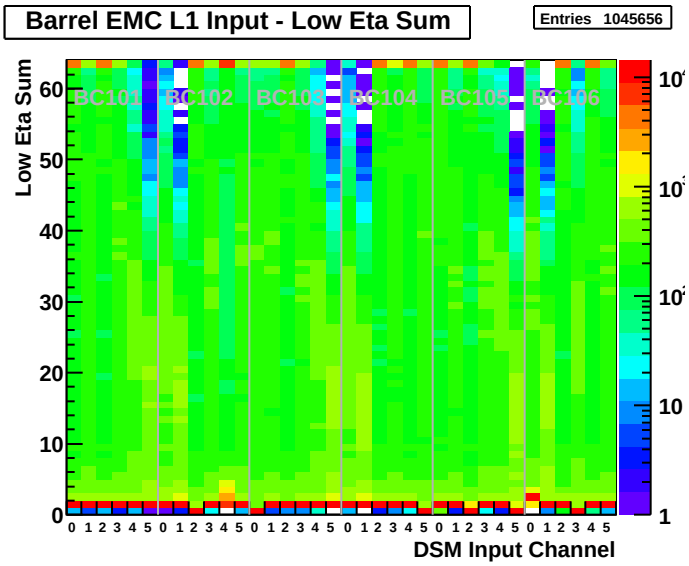
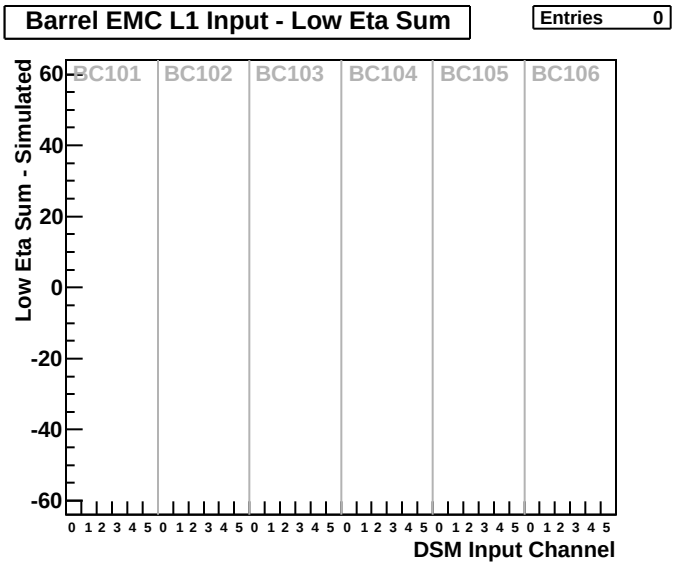
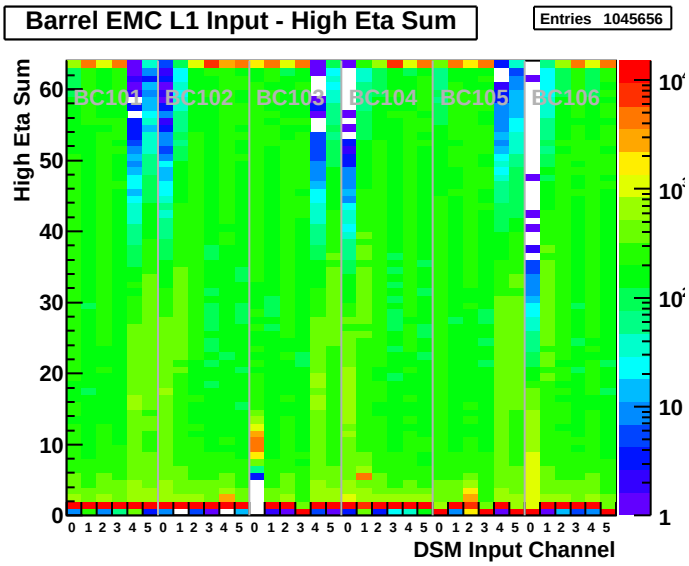
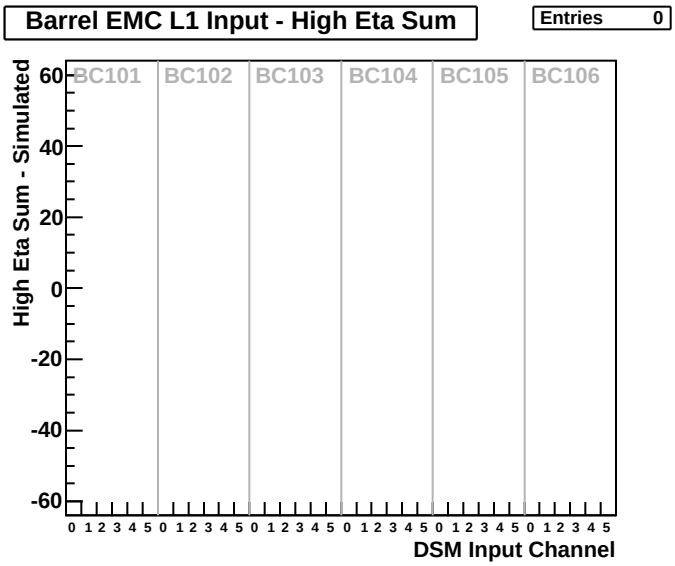
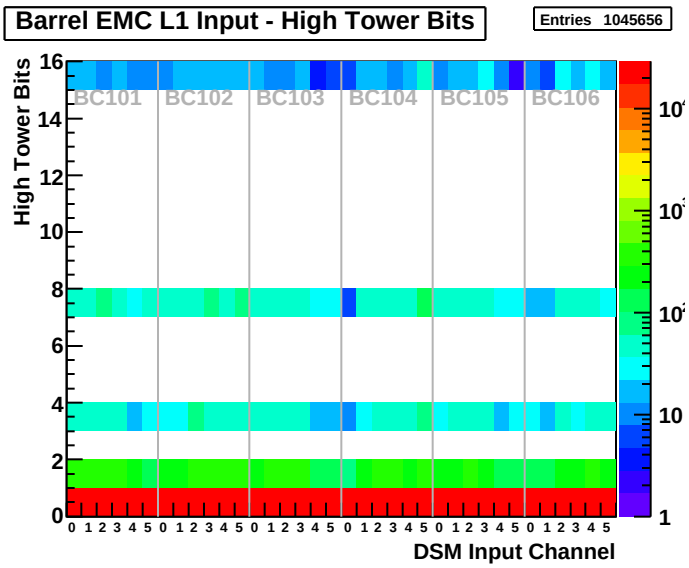
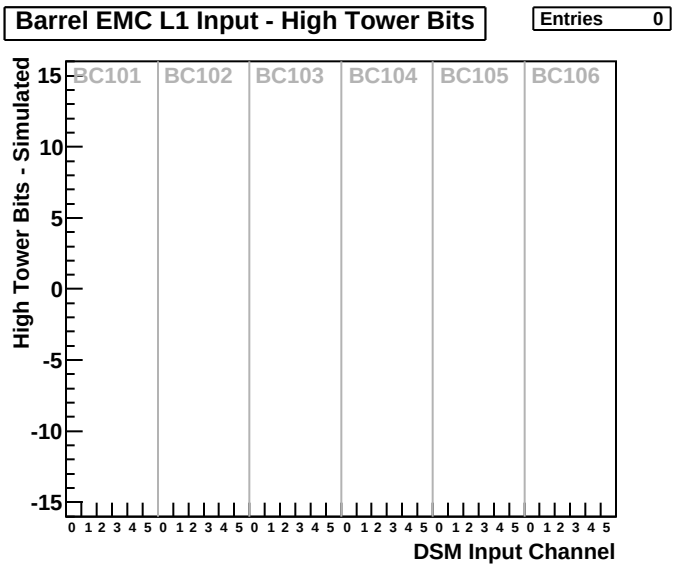

Barrel EMC L1 Input - Low Eta Sum
Entries 1045656
Low Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

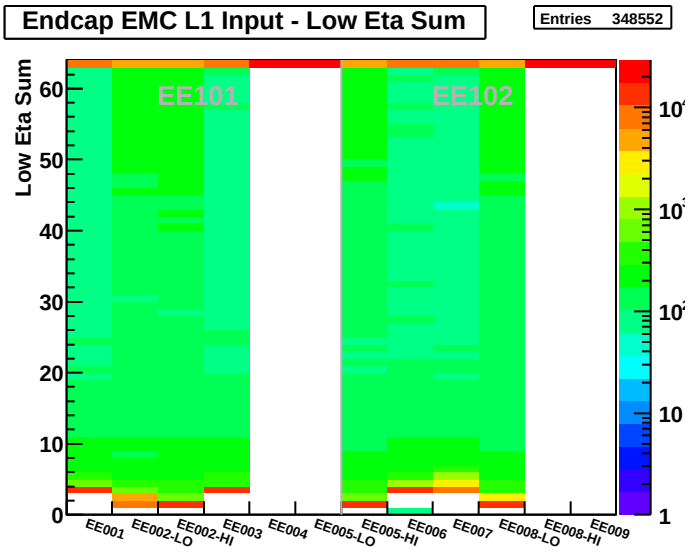

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

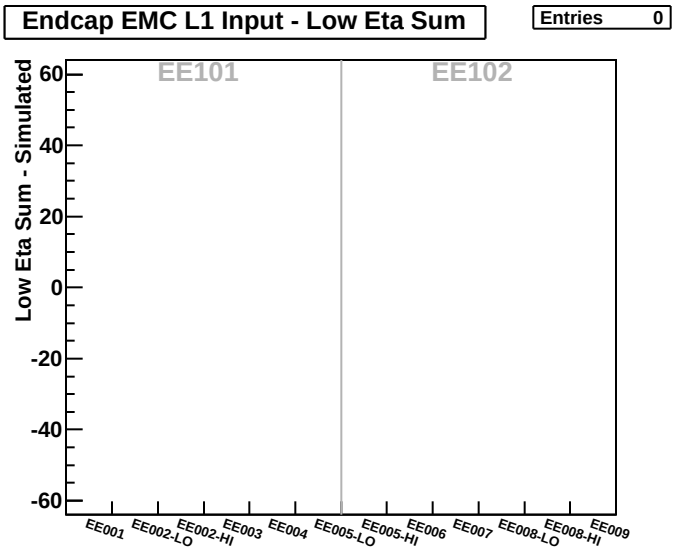

Barrel EMC L1 Input - High Eta Sum
Entries 1045656
High Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

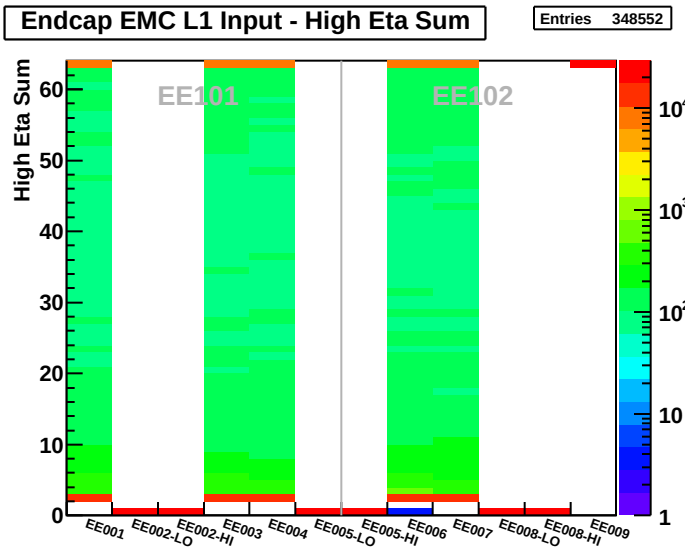

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

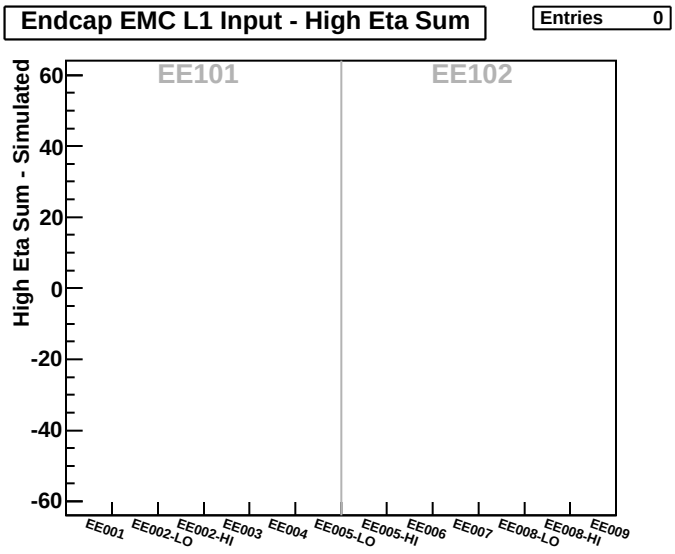

Barrel EMC L1 Input - High Tower Bits
Entries 1045656
High Tower Bits
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

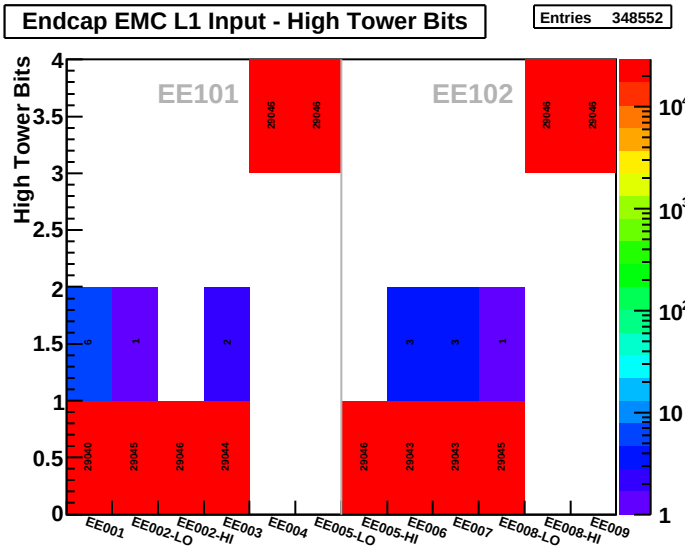

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

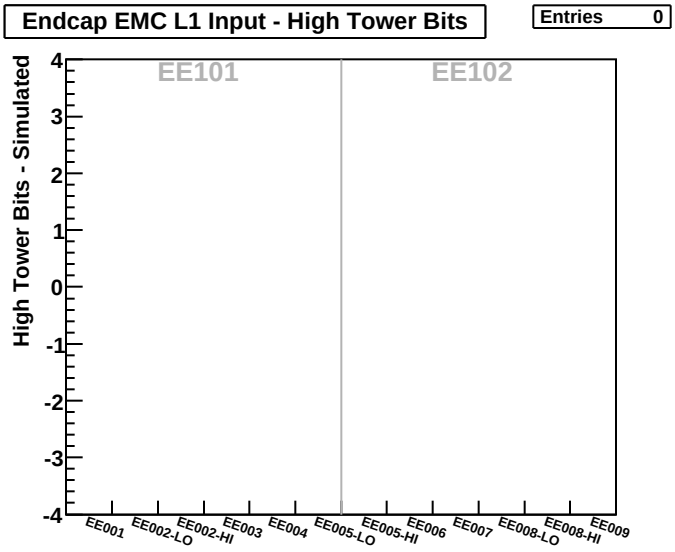

Endcap EMC L1 Input - Low Eta Sum
Entries 348552
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

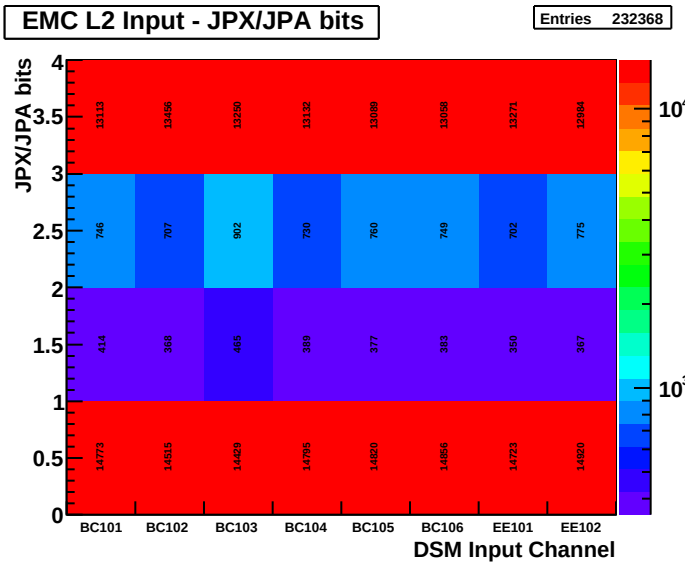

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

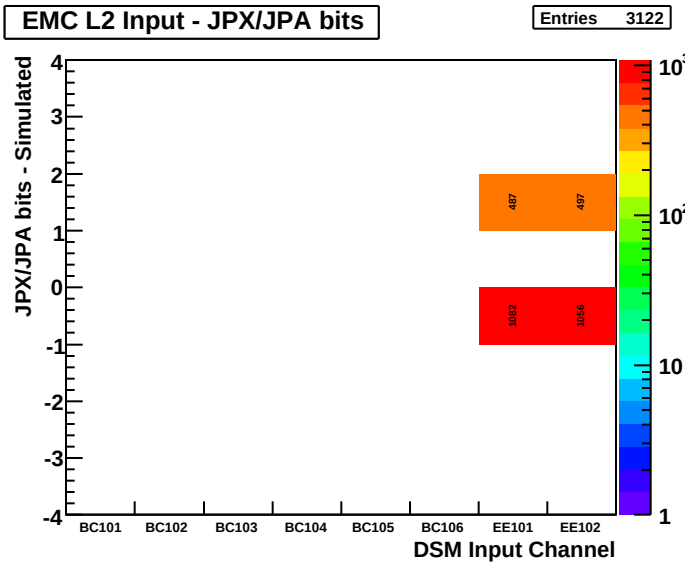

Endcap EMC L1 Input - High Eta Sum
Entries 348552
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

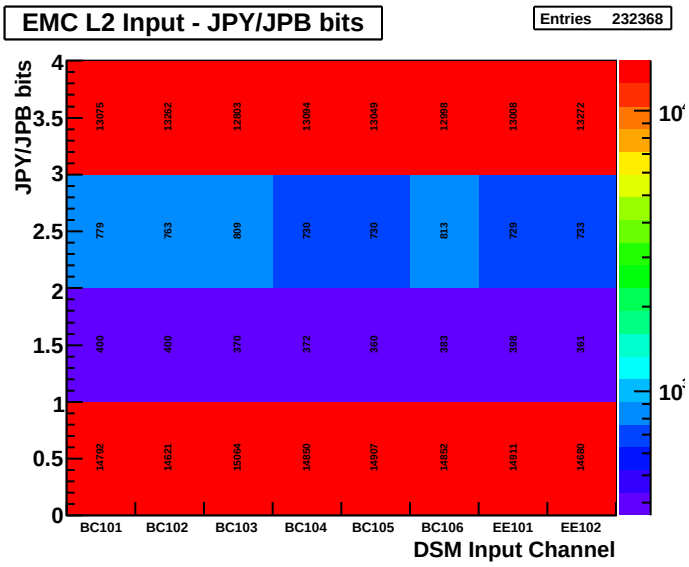

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

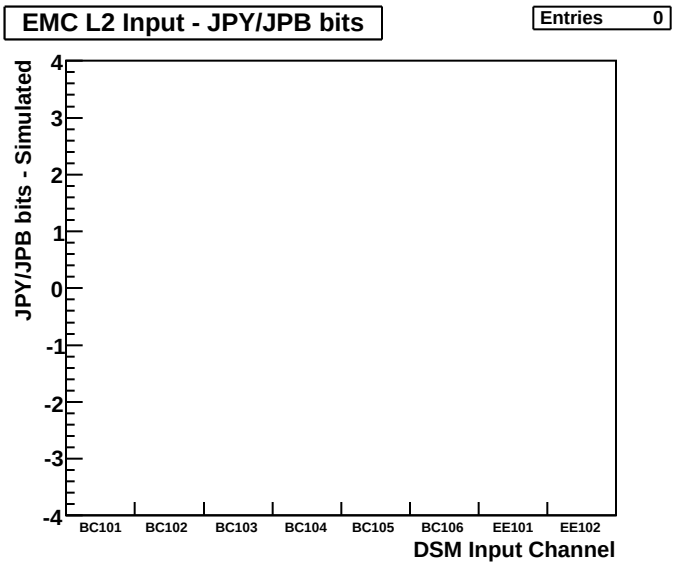

Endcap EMC L1 Input - High Tower Bits
Entries 348552
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

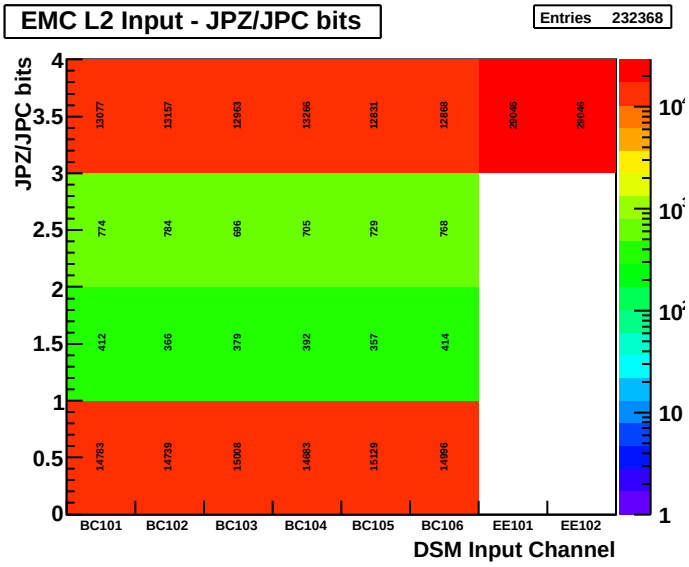

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

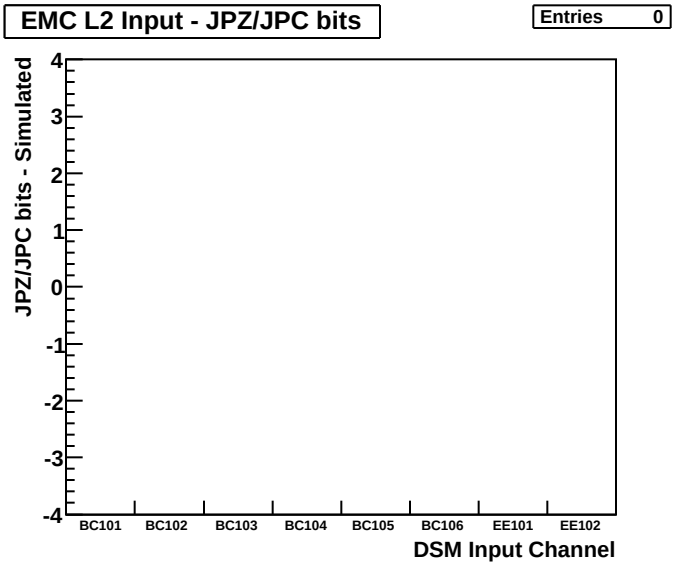

EMC L2 Input - JPX/JPA bits
Entries 232368
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
13113 13466 13250 13132 13089 13058 13271 12984
746 707 902 730 760 749 702 775
414 368 465 389 377 383 350 367
14773 14515 14429 14795 14820 14856 14723 14920

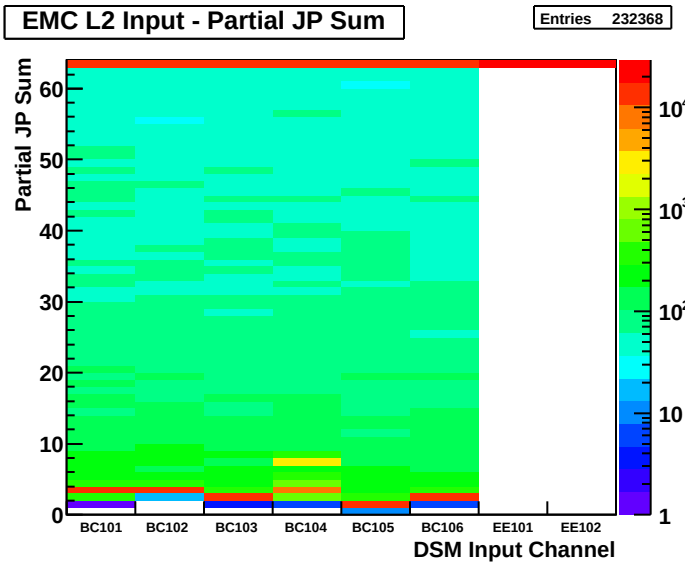

EMC L2 Input - JPX/JPA bits
Entries 3122
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
487 497
1082 1056

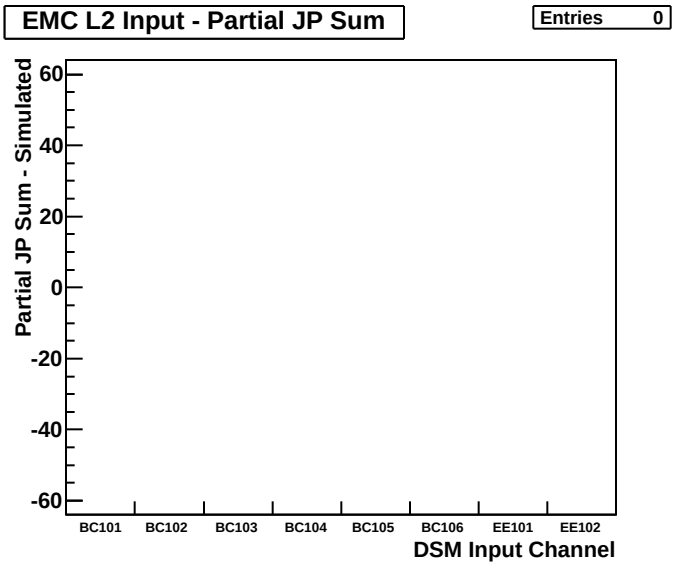

EMC L2 Input - JPY/JPB bits
Entries 232368
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
13075 13262 12803 13084 13049 12998 13008 13272
779 763 809 730 730 813 729 733
400 400 370 372 360 383 398 361
14792 14621 15064 14850 14907 14852 14911 14680

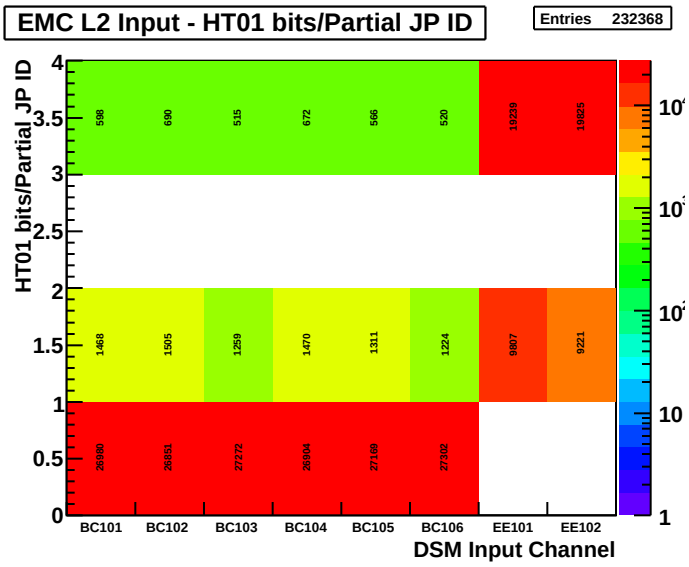

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

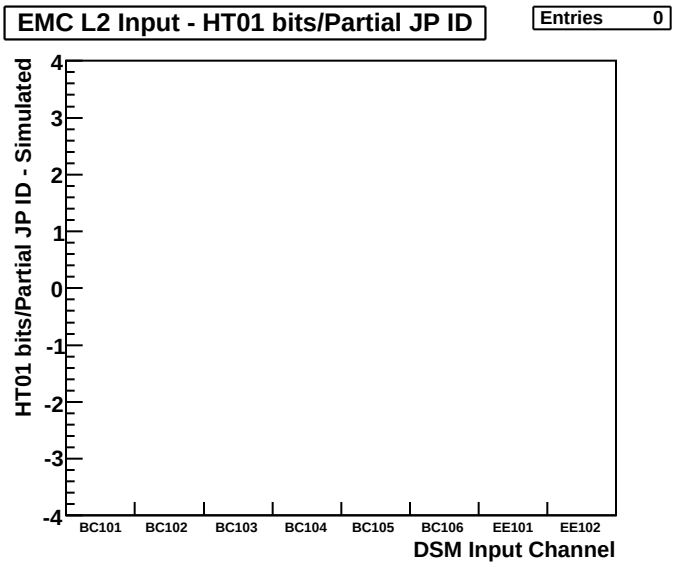

EMC L2 Input - JPZ/JPC bits
Entries 232368
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
13077 13157 12963 13266 12831 12868 29046 29046
774 784 696 705 729 768
412 366 379 392 357 414
14783 14739 15008 14683 15129 14996

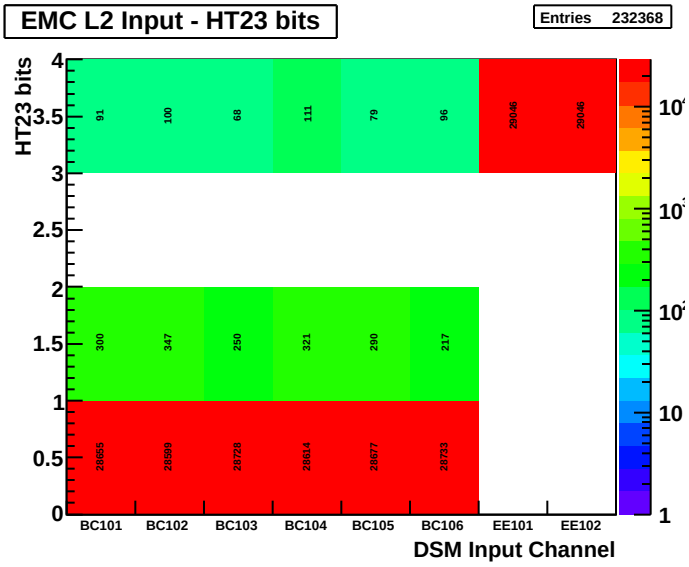

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

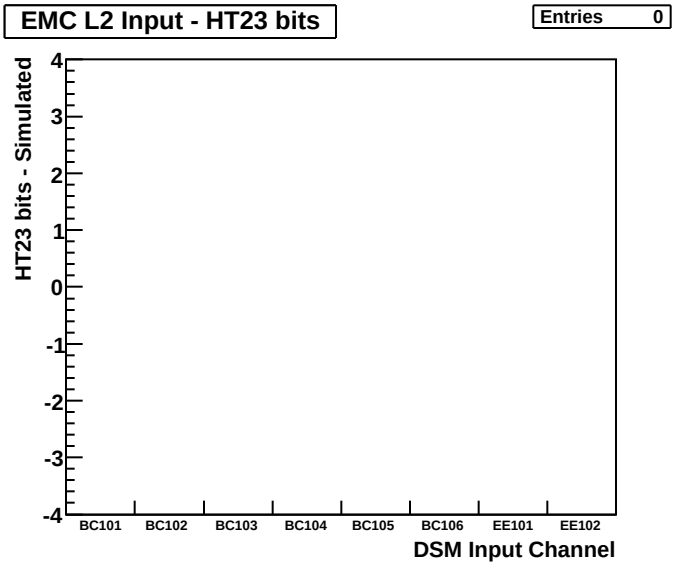

EMC L2 Input - Partial JP Sum
Entries 232368
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

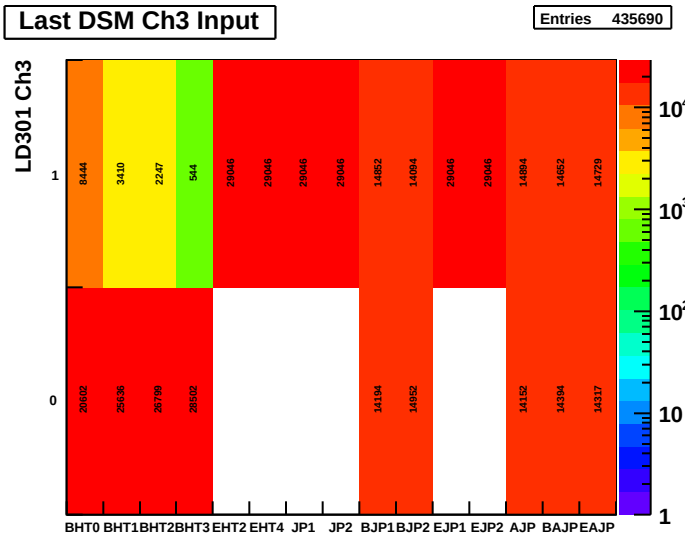

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

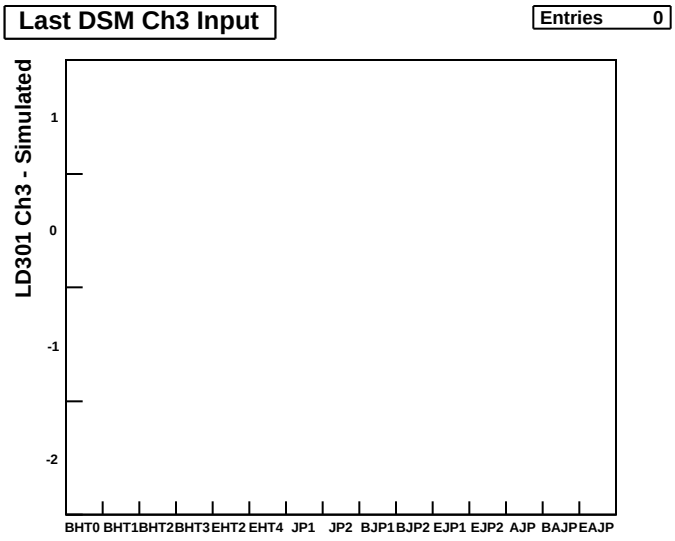

EMC L2 Input - HT01 bits/Partial JP ID
Entries 232368
HT01 bits/Partial JP ID
598 690 515 672 566 520 19239 19825
1468 1505 1259 1470 1311 1224 9807 9221
26980 26851 27272 26904 27169 27302
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

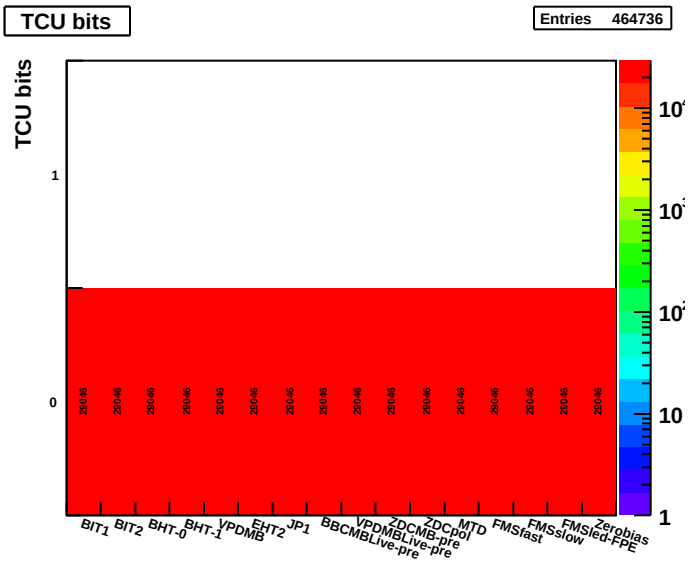

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

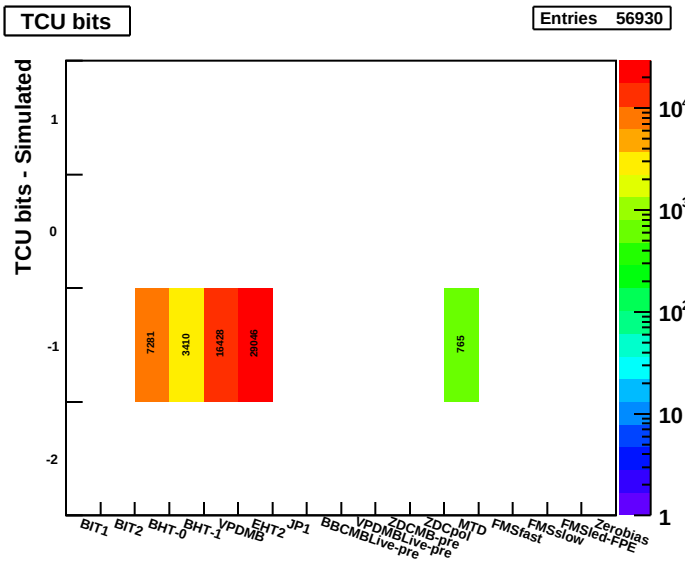

EMC L2 Input - HT23 bits
Entries 232368
HT23 bits
91 100 68 111 79 96 29046 29046
300 347 250 321 290 217
28655 28599 28728 28614 28677 28733
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

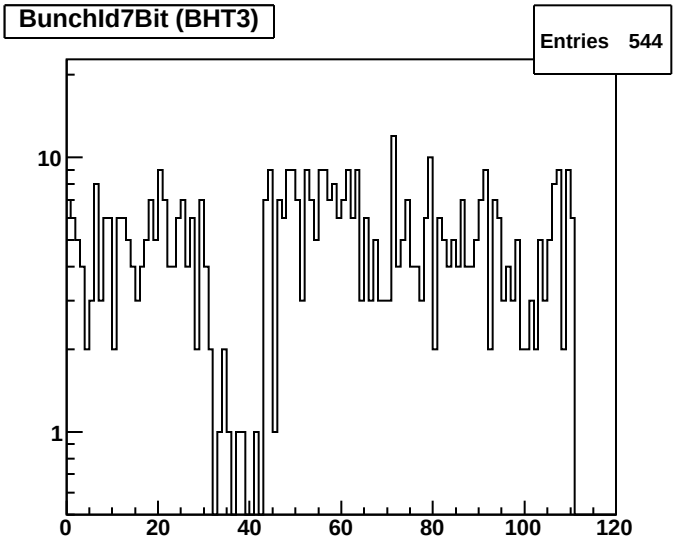

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

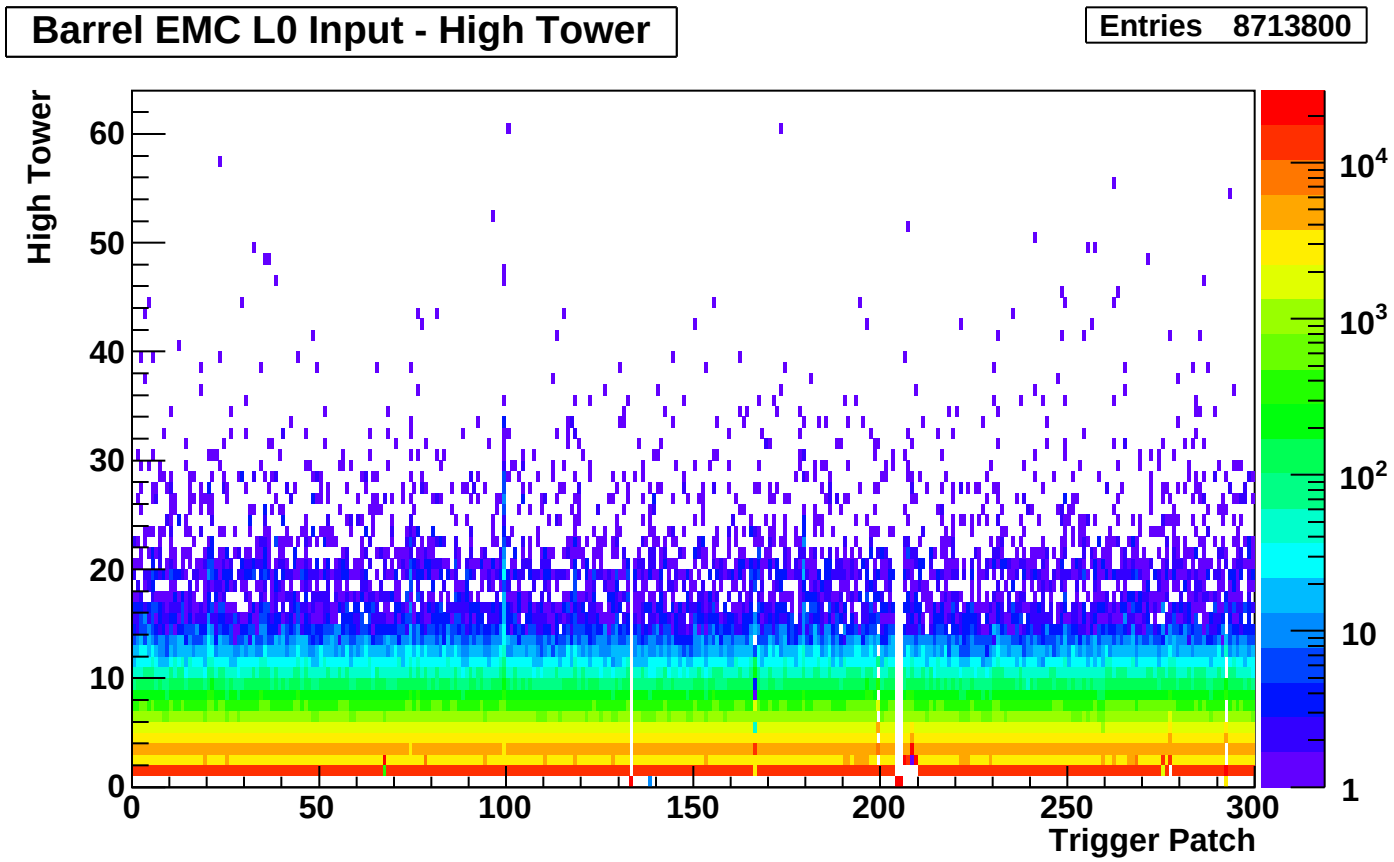

Last DSM Ch3 Input
Entries 435690
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

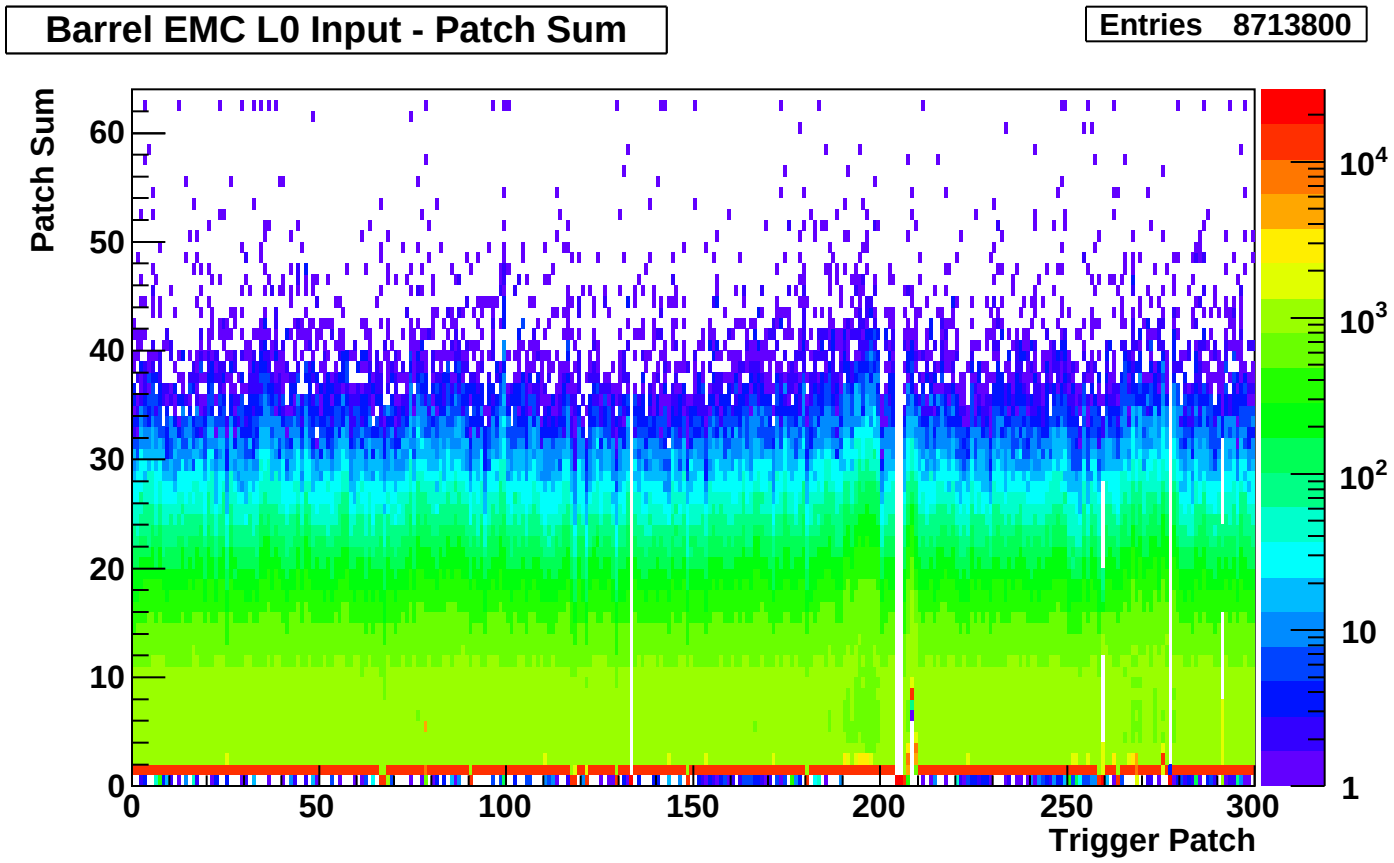

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

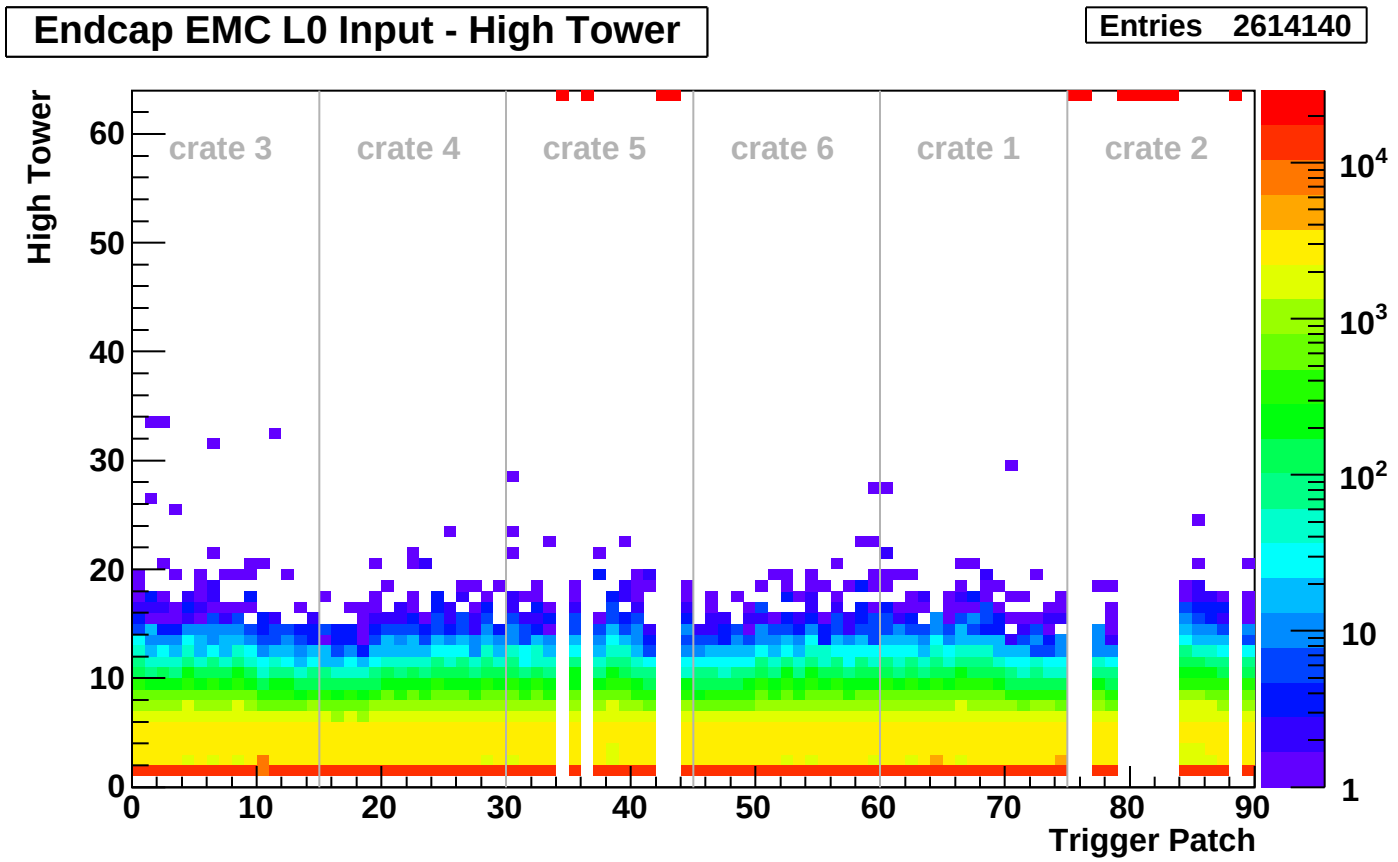

TCU bits
Entries 464736
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

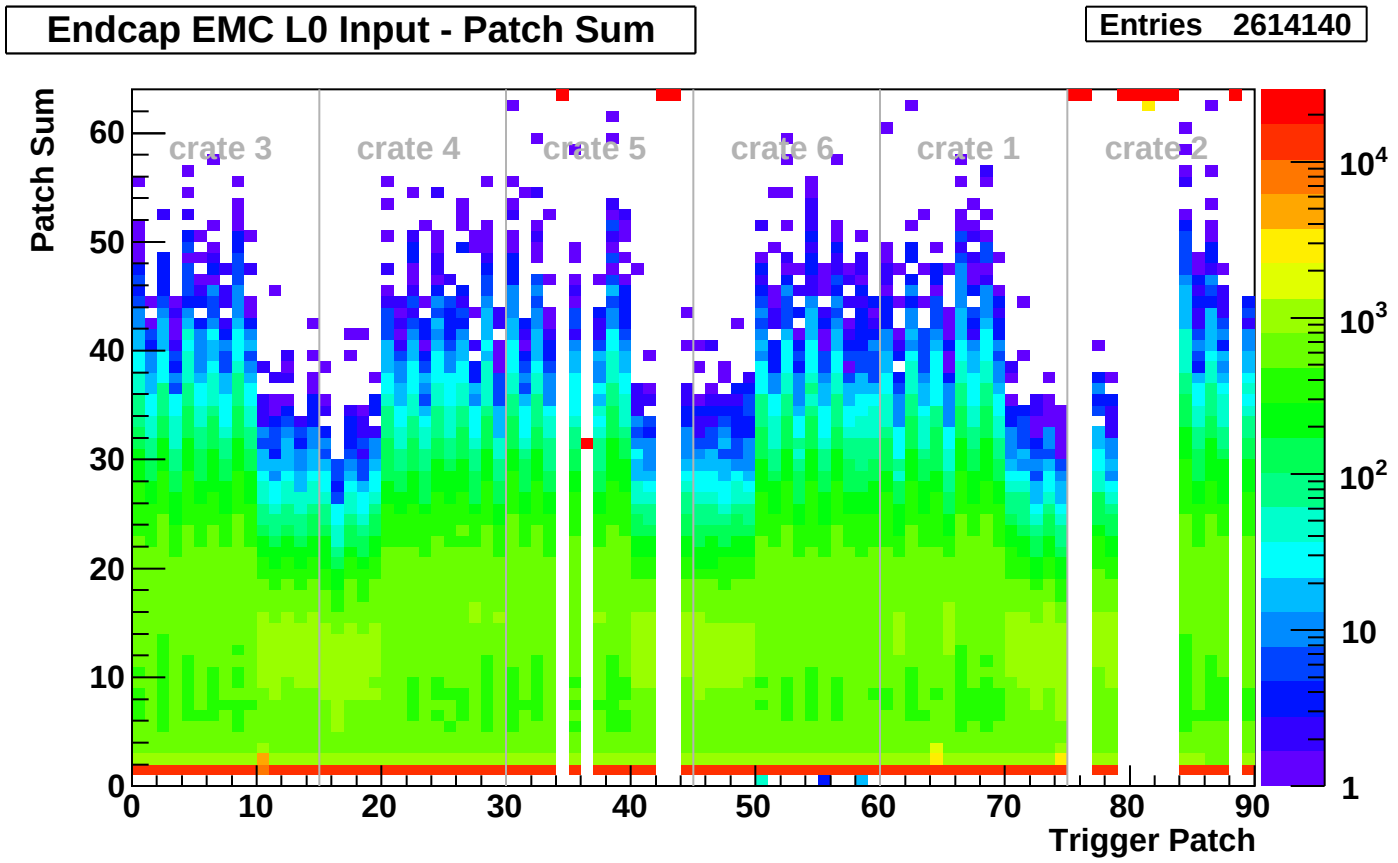

TCU bits
Entries 56930
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

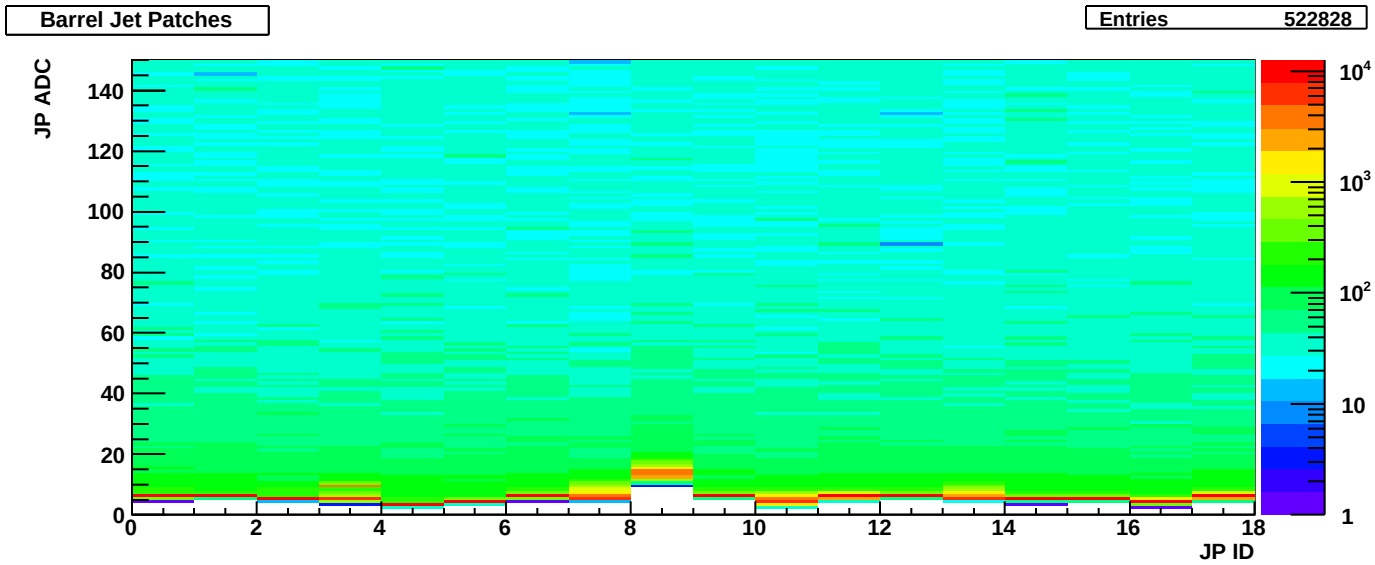

BunchId7Bit (BHT3)
Entries 544

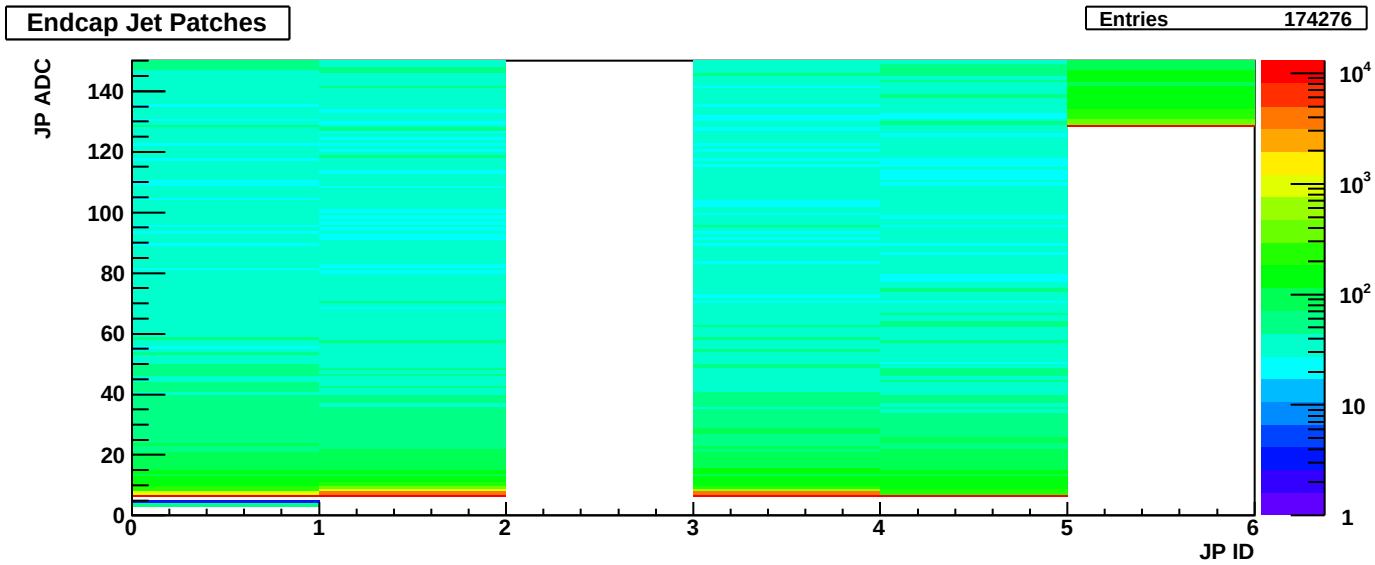

Barrel EMC L0 Input - High Tower
Entries 8713800
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

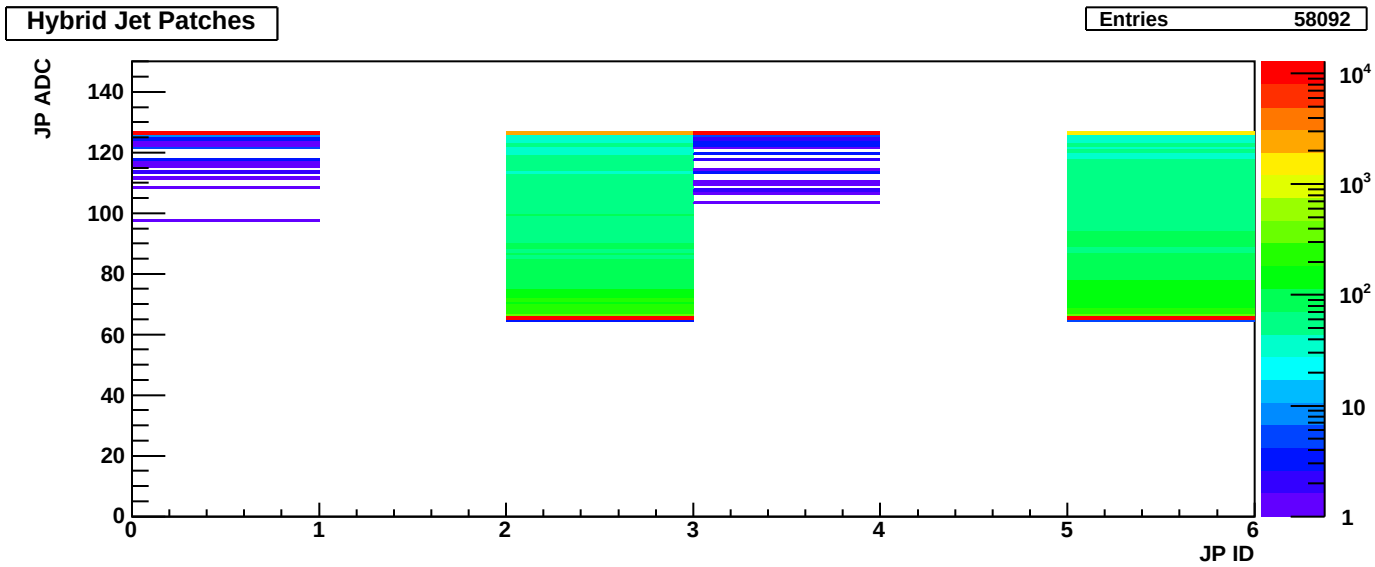

Barrel EMC L0 Input - Patch Sum
Entries 8713800
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

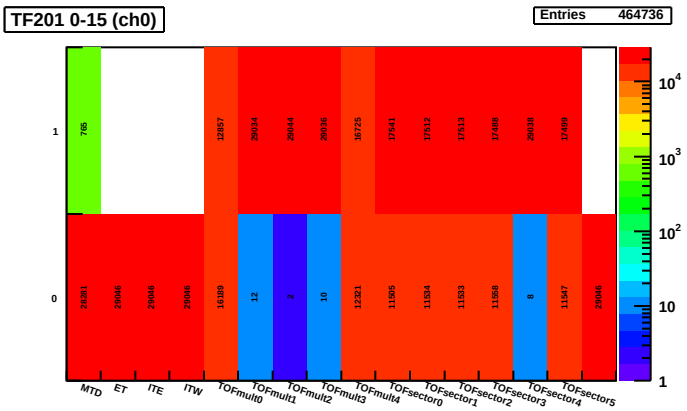

Endcap EMC L0 Input - High Tower
Entries 2614140
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

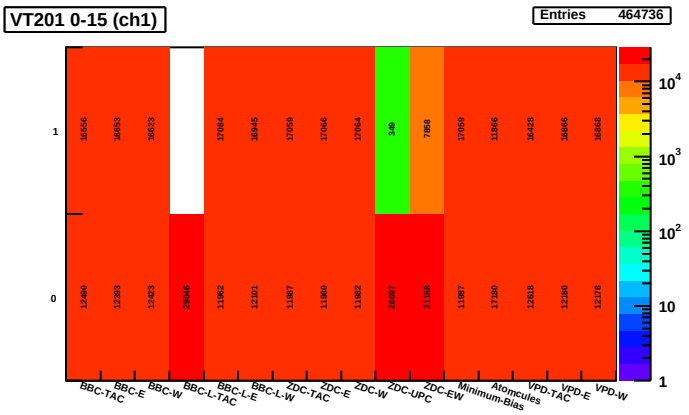

Endcap EMC L0 Input - Patch Sum
Entries 2614140
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

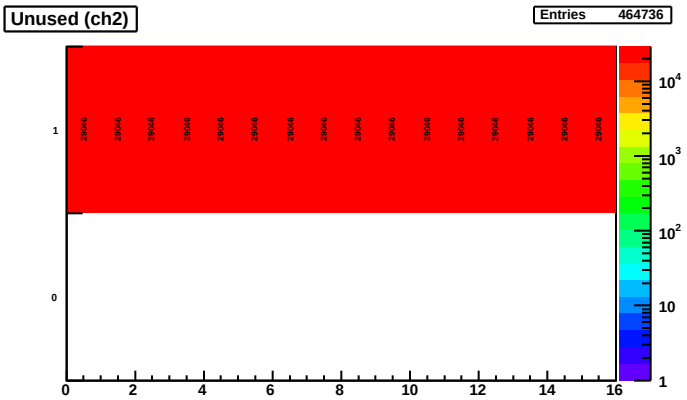

Barrel Jet Patches
Entries 522828
JP ADC
JP ID

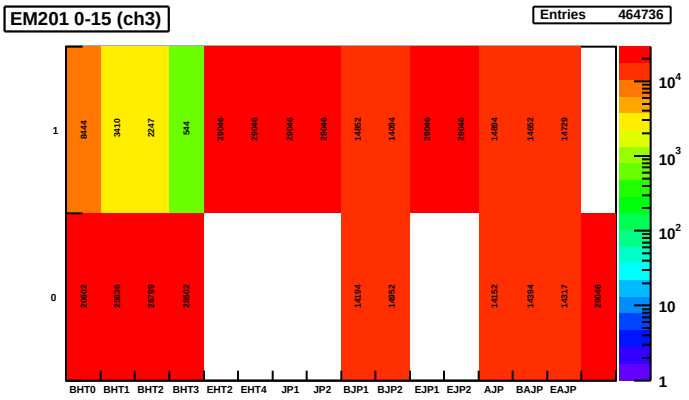

Endcap Jet Patches
Entries 174276
JP ADC
JP ID

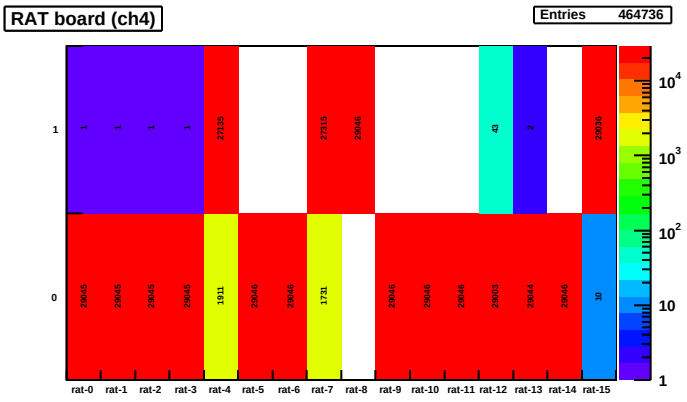

Hybrid Jet Patches
Entries 58092
JP ADC
JP ID

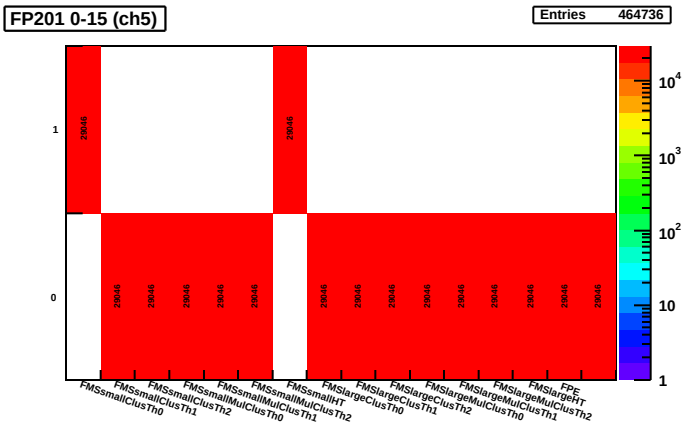

TF201 0-15 (ch0)
Entries 464736
MTD
ET
ITE
ITW
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFmult4
TOFsector0
TOFsector1
TOFsector2
TOFsector3
TOFsector4
TOFsector5

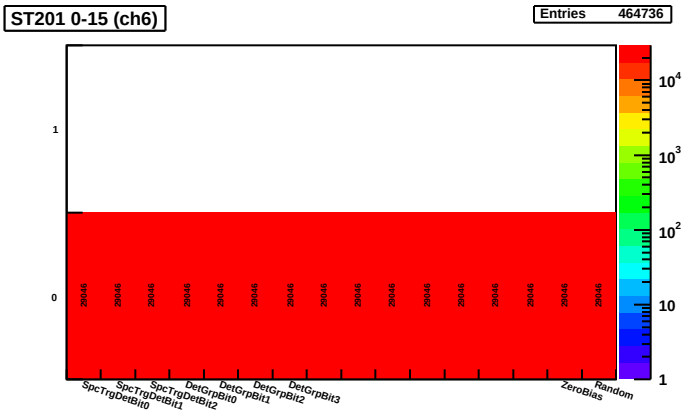

VT201 0-15 (ch1)
Entries 464736
BBC-TAC
BBC-E
BBC-W
BBC-L-TAC
BBC-L-E
BBC-L-W
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
Minimum-Bias
Atomcules
VPD-TAC
VPD-E
VPD-W

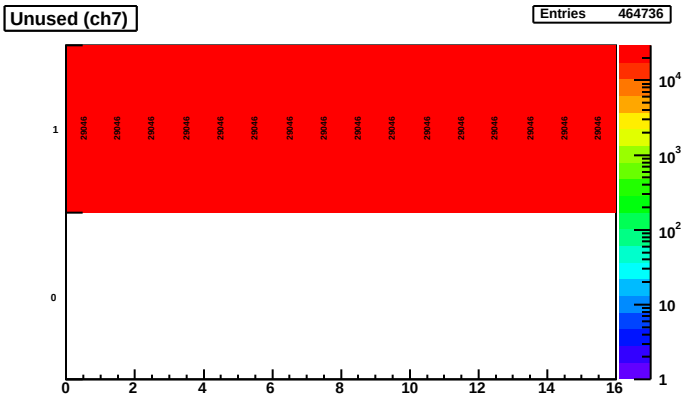

Unused (ch2)
Entries 464736

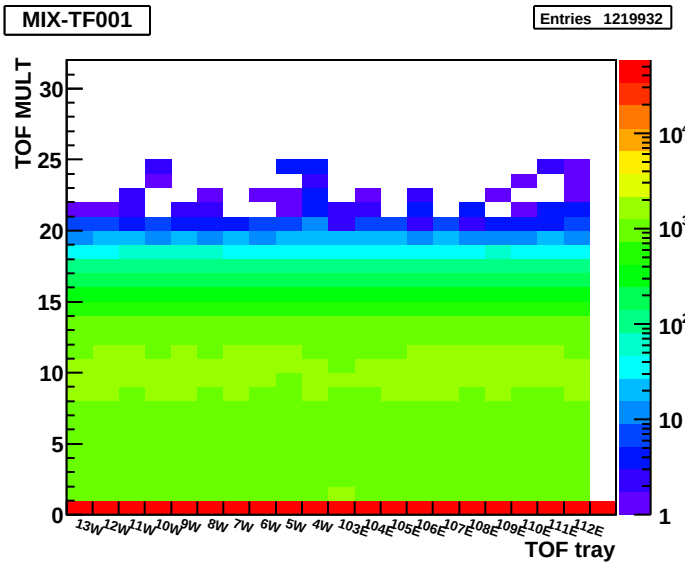

EM201 0-15 (ch3)
Entries 464736
BHT0
BHT1
BHT2
BHT3
EHT2
EHT4
JP1
JP2
BJP1
BJP2
EJP1
EJP2
AJP
BAJP
EAJP

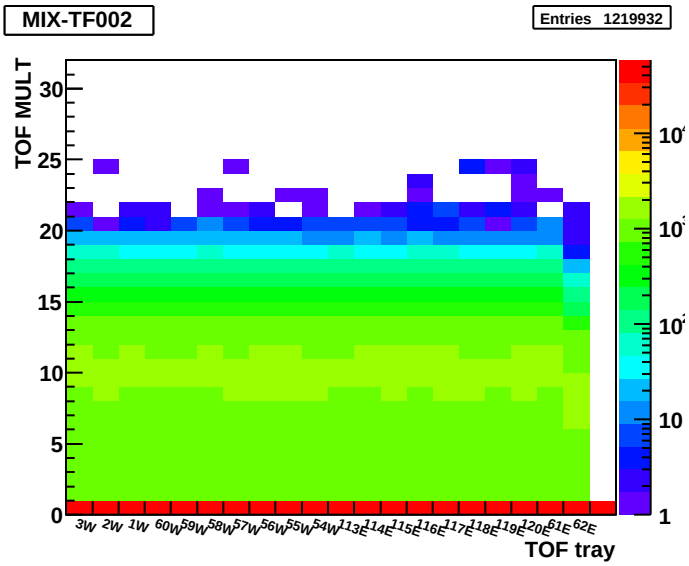

RAT board (ch4)
Entries 464736
rat-0
rat-1
rat-2
rat-3
rat-4
rat-5
rat-6
rat-7
rat-8
rat-9
rat-10
rat-11
rat-12
rat-13
rat-14
rat-15

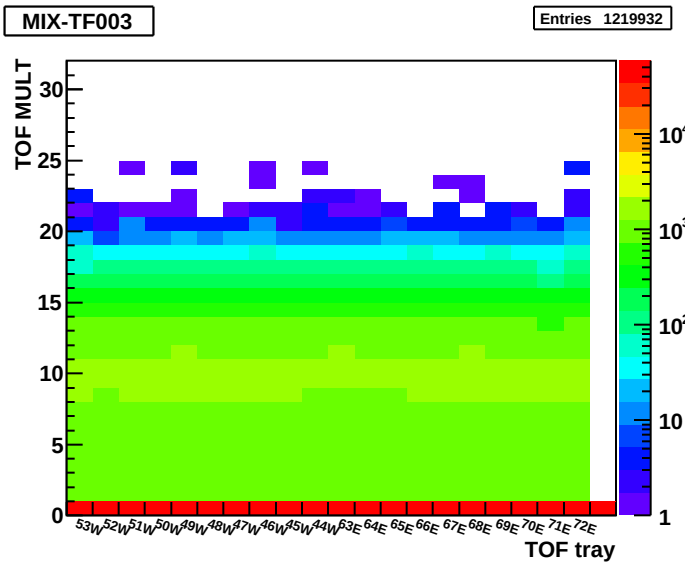

FP201 0-15 (ch5)
Entries 464736
FMSsmallClusTh0
FMSsmallClusTh1
FMSsmallClusTh2
FMSsmallMulClusTh0
FMSsmallMulClusTh1
FMSsmallMulClusTh2
FMSsmallHT
FMSlargeClusTh0
FMSlargeClusTh1
FMSlargeClusTh2
FMSlargeMulClusTh0
FMSlargeMulClusTh1
FMSlargeMulClusTh2
FMSlargeHT
FPE

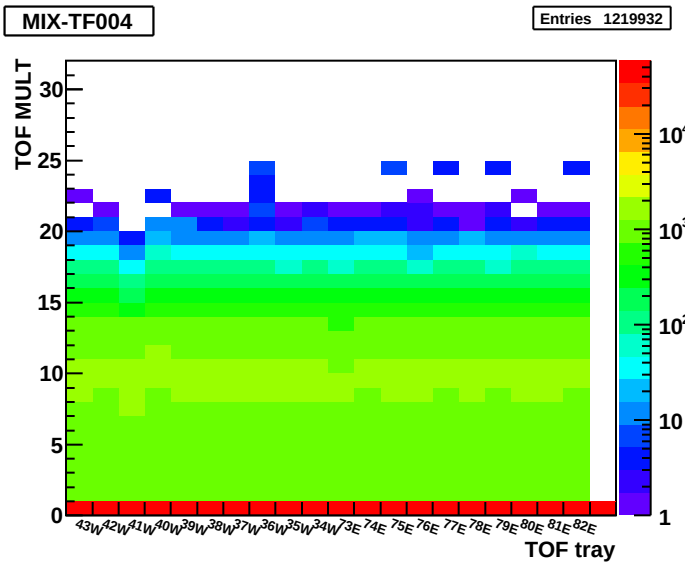

ST201 0-15 (ch6)
Entries 464736
SpcTrgDetBit0
SpcTrgDetBit1
SpcTrgDetBit2
DetCrpBit0
DetCrpBit1
DetCrpBit2
DetCrpBit3
ZeroBias
Random

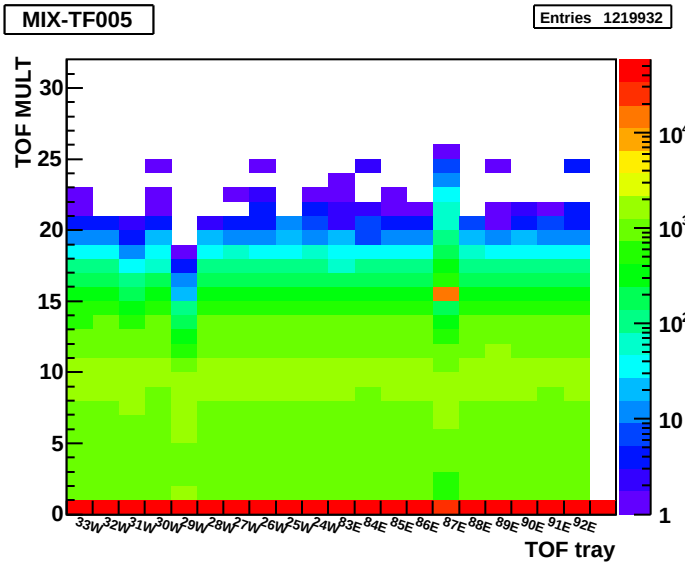

Unused (ch7)
Entries 464736

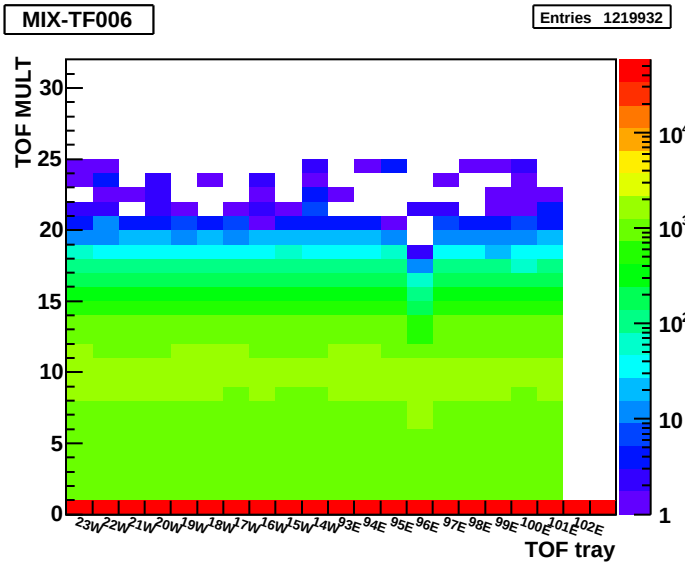

MIX-TF001
Entries 1219932
TOF MULT
TOF tray

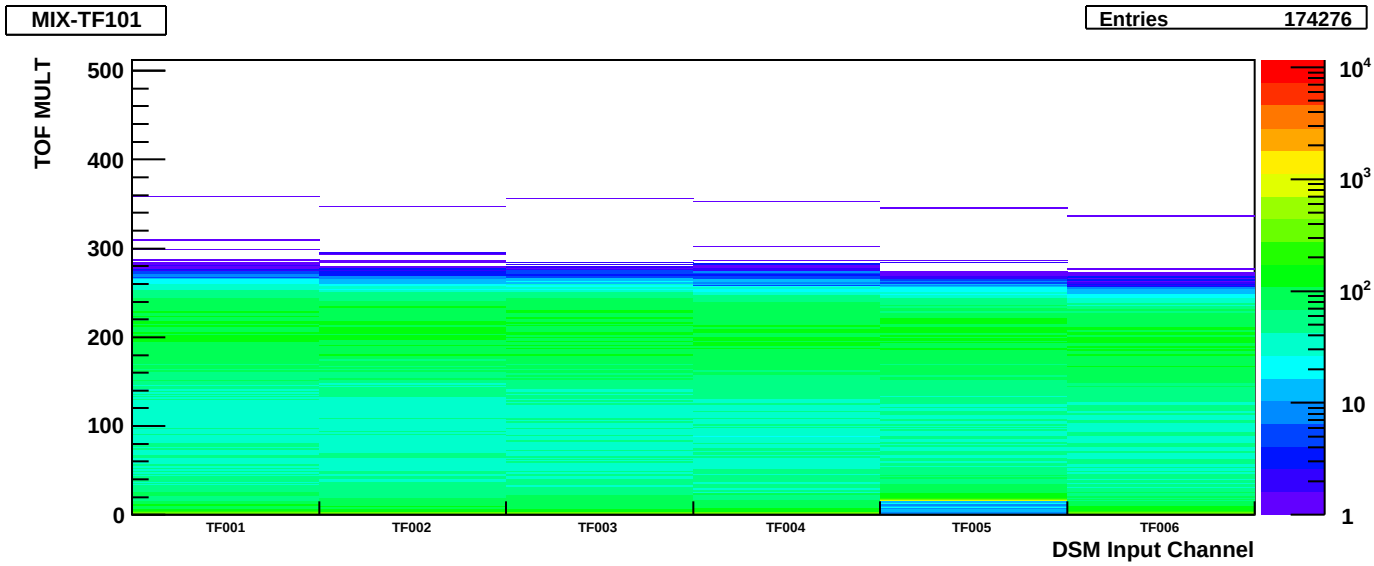

MIX-TF002
Entries 1219932
TOF MULT
TOF tray

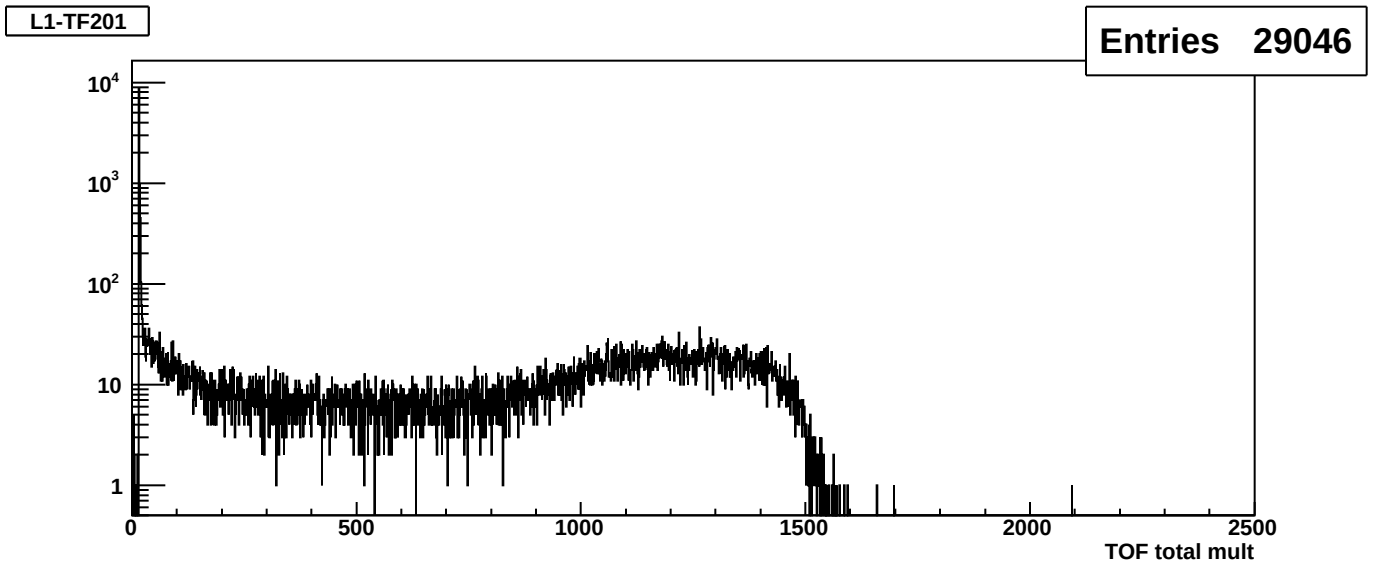

MIX-TF003
Entries 1219932
TOF MULT
TOF tray

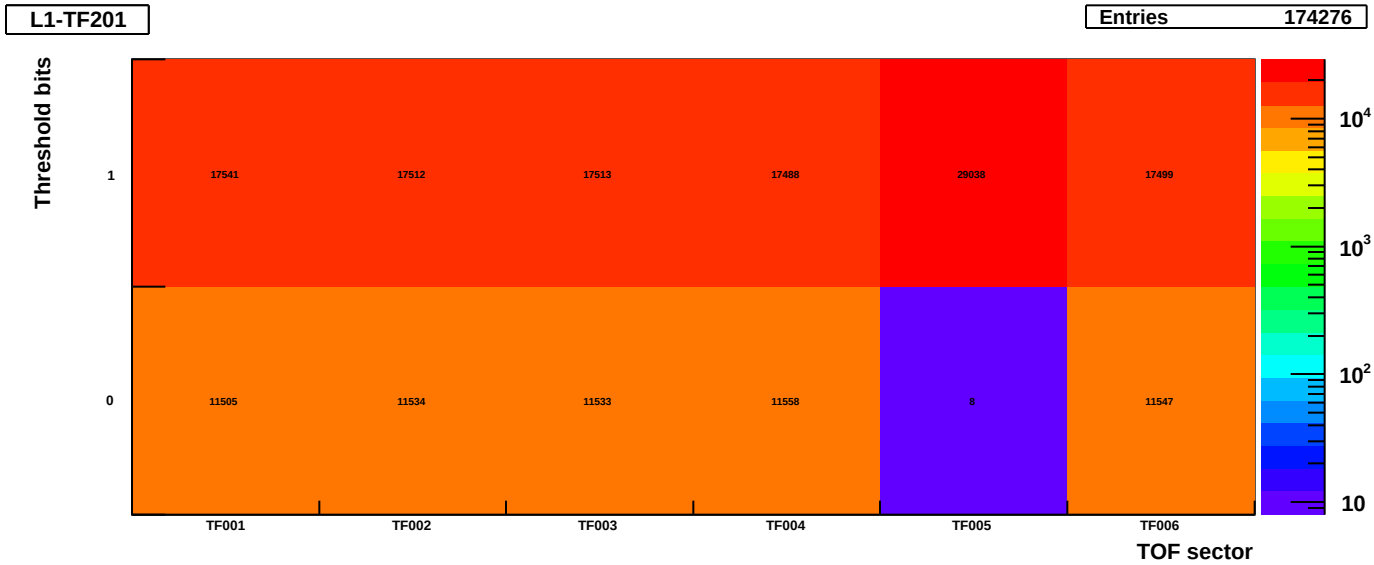

MIX-TF004
Entries 1219932
TOF MULT
TOF tray

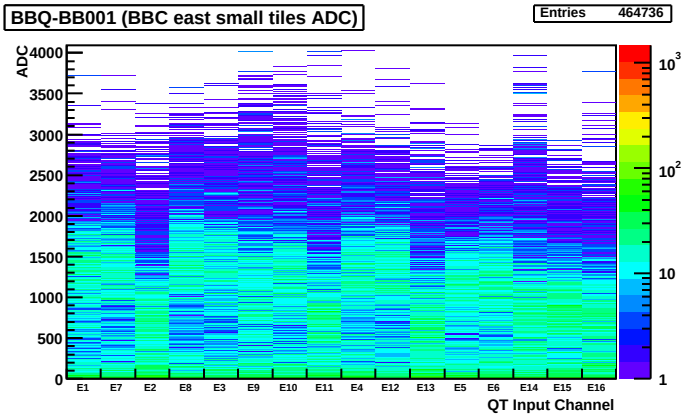

MIX-TF005
Entries 1219932
TOF MULT
TOF tray

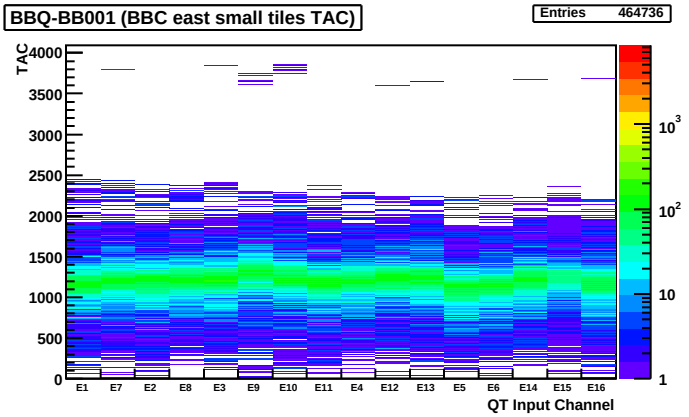

MIX-TF006
Entries 1219932
TOF MULT
TOF tray

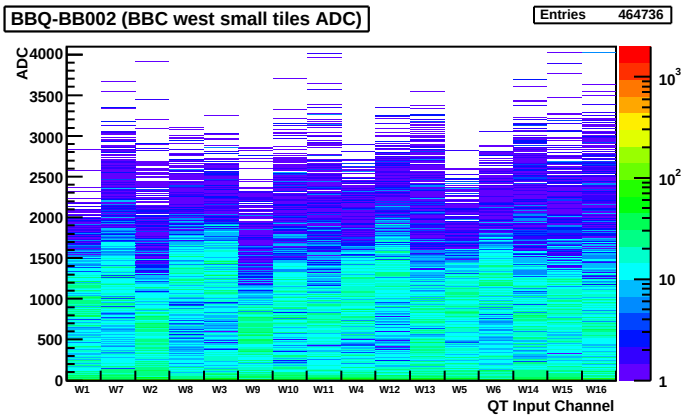

MIX-TF101
Entries 174276
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^4
10^3
10^2
10
1

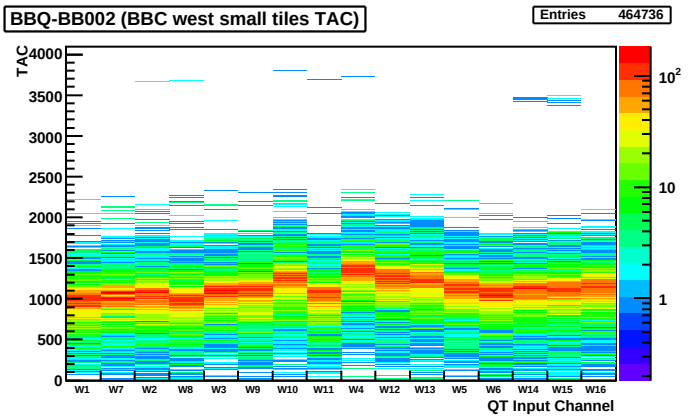

L1-TF201
Entries 29046
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

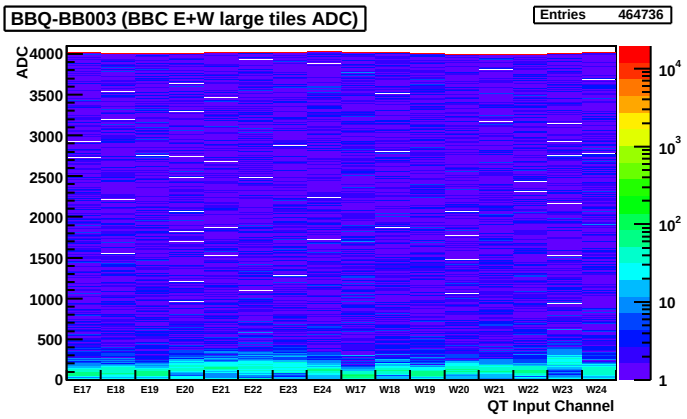

L1-TF201
Entries 174276
Threshold bits
1
0
17541
17512
17513
17488
29038
17499
11505
11534
11533
11558
8
11547
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4
10^3
10^2
10

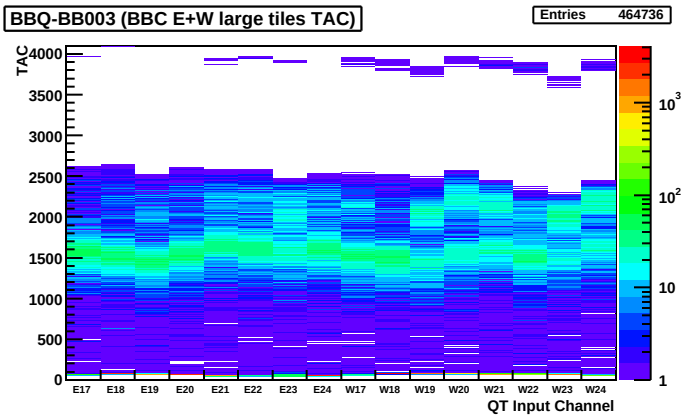

BBQ-BB001 (BBC east small tiles ADC)
Entries 464736
ADC
QT Input Channel

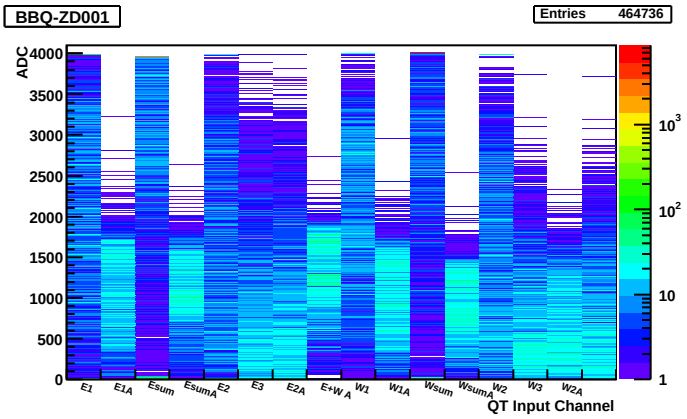

BBQ-BB001 (BBC east small tiles TAC)
Entries 464736
TAC
QT Input Channel

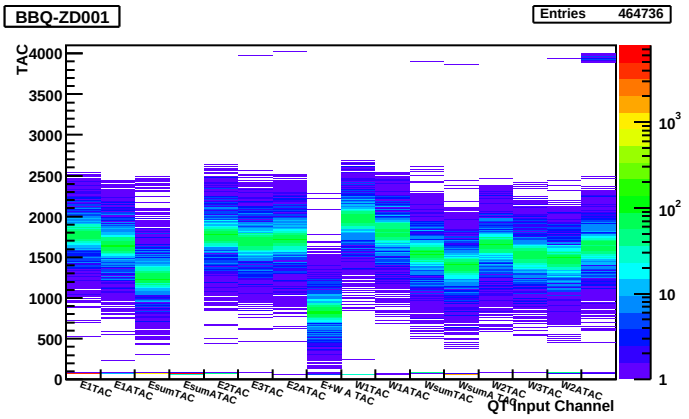

BBQ-BB002 (BBC west small tiles ADC)
Entries 464736
ADC
QT Input Channel

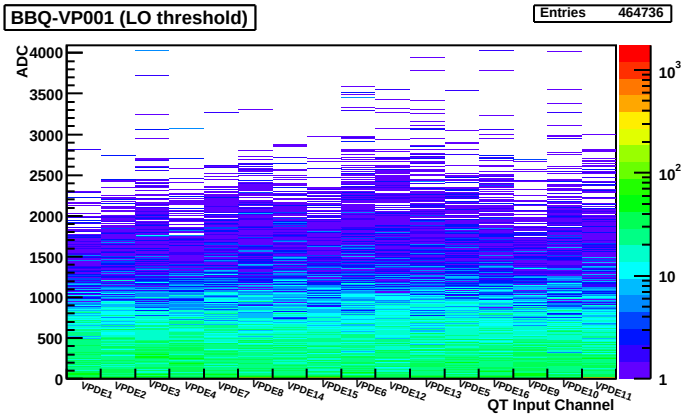

BBQ-BB002 (BBC west small tiles TAC)
Entries 464736
TAC
QT Input Channel

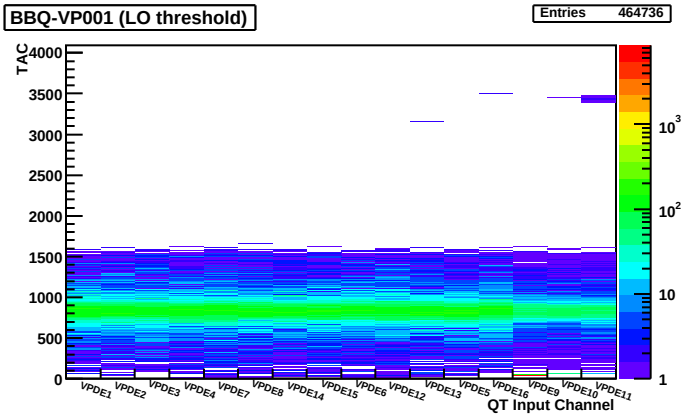

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 464736
ADC
QT Input Channel

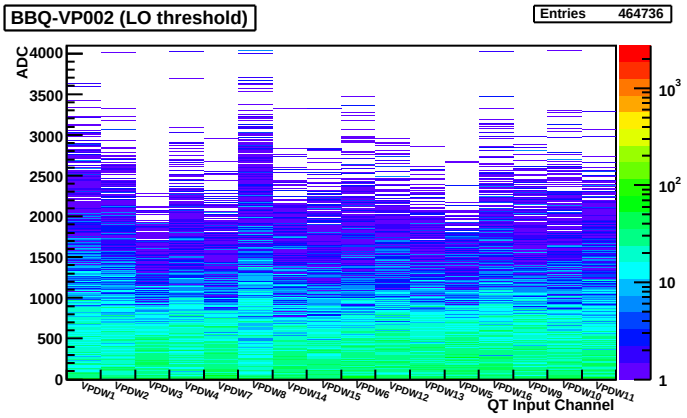

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 464736
TAC
QT Input Channel

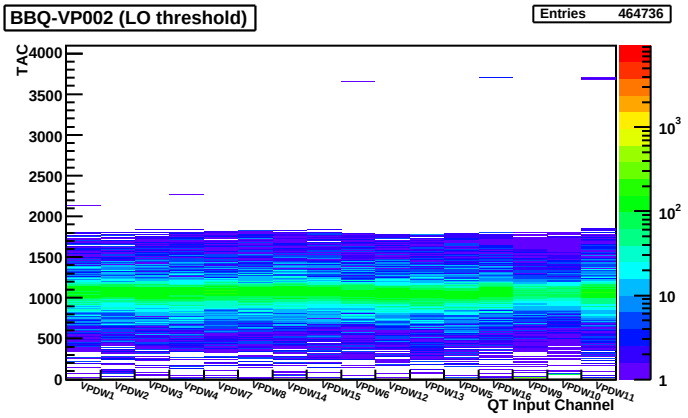

BBQ-ZD001
Entries 464736
ADC
QT Input Channel

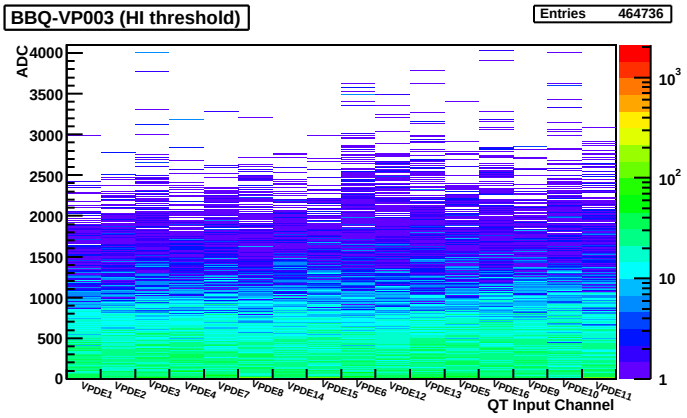

BBQ-ZD001
Entries 464736
TAC
QT Input Channel

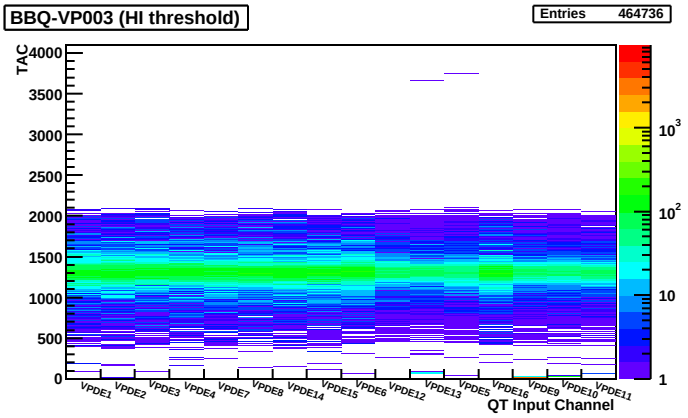

BBQ-VP001 (LO threshold)
Entries 464736
ADC
QT Input Channel

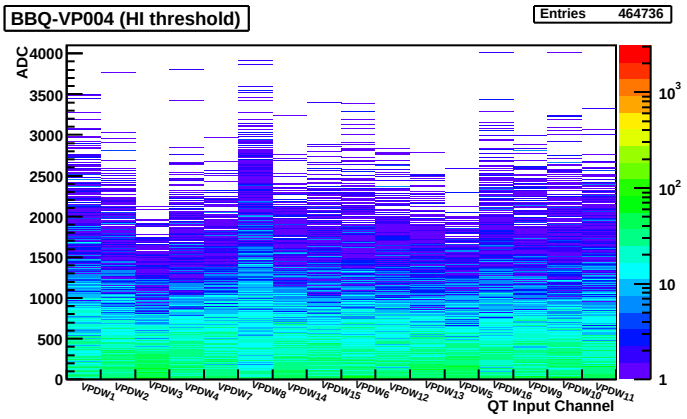

BBQ-VP001 (LO threshold)
Entries 464736
TAC
QT Input Channel

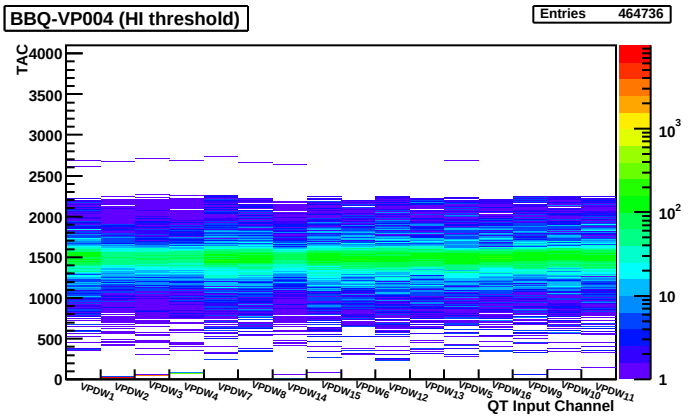

BBQ-VP002 (LO threshold)
Entries 464736
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 464736
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 464736
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 464736
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 464736
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 464736
TAC
QT Input Channel