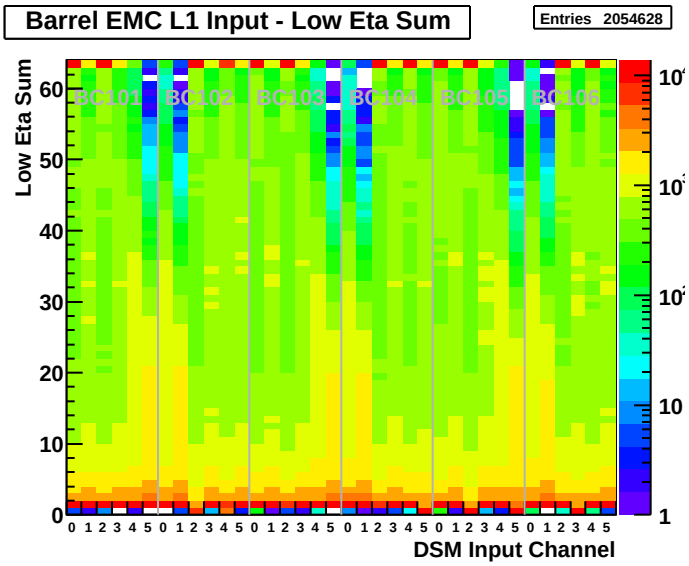
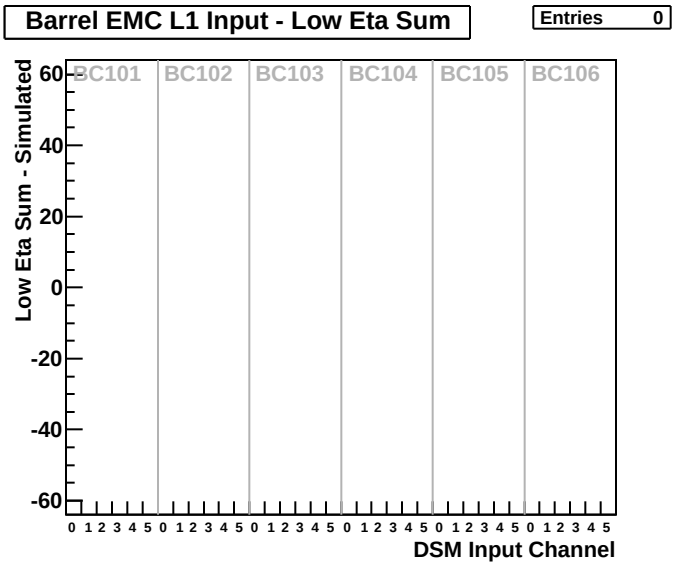
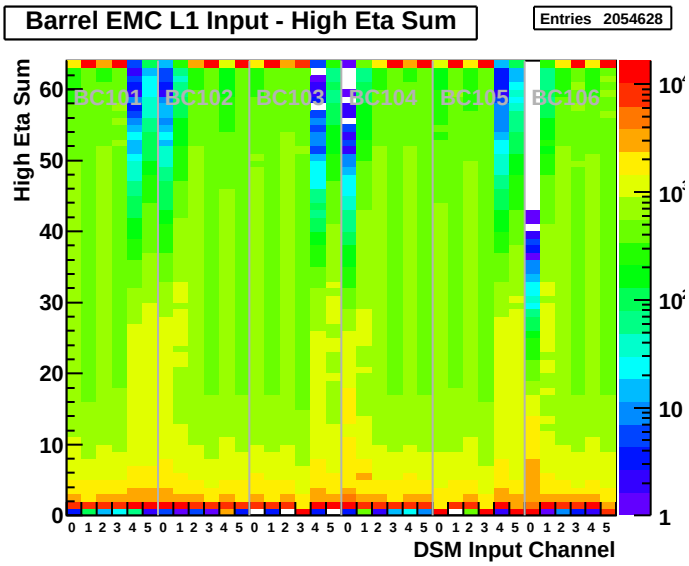
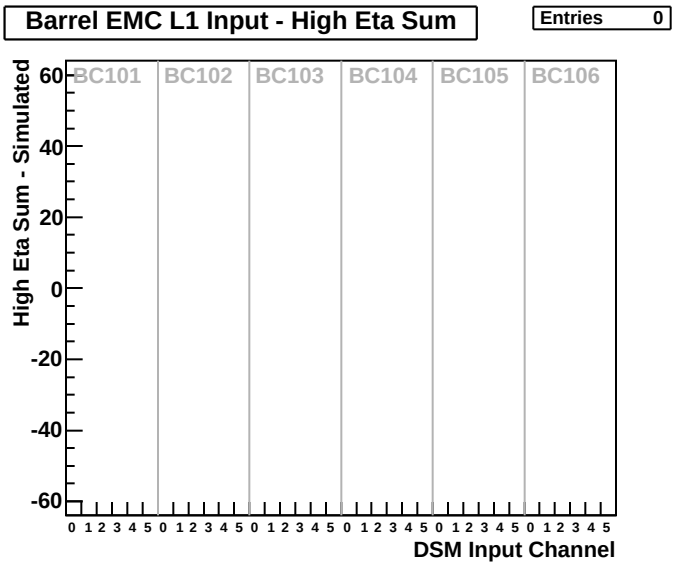
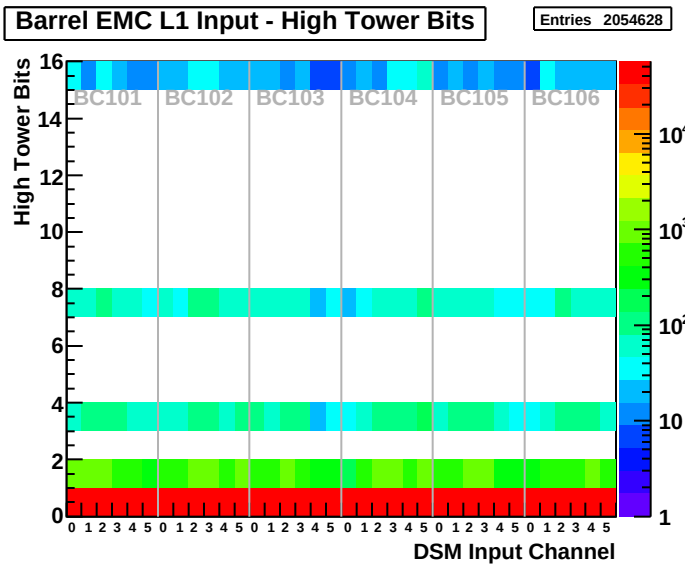
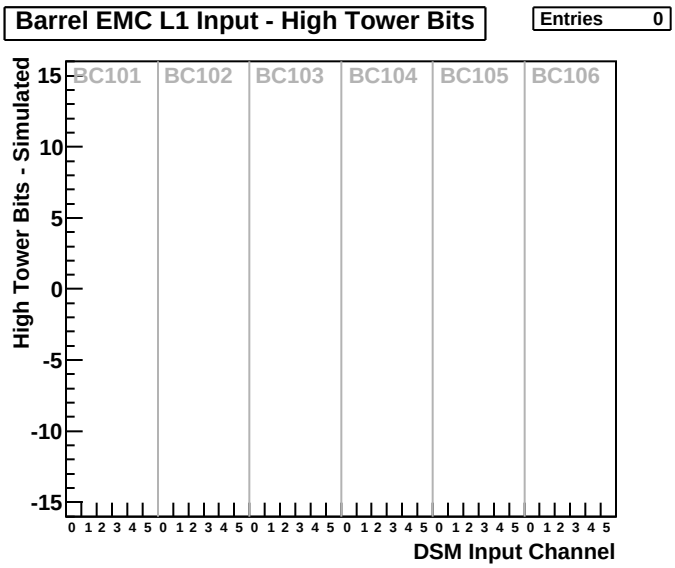

Barrel EMC L1 Input - Low Eta Sum
Entries 2054628
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

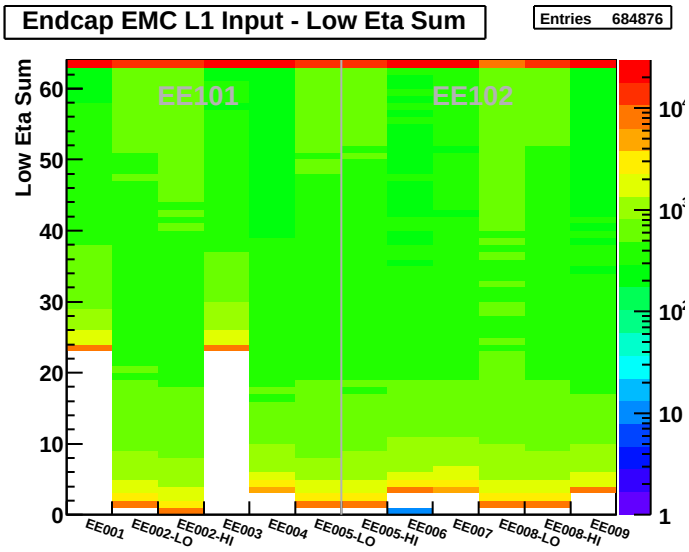

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

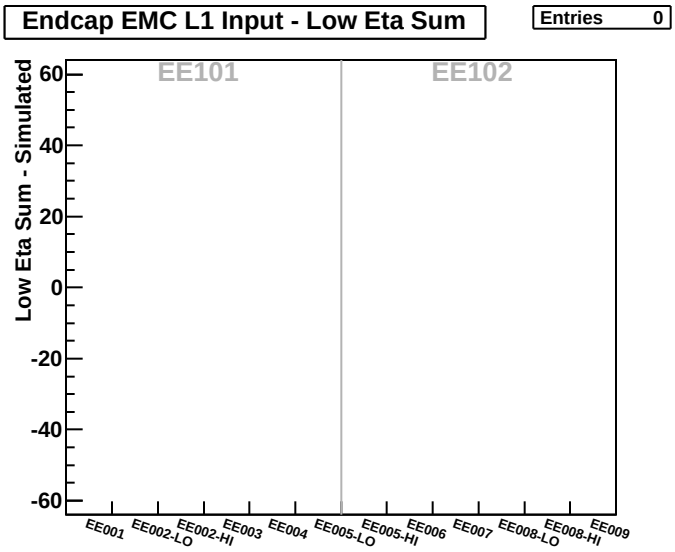

Barrel EMC L1 Input - High Eta Sum
Entries 2054628
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

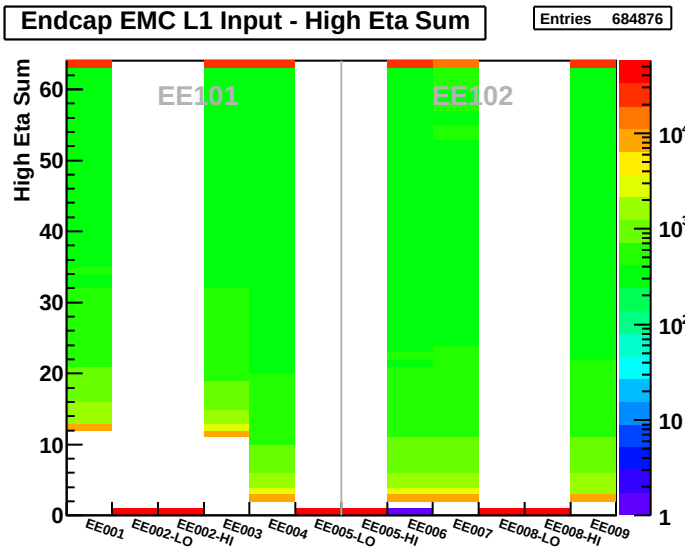

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

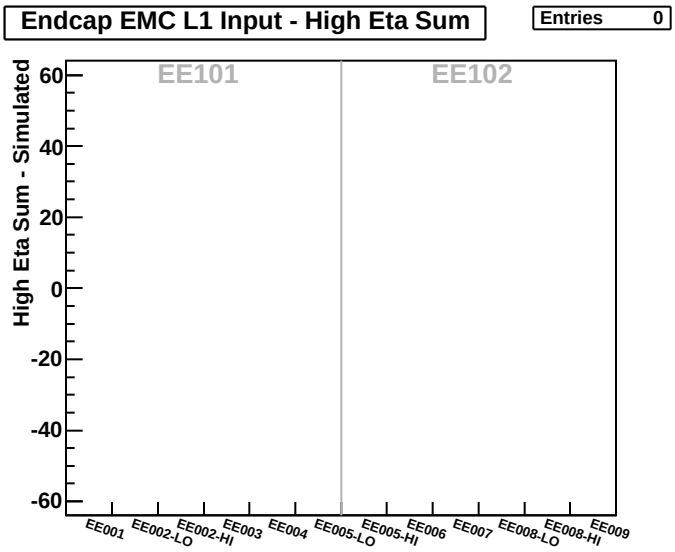

Barrel EMC L1 Input - High Tower Bits
Entries 2054628
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

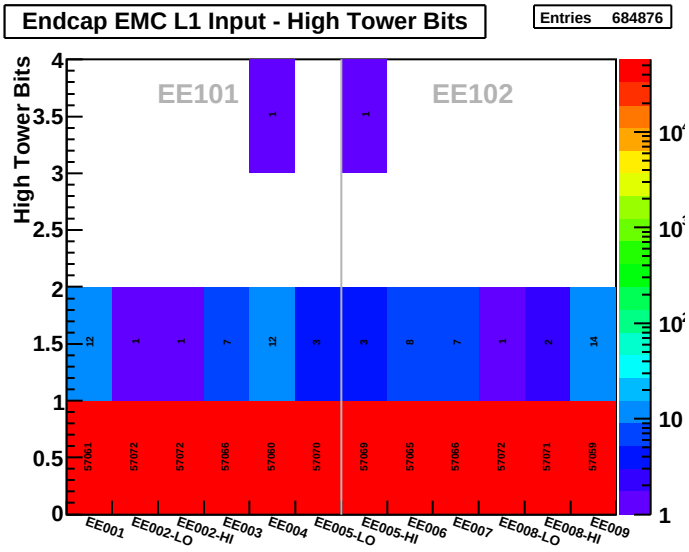

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

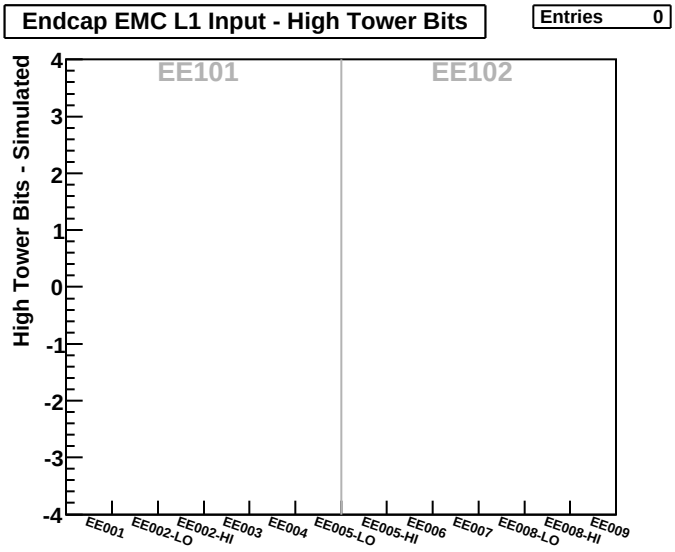

Endcap EMC L1 Input - Low Eta Sum
Entries 684876
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

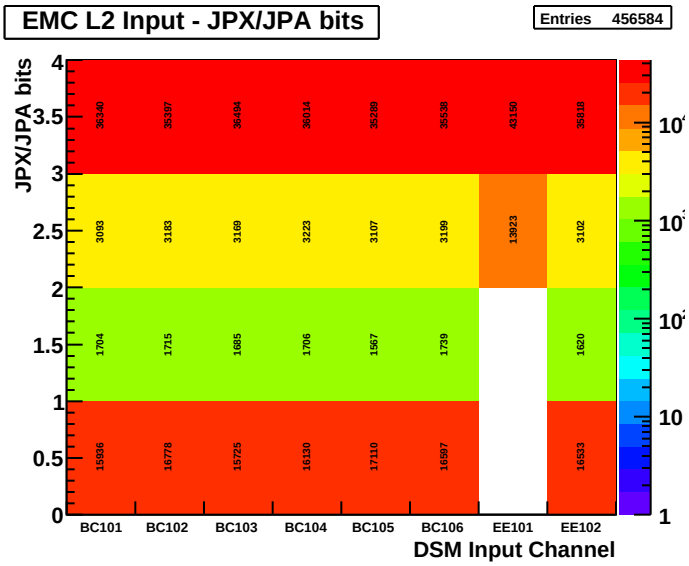

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

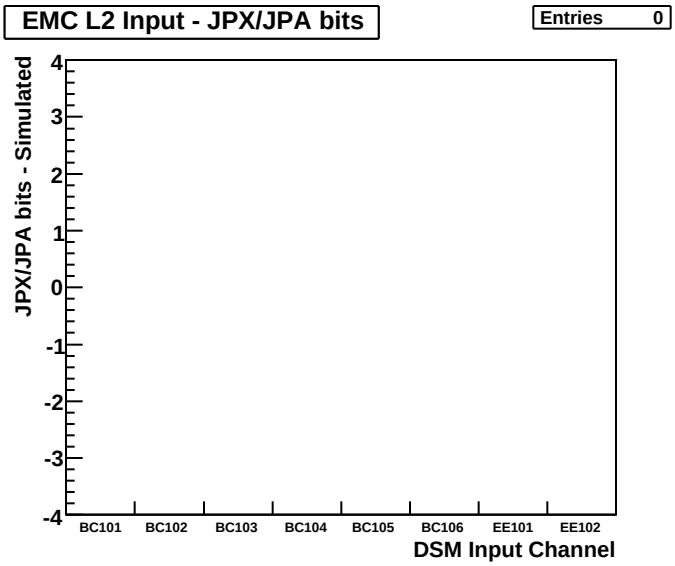

Endcap EMC L1 Input - High Eta Sum
Entries 684876
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

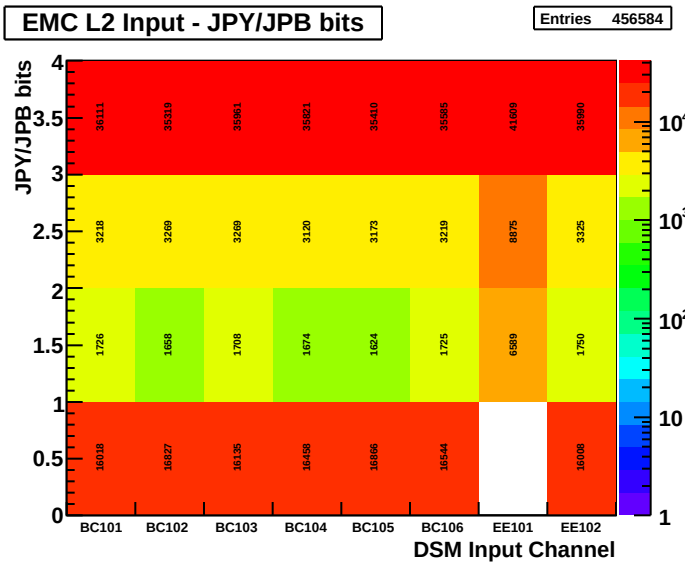

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

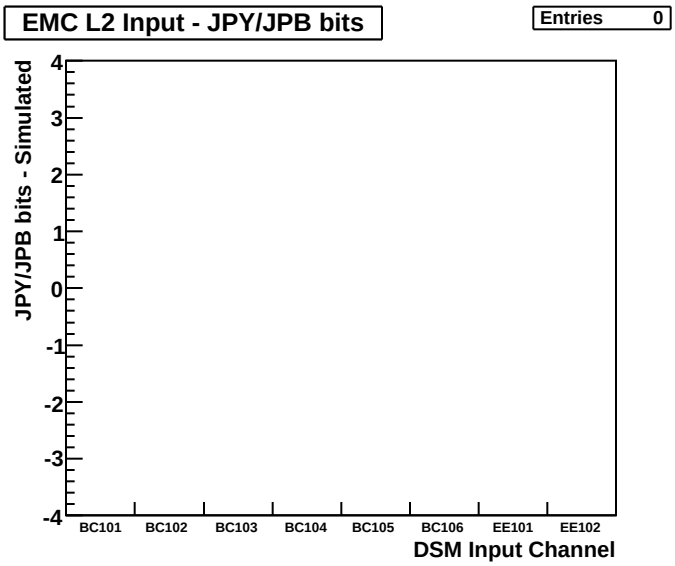

Endcap EMC L1 Input - High Tower Bits
Entries 684876
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

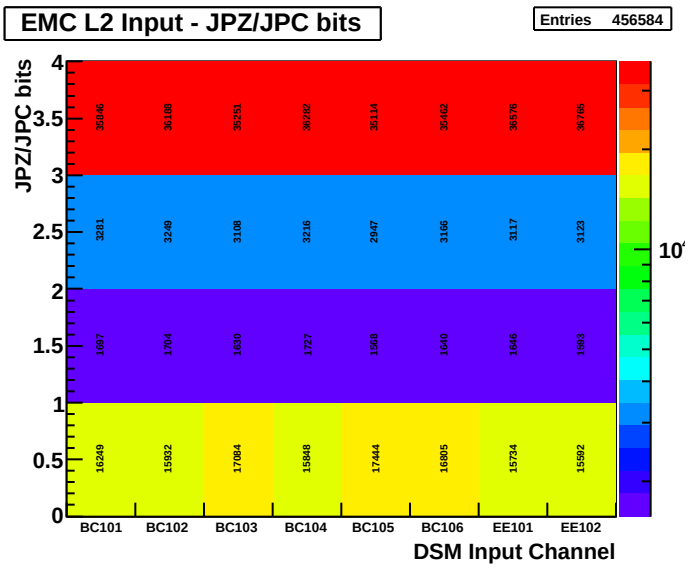

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

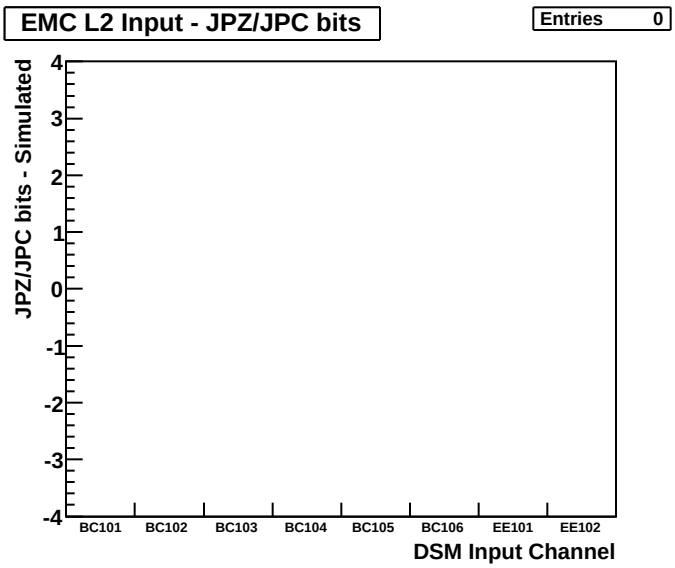

EMC L2 Input - JPX/JPA bits
Entries 456584
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
36340 35397 36494 36014 35289 35538 43150 35818
3093 3183 3169 3223 3107 3199 13923 3102
1704 1715 1685 1706 1567 1739 1620
15936 16778 15725 16130 17110 16597 16533

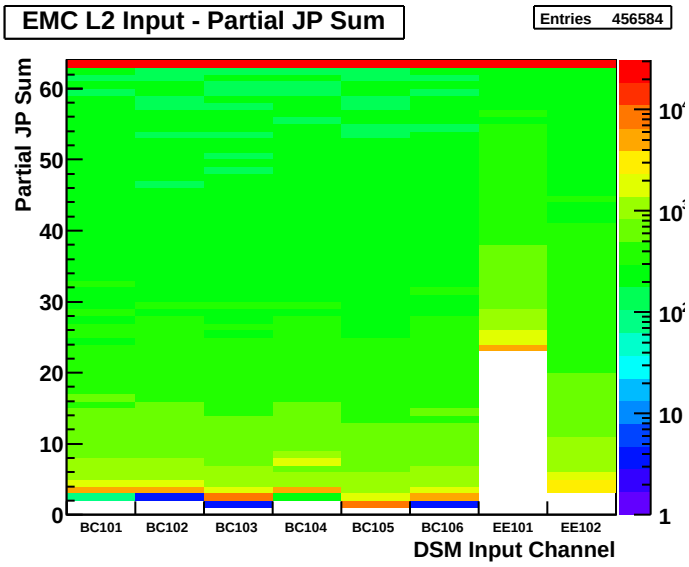

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

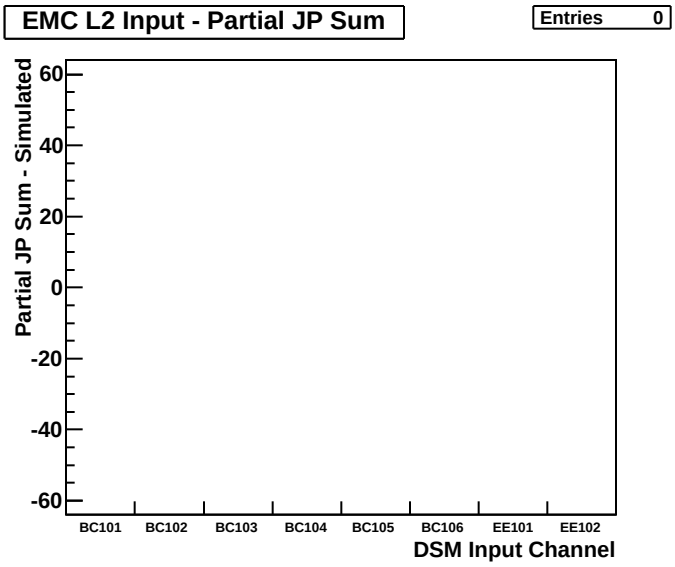

EMC L2 Input - JPY/JPB bits
Entries 456584
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
35111 35319 35961 35821 35410 35585 41609 35990
3218 3269 3269 3120 3173 3219 8875 3325
1726 1658 1708 1674 1624 1725 6589 1750
16018 16827 16135 16458 16866 16544 16008

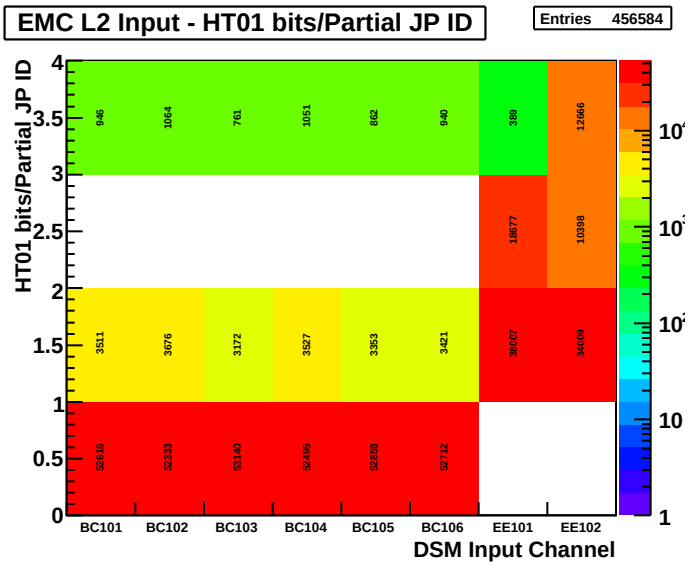

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

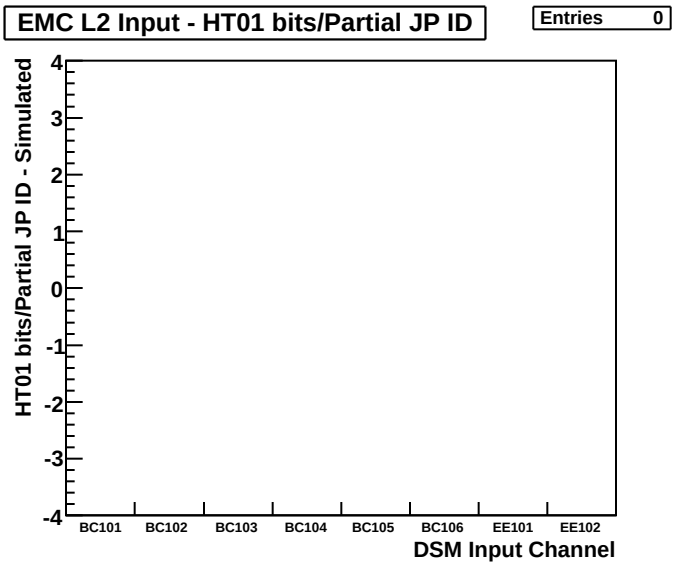

EMC L2 Input - JPZ/JPC bits
Entries 456584
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
35846 36188 35251 36282 35114 35462 36576 36765
3281 3249 3108 3216 2947 3166 3117 3123
1697 1704 1630 1727 1568 1640 1646 1593
16249 15932 17084 15848 17444 16805 15734 15592

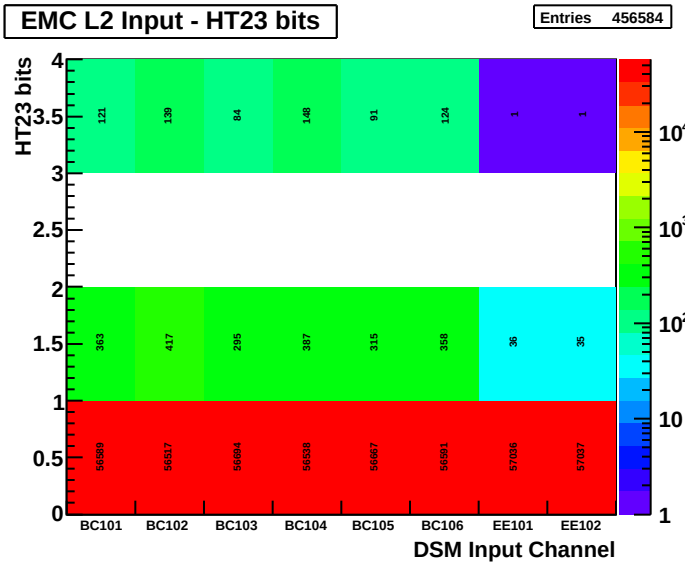

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

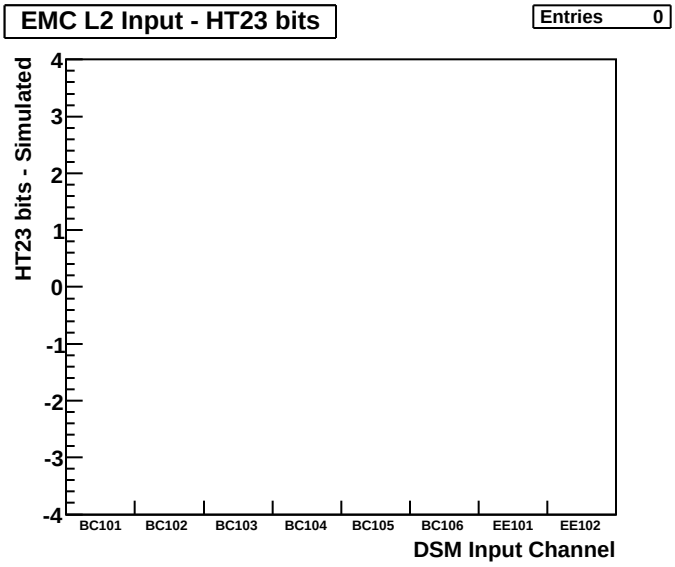

EMC L2 Input - Partial JP Sum
Entries 456584
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

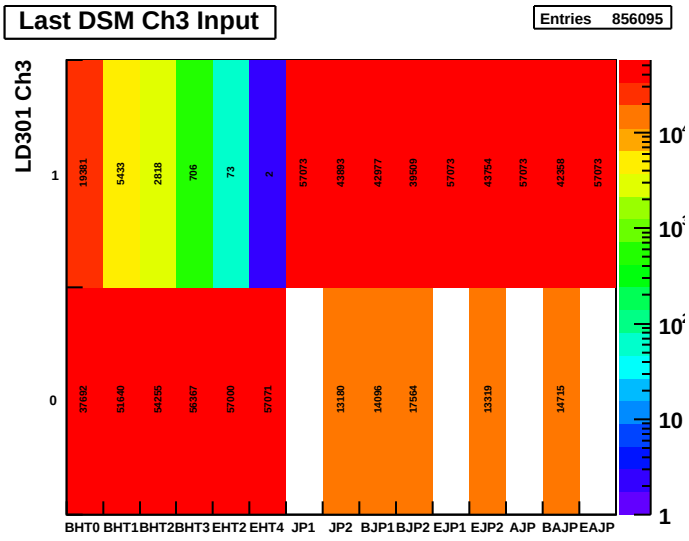

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

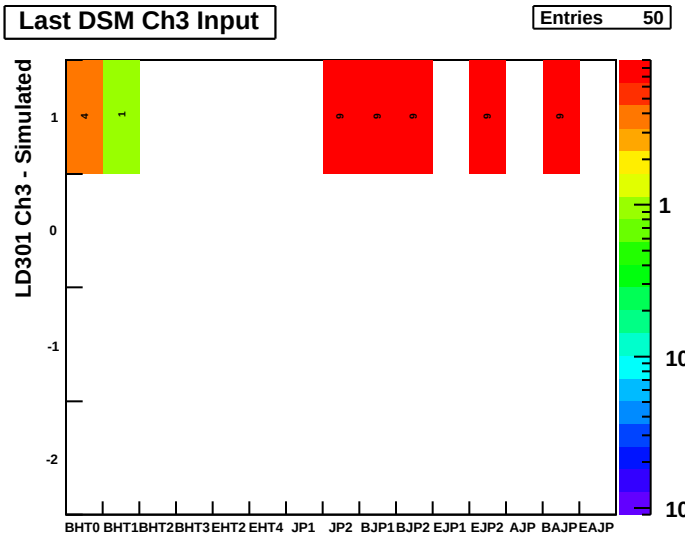

EMC L2 Input - HT01 bits/Partial JP ID
Entries 456584
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

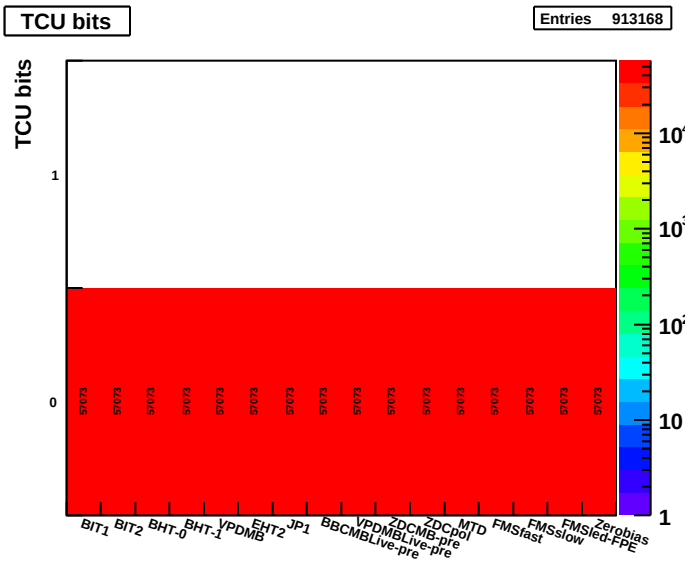

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

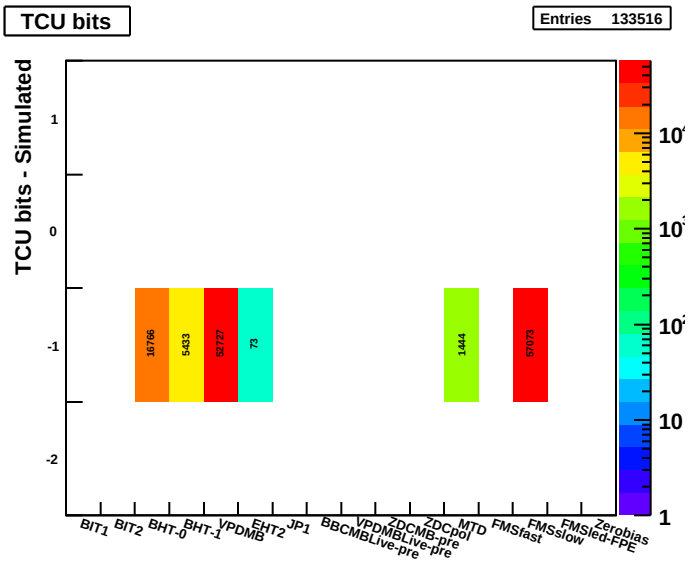

EMC L2 Input - HT23 bits
Entries 456584
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

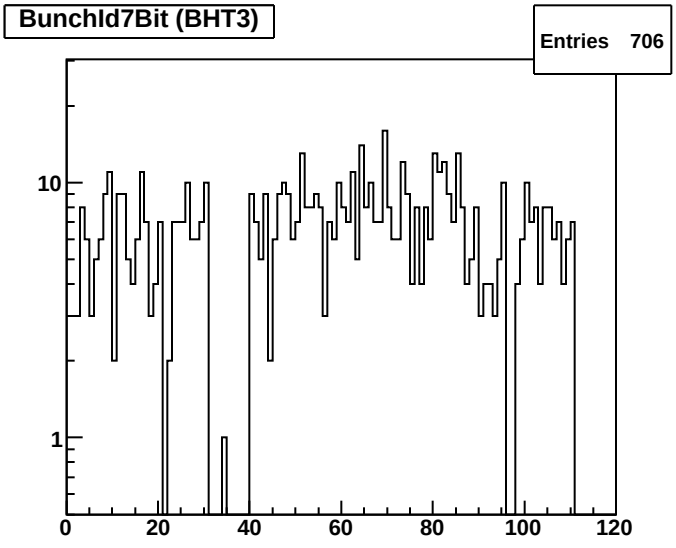

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

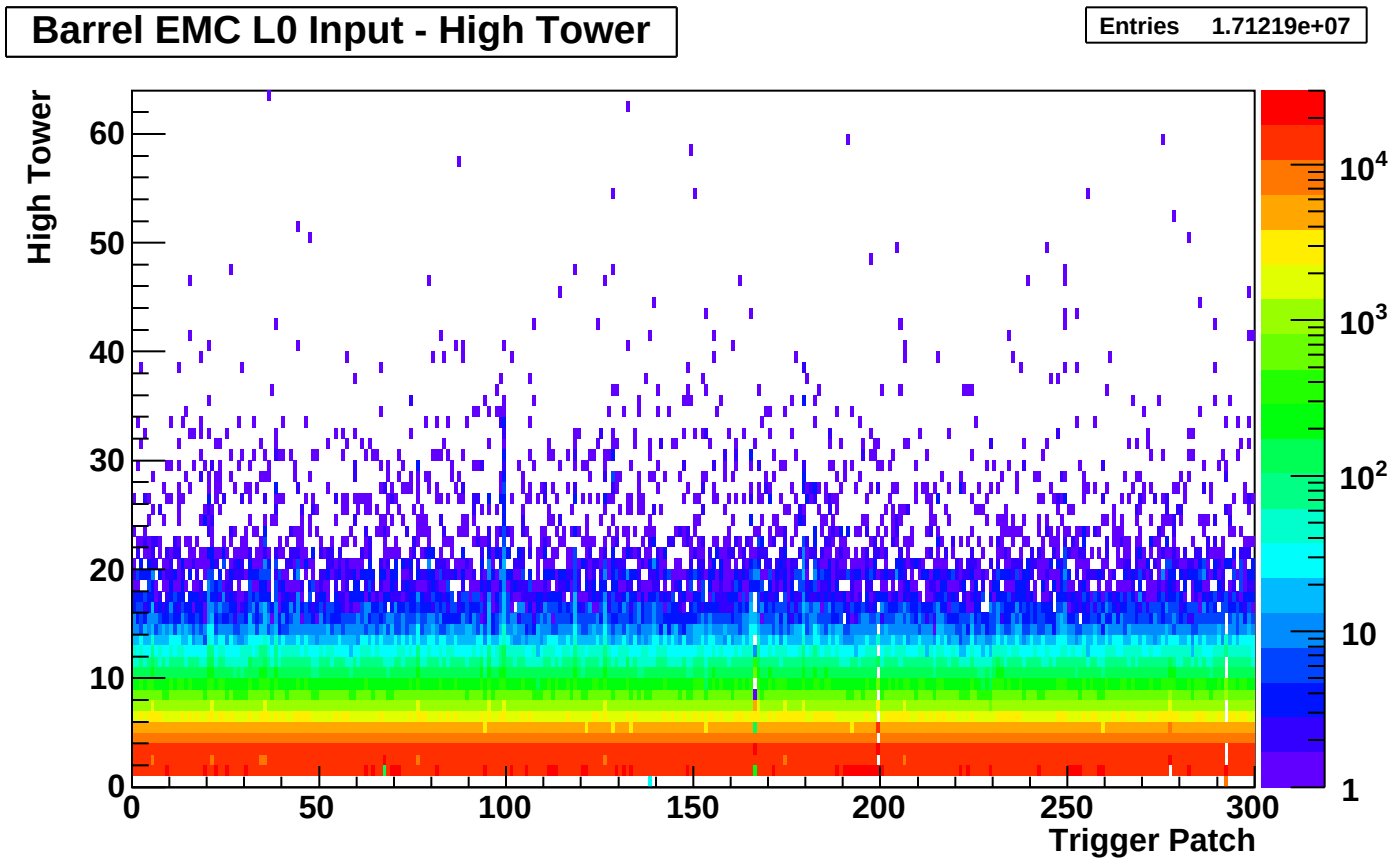

Last DSM Ch3 Input
Entries 856095
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

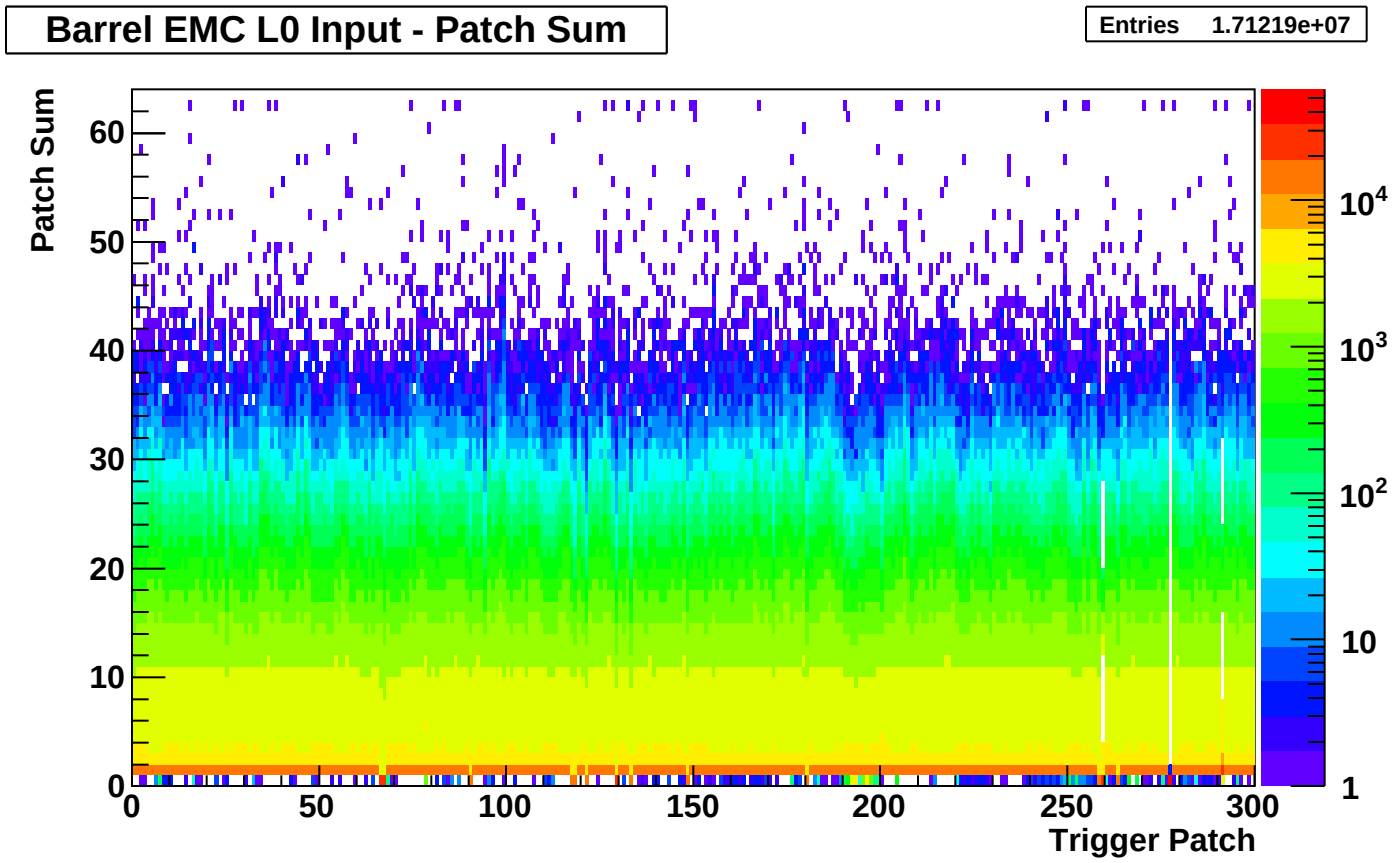

Last DSM Ch3 Input
Entries 50
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

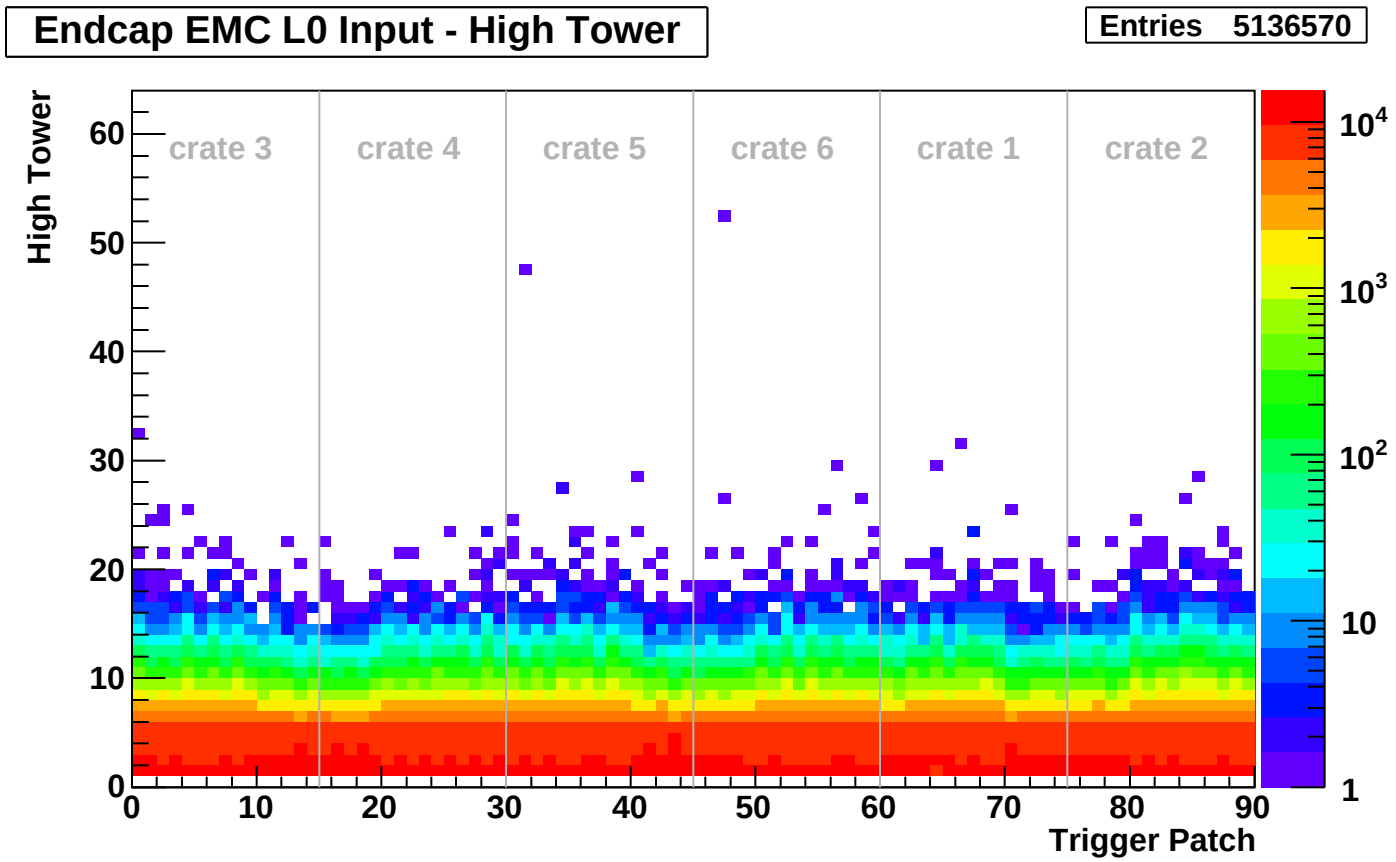

TCU bits
Entries 913168
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

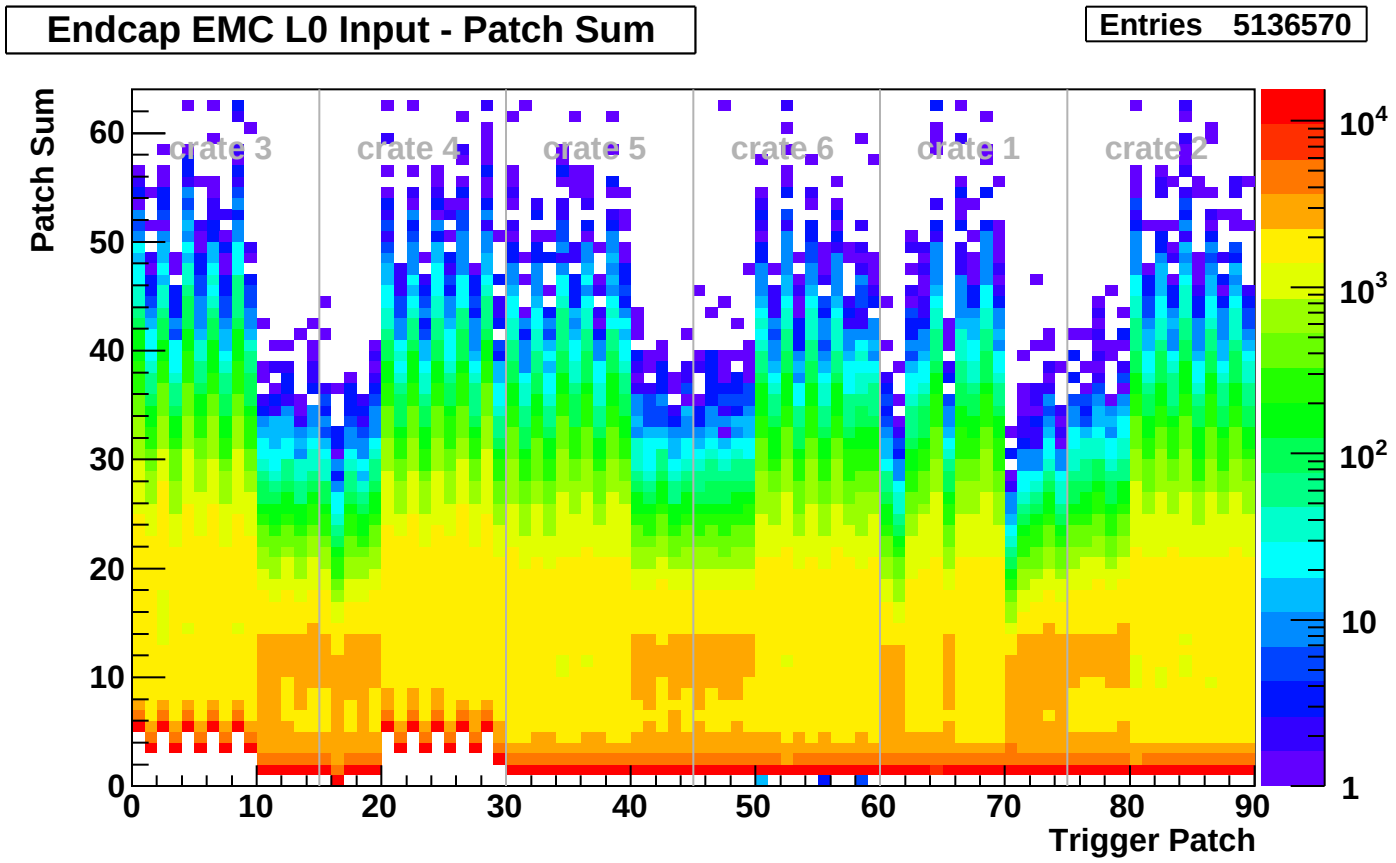

TCU bits
Entries 133516
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

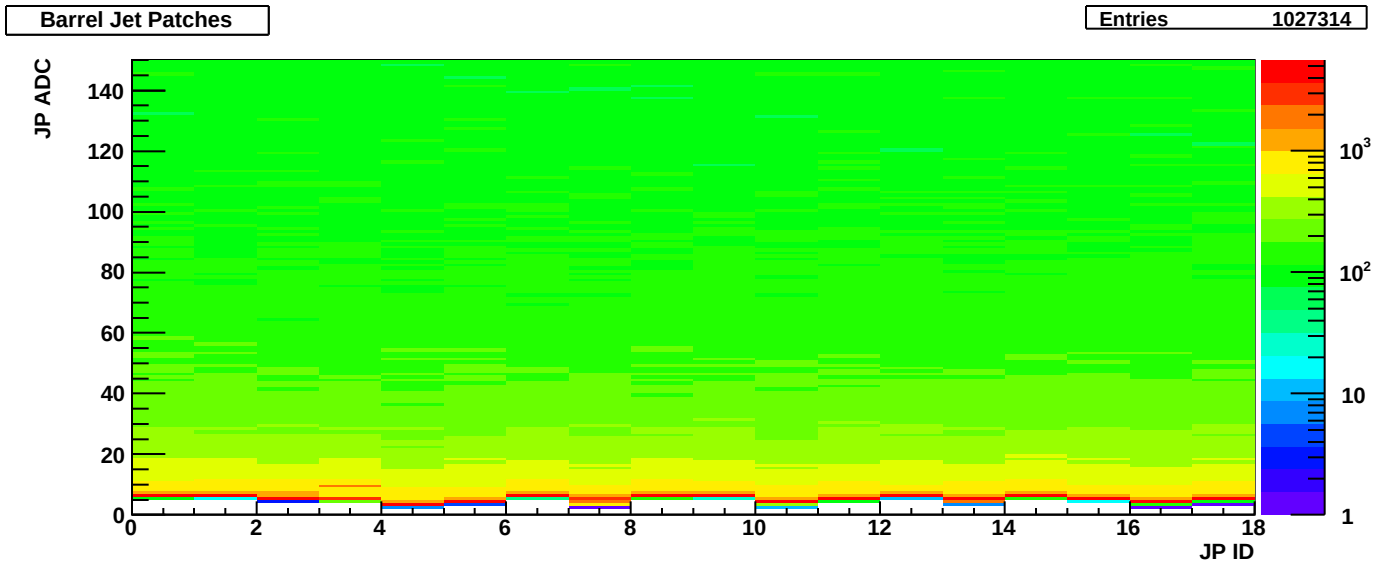

BunchId7Bit (BHT3)
Entries 706

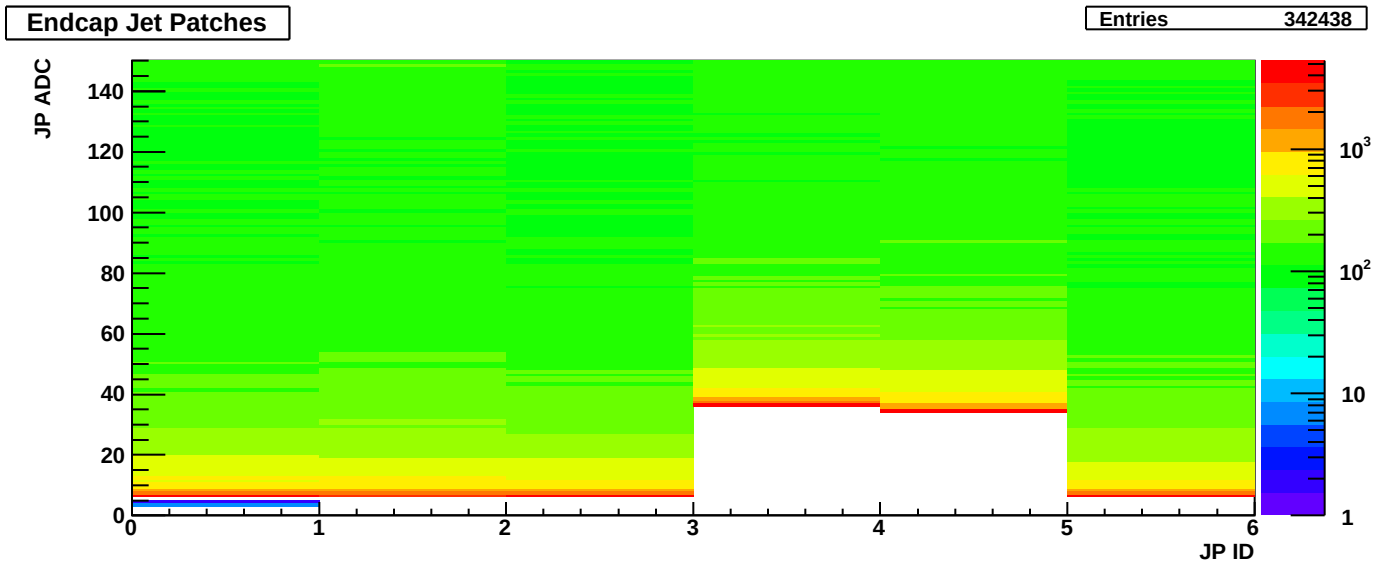

Barrel EMC L0 Input - High Tower
Entries 1.71219e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

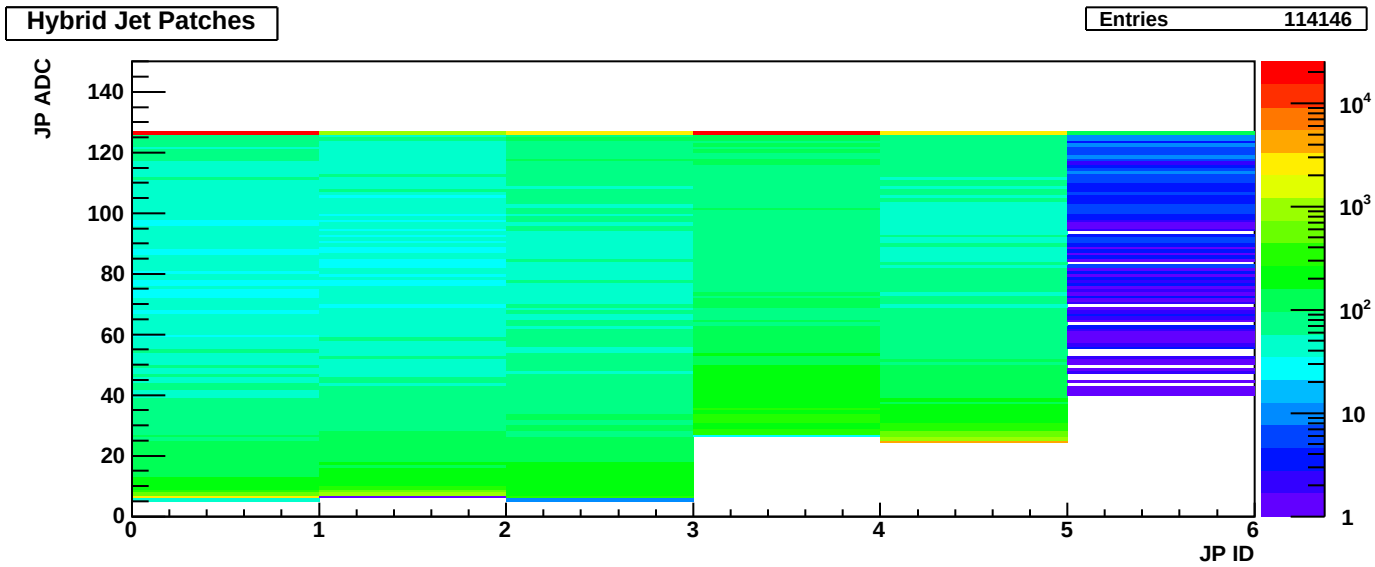

Barrel EMC L0 Input - Patch Sum
Entries 1.71219e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

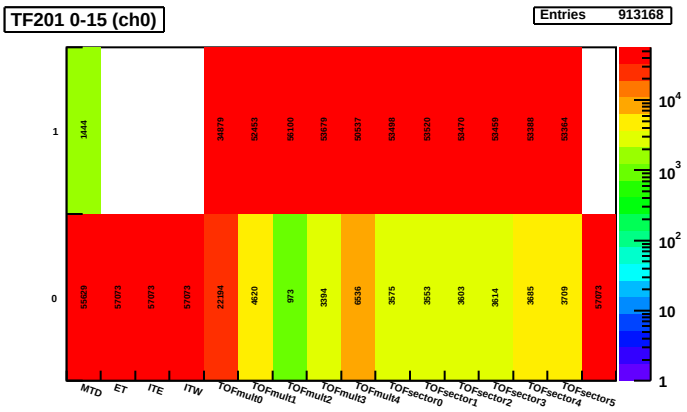

Endcap EMC L0 Input - High Tower
Entries 5136570
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

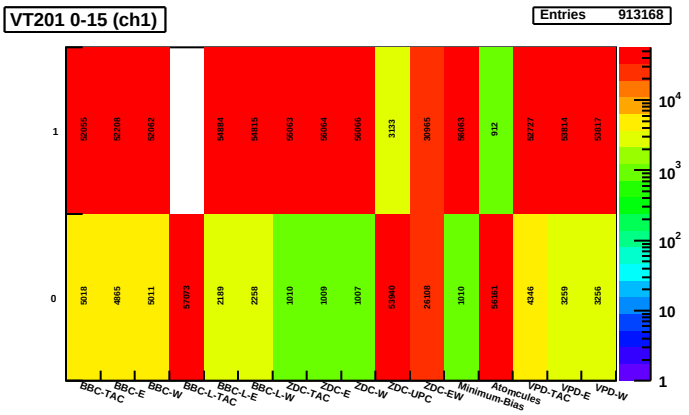

Endcap EMC L0 Input - Patch Sum
Entries 5136570
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

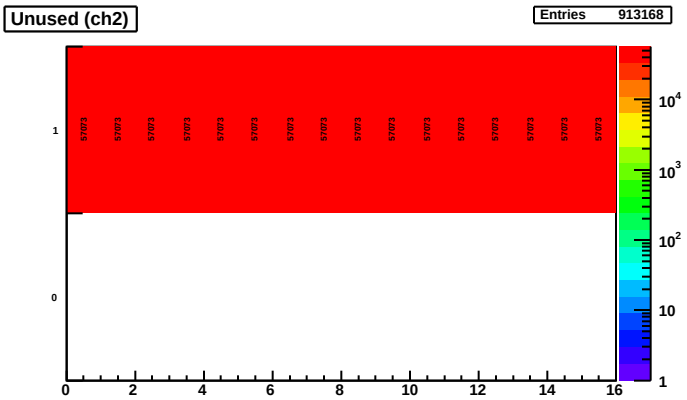

Barrel Jet Patches
Entries 1027314
JP ADC
JP ID

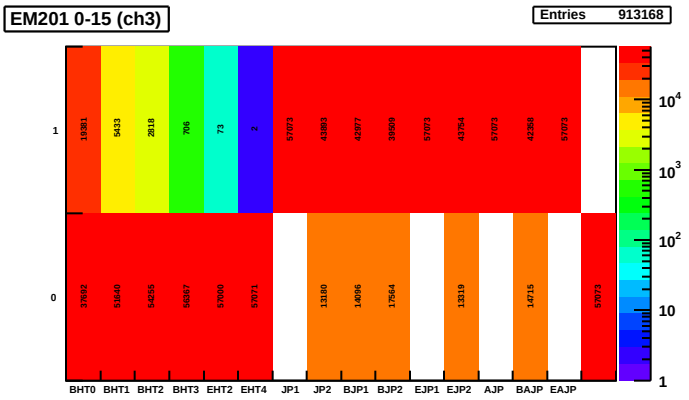

Endcap Jet Patches
Entries 342438
JP ADC
JP ID

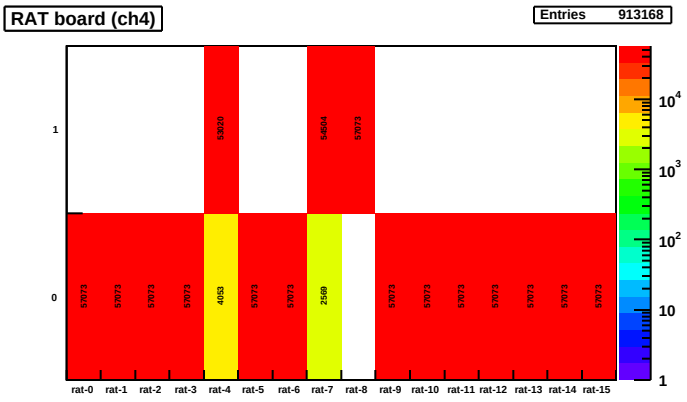

Hybrid Jet Patches
Entries 114146
JP ADC
JP ID

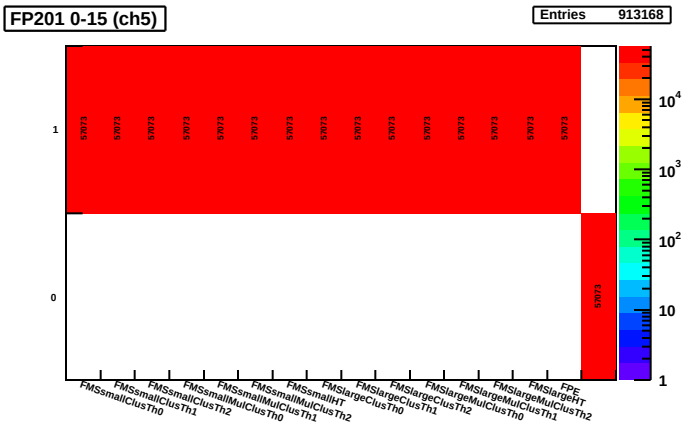

TF201 0-15 (ch0)
Entries 913168
1444
34879 52453 56100 56879 56537 53498 53520 53470 53459 53388 53364
55829 57073 57073 57073 22194 4620 973 3394 6536 3575 3553 3603 3614 3685 3709 57073
MTD ET ITE ITW TOFmult0 TOFmult1 TOFmult2 TOFmult3 TOFmult4 TOFsector0 TOFsector1 TOFsector2 TOFsector3 TOFsector4 TOFsector5

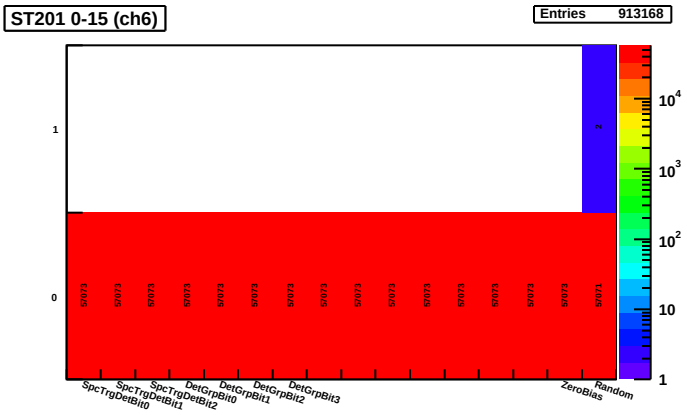

VT201 0-15 (ch1)
Entries 913168
52055 52208 52062 54884 54815 56063 56064 56066 3133 30965 56063 912 52727 53814 53817
9018 4965 9011 57073 2189 2258 1010 1009 1007 53940 26108 1010 56161 4346 3259 3256
BBC-TAC BBC-E BBC-W BBC-L-TAC BBC-L-E BBC-L-W ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW Minimum-Bias Atomcules VPD-TAC VPD-E VPD-W

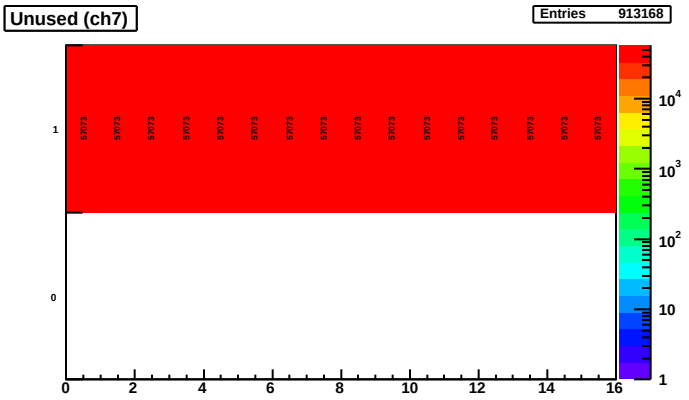

Unused (ch2)
Entries 913168
57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073

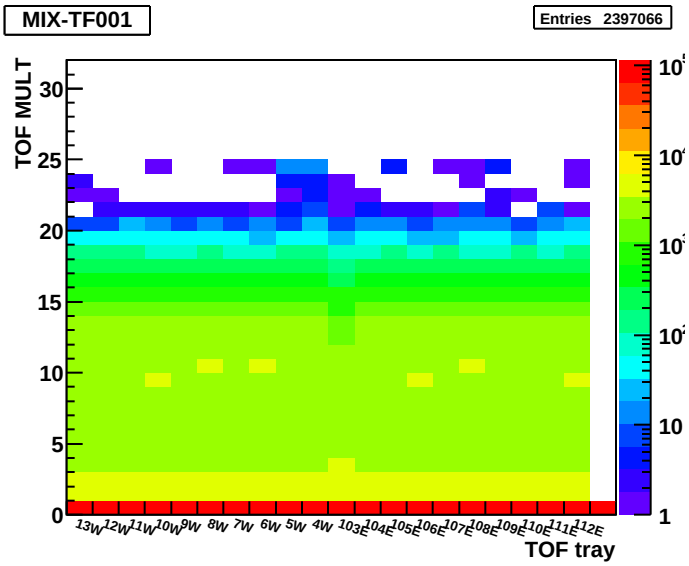

EM201 0-15 (ch3)
Entries 913168
13381 5433 2818 706 73 2 57073 43893 42977 39509 57073 43754 57073 42358 57073
37692 51640 54285 56367 57000 57071 13180 14096 17564 13319 14715 57073
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

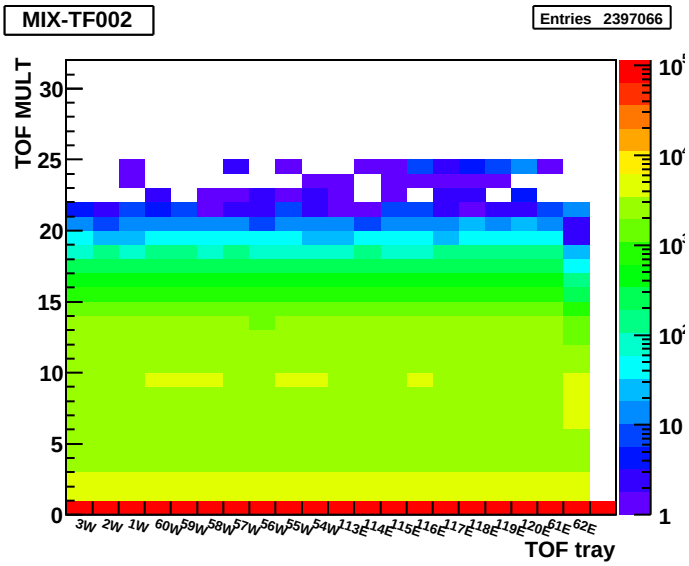

RAT board (ch4)
Entries 913168
53020 54604 57073
57073 57073 57073 57073 4093 57073 57073 2569 57073 57073 57073 57073 57073 57073 57073
rat-0 rat-1 rat-2 rat-3 rat-4 rat-5 rat-6 rat-7 rat-8 rat-9 rat-10 rat-11 rat-12 rat-13 rat-14 rat-15

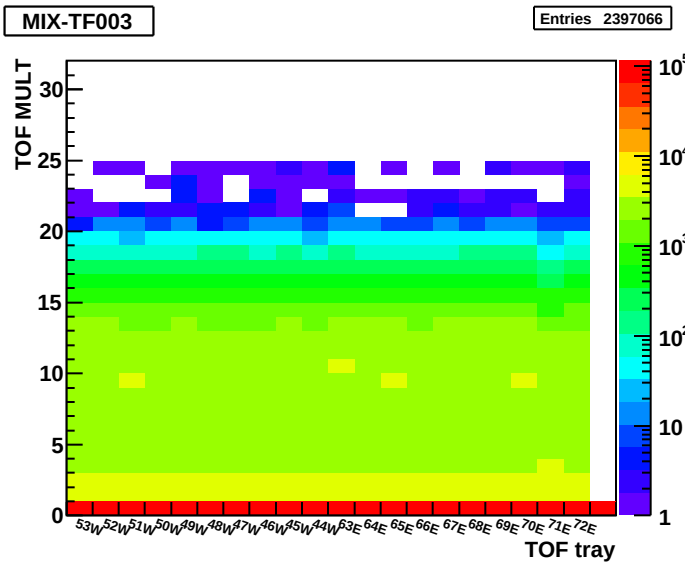

FP201 0-15 (ch5)
Entries 913168
57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073
57073
FMSsmallClusTh0 FMSsmallClusTh1 FMSsmallClusTh2 FMSsmallMulClusTh0 FMSsmallMulClusTh1 FMSsmallMulClusTh2 FMSsmallHT FMSlargeClusTh0 FMSlargeClusTh1 FMSlargeClusTh2 FMSlargeMulClusTh0 FMSlargeMulClusTh1 FMSlargeMulClusTh2 FMSlargeHT FPE

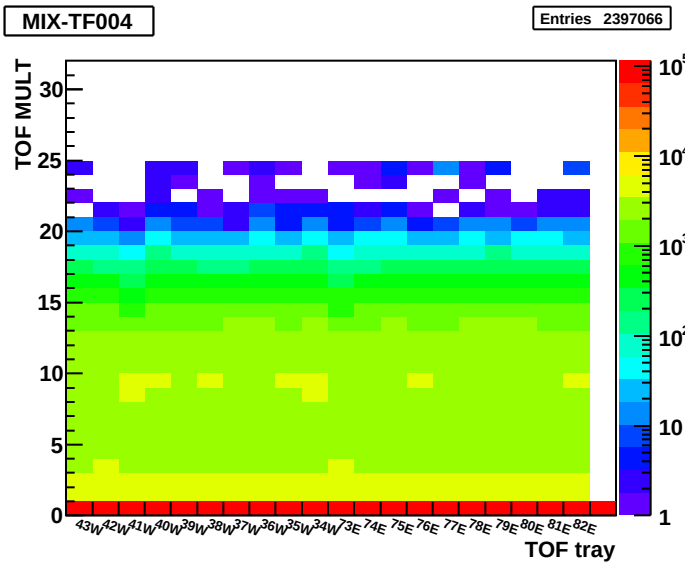

ST201 0-15 (ch6)
Entries 913168
2
57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57071
SpcTrgDetBit0 SpcTrgDetBit1 SpcTrgDetBit2 DetCrpBit0 DetCrpBit1 DetCrpBit2 DetCrpBit3 ZeroBias Random

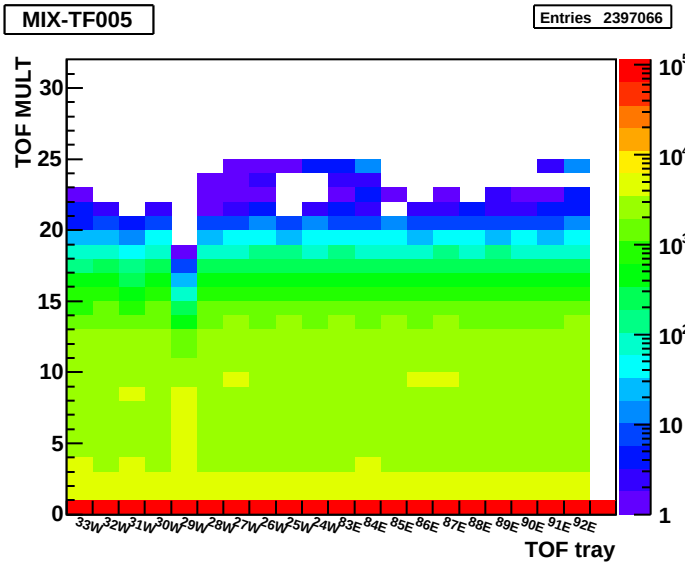

Unused (ch7)
Entries 913168
57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073 57073

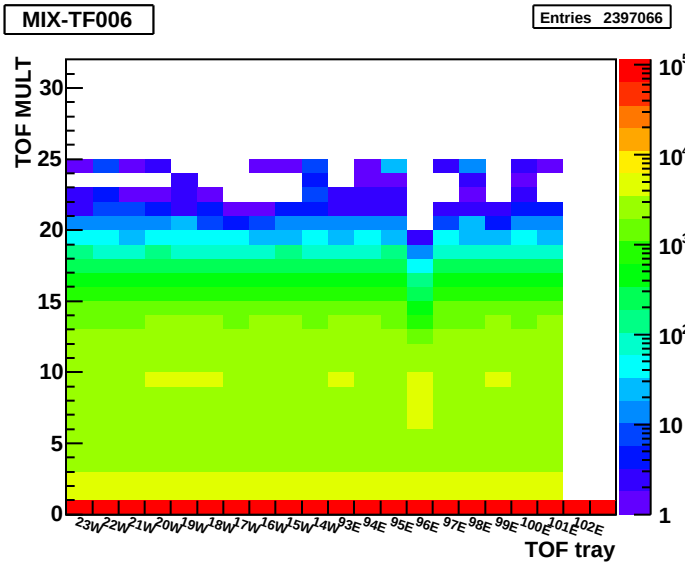

MIX-TF001
Entries 2397066
TOF MULT
TOF tray

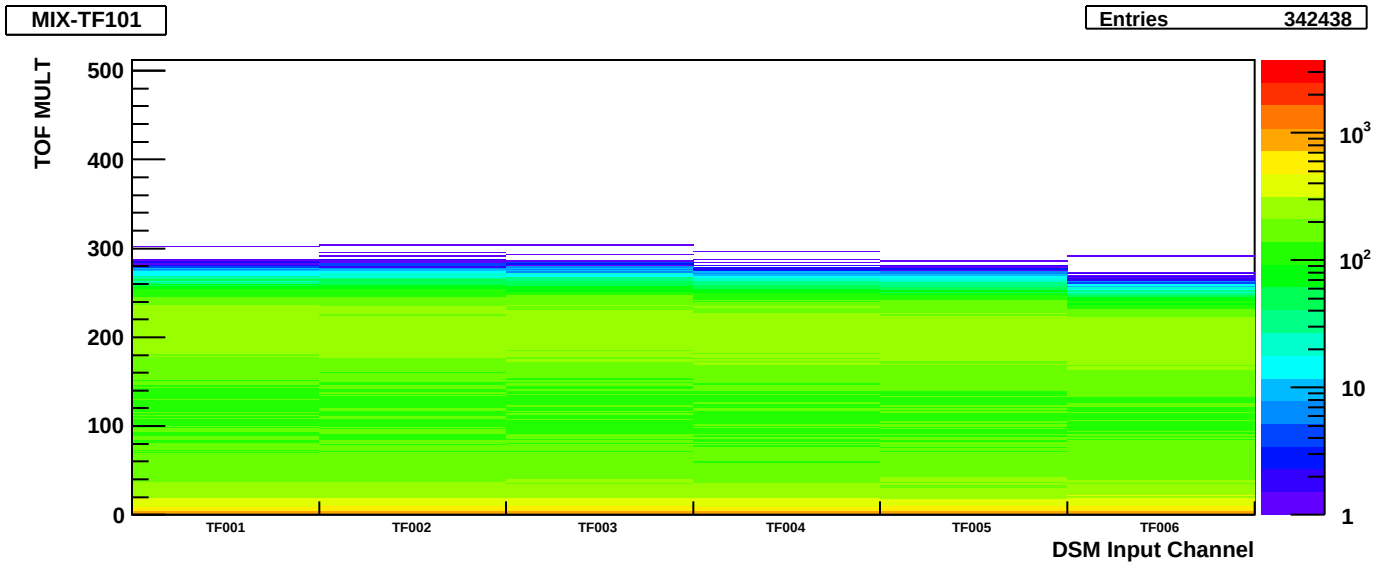

MIX-TF002
Entries 2397066
TOF MULT
TOF tray

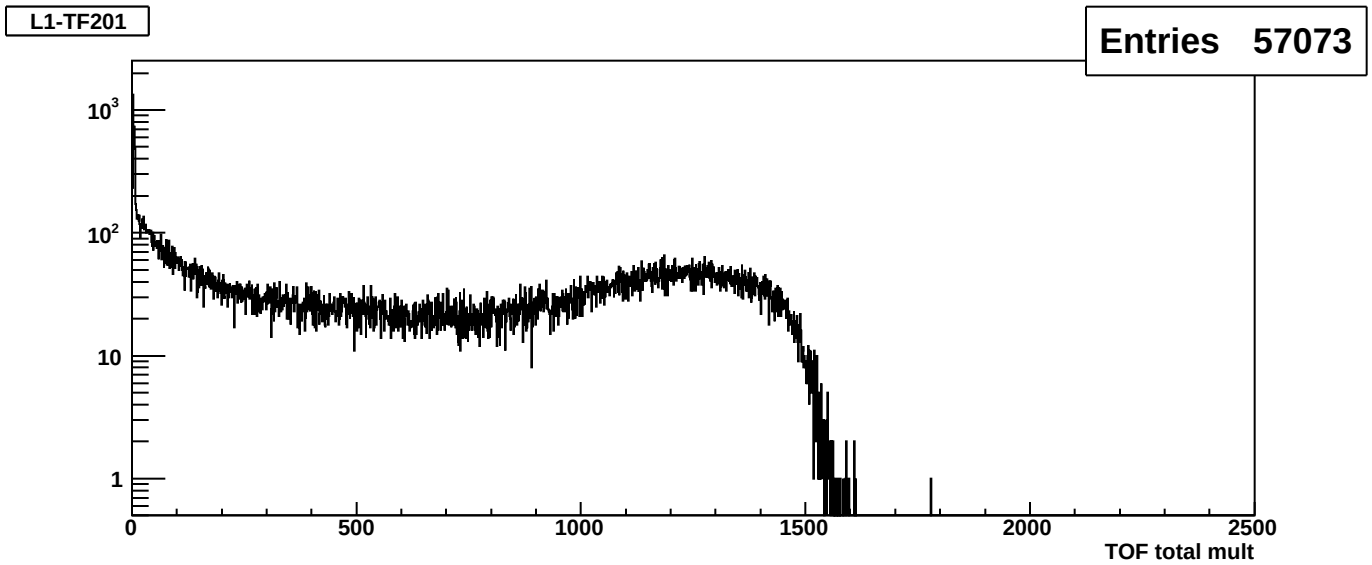

MIX-TF003
Entries 2397066
TOF MULT
TOF tray

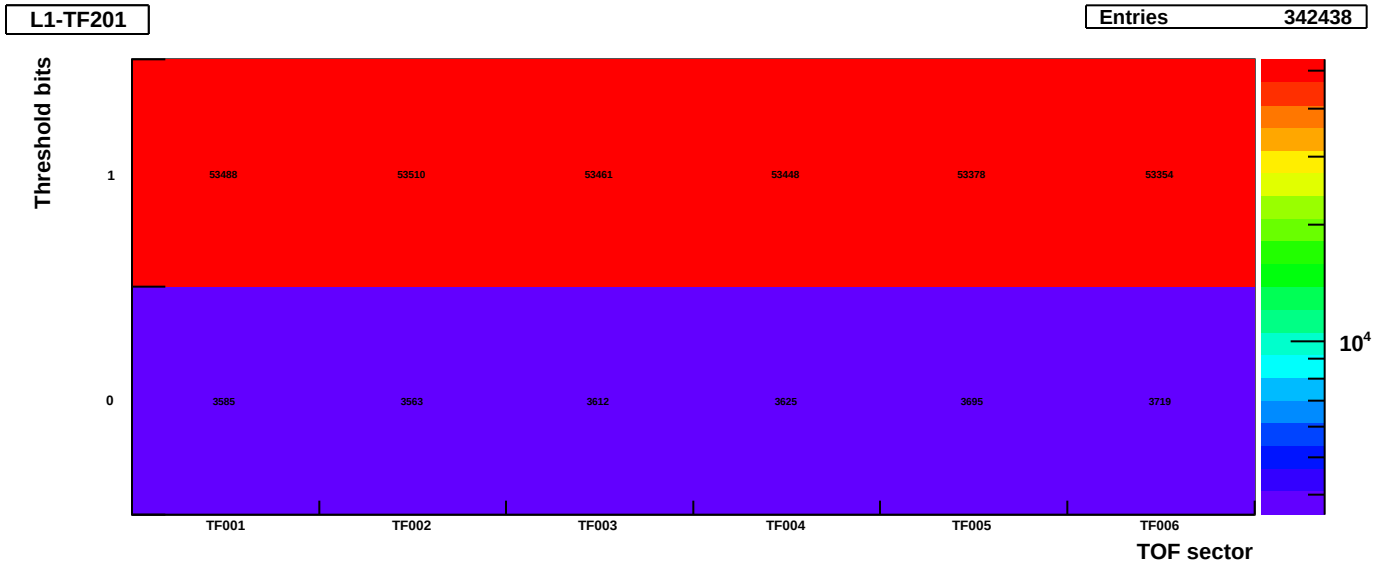

MIX-TF004
Entries 2397066
TOF MULT
TOF tray

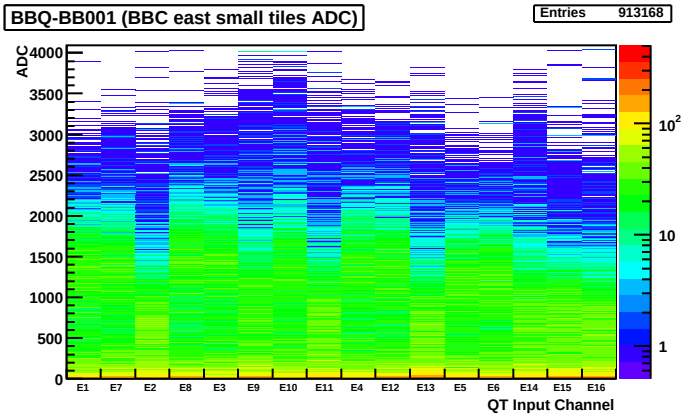

MIX-TF005
Entries 2397066
TOF MULT
TOF tray

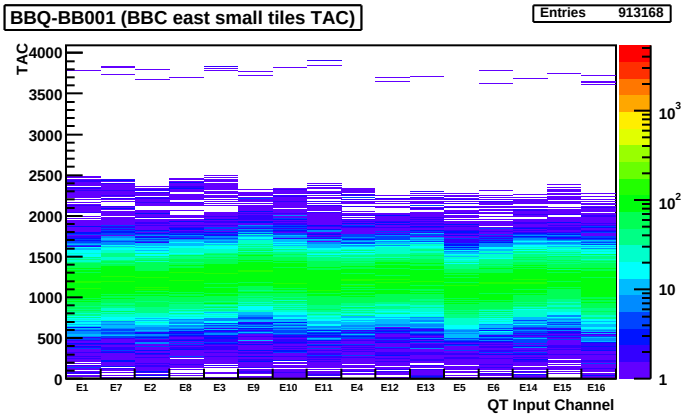

MIX-TF006
Entries 2397066
TOF MULT
TOF tray

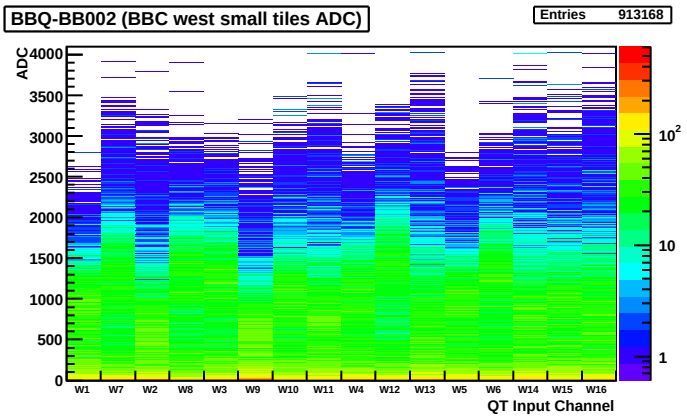

MIX-TF101
Entries 342438
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

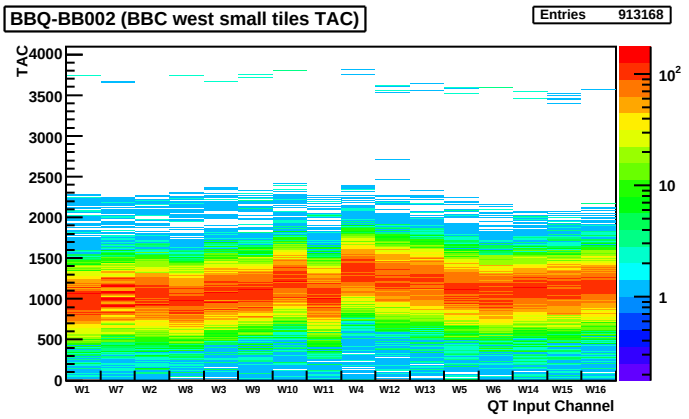

L1-TF201
Entries 57073
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

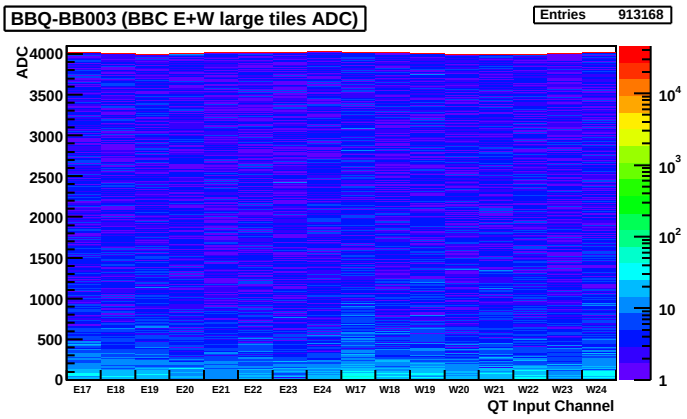

L1-TF201
Entries 342438
Threshold bits
1
0
53488
53510
53461
53448
53378
53354
3585
3563
3612
3625
3695
3719
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4

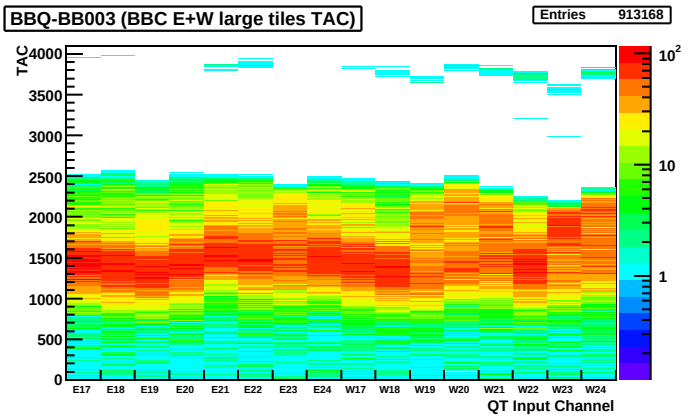

BBQ-BB001 (BBC east small tiles ADC)
Entries 913168
ADC
QT Input Channel

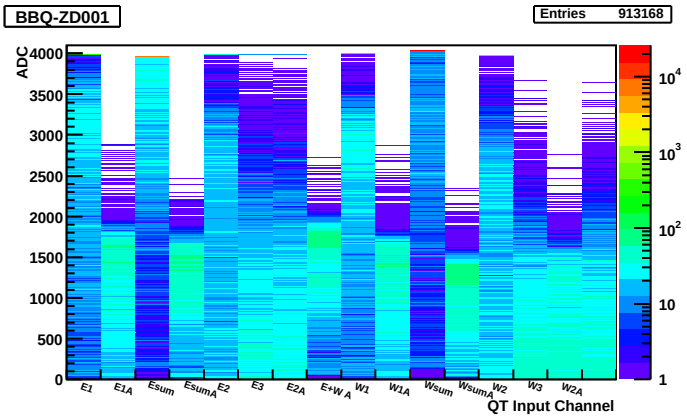

BBQ-BB001 (BBC east small tiles TAC)
Entries 913168
TAC
QT Input Channel

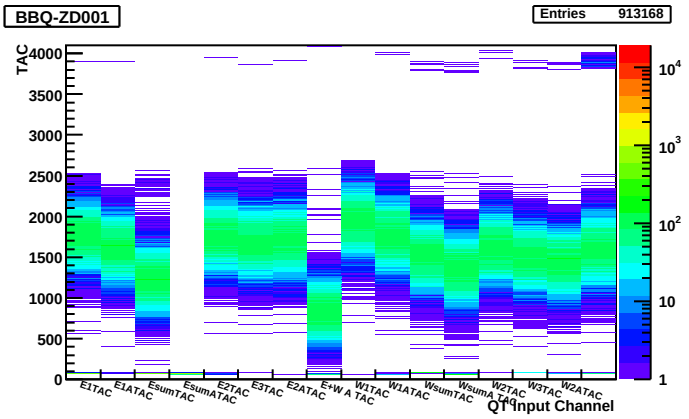

BBQ-BB002 (BBC west small tiles ADC)
Entries 913168
ADC
QT Input Channel

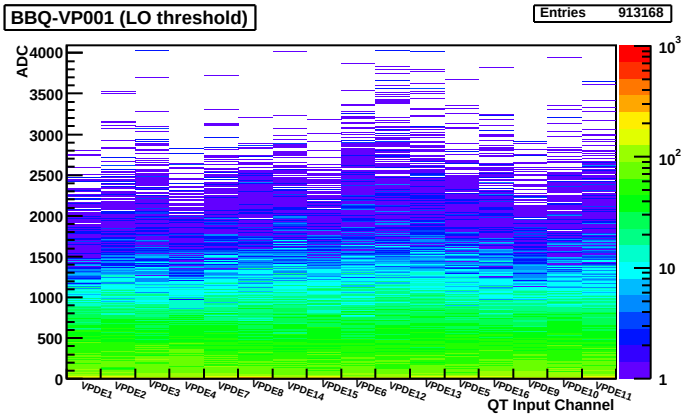

BBQ-BB002 (BBC west small tiles TAC)
Entries 913168
TAC
QT Input Channel

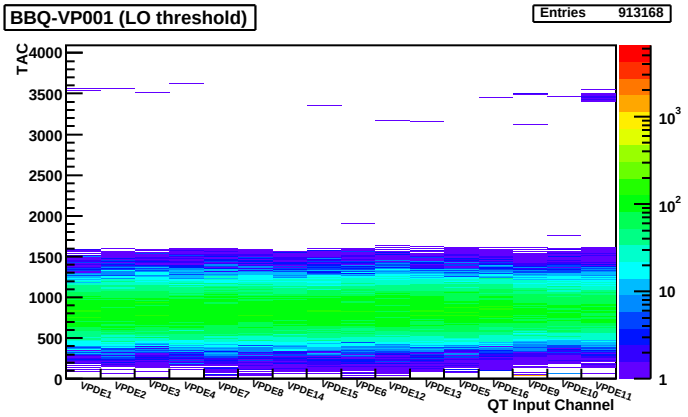

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 913168
ADC
QT Input Channel

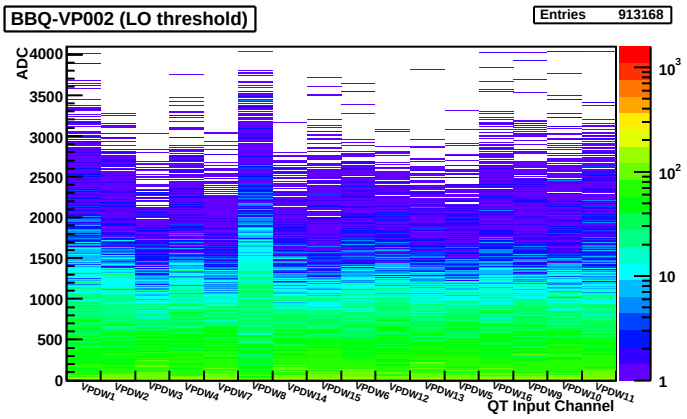

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 913168
TAC
QT Input Channel

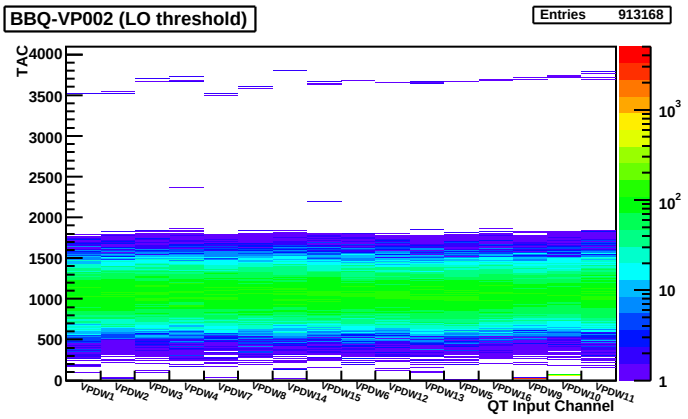

BBQ-ZD001
Entries 913168
ADC
QT Input Channel

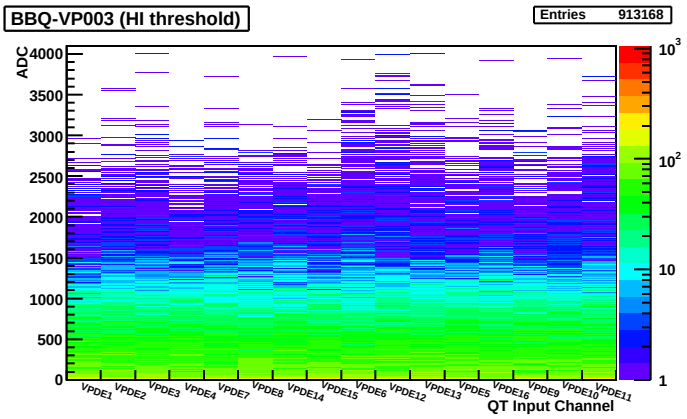

BBQ-ZD001
Entries 913168
TAC
QT Input Channel

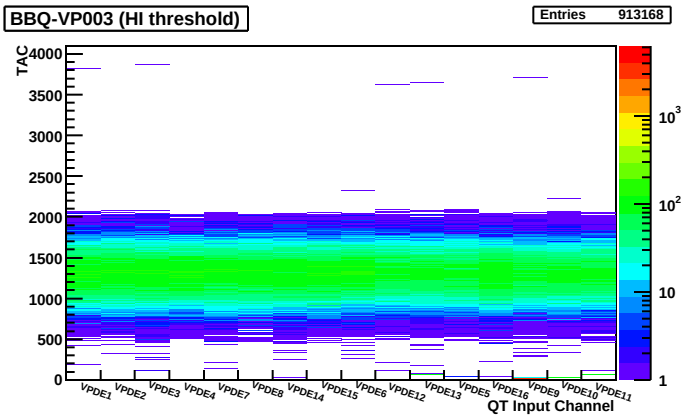

BBQ-VP001 (LO threshold)
Entries 913168
ADC
QT Input Channel

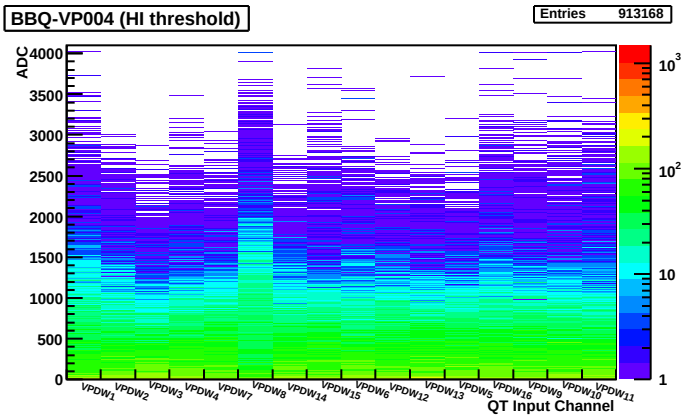

BBQ-VP001 (LO threshold)
Entries 913168
TAC
QT Input Channel

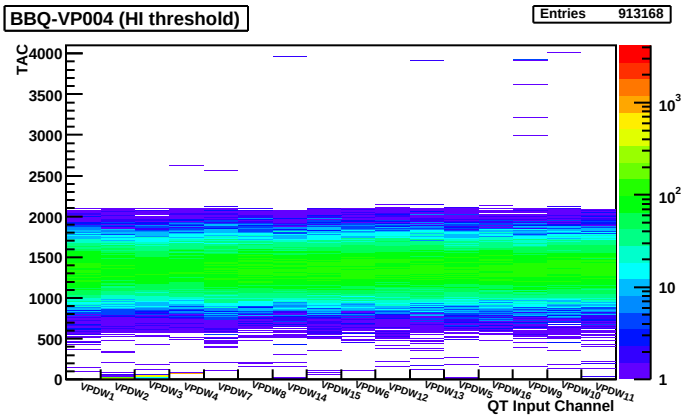

BBQ-VP002 (LO threshold)
Entries 913168
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 913168
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 913168
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 913168
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 913168
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 913168
TAC
QT Input Channel