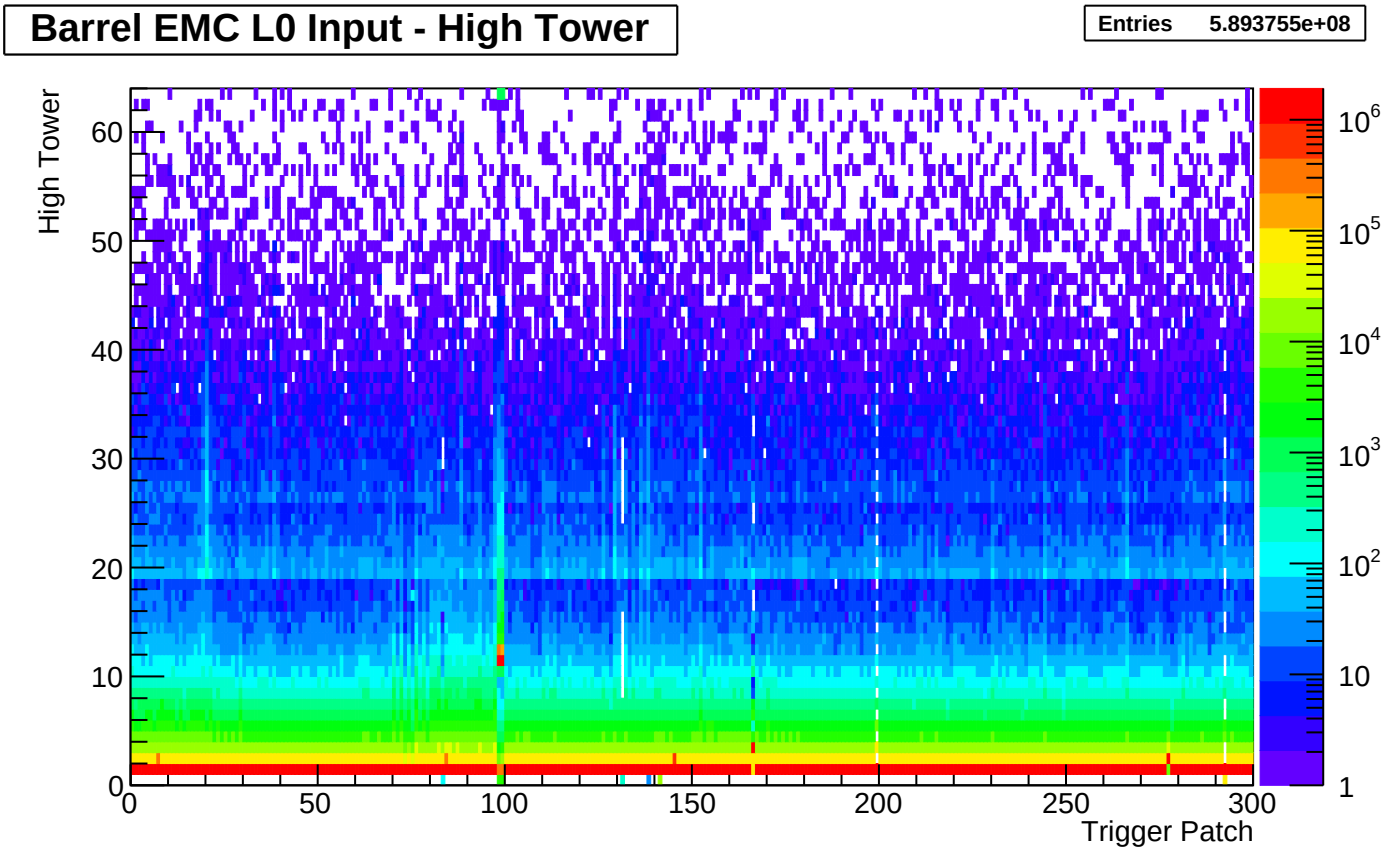
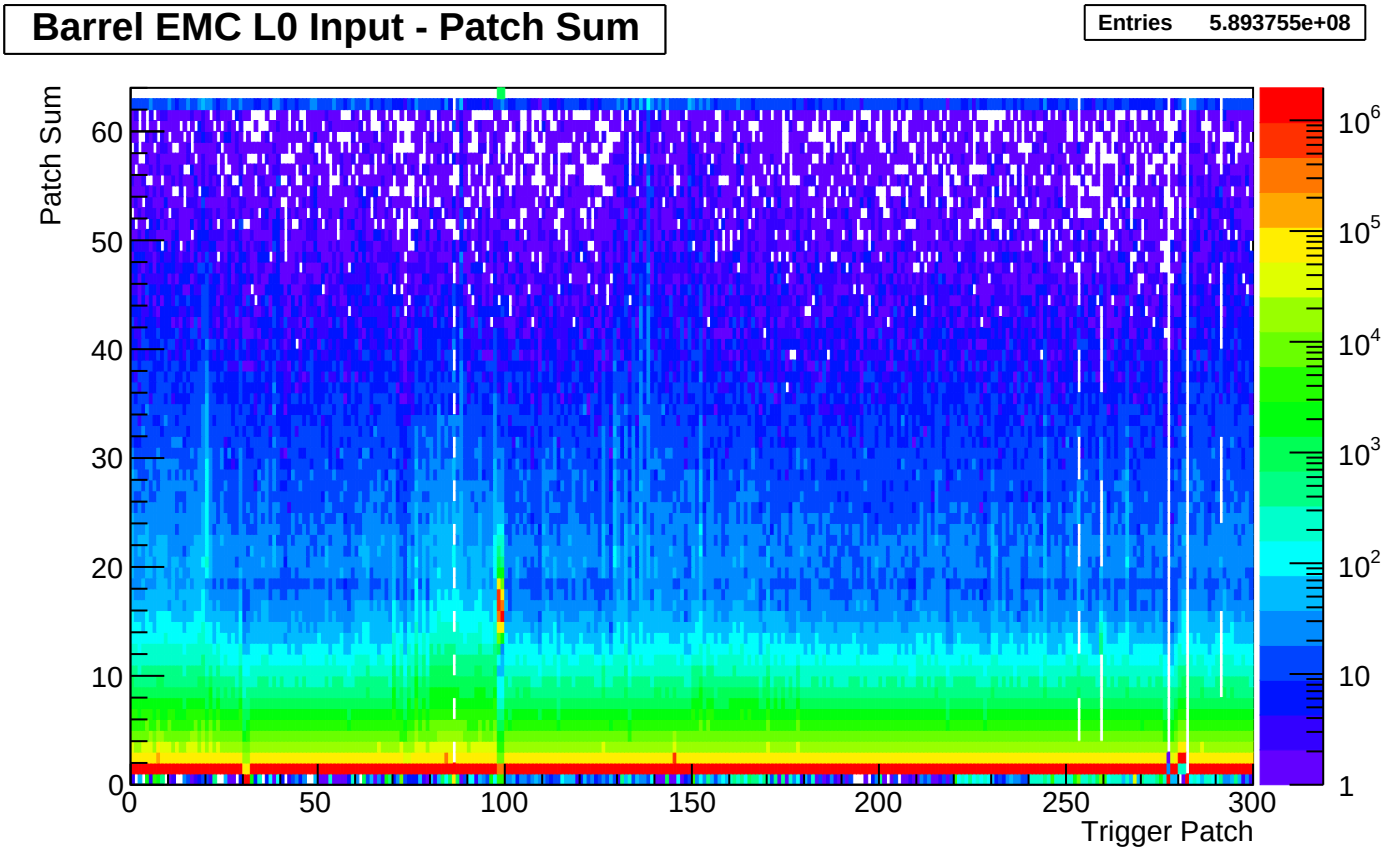
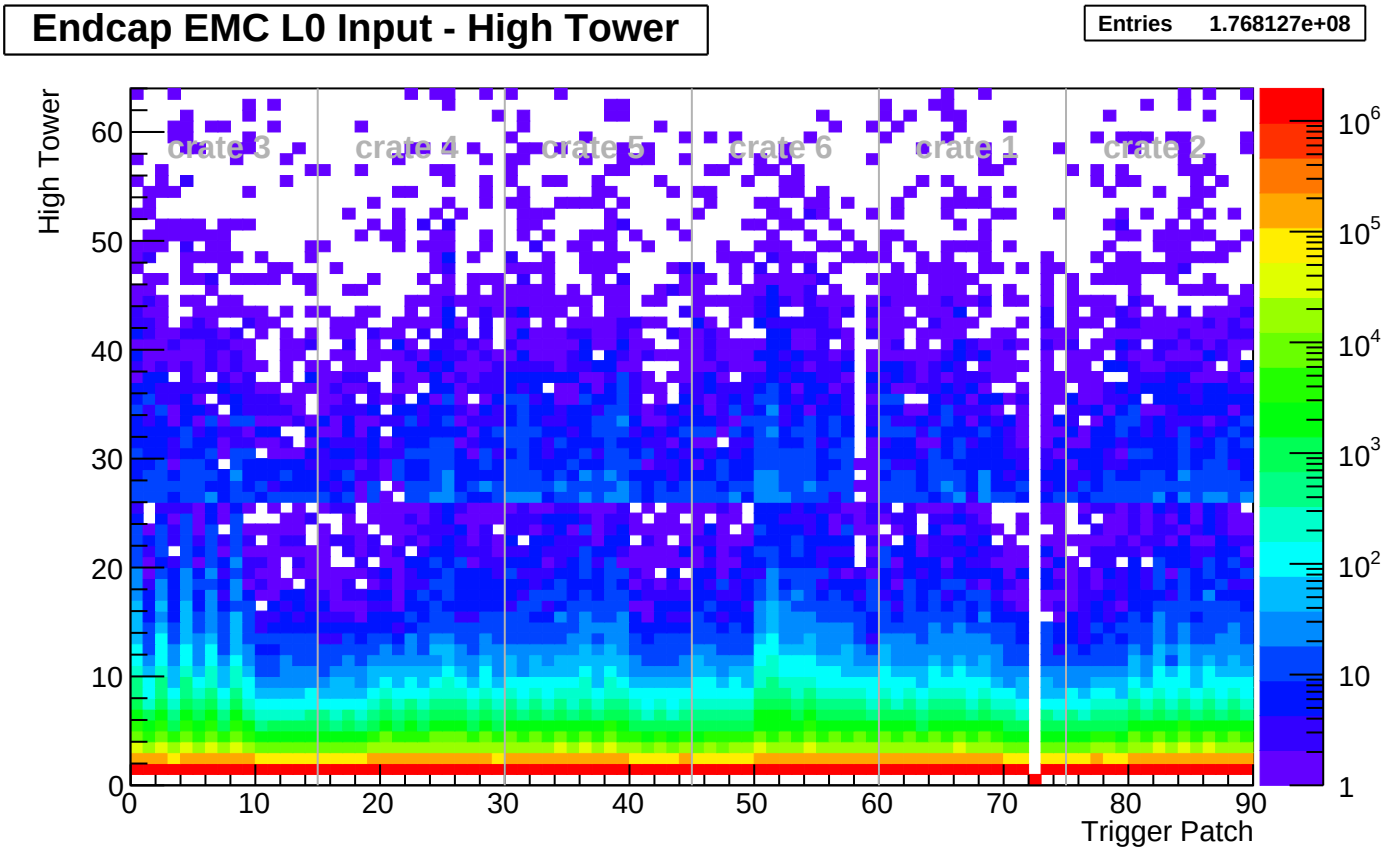
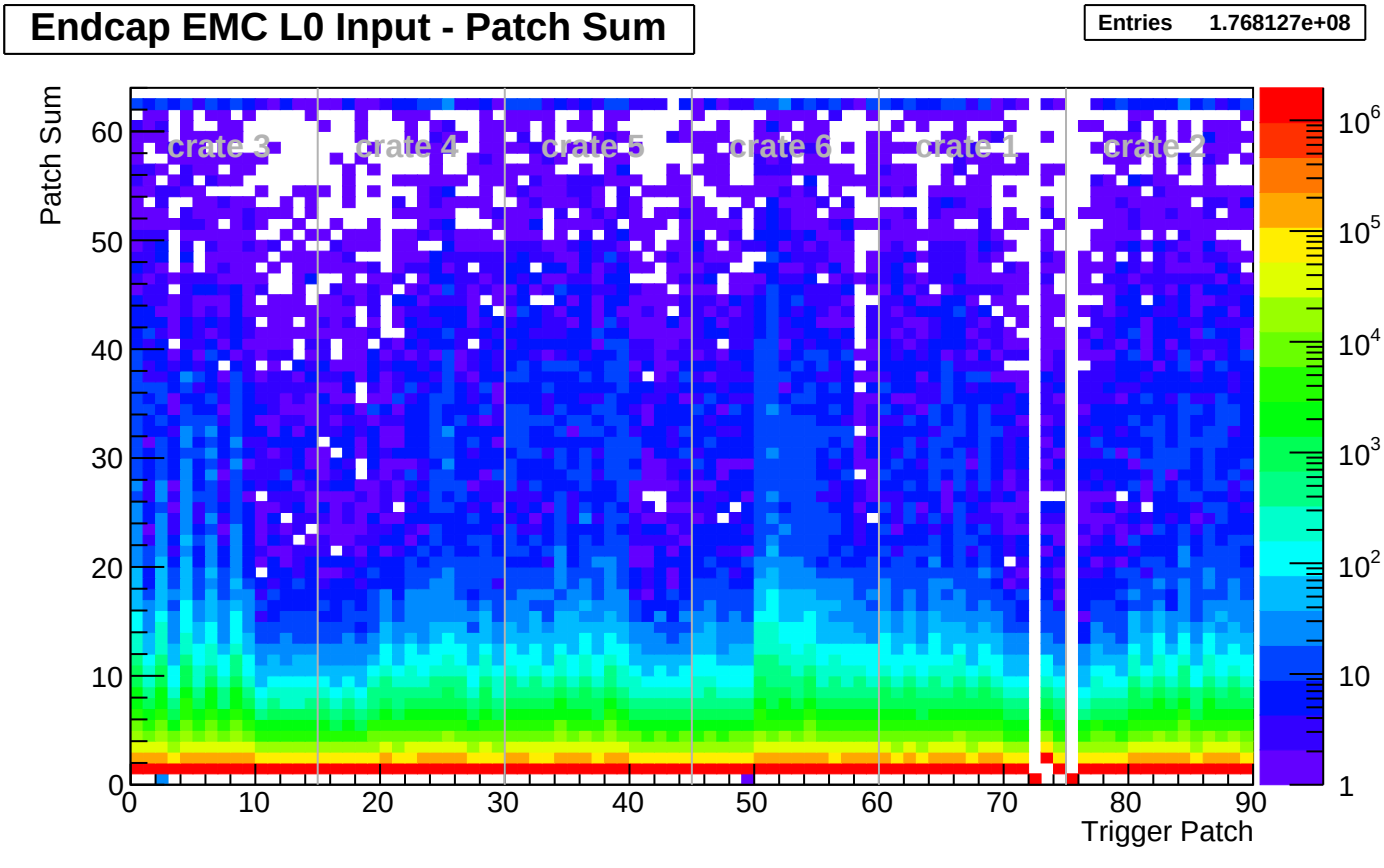
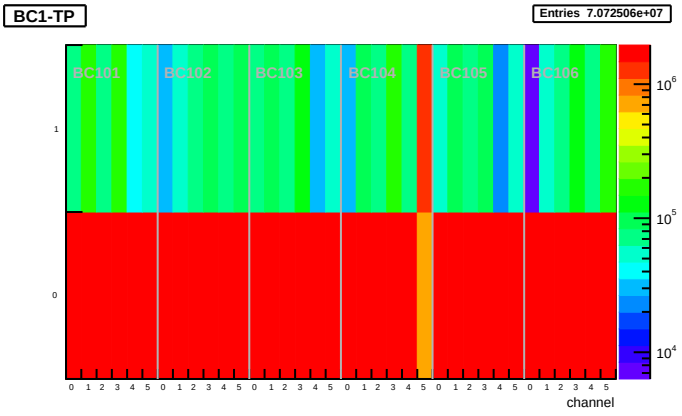
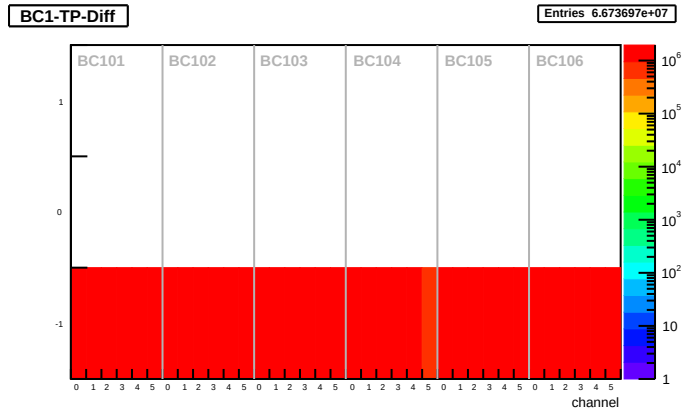

Barrel EMC L0 Input - High Tower
Entries 5.893755e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

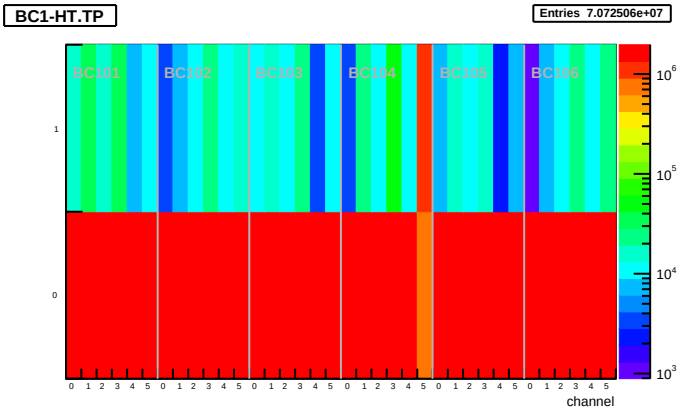

Barrel EMC L0 Input - Patch Sum
Entries 5.893755e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

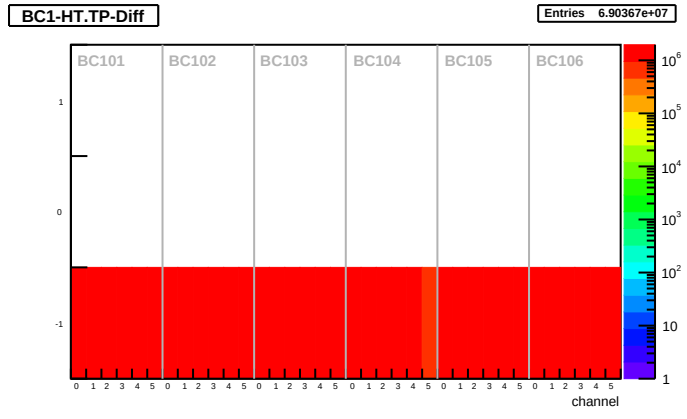

Endcap EMC L0 Input - High Tower
Entries 1.768127e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

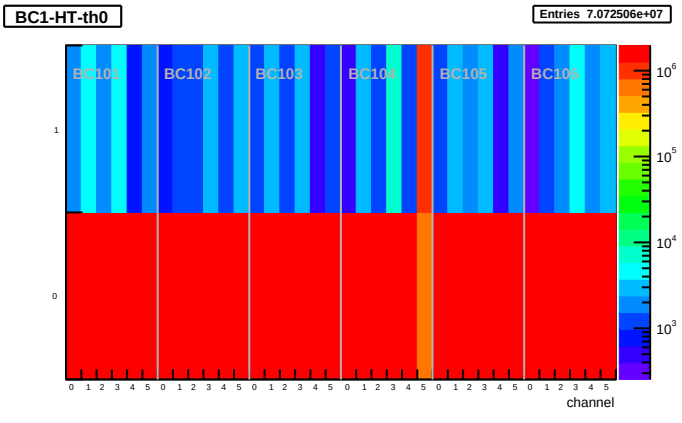

Endcap EMC L0 Input - Patch Sum
Entries 1.768127e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

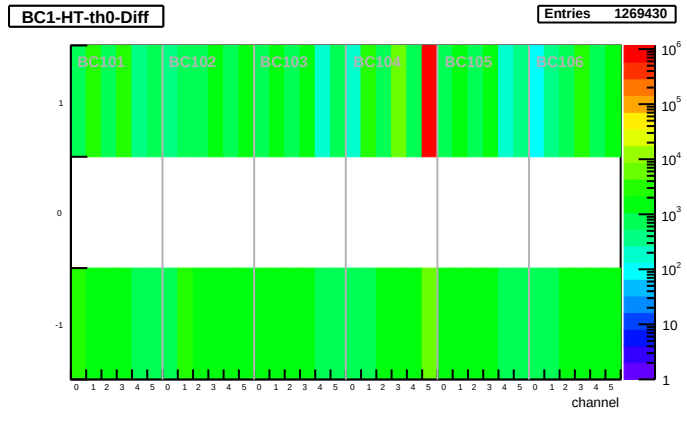

BC1-TP
Entries 7.072506e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

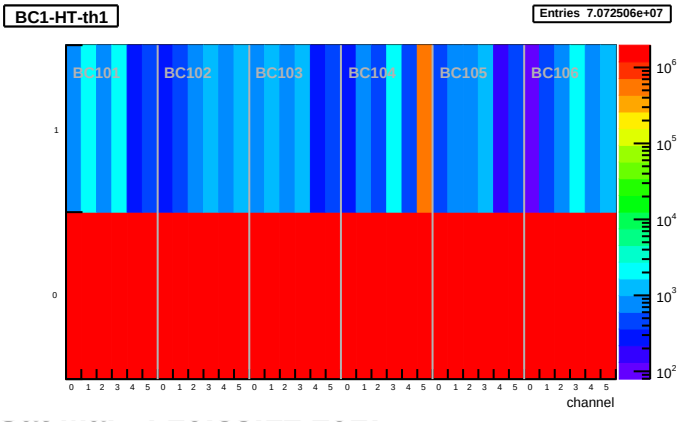

BC1-TP-Diff
Entries 6.673697e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

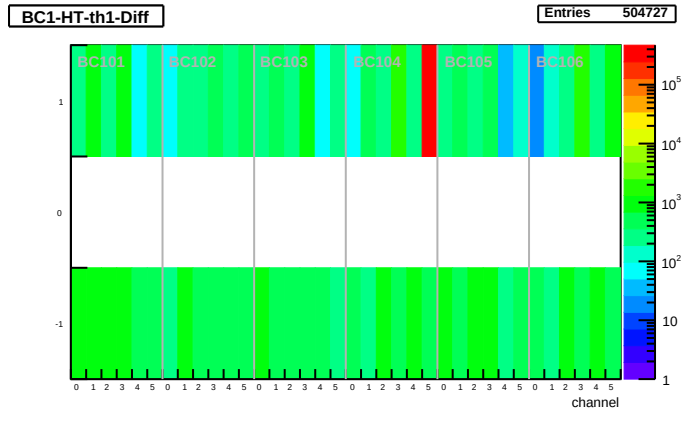

BC1-HT.TP
Entries 7.072506e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

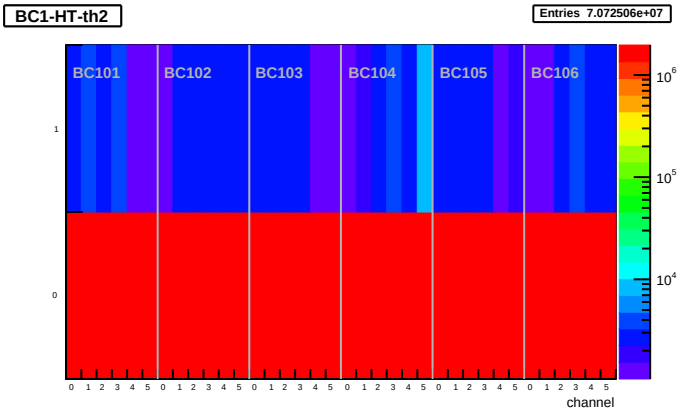

BC1-HT.TP-Diff
Entries 6.90367e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

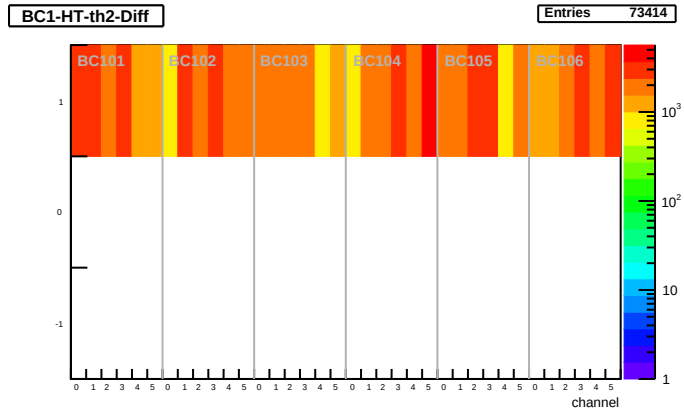

BC1-HT-th0
Entries 7.072506e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

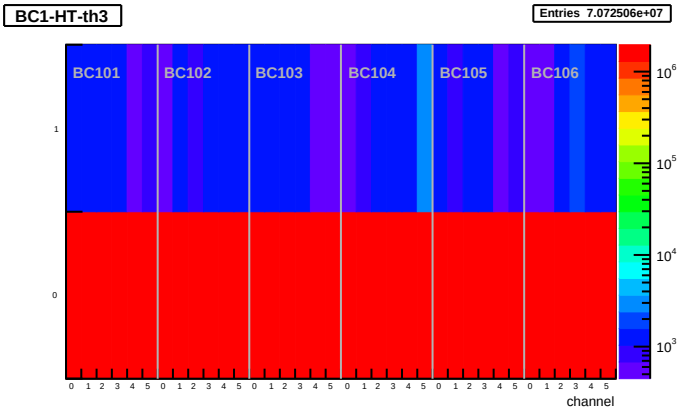

BC1-HT-th0-Diff
Entries 1269430
BC101
BC102
BC103
BC104
BC105
BC106
channel

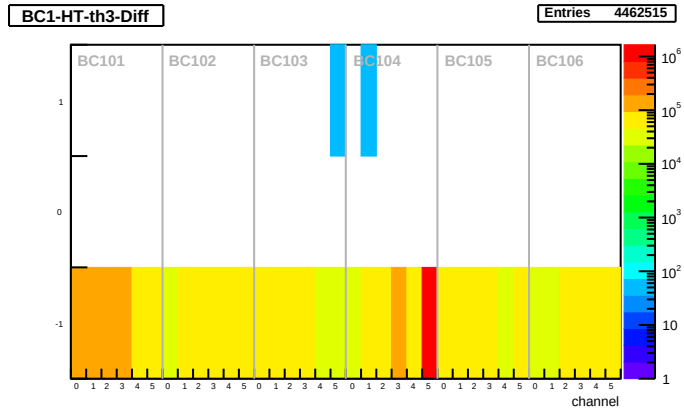

BC1-HT-th1
Entries 7.072506e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

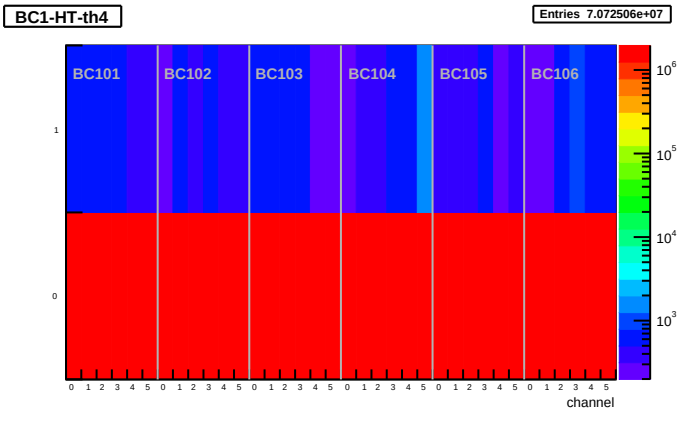

BC1-HT-th1-Diff
Entries 504727
BC101
BC102
BC103
BC104
BC105
BC106
channel

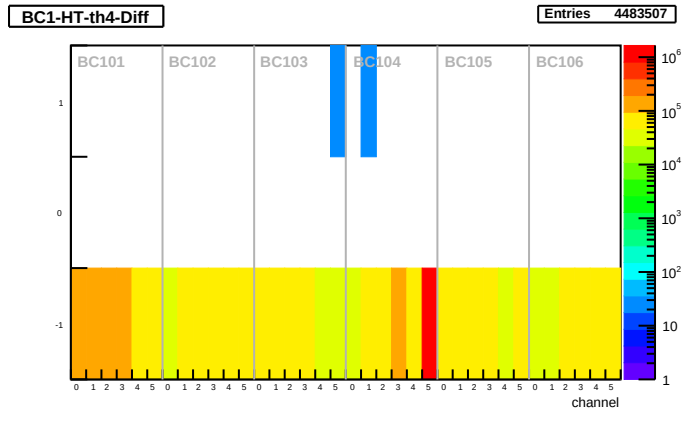

BC1-HT-th2
Entries 7.072506e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

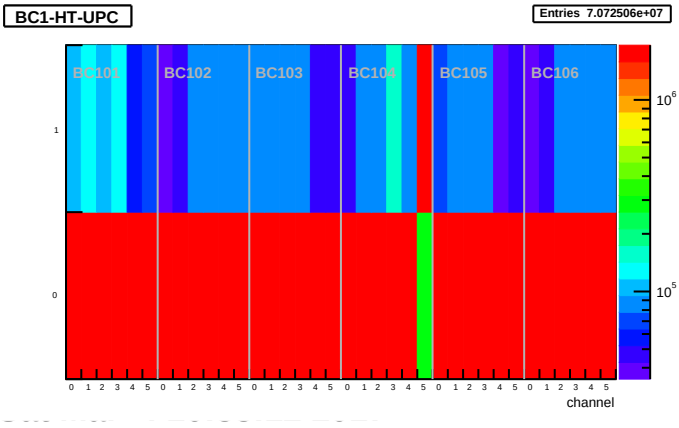

BC1-HT-th2-Diff
Entries 73414
BC101
BC102
BC103
BC104
BC105
BC106
channel

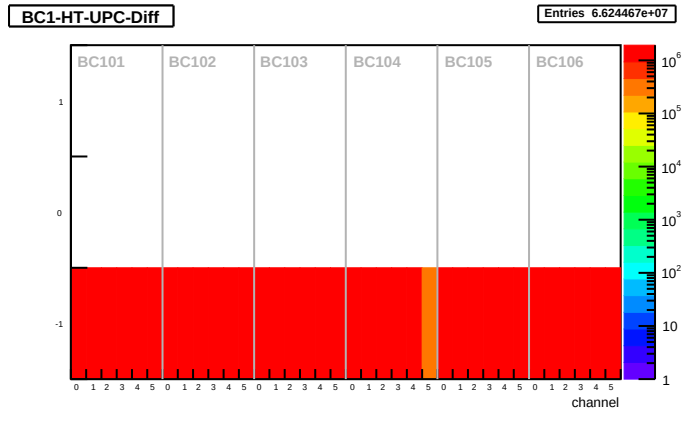

BC1-HT-th3
Entries 7.072506e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

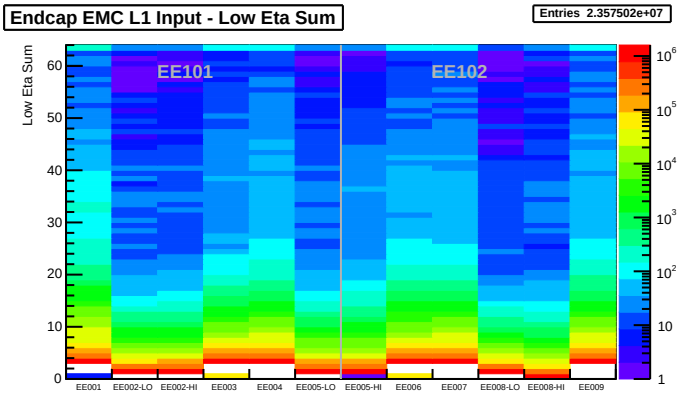

BC1-HT-th3-Diff
Entries 4462515
BC101
BC102
BC103
BC104
BC105
BC106
channel

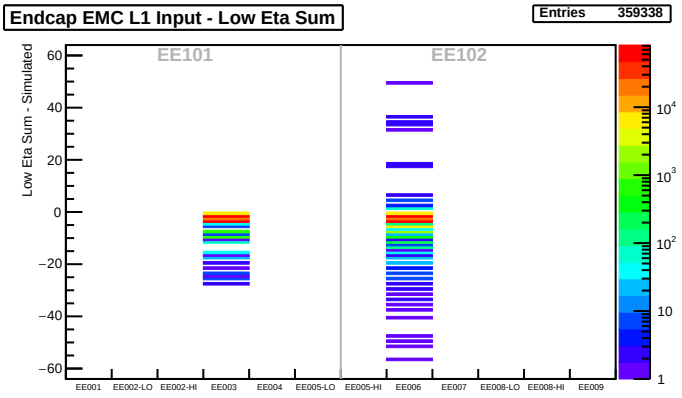

BC1-HT-th4
Entries 7.072506e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

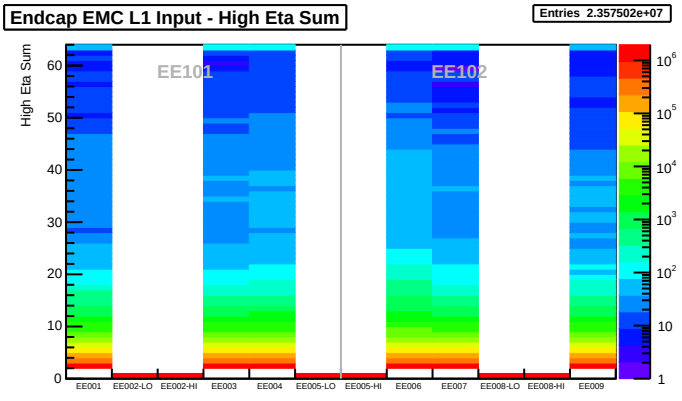

BC1-HT-th4-Diff
Entries 4483507
BC101
BC102
BC103
BC104
BC105
BC106
channel

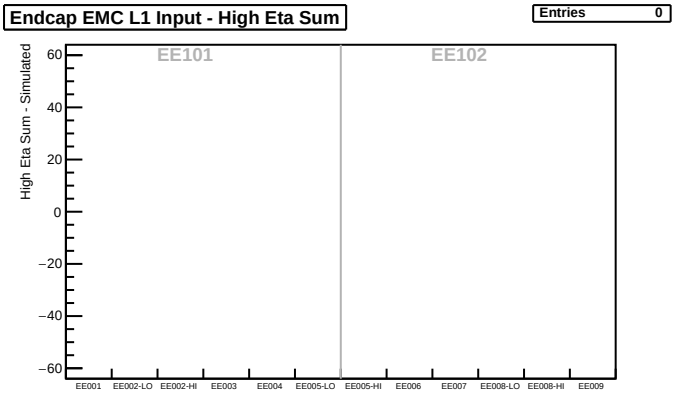

BC1-HT-UPC
Entries 7.072506e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

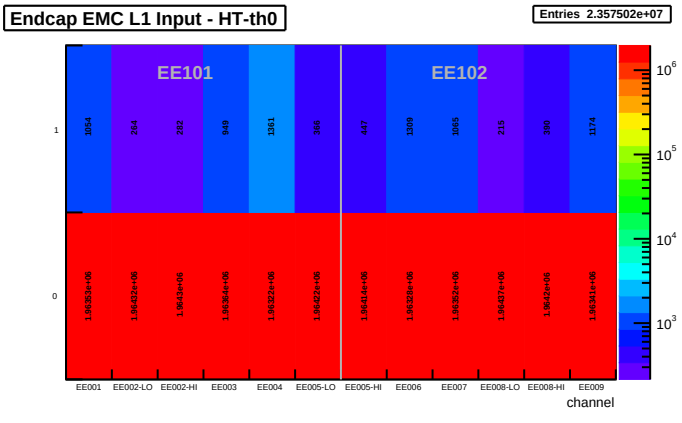

BC1-HT-UPC-Diff
Entries 6.624467e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

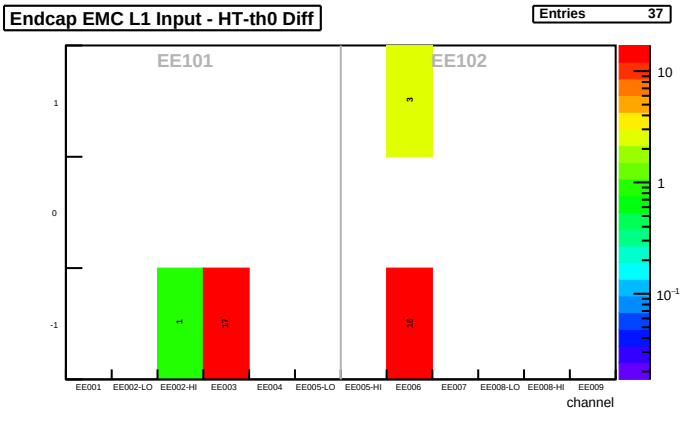

Endcap EMC L1 Input - Low Eta Sum
Entries 2.357502e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

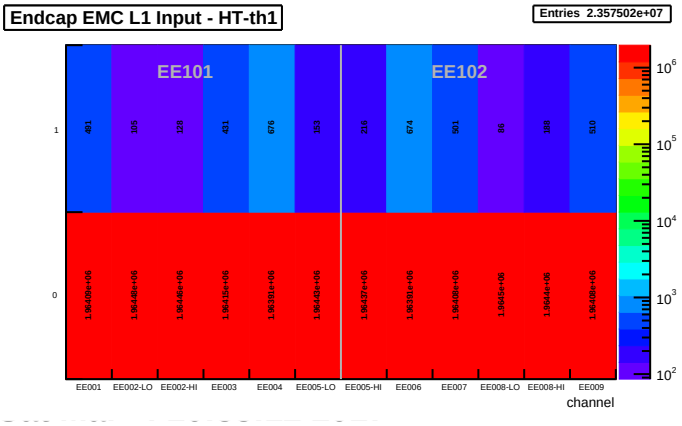

Endcap EMC L1 Input - Low Eta Sum
Entries 359338
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

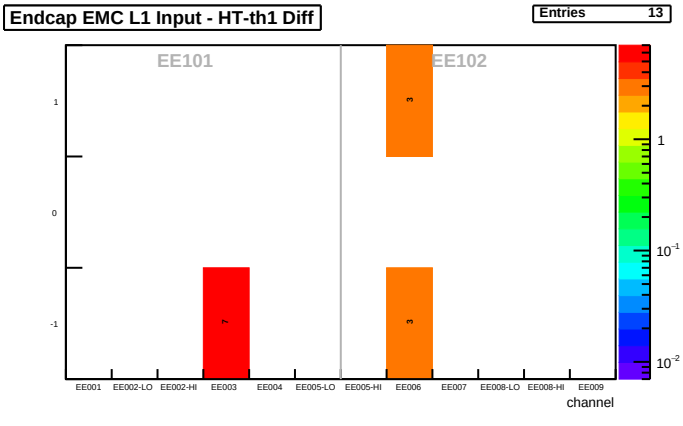

Endcap EMC L1 Input - High Eta Sum
Entries 2.357502e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

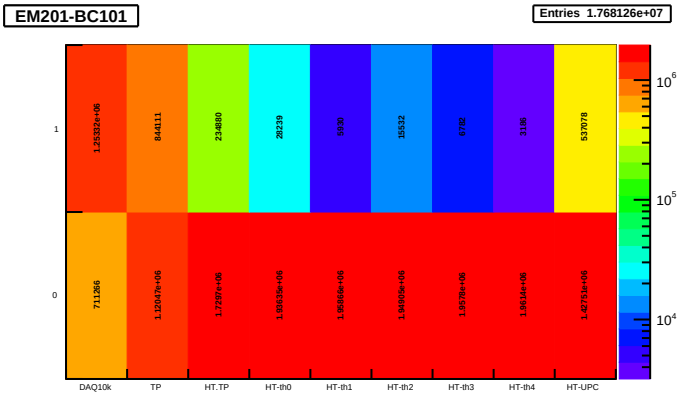

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

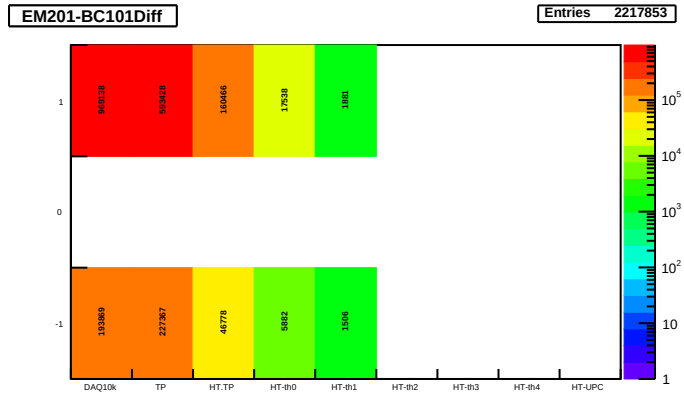

Endcap EMC L1 Input - HT-th0
Entries 2.357502e+07
EE101
EE102
1054 264 282 949 1361 366 447 1309 1065 215 330 1174
1.96353e+06 1.96432e+06 1.96443e+06 1.96304e+06 1.96332e+06 1.96422e+06 1.96414e+06 1.96328e+06 1.96352e+06 1.96437e+06 1.96442e+06 1.96341e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

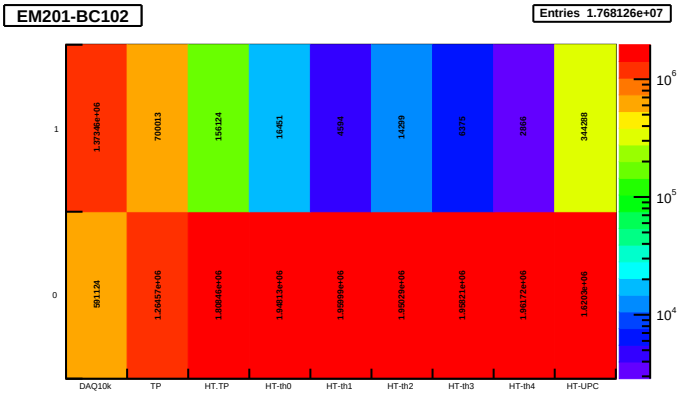

Endcap EMC L1 Input - HT-th0 Diff
Entries 37
EE101
EE102
1 17 3 16
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

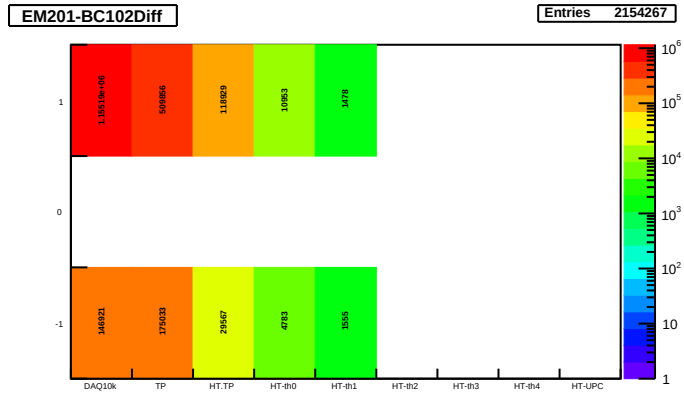

Endcap EMC L1 Input - HT-th1
Entries 2.357502e+07
EE101
EE102
491 105 128 431 676 153 216 674 901 86 188 510
1.96409e+06 1.96448e+06 1.96462e+06 1.96415e+06 1.96391e+06 1.96430e+06 1.96437e+06 1.96391e+06 1.96408e+06 1.9645e+06 1.96444e+06 1.96408e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

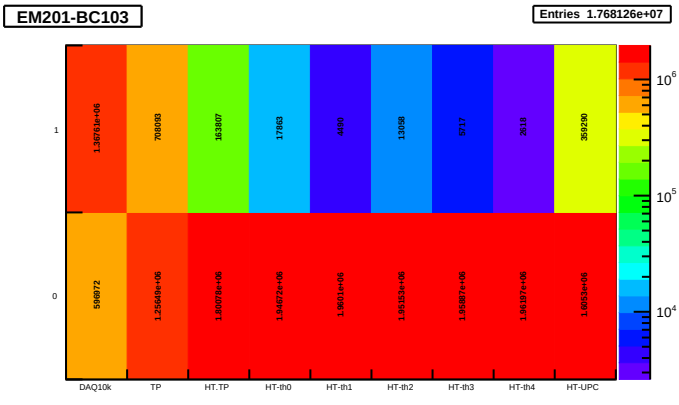

Endcap EMC L1 Input - HT-th1 Diff
Entries 13
EE101
EE102
3 7 3
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

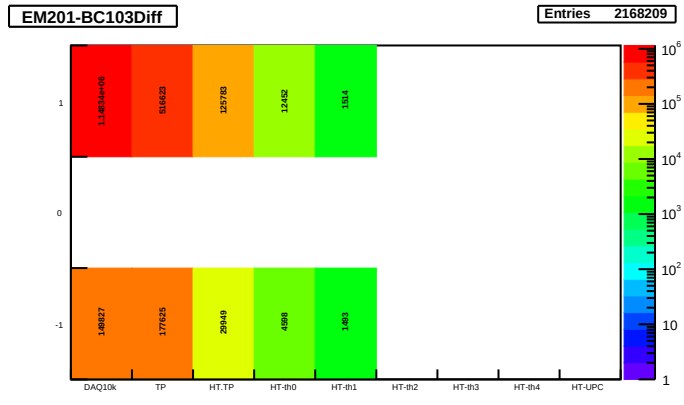

EM201-BC101
Entries 1.768126e+07
1.25332e+06
844111
234880
28239
5930
15532
6722
3186
537078
711265
1.12047e+06
1.72397e+06
1.93635e+06
1.95866e+06
1.94095e+06
1.95679e+06
1.95634e+06
1.42751e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

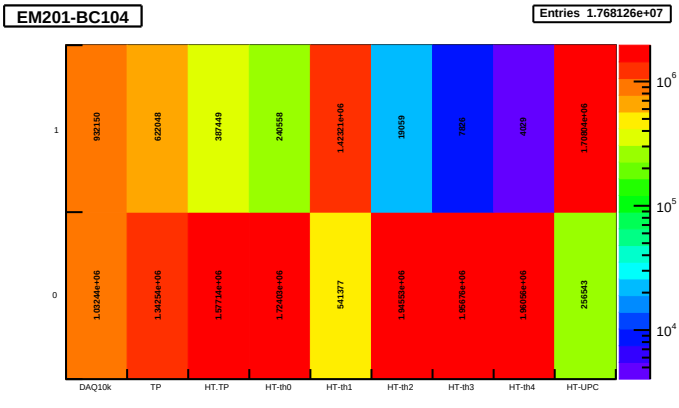

EM201-BC101Diff
Entries 2217853
969138
593428
169466
17538
1881
193869
227367
46778
5882
1506
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

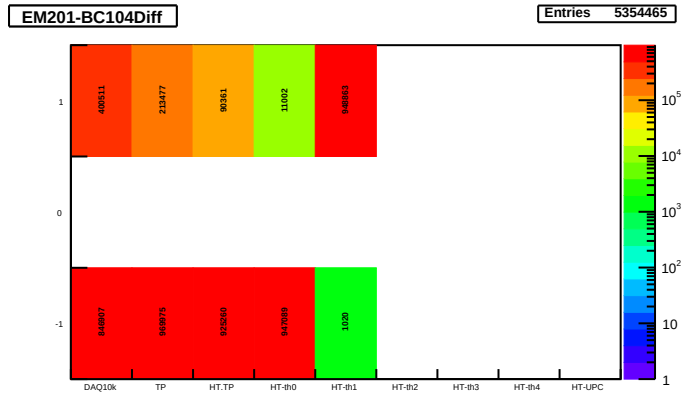

EM201-BC102
Entries 1.768126e+07
1.37346e+06
700013
156124
15451
4594
14299
6375
2866
344288
591124
1.26457e+06
1.69846e+06
1.94813e+06
1.99999e+06
1.99929e+06
1.99921e+06
1.96172e+06
1.62038e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 2154267
1.15519e+06
509856
118929
15953
1478
146921
175033
29567
4783
1555
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

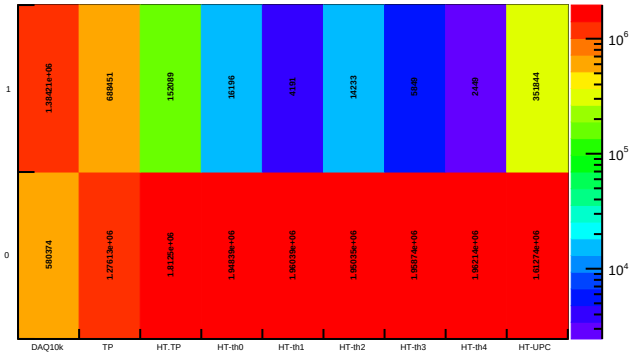

EM201-BC103
Entries 1.768126e+07
1.36761e+06
708093
163807
17983
4490
13098
5517
2618
359290
598972
1.25649e+06
1.60078e+06
1.94672e+06
1.9601e+06
1.95153e+06
1.95887e+06
1.96197e+06
1.60533e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 2168209
1.14834e+06
516628
125783
12452
1514
149827
177625
29949
4598
1493
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

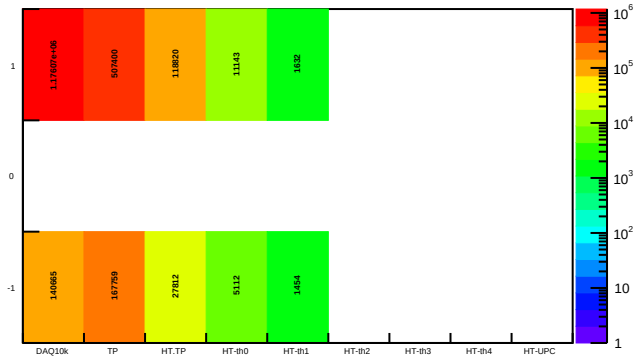

EM201-BC104
Entries 1.768126e+07
932150
622048
397449
240558
1.42321e+06
19059
7826
4029
1.76804e+06
1.03244e+06
1.34254e+06
1.57714e+06
1.72403e+06
541377
1.94533e+06
1.95676e+06
1.96056e+06
256543
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 5354465
400511
213477
90361
11002
948863
848807
969975
925360
947089
1020
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

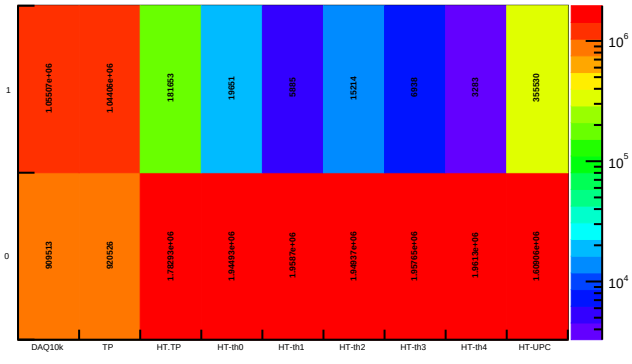
EM201-BC105 Entries 1.768126e+07



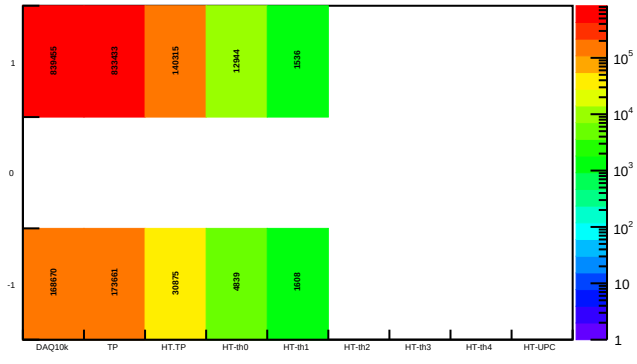
EM201-BC105Diff Entries 2157863



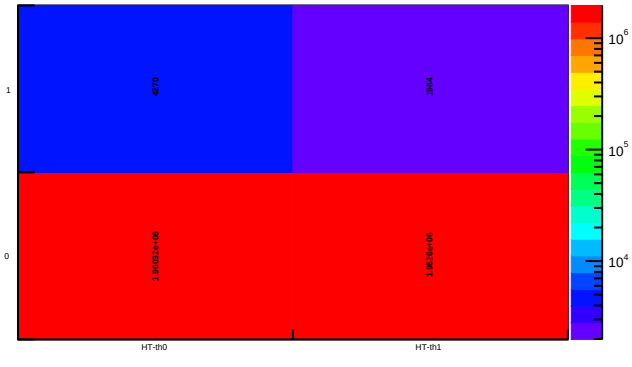
EM201-BC106 Entries 1.768126e+07



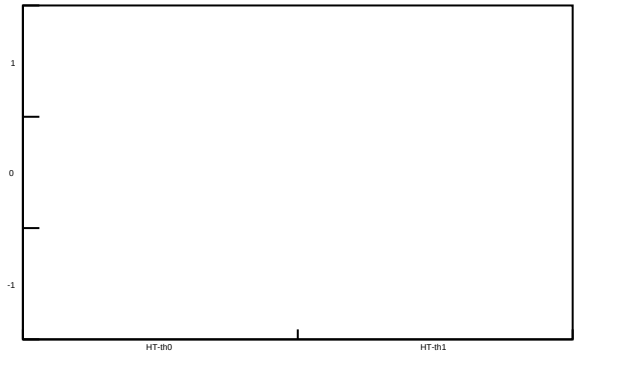
EM201-BC106Diff Entries 2207336



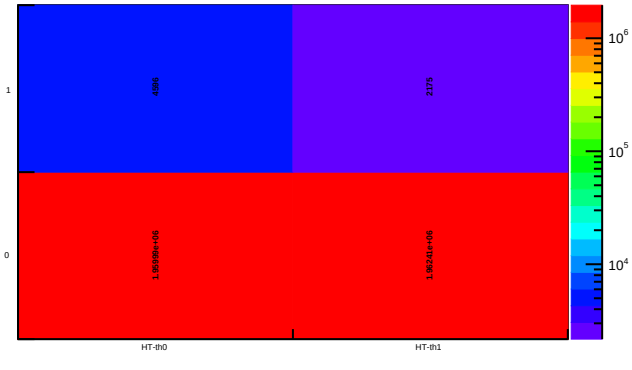
EM201-EE101 Entries 3929170



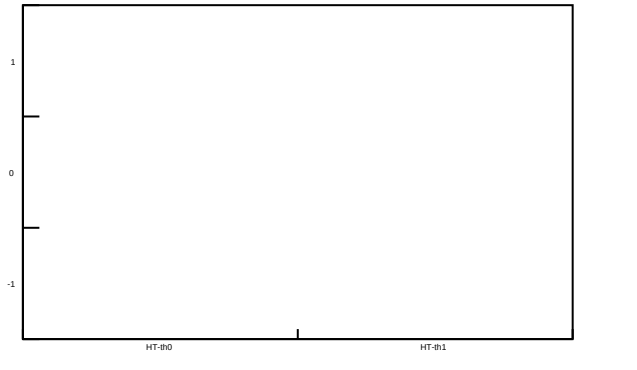
EM201-EE101Diff Entries 0

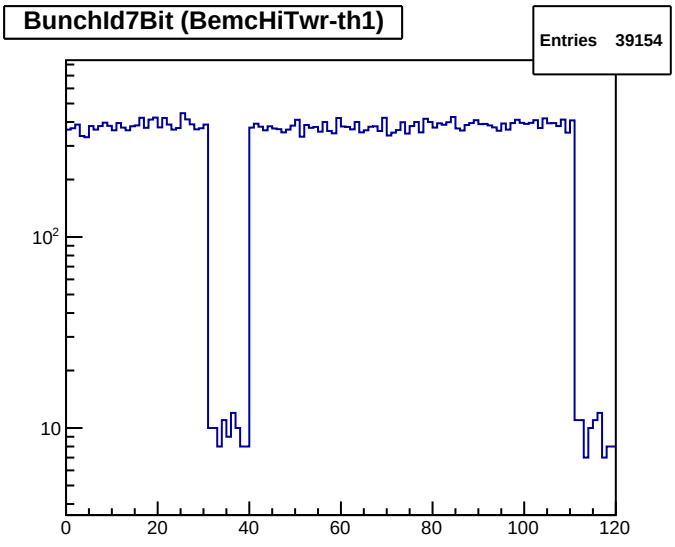


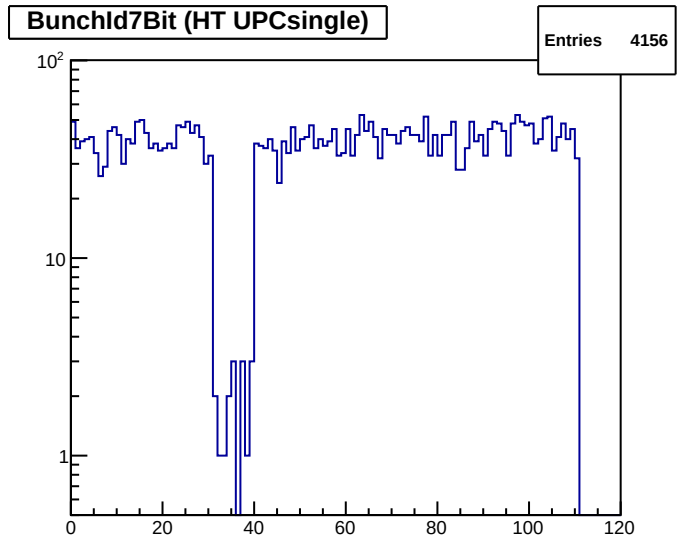
EM201-EE102 Entries 3929170

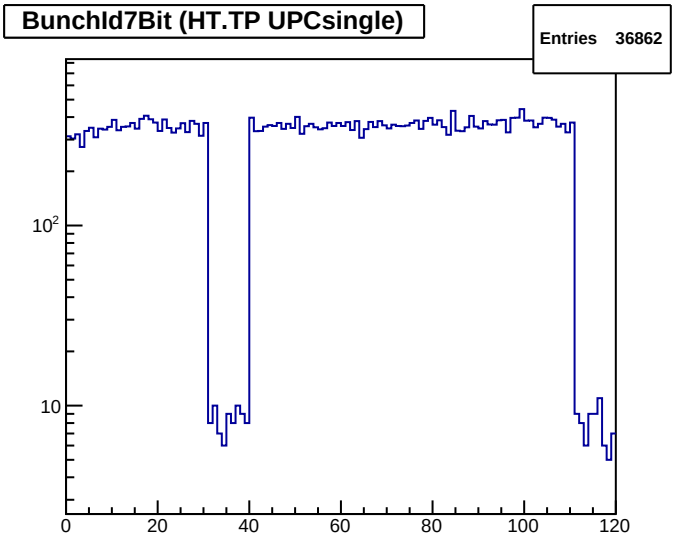


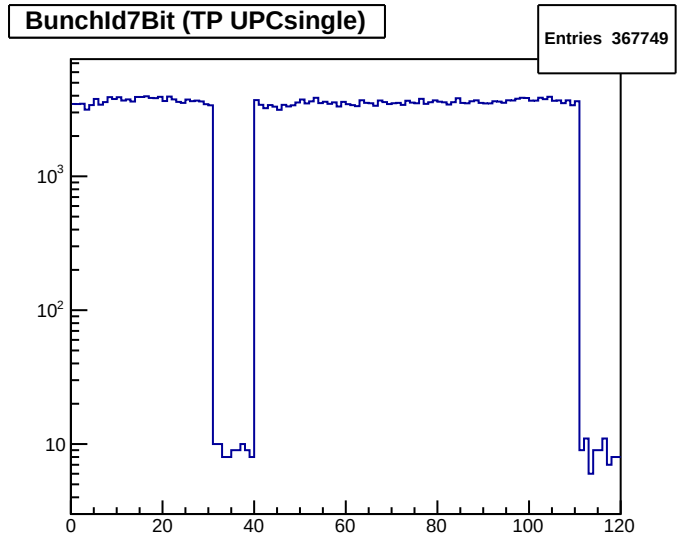
EM201-EE102Diff Entries 0

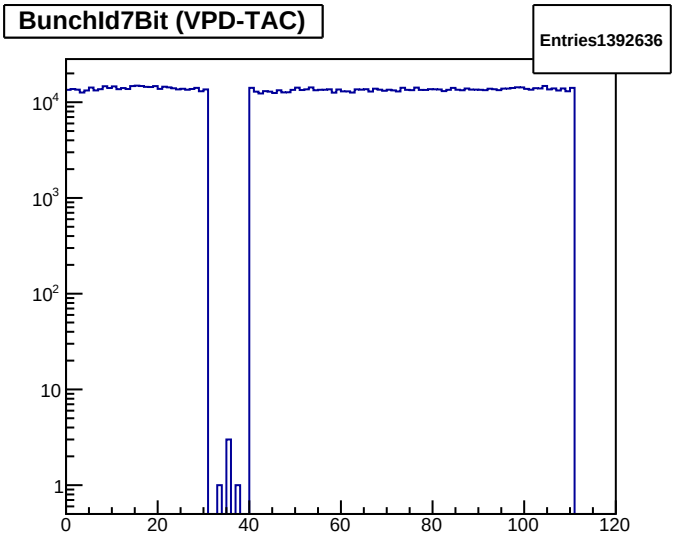


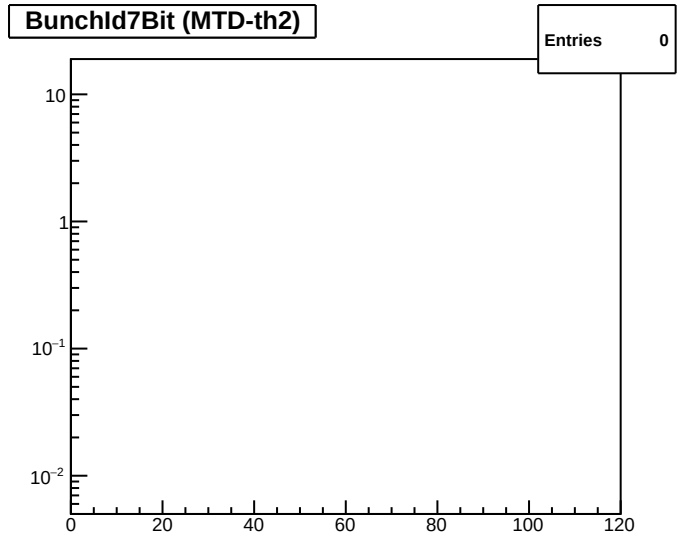

BunchId7Bit (BemcHiTwr-th1)
Entries 39154

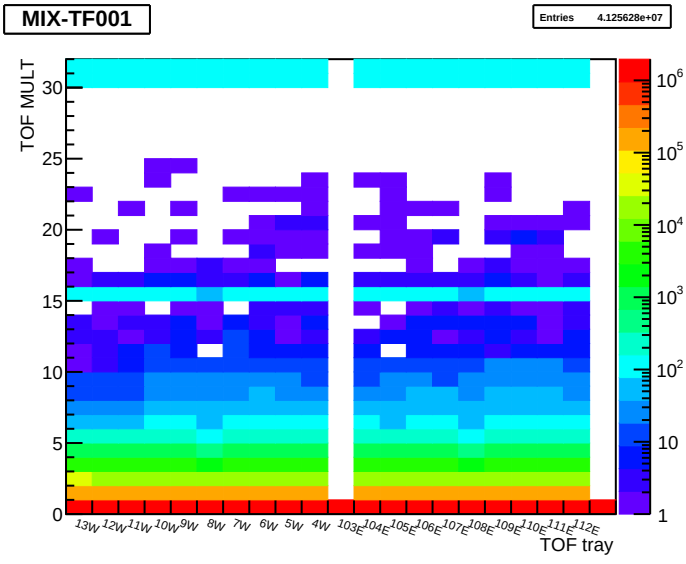

BunchId7Bit (HT UPCsingle)
Entries 4156

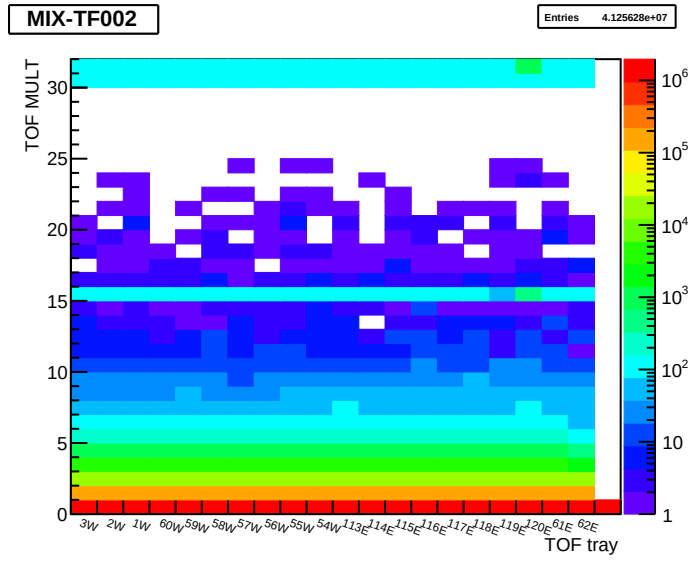

BunchId7Bit (HT.TP UPCsingle)
Entries 36862

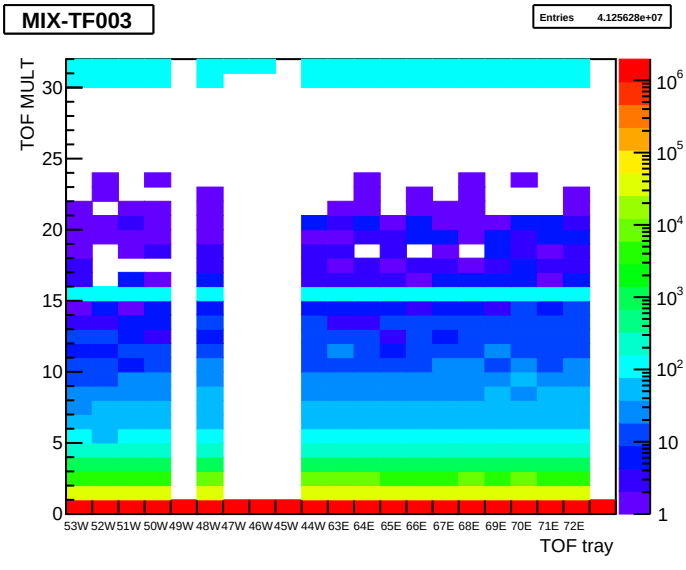

BunchId7Bit (TP UPCsingle)
Entries 367749

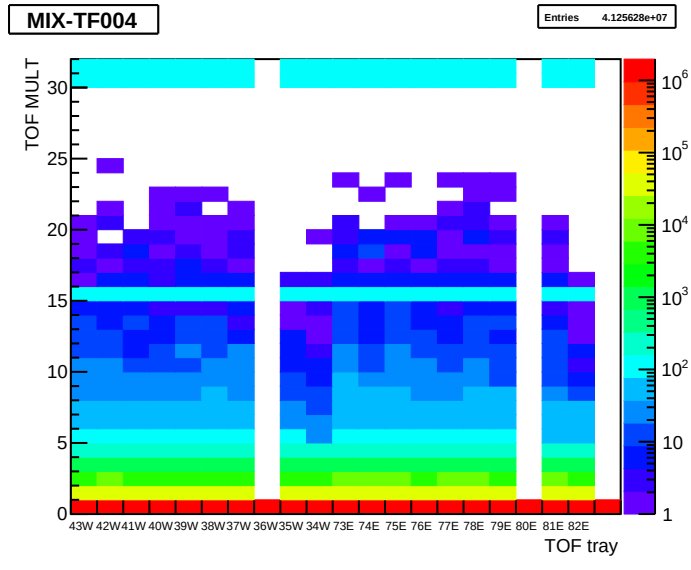

BunchId7Bit (VPD-TAC)
Entries1392636

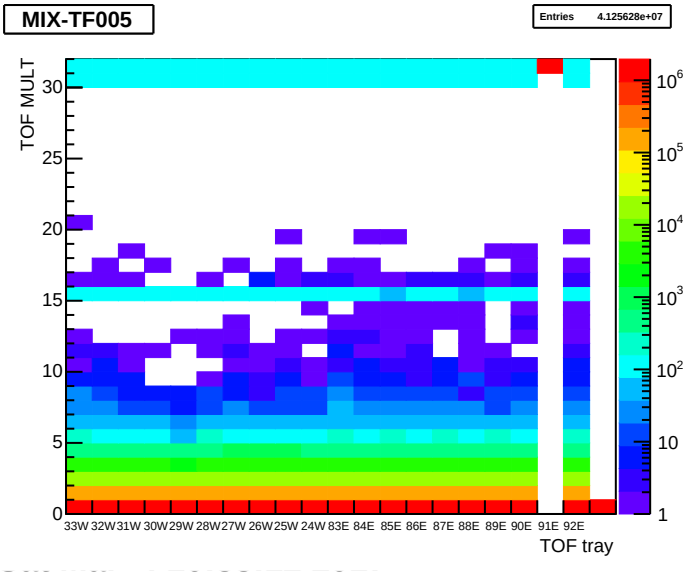

BunchId7Bit (MTD-th2)
Entries 0

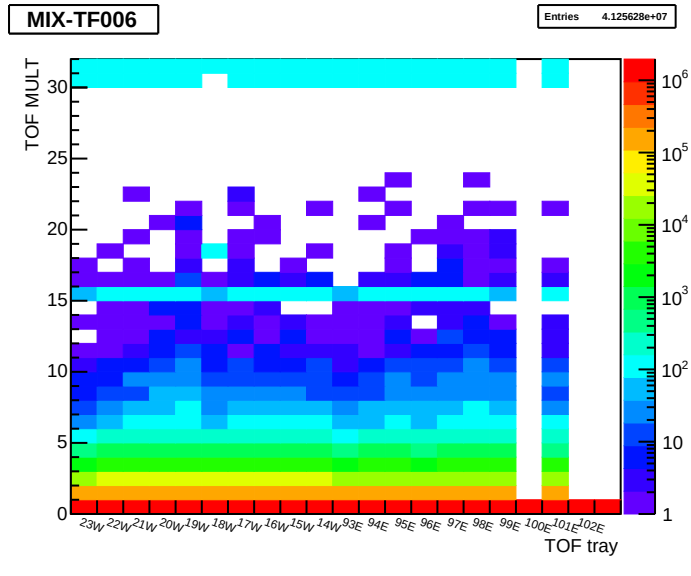

MIX-TF001
Entries 4.125628e+07
TOF MULT
TOF tray

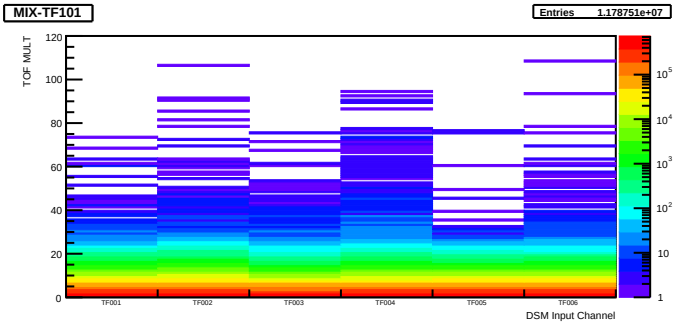

MIX-TF002
Entries 4.125628e+07
TOF MULT
TOF tray

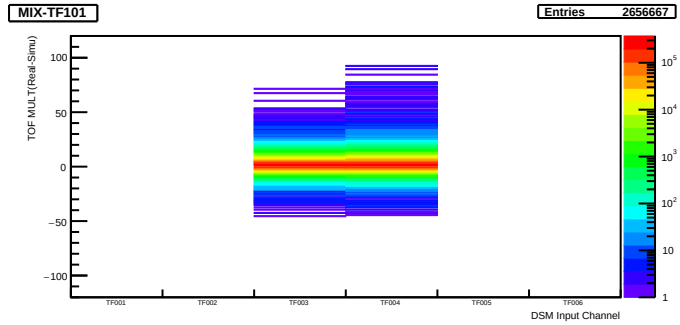

MIX-TF003
Entries 4.125628e+07
TOF MULT
TOF tray

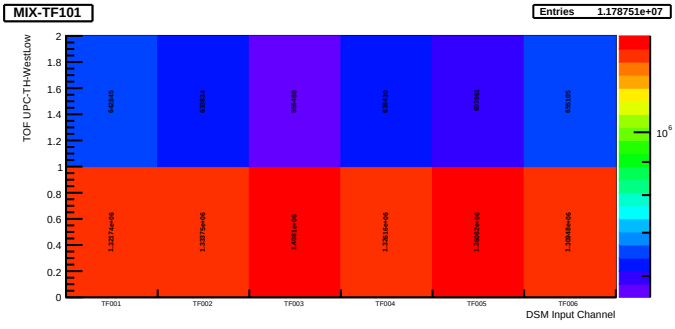

MIX-TF004
Entries 4.125628e+07
TOF MULT
TOF tray

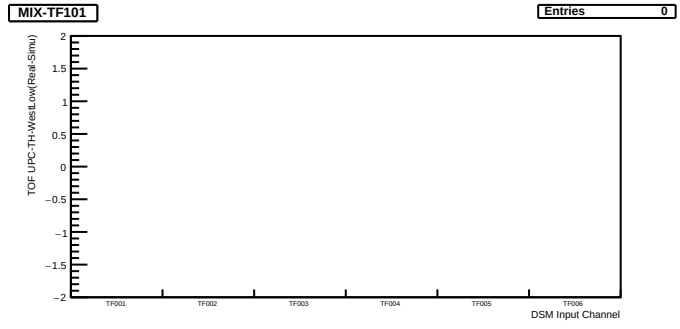

MIX-TF005
Entries 4.125628e+07
TOF MULT
TOF tray

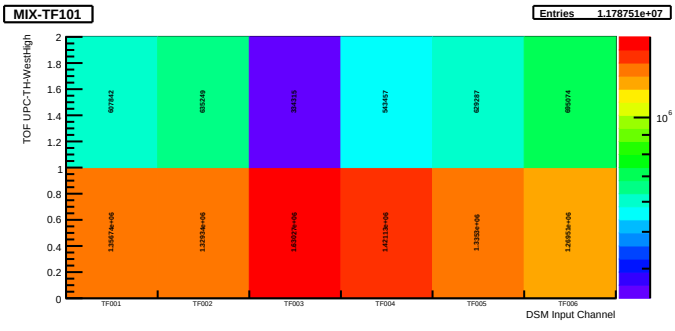

MIX-TF006
Entries 4.125628e+07
TOF MULT
TOF tray

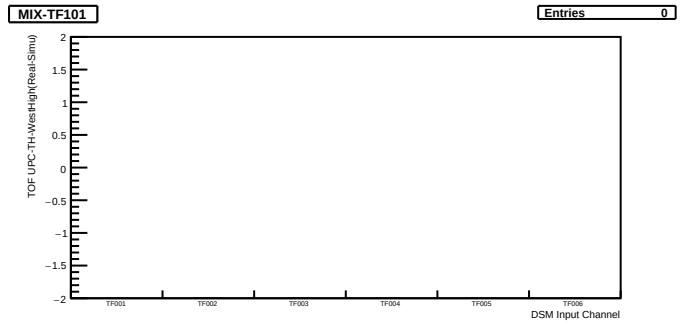

MIX-TF101
Entries 1.178751e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

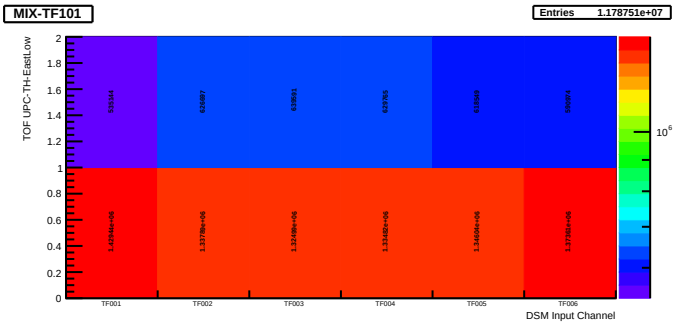

MIX-TF101
Entries 2656667
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

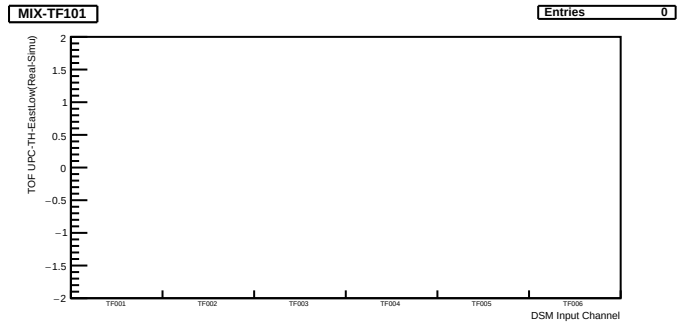

MIX-TF101
Entries 1.178751e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

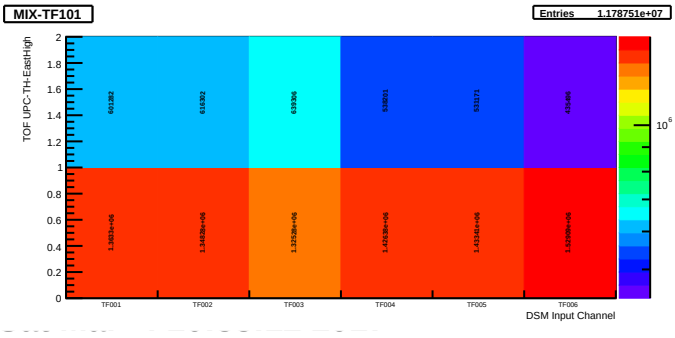

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

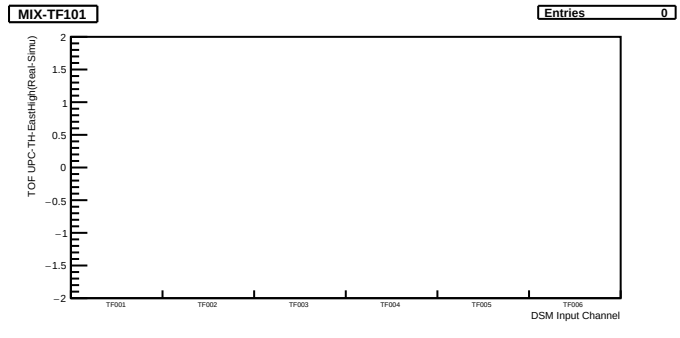

MIX-TF101
Entries 1.178751e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

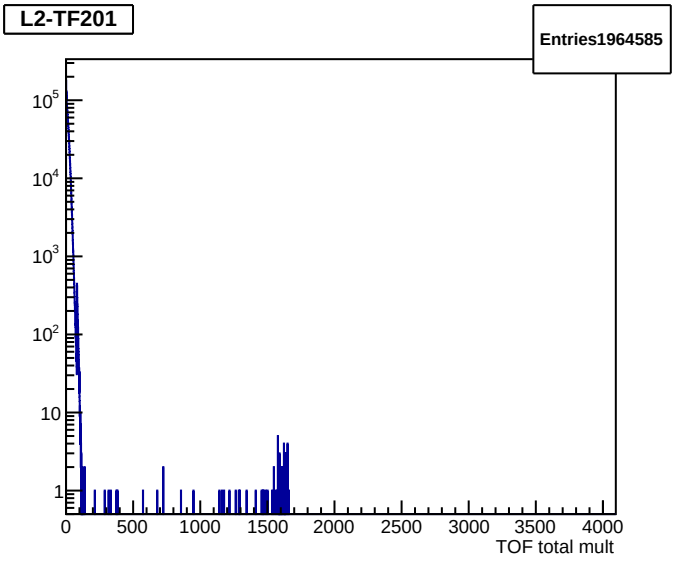

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

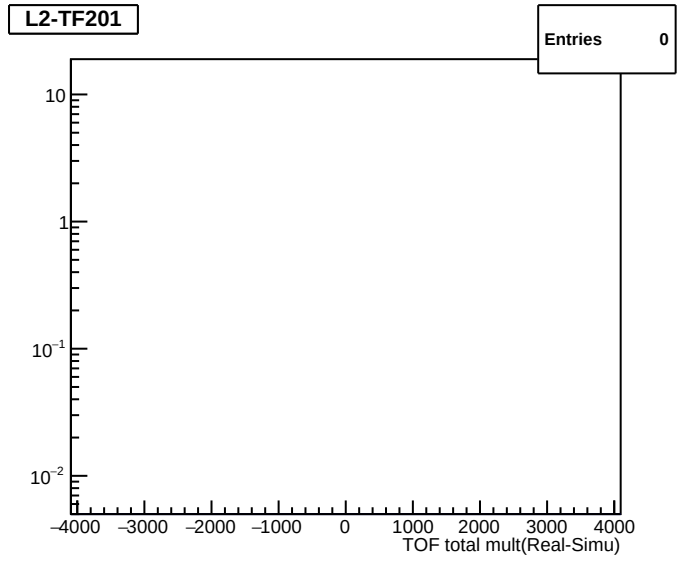

MIX-TF101
Entries 1.178751e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

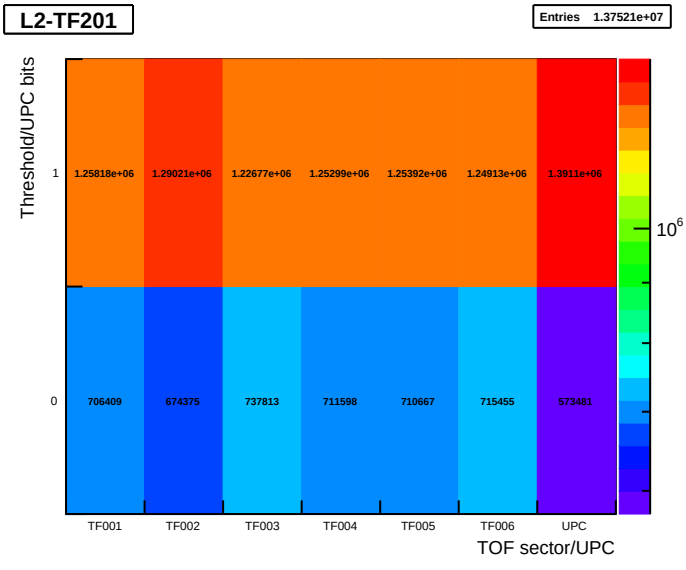

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

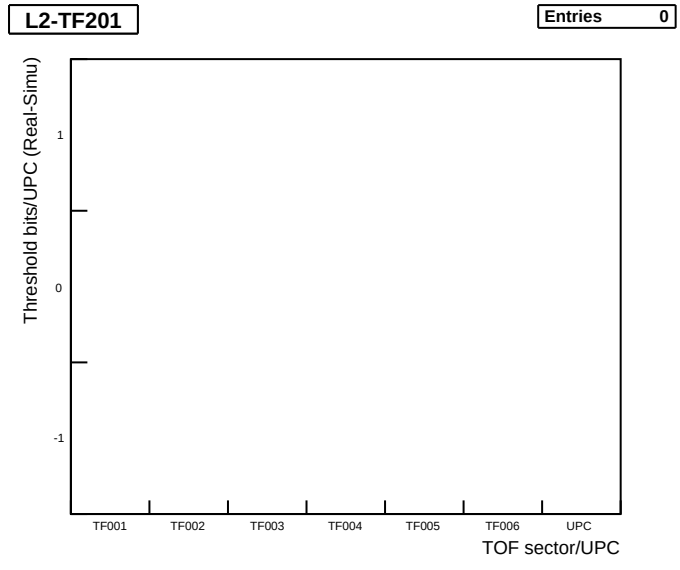

MIX-TF101
Entries 1.178751e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

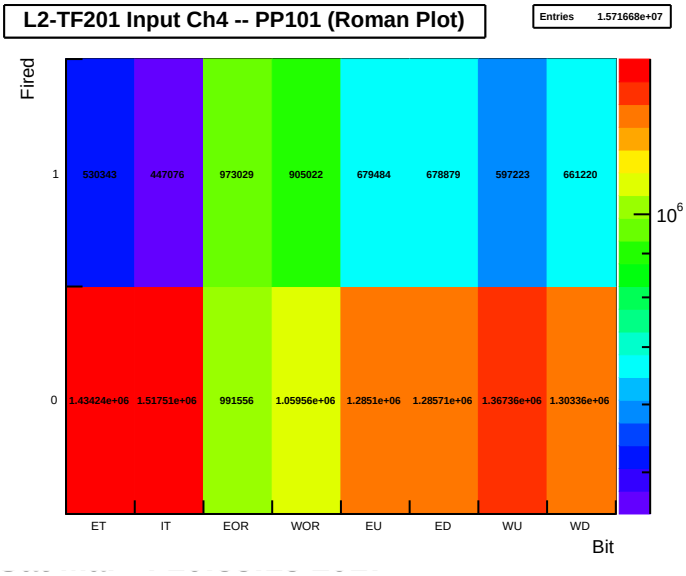

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

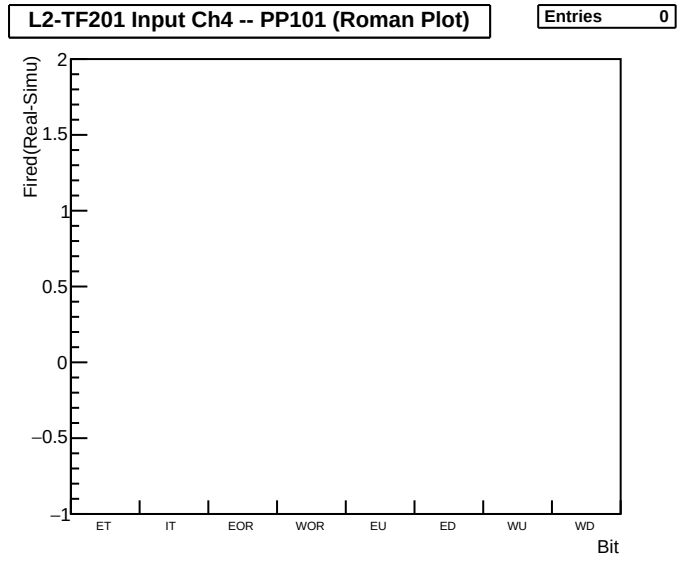

L2-TF201
Entries1964585
TOF total mult

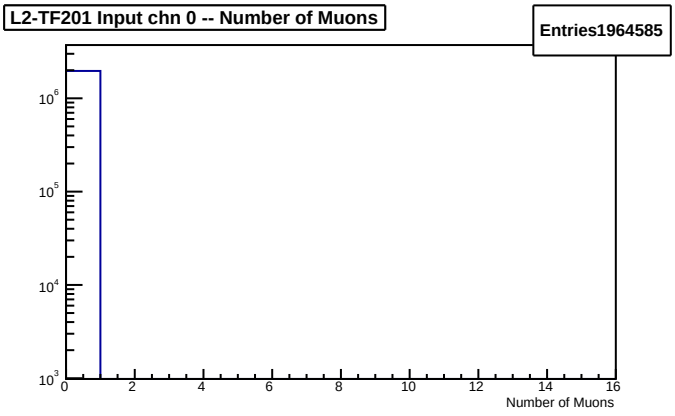

L2-TF201
Entries 0
TOF total mult(Real-Simu)

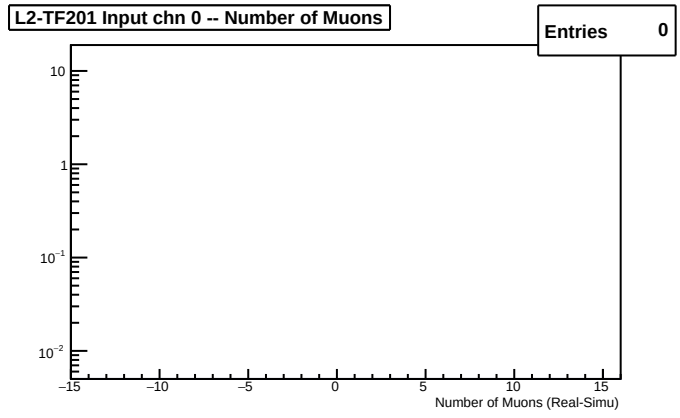

L2-TF201
Entries 1.37521e+07
Threshold/UPC bits
1.25818e+06
1.29021e+06
1.22677e+06
1.25299e+06
1.25392e+06
1.24913e+06
1.3911e+06
706409
674375
737813
711598
710667
715455
573481
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

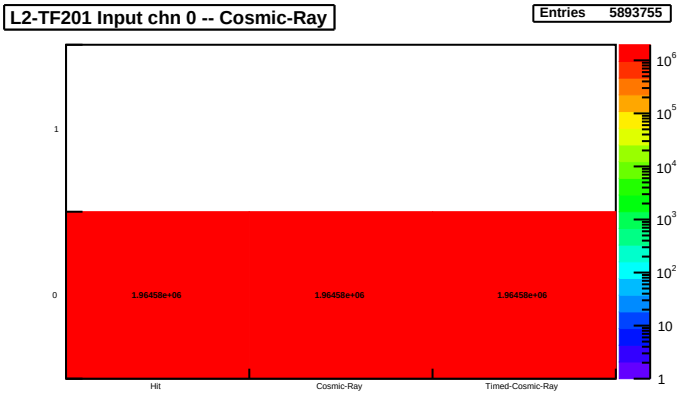

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

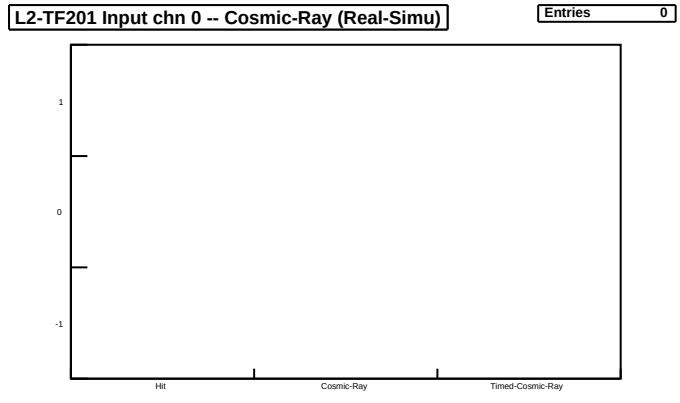

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.571668e+07
Fired
530343
447076
973029
905022
679484
678879
597223
661220
1.43424e+06
1.51751e+06
991556
1.05956e+06
1.2851e+06
1.28571e+06
1.36736e+06
1.30336e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

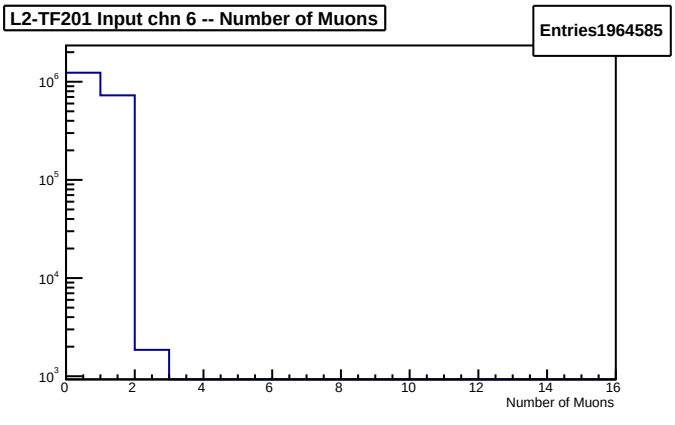

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

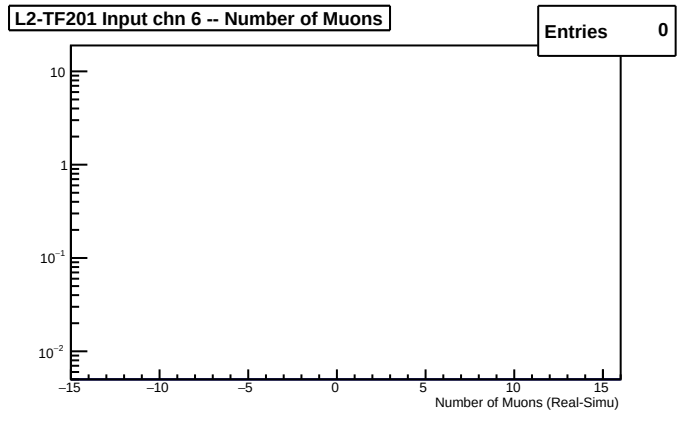

L2-TF201 Input chn 0 -- Number of Muons
Entries1964585
Number of Muons

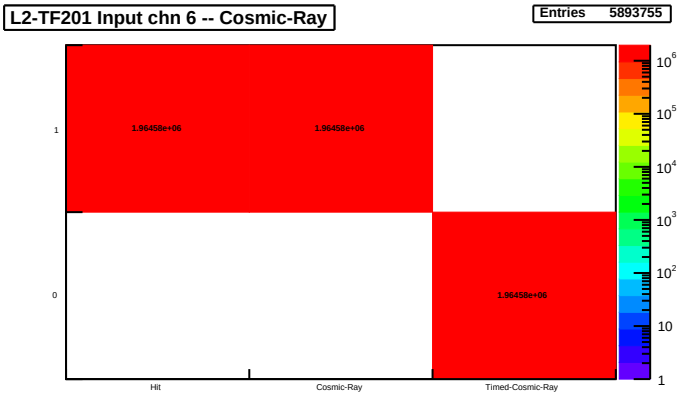

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

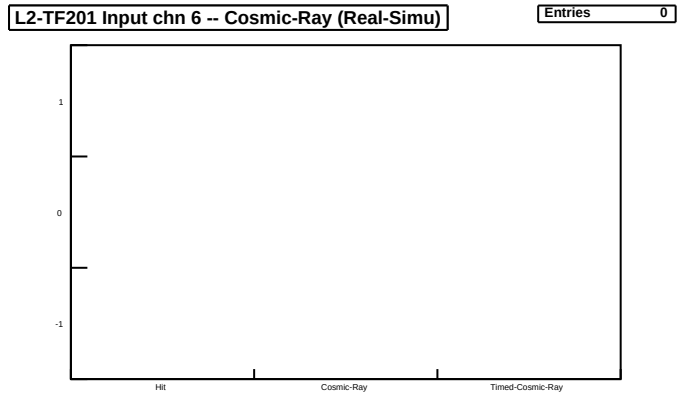

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 5893755
1.96458e+06
1.96458e+06
1.96458e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

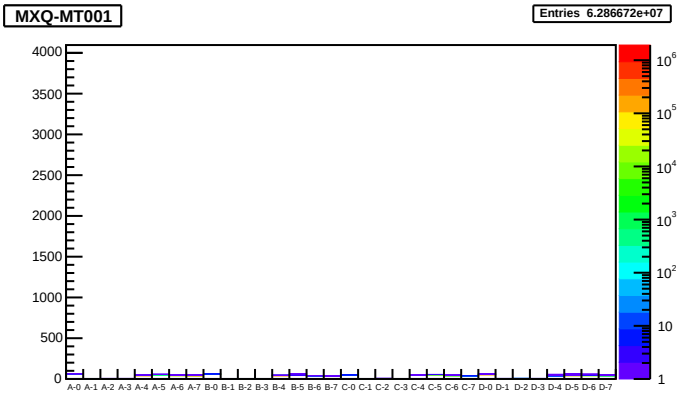

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

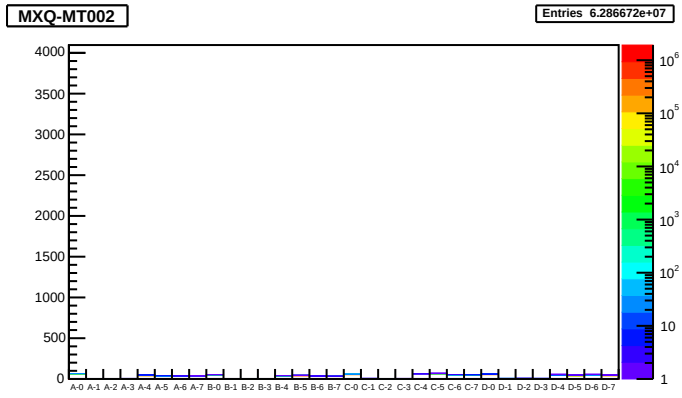

L2-TF201 Input chn 6 -- Number of Muons
Entries1964585
Number of Muons

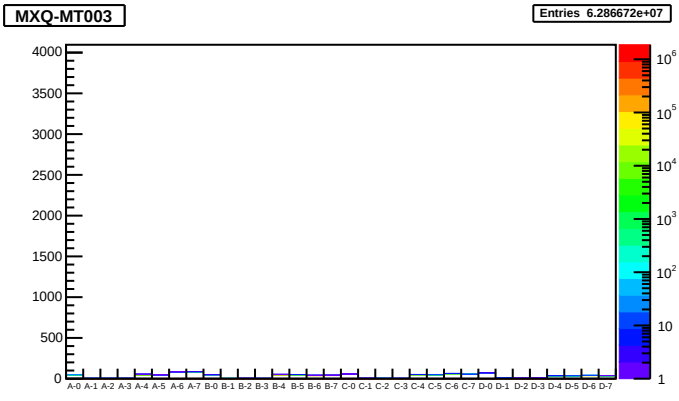

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

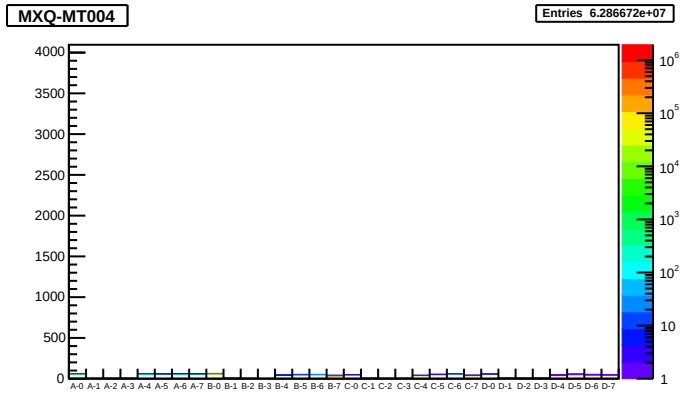

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 5893755
1.96458e+06
1.96458e+06
1.96458e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

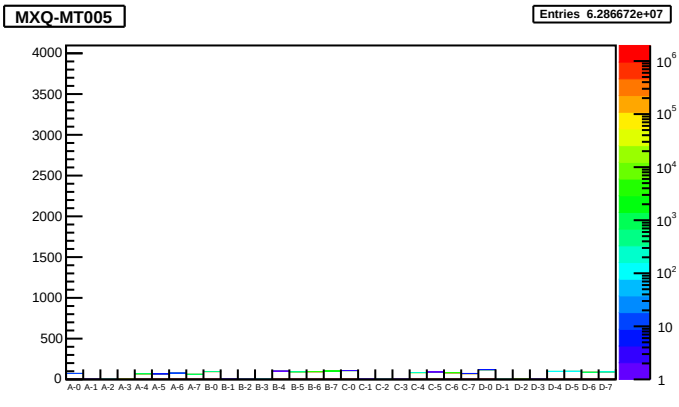

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

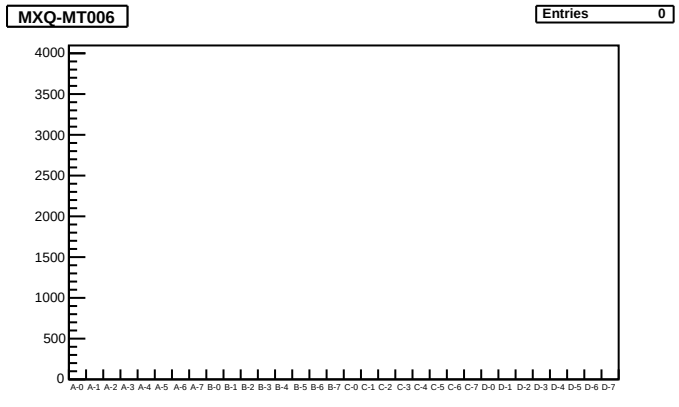

MXQ-MT001
Entries 6.286672e+07

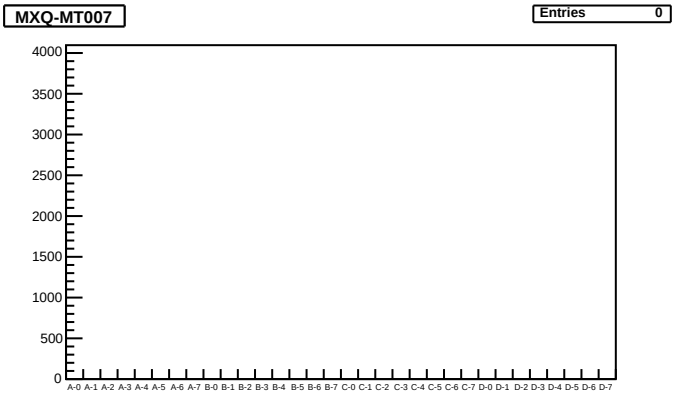

MXQ-MT002
Entries 6.286672e+07

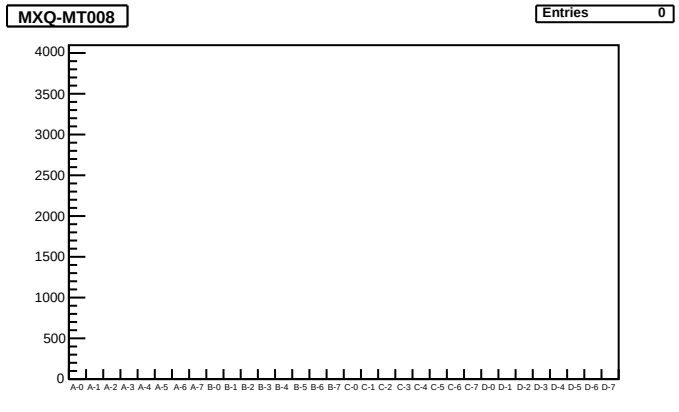

MXQ-MT003
Entries 6.286672e+07

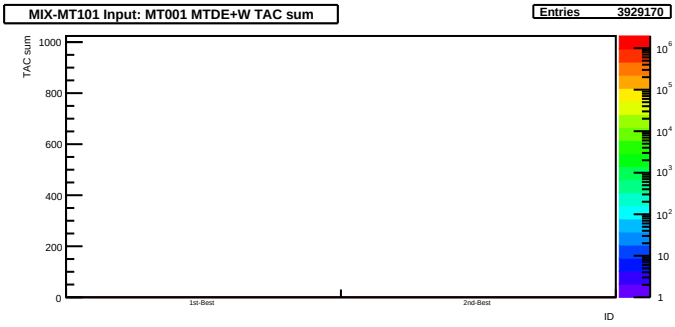

MXQ-MT004
Entries 6.286672e+07

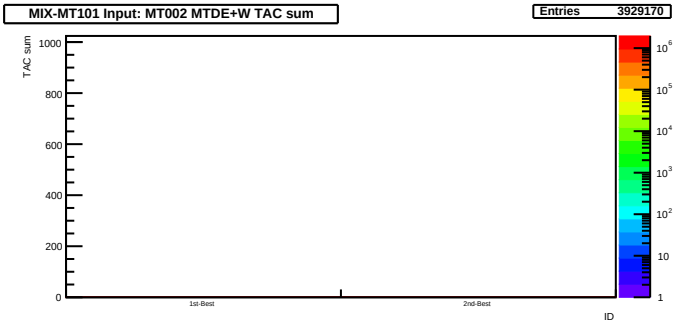

MXQ-MT005
Entries 6.286672e+07

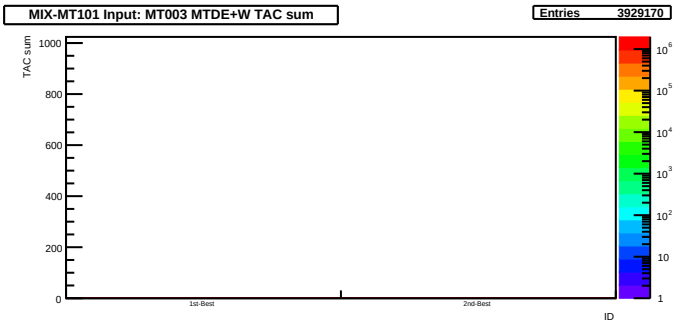

MXQ-MT006
Entries 0

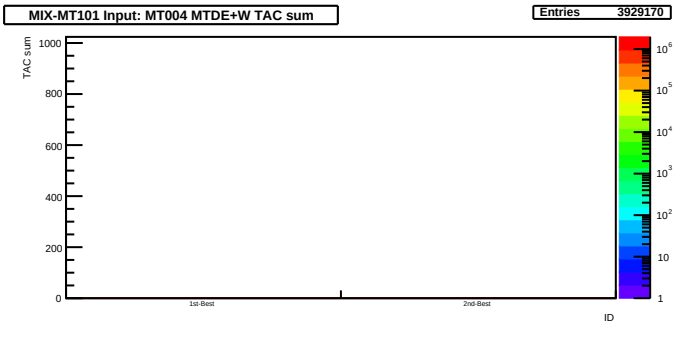

MXQ-MT007
Entries 0

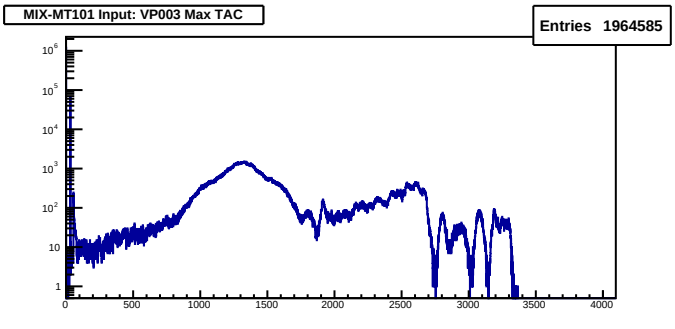

MXQ-MT008
Entries 0

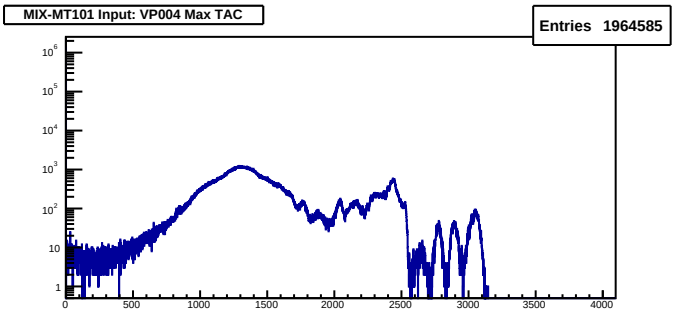

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3929170
TAC sum
1st-Best
2nd-Best
ID

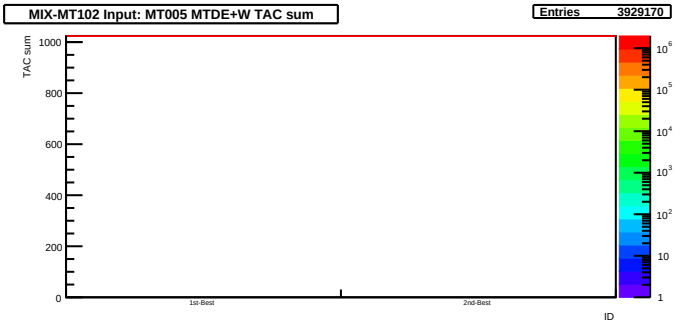

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3929170
TAC sum
1st-Best
2nd-Best
ID

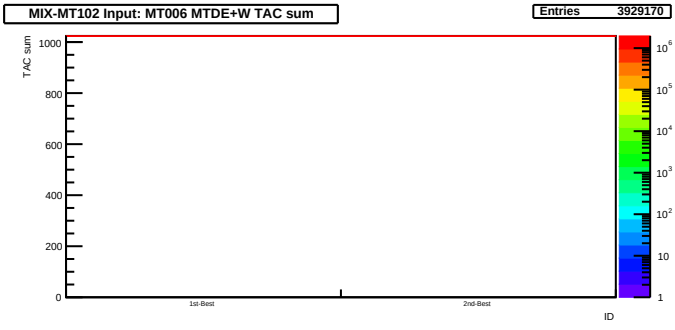

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 3929170
TAC sum
1st-Best
2nd-Best
ID

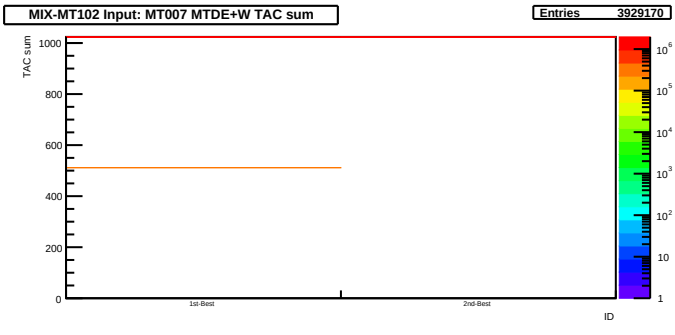

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 3929170
TAC sum
1st-Best
2nd-Best
ID

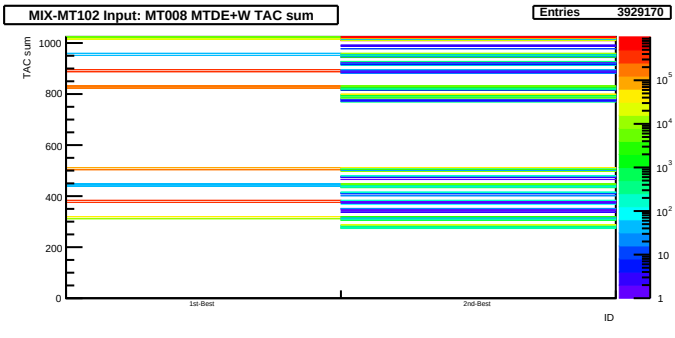

MIX-MT101 Input: VP003 Max TAC
Entries 1964585

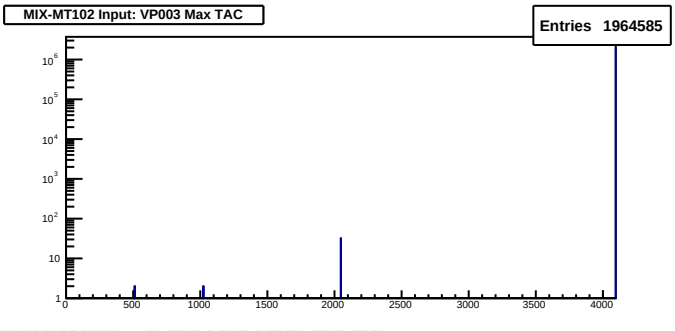

MIX-MT101 Input: VP004 Max TAC
Entries 1964585

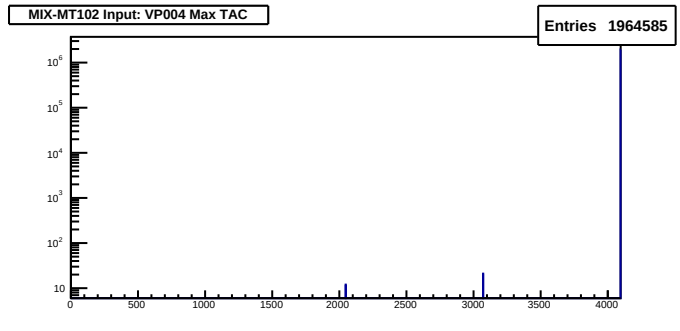

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 3929170
TAC sum
1st-Best
2nd-Best
ID

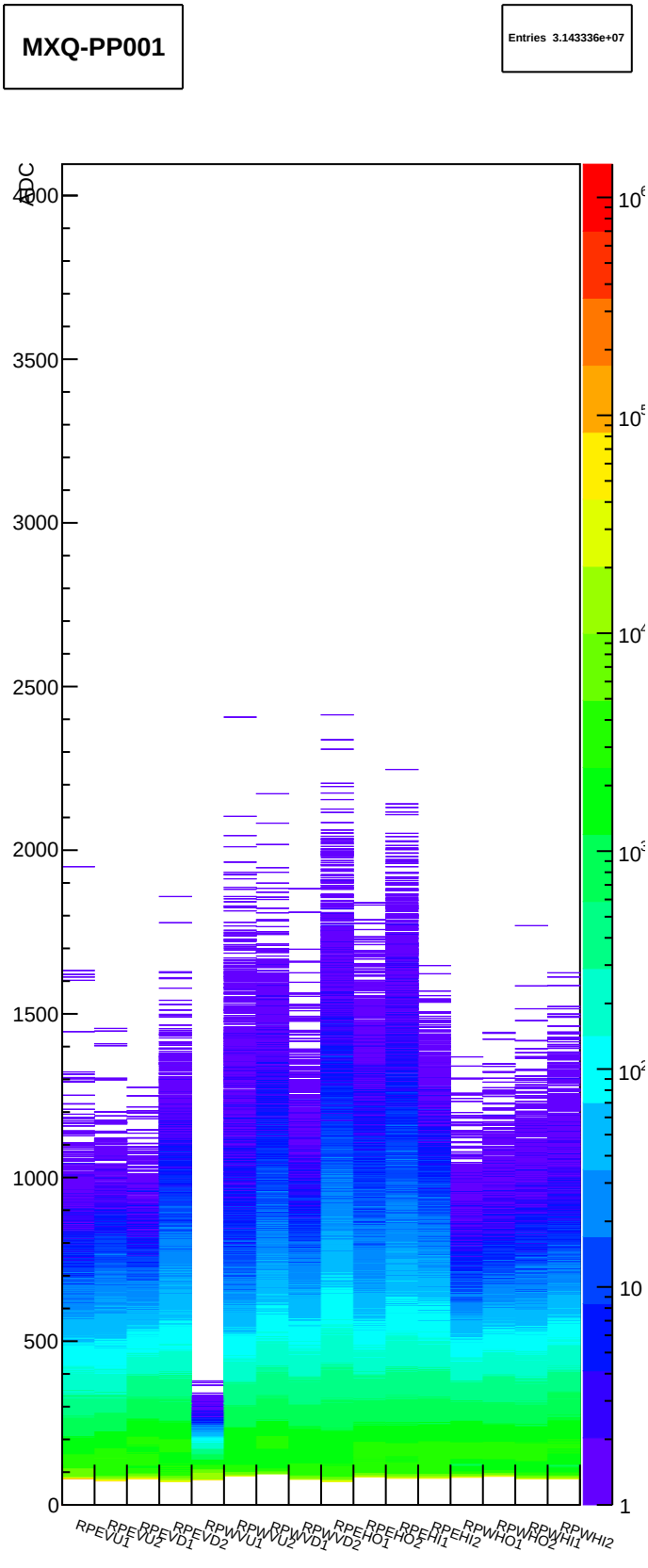

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 3929170
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 3929170
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 3929170
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 1964585


MIX-MT102 Input: VP004 Max TAC
Entries 1964585


MXQ-PP001
Entries 3.143336e+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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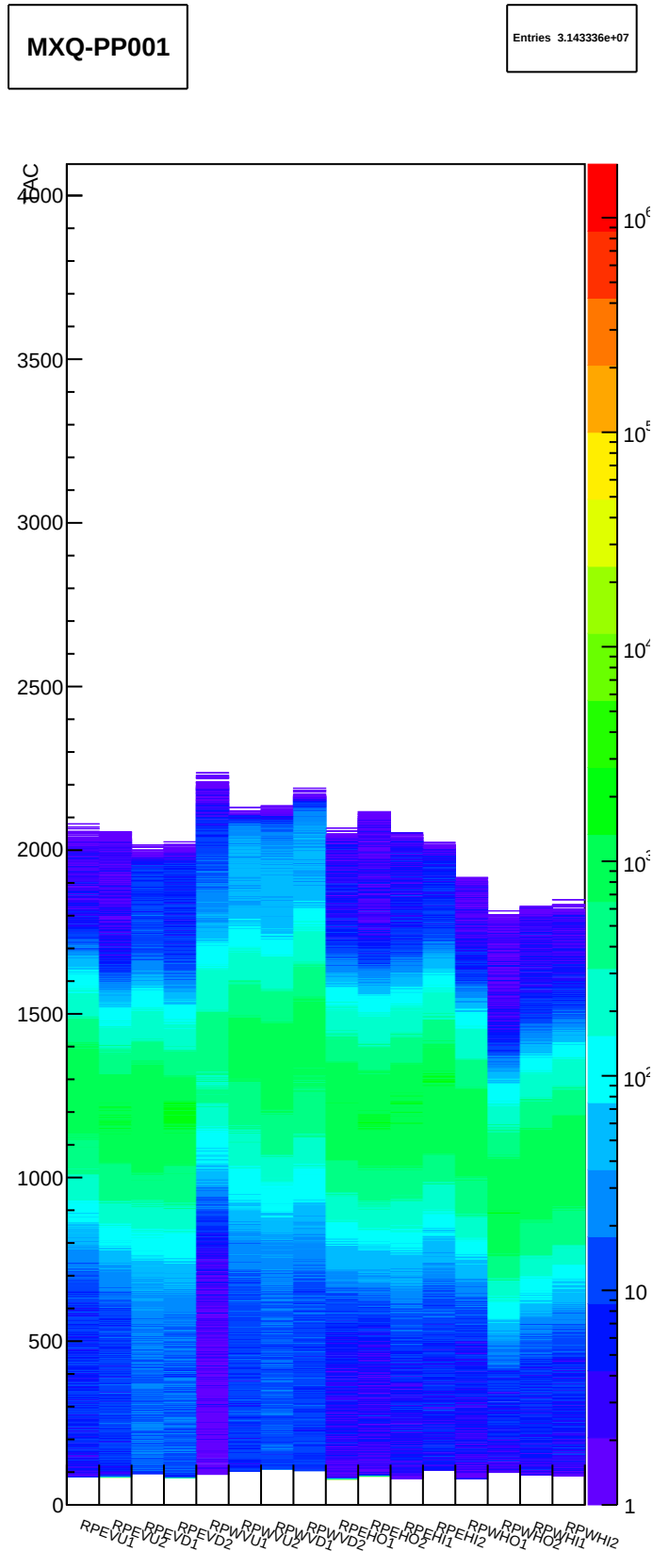
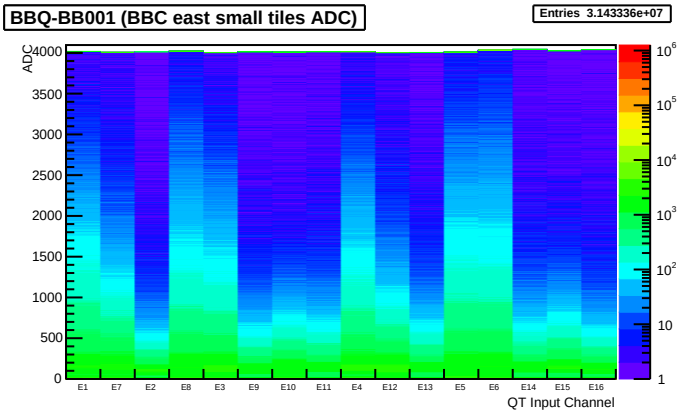
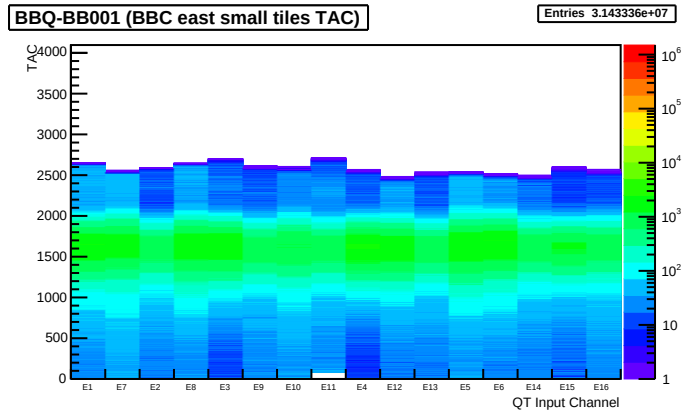
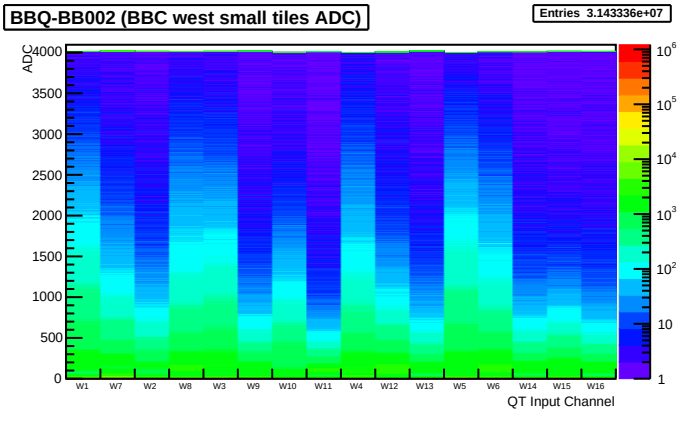
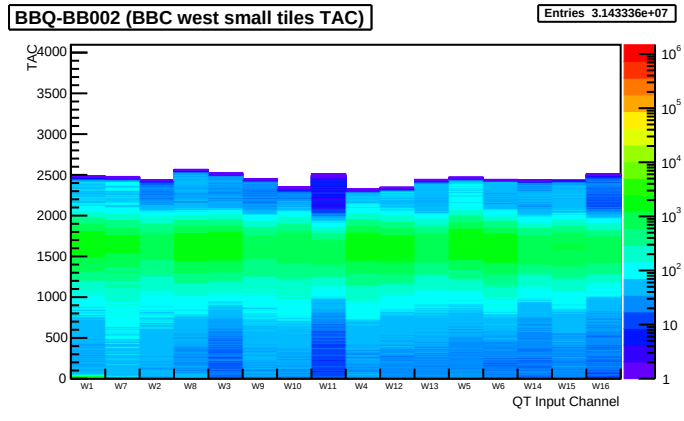
RPWHO2
RPWHI1
RPWHI2
1
10

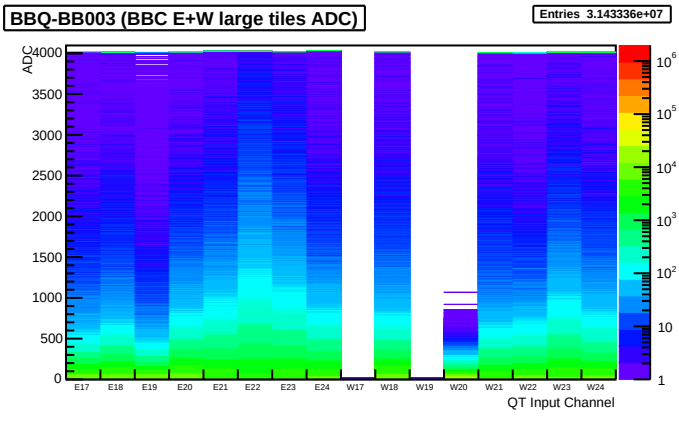

MXQ-PP001
Entries 3.143336e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

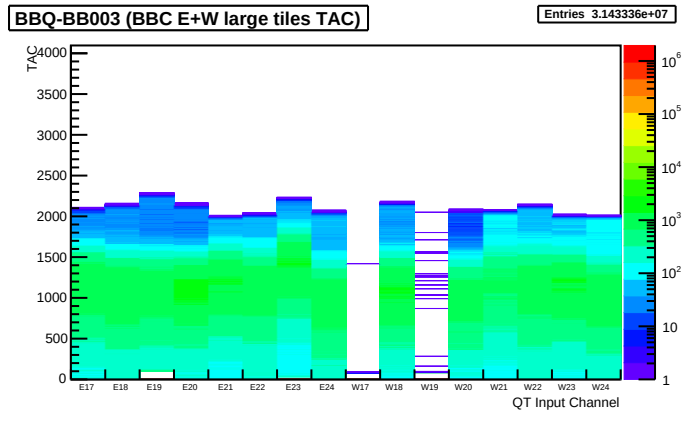

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.143336e+07
ADC
QT Input Channel

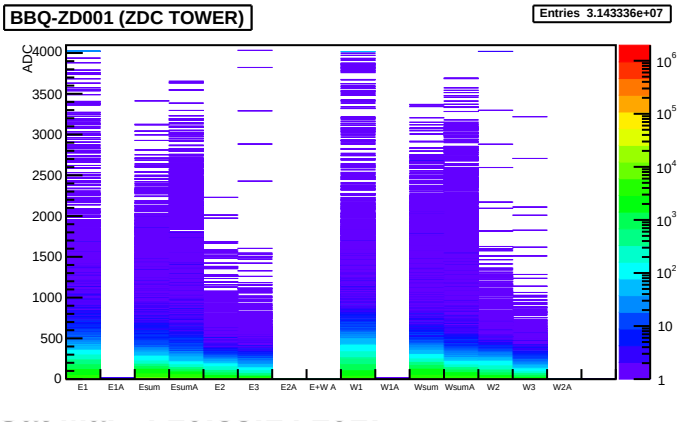

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.143336e+07
TAC
QT Input Channel

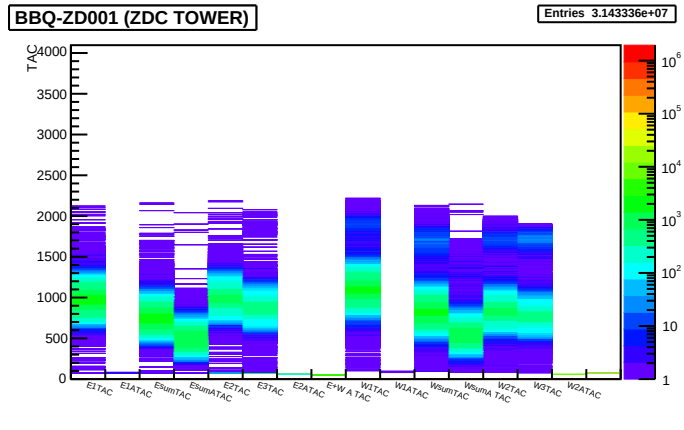

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.143336e+07
ADC
QT Input Channel

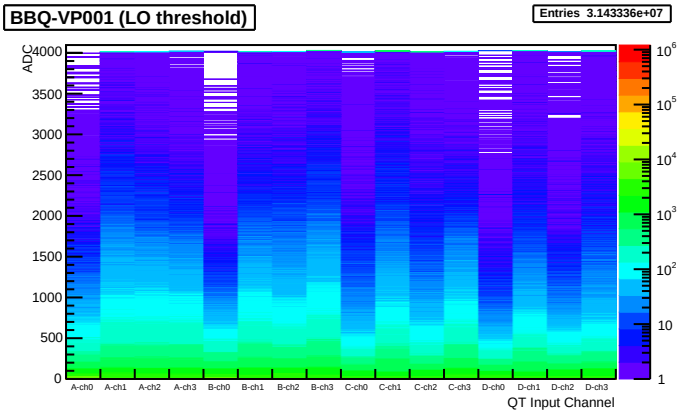

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.143336e+07
TAC
QT Input Channel

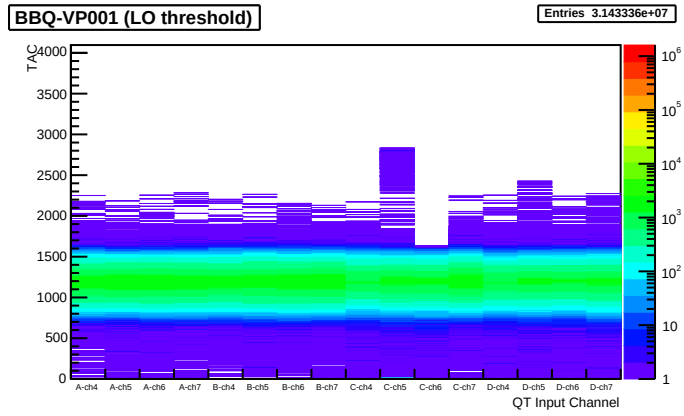

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.143336e+07
ADC
QT Input Channel

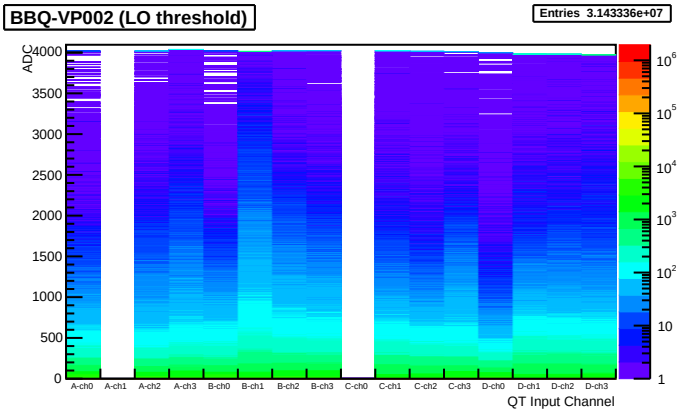

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.143336e+07
TAC
QT Input Channel

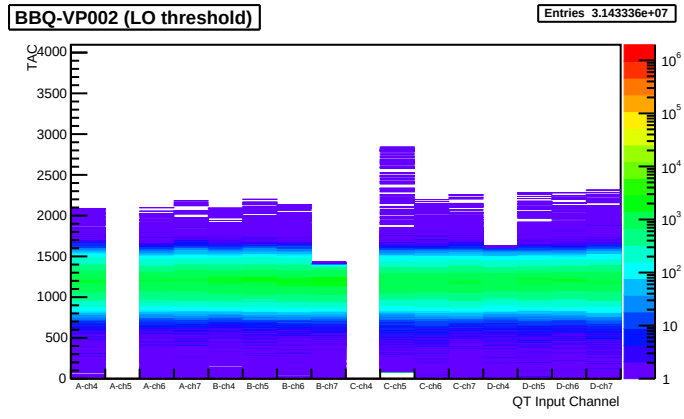

BBQ-ZD001 (ZDC TOWER)
Entries 3.143336e+07
ADC

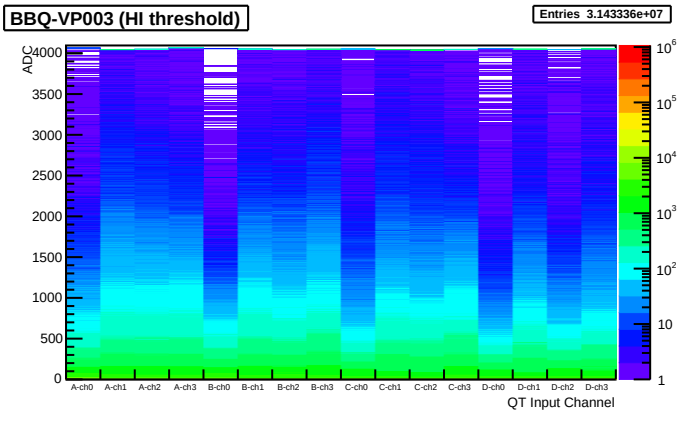

BBQ-ZD001 (ZDC TOWER)
Entries 3.143336e+07
TAC

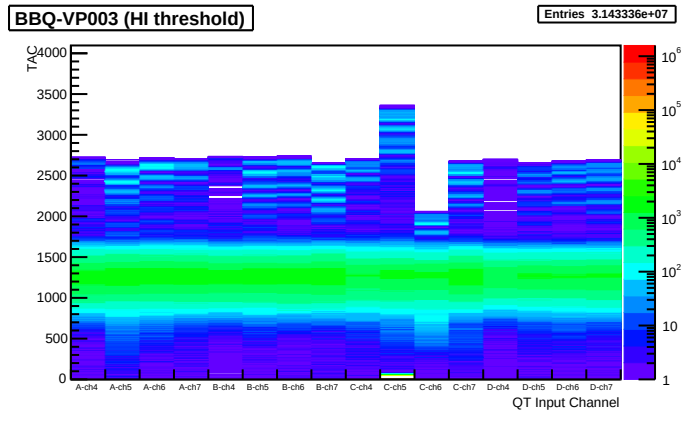

BBQ-VP001 (LO threshold)
Entries 3.143336e+07
ADC
QT Input Channel

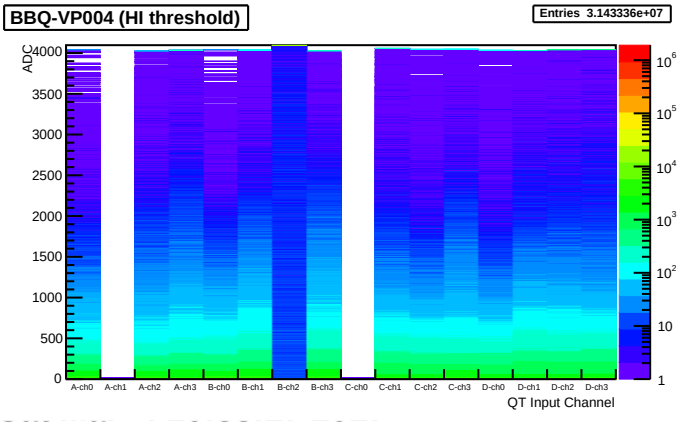

BBQ-VP001 (LO threshold)
Entries 3.143336e+07
TAC
QT Input Channel

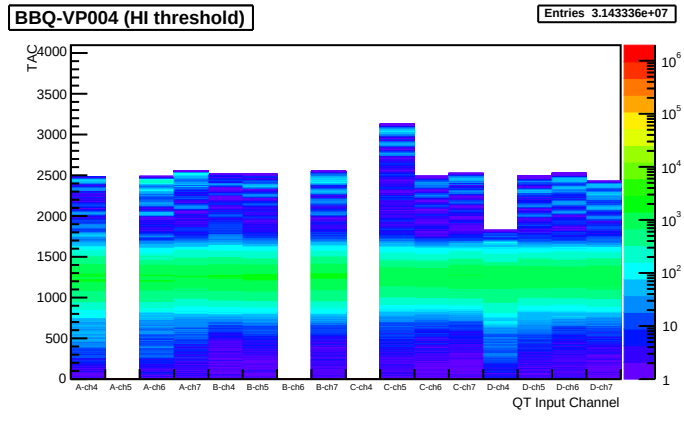

BBQ-VP002 (LO threshold)
Entries 3.143336e+07
ADC
QT Input Channel

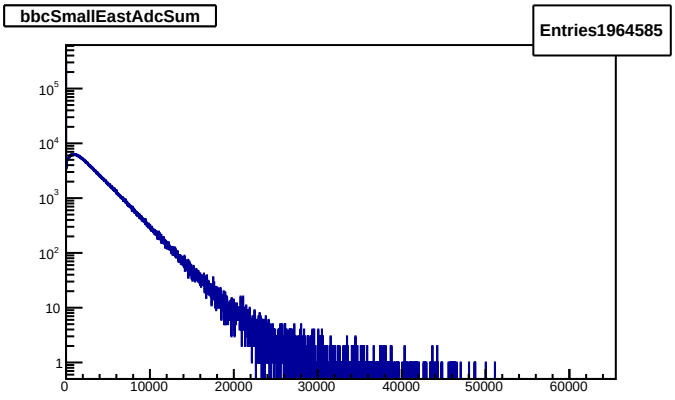

BBQ-VP002 (LO threshold)
Entries 3.143336e+07
TAC
QT Input Channel

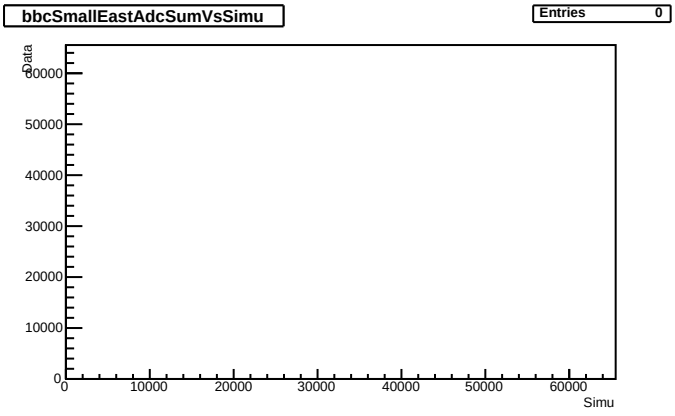

BBQ-VP003 (HI threshold)
Entries 3.143336e+07
ADC
QT Input Channel

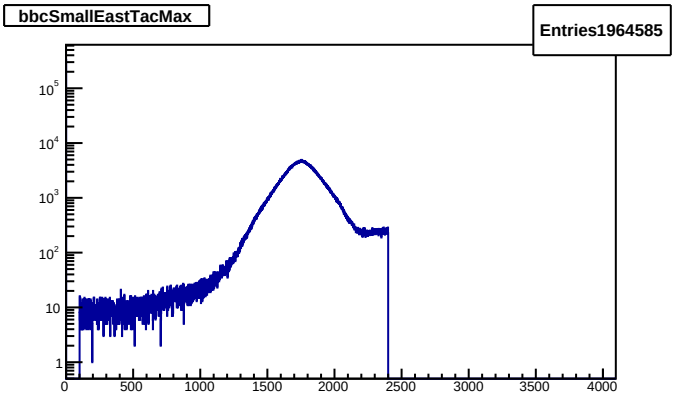

BBQ-VP003 (HI threshold)
Entries 3.143336e+07
TAC
QT Input Channel

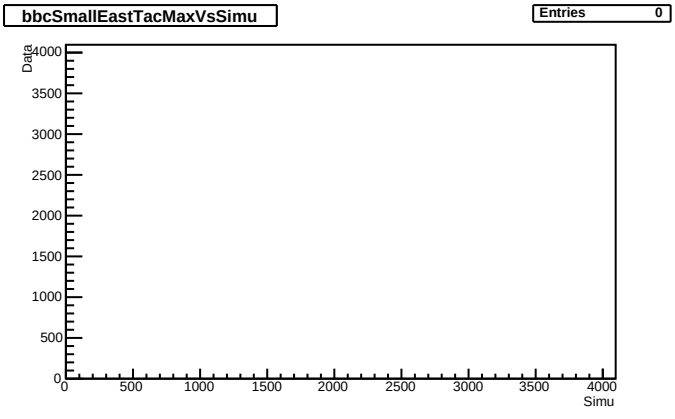

BBQ-VP004 (HI threshold)
Entries 3.143336e+07
ADC
QT Input Channel

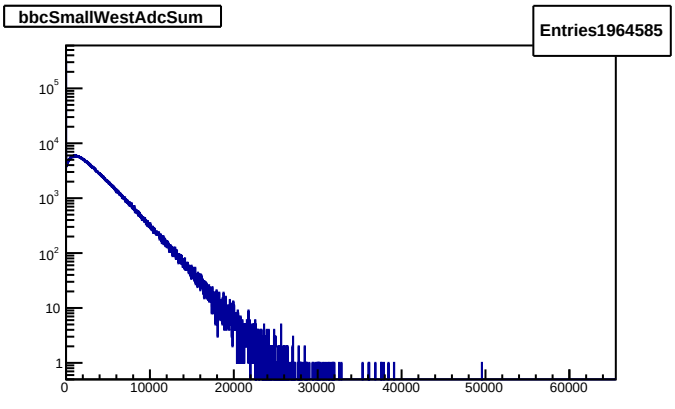

BBQ-VP004 (HI threshold)
Entries 3.143336e+07
TAC
QT Input Channel

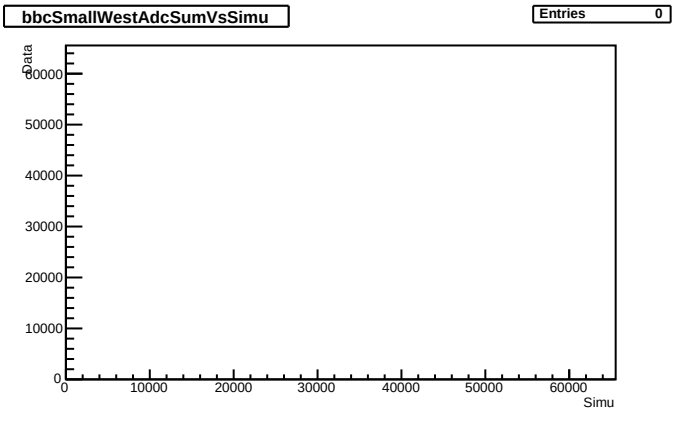

bbcSmallEastAdcSum
Entries1964585

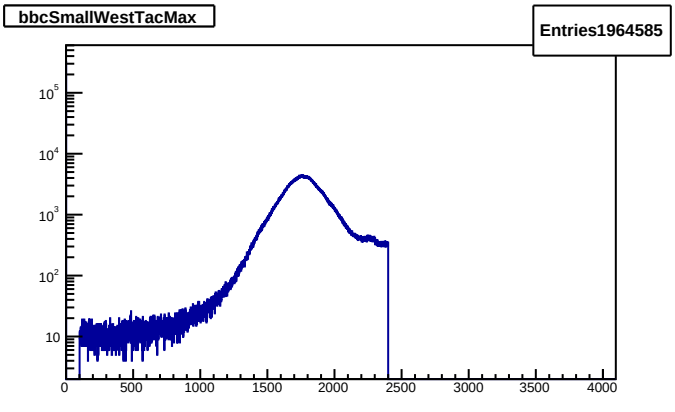

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

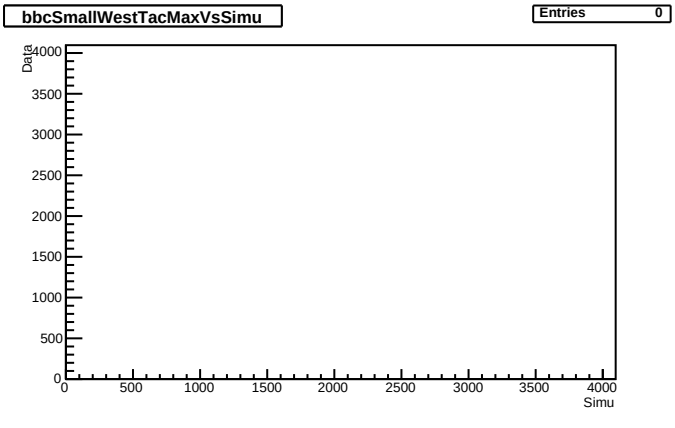

bbcSmallEastTacMax
Entries1964585

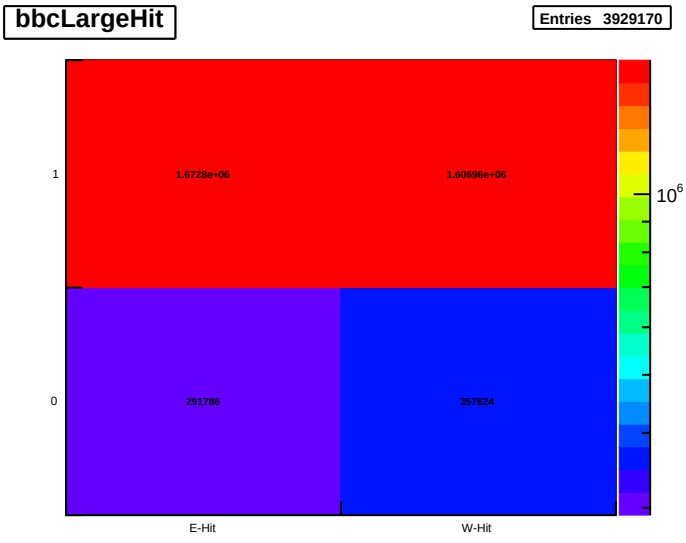

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

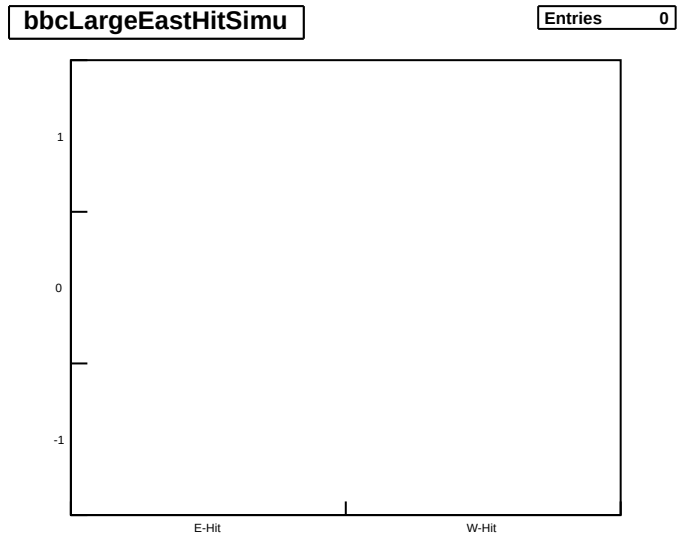

bbcSmallWestAdcSum
Entries1964585

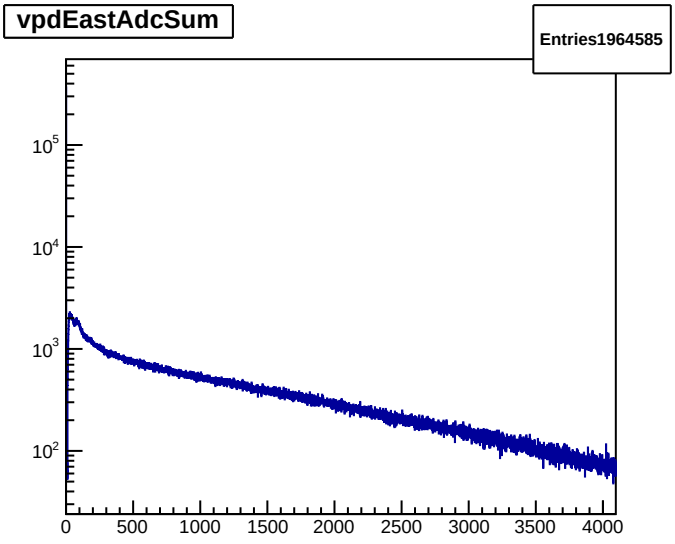

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

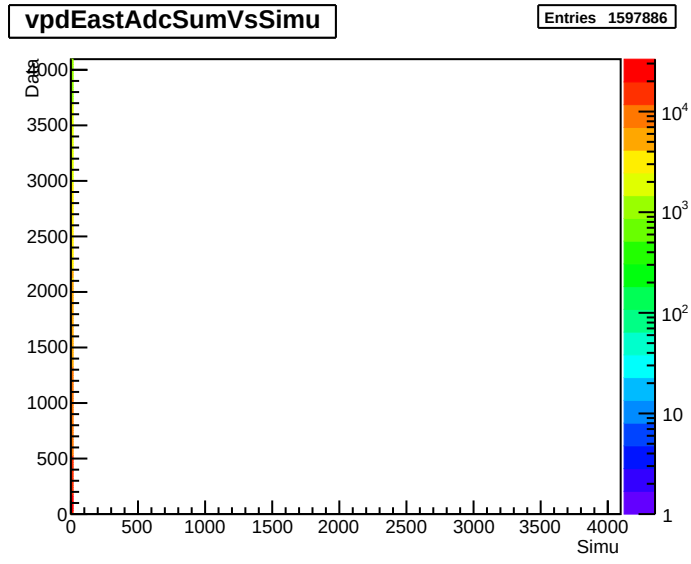

bbcSmallWestTacMax
Entries1964585

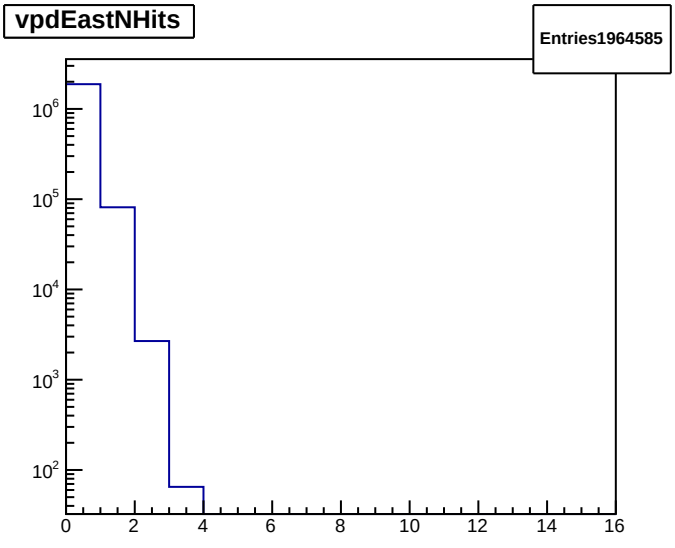

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

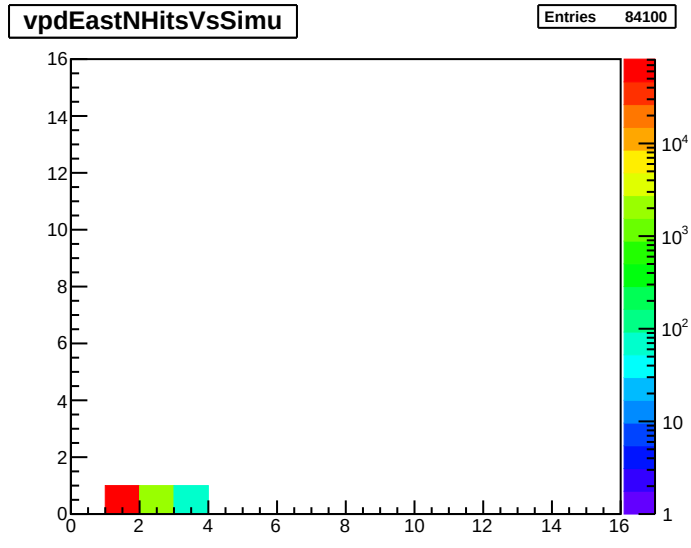

bbcLargeHit
Entries 3929170
1.6728e+06
1.60696e+06
291786
357624
1
0
E-Hit
W-Hit
10^6

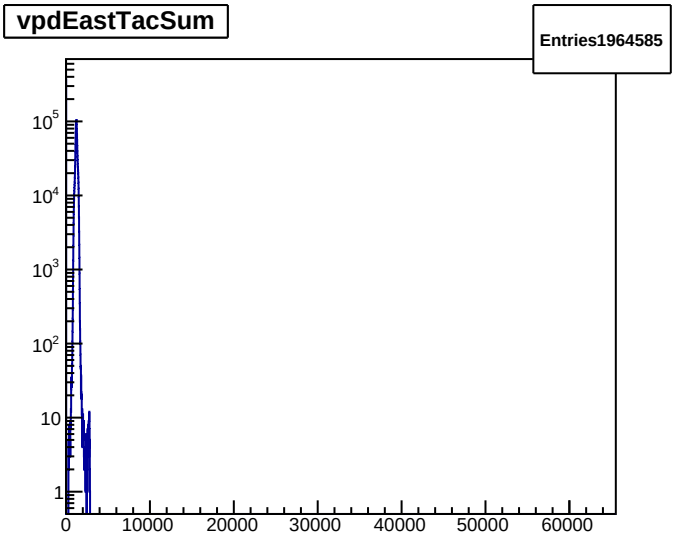

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

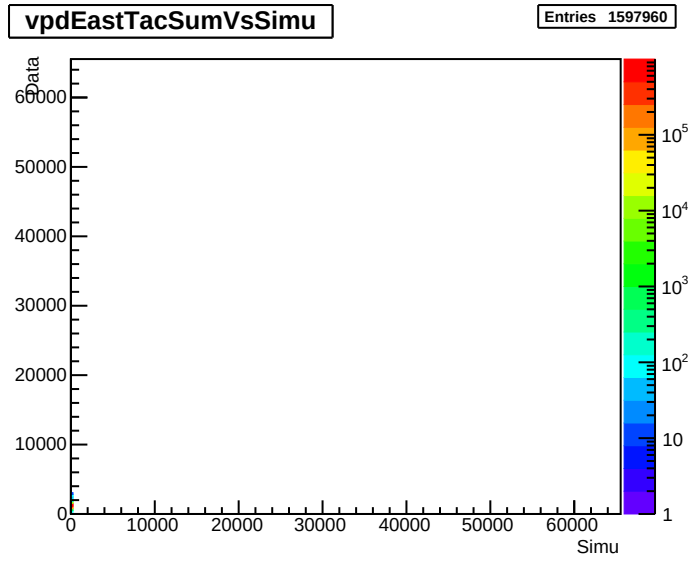

vpdEastAdcSum
Entries1964585

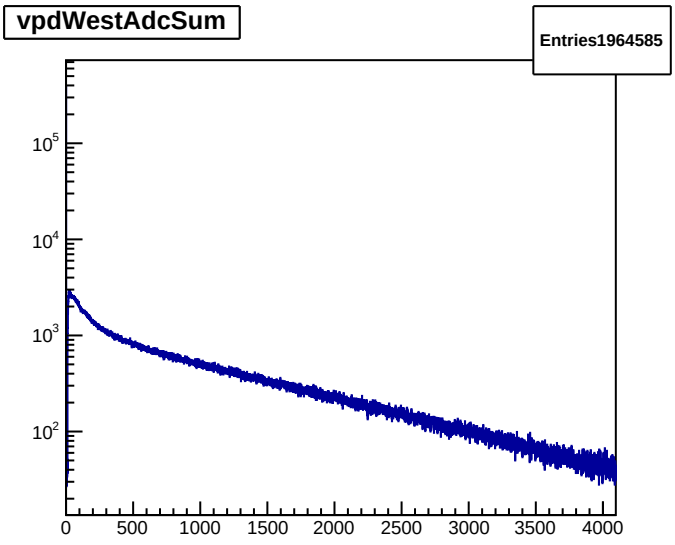

vpdEastAdcSumVsSimu
Entries 1597886
Data
Simu

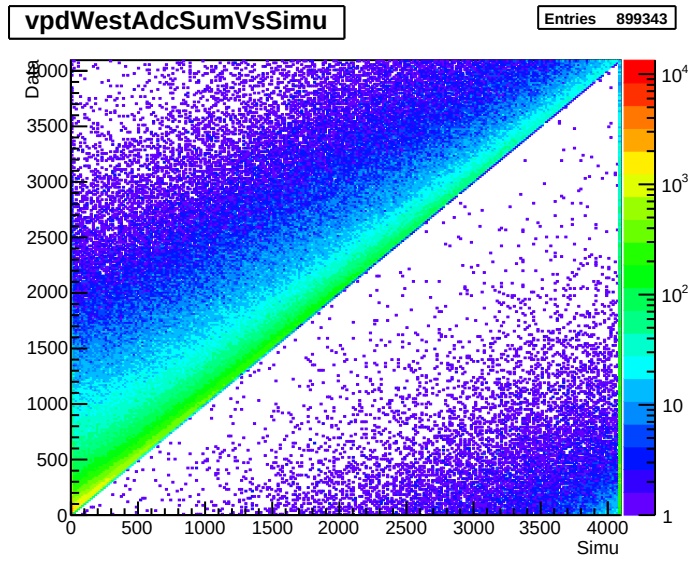

vpdEastNHits
Entries1964585

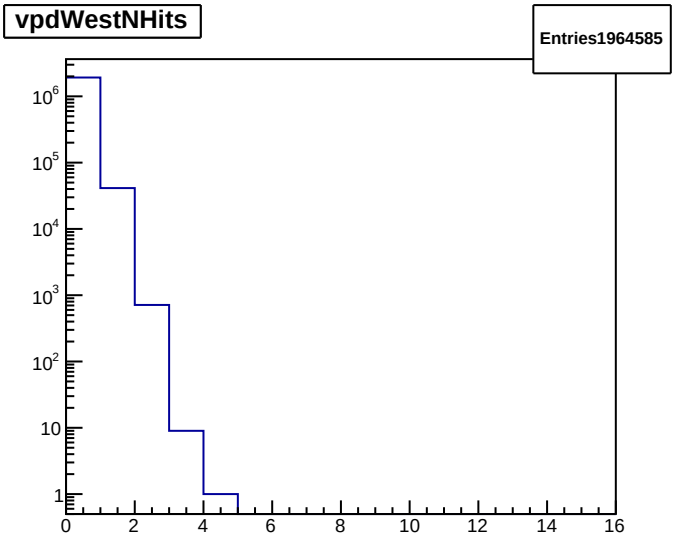

vpdEastNHitsVsSimu
Entries 84100

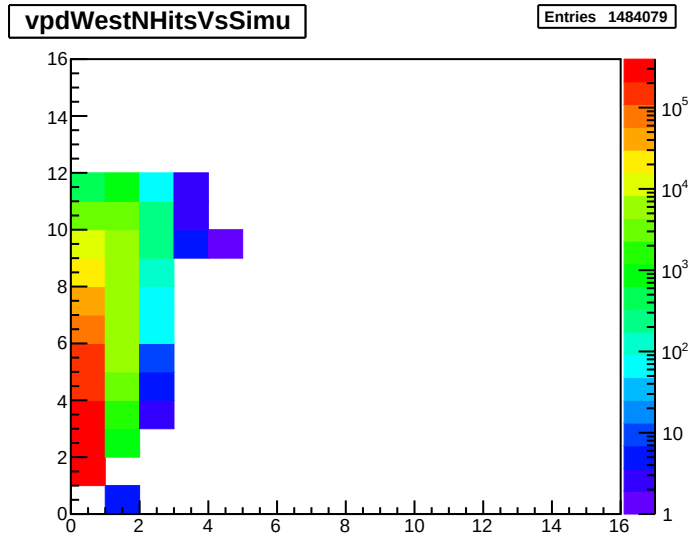

vpdEastTacSum
Entries1964585

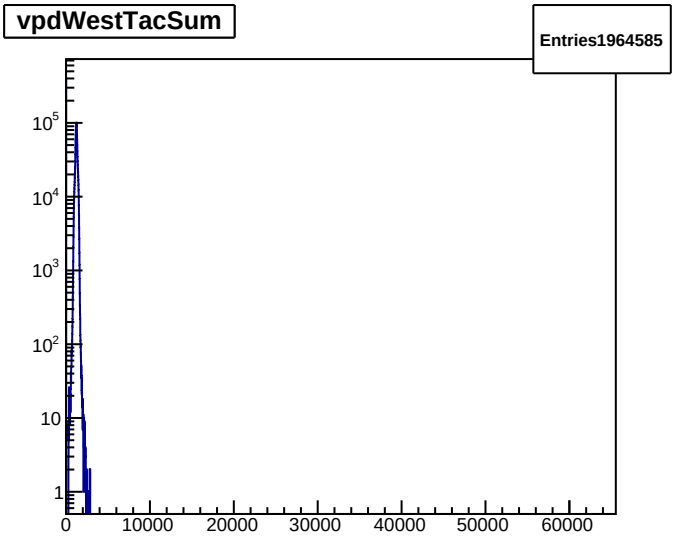

vpdEastTacSumVsSimu
Entries 1597960
Data
Simu

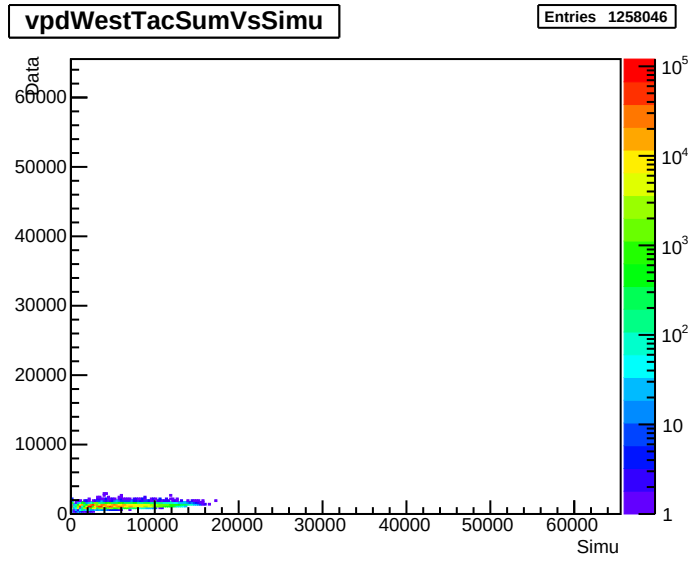

vpdWestAdcSum
Entries1964585

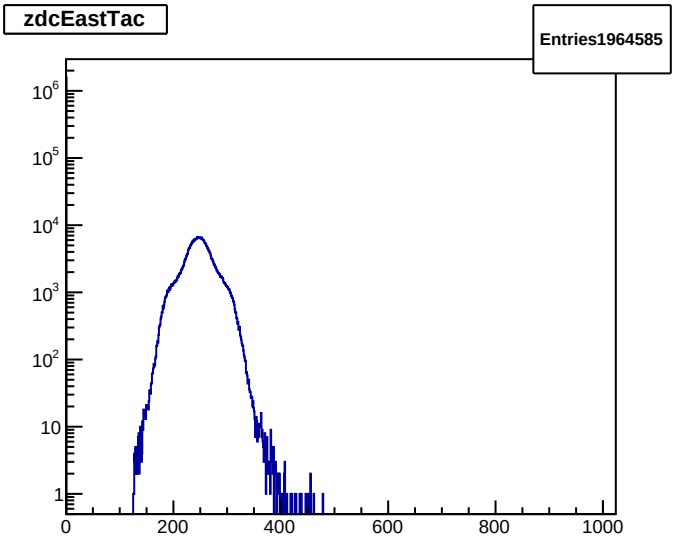

vpdWestAdcSumVsSimu
Entries 899343
Data
Simu

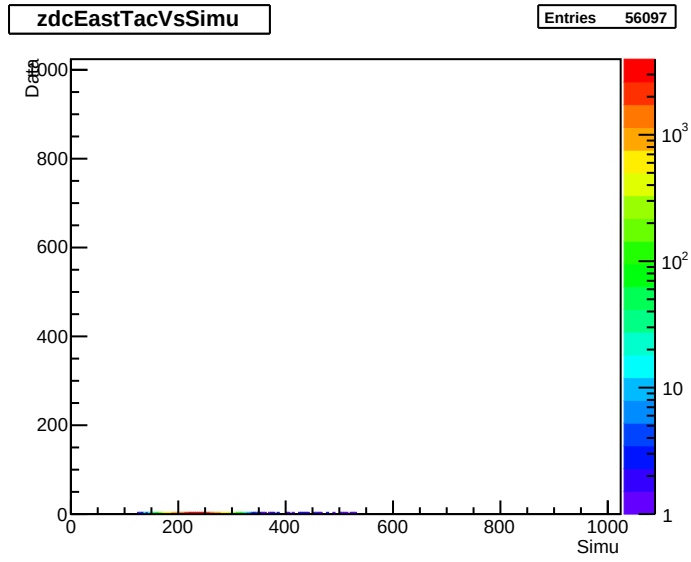

vpdWestNHits
Entries1964585

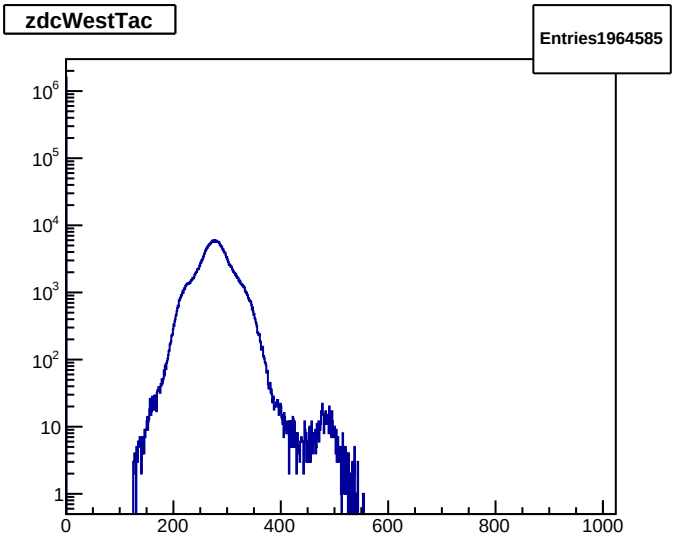

vpdWestNHitsVsSimu
Entries 1484079

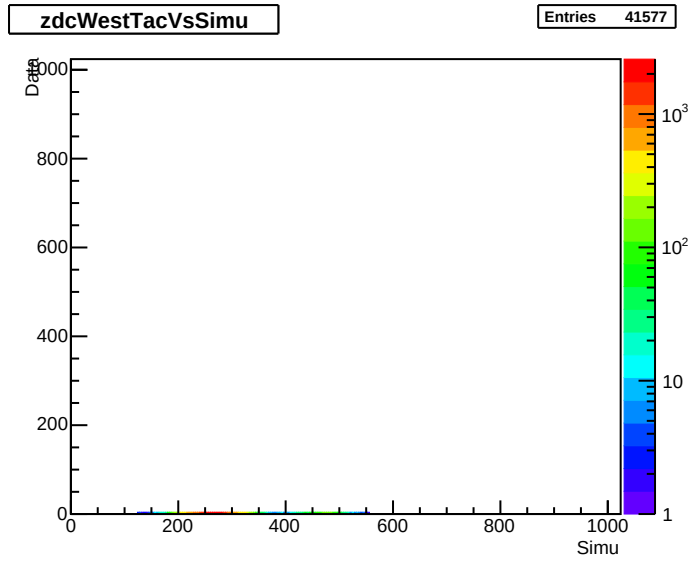

vpdWestTacSum
Entries1964585

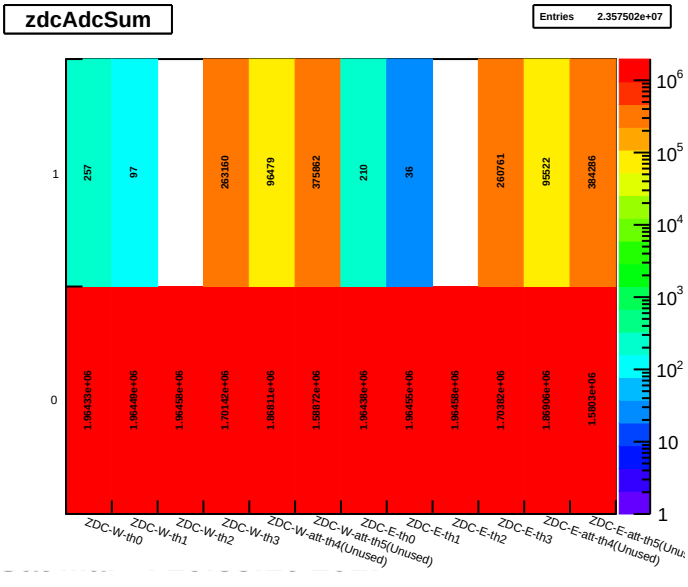

vpdWestTacSumVsSimu
Entries 1258046
Data
Simu

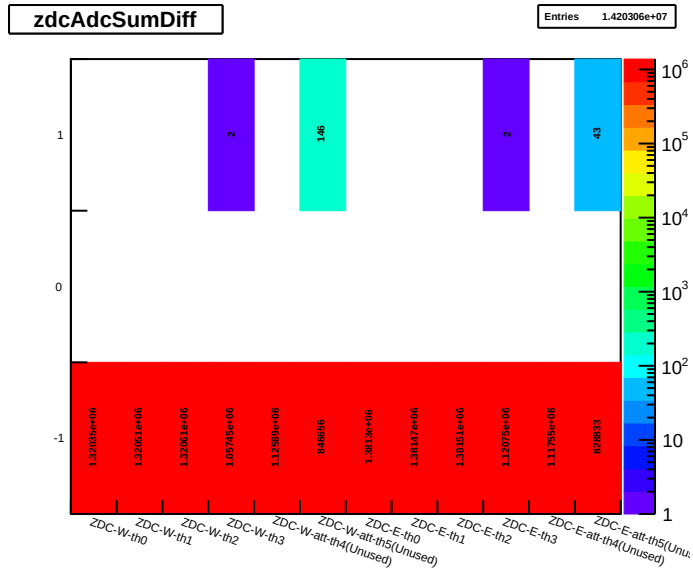

zdcEastTac
Entries1964585

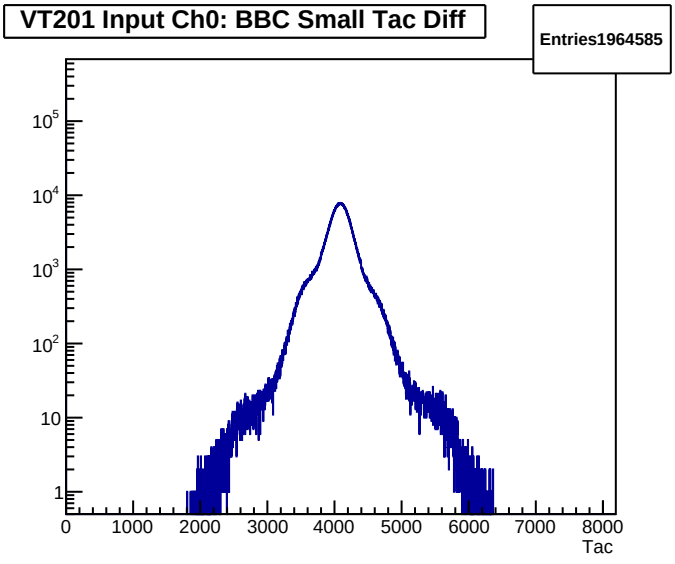

zdcEastTacVsSimu
Entries 56097
Data
Simu

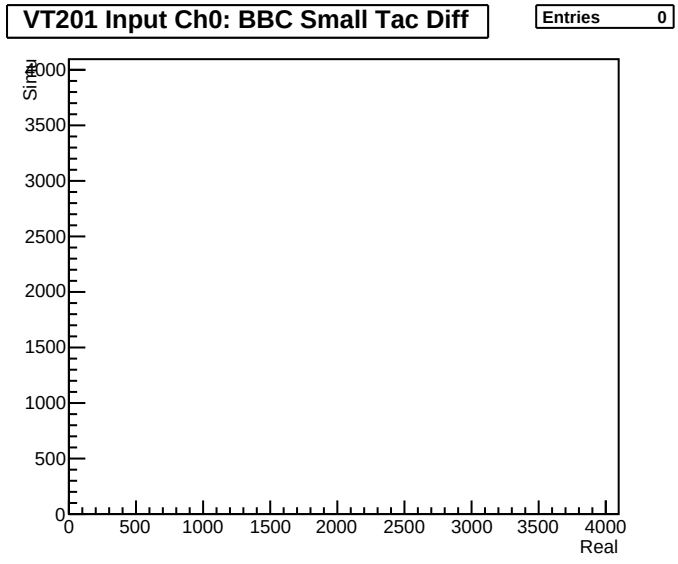

zdcWestTac
Entries1964585

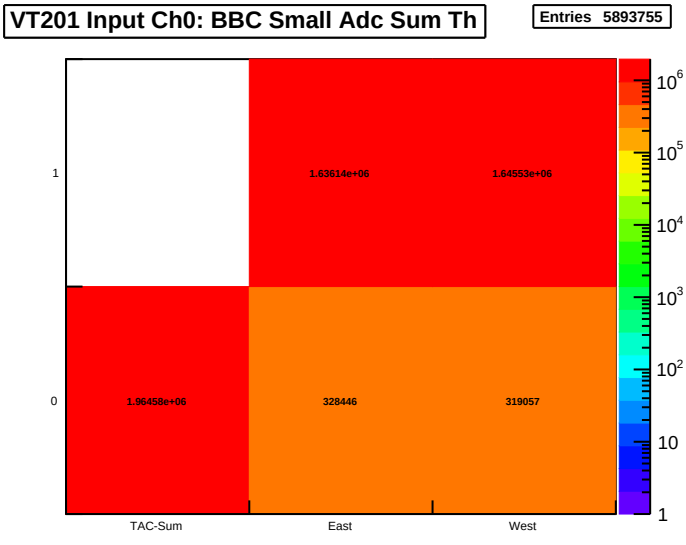

zdcWestTacVsSimu
Entries 41577
Data
Simu

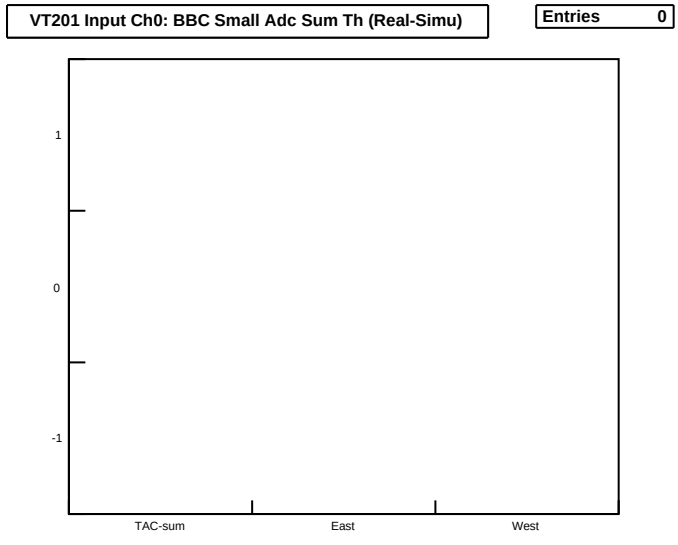

zdcAdcSum
Entries 2.357502e+07
257
97
263160
96479
375862
210
36
260761
95522
384286
1.96433e+06
1.99449e+06
1.96458e+06
1.70142e+06
1.88811e+06
1.59872e+06
1.96438e+06
1.96455e+06
1.99459e+06
1.70382e+06
1.86906e+06
1.5803e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

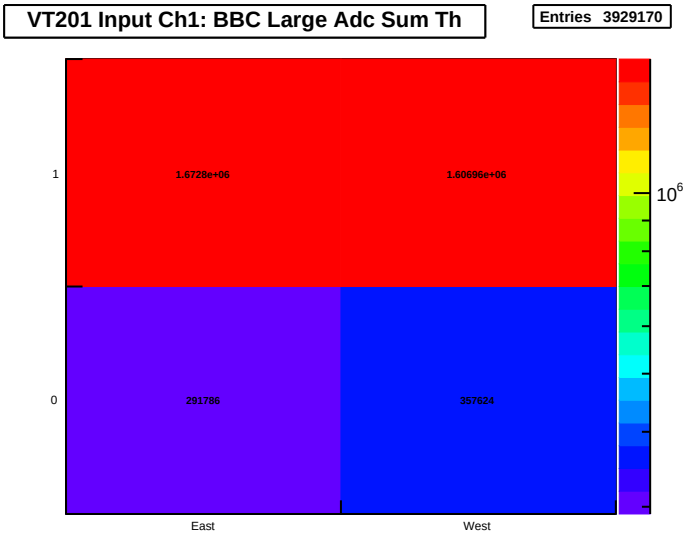

zdcAdcSumDiff
Entries 1.420306e+07
2
146
2
43
1.32035e+06
1.32051e+06
1.32061e+06
1.05745e+06
1.12589e+06
846856
1.3813e+06
1.38147e+06
1.38151e+06
1.12075e+06
1.11755e+06
828833
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

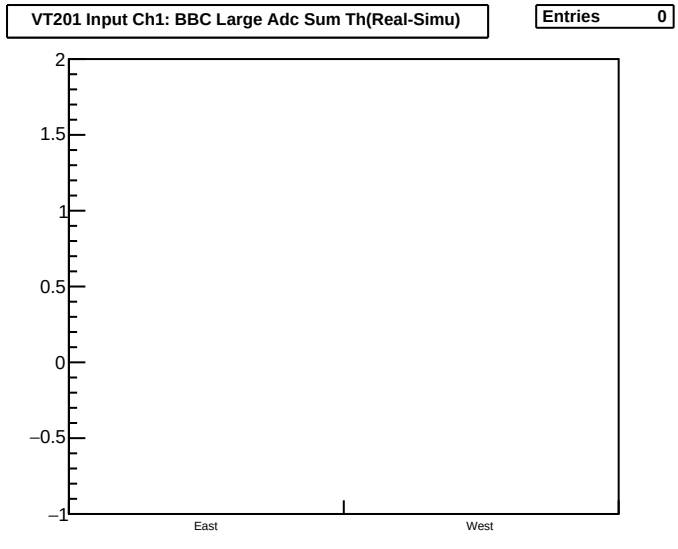

VT201 Input Ch0: BBC Small Tac Diff
Entries1964585
Tac


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

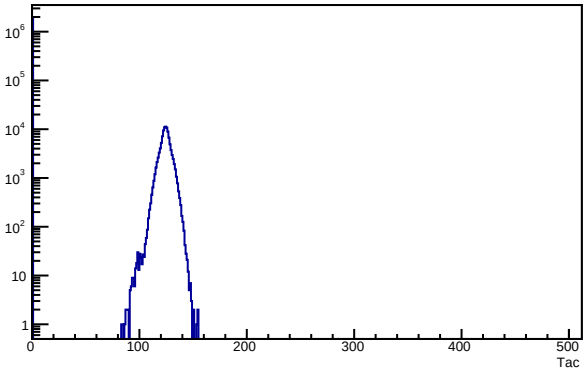

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 5893755
1.63614e+06
1.64553e+06
1.96458e+06
328446
319057
TAC-Sum
East
West


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

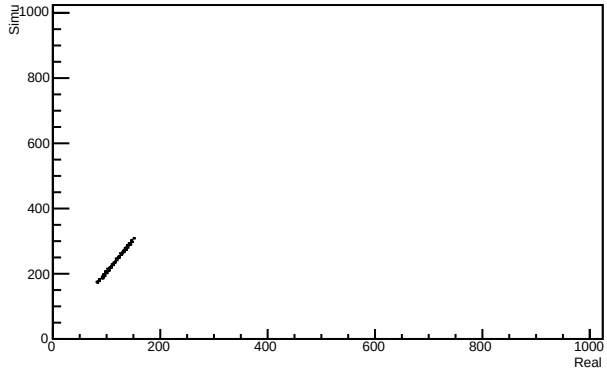

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 3929170
1.6728e+06
1.60696e+06
291786
357624
East
West


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

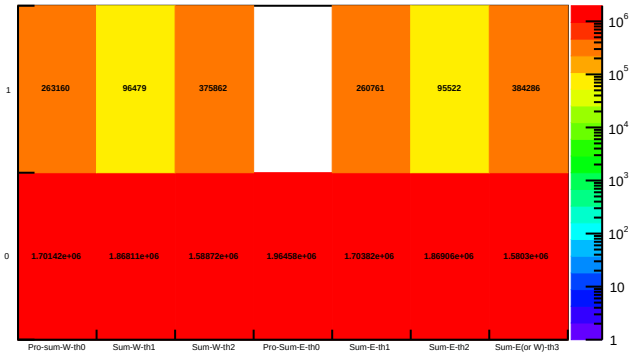
VT201 Input Ch2: ZDC Tac Diff



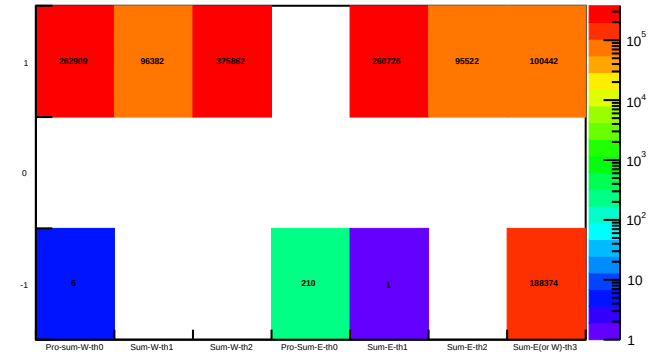
VT201 Input Ch2: ZDC Tac Diff



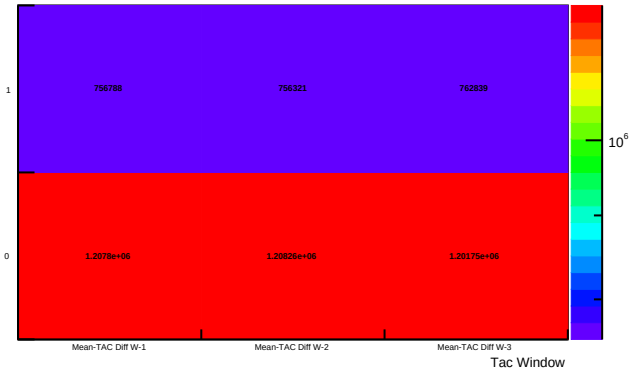
VT201 Input Ch2: ZDC Adc Sum Th



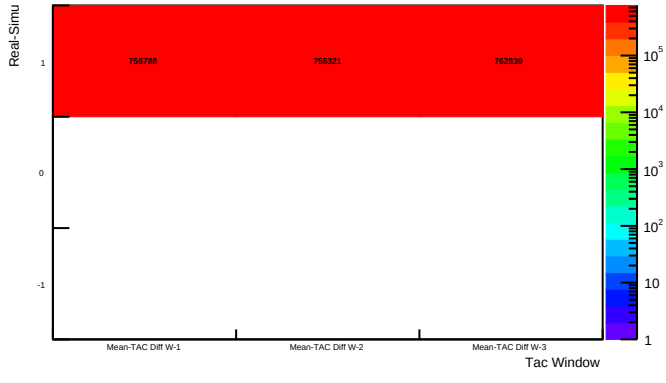
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



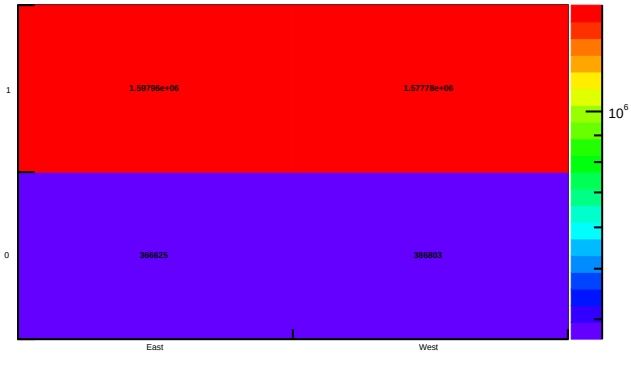
VT201 Input Ch4: VPD Tac Diff



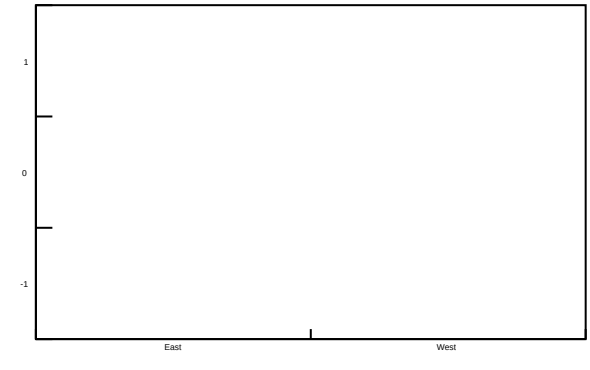
VT201 Input Ch4: VPD Tac Diff

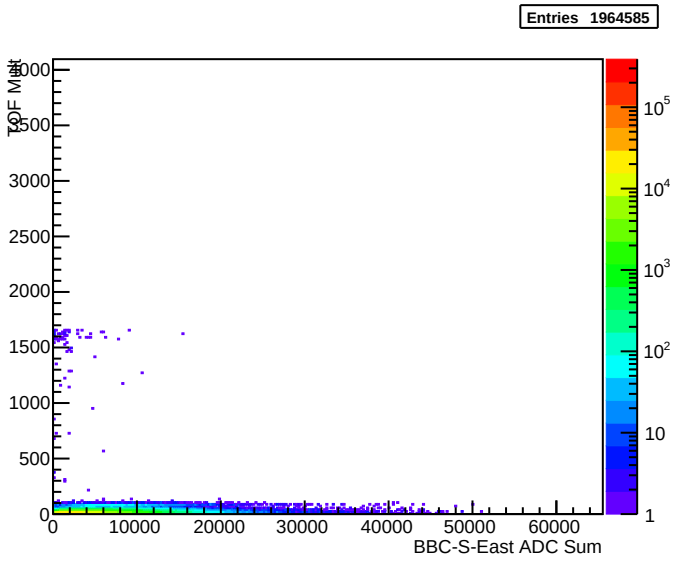


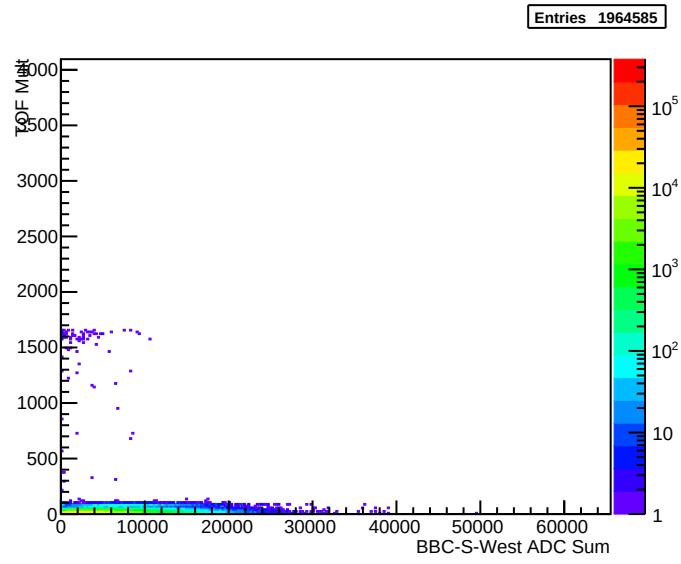
VT201 Input Ch4: VPD Adc Sum Th

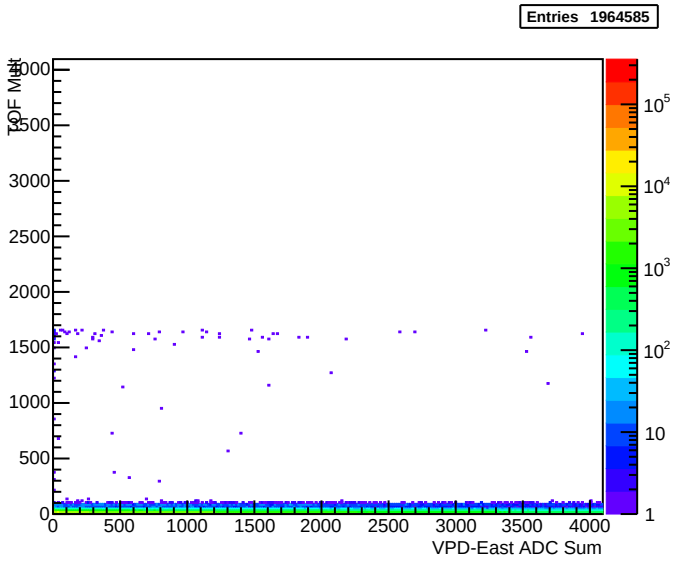


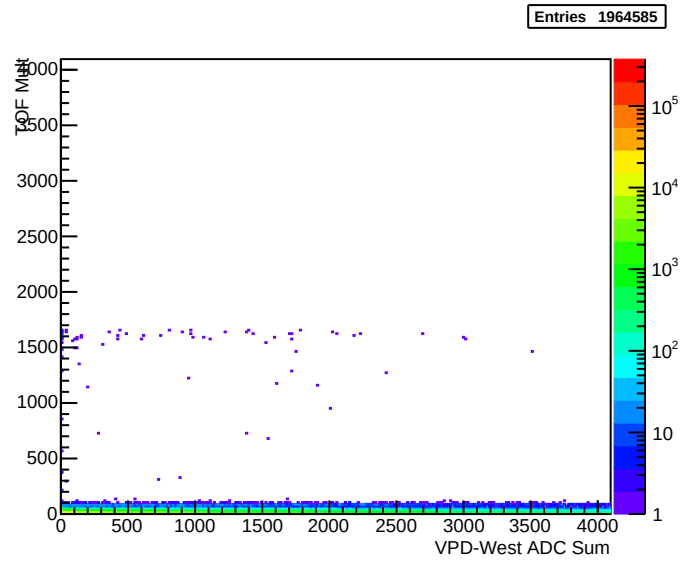
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

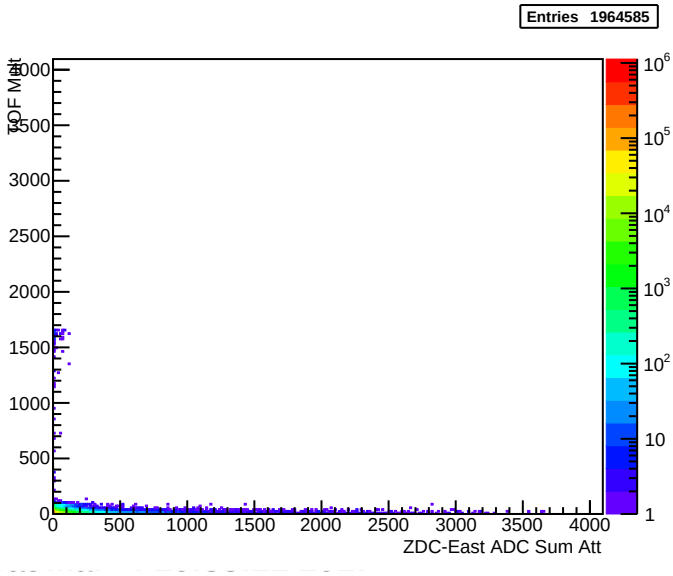


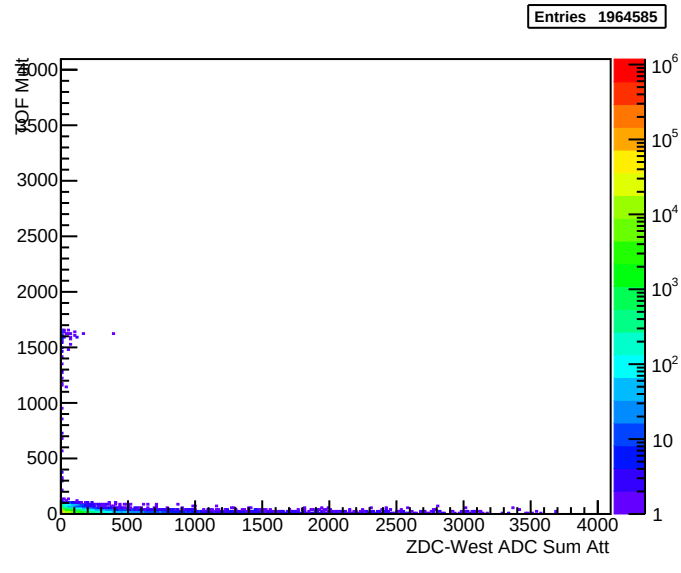

Entries 1964585
TOF Mult
BBC-S-East ADC Sum

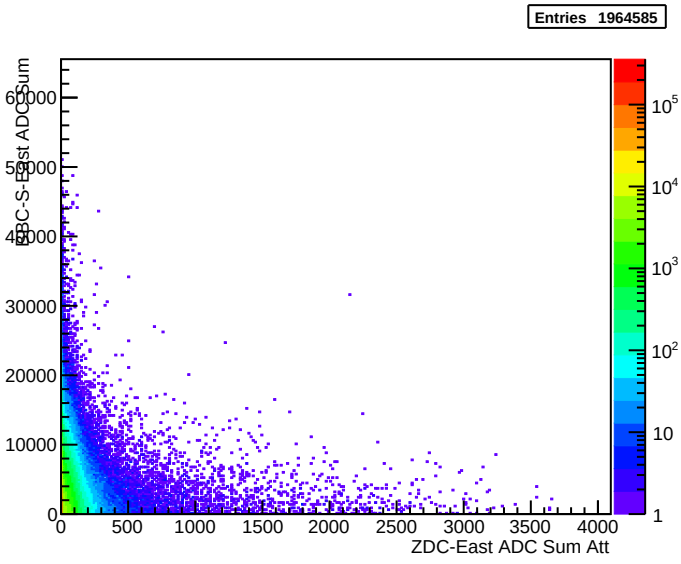

Entries 1964585
TOF Mult
BBC-S-West ADC Sum

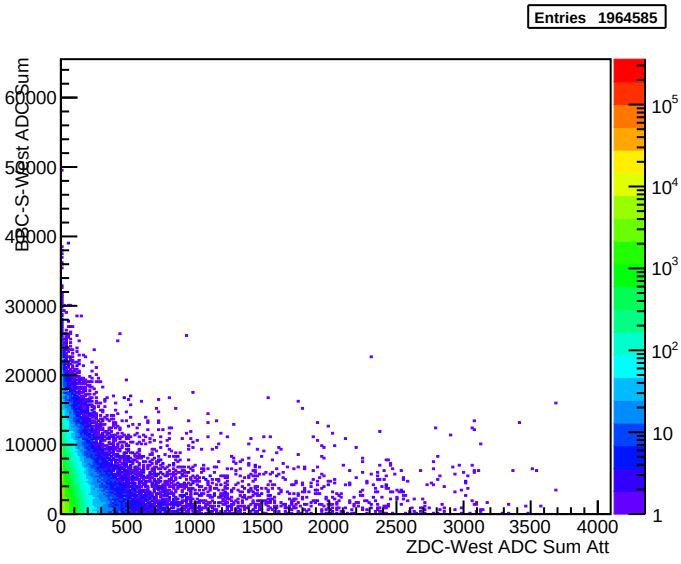

Entries 1964585
TOF Mult
VPD-East ADC Sum

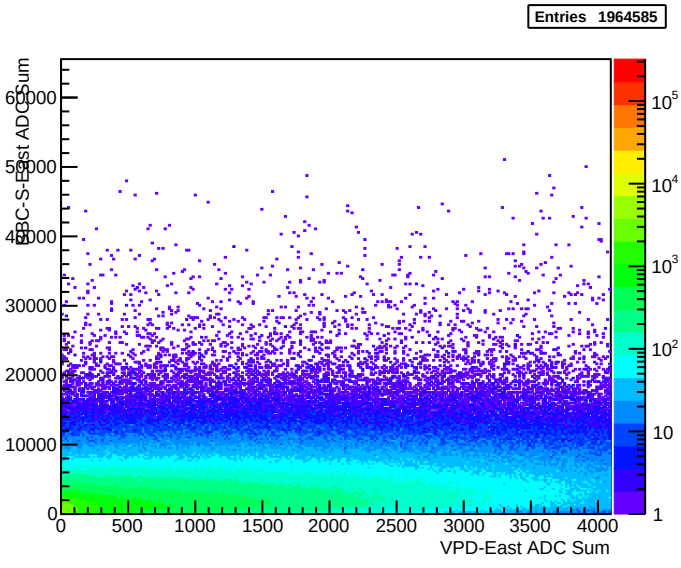

Entries 1964585
TOF Mult
VPD-West ADC Sum

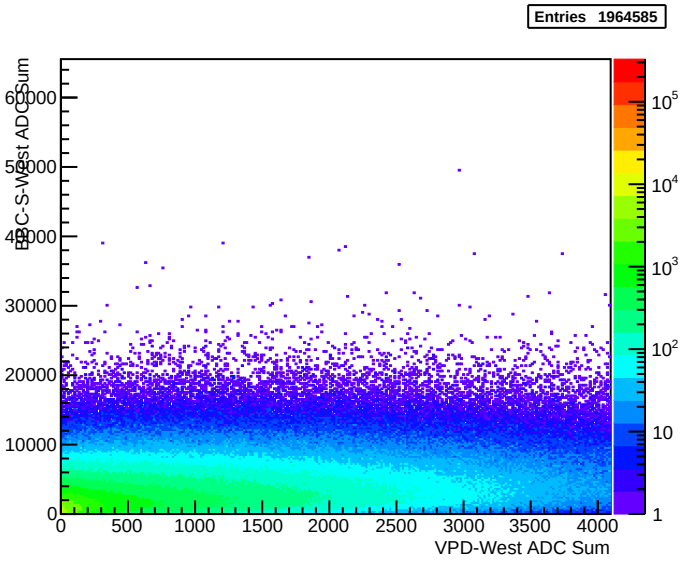

Entries 1964585
TOF Mult
ZDC-East ADC Sum Att

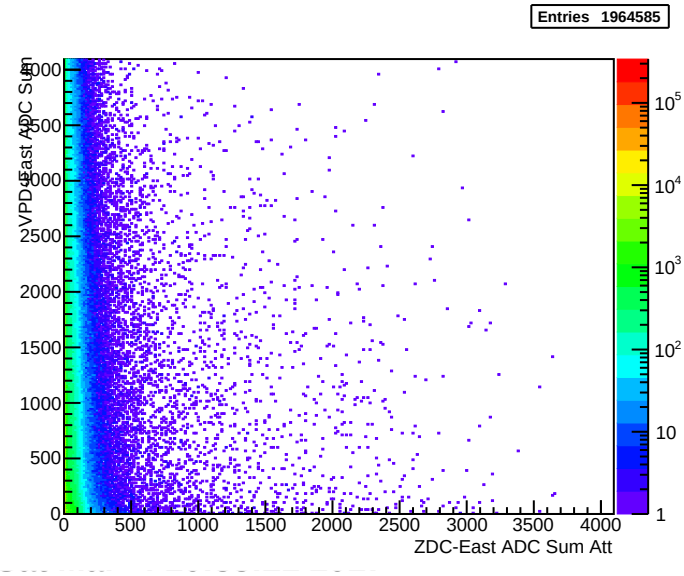

Entries 1964585
TOF Mult
ZDC-West ADC Sum Att

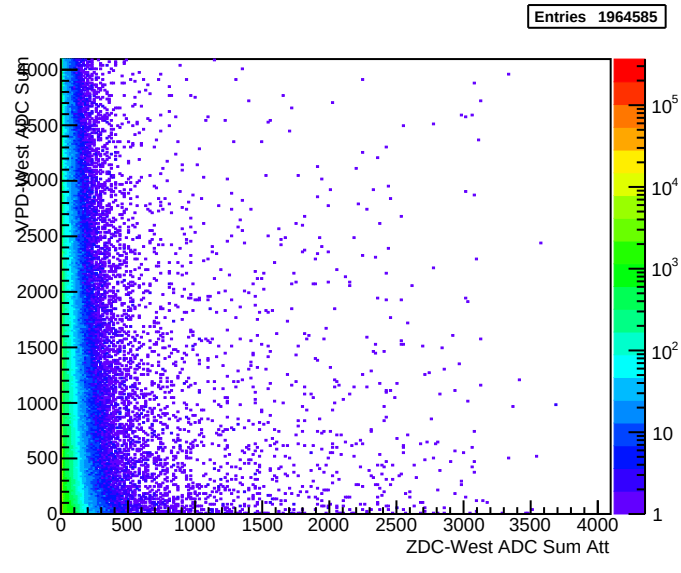

Entries 1964585
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

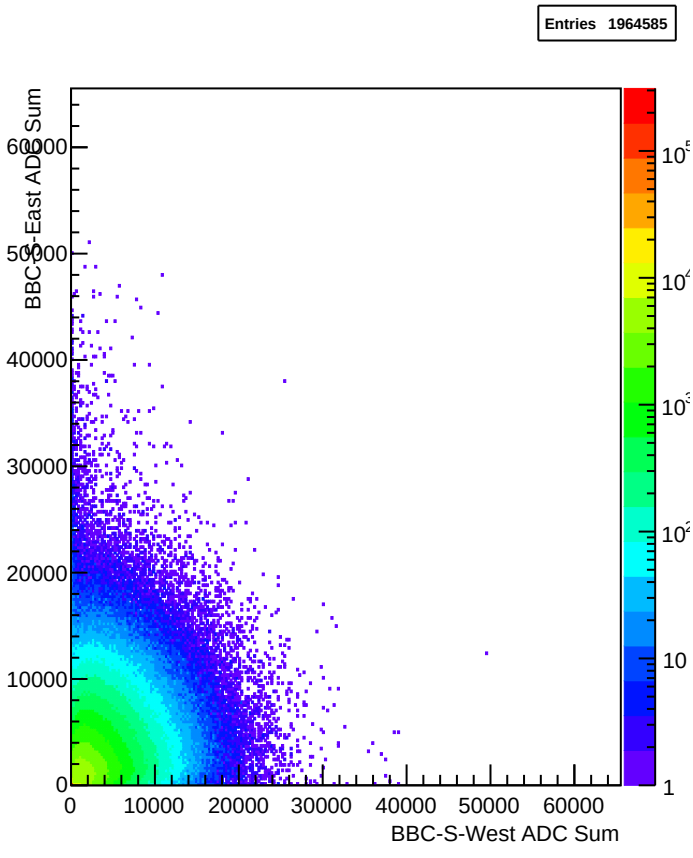

Entries 1964585
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

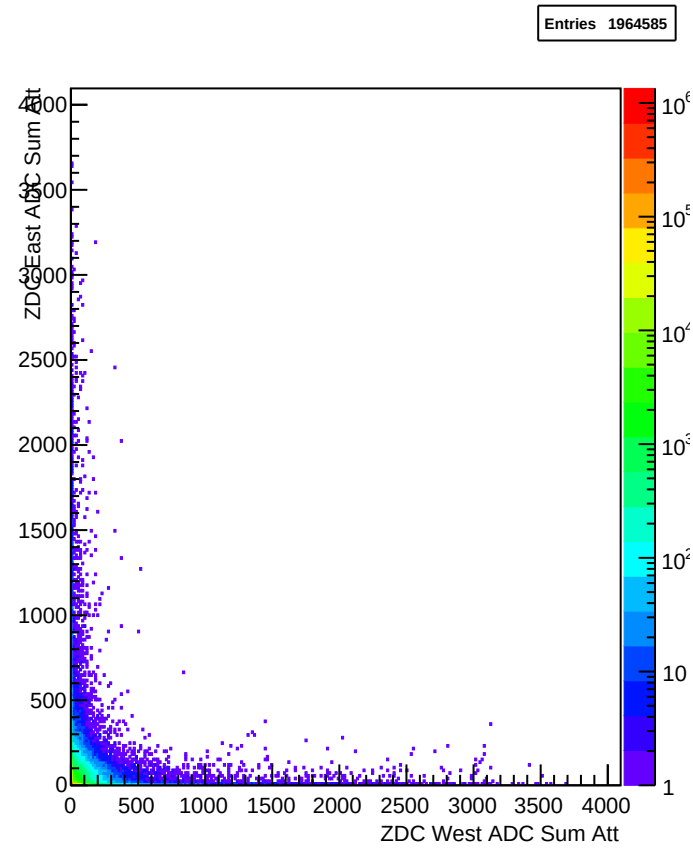

Entries 1964585
BBC-S-East ADC Sum
VPD-East ADC Sum

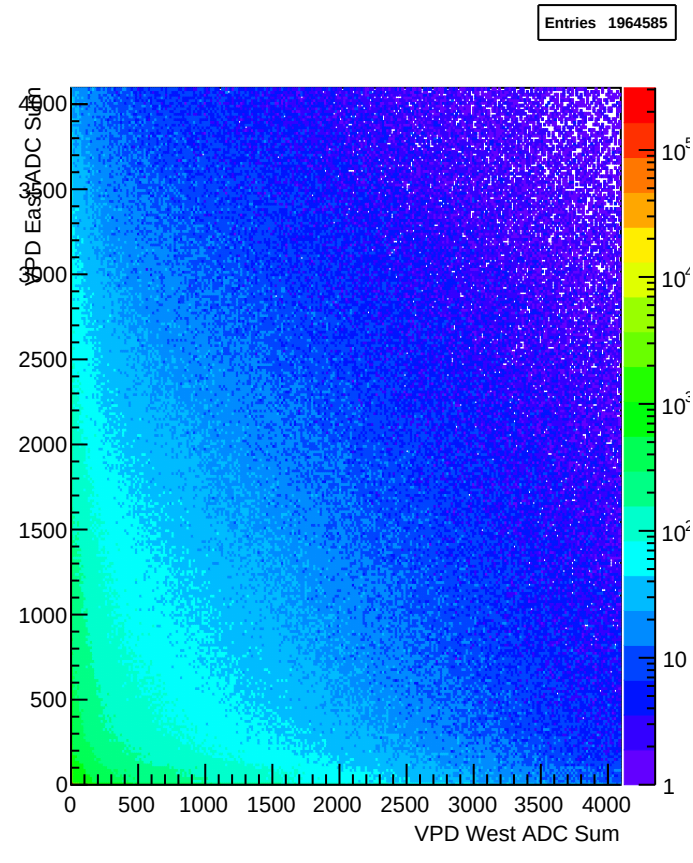

Entries 1964585
BBC-S-West ADC Sum
VPD-West ADC Sum

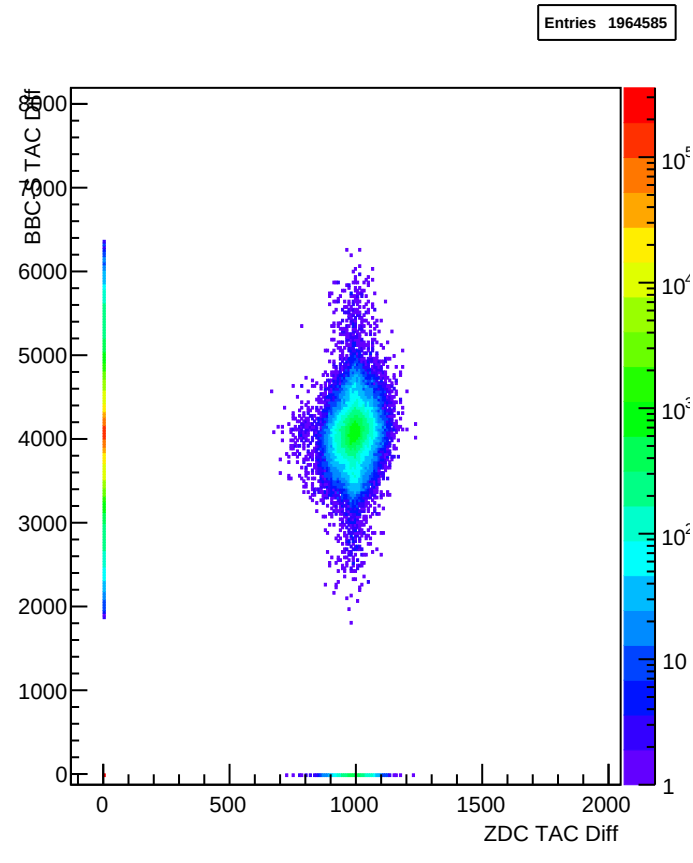

Entries 1964585
VPD-East ADC Sum
ZDC-East ADC Sum Att

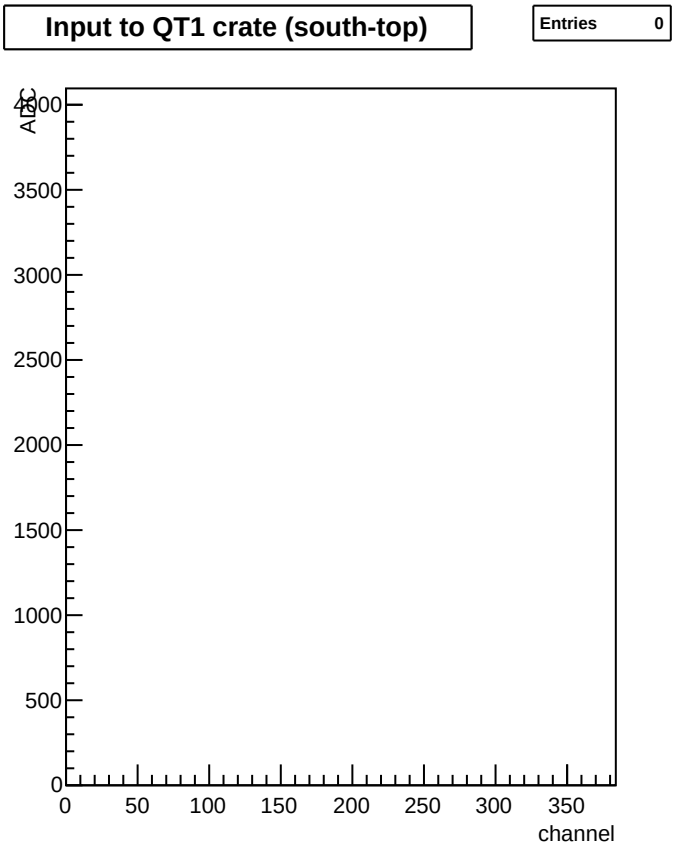

Entries 1964585
VPD-West ADC Sum
ZDC-West ADC Sum Att

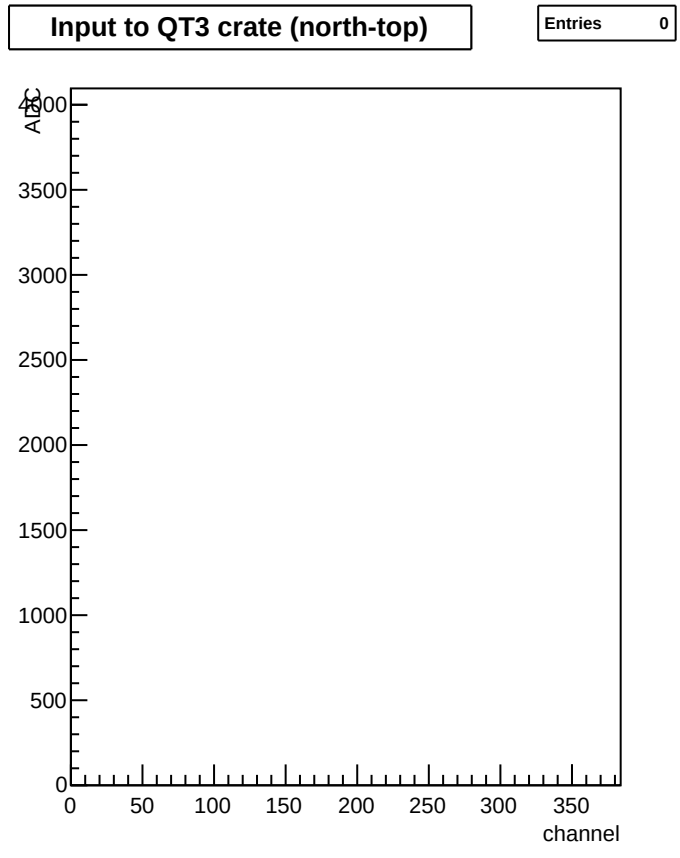

Entries 1964585
BBC-S-East ADC Sum
BBC-S-West ADC Sum

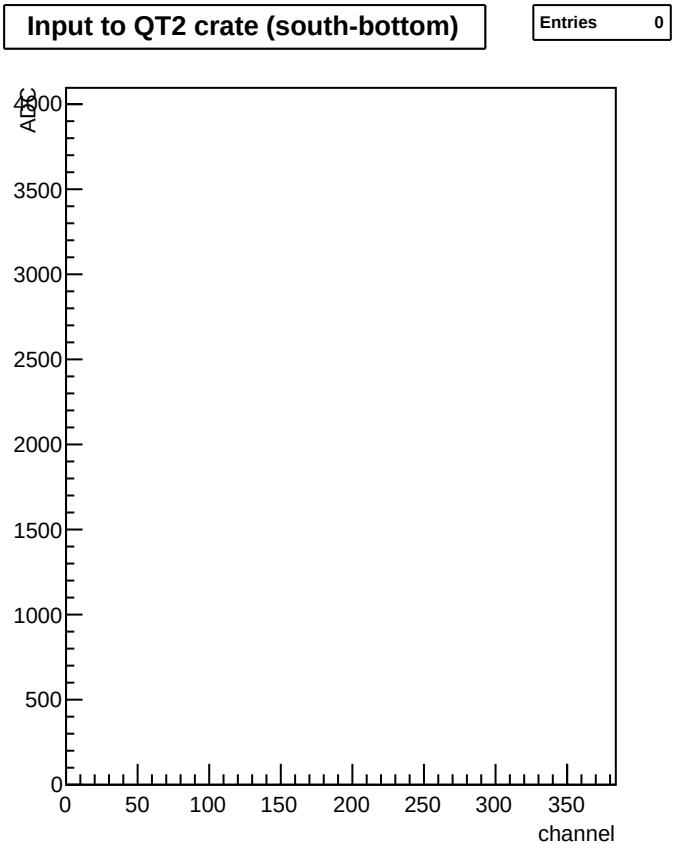

Entries 1964585
ZDC East ADC Sum Att
ZDC West ADC Sum Att

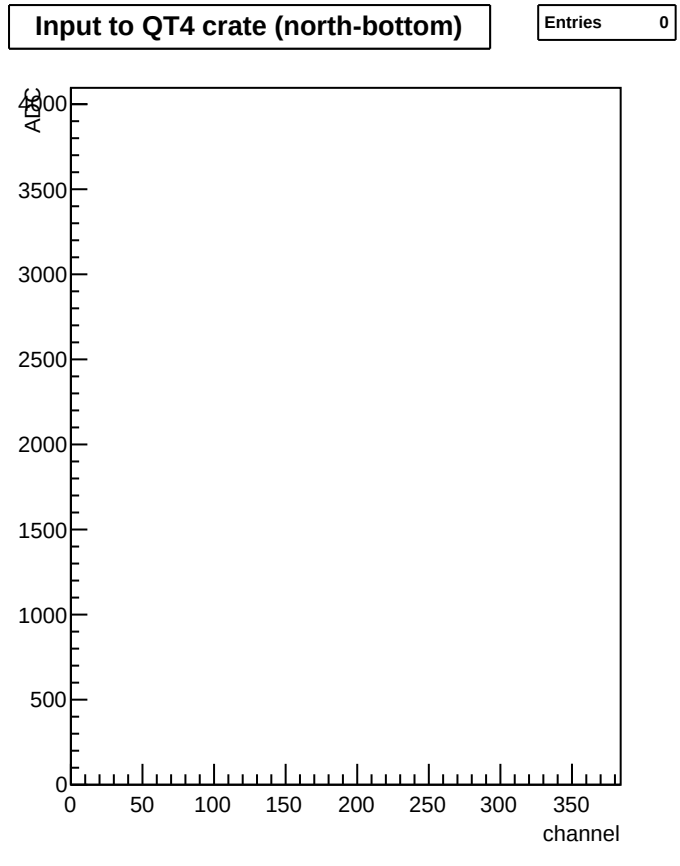

Entries 1964585
VPD East ADC Sum
VPD West ADC Sum

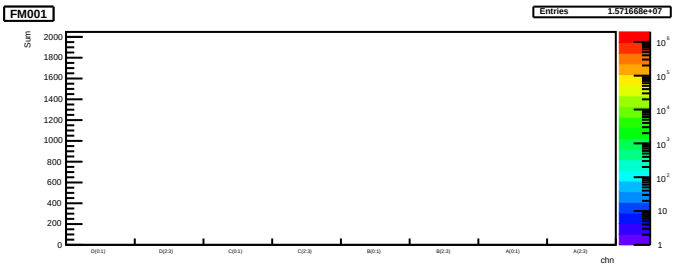

Entries 1964585
BBC-S TAC Diff
ZDC TAC Diff

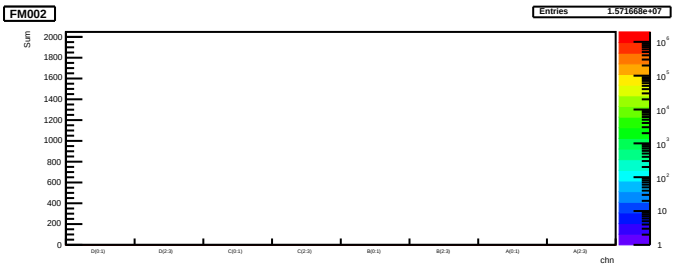

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

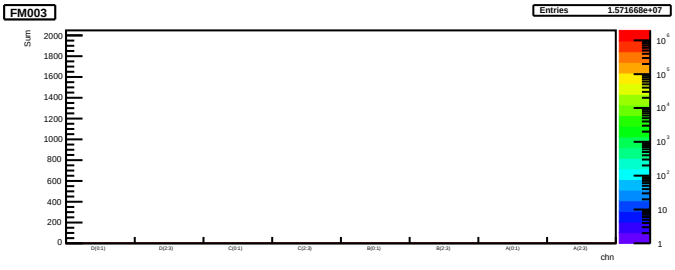

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

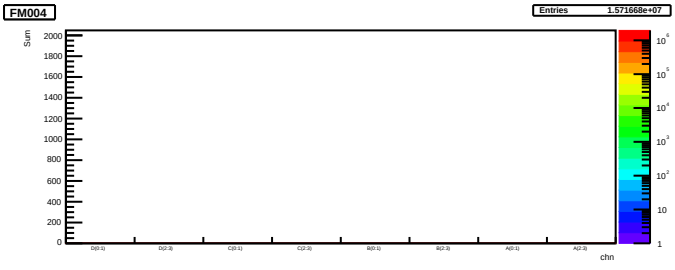

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

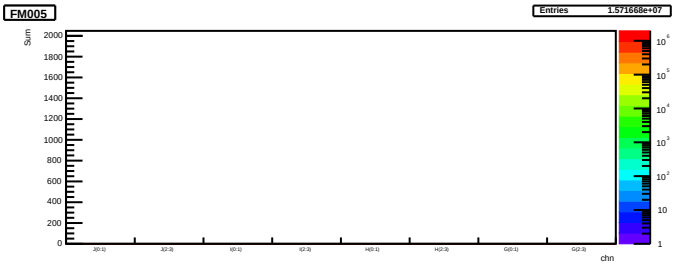

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

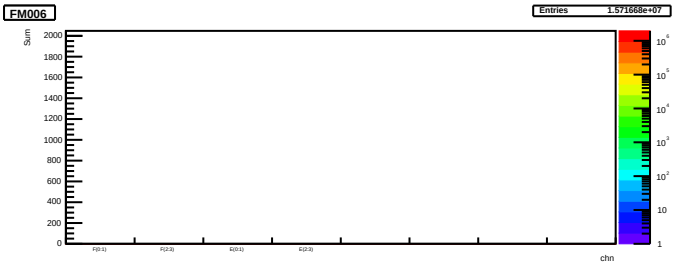

FM001
Entries 1.571668e+07
Sum
chn

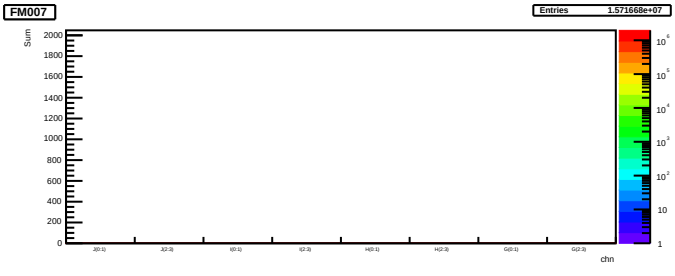

FM002
Entries 1.571668e+07
Sum
chn

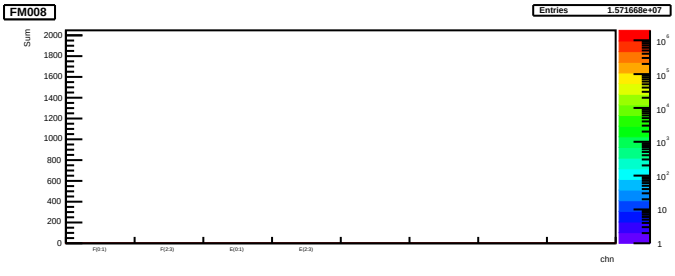

FM003
Entries 1.571668e+07
Sum
chn


FM004
Entries 1.571668e+07
Sum
chn


FM005
Entries 1.571668e+07
Sum
chn


FM006
Entries 1.571668e+07
Sum
chn


FM007
Entries 1.571668e+07
Sum
chn


FM008
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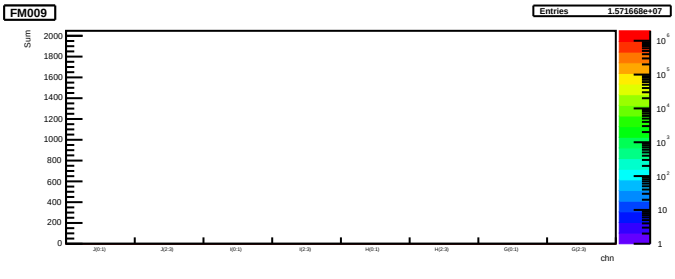
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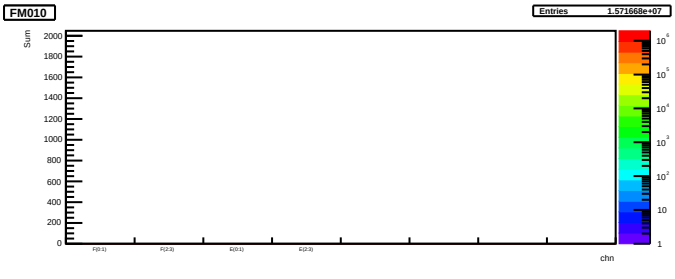
chn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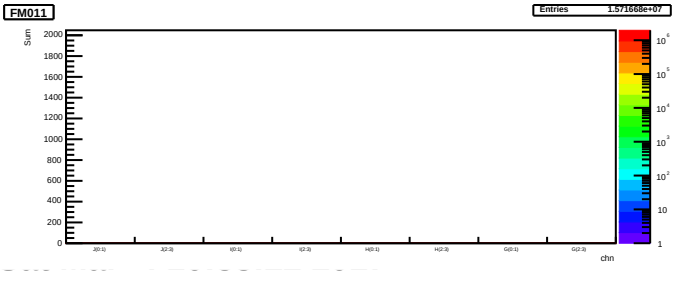
chn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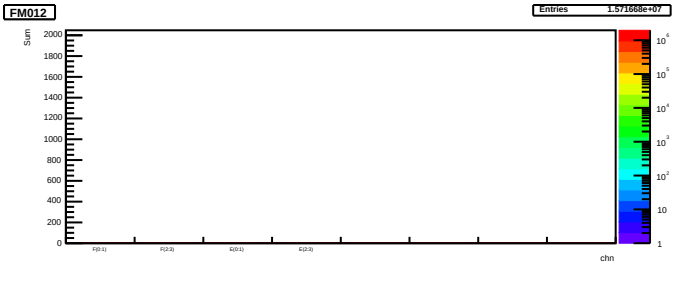
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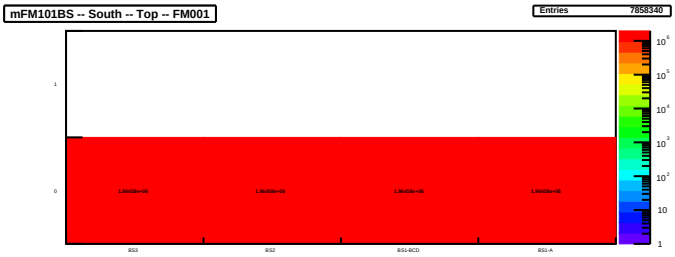
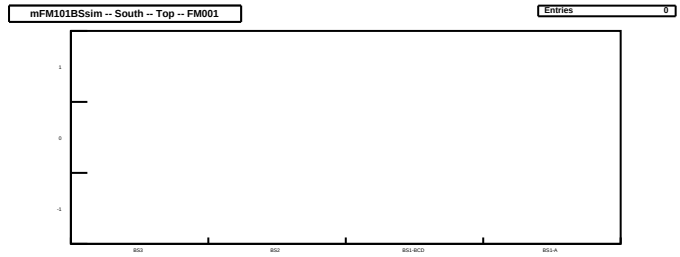

mFM101BS -- South -- Top -- FM001
Entries 7858340
BS3
BS2
BS1-BCD
BS1-A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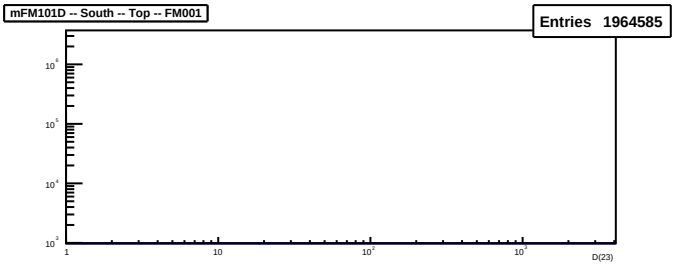
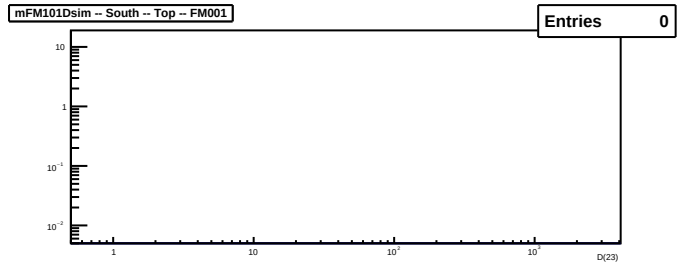
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 1964585
D(23)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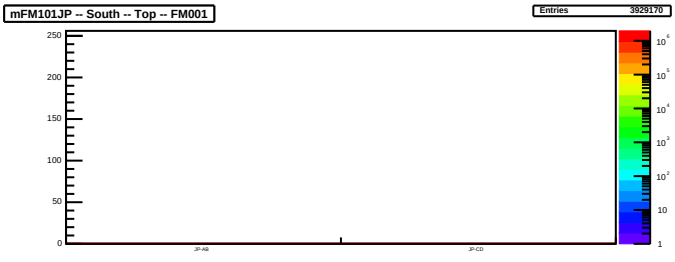
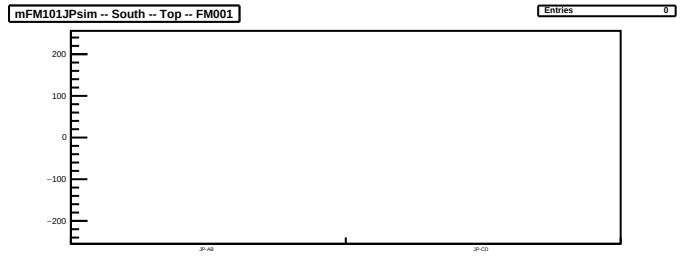
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 3929170
JP-AB
JP-CD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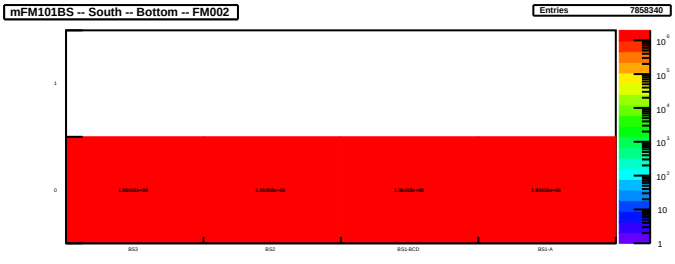
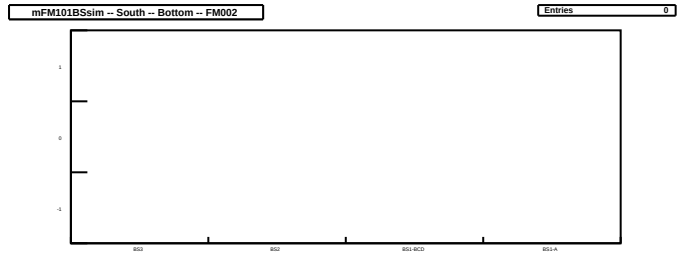
Entries 0
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 7858340
BS3
BS2
BS1-BCD
BS1-A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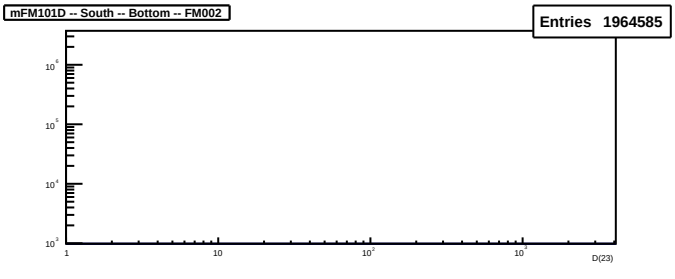
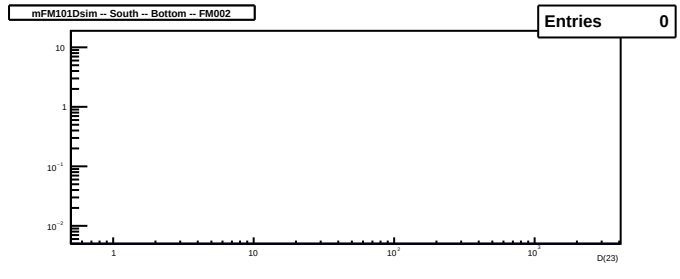
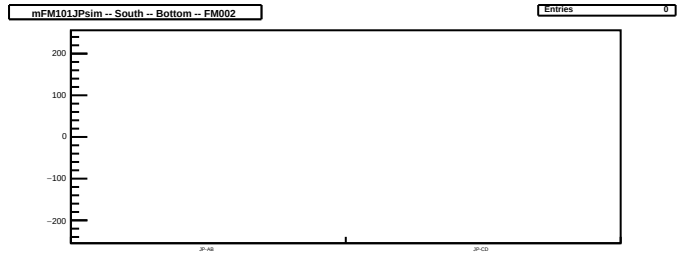
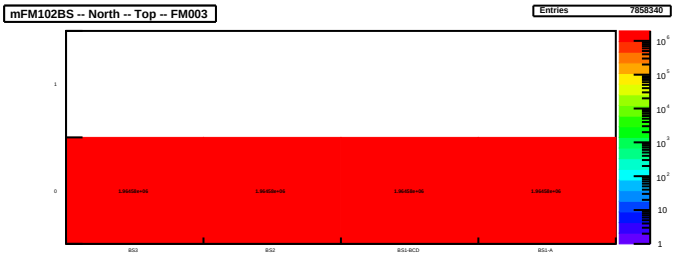
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 1964585
D(23)

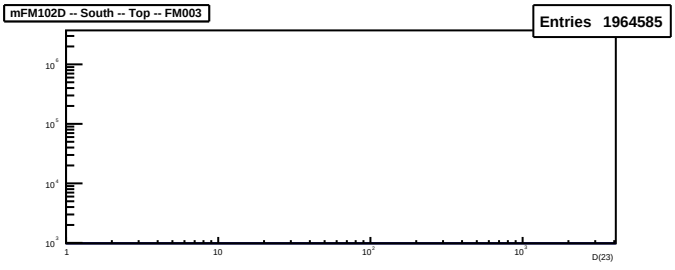

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 3929170
JP-AB
JP-CD


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


mFM102BS -- North -- Top -- FM003
Entries 7858340
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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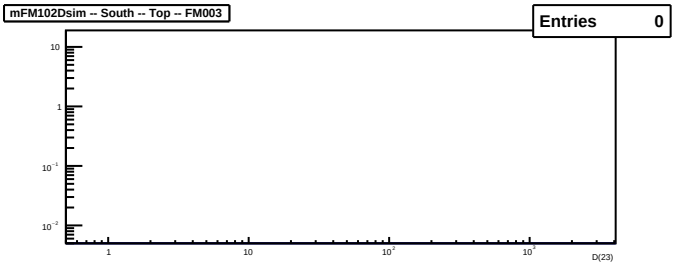
Entries 1964585
D(23)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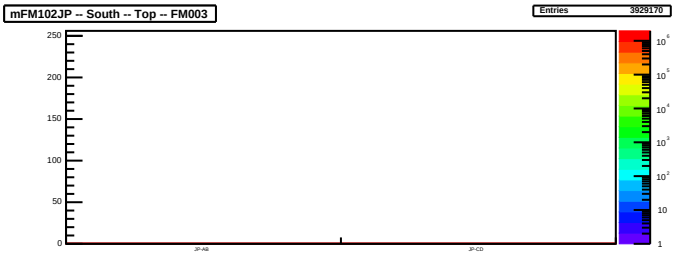
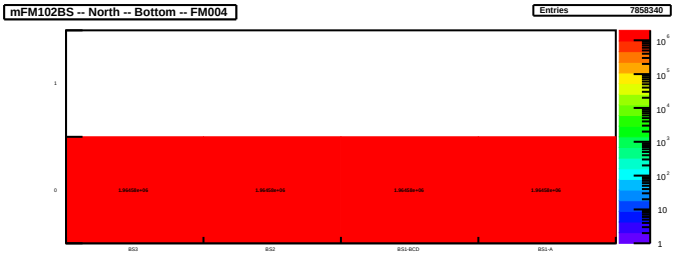
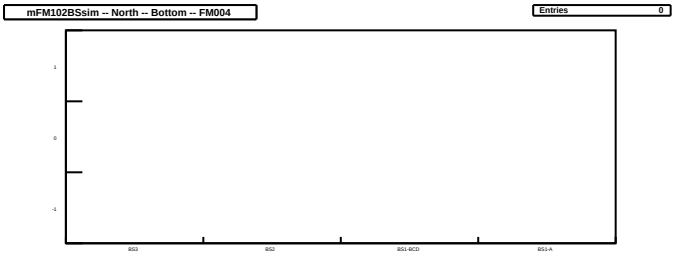
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 3929170
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 7858340
BS3
BS2
BS1-BCD
BS1-A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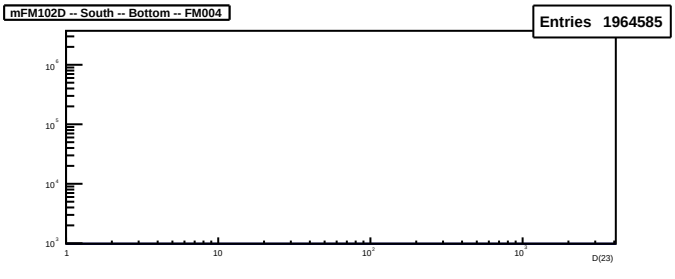
Entries 0
BS3
BS2
BS1-BCD
BS1-A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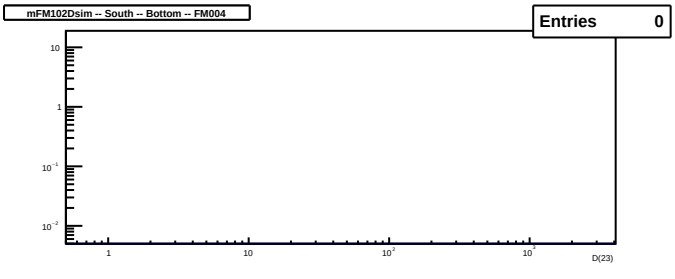
Entries 1964585
D(23)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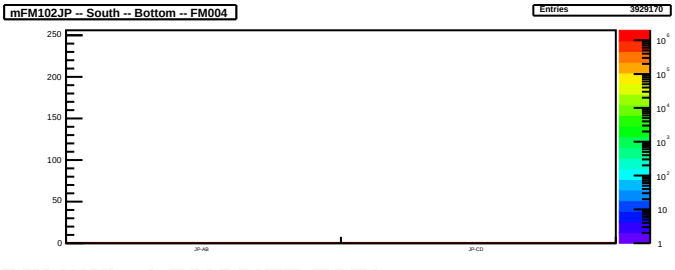
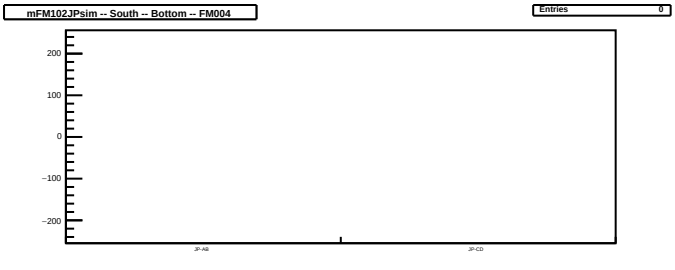
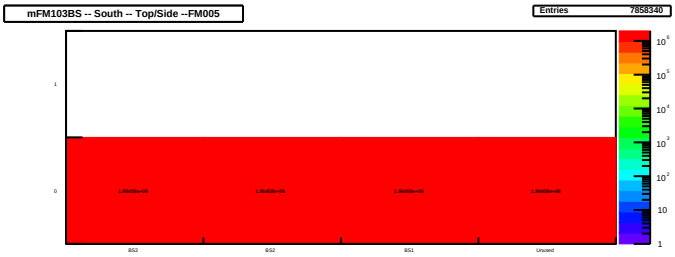
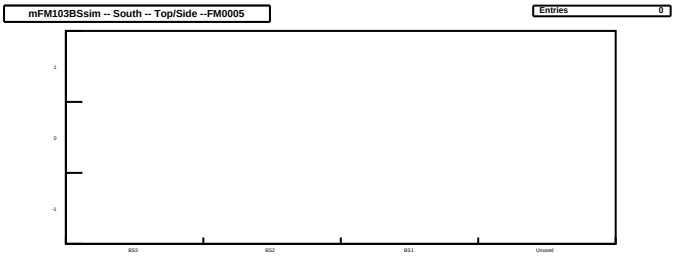
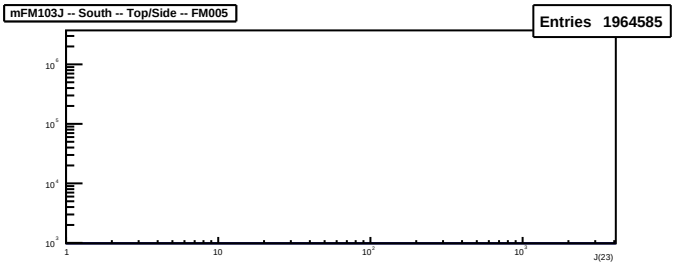
Entries 0
D(23)

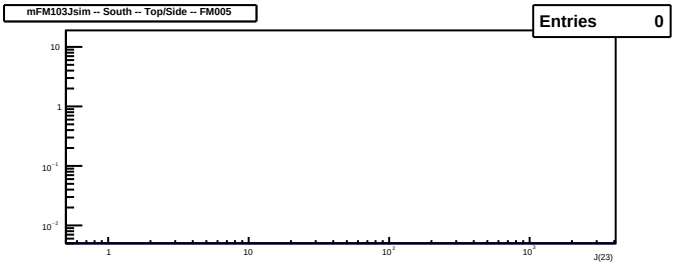

mFM102JP -- South -- Bottom -- FM004
Entries 3929170
JP-AB
JP-CD

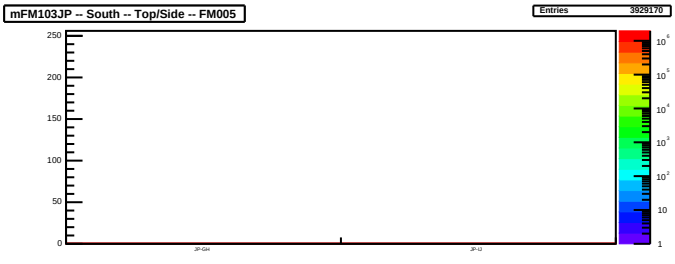

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

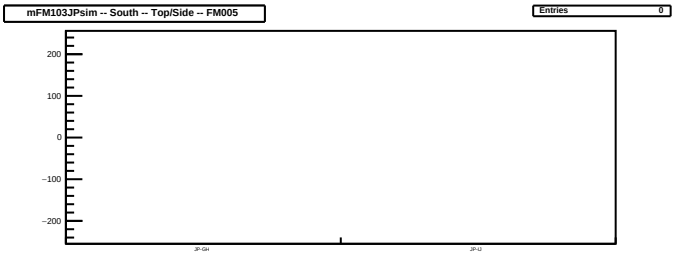

mFM103BS -- South -- Top/Side --FM005
Entries 7858340
BS3
BS2
BS1
Unused

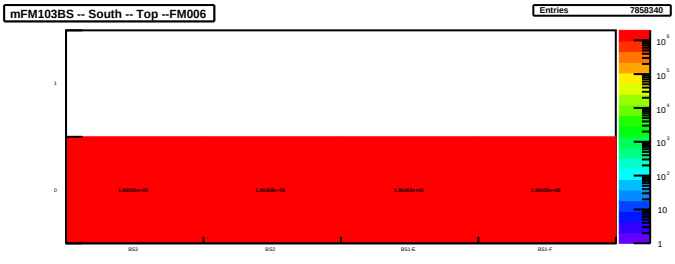

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused

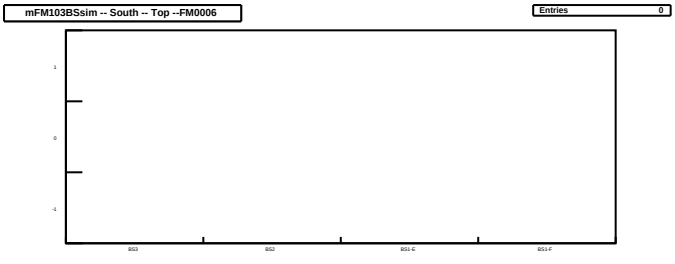

mFM103J -- South -- Top/Side -- FM005
Entries 1964585
J(23)

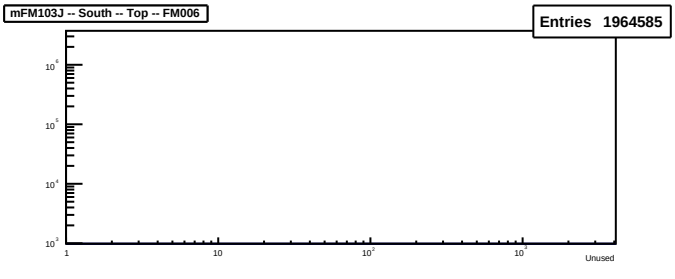

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

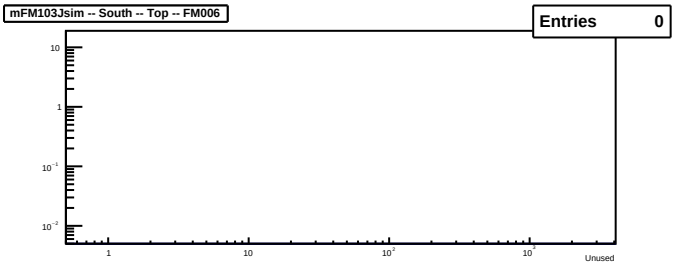

mFM103JP -- South -- Top/Side -- FM005
Entries 3929170
JP-GH
JP-U

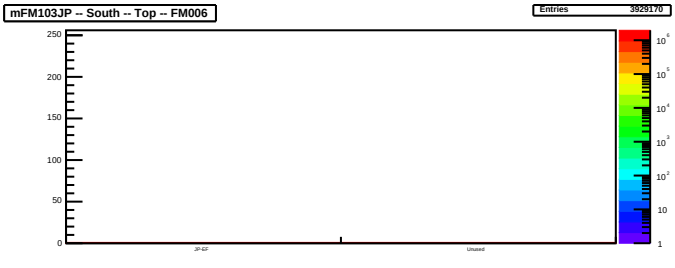

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-U

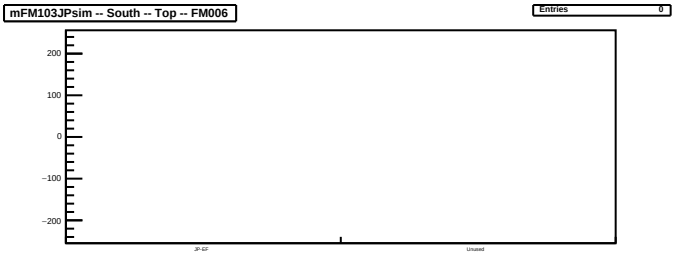

mFM103BS -- South -- Top --FM006
Entries 7858340
BS3
BS2
BS1-E
BS1-F

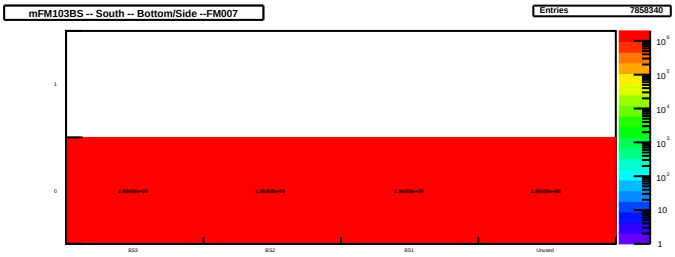

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

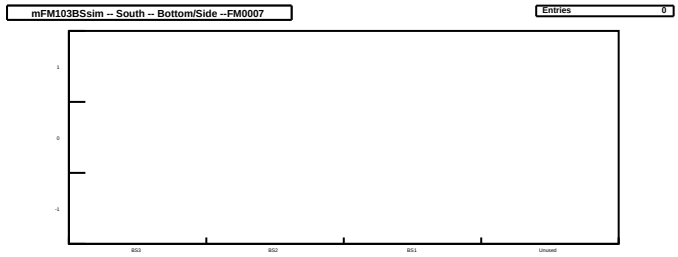

mFM103J -- South -- Top -- FM006
Entries 1964585
Unused


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


mFM103JP -- South -- Top -- FM006
Entries 3929170
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 7858340
1.964E+06
1.964E+06
1.964E+06
1.964E+06
BS3
BS2
BS1
Unused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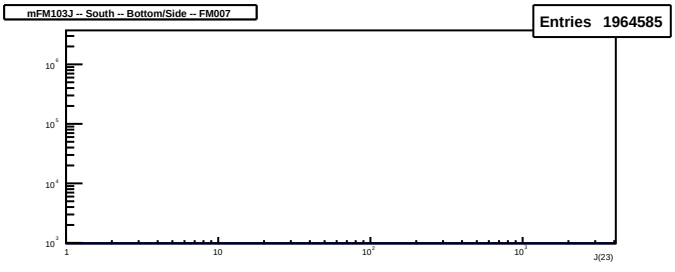
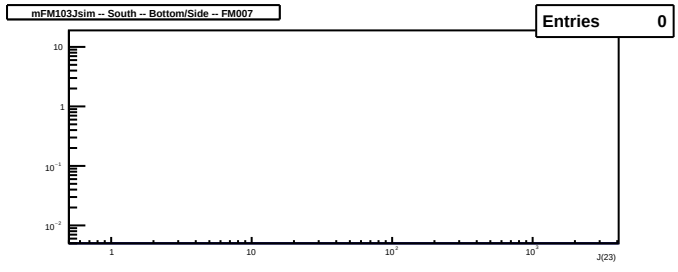
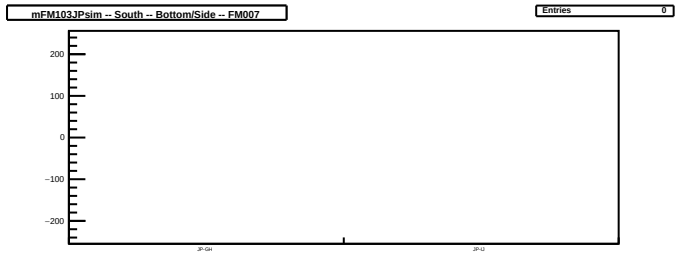
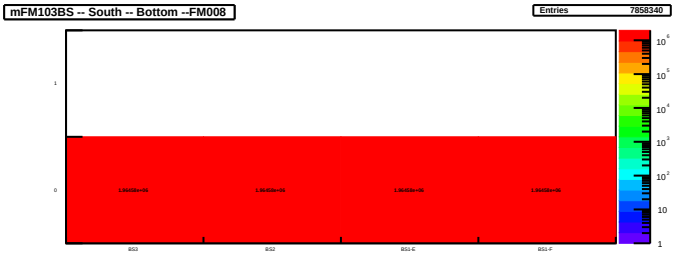
Entries 0
BS3
BS2
BS1
Unused

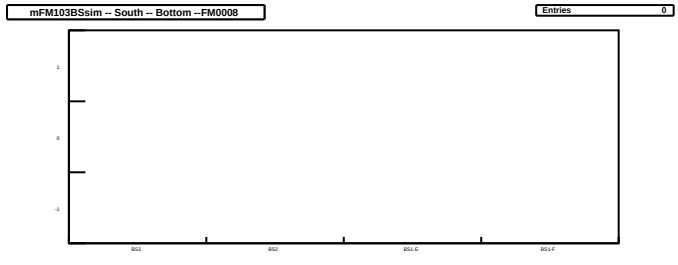

mFM103J -- South -- Bottom/Side -- FM007
Entries 1964585
J(23)

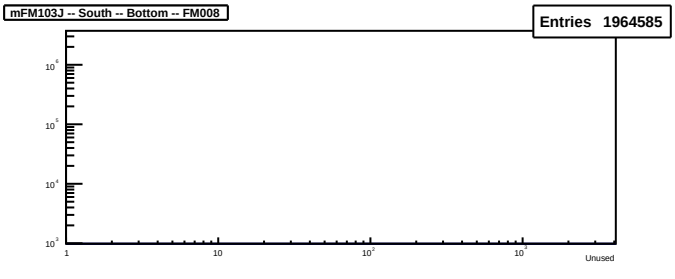

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

mFM103JP -- South -- Bottom/Side -- FM007
Entries 3929170
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 7858340
1.964E+06
1.964E+06
1.964E+06
1.964E+06
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F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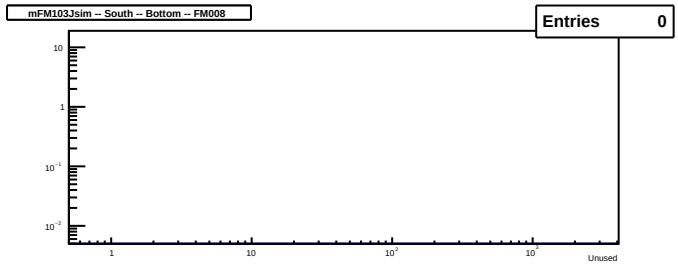
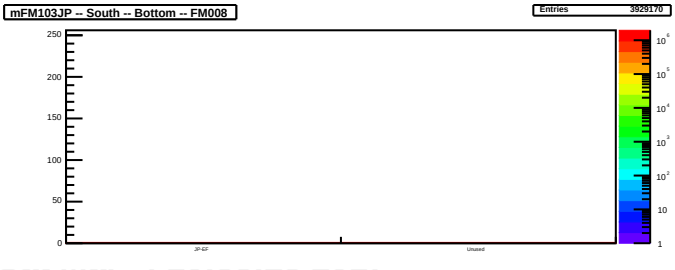
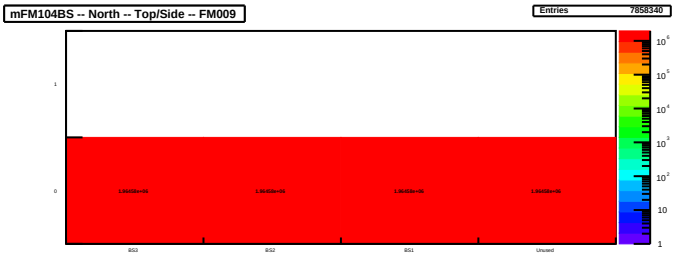
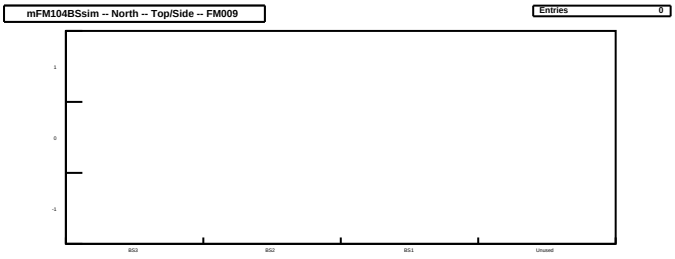
Entries 1964585
Unused

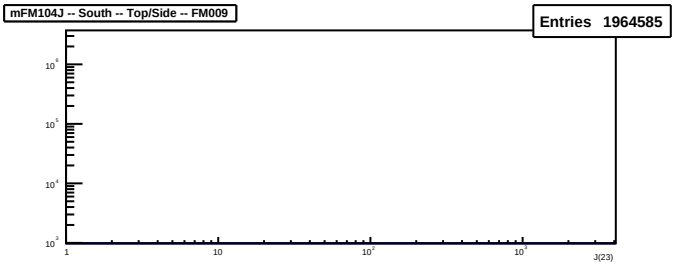

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

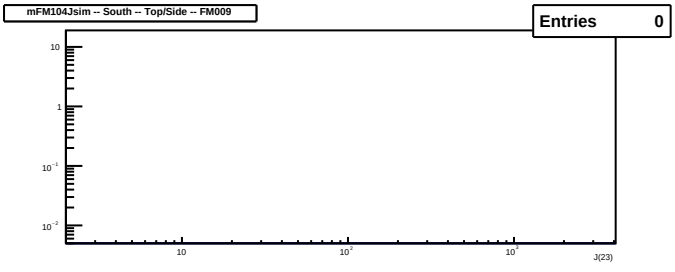

mFM103JP -- South -- Bottom -- FM008
Entries 3929170
JP-EF
Unused

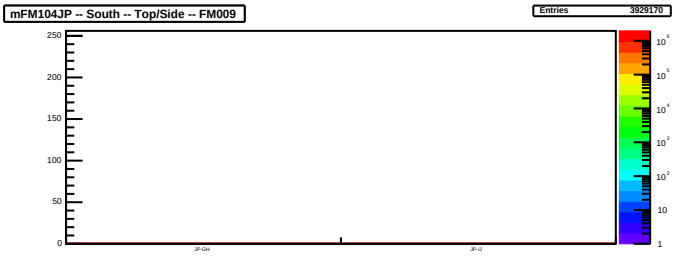
mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

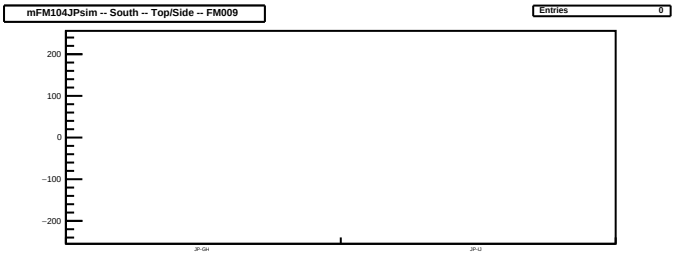

mFM104BS -- North -- Top/Side -- FM009
Entries 7858340
BS3
BS2
BS1
Unused

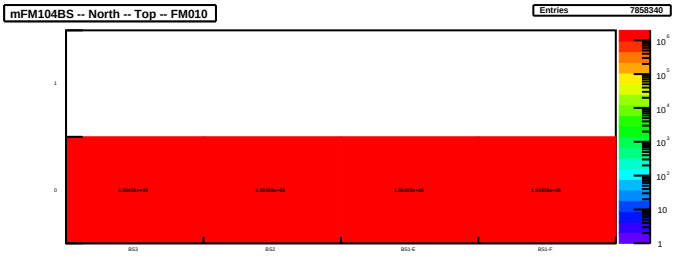

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

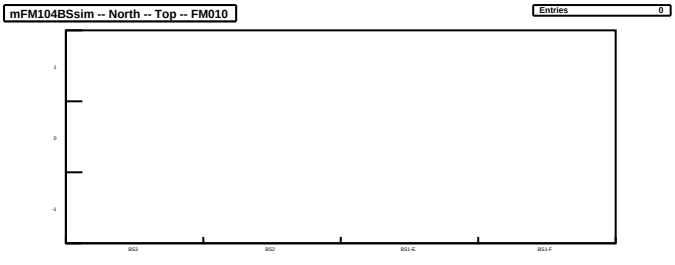

mFM104J -- South -- Top/Side -- FM009
Entries 1964585
J(23)

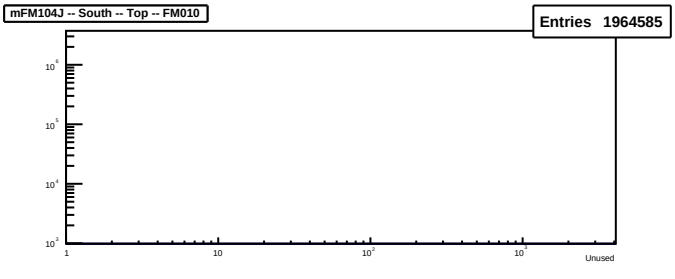

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

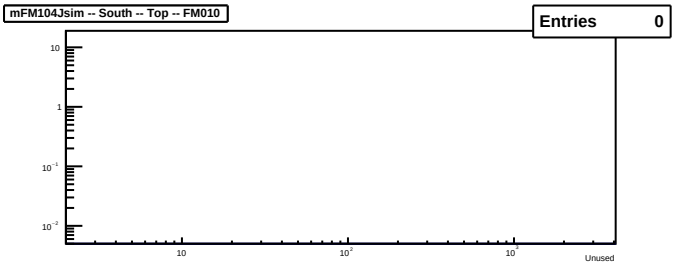

mFM104JP -- South -- Top/Side -- FM009
Entries 3929170
JP-GH
JP-U


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

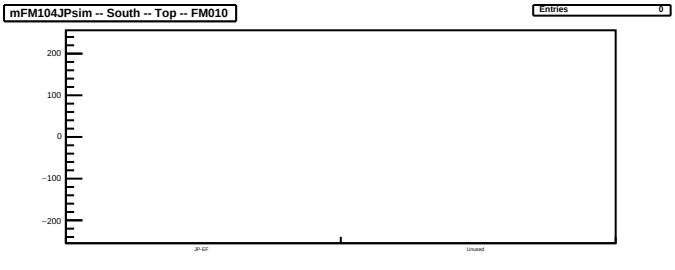

mFM104BS -- North -- Top -- FM010
Entries 7858340
BS3
BS2
BS1-E
BS1-F

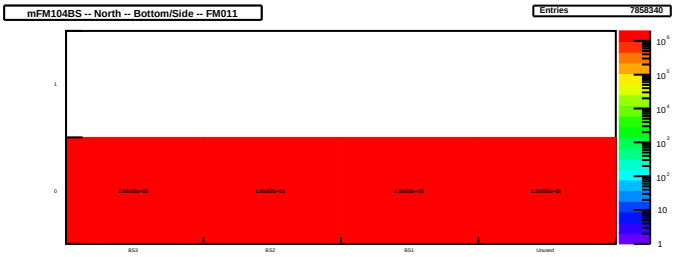

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

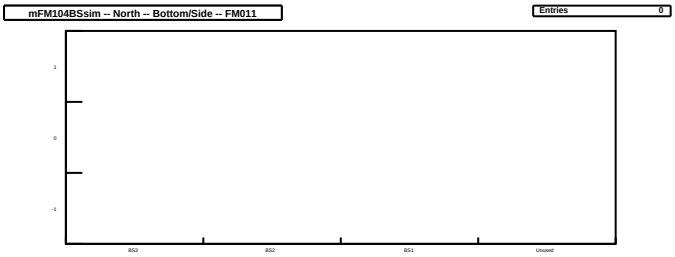

mFM104J -- South -- Top -- FM010
Entries 1964585
Unused

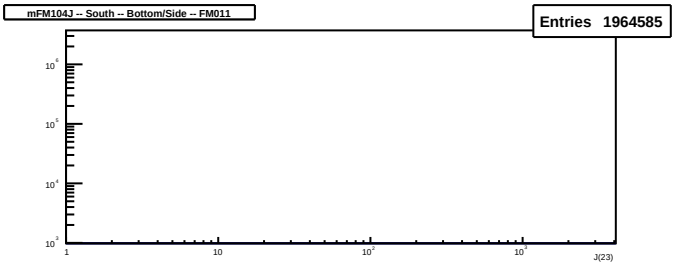

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

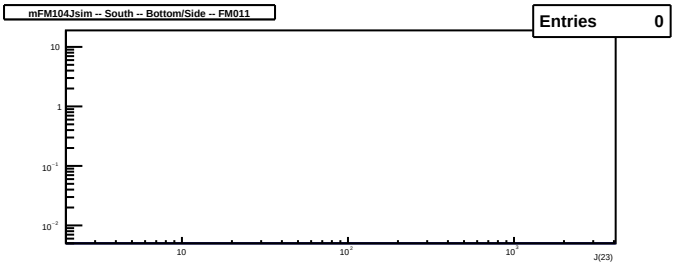
mFM104JP -- South -- Top -- FM010
Entries 3929170
JP-EF
Unused

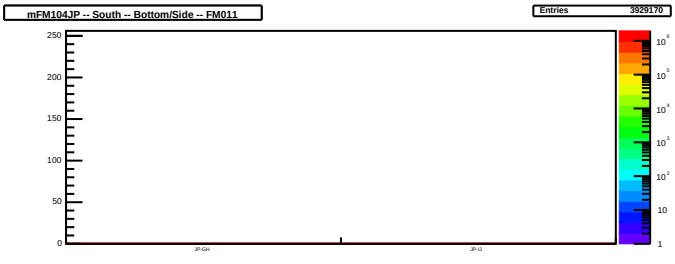

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

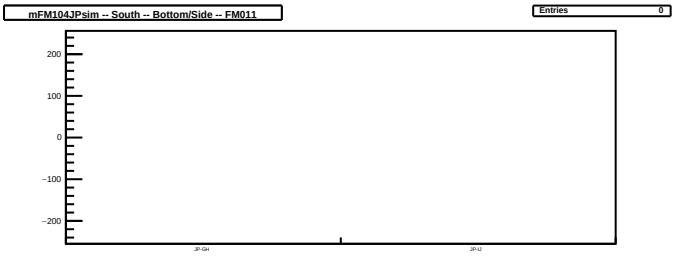

mFM104BS -- North -- Bottom/Side -- FM011
Entries 7858340
1.964E+06
1.964E+06
1.964E+06
1.964E+06
BS3
BS2
BS1
Unused

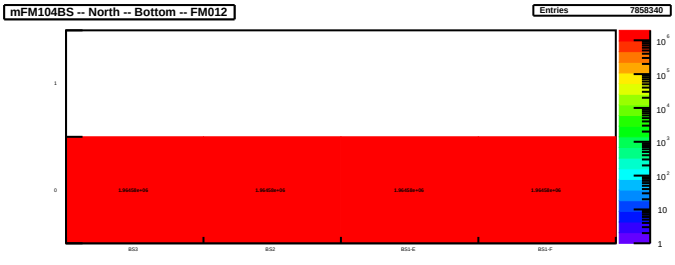

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

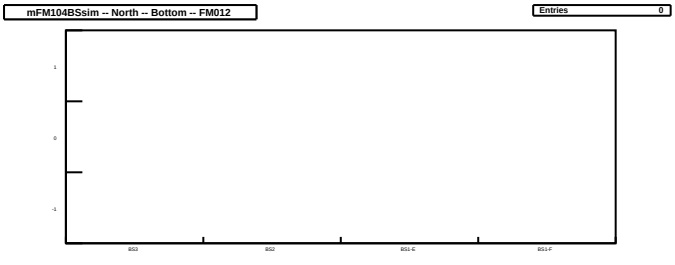

mFM104J -- South -- Bottom/Side -- FM011
Entries 1964585
J(23)

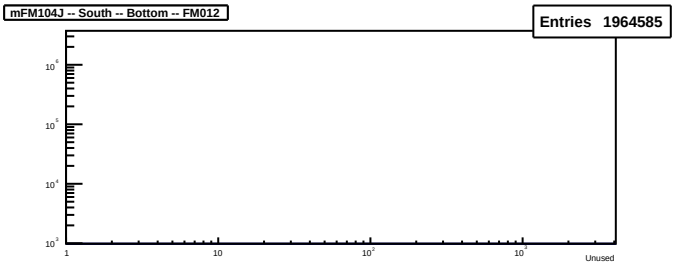

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

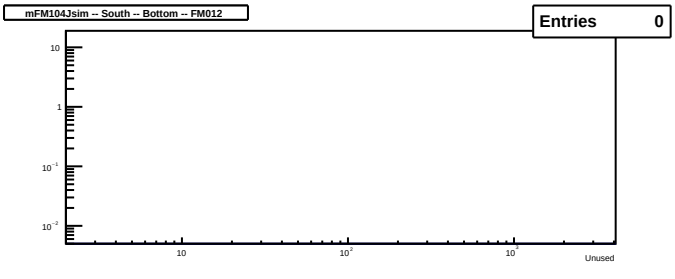

mFM104JP -- South -- Bottom/Side -- FM011
Entries 3929170
JP-GH
JP-IJ


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

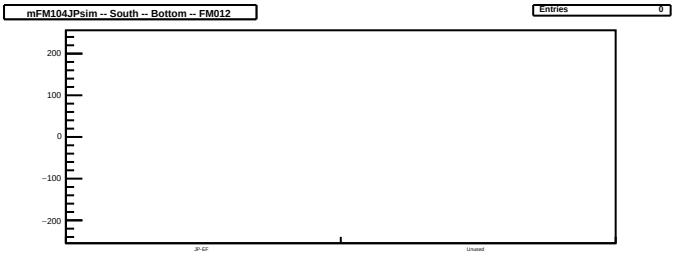

mFM104BS -- North -- Bottom -- FM012
Entries 7858340
1.964E+06
1.964E+06
1.964E+06
1.964E+06
BS3
BS2
BS1-E
BS1-F

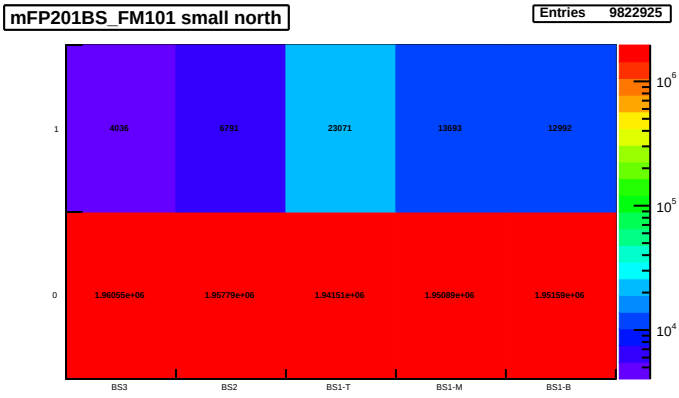

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

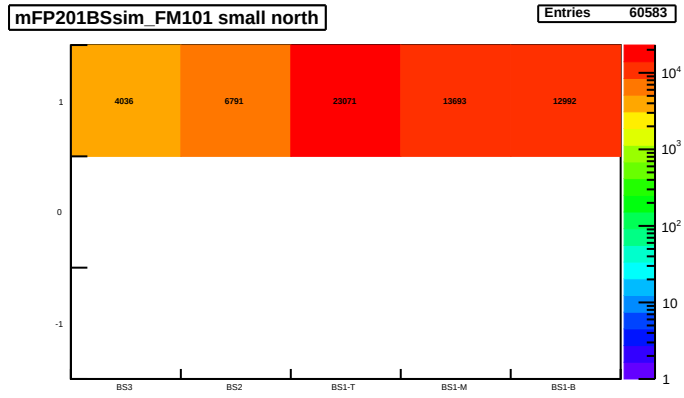

mFM104J -- South -- Bottom -- FM012
Entries 1964585
Unused

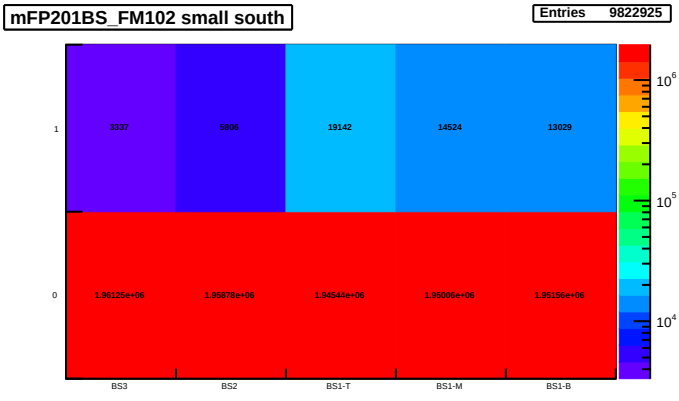

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

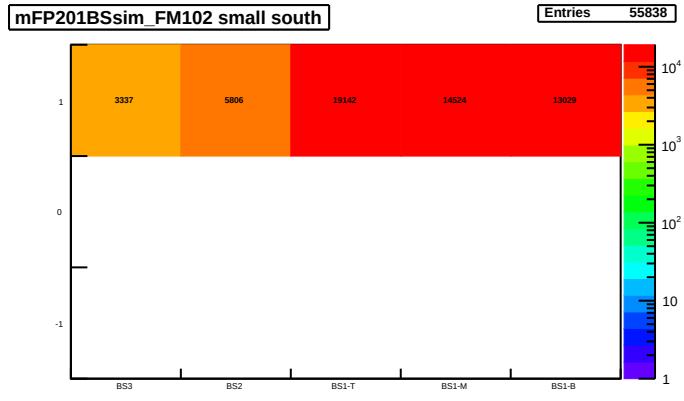
mFM104JP -- South -- Bottom -- FM012
Entries 3929170
JP-EF
Unused

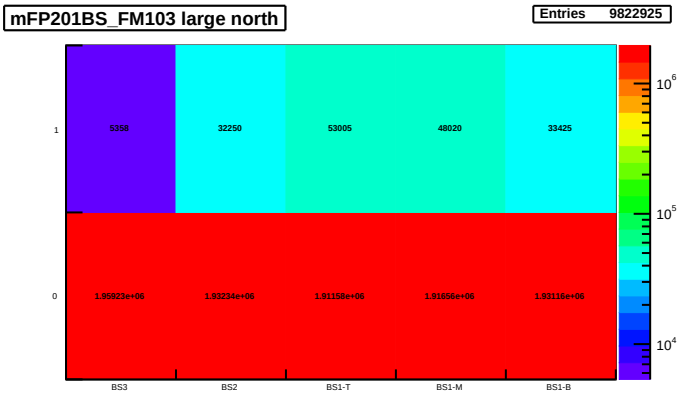

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

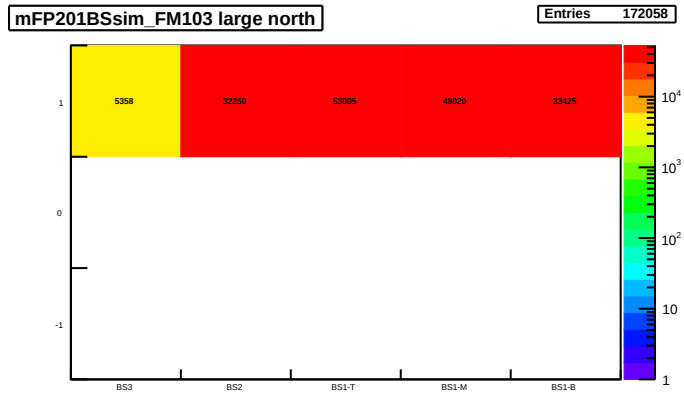

mFP201BS_FM101 small north
Entries 9822925
4036
6791
23071
13693
12992
1.96055e+06
1.95779e+06
1.94151e+06
1.95089e+06
1.95159e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

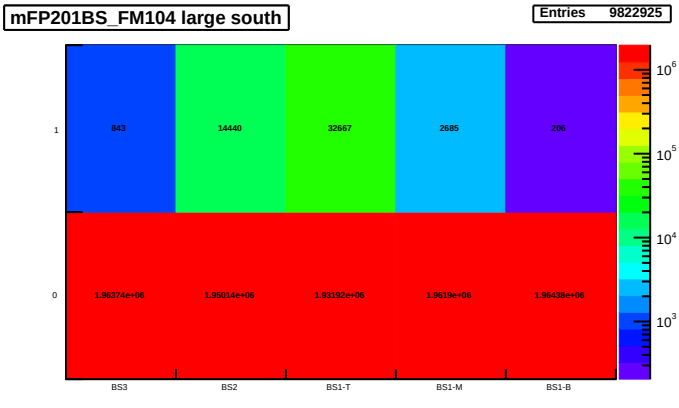

mFP201BSsim_FM101 small north
Entries 60583
4036
6791
23071
13693
12992
BS3
BS2
BS1-T
BS1-M
BS1-B

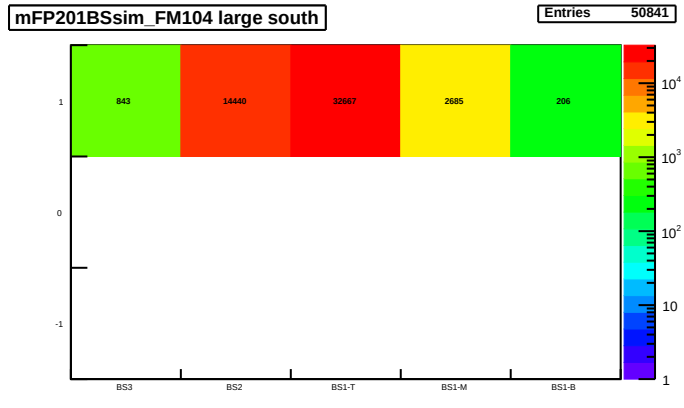

mFP201BS_FM102 small south
Entries 9822925
3337
5806
19142
14524
13029
1.96125e+06
1.95878e+06
1.94544e+06
1.95006e+06
1.95156e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

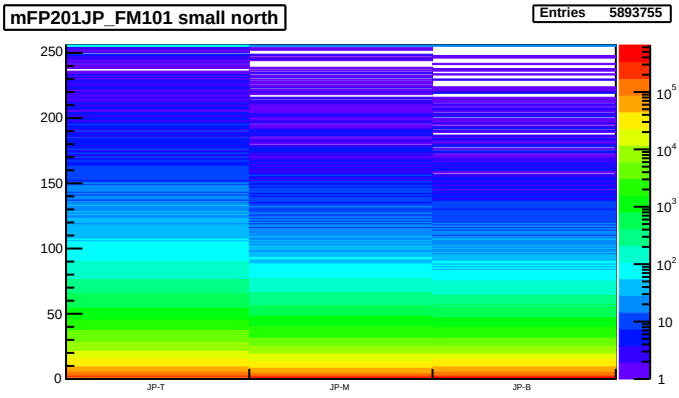

mFP201BSsim_FM102 small south
Entries 55838
3337
5806
19142
14524
13029
BS3
BS2
BS1-T
BS1-M
BS1-B

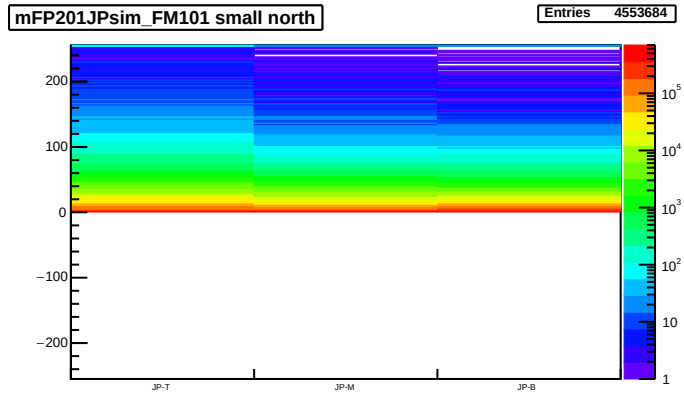

mFP201BS_FM103 large north
Entries 9822925
5358
32250
53005
48020
33425
1.95923e+06
1.93234e+06
1.91158e+06
1.91656e+06
1.93116e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

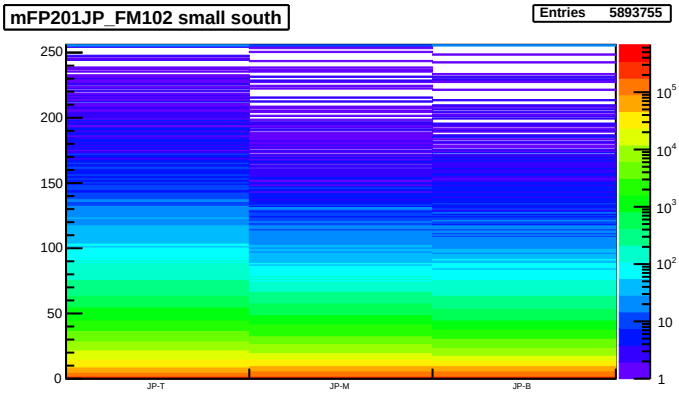

mFP201BSsim_FM103 large north
Entries 172058
5358
32250
53005
48020
33425
BS3
BS2
BS1-T
BS1-M
BS1-B

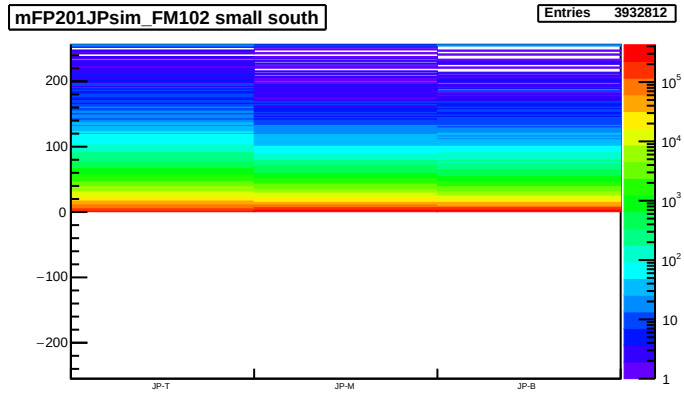

mFP201BS_FM104 large south
Entries 9822925
843
14440
32667
2685
206
1.96374e+06
1.95014e+06
1.93192e+06
1.9619e+06
1.96438e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

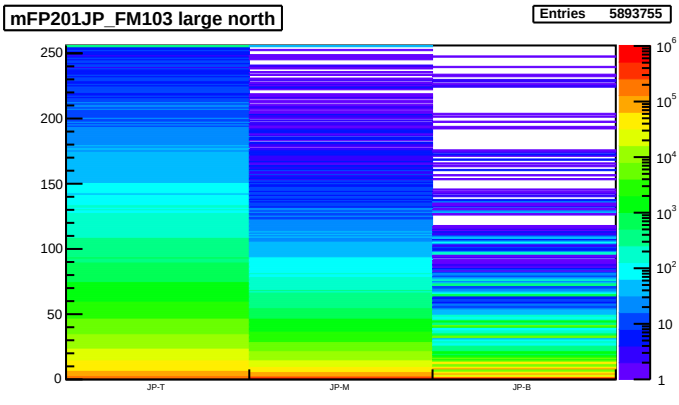

mFP201BSsim_FM104 large south
Entries 50841
843
14440
32667
2685
206
BS3
BS2
BS1-T
BS1-M
BS1-B

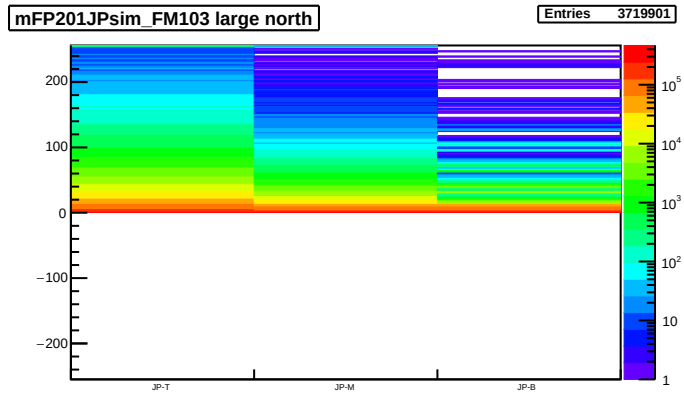

mFP201JP_FM101 small north
Entries 5893755
JP-T
JP-M
JP-B

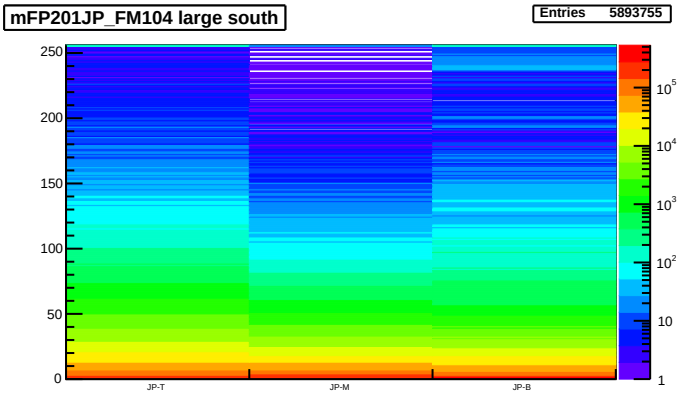

mFP201JPsim_FM101 small north
Entries 4553684
JP-T
JP-M
JP-B

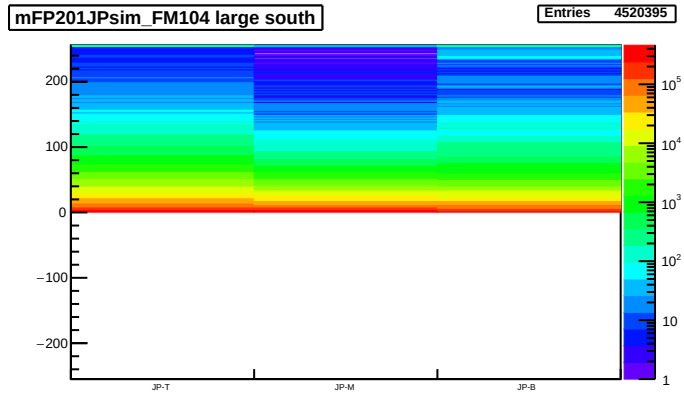

mFP201JP_FM102 small south
Entries 5893755
JP-T
JP-M
JP-B

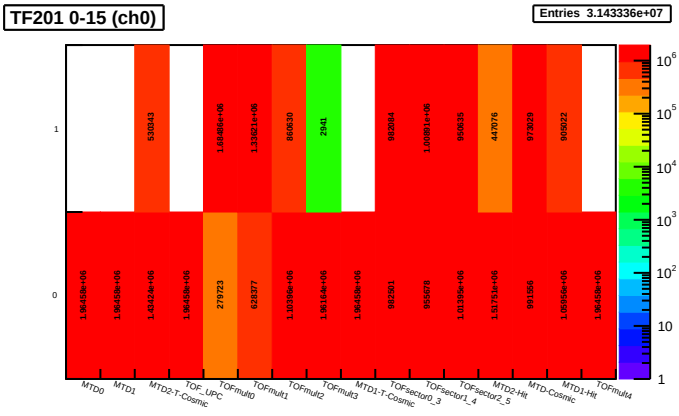

mFP201JPsim_FM102 small south
Entries 3932812
JP-T
JP-M
JP-B

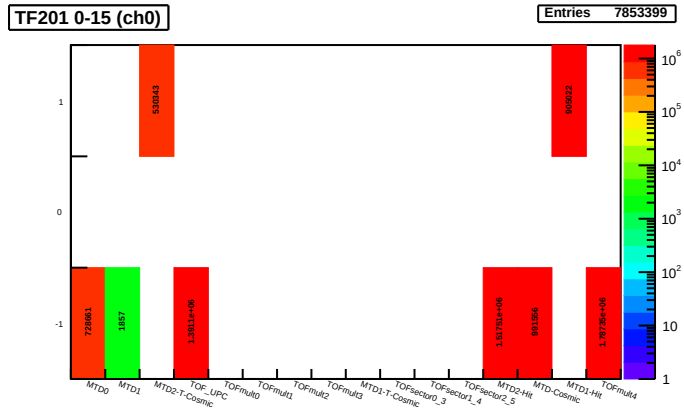

mFP201JP_FM103 large north
Entries 5893755
JP-T
JP-M
JP-B

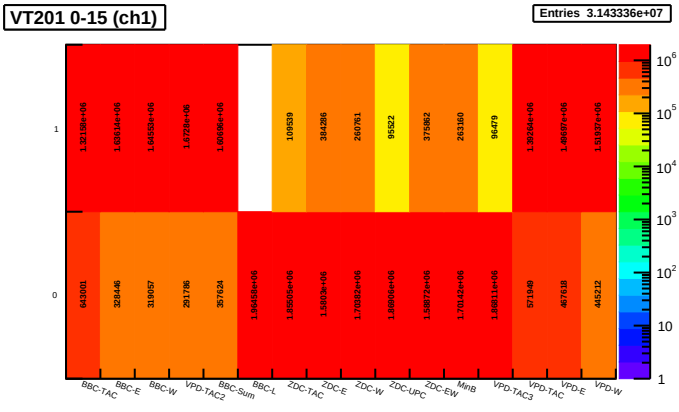

mFP201JPsim_FM103 large north
Entries 3719901
JP-T
JP-M
JP-B

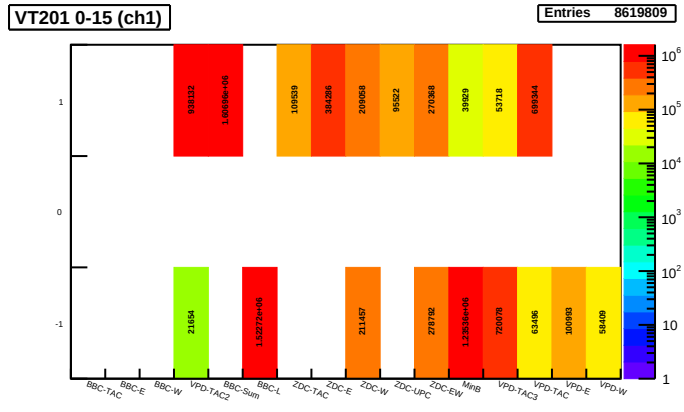

mFP201JP_FM104 large south
Entries 5893755
JP-T
JP-M
JP-B

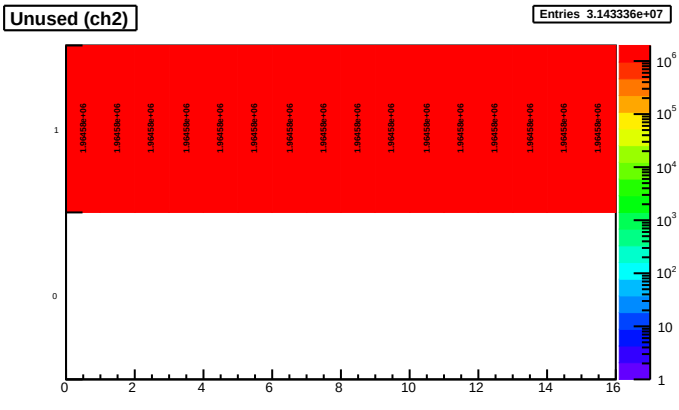

mFP201JPsim_FM104 large south
Entries 4520395
JP-T
JP-M
JP-B

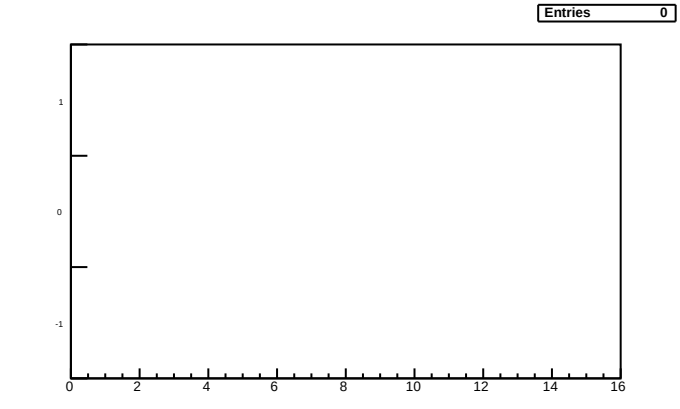

TF201 0-15 (ch0)
Entries 3.143336e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

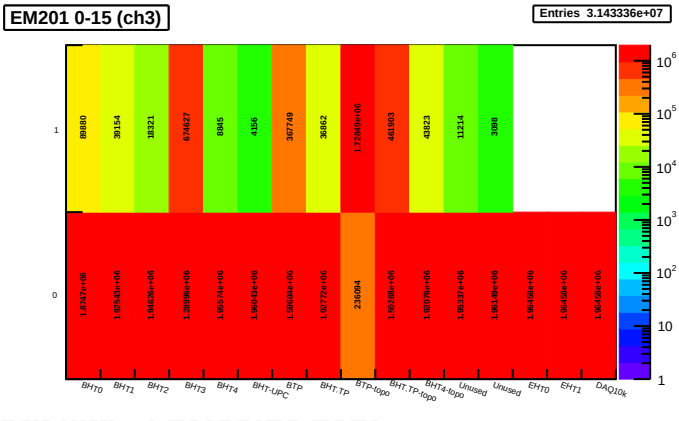

TF201 0-15 (ch0)
Entries 7853399
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

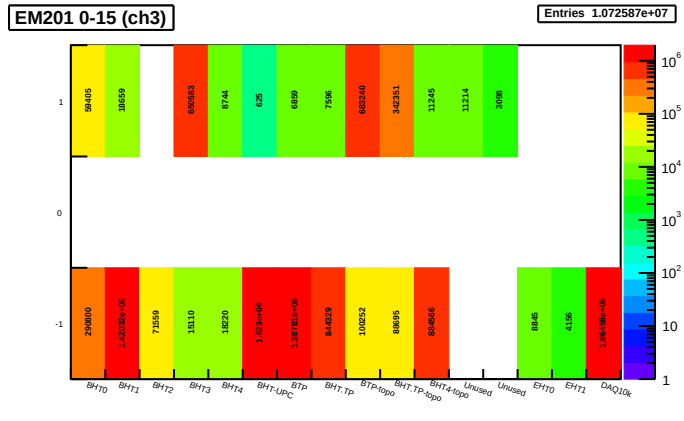

VT201 0-15 (ch1)
Entries 3.143336e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

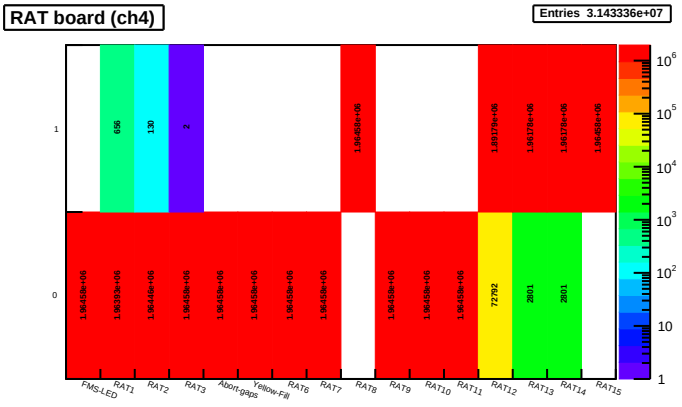

VT201 0-15 (ch1)
Entries 8619809
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

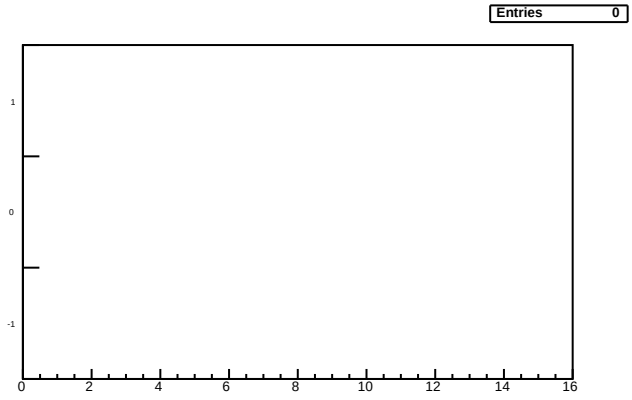

Unused (ch2)
Entries 3.143336e+07

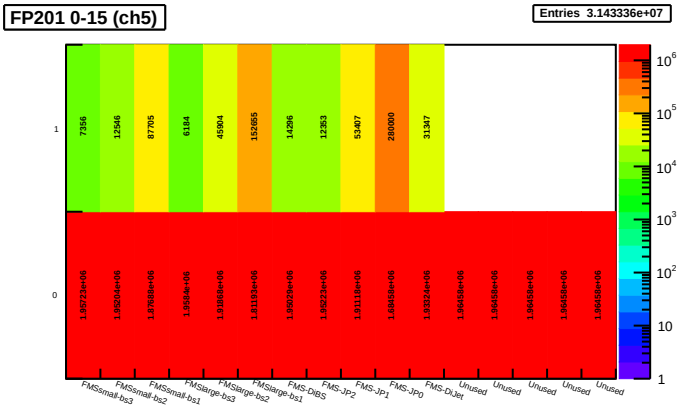

Entries 0

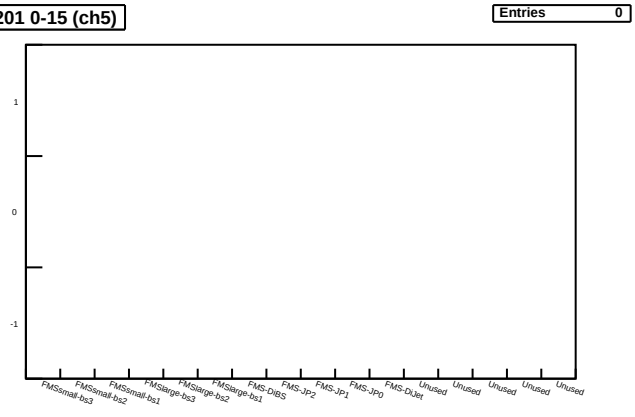

EM201 0-15 (ch3)
Entries 3.143336e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

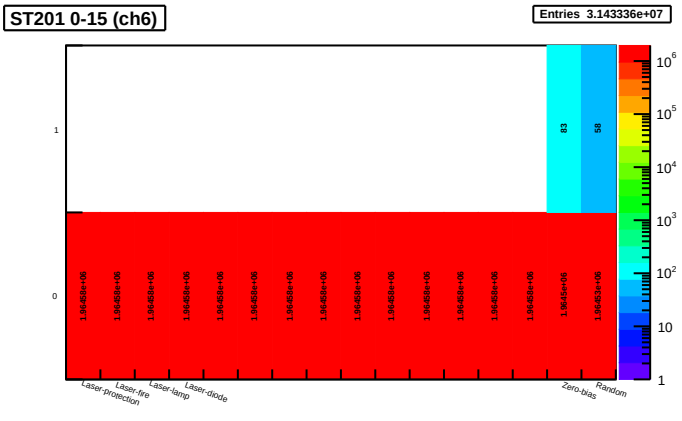

EM201 0-15 (ch3)
Entries 1.072587e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

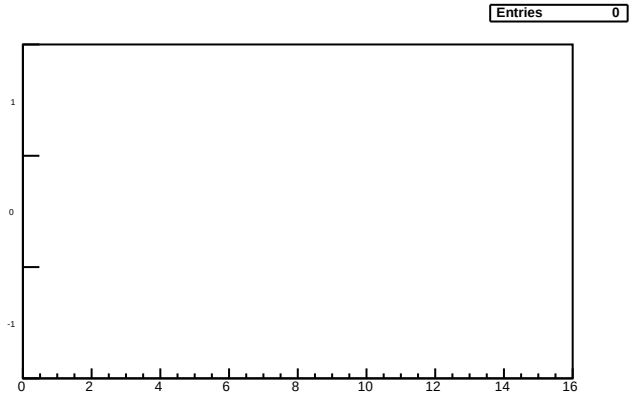

RAT board (ch4)
Entries 3.143336e+07
656
130
2
1.95458e+06
1.93178e+06
1.93178e+06
1.93178e+06
1.95458e+06
1.95393e+06
1.95446e+06
1.95458e+06
1.95458e+06
1.95458e+06
1.95458e+06
1.95458e+06
1.95458e+06
1.95458e+06
1.95458e+06
72792
2801
2801
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

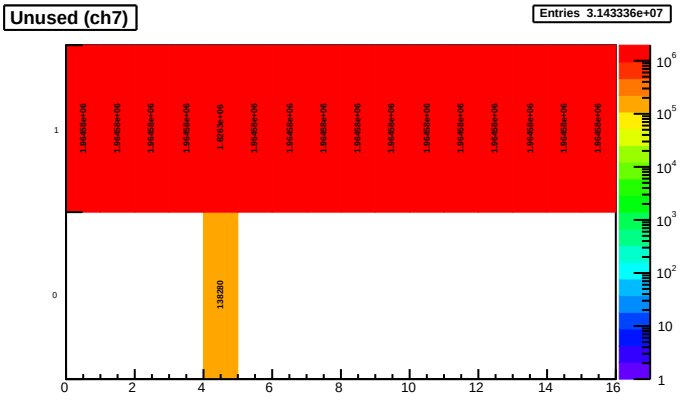

Entries 0


FP201 0-15 (ch5)
Entries 3.143336e+07
7356
12546
87705
6184
45904
152655
14296
12353
53407
280000
31347
1.95723e+06
1.95304e+06
1.87689e+06
1.9584e+06
1.91969e+06
1.81193e+06
1.95029e+06
1.95223e+06
1.91118e+06
1.69938e+06
1.93324e+06
1.96458e+06
1.96458e+06
1.96458e+06
1.96458e+06
1.96458e+06
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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


ST201 0-15 (ch6)
Entries 3.143336e+07
83
58
1.95458e+06
1.95458e+06
1.95458e+06
1.95458e+06
1.95458e+06
1.95458e+06
1.95458e+06
1.95458e+06
1.95458e+06
1.95458e+06
1.95458e+06
1.95458e+06
1.95458e+06
1.9545e+06
1.95453e+06
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 3.143336e+07
1.96458e+06
1.96458e+06
1.96458e+06
1.96458e+06
1.8263e+06
1.96458e+06
1.96458e+06
1.96458e+06
1.96458e+06
1.96458e+06
1.96458e+06
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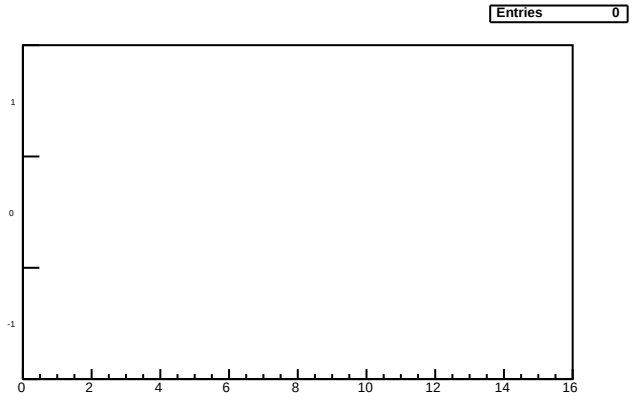
1.96458e+06
138280


Entries 0