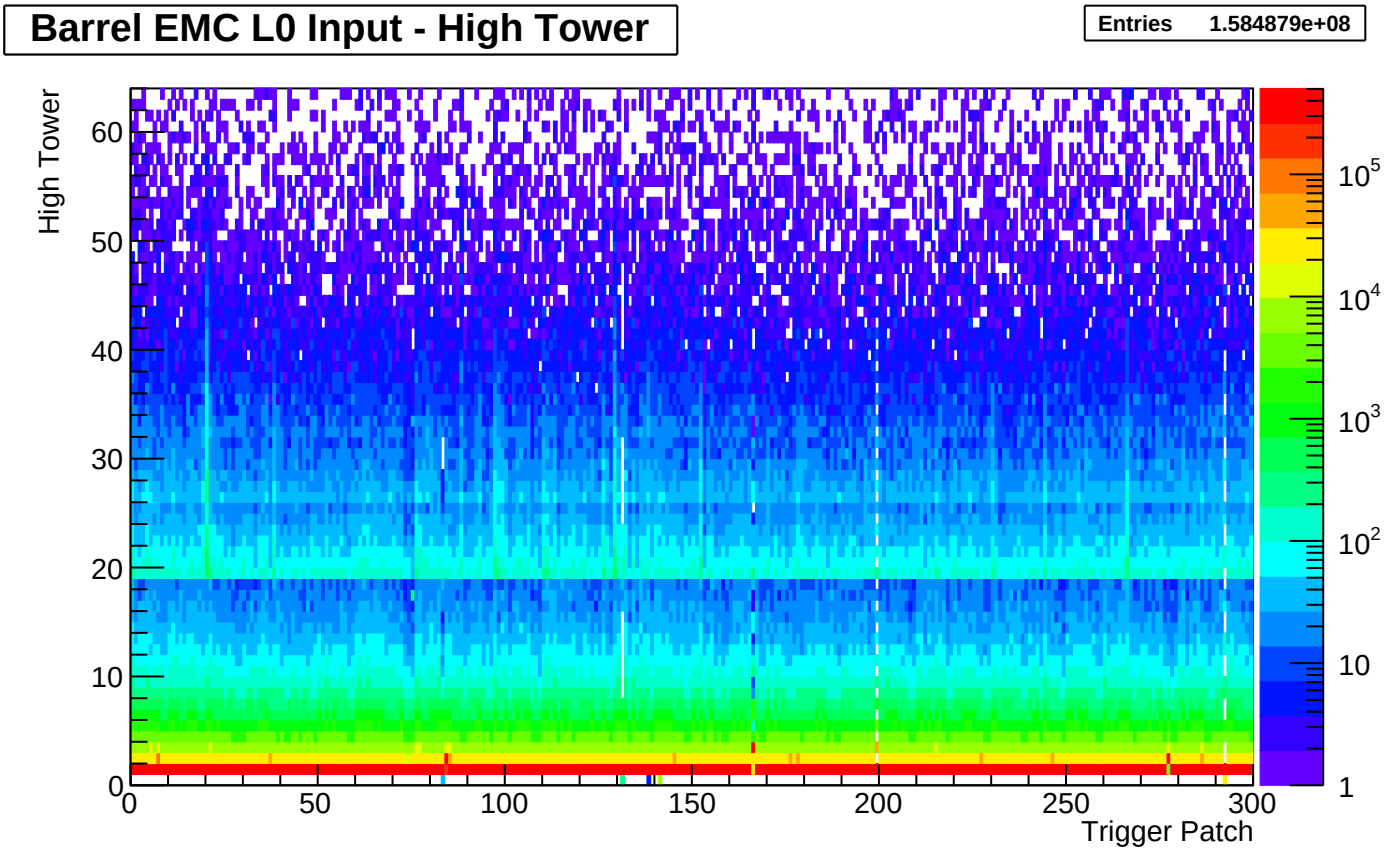
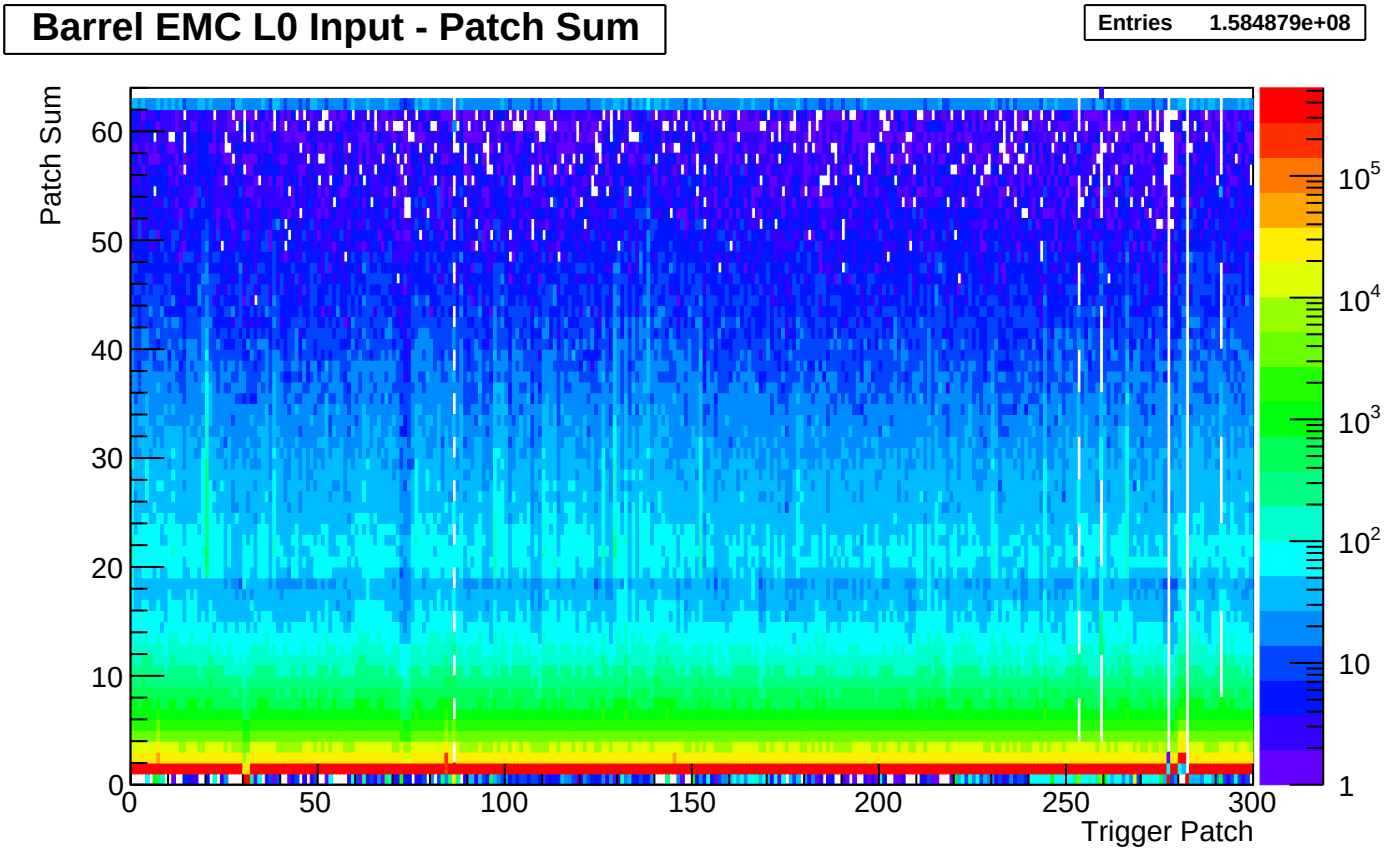
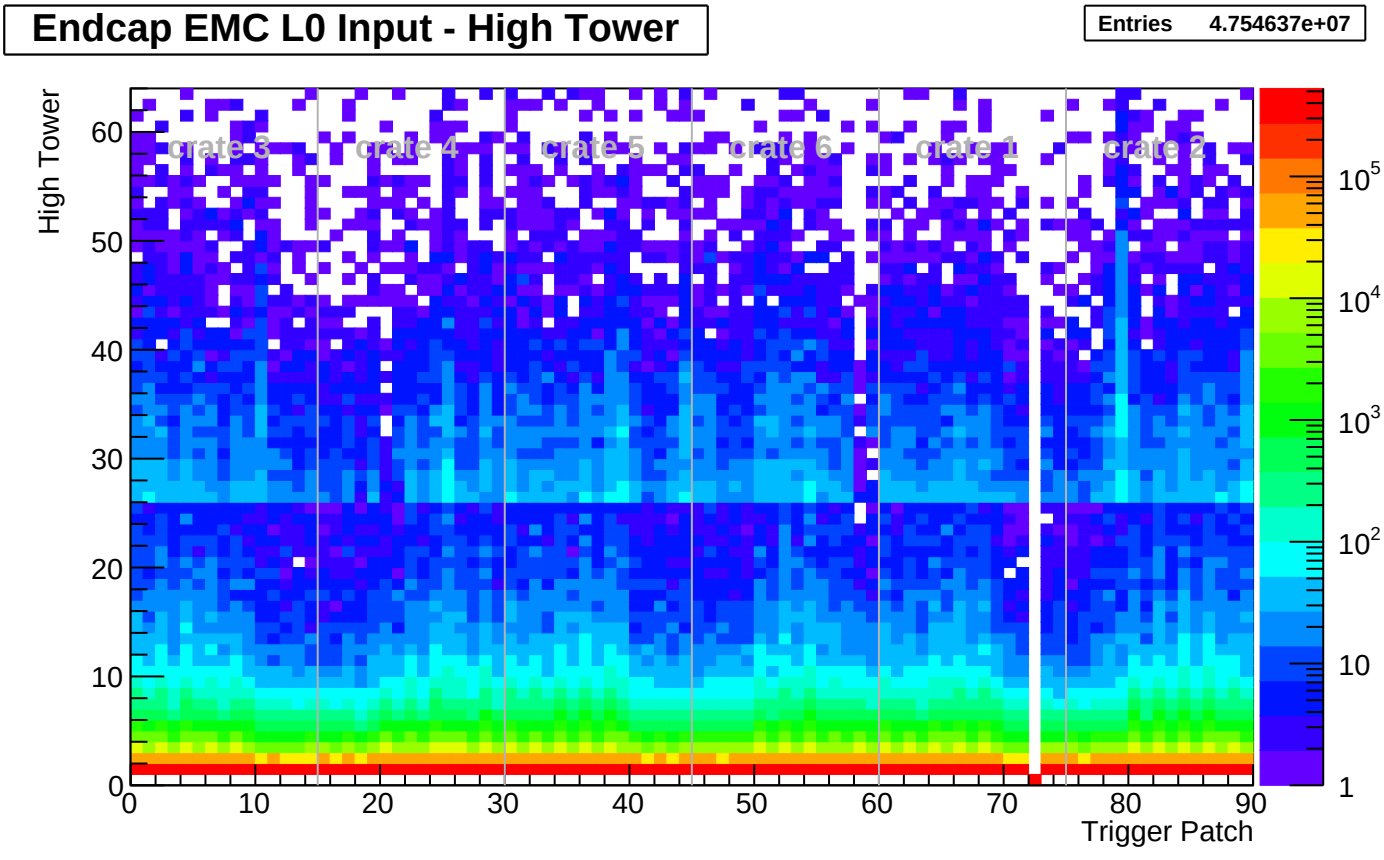
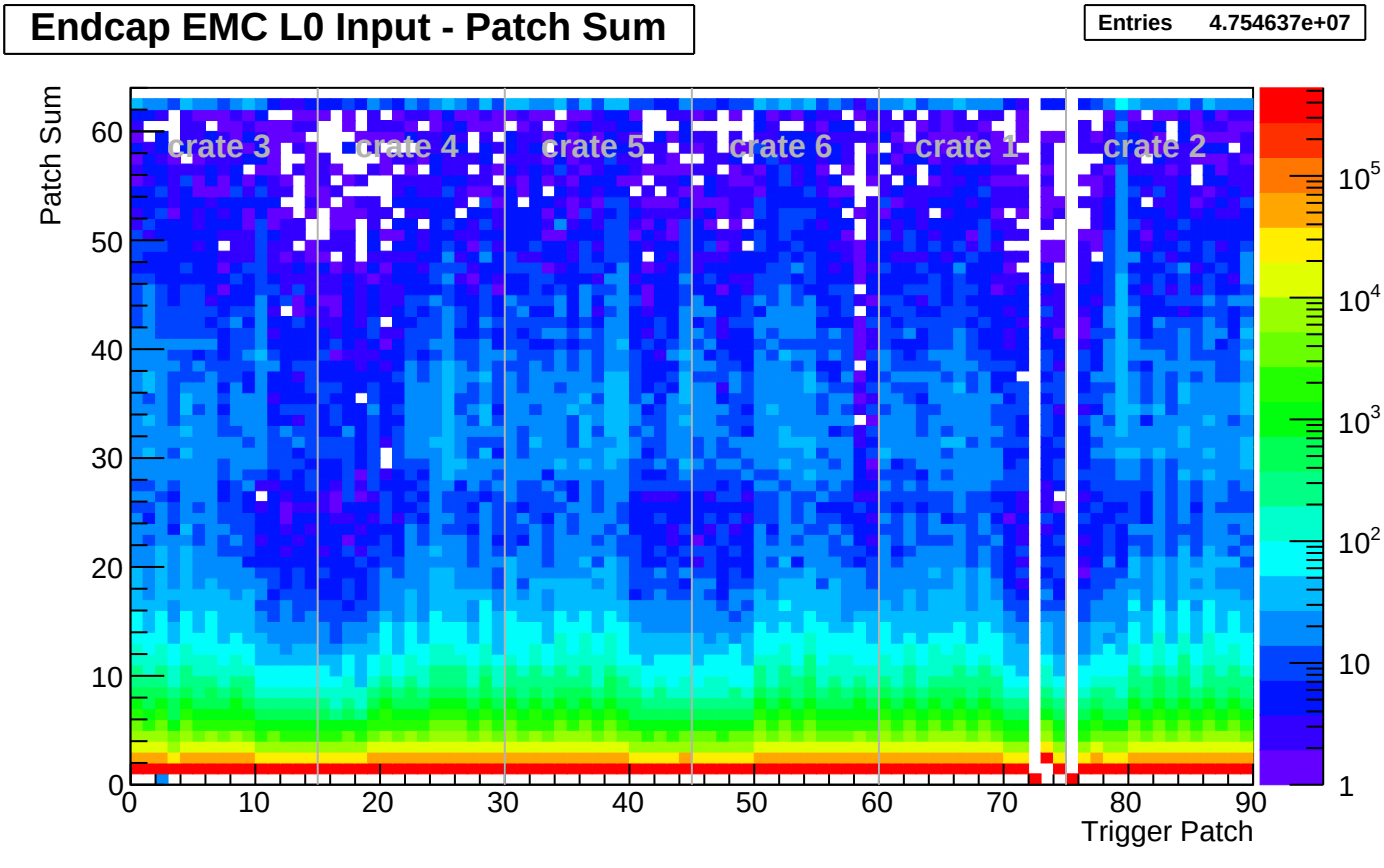
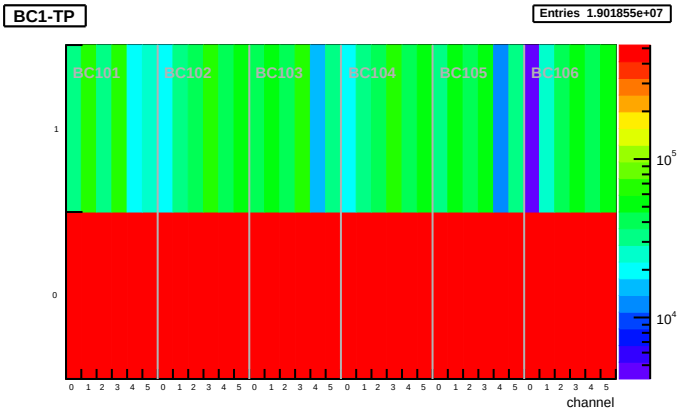
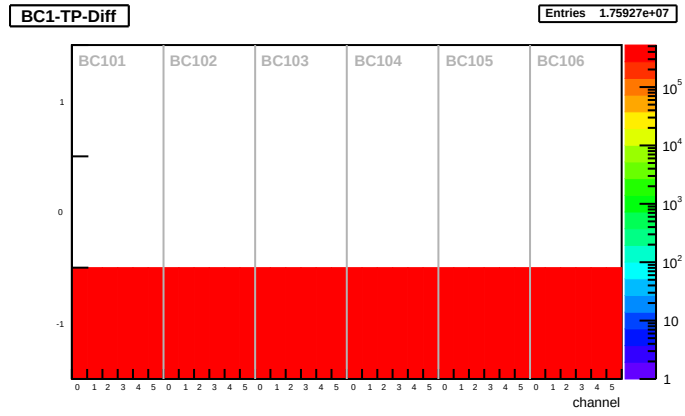

Barrel EMC L0 Input - High Tower
Entries 1.584879e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

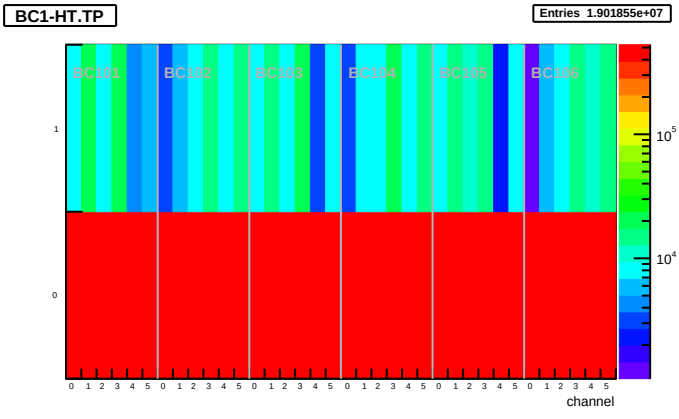

Barrel EMC L0 Input - Patch Sum
Entries 1.584879e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

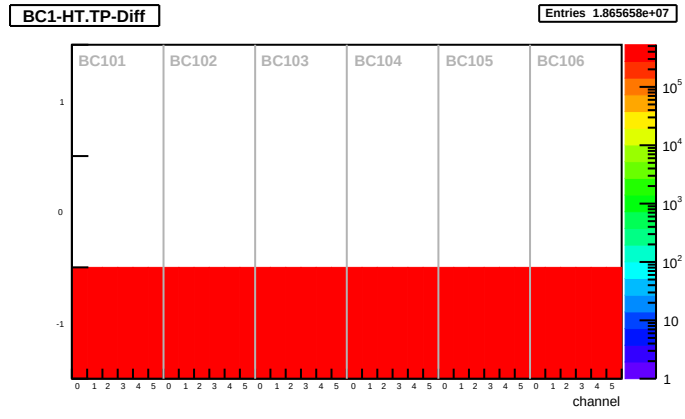

Endcap EMC L0 Input - High Tower
Entries 4.754637e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

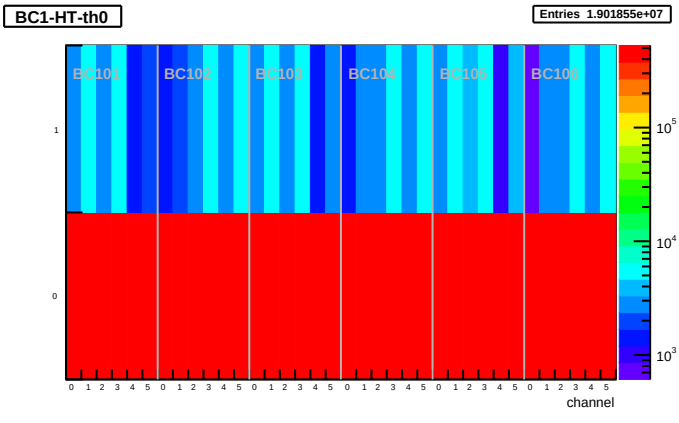

Endcap EMC L0 Input - Patch Sum
Entries 4.754637e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

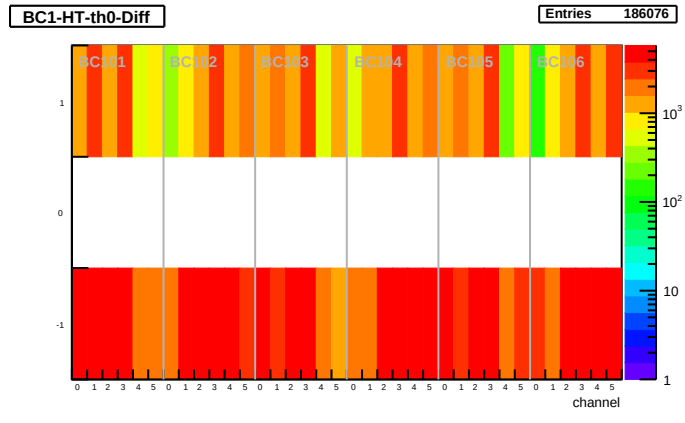

BC1-TP
Entries 1.901855e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

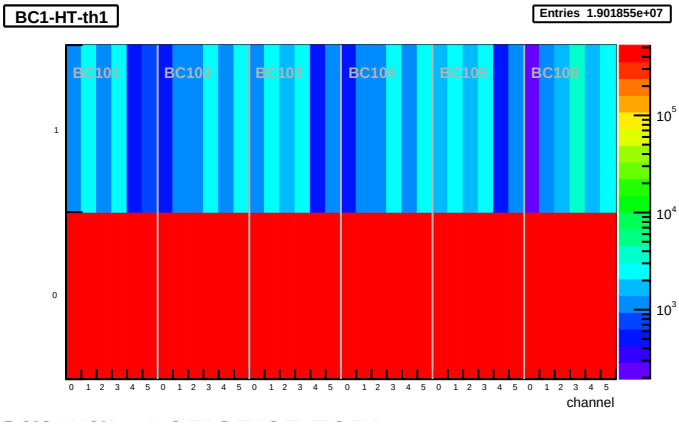

BC1-TP-Diff
Entries 1.75927e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

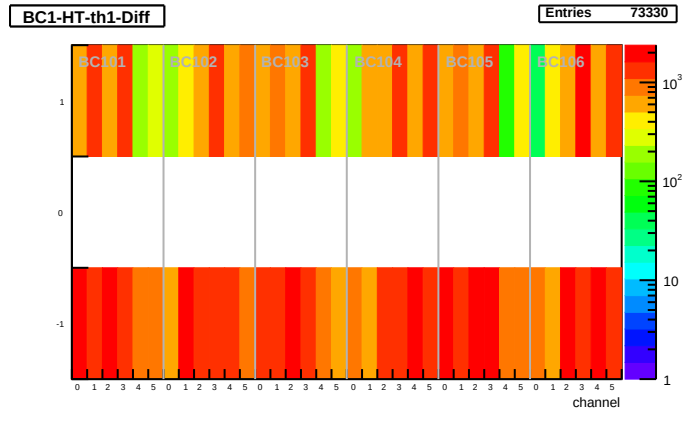

BC1-HT.TP
Entries 1.901855e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

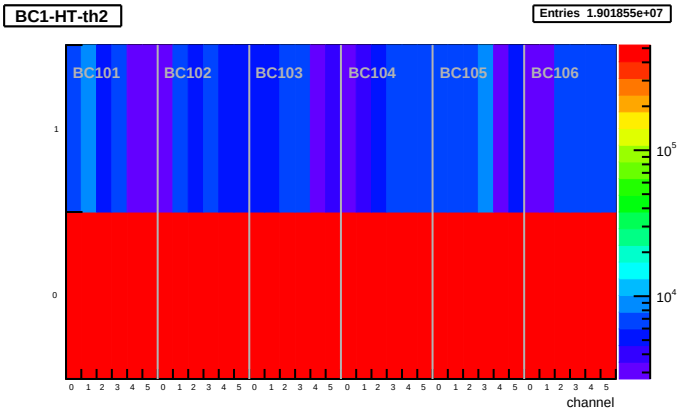

BC1-HT.TP-Diff
Entries 1.865658e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

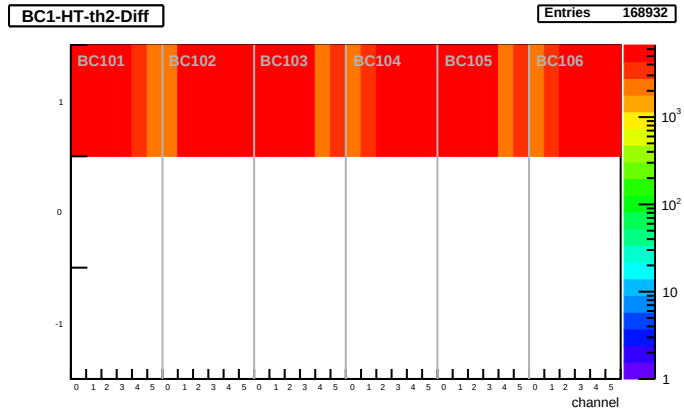

BC1-HT-th0
Entries 1.901855e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

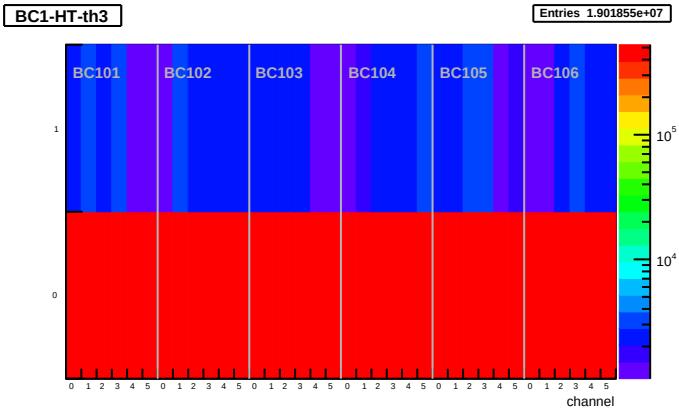

BC1-HT-th0-Diff
Entries 186076
BC101
BC102
BC103
BC104
BC105
BC106
channel

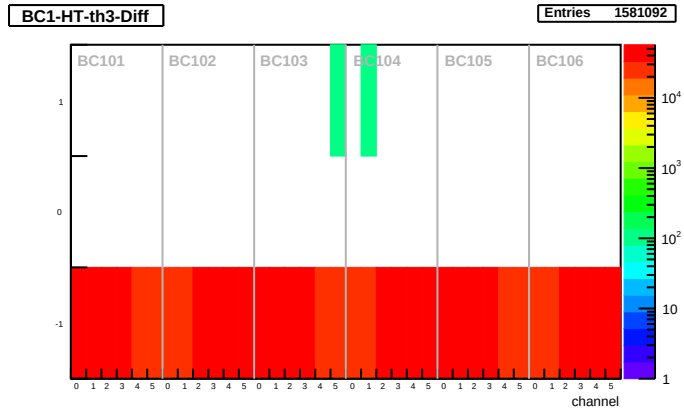

BC1-HT-th1
Entries 1.901855e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

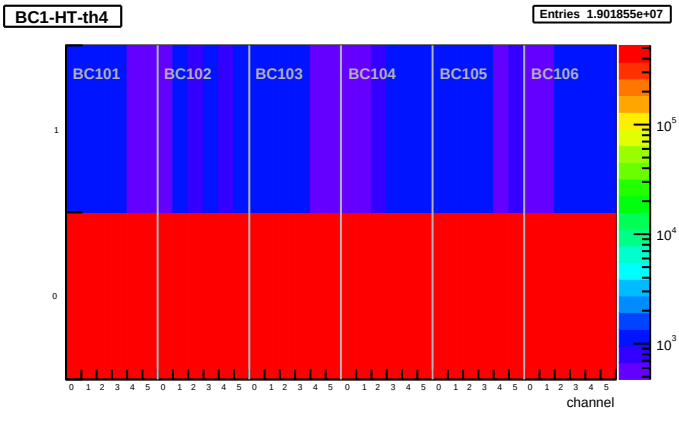

BC1-HT-th1-Diff
Entries 73330
BC101
BC102
BC103
BC104
BC105
BC106
channel

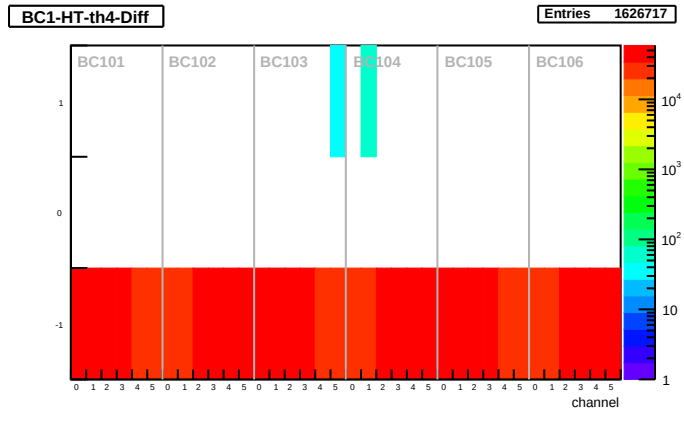

BC1-HT-th2
Entries 1.901855e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

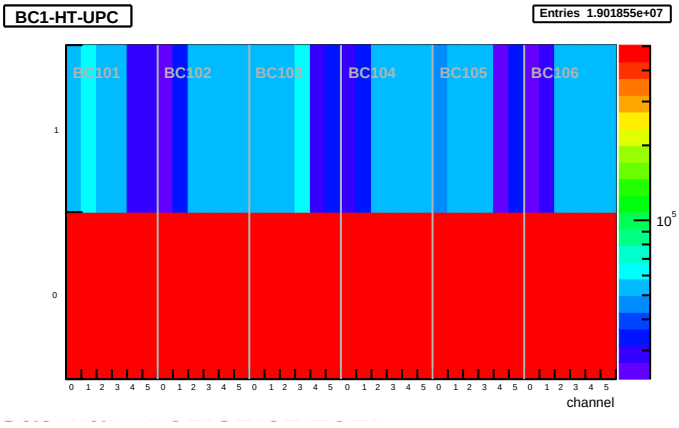

BC1-HT-th2-Diff
Entries 168932
BC101
BC102
BC103
BC104
BC105
BC106
channel

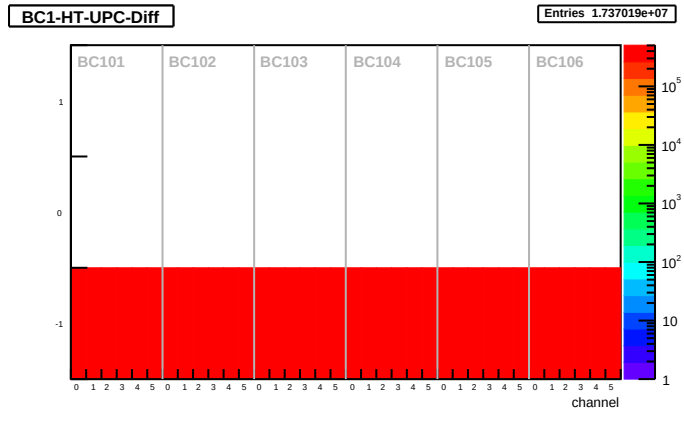

BC1-HT-th3
Entries 1.901855e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

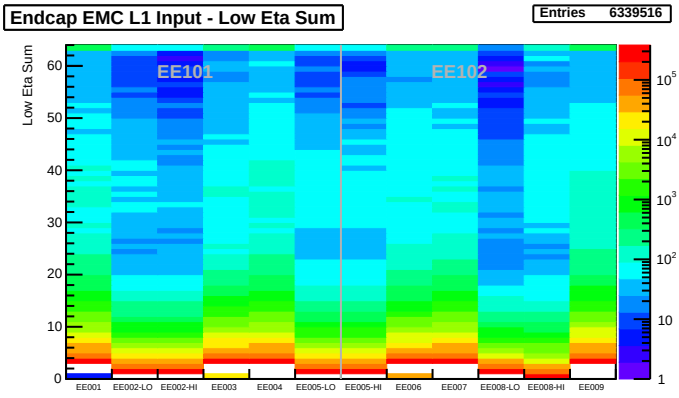

BC1-HT-th3-Diff
Entries 1581092
BC101
BC102
BC103
BC104
BC105
BC106
channel

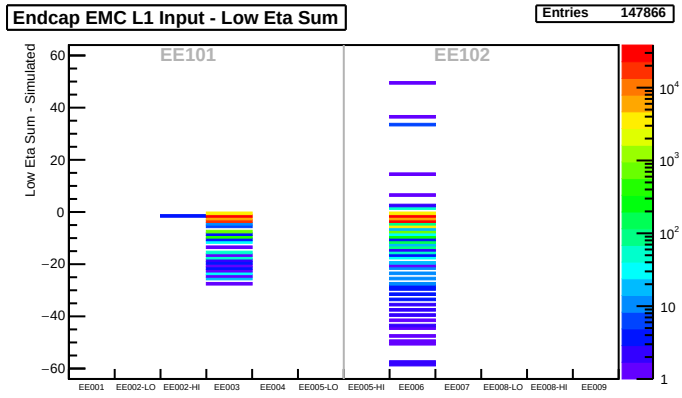

BC1-HT-th4
Entries 1.901855e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

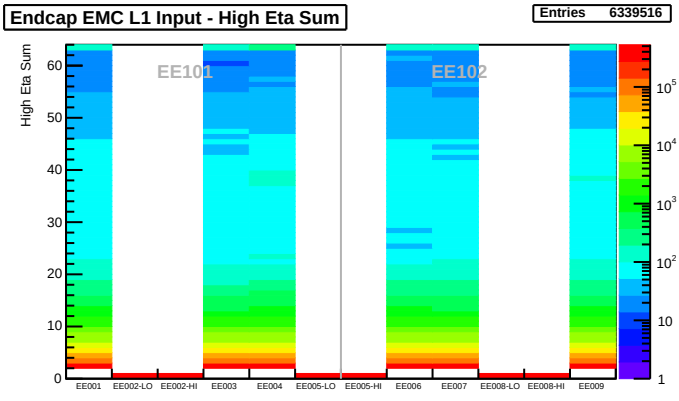

BC1-HT-th4-Diff
Entries 1626717
BC101
BC102
BC103
BC104
BC105
BC106
channel

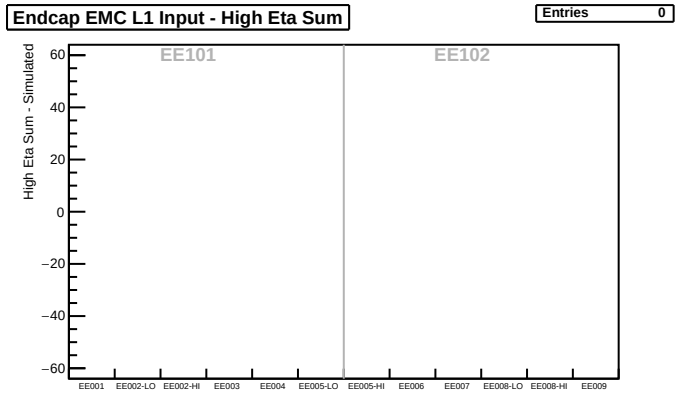

BC1-HT-UPC
Entries 1.901855e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

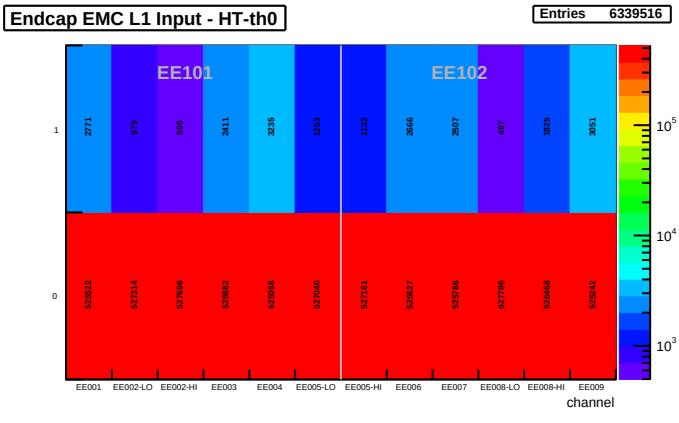

BC1-HT-UPC-Diff
Entries 1.737019e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

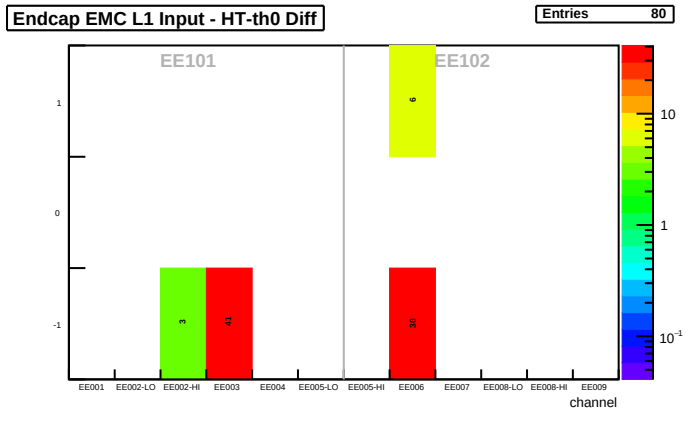

Endcap EMC L1 Input - Low Eta Sum
Entries 6339516
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

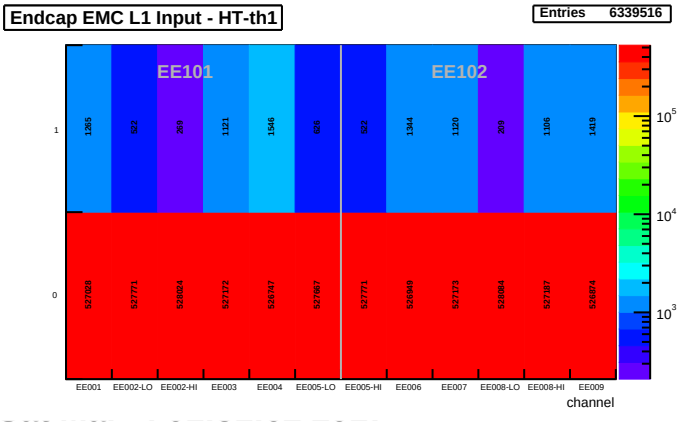

Endcap EMC L1 Input - Low Eta Sum
Entries 147866
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

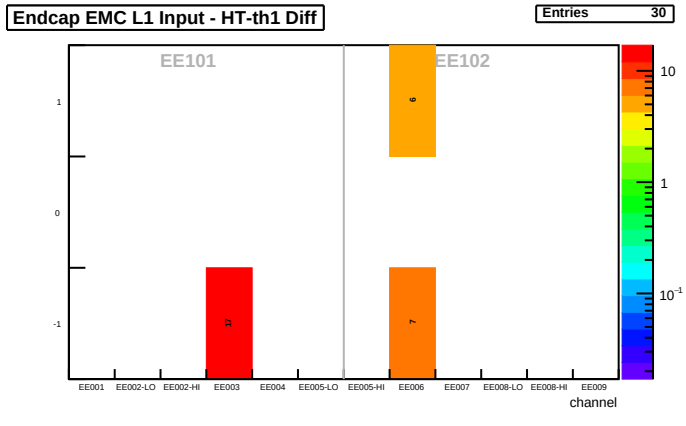

Endcap EMC L1 Input - High Eta Sum
Entries 6339516
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

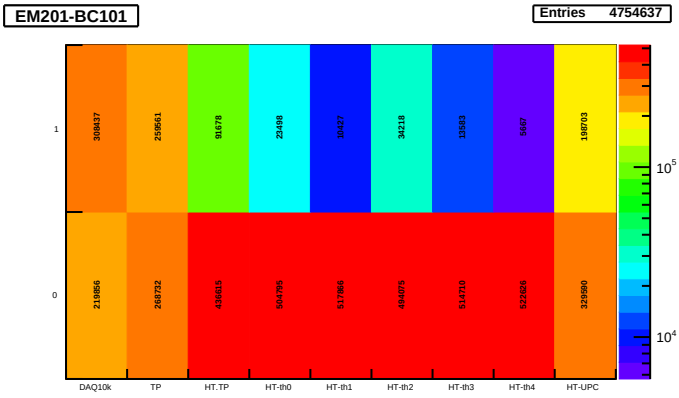

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

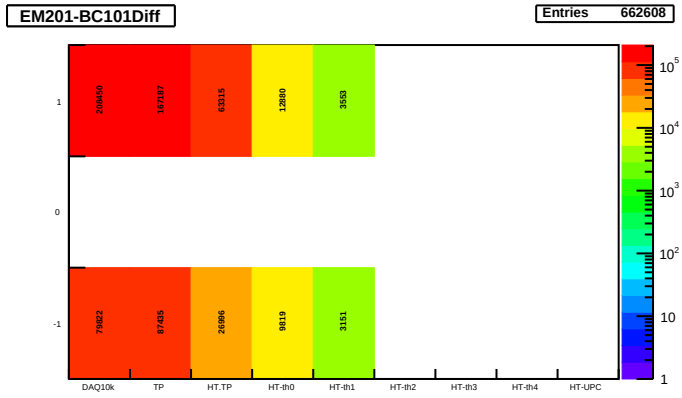

Endcap EMC L1 Input - HT-th0
Entries 6339516
EE101
EE102
2771 979 595 2411 3235 1253 1132 2646 2507 497 1825 3051
525522 522014 523598 523882 526058 523040 527161 526527 525786 527796 529468 528242
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

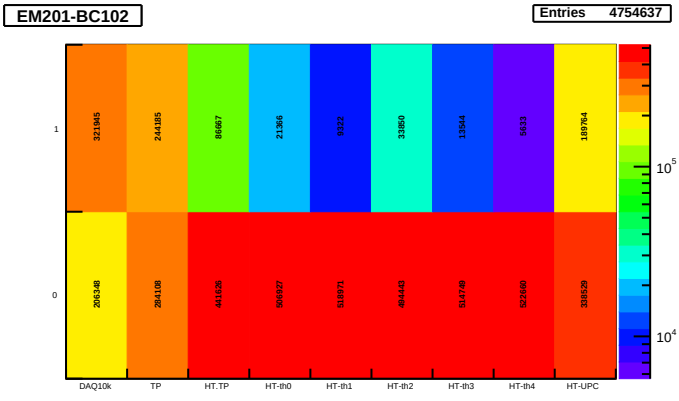

Endcap EMC L1 Input - HT-th0 Diff
Entries 80
EE101
EE102
6
3 41 30
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

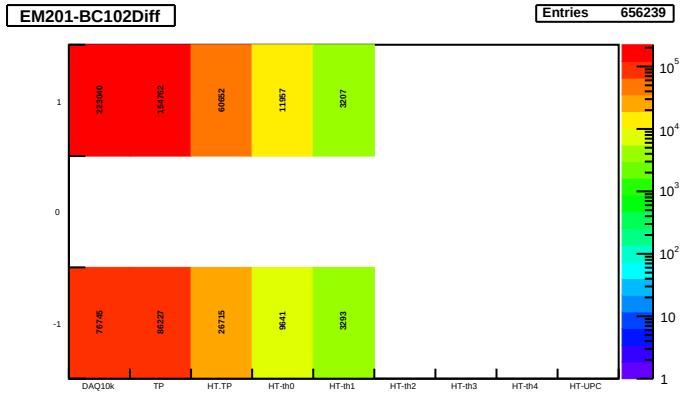

Endcap EMC L1 Input - HT-th1
Entries 6339516
EE101
EE102
1285 622 269 1121 1546 626 522 1344 1120 209 1106 1419
527628 527771 528624 527172 526747 527867 527771 526949 527173 528684 527187 526874
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

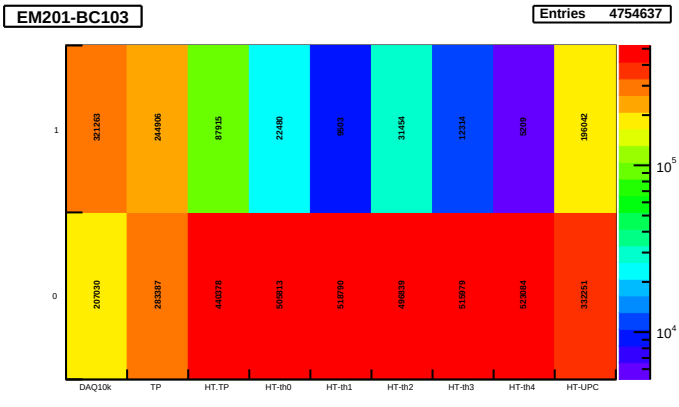

Endcap EMC L1 Input - HT-th1 Diff
Entries 30
EE101
EE102
6
17 7
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

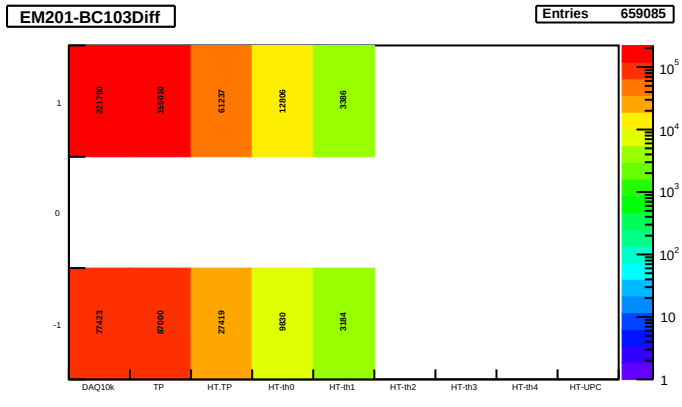

EM201-BC101
Entries 4754637
1
0
308437
259561
91578
23498
10427
34218
15983
5667
198703
219855
268732
436615
504795
517866
494075
514710
522628
329890
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

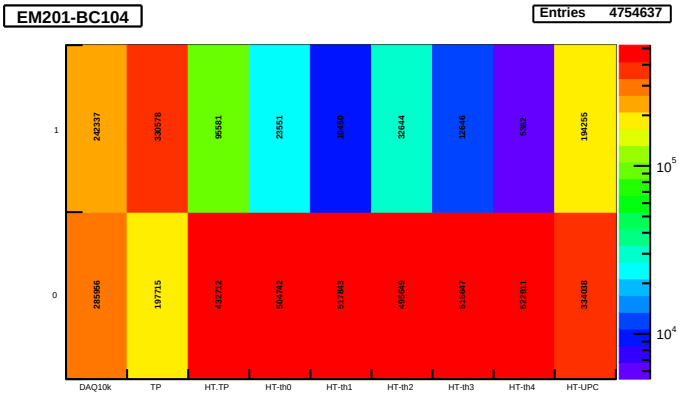

EM201-BC101Diff
Entries 662608
1
0
-1
216450
167187
63315
12880
3553
79922
87435
26986
9819
3151
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

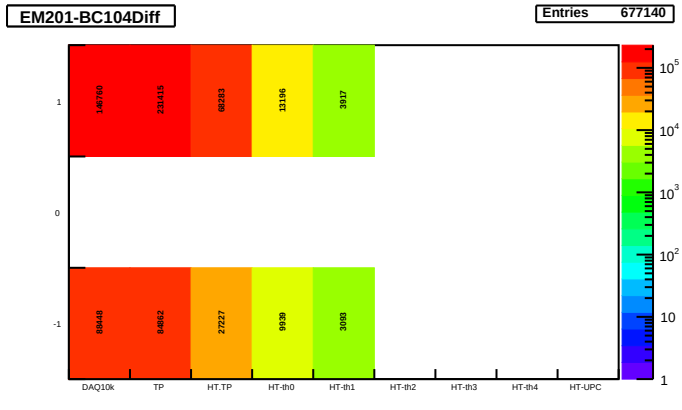

EM201-BC102
Entries 4754637
1
0
321945
244185
86667
21366
9322
33850
13544
5633
189764
206348
284108
441626
506927
518971
494443
514749
522660
330529
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 656239
1
0
-1
223040
154762
60652
11957
3207
76745
86227
26715
9641
3293
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

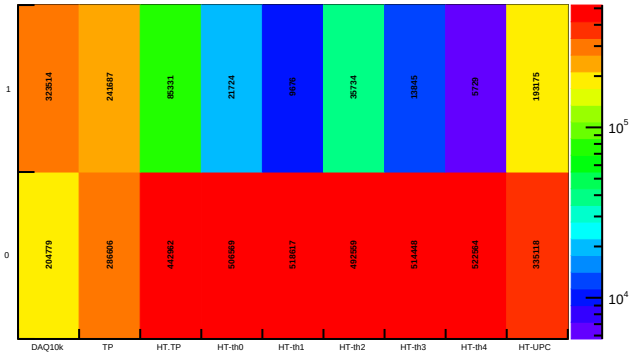

EM201-BC103
Entries 4754637
1
0
321263
244906
87915
22480
6933
31454
12314
5209
190442
207030
283387
440378
503813
518790
498339
519979
523084
332251
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 659085
1
0
-1
221790
159010
61227
12806
3386
77423
87000
27419
9830
3184
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

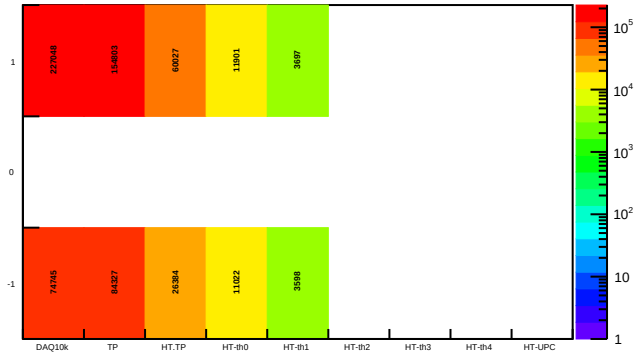

EM201-BC104
Entries 4754637
1
0
242337
30578
95501
25551
10450
32644
12646
5382
194255
265965
197715
432712
504742
517843
495649
519047
522911
334028
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 677140
1
0
-1
146760
231415
68283
13196
3917
88448
84852
27227
9939
3093
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

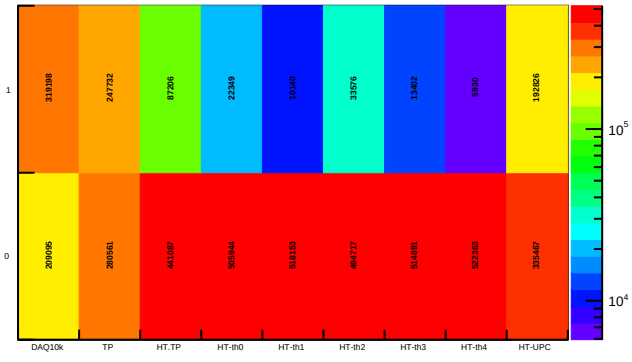
EM201-BC105 Entries 4754637



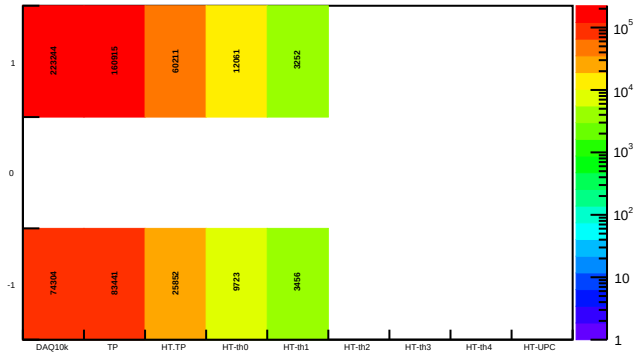
EM201-BC105Diff Entries 657552



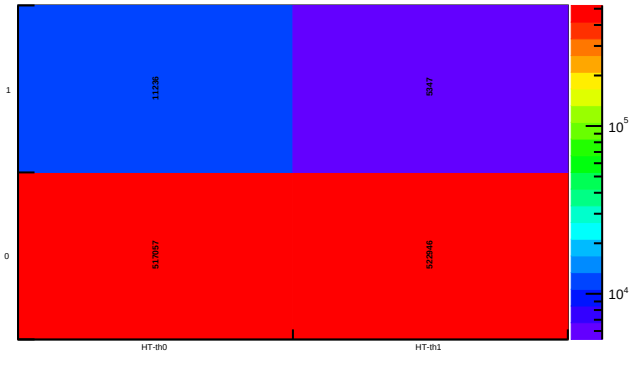
EM201-BC106 Entries 4754637



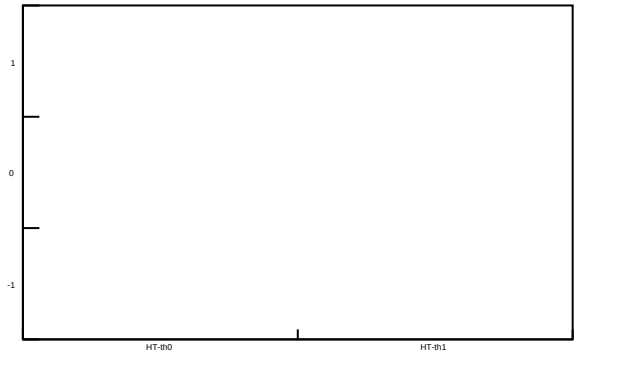
EM201-BC106Diff Entries 656459



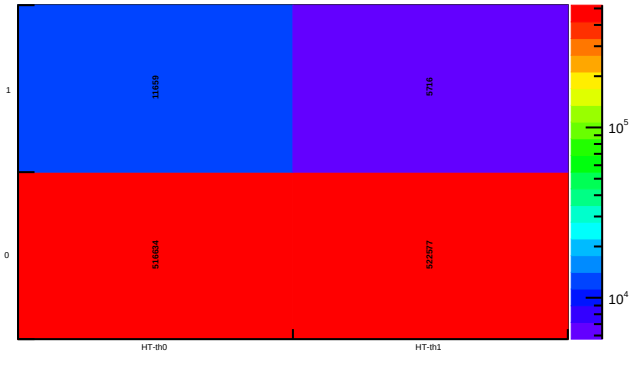
EM201-EE101 Entries 1056586



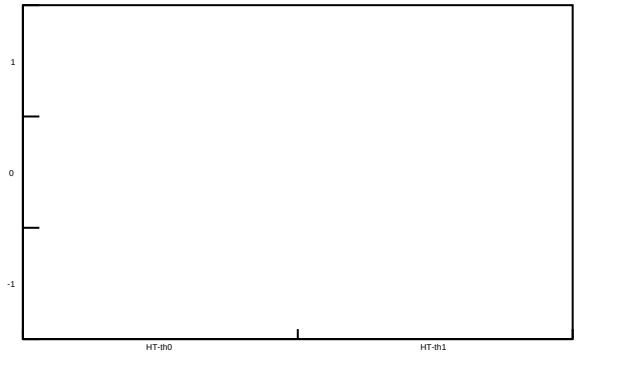
EM201-EE101Diff Entries 0

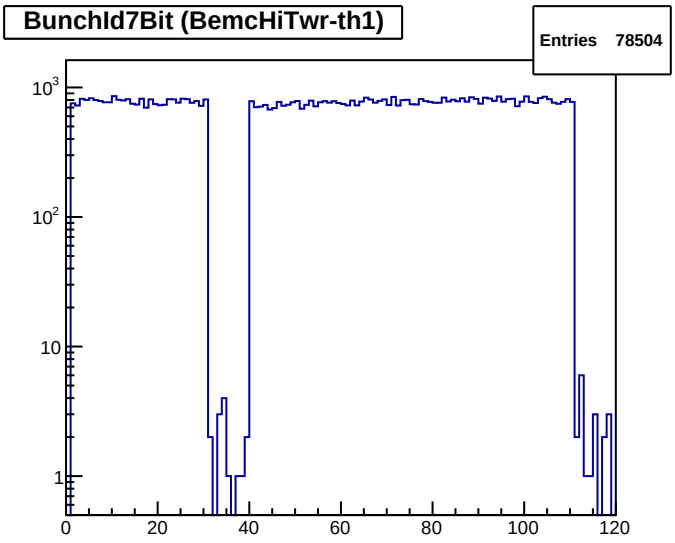


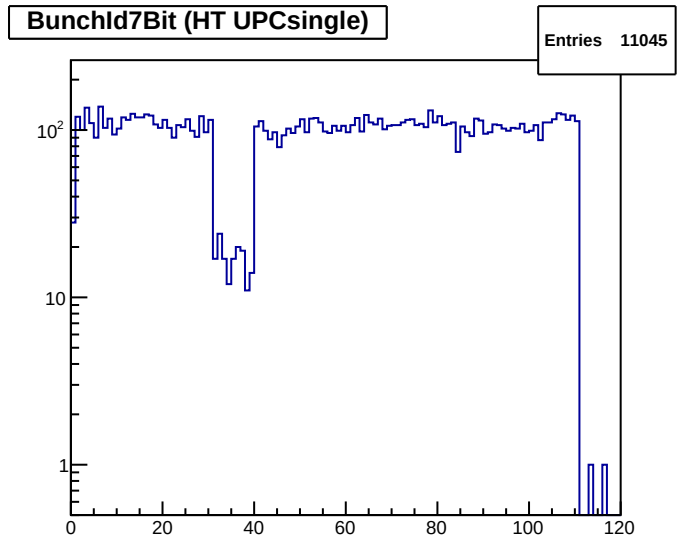
EM201-EE102 Entries 1056586

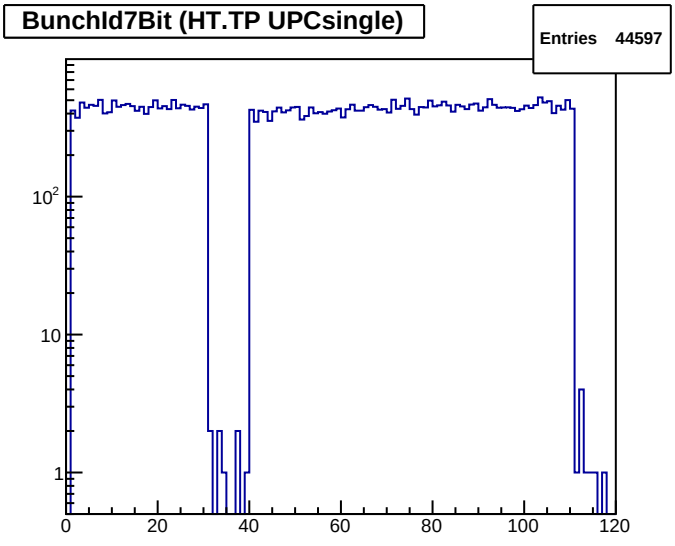


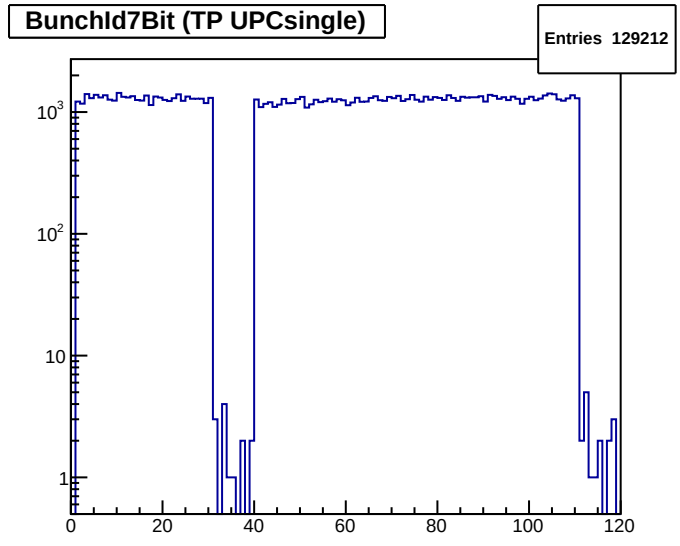
EM201-EE102Diff Entries 0

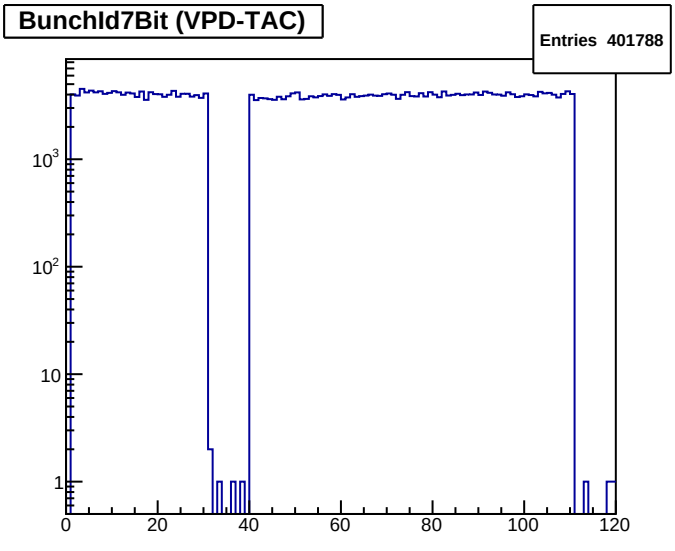


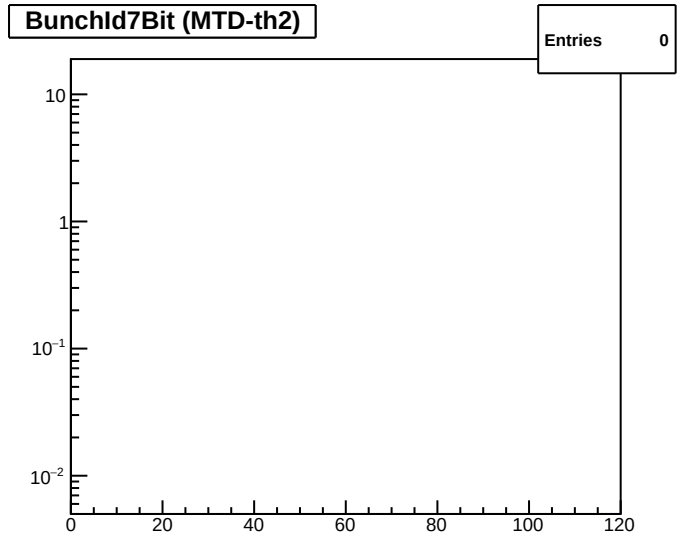

BunchId7Bit (BemcHiTwr-th1)
Entries 78504

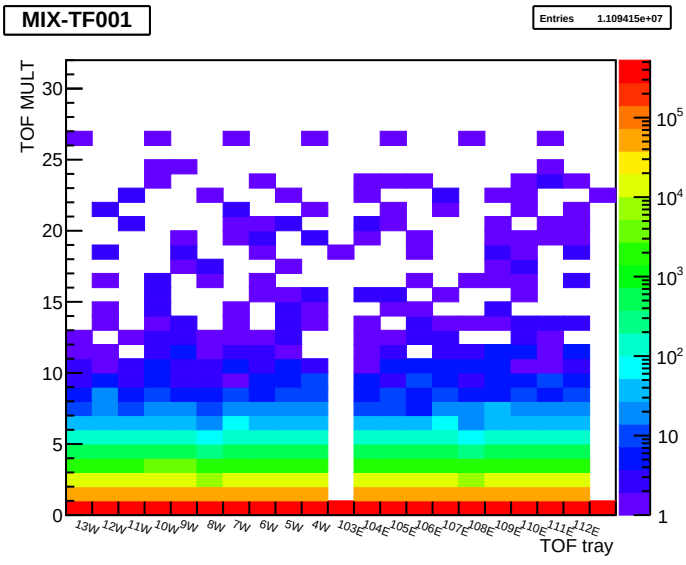

BunchId7Bit (HT UPCsingle)
Entries 11045

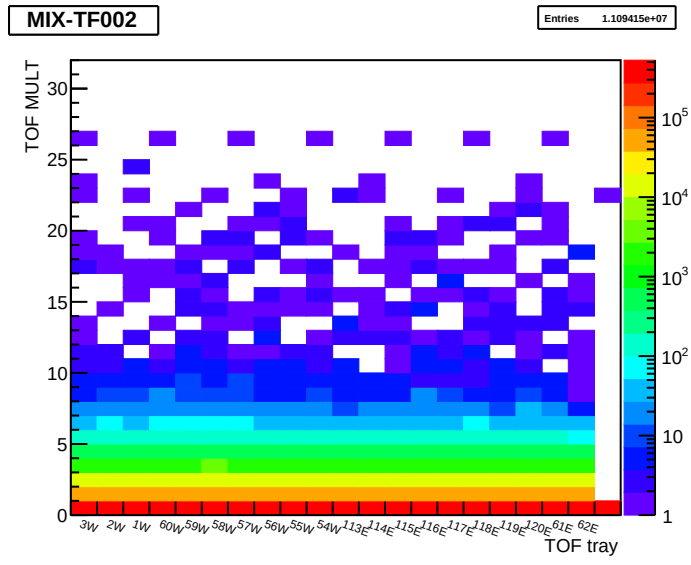

BunchId7Bit (HT.TP UPCsingle)
Entries 44597

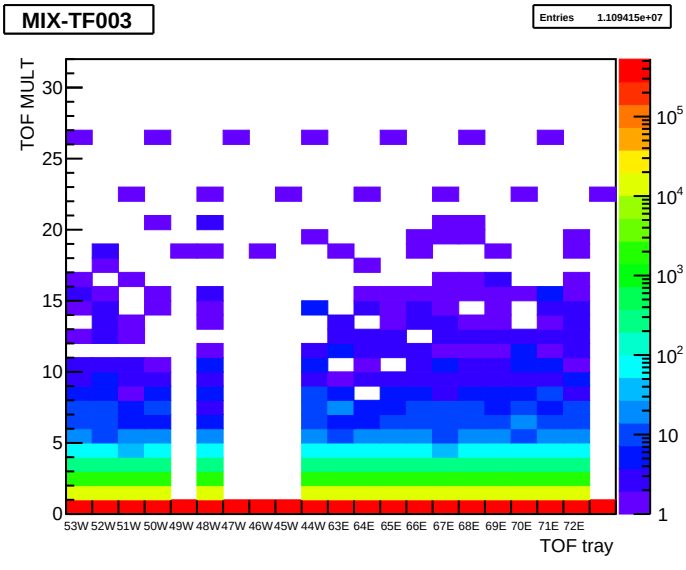

BunchId7Bit (TP UPCsingle)
Entries 129212

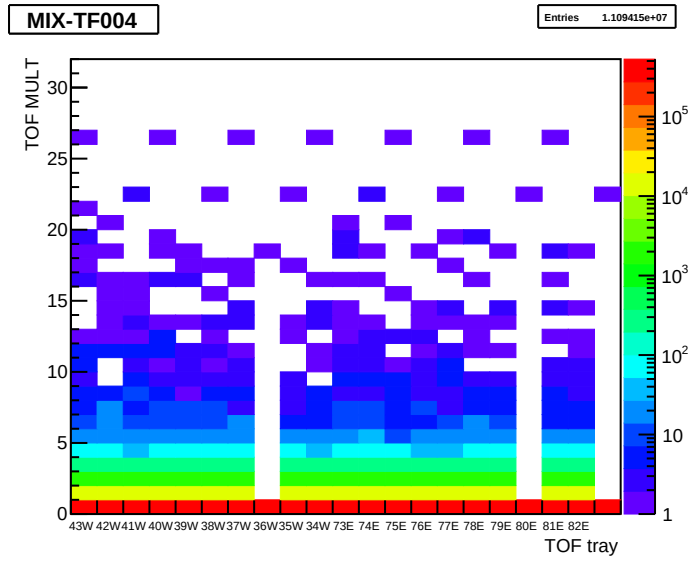

BunchId7Bit (VPD-TAC)
Entries 401788

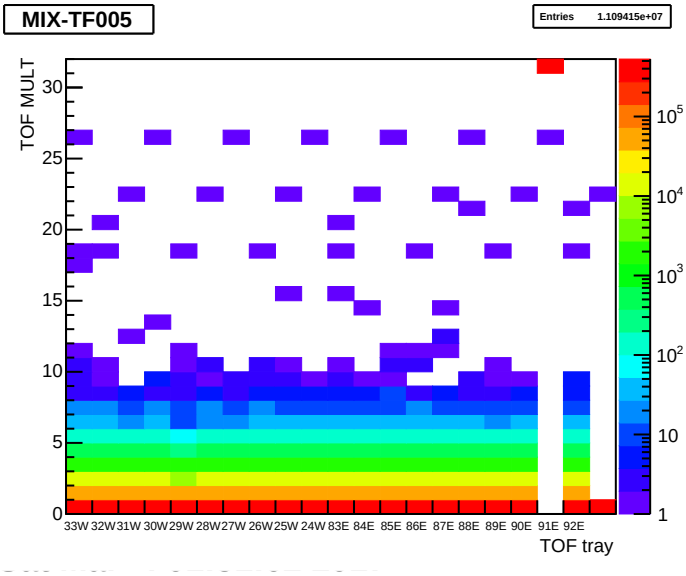

BunchId7Bit (MTD-th2)
Entries 0

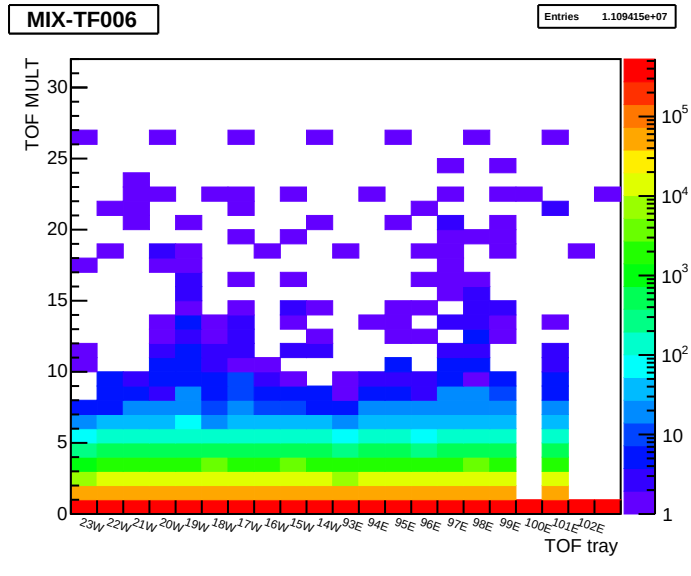

MIX-TF001
Entries 1.109415e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

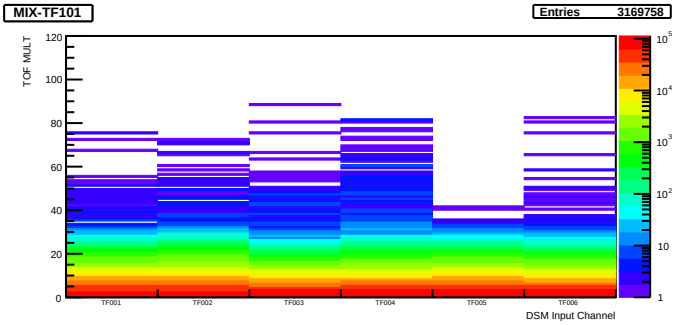

MIX-TF002
Entries 1.109415e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

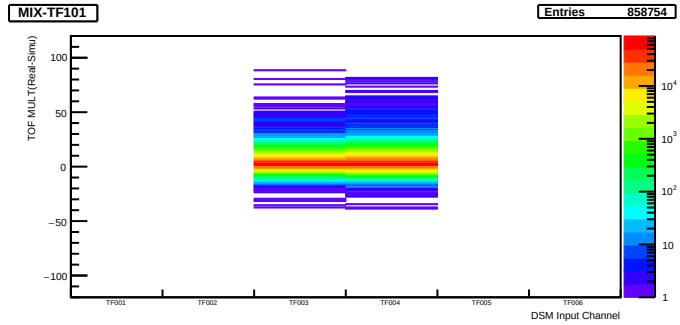

MIX-TF003
Entries 1.109415e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

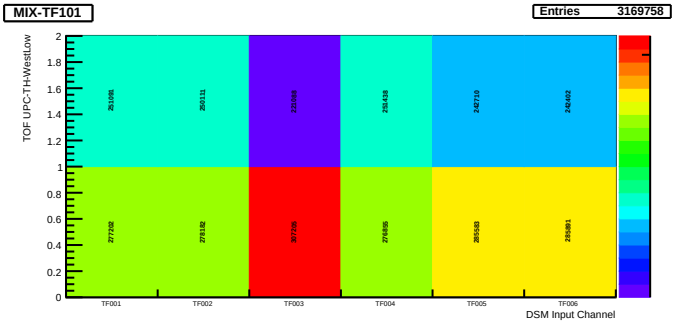

MIX-TF004
Entries 1.109415e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

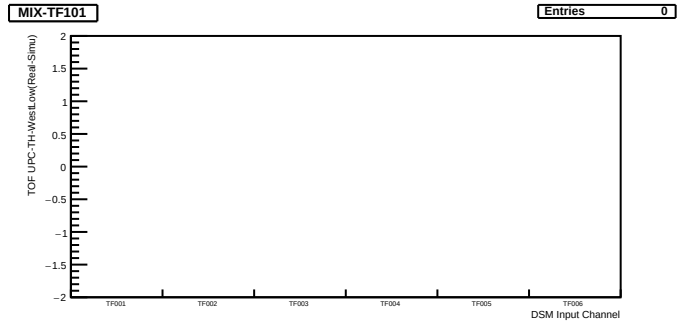

MIX-TF005
Entries 1.109415e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

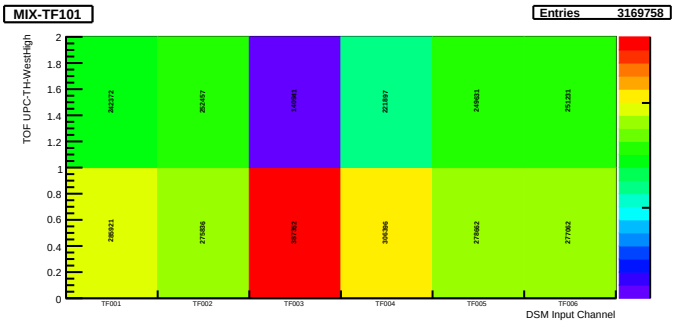

MIX-TF006
Entries 1.109415e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

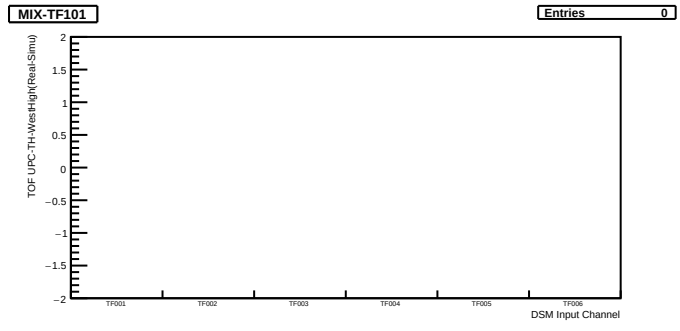

MIX-TF101
Entries 3169758
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

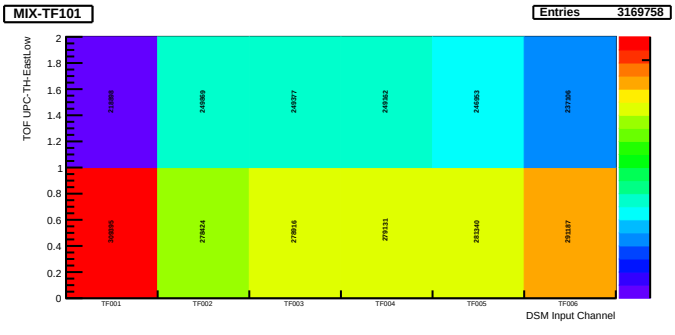

MIX-TF101
Entries 858754
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

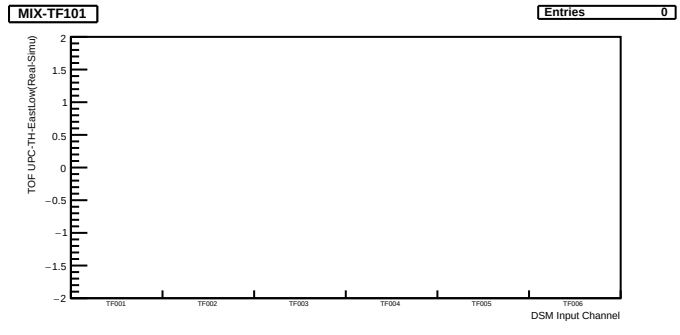

MIX-TF101
Entries 3169758
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

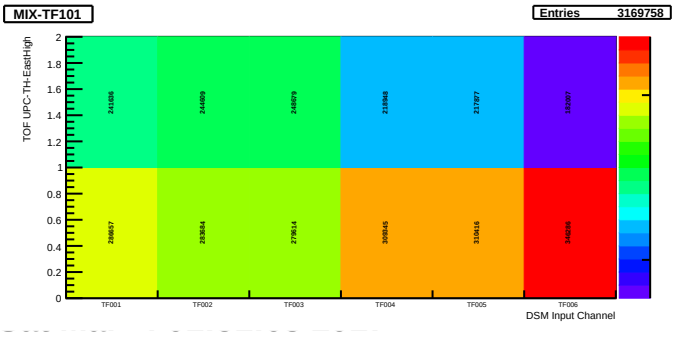

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

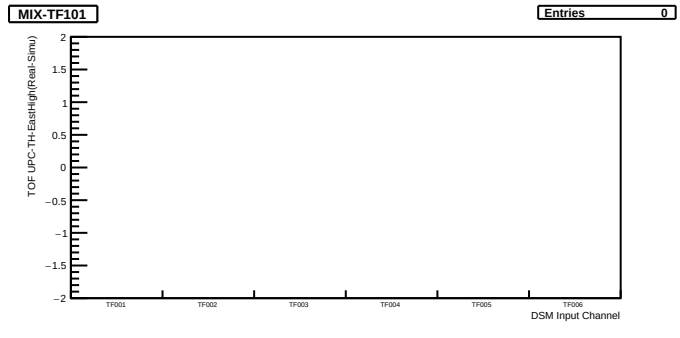

MIX-TF101
Entries 3169758
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

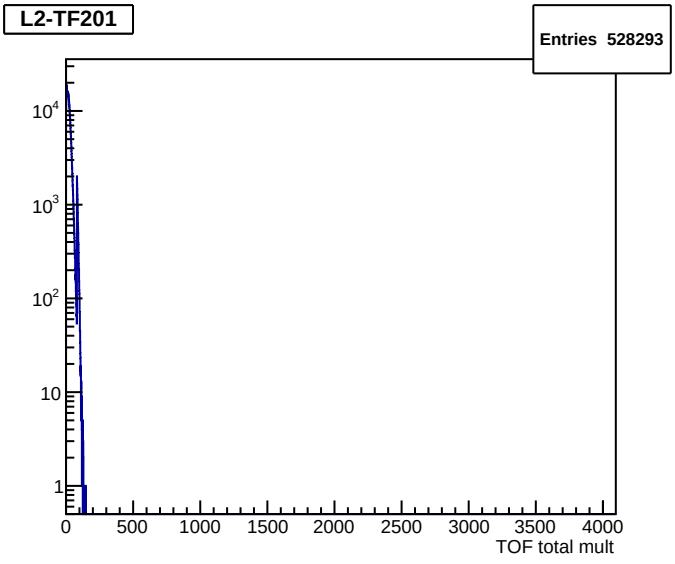

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

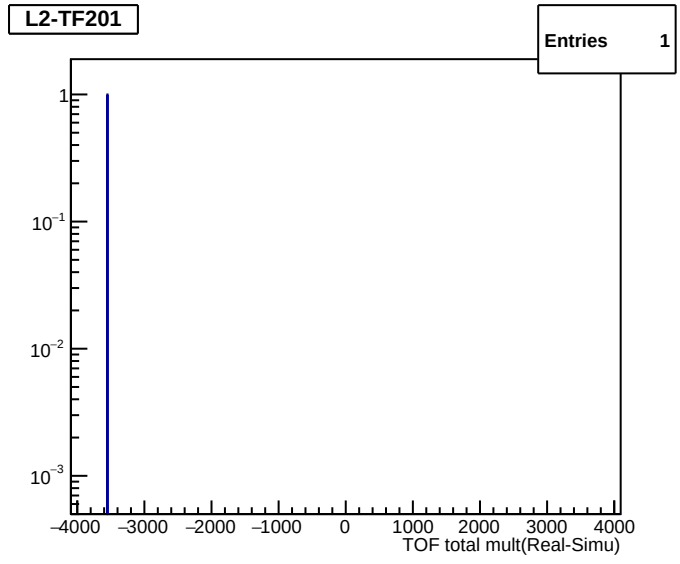

MIX-TF101
Entries 3169758
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

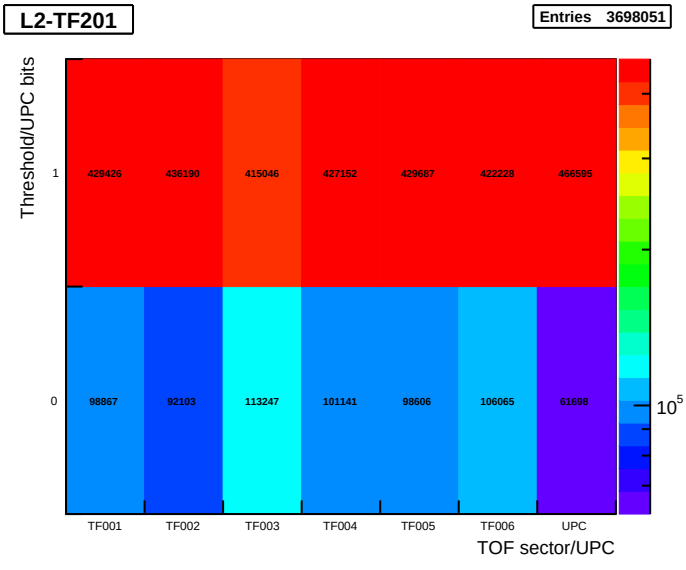

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

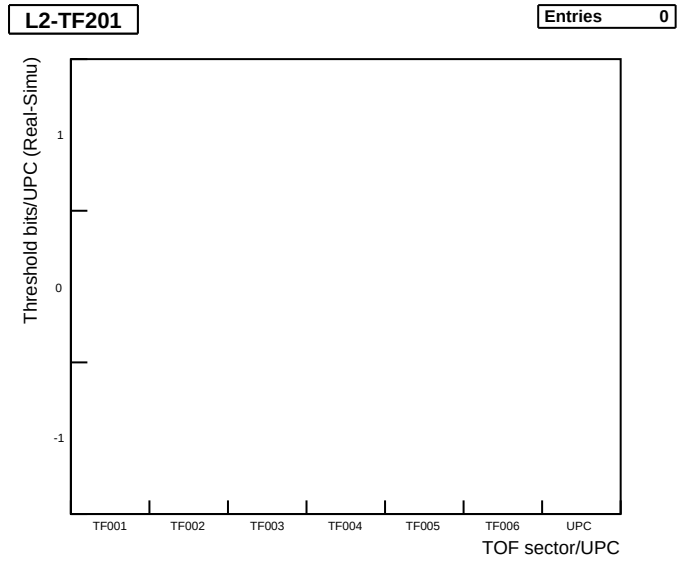

MIX-TF101
Entries 3169758
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

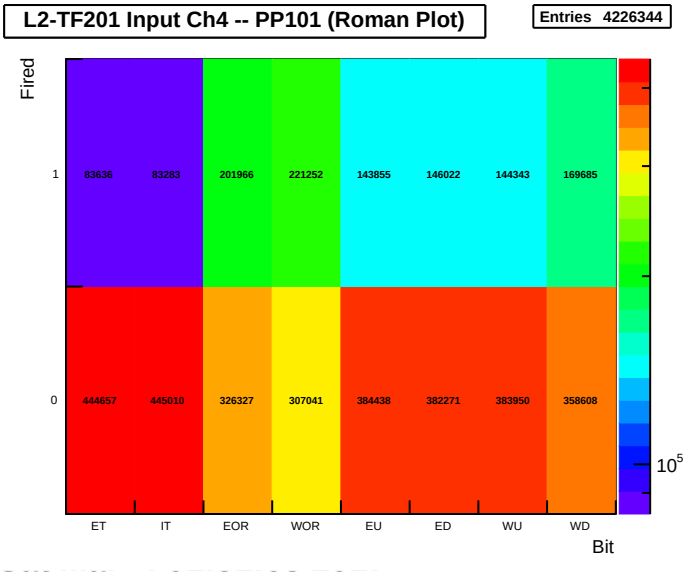

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

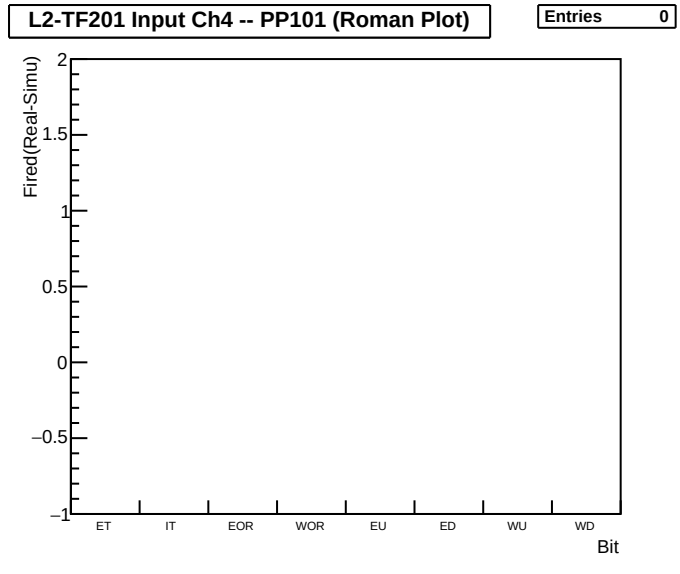

L2-TF201
Entries 528293
TOF total mult

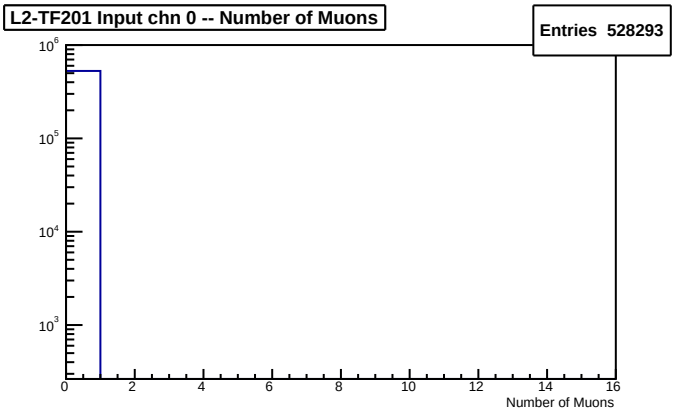

L2-TF201
Entries 1
TOF total mult(Real-Simu)

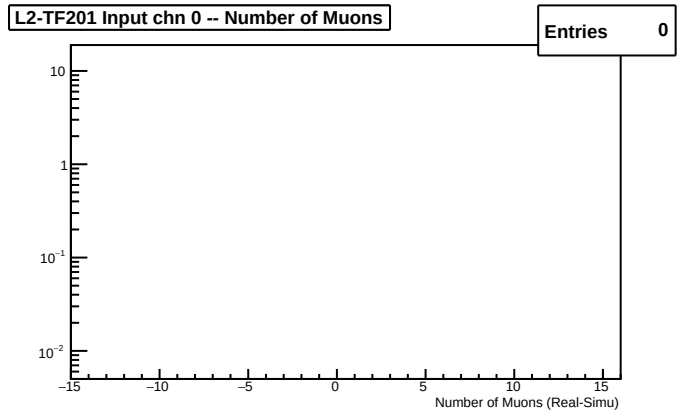

L2-TF201
Entries 3698051
Threshold/UPC bits
429426
436190
415046
427152
429687
422228
466595
98867
92103
113247
101141
98606
106065
61698
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

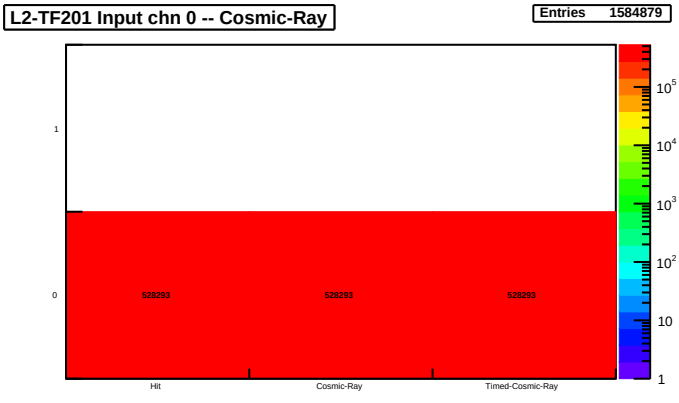

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

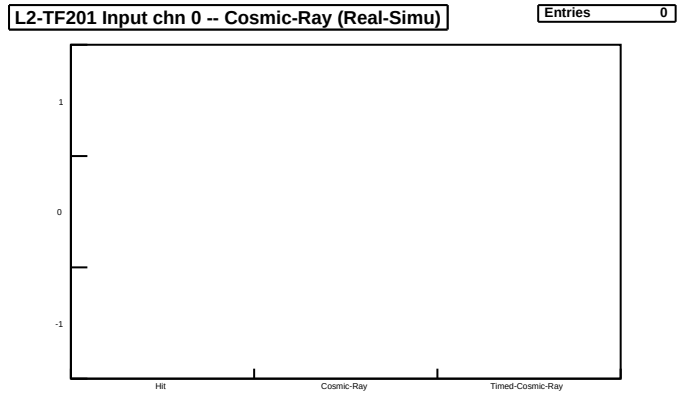

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4226344
Fired
83636
83283
201966
221252
143855
146022
144343
169685
444657
445010
326327
307041
384438
382271
383950
358608
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

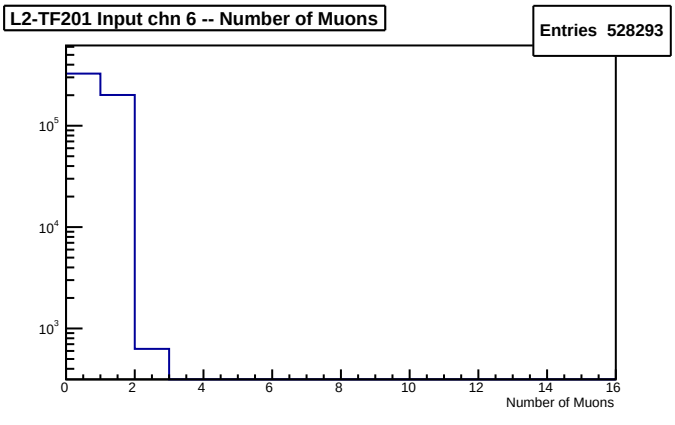

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

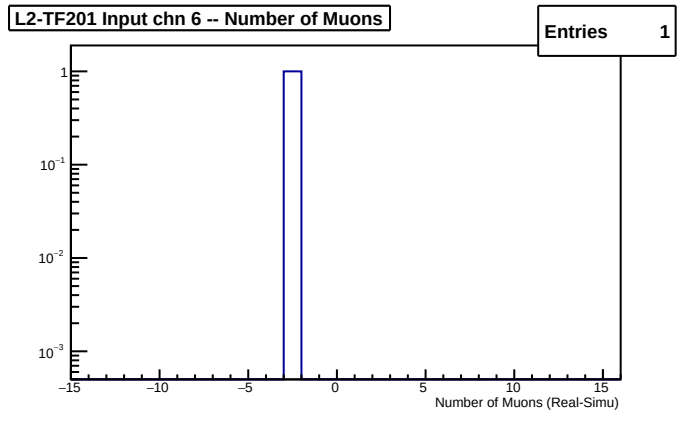

L2-TF201 Input chn 0 -- Number of Muons
Entries 528293
Number of Muons

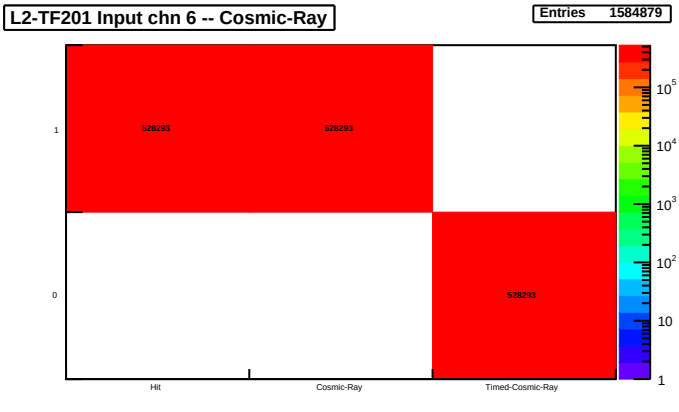

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

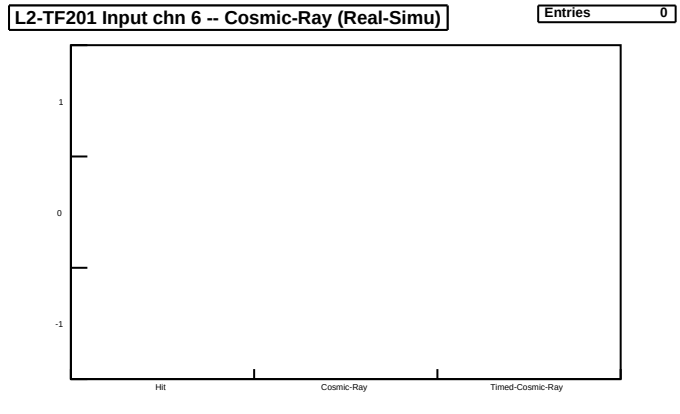

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1584879
528293
528293
528293
Hit
Cosmic-Ray
Timed-Cosmic-Ray

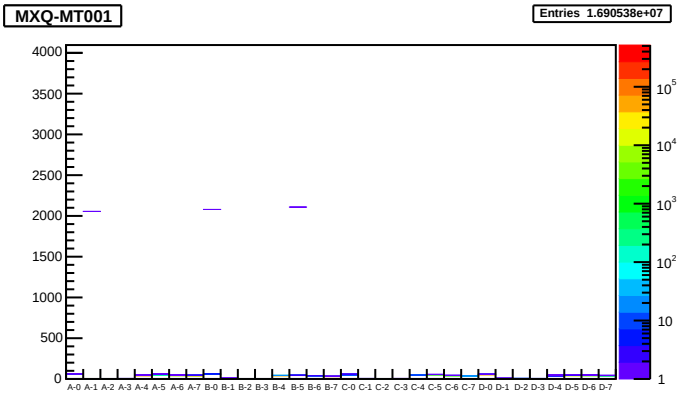

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

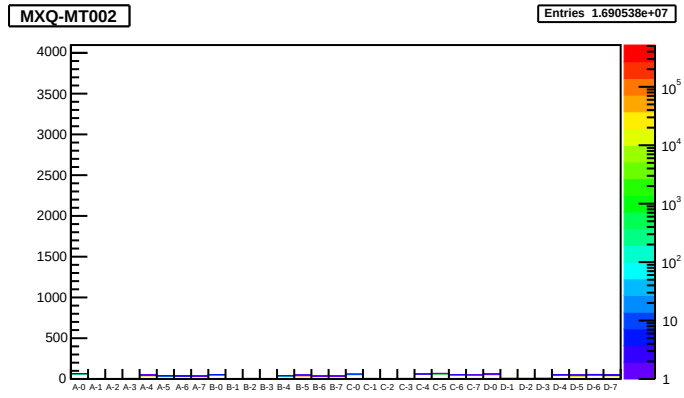

L2-TF201 Input chn 6 -- Number of Muons
Entries 528293
Number of Muons

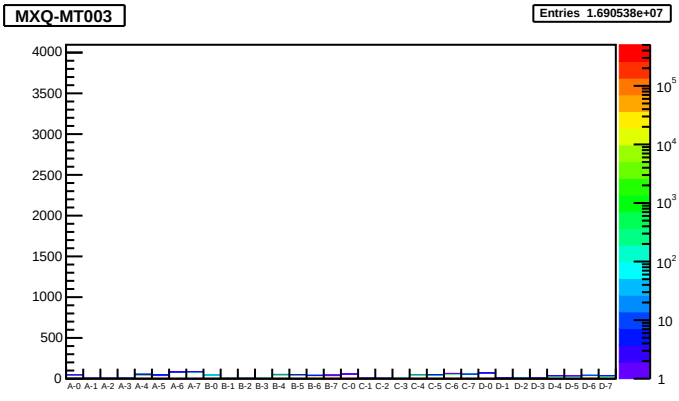

L2-TF201 Input chn 6 -- Number of Muons
Entries 1
Number of Muons (Real-Simu)

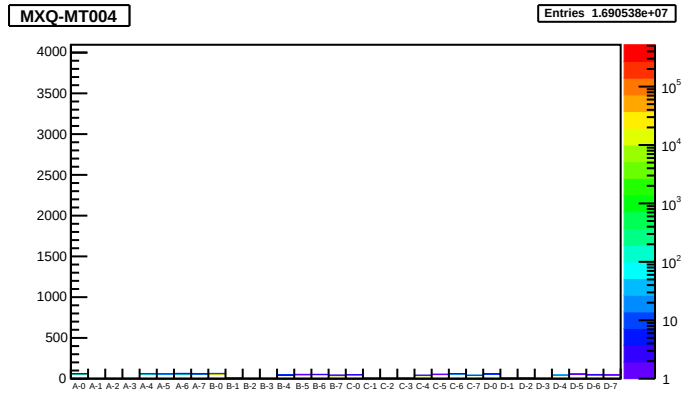

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1584879
528293
528293
528293
Hit
Cosmic-Ray
Timed-Cosmic-Ray

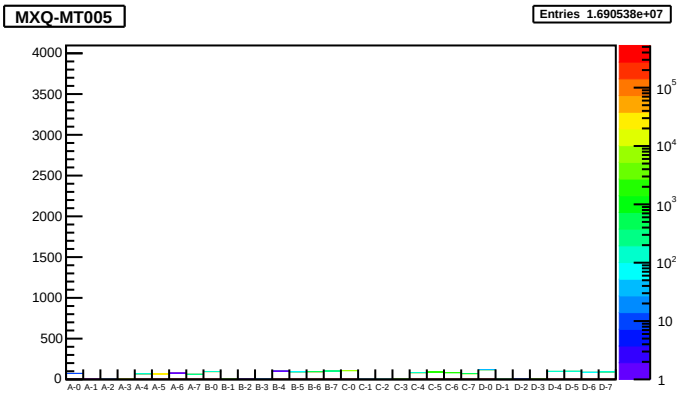

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

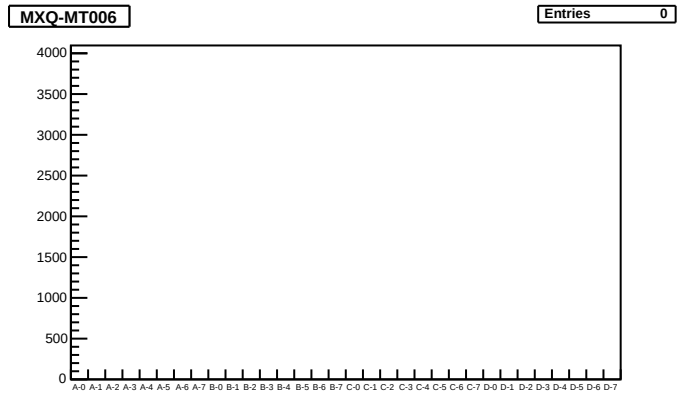

MXQ-MT001
Entries 1.690538e+07

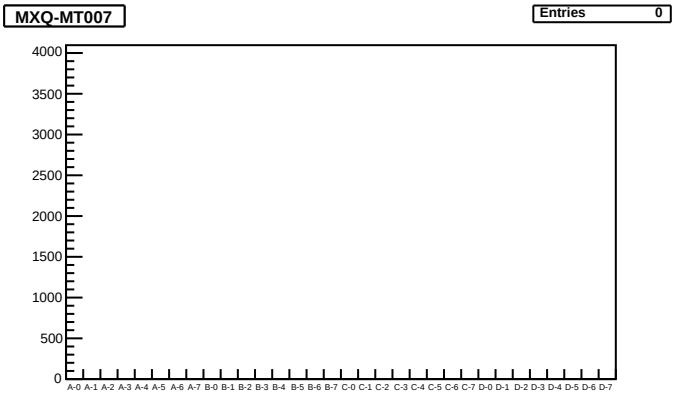

MXQ-MT002
Entries 1.690538e+07

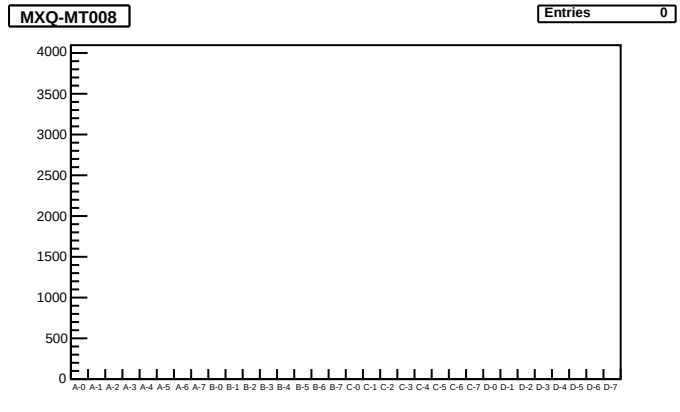

MXQ-MT003
Entries 1.690538e+07

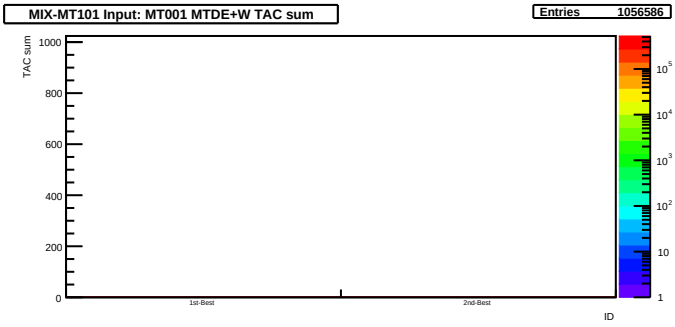

MXQ-MT004
Entries 1.690538e+07

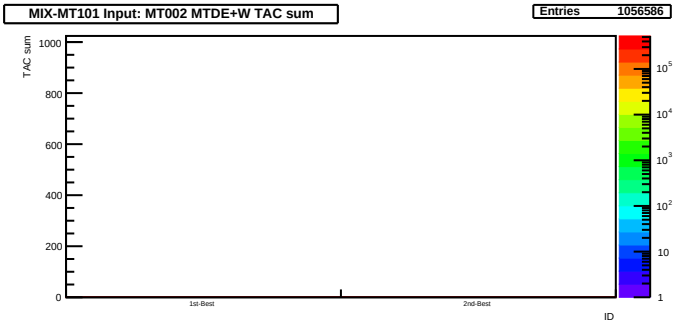

MXQ-MT005
Entries 1.690538e+07

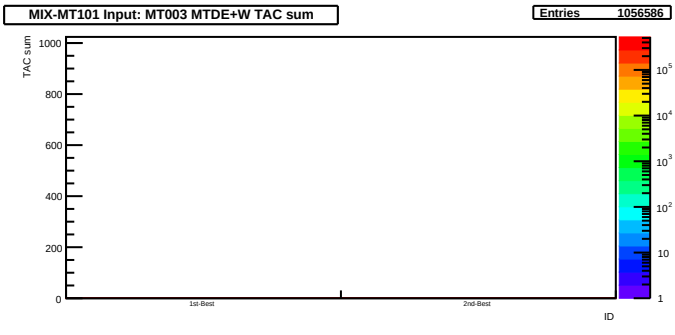

MXQ-MT006
Entries 0

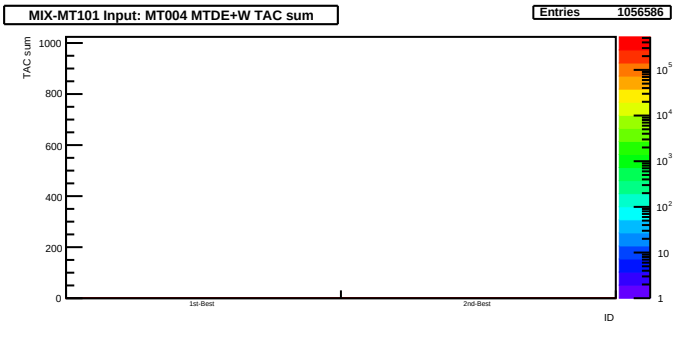

MXQ-MT007
Entries 0

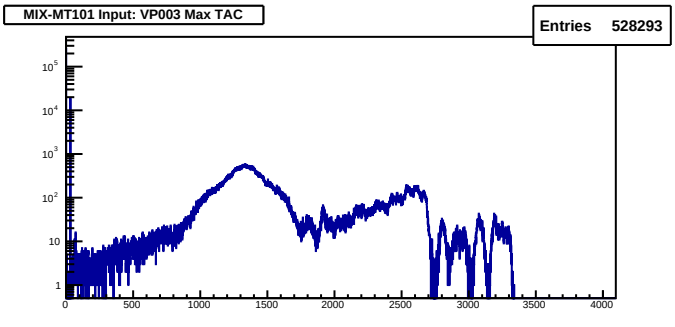

MXQ-MT008
Entries 0

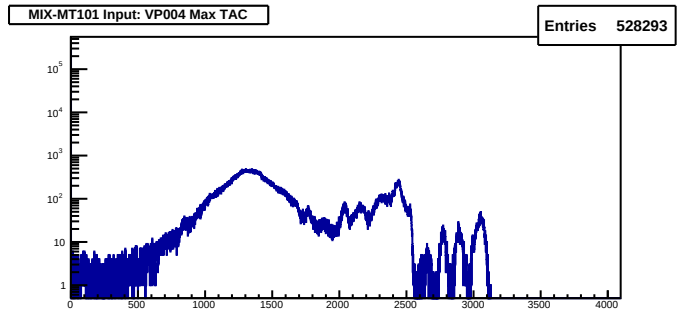

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1056586
TAC sum
1st-Best
2nd-Best
ID

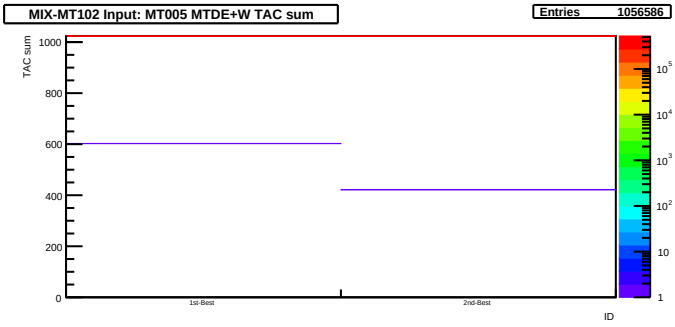

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1056586
TAC sum
1st-Best
2nd-Best
ID

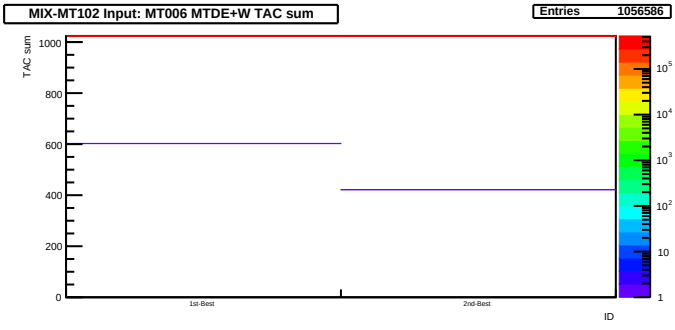

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1056586
TAC sum
1st-Best
2nd-Best
ID

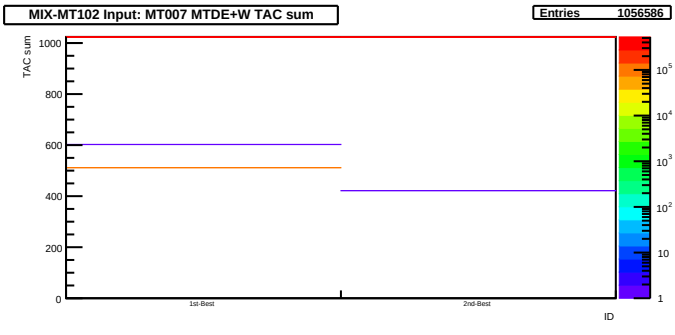

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1056586
TAC sum
1st-Best
2nd-Best
ID

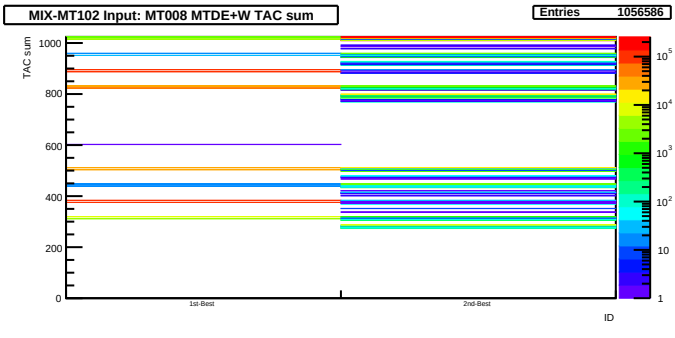

MIX-MT101 Input: VP003 Max TAC
Entries 528293

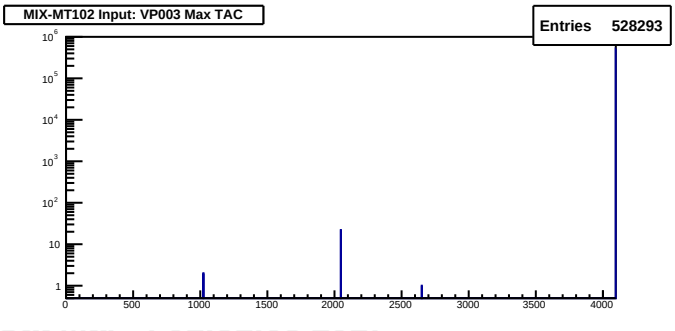

MIX-MT101 Input: VP004 Max TAC
Entries 528293

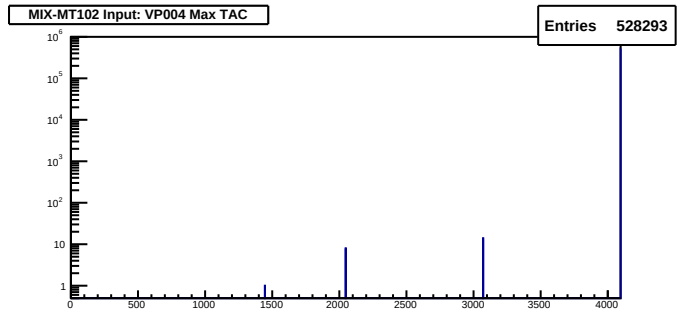

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1056586
TAC sum
1st-Best
2nd-Best
ID

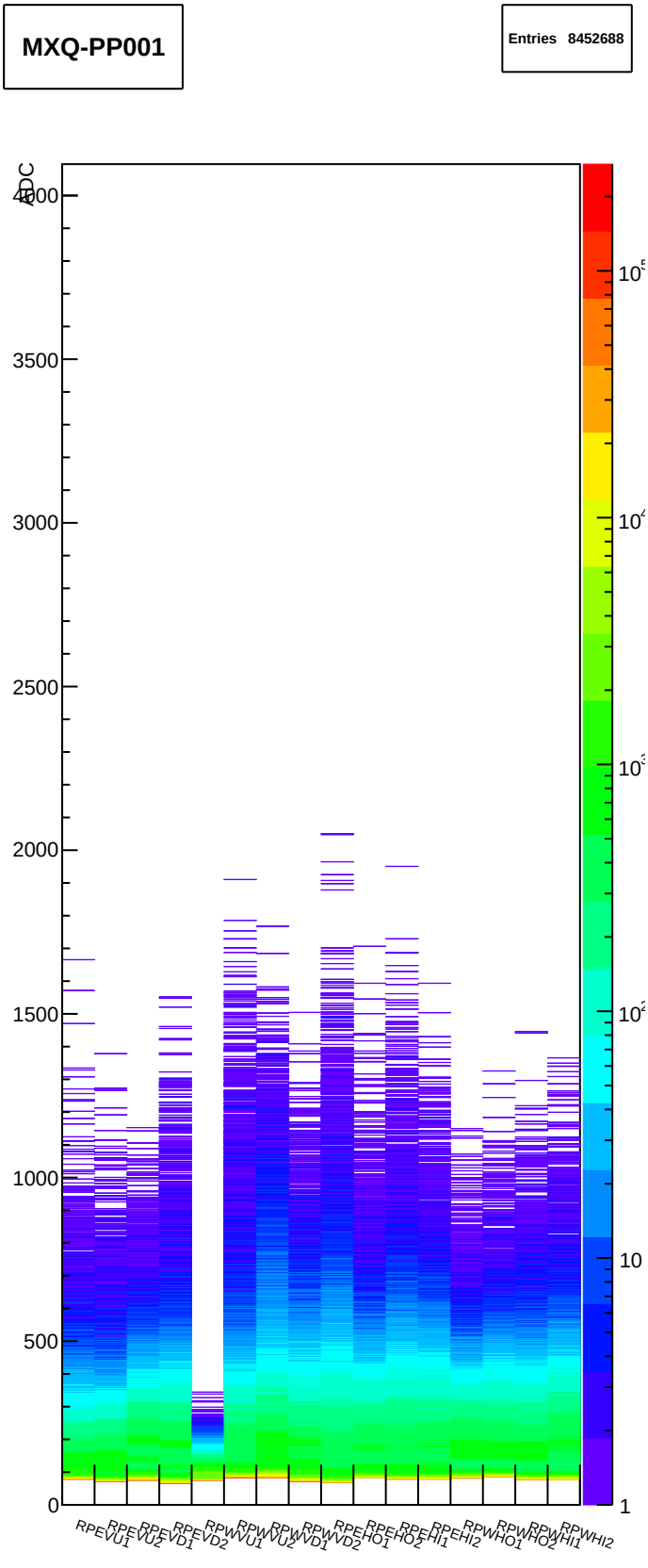

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1056586
TAC sum
1st-Best
2nd-Best
ID

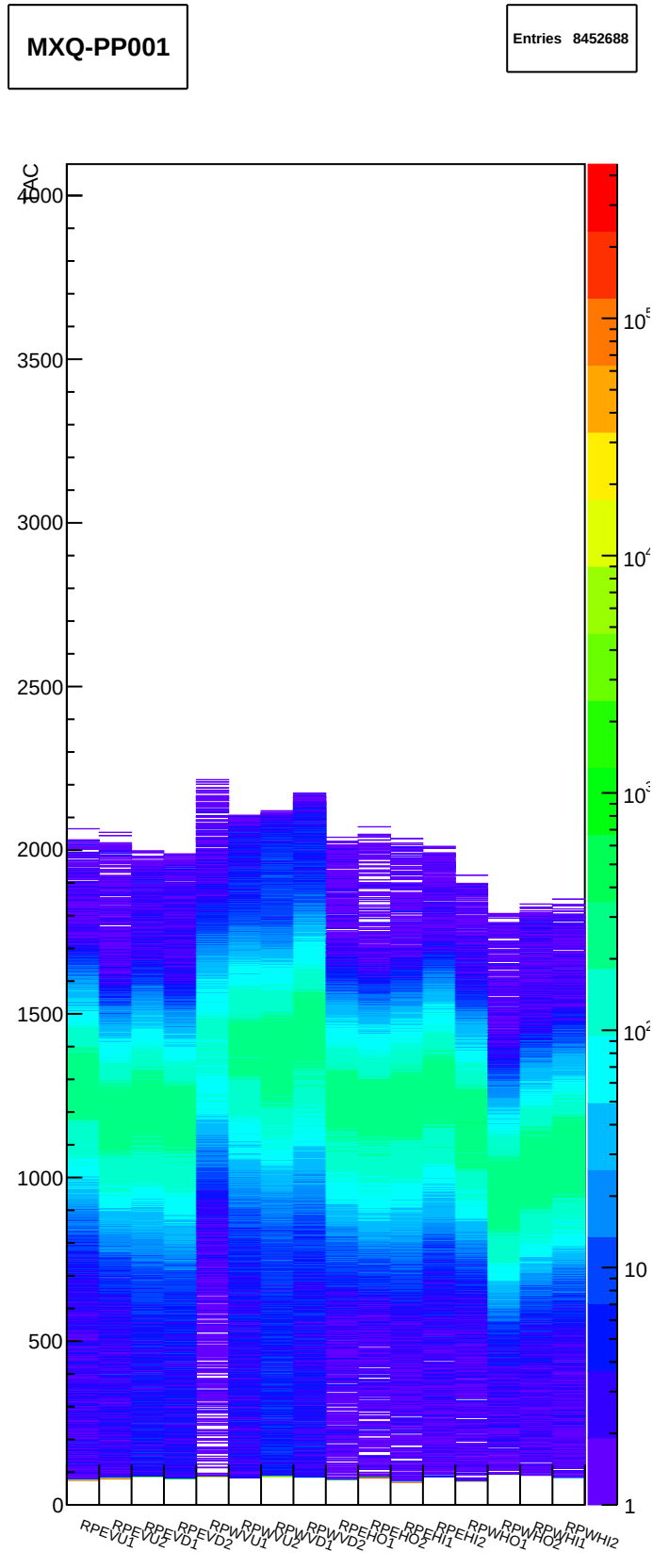

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1056586
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1056586
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 528293


MIX-MT102 Input: VP004 Max TAC
Entries 528293


MXQ-PP001
Entries 8452688
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
10
1


MXQ-PP001
Entries 8452688
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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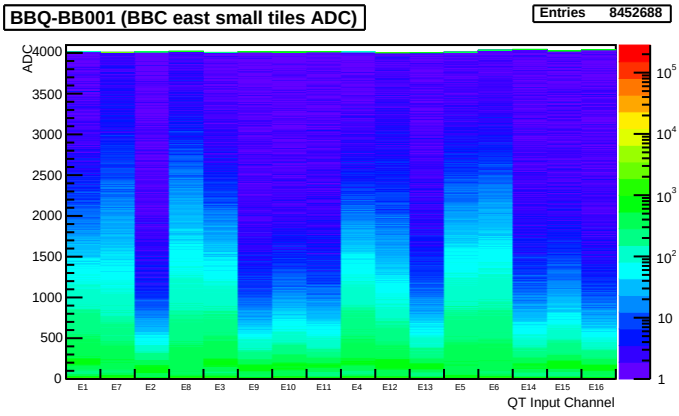
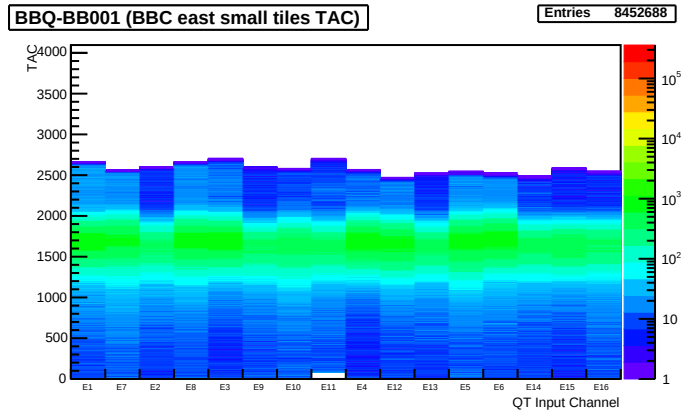
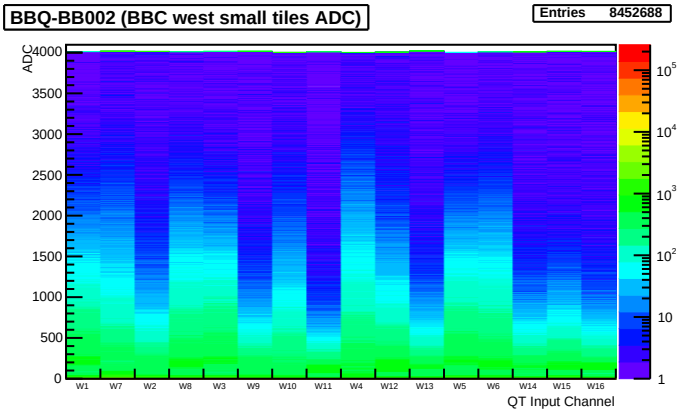
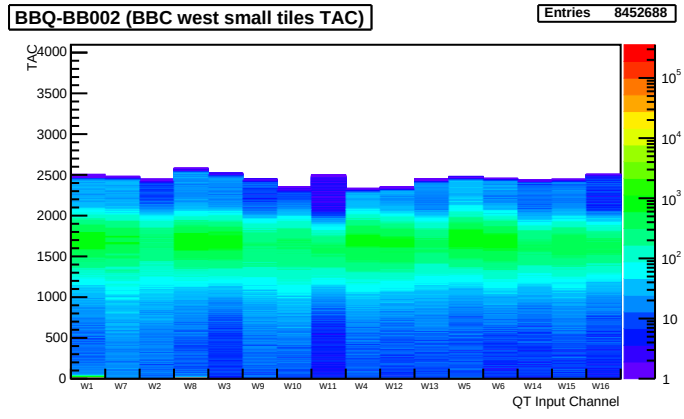
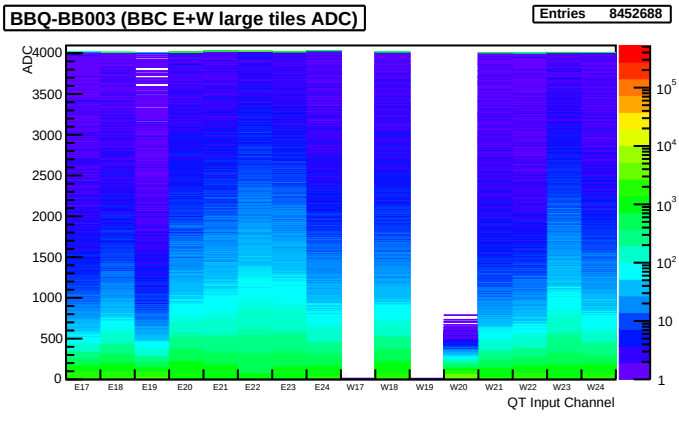
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

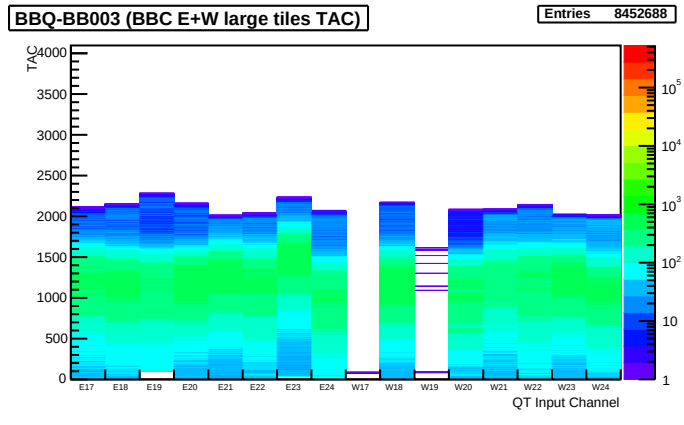

BBQ-BB001 (BBC east small tiles ADC)
Entries 8452688
ADC
QT Input Channel

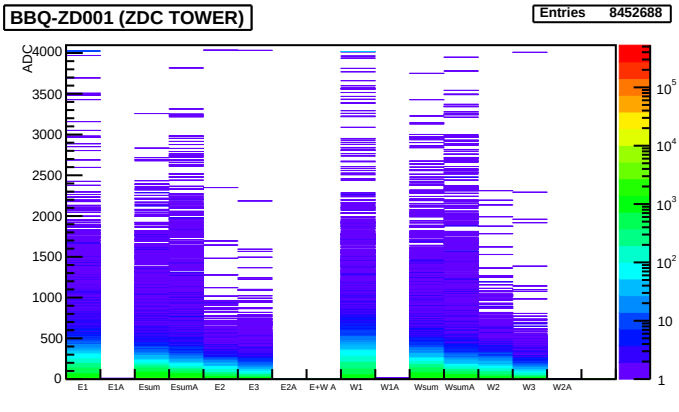

BBQ-BB001 (BBC east small tiles TAC)
Entries 8452688
TAC
QT Input Channel

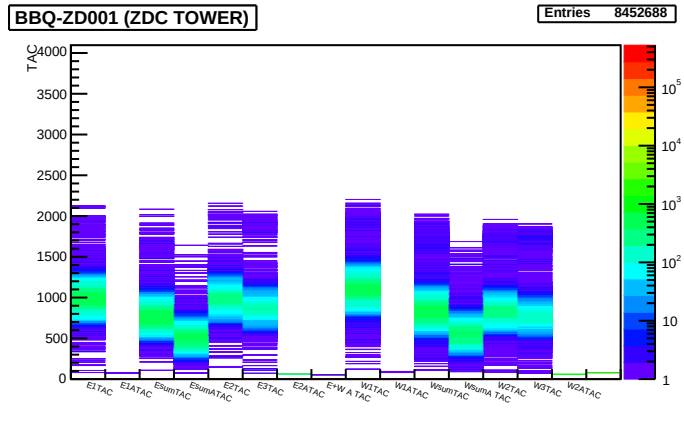

BBQ-BB002 (BBC west small tiles ADC)
Entries 8452688
ADC
QT Input Channel

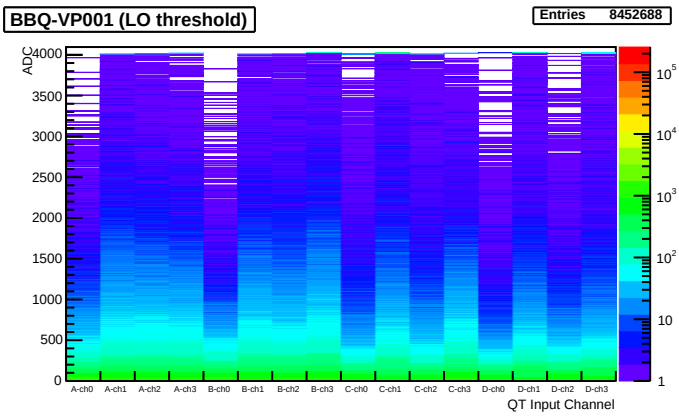

BBQ-BB002 (BBC west small tiles TAC)
Entries 8452688
TAC
QT Input Channel

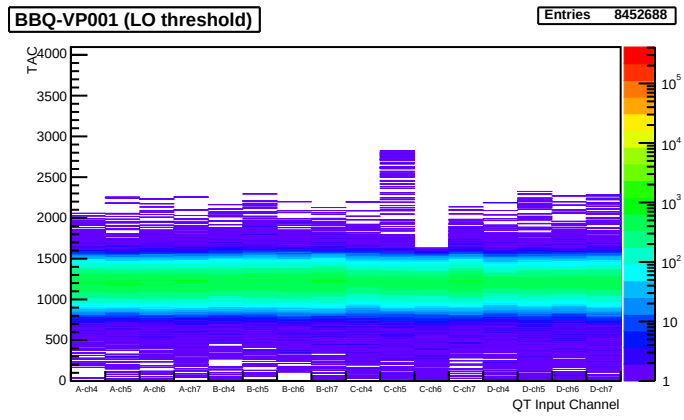

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8452688
ADC
QT Input Channel

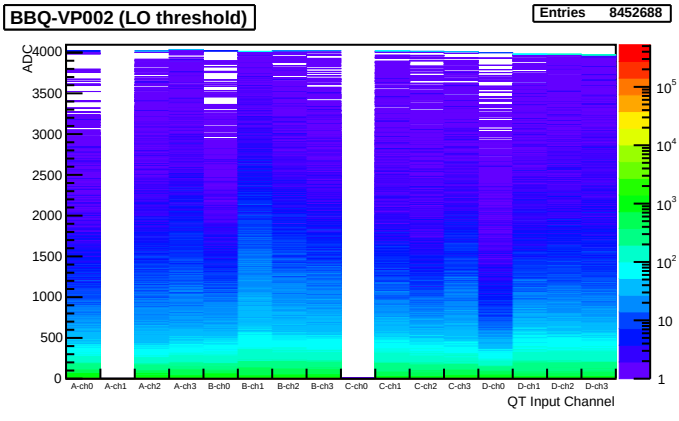

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8452688
TAC
QT Input Channel

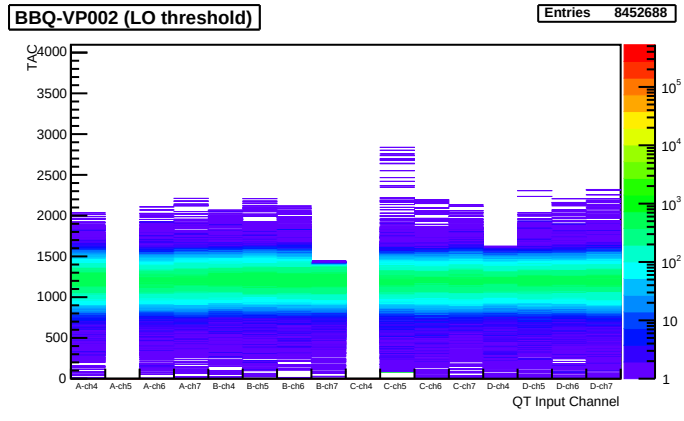

BBQ-ZD001 (ZDC TOWER)
Entries 8452688
ADC

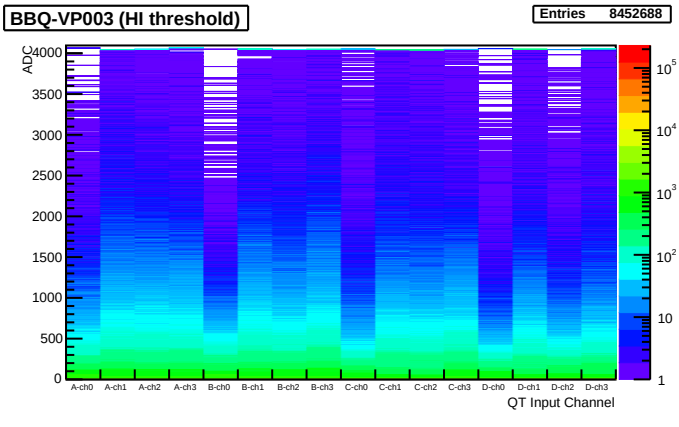

BBQ-ZD001 (ZDC TOWER)
Entries 8452688
TAC

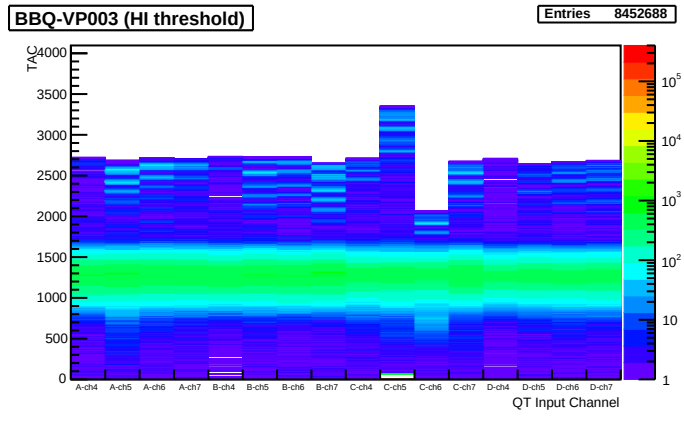

BBQ-VP001 (LO threshold)
Entries 8452688
ADC
QT Input Channel

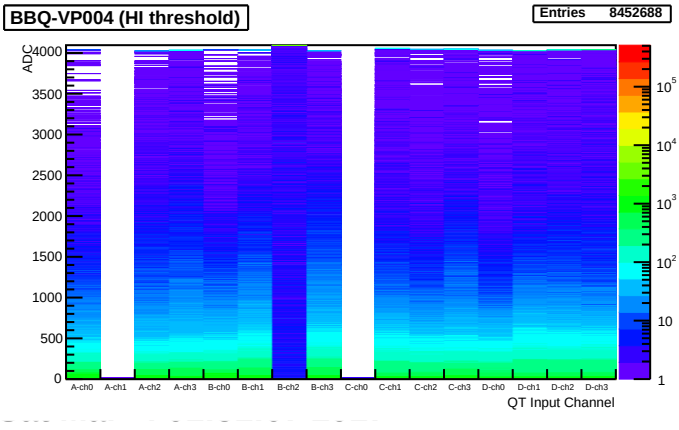

BBQ-VP001 (LO threshold)
Entries 8452688
TAC
QT Input Channel

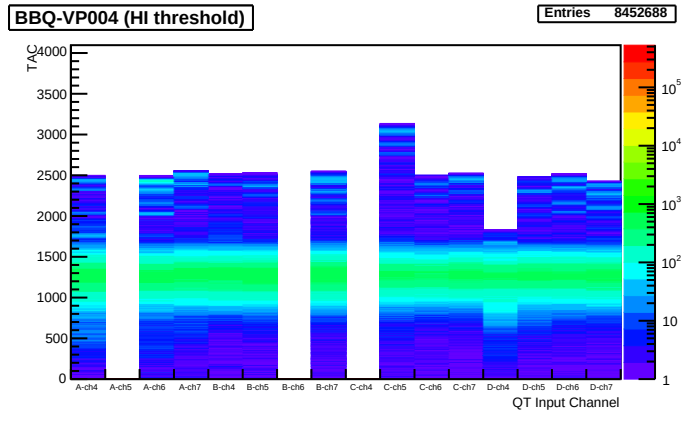

BBQ-VP002 (LO threshold)
Entries 8452688
ADC
QT Input Channel

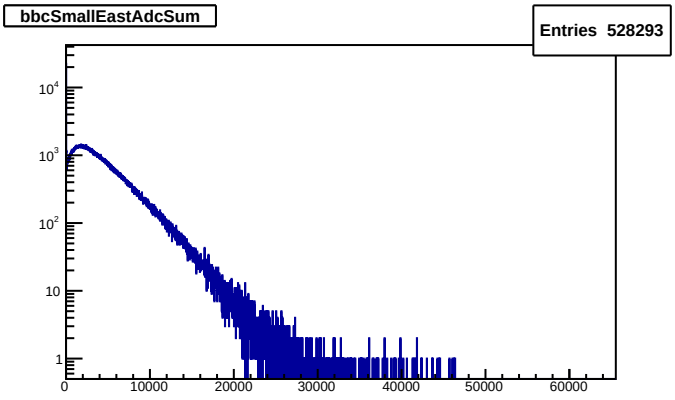

BBQ-VP002 (LO threshold)
Entries 8452688
TAC
QT Input Channel

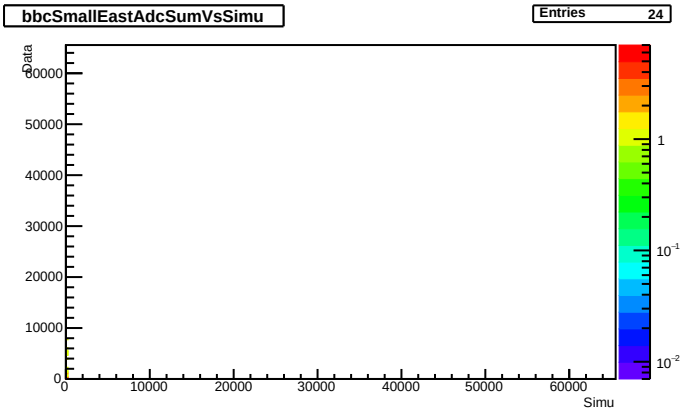

BBQ-VP003 (HI threshold)
Entries 8452688
ADC
QT Input Channel

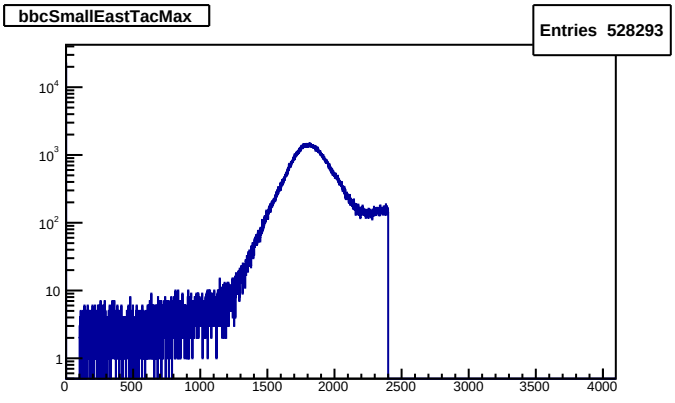

BBQ-VP003 (HI threshold)
Entries 8452688
TAC
QT Input Channel

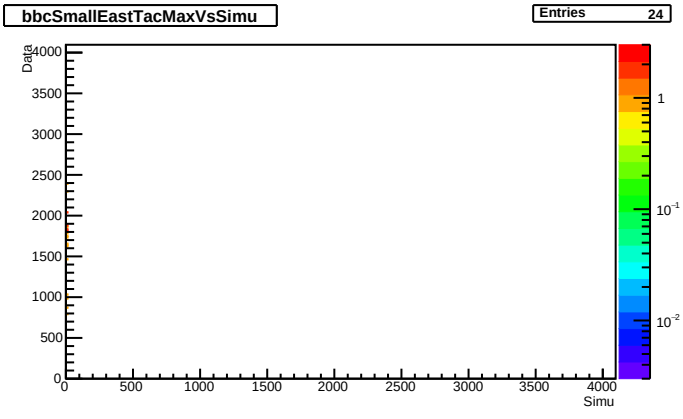

BBQ-VP004 (HI threshold)
Entries 8452688
ADC
QT Input Channel

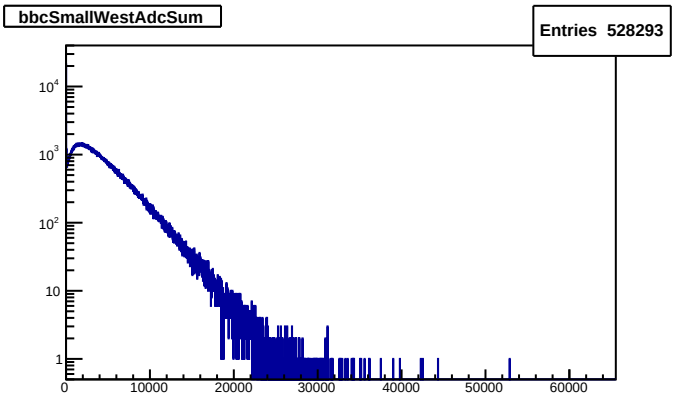

BBQ-VP004 (HI threshold)
Entries 8452688
TAC
QT Input Channel

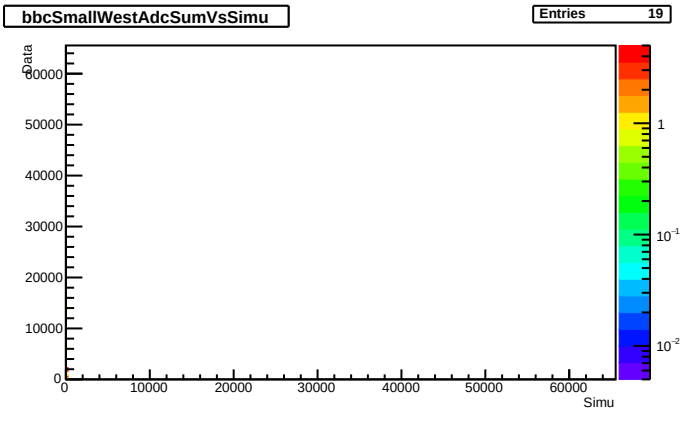

bbcSmallEastAdcSum
Entries 528293

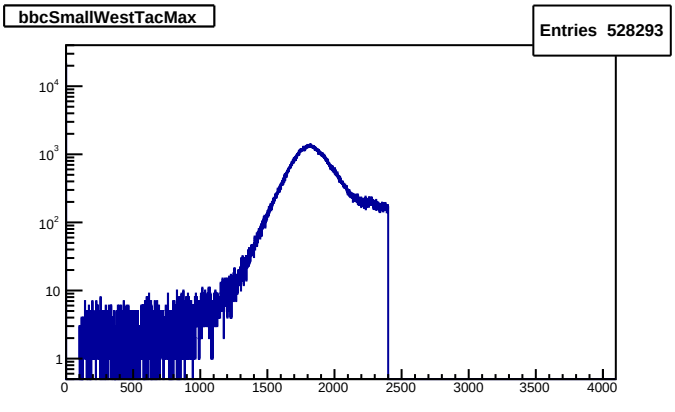

bbcSmallEastAdcSumVsSimu
Entries 24
Data
Simu

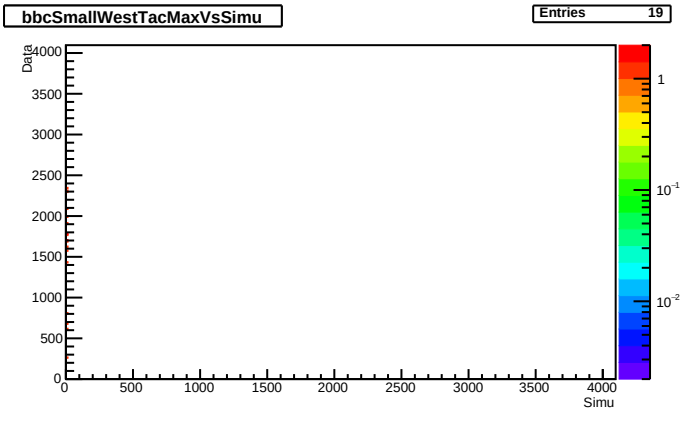

bbcSmallEastTacMax
Entries 528293

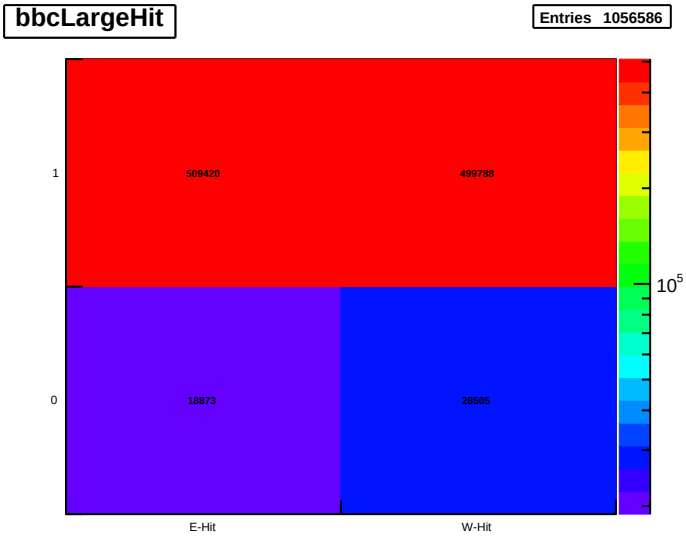

bbcSmallEastTacMaxVsSimu
Entries 24
Data
Simu

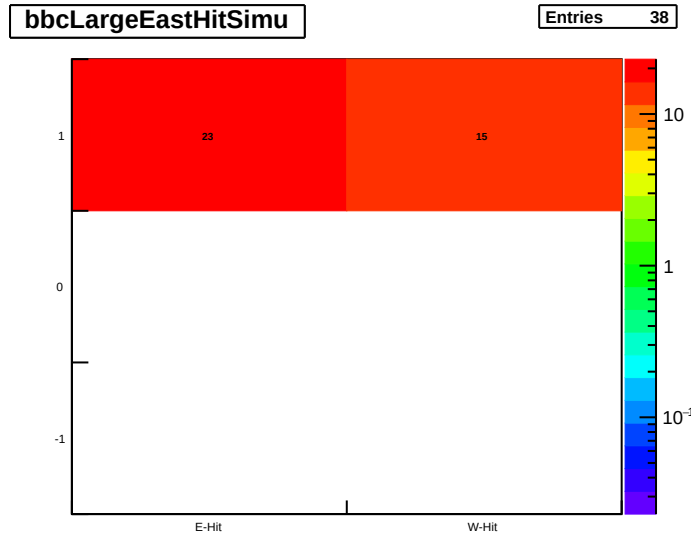

bbcSmallWestAdcSum
Entries 528293

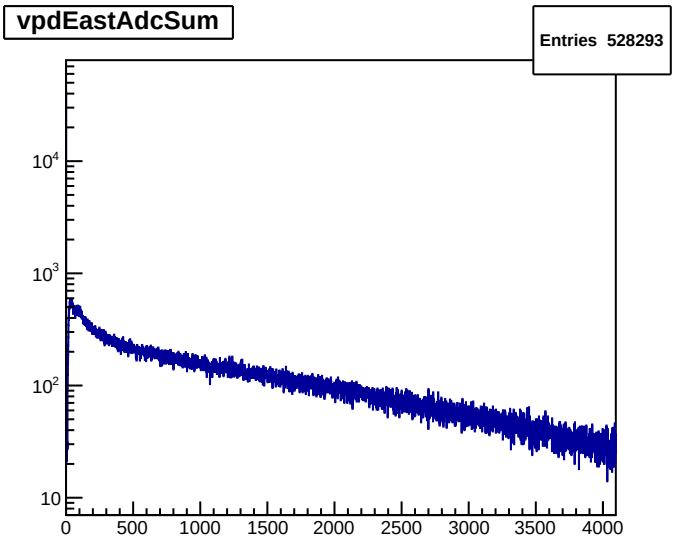

bbcSmallWestAdcSumVsSimu
Entries 19
Data
Simu

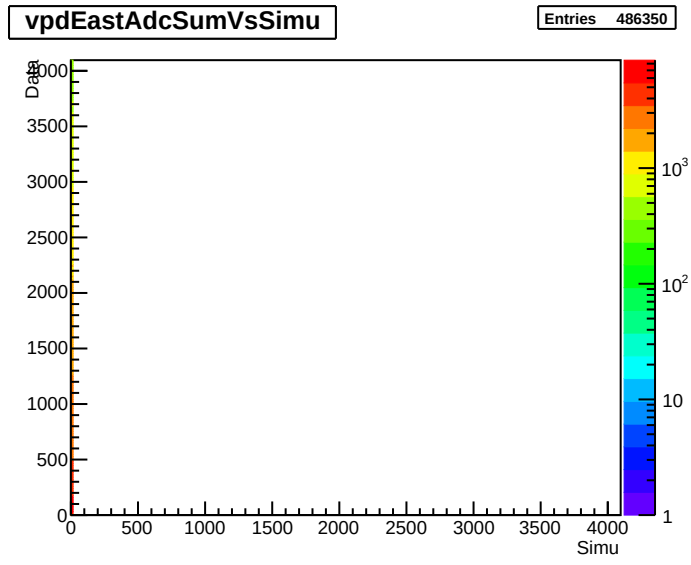

bbcSmallWestTacMax
Entries 528293

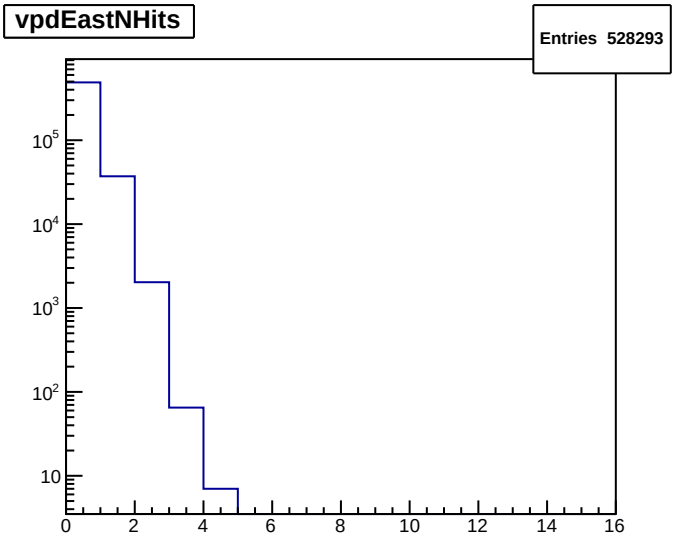

bbcSmallWestTacMaxVsSimu
Entries 19
Data
Simu

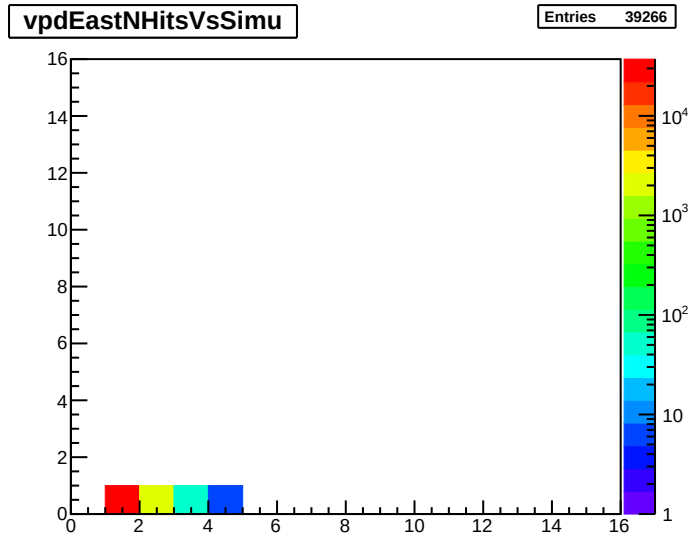

bbcLargeHit
Entries 1056586
1
0
509420
499788
18873
28505
E-Hit
W-Hit
10^5

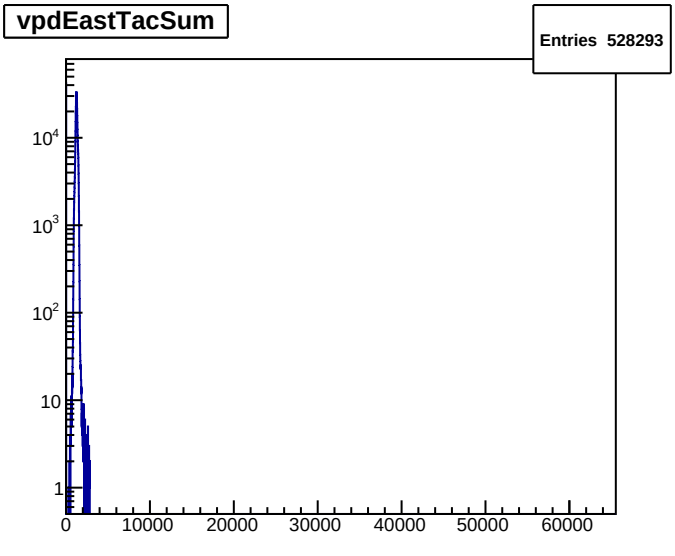

bbcLargeEastHitSimu
Entries 38
1
0
-1
23
15
E-Hit
W-Hit
10
1
10^{-1}

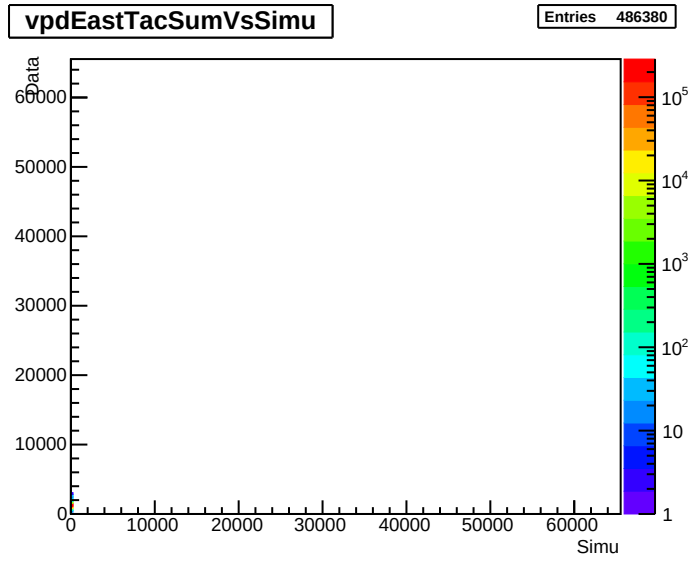

vpdEastAdcSum
Entries 528293

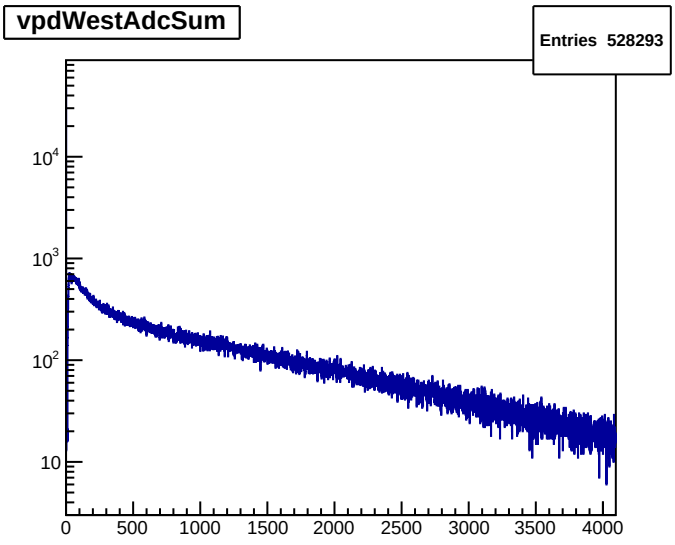

vpdEastAdcSumVsSimu
Entries 486350
Data
Simu

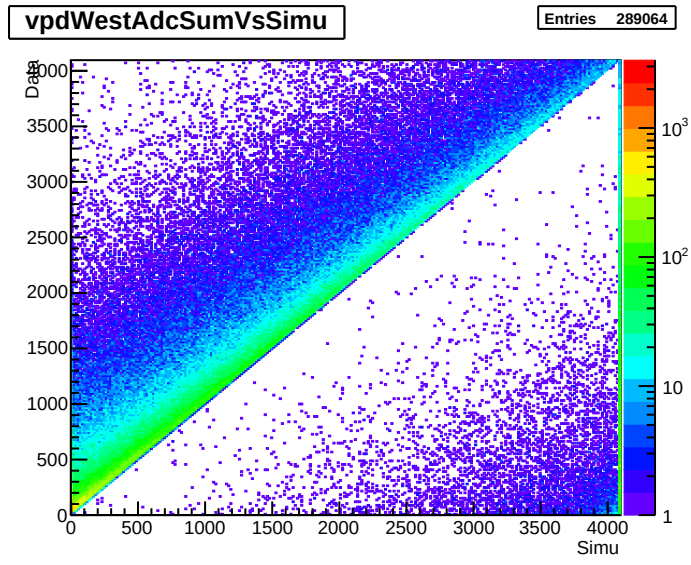

vpdEastNHits
Entries 528293

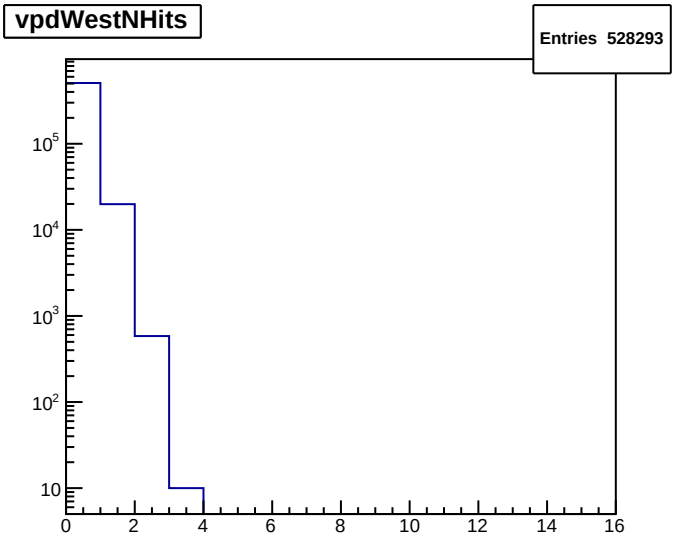

vpdEastNHitsVsSimu
Entries 39266

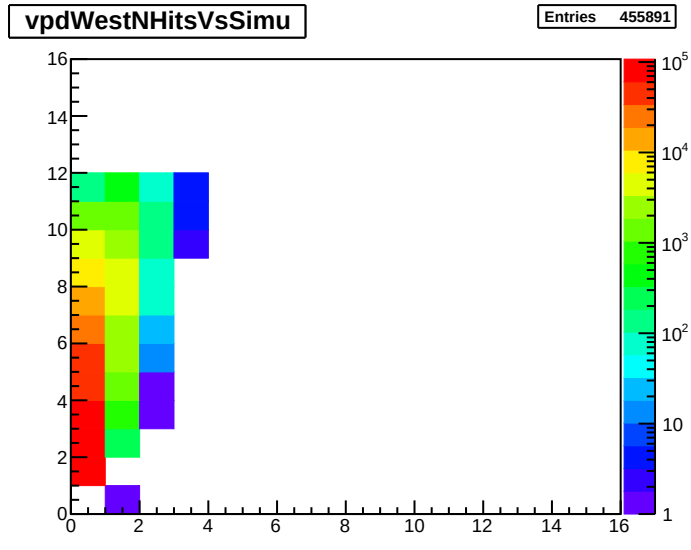

vpdEastTacSum
Entries 528293

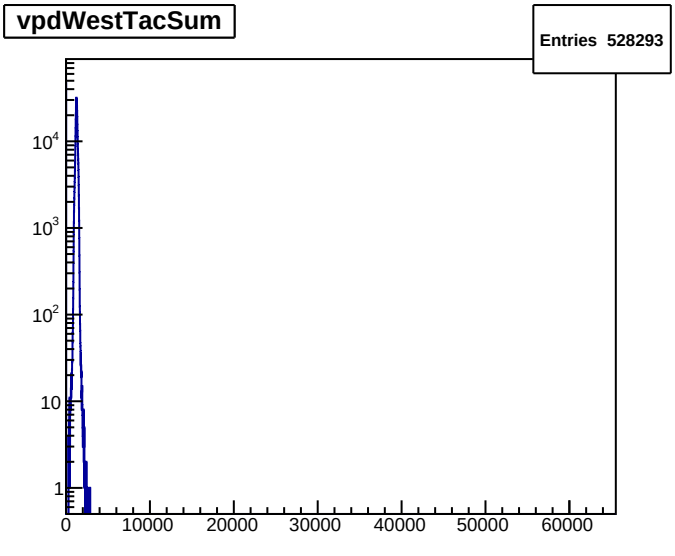

vpdEastTacSumVsSimu
Entries 486380
Data
Simu

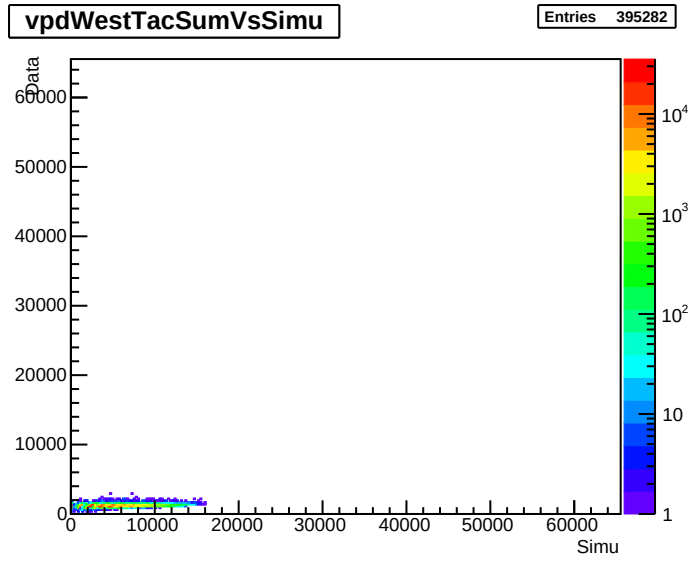

vpdWestAdcSum
Entries 528293

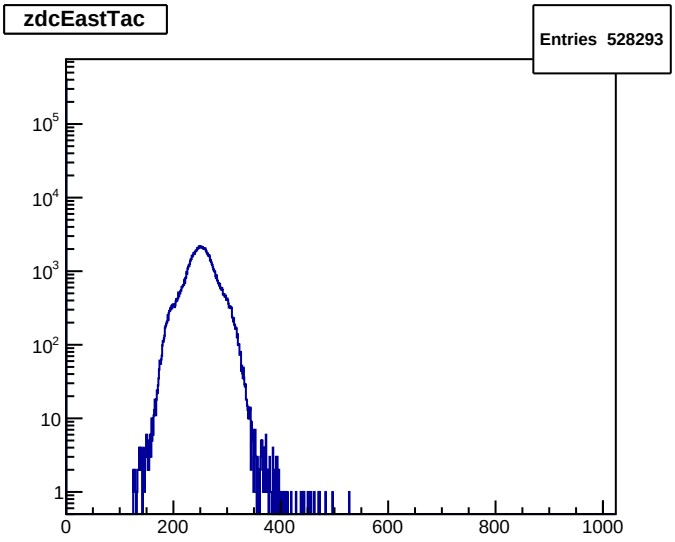

vpdWestAdcSumVsSimu
Entries 289064
Data
Simu

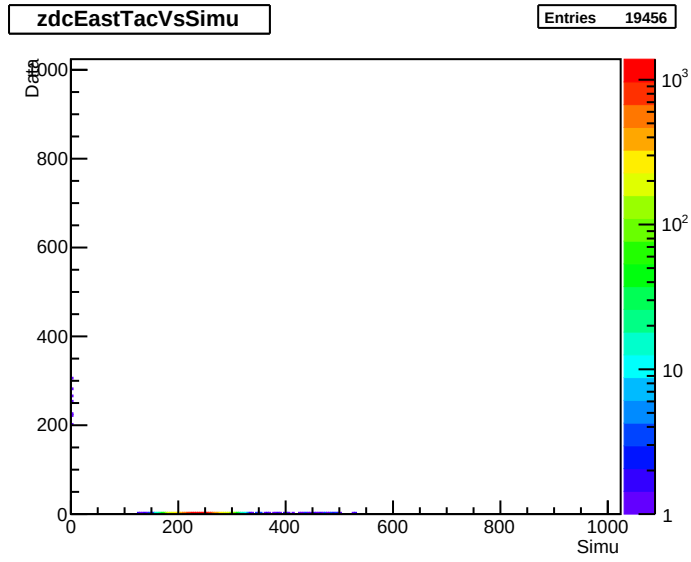

vpdWestNHits
Entries 528293

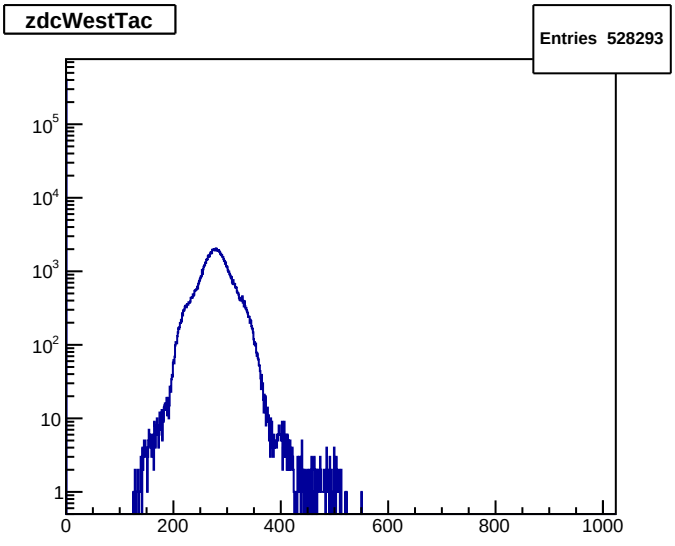

vpdWestNHitsVsSimu
Entries 455891

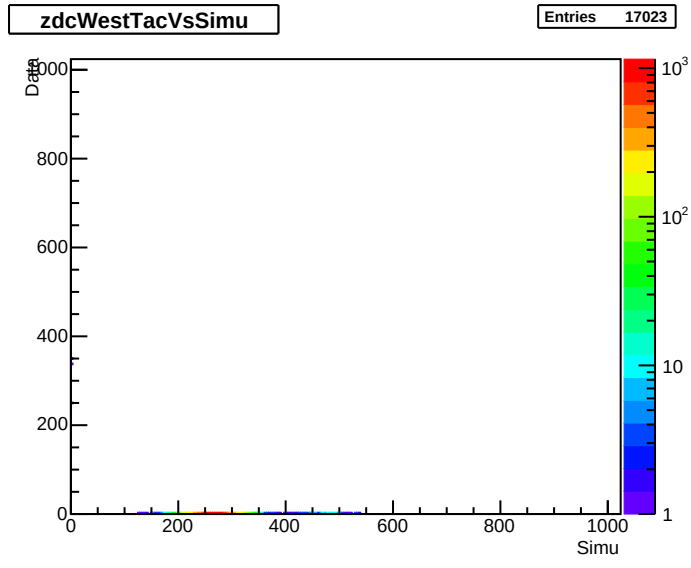

vpdWestTacSum
Entries 528293

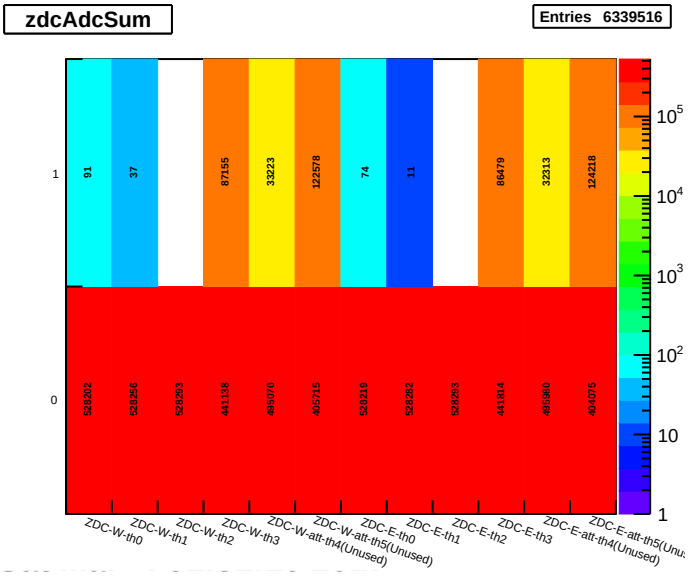

vpdWestTacSumVsSimu
Entries 395282
Data
Simu

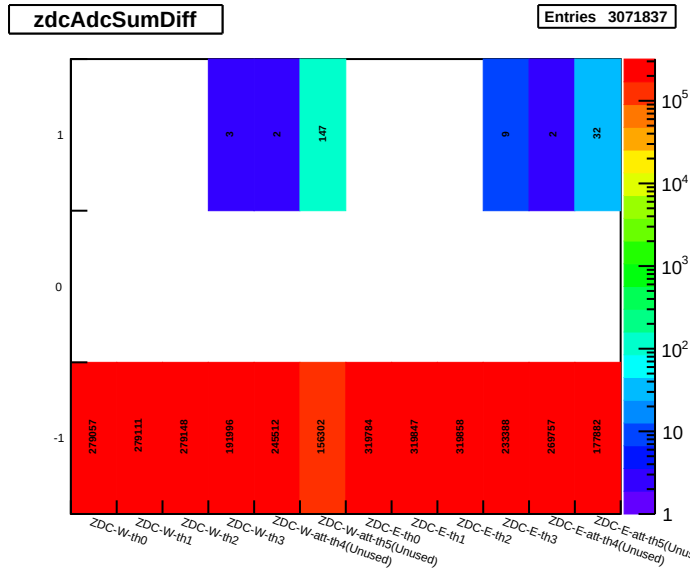

zdcEastTac
Entries 528293

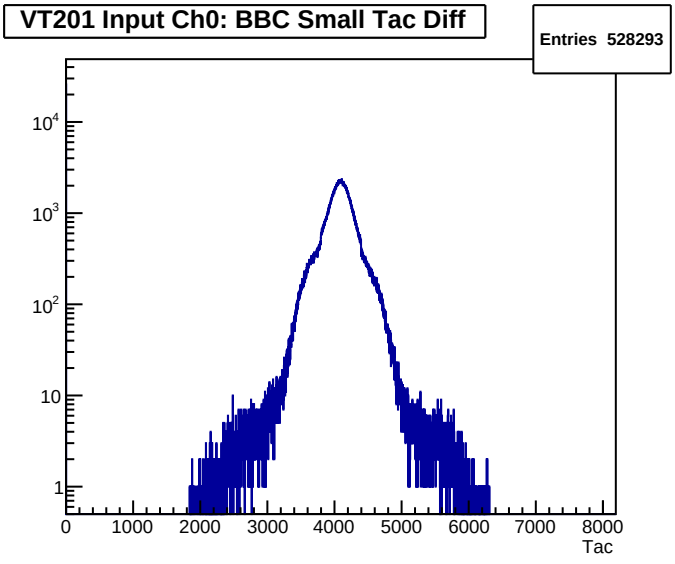

zdcEastTacVsSimu
Entries 19456
Data
Simu

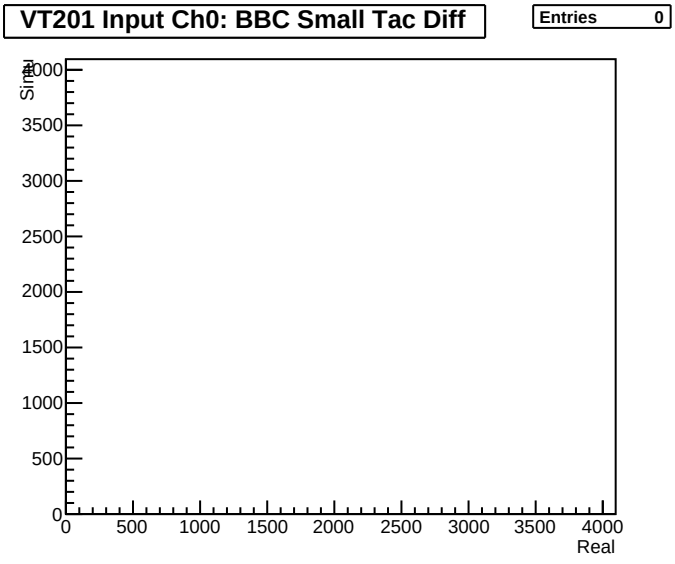

zdcWestTac
Entries 528293

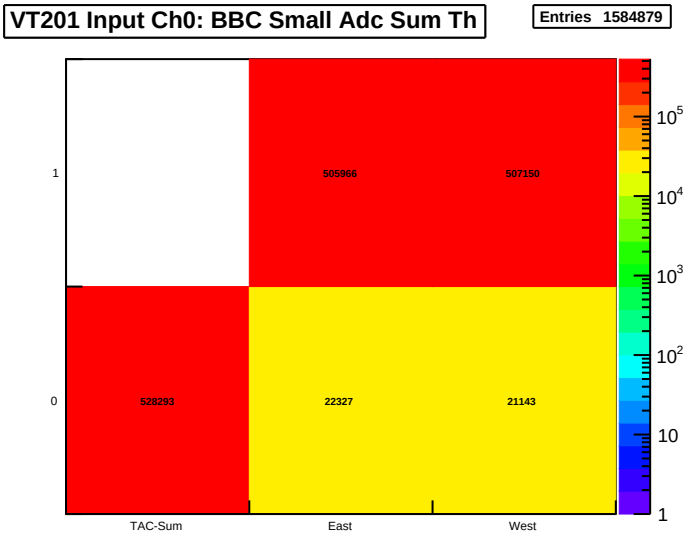

zdcWestTacVsSimu
Entries 17023
Data
Simu

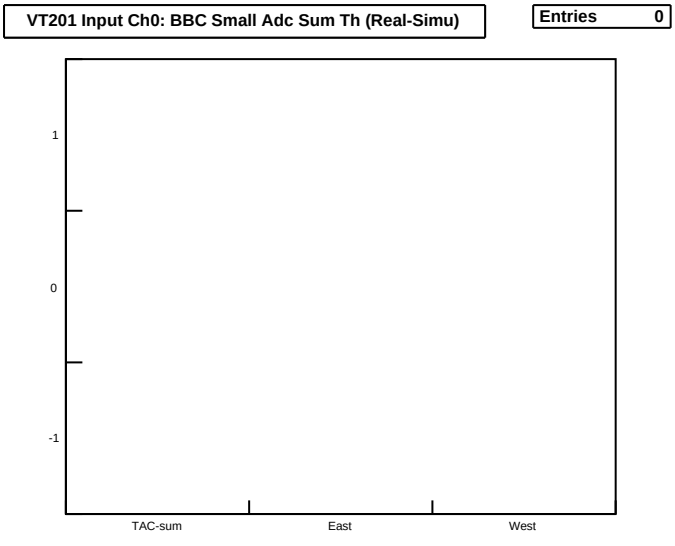

zdcAdcSum
Entries 6339516
91
37
87155
33223
122578
74
11
86479
32313
124218
528202
528256
528293
441138
495070
405715
528219
528282
528293
441814
495980
404075
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

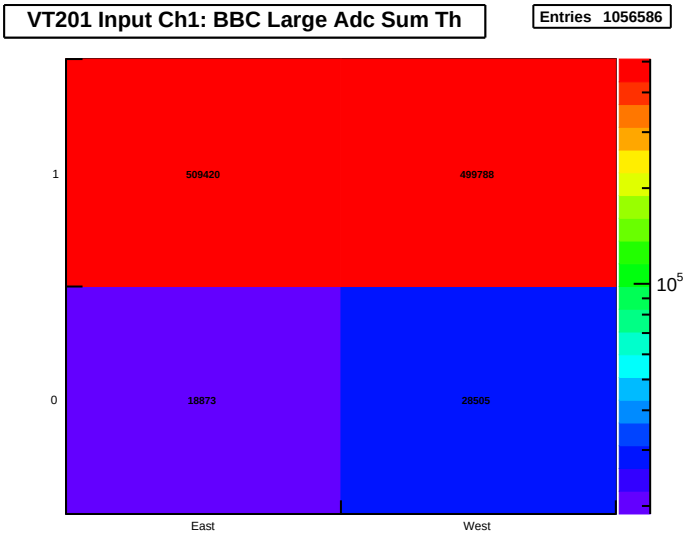

zdcAdcSumDiff
Entries 3071837
3
2
147
9
2
32
279057
279111
279148
191996
245512
155302
319784
318847
318858
233388
269757
177882
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

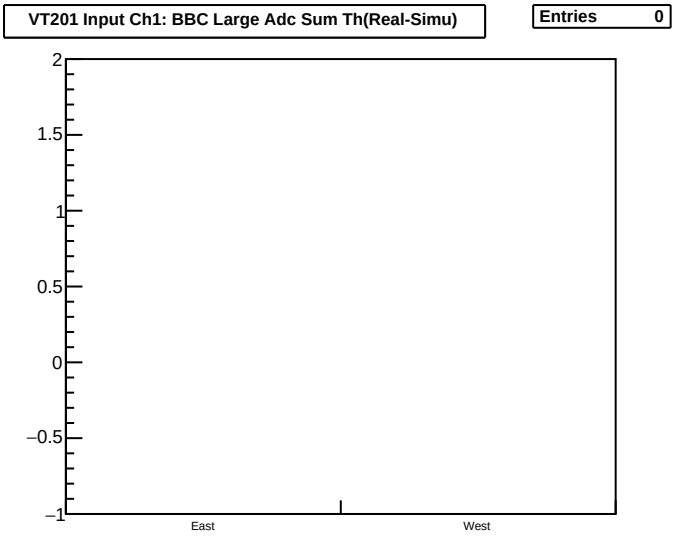

VT201 Input Ch0: BBC Small Tac Diff
Entries 528293
Tac


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

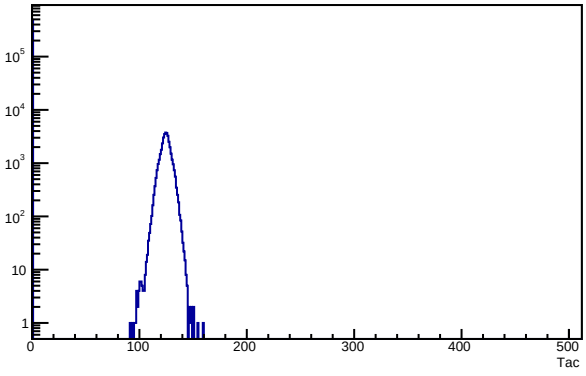

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1584879
505966
507150
528293
22327
21143
TAC-Sum
East
West


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

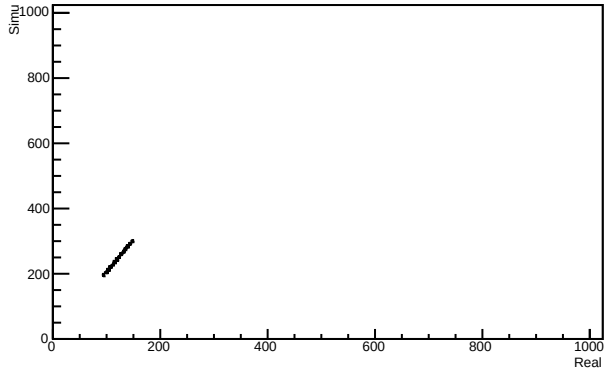

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1056586
509420
499788
18873
28505
East
West


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

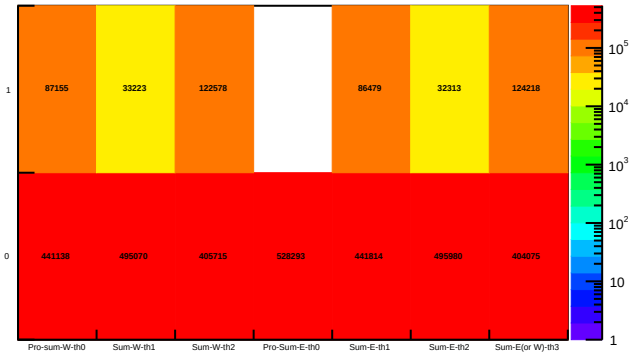
VT201 Input Ch2: ZDC Tac Diff



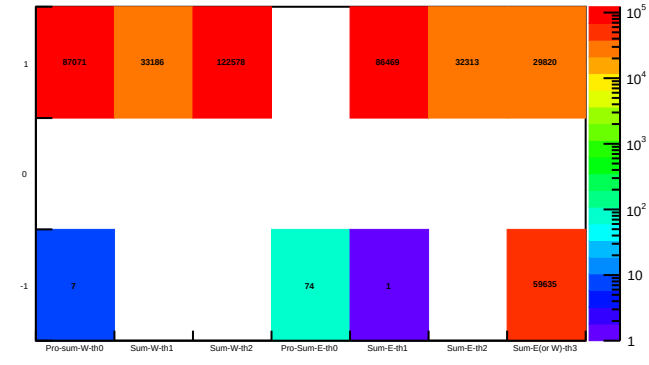
VT201 Input Ch2: ZDC Tac Diff



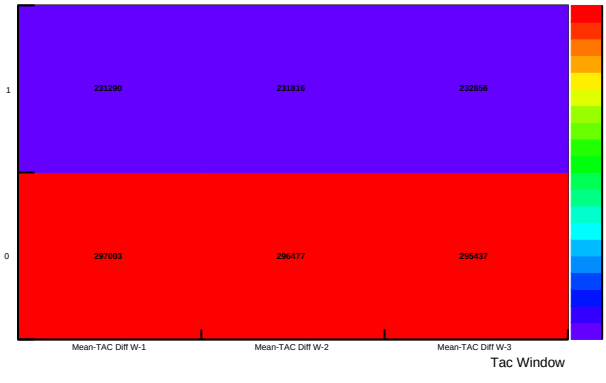
VT201 Input Ch2: ZDC Adc Sum Th



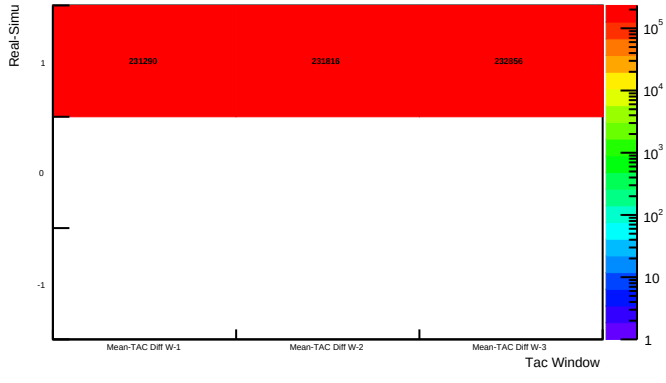
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



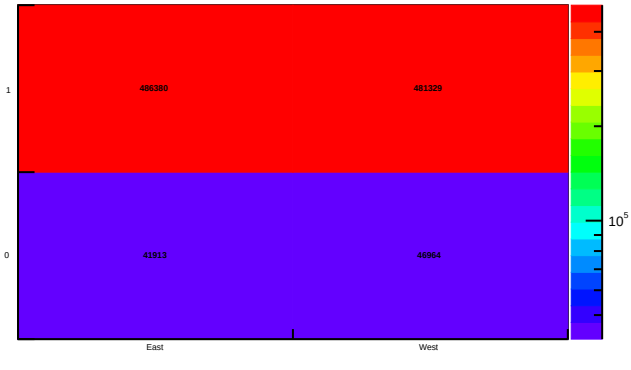
VT201 Input Ch4: VPD Tac Diff



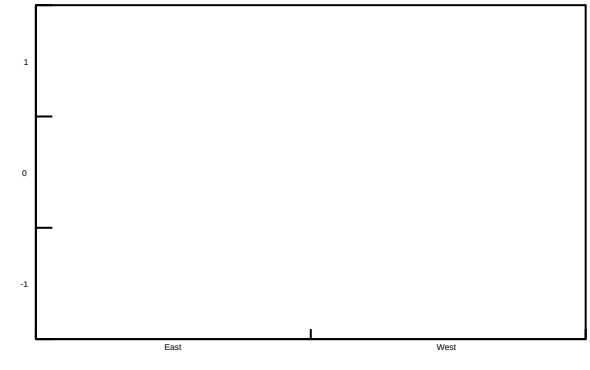
VT201 Input Ch4: VPD Tac Diff

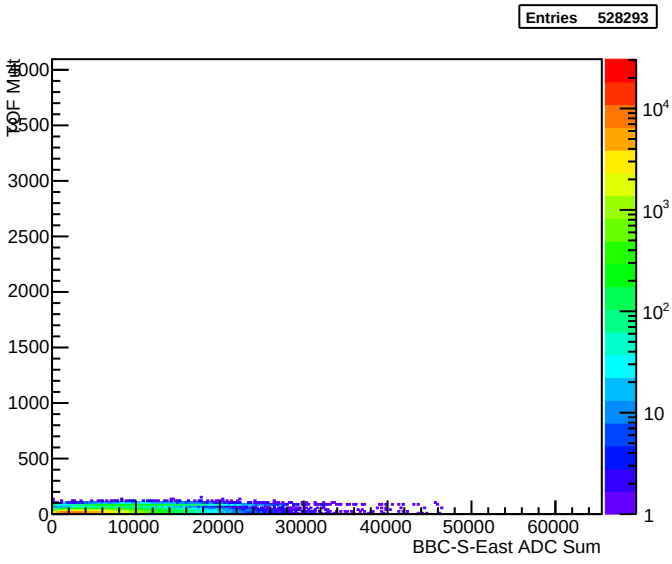


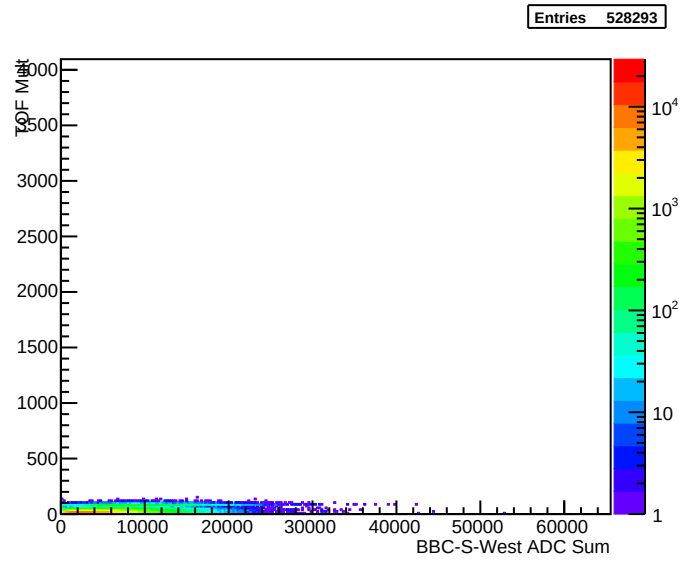
VT201 Input Ch4: VPD Adc Sum Th

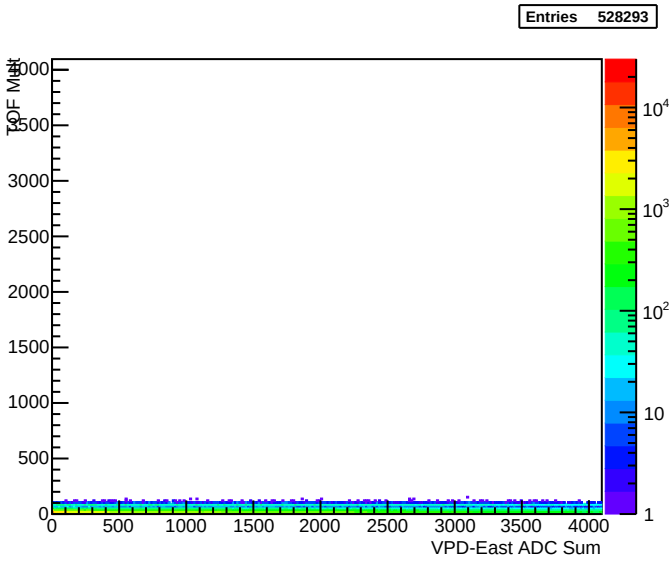


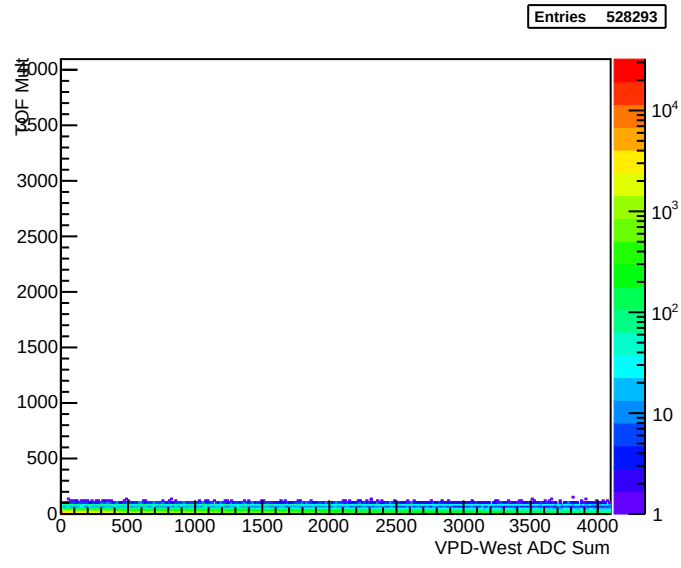
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

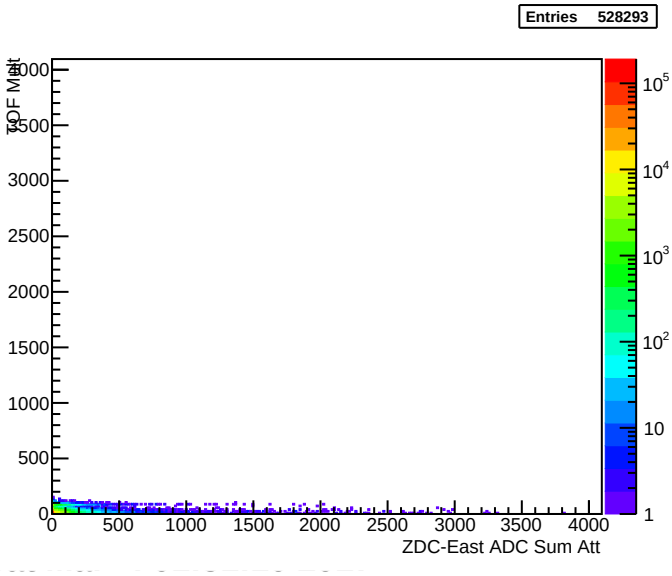


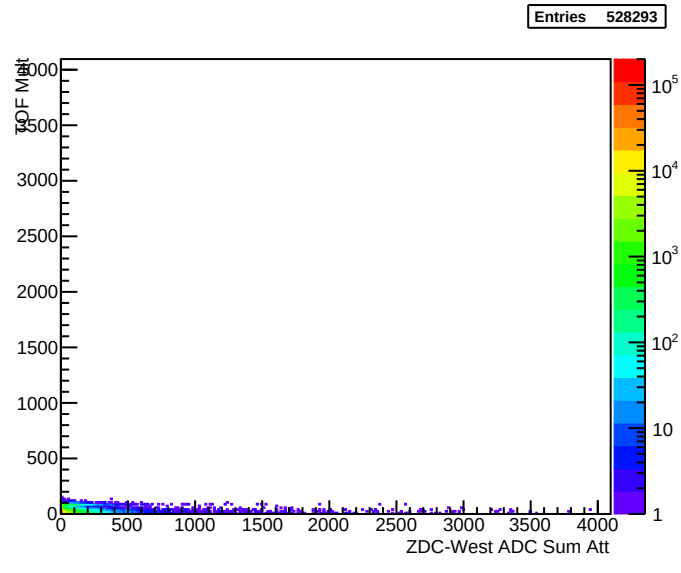

Entries 528293
TOF Mult
BBC-S-East ADC Sum

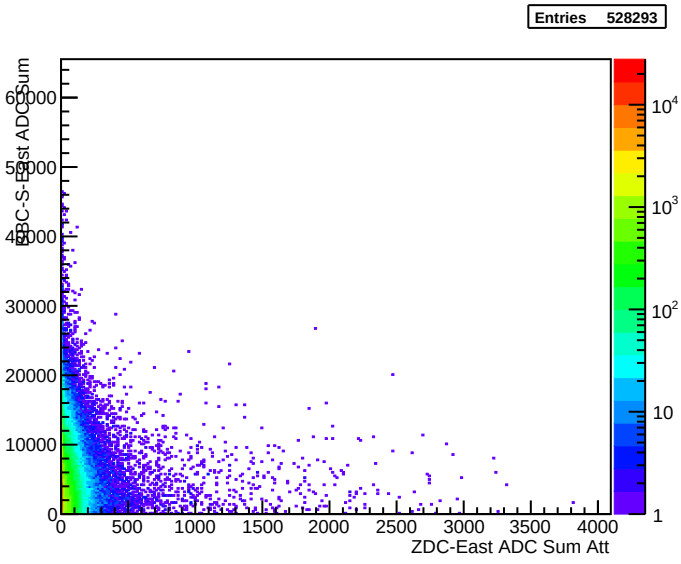

Entries 528293
TOF Mult
BBC-S-West ADC Sum

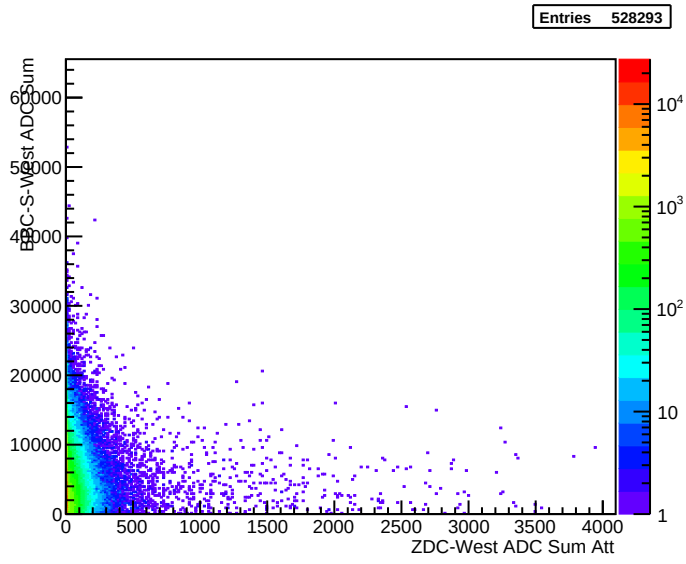

Entries 528293
TOF Mult
VPD-East ADC Sum

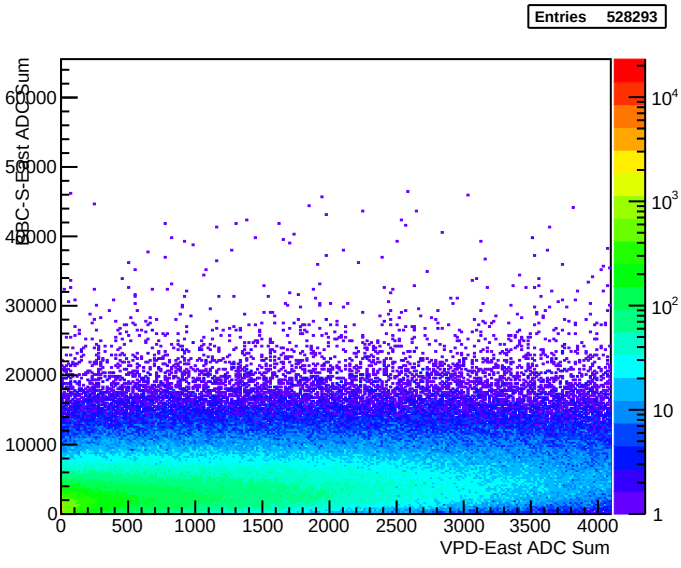

Entries 528293
TOF Mult
VPD-West ADC Sum

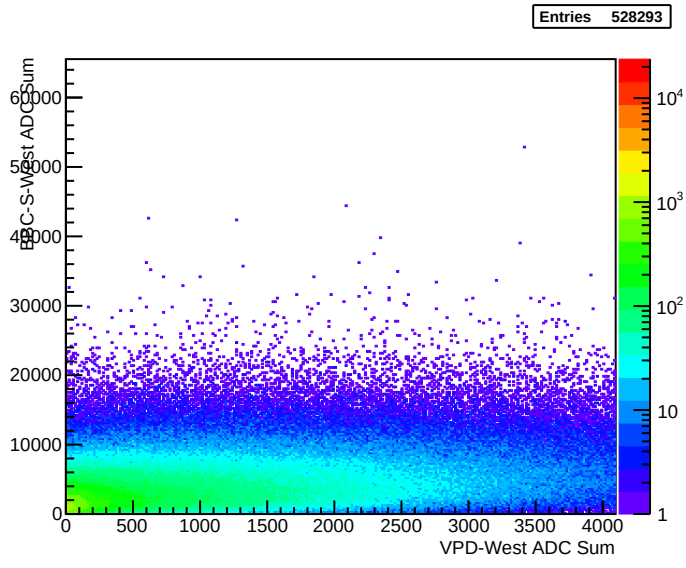

Entries 528293
TOF Mult
ZDC-East ADC Sum Att

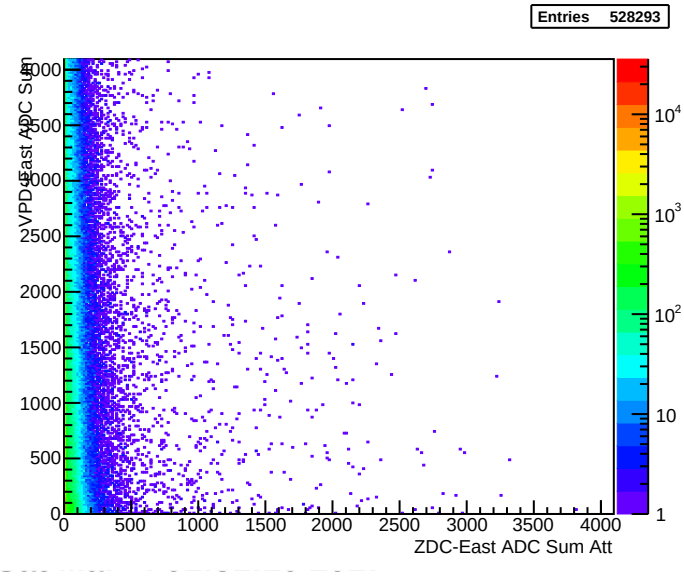

Entries 528293
TOF Mult
ZDC-West ADC Sum Att

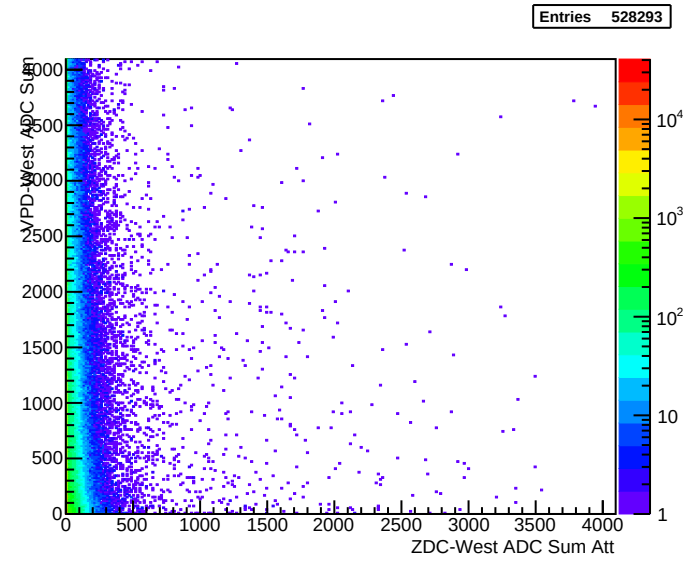

Entries 528293
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

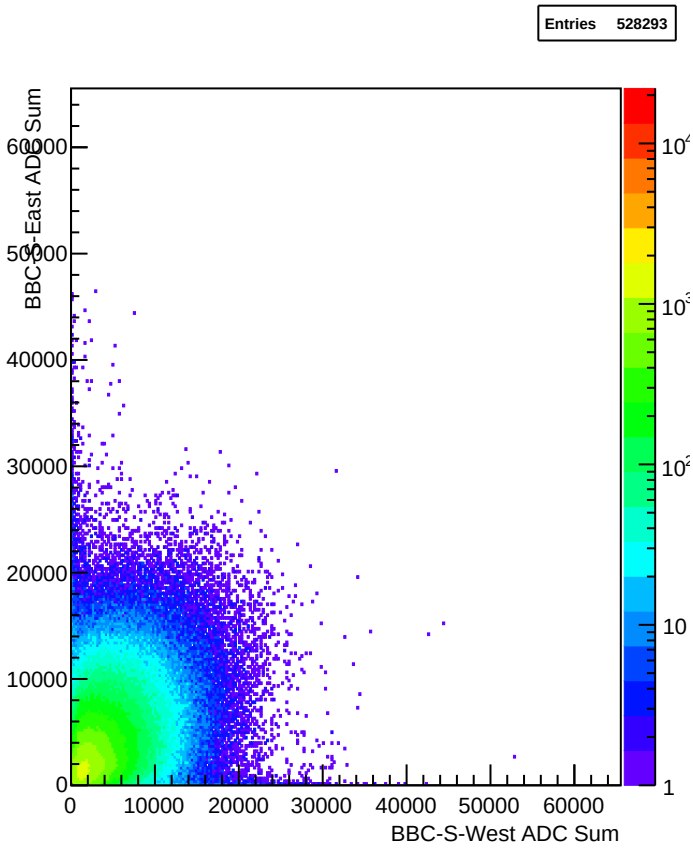

Entries 528293
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

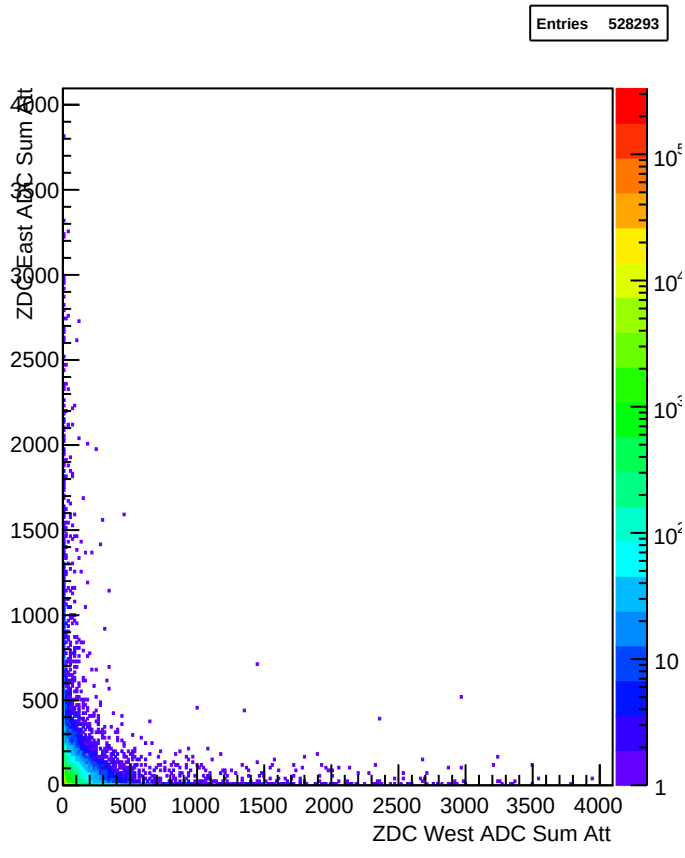

Entries 528293
BBC-S-East ADC Sum
VPD-East ADC Sum

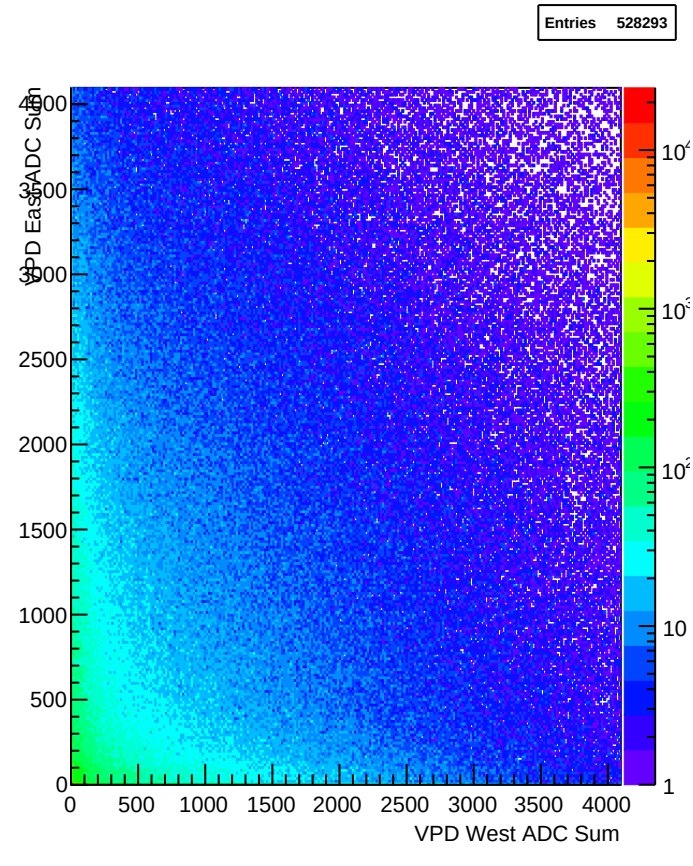

Entries 528293
BBC-S-West ADC Sum
VPD-West ADC Sum

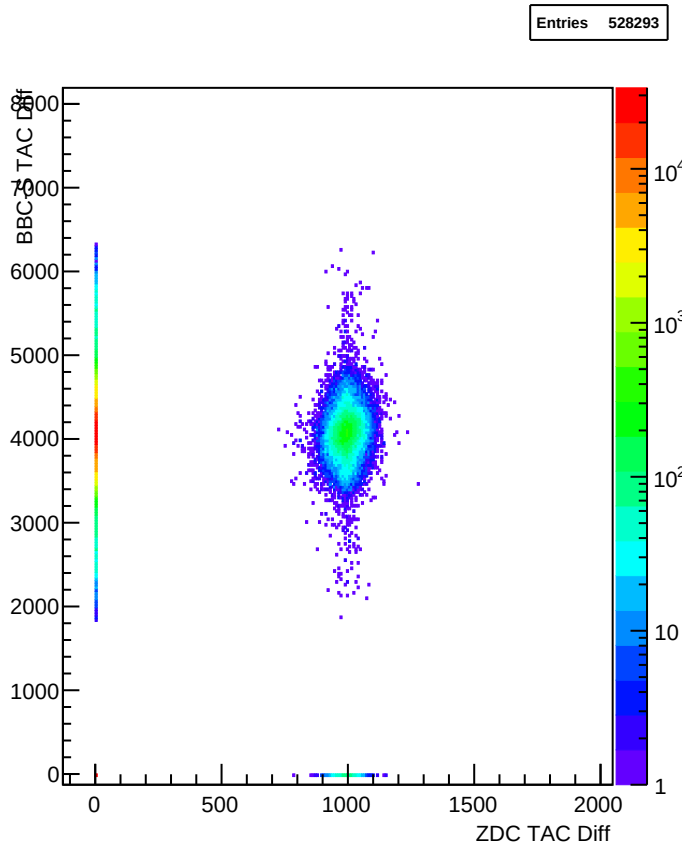

Entries 528293
VPD-East ADC Sum
ZDC-East ADC Sum Att

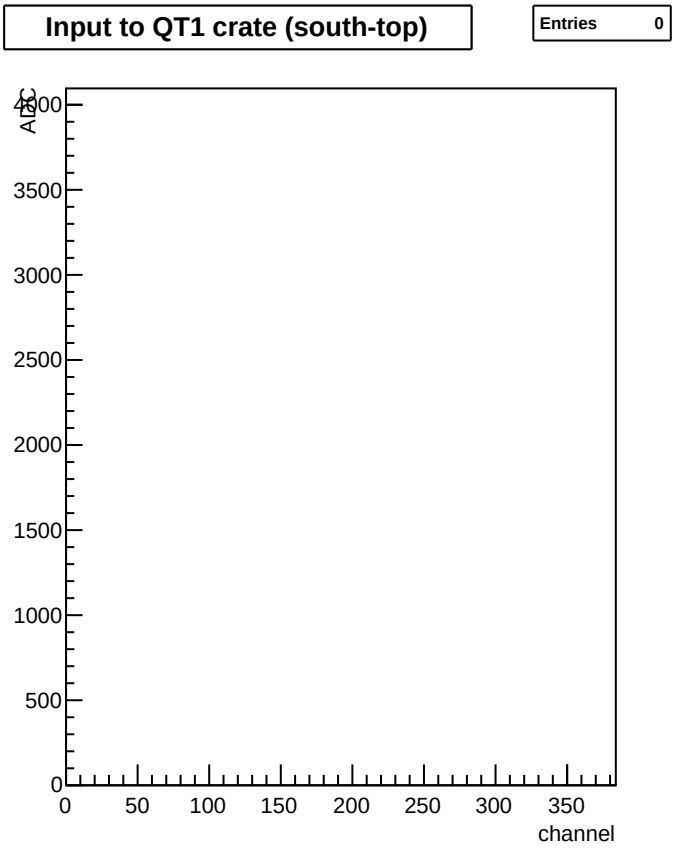

Entries 528293
VPD-West ADC Sum
ZDC-West ADC Sum Att

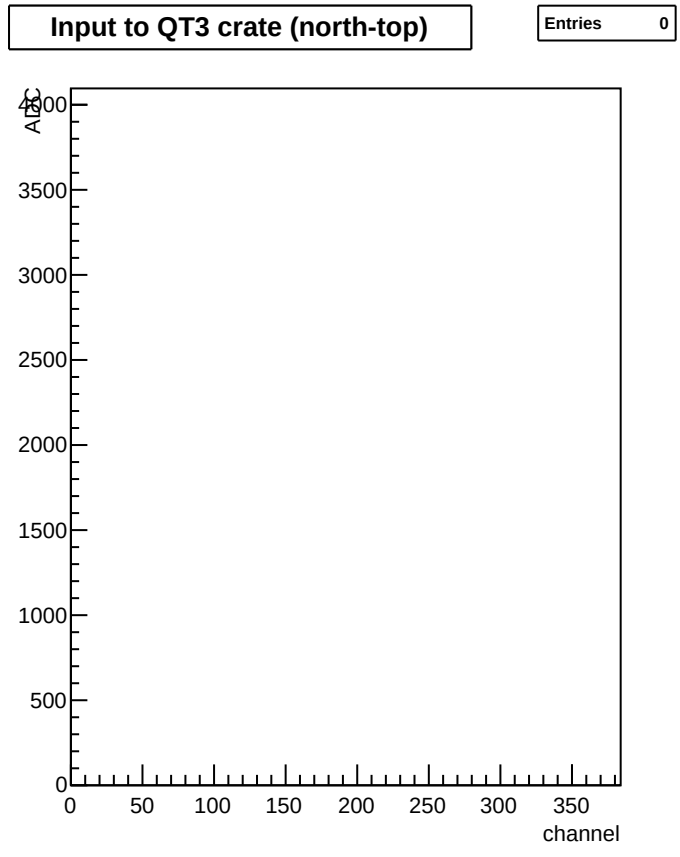

Entries 528293
BBC-S-East ADC Sum
BBC-S-West ADC Sum

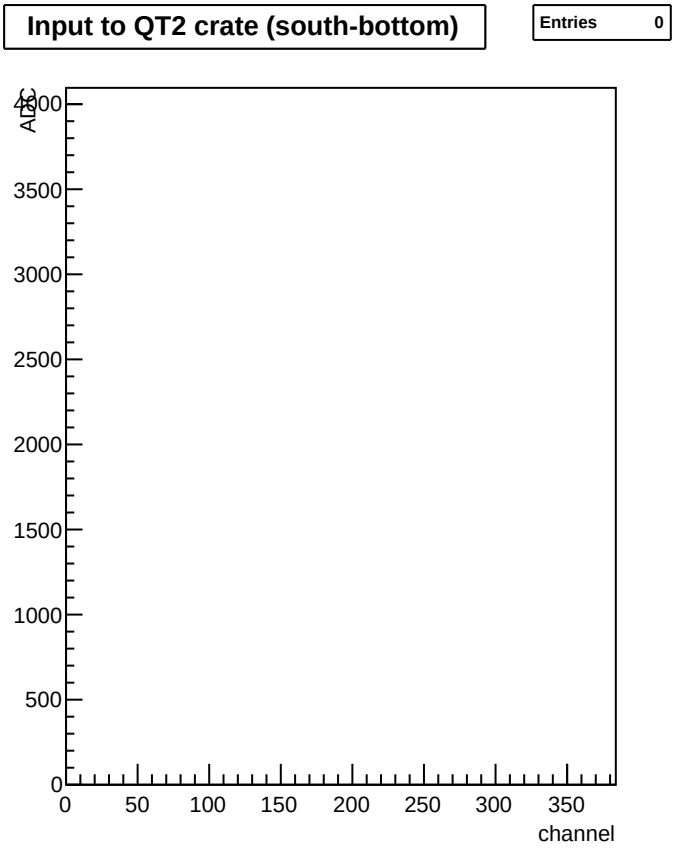

Entries 528293
ZDC East ADC Sum Att
ZDC West ADC Sum Att

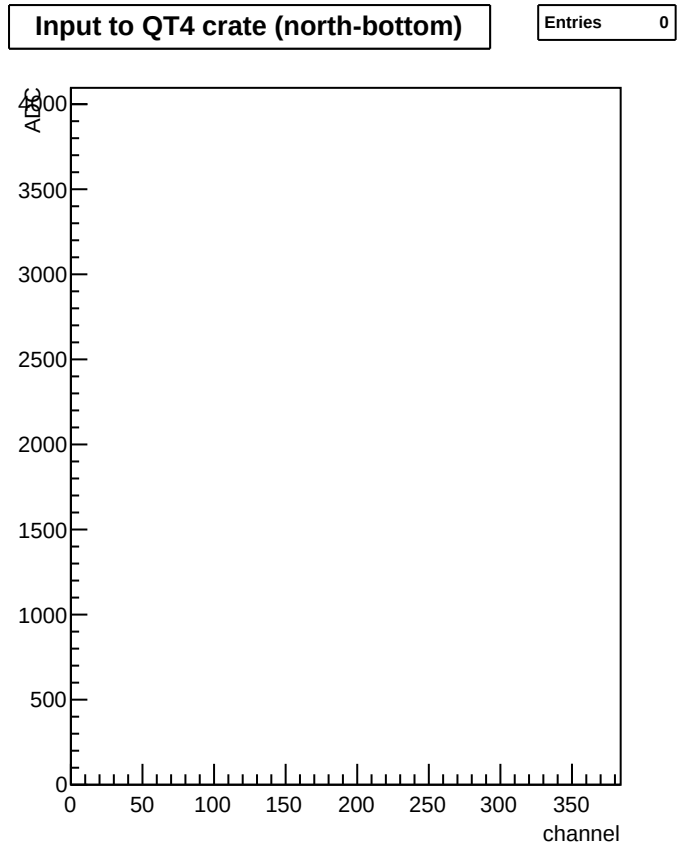

Entries 528293
VPD East ADC Sum
VPD West ADC Sum

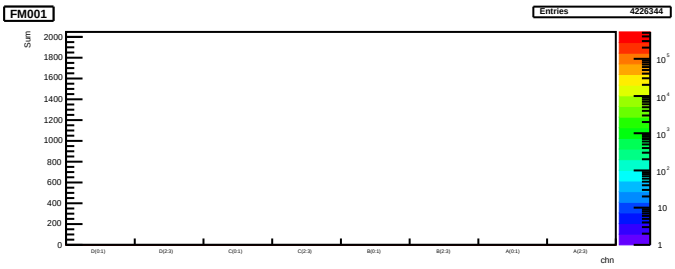

Entries 528293
BBC-S TAC Diff
ZDC TAC Diff

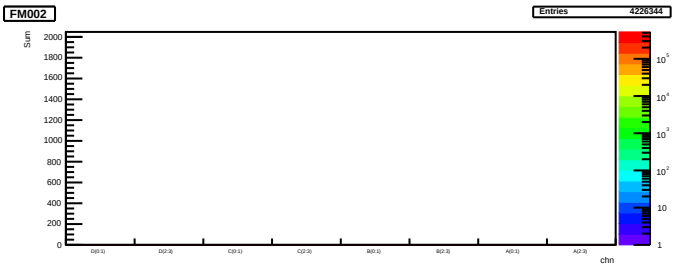

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

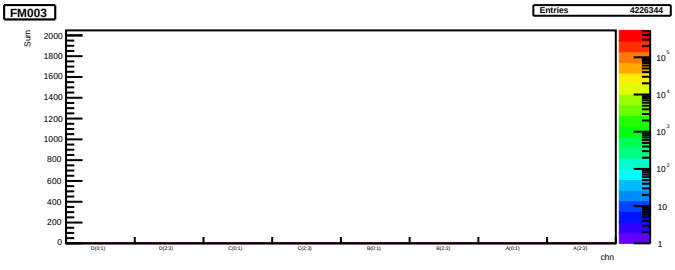

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

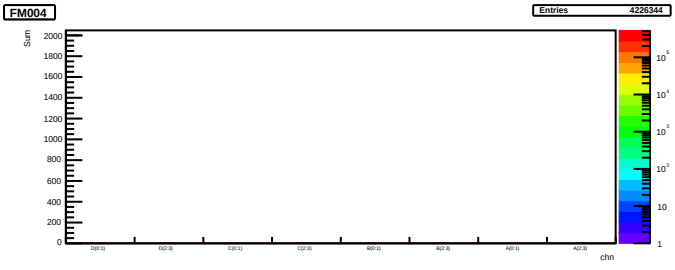

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

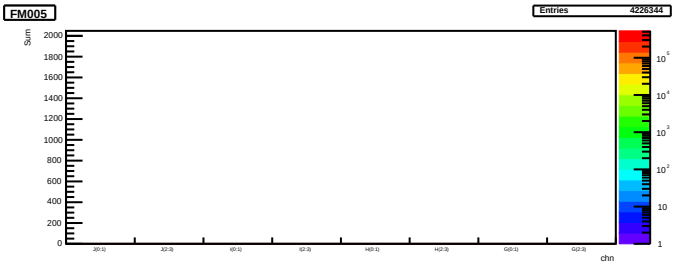

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

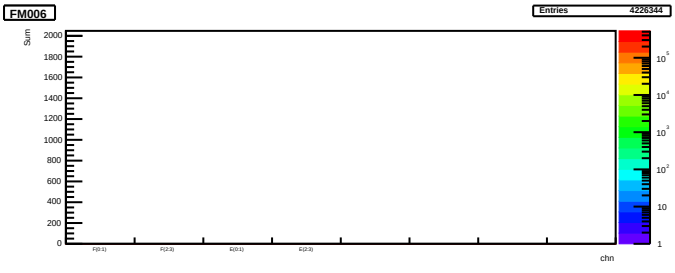

FM001
Entries 4226344
Sum
chn

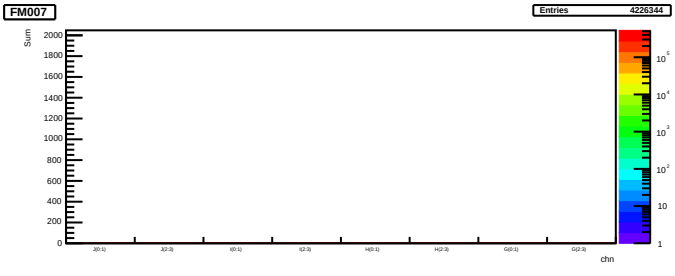

FM002
Entries 4226344
Sum
chn

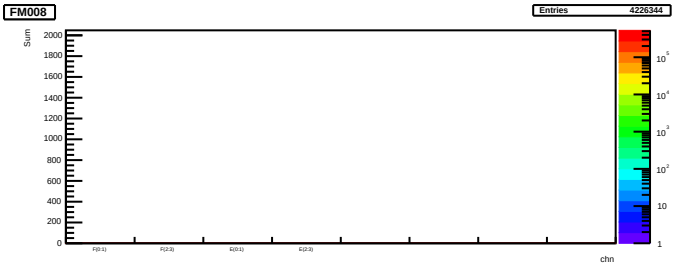

FM003
Entries 4226344
Sum
chn

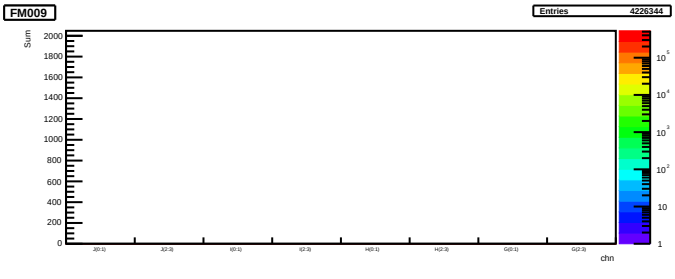

FM004
Entries 4226344
Sum
chn

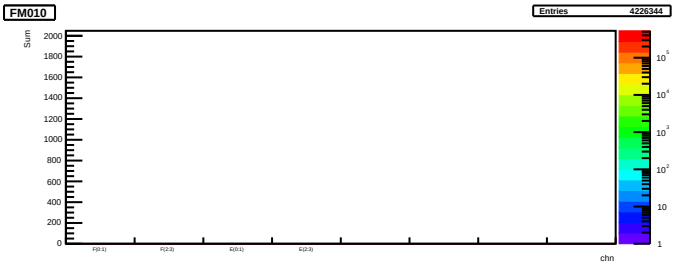

FM005
Entries 4226344
Sum
chn

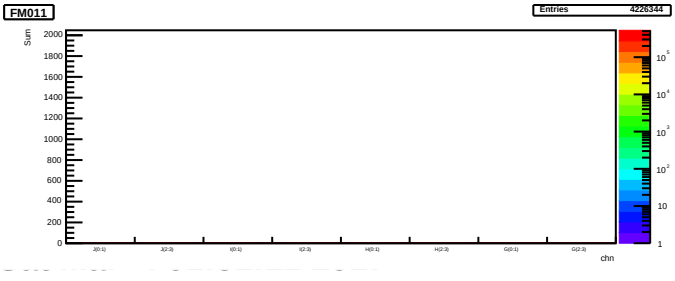

FM006
Entries 4226344
Sum
chn


FM007
Entries 4226344
Sum
chn


FM008
Entries 4226344
Sum
chn


FM009
Entries 4226344
Sum
chn


FM010
Entries 4226344
Sum
chn


FM011
Entries 4226344
Sum
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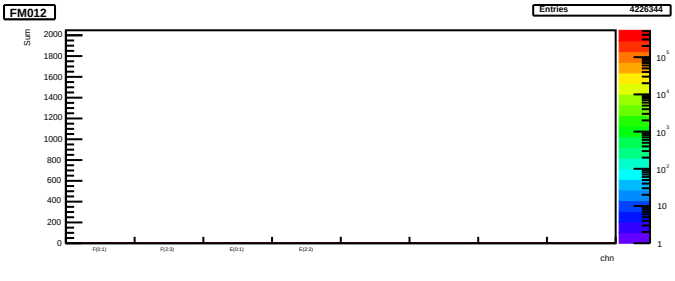
FM012
Entries 4226344
Sum
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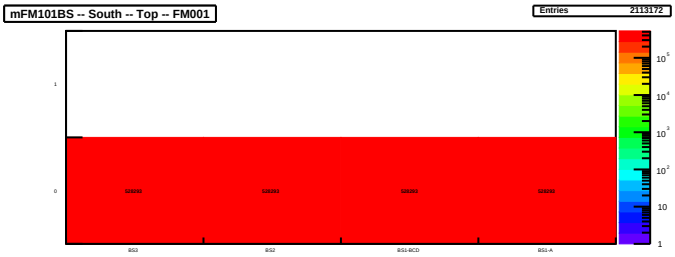
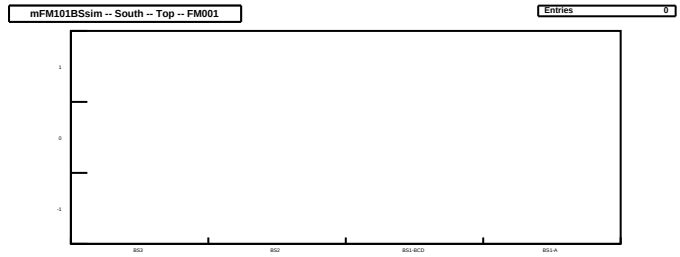
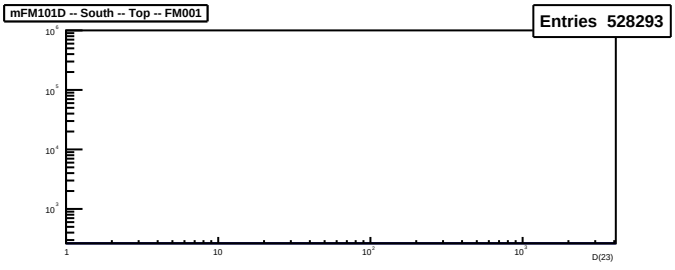
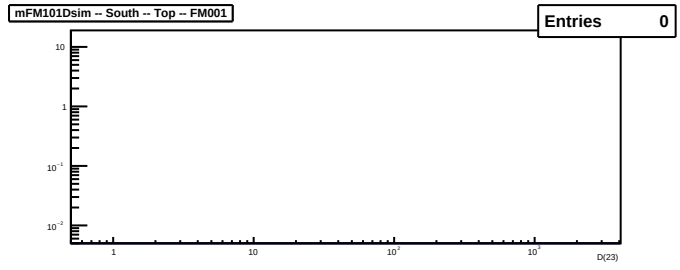

mFM101BS -- South -- Top -- FM001
Entries 2113172
528293
528293
528293
528293
BS3
BS2
BS1-BCD
BS1-A


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


mFM101D -- South -- Top -- FM001
Entries 528293
D(23)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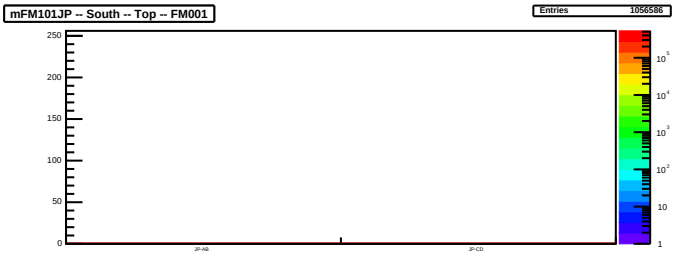
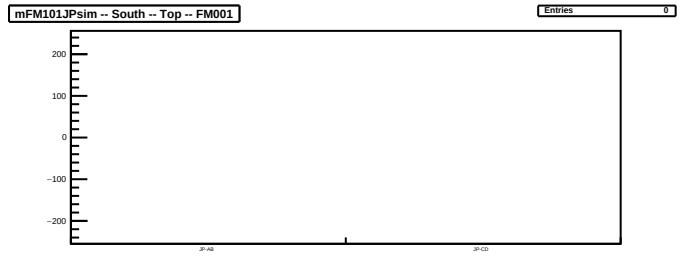
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 1056586
JP-AB
JP-CD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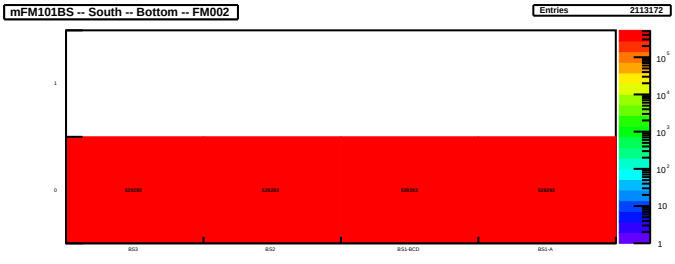
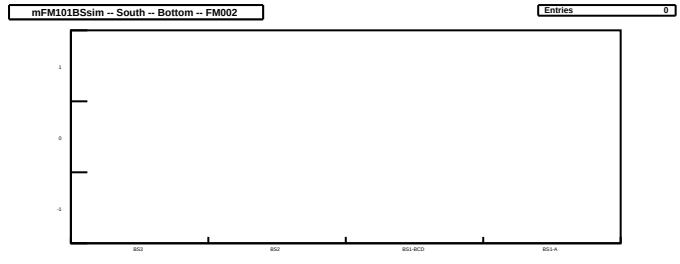
Entries 0
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 2113172
528293
528293
528293
528293
BS3
BS2
BS1-BCD
BS1-A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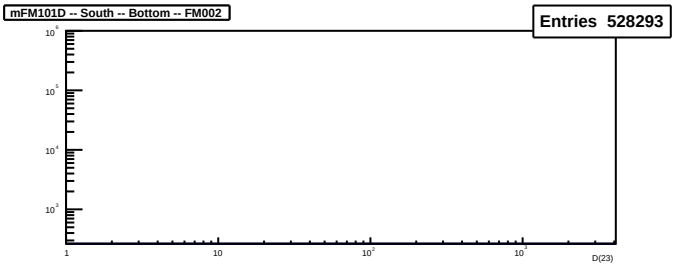
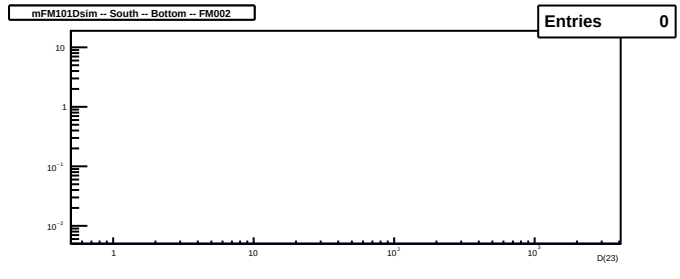
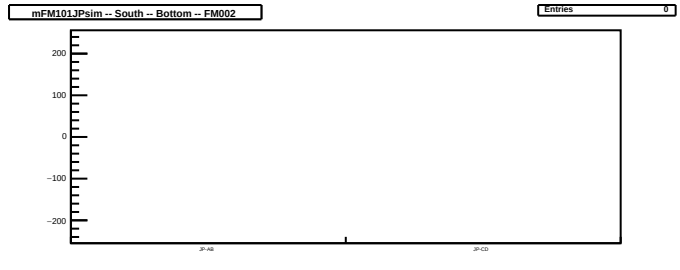
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 528293
D(23)


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

mFM101JP -- South -- Bottom -- FM002
Entries 1056586
JP-AB
JP-CD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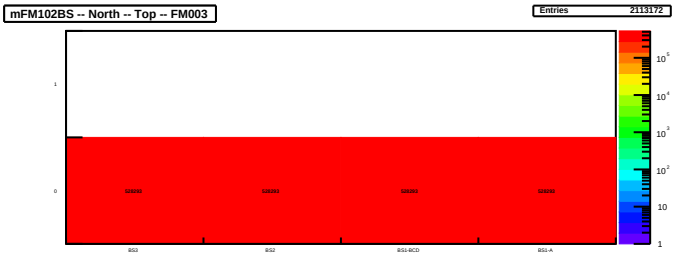
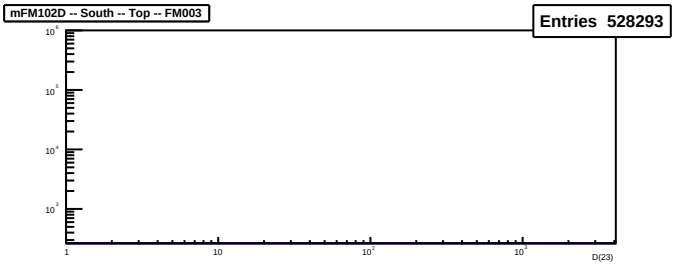
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 2113172
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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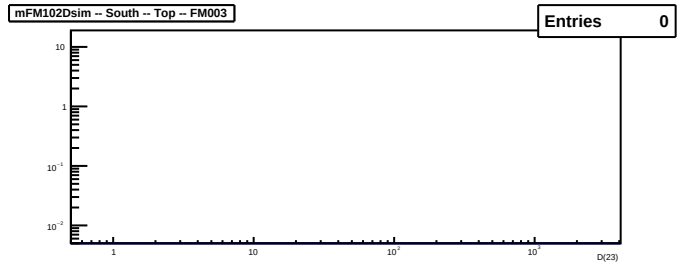
Entries 528293
D(23)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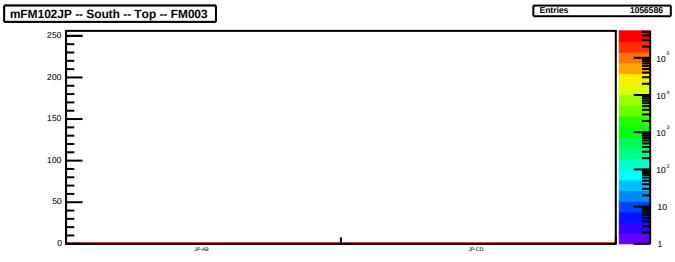
Entries 0
D(23)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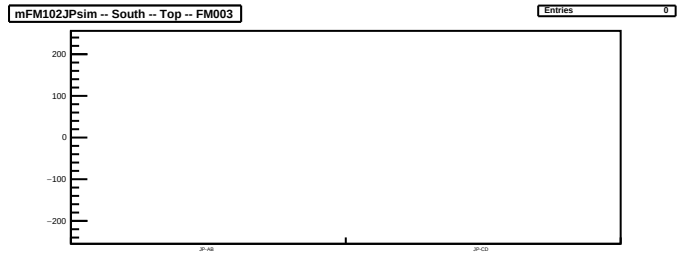
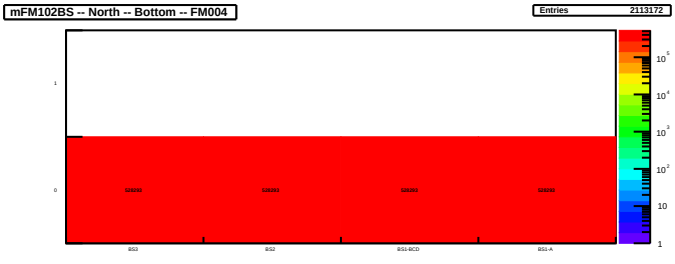
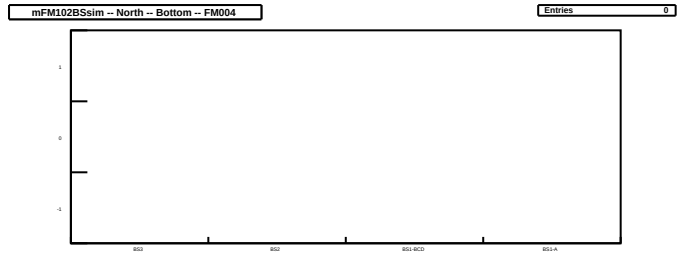
Entries 1056586
JP-AB
JP-CD


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


mFM102BS -- North -- Bottom -- FM004
Entries 2113172
BS3
BS2
BS1-BCD
BS1-A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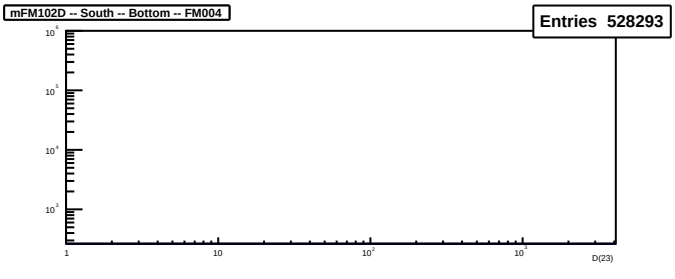
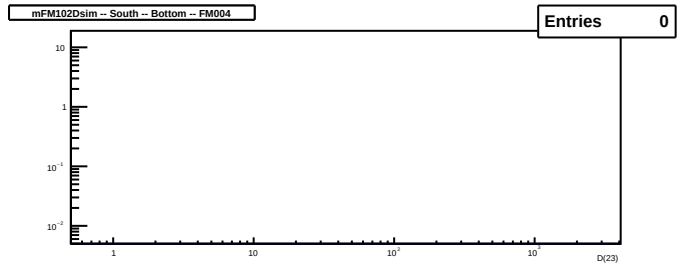
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 528293
D(23)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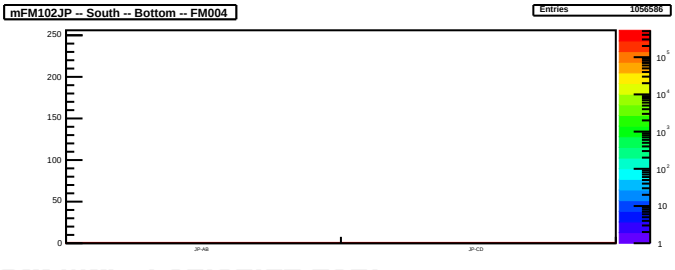
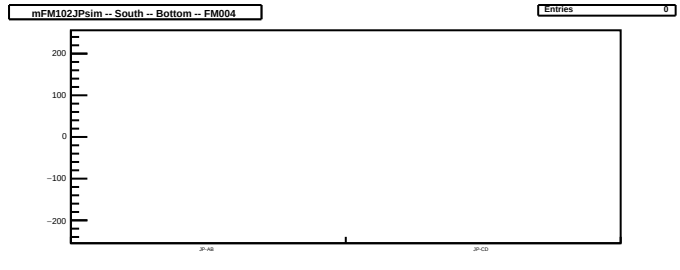
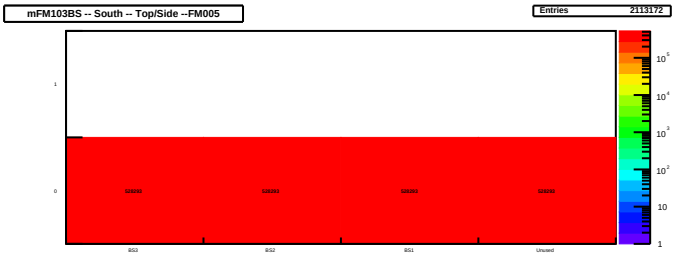
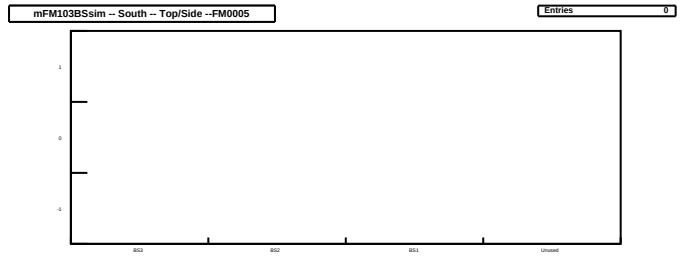
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 1056586
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 2113172
BS3
BS2
BS1
Unused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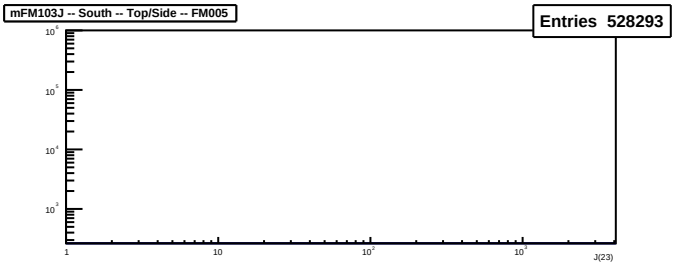
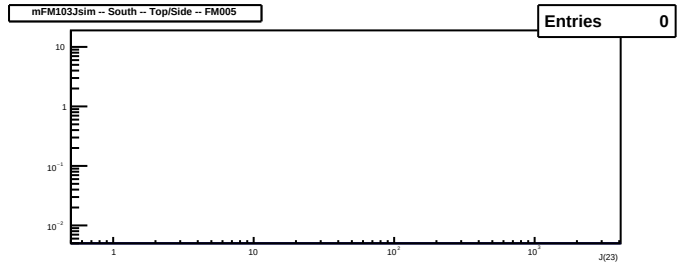
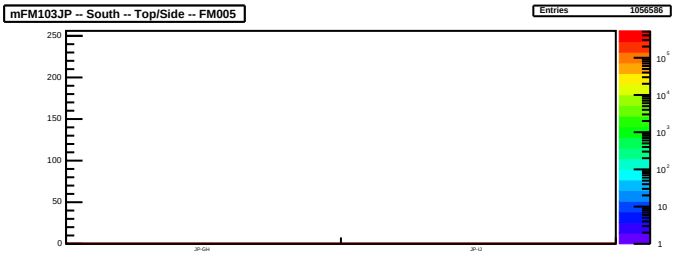
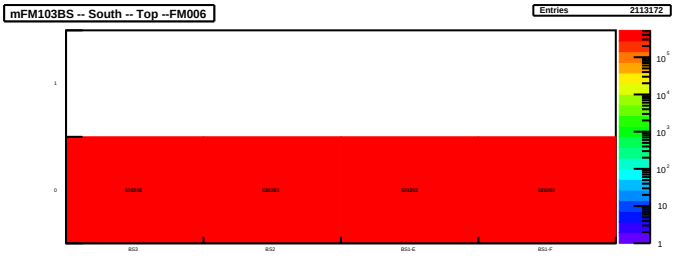
Entries 0
BS3
BS2
BS1
Unused

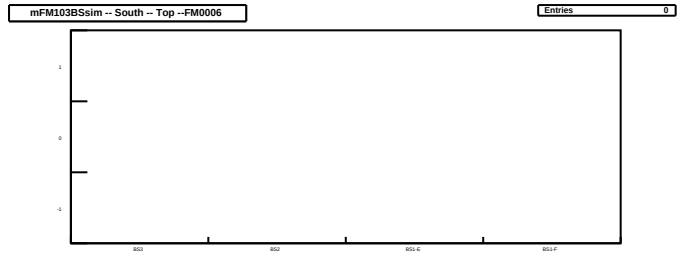

mFM103J -- South -- Top/Side -- FM005
Entries 528293
J(23)

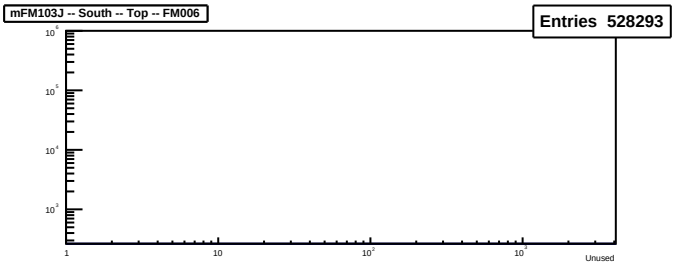

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

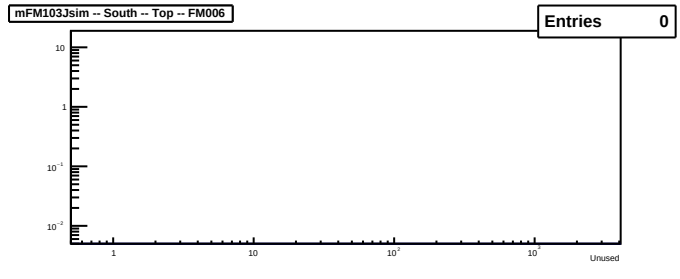

mFM103JP -- South -- Top/Side -- FM005
Entries 1056586
JP-GH
JP-IJ

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


mFM103BS -- South -- Top --FM006
Entries 2113172
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Top -- FM006
Entries 528293
Unused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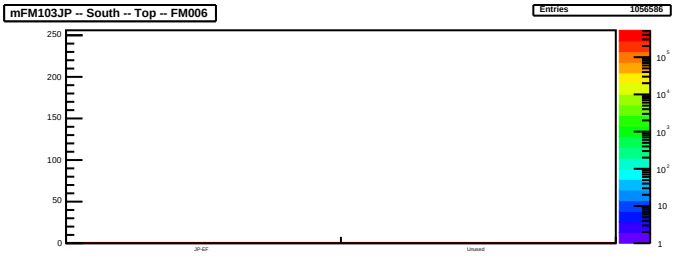
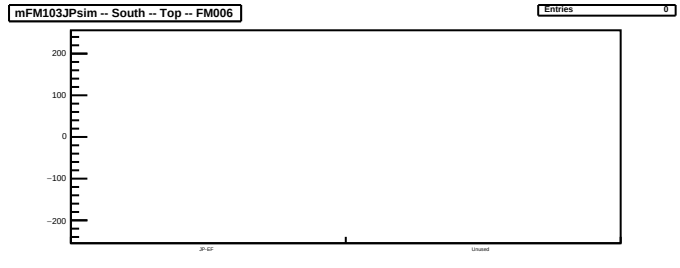
Entries 0
Unused


mFM103JP -- South -- Top -- FM006
Entries 1056586
JP-EF
Unused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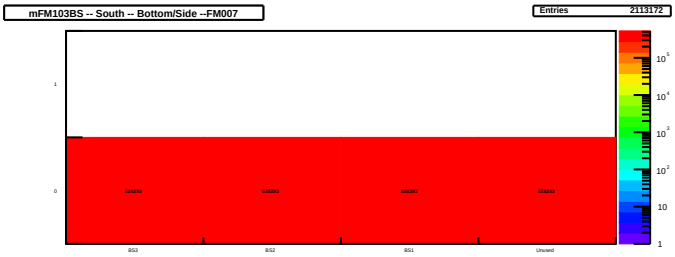
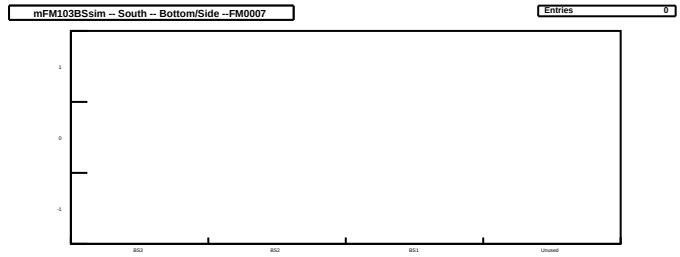
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 2113172
528293
528293
528293
528293
BS3
BS2
BS1
Unused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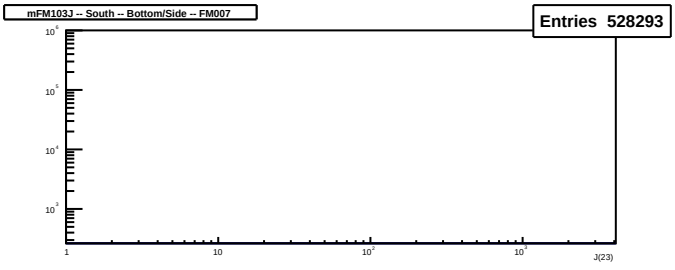
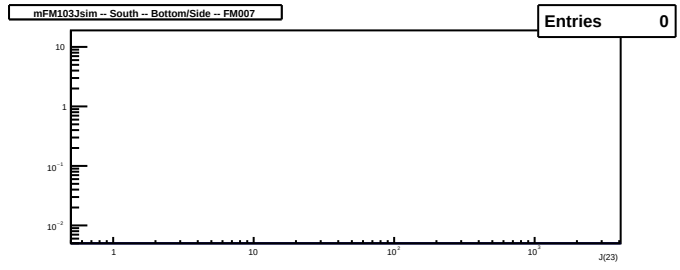
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 528293
J(23)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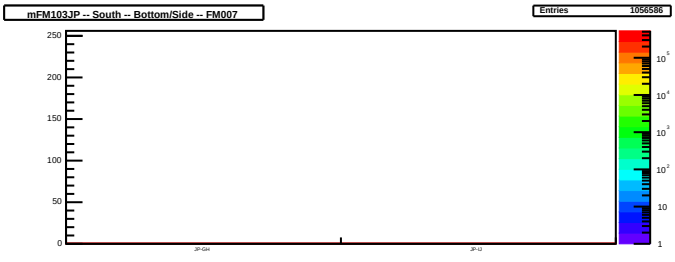
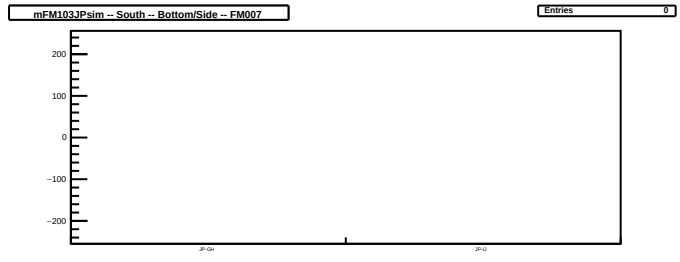
Entries 0
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 1056586
JP-GH
JP-U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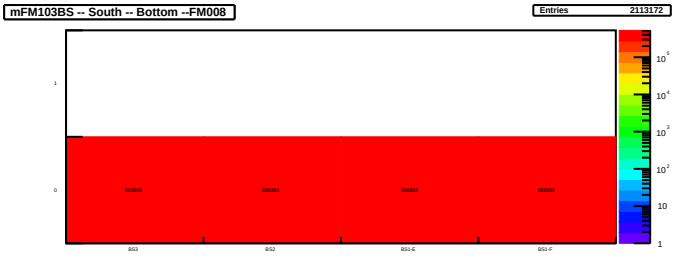
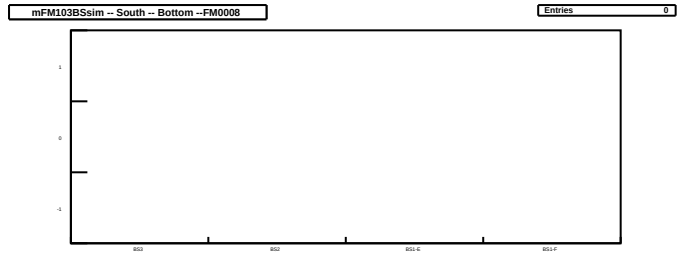
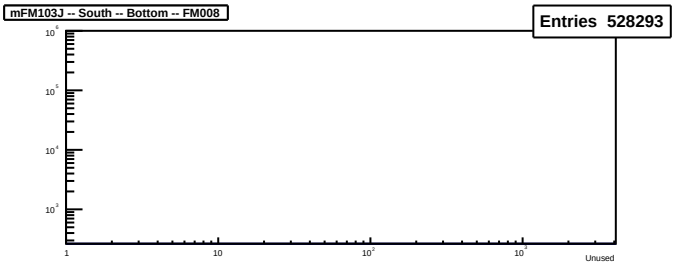
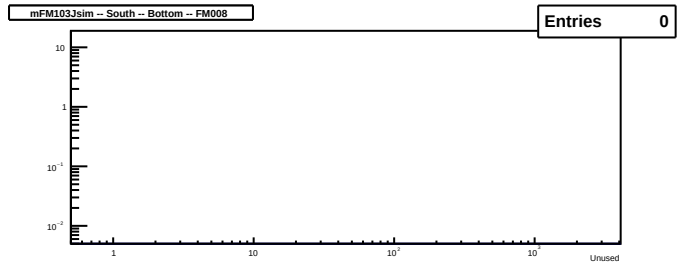
Entries 0
JP-GH
JP-U

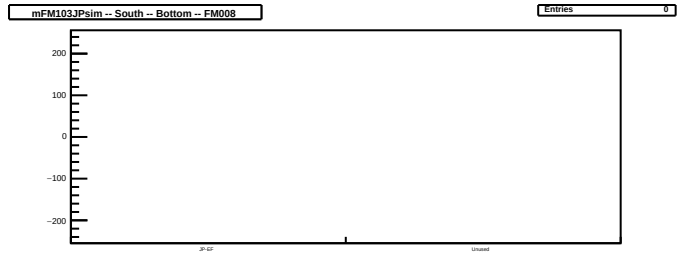

mFM103BS -- South -- Bottom --FM008
Entries 2113172
528293
528293
528293
528293
BS3
BS2
BS1-E
BS1-F

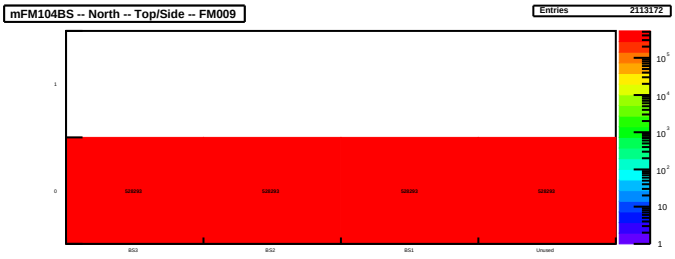

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F

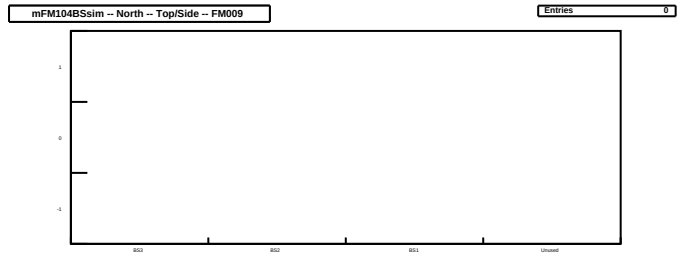

mFM103J -- South -- Bottom -- FM008
Entries 528293
Unused

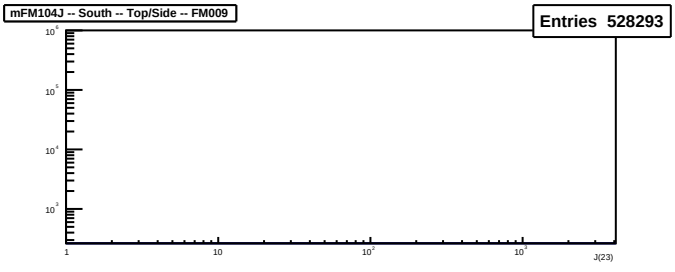

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

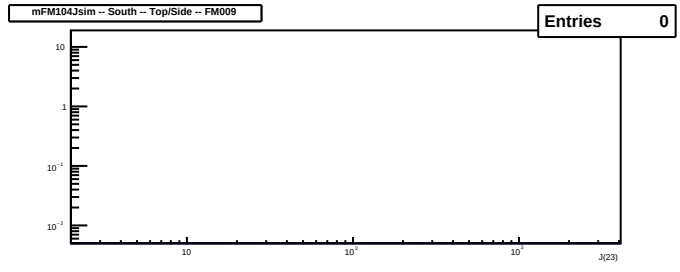
mFM103JP -- South -- Bottom -- FM008
Entries 1056586
JP-EF
Unused

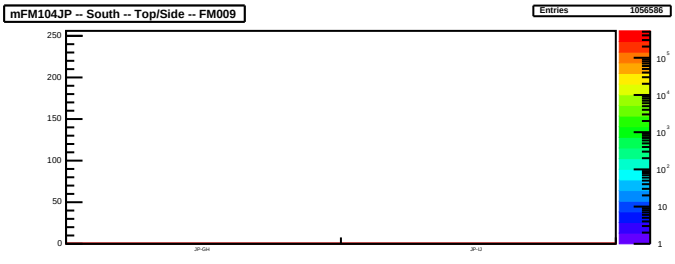

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

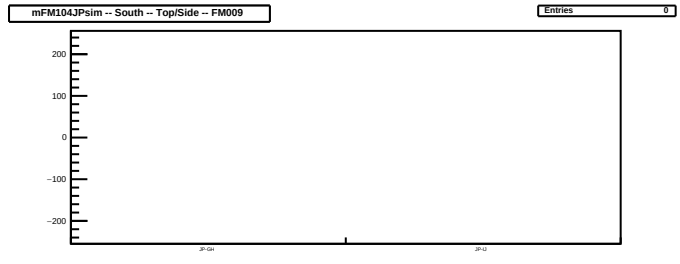

mFM104BS -- North -- Top/Side -- FM009
Entries 2113172
BS3
BS2
BS1
Unused

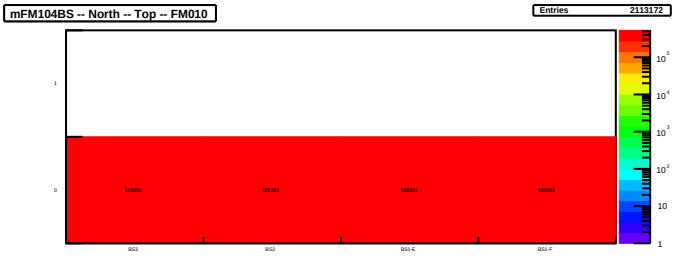

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

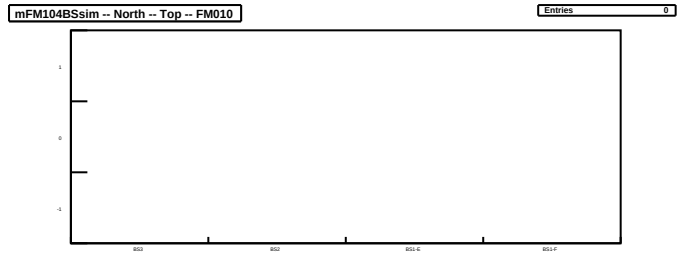

mFM104J -- South -- Top/Side -- FM009
Entries 528293
J(23)

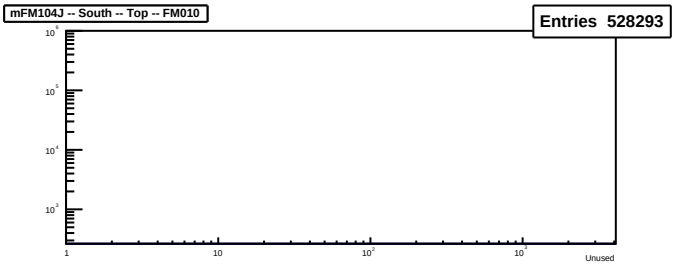

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

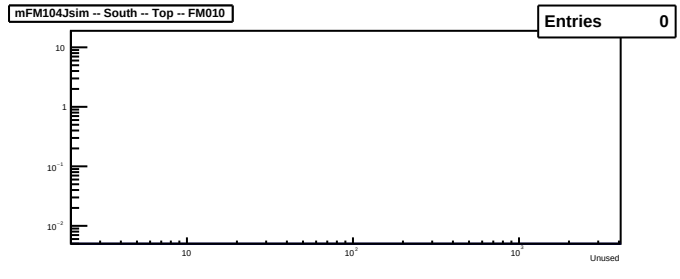

mFM104JP -- South -- Top/Side -- FM009
Entries 1056586
JP-GH
JP-U

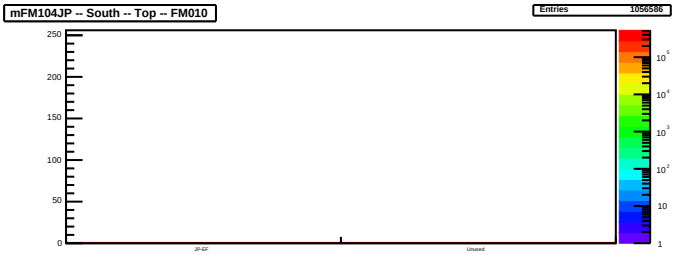

mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-U


mFM104BS -- North -- Top -- FM010
Entries 2113172
BS3
BS2
BS1-E
BS1-F

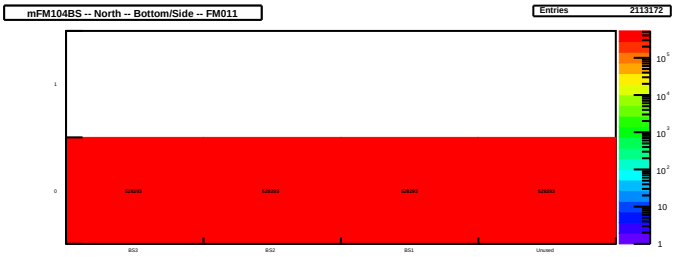

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

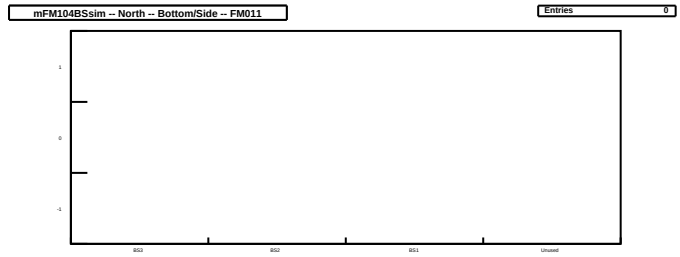

mFM104J -- South -- Top -- FM010
Entries 528293
Unused

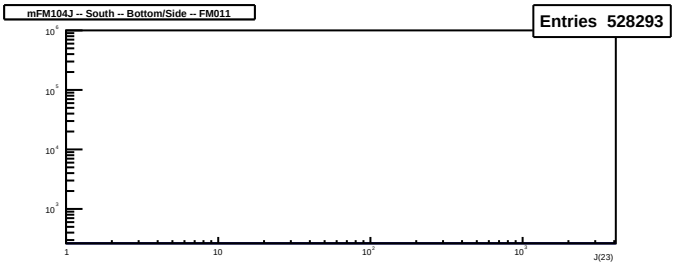

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

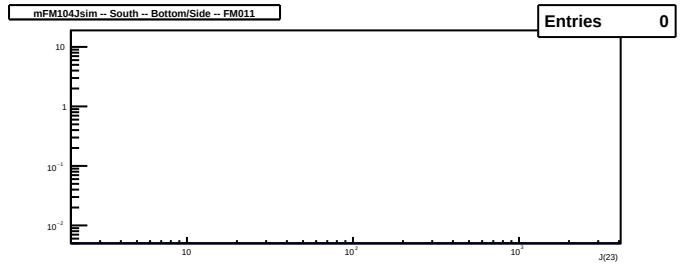

mFM104JP -- South -- Top -- FM010
Entries 1056586
JP-EF
Unused

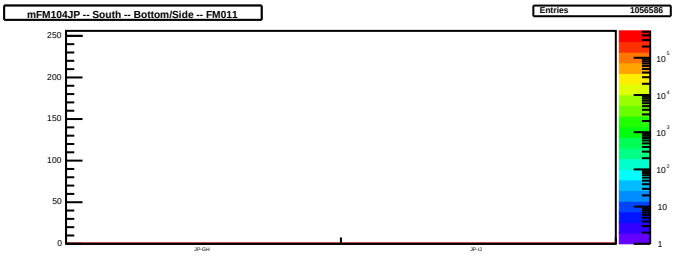
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

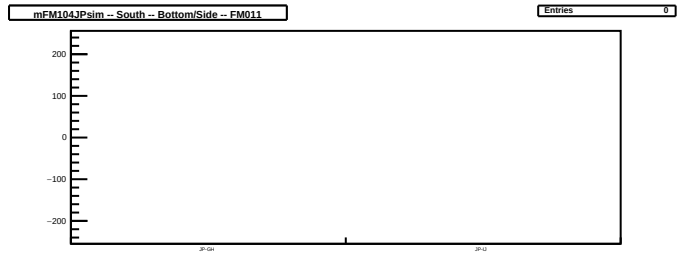

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2113172
BS3
BS2
BS1
Unused

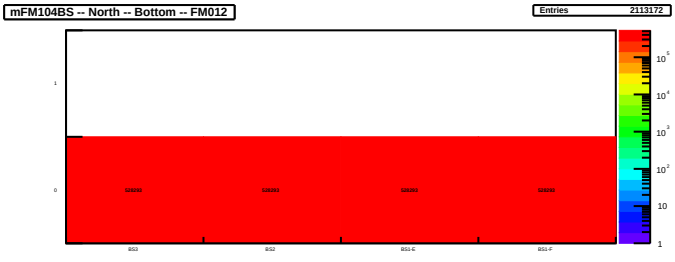

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

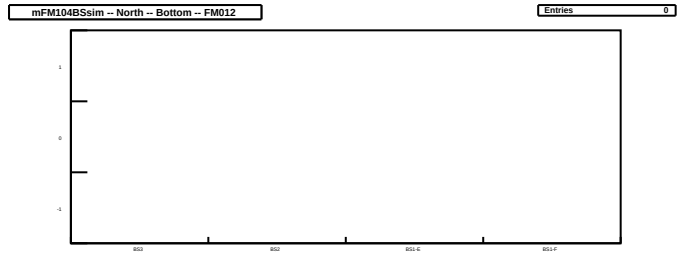

mFM104J -- South -- Bottom/Side -- FM011
Entries 528293
J(23)

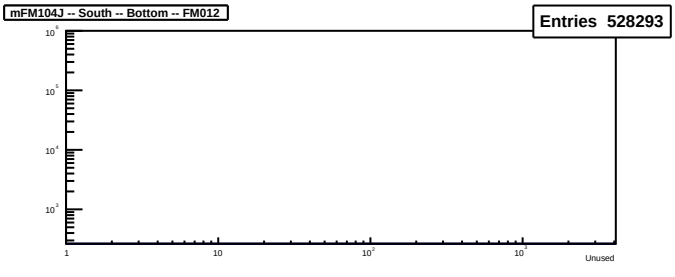

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

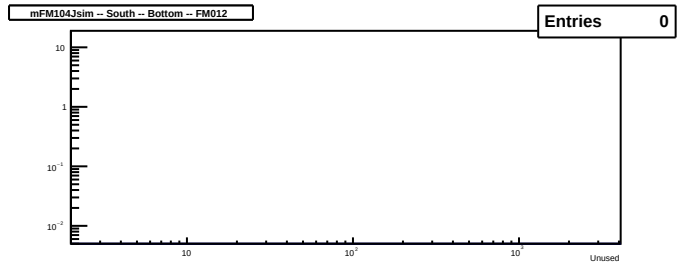

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1056586
JP-GH
JP-IJ


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

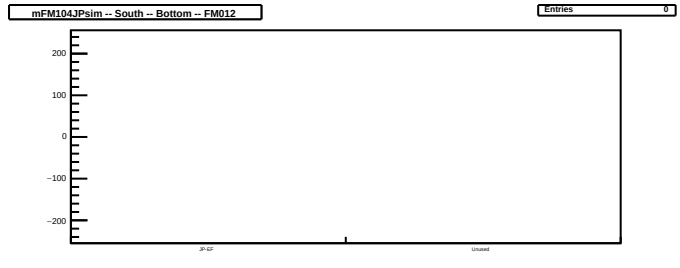

mFM104BS -- North -- Bottom -- FM012
Entries 2113172
BS3
BS2
BS1-E
BS1-F

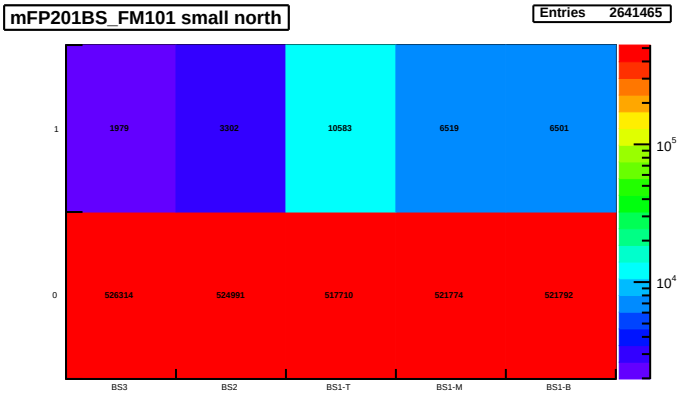

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

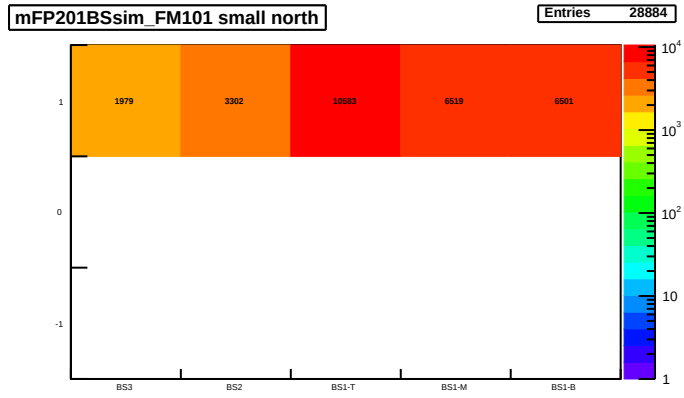

mFM104J -- South -- Bottom -- FM012
Entries 528293
Unused

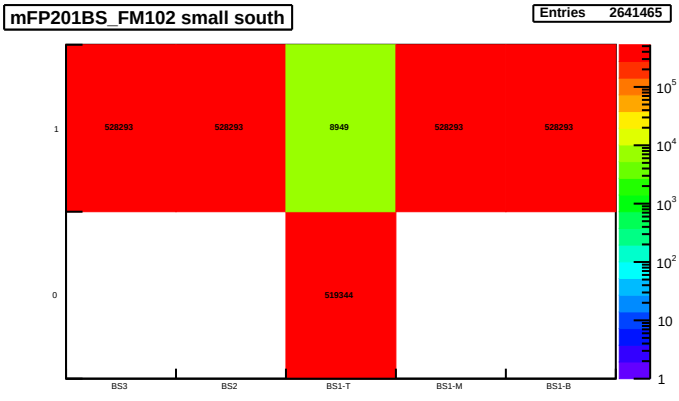

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

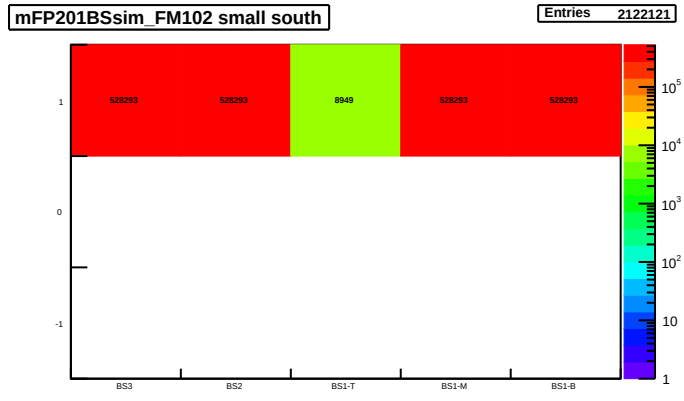
mFM104JP -- South -- Bottom -- FM012
Entries 1056586
JP-EF
Unused

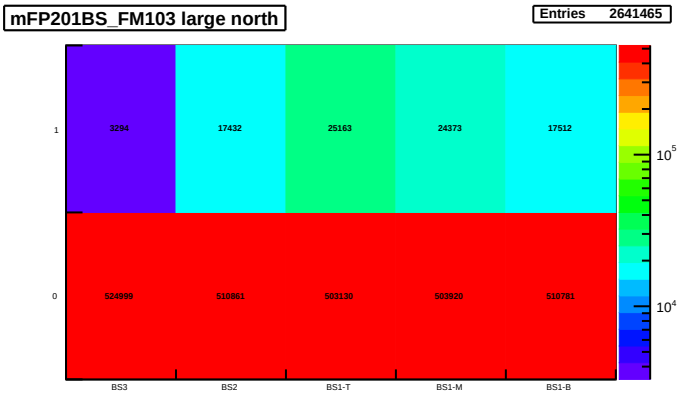

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

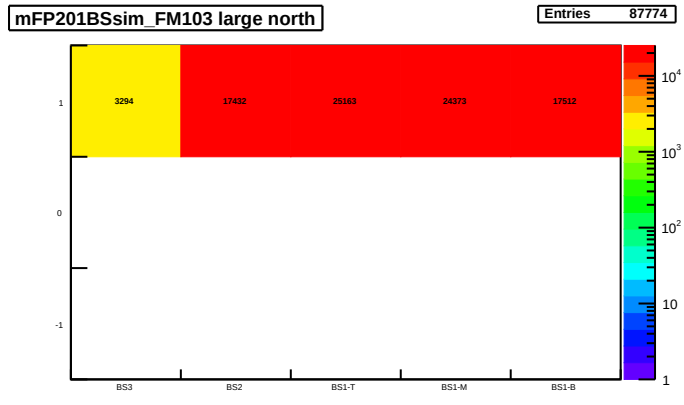

mFP201BS_FM101 small north
Entries 2641465
1979
3302
10583
6519
6501
526314
524991
517710
521774
521792
BS3
BS2
BS1-T
BS1-M
BS1-B

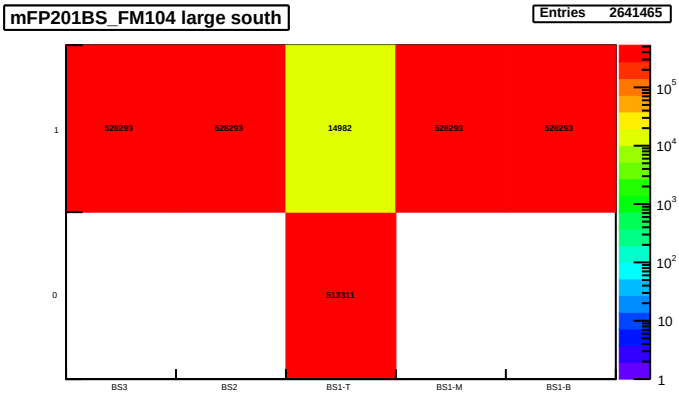

mFP201BSsim_FM101 small north
Entries 28884
1979
3302
10583
6519
6501
BS3
BS2
BS1-T
BS1-M
BS1-B

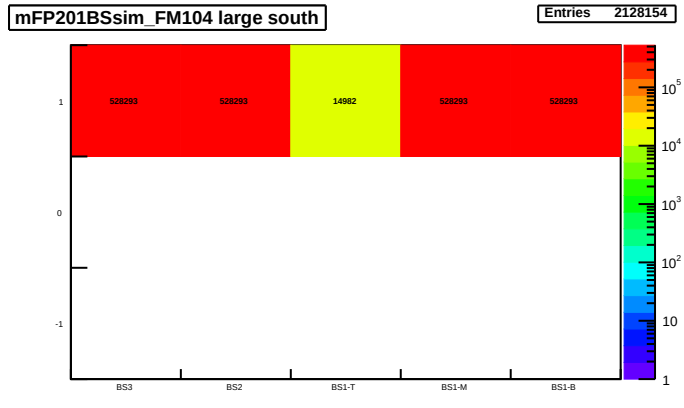

mFP201BS_FM102 small south
Entries 2641465
528293
528293
8949
528293
528293
519344
BS3
BS2
BS1-T
BS1-M
BS1-B

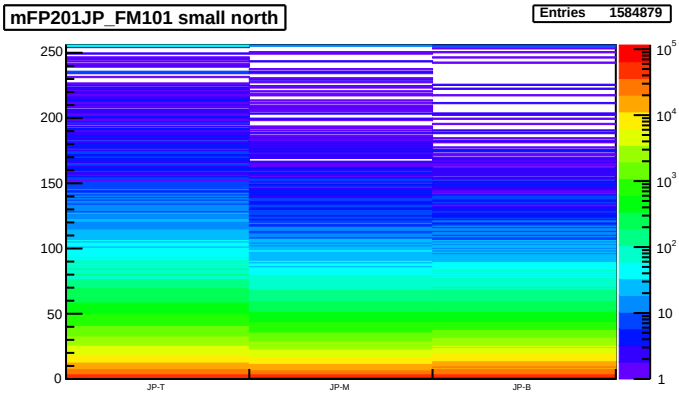

mFP201BSsim_FM102 small south
Entries 2122121
528293
528293
8949
528293
528293
BS3
BS2
BS1-T
BS1-M
BS1-B

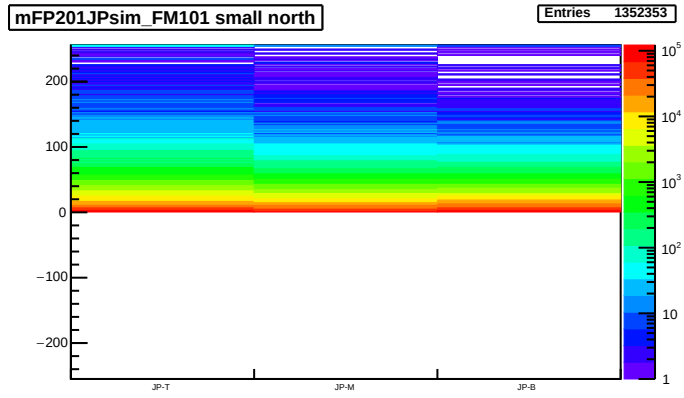

mFP201BS_FM103 large north
Entries 2641465
3294
17432
25163
24373
17512
524999
510861
503130
503920
510781
BS3
BS2
BS1-T
BS1-M
BS1-B

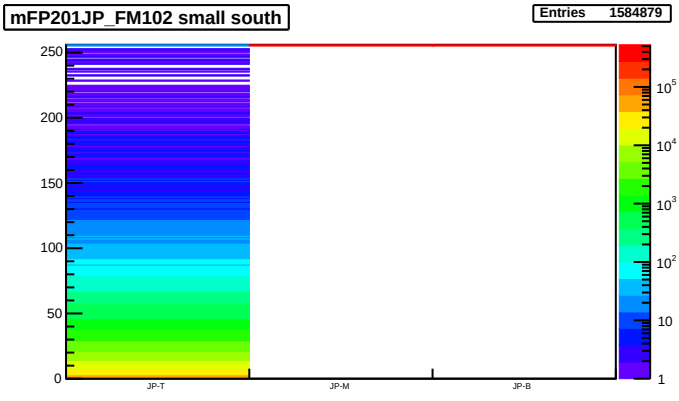

mFP201BSsim_FM103 large north
Entries 87774
3294
17432
25163
24373
17512
BS3
BS2
BS1-T
BS1-M
BS1-B

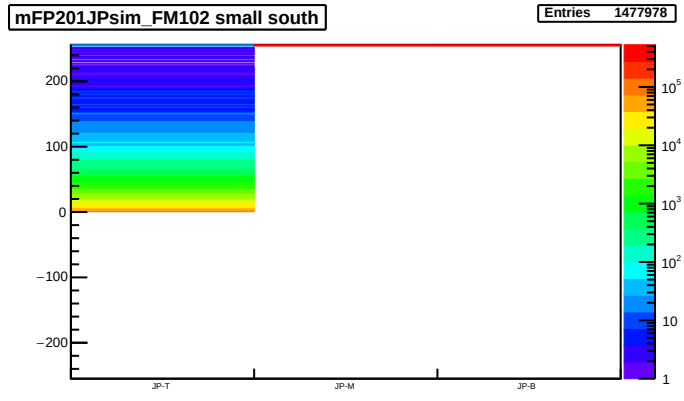

mFP201BS_FM104 large south
Entries 2641465
528293
528293
14982
528293
528293
513311
BS3
BS2
BS1-T
BS1-M
BS1-B

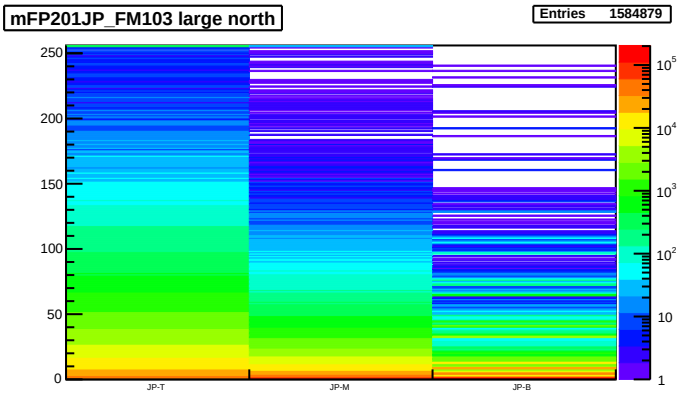

mFP201BSsim_FM104 large south
Entries 2128154
528293
528293
14982
528293
528293
BS3
BS2
BS1-T
BS1-M
BS1-B

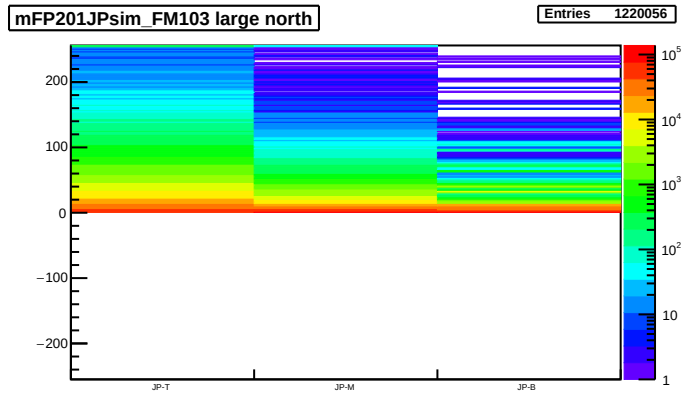

mFP201JP_FM101 small north
Entries 1584879
JP-T
JP-M
JP-B

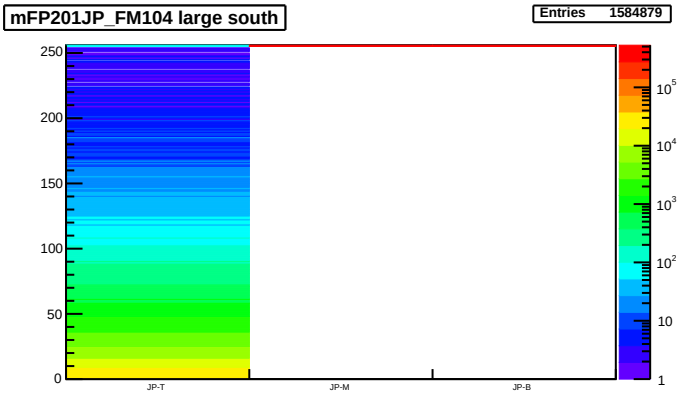

mFP201JPsim_FM101 small north
Entries 1352353
JP-T
JP-M
JP-B

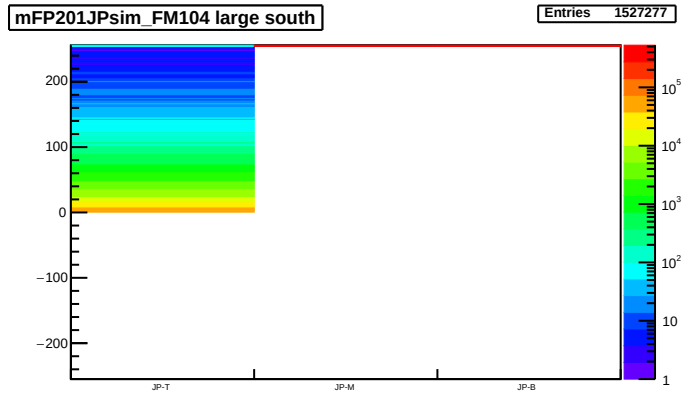

mFP201JP_FM102 small south
Entries 1584879
JP-T
JP-M
JP-B

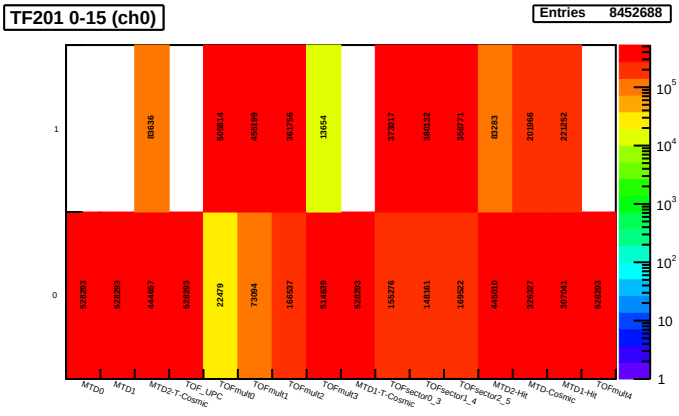

mFP201JPsim_FM102 small south
Entries 1477978
JP-T
JP-M
JP-B

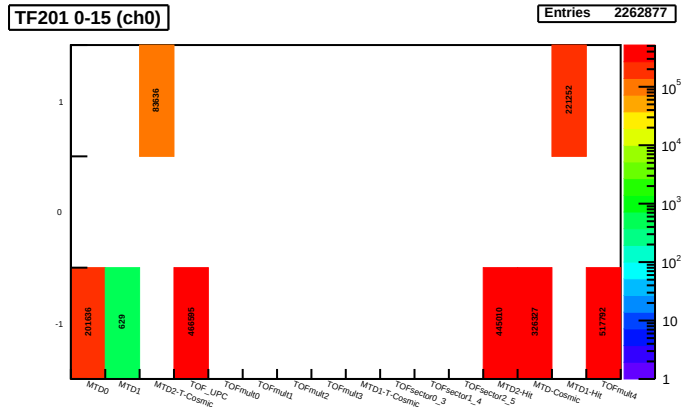

mFP201JP_FM103 large north
Entries 1584879
JP-T
JP-M
JP-B

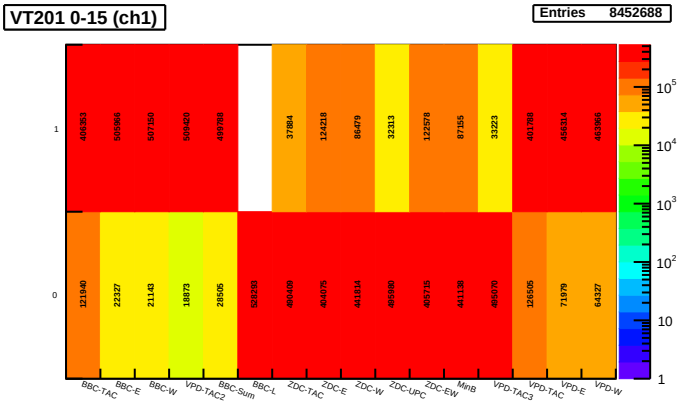

mFP201JPsim_FM103 large north
Entries 1220056
JP-T
JP-M
JP-B

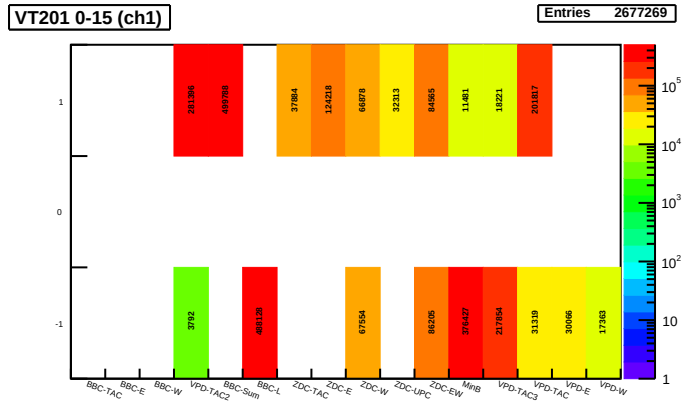

mFP201JP_FM104 large south
Entries 1584879
JP-T
JP-M
JP-B

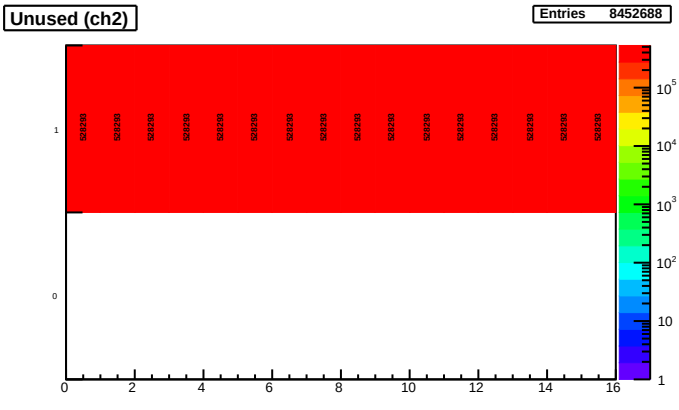

mFP201JPsim_FM104 large south
Entries 1527277
JP-T
JP-M
JP-B

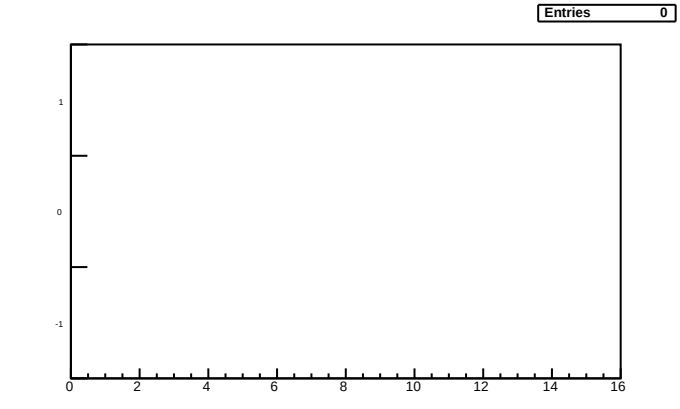

TF201 0-15 (ch0)
Entries 8452688
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

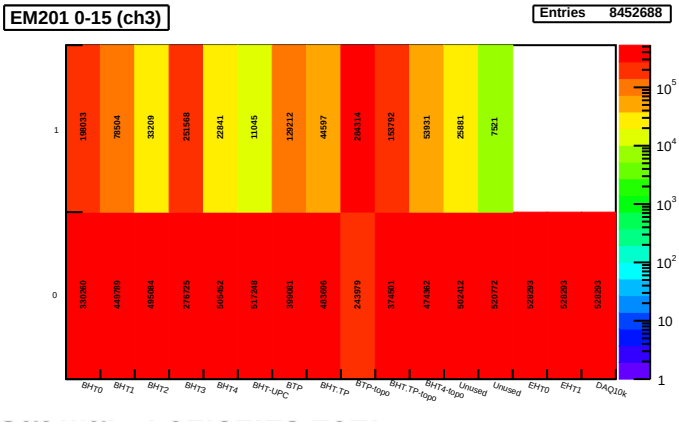

TF201 0-15 (ch0)
Entries 2262877
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

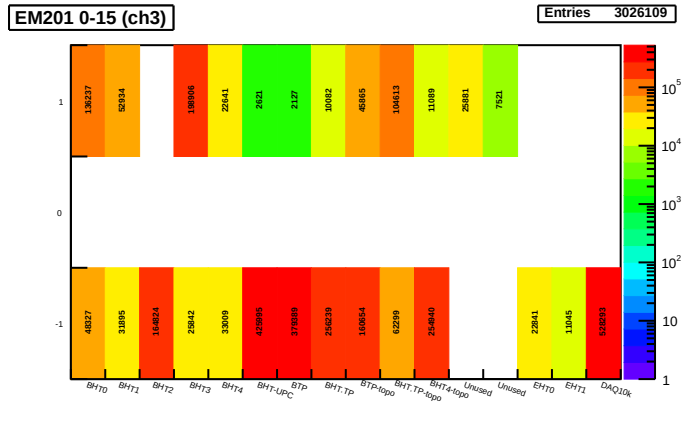

VT201 0-15 (ch1)
Entries 8452688
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

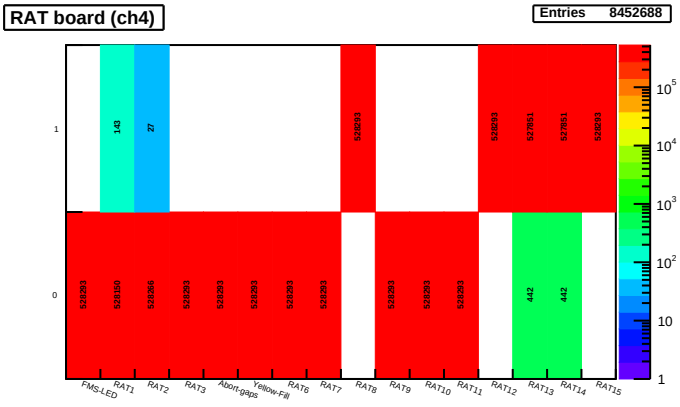

VT201 0-15 (ch1)
Entries 2677269
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

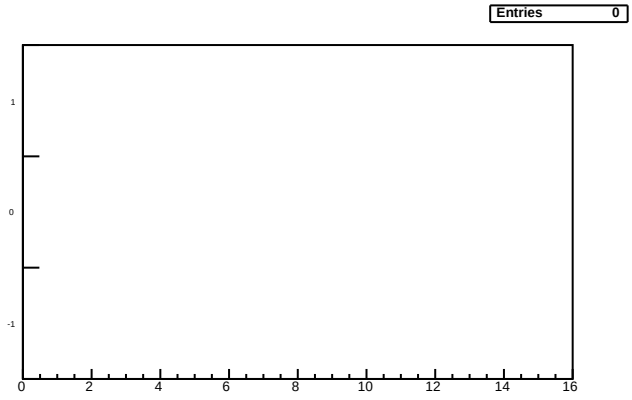

Unused (ch2)
Entries 8452688

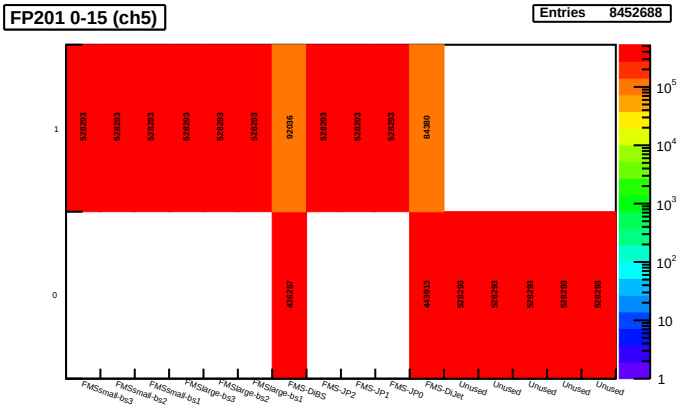

Entries 0

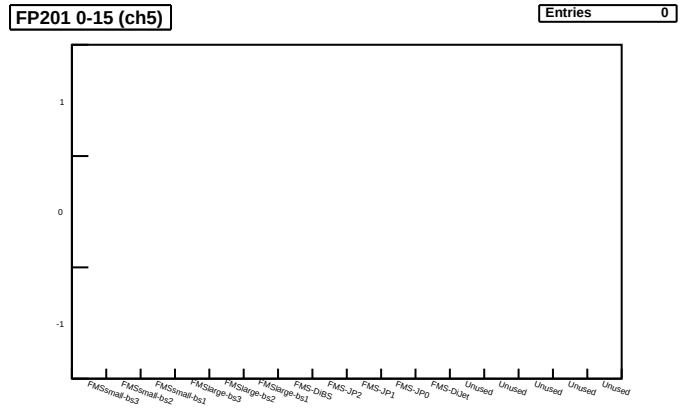

EM201 0-15 (ch3)
Entries 8452688
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

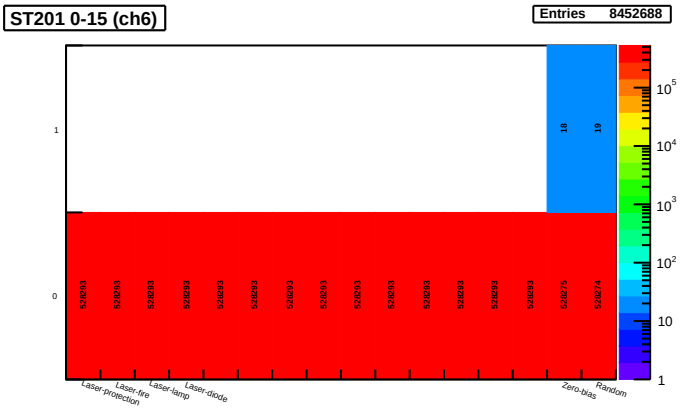

EM201 0-15 (ch3)
Entries 3026109
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

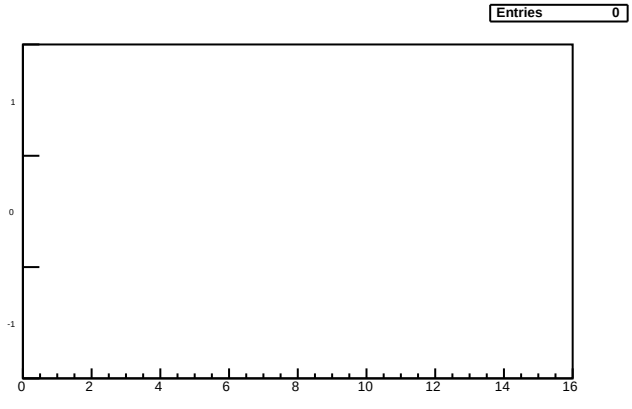

RAT board (ch4)
Entries 8452688
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 8452688
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 8452688
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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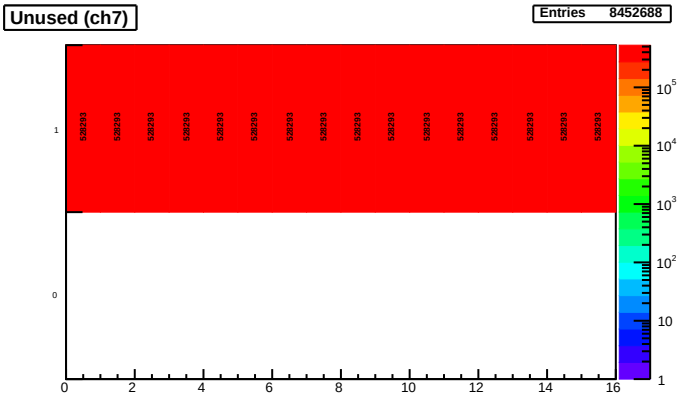
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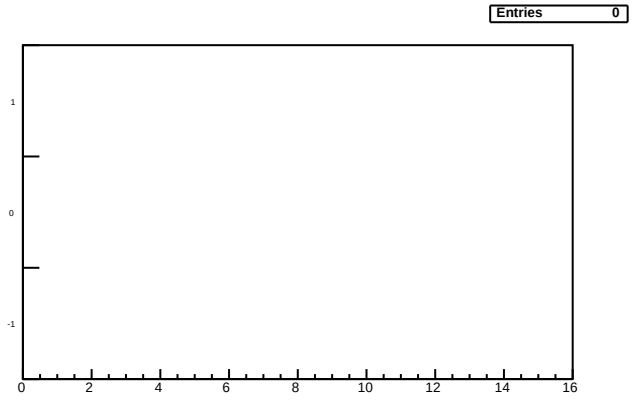
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