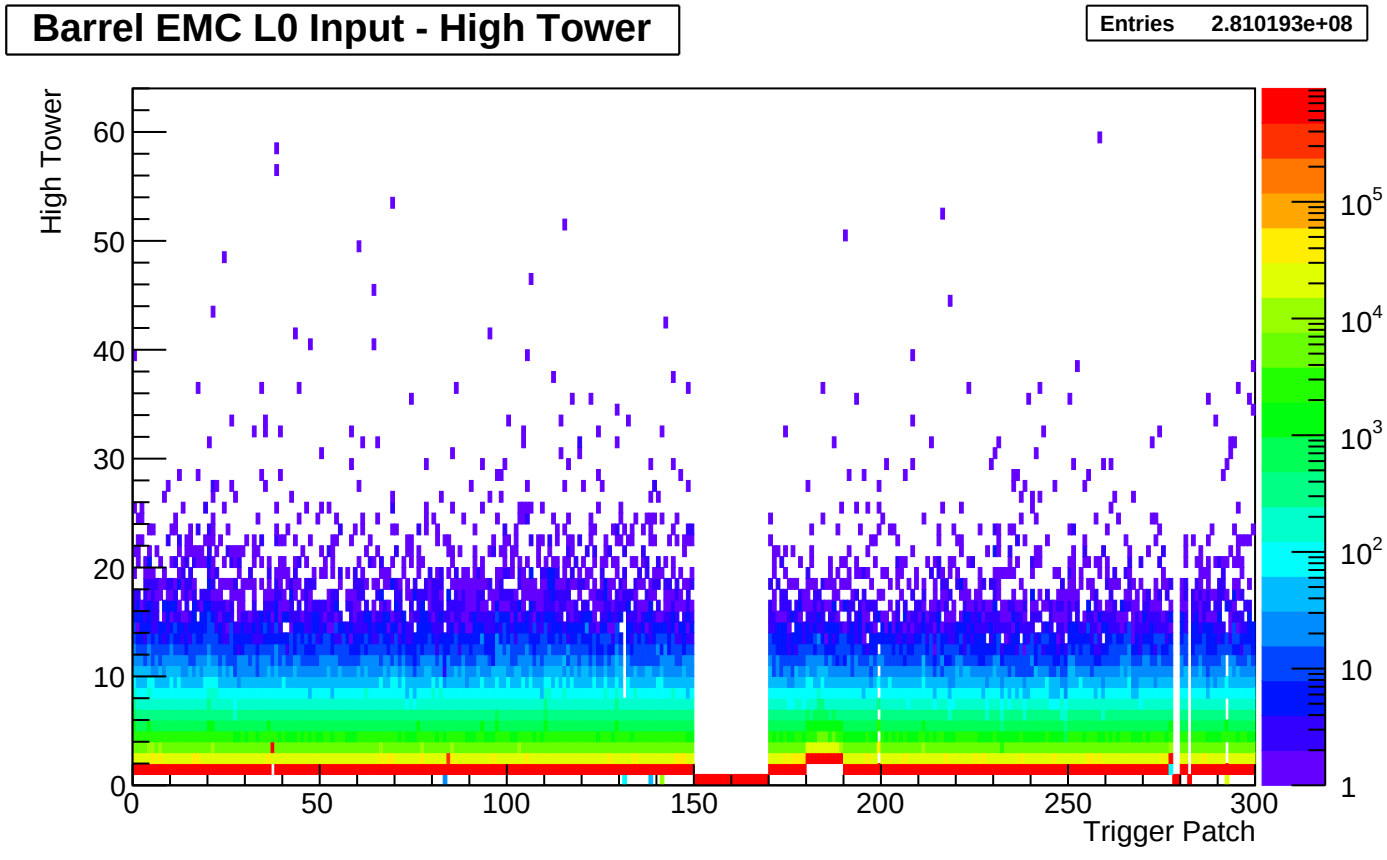
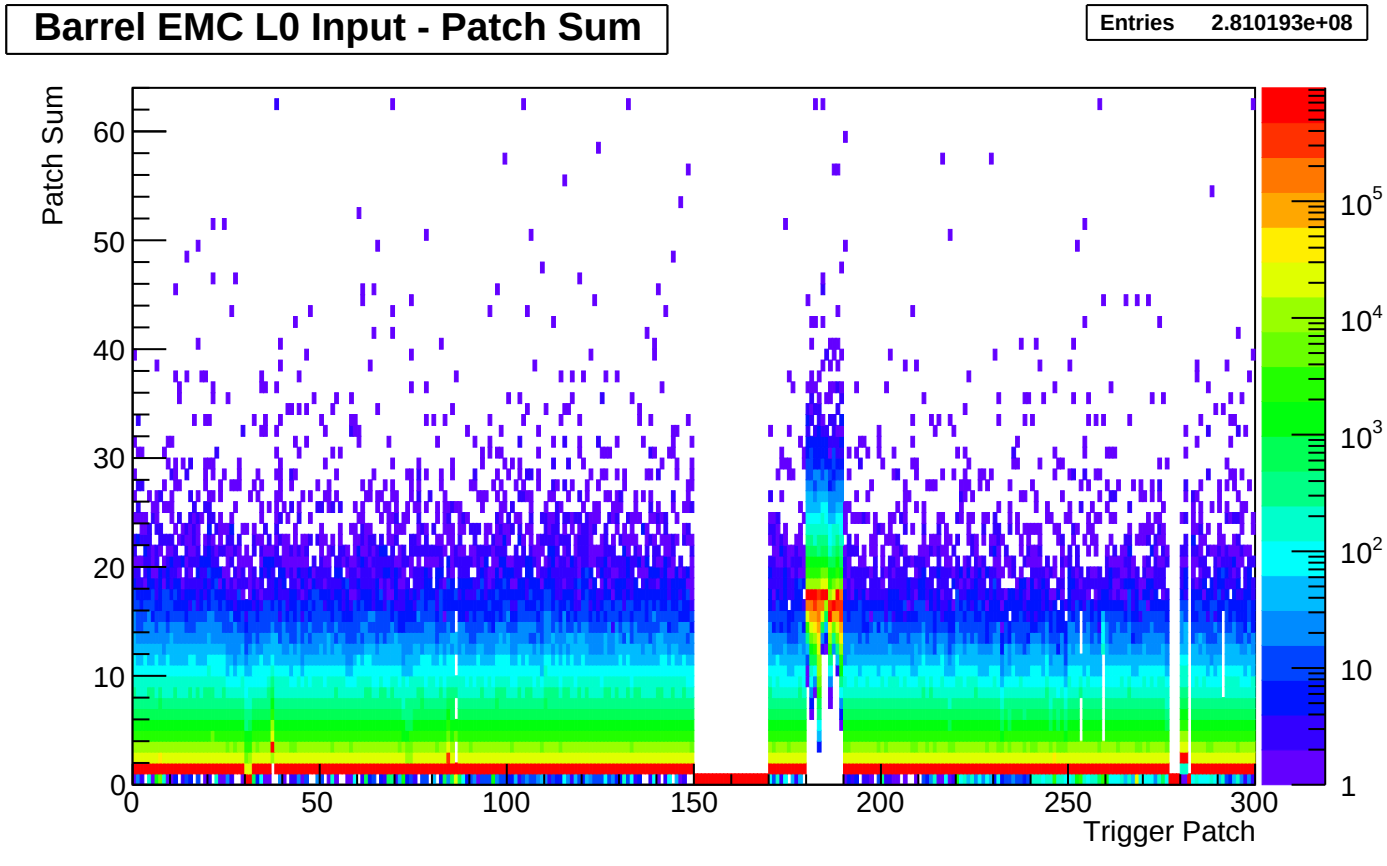
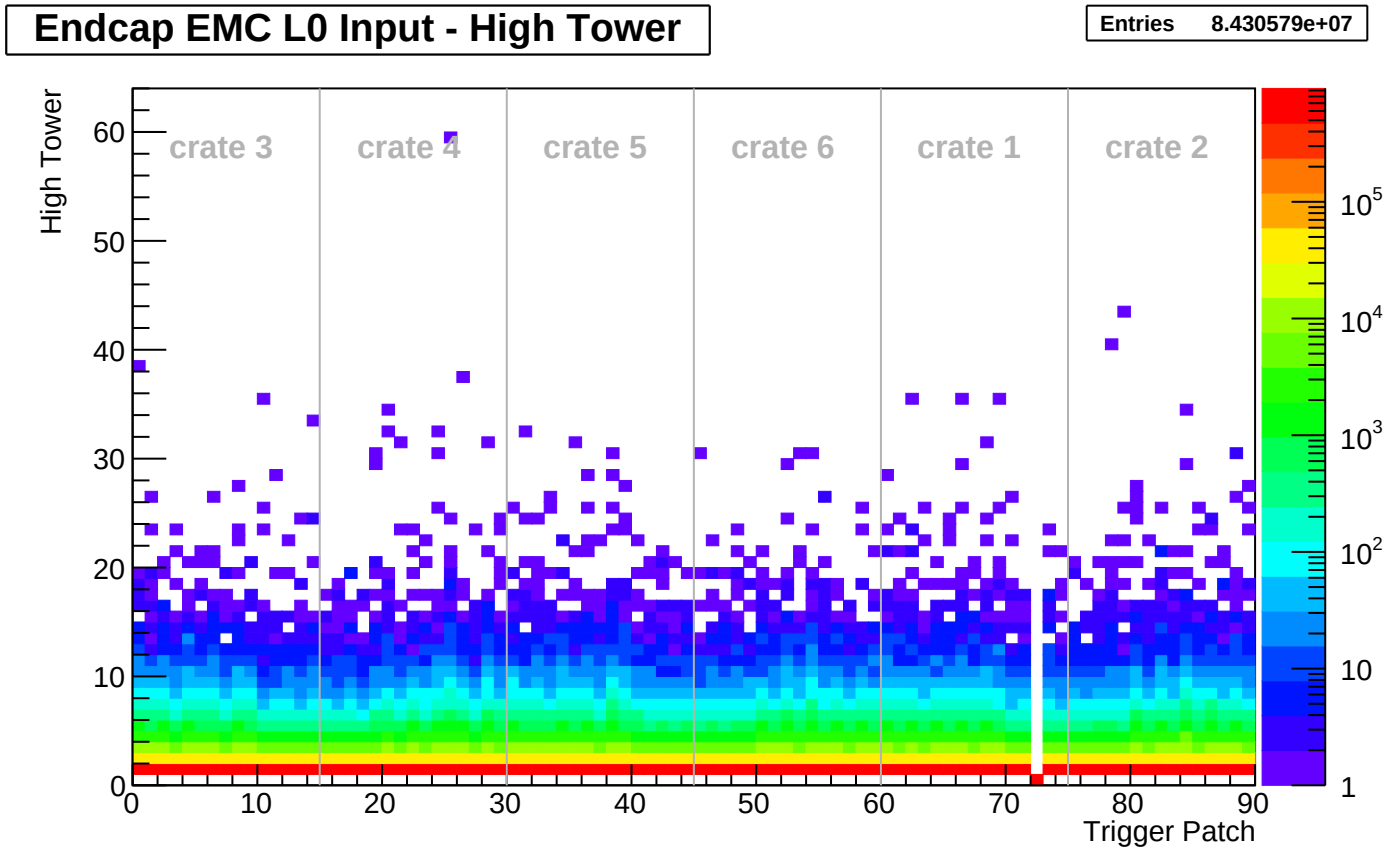
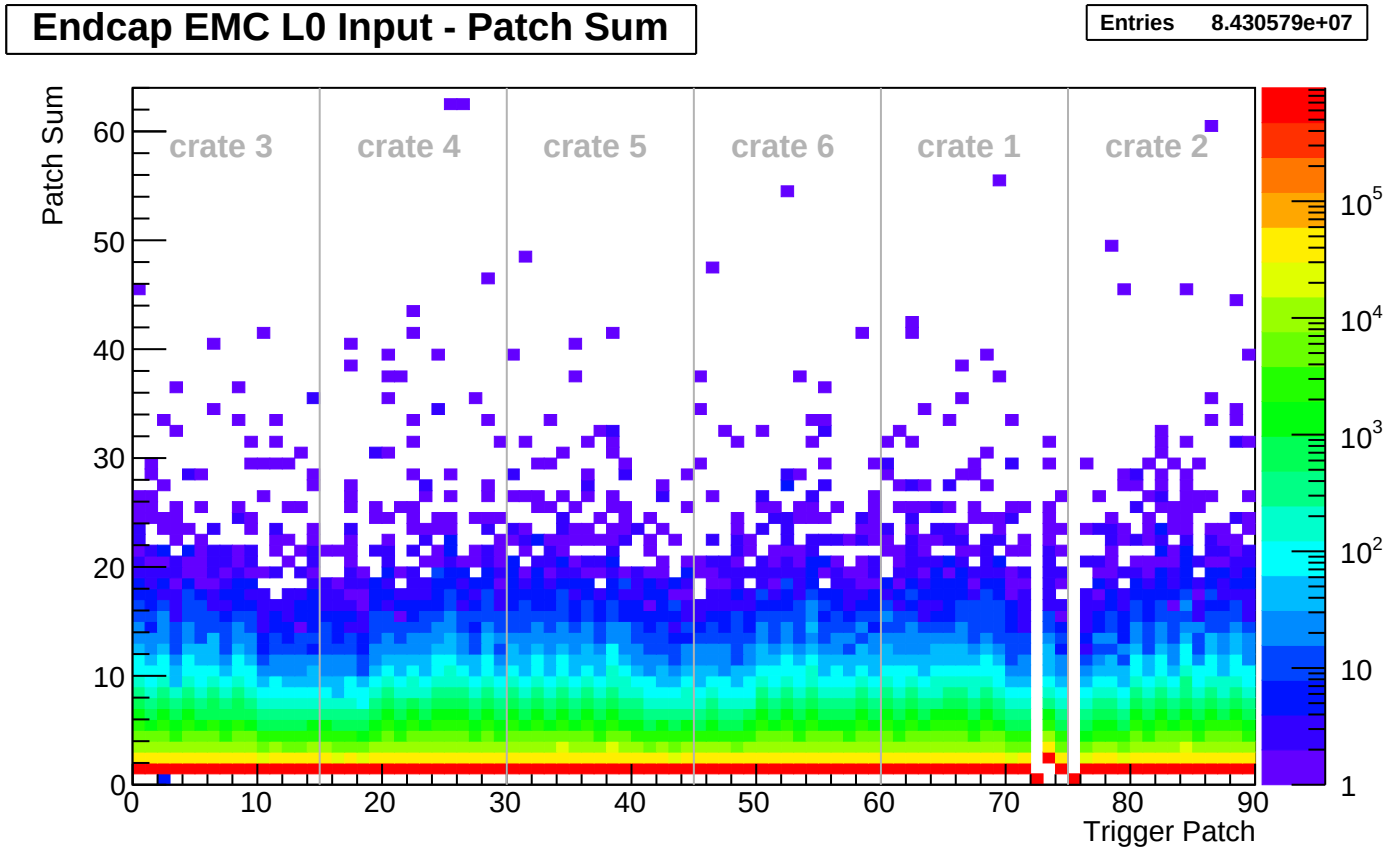
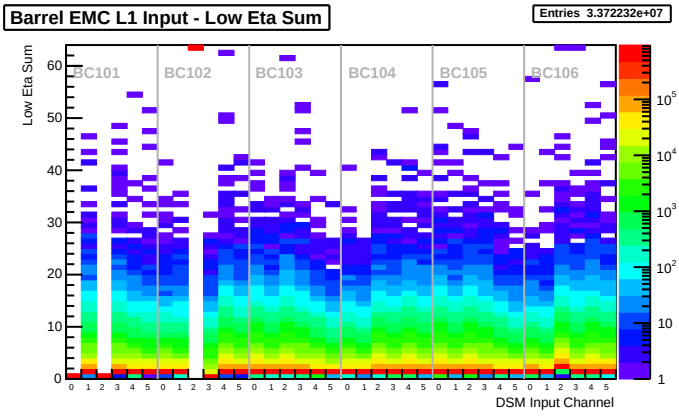
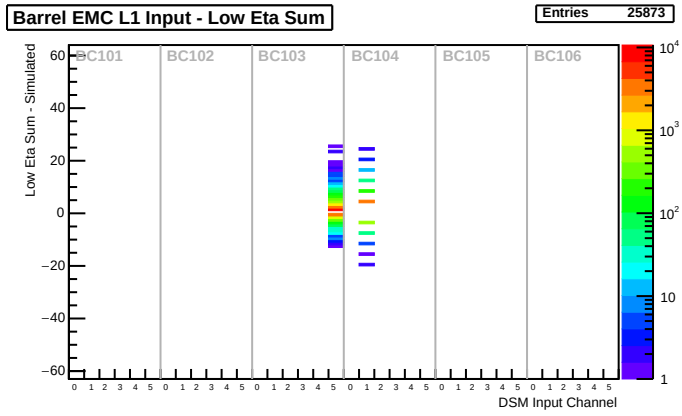

Barrel EMC L0 Input - High Tower
Entries 2.810193e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$

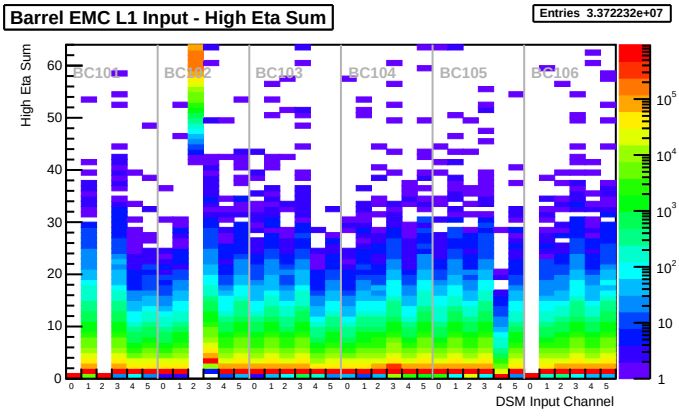

Barrel EMC L0 Input - Patch Sum
Entries 2.810193e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$

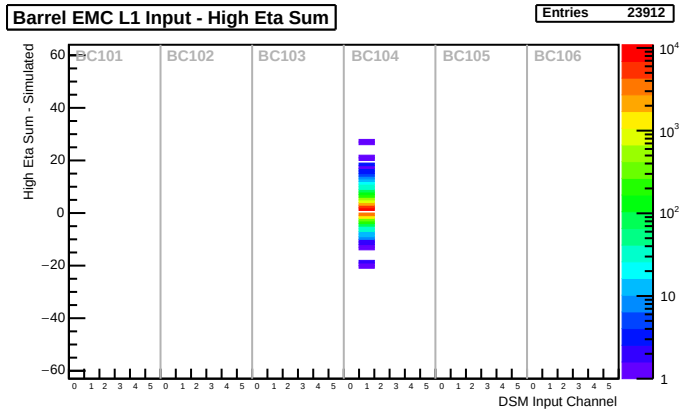

Endcap EMC L0 Input - High Tower
Entries 8.430579e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

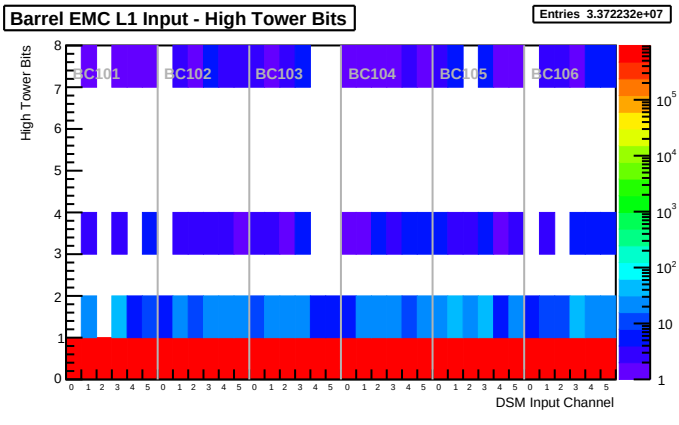

Endcap EMC L0 Input - Patch Sum
Entries 8.430579e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

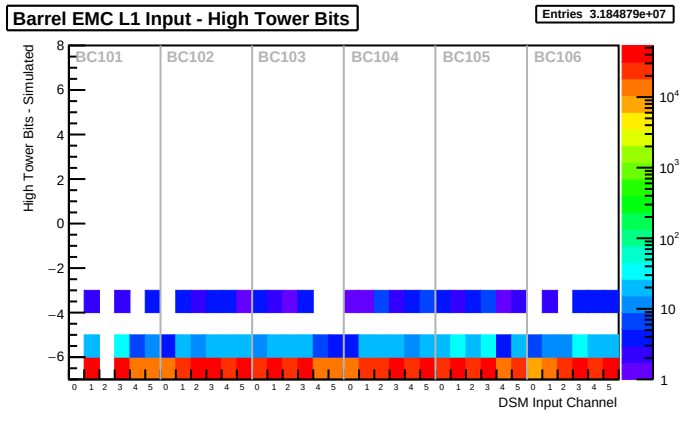

Barrel EMC L1 Input - Low Eta Sum
Entries 3.372232e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

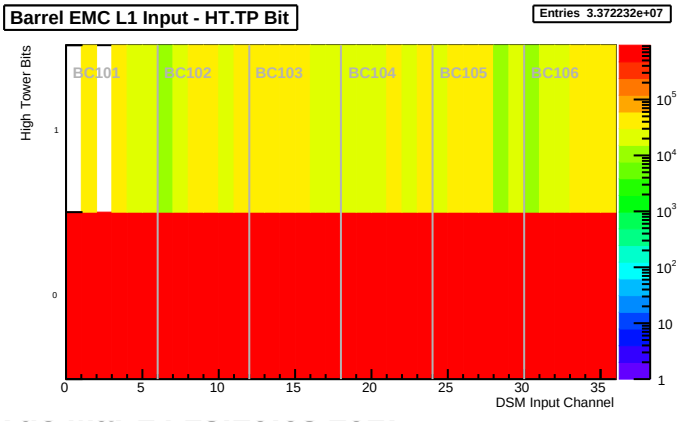

Barrel EMC L1 Input - Low Eta Sum
Entries 25873
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

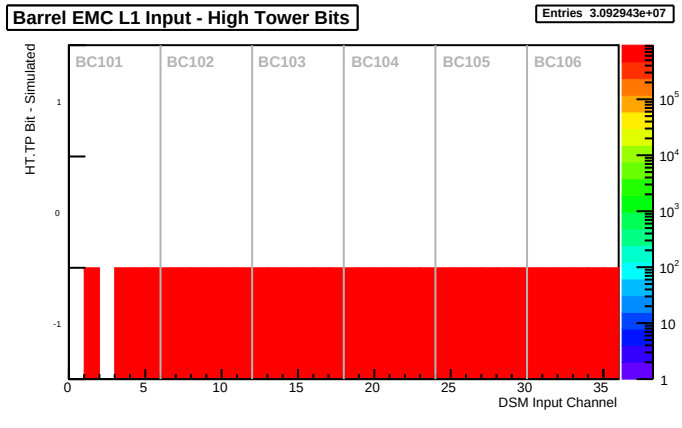

Barrel EMC L1 Input - High Eta Sum
Entries 3.372232e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

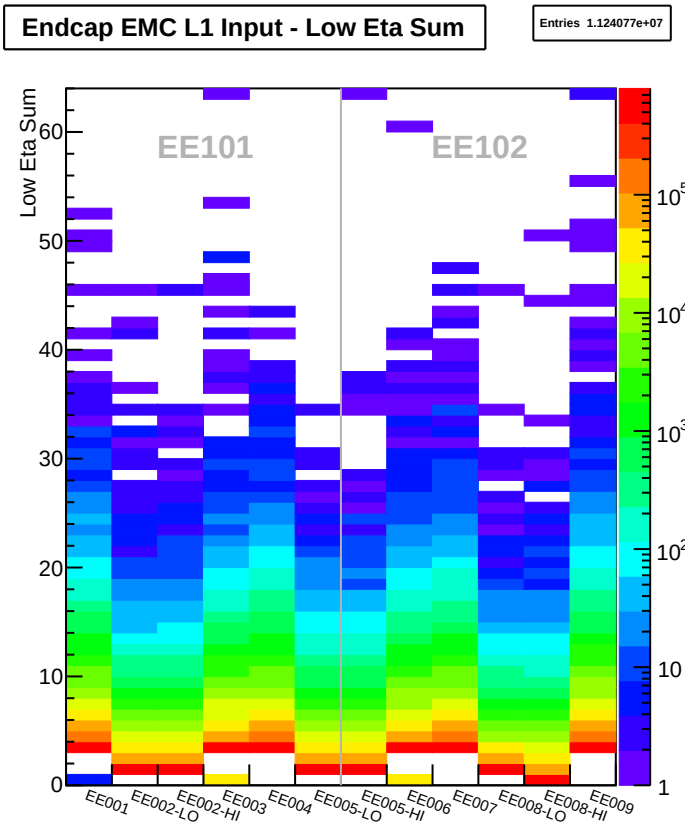

Barrel EMC L1 Input - High Eta Sum
Entries 23912
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

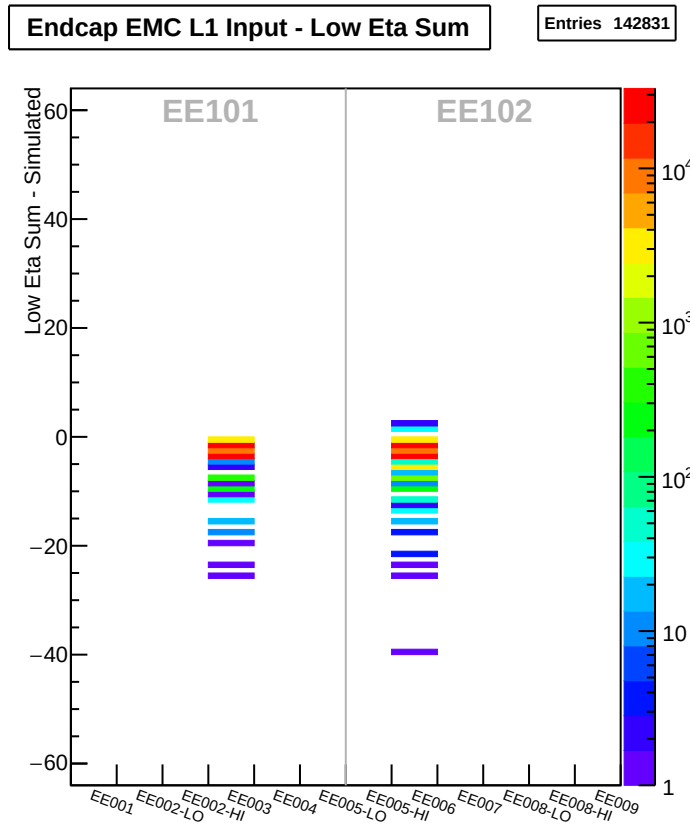

Barrel EMC L1 Input - High Tower Bits
Entries 3.372232e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

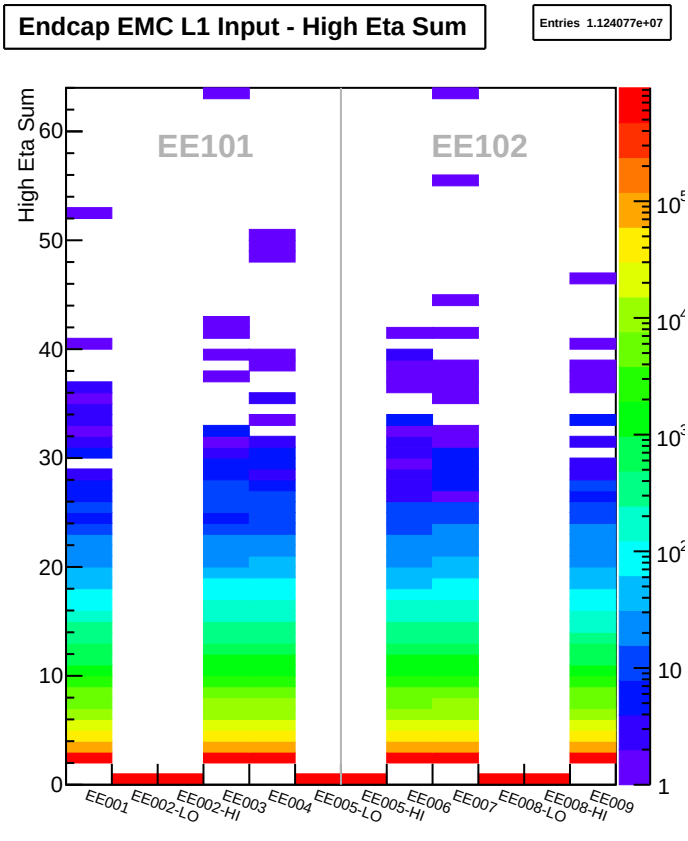

Barrel EMC L1 Input - High Tower Bits
Entries 3.184879e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

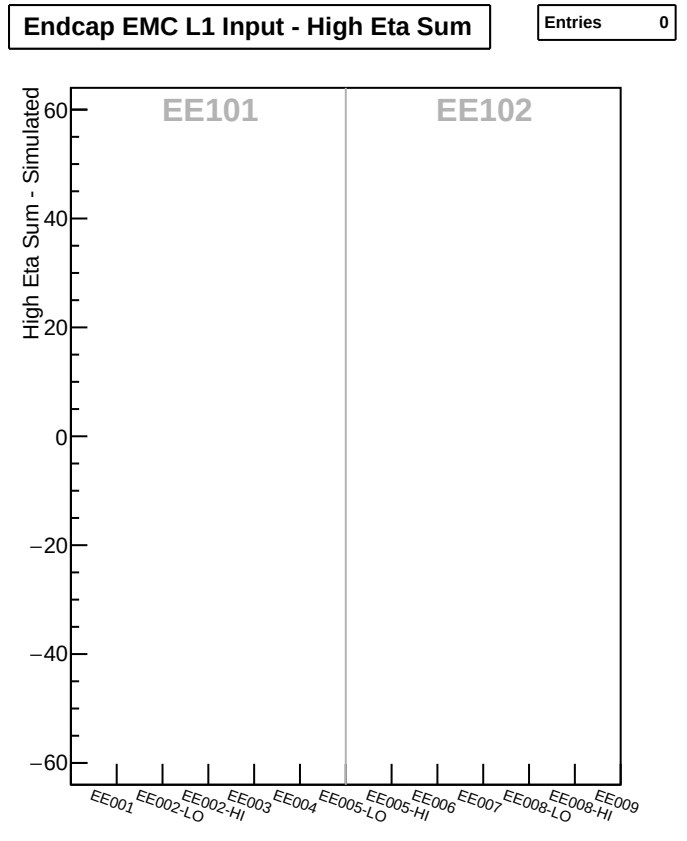

Barrel EMC L1 Input - HT.TP Bit
Entries 3.372232e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

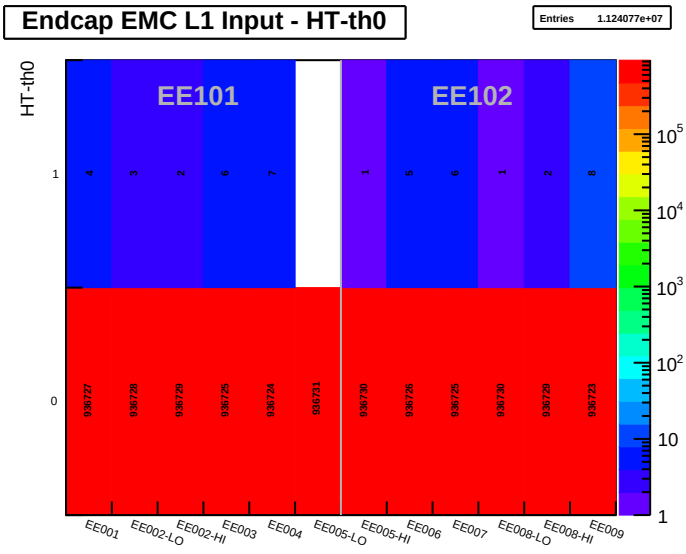

Barrel EMC L1 Input - High Tower Bits
Entries 3.092943e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

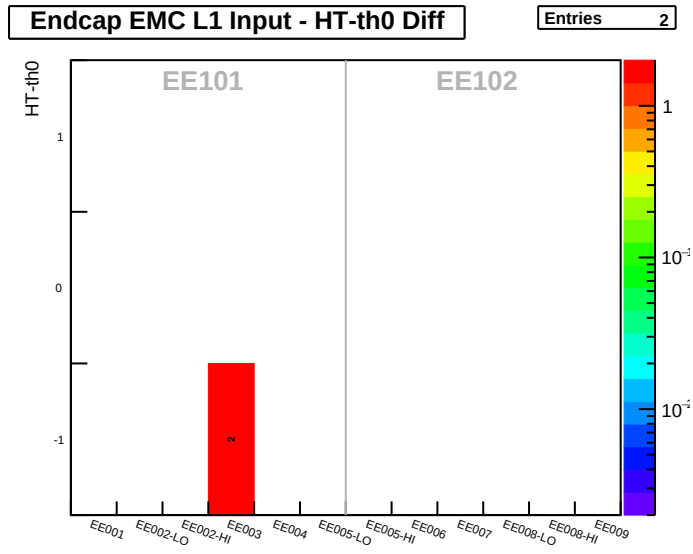

Endcap EMC L1 Input - Low Eta Sum
Entries 1.124077e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

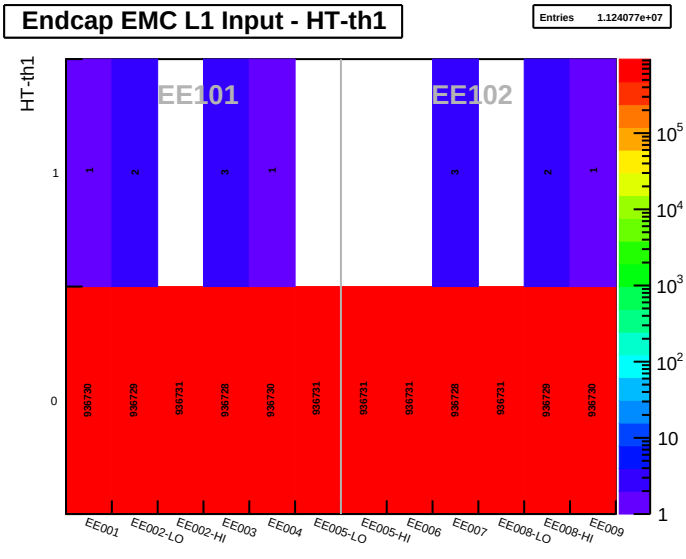

Endcap EMC L1 Input - Low Eta Sum
Entries 142831
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

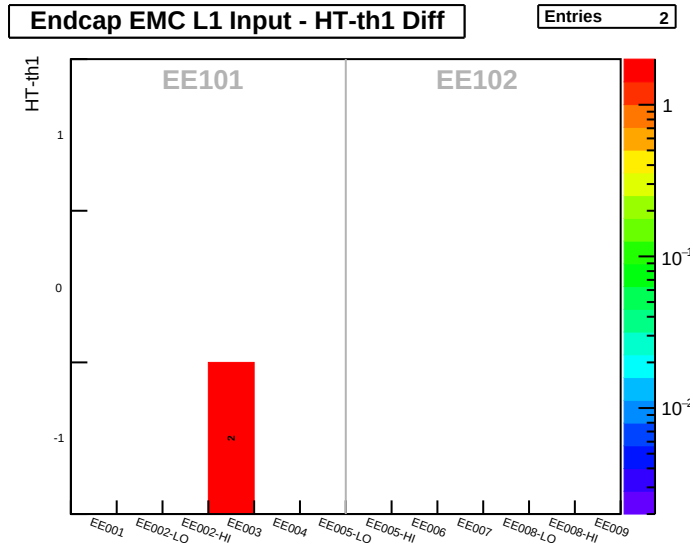

Endcap EMC L1 Input - High Eta Sum
Entries 1.124077e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

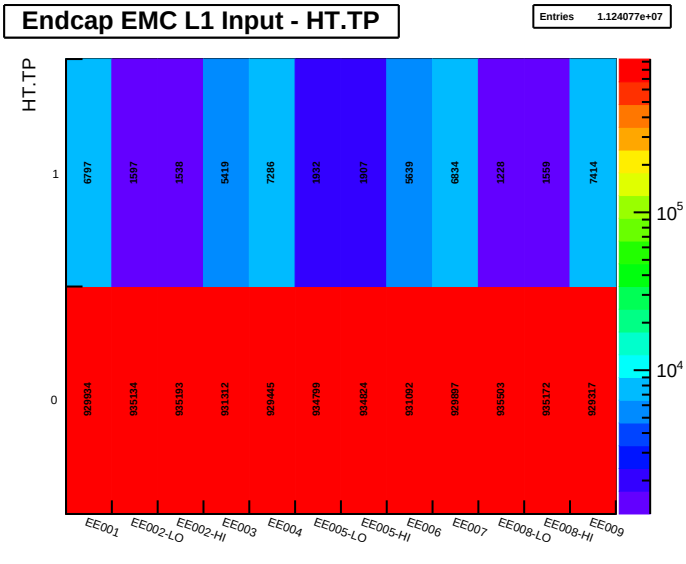

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

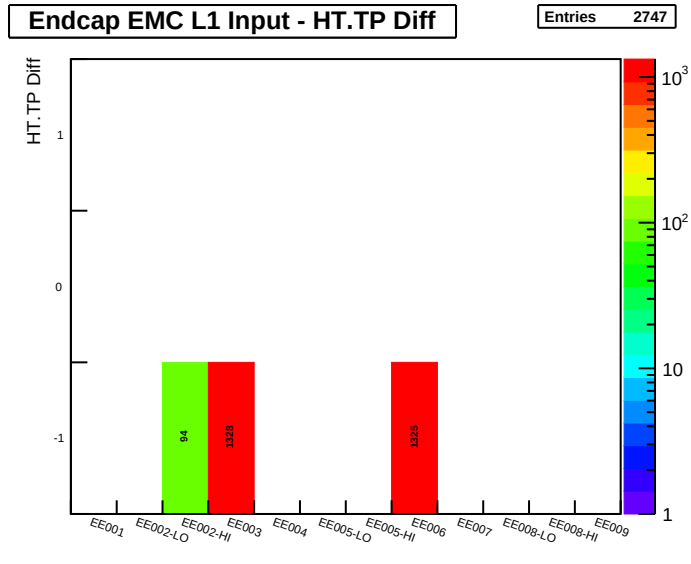

Endcap EMC L1 Input - HT-th0
Entries 1.124077e+07
HT-th0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

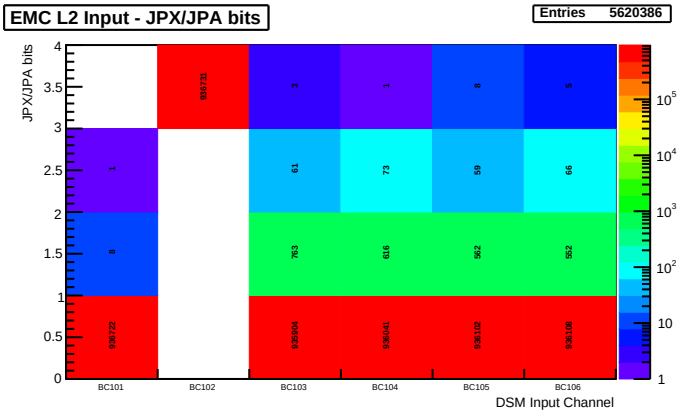

Endcap EMC L1 Input - HT-th0 Diff
Entries 2
HT-th0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

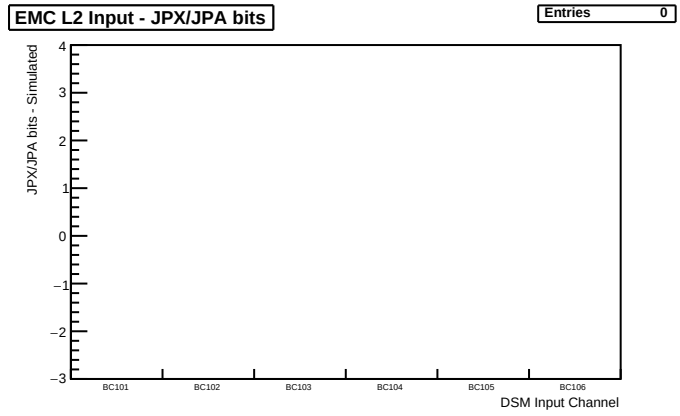

Endcap EMC L1 Input - HT-th1
Entries 1.124077e+07
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

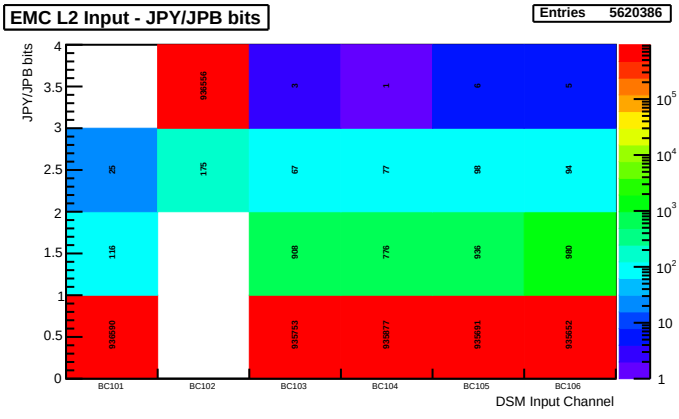

Endcap EMC L1 Input - HT-th1 Diff
Entries 2
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

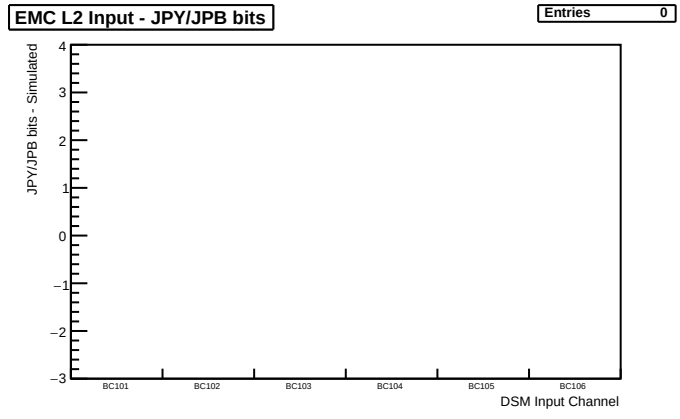

Endcap EMC L1 Input - HT.TP
Entries 1.124077e+07
HT.TP
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

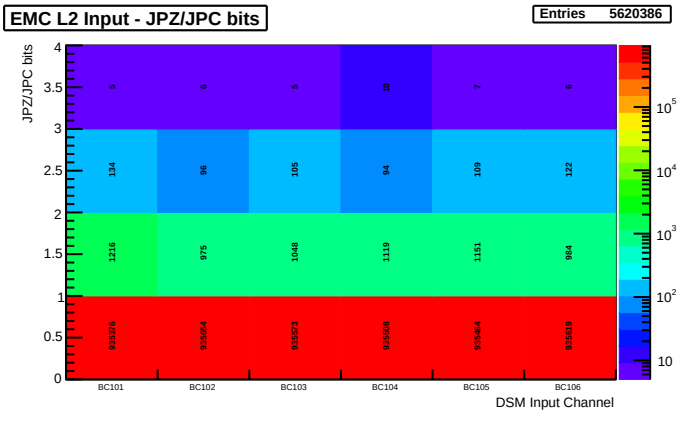

Endcap EMC L1 Input - HT.TP Diff
Entries 2747
HT.TP Diff
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

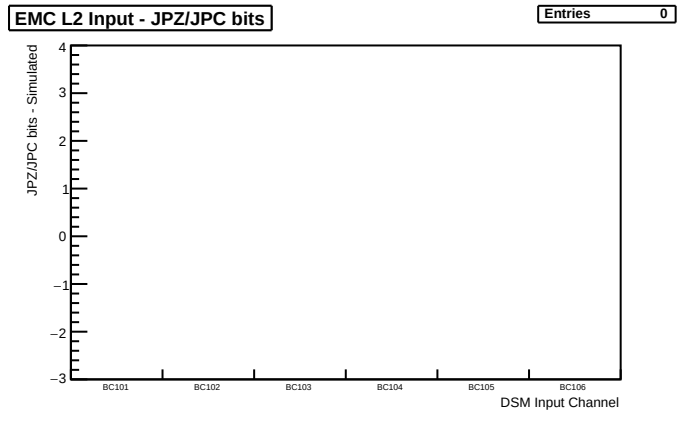

EMC L2 Input - JPX/JPA bits
Entries 5620386
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

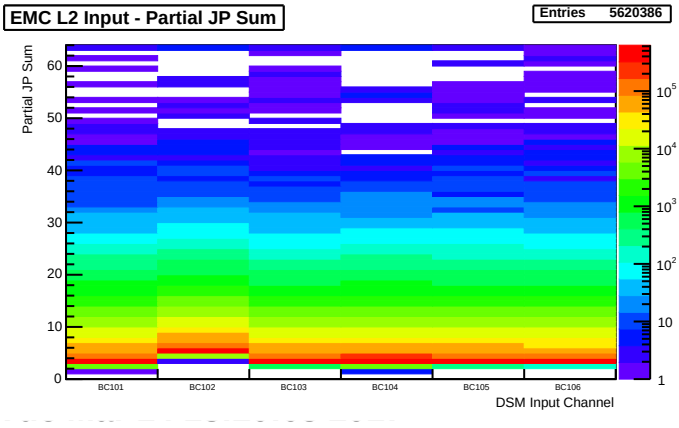

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

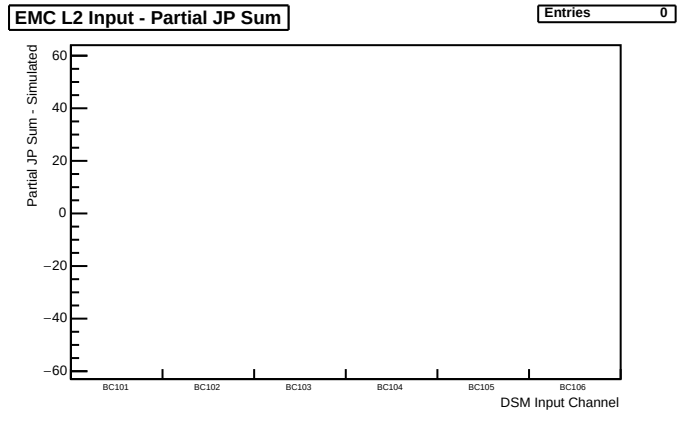

EMC L2 Input - JPY/JPB bits
Entries 5620386
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

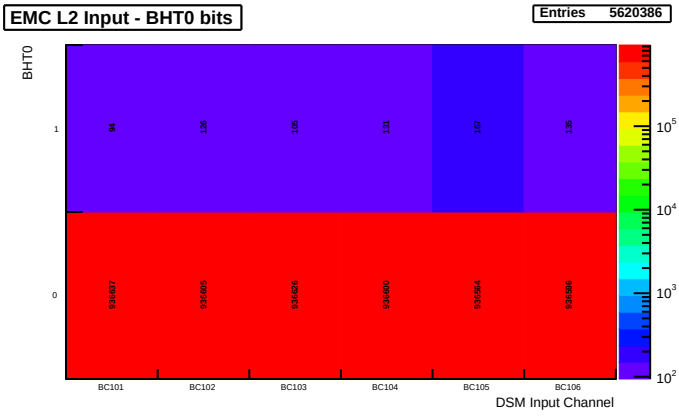

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

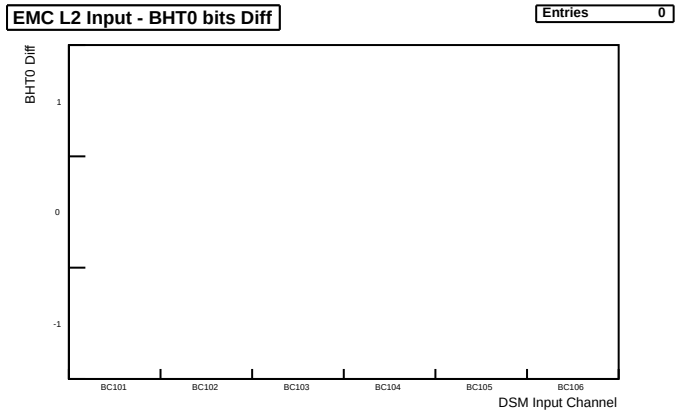

EMC L2 Input - JPZ/JPC bits
Entries 5620386
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

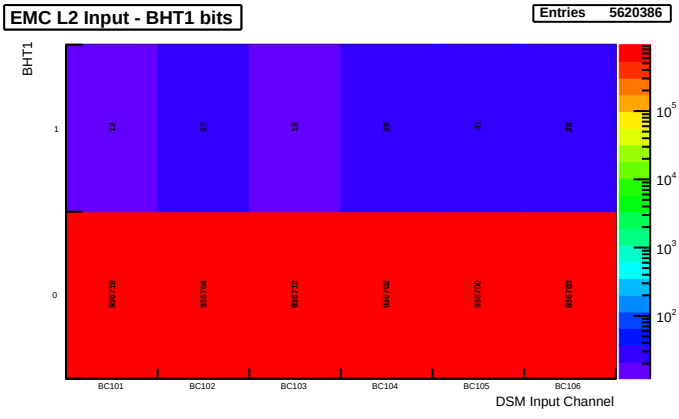

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

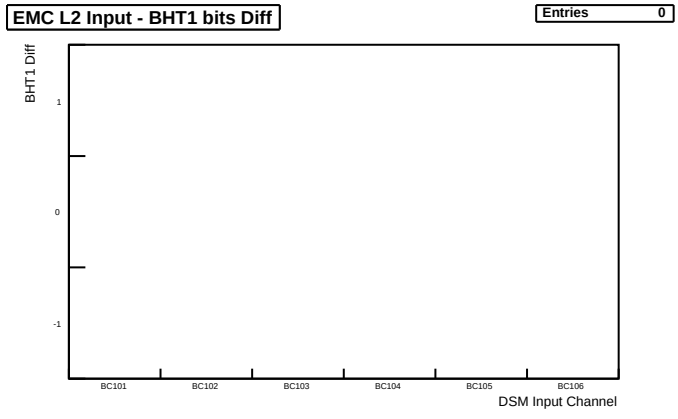

EMC L2 Input - Partial JP Sum
Entries 5620386
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

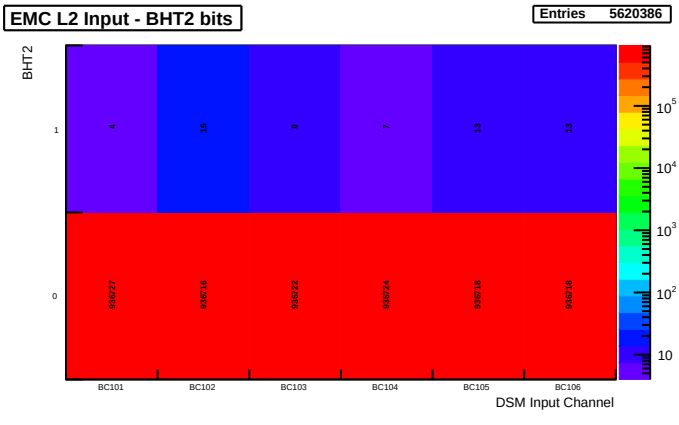

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

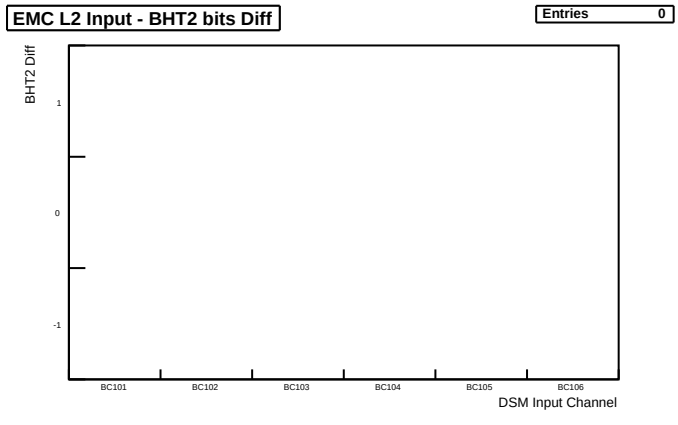

EMC L2 Input - BHT0 bits
Entries 5620386
BHT0
1
0
94
126
105
131
167
135
936637
936605
936626
936600
936564
936596
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^5$
$10^4$
$10^3$
$10^2$

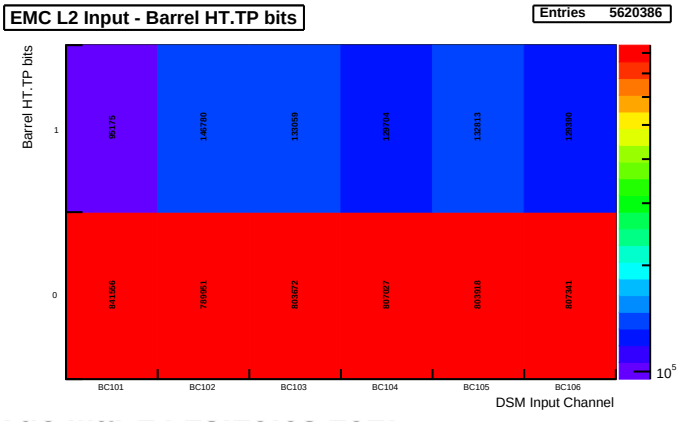

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

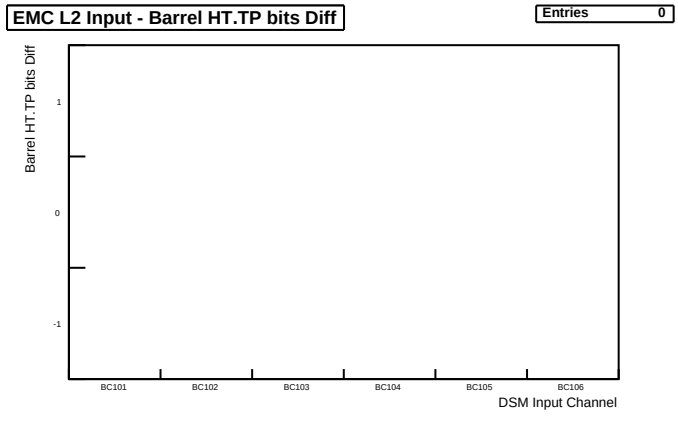

EMC L2 Input - BHT1 bits
Entries 5620386
BHT1
1
0
12
27
19
29
31
28
936719
936704
936712
936702
936700
936703
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^5$
$10^4$
$10^3$
$10^2$

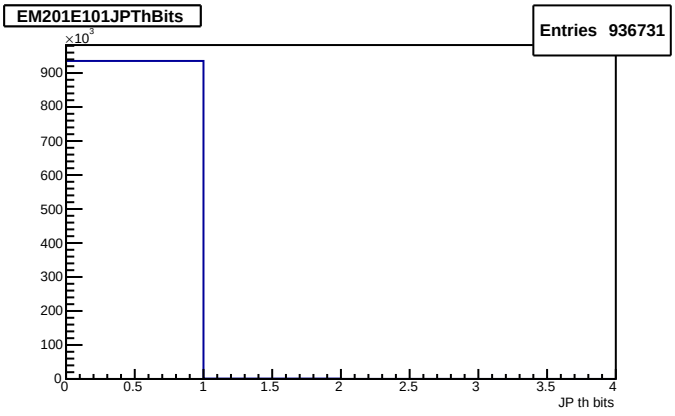

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

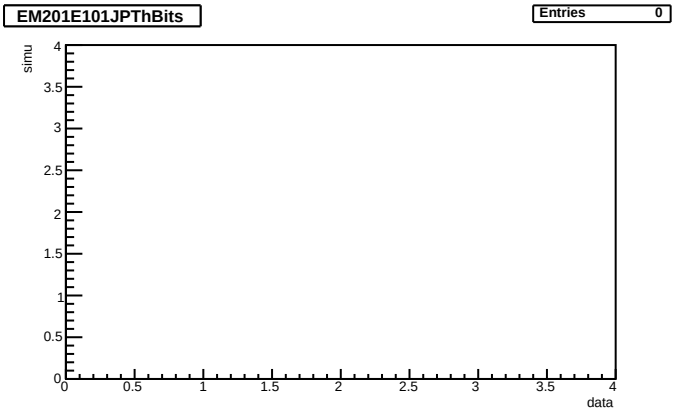

EMC L2 Input - BHT2 bits
Entries 5620386
BHT2
1
0
4
15
9
7
13
13
936727
936716
936722
936724
936718
936718
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^5$
$10^4$
$10^3$
$10^2$
10

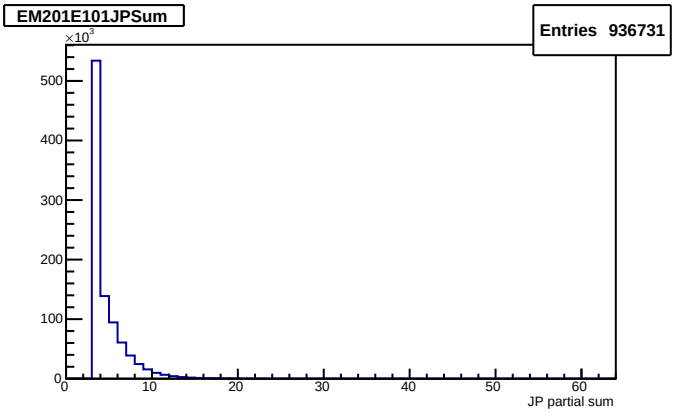

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

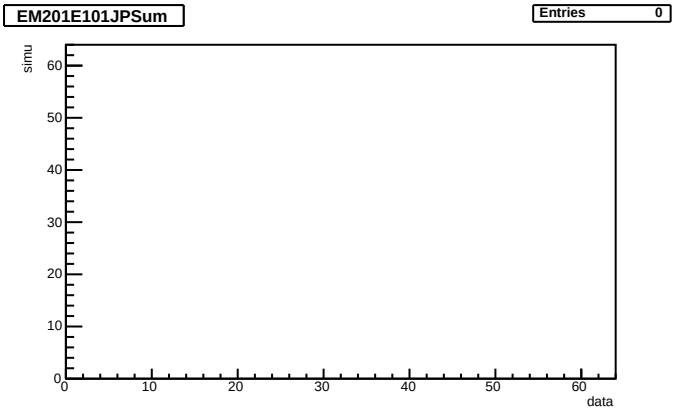

EMC L2 Input - Barrel HT.TP bits
Entries 5620386
Barrel HT.TP bits
1
0
95175
146780
133059
129704
132813
129390
841556
789951
803672
807027
803918
807341
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^5$

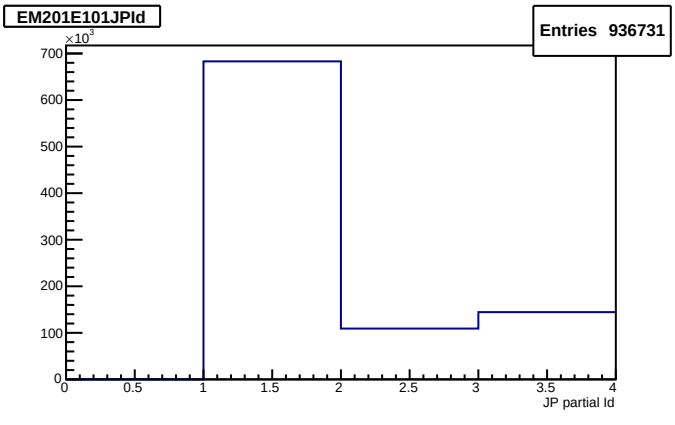

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

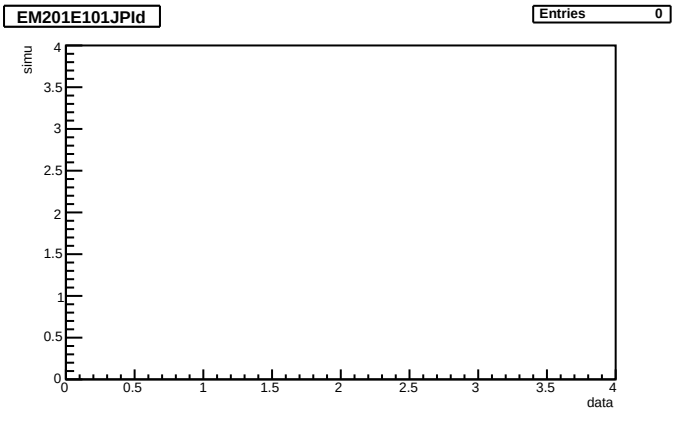

EM201E101JPThBits
Entries 936731
JP th bits

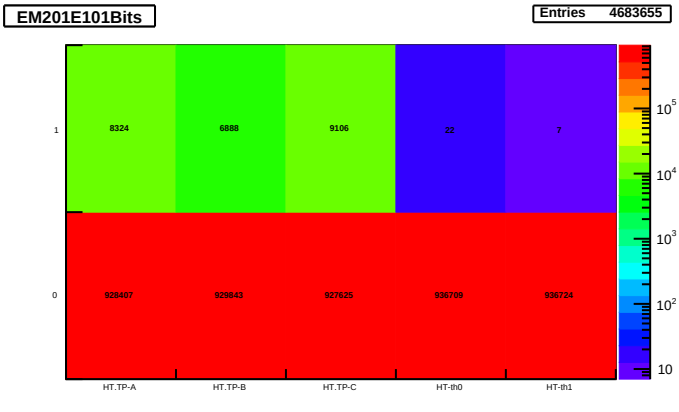

EM201E101JPThBits
Entries 0
simu
data

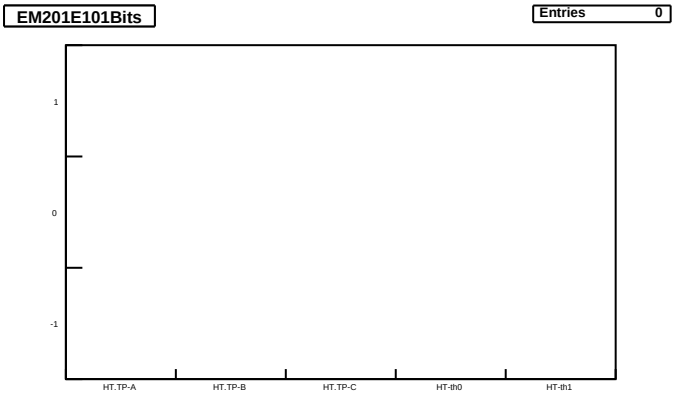

EM201E101JPSum
Entries 936731
JP partial sum

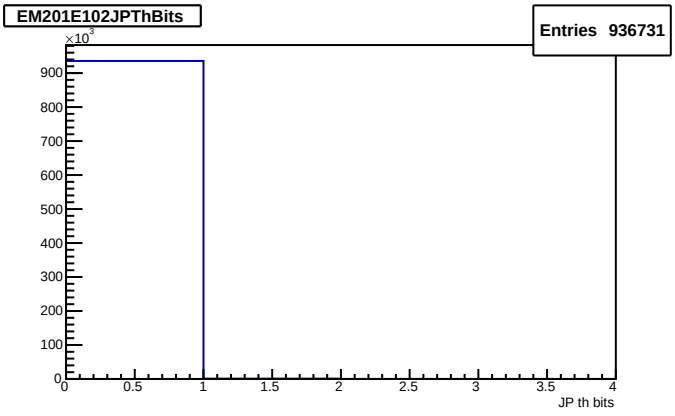

EM201E101JPSum
Entries 0
simu
data

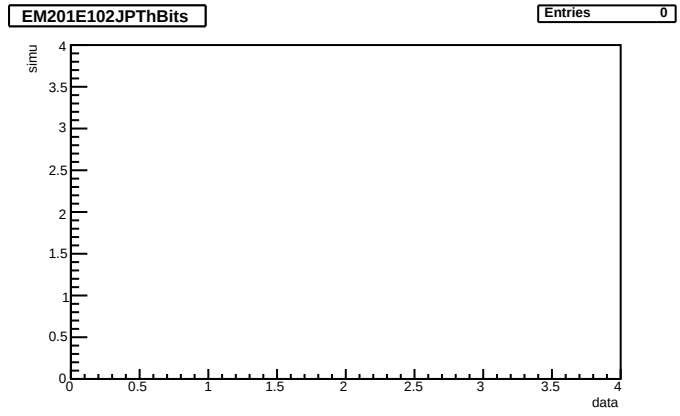

EM201E101JPId
Entries 936731
JP partial Id

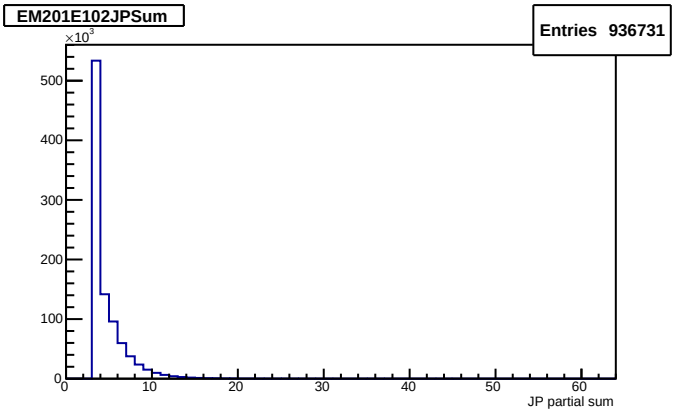

EM201E101JPId
Entries 0
simu
data

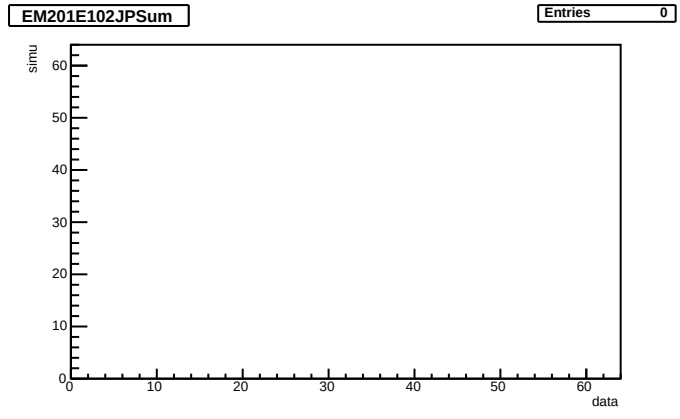

EM201E101Bits
Entries 4683655
8324
6888
9106
22
7
928407
929843
927625
936709
936724
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

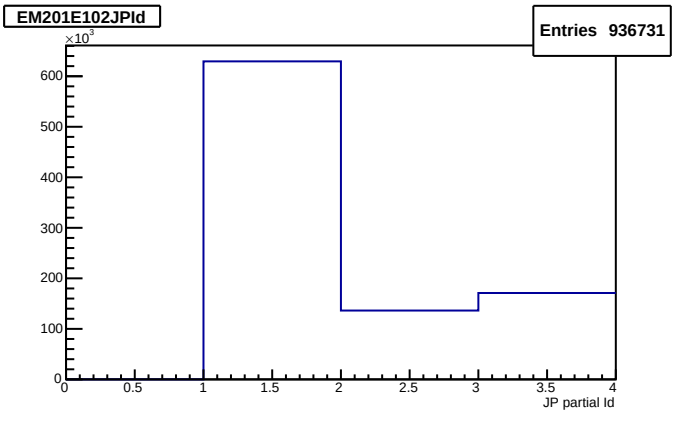

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

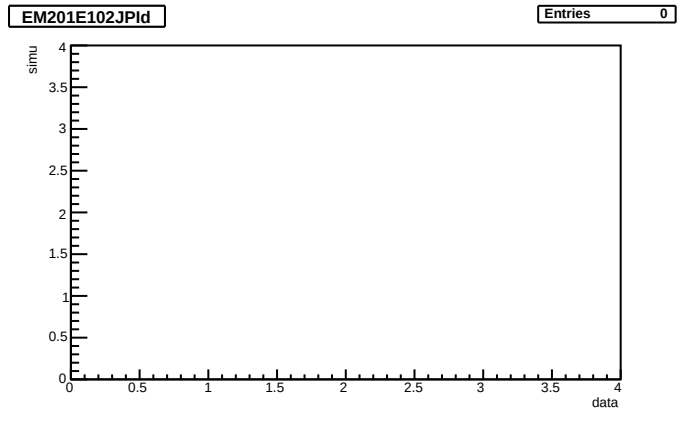

EM201E102JPThBits
Entries 936731
JP th bits

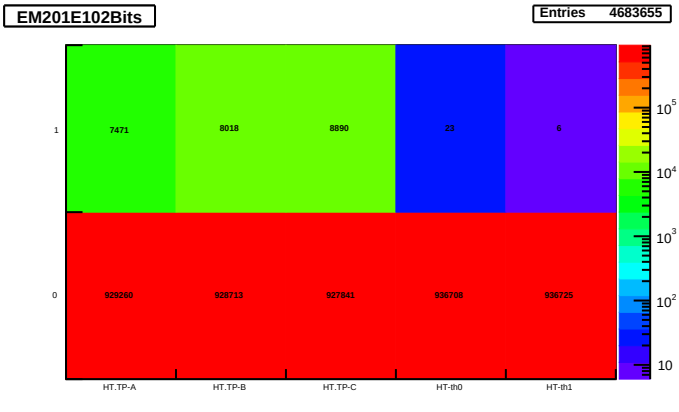

EM201E102JPThBits
Entries 0
simu
data

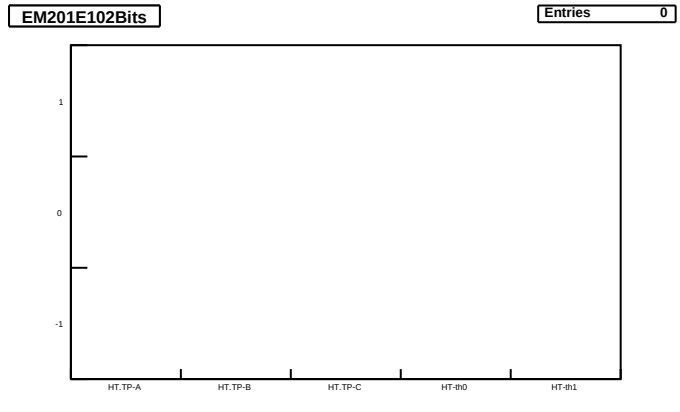

EM201E102JPSum
Entries 936731
JP partial sum

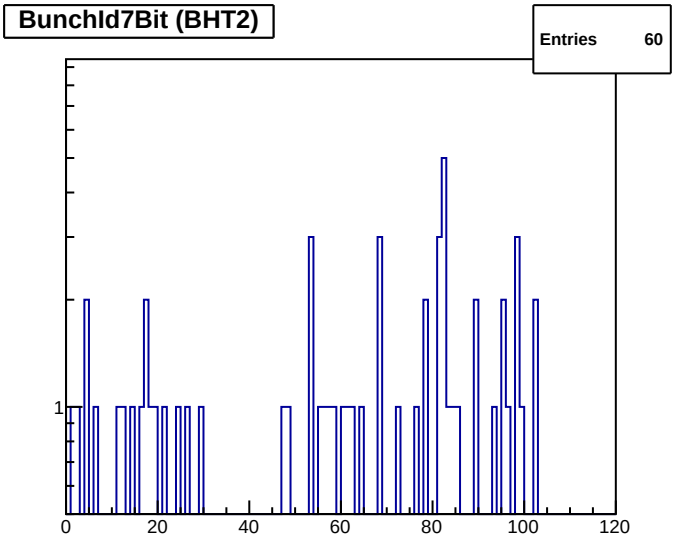

EM201E102JPSum
Entries 0
simu
data

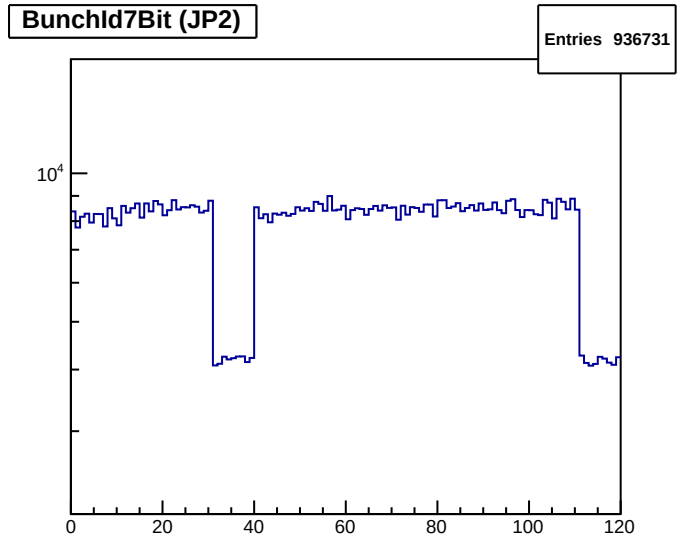

EM201E102JPId
Entries 936731
JP partial Id

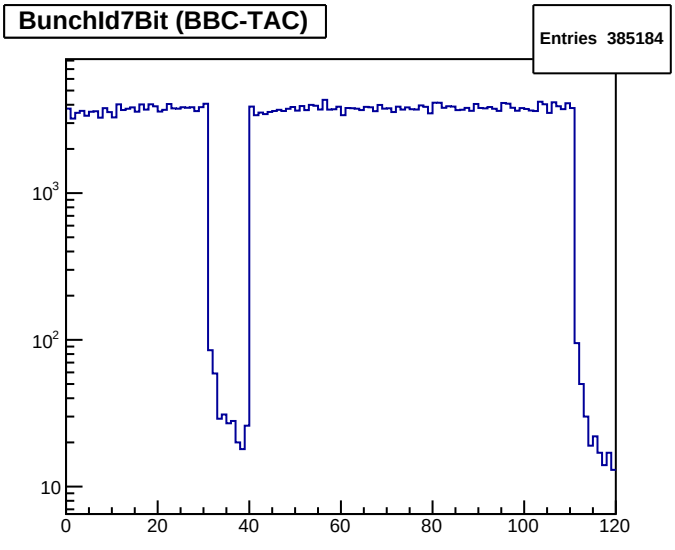

EM201E102JPId
Entries 0
simu
data

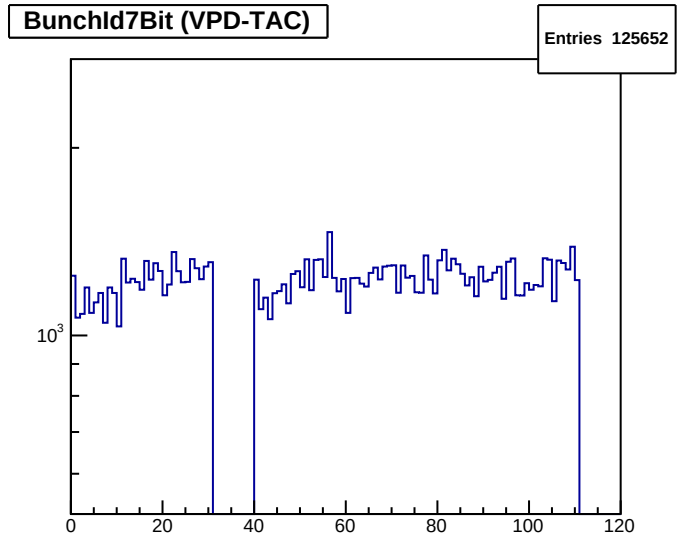

EM201E102Bits
Entries 4683655
7471
8018
8890
23
6
929260
928713
927841
936708
936725
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

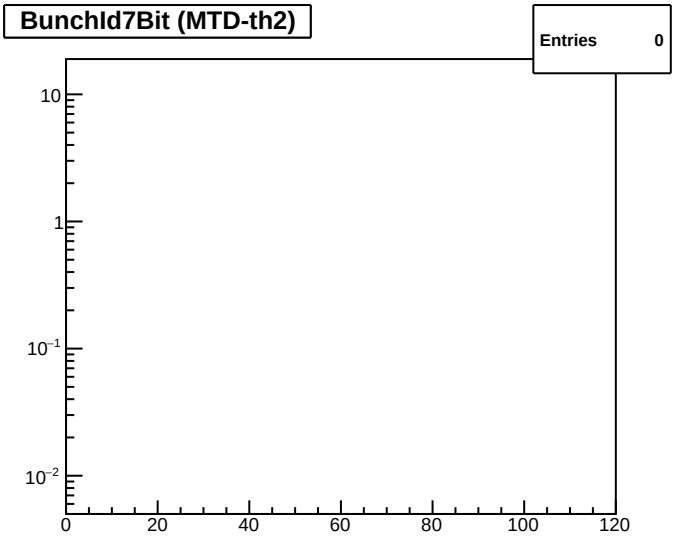

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

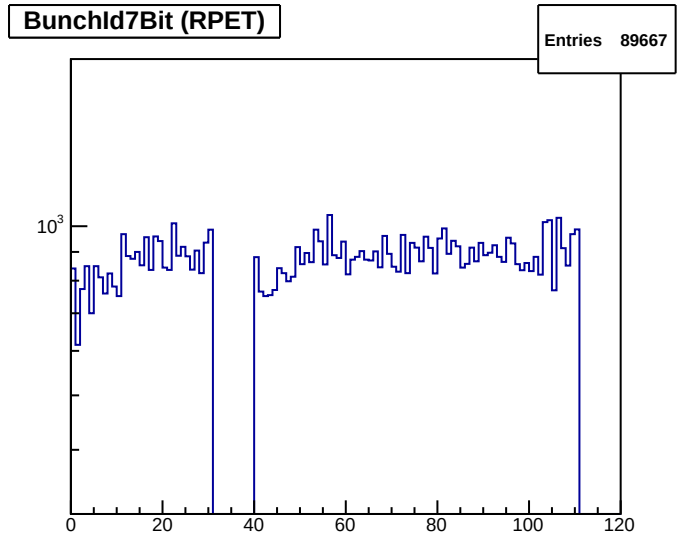

BunchId7Bit (BHT2)
Entries 60
1
0
20
40
60
80
100
120

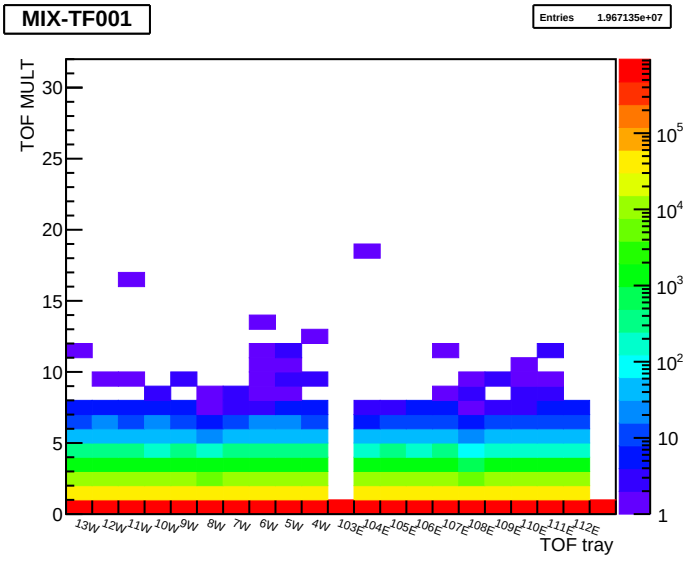

BunchId7Bit (JP2)
Entries 936731
$10^4$
0
20
40
60
80
100
120

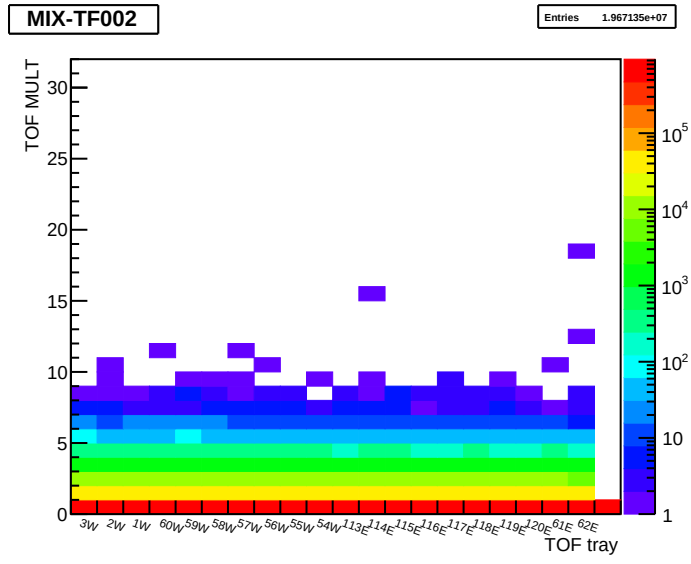

BunchId7Bit (BBC-TAC)
Entries 385184
$10^3$
$10^2$
10
0
20
40
60
80
100
120

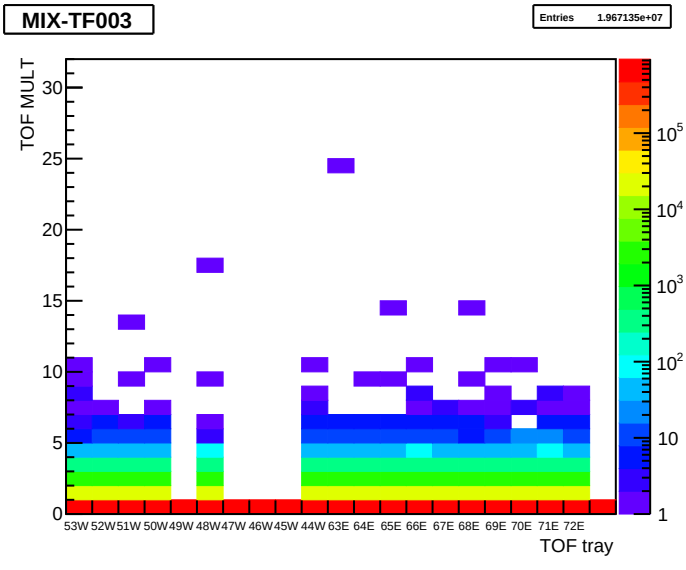

BunchId7Bit (VPD-TAC)
Entries 125652
$10^3$
0
20
40
60
80
100
120

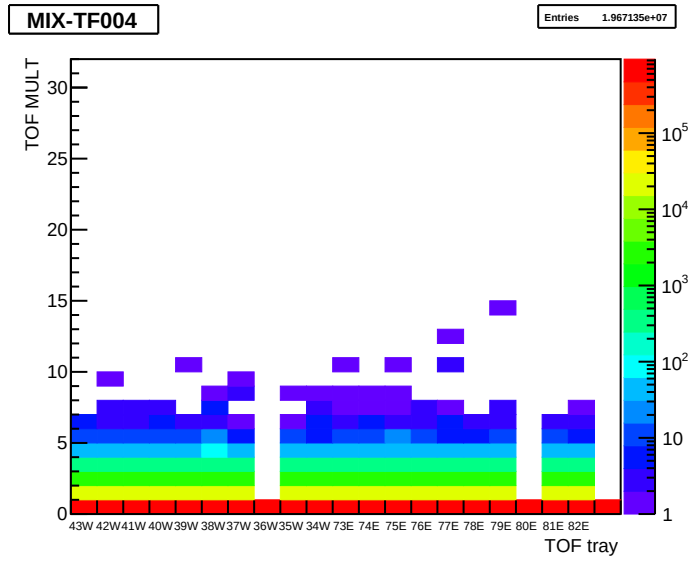

BunchId7Bit (MTD-th2)
Entries 0
10
1
$10^{-1}$
$10^{-2}$
0
20
40
60
80
100
120

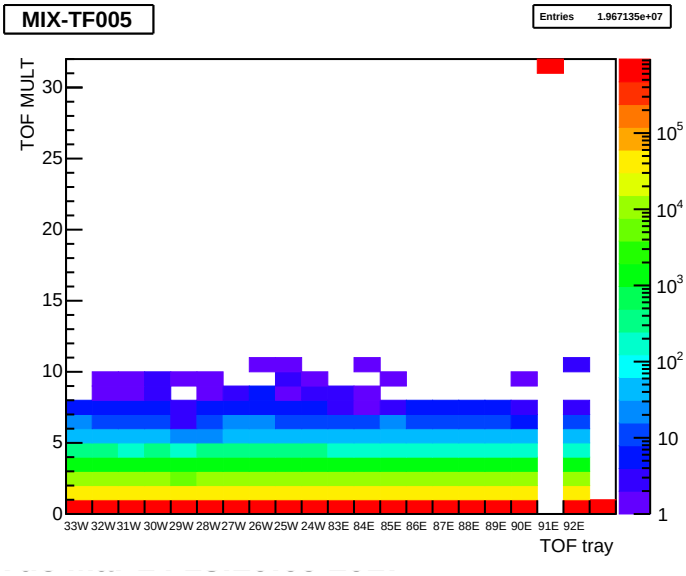

BunchId7Bit (RPET)
Entries 89667
$10^3$
0
20
40
60
80
100
120

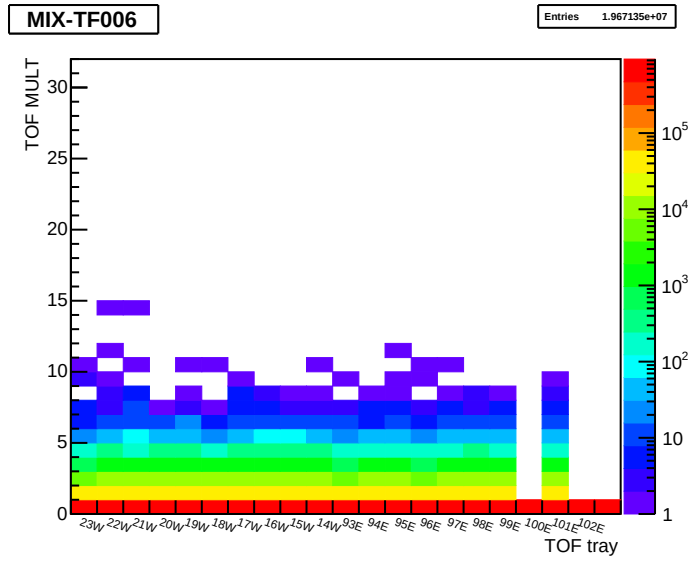

MIX-TF001
Entries 1.967135e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

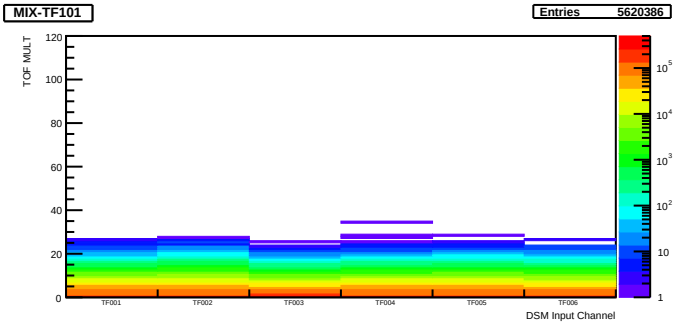

MIX-TF002
Entries 1.967135e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

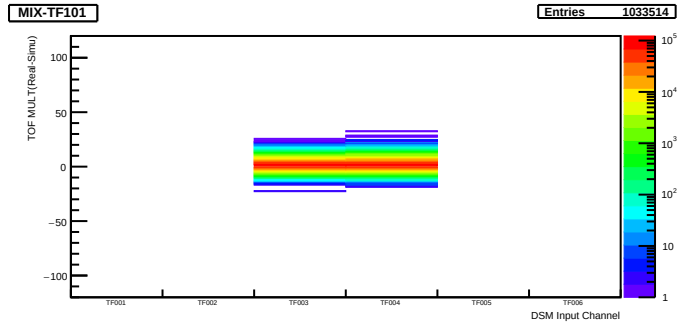

MIX-TF003
Entries 1.967135e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

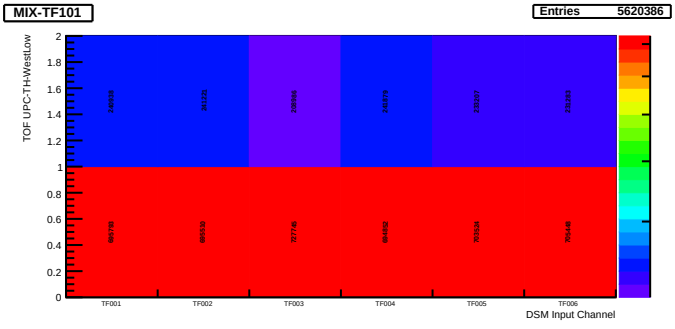

MIX-TF004
Entries 1.967135e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

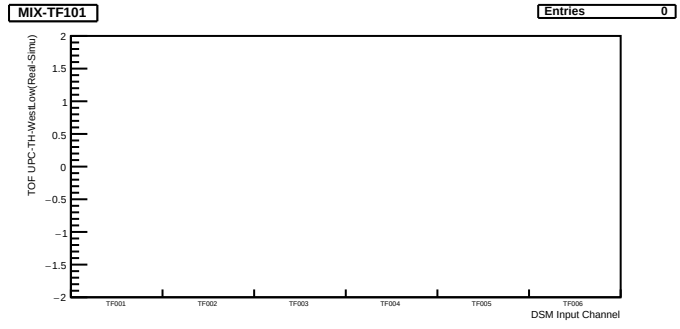

MIX-TF005
Entries 1.967135e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

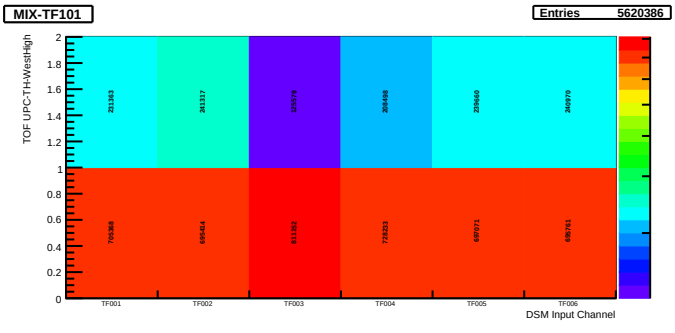

MIX-TF006
Entries 1.967135e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

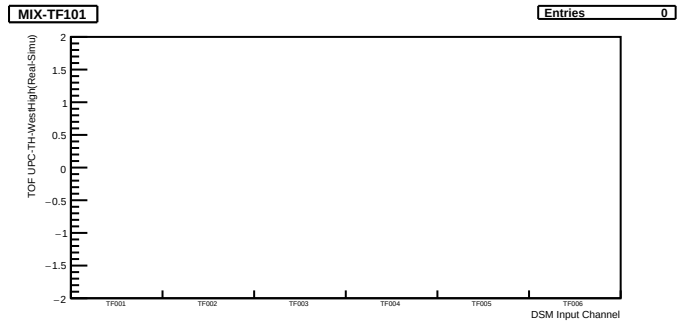

MIX-TF101
Entries 5620386
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

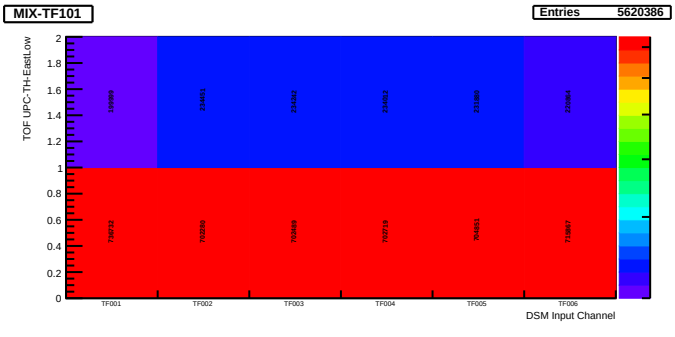

MIX-TF101
Entries 1033514
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

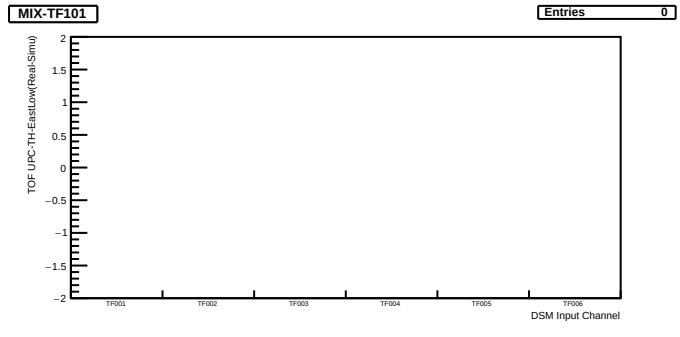

MIX-TF101
Entries 5620386
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

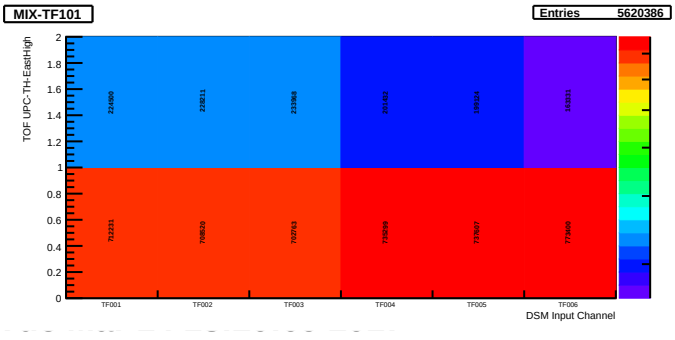

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

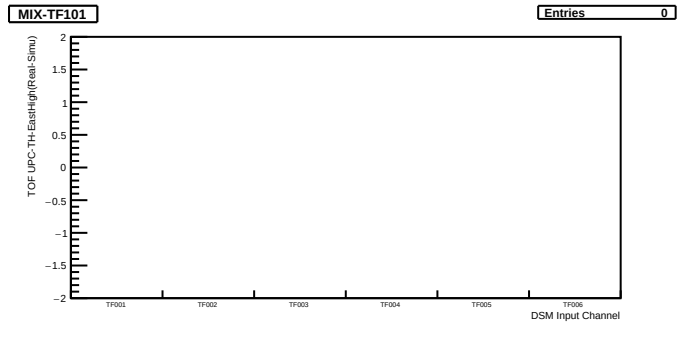

MIX-TF101
Entries 5620386
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

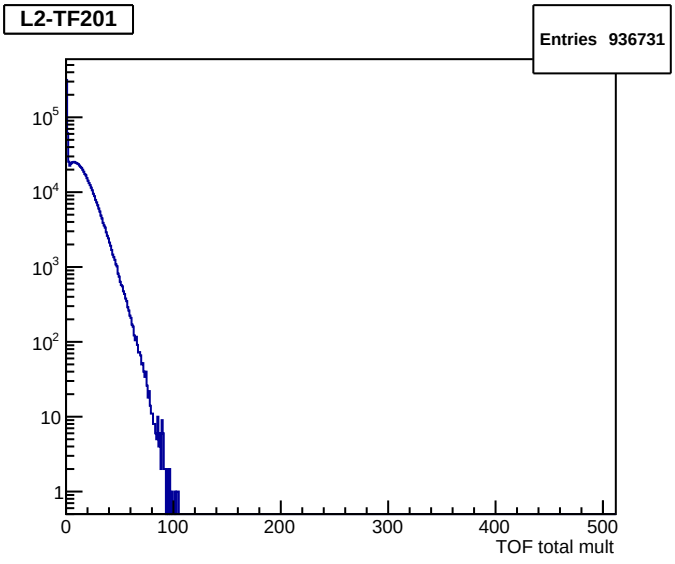

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

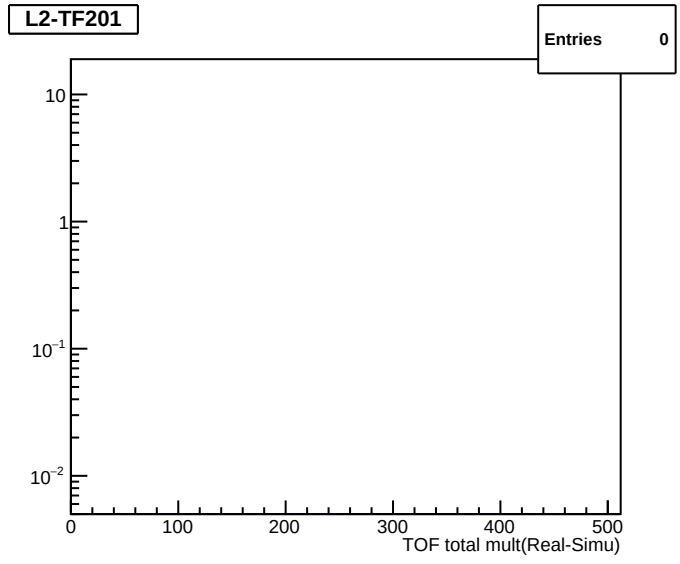

MIX-TF101
Entries 5620386
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

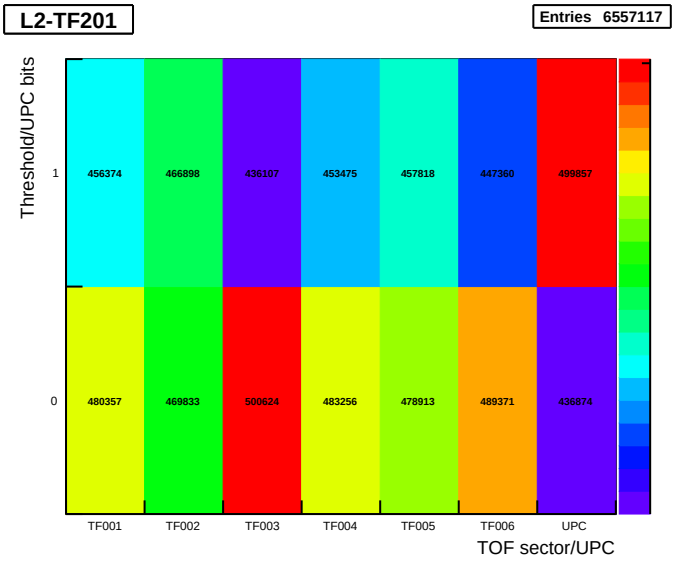

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

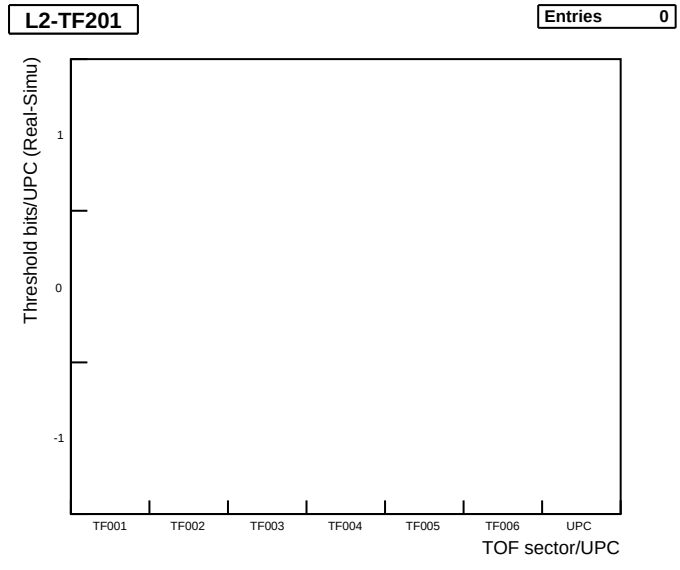

MIX-TF101
Entries 5620386
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

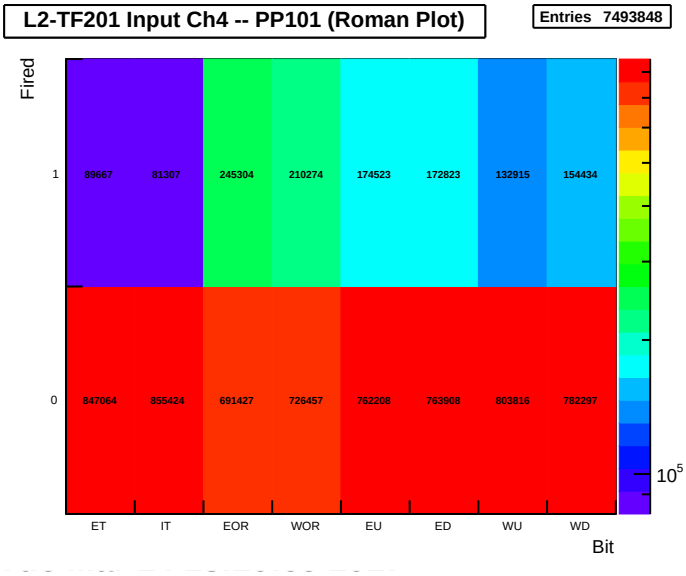

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

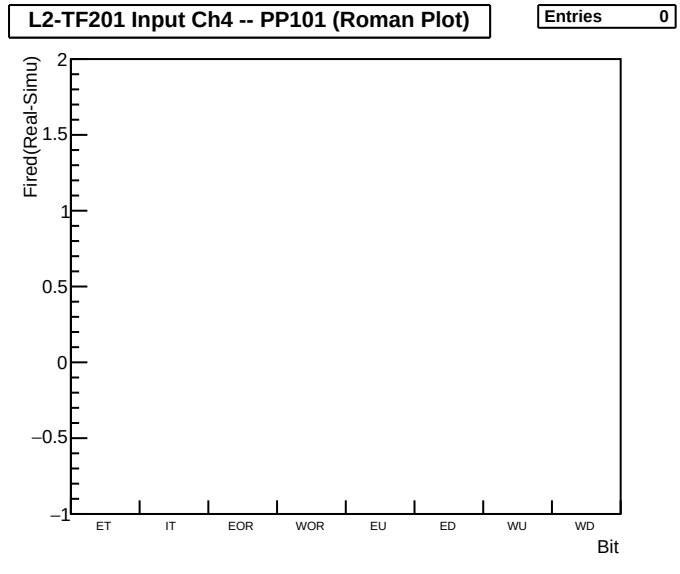

L2-TF201
Entries 936731
TOF total mult

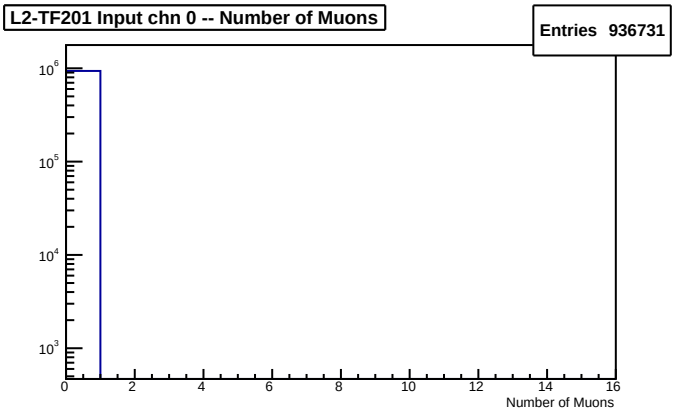

L2-TF201
Entries 0
TOF total mult(Real-Simu)

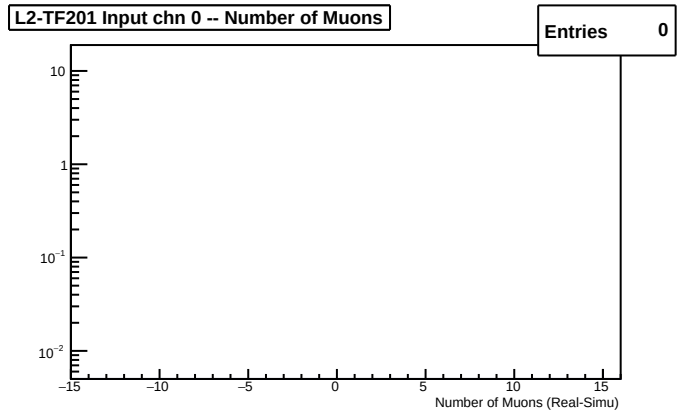

L2-TF201
Entries 6557117
Threshold/UPC bits
456374
466898
436107
453475
457818
447360
499857
480357
469833
500624
483256
478913
489371
436874
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

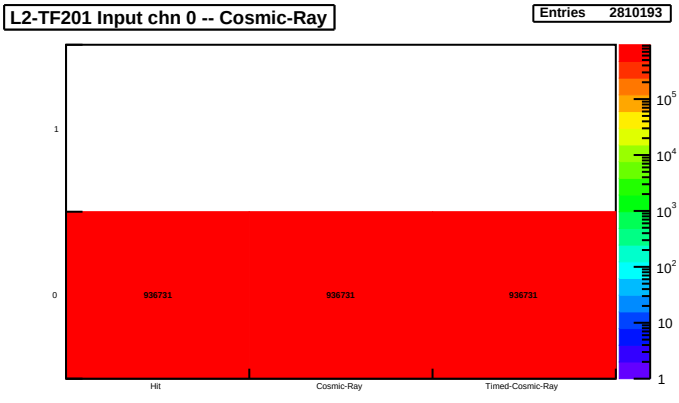

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

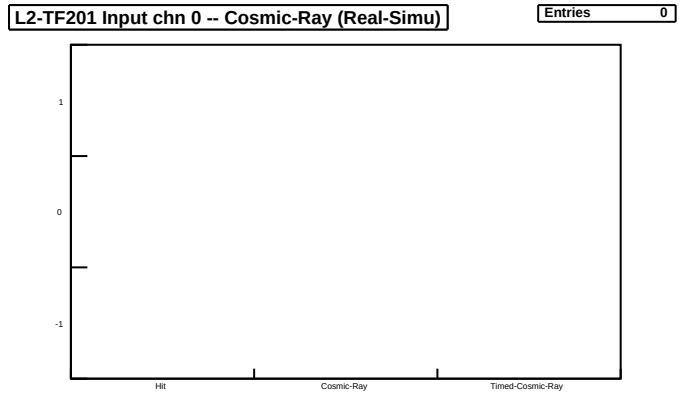

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 7493848
Fired
89667
81307
245304
210274
174523
172823
132915
154434
847064
855424
691427
726457
762208
763908
803816
782297
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

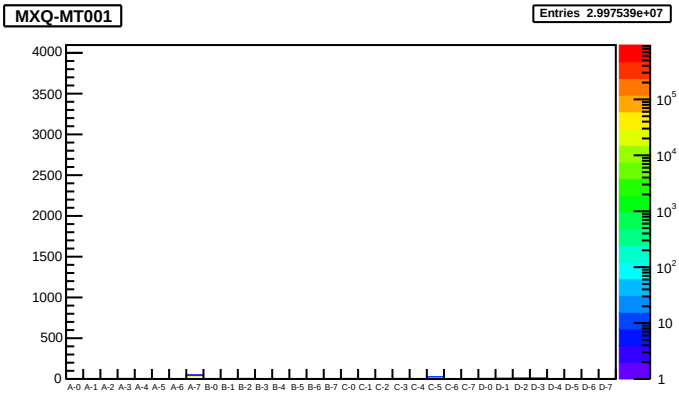

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

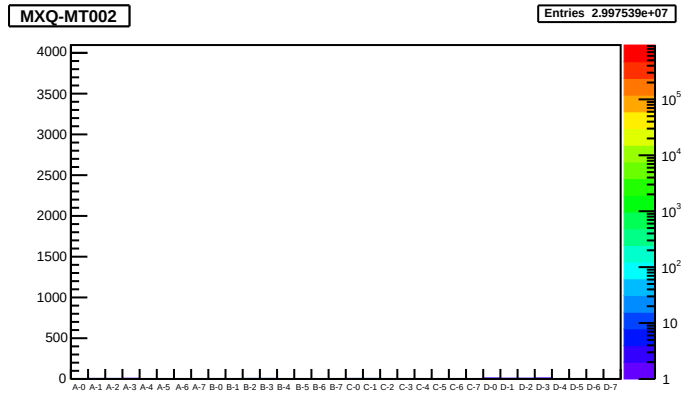

L2-TF201 Input chn 0 -- Number of Muons
Entries 936731
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2810193
936731
936731
936731
Hit
Cosmic-Ray
Timed-Cosmic-Ray


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


MXQ-MT001
Entries 2.997539e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
$10^4$
$10^3$
$10^2$
10
1


MXQ-MT002
Entries 2.997539e+07
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3000
2500
2000
1500
1000
500
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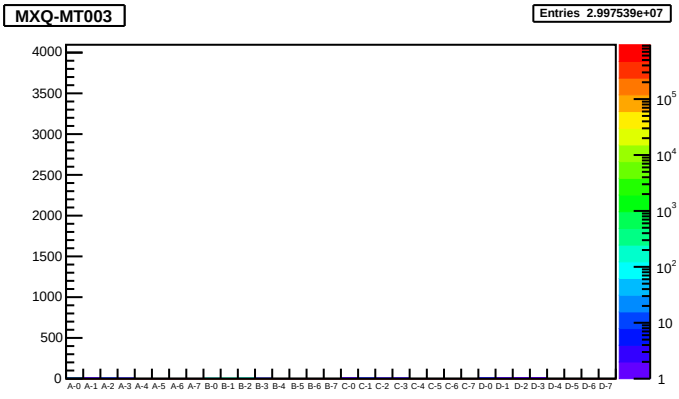
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
$10^4$
$10^3$
$10^2$
10
1


MXQ-MT003
Entries 2.997539e+07
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1000
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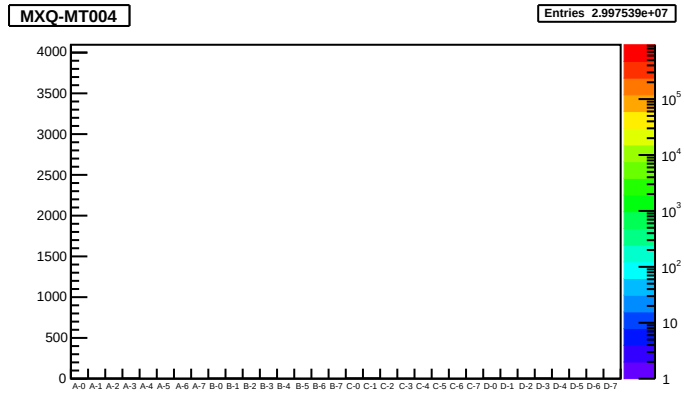
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
$10^4$
$10^3$
$10^2$
10
1


MXQ-MT004
Entries 2.997539e+07
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2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
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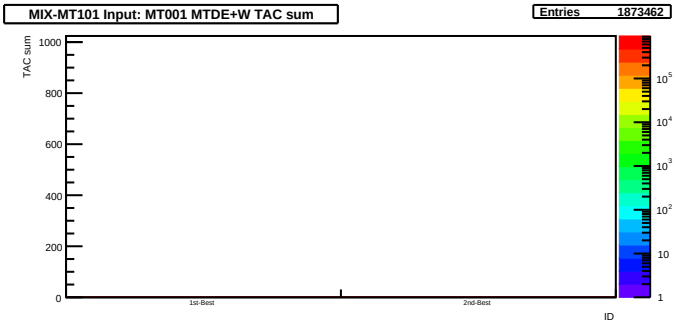
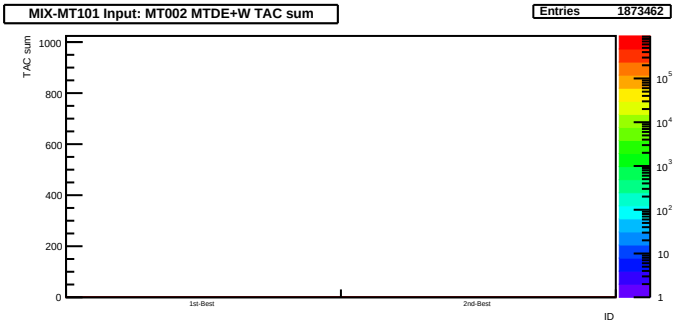
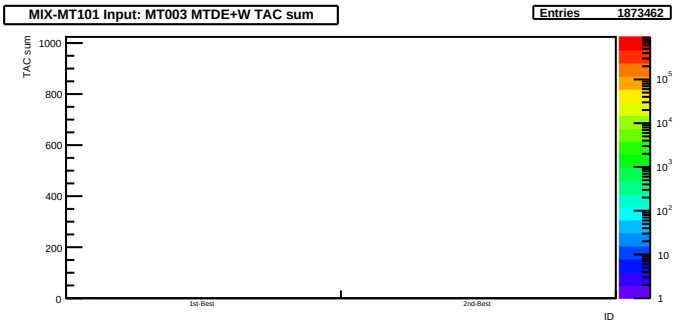
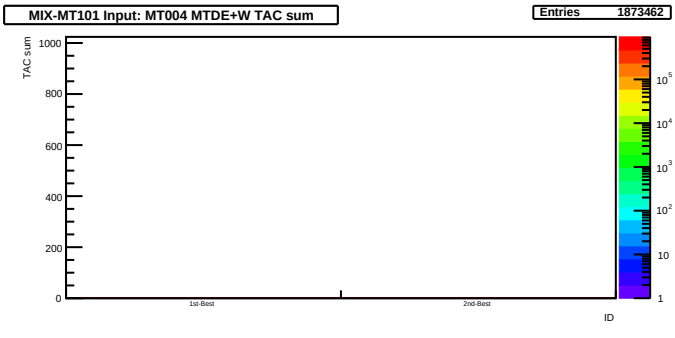
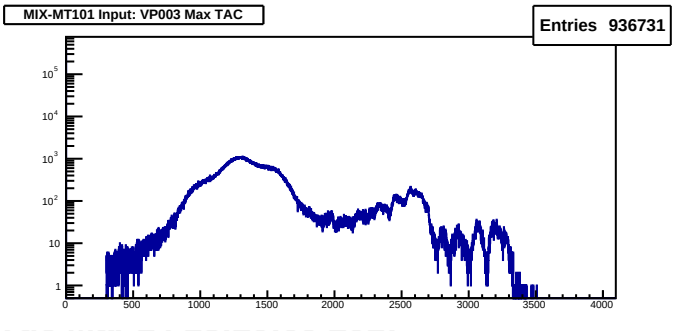
$10^3$
$10^2$
10
1

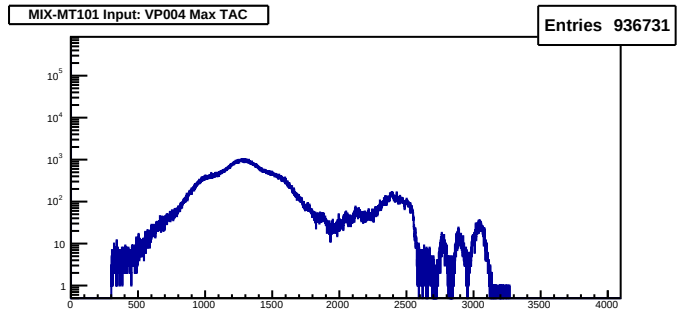

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1873462
TAC sum
1st-Best
2nd-Best
ID

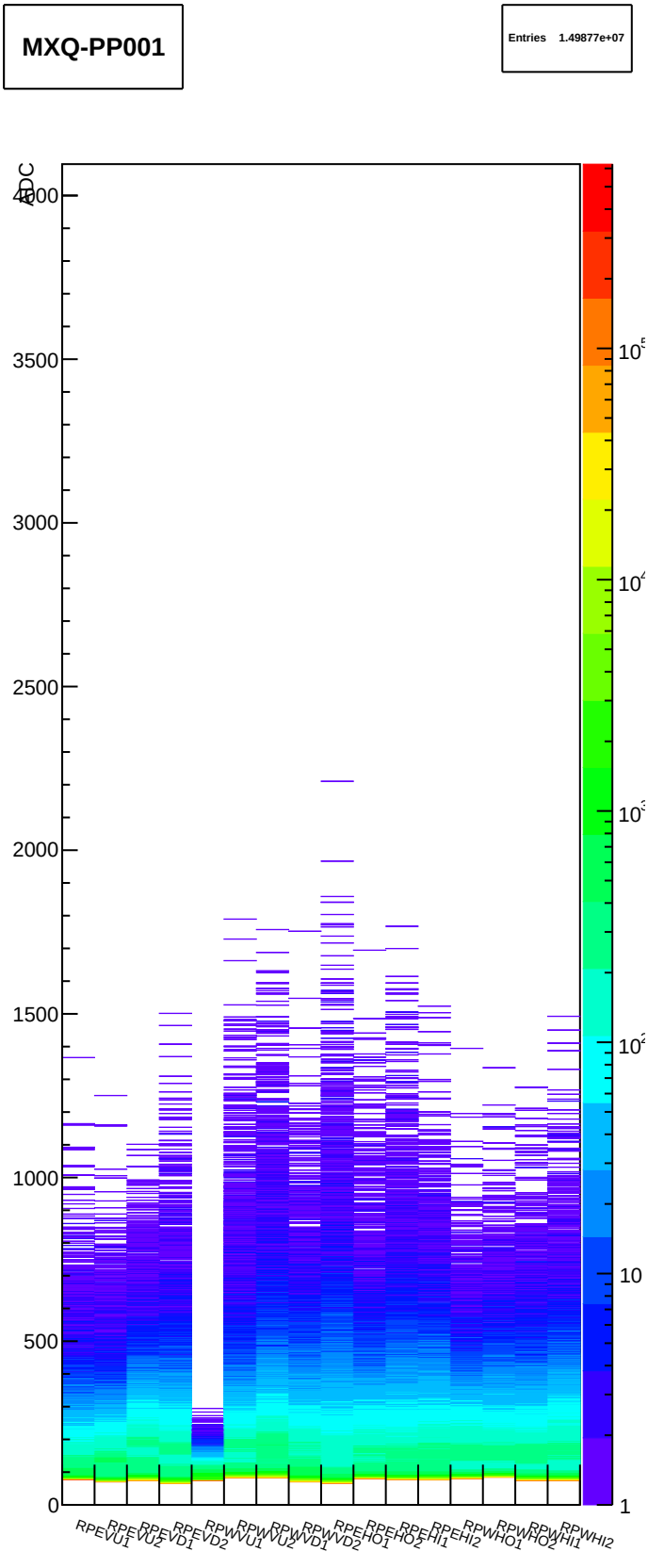

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1873462
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1873462
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1873462
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 936731


MIX-MT101 Input: VP004 Max TAC
Entries 936731


MXQ-PP001
Entries 1.49877e+07
ADC
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3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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RPEHO2
RPEHI1
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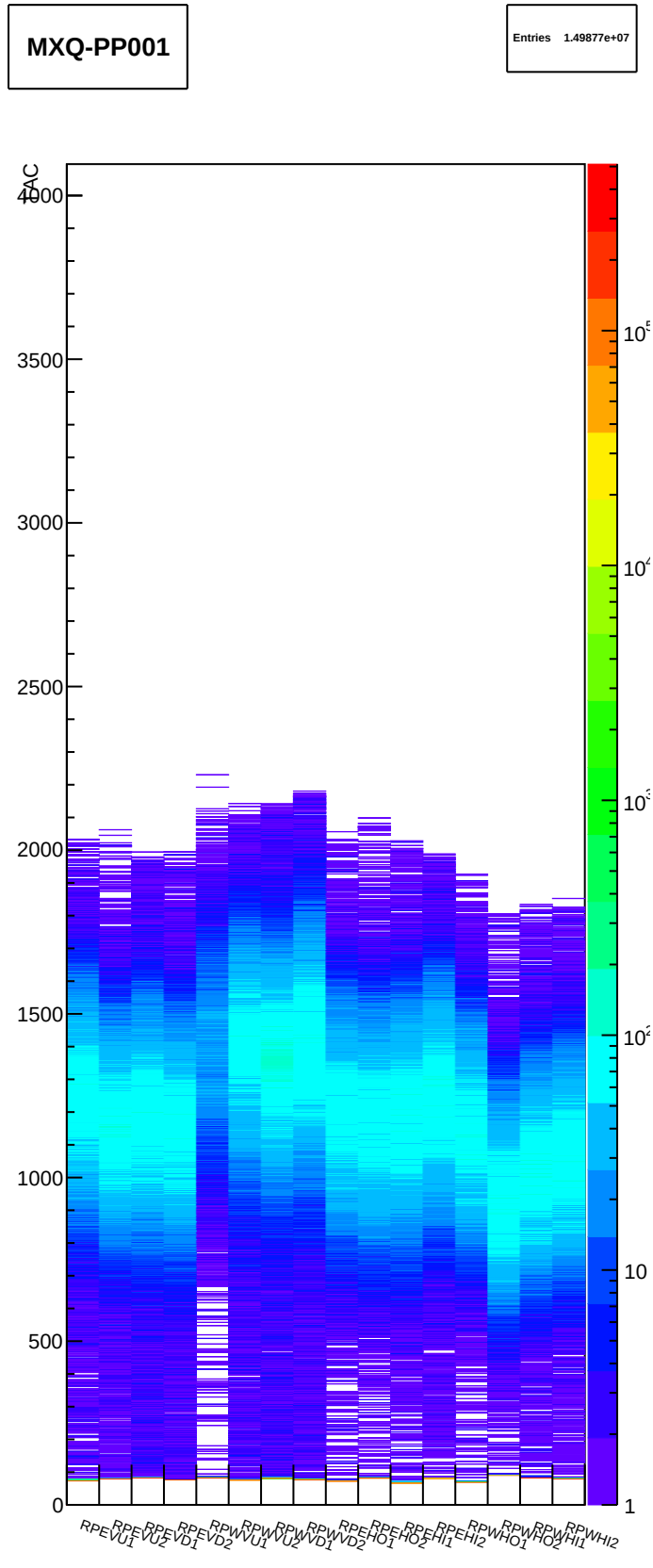
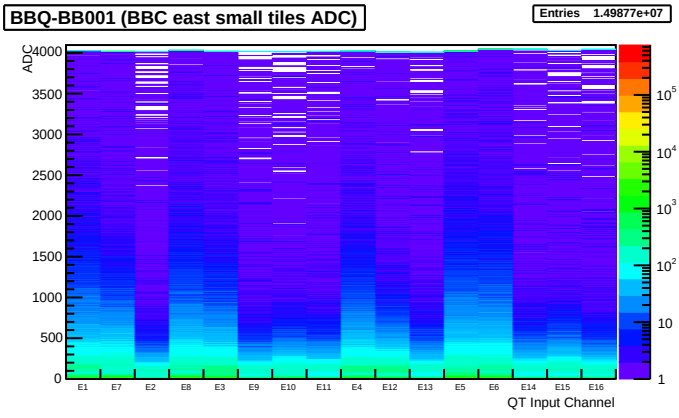
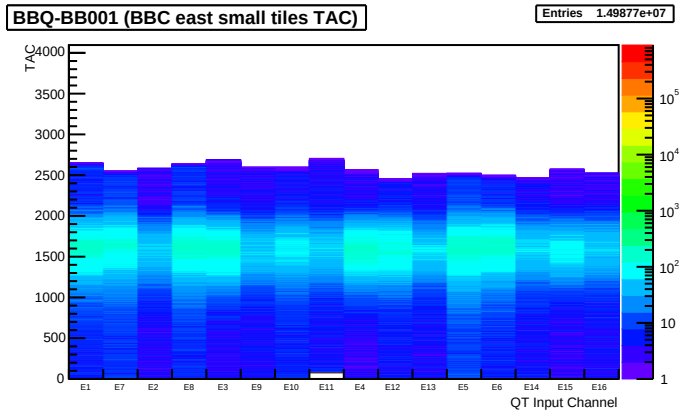
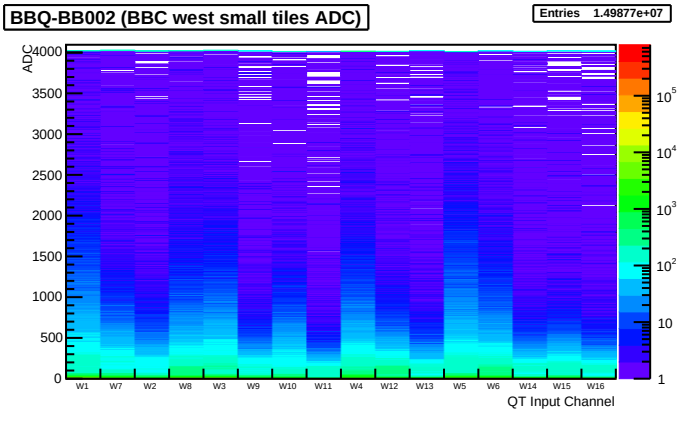
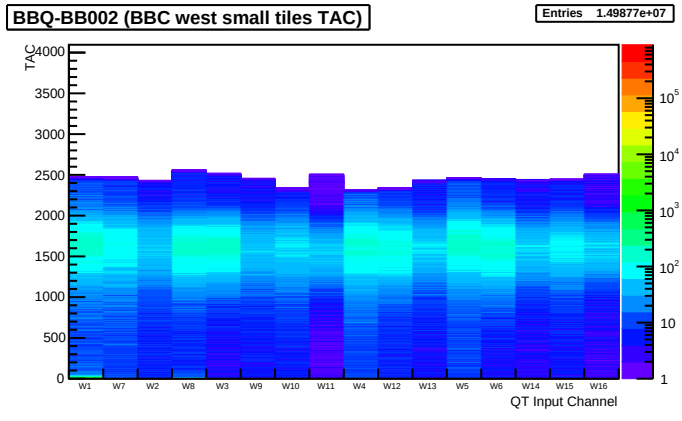
RPWHO2
RPWHI1
RPWHI2
1
10

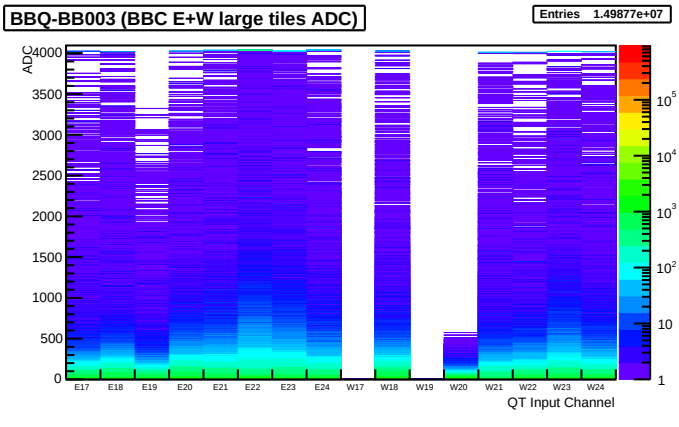

MXQ-PP001
Entries 1.49877e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

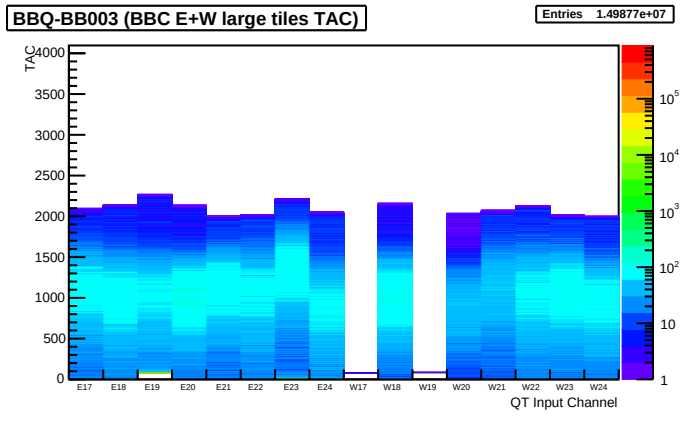

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.49877e+07
ADC
QT Input Channel

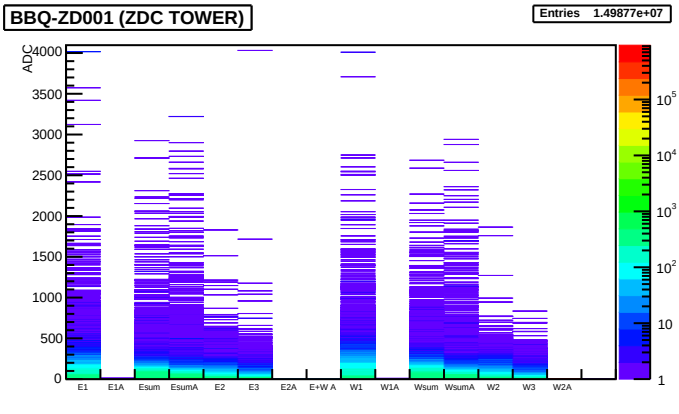

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.49877e+07
TAC
QT Input Channel

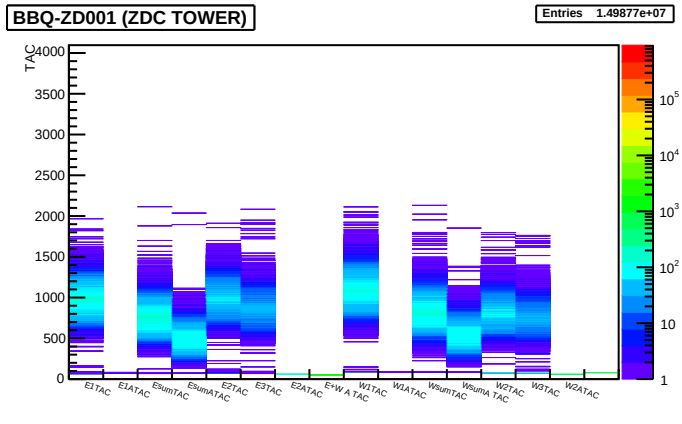

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.49877e+07
ADC
QT Input Channel

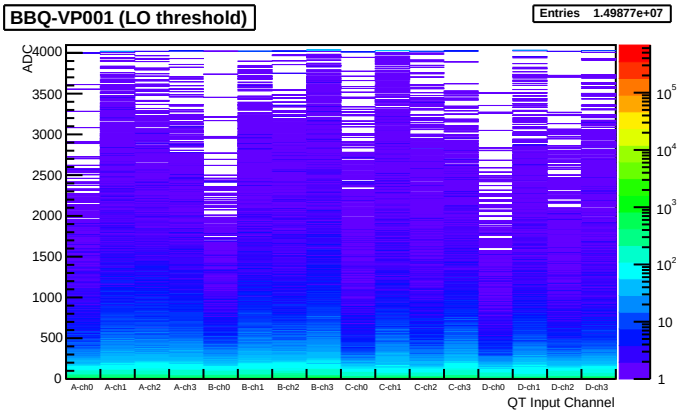

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.49877e+07
TAC
QT Input Channel

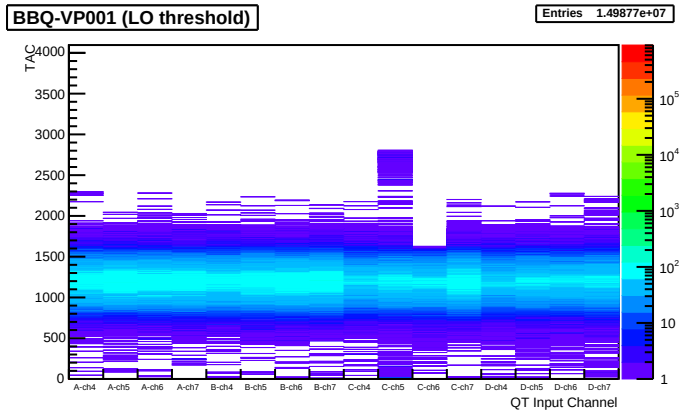

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.49877e+07
ADC
QT Input Channel

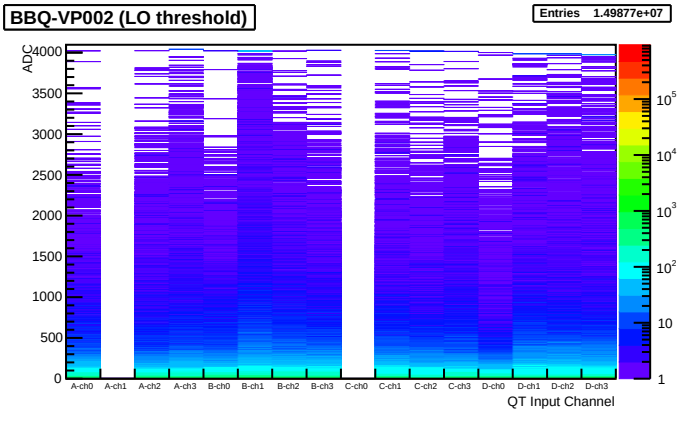

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.49877e+07
TAC
QT Input Channel

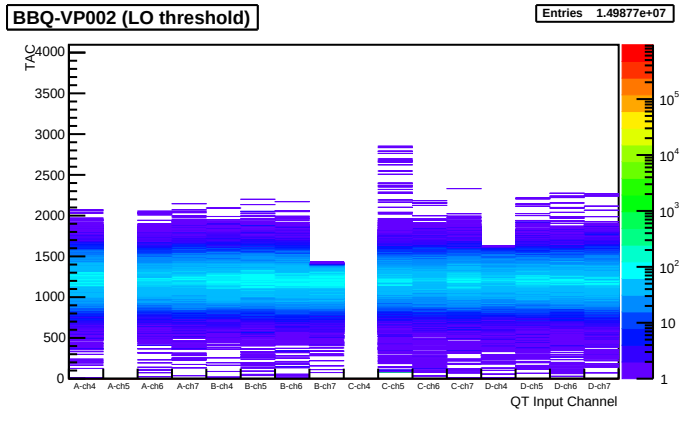

BBQ-ZD001 (ZDC TOWER)
Entries 1.49877e+07
ADC

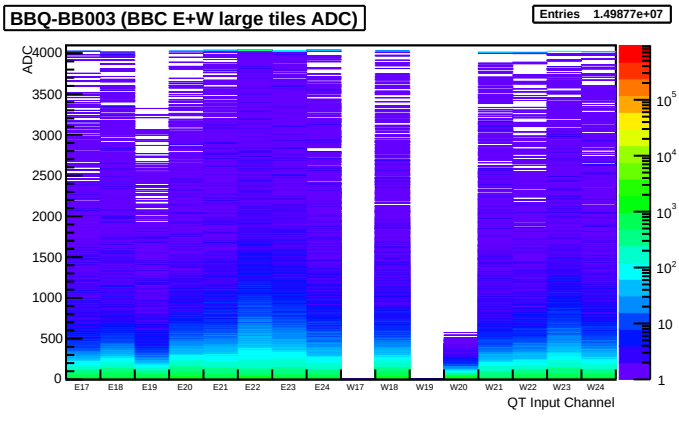

BBQ-ZD001 (ZDC TOWER)
Entries 1.49877e+07
TAC

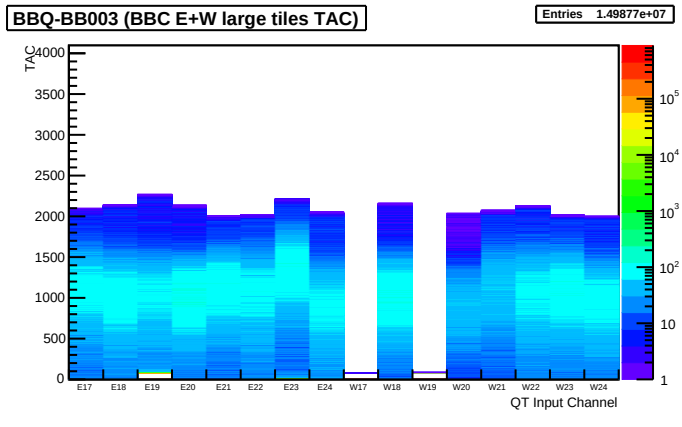

BBQ-VP001 (LO threshold)
Entries 1.49877e+07
ADC
QT Input Channel

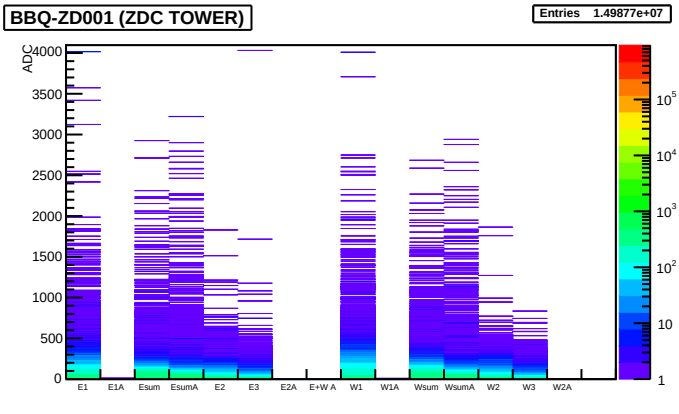

BBQ-VP001 (LO threshold)
Entries 1.49877e+07
TAC
QT Input Channel

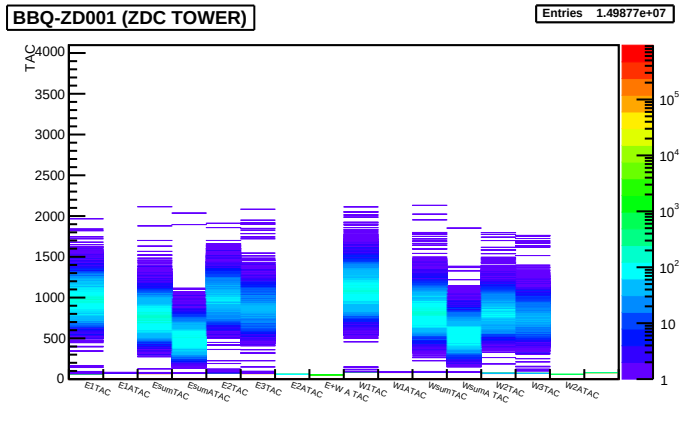

BBQ-VP002 (LO threshold)
Entries 1.49877e+07
ADC
QT Input Channel

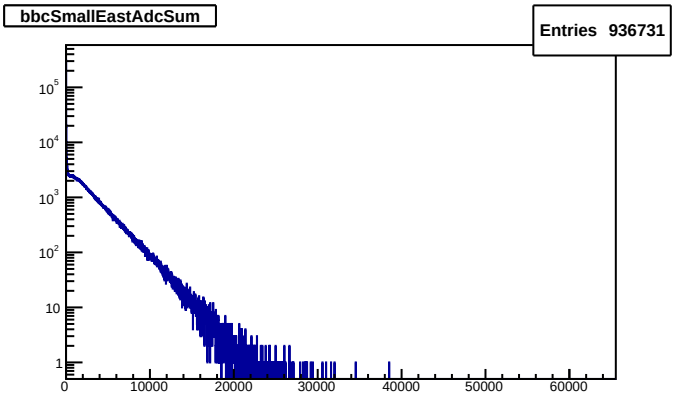

BBQ-VP002 (LO threshold)
Entries 1.49877e+07
TAC
QT Input Channel

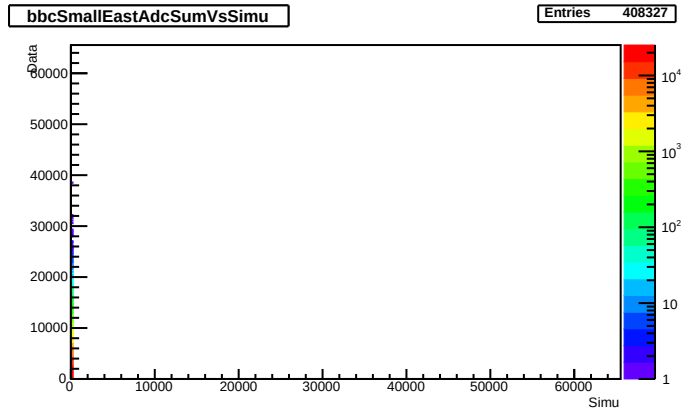

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.49877e+07
ADC
QT Input Channel

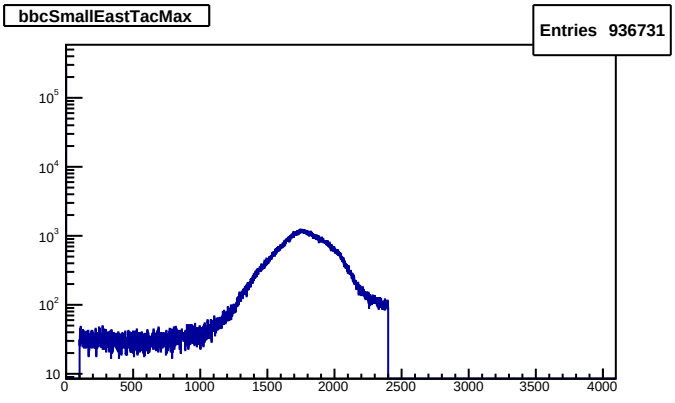

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.49877e+07
TAC
QT Input Channel

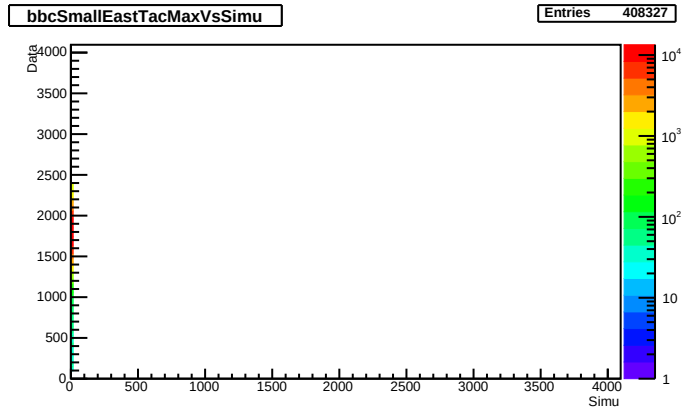

BBQ-ZD001 (ZDC TOWER)
Entries 1.49877e+07
ADC

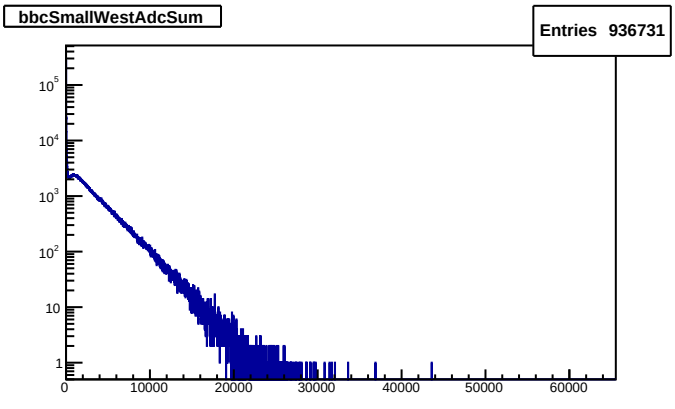

BBQ-ZD001 (ZDC TOWER)
Entries 1.49877e+07
TAC

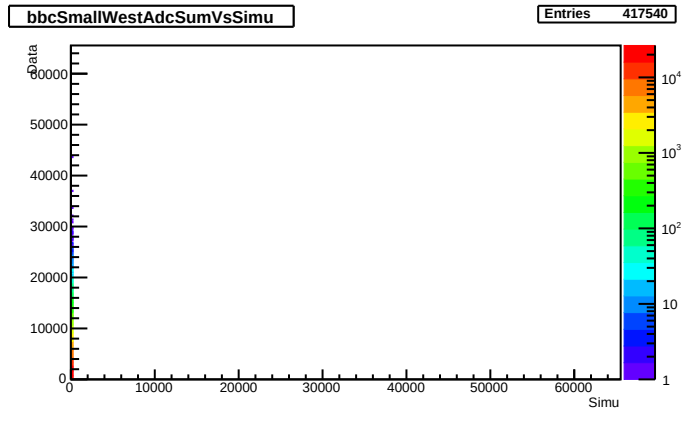

bbcSmallEastAdcSum
Entries 936731

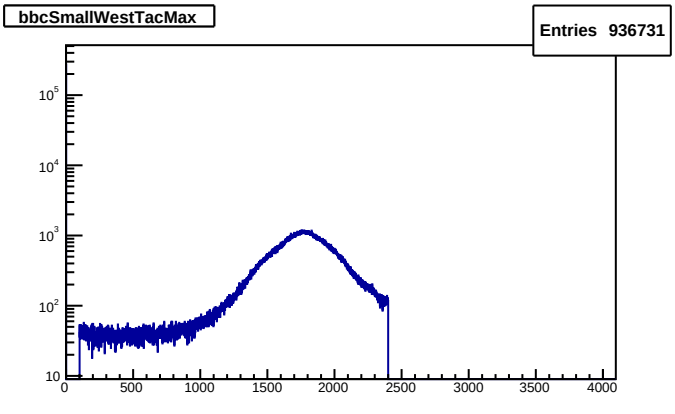

bbcSmallEastAdcSumVsSimu
Entries 408327
Data
Simu

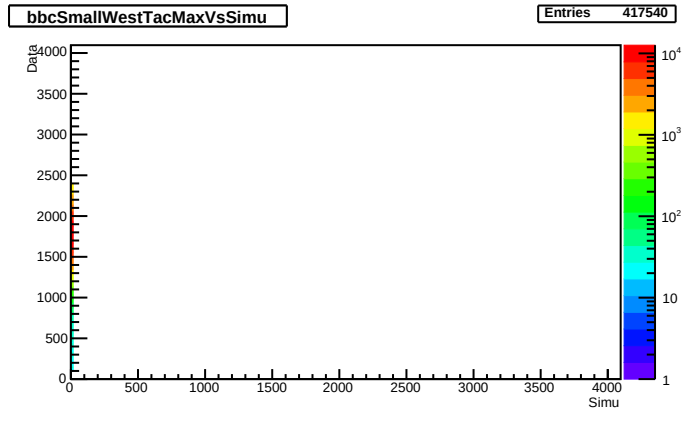

bbcSmallEastTacMax
Entries 936731

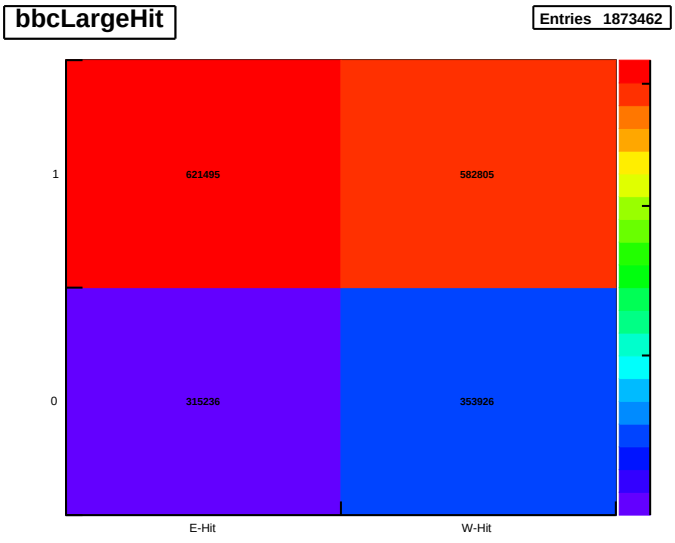

bbcSmallEastTacMaxVsSimu
Entries 408327
Data
Simu


bbcSmallWestAdcSum
Entries 936731


bbcSmallWestAdcSumVsSimu
Entries 417540
Data
Simu


bbcSmallWestTacMax
Entries 936731


bbcSmallWestTacMaxVsSimu
Entries 417540
Data
Simu


bbcLargeHit
Entries 1873462
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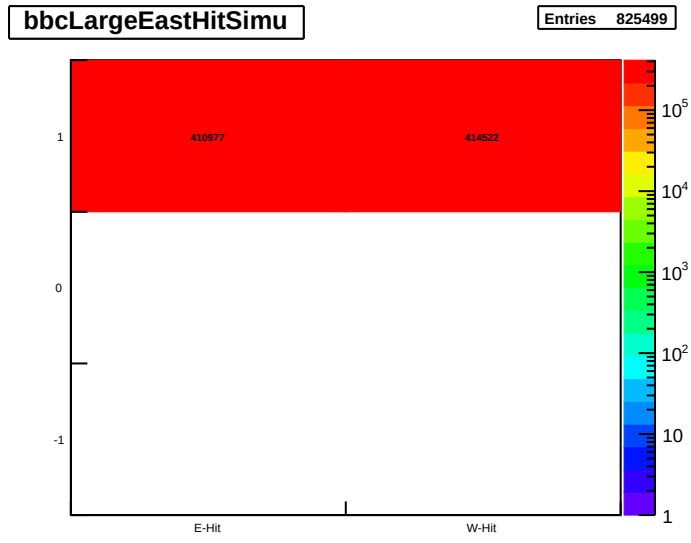
582805
315236
353926
1
0
E-Hit
W-Hit


bbcLargeEastHitSimu
Entries 825499
410977
414522
1
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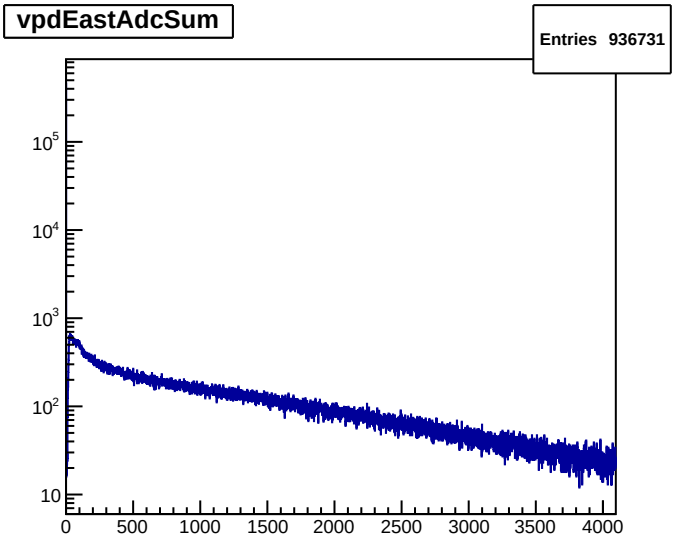
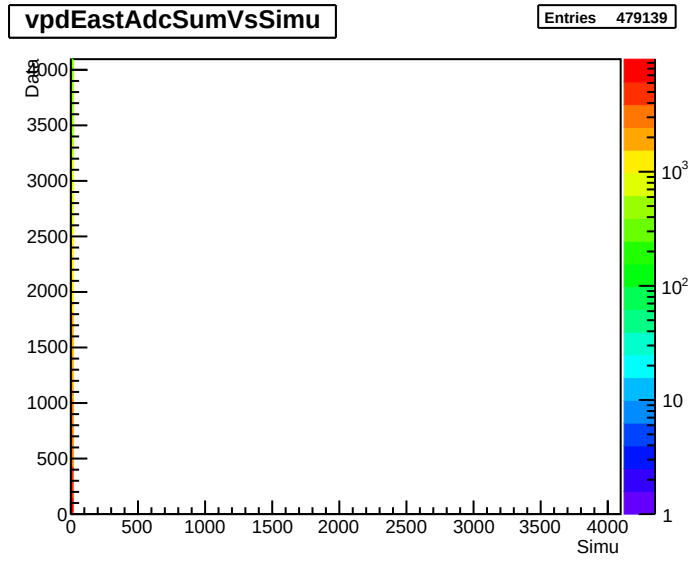
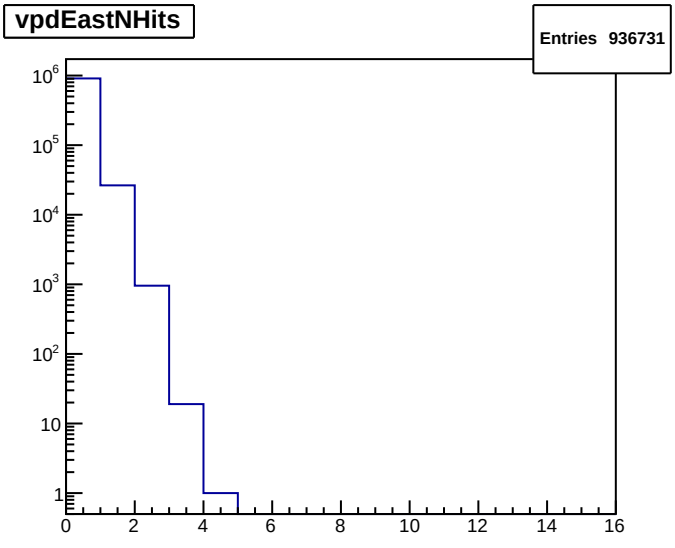
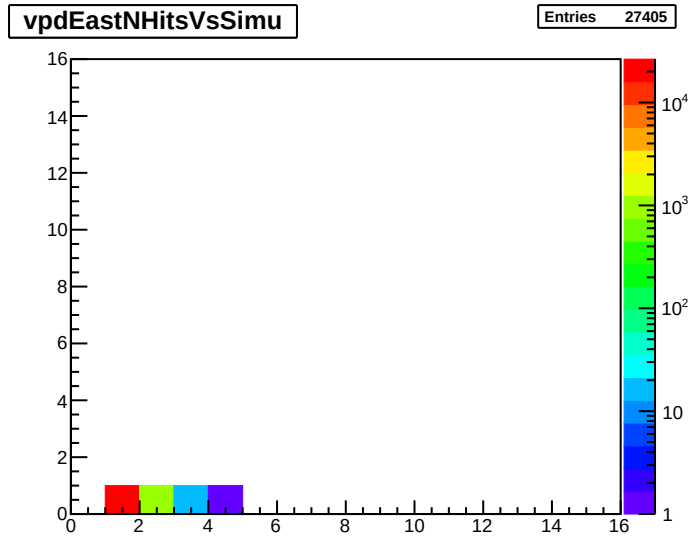
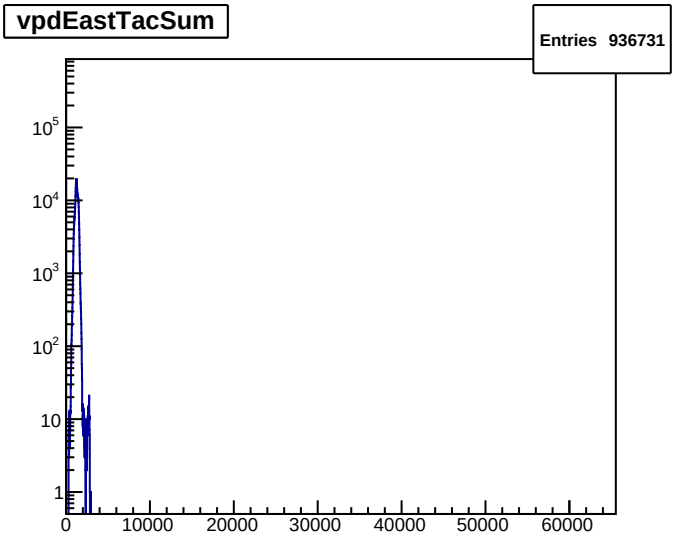
-1
E-Hit
W-Hit
$10^5$
$10^4$
$10^3$
$10^2$
10
1

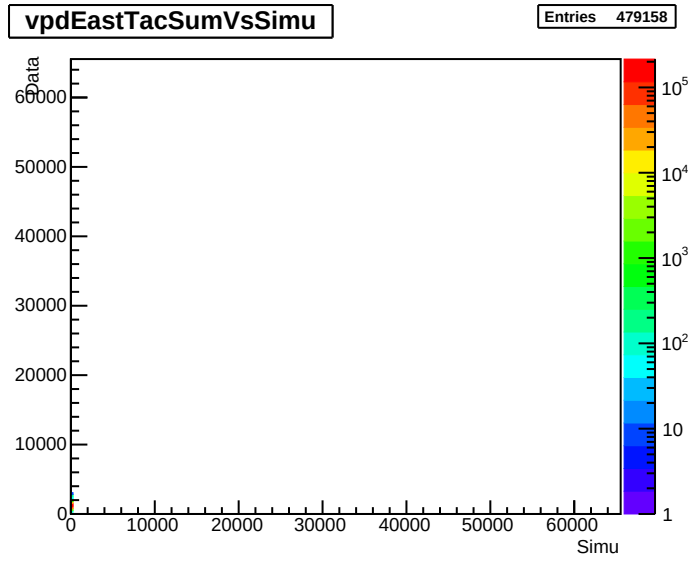

vpdEastAdcSum
Entries 936731

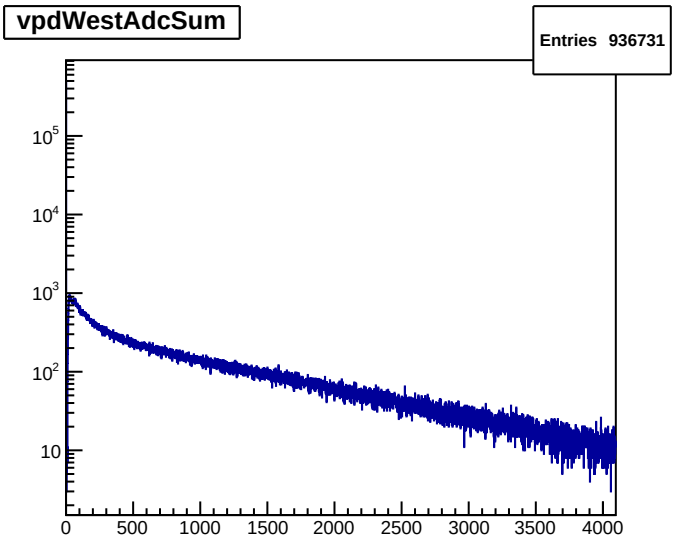

vpdEastAdcSumVsSimu
Entries 479139
Data
Simu

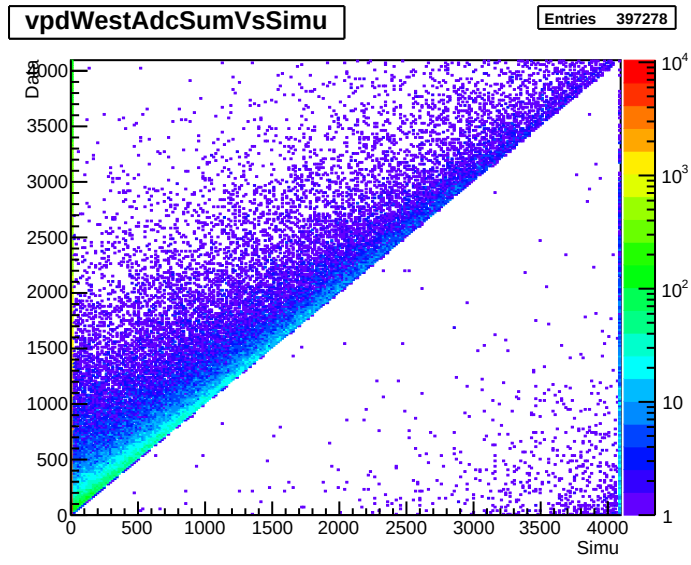

vpdEastNHits
Entries 936731

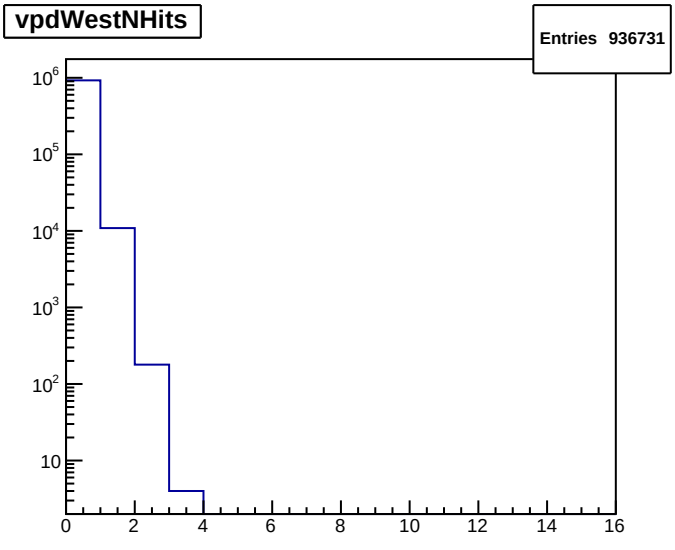

vpdEastNHitsVsSimu
Entries 27405

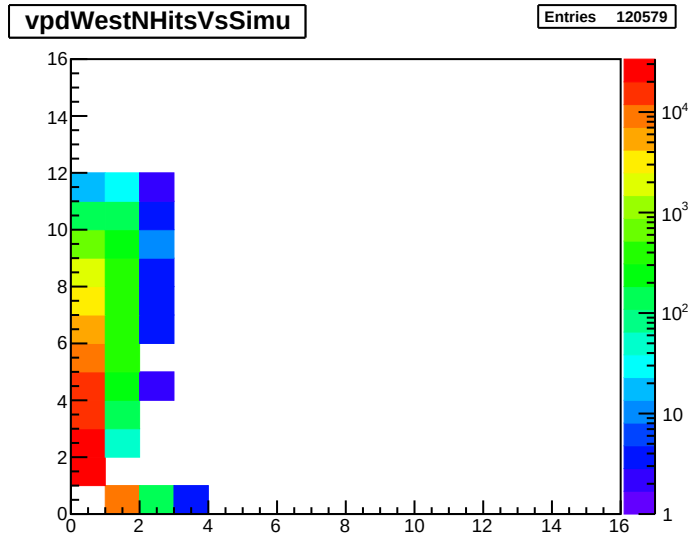

vpdEastTacSum
Entries 936731

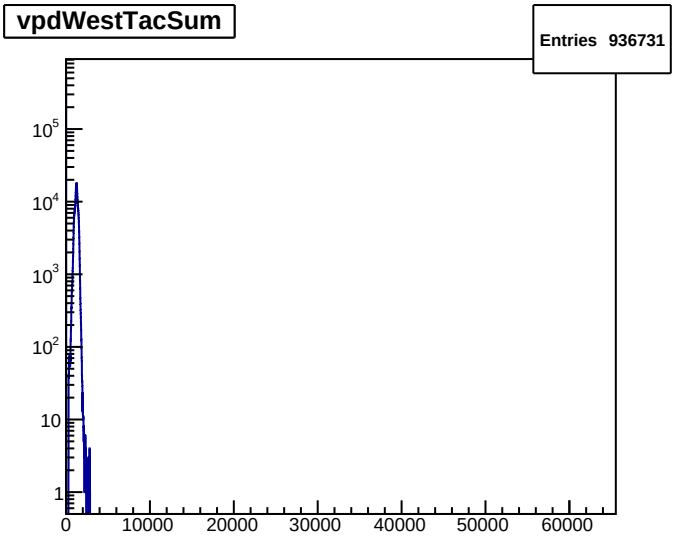

vpdEastTacSumVsSimu
Entries 479158
Data
Simu

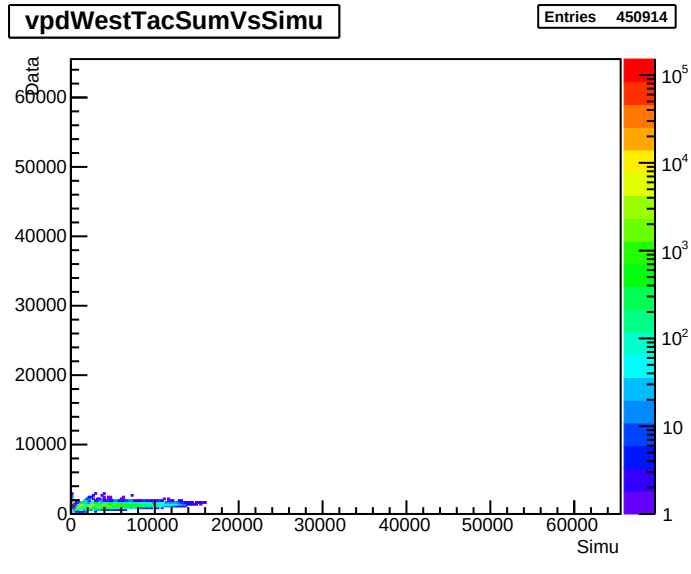

vpdWestAdcSum
Entries 936731

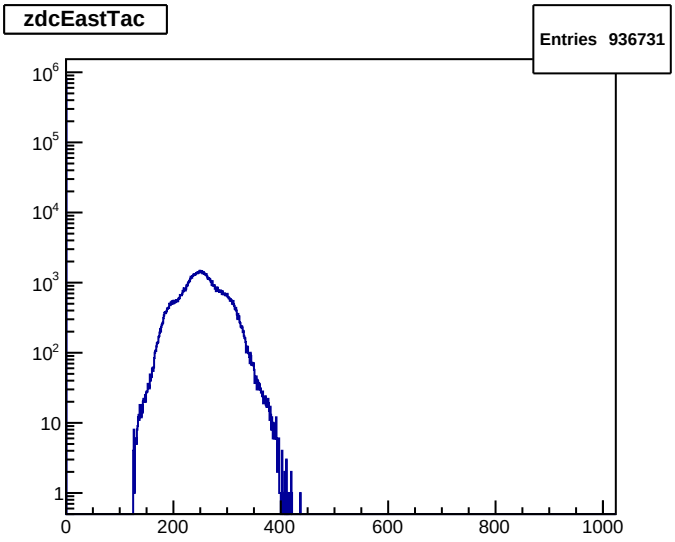

vpdWestAdcSumVsSimu
Entries 397278
Data
Simu

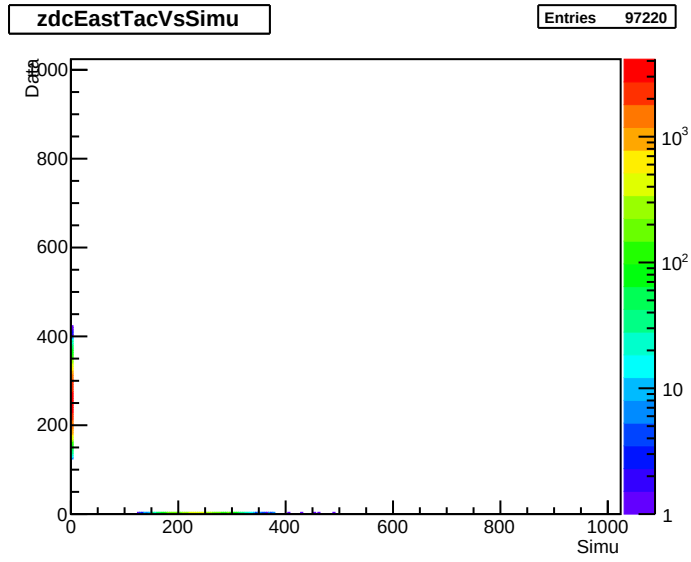

vpdWestNHits
Entries 936731

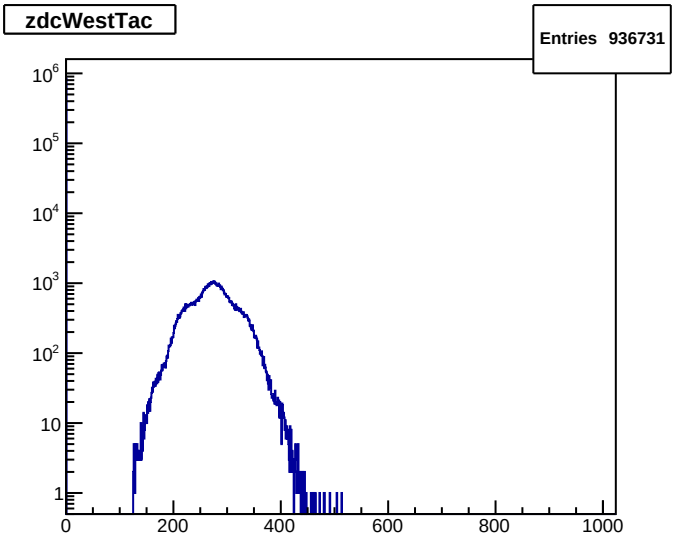

vpdWestNHitsVsSimu
Entries 120579

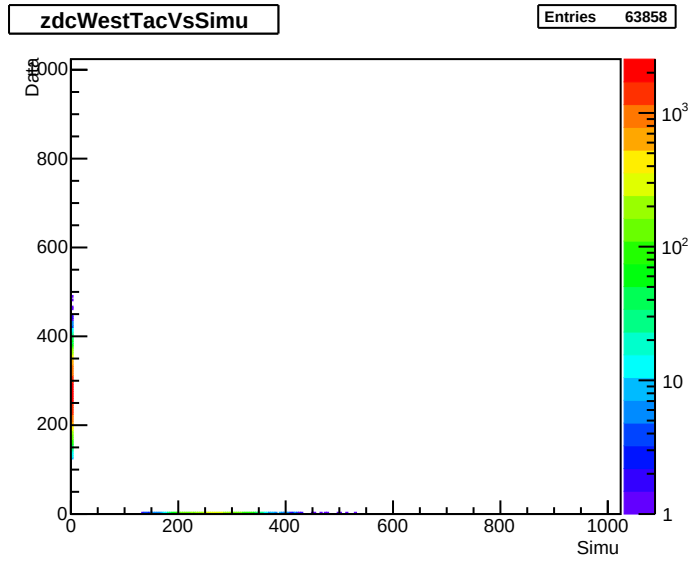

vpdWestTacSum
Entries 936731

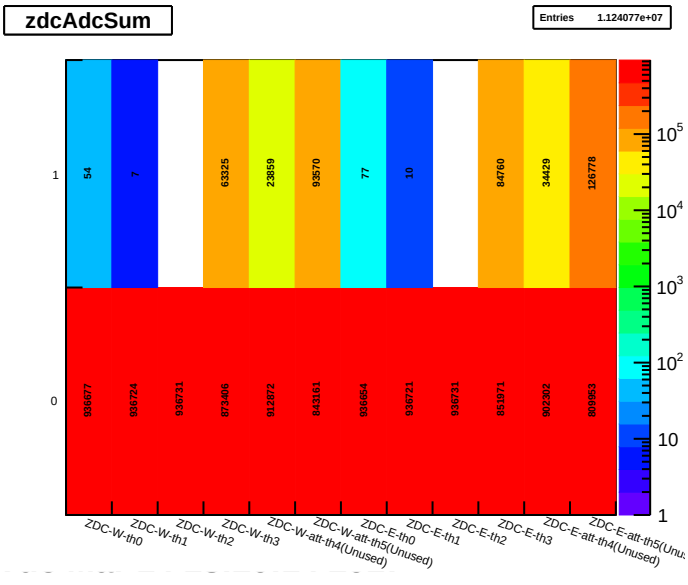

vpdWestTacSumVsSimu
Entries 450914
Data
Simu

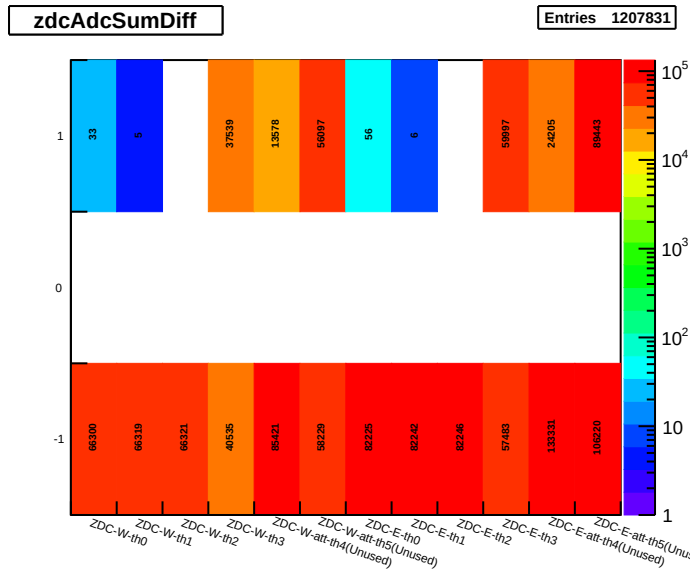

zdcEastTac
Entries 936731

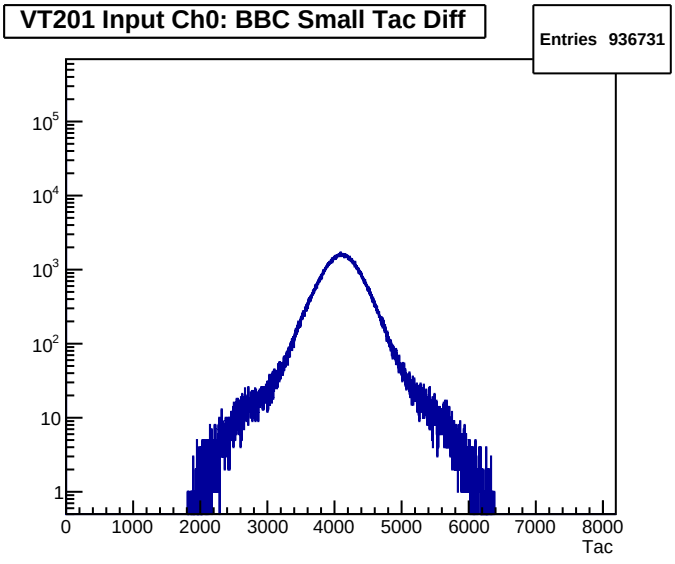

zdcEastTacVsSimu
Entries 97220
Data
Simu

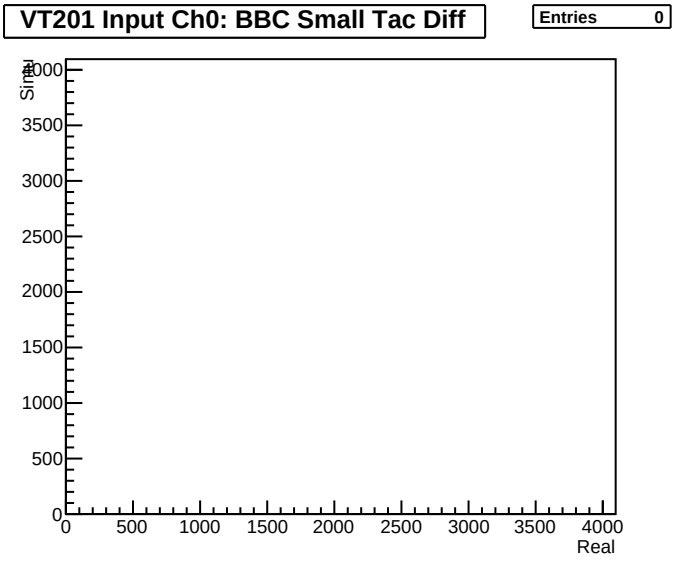

zdcWestTac
Entries 936731

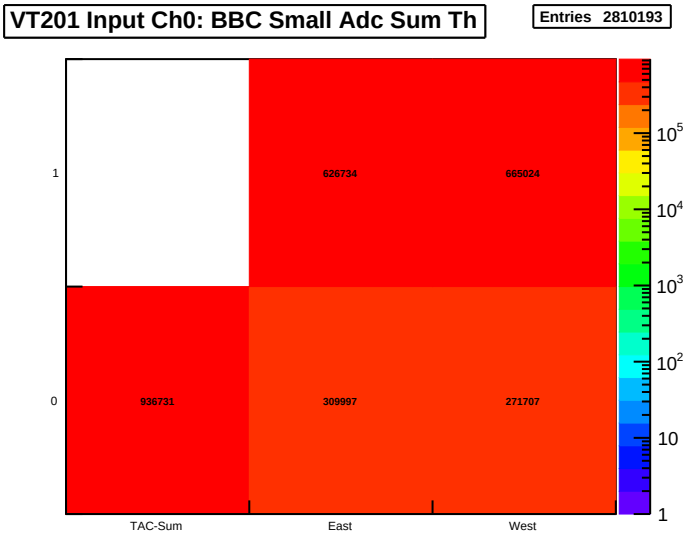

zdcWestTacVsSimu
Entries 63858
Data
Simu

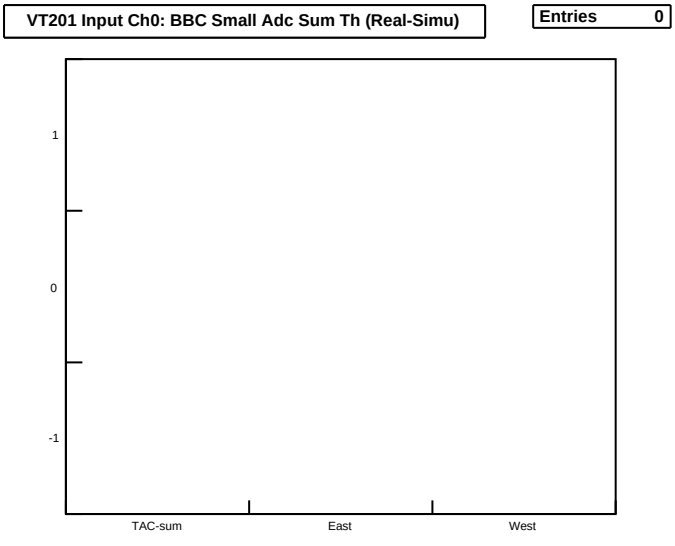

zdcAdcSum
Entries 1.124077e+07
54
7
63325
23859
93570
77
10
84760
34429
126778
936677
936724
936731
873406
912872
843161
936654
936721
936731
851971
902302
809953
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

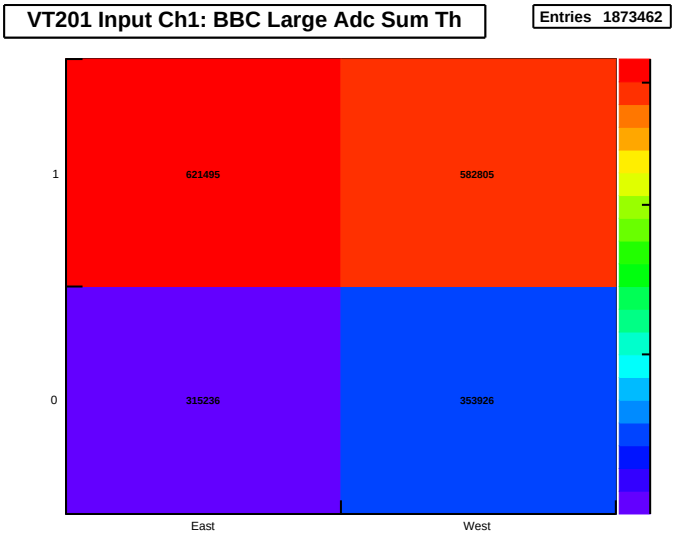

zdcAdcSumDiff
Entries 1207831
33
5
37539
13578
56097
56
6
59997
24205
89443
66300
66319
66321
40535
85421
58229
82225
82242
82246
57483
133331
106220
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

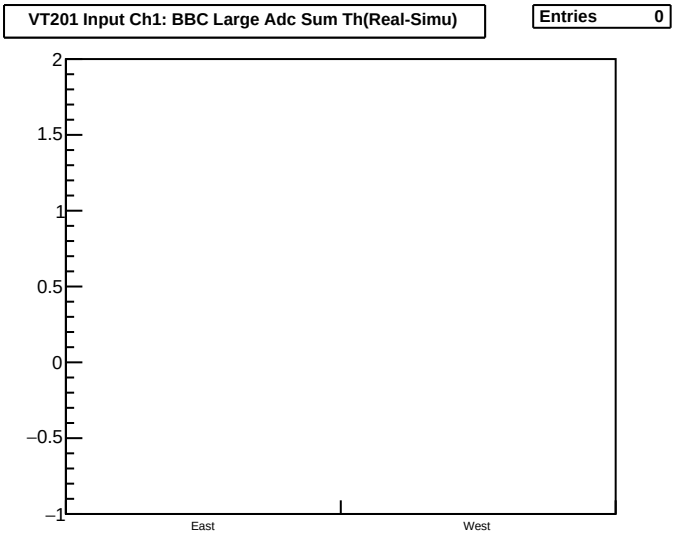

VT201 Input Ch0: BBC Small Tac Diff
Entries 936731
Tac


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

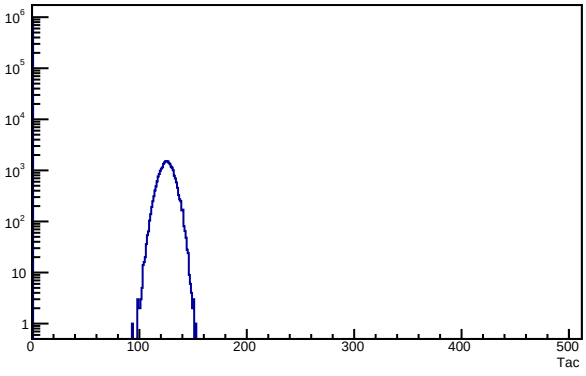

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2810193
626734
665024
936731
309997
271707
TAC-Sum
East
West


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

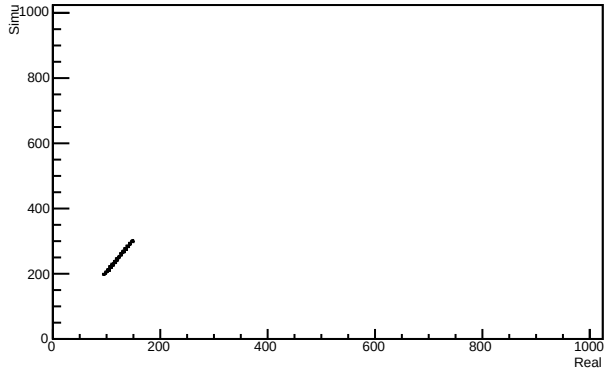

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1873462
621495
582805
315236
353926
East
West


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

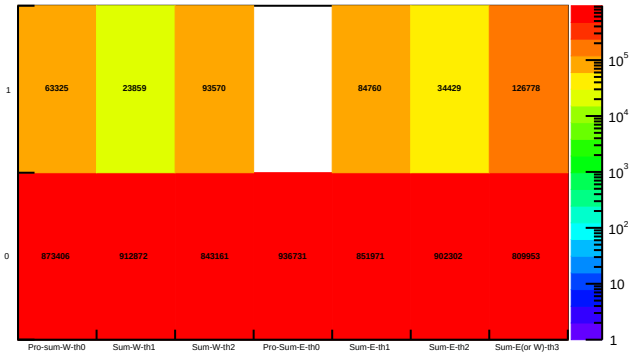
**VT201 Input Ch2: ZDC Tac Diff**



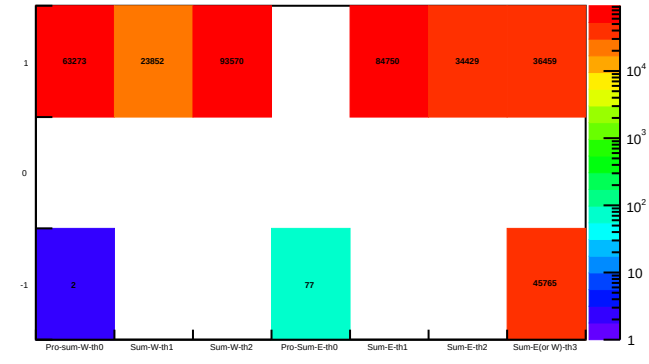

**VT201 Input Ch2: ZDC Tac Diff**



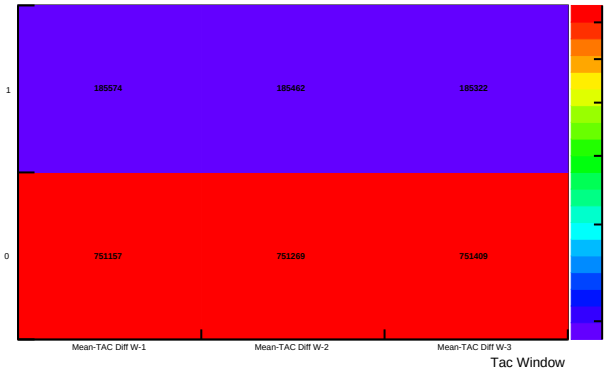

**VT201 Input Ch2: ZDC Adc Sum Th**



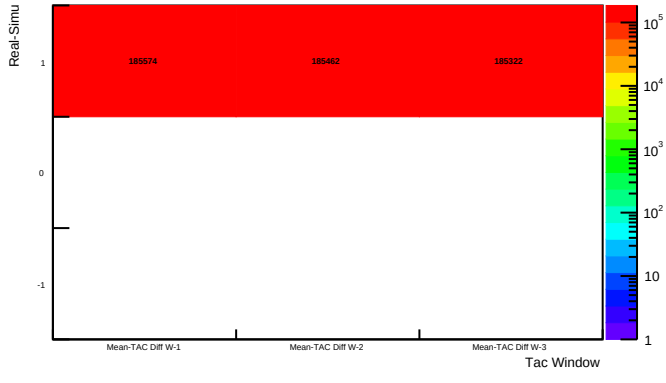

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



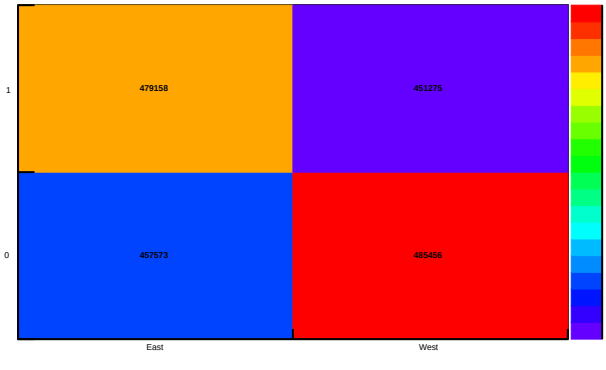

**VT201 Input Ch4: VPD Tac Diff**



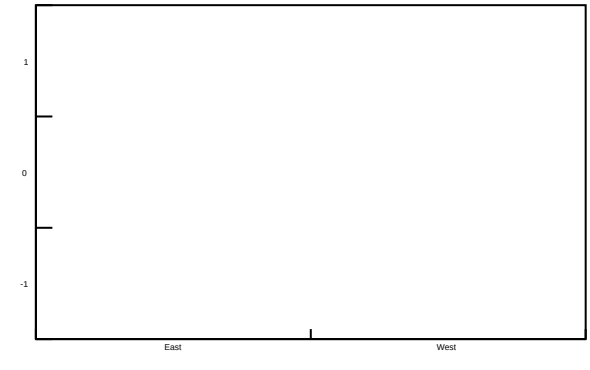

**VT201 Input Ch4: VPD Tac Diff**

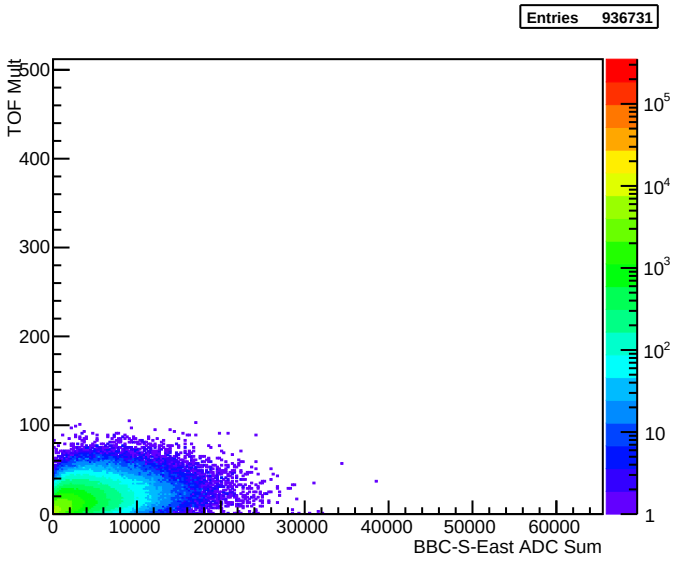


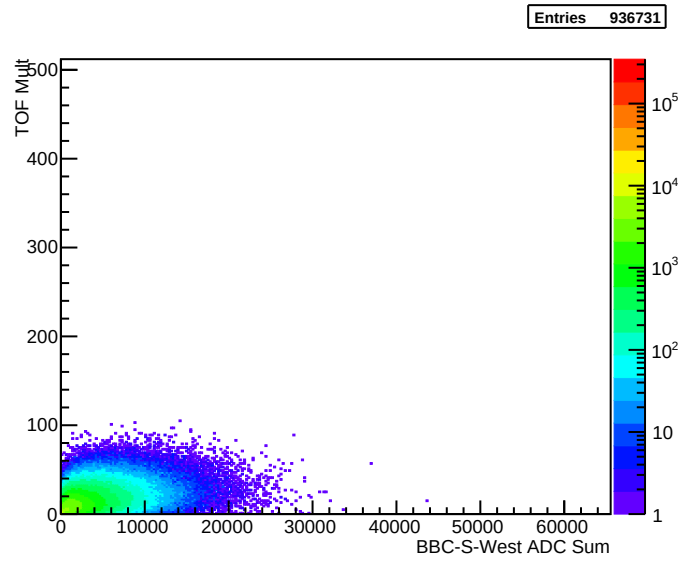

**VT201 Input Ch4: VPD Adc Sum Th**

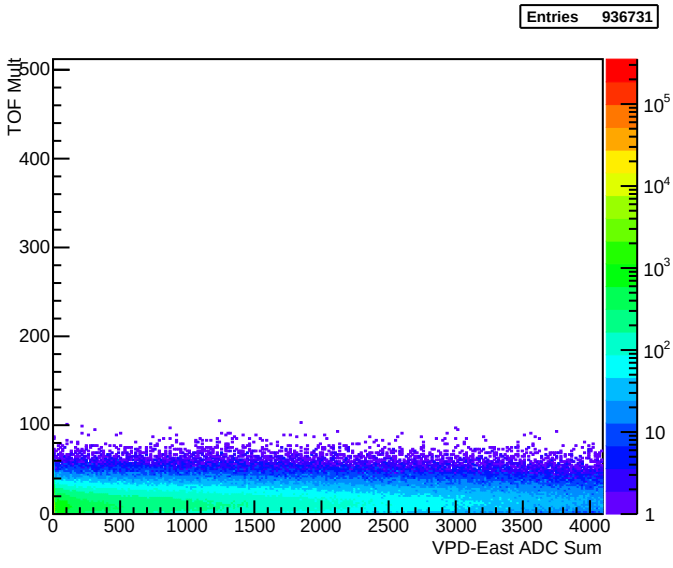


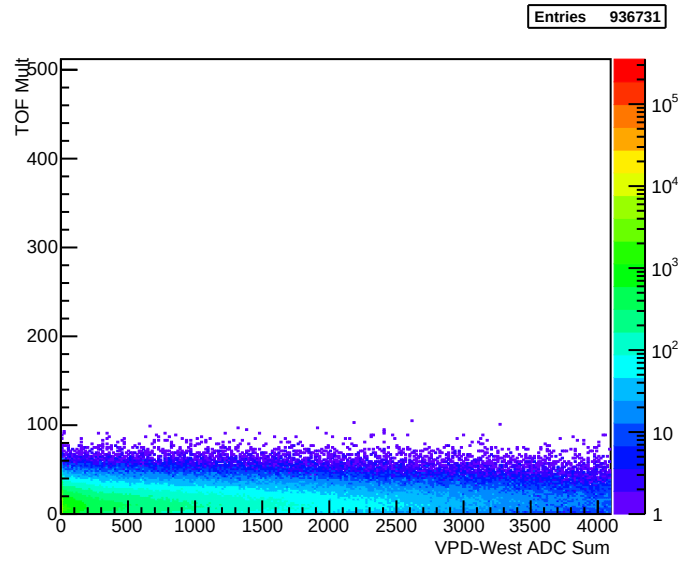

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

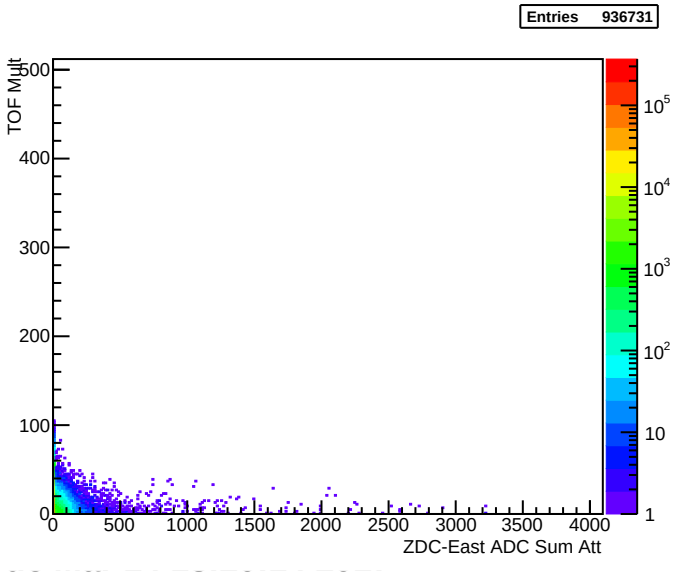


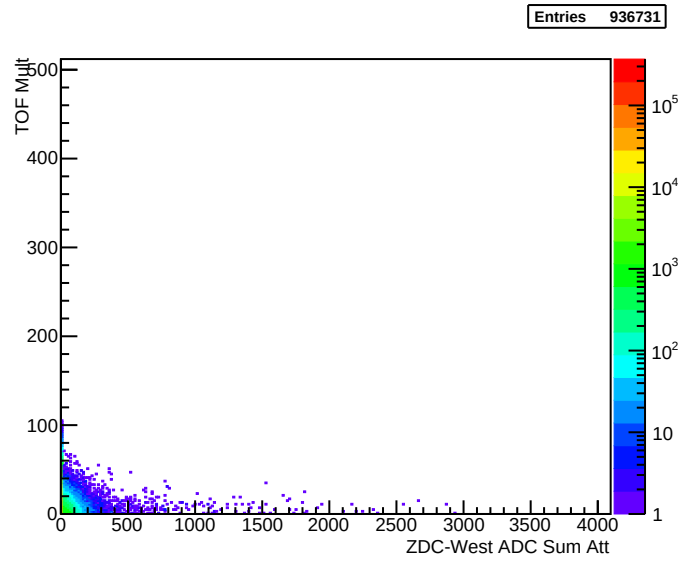

Entries 936731
TOF Mult
BBC-S-East ADC Sum

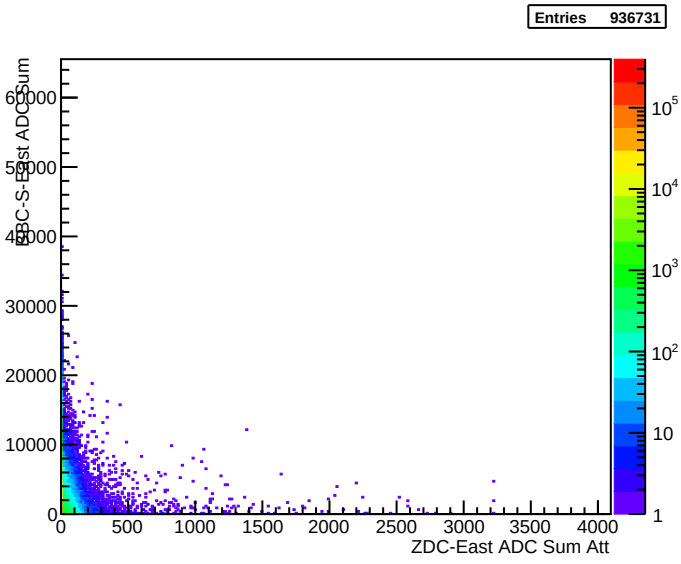

Entries 936731
TOF Mult
BBC-S-West ADC Sum

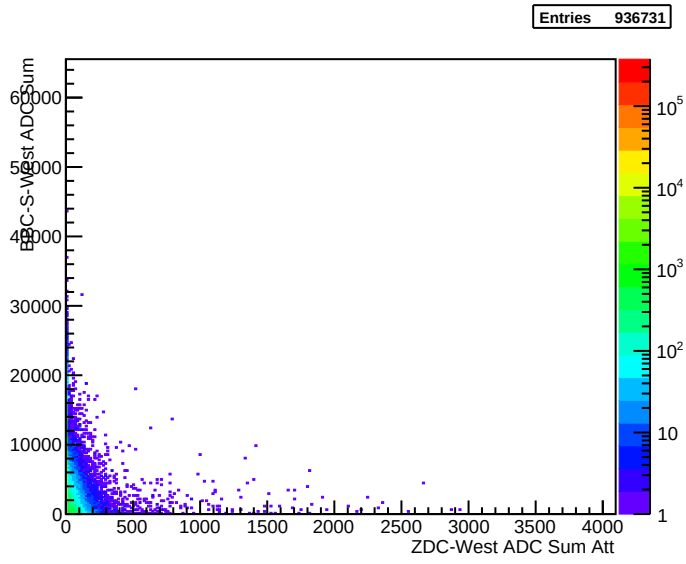

Entries 936731
TOF Mult
VPD-East ADC Sum

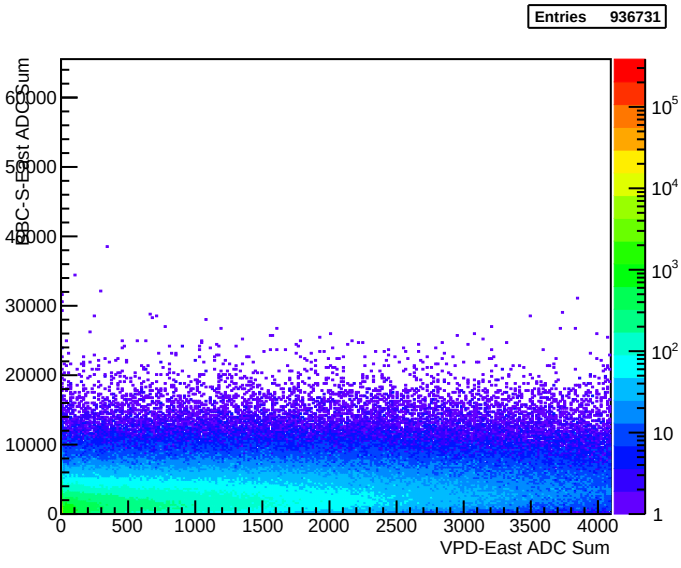

Entries 936731
TOF Mult
VPD-West ADC Sum

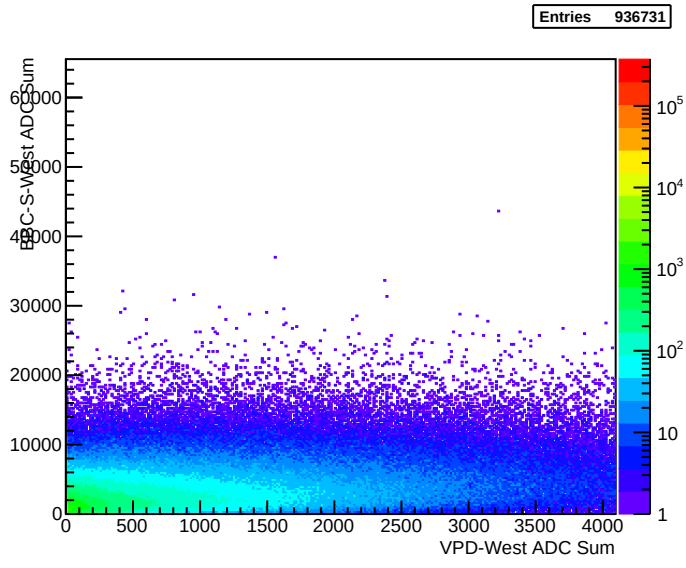

Entries 936731
TOF Mult
ZDC-East ADC Sum Att

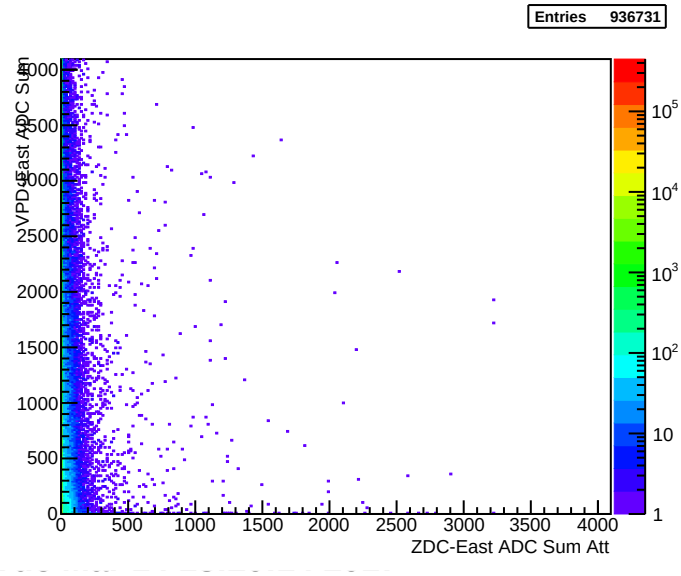

Entries 936731
TOF Mult
ZDC-West ADC Sum Att

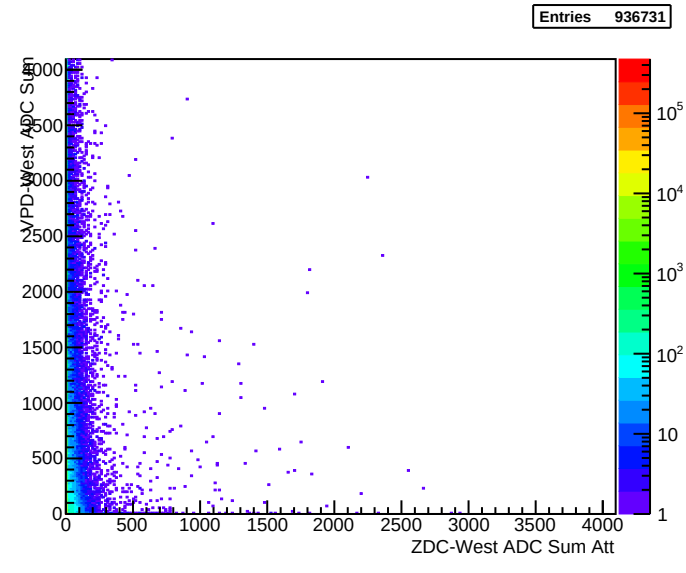

Entries 936731
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

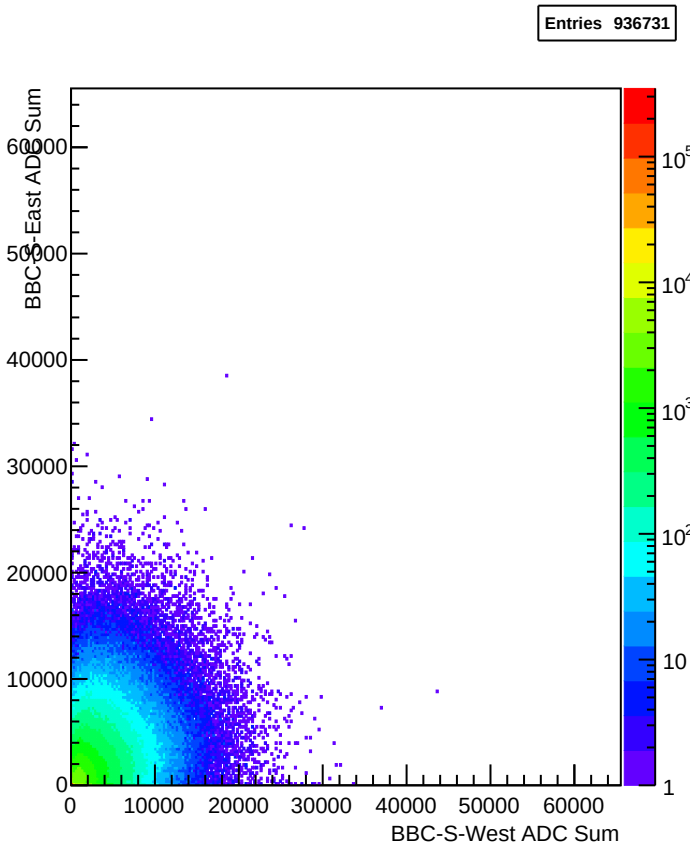

Entries 936731
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

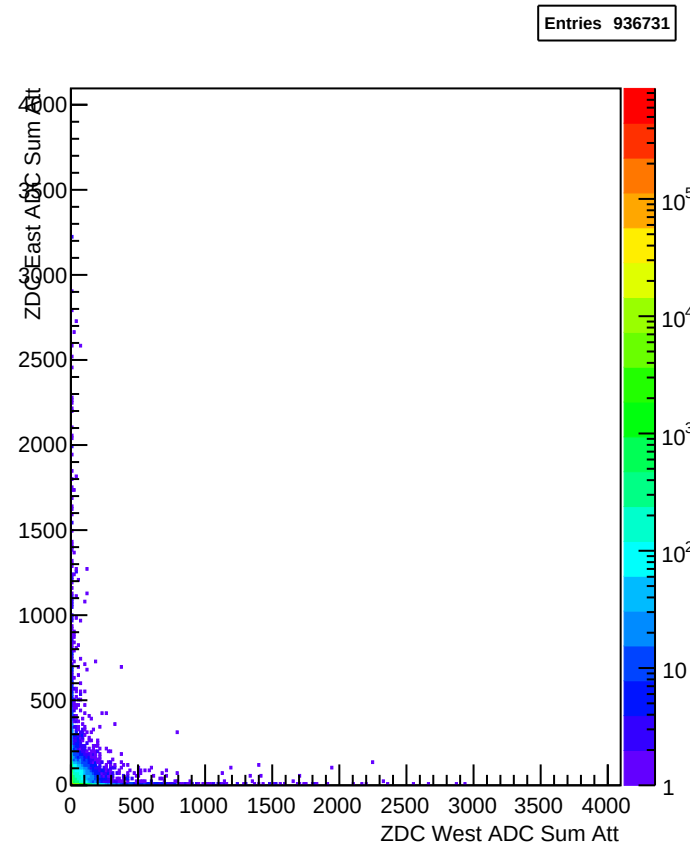

Entries 936731
BBC-S-East ADC Sum
VPD-East ADC Sum

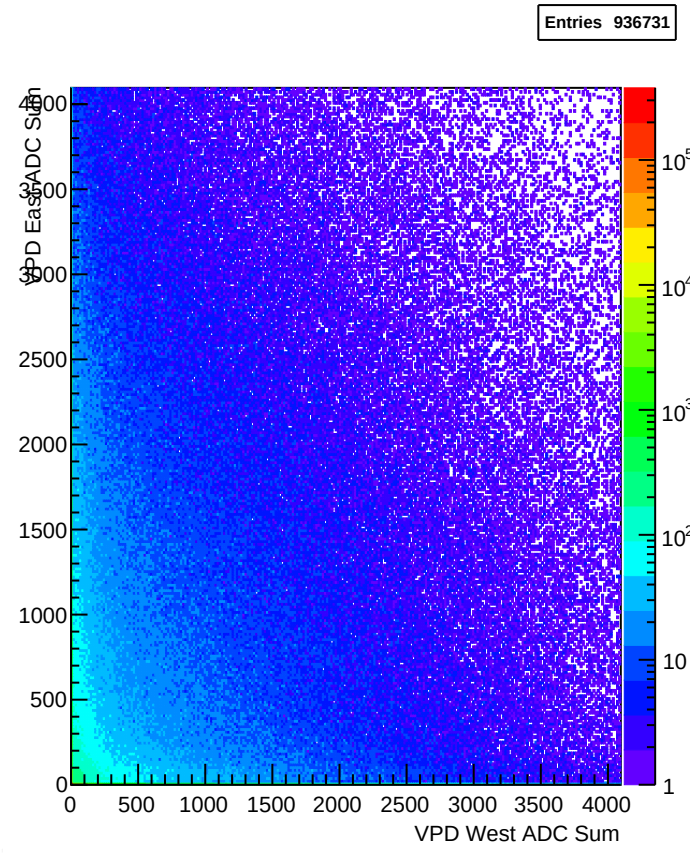

Entries 936731
BBC-S-West ADC Sum
VPD-West ADC Sum

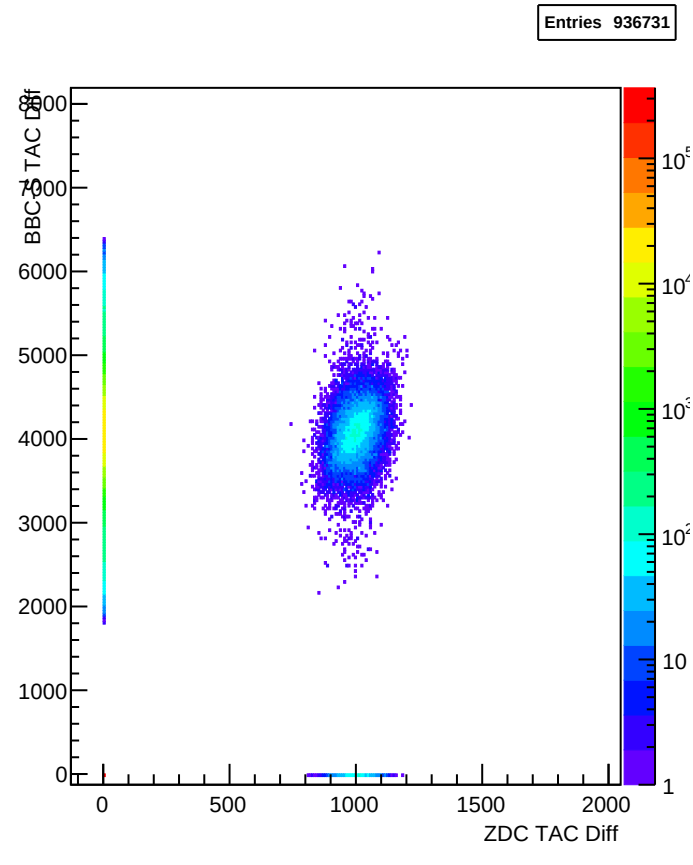

Entries 936731
VPD-East ADC Sum
ZDC-East ADC Sum Att

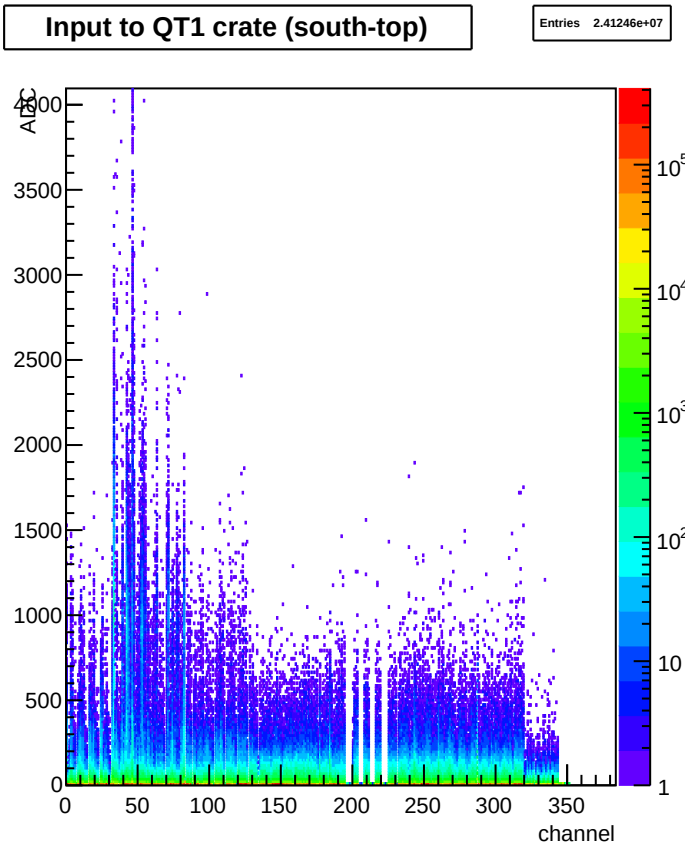

Entries 936731
VPD-West ADC Sum
ZDC-West ADC Sum Att

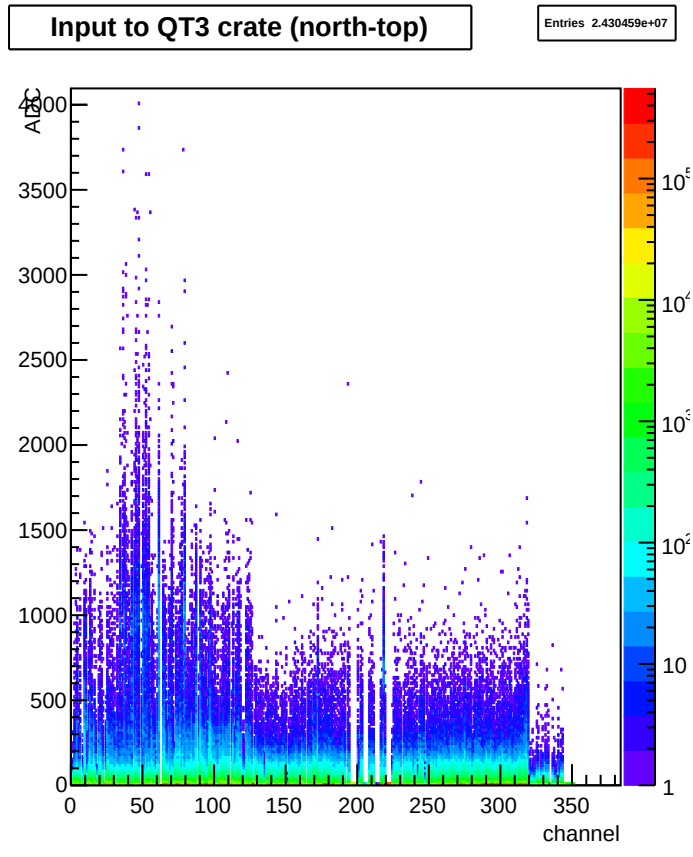

Entries 936731
BBC-S-East ADC Sum
BBC-S-West ADC Sum

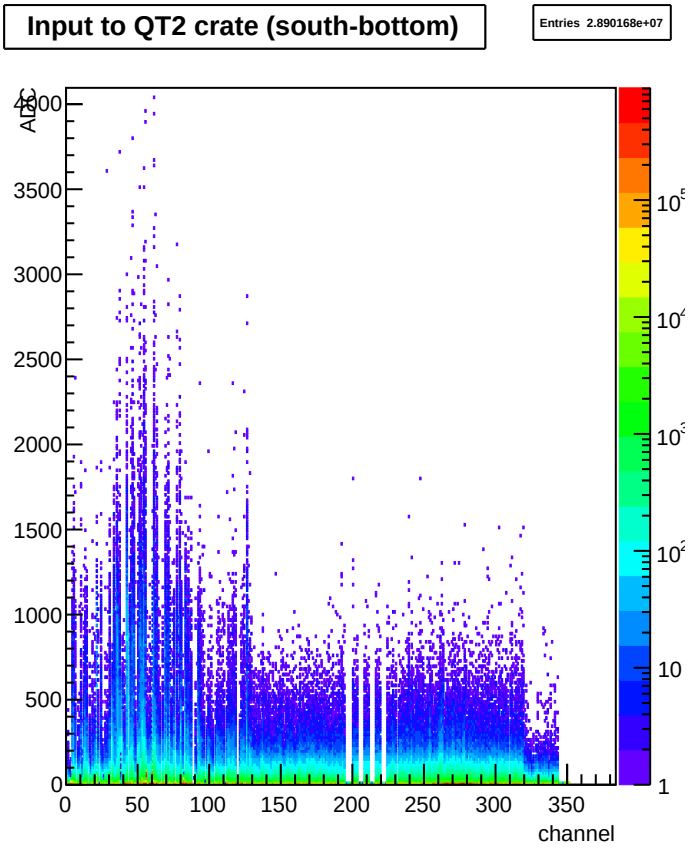

Entries 936731
ZDC East ADC Sum Att
ZDC West ADC Sum Att

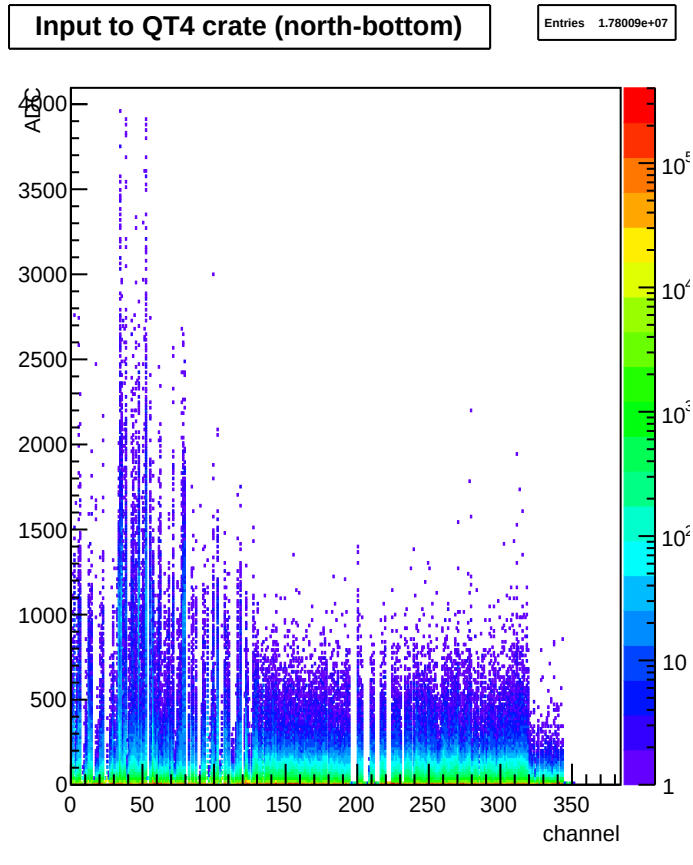

Entries 936731
VPD East ADC Sum
VPD West ADC Sum

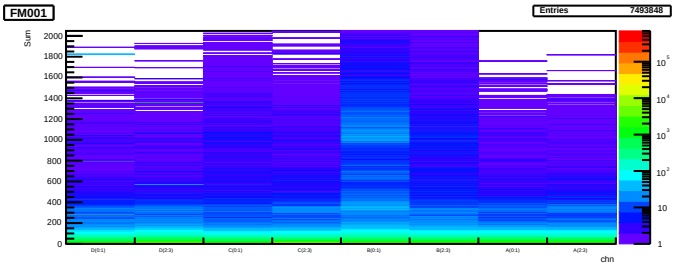

Entries 936731
BBC-S TAC Diff
ZDC TAC Diff

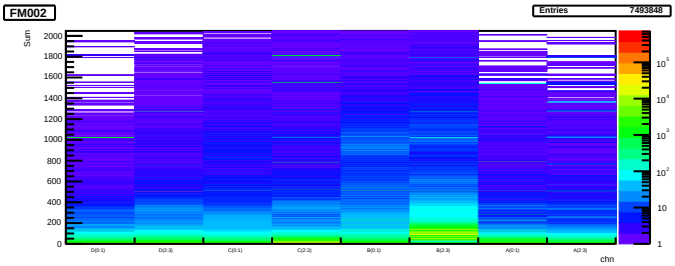

Input to QT1 crate (south-top)
Entries 2.41246e+07
ADC
channel

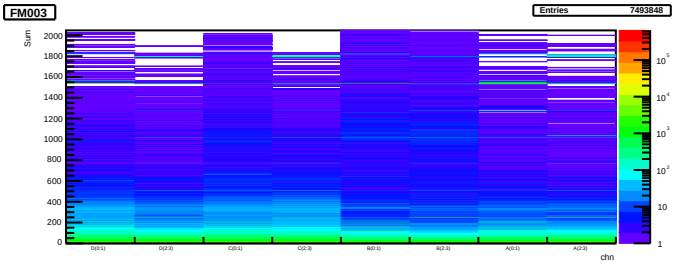

Input to QT3 crate (north-top)
Entries 2.430459e+07
ADC
channel

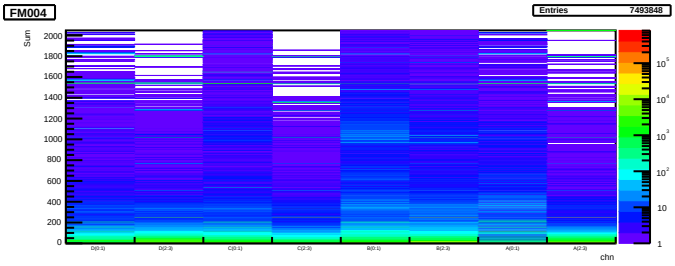

Input to QT2 crate (south-bottom)
Entries 2.890168e+07
ADC
channel

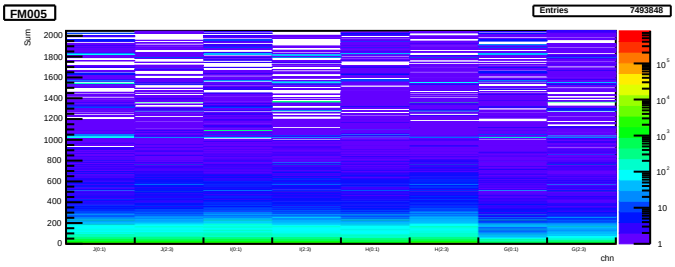

Input to QT4 crate (north-bottom)
Entries 1.78009e+07
ADC
channel

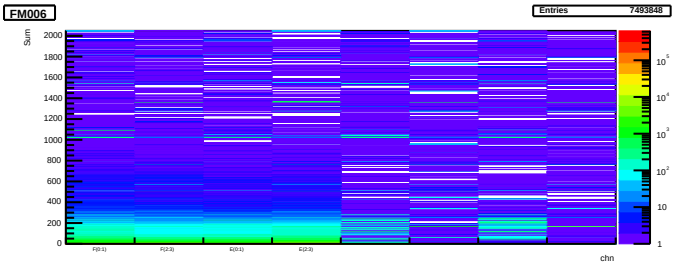

FM001
Entries 7493848
Sum
chn

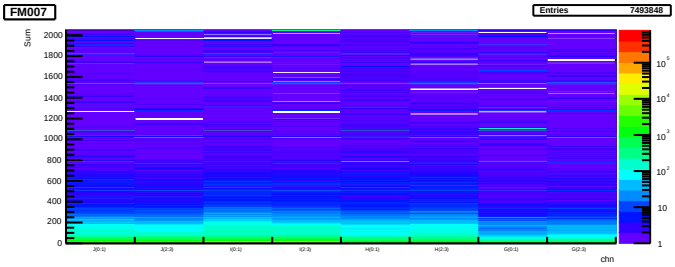

FM002
Entries 7493848
Sum
chn

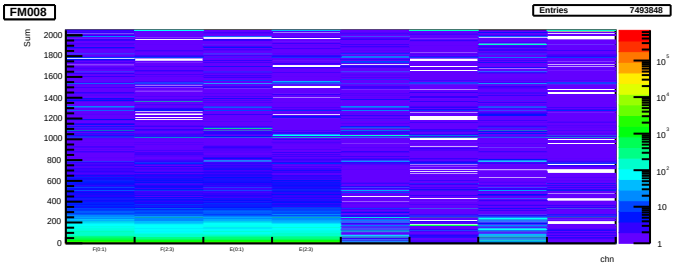

FM003
Entries 7493848
Sum
chn


FM004
Entries 7493848
Sum
chn


FM005
Entries 7493848
Sum
chn


FM006
Entries 7493848
Sum
chn


FM007
Entries 7493848
Sum
chn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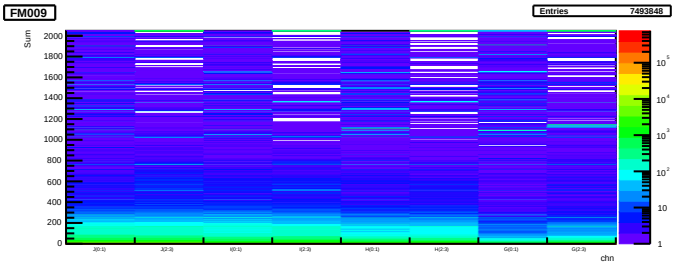
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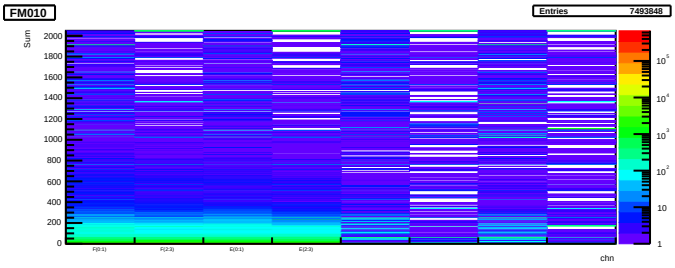
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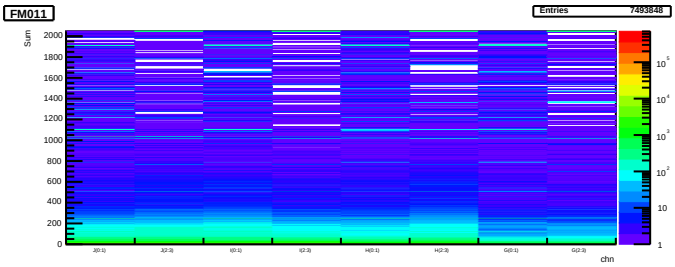
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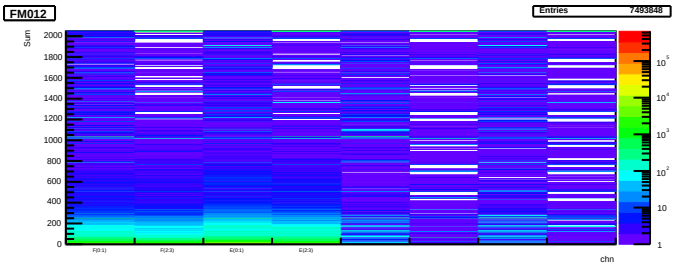
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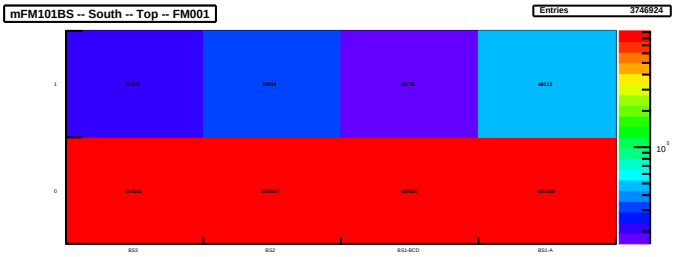
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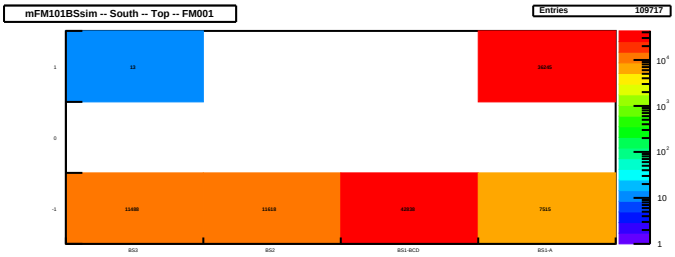
Entries 3746924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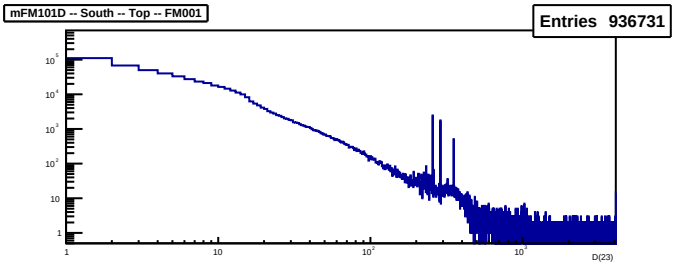
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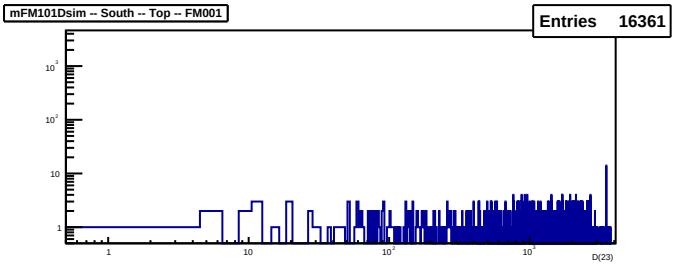
D(23)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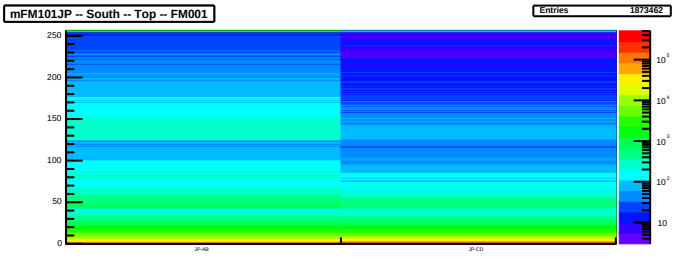
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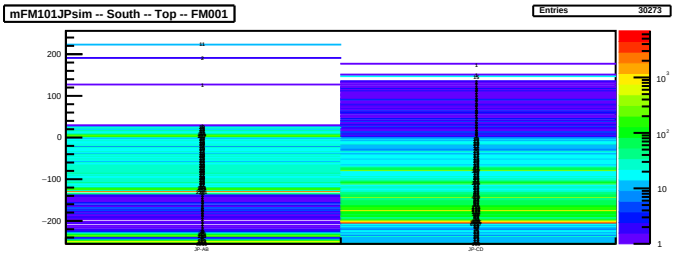
Entries 1873462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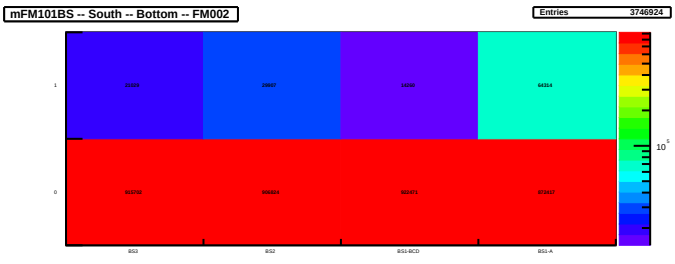
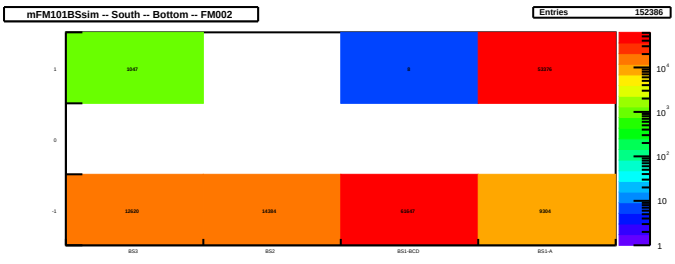

mFM101BS -- South -- Bottom -- FM002
Entries 3746924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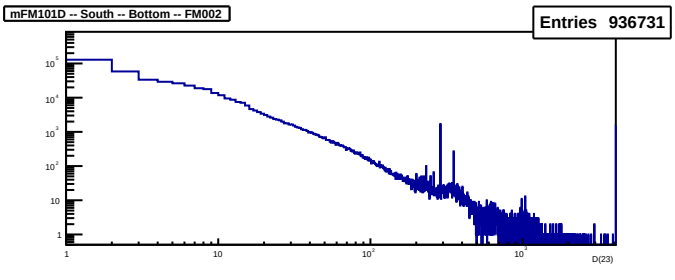
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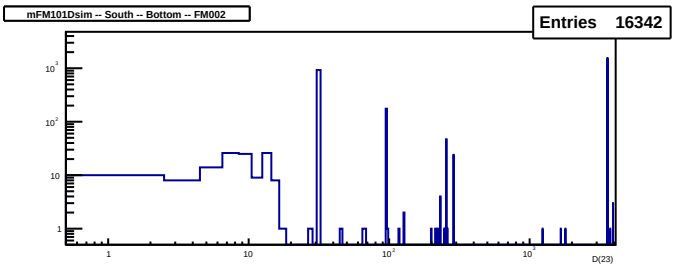
Entries 936731
D(23)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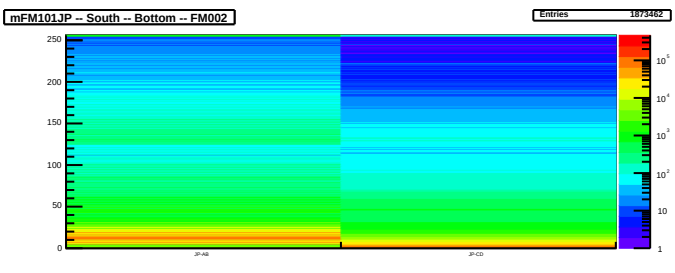
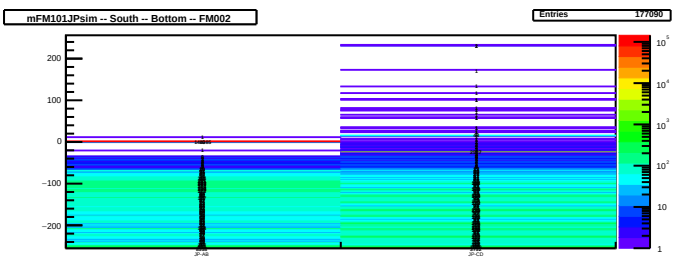
Entries 16342
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 1873462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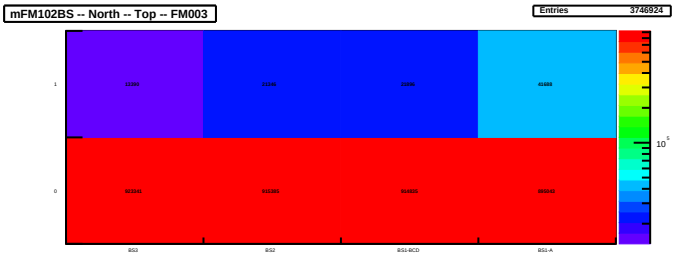
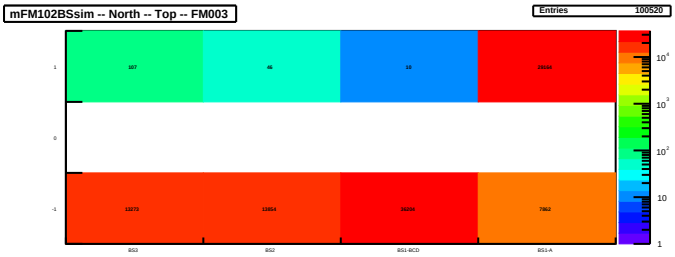

mFM102BS -- North -- Top -- FM003
Entries 3746924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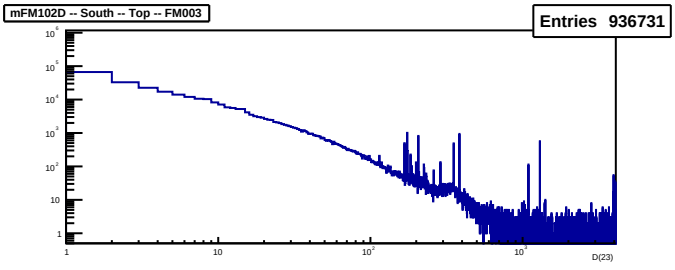
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Entries 936731
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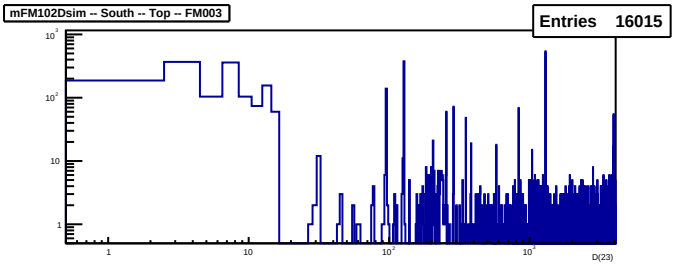
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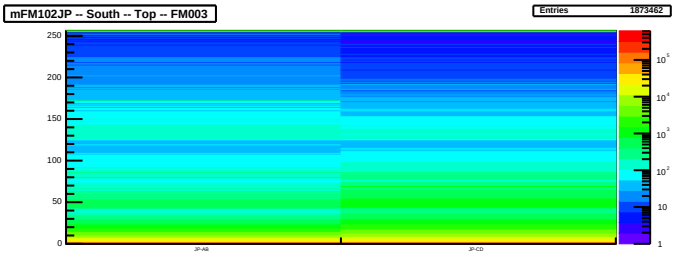
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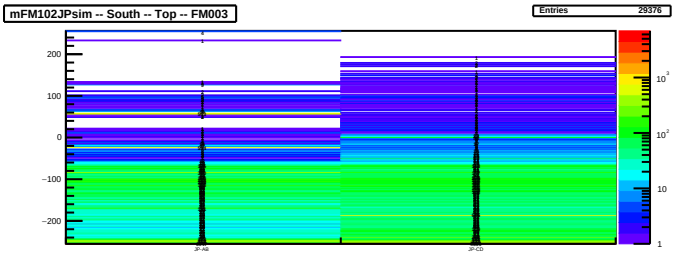
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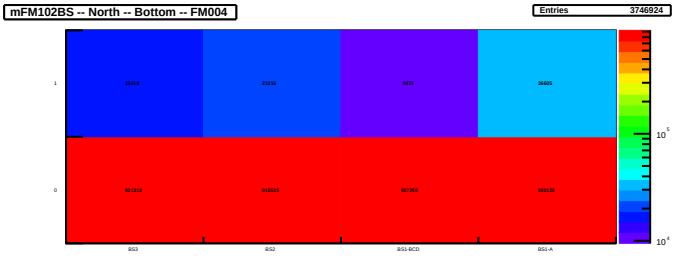
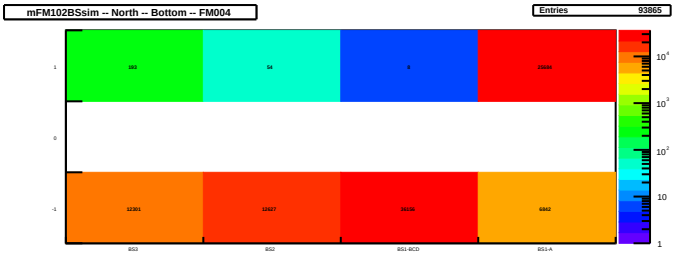

mFM102BS -- North -- Bottom -- FM004
Entries 3746924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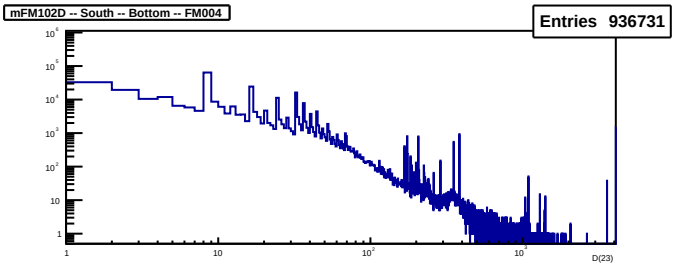
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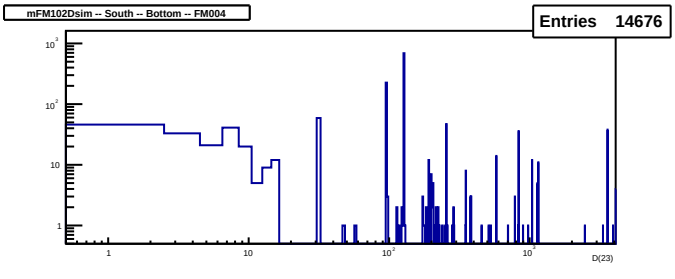
Entries 936731
D(23)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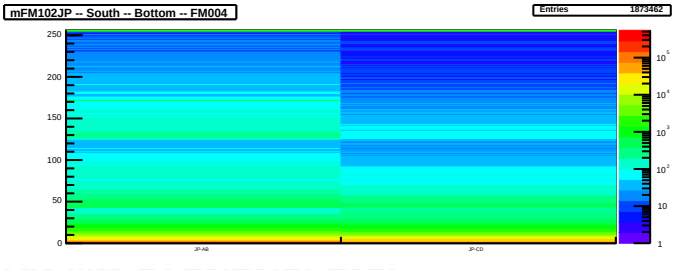
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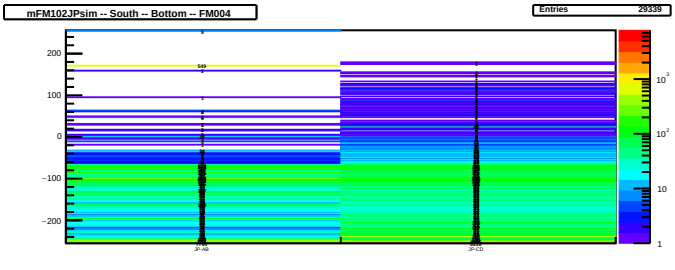
Entries 1873462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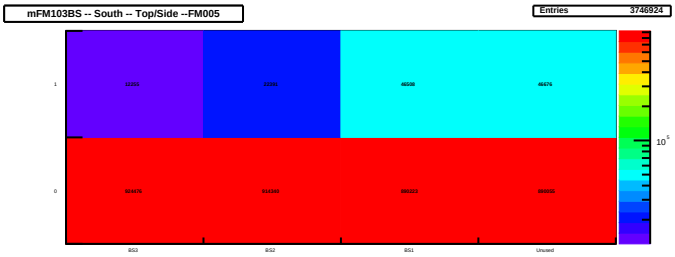
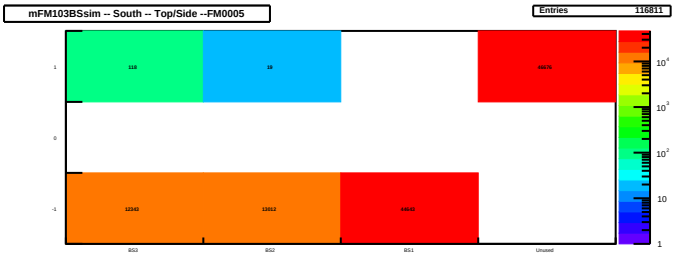

mFM103BS -- South -- Top/Side --FM005
Entries 3746924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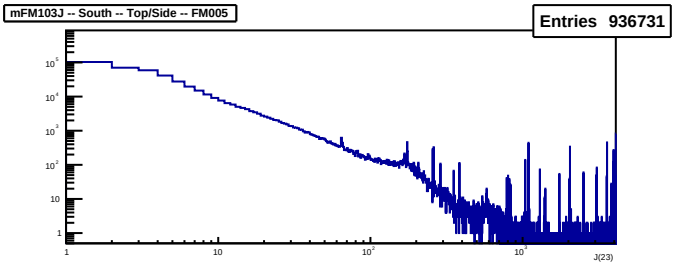
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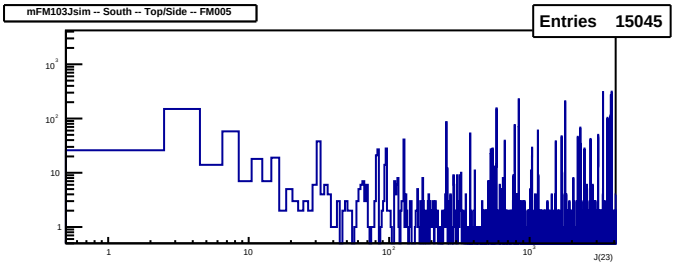
Entries 936731
J(23)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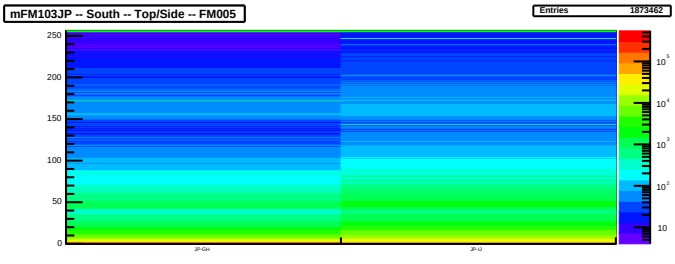
J(23)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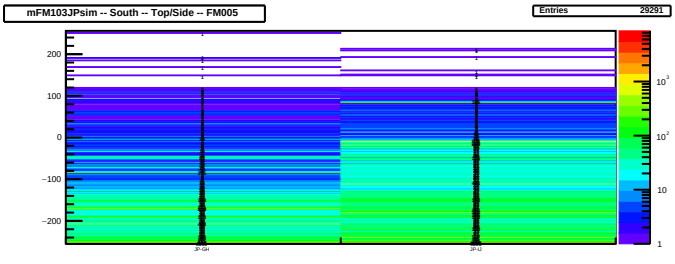
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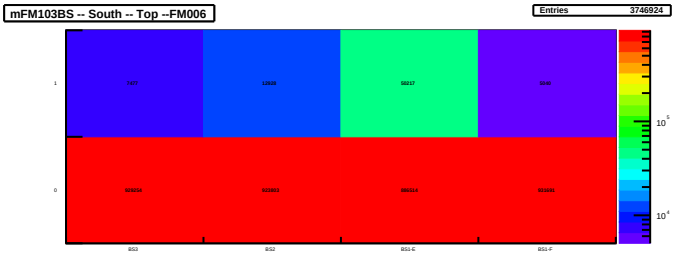
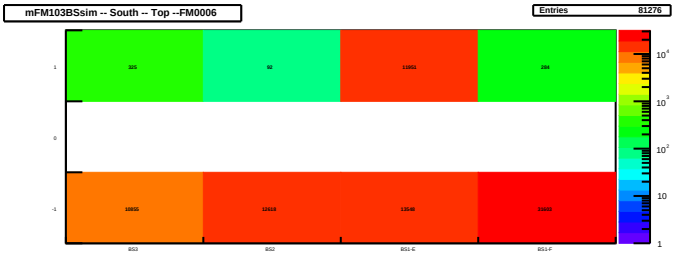

mFM103BS -- South -- Top --FM006
Entries 3746924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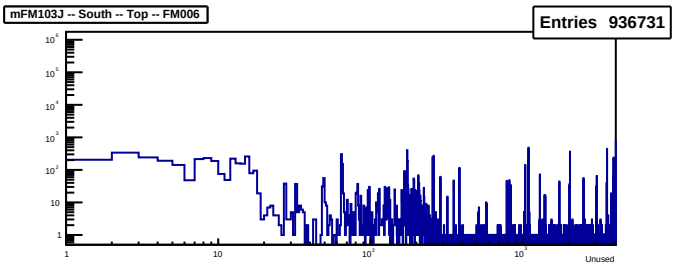
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Entries 936731
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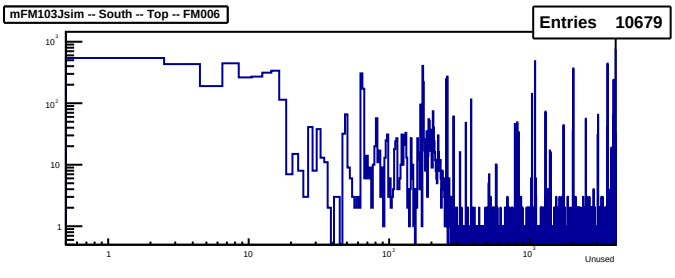
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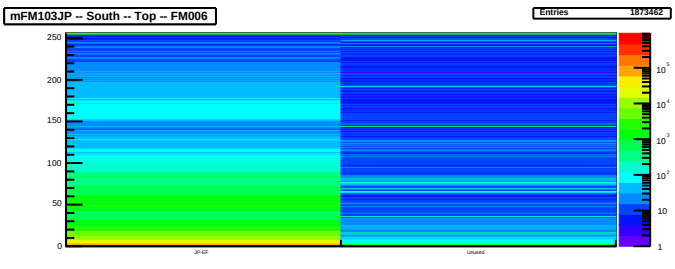
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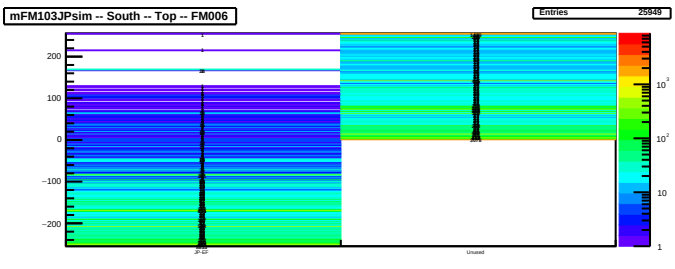
Entries 1873462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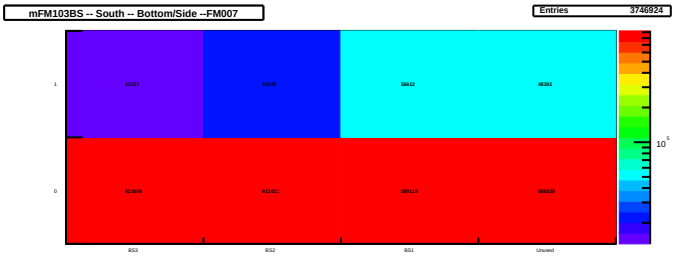
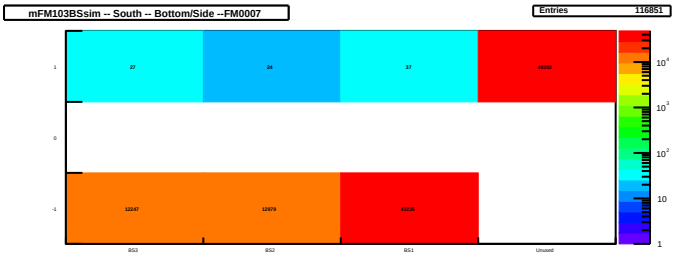

mFM103BS -- South -- Bottom/Side --FM007
Entries 3746924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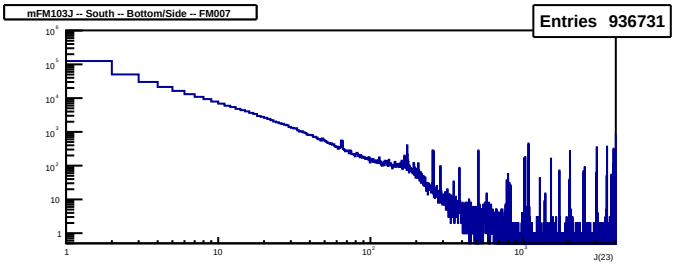
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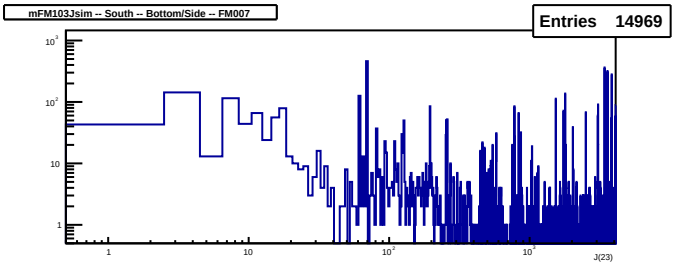
Entries 936731
J(23)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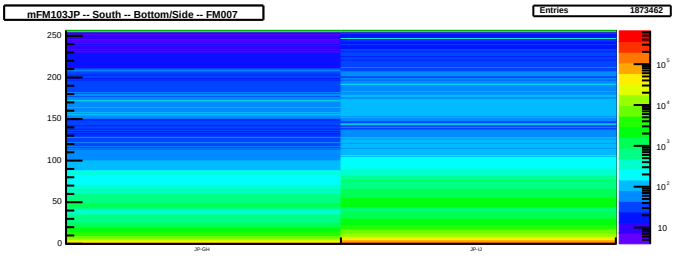
Entries 14969
J(23)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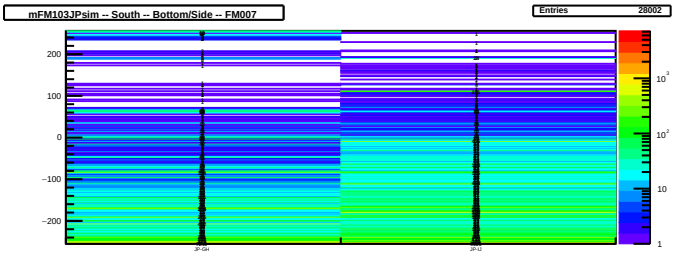
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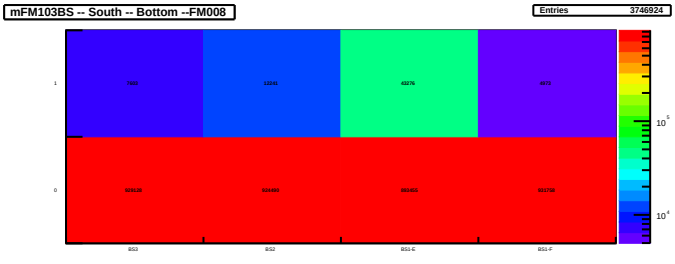
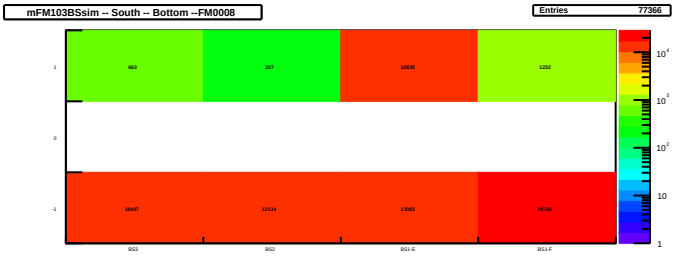

mFM103BS -- South -- Bottom --FM008
Entries 3746924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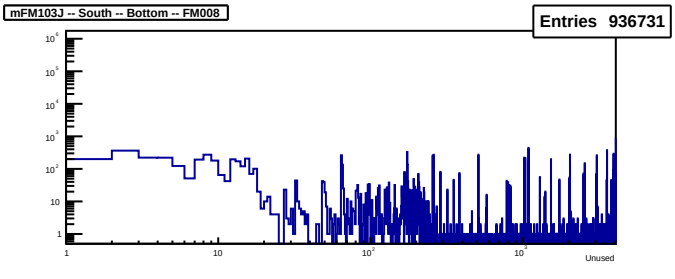
mFM103J -- South -- Bottom -- FM008
Entries 936731
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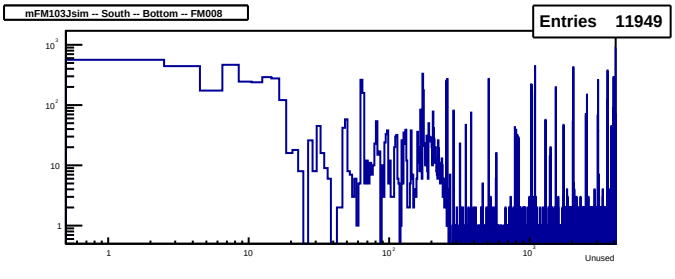
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Entries 11949
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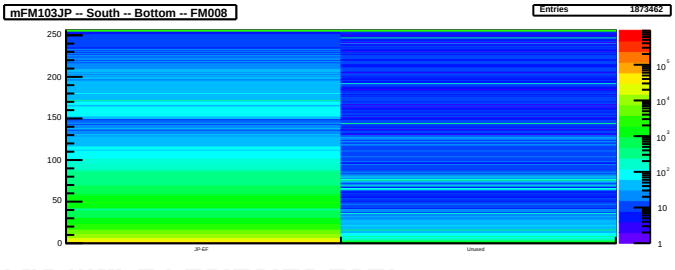
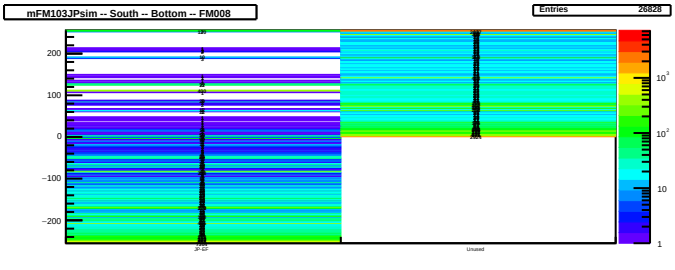

mFM103JP -- South -- Bottom -- FM008
Entries 1873462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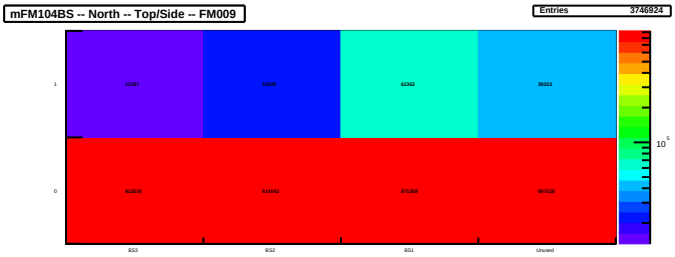
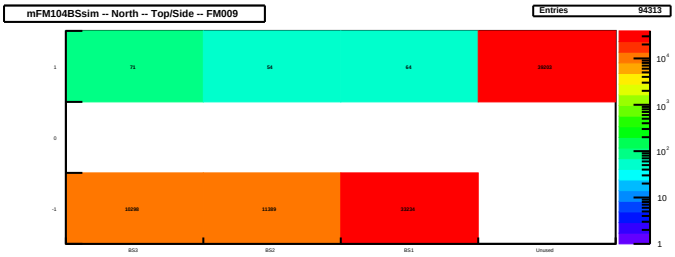
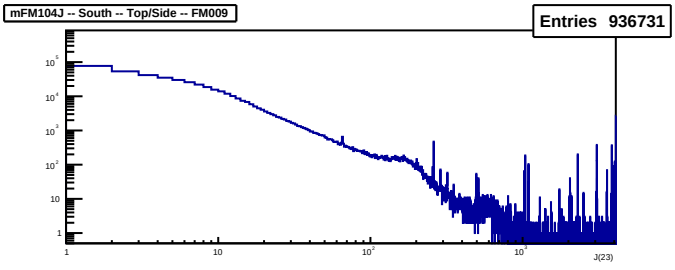
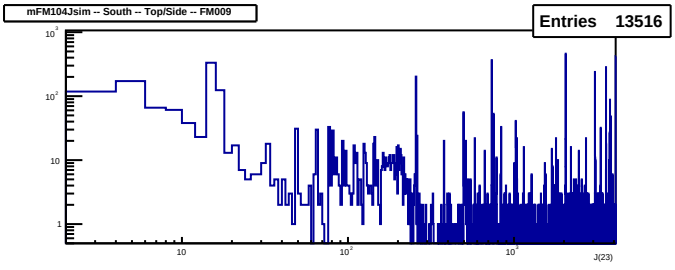
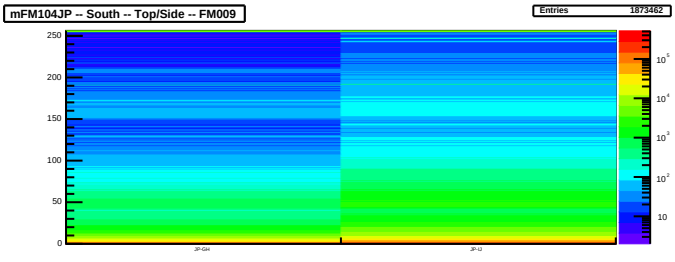
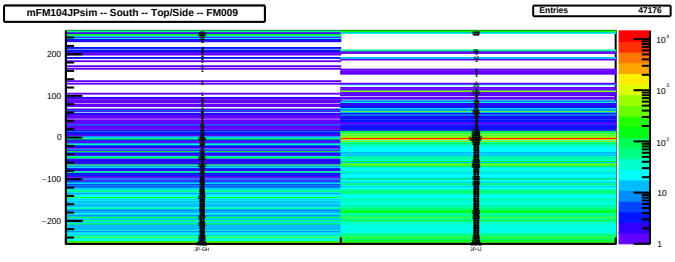

mFM104BS -- North -- Top/Side -- FM009
Entries 3746924

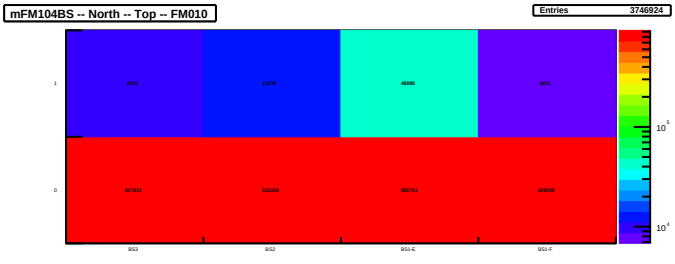

mFM104BSsim -- North -- Top/Side -- FM009
Entries 94313

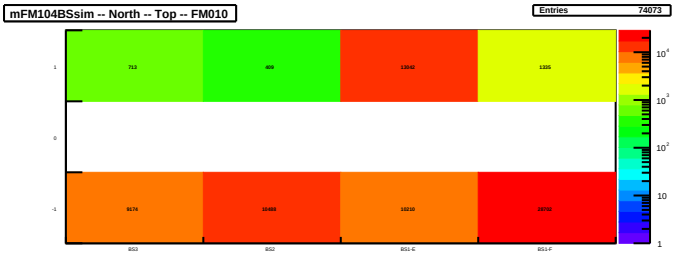

mFM104J -- South -- Top/Side -- FM009
Entries 936731
J(23)

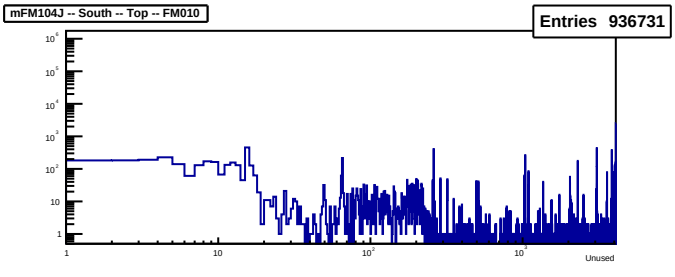

mFM104Jsim -- South -- Top/Side -- FM009
Entries 13516
J(23)

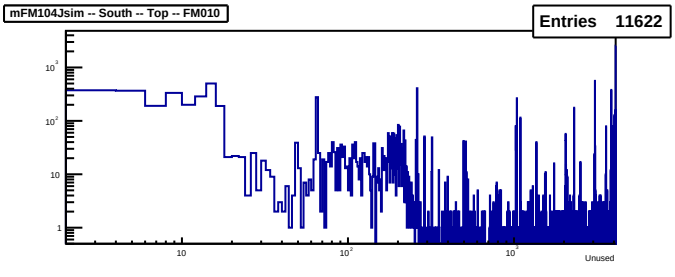

mFM104JP -- South -- Top/Side -- FM009
Entries 1873462


mFM104JPsim -- South -- Top/Side -- FM009
Entries 47176


mFM104BS -- North -- Top -- FM010
Entries 3746924


mFM104BSsim -- North -- Top -- FM010
Entries 74073


mFM104J -- South -- Top -- FM010
Entries 936731
Unused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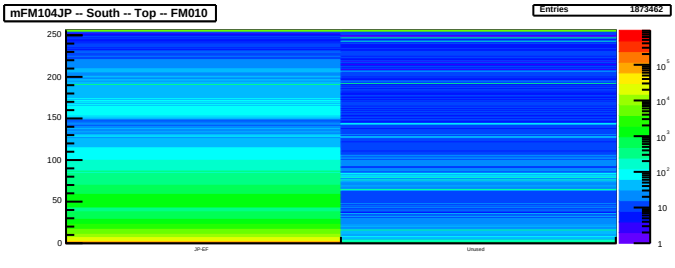
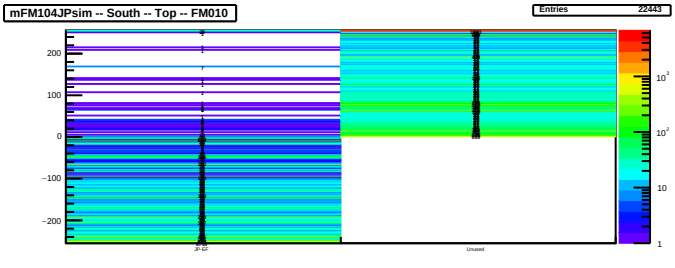
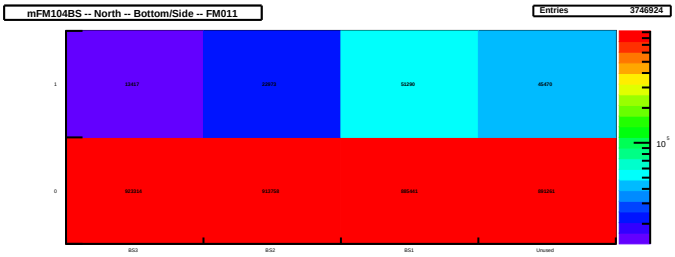
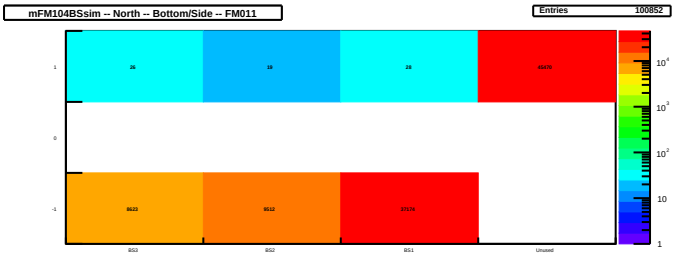
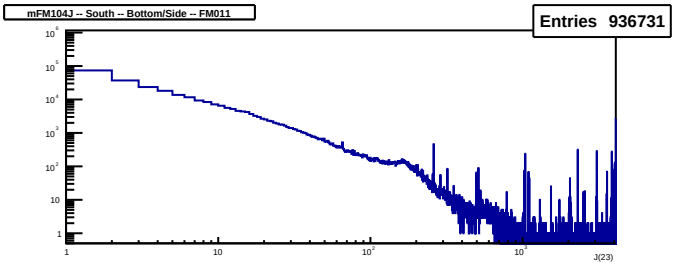
Entries 11622
Unused

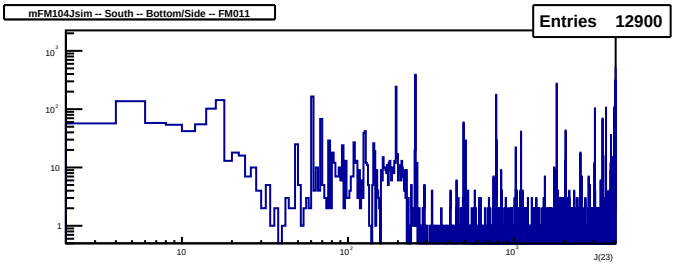

mFM104JP -- South -- Top -- FM010
Entries 1873462

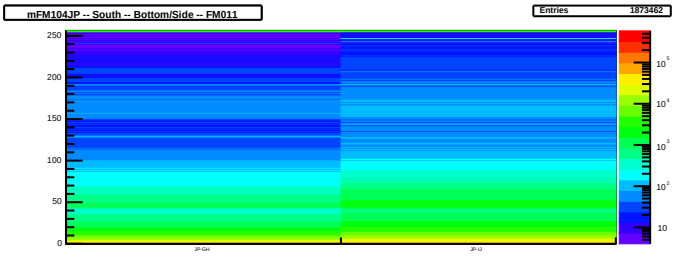

mFM104JPsim -- South -- Top -- FM010
Entries 22443

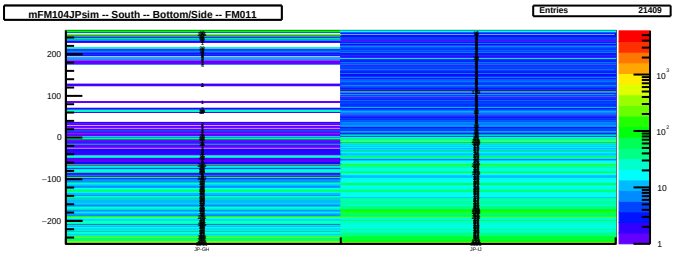

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3746924

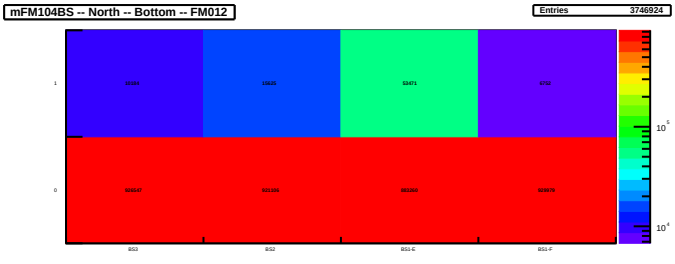

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 100852

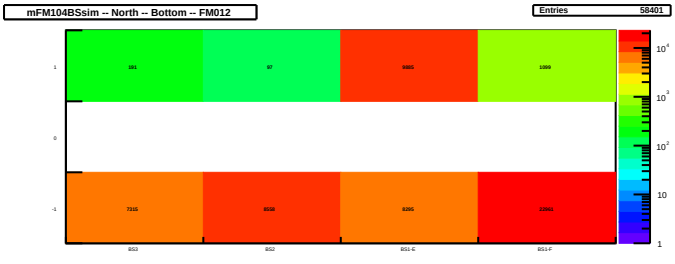

mFM104J -- South -- Bottom/Side -- FM011
Entries 936731
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 12900
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1873462


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 21409


mFM104BS -- North -- Bottom -- FM012
Entries 3746924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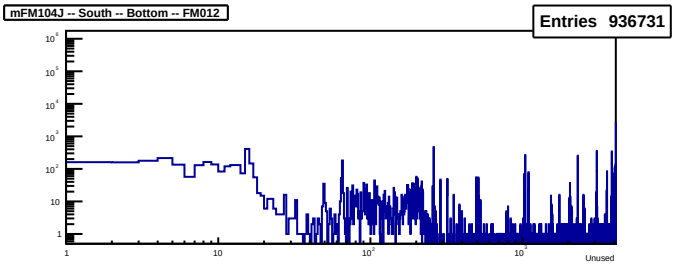
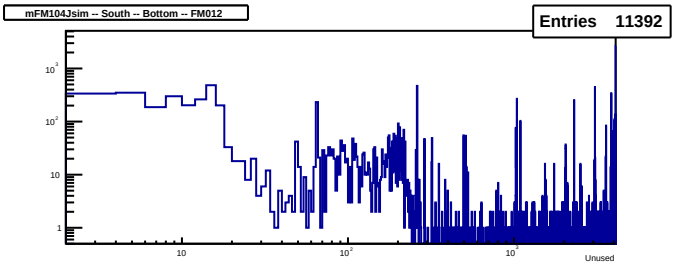
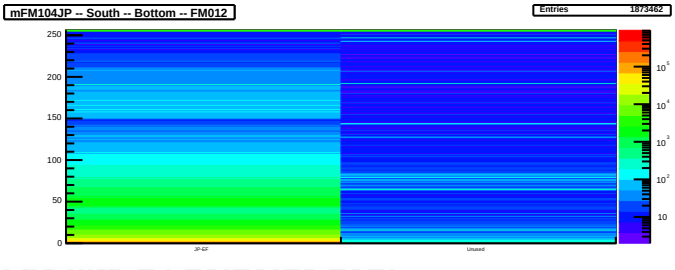
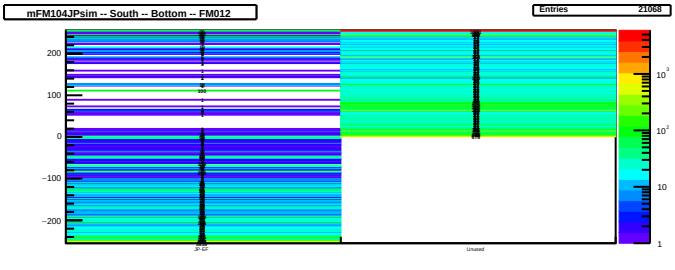
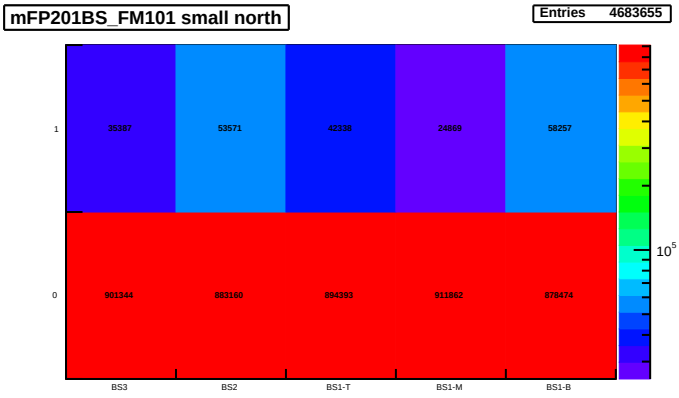
Entries 58401

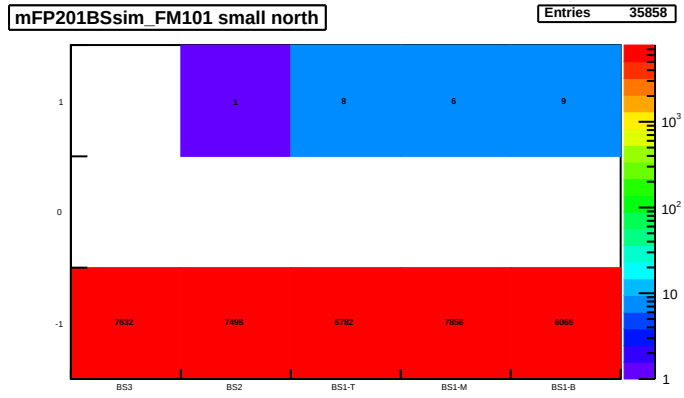

mFM104J -- South -- Bottom -- FM012
Entries 936731
Unused

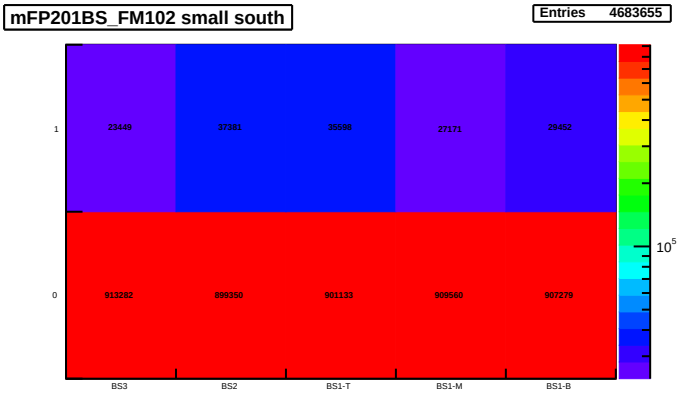

mFM104Jsim -- South -- Bottom -- FM012
Entries 11392
Unused

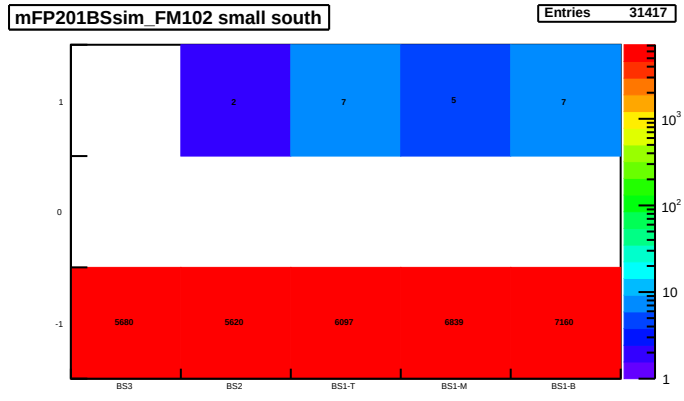

mFM104JP -- South -- Bottom -- FM012
Entries 1873462

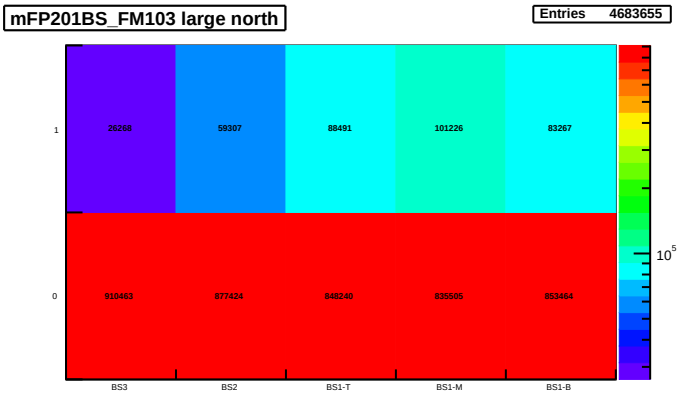

mFM104JPsim -- South -- Bottom -- FM012
Entries 21068

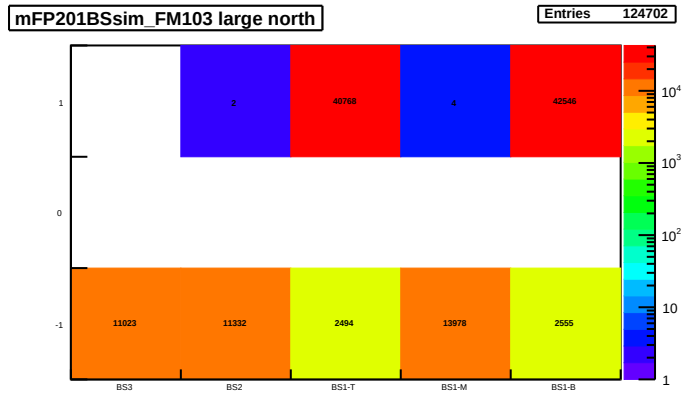

mFP201BS_FM101 small north
Entries 4683655
35387
53571
42338
24869
58257
901344
883160
894393
911862
878474
BS3
BS2
BS1-T
BS1-M
BS1-B

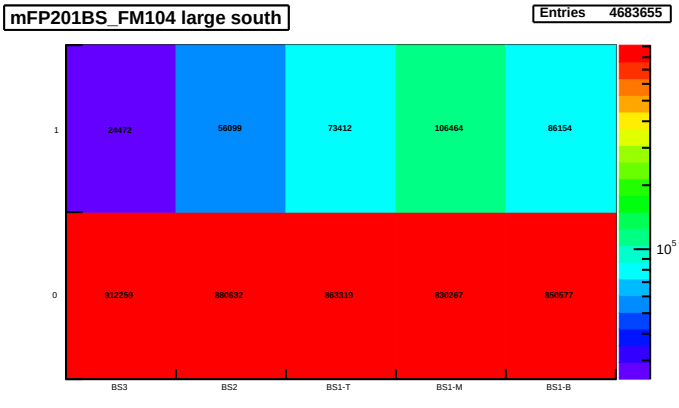

mFP201BSsim_FM101 small north
Entries 35858
1
8
6
9
7632
7498
6782
7856
6066
BS3
BS2
BS1-T
BS1-M
BS1-B

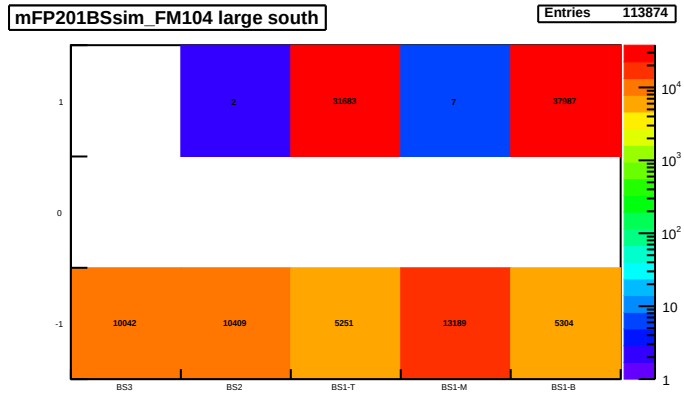

mFP201BS_FM102 small south
Entries 4683655
23449
37381
35598
27171
29452
913282
899350
901133
909560
907279
BS3
BS2
BS1-T
BS1-M
BS1-B

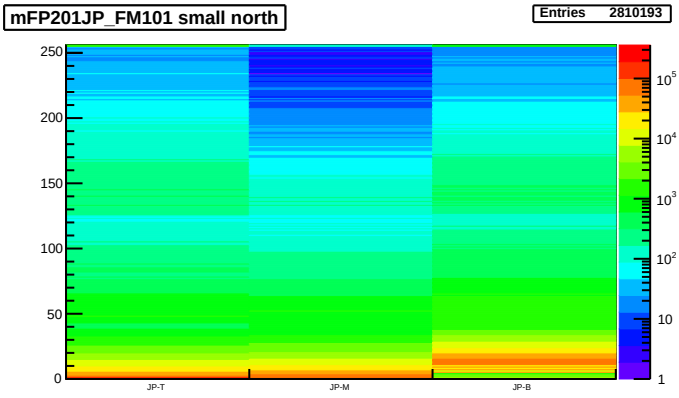

mFP201BSsim_FM102 small south
Entries 31417
2
7
5
7
5680
5620
6097
6839
7160
BS3
BS2
BS1-T
BS1-M
BS1-B

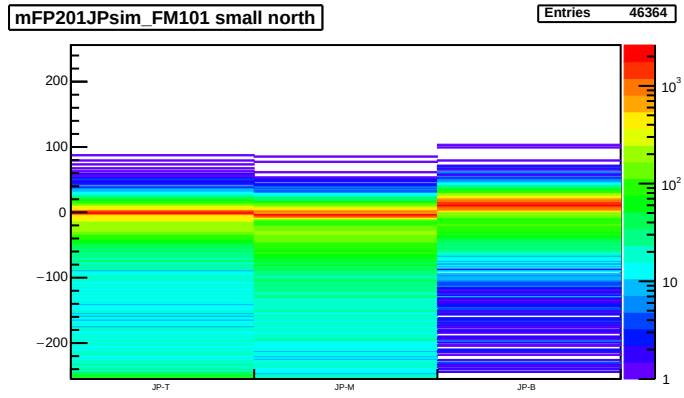

mFP201BS_FM103 large north
Entries 4683655
26268
59307
88491
101226
83267
910463
877424
848240
835505
853464
BS3
BS2
BS1-T
BS1-M
BS1-B

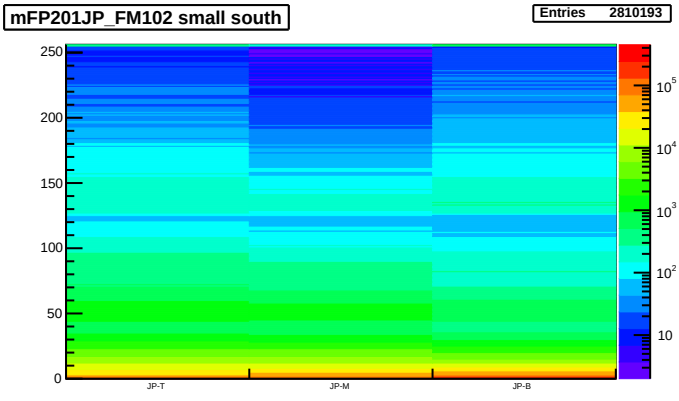

mFP201BSsim_FM103 large north
Entries 124702
2
40768
4
42546
11023
11332
2494
13978
2555
BS3
BS2
BS1-T
BS1-M
BS1-B

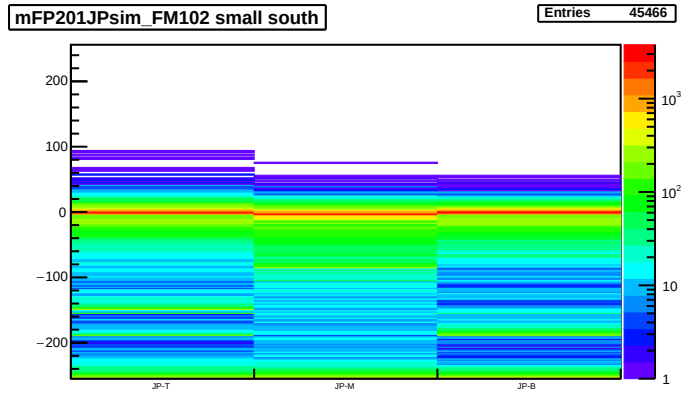

mFP201BS_FM104 large south
Entries 4683655
24472
56099
73412
106464
86154
912259
880632
863319
830267
850577
BS3
BS2
BS1-T
BS1-M
BS1-B

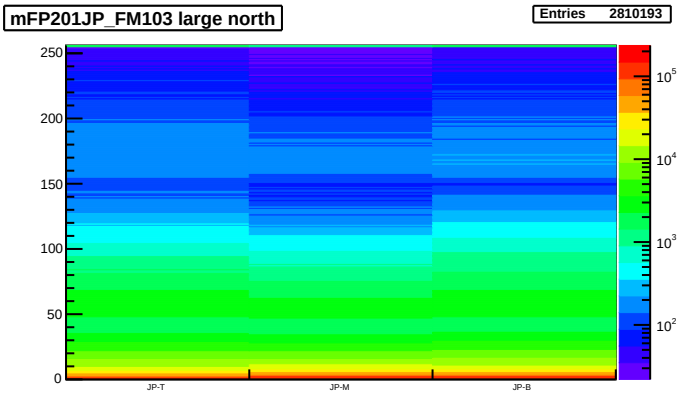

mFP201BSsim_FM104 large south
Entries 113874
2
31683
7
37987
10042
10409
5251
13189
5304
BS3
BS2
BS1-T
BS1-M
BS1-B

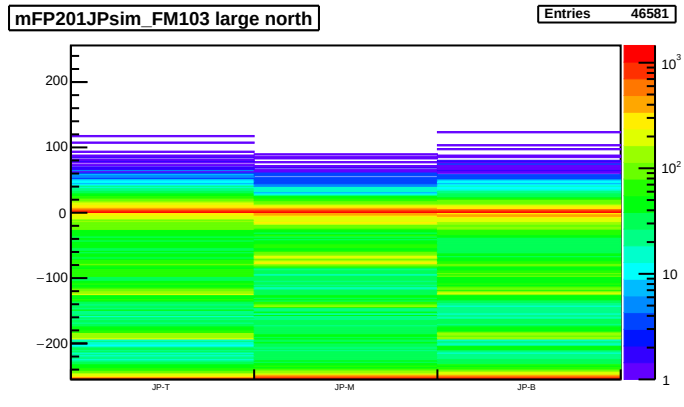

mFP201JP_FM101 small north
Entries 2810193
JP-T
JP-M
JP-B

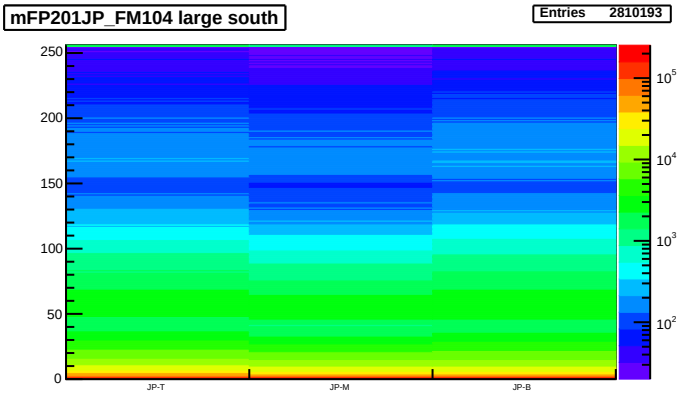

mFP201JPsim_FM101 small north
Entries 46364
JP-T
JP-M
JP-B

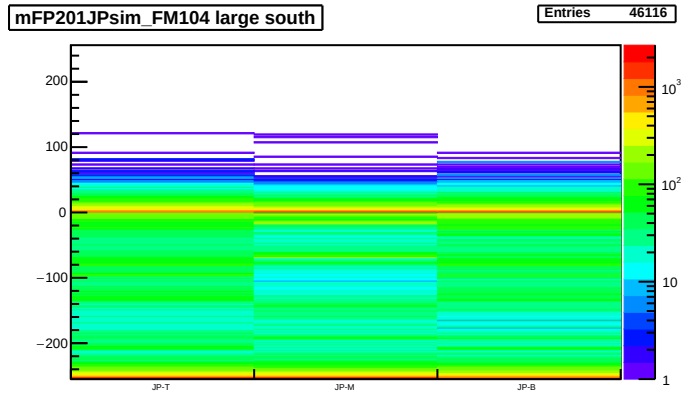

mFP201JP_FM102 small south
Entries 2810193
JP-T
JP-M
JP-B

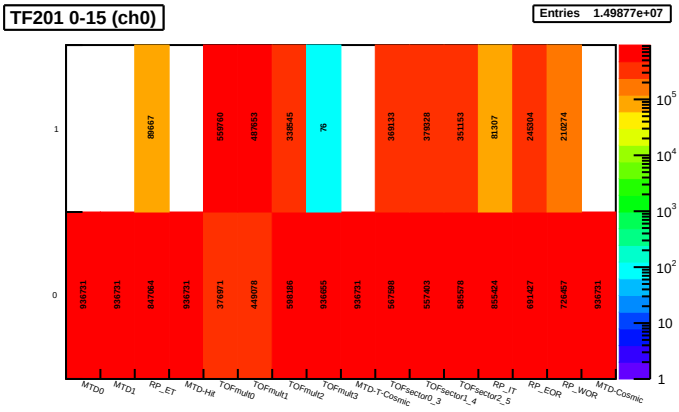

mFP201JPsim_FM102 small south
Entries 45466
JP-T
JP-M
JP-B

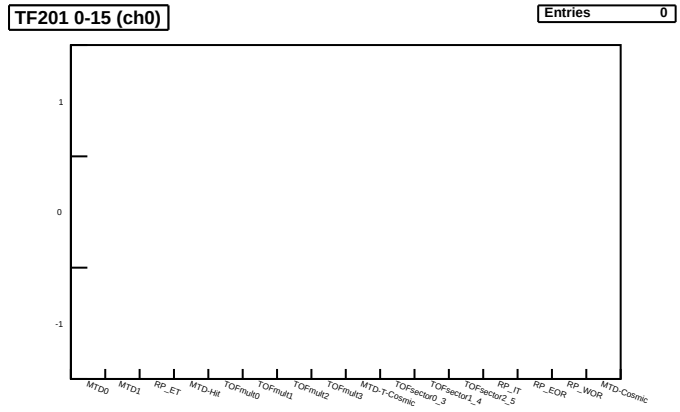

mFP201JP_FM103 large north
Entries 2810193
JP-T
JP-M
JP-B

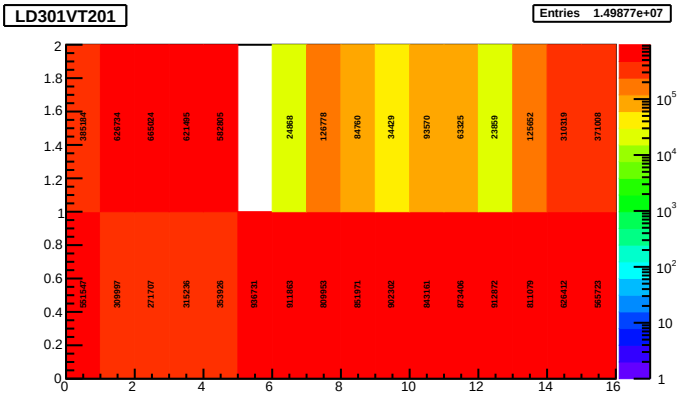

mFP201JPsim_FM103 large north
Entries 46581
JP-T
JP-M
JP-B

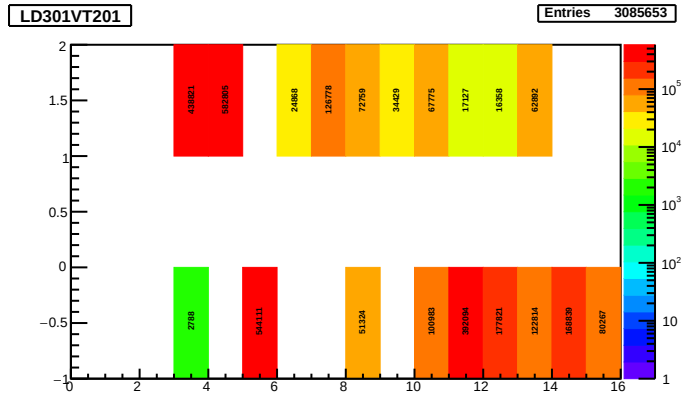

mFP201JP_FM104 large south
Entries 2810193
JP-T
JP-M
JP-B

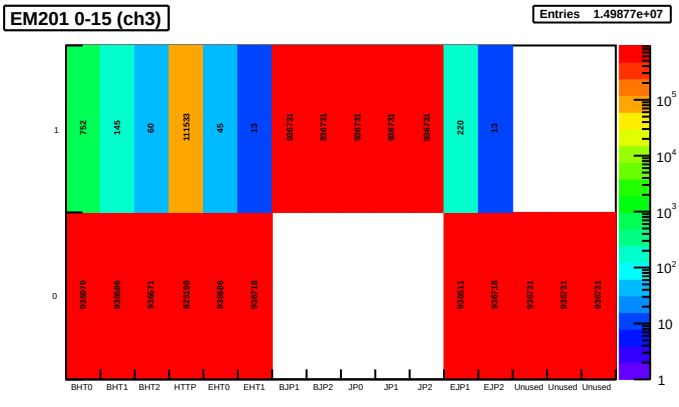

mFP201JPsim_FM104 large south
Entries 46116
JP-T
JP-M
JP-B

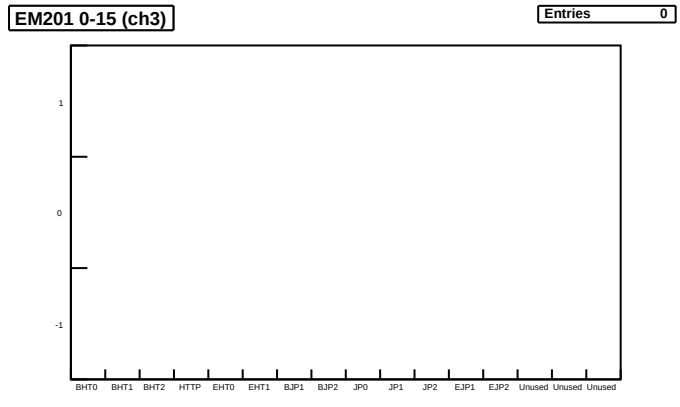

TF201 0-15 (ch0)
Entries 1.49877e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

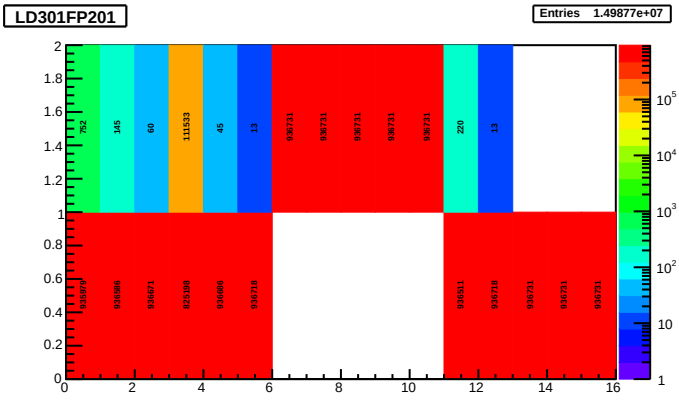

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

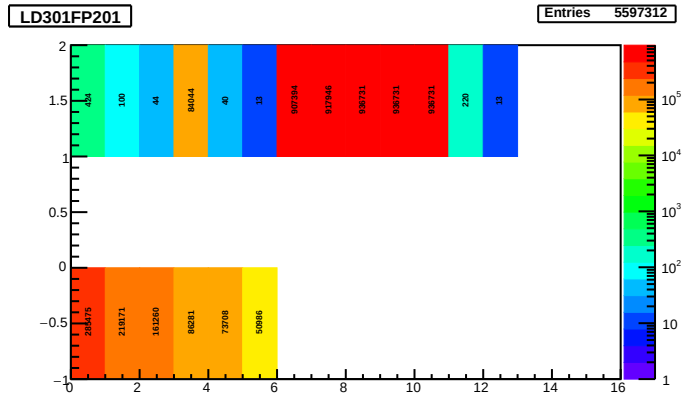

LD301VT201
Entries 1.49877e+07


LD301VT201
Entries 3085653


EM201 0-15 (ch3)
Entries 1.49877e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


LD301FP201
Entries 1.49877e+07


LD301FP201
Entries 5597312