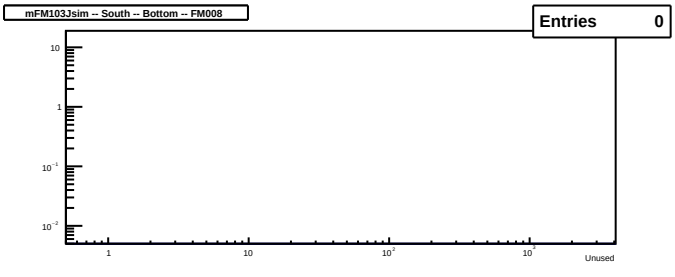

mFM103JP -- South -- Bottom/Side -- FM007
Entries 4410676
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 8821352
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 344371
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 2205338
Unused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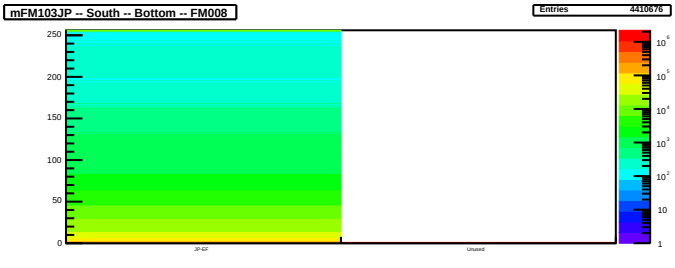
Unused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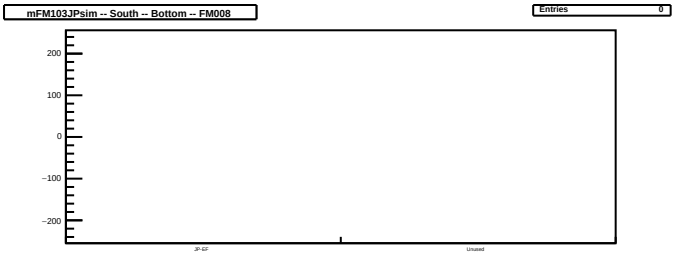
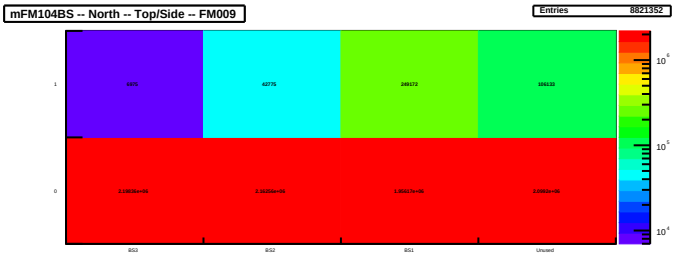
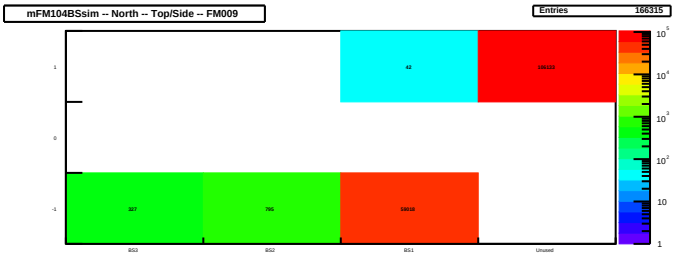
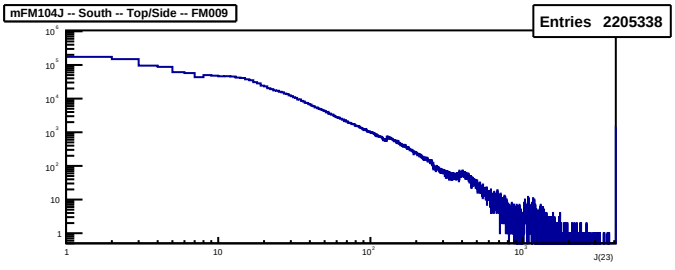
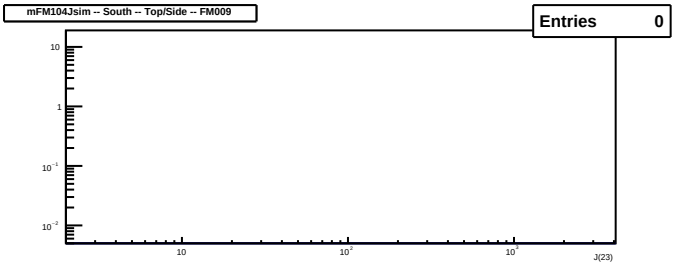
Entries 4410676
JP-EF
Unused

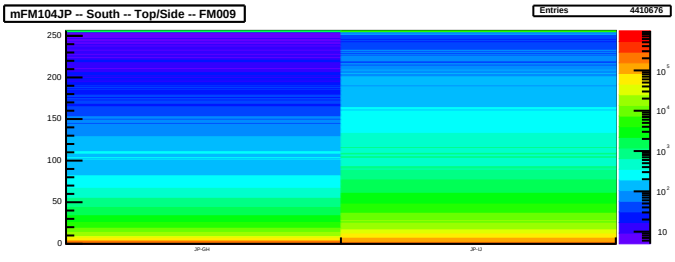

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

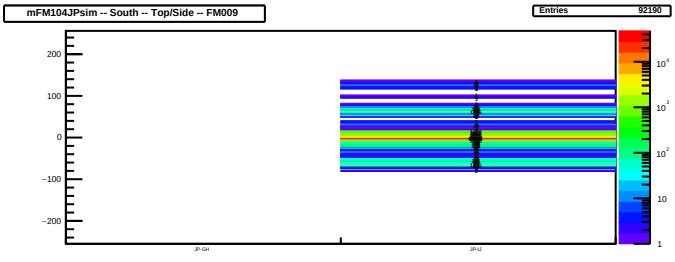

mFM104BS -- North -- Top/Side -- FM009
Entries 8821352

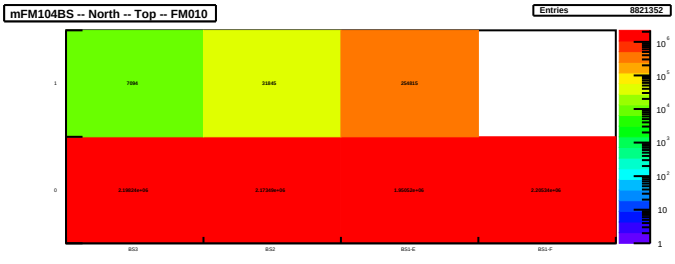

mFM104BSsim -- North -- Top/Side -- FM009
Entries 166315

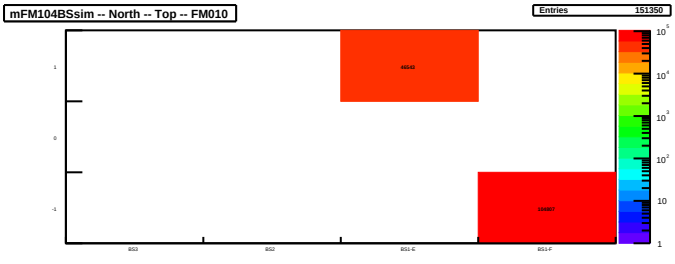

mFM104J -- South -- Top/Side -- FM009
Entries 2205338
J(23)

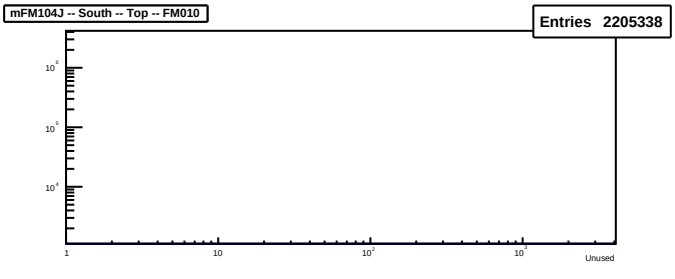

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

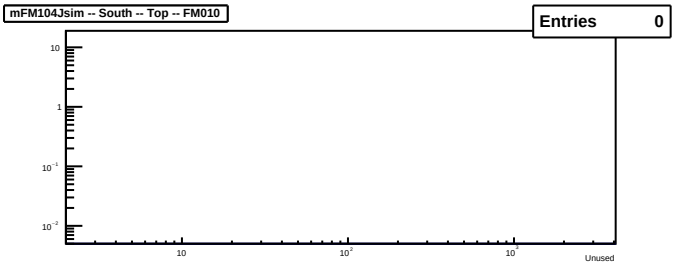

mFM104JP -- South -- Top/Side -- FM009
Entries 4410676

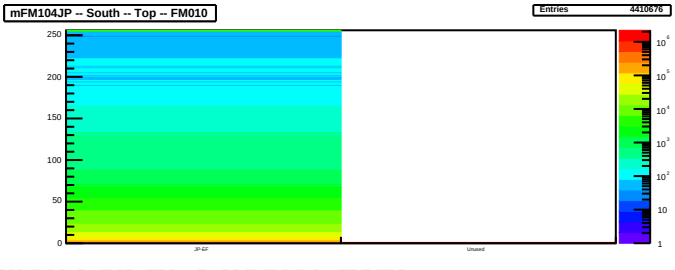

mFM104JPsim -- South -- Top/Side -- FM009
Entries 92190

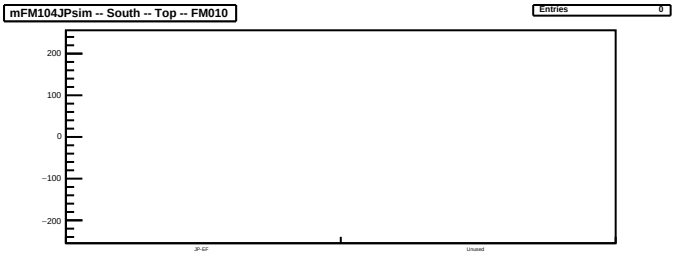

mFM104BS -- North -- Top -- FM010
Entries 8821352

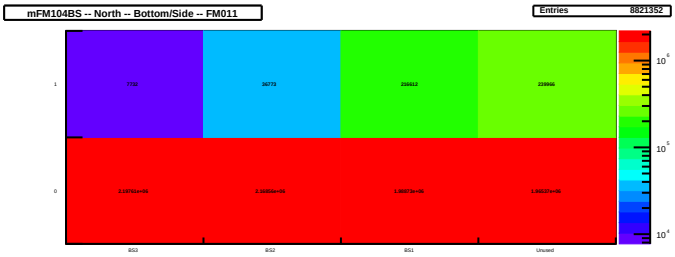

mFM104BSsim -- North -- Top -- FM010
Entries 151350

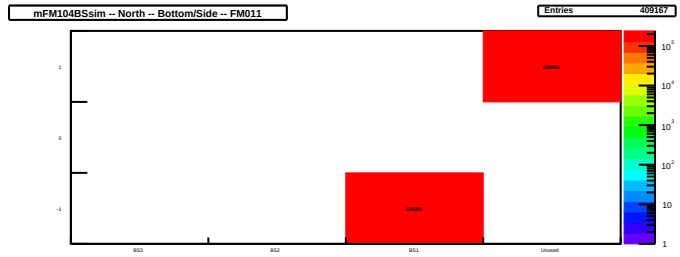

mFM104J -- South -- Top -- FM010
Entries 2205338
Unused

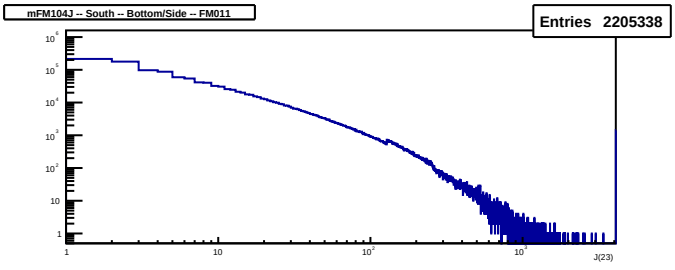

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

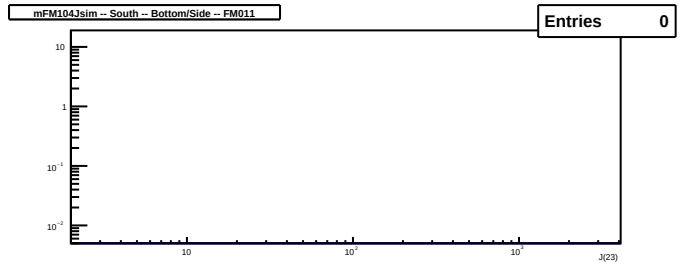

mFM104JP -- South -- Top -- FM010
Entries 4410676

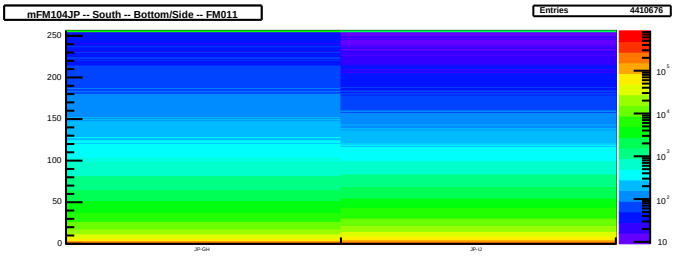

mFM104JPsim -- South -- Top -- FM010
Entries 0

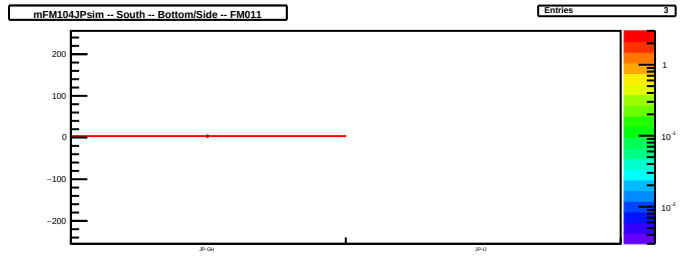

mFM104BS -- North -- Bottom/Side -- FM011
Entries 8821352

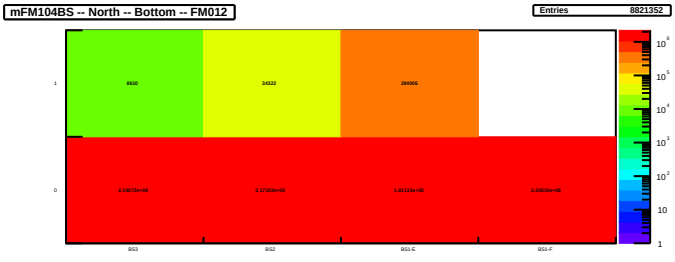

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 409167

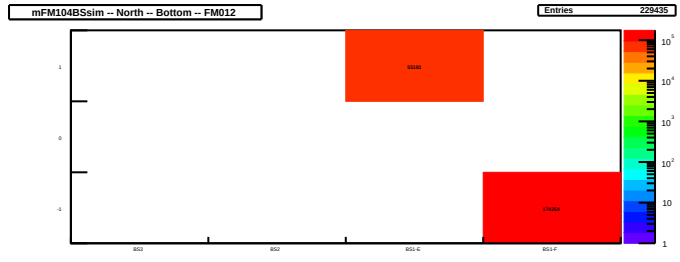

mFM104J -- South -- Bottom/Side -- FM011
Entries 2205338
J(23)

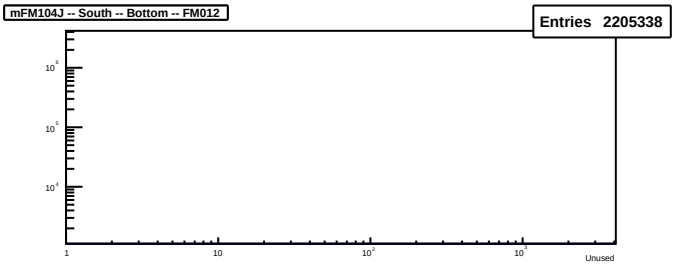

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

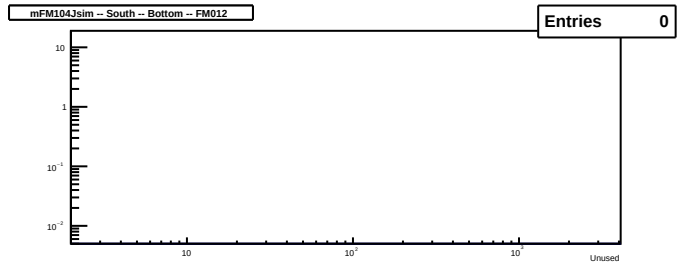

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4410676

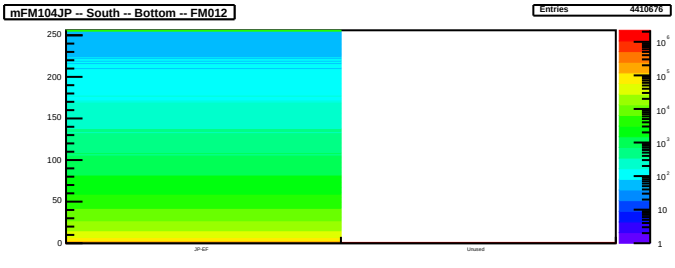

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3

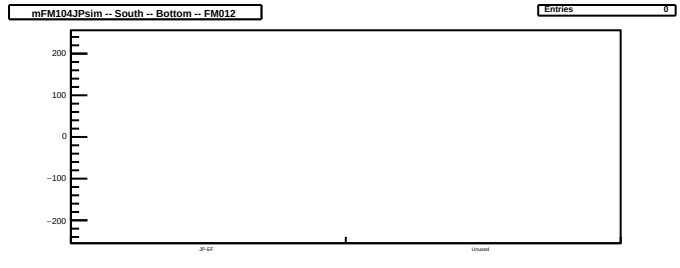

mFM104BS -- North -- Bottom -- FM012
Entries 8821352

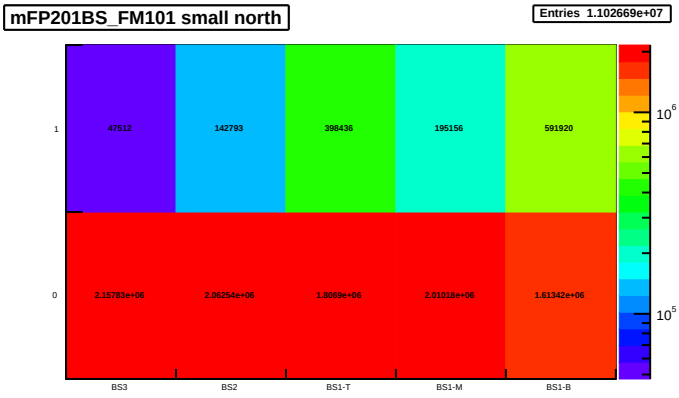

mFM104BSsim -- North -- Bottom -- FM012
Entries 229435

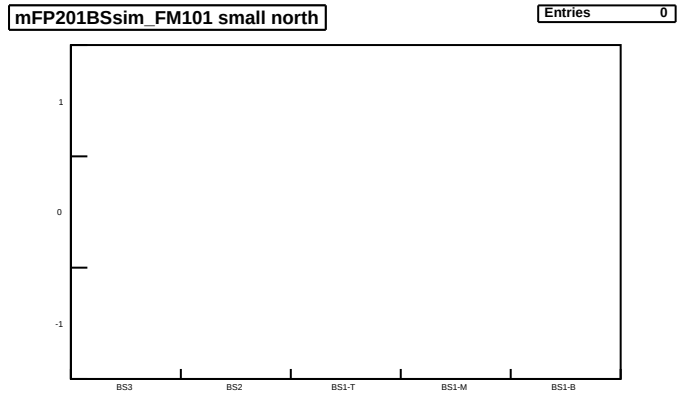

mFM104J -- South -- Bottom -- FM012
Entries 2205338
Unused

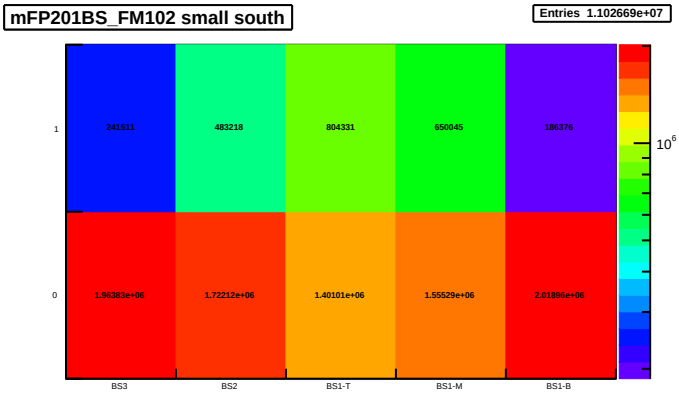

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

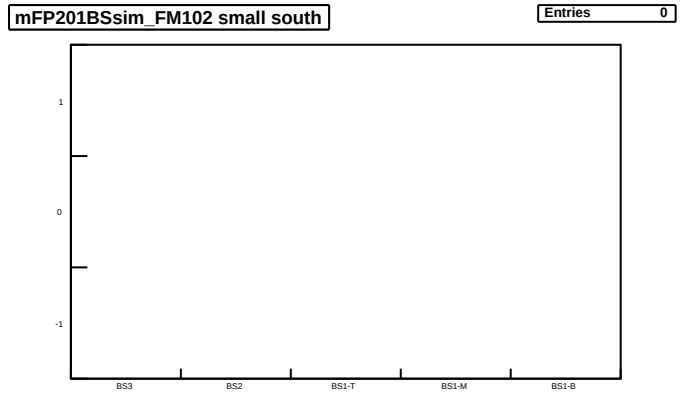

mFM104JP -- South -- Bottom -- FM012
Entries 4410676

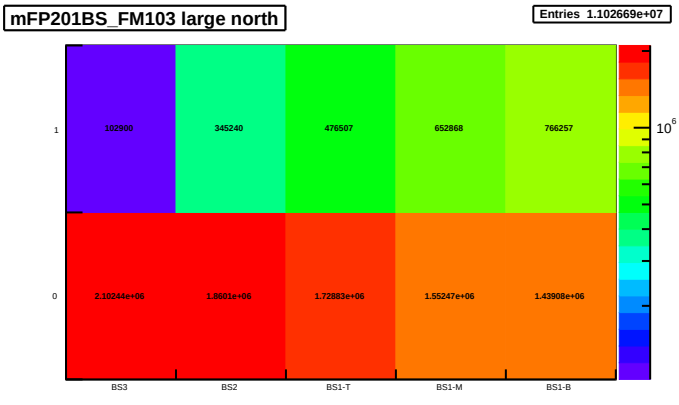

mFM104JPsim -- South -- Bottom -- FM012
Entries 0

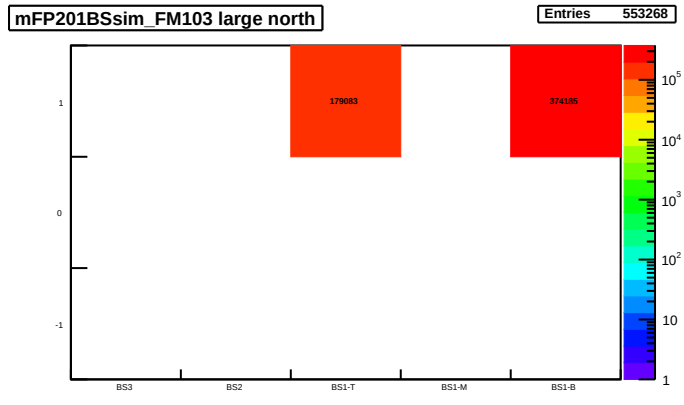

mFP201BS_FM101 small north
Entries 1.102669e+07
47512
142793
398436
195156
591920
2.15783e+06
2.06254e+06
1.8069e+06
2.01018e+06
1.61342e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

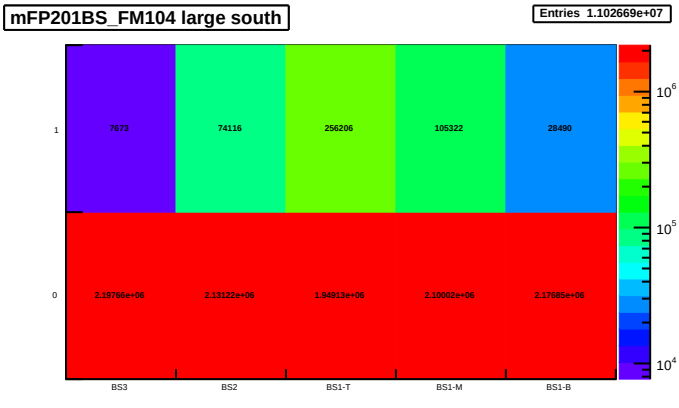

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

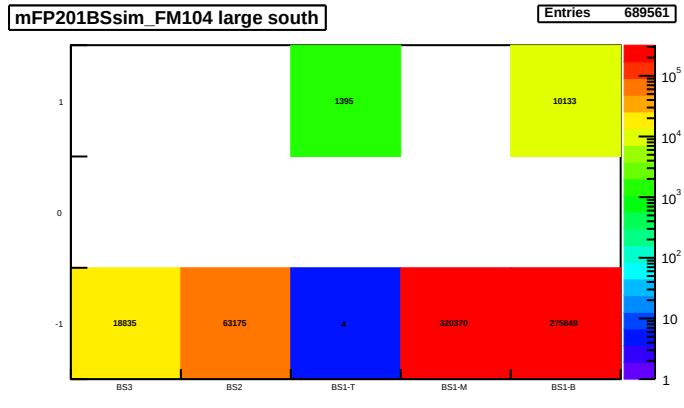

mFP201BS_FM102 small south
Entries 1.102669e+07
241511
483218
804331
650045
186376
1.96383e+06
1.72212e+06
1.40101e+06
1.55529e+06
2.01896e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

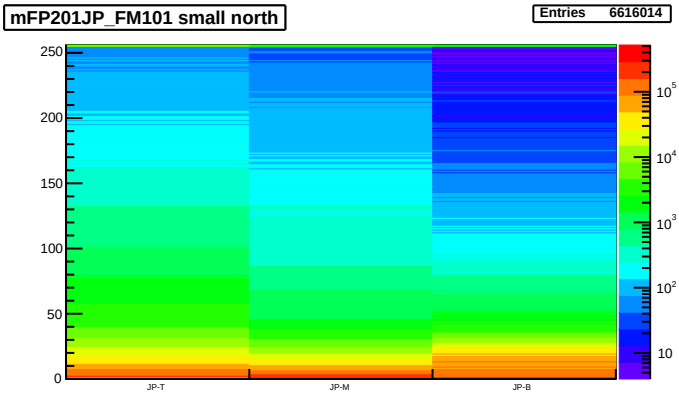

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

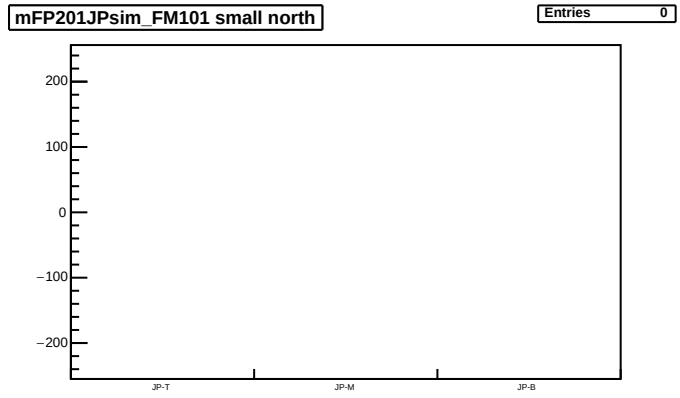

mFP201BS_FM103 large north
Entries 1.102669e+07
102900
345240
476507
652868
766257
2.10244e+06
1.8601e+06
1.72883e+06
1.55247e+06
1.43908e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

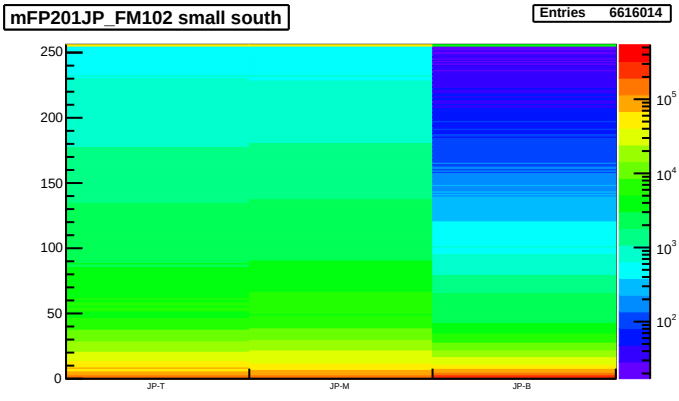

mFP201BSsim_FM103 large north
Entries 553268
179083
374185
BS3
BS2
BS1-T
BS1-M
BS1-B

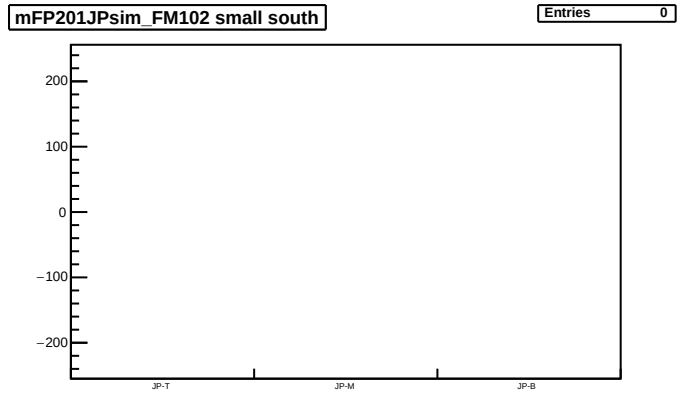

mFP201BS_FM104 large south
Entries 1.102669e+07
7673
74116
256206
105322
28490
2.19766e+06
2.13122e+06
1.94913e+06
2.10002e+06
2.17685e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

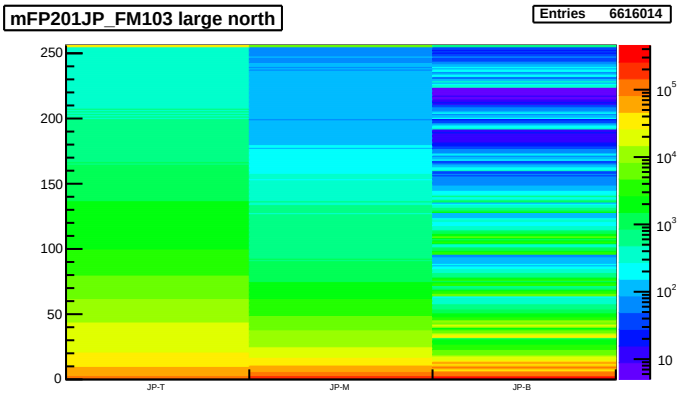

mFP201BSsim_FM104 large south
Entries 689561
1395
10133
18835
63175
4
320370
275649
BS3
BS2
BS1-T
BS1-M
BS1-B

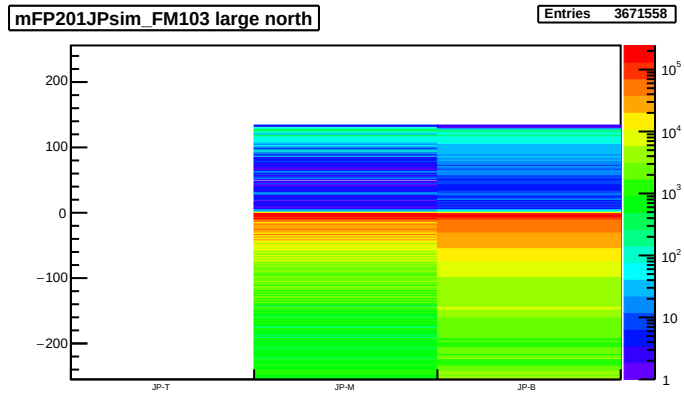

mFP201JP_FM101 small north
Entries 6616014
JP-T
JP-M
JP-B

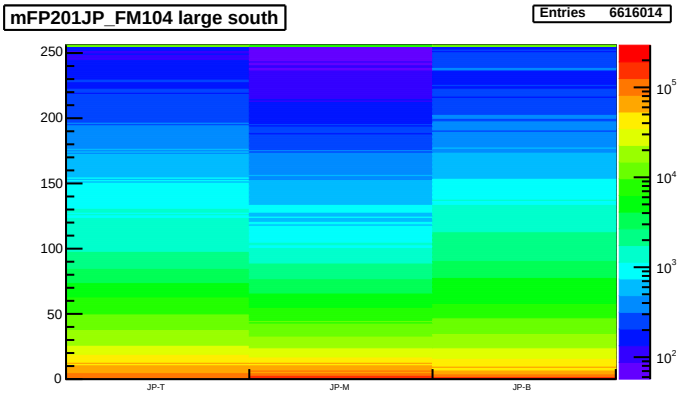

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

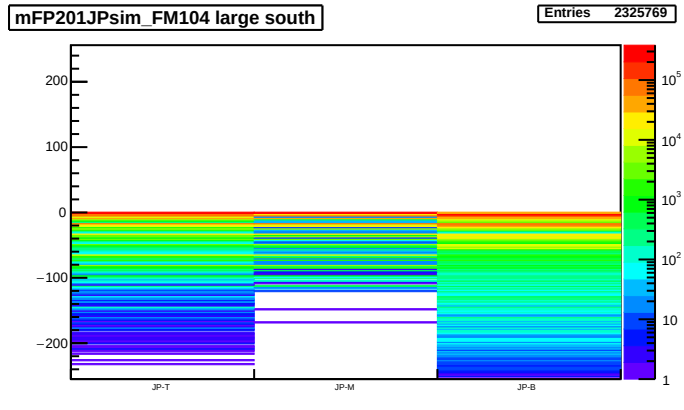

mFP201JP_FM102 small south
Entries 6616014
JP-T
JP-M
JP-B

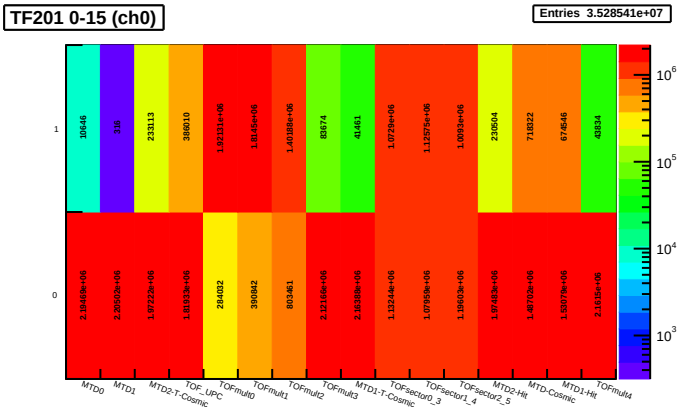

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

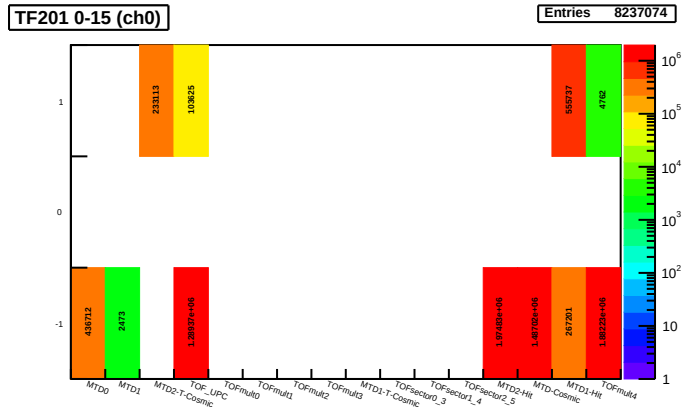

mFP201JP_FM103 large north
Entries 6616014
JP-T
JP-M
JP-B

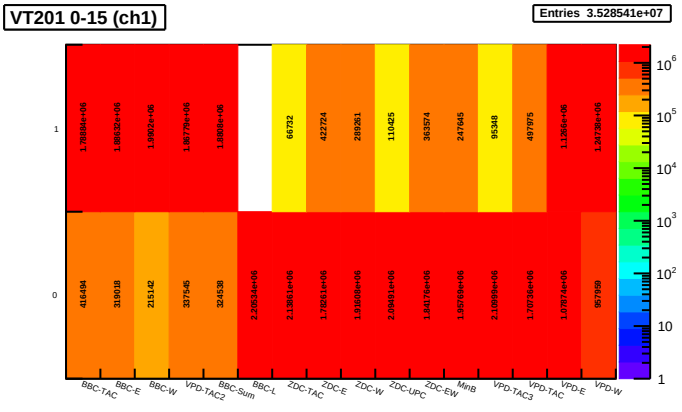

mFP201JPsim_FM103 large north
Entries 3671558
JP-T
JP-M
JP-B

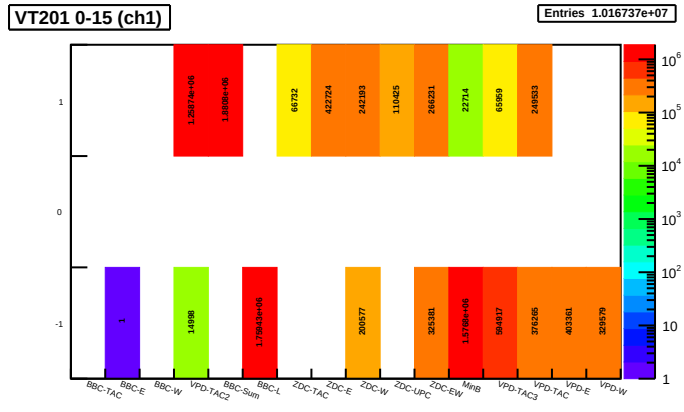

mFP201JP_FM104 large south
Entries 6616014
JP-T
JP-M
JP-B

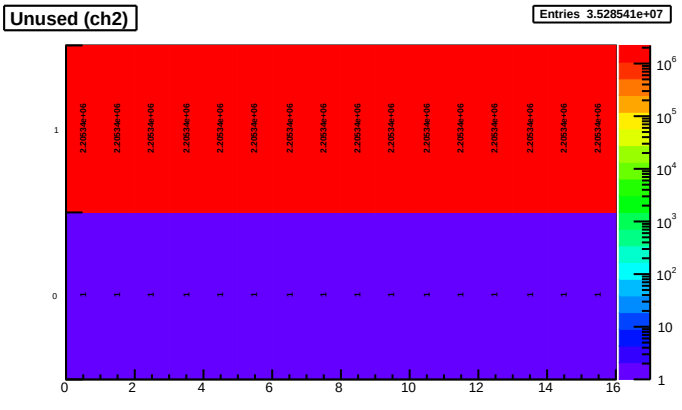

mFP201JPsim_FM104 large south
Entries 2325769
JP-T
JP-M
JP-B

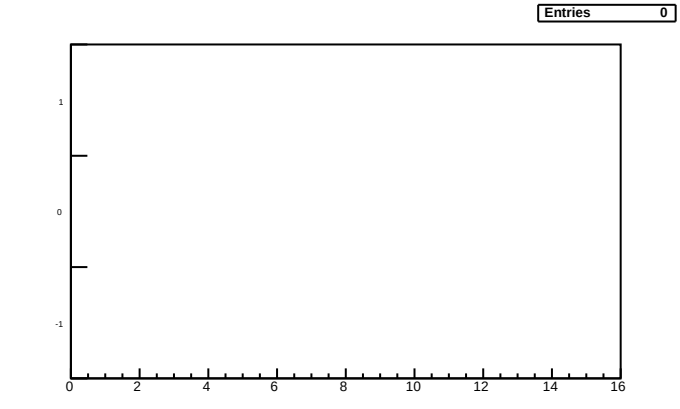

TF201 0-15 (ch0)
Entries 3.528541e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

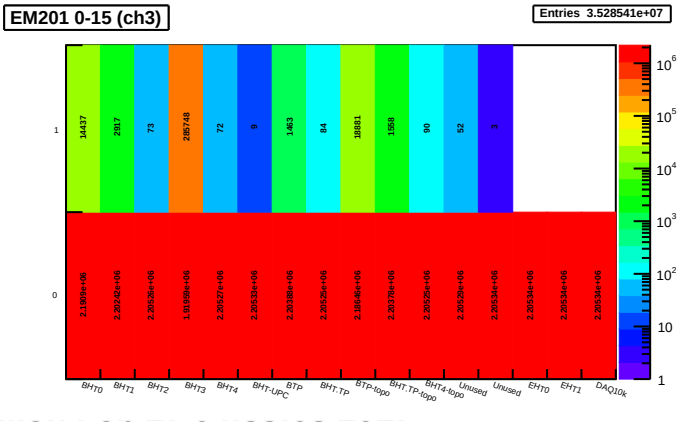

TF201 0-15 (ch0)
Entries 8237074
MTD0
MTD1
MTD2-T-Cosmic
TOF-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

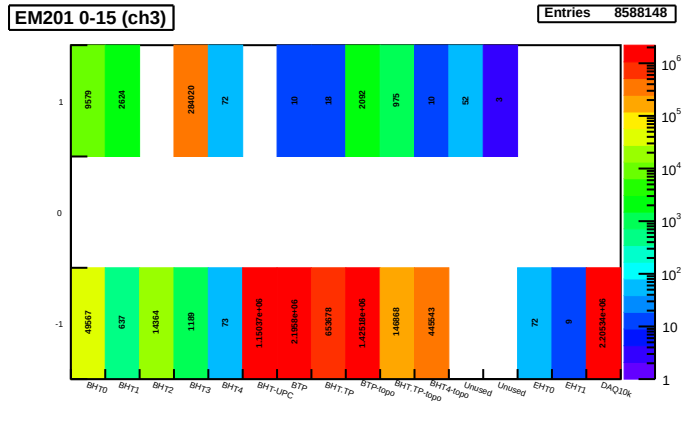

VT201 0-15 (ch1)
Entries 3.528541e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

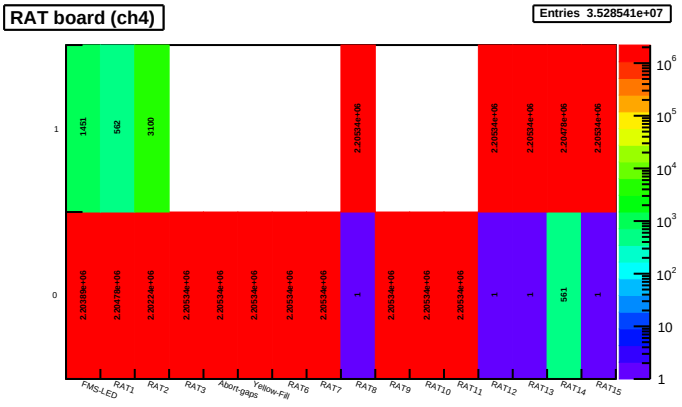

VT201 0-15 (ch1)
Entries 1.016737e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

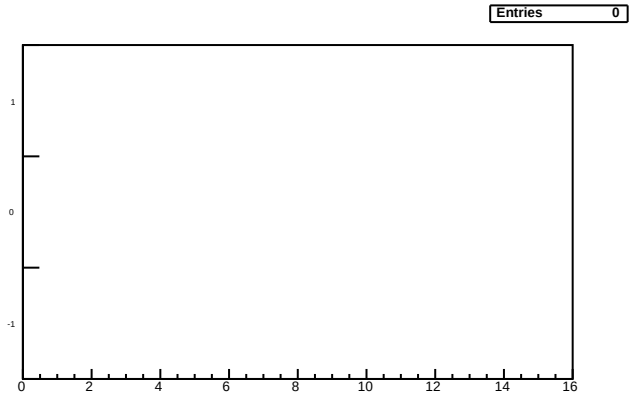

Unused (ch2)
Entries 3.528541e+07

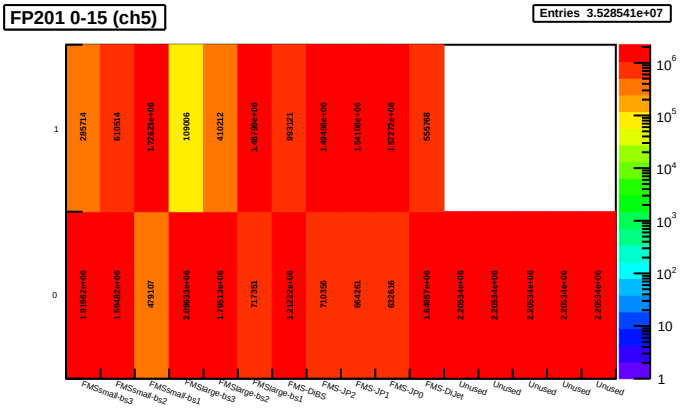

Entries 0

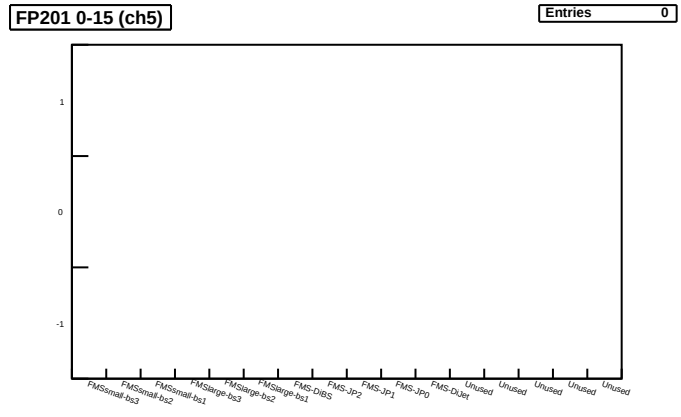

EM201 0-15 (ch3)
Entries 3.528541e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT.TP
BTP-topo
BHT.TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

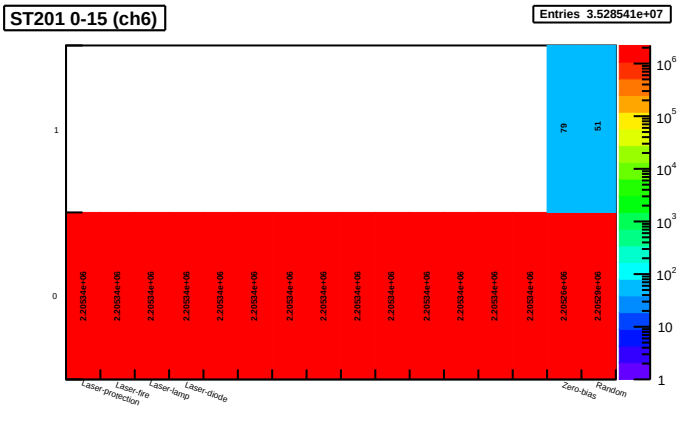

EM201 0-15 (ch3)
Entries 8588148
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT.TP
BTP-topo
BHT.TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

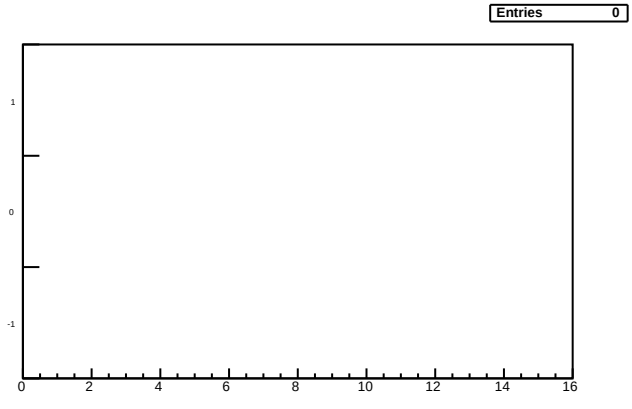

RAT board (ch4)
Entries 3.528541e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

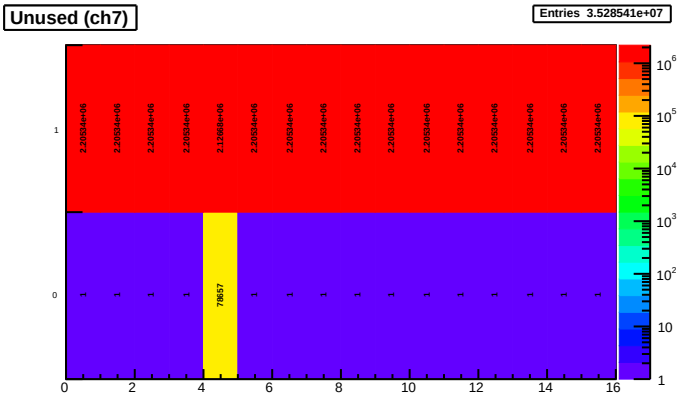

Entries 0

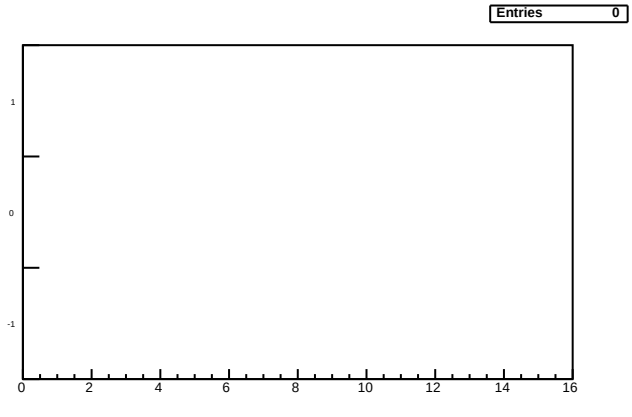

FP201 0-15 (ch5)
Entries 3.528541e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 3.528541e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 3.528541e+07


Entries 0