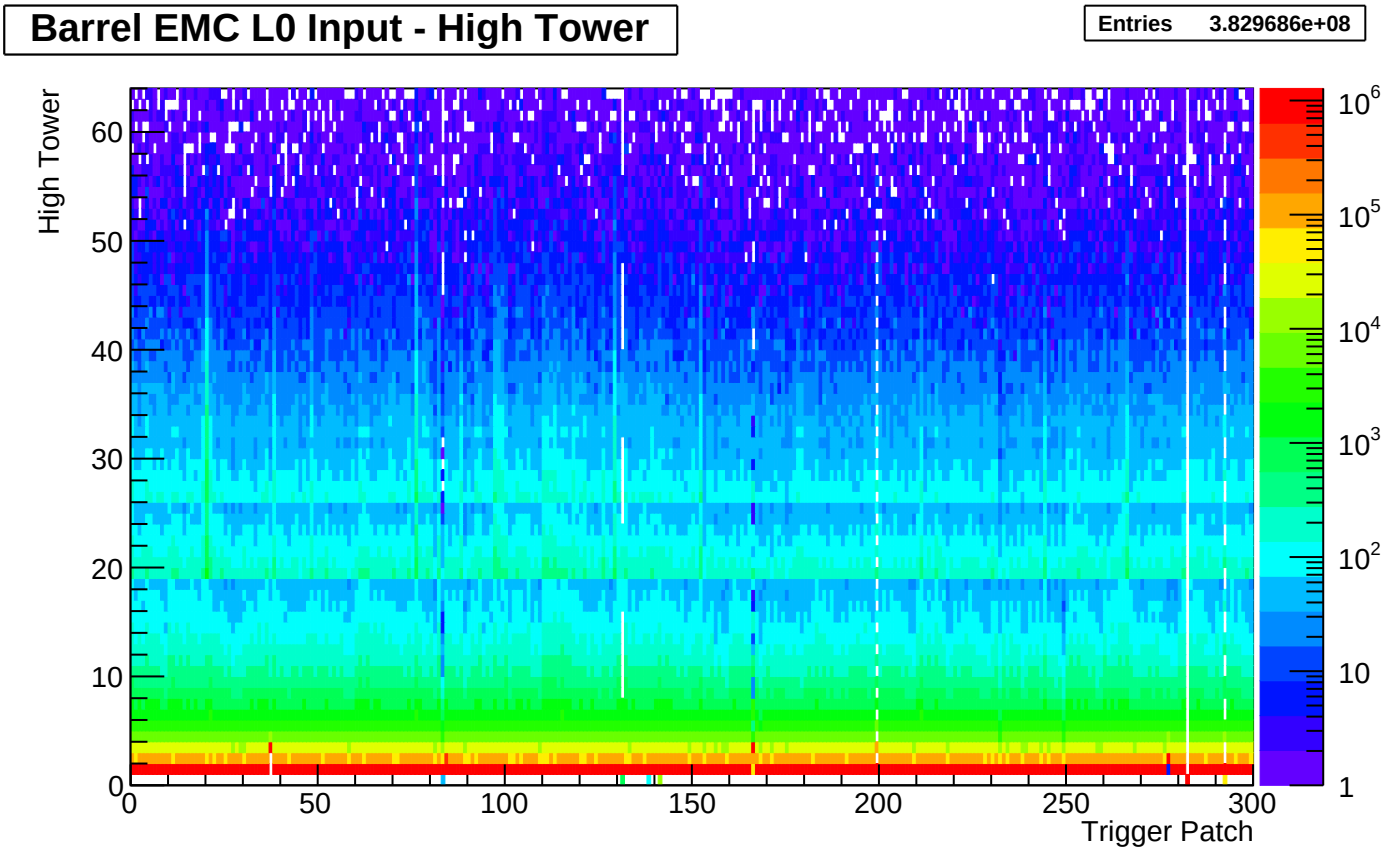
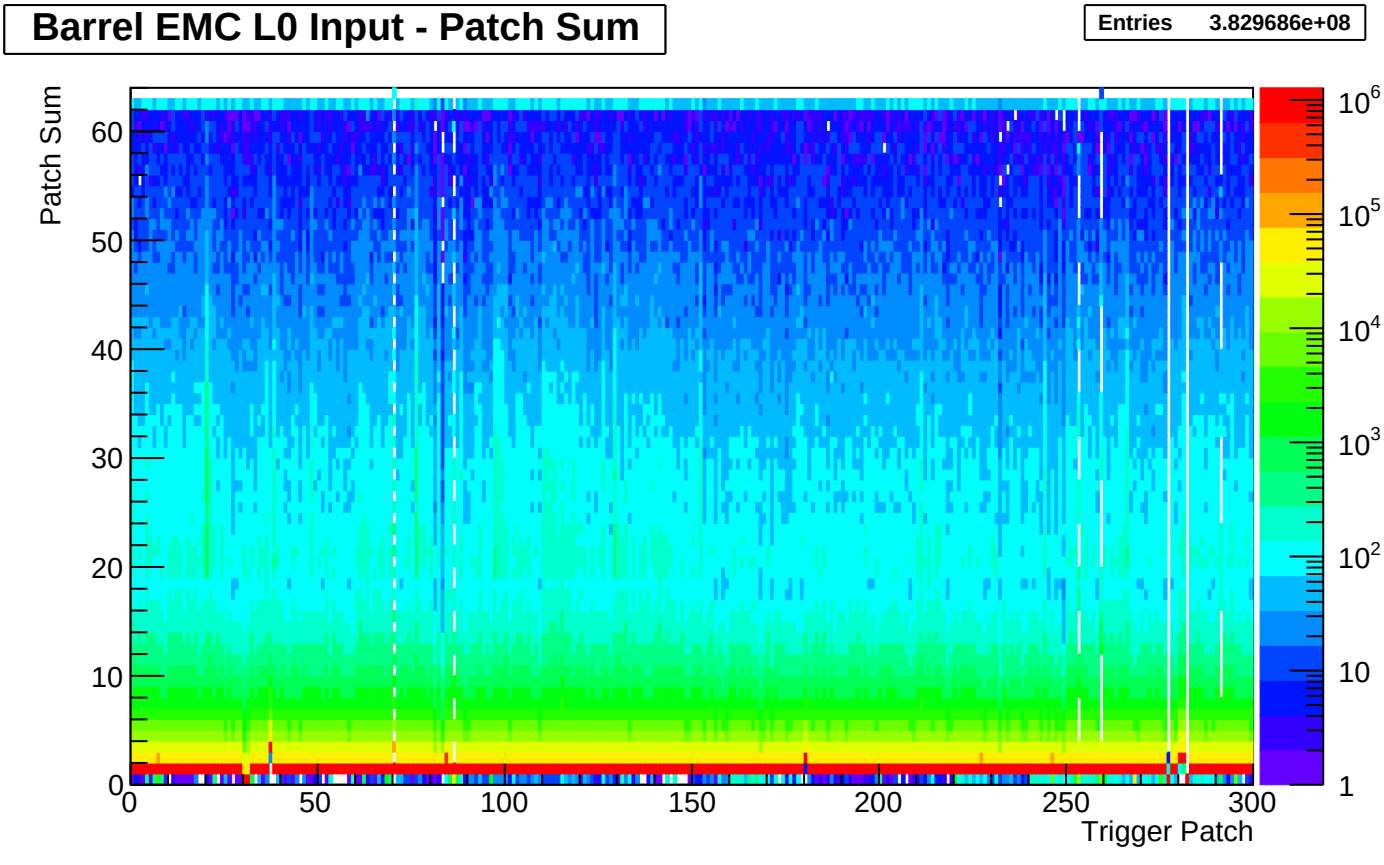
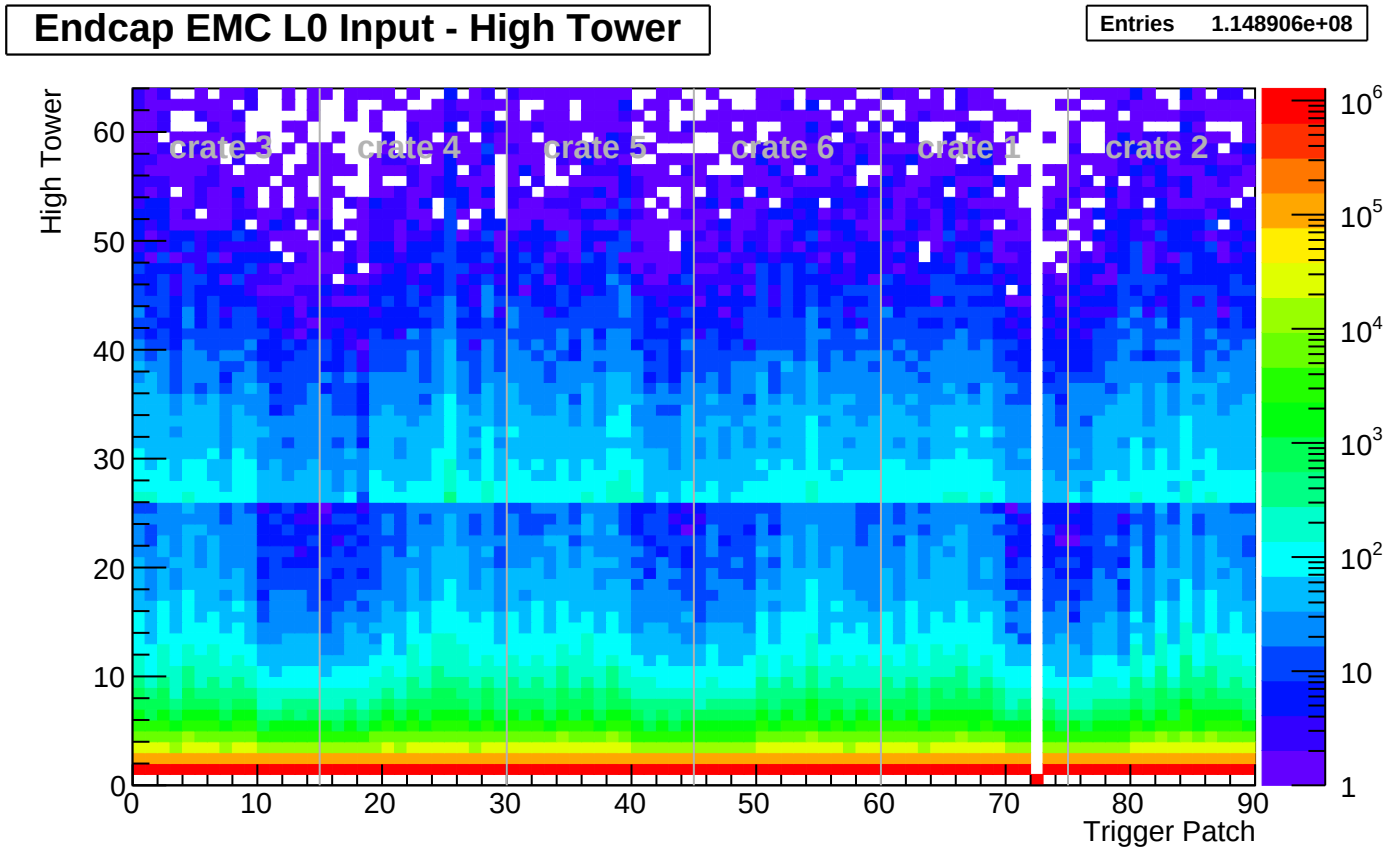
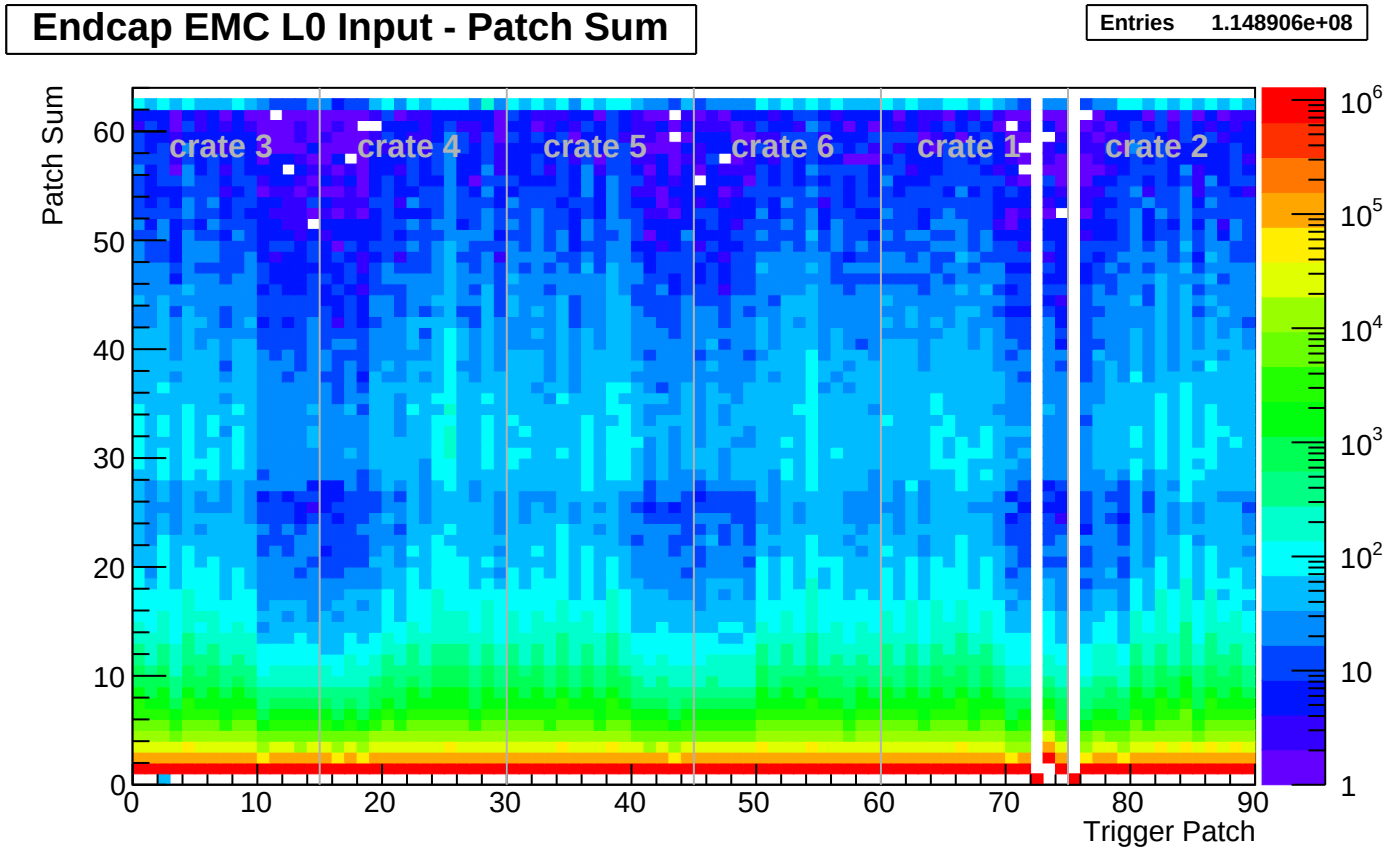
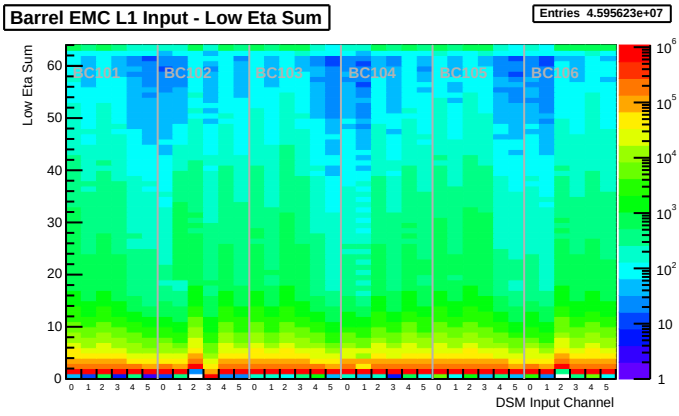
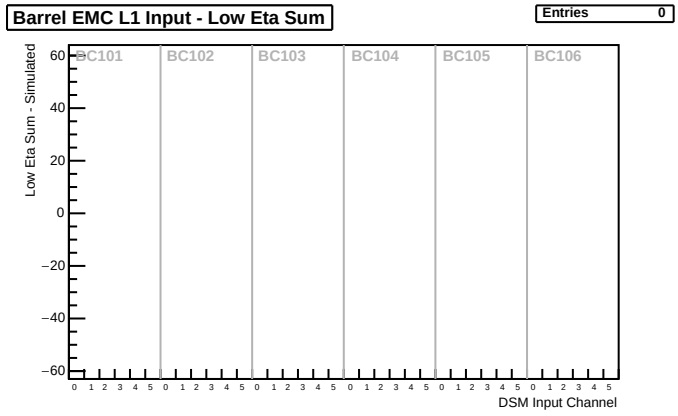

Barrel EMC L0 Input - High Tower
Entries 3.829686e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

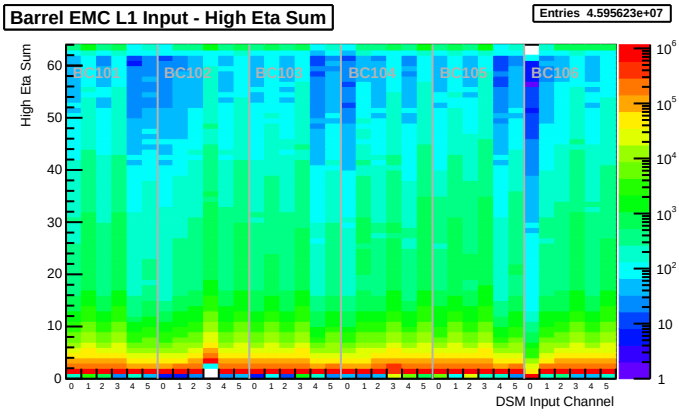

Barrel EMC L0 Input - Patch Sum
Entries 3.829686e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

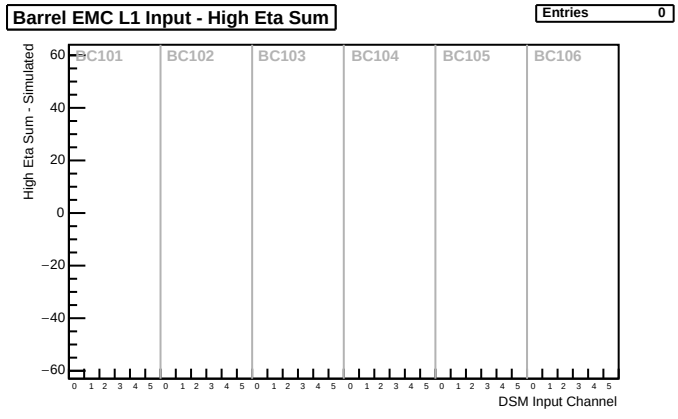

Endcap EMC L0 Input - High Tower
Entries 1.148906e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

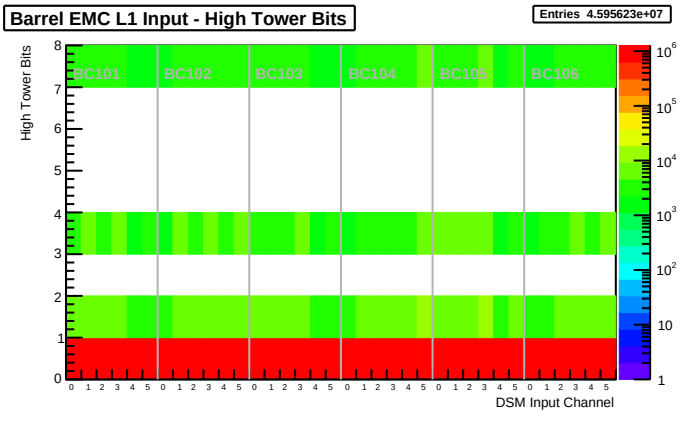

Endcap EMC L0 Input - Patch Sum
Entries 1.148906e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

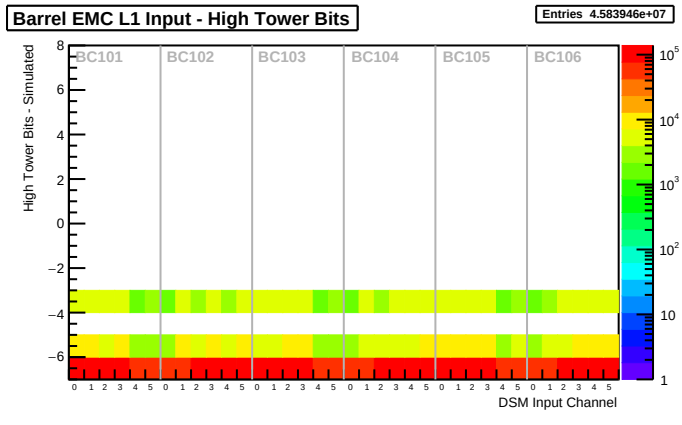

Barrel EMC L1 Input - Low Eta Sum
Entries 4.595623e+07
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

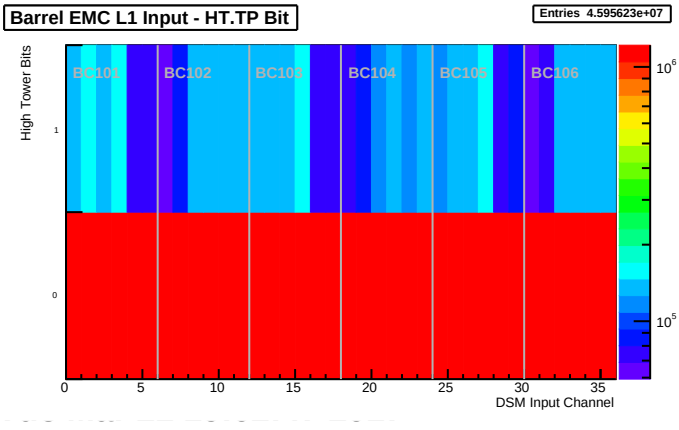

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

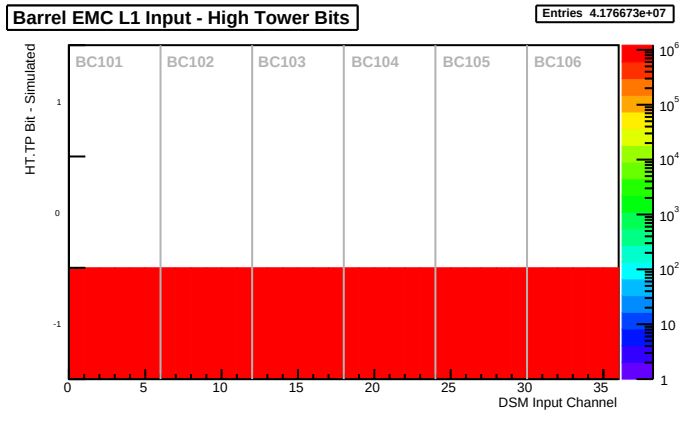

Barrel EMC L1 Input - High Eta Sum
Entries 4.595623e+07
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

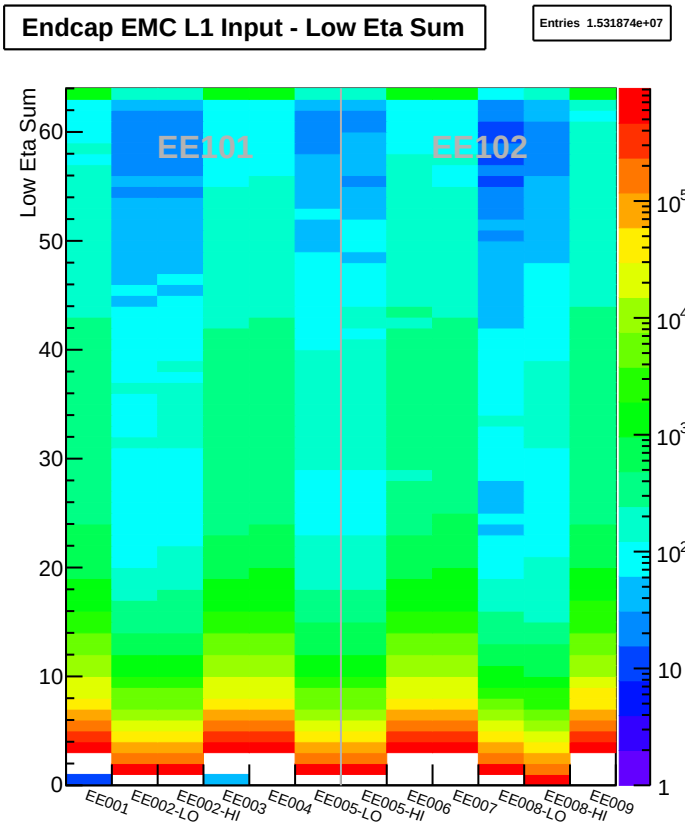

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

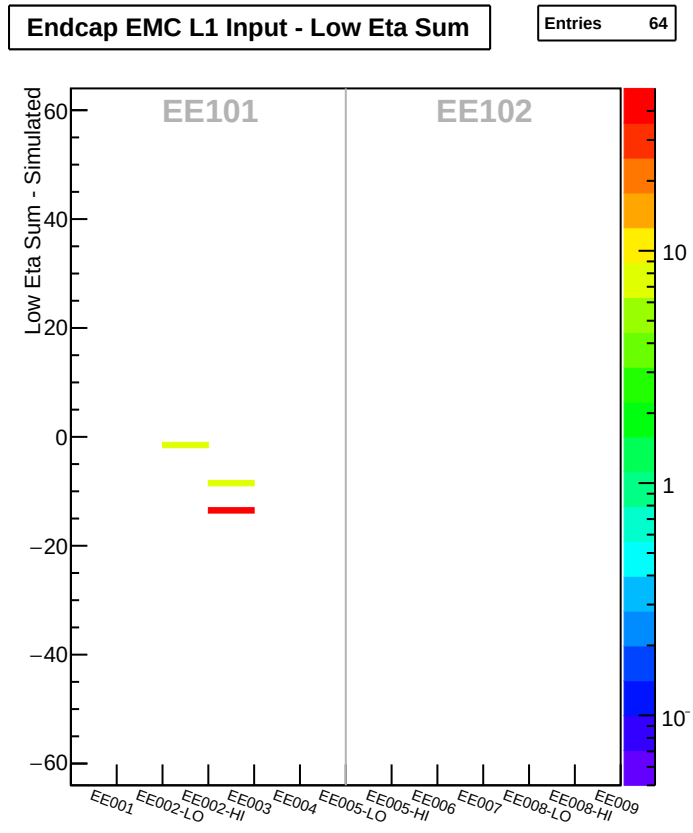

Barrel EMC L1 Input - High Tower Bits
Entries 4.595623e+07
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

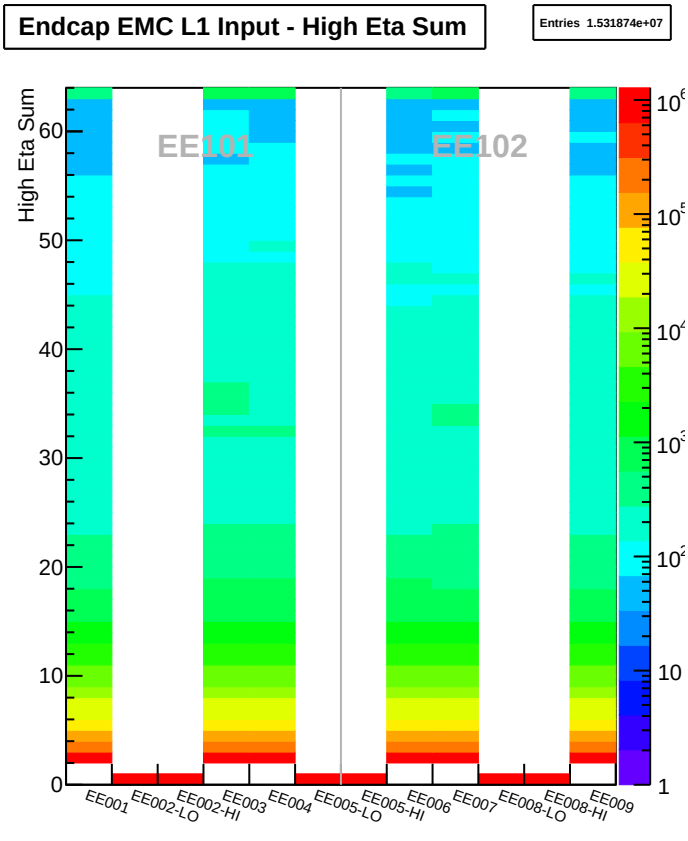

Barrel EMC L1 Input - High Tower Bits
Entries 4.583946e+07
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

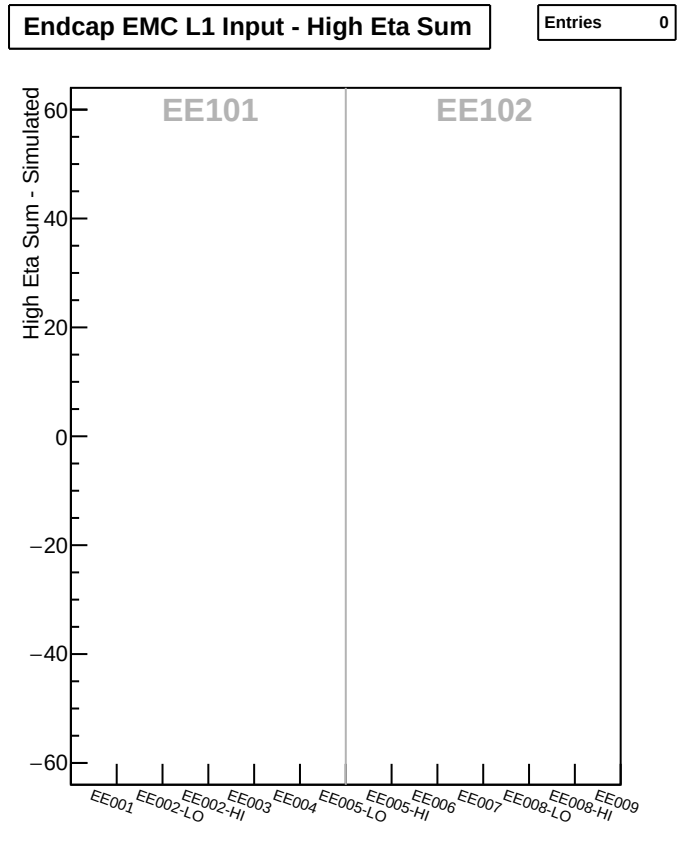

Barrel EMC L1 Input - HT.TP Bit
Entries 4.595623e+07
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

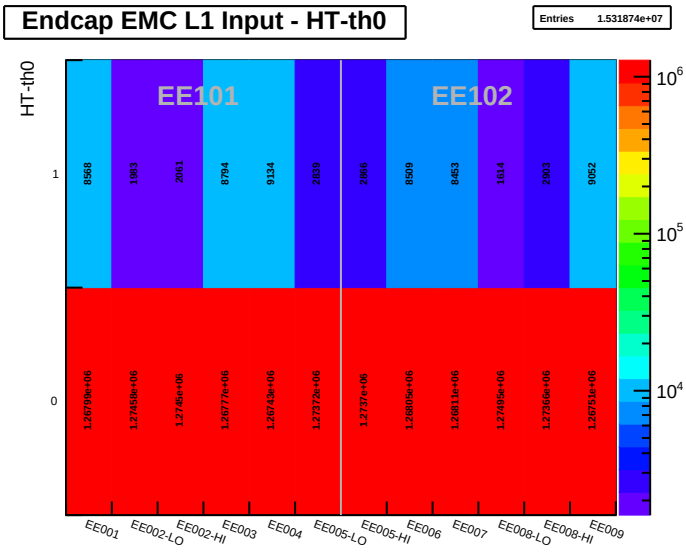

Barrel EMC L1 Input - High Tower Bits
Entries 4.176673e+07
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

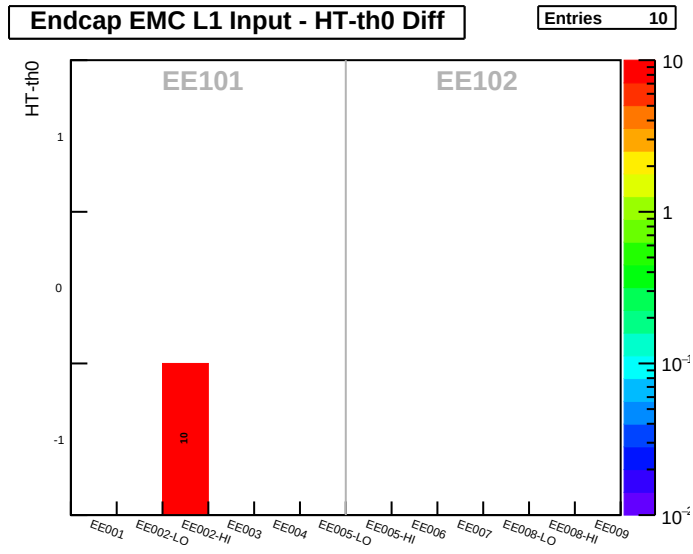

Endcap EMC L1 Input - Low Eta Sum
Entries 1.531874e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

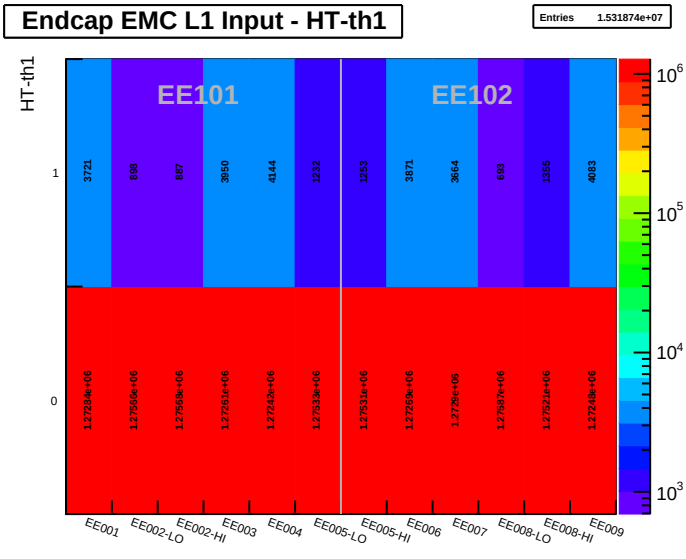

Endcap EMC L1 Input - Low Eta Sum
Entries 64
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

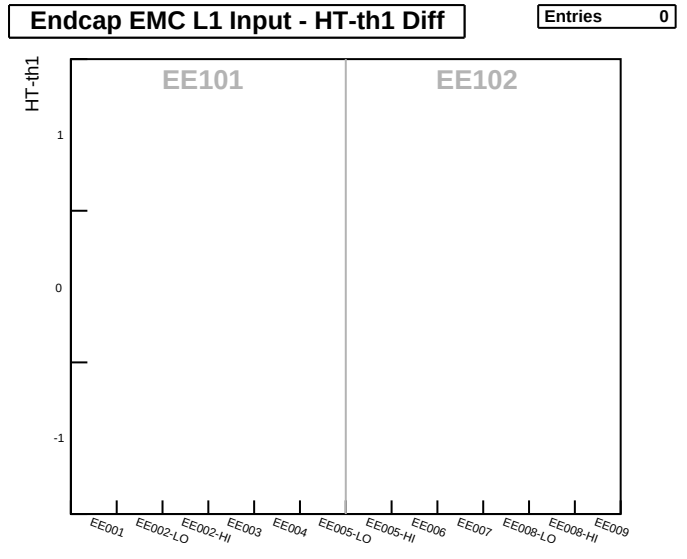

Endcap EMC L1 Input - High Eta Sum
Entries 1.531874e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

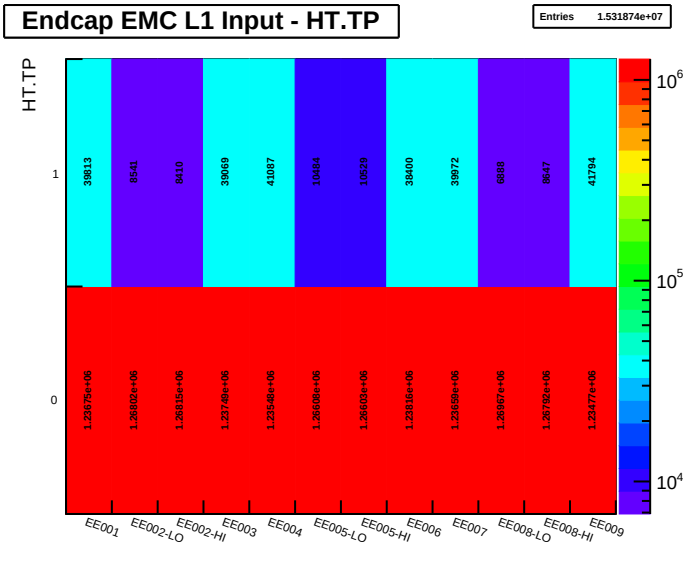

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

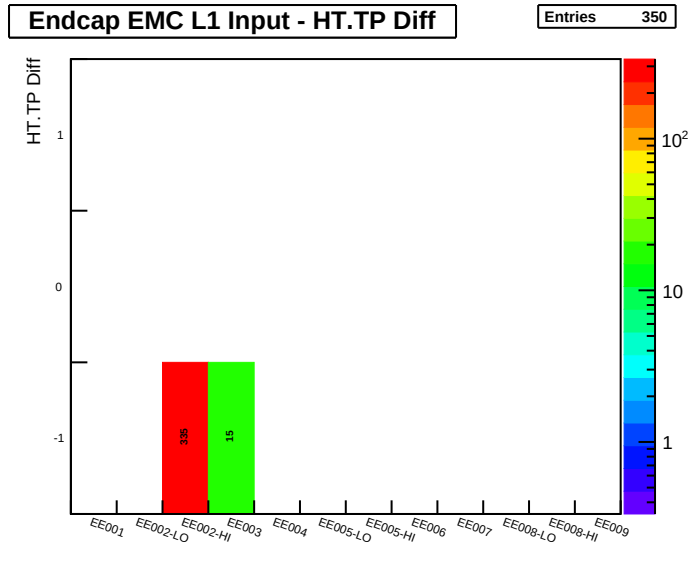

Endcap EMC L1 Input - HT-th0
Entries 1.531874e+07
HT-th0
EE101
EE102
8568 1983 2061 8794 9134 2839 2866 8509 8453 1614 2303 9052
1.26799e+06 1.27459e+06 1.27145e+06 1.26776e+06 1.26743e+06 1.27372e+06 1.2737e+06 1.28805e+06 1.28811e+06 1.27495e+06 1.27366e+06 1.26751e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

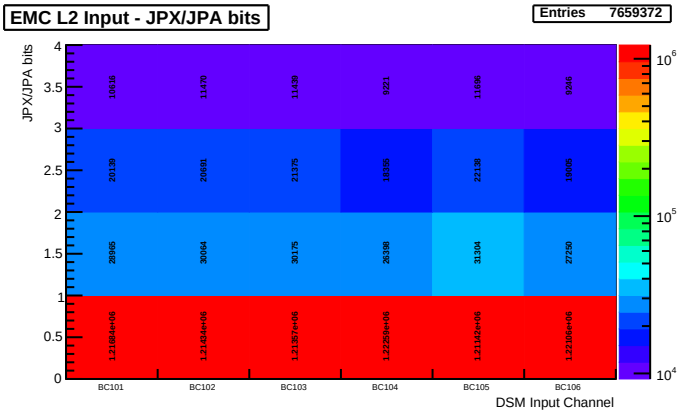

Endcap EMC L1 Input - HT-th0 Diff
Entries 10
HT-th0
EE101
EE102
10
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

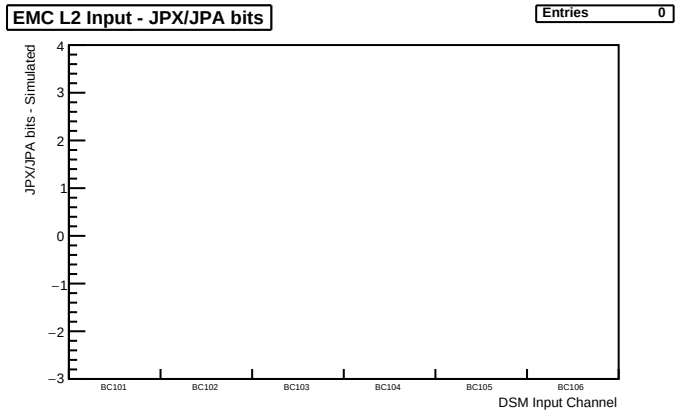

Endcap EMC L1 Input - HT-th1
Entries 1.531874e+07
HT-th1
EE101
EE102
3721 898 837 3950 4144 1232 1253 3871 3664 692 1355 4083
1.27284e+06 1.27556e+06 1.27568e+06 1.27251e+06 1.27242e+06 1.27533e+06 1.27531e+06 1.27269e+06 1.2729e+06 1.27537e+06 1.27521e+06 1.27248e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

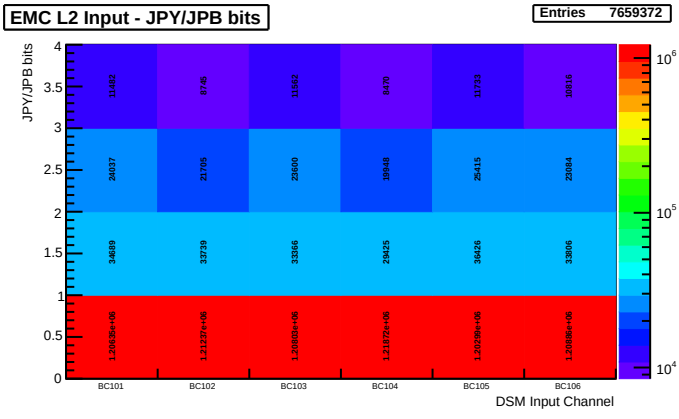

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

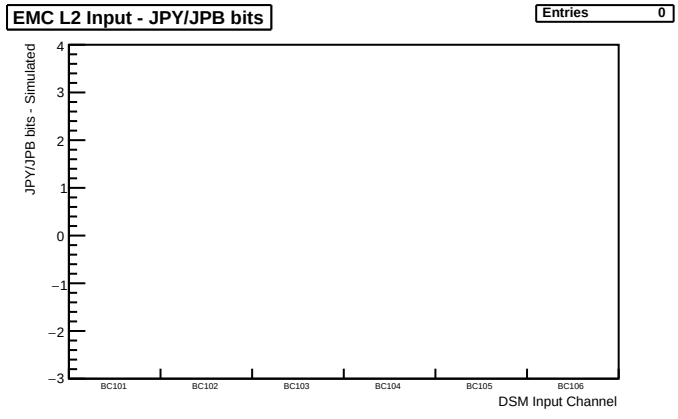

Endcap EMC L1 Input - HT.TP
Entries 1.531874e+07
HT.TP
39813 8541 8410 39069 41087 10494 10529 38400 39972 6688 8647 41794
1.23675e+06 1.26802e+06 1.26815e+06 1.23749e+06 1.23548e+06 1.26608e+06 1.26603e+06 1.23816e+06 1.23659e+06 1.26867e+06 1.26792e+06 1.23477e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

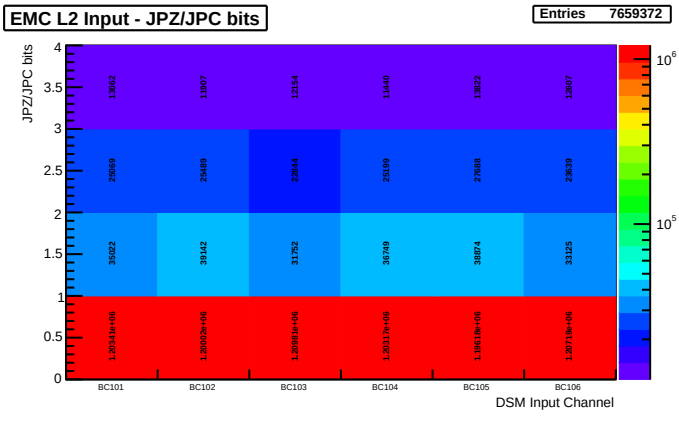

Endcap EMC L1 Input - HT.TP Diff
Entries 350
HT.TP Diff
335
15
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

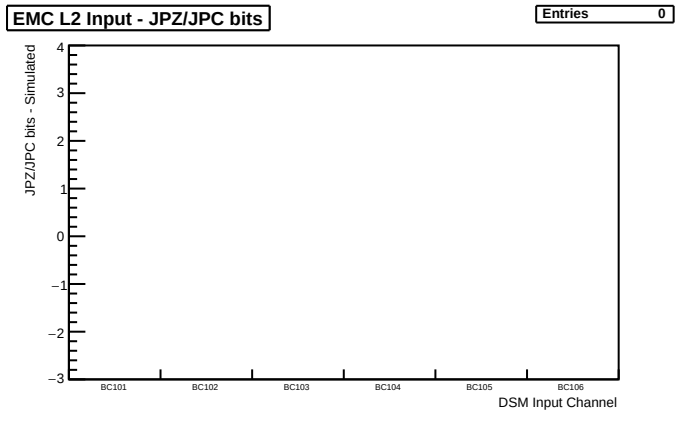

EMC L2 Input - JPX/JPA bits
Entries 7659372
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

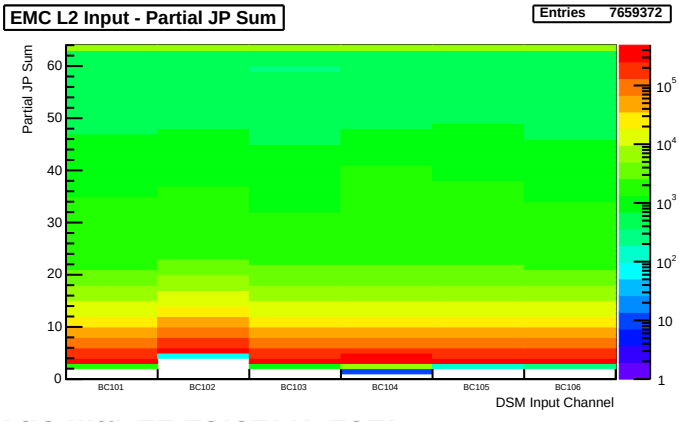

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

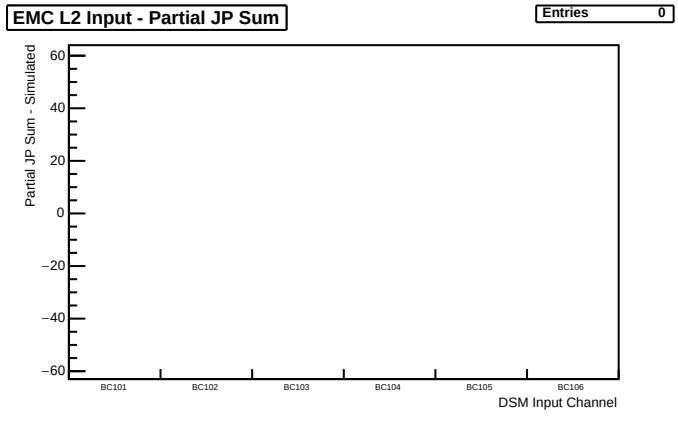

EMC L2 Input - JPY/JPB bits
Entries 7659372
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

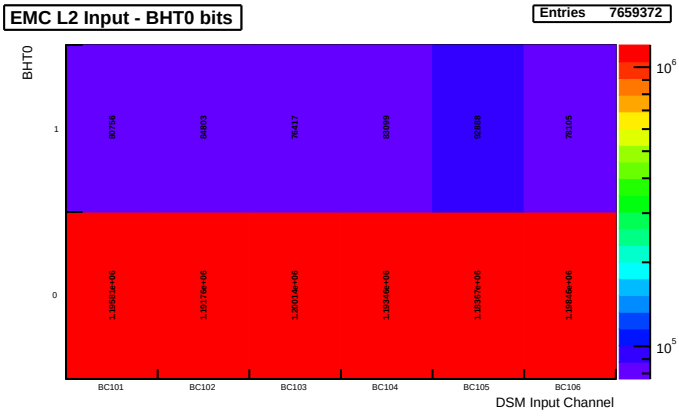

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

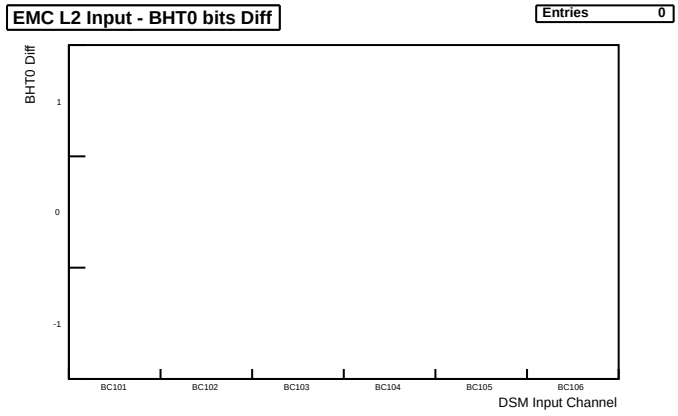

EMC L2 Input - JPZ/JPC bits
Entries 7659372
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

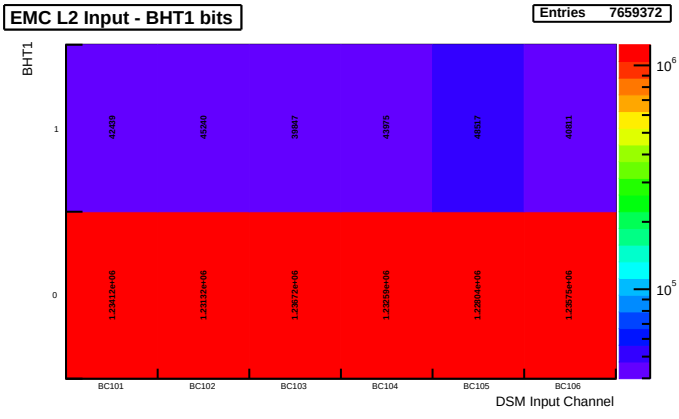

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

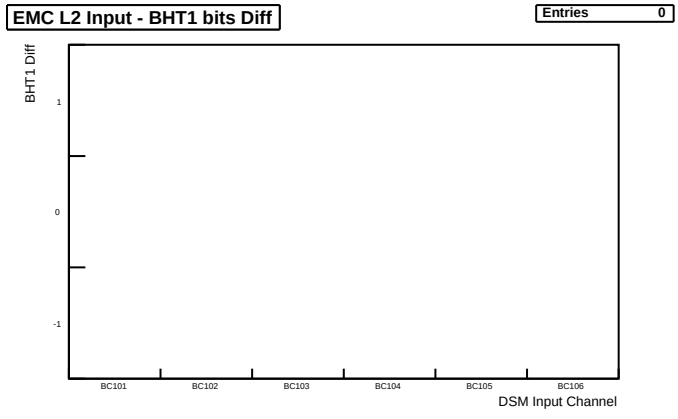

EMC L2 Input - Partial JP Sum
Entries 7659372
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

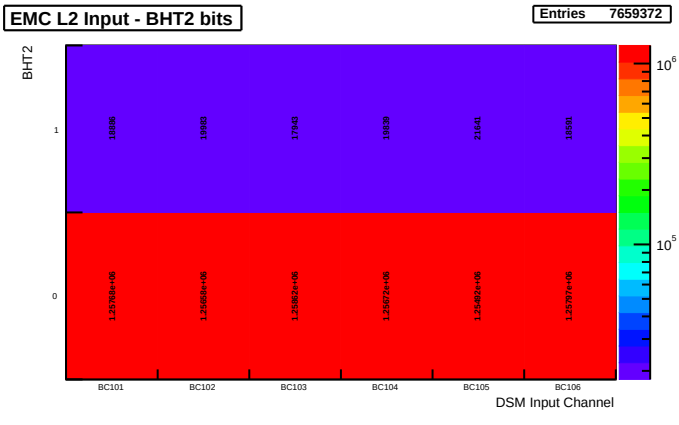

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

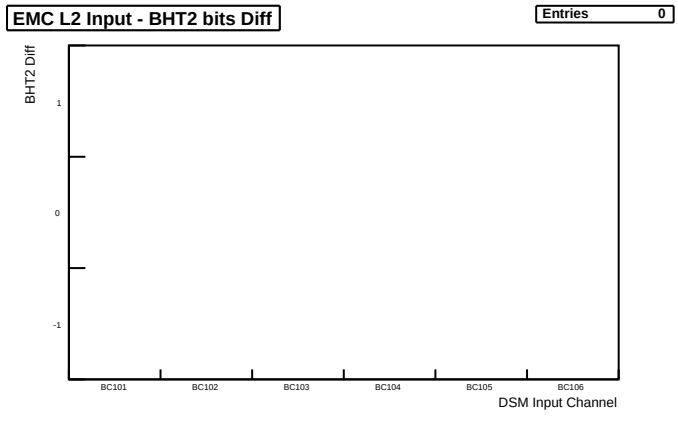

EMC L2 Input - BHT0 bits
Entries 7659372
BHT0
80756
84803
76417
83099
92288
78105
1.19581e+06
1.19176e+06
1.20014e+06
1.19346e+06
1.19367e+06
1.19046e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

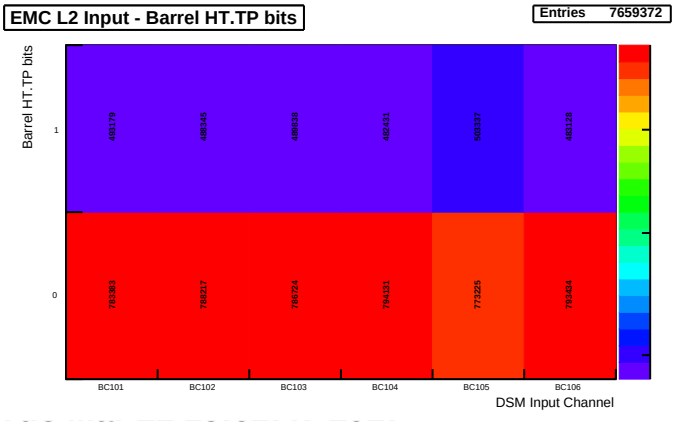

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

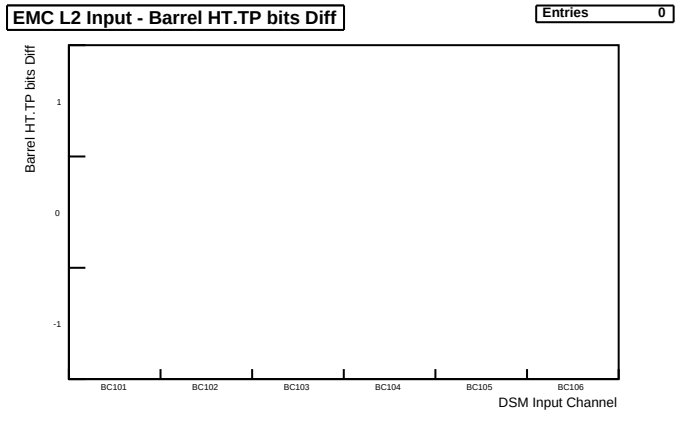

EMC L2 Input - BHT1 bits
Entries 7659372
BHT1
42459
45240
39847
43975
48517
40311
1.23412e+06
1.23132e+06
1.23672e+06
1.23259e+06
1.22904e+06
1.23375e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

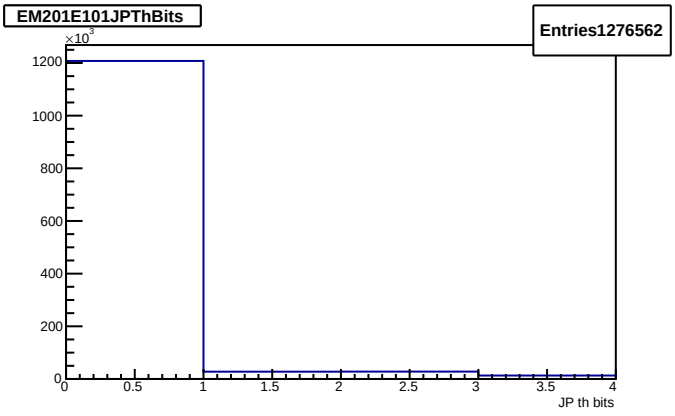

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

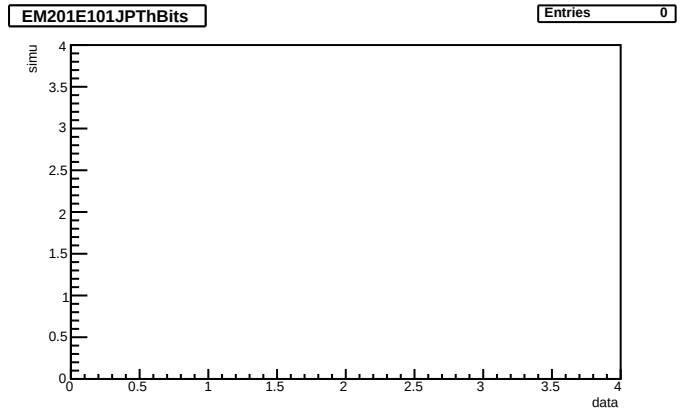

EMC L2 Input - BHT2 bits
Entries 7659372
BHT2
18386
19983
17943
19939
21641
18501
1.25768e+06
1.25658e+06
1.25862e+06
1.25672e+06
1.25452e+06
1.25707e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

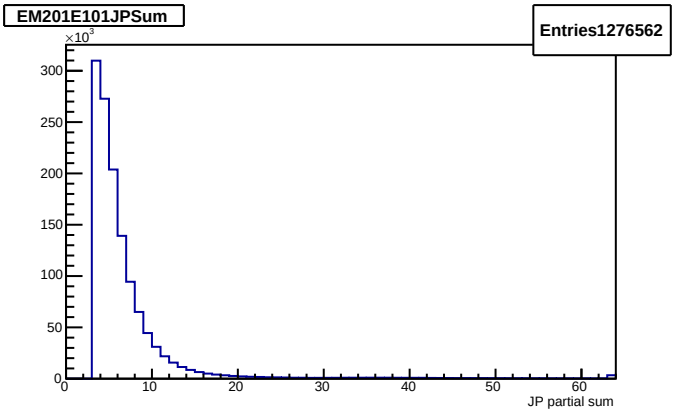

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

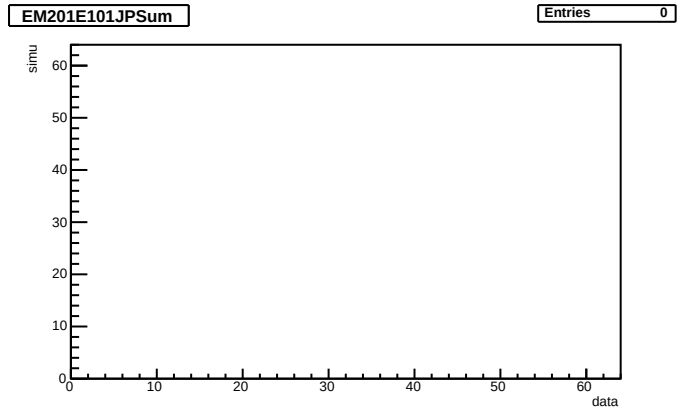

EMC L2 Input - Barrel HT.TP bits
Entries 7659372
Barrel HT.TP bits
493179
498345
498838
492431
503357
493128
783383
788217
786724
784131
773225
783484
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

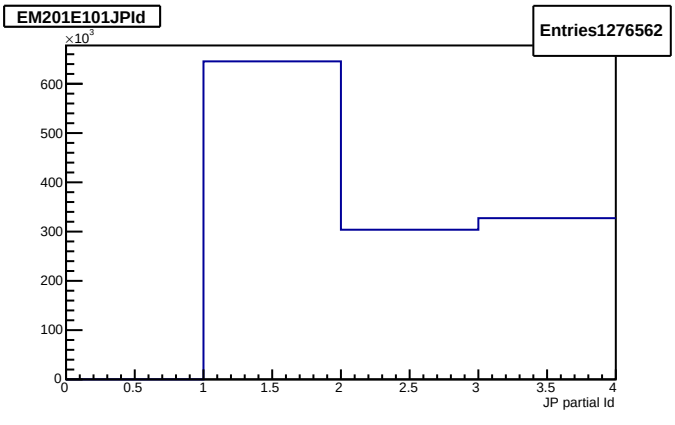

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

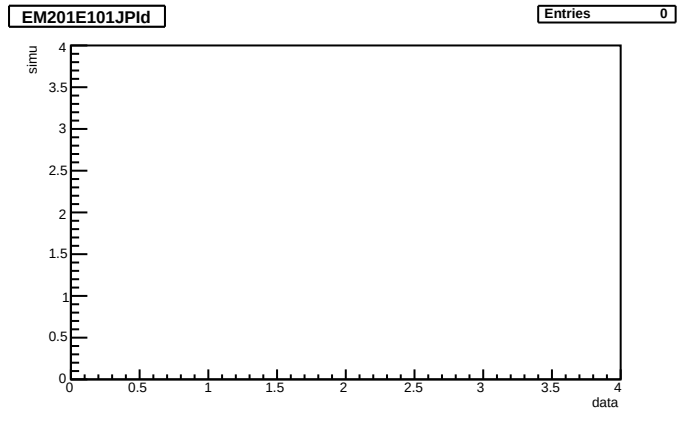

EM201E101JPThBits
Entries1276562
×10^3
JP th bits

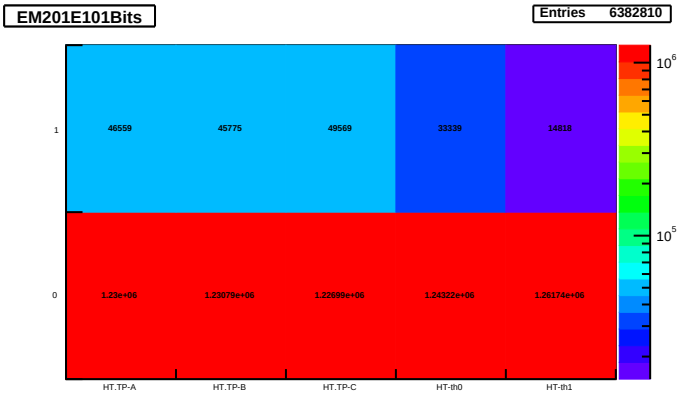

EM201E101JPThBits
Entries 0
simu
data

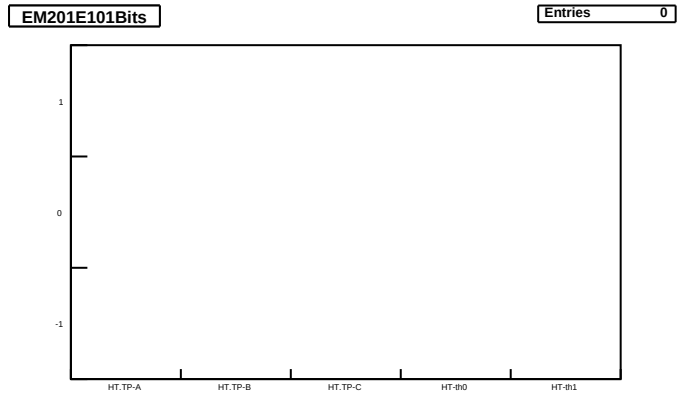

EM201E101JPSum
Entries1276562
×10^3
JP partial sum

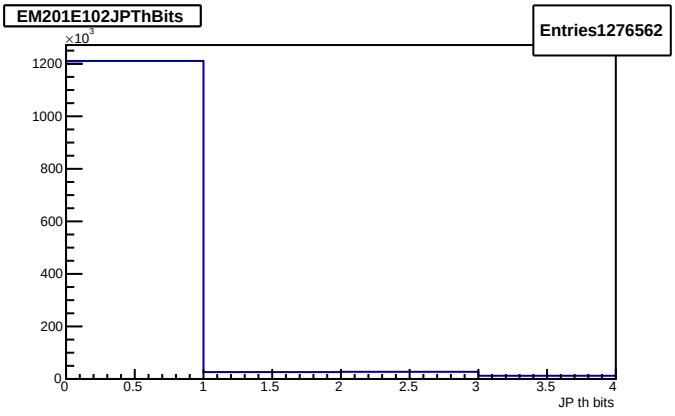

EM201E101JPSum
Entries 0
simu
data

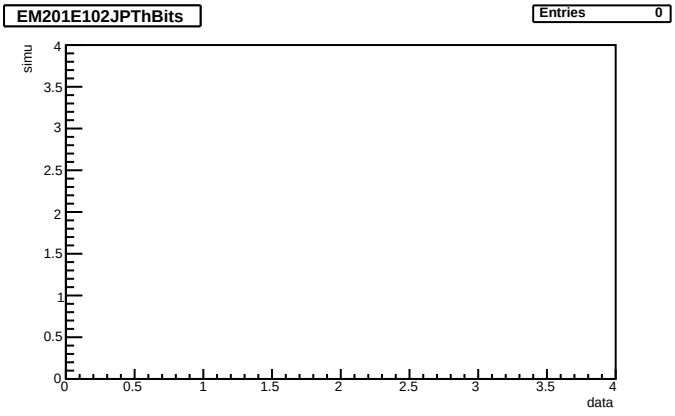

EM201E101JPId
Entries1276562
×10^3
JP partial Id

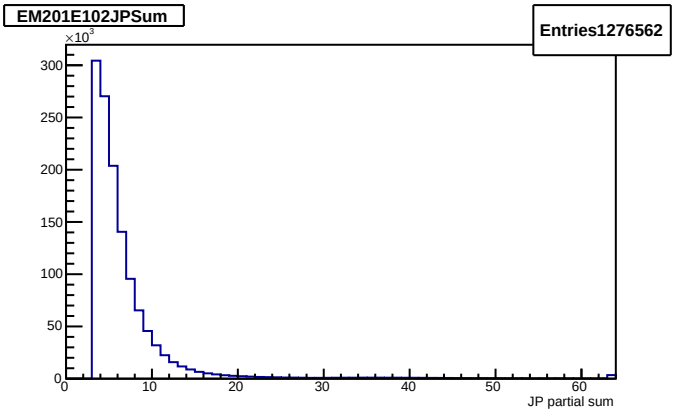

EM201E101JPId
Entries 0
simu
data

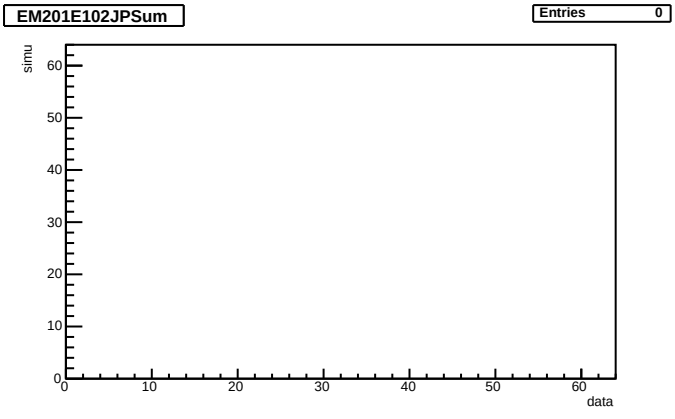

EM201E101Bits
Entries 6382810
46559
45775
49569
33339
14818
1.23e+06
1.23079e+06
1.22699e+06
1.24322e+06
1.26174e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

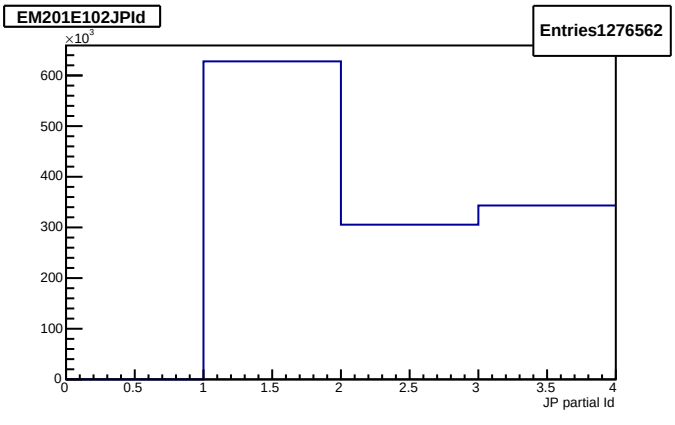

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

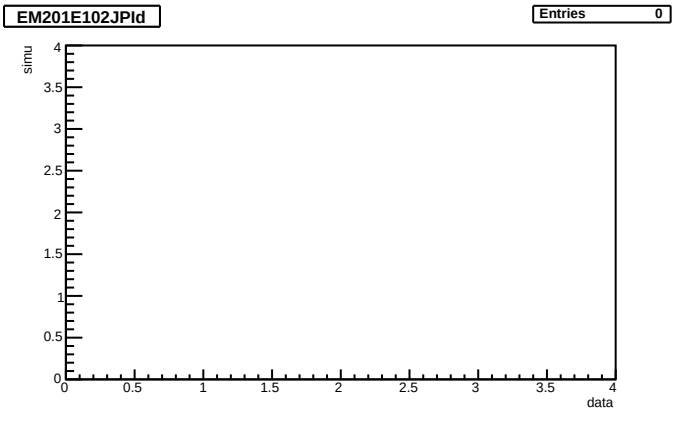

EM201E102JPThBits
Entries1276562
×10^3
JP th bits

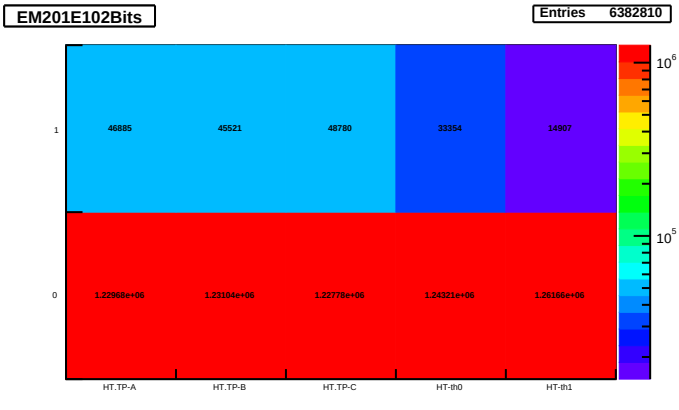

EM201E102JPThBits
Entries 0
simu
data

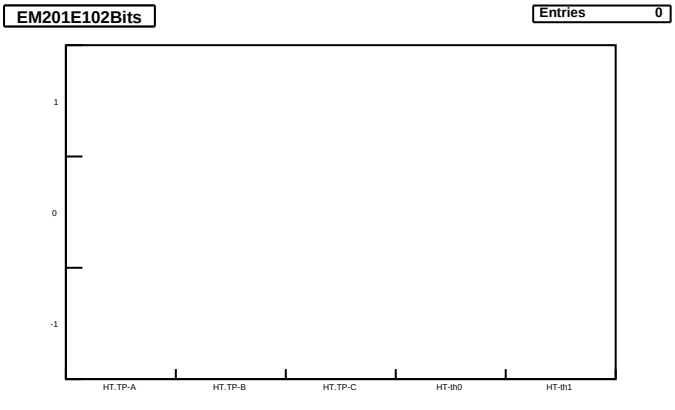

EM201E102JPSum
Entries1276562
×10^3
JP partial sum

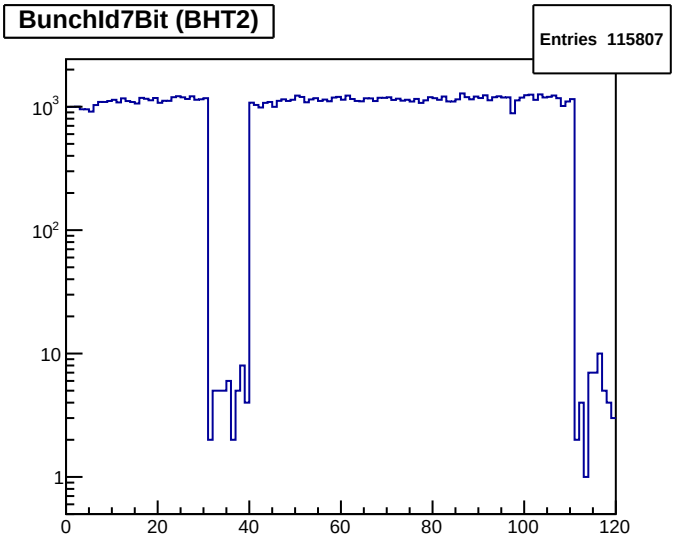

EM201E102JPSum
Entries 0
simu
data

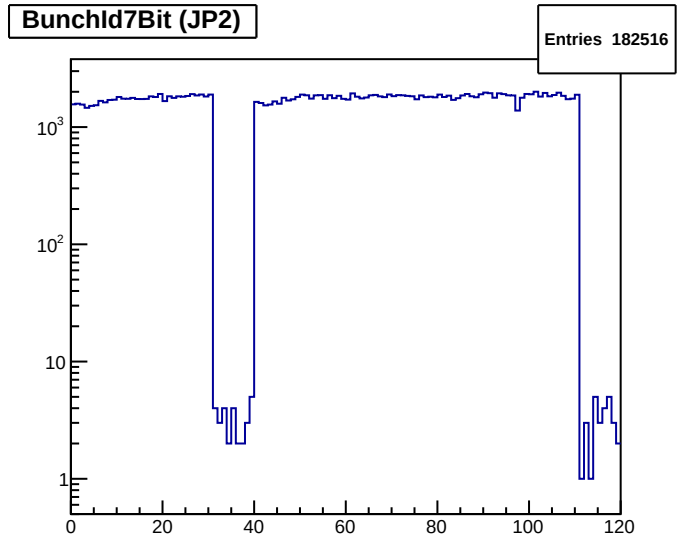

EM201E102JPId
Entries1276562
×10^3
JP partial Id

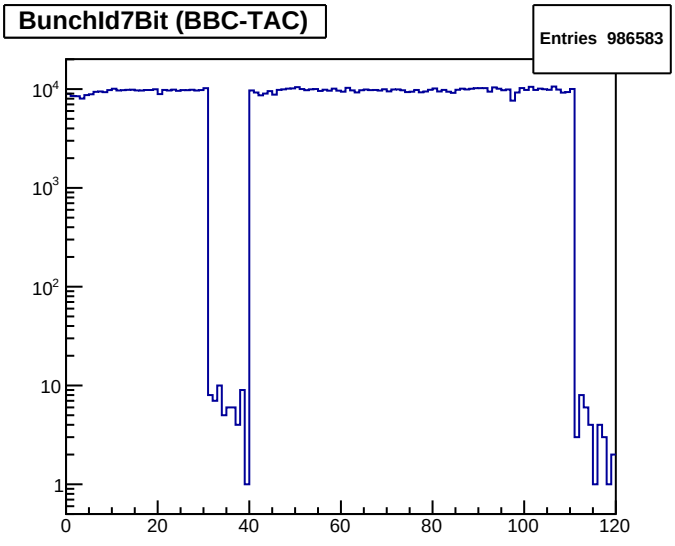

EM201E102JPId
Entries 0
simu
data

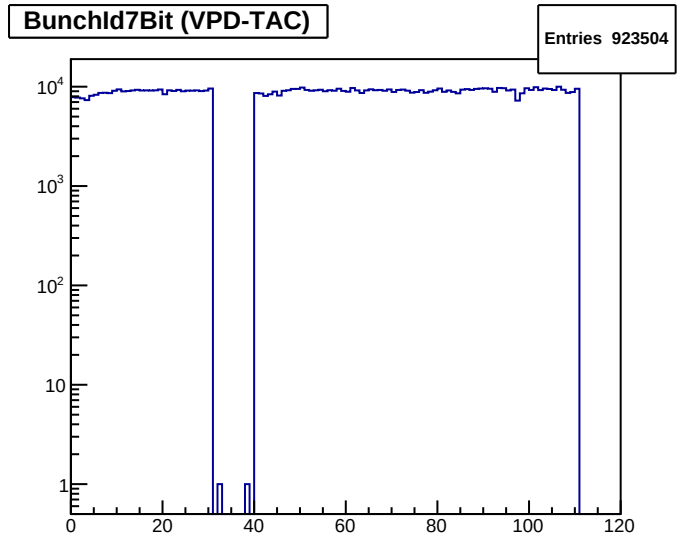

EM201E102Bits
Entries 6382810
46885
45521
48780
33354
14907
1.22968e+06
1.23104e+06
1.22778e+06
1.24321e+06
1.26166e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

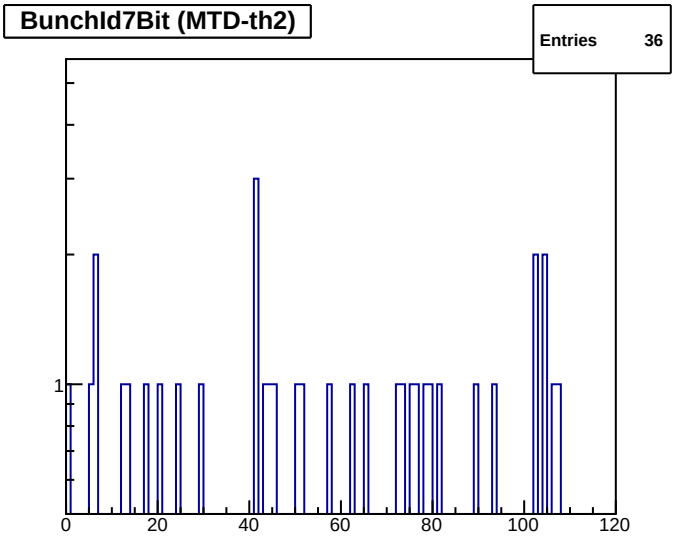

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

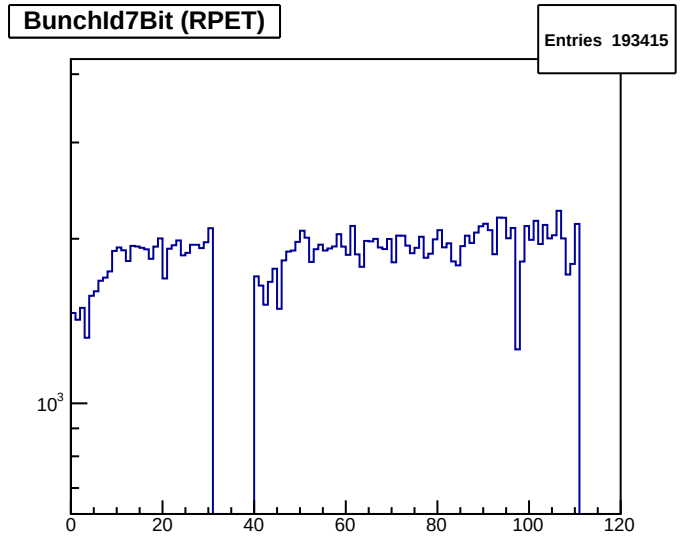

BunchId7Bit (BHT2)
Entries 115807

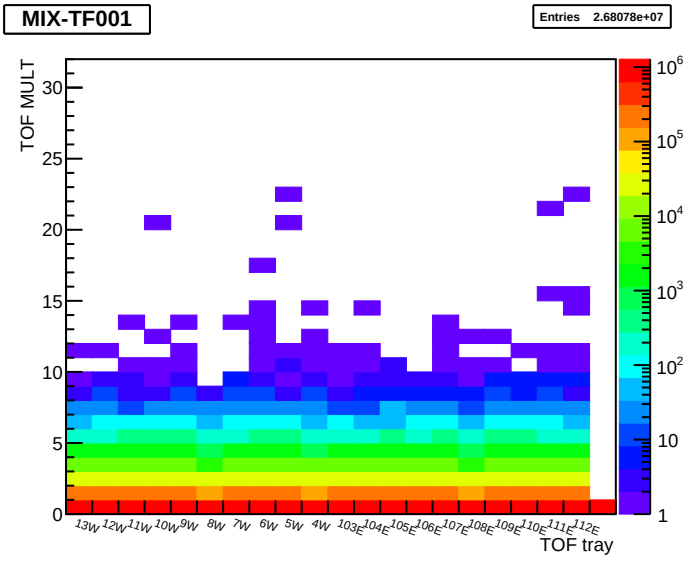

BunchId7Bit (JP2)
Entries 182516

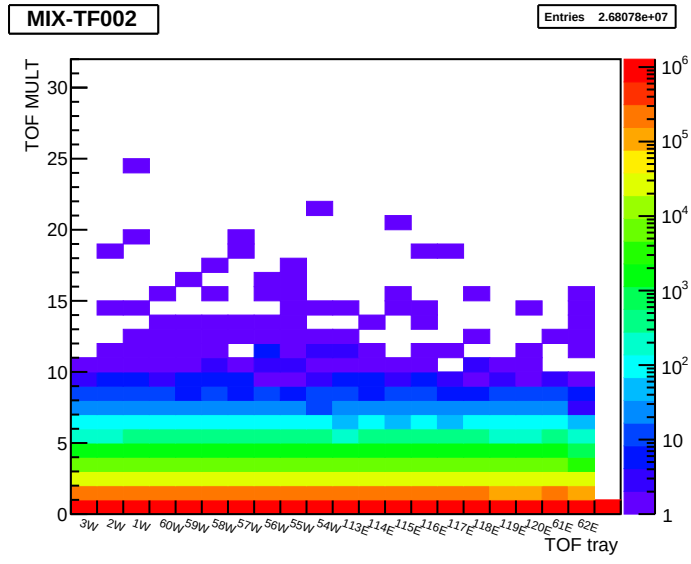

BunchId7Bit (BBC-TAC)
Entries 986583

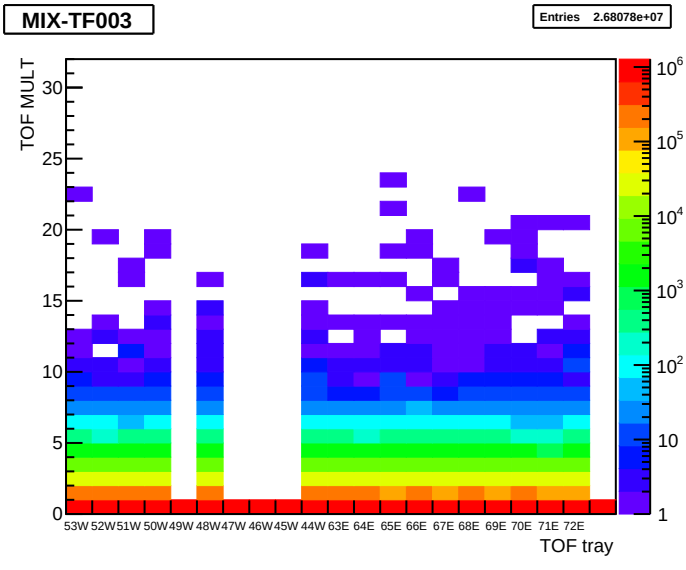

BunchId7Bit (VPD-TAC)
Entries 923504

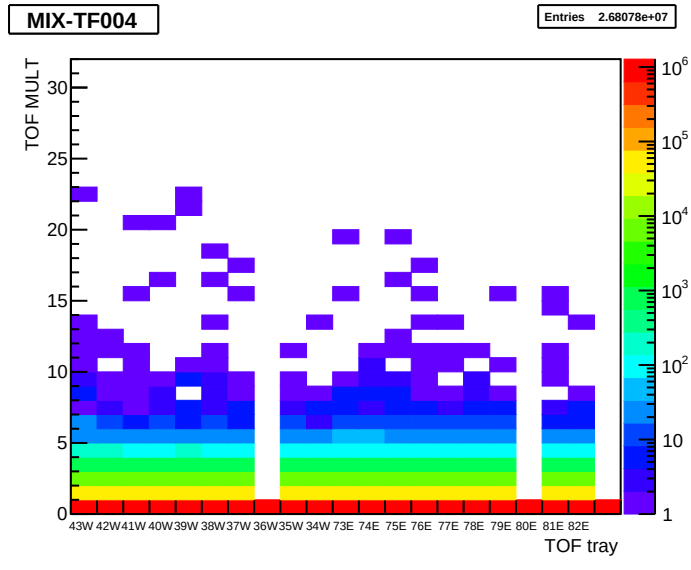

BunchId7Bit (MTD-th2)
Entries 36

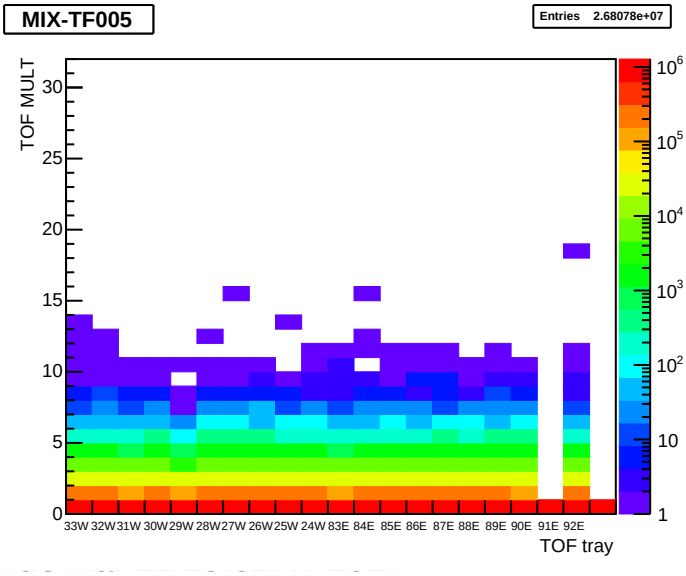

BunchId7Bit (RPET)
Entries 193415

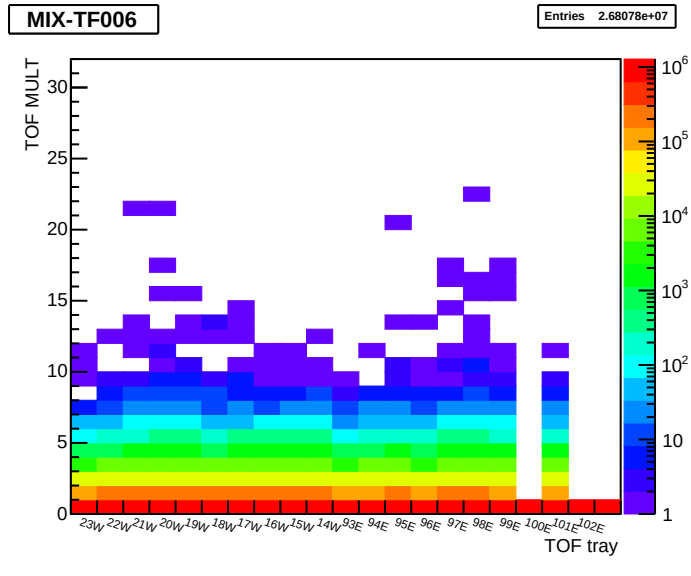

MIX-TF001
Entries 2.68078e+07
TOF MULT
TOF tray

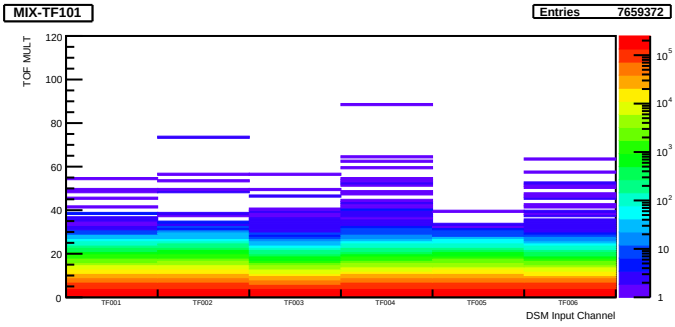

MIX-TF002
Entries 2.68078e+07
TOF MULT
TOF tray

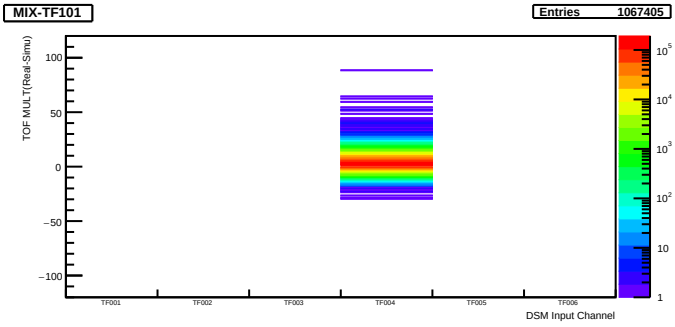

MIX-TF003
Entries 2.68078e+07
TOF MULT
TOF tray

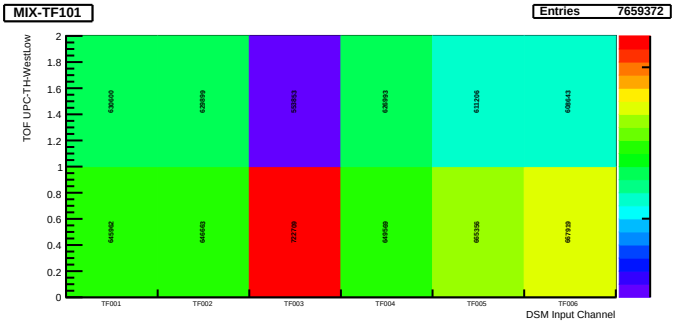

MIX-TF004
Entries 2.68078e+07
TOF MULT
TOF tray

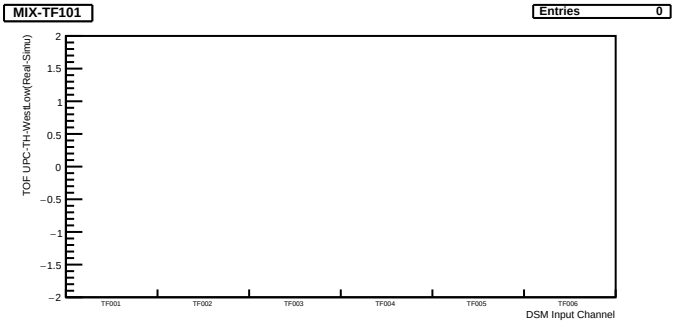

MIX-TF005
Entries 2.68078e+07
TOF MULT
TOF tray

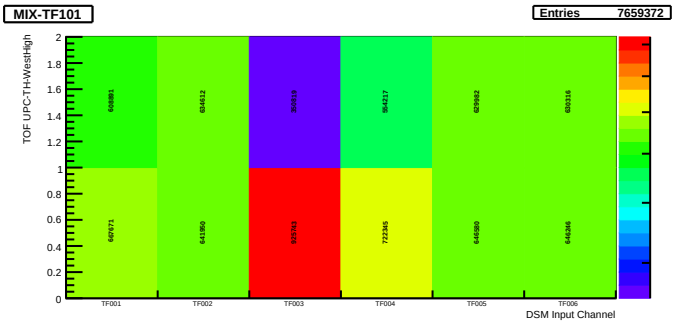

MIX-TF006
Entries 2.68078e+07
TOF MULT
TOF tray

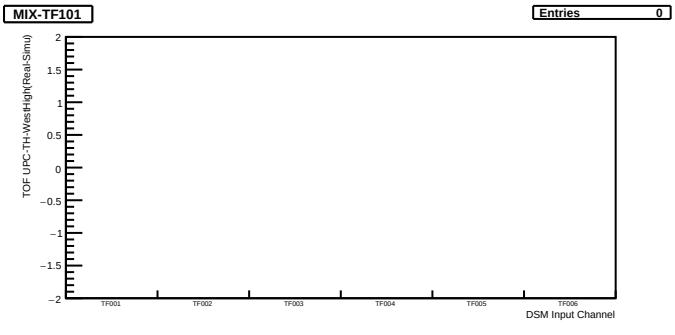

MIX-TF101
Entries 7659372
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

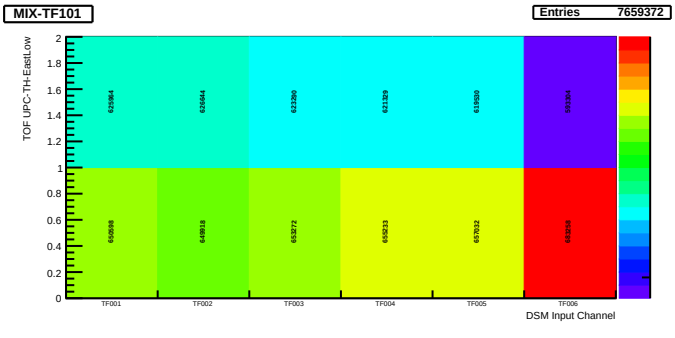

MIX-TF101
Entries 1067405
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

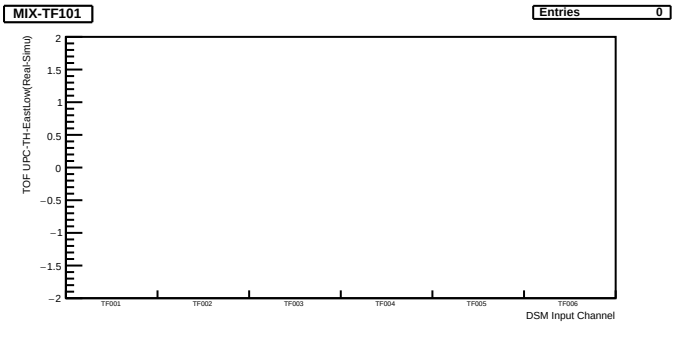

MIX-TF101
Entries 7659372
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

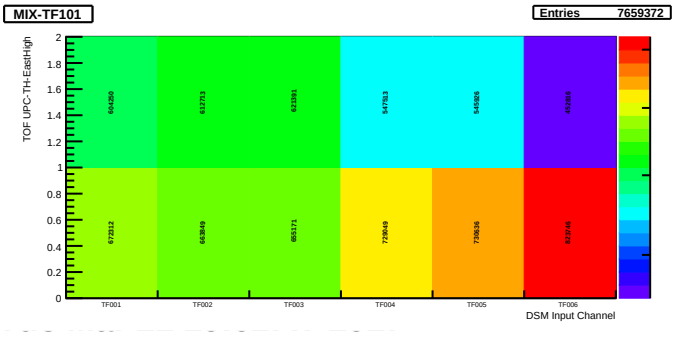

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

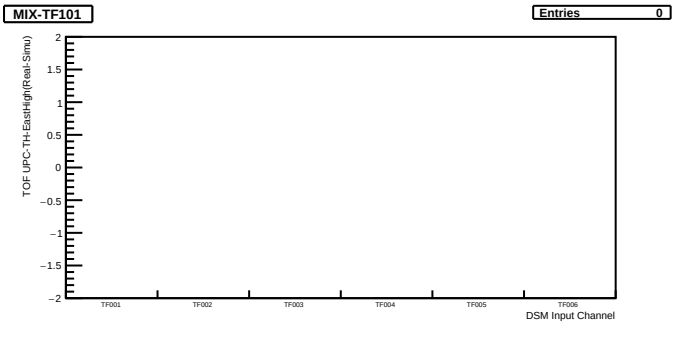

MIX-TF101
Entries 7659372
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

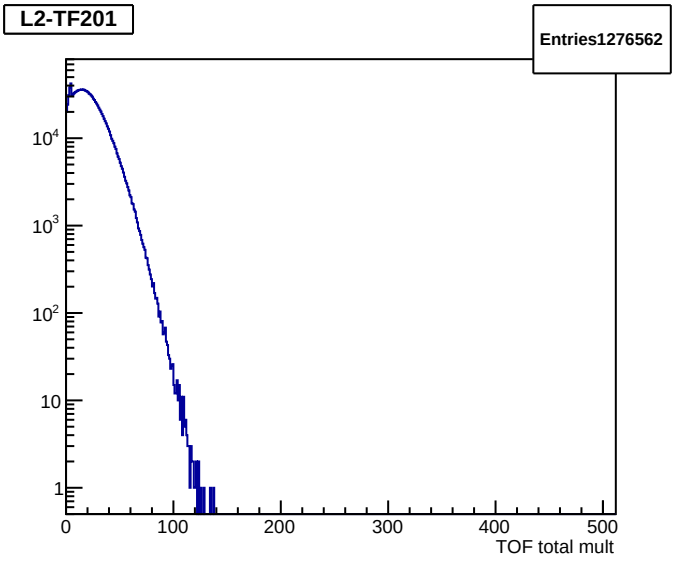

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

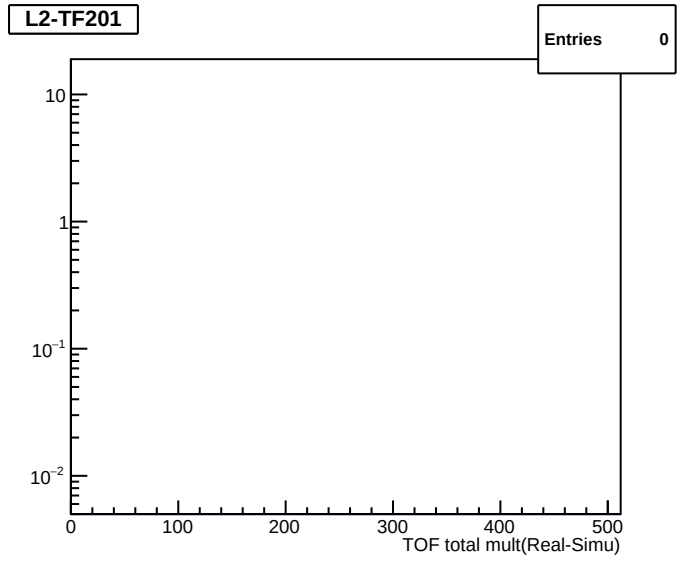

MIX-TF101
Entries 7659372
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

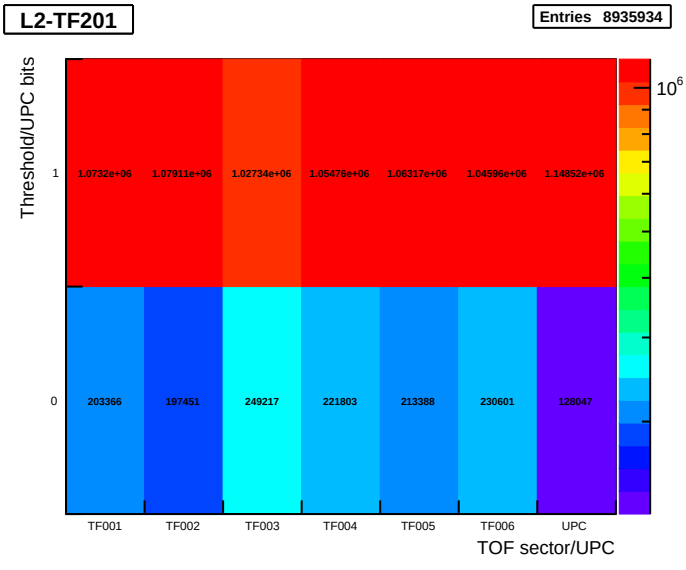

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

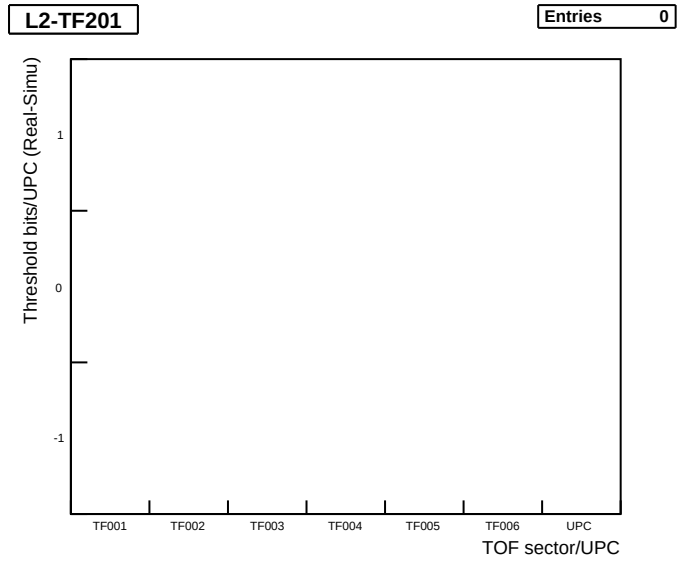

MIX-TF101
Entries 7659372
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

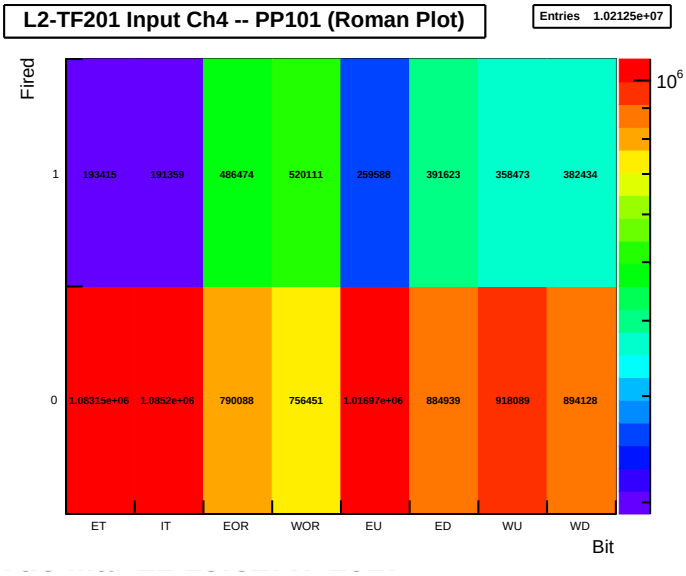

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

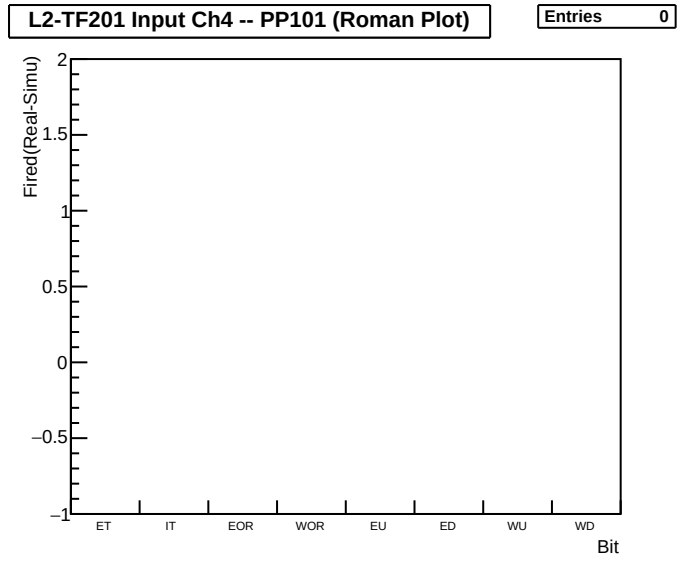

L2-TF201
Entries1276562
TOF total mult

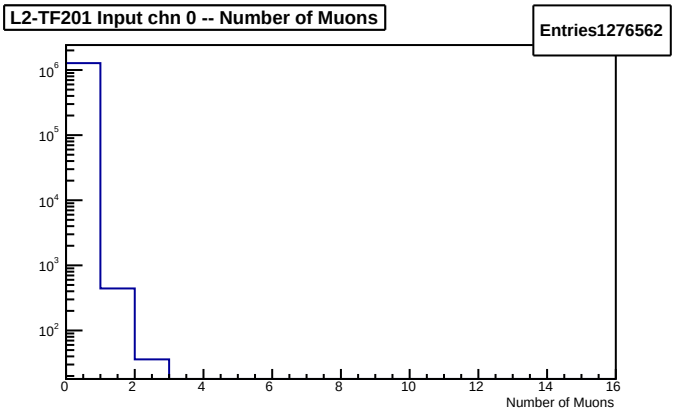

L2-TF201
Entries 0
TOF total mult(Real-Simu)

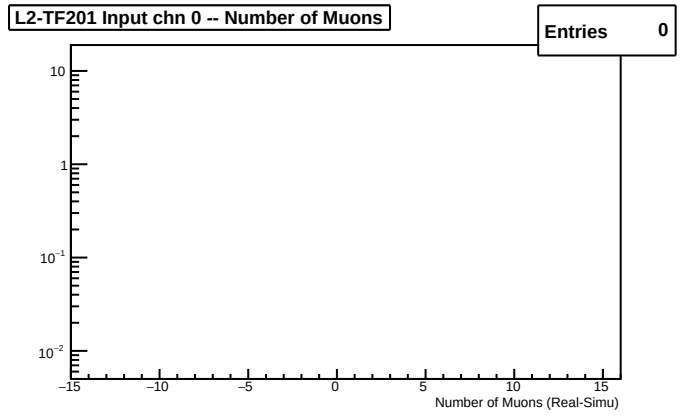

L2-TF201
Entries 8935934
Threshold/UPC bits
1.0732e+06
1.07911e+06
1.02734e+06
1.05476e+06
1.06317e+06
1.04596e+06
1.14852e+06
203366
197451
249217
221803
213388
230601
128047
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

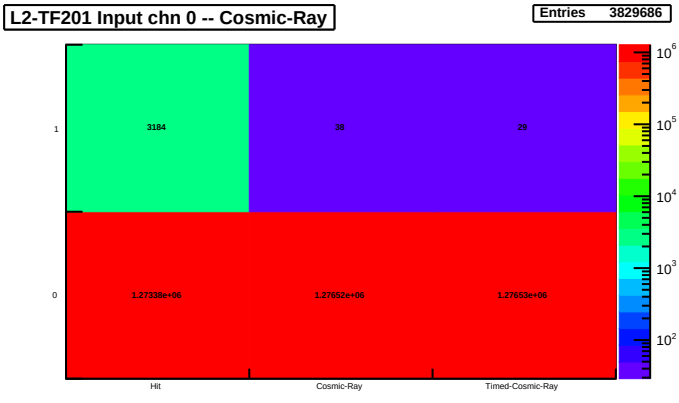

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

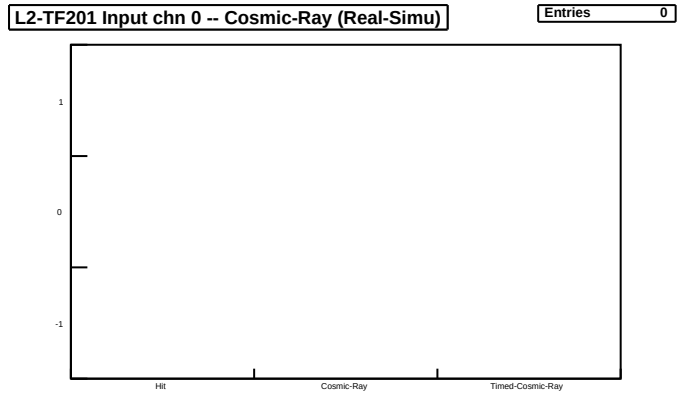

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.02125e+07
Fired
193415
191359
486474
520111
259588
391623
358473
382434
1.08315e+06
1.0852e+06
790088
756451
1.01697e+06
884939
918089
894128
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

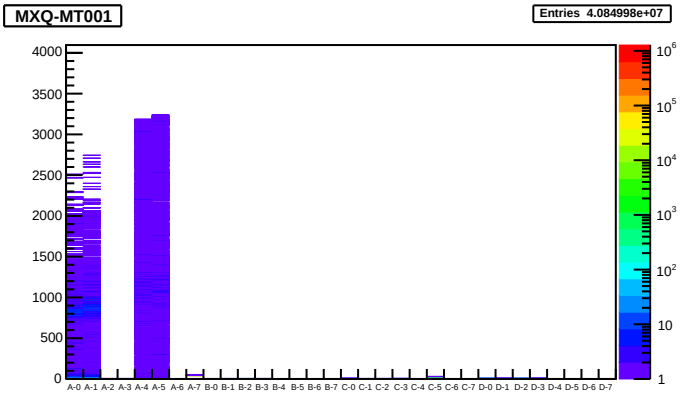

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

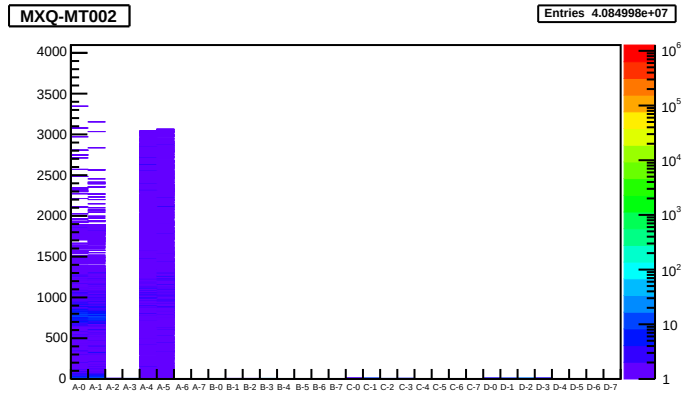

L2-TF201 Input chn 0 -- Number of Muons
Entries1276562
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 3829686
3184
38
29
1.27338e+06
1.27652e+06
1.27653e+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 4.084998e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 4.084998e+07
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2500
2000
1500
1000
500
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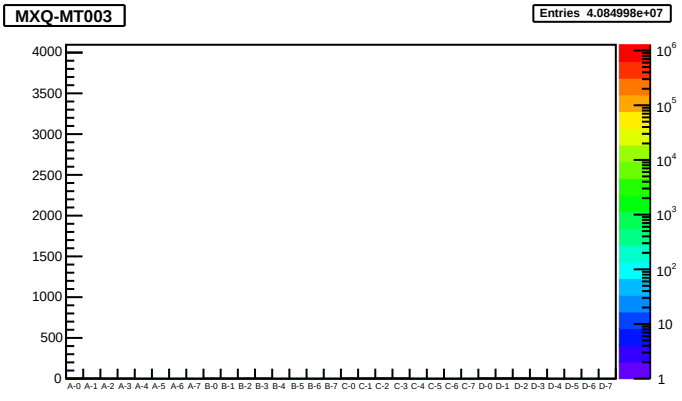
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 4.084998e+07
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2500
2000
1500
1000
500
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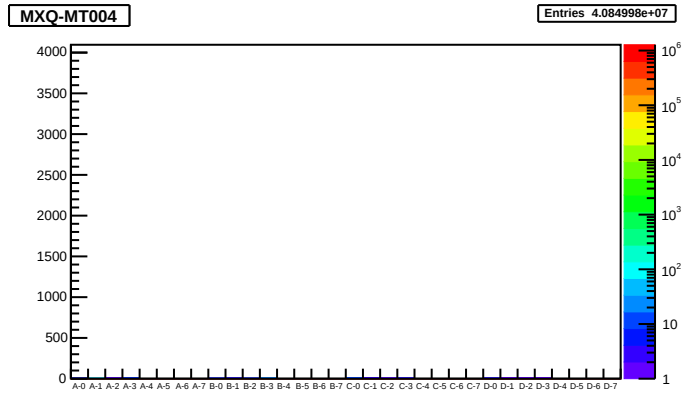
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 4.084998e+07
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3000
2500
2000
1500
1000
500
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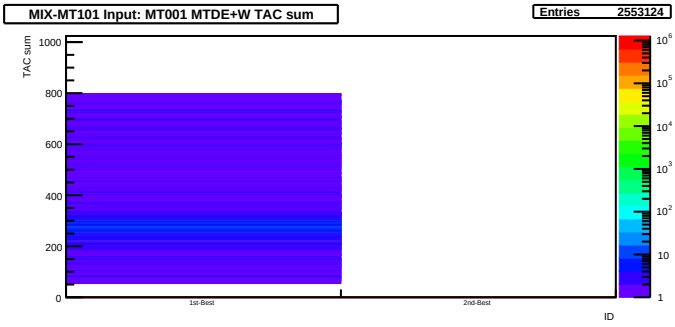
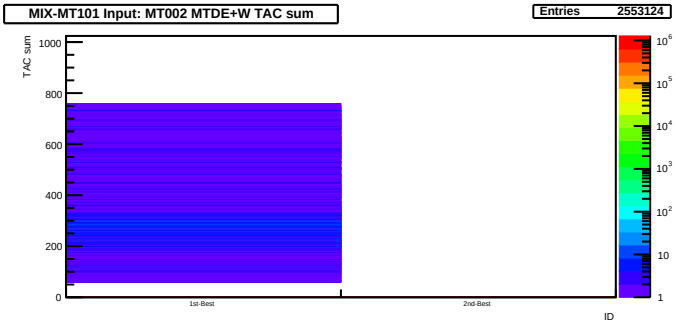
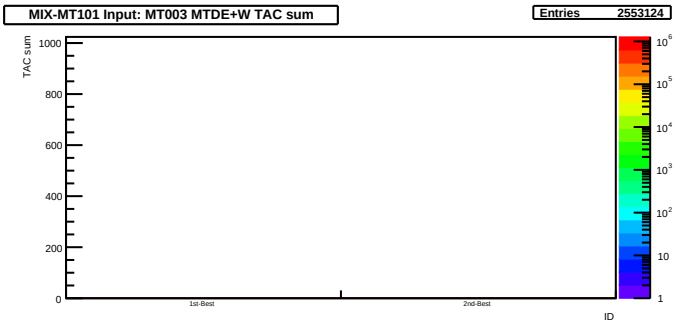
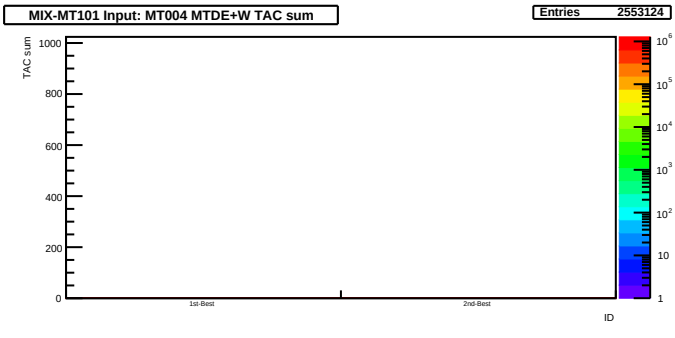
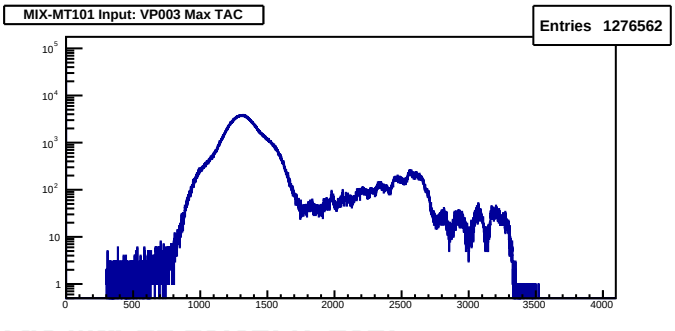
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

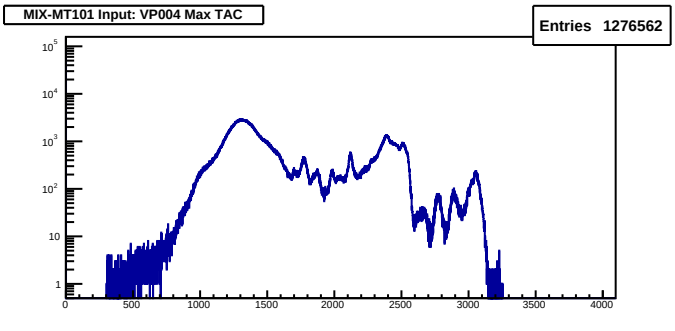

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2553124
TAC sum
1st-Best
2nd-Best
ID

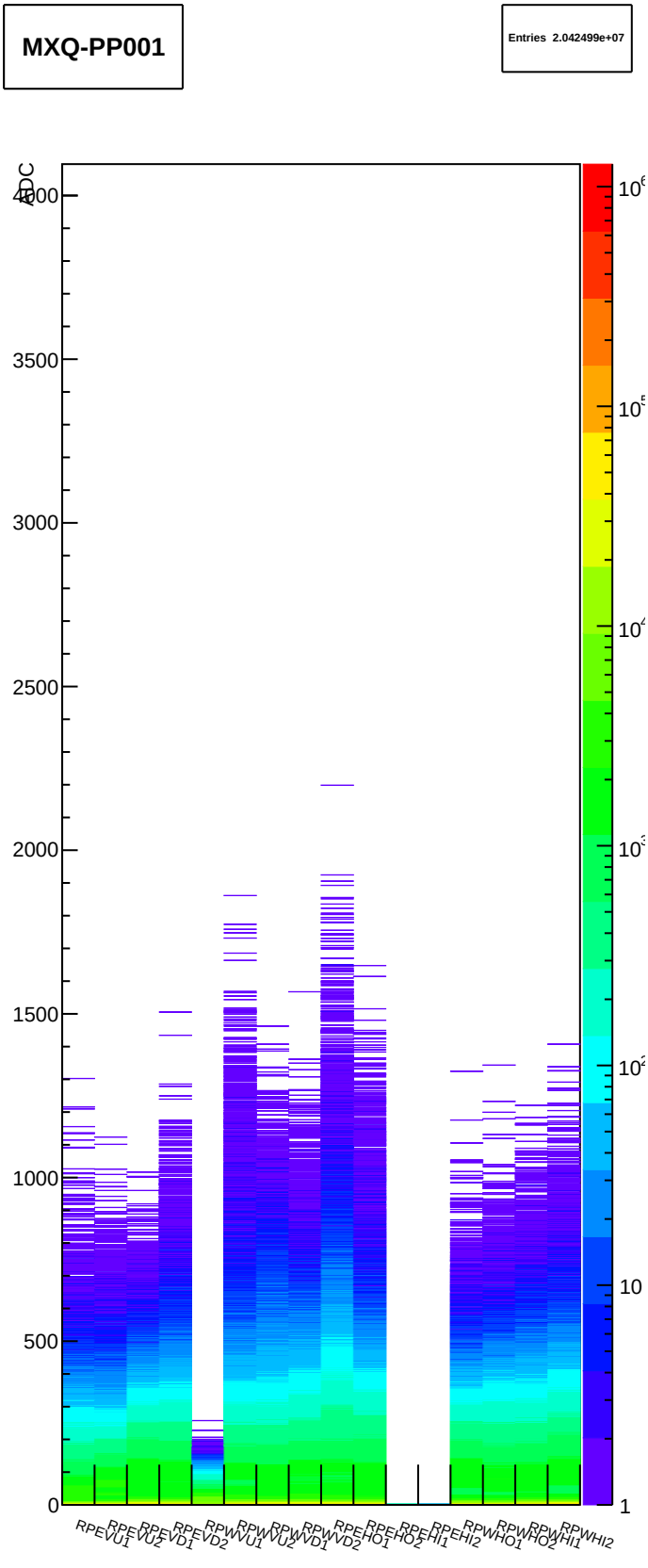

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2553124
TAC sum
1st-Best
2nd-Best
ID

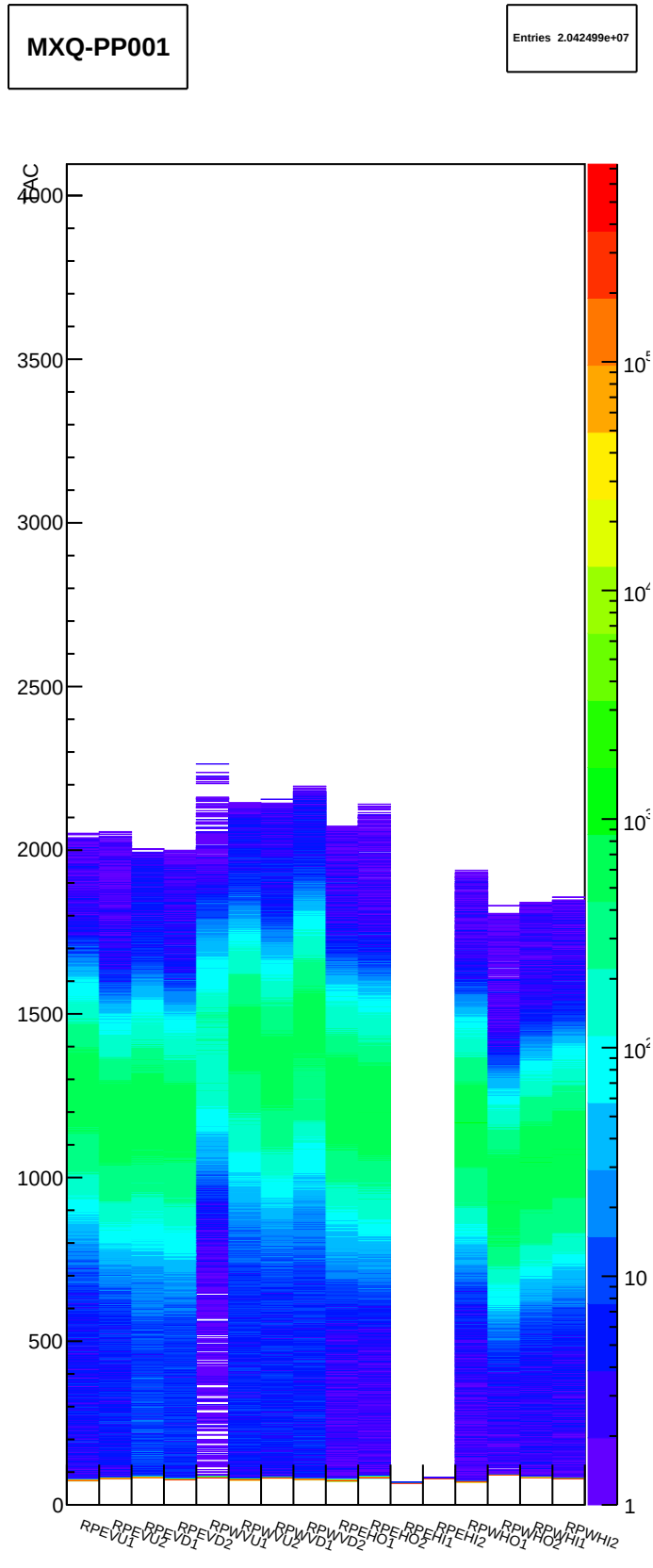

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2553124
TAC sum
1st-Best
2nd-Best
ID

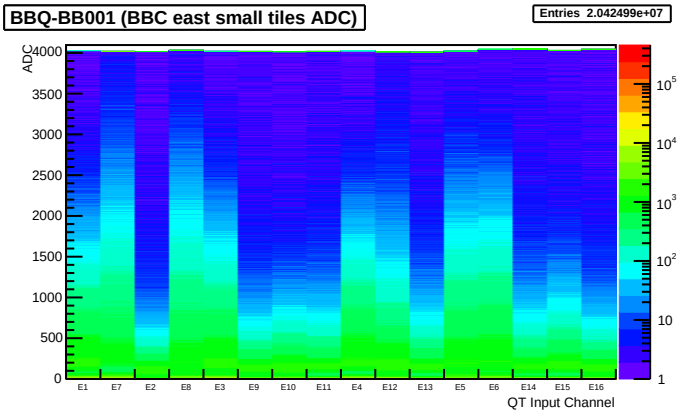

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2553124
TAC sum
1st-Best
2nd-Best
ID

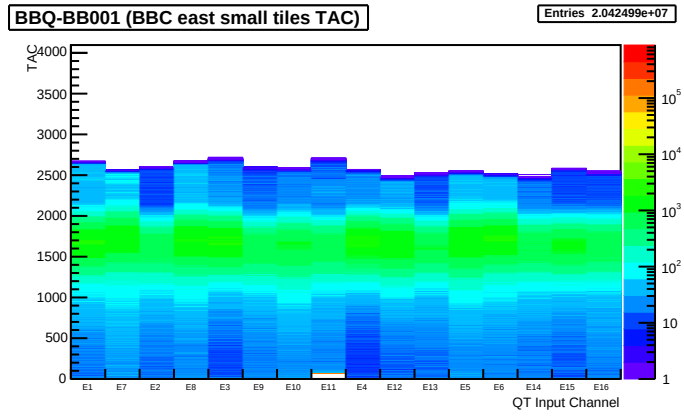

MIX-MT101 Input: VP003 Max TAC
Entries 1276562

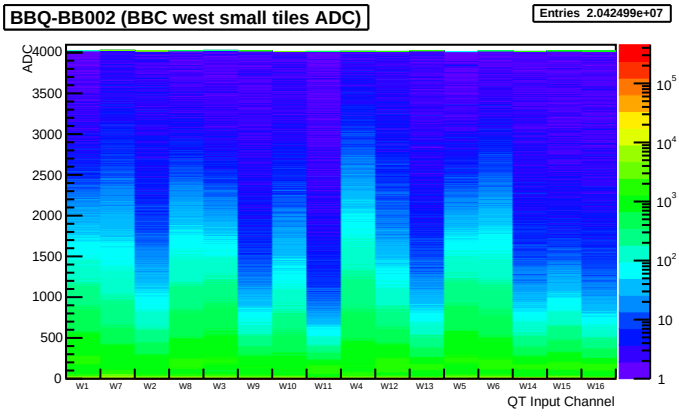

MIX-MT101 Input: VP004 Max TAC
Entries 1276562

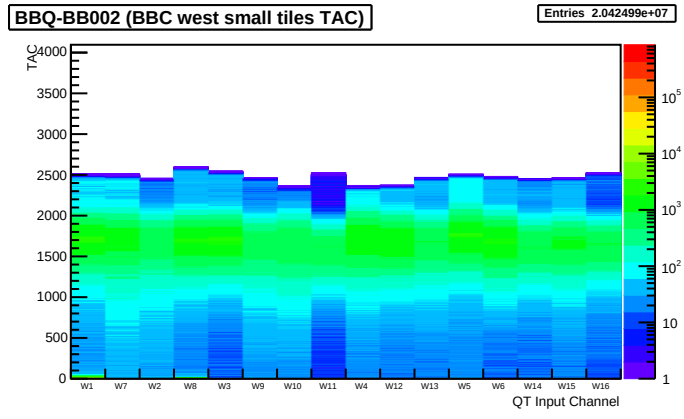

MXQ-PP001
Entries 2.042499e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

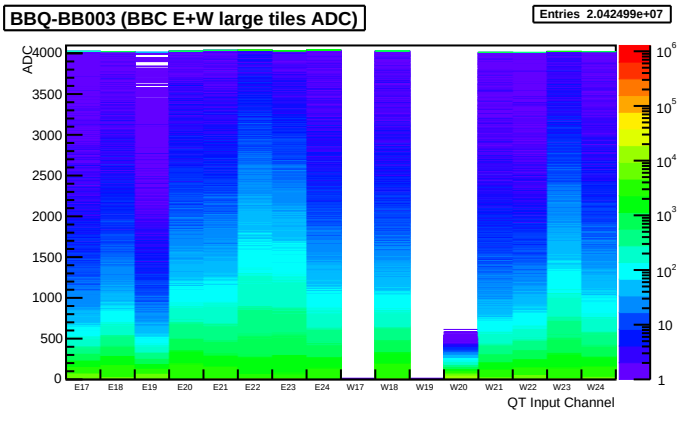

MXQ-PP001
Entries 2.042499e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

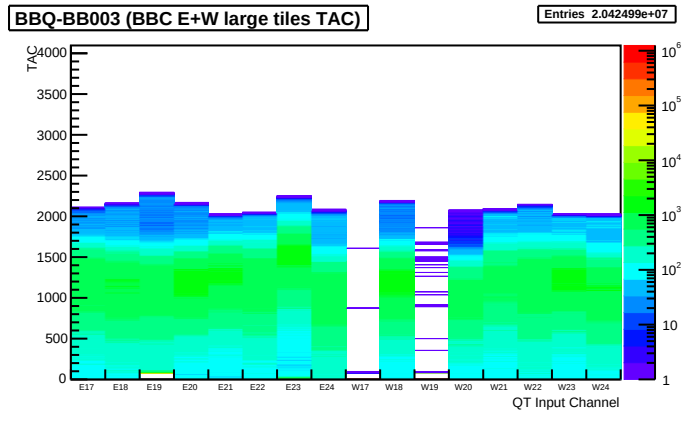

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.042499e+07
ADC
QT Input Channel

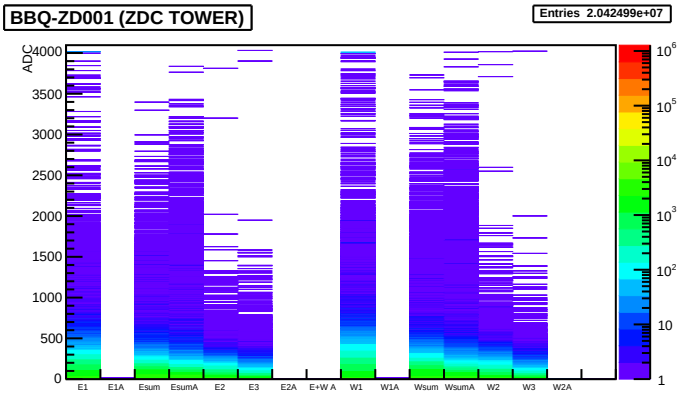

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.042499e+07
TAC
QT Input Channel

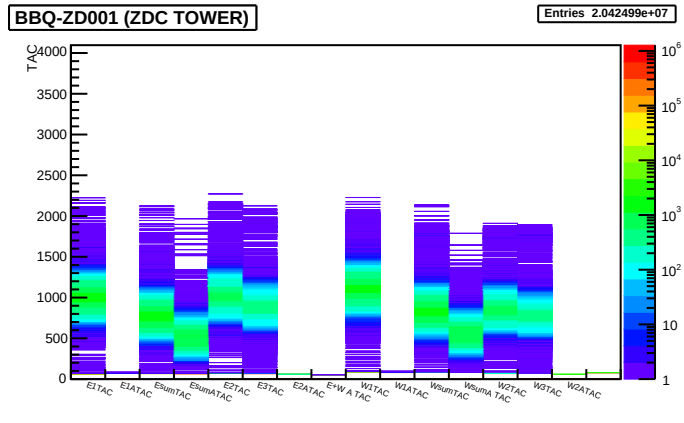

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.042499e+07
ADC
QT Input Channel

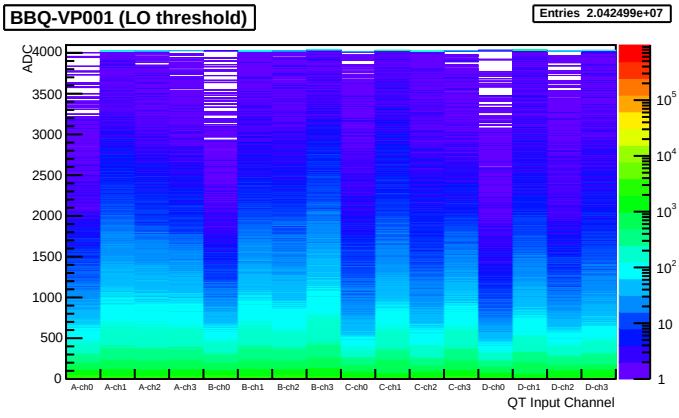

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.042499e+07
TAC
QT Input Channel

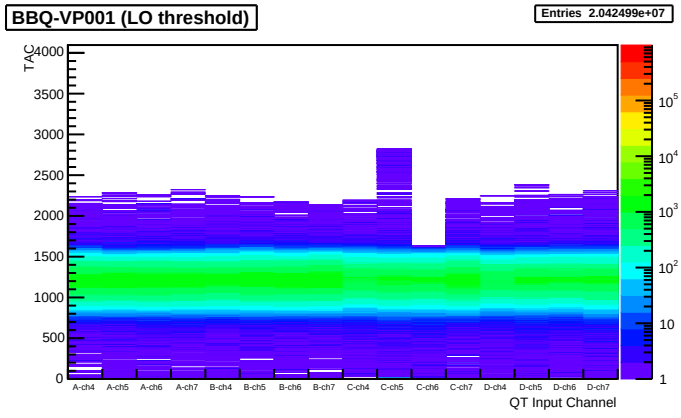

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.042499e+07
ADC
QT Input Channel

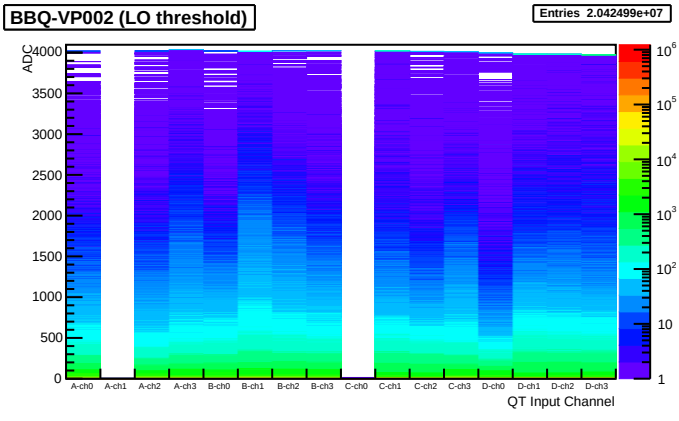

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.042499e+07
TAC
QT Input Channel

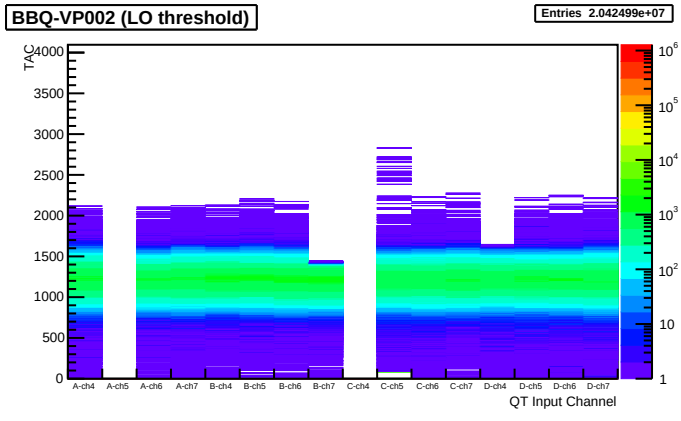

BBQ-ZD001 (ZDC TOWER)
Entries 2.042499e+07
ADC

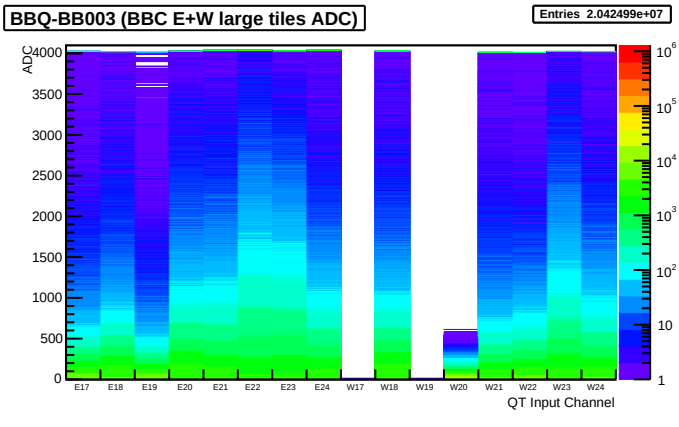

BBQ-ZD001 (ZDC TOWER)
Entries 2.042499e+07
TAC

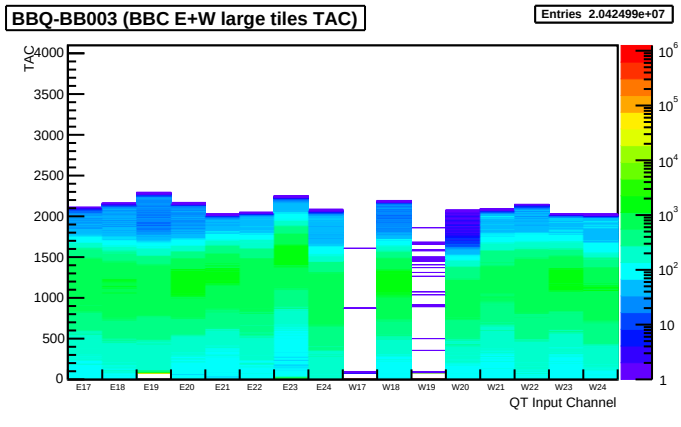

BBQ-VP001 (LO threshold)
Entries 2.042499e+07
ADC
QT Input Channel

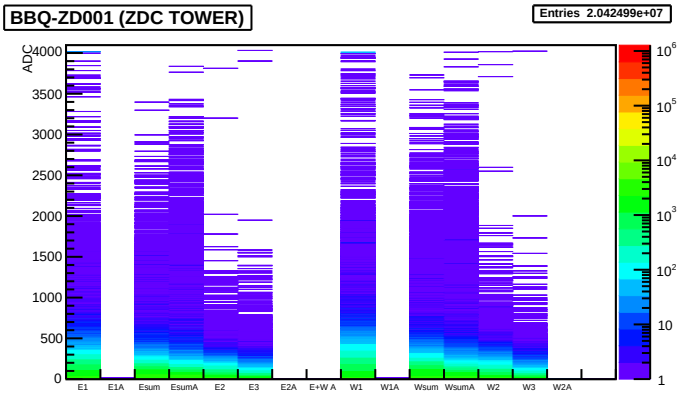

BBQ-VP001 (LO threshold)
Entries 2.042499e+07
TAC
QT Input Channel

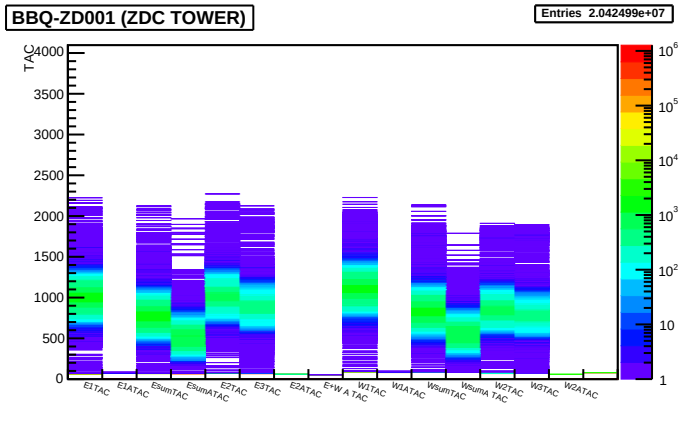

BBQ-VP002 (LO threshold)
Entries 2.042499e+07
ADC
QT Input Channel

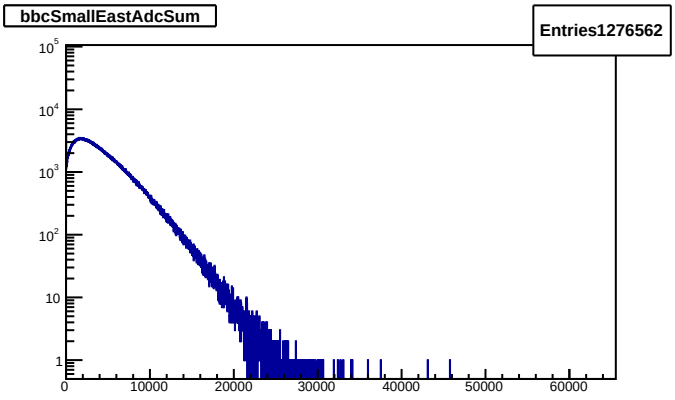

BBQ-VP002 (LO threshold)
Entries 2.042499e+07
TAC
QT Input Channel

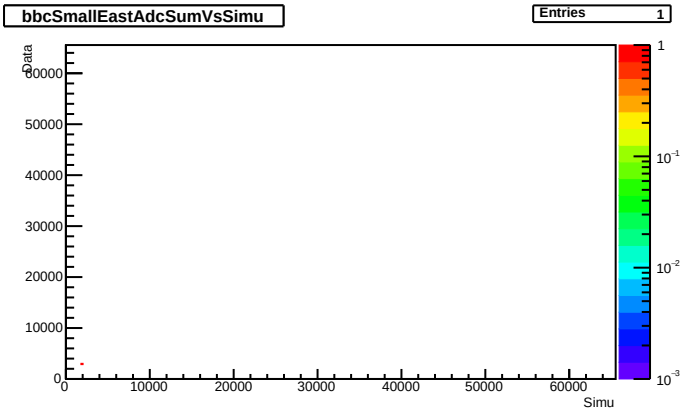

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.042499e+07
ADC
QT Input Channel

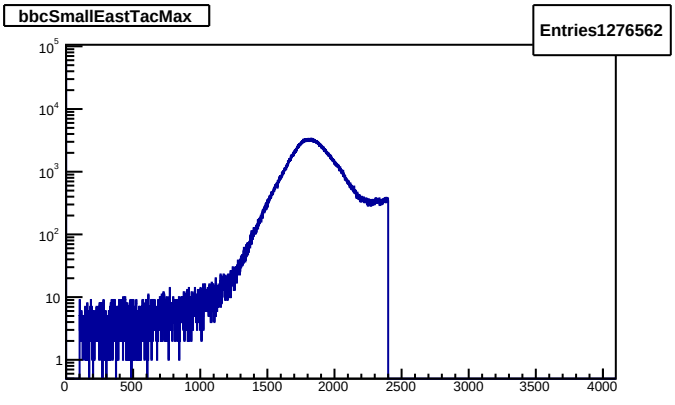

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.042499e+07
TAC
QT Input Channel

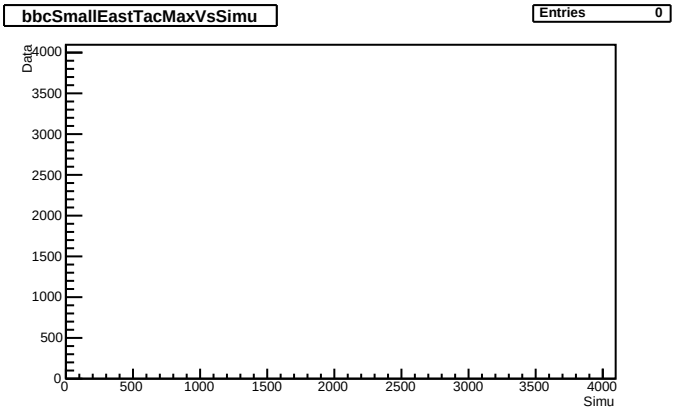

BBQ-ZD001 (ZDC TOWER)
Entries 2.042499e+07
ADC

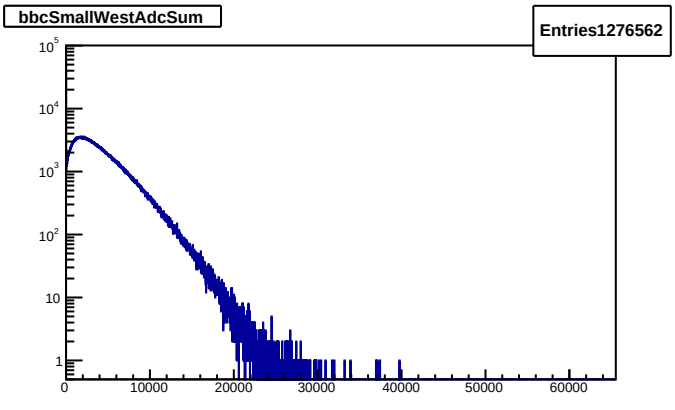

BBQ-ZD001 (ZDC TOWER)
Entries 2.042499e+07
TAC

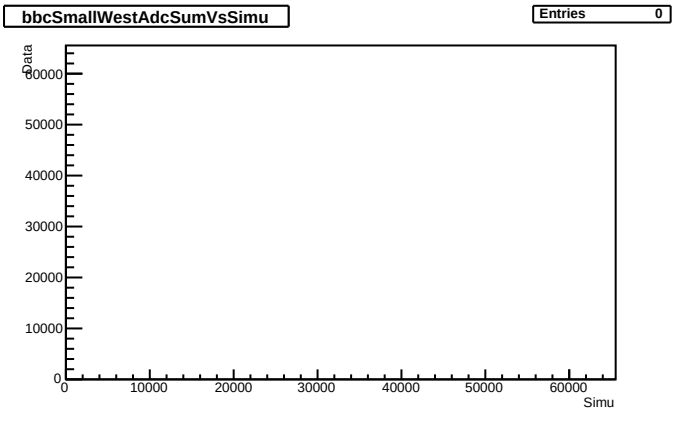

bbcSmallEastAdcSum
Entries1276562

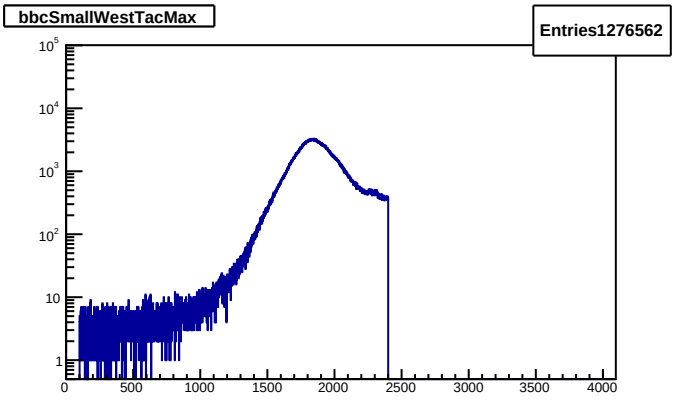

bbcSmallEastAdcSumVsSimu
Entries 1
Data
Simu

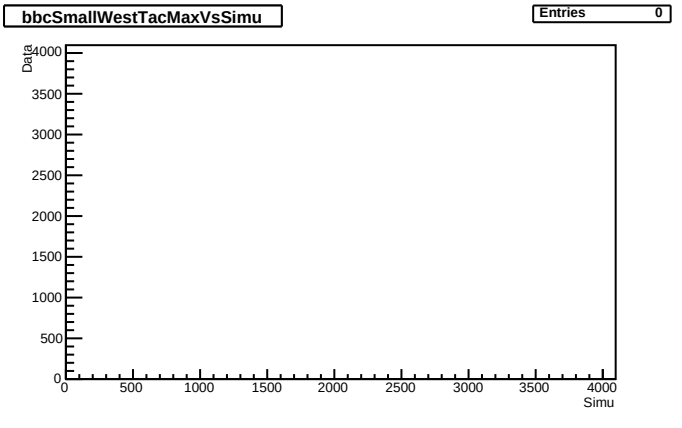

bbcSmallEastTacMax
Entries1276562

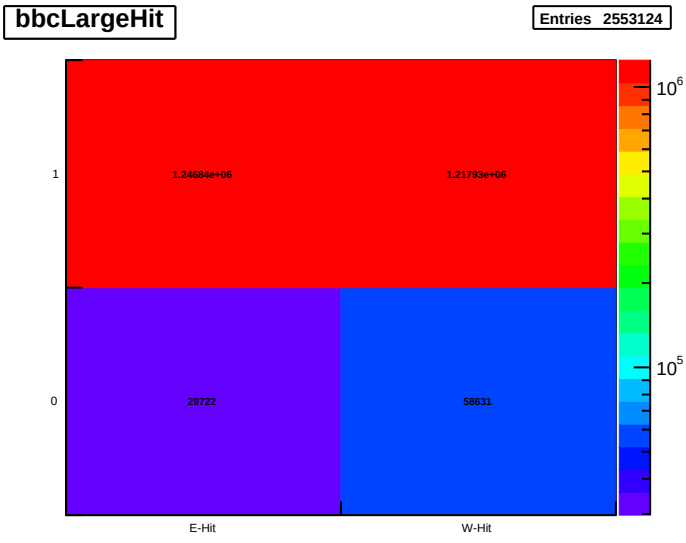

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

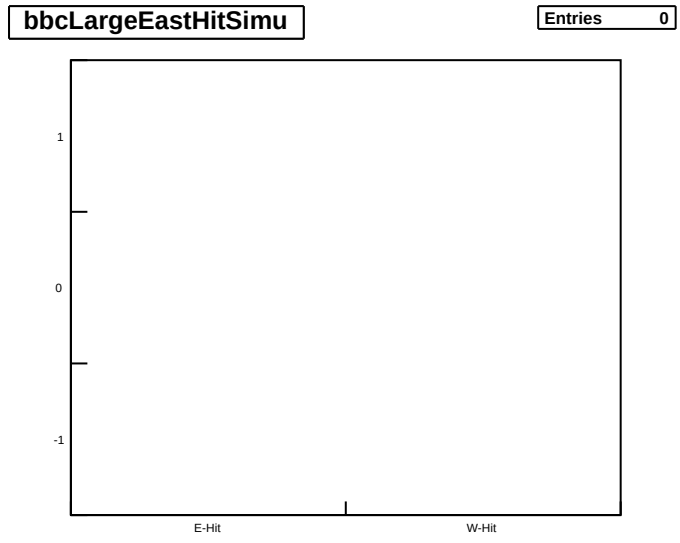

bbcSmallWestAdcSum
Entries1276562

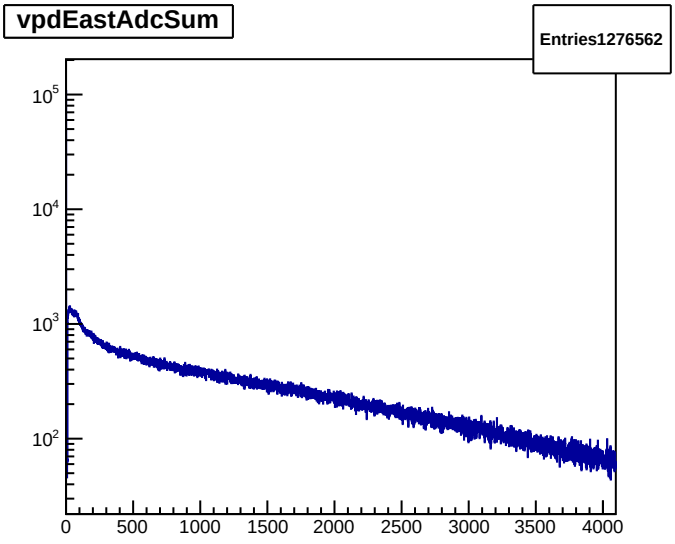

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

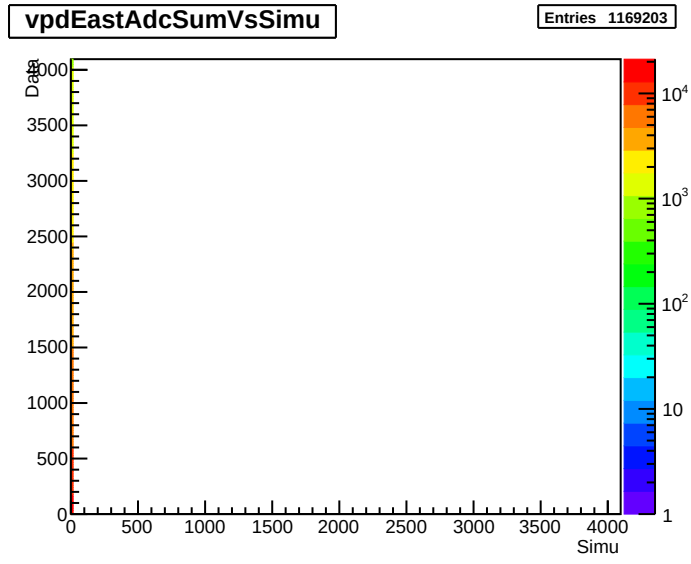

bbcSmallWestTacMax
Entries1276562

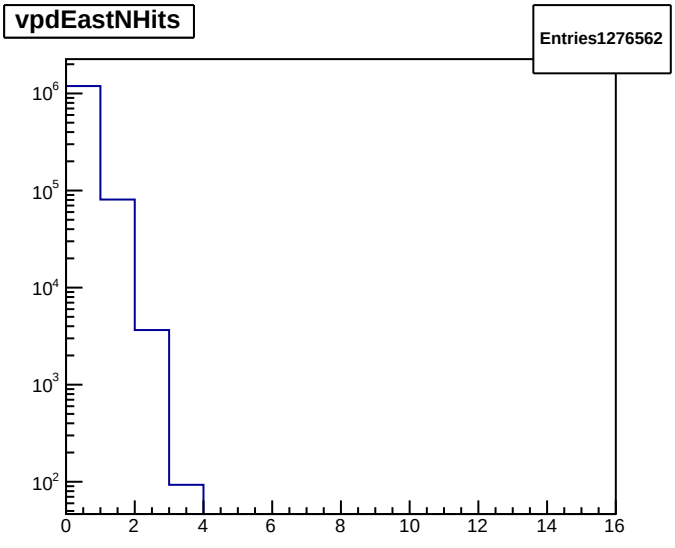

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

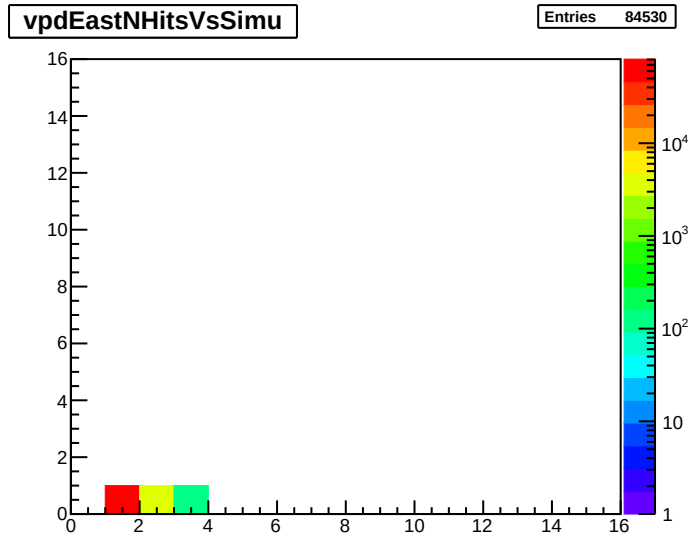

bbcLargeHit
Entries 2553124
1.24684e+06
1.21793e+06
29722
58631
1
0
E-Hit
W-Hit
10^6
10^5

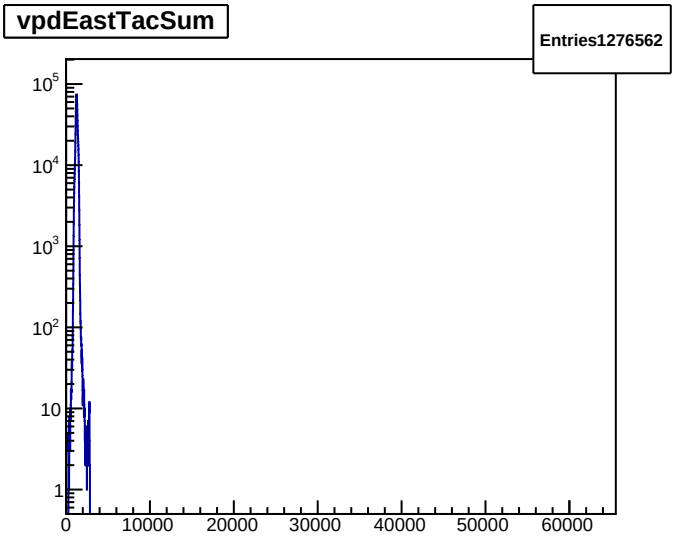

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

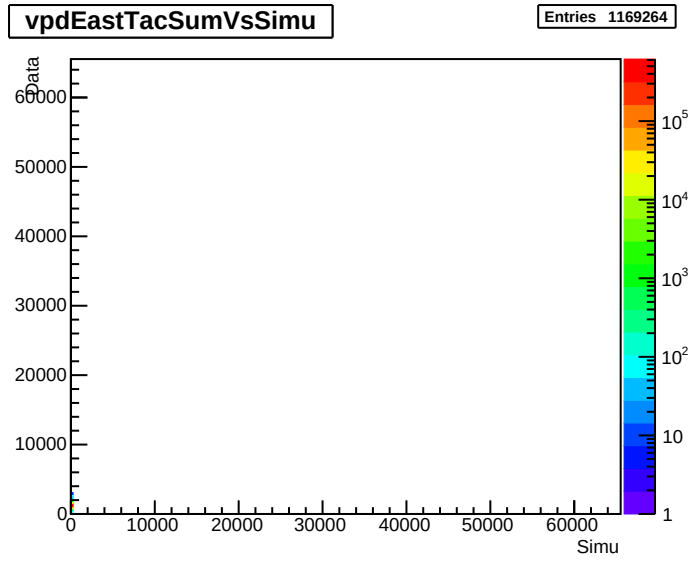

vpdEastAdcSum
Entries1276562

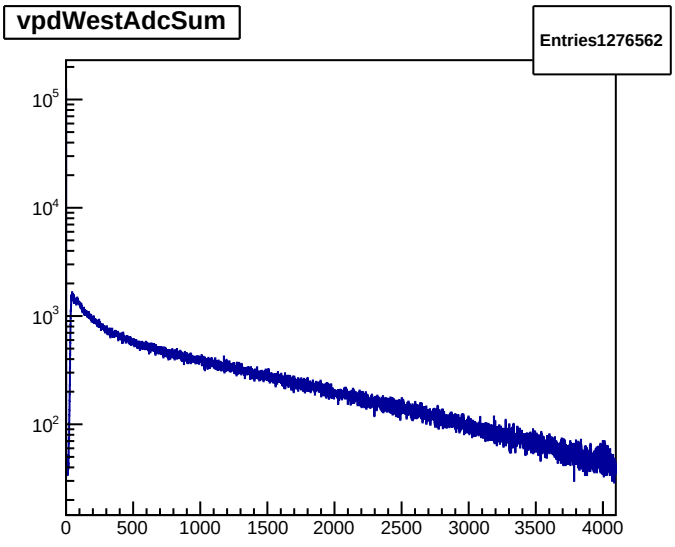

vpdEastAdcSumVsSimu
Entries 1169203
Data
Simu

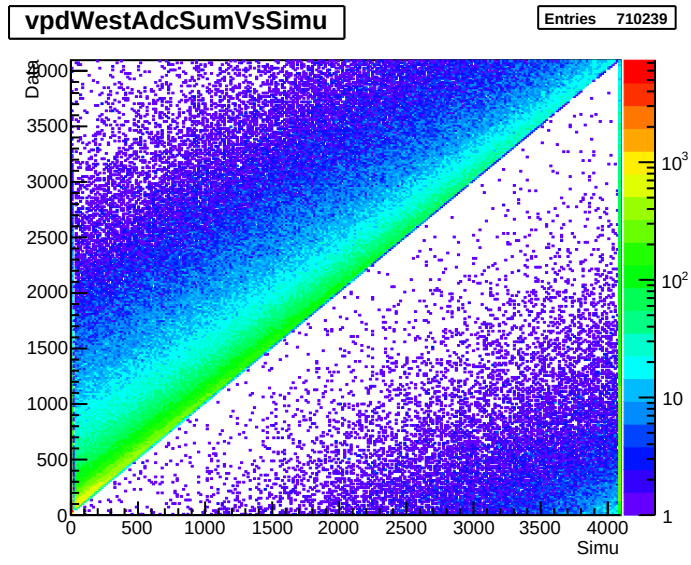

vpdEastNHits
Entries1276562

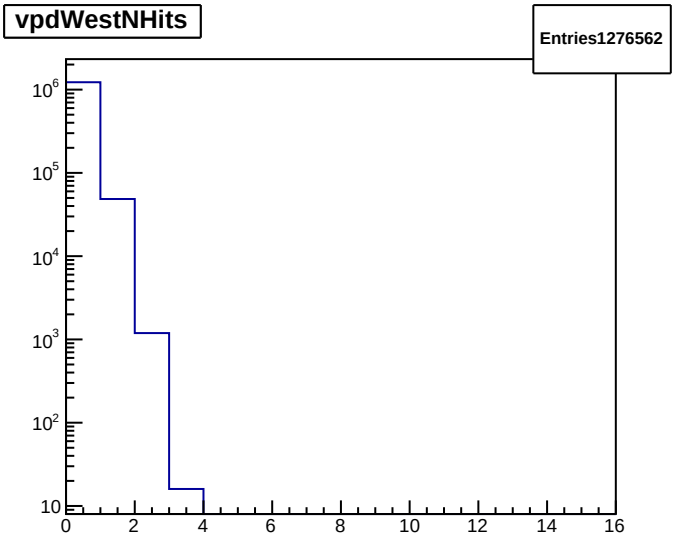

vpdEastNHitsVsSimu
Entries 84530

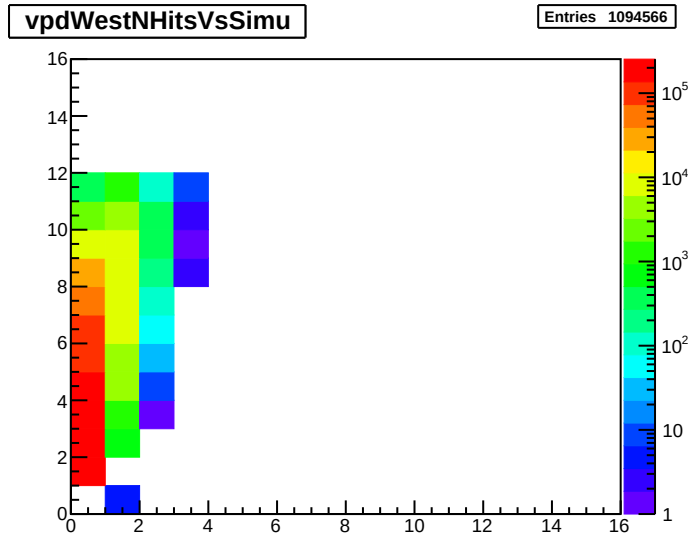

vpdEastTacSum
Entries1276562

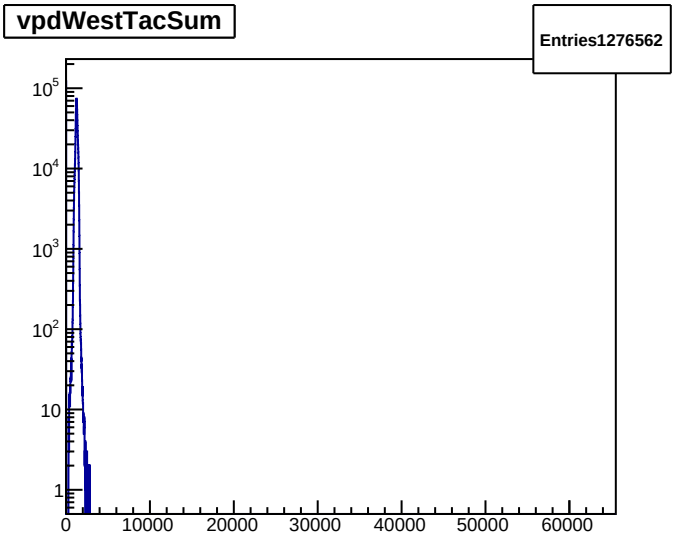

vpdEastTacSumVsSimu
Entries 1169264
Data
Simu

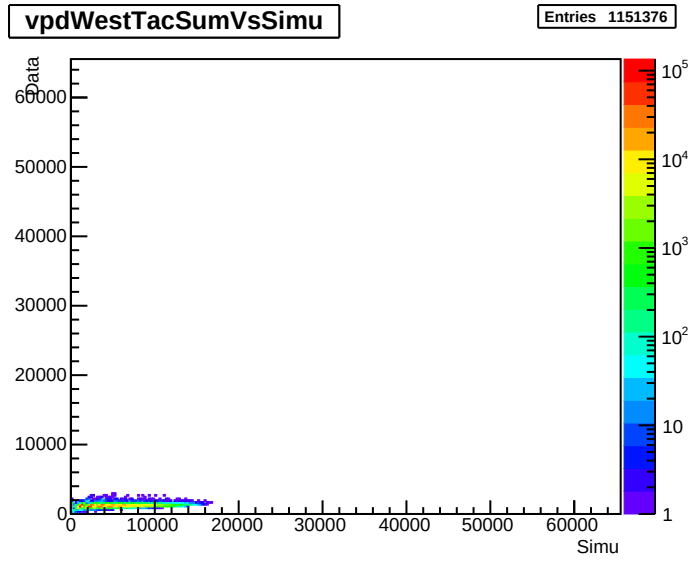

vpdWestAdcSum
Entries1276562

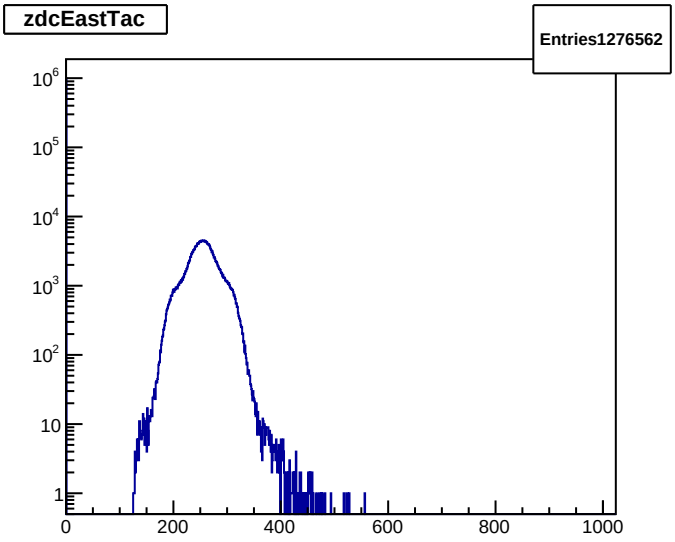

vpdWestAdcSumVsSimu
Entries 710239
Data
Simu

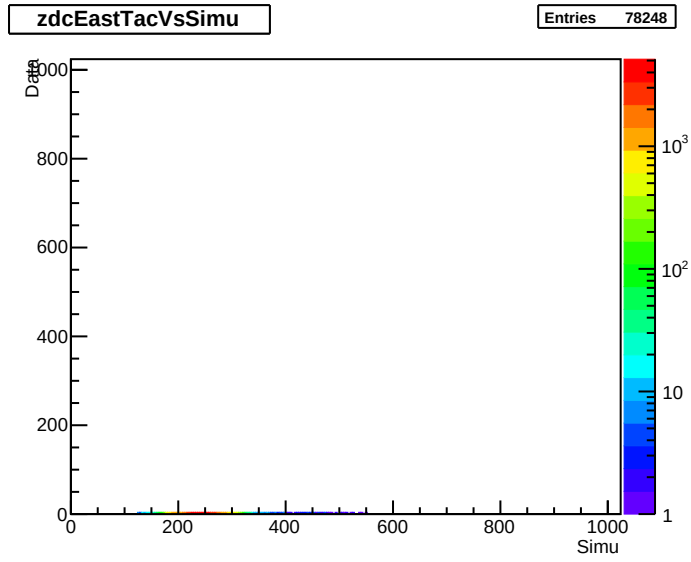

vpdWestNHits
Entries1276562

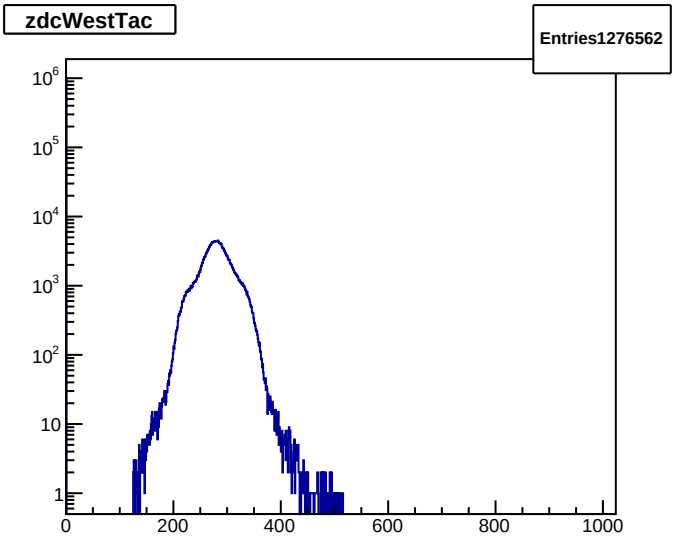

vpdWestNHitsVsSimu
Entries 1094566

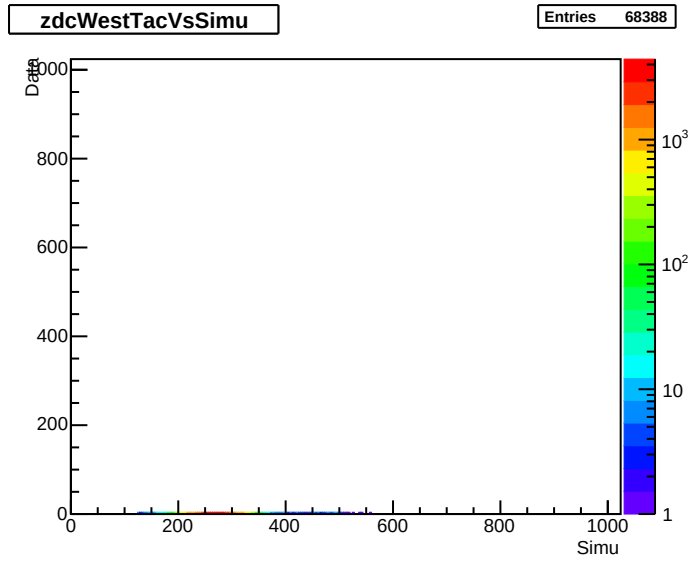

vpdWestTacSum
Entries1276562

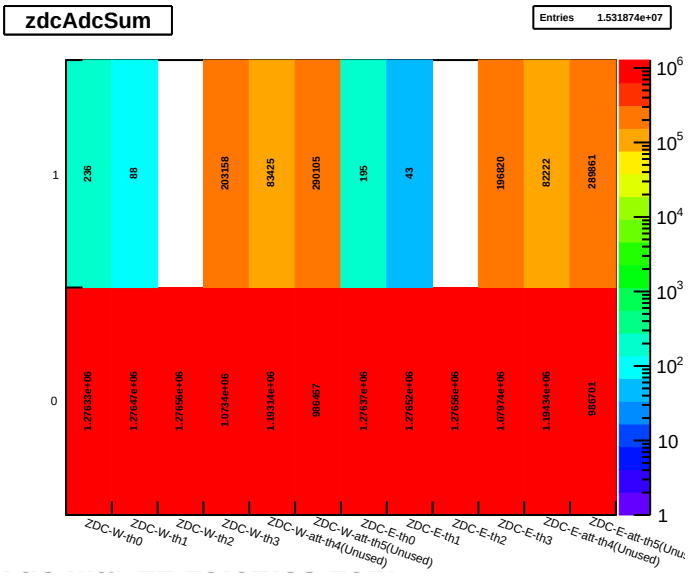

vpdWestTacSumVsSimu
Entries 1151376
Data
Simu

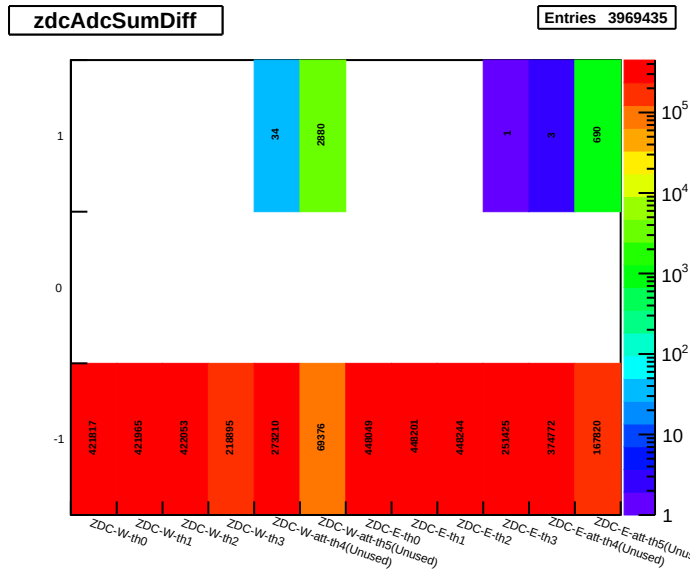

zdcEastTac
Entries1276562

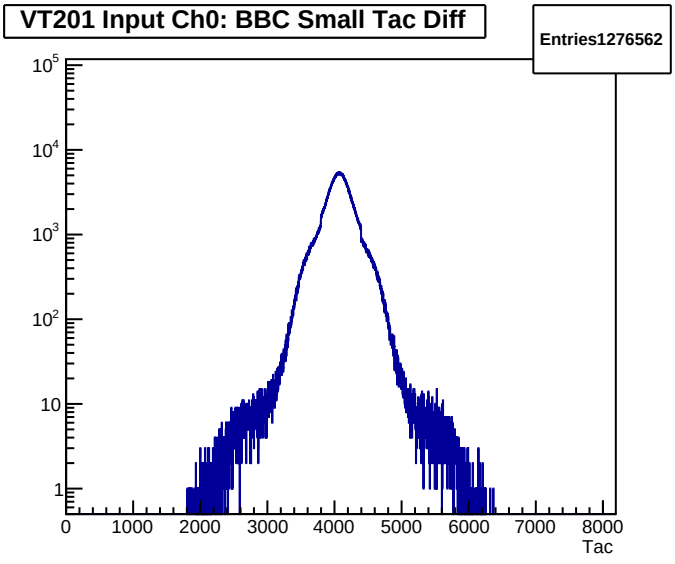

zdcEastTacVsSimu
Entries 78248
Data
Simu

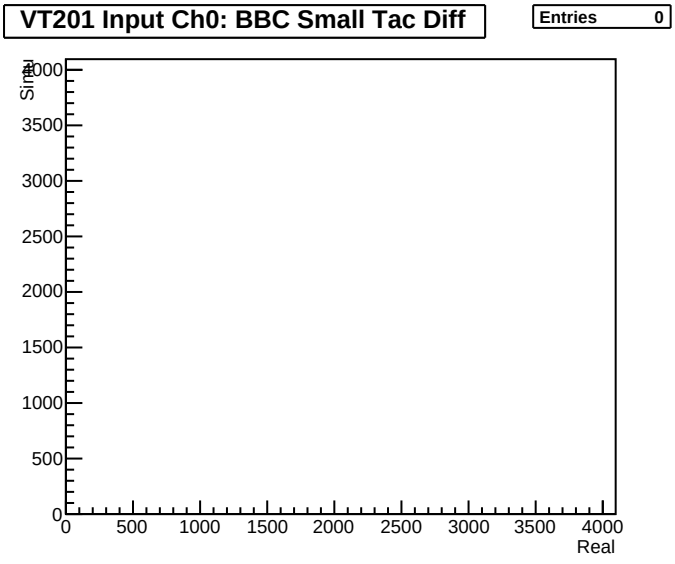

zdcWestTac
Entries1276562

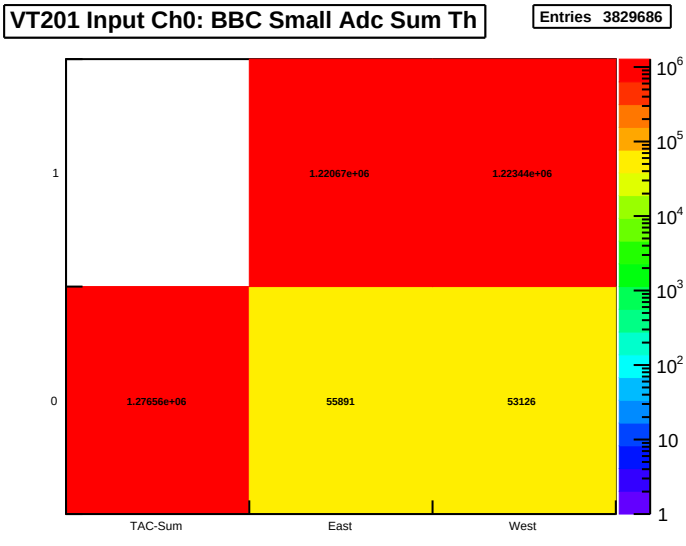

zdcWestTacVsSimu
Entries 68388
Data
Simu

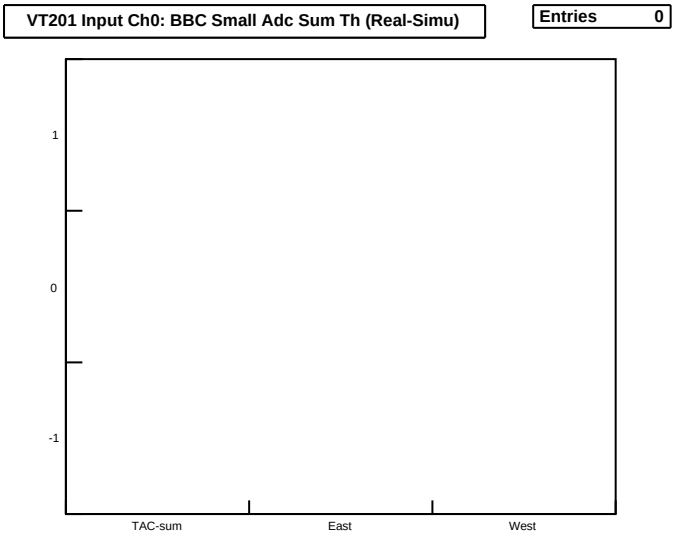

zdcAdcSum
Entries 1.531874e+07
236
88
203158
83425
290105
195
43
196820
82222
289861
1.27633e+06
1.27647e+05
1.27656e+06
1.0734e+06
1.19314e+06
986457
1.27637e+06
1.27652e+06
1.27656e+05
1.07974e+06
1.19434e+06
986701
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

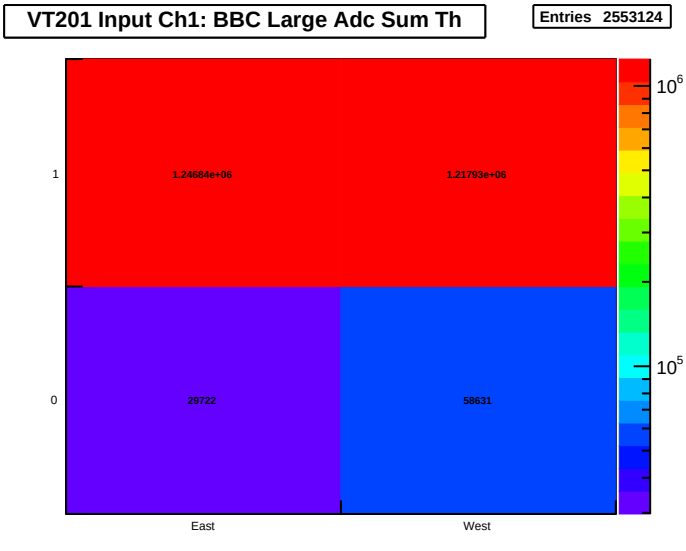

zdcAdcSumDiff
Entries 3969435
34
2880
1
3
690
421817
421965
422053
218895
273210
69376
448049
448201
448244
251425
374772
167820
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

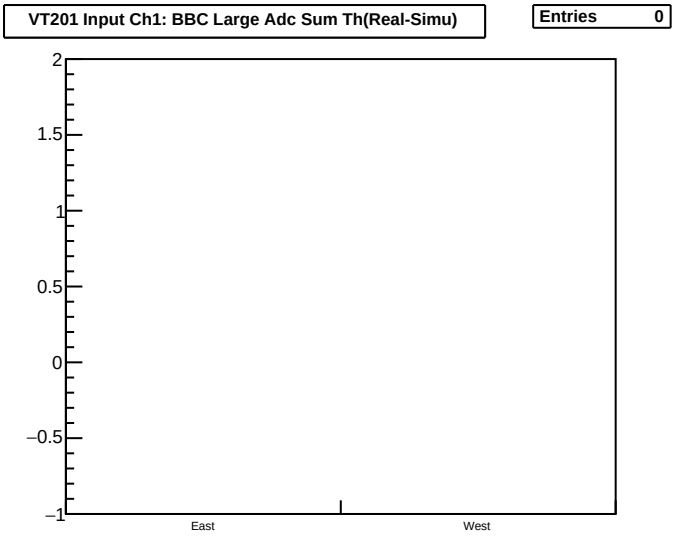

VT201 Input Ch0: BBC Small Tac Diff
Entries1276562
Tac


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

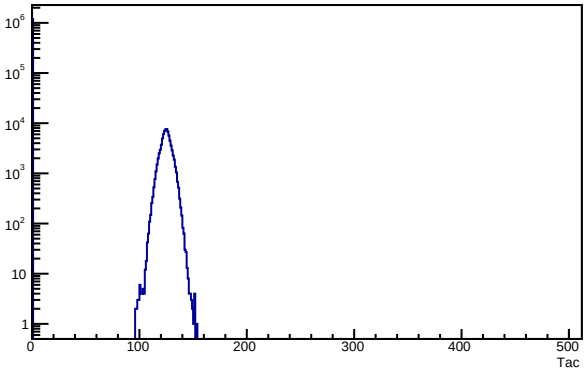

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3829686
1.22067e+06
1.22344e+06
1.27656e+06
55891
53126
TAC-Sum
East
West


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

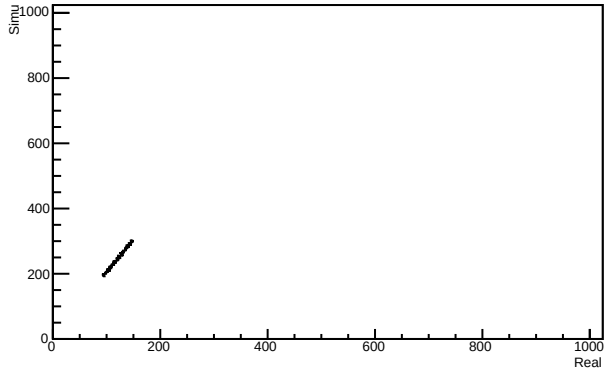

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2553124
1.24684e+06
1.21793e+06
29722
58631
East
West


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

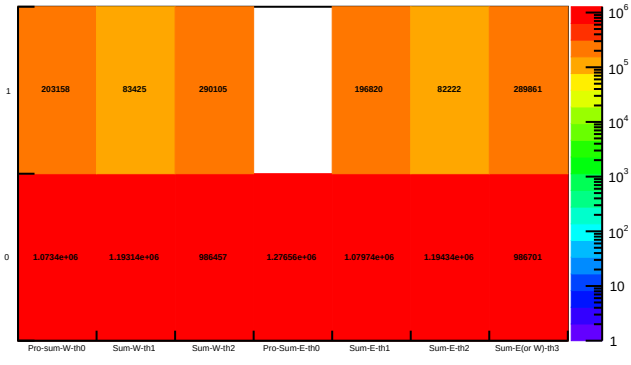
VT201 Input Ch2: ZDC Tac Diff



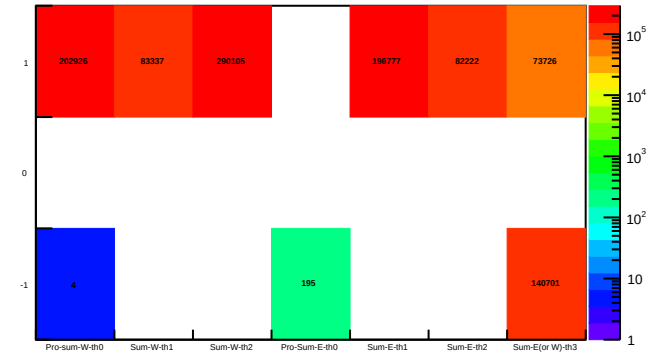
VT201 Input Ch2: ZDC Tac Diff



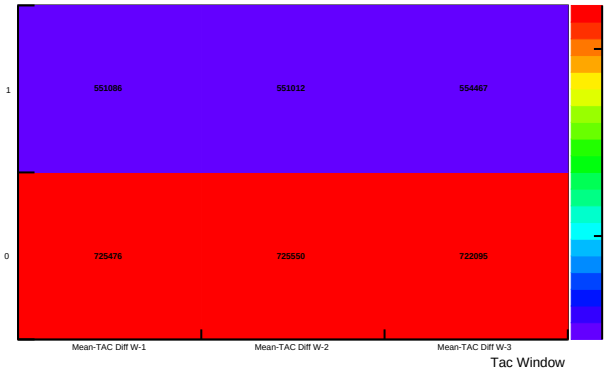
VT201 Input Ch2: ZDC Adc Sum Th



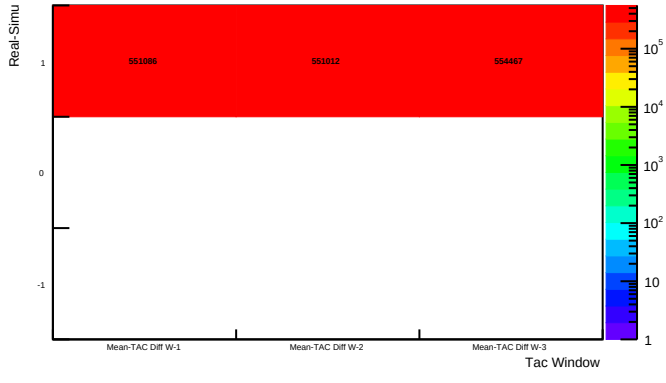
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



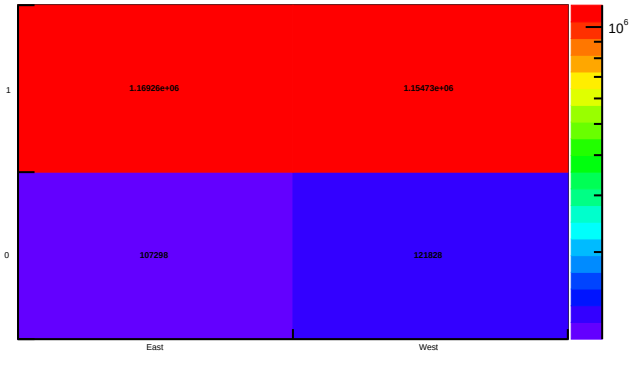
VT201 Input Ch4: VPD Tac Diff



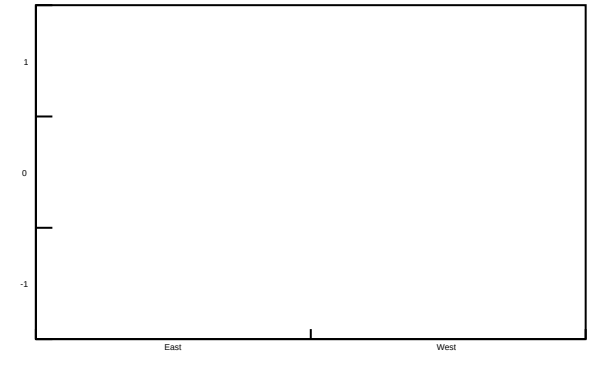
VT201 Input Ch4: VPD Tac Diff

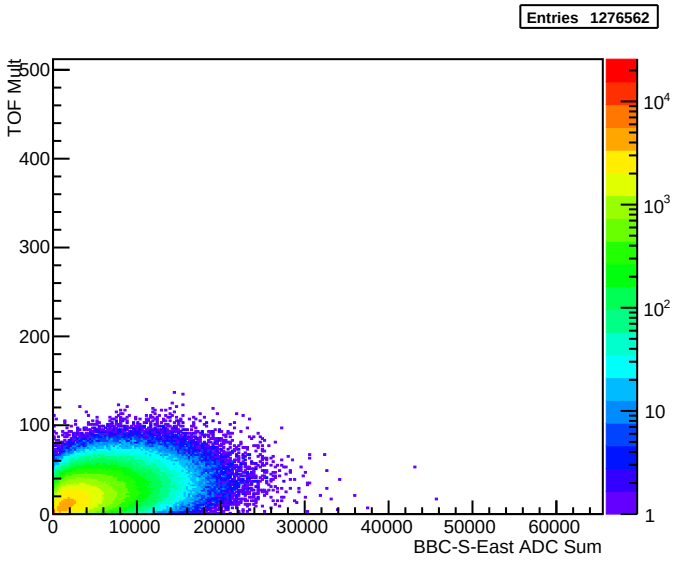


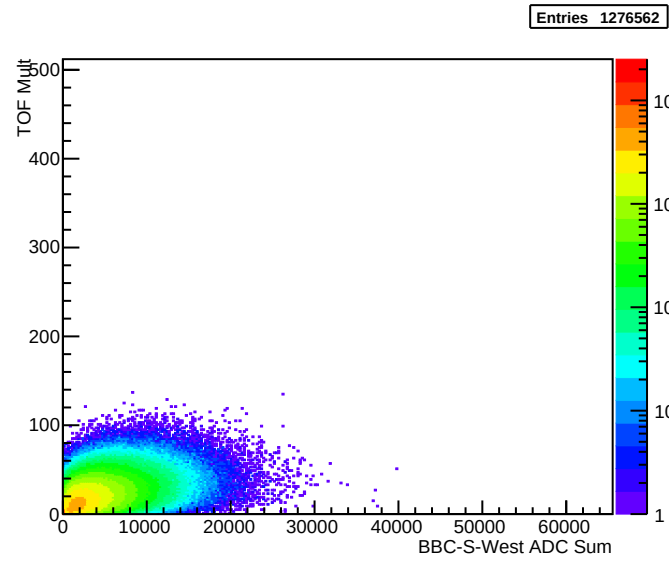
VT201 Input Ch4: VPD Adc Sum Th

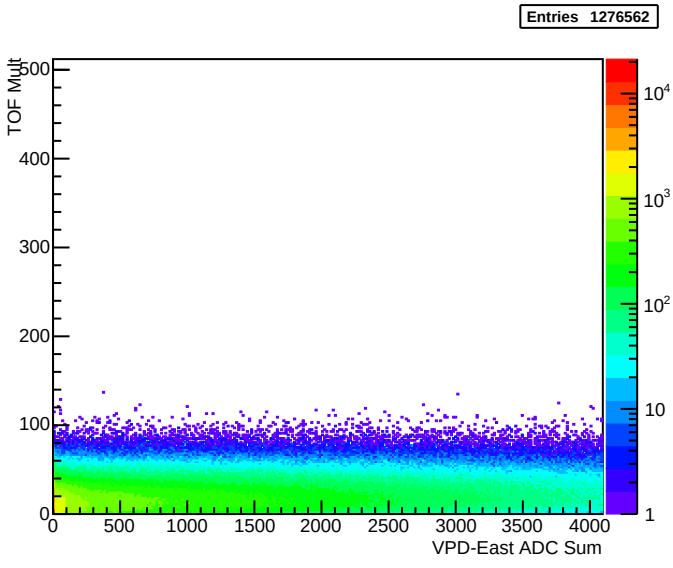


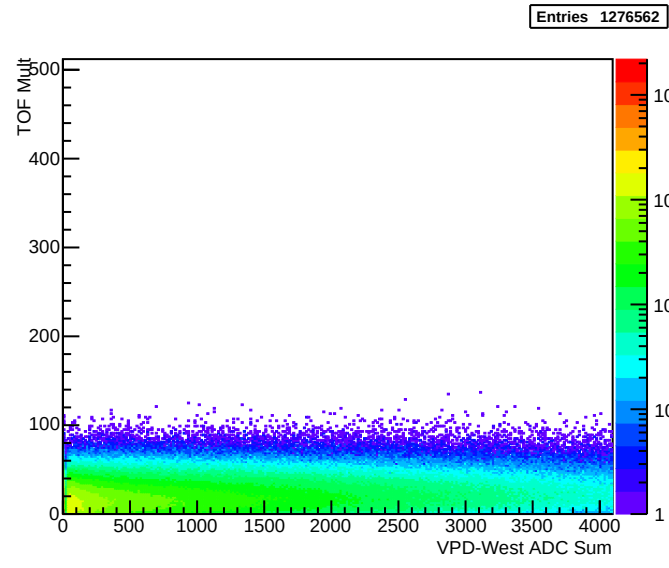
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

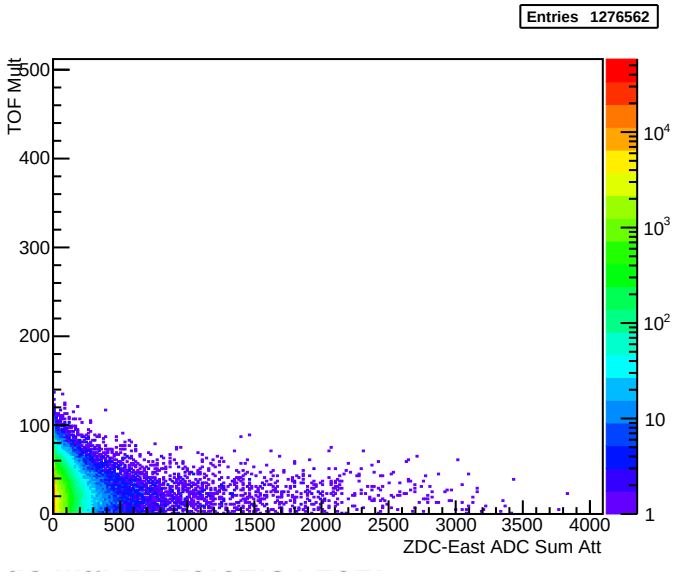


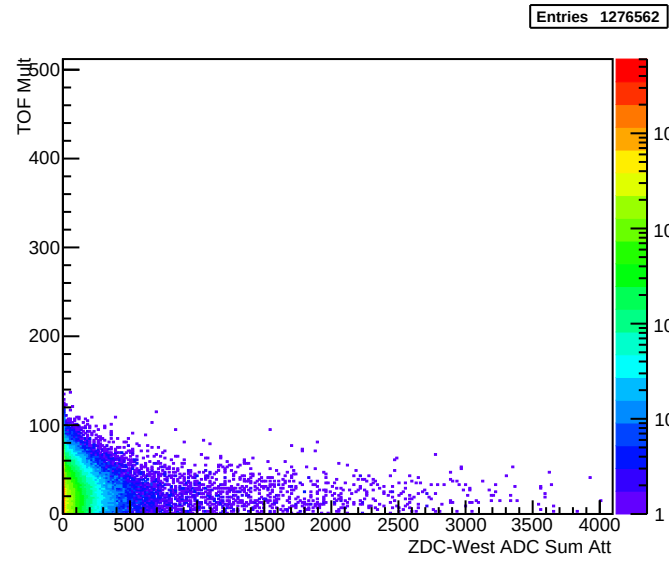

Entries 1276562
TOF Mult
BBC-S-East ADC Sum

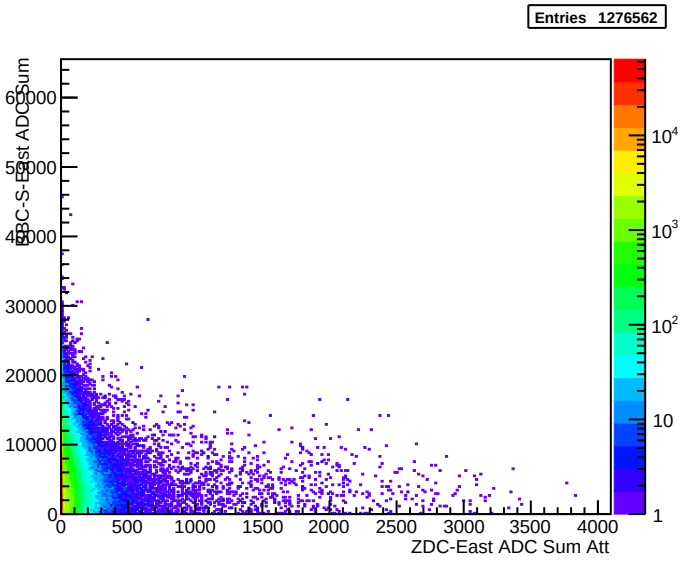

Entries 1276562
TOF Mult
BBC-S-West ADC Sum

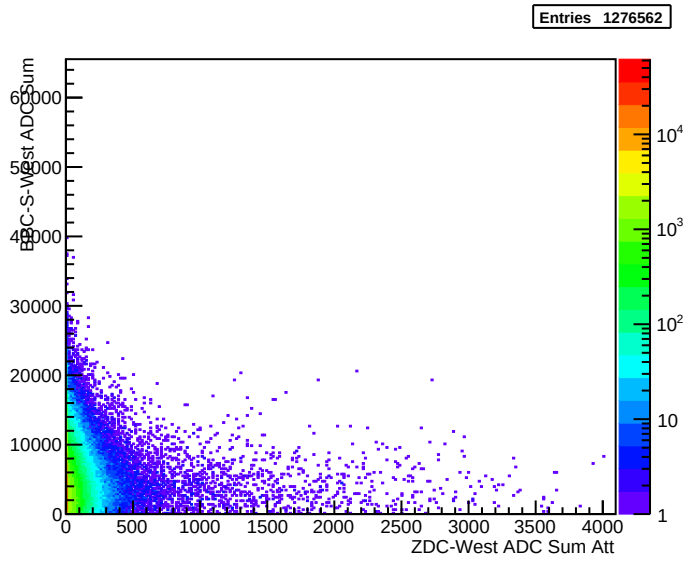

Entries 1276562
TOF Mult
VPD-East ADC Sum

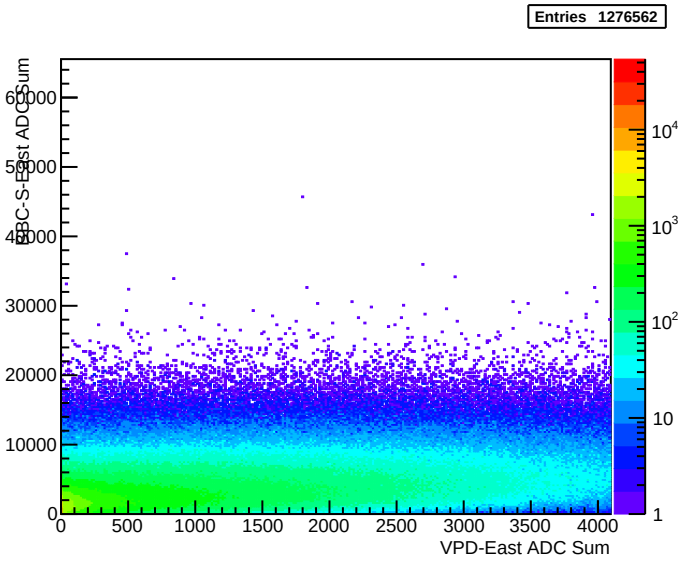

Entries 1276562
TOF Mult
VPD-West ADC Sum

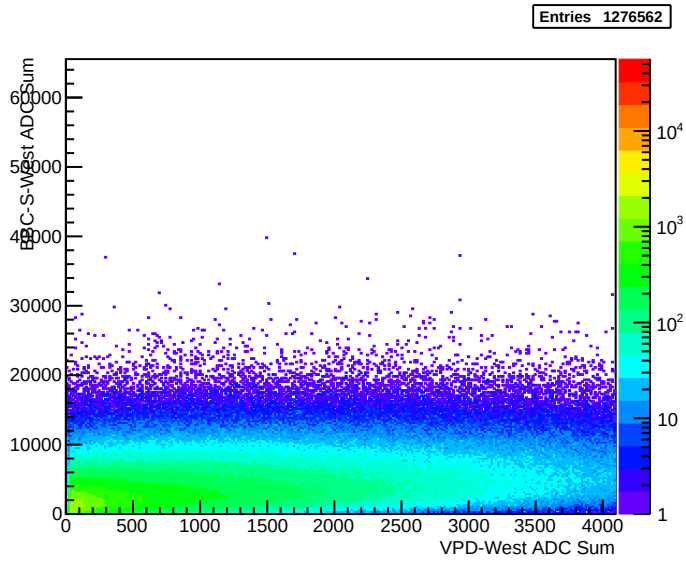

Entries 1276562
TOF Mult
ZDC-East ADC Sum Att

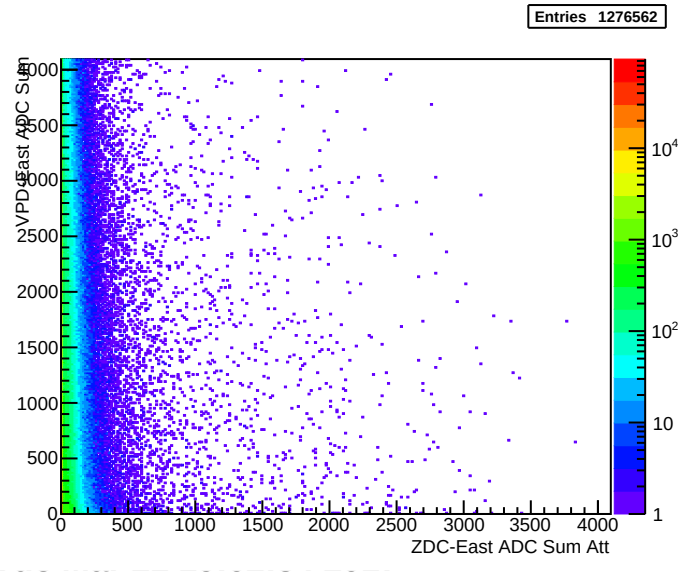

Entries 1276562
TOF Mult
ZDC-West ADC Sum Att

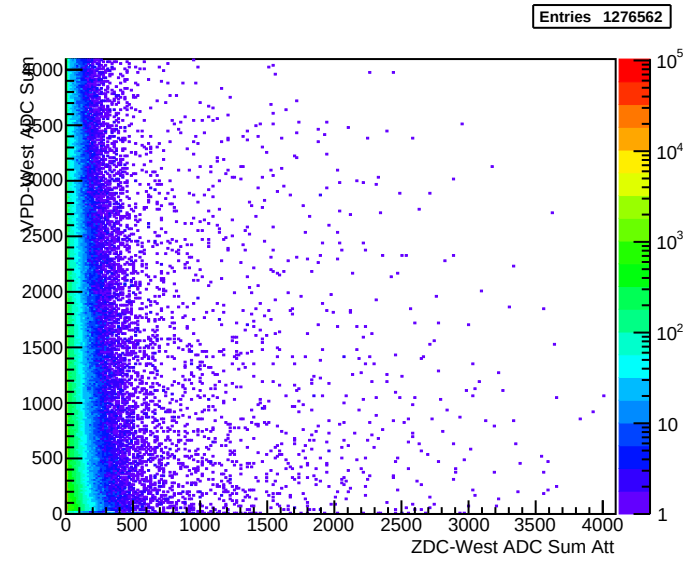

Entries 1276562
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

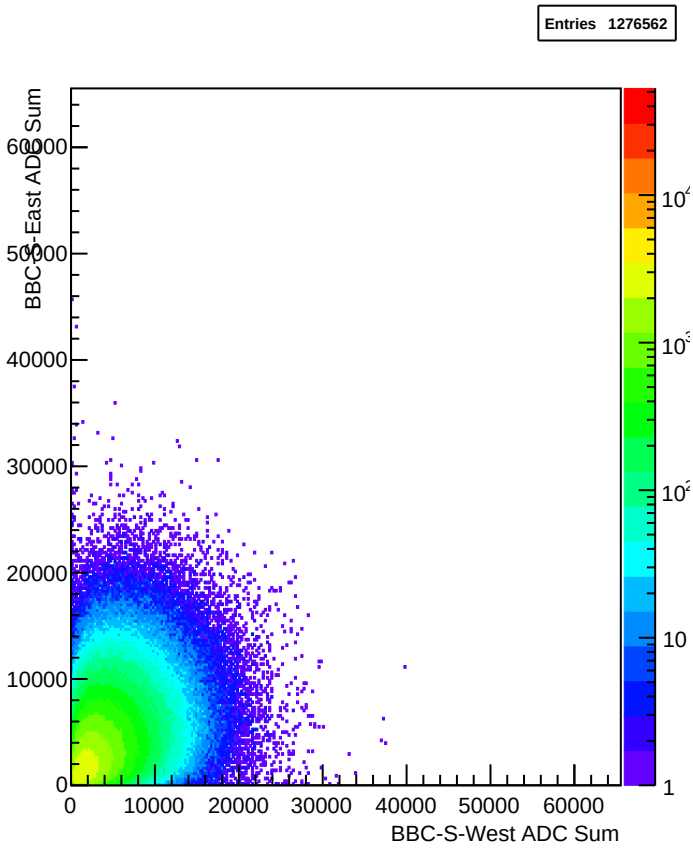

Entries 1276562
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

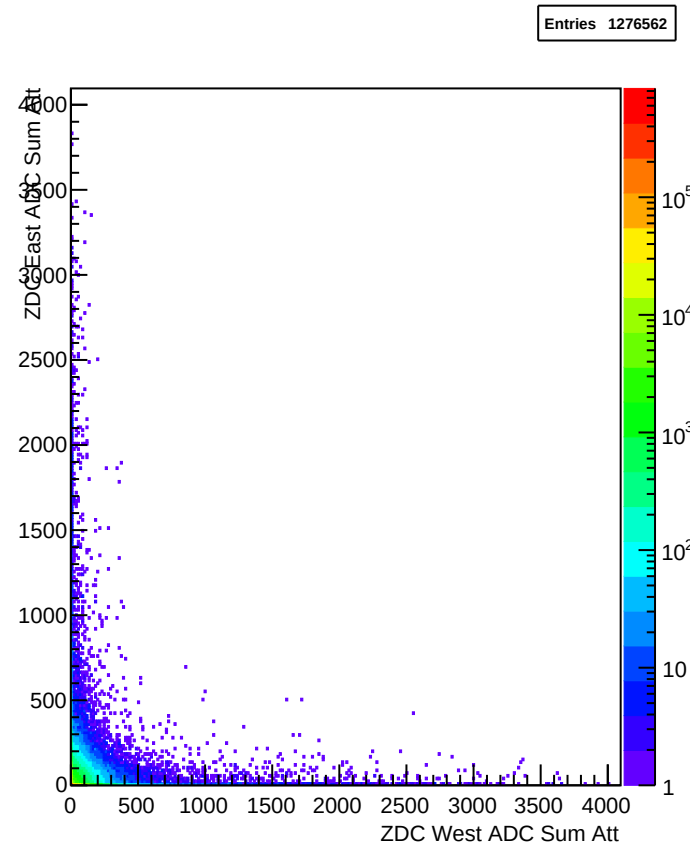

Entries 1276562
BBC-S-East ADC Sum
VPD-East ADC Sum

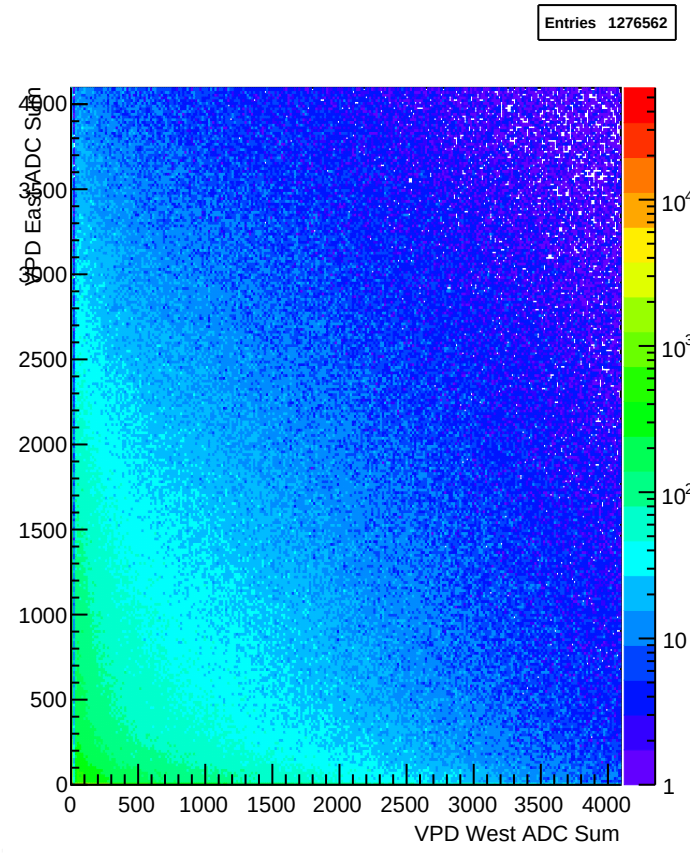

Entries 1276562
BBC-S-West ADC Sum
VPD-West ADC Sum

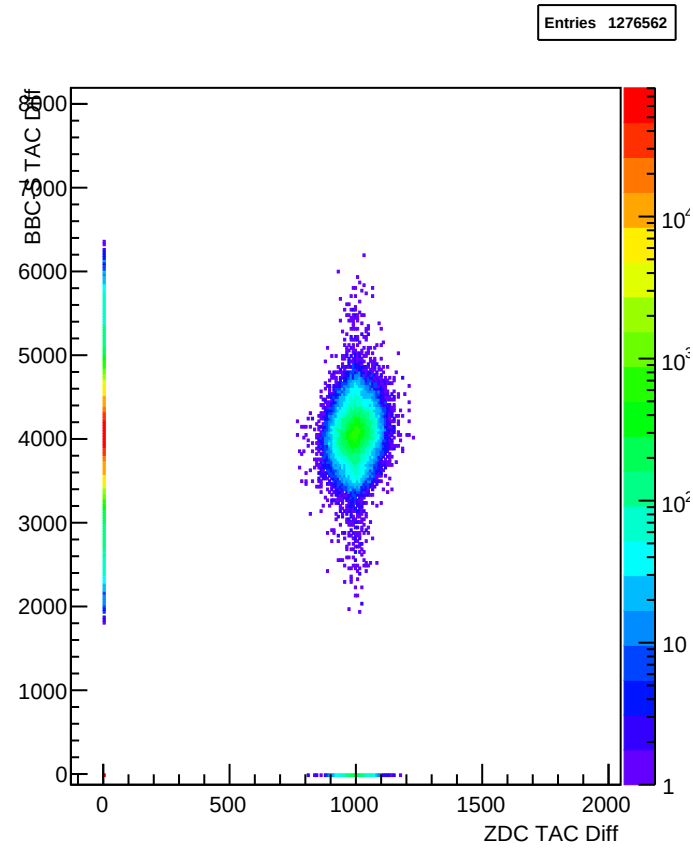

Entries 1276562
VPD-East ADC Sum
ZDC-East ADC Sum Att

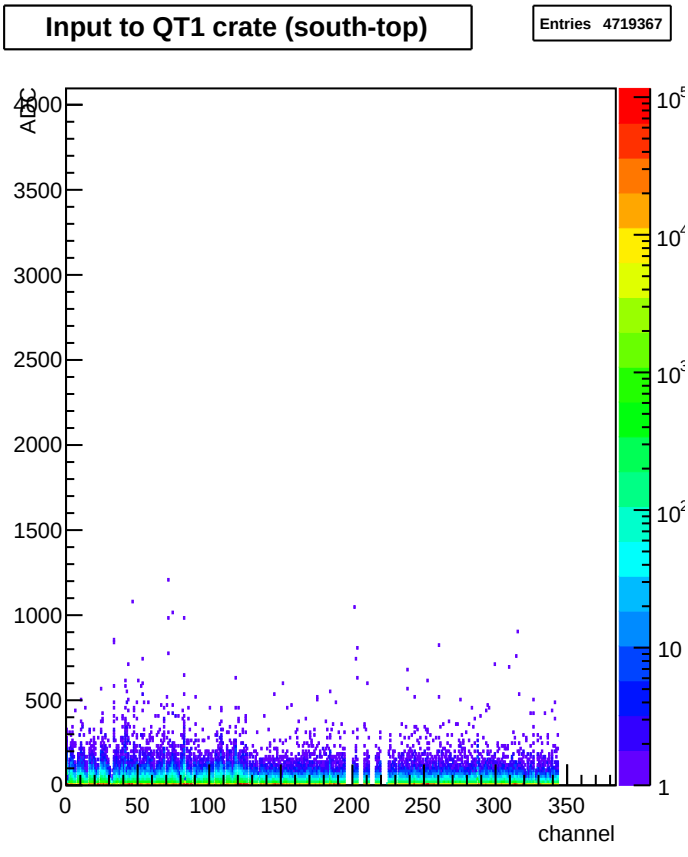

Entries 1276562
VPD-West ADC Sum
ZDC-West ADC Sum Att

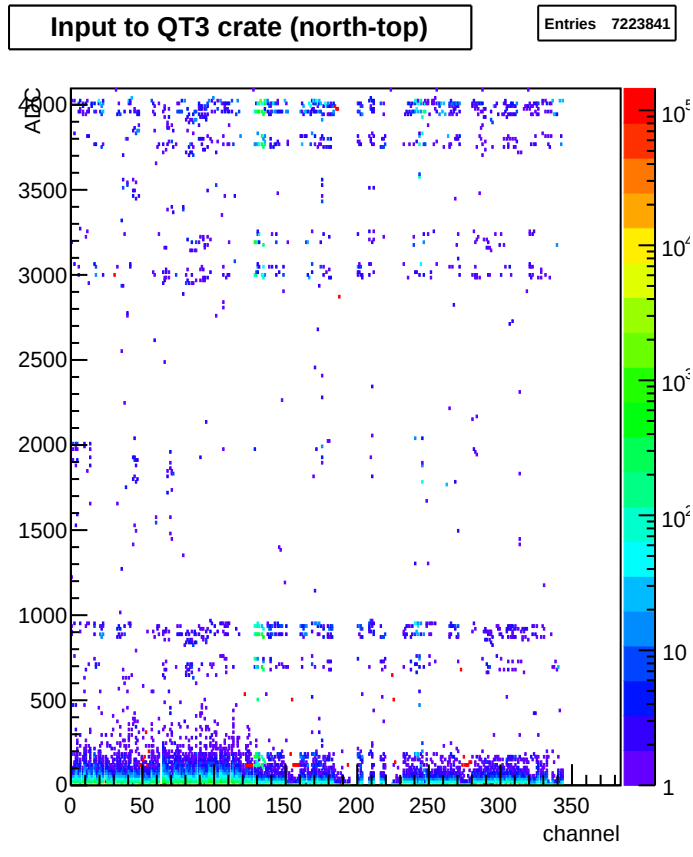

Entries 1276562
BBC-S-East ADC Sum
BBC-S-West ADC Sum

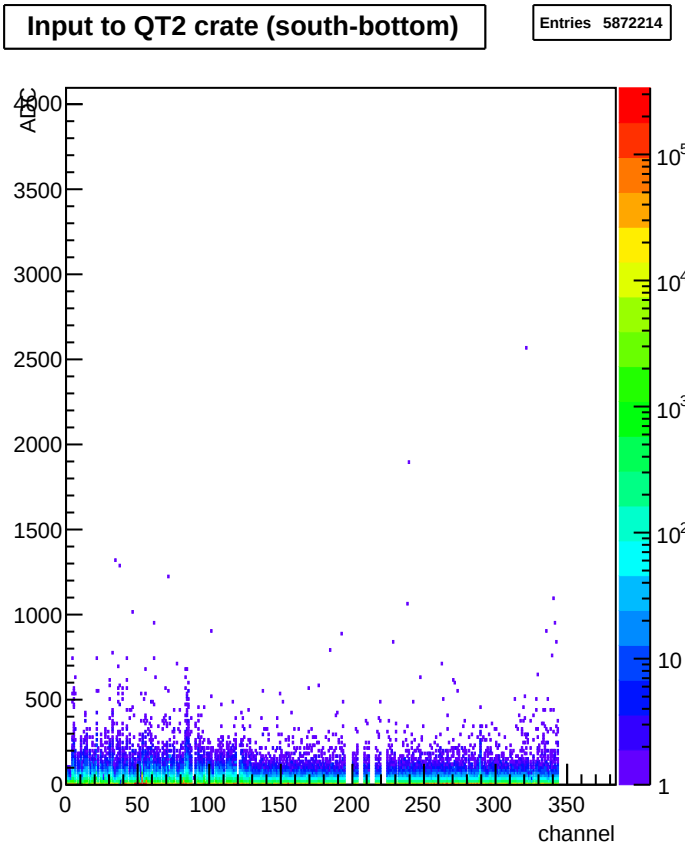

Entries 1276562
ZDC East ADC Sum Att
ZDC West ADC Sum Att

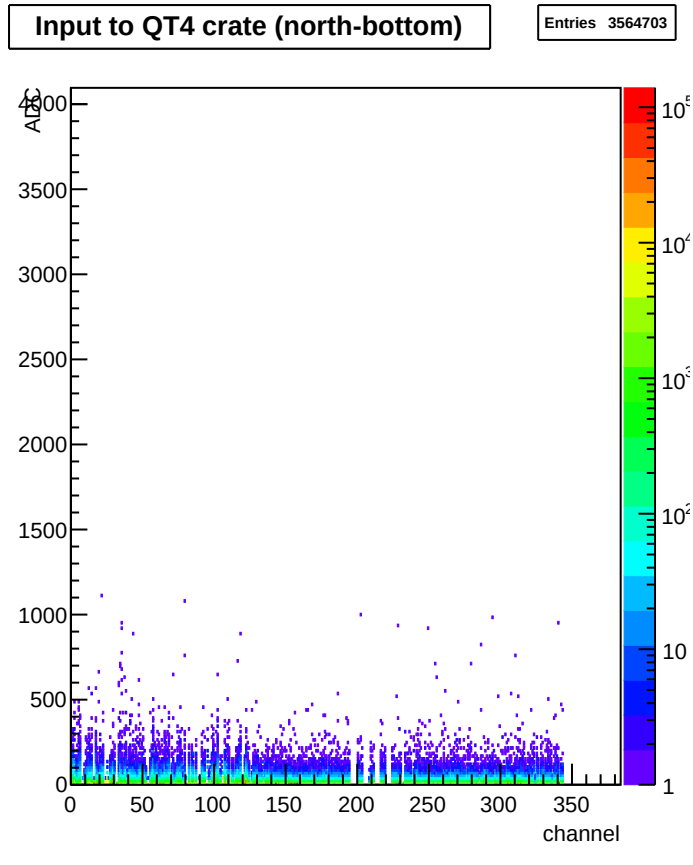

Entries 1276562
VPD East ADC Sum
VPD West ADC Sum

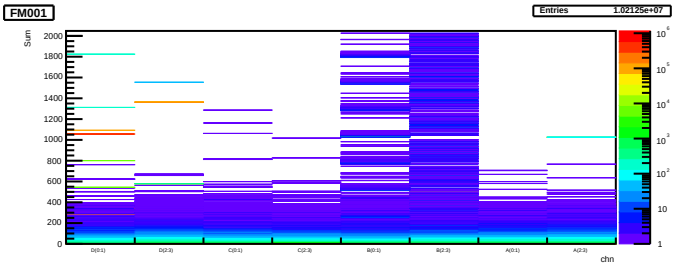

Entries 1276562
BBC-S TAC Diff
ZDC TAC Diff

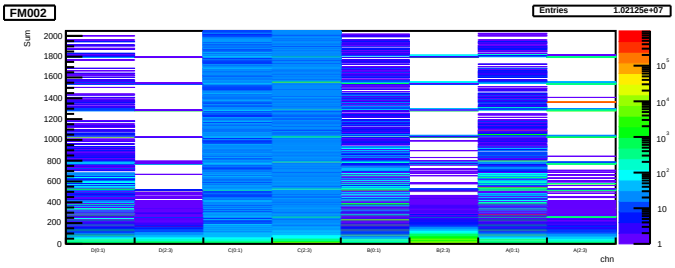

Input to QT1 crate (south-top)
Entries 4719367
ADC
channel

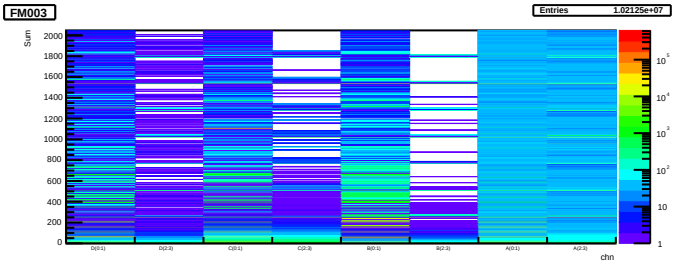

Input to QT3 crate (north-top)
Entries 7223841
ADC
channel

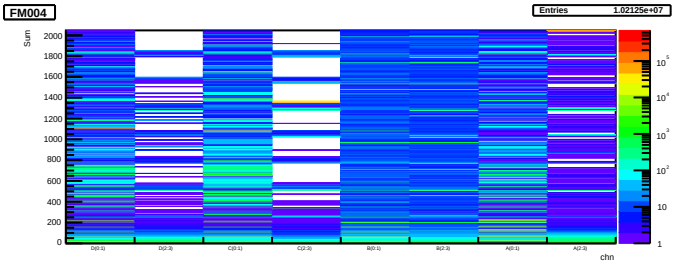

Input to QT2 crate (south-bottom)
Entries 5872214
ADC
channel

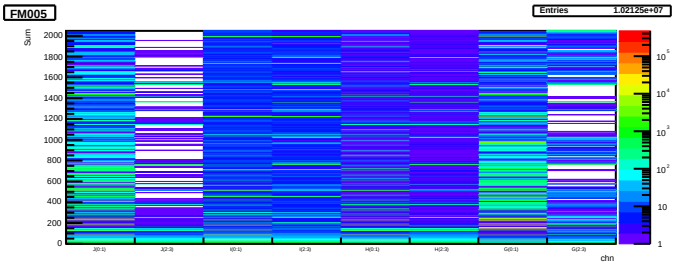

Input to QT4 crate (north-bottom)
Entries 3564703
ADC
channel

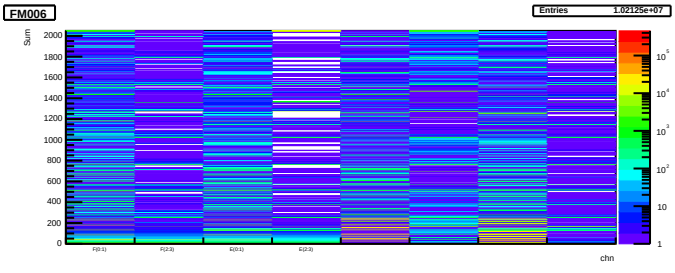

FM001
Entries 1.02125e+07
Sum
chn

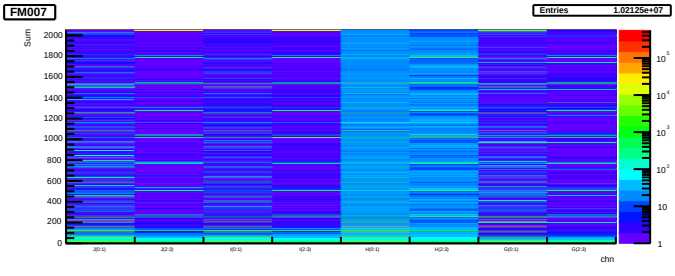

FM002
Entries 1.02125e+07
Sum
chn

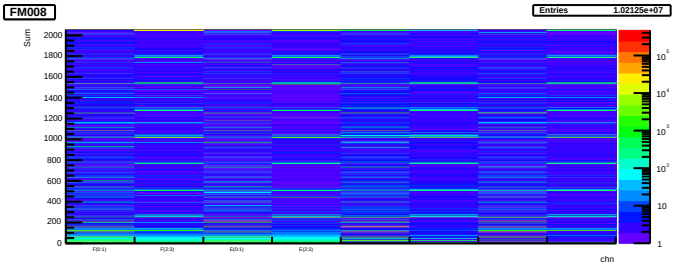

FM003
Entries 1.02125e+07
Sum
chn


FM004
Entries 1.02125e+07
Sum
chn


FM005
Entries 1.02125e+07
Sum
chn


FM006
Entries 1.02125e+07
Sum
chn


FM007
Entries 1.02125e+07
Sum
chn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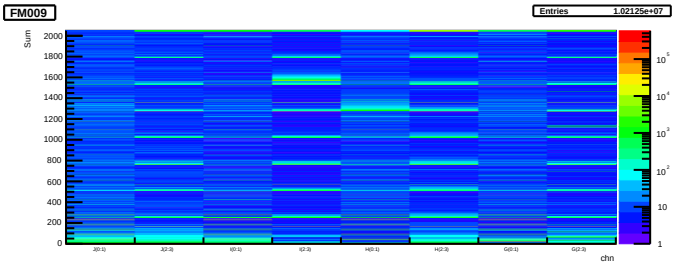
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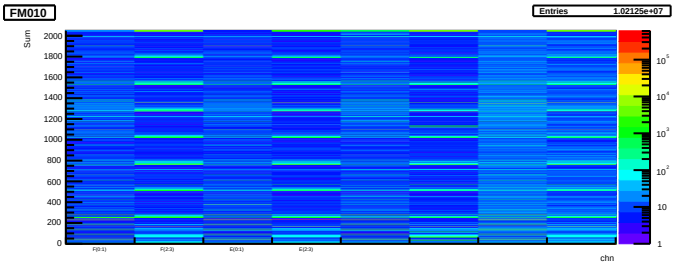
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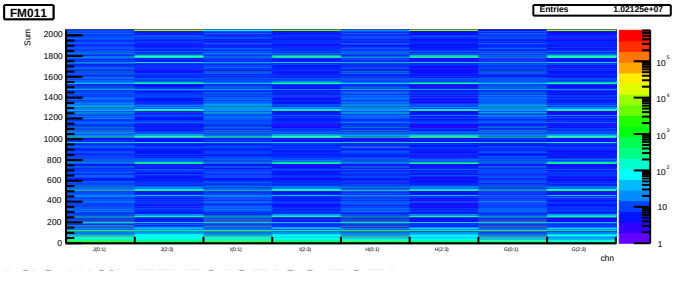
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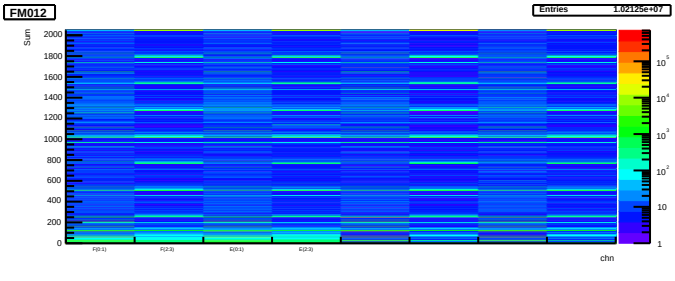
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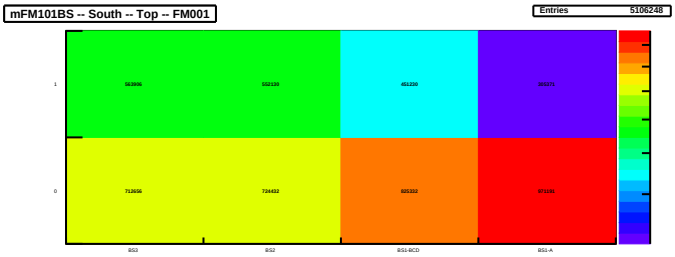
mFM101BS -- South -- Top -- FM001
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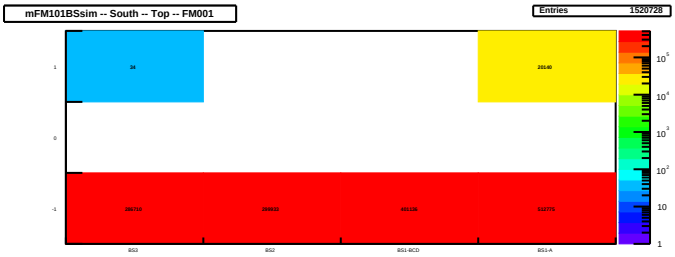
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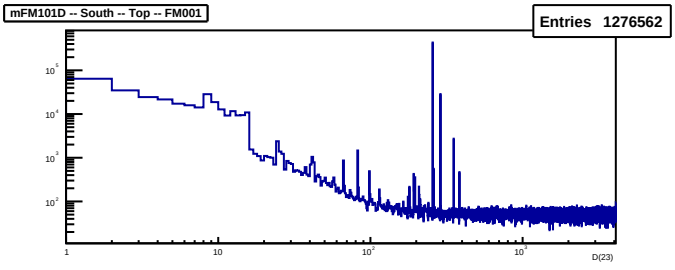
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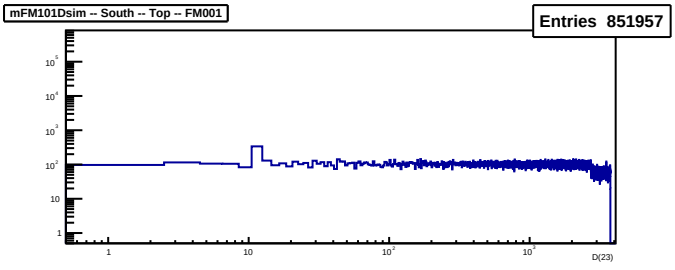
Entries 1276562
D(23)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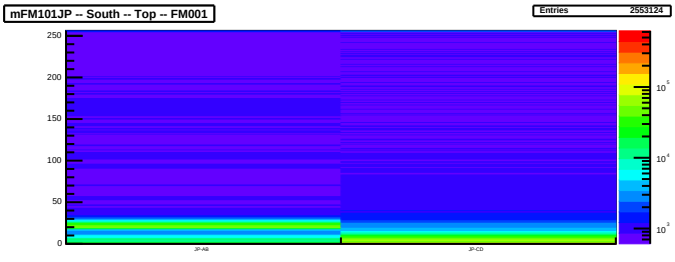
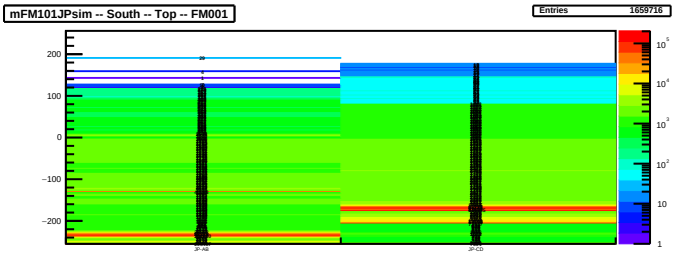

mFM101JP -- South -- Top -- FM001
Entries 2553124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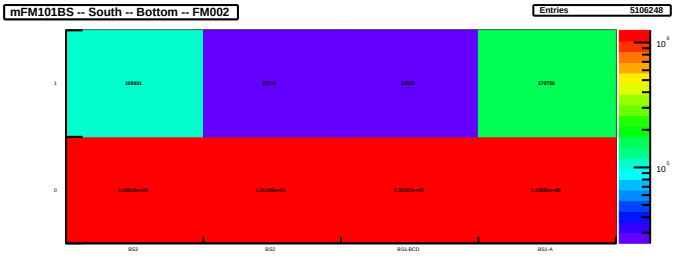
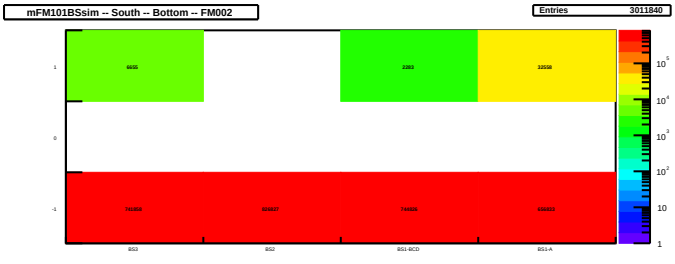

mFM101BS -- South -- Bottom -- FM002
Entries 5106248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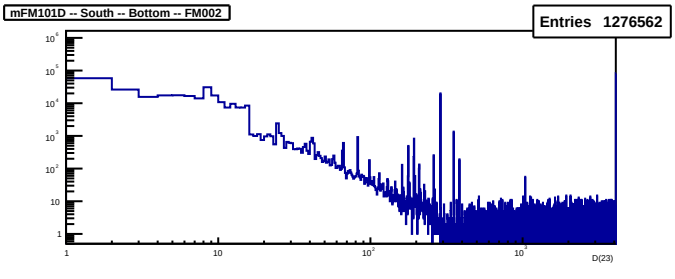
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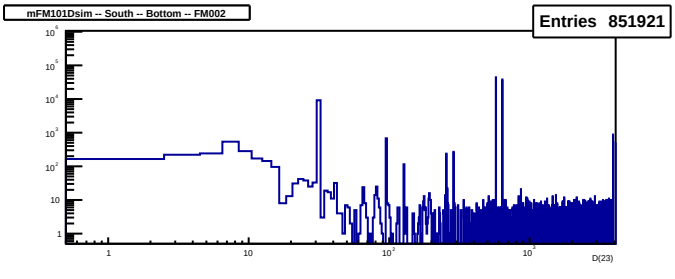
Entries 1276562
D(23)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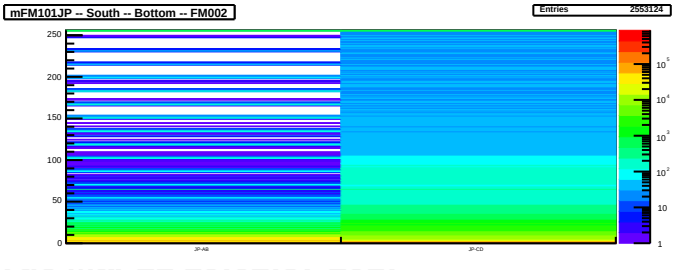
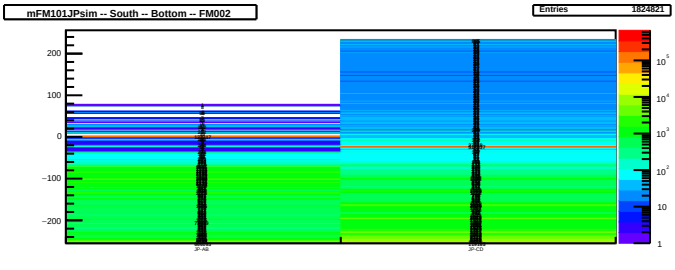
Entries 851921
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 2553124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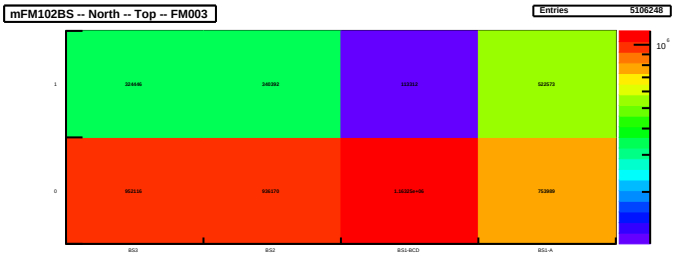
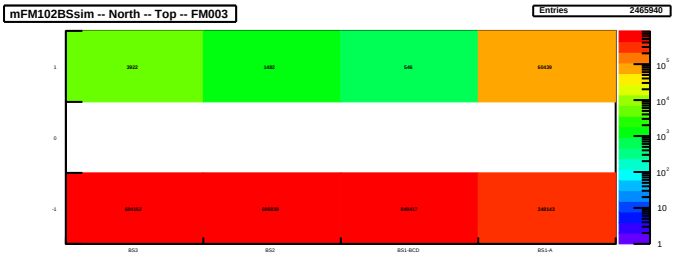

mFM102BS -- North -- Top -- FM003
Entries 5106248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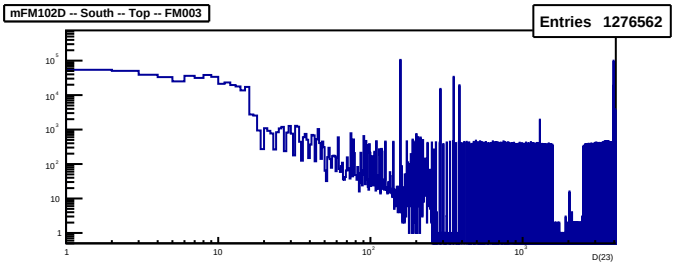
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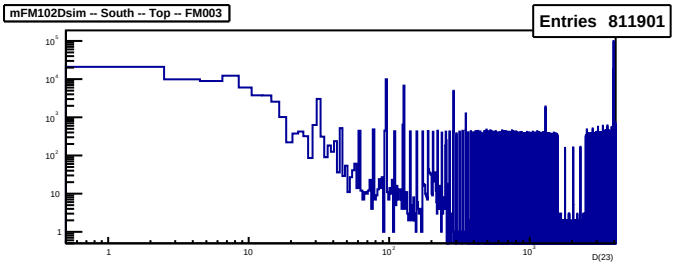
Entries 1276562
D(23)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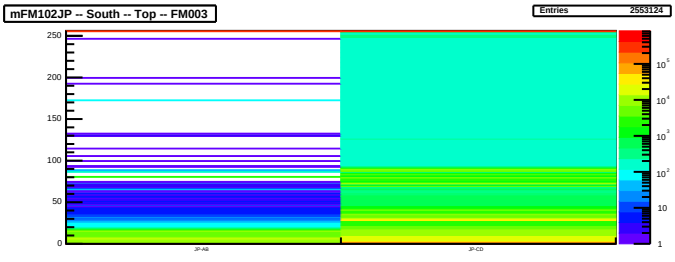
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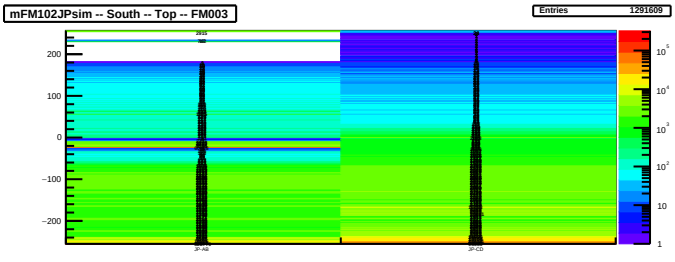
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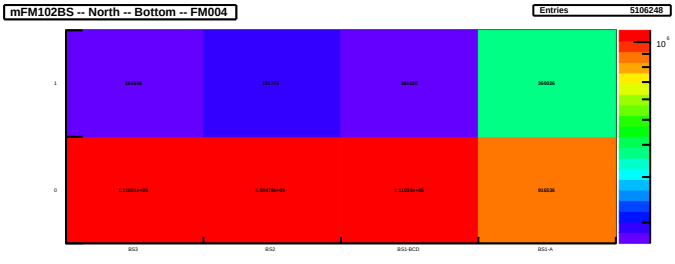
mFM102BS -- North -- Bottom -- FM004
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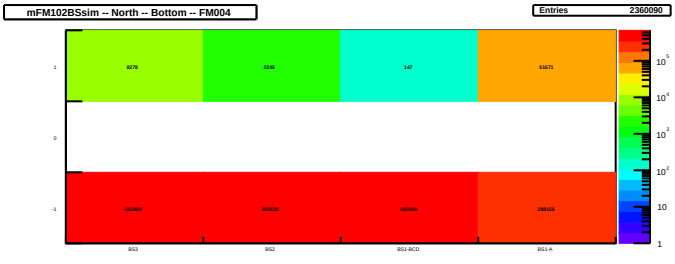
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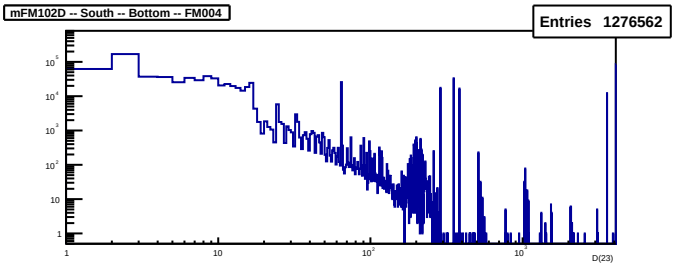
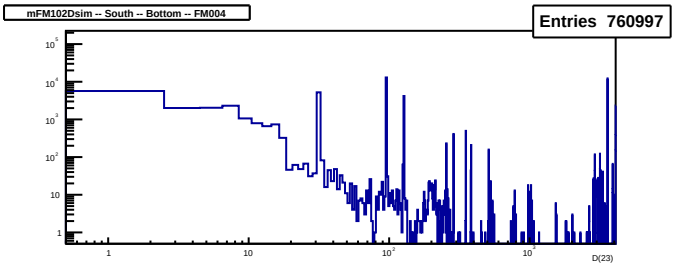

mFM102D -- South -- Bottom -- FM004
Entries 1276562
D(23)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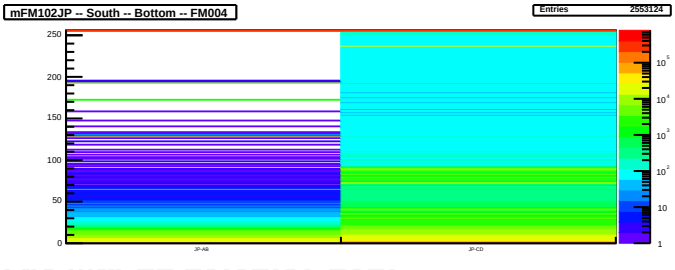
D(23)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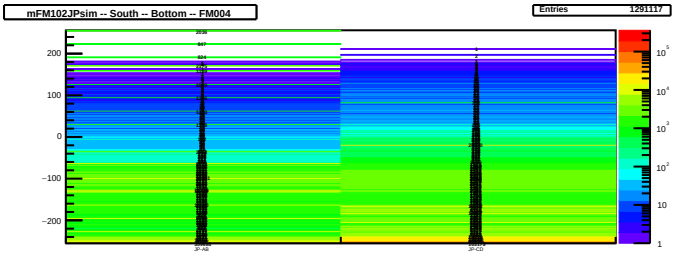
Entries 2553124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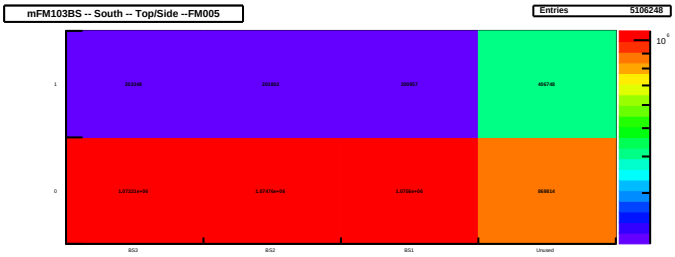
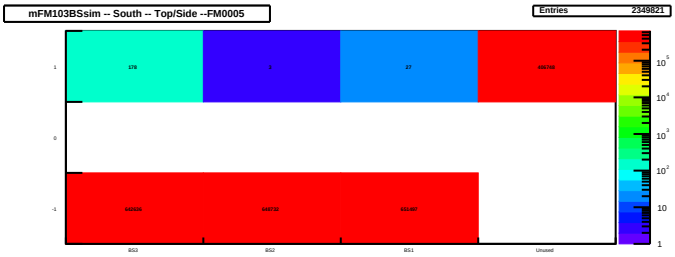

mFM103BS -- South -- Top/Side --FM005
Entries 5106248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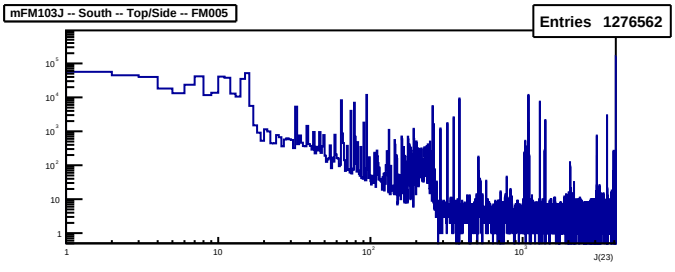
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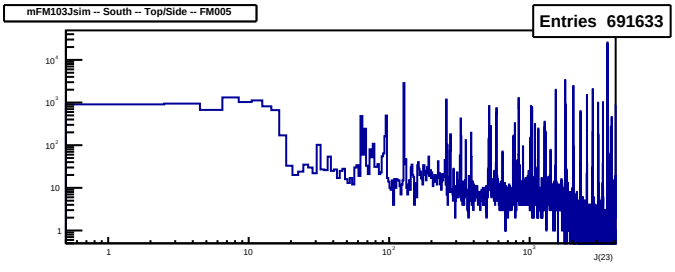
Entries 1276562
J(23)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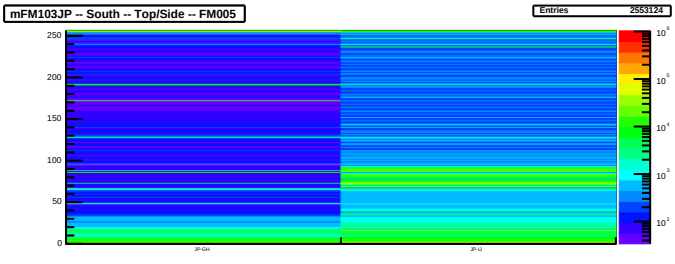
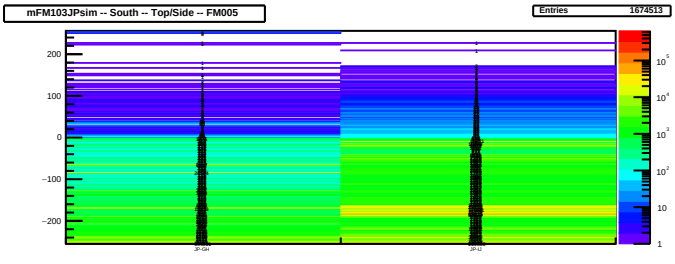
Entries 691633
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 2553124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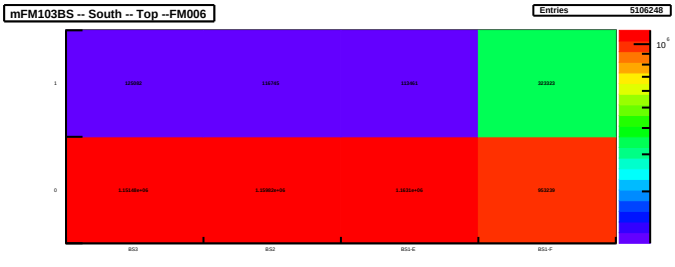
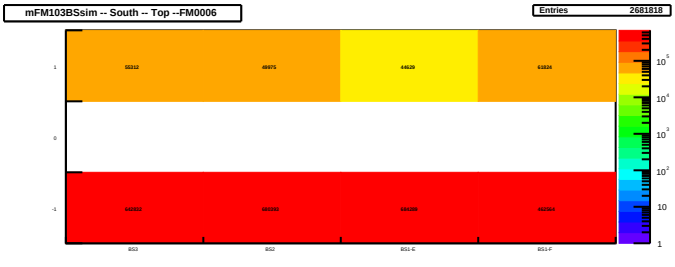

mFM103BS -- South -- Top --FM006
Entries 5106248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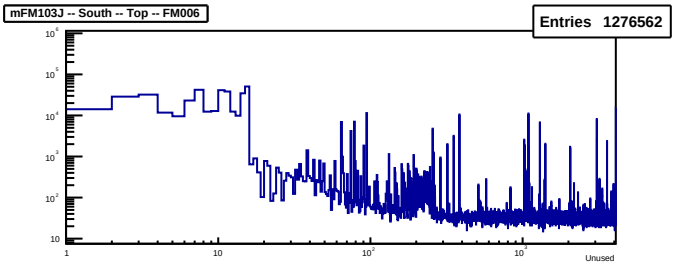
mFM103J -- South -- Top -- FM006
Entries 1276562
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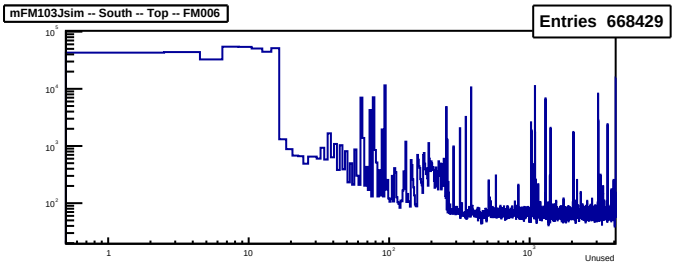
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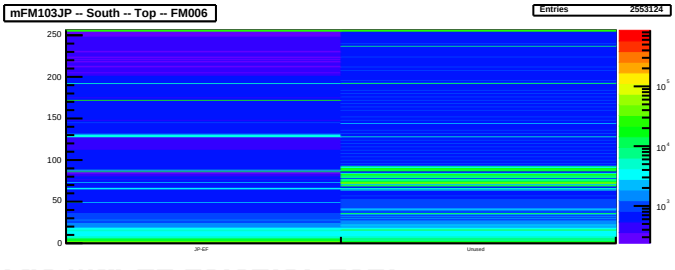
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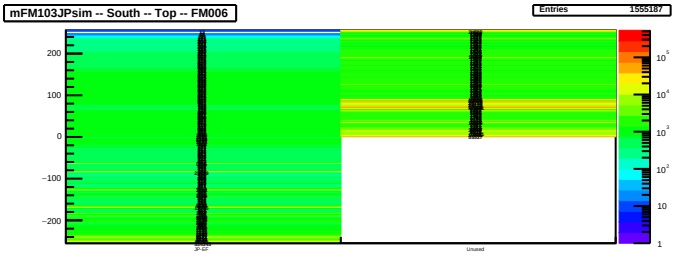
Entries 2553124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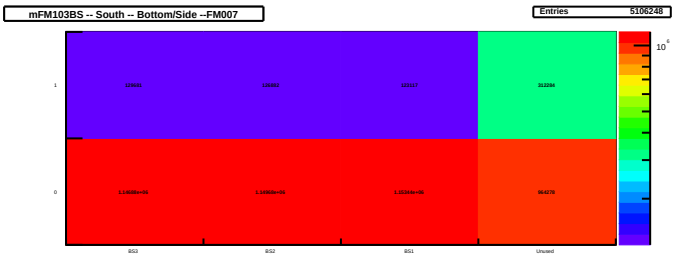
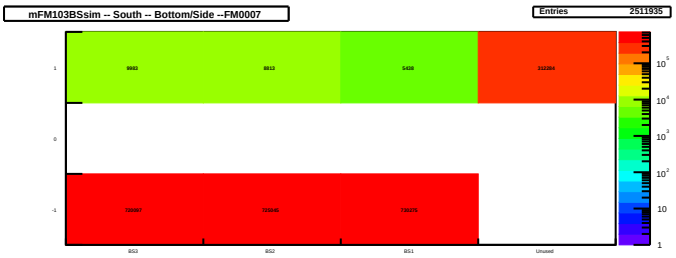
Entries 1555187


mFM103BS -- South -- Bottom/Side --FM007
Entries 5106248
BS3
BS2
BS1
Unused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Entries 2511935
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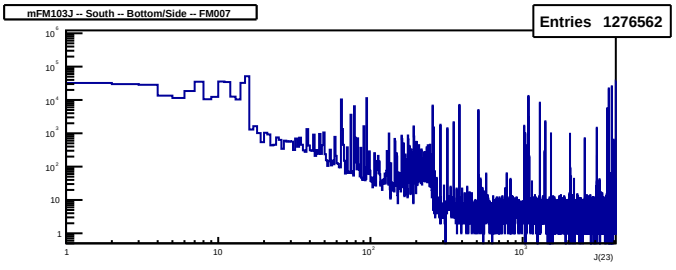
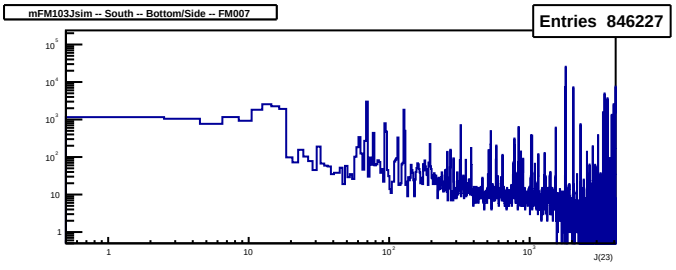
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 1276562
J(23)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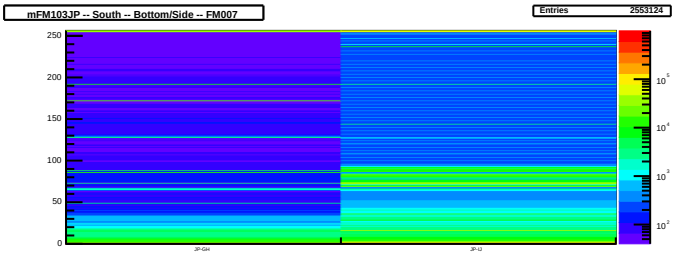
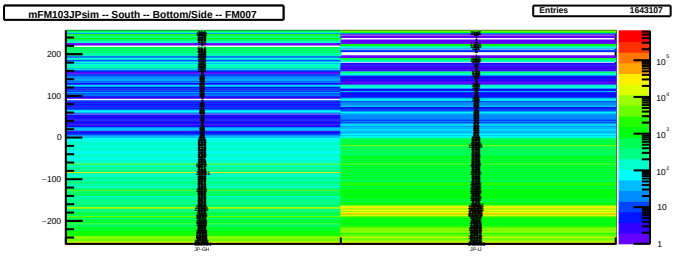
Entries 846227
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 2553124
JP-GH
JP-IJ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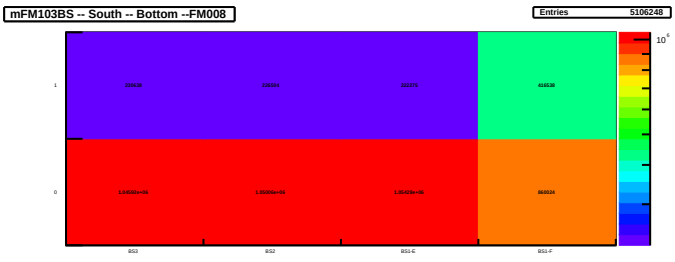
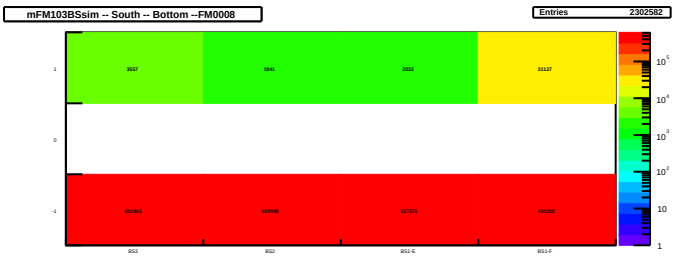
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 5106248
BS3
BS2
BS1-E
BS1-F


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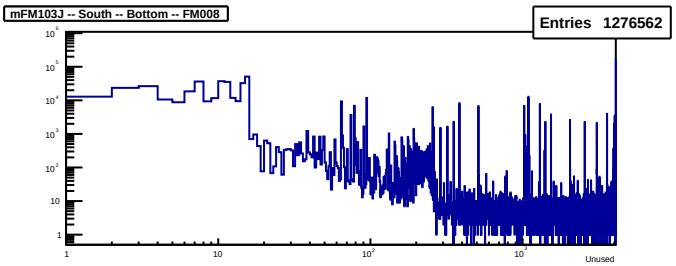
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 1276562
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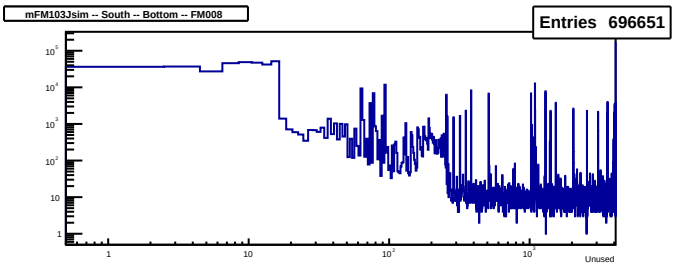
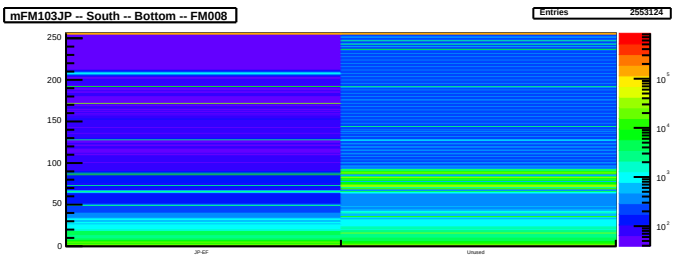

mFM103Jsim -- South -- Bottom -- FM008
Entries 696651
Unused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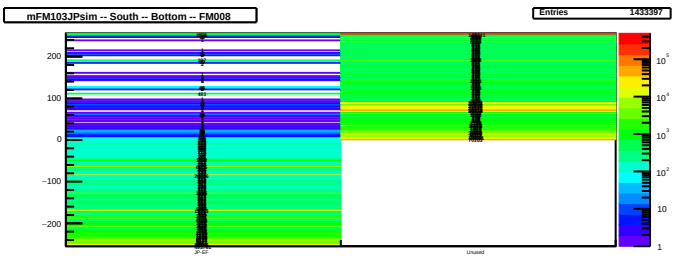
Entries 2553124
JP-EF
Unused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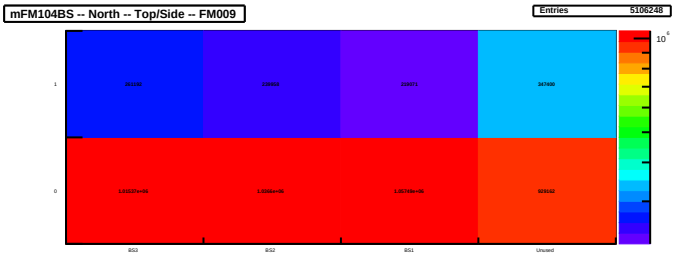
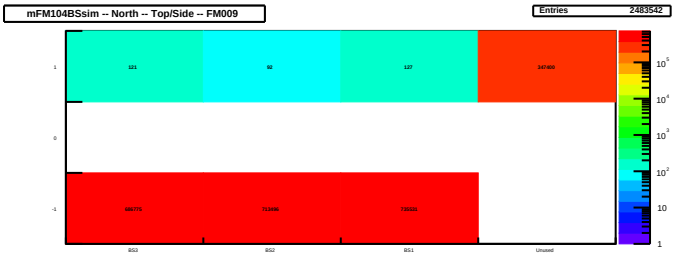
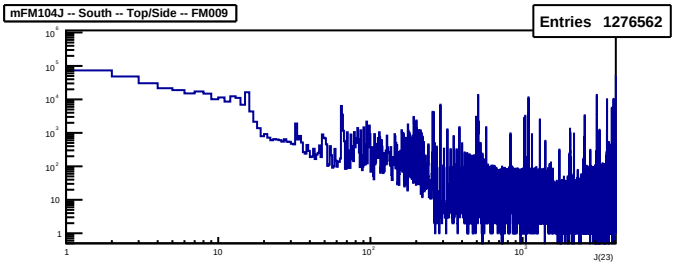
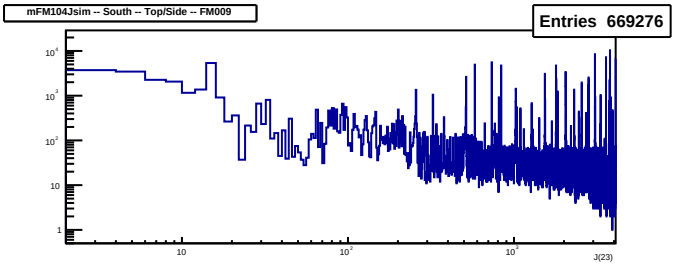
Entries 1433397
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 5106248


mFM104BSsim -- North -- Top/Side -- FM009
Entries 2483542


mFM104J -- South -- Top/Side -- FM009
Entries 1276562
J(23)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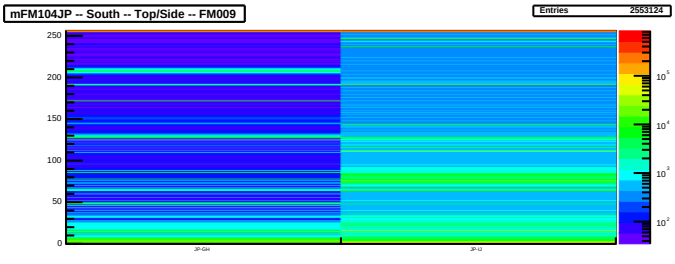
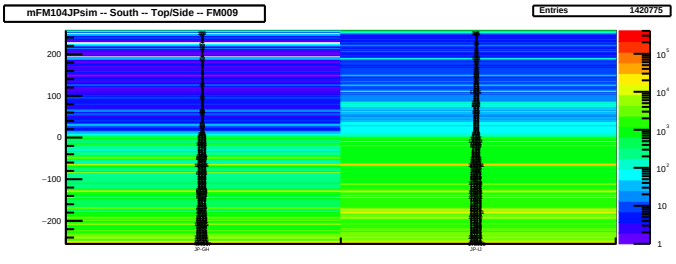
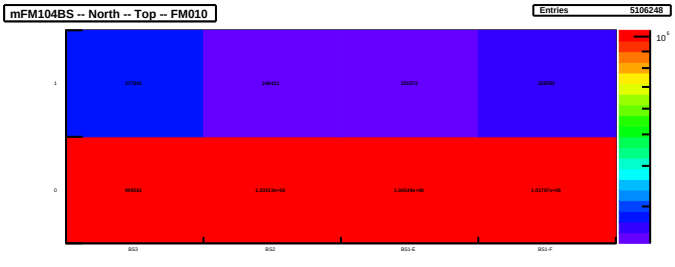
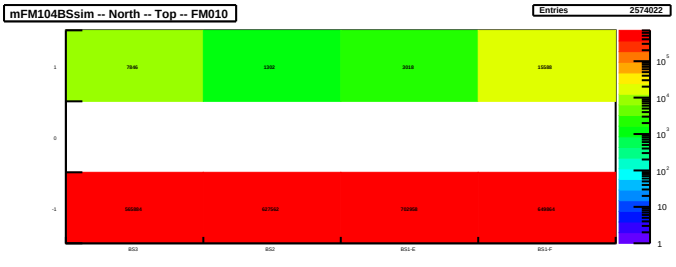
Entries 669276
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 2553124


mFM104JPsim -- South -- Top/Side -- FM009
Entries 1420775


mFM104BS -- North -- Top -- FM010
Entries 5106248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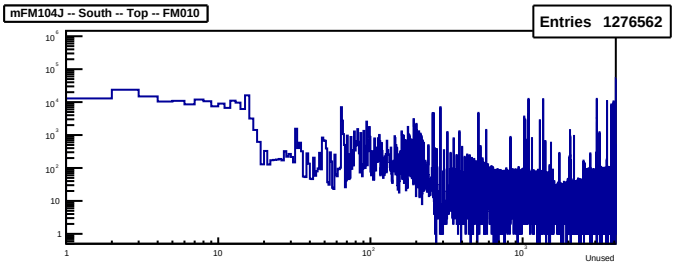
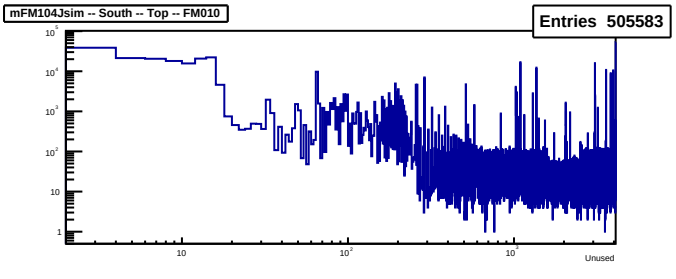
Entries 2574022


mFM104J -- South -- Top -- FM010
Entries 1276562
Unused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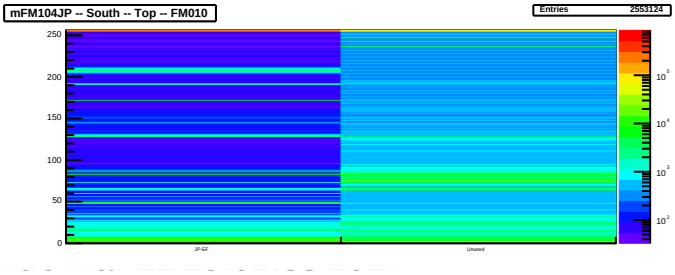
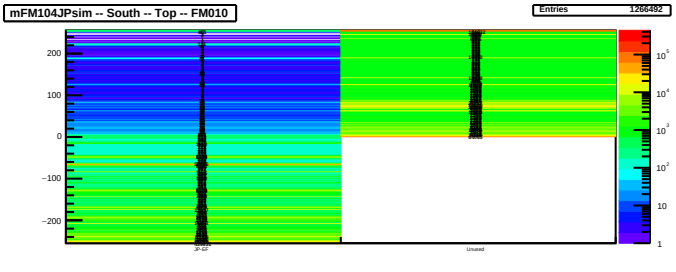
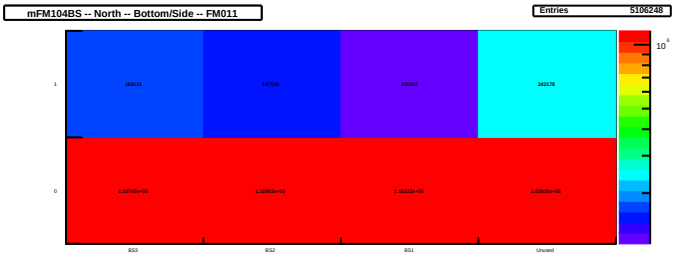
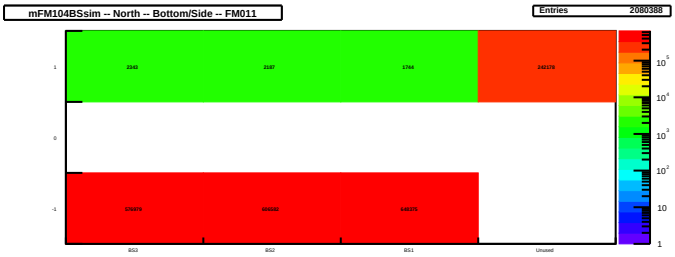
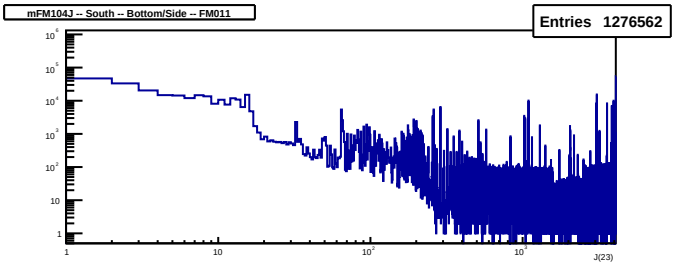
Entries 505583
Unused

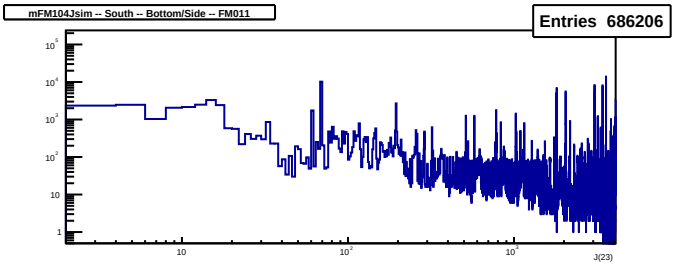

mFM104JP -- South -- Top -- FM010
Entries 2553124

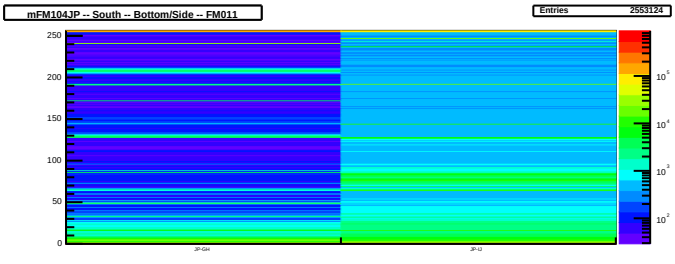

mFM104JPsim -- South -- Top -- FM010
Entries 1266492

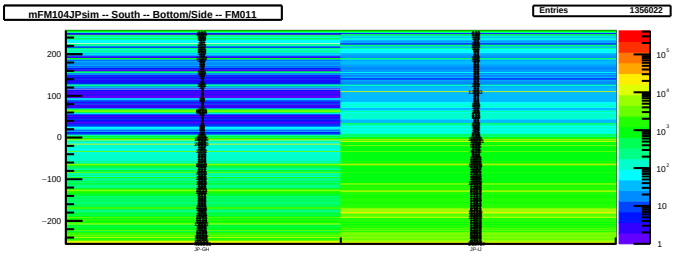

mFM104BS -- North -- Bottom/Side -- FM011
Entries 5106248
BS3
BS2
BS1
Unused

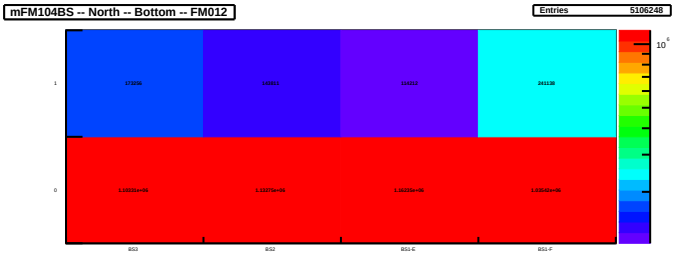

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2080388
BS3
BS2
BS1
Unused

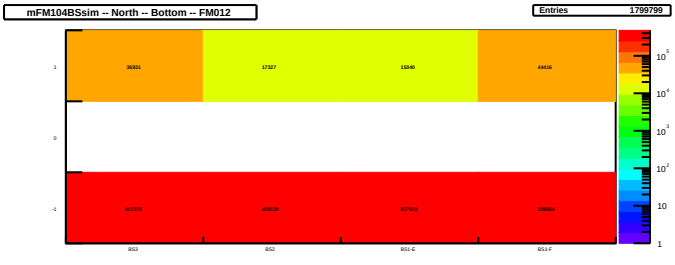

mFM104J -- South -- Bottom/Side -- FM011
Entries 1276562
J(23)

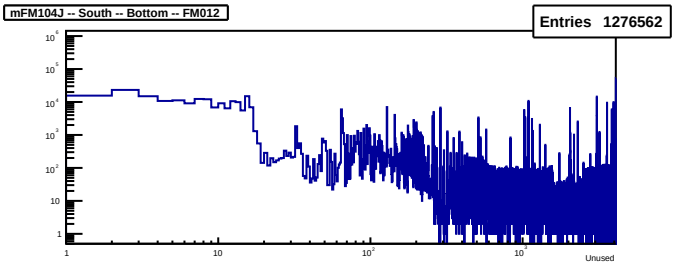

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 686206
J(23)

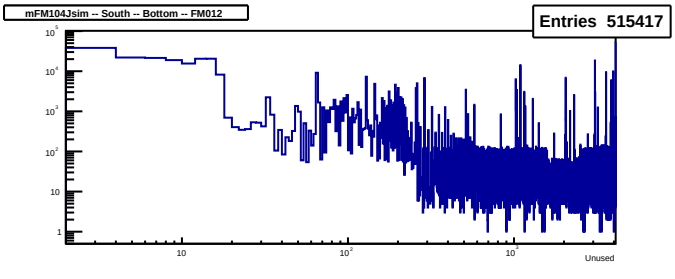

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2553124

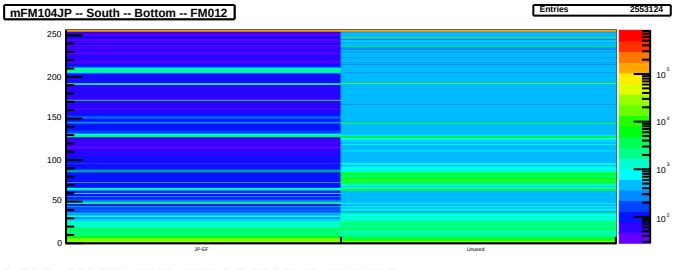

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1356022

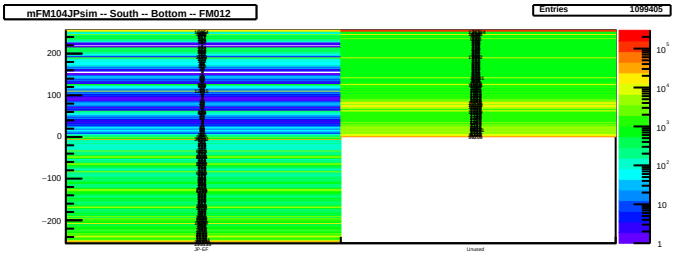

mFM104BS -- North -- Bottom -- FM012
Entries 5106248
BS3
BS2
BS1-E
BS1-F

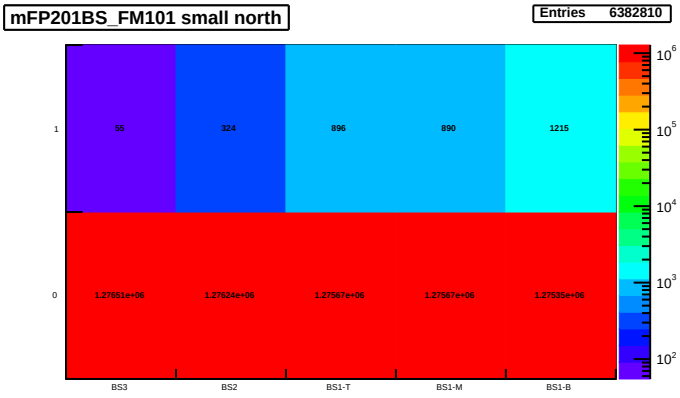

mFM104BSsim -- North -- Bottom -- FM012
Entries 1799799
BS3
BS2
BS1-E
BS1-F

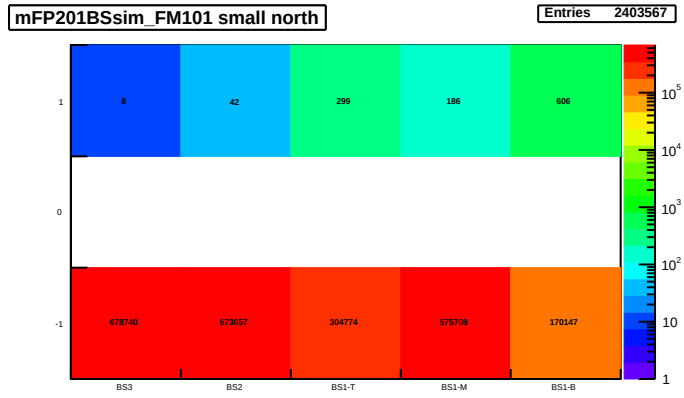

mFM104J -- South -- Bottom -- FM012
Entries 1276562
Unused

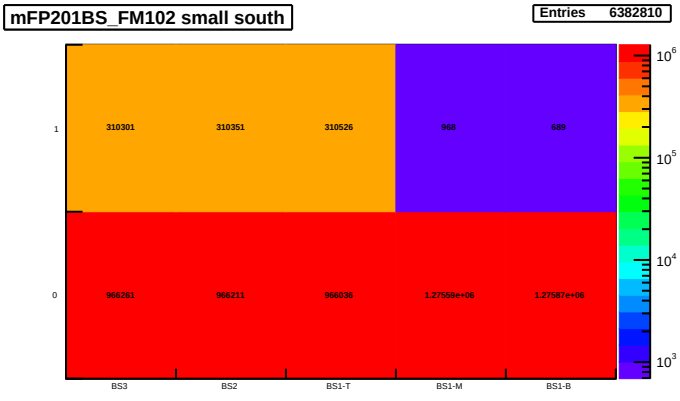

mFM104Jsim -- South -- Bottom -- FM012
Entries 515417
Unused

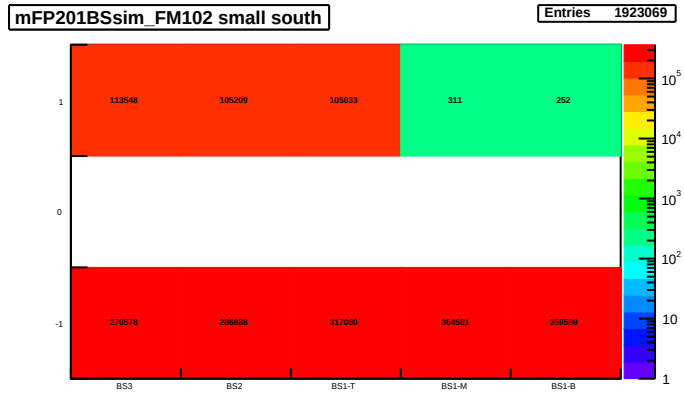

mFM104JP -- South -- Bottom -- FM012
Entries 2553124
Unused

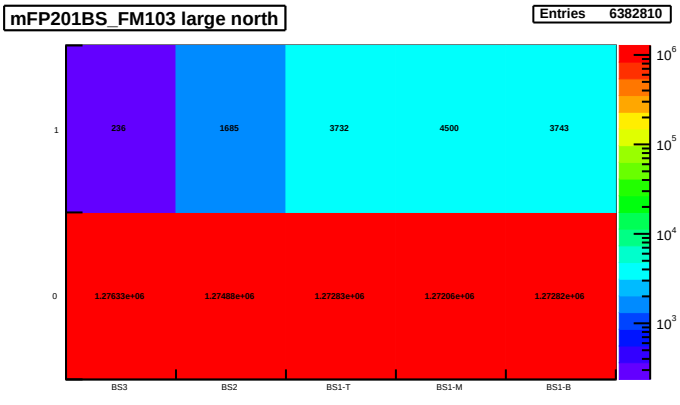

mFM104JPsim -- South -- Bottom -- FM012
Entries 1099405
Unused

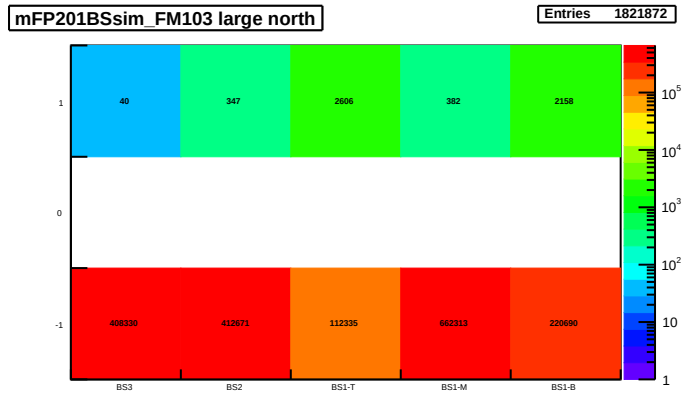

mFP201BS_FM101 small north
Entries 6382810
55
324
896
890
1215
1.27651e+06
1.27624e+06
1.27567e+06
1.27567e+06
1.27535e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

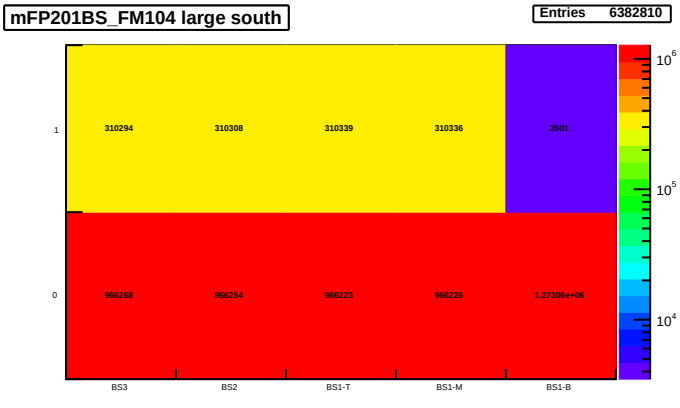

mFP201BSsim_FM101 small north
Entries 2403567
8
42
299
186
606
678740
673057
304774
575708
170147
BS3
BS2
BS1-T
BS1-M
BS1-B

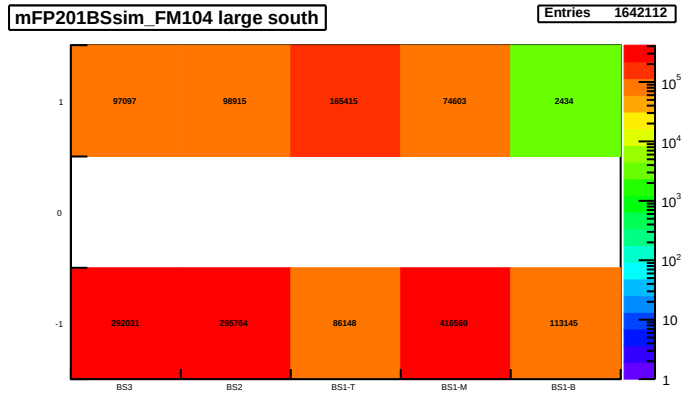

mFP201BS_FM102 small south
Entries 6382810
310301
310351
310526
968
689
966261
966211
966036
1.27559e+06
1.27587e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

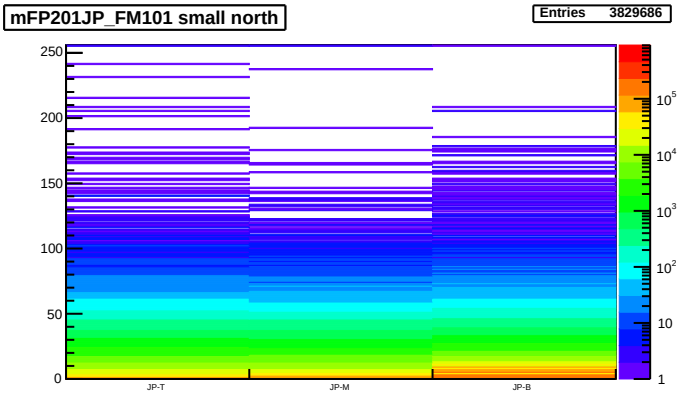

mFP201BSsim_FM102 small south
Entries 1923069
113548
105209
105033
311
252
270578
286888
317080
364581
359589
BS3
BS2
BS1-T
BS1-M
BS1-B

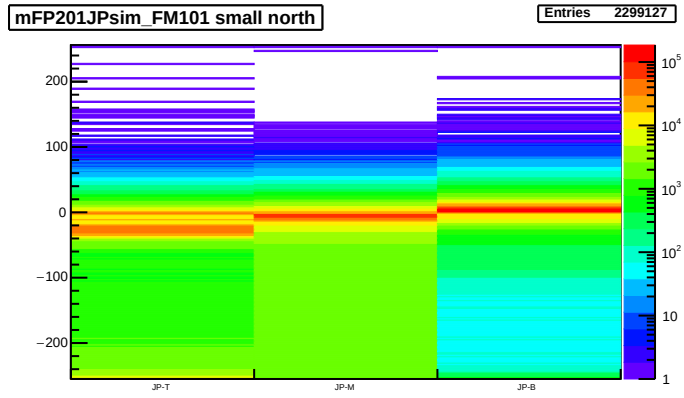

mFP201BS_FM103 large north
Entries 6382810
236
1685
3732
4500
3743
1.27633e+06
1.27488e+06
1.27283e+06
1.27206e+06
1.27282e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

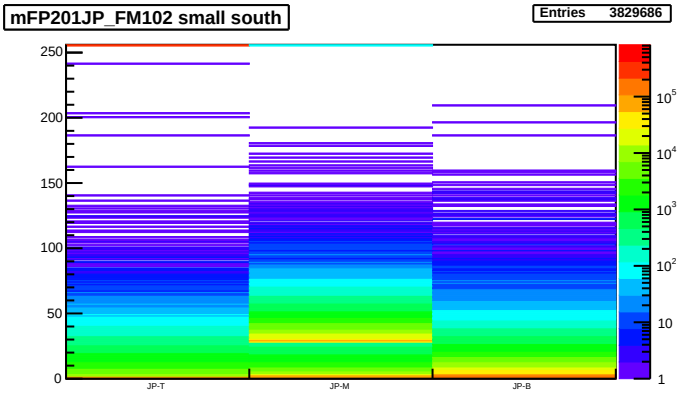

mFP201BSsim_FM103 large north
Entries 1821872
40
347
2606
382
2158
408330
412671
112335
662313
220690
BS3
BS2
BS1-T
BS1-M
BS1-B

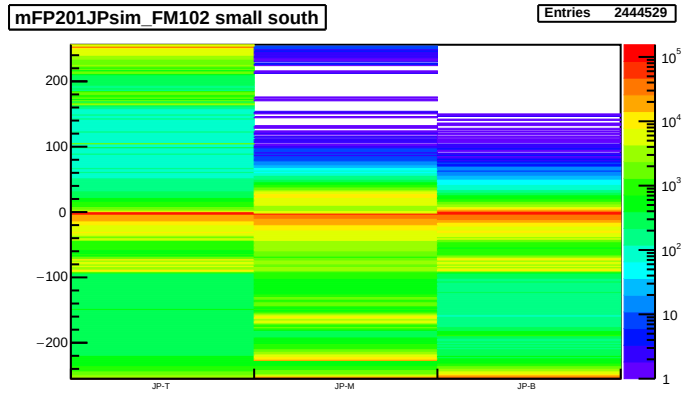

mFP201BS_FM104 large south
Entries 6382810
310294
310308
310339
310336
3501
966268
966254
966223
966226
1.27306e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

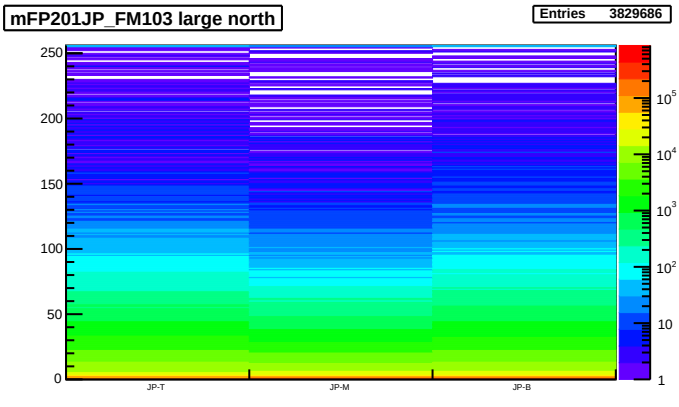

mFP201BSsim_FM104 large south
Entries 1642112
97097
98915
165415
74603
2434
292031
295764
86148
416560
113145
BS3
BS2
BS1-T
BS1-M
BS1-B

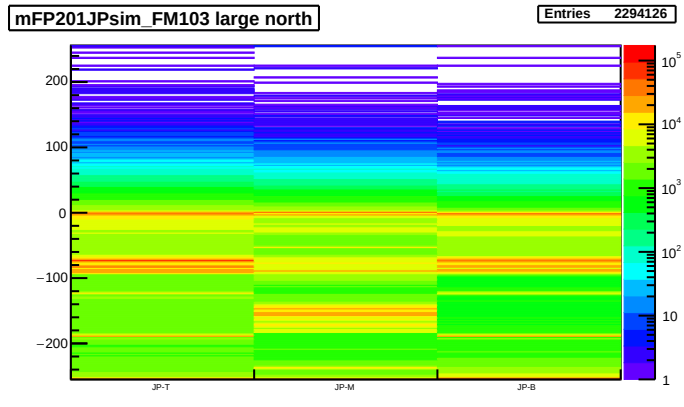

mFP201JP_FM101 small north
Entries 3829686
JP-T
JP-M
JP-B

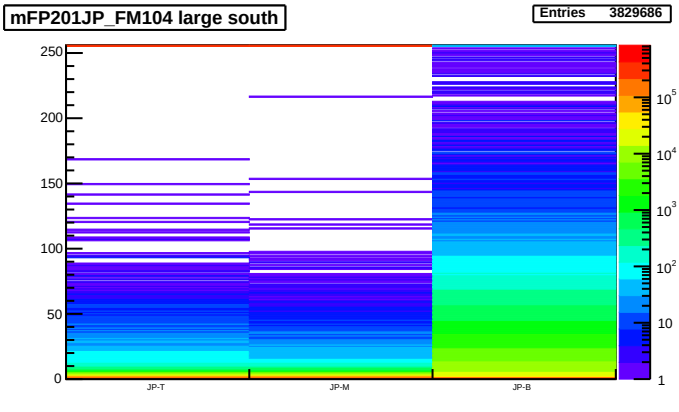

mFP201JPsim_FM101 small north
Entries 2299127
JP-T
JP-M
JP-B

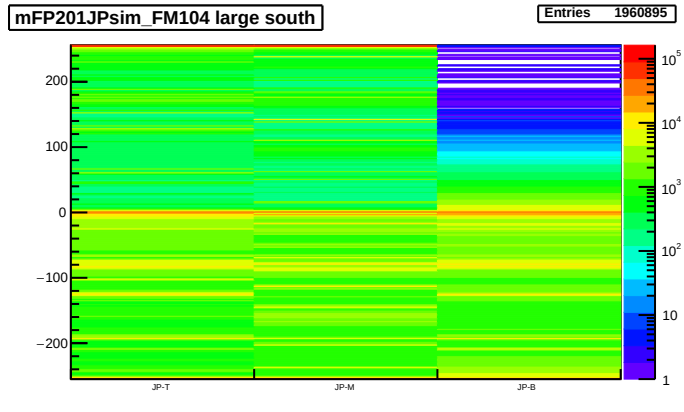

mFP201JP_FM102 small south
Entries 3829686
JP-T
JP-M
JP-B

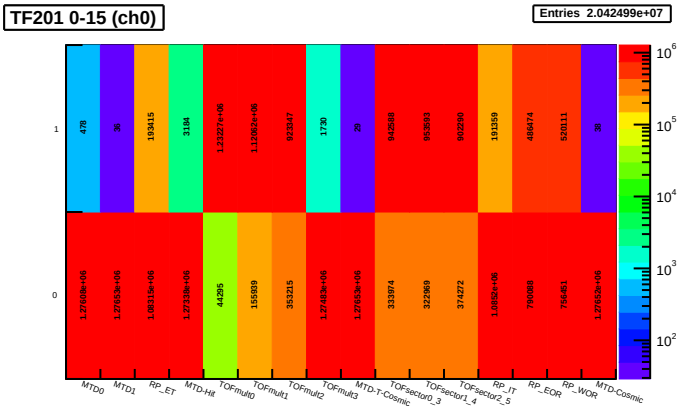

mFP201JPsim_FM102 small south
Entries 2444529
JP-T
JP-M
JP-B

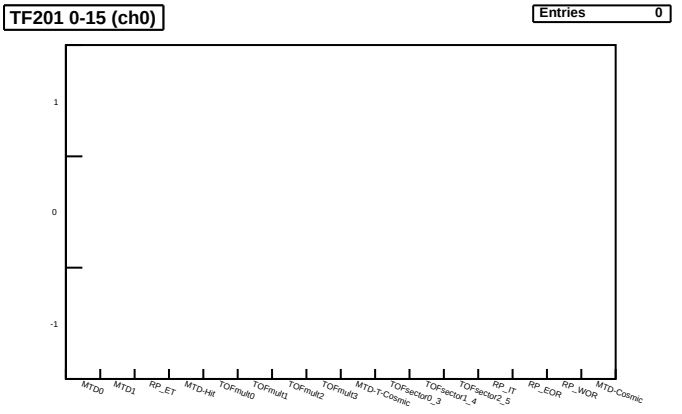

mFP201JP_FM103 large north
Entries 3829686
JP-T
JP-M
JP-B

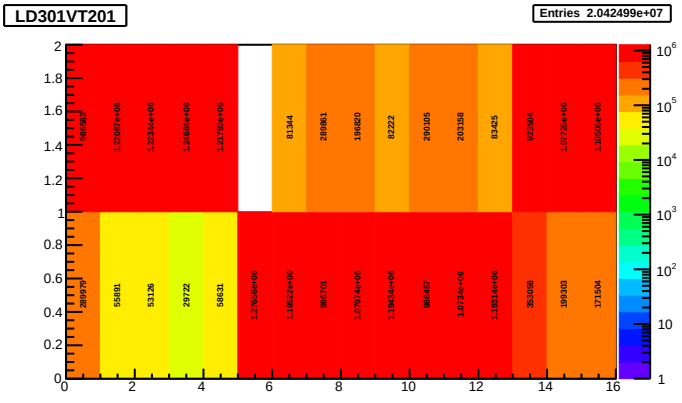

mFP201JPsim_FM103 large north
Entries 2294126
JP-T
JP-M
JP-B

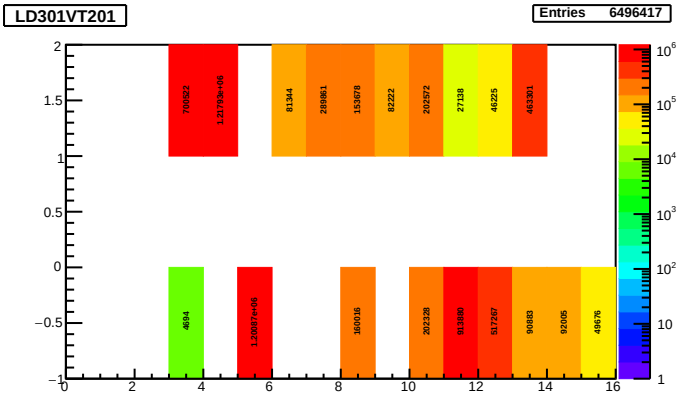

mFP201JP_FM104 large south
Entries 3829686
JP-T
JP-M
JP-B

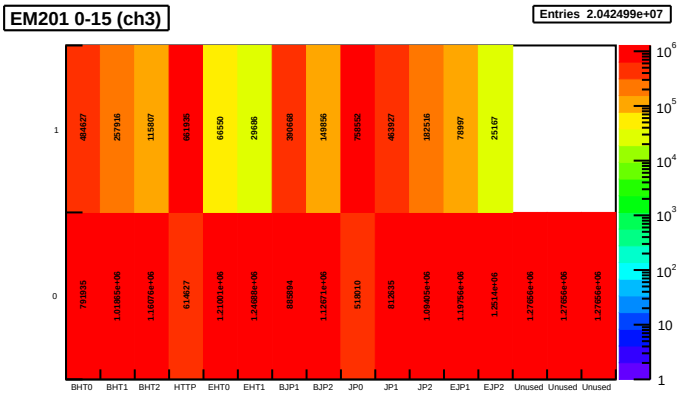

mFP201JPsim_FM104 large south
Entries 1960895
JP-T
JP-M
JP-B

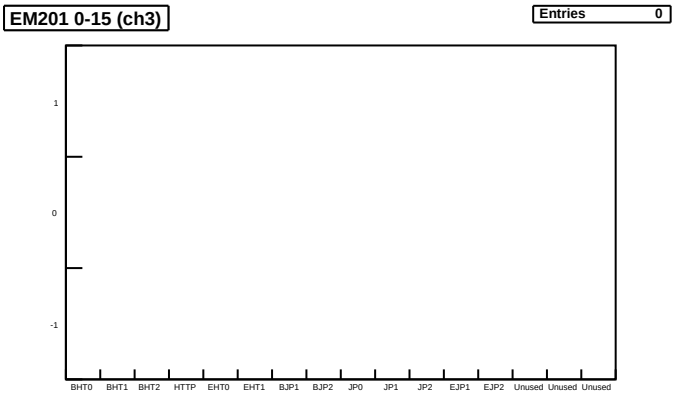

TF201 0-15 (ch0)
Entries 2.042499e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

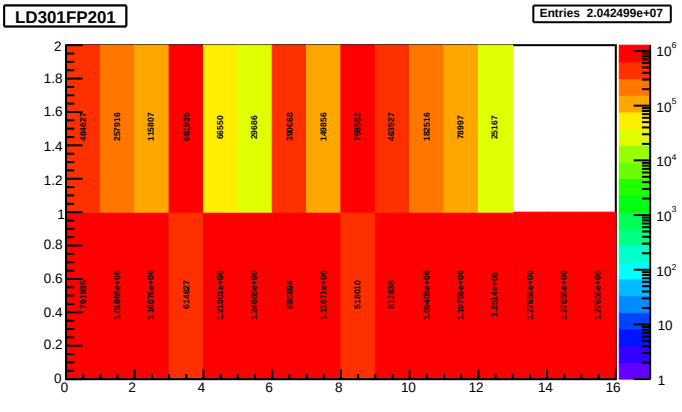

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

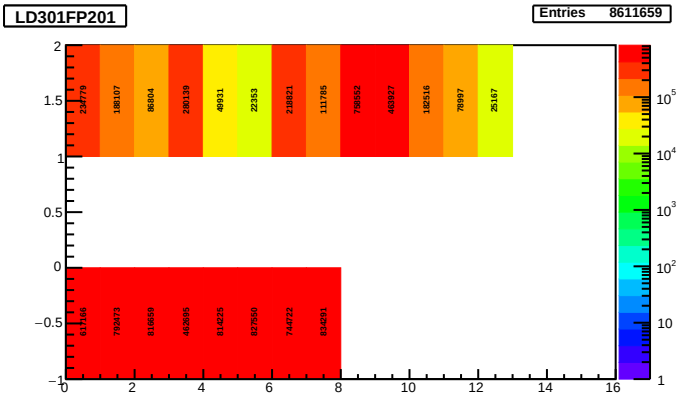

LD301VT201
Entries 2.042499e+07


LD301VT201
Entries 6496417


EM201 0-15 (ch3)
Entries 2.042499e+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 2.042499e+07


LD301FP201
Entries 8611659