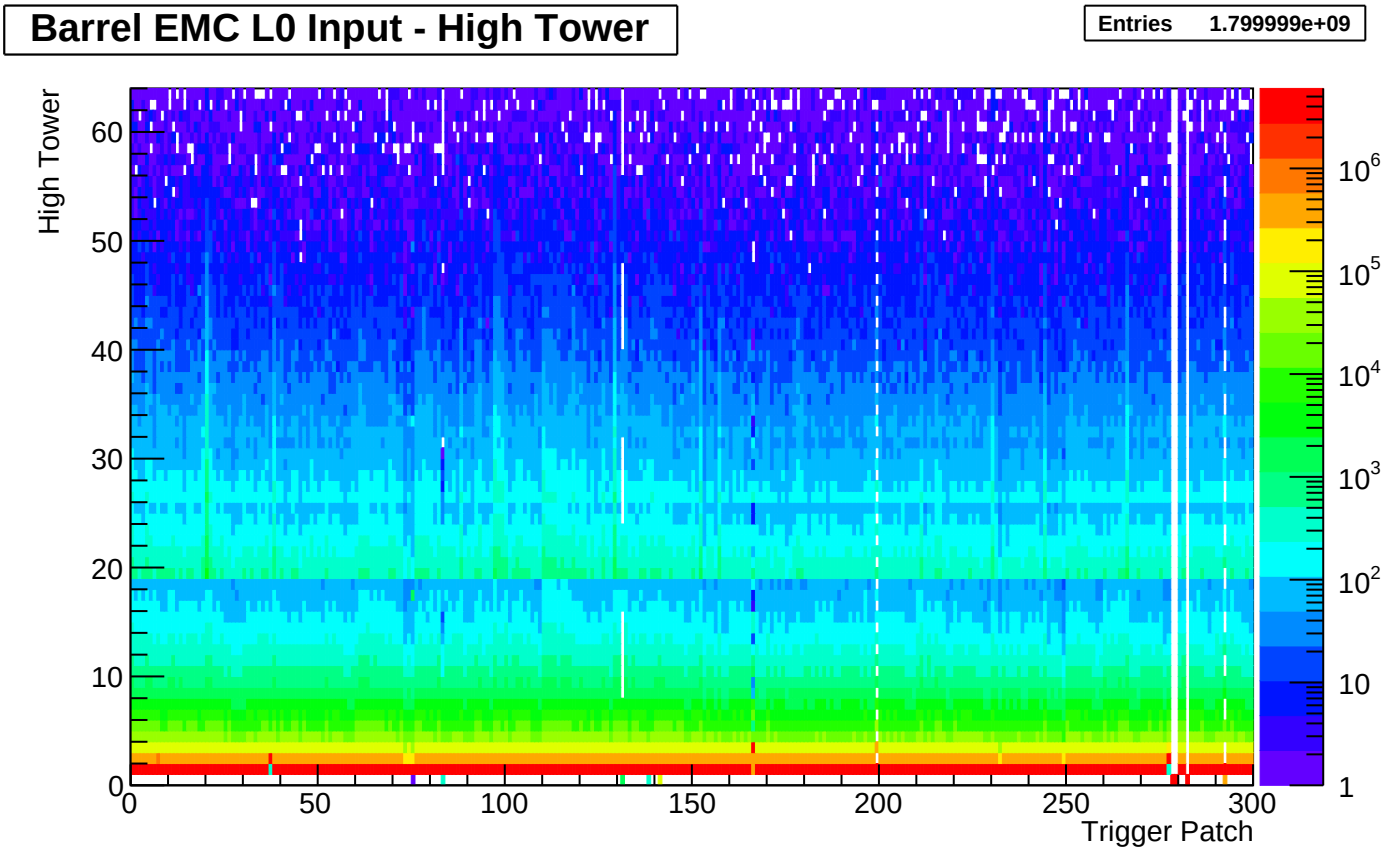
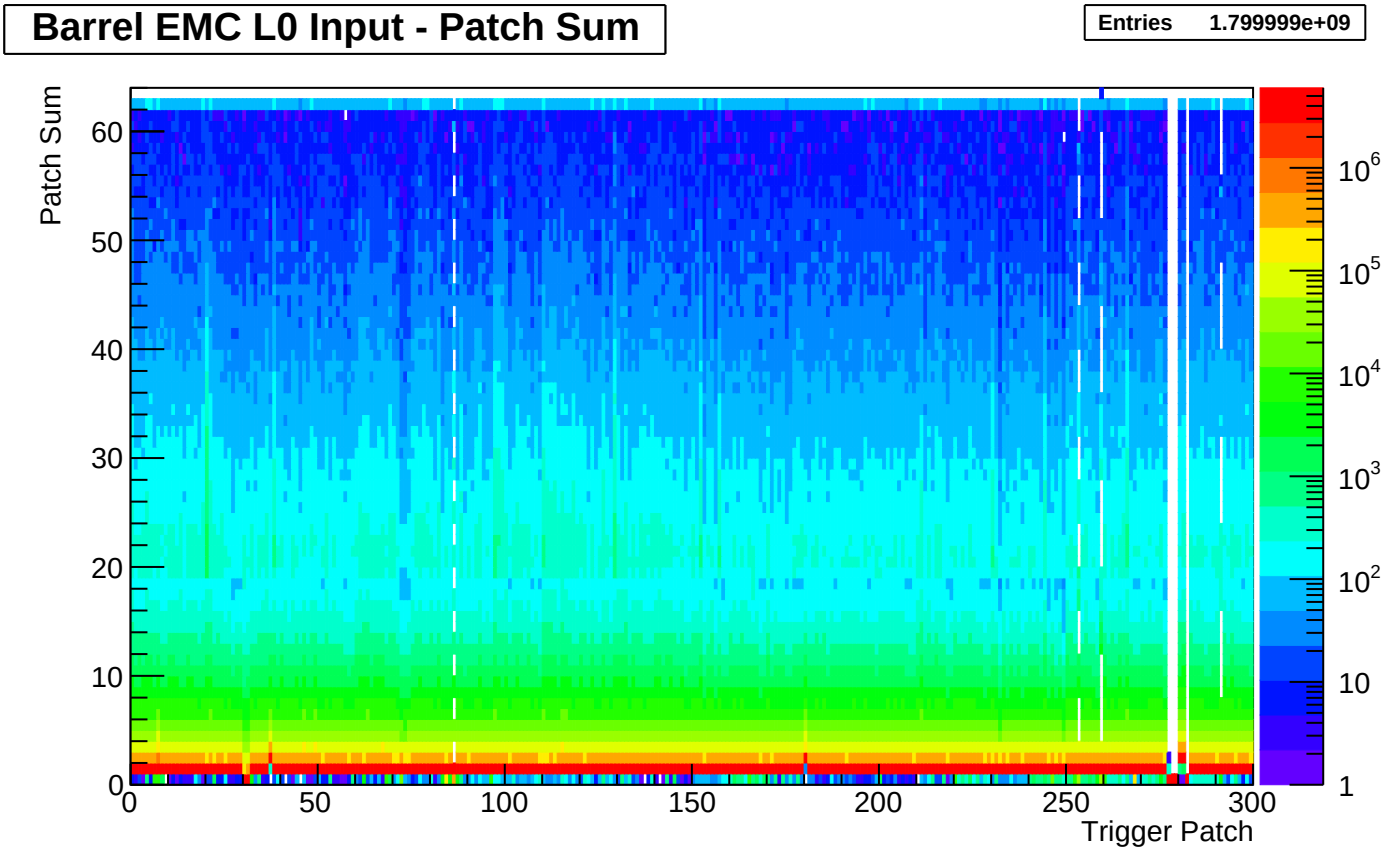
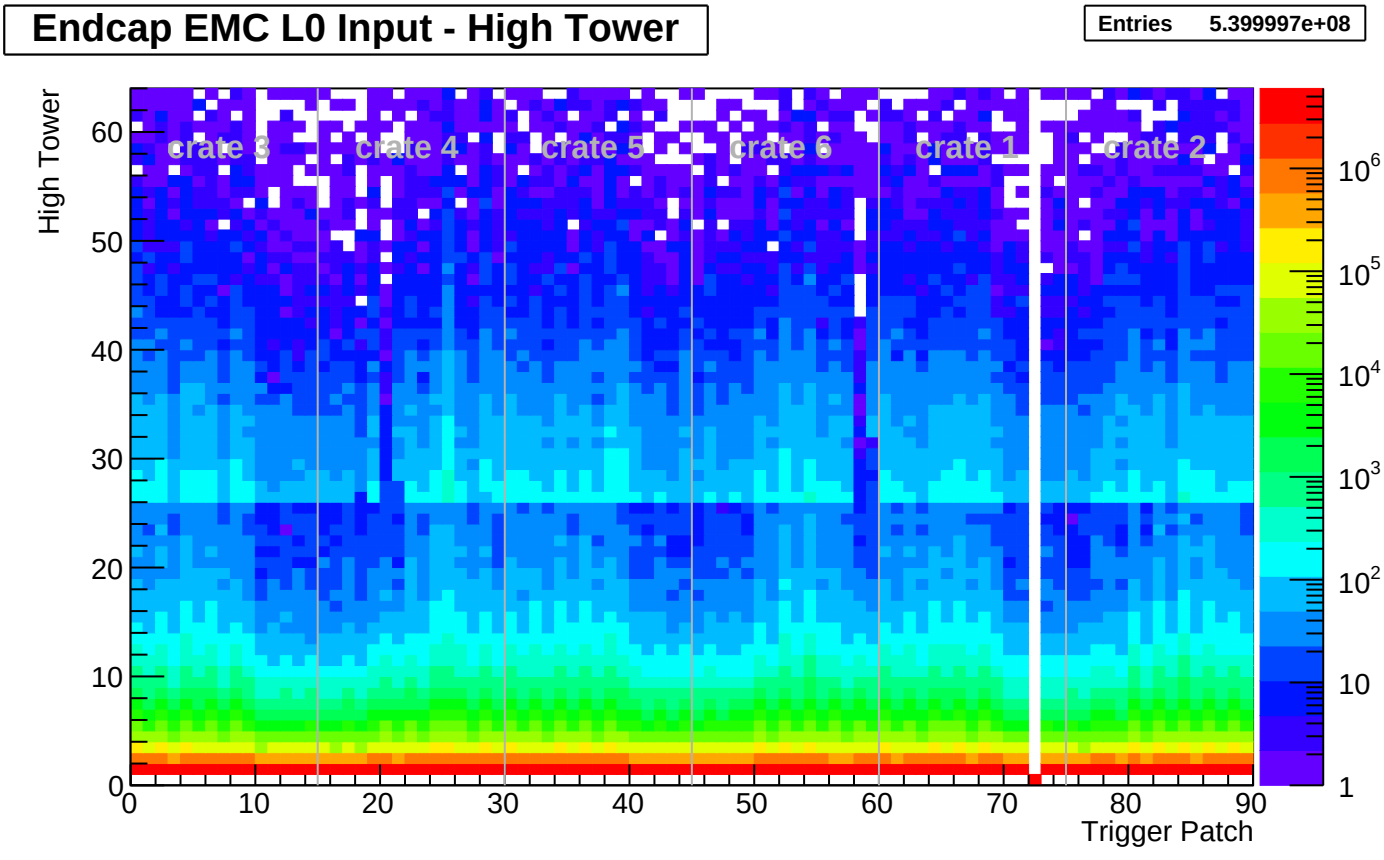
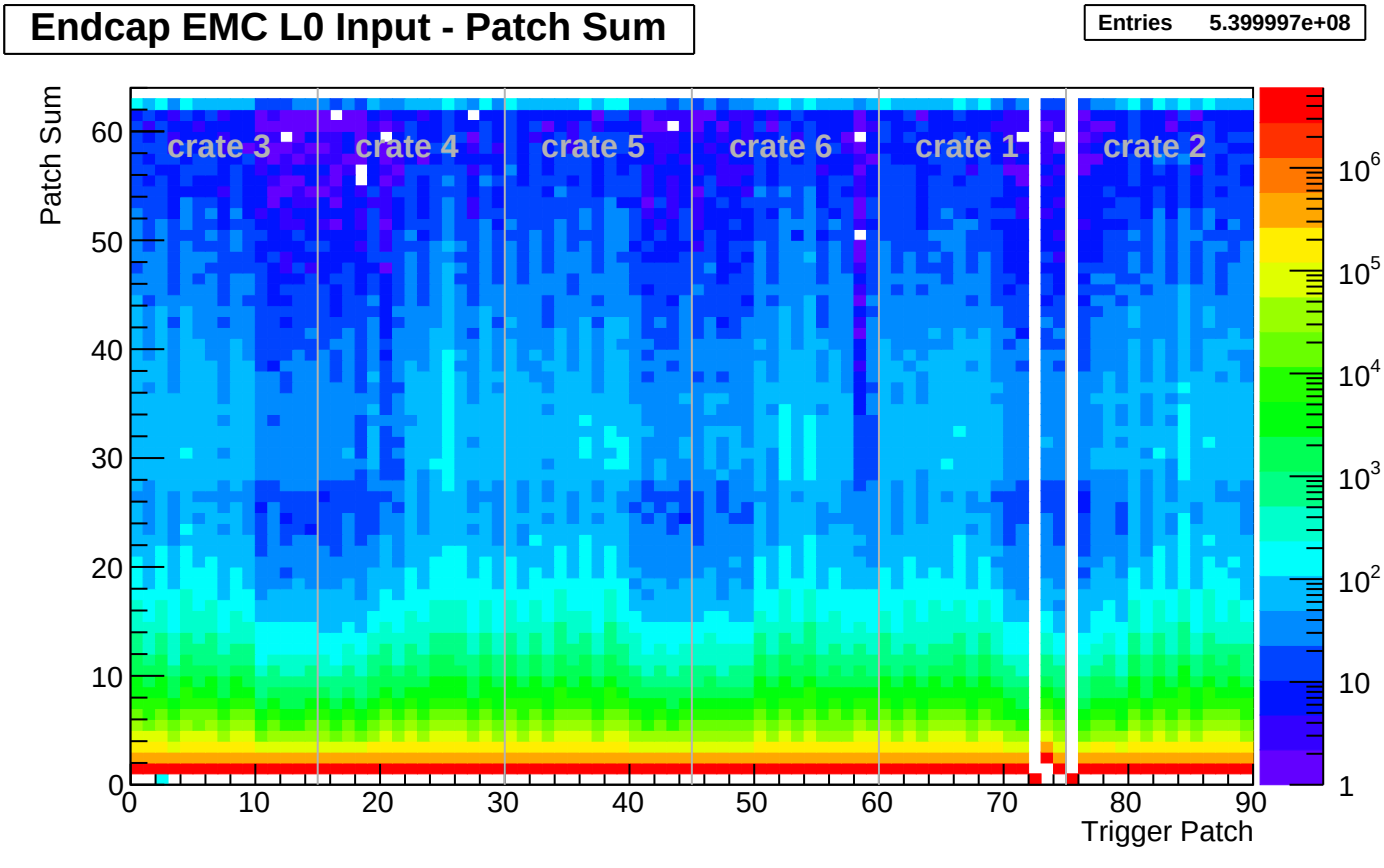
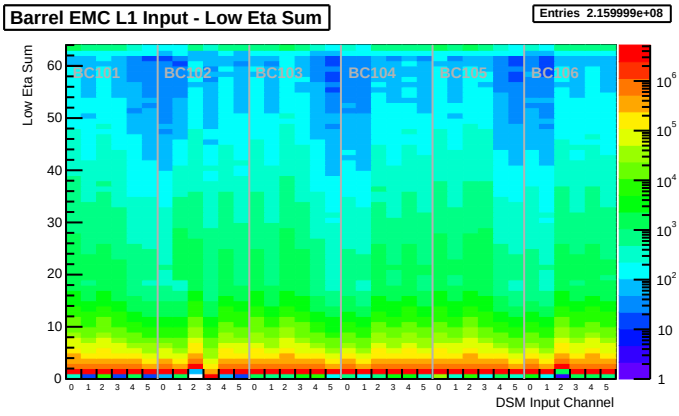
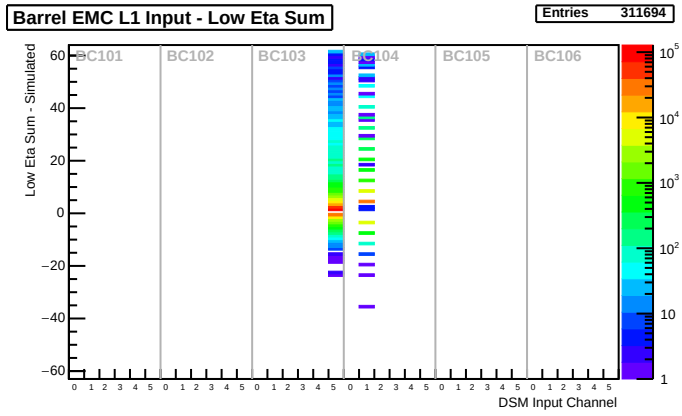

Barrel EMC L0 Input - High Tower
Entries 1.799999e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

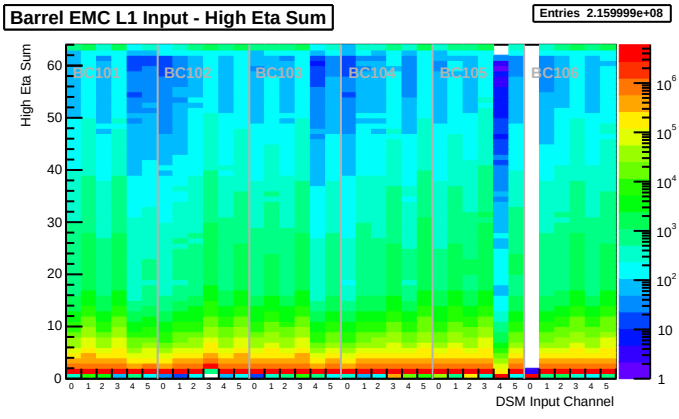

Barrel EMC L0 Input - Patch Sum
Entries 1.799999e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

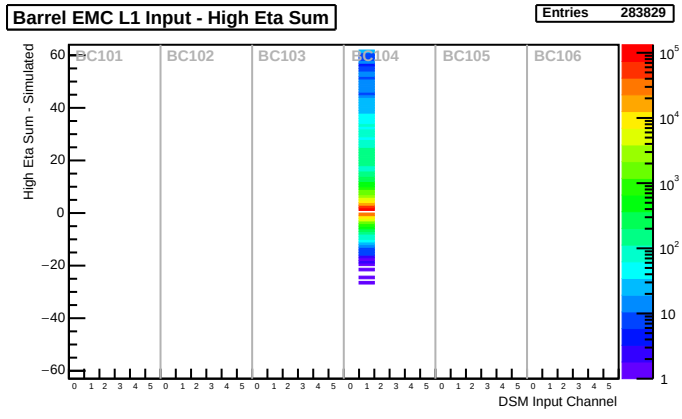

Endcap EMC L0 Input - High Tower
Entries 5.399997e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

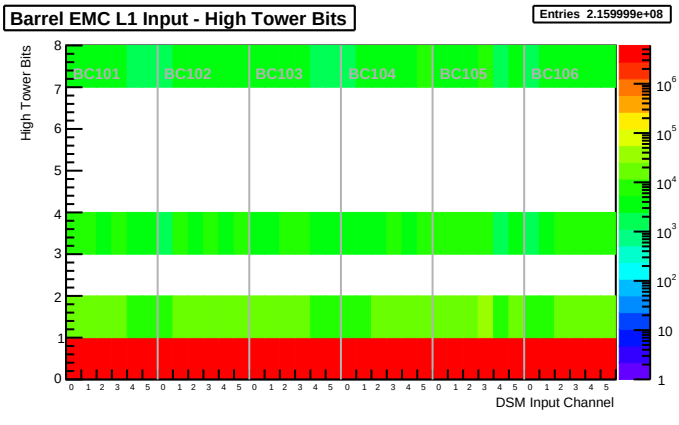

Endcap EMC L0 Input - Patch Sum
Entries 5.399997e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

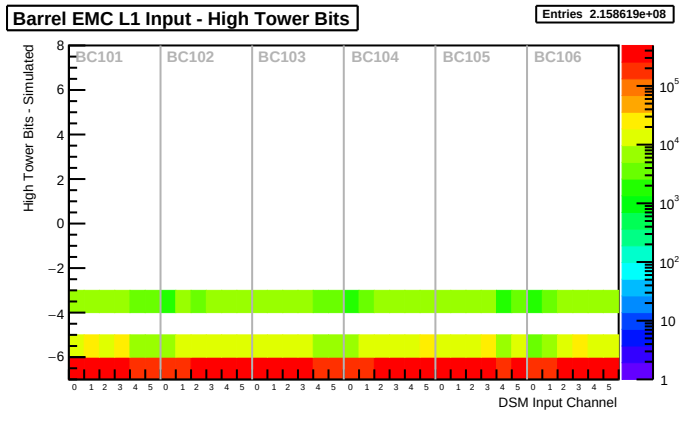

Barrel EMC L1 Input - Low Eta Sum
Entries 2.159999e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

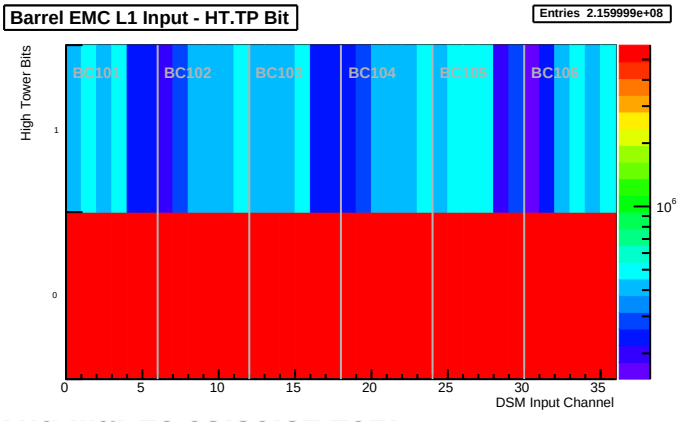

Barrel EMC L1 Input - Low Eta Sum
Entries 311694
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

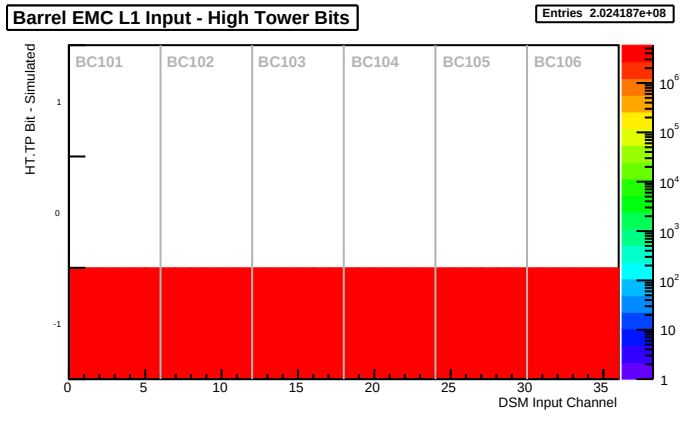

Barrel EMC L1 Input - High Eta Sum
Entries 2.159999e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

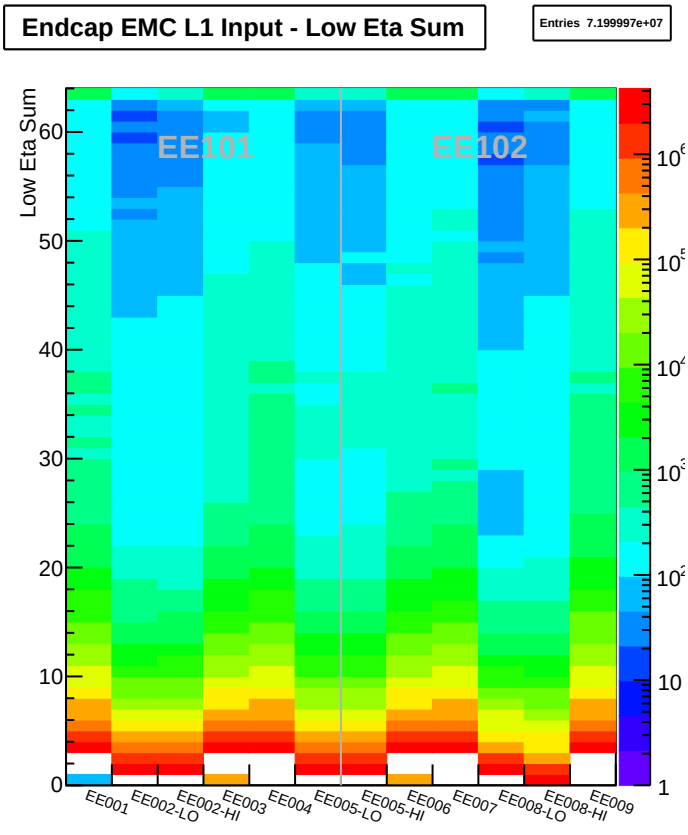

Barrel EMC L1 Input - High Eta Sum
Entries 283829
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

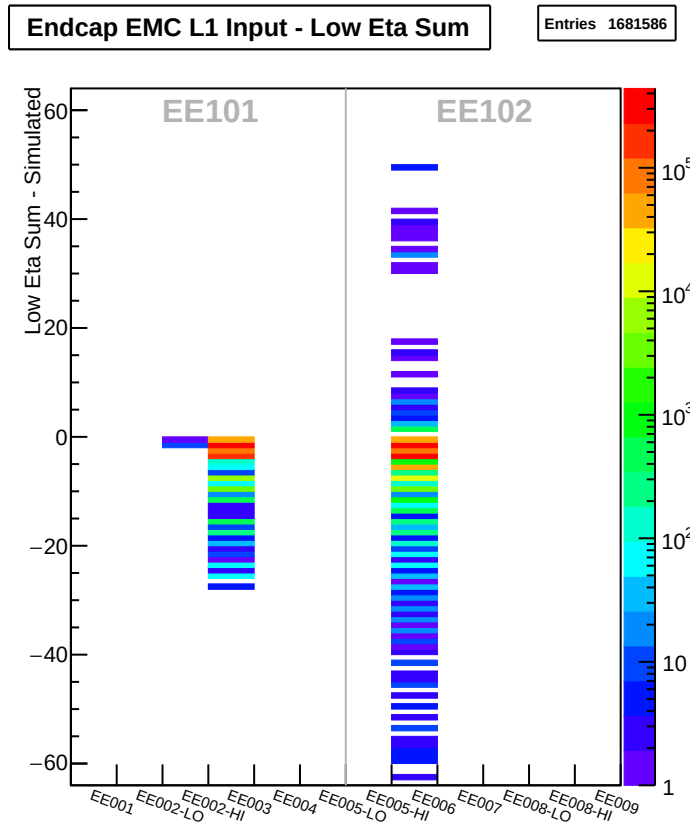

Barrel EMC L1 Input - High Tower Bits
Entries 2.159999e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

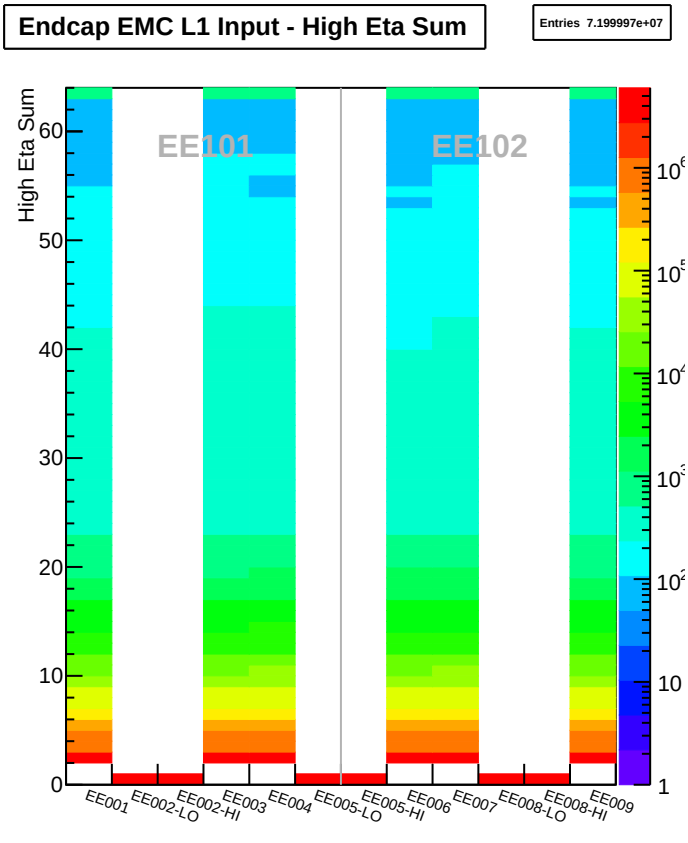

Barrel EMC L1 Input - High Tower Bits
Entries 2.158619e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

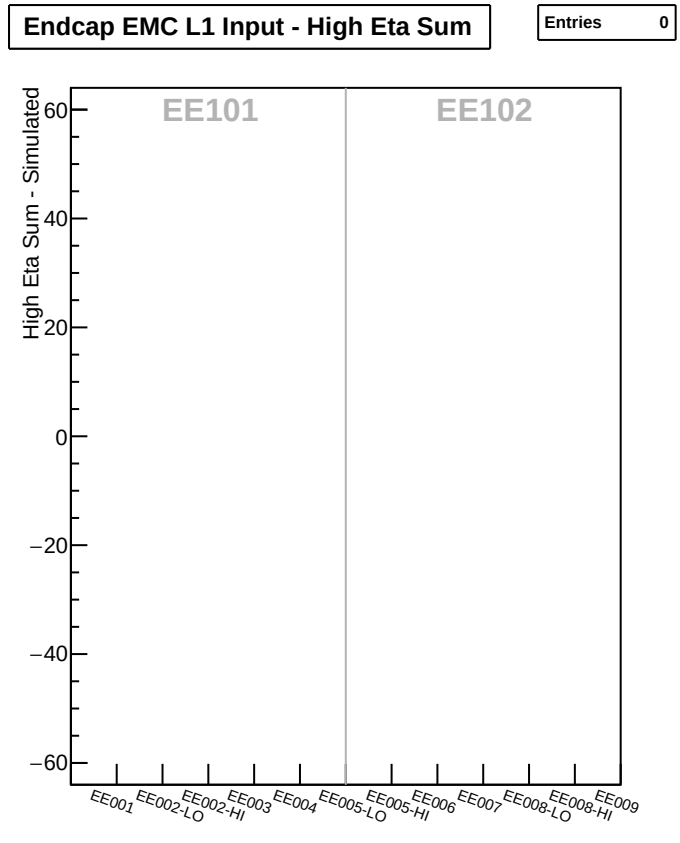

Barrel EMC L1 Input - HT.TP Bit
Entries 2.159999e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 2.024187e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 7.199997e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

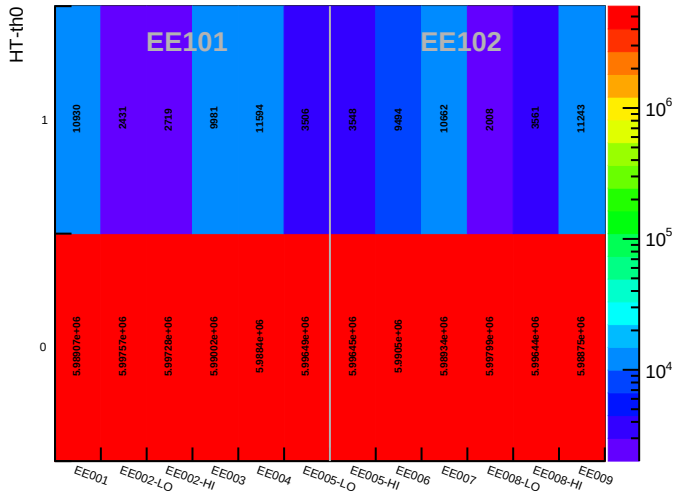

Endcap EMC L1 Input - Low Eta Sum
Entries 1681586
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 7.199997e+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

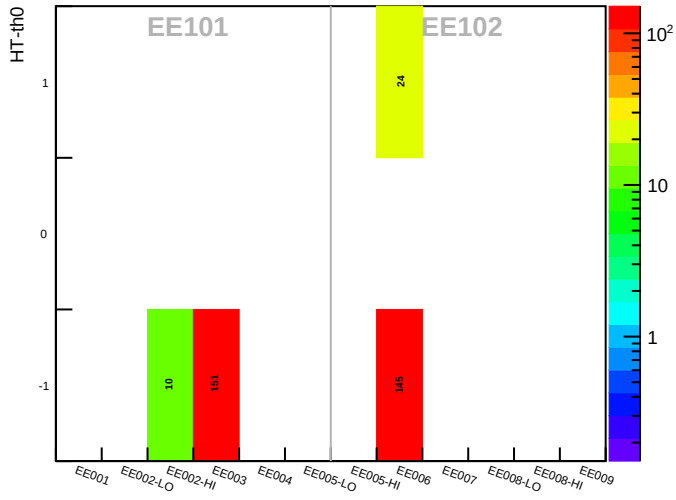
Endcap EMC L1 Input - HT-th0

Entries 7.199997e+07



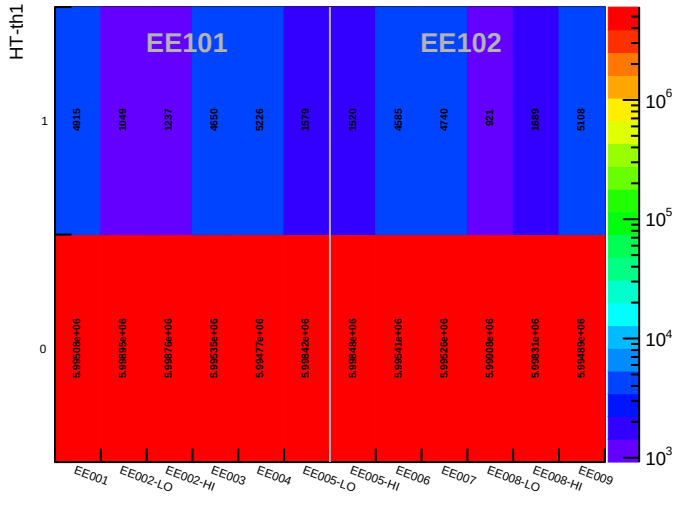
Endcap EMC L1 Input - HT-th0 Diff

Entries 330



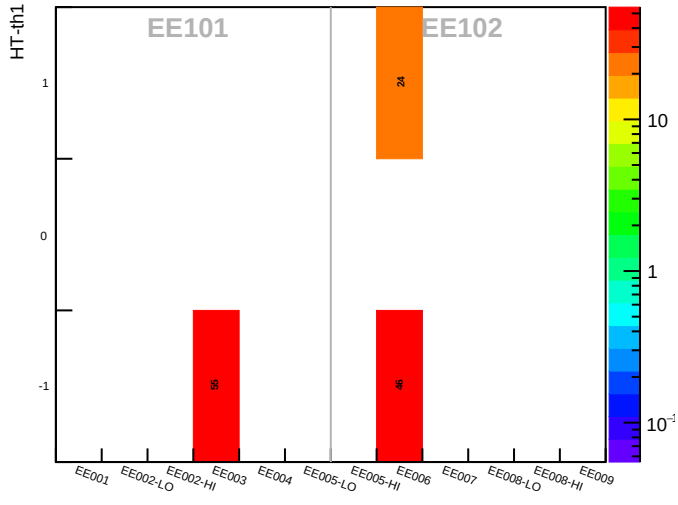
Endcap EMC L1 Input - HT-th1

Entries 7.199997e+07



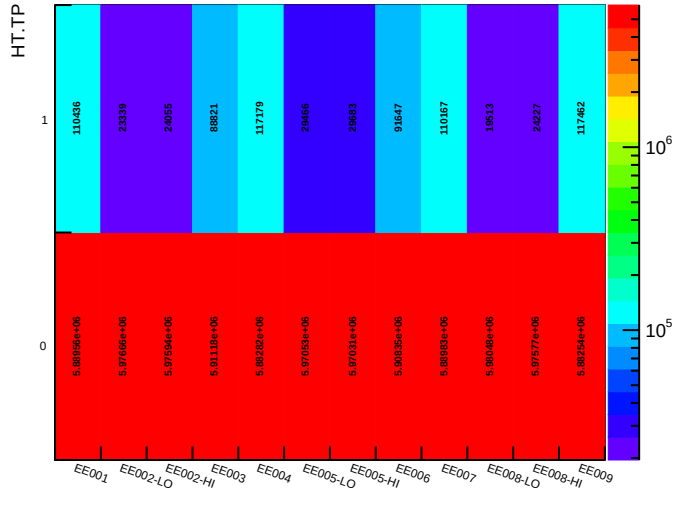
Endcap EMC L1 Input - HT-th1 Diff

Entries 125



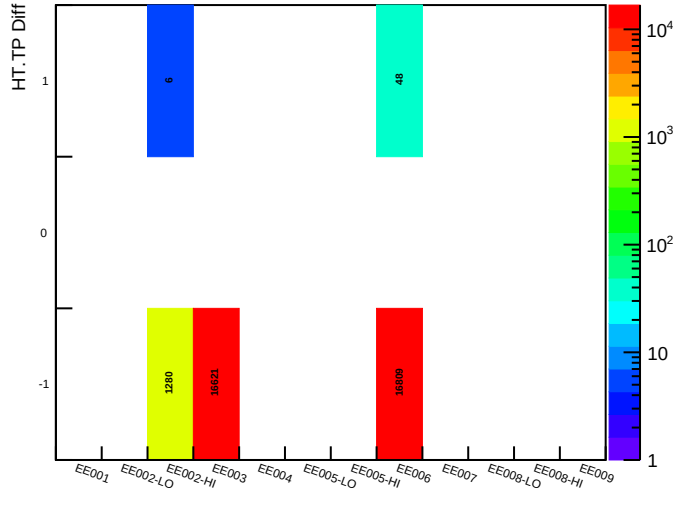
Endcap EMC L1 Input - HT.TP

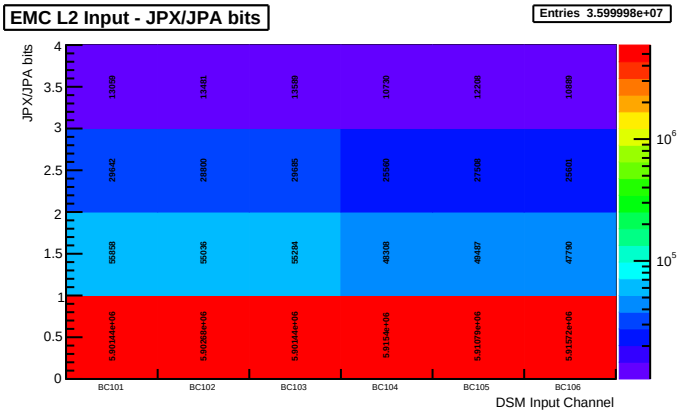
Entries 7.199997e+07

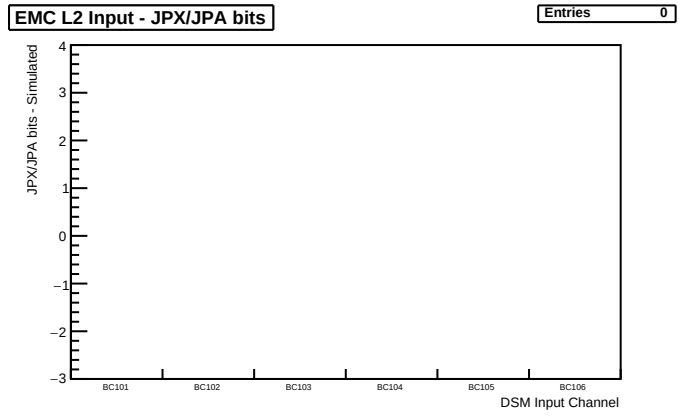


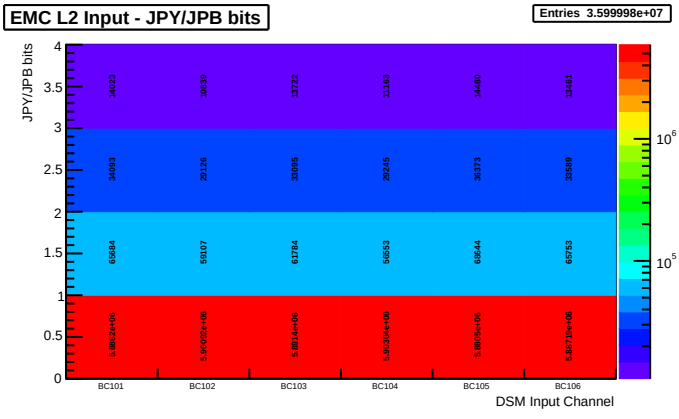
Endcap EMC L1 Input - HT.TP Diff

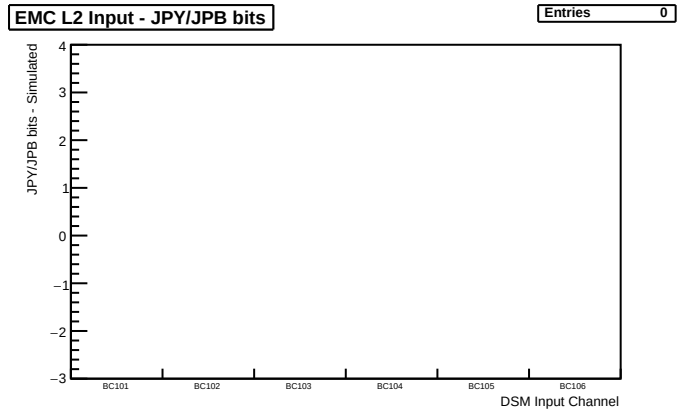
Entries 34764

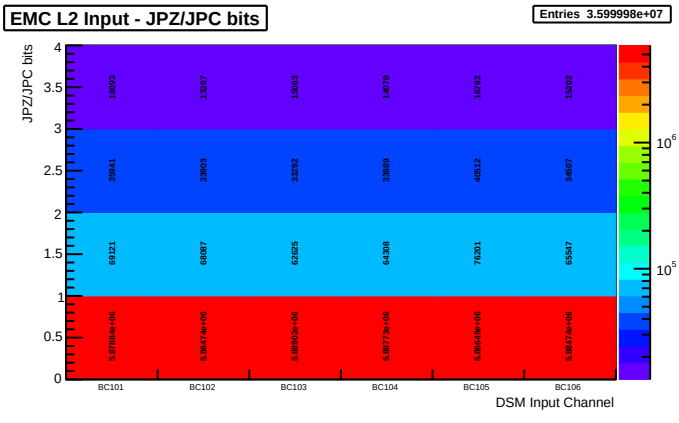


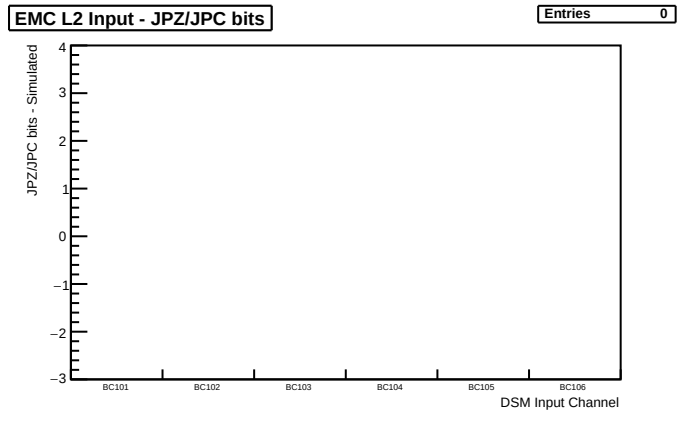

EMC L2 Input - JPX/JPA bits
Entries 3.599998e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13059
13401
13589
10730
12228
10989
29642
28800
29685
25560
27508
25601
55858
56036
56284
48308
49487
47790
5.90144e+06
5.90258e+06
5.90144e+06
5.9159e+06
5.91079e+06
5.91572e+06

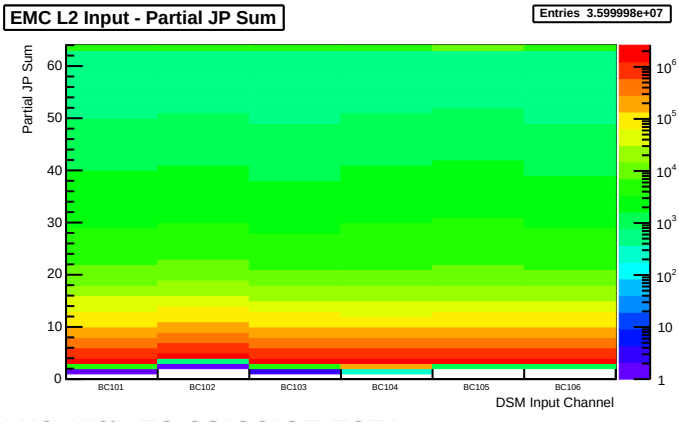

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

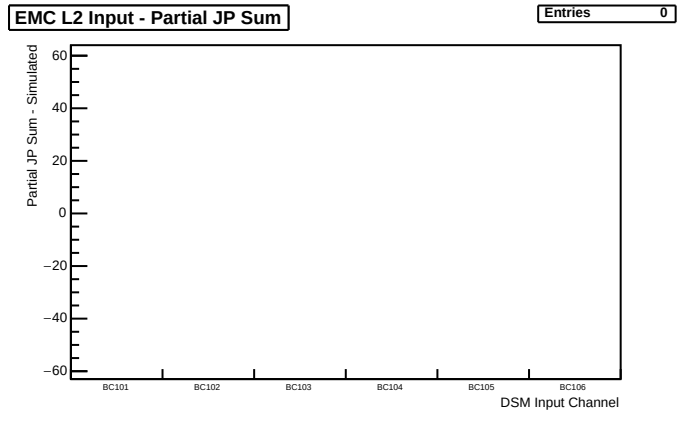

EMC L2 Input - JPY/JPB bits
Entries 3.599998e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14023
10339
13722
11163
14480
13461
34093
29126
33095
29245
36373
33589
65684
59107
61794
56653
68644
65753
5.8862e+06
5.90092e+06
5.90144e+06
5.90304e+06
5.8805e+06
5.89739e+06

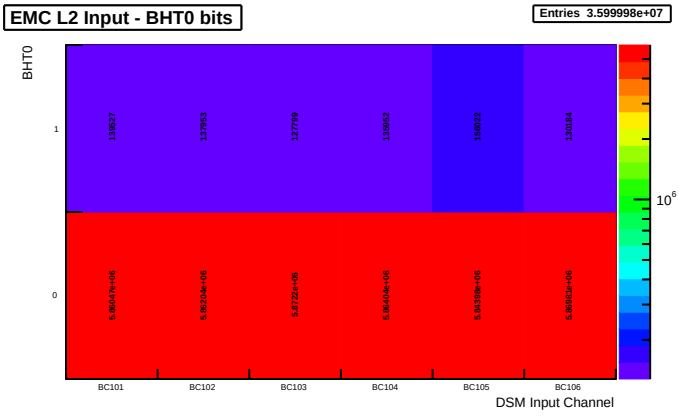

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

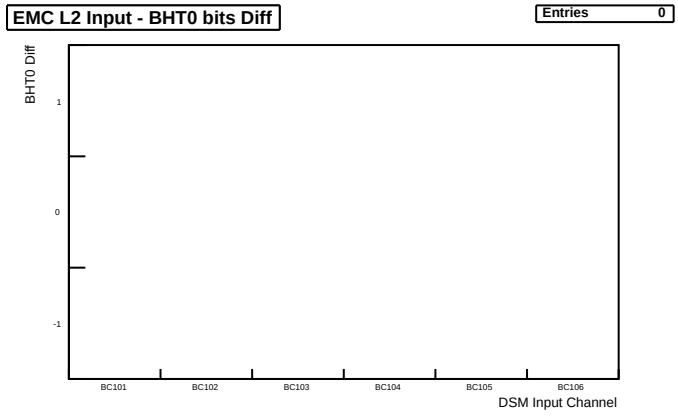

EMC L2 Input - JPZ/JPC bits
Entries 3.599998e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
16033
13767
15663
14070
16792
15202
39941
33903
33292
33889
40912
34607
69121
68087
62625
64308
76201
65547
5.87834e+06
5.88474e+06
5.88992e+06
5.89773e+06
5.86649e+06
5.88474e+06

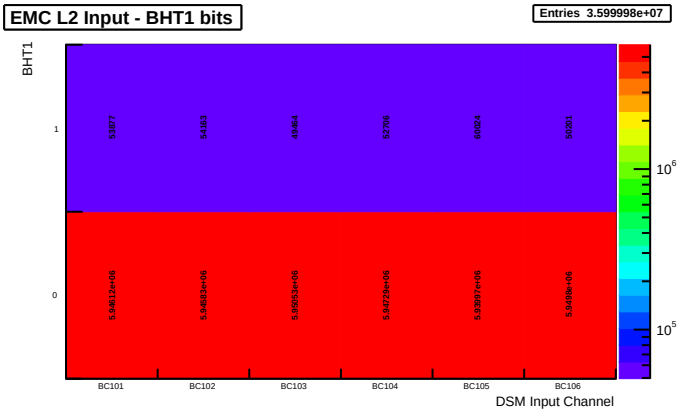

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

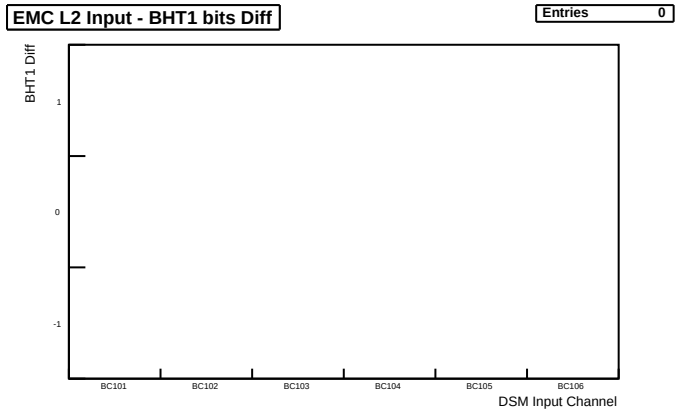

EMC L2 Input - Partial JP Sum
Entries 3.599998e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

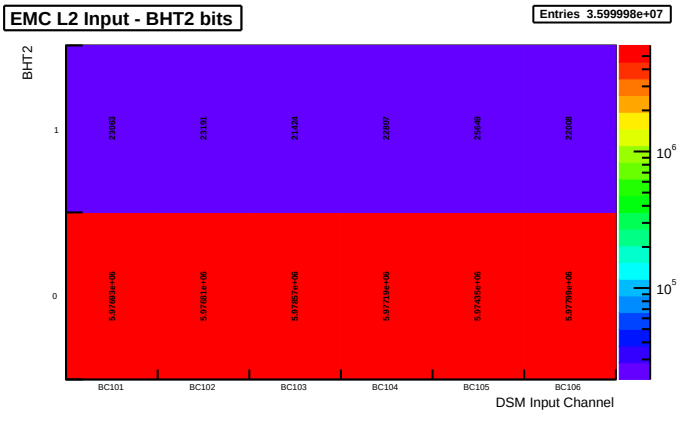

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

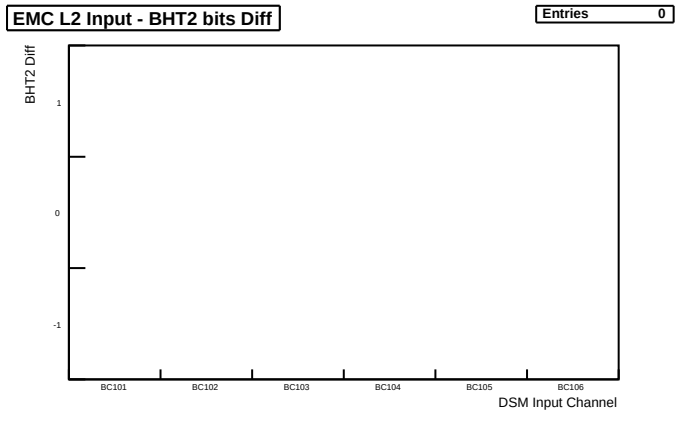

EMC L2 Input - BHT0 bits
Entries 3.599998e+07
BHT0
1
0
139527
137953
127799
139952
136022
139184
5.80047e+06
5.85204e+06
5.87722e+06
5.88409e+06
5.84398e+06
5.83691e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

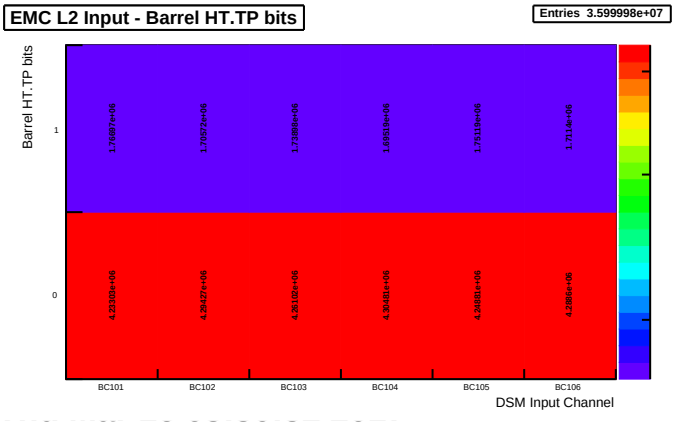

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

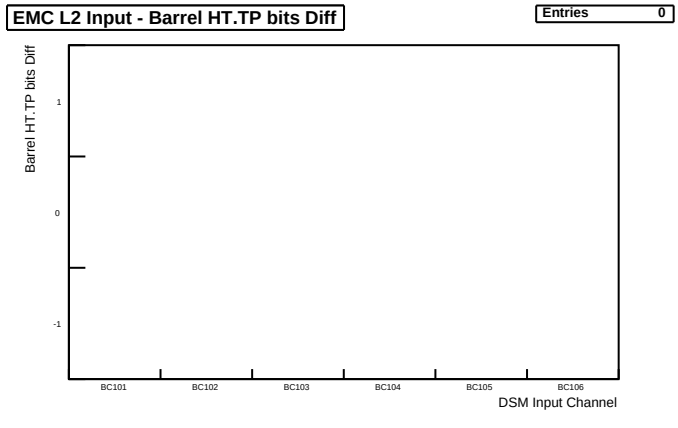

EMC L2 Input - BHT1 bits
Entries 3.599998e+07
BHT1
1
0
53877
54163
49464
52706
60024
50201
5.94012e+06
5.94583e+06
5.95053e+06
5.94729e+06
5.93997e+06
5.94698e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

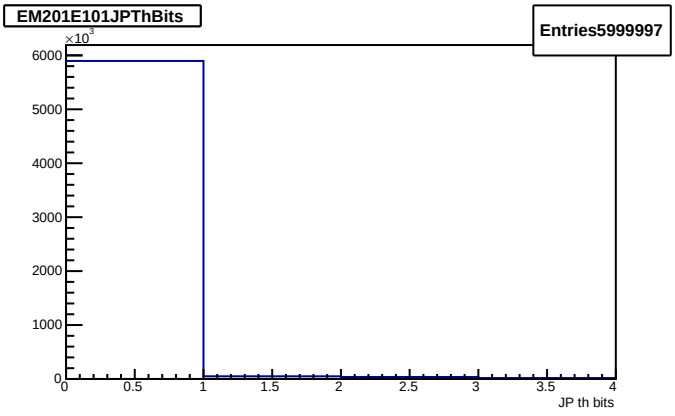

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

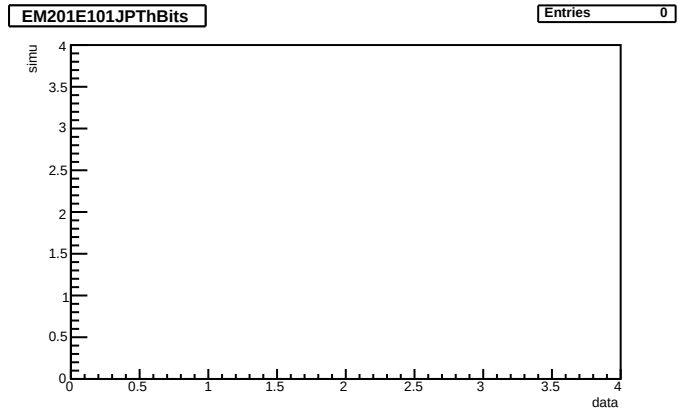

EMC L2 Input - BHT2 bits
Entries 3.599998e+07
BHT2
1
0
23563
23191
21424
22207
25549
22038
5.97683e+06
5.97681e+06
5.97857e+06
5.97719e+06
5.97455e+06
5.97739e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

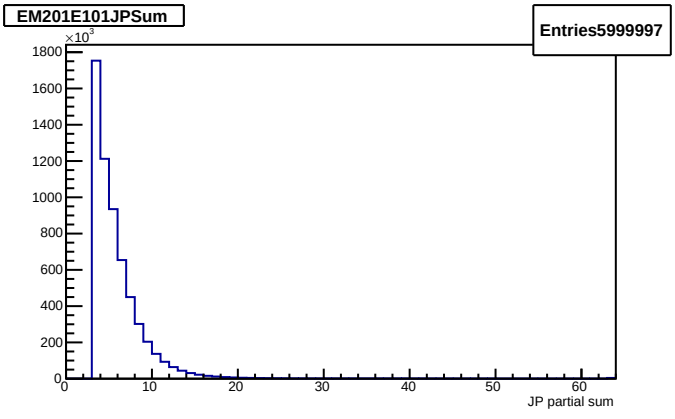

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

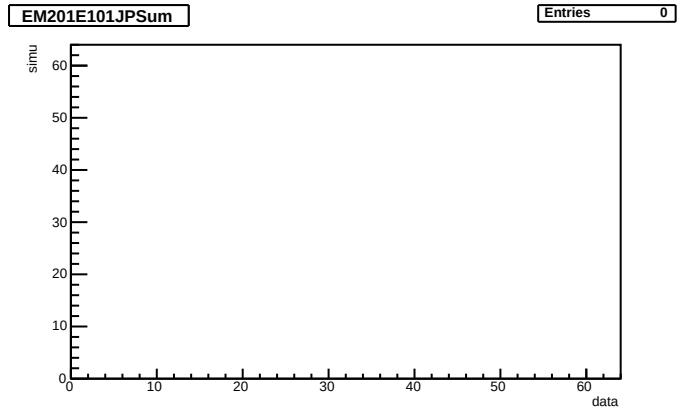

EMC L2 Input - Barrel HT.TP bits
Entries 3.599998e+07
Barrel HT.TP bits
1
0
1.76497e+06
1.70072e+06
1.73889e+06
1.69519e+06
1.75119e+06
1.7114e+06
4.23303e+06
4.29427e+06
4.26102e+06
4.30481e+06
4.24681e+06
4.2889e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

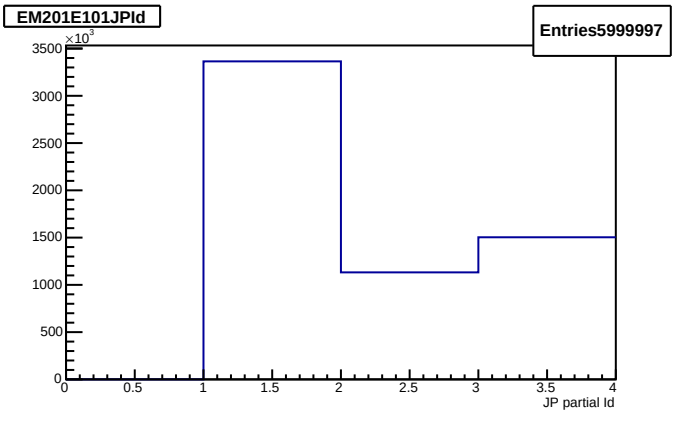

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

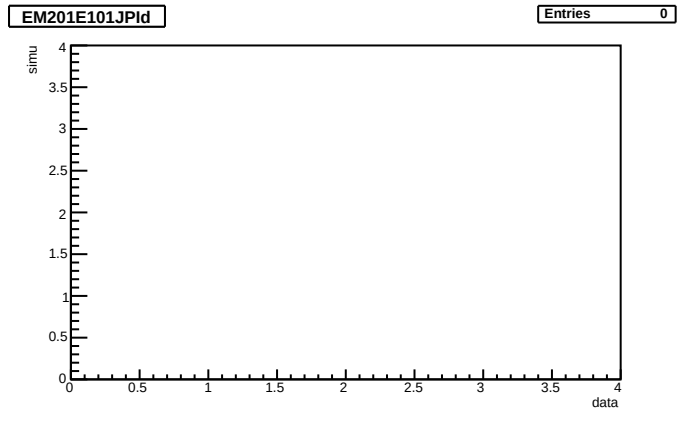

EM201E101JPThBits
Entries5999997
×10^3
JP th bits

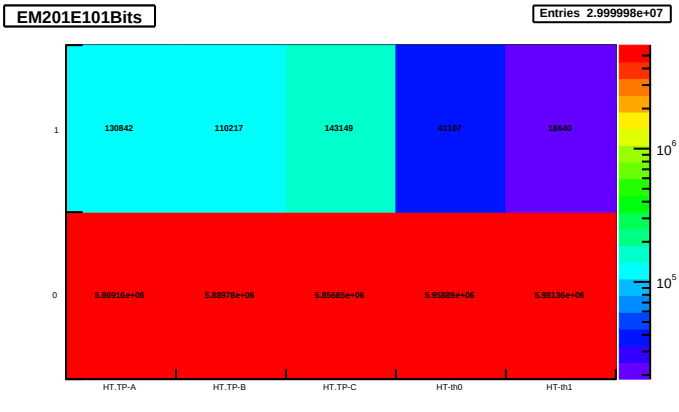

EM201E101JPThBits
Entries 0
simu
data

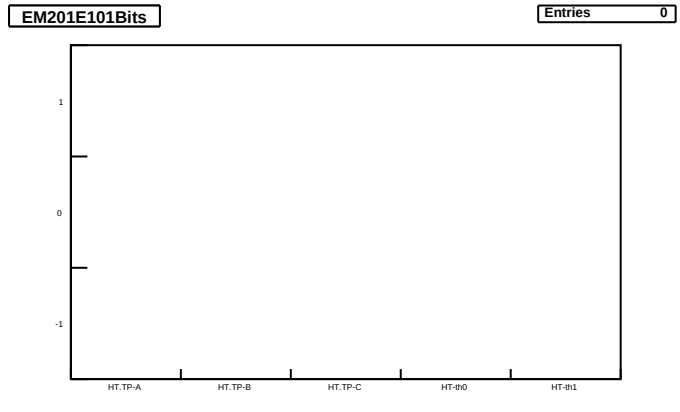

EM201E101JPSum
Entries5999997
×10^3
JP partial sum

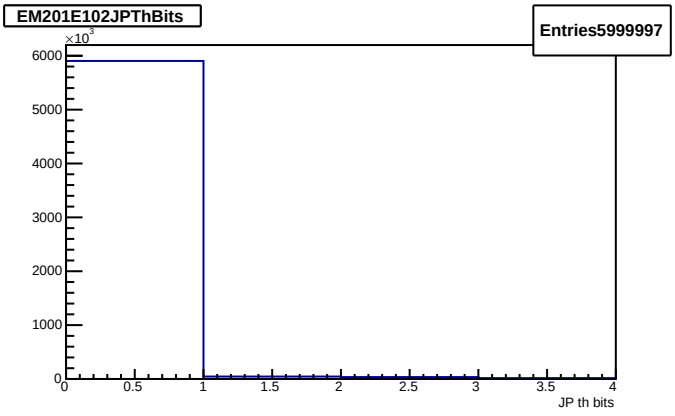

EM201E101JPSum
Entries 0
simu
data

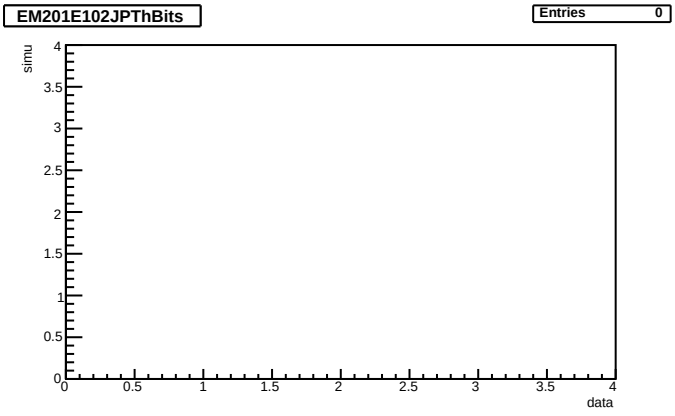

EM201E101JPId
Entries5999997
×10^3
JP partial Id

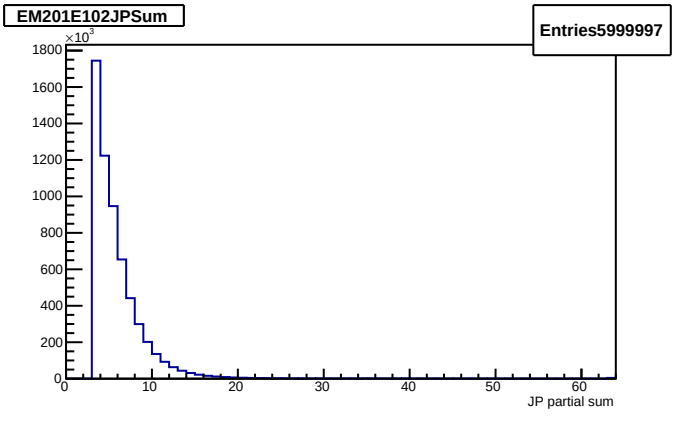

EM201E101JPId
Entries 0
simu
data

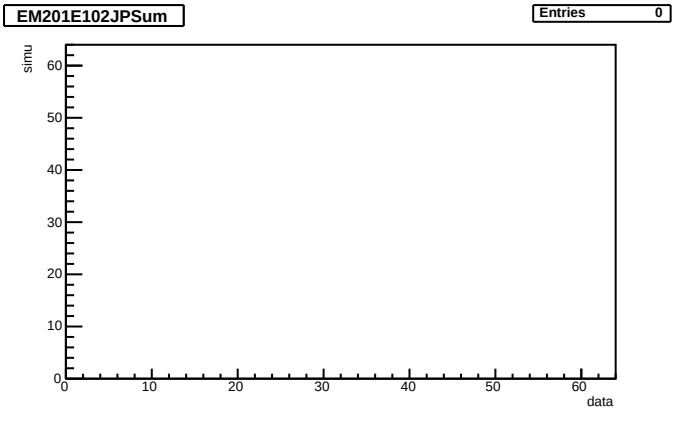

EM201E101Bits
Entries 2.999998e+07
130842
110217
143149
41107
18640
5.86916e+06
5.88978e+06
5.85685e+06
5.95889e+06
5.98136e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

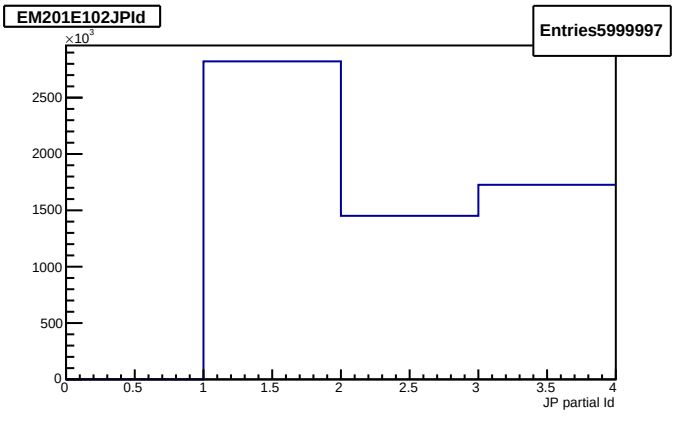

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

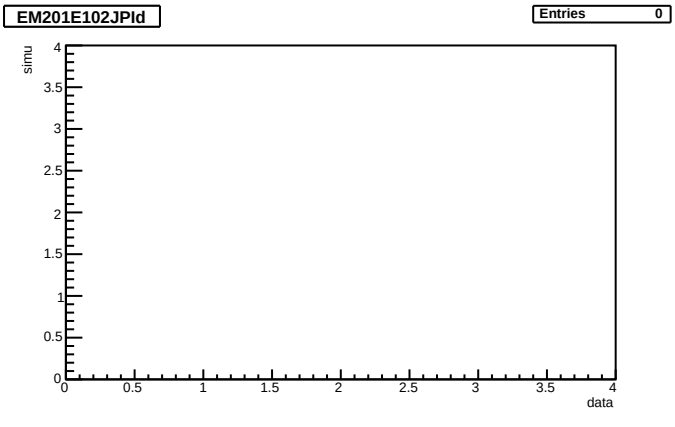

EM201E102JPThBits
Entries5999997
×10^3
JP th bits

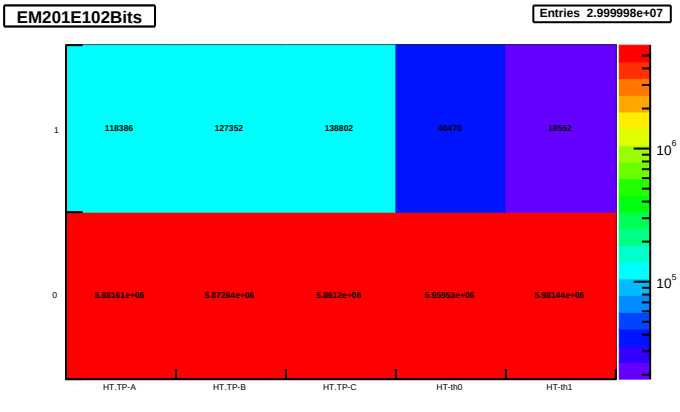

EM201E102JPThBits
Entries 0
simu
data

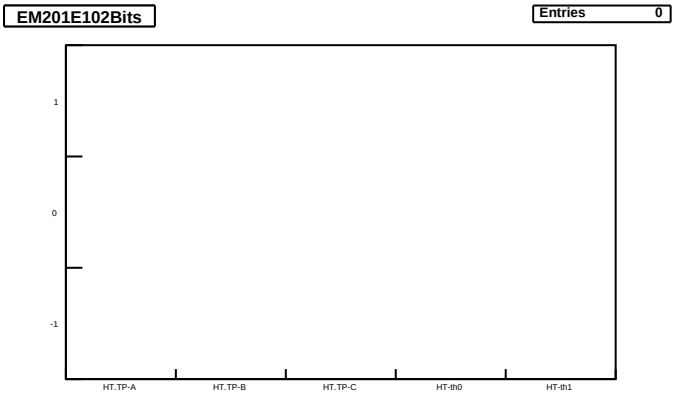

EM201E102JPSum
Entries5999997
×10^3
JP partial sum

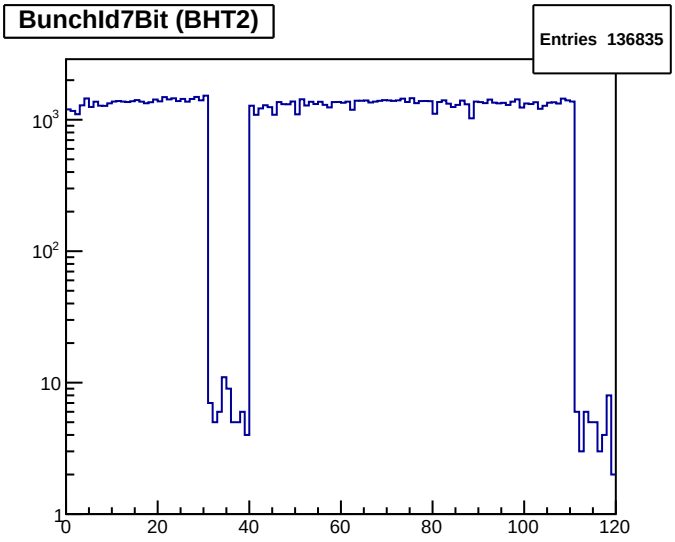

EM201E102JPSum
Entries 0
simu
data

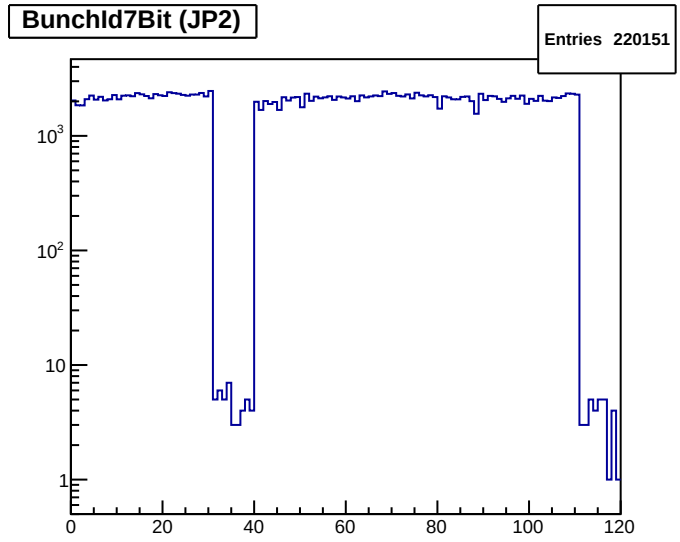

EM201E102JPId
Entries5999997
×10^3
JP partial Id

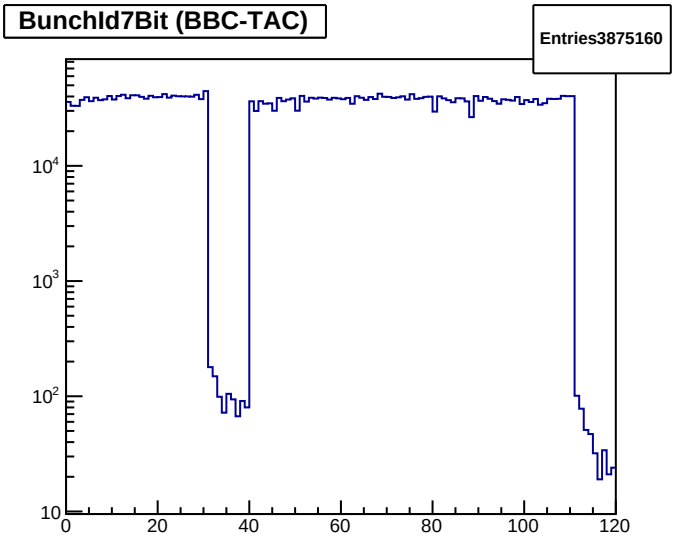

EM201E102JPId
Entries 0
simu
data

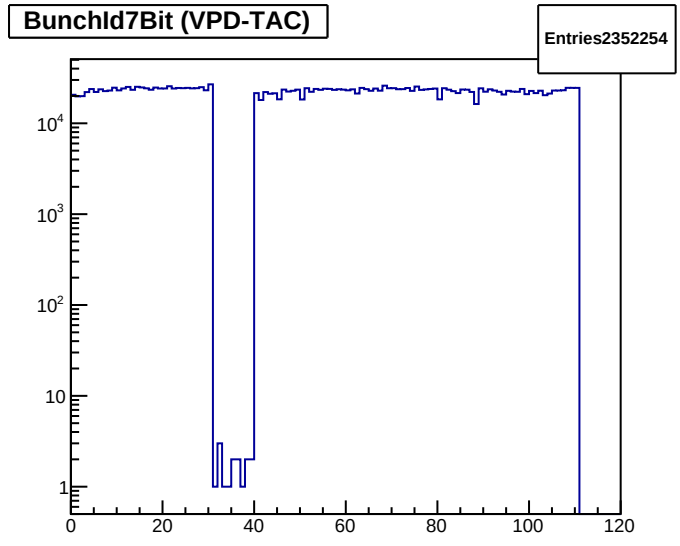

EM201E102Bits
Entries 2.999998e+07
118386
127352
138802
40470
18552
5.88161e+06
5.87264e+06
5.8612e+06
5.95953e+06
5.98144e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

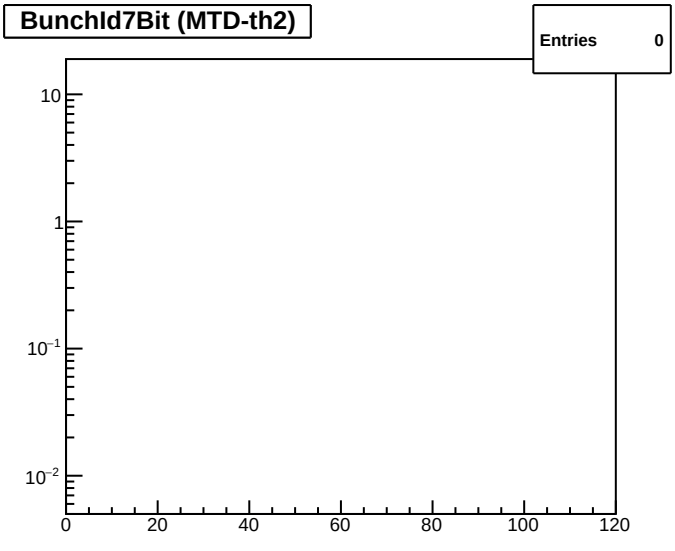

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

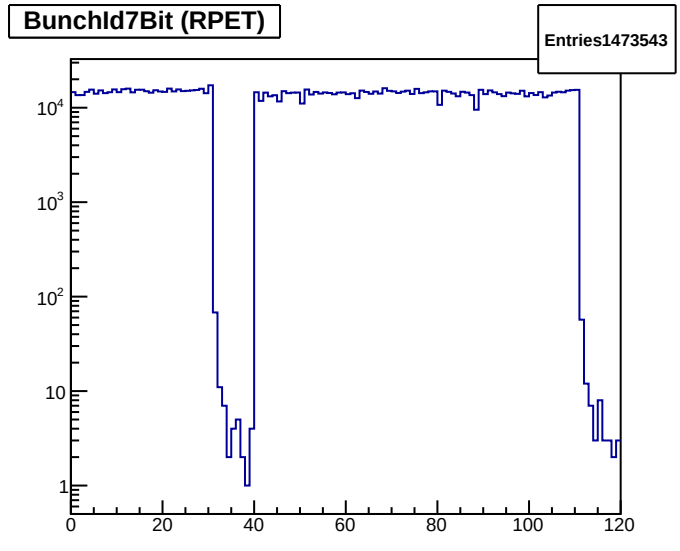

BunchId7Bit (BHT2)
Entries 136835

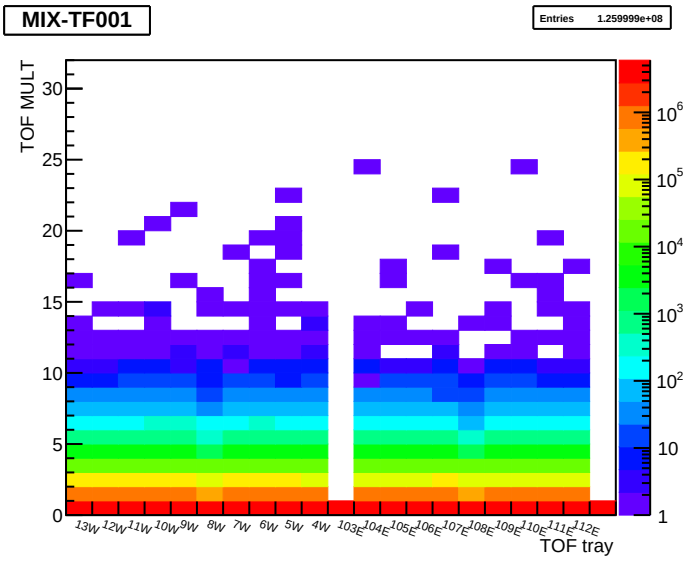

BunchId7Bit (JP2)
Entries 220151

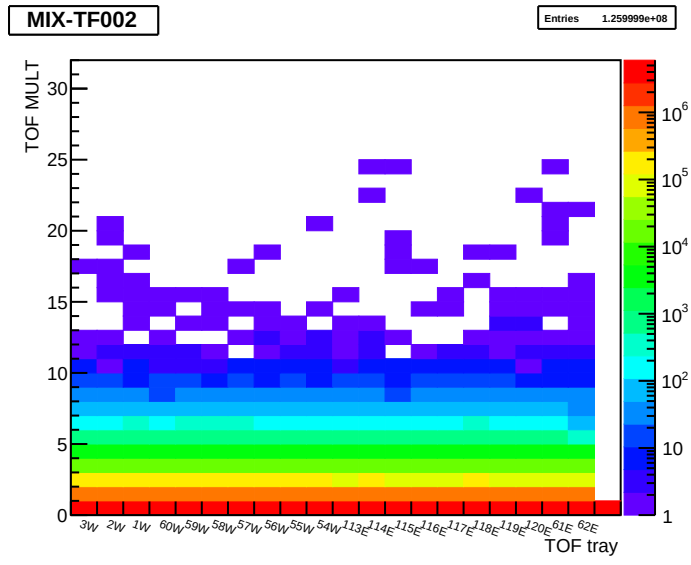

BunchId7Bit (BBC-TAC)
Entries3875160

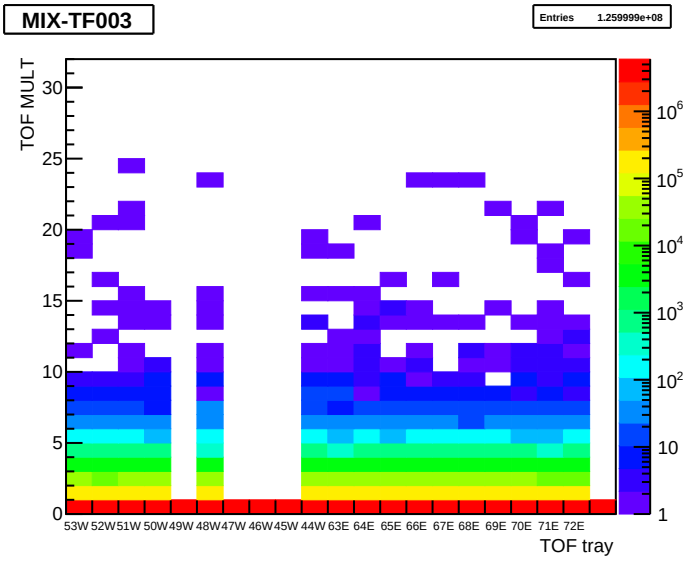

BunchId7Bit (VPD-TAC)
Entries2352254

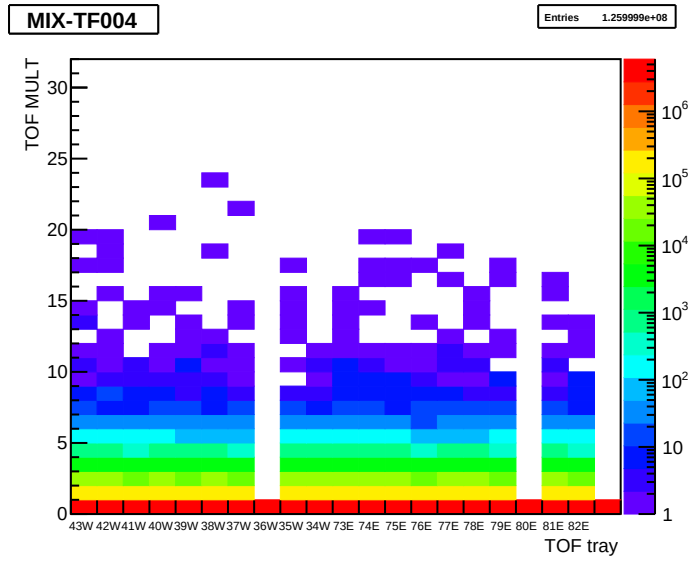

BunchId7Bit (MTD-th2)
Entries 0

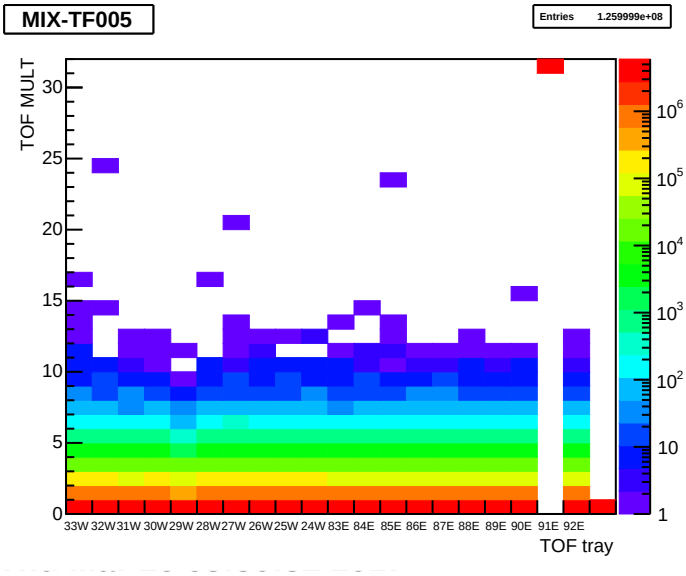

BunchId7Bit (RPET)
Entries1473543

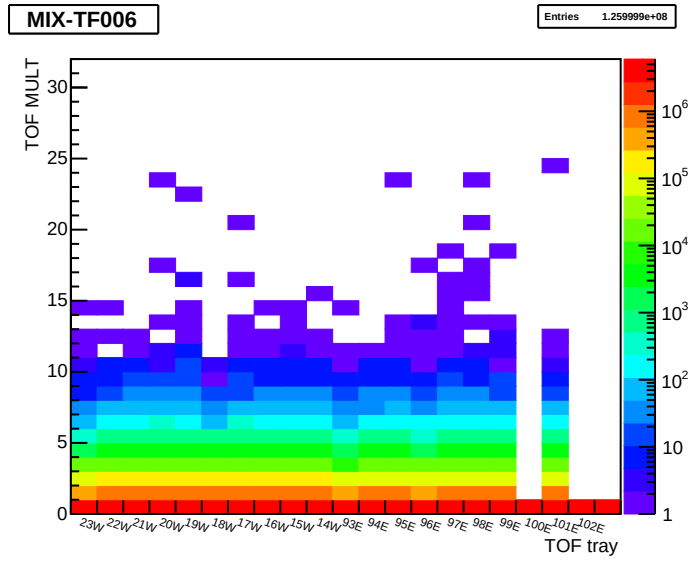

MIX-TF001
Entries 1.259999e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

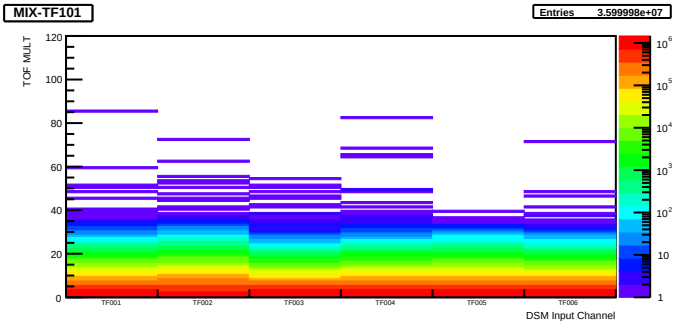

MIX-TF002
Entries 1.259999e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

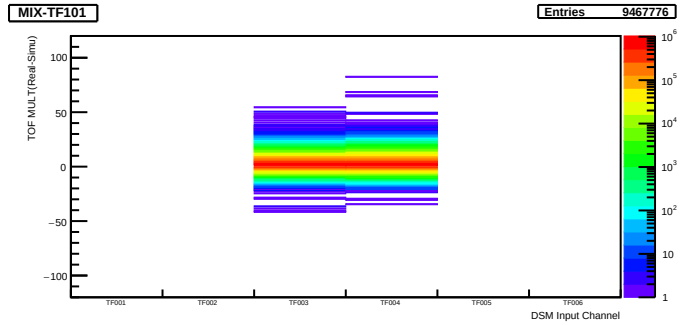

MIX-TF003
Entries 1.259999e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

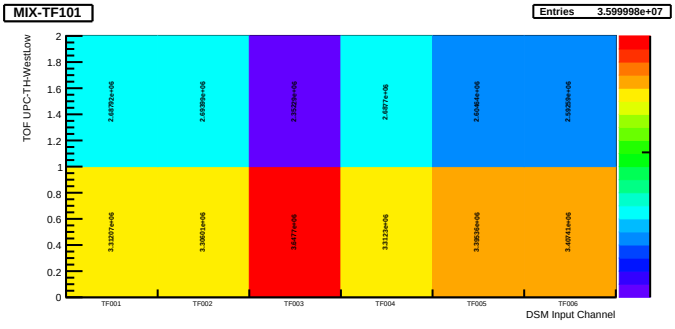

MIX-TF004
Entries 1.259999e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

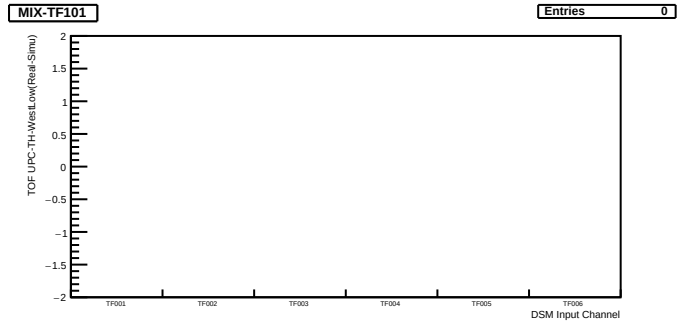

MIX-TF005
Entries 1.259999e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

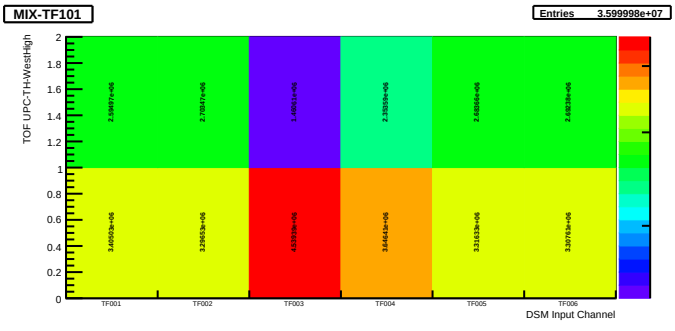

MIX-TF006
Entries 1.259999e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

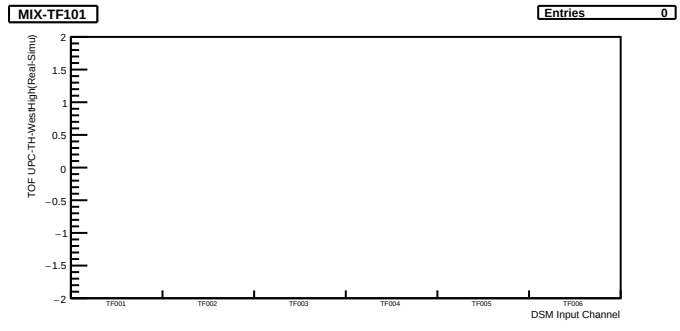

MIX-TF101
Entries 3.599998e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

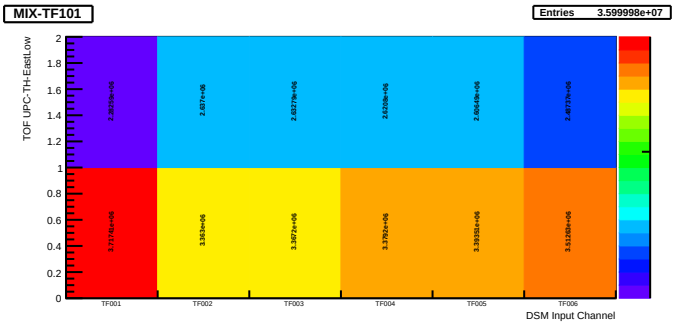

MIX-TF101
Entries 9467776
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

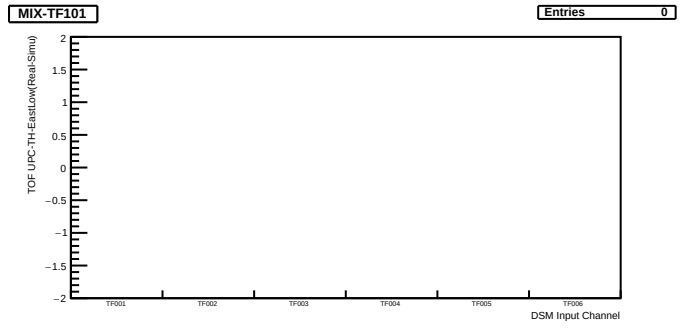

MIX-TF101
Entries 3.599998e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

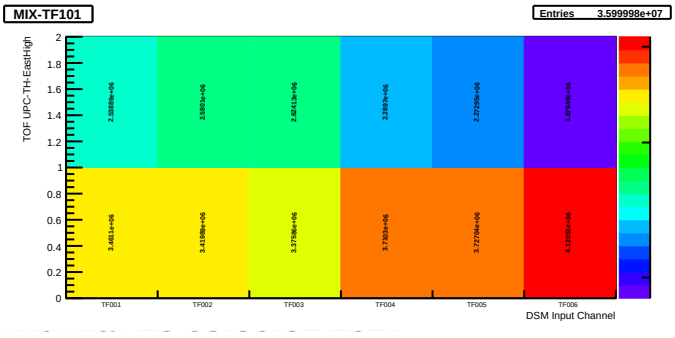

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

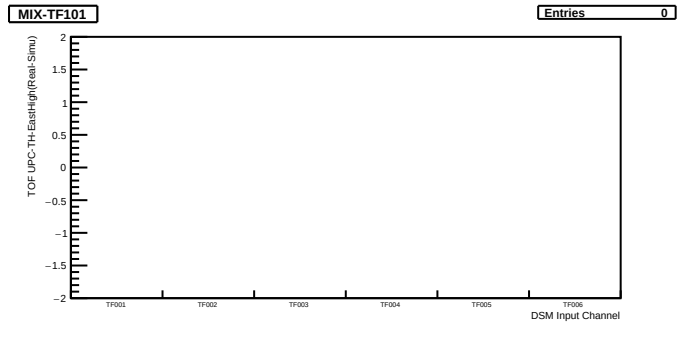

MIX-TF101
Entries 3.599998e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

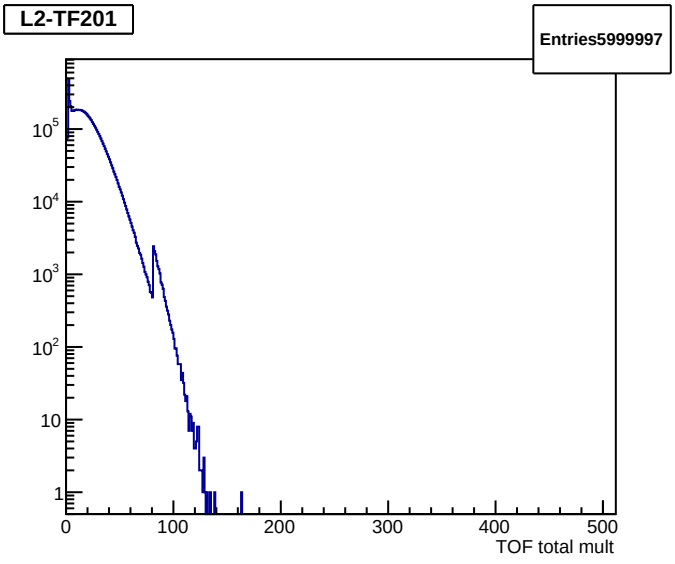

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

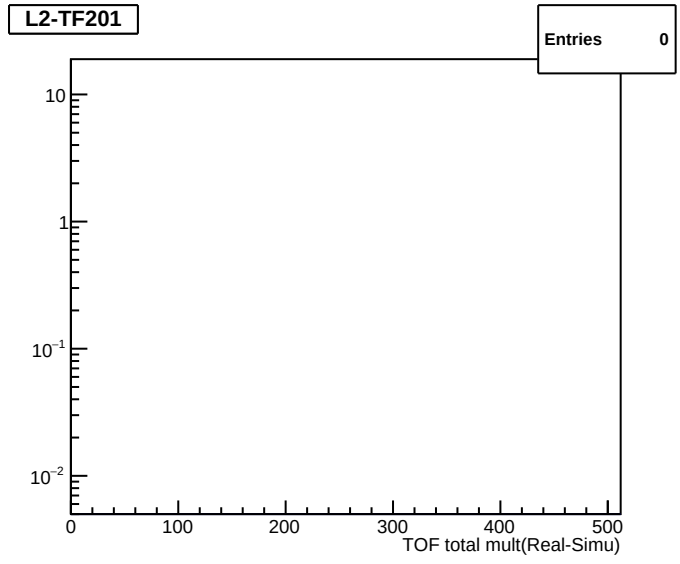

MIX-TF101
Entries 3.599998e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

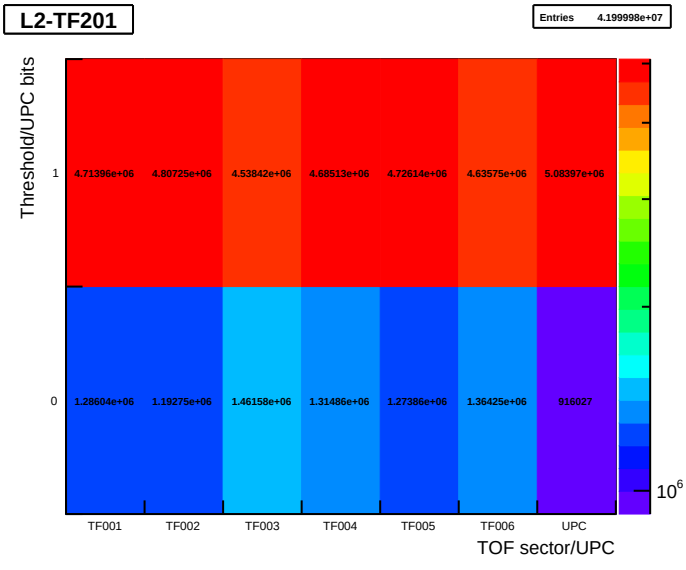

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

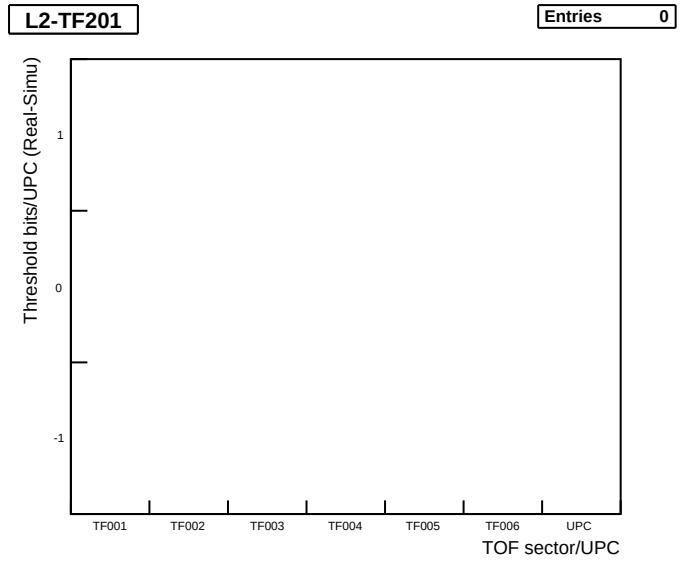

MIX-TF101
Entries 3.599998e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

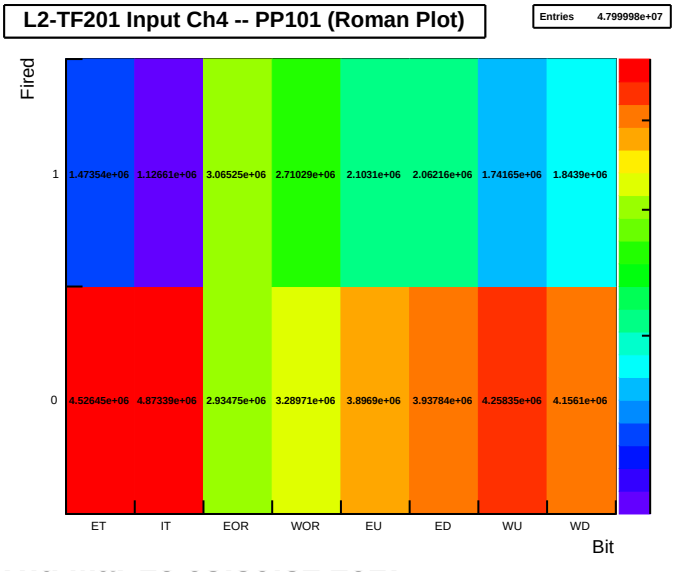

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

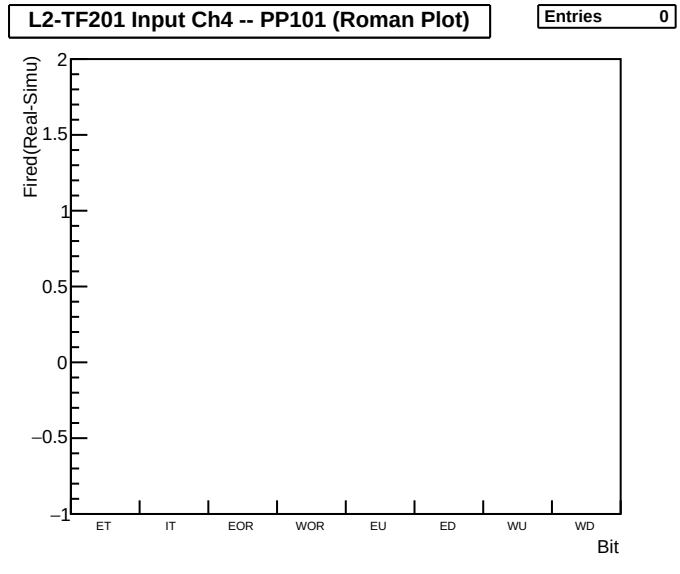

L2-TF201
Entries5999997
TOF total mult

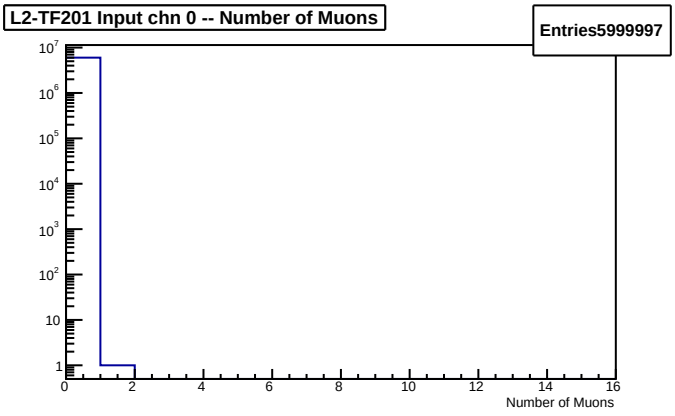

L2-TF201
Entries 0
TOF total mult(Real-Simu)

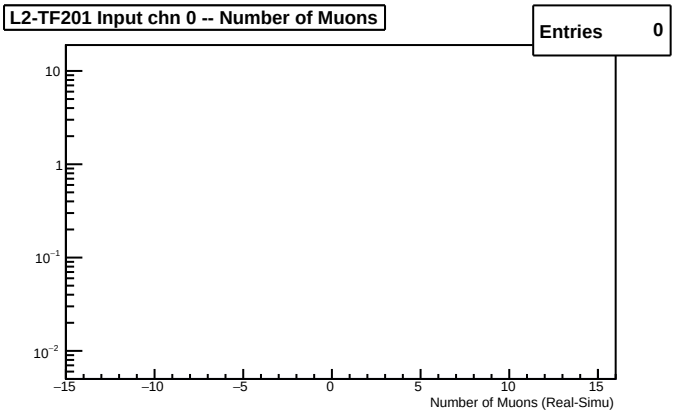

L2-TF201
Entries 4.199998e+07
Threshold/UPC bits
4.71396e+06
4.80725e+06
4.53842e+06
4.68513e+06
4.72614e+06
4.63575e+06
5.08397e+06
1.28604e+06
1.19275e+06
1.46158e+06
1.31486e+06
1.27386e+06
1.36425e+06
916027
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

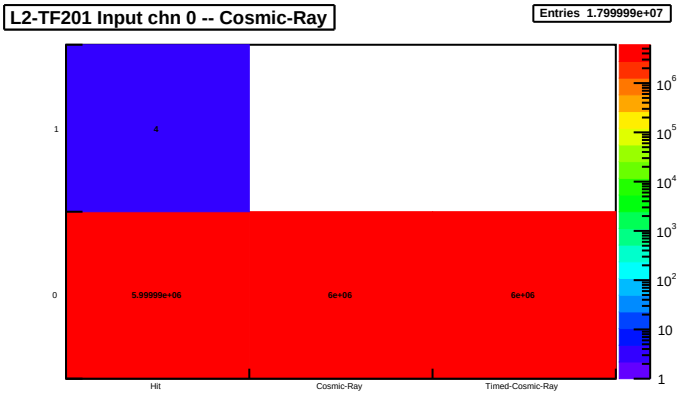

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

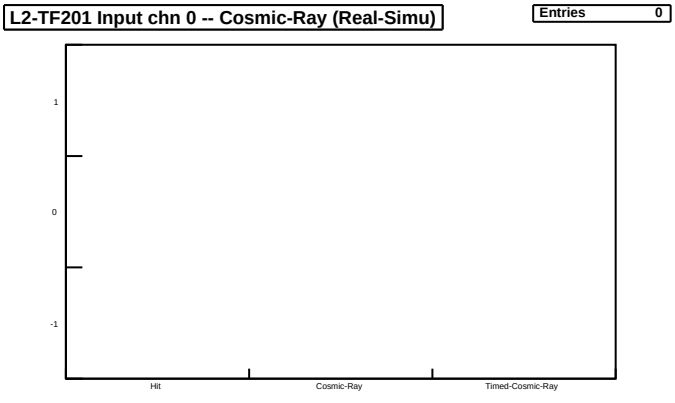

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.799998e+07
Fired
1.47354e+06
1.12661e+06
3.06525e+06
2.71029e+06
2.1031e+06
2.06216e+06
1.74165e+06
1.8439e+06
4.52645e+06
4.87339e+06
2.93475e+06
3.28971e+06
3.8969e+06
3.93784e+06
4.25835e+06
4.1561e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

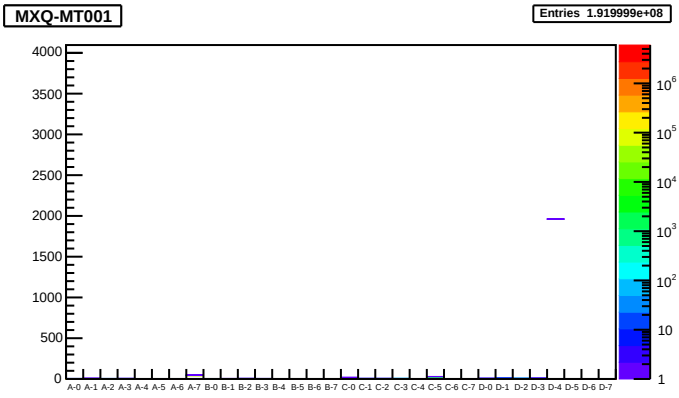

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

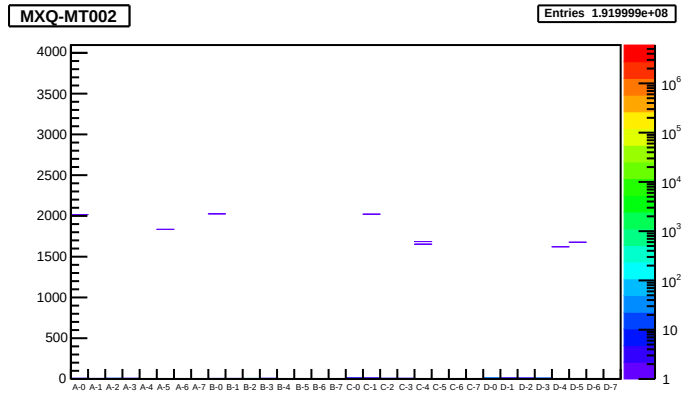

L2-TF201 Input chn 0 -- Number of Muons
Entries5999997
Number of Muons

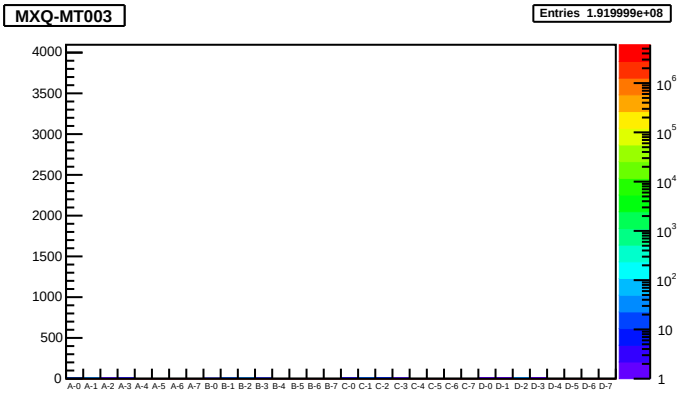

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

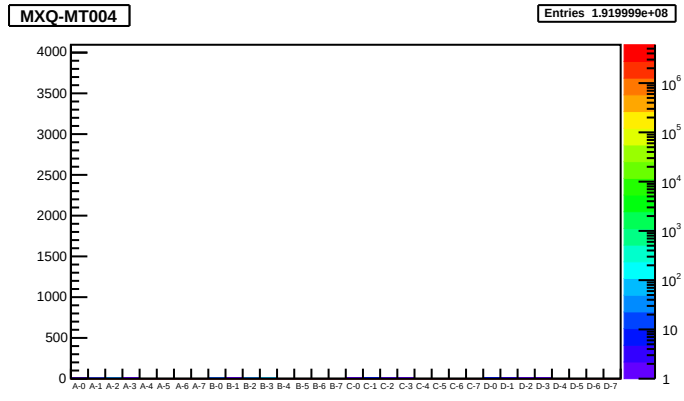

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.799999e+07
4
5.99999e+06
6e+06
6e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

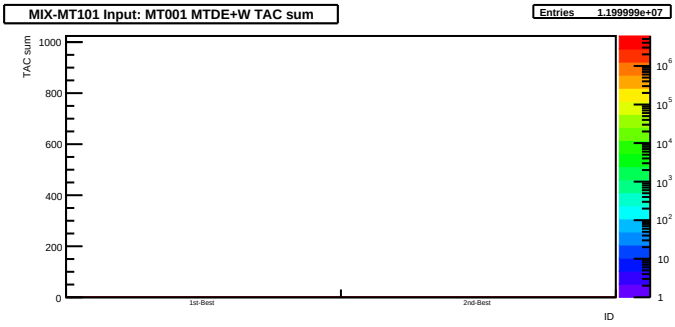

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

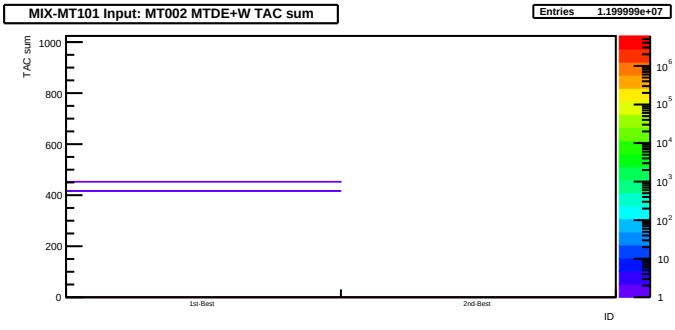

MXQ-MT001
Entries 1.919999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

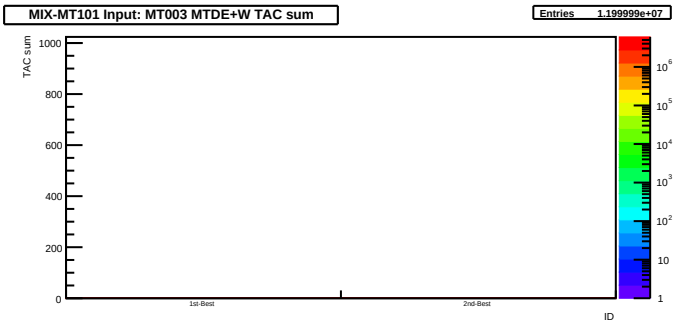

MXQ-MT002
Entries 1.919999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

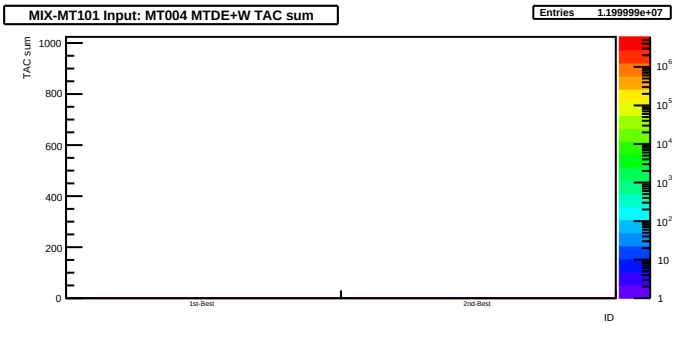

MXQ-MT003
Entries 1.919999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

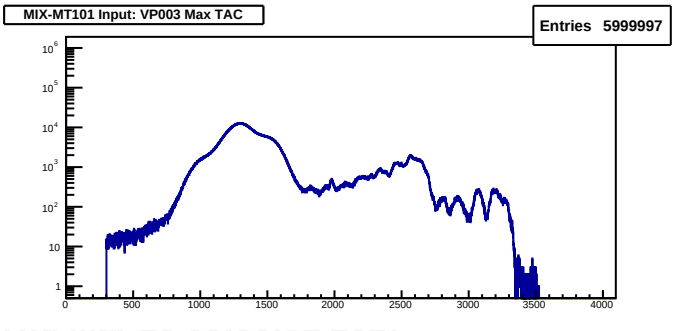

MXQ-MT004
Entries 1.919999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

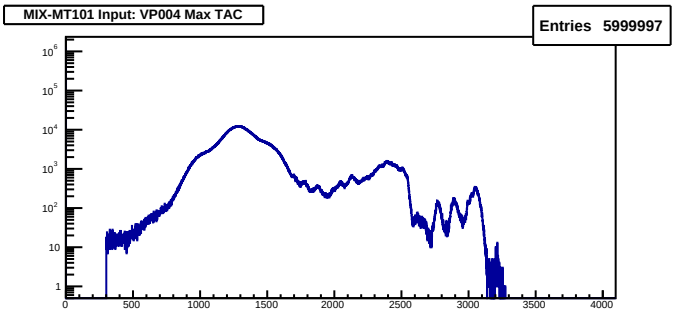

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.199999e+07
TAC sum
1st-Best
2nd-Best
ID

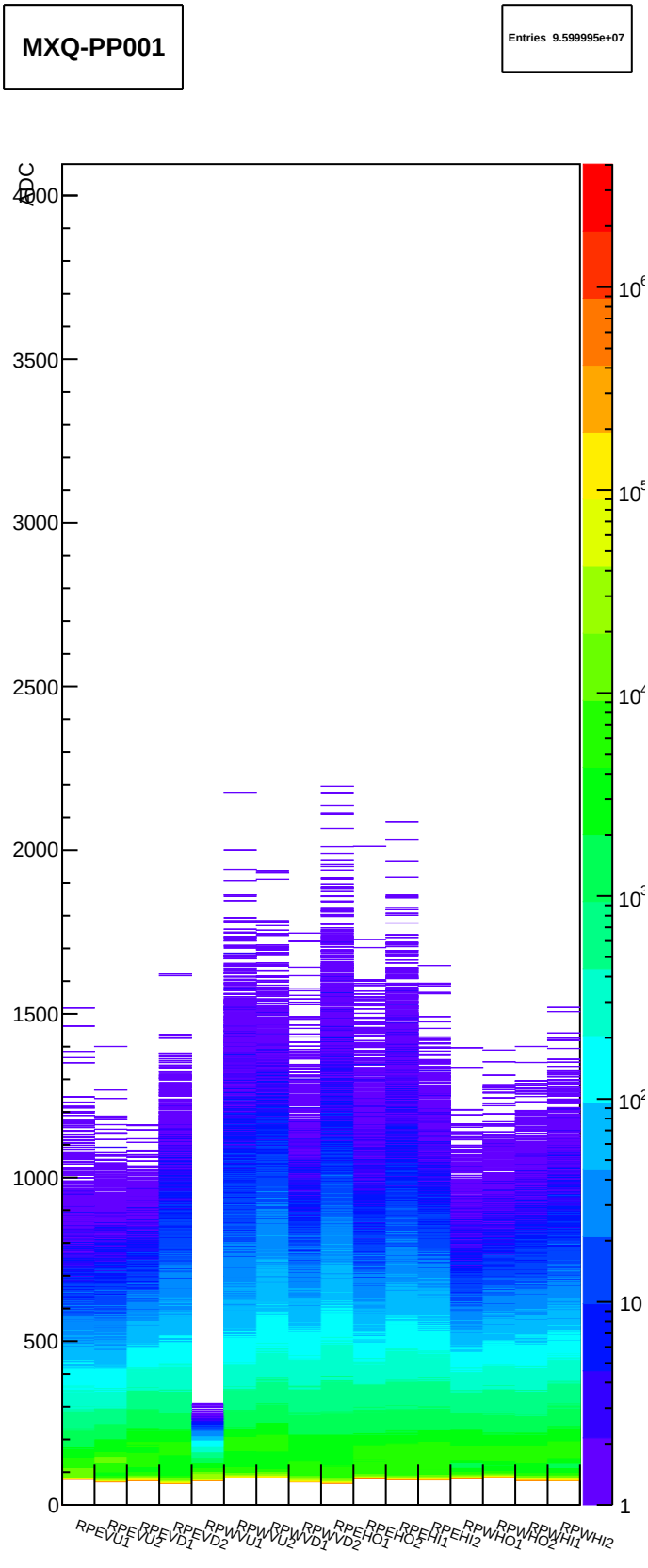

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.199999e+07
TAC sum
1st-Best
2nd-Best
ID

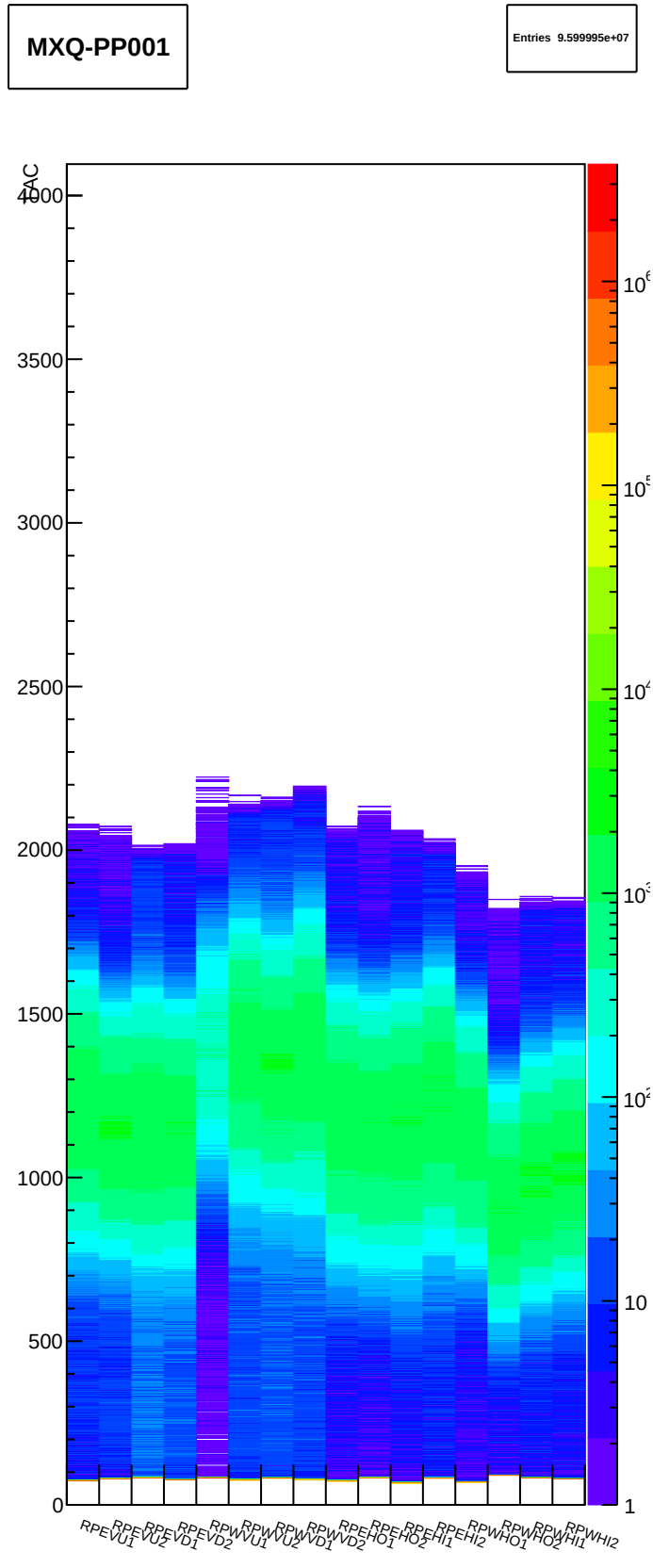

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.199999e+07
TAC sum
1st-Best
2nd-Best
ID

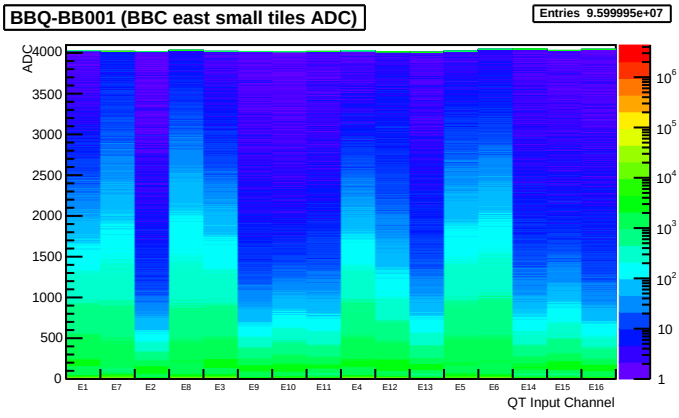

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.199999e+07
TAC sum
1st-Best
2nd-Best
ID

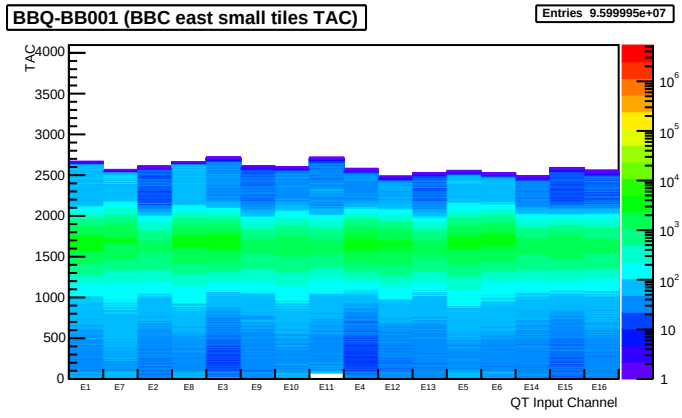

MIX-MT101 Input: VP003 Max TAC
Entries 5999997

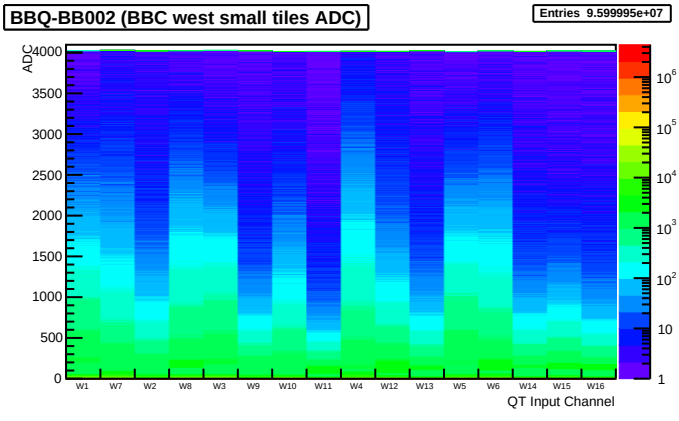

MIX-MT101 Input: VP004 Max TAC
Entries 5999997

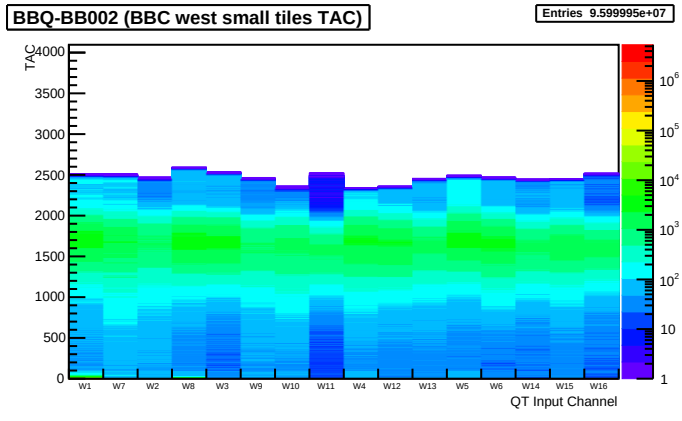

MXQ-PP001
Entries 9.599995e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

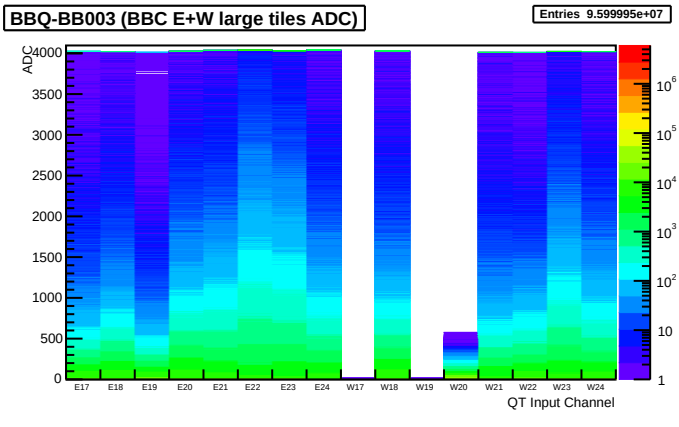

MXQ-PP001
Entries 9.599995e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

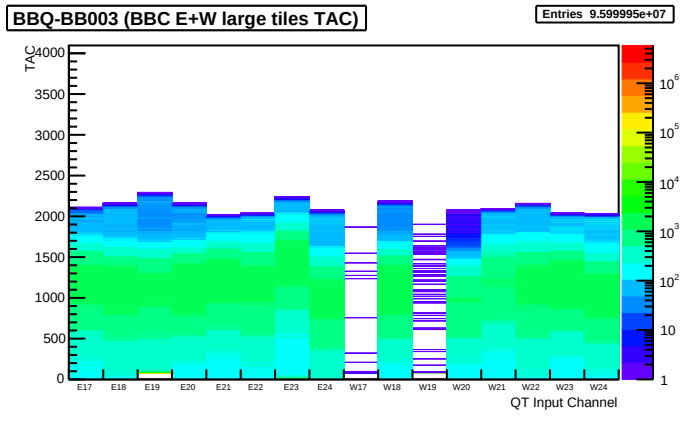

BBQ-BB001 (BBC east small tiles ADC)
Entries 9.599995e+07
ADC
QT Input Channel

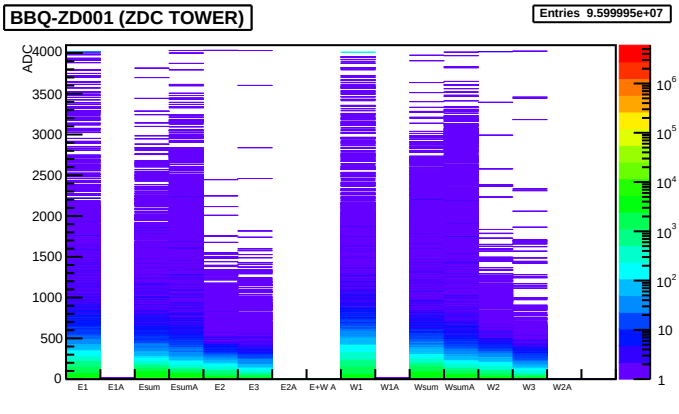

BBQ-BB001 (BBC east small tiles TAC)
Entries 9.599995e+07
TAC
QT Input Channel

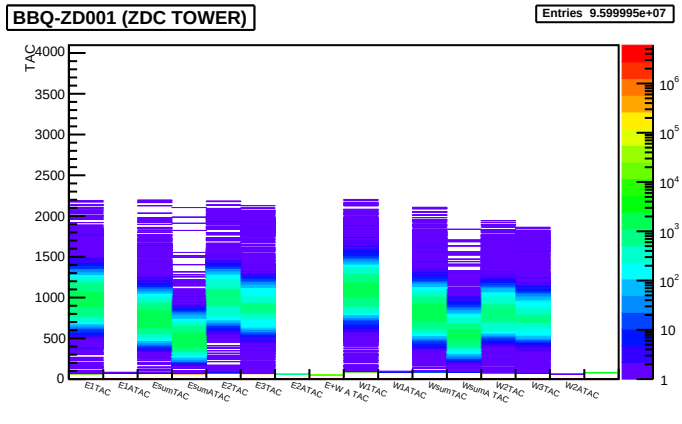

BBQ-BB002 (BBC west small tiles ADC)
Entries 9.599995e+07
ADC
QT Input Channel

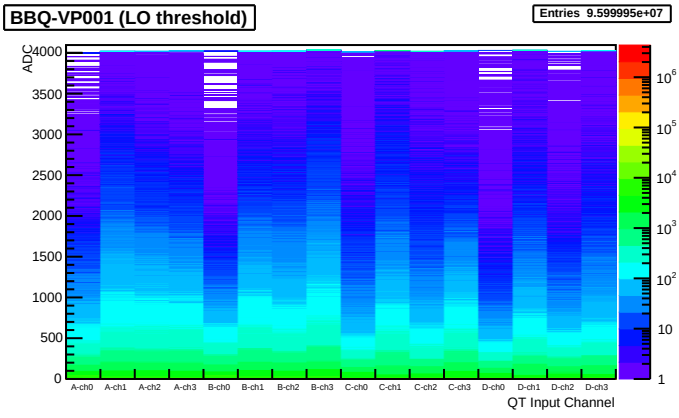

BBQ-BB002 (BBC west small tiles TAC)
Entries 9.599995e+07
TAC
QT Input Channel

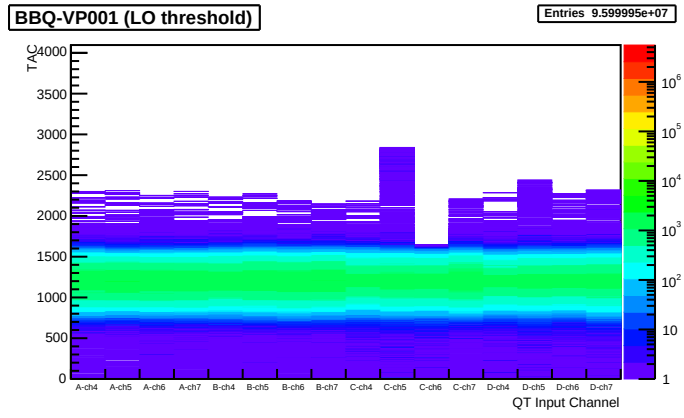

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.599995e+07
ADC
QT Input Channel

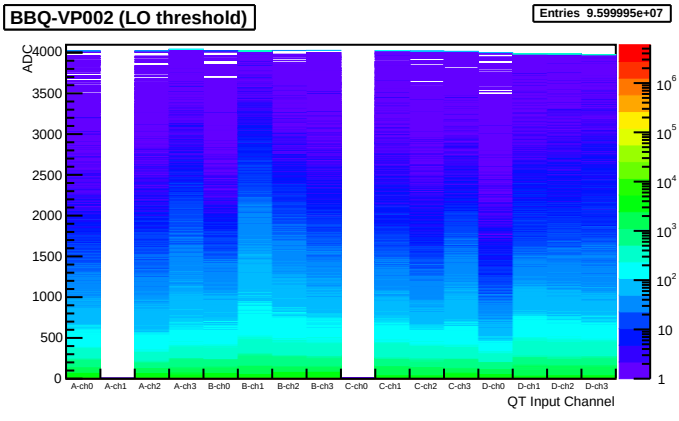

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.599995e+07
TAC
QT Input Channel

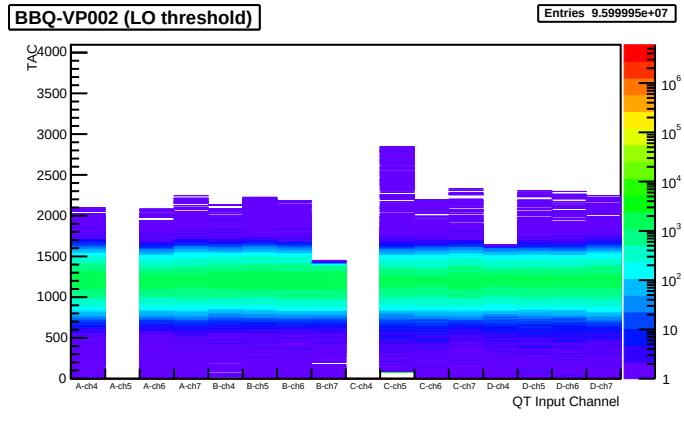

BBQ-ZD001 (ZDC TOWER)
Entries 9.599995e+07
ADC

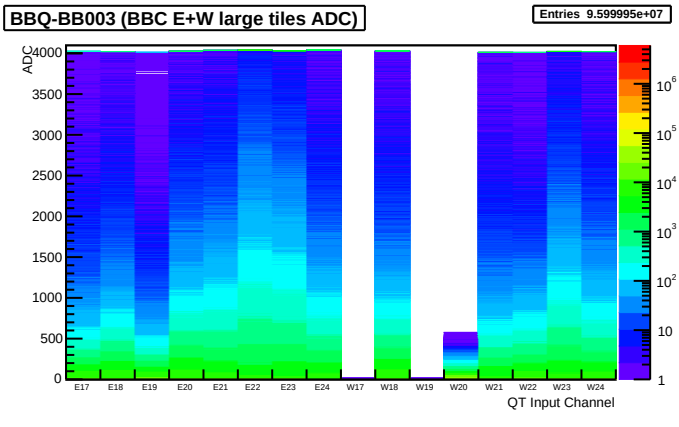

BBQ-ZD001 (ZDC TOWER)
Entries 9.599995e+07
TAC

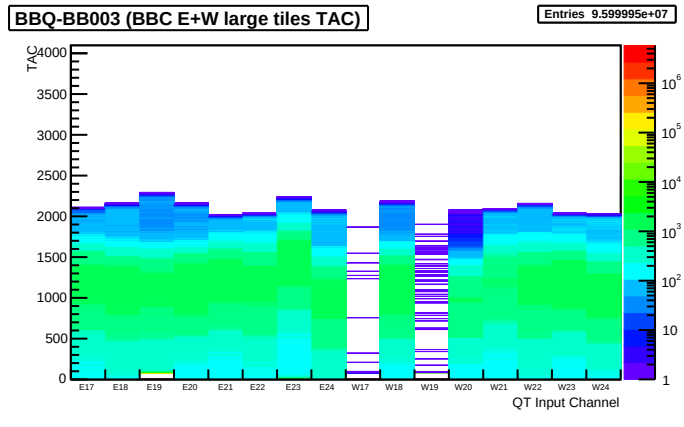

BBQ-VP001 (LO threshold)
Entries 9.599995e+07
ADC
QT Input Channel

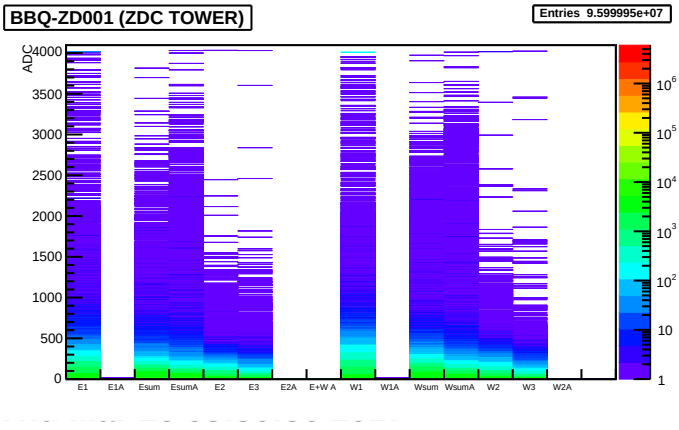

BBQ-VP001 (LO threshold)
Entries 9.599995e+07
TAC
QT Input Channel

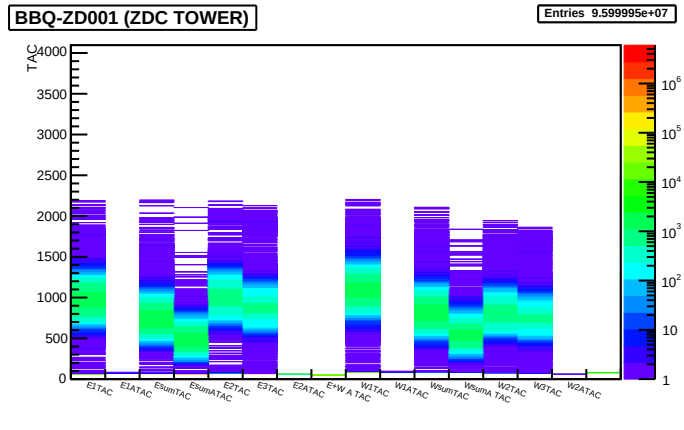

BBQ-VP002 (LO threshold)
Entries 9.599995e+07
ADC
QT Input Channel

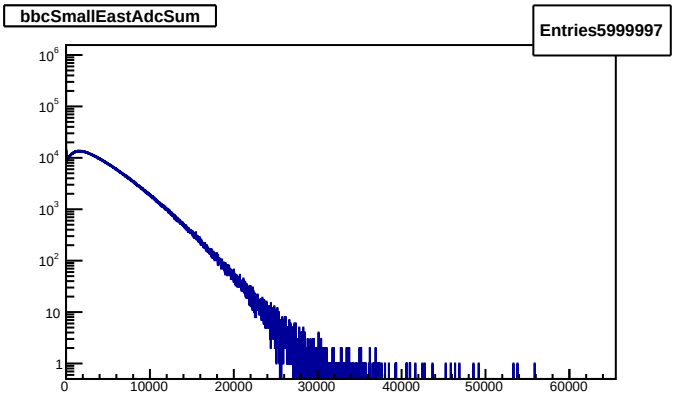

BBQ-VP002 (LO threshold)
Entries 9.599995e+07
TAC
QT Input Channel

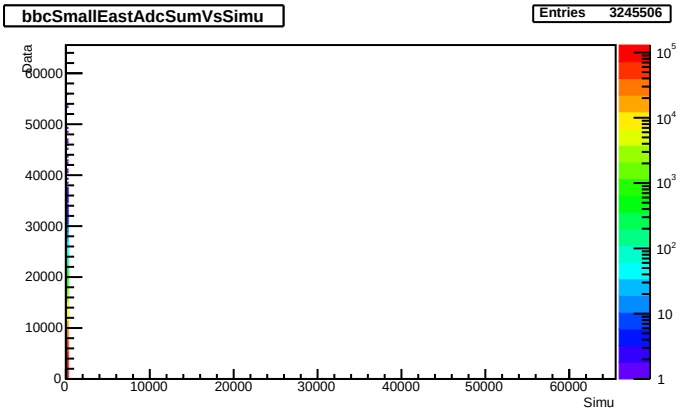

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.599995e+07
ADC
QT Input Channel

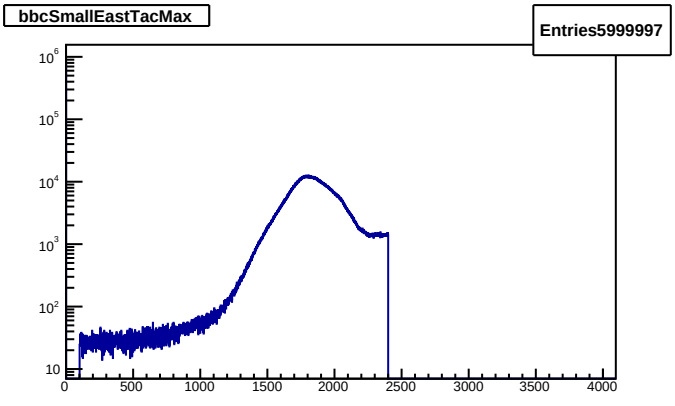

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.599995e+07
TAC
QT Input Channel

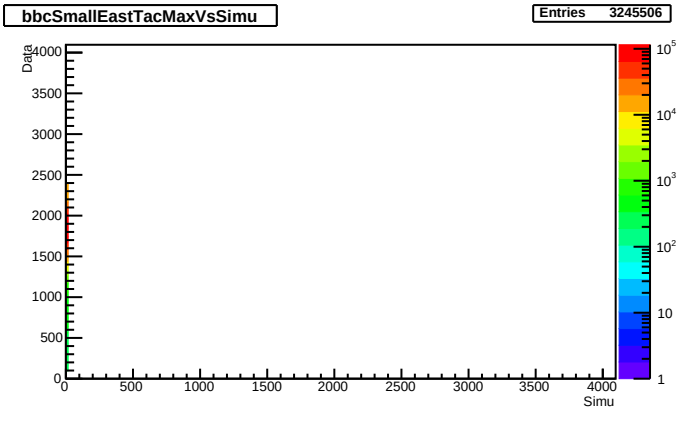

BBQ-ZD001 (ZDC TOWER)
Entries 9.599995e+07
ADC

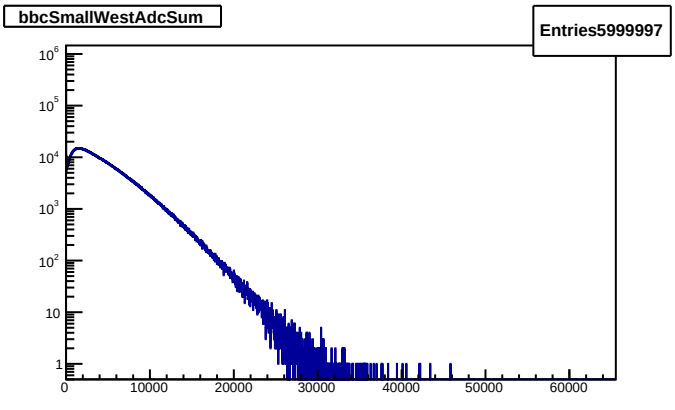

BBQ-ZD001 (ZDC TOWER)
Entries 9.599995e+07
TAC

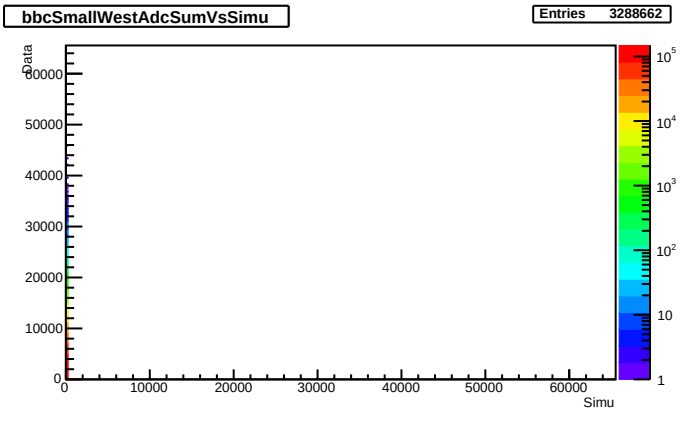

bbcSmallEastAdcSum
Entries5999997

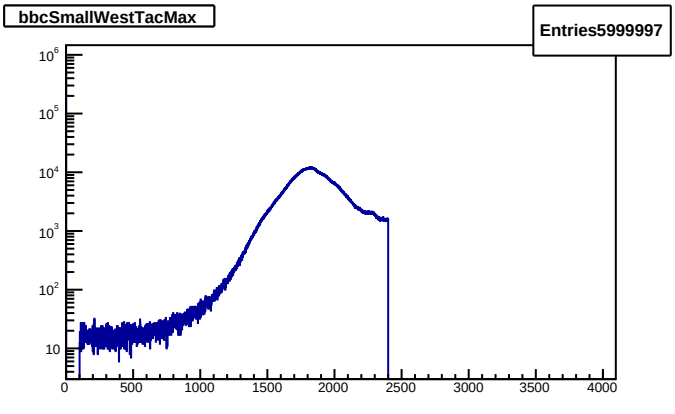

bbcSmallEastAdcSumVsSimu
Entries 3245506
Data
Simu

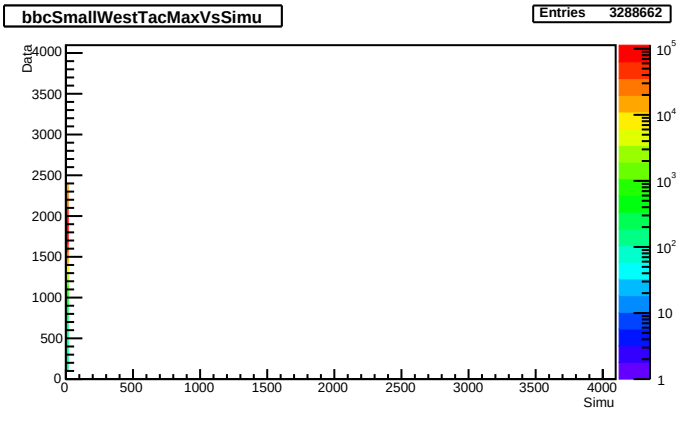

bbcSmallEastTacMax
Entries5999997

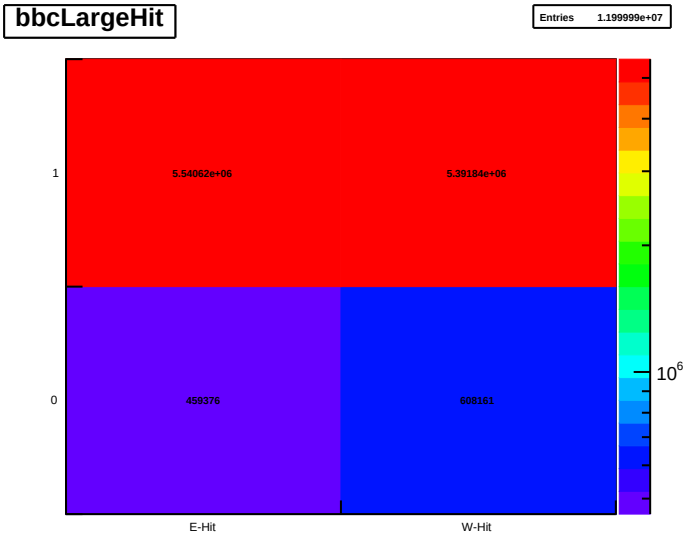

bbcSmallEastTacMaxVsSimu
Entries 3245506
Data
Simu

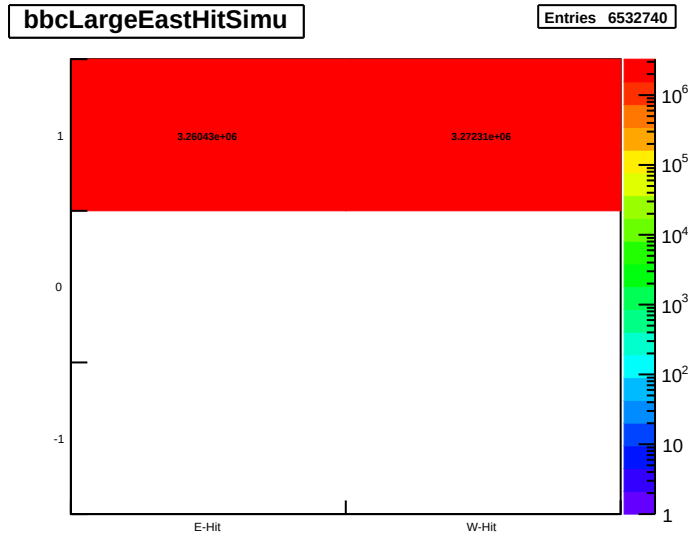

bbcSmallWestAdcSum
Entries5999997

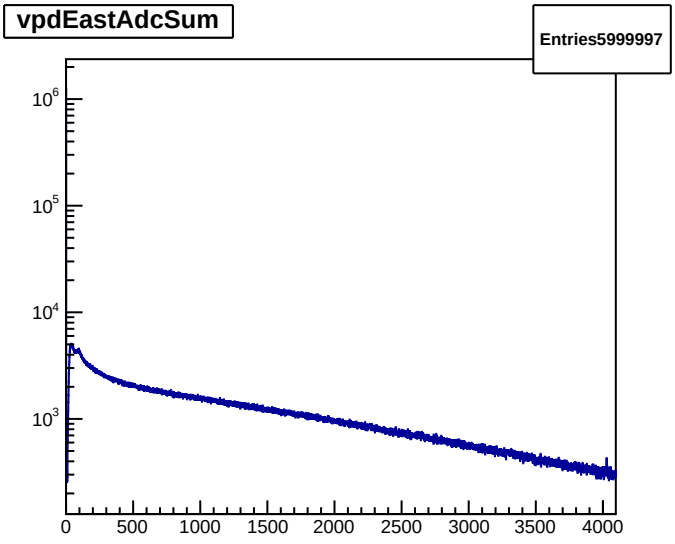

bbcSmallWestAdcSumVsSimu
Entries 3288662
Data
Simu

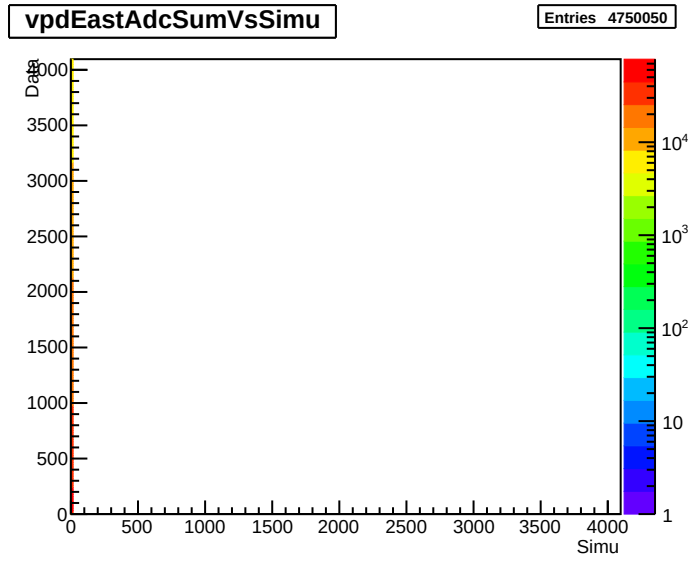

bbcSmallWestTacMax
Entries5999997

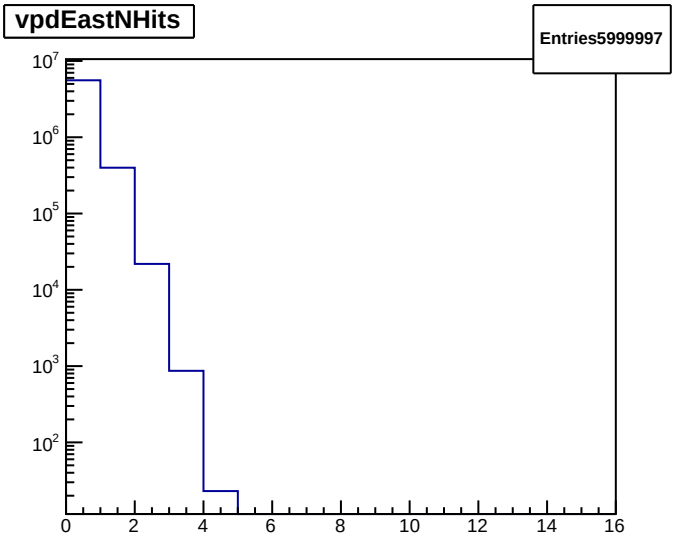

bbcSmallWestTacMaxVsSimu
Entries 3288662
Data
Simu

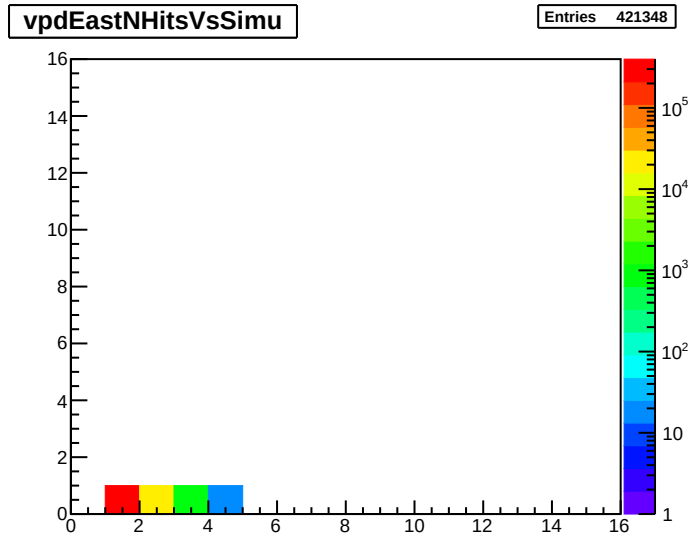

bbcLargeHit
Entries 1.199999e+07
1
0
5.54062e+06
5.39184e+06
459376
608161
E-Hit
W-Hit
10^6

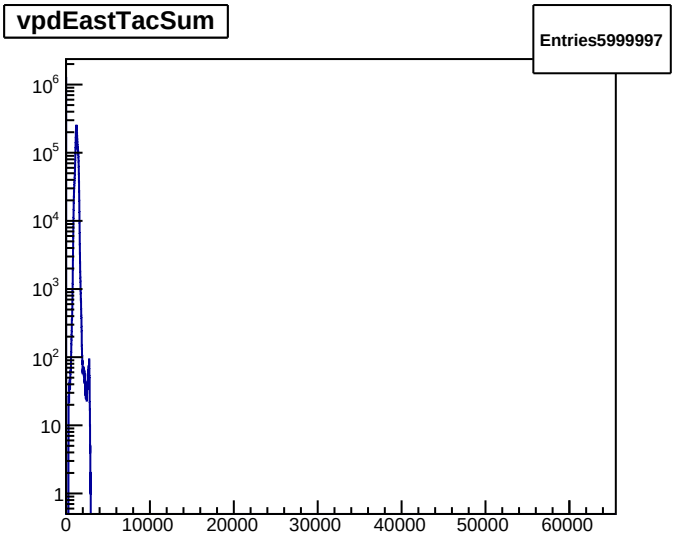

bbcLargeEastHitSimu
Entries 6532740
1
0
-1
3.26043e+06
3.27231e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

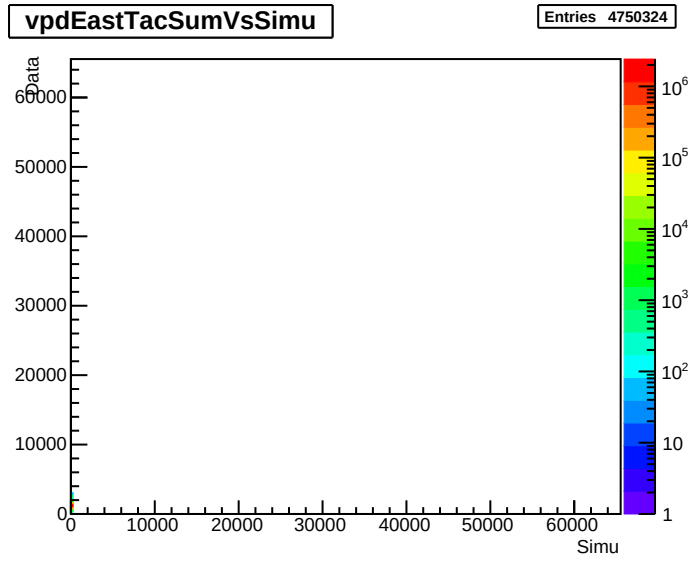

vpdEastAdcSum
Entries5999997

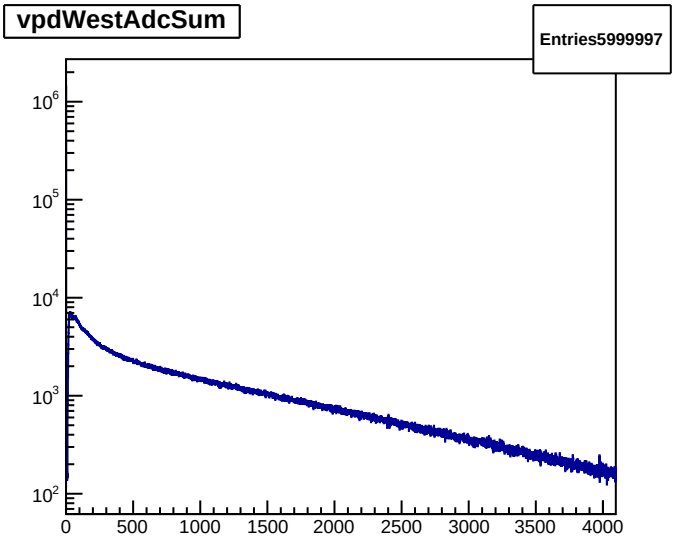

vpdEastAdcSumVsSimu
Entries 4750050
Data
Simu

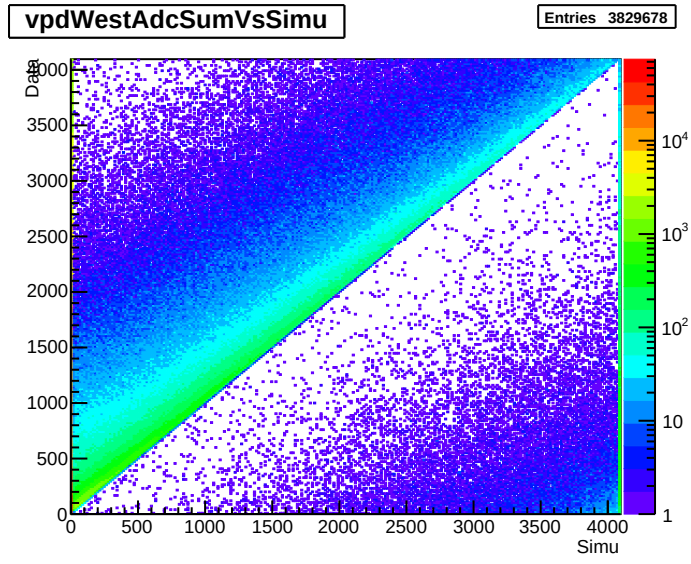

vpdEastNHits
Entries5999997

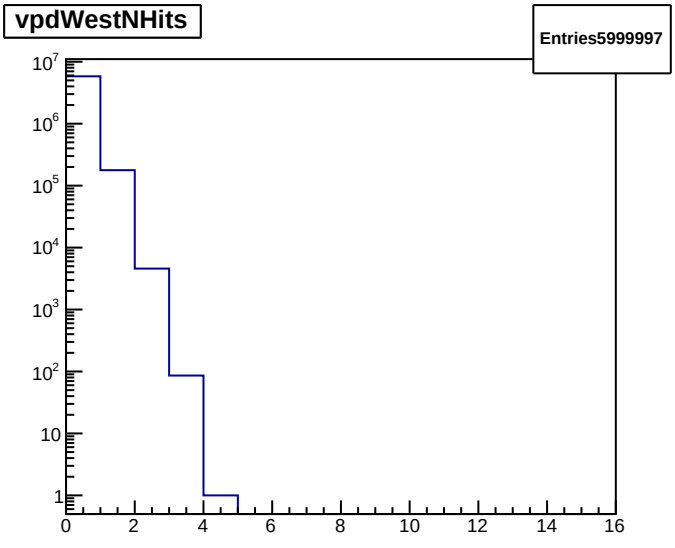

vpdEastNHitsVsSimu
Entries 421348

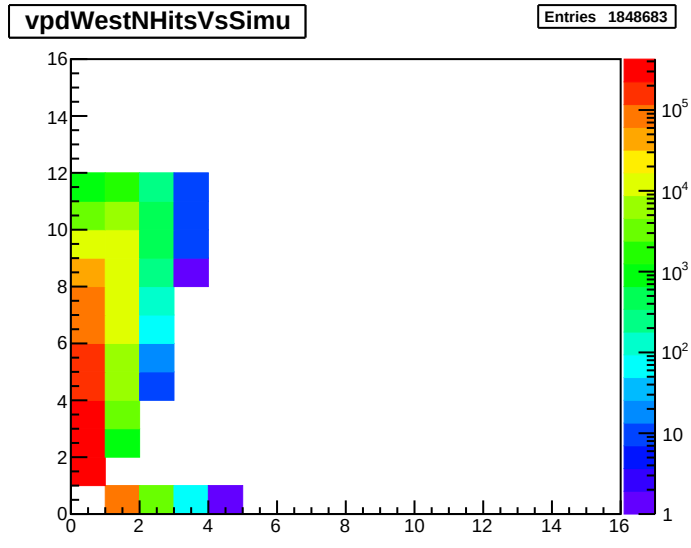

vpdEastTacSum
Entries5999997

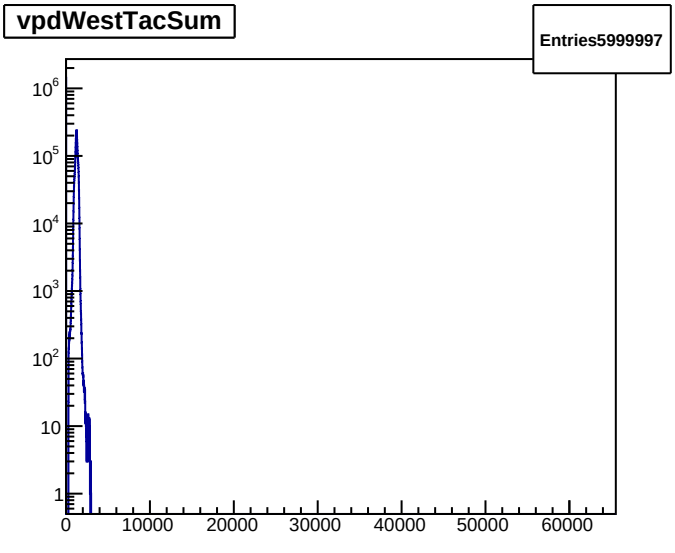

vpdEastTacSumVsSimu
Entries 4750324
Data
Simu

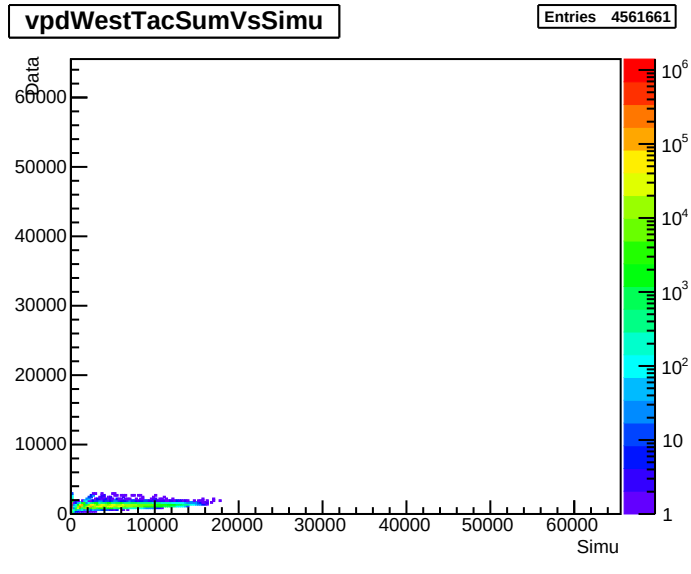

vpdWestAdcSum
Entries5999997

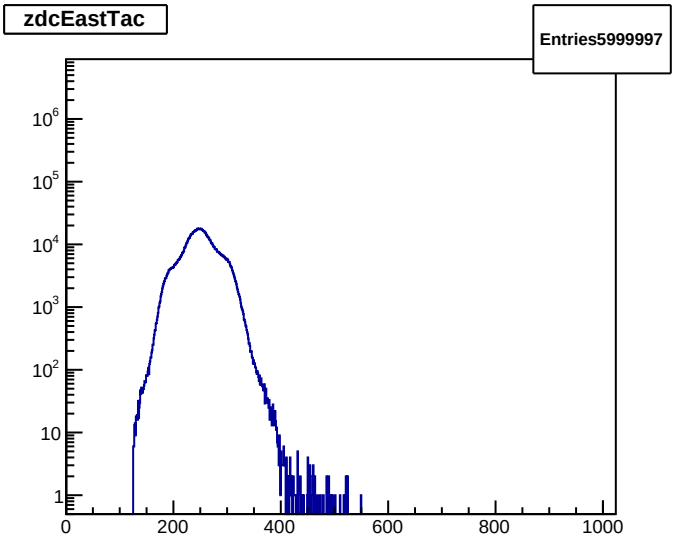

vpdWestAdcSumVsSimu
Entries 3829678
Data
Simu

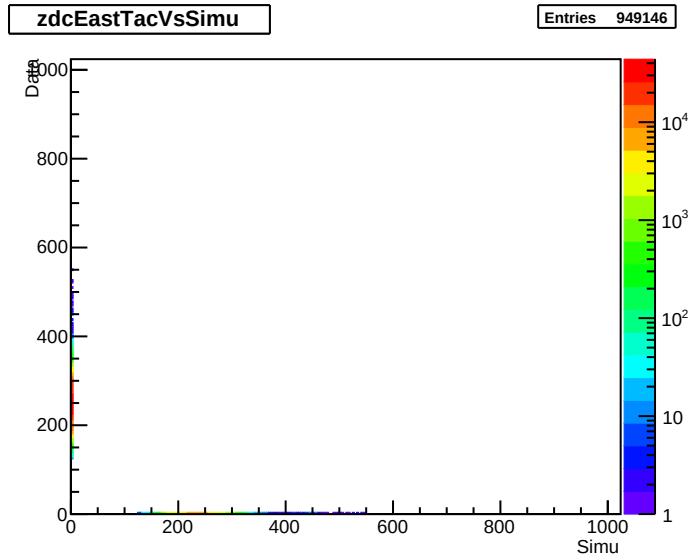

vpdWestNHits
Entries5999997

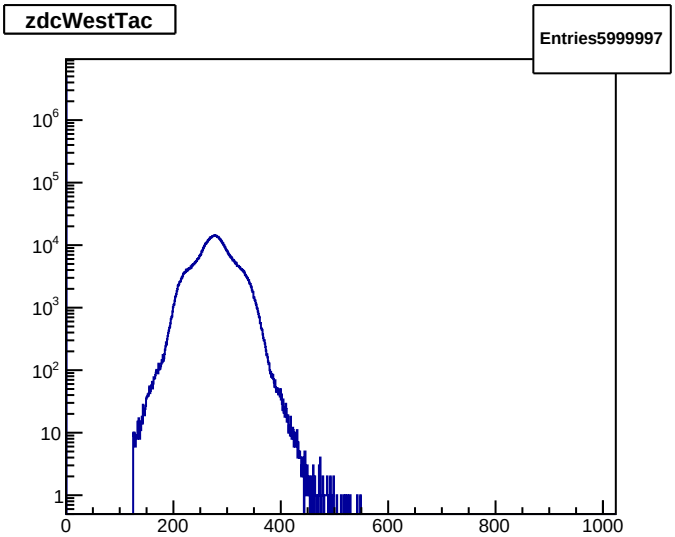

vpdWestNHitsVsSimu
Entries 1848683

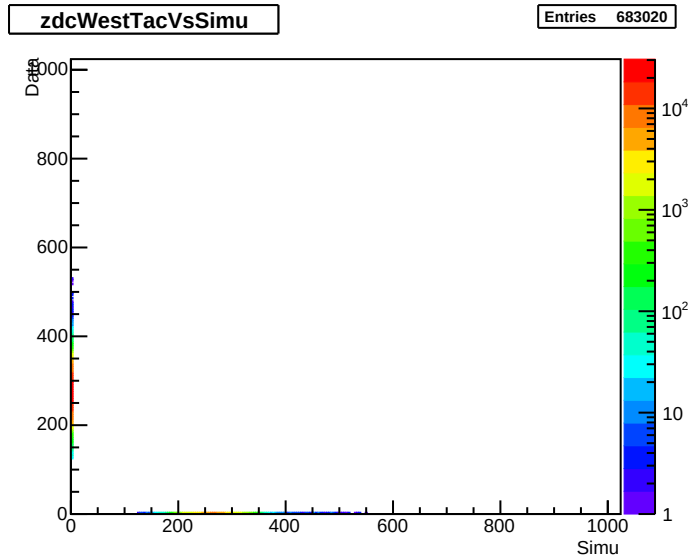

vpdWestTacSum
Entries5999997

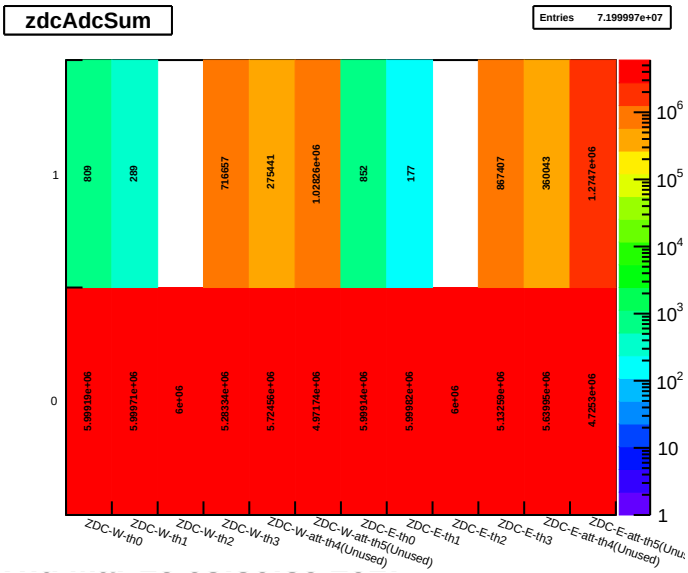

vpdWestTacSumVsSimu
Entries 4561661
Data
Simu

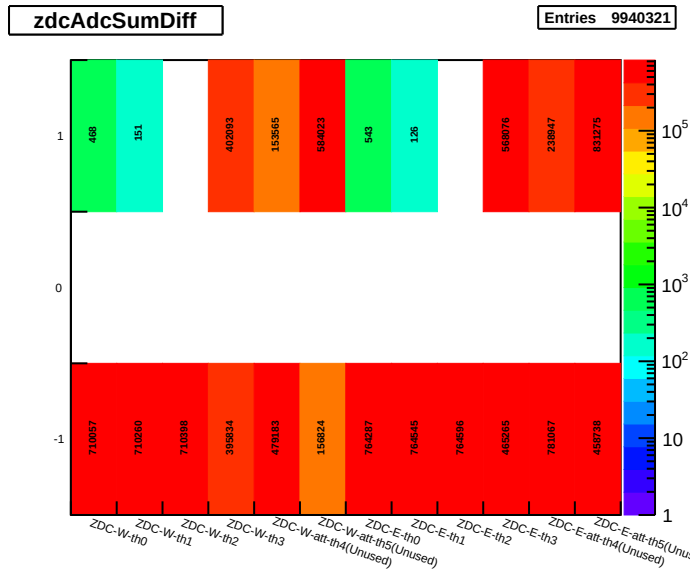

zdcEastTac
Entries5999997

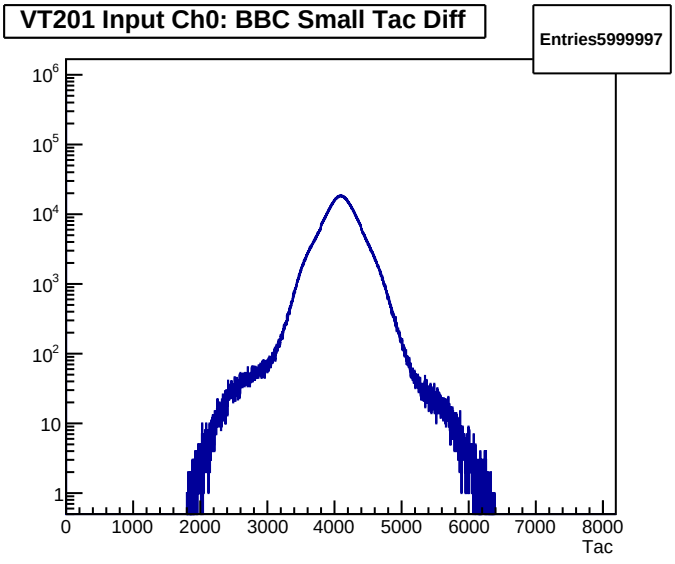

zdcEastTacVsSimu
Entries 949146
Data
Simu

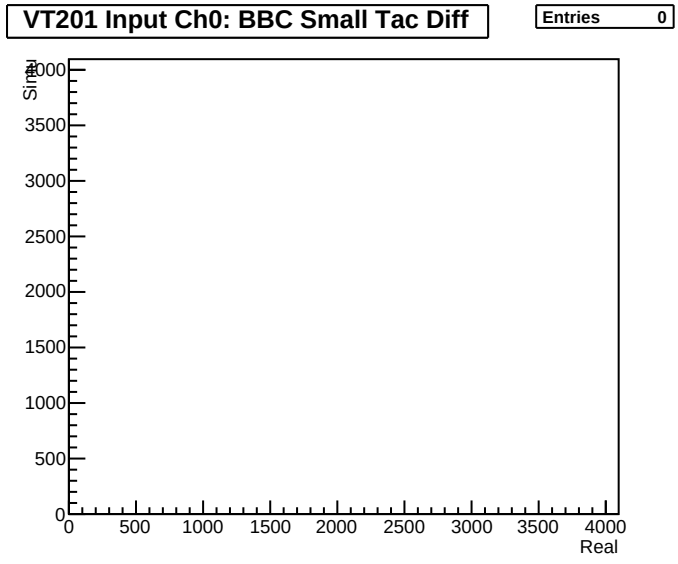

zdcWestTac
Entries5999997

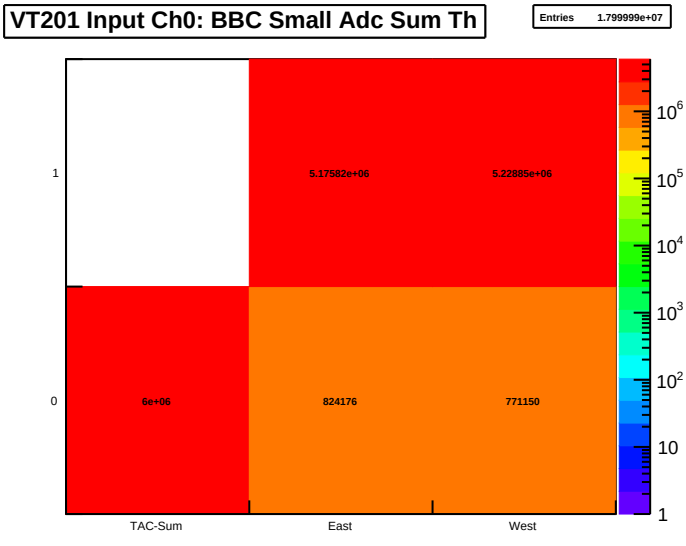

zdcWestTacVsSimu
Entries 683020
Data
Simu

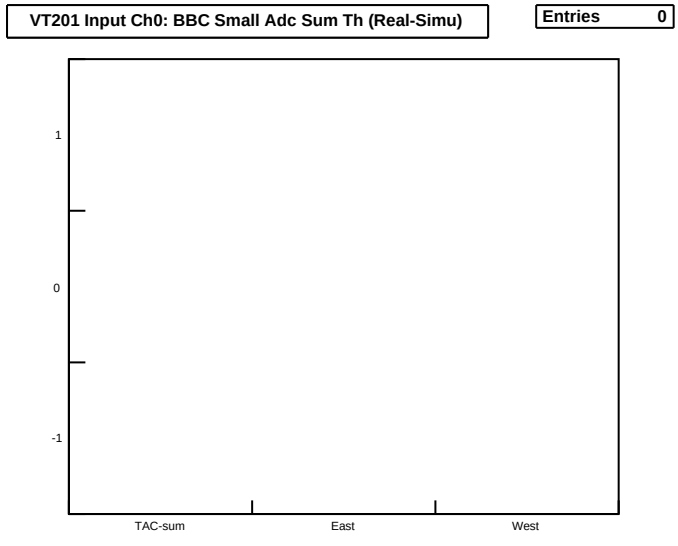

zdcAdcSum
Entries 7.199997e+07
809
289
716657
275441
1.02826e+06
852
177
867407
360043
1.2747e+06
5.99918e+06
5.99971e+06
6e+06
5.28334e+06
5.72456e+06
4.97174e+06
5.99914e+06
5.99982e+06
6e+06
5.13258e+06
5.63995e+06
4.7253e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

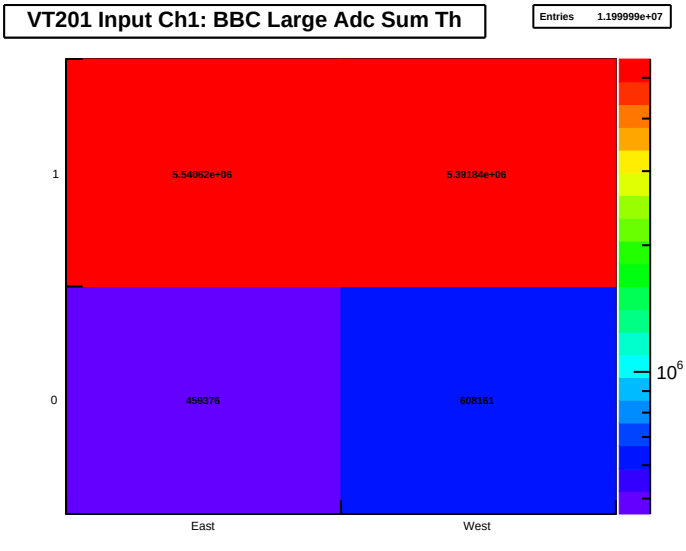

zdcAdcSumDiff
Entries 9940321
468
151
402093
153565
534023
543
126
568076
238947
831275
710057
710260
710398
395834
479183
158824
764287
766545
764596
465265
781067
459738
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

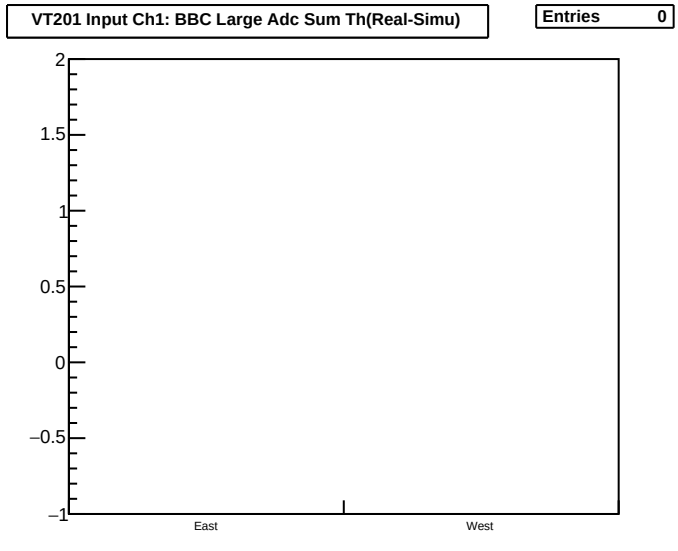

VT201 Input Ch0: BBC Small Tac Diff
Entries5999997
Tac


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

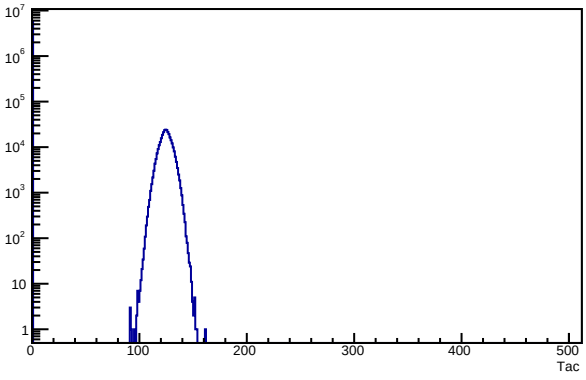

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.799999e+07
5.17582e+06
5.22885e+06
6e+06
824176
771150
TAC-Sum
East
West


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

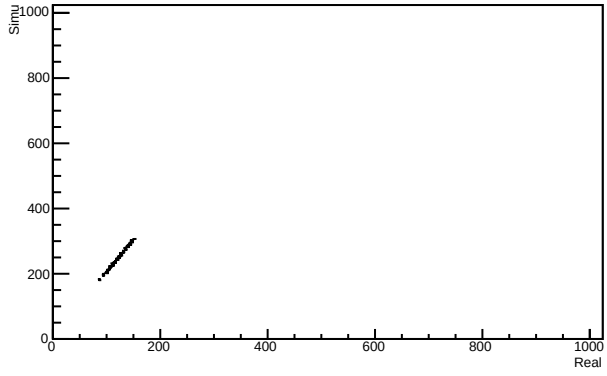

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.199999e+07
5.54062e+06
5.39184e+06
459376
608161
East
West


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

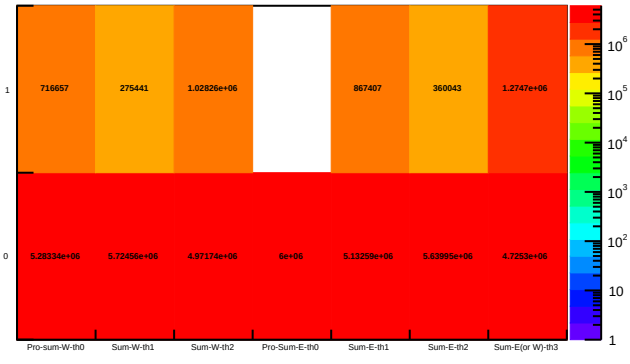
VT201 Input Ch2: ZDC Tac Diff



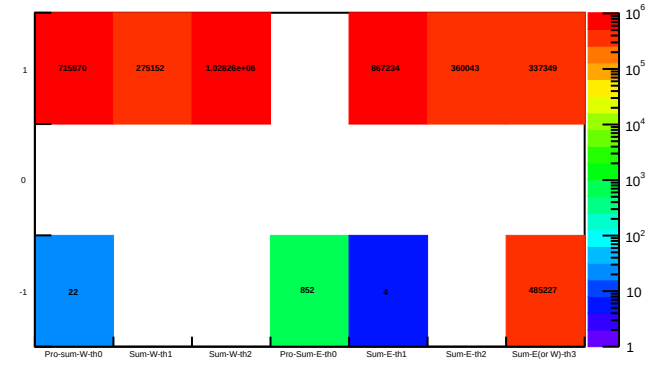
VT201 Input Ch2: ZDC Tac Diff



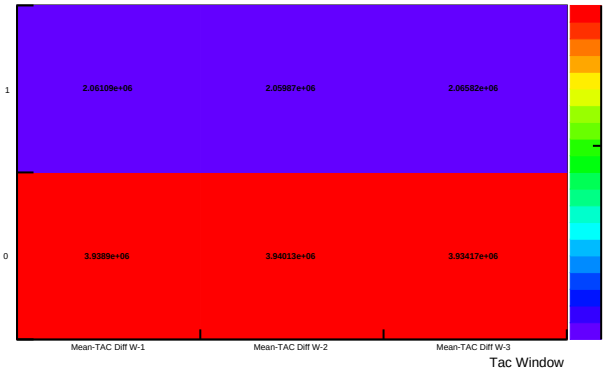
VT201 Input Ch2: ZDC Adc Sum Th



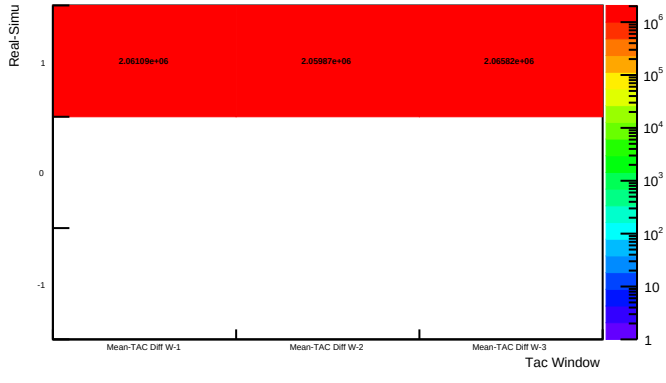
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



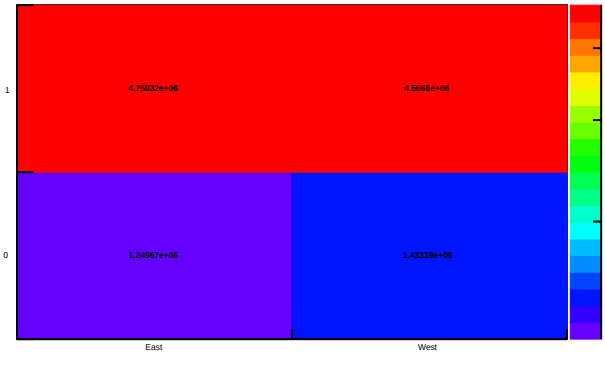
VT201 Input Ch4: VPD Tac Diff



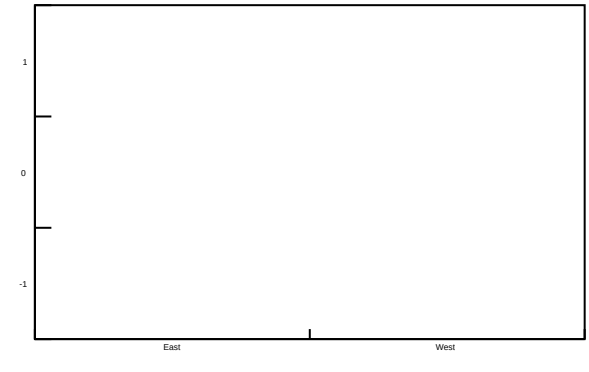
VT201 Input Ch4: VPD Tac Diff

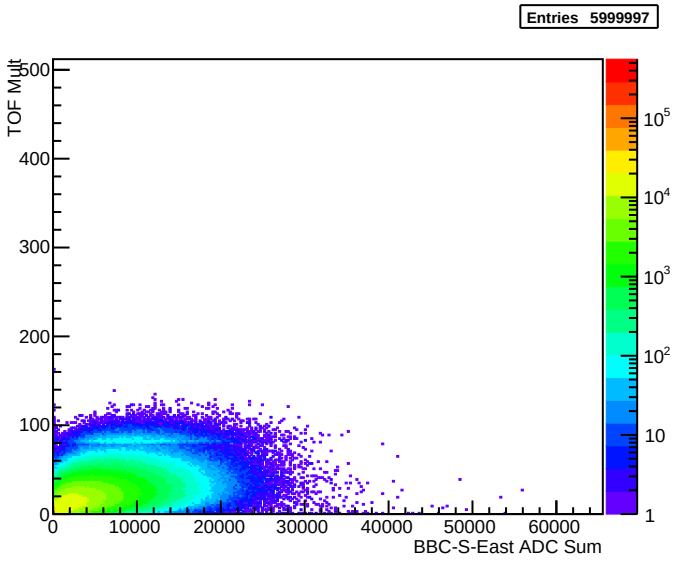


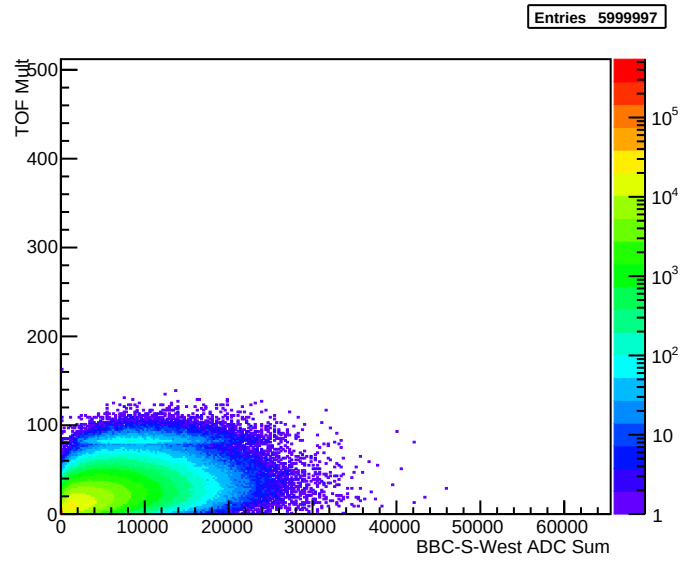
VT201 Input Ch4: VPD Adc Sum Th

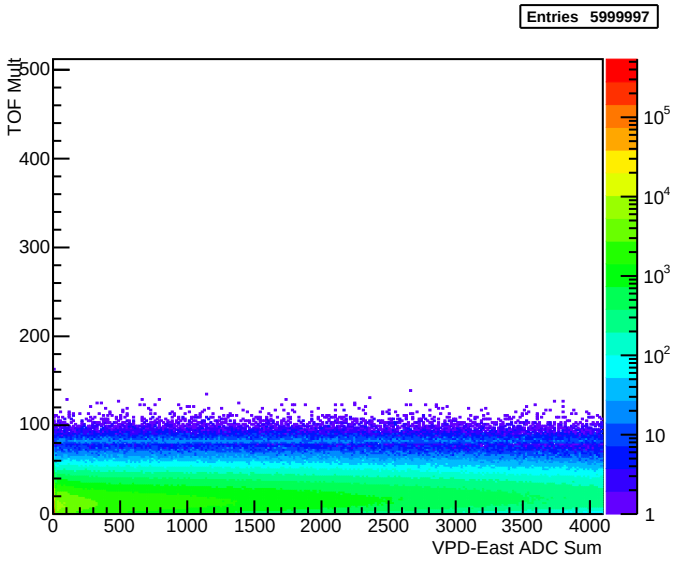


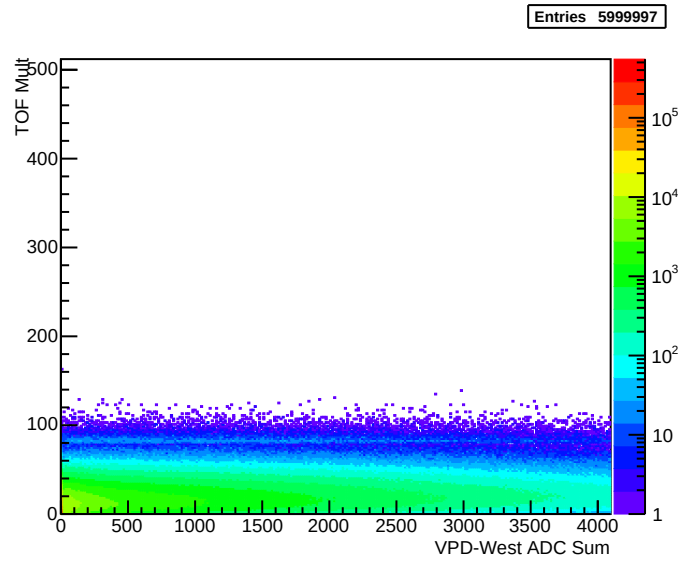
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

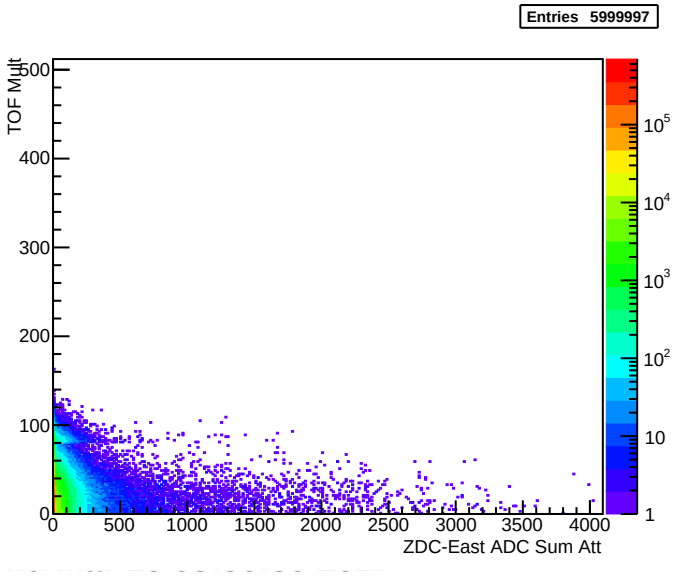


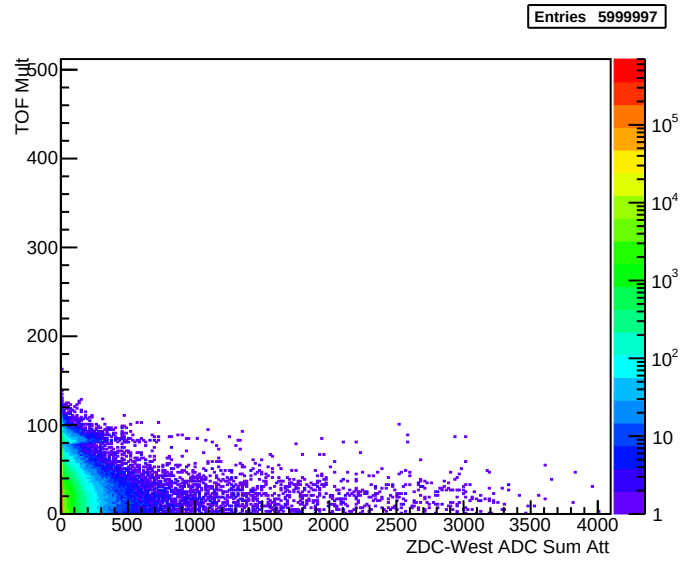

Entries 5999997
TOF Mult
BBC-S-East ADC Sum

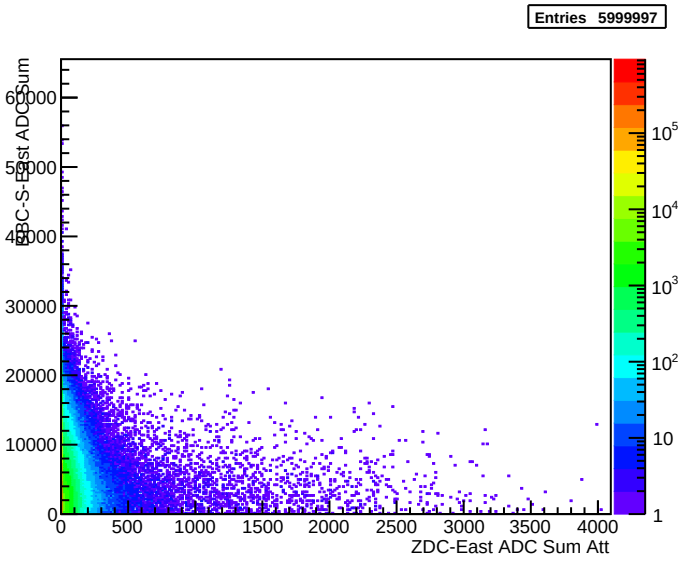

Entries 5999997
TOF Mult
BBC-S-West ADC Sum

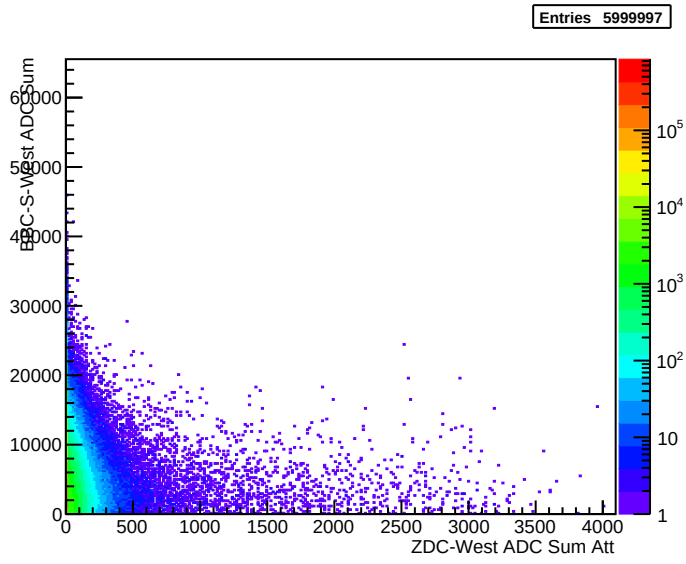

Entries 5999997
TOF Mult
VPD-East ADC Sum

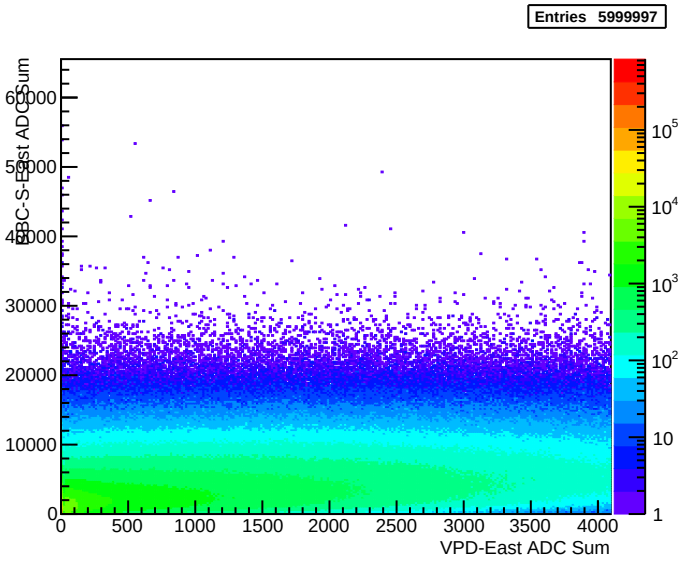

Entries 5999997
TOF Mult
VPD-West ADC Sum

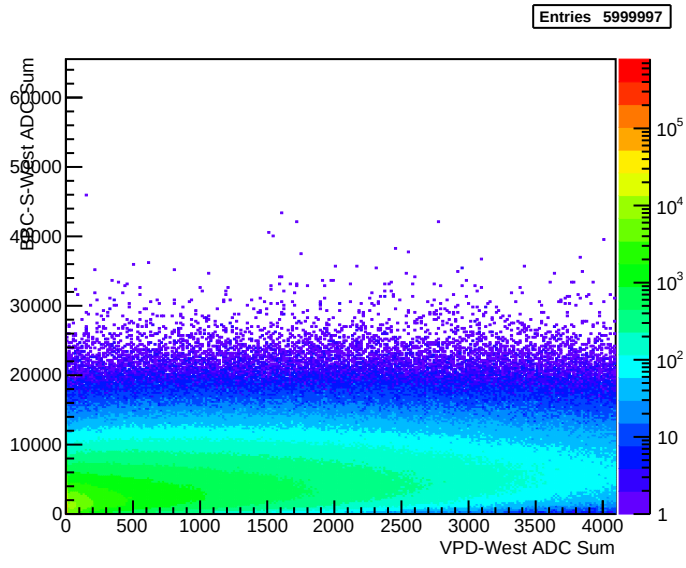

Entries 5999997
TOF Mult
ZDC-East ADC Sum Att

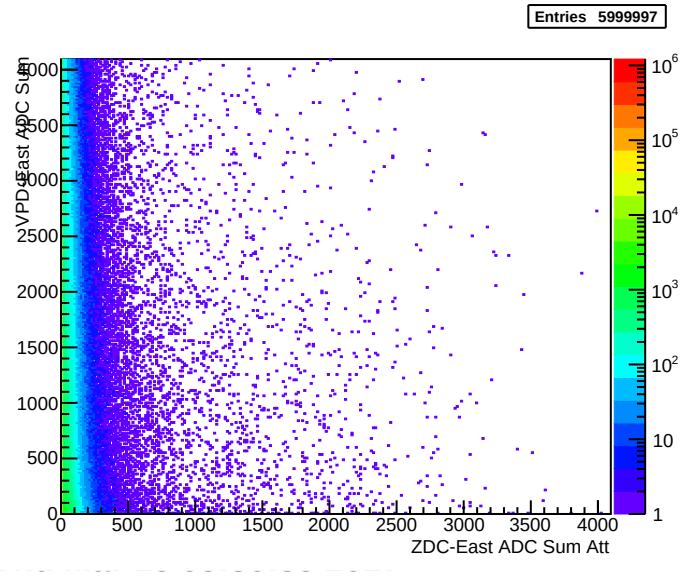

Entries 5999997
TOF Mult
ZDC-West ADC Sum Att

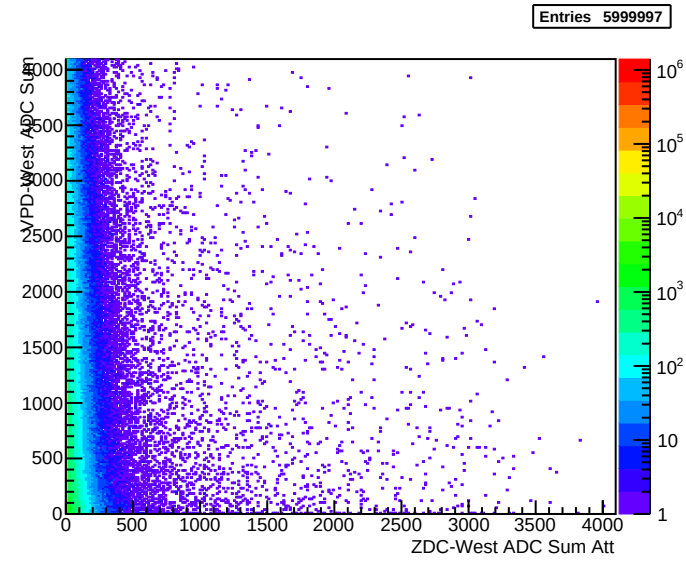

Entries 5999997
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

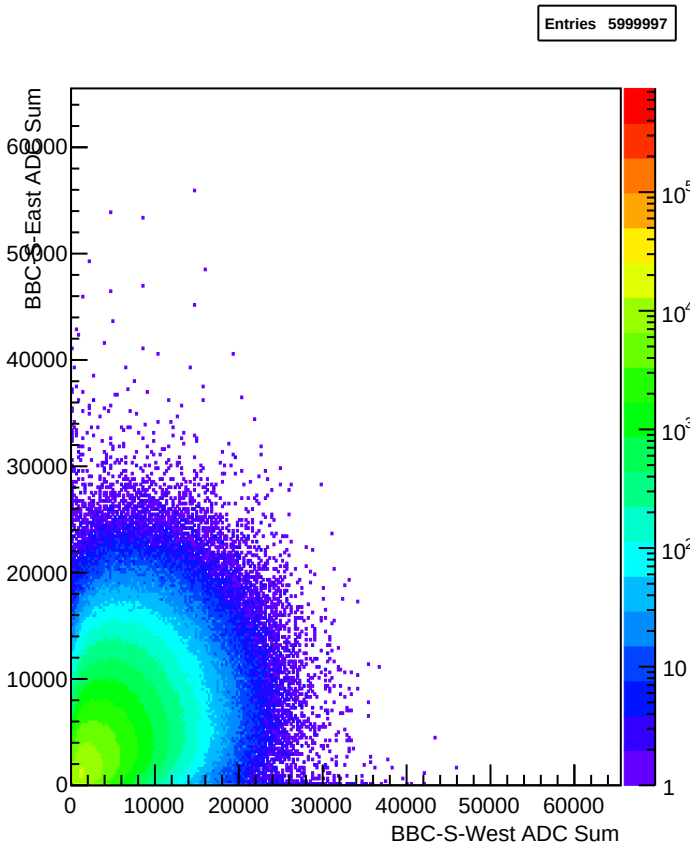

Entries 5999997
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

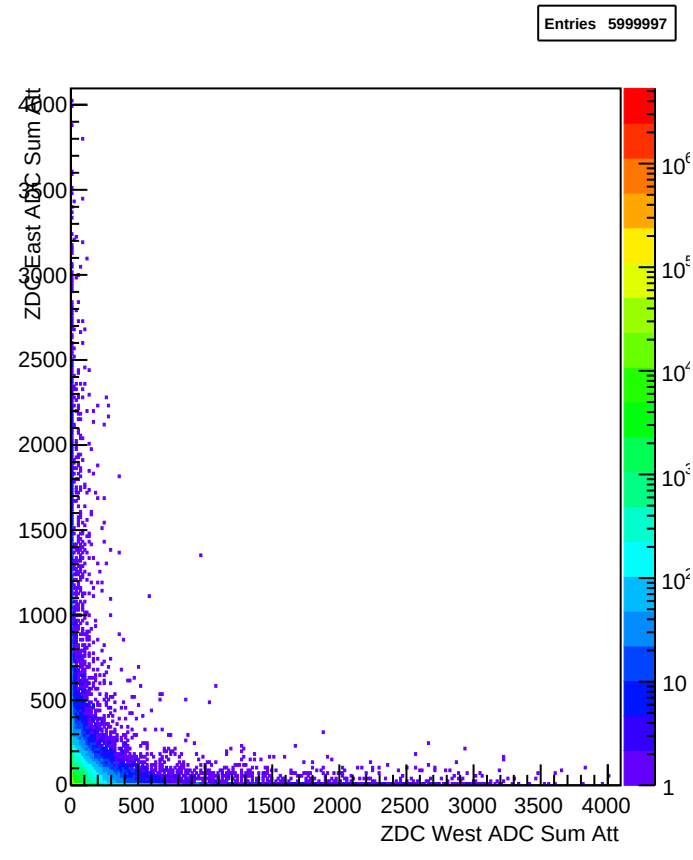

Entries 5999997
BBC-S-East ADC Sum
VPD-East ADC Sum

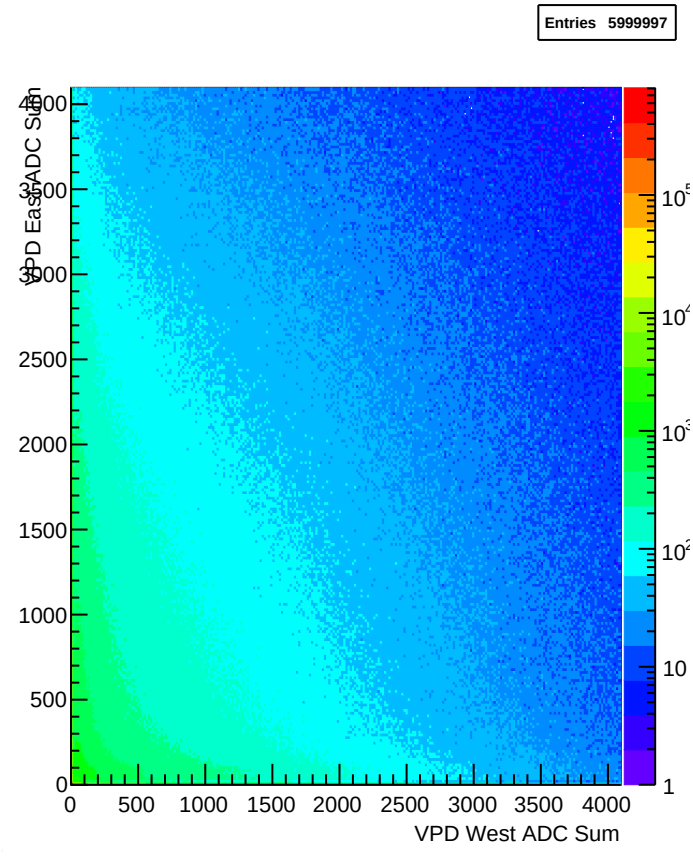

Entries 5999997
BBC-S-West ADC Sum
VPD-West ADC Sum

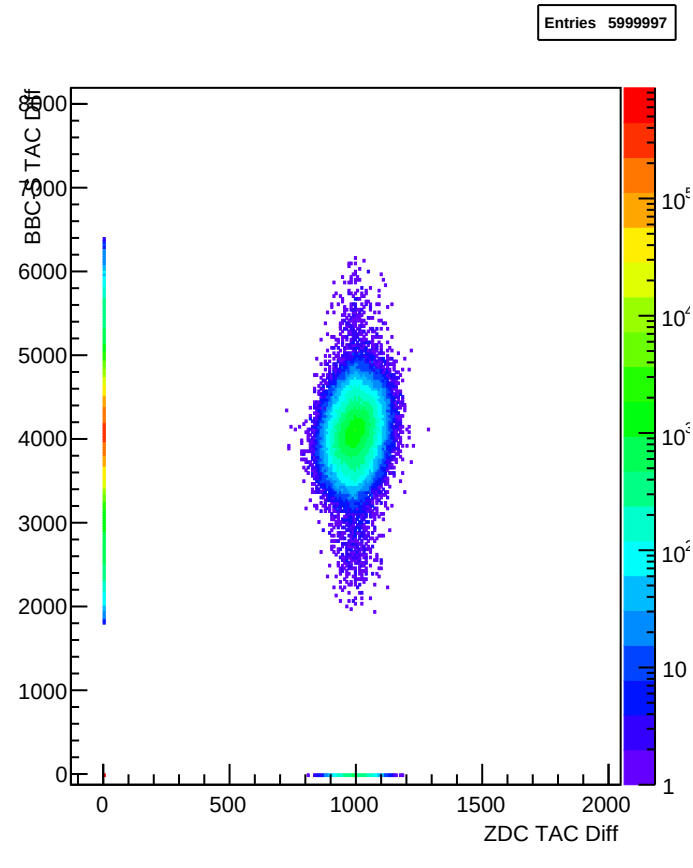

Entries 5999997
VPD-East ADC Sum
ZDC-East ADC Sum Att

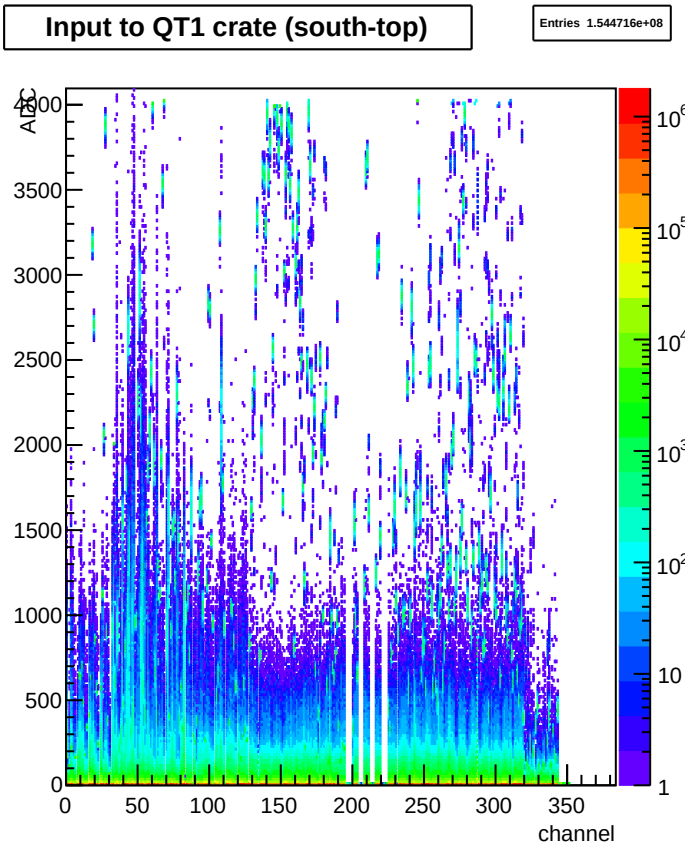

Entries 5999997
VPD-West ADC Sum
ZDC-West ADC Sum Att

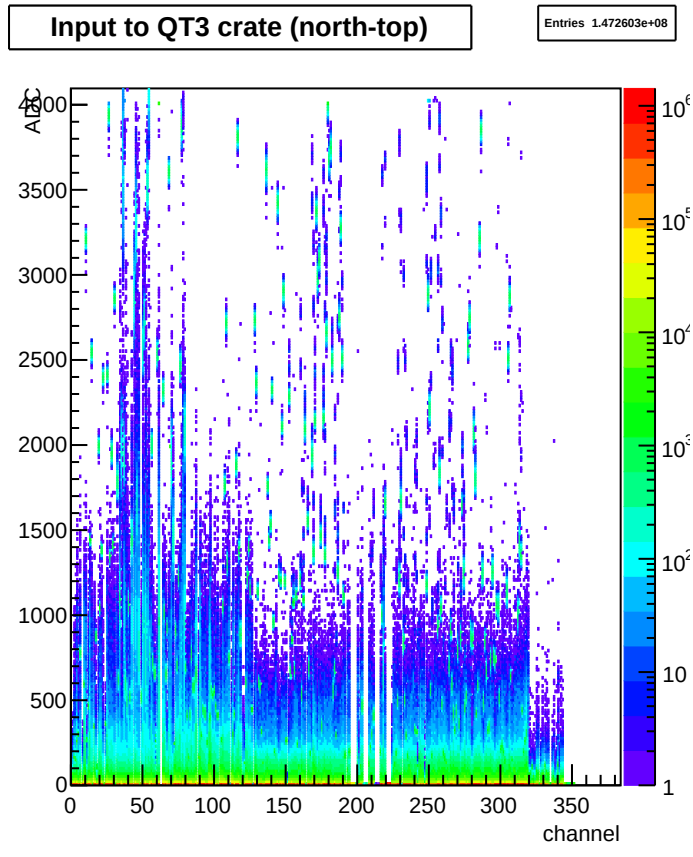

Entries 5999997
BBC-S-East ADC Sum
BBC-S-West ADC Sum

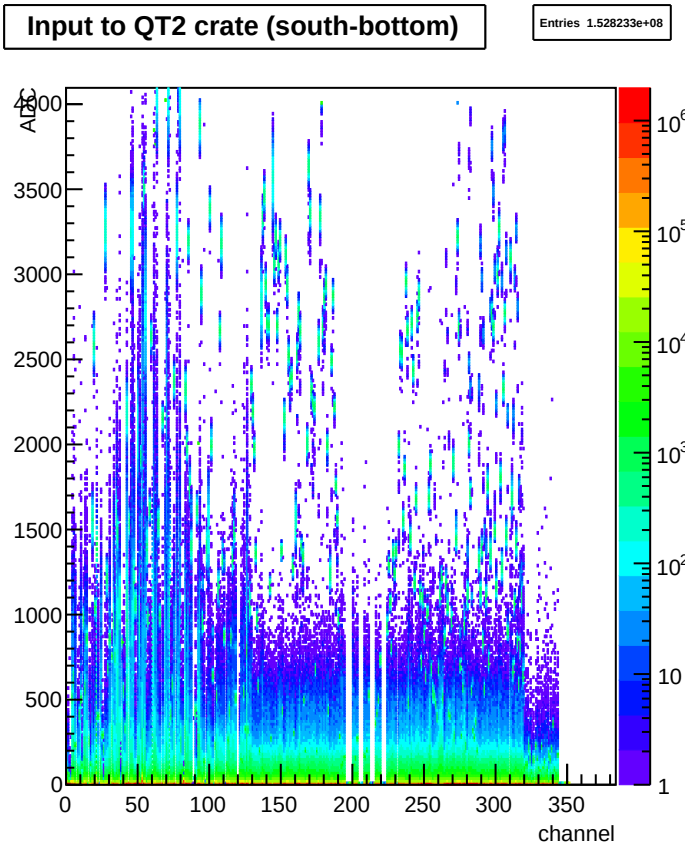

Entries 5999997
ZDC East ADC Sum Att
ZDC West ADC Sum Att

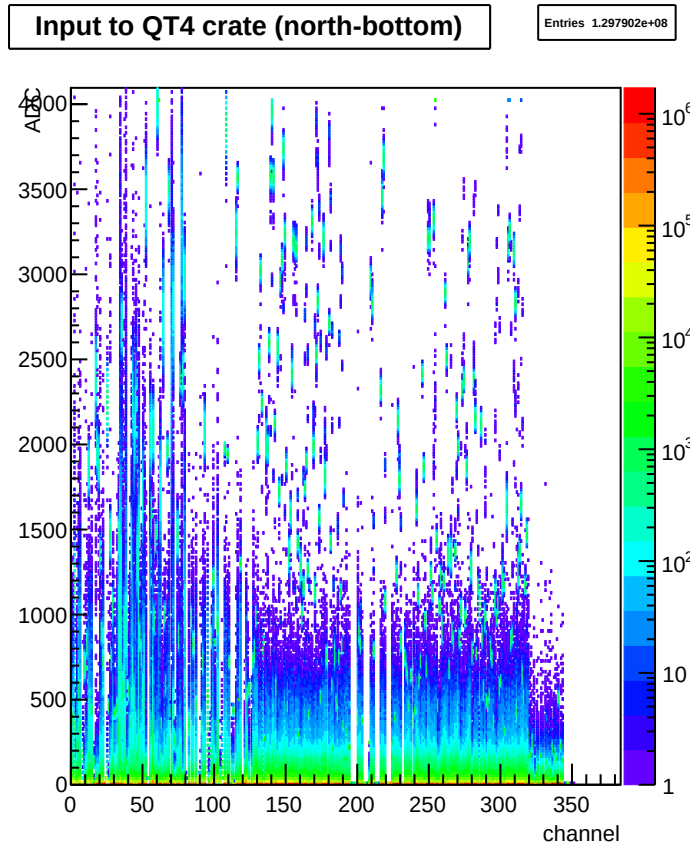

Entries 5999997
VPD East ADC Sum
VPD West ADC Sum

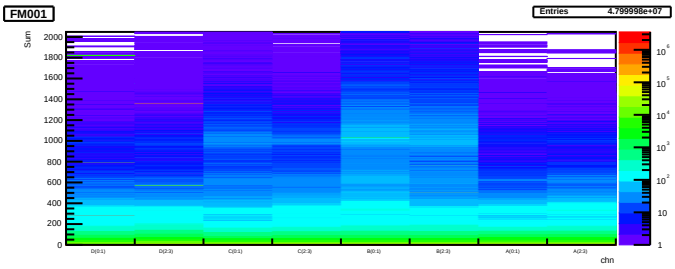

Entries 5999997
BBC-S TAC Diff
ZDC TAC Diff

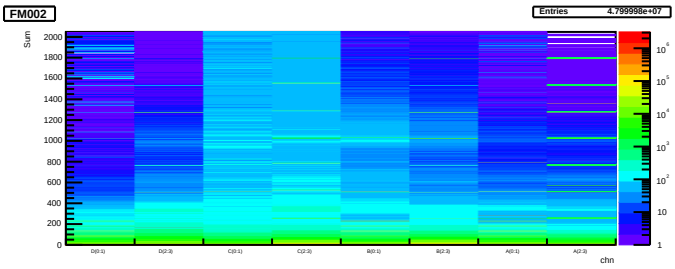

Input to QT1 crate (south-top)
Entries 1.544716e+08
ADC
channel

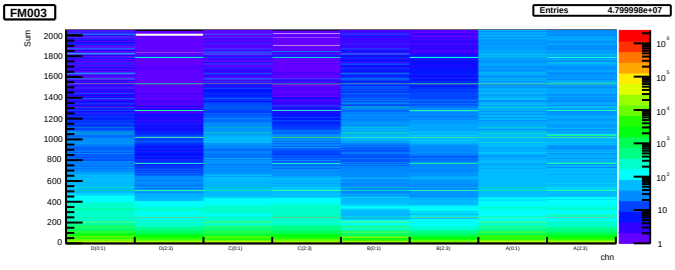

Input to QT3 crate (north-top)
Entries 1.472603e+08
ADC
channel

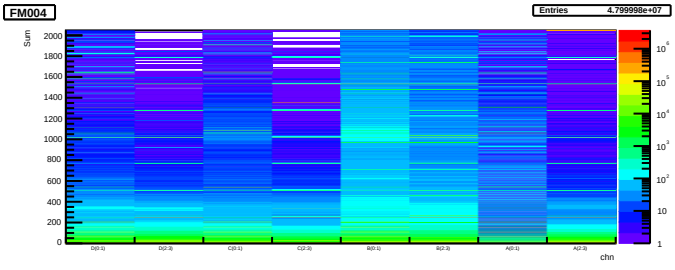

Input to QT2 crate (south-bottom)
Entries 1.528233e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.297902e+08
ADC
channel


FM001
Entries 4.799998e+07
Sum
chn


FM002
Entries 4.799998e+07
Sum
chn


FM003
Entries 4.799998e+07
Sum
chn


FM004
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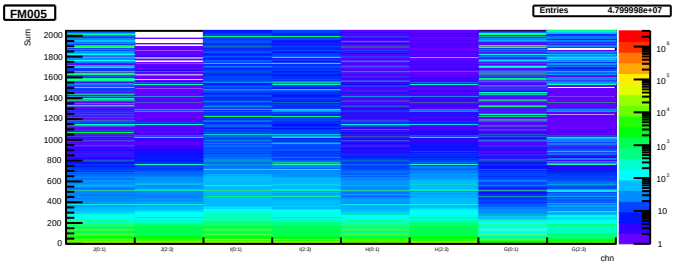
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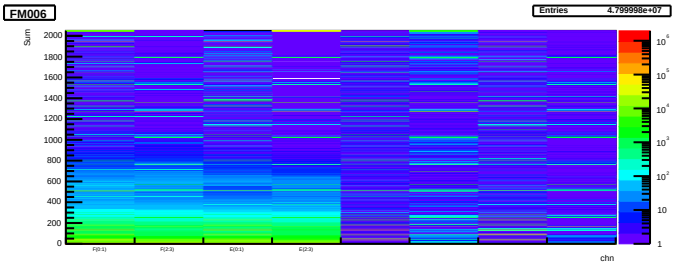
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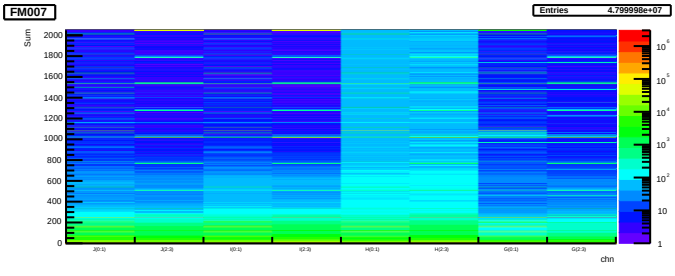
FM007
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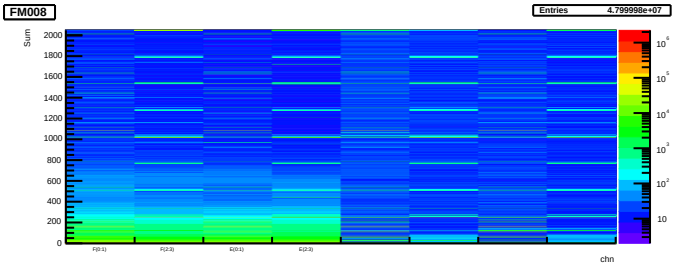
FM008
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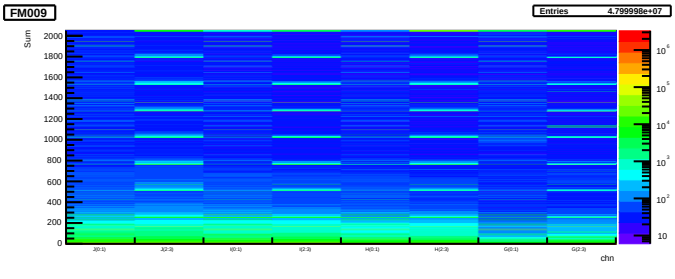
FM009
Entries 4.799998e+07
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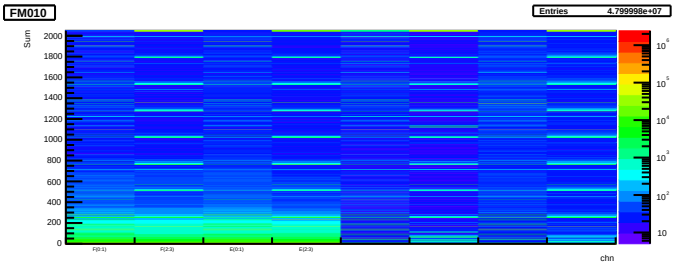
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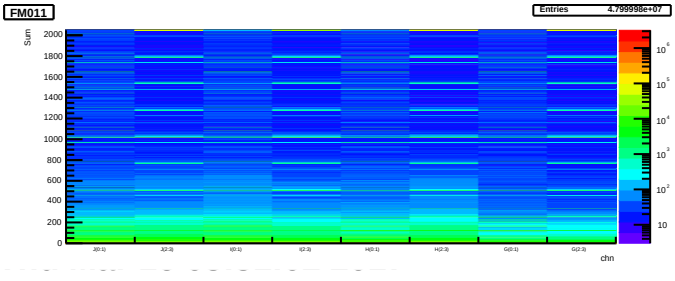
FM011
Entries 4.799998e+07
Sum
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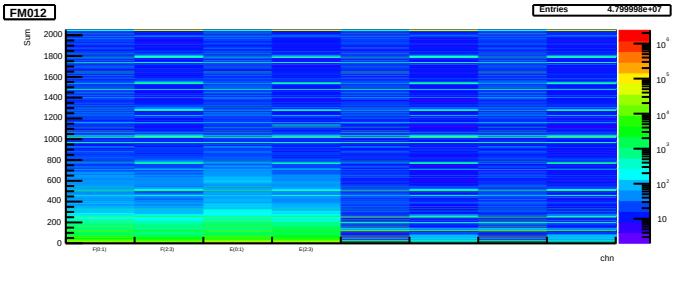
FM012
Entries 4.799998e+07
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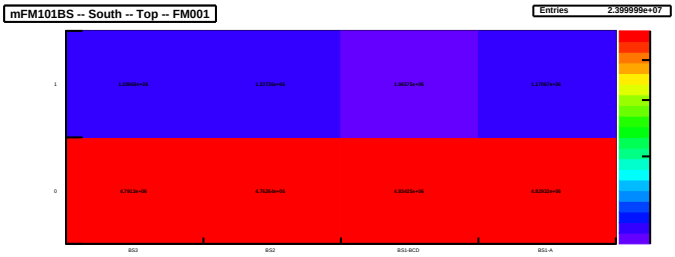
mFM101BS -- South -- Top -- FM001
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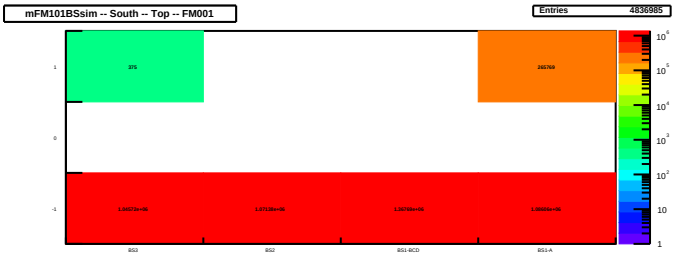
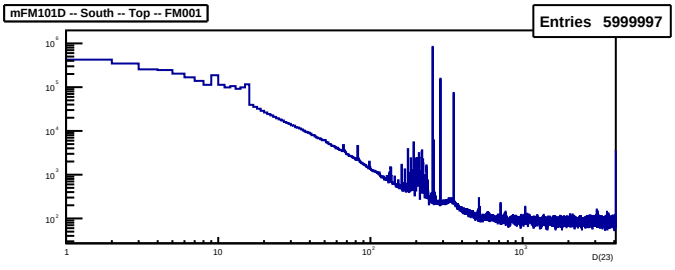

mFM101BSsim -- South -- Top -- FM001
Entries 4836985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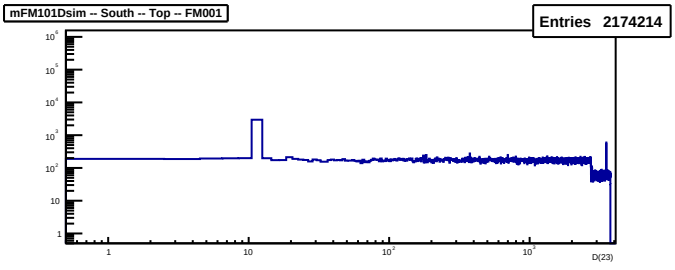
Entries 5999997
D(23)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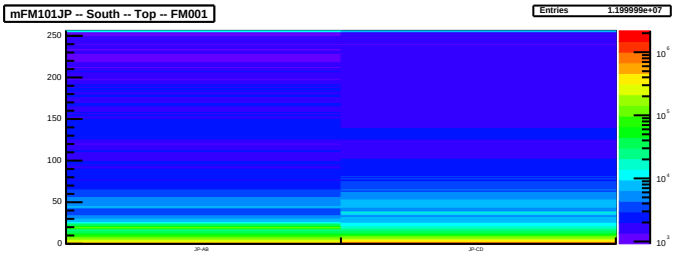
D(23)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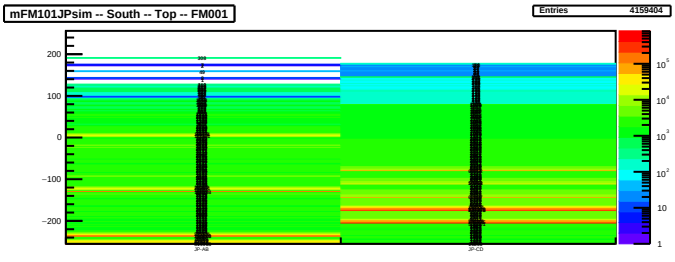
Entries 1.199999e+07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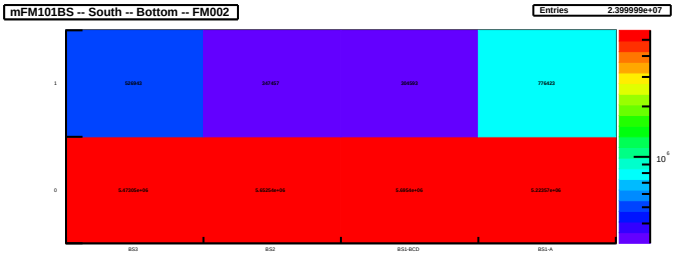
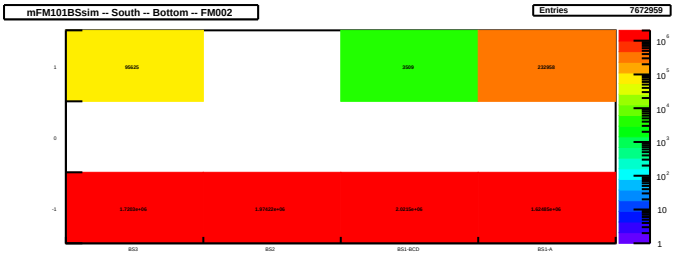

mFM101BS -- South -- Bottom -- FM002
Entries 2.399999e+07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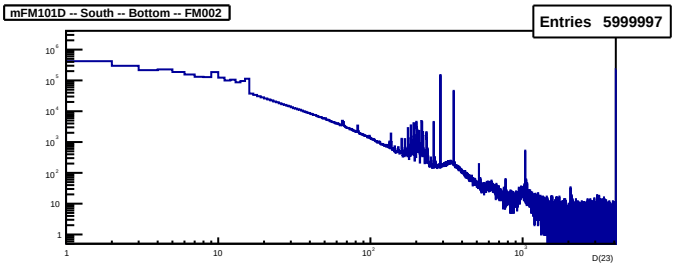
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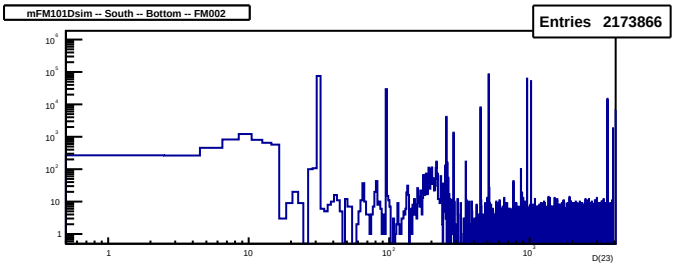
Entries 5999997
D(23)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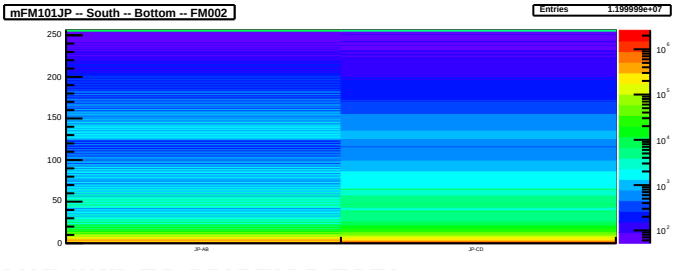
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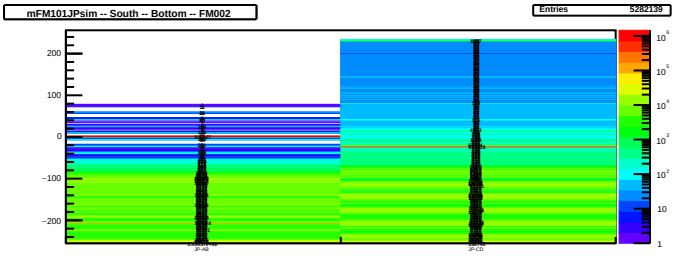
Entries 1.199999e+07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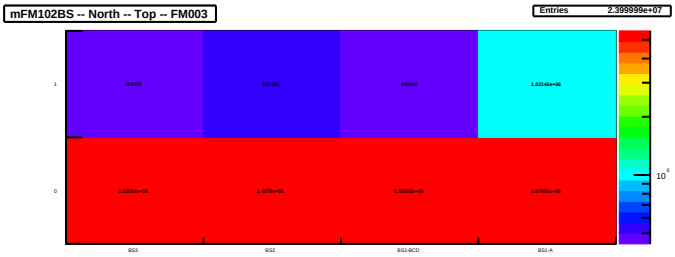
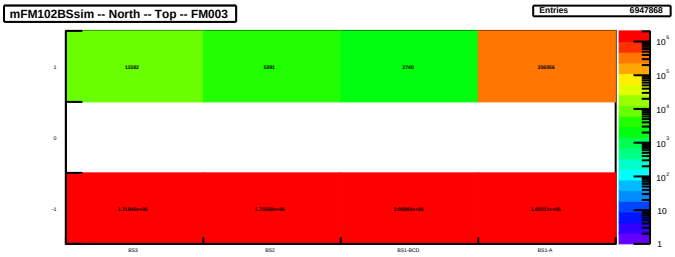

mFM102BS -- North -- Top -- FM003
Entries 2.399999e+07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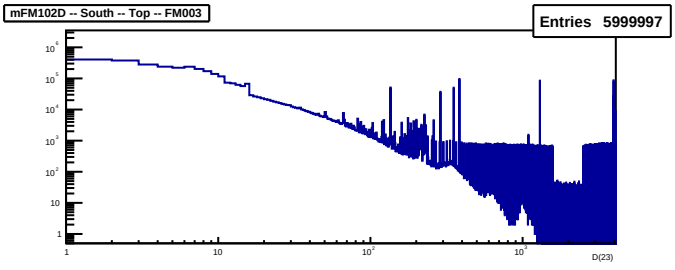
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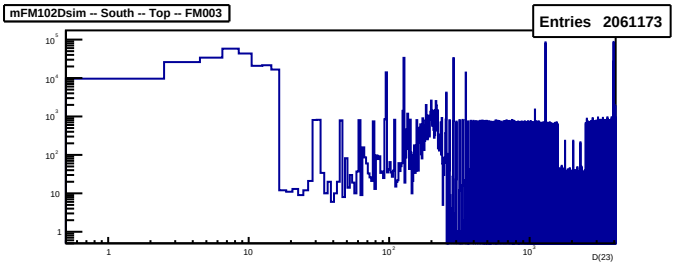
Entries 5999997
D(23)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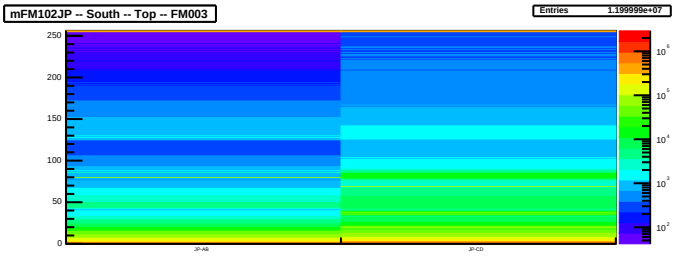
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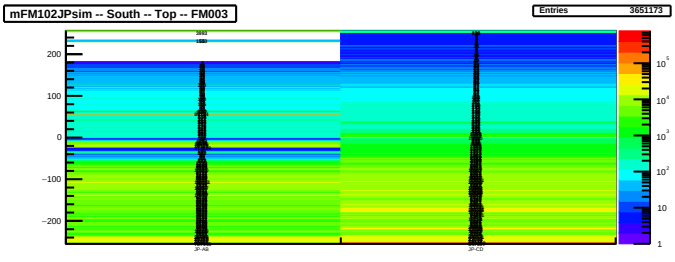
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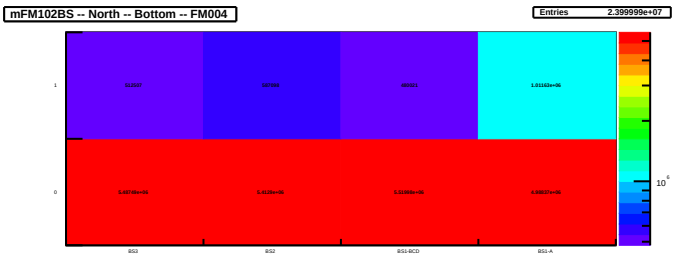
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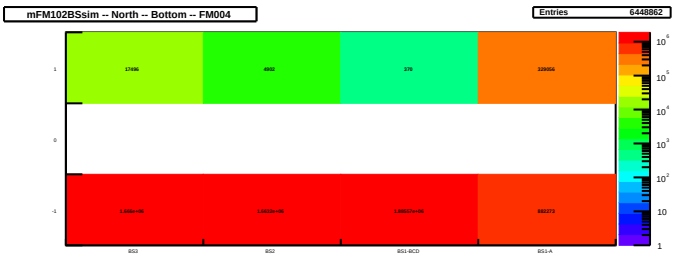
Entries 2.399999e+07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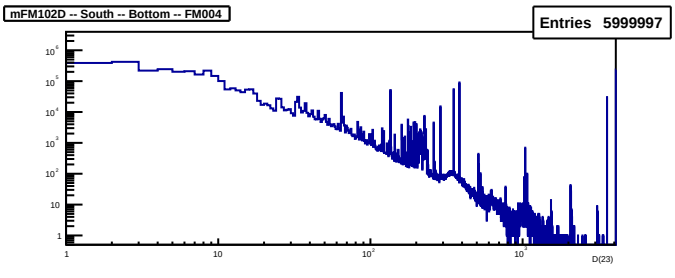
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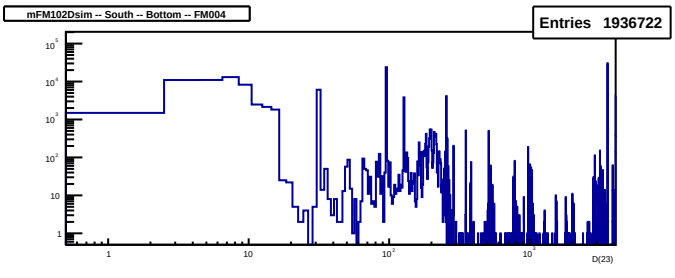
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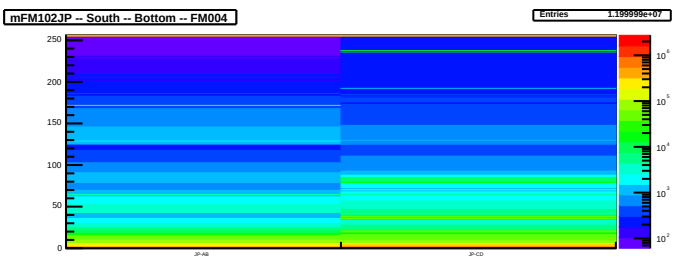
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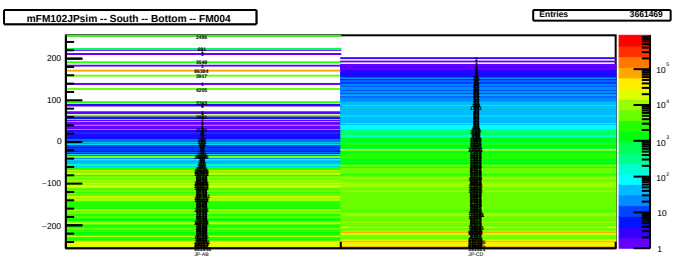
Entries 1.199999e+07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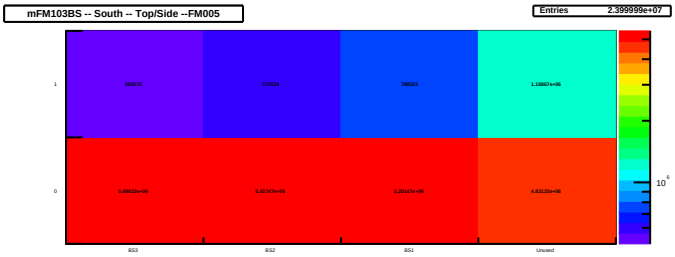
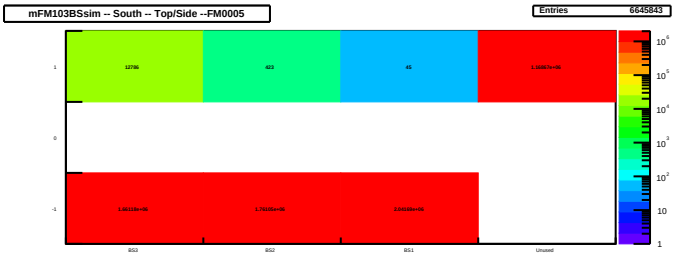

mFM103BS -- South -- Top/Side --FM005
Entries 2.399999e+07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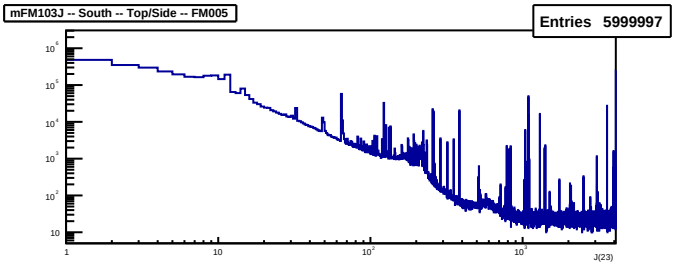
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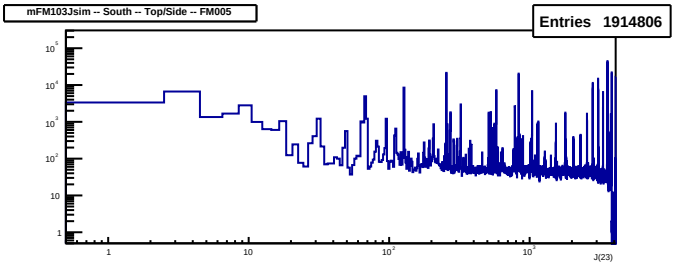
Entries 5999997
J(23)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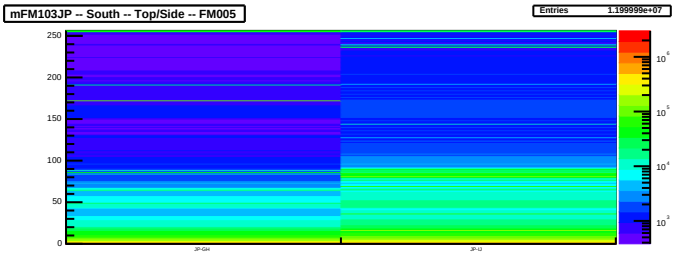
J(23)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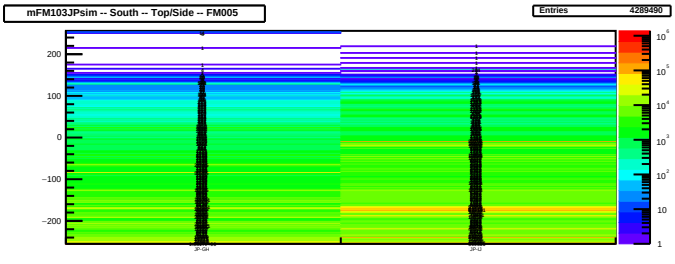
Entries 1.199999e+07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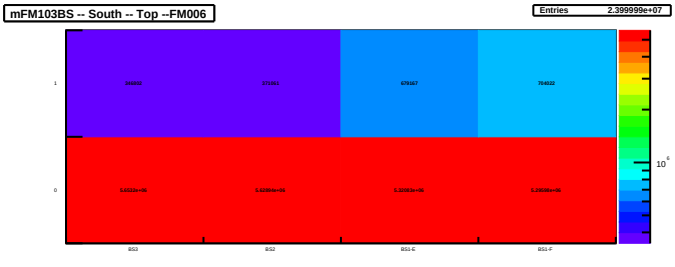
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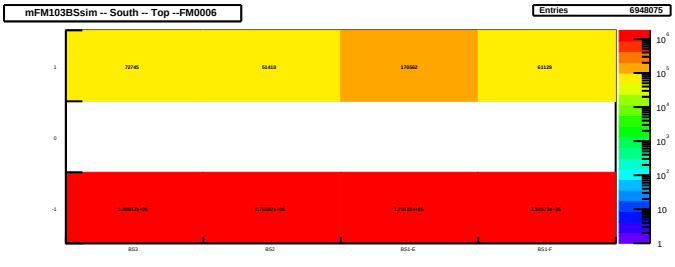
Entries 2.399999e+07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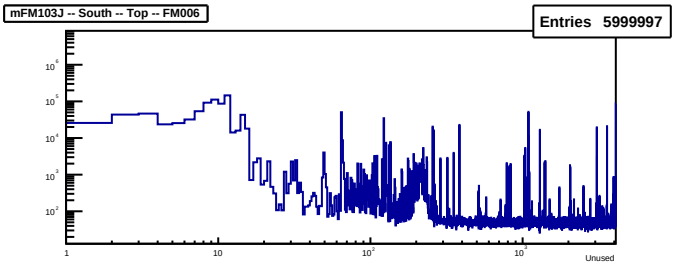
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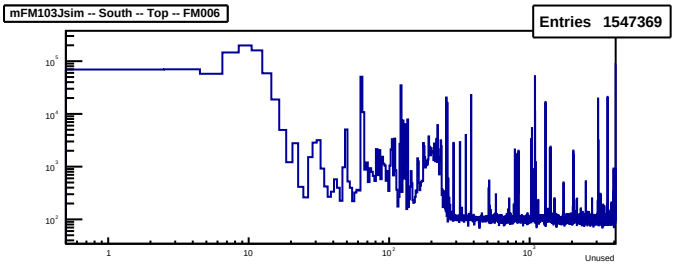
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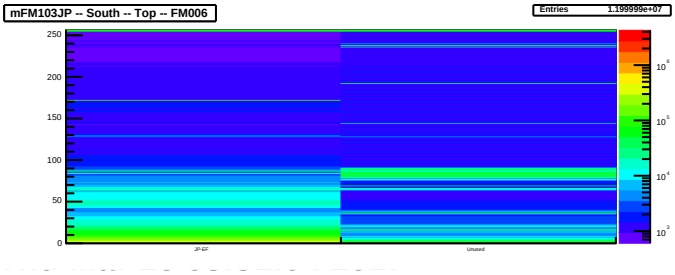
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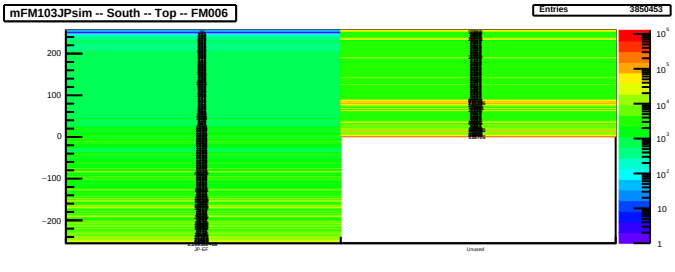
Entries 1.199999e+07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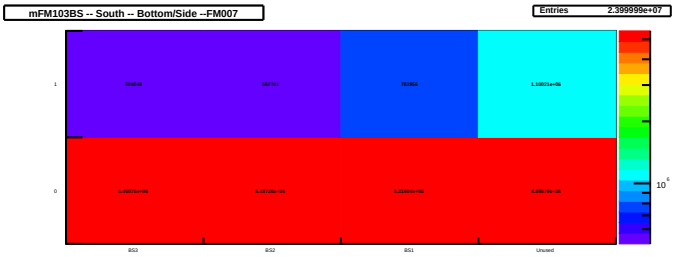
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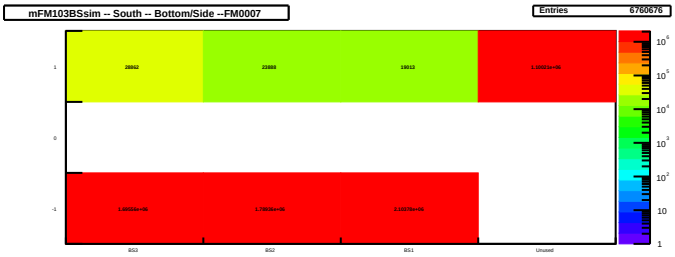
Entries 2.399999e+07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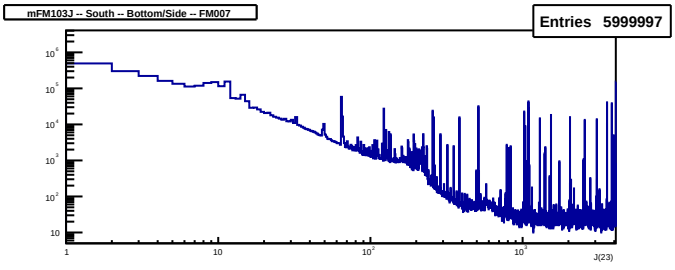
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Entries 5999997
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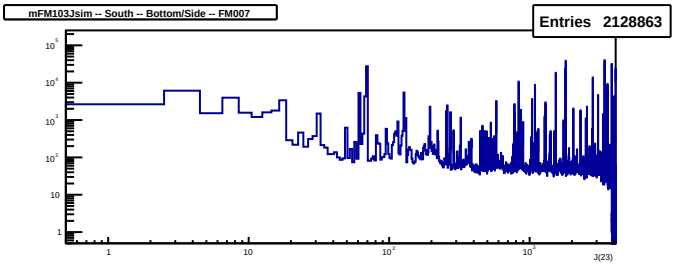
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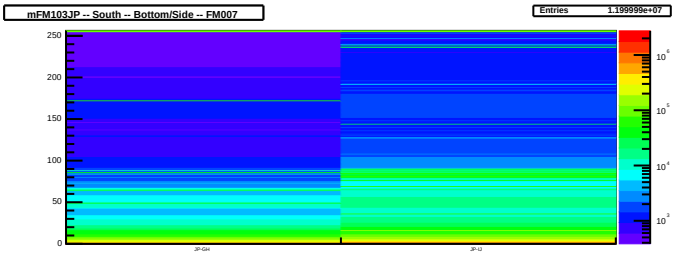
J(23)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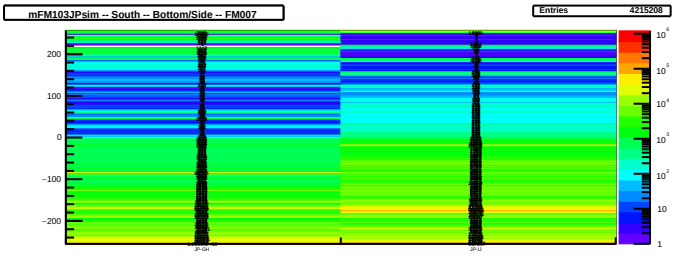
Entries 1.199999e+07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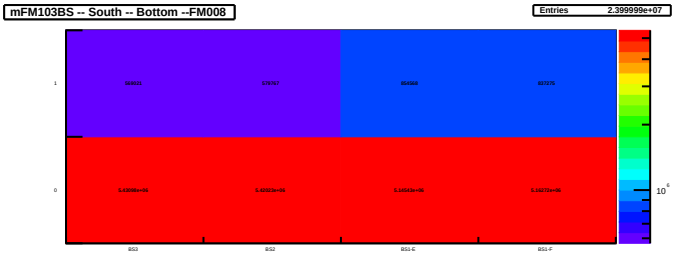
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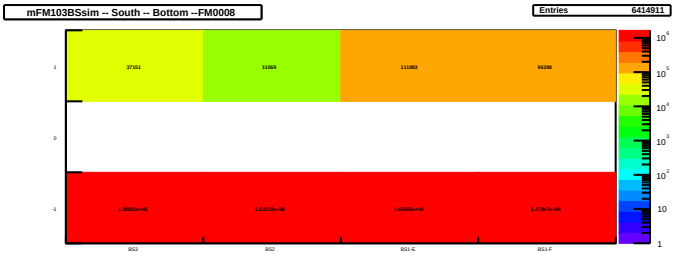
Entries 2.399999e+07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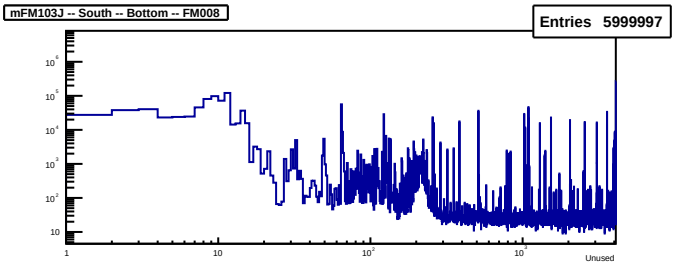
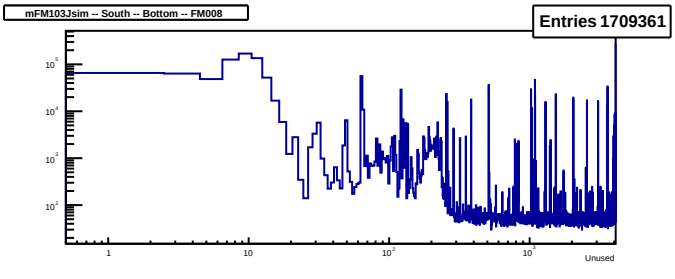

mFM103J -- South -- Bottom -- FM008
Entries 5999997
Unused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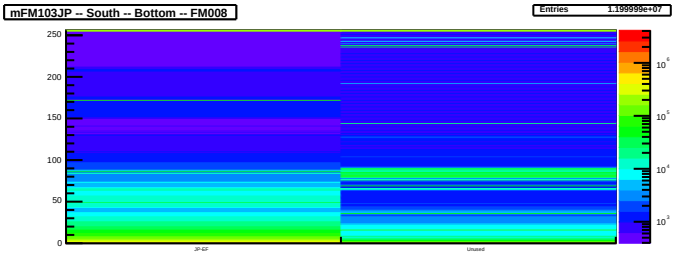
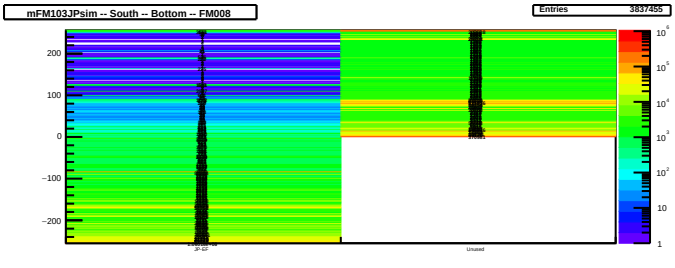
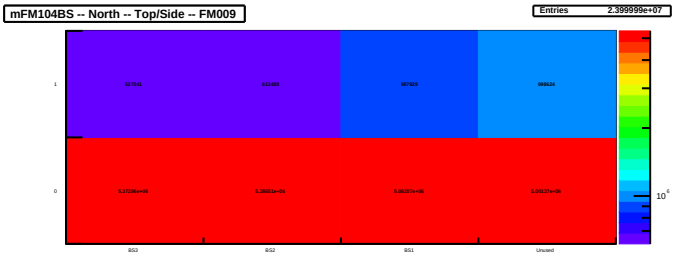
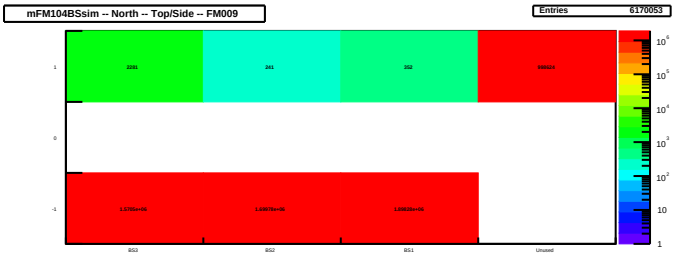
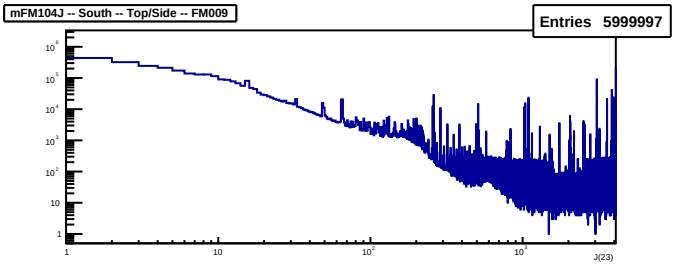
Entries 1709361
Unused

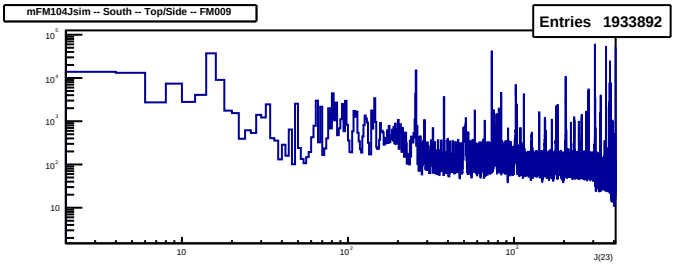

mFM103JP -- South -- Bottom -- FM008
Entries 1.199999e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3837455


mFM104BS -- North -- Top/Side -- FM009
Entries 2.399999e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 6170053


mFM104J -- South -- Top/Side -- FM009
Entries 5999997
J(23)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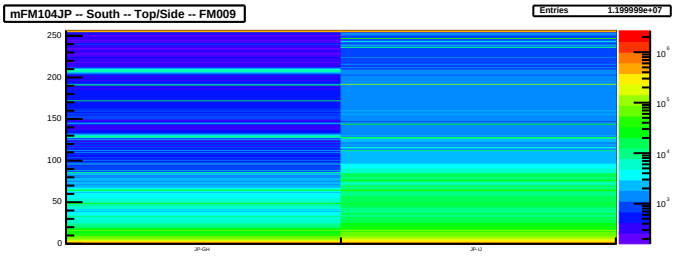
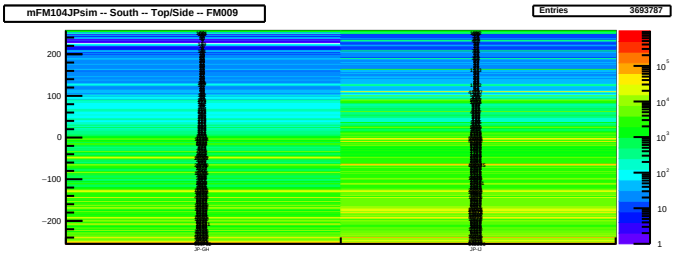
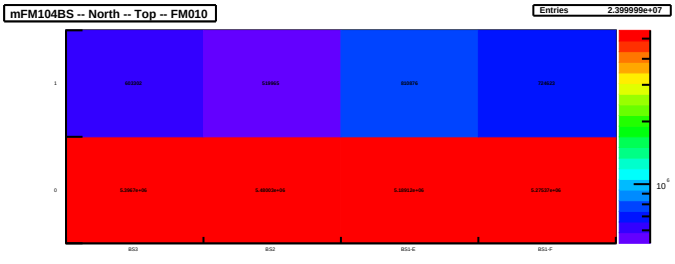
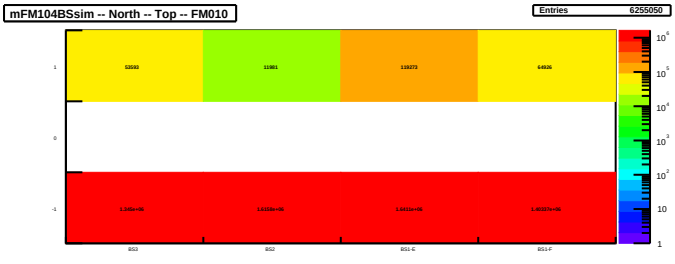
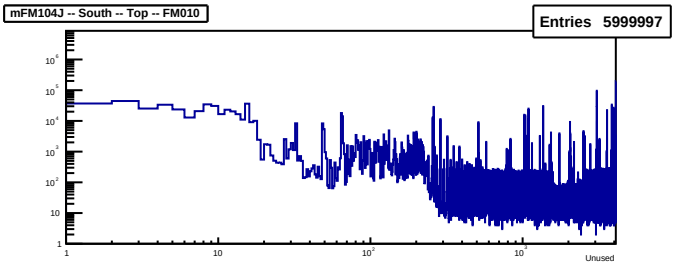
Entries 1933892
J(23)

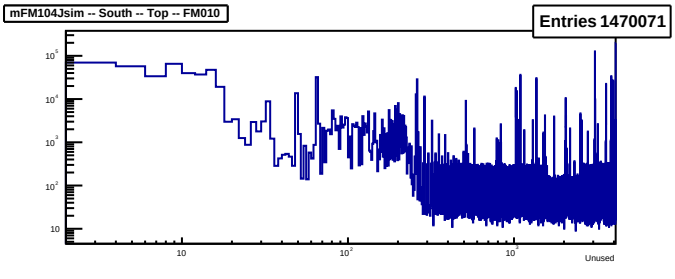

mFM104JP -- South -- Top/Side -- FM009
Entries 1.199999e+07


mFM104JPsim -- South -- Top/Side -- FM009
Entries 3693787


mFM104BS -- North -- Top -- FM010
Entries 2.399999e+07


mFM104BSsim -- North -- Top -- FM010
Entries 6255050


mFM104J -- South -- Top -- FM010
Entries 5999997
Unused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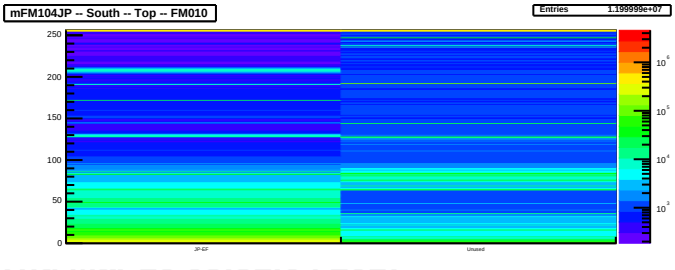
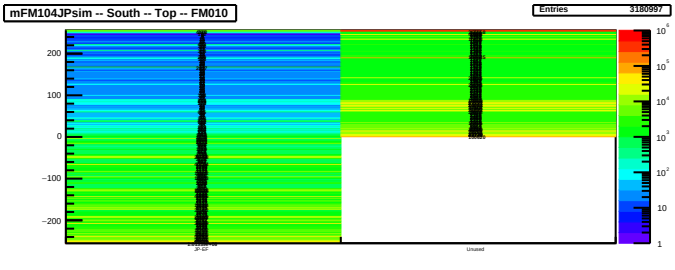
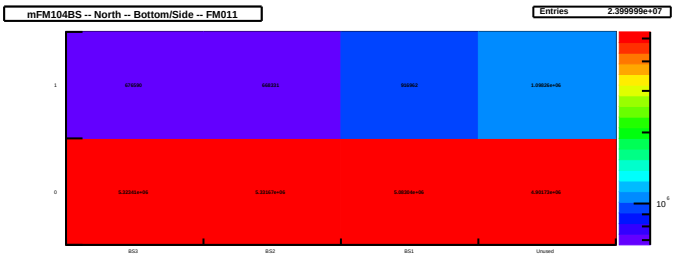
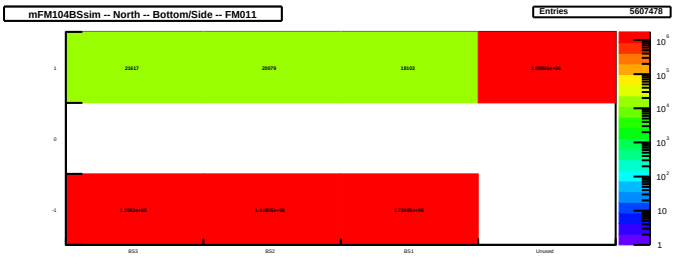
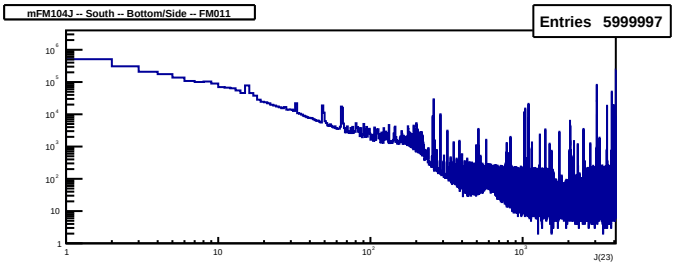
Entries 1470071
Unused

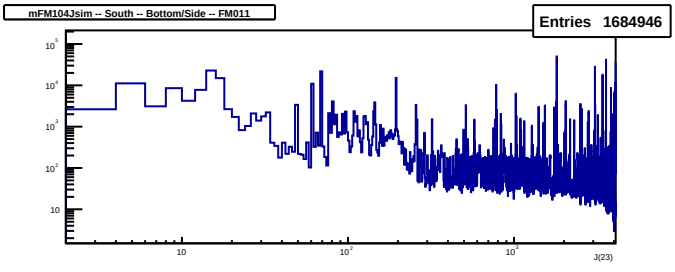

mFM104JP -- South -- Top -- FM010
Entries 1.199999e+07

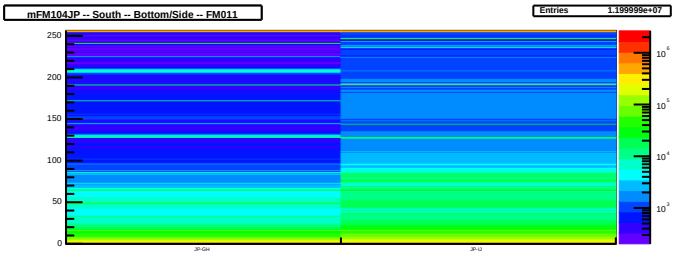

mFM104JPsim -- South -- Top -- FM010
Entries 3180997

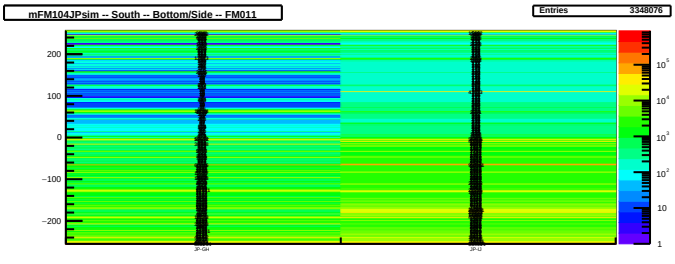

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.399999e+07
BS3
BS2
BS1
Unused

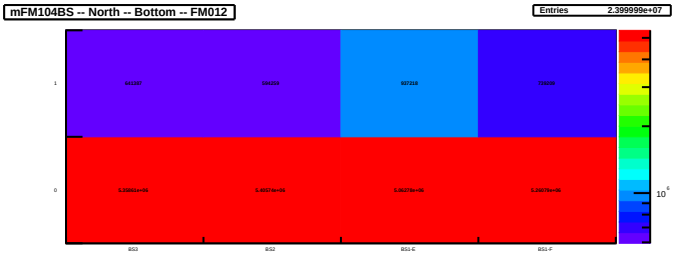

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5607478
BS3
BS2
BS1
Unused

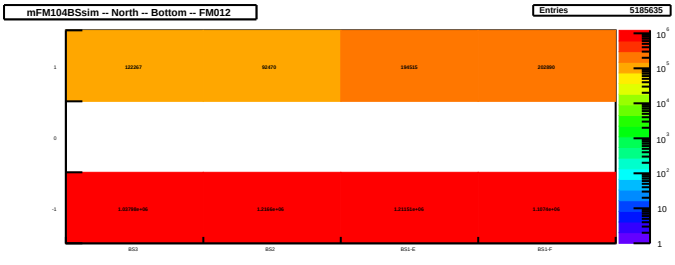

mFM104J -- South -- Bottom/Side -- FM011
Entries 5999997
J(23)

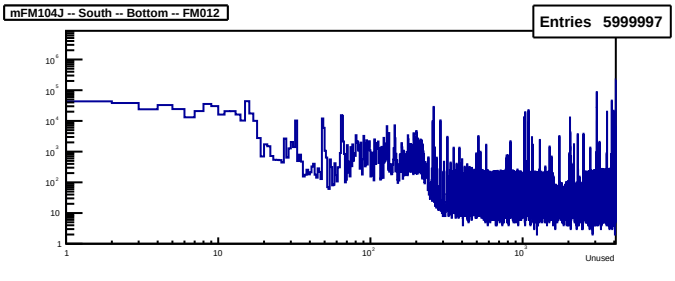

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1684946
J(23)

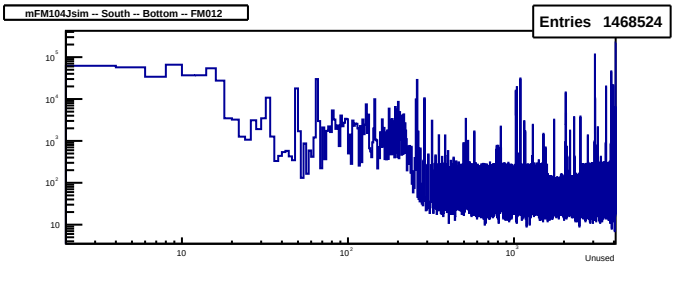

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.199999e+07
JP-GH
JP-IJ

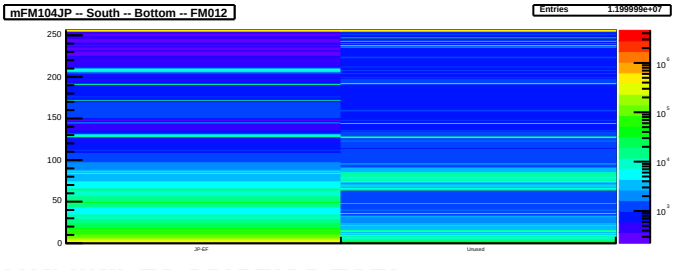

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3348076
JP-GH
JP-IJ

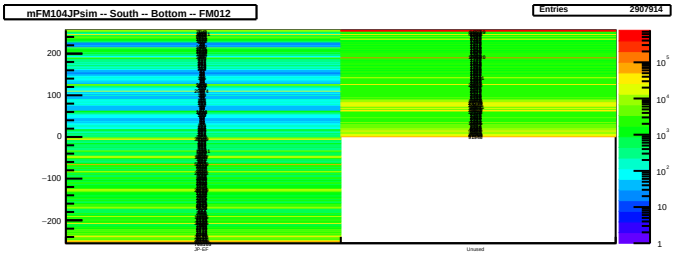

mFM104BS -- North -- Bottom -- FM012
Entries 2.399999e+07
BS3
BS2
BS1-E
BS1-F

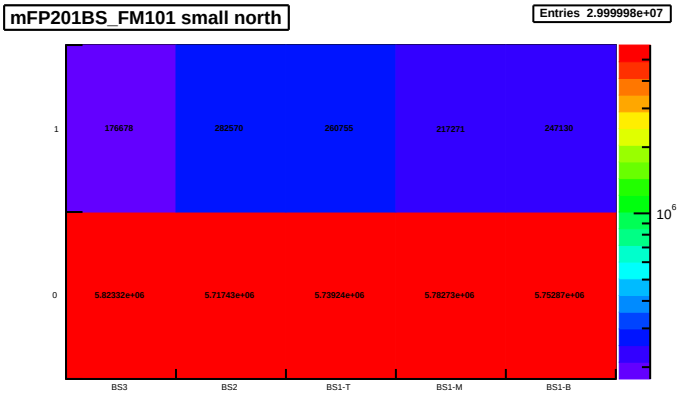

mFM104BSsim -- North -- Bottom -- FM012
Entries 5185635
BS3
BS2
BS1-E
BS1-F

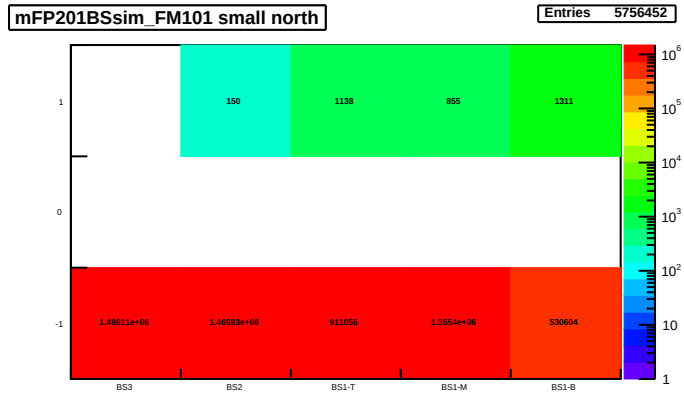

mFM104J -- South -- Bottom -- FM012
Entries 5999997
Unused

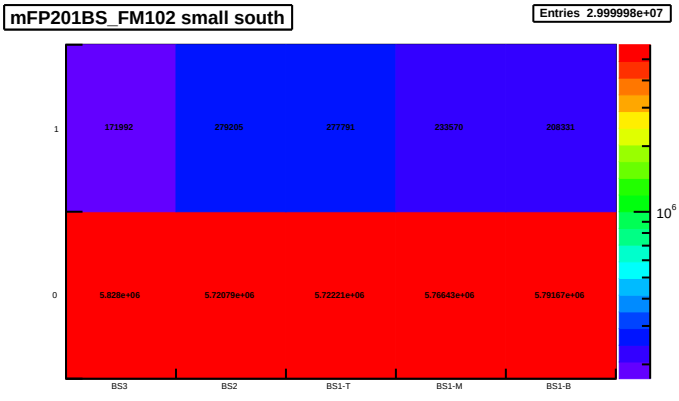

mFM104Jsim -- South -- Bottom -- FM012
Entries 1468524
Unused

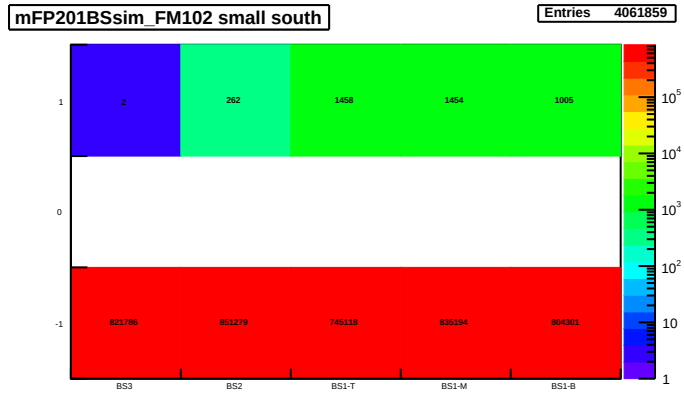

mFM104JP -- South -- Bottom -- FM012
Entries 1.199999e+07
JP-EF
Unused

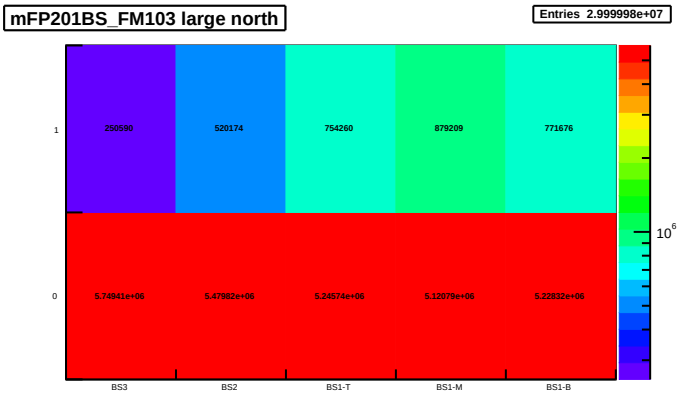

mFM104JPsim -- South -- Bottom -- FM012
Entries 2907914
JP-EF
Unused

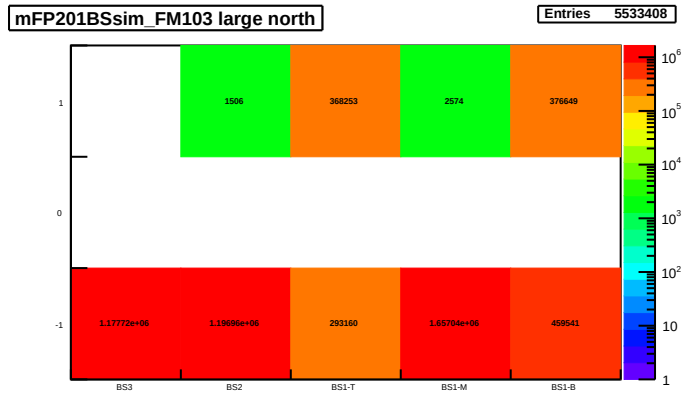

mFP201BS_FM101 small north
Entries 2.999998e+07
1
0
176678
282570
260755
217271
247130
5.82332e+06
5.71743e+06
5.73924e+06
5.78273e+06
5.75287e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

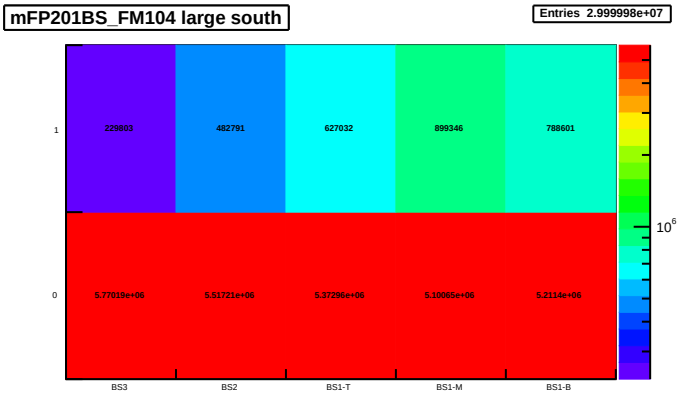

mFP201BSsim_FM101 small north
Entries 5756452
1
0
-1
150
1138
855
1311
1.48611e+06
1.46983e+06
911056
1.3554e+06
530604
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

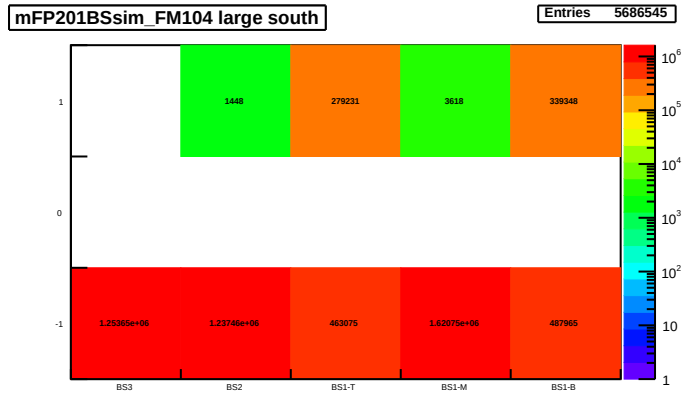

mFP201BS_FM102 small south
Entries 2.999998e+07
1
0
171992
279205
277791
233570
208331
5.828e+06
5.72079e+06
5.72221e+06
5.76643e+06
5.79167e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

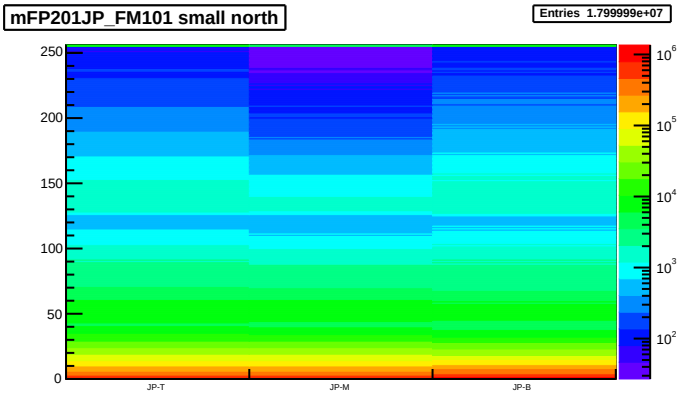

mFP201BSsim_FM102 small south
Entries 4061859
1
0
-1
2
262
1458
1454
1005
821786
851279
745118
835194
804301
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

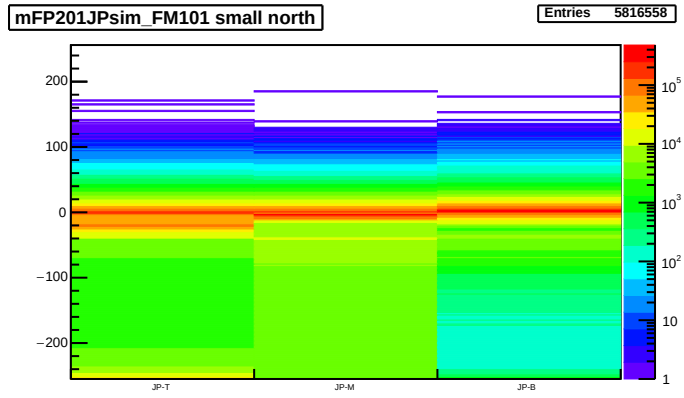

mFP201BS_FM103 large north
Entries 2.999998e+07
1
0
250590
520174
754260
879209
771676
5.74941e+06
5.47982e+06
5.24574e+06
5.12079e+06
5.22832e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

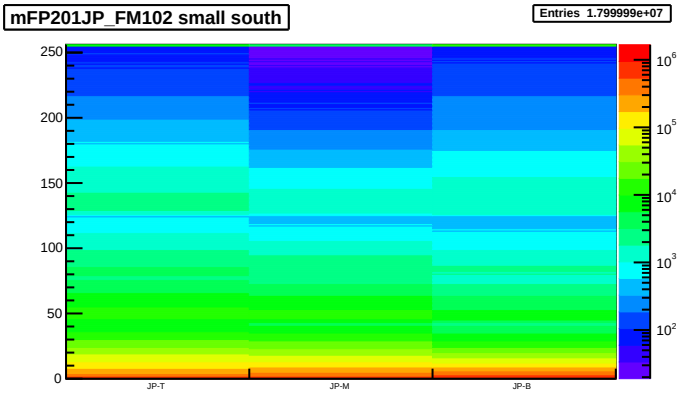

mFP201BSsim_FM103 large north
Entries 5533408
1
0
-1
1506
368253
2574
376649
1.17772e+06
1.19696e+06
293160
1.65704e+06
459541
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

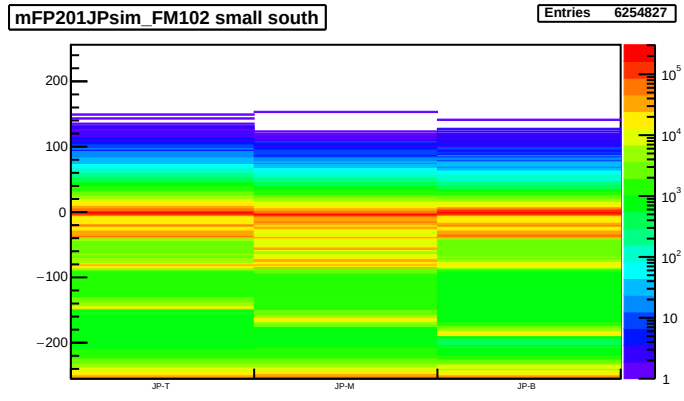

mFP201BS_FM104 large south
Entries 2.999998e+07
1
0
229803
482791
627032
899346
788601
5.77019e+06
5.51721e+06
5.37296e+06
5.10065e+06
5.2114e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

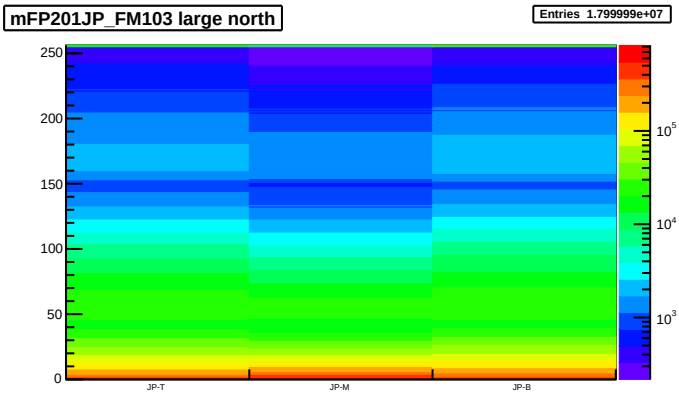

mFP201BSsim_FM104 large south
Entries 5686545
1
0
-1
1448
279231
3618
339348
1.25365e+06
1.23746e+06
463075
1.62075e+06
487965
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

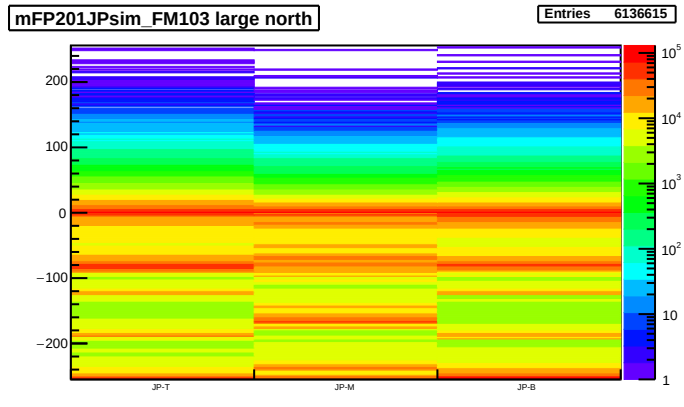

mFP201JP_FM101 small north
Entries 1.799999e+07
JP-T
JP-M
JP-B

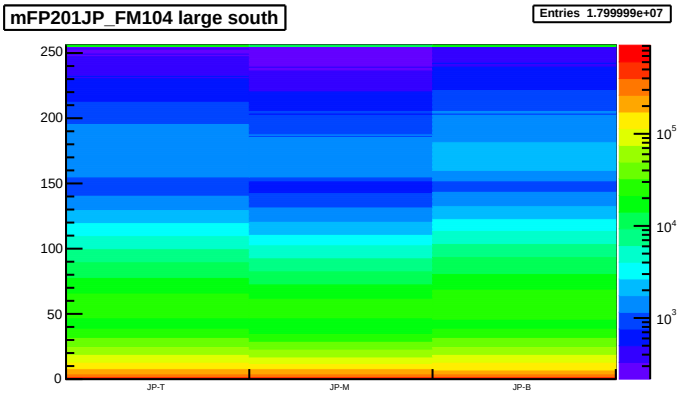

mFP201JPsim_FM101 small north
Entries 5816558
JP-T
JP-M
JP-B

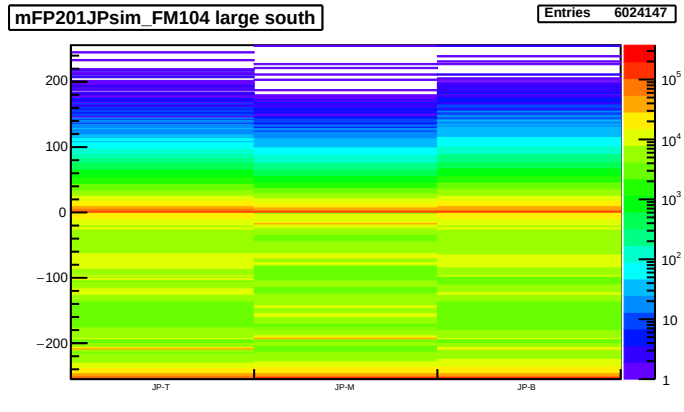

mFP201JP_FM102 small south
Entries 1.799999e+07
JP-T
JP-M
JP-B

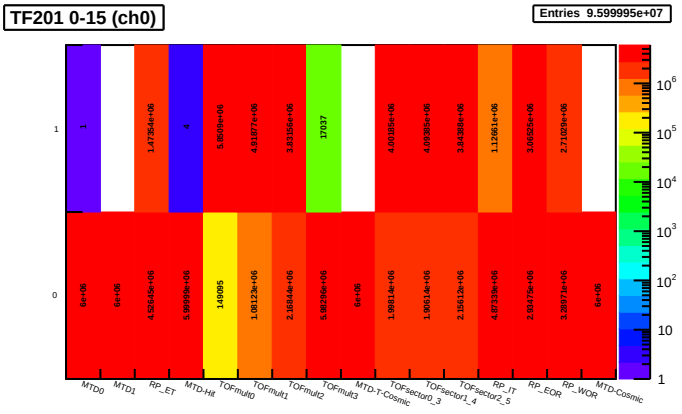

mFP201JPsim_FM102 small south
Entries 6254827
JP-T
JP-M
JP-B

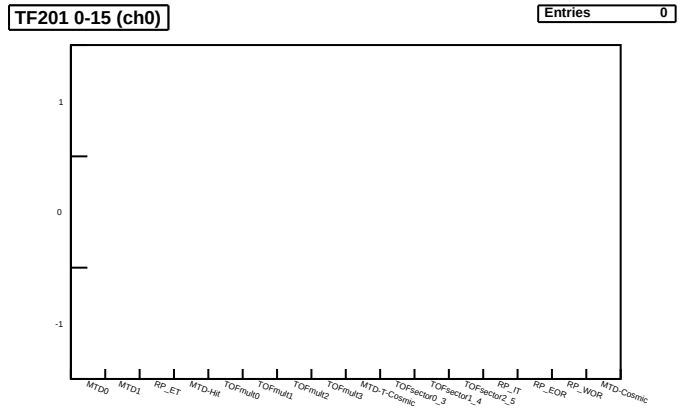

mFP201JP_FM103 large north
Entries 1.799999e+07
JP-T
JP-M
JP-B

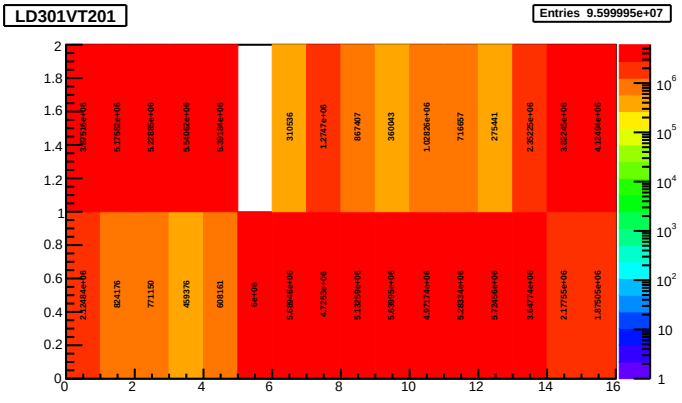

mFP201JPsim_FM103 large north
Entries 6136615
JP-T
JP-M
JP-B

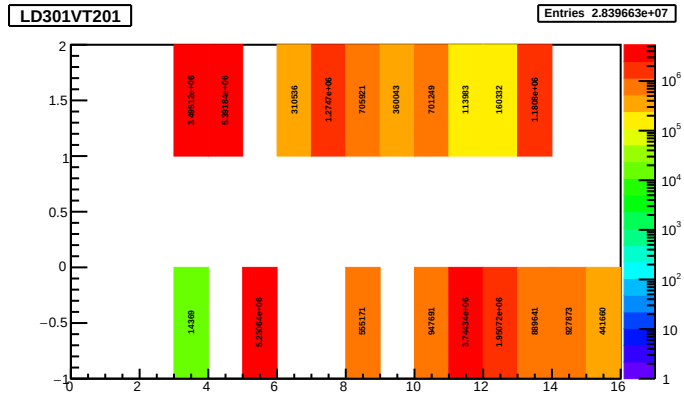

mFP201JP_FM104 large south
Entries 1.799999e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 6024147
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 9.599995e+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 9.599995e+07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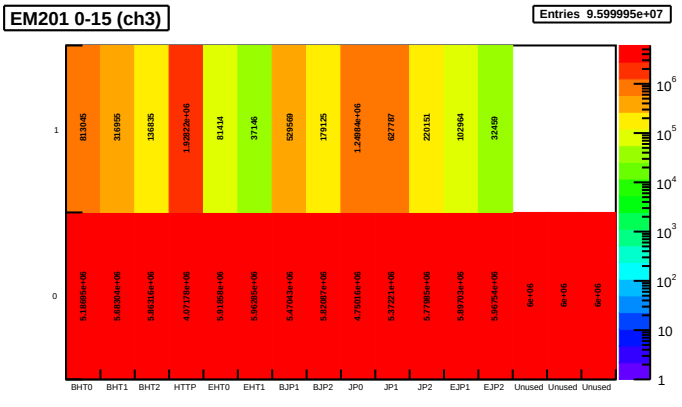
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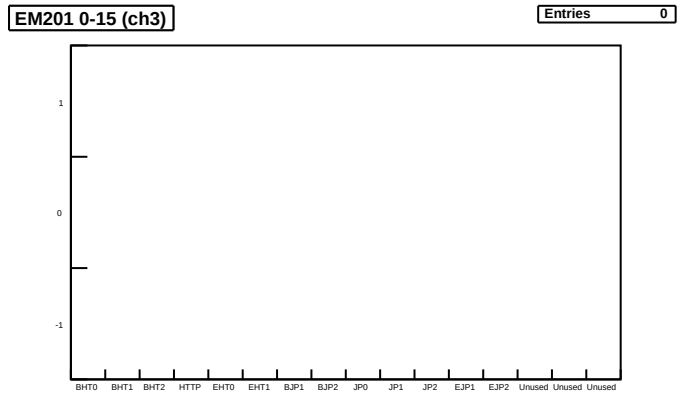
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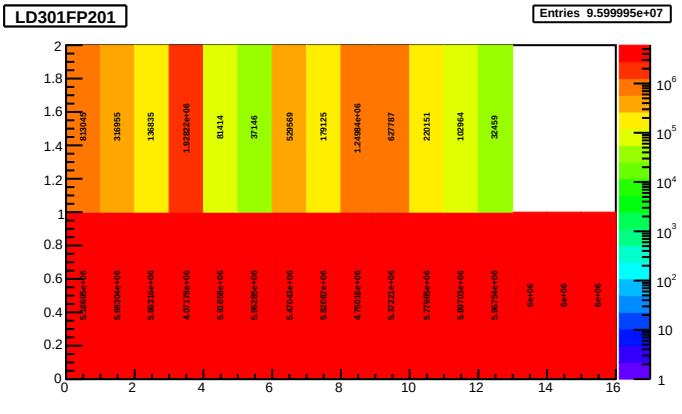
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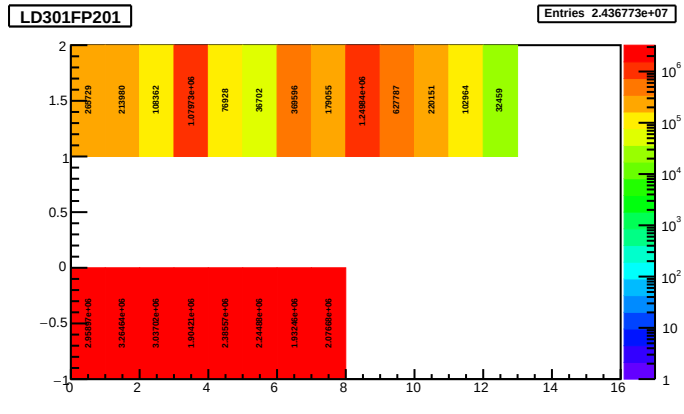
Entries 9.599995e+07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