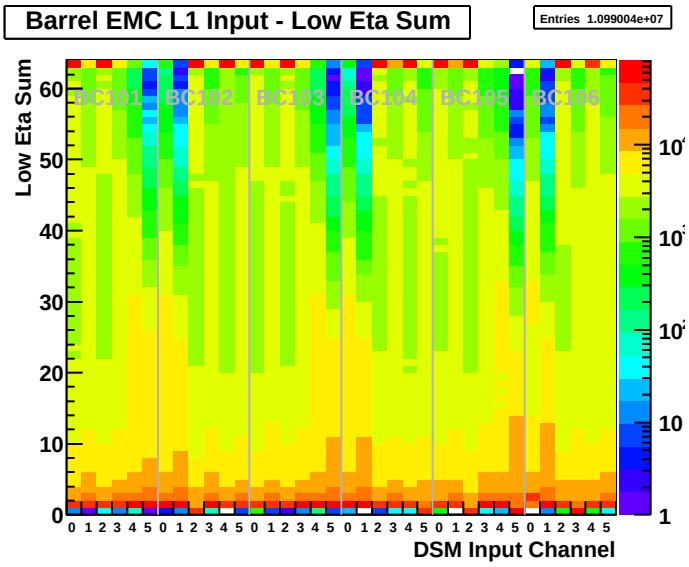
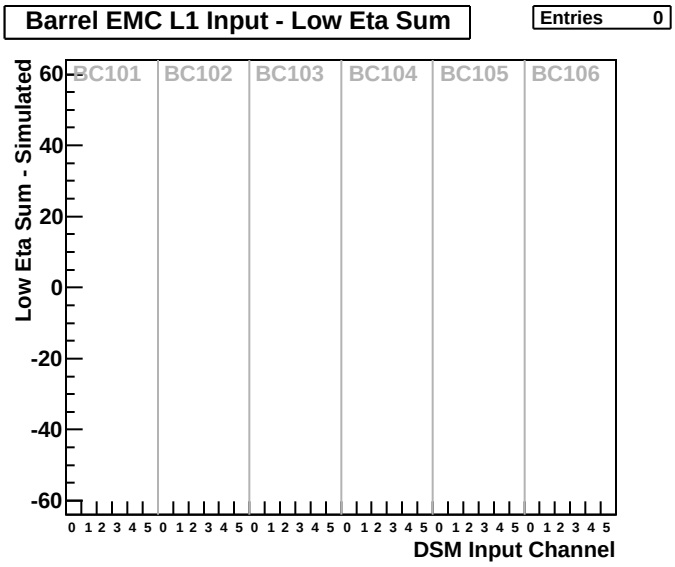
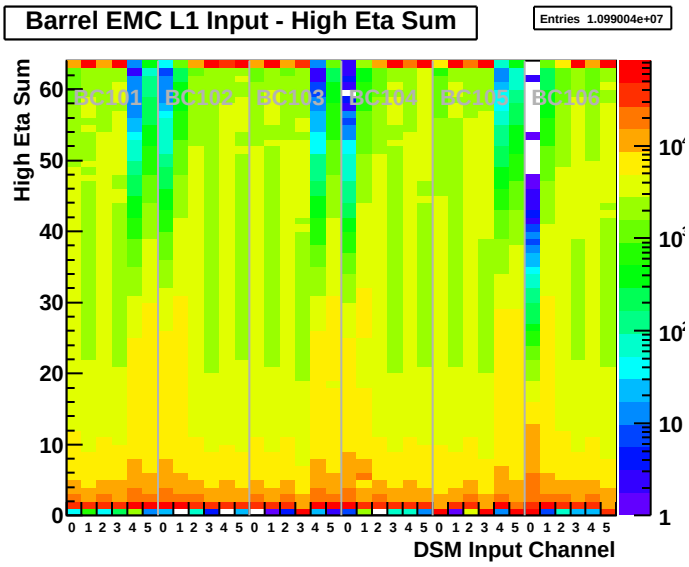
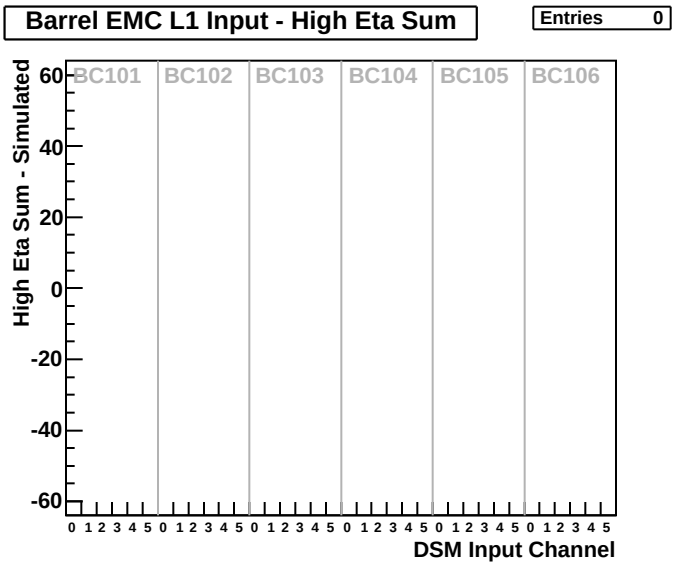
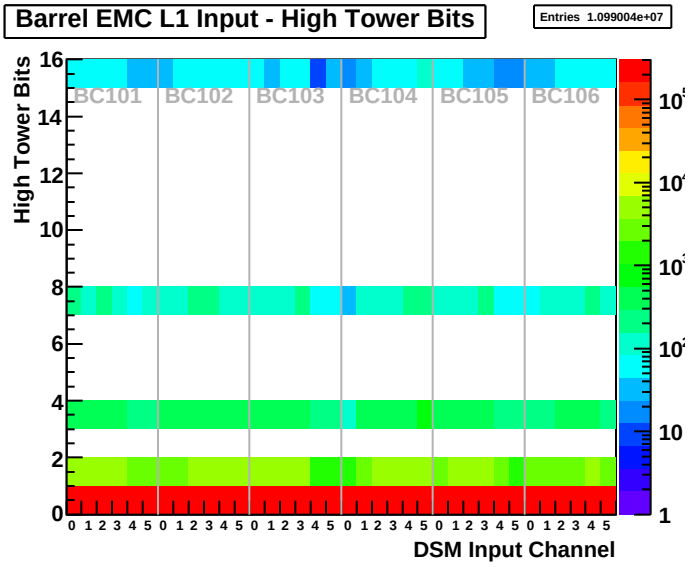
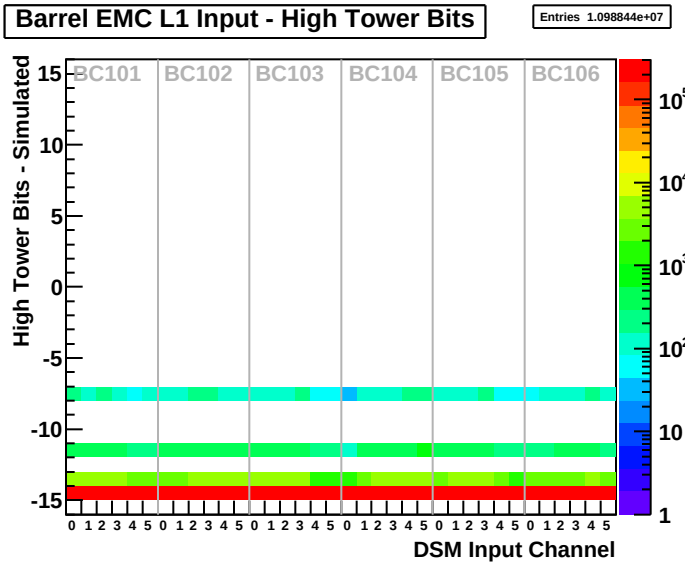

Barrel EMC L1 Input - Low Eta Sum
Entries 1.099004e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

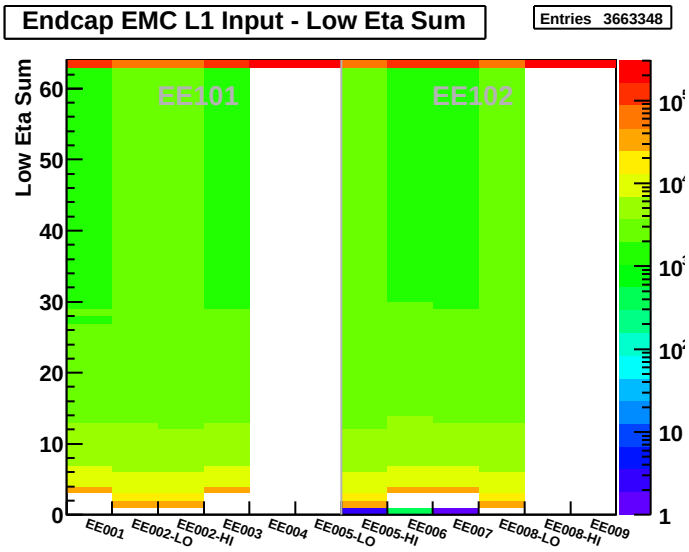

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

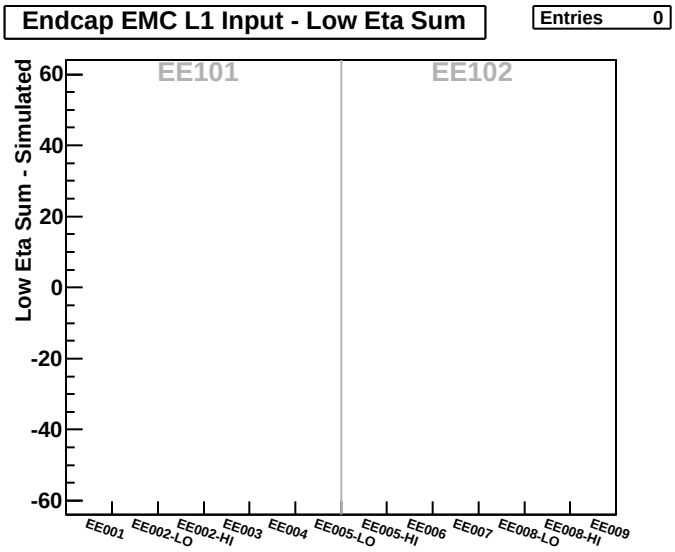

Barrel EMC L1 Input - High Eta Sum
Entries 1.099004e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

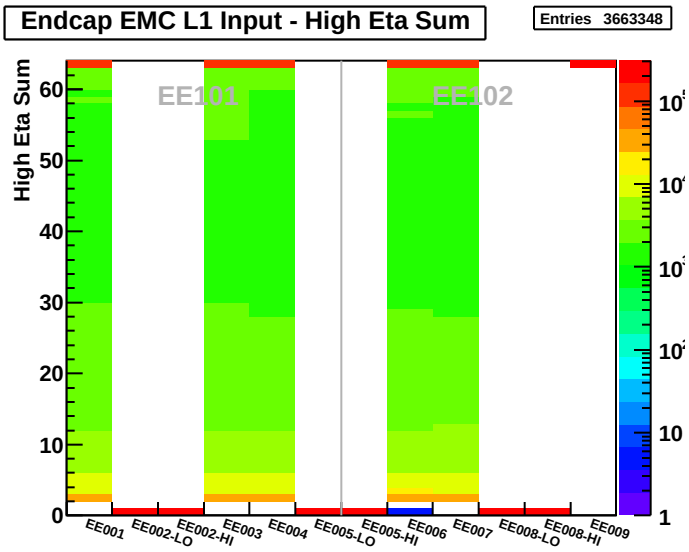

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

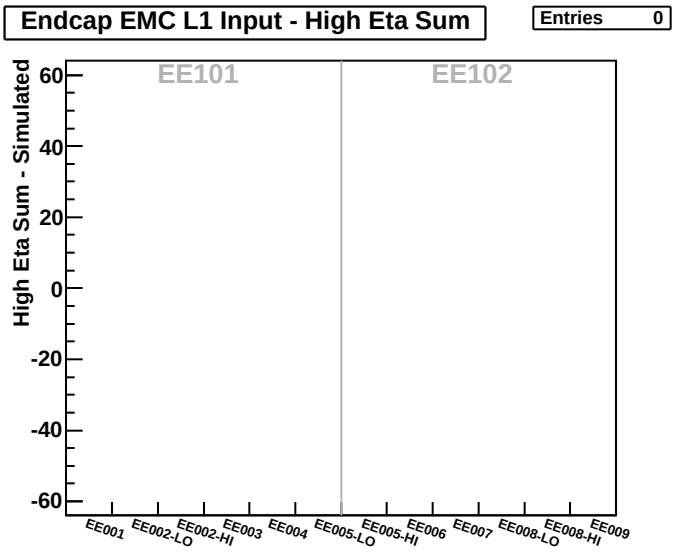

Barrel EMC L1 Input - High Tower Bits
Entries 1.099004e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

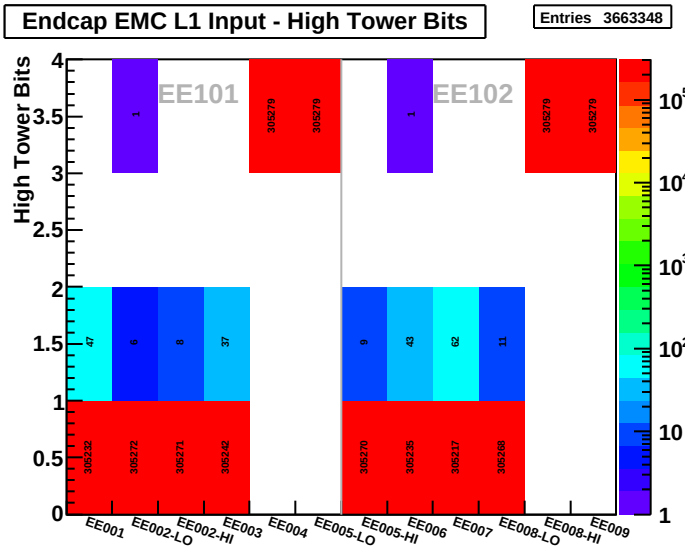

Barrel EMC L1 Input - High Tower Bits
Entries 1.098844e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

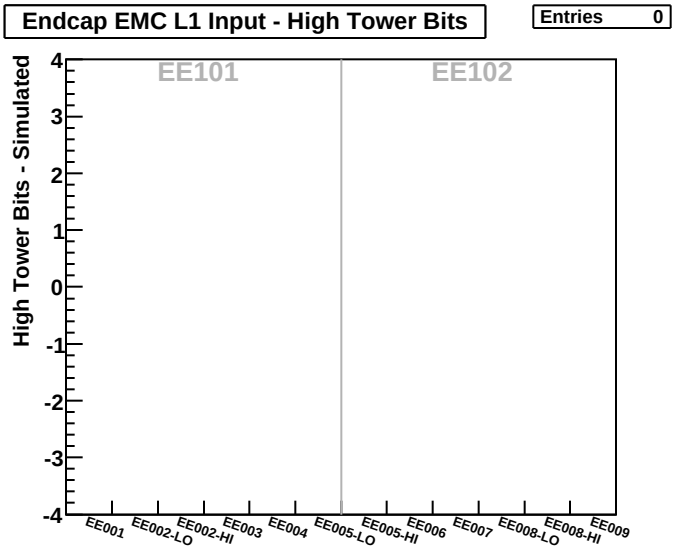

Endcap EMC L1 Input - Low Eta Sum
Entries 3663348
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

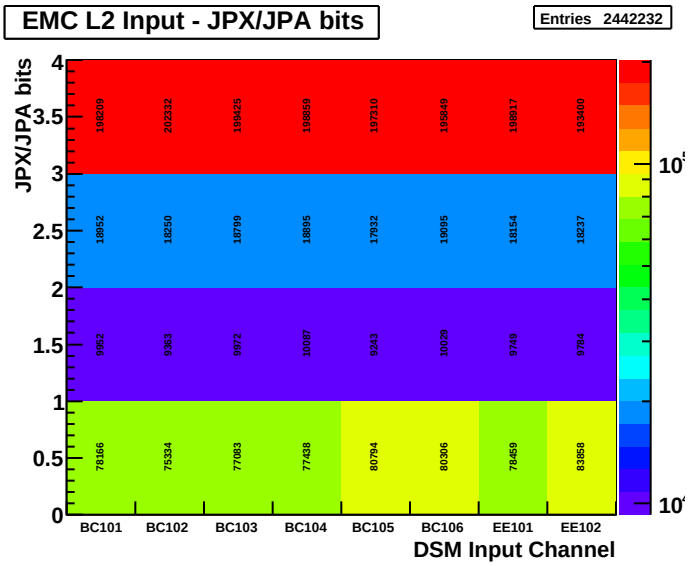

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

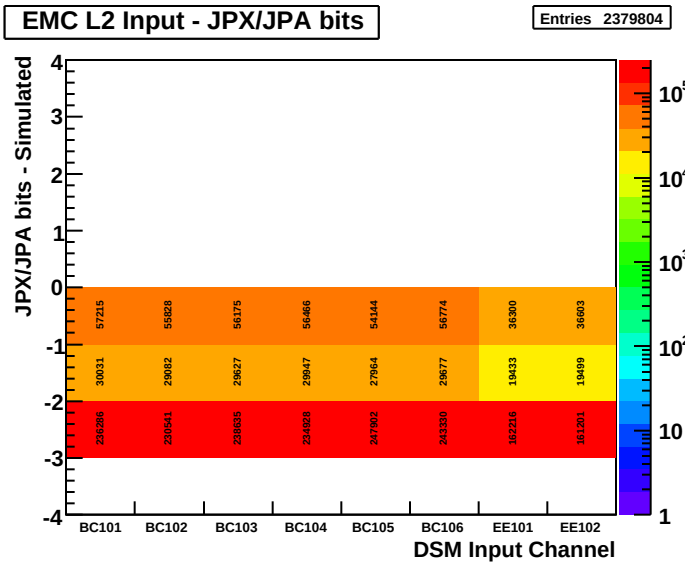

Endcap EMC L1 Input - High Eta Sum
Entries 3663348
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

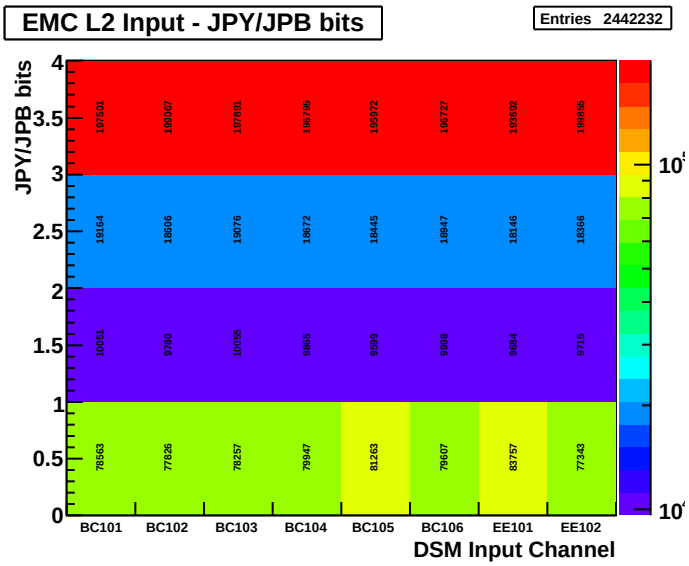

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

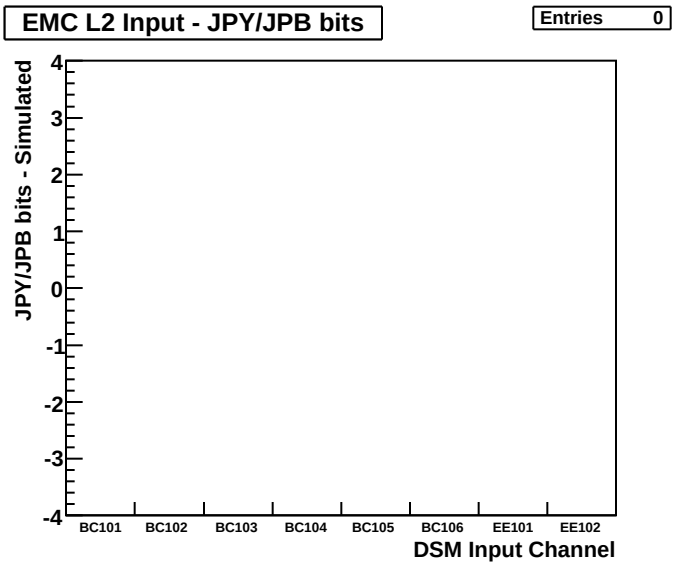

Endcap EMC L1 Input - High Tower Bits
Entries 3663348
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

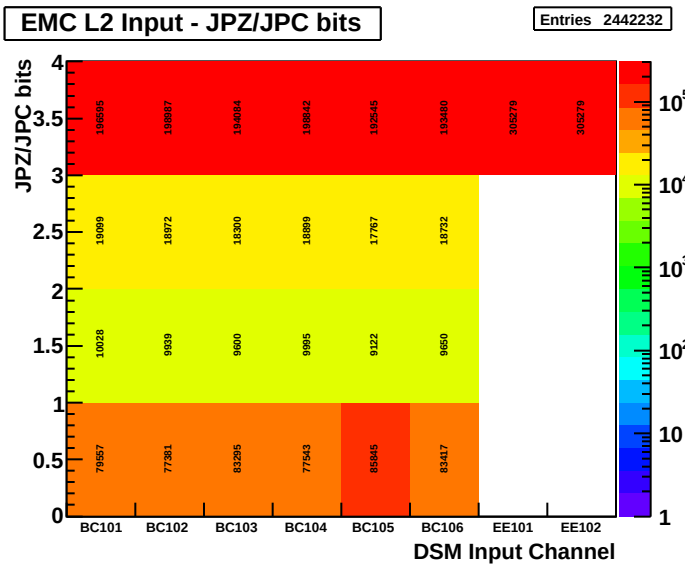

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

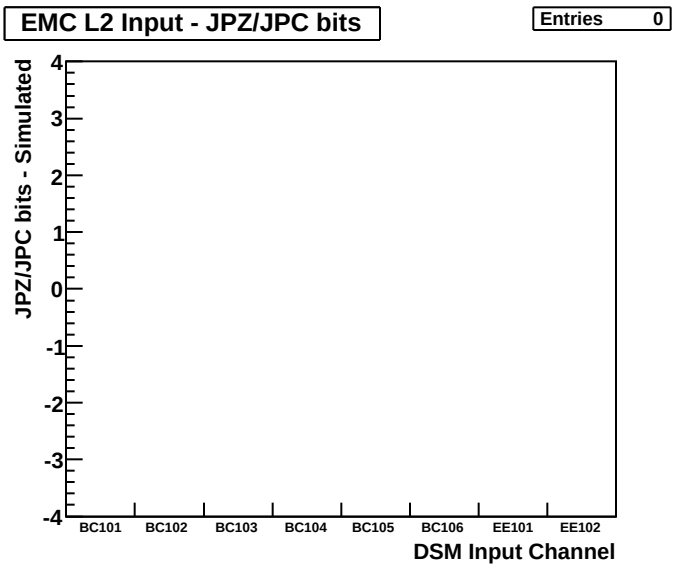

EMC L2 Input - JPX/JPA bits
Entries 2442232
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
198209 202232 199425 198859 197310 195849 199817 193400
18952 18250 18799 18895 17932 19095 18154 18237
9552 9363 9372 10067 9243 10029 9749 9784
78166 75334 77083 77438 80794 80306 78459 83858

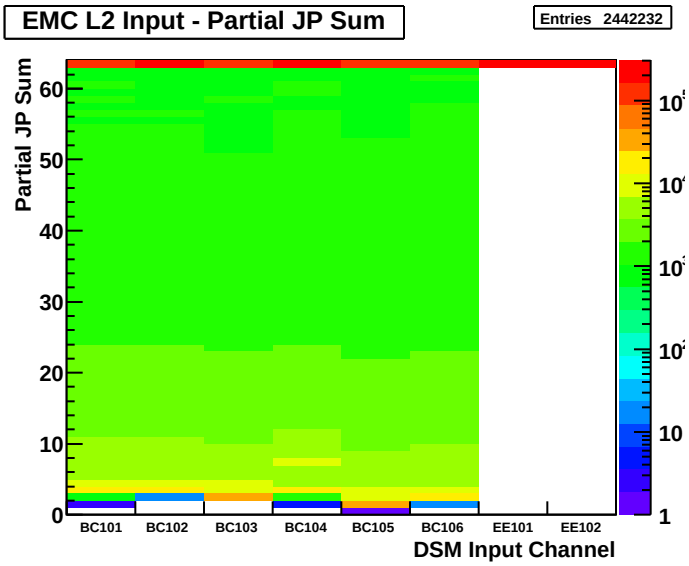

EMC L2 Input - JPX/JPA bits
Entries 2379804
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
57215 55828 56175 56466 54144 56774 36300 36603
30031 29082 29627 29947 27964 29677 19433 19499
236286 230541 238635 234928 247902 243330 162216 161201

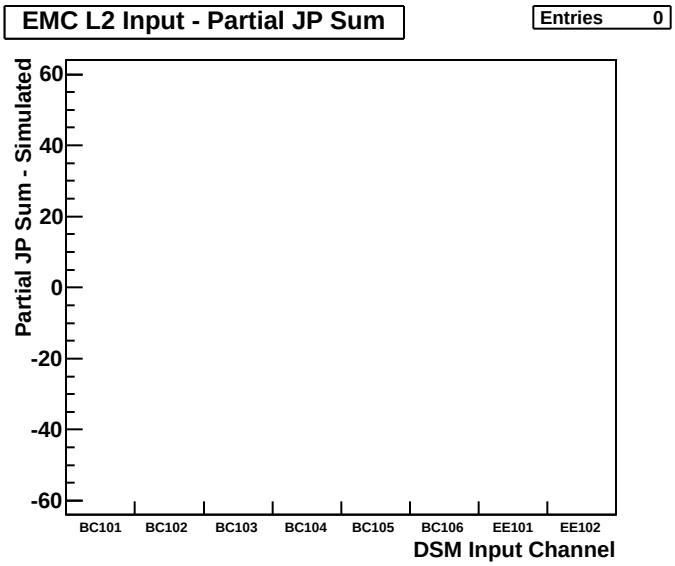

EMC L2 Input - JPY/JPB bits
Entries 2442232
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
197501 199067 197821 196795 195972 196727 193692 199855
19164 18506 19076 18672 19445 18947 19146 18366
10051 9760 10055 9855 9599 9998 9684 9715
78563 77826 78257 79947 81263 79607 83757 77343

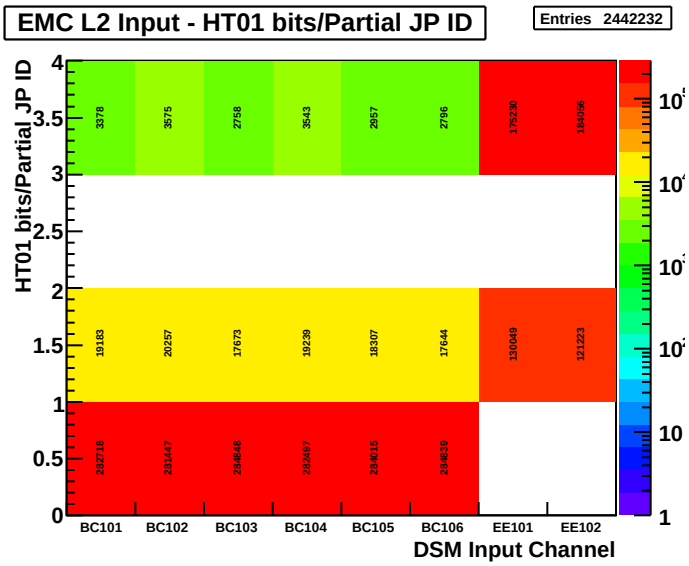

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

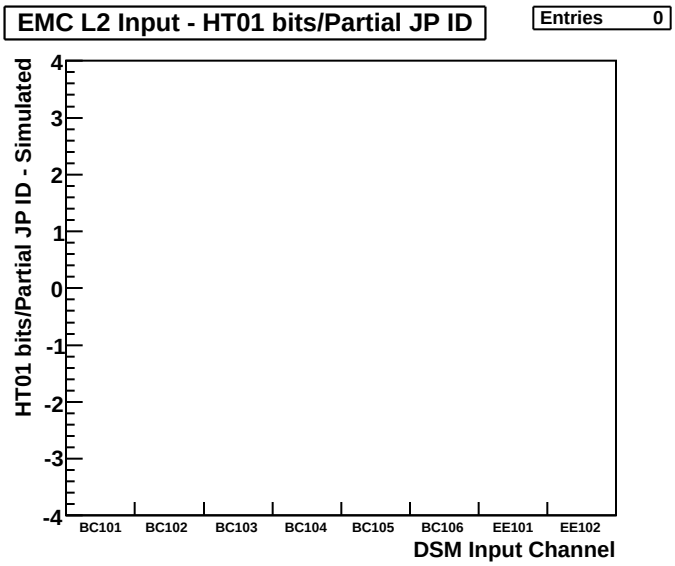

EMC L2 Input - JPZ/JPC bits
Entries 2442232
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
195595 198987 194084 198842 192545 193480 305279 305279
19099 18872 18300 18899 17767 18732
10028 9939 9600 9995 9122 9650
79557 77381 83295 77543 85845 83417

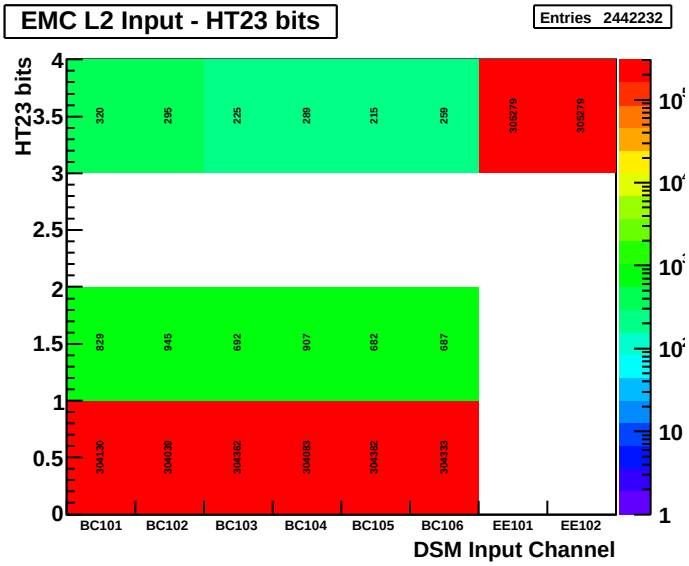

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

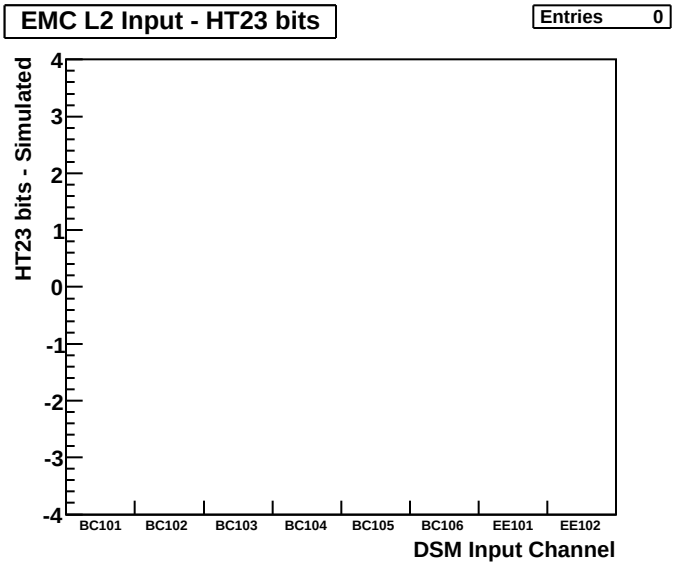

EMC L2 Input - Partial JP Sum
Entries 2442232
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

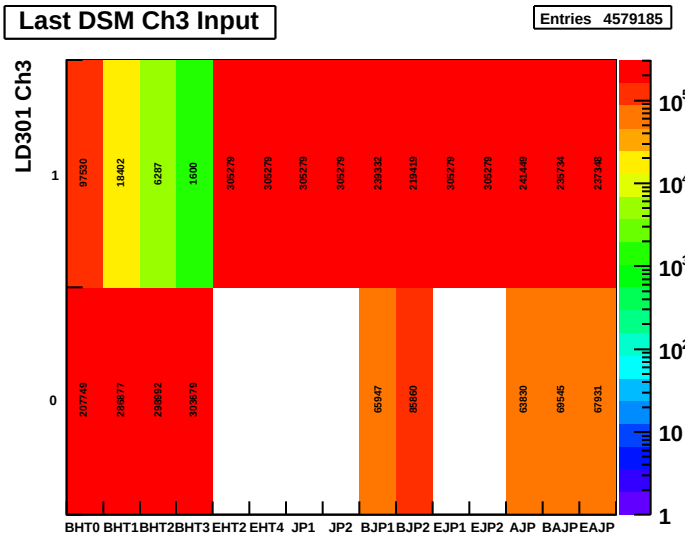

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

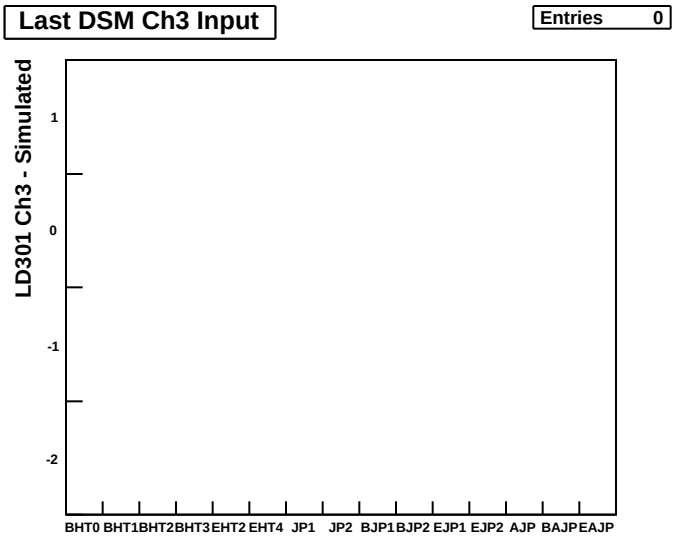

EMC L2 Input - HT01 bits/Partial JP ID
Entries 2442232
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

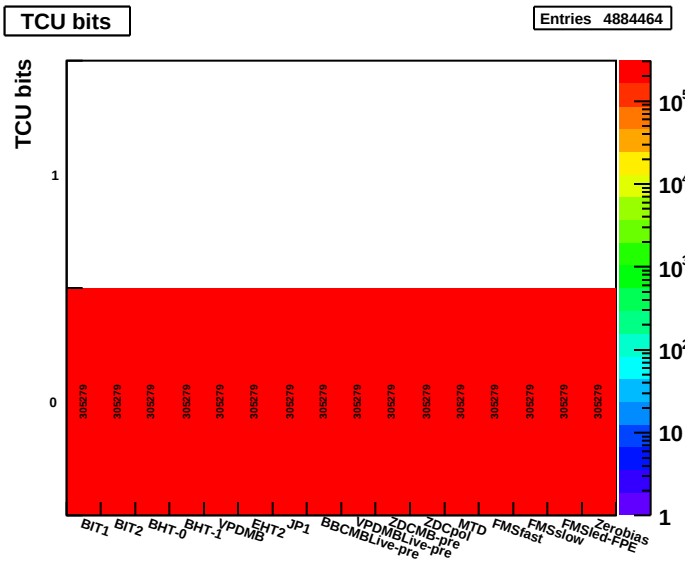

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

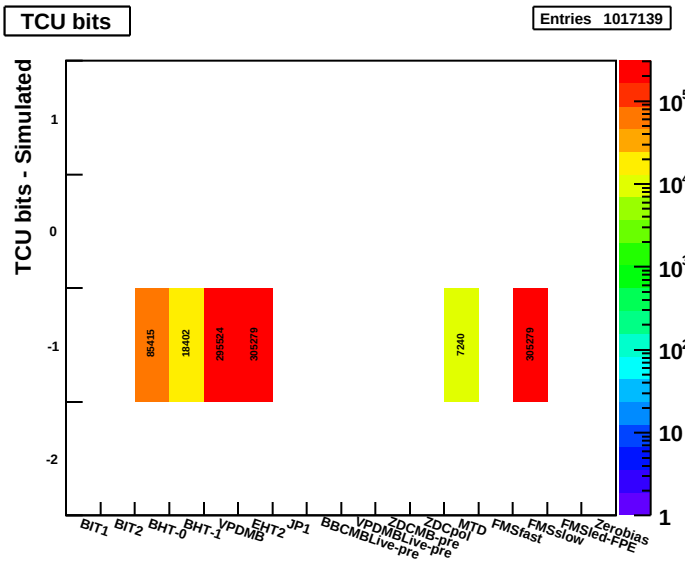

EMC L2 Input - HT23 bits
Entries 2442232
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

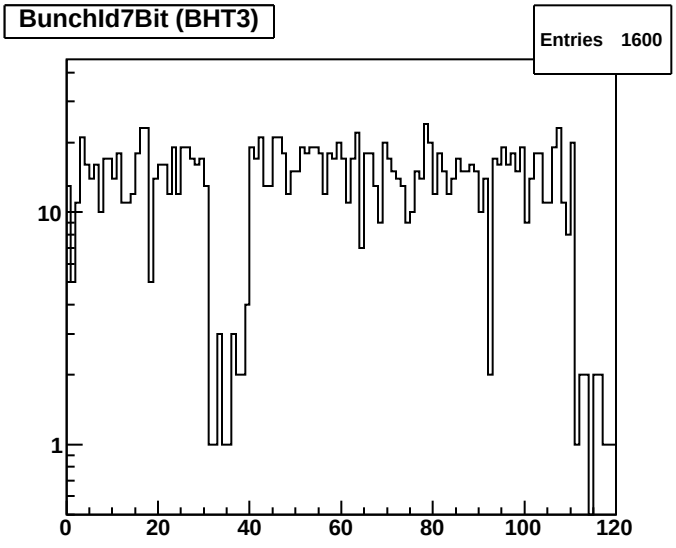

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

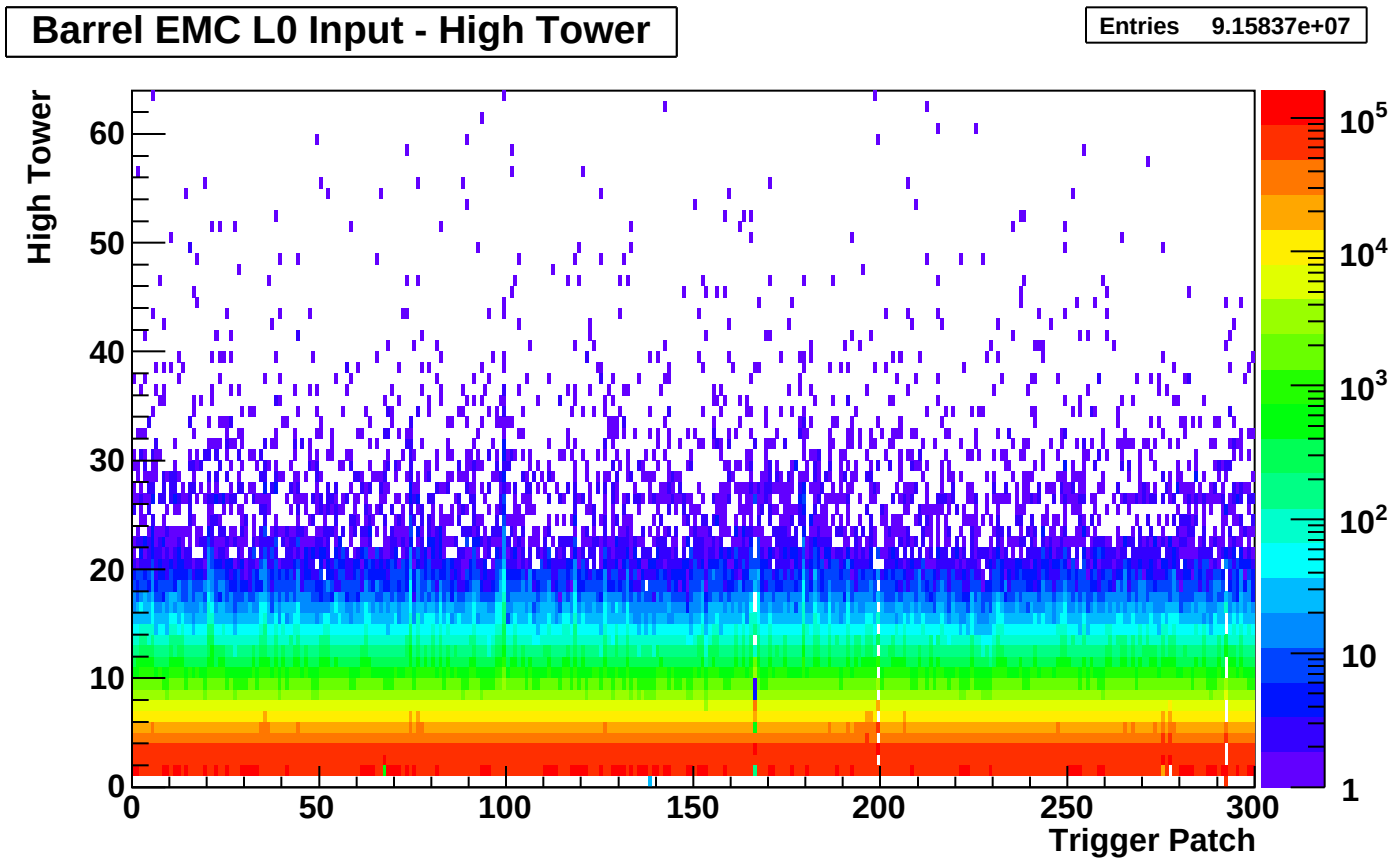

Last DSM Ch3 Input
Entries 4579185
LD301 Ch3
1
0
97530
18402
6287
1600
305279
305279
305279
305279
239332
219419
305279
305279
241449
235734
237348
207749
286877
298992
303679
65947
85860
63830
69545
67931
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP
1

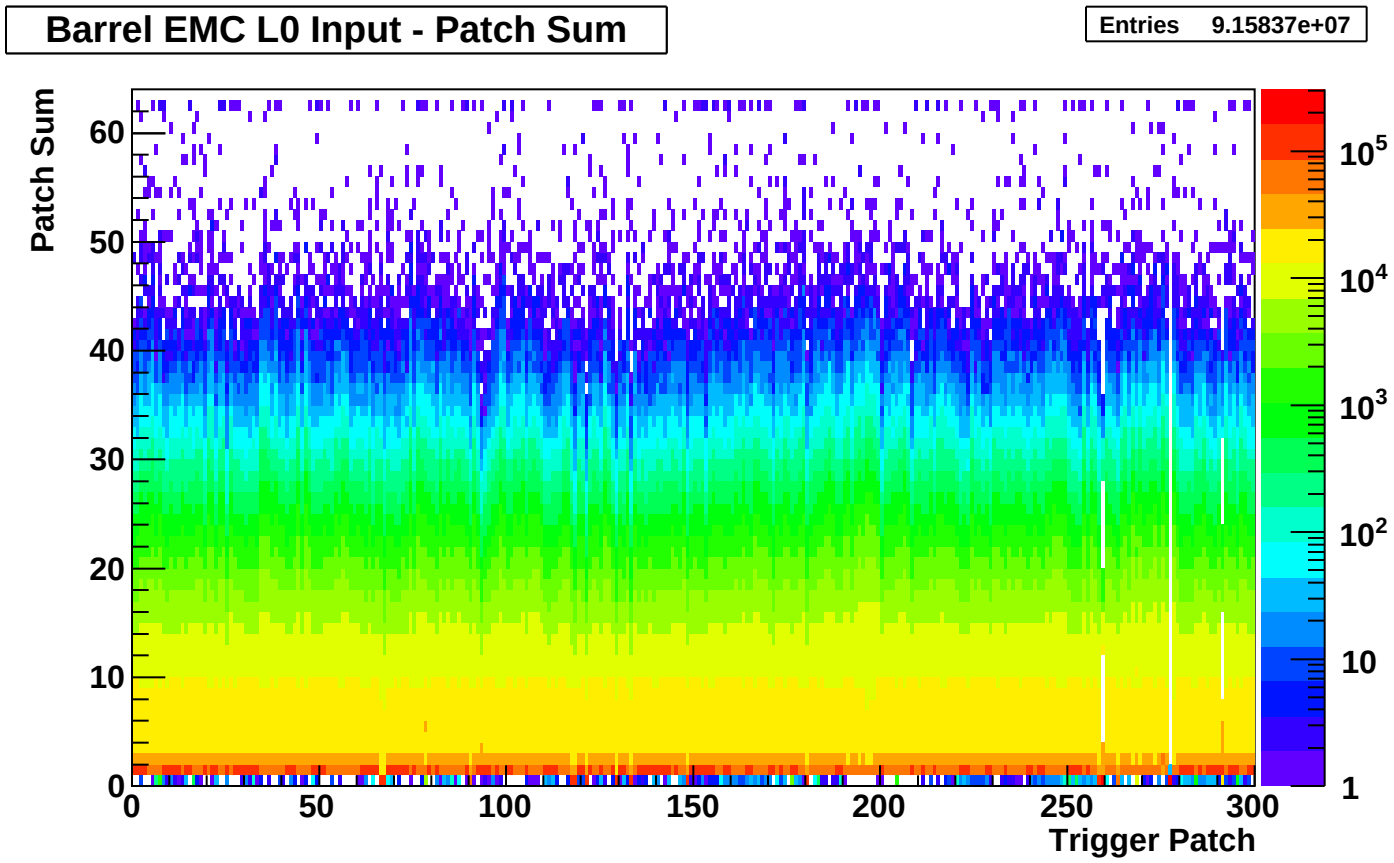

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
1
0
-1
-2
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

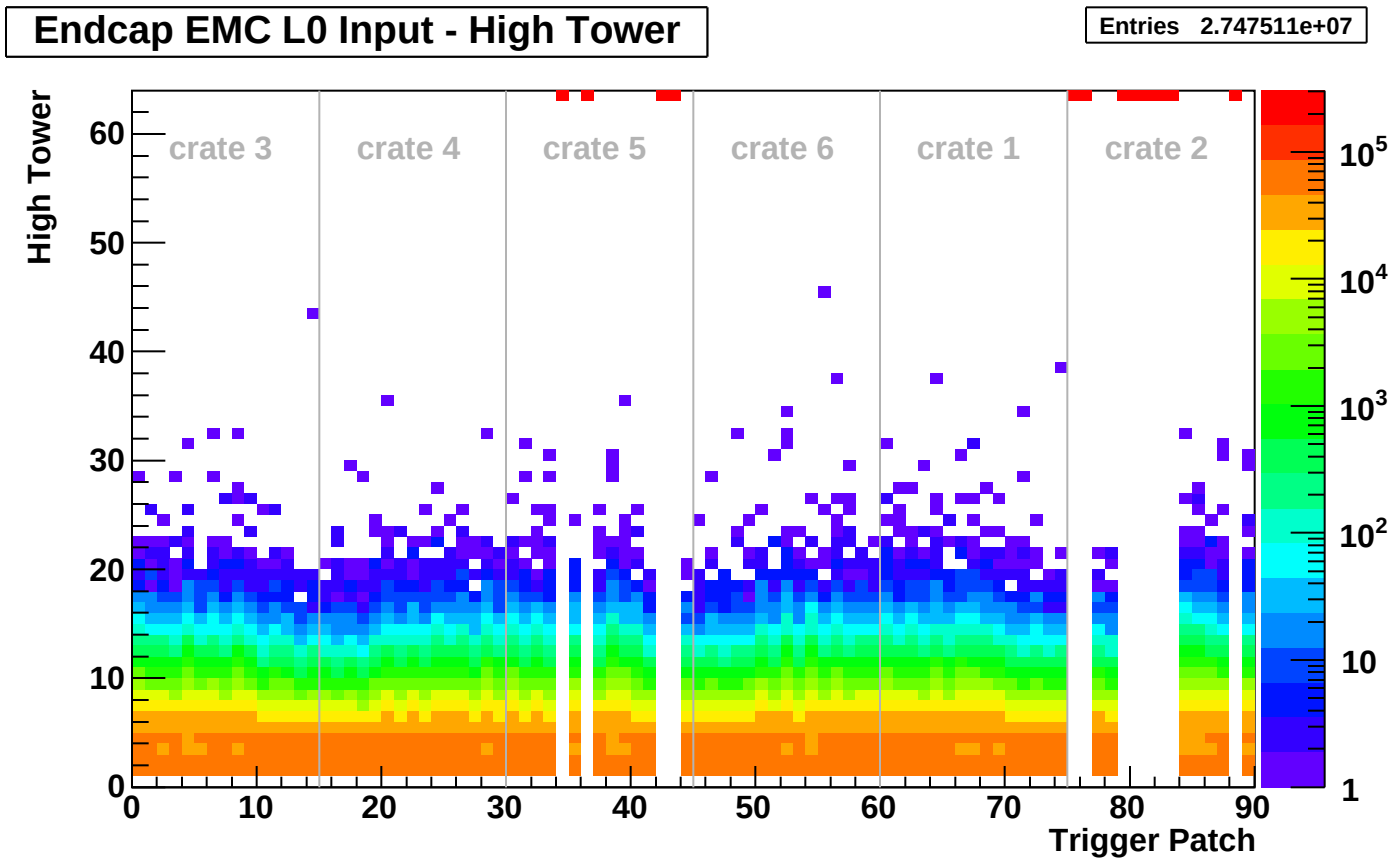

TCU bits
Entries 4884464
TCU bits
1
0
305279
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias
1

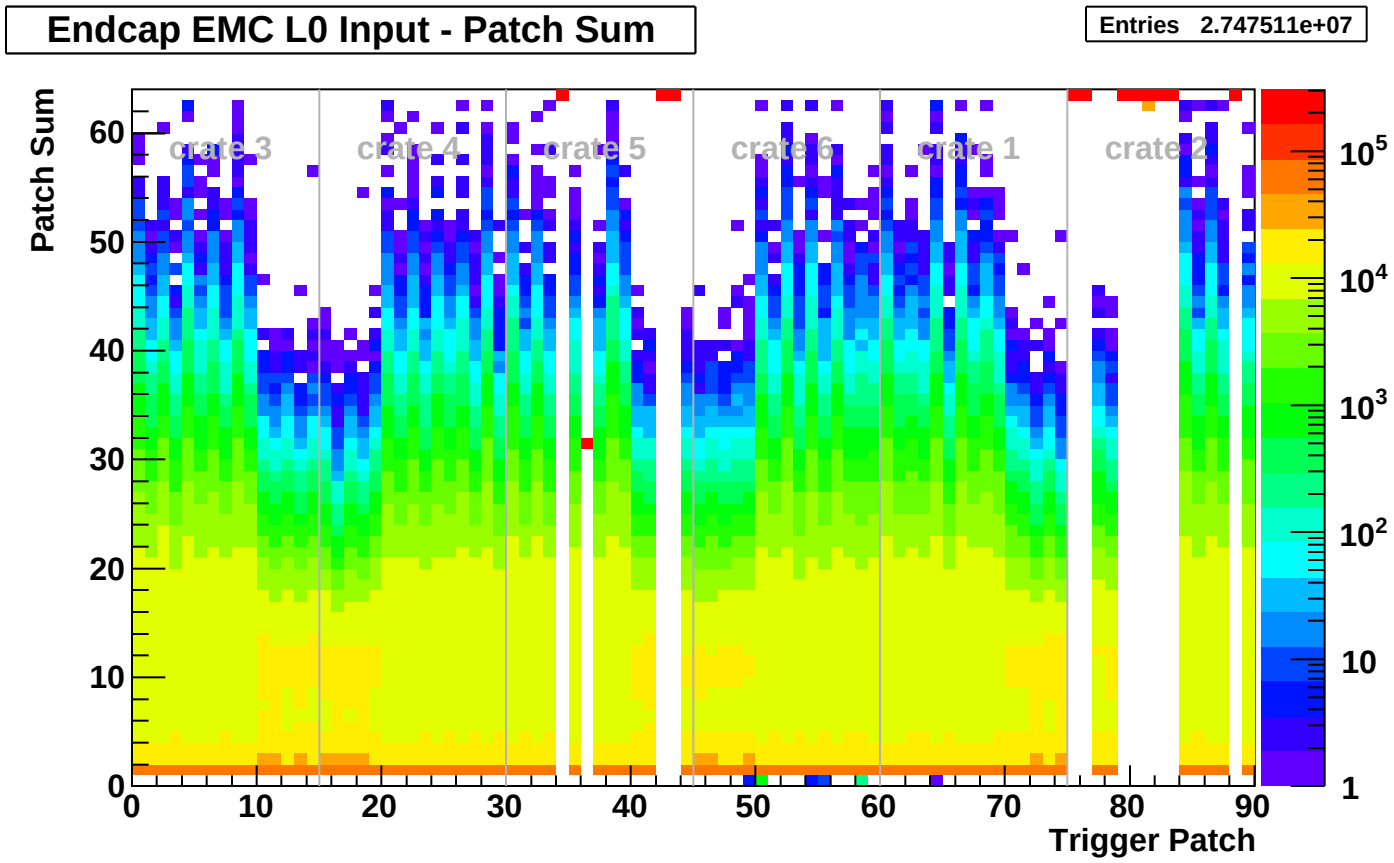

TCU bits
Entries 1017139
TCU bits - Simulated
1
0
-1
-2
85415
18402
295524
305279
7240
305279
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias
1

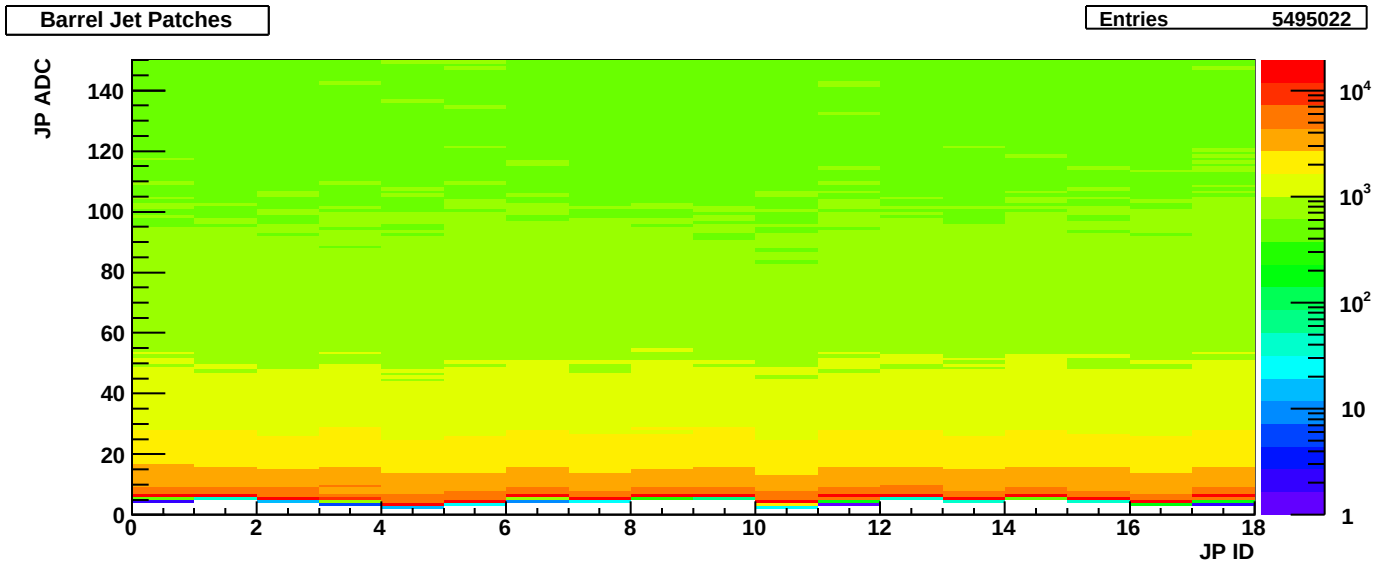

BunchId7Bit (BHT3)
Entries 1600
10
1
0
20
40
60
80
100
120

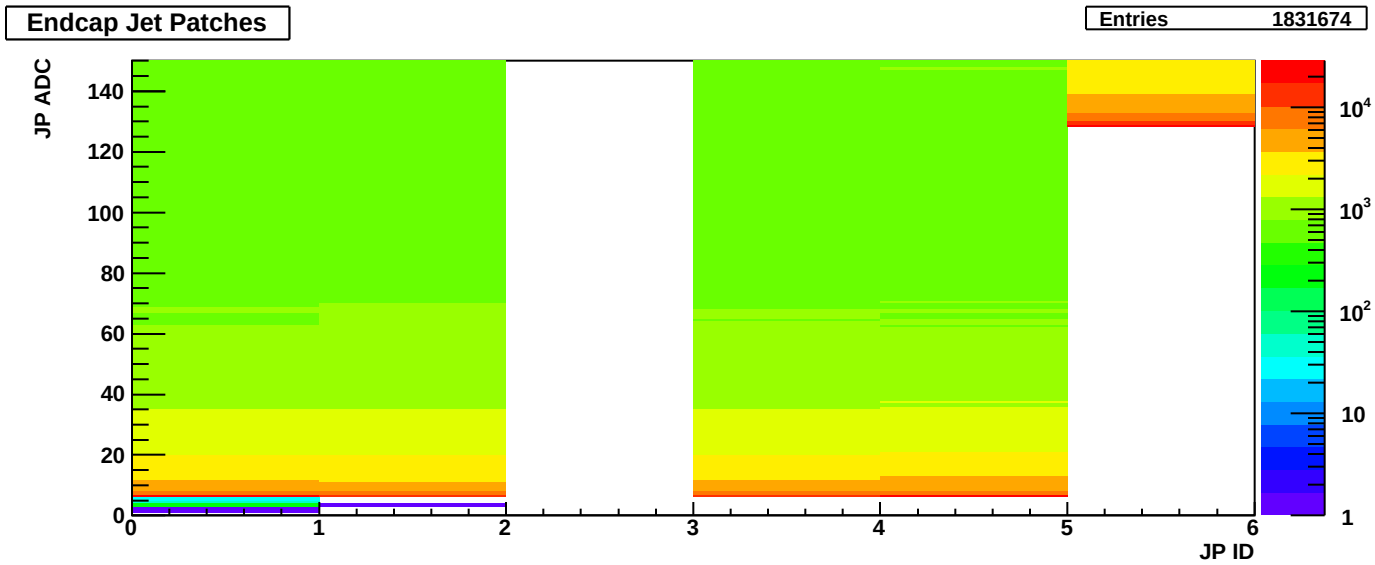

Barrel EMC L0 Input - High Tower
Entries 9.15837e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

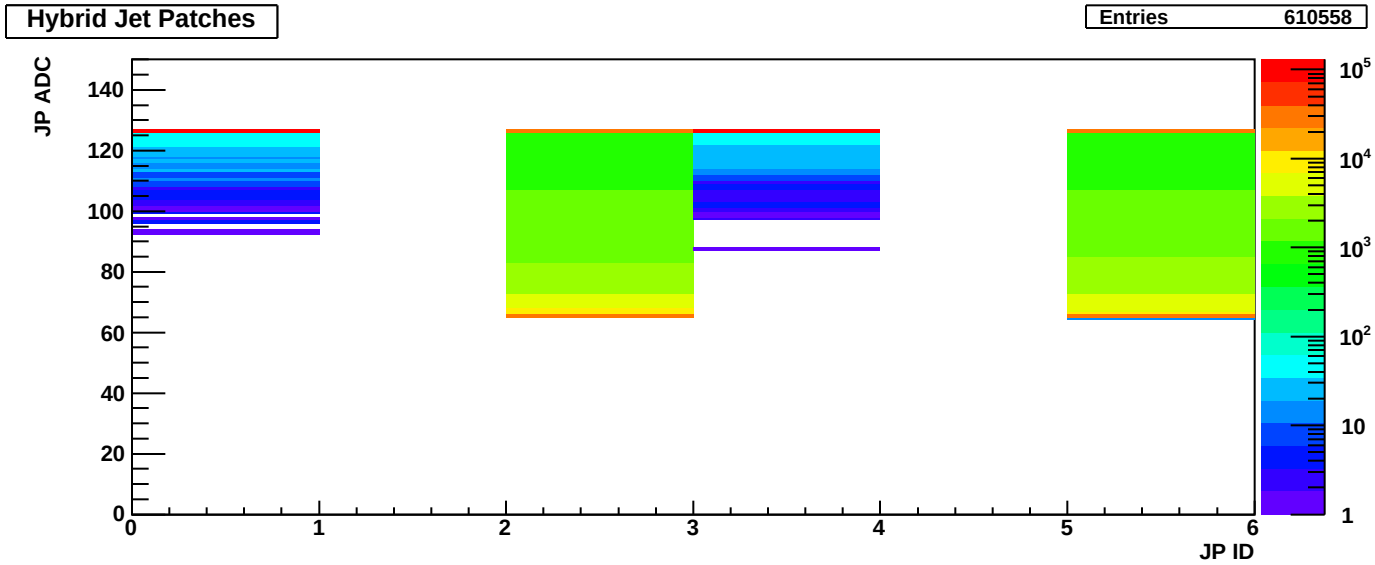

Barrel EMC L0 Input - Patch Sum
Entries 9.15837e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

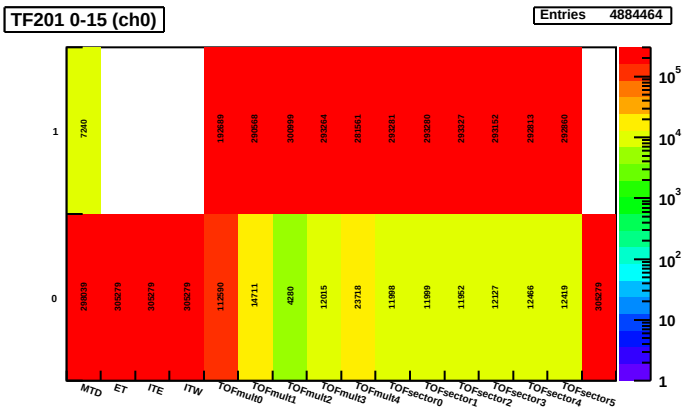

Endcap EMC L0 Input - High Tower
Entries 2.747511e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

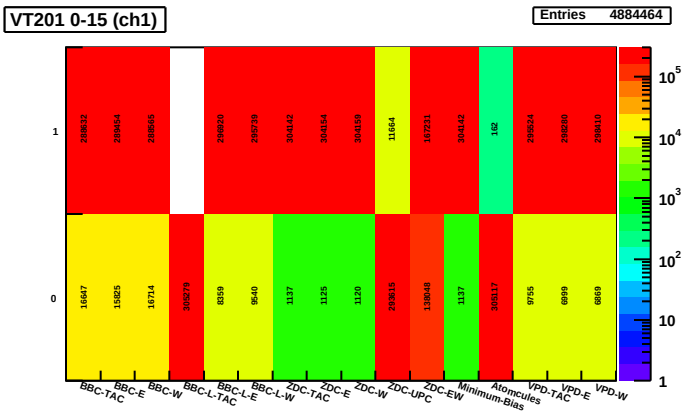

Endcap EMC L0 Input - Patch Sum
Entries 2.747511e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

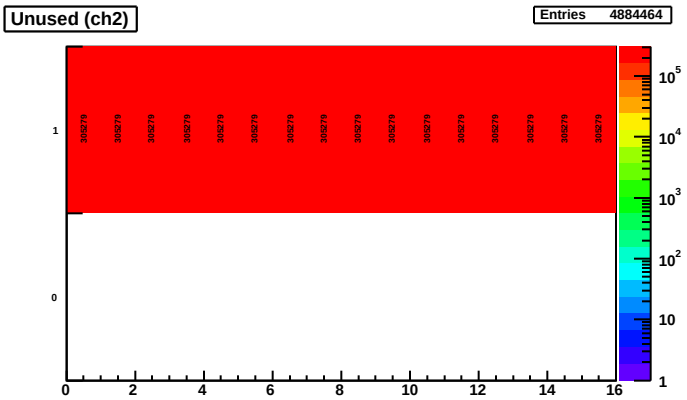

Barrel Jet Patches
Entries 5495022
JP ADC
JP ID

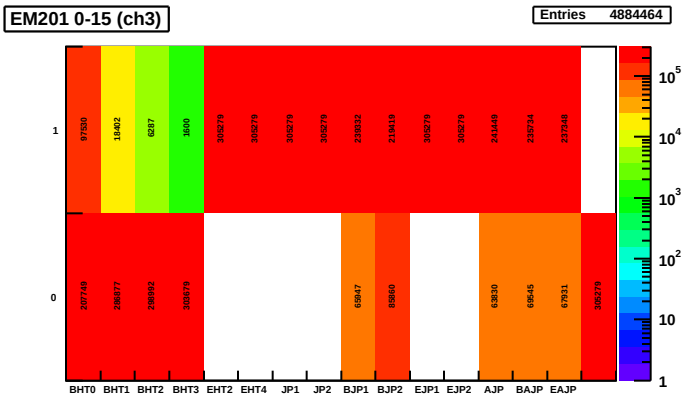

Endcap Jet Patches
Entries 1831674
JP ADC
JP ID

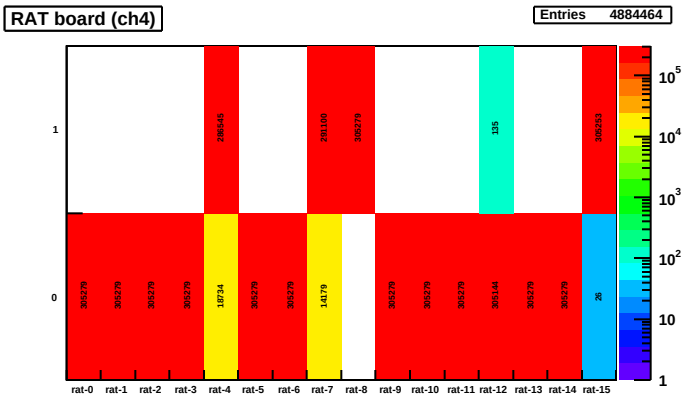

Hybrid Jet Patches
Entries 610558
JP ADC
JP ID

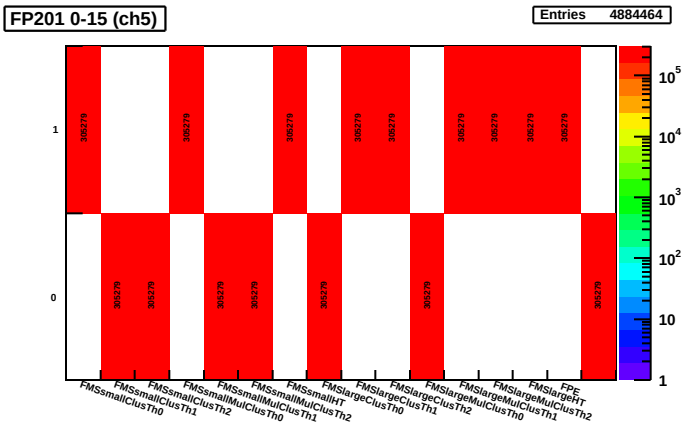

TF201 0-15 (ch0)
Entries 4884464
MTD
ET
ITE
ITW
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFmult4
TOFsector0
TOFsector1
TOFsector2
TOFsector3
TOFsector4
TOFsector5

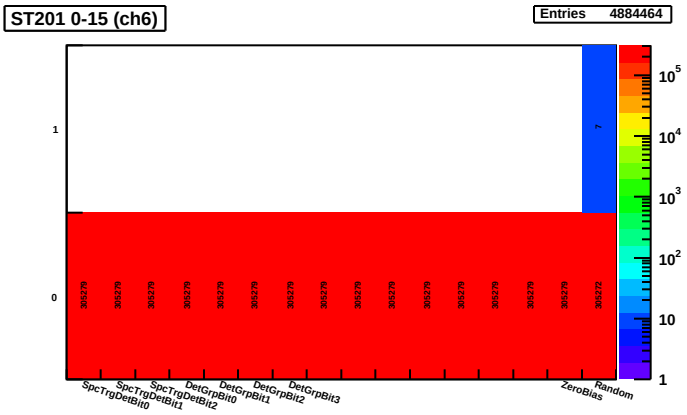

VT201 0-15 (ch1)
Entries 4884464
BBC-TAC
BBC-E
BBC-W
BBC-L-TAC
BBC-L-E
BBC-L-W
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
Minimum-Bias
Atomcules
VPD-TAC
VPD-E
VPD-W

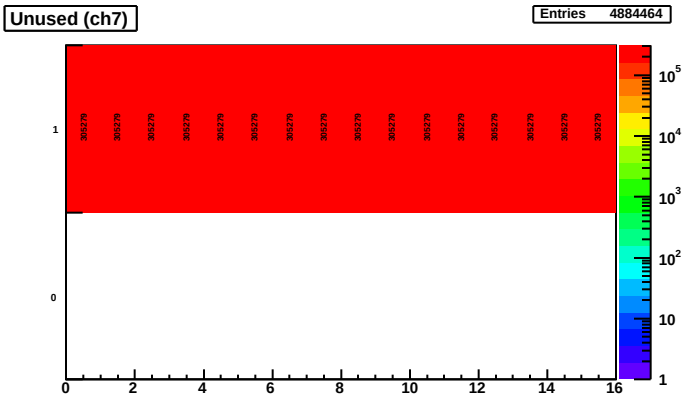

Unused (ch2)
Entries 4884464

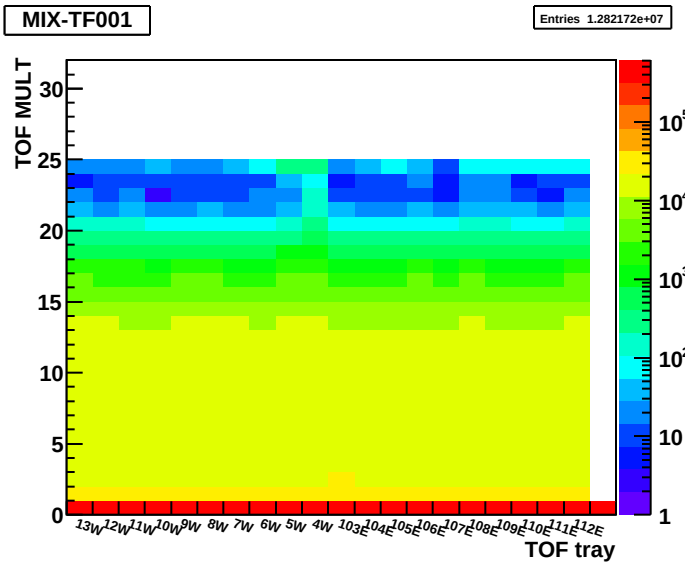

EM201 0-15 (ch3)
Entries 4884464
BHT0
BHT1
BHT2
BHT3
EHT2
EHT4
JP1
JP2
BJP1
BJP2
EJP1
EJP2
AJP
BAJP
EAJP

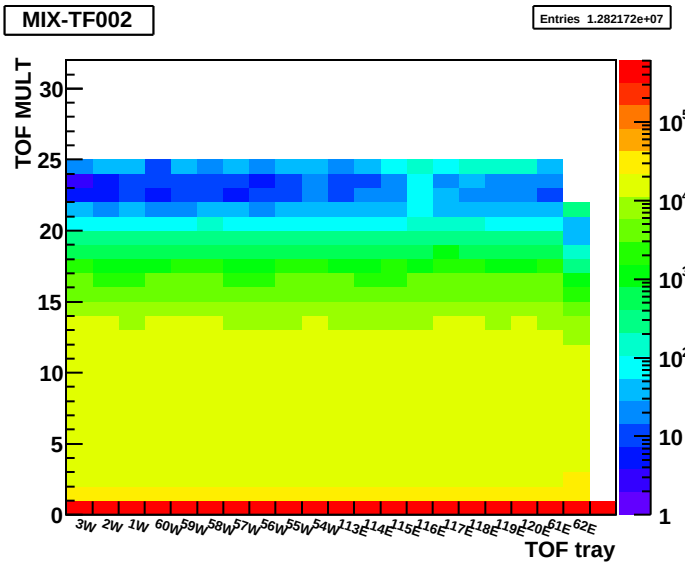

RAT board (ch4)
Entries 4884464
rat-0
rat-1
rat-2
rat-3
rat-4
rat-5
rat-6
rat-7
rat-8
rat-9
rat-10
rat-11
rat-12
rat-13
rat-14
rat-15

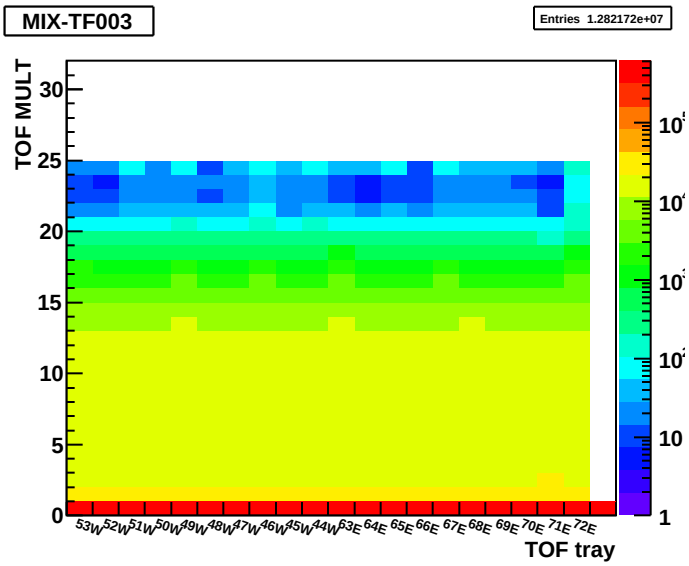

FP201 0-15 (ch5)
Entries 4884464
FMSsmallClusTh0
FMSsmallClusTh1
FMSsmallClusTh2
FMSsmallMulClusTh0
FMSsmallMulClusTh1
FMSsmallMulClusTh2
FMSsmallHT
FMSlargeClusTh0
FMSlargeClusTh1
FMSlargeClusTh2
FMSlargeMulClusTh0
FMSlargeMulClusTh1
FMSlargeMulClusTh2
FMSlargeHT
FPE

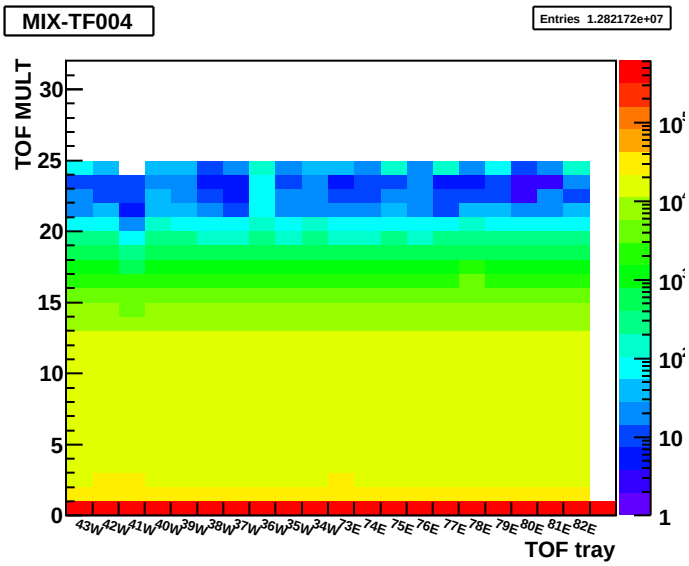

ST201 0-15 (ch6)
Entries 4884464
SpcTrgDetBit0
SpcTrgDetBit1
SpcTrgDetBit2
DetGrpBit0
DetGrpBit1
DetGrpBit2
DetGrpBit3
ZeroBias
Random

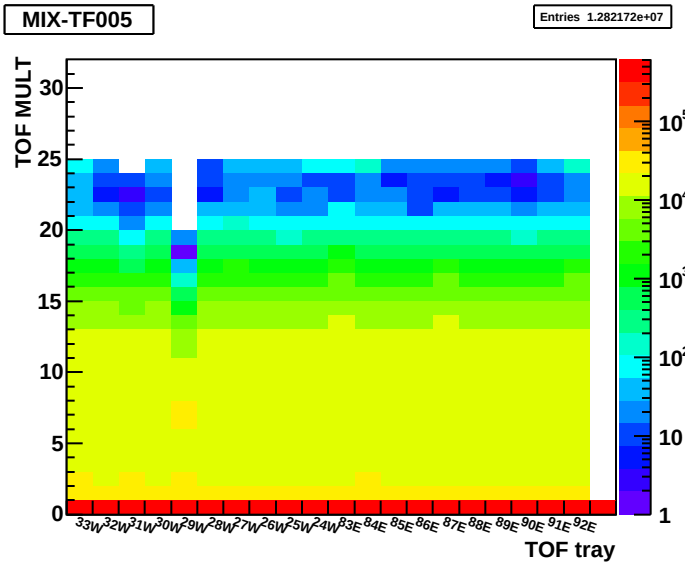

Unused (ch7)
Entries 4884464

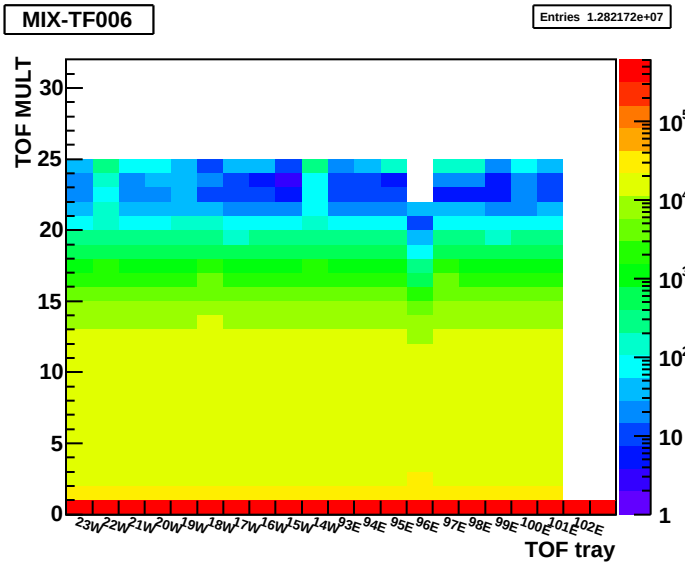

MIX-TF001
Entries 1.282172e+07
TOF MULT
TOF tray

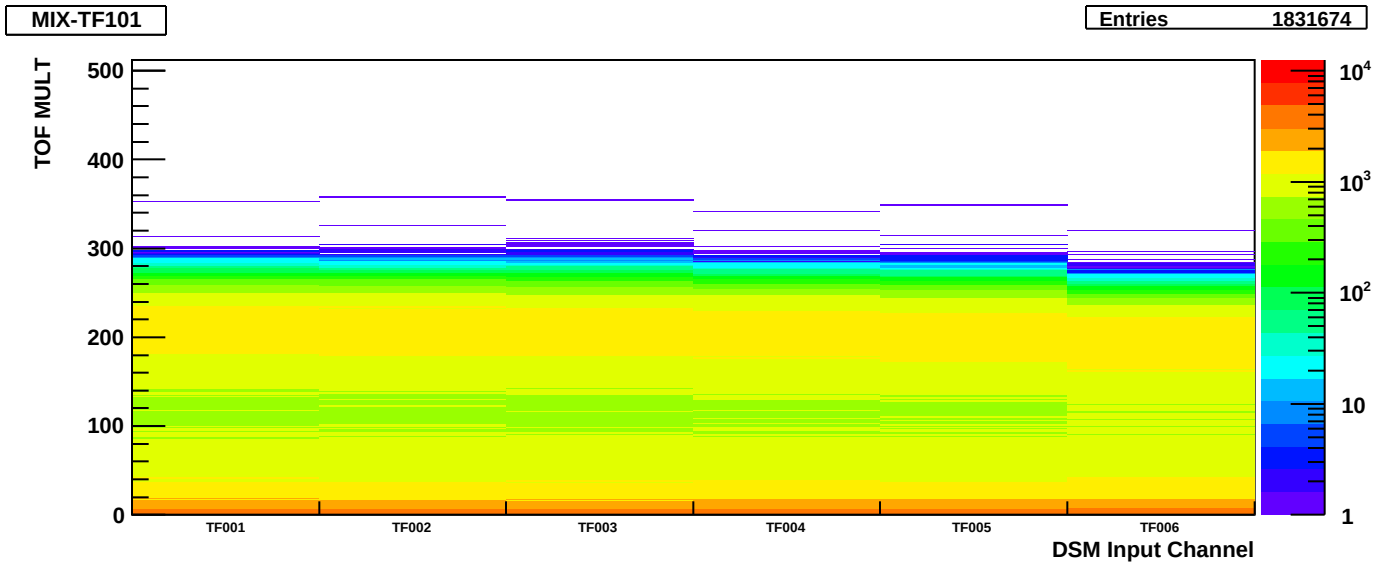

MIX-TF002
Entries 1.282172e+07
TOF MULT
TOF tray

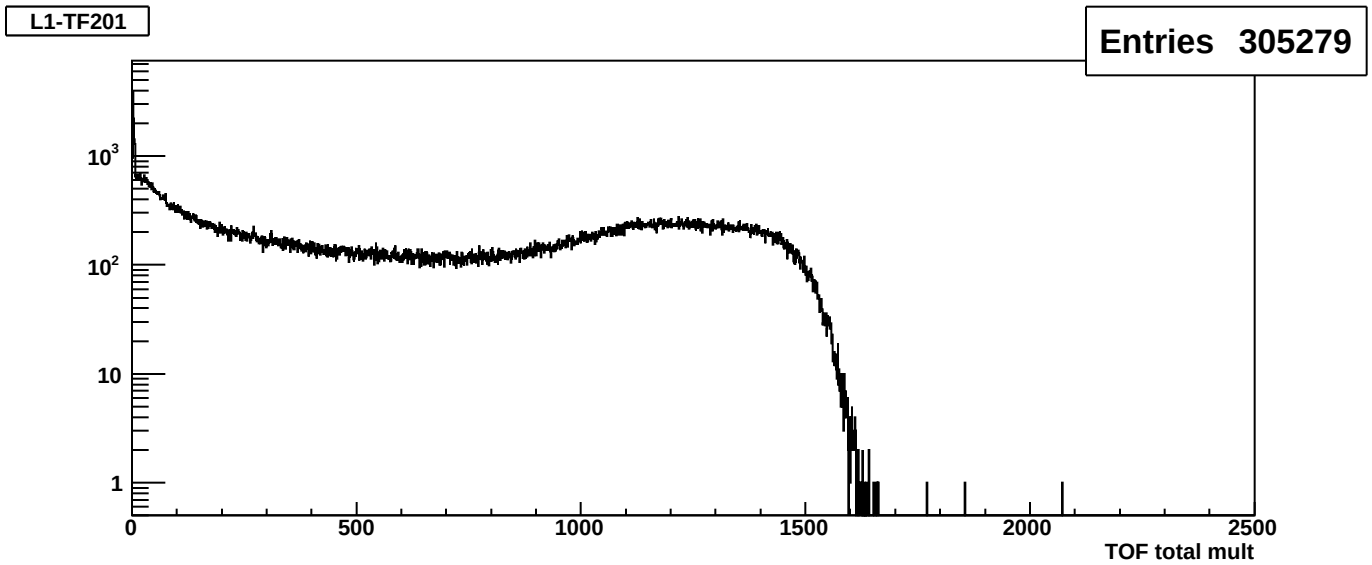

MIX-TF003
Entries 1.282172e+07
TOF MULT
TOF tray

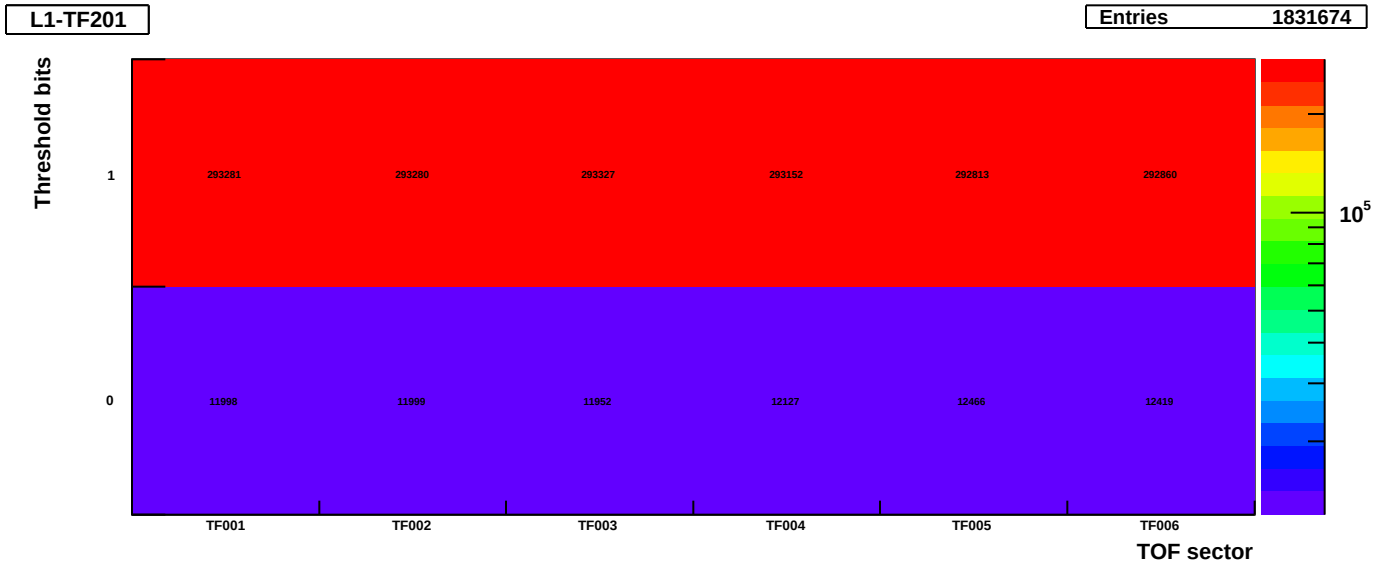

MIX-TF004
Entries 1.282172e+07
TOF MULT
TOF tray

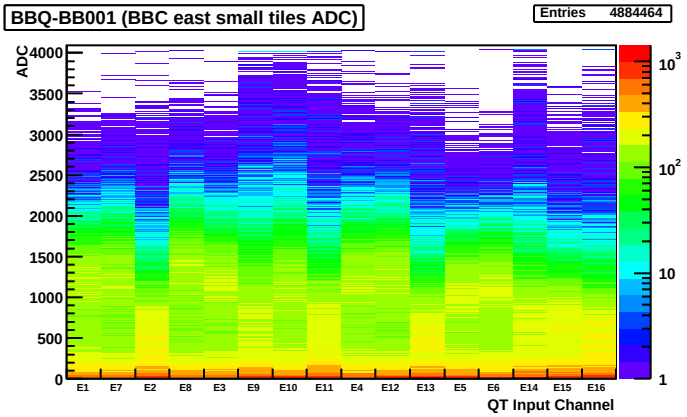

MIX-TF005
Entries 1.282172e+07
TOF MULT
TOF tray

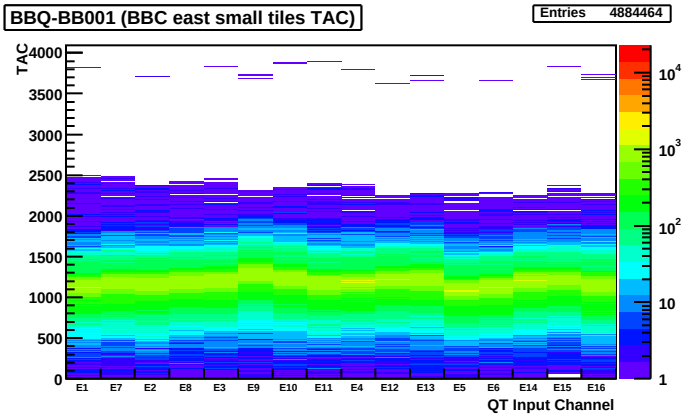

MIX-TF006
Entries 1.282172e+07
TOF MULT
TOF tray

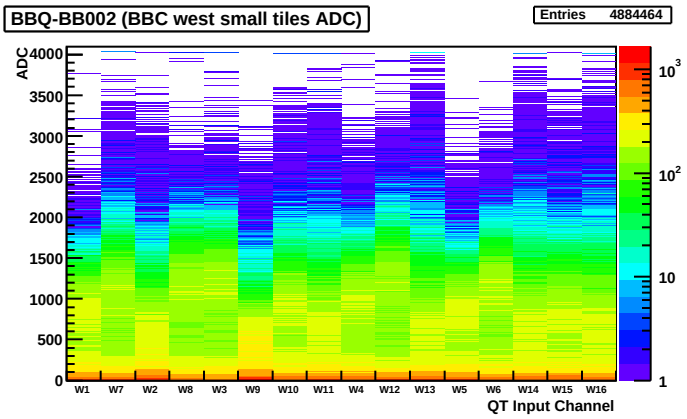

MIX-TF101
Entries 1831674
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^4
10^3
10^2
10
1

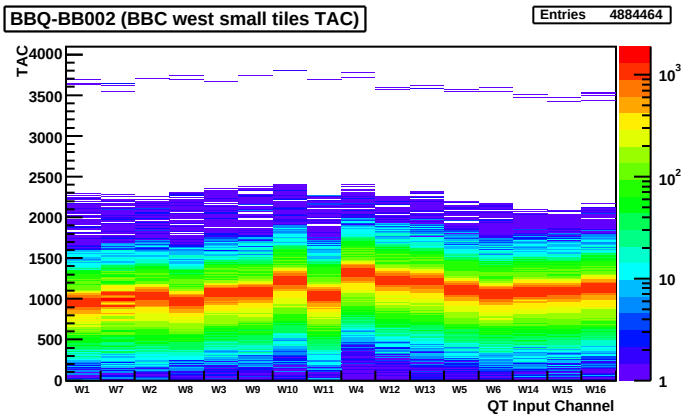

L1-TF201
Entries 305279
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

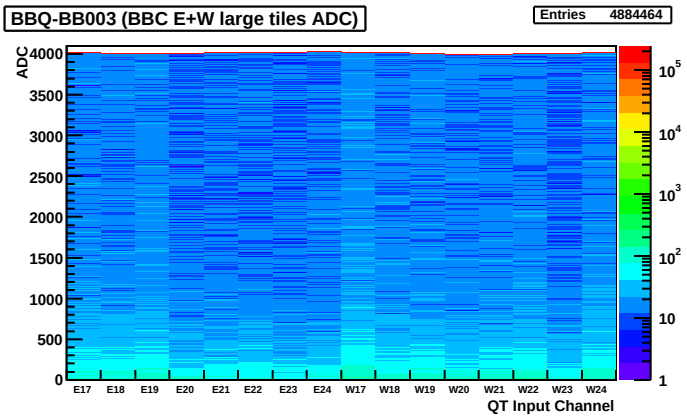

L1-TF201
Entries 1831674
Threshold bits
1
0
293281
293280
293327
293152
292813
292860
11998
11999
11952
12127
12466
12419
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^5

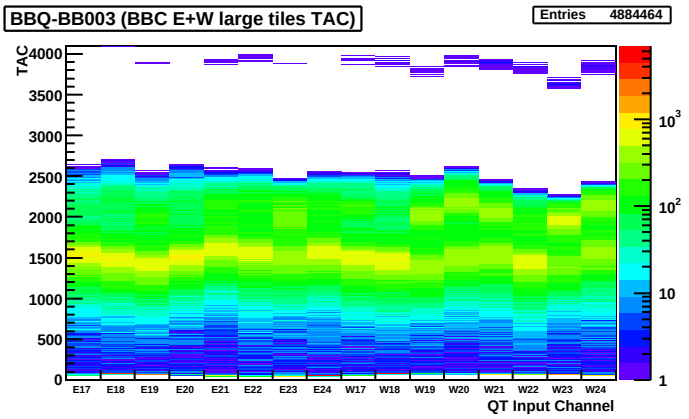

BBQ-BB001 (BBC east small tiles ADC)
Entries 4884464
ADC
QT Input Channel

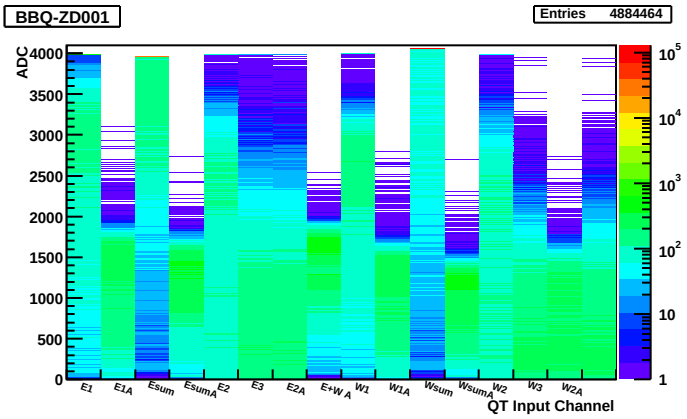

BBQ-BB001 (BBC east small tiles TAC)
Entries 4884464
TAC
QT Input Channel

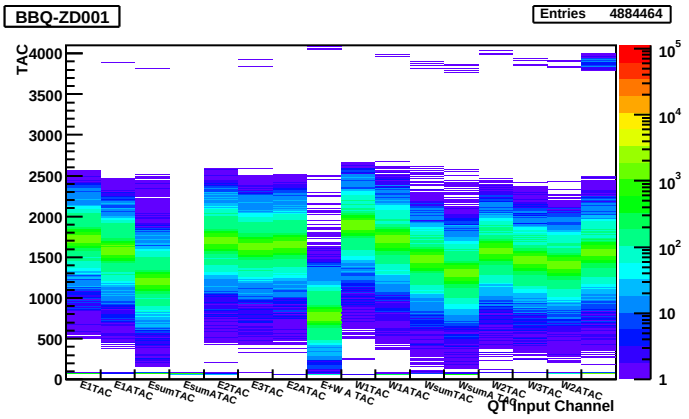

BBQ-BB002 (BBC west small tiles ADC)
Entries 4884464
ADC
QT Input Channel

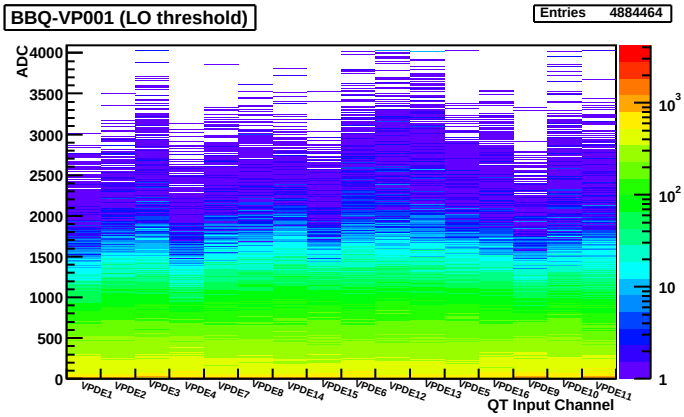

BBQ-BB002 (BBC west small tiles TAC)
Entries 4884464
TAC
QT Input Channel

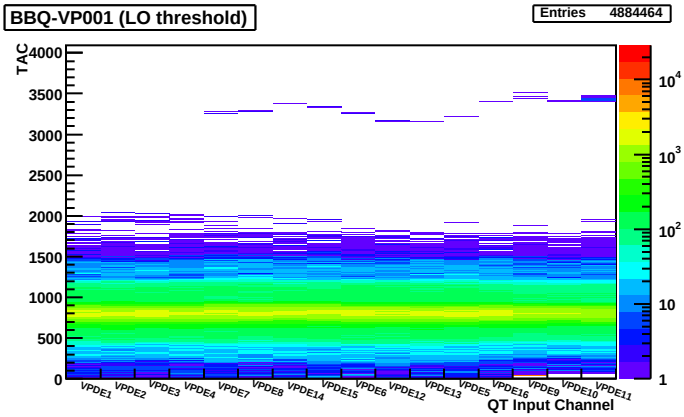

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4884464
ADC
QT Input Channel

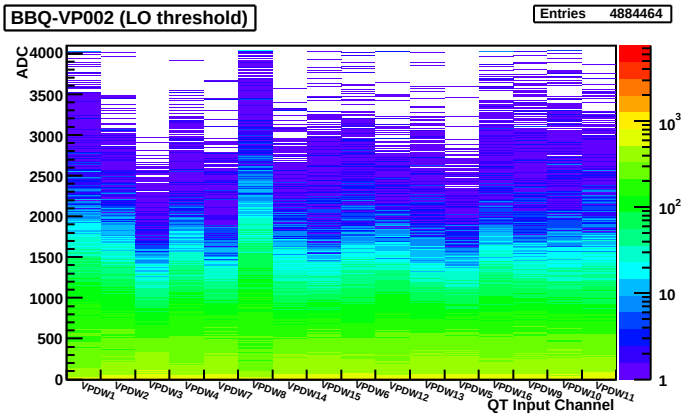

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4884464
TAC
QT Input Channel

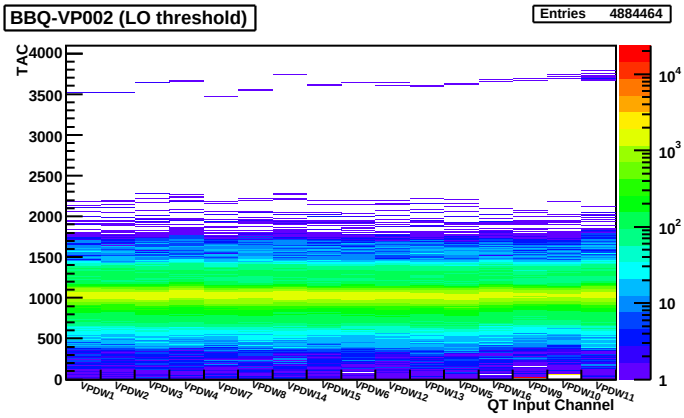

BBQ-ZD001
Entries 4884464
ADC
QT Input Channel

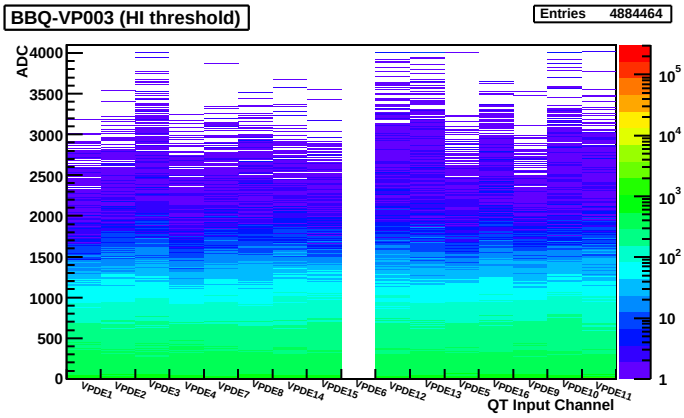

BBQ-ZD001
Entries 4884464
TAC
QT Input Channel

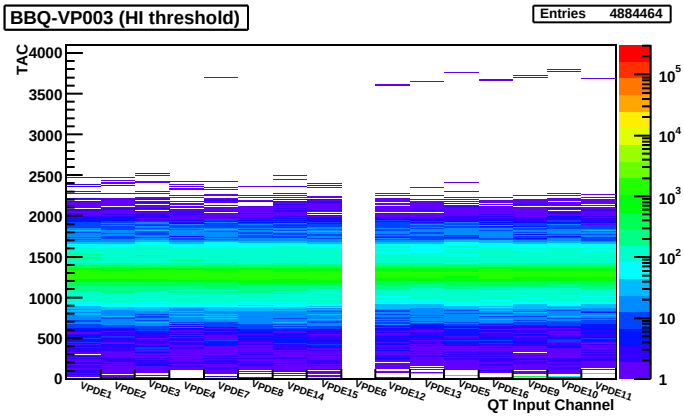

BBQ-VP001 (LO threshold)
Entries 4884464
ADC
QT Input Channel

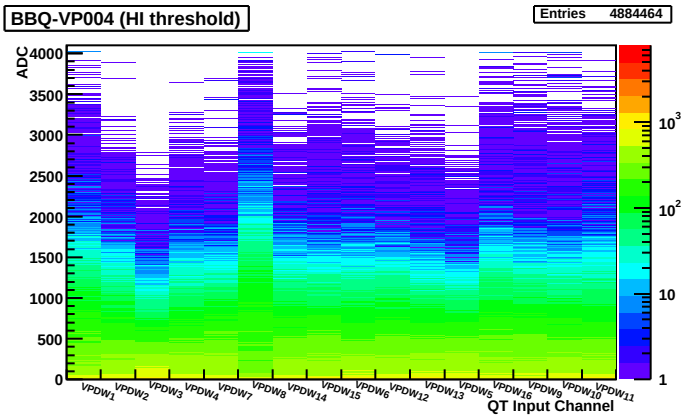

BBQ-VP001 (LO threshold)
Entries 4884464
TAC
QT Input Channel

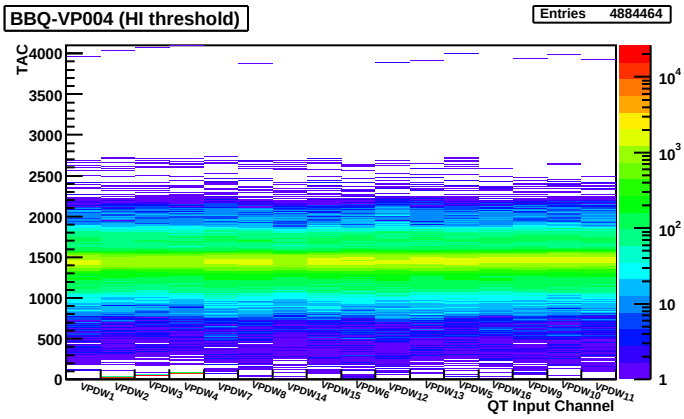

BBQ-VP002 (LO threshold)
Entries 4884464
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 4884464
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 4884464
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 4884464
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 4884464
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 4884464
TAC
QT Input Channel