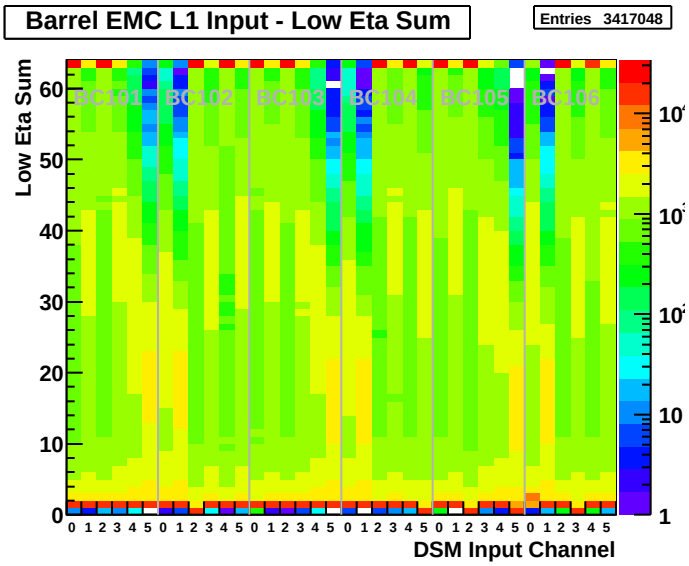
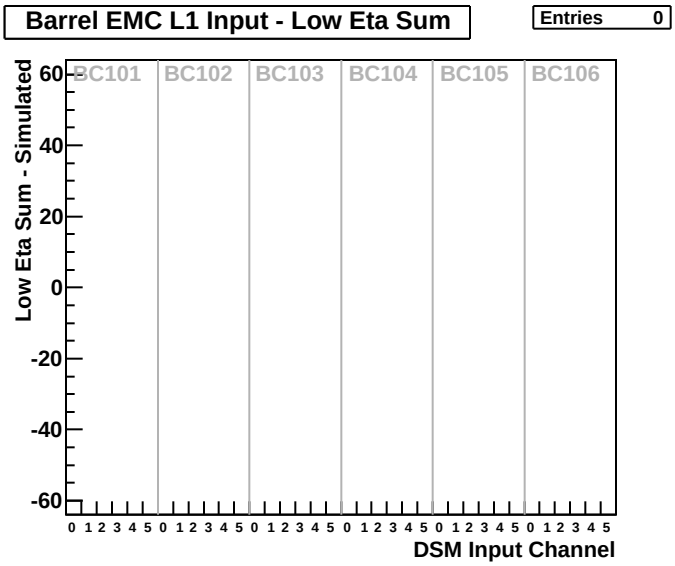
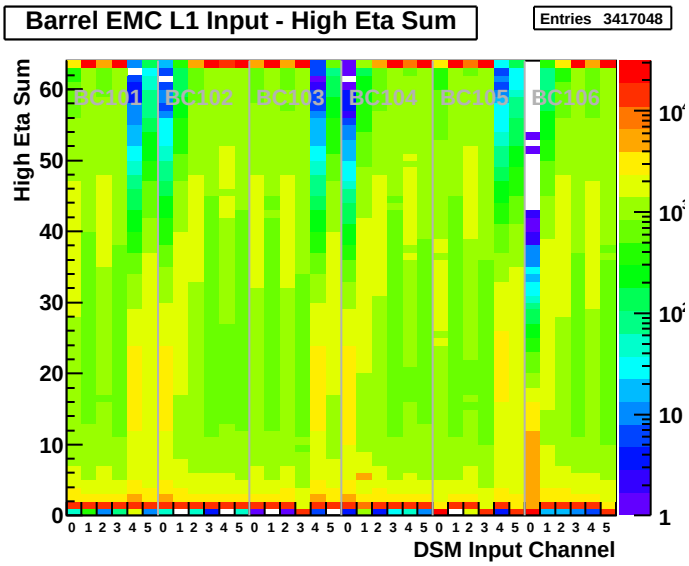
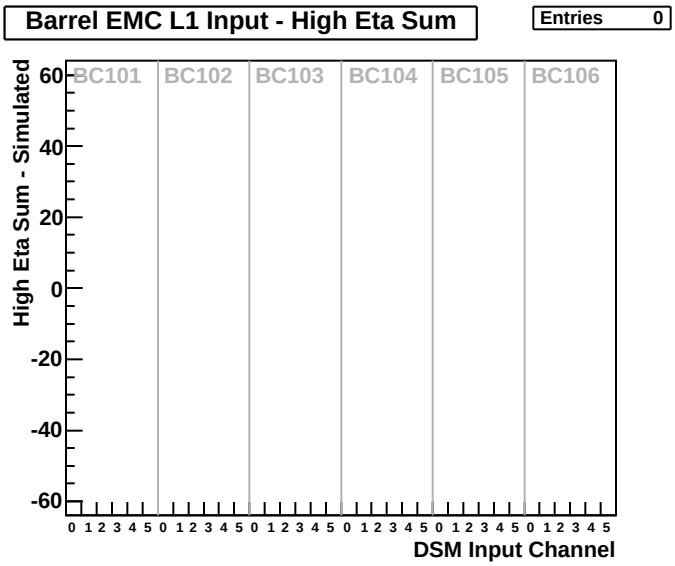
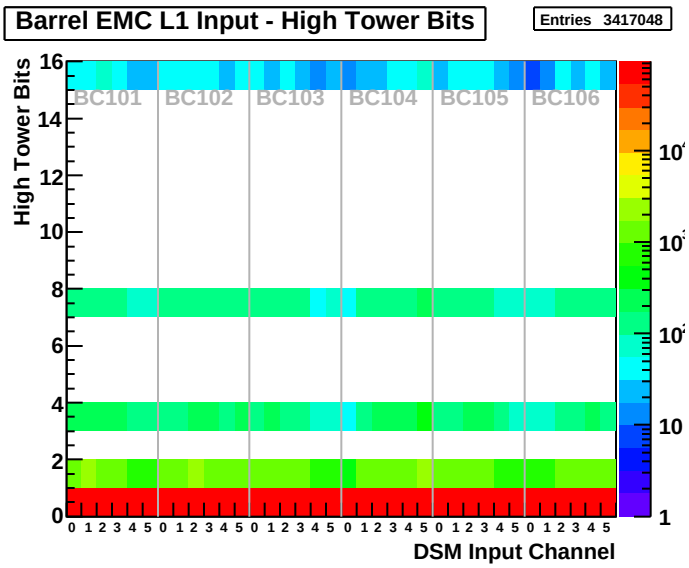
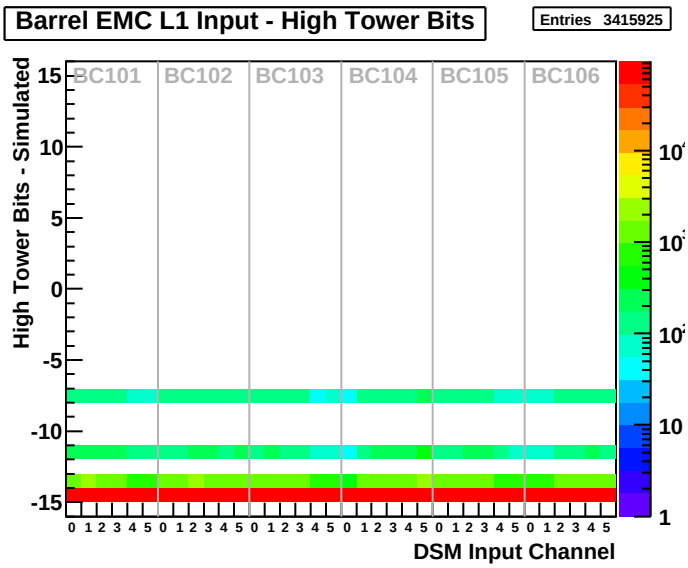

Barrel EMC L1 Input - Low Eta Sum
Entries 3417048
Low Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

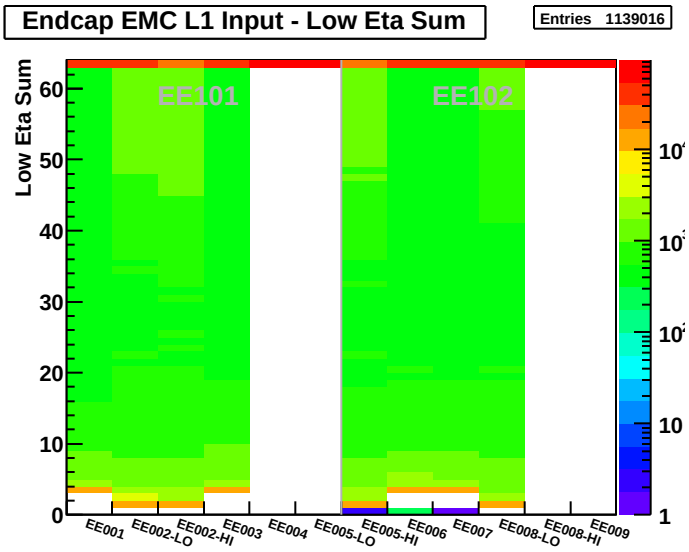

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

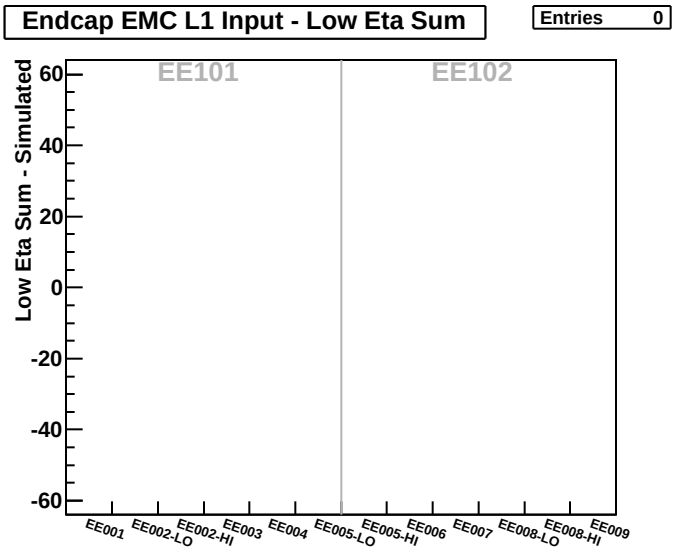

Barrel EMC L1 Input - High Eta Sum
Entries 3417048
High Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

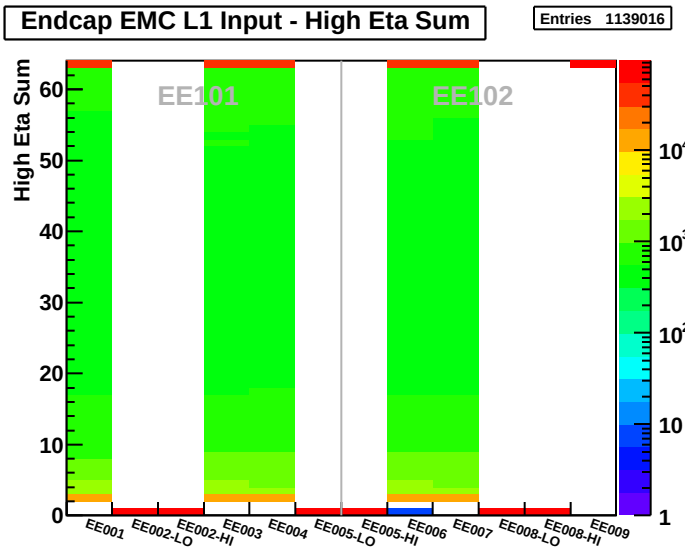

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

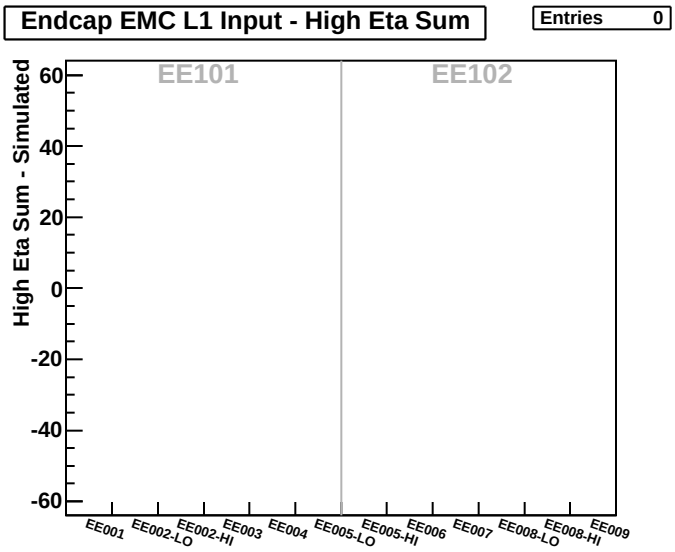

Barrel EMC L1 Input - High Tower Bits
Entries 3417048
High Tower Bits
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

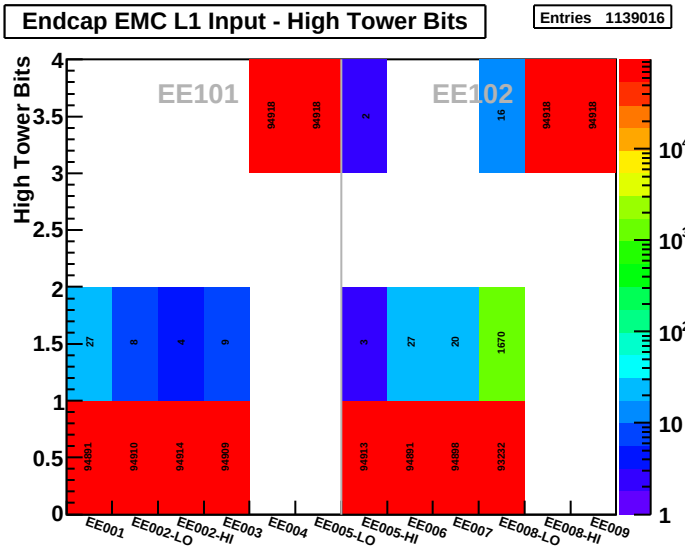

Barrel EMC L1 Input - High Tower Bits
Entries 3415925
High Tower Bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

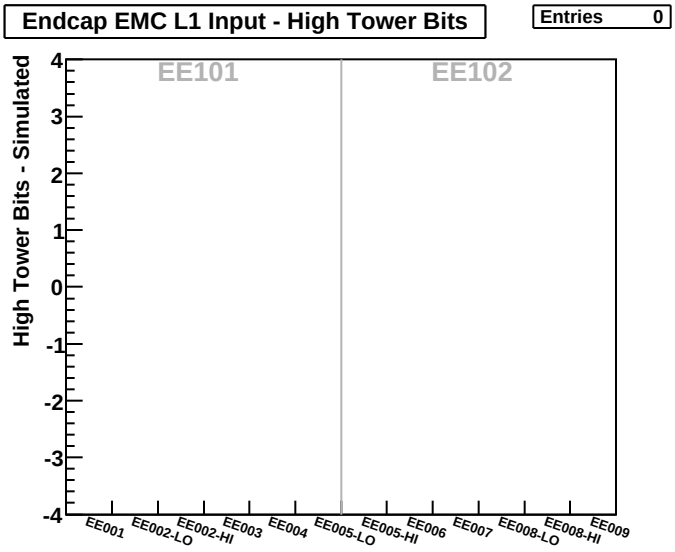

Endcap EMC L1 Input - Low Eta Sum
Entries 1139016
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

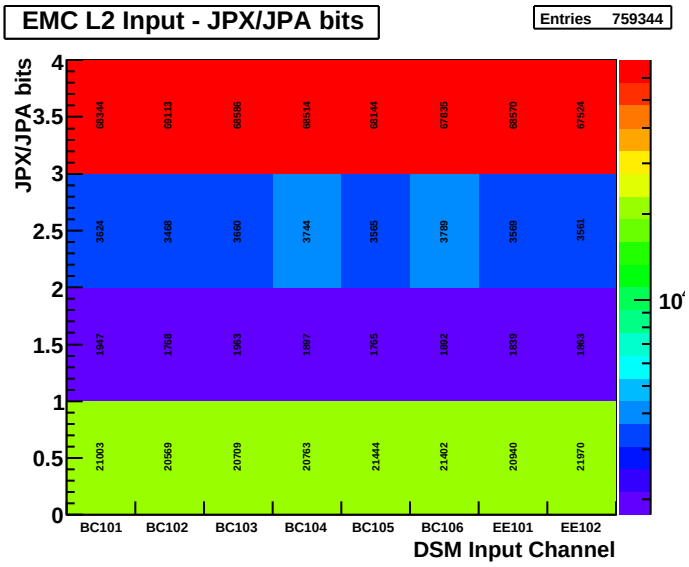

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

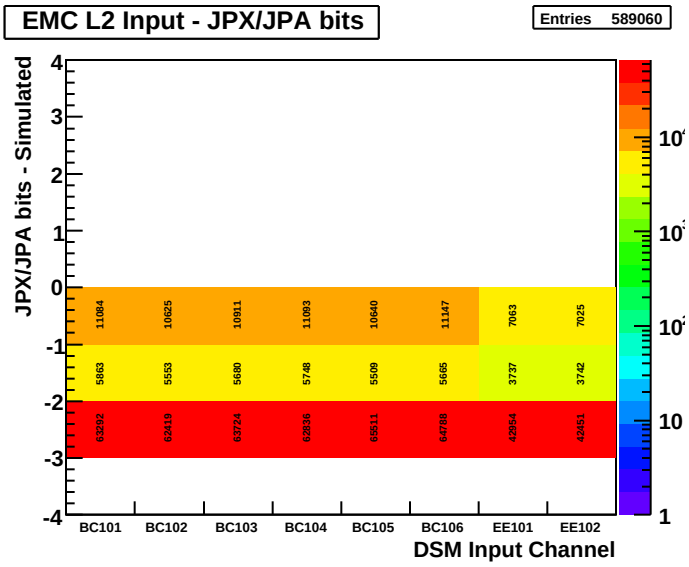

Endcap EMC L1 Input - High Eta Sum
Entries 1139016
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

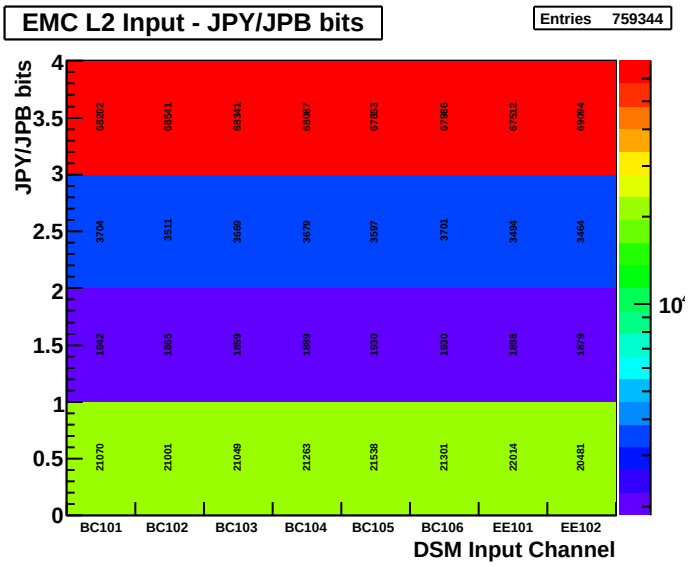

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

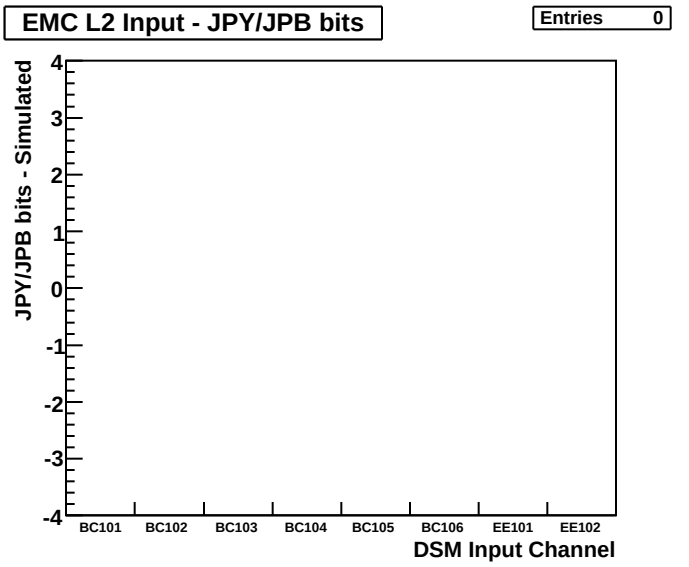

Endcap EMC L1 Input - High Tower Bits
Entries 1139016
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

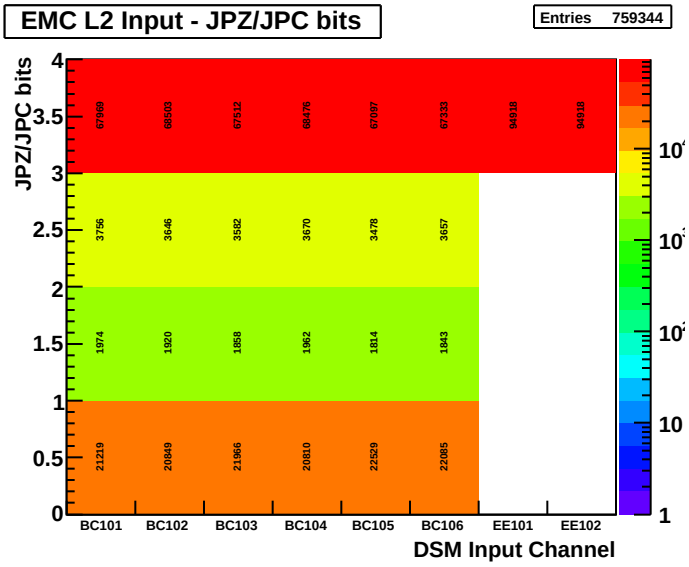

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

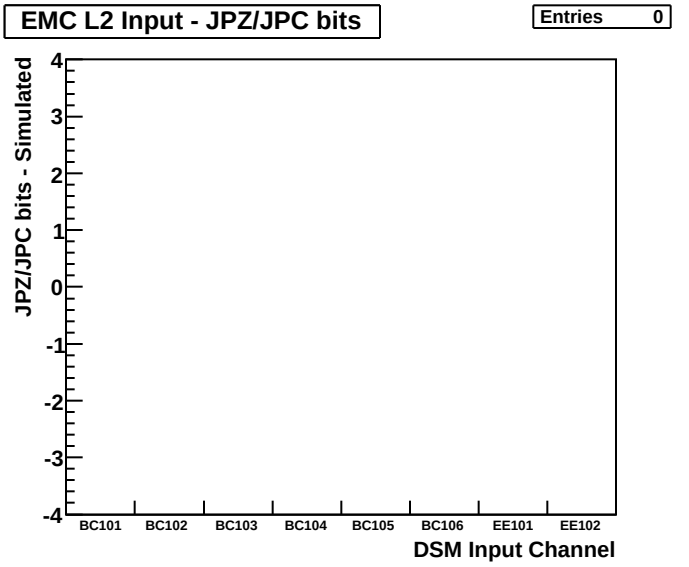

EMC L2 Input - JPX/JPA bits
Entries 759344
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
68344 69113 68586 68514 68144 67835 68570 67524
3624 3468 3660 3744 3565 3789 3569 3561
1947 1768 1863 1897 1765 1892 1839 1863
21003 20569 20709 20763 21444 21402 20940 21970

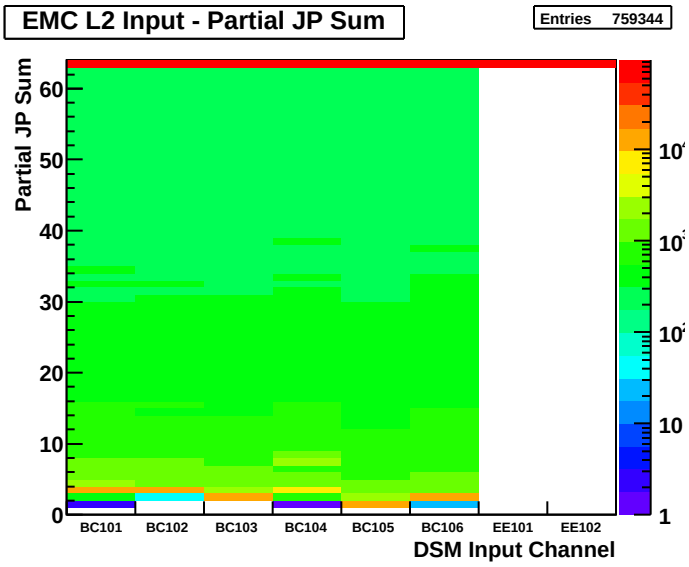

EMC L2 Input - JPX/JPA bits
Entries 589060
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
11084 10625 10911 11093 10640 11147 7063 7025
5863 5553 5680 5748 5509 5665 3737 3742
63292 62419 63724 62836 65511 64788 42954 42451

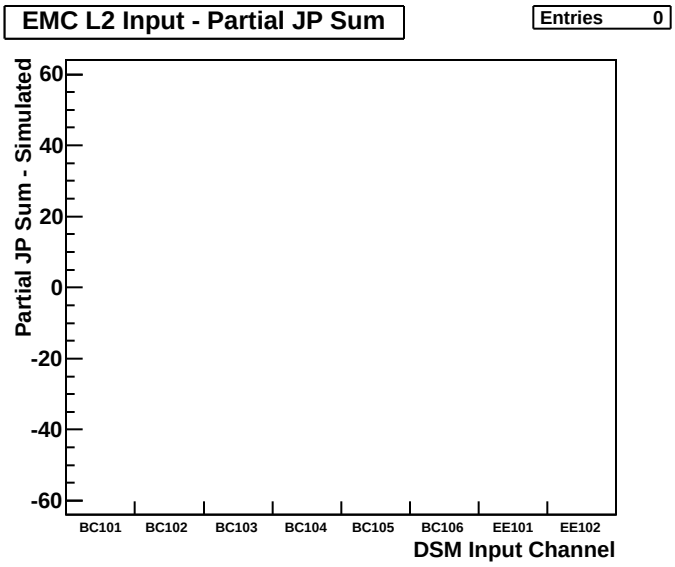

EMC L2 Input - JPY/JPB bits
Entries 759344
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
68202 68541 68341 68087 67853 67986 67512 69094
3704 3511 3669 3679 3597 3701 3494 3464
1942 1855 1859 1839 1930 1930 1898 1879
21070 21001 21049 21263 21538 21301 22014 20481

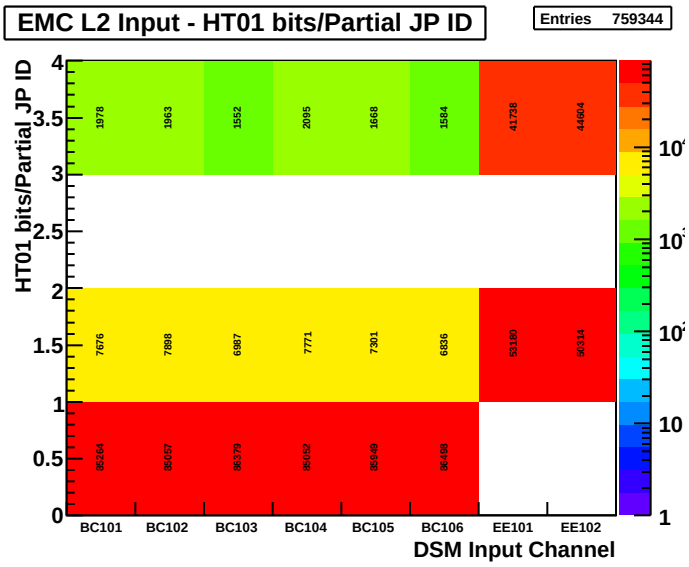

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

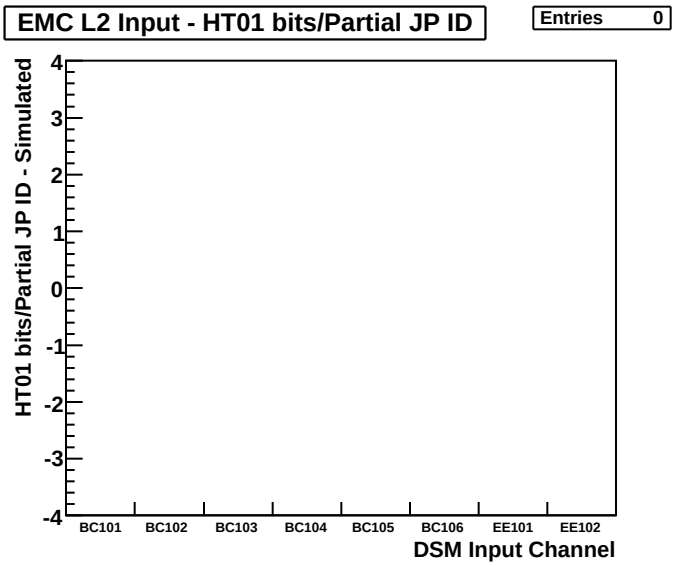

EMC L2 Input - JPZ/JPC bits
Entries 759344
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
67969 68503 67512 68476 67097 67333 94918 94918
3756 3646 3582 3670 3478 3657
1974 1920 1858 1962 1814 1843
21219 20849 21966 20810 22529 22085

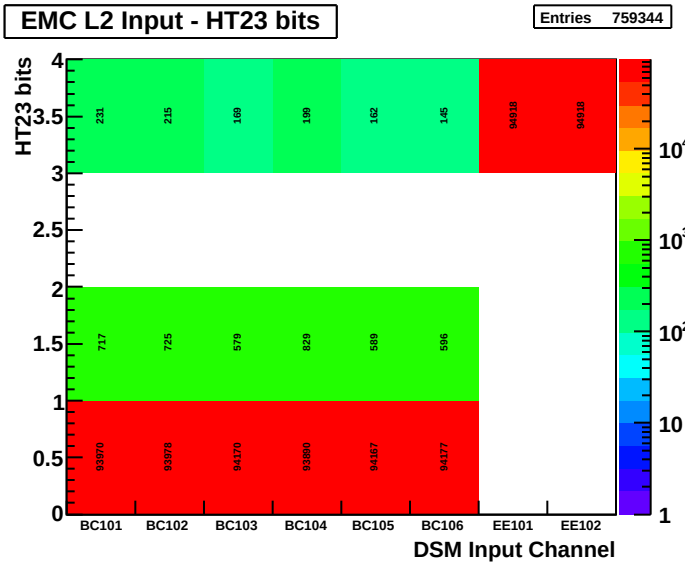

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

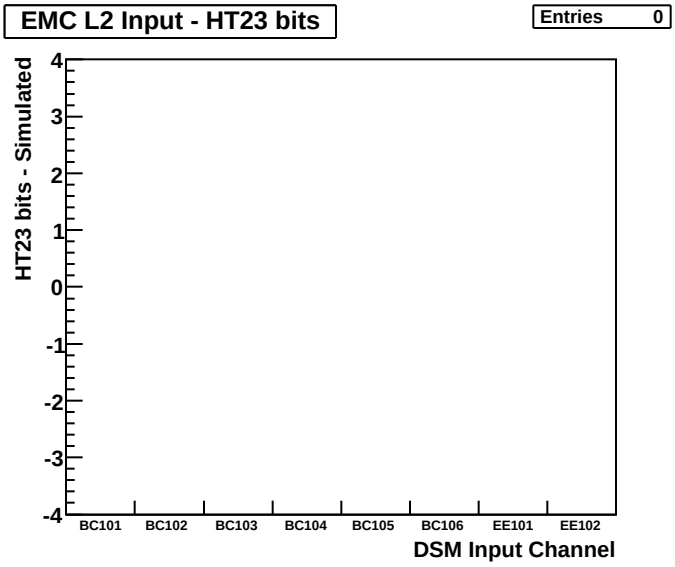

EMC L2 Input - Partial JP Sum
Entries 759344
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

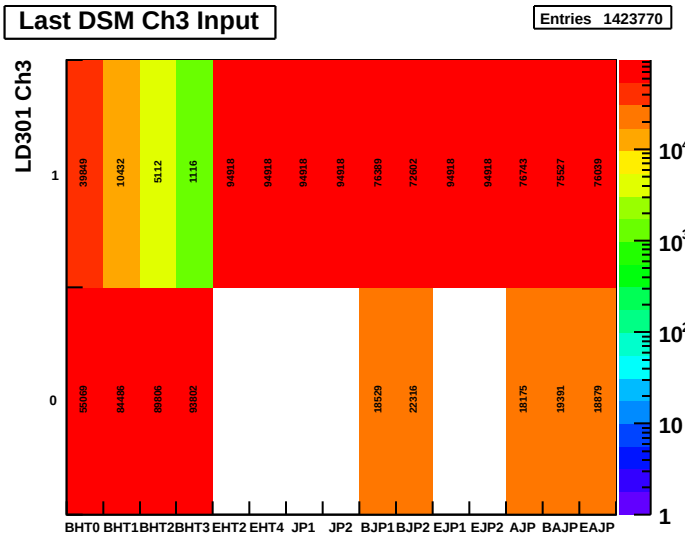

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

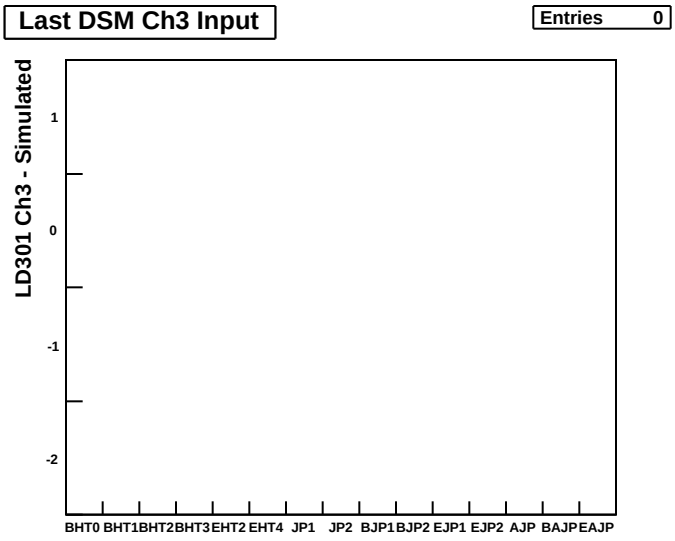

EMC L2 Input - HT01 bits/Partial JP ID
Entries 759344
HT01 bits/Partial JP ID
1978 1963 1552 2095 1668 1584 41738 44604
7676 7898 6987 7771 7301 6836 53180 50314
85264 85057 86379 85052 85949 86498
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

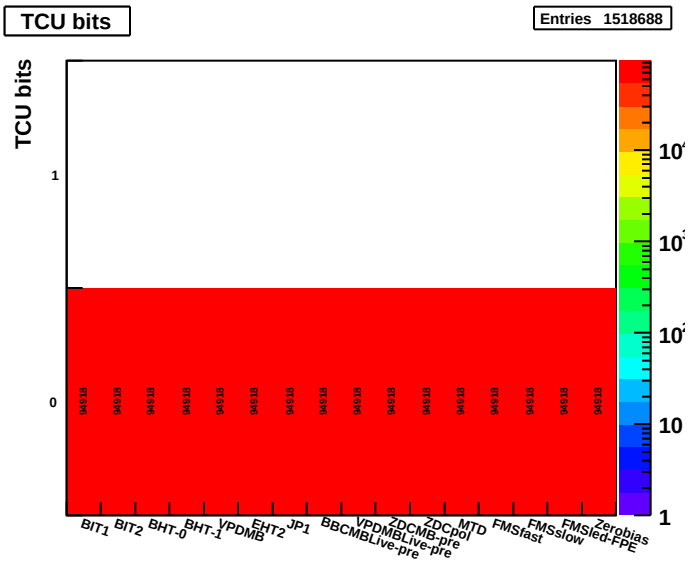

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

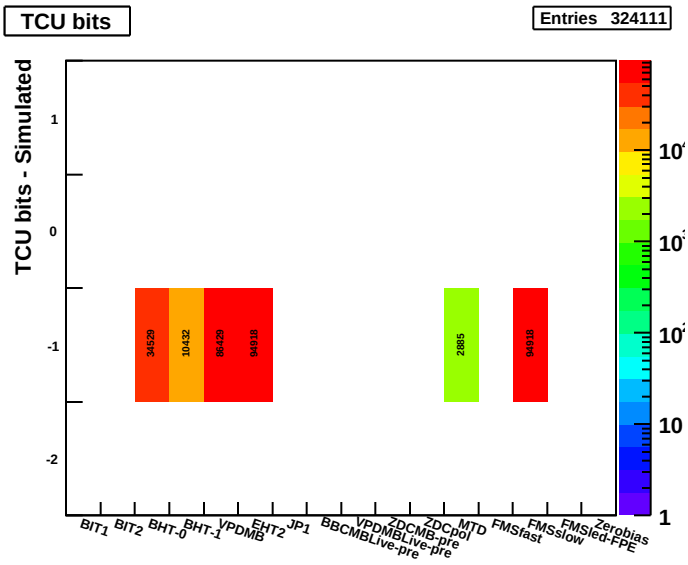

EMC L2 Input - HT23 bits
Entries 759344
HT23 bits
231 215 169 199 162 145 94918 94918
717 725 579 829 589 596
93970 93978 94170 93890 94167 94177
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

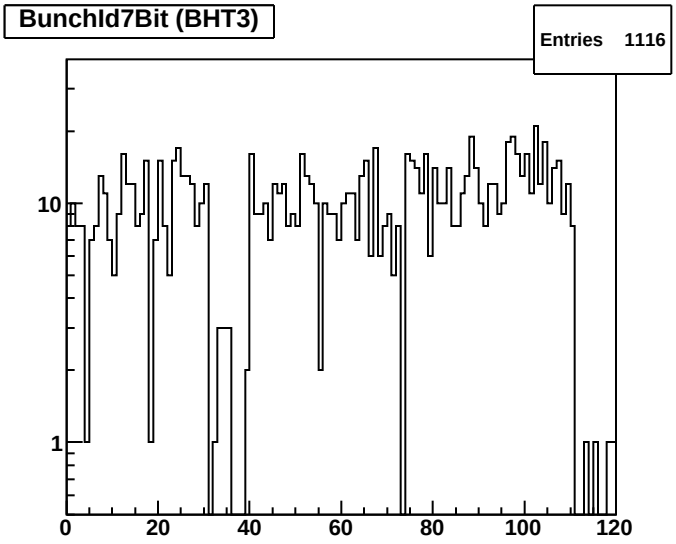

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

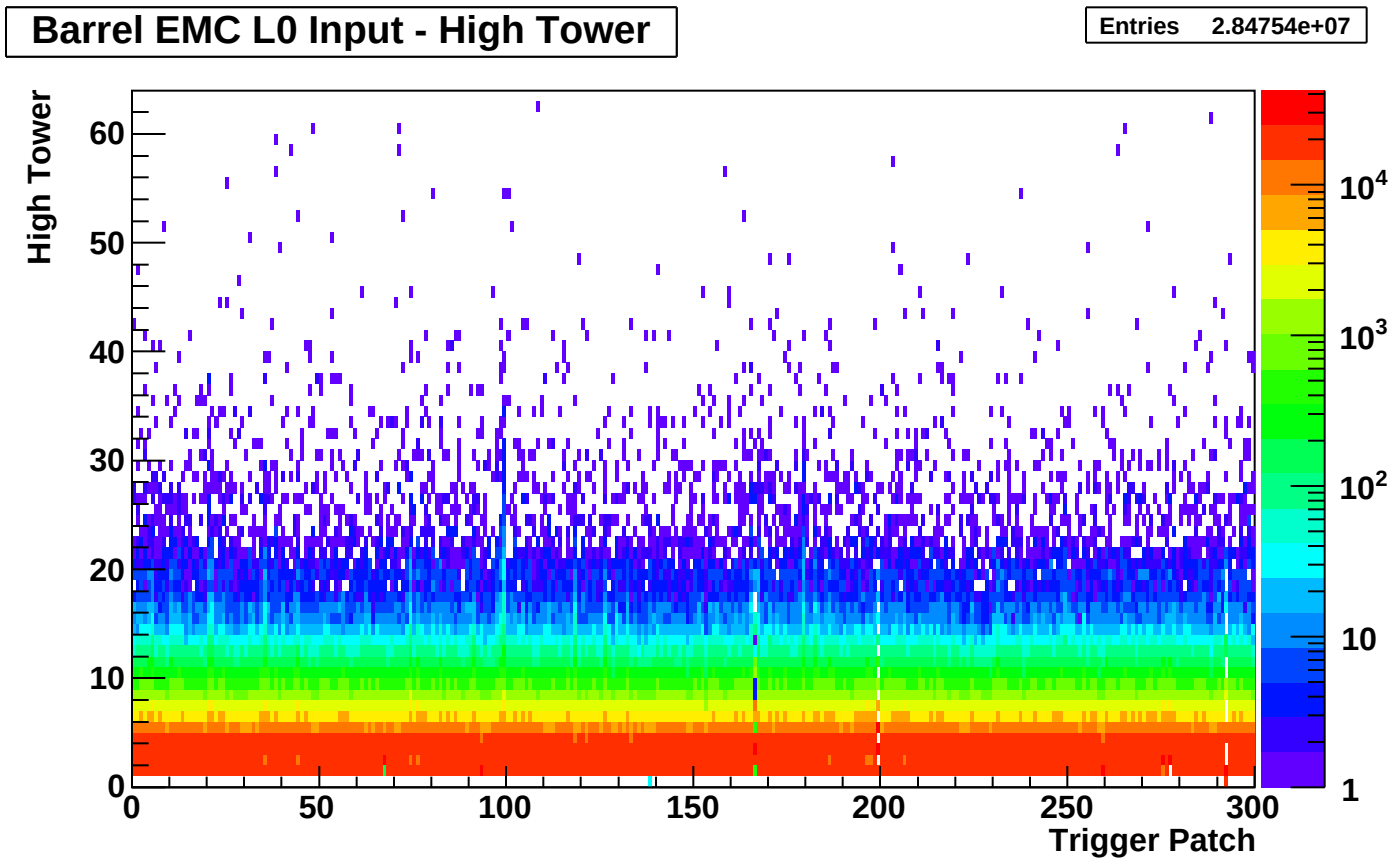

Last DSM Ch3 Input
Entries 1423770
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

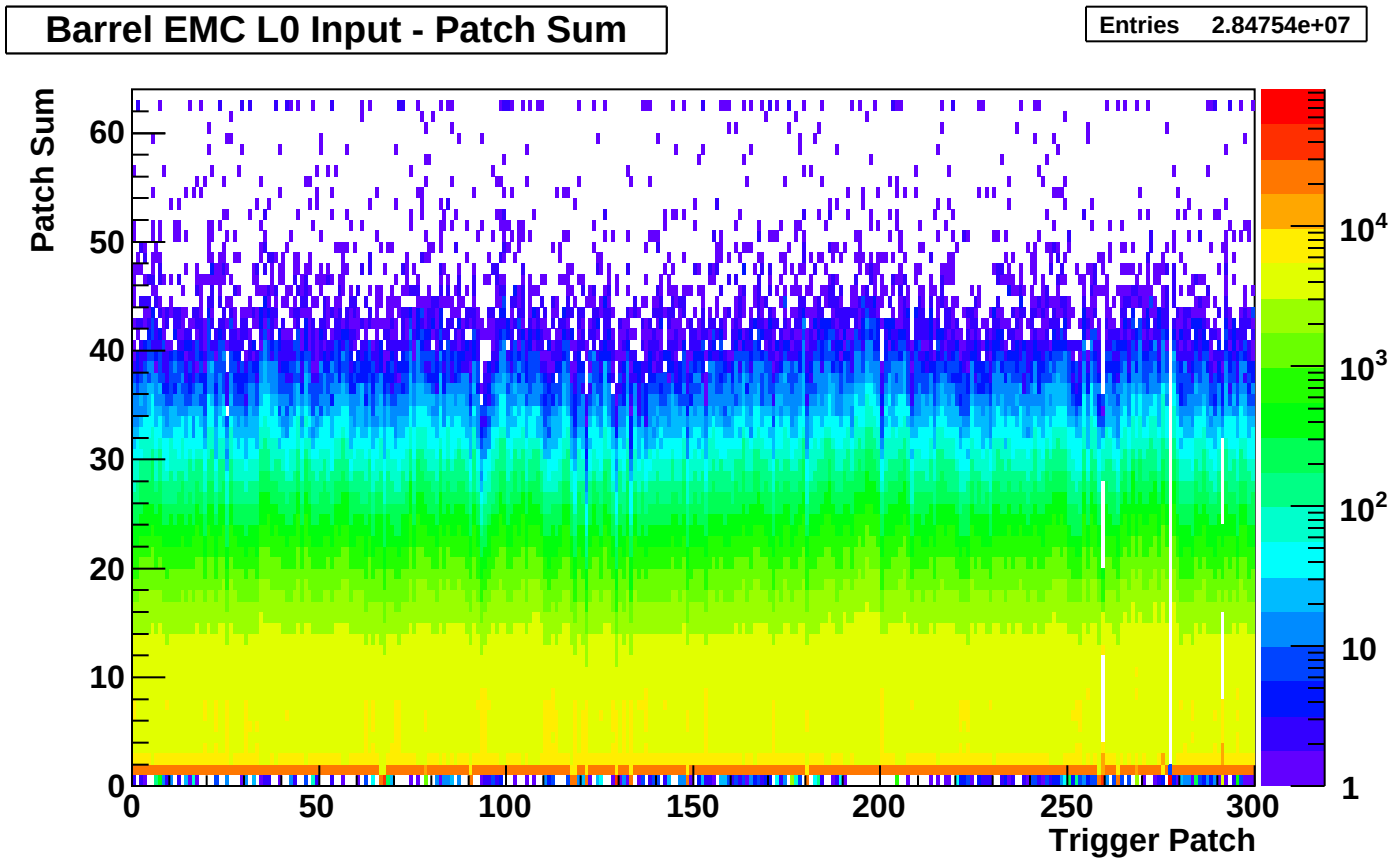

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

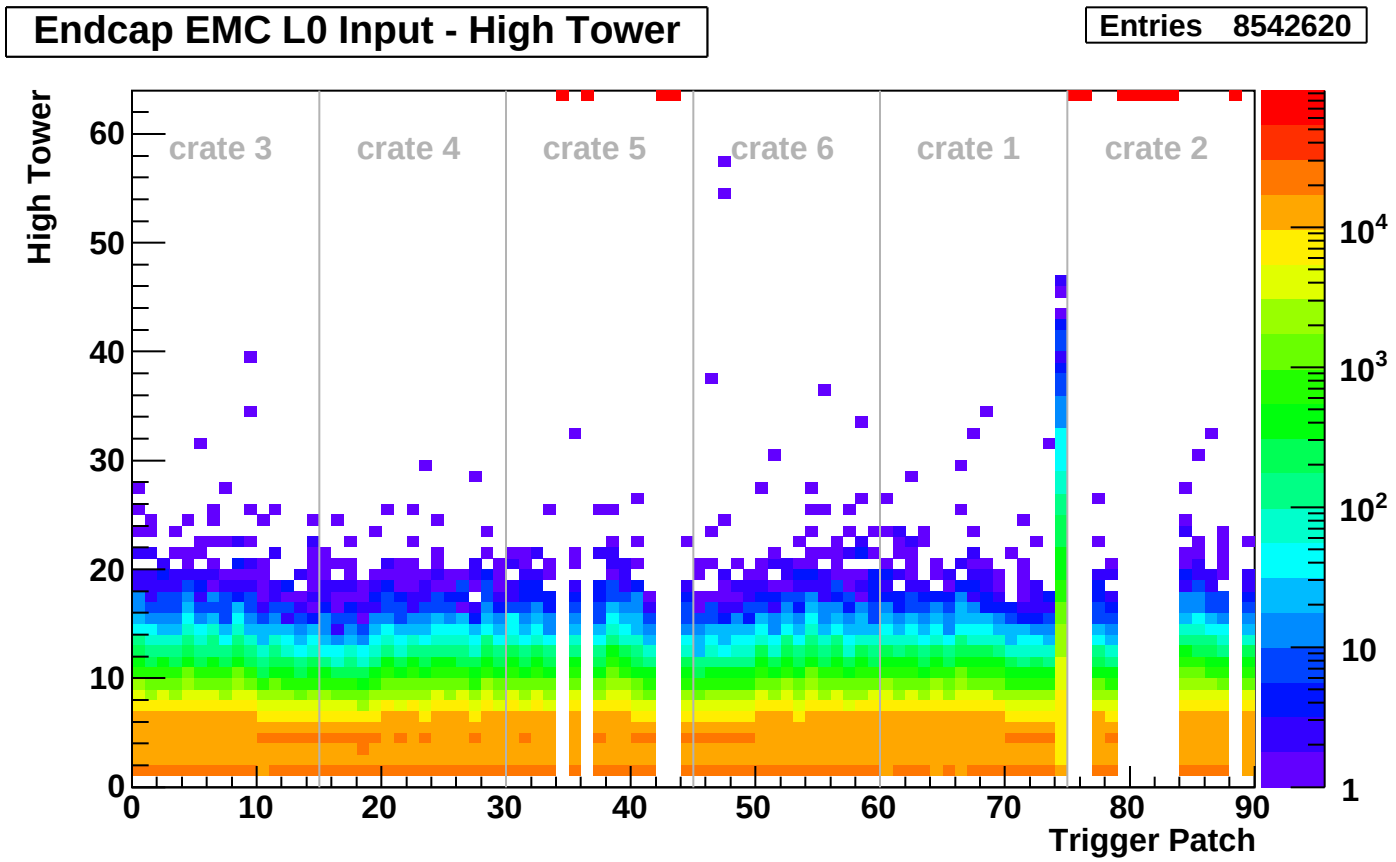

TCU bits
Entries 1518688
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

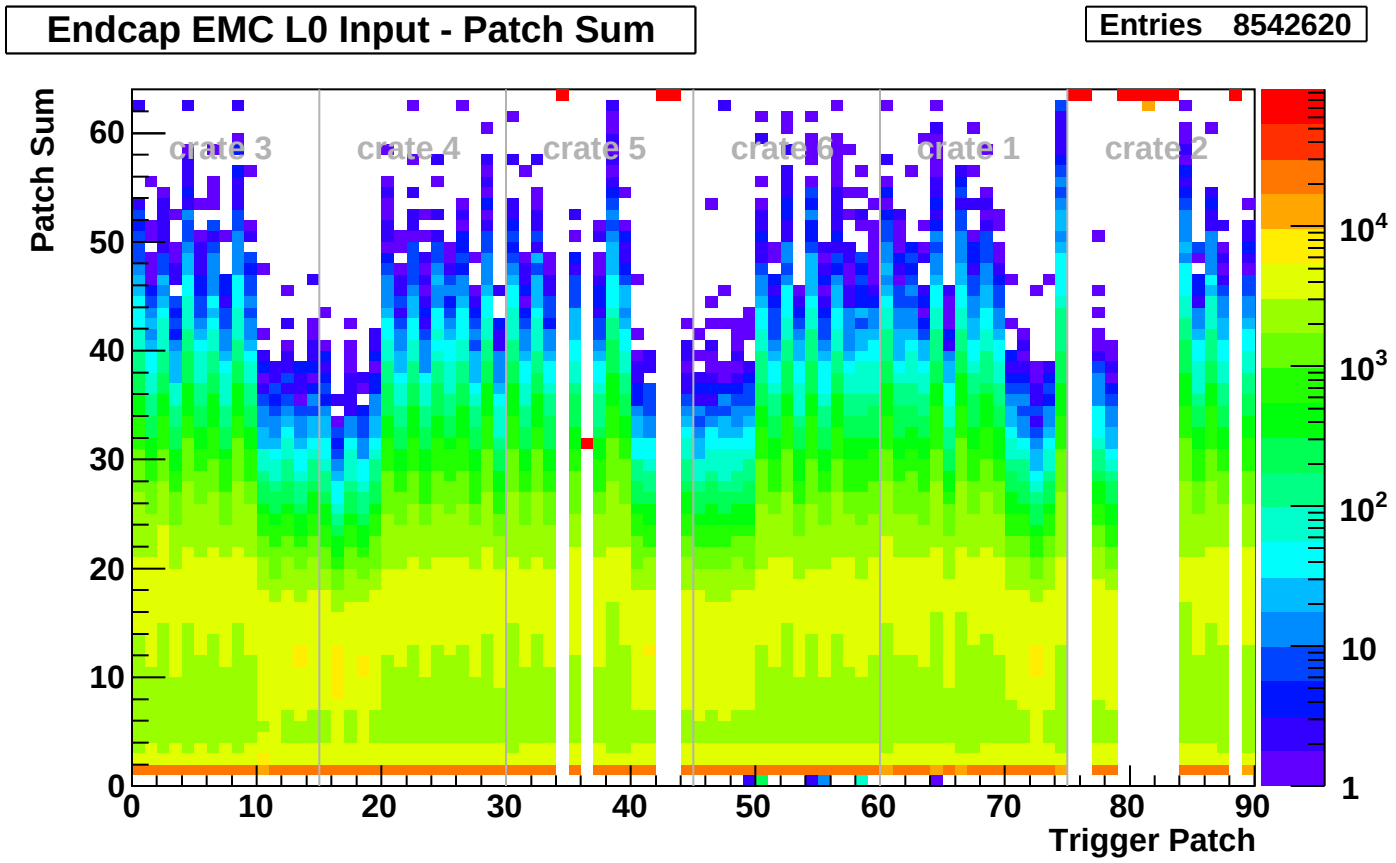

TCU bits
Entries 324111
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

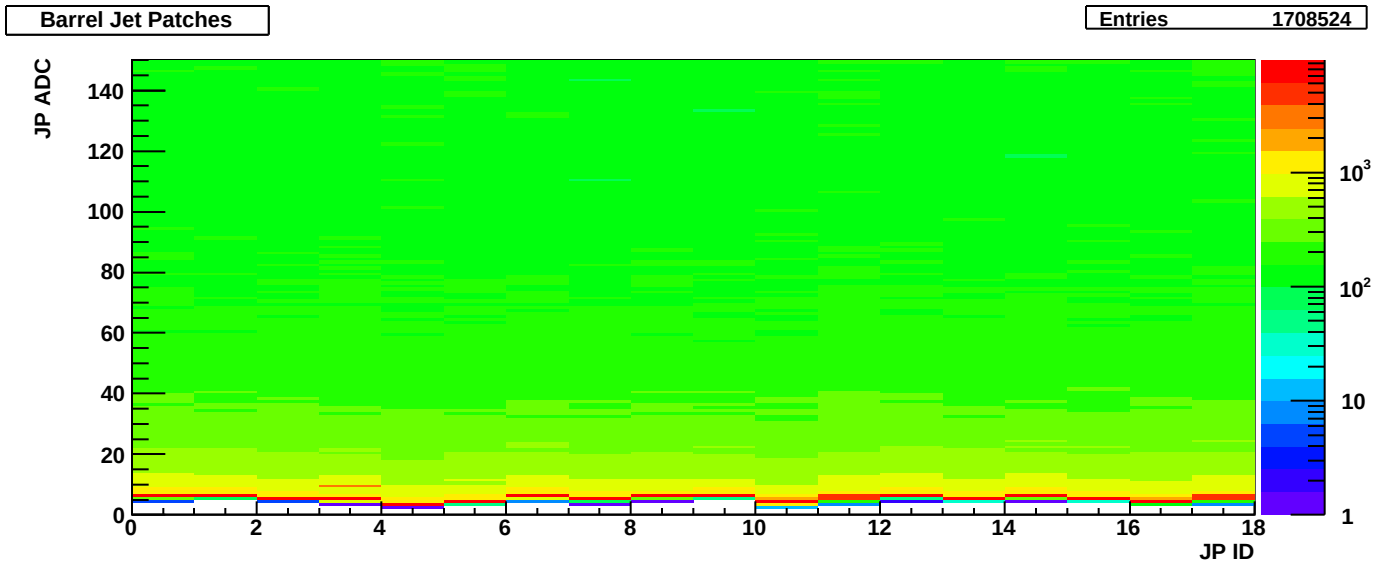

BunchId7Bit (BHT3)
Entries 1116

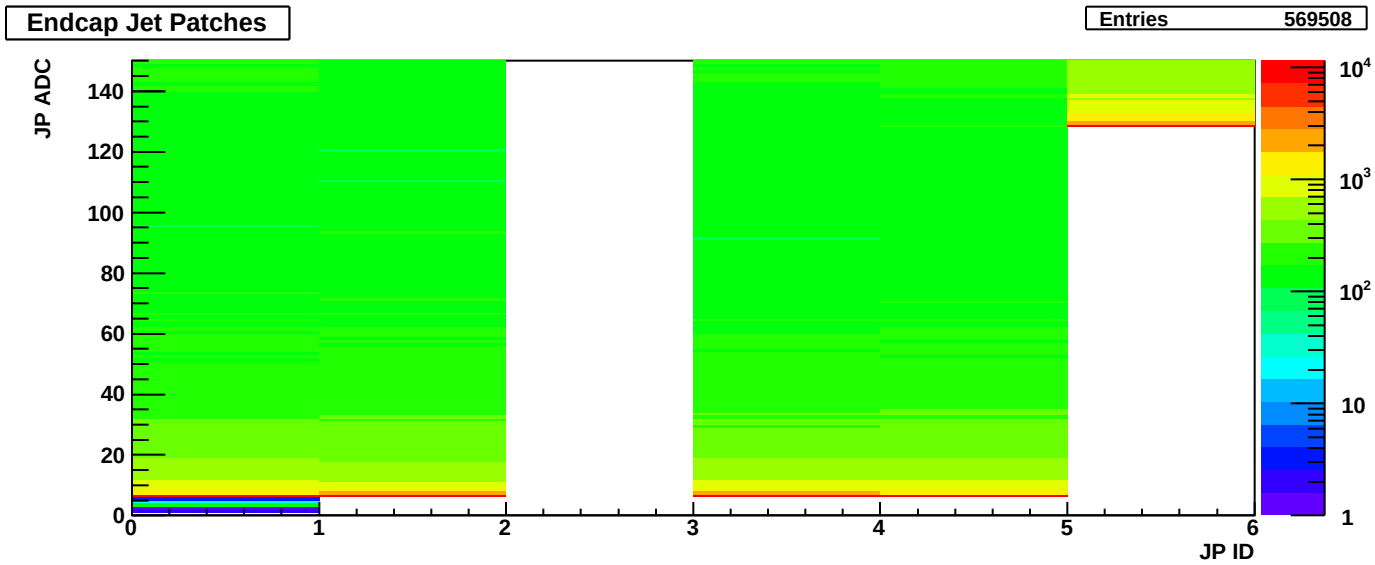

Barrel EMC L0 Input - High Tower
Entries 2.84754e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

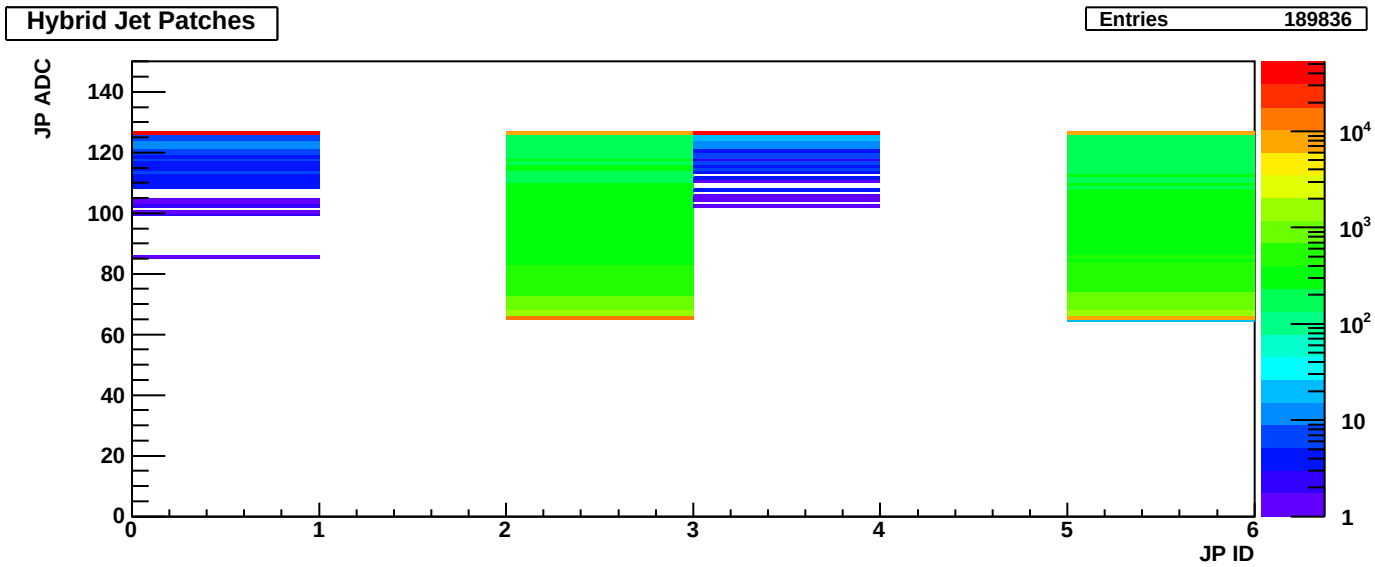

Barrel EMC L0 Input - Patch Sum
Entries 2.84754e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

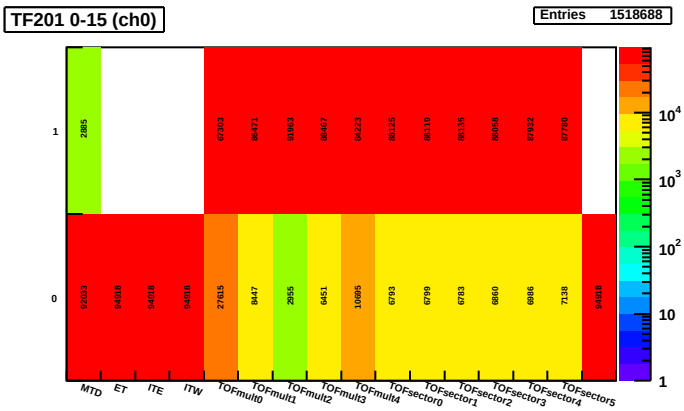

Endcap EMC L0 Input - High Tower
Entries 8542620
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

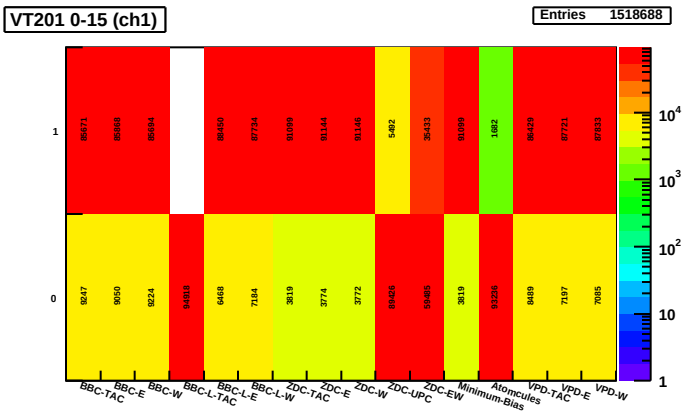

Endcap EMC L0 Input - Patch Sum
Entries 8542620
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

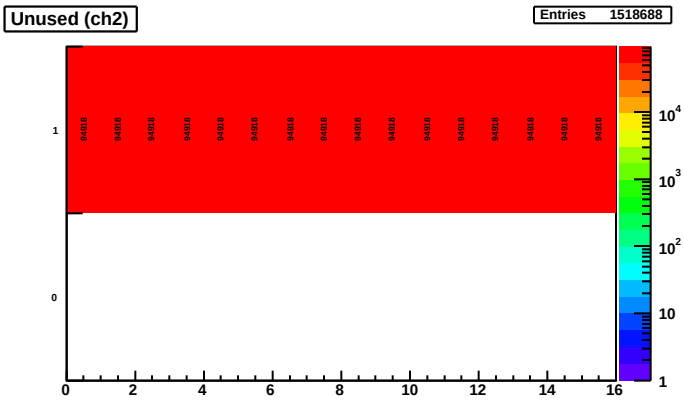

Barrel Jet Patches
Entries 1708524
JP ADC
JP ID

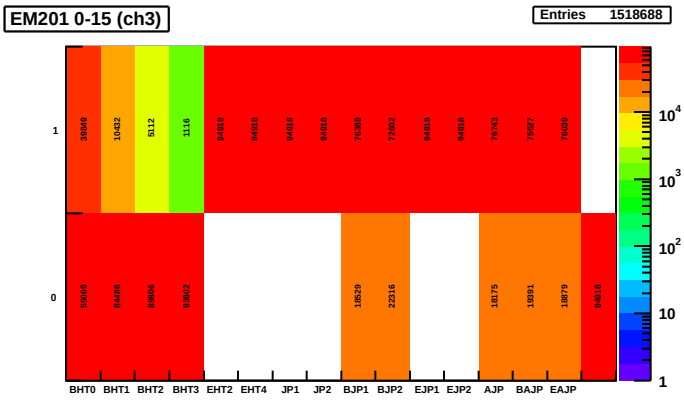

Endcap Jet Patches
Entries 569508
JP ADC
JP ID

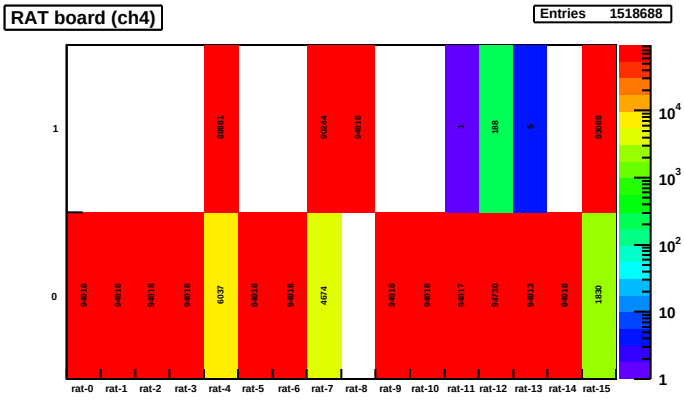

Hybrid Jet Patches
Entries 189836
JP ADC
JP ID

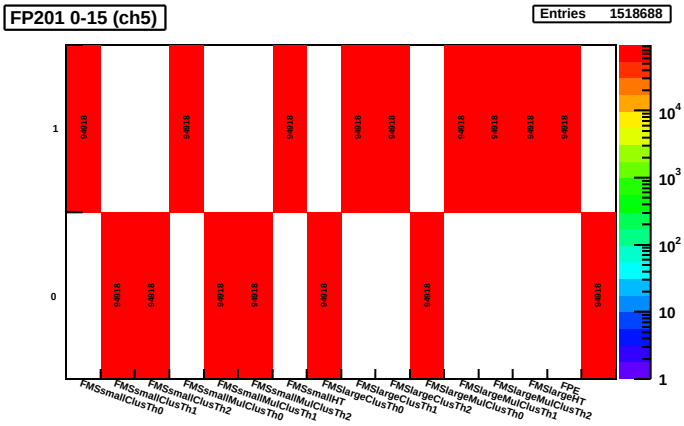

TF201 0-15 (ch0)
Entries 1518688
MTD
ET
ITE
ITW
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFmult4
TOFsector0
TOFsector1
TOFsector2
TOFsector3
TOFsector4
TOFsector5

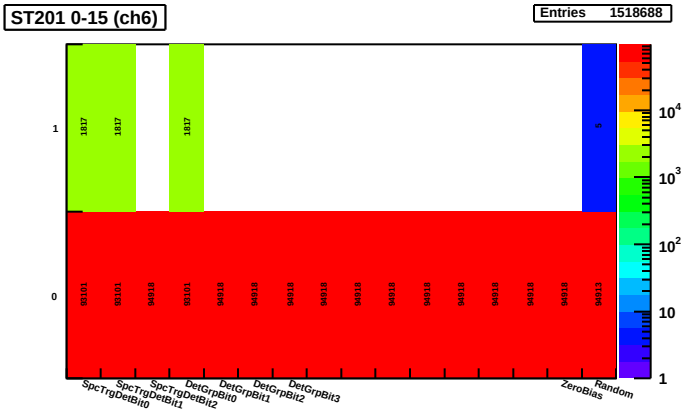

VT201 0-15 (ch1)
Entries 1518688
BBC-TAC
BBC-E
BBC-W
BBC-L-TAC
BBC-L-E
BBC-L-W
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
Minimum-Bias
Atomcules
VPD-TAC
VPD-E
VPD-W

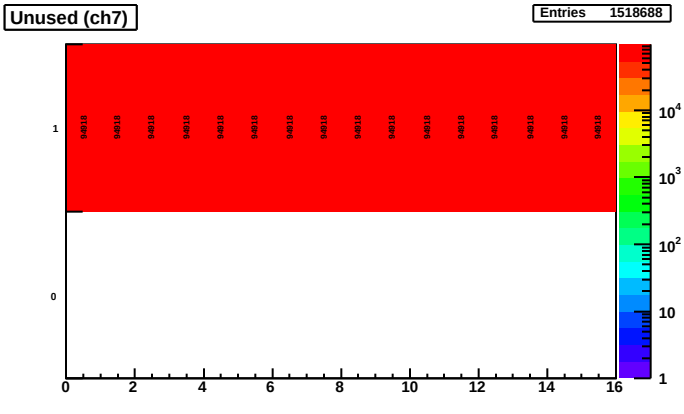

Unused (ch2)
Entries 1518688

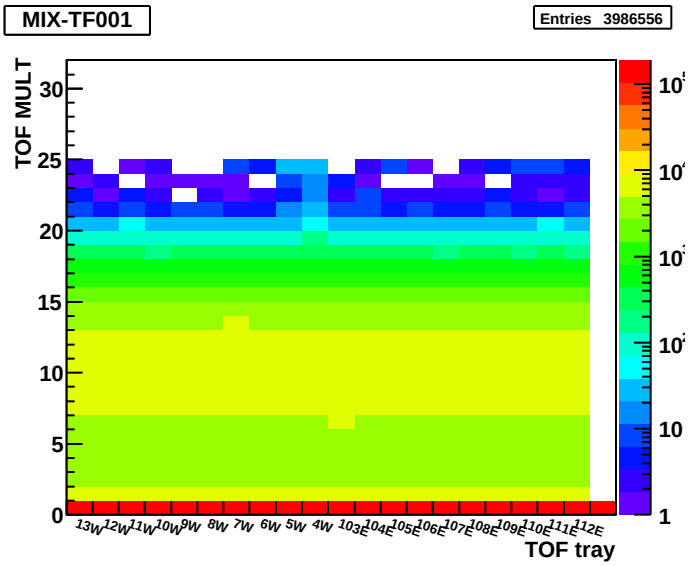

EM201 0-15 (ch3)
Entries 1518688
BHT0
BHT1
BHT2
BHT3
EHT2
EHT4
JP1
JP2
BJP1
BJP2
EJP1
EJP2
AJP
BAJP
EAJP

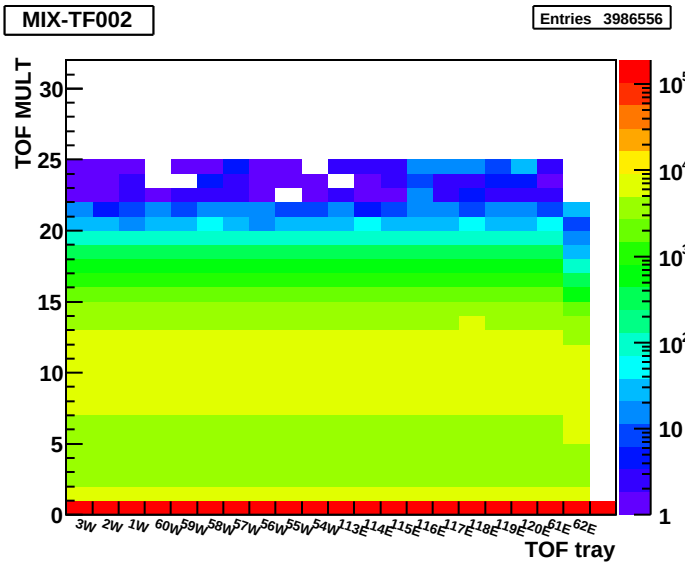

RAT board (ch4)
Entries 1518688
rat-0
rat-1
rat-2
rat-3
rat-4
rat-5
rat-6
rat-7
rat-8
rat-9
rat-10
rat-11
rat-12
rat-13
rat-14
rat-15

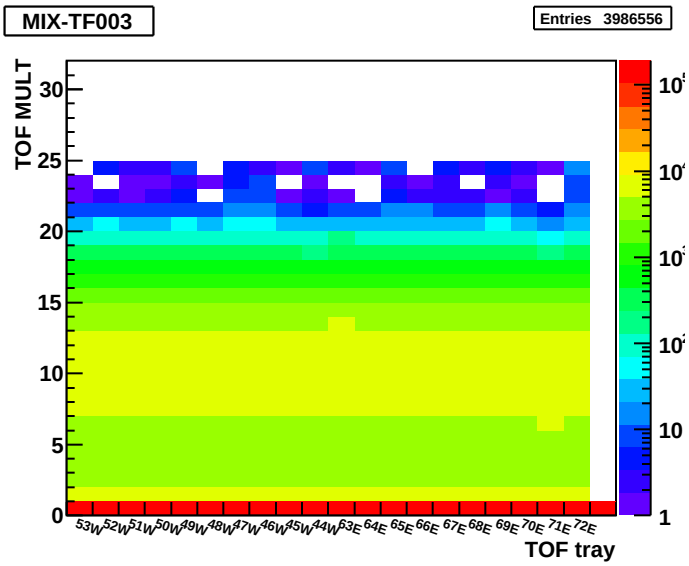

FP201 0-15 (ch5)
Entries 1518688
FMSsmallClusTh0
FMSsmallClusTh1
FMSsmallClusTh2
FMSsmallMulClusTh0
FMSsmallMulClusTh1
FMSsmallMulClusTh2
FMSsmallHT
FMSlargeClusTh0
FMSlargeClusTh1
FMSlargeClusTh2
FMSlargeMulClusTh0
FMSlargeMulClusTh1
FMSlargeMulClusTh2
FMSlargeHT
FPE

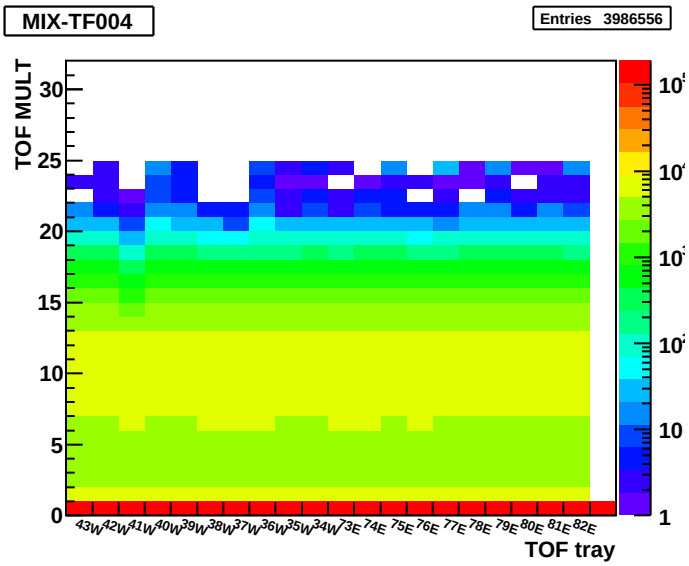

ST201 0-15 (ch6)
Entries 1518688
SpcTrgDetBit0
SpcTrgDetBit1
SpcTrgDetBit2
DetCrpBit0
DetCrpBit1
DetCrpBit2
DetCrpBit3
ZeroBias
Random

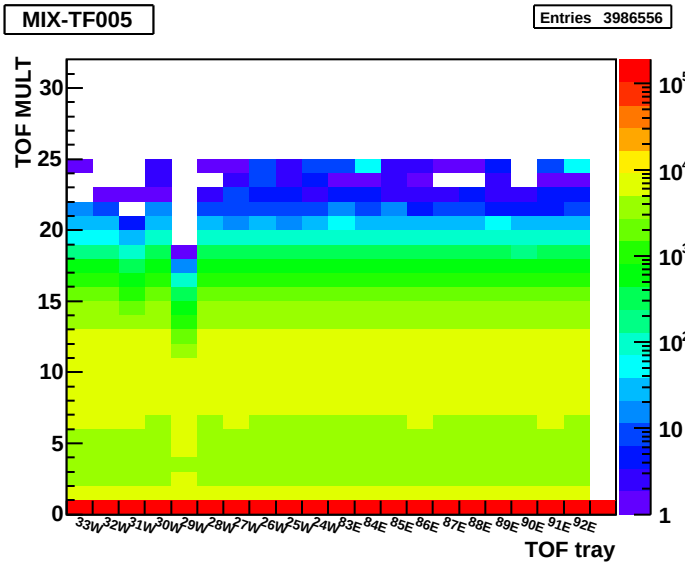

Unused (ch7)
Entries 1518688

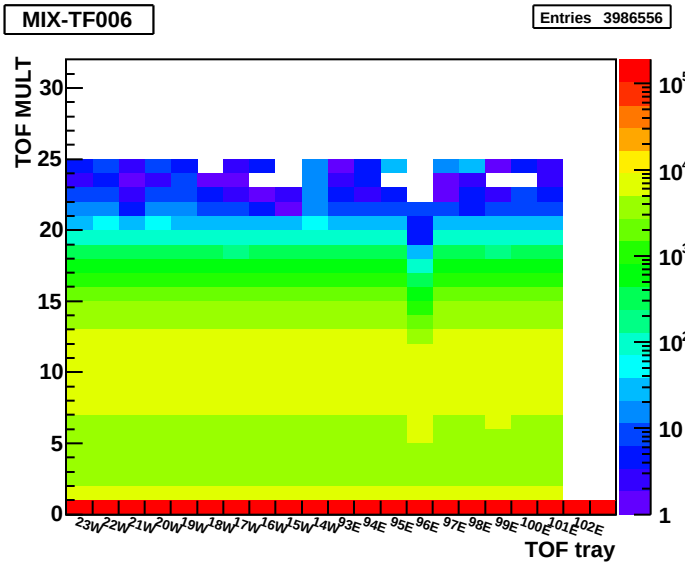

MIX-TF001
Entries 3986556
TOF MULT
TOF tray

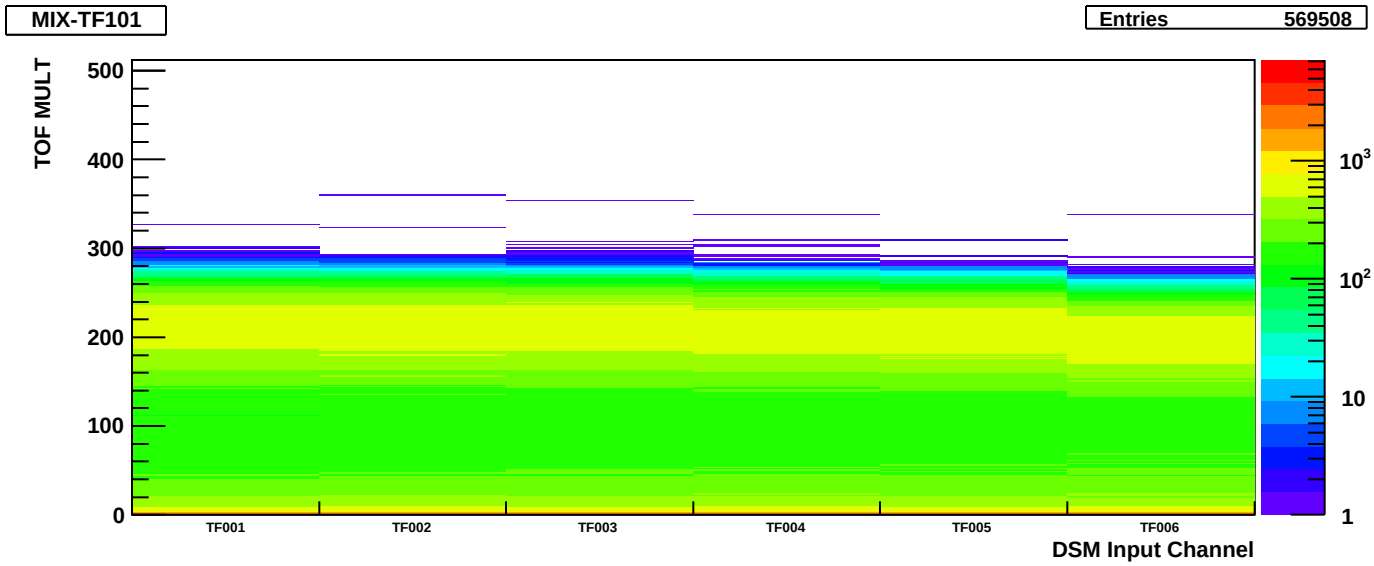

MIX-TF002
Entries 3986556
TOF MULT
TOF tray

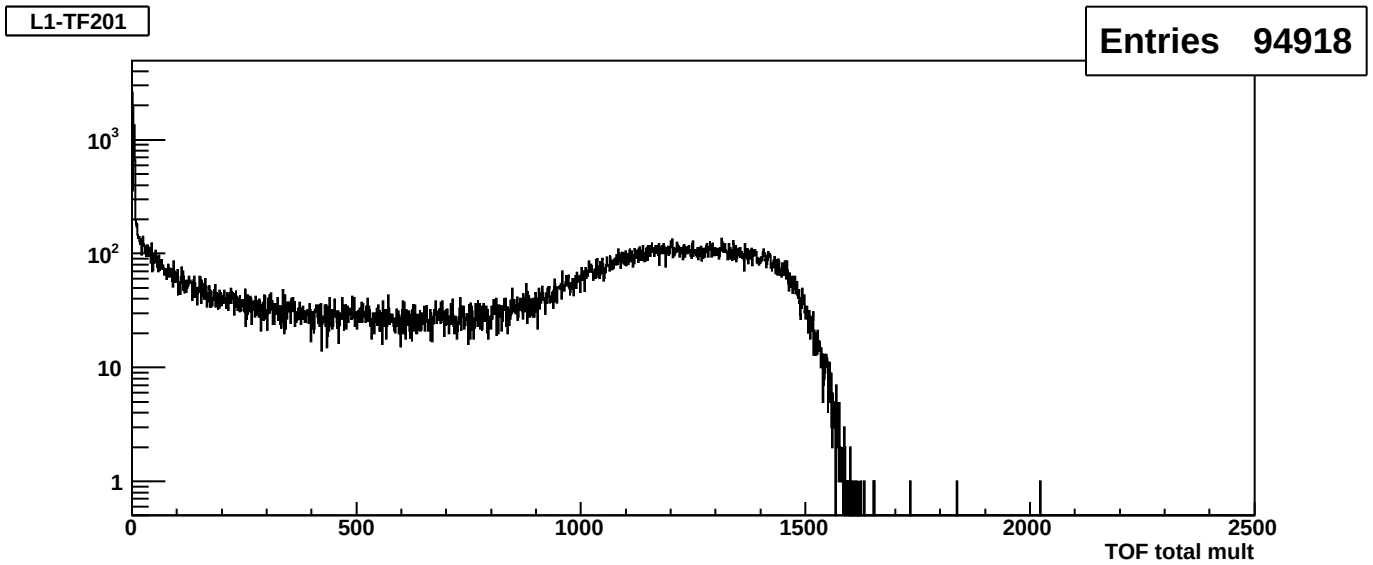

MIX-TF003
Entries 3986556
TOF MULT
TOF tray

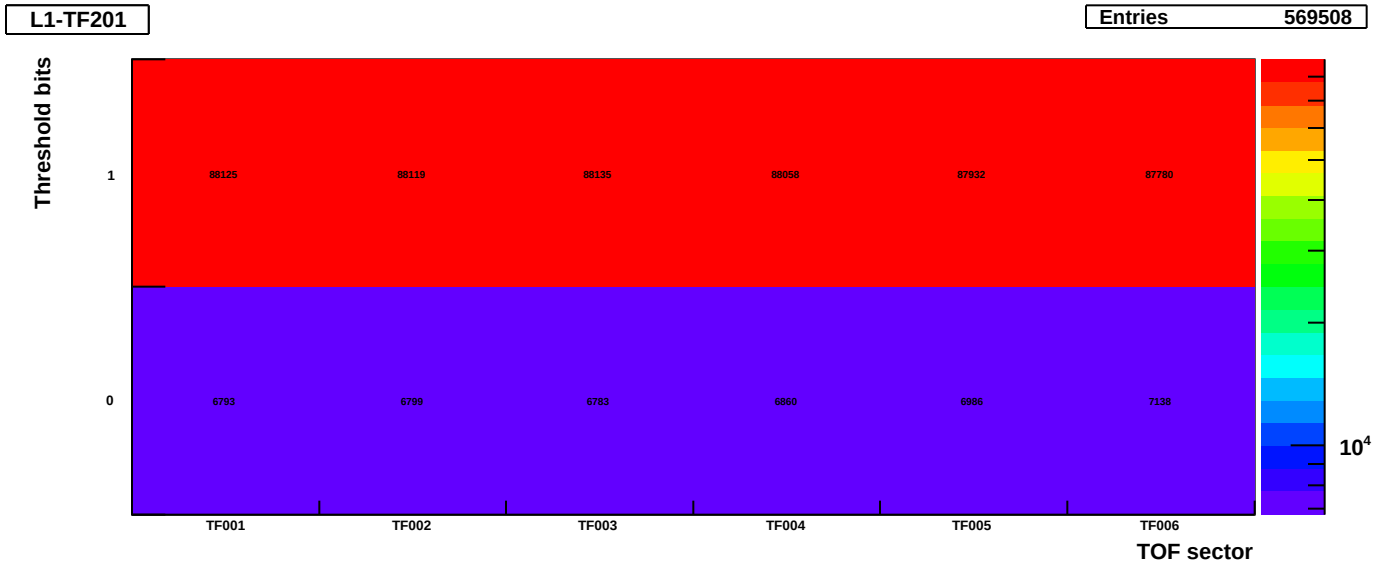

MIX-TF004
Entries 3986556
TOF MULT
TOF tray

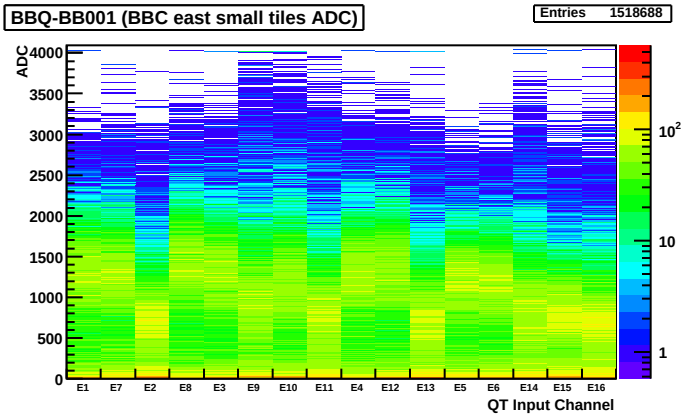

MIX-TF005
Entries 3986556
TOF MULT
TOF tray

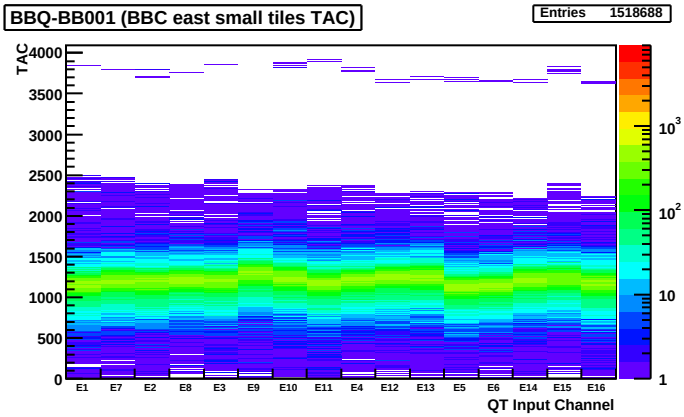

MIX-TF006
Entries 3986556
TOF MULT
TOF tray

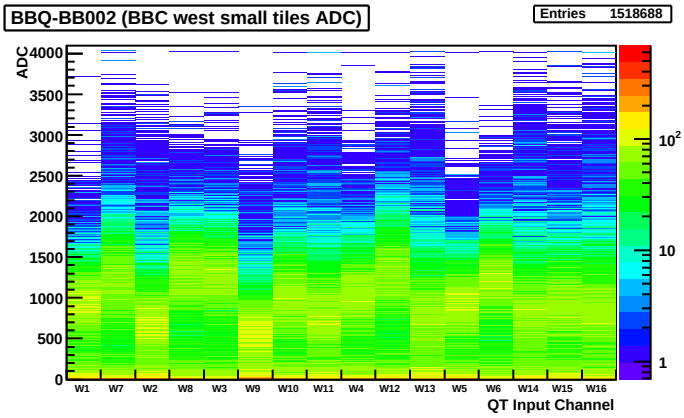

MIX-TF101
Entries 569508
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

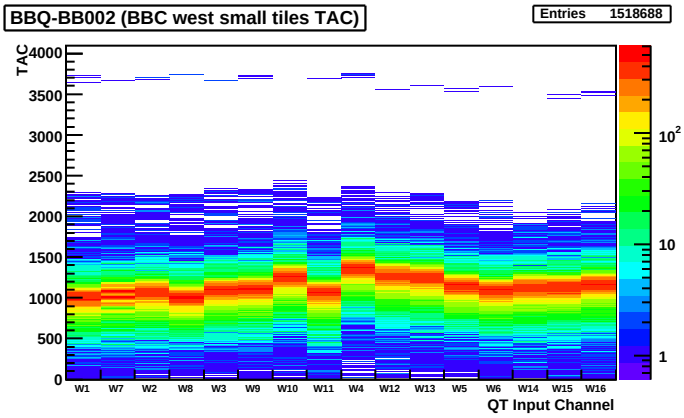

L1-TF201
Entries 94918
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

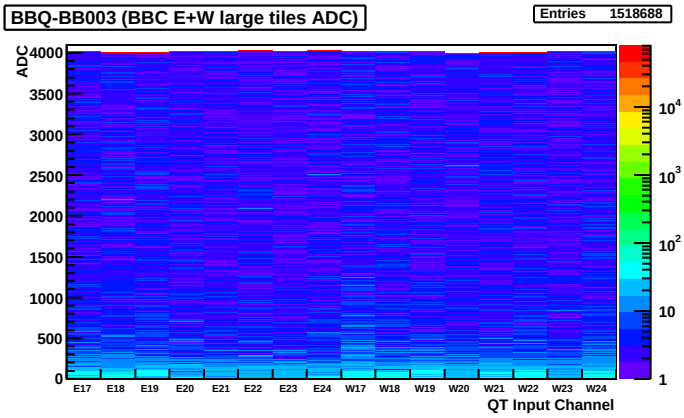

L1-TF201
Entries 569508
Threshold bits
1
0
88125
88119
88135
88058
87932
87780
6793
6799
6783
6860
6986
7138
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4

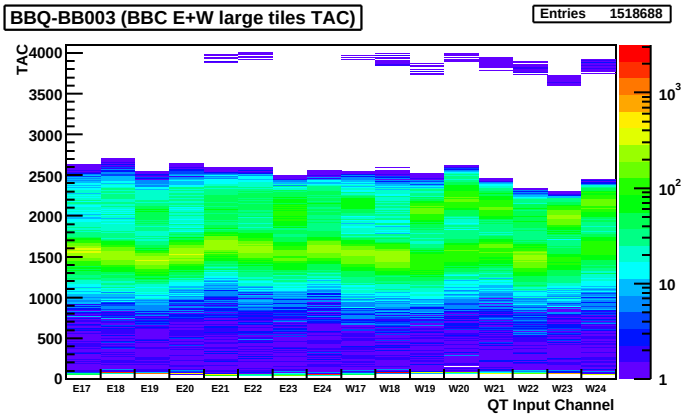

BBQ-BB001 (BBC east small tiles ADC)
Entries 1518688
ADC
QT Input Channel

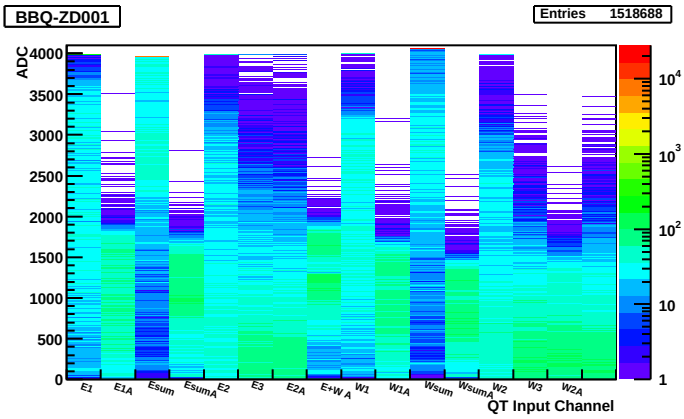

BBQ-BB001 (BBC east small tiles TAC)
Entries 1518688
TAC
QT Input Channel

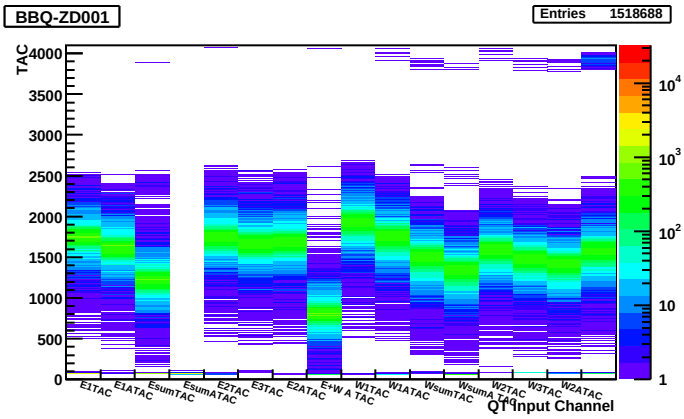

BBQ-BB002 (BBC west small tiles ADC)
Entries 1518688
ADC
QT Input Channel

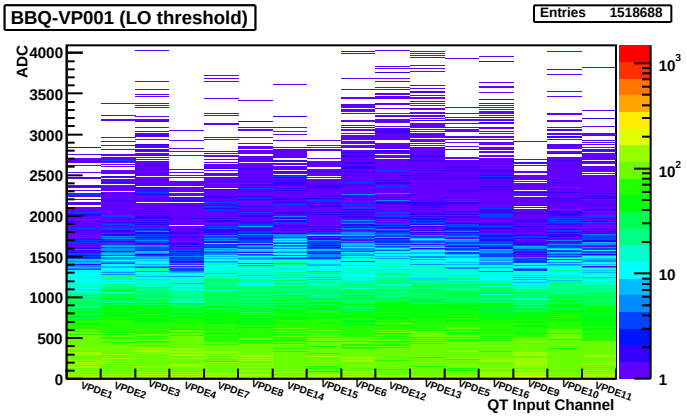

BBQ-BB002 (BBC west small tiles TAC)
Entries 1518688
TAC
QT Input Channel

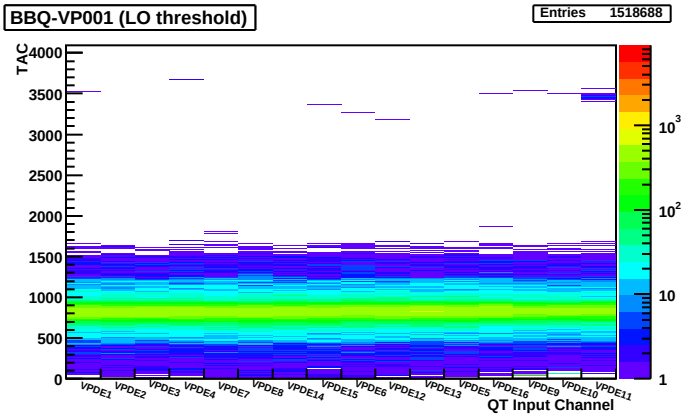

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1518688
ADC
QT Input Channel

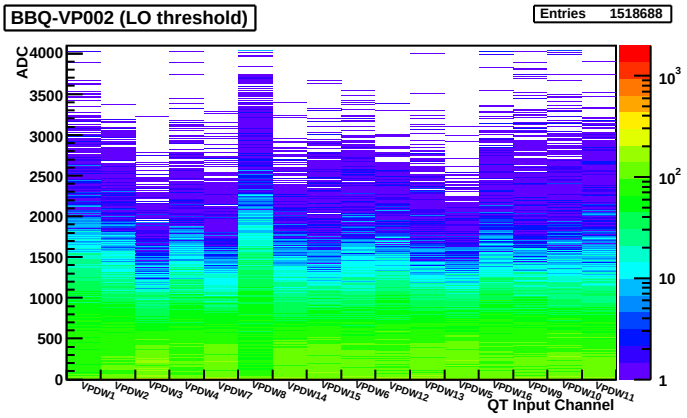

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1518688
TAC
QT Input Channel

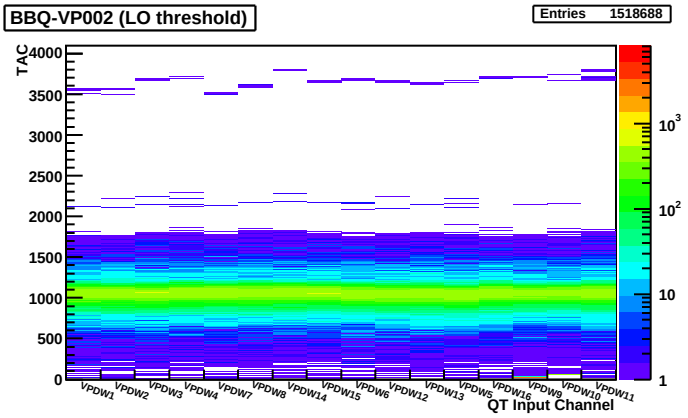

BBQ-ZD001
Entries 1518688
ADC
QT Input Channel

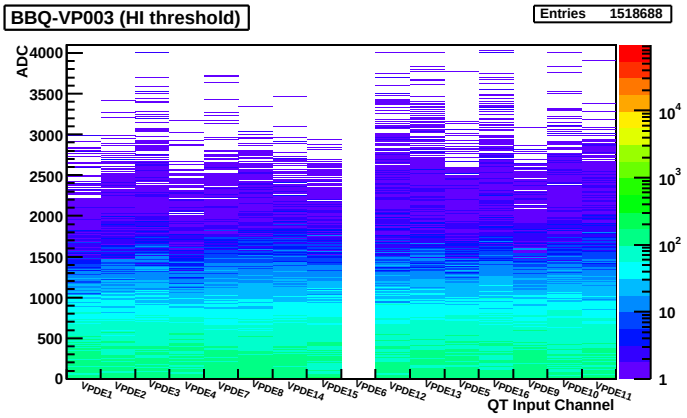

BBQ-ZD001
Entries 1518688
TAC
QT Input Channel

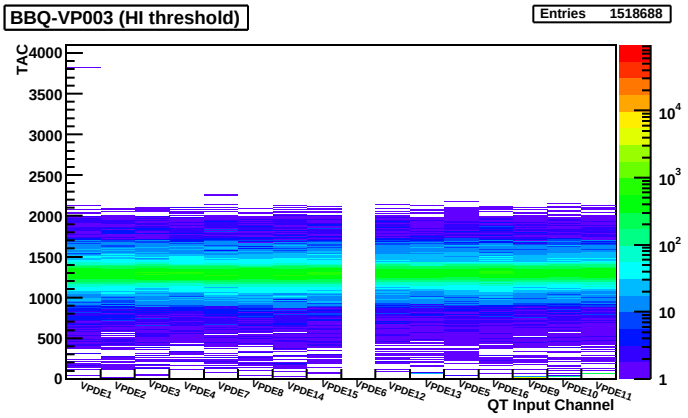

BBQ-VP001 (LO threshold)
Entries 1518688
ADC
QT Input Channel

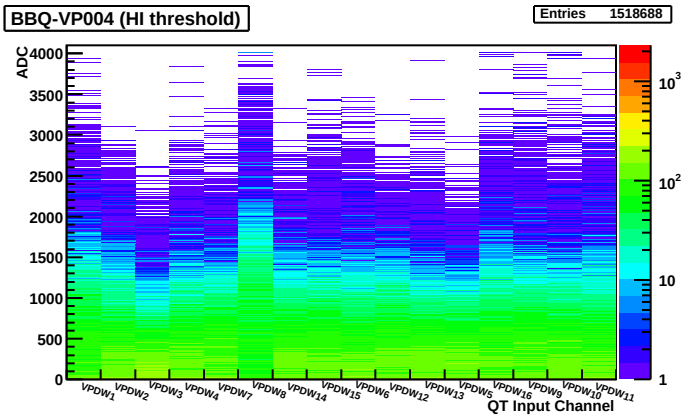

BBQ-VP001 (LO threshold)
Entries 1518688
TAC
QT Input Channel

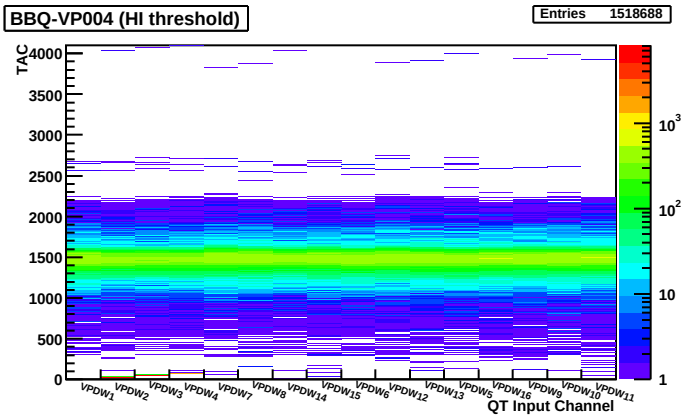

BBQ-VP002 (LO threshold)
Entries 1518688
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 1518688
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 1518688
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 1518688
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 1518688
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 1518688
TAC
QT Input Channel