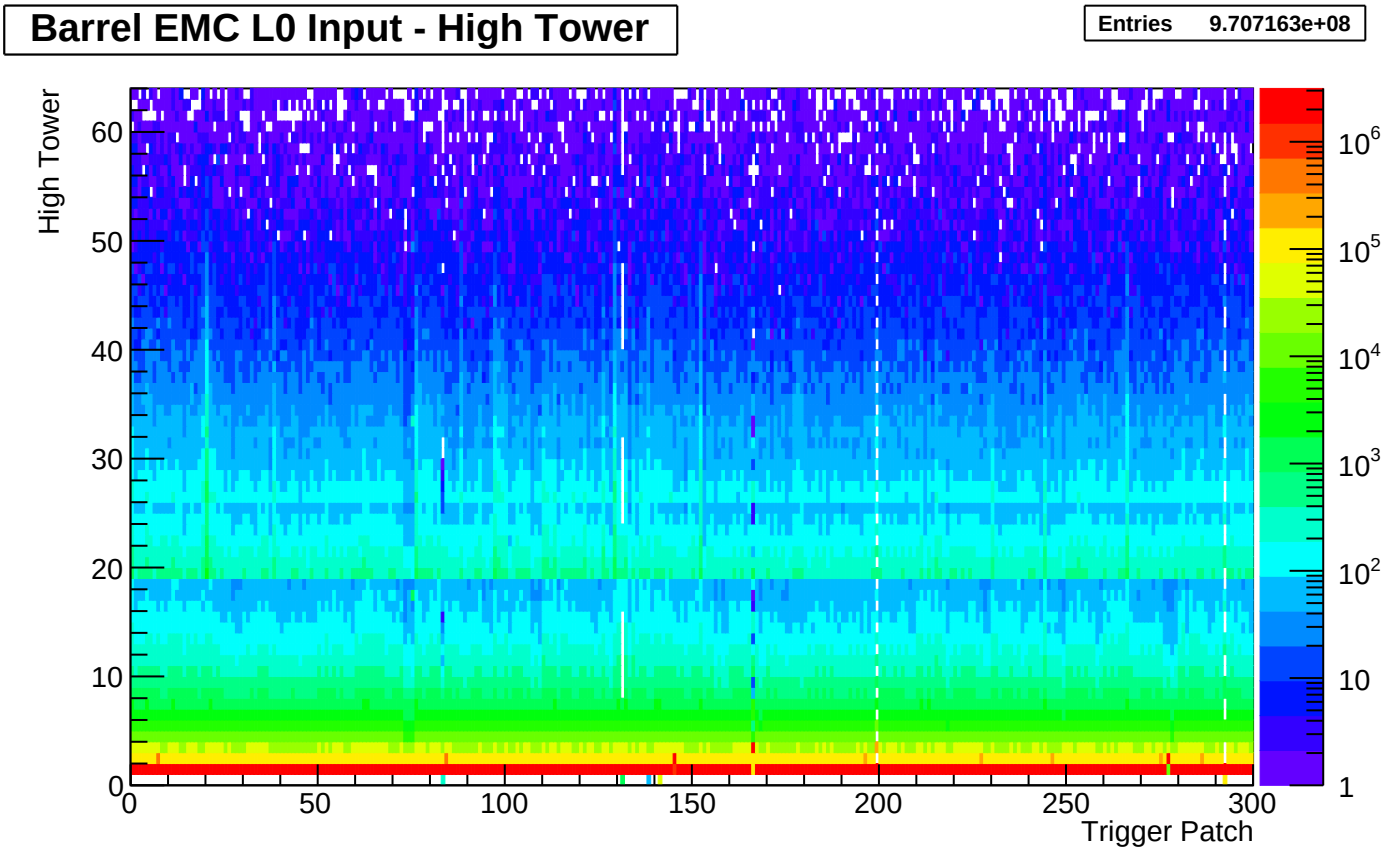
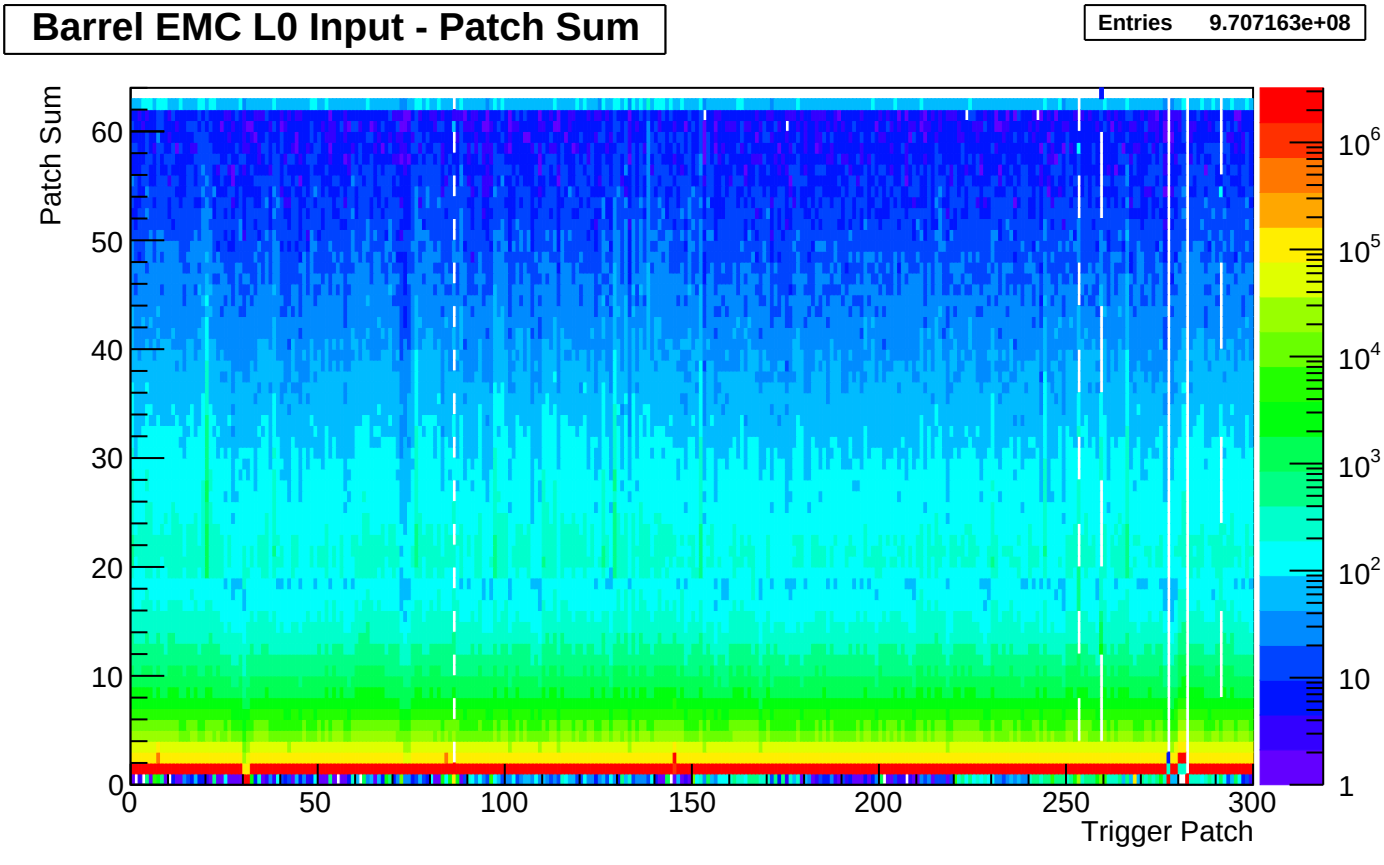
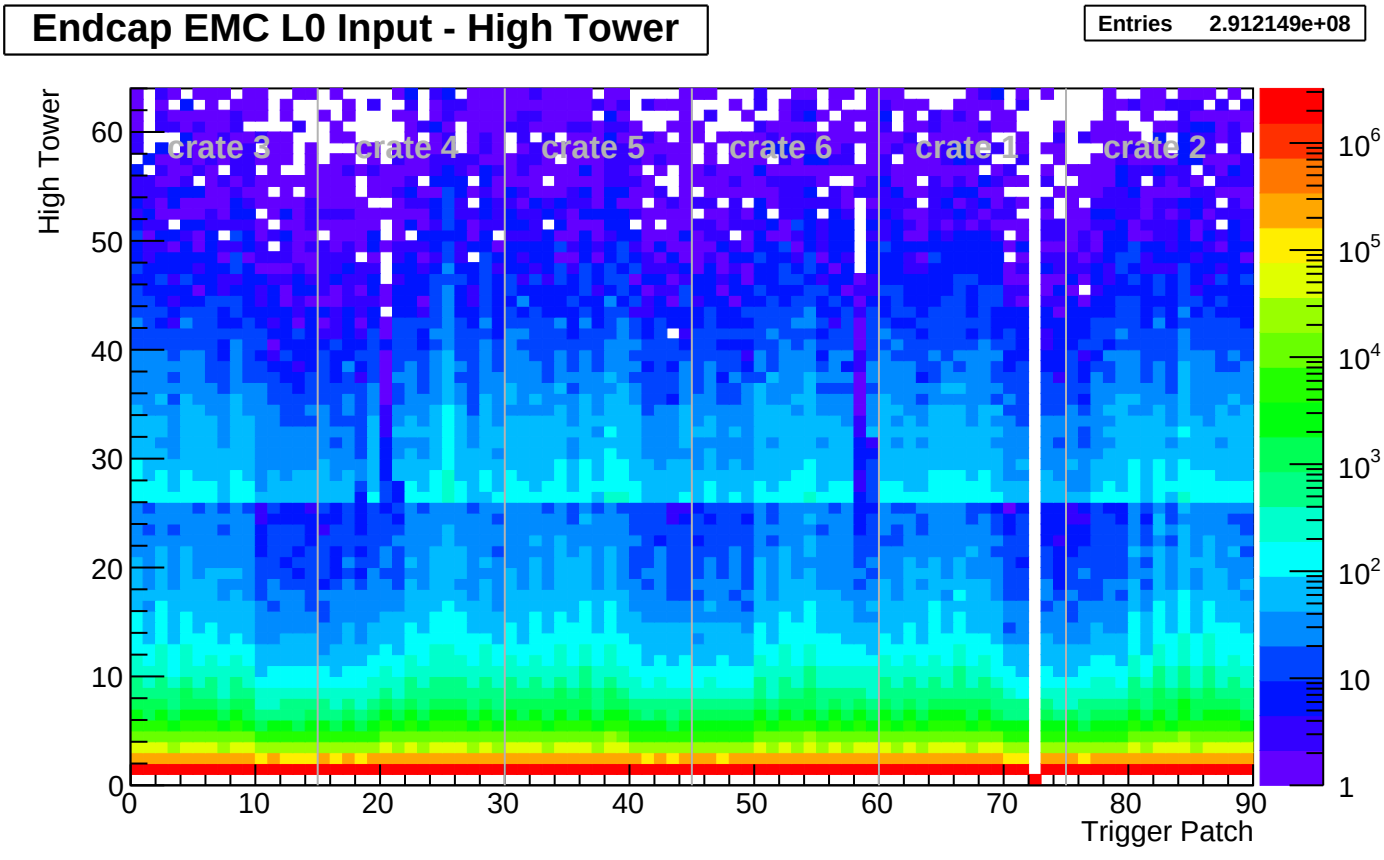
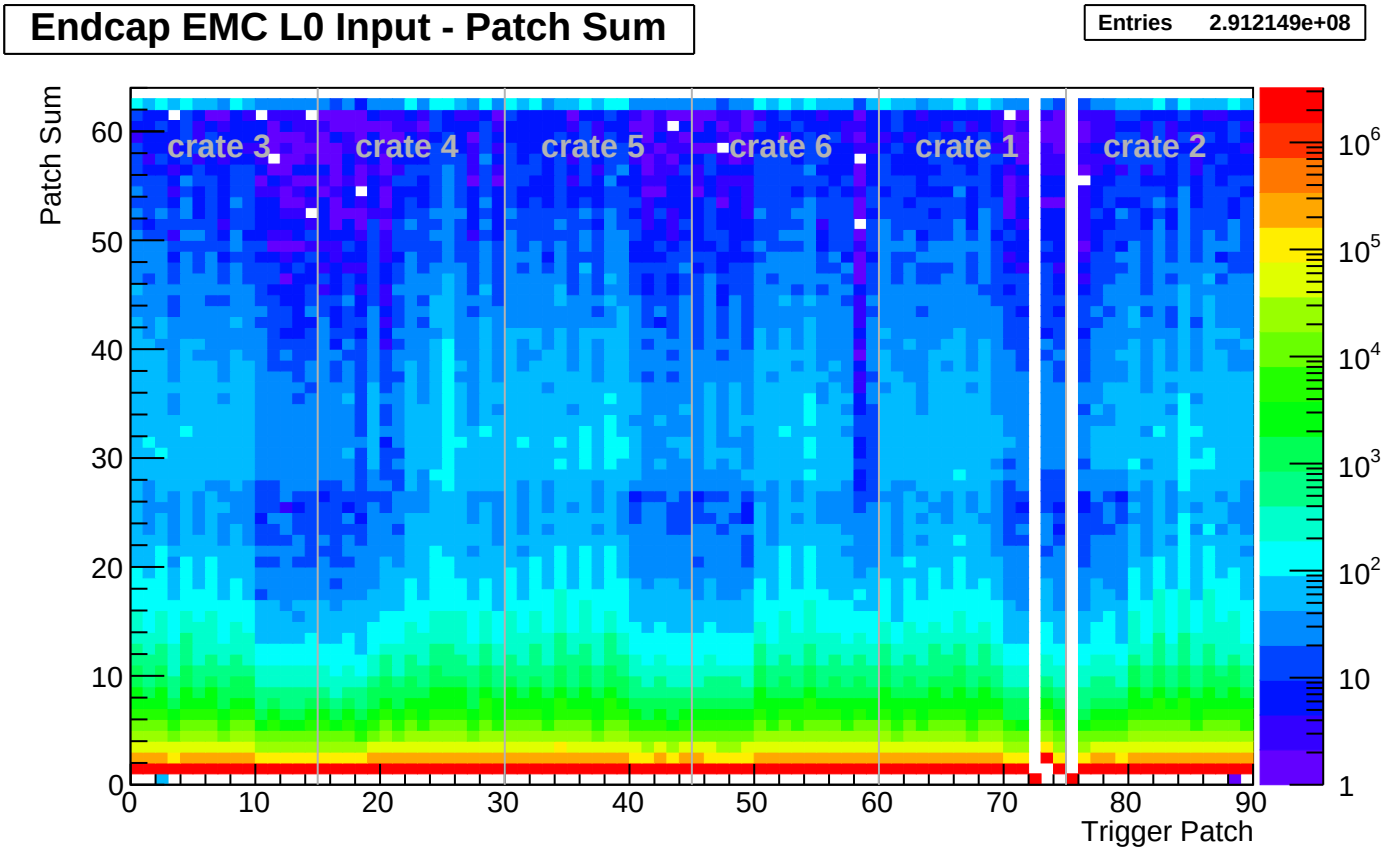
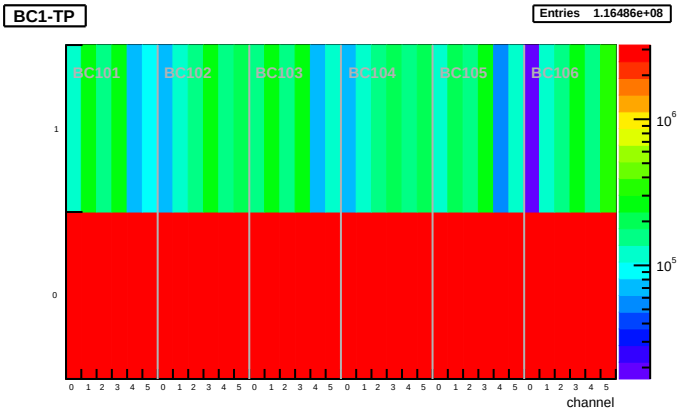
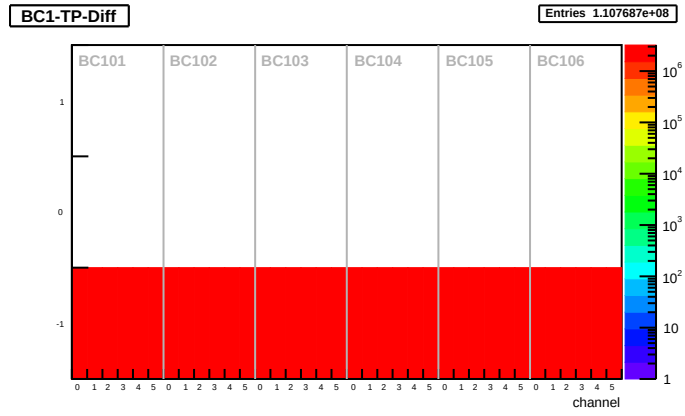

Barrel EMC L0 Input - High Tower
Entries 9.707163e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

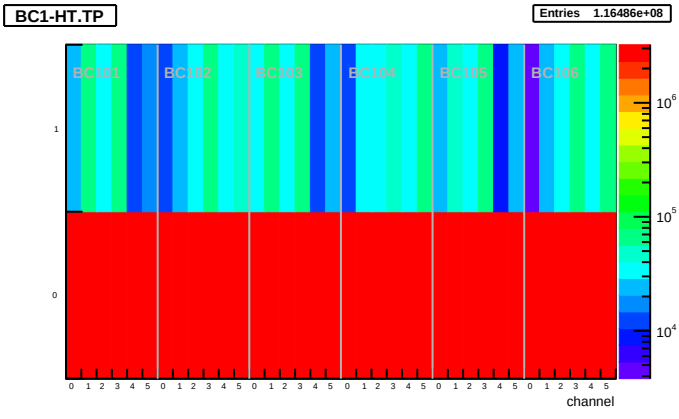

Barrel EMC L0 Input - Patch Sum
Entries 9.707163e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

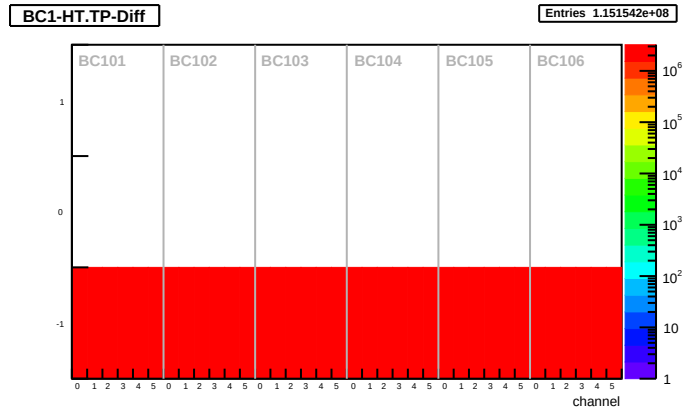

Endcap EMC L0 Input - High Tower
Entries 2.912149e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

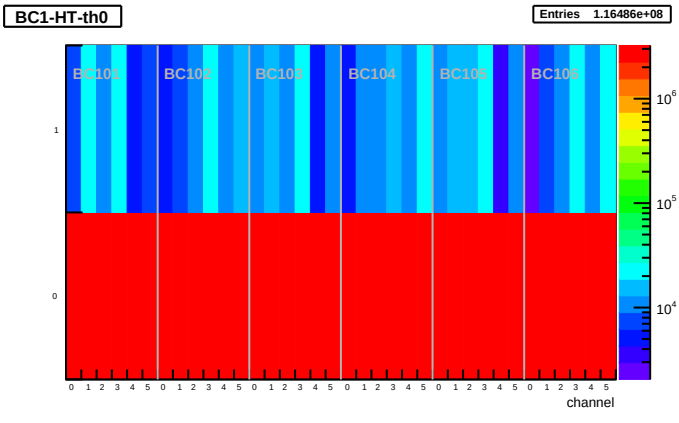

Endcap EMC L0 Input - Patch Sum
Entries 2.912149e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

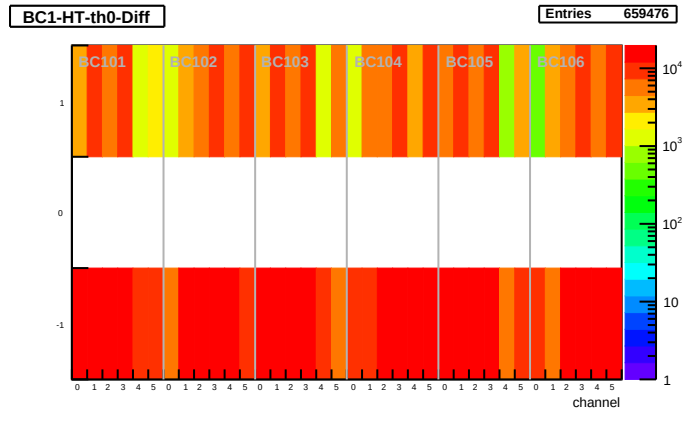

BC1-TP
Entries 1.16486e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

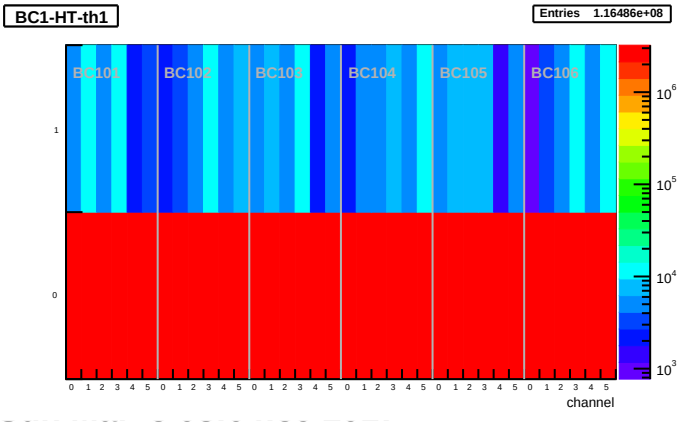

BC1-TP-Diff
Entries 1.107687e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

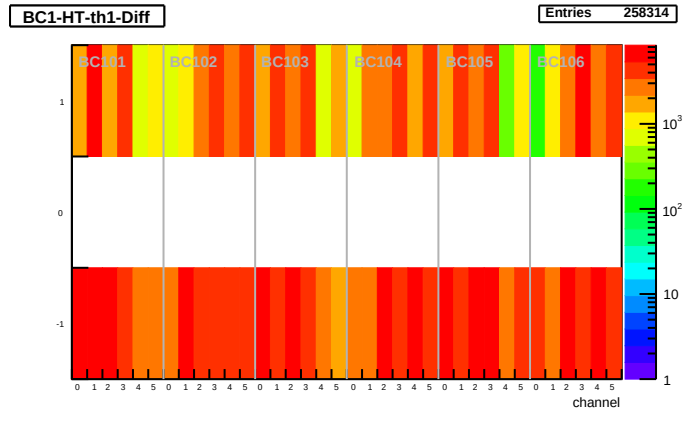

BC1-HT.TP
Entries 1.16486e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

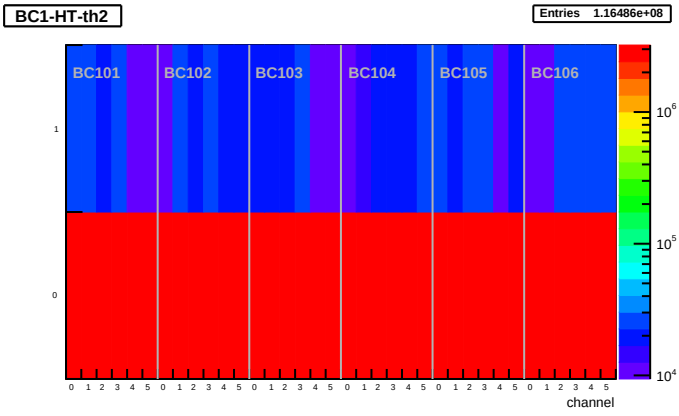

BC1-HT.TP-Diff
Entries 1.151542e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

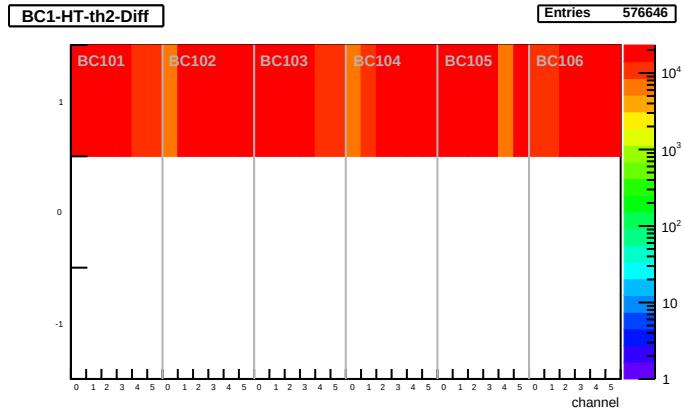

BC1-HT-th0
Entries 1.16486e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

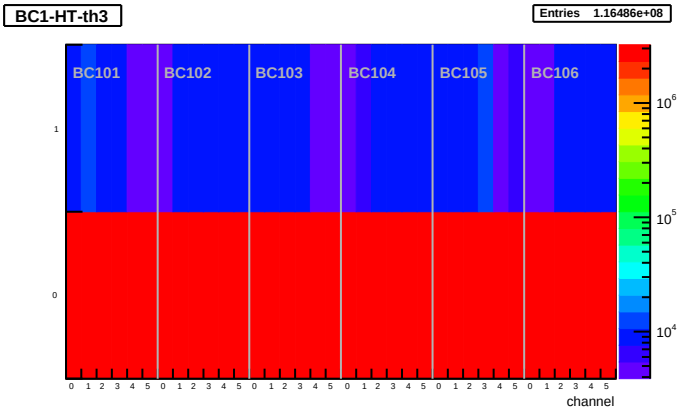

BC1-HT-th0-Diff
Entries 659476
BC101
BC102
BC103
BC104
BC105
BC106
channel

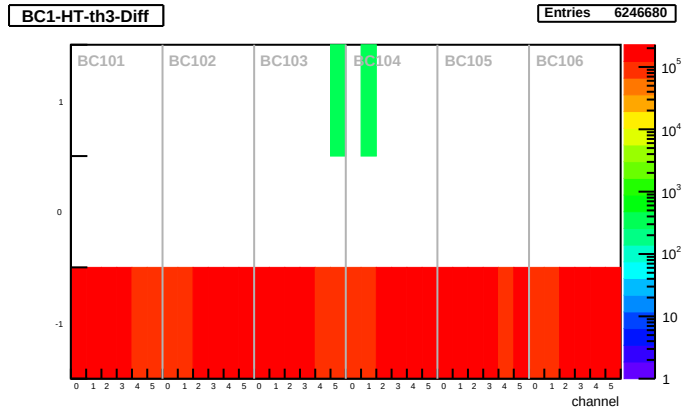

BC1-HT-th1
Entries 1.16486e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

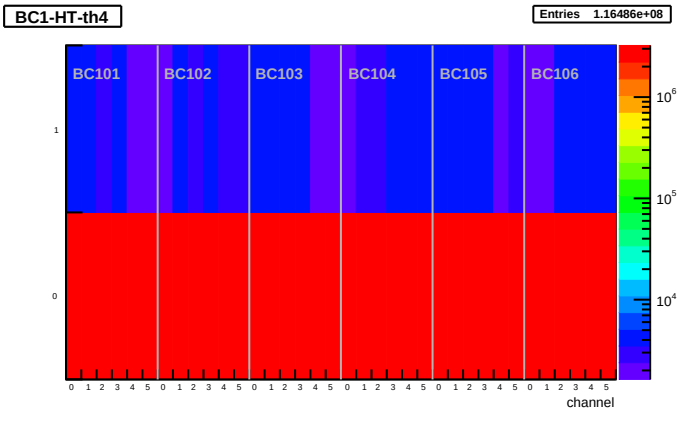

BC1-HT-th1-Diff
Entries 258314
BC101
BC102
BC103
BC104
BC105
BC106
channel

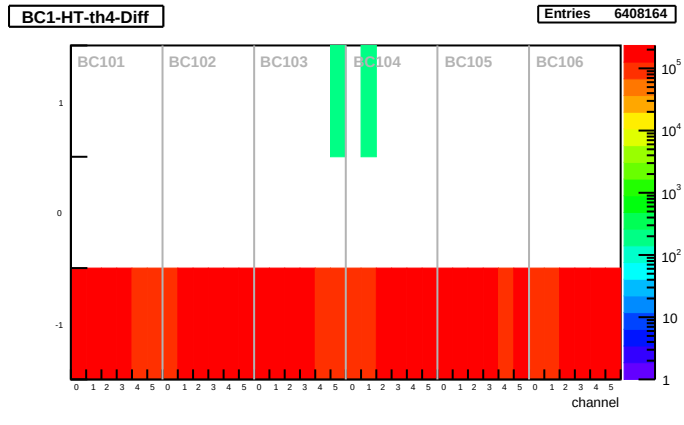

BC1-HT-th2
Entries 1.16486e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

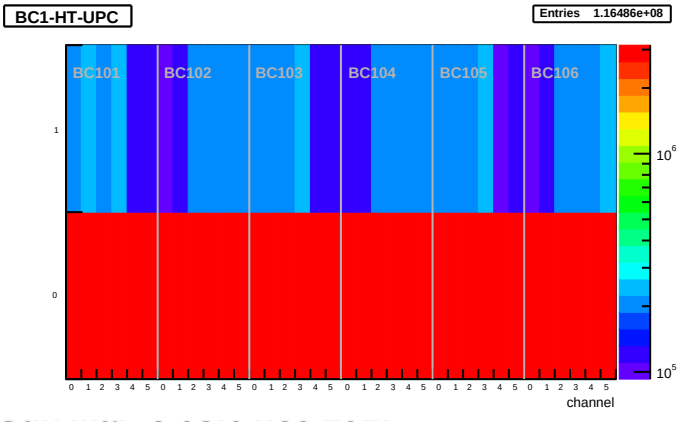

BC1-HT-th2-Diff
Entries 576646
BC101
BC102
BC103
BC104
BC105
BC106
channel

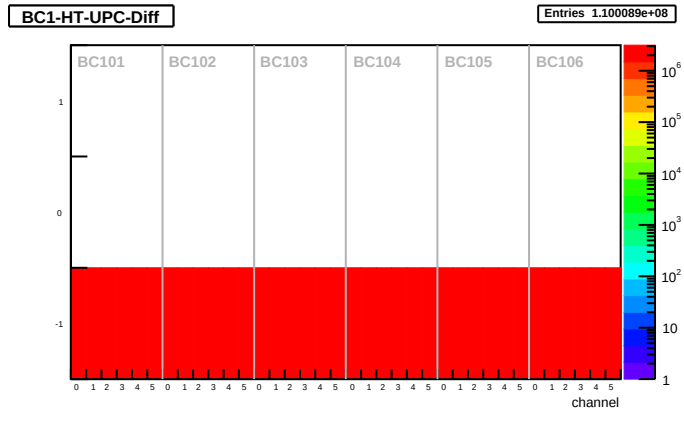

BC1-HT-th3
Entries 1.16486e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

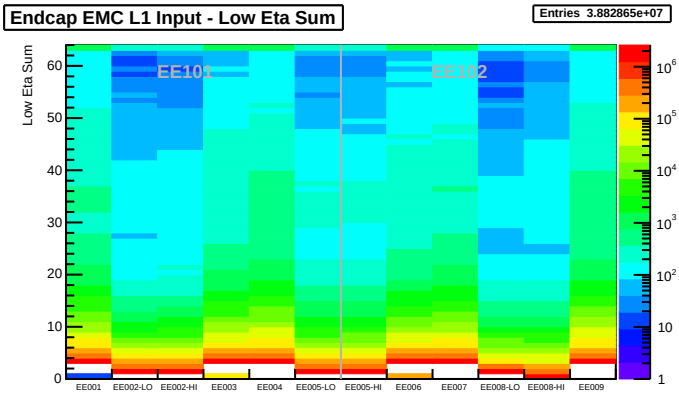

BC1-HT-th3-Diff
Entries 6246680
BC101
BC102
BC103
BC104
BC105
BC106
channel

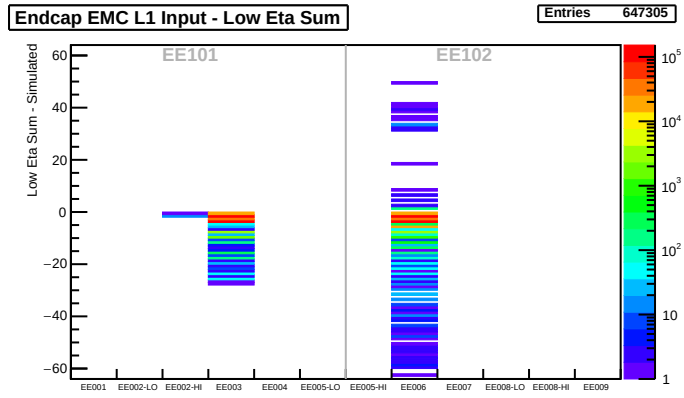

BC1-HT-th4
Entries 1.16486e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

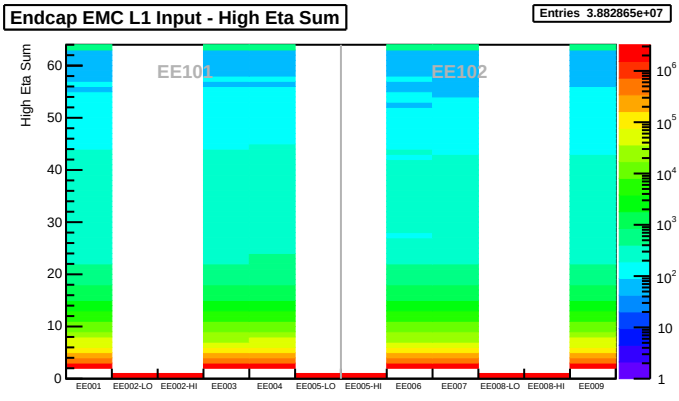

BC1-HT-th4-Diff
Entries 6408164
BC101
BC102
BC103
BC104
BC105
BC106
channel

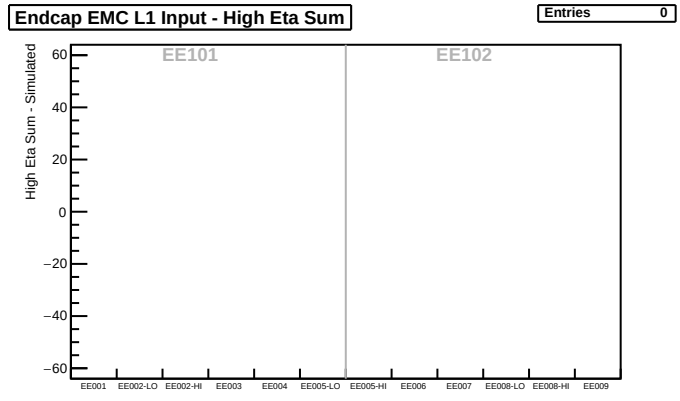

BC1-HT-UPC
Entries 1.16486e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

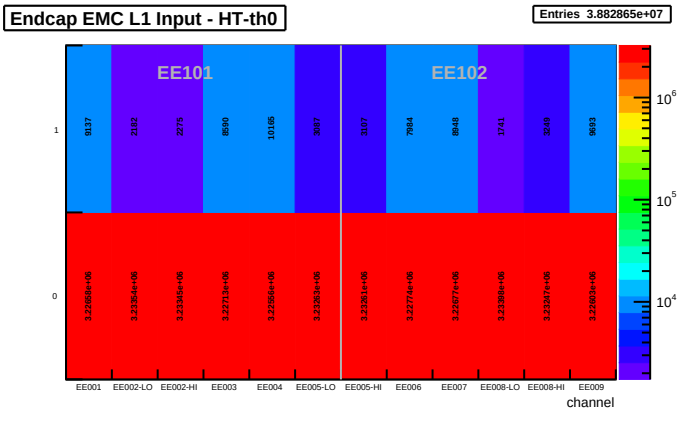

BC1-HT-UPC-Diff
Entries 1.100089e+08
BC101
BC102
BC103
BC104
BC105
BC106
channel

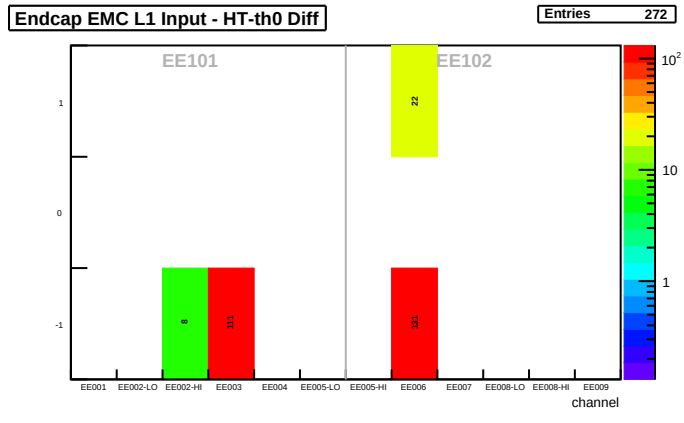

Endcap EMC L1 Input - Low Eta Sum
Entries 3.882865e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

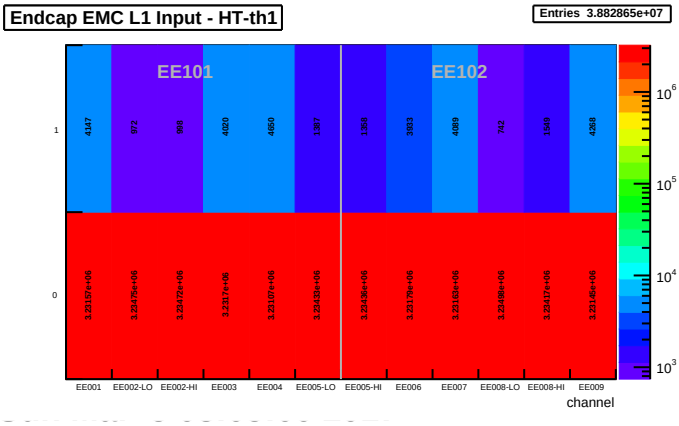

Endcap EMC L1 Input - Low Eta Sum
Entries 647305
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

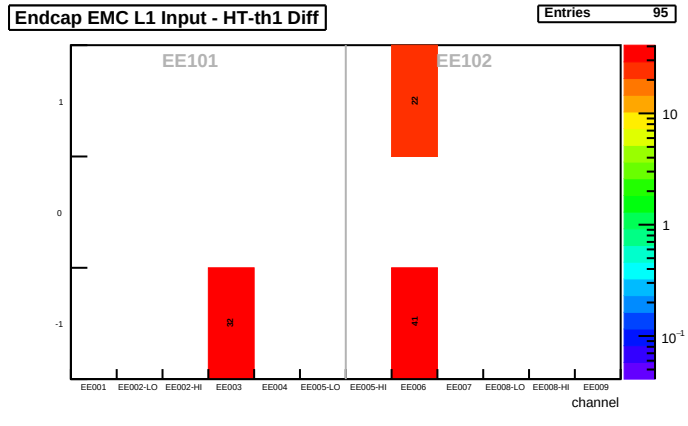

Endcap EMC L1 Input - High Eta Sum
Entries 3.882865e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

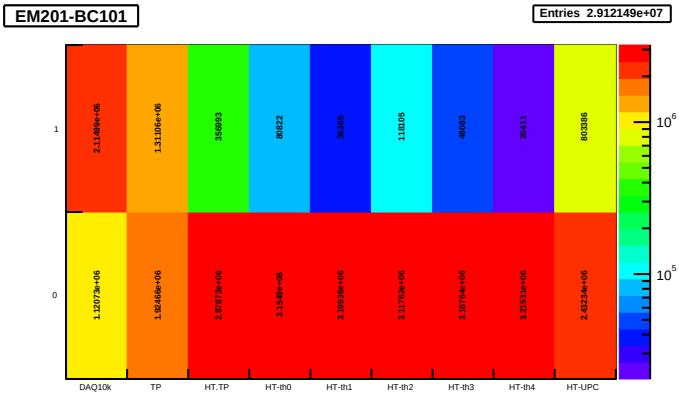

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

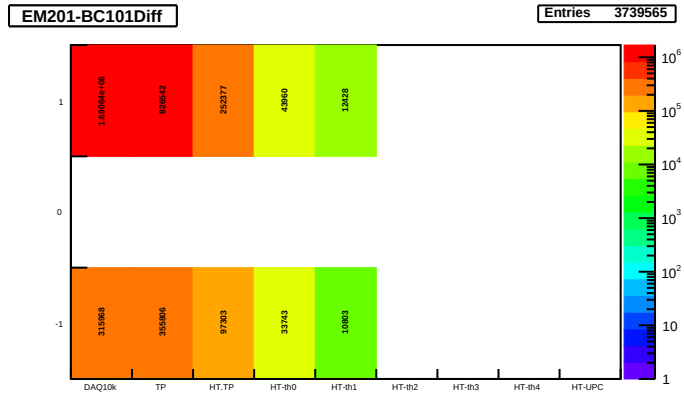

Endcap EMC L1 Input - HT-th0
Entries 3.882865e+07
EE101
EE102
9137 2182 2275 8590 10165 3697 3107 7984 8948 1741 3249 9693
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

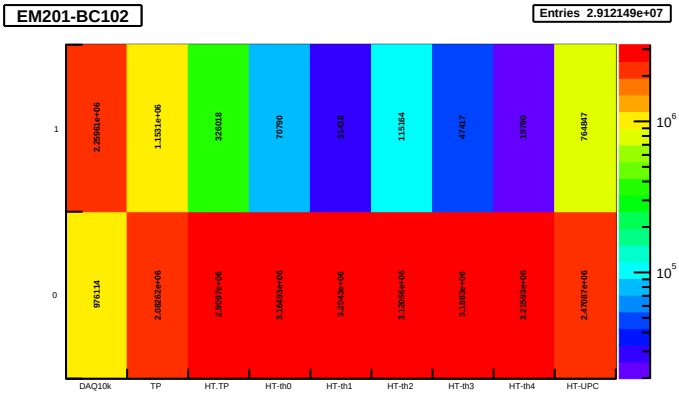

Endcap EMC L1 Input - HT-th0 Diff
Entries 272
EE101
EE102
22
8 111 131
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

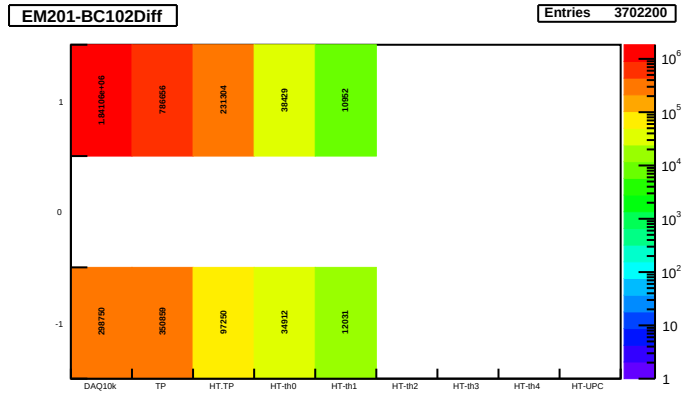

Endcap EMC L1 Input - HT-th1
Entries 3.882865e+07
EE101
EE102
4147 972 993 4020 4650 1387 1336 3993 4089 742 1549 4258
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

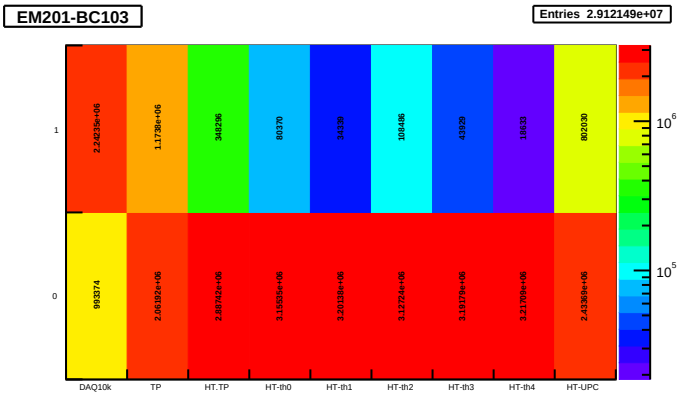

Endcap EMC L1 Input - HT-th1 Diff
Entries 95
EE101
EE102
22
32 41
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

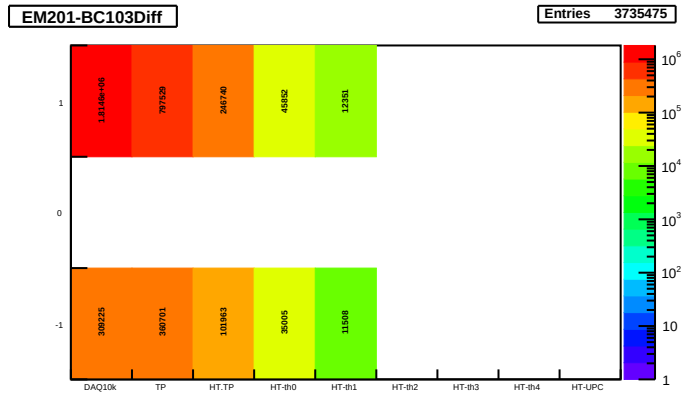

EM201-BC101
Entries 2.912149e+07
1
0
2.11489e+06
1.31106e+06
356893
80822
26355
118105
46083
20411
803386
1.12072e+06
1.92466e+06
2.87073e+06
3.15459e+06
3.19936e+06
3.11762e+06
3.19764e+06
3.21531e+06
2.48234e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5

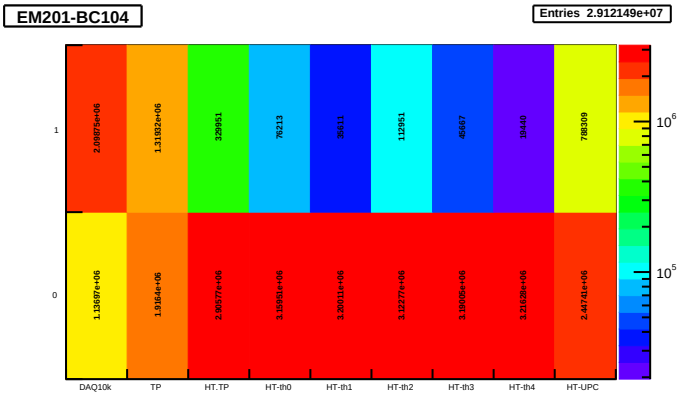

EM201-BC101Diff
Entries 3739565
1
0
-1
1.69664e+06
926542
253277
43960
13428
319568
355806
97303
33743
10803
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

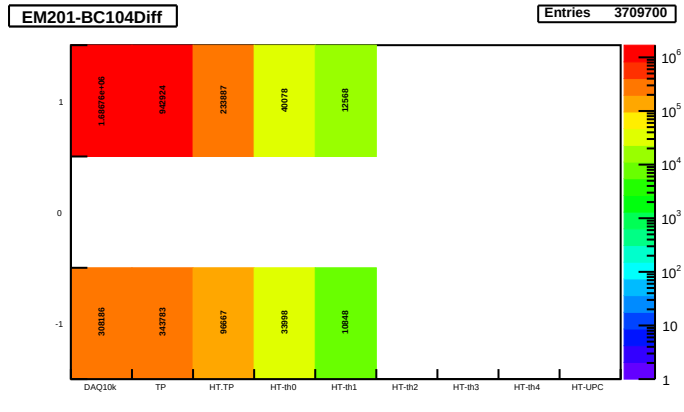

EM201-BC102
Entries 2.912149e+07
1
0
2.25861e+06
1.1531e+06
326018
70790
31418
115164
47417
19790
764867
976114
2.08262e+06
2.90976e+06
3.16493e+06
3.20434e+06
3.12056e+06
3.18836e+06
3.21593e+06
2.47987e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5


EM201-BC102Diff
Entries 3702200
1
0
-1
1.84106e+06
786656
231304
38429
10952
298750
350859
97280
34912
12031
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

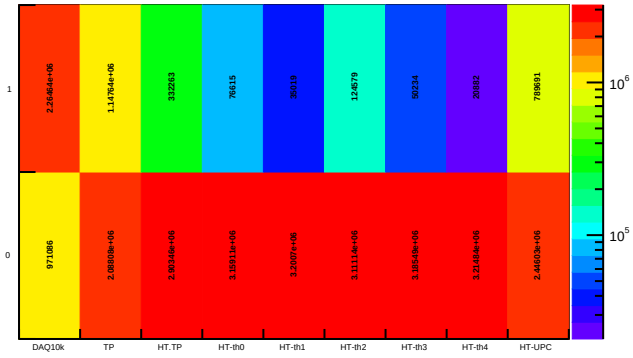

EM201-BC103
Entries 2.912149e+07
1
0
2.24625e+06
1.1738e+06
348236
80370
34339
109486
43929
18533
802030
993374
2.06192e+06
2.88742e+06
3.15535e+06
3.20138e+06
3.12724e+06
3.19179e+06
3.21769e+06
2.43369e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5


EM201-BC103Diff
Entries 3735475
1
0
-1
1.11446e+06
797529
246740
45952
12351
309225
360701
101963
35005
11508
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

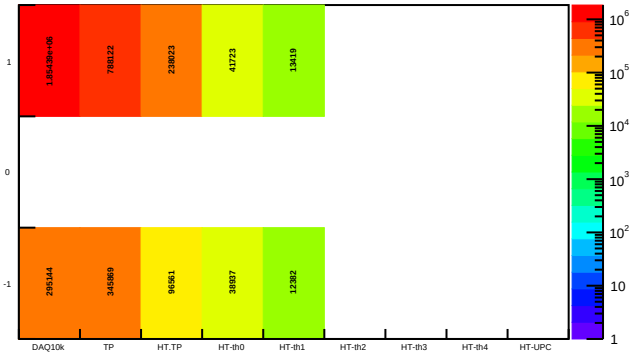

EM201-BC104
Entries 2.912149e+07
1
0
2.09875e+06
1.31832e+06
329951
76213
33511
112951
45667
19440
788309
1.13697e+06
1.91164e+06
2.90577e+06
3.15931e+06
3.20011e+06
3.12277e+06
3.19006e+06
3.21628e+06
2.44741e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5


EM201-BC104Diff
Entries 3709700
1
0
-1
1.68676e+06
942924
232887
40078
12568
308186
343783
96667
33998
10848
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

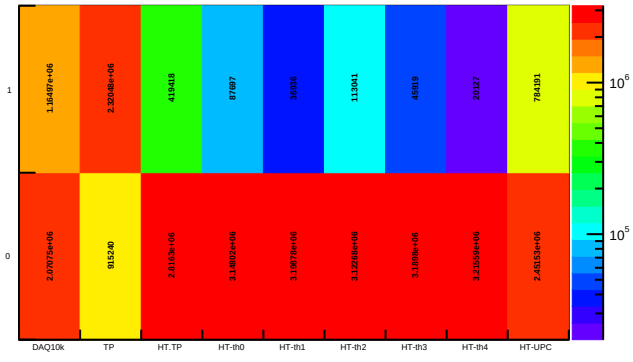
EM201-BC105 Entries 2.912149e+07



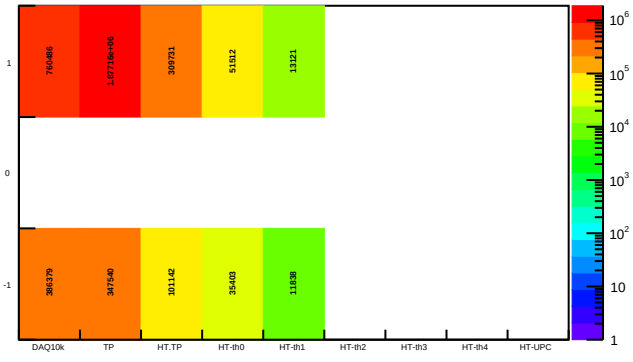
EM201-BC105Diff Entries 3724567



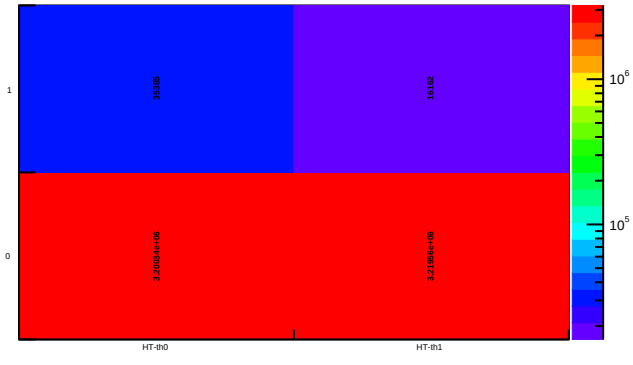
EM201-BC106 Entries 2.912149e+07



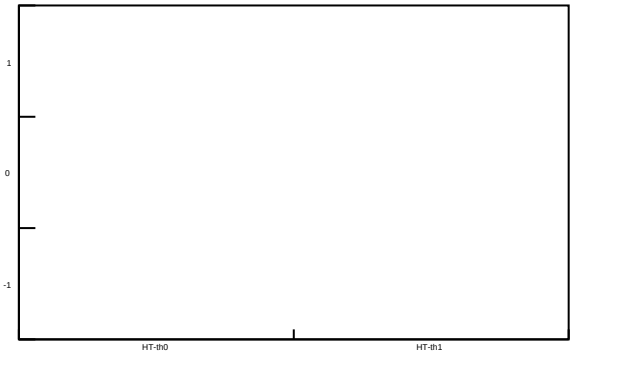
EM201-BC106Diff Entries 3894311



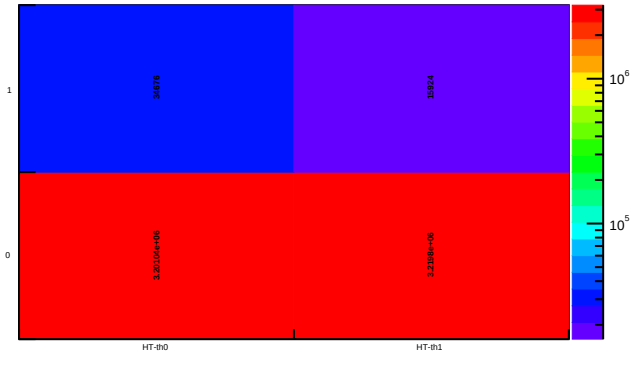
EM201-EE101 Entries 6471442



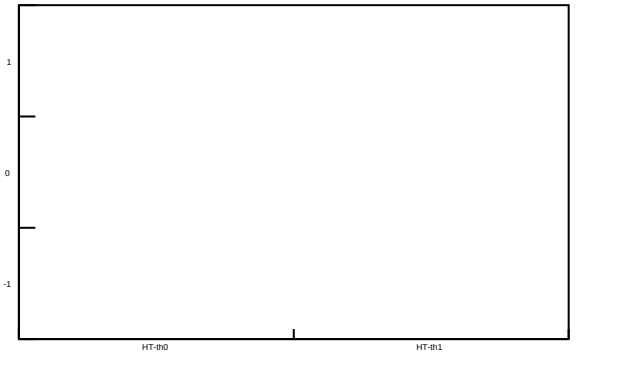
EM201-EE101Diff Entries 0

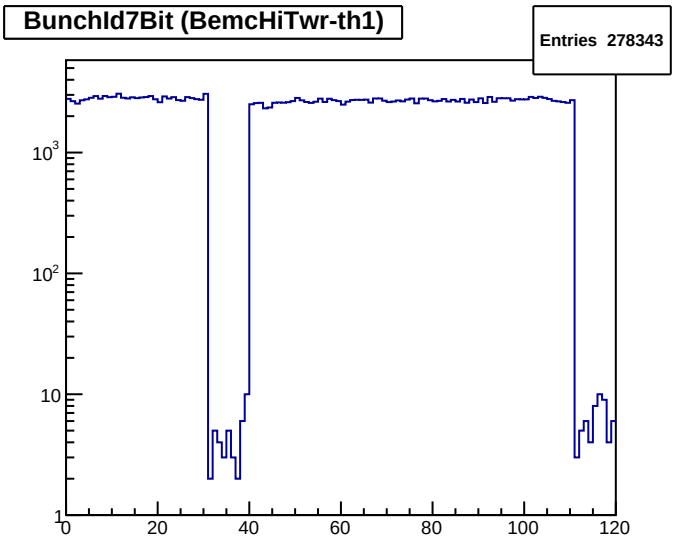


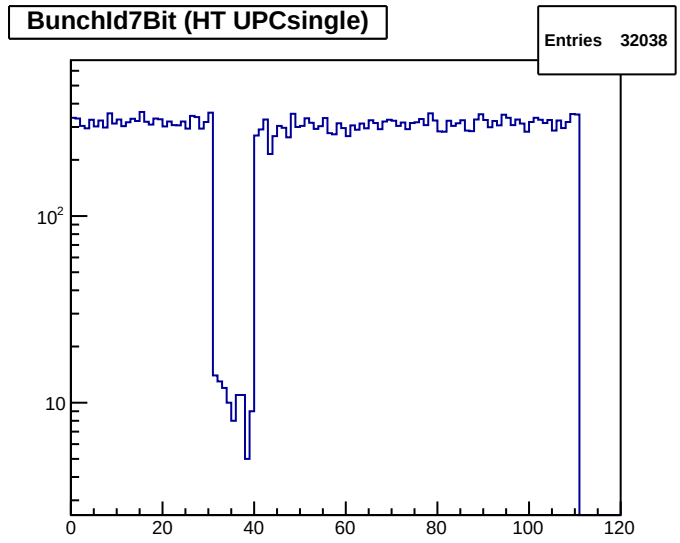
EM201-EE102 Entries 6471442

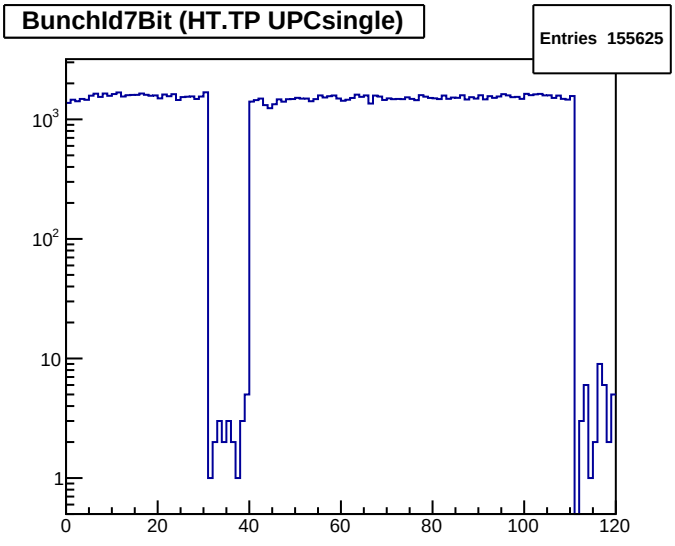


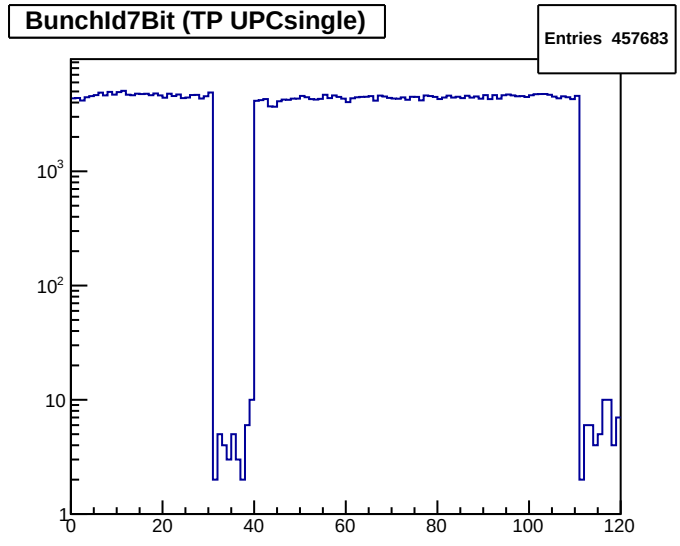
EM201-EE102Diff Entries 0

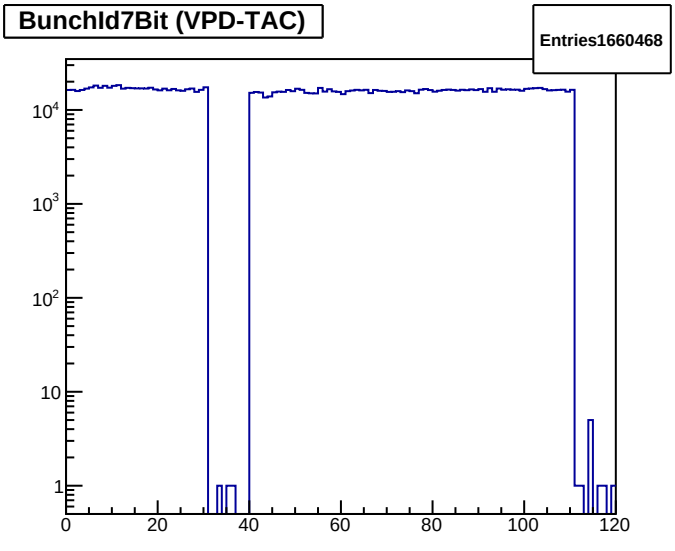


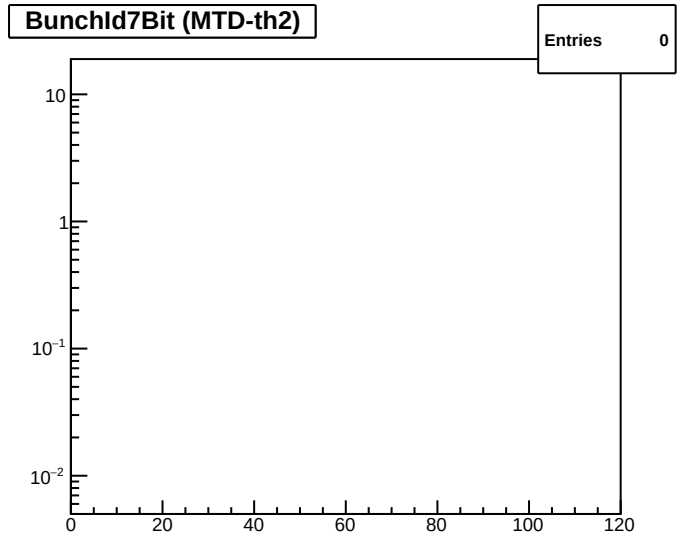

BunchId7Bit (BemcHiTwr-th1)
Entries 278343

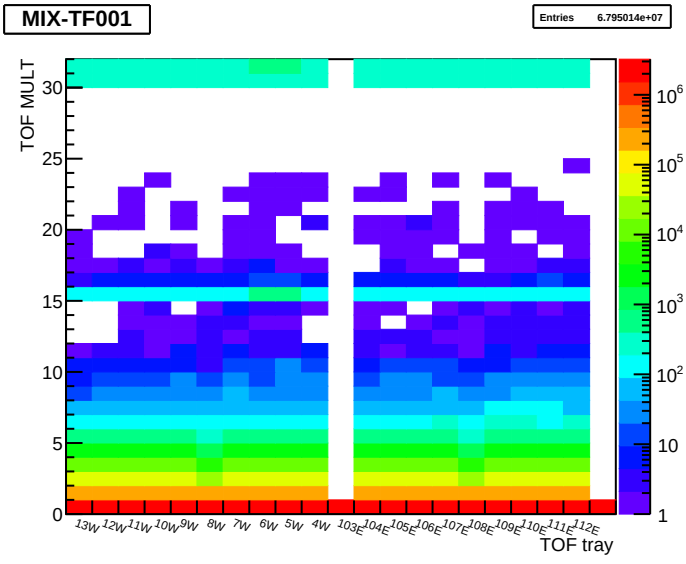

BunchId7Bit (HT UPCsingle)
Entries 32038

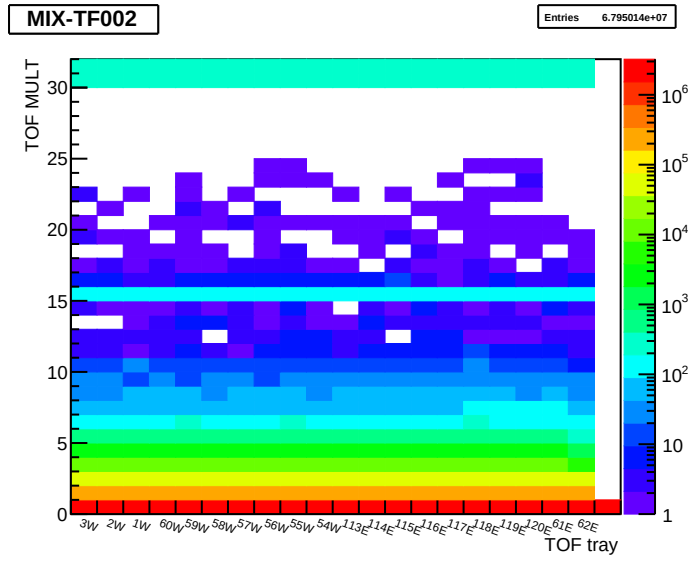

BunchId7Bit (HT.TP UPCsingle)
Entries 155625

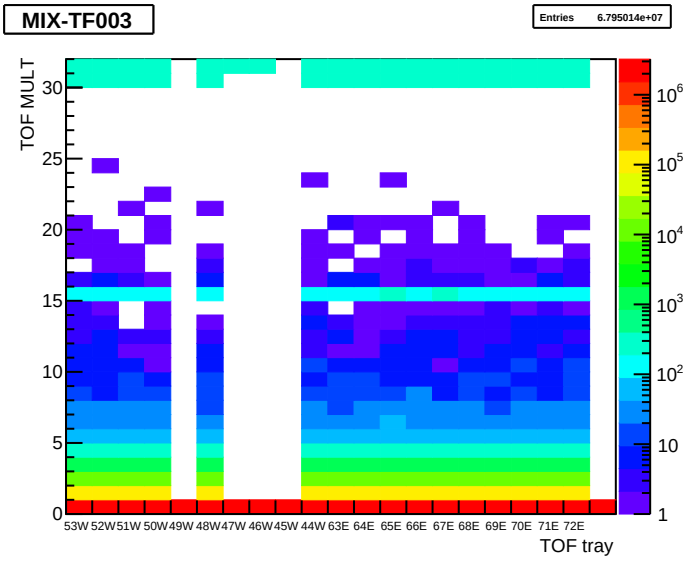

BunchId7Bit (TP UPCsingle)
Entries 457683

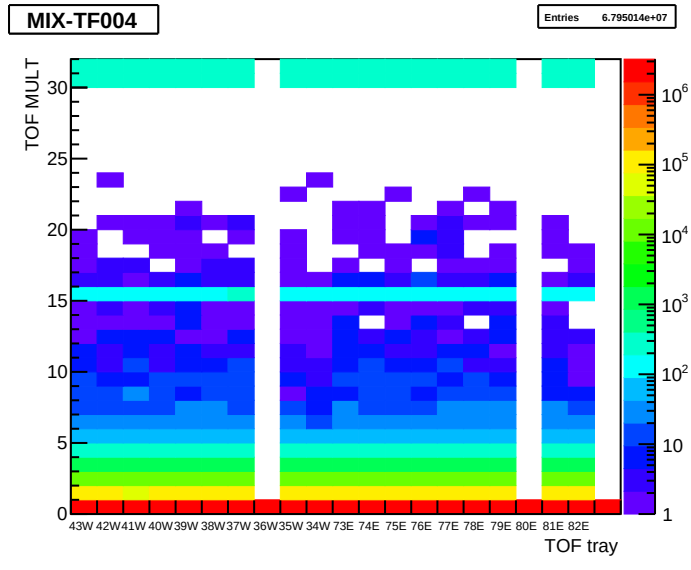

BunchId7Bit (VPD-TAC)
Entries1660468

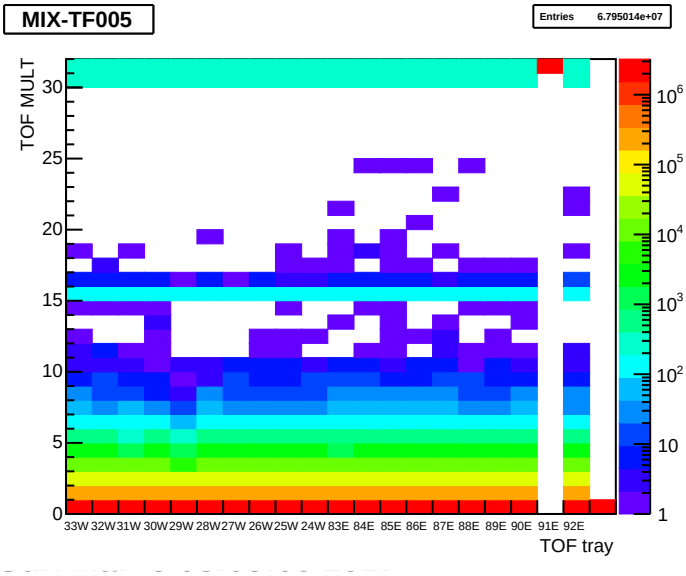

BunchId7Bit (MTD-th2)
Entries 0

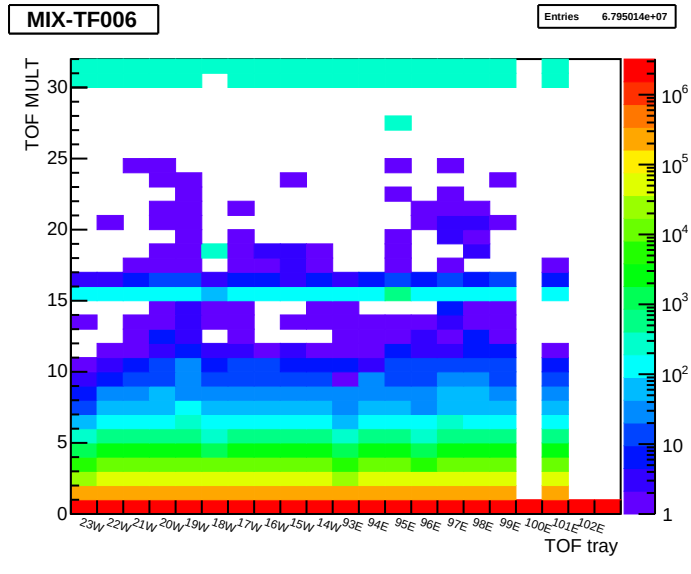

MIX-TF001
Entries 6.795014e+07
TOF MULT
TOF tray

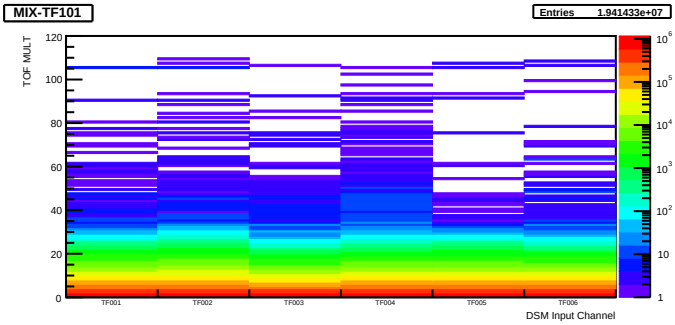

MIX-TF002
Entries 6.795014e+07
TOF MULT
TOF tray

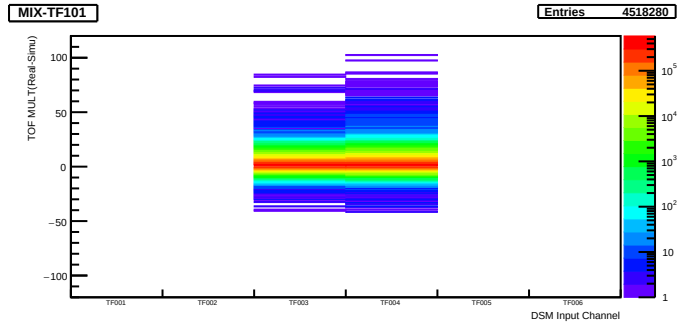

MIX-TF003
Entries 6.795014e+07
TOF MULT
TOF tray

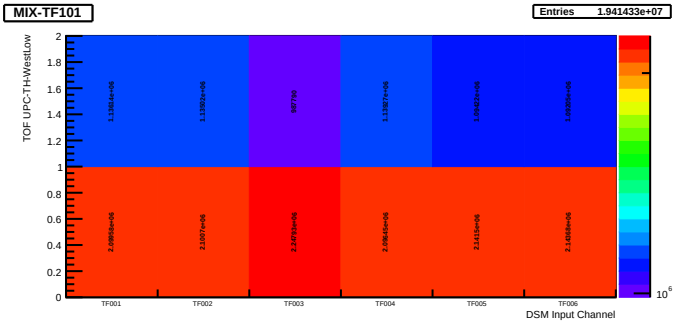

MIX-TF004
Entries 6.795014e+07
TOF MULT
TOF tray

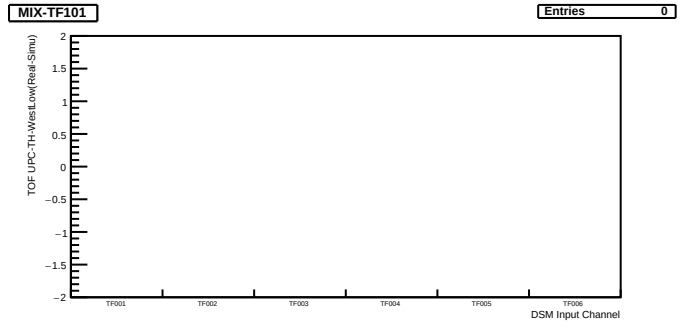

MIX-TF005
Entries 6.795014e+07
TOF MULT
TOF tray

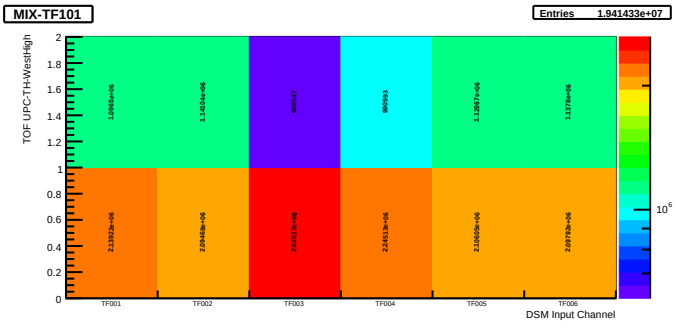

MIX-TF006
Entries 6.795014e+07
TOF MULT
TOF tray

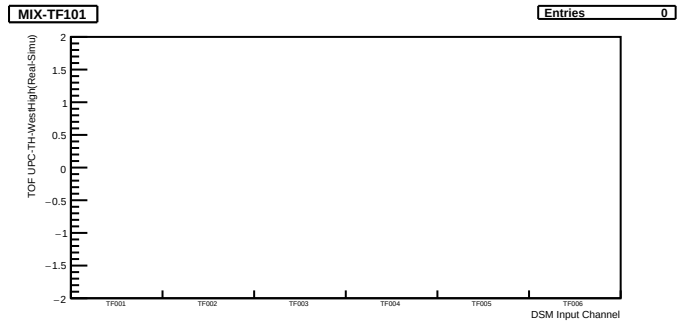

MIX-TF101
Entries 1.941433e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

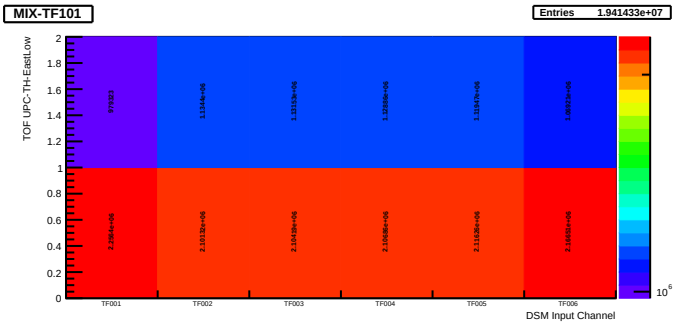

MIX-TF101
Entries 4518280
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

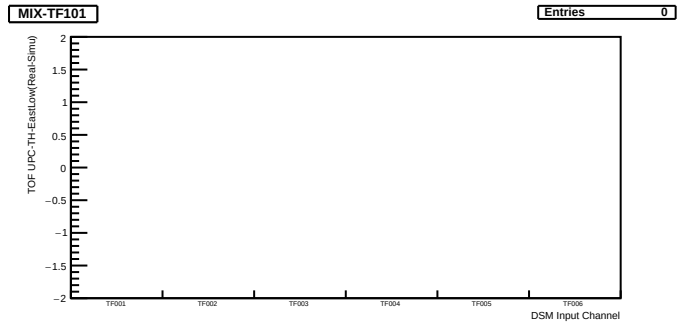

MIX-TF101
Entries 1.941433e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

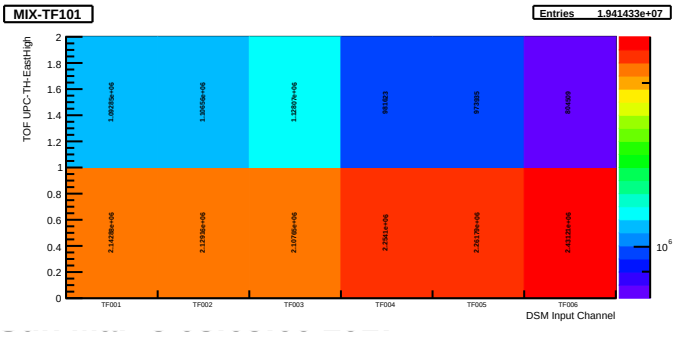

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

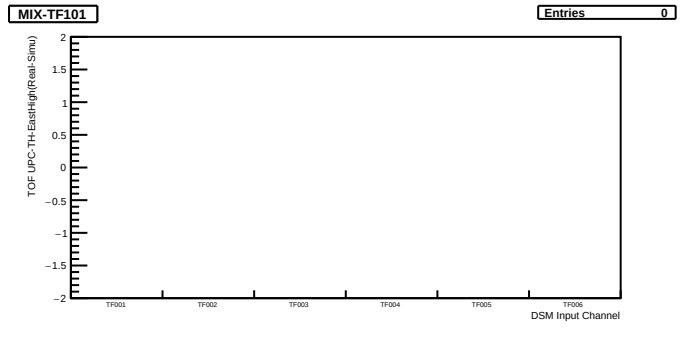

MIX-TF101
Entries 1.941433e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

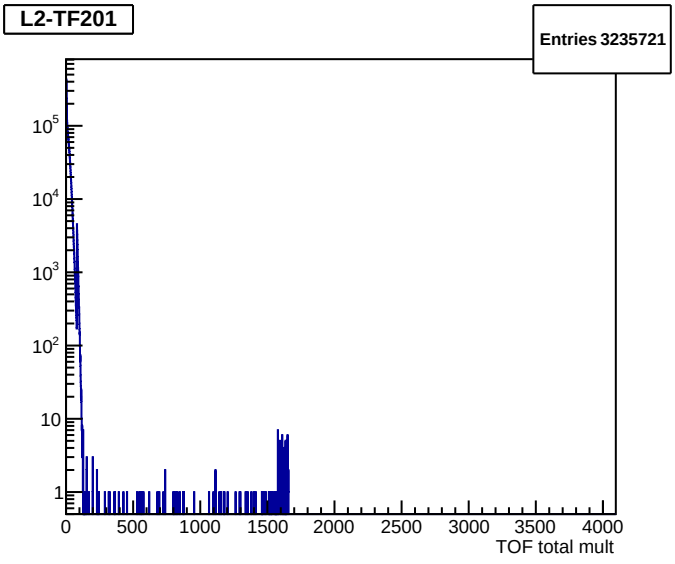

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

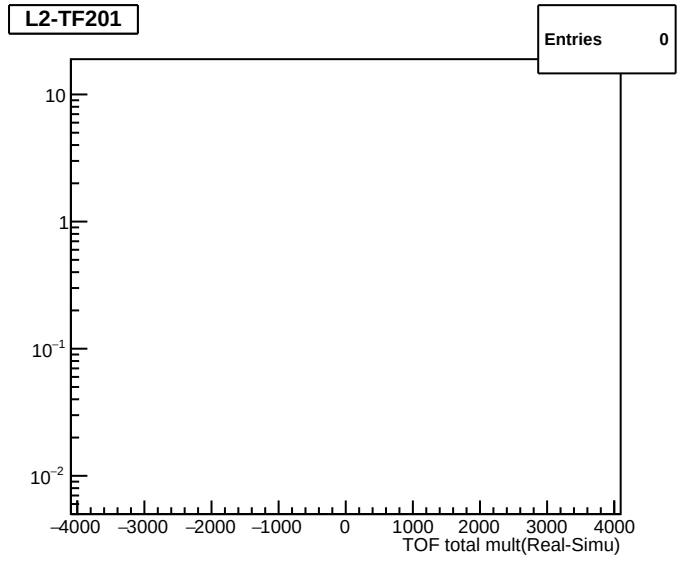

MIX-TF101
Entries 1.941433e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

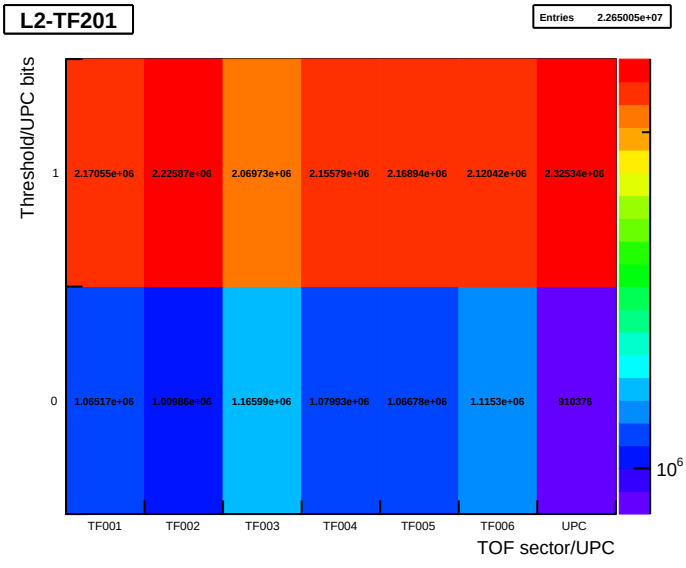

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

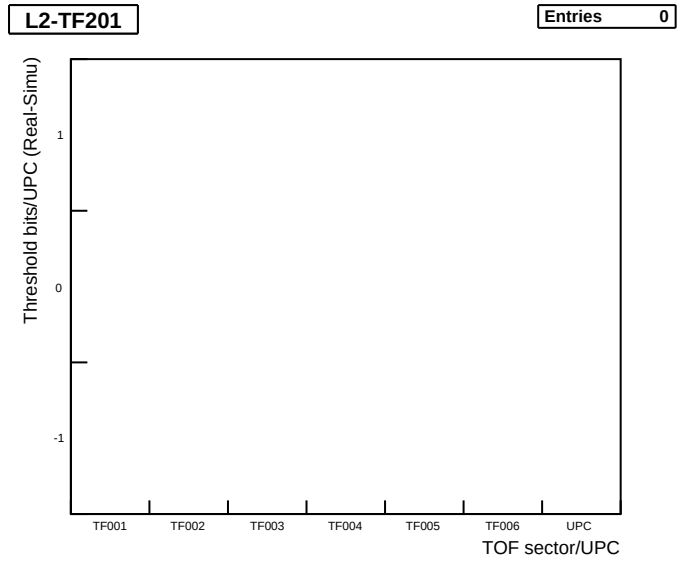

MIX-TF101
Entries 1.941433e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

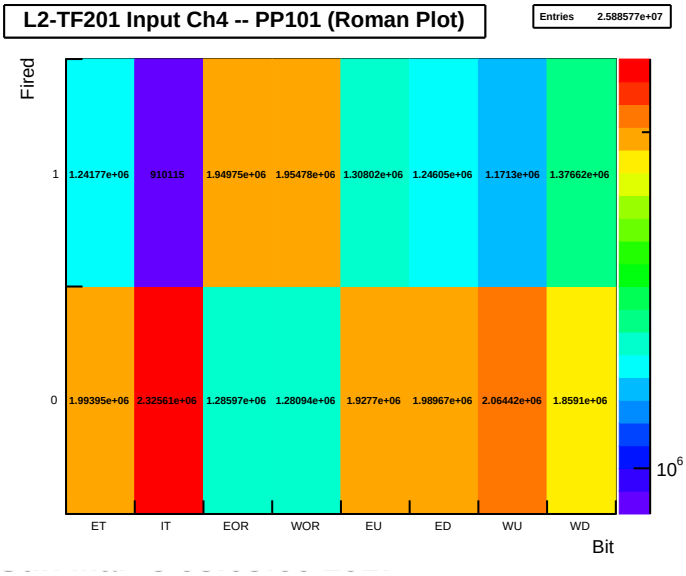

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

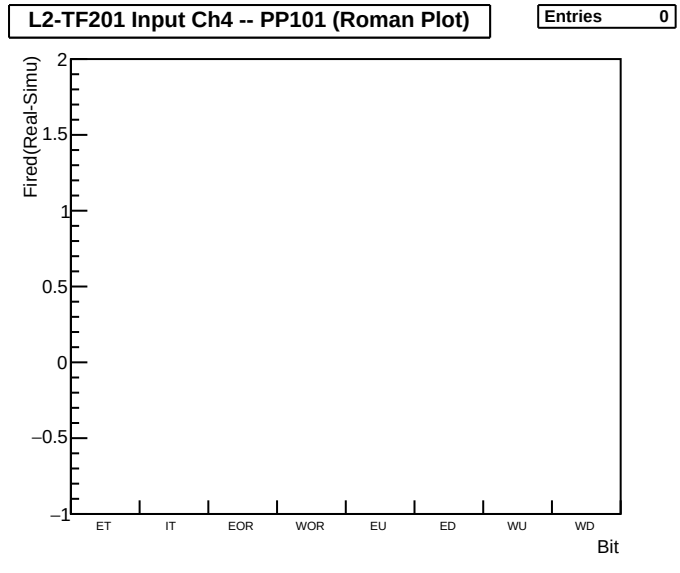

L2-TF201
Entries 3235721
TOF total mult

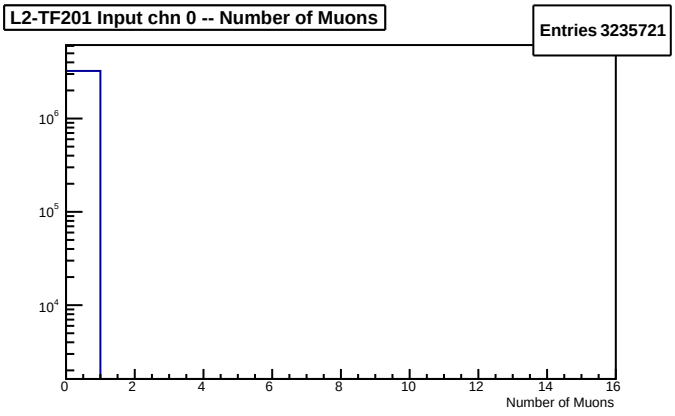

L2-TF201
Entries 0
TOF total mult(Real-Simu)

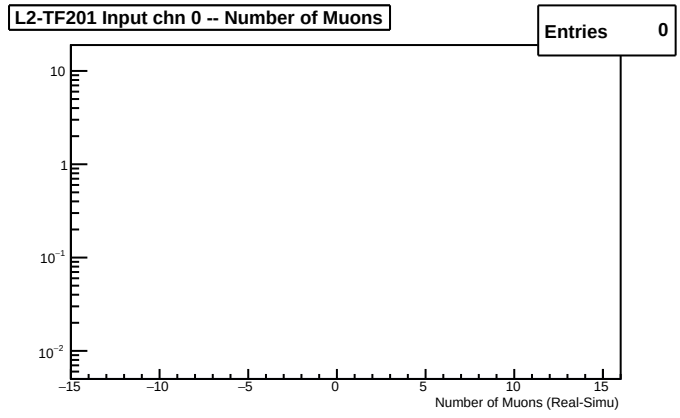

L2-TF201
Entries 2.265005e+07
Threshold/UPC bits
2.17055e+06
2.22587e+06
2.06973e+06
2.15579e+06
2.16894e+06
2.12042e+06
2.32534e+06
1.06517e+06
1.00986e+06
1.16599e+06
1.07993e+06
1.06678e+06
1.1153e+06
910376
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

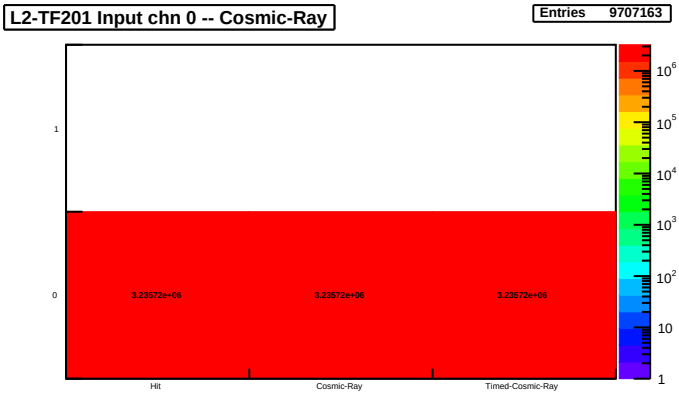

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

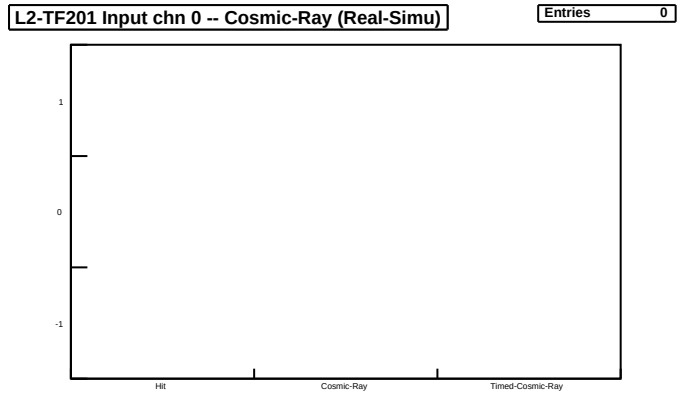

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.588577e+07
Fired
1.24177e+06
910115
1.94975e+06
1.95478e+06
1.30802e+06
1.24605e+06
1.1713e+06
1.37662e+06
1.99395e+06
2.32561e+06
1.28597e+06
1.28094e+06
1.9277e+06
1.98967e+06
2.06442e+06
1.8591e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

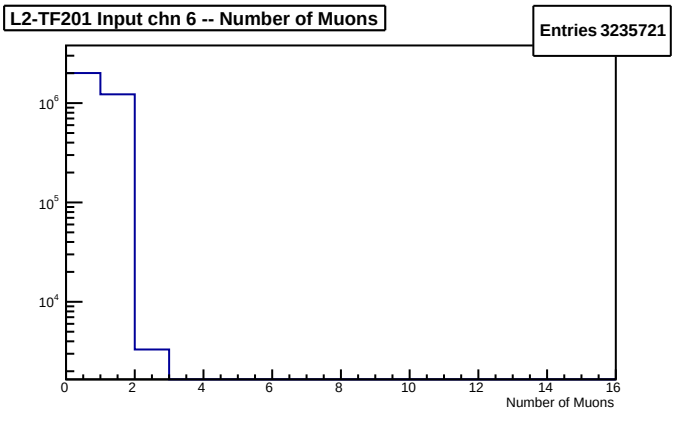

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

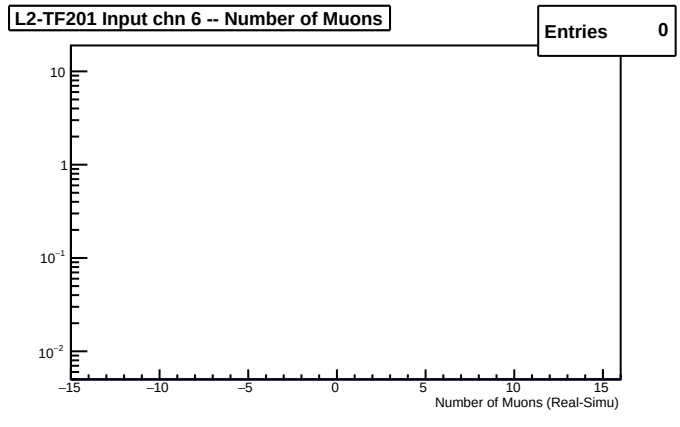

L2-TF201 Input chn 0 -- Number of Muons
Entries 3235721
Number of Muons

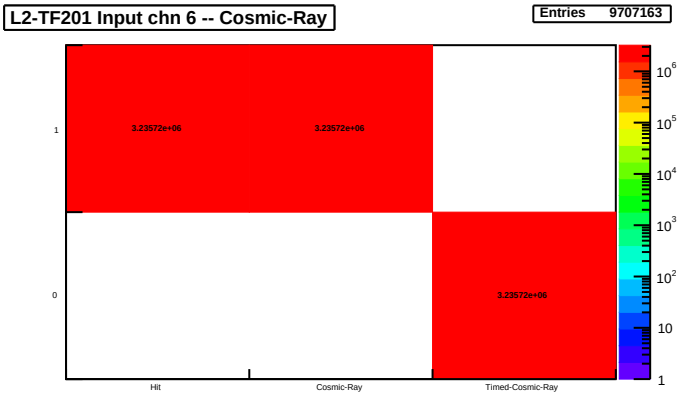

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

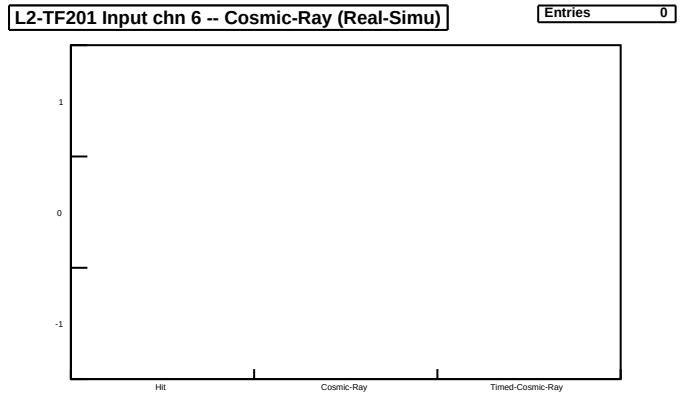

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 9707163
3.23572e+06
3.23572e+06
3.23572e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

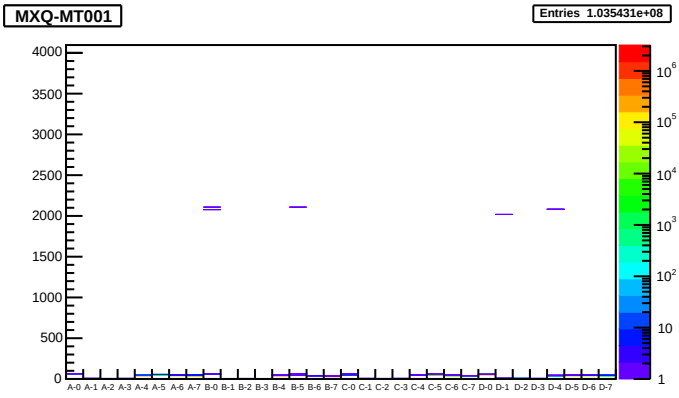

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

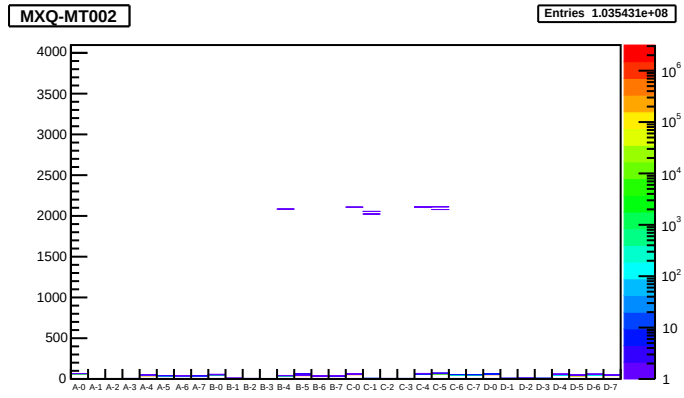

L2-TF201 Input chn 6 -- Number of Muons
Entries 3235721
Number of Muons

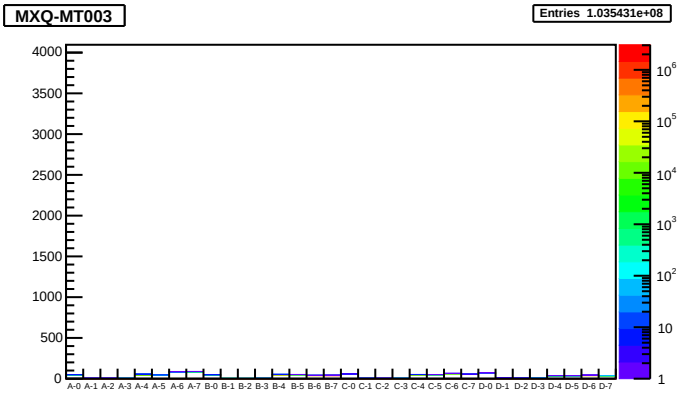

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

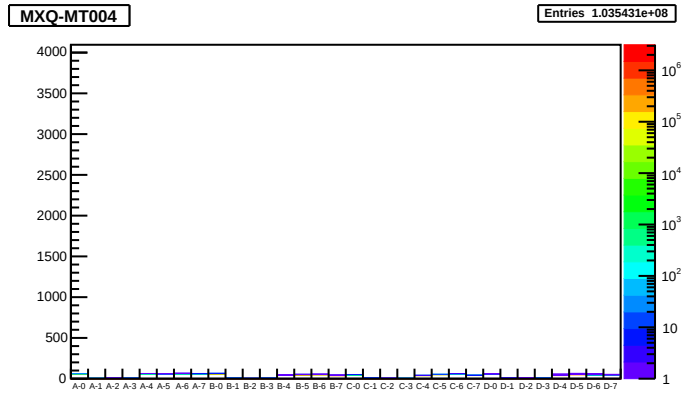

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 9707163
3.23572e+06
3.23572e+06
3.23572e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

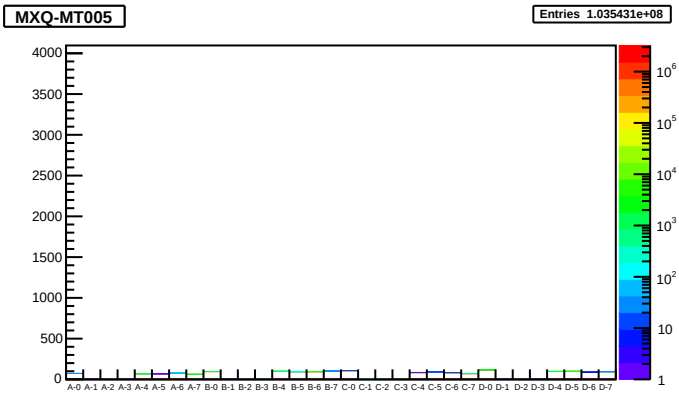

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

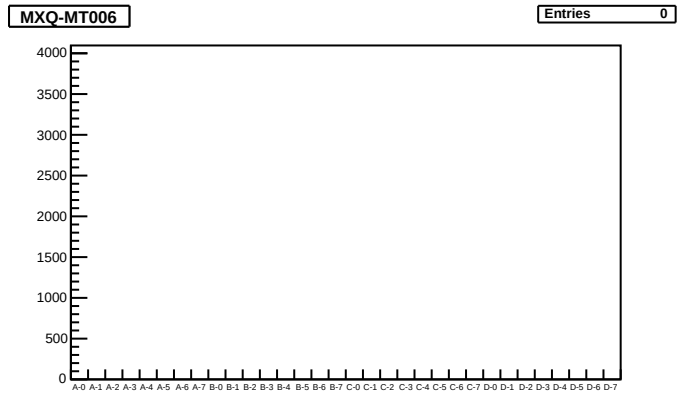

MXQ-MT001
Entries 1.035431e+08

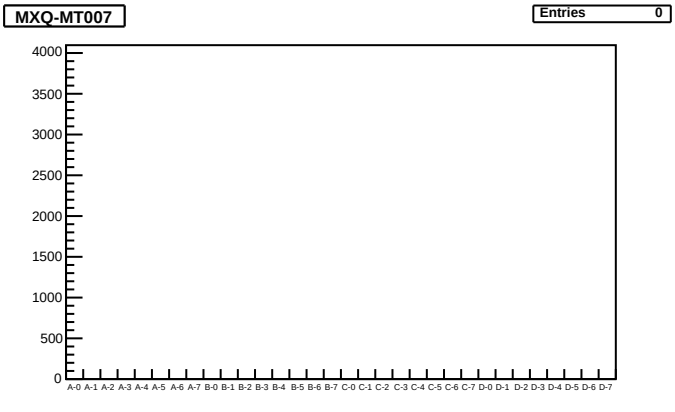

MXQ-MT002
Entries 1.035431e+08

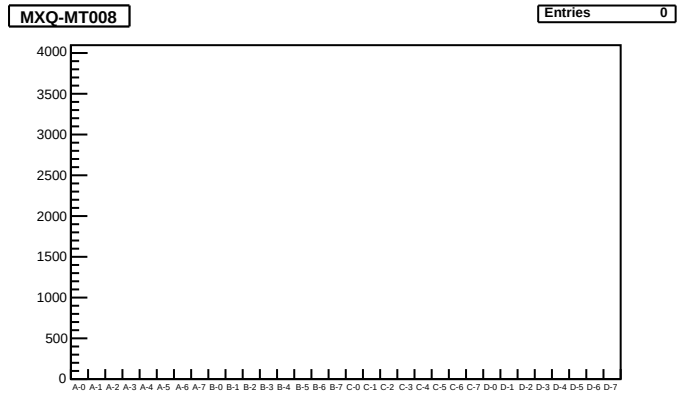

MXQ-MT003
Entries 1.035431e+08

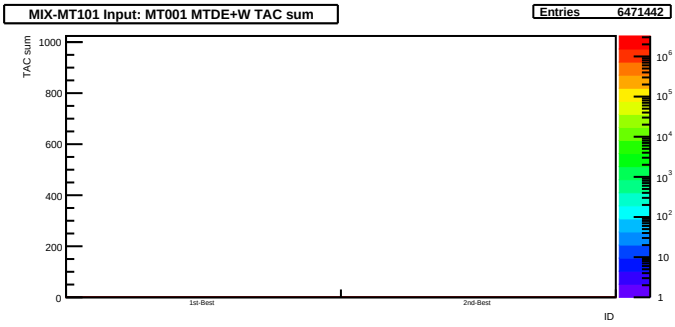

MXQ-MT004
Entries 1.035431e+08

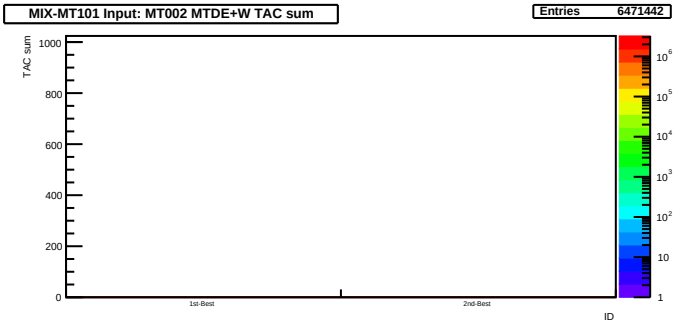

MXQ-MT005
Entries 1.035431e+08

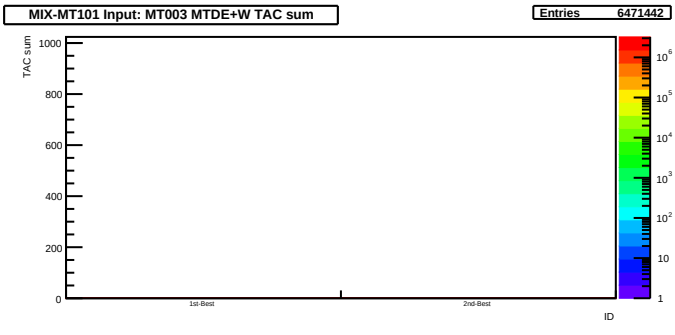

MXQ-MT006
Entries 0

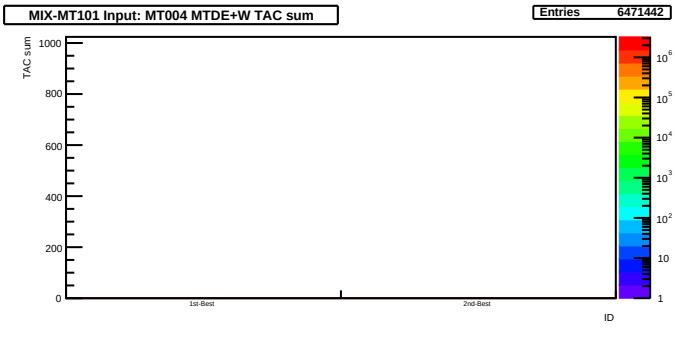

MXQ-MT007
Entries 0

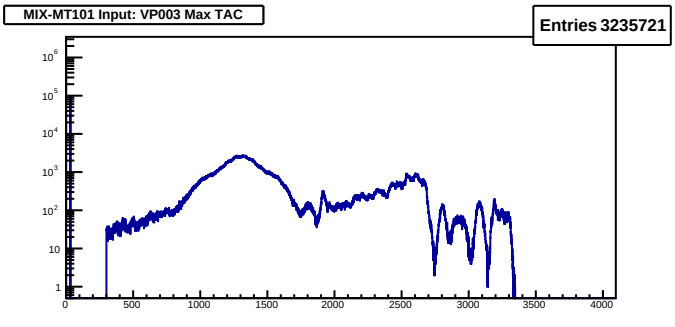

MXQ-MT008
Entries 0

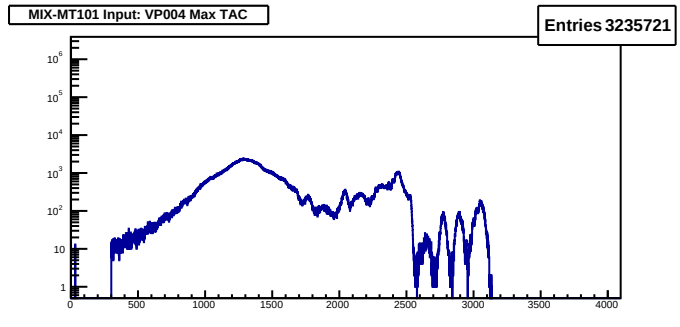

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 6471442
TAC sum
1st-Best
2nd-Best
ID

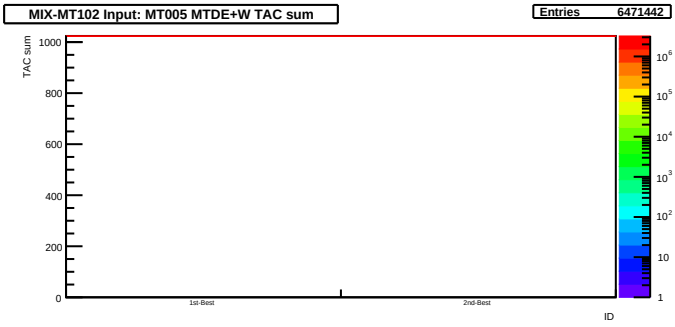

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 6471442
TAC sum
1st-Best
2nd-Best
ID

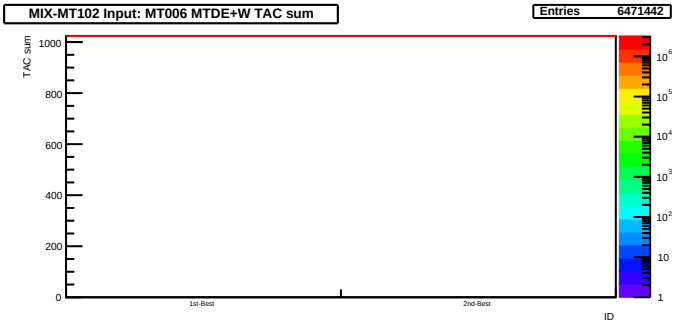

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 6471442
TAC sum
1st-Best
2nd-Best
ID

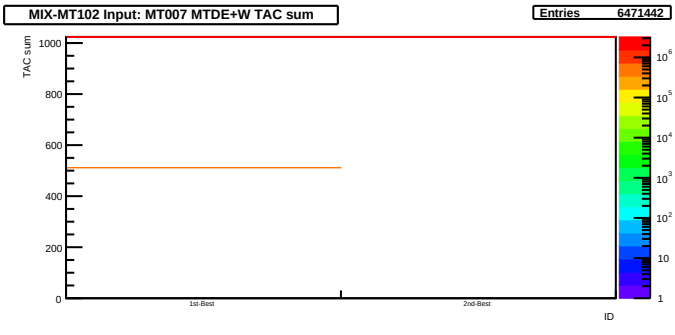

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 6471442
TAC sum
1st-Best
2nd-Best
ID

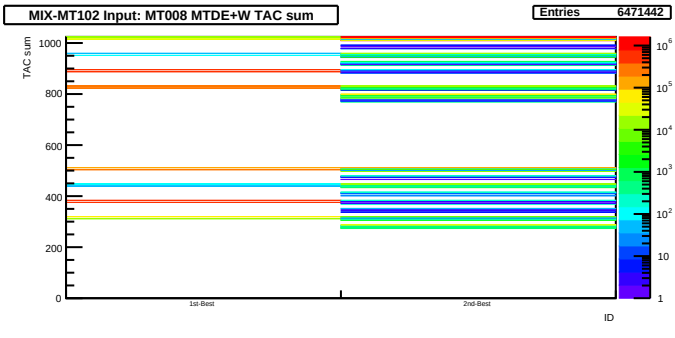

MIX-MT101 Input: VP003 Max TAC
Entries 3235721

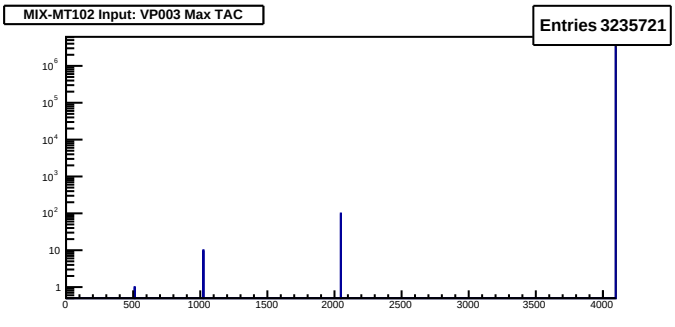

MIX-MT101 Input: VP004 Max TAC
Entries 3235721

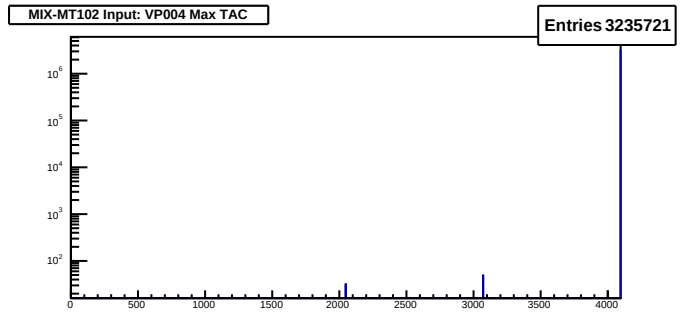

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 6471442
TAC sum
1st-Best
2nd-Best
ID

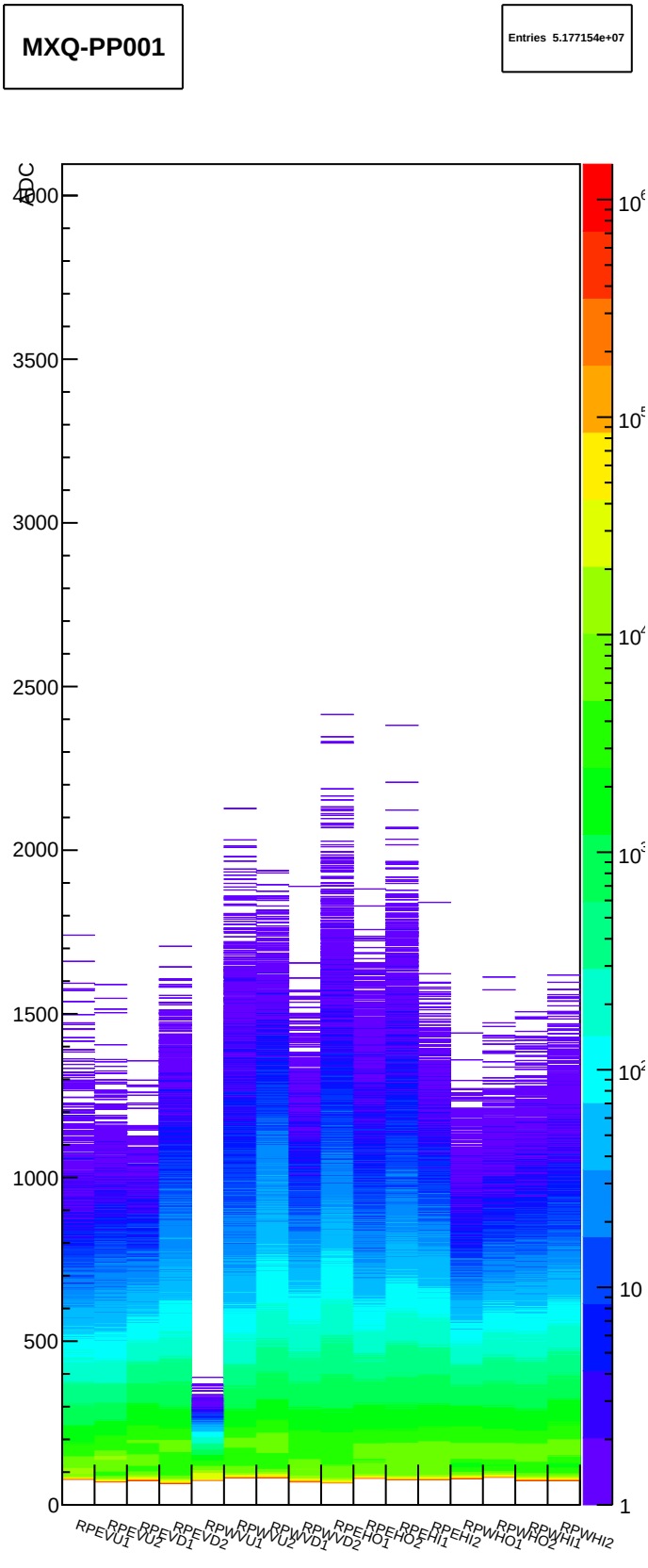

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 6471442
TAC sum
1st-Best
2nd-Best
ID

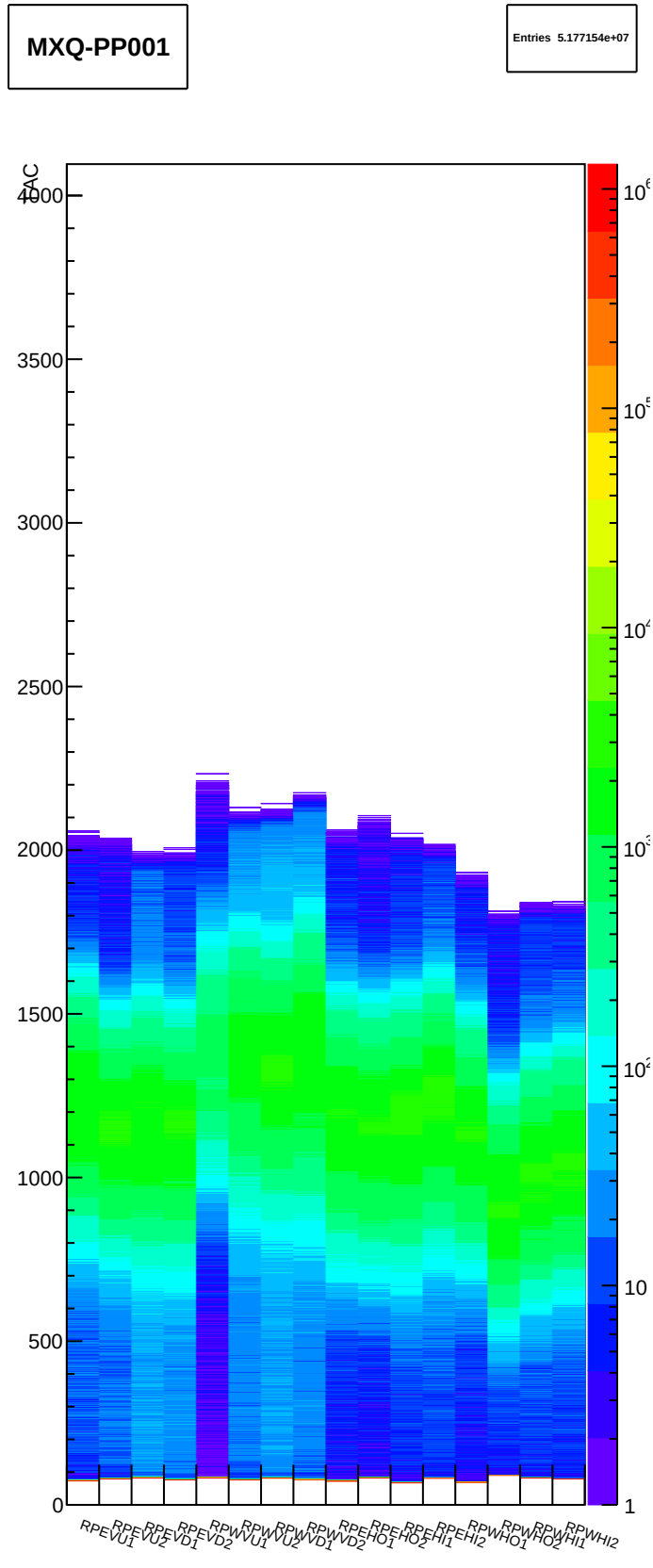

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 6471442
TAC sum
1st-Best
2nd-Best
ID

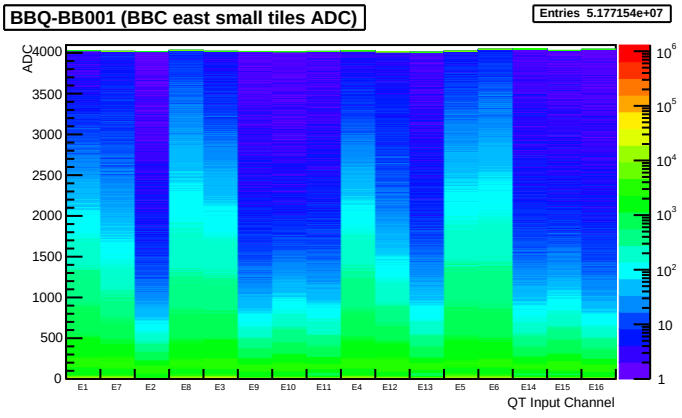

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 6471442
TAC sum
1st-Best
2nd-Best
ID

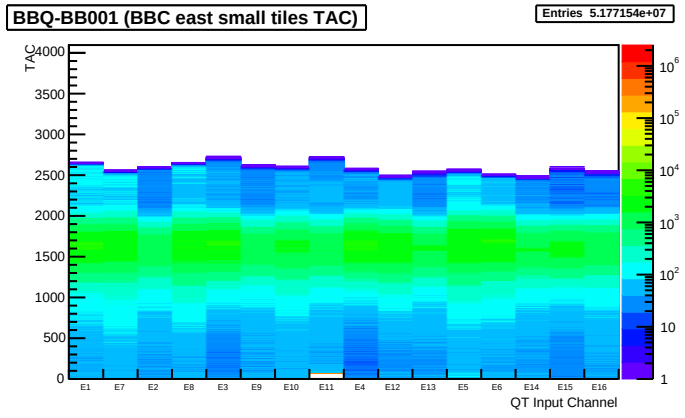

MIX-MT102 Input: VP003 Max TAC
Entries 3235721

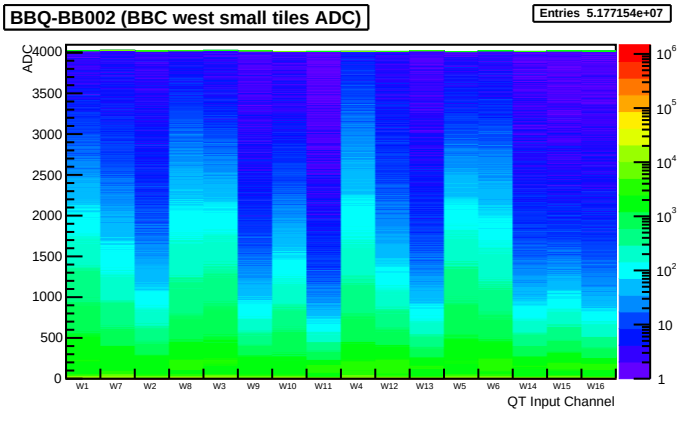

MIX-MT102 Input: VP004 Max TAC
Entries 3235721

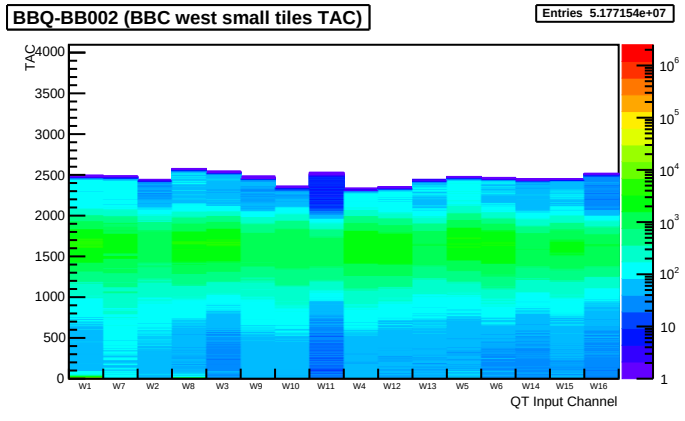

MXQ-PP001
Entries 5.177154e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

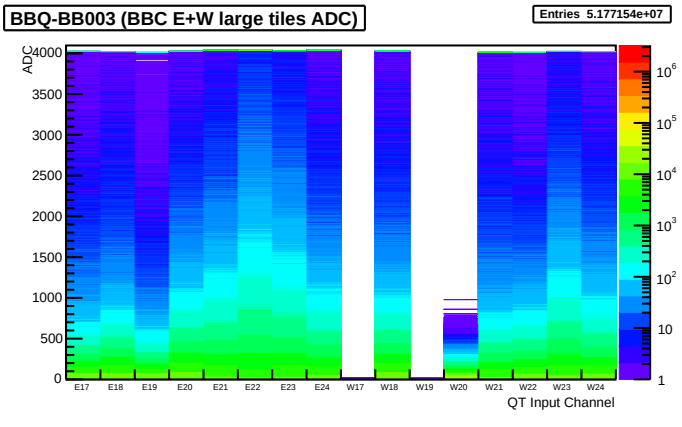

MXQ-PP001
Entries 5.177154e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

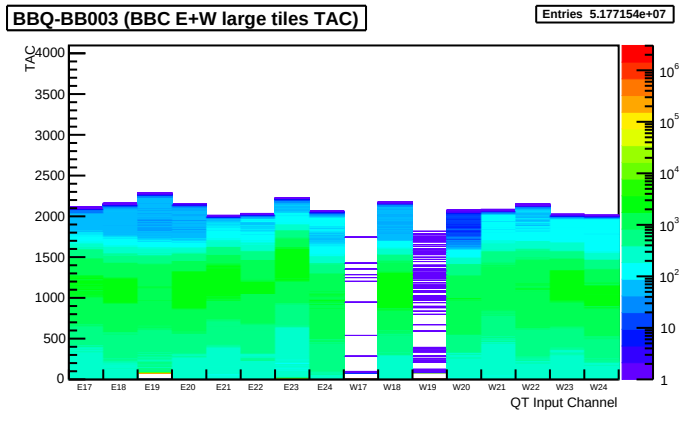

BBQ-BB001 (BBC east small tiles ADC)
Entries 5.177154e+07
ADC
QT Input Channel

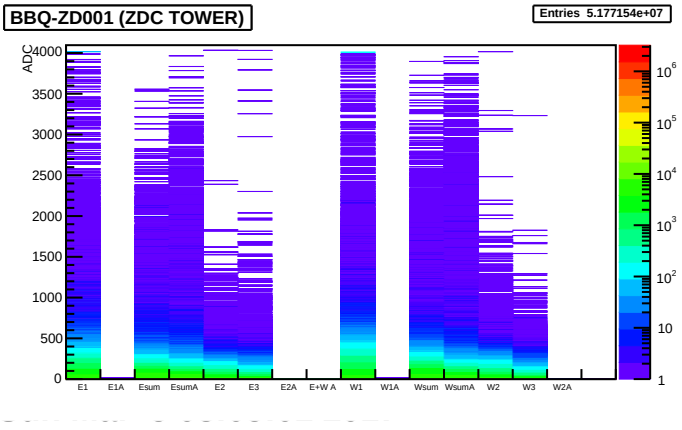

BBQ-BB001 (BBC east small tiles TAC)
Entries 5.177154e+07
TAC
QT Input Channel

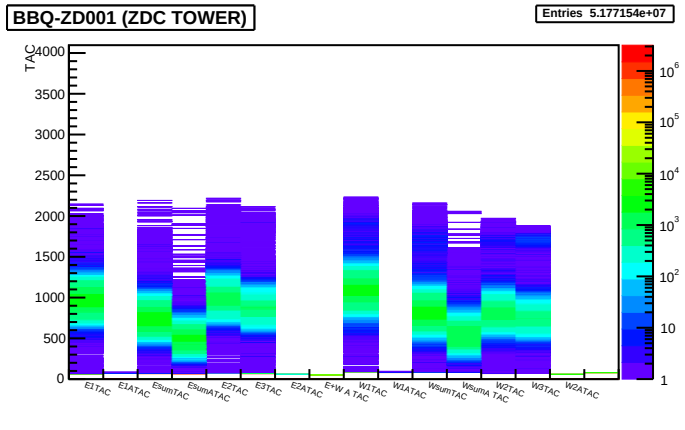

BBQ-BB002 (BBC west small tiles ADC)
Entries 5.177154e+07
ADC
QT Input Channel

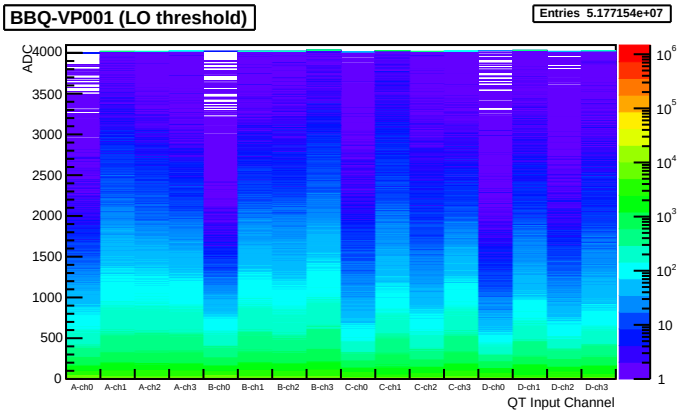

BBQ-BB002 (BBC west small tiles TAC)
Entries 5.177154e+07
TAC
QT Input Channel

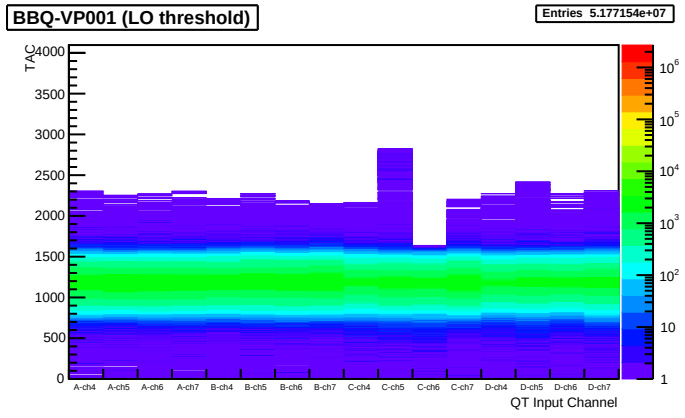

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.177154e+07
ADC
QT Input Channel

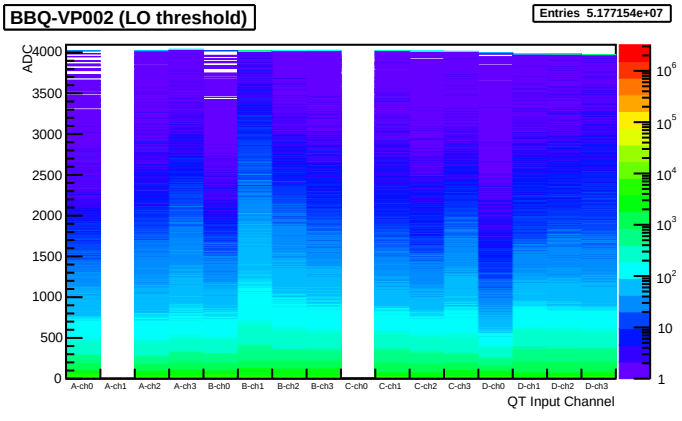

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.177154e+07
TAC
QT Input Channel

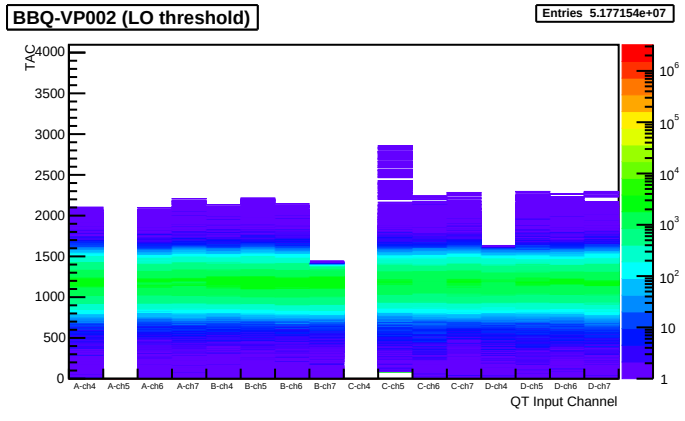

BBQ-ZD001 (ZDC TOWER)
Entries 5.177154e+07
ADC

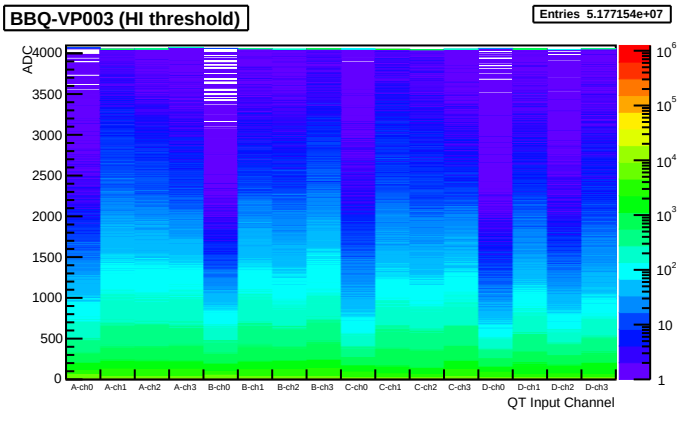

BBQ-ZD001 (ZDC TOWER)
Entries 5.177154e+07
TAC

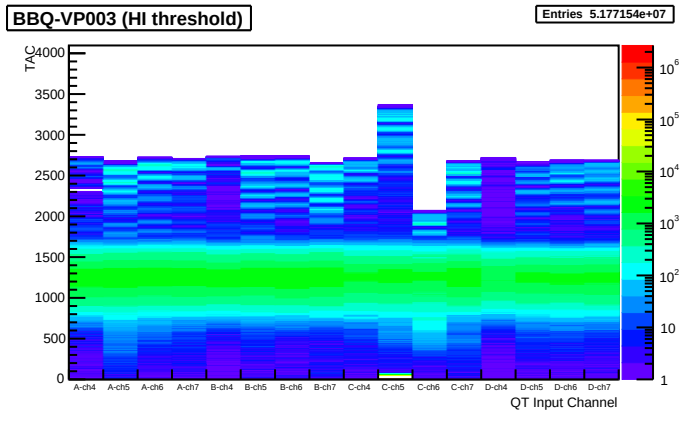

BBQ-VP001 (LO threshold)
Entries 5.177154e+07
ADC
QT Input Channel

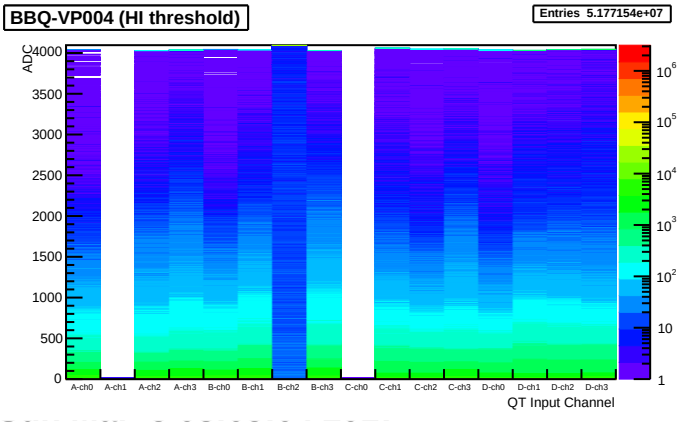

BBQ-VP001 (LO threshold)
Entries 5.177154e+07
TAC
QT Input Channel

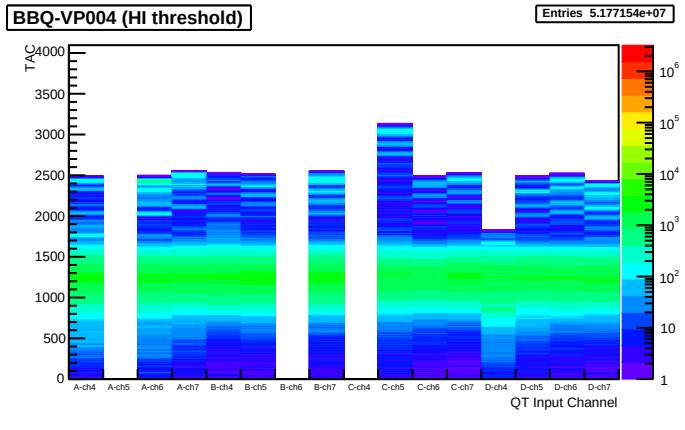

BBQ-VP002 (LO threshold)
Entries 5.177154e+07
ADC
QT Input Channel

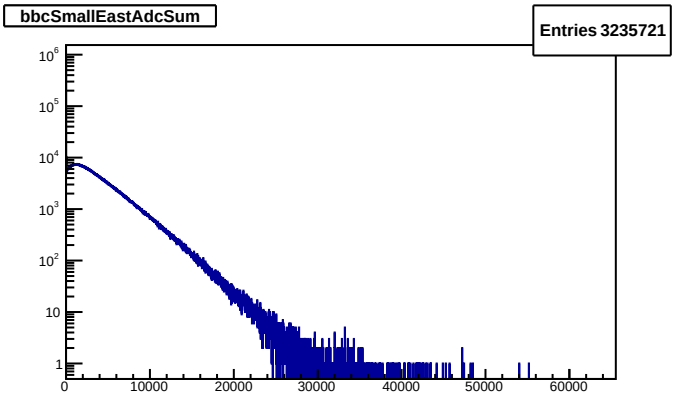

BBQ-VP002 (LO threshold)
Entries 5.177154e+07
TAC
QT Input Channel

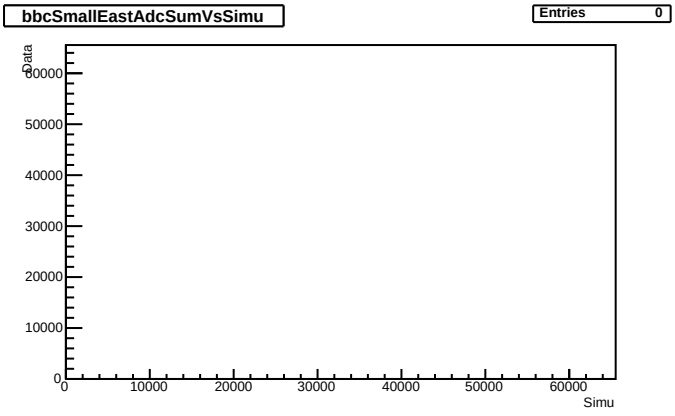

BBQ-VP003 (HI threshold)
Entries 5.177154e+07
ADC
QT Input Channel

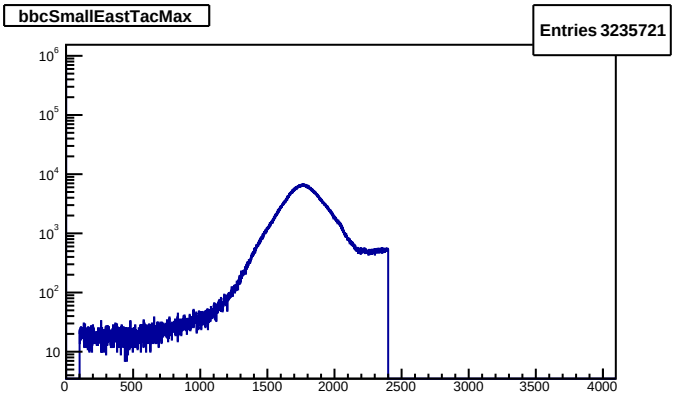

BBQ-VP003 (HI threshold)
Entries 5.177154e+07
TAC
QT Input Channel

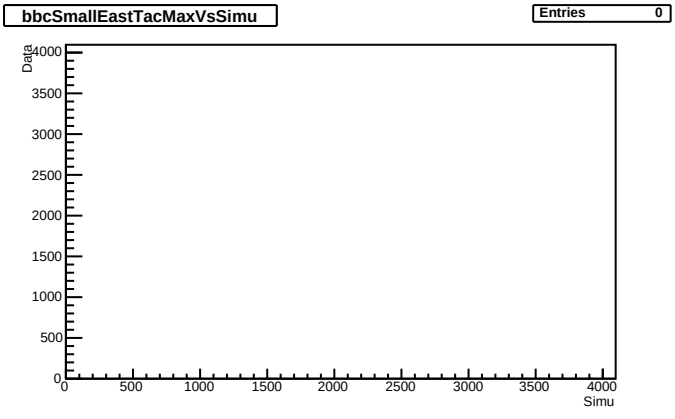

BBQ-VP004 (HI threshold)
Entries 5.177154e+07
ADC
QT Input Channel

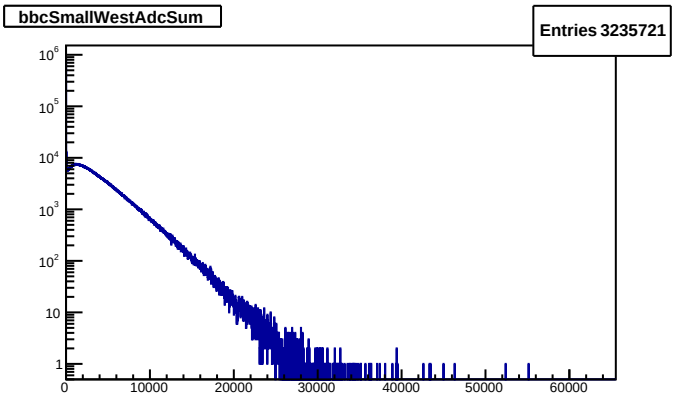

BBQ-VP004 (HI threshold)
Entries 5.177154e+07
TAC
QT Input Channel

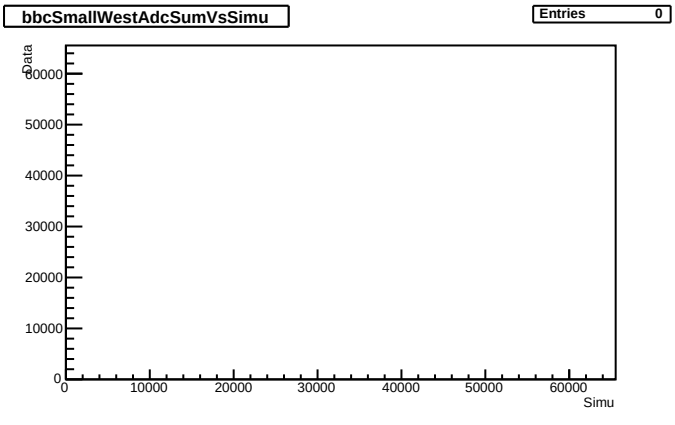

bbcSmallEastAdcSum
Entries 3235721

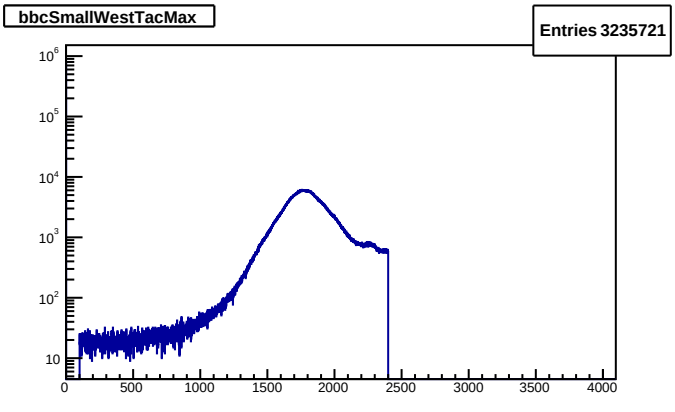

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

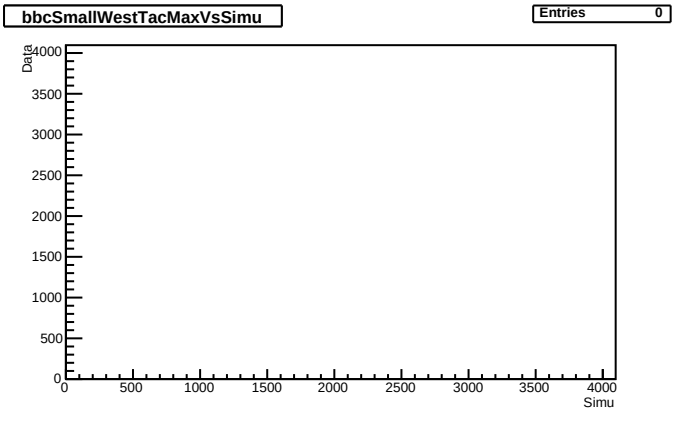

bbcSmallEastTacMax
Entries 3235721

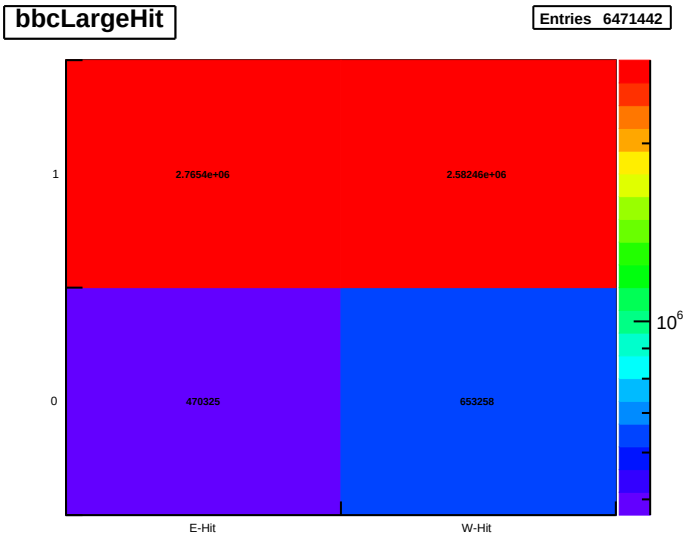

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

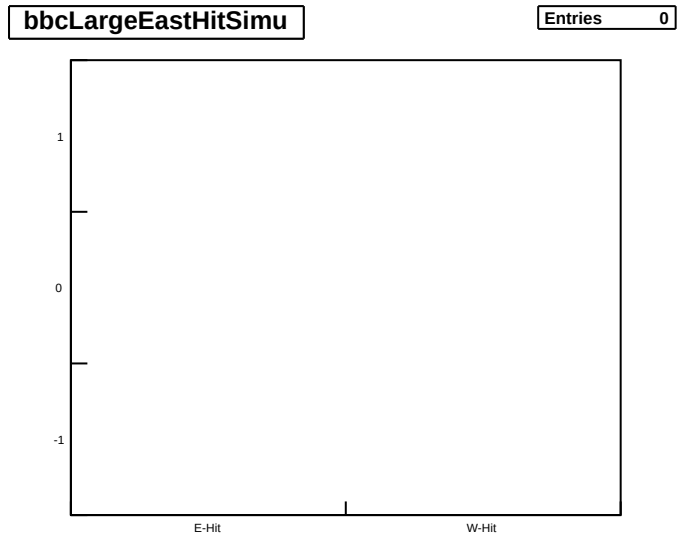

bbcSmallWestAdcSum
Entries 3235721

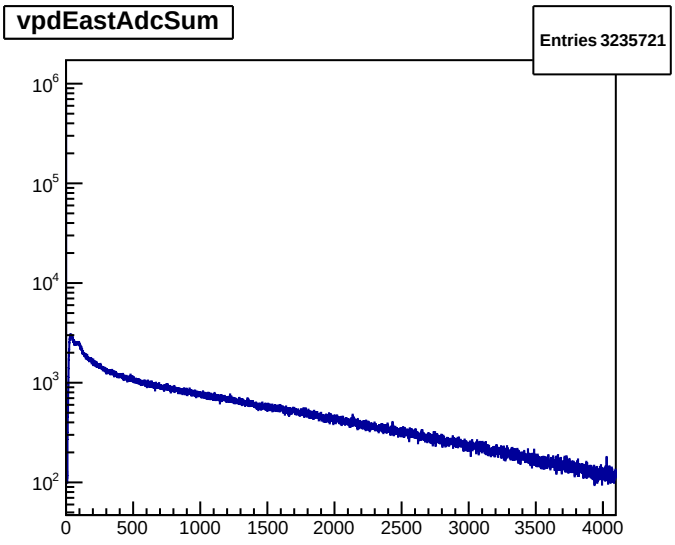

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

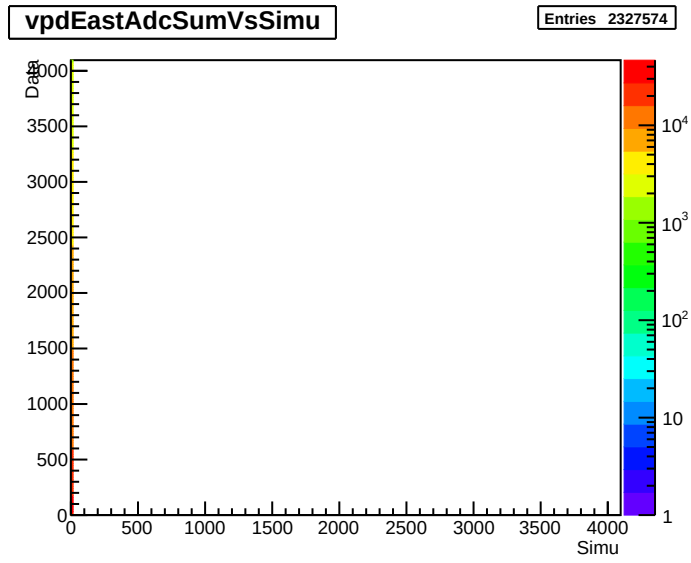

bbcSmallWestTacMax
Entries 3235721

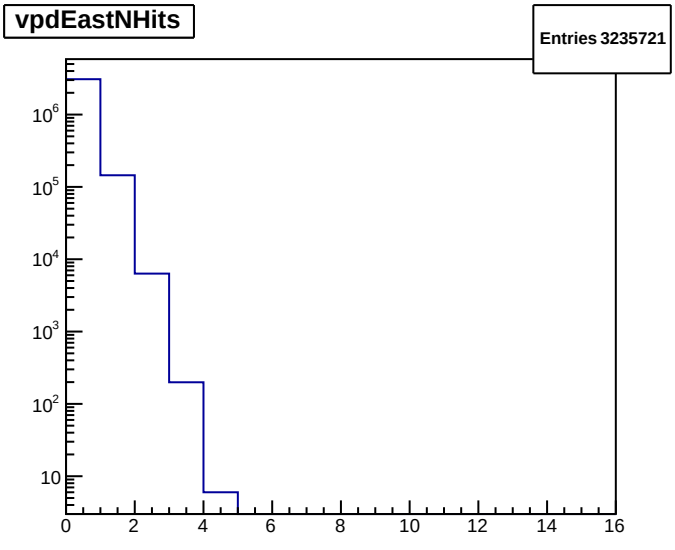

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

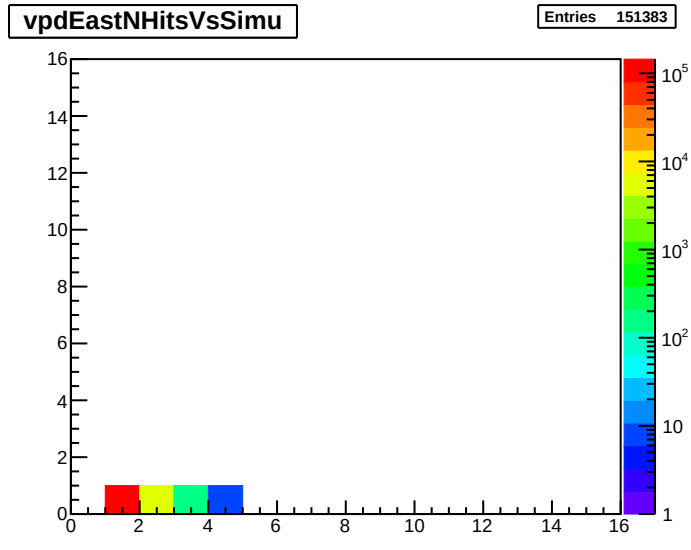

bbcLargeHit
Entries 6471442
1
0
2.7654e+06
2.58246e+06
470325
653258
E-Hit
W-Hit
10^6

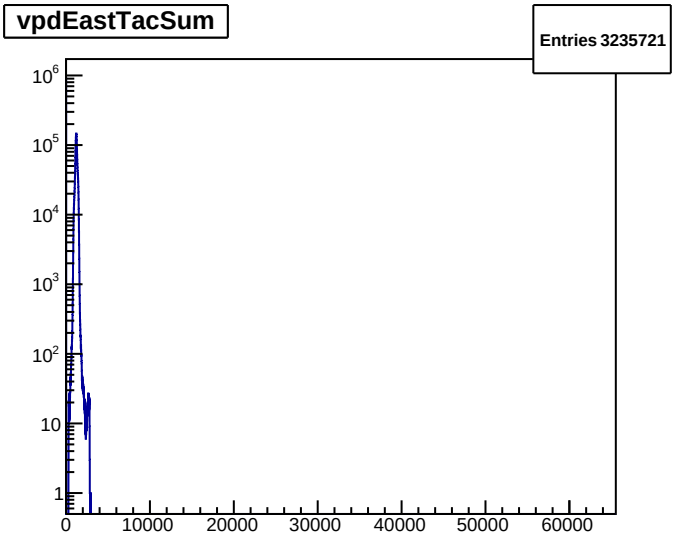

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

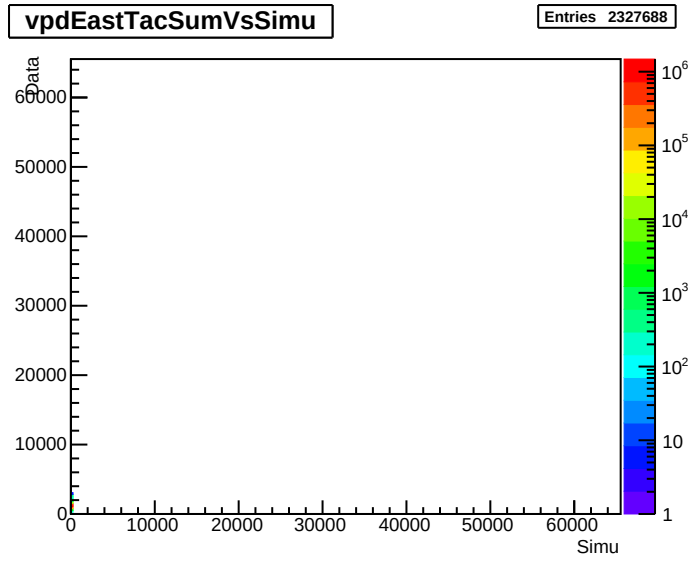

vpdEastAdcSum
Entries 3235721

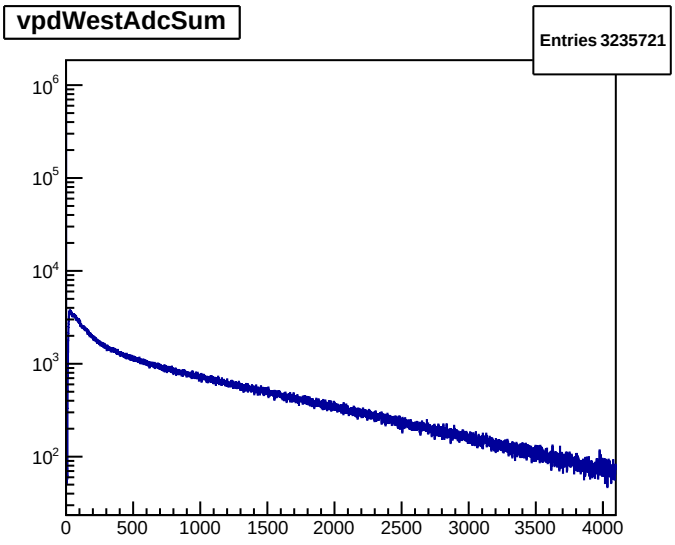

vpdEastAdcSumVsSimu
Entries 2327574
Data
Simu

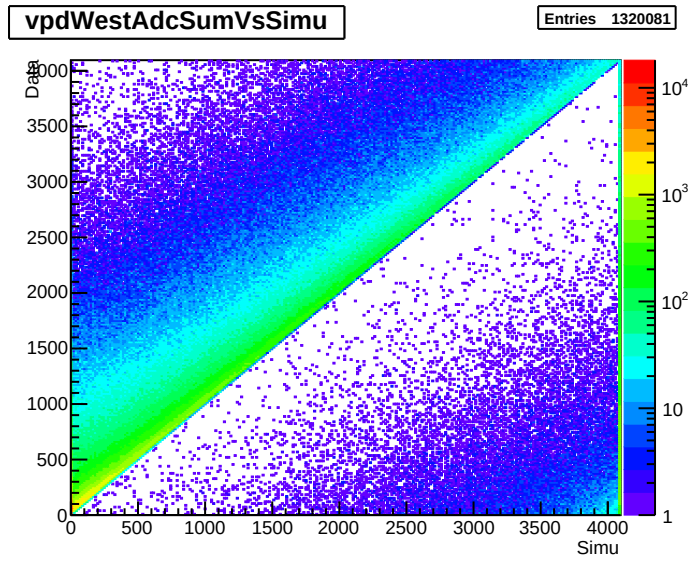

vpdEastNHits
Entries 3235721

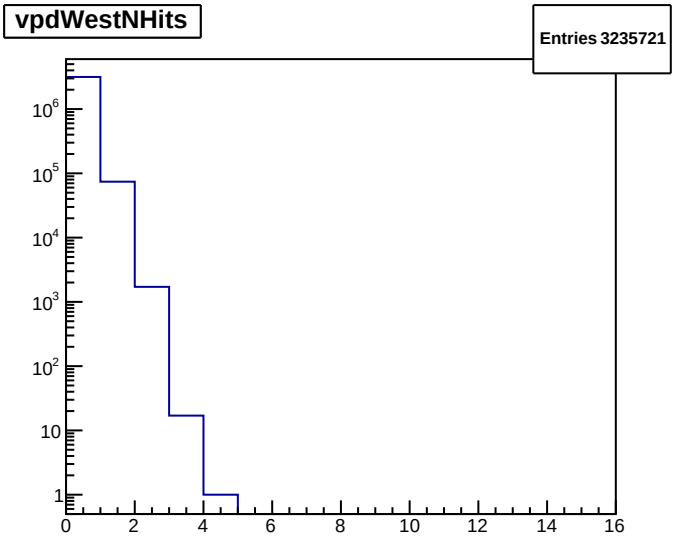

vpdEastNHitsVsSimu
Entries 151383

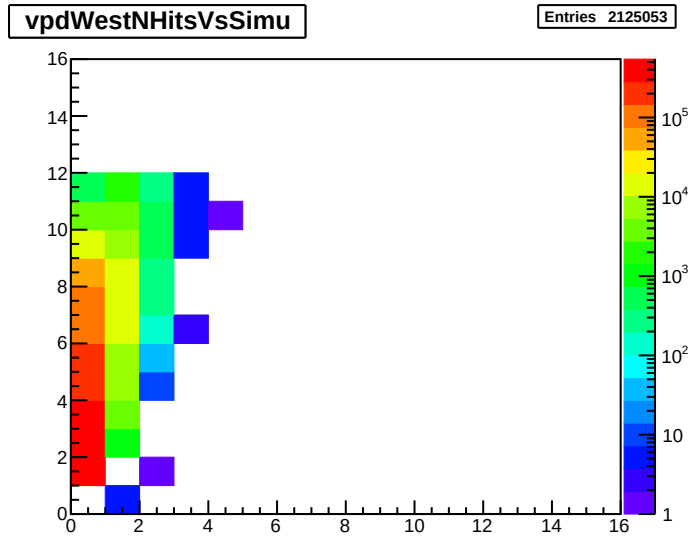

vpdEastTacSum
Entries 3235721

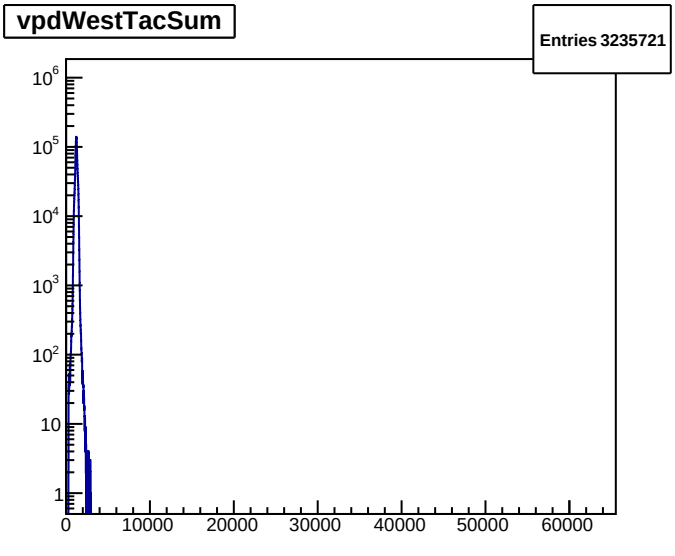

vpdEastTacSumVsSimu
Entries 2327688
Data
Simu

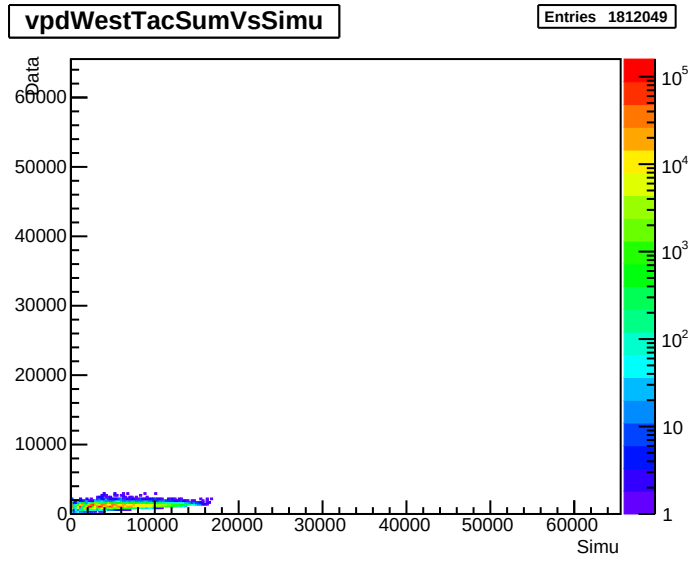

vpdWestAdcSum
Entries 3235721

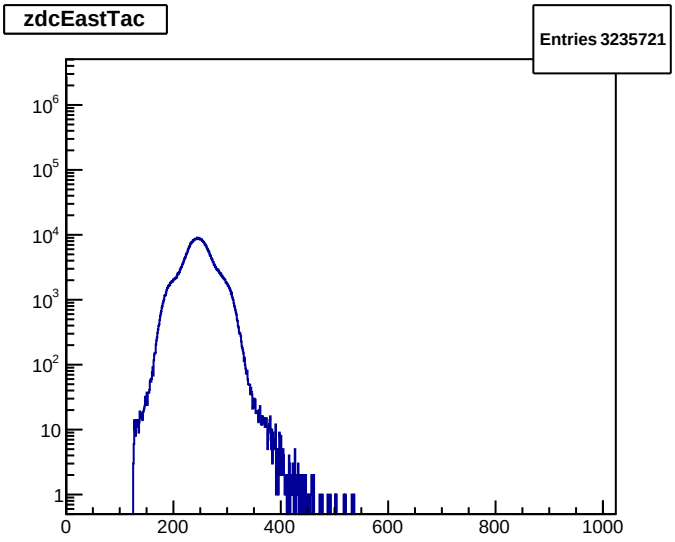

vpdWestAdcSumVsSimu
Entries 1320081
Data
Simu

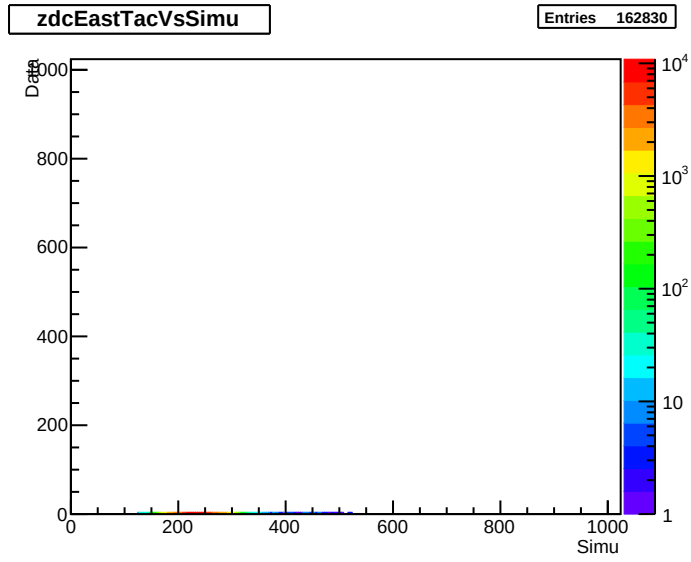

vpdWestNHits
Entries 3235721

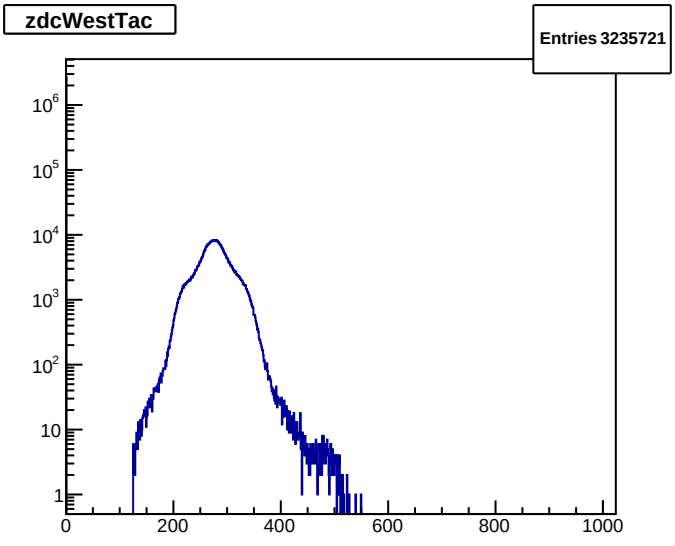

vpdWestNHitsVsSimu
Entries 2125053

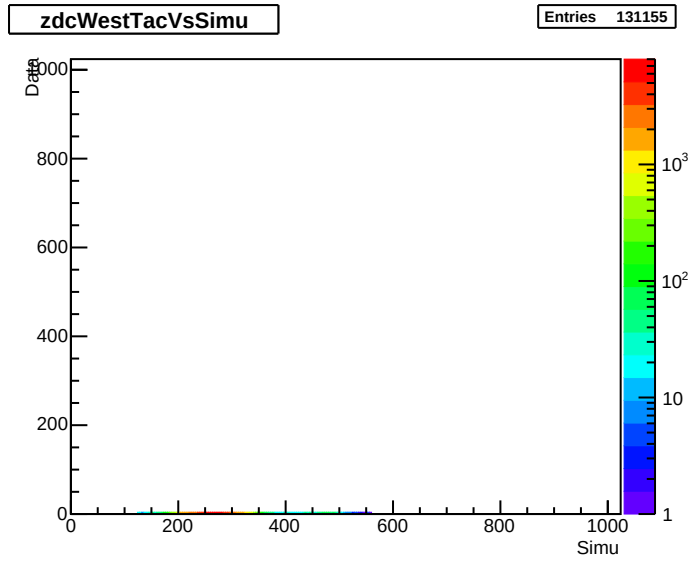

vpdWestTacSum
Entries 3235721

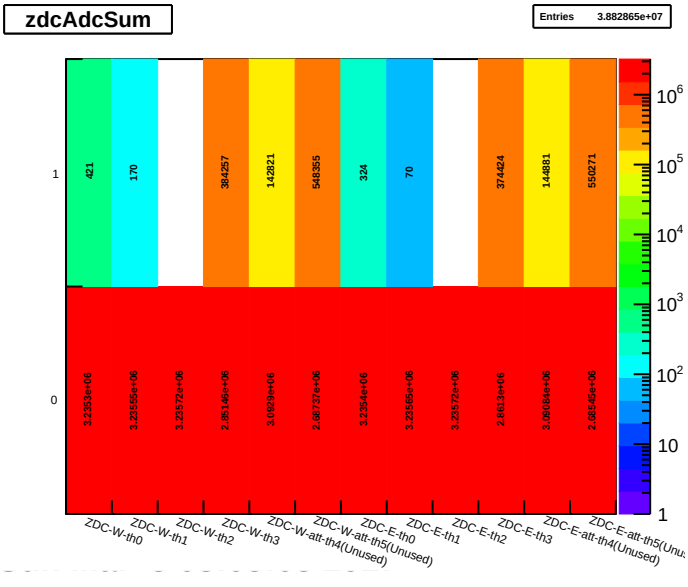

vpdWestTacSumVsSimu
Entries 1812049
Data
Simu

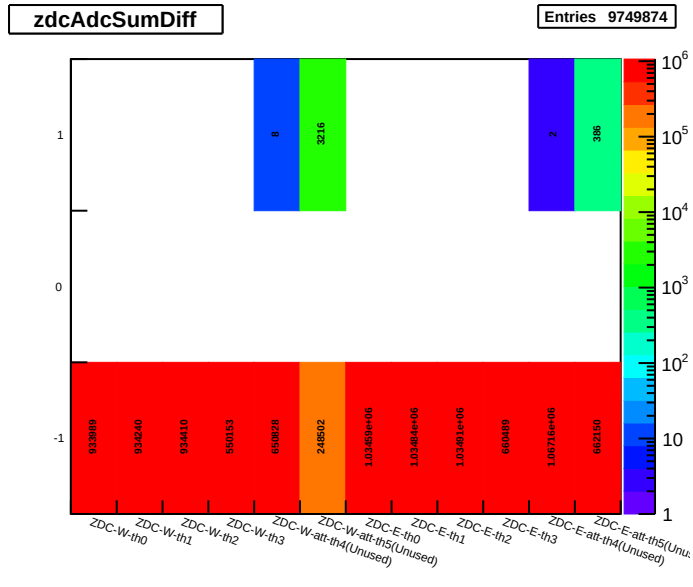

zdcEastTac
Entries 3235721

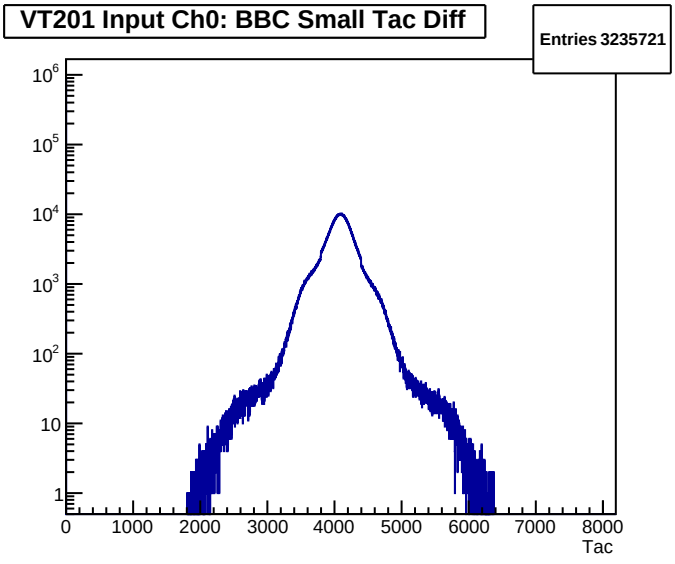

zdcEastTacVsSimu
Entries 162830
Data
Simu

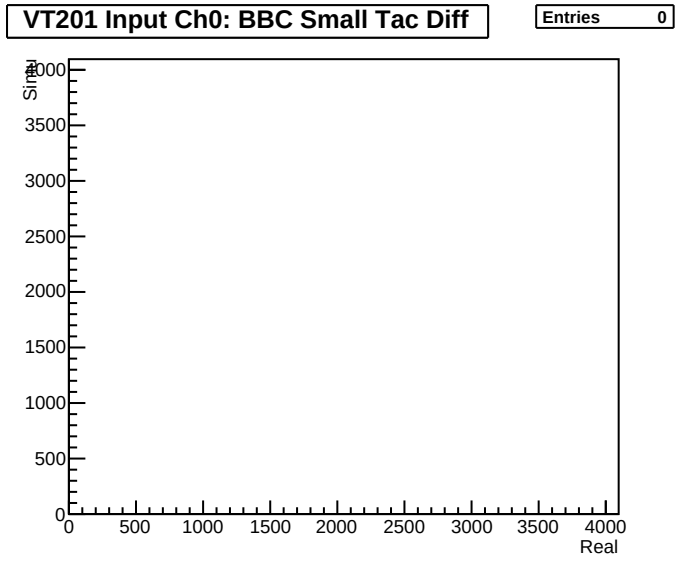

zdcWestTac
Entries 3235721

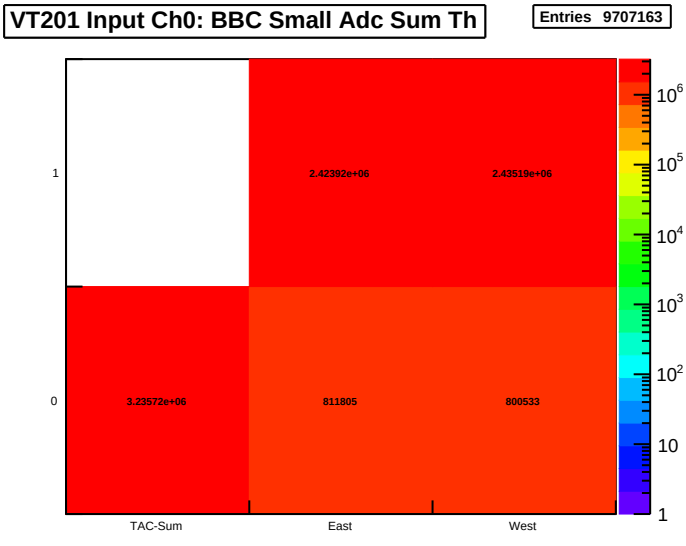

zdcWestTacVsSimu
Entries 131155
Data
Simu

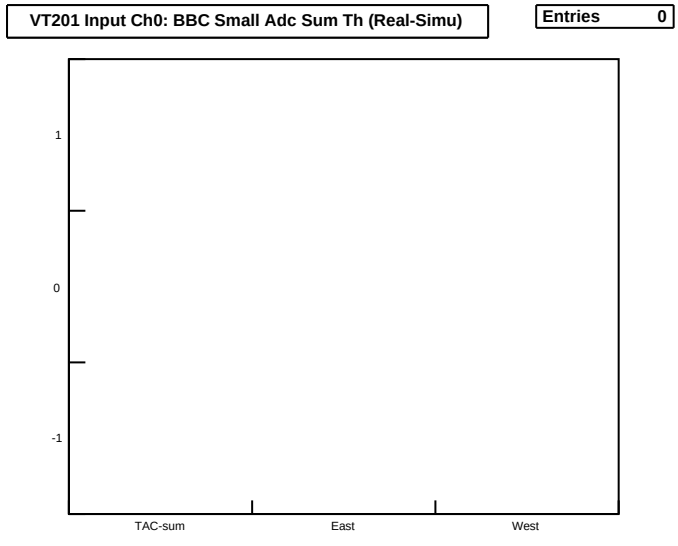

zdcAdcSum
Entries 3.882865e+07
421
170
384257
142821
548355
324
70
374424
144881
550271
3.2353e+06
3.23555e+06
3.22572e+06
2.85146e+06
3.0929e+06
2.68737e+06
3.2354e+06
3.23565e+06
3.23572e+06
2.8613e+06
3.09084e+06
2.88545e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

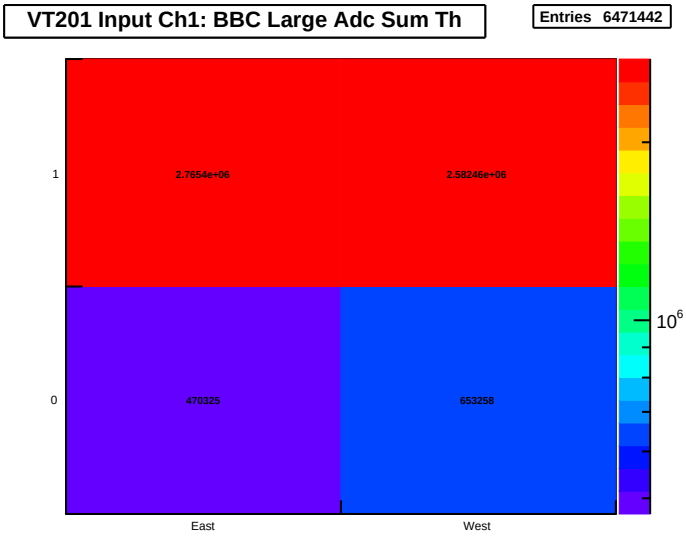

zdcAdcSumDiff
Entries 9749874
8
3216
2
386
933989
934240
934410
550153
650828
248502
1.03459e+06
1.03484e+06
1.03491e+06
660489
1.06716e+06
662150
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

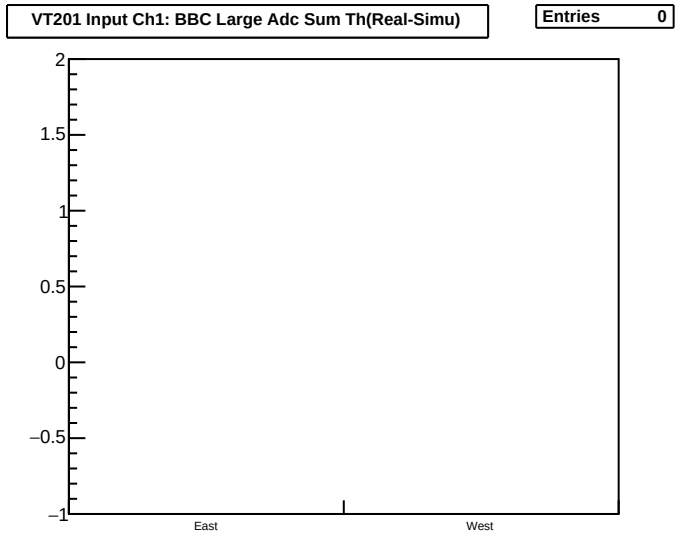

VT201 Input Ch0: BBC Small Tac Diff
Entries 3235721
Tac


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

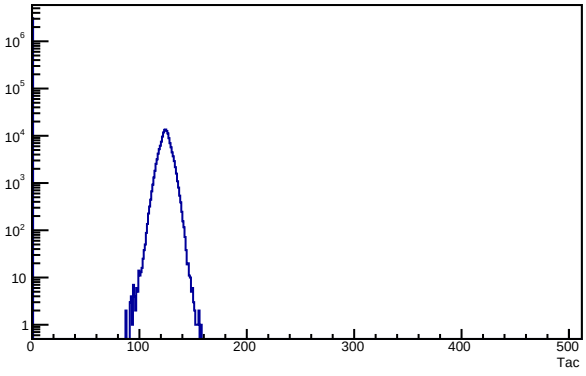

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 9707163
2.42392e+06
2.43519e+06
3.23572e+06
811805
800533
TAC-Sum
East
West


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

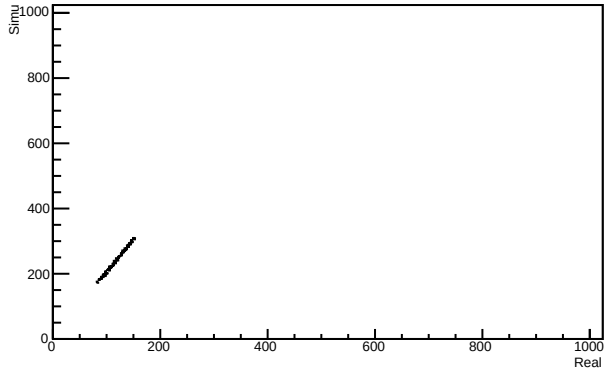

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 6471442
2.7654e+06
2.58246e+06
470325
653258
East
West


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

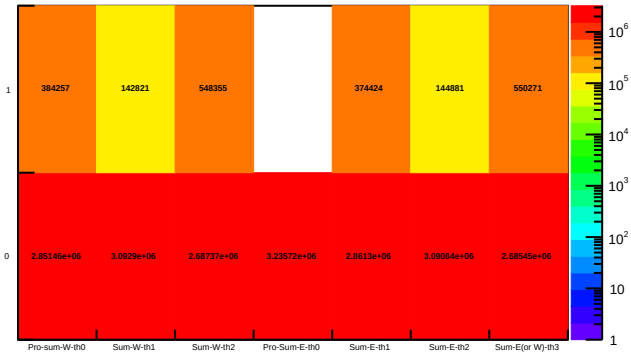
VT201 Input Ch2: ZDC Tac Diff



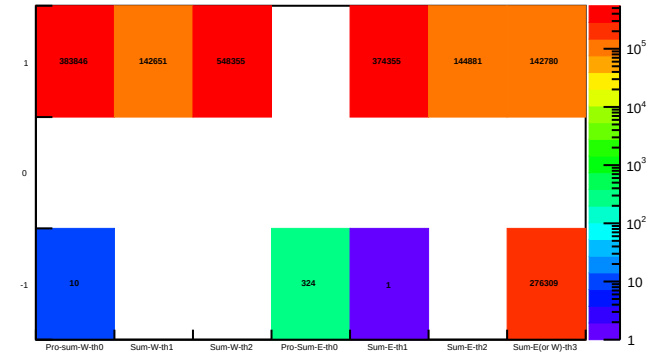
VT201 Input Ch2: ZDC Tac Diff



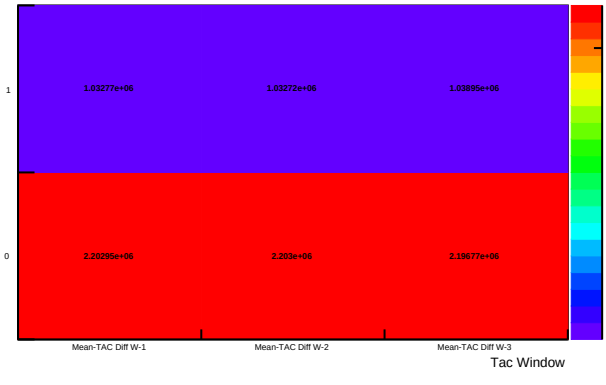
VT201 Input Ch2: ZDC Adc Sum Th



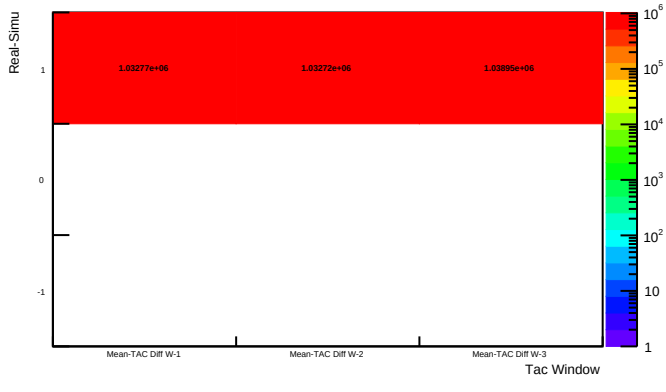
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



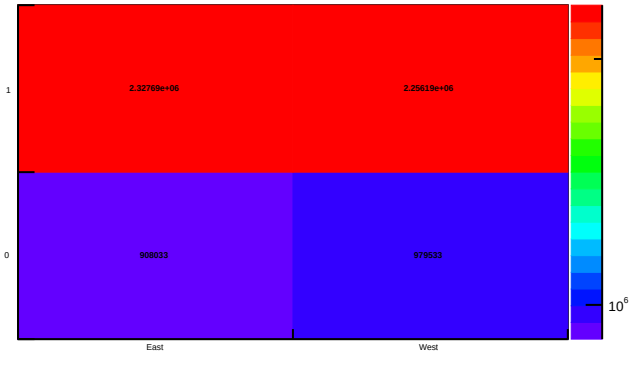
VT201 Input Ch4: VPD Tac Diff



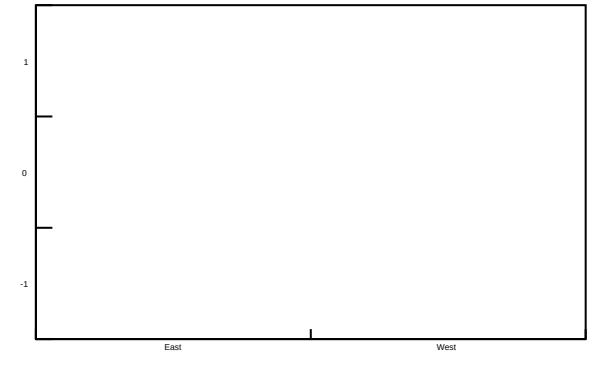
VT201 Input Ch4: VPD Tac Diff

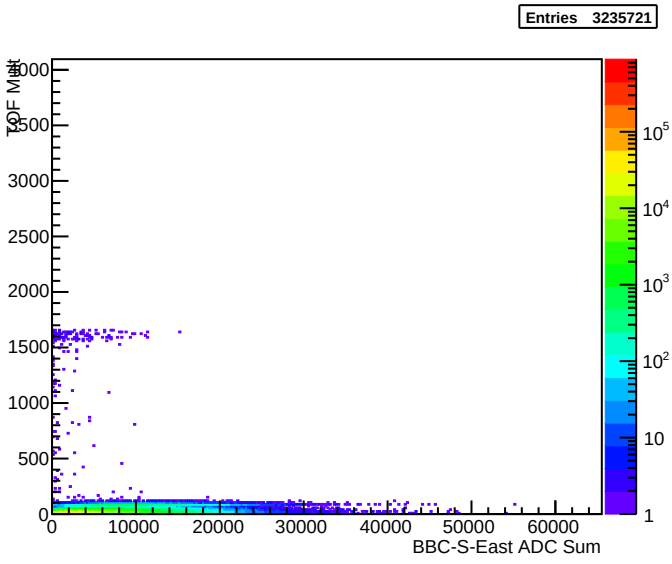


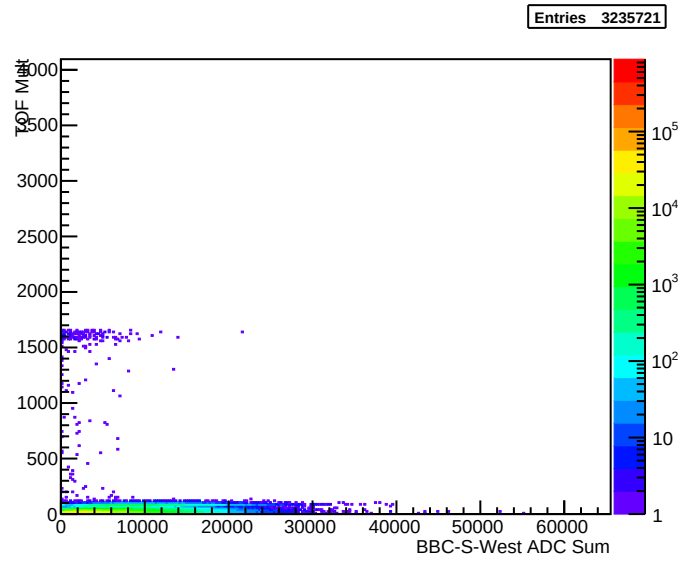
VT201 Input Ch4: VPD Adc Sum Th

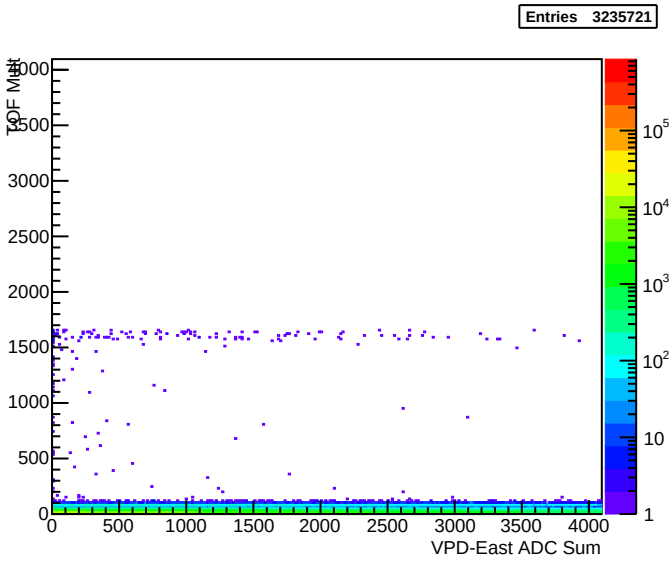


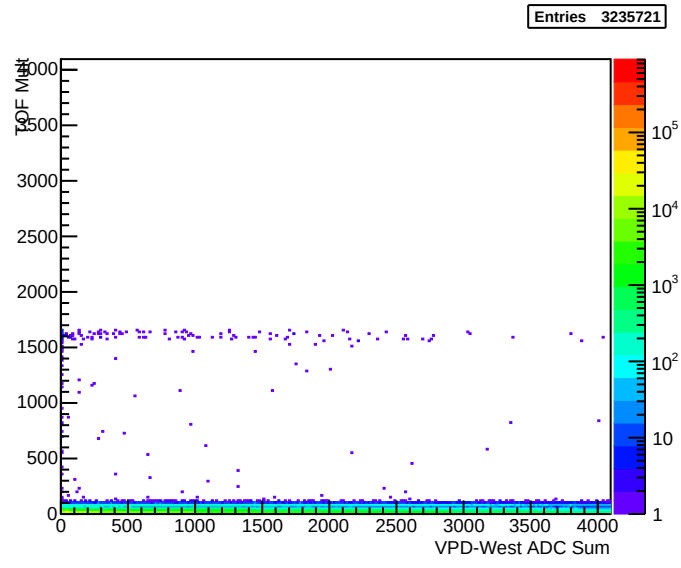
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

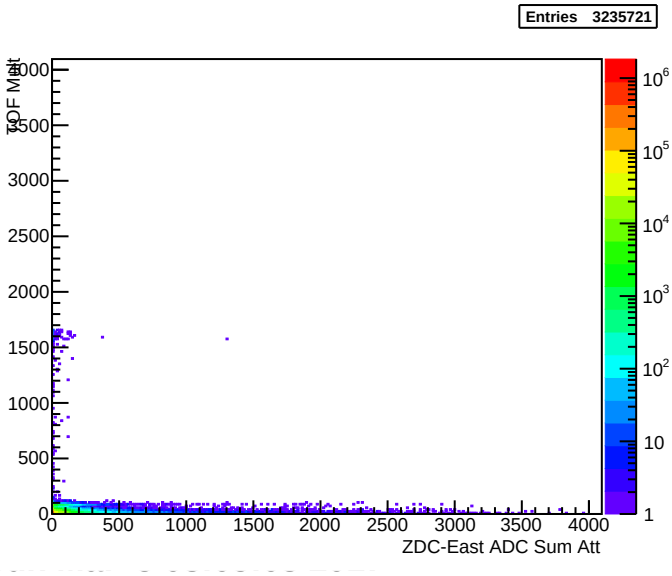


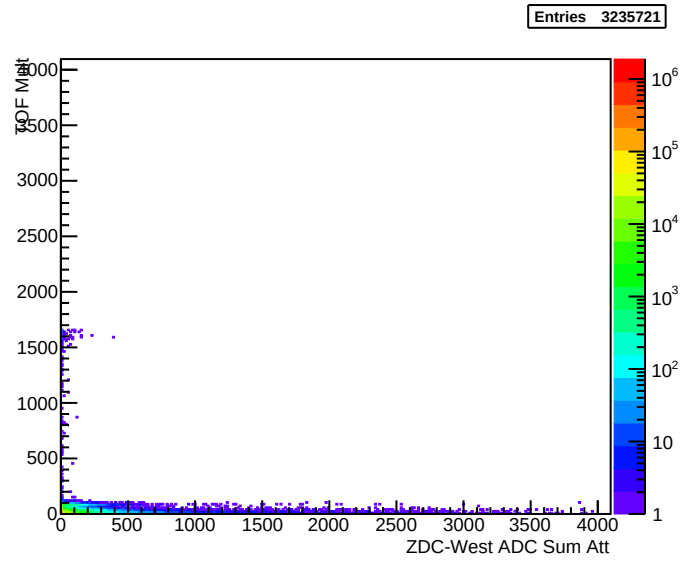

Entries 3235721
TOF Mult
BBC-S-East ADC Sum

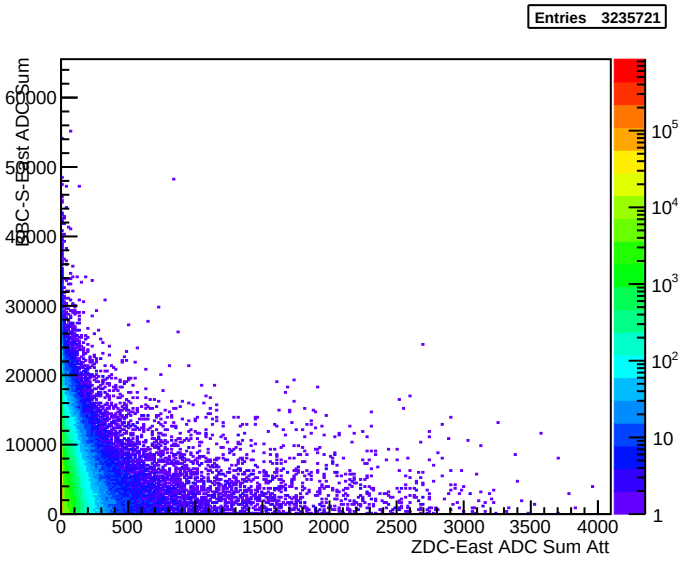

Entries 3235721
TOF Mult
BBC-S-West ADC Sum

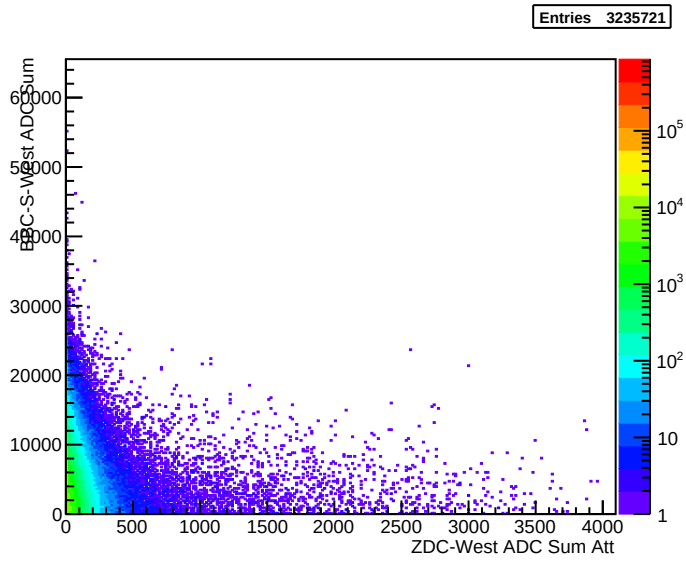

Entries 3235721
TOF Mult
VPD-East ADC Sum

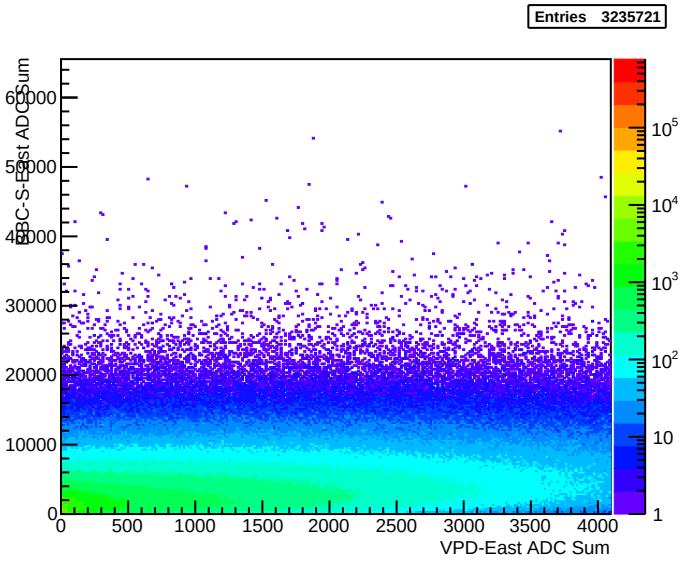

Entries 3235721
TOF Mult
VPD-West ADC Sum

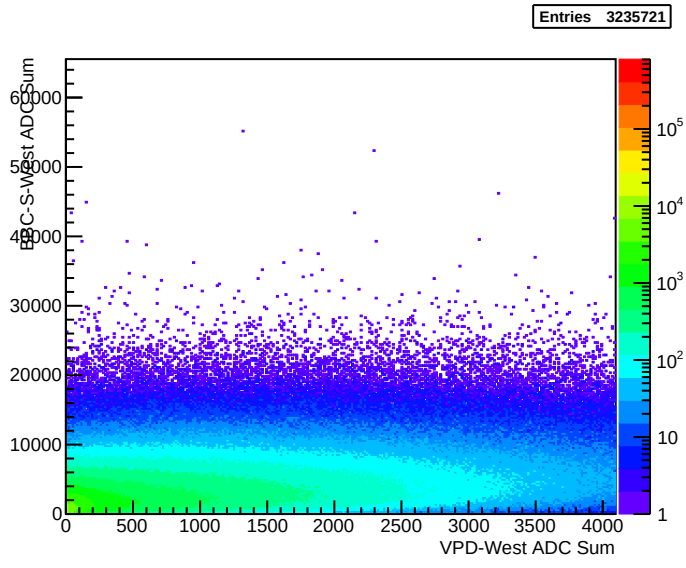

Entries 3235721
TOF Mult
ZDC-East ADC Sum Att

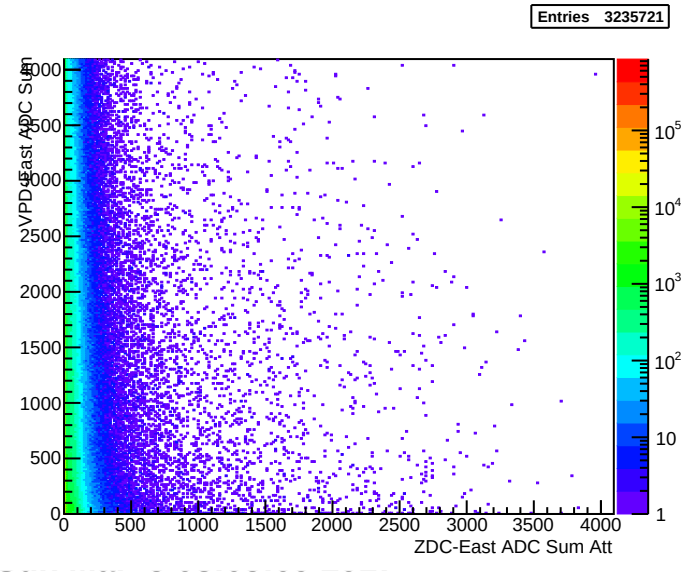

Entries 3235721
TOF Mult
ZDC-West ADC Sum Att

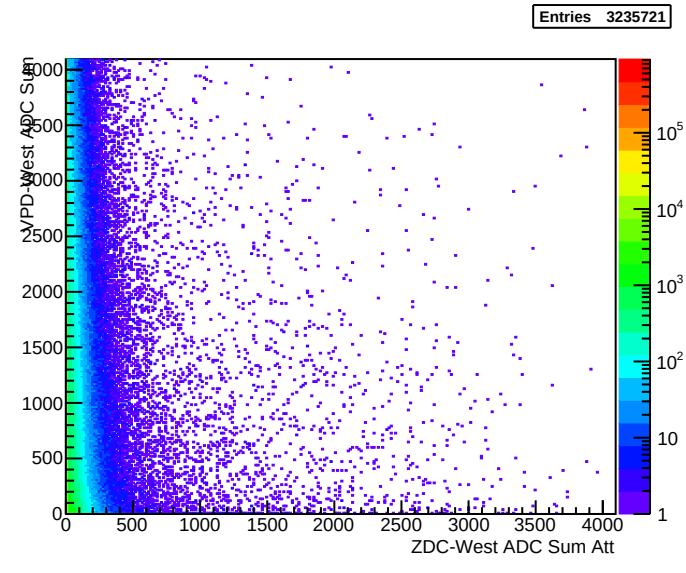

Entries 3235721
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

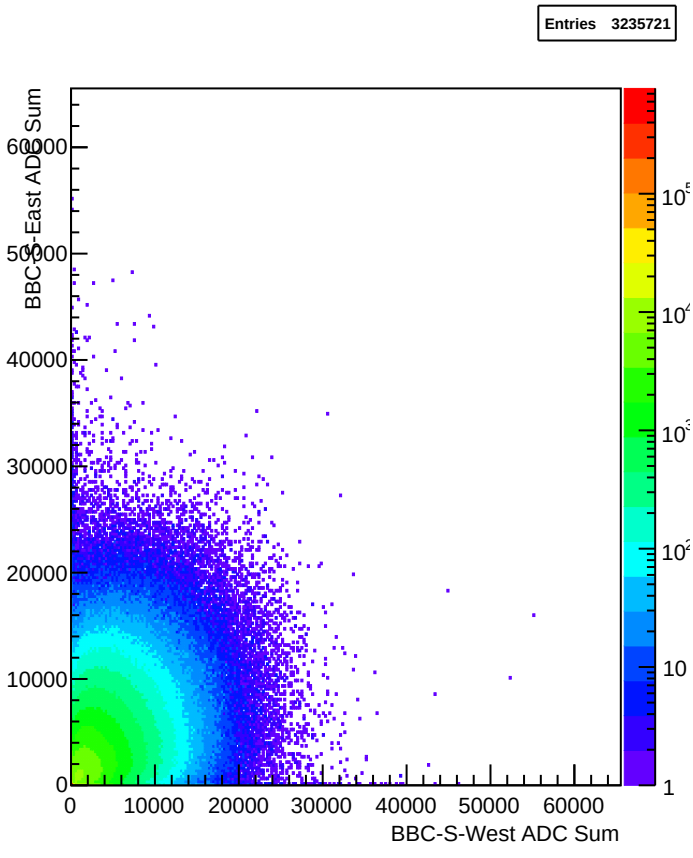

Entries 3235721
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

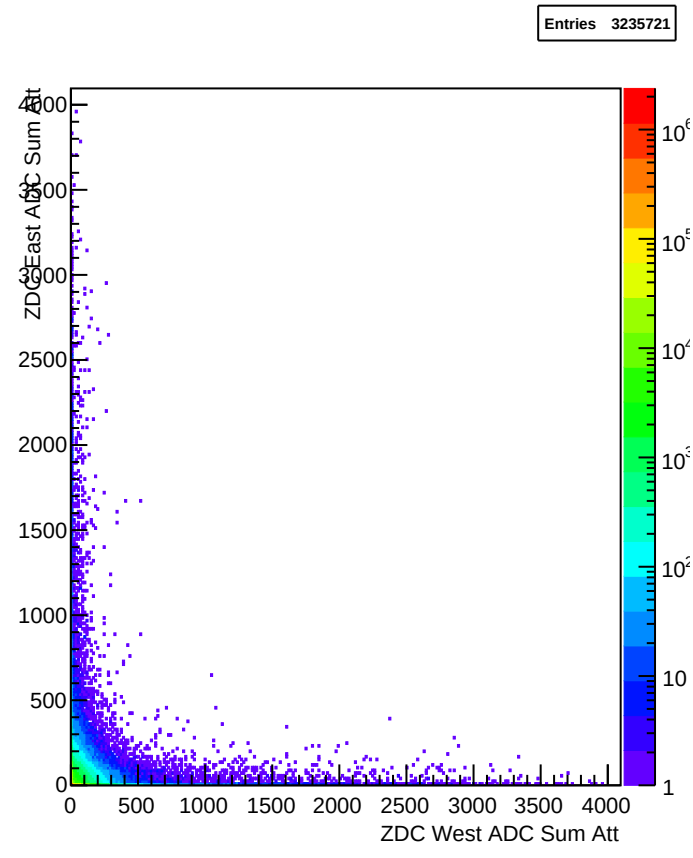

Entries 3235721
BBC-S-East ADC Sum
VPD-East ADC Sum

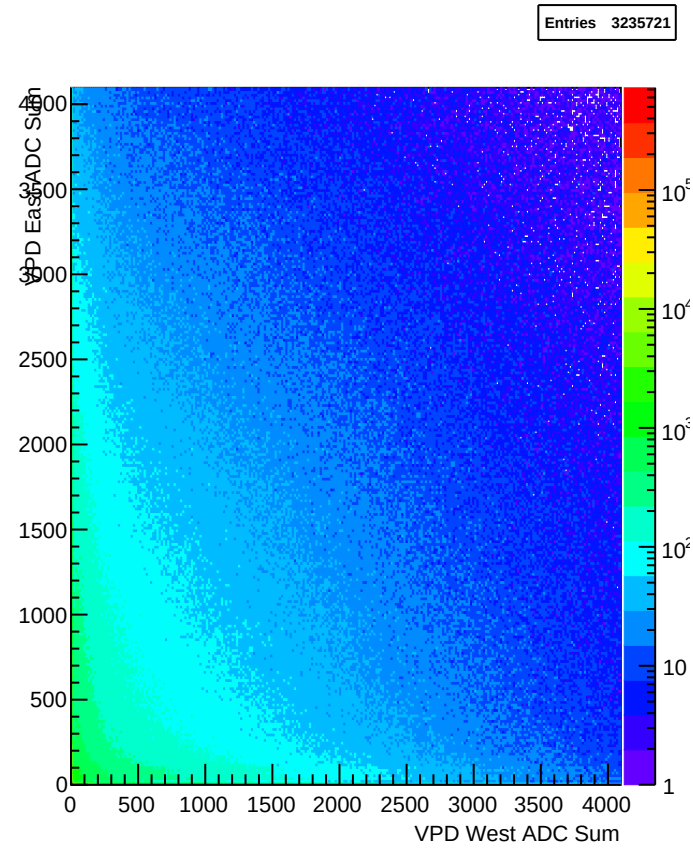

Entries 3235721
BBC-S-West ADC Sum
VPD-West ADC Sum

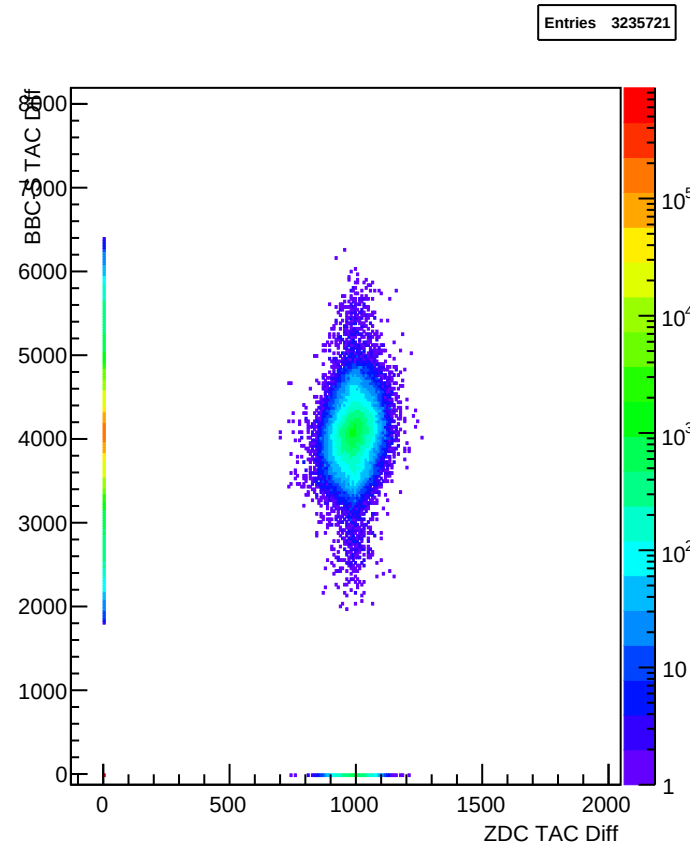

Entries 3235721
VPD-East ADC Sum
ZDC-East ADC Sum Att

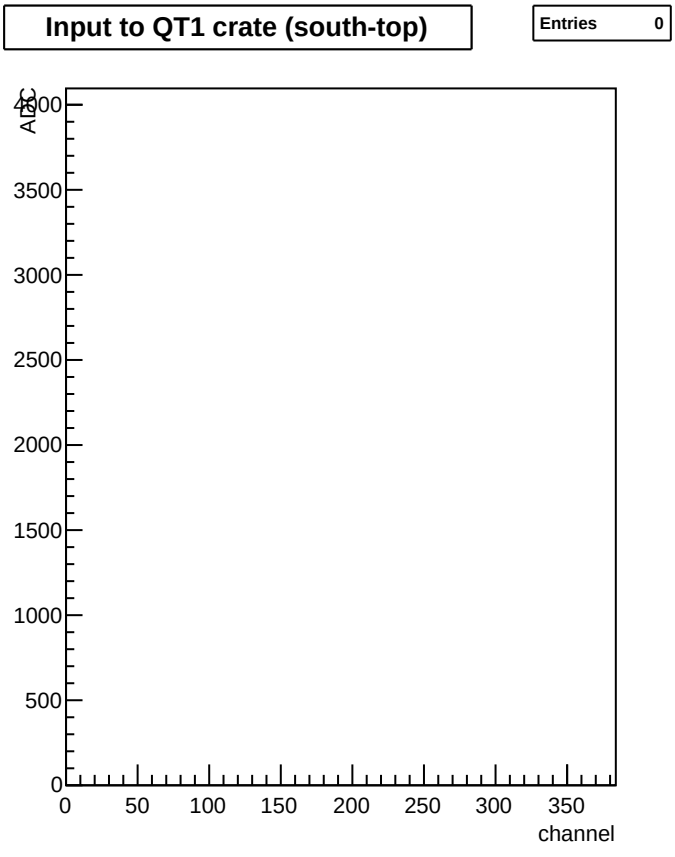

Entries 3235721
VPD-West ADC Sum
ZDC-West ADC Sum Att

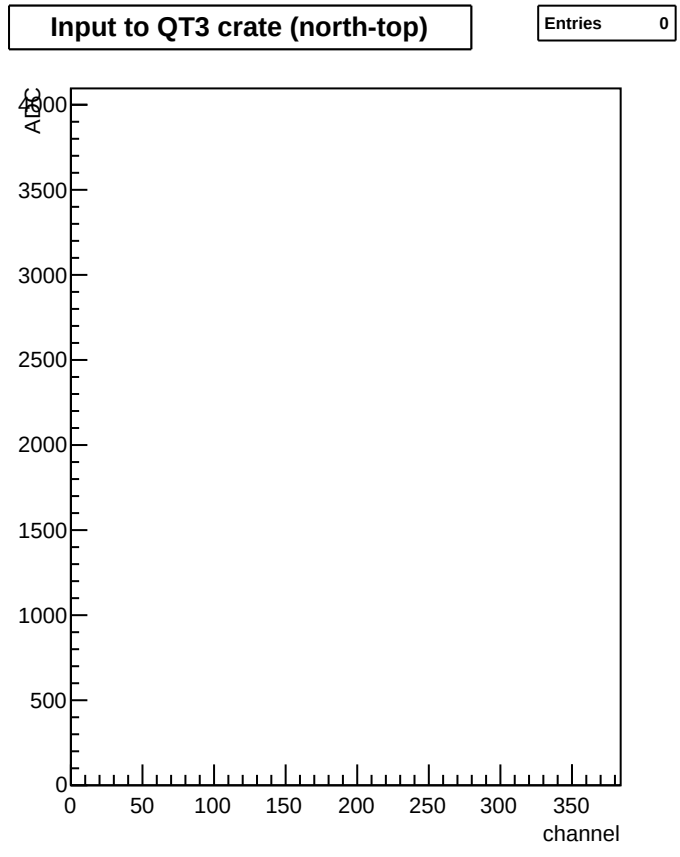

Entries 3235721
BBC-S-East ADC Sum
BBC-S-West ADC Sum

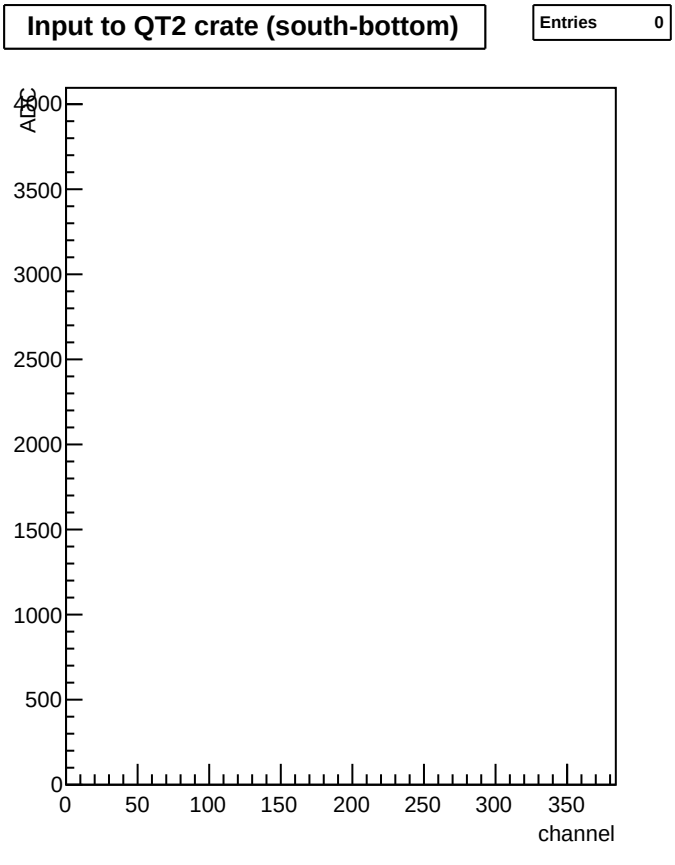

Entries 3235721
ZDC East ADC Sum Att
ZDC West ADC Sum Att

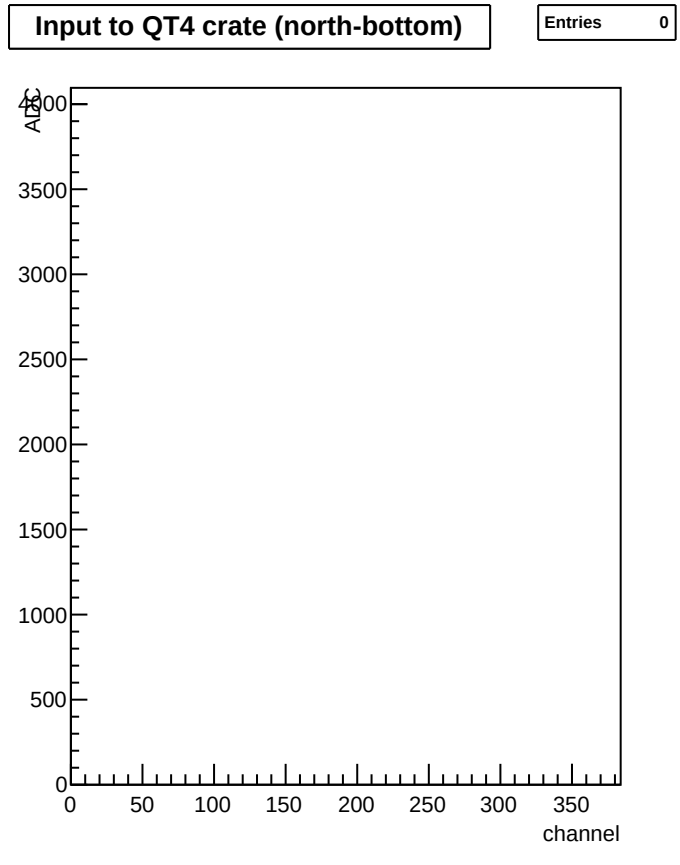

Entries 3235721
VPD East ADC Sum
VPD West ADC Sum

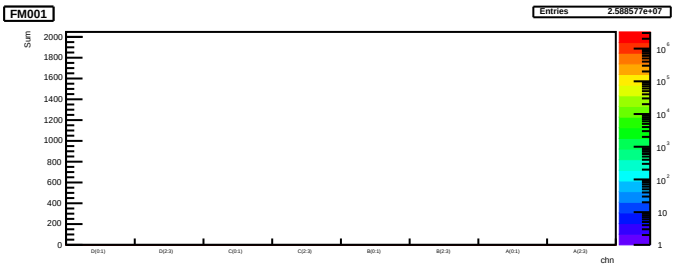

Entries 3235721
BBC-S TAC Diff
ZDC TAC Diff

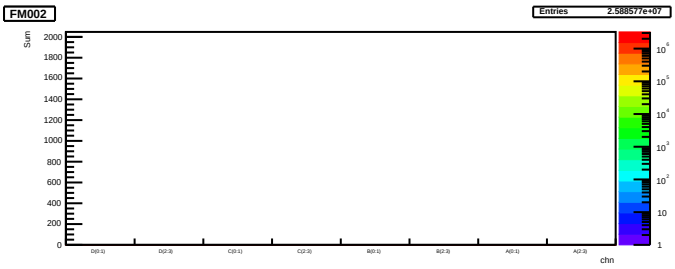

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

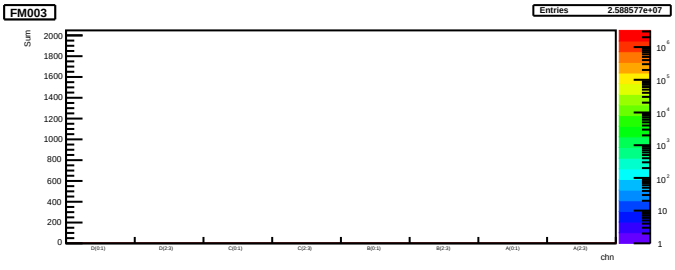

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

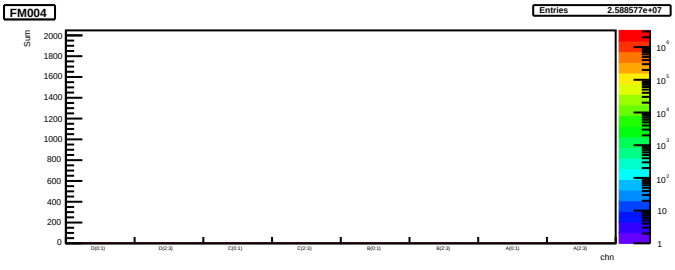

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

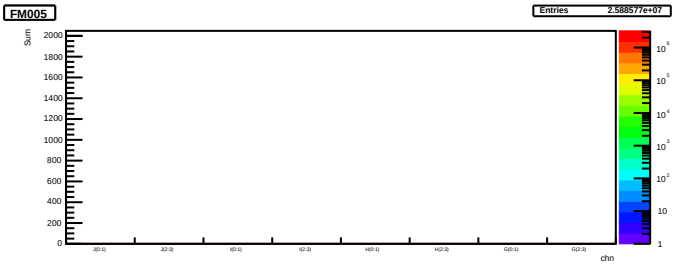

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

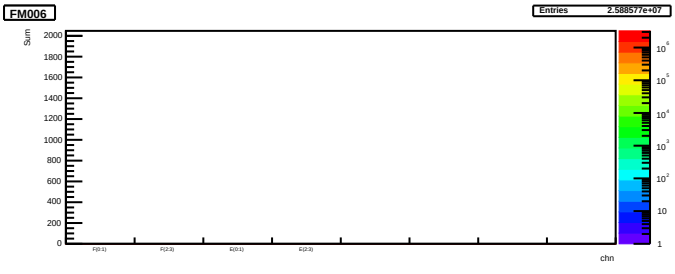

FM001
Entries 2.588577e+07
Sum
chn

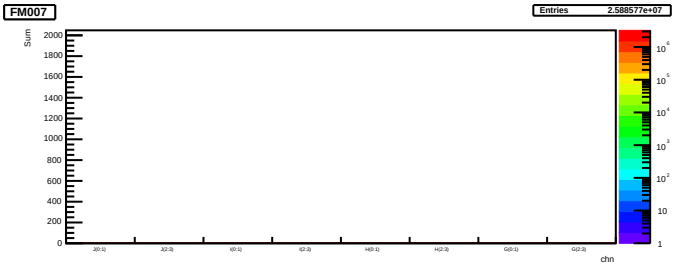

FM002
Entries 2.588577e+07
Sum
chn

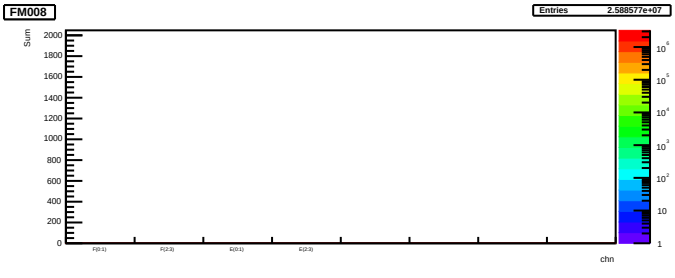

FM003
Entries 2.588577e+07
Sum
chn

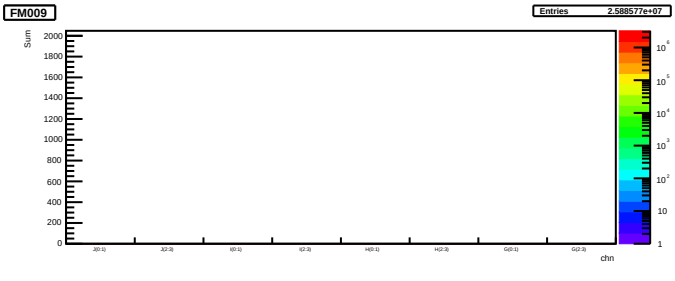

FM004
Entries 2.588577e+07
Sum
chn

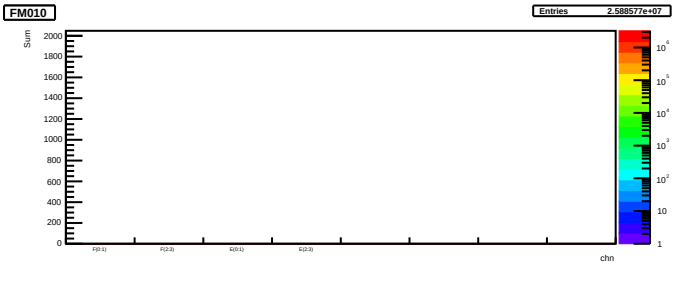

FM005
Entries 2.588577e+07
Sum
chn

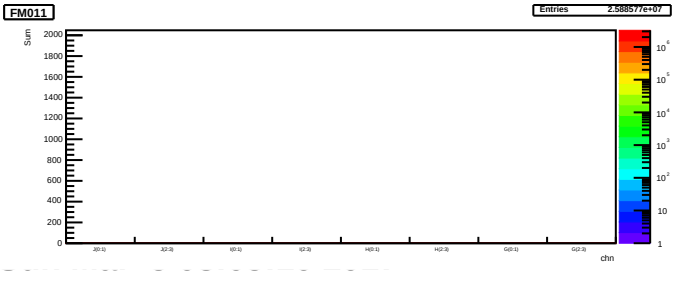

FM006
Entries 2.588577e+07
Sum
chn

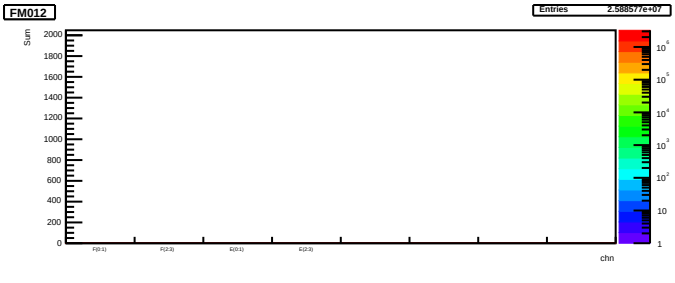

FM007
Entries 2.588577e+07
Sum
chn

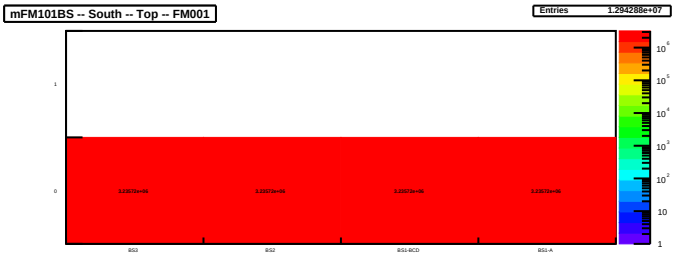

FM008
Entries 2.588577e+07
Sum
chn

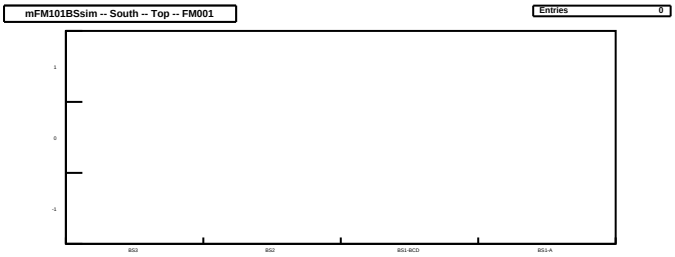

FM009
Entries 2.588577e+07
Sum
chn

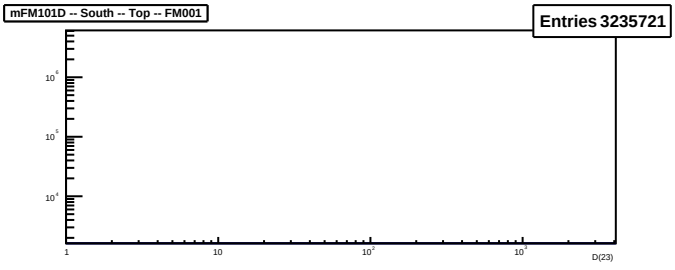

FM010
Entries 2.588577e+07
Sum
chn

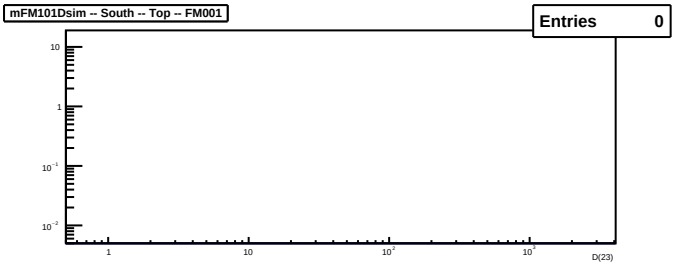

FM011
Entries 2.588577e+07
Sum
chn

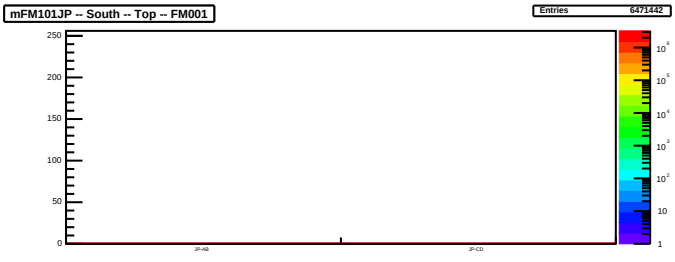

FM012
Entries 2.588577e+07
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 1.294288e+07
BS3
BS2
BS1-BCD
BS1-A

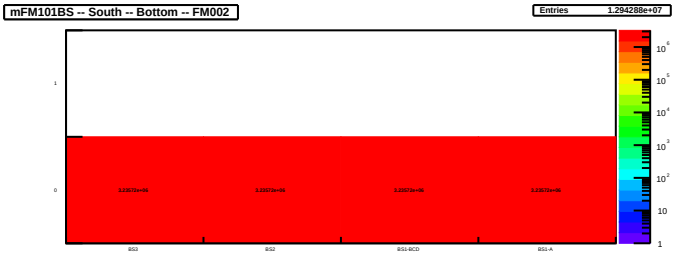

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A

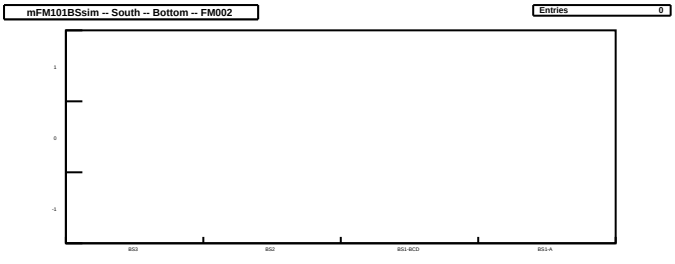

mFM101D -- South -- Top -- FM001
Entries 3235721
D(23)

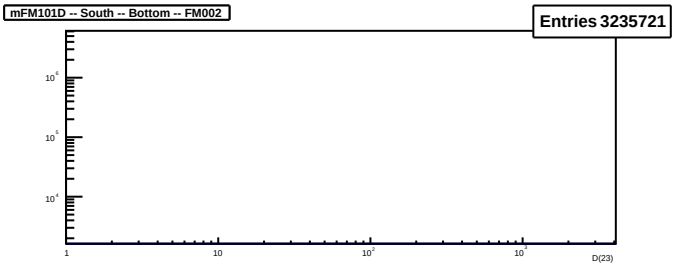

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

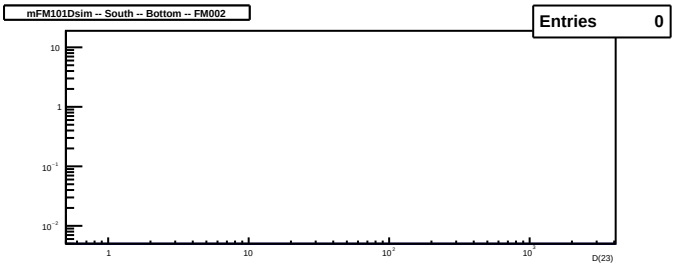

mFM101JP -- South -- Top -- FM001
Entries 6471442
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 1.294288e+07
BS3
BS2
BS1-BCD
BS1-A

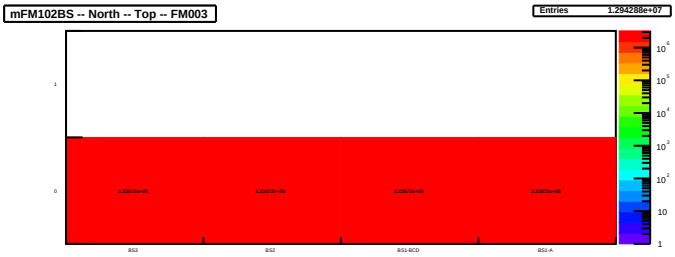

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 3235721
D(23)

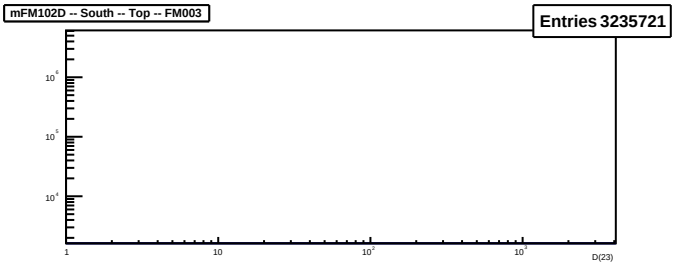

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

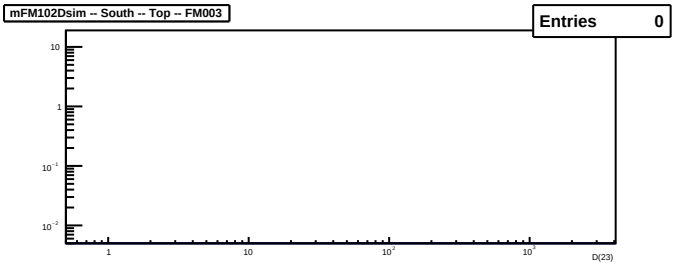
mFM101JP -- South -- Bottom -- FM002
Entries 6471442
JP-AB
JP-CD

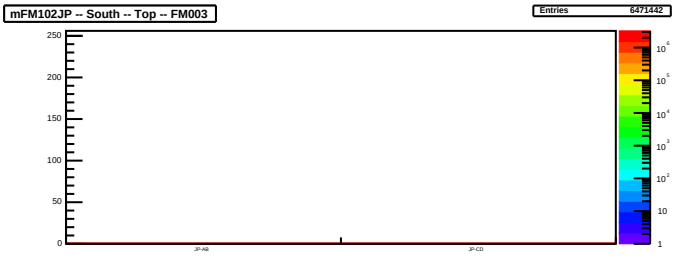
mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1.294288e+07
BS3
BS2
BS1-BCD
BS1-A

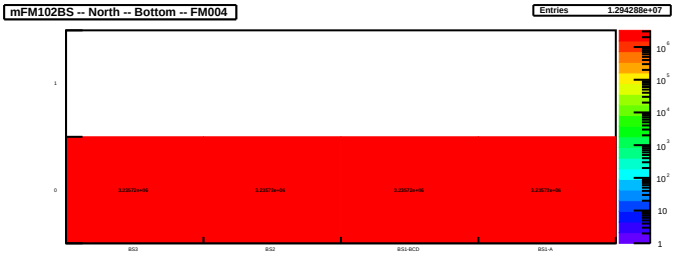
mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A

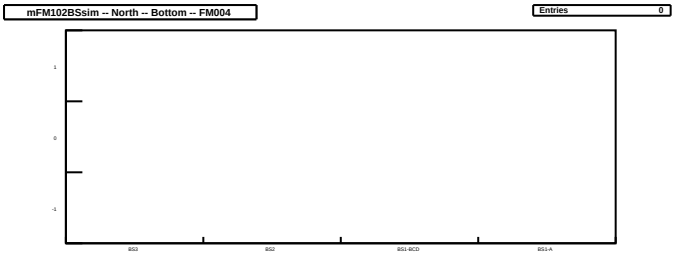

mFM102D -- South -- Top -- FM003
Entries 3235721
D(23)

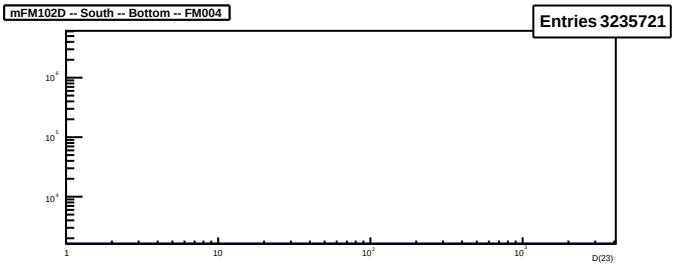

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

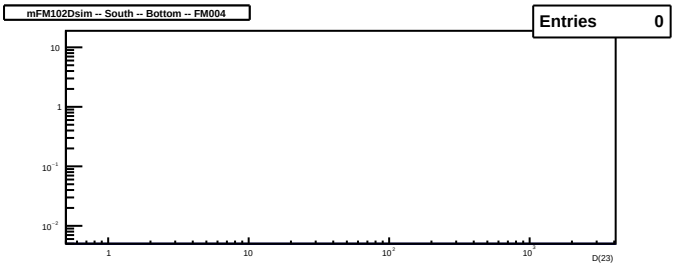

mFM102JP -- South -- Top -- FM003
Entries 6471442
JP-AB
JP-CD

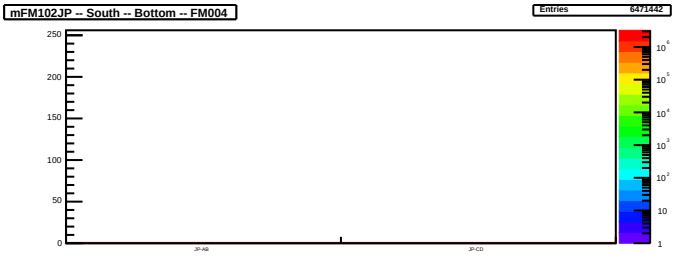
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

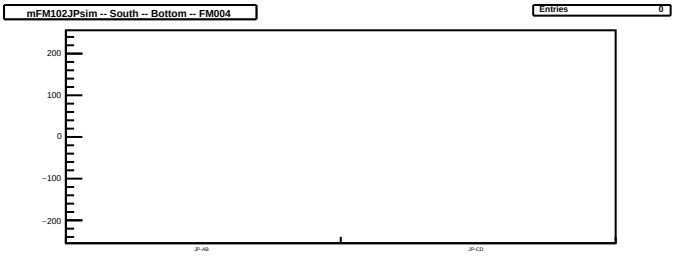

mFM102BS -- North -- Bottom -- FM004
Entries 1.294288e+07
BS3
BS2
BS1-BCD
BS1-A

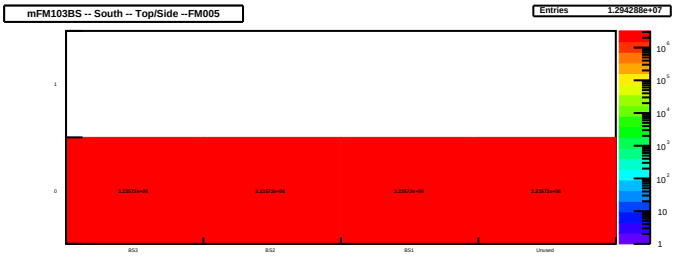

mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A

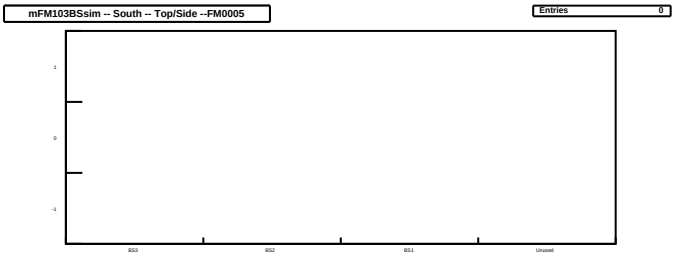

mFM102D -- South -- Bottom -- FM004
Entries 3235721
D(23)

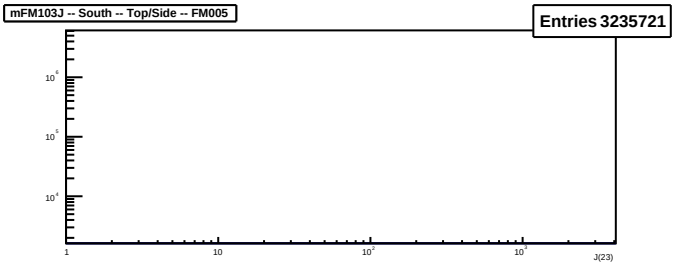

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

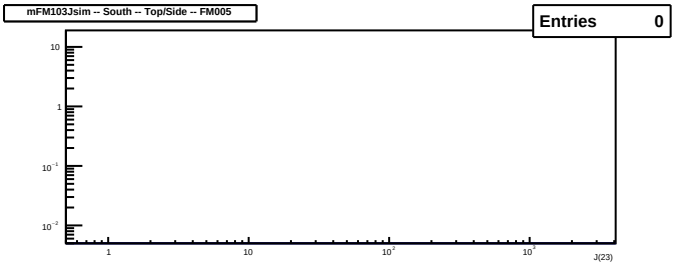

mFM102JP -- South -- Bottom -- FM004
Entries 6471442
JP-AB
JP-CD

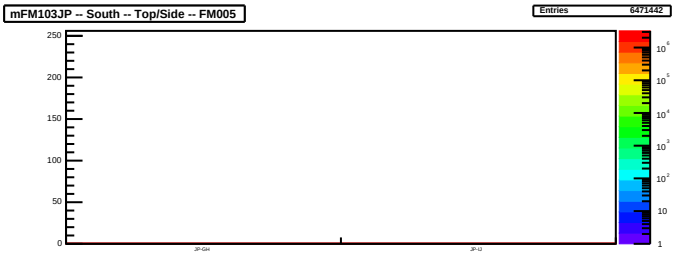

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

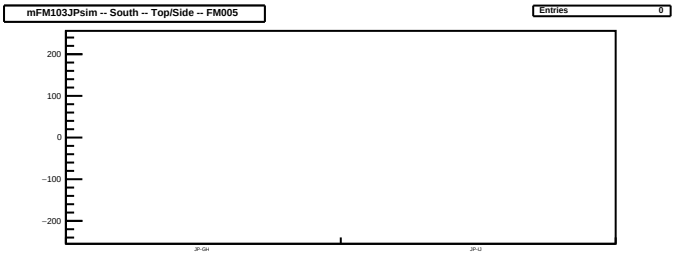

mFM103BS -- South -- Top/Side --FM005
Entries 1.294288e+07
BS3
BS2
BS1
Unused

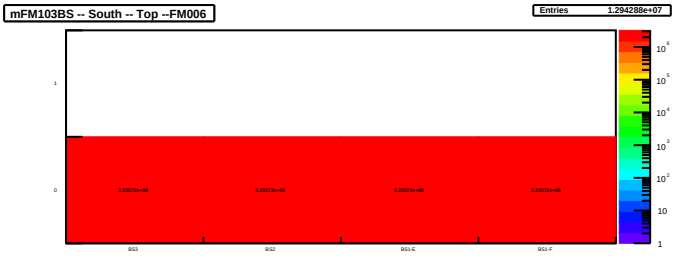

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused

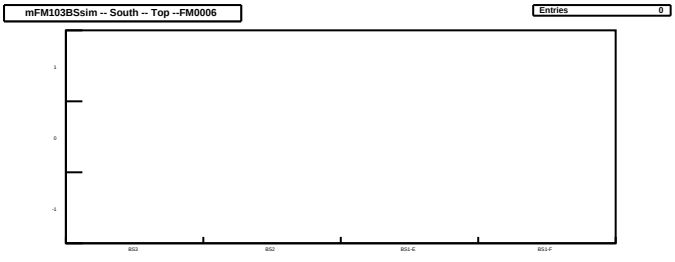

mFM103J -- South -- Top/Side -- FM005
Entries 3235721
J(23)

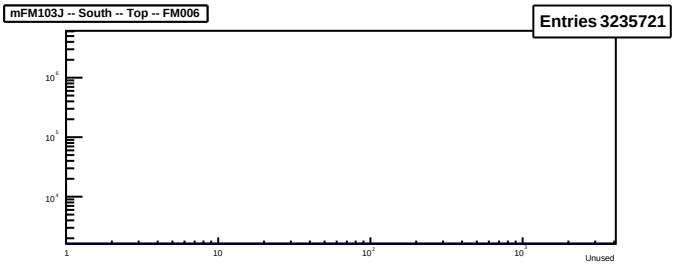

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

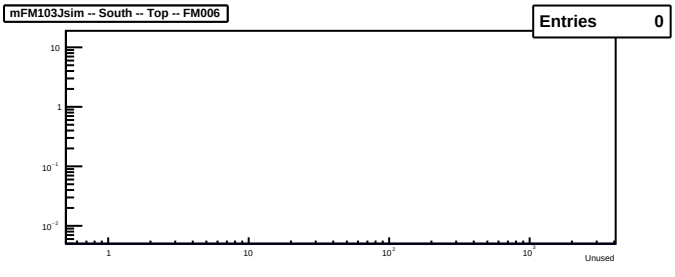

mFM103JP -- South -- Top/Side -- FM005
Entries 6471442
JP-GH
JP-U

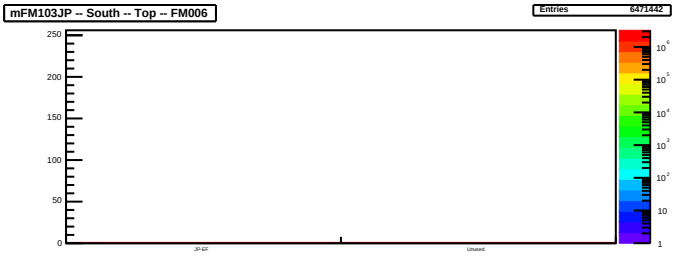

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-U

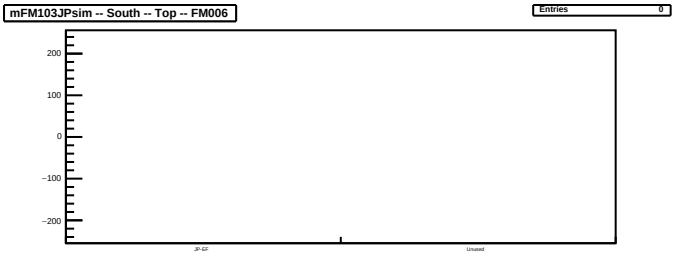

mFM103BS -- South -- Top --FM006
Entries 1.294288e+07
BS3
BS2
BS1-E
BS1-F

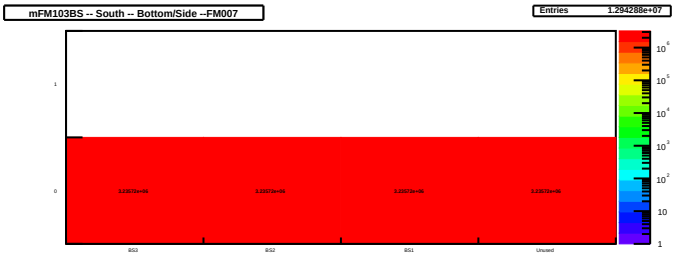

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

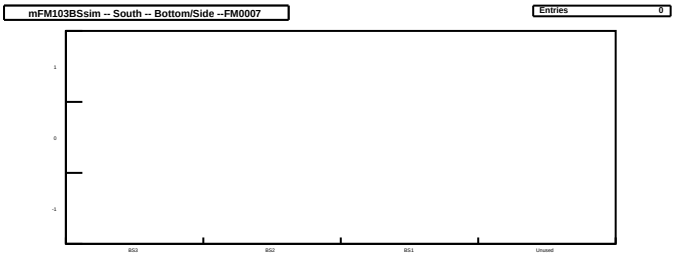

mFM103J -- South -- Top -- FM006
Entries 3235721
Unused

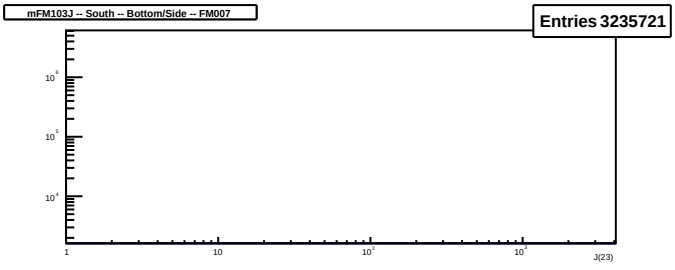

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

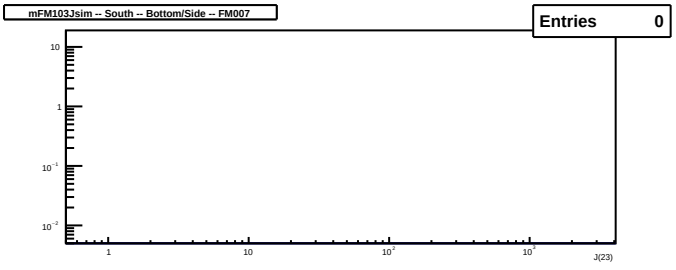

mFM103JP -- South -- Top -- FM006
Entries 6471442
JP-EF
Unused

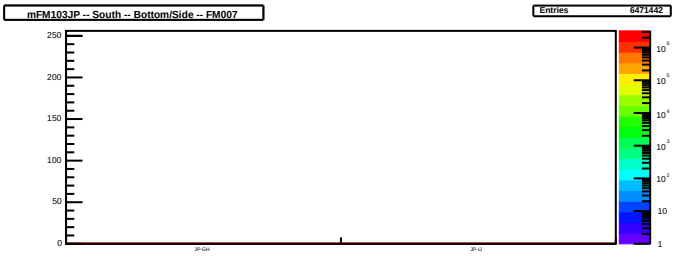

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

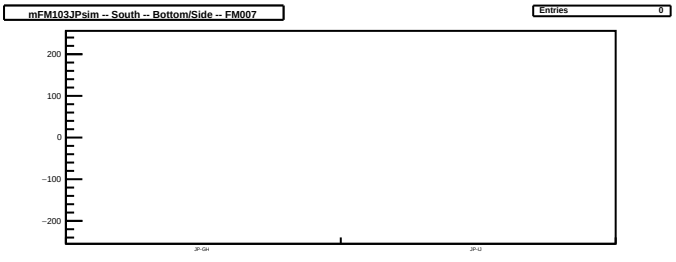

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.294288e+07
3.23572e+06
3.23572e+06
3.23572e+06
3.23572e+06
BS3
BS2
BS1
Unused

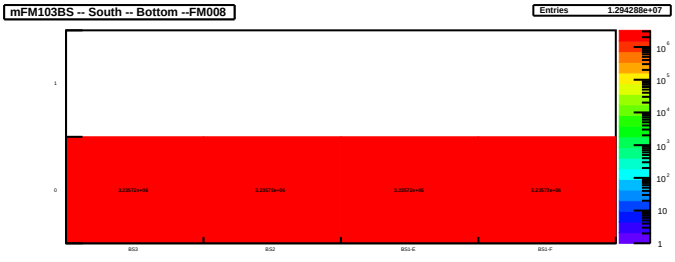

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused

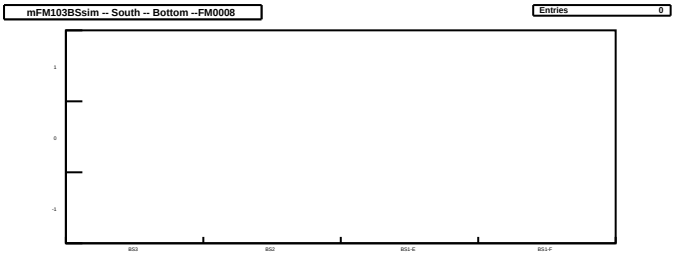

mFM103J -- South -- Bottom/Side -- FM007
Entries 3235721
J(23)

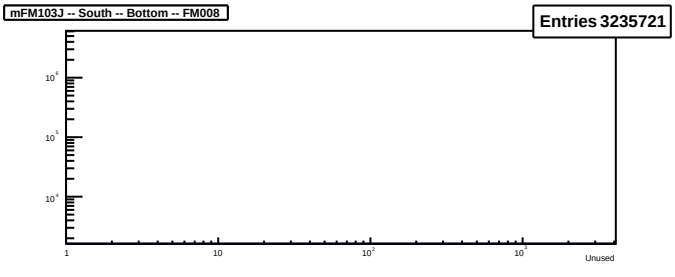

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

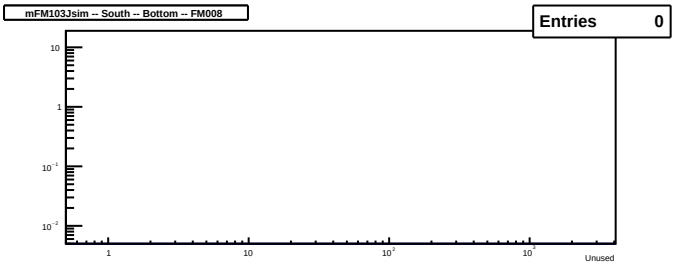

mFM103JP -- South -- Bottom/Side -- FM007
Entries 6471442
JP-GH
JP-IJ


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

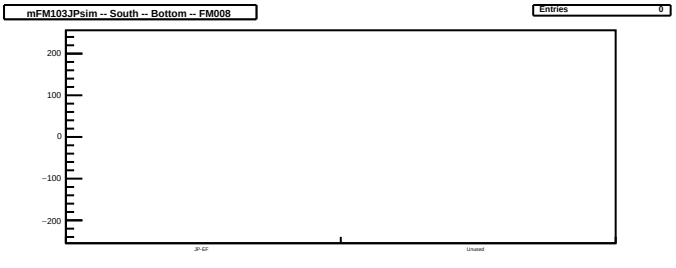

mFM103BS -- South -- Bottom --FM008
Entries 1.294288e+07
3.23572e+06
3.23572e+06
3.23572e+06
3.23572e+06
BS3
BS2
BS1-E
BS1-F

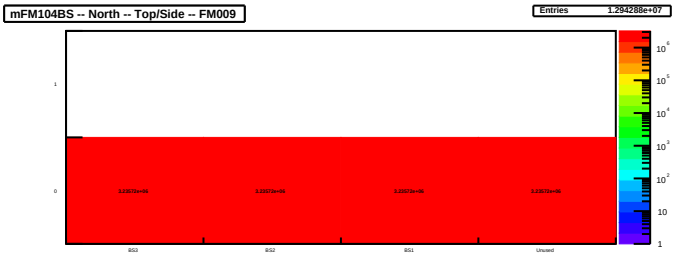

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F

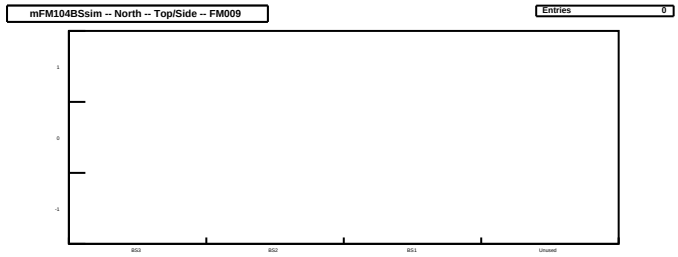

mFM103J -- South -- Bottom -- FM008
Entries 3235721
Unused

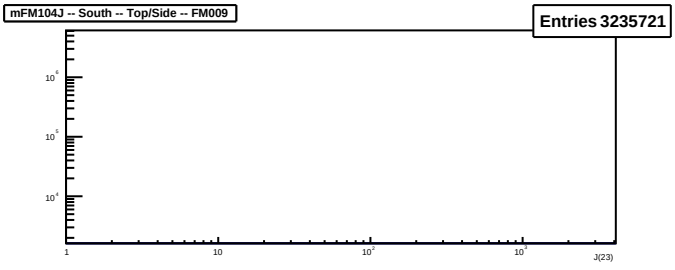

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

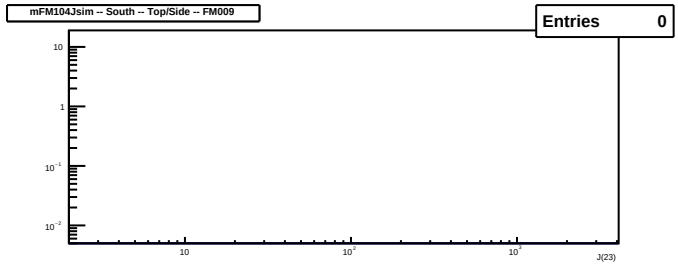
mFM103JP -- South -- Bottom -- FM008
Entries 6471442
JP-EF
Unused

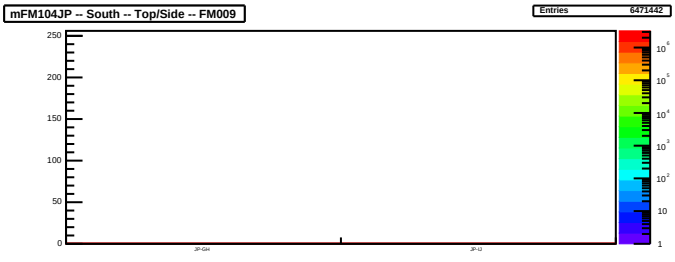

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

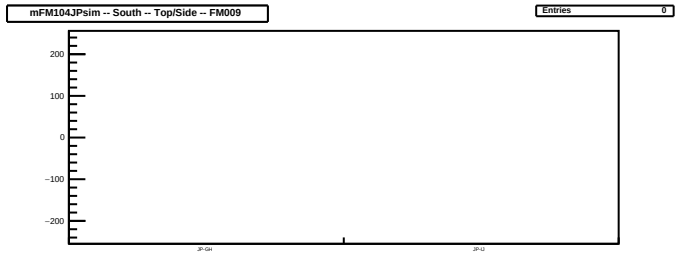

mFM104BS -- North -- Top/Side -- FM009
Entries 1.294288e+07
3.23572e+06
3.23572e+06
3.23572e+06
3.23572e+06
BS3
BS2
BS1
Unused

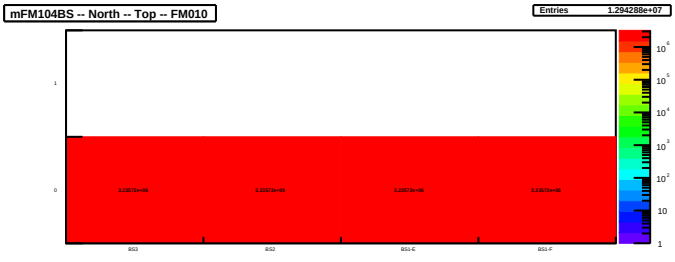

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

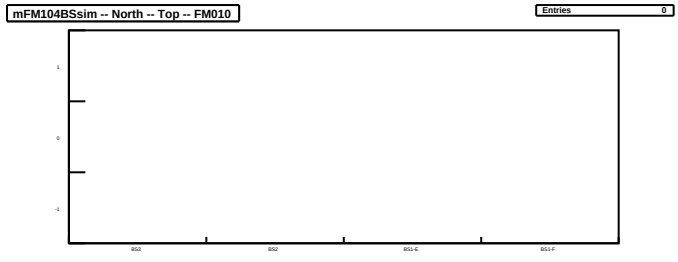

mFM104J -- South -- Top/Side -- FM009
Entries 3235721
J(23)

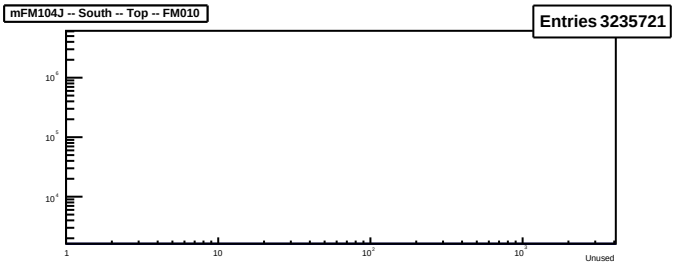

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

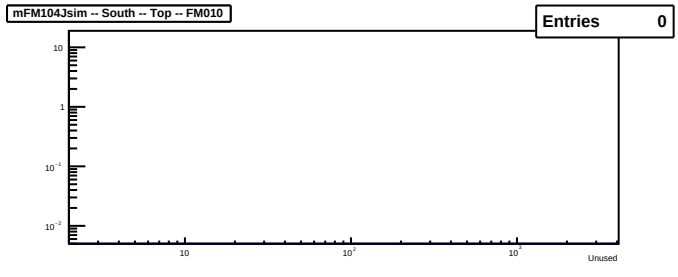

mFM104JP -- South -- Top/Side -- FM009
Entries 6471442
JP-GH
JP-U

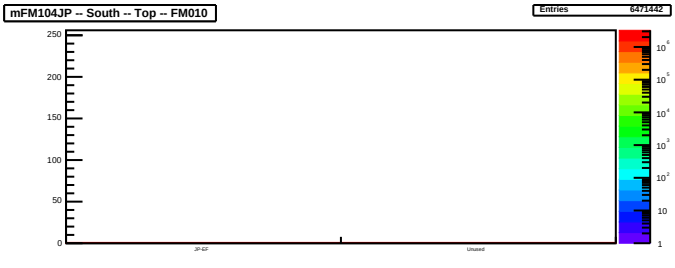

mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-U


mFM104BS -- North -- Top -- FM010
Entries 1.294288e+07
3.23572e+06
3.23572e+06
3.23572e+06
3.23572e+06
BS3
BS2
BS1-E
BS1-F

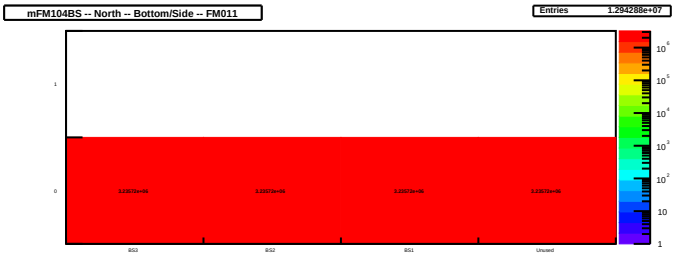

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

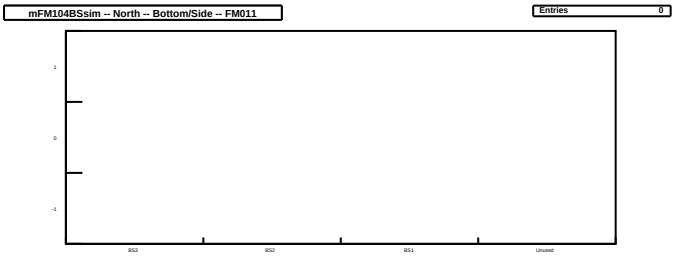

mFM104J -- South -- Top -- FM010
Entries 3235721
Unused

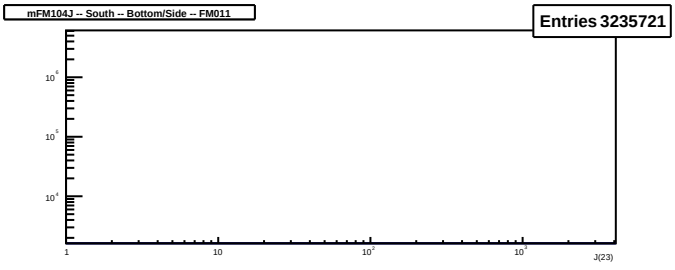

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

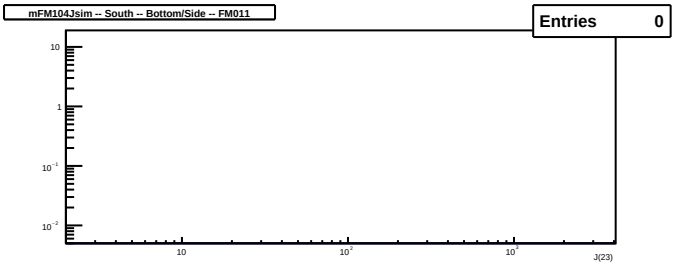

mFM104JP -- South -- Top -- FM010
Entries 6471442
JP-EF
Unused

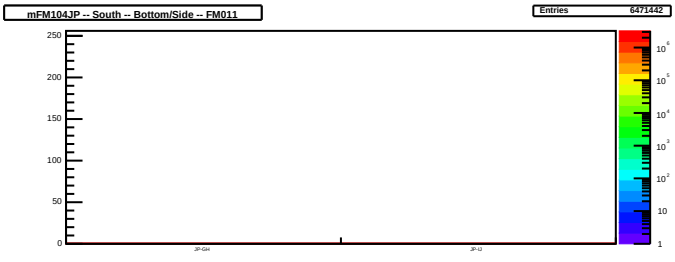
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

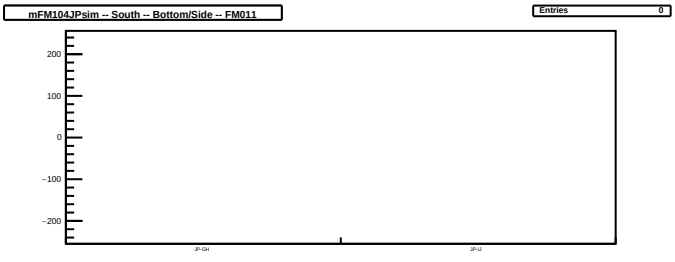

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.294288e+07
BS3
BS2
BS1
Unused

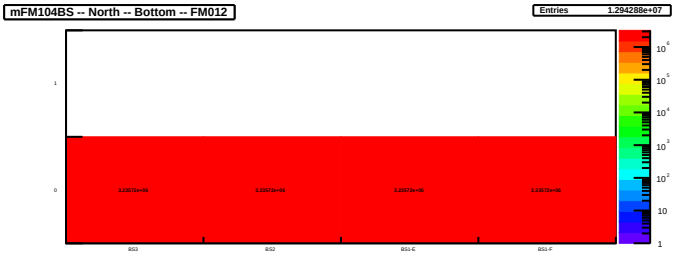

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

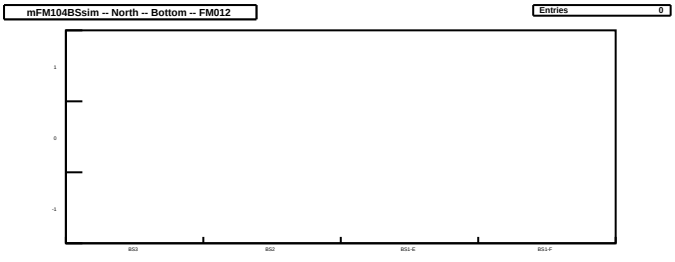

mFM104J -- South -- Bottom/Side -- FM011
Entries 3235721
J(23)

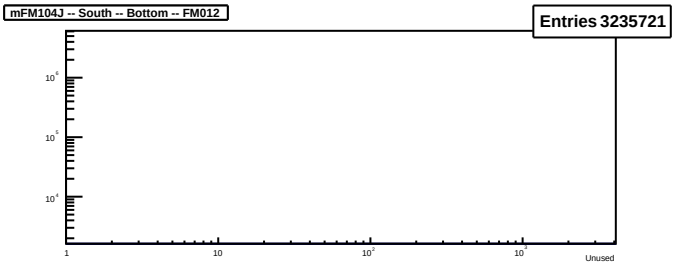

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

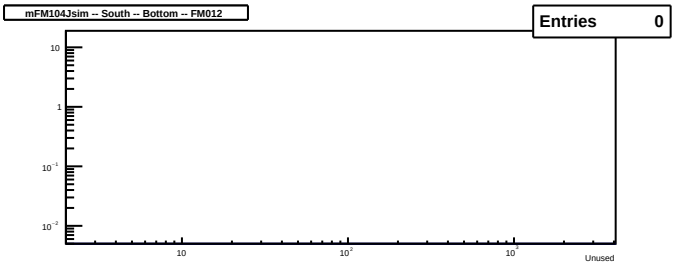

mFM104JP -- South -- Bottom/Side -- FM011
Entries 6471442
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 1.294288e+07
BS3
BS2
BS1-E
BS1-F

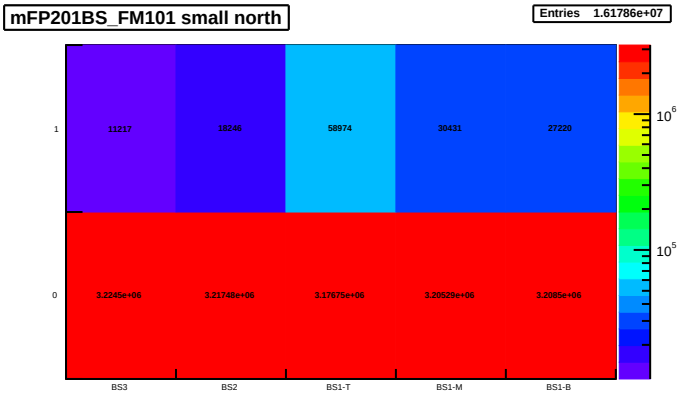

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

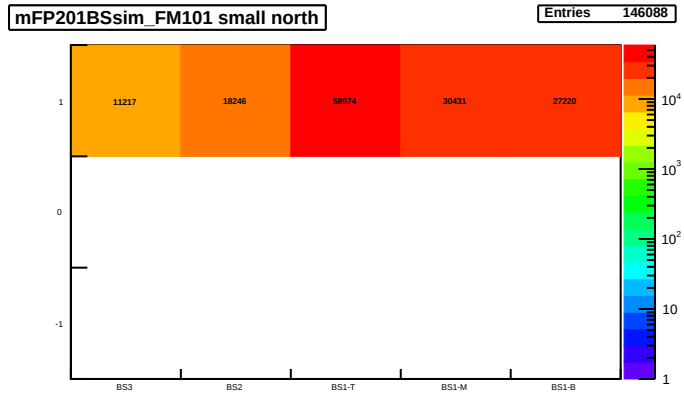

mFM104J -- South -- Bottom -- FM012
Entries 3235721
Unused

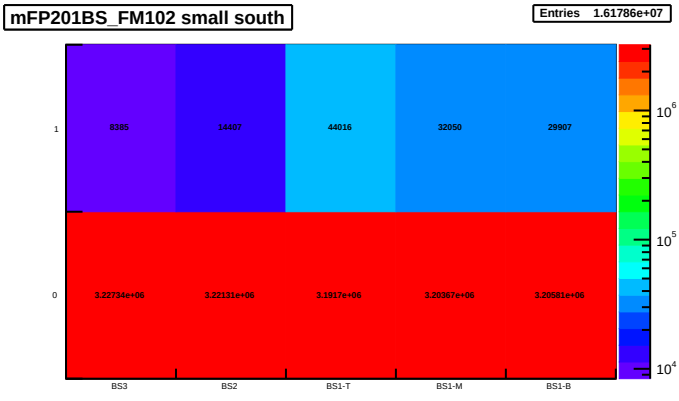

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

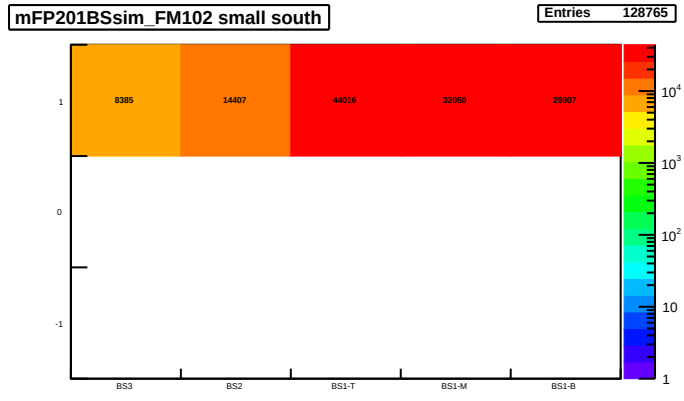
mFM104JP -- South -- Bottom -- FM012
Entries 6471442
JP-EF
Unused

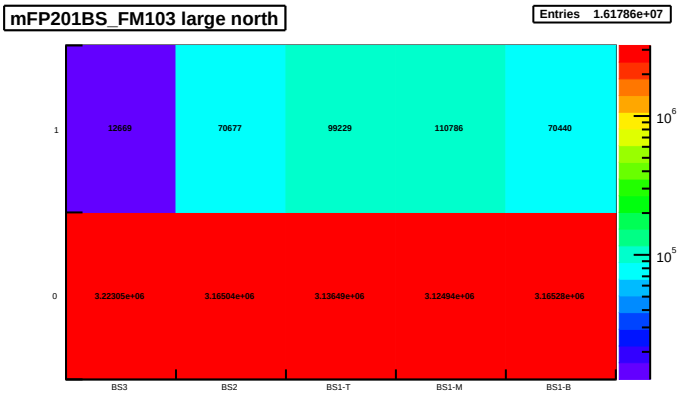
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

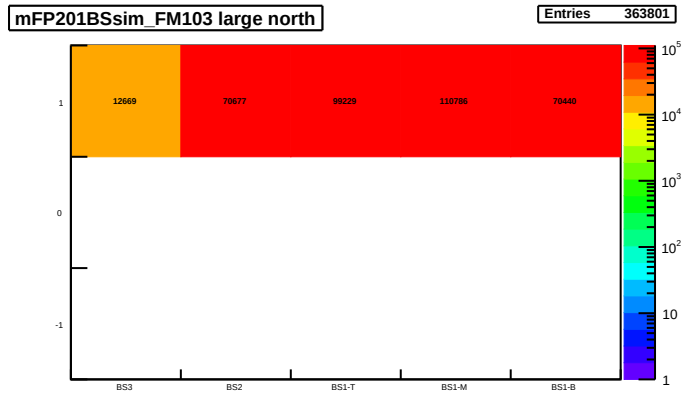

mFP201BS_FM101 small north
Entries 1.61786e+07
11217
18246
58974
30431
27220
3.2245e+06
3.21748e+06
3.17675e+06
3.20529e+06
3.2085e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

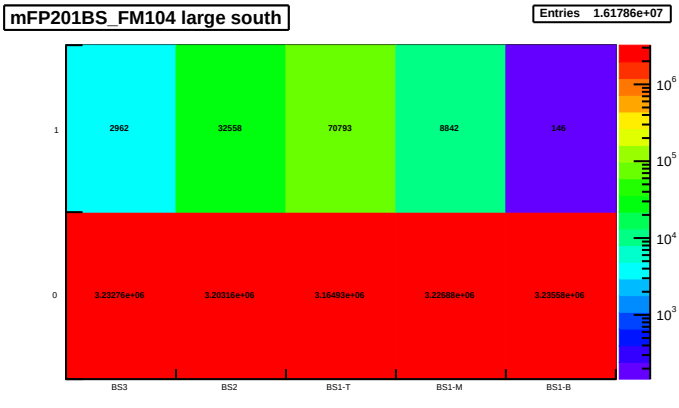

mFP201BSsim_FM101 small north
Entries 146088
11217
18246
58974
30431
27220
BS3
BS2
BS1-T
BS1-M
BS1-B

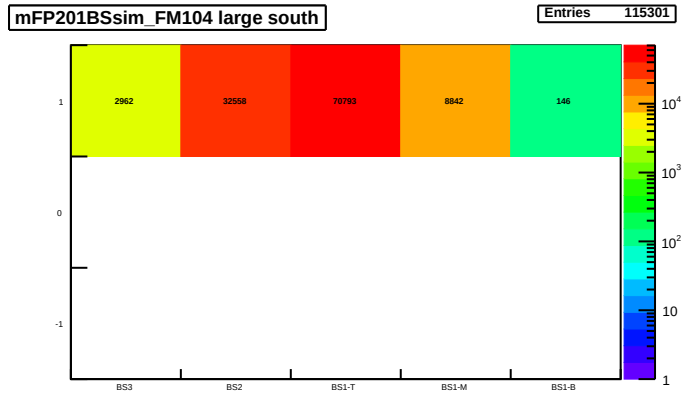

mFP201BS_FM102 small south
Entries 1.61786e+07
8385
14407
44016
32050
29907
3.22734e+06
3.22131e+06
3.1917e+06
3.20367e+06
3.20581e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

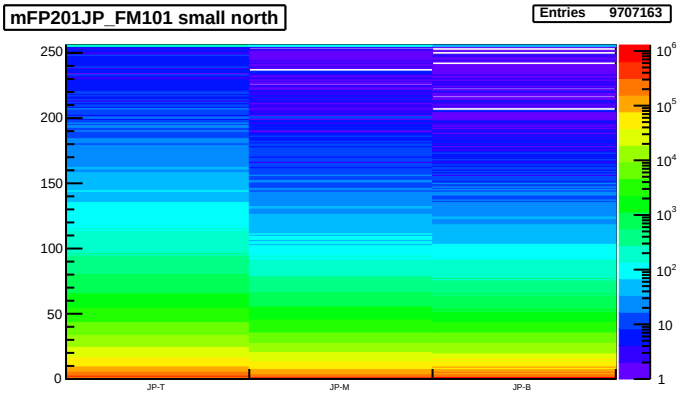

mFP201BSsim_FM102 small south
Entries 128765
8385
14407
44016
32050
29907
BS3
BS2
BS1-T
BS1-M
BS1-B

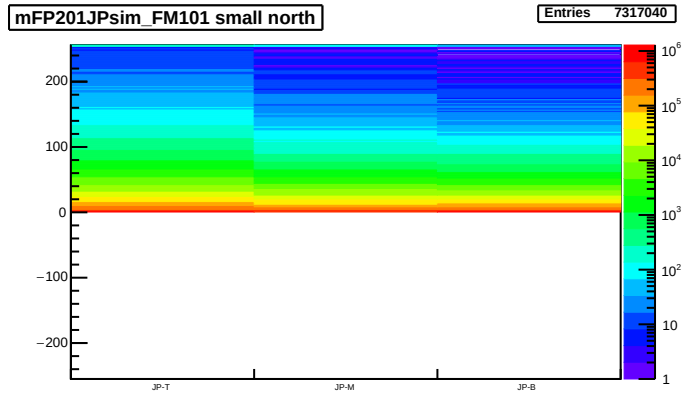

mFP201BS_FM103 large north
Entries 1.61786e+07
12669
70677
99229
110786
70440
3.22305e+06
3.16504e+06
3.13649e+06
3.12494e+06
3.16528e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

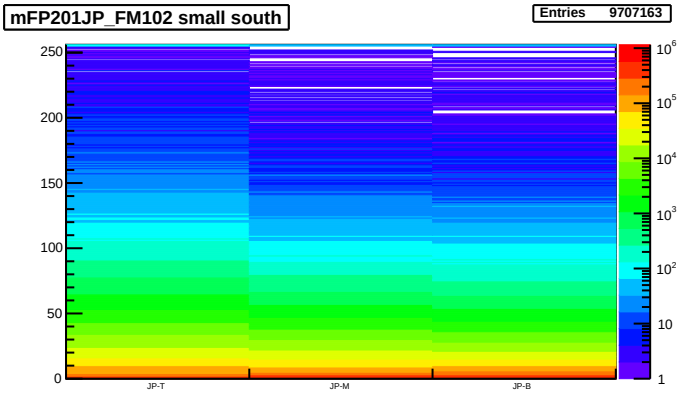

mFP201BSsim_FM103 large north
Entries 363801
12669
70677
99229
110786
70440
BS3
BS2
BS1-T
BS1-M
BS1-B

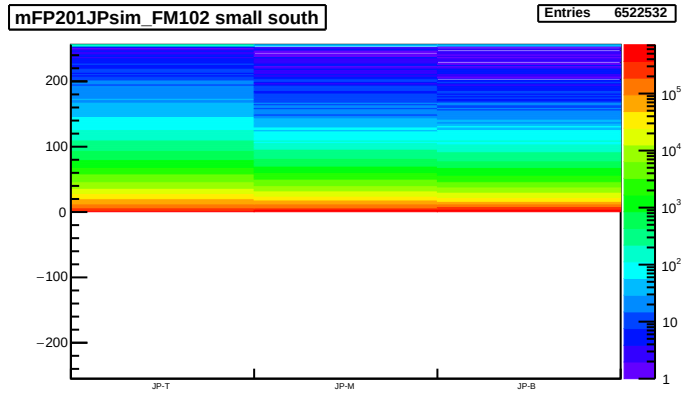

mFP201BS_FM104 large south
Entries 1.61786e+07
2962
32558
70793
8842
146
3.23276e+06
3.20316e+06
3.16493e+06
3.22688e+06
3.23558e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

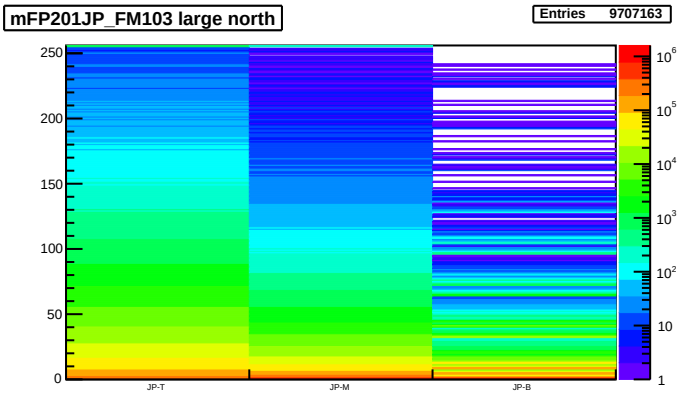

mFP201BSsim_FM104 large south
Entries 115301
2962
32558
70793
8842
146
BS3
BS2
BS1-T
BS1-M
BS1-B

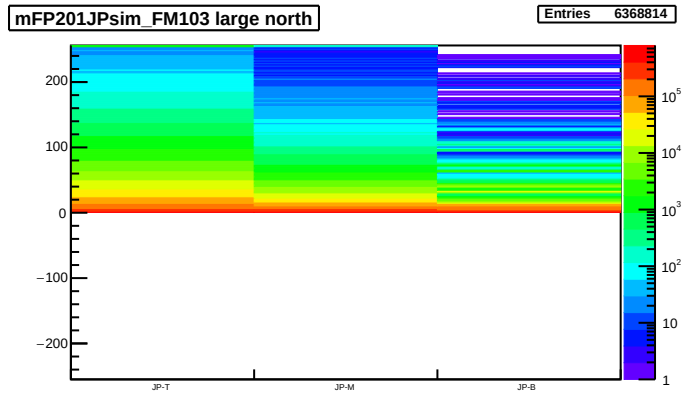

mFP201JP_FM101 small north
Entries 9707163
JP-T
JP-M
JP-B

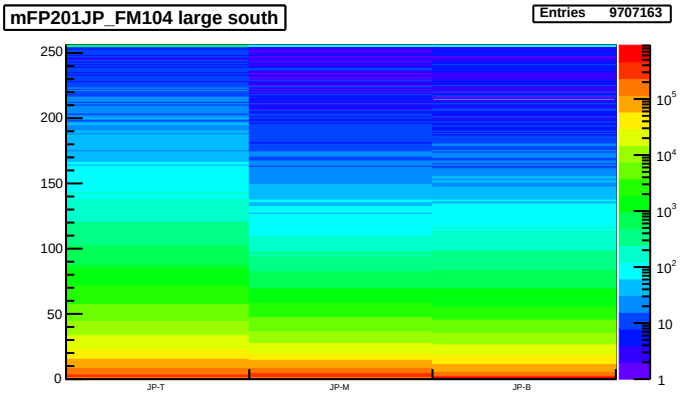

mFP201JPsim_FM101 small north
Entries 7317040
JP-T
JP-M
JP-B

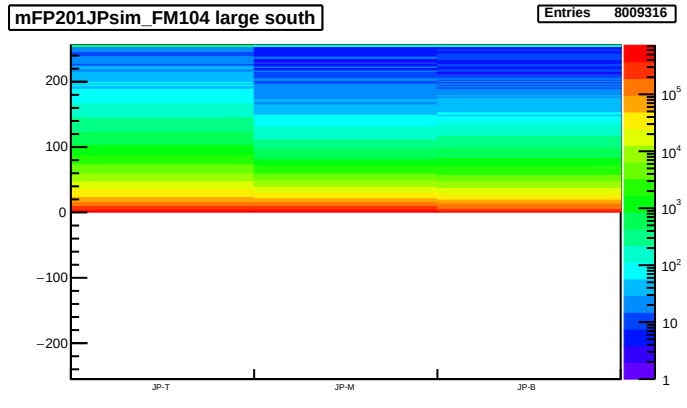

mFP201JP_FM102 small south
Entries 9707163
JP-T
JP-M
JP-B

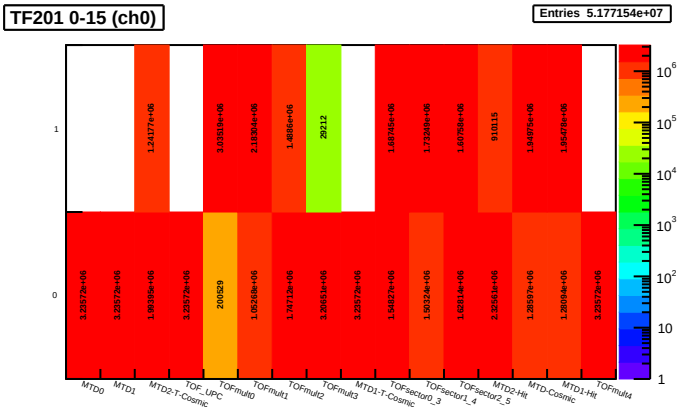

mFP201JPsim_FM102 small south
Entries 6522532
JP-T
JP-M
JP-B

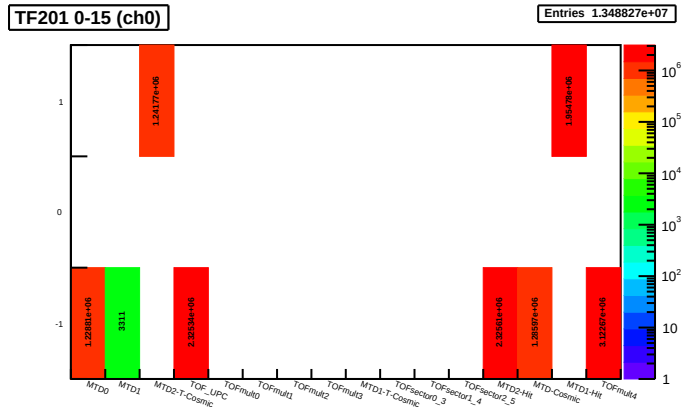

mFP201JP_FM103 large north
Entries 9707163
JP-T
JP-M
JP-B

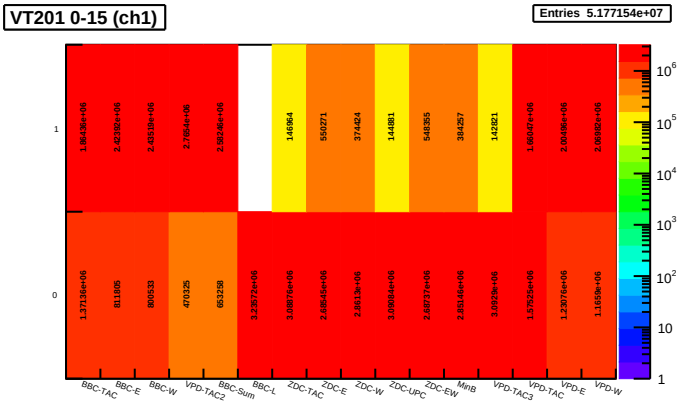

mFP201JPsim_FM103 large north
Entries 6368814
JP-T
JP-M
JP-B

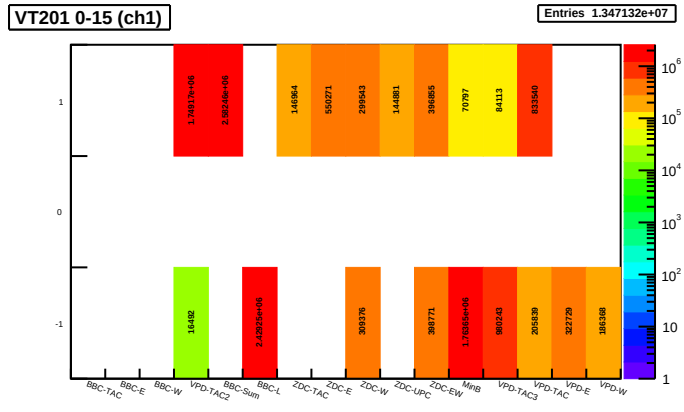

mFP201JP_FM104 large south
Entries 9707163
JP-T
JP-M
JP-B

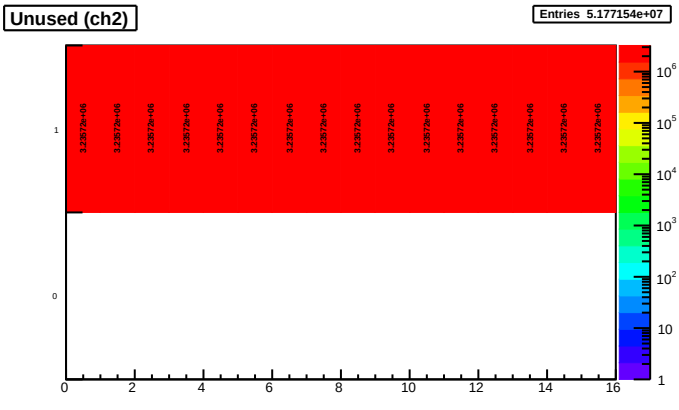

mFP201JPsim_FM104 large south
Entries 8009316
JP-T
JP-M
JP-B

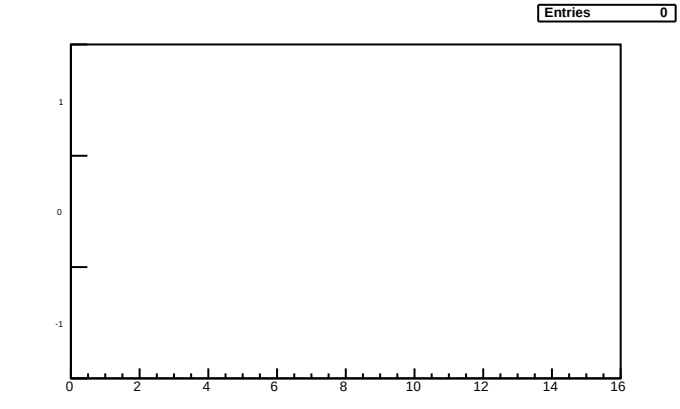

TF201 0-15 (ch0)
Entries 5.177154e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

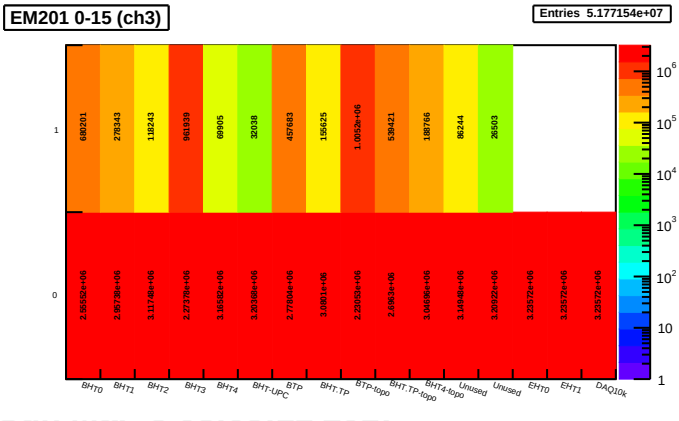

TF201 0-15 (ch0)
Entries 1.348827e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

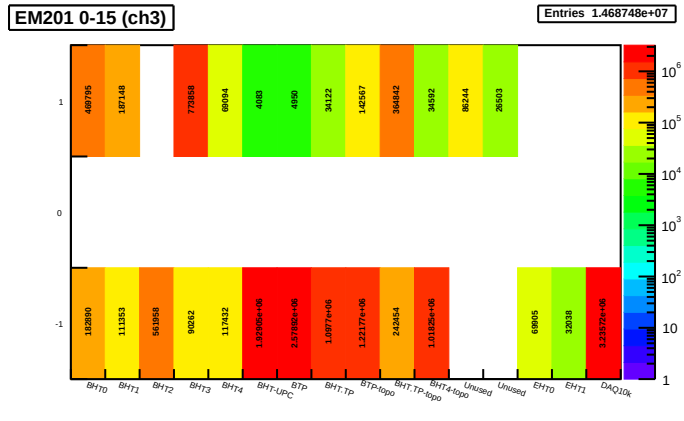

VT201 0-15 (ch1)
Entries 5.177154e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W


VT201 0-15 (ch1)
Entries 1.347132e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

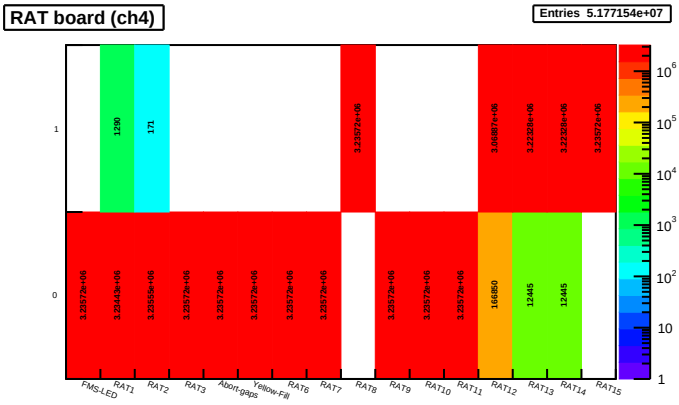

Unused (ch2)
Entries 5.177154e+07

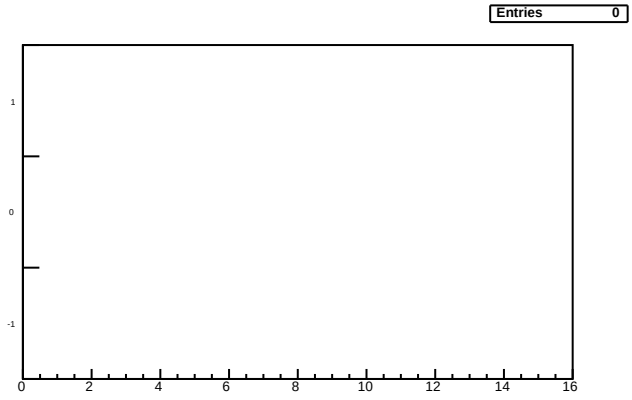

Entries 0


EM201 0-15 (ch3)
Entries 5.177154e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

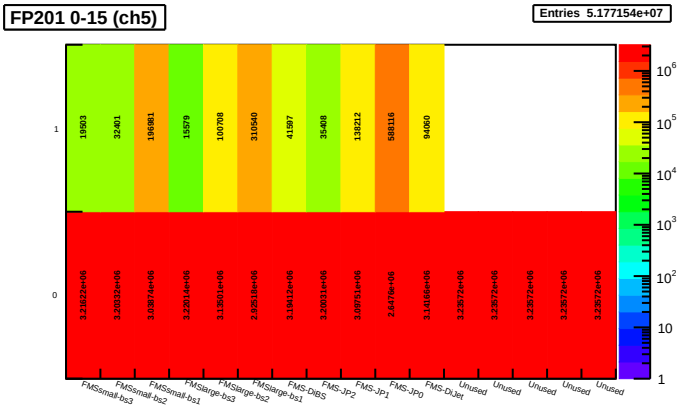

EM201 0-15 (ch3)
Entries 1.468748e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

RAT board (ch4)

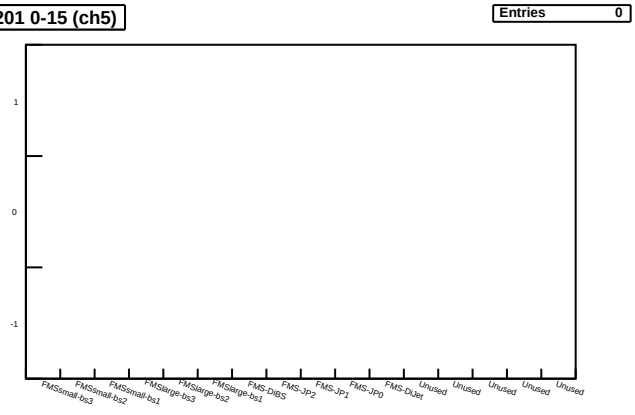




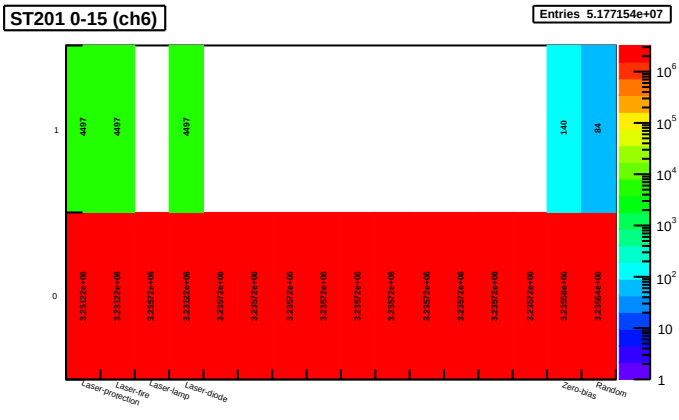
FP201 0-15 (ch5)

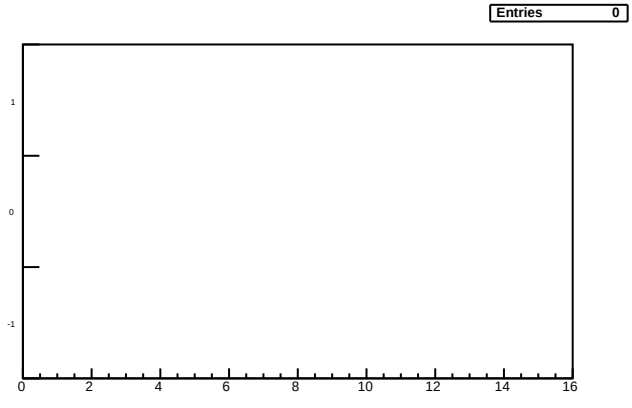
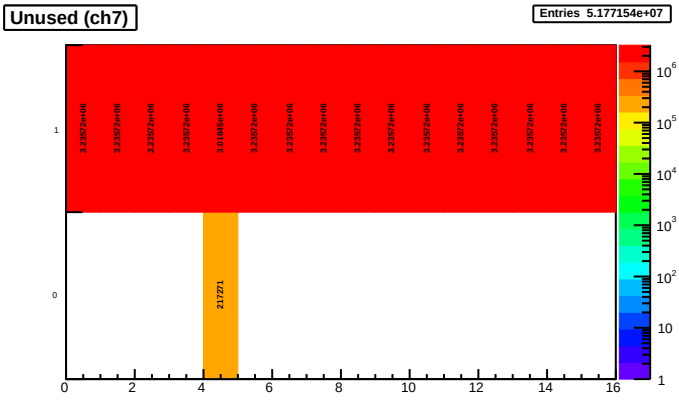
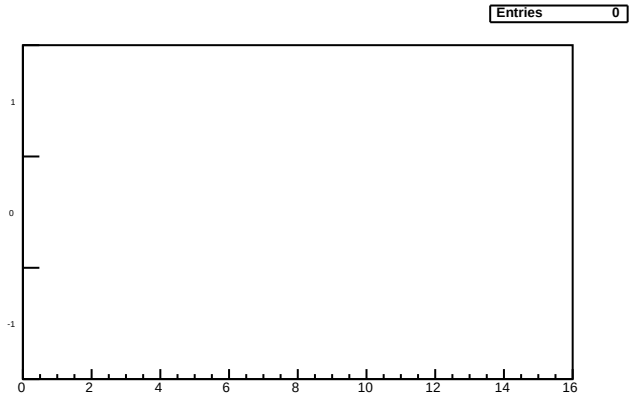


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)