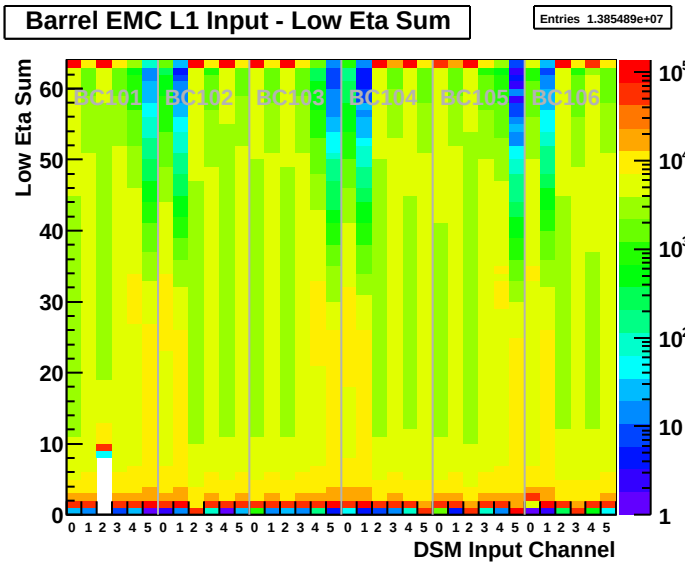
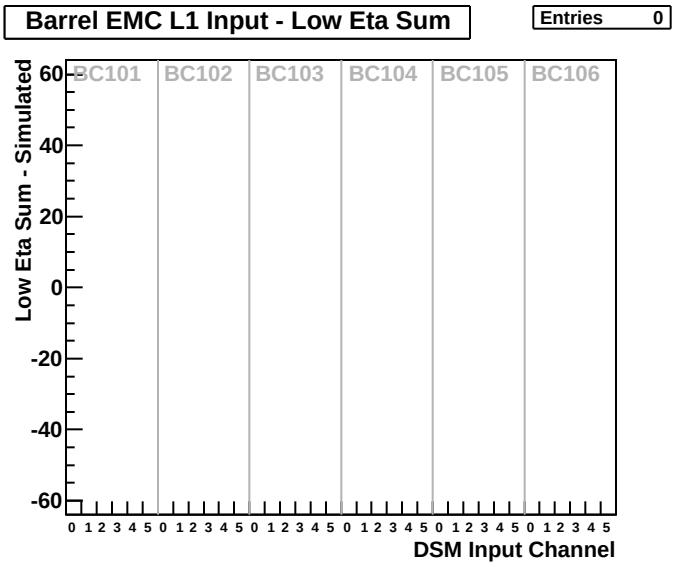
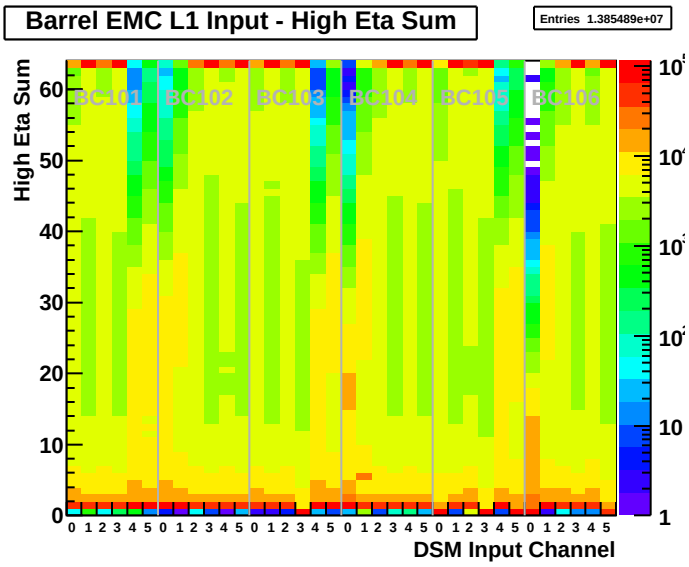
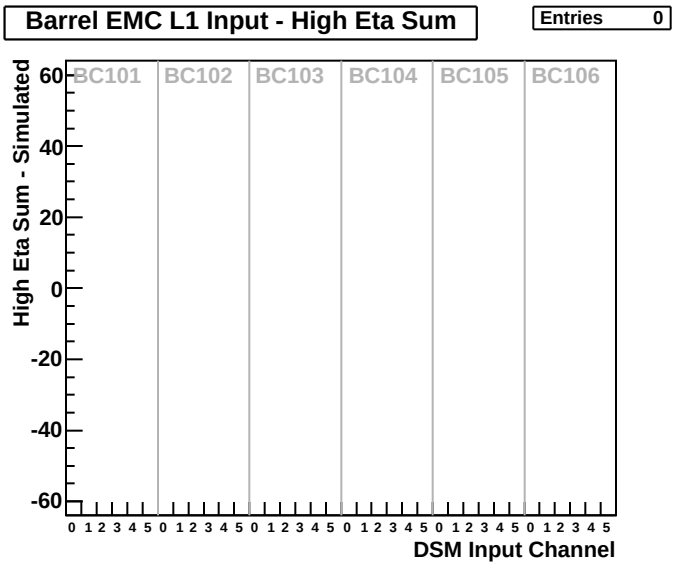
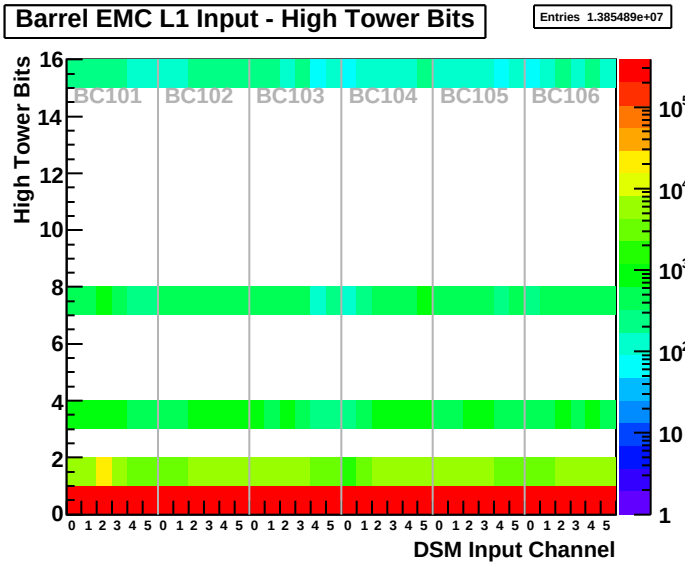
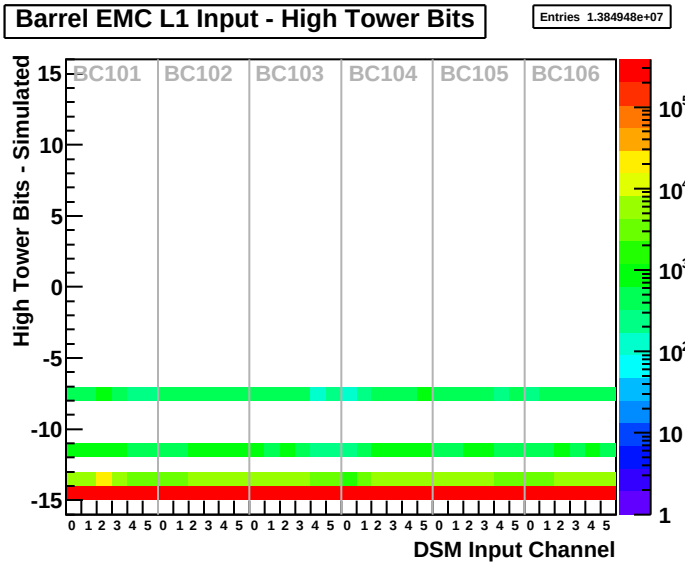

Barrel EMC L1 Input - Low Eta Sum
Entries 1.385489e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

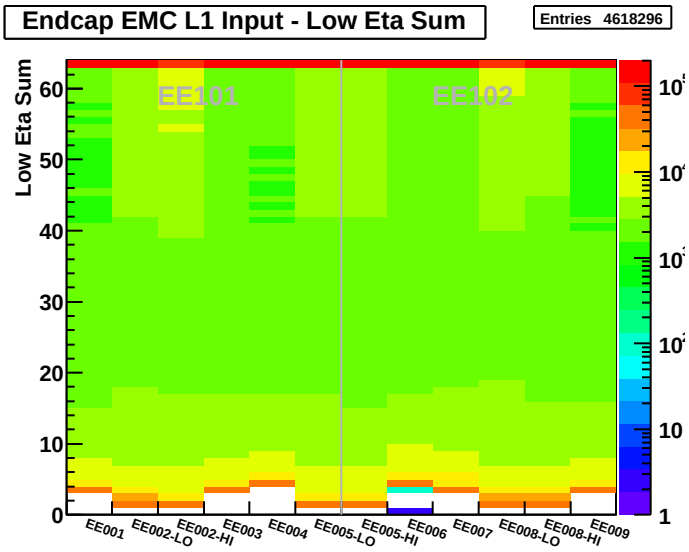

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

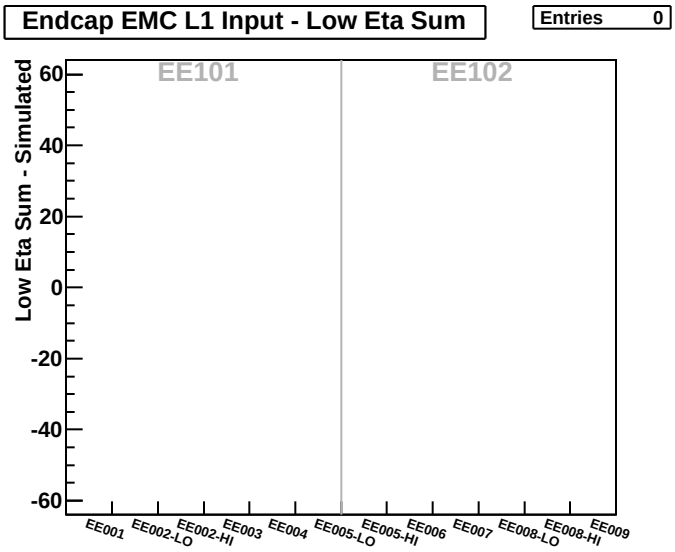

Barrel EMC L1 Input - High Eta Sum
Entries 1.385489e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

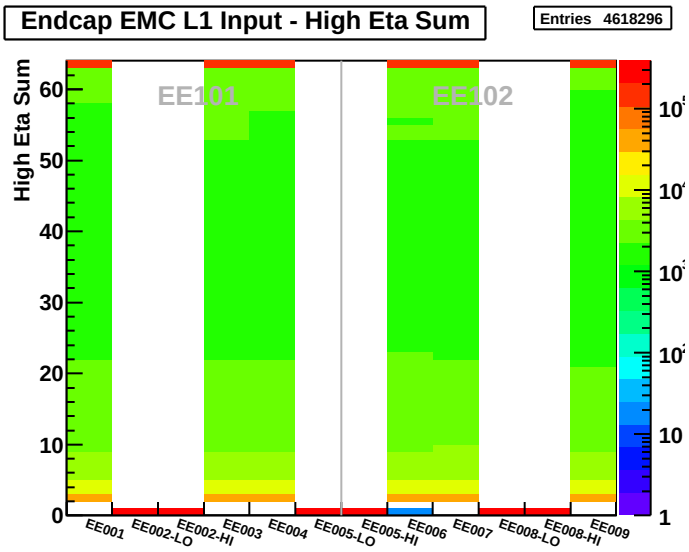

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

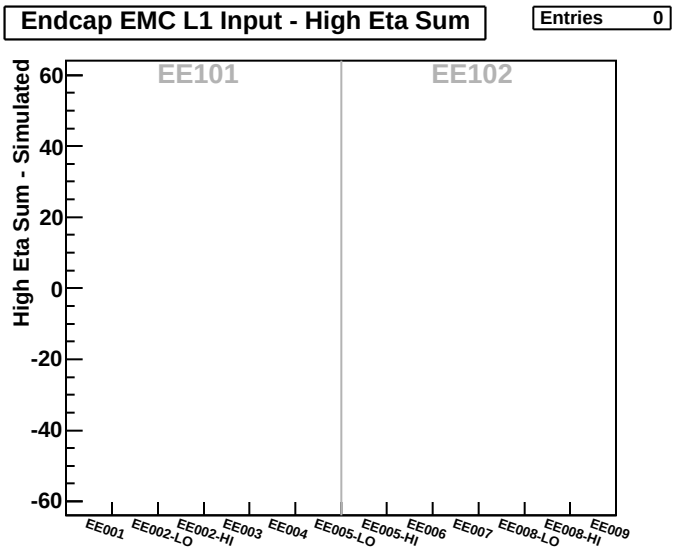

Barrel EMC L1 Input - High Tower Bits
Entries 1.385489e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

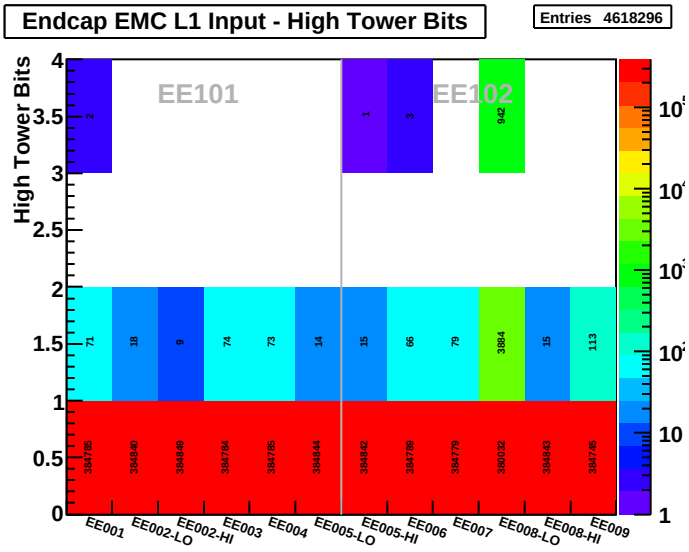

Barrel EMC L1 Input - High Tower Bits
Entries 1.384948e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

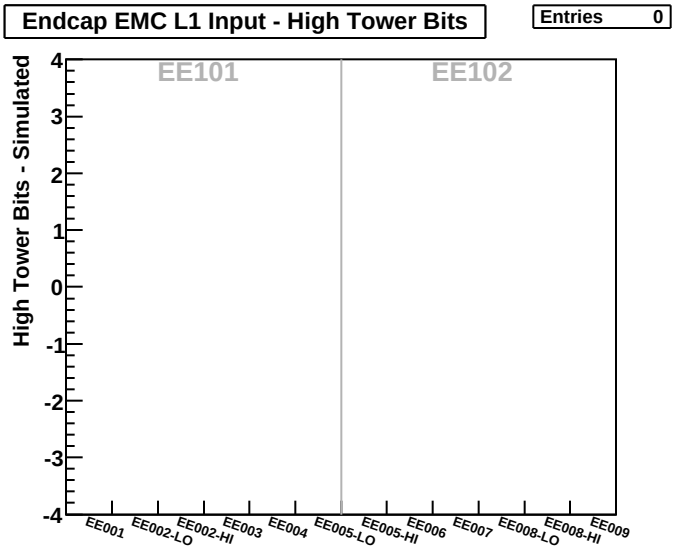

Endcap EMC L1 Input - Low Eta Sum
Entries 4618296
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

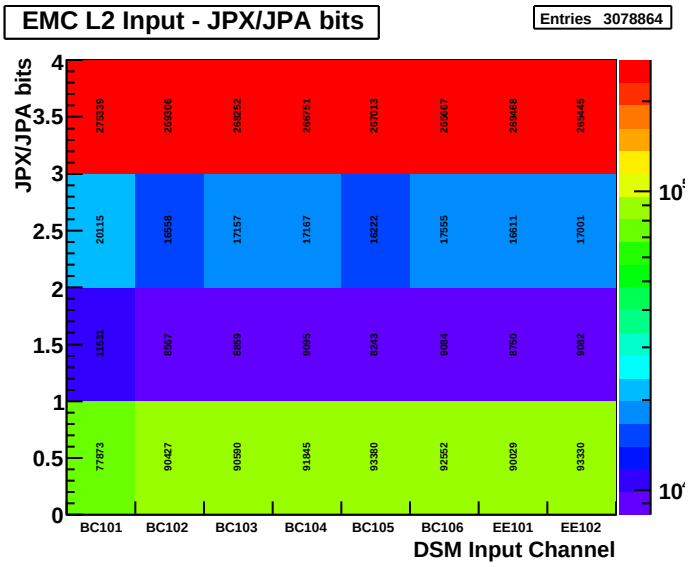

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

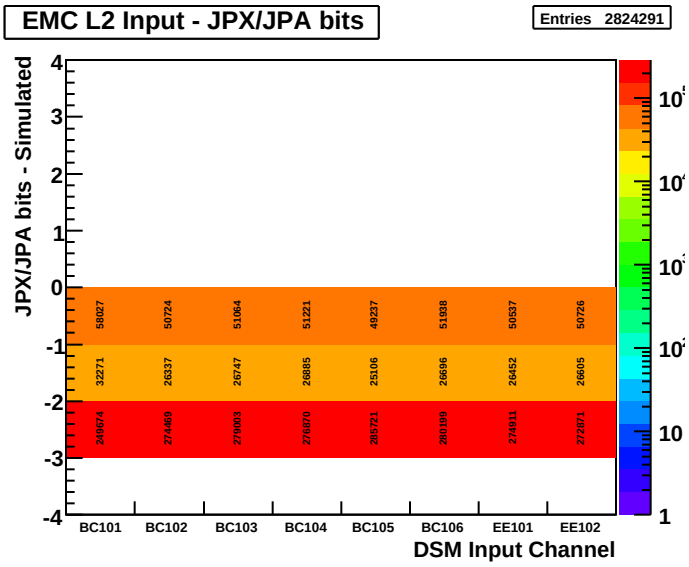

Endcap EMC L1 Input - High Eta Sum
Entries 4618296
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

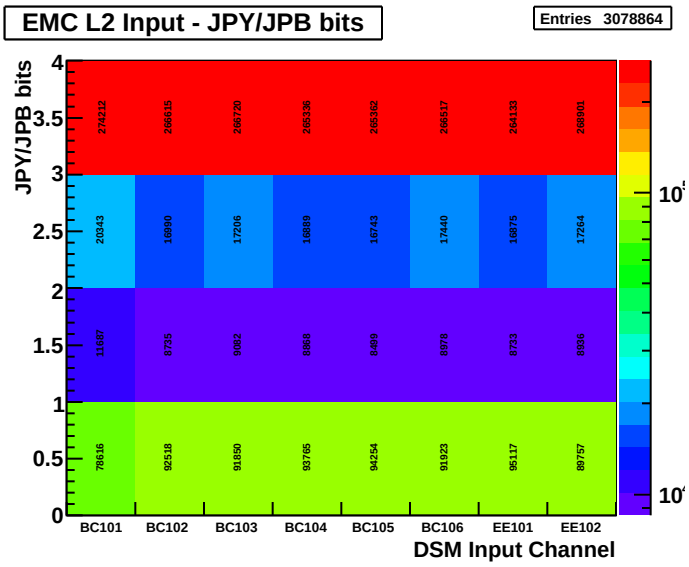

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

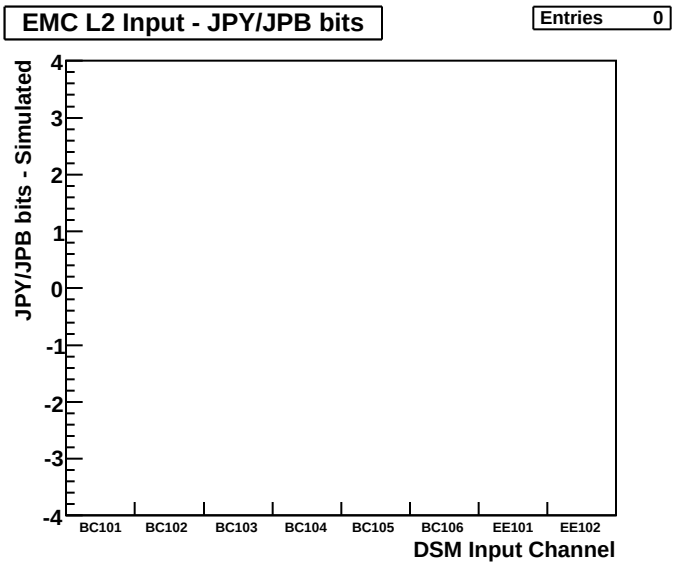

Endcap EMC L1 Input - High Tower Bits
Entries 4618296
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

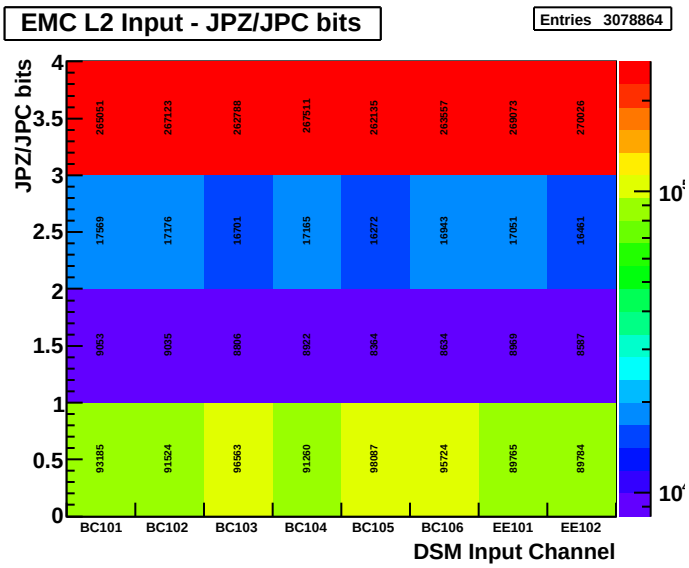

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

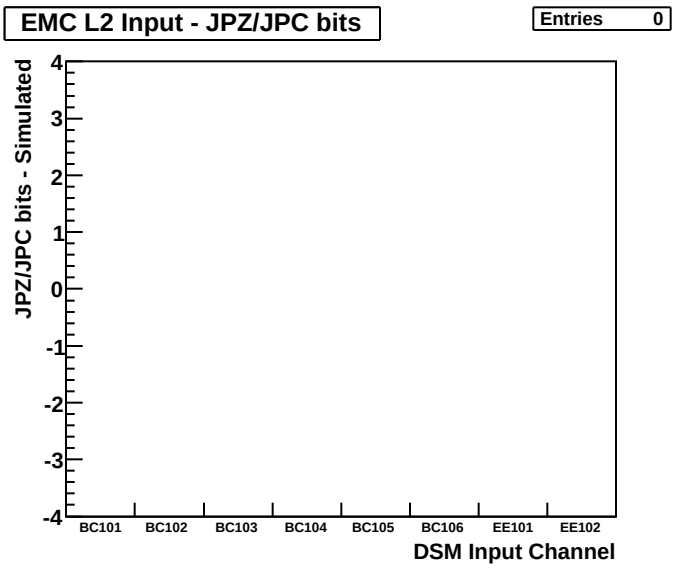

EMC L2 Input - JPX/JPA bits
Entries 3078864
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
275339 268306 268252 266751 267013 265867 265468 265445
20115 16558 17157 17167 16222 17555 16611 17001
11531 8567 8859 9095 8243 9084 8750 9082
77873 90427 90590 91845 93380 92552 90029 93330

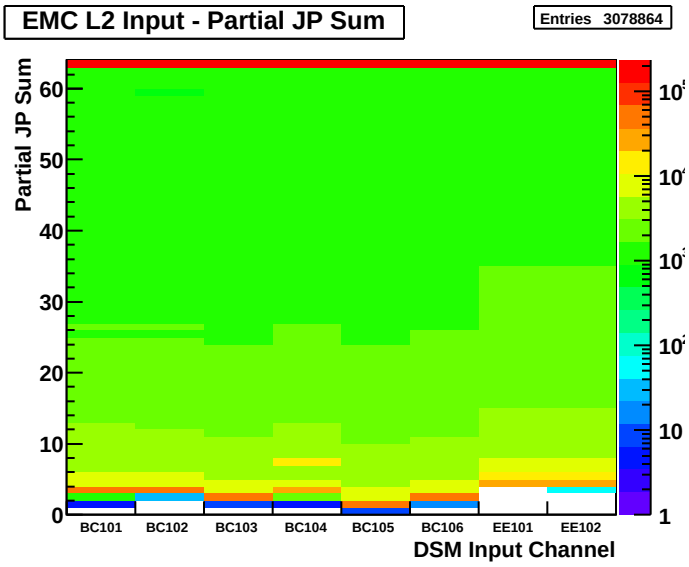

EMC L2 Input - JPX/JPA bits
Entries 2824291
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
58027 50724 51064 51221 49237 51938 50537 50726
32271 26337 26747 26885 25106 26696 26452 26605
249674 274469 279003 276870 285721 280199 274911 272871

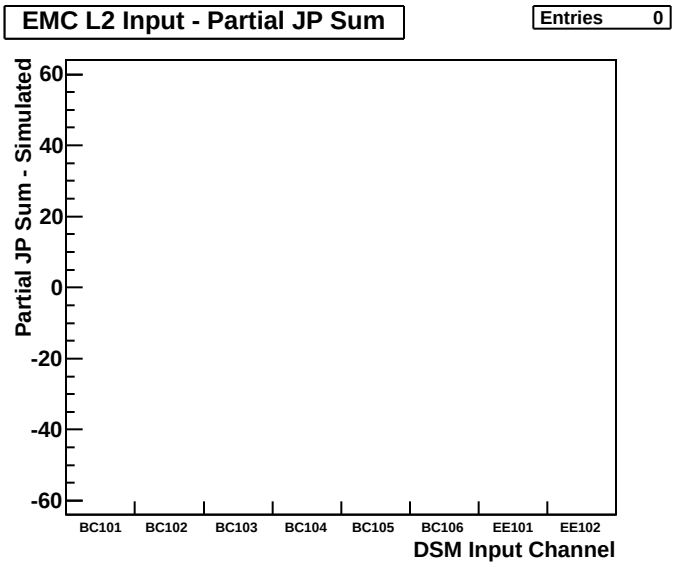

EMC L2 Input - JPY/JPB bits
Entries 3078864
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
274212 266615 266720 265336 265352 266517 264133 268901
20343 16990 17206 16889 16743 17440 16875 17264
11687 8735 9022 8868 8499 8978 8733 8836
78616 92518 91850 93765 94254 91923 95117 89757

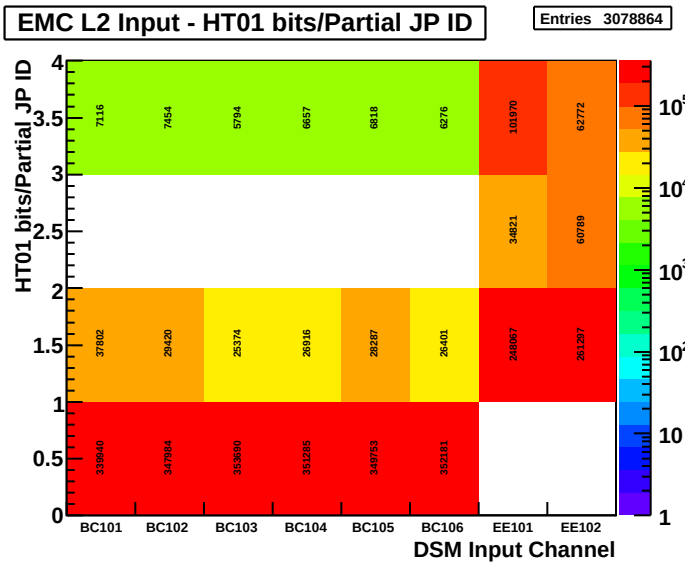

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

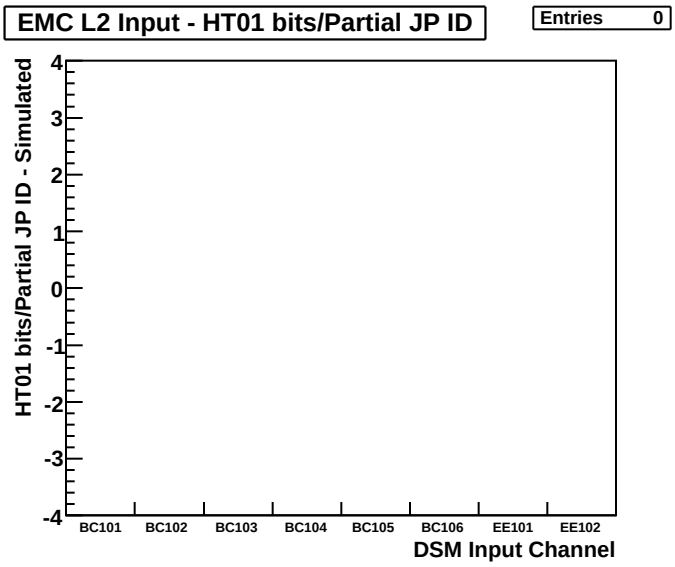

EMC L2 Input - JPZ/JPC bits
Entries 3078864
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
265051 267123 262788 267511 262135 263557 269073 270026
17569 17176 16701 17165 16272 16943 17051 16461
9053 9035 8806 8822 8364 8634 8969 8537
93185 91524 96563 91260 98087 95724 89765 89784

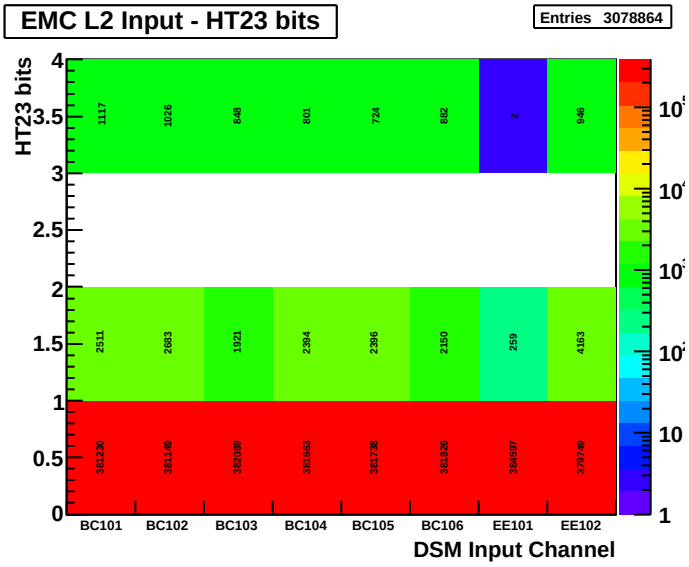

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

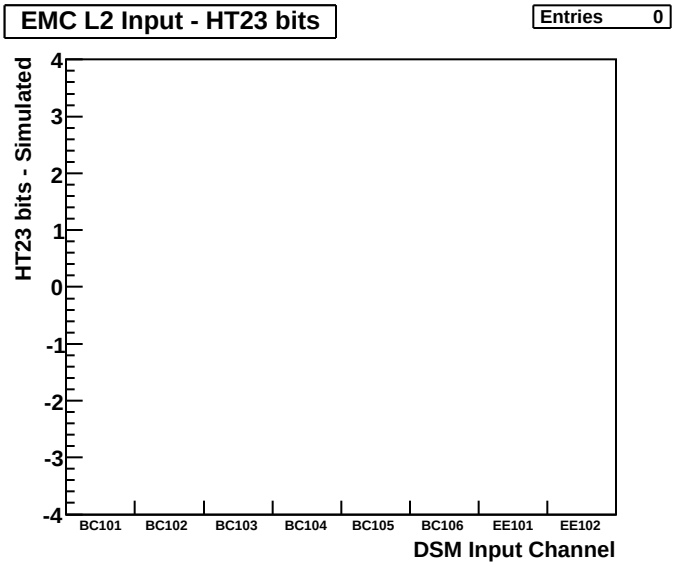

EMC L2 Input - Partial JP Sum
Entries 3078864
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

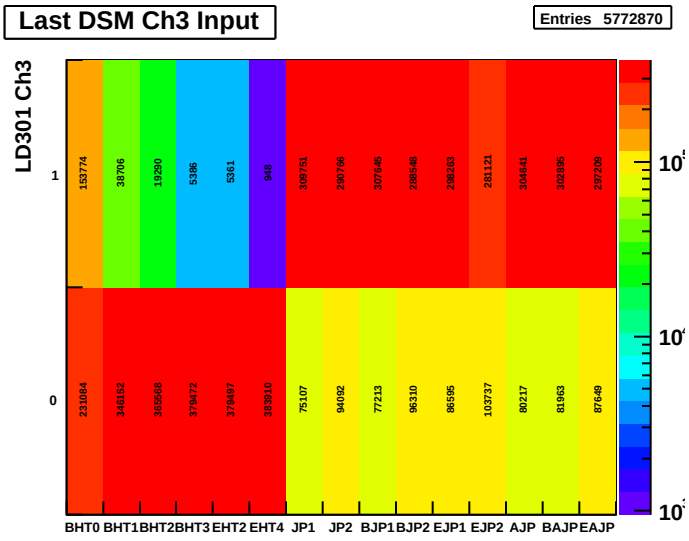

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

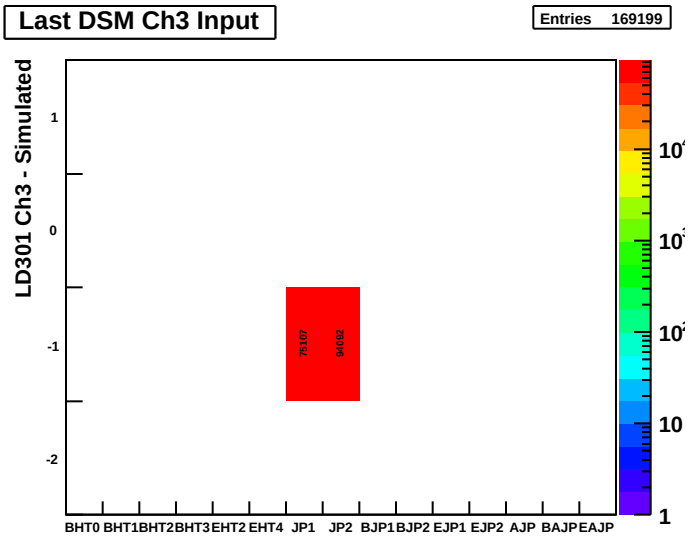

EMC L2 Input - HT01 bits/Partial JP ID
Entries 3078864
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

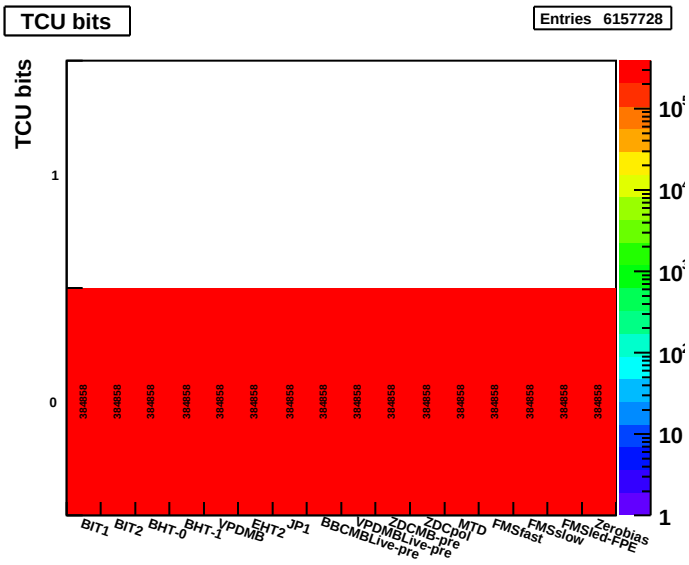

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

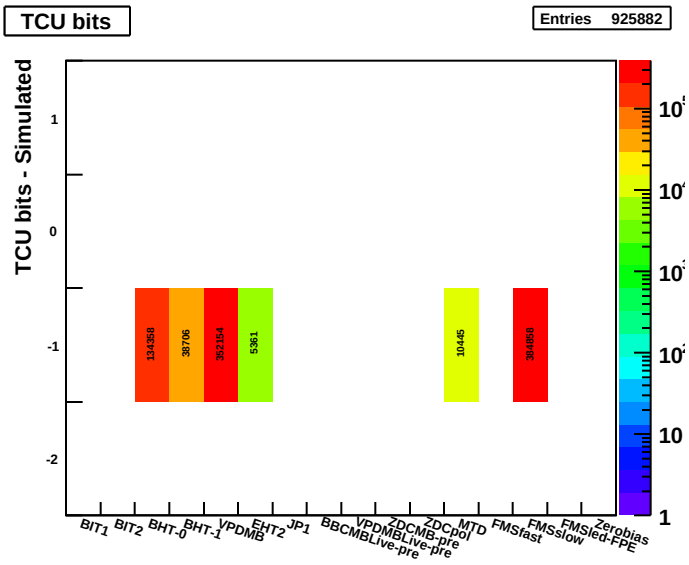

EMC L2 Input - HT23 bits
Entries 3078864
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

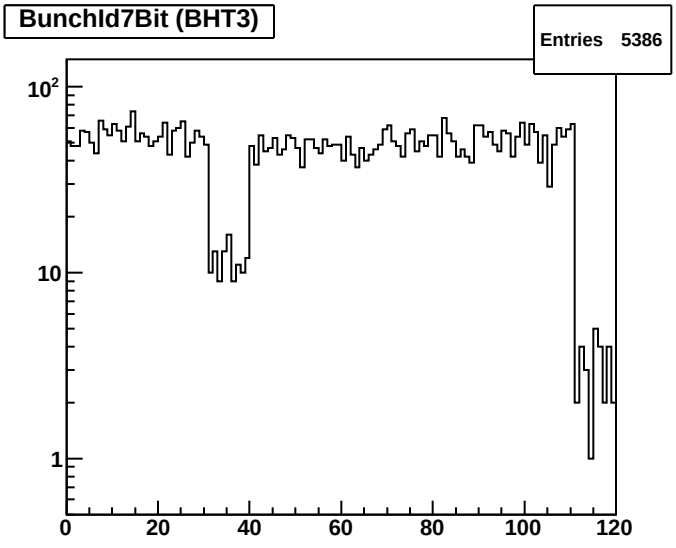

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

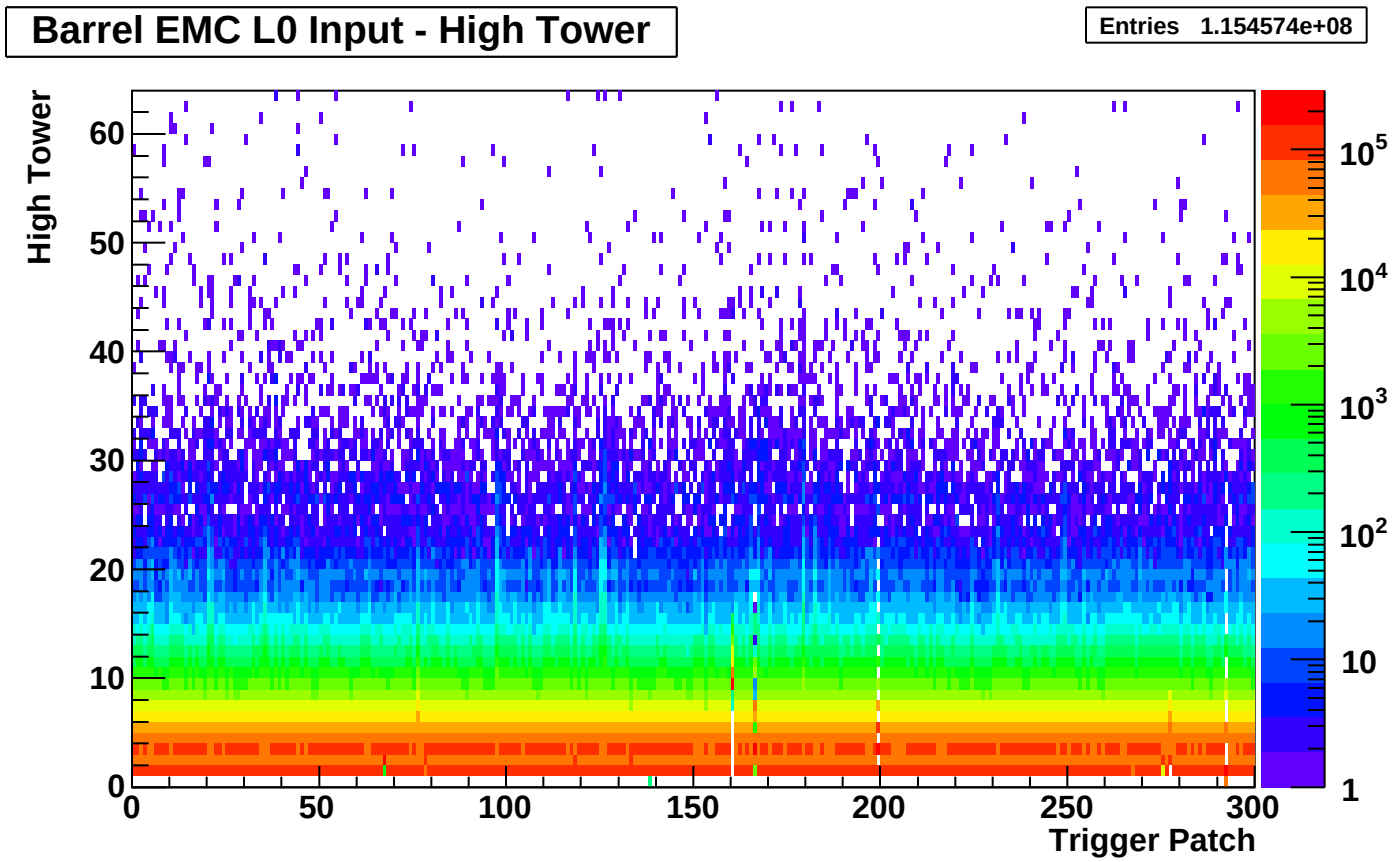

Last DSM Ch3 Input
Entries 5772870
LD301 Ch3
153774 38706 19290 5386 5361 946 309751 290766 307645 288548 298253 281121 304641 302895 297209
231084 346152 365568 379472 379497 383910 75107 94092 77213 96310 86595 103737 80217 81963 87649
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

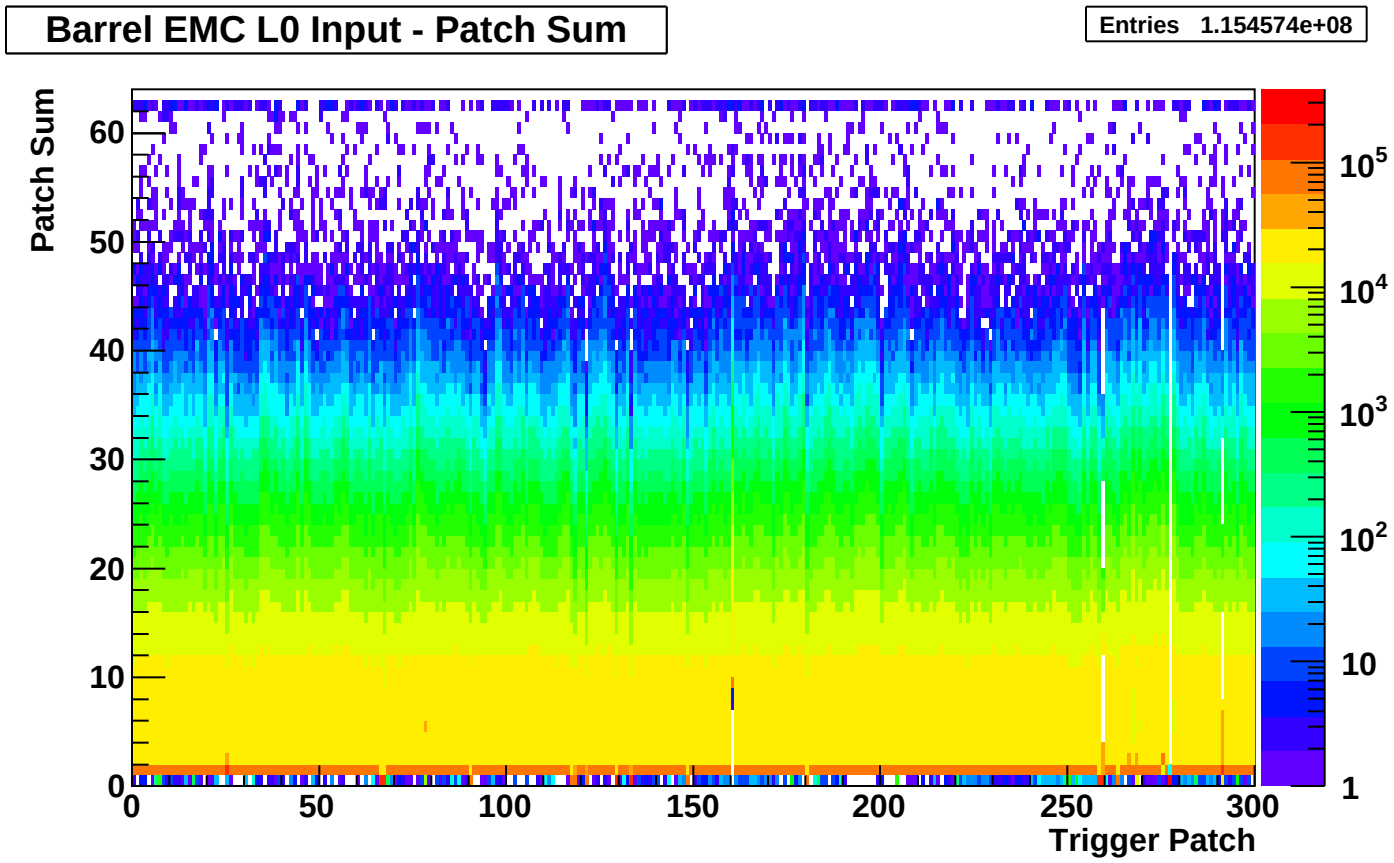

Last DSM Ch3 Input
Entries 169199
LD301 Ch3 - Simulated
75107 94092
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

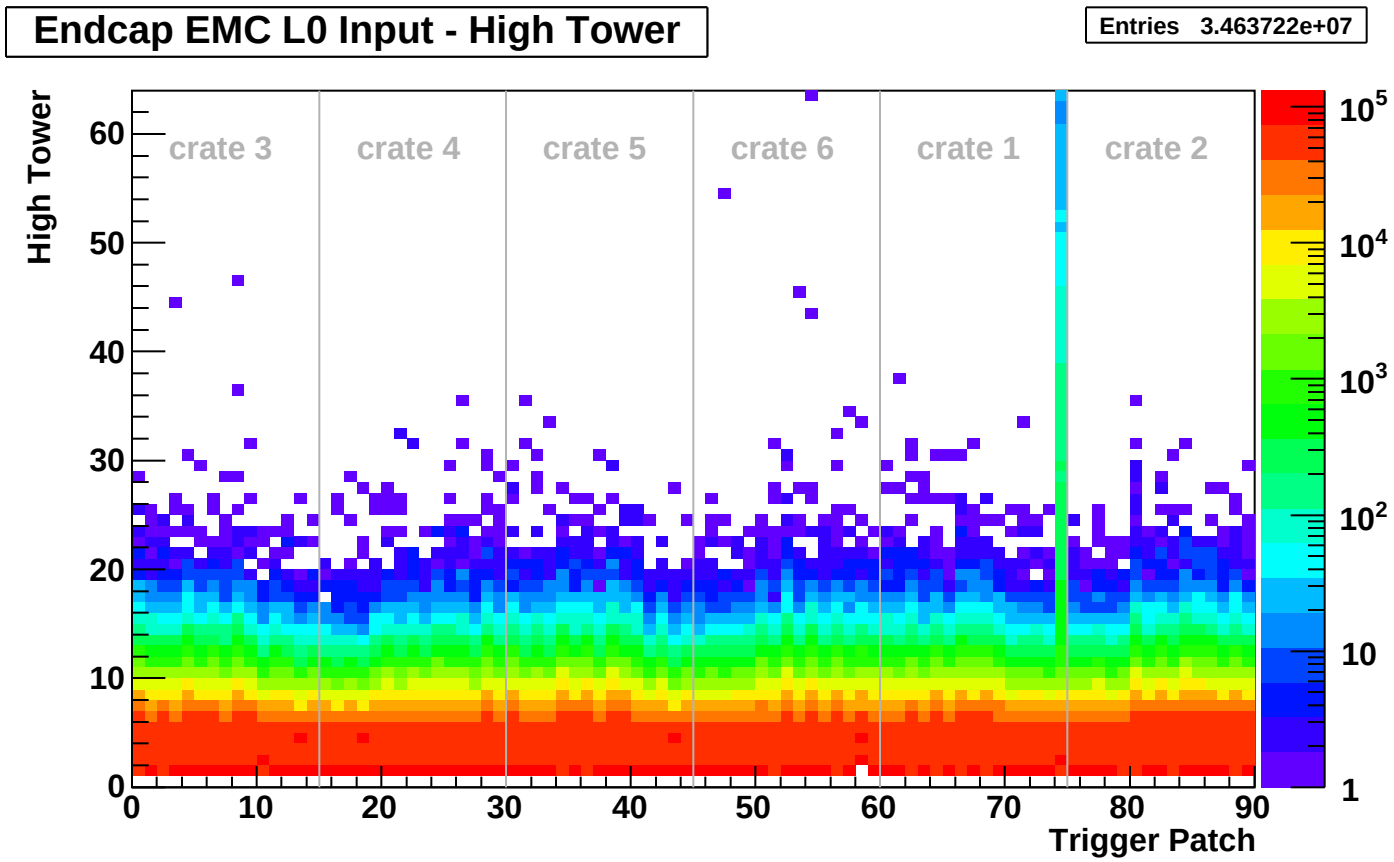

TCU bits
Entries 6157728
TCU bits
384858
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

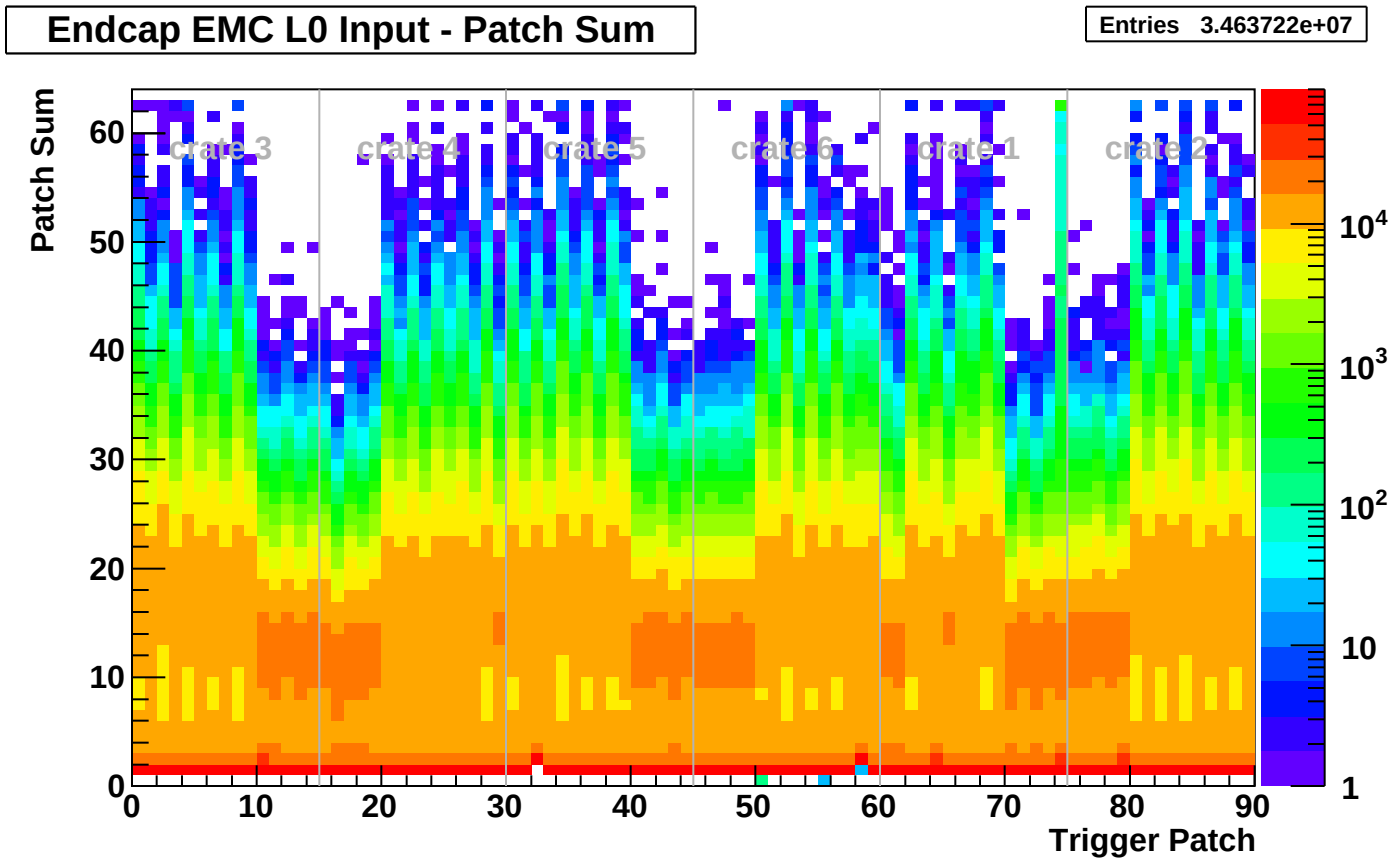

TCU bits
Entries 925882
TCU bits - Simulated
134358 38706 352154 5361 10445 384858
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

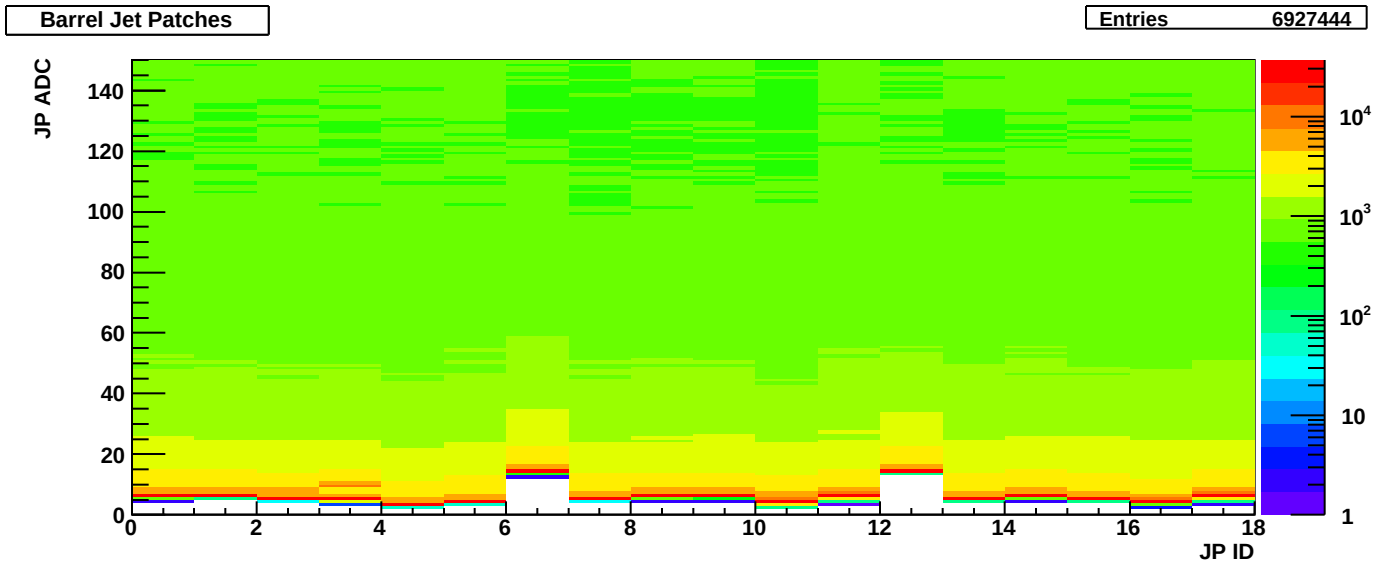

BunchId7Bit (BHT3)
Entries 5386

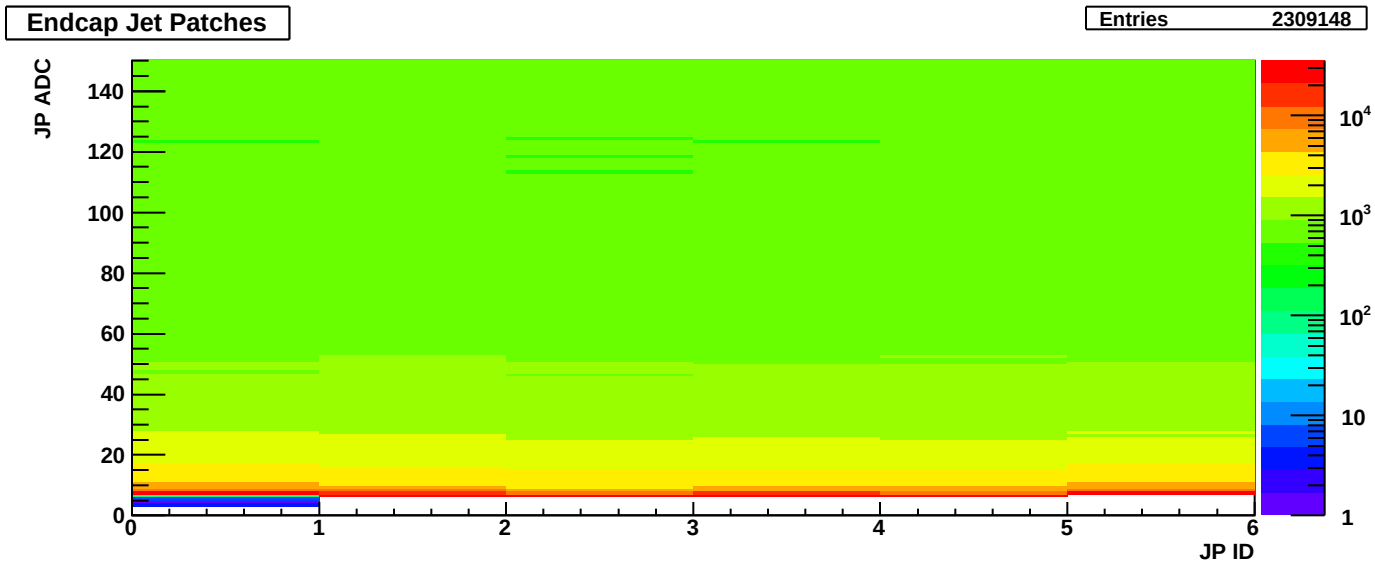

Barrel EMC L0 Input - High Tower
Entries 1.154574e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

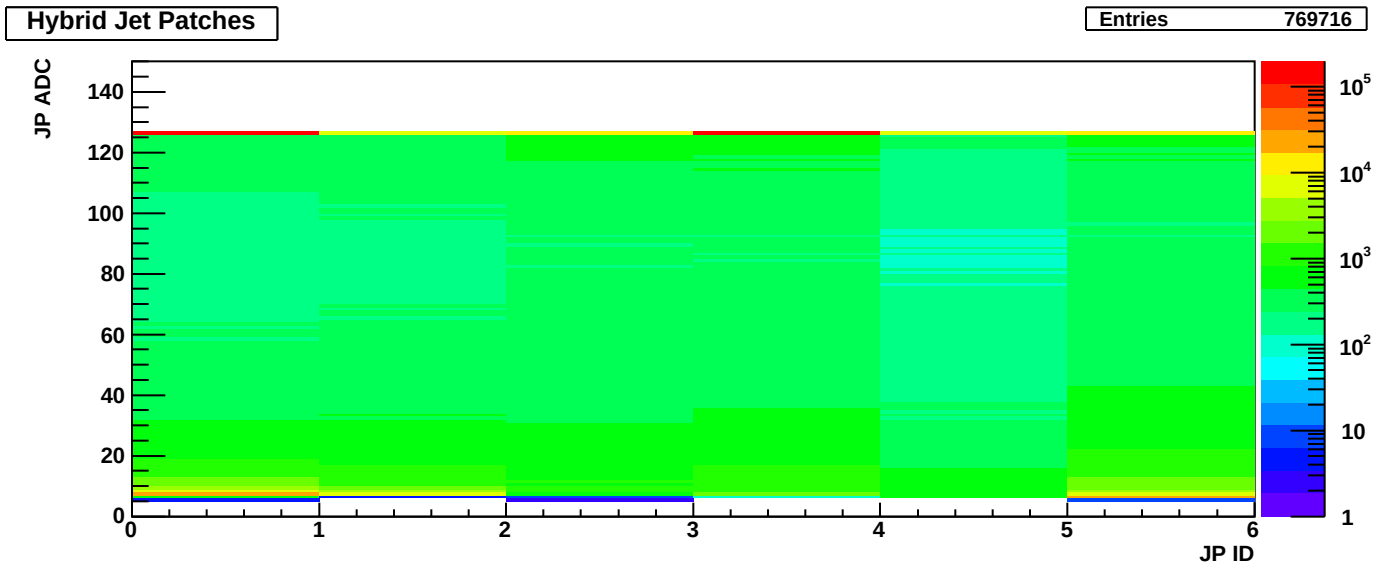

Barrel EMC L0 Input - Patch Sum
Entries 1.154574e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

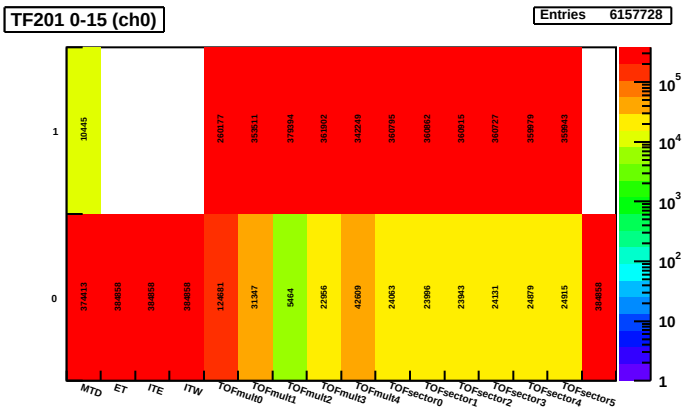

Endcap EMC L0 Input - High Tower
Entries 3.463722e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

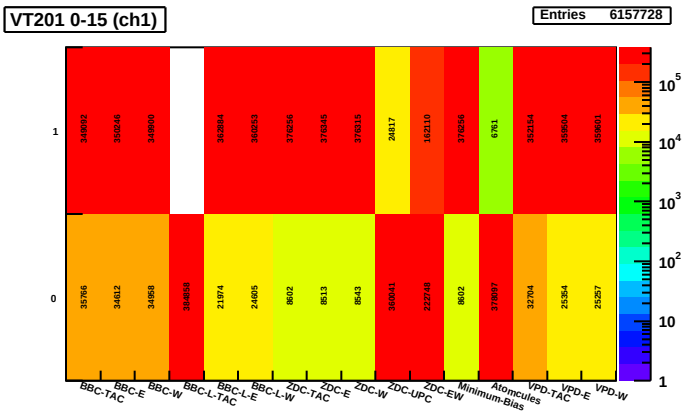

Endcap EMC L0 Input - Patch Sum
Entries 3.463722e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

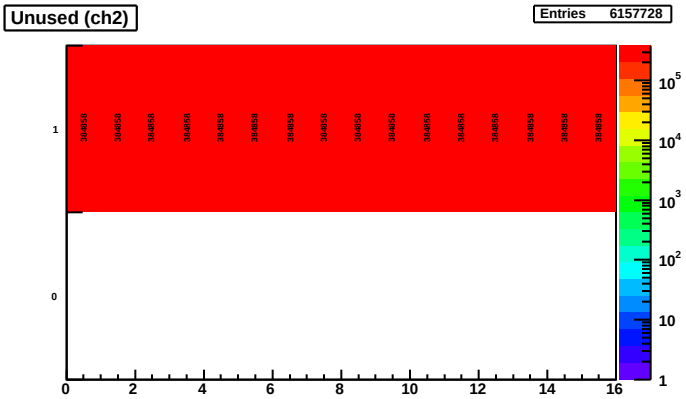

Barrel Jet Patches
Entries 6927444
JP ADC
JP ID

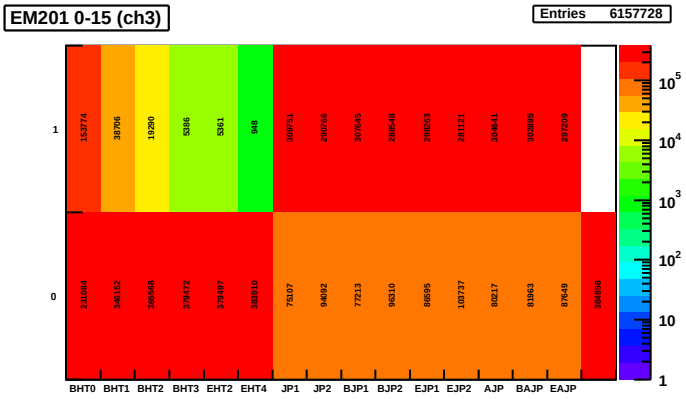

Endcap Jet Patches
Entries 2309148
JP ADC
JP ID

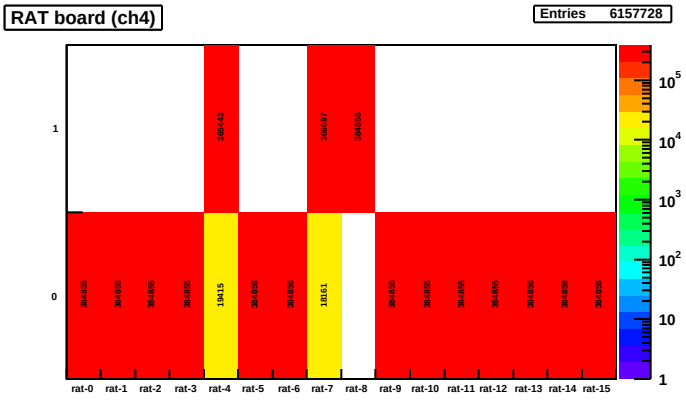

Hybrid Jet Patches
Entries 769716
JP ADC
JP ID

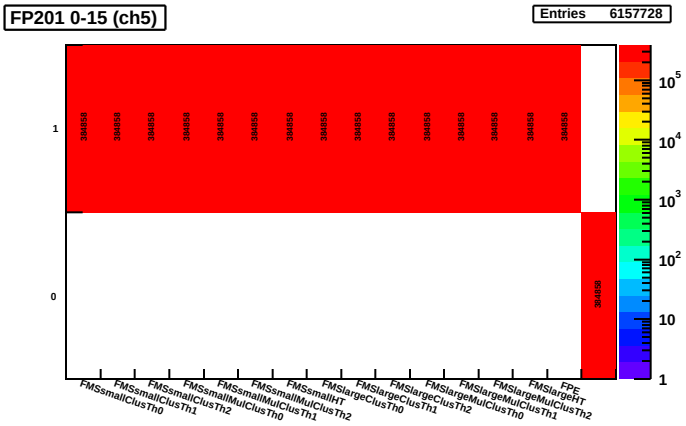

TF201 0-15 (ch0)
Entries 6157728
MTD
ET
ITE
ITW
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFmult4
TOFsector0
TOFsector1
TOFsector2
TOFsector3
TOFsector4
TOFsector5

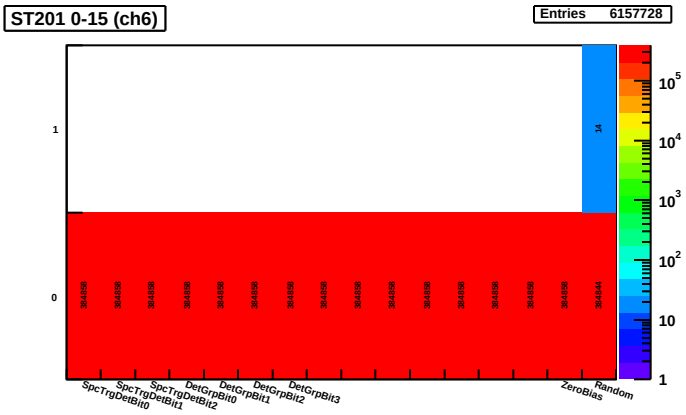

VT201 0-15 (ch1)
Entries 6157728
BBC-TAC
BBC-E
BBC-W
BBC-L-TAC
BBC-L-E
BBC-L-W
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
Minimum-Bias
Atomcules
VPD-TAC
VPD-E
VPD-W

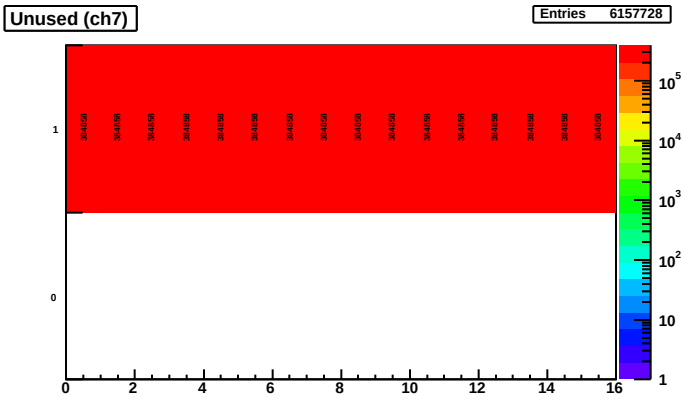

Unused (ch2)
Entries 6157728

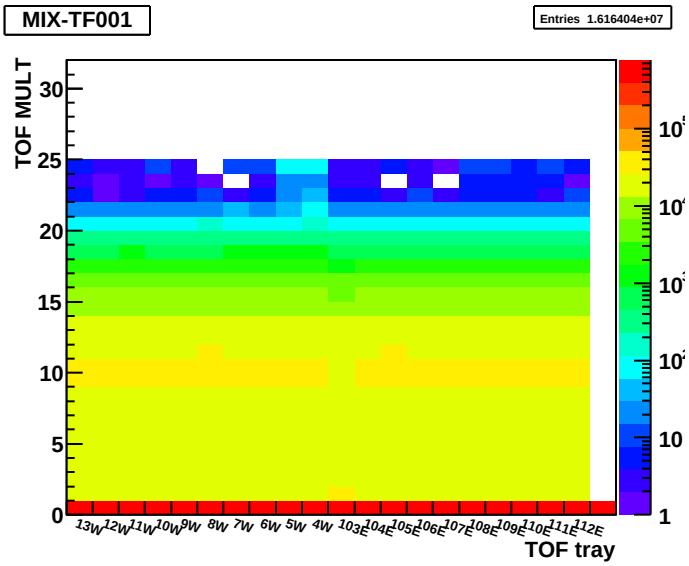

EM201 0-15 (ch3)
Entries 6157728
BHT0
BHT1
BHT2
BHT3
EHT2
EHT4
JP1
JP2
BJP1
BJP2
EJP1
EJP2
AJP
BAJP
EAJP

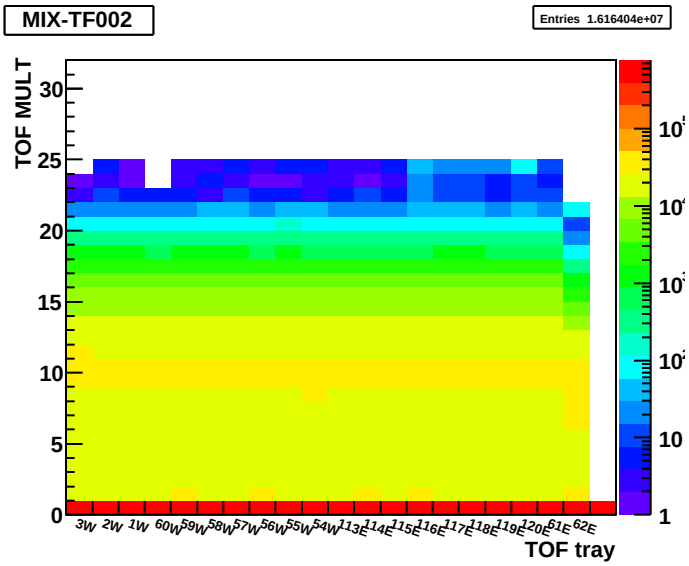

RAT board (ch4)
Entries 6157728
rat-0
rat-1
rat-2
rat-3
rat-4
rat-5
rat-6
rat-7
rat-8
rat-9
rat-10
rat-11
rat-12
rat-13
rat-14
rat-15

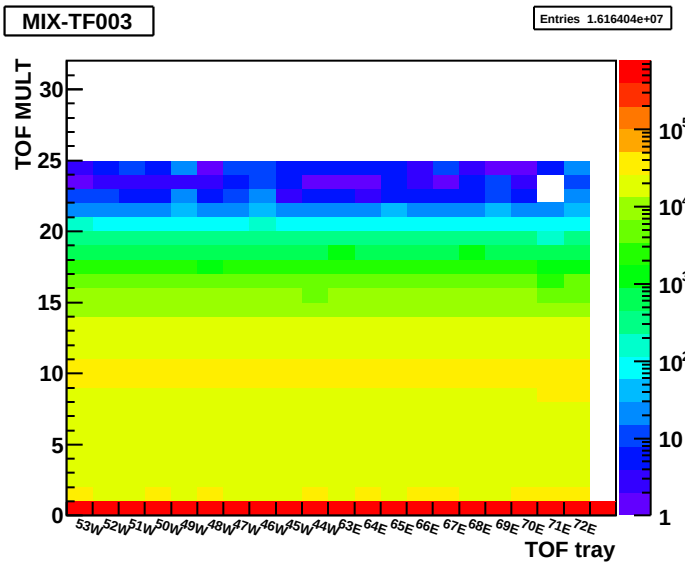

FP201 0-15 (ch5)
Entries 6157728
FMSsmallClusTh0
FMSsmallClusTh1
FMSsmallClusTh2
FMSsmallMulClusTh0
FMSsmallMulClusTh1
FMSsmallMulClusTh2
FMSsmallHT
FMSlargeClusTh0
FMSlargeClusTh1
FMSlargeClusTh2
FMSlargeMulClusTh0
FMSlargeMulClusTh1
FMSlargeMulClusTh2
FMSlargeHT
FPE

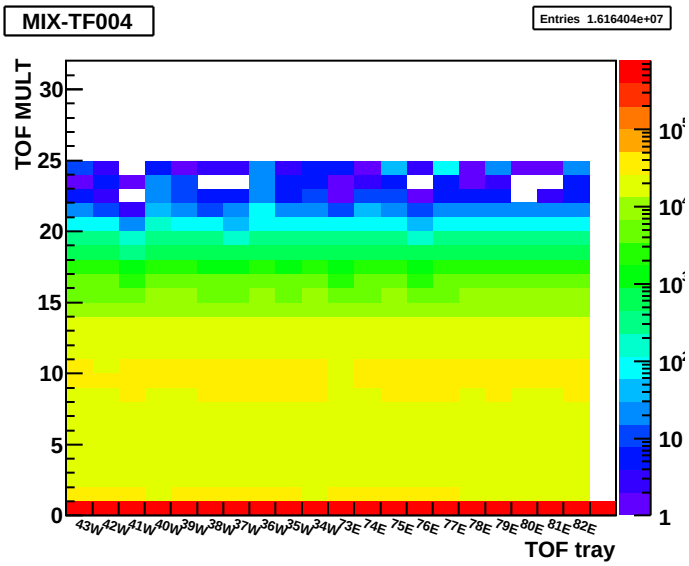

ST201 0-15 (ch6)
Entries 6157728
SpcTrgDetBit0
SpcTrgDetBit1
SpcTrgDetBit2
DetCrpBit0
DetCrpBit1
DetCrpBit2
DetCrpBit3
ZeroBias
Random

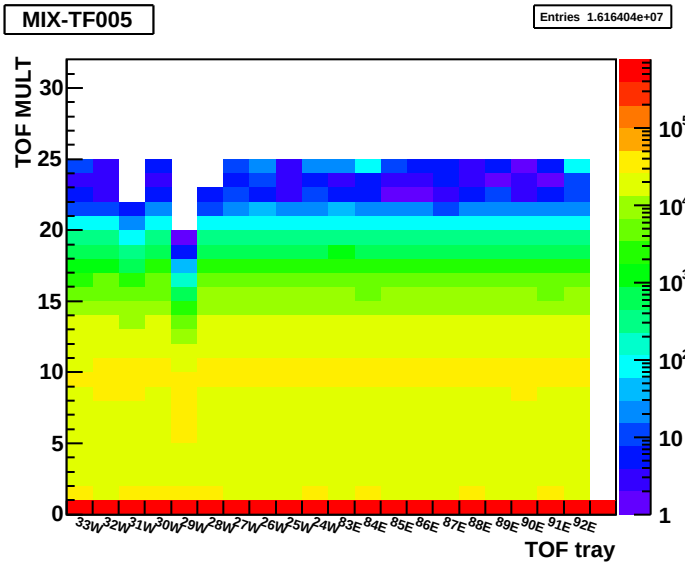

Unused (ch7)
Entries 6157728

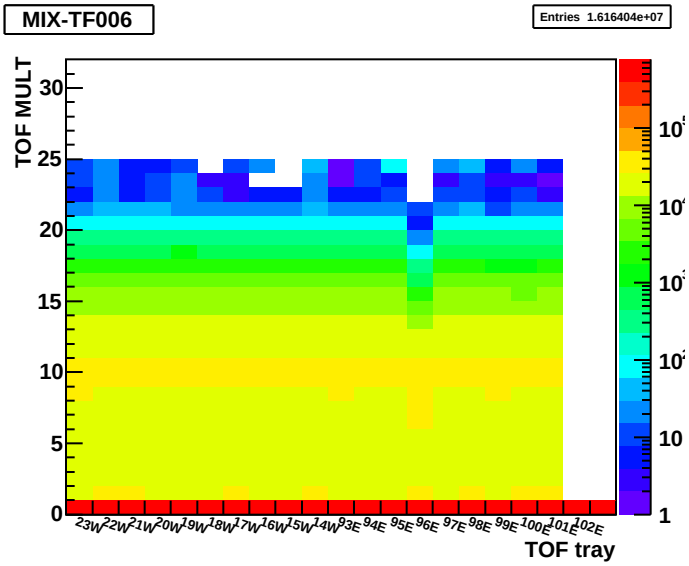

MIX-TF001
Entries 1.616404e+07
TOF MULT
TOF tray

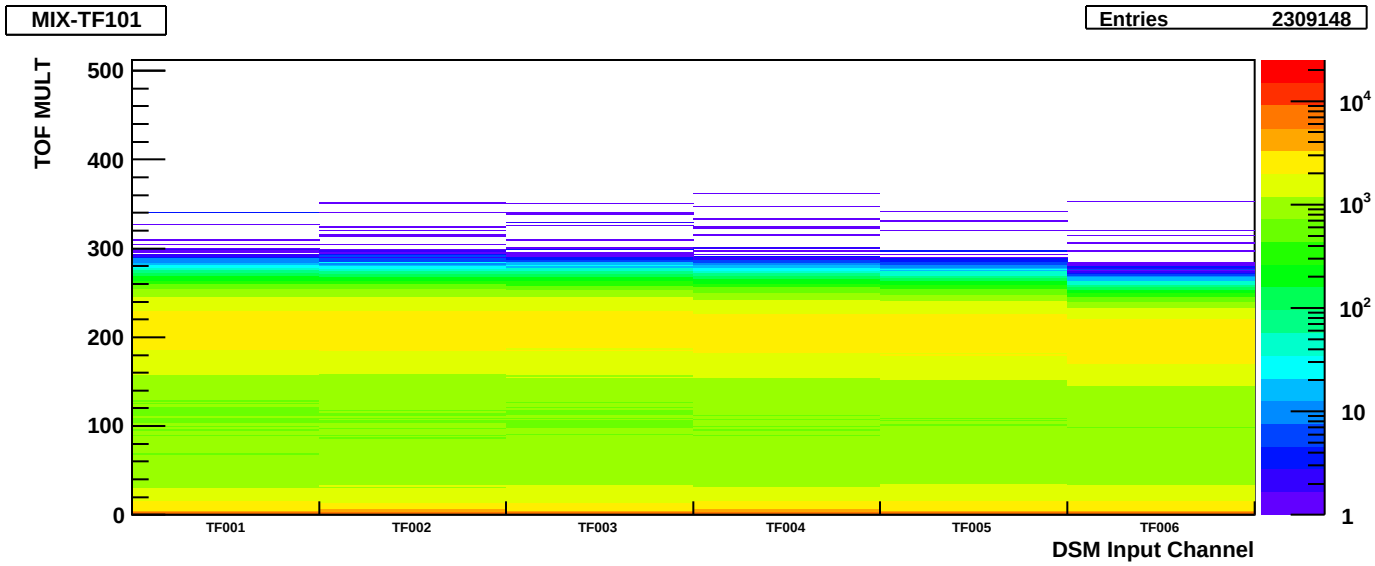

MIX-TF002
Entries 1.616404e+07
TOF MULT
TOF tray

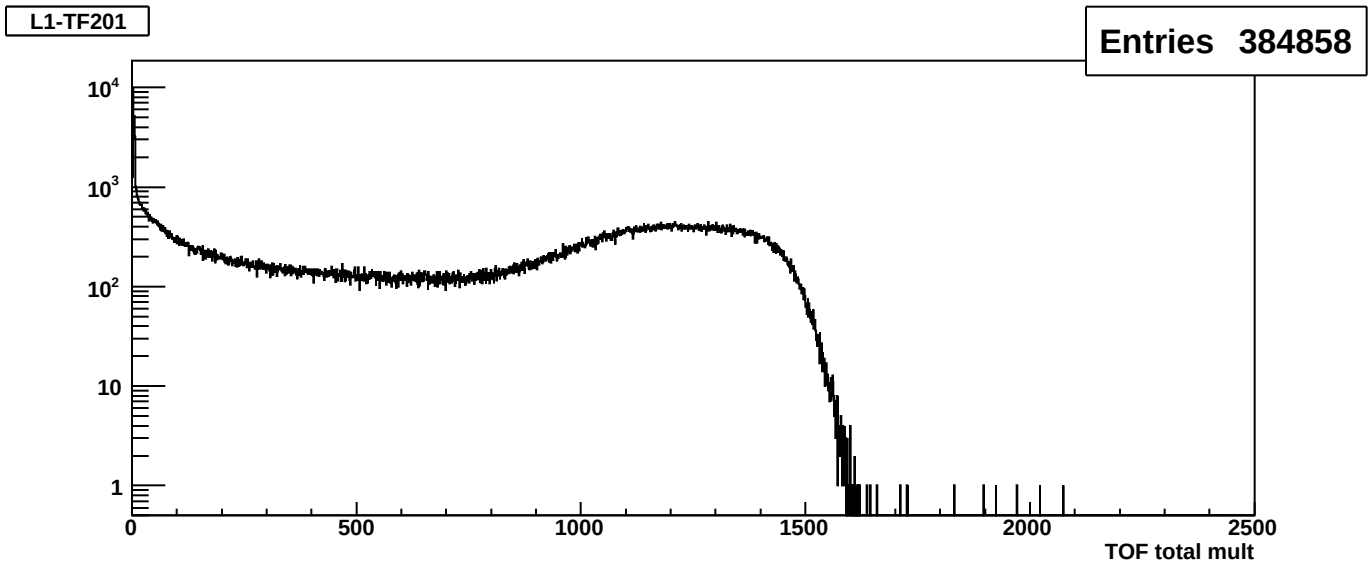

MIX-TF003
Entries 1.616404e+07
TOF MULT
TOF tray

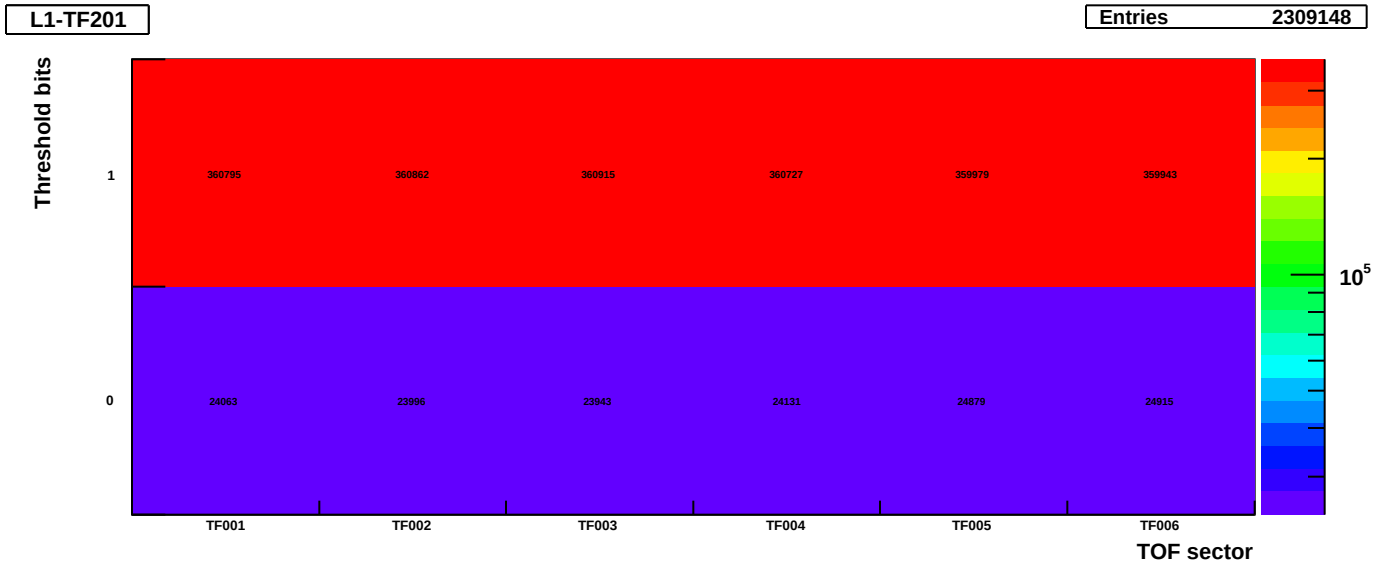

MIX-TF004
Entries 1.616404e+07
TOF MULT
TOF tray

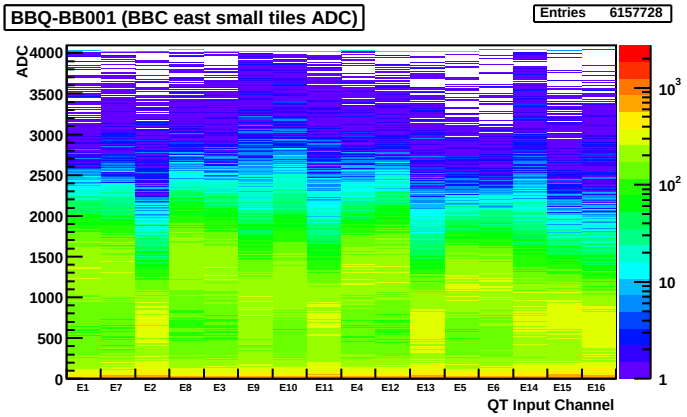

MIX-TF005
Entries 1.616404e+07
TOF MULT
TOF tray

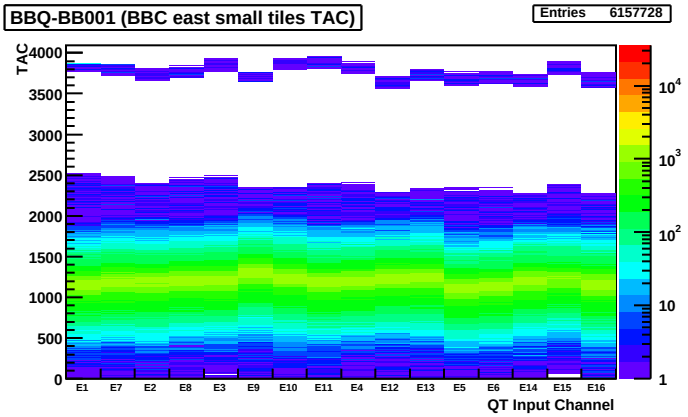

MIX-TF006
Entries 1.616404e+07
TOF MULT
TOF tray

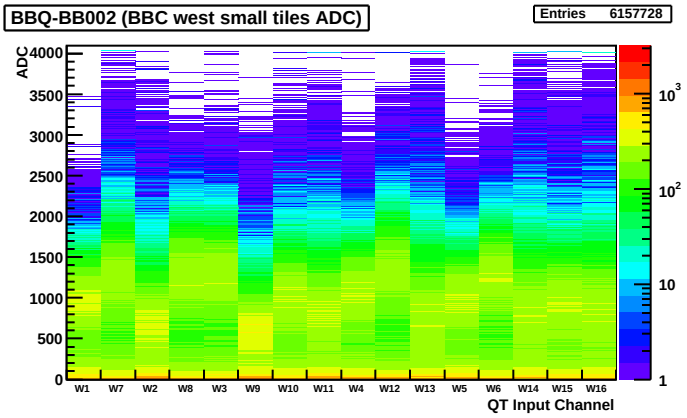

MIX-TF101
Entries 2309148
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^4
10^3
10^2
10
1

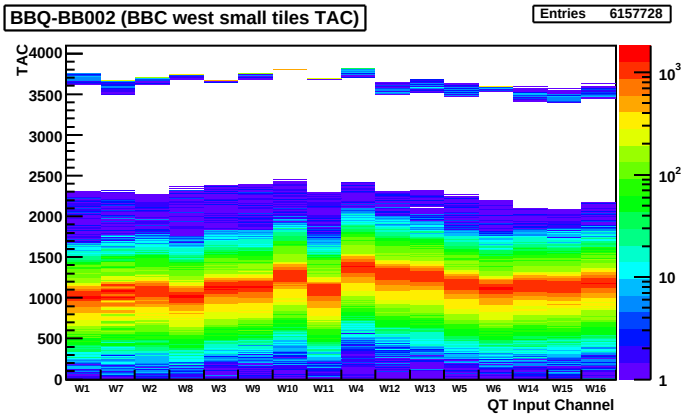

L1-TF201
Entries 384858
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

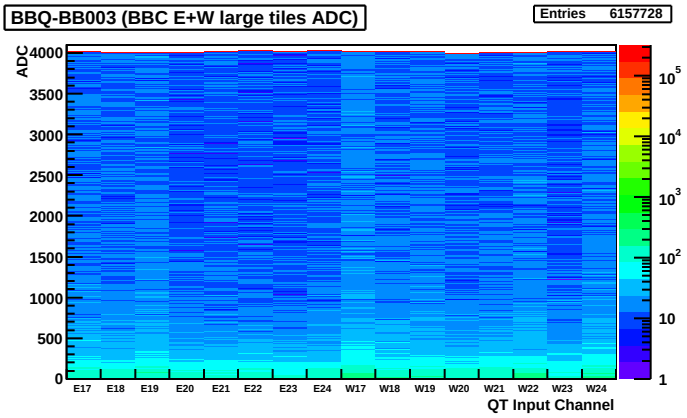

L1-TF201
Entries 2309148
Threshold bits
1
0
360795
360862
360915
360727
359979
359943
24063
23996
23943
24131
24879
24915
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^5

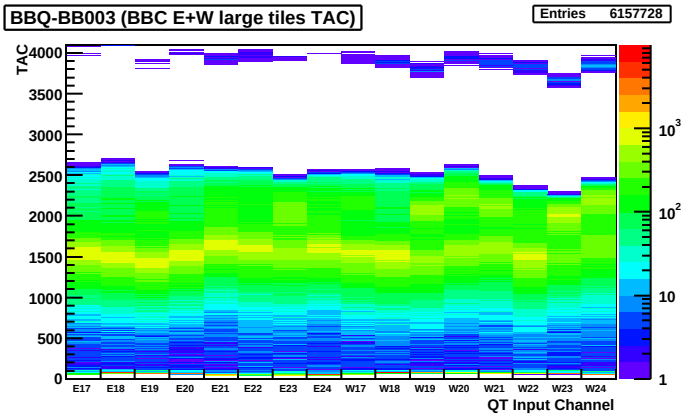

BBQ-BB001 (BBC east small tiles ADC)
Entries 6157728
ADC
QT Input Channel

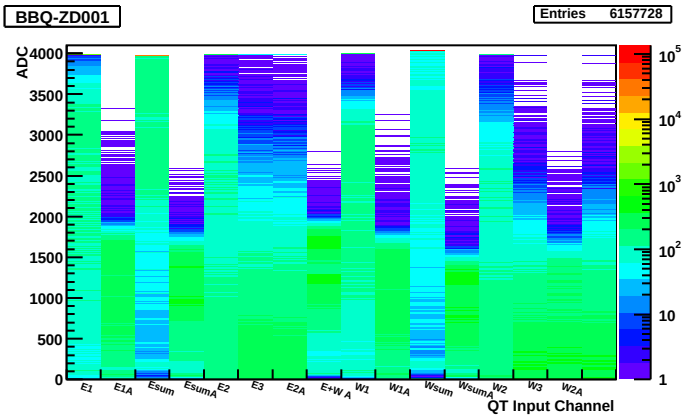

BBQ-BB001 (BBC east small tiles TAC)
Entries 6157728
TAC
QT Input Channel

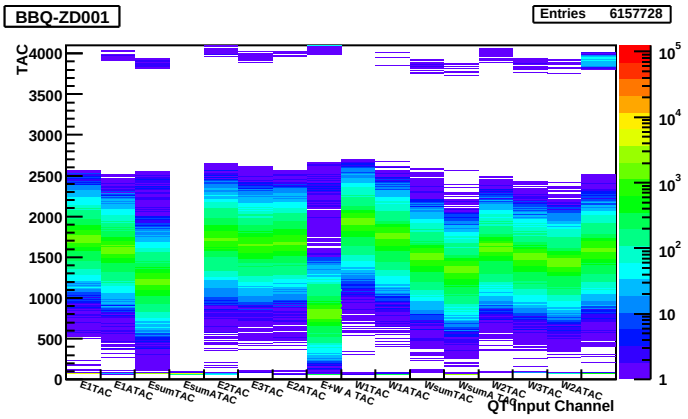

BBQ-BB002 (BBC west small tiles ADC)
Entries 6157728
ADC
QT Input Channel

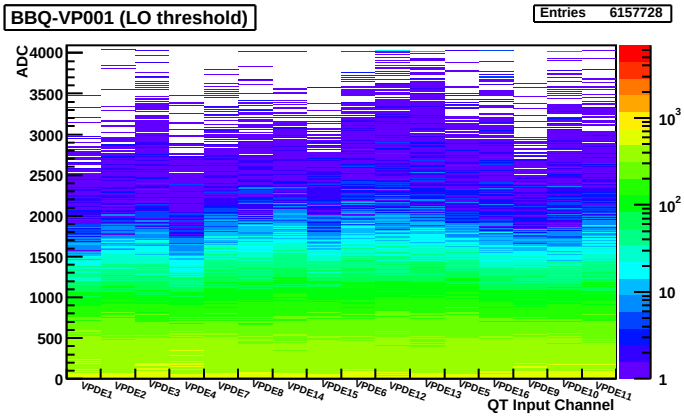

BBQ-BB002 (BBC west small tiles TAC)
Entries 6157728
TAC
QT Input Channel

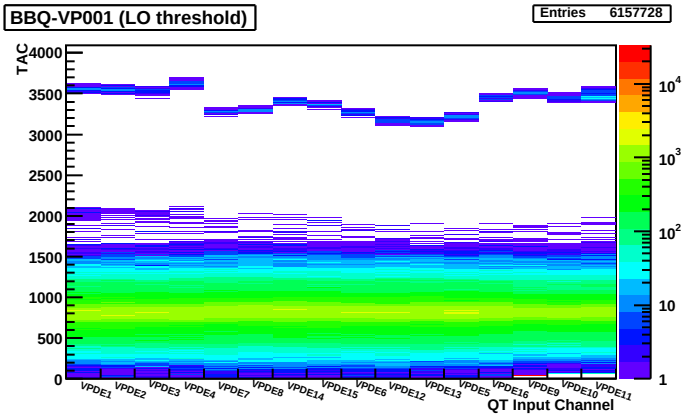

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6157728
ADC
QT Input Channel

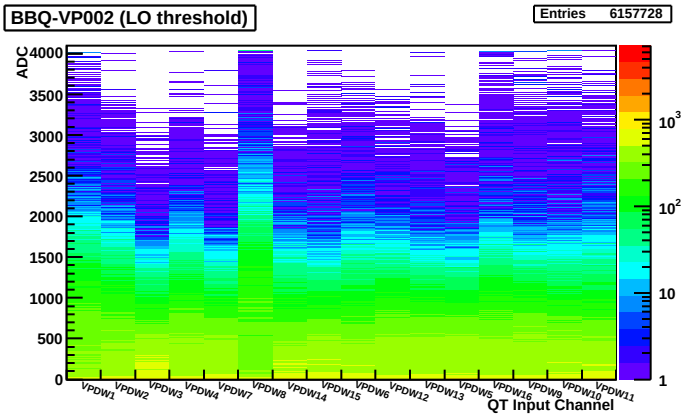

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6157728
TAC
QT Input Channel

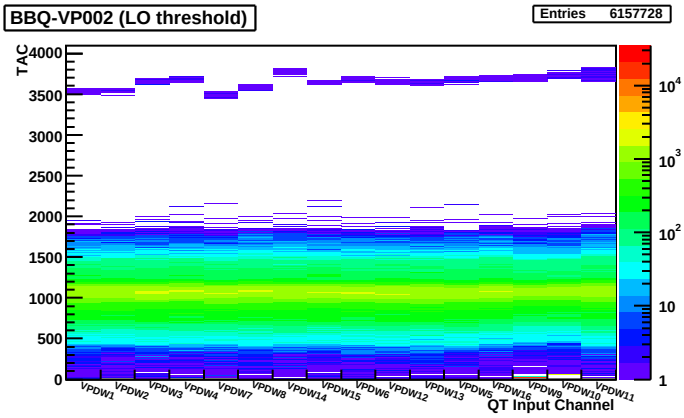

BBQ-ZD001
Entries 6157728
ADC
QT Input Channel

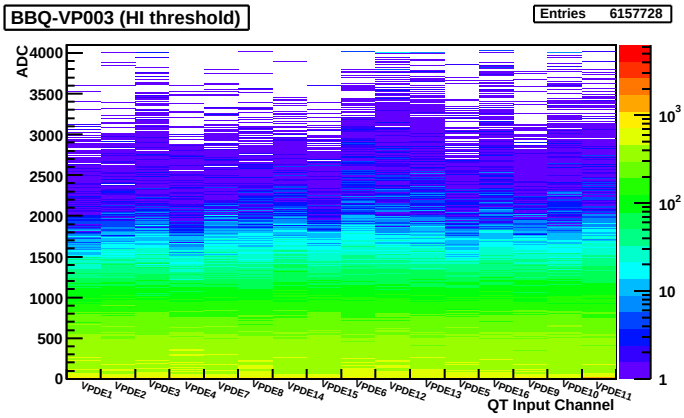

BBQ-ZD001
Entries 6157728
TAC
QT Input Channel

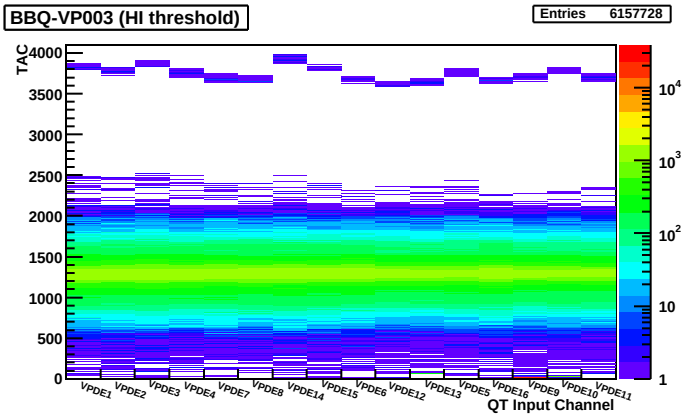

BBQ-VP001 (LO threshold)
Entries 6157728
ADC
QT Input Channel

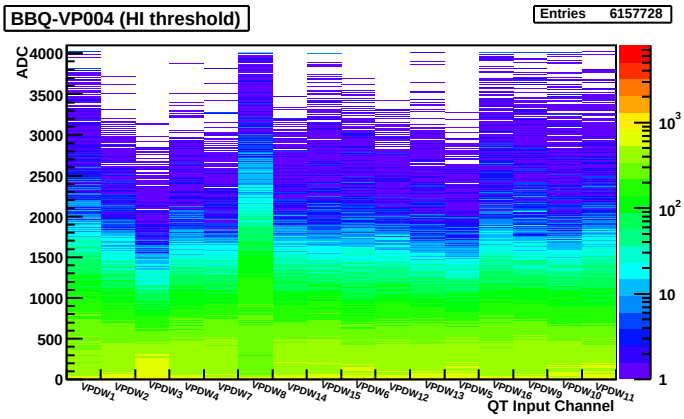

BBQ-VP001 (LO threshold)
Entries 6157728
TAC
QT Input Channel

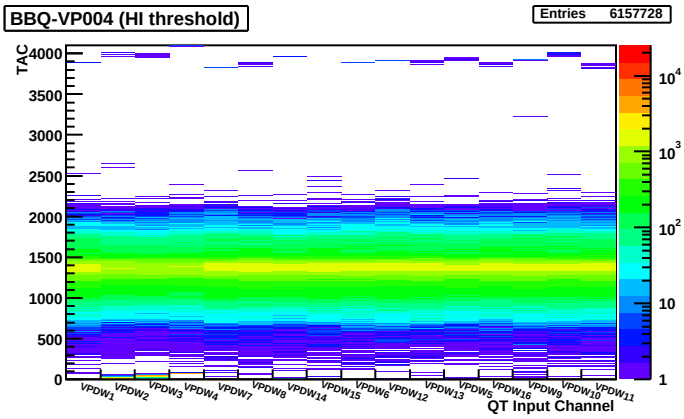

BBQ-VP002 (LO threshold)
Entries 6157728
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 6157728
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 6157728
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 6157728
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 6157728
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 6157728
TAC
QT Input Channel