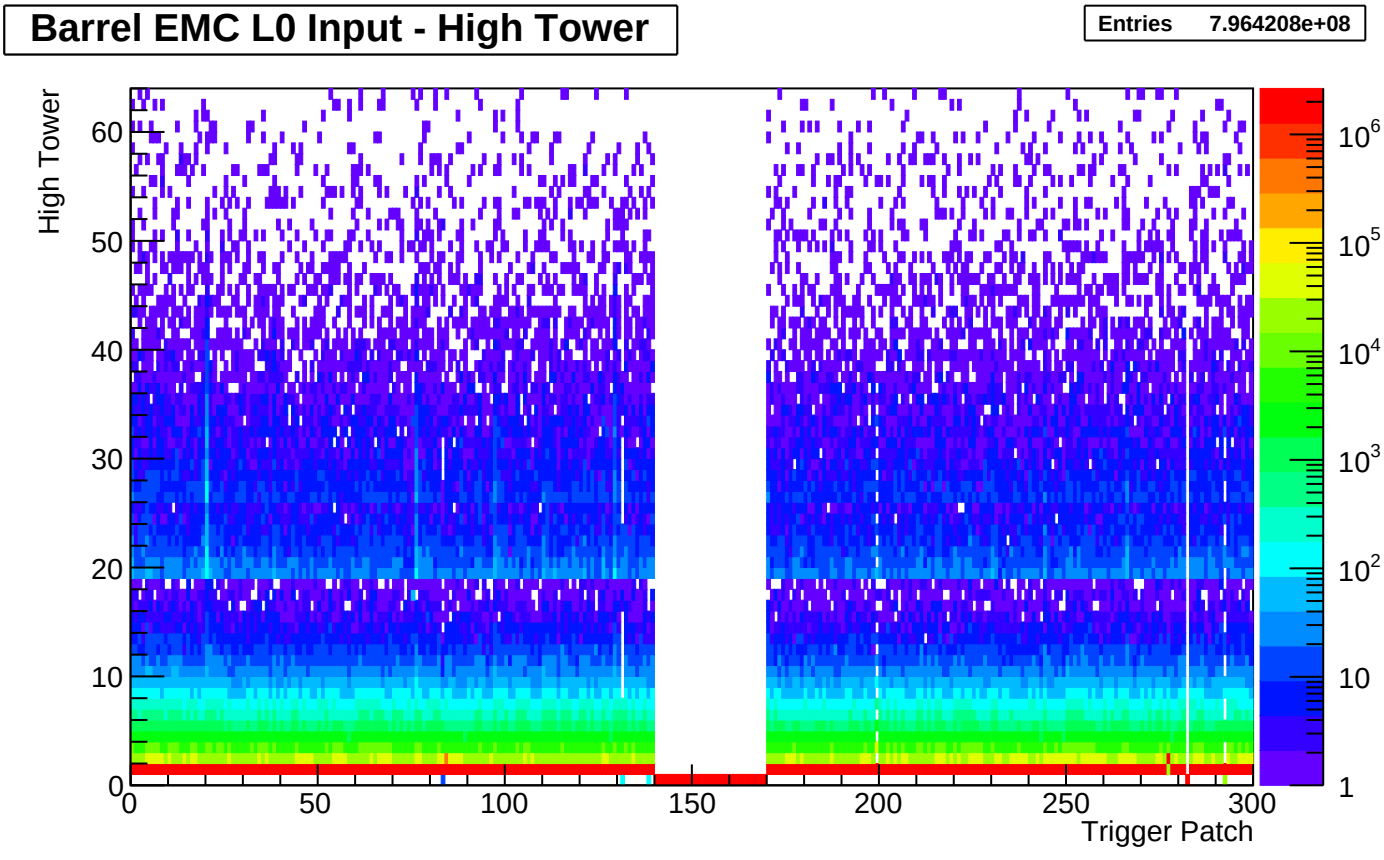
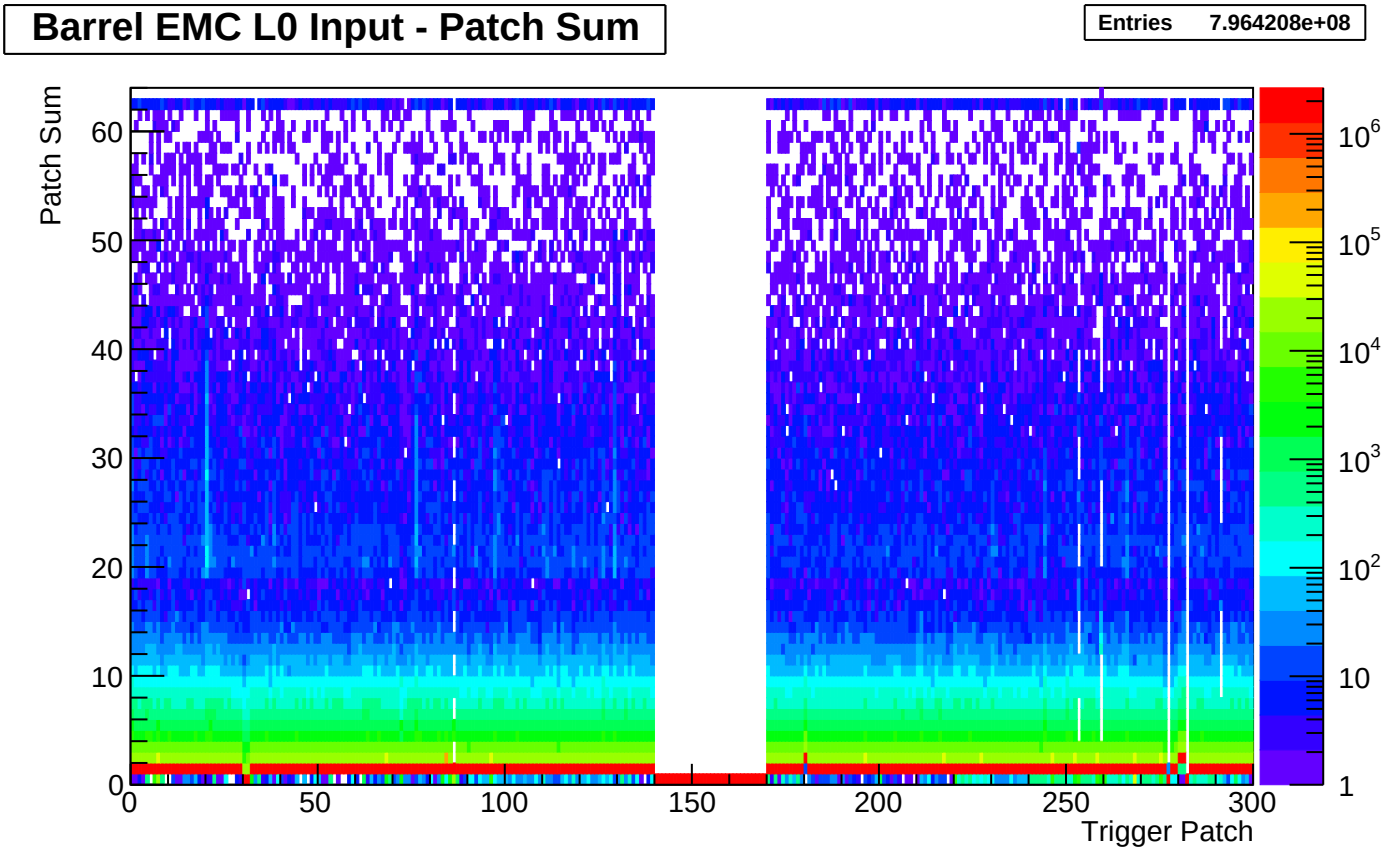
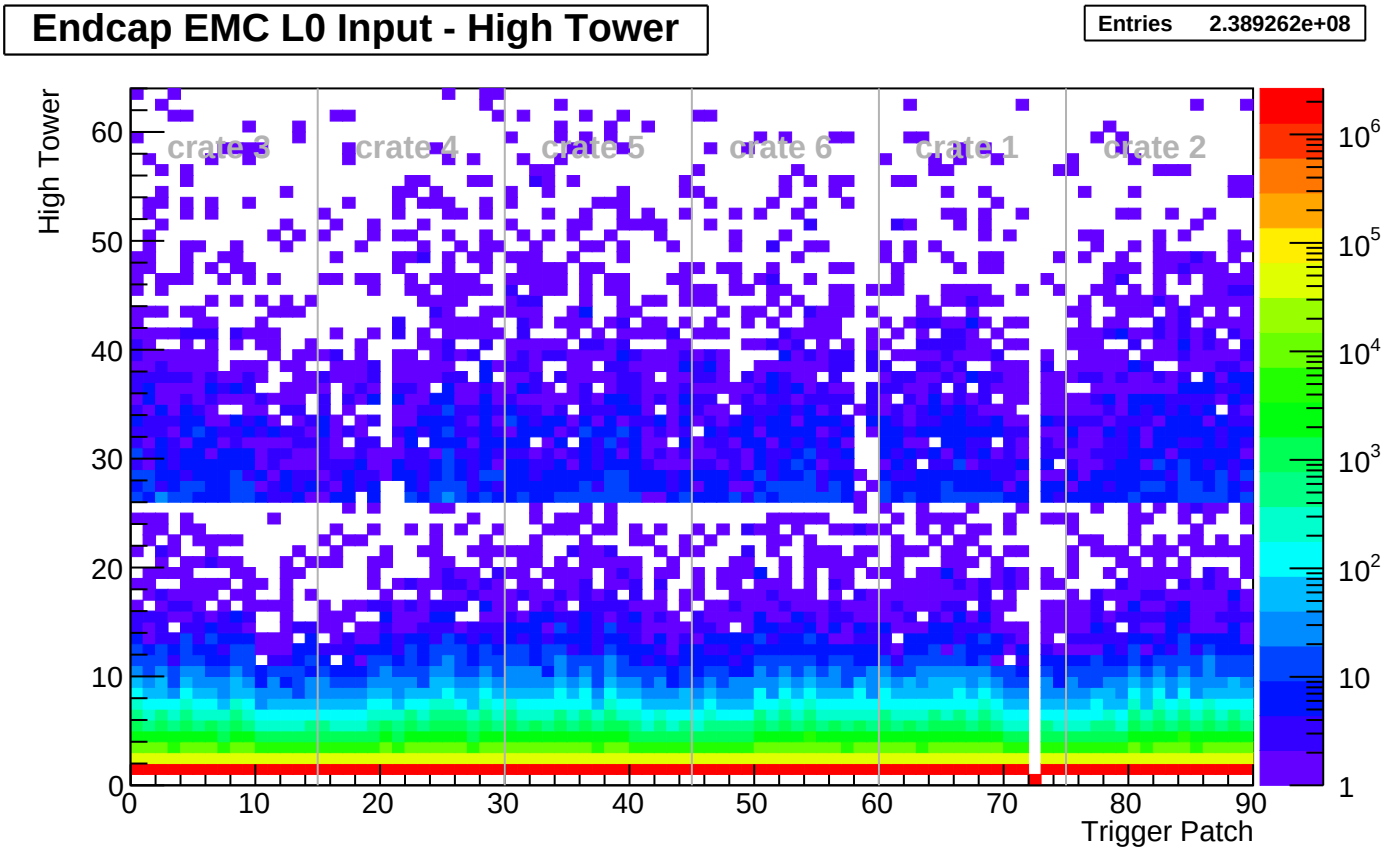
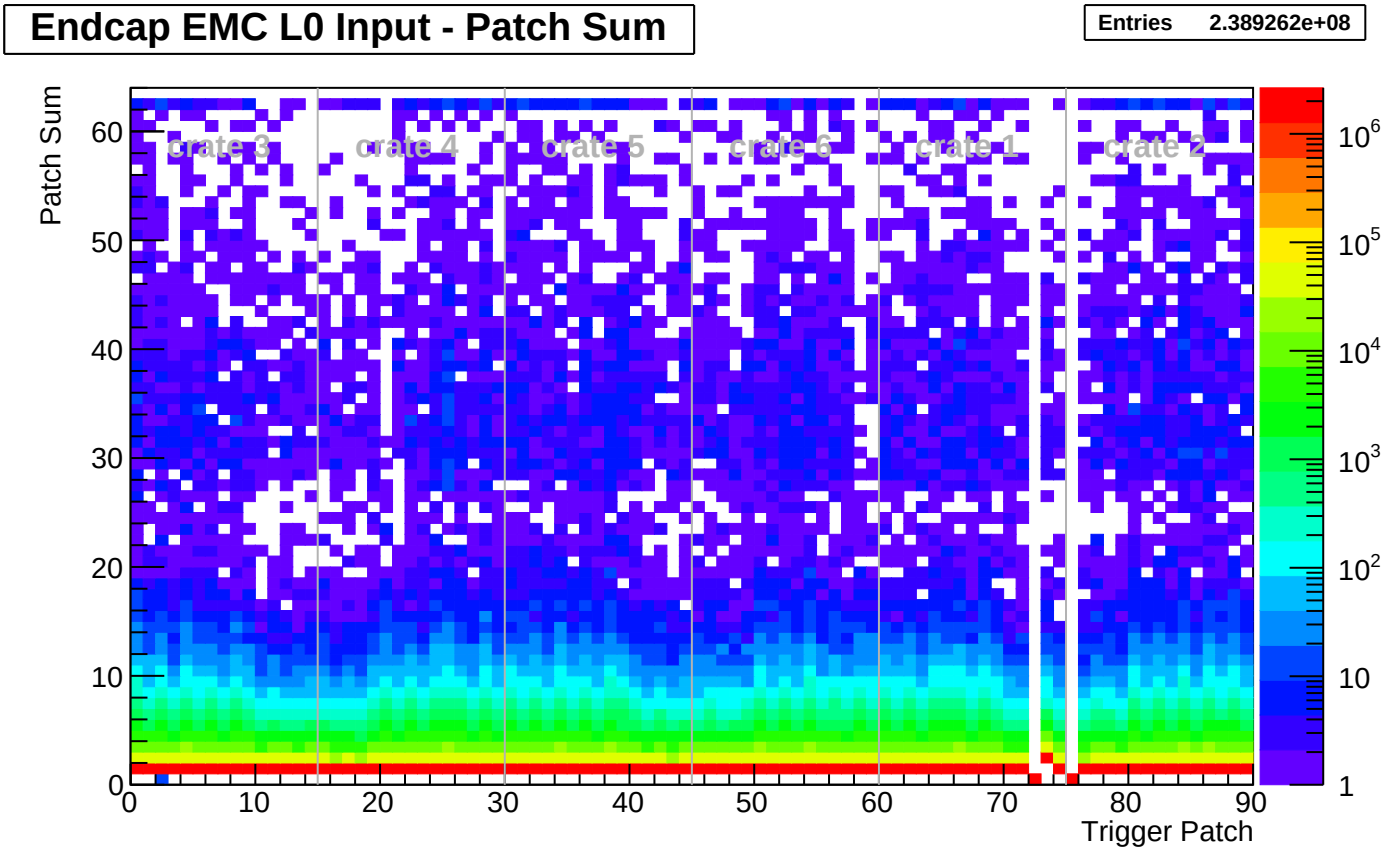
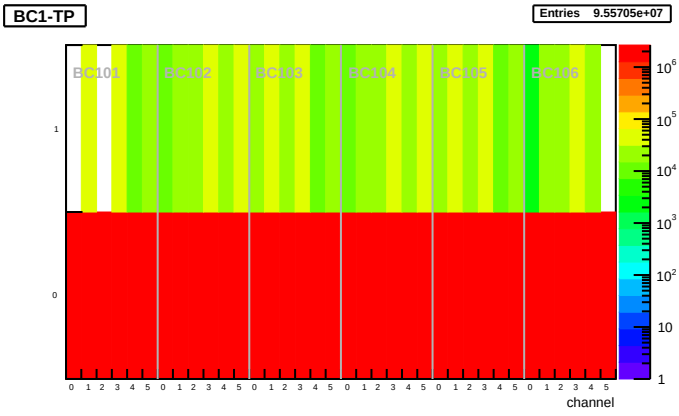
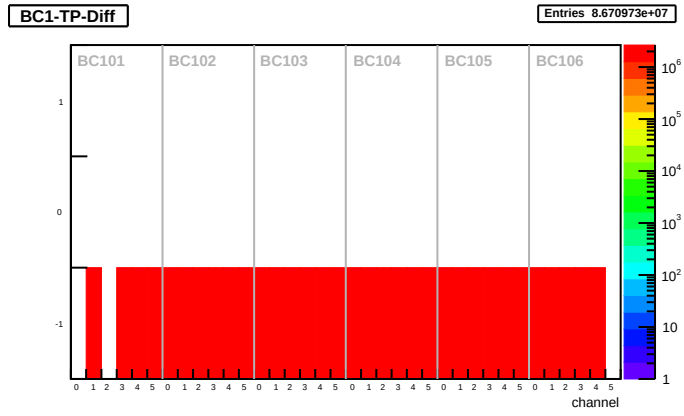

Barrel EMC L0 Input - High Tower
Entries 7.964208e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

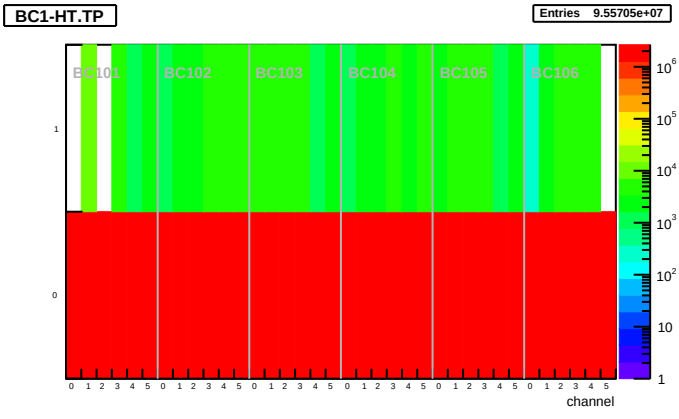

Barrel EMC L0 Input - Patch Sum
Entries 7.964208e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

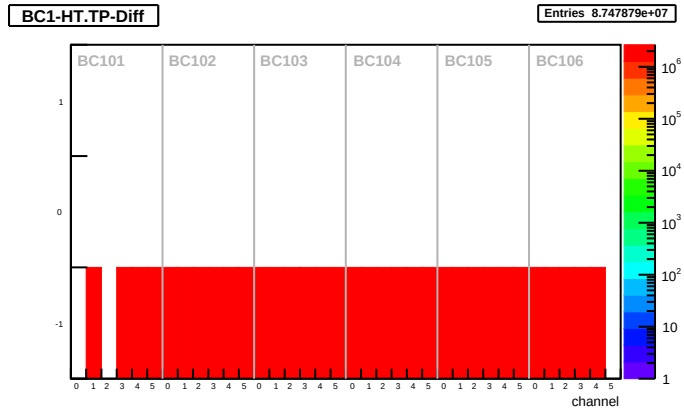

Endcap EMC L0 Input - High Tower
Entries 2.389262e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

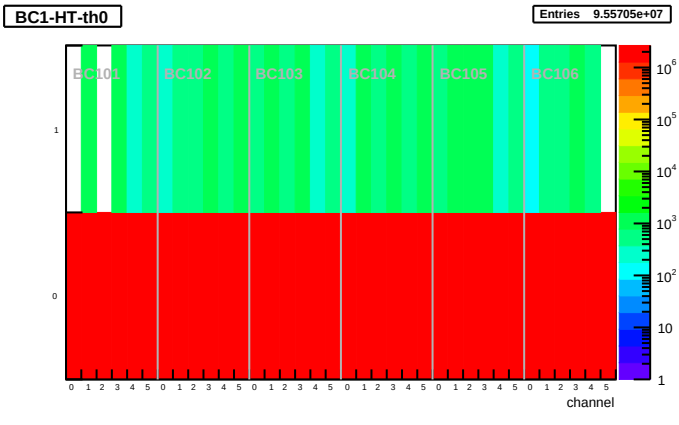

Endcap EMC L0 Input - Patch Sum
Entries 2.389262e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

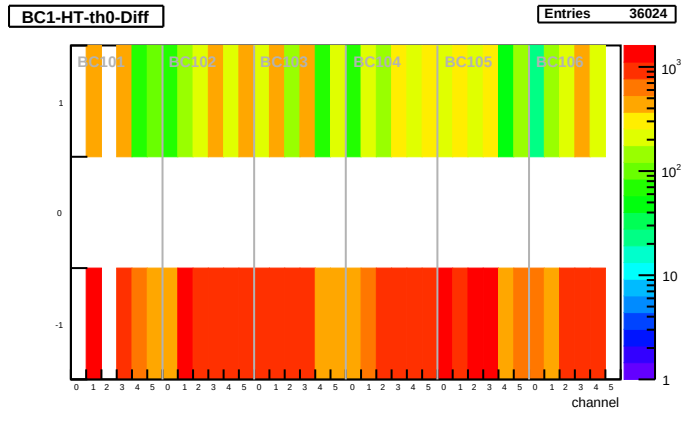

BC1-TP
Entries 9.55705e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

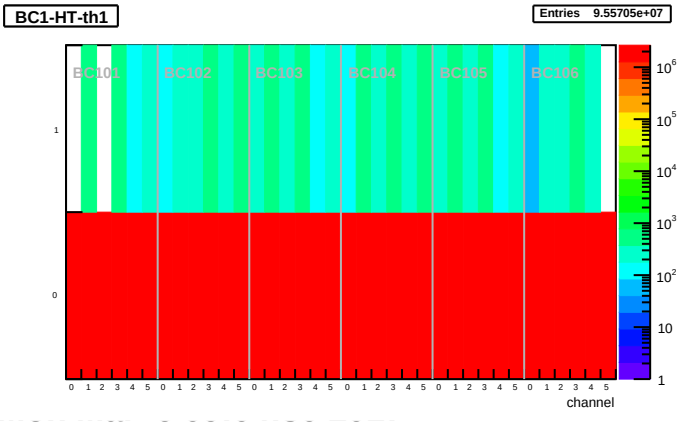

BC1-TP-Diff
Entries 8.670973e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

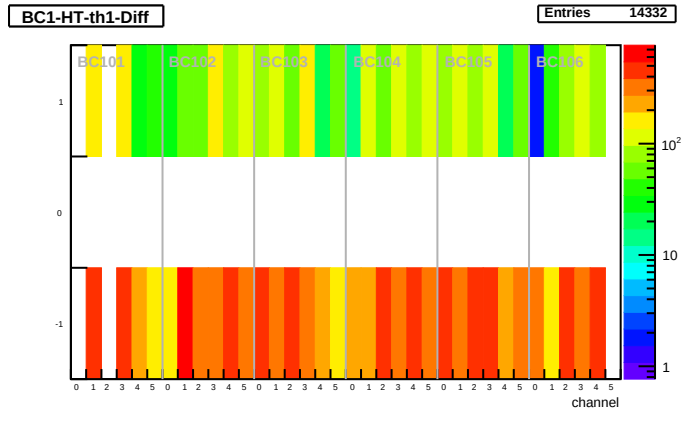

BC1-HT.TP
Entries 9.55705e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

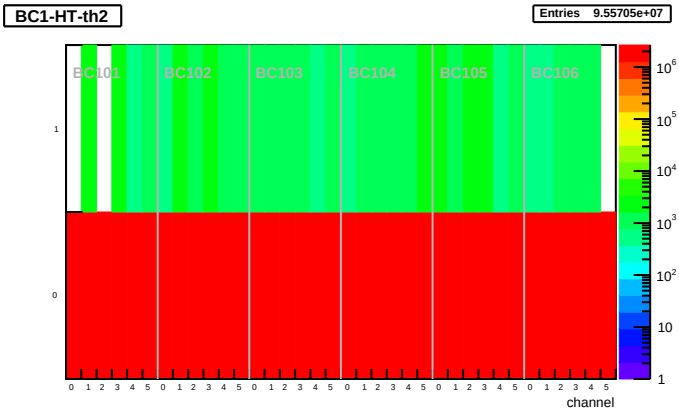

BC1-HT.TP-Diff
Entries 8.747879e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

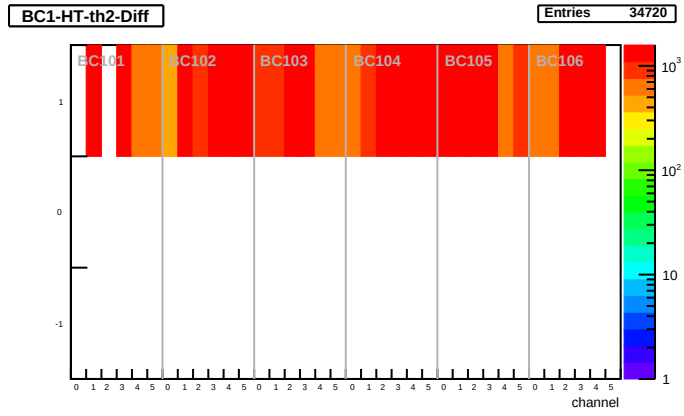

BC1-HT-th0
Entries 9.55705e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

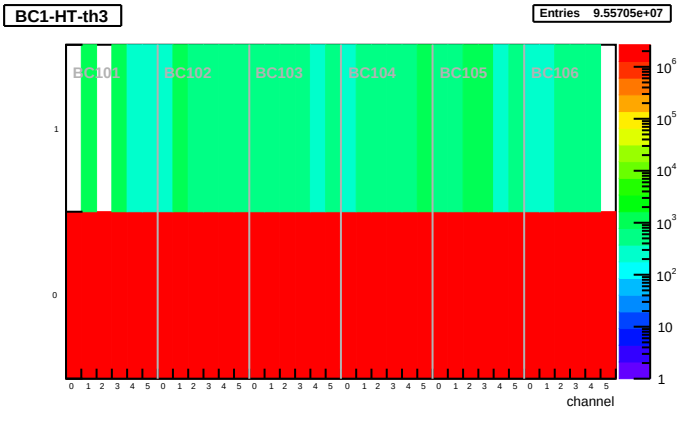

BC1-HT-th0-Diff
Entries 36024
BC101
BC102
BC103
BC104
BC105
BC106
channel

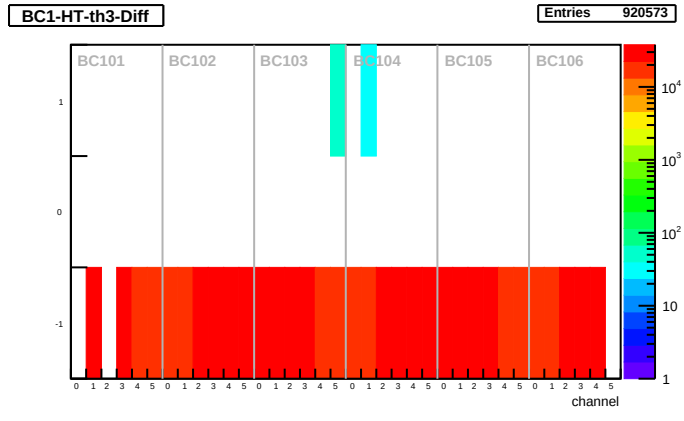

BC1-HT-th1
Entries 9.55705e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

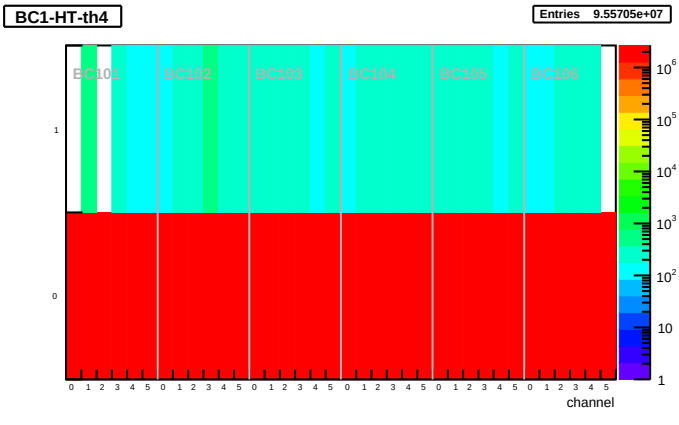

BC1-HT-th1-Diff
Entries 14332
BC101
BC102
BC103
BC104
BC105
BC106
channel

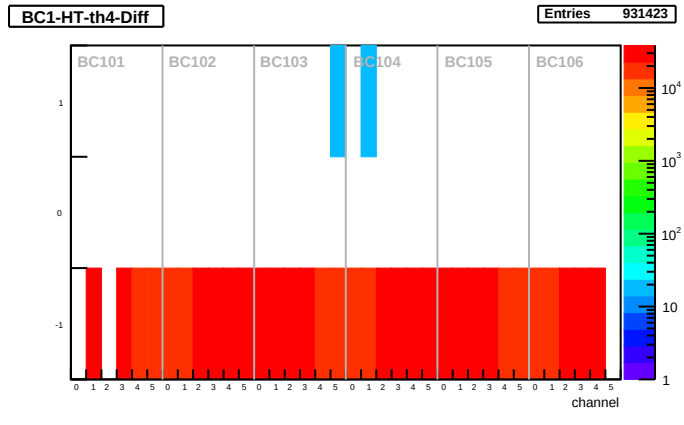

BC1-HT-th2
Entries 9.55705e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

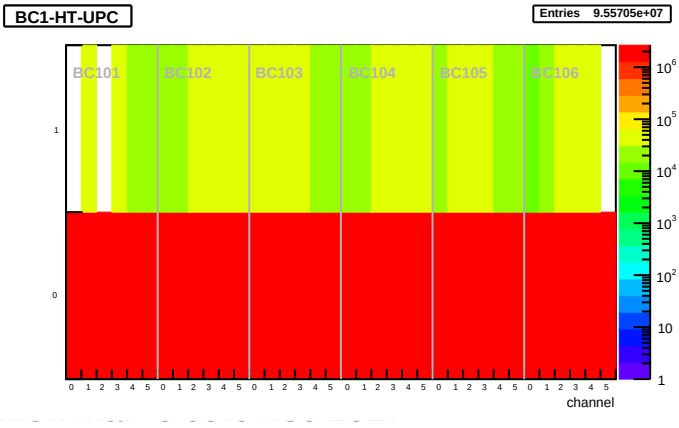

BC1-HT-th2-Diff
Entries 34720
BC101
BC102
BC103
BC104
BC105
BC106
channel

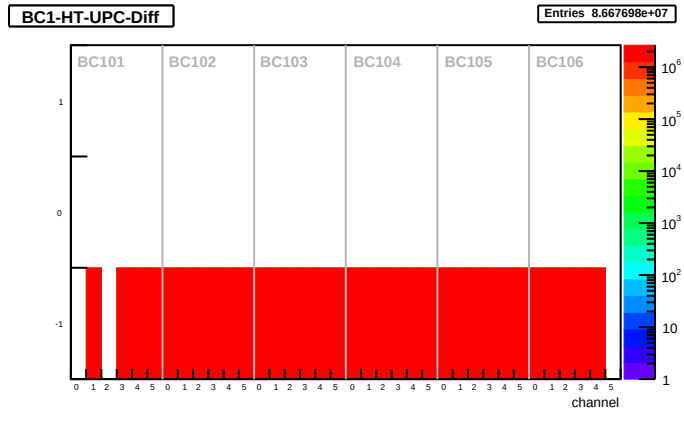

BC1-HT-th3
Entries 9.55705e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

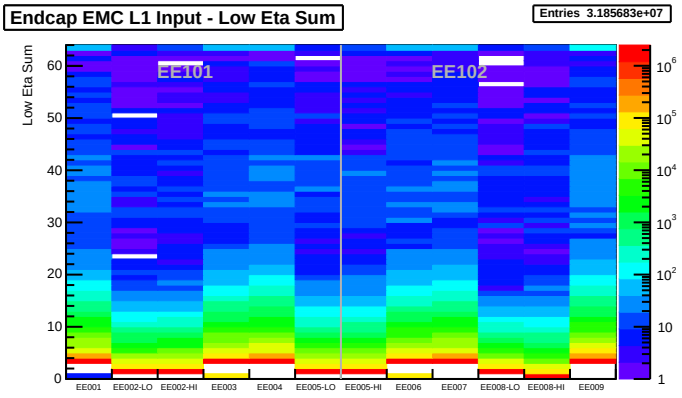

BC1-HT-th3-Diff
Entries 920573
BC101
BC102
BC103
BC104
BC105
BC106
channel

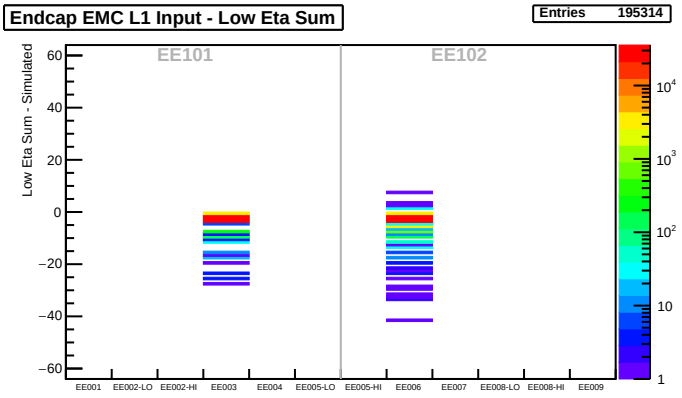

BC1-HT-th4
Entries 9.55705e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

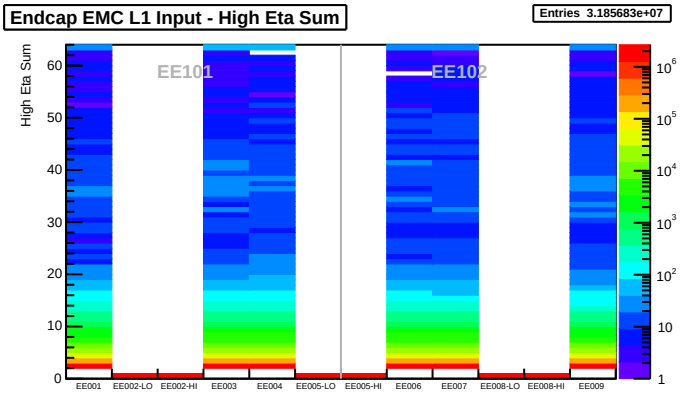

BC1-HT-th4-Diff
Entries 931423
BC101
BC102
BC103
BC104
BC105
BC106
channel

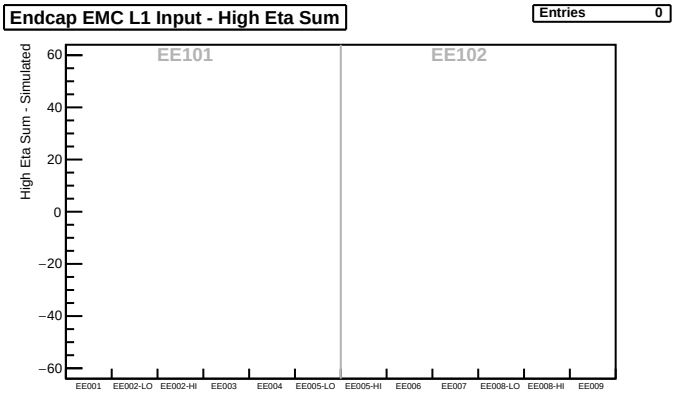

BC1-HT-UPC
Entries 9.55705e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

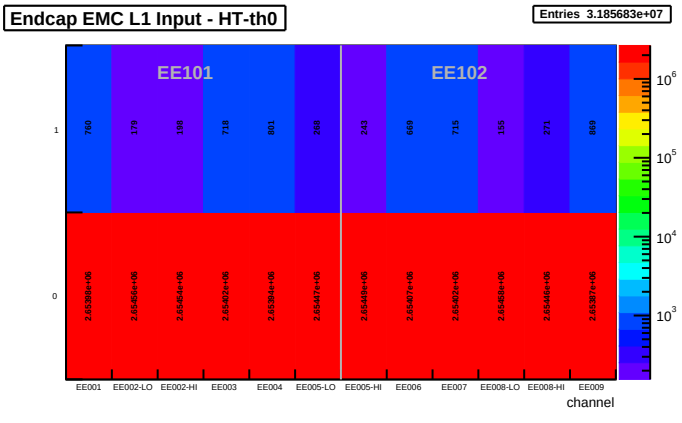

BC1-HT-UPC-Diff
Entries 8.667698e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

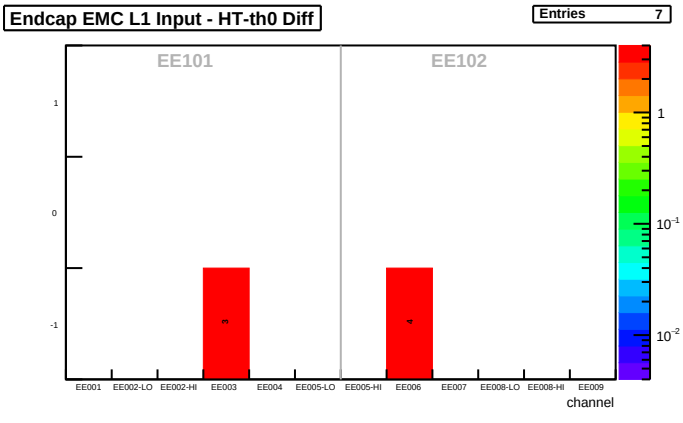

Endcap EMC L1 Input - Low Eta Sum
Entries 3.185683e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

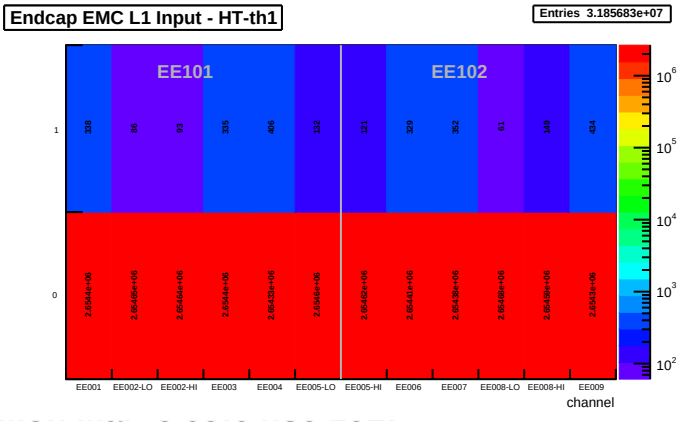

Endcap EMC L1 Input - Low Eta Sum
Entries 195314
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

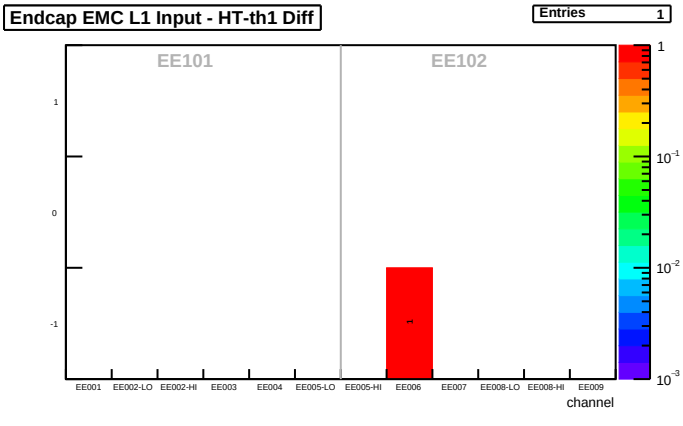

Endcap EMC L1 Input - High Eta Sum
Entries 3.185683e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

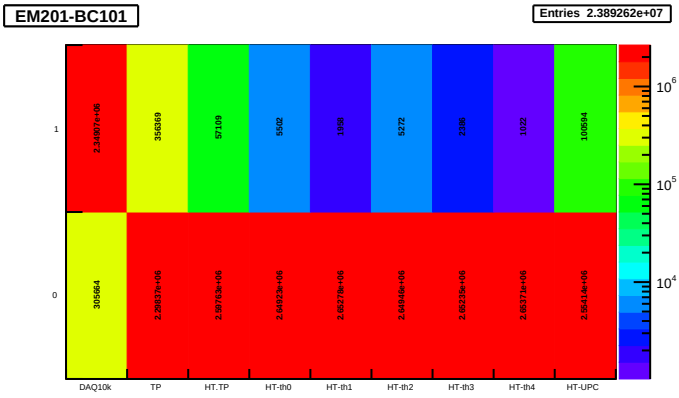

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

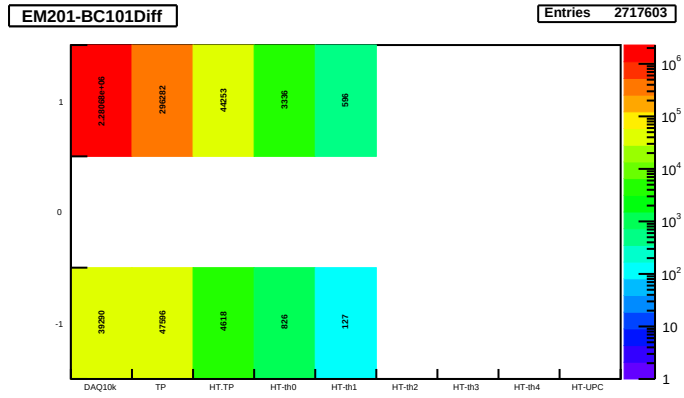

Endcap EMC L1 Input - HT-th0
Entries 3.185683e+07
EE101
EE102
760 179 138 718 801 268 243 669 715 155 271 869
2.65388e+06 2.65456e+06 2.65454e+06 2.65402e+06 2.65384e+06 2.65407e+06 2.65449e+06 2.65407e+06 2.65402e+06 2.65468e+06 2.65446e+06 2.65387e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

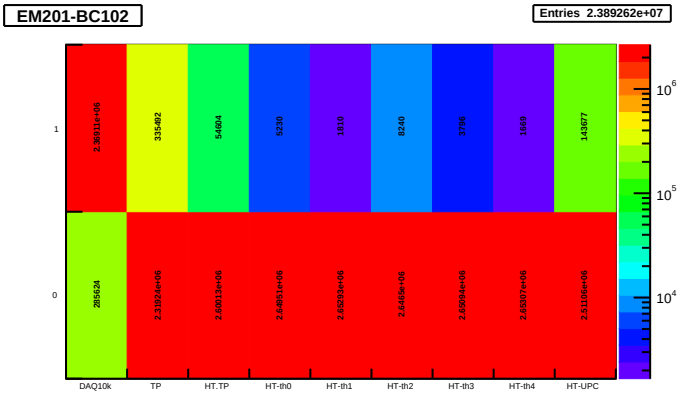

Endcap EMC L1 Input - HT-th0 Diff
Entries 7
EE101
EE102
3
4
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

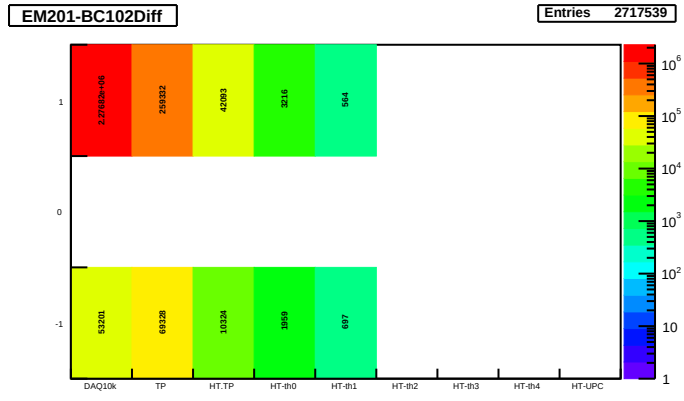

Endcap EMC L1 Input - HT-th1
Entries 3.185683e+07
EE101
EE102
338 86 93 335 406 132 121 329 352 61 149 434
2.65444e+06 2.65465e+06 2.65464e+06 2.65444e+06 2.65438e+06 2.6546e+06 2.65462e+06 2.65441e+06 2.65438e+06 2.65468e+06 2.65459e+06 2.65436e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

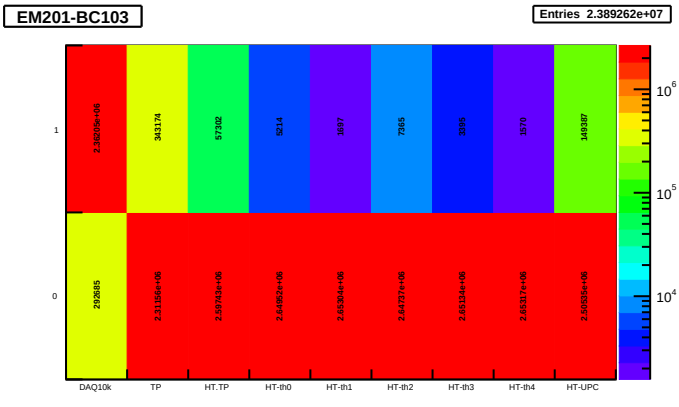

Endcap EMC L1 Input - HT-th1 Diff
Entries 1
EE101
EE102
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

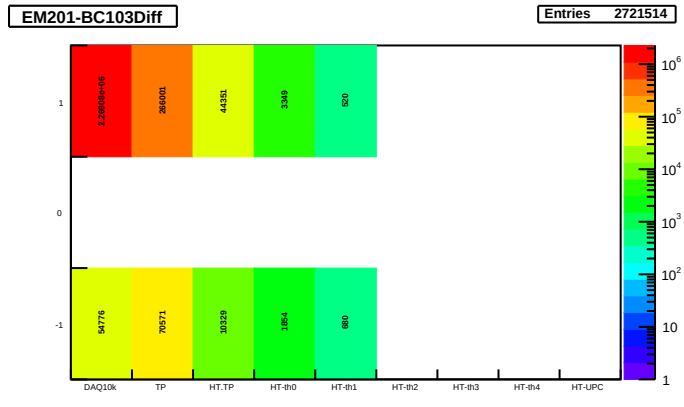

EM201-BC101
Entries 2.389262e+07
1
0
2.34307e+06
356369
57109
5502
1938
5272
2388
1022
106594
305664
2.29837e+06
2.59763e+06
2.64923e+06
2.65278e+06
2.64346e+06
2.65233e+06
2.65371e+06
2.35414e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4

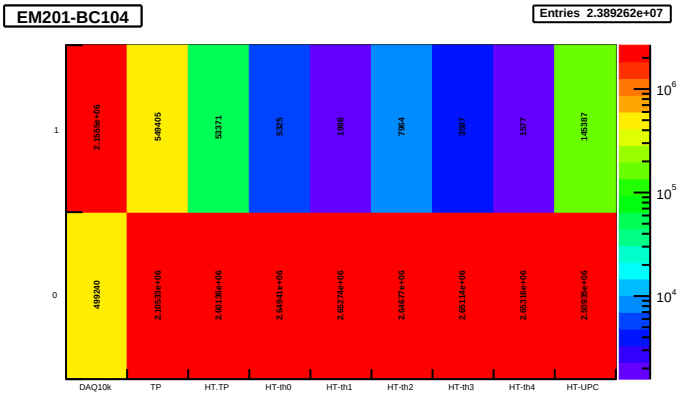

EM201-BC101Diff
Entries 2717603
1
0
-1
2.26068e+06
294282
44253
3336
596
39290
47596
4618
826
127
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10
1

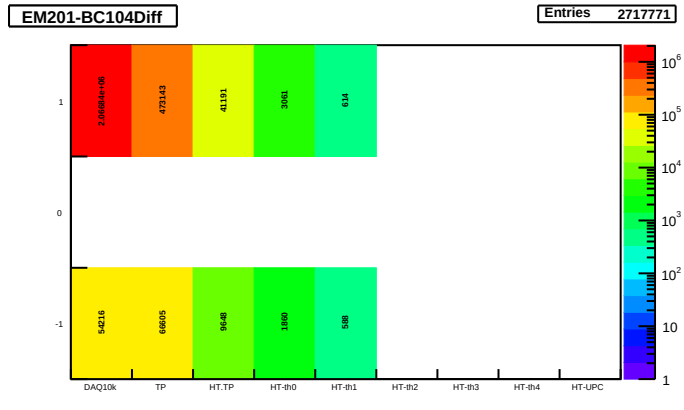

EM201-BC102
Entries 2.389262e+07
1
0
2.35311e+06
335482
54604
5230
1810
8240
3796
1669
143677
285624
2.31924e+06
2.60913e+06
2.64951e+06
2.65293e+06
2.64456e+06
2.65344e+06
2.65307e+06
2.51106e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4


EM201-BC102Diff
Entries 2717539
1
0
-1
2.27632e+06
259332
42093
3216
564
53201
69328
10324
1959
697
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

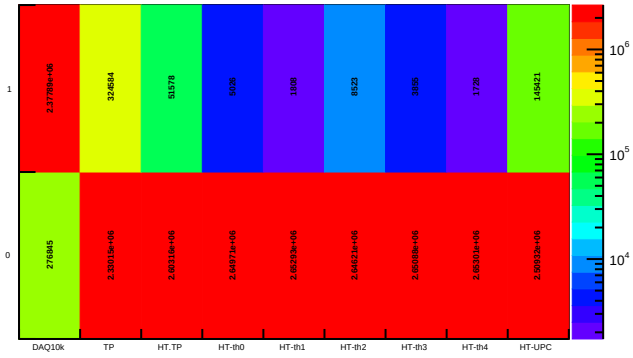

EM201-BC103
Entries 2.389262e+07
1
0
2.35203e+06
343174
57302
5214
1697
7365
3395
1570
149387
292885
2.31156e+06
2.59743e+06
2.64952e+06
2.65304e+06
2.64737e+06
2.65314e+06
2.65317e+06
2.50935e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4


EM201-BC103Diff
Entries 2721514
1
0
-1
2.26908e+06
266001
44351
3349
520
54776
70571
10329
1854
680
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

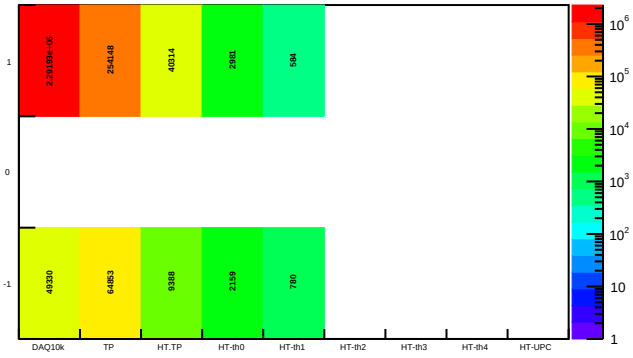

EM201-BC104
Entries 2.389262e+07
1
0
2.3558e+06
549405
53371
5325
1998
7964
3387
1577
146387
499340
2.10538e+06
2.60136e+06
2.64941e+06
2.65274e+06
2.64677e+06
2.65134e+06
2.65316e+06
2.50935e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4


EM201-BC104Diff
Entries 2717771
1
0
-1
2.06884e+06
473143
41191
3061
614
54216
66605
9648
1880
588
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

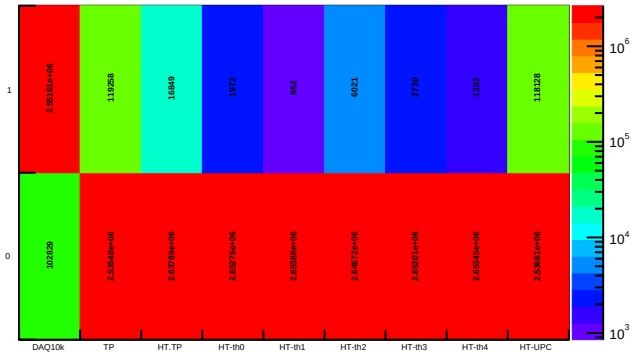
EM201-BC105 Entries 2.389262e+07



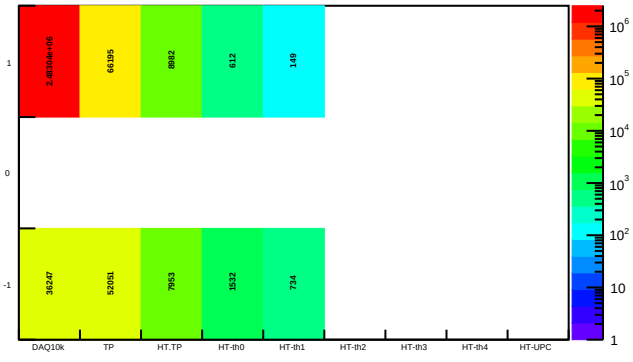
EM201-BC105Diff Entries 2716469



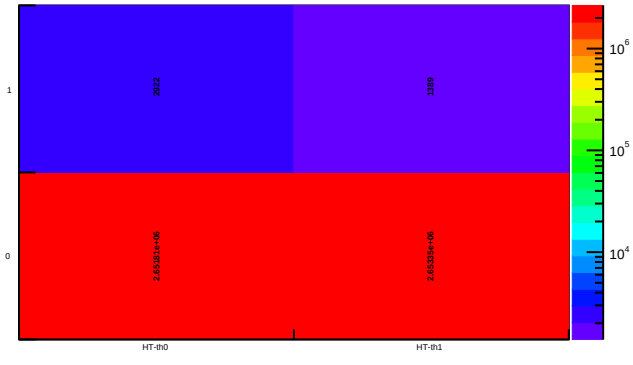
EM201-BC106 Entries 2.389262e+07



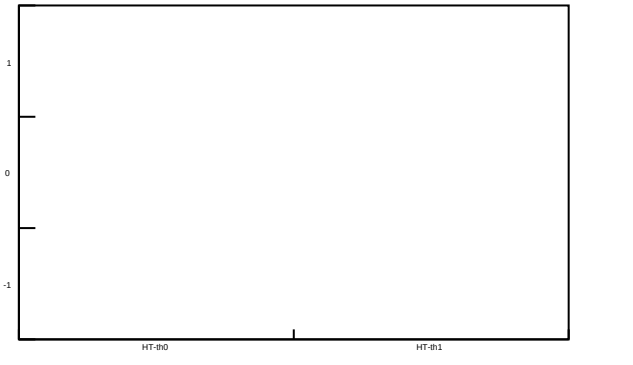
EM201-BC106Diff Entries 2657495



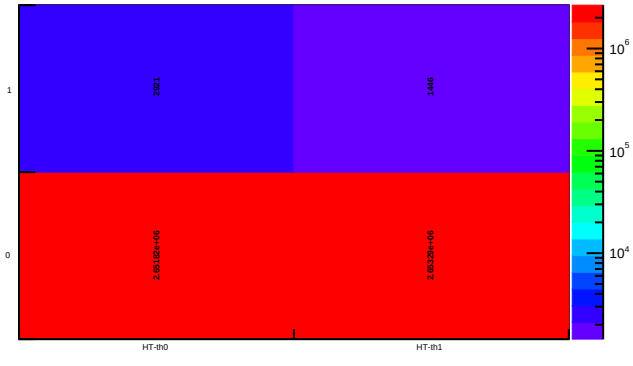
EM201-EE101 Entries 5309472



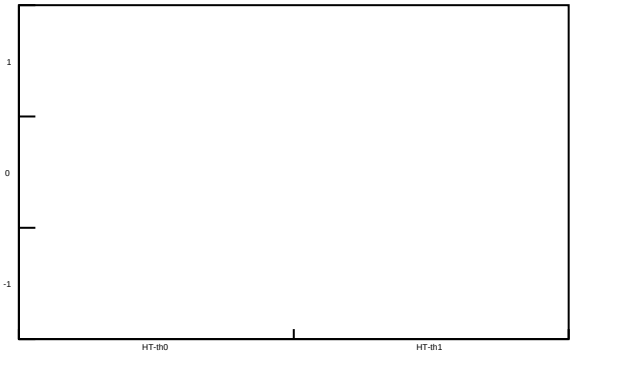
EM201-EE101Diff Entries 0

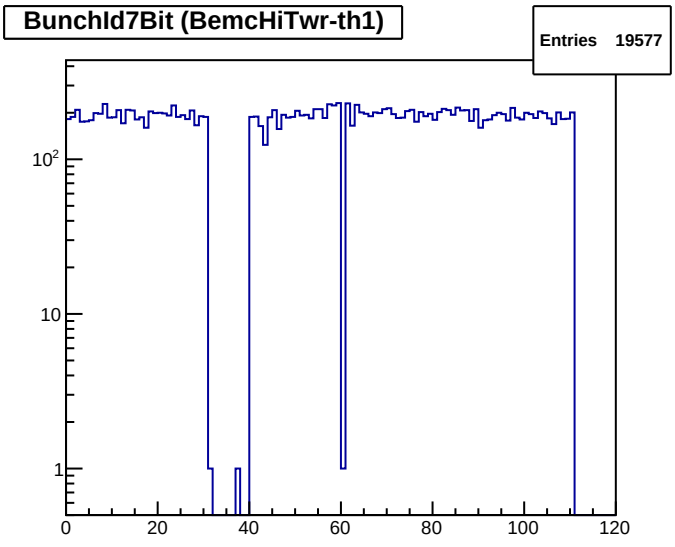


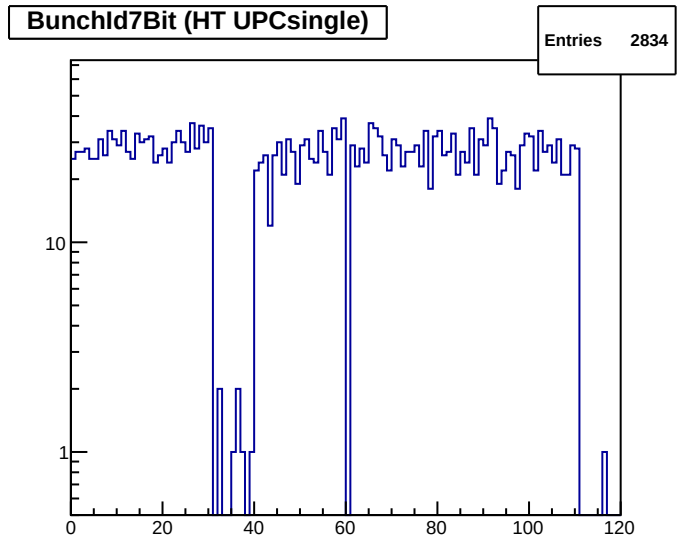
EM201-EE102 Entries 5309472

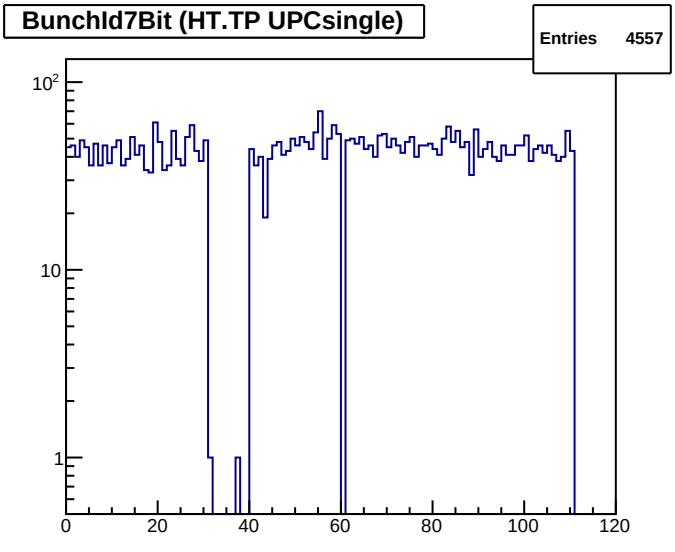


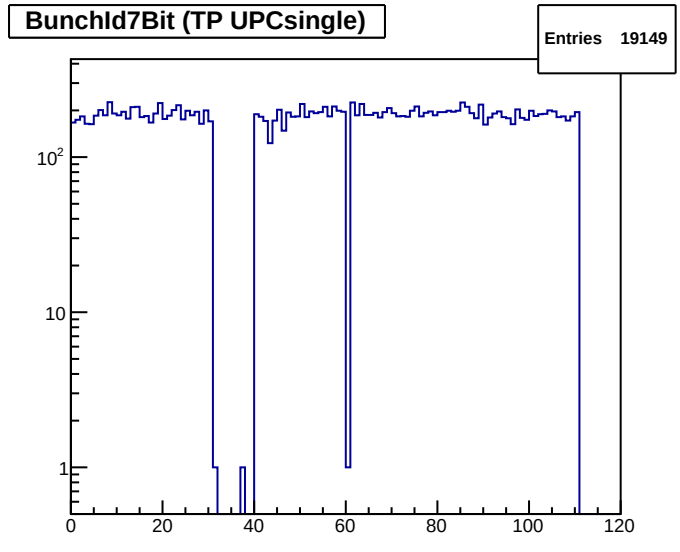
EM201-EE102Diff Entries 0

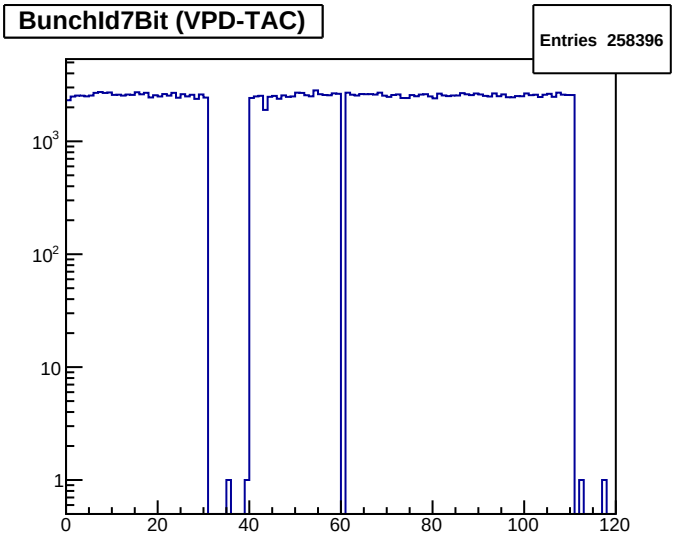


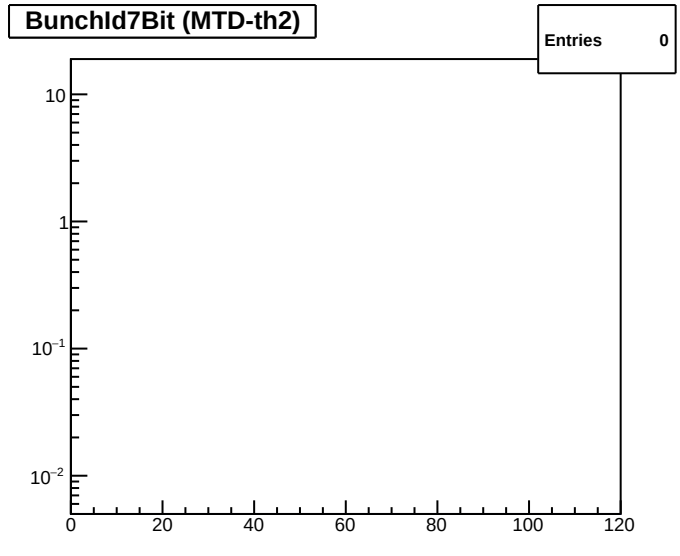

BunchId7Bit (BemcHiTwr-th1)
Entries 19577

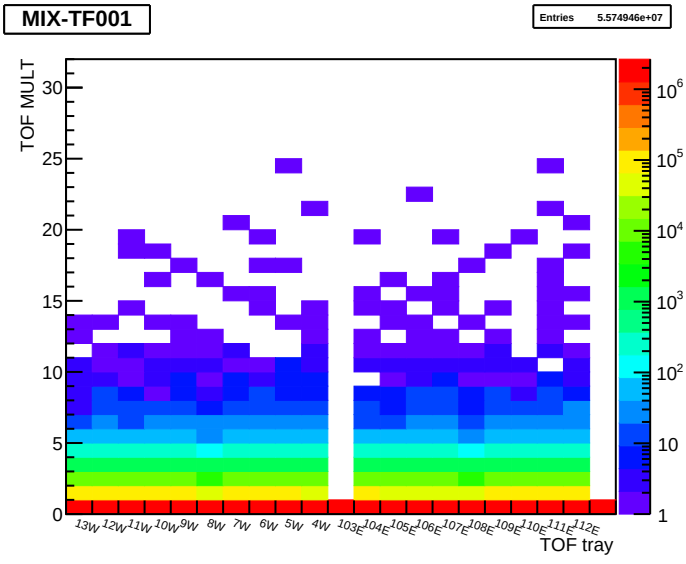

BunchId7Bit (HT UPCsingle)
Entries 2834

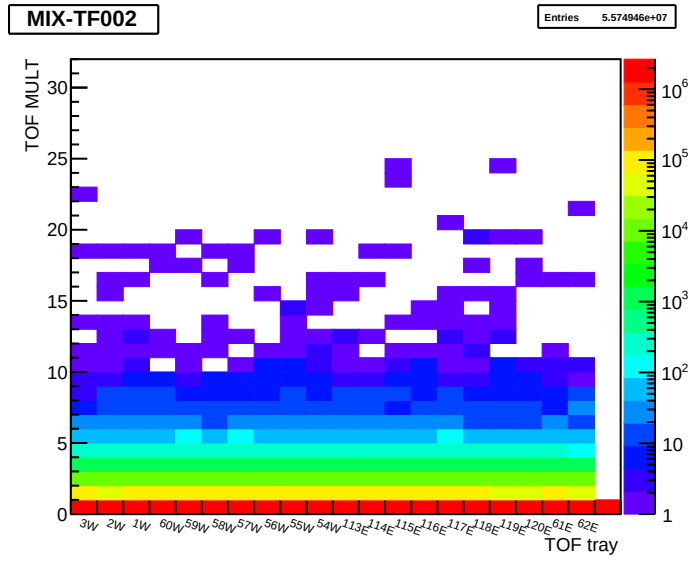

BunchId7Bit (HT.TP UPCsingle)
Entries 4557

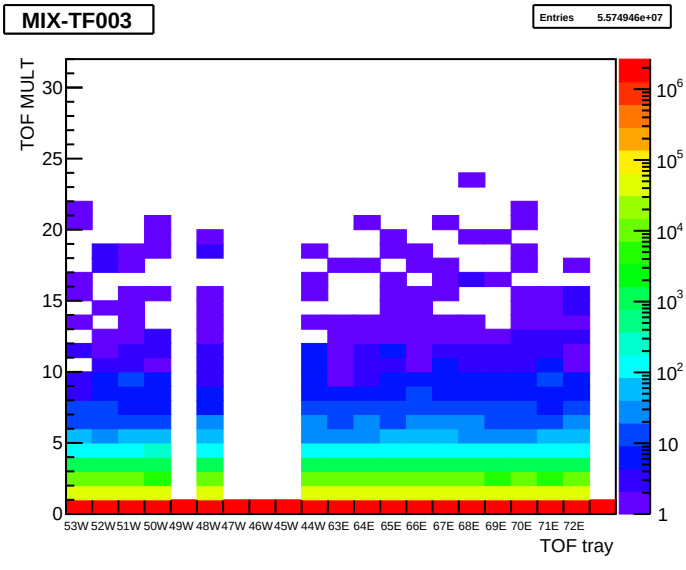

BunchId7Bit (TP UPCsingle)
Entries 19149

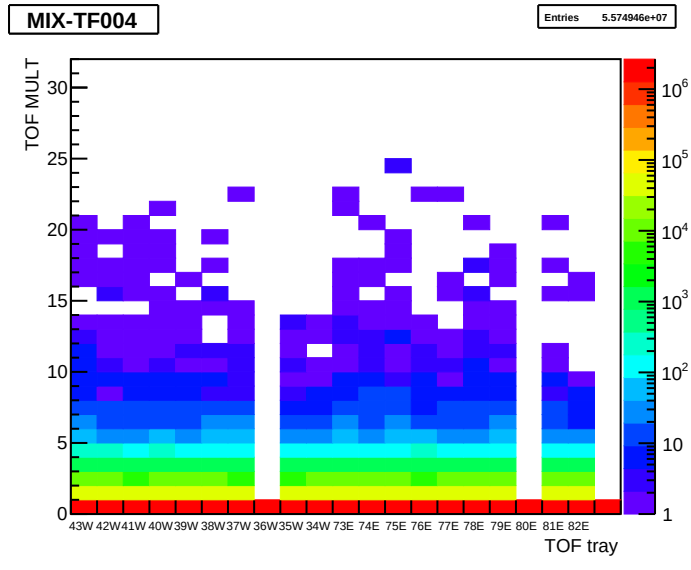

BunchId7Bit (VPD-TAC)
Entries 258396

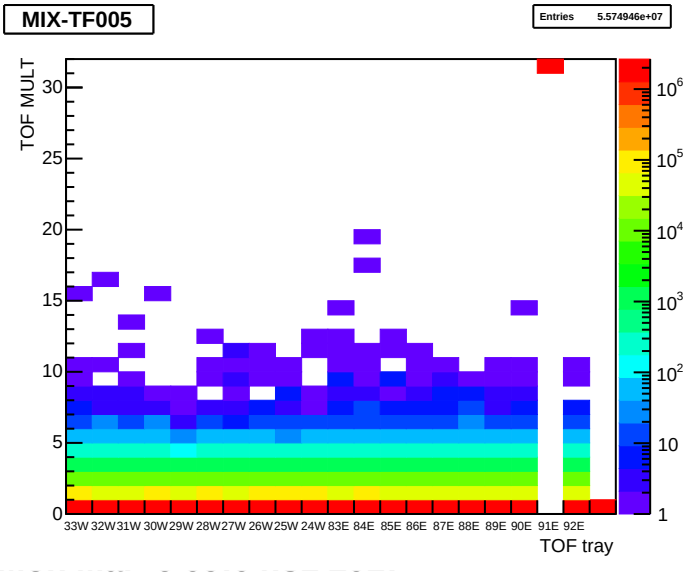

BunchId7Bit (MTD-th2)
Entries 0

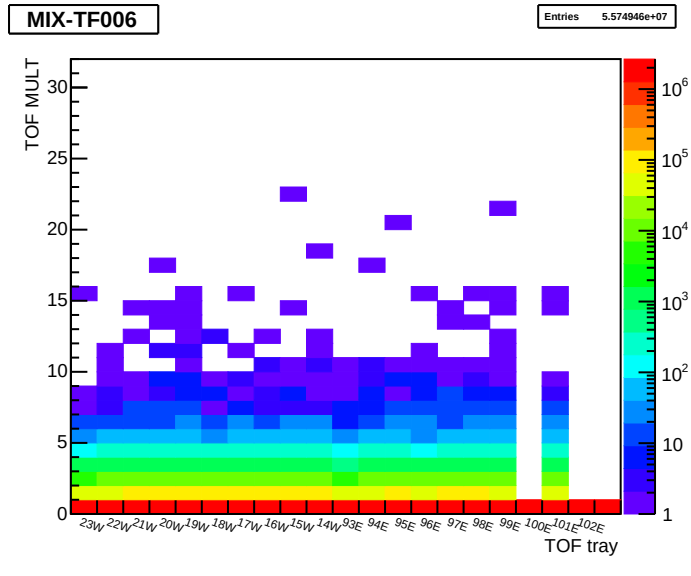

MIX-TF001
Entries 5.574946e+07
TOF MULT
TOF tray

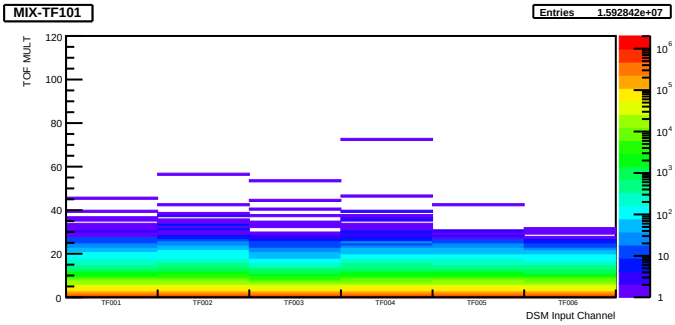

MIX-TF002
Entries 5.574946e+07
TOF MULT
TOF tray

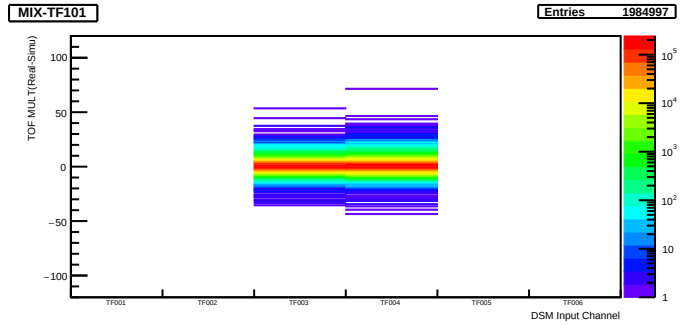

MIX-TF003
Entries 5.574946e+07
TOF MULT
TOF tray

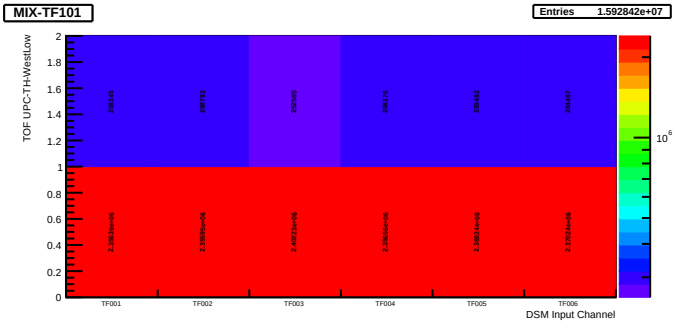

MIX-TF004
Entries 5.574946e+07
TOF MULT
TOF tray

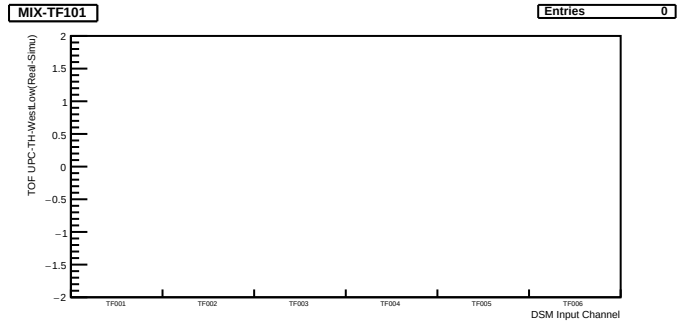

MIX-TF005
Entries 5.574946e+07
TOF MULT
TOF tray

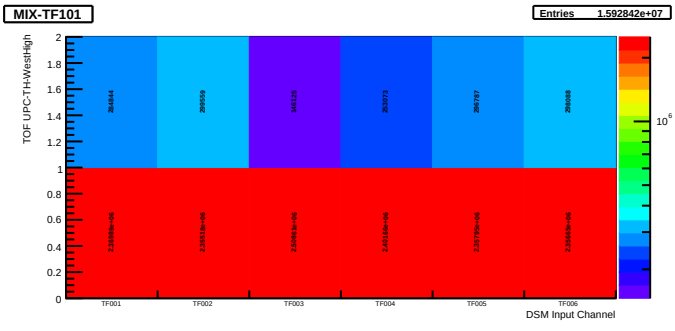

MIX-TF006
Entries 5.574946e+07
TOF MULT
TOF tray

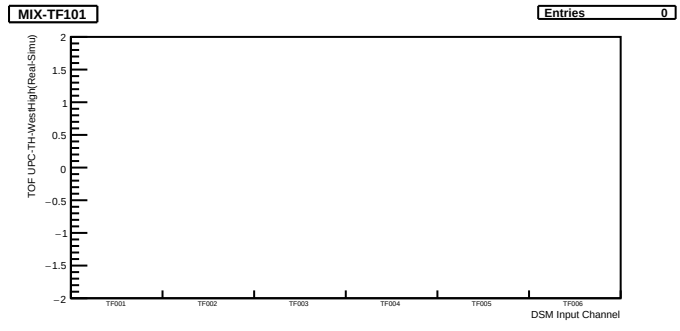

MIX-TF101
Entries 1.592842e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

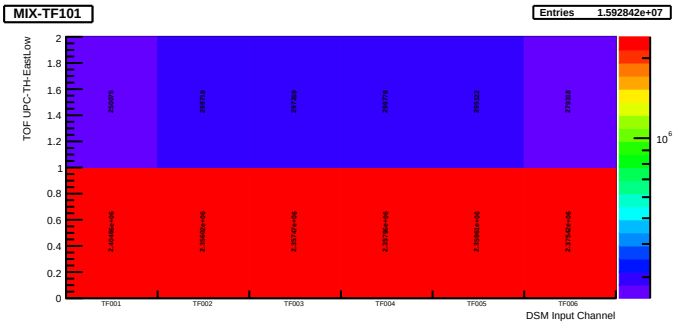

MIX-TF101
Entries 1984997
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

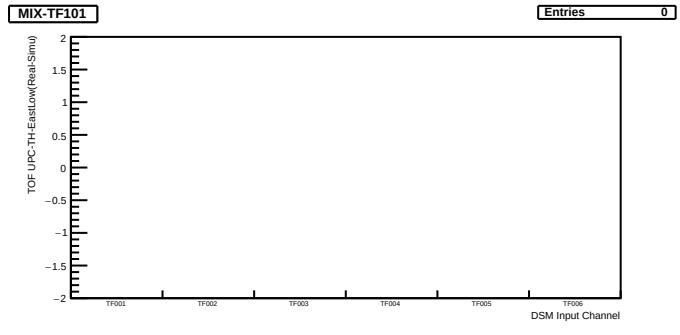

MIX-TF101
Entries 1.592842e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

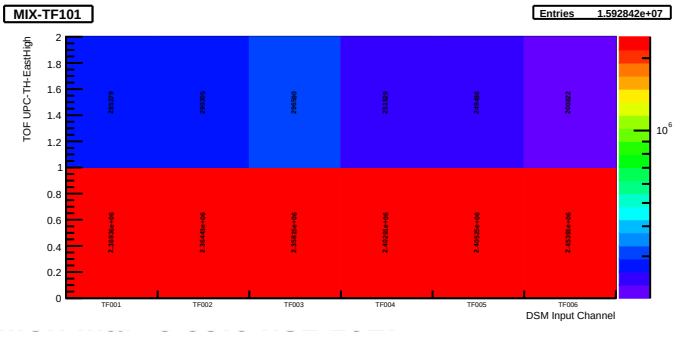

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

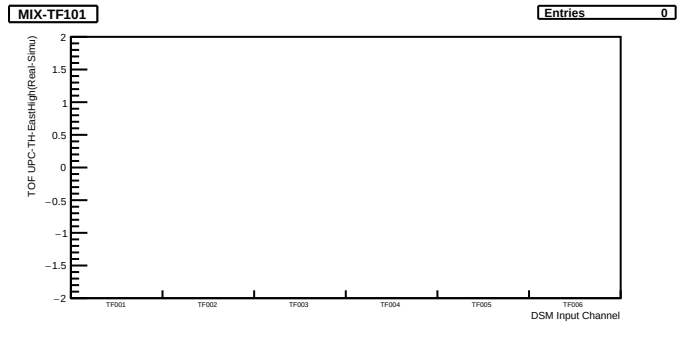

MIX-TF101
Entries 1.592842e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

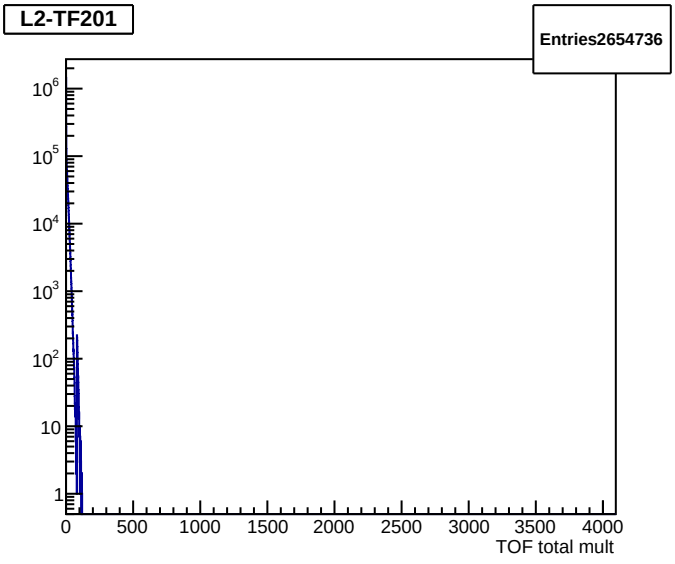

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

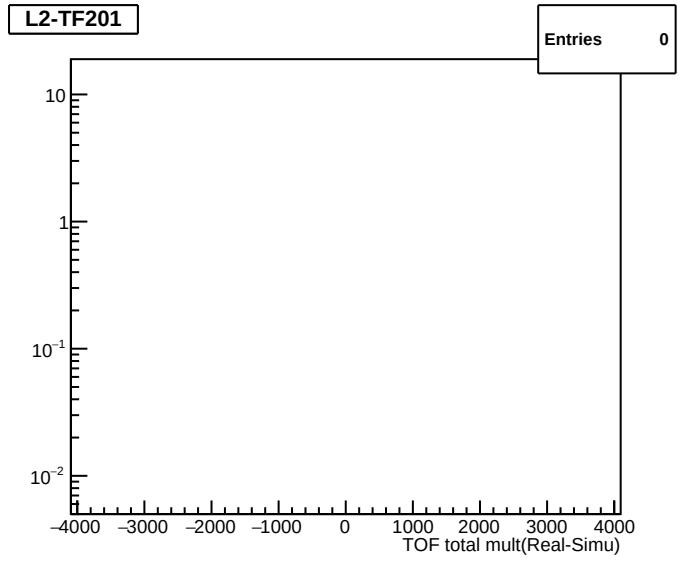

MIX-TF101
Entries 1.592842e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

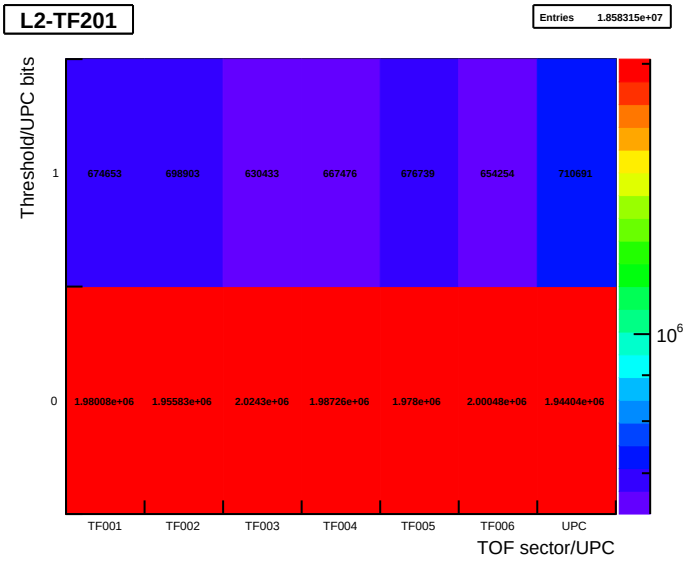

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

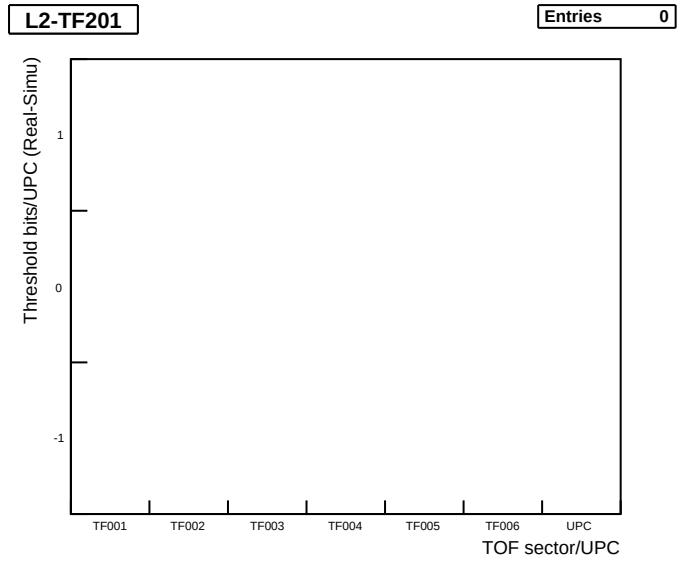

MIX-TF101
Entries 1.592842e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

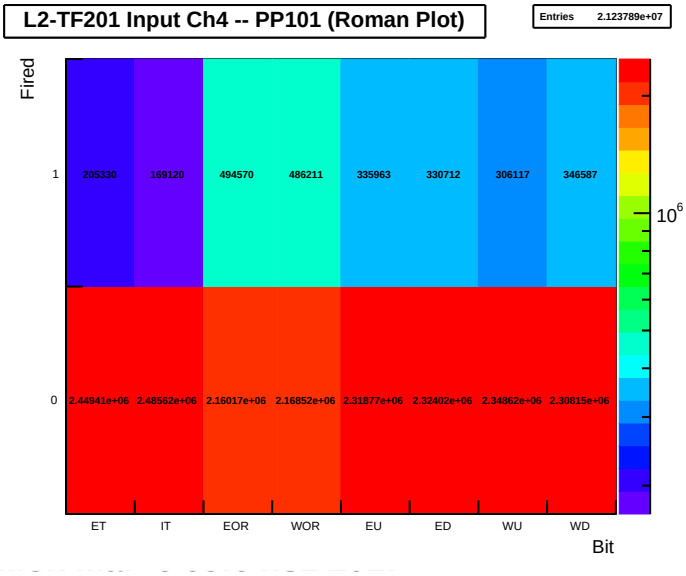

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

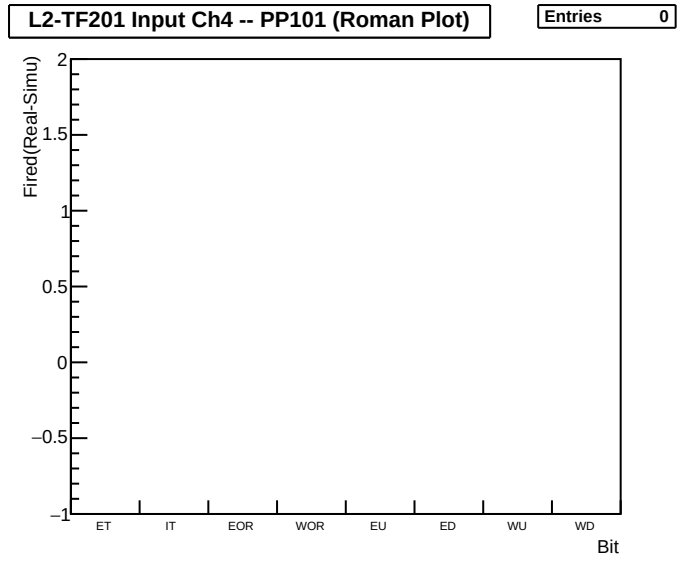

L2-TF201
Entries2654736
TOF total mult

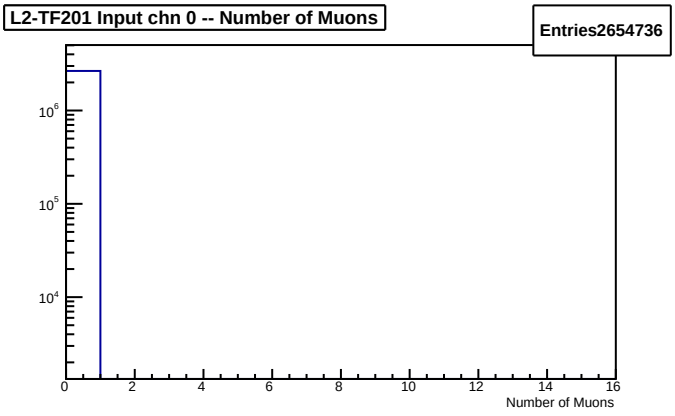

L2-TF201
Entries 0
TOF total mult(Real-Simu)

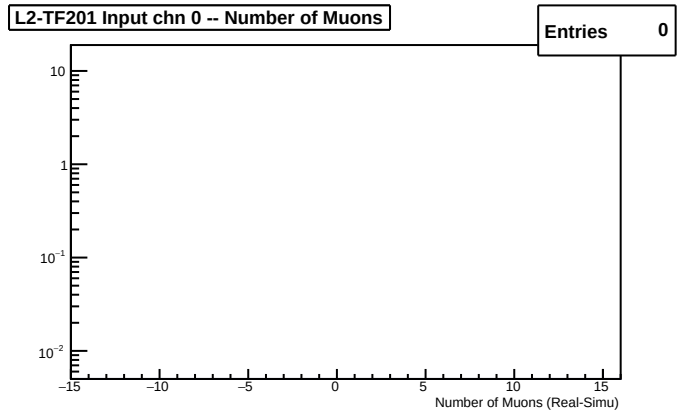

L2-TF201
Entries 1.858315e+07
Threshold/UPC bits
674653
698903
630433
667476
676739
654254
710691
1.98008e+06
1.95583e+06
2.0243e+06
1.98726e+06
1.978e+06
2.00048e+06
1.94404e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

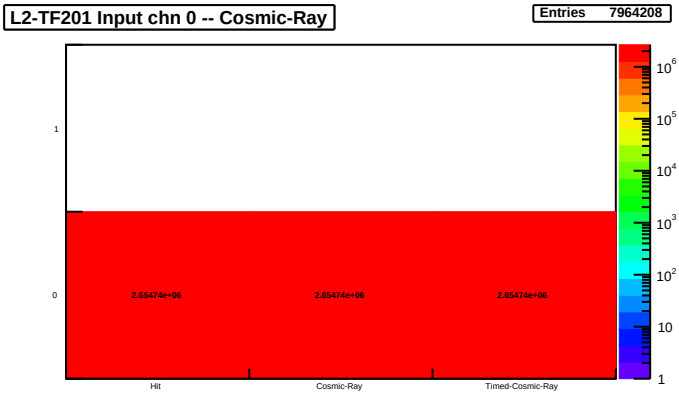

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

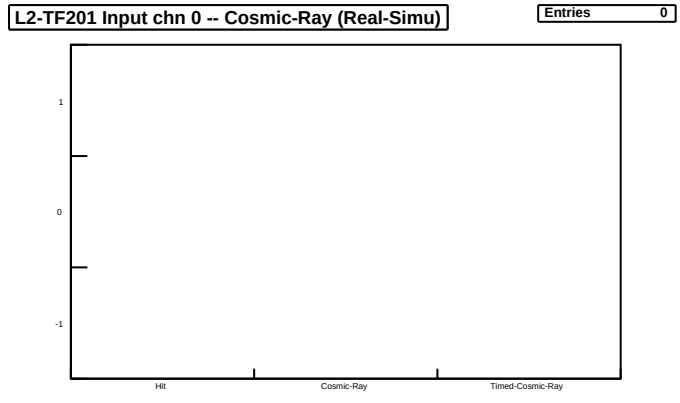

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.123789e+07
Fired
205330
169120
494570
486211
335963
330712
306117
346587
2.44941e+06
2.48562e+06
2.16017e+06
2.16852e+06
2.31877e+06
2.32402e+06
2.34862e+06
2.30815e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

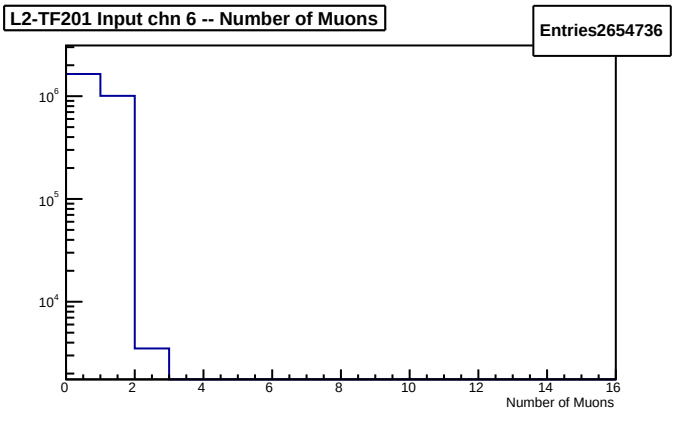

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

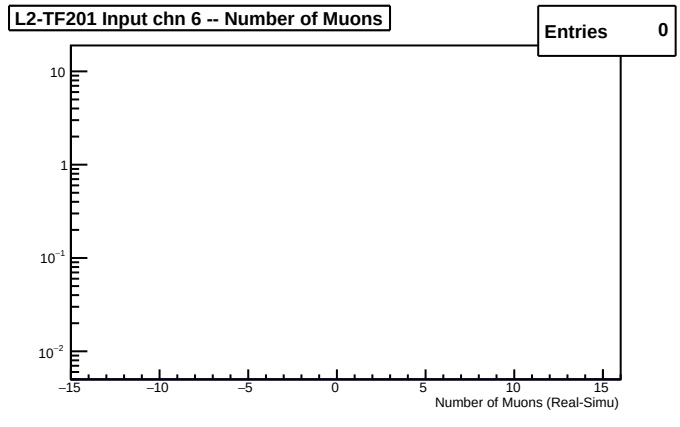

L2-TF201 Input chn 0 -- Number of Muons
Entries2654736
Number of Muons

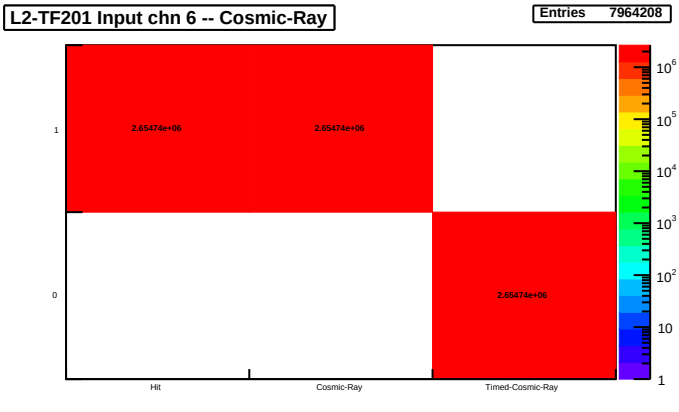

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

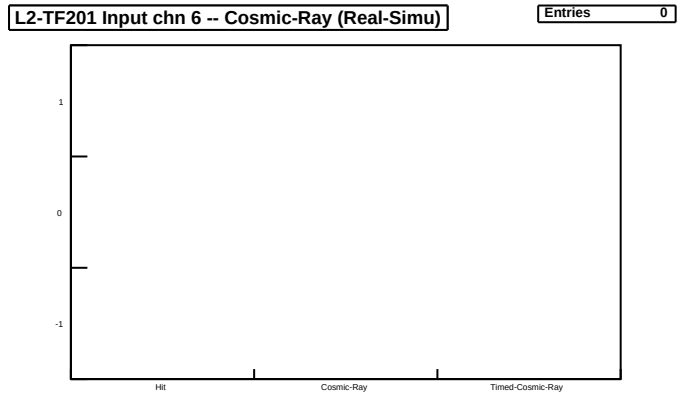

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7964208
2.65474e+06
2.65474e+06
2.65474e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

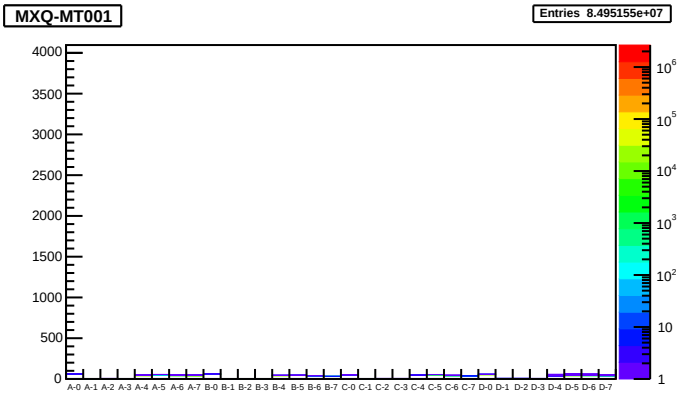

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

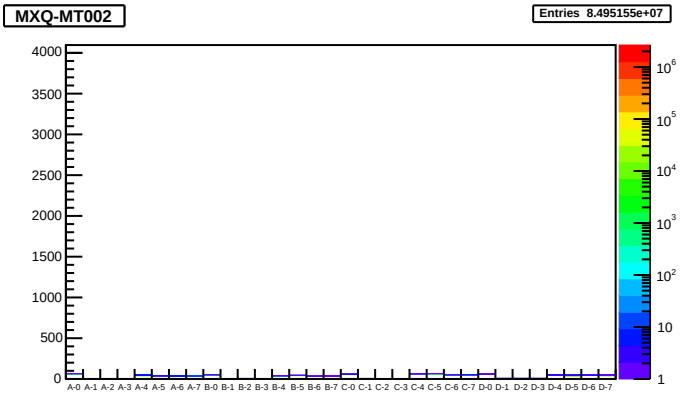

L2-TF201 Input chn 6 -- Number of Muons
Entries2654736
Number of Muons

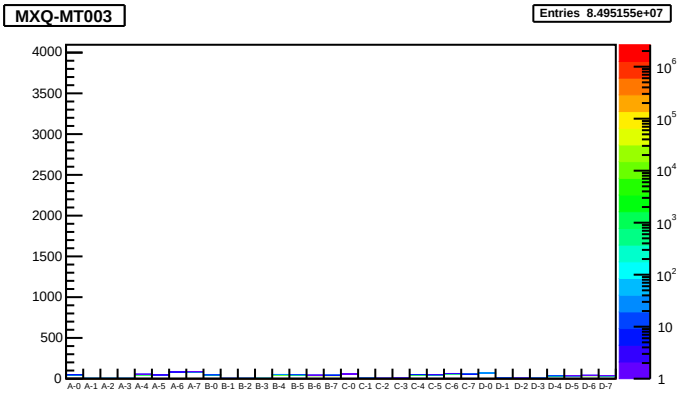

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

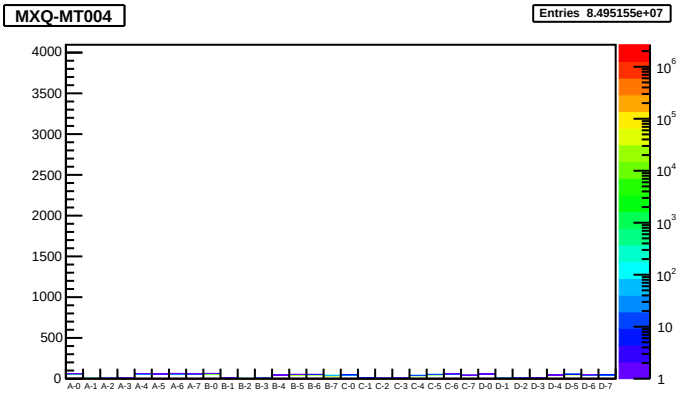

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 7964208
2.65474e+06
2.65474e+06
2.65474e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

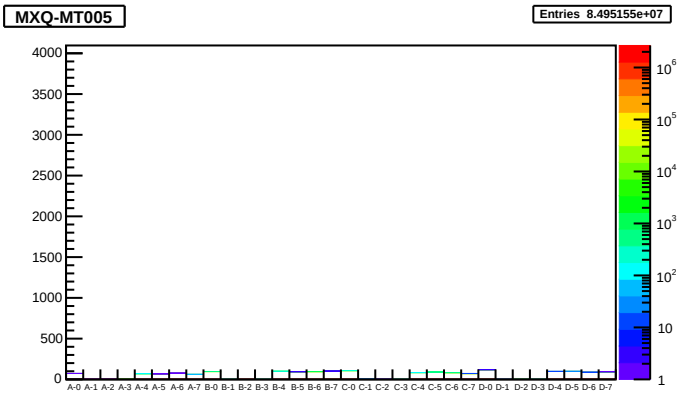

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

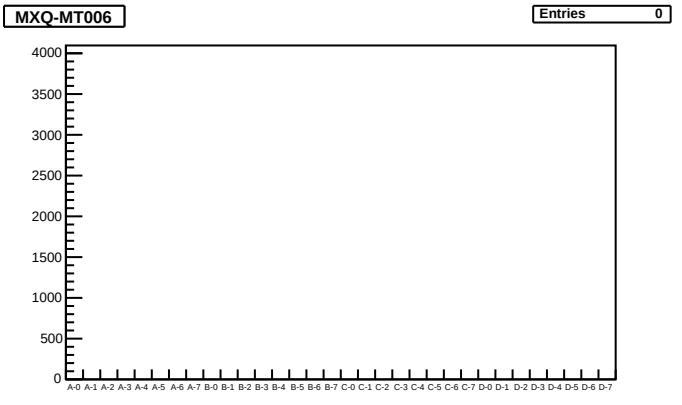

MXQ-MT001
Entries 8.495155e+07

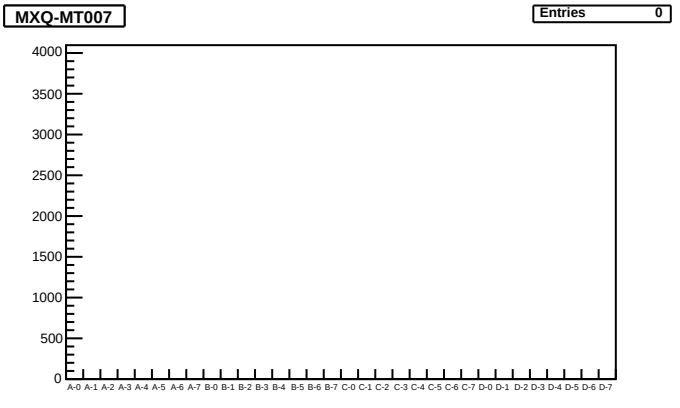

MXQ-MT002
Entries 8.495155e+07

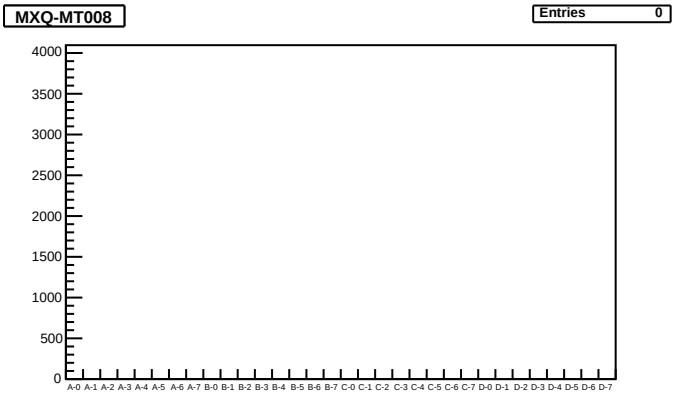

MXQ-MT003
Entries 8.495155e+07

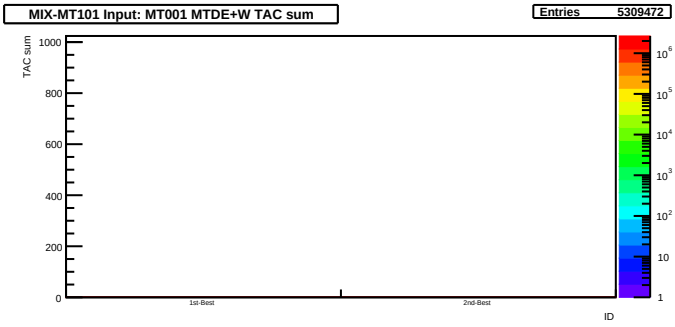

MXQ-MT004
Entries 8.495155e+07

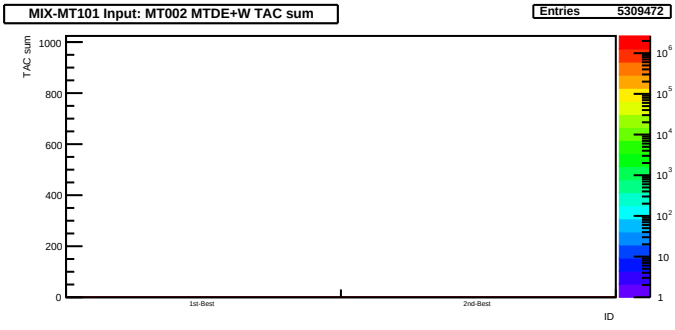

MXQ-MT005
Entries 8.495155e+07

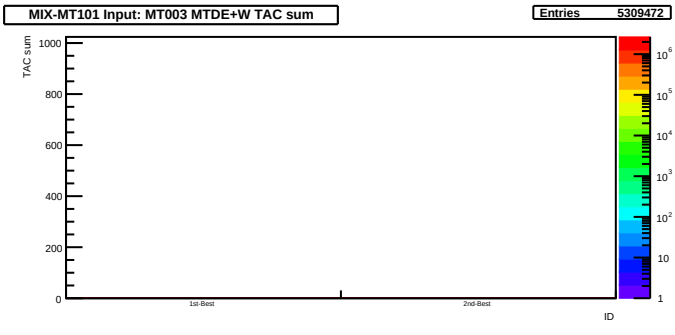

MXQ-MT006
Entries 0

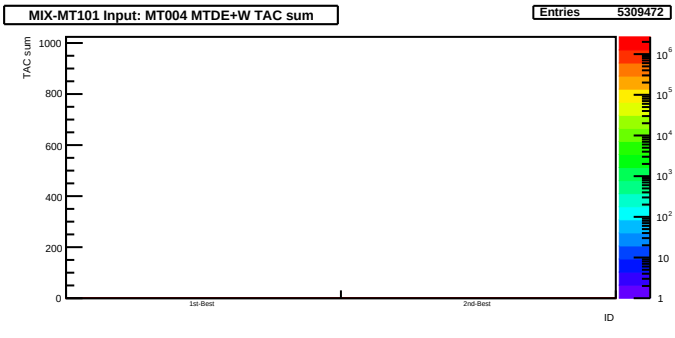

MXQ-MT007
Entries 0

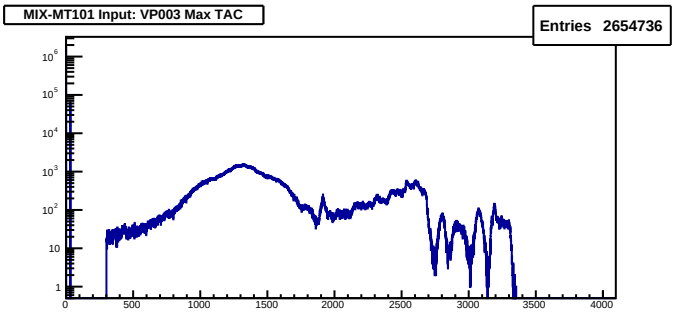

MXQ-MT008
Entries 0

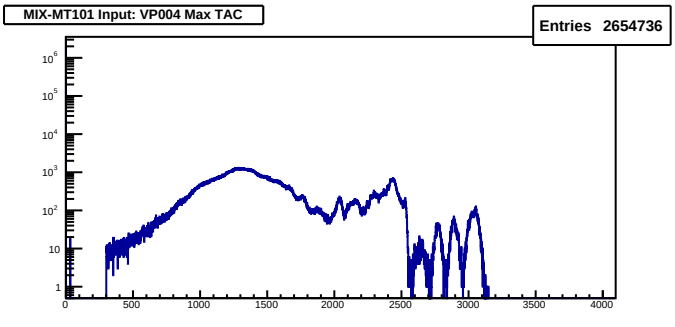

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5309472
TAC sum
1st-Best
2nd-Best
ID

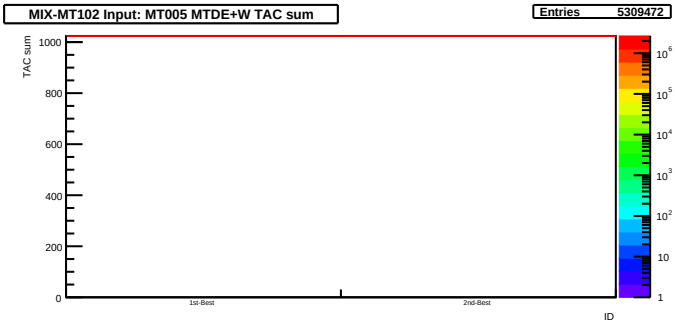

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5309472
TAC sum
1st-Best
2nd-Best
ID

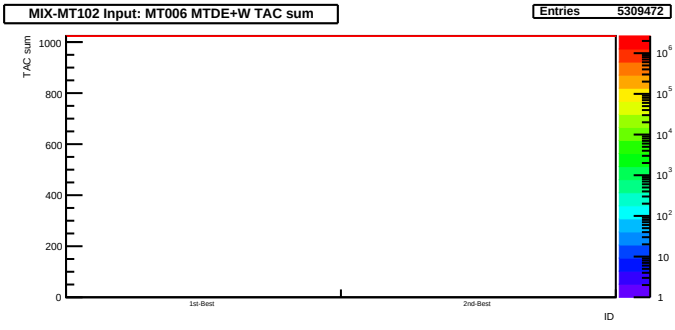

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5309472
TAC sum
1st-Best
2nd-Best
ID

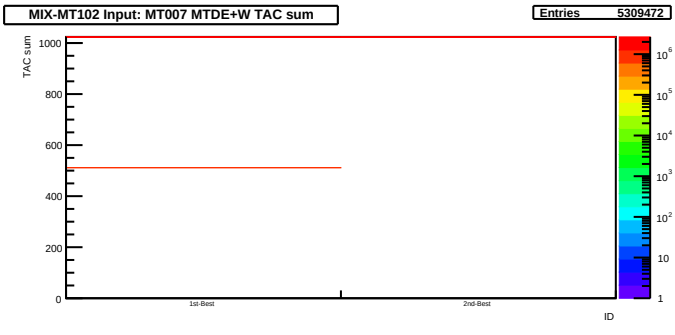

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5309472
TAC sum
1st-Best
2nd-Best
ID

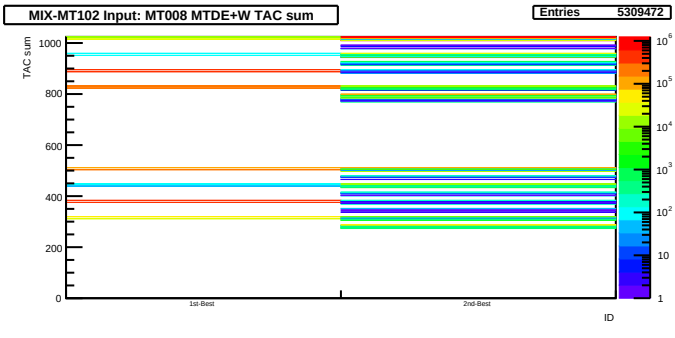

MIX-MT101 Input: VP003 Max TAC
Entries 2654736

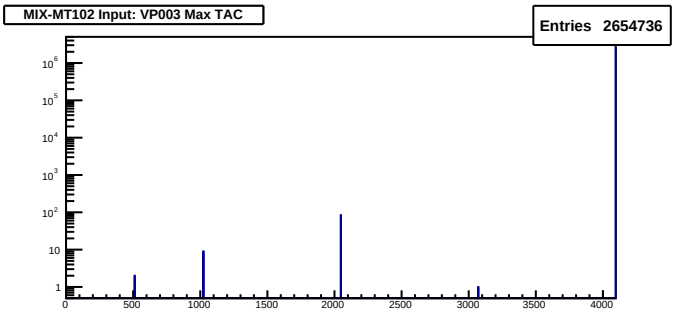

MIX-MT101 Input: VP004 Max TAC
Entries 2654736

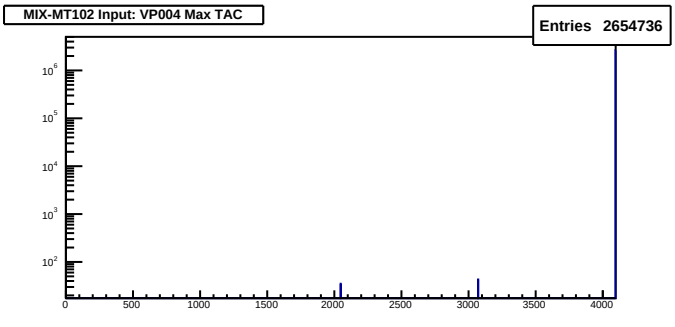

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 5309472
TAC sum
1st-Best
2nd-Best
ID

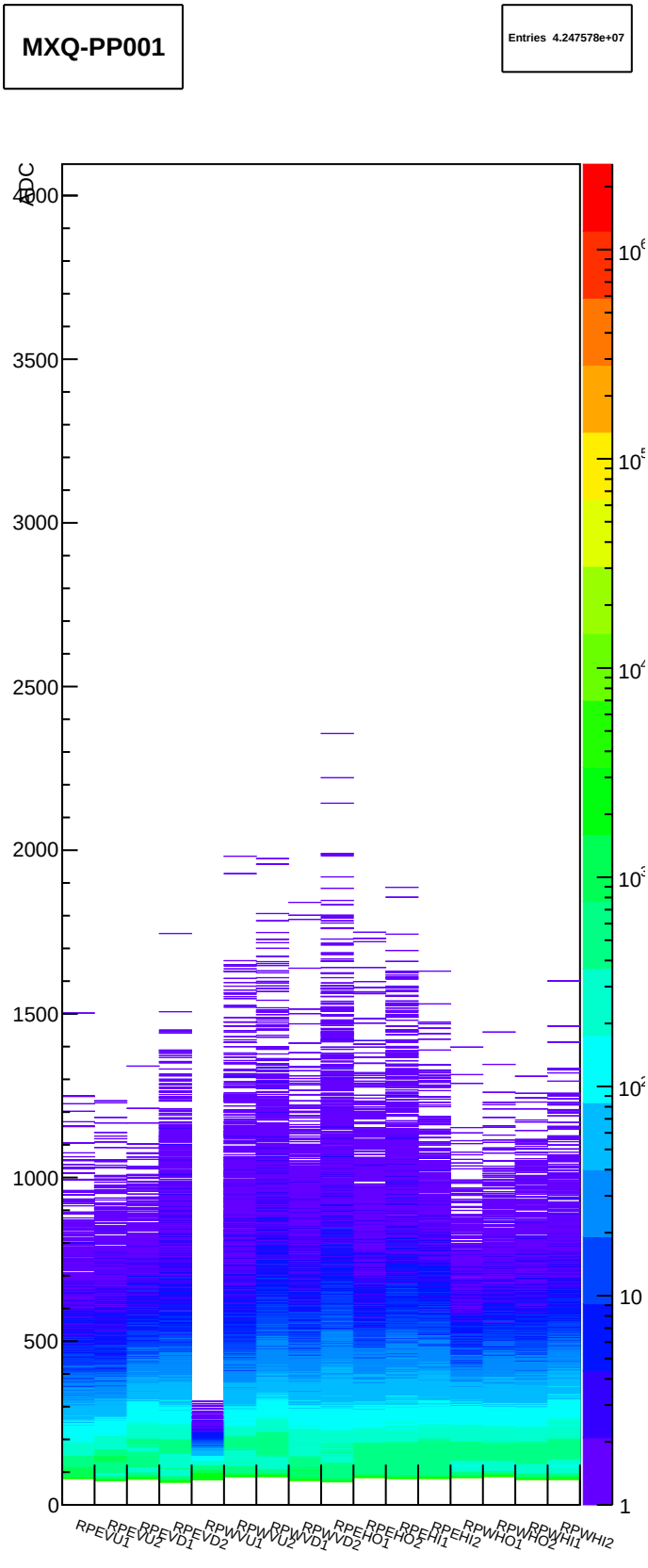

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 5309472
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 5309472
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 5309472
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 2654736


MIX-MT102 Input: VP004 Max TAC
Entries 2654736


MXQ-PP001
Entries 4.247578e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHO2
RPEHI1
RPEHI2
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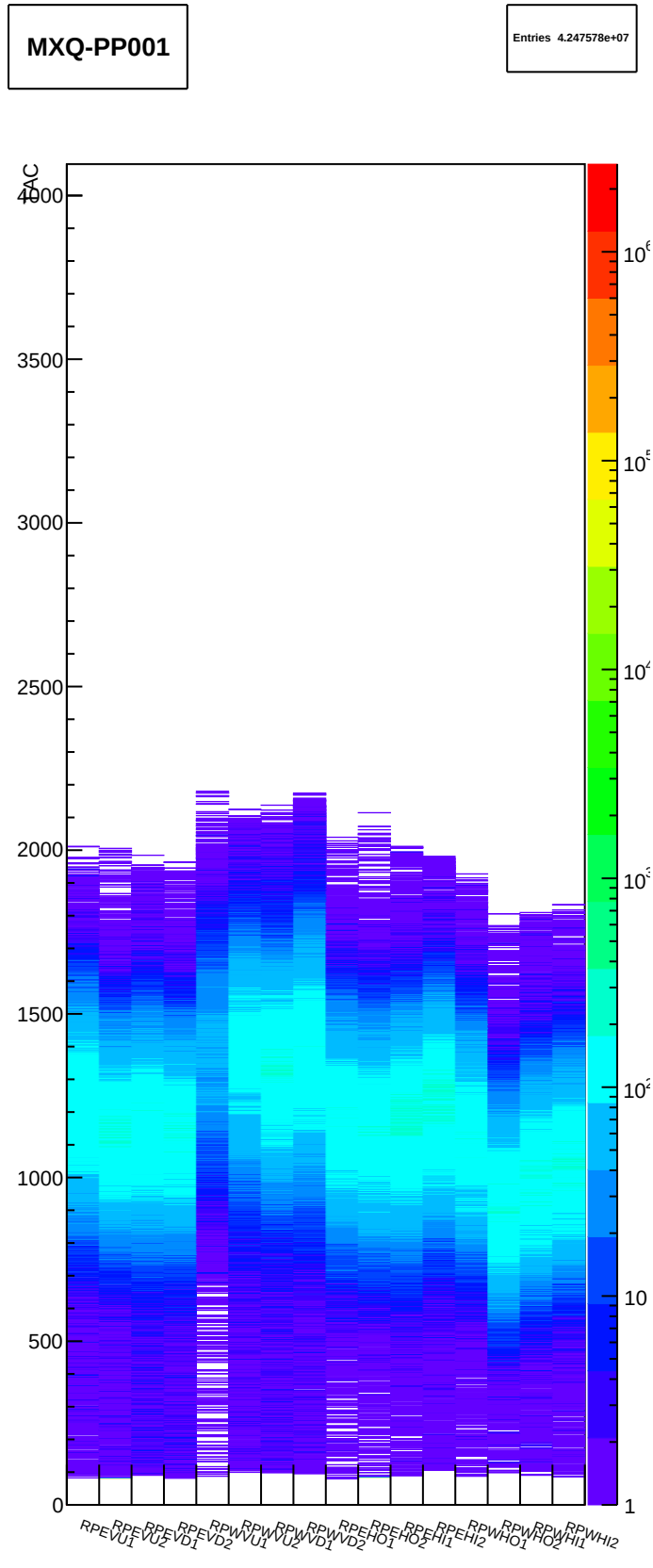
RPWHO2
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 4.247578e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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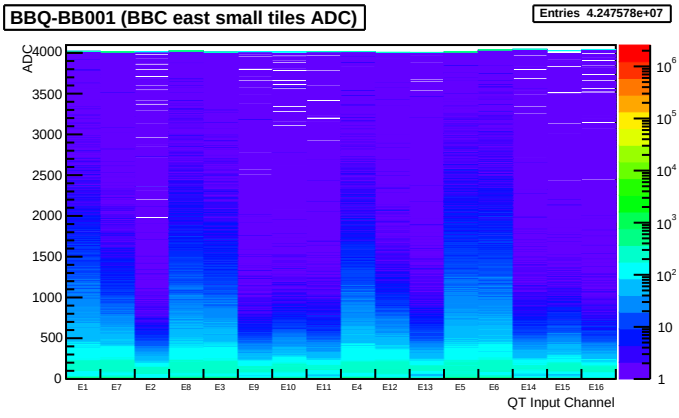
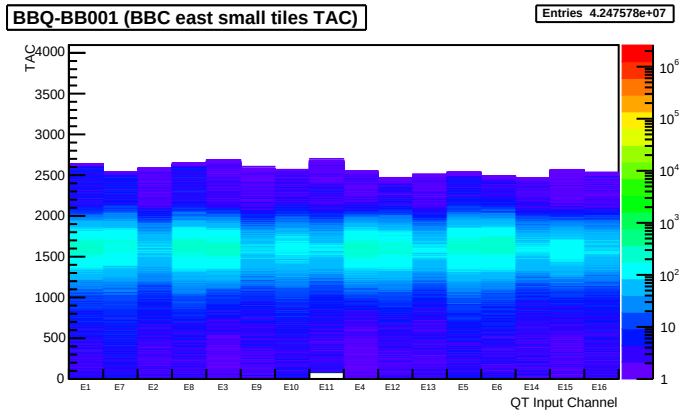
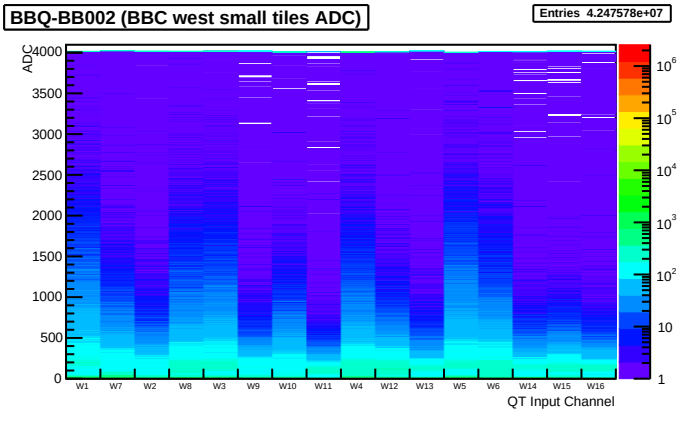
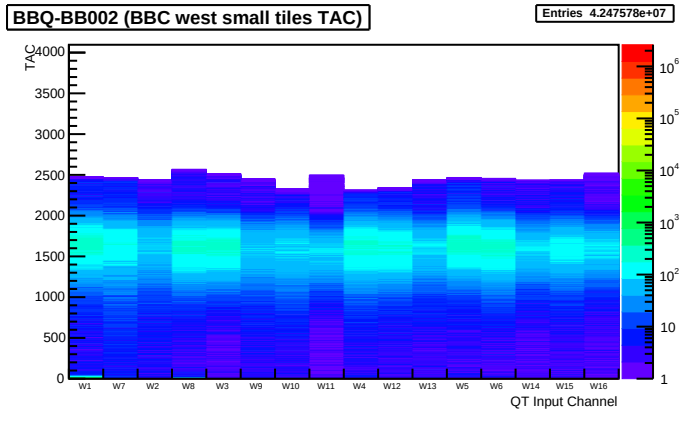
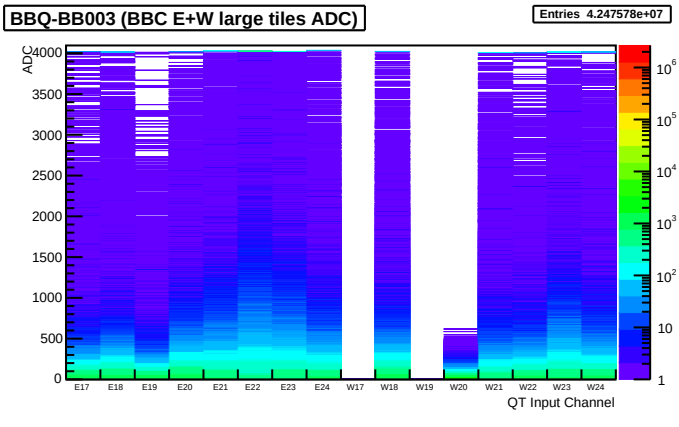
RPWHO2
RPWHI1
RPWHI2
1
10

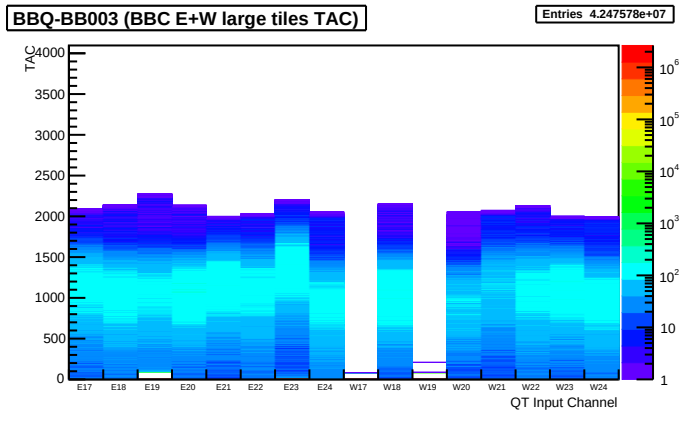

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.247578e+07
ADC
QT Input Channel

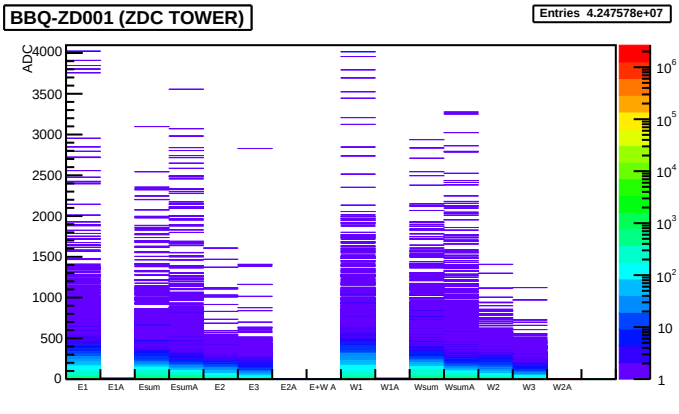

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.247578e+07
TAC
QT Input Channel

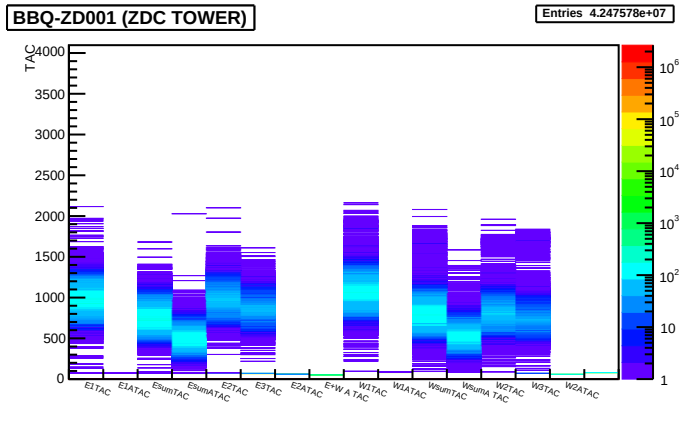

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.247578e+07
ADC
QT Input Channel

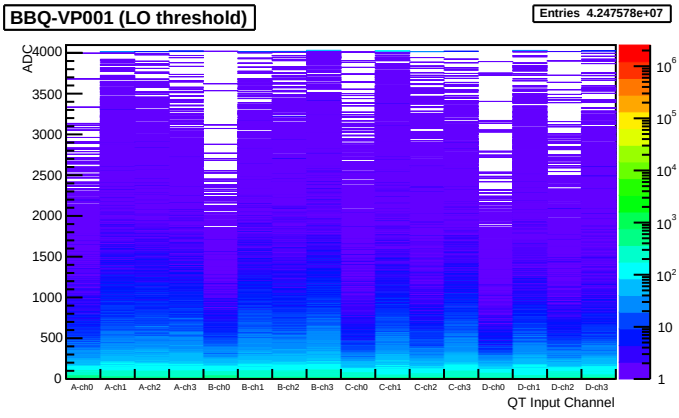

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.247578e+07
TAC
QT Input Channel

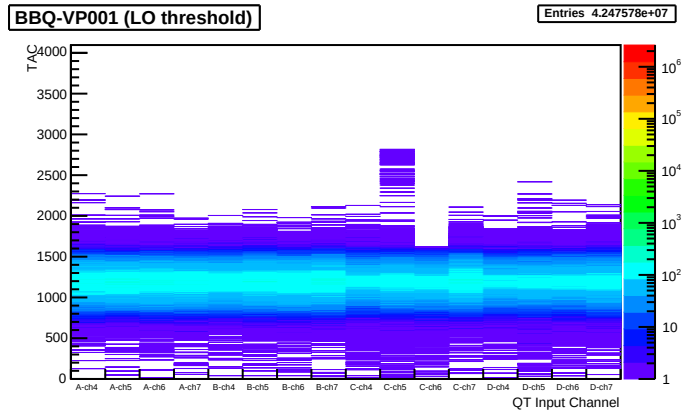

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.247578e+07
ADC
QT Input Channel

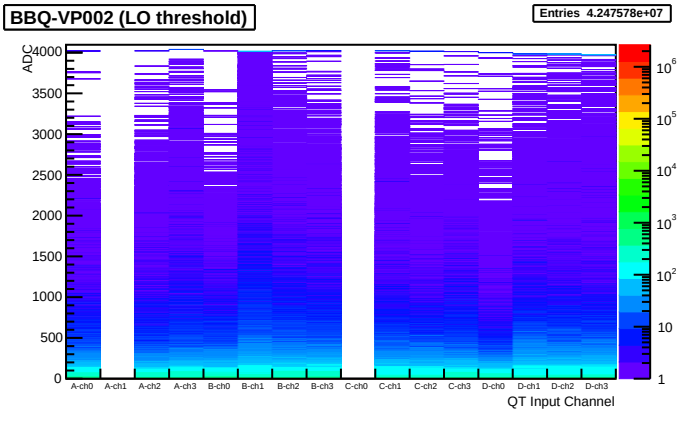

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.247578e+07
TAC
QT Input Channel

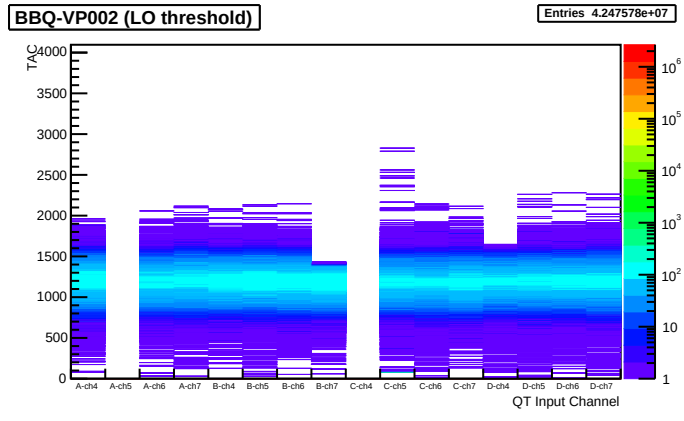

BBQ-ZD001 (ZDC TOWER)
Entries 4.247578e+07
ADC

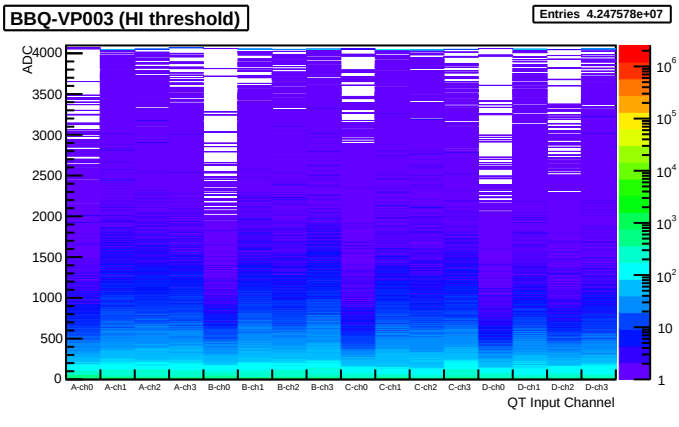

BBQ-ZD001 (ZDC TOWER)
Entries 4.247578e+07
TAC

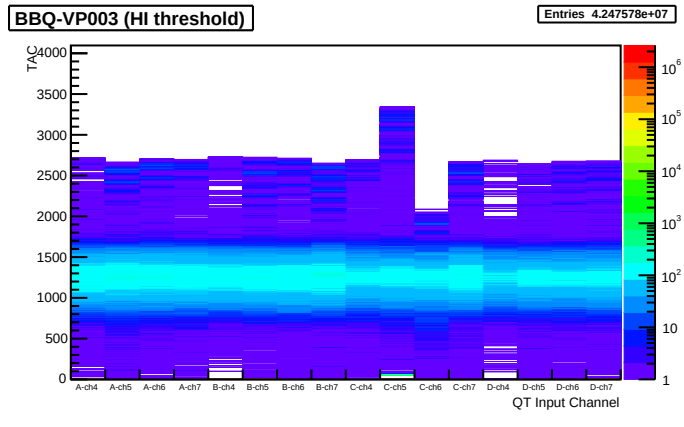

BBQ-VP001 (LO threshold)
Entries 4.247578e+07
ADC
QT Input Channel

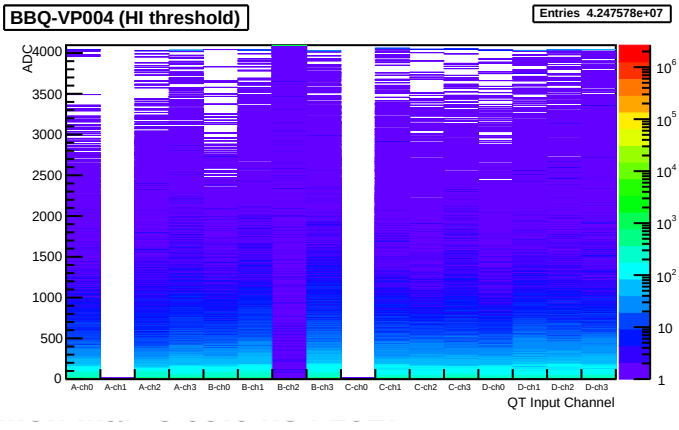

BBQ-VP001 (LO threshold)
Entries 4.247578e+07
TAC
QT Input Channel

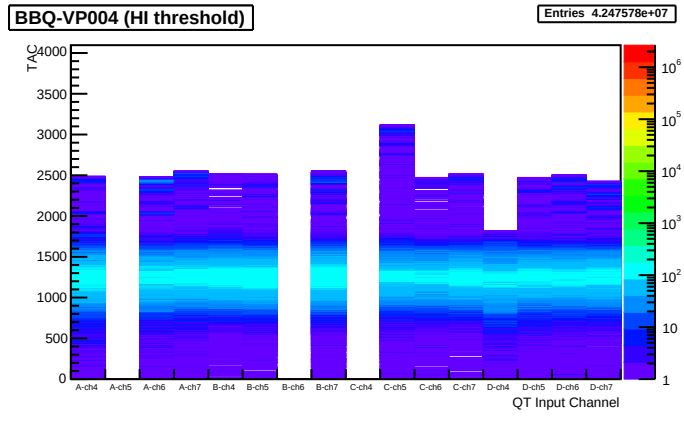

BBQ-VP002 (LO threshold)
Entries 4.247578e+07
ADC
QT Input Channel

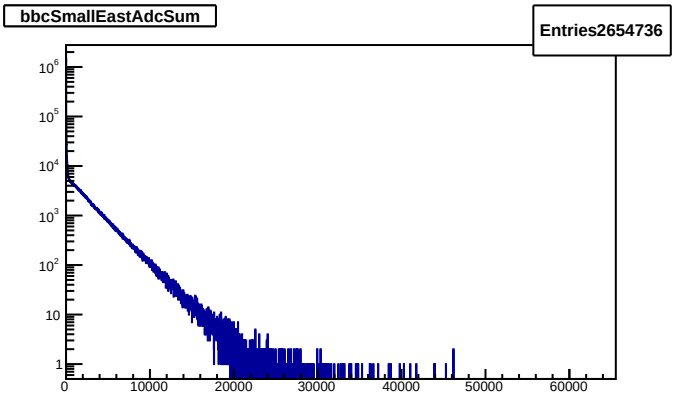

BBQ-VP002 (LO threshold)
Entries 4.247578e+07
TAC
QT Input Channel

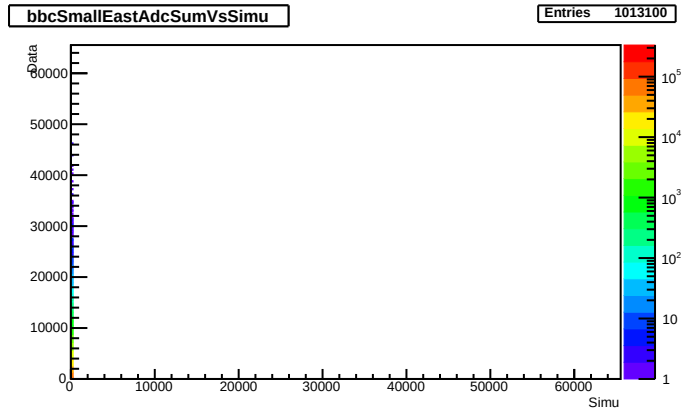

BBQ-VP003 (HI threshold)
Entries 4.247578e+07
ADC
QT Input Channel

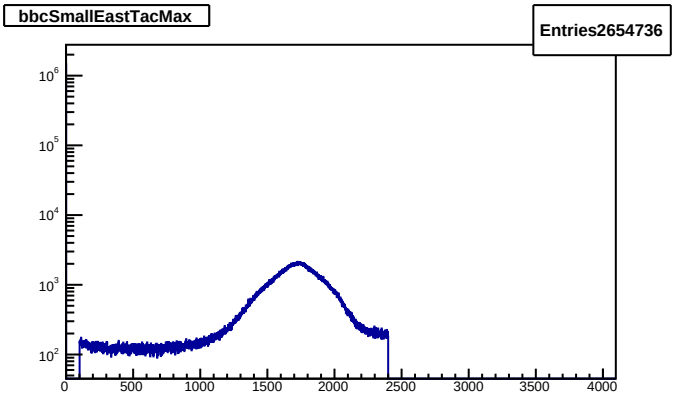

BBQ-VP003 (HI threshold)
Entries 4.247578e+07
TAC
QT Input Channel

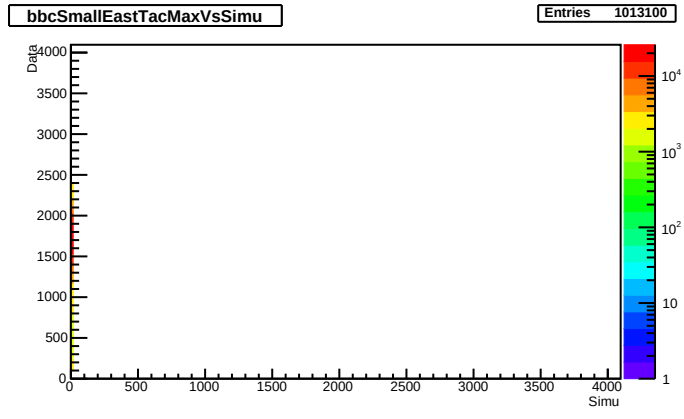

BBQ-VP004 (HI threshold)
Entries 4.247578e+07
ADC
QT Input Channel

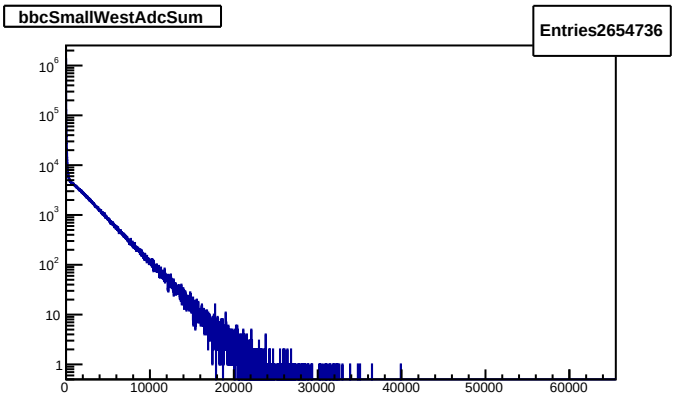

BBQ-VP004 (HI threshold)
Entries 4.247578e+07
TAC
QT Input Channel

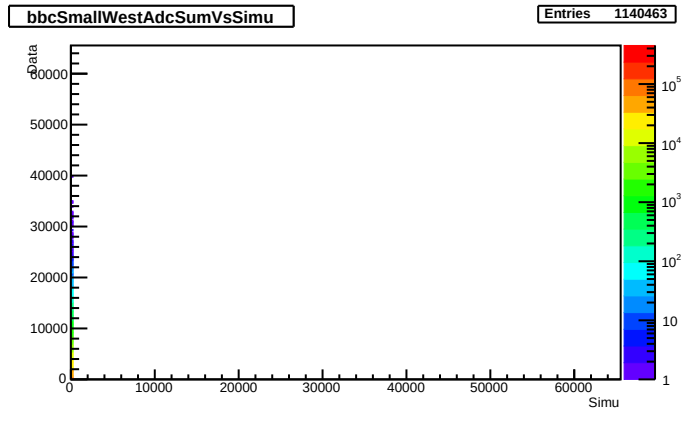

bbcSmallEastAdcSum
Entries2654736

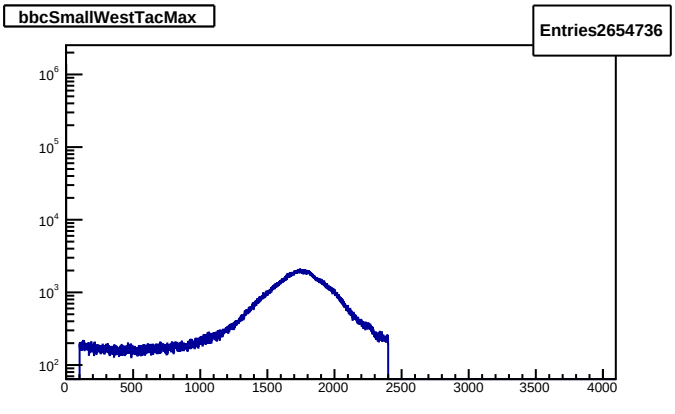

bbcSmallEastAdcSumVsSimu
Entries 1013100
Data
Simu

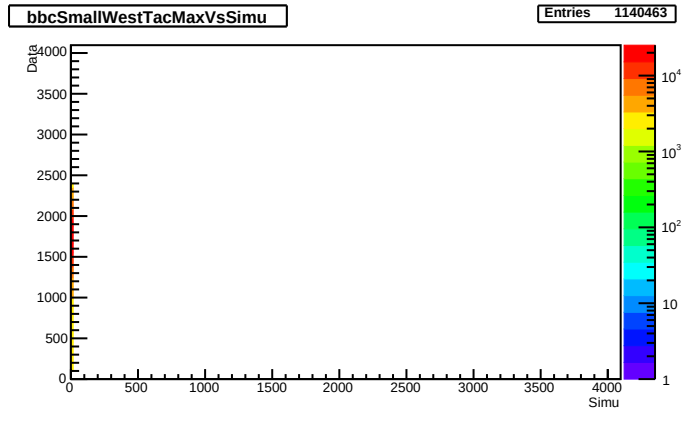

bbcSmallEastTacMax
Entries2654736

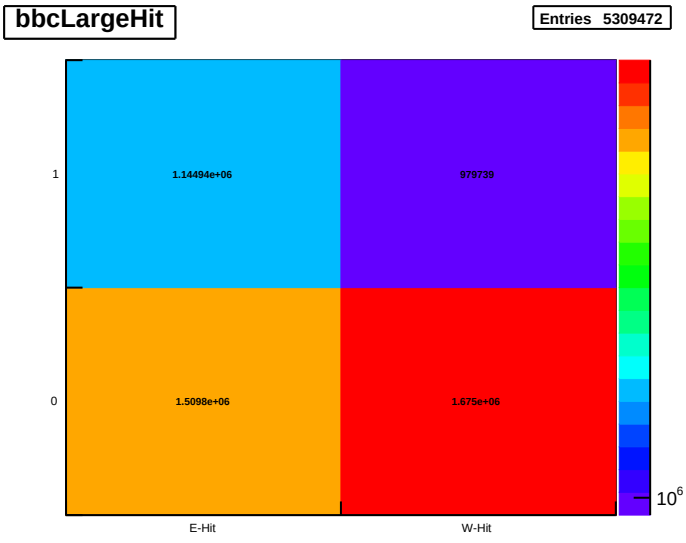

bbcSmallEastTacMaxVsSimu
Entries 1013100
Data
Simu

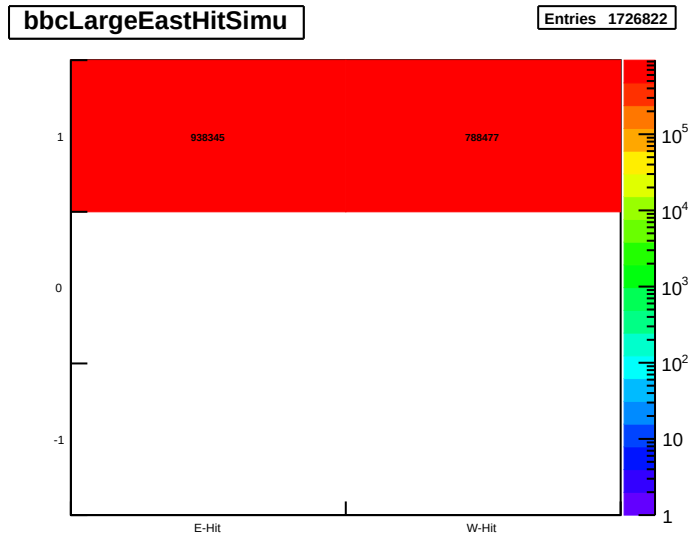

bbcSmallWestAdcSum
Entries2654736

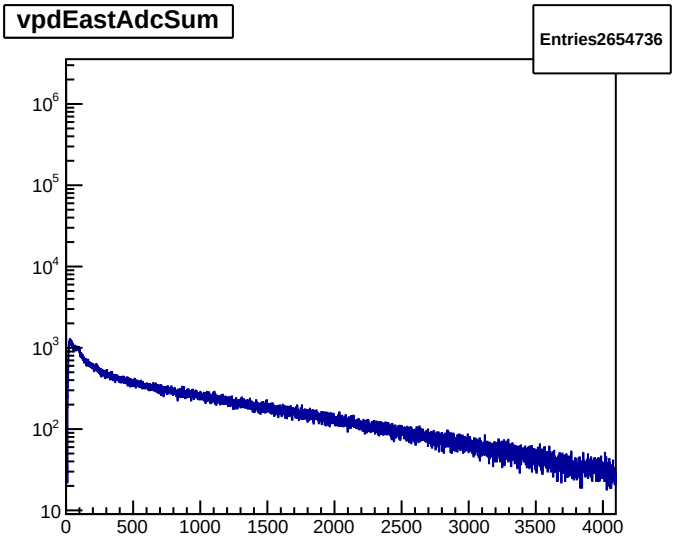

bbcSmallWestAdcSumVsSimu
Entries 1140463
Data
Simu

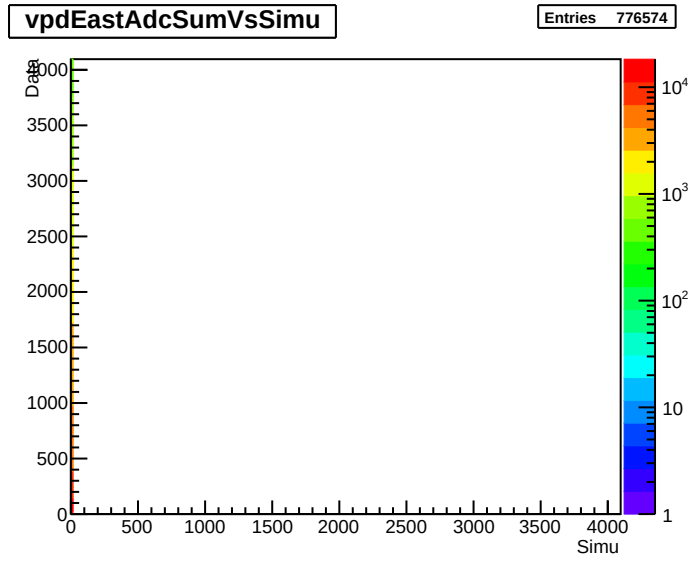

bbcSmallWestTacMax
Entries2654736

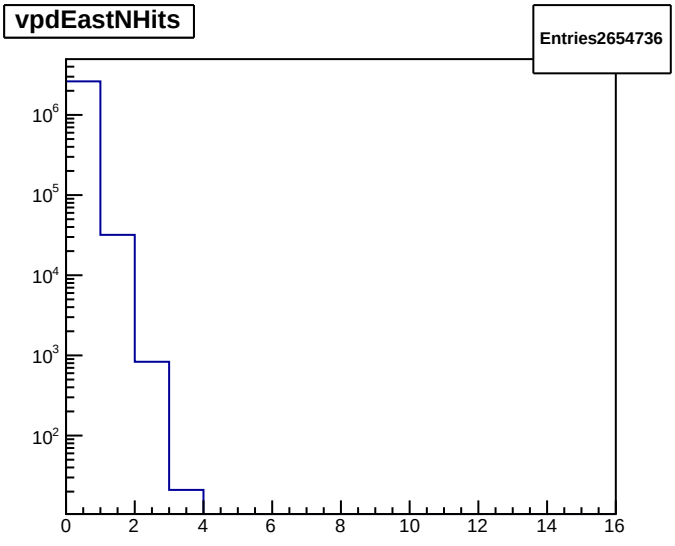

bbcSmallWestTacMaxVsSimu
Entries 1140463
Data
Simu

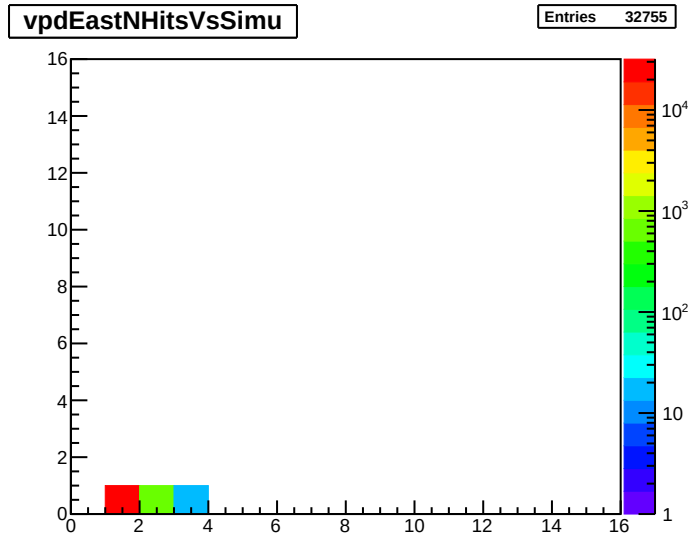

bbcLargeHit
Entries 5309472
1.14494e+06
979739
1.5098e+06
1.675e+06
1
0
E-Hit
W-Hit
10^6

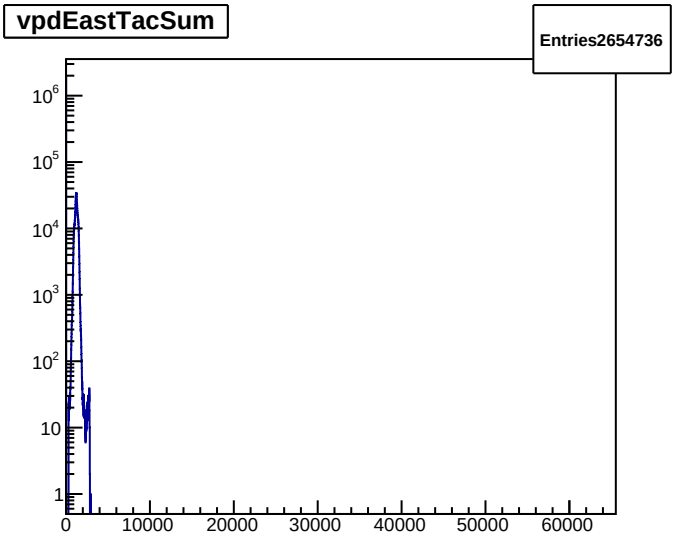

bbcLargeEastHitSimu
Entries 1726822
938345
788477
1
0
-1
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

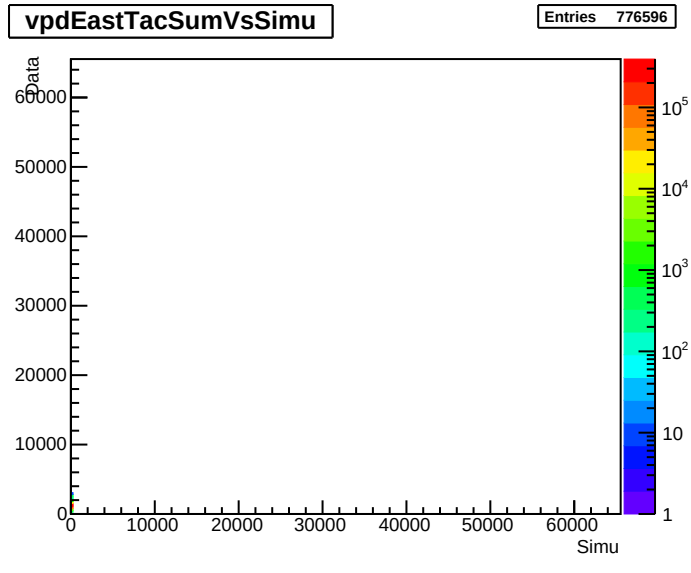

vpdEastAdcSum
Entries2654736

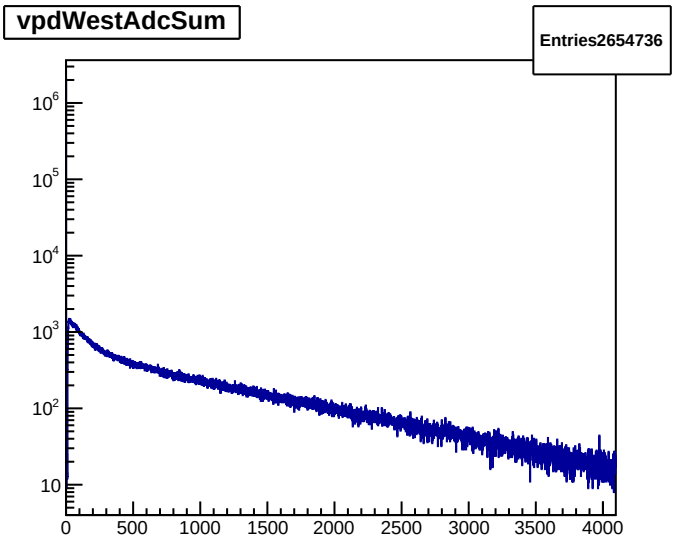

vpdEastAdcSumVsSimu
Entries 776574
Data
Simu

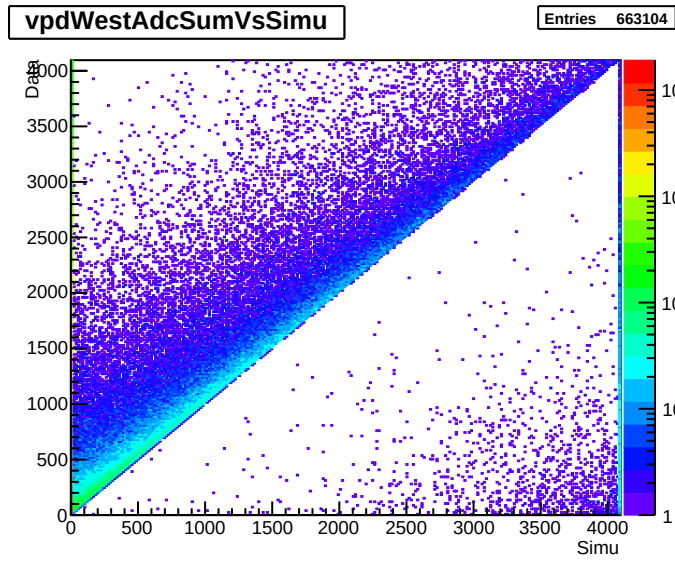

vpdEastNHits
Entries2654736

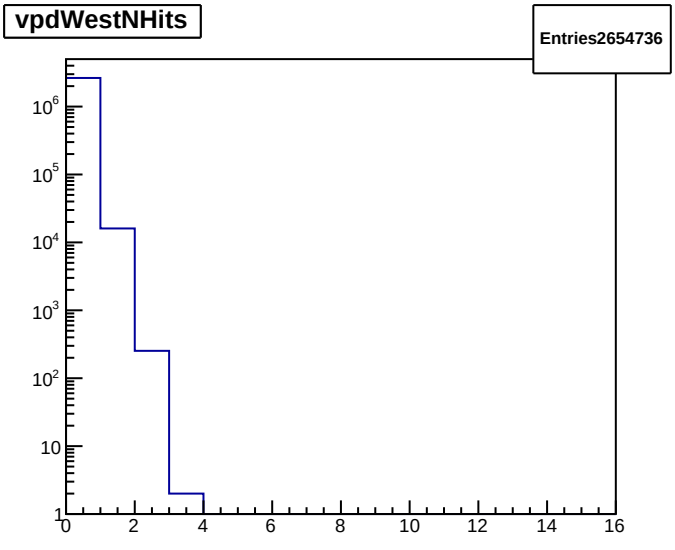

vpdEastNHitsVsSimu
Entries 32755

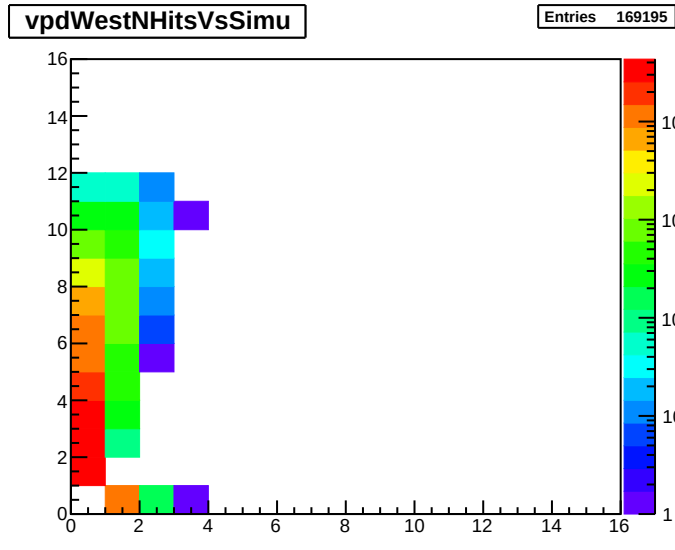

vpdEastTacSum
Entries2654736

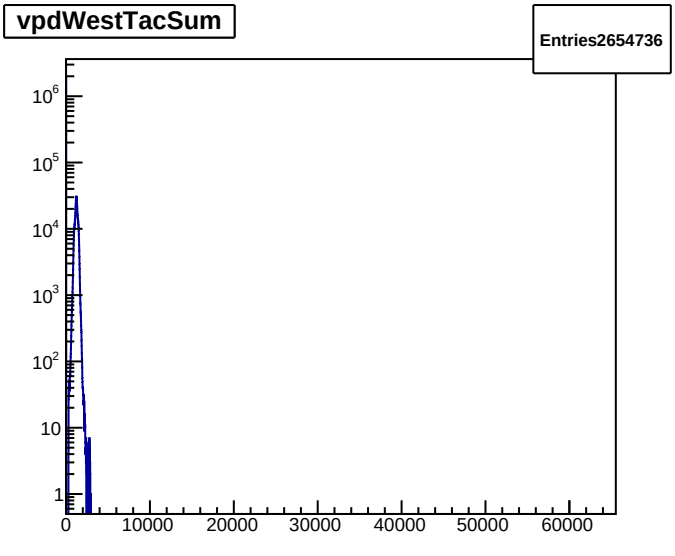

vpdEastTacSumVsSimu
Entries 776596
Data
Simu

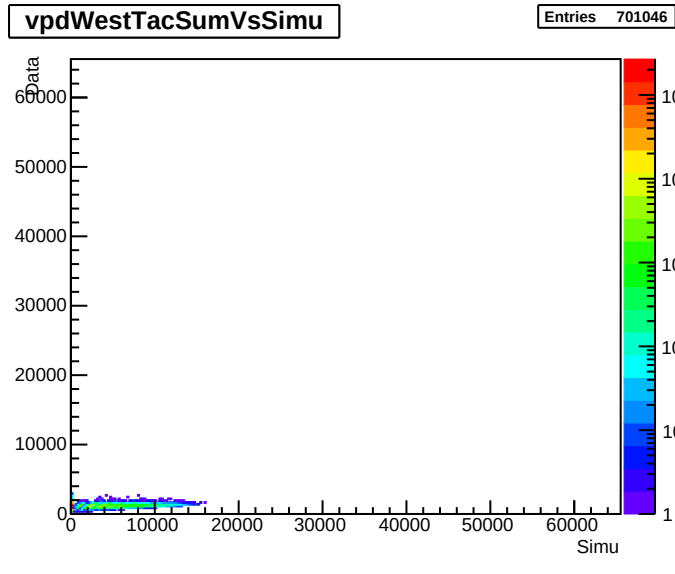

vpdWestAdcSum
Entries2654736

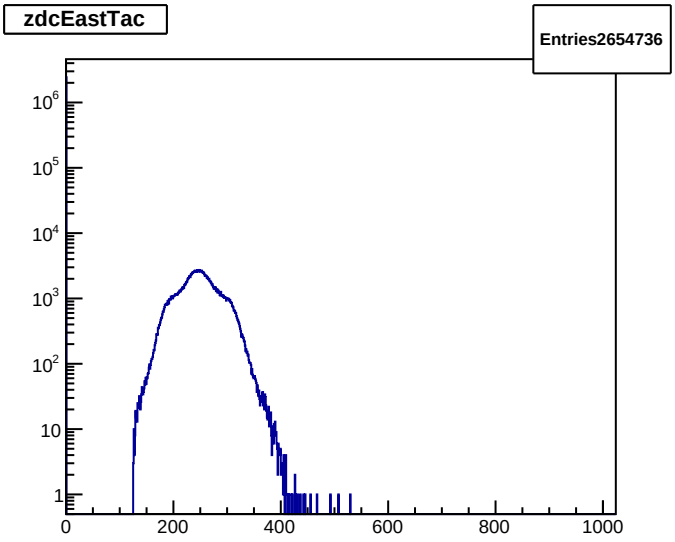

vpdWestAdcSumVsSimu
Entries 663104
Data
Simu

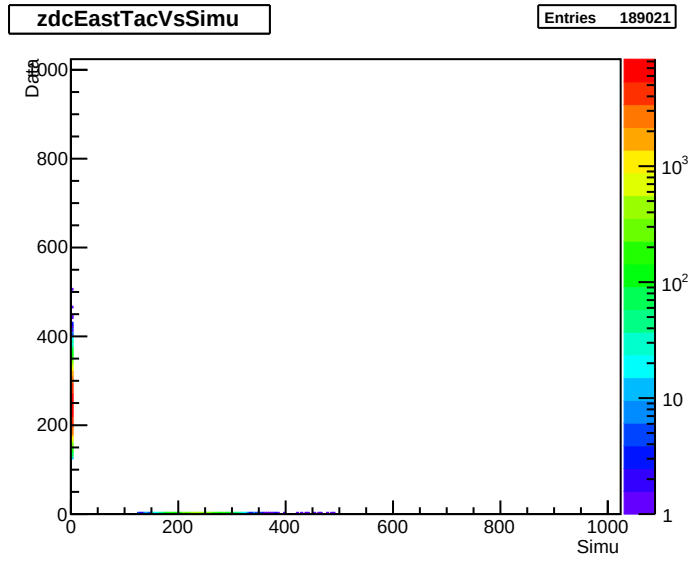

vpdWestNHits
Entries2654736

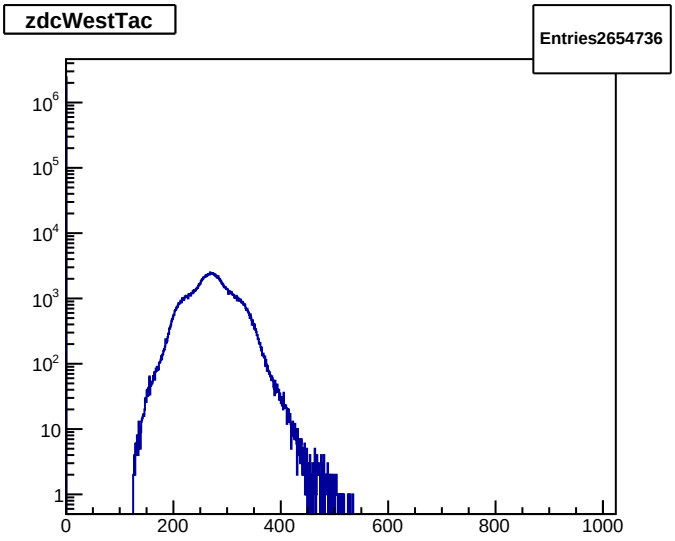

vpdWestNHitsVsSimu
Entries 169195

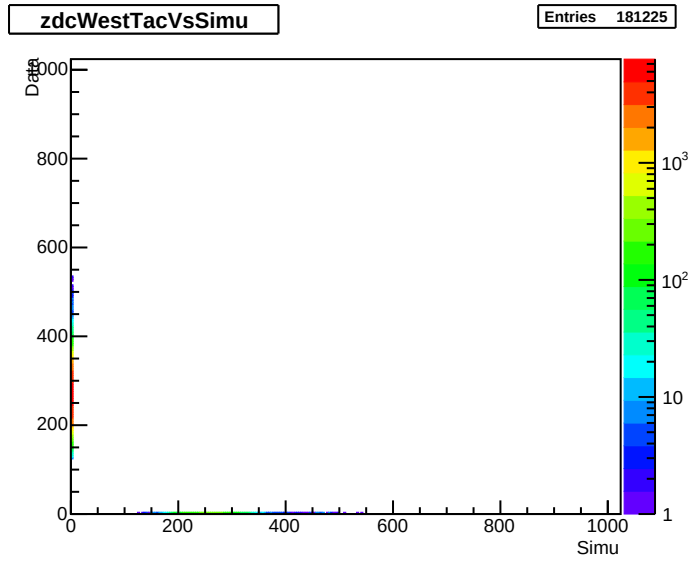

vpdWestTacSum
Entries2654736

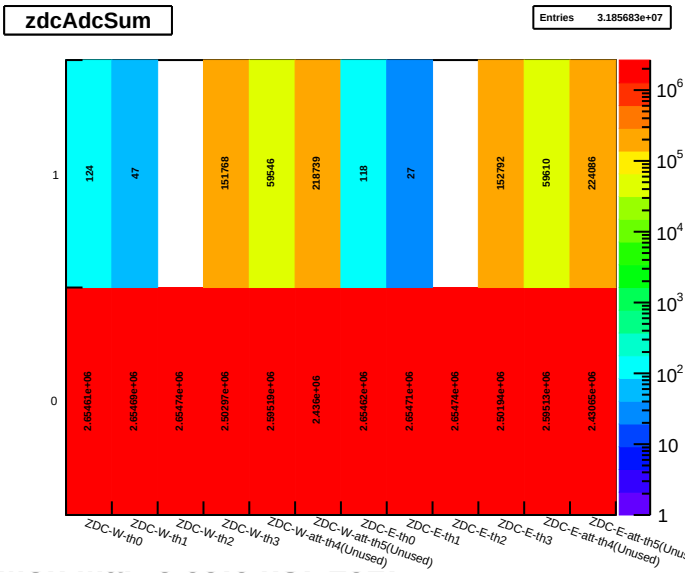

vpdWestTacSumVsSimu
Entries 701046
Data
Simu

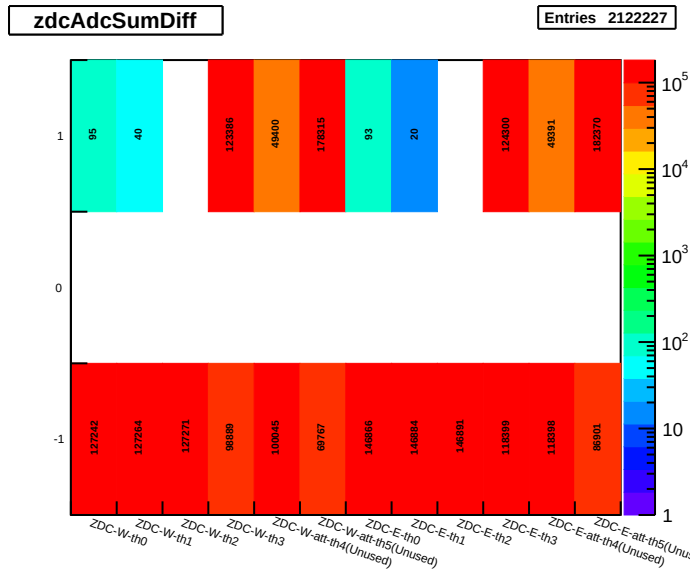

zdcEastTac
Entries2654736

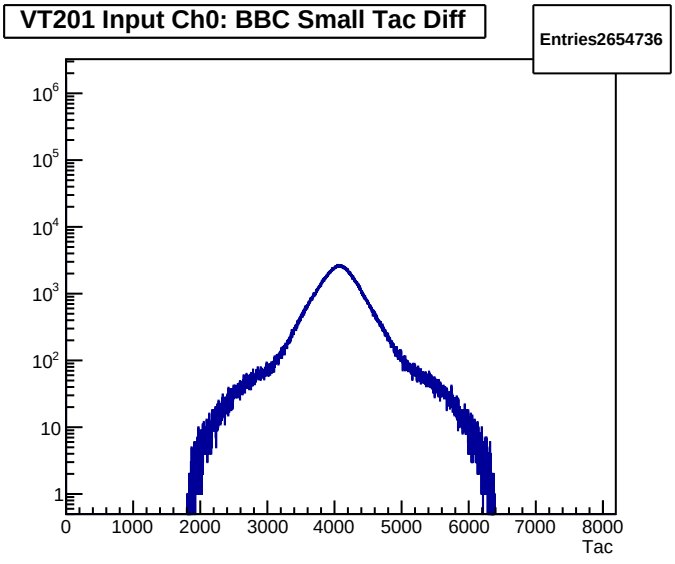

zdcEastTacVsSimu
Entries 189021
Data
Simu

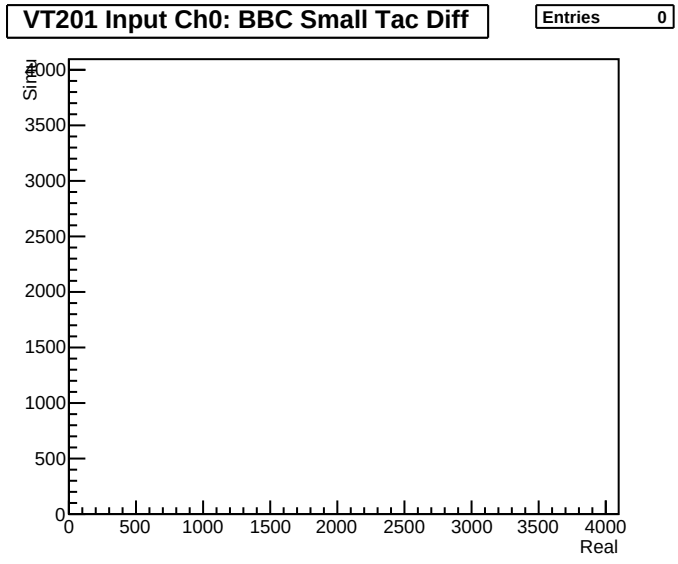

zdcWestTac
Entries2654736

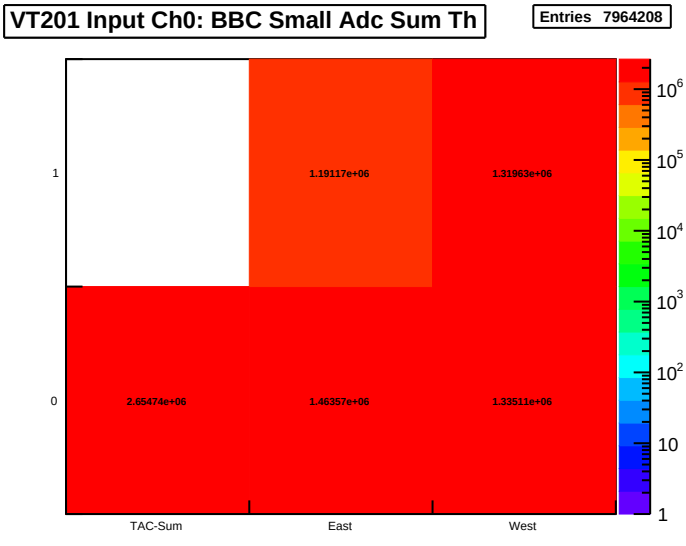

zdcWestTacVsSimu
Entries 181225
Data
Simu

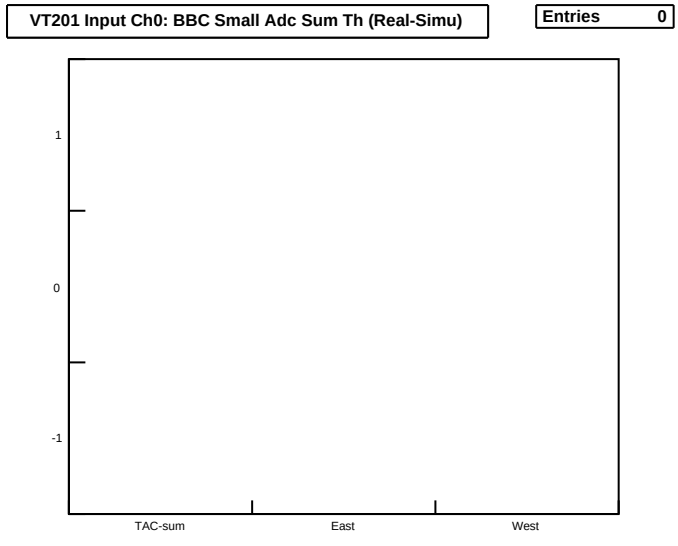

zdcAdcSum
Entries 3.185683e+07
124
47
151768
59546
219739
118
27
152792
59610
224086
2.65461e+06
2.65469e+05
2.65474e+06
2.50297e+06
2.59519e+06
2.436e+06
2.65462e+06
2.65471e+06
2.65474e+05
2.50194e+06
2.59513e+06
2.43065e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

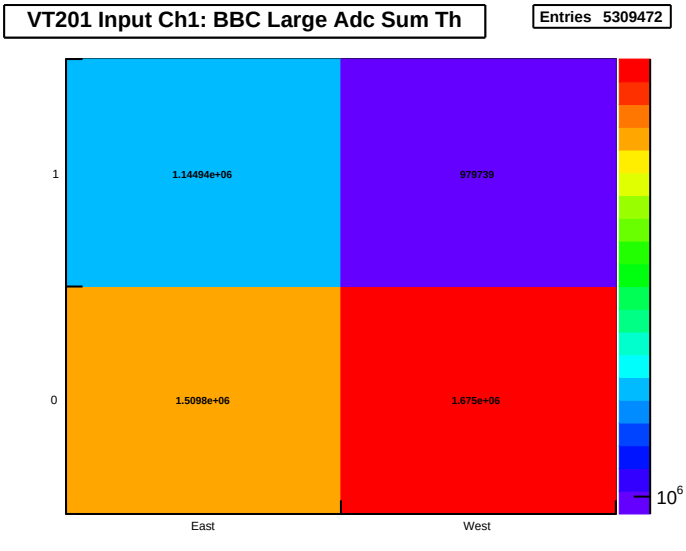

zdcAdcSumDiff
Entries 2122227
95
40
123386
49400
178315
93
20
124300
49391
182370
127242
127264
127271
98889
100045
69767
146866
146884
146891
118399
118398
86901
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

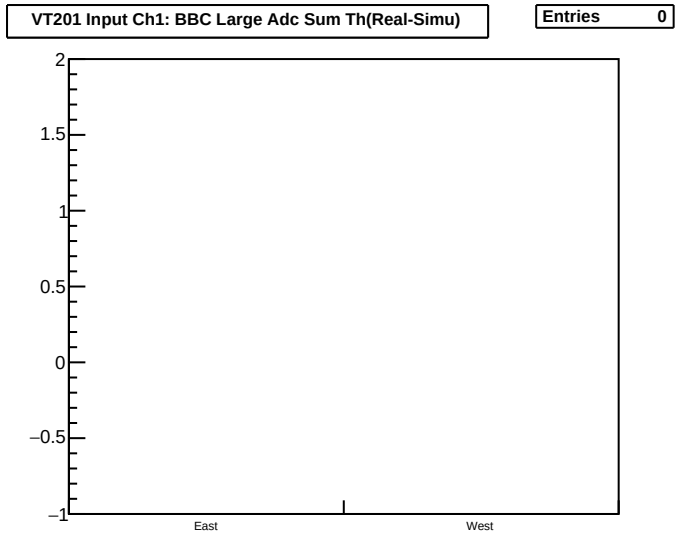

VT201 Input Ch0: BBC Small Tac Diff
Entries2654736
Tac


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

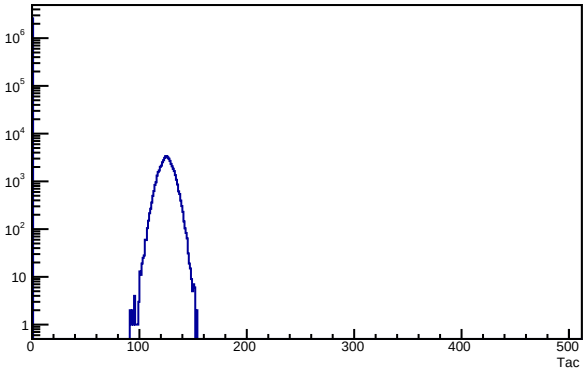

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7964208
1.19117e+06
1.31963e+06
2.65474e+06
1.46357e+06
1.33511e+06
TAC-Sum
East
West


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

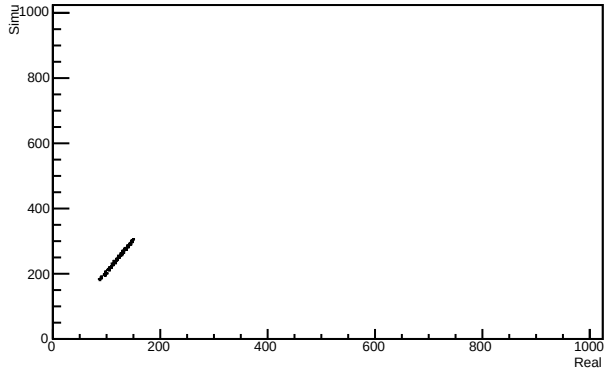

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5309472
1.14494e+06
979739
1.5098e+06
1.675e+06
East
West


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

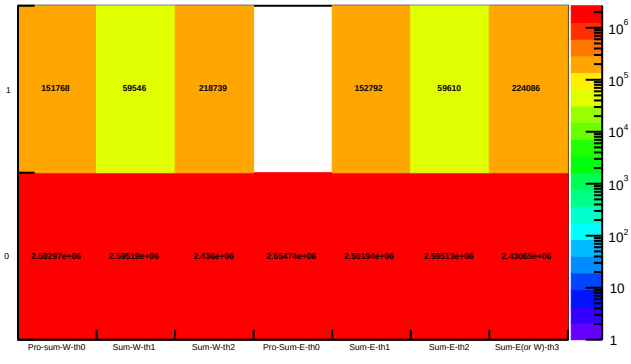
VT201 Input Ch2: ZDC Tac Diff



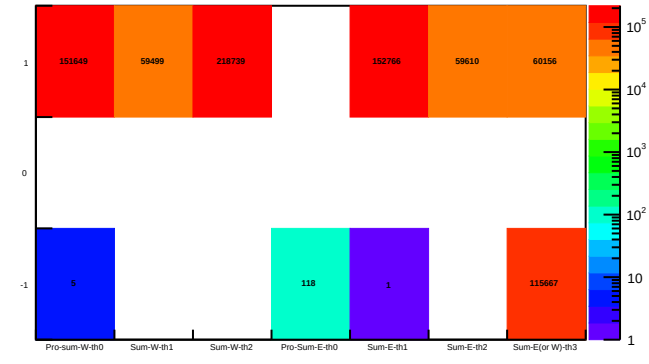
VT201 Input Ch2: ZDC Tac Diff



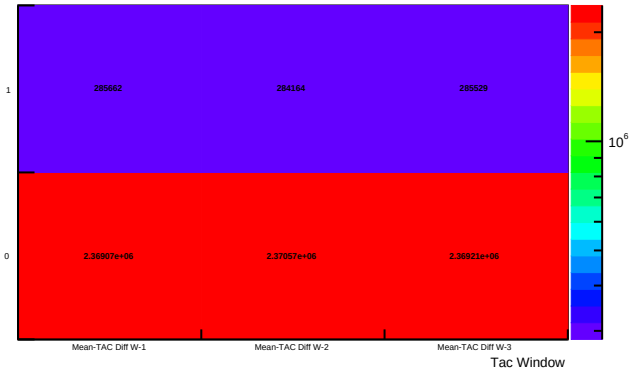
VT201 Input Ch2: ZDC Adc Sum Th



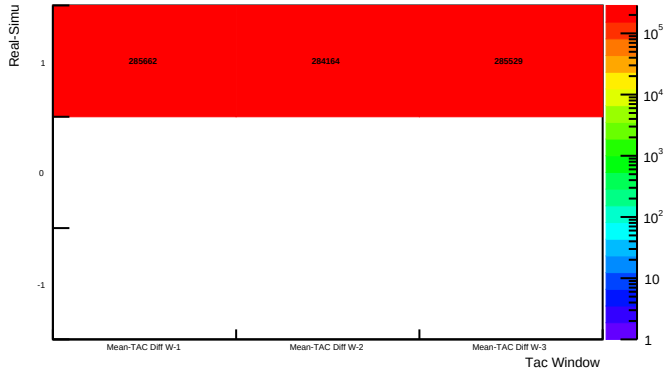
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



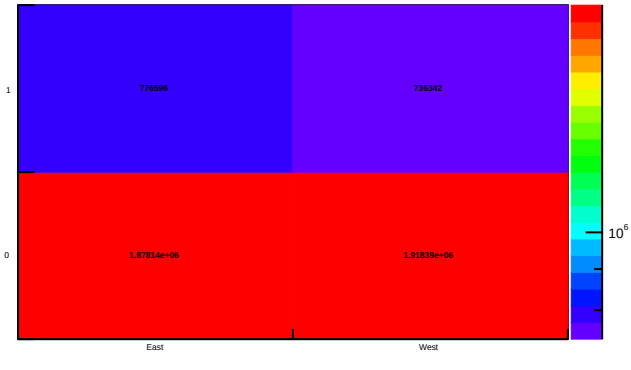
VT201 Input Ch4: VPD Tac Diff



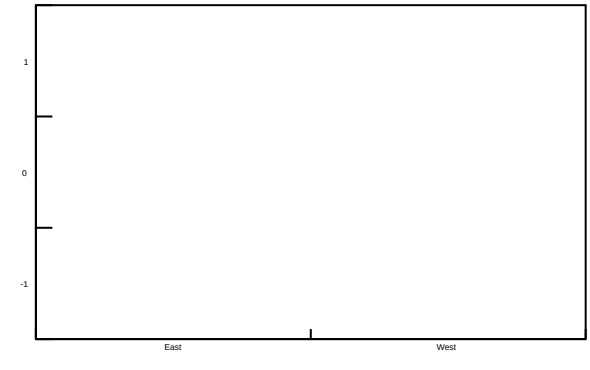
VT201 Input Ch4: VPD Tac Diff

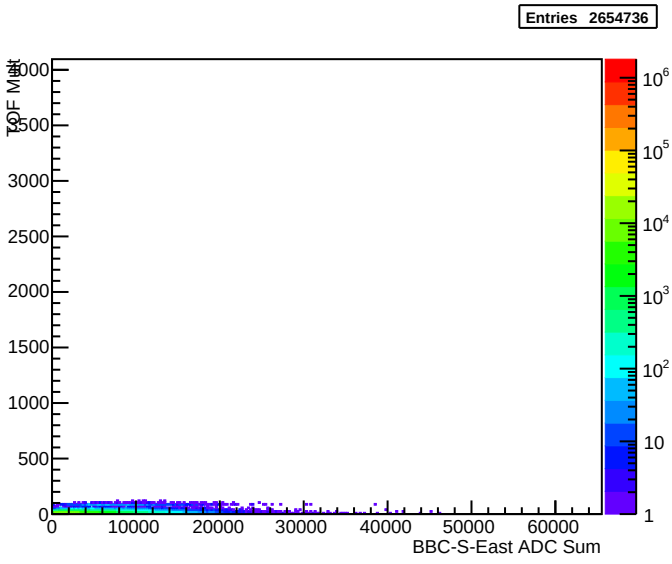


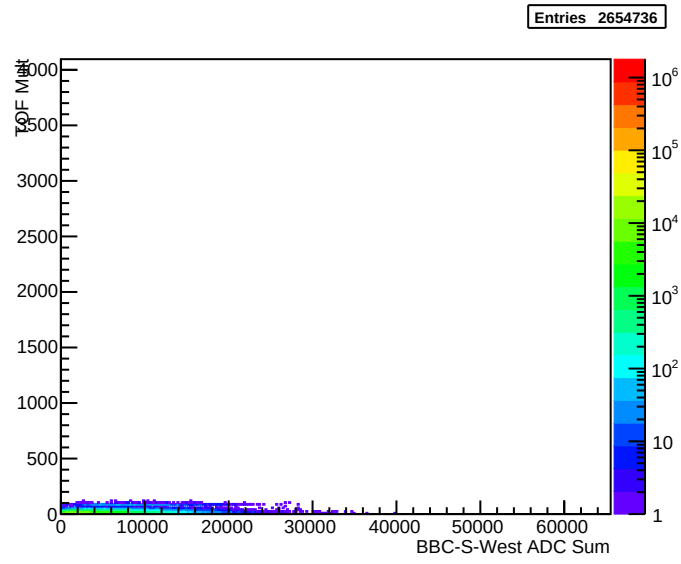
VT201 Input Ch4: VPD Adc Sum Th

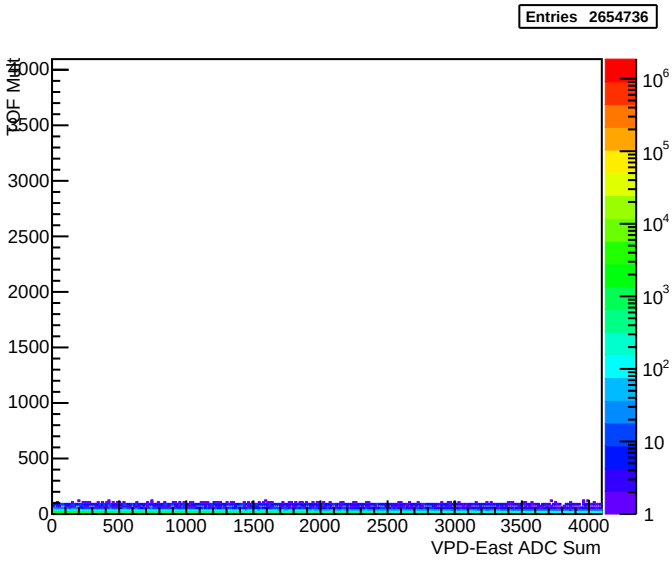


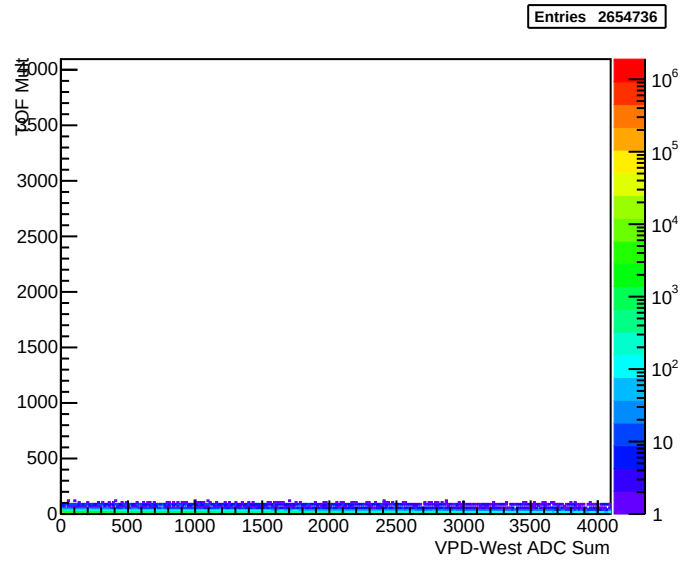
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

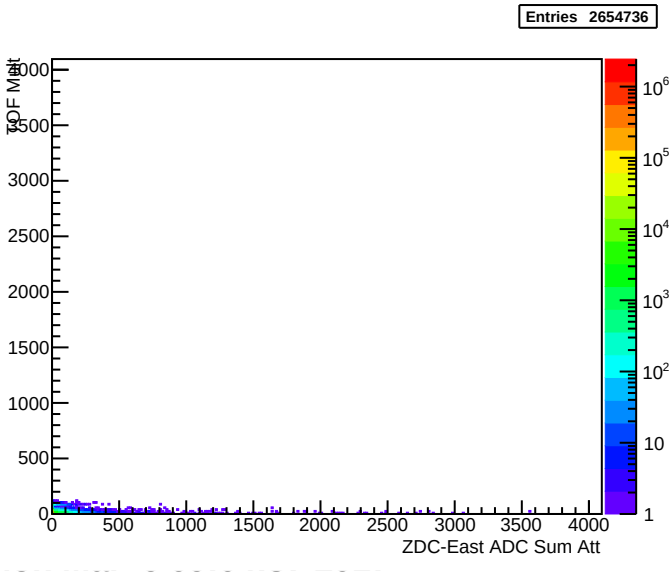


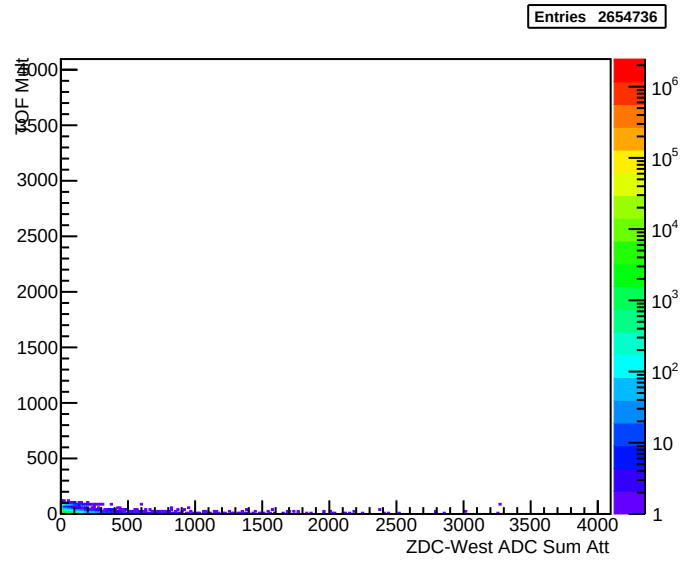

Entries 2654736
TOF Mult
BBC-S-East ADC Sum

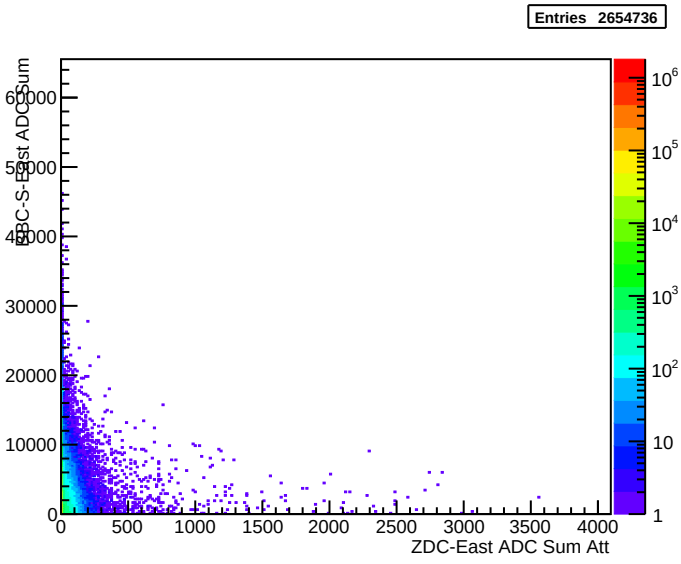

Entries 2654736
TOF Mult
BBC-S-West ADC Sum

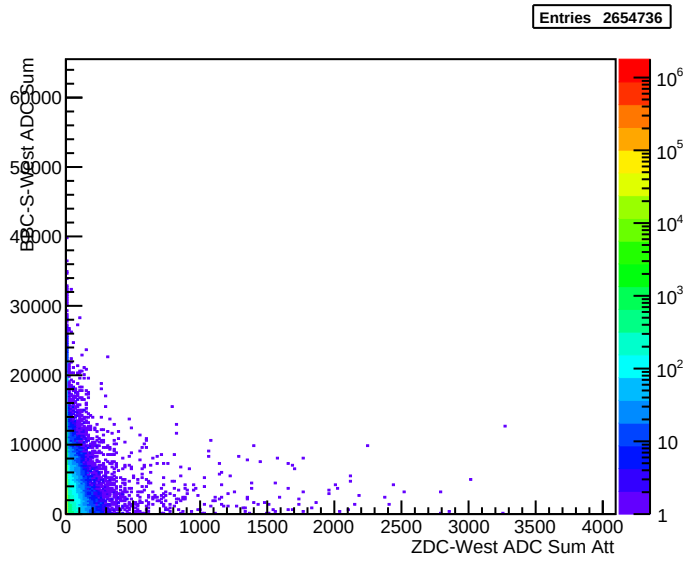

Entries 2654736
TOF Mult
VPD-East ADC Sum

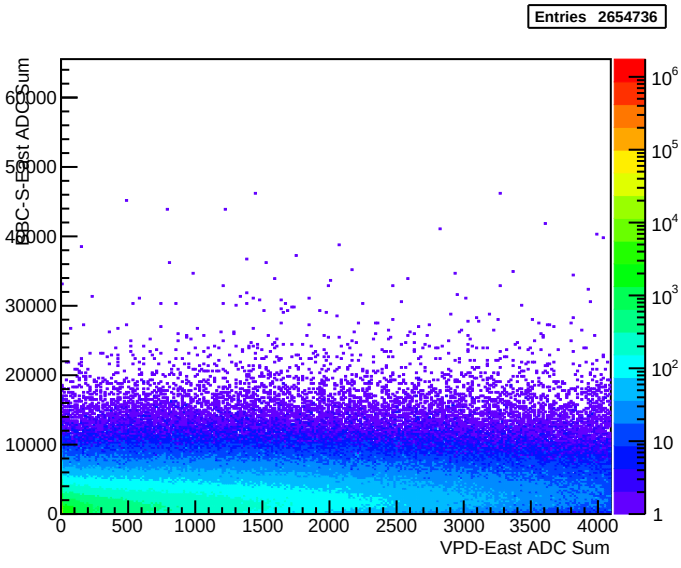

Entries 2654736
TOF Mult
VPD-West ADC Sum

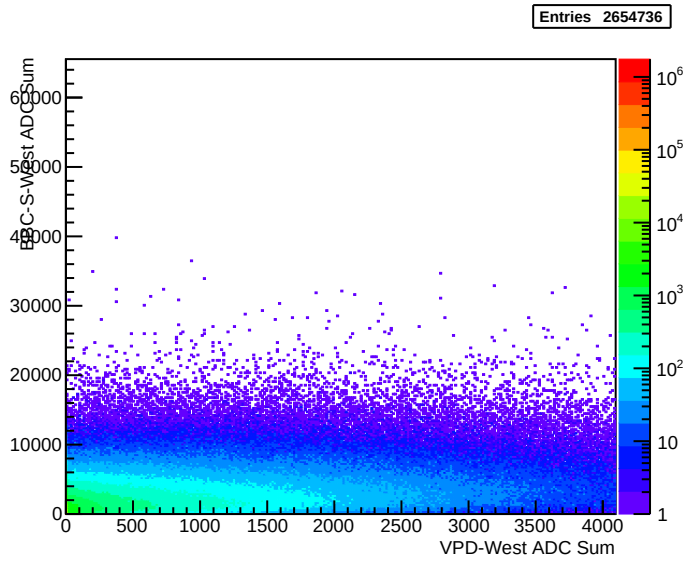

Entries 2654736
TOF Mult
ZDC-East ADC Sum Att

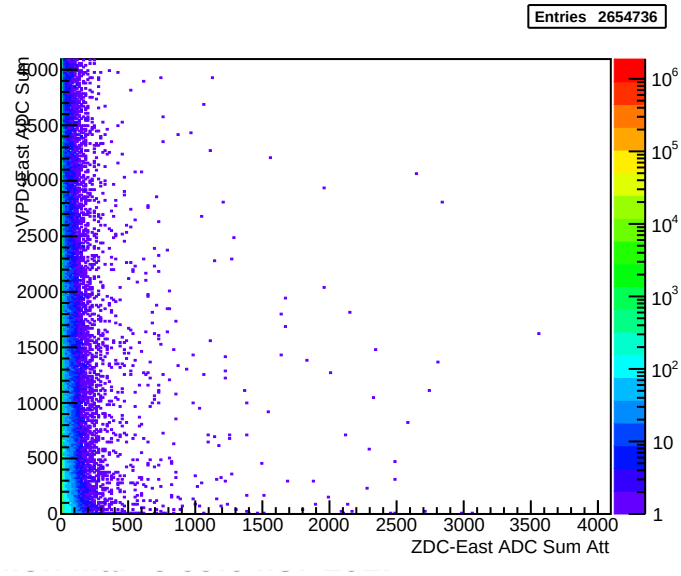

Entries 2654736
TOF Mult
ZDC-West ADC Sum Att

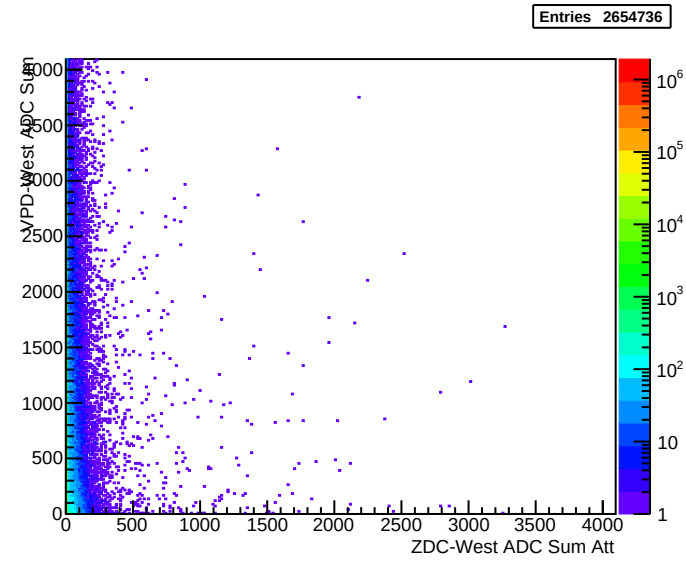

Entries 2654736
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

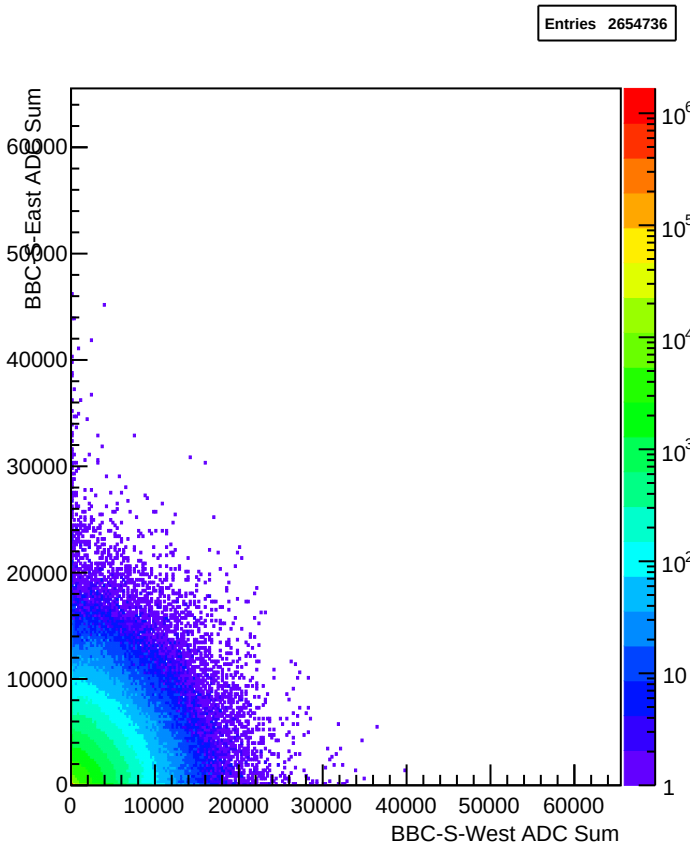

Entries 2654736
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

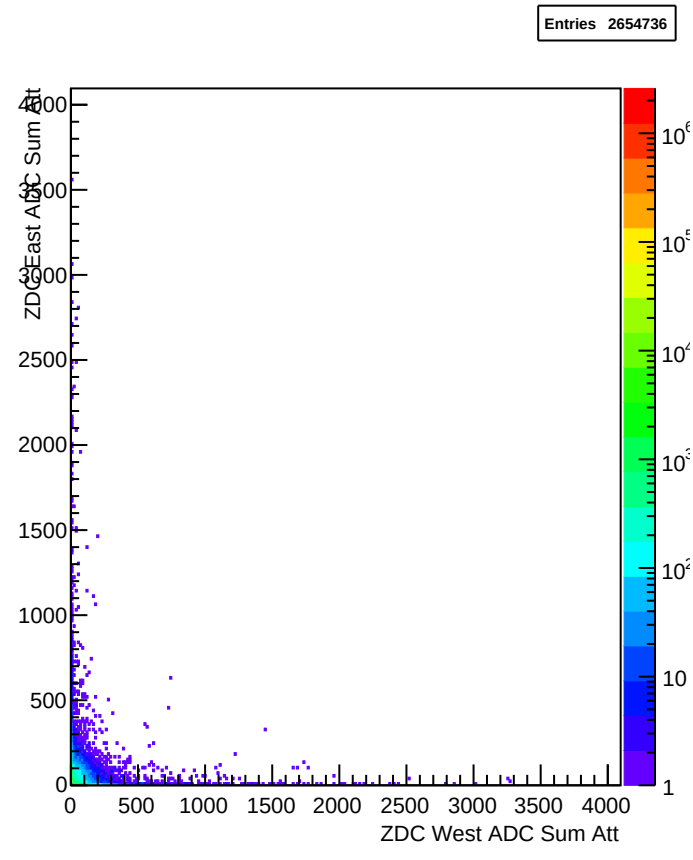

Entries 2654736
BBC-S-East ADC Sum
VPD-East ADC Sum

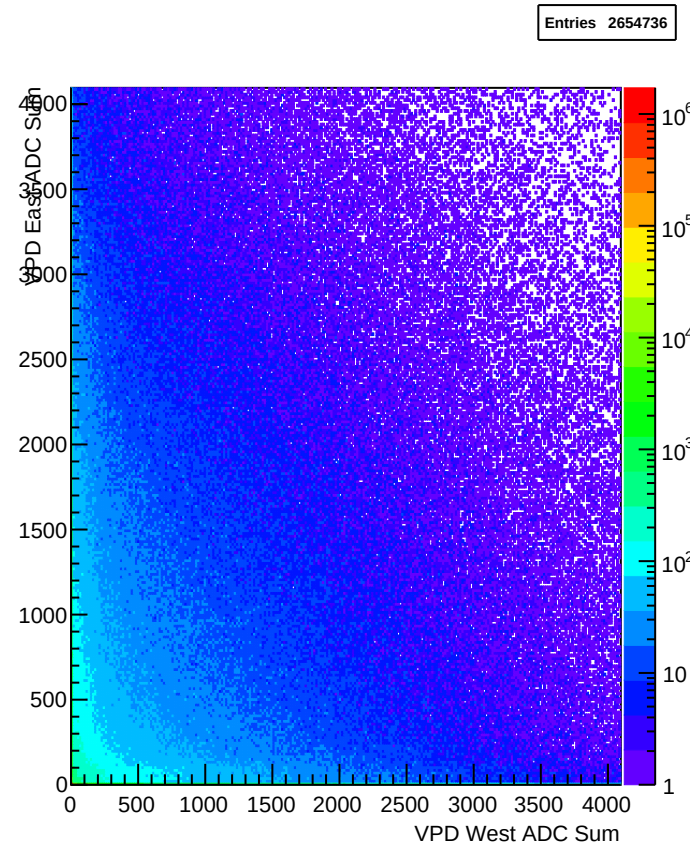

Entries 2654736
BBC-S-West ADC Sum
VPD-West ADC Sum

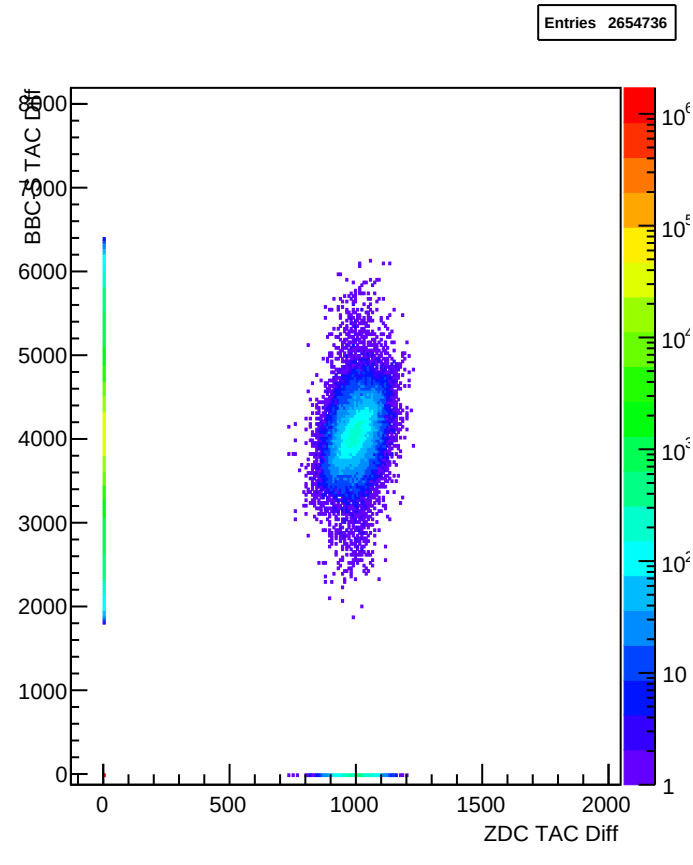

Entries 2654736
VPD-East ADC Sum
ZDC-East ADC Sum Att

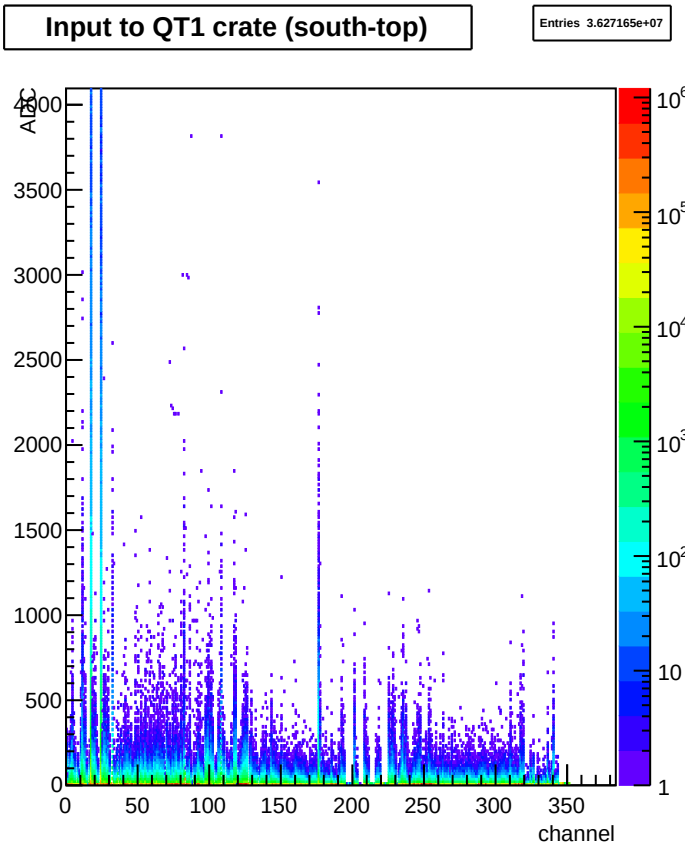

Entries 2654736
VPD-West ADC Sum
ZDC-West ADC Sum Att

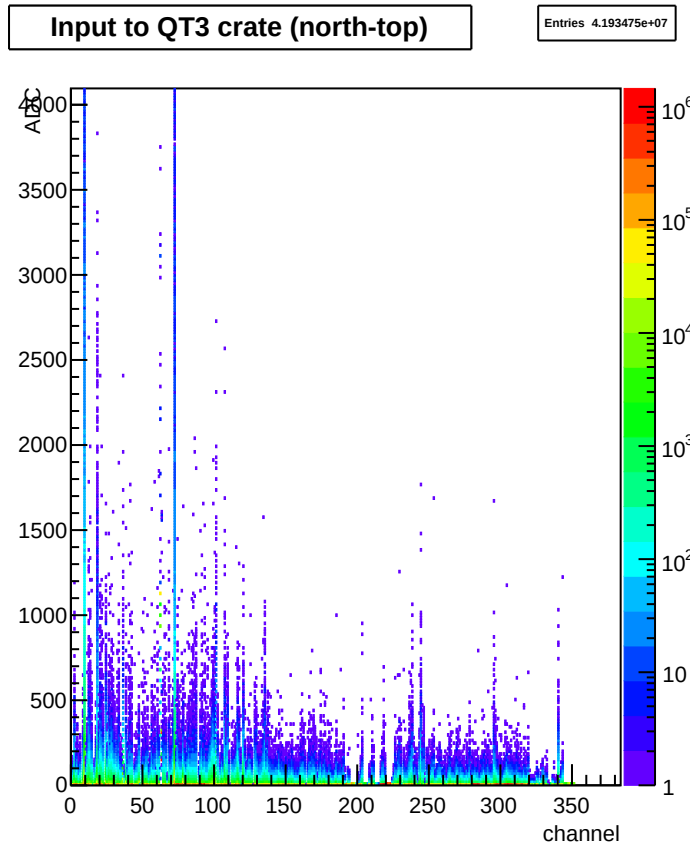

Entries 2654736
BBC-S-East ADC Sum
BBC-S-West ADC Sum

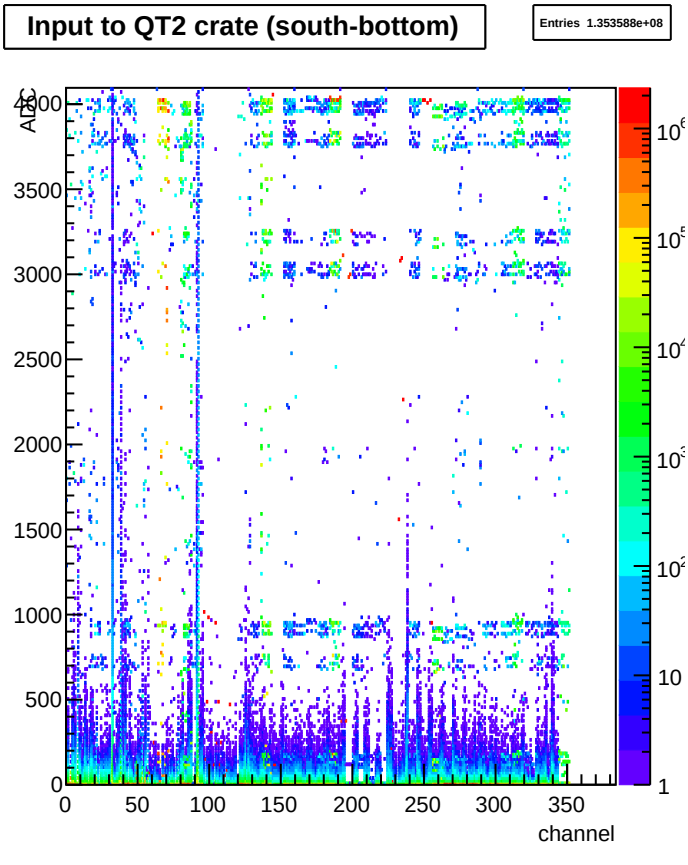

Entries 2654736
ZDC East ADC Sum Att
ZDC West ADC Sum Att

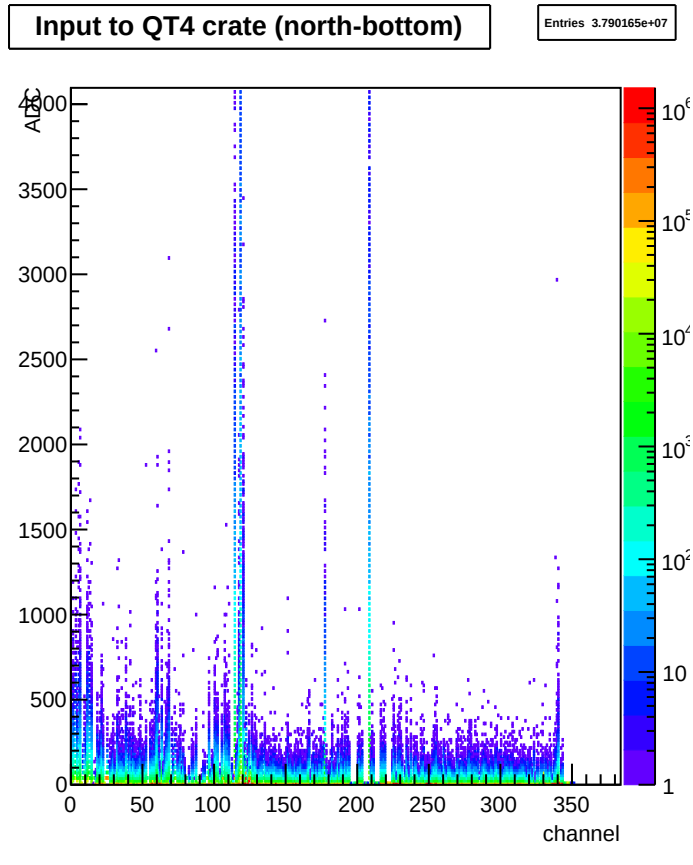

Entries 2654736
VPD East ADC Sum
VPD West ADC Sum

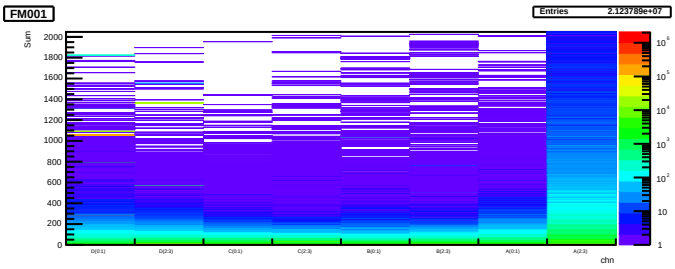

Entries 2654736
BBC-S TAC Diff
ZDC TAC Diff

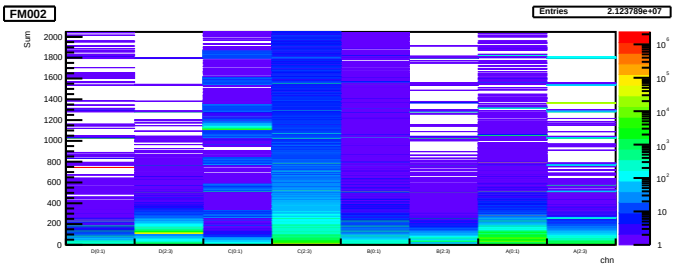

Input to QT1 crate (south-top)
Entries 3.627165e+07
ADC
channel

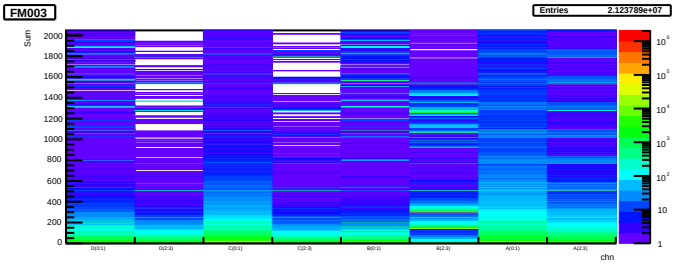

Input to QT3 crate (north-top)
Entries 4.193475e+07
ADC
channel

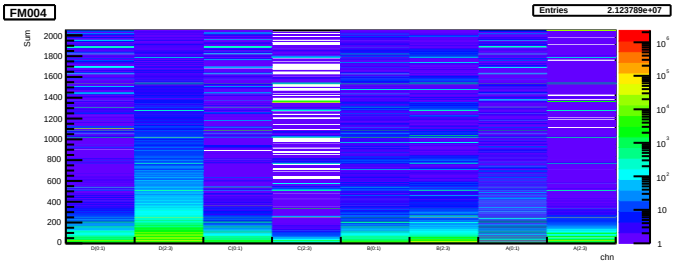

Input to QT2 crate (south-bottom)
Entries 1.353588e+08
ADC
channel

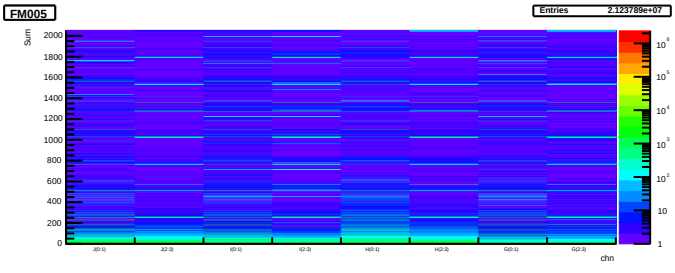

Input to QT4 crate (north-bottom)
Entries 3.790165e+07
ADC
channel

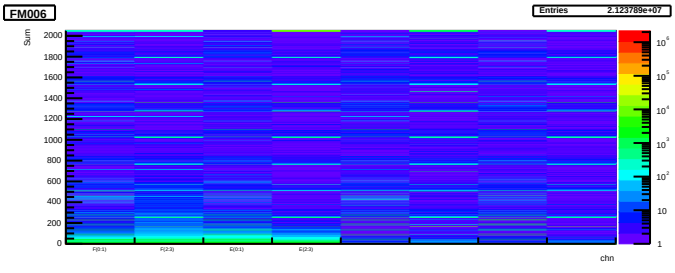

FM001
Entries 2.123789e+07
Sum
chn

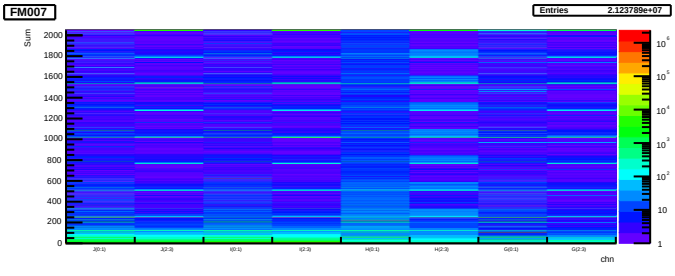

FM002
Entries 2.123789e+07
Sum
chn


FM003
Entries 2.123789e+07
Sum
chn


FM004
Entries 2.123789e+07
Sum
chn


FM005
Entries 2.123789e+07
Sum
chn


FM006
Entries 2.123789e+07
Sum
chn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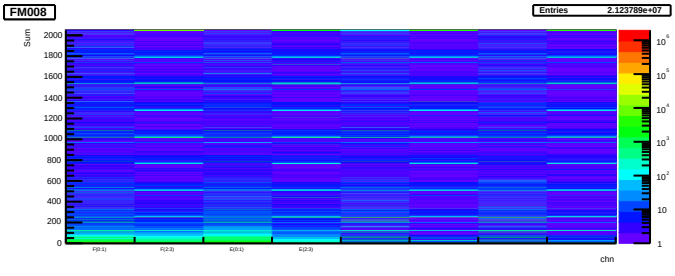
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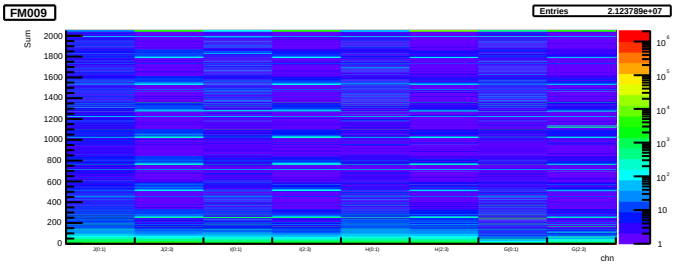
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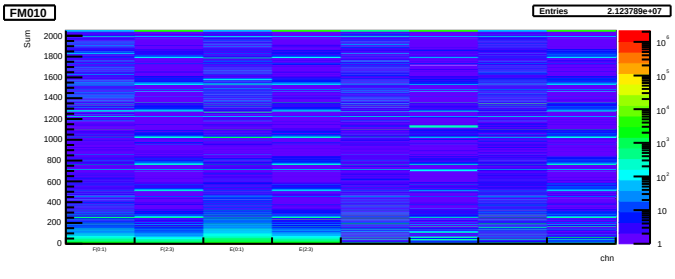
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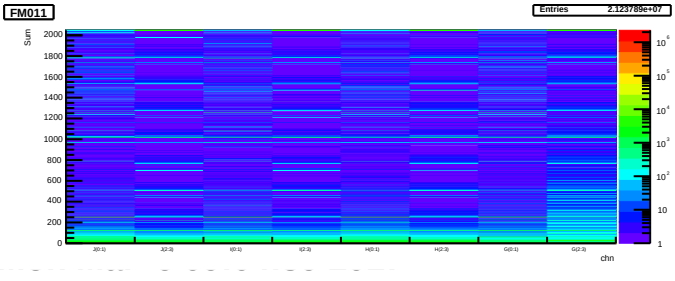
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Entries 2.123789e+07
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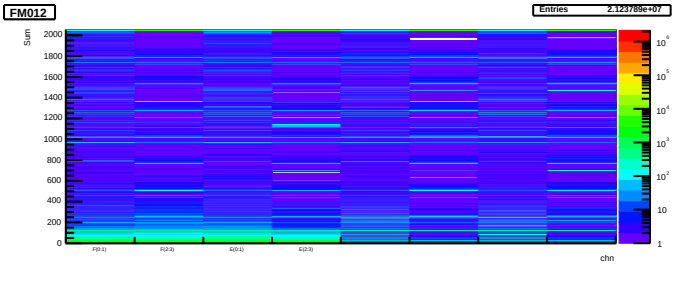
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Entries 2.123789e+07
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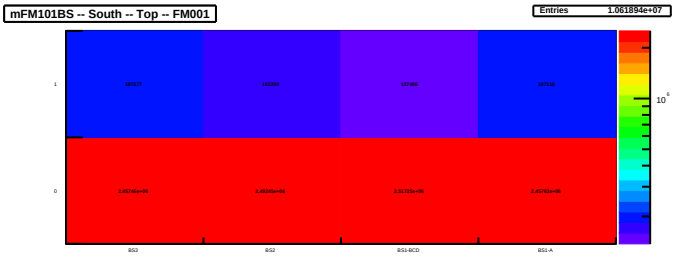
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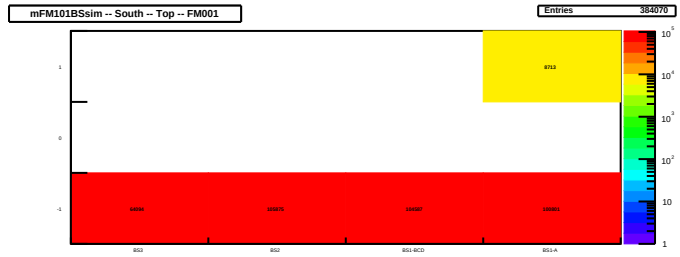
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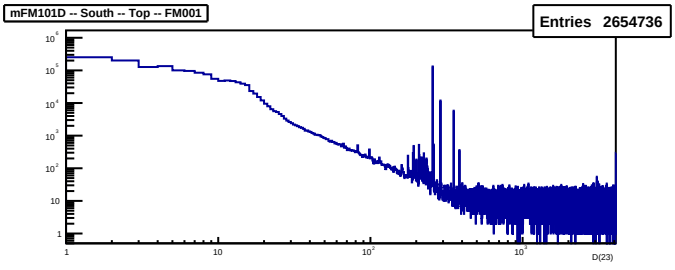
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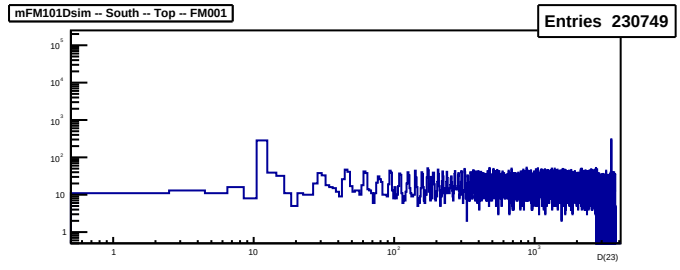
Entries 2654736
D(23)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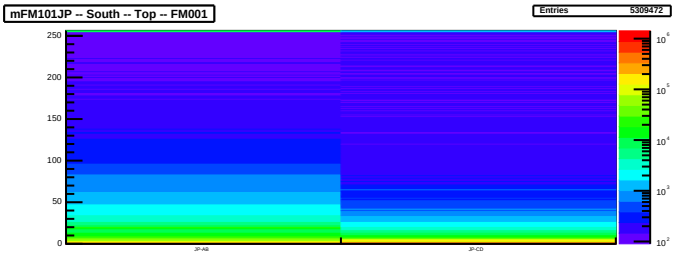
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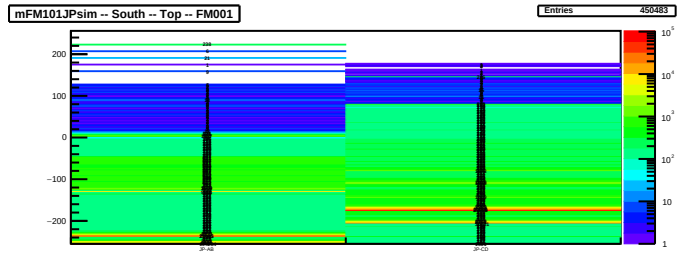
Entries 5309472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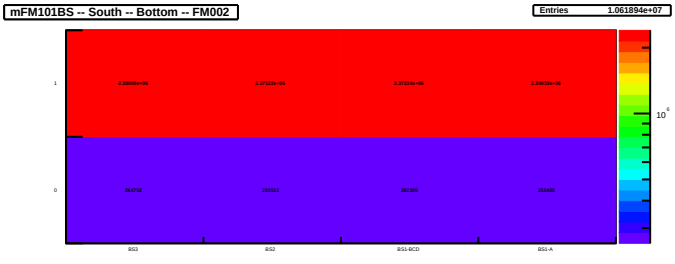
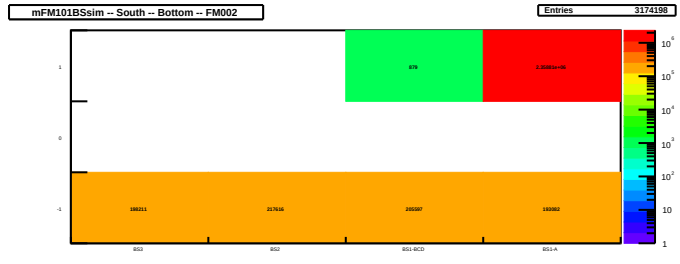

mFM101BS -- South -- Bottom -- FM002
Entries 1.061894e+07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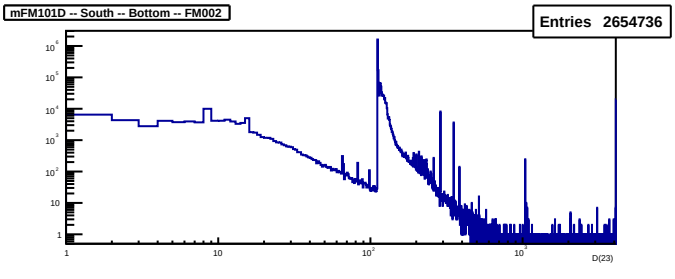
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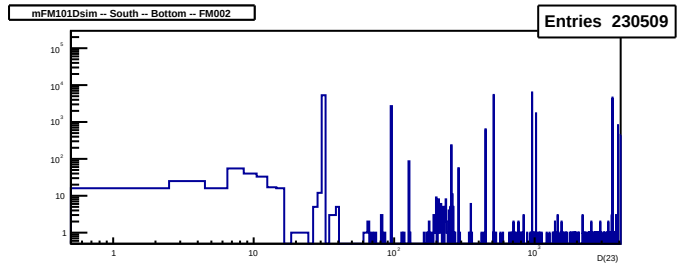
Entries 2654736
D(23)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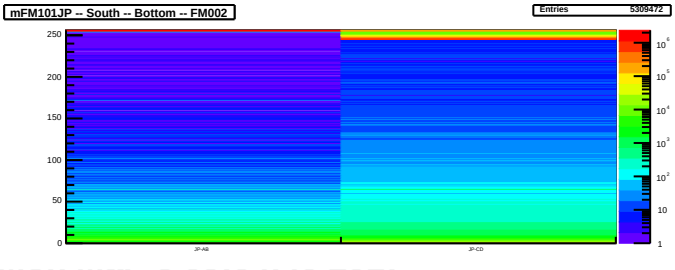
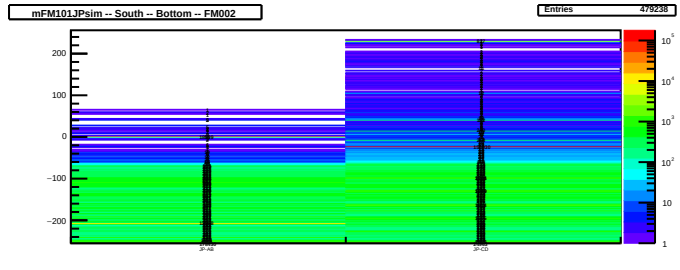

mFM101JP -- South -- Bottom -- FM002
Entries 5309472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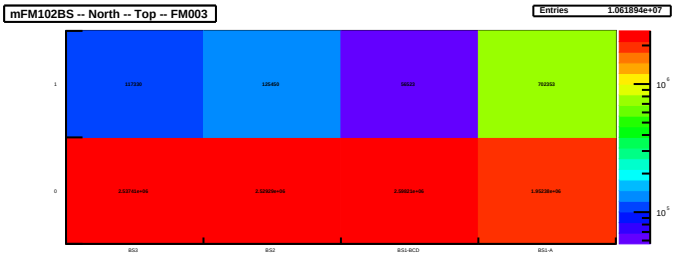
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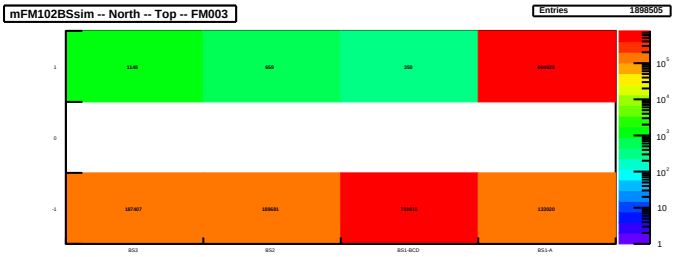
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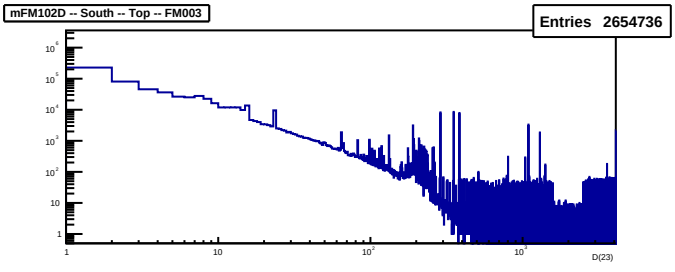
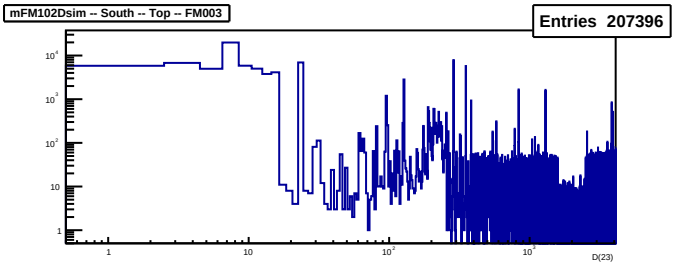

mFM102D -- South -- Top -- FM003
Entries 2654736
D(23)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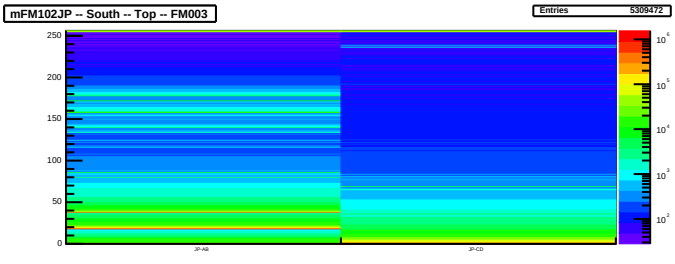
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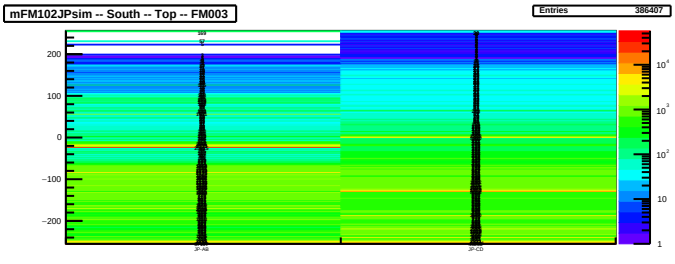
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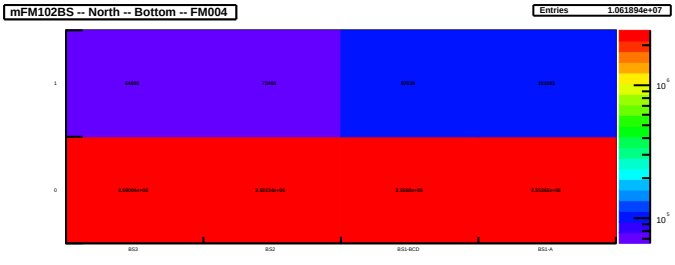
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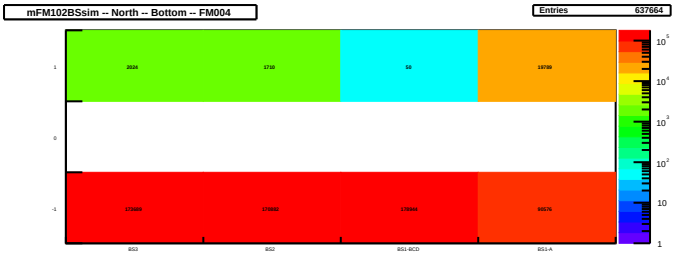
Entries 1.061894e+07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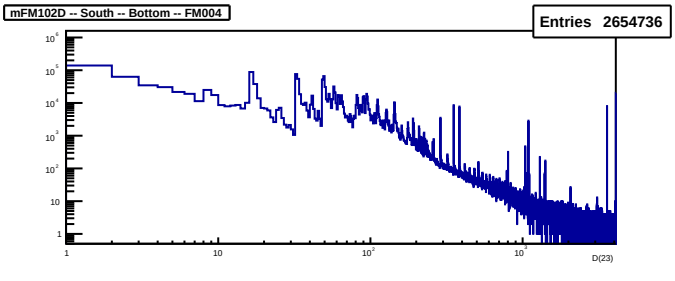
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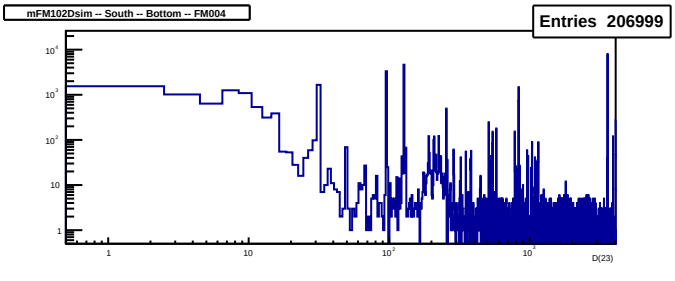
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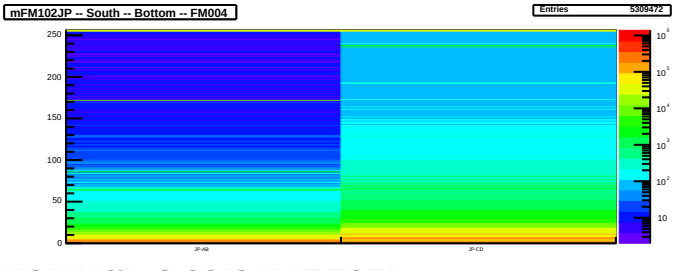
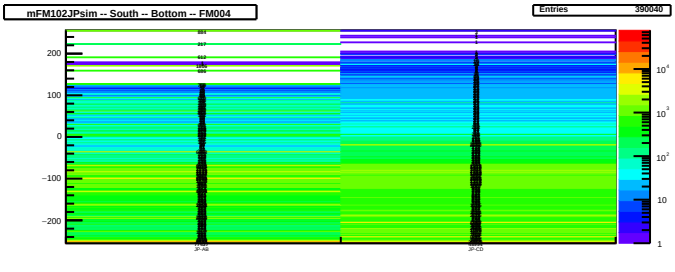

mFM102JP -- South -- Bottom -- FM004
Entries 5309472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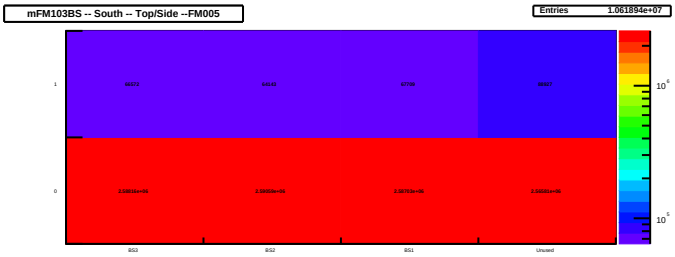
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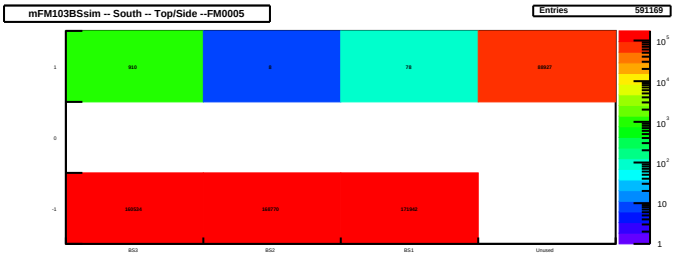
Entries 1.061894e+07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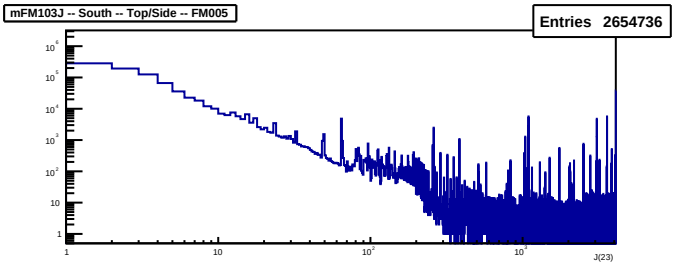
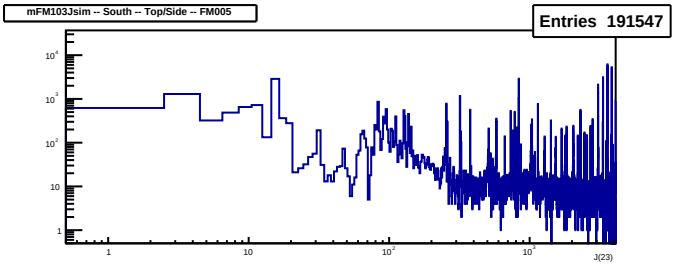

mFM103J -- South -- Top/Side -- FM005
Entries 2654736
J(23)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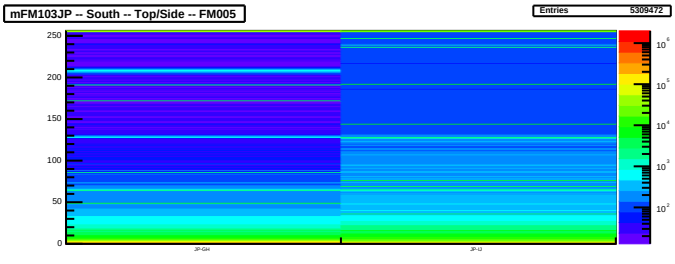
J(23)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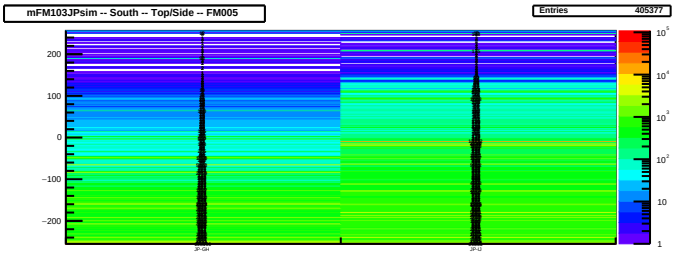
Entries 5309472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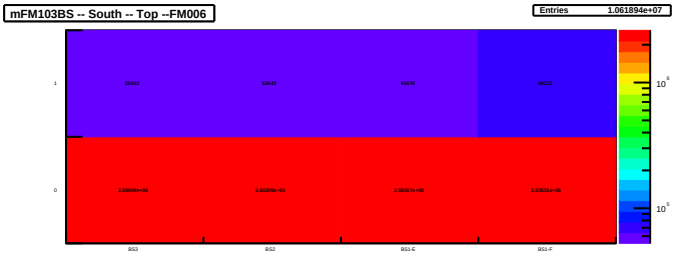
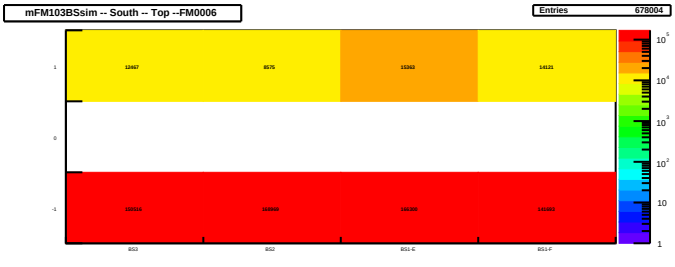

mFM103BS -- South -- Top --FM006
Entries 1.061894e+07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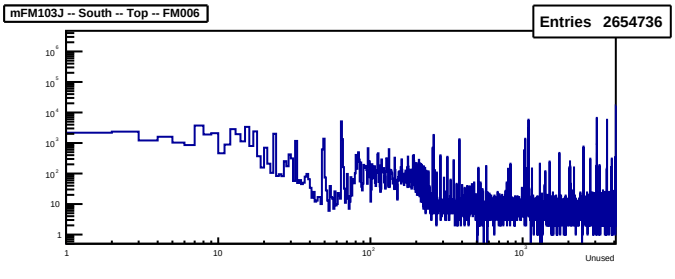
mFM103J -- South -- Top -- FM006
Entries 2654736
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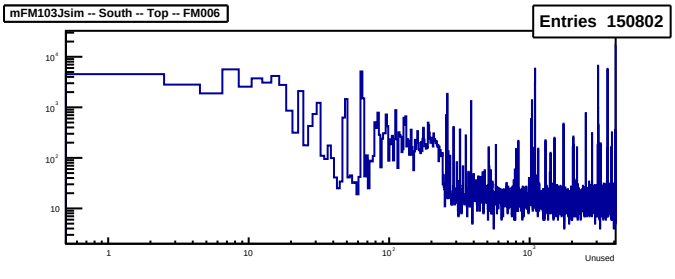
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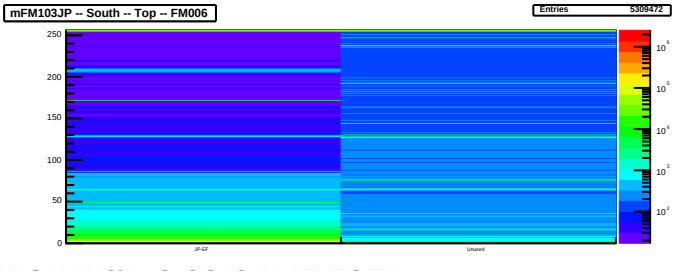
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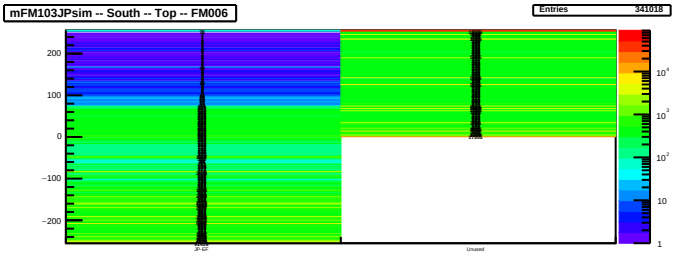
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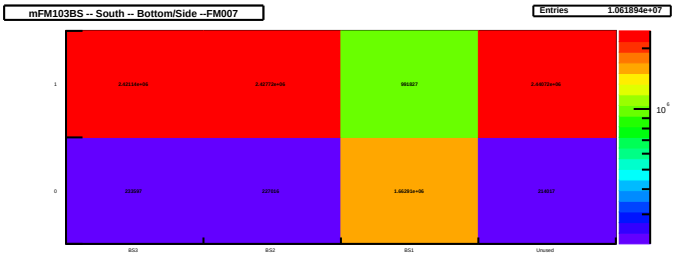
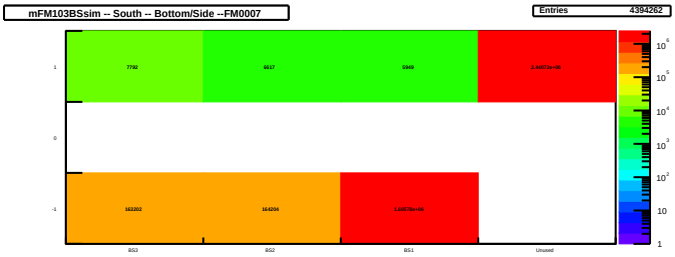

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.061894e+07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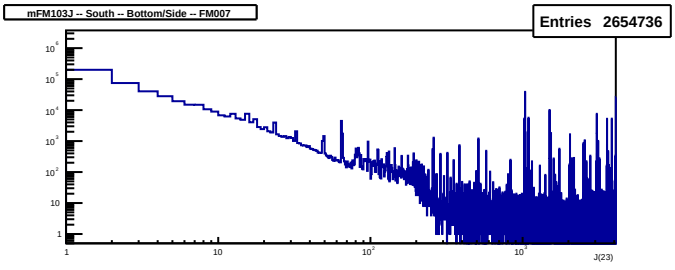
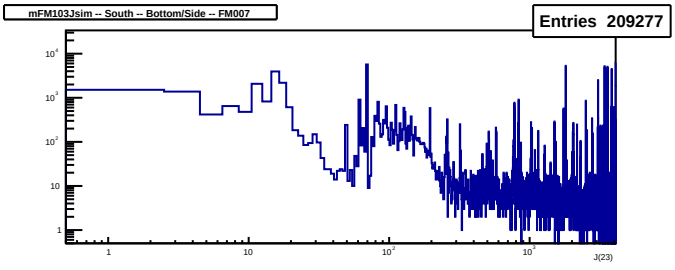

mFM103J -- South -- Bottom/Side -- FM007
Entries 2654736
J(23)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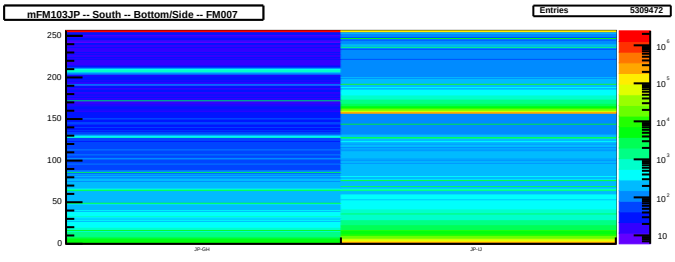
J(23)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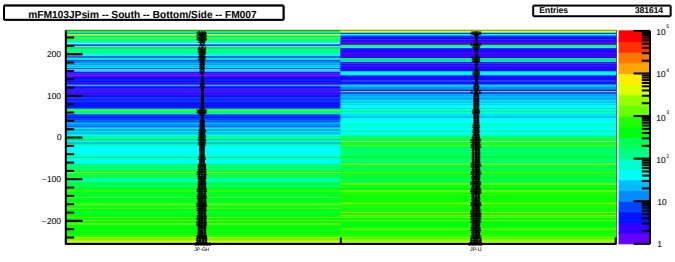
Entries 5309472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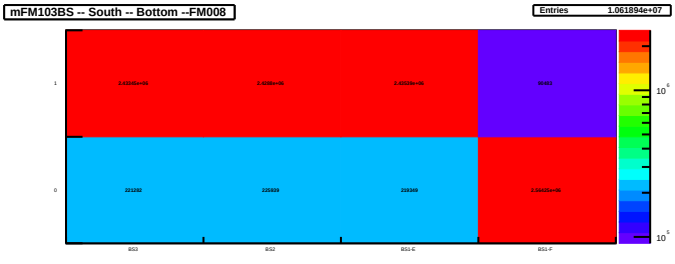
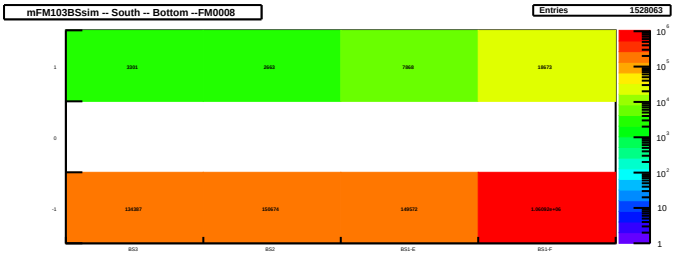

mFM103BS -- South -- Bottom --FM008
Entries 1.061894e+07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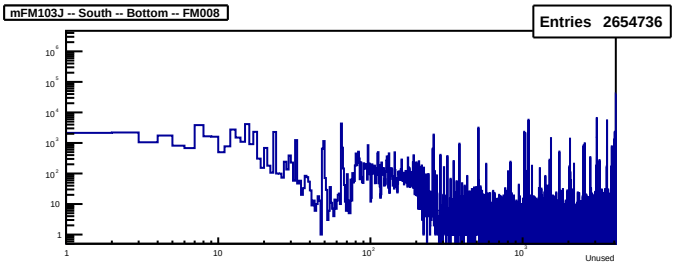
mFM103J -- South -- Bottom -- FM008
Entries 2654736
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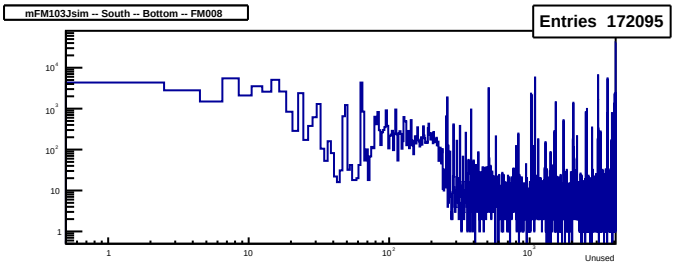
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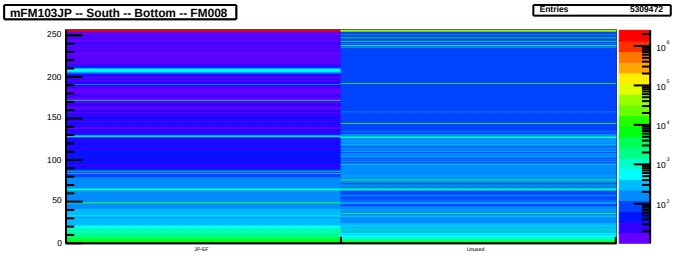
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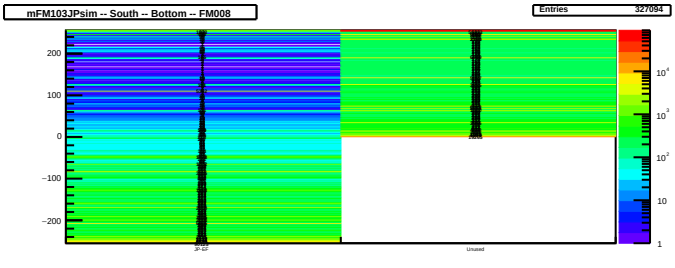
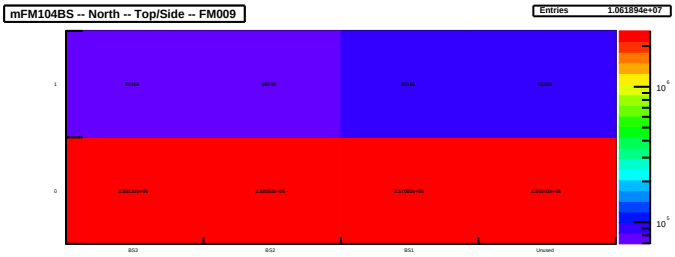
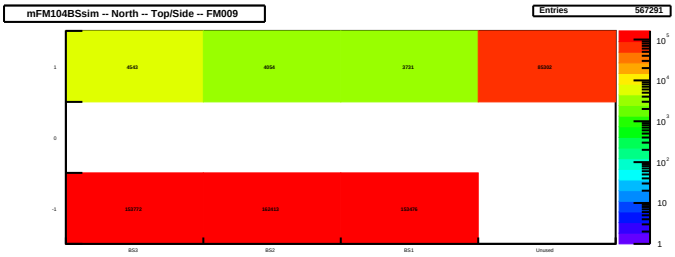
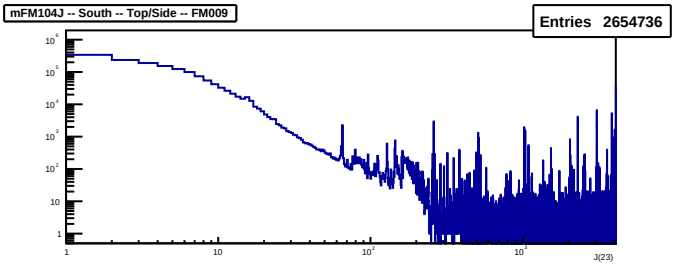
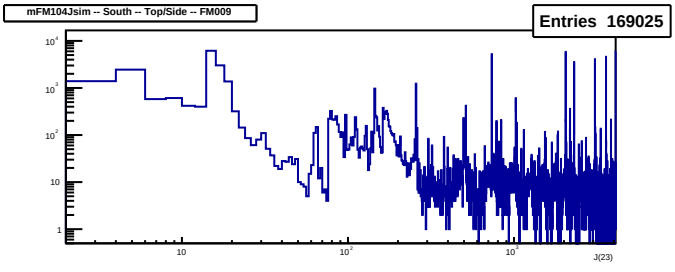
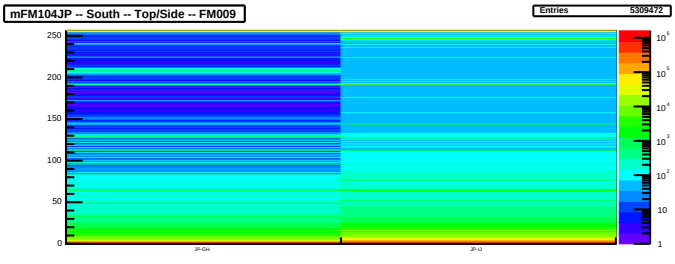

mFM103JPsim -- South -- Bottom -- FM008
Entries 327094

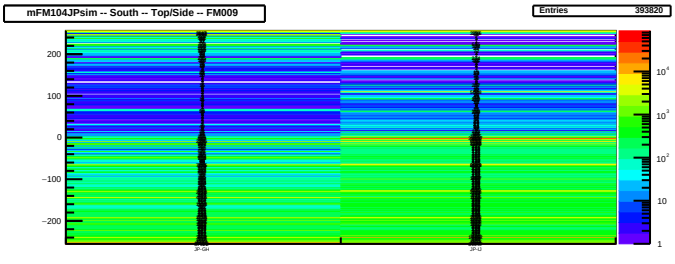

mFM104BS -- North -- Top/Side -- FM009
Entries 1.061894e+07

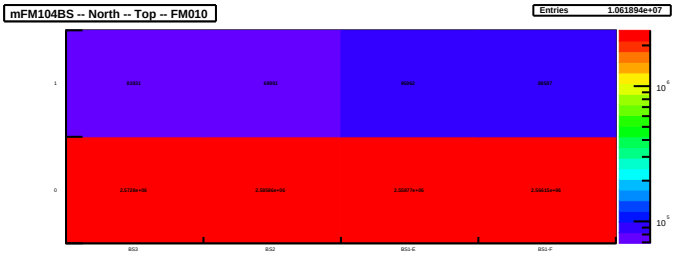

mFM104BSsim -- North -- Top/Side -- FM009
Entries 567291

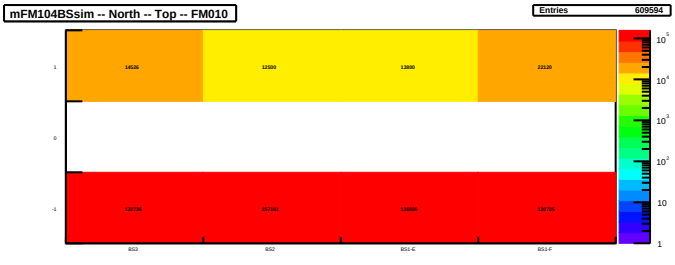

mFM104J -- South -- Top/Side -- FM009
Entries 2654736
J(23)

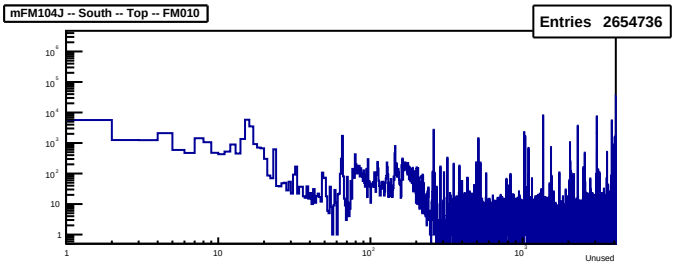

mFM104Jsim -- South -- Top/Side -- FM009
Entries 169025
J(23)

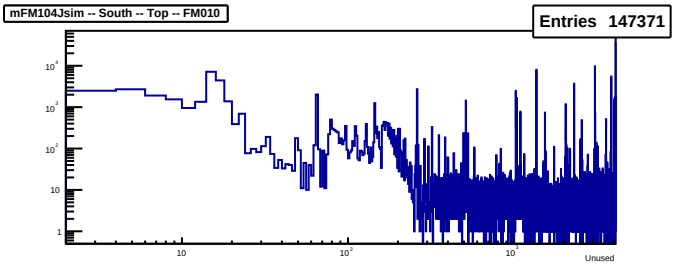

mFM104JP -- South -- Top/Side -- FM009
Entries 5309472

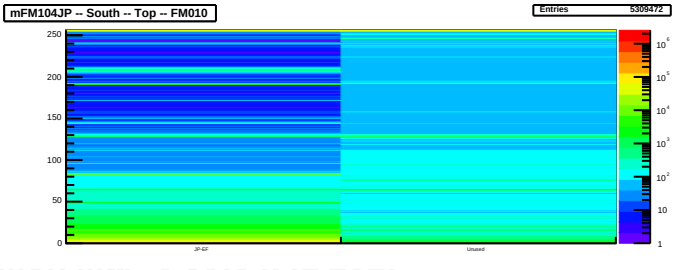

mFM104JPsim -- South -- Top/Side -- FM009
Entries 393820

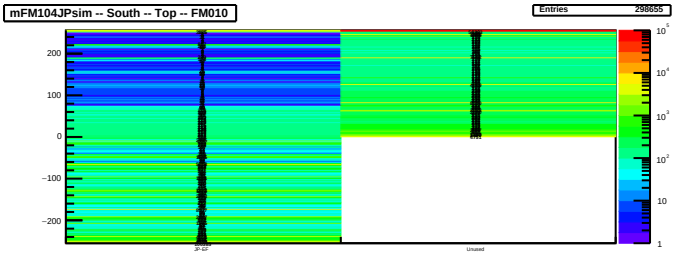

mFM104BS -- North -- Top -- FM010
Entries 1.061894e+07

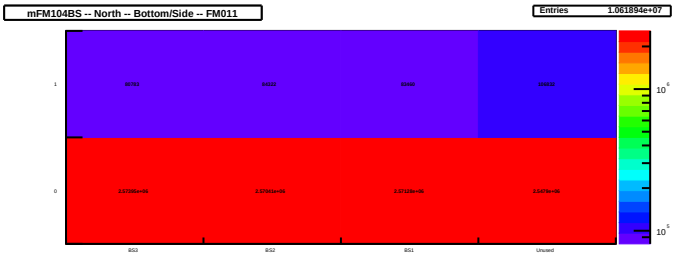

mFM104BSsim -- North -- Top -- FM010
Entries 609594

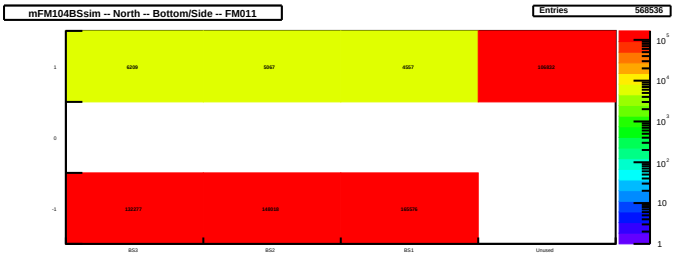

mFM104J -- South -- Top -- FM010
Entries 2654736
Unused

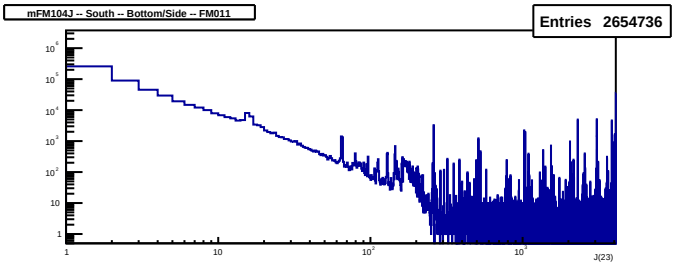

mFM104Jsim -- South -- Top -- FM010
Entries 147371
Unused

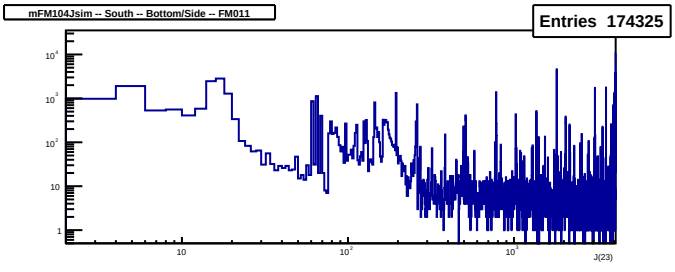

mFM104JP -- South -- Top -- FM010
Entries 5309472

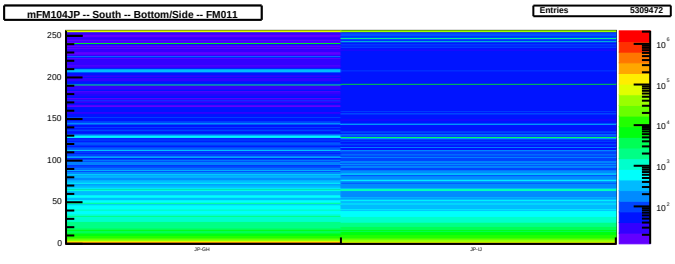

mFM104JPsim -- South -- Top -- FM010
Entries 298655

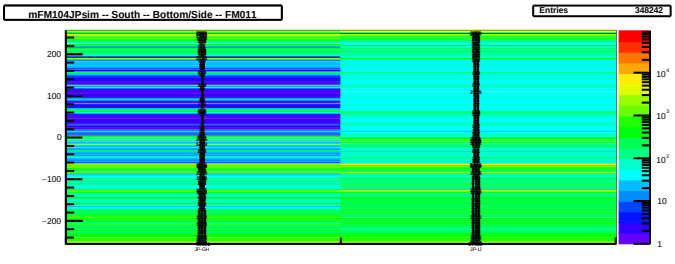

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.061894e+07

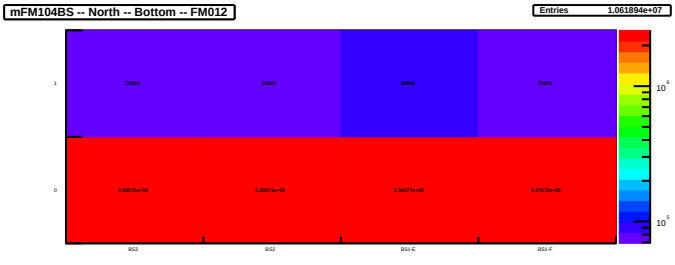

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 568536

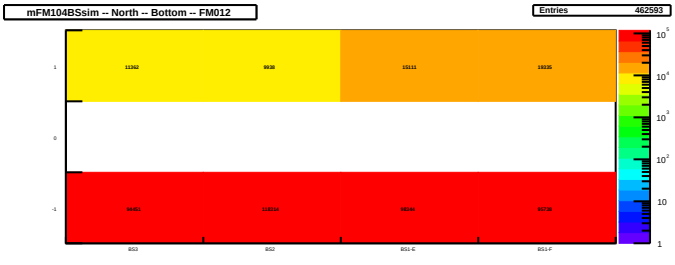

mFM104J -- South -- Bottom/Side -- FM011
Entries 2654736
J(23)

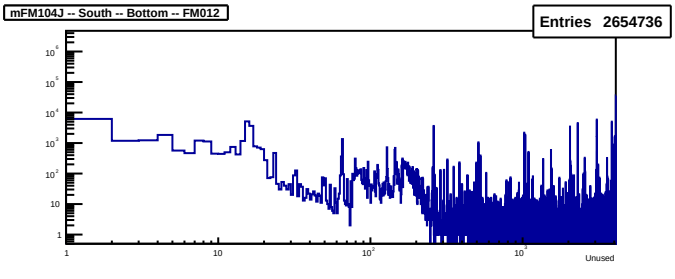

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 174325
J(23)

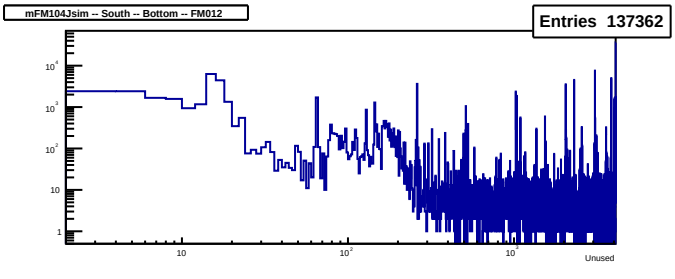

mFM104JP -- South -- Bottom/Side -- FM011
Entries 5309472

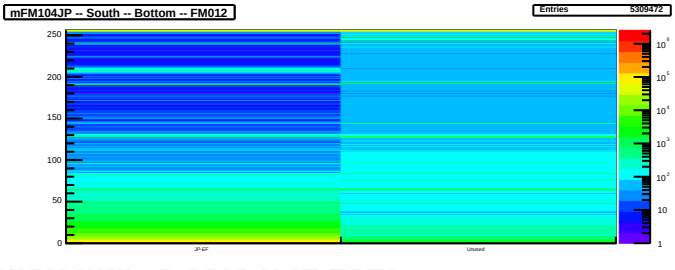

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 348242

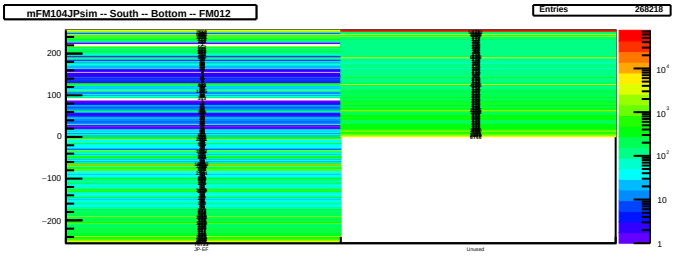

mFM104BS -- North -- Bottom -- FM012
Entries 1.061894e+07

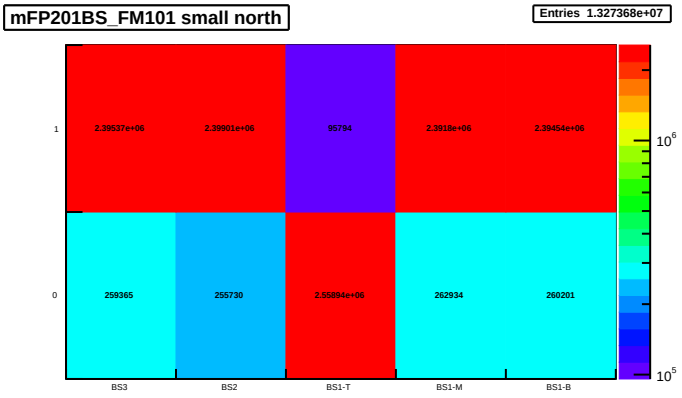

mFM104BSsim -- North -- Bottom -- FM012
Entries 462593

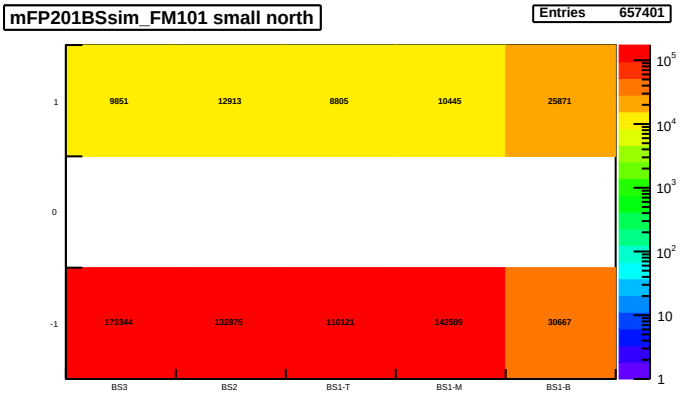

mFM104J -- South -- Bottom -- FM012
Entries 2654736
Unused

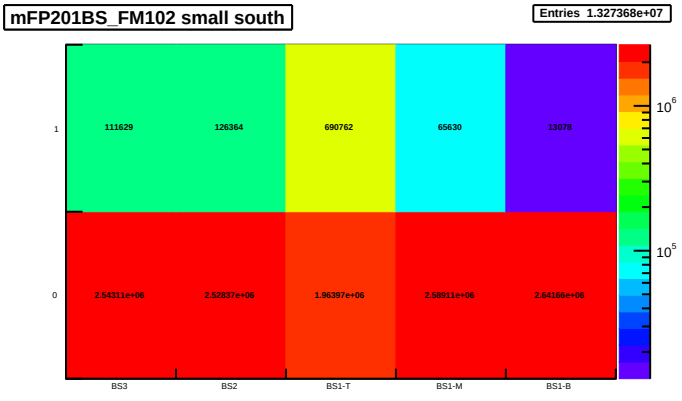

mFM104Jsim -- South -- Bottom -- FM012
Entries 137362
Unused

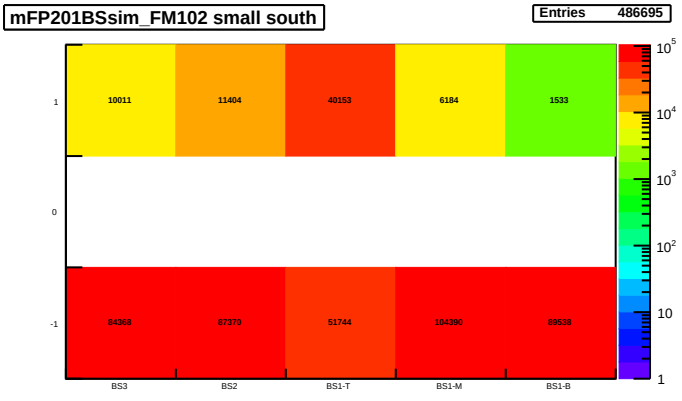

mFM104JP -- South -- Bottom -- FM012
Entries 5309472

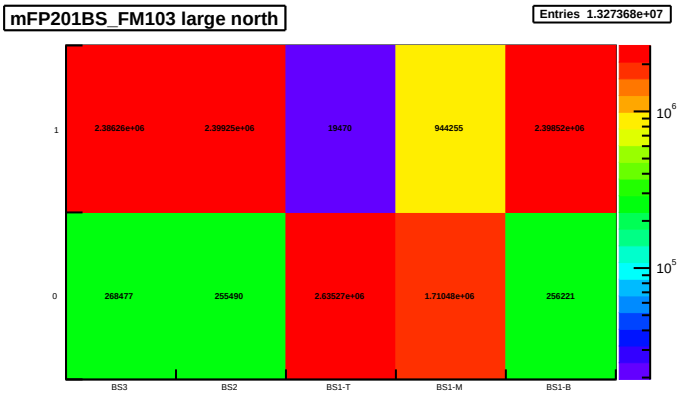

mFM104JPsim -- South -- Bottom -- FM012
Entries 268218

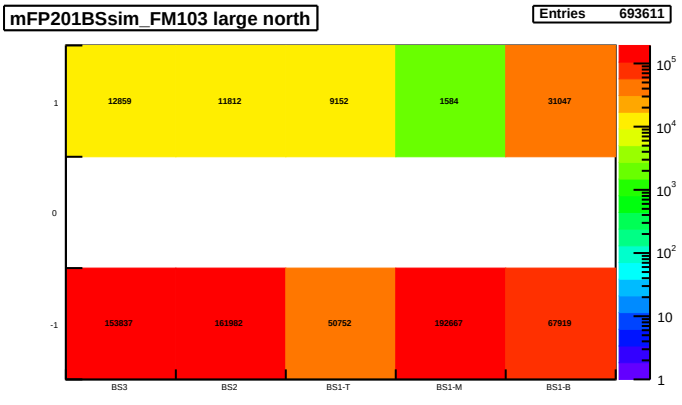

mFP201BS_FM101 small north
Entries 1.327368e+07
2.39537e+06
2.39901e+06
95794
2.3918e+06
2.39454e+06
259365
255730
2.55894e+06
262934
260201
BS3
BS2
BS1-T
BS1-M
BS1-B

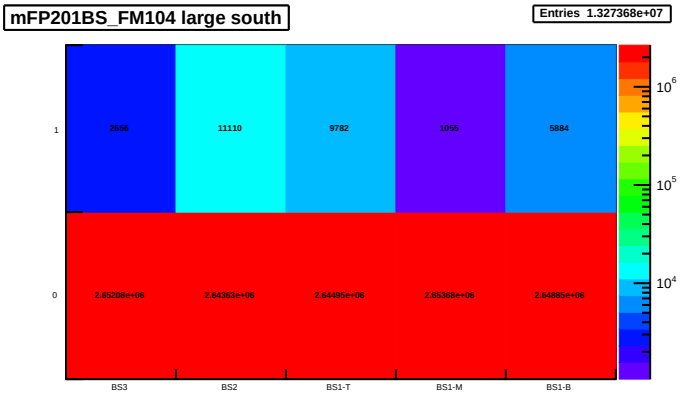

mFP201BSsim_FM101 small north
Entries 657401
9851
12913
8805
10445
25871
173344
132875
110121
142509
30667
BS3
BS2
BS1-T
BS1-M
BS1-B

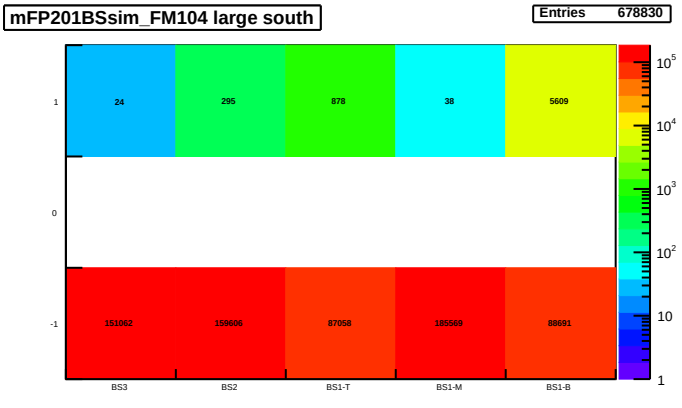

mFP201BS_FM102 small south
Entries 1.327368e+07
111629
126364
690762
65630
13078
2.54311e+06
2.52837e+06
1.96397e+06
2.58911e+06
2.64166e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

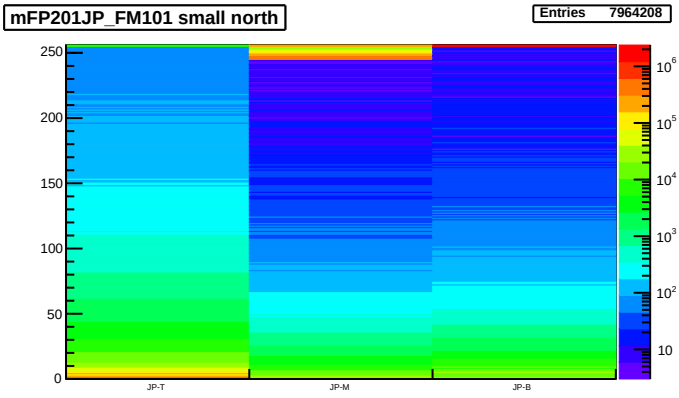

mFP201BSsim_FM102 small south
Entries 486695
10011
11404
40153
6184
1533
84368
87370
51744
104390
89538
BS3
BS2
BS1-T
BS1-M
BS1-B

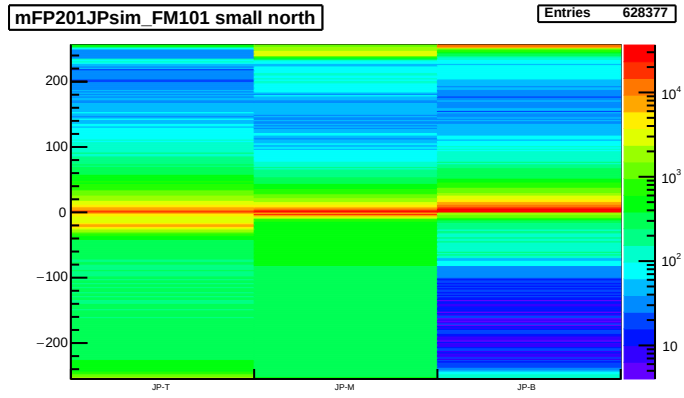

mFP201BS_FM103 large north
Entries 1.327368e+07
2.38626e+06
2.39925e+06
19470
944255
2.39852e+06
268477
255490
2.63527e+06
1.71048e+06
256221
BS3
BS2
BS1-T
BS1-M
BS1-B

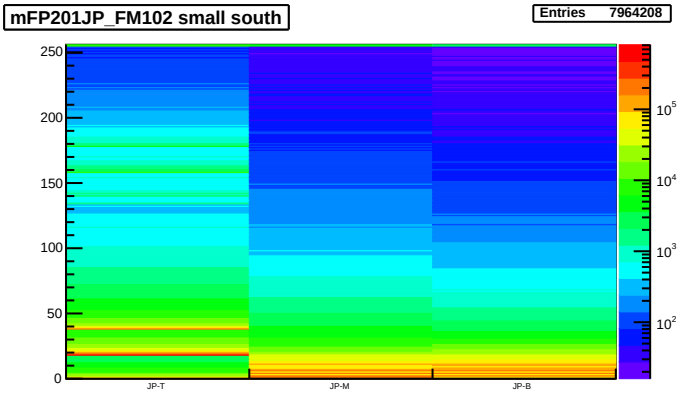

mFP201BSsim_FM103 large north
Entries 693611
12859
11812
9152
1584
31047
153837
161982
50752
192667
67919
BS3
BS2
BS1-T
BS1-M
BS1-B

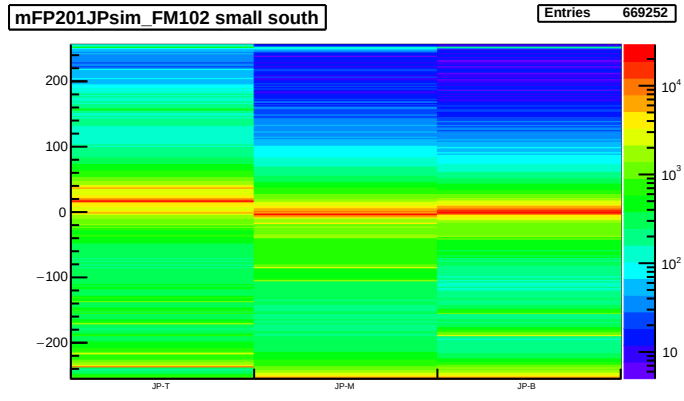

mFP201BS_FM104 large south
Entries 1.327368e+07
2656
11110
9782
1055
5884
2.65208e+06
2.64363e+06
2.64495e+06
2.65368e+06
2.64885e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

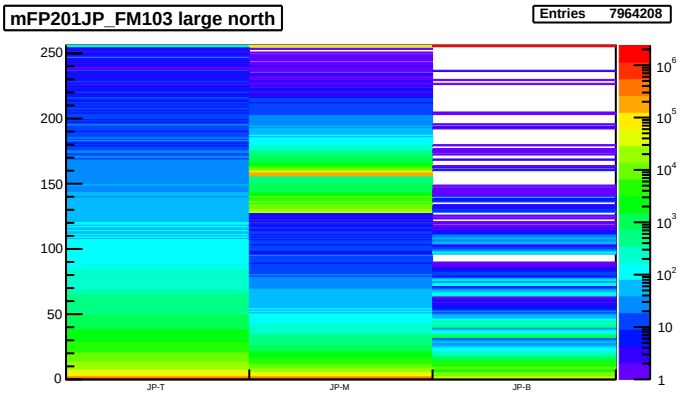

mFP201BSsim_FM104 large south
Entries 678830
24
295
878
38
5609
151062
159606
87058
185569
88691
BS3
BS2
BS1-T
BS1-M
BS1-B

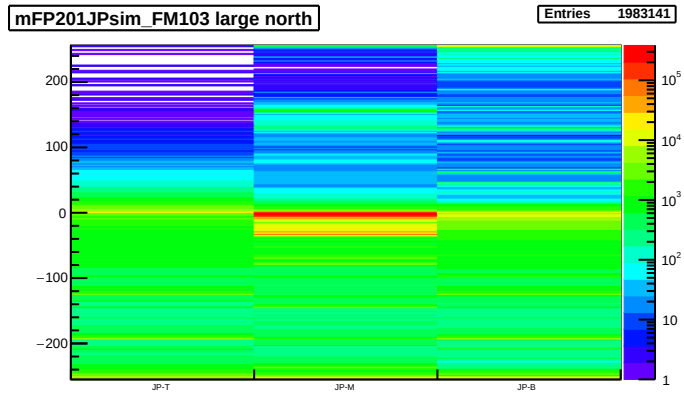

mFP201JP_FM101 small north
Entries 7964208
JP-T
JP-M
JP-B

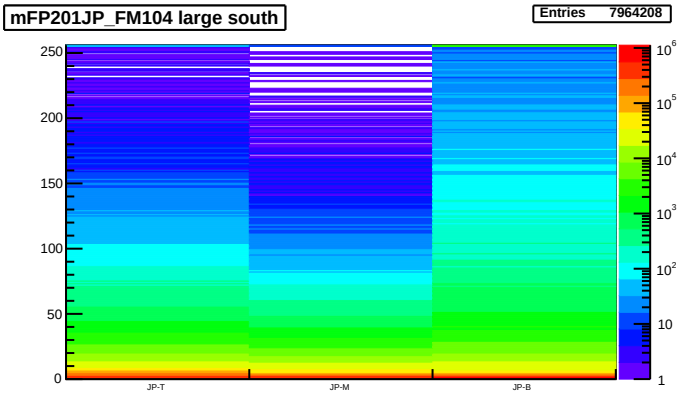

mFP201JPsim_FM101 small north
Entries 628377
JP-T
JP-M
JP-B

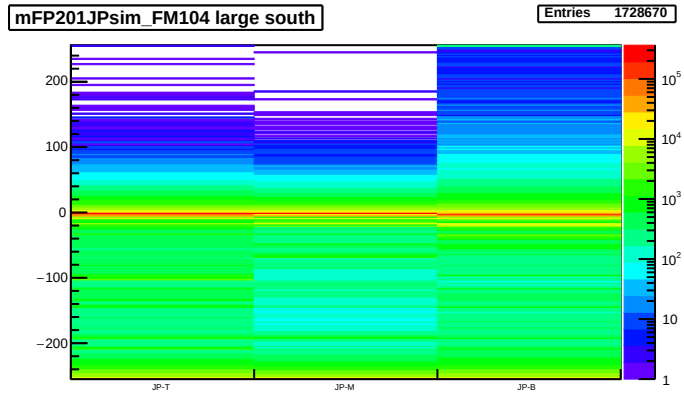

mFP201JP_FM102 small south
Entries 7964208
JP-T
JP-M
JP-B

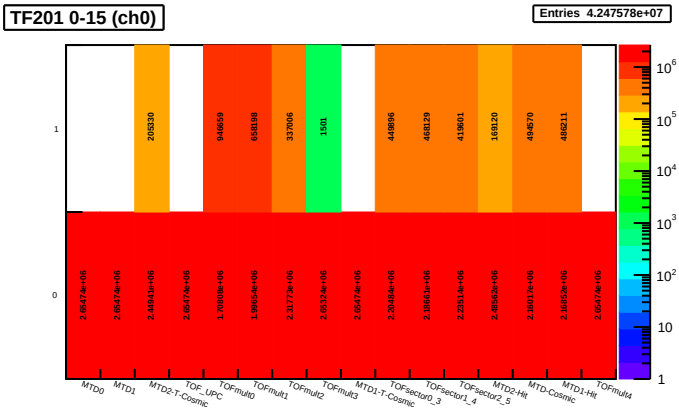

mFP201JPsim_FM102 small south
Entries 669252
JP-T
JP-M
JP-B

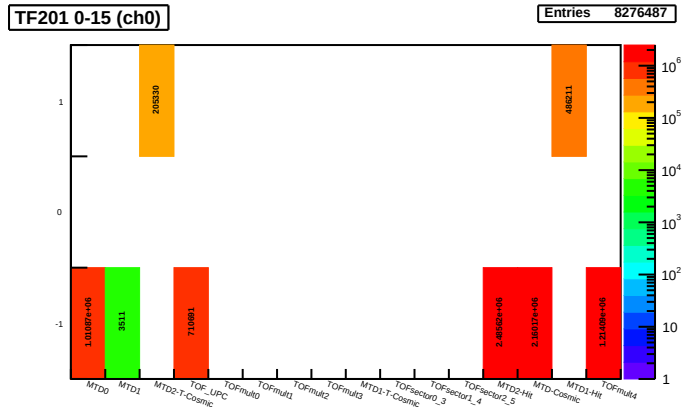

mFP201JP_FM103 large north
Entries 7964208
JP-T
JP-M
JP-B

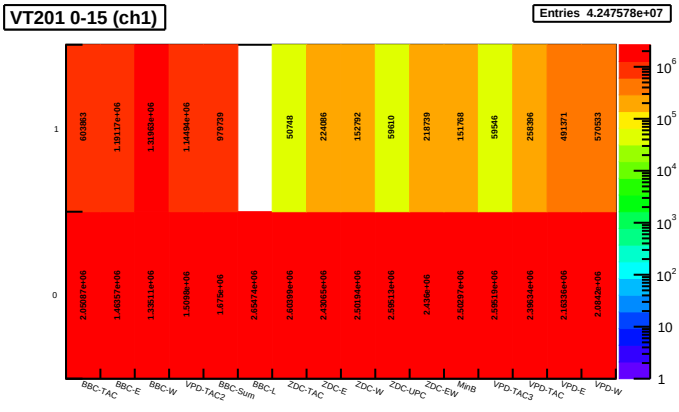

mFP201JPsim_FM103 large north
Entries 1983141
JP-T
JP-M
JP-B

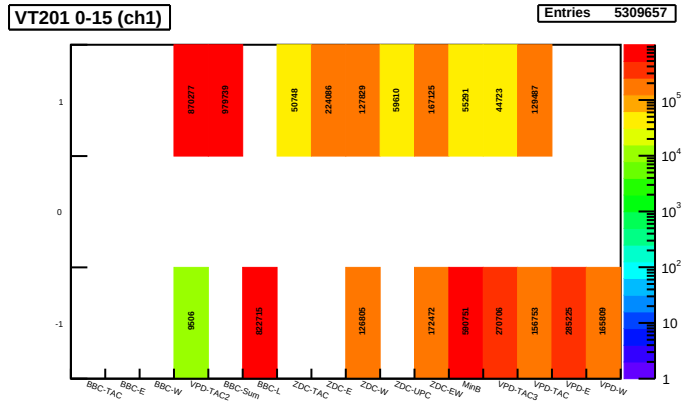

mFP201JP_FM104 large south
Entries 7964208
JP-T
JP-M
JP-B

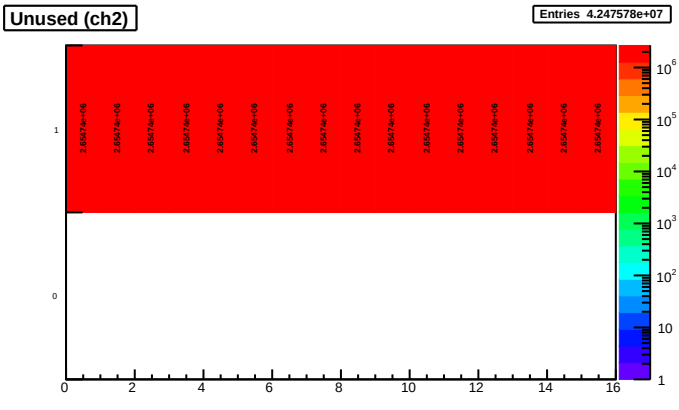

mFP201JPsim_FM104 large south
Entries 1728670
JP-T
JP-M
JP-B

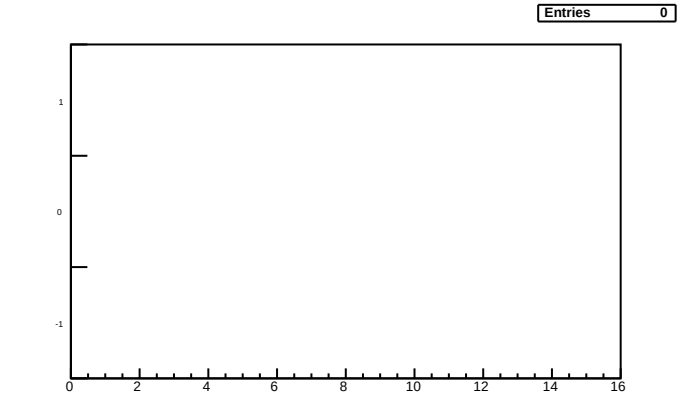

TF201 0-15 (ch0)
Entries 4.247578e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

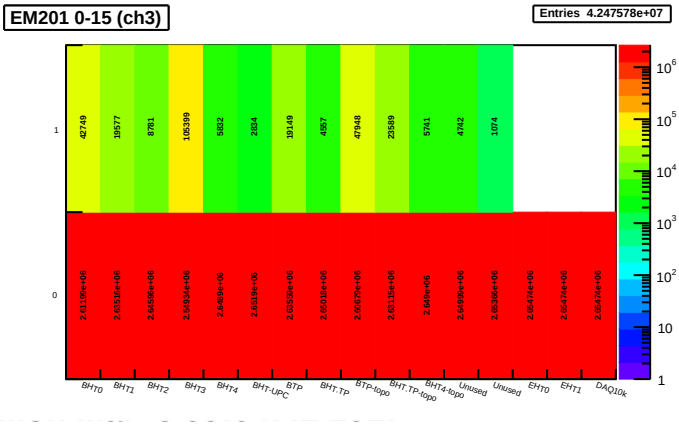

TF201 0-15 (ch0)
Entries 8276487
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

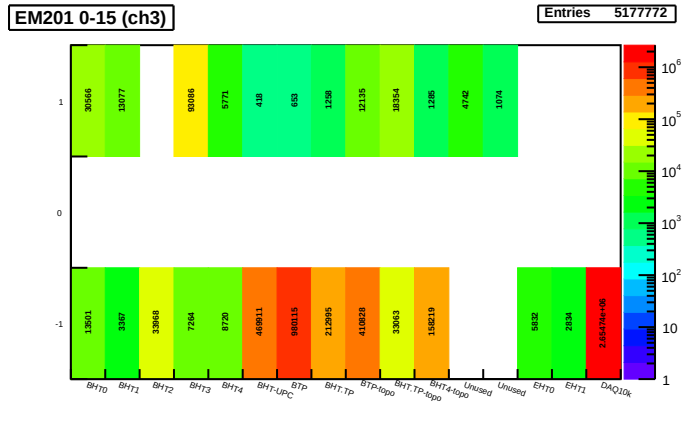

VT201 0-15 (ch1)
Entries 4.247578e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

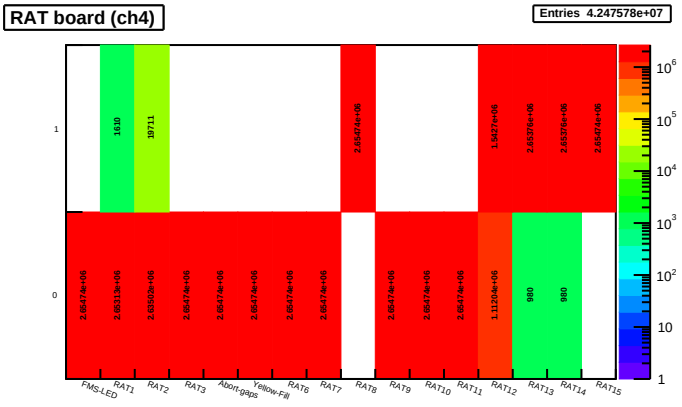

VT201 0-15 (ch1)
Entries 5309657
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

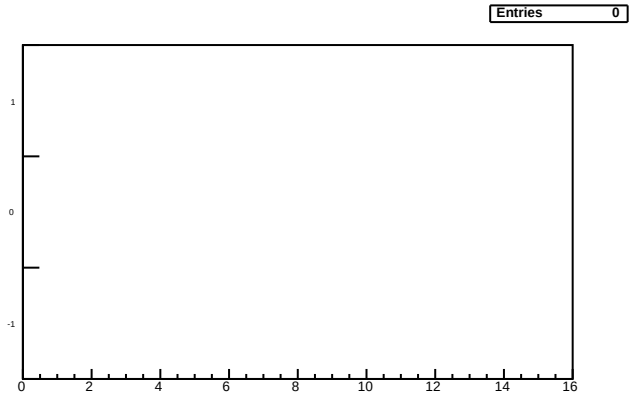

Unused (ch2)
Entries 4.247578e+07

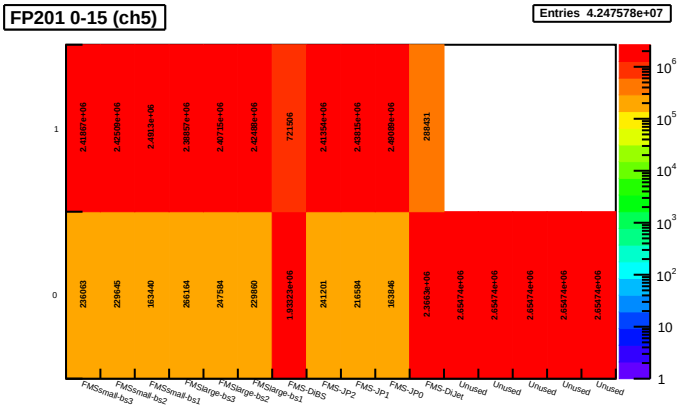

Entries 0

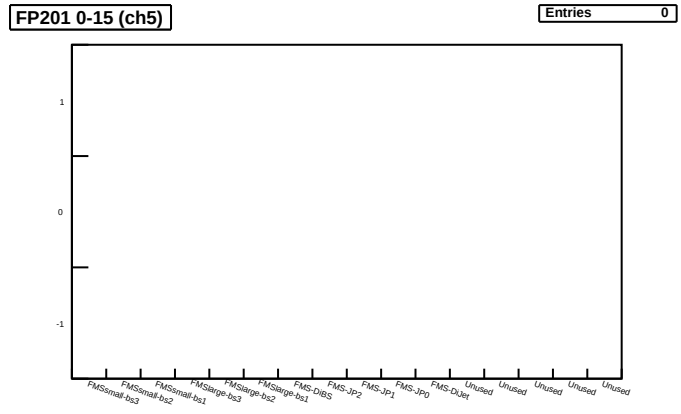

EM201 0-15 (ch3)
Entries 4.247578e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

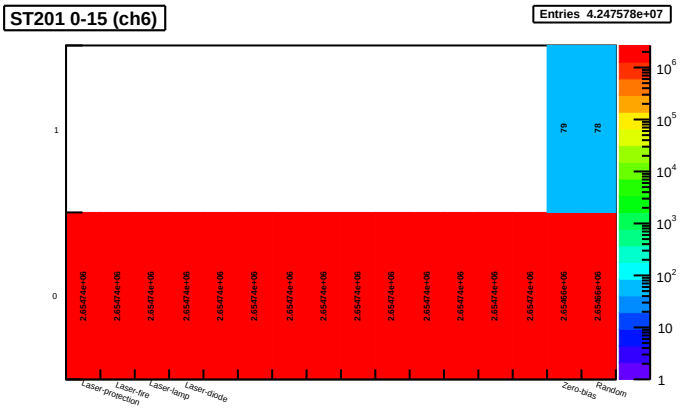

EM201 0-15 (ch3)
Entries 5177772
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

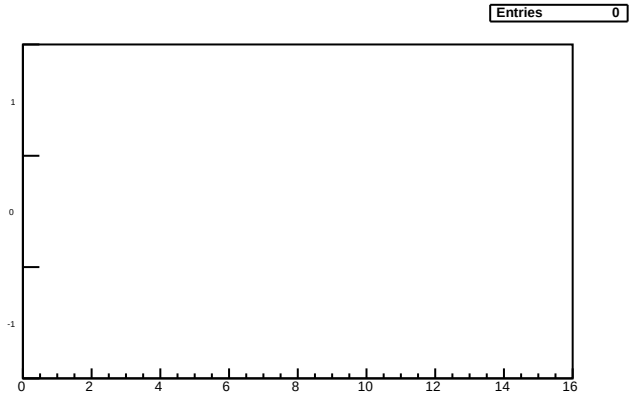

RAT board (ch4)
Entries 4.247578e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

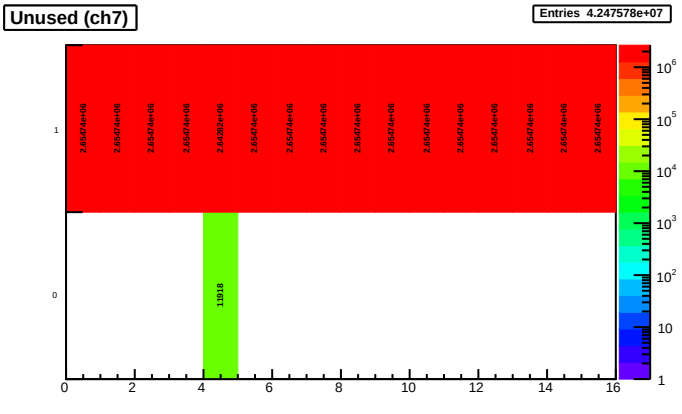

Entries 0

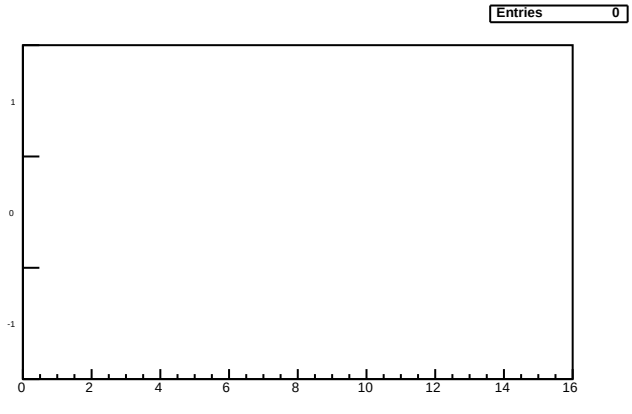

FP201 0-15 (ch5)
Entries 4.247578e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 4.247578e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bas
Random


Entries 0


Unused (ch7)
Entries 4.247578e+07


Entries 0