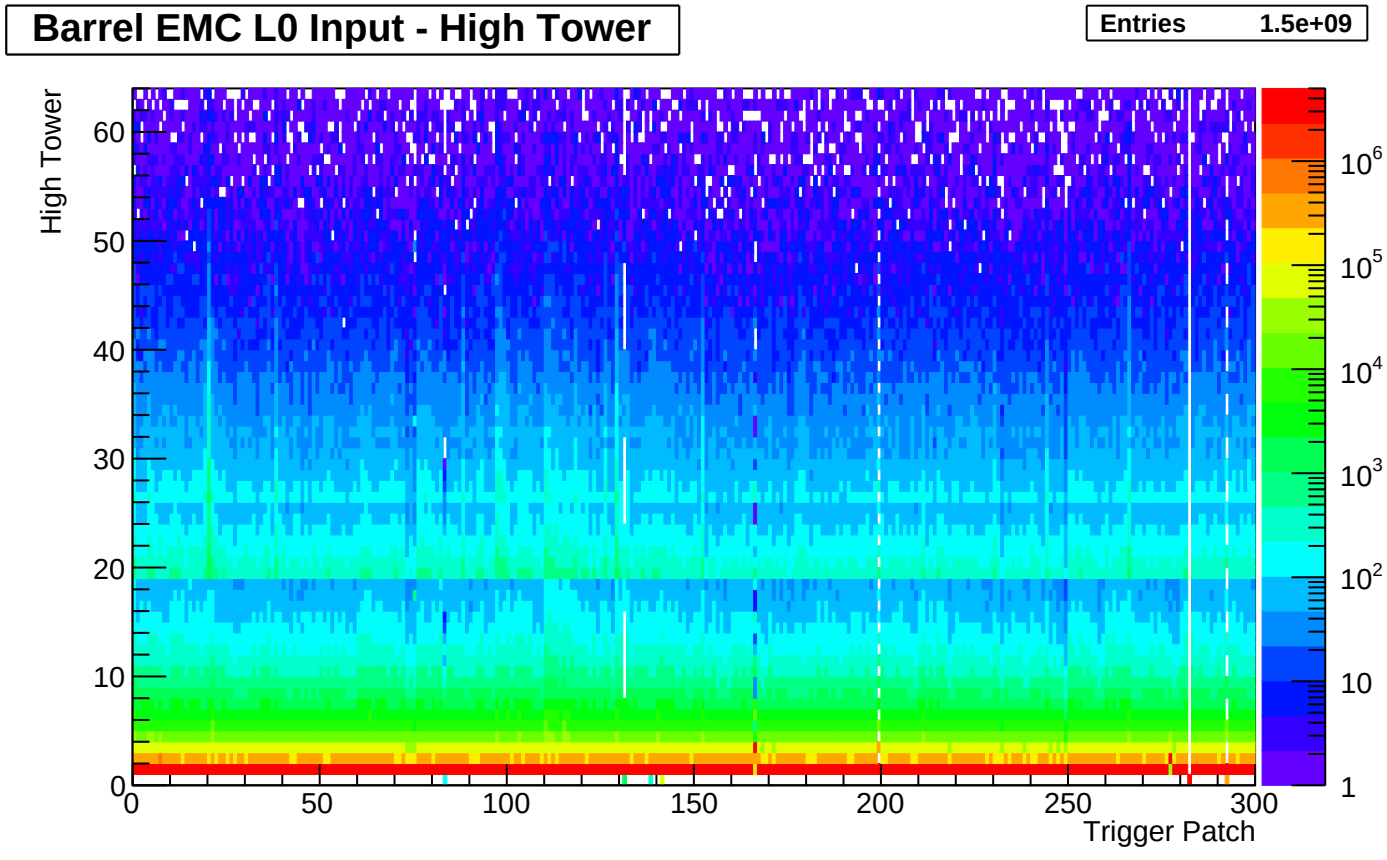
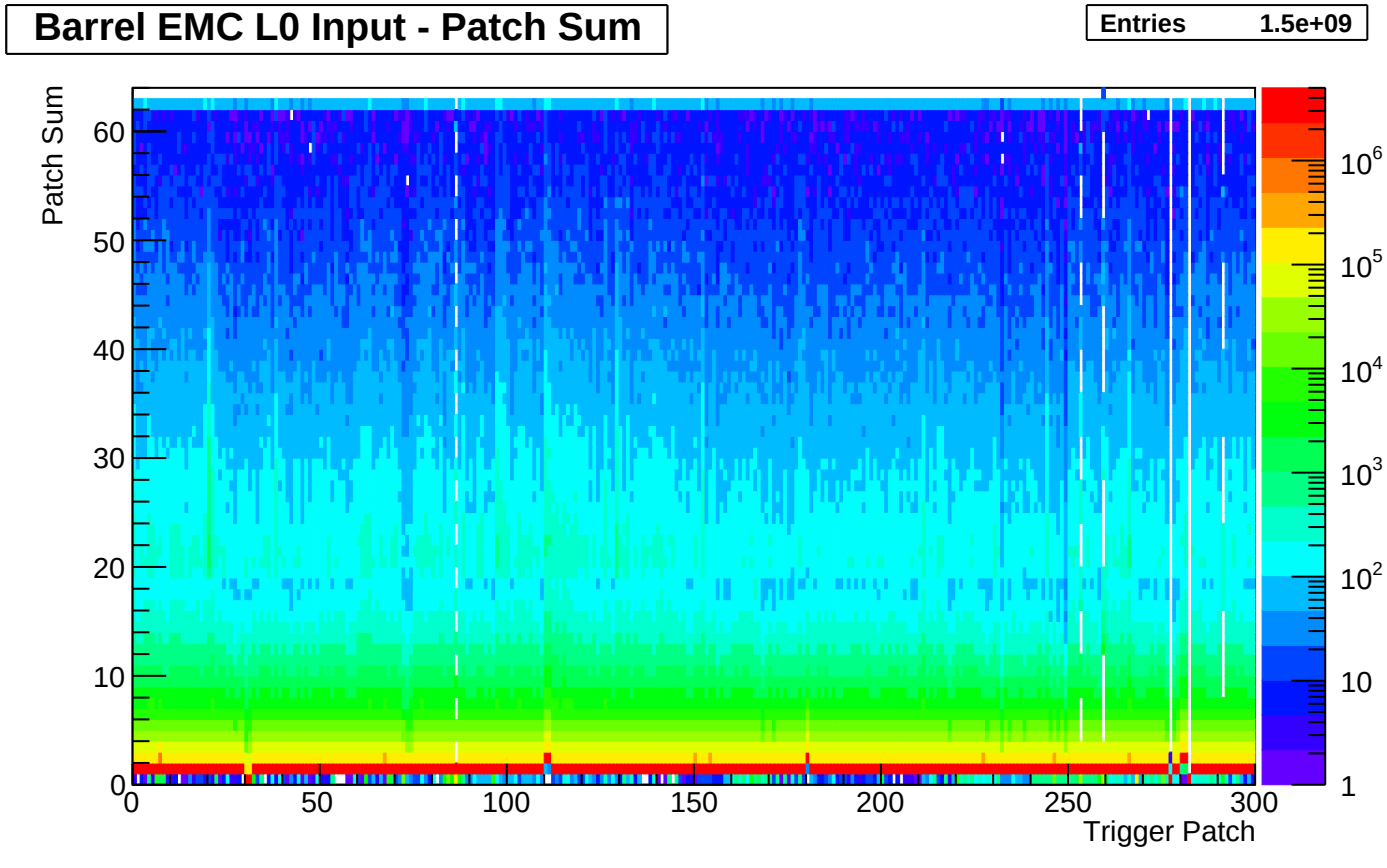
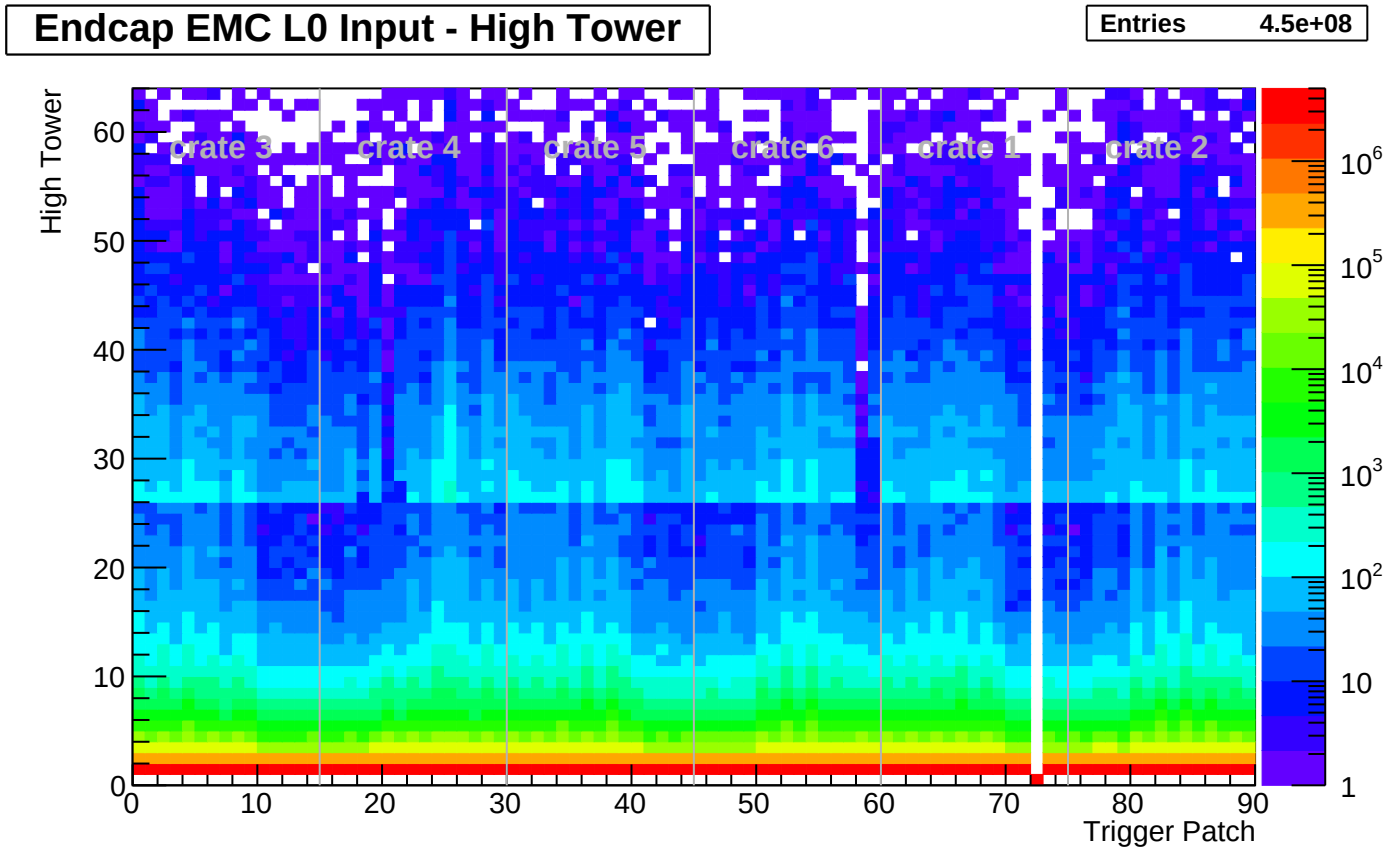
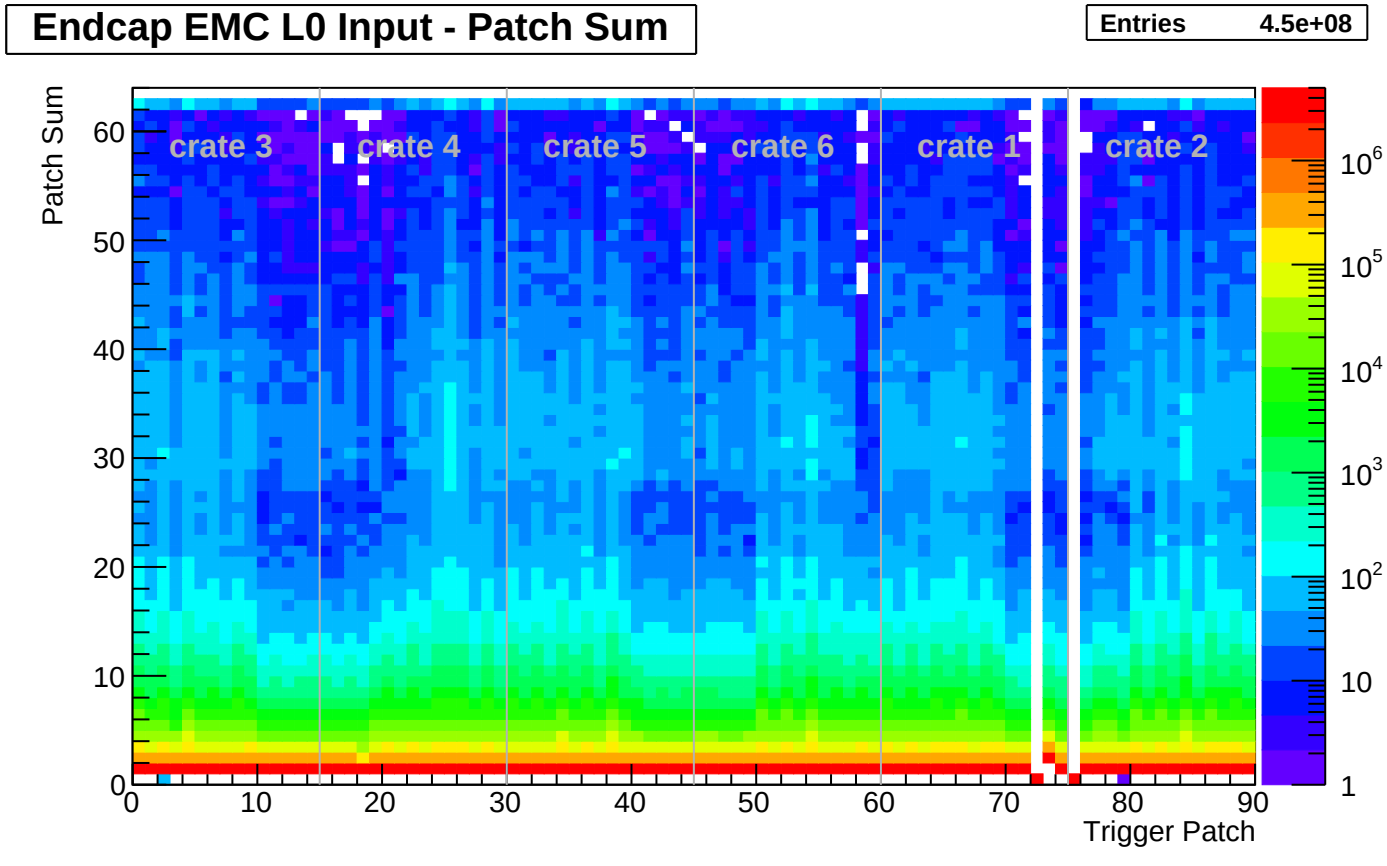
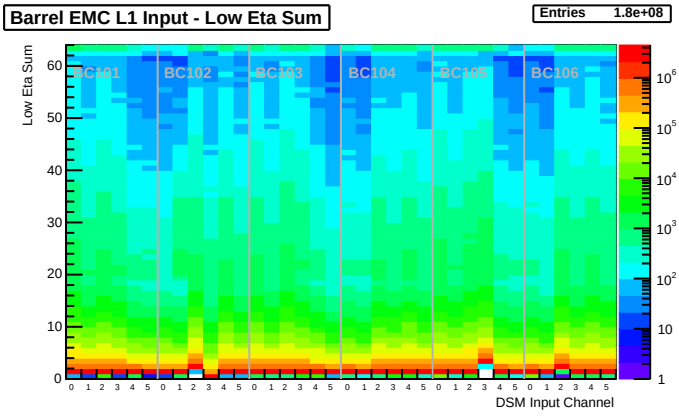
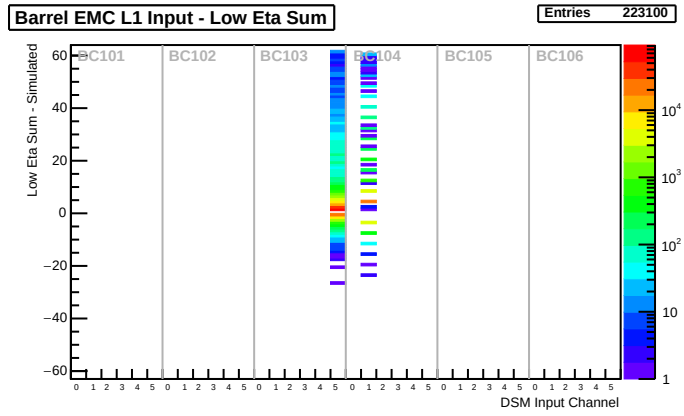

Barrel EMC L0 Input - High Tower
Entries 1.5e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

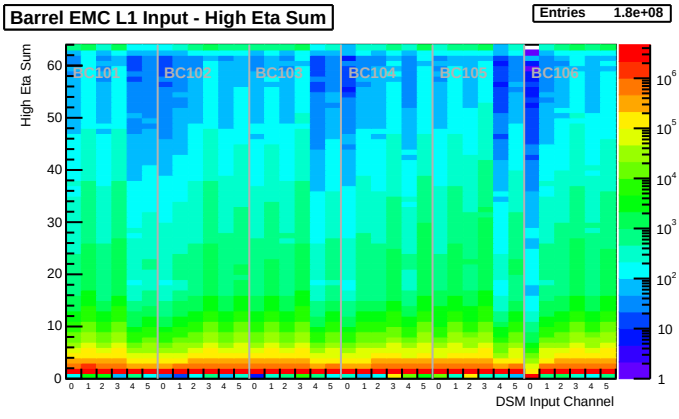

Barrel EMC L0 Input - Patch Sum
Entries 1.5e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

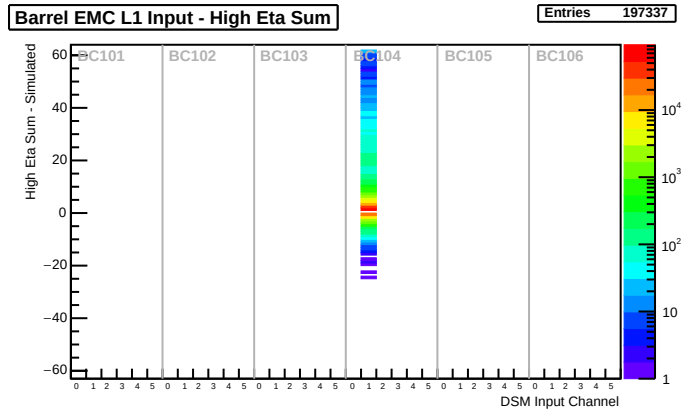

Endcap EMC L0 Input - High Tower
Entries 4.5e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

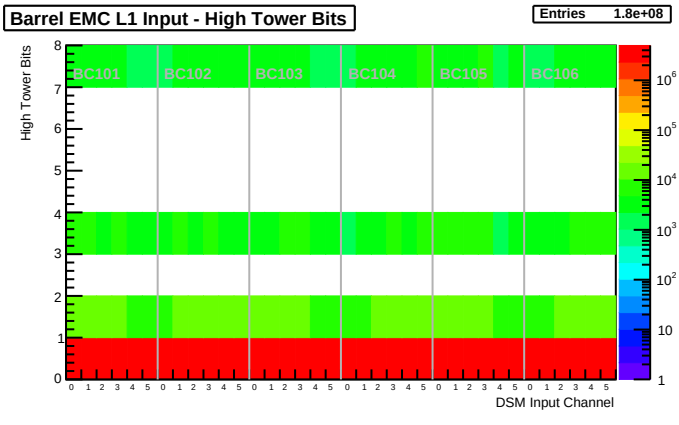

Endcap EMC L0 Input - Patch Sum
Entries 4.5e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

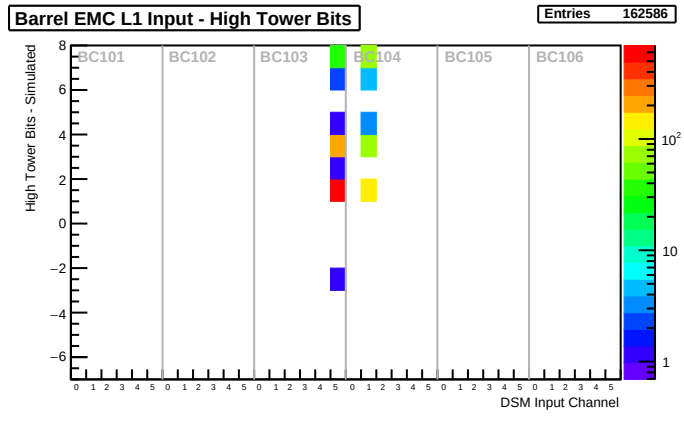

Barrel EMC L1 Input - Low Eta Sum
Entries 1.8e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

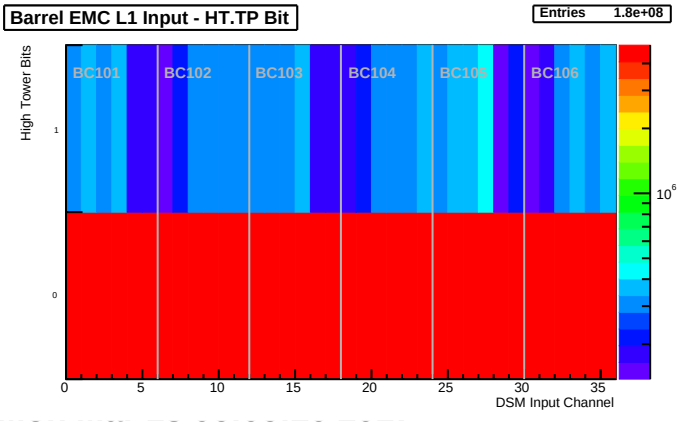

Barrel EMC L1 Input - Low Eta Sum
Entries 223100
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

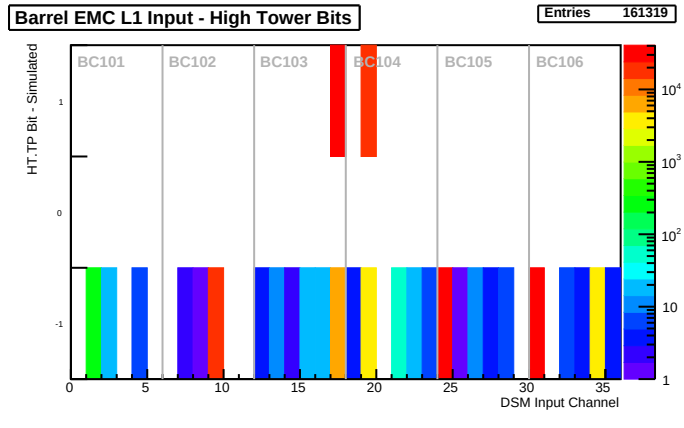

Barrel EMC L1 Input - High Eta Sum
Entries 1.8e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

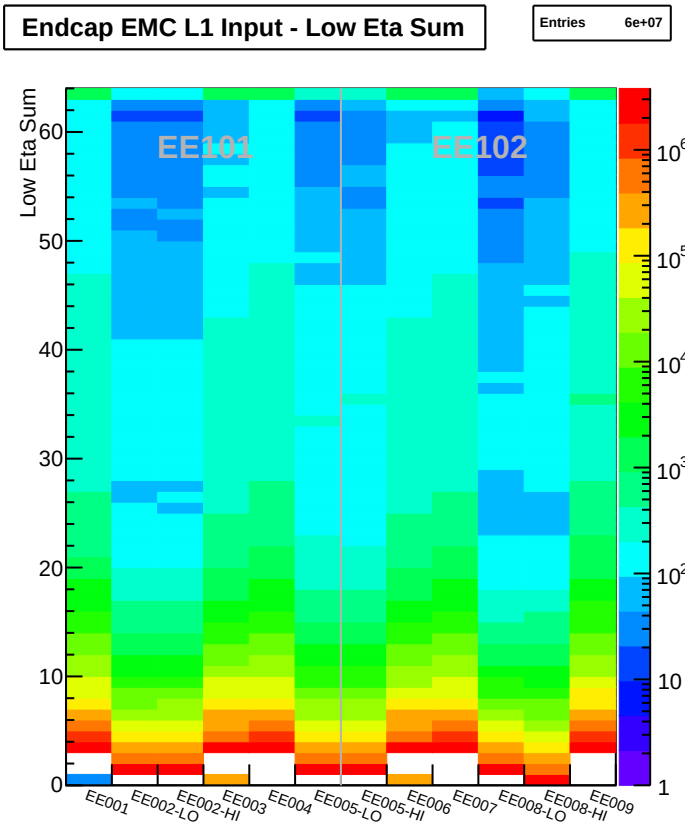

Barrel EMC L1 Input - High Eta Sum
Entries 197337
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

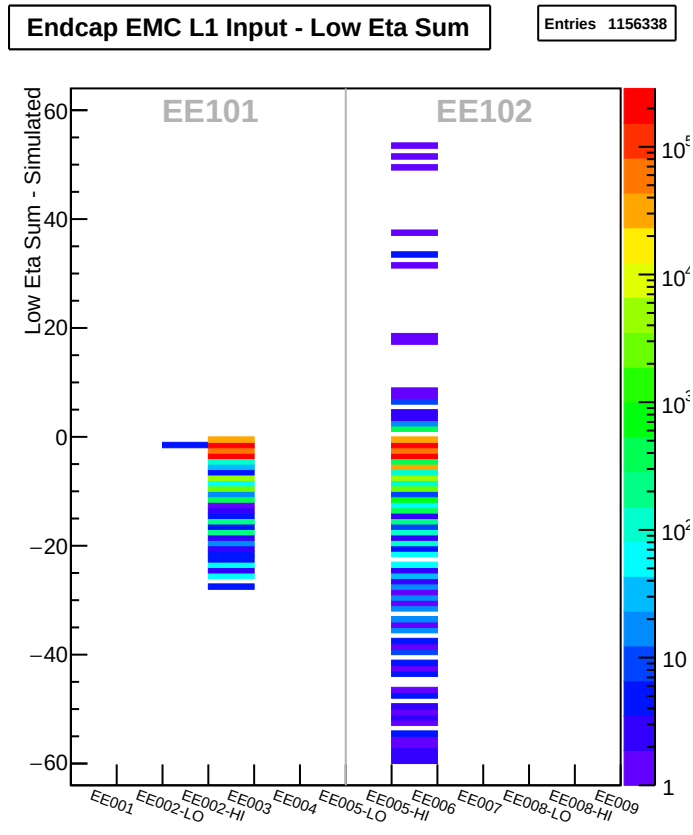

Barrel EMC L1 Input - High Tower Bits
Entries 1.8e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

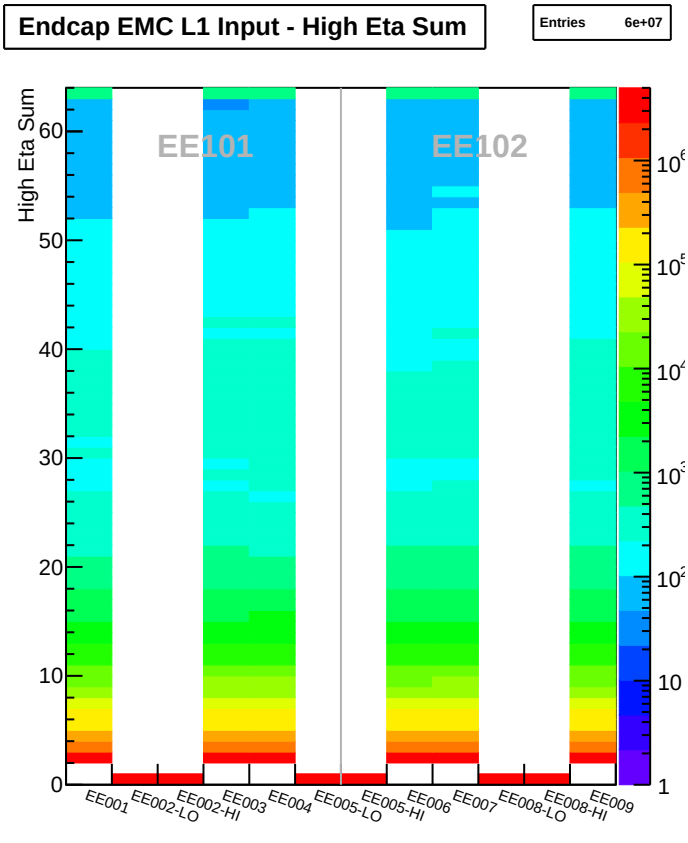

Barrel EMC L1 Input - High Tower Bits
Entries 162586
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

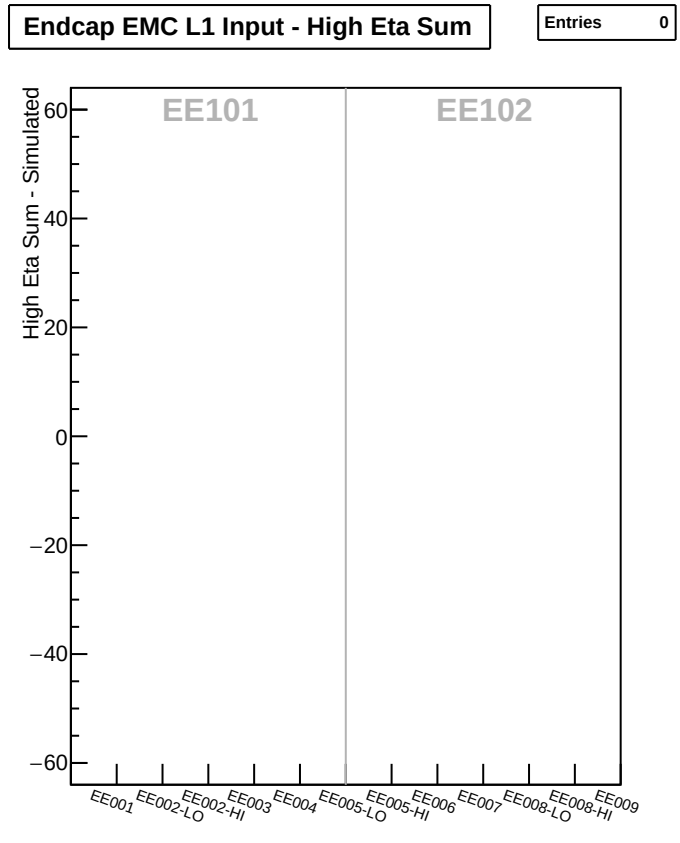

Barrel EMC L1 Input - HT.TP Bit
Entries 1.8e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

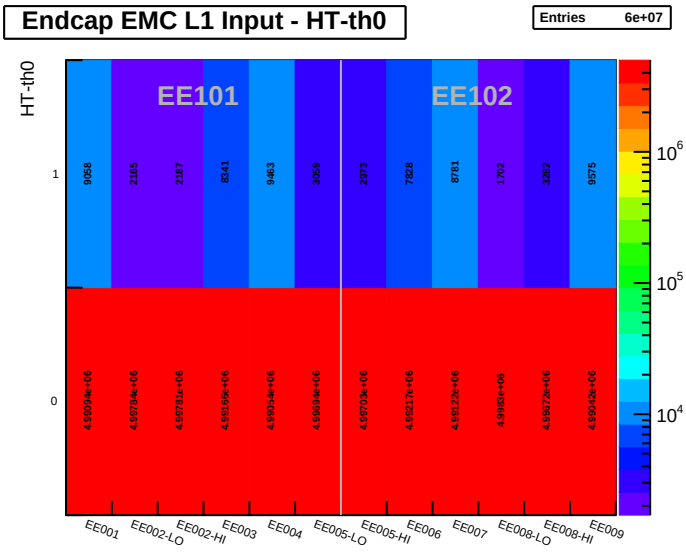

Barrel EMC L1 Input - High Tower Bits
Entries 161319
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

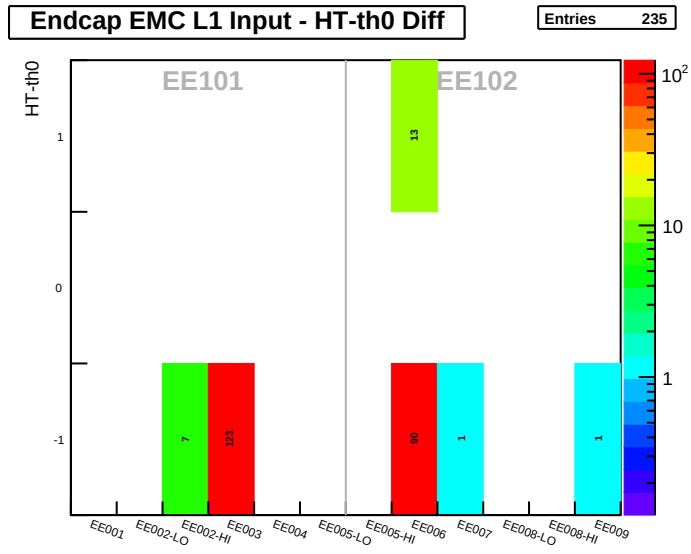

Endcap EMC L1 Input - Low Eta Sum
Entries 6e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

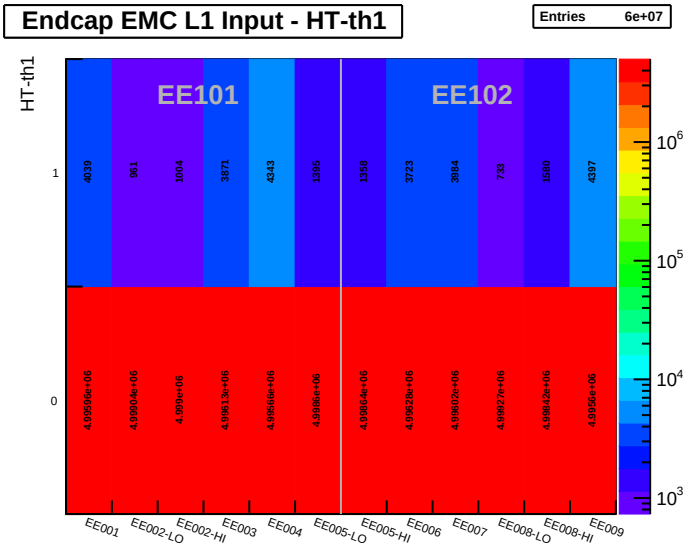

Endcap EMC L1 Input - Low Eta Sum
Entries 1156338
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

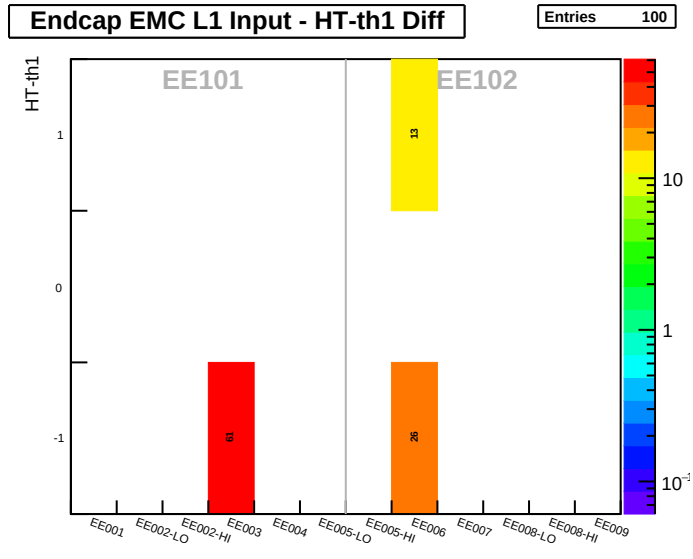

Endcap EMC L1 Input - High Eta Sum
Entries 6e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

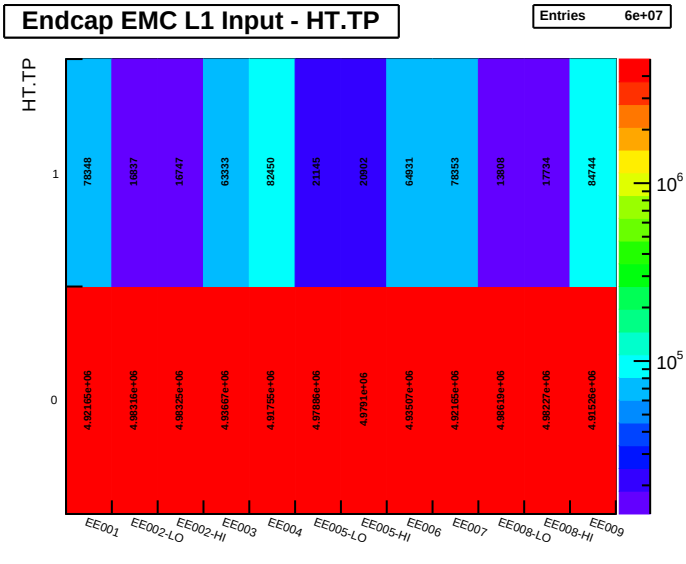

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

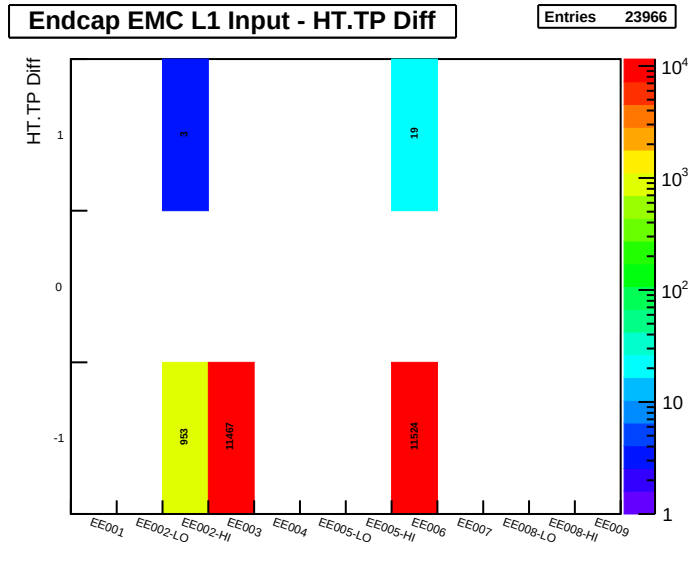

Endcap EMC L1 Input - HT-th0
Entries 6e+07
HT-th0
EE101
EE102
9058
2165
2187
8341
9463
3059
2973
7828
8791
1702
3282
9575
4.99094e+06
4.99784e+06
4.99781e+06
4.99166e+06
4.99054e+06
4.99694e+06
4.99703e+06
4.99217e+06
4.99122e+06
4.99932e+06
4.99672e+06
4.99042e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

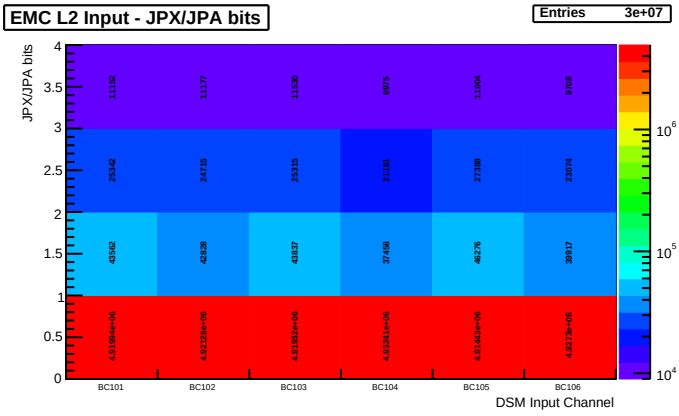

Endcap EMC L1 Input - HT-th0 Diff
Entries 235
HT-th0
EE101
EE102
13
7
123
90
1
1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

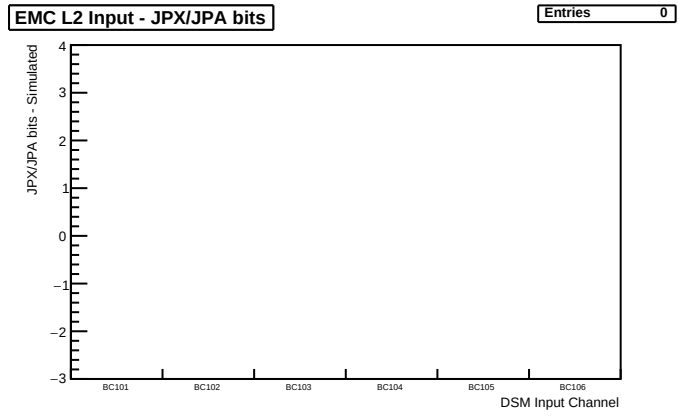

Endcap EMC L1 Input - HT-th1
Entries 6e+07
HT-th1
EE101
EE102
4039
961
1004
3871
4343
1395
1358
3723
3984
733
1580
4397
4.99599e+06
4.99904e+06
4.992e+06
4.99613e+06
4.99566e+06
4.9986e+06
4.99864e+06
4.99628e+06
4.99602e+06
4.99927e+06
4.99842e+06
4.9956e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

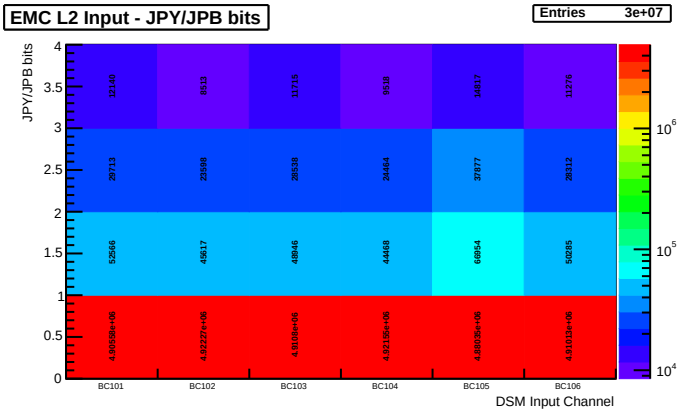

Endcap EMC L1 Input - HT-th1 Diff
Entries 100
HT-th1
EE101
EE102
13
61
26
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

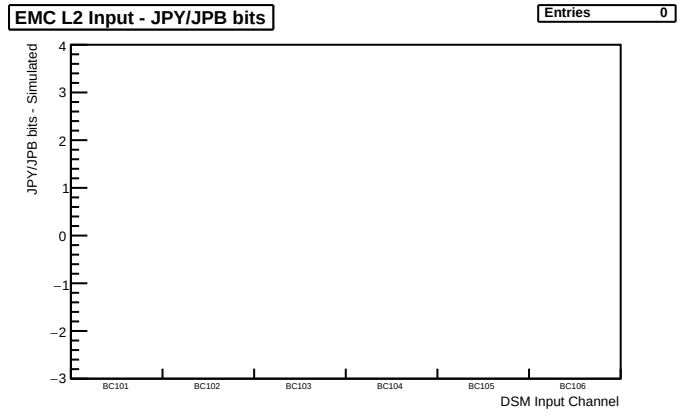

Endcap EMC L1 Input - HT.TP
Entries 6e+07
HT.TP
78348
16837
16747
63333
82450
21145
20902
64931
78353
13808
17734
84744
4.92165e+06
4.98316e+06
4.98325e+06
4.93667e+06
4.91755e+06
4.97886e+06
4.9791e+06
4.93507e+06
4.92165e+06
4.98619e+06
4.98227e+06
4.91526e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

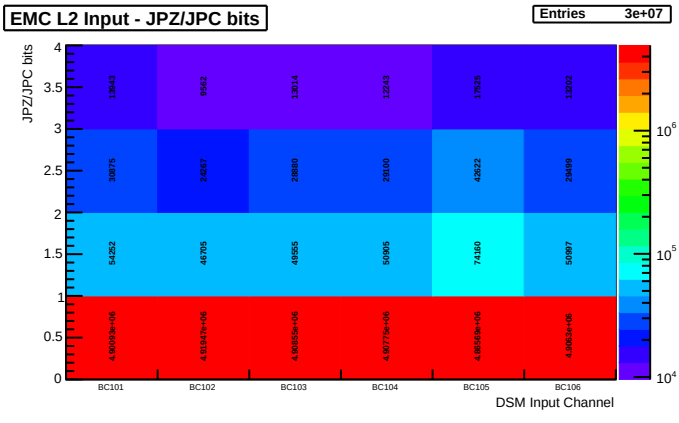

Endcap EMC L1 Input - HT.TP Diff
Entries 23966
HT.TP Diff
3
19
953
11467
11524
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

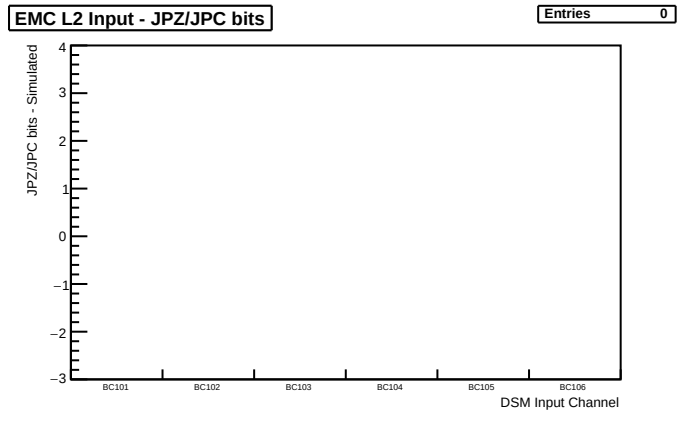

EMC L2 Input - JPX/JPA bits
Entries 3e+07
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
11132 11177 11530 8975 11904 9708
25342 24715 25315 21161 27388 23074
43582 42528 43837 37458 46276 39917
4.91994e+06 4.92128e+06 4.91932e+06 4.93261e+06 4.91443e+06 4.9273e+06

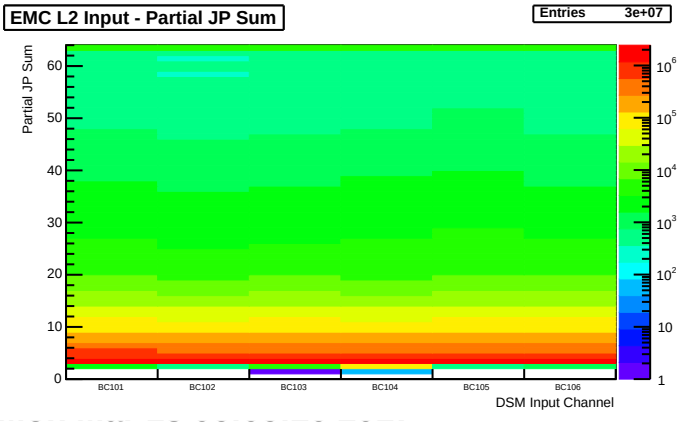

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

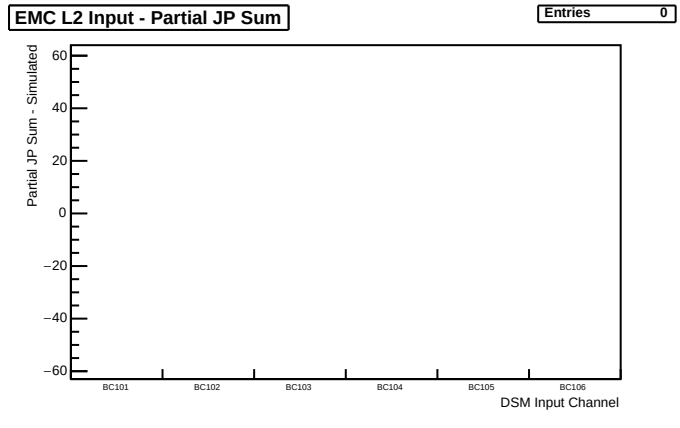

EMC L2 Input - JPY/JPB bits
Entries 3e+07
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
12140 8533 11715 9518 16817 11276
29713 23598 26538 24464 37877 26312
52566 45617 48946 44468 66954 50285
4.90588e+06 4.92227e+06 4.9108e+06 4.92155e+06 4.88035e+06 4.91013e+06

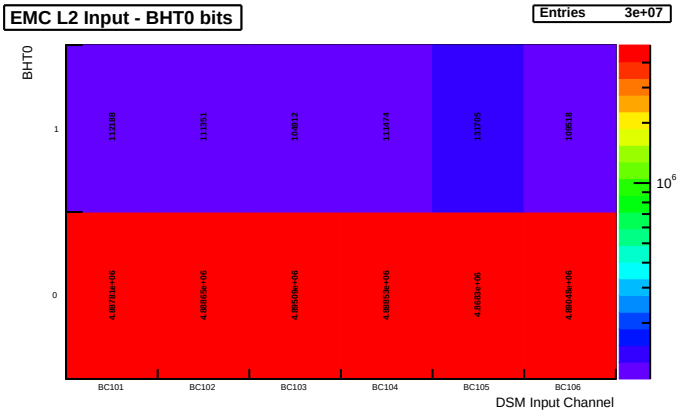

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

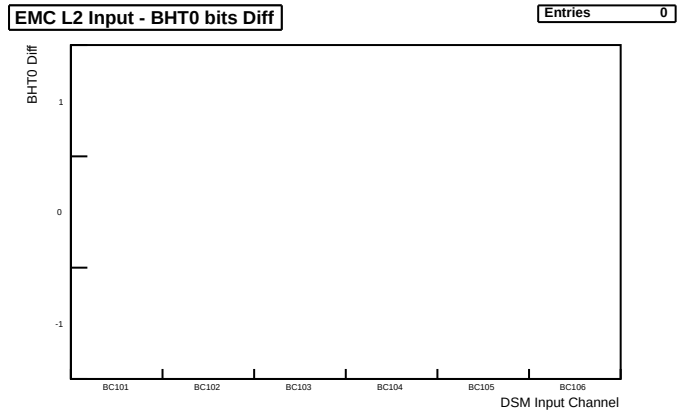

EMC L2 Input - JPZ/JPC bits
Entries 3e+07
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
13843 9562 13014 12243 17525 13202
30875 24587 28880 29100 42522 29469
54252 46705 49555 50905 74160 50997
4.90093e+06 4.91947e+06 4.90856e+06 4.90779e+06 4.86958e+06 4.9063e+06

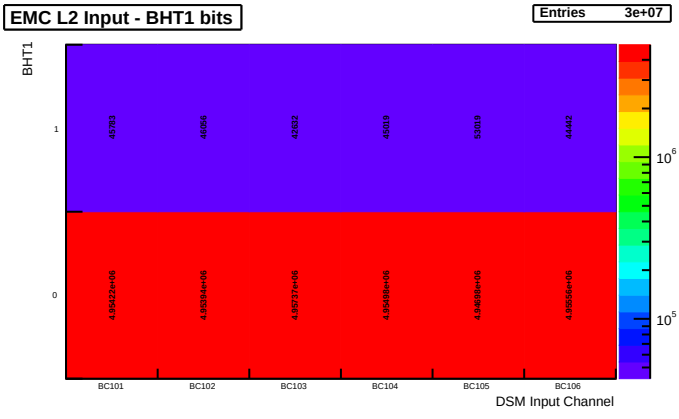

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

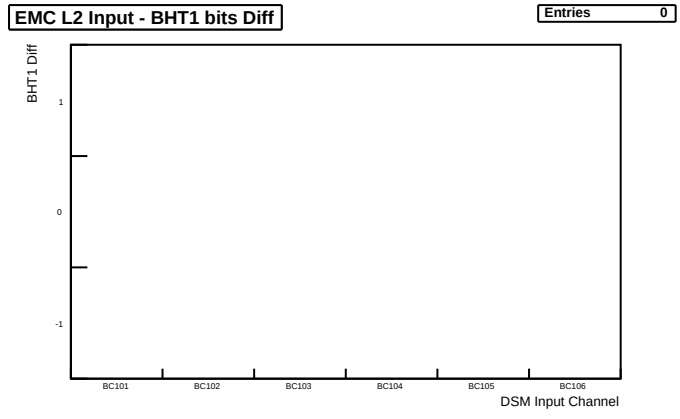

EMC L2 Input - Partial JP Sum
Entries 3e+07
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

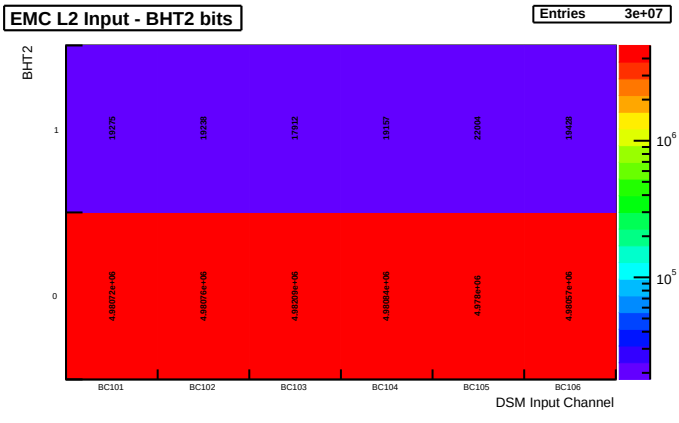

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

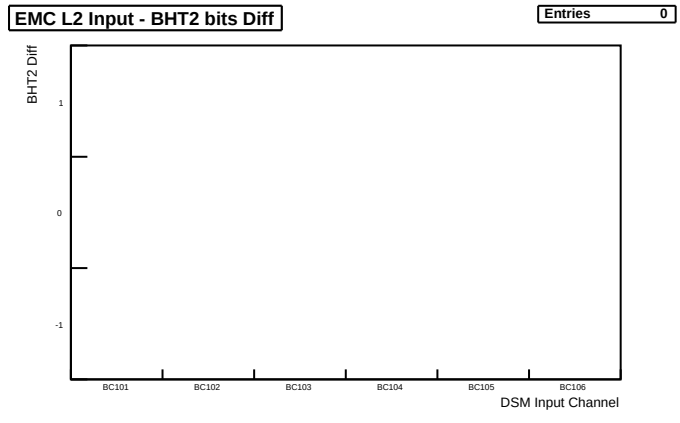

EMC L2 Input - BHT0 bits
Entries 3e+07
BHT0
1
0
112188
111351
104012
111474
131705
109518
4.89781e+06
4.89895e+06
4.89509e+06
4.89853e+06
4.93689e+06
4.89049e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

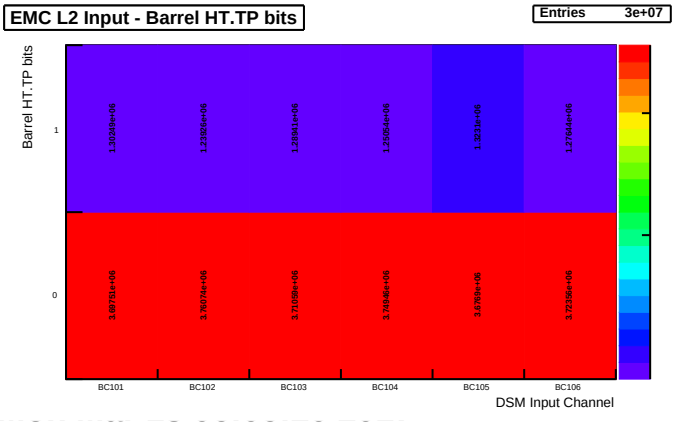

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

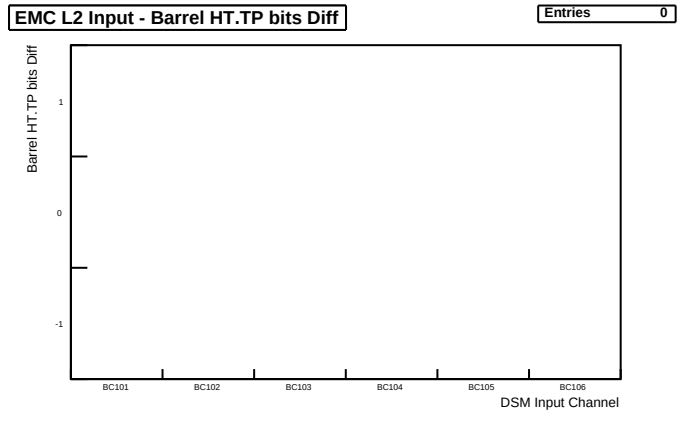

EMC L2 Input - BHT1 bits
Entries 3e+07
BHT1
1
0
45783
46056
42632
45019
53019
44442
4.95422e+06
4.95394e+06
4.95737e+06
4.95499e+06
4.94598e+06
4.95556e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

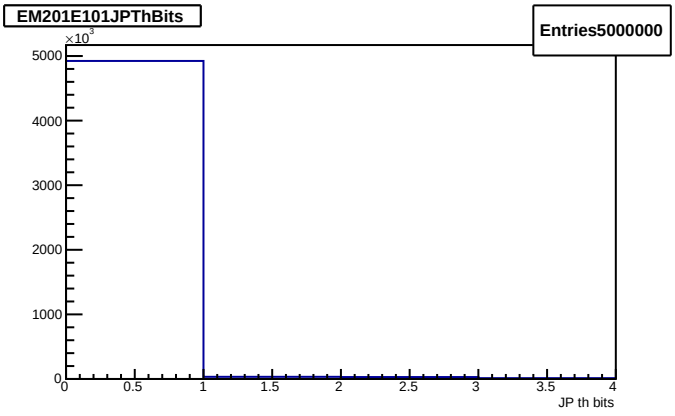

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

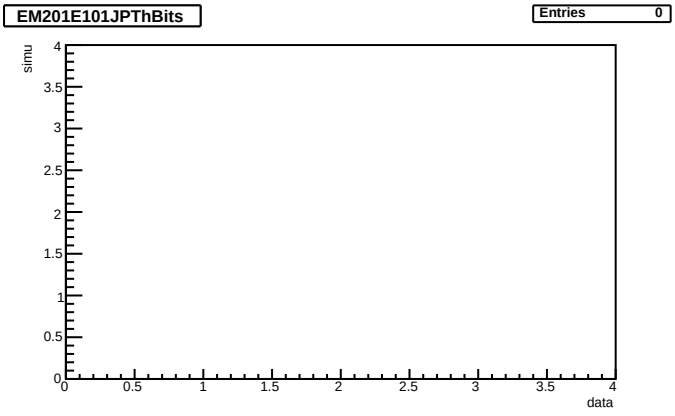

EMC L2 Input - BHT2 bits
Entries 3e+07
BHT2
1
0
19275
19238
17912
19157
22004
19328
4.98072e+06
4.98075e+06
4.98209e+06
4.98084e+06
4.979e+06
4.98037e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

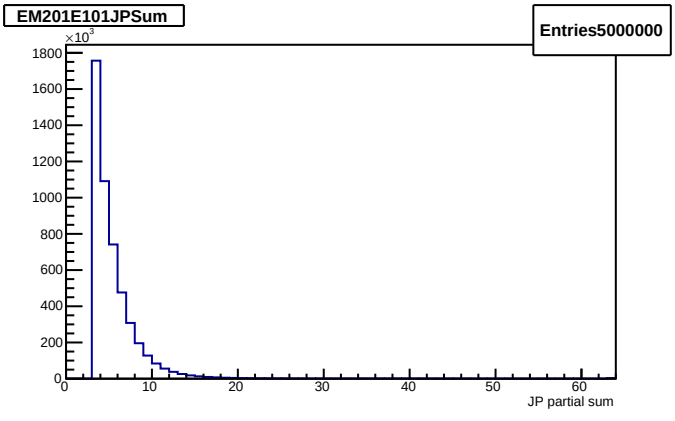

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

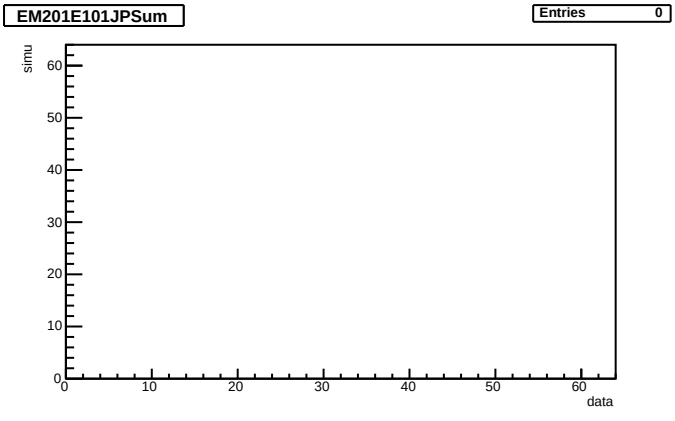

EMC L2 Input - Barrel HT.TP bits
Entries 3e+07
Barrel HT.TP bits
1
0
1.30349e+06
1.23276e+06
1.28941e+06
1.2505e+06
1.3231e+06
1.2764e+06
3.69731e+06
3.76076e+06
3.71059e+06
3.74946e+06
3.6769e+06
3.72355e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

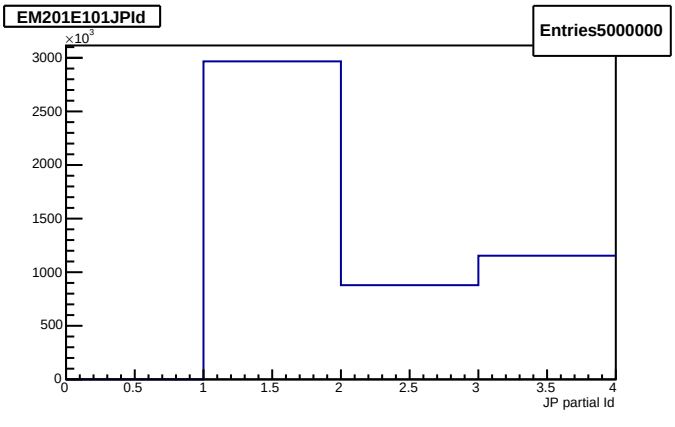

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

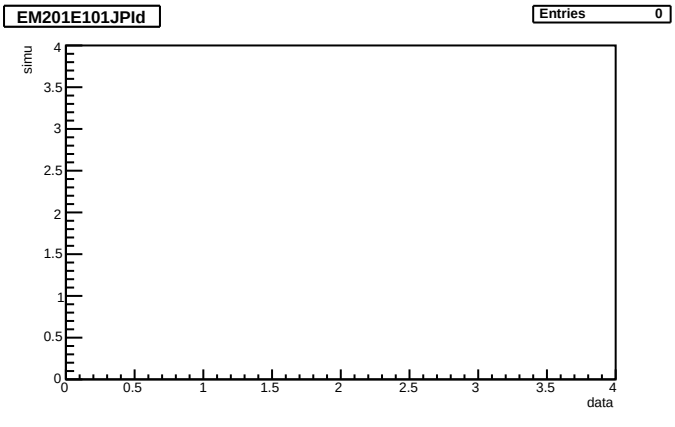

EM201E101JPThBits
Entries5000000
×10^3
JP th bits

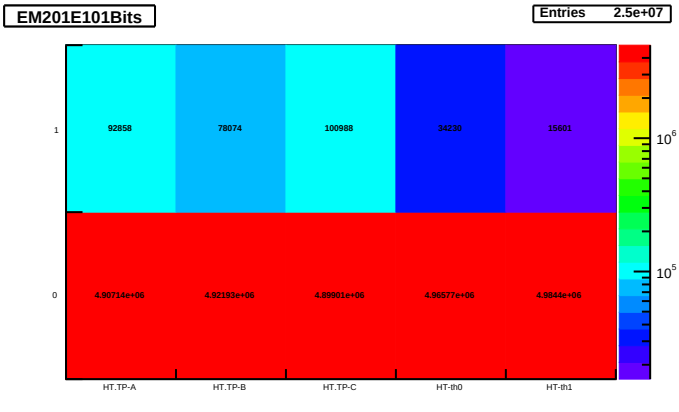

EM201E101JPThBits
Entries 0
simu
data

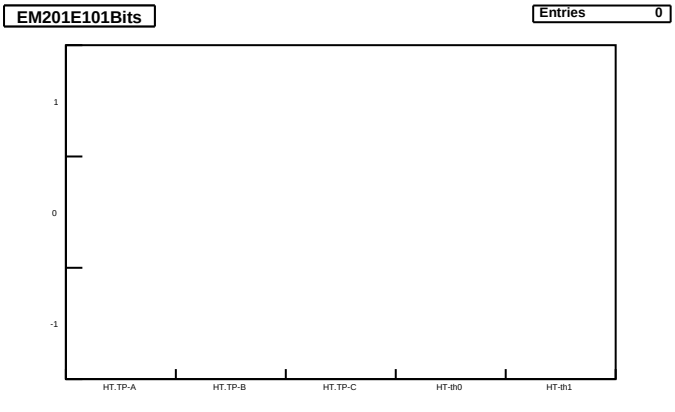

EM201E101JPSum
Entries5000000
×10^3
JP partial sum

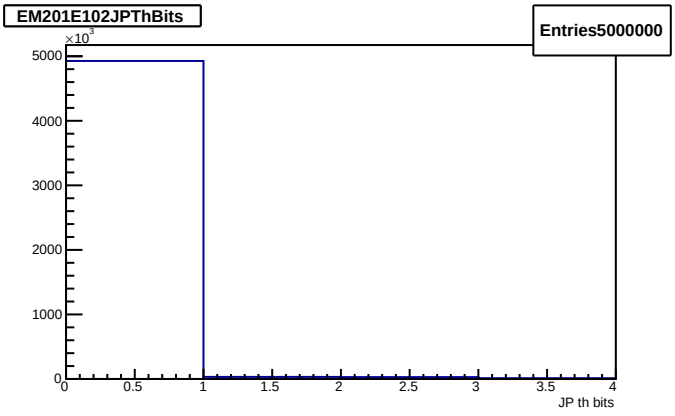

EM201E101JPSum
Entries 0
simu
data

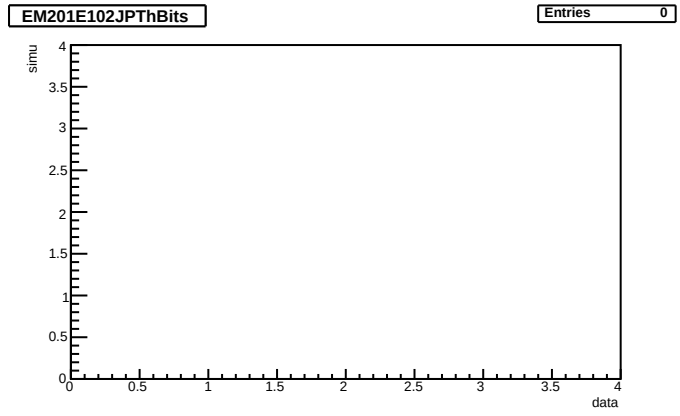

EM201E101JPId
Entries5000000
×10^3
JP partial Id

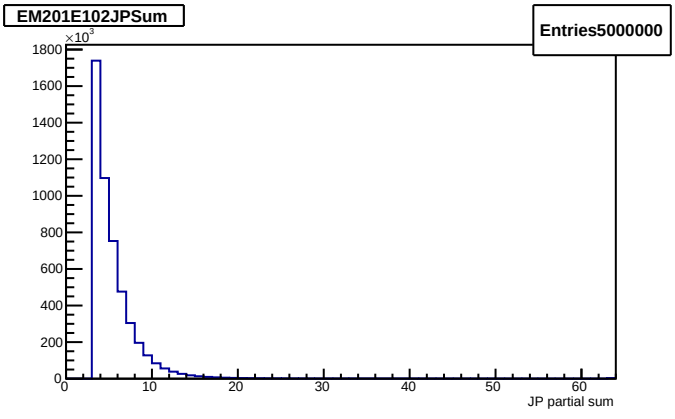

EM201E101JPId
Entries 0
simu
data

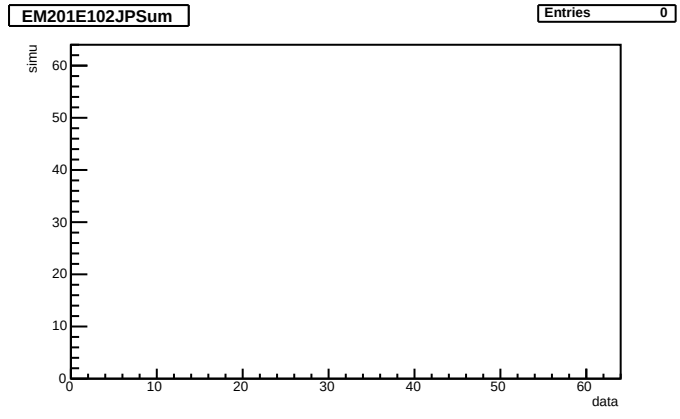

EM201E101Bits
Entries 2.5e+07
92858
78074
100988
34230
15601
4.90714e+06
4.92193e+06
4.89901e+06
4.96577e+06
4.9844e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

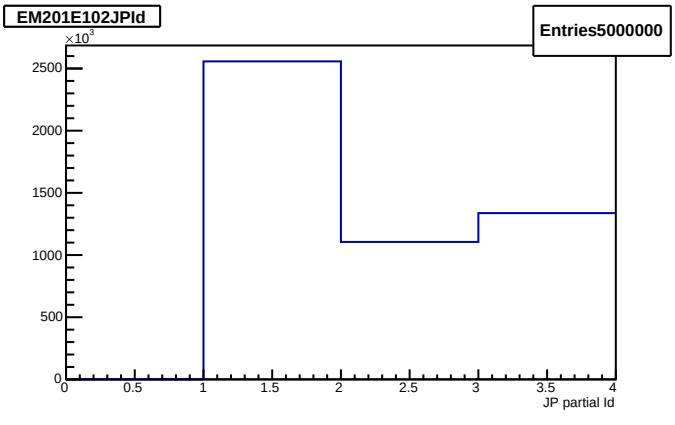

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

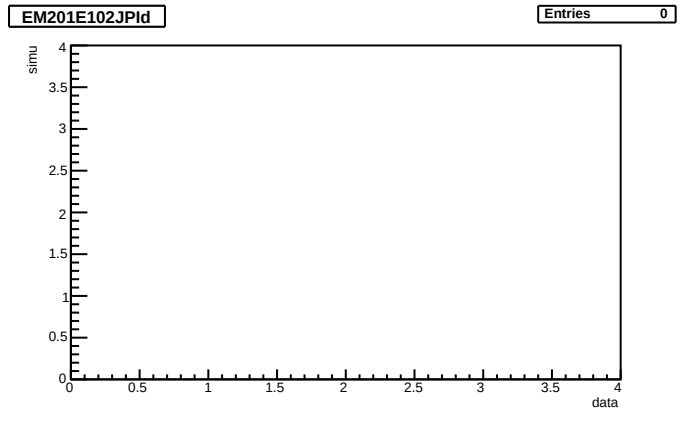

EM201E102JPThBits
Entries5000000
JP th bits

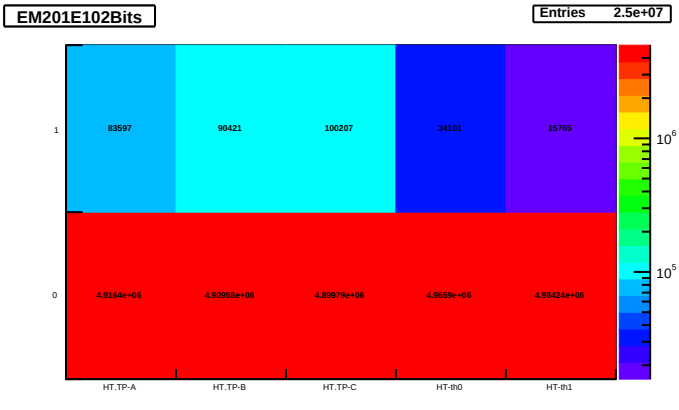

EM201E102JPThBits
Entries 0
simu
data

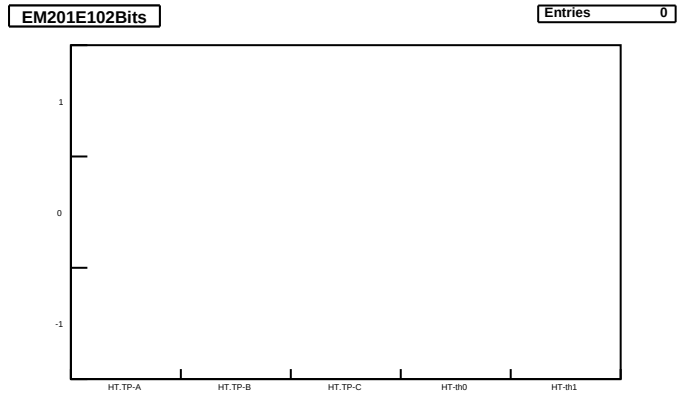

EM201E102JPSum
Entries5000000
JP partial sum

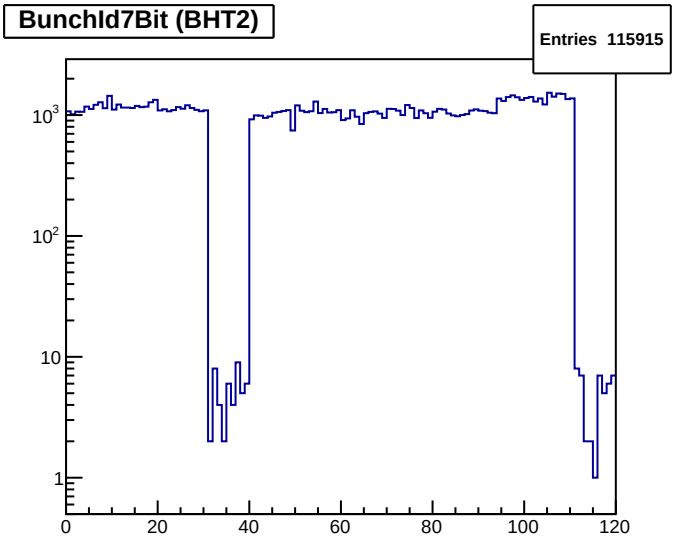

EM201E102JPSum
Entries 0
simu
data

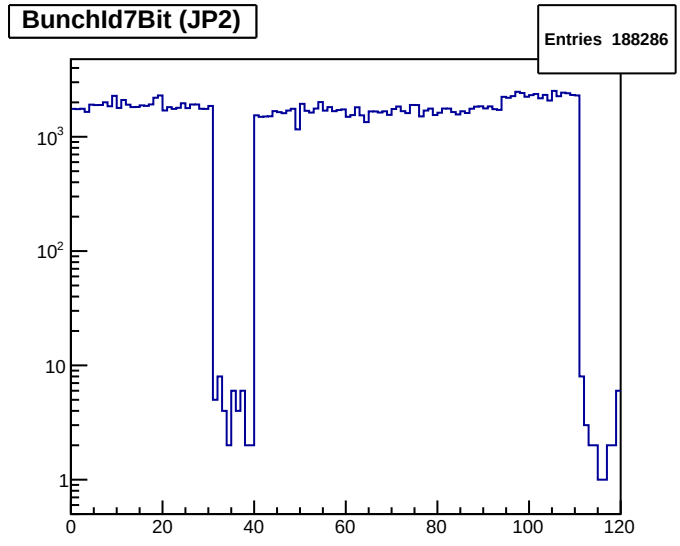

EM201E102JPId
Entries5000000
JP partial Id

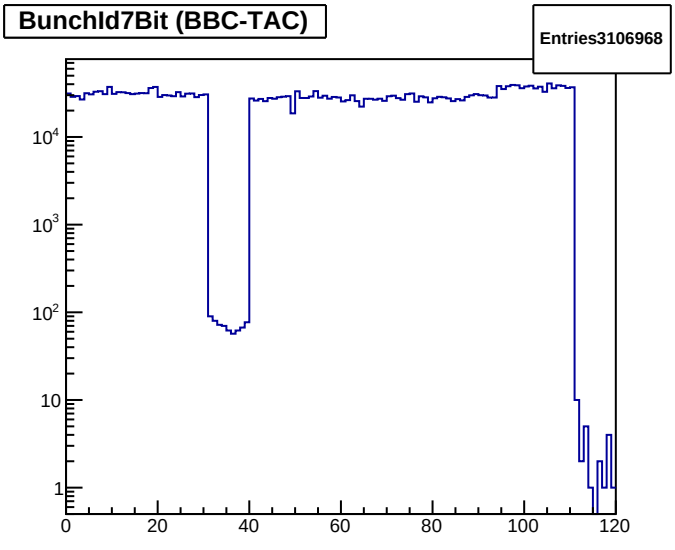

EM201E102JPId
Entries 0
simu
data

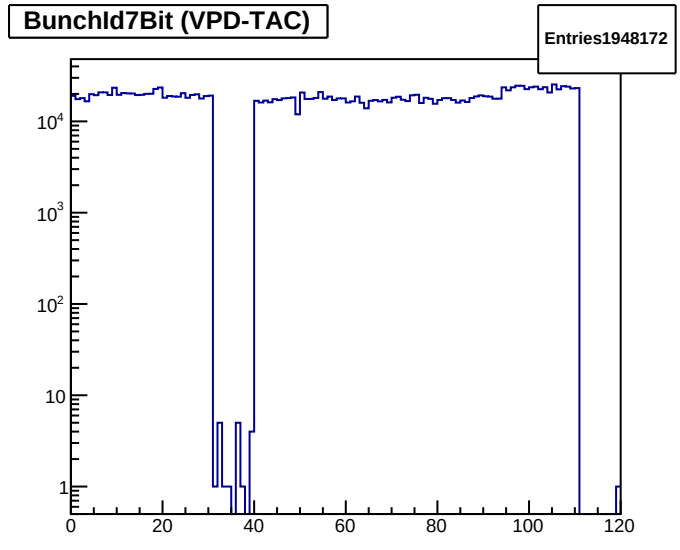

EM201E102Bits
Entries 2.5e+07
83597
90421
100207
34101
15765
4.9164e+06
4.90958e+06
4.89979e+06
4.9659e+06
4.98424e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

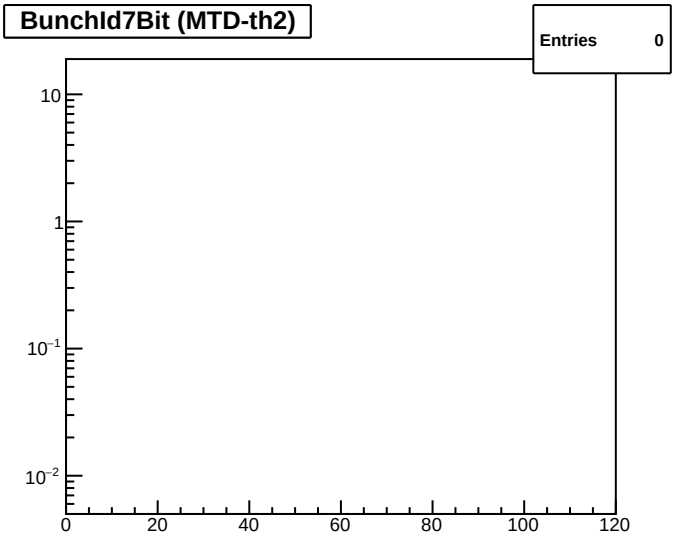

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

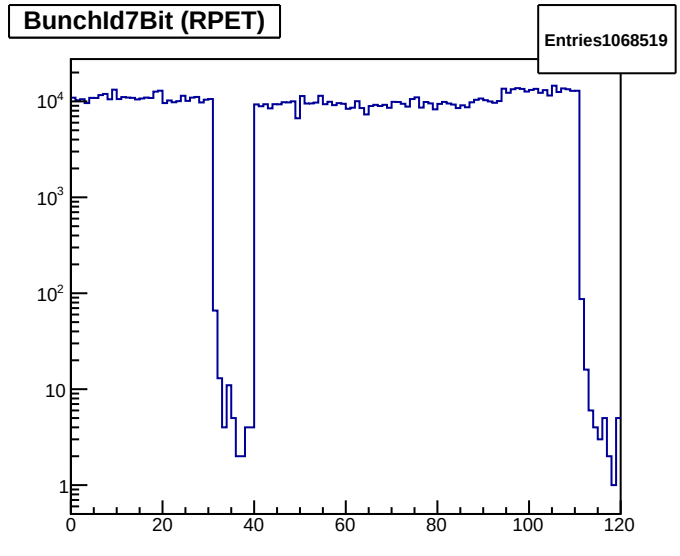

BunchId7Bit (BHT2)
Entries 115915

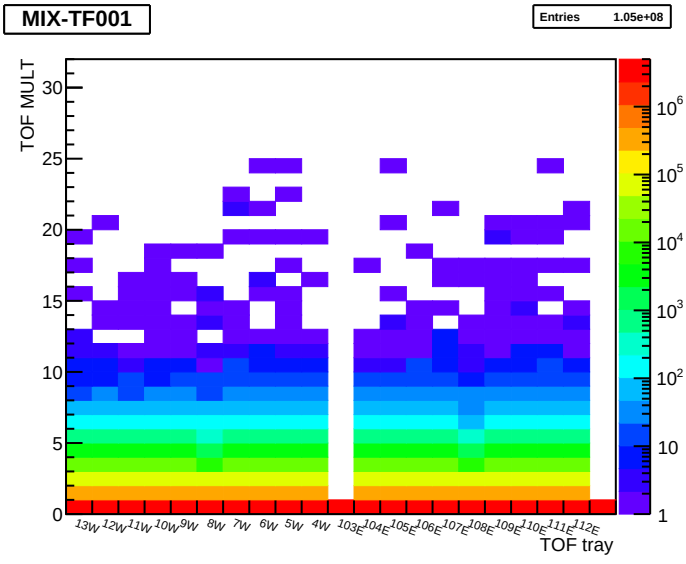

BunchId7Bit (JP2)
Entries 188286

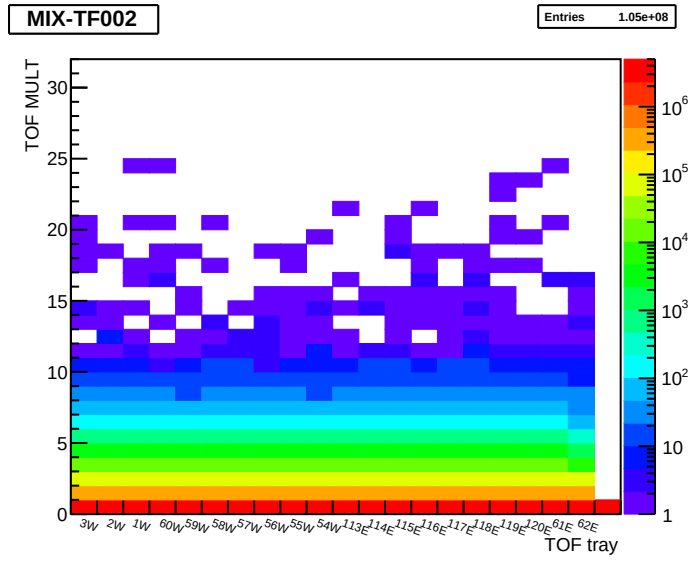

BunchId7Bit (BBC-TAC)
Entries3106968

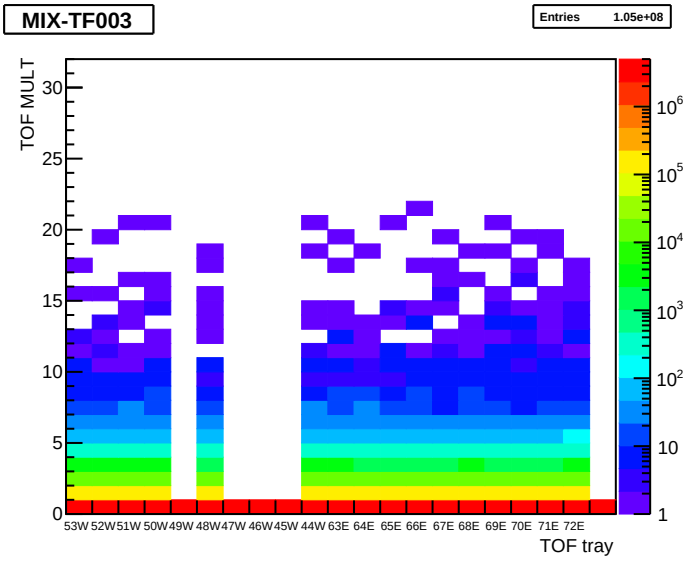

BunchId7Bit (VPD-TAC)
Entries1948172

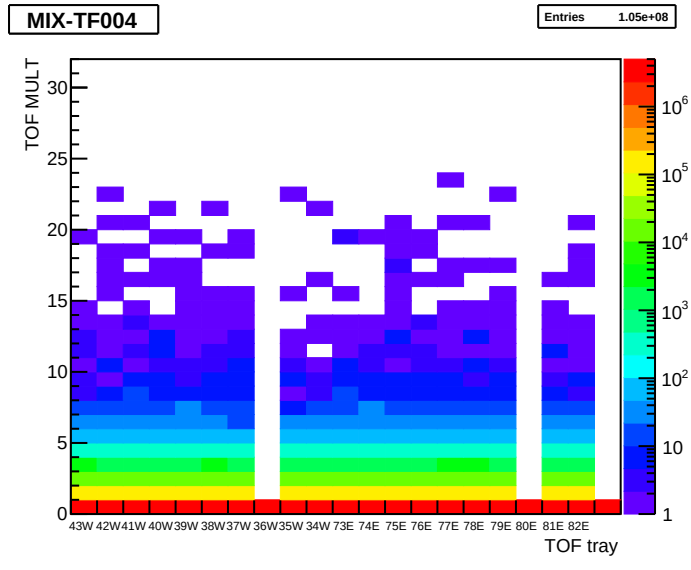

BunchId7Bit (MTD-th2)
Entries 0

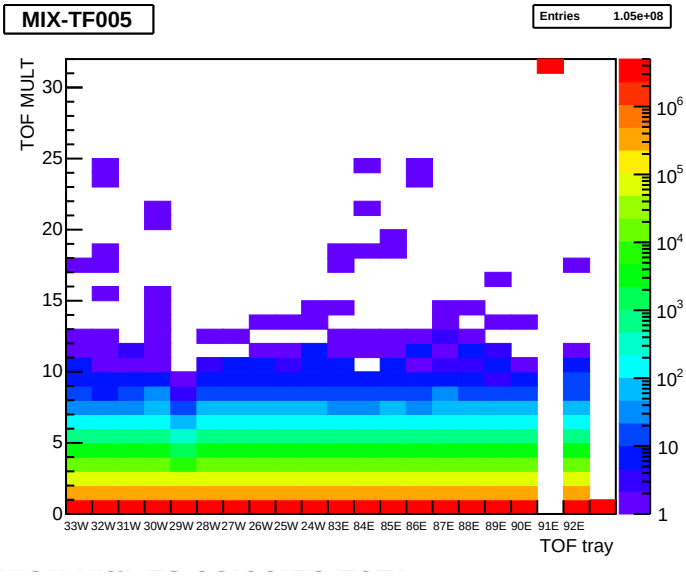

BunchId7Bit (RPET)
Entries1068519

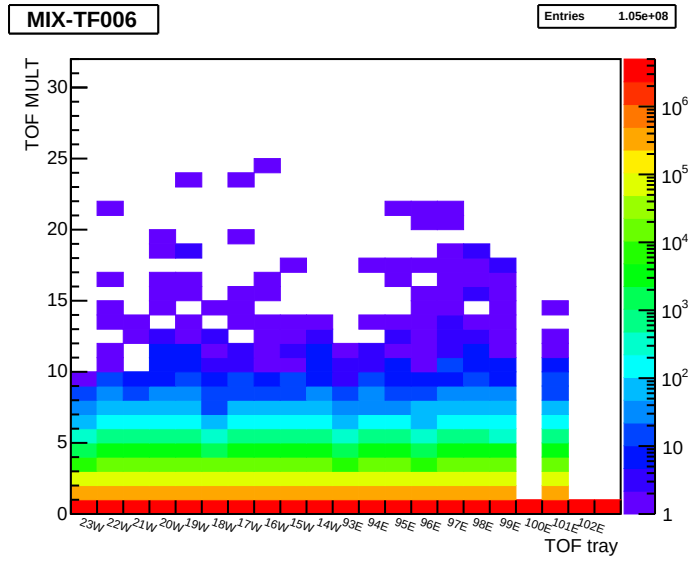

MIX-TF001
Entries 1.05e+08
TOF MULT
TOF tray

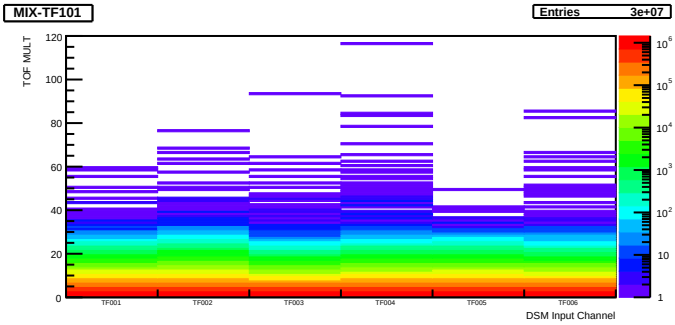

MIX-TF002
Entries 1.05e+08
TOF MULT
TOF tray

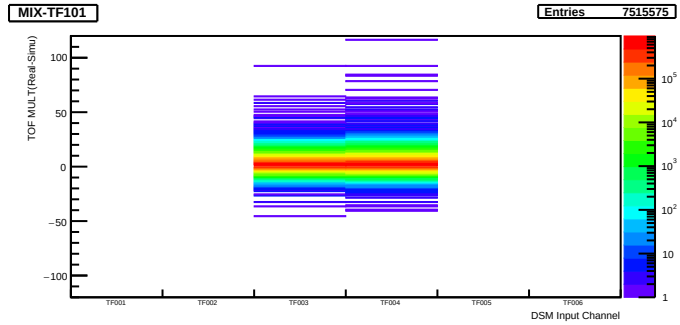

MIX-TF003
Entries 1.05e+08
TOF MULT
TOF tray

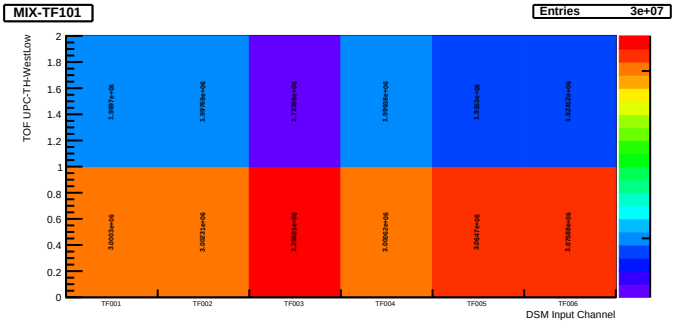

MIX-TF004
Entries 1.05e+08
TOF MULT
TOF tray

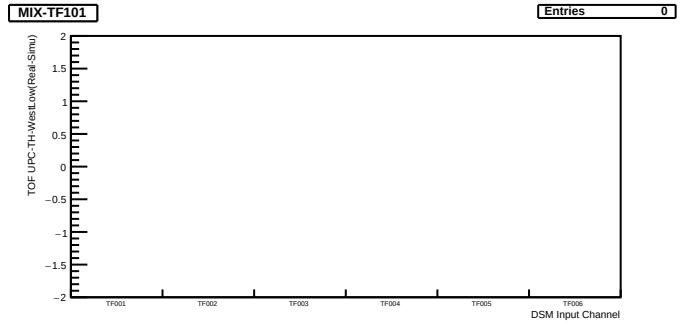

MIX-TF005
Entries 1.05e+08
TOF MULT
TOF tray

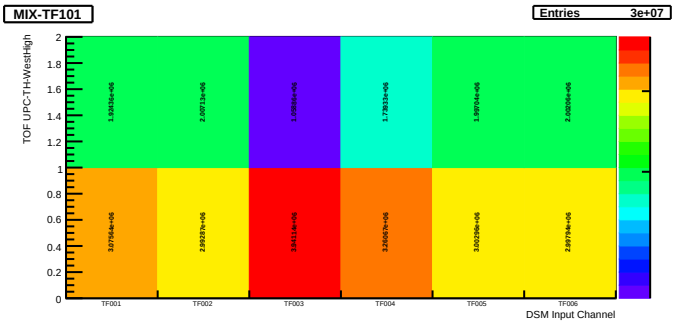

MIX-TF006
Entries 1.05e+08
TOF MULT
TOF tray

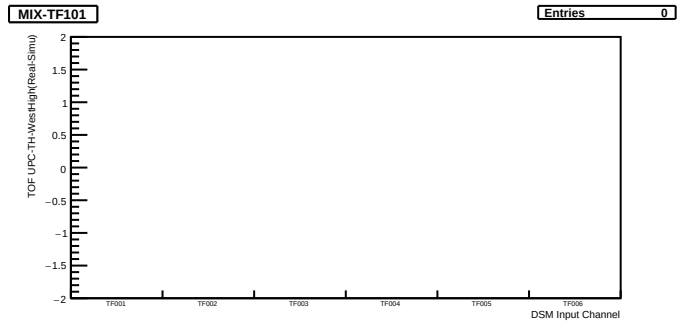

MIX-TF101
Entries 3e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

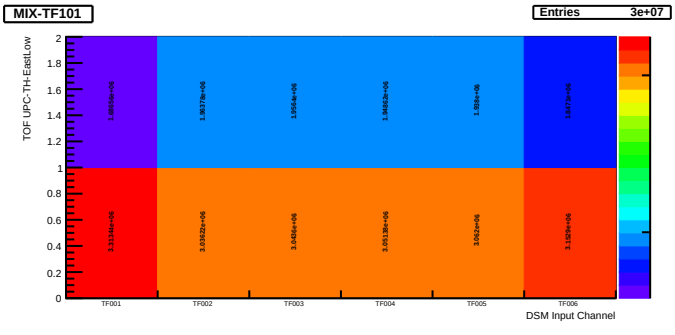

MIX-TF101
Entries 7515575
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

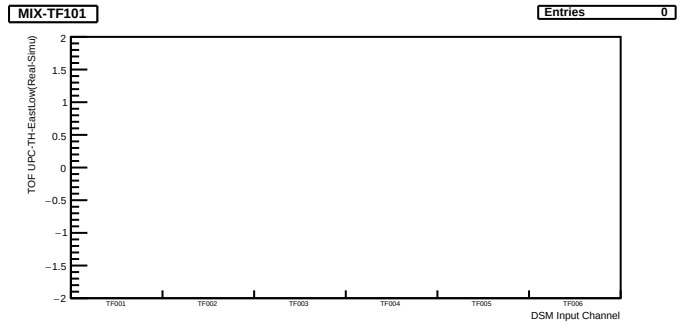

MIX-TF101
Entries 3e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

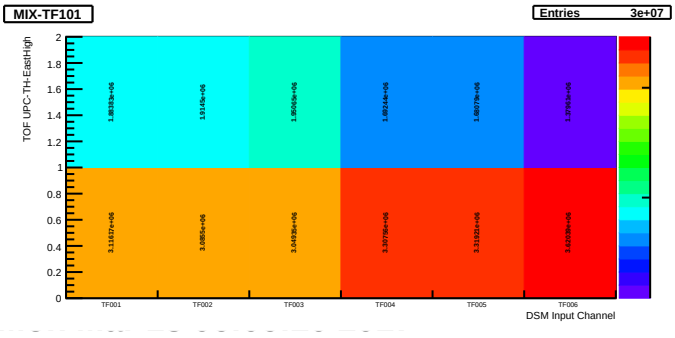

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

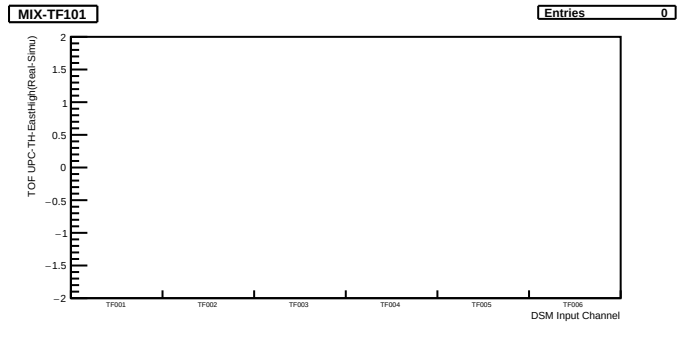

MIX-TF101
Entries 3e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

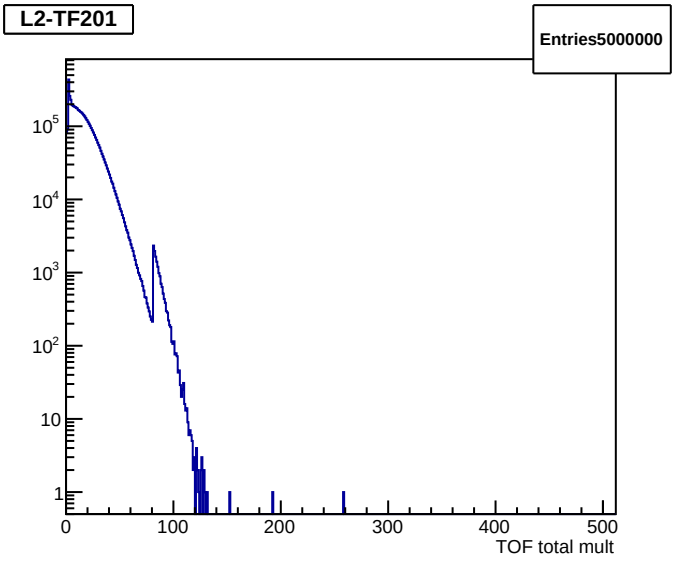

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

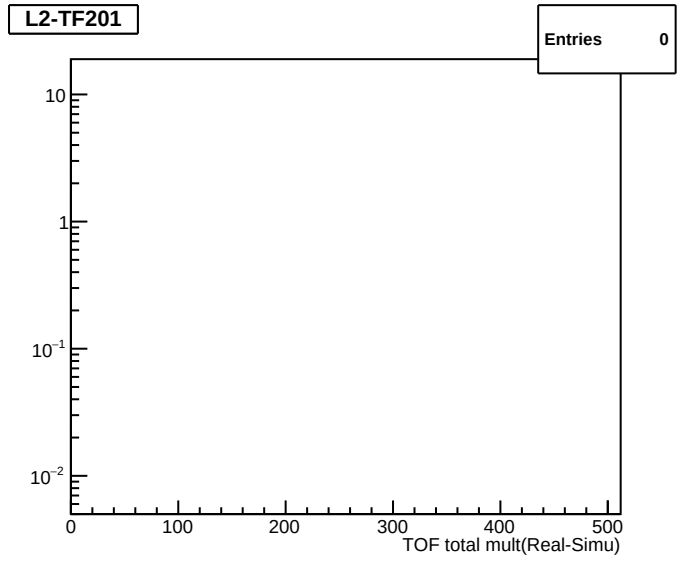

MIX-TF101
Entries 3e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

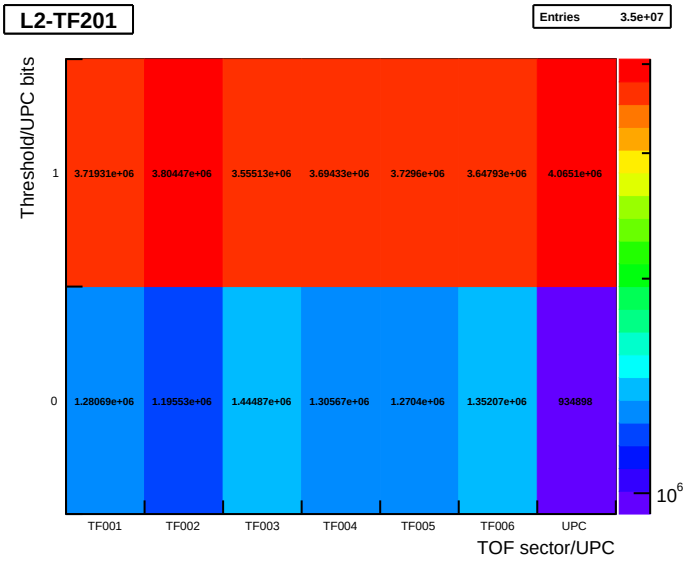

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

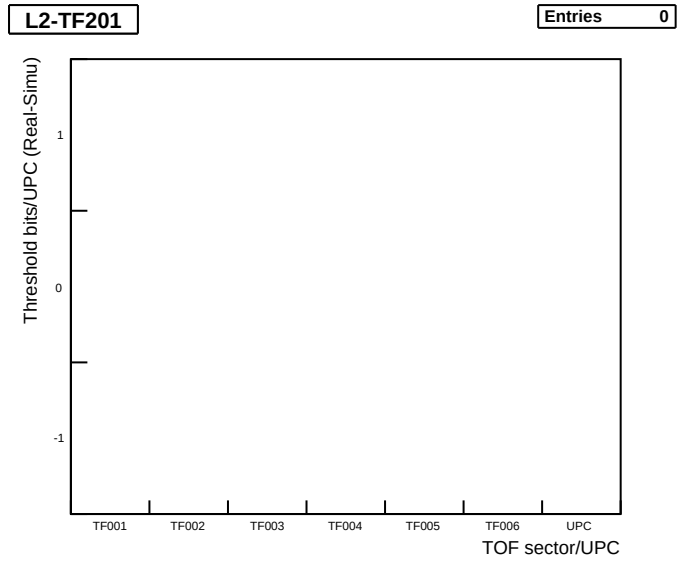

MIX-TF101
Entries 3e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

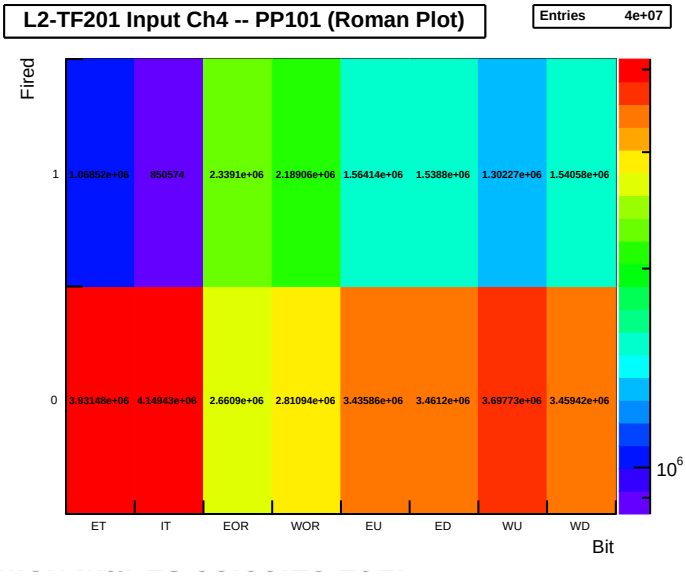

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

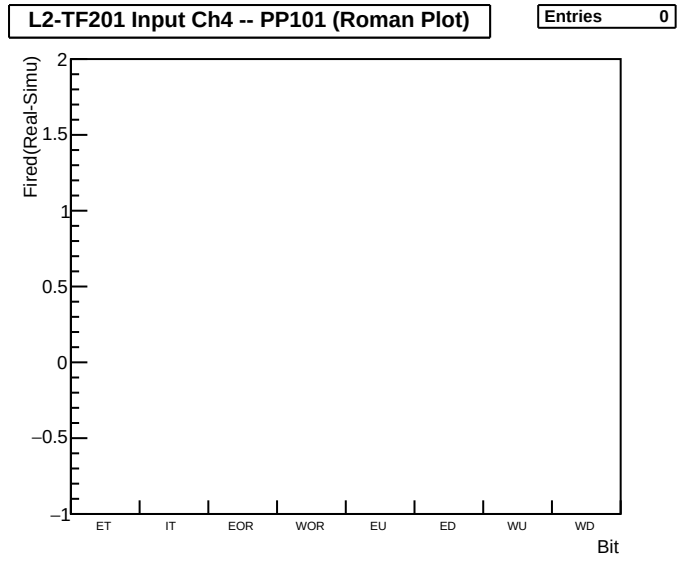

L2-TF201
Entries5000000
TOF total mult

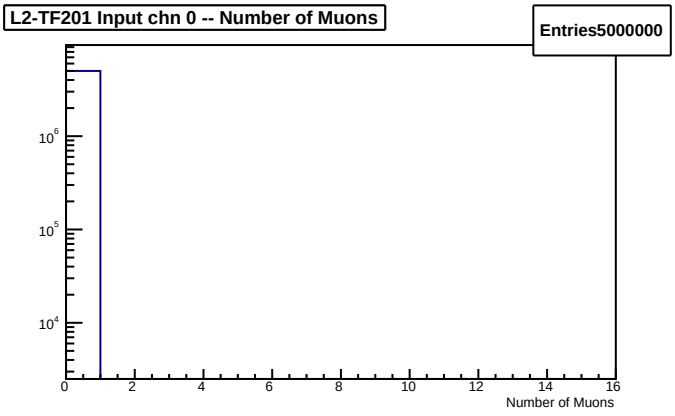

L2-TF201
Entries 0
TOF total mult(Real-Simu)

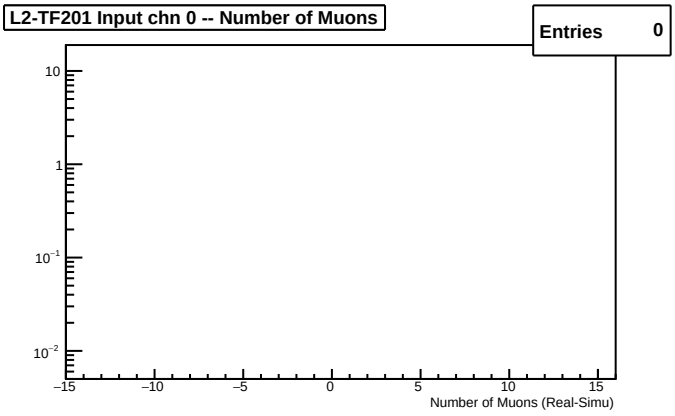

L2-TF201
Entries 3.5e+07
Threshold/UPC bits
3.71931e+06
3.80447e+06
3.55513e+06
3.69433e+06
3.7296e+06
3.64793e+06
4.0651e+06
1.28069e+06
1.19553e+06
1.44487e+06
1.30567e+06
1.2704e+06
1.35207e+06
934898
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

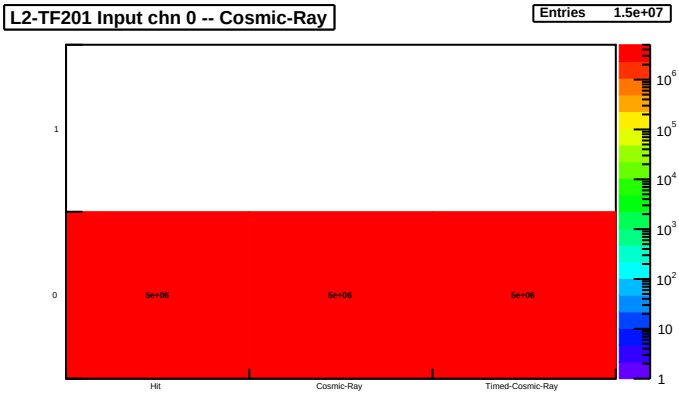

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

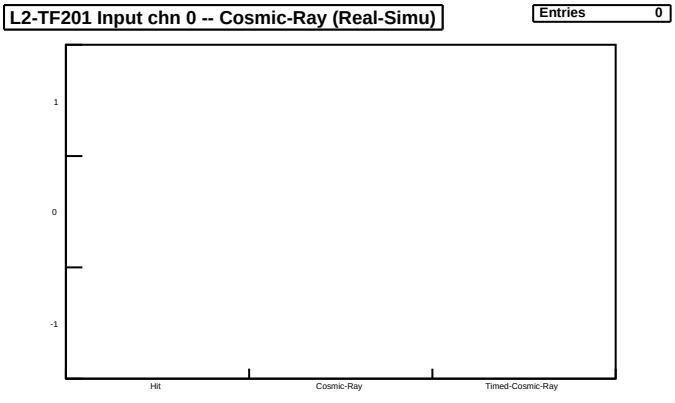

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4e+07
Fired
1.06852e+06
850574
2.3391e+06
2.18906e+06
1.56414e+06
1.5388e+06
1.30227e+06
1.54058e+06
3.93148e+06
4.14943e+06
2.6609e+06
2.81094e+06
3.43586e+06
3.4612e+06
3.69773e+06
3.45942e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

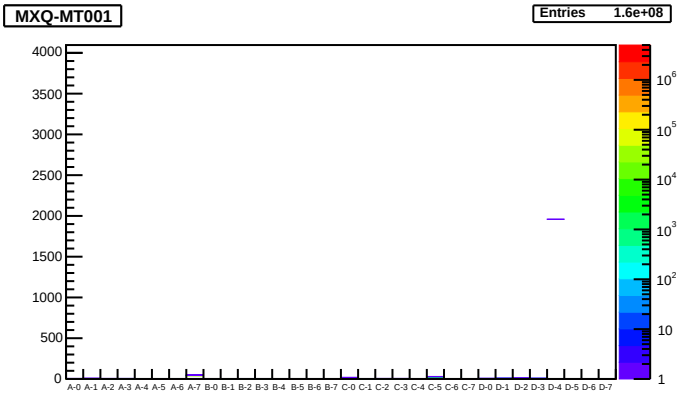

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

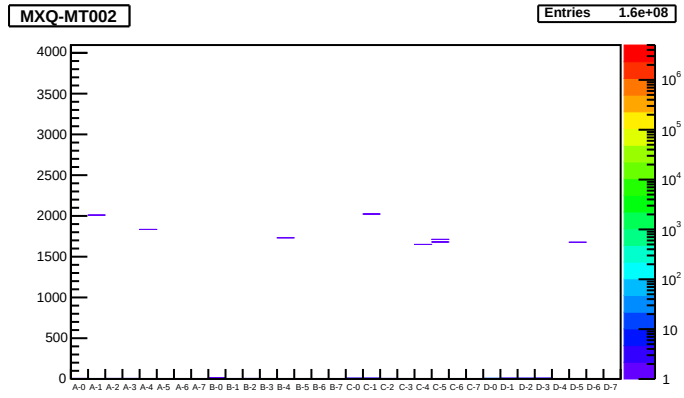

L2-TF201 Input chn 0 -- Number of Muons
Entries5000000
Number of Muons

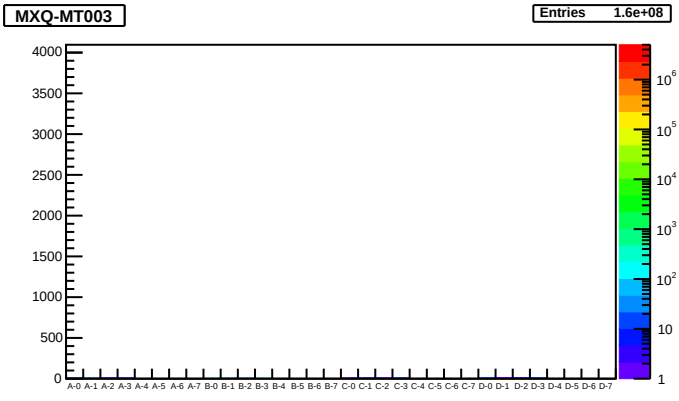

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

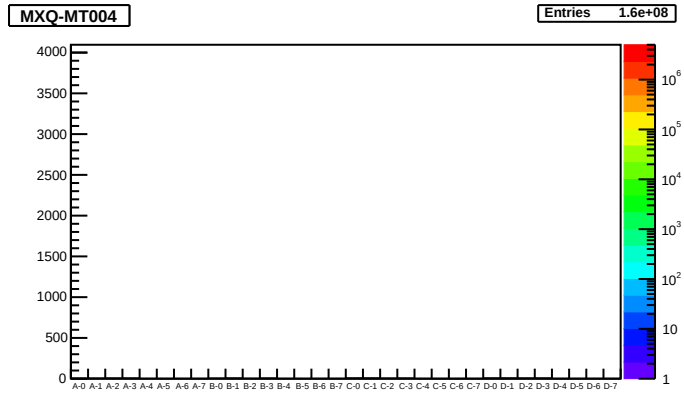

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.5e+07
5e+06
5e+06
5e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

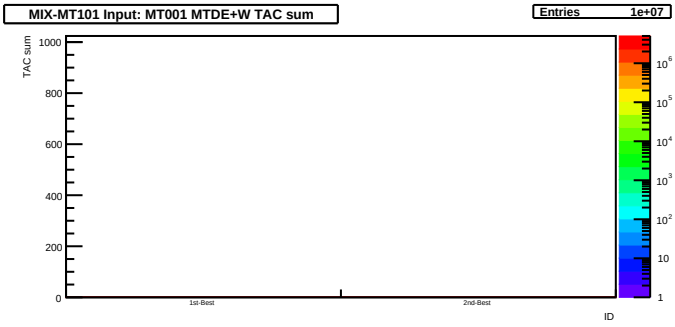

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

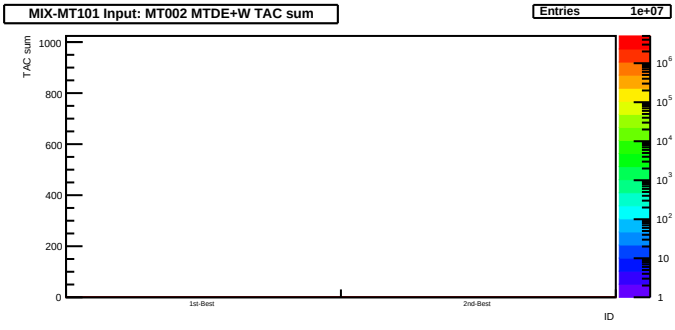

MXQ-MT001
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

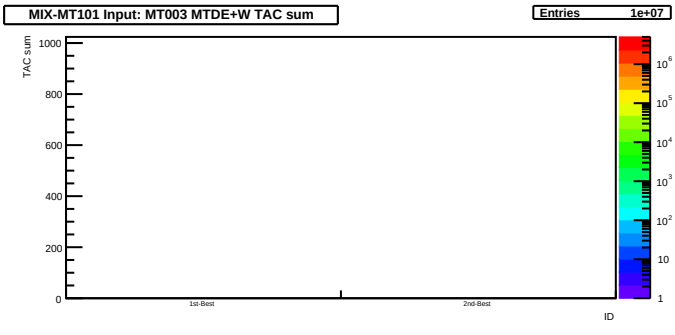

MXQ-MT002
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

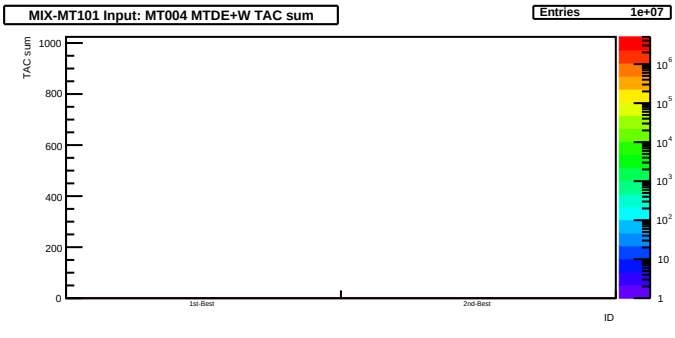

MXQ-MT003
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

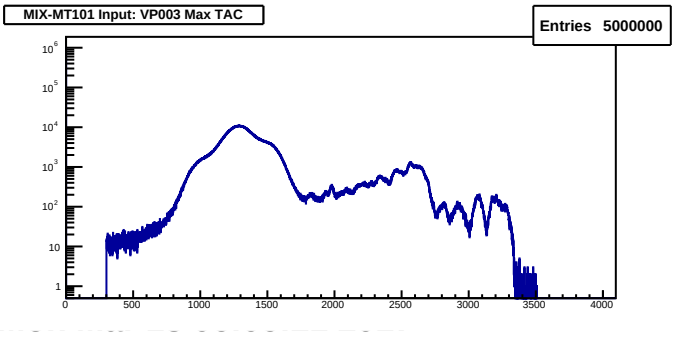

MXQ-MT004
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

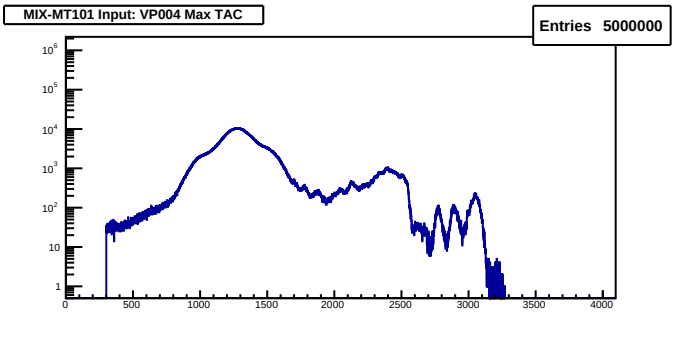

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1e+07
TAC sum
1st-Best
2nd-Best
ID

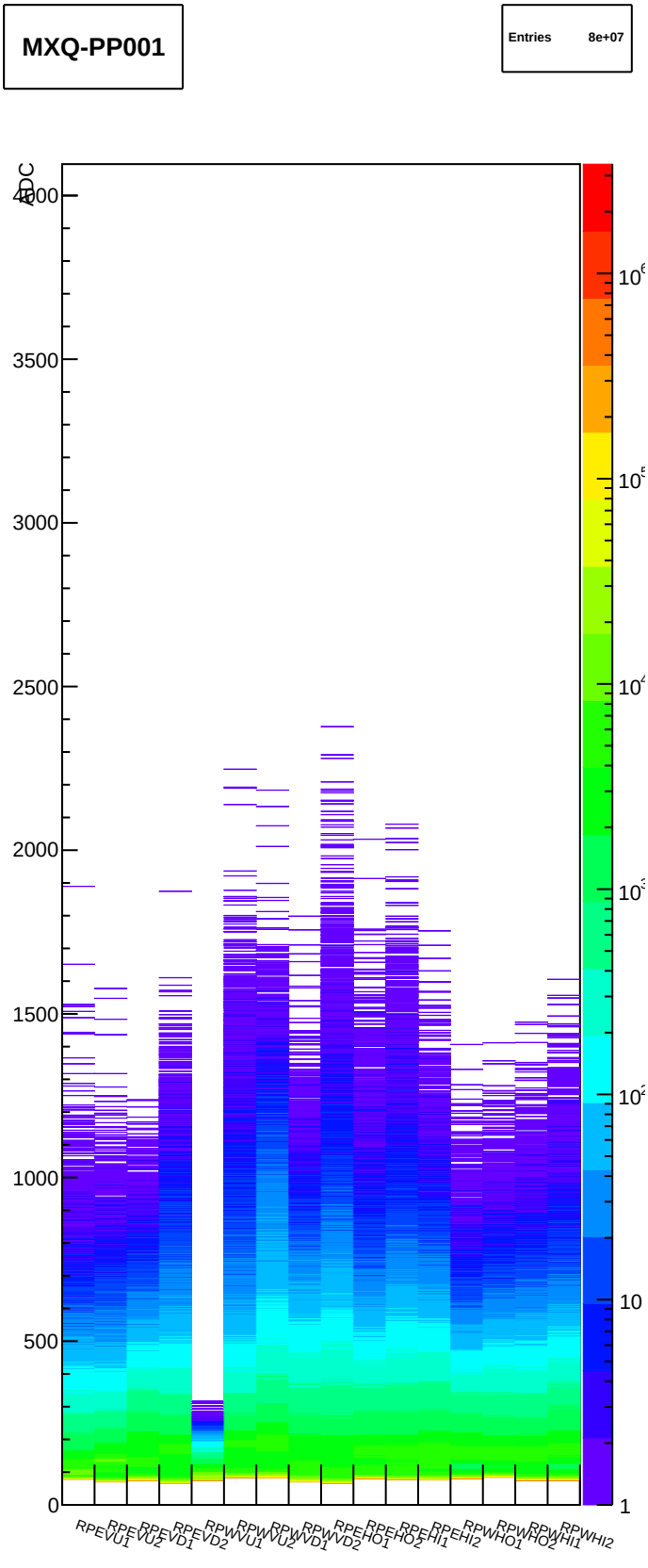

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1e+07
TAC sum
1st-Best
2nd-Best
ID

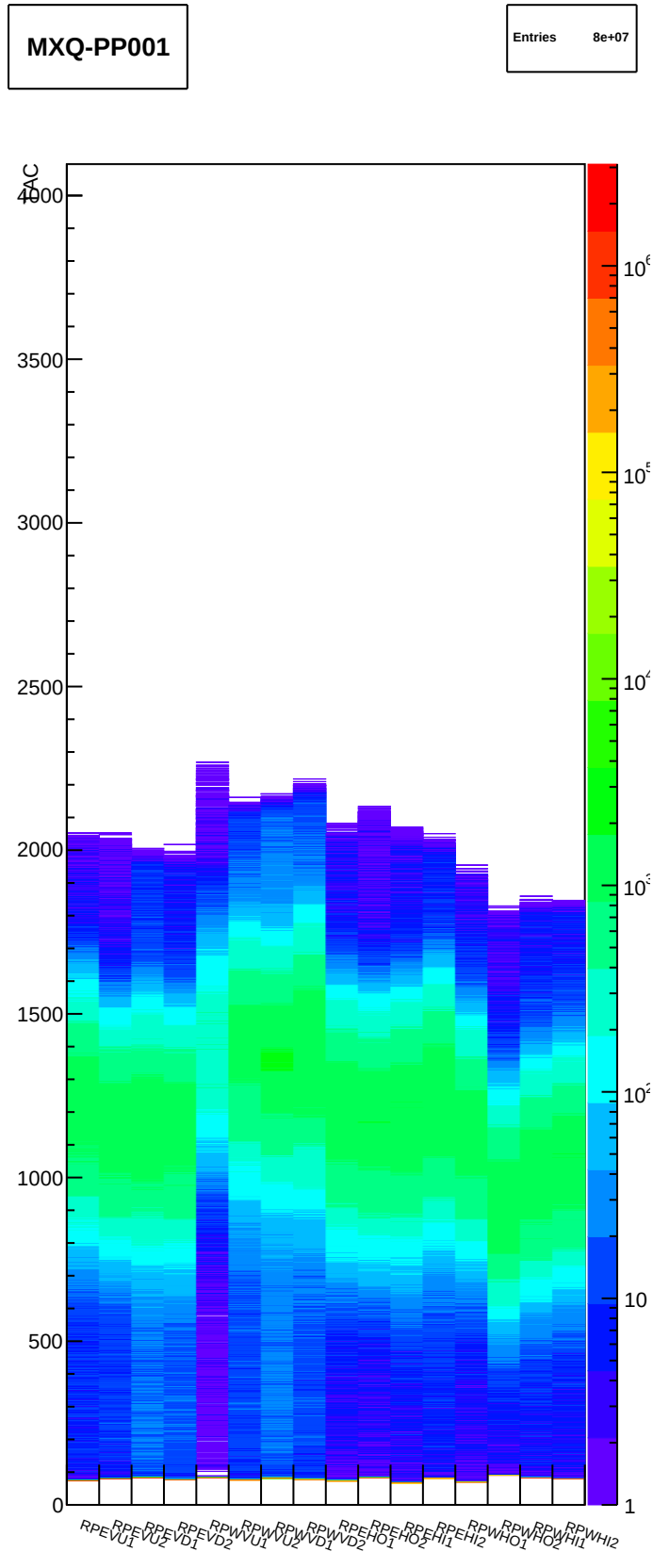

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1e+07
TAC sum
1st-Best
2nd-Best
ID

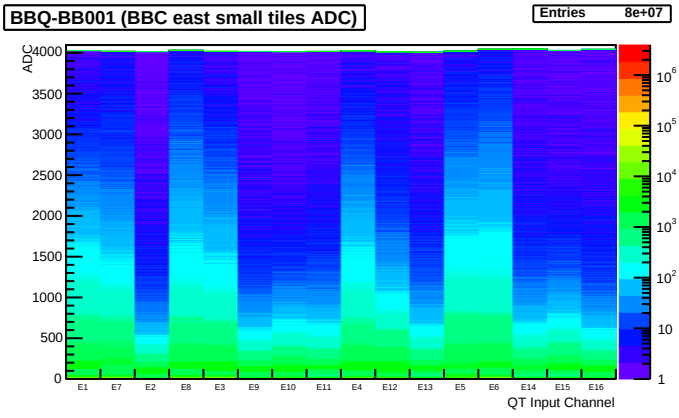

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1e+07
TAC sum
1st-Best
2nd-Best
ID

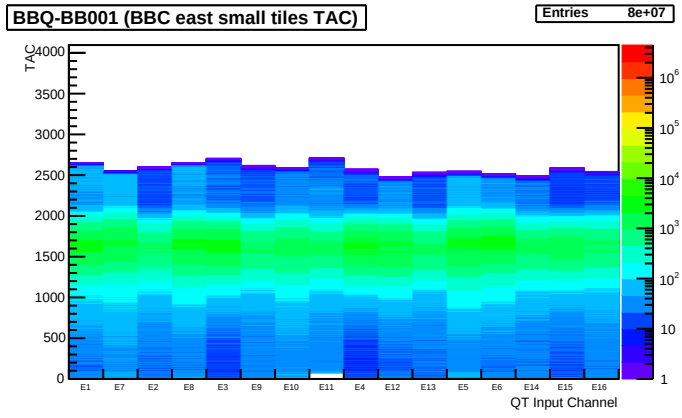

MIX-MT101 Input: VP003 Max TAC
Entries 5000000

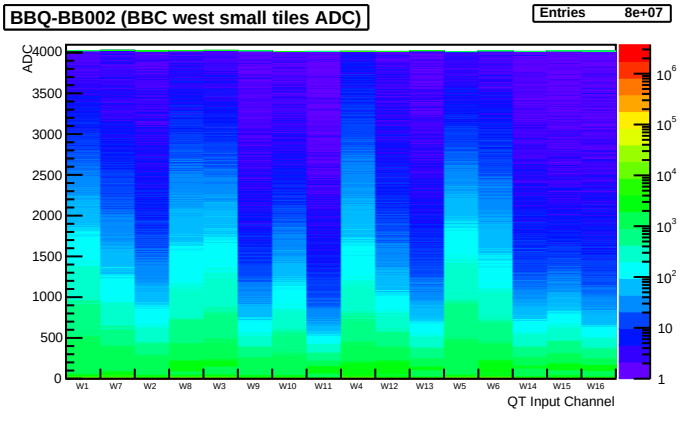

MIX-MT101 Input: VP004 Max TAC
Entries 5000000

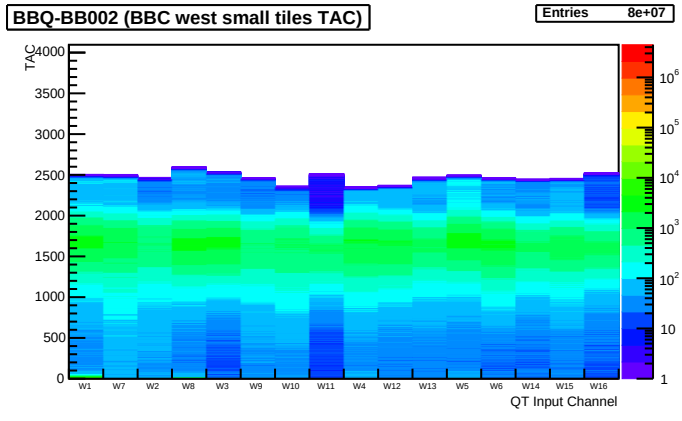

MXQ-PP001
Entries 8e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

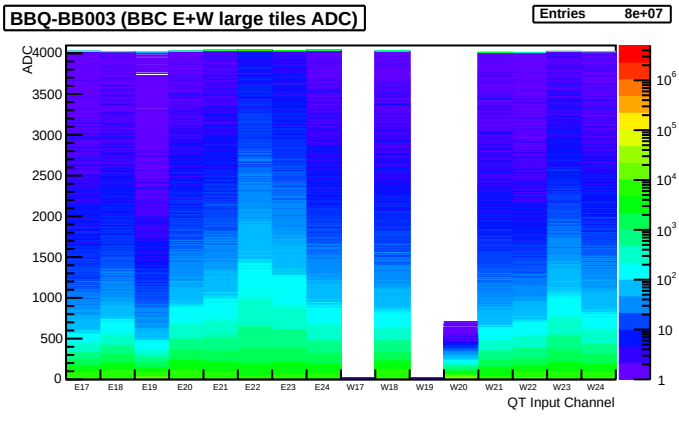

MXQ-PP001
Entries 8e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

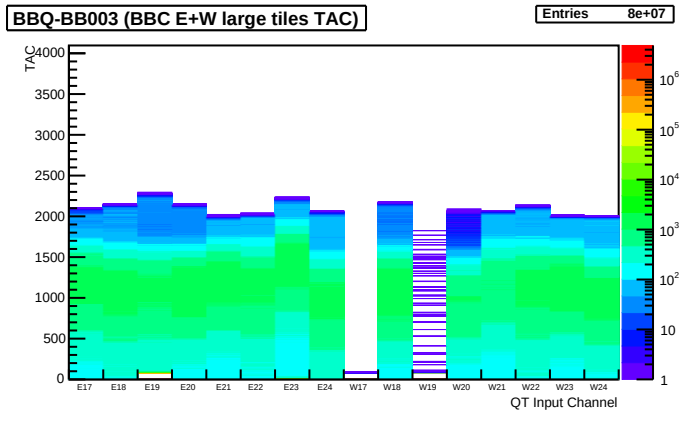

BBQ-BB001 (BBC east small tiles ADC)
Entries 8e+07
ADC
QT Input Channel

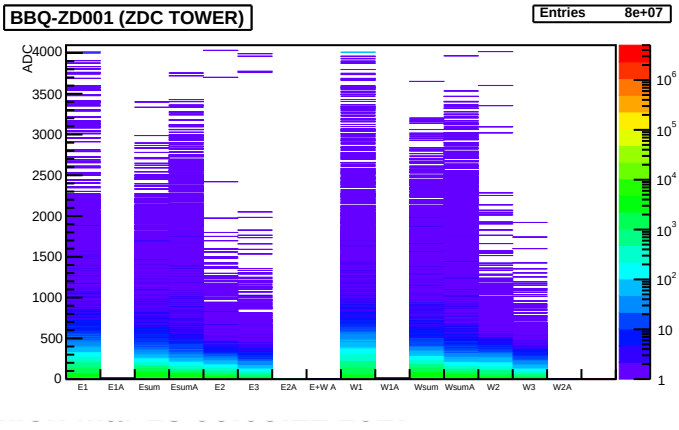

BBQ-BB001 (BBC east small tiles TAC)
Entries 8e+07
TAC
QT Input Channel

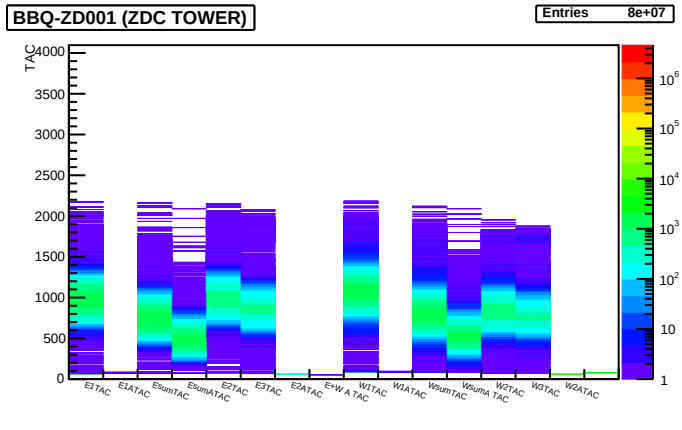

BBQ-BB002 (BBC west small tiles ADC)
Entries 8e+07
ADC
QT Input Channel

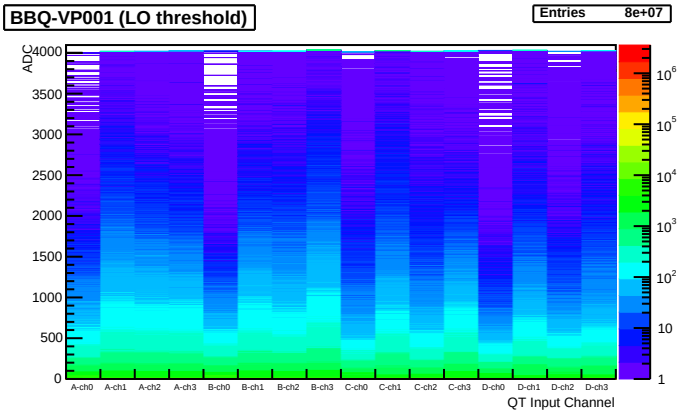

BBQ-BB002 (BBC west small tiles TAC)
Entries 8e+07
TAC
QT Input Channel

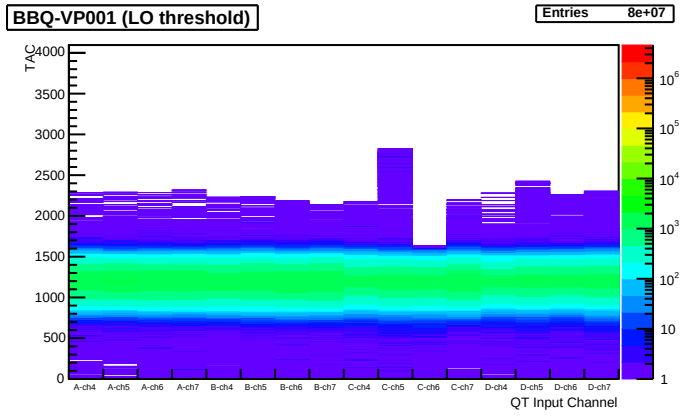

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8e+07
ADC
QT Input Channel

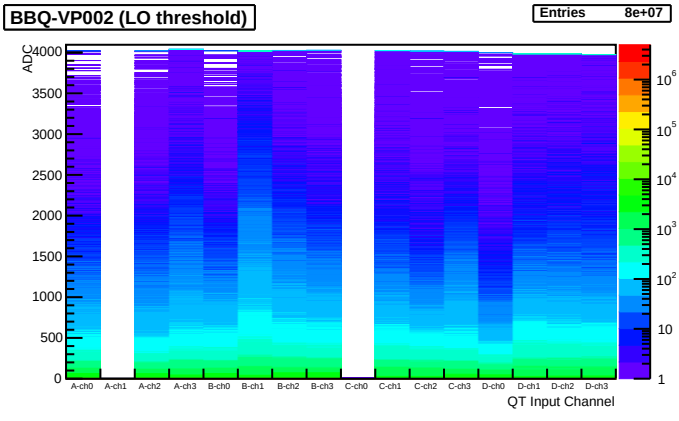

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8e+07
TAC
QT Input Channel

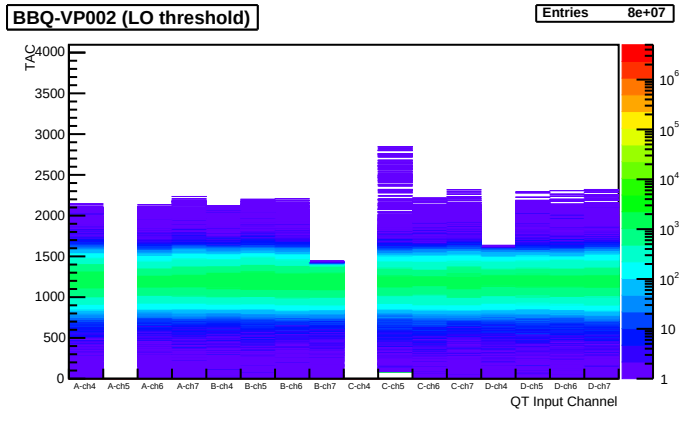

BBQ-ZD001 (ZDC TOWER)
Entries 8e+07
ADC

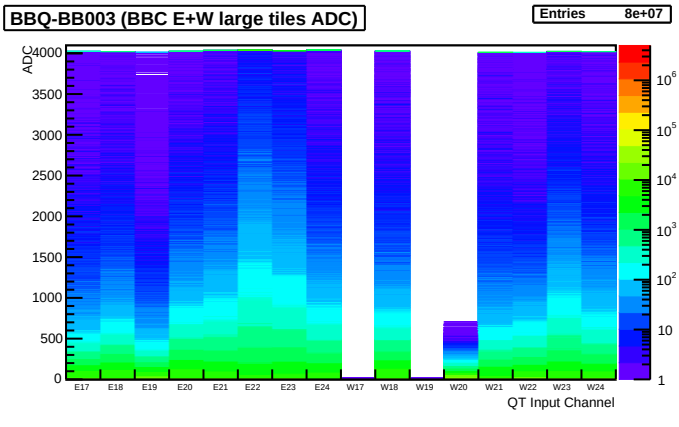

BBQ-ZD001 (ZDC TOWER)
Entries 8e+07
TAC

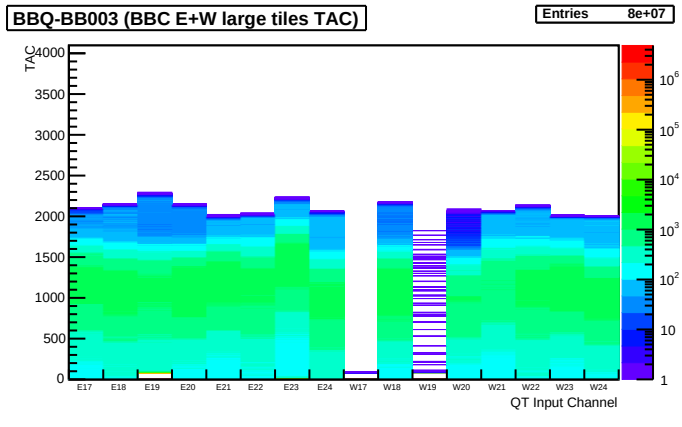

BBQ-VP001 (LO threshold)
Entries 8e+07
ADC
QT Input Channel

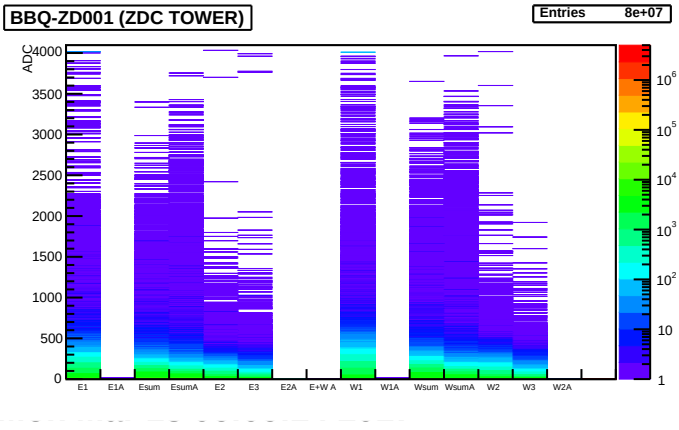

BBQ-VP001 (LO threshold)
Entries 8e+07
TAC
QT Input Channel

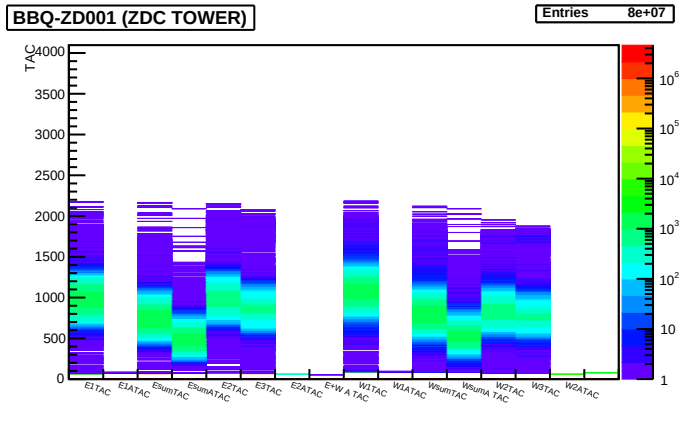

BBQ-VP002 (LO threshold)
Entries 8e+07
ADC
QT Input Channel

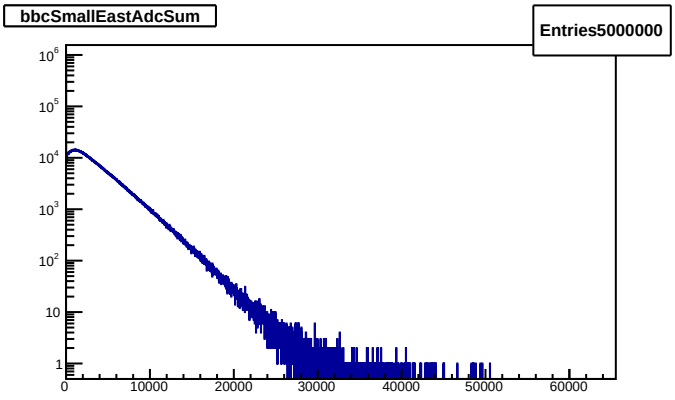

BBQ-VP002 (LO threshold)
Entries 8e+07
TAC
QT Input Channel

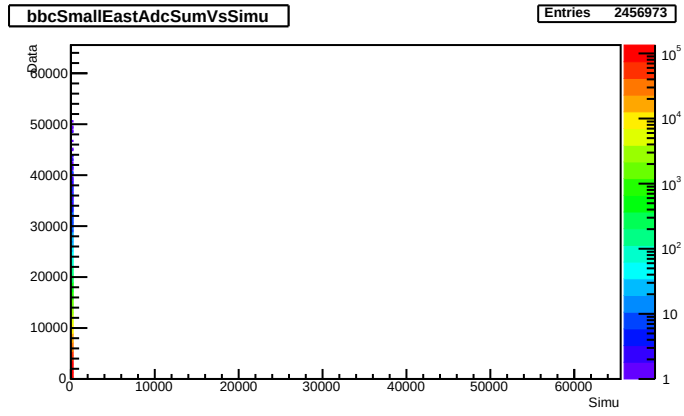

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8e+07
ADC
QT Input Channel

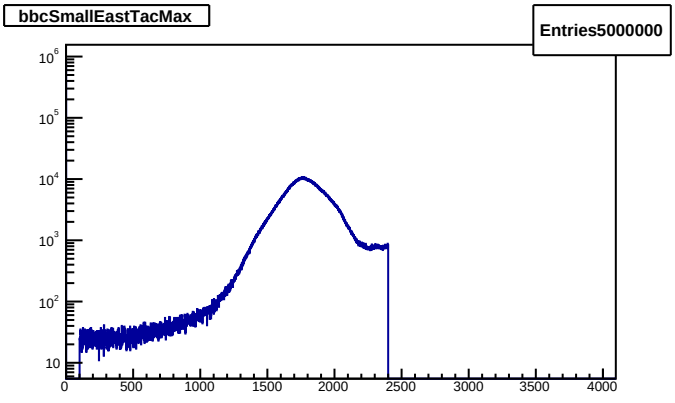

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8e+07
TAC
QT Input Channel

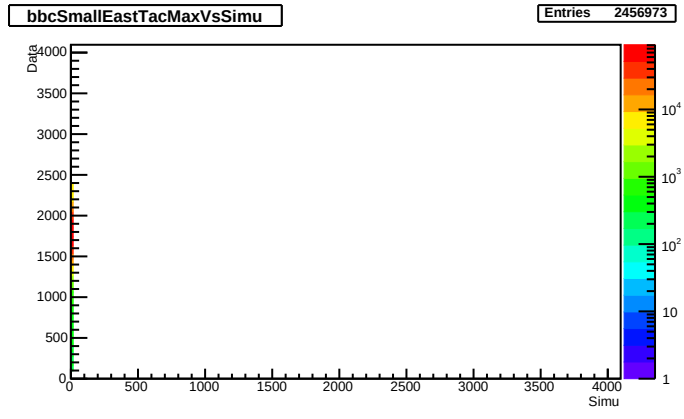

BBQ-ZD001 (ZDC TOWER)
Entries 8e+07
ADC

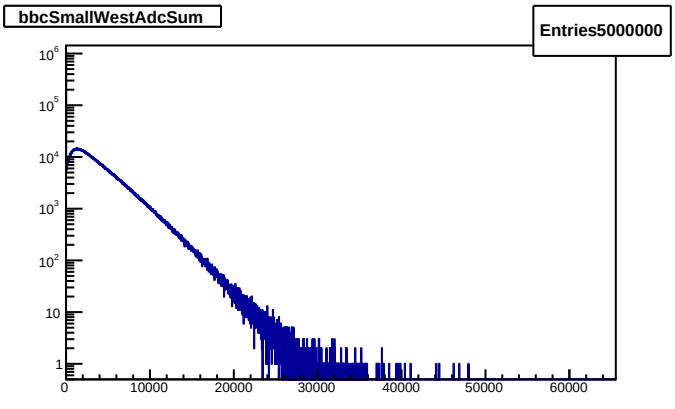

BBQ-ZD001 (ZDC TOWER)
Entries 8e+07
TAC

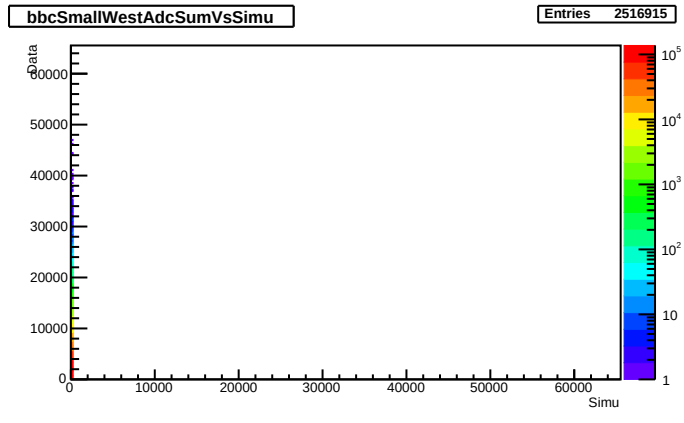

bbcSmallEastAdcSum
Entries5000000

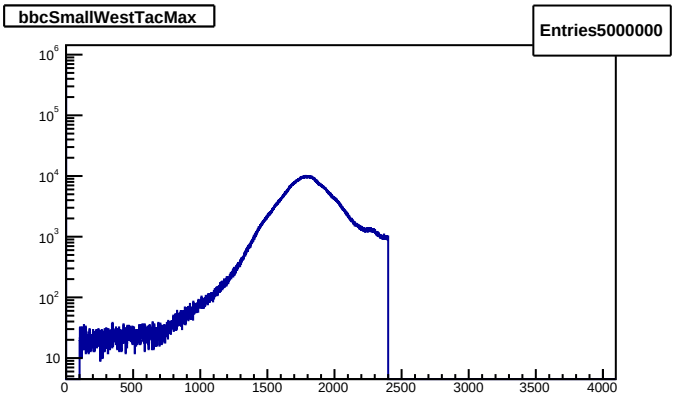

bbcSmallEastAdcSumVsSimu
Entries 2456973
Data
Simu

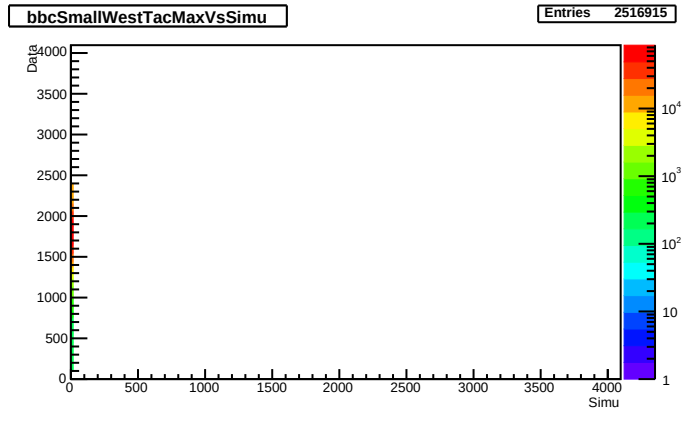

bbcSmallEastTacMax
Entries5000000

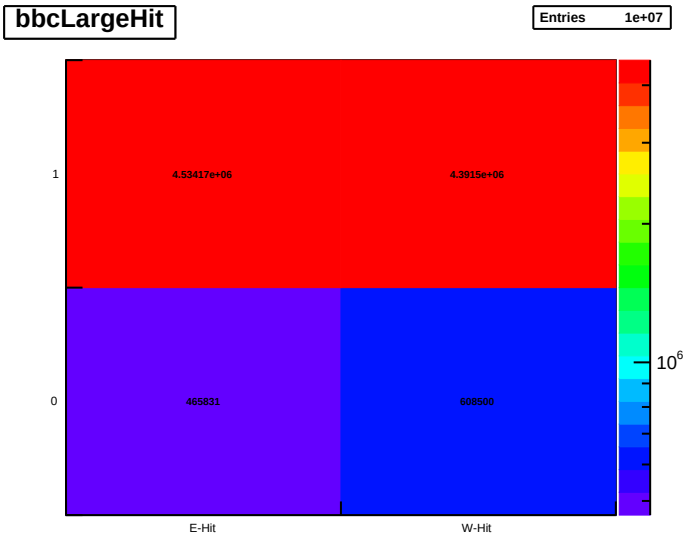

bbcSmallEastTacMaxVsSimu
Entries 2456973
Data
Simu

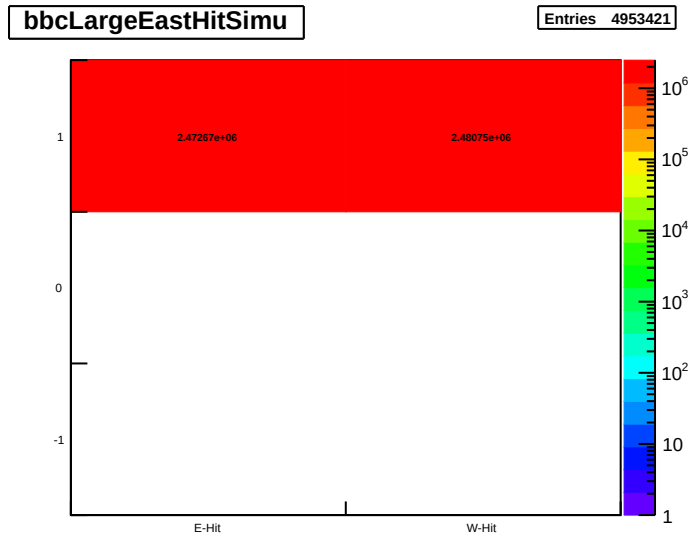

bbcSmallWestAdcSum
Entries5000000

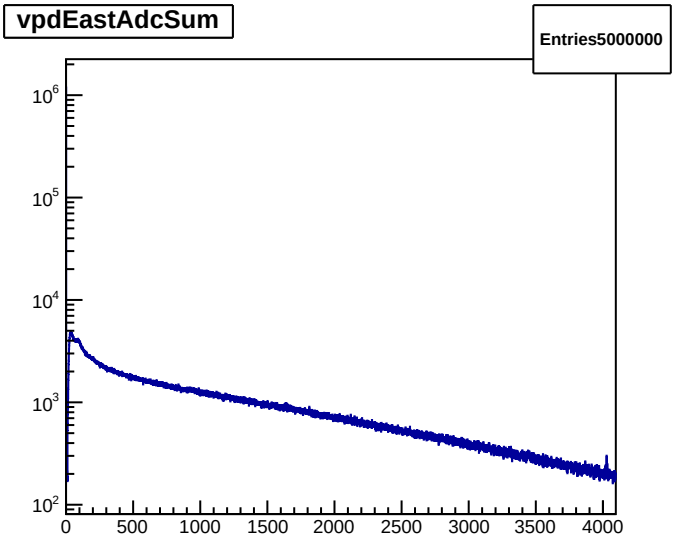

bbcSmallWestAdcSumVsSimu
Entries 2516915
Data
Simu

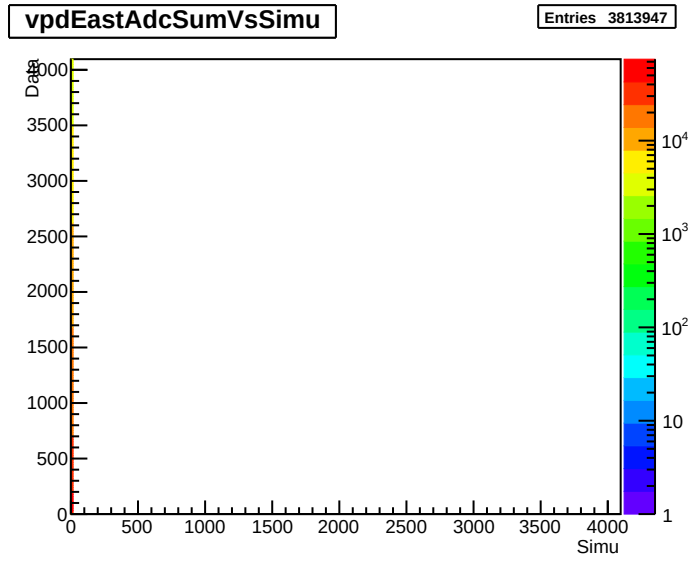

bbcSmallWestTacMax
Entries5000000

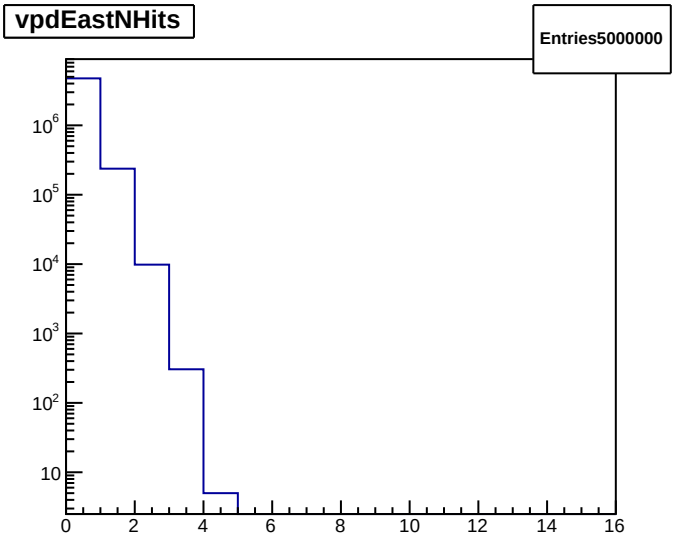

bbcSmallWestTacMaxVsSimu
Entries 2516915
Data
Simu

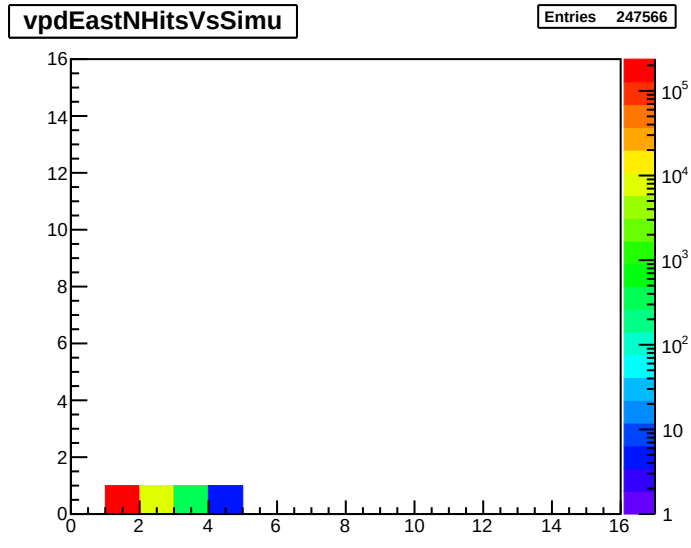

bbcLargeHit
Entries 1e+07
4.53417e+06
4.3915e+06
465831
608500
1
0
E-Hit
W-Hit
10^6

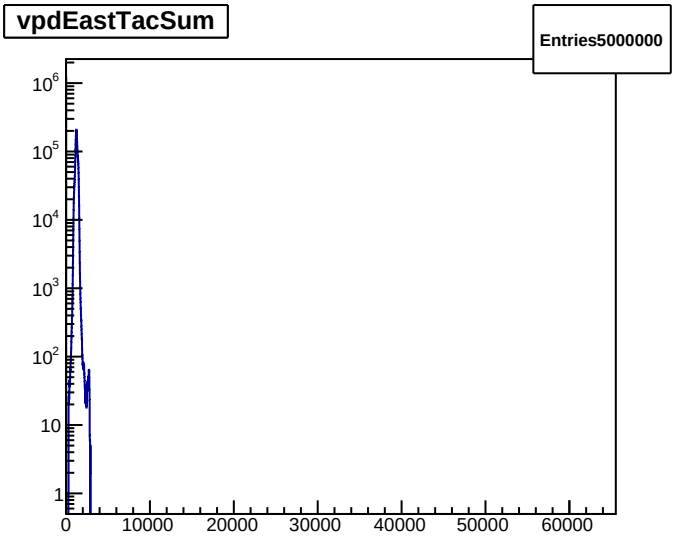

bbcLargeEastHitSimu
Entries 4953421
2.47267e+06
2.48075e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

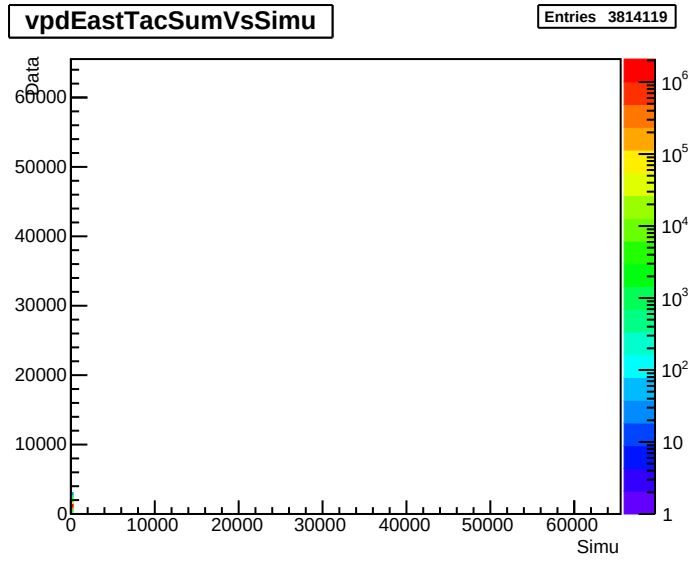

vpdEastAdcSum
Entries5000000

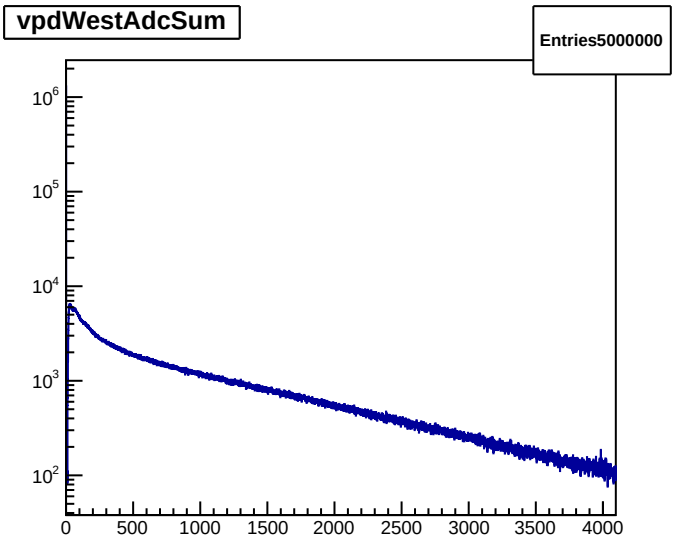

vpdEastAdcSumVsSimu
Entries 3813947
Data
Simu

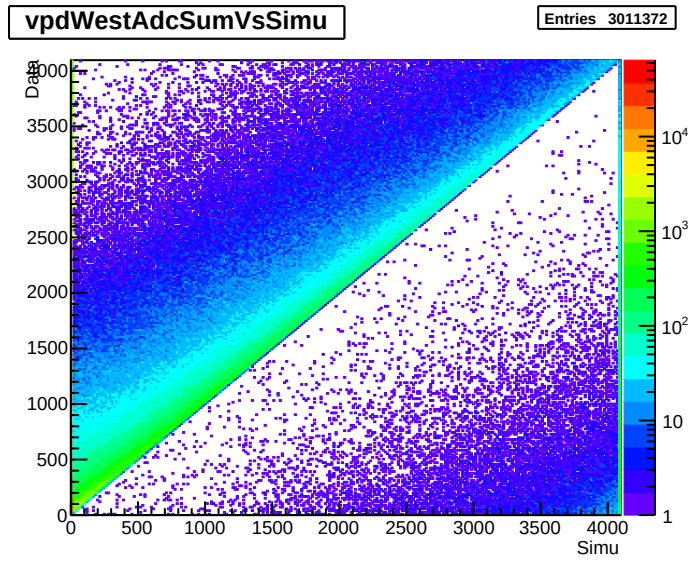

vpdEastNHits
Entries5000000

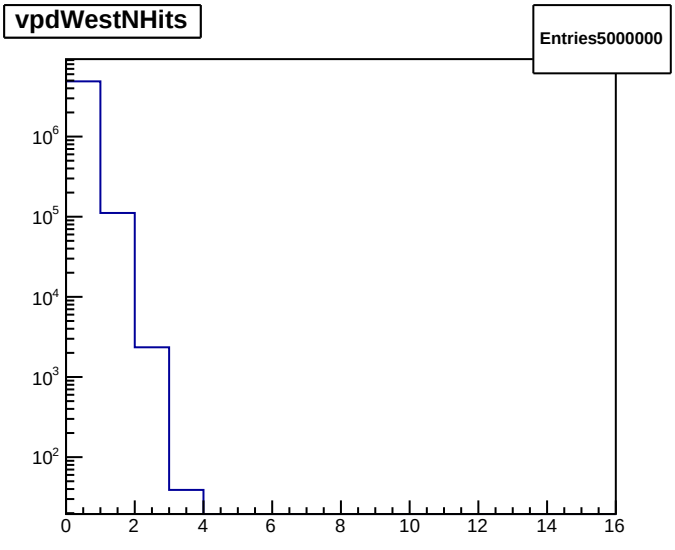

vpdEastNHitsVsSimu
Entries 247566

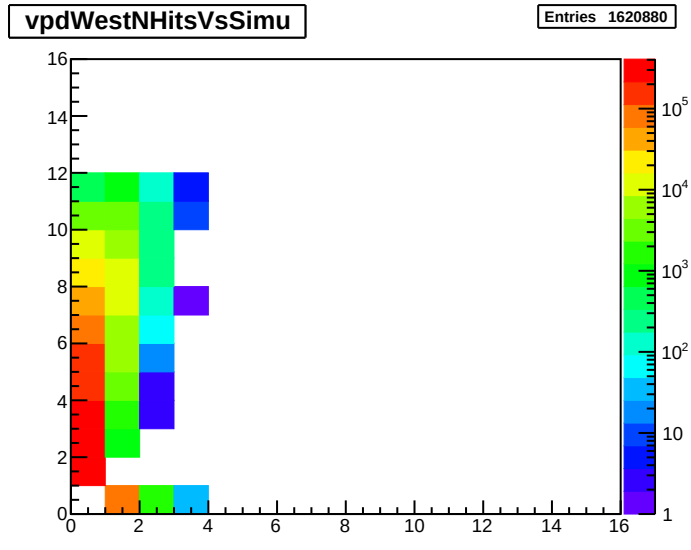

vpdEastTacSum
Entries5000000

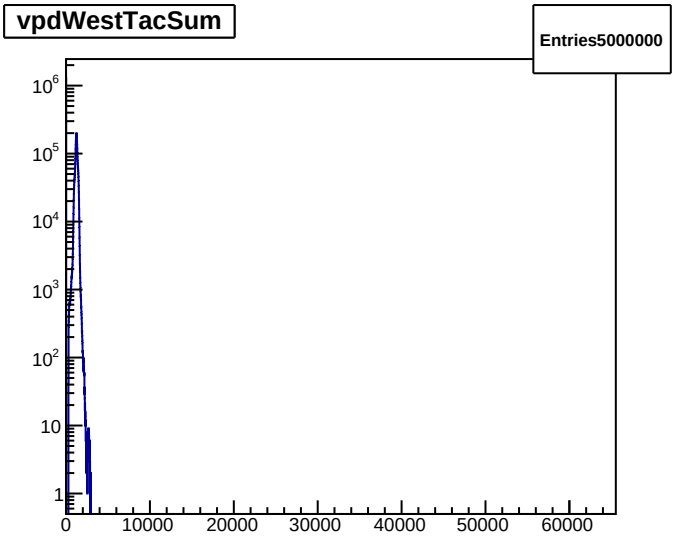

vpdEastTacSumVsSimu
Entries 3814119
Data
Simu

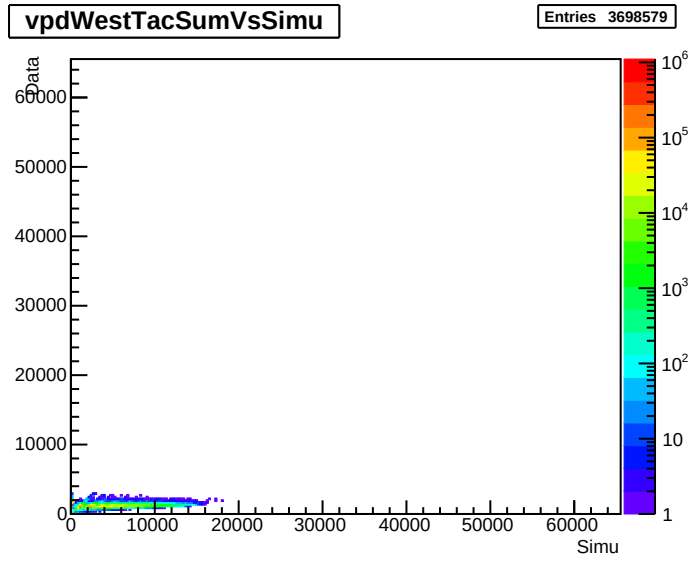

vpdWestAdcSum
Entries5000000

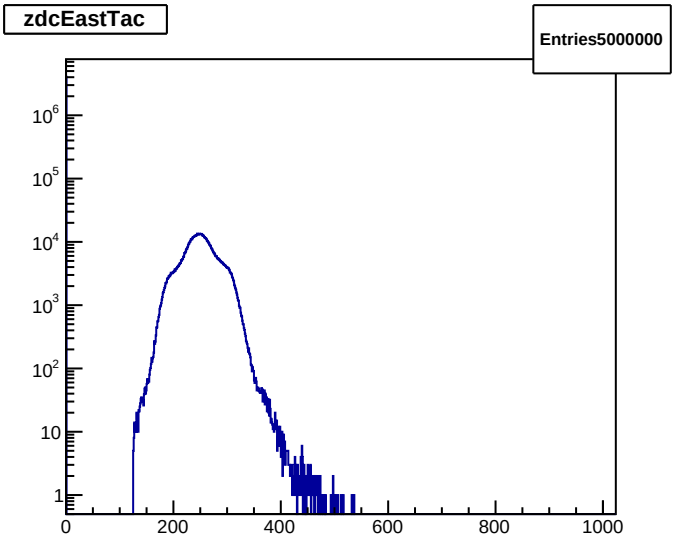

vpdWestAdcSumVsSimu
Entries 3011372
Data
Simu

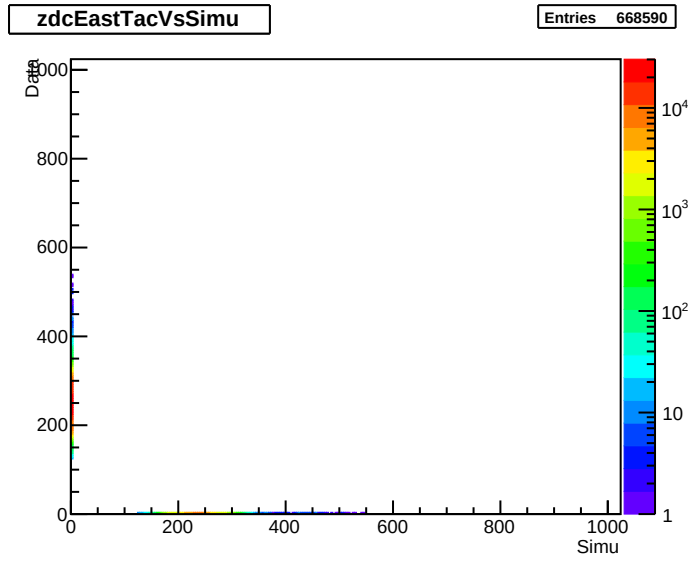

vpdWestNHits
Entries5000000

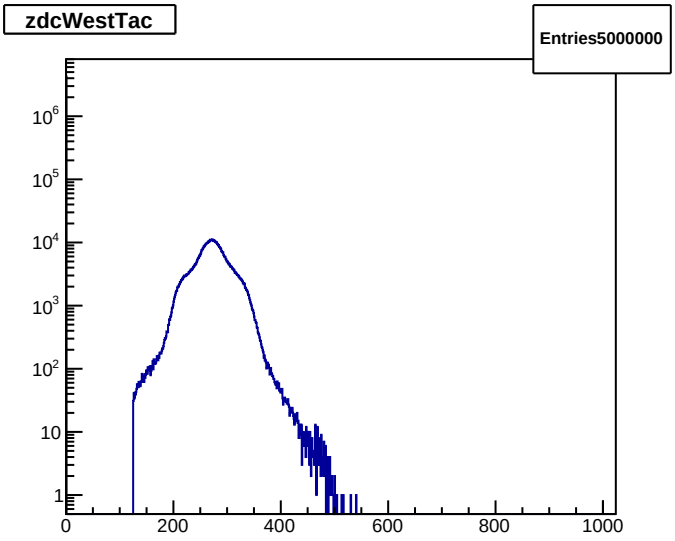

vpdWestNHitsVsSimu
Entries 1620880

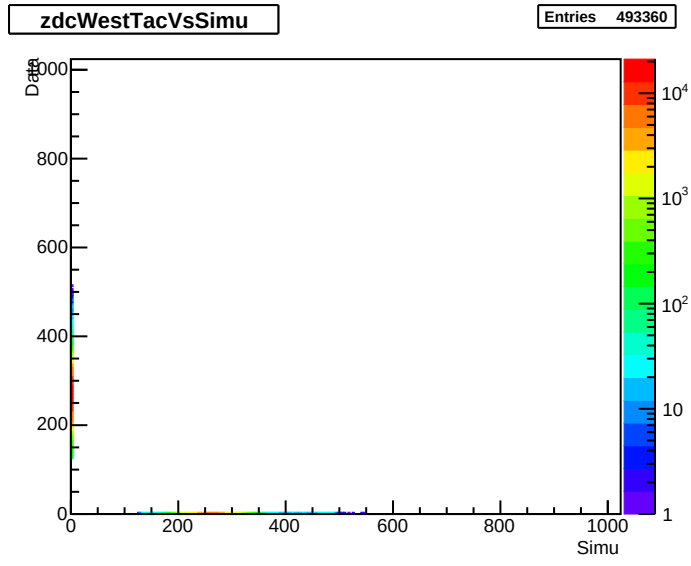

vpdWestTacSum
Entries5000000

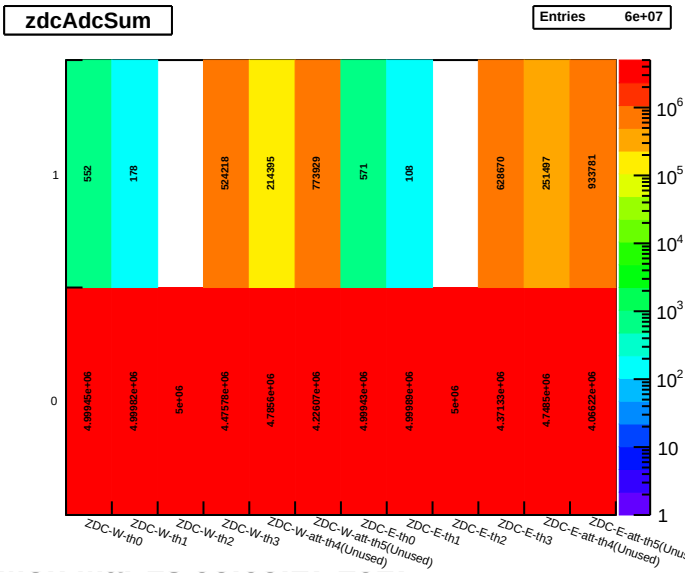

vpdWestTacSumVsSimu
Entries 3698579
Data
Simu

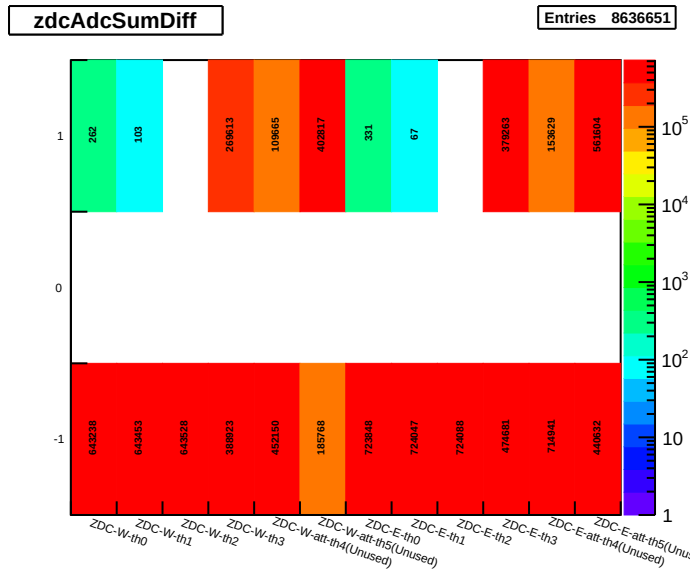

zdcEastTac
Entries5000000

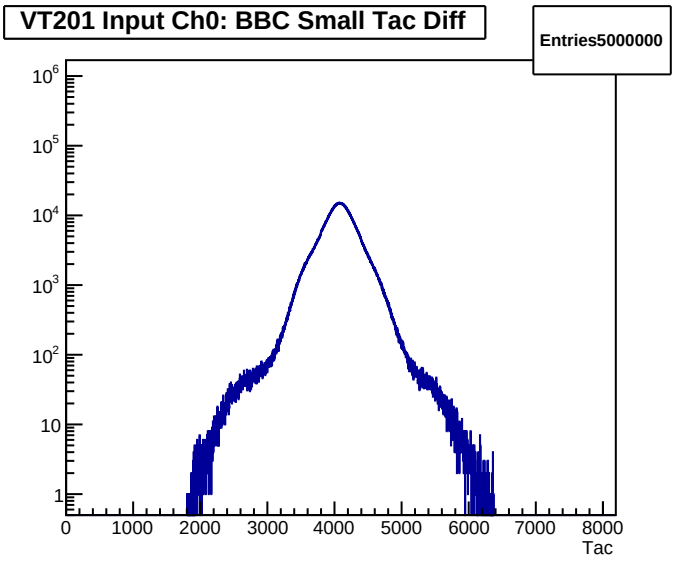

zdcEastTacVsSimu
Entries 668590
Data
Simu

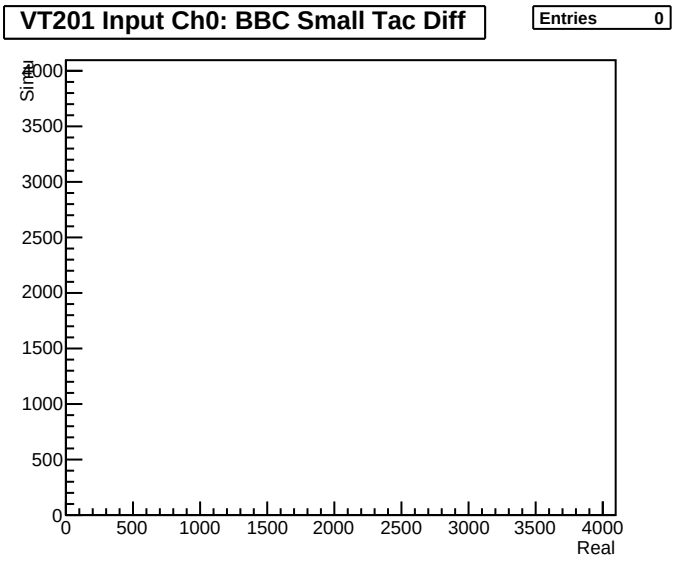

zdcWestTac
Entries5000000

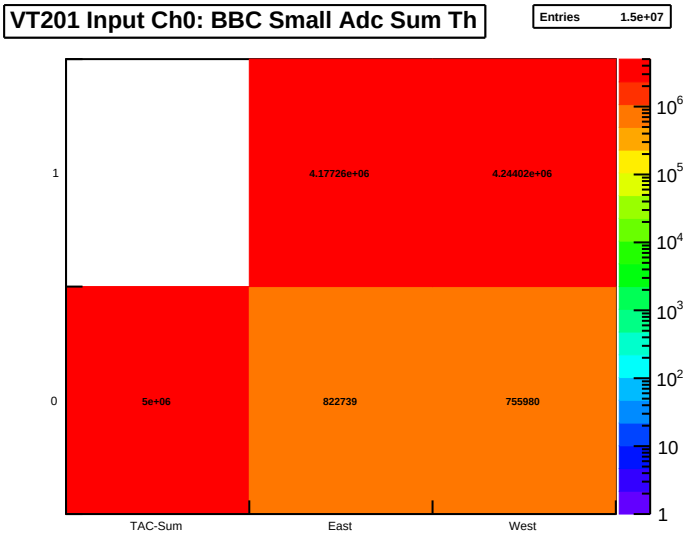

zdcWestTacVsSimu
Entries 493360
Data
Simu

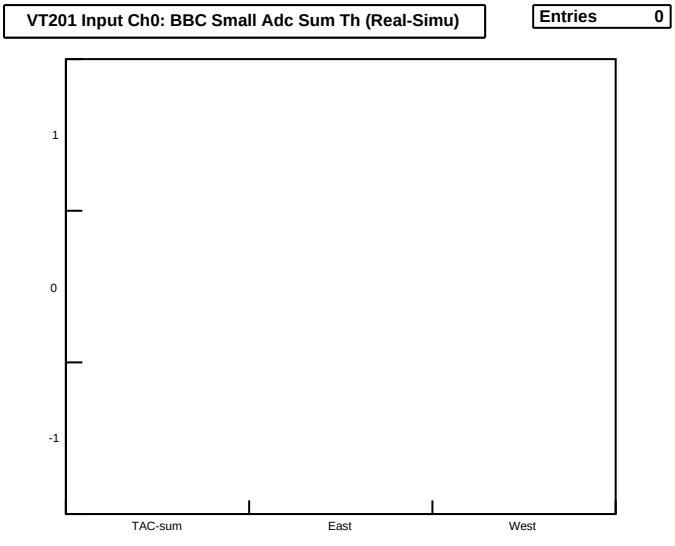

zdcAdcSum
Entries 6e+07
552
178
524218
214395
773929
571
108
628670
251497
933781
4.99945e+06
4.99982e+06
5e+06
4.47578e+06
4.7856e+06
4.22607e+06
4.99943e+06
4.99988e+06
5e+06
4.37132e+06
4.7485e+06
4.06622e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

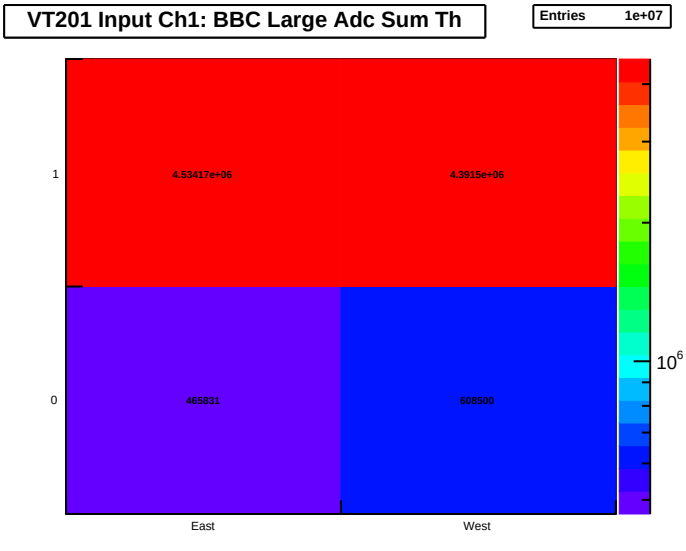

zdcAdcSumDiff
Entries 8636651
262
103
269613
109665
402817
331
67
379263
153629
561504
643238
643453
643528
388923
452150
185768
723848
724047
724088
474681
714941
440632
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

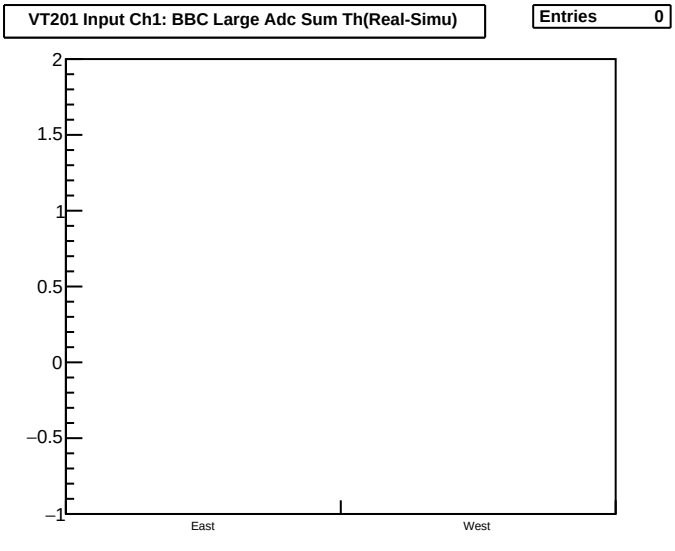

VT201 Input Ch0: BBC Small Tac Diff
Entries5000000
Tac


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

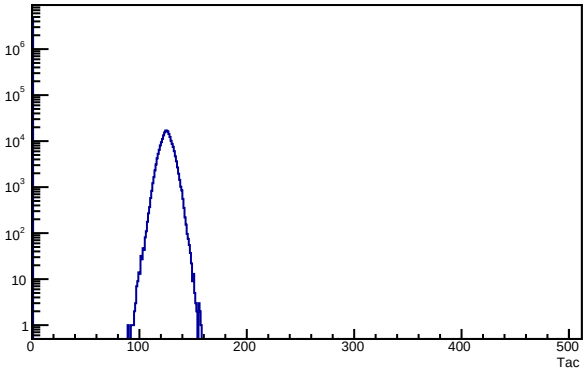

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.5e+07
4.17726e+06
4.24402e+06
5e+06
822739
755980
TAC-Sum
East
West


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

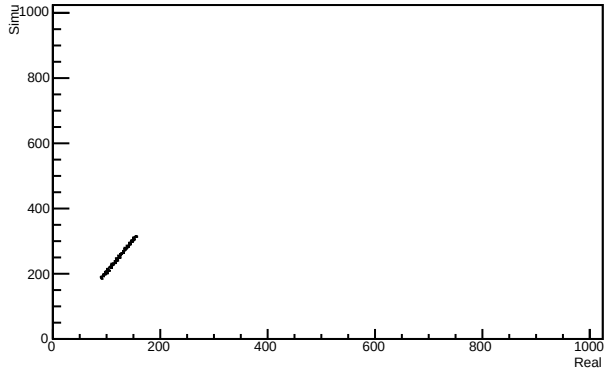

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1e+07
4.53417e+06
4.3915e+06
465831
608500
East
West


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

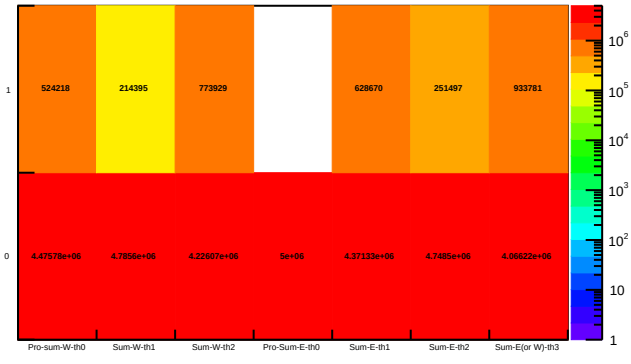
VT201 Input Ch2: ZDC Tac Diff



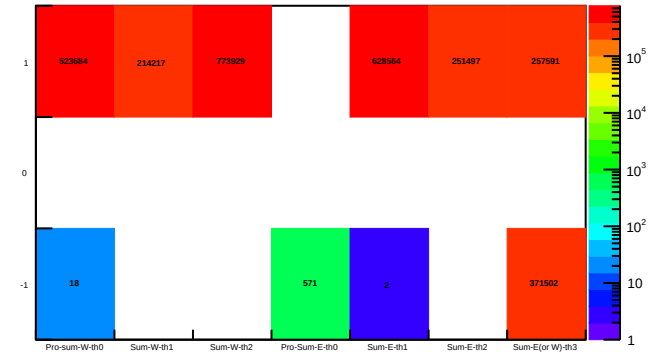
VT201 Input Ch2: ZDC Tac Diff



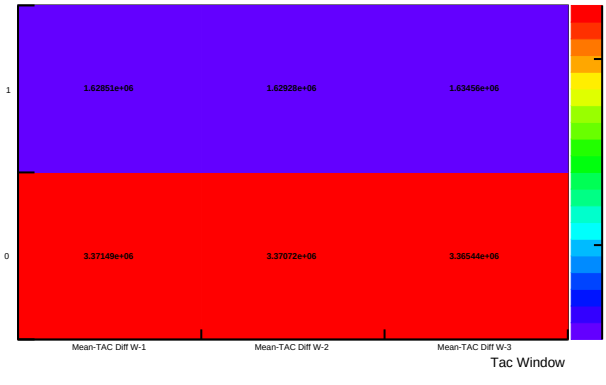
VT201 Input Ch2: ZDC Adc Sum Th



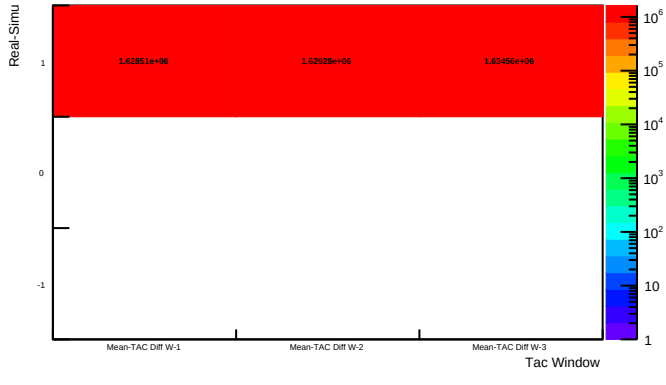
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



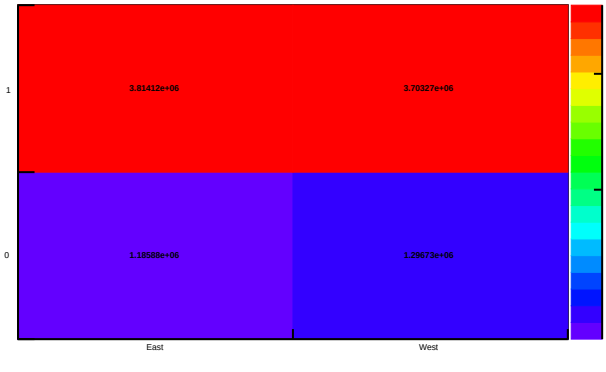
VT201 Input Ch4: VPD Tac Diff



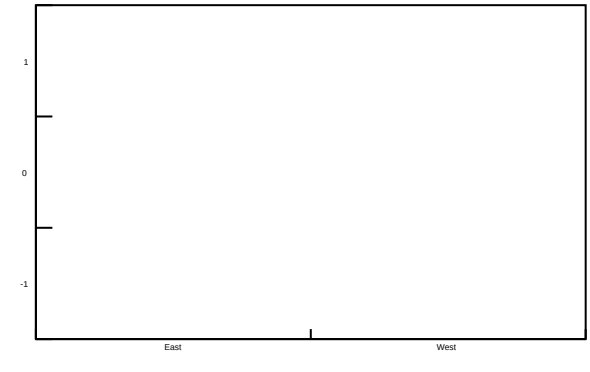
VT201 Input Ch4: VPD Tac Diff

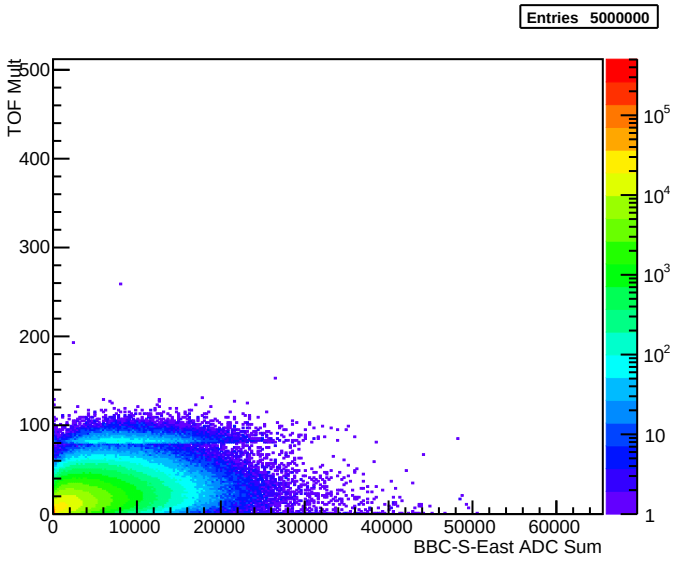


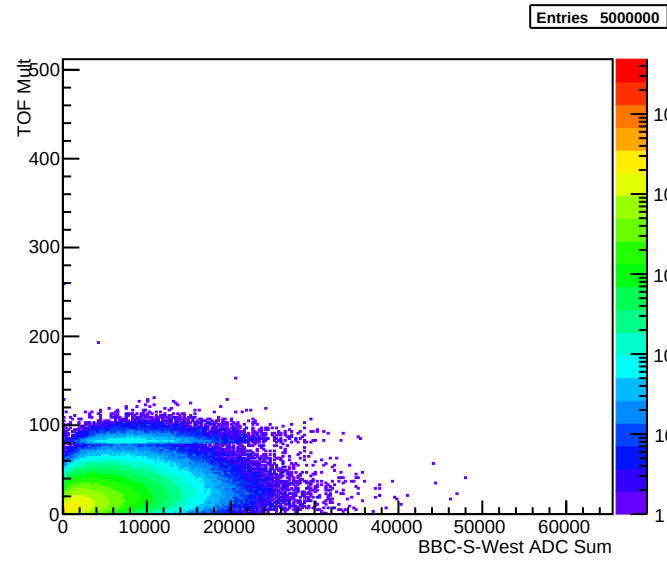
VT201 Input Ch4: VPD Adc Sum Th

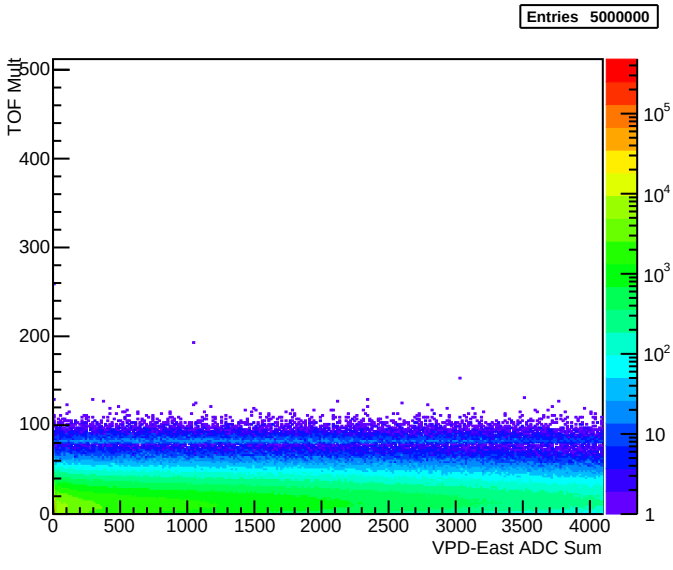


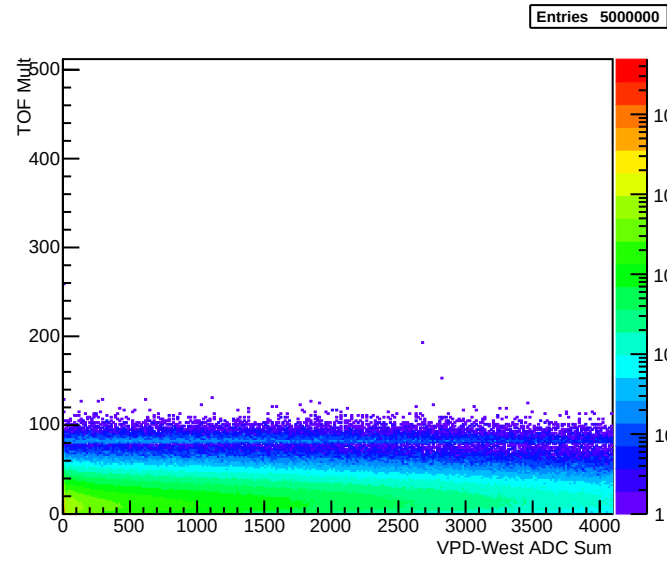
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

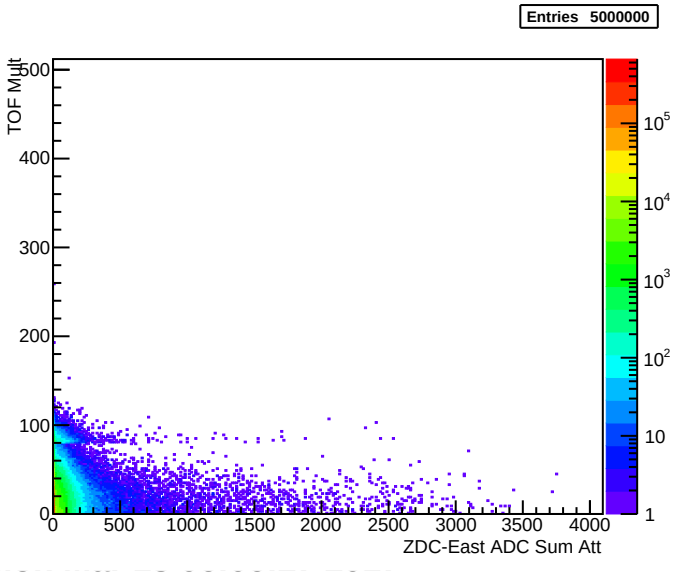


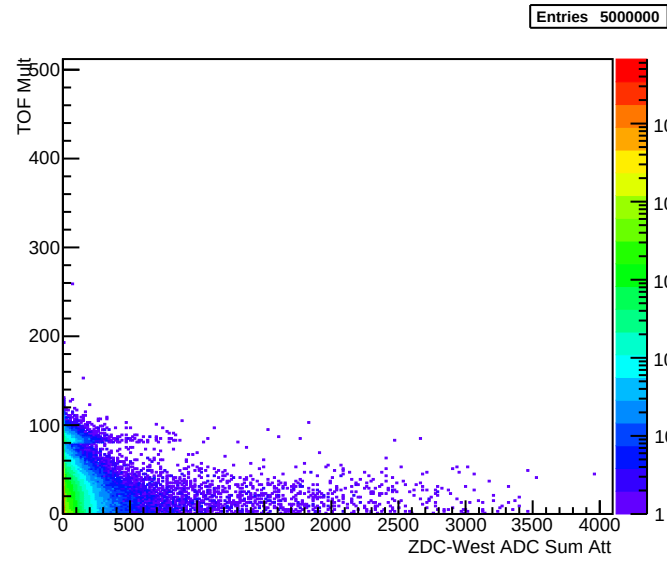

Entries 5000000
TOF Mult
BBC-S-East ADC Sum

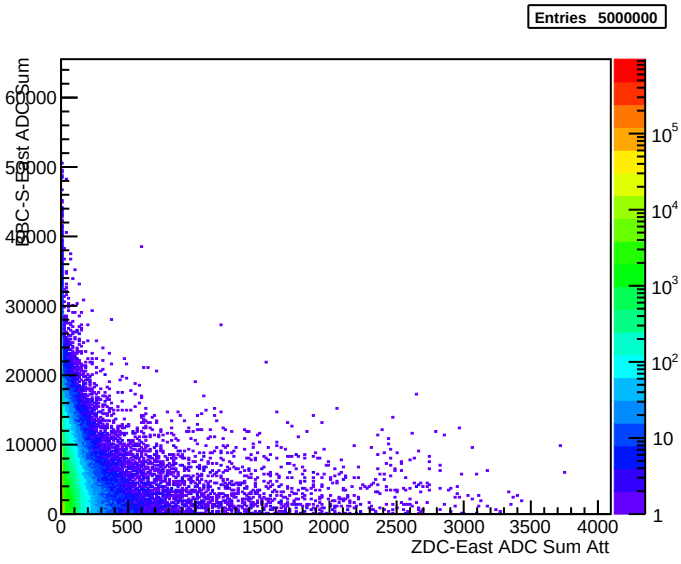

Entries 5000000
TOF Mult
BBC-S-West ADC Sum

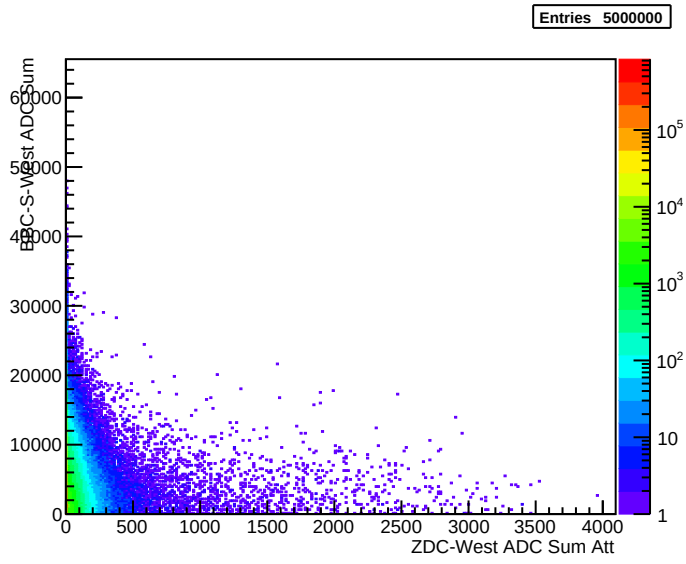

Entries 5000000
TOF Mult
VPD-East ADC Sum

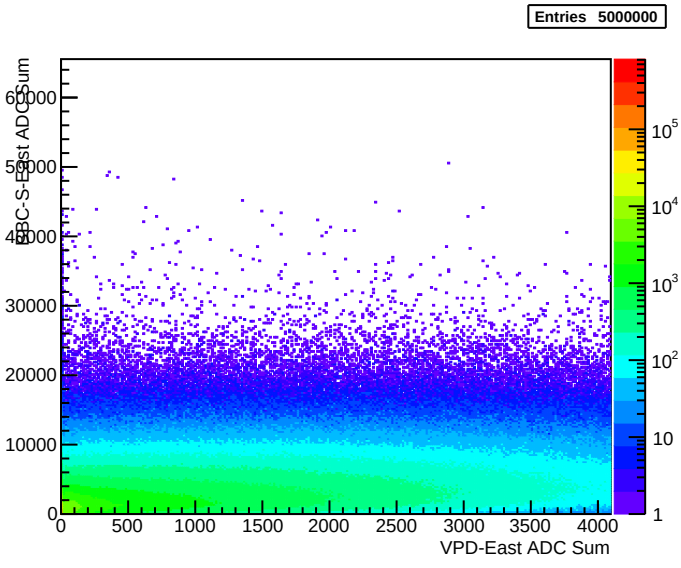

Entries 5000000
TOF Mult
VPD-West ADC Sum

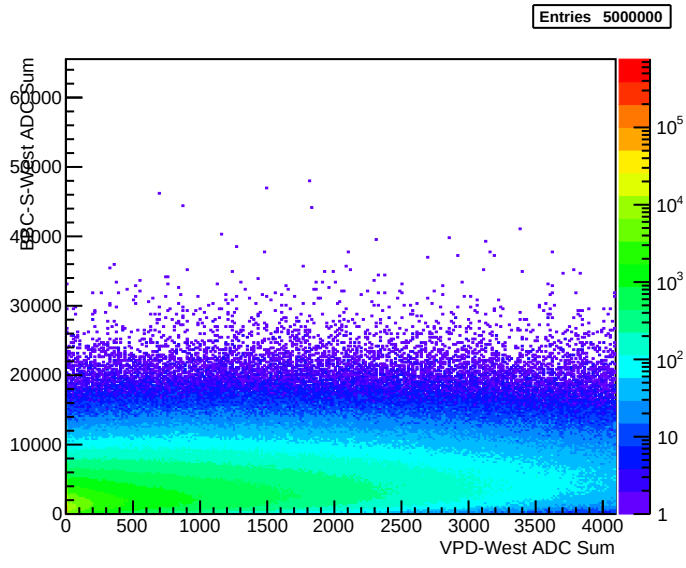

Entries 5000000
TOF Mult
ZDC-East ADC Sum Att

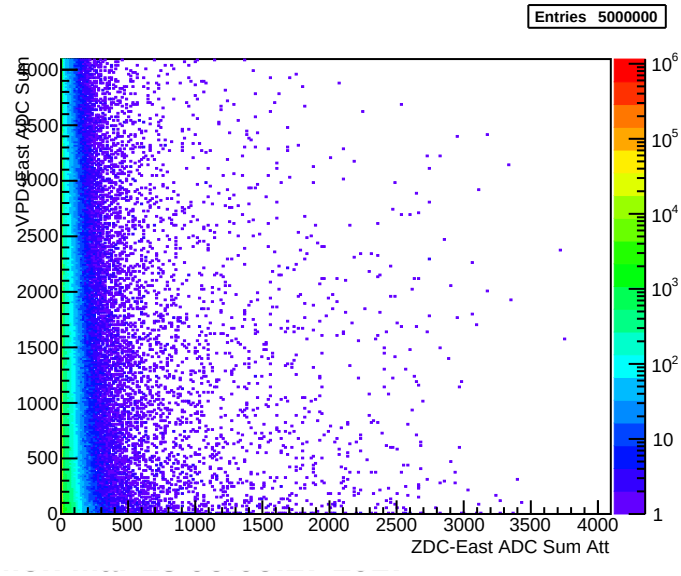

Entries 5000000
TOF Mult
ZDC-West ADC Sum Att

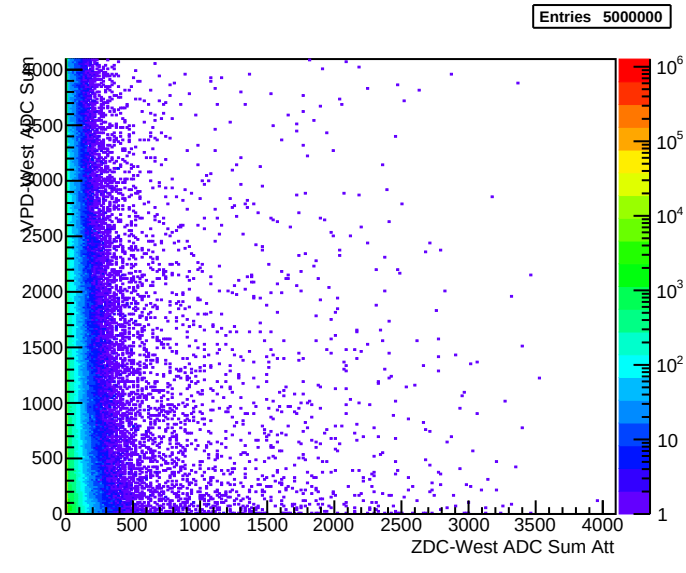

Entries 5000000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

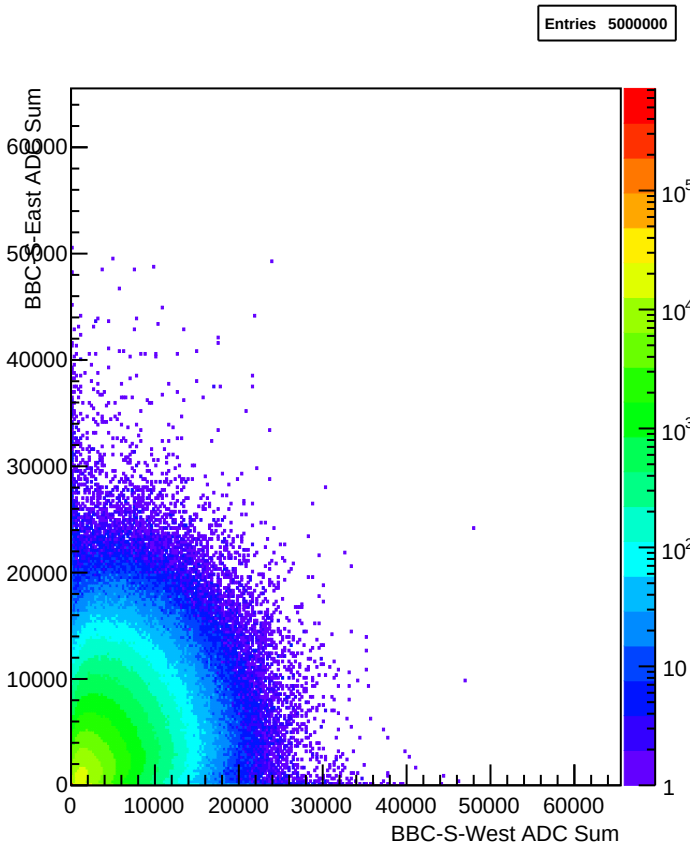

Entries 5000000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

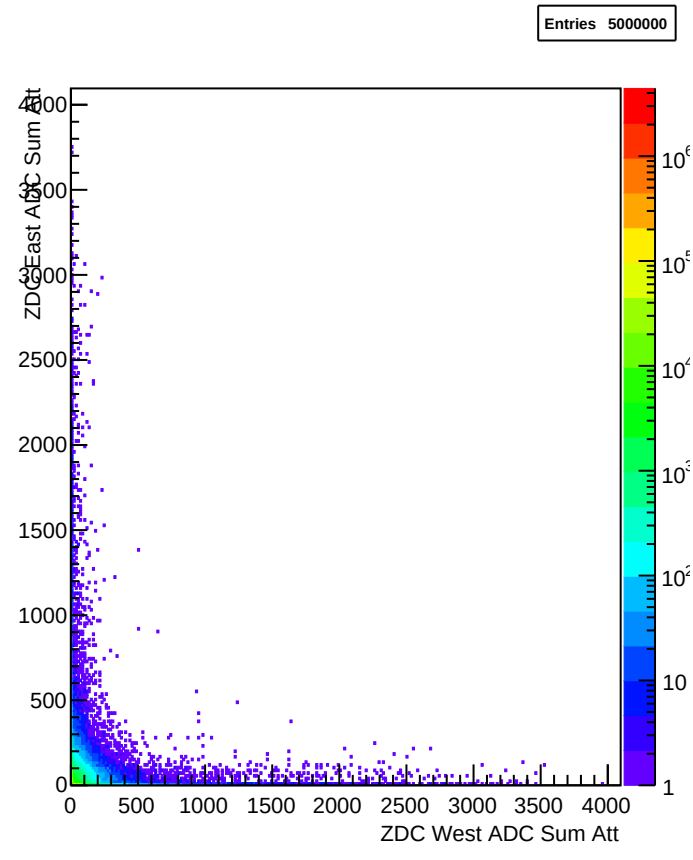

Entries 5000000
BBC-S-East ADC Sum
VPD-East ADC Sum

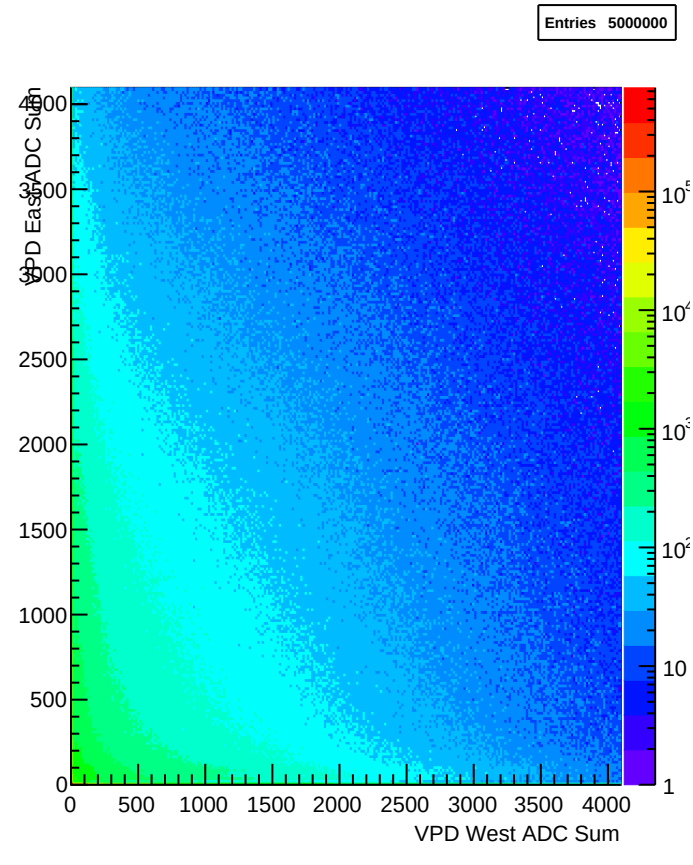

Entries 5000000
BBC-S-West ADC Sum
VPD-West ADC Sum

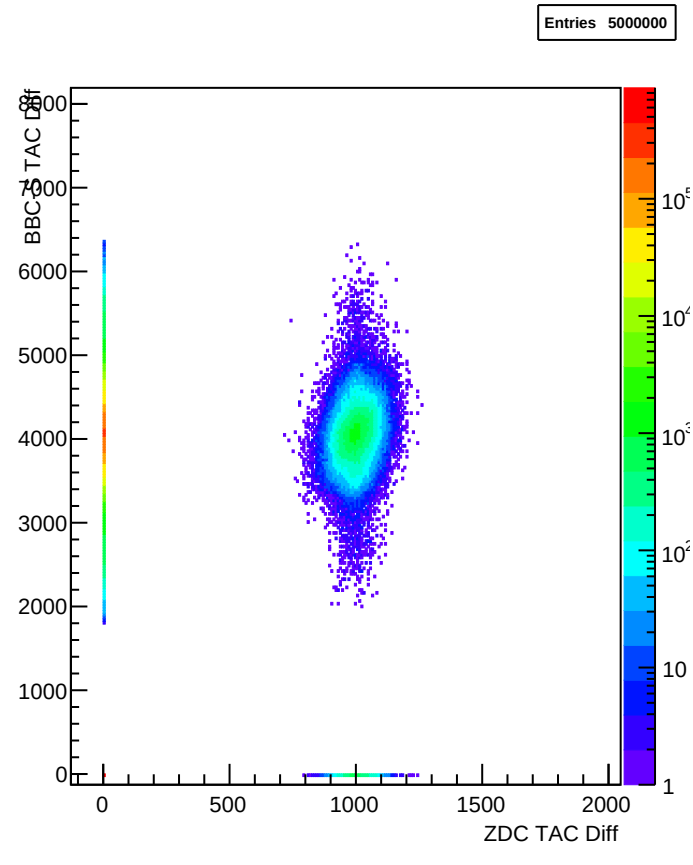

Entries 5000000
VPD-East ADC Sum
ZDC-East ADC Sum Att

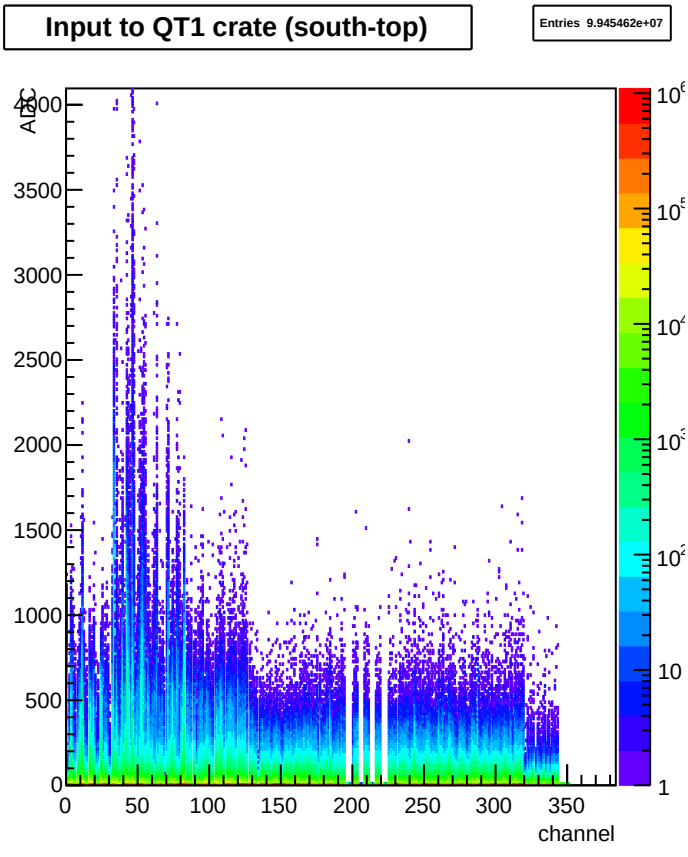

Entries 5000000
VPD-West ADC Sum
ZDC-West ADC Sum Att

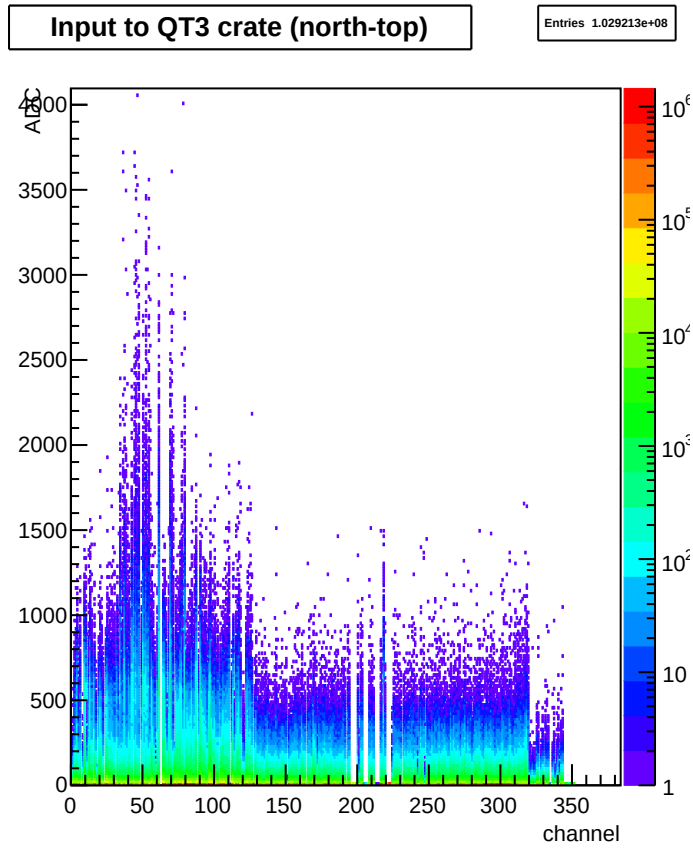

Entries 5000000
BBC-S-East ADC Sum
BBC-S-West ADC Sum

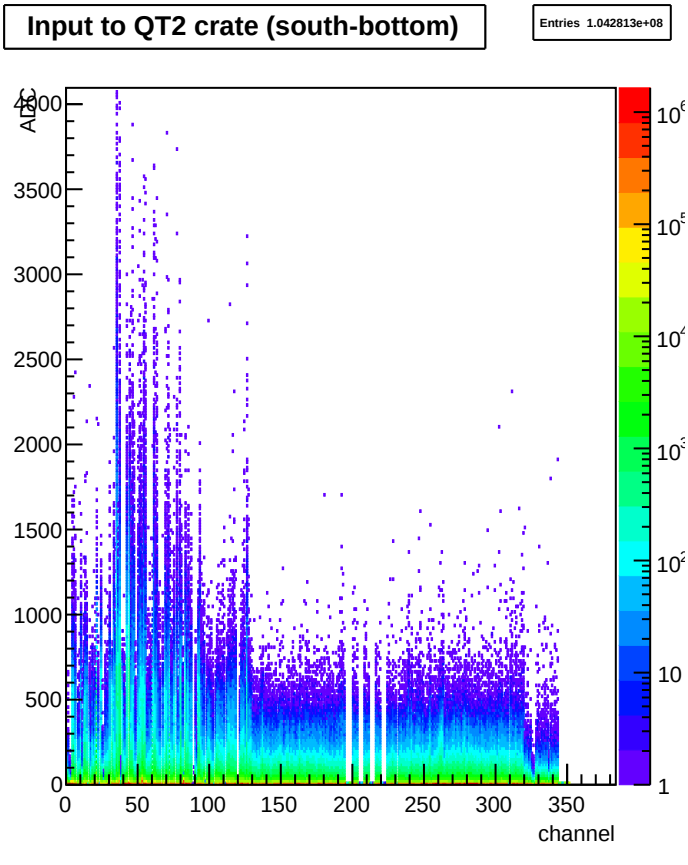

Entries 5000000
ZDC East ADC Sum Att
ZDC West ADC Sum Att

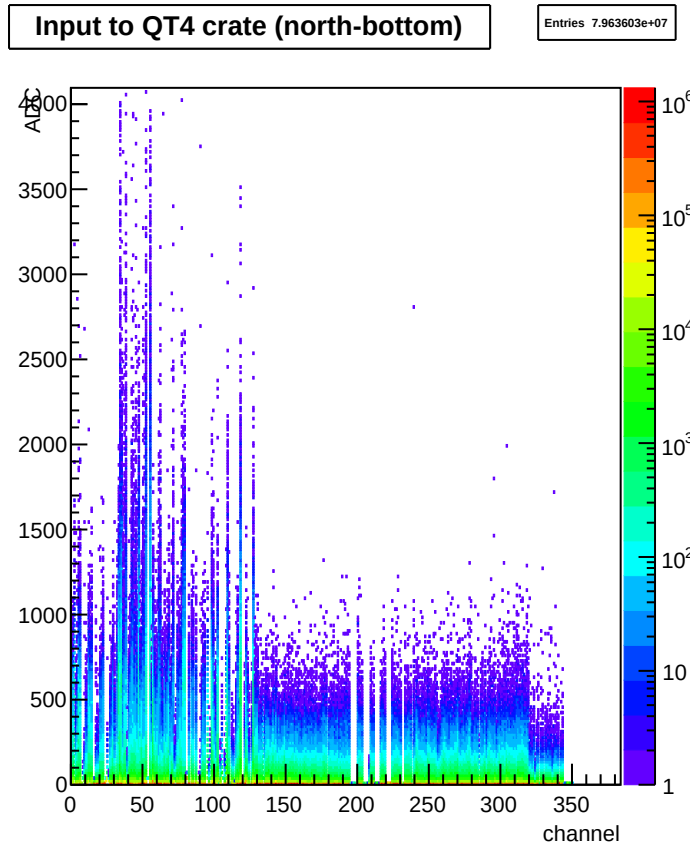

Entries 5000000
VPD East ADC Sum
VPD West ADC Sum

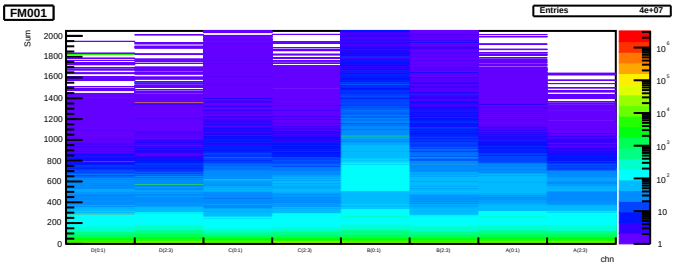

Entries 5000000
BBC-S TAC Diff
ZDC TAC Diff

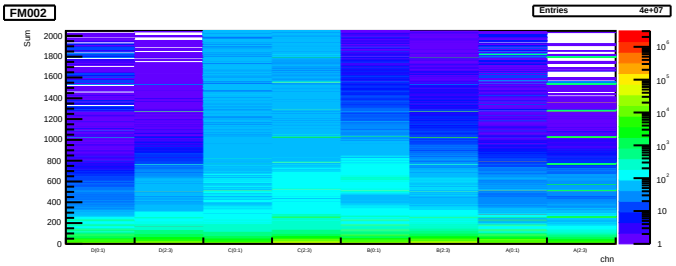

Input to QT1 crate (south-top)
Entries 9.945462e+07
ADC
channel

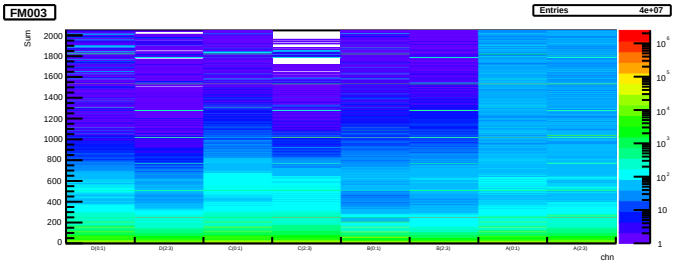

Input to QT3 crate (north-top)
Entries 1.029213e+08
ADC
channel

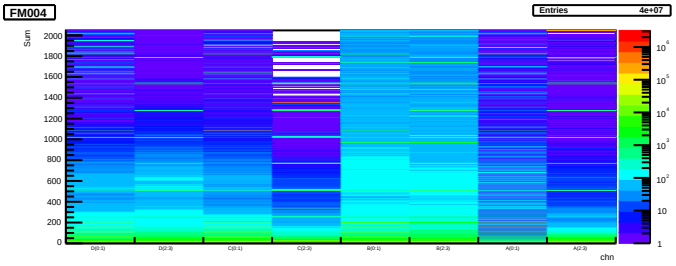

Input to QT2 crate (south-bottom)
Entries 1.042813e+08
ADC
channel

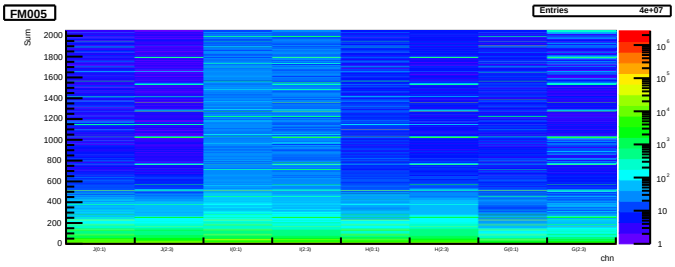

Input to QT4 crate (north-bottom)
Entries 7.963603e+07
ADC
channel

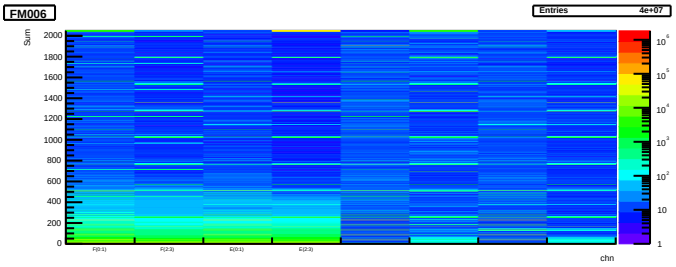

FM001
Entries 4e+07
Sum
chn

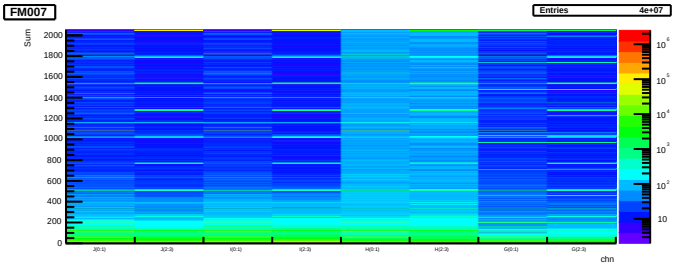

FM002
Entries 4e+07
Sum
chn

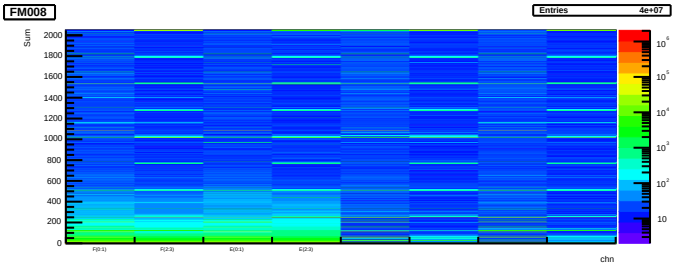

FM003
Entries 4e+07
Sum
chn

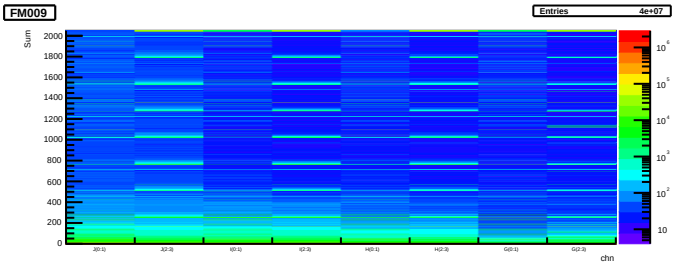

FM004
Entries 4e+07
Sum
chn

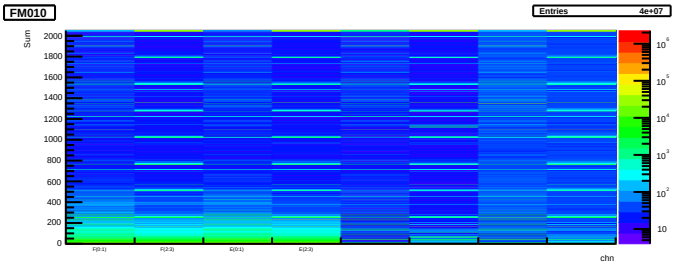

FM005
Entries 4e+07
Sum
chn

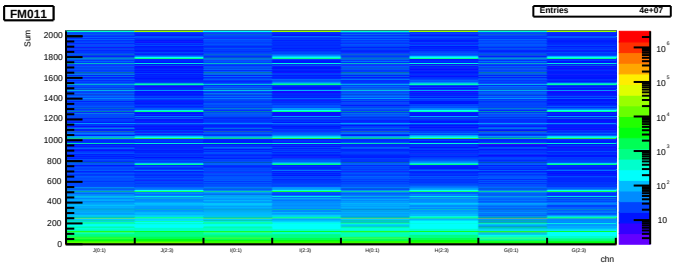

FM006
Entries 4e+07
Sum
chn

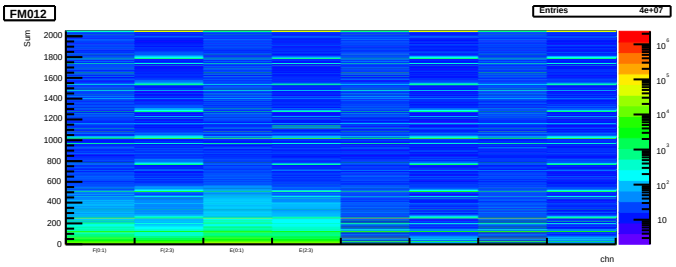

FM007
Entries 4e+07
Sum
chn

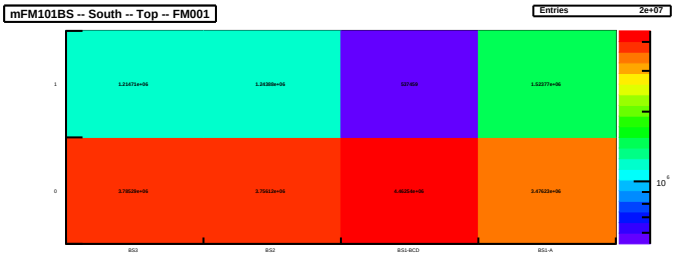

FM008
Entries 4e+07
Sum
chn

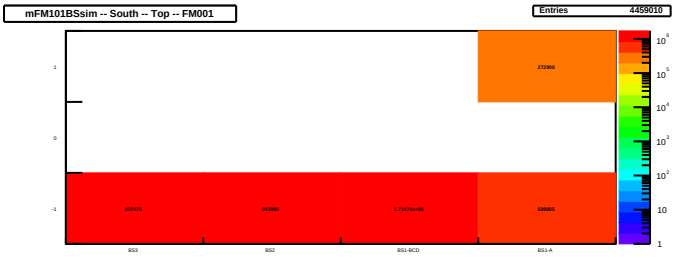

FM009
Entries 4e+07
Sum
chn

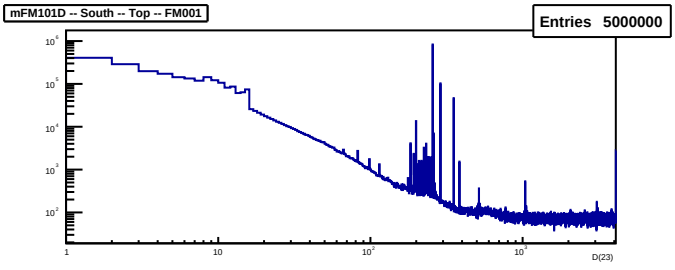

FM010
Entries 4e+07
Sum
chn

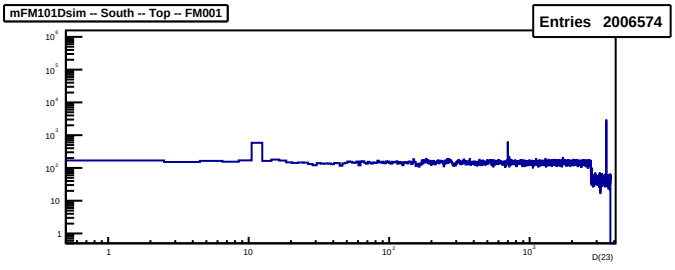

FM011
Entries 4e+07
Sum
chn

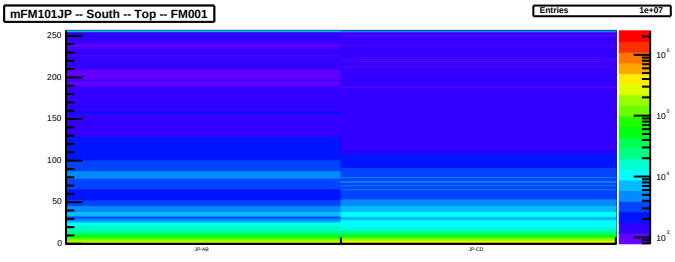

FM012
Entries 4e+07
Sum
chn

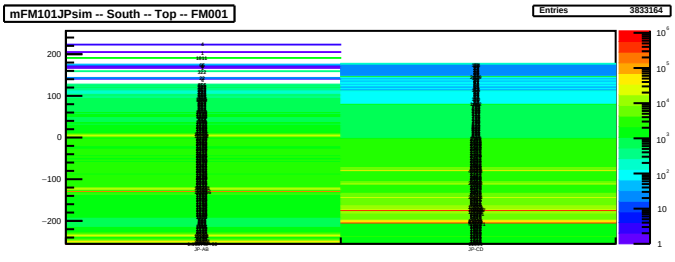

mFM101BS -- South -- Top -- FM001
Entries 2e+07

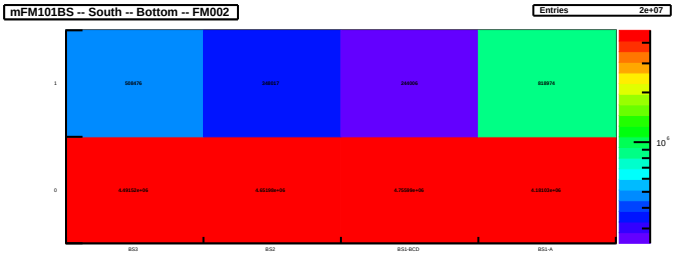

mFM101BSsim -- South -- Top -- FM001
Entries 4459010

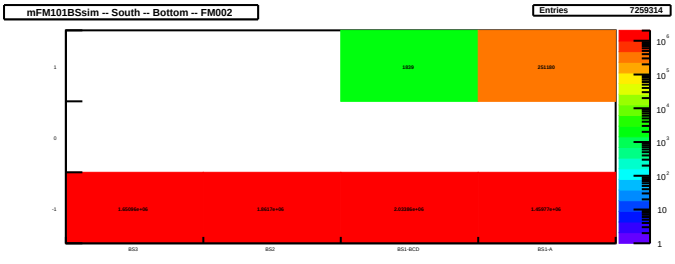

mFM101D -- South -- Top -- FM001
Entries 5000000
D(23)

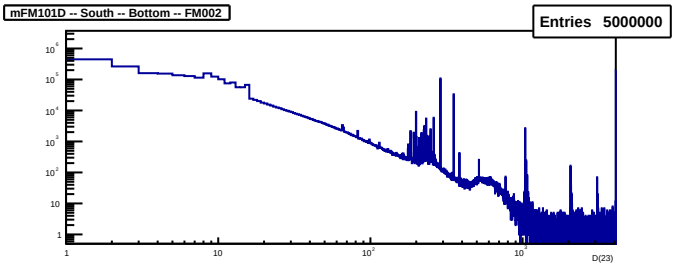

mFM101Dsim -- South -- Top -- FM001
Entries 2006574
D(23)

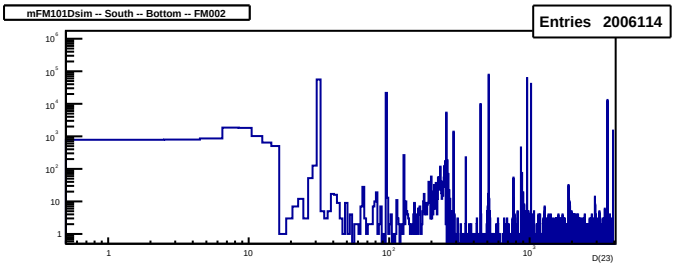

mFM101JP -- South -- Top -- FM001
Entries 1e+07

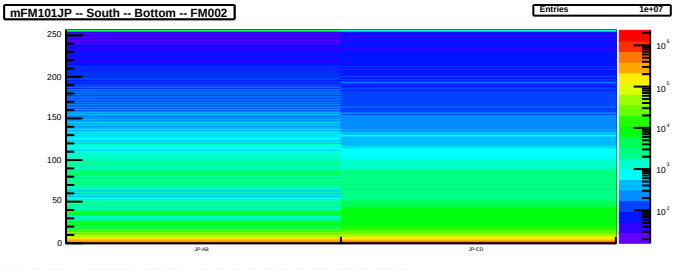

mFM101JPsim -- South -- Top -- FM001
Entries 3833164

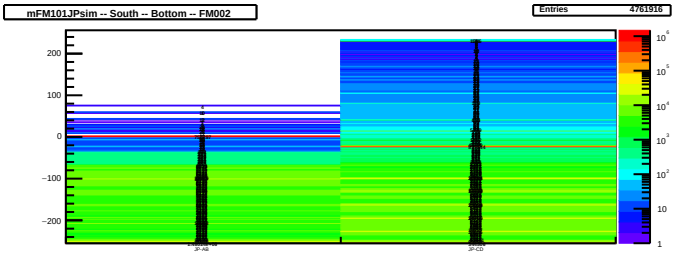

mFM101BS -- South -- Bottom -- FM002
Entries 2e+07

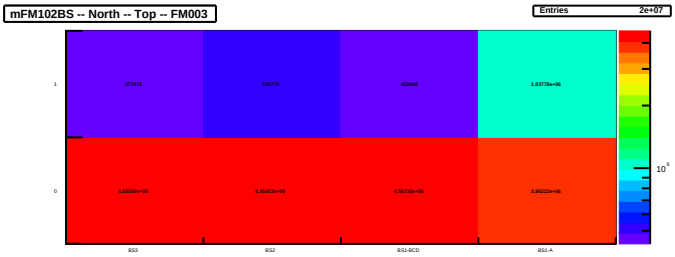

mFM101BSsim -- South -- Bottom -- FM002
Entries 7259314

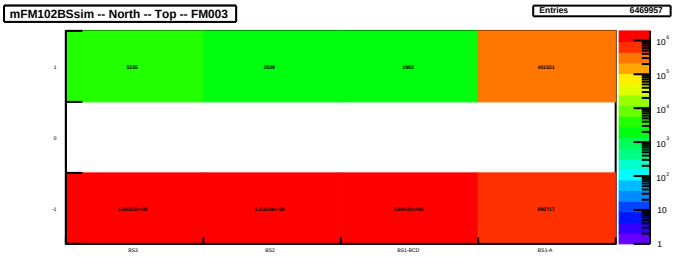

mFM101D -- South -- Bottom -- FM002
Entries 5000000
D(23)

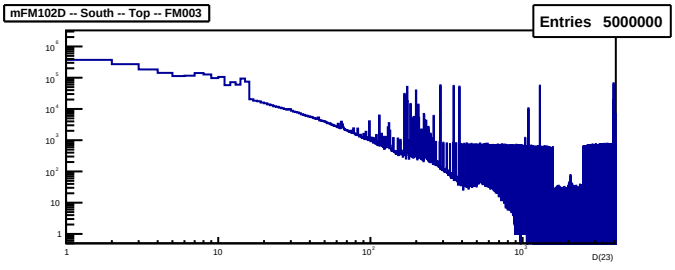

mFM101Dsim -- South -- Bottom -- FM002
Entries 2006114
D(23)

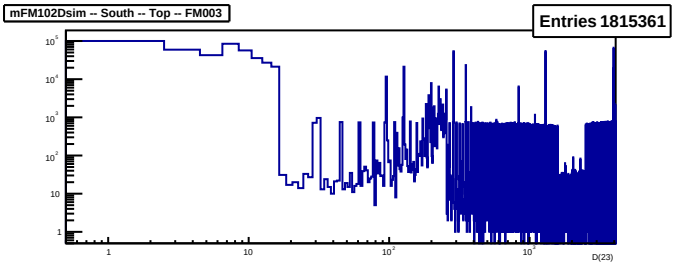

mFM101JP -- South -- Bottom -- FM002
Entries 1e+07

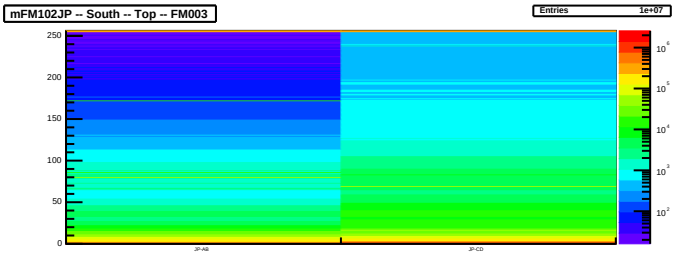

mFM101JPsim -- South -- Bottom -- FM002
Entries 4761916

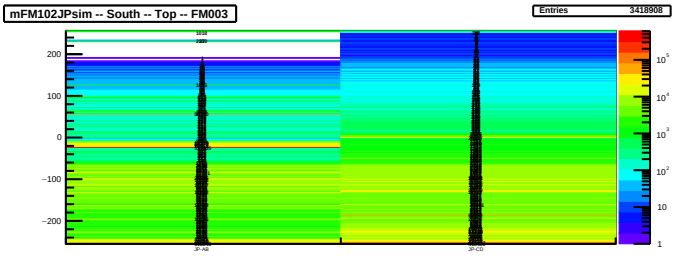

mFM102BS -- North -- Top -- FM003
Entries 2e+07

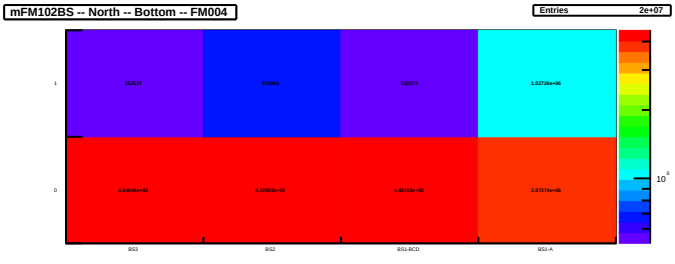

mFM102BSsim -- North -- Top -- FM003
Entries 6469957

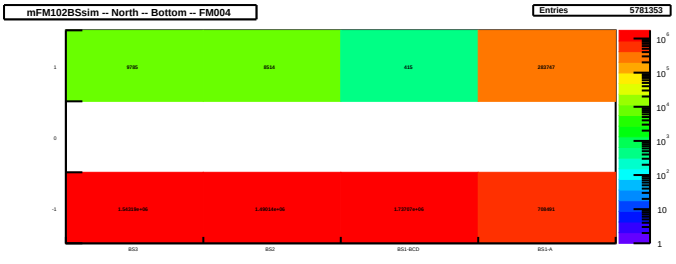

mFM102D -- South -- Top -- FM003
Entries 5000000
D(23)

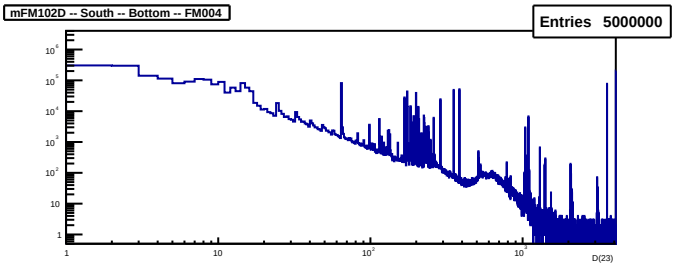

mFM102Dsim -- South -- Top -- FM003
Entries 1815361
D(23)

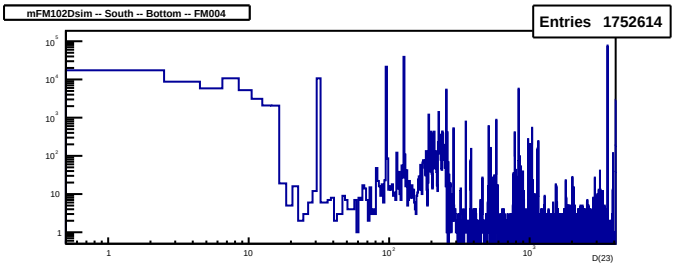

mFM102JP -- South -- Top -- FM003
Entries 1e+07

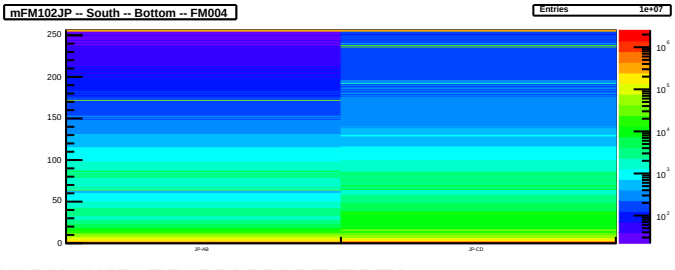

mFM102JPsim -- South -- Top -- FM003
Entries 3418908

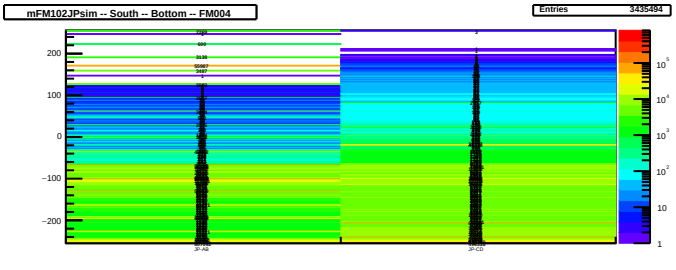

mFM102BS -- North -- Bottom -- FM004
Entries 2e+07

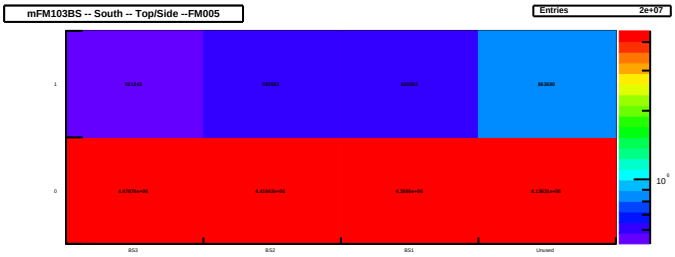

mFM102BSsim -- North -- Bottom -- FM004
Entries 5781353

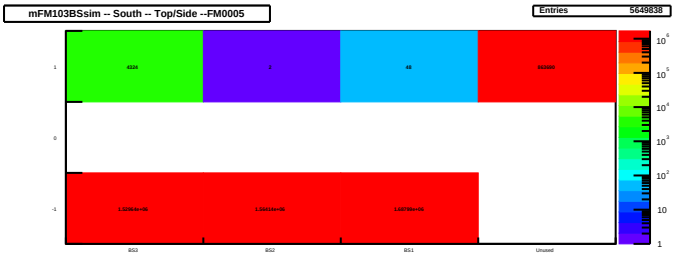

mFM102D -- South -- Bottom -- FM004
Entries 5000000
D(23)

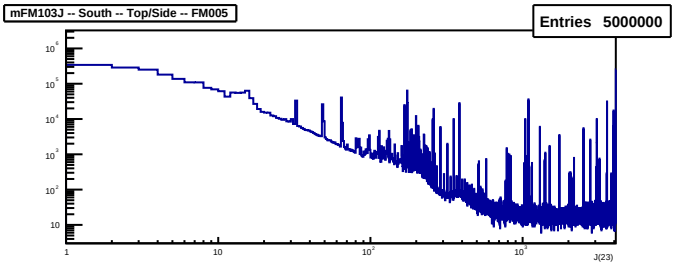

mFM102Dsim -- South -- Bottom -- FM004
Entries 1752614
D(23)

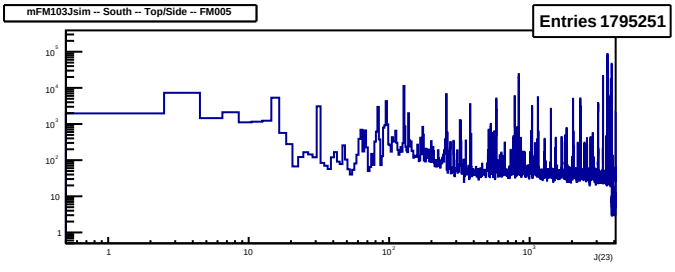

mFM102JP -- South -- Bottom -- FM004
Entries 1e+07

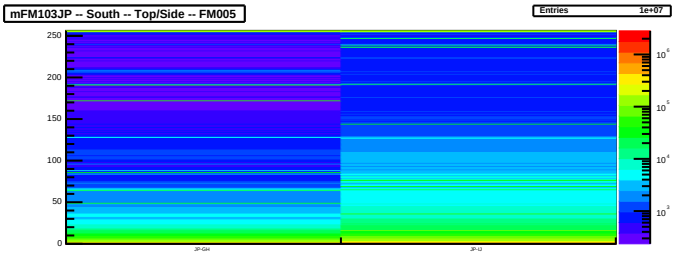

mFM102JPsim -- South -- Bottom -- FM004
Entries 3435494

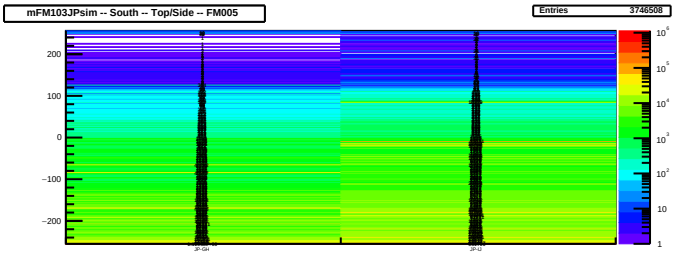

mFM103BS -- South -- Top/Side --FM005
Entries 2e+07

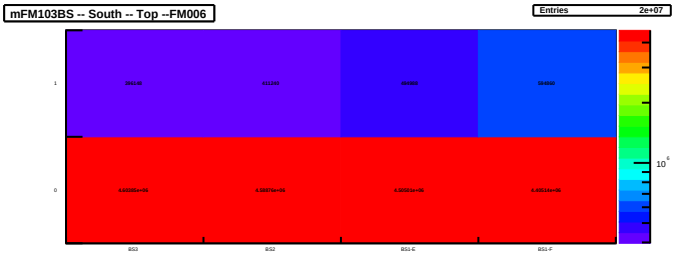

mFM103BSsim -- South -- Top/Side --FM0005
Entries 5649838

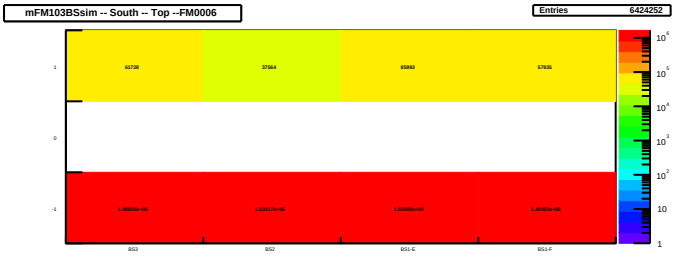

mFM103J -- South -- Top/Side -- FM005
Entries 5000000
J(23)

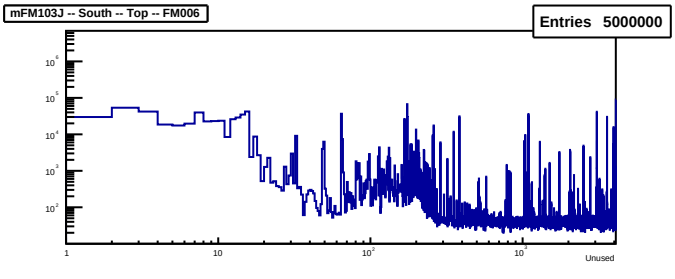

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1795251
J(23)

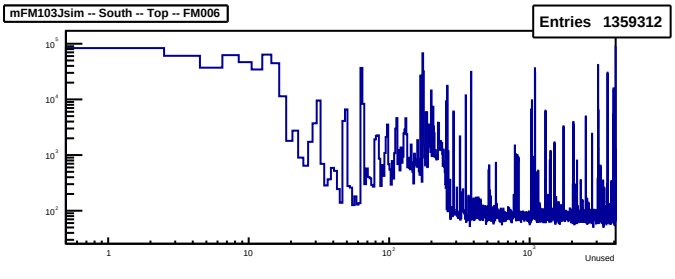

mFM103JP -- South -- Top/Side -- FM005
Entries 1e+07

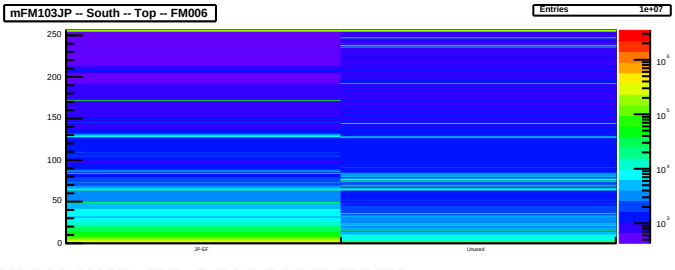

mFM103JPsim -- South -- Top/Side -- FM005
Entries 3746508

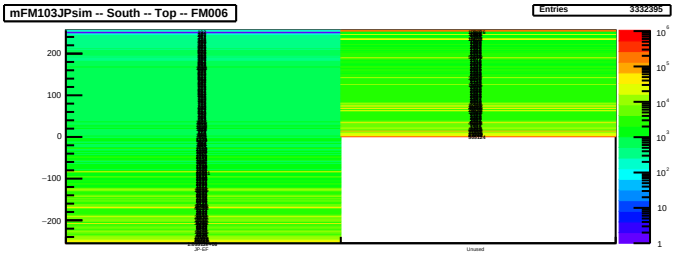

mFM103BS -- South -- Top --FM006
Entries 2e+07

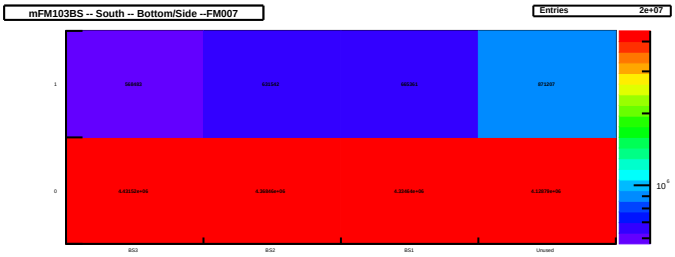

mFM103BSsim -- South -- Top --FM0006
Entries 6424252

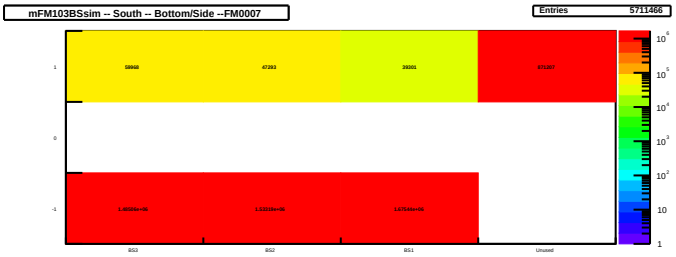

mFM103J -- South -- Top -- FM006
Entries 5000000
Unused

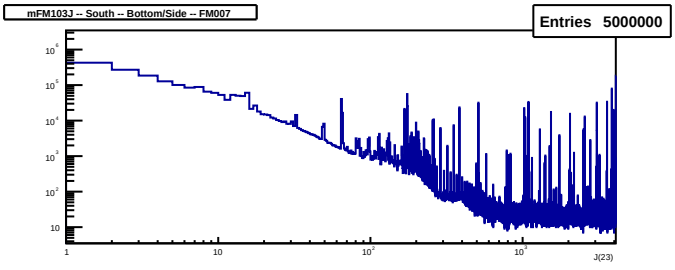

mFM103Jsim -- South -- Top -- FM006
Entries 1359312
Unused

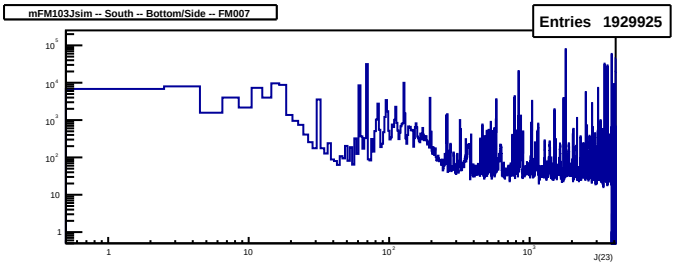

mFM103JP -- South -- Top -- FM006
Entries 1e+07

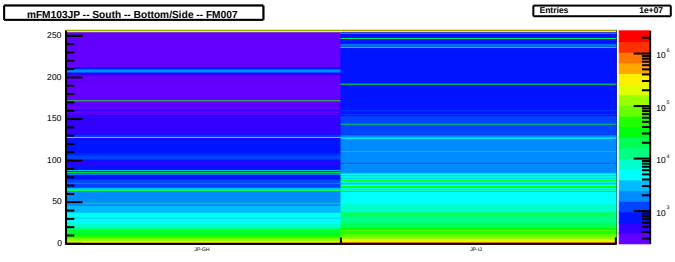

mFM103JPsim -- South -- Top -- FM006
Entries 3332395

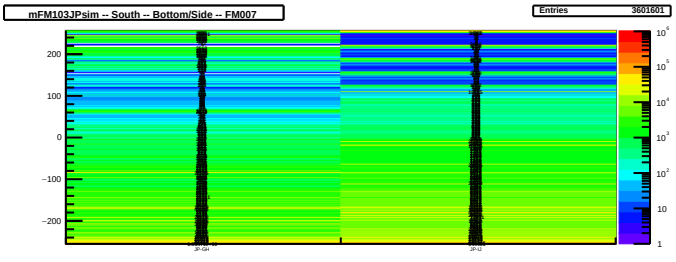

mFM103BS -- South -- Bottom/Side --FM007
Entries 2e+07

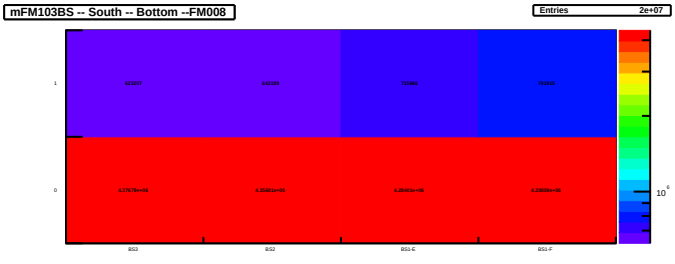

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 5711466

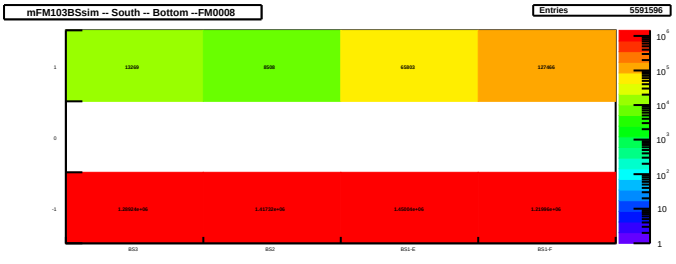

mFM103J -- South -- Bottom/Side -- FM007
Entries 5000000
J(23)

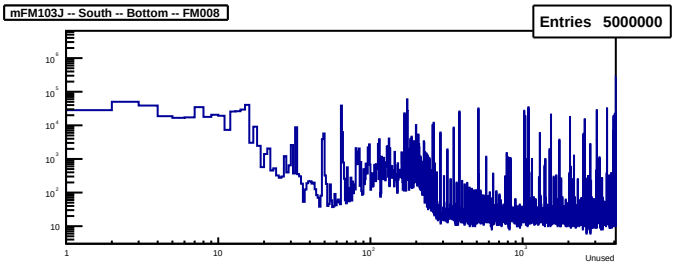

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 1929925
J(23)

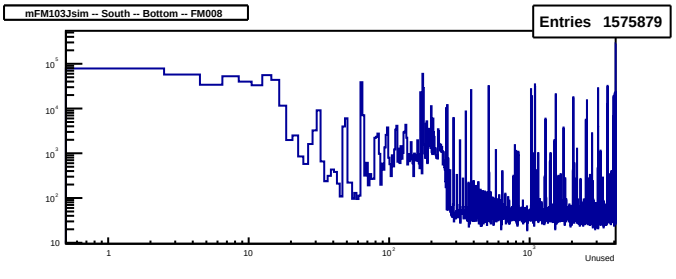

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1e+07

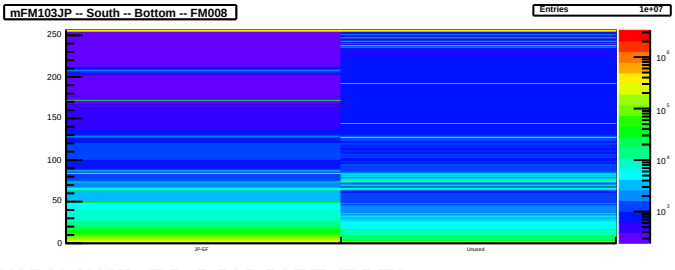

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 3601601

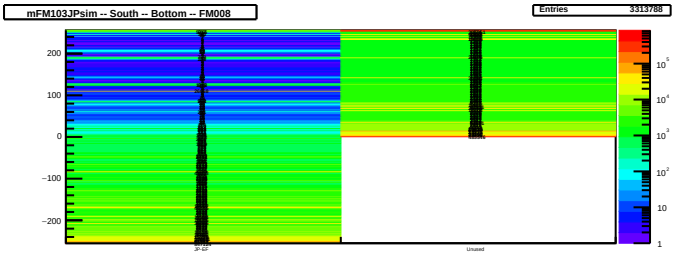

mFM103BS -- South -- Bottom --FM008
Entries 2e+07

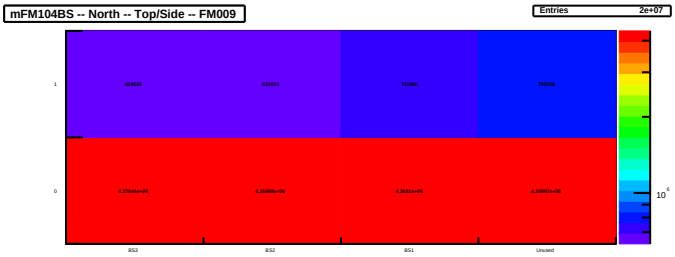

mFM103BSsim -- South -- Bottom --FM0008
Entries 5591596

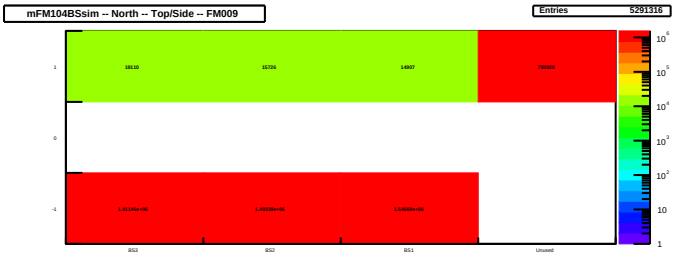

mFM103J -- South -- Bottom -- FM008
Entries 5000000
Unused

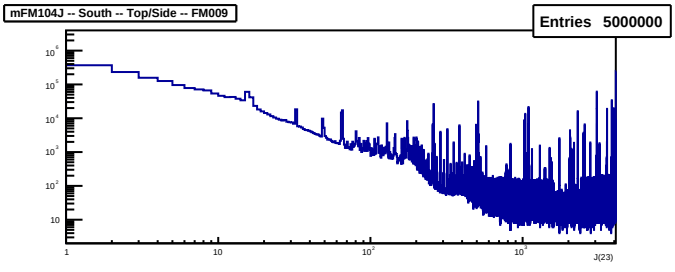

mFM103Jsim -- South -- Bottom -- FM008
Entries 1575879
Unused

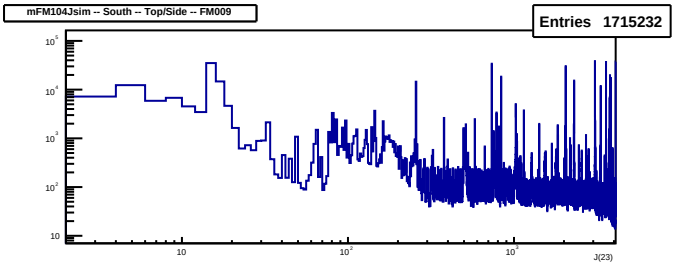

mFM103JP -- South -- Bottom -- FM008
Entries 1e+07

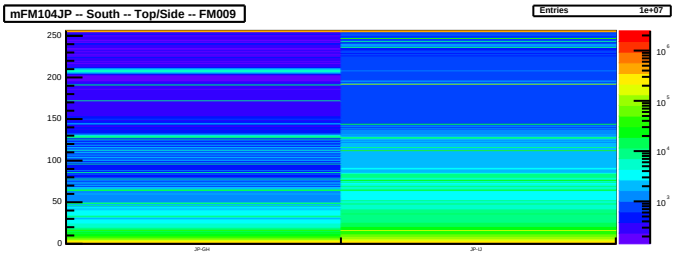

mFM103JPsim -- South -- Bottom -- FM008
Entries 3313788

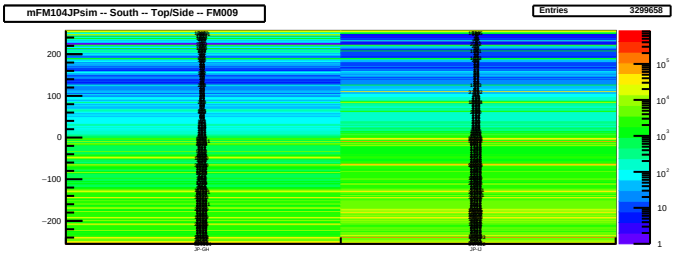

mFM104BS -- North -- Top/Side -- FM009
Entries 2e+07

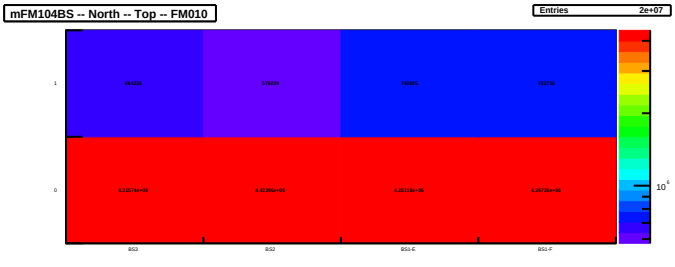

mFM104BSsim -- North -- Top/Side -- FM009
Entries 5291316

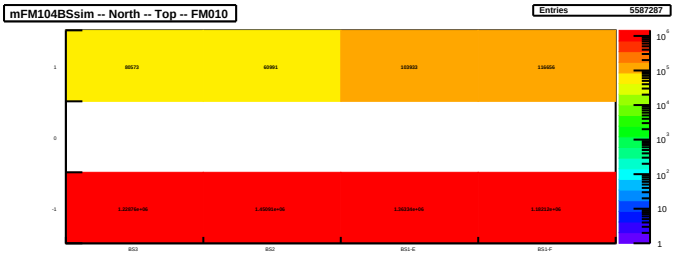

mFM104J -- South -- Top/Side -- FM009
Entries 5000000
J(23)

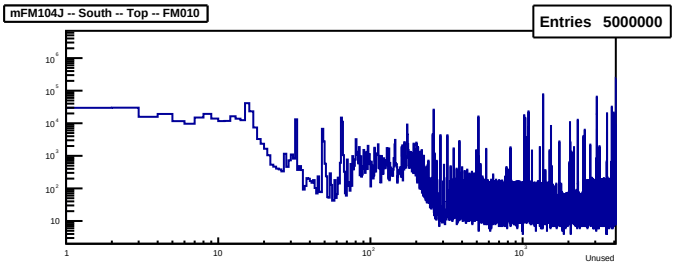

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1715232
J(23)

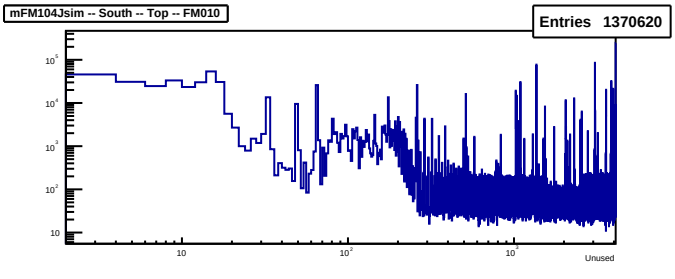

mFM104JP -- South -- Top/Side -- FM009
Entries 1e+07

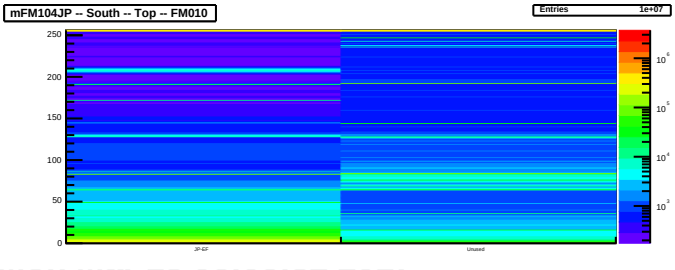

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3299658

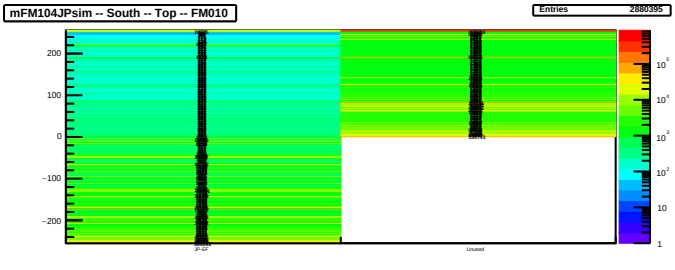

mFM104BS -- North -- Top -- FM010
Entries 2e+07

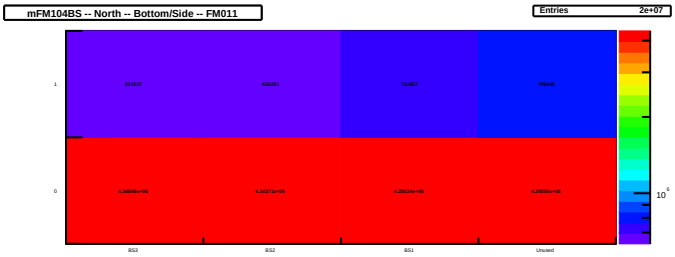

mFM104BSsim -- North -- Top -- FM010
Entries 5587287

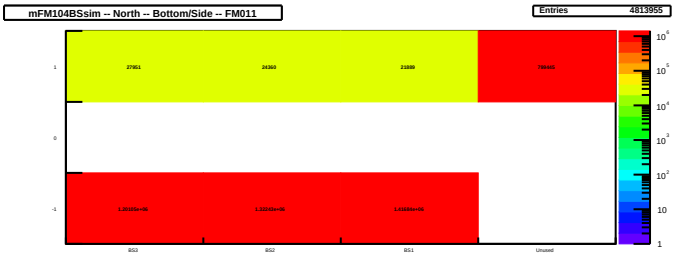

mFM104J -- South -- Top -- FM010
Entries 5000000
Unused

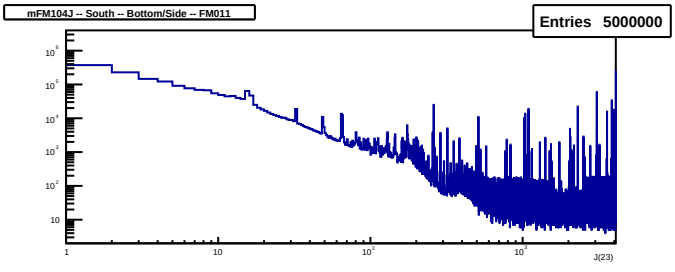

mFM104Jsim -- South -- Top -- FM010
Entries 1370620
Unused

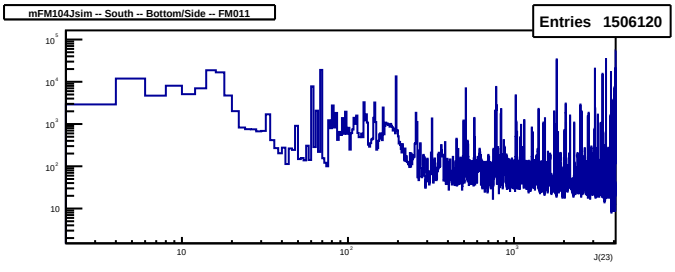

mFM104JP -- South -- Top -- FM010
Entries 1e+07

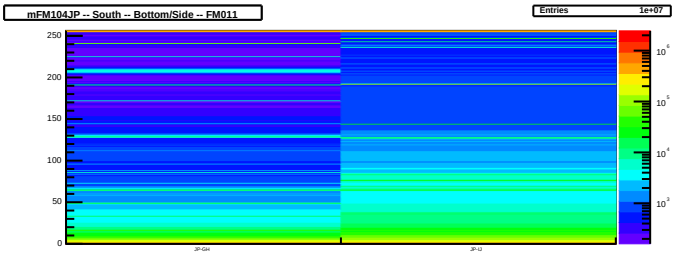

mFM104JPsim -- South -- Top -- FM010
Entries 2880395

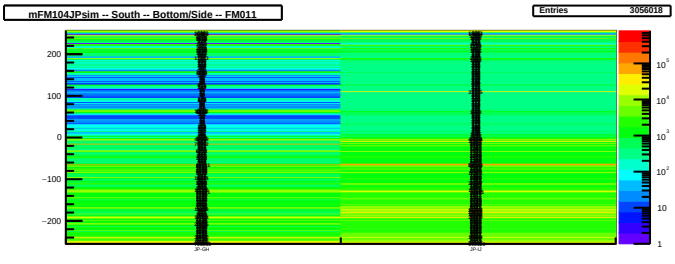

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2e+07
BS3
BS2
BS1
Unused

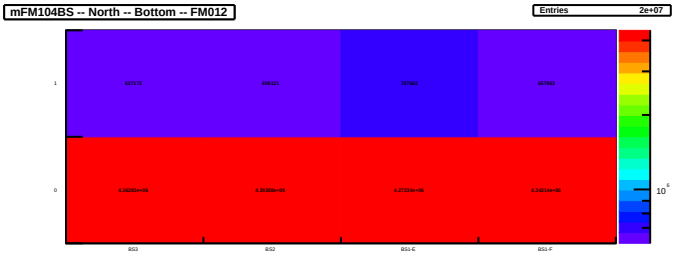

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4813955
BS3
BS2
BS1
Unused

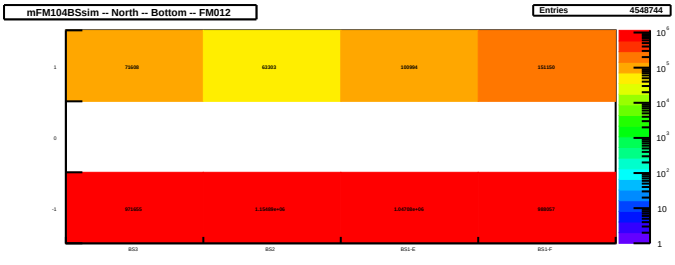

mFM104J -- South -- Bottom/Side -- FM011
Entries 5000000
J(23)

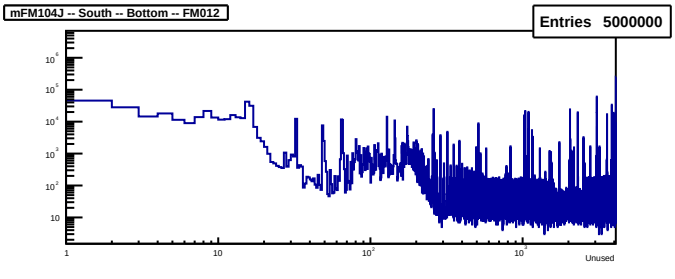

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1506120
J(23)

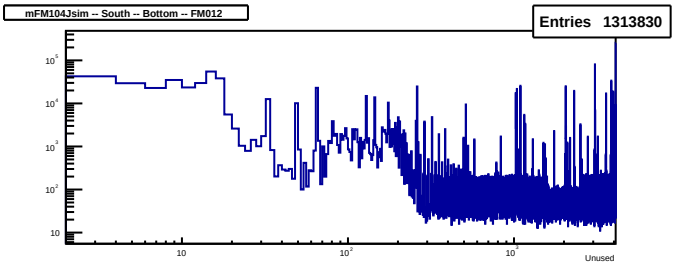

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1e+07
JP-GH
JP-IJ

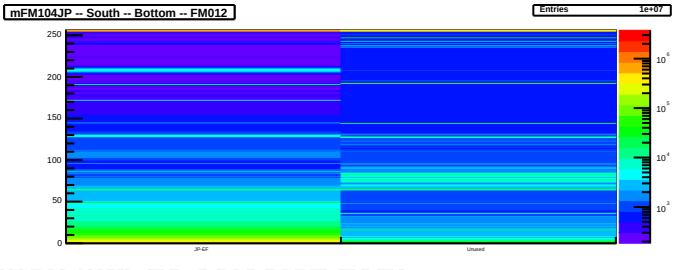

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3056018
JP-GH
JP-IJ

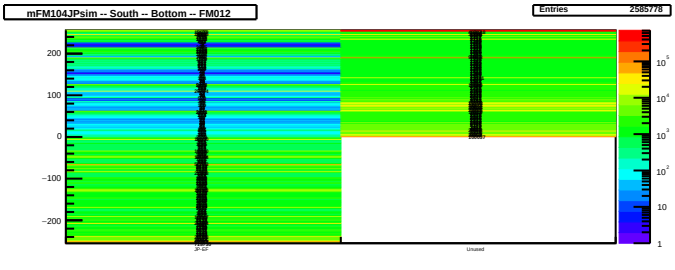

mFM104BS -- North -- Bottom -- FM012
Entries 2e+07
BS3
BS2
BS1-E
BS1-F

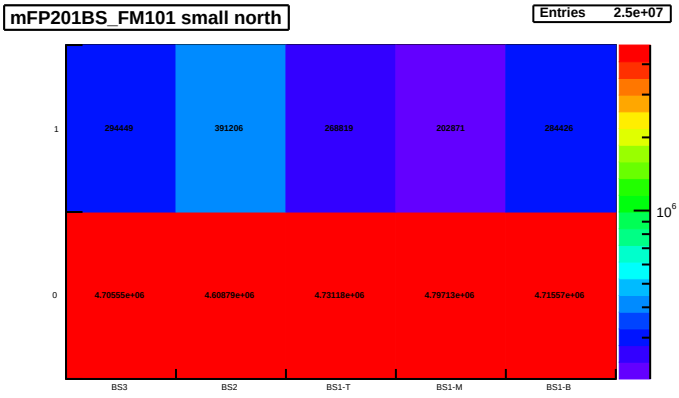

mFM104BSsim -- North -- Bottom -- FM012
Entries 4548744
BS3
BS2
BS1-E
BS1-F

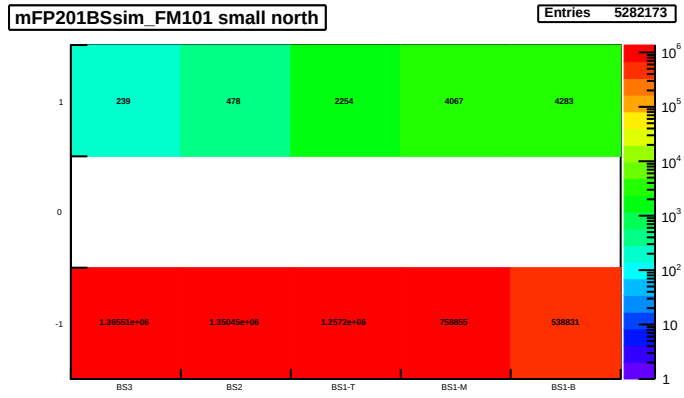

mFM104J -- South -- Bottom -- FM012
Entries 5000000
Unused

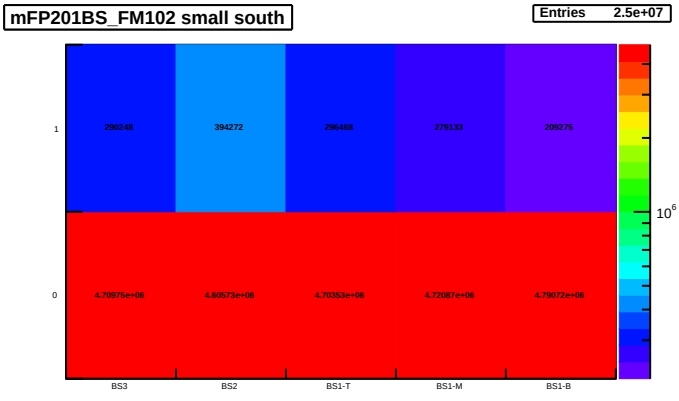

mFM104Jsim -- South -- Bottom -- FM012
Entries 1313830
Unused

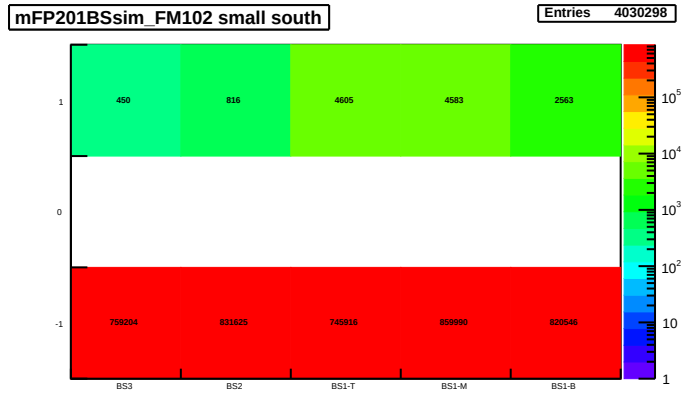

mFM104JP -- South -- Bottom -- FM012
Entries 1e+07
JP-EF
Unused

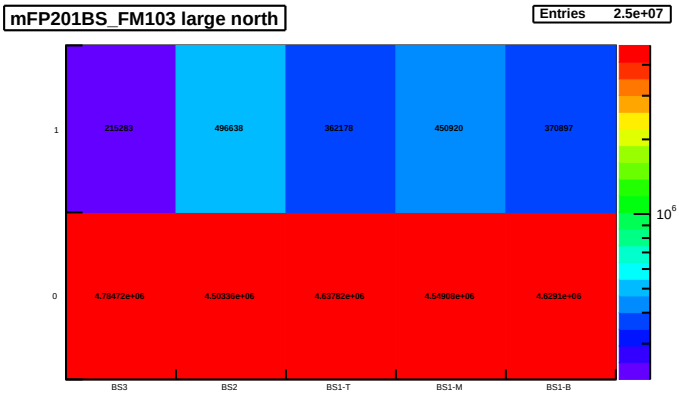

mFM104JPsim -- South -- Bottom -- FM012
Entries 2585778
JP-EF
Unused

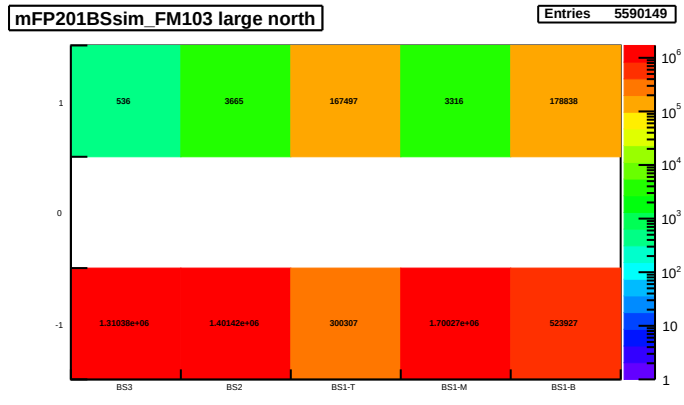

mFP201BS_FM101 small north
Entries 2.5e+07
294449
391206
268819
202871
284426
4.70555e+06
4.60879e+06
4.73118e+06
4.79713e+06
4.71557e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

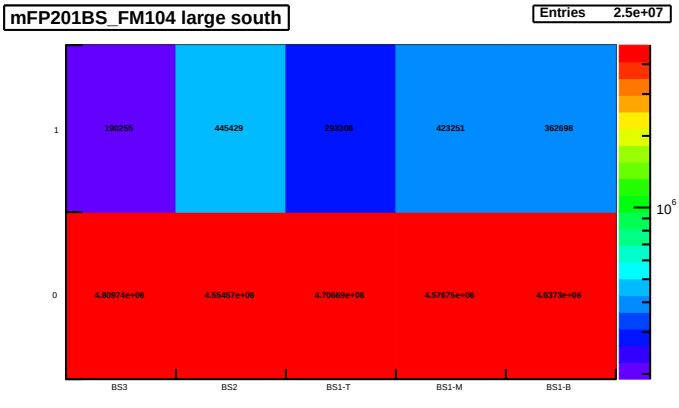

mFP201BSsim_FM101 small north
Entries 5282173
239
478
2254
4067
4283
1.36551e+06
1.35045e+06
1.2572e+06
758855
538831
BS3
BS2
BS1-T
BS1-M
BS1-B

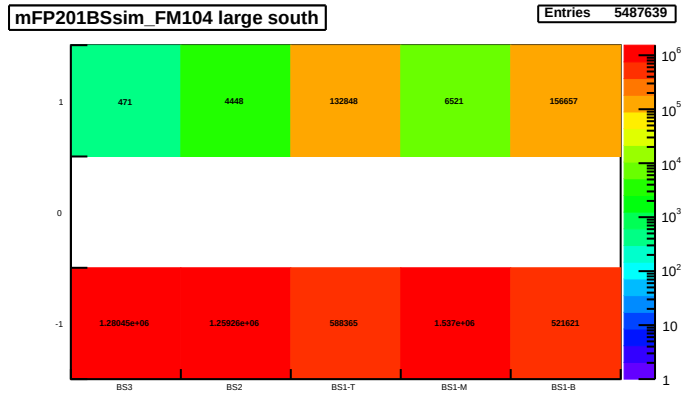

mFP201BS_FM102 small south
Entries 2.5e+07
290248
394272
296468
279133
209275
4.70975e+06
4.60573e+06
4.70353e+06
4.72087e+06
4.79072e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

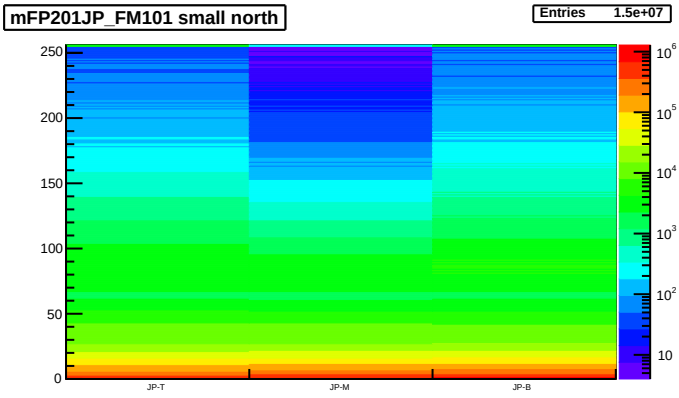

mFP201BSsim_FM102 small south
Entries 4030298
450
816
4605
4583
2563
759204
831625
745916
859990
820546
BS3
BS2
BS1-T
BS1-M
BS1-B

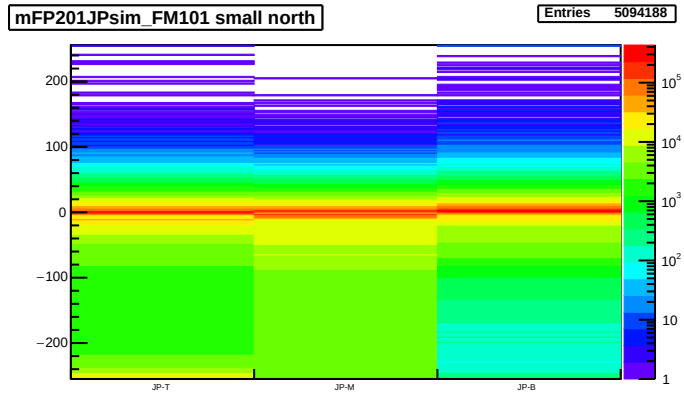

mFP201BS_FM103 large north
Entries 2.5e+07
215283
496638
362178
450920
370897
4.78472e+06
4.50336e+06
4.63782e+06
4.54908e+06
4.6291e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

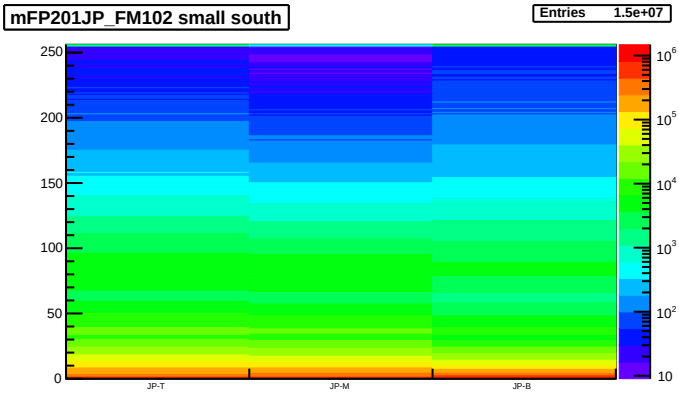

mFP201BSsim_FM103 large north
Entries 5590149
536
3665
167497
3316
178838
1.31038e+06
1.40142e+06
300307
1.70027e+06
523927
BS3
BS2
BS1-T
BS1-M
BS1-B

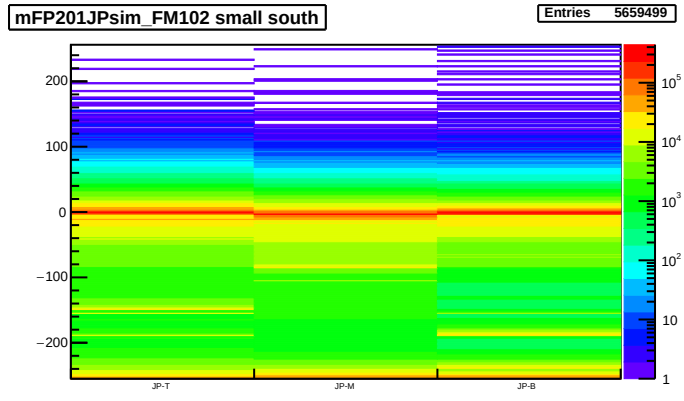

mFP201BS_FM104 large south
Entries 2.5e+07
190255
445429
293308
423251
362698
4.80974e+06
4.55457e+06
4.70669e+06
4.57675e+06
4.6373e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

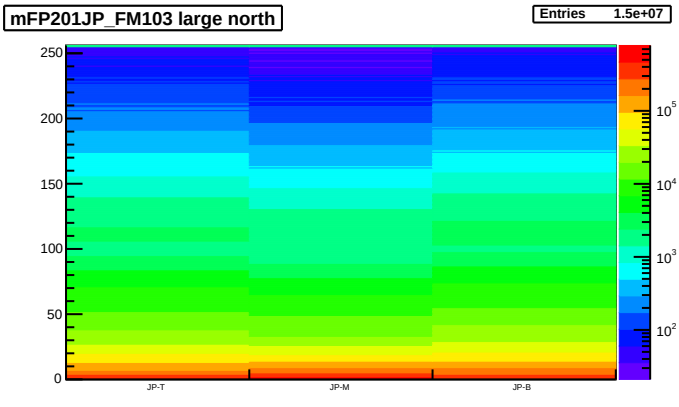

mFP201BSsim_FM104 large south
Entries 5487639
471
4448
132848
6521
156657
1.28045e+06
1.25926e+06
588365
1.537e+06
521621
BS3
BS2
BS1-T
BS1-M
BS1-B

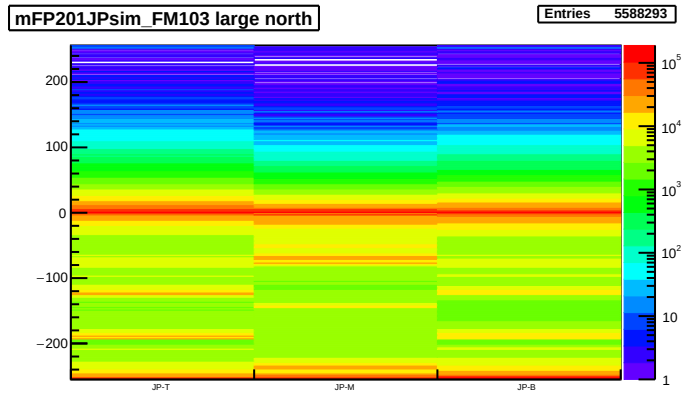

mFP201JP_FM101 small north
Entries 1.5e+07
JP-T
JP-M
JP-B

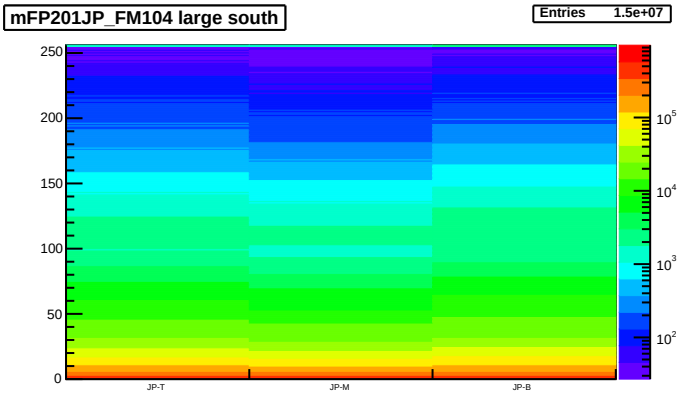

mFP201JPsim_FM101 small north
Entries 5094188
JP-T
JP-M
JP-B

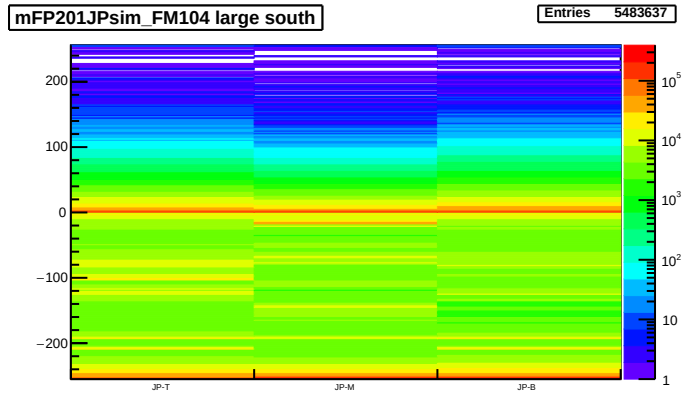

mFP201JP_FM102 small south
Entries 1.5e+07
JP-T
JP-M
JP-B

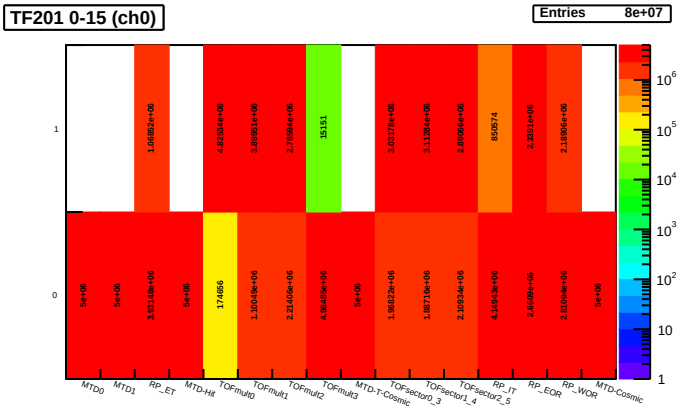

mFP201JPsim_FM102 small south
Entries 5659499
JP-T
JP-M
JP-B

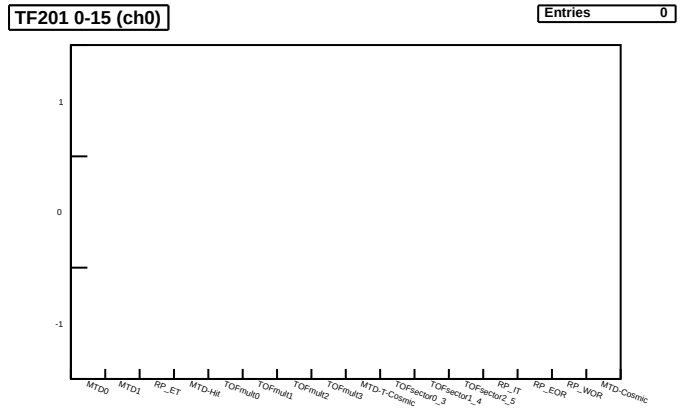

mFP201JP_FM103 large north
Entries 1.5e+07
JP-T
JP-M
JP-B

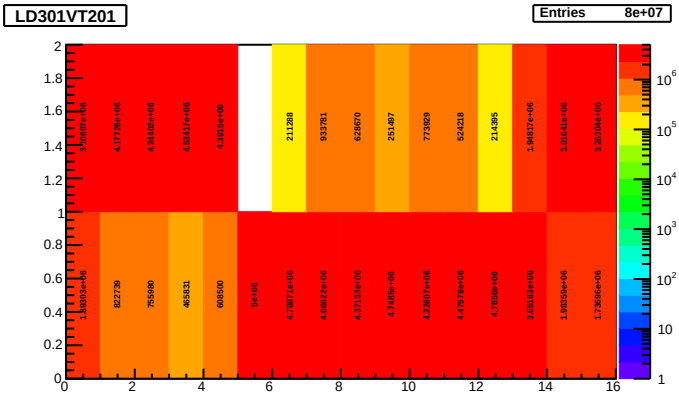

mFP201JPsim_FM103 large north
Entries 5588293
JP-T
JP-M
JP-B

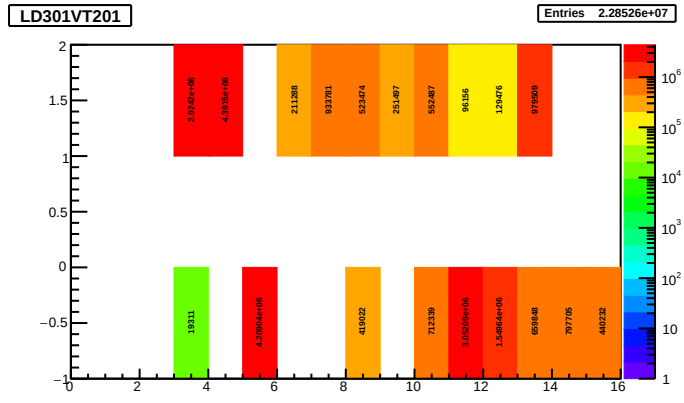

mFP201JP_FM104 large south
Entries 1.5e+07
JP-T
JP-M
JP-B

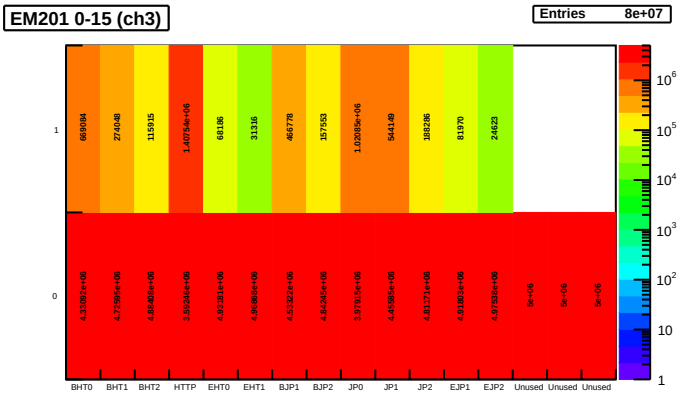

mFP201JPsim_FM104 large south
Entries 5483637
JP-T
JP-M
JP-B

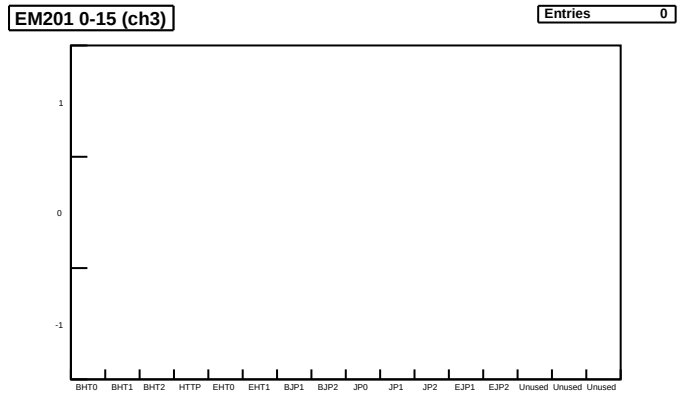

TF201 0-15 (ch0)
Entries 8e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

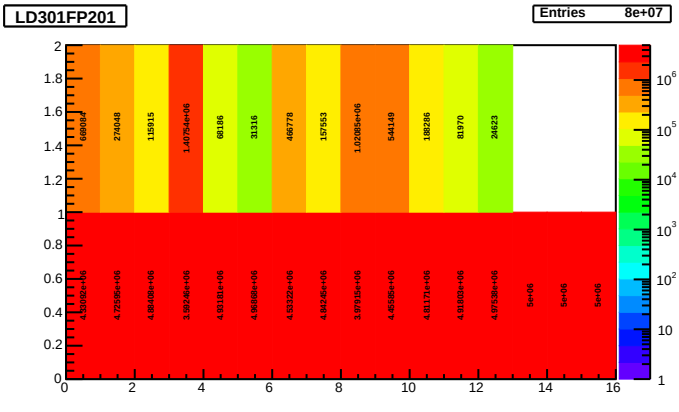

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

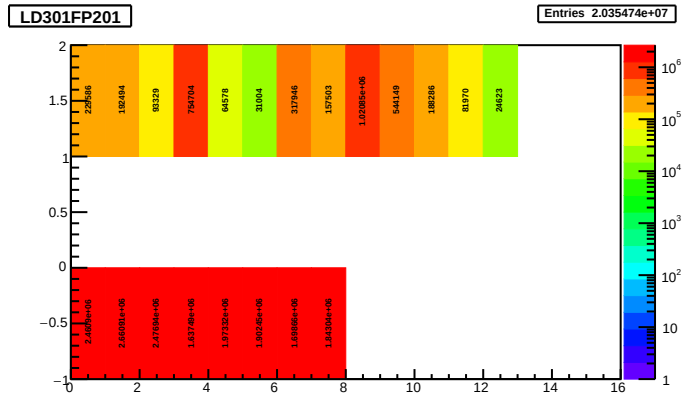

LD301VT201
Entries 8e+07


LD301VT201
Entries 2.28526e+07


EM201 0-15 (ch3)
Entries 8e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 8e+07


LD301FP201
Entries 2.035474e+07