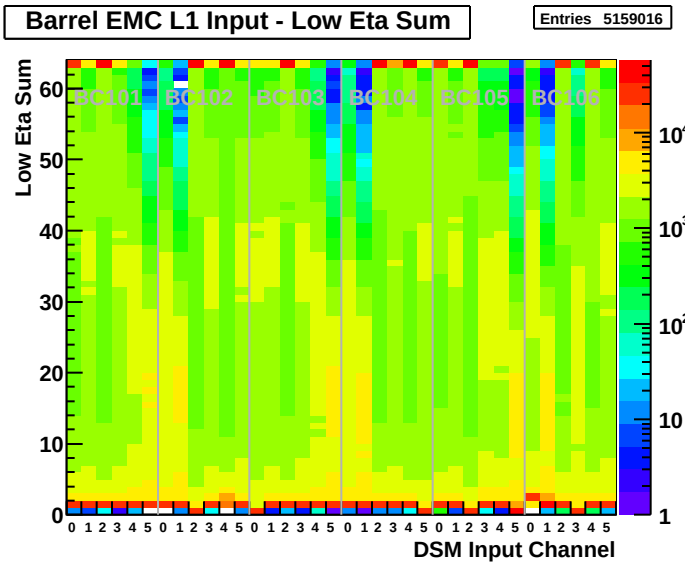
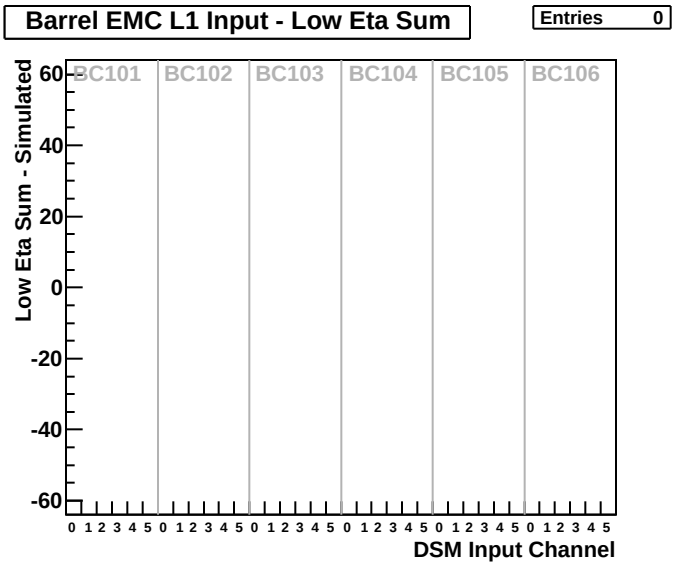
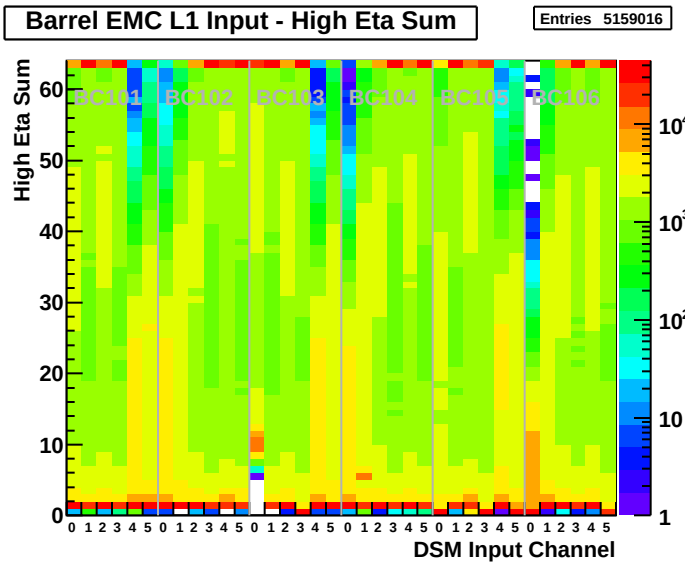
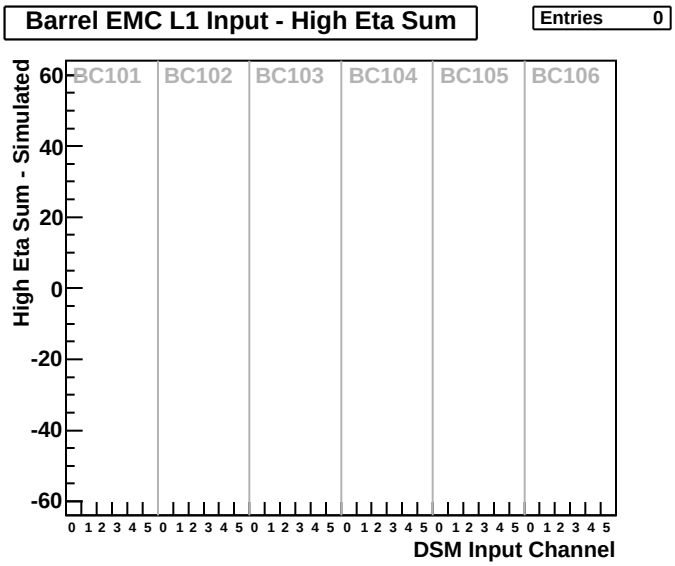
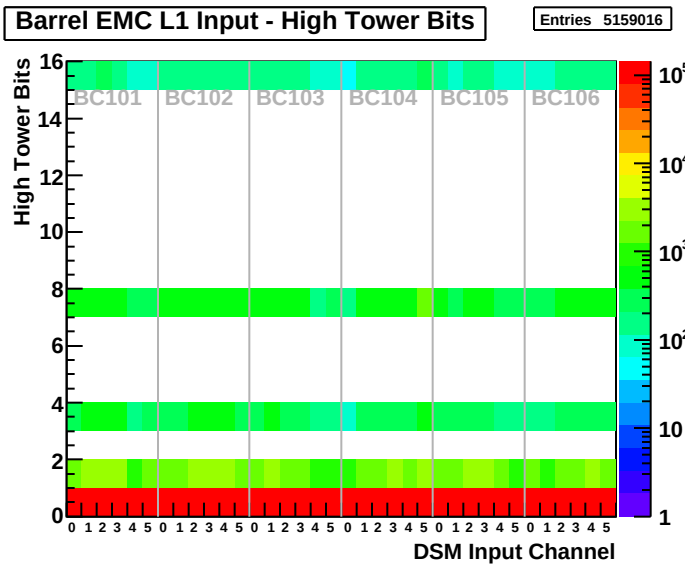
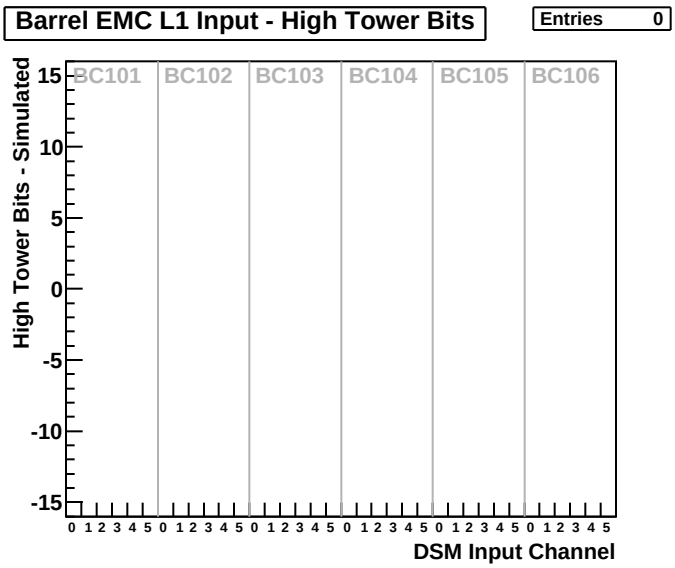

Barrel EMC L1 Input - Low Eta Sum
Entries 5159016
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

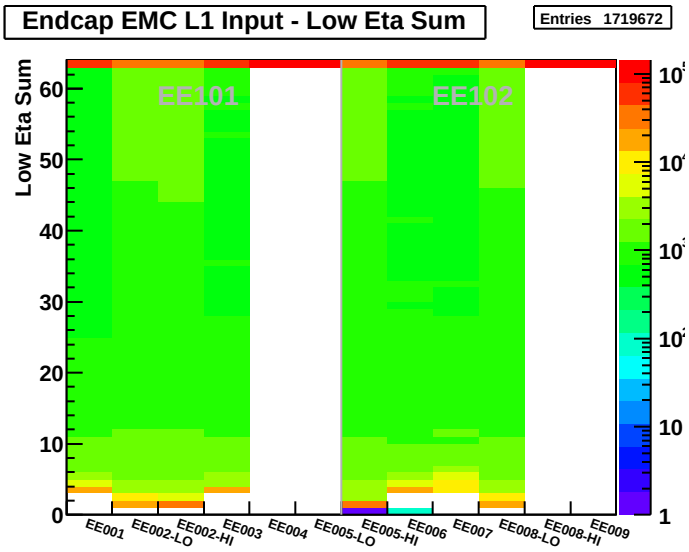

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

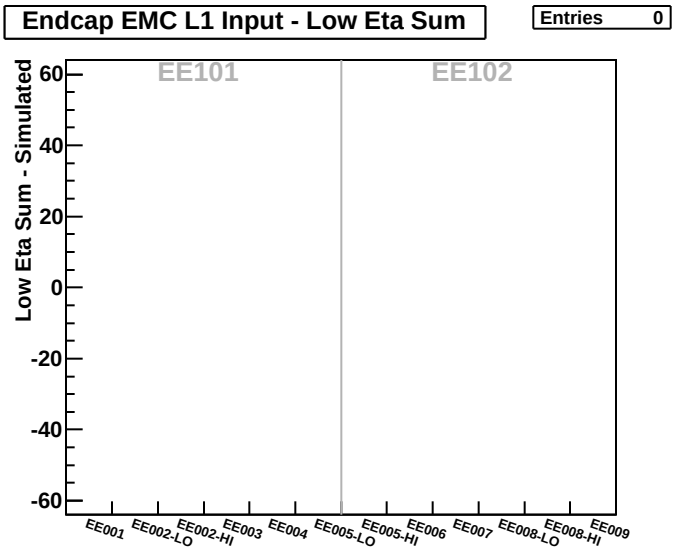

Barrel EMC L1 Input - High Eta Sum
Entries 5159016
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

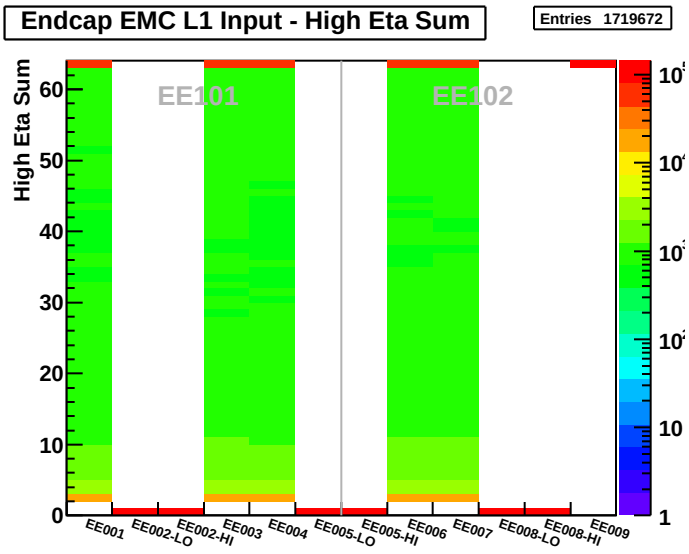

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

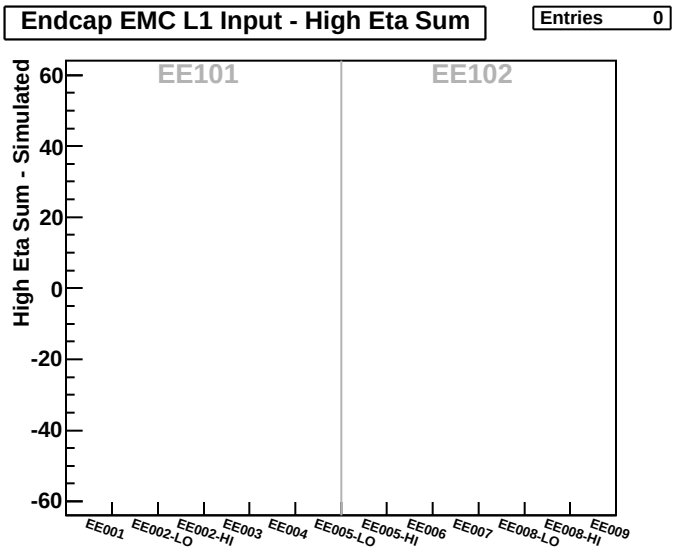

Barrel EMC L1 Input - High Tower Bits
Entries 5159016
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

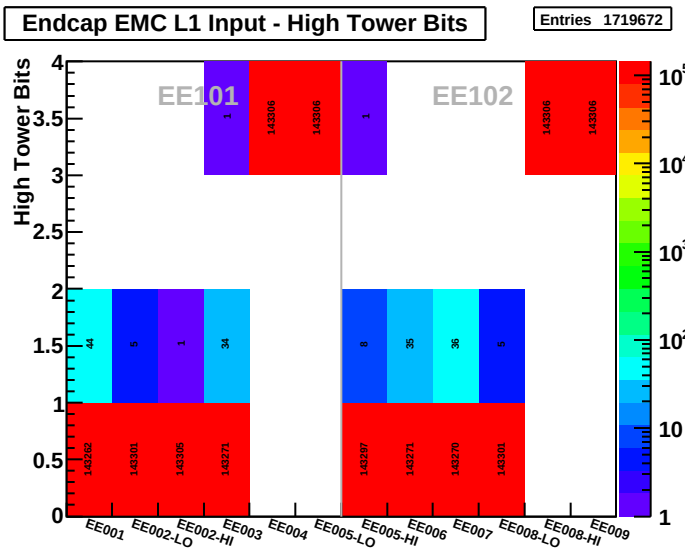

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

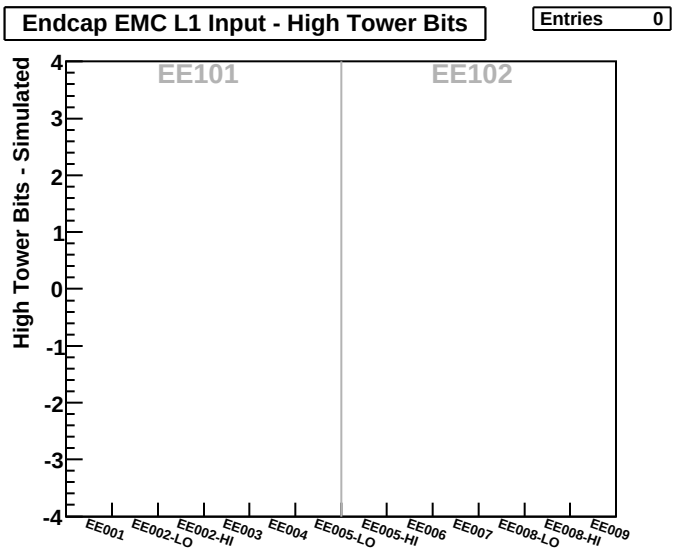

Endcap EMC L1 Input - Low Eta Sum
Entries 1719672
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

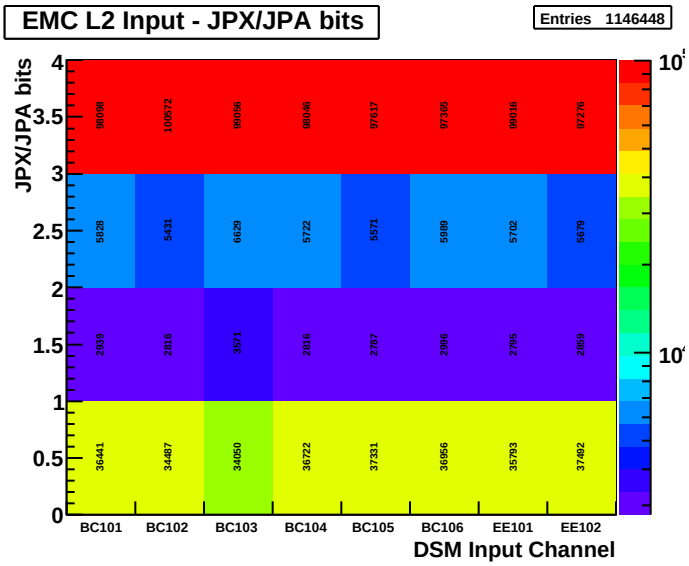

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

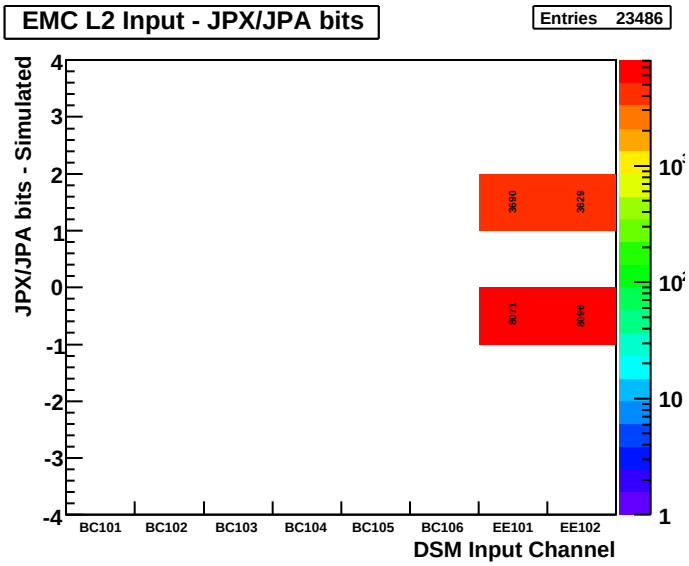

Endcap EMC L1 Input - High Eta Sum
Entries 1719672
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

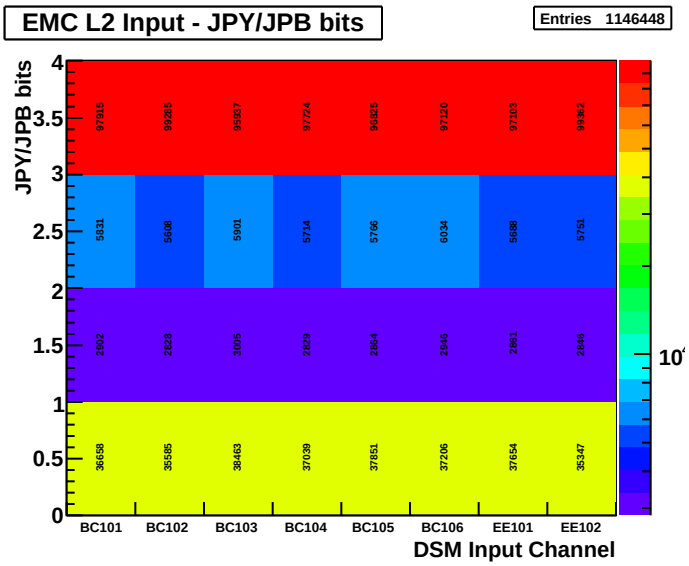

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

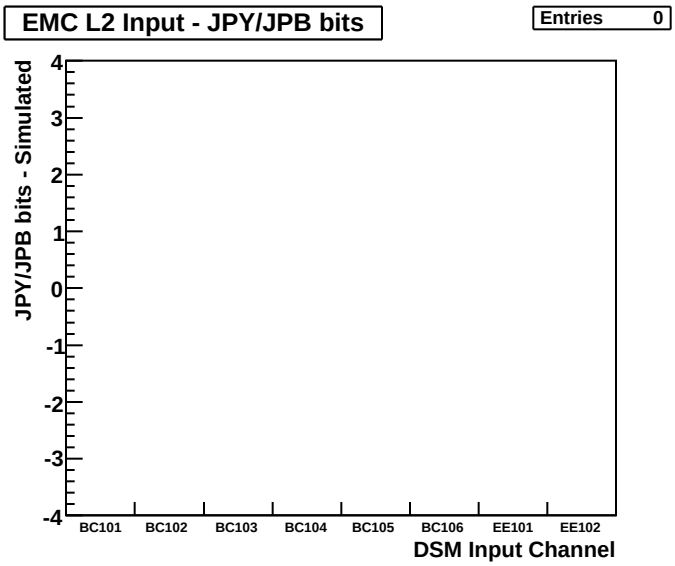

Endcap EMC L1 Input - High Tower Bits
Entries 1719672
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

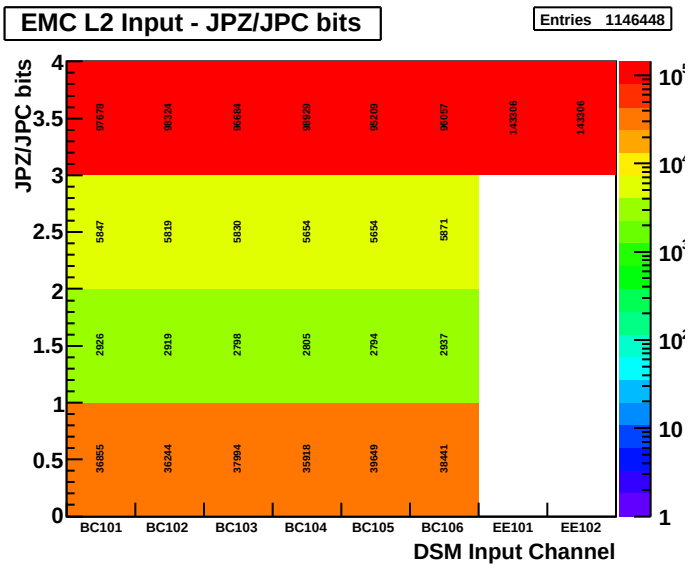

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

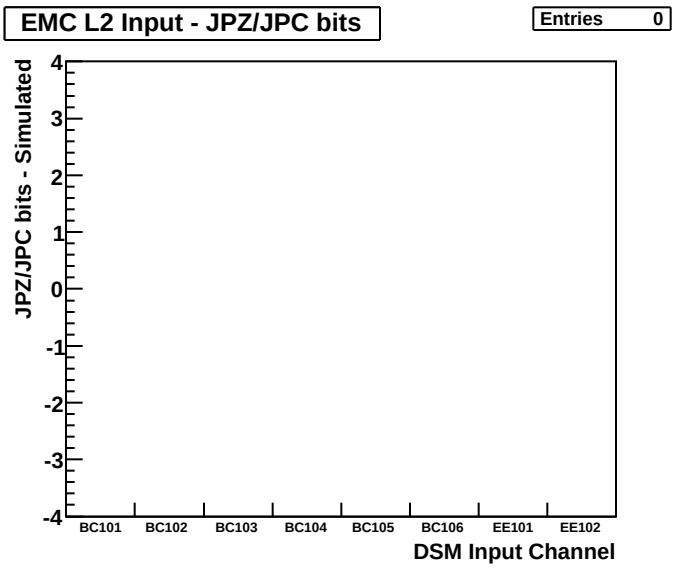

EMC L2 Input - JPX/JPA bits
Entries 1146448
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
98098 100572 99056 98046 97617 97365 98016 97276
5828 5431 6629 5722 5571 5989 5702 5679
2339 2316 3571 2316 2787 2396 2795 2359
36441 34487 34050 36722 37331 36956 35793 37492

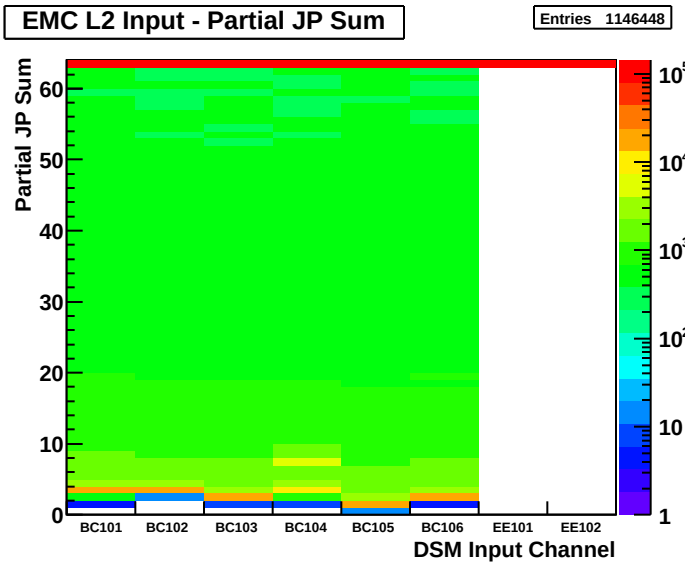

EMC L2 Input - JPX/JPA bits
Entries 23486
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
3690 3629
8071 8096

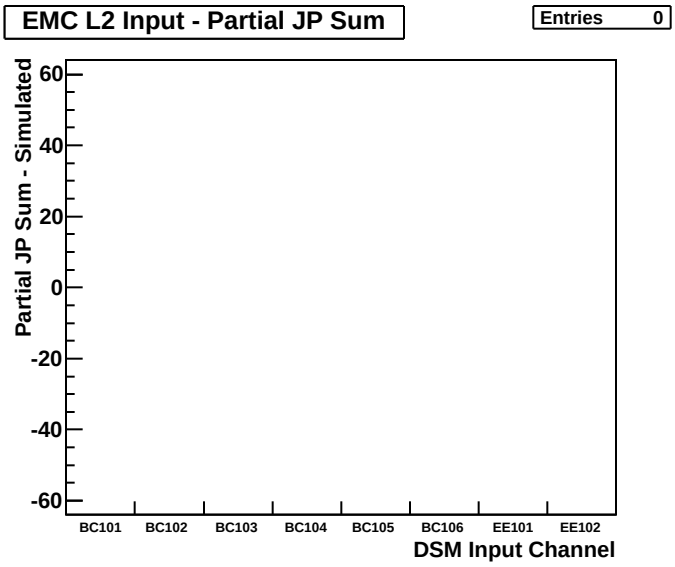

EMC L2 Input - JPY/JPB bits
Entries 1146448
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
97915 99285 95937 97724 96825 97120 97103 99362
5831 5608 5901 5714 5766 6034 5688 5751
2802 2820 3005 2829 2854 2946 2861 2946
36658 35585 38463 37039 37851 37206 37654 35347

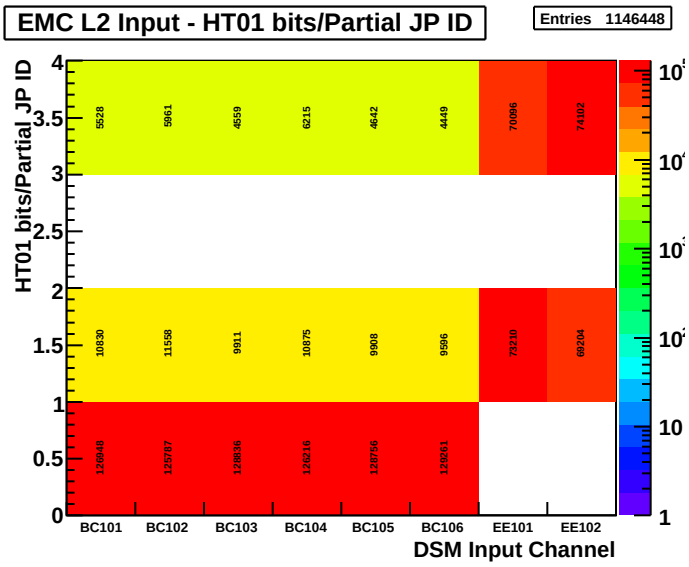

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

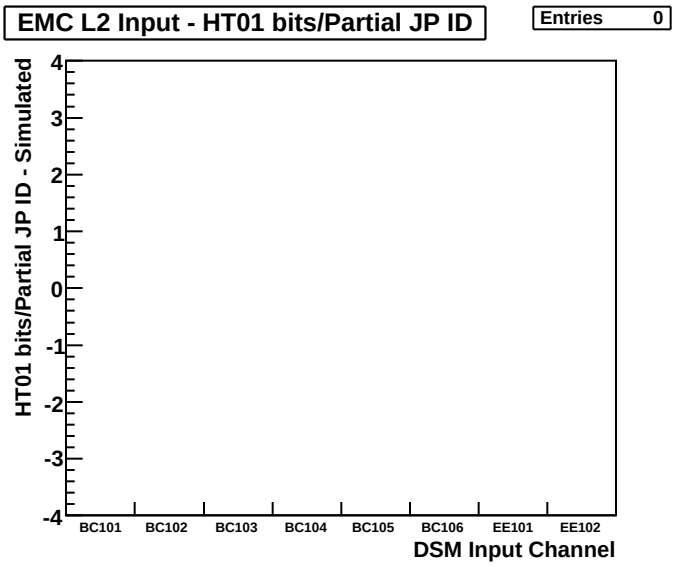

EMC L2 Input - JPZ/JPC bits
Entries 1146448
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
97678 98324 96684 98929 95209 96057 143306 143306
5847 5819 5830 5654 5654 5871
2926 2919 2798 2805 2794 2937
36855 36244 37894 35918 39649 38441

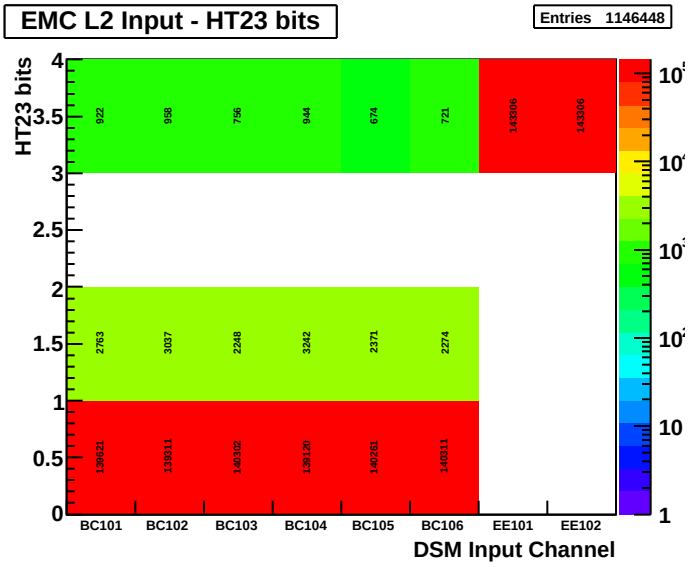

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

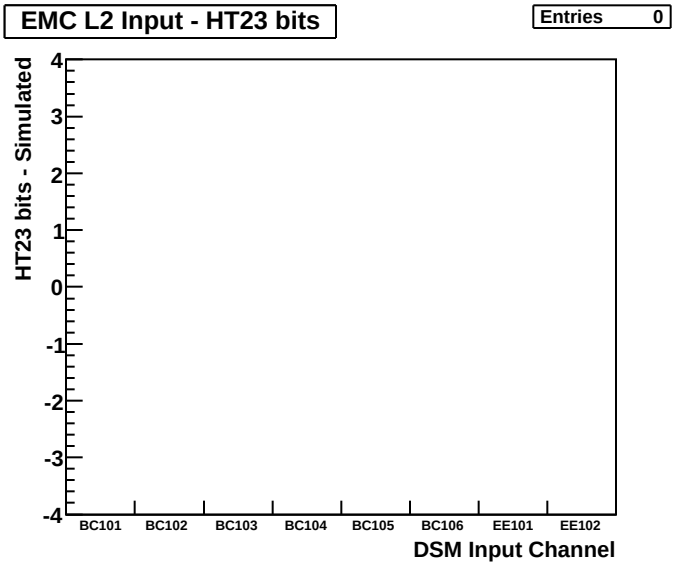

EMC L2 Input - Partial JP Sum
Entries 1146448
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

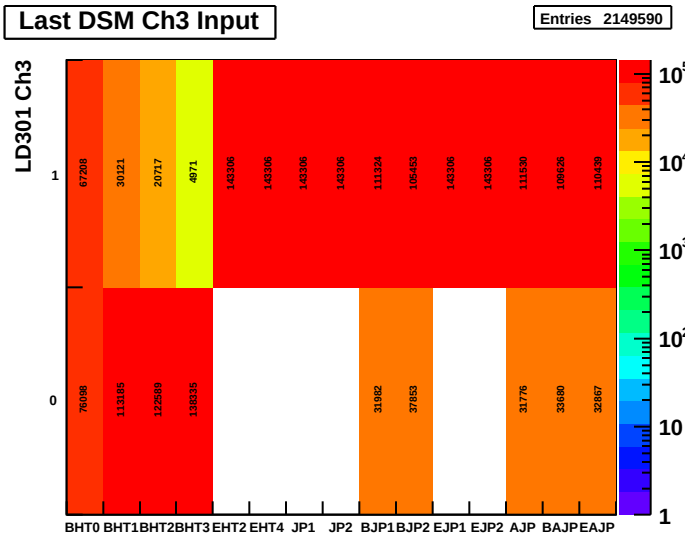

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

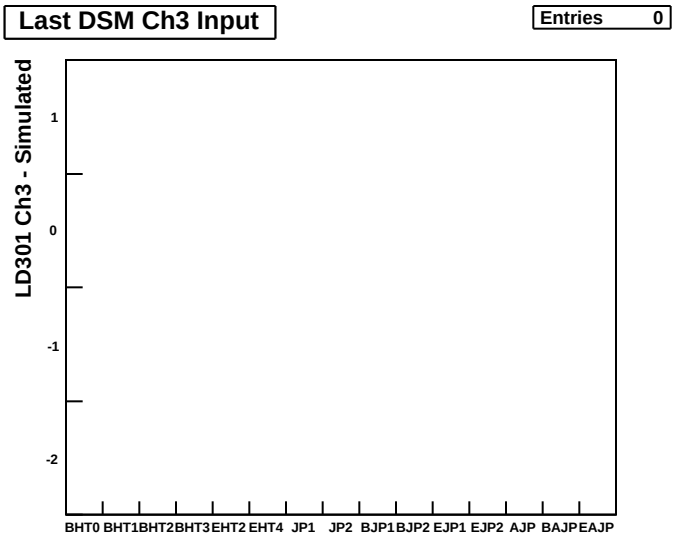

EMC L2 Input - HT01 bits/Partial JP ID
Entries 1146448
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

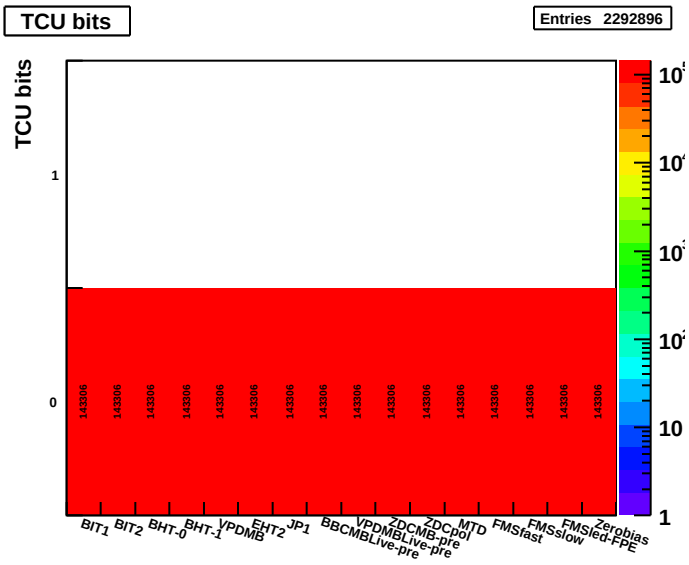

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

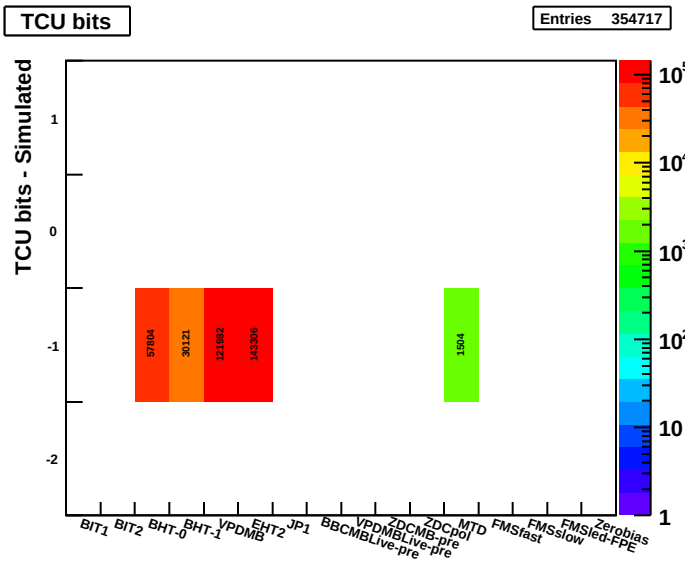

EMC L2 Input - HT23 bits
Entries 1146448
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

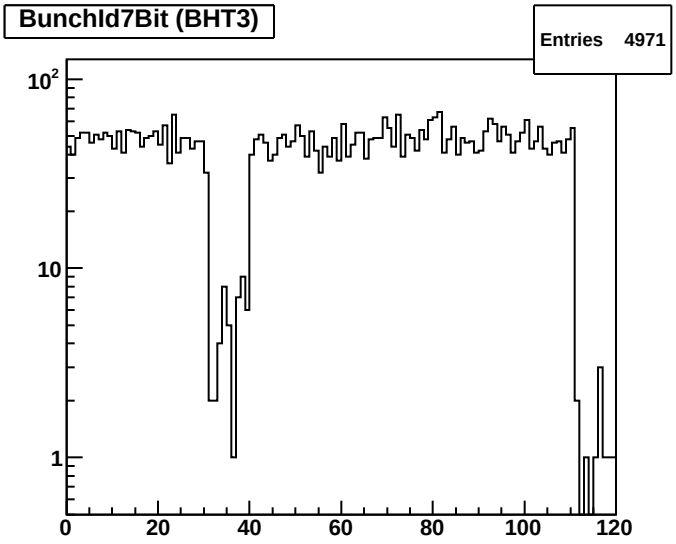

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

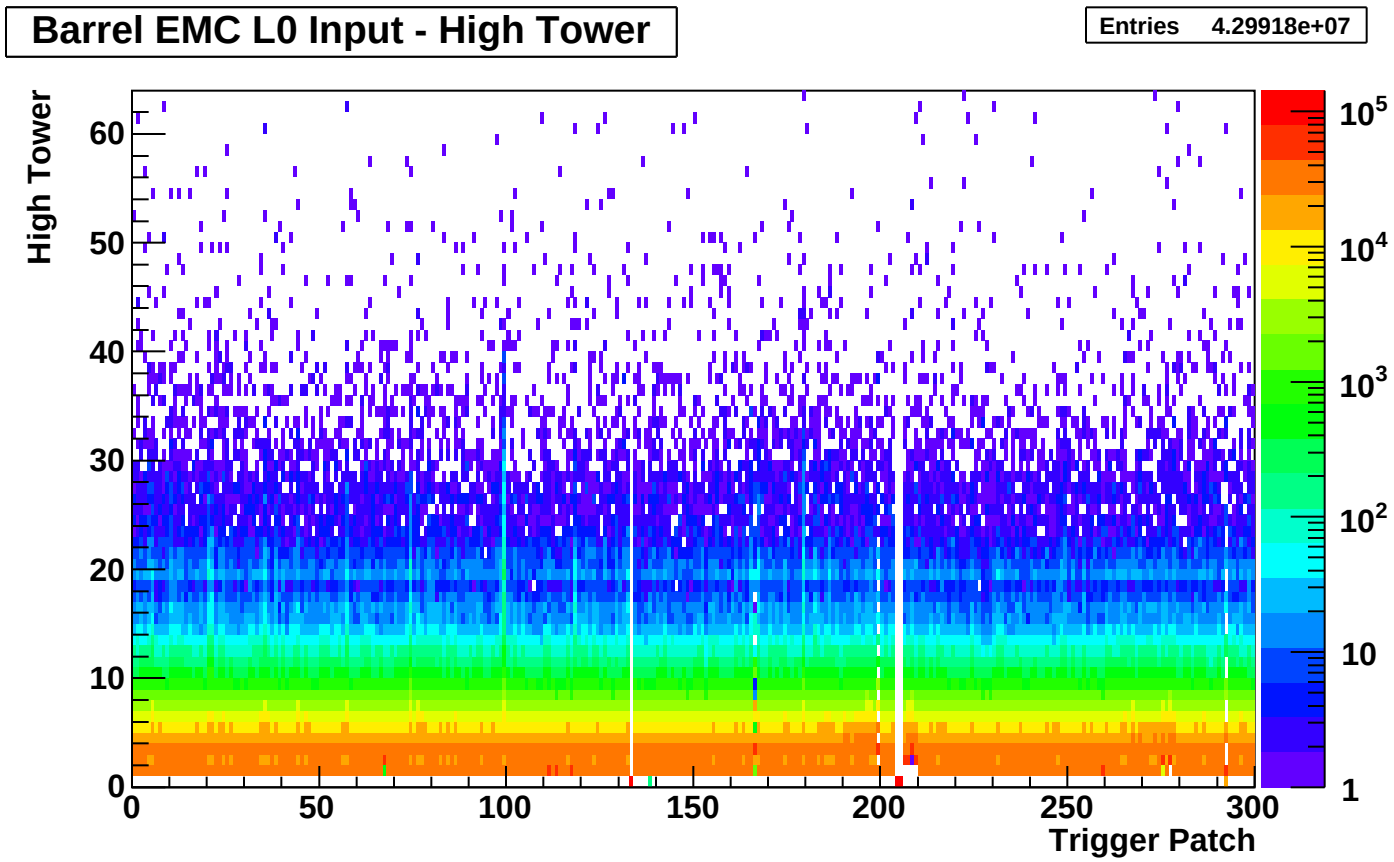

Last DSM Ch3 Input
Entries 2149590
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

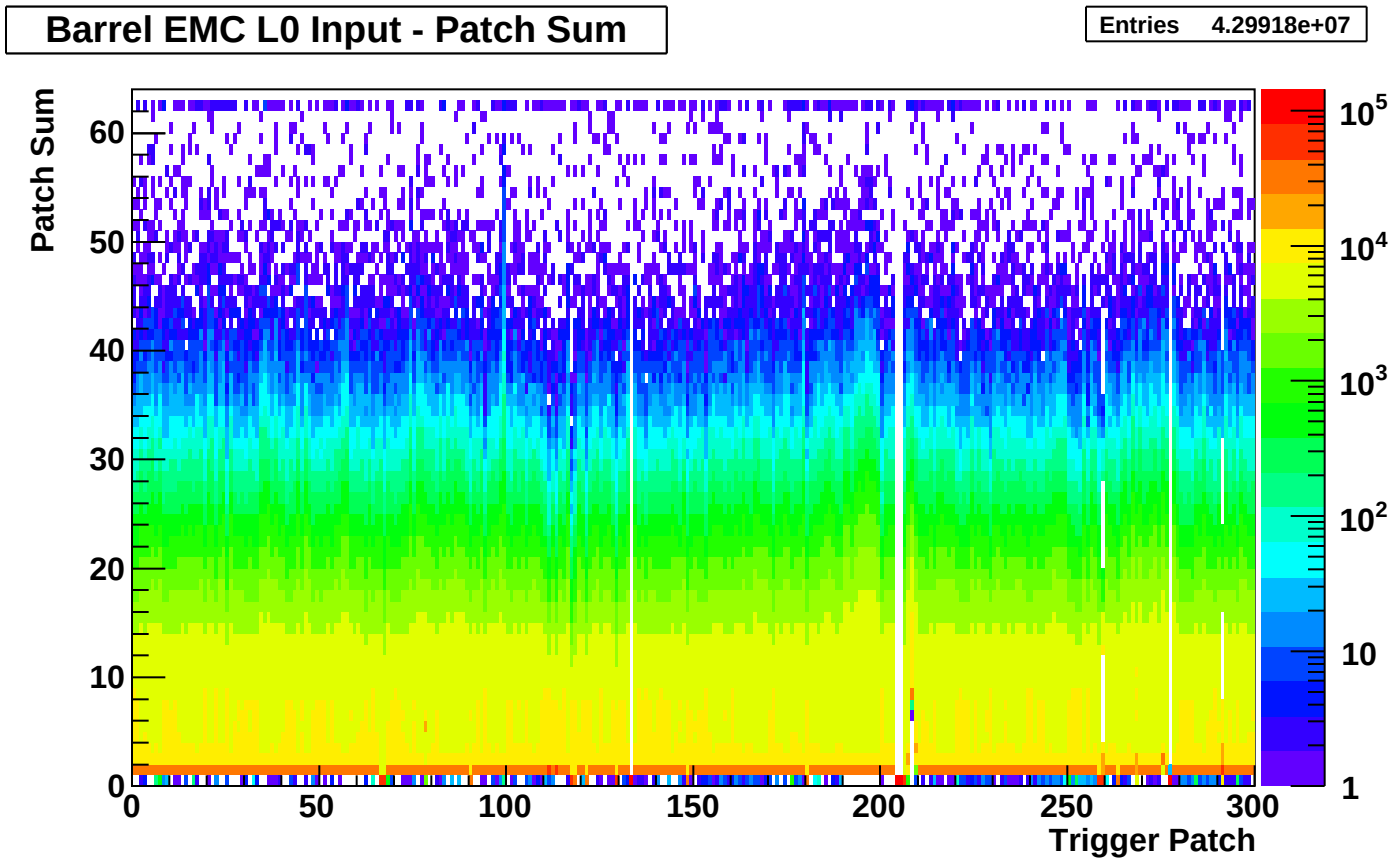

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

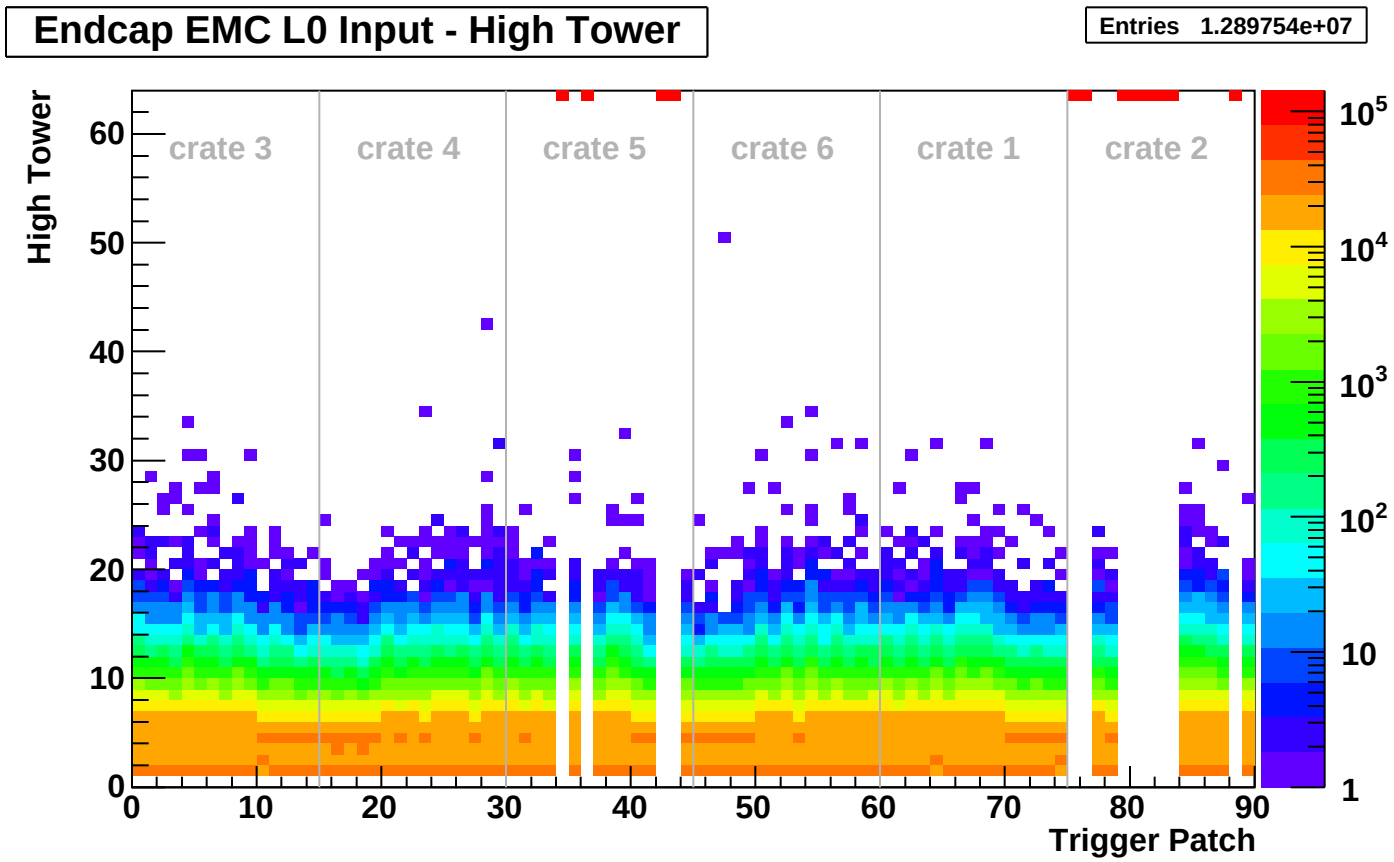

TCU bits
Entries 2292896
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

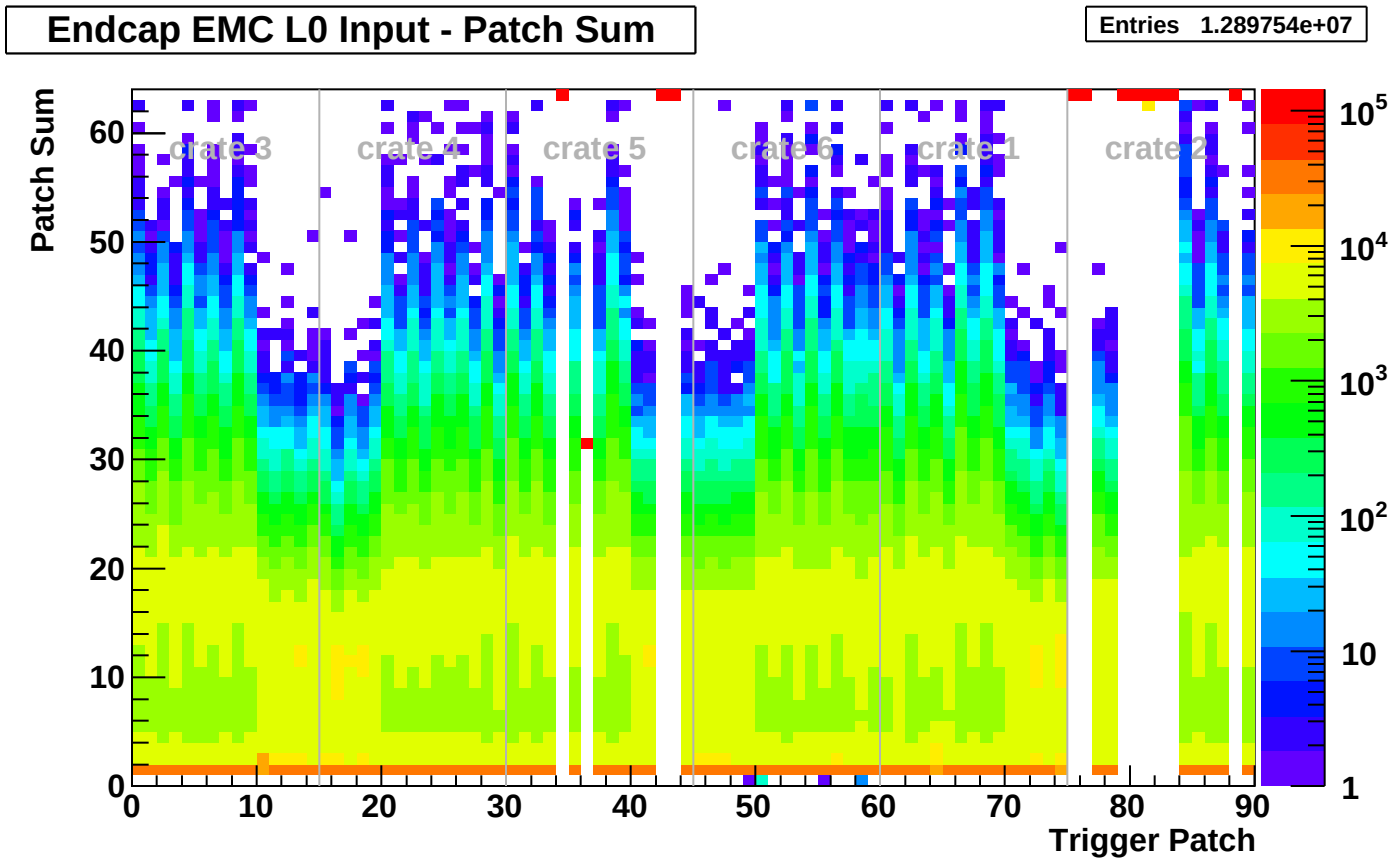

TCU bits
Entries 354717
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

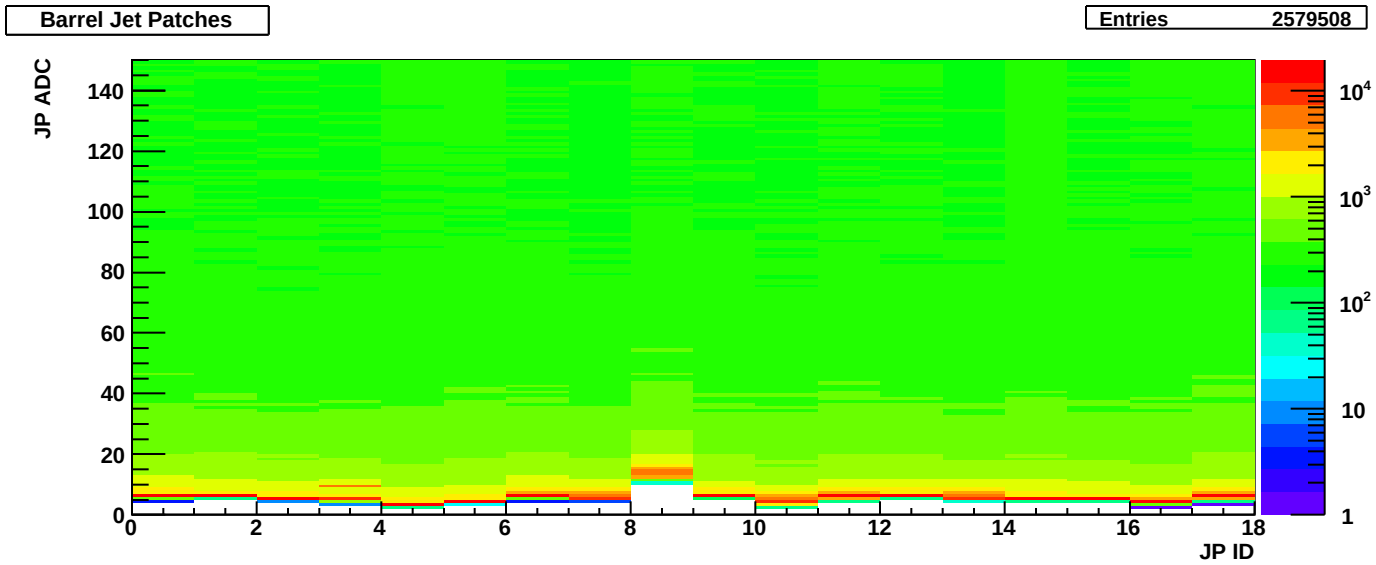

BunchId7Bit (BHT3)
Entries 4971

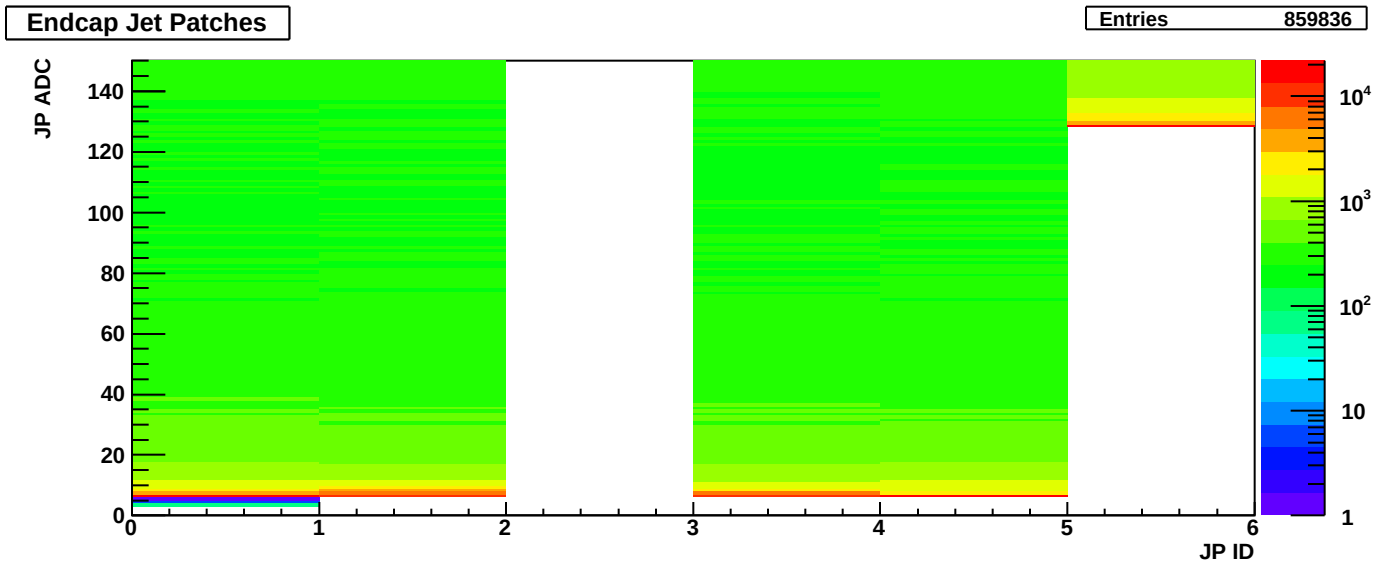

Barrel EMC L0 Input - High Tower
Entries 4.29918e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

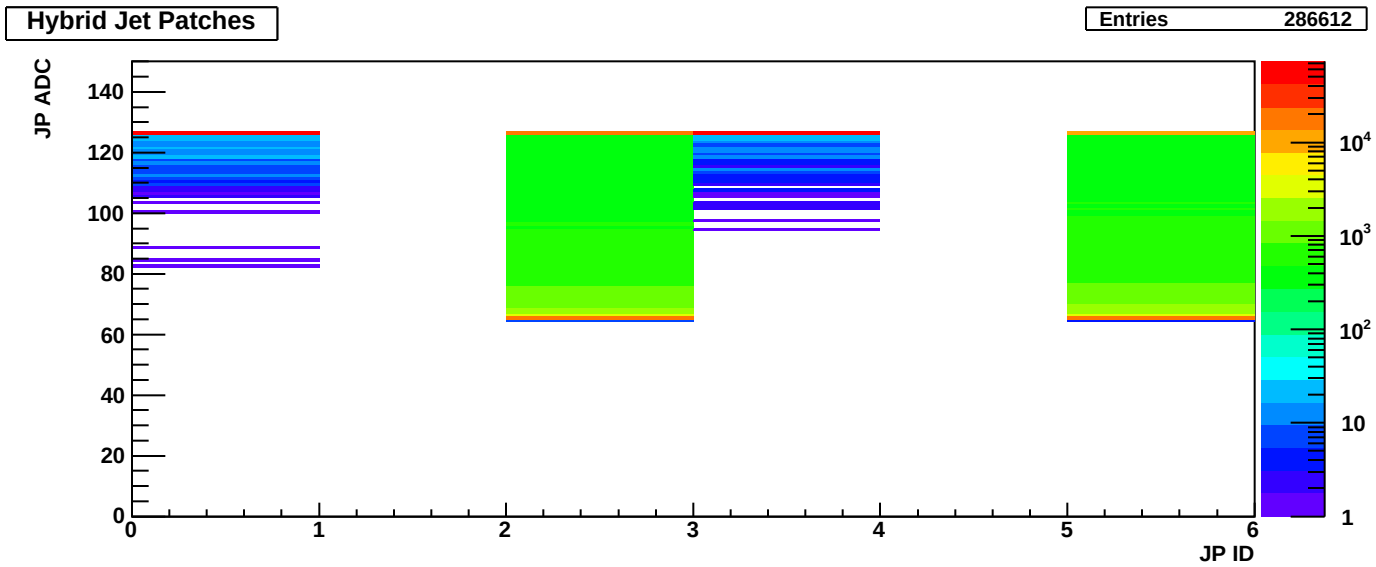

Barrel EMC L0 Input - Patch Sum
Entries 4.29918e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

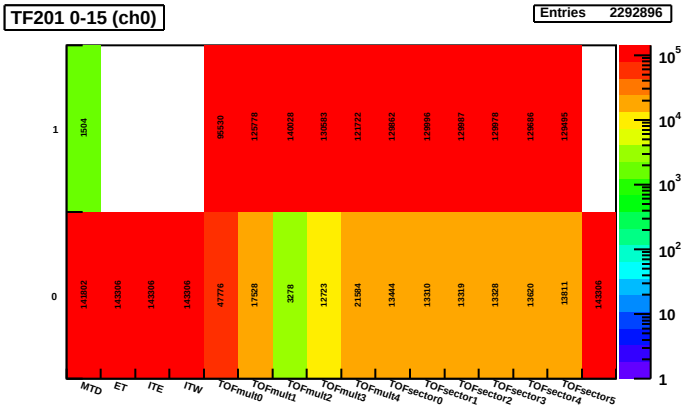

Endcap EMC L0 Input - High Tower
Entries 1.289754e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

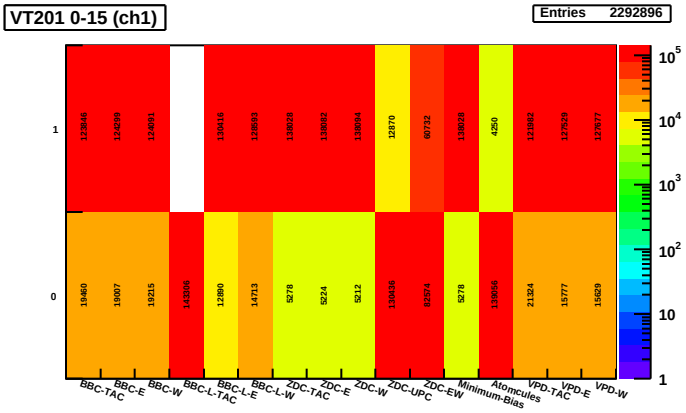

Endcap EMC L0 Input - Patch Sum
Entries 1.289754e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

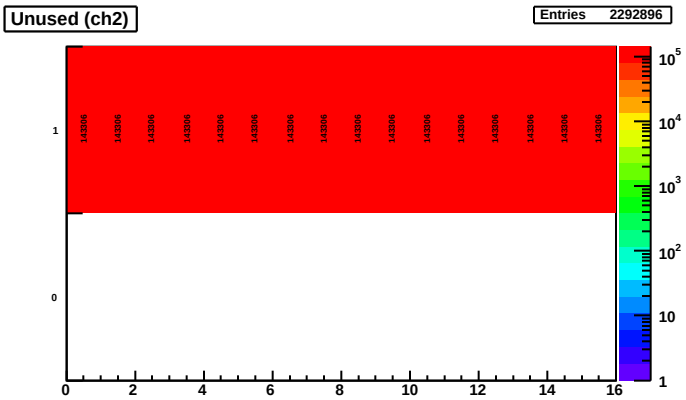

Barrel Jet Patches
Entries 2579508
JP ADC
JP ID

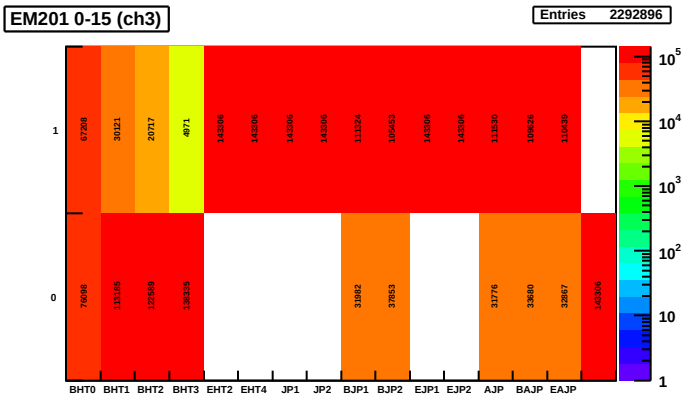

Endcap Jet Patches
Entries 859836
JP ADC
JP ID

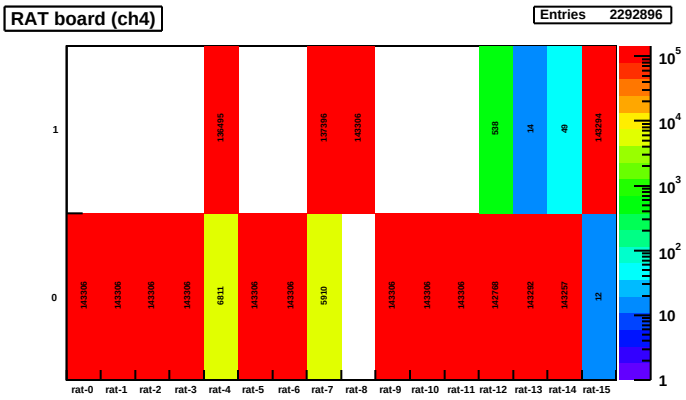

Hybrid Jet Patches
Entries 286612
JP ADC
JP ID

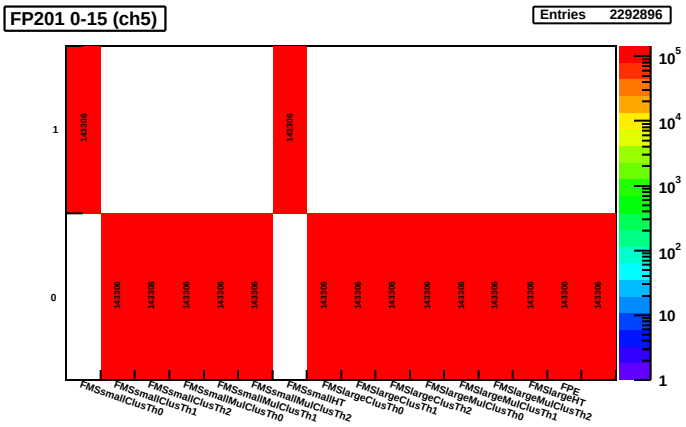

TF201 0-15 (ch0)
Entries 2292896
1504
95530
125778
140029
130583
121722
129862
129996
129807
129978
129686
129499
143802
143306
143306
143306
47776
17828
3278
12723
21584
13444
13310
13319
13328
13620
13811
143306
MTD
ET
ITE
ITW
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFmult4
TOFsector0
TOFsector1
TOFsector2
TOFsector3
TOFsector4
TOFsector5


VT201 0-15 (ch1)
Entries 2292896
123846
124099
124031
133616
128593
138028
138082
138094
12870
60732
138028
4250
121862
127629
127577
19460
19007
19215
143306
12890
14713
5278
5224
5212
130436
82574
5278
130056
21324
15777
15629
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 2292896
143306


EM201 0-15 (ch3)
Entries 2292896
67208
30121
20717
4971
143306
111324
109453
111530
109626
110439
78098
113185
122589
128335
30982
37653
31776
33680
32867
143306
BHT0
BHT1
BHT2
BHT3
EHT2
EHT4
JP1
JP2
BJP1
BJP2
EJP1
EJP2
AJP
BAJP
EAJP


RAT board (ch4)
Entries 2292896
136495
137396
143306
538
14
49
143294
143306
143306
143306
6811
143306
143306
5910
143306
143306
143306
142768
142292
143257
12
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 2292896
143306
143306
143306
143306
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143306
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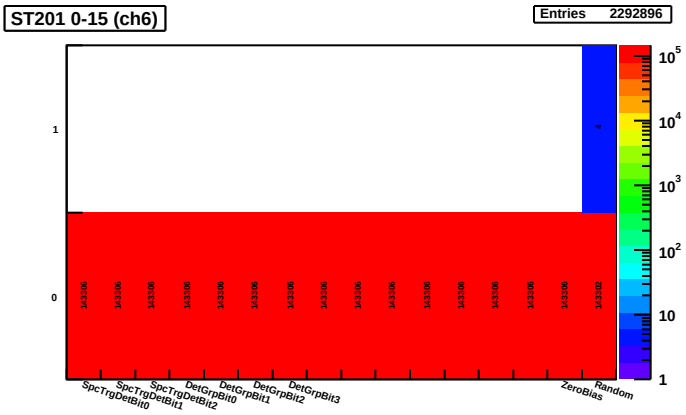
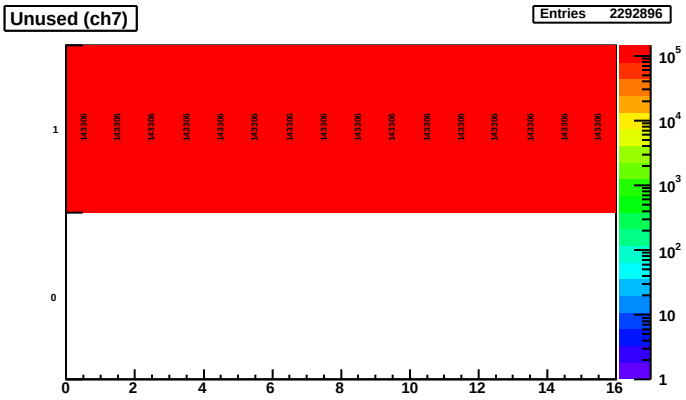
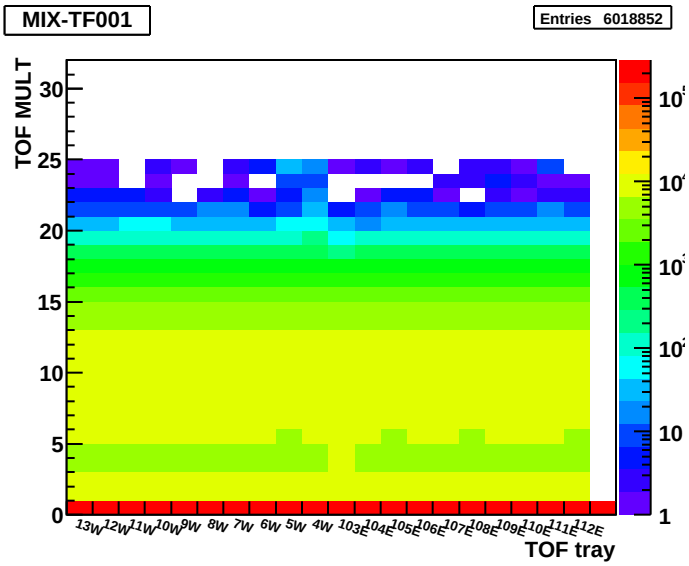
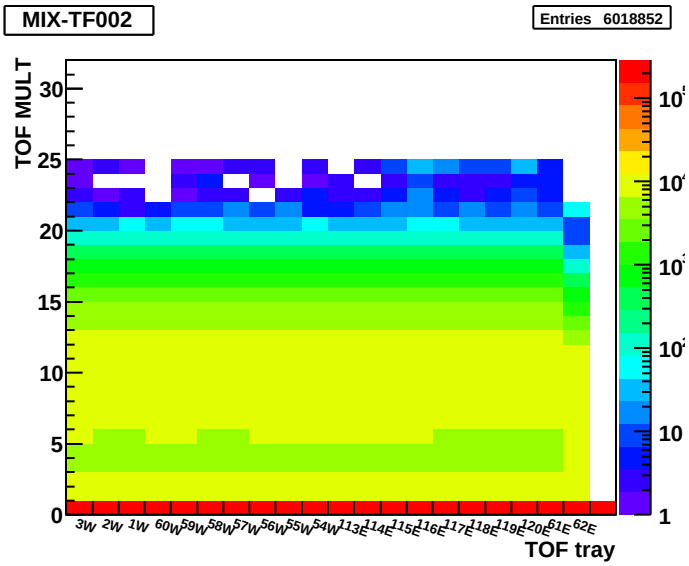
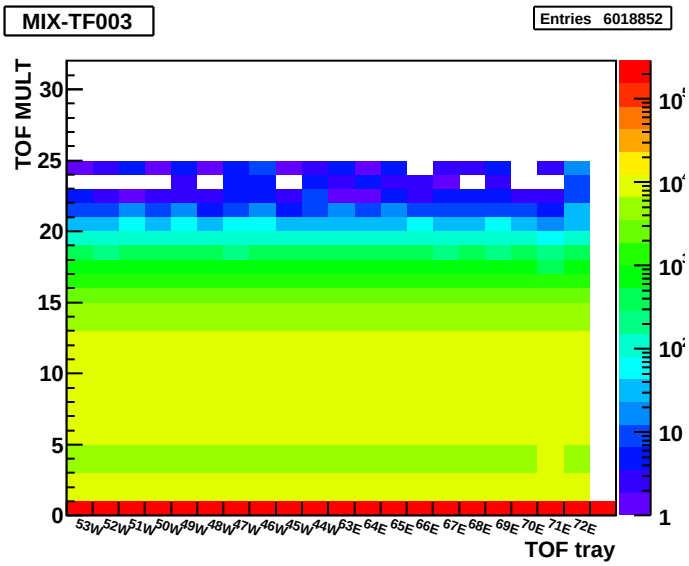
143306
143306
143306
143306
143306
143306
143306
FMSsmallClusTh0
FMSsmallClusTh1
FMSsmallClusTh2
FMSsmallMulClusTh0
FMSsmallMulClusTh1
FMSsmallMulClusTh2
FMSsmallHT
FMSlargeClusTh0
FMSlargeClusTh1
FMSlargeClusTh2
FMSlargeMulClusTh0
FMSlargeMulClusTh1
FMSlargeMulClusTh2
FMSlargeHT
FPE

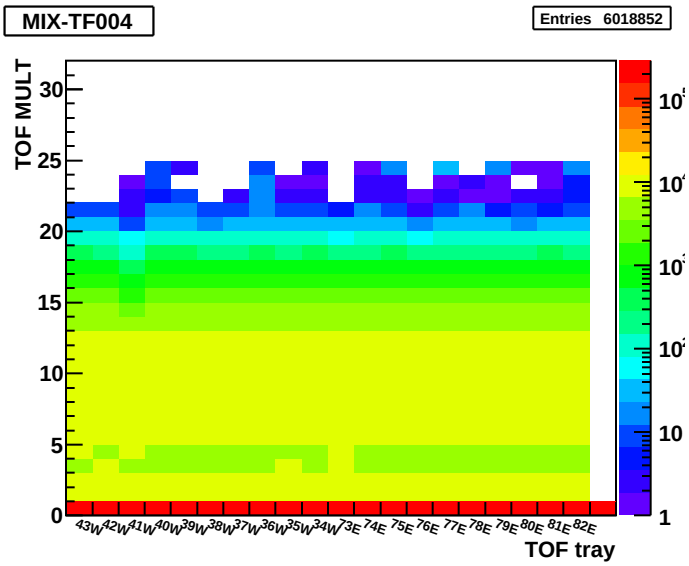

ST201 0-15 (ch6)
Entries 2292896
4
143306
143306
143306
143306
143306
143306
143306
143306
143306
143306
143306
143306
143306
143302
SpcTrgDetBit0
SpcTrgDetBit1
SpcTrgDetBit2
DetCrpBit0
DetCrpBit1
DetCrpBit2
DetCrpBit3
ZeroBias
Random

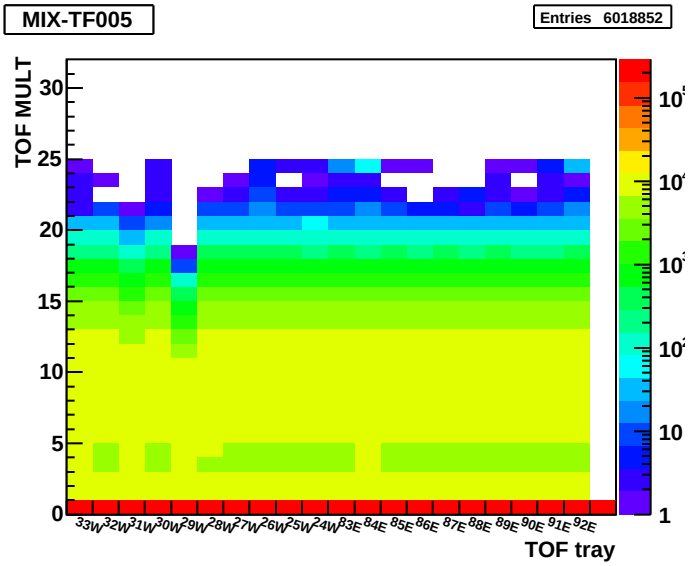

Unused (ch7)
Entries 2292896
143306

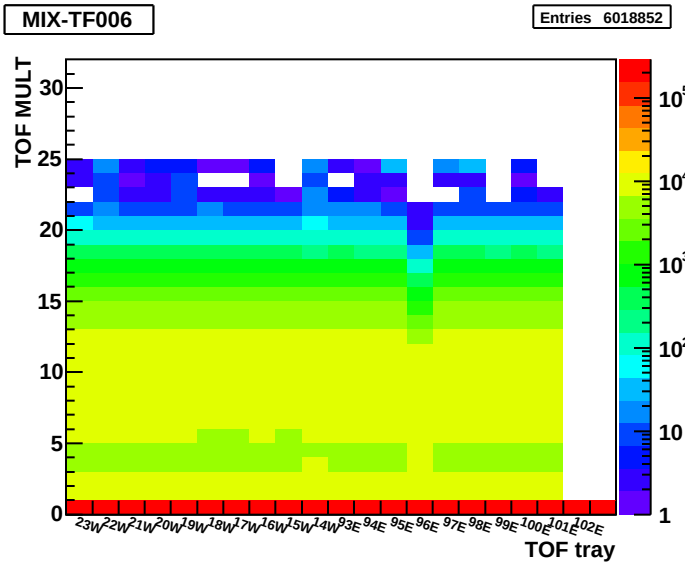

MIX-TF001
Entries 6018852
TOF MULT
TOF tray

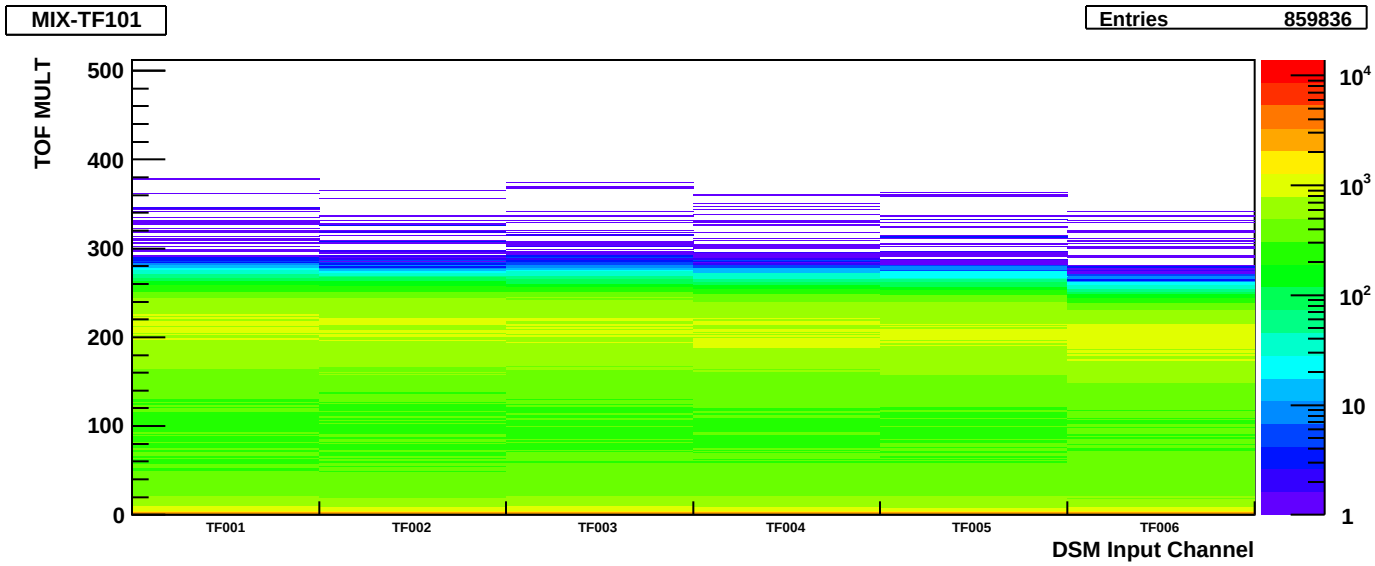

MIX-TF002
Entries 6018852
TOF MULT
TOF tray

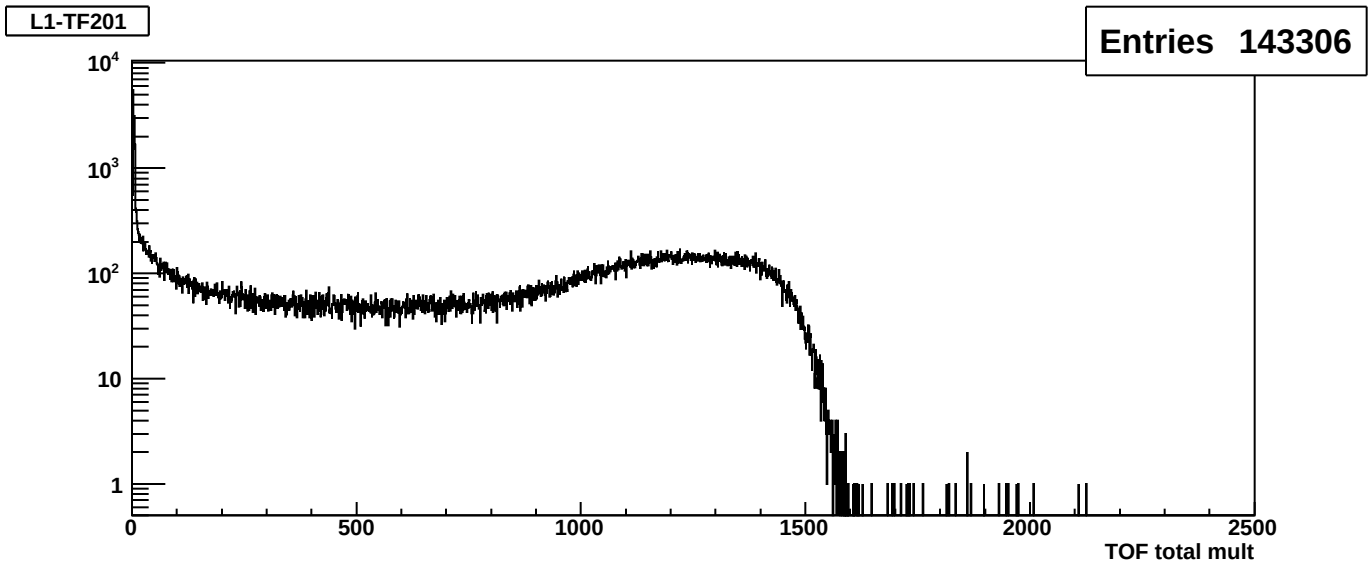

MIX-TF003
Entries 6018852
TOF MULT
TOF tray

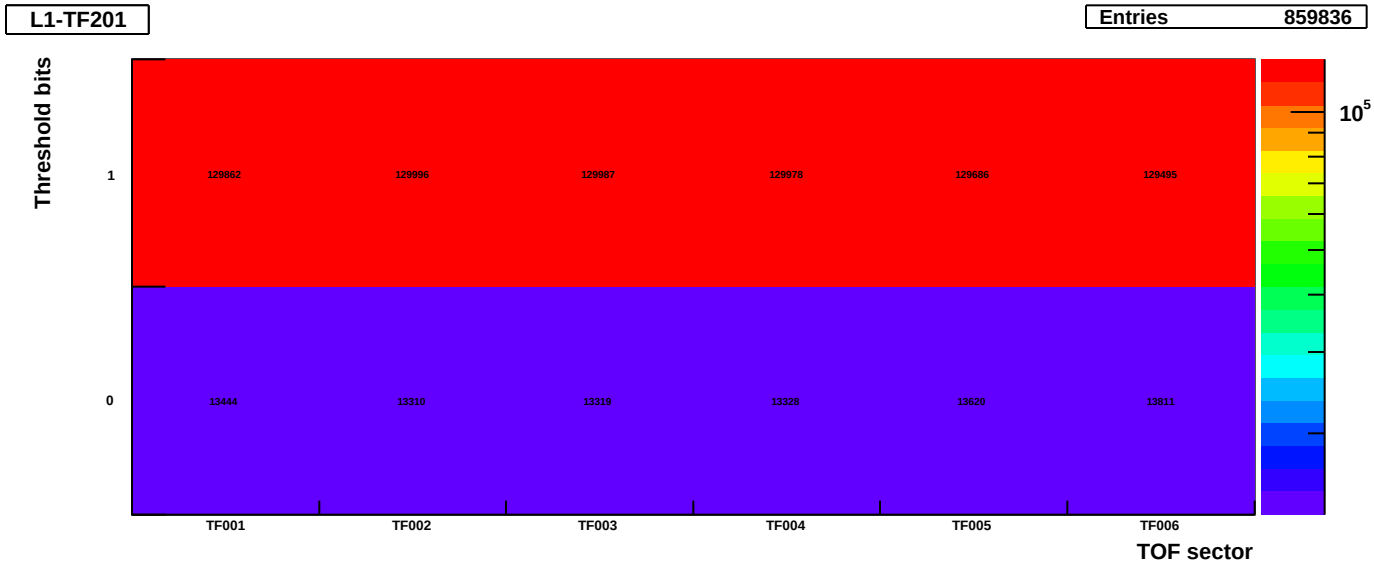

MIX-TF004
Entries 6018852
TOF MULT
TOF tray

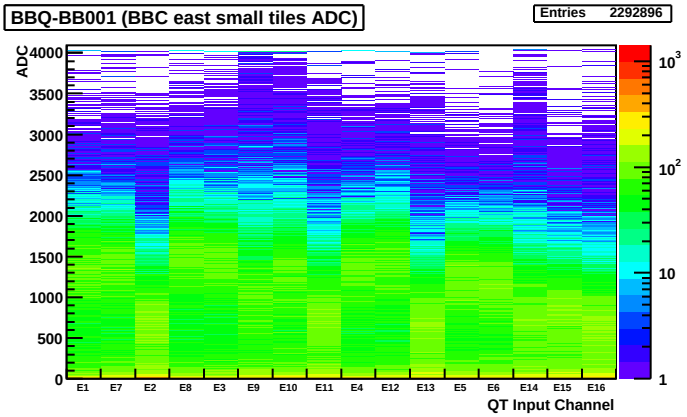

MIX-TF005
Entries 6018852
TOF MULT
TOF tray

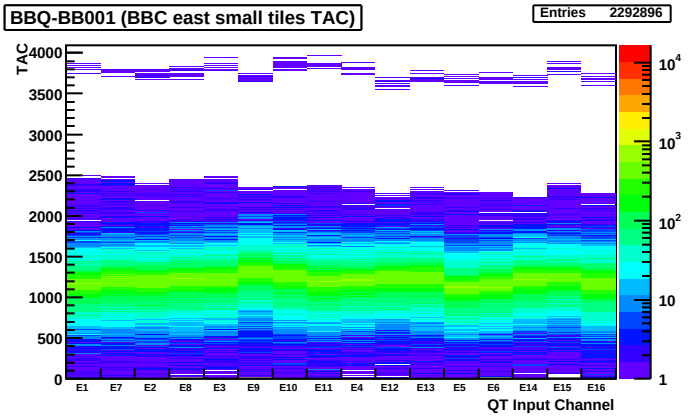

MIX-TF006
Entries 6018852
TOF MULT
TOF tray

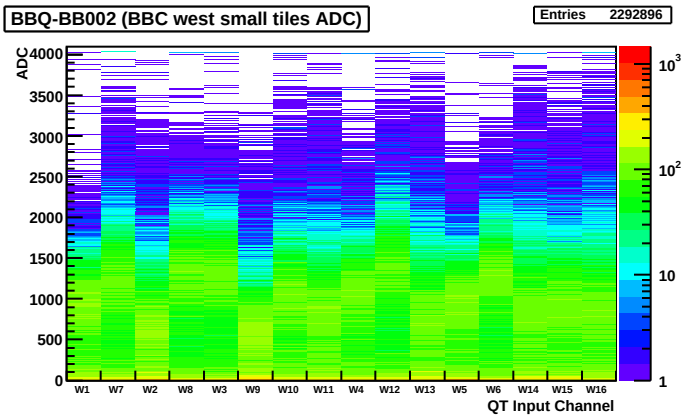

MIX-TF101
Entries 859836
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^4
10^3
10^2
10
1

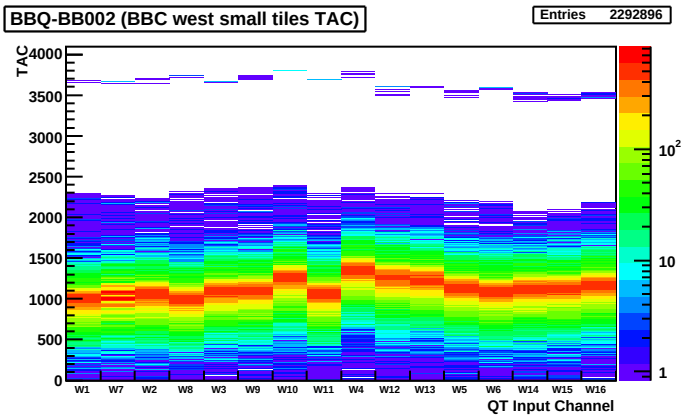

L1-TF201
Entries 143306
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

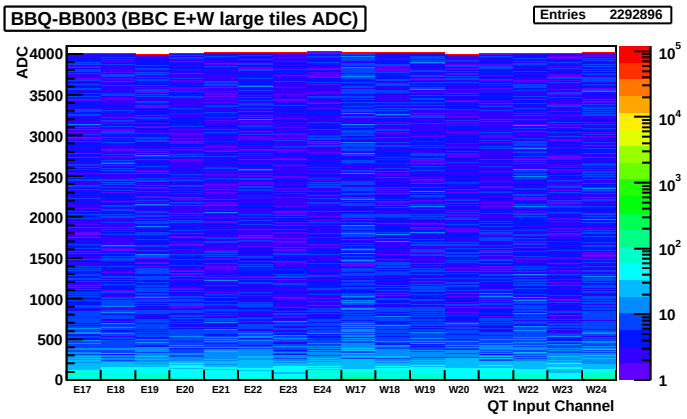

L1-TF201
Entries 859836
Threshold bits
1
0
129862
129996
129987
129978
129686
129495
13444
13310
13319
13328
13620
13811
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^5

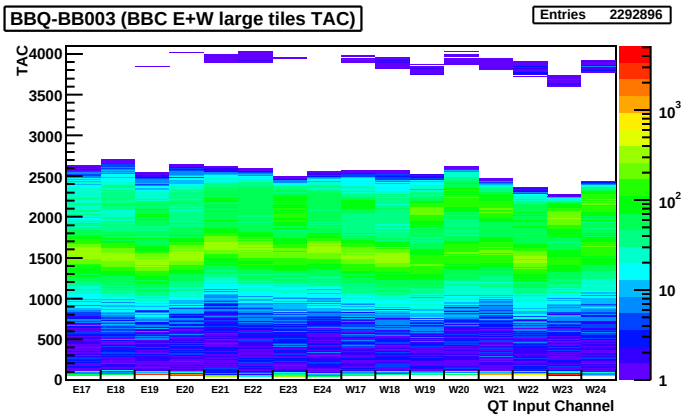

BBQ-BB001 (BBC east small tiles ADC)
Entries 2292896
ADC
QT Input Channel

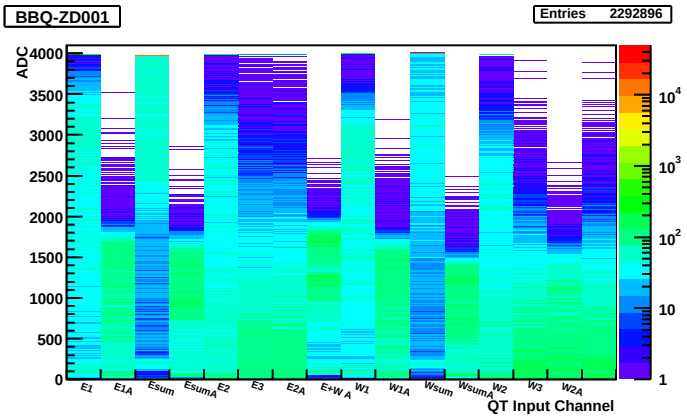

BBQ-BB001 (BBC east small tiles TAC)
Entries 2292896
TAC
QT Input Channel

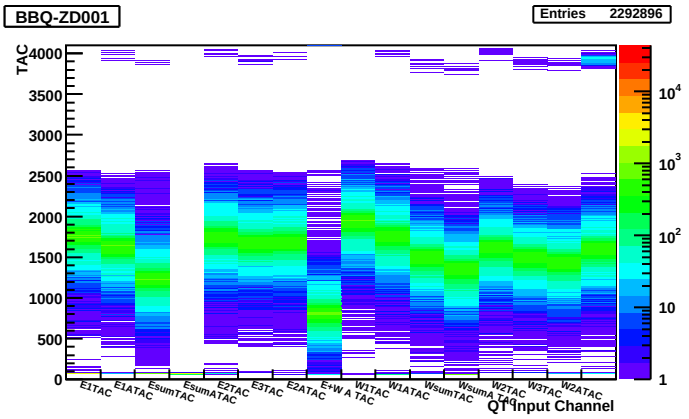

BBQ-BB002 (BBC west small tiles ADC)
Entries 2292896
ADC
QT Input Channel

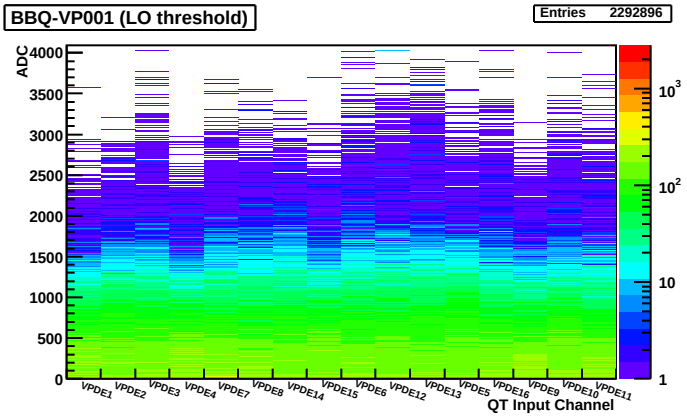

BBQ-BB002 (BBC west small tiles TAC)
Entries 2292896
TAC
QT Input Channel

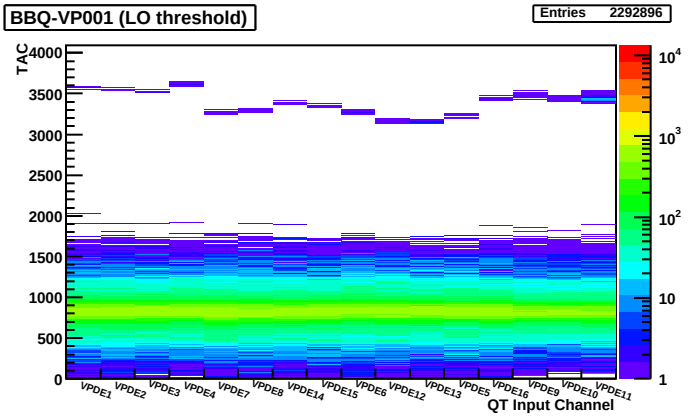

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2292896
ADC
QT Input Channel

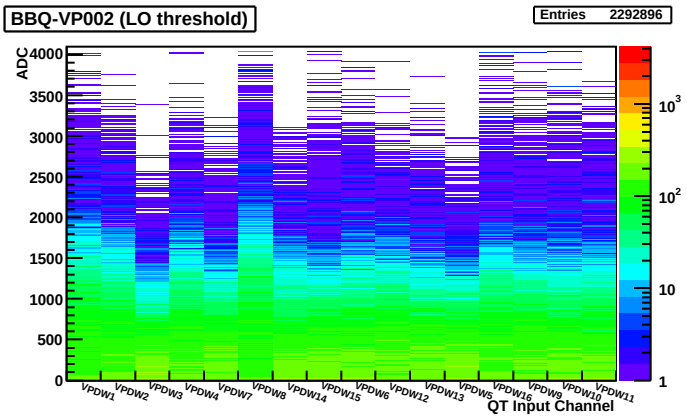

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2292896
TAC
QT Input Channel

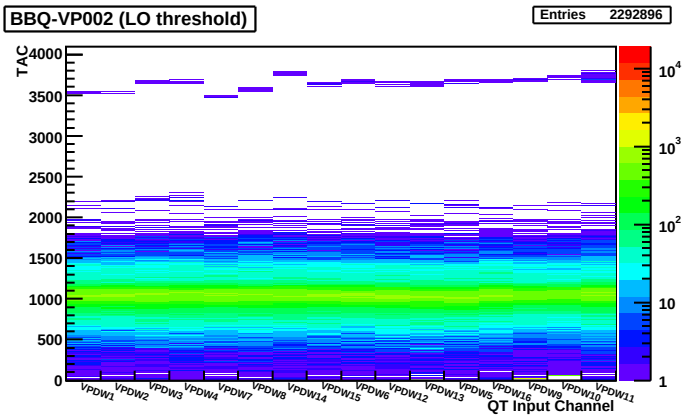

BBQ-ZD001
Entries 2292896
ADC
QT Input Channel

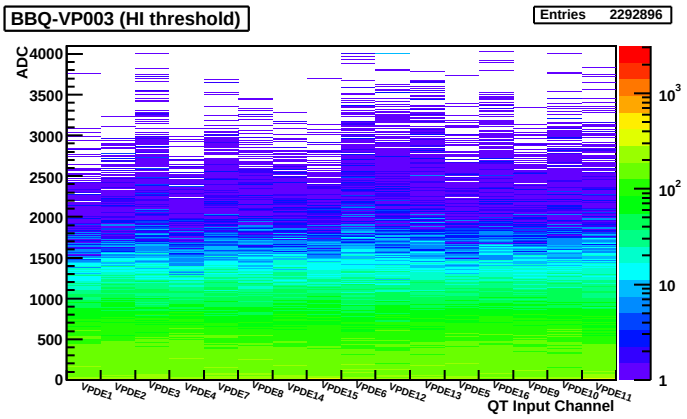

BBQ-ZD001
Entries 2292896
TAC
QT Input Channel

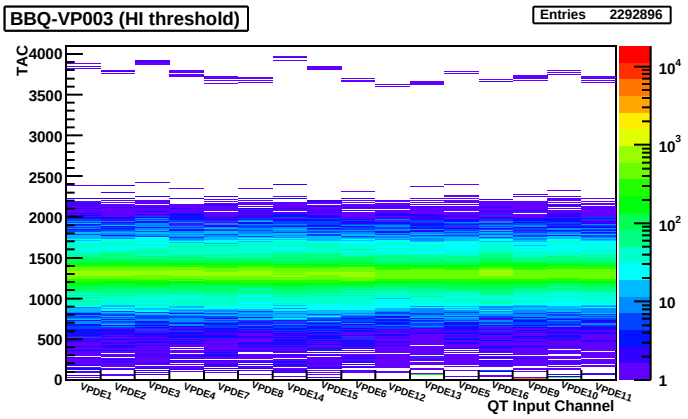

BBQ-VP001 (LO threshold)
Entries 2292896
ADC
QT Input Channel

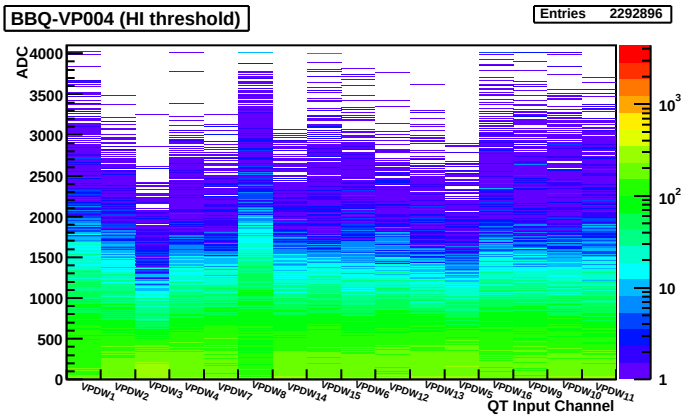

BBQ-VP001 (LO threshold)
Entries 2292896
TAC
QT Input Channel

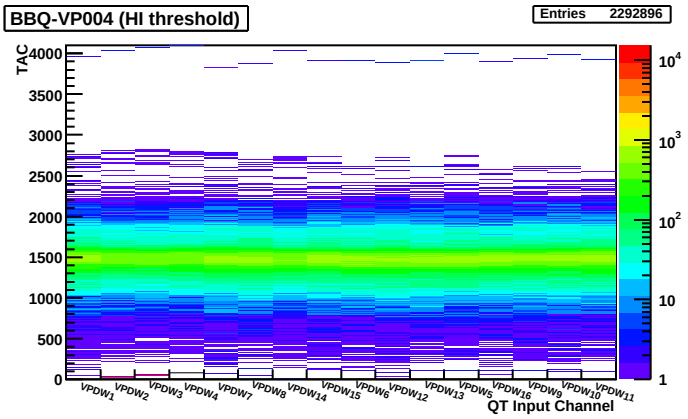

BBQ-VP002 (LO threshold)
Entries 2292896
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 2292896
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 2292896
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 2292896
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 2292896
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 2292896
TAC
QT Input Channel