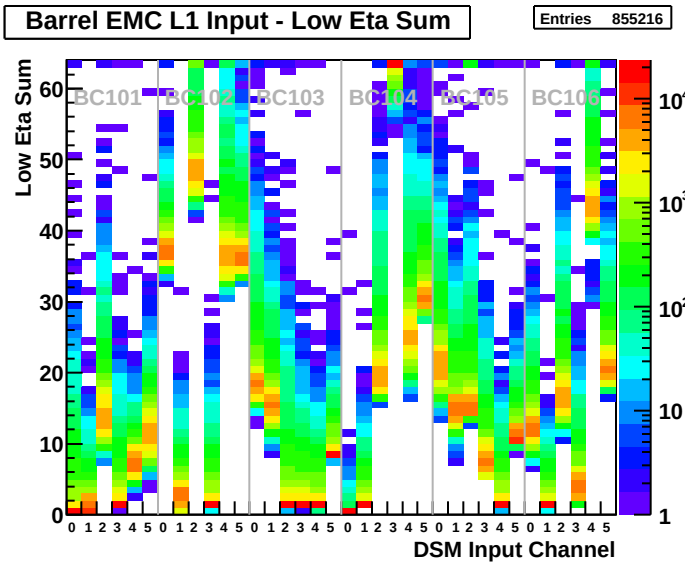
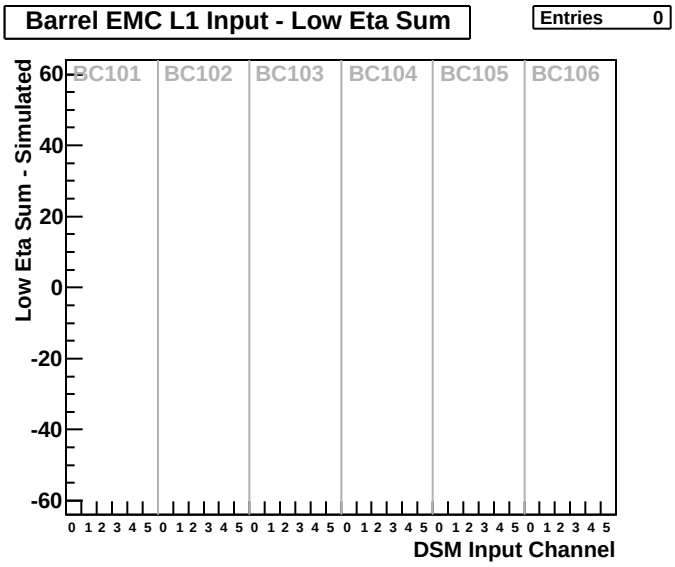
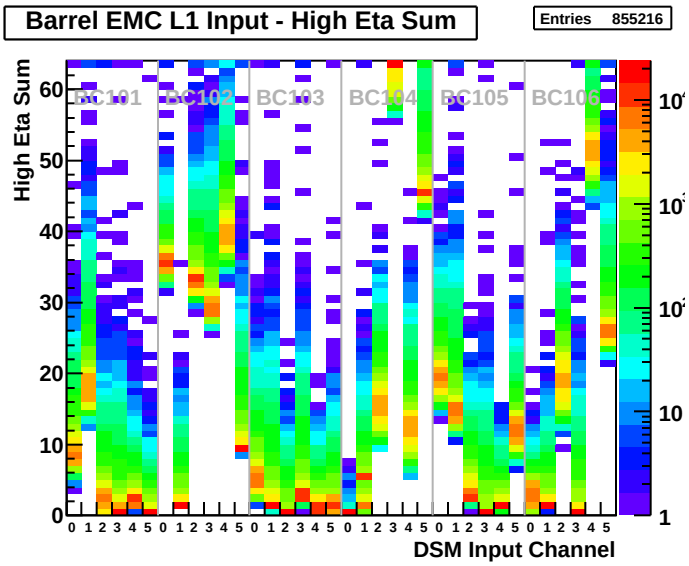
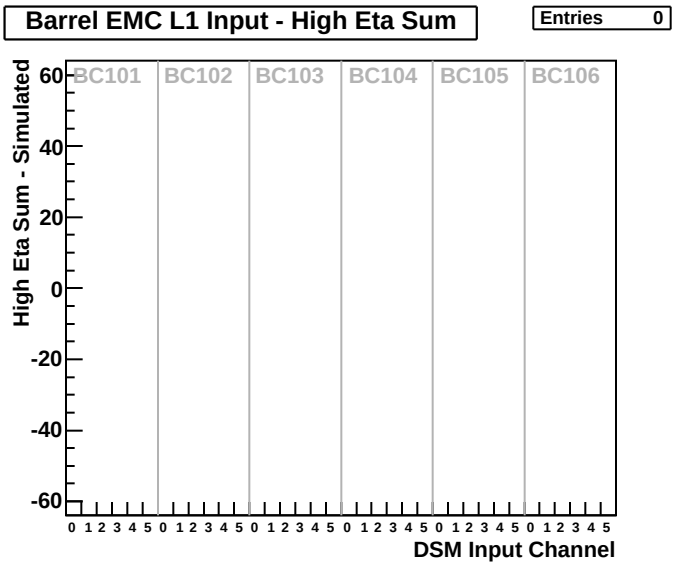
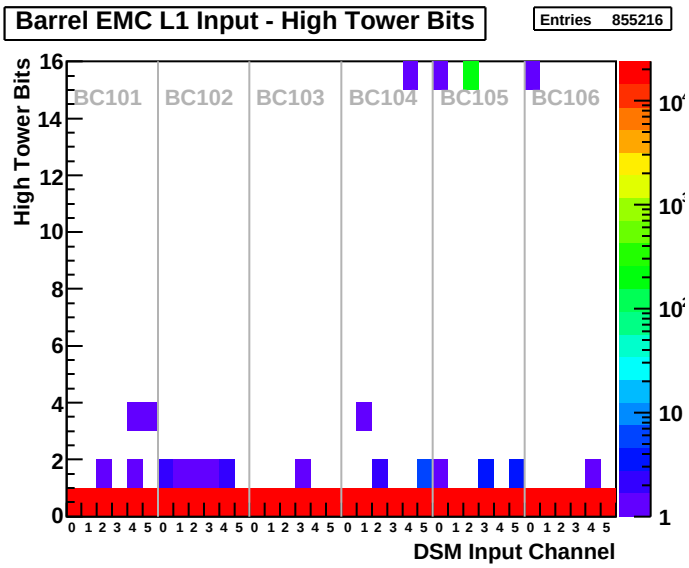
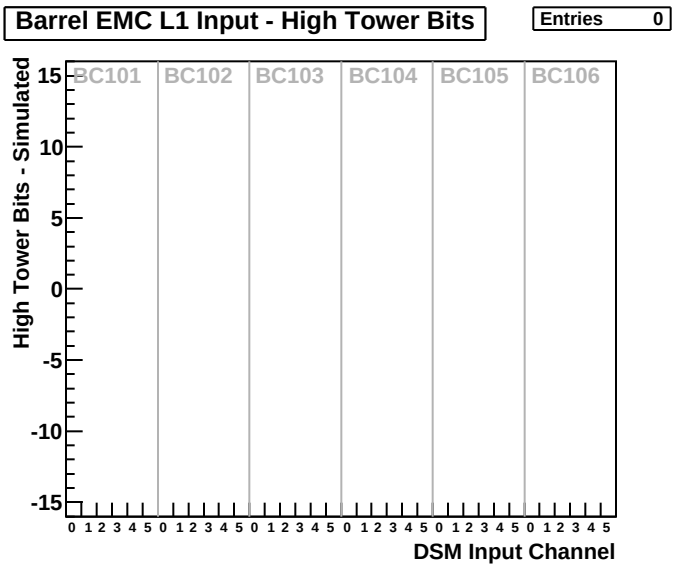

Barrel EMC L1 Input - Low Eta Sum
Entries 855216
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

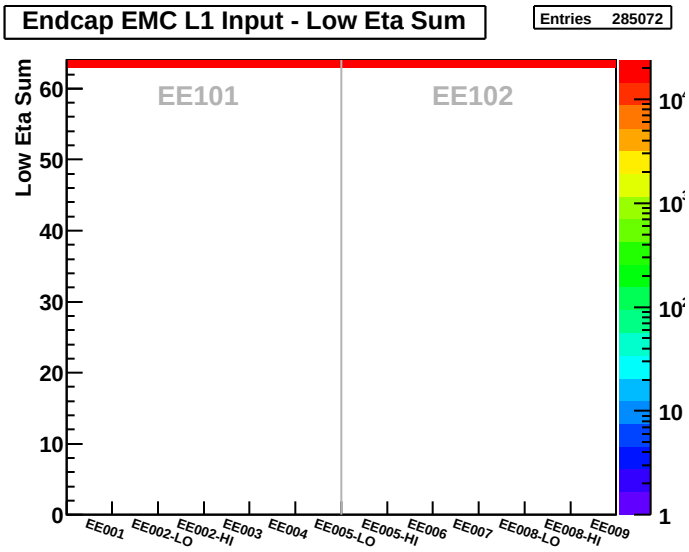

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

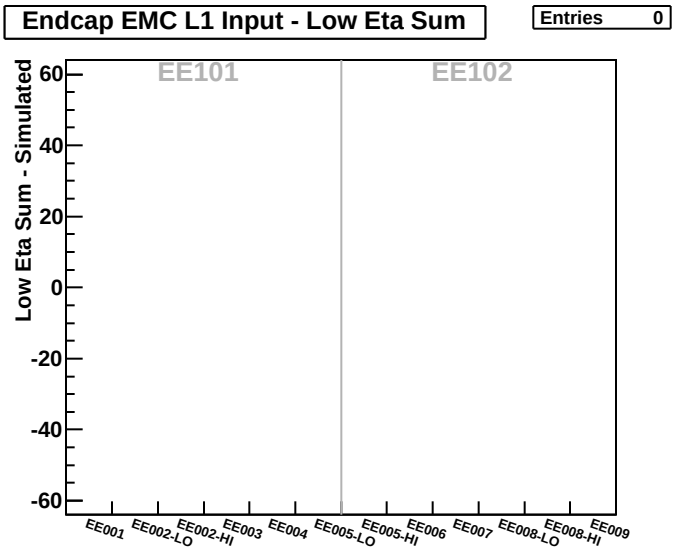

Barrel EMC L1 Input - High Eta Sum
Entries 855216
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

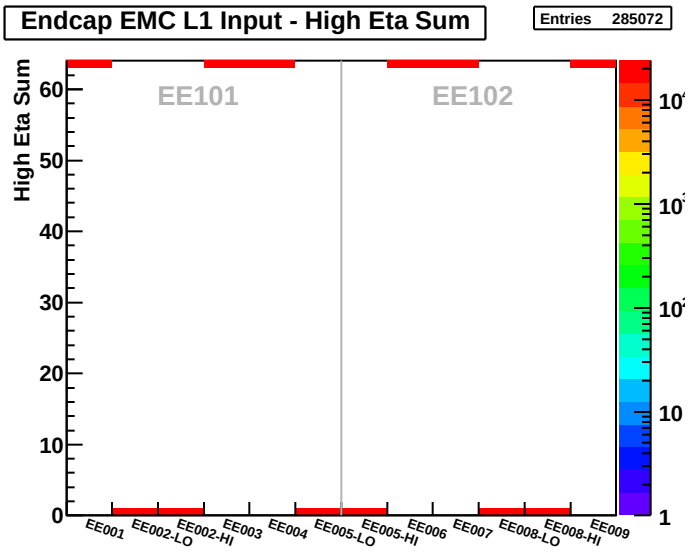

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

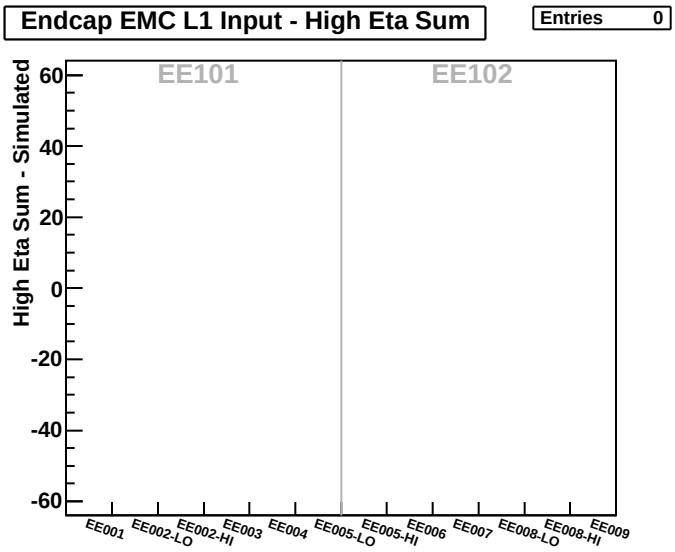

Barrel EMC L1 Input - High Tower Bits
Entries 855216
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

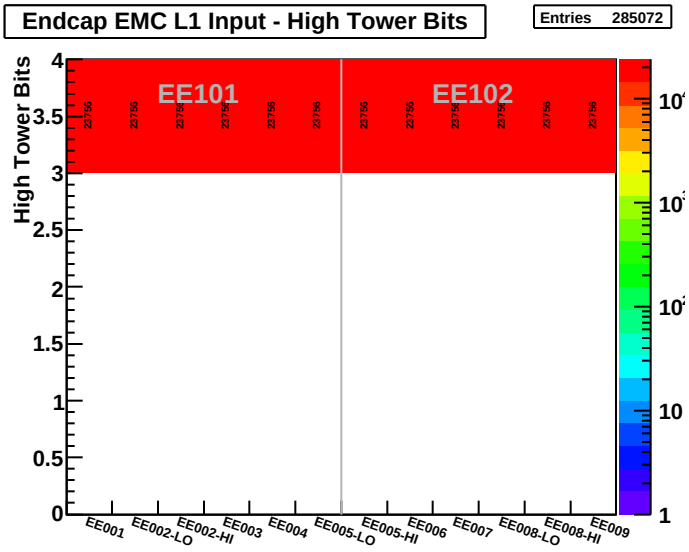

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

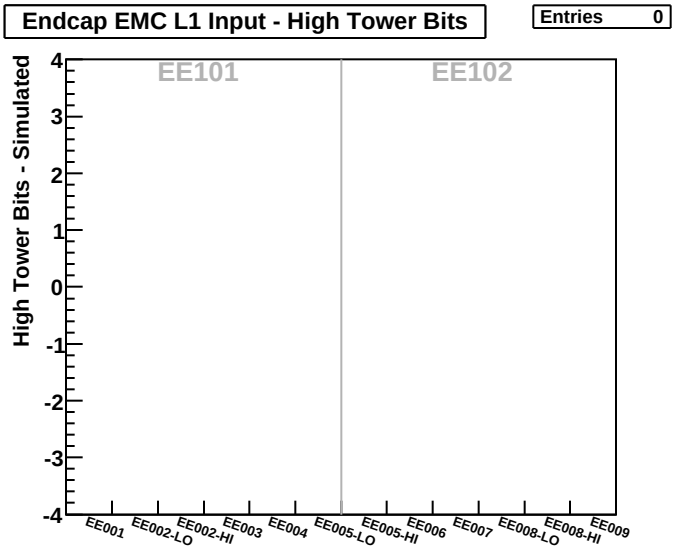

Endcap EMC L1 Input - Low Eta Sum
Entries 285072
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

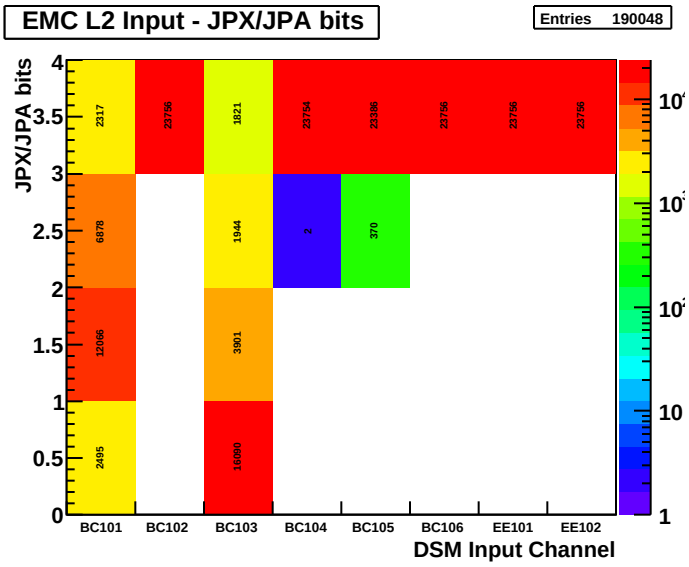

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

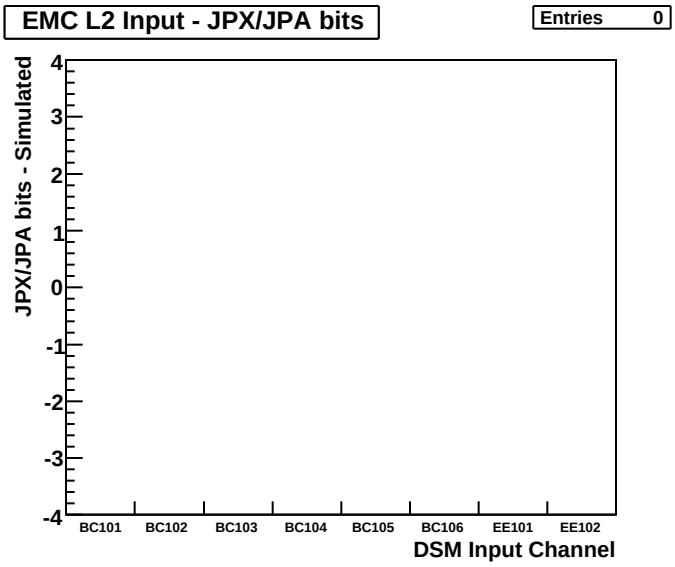

Endcap EMC L1 Input - High Eta Sum
Entries 285072
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

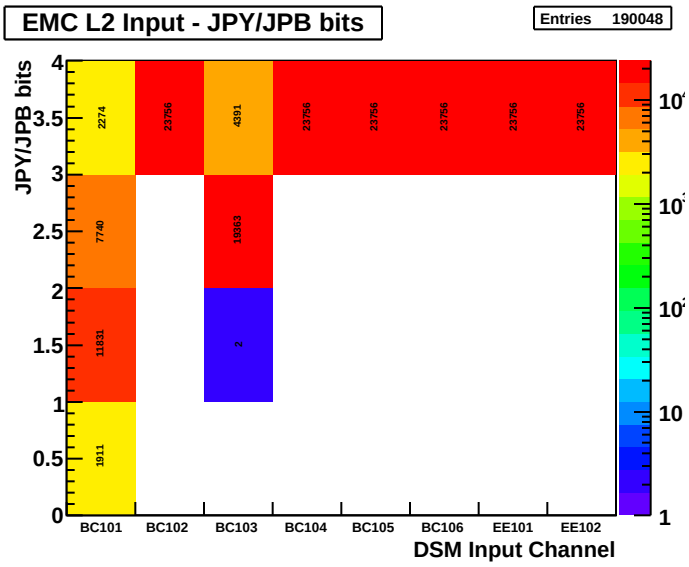

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

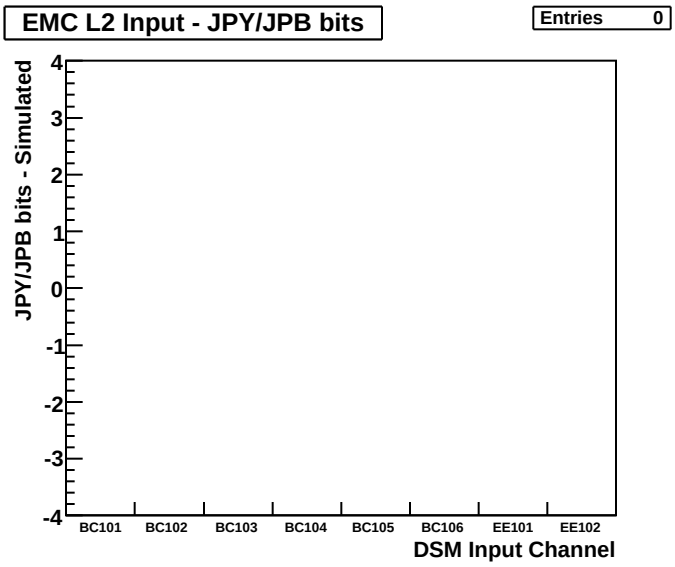

Endcap EMC L1 Input - High Tower Bits
Entries 285072
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

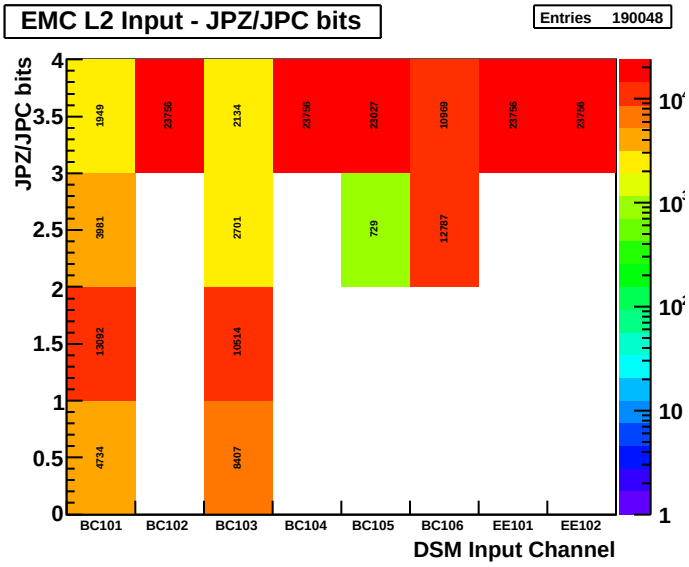

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

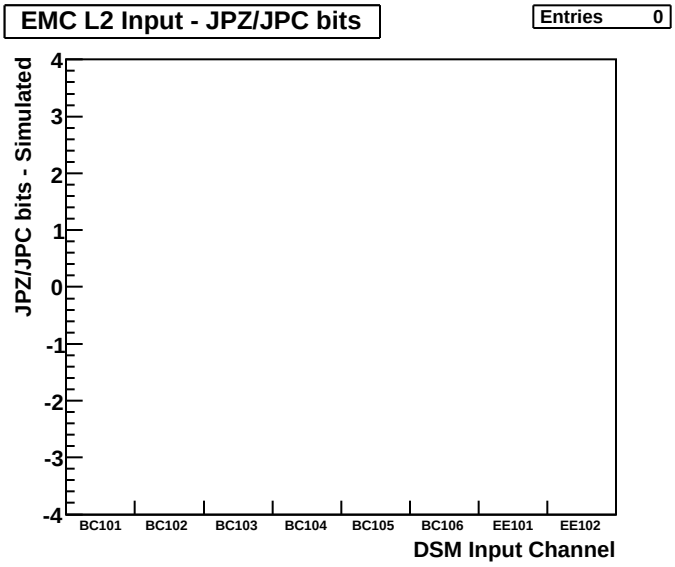

EMC L2 Input - JPX/JPA bits
Entries 190048
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2317 23756 1821 23754 23386 23756 23756 23756
6878 1944 2 370
12066 3901
2495 16090

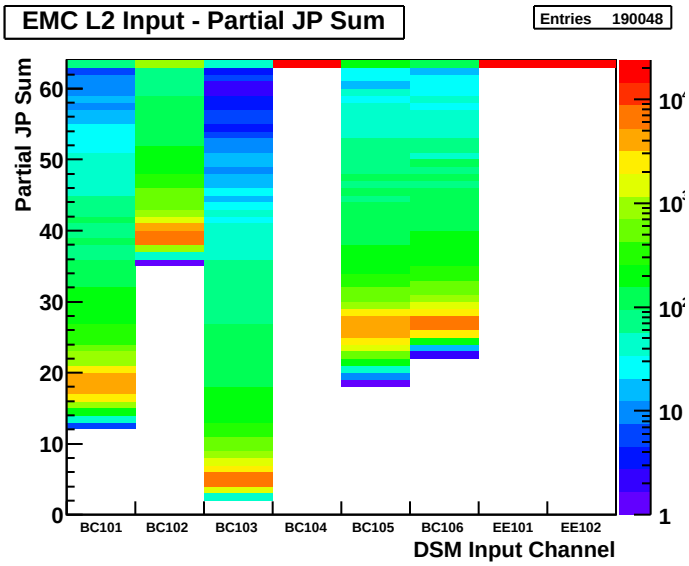

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

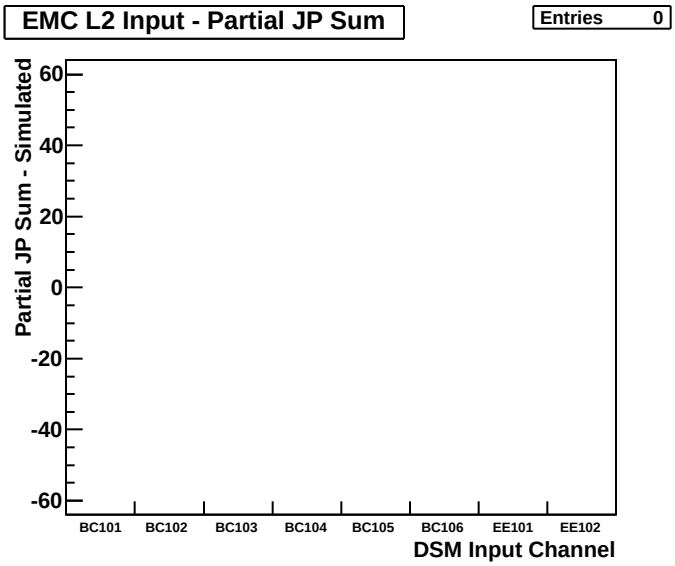

EMC L2 Input - JPY/JPB bits
Entries 190048
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2274 23756 4391 23756 23756 23756 23756 23756
7740 19363
11831 2
1911

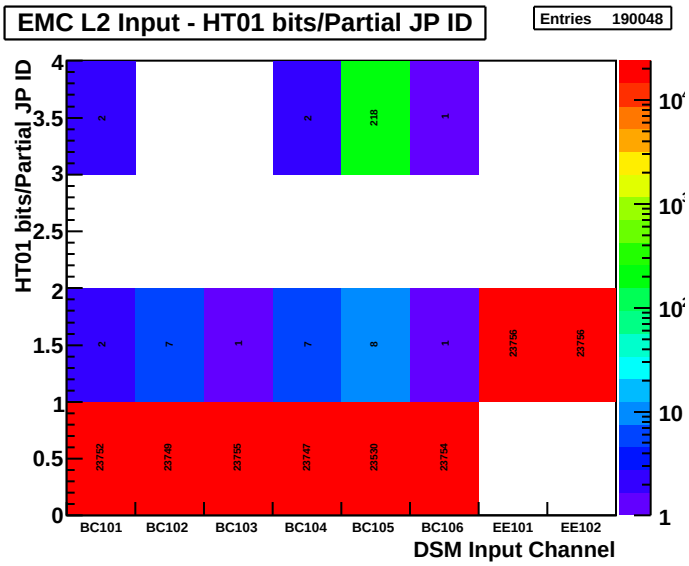

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

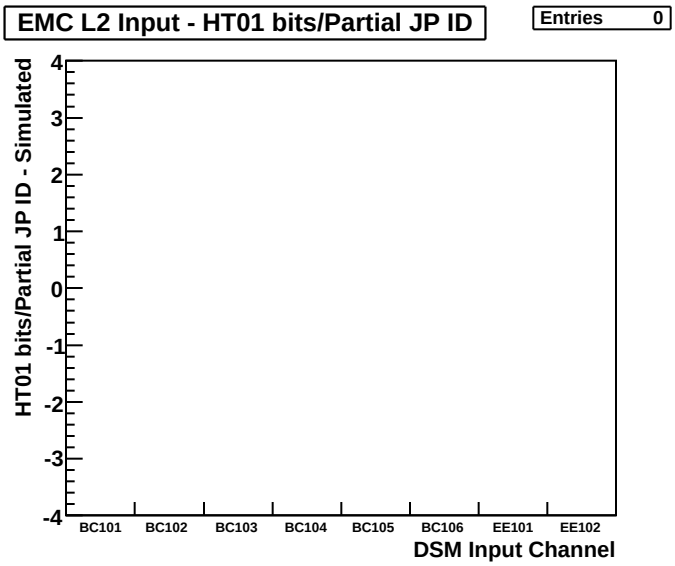

EMC L2 Input - JPZ/JPC bits
Entries 190048
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
1949 23756 2134 23756 23027 10969 23756 23756
3861 2701 729 12787
13092 10514
4734 8407

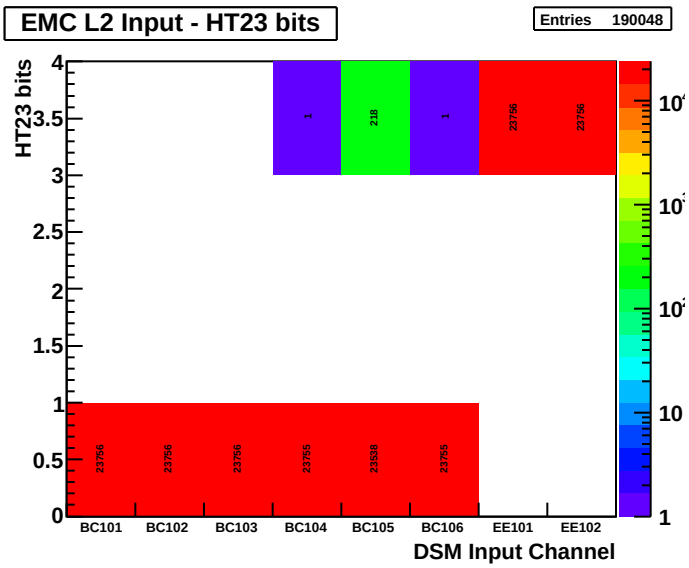

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

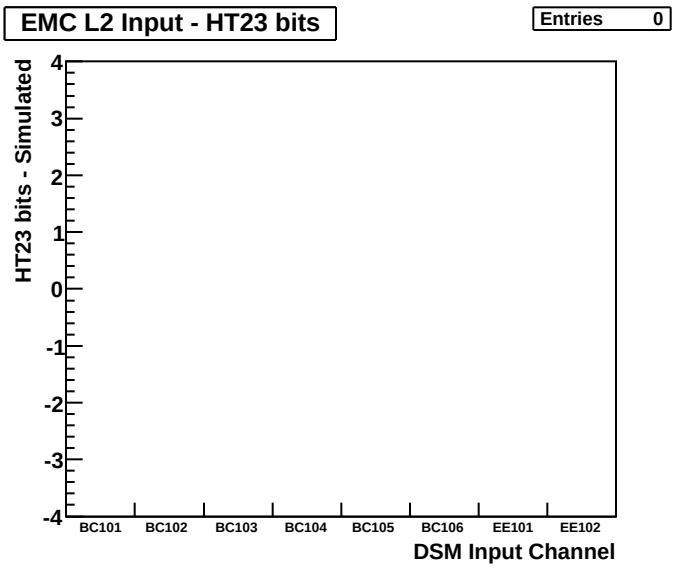

EMC L2 Input - Partial JP Sum
Entries 190048
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

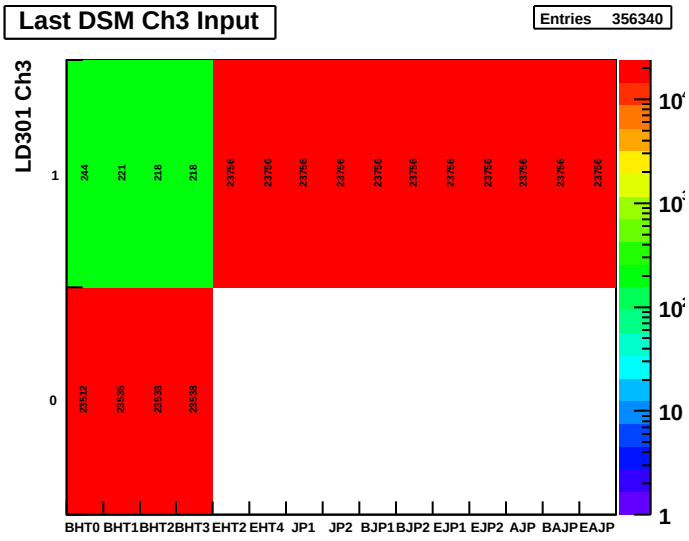

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

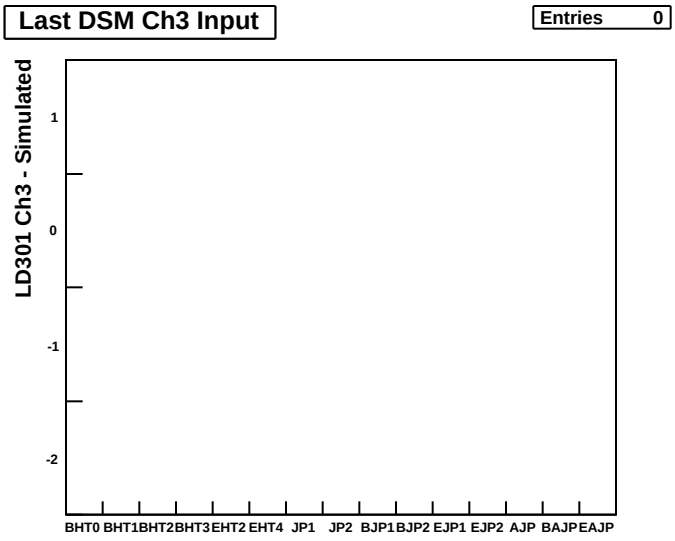

EMC L2 Input - HT01 bits/Partial JP ID
Entries 190048
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

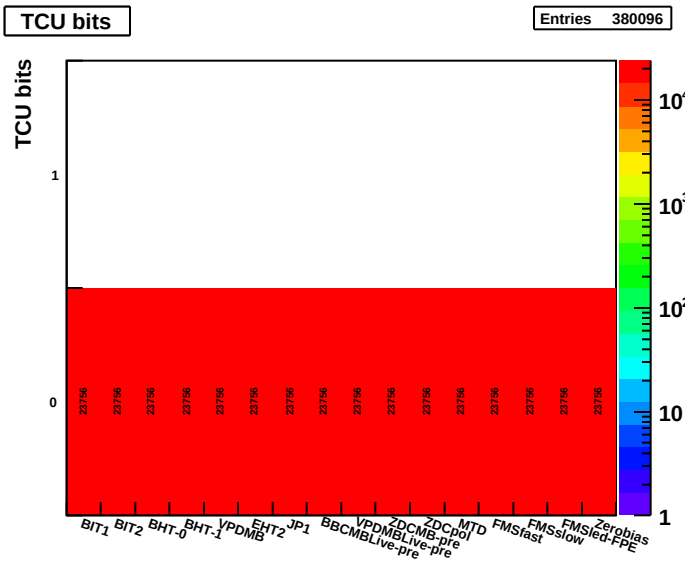

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

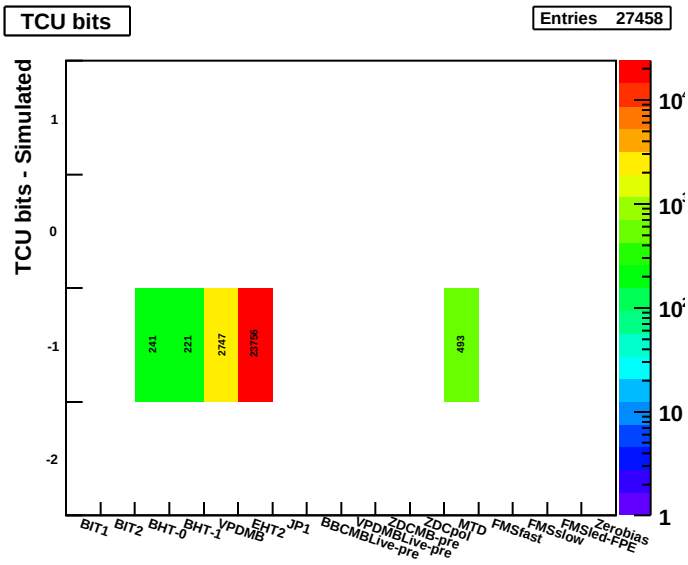

EMC L2 Input - HT23 bits
Entries 190048
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

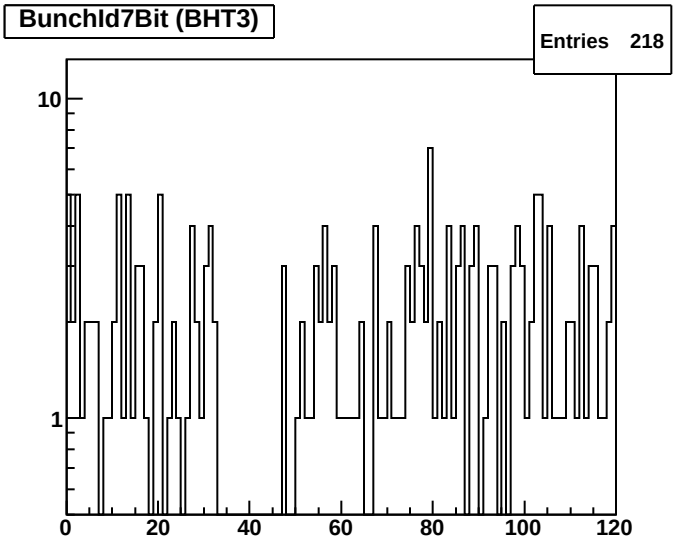

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

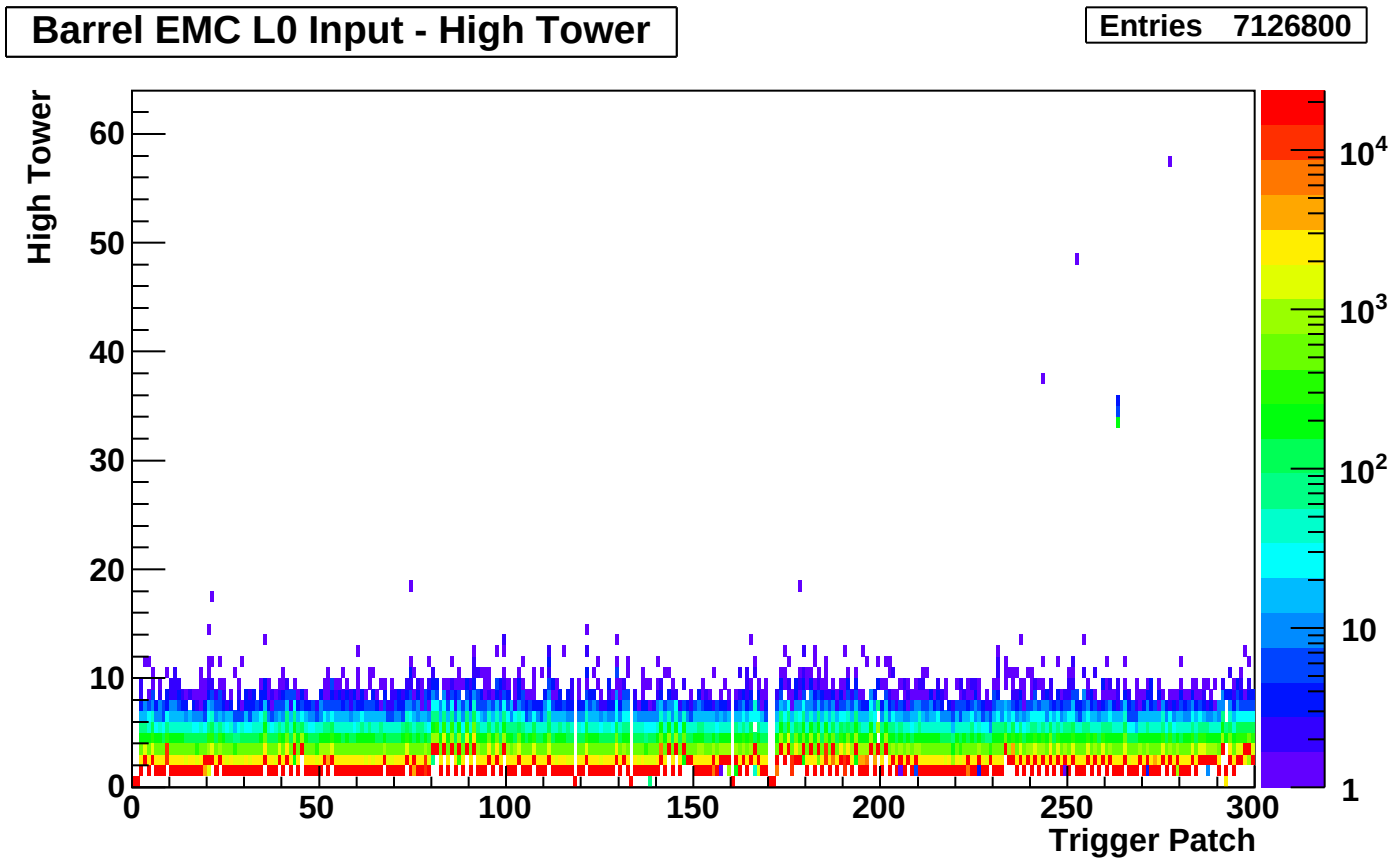

Last DSM Ch3 Input
Entries 356340
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

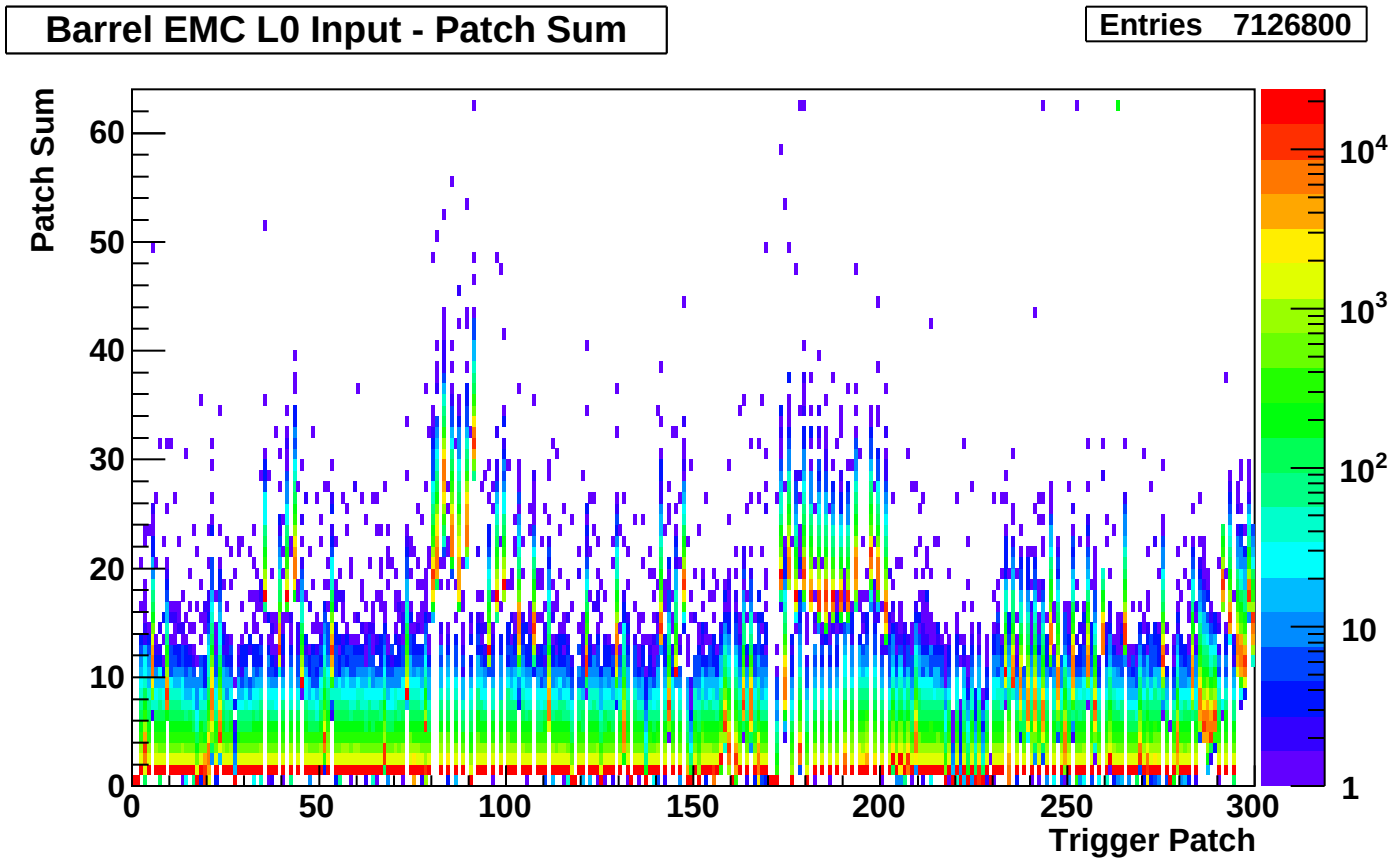

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

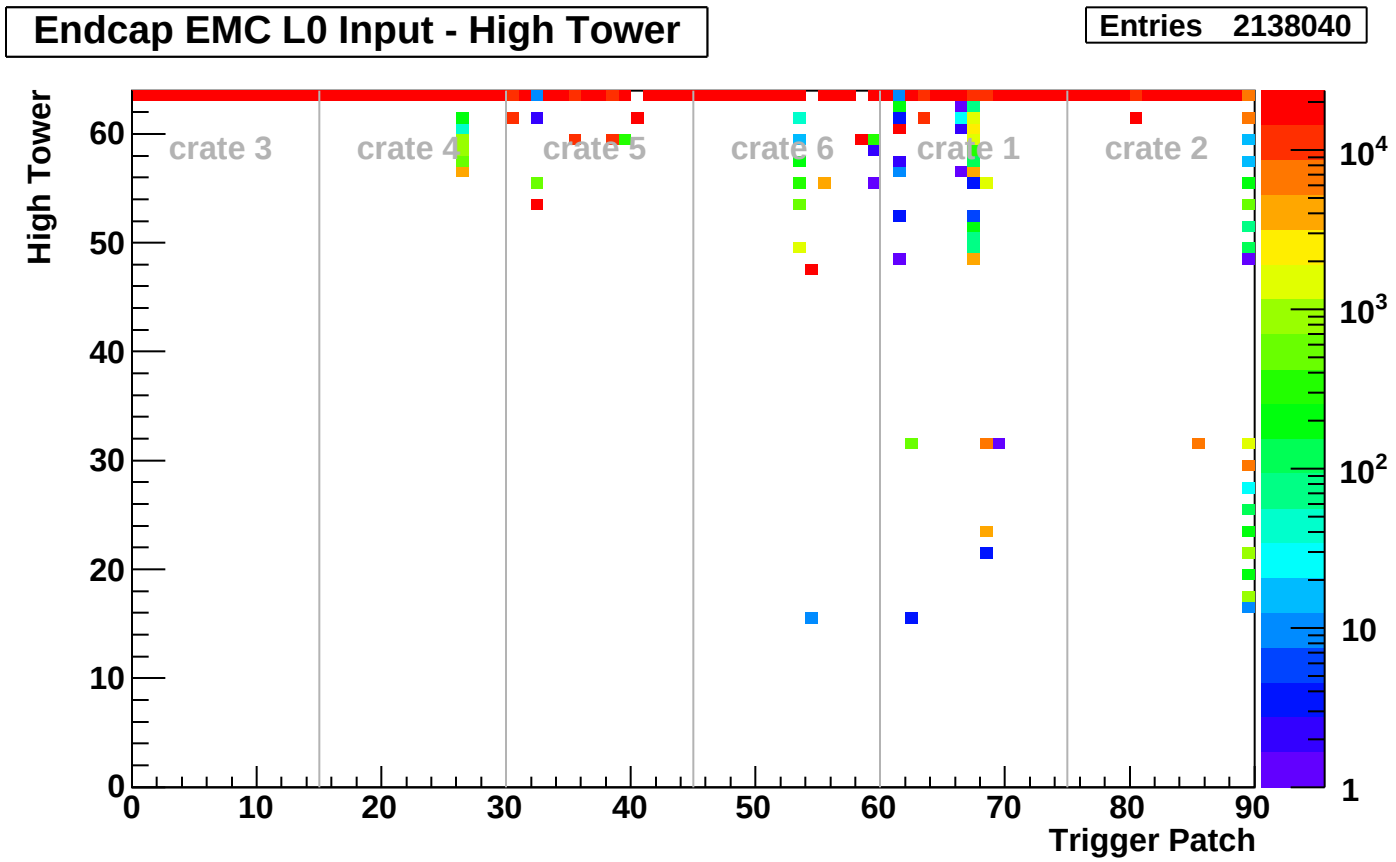

TCU bits
Entries 380096
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

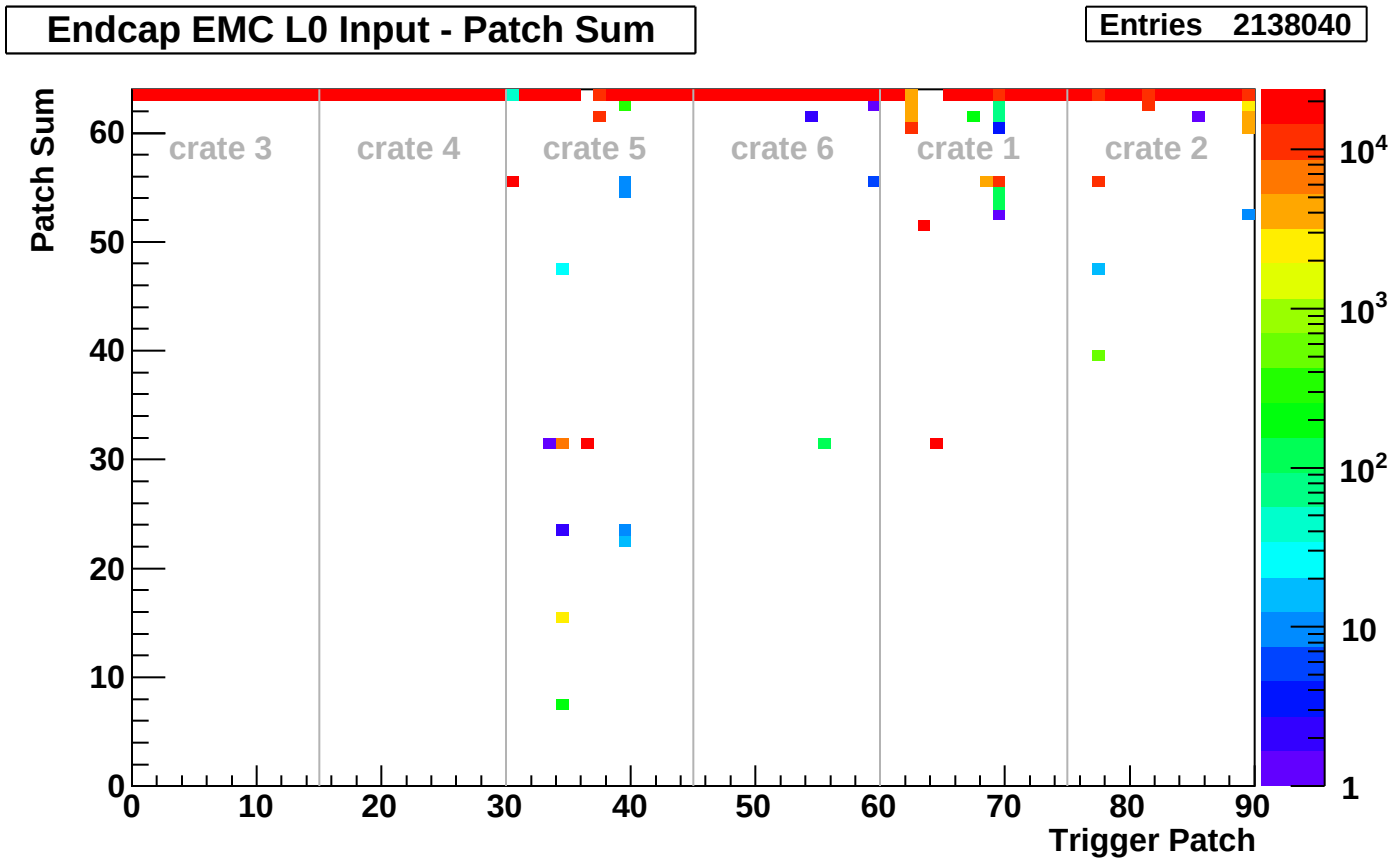

TCU bits
Entries 27458
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

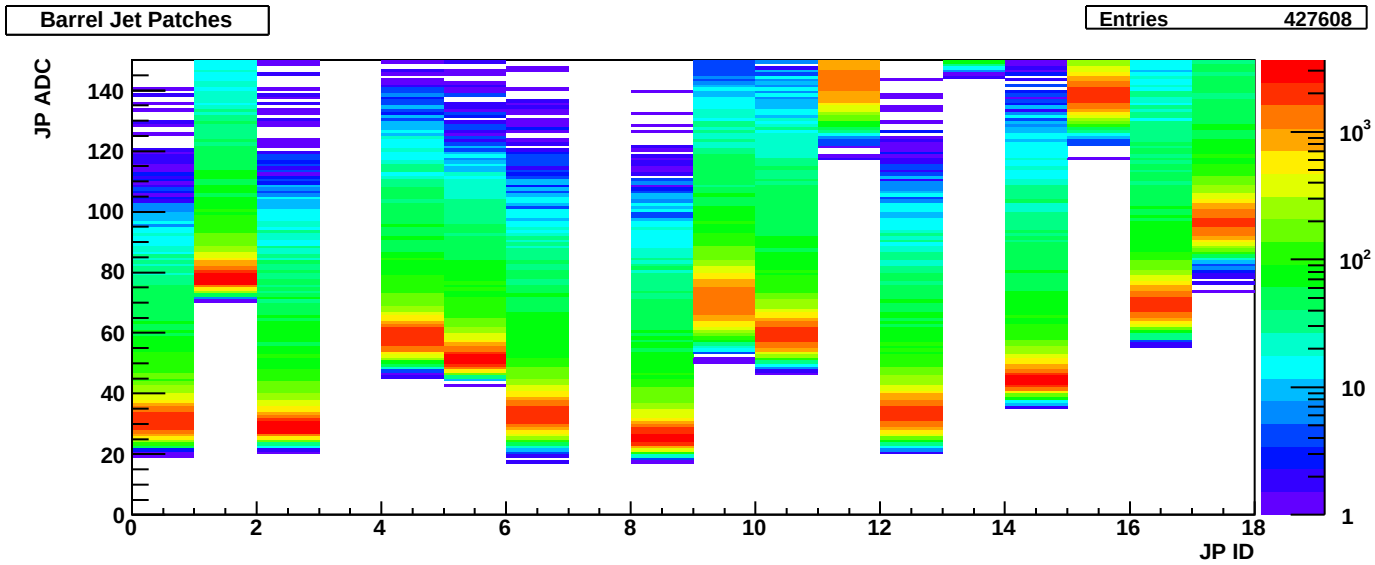

BunchId7Bit (BHT3)
Entries 218

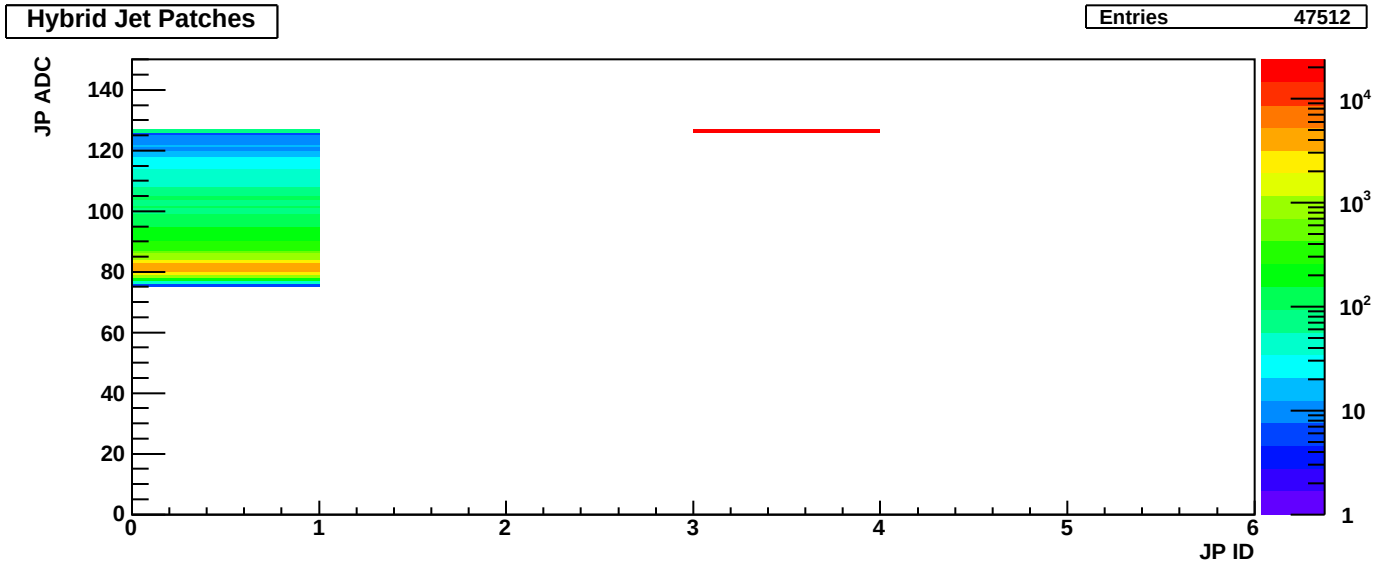

Barrel EMC L0 Input - High Tower
Entries 7126800
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

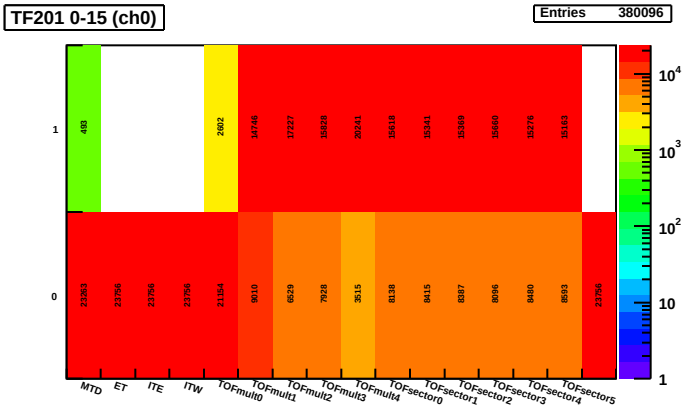

Barrel EMC L0 Input - Patch Sum
Entries 7126800
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

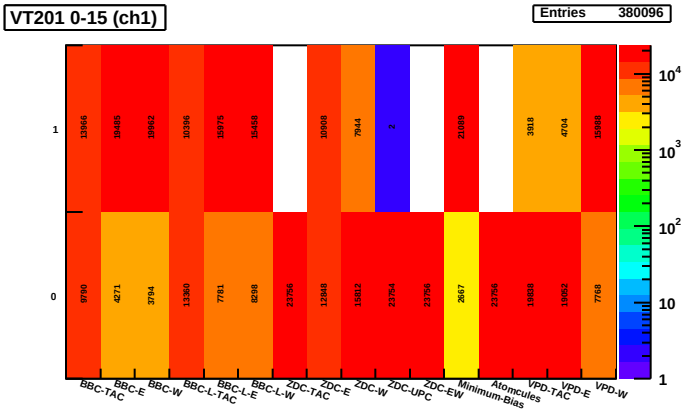

Endcap EMC L0 Input - High Tower
Entries 2138040
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

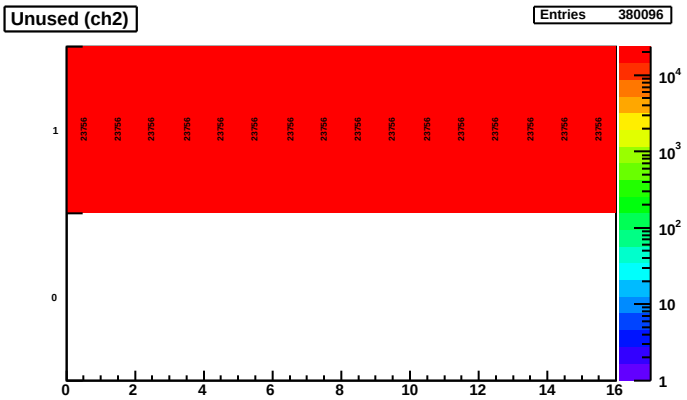

Endcap EMC L0 Input - Patch Sum
Entries 2138040
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

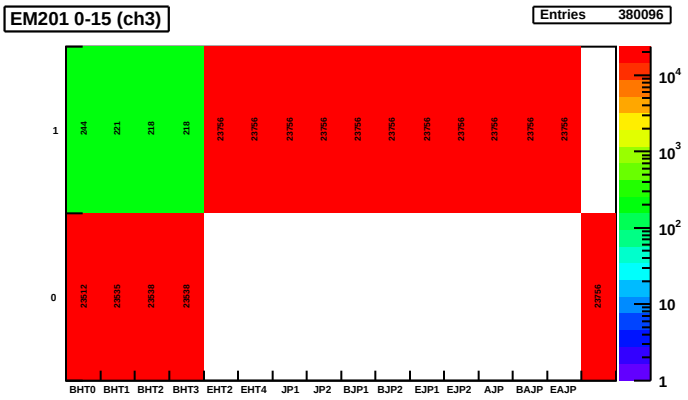

Barrel Jet Patches
Entries 427608
JP ADC
JP ID

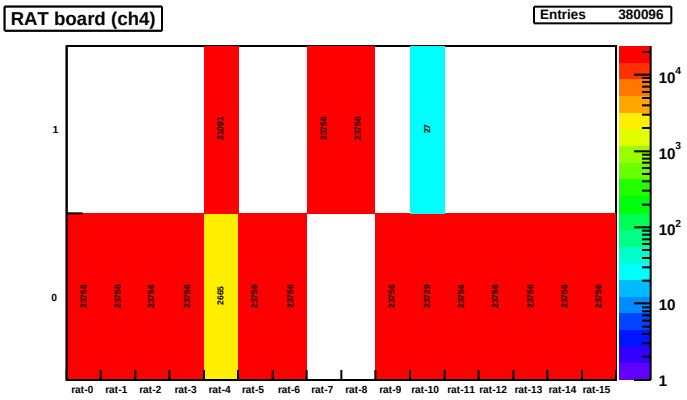

Hybrid Jet Patches
Entries 47512
JP ADC
JP ID

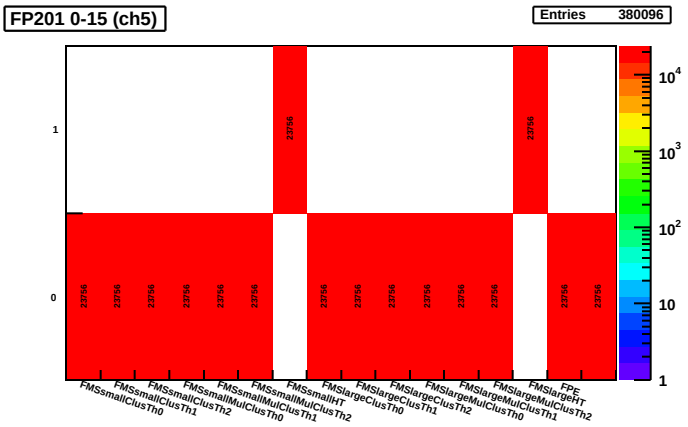

TF201 0-15 (ch0)
Entries 380096
MTD ET ITE ITW TOFmult0 TOFmult1 TOFmult2 TOFmult3 TOFmult4 TOFsector0 TOFsector1 TOFsector2 TOFsector3 TOFsector4 TOFsector5

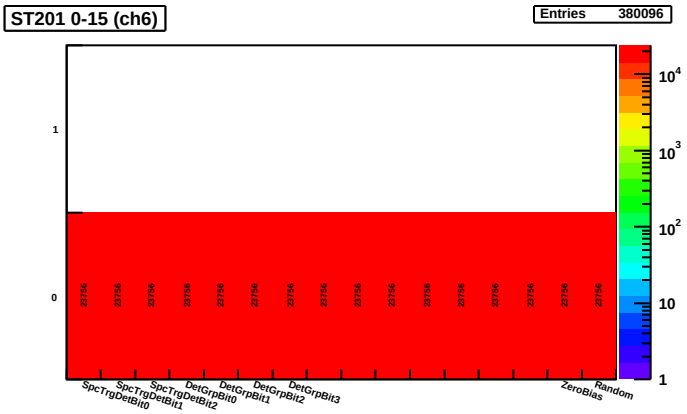

VT201 0-15 (ch1)
Entries 380096
BBC-TAC BBC-E BBC-W BBC-L-TAC BBC-L-E BBC-L-W ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW Minimum-Bias Atomcules VPD-TAC VPD-E VPD-W

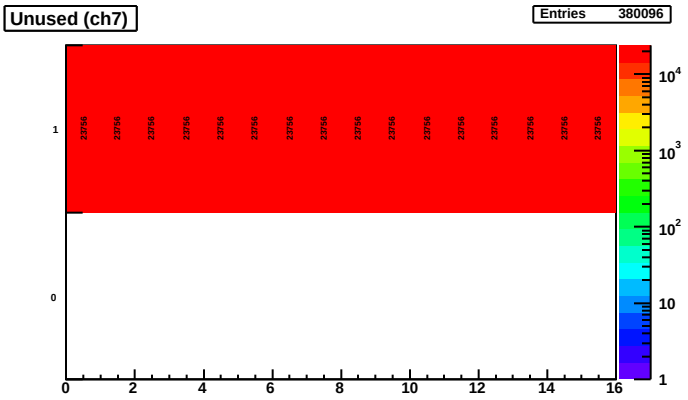

Unused (ch2)
Entries 380096

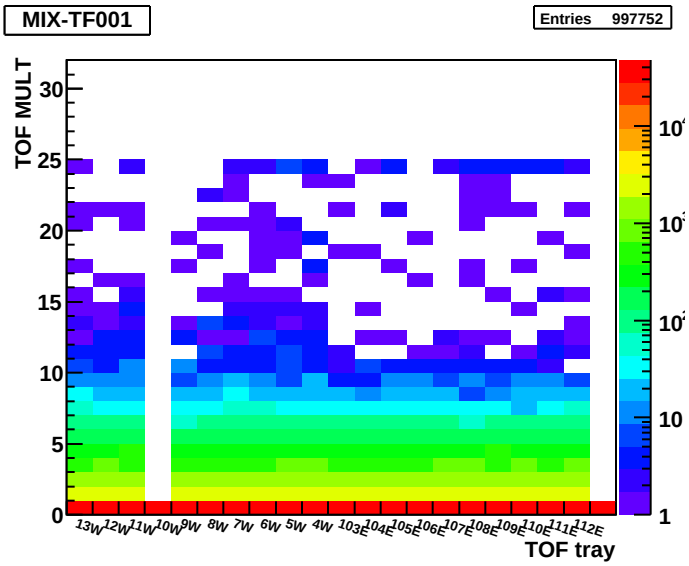

EM201 0-15 (ch3)
Entries 380096
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

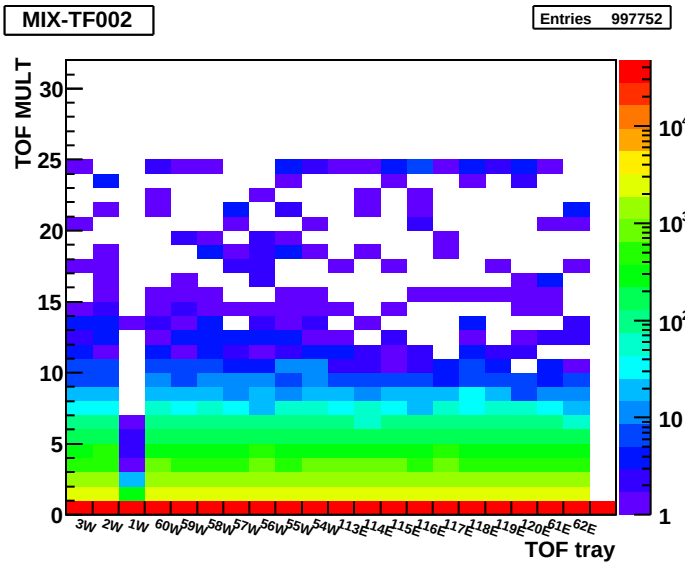

RAT board (ch4)
Entries 380096
rat-0 rat-1 rat-2 rat-3 rat-4 rat-5 rat-6 rat-7 rat-8 rat-9 rat-10 rat-11 rat-12 rat-13 rat-14 rat-15

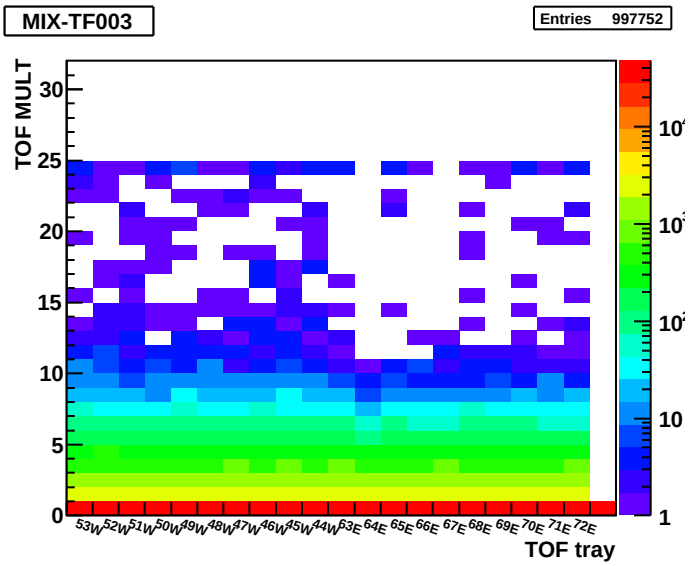

FP201 0-15 (ch5)
Entries 380096
FMSsmallClusTh0 FMSsmallClusTh1 FMSsmallClusTh2 FMSsmallMulClusTh0 FMSsmallMulClusTh1 FMSsmallMulClusTh2 FMSsmallHT FMSlargeClusTh0 FMSlargeClusTh1 FMSlargeClusTh2 FMSlargeMulClusTh0 FMSlargeMulClusTh1 FMSlargeMulClusTh2 FMSlargeHT FPE

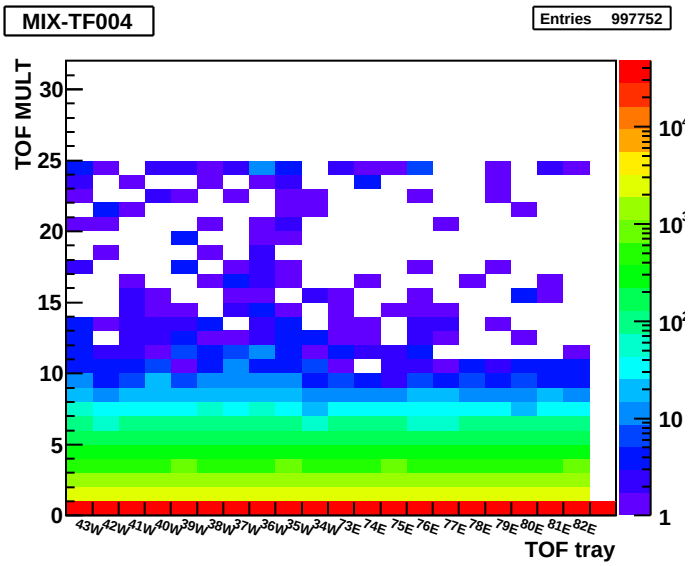

ST201 0-15 (ch6)
Entries 380096
SpcTrgDetBit0 SpcTrgDetBit1 SpcTrgDetBit2 DetCrpBit0 DetCrpBit1 DetCrpBit2 DetCrpBit3 ZeroBias Random

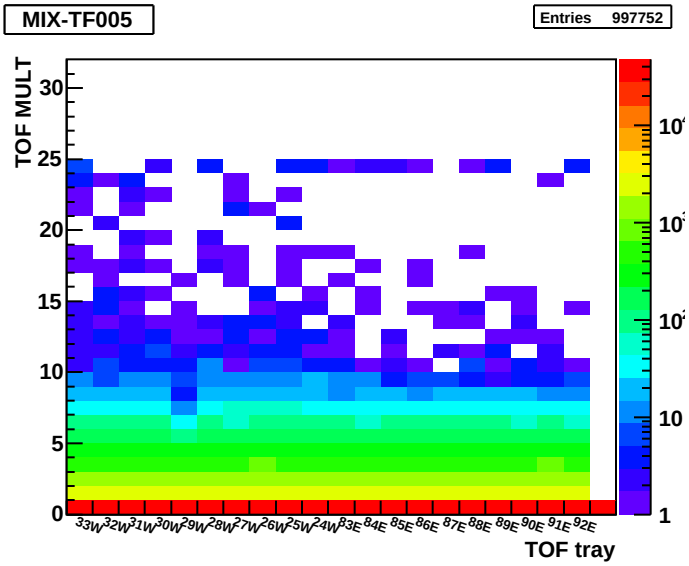

Unused (ch7)
Entries 380096

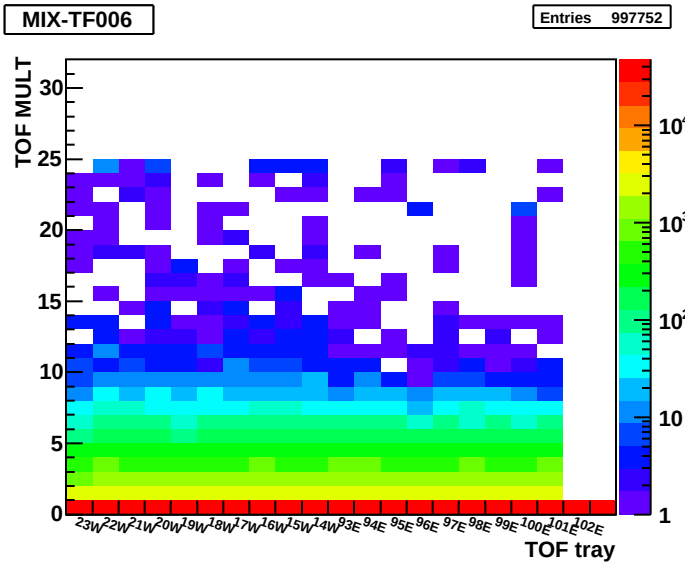

MIX-TF001
Entries 997752
TOF MULT
TOF tray

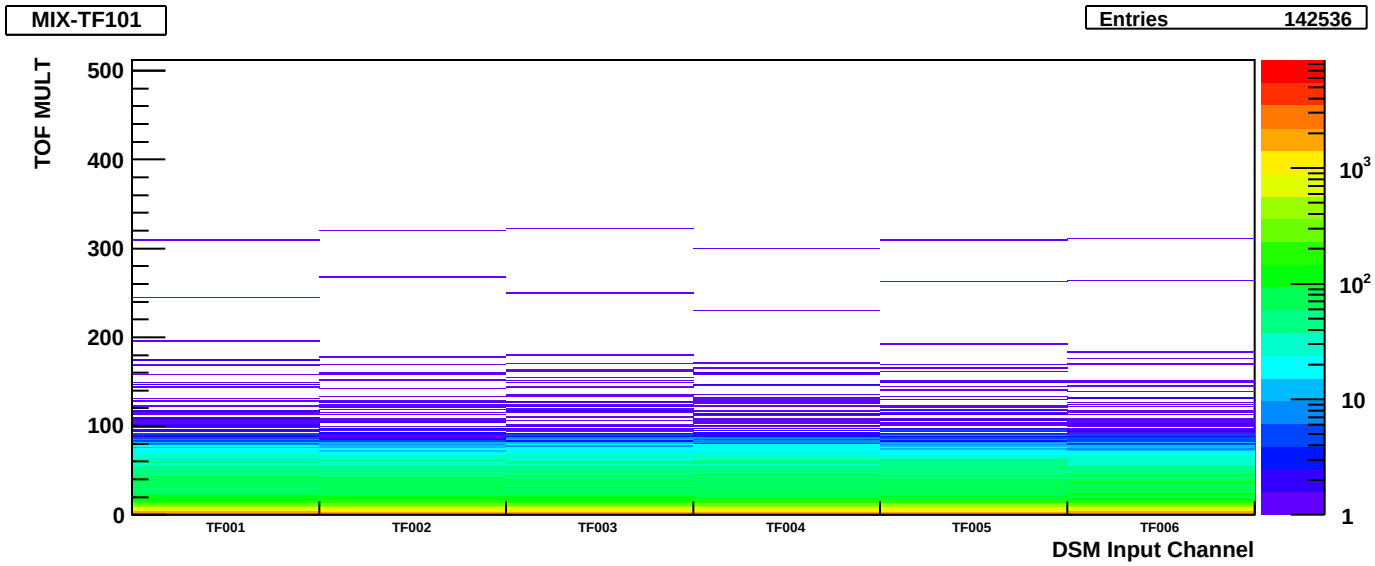

MIX-TF002
Entries 997752
TOF MULT
TOF tray

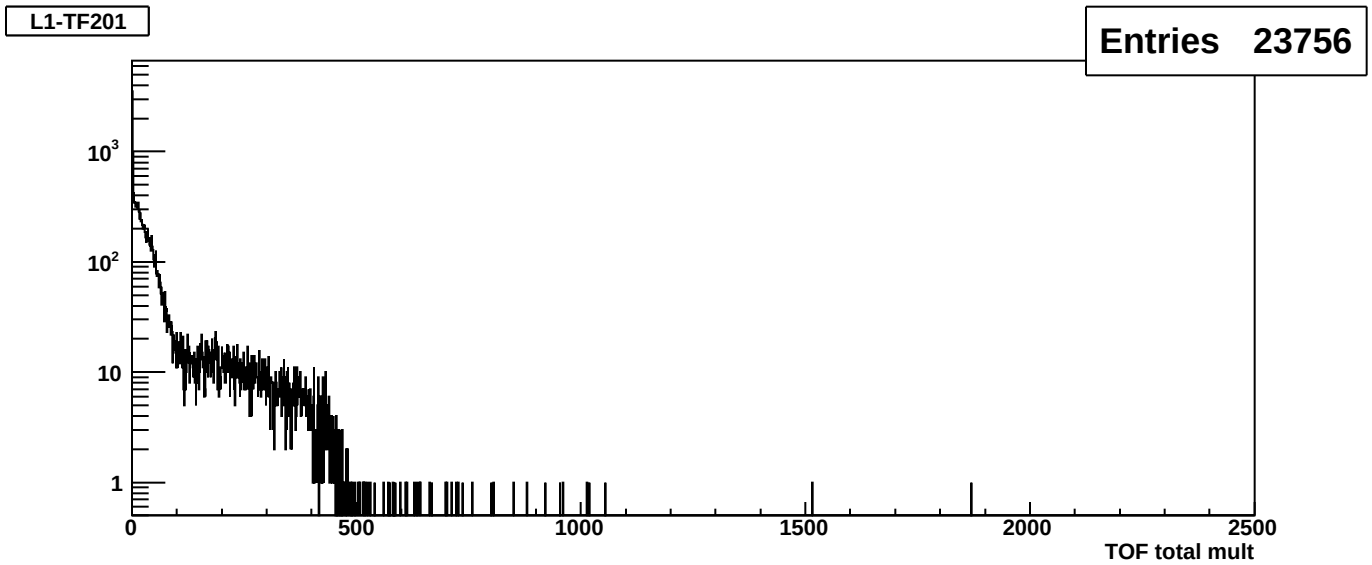

MIX-TF003
Entries 997752
TOF MULT
TOF tray

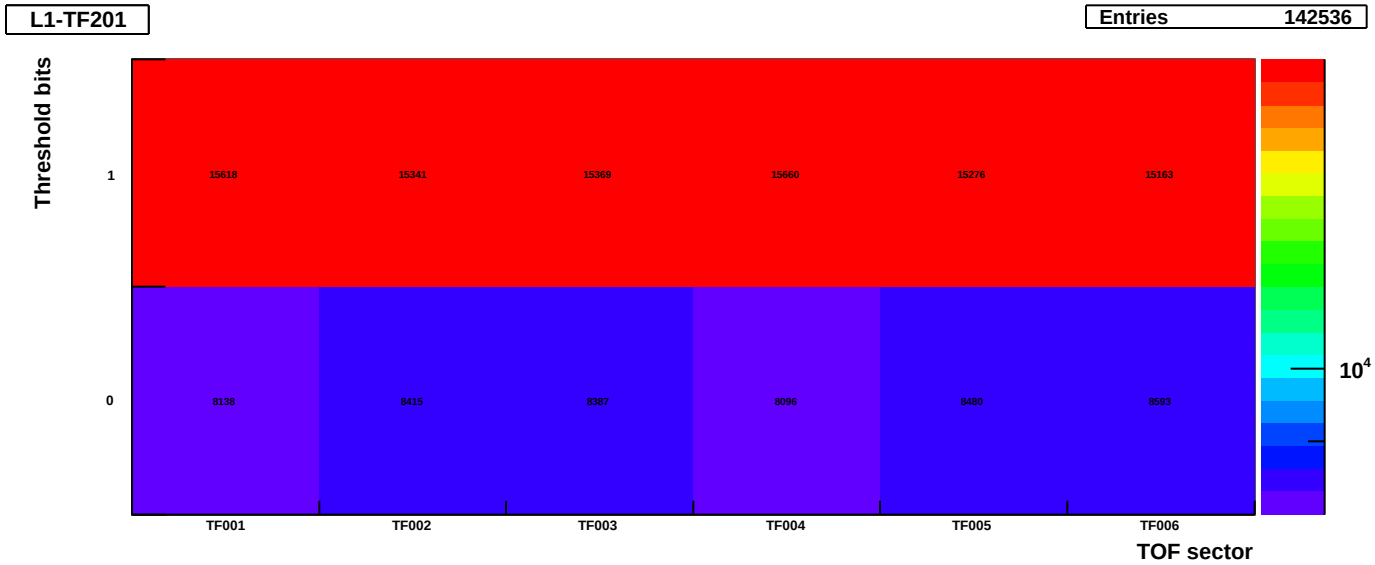

MIX-TF004
Entries 997752
TOF MULT
TOF tray

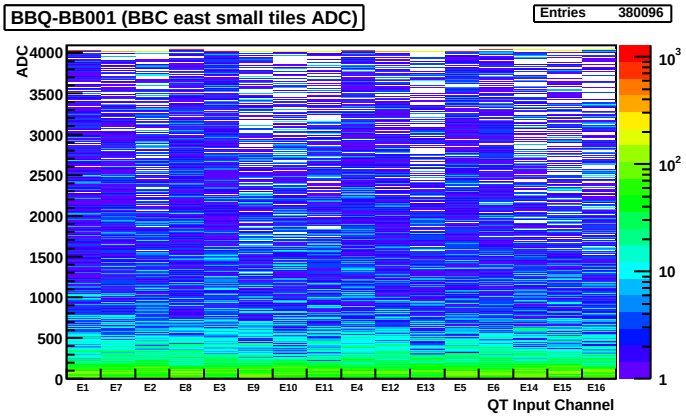

MIX-TF005
Entries 997752
TOF MULT
TOF tray

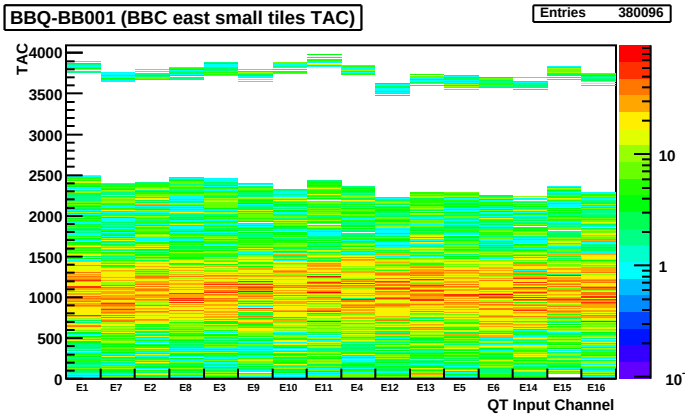

MIX-TF006
Entries 997752
TOF MULT
TOF tray

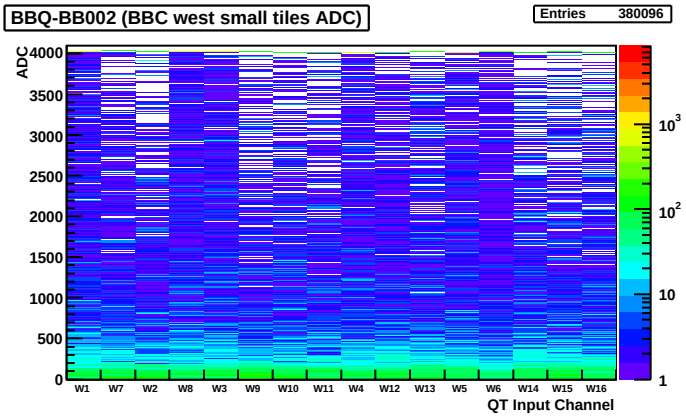

MIX-TF101
Entries 142536
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

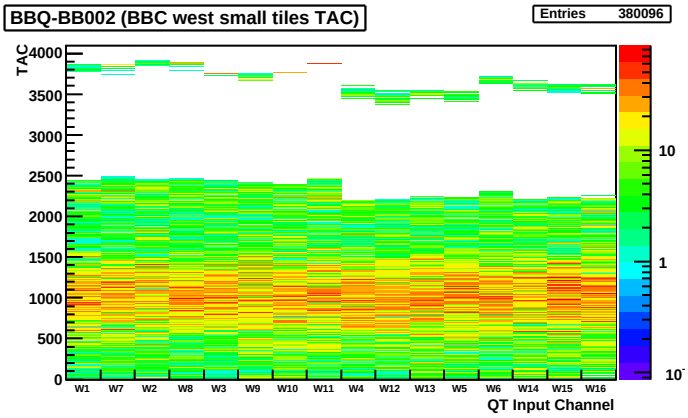

L1-TF201
Entries 23756
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

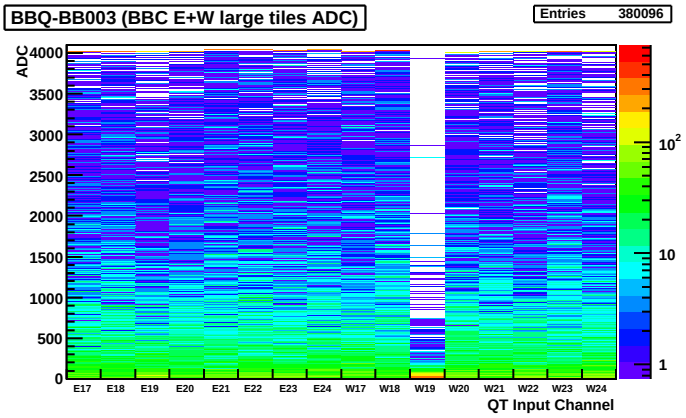

L1-TF201
Entries 142536
Threshold bits
1
0
15618
15341
15369
15660
15276
15163
8138
8415
8387
8096
8480
8593
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4

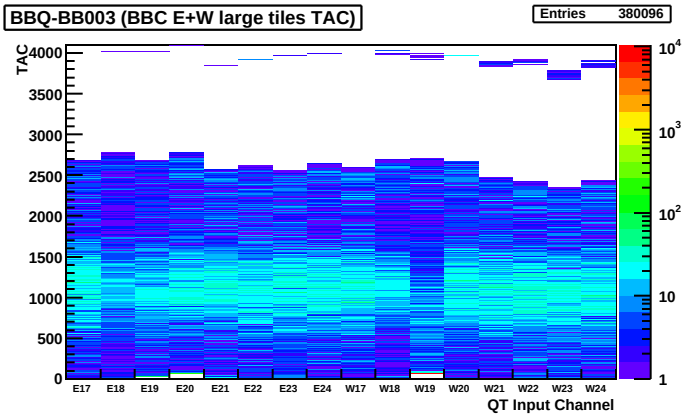

BBQ-BB001 (BBC east small tiles ADC)
Entries 380096
ADC
QT Input Channel

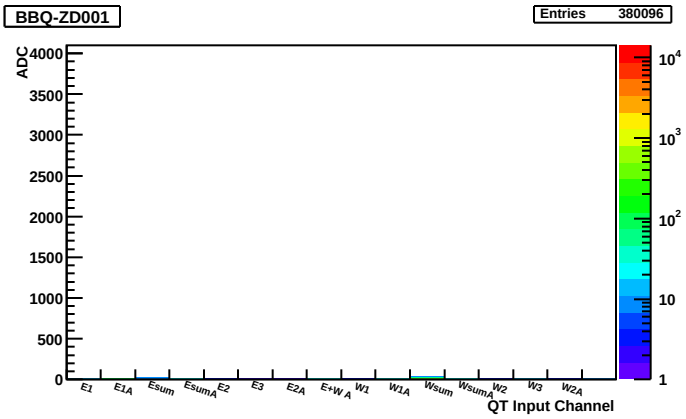

BBQ-BB001 (BBC east small tiles TAC)
Entries 380096
TAC
QT Input Channel

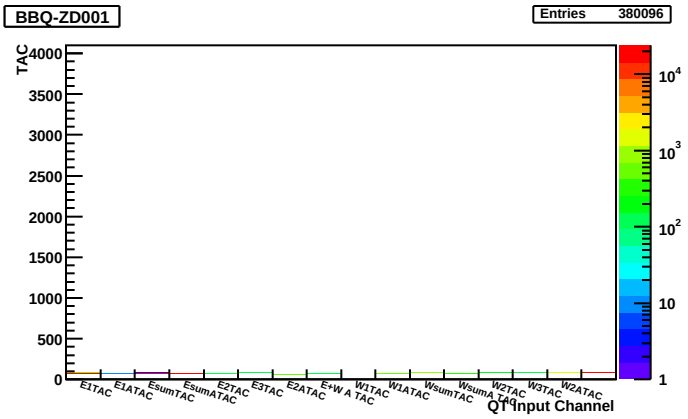

BBQ-BB002 (BBC west small tiles ADC)
Entries 380096
ADC
QT Input Channel

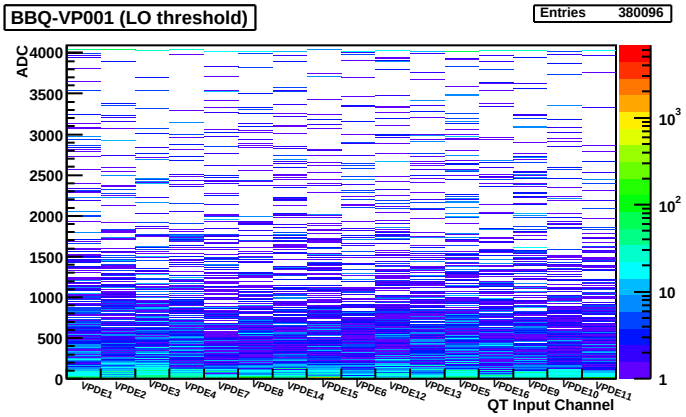

BBQ-BB002 (BBC west small tiles TAC)
Entries 380096
TAC
QT Input Channel

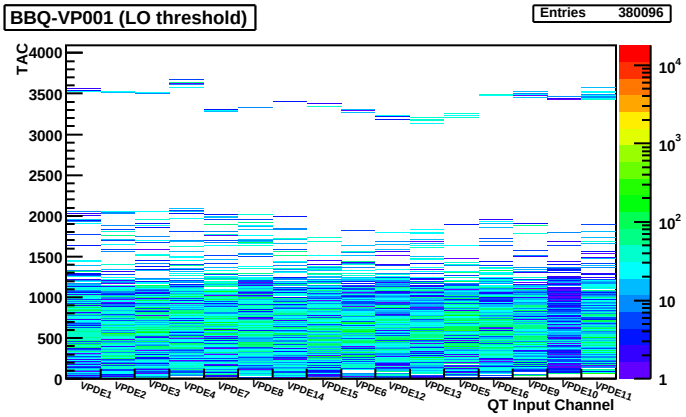

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 380096
ADC
QT Input Channel

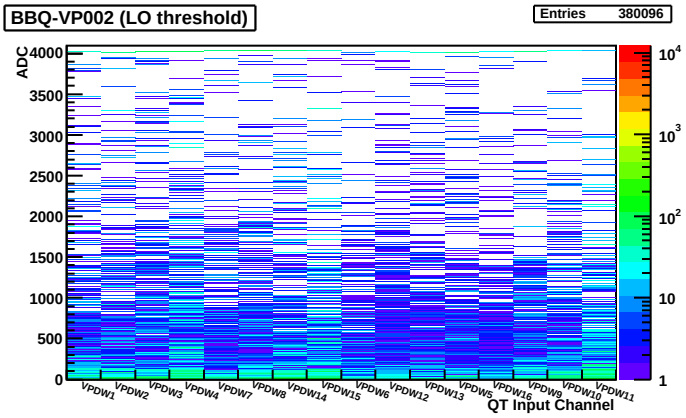

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 380096
TAC
QT Input Channel

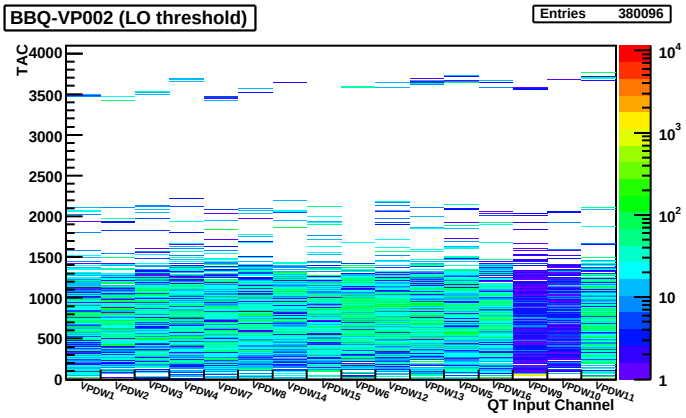

BBQ-ZD001
Entries 380096
ADC
QT Input Channel

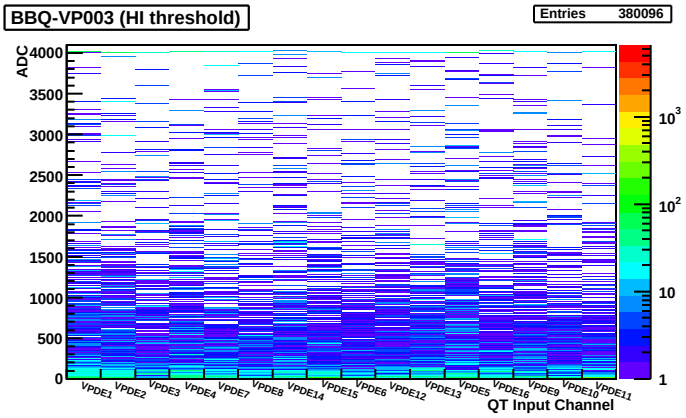

BBQ-ZD001
Entries 380096
TAC
QT Input Channel

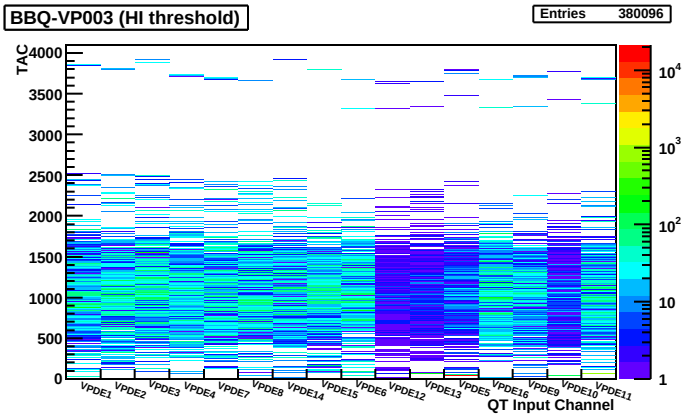

BBQ-VP001 (LO threshold)
Entries 380096
ADC
QT Input Channel

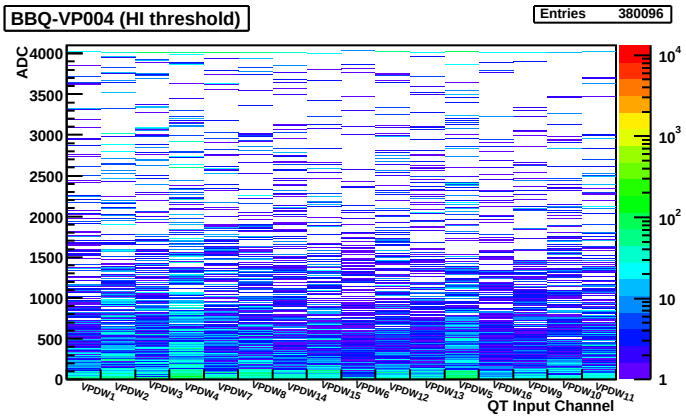

BBQ-VP001 (LO threshold)
Entries 380096
TAC
QT Input Channel

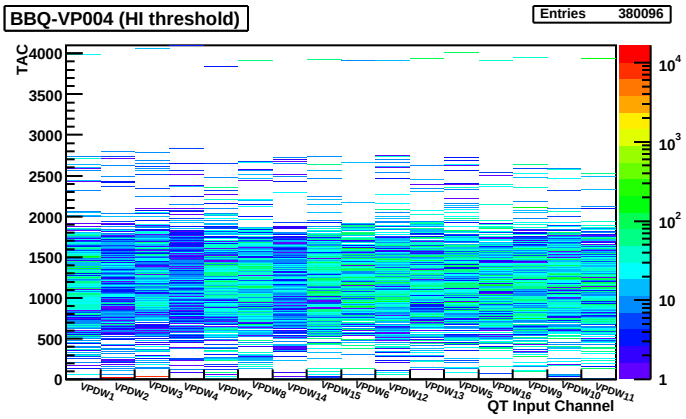

BBQ-VP002 (LO threshold)
Entries 380096
ADC
QT Input Channel

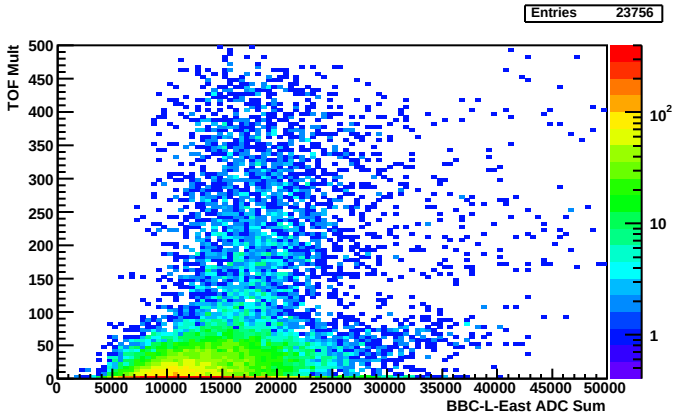

BBQ-VP002 (LO threshold)
Entries 380096
TAC
QT Input Channel

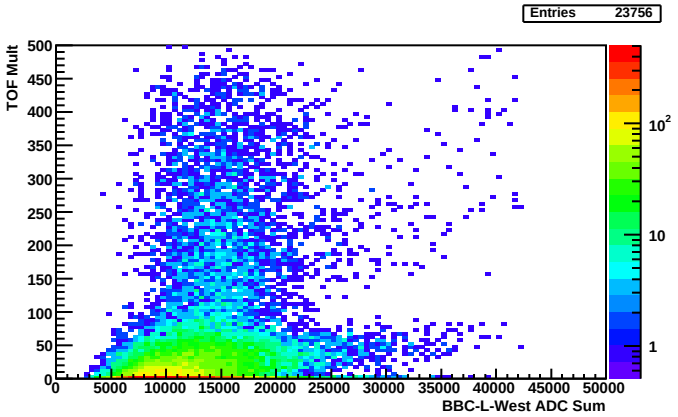

BBQ-VP003 (HI threshold)
Entries 380096
ADC
QT Input Channel

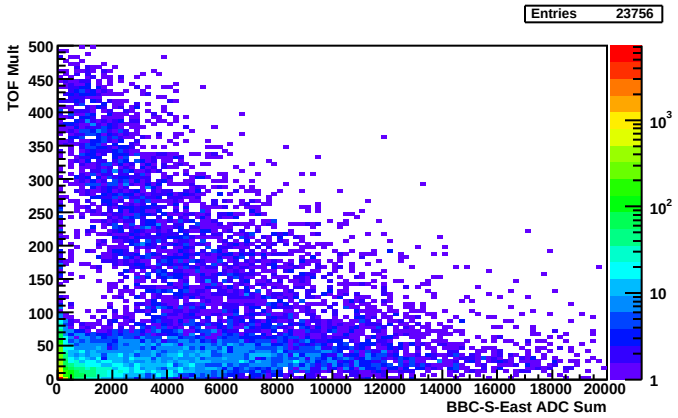

BBQ-VP003 (HI threshold)
Entries 380096
TAC
QT Input Channel

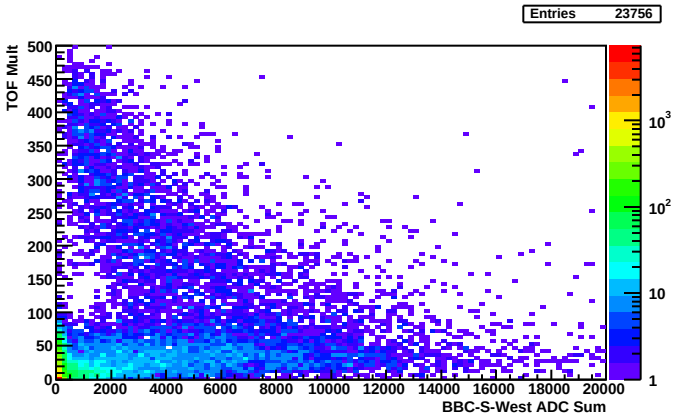

BBQ-VP004 (HI threshold)
Entries 380096
ADC
QT Input Channel

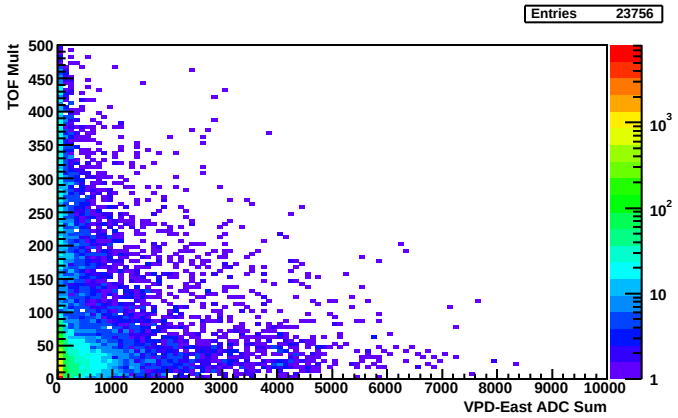

BBQ-VP004 (HI threshold)
Entries 380096
TAC
QT Input Channel

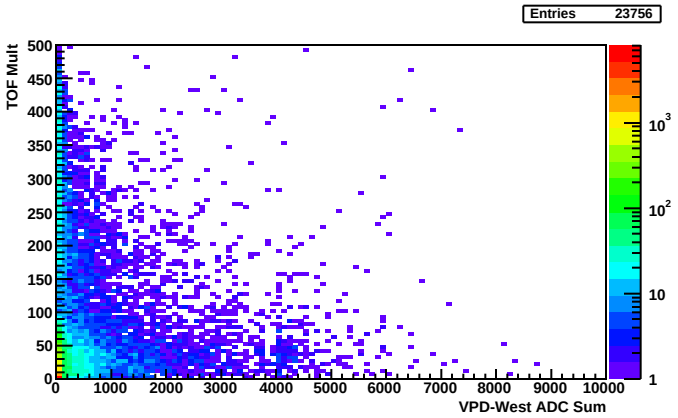

Entries 23756
TOF Mult
BBC-L-East ADC Sum

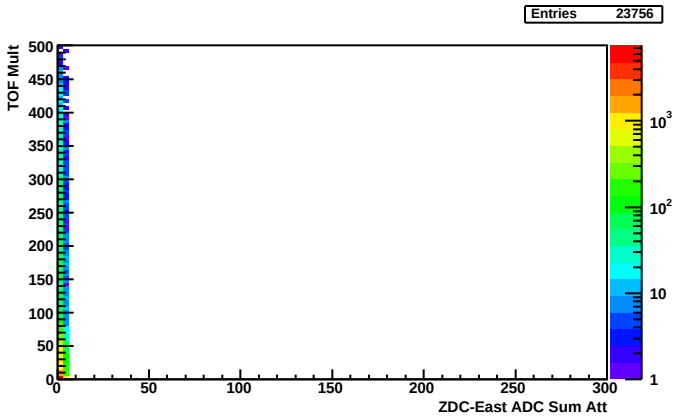

Entries 23756
TOF Mult
BBC-L-West ADC Sum

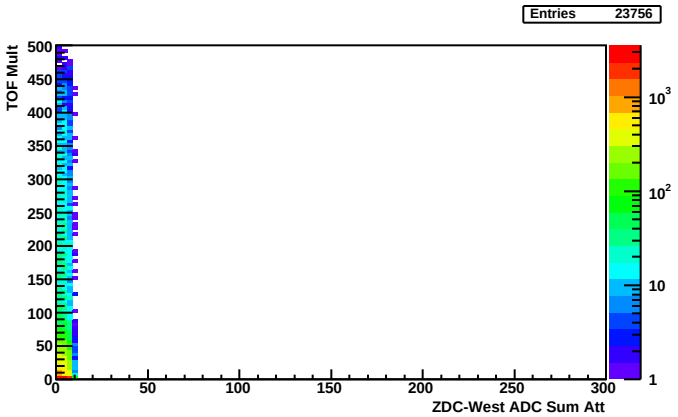

Entries 23756
TOF Mult
BBC-S-East ADC Sum

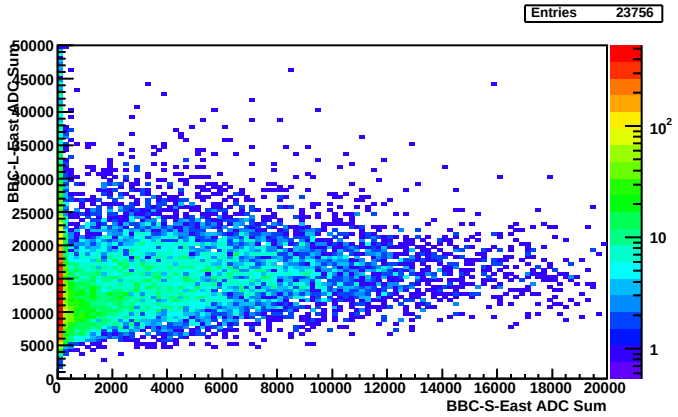

Entries 23756
TOF Mult
BBC-S-West ADC Sum

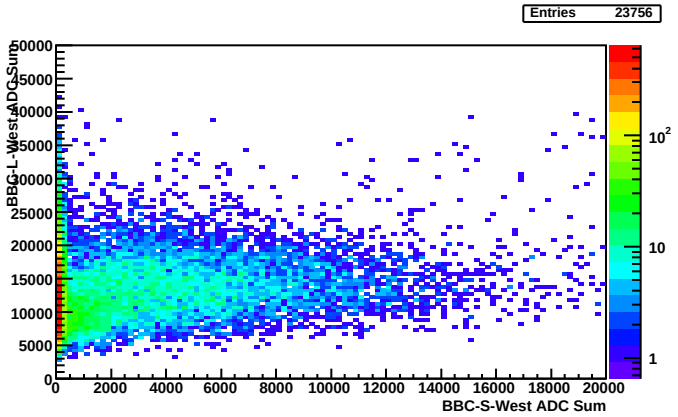

Entries 23756
TOF Mult
VPD-East ADC Sum

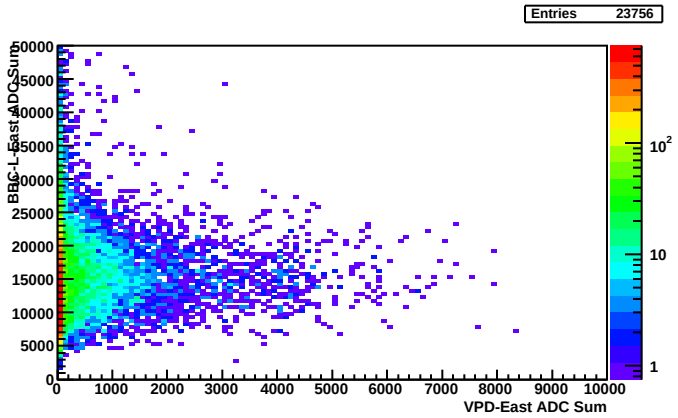

Entries 23756
TOF Mult
VPD-West ADC Sum

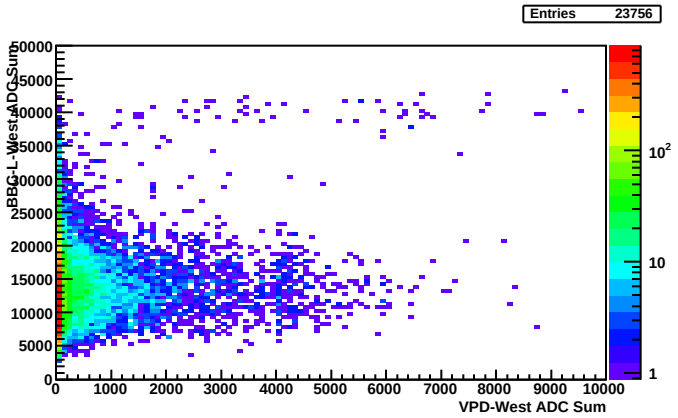

Entries 23756
TOF Mult
ZDC-East ADC Sum Att

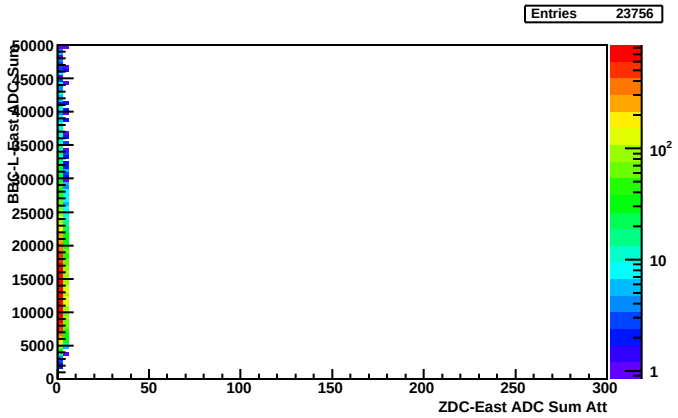

Entries 23756
TOF Mult
ZDC-West ADC Sum Att

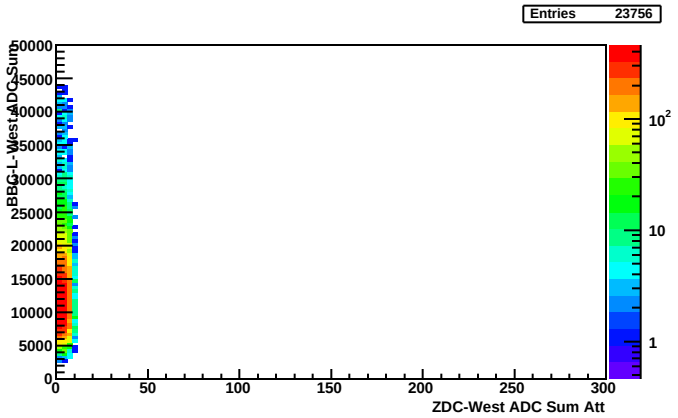

Entries 23756
BBC-L-East ADC Sum
BBC-S-East ADC Sum

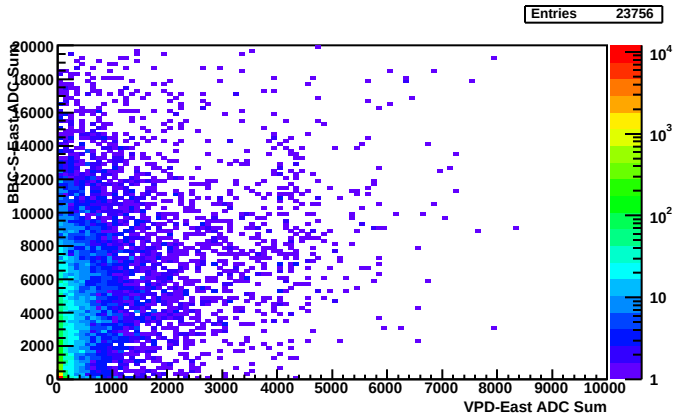

Entries 23756
BBC-L-West ADC Sum
BBC-S-West ADC Sum

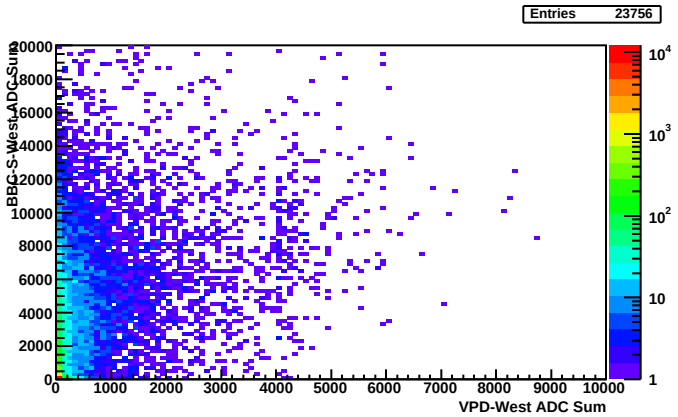

Entries 23756
BBC-L-East ADC Sum
VPD-East ADC Sum

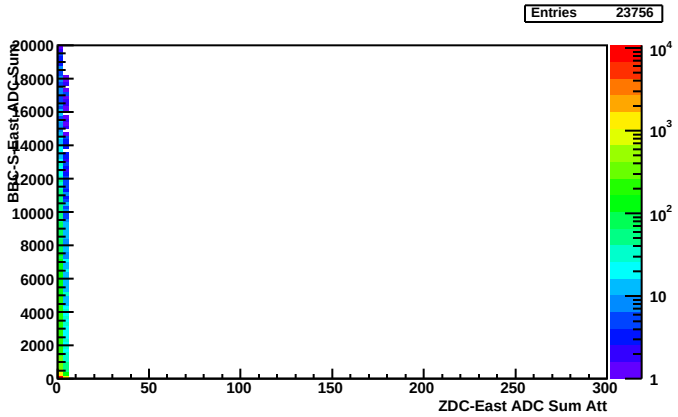

Entries 23756
BBC-L-West ADC Sum
VPD-West ADC Sum

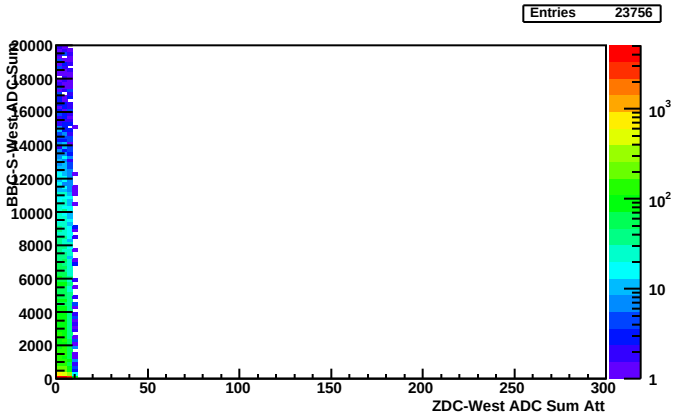

Entries 23756
BBC-L-East ADC Sum
ZDC-East ADC Sum Att

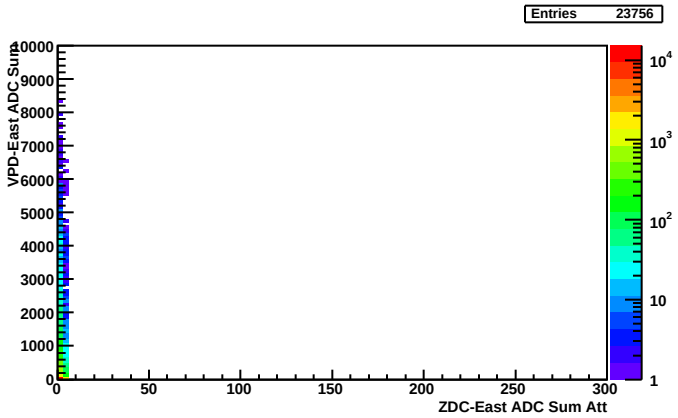

Entries 23756
BBC-L-West ADC Sum
ZDC-West ADC Sum Att

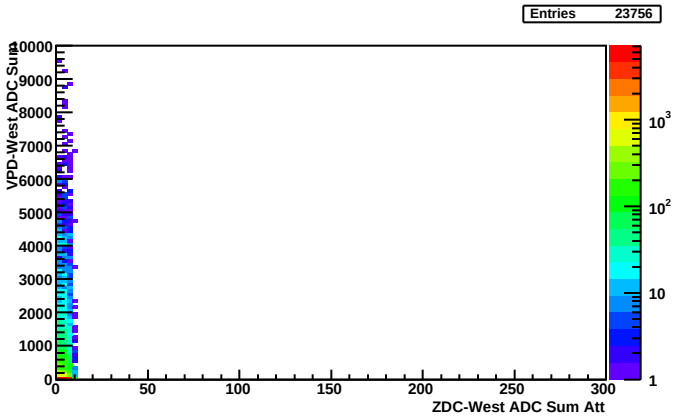

Entries 23756
BBC-S-East ADC Sum
VPD-East ADC Sum

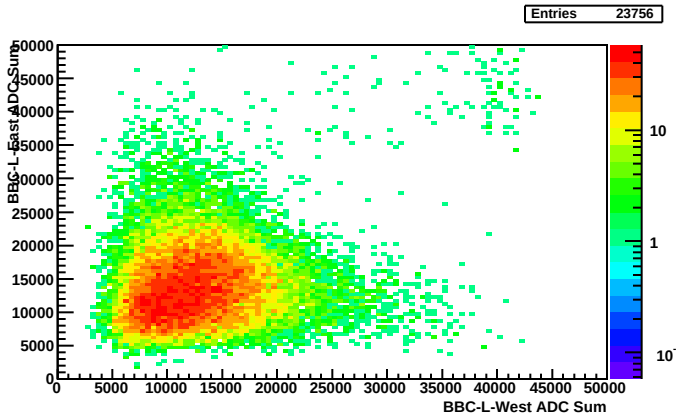

Entries 23756
BBC-S-West ADC Sum
VPD-West ADC Sum

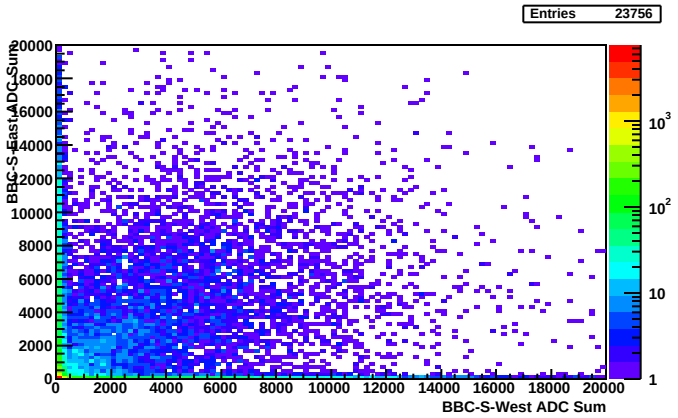

Entries 23756
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

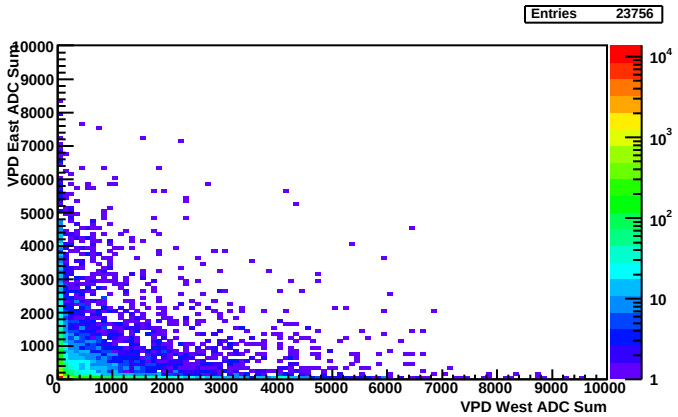

Entries 23756
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

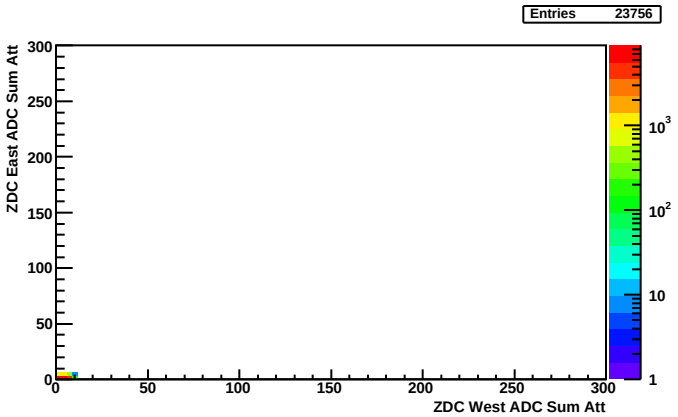

Entries 23756
VPD-East ADC Sum
ZDC-East ADC Sum Att

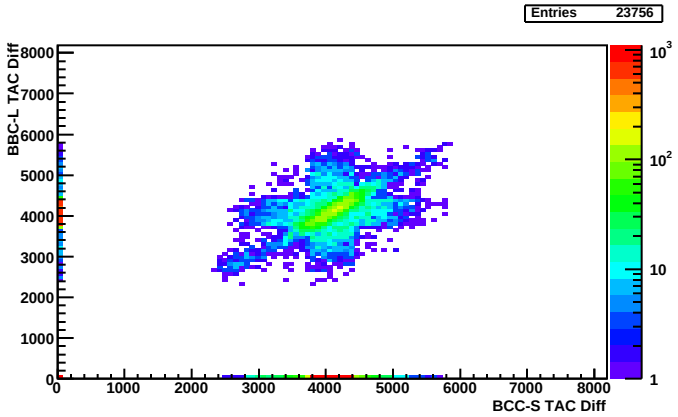

Entries 23756
VPD-West ADC Sum
ZDC-West ADC Sum Att

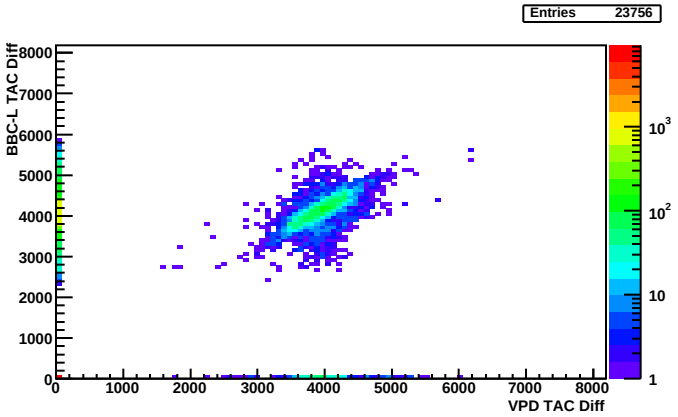

Entries 23756
BBC-L-East ADC Sum
BBC-L-West ADC Sum

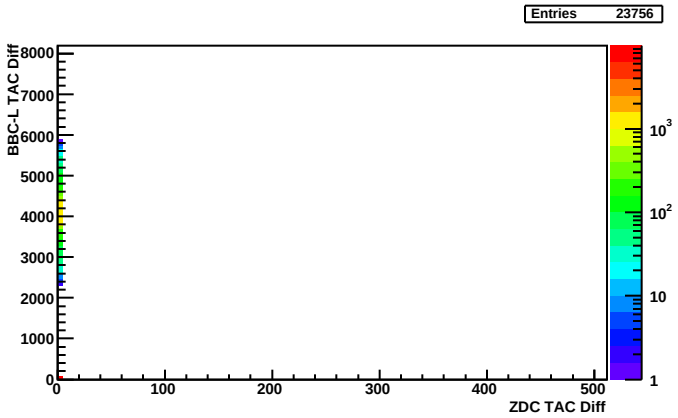

Entries 23756
BBC-S-East ADC Sum
BBC-S-West ADC Sum

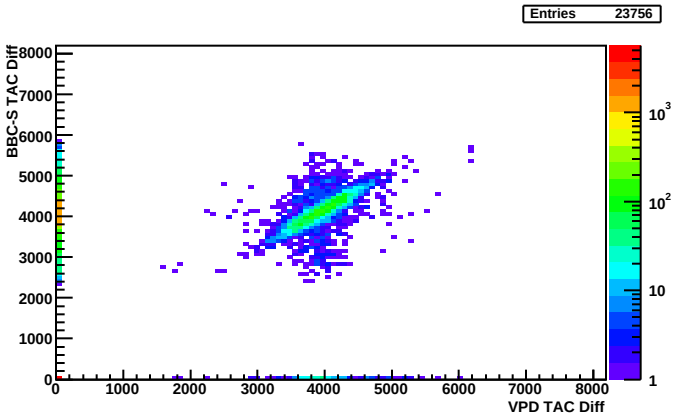

Entries 23756
VPD East ADC Sum
VPD West ADC Sum


Entries 23756
ZDC East ADC Sum Att
ZDC West ADC Sum Att


Entries 23756
BBC-L TAC Diff
BCC-S TAC Diff


Entries 23756
BBC-L TAC Diff
VPD TAC Diff


Entries 23756
BBC-L TAC Diff
ZDC TAC Diff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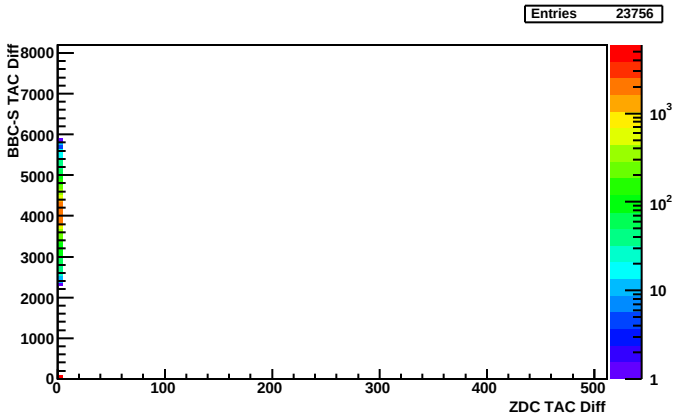
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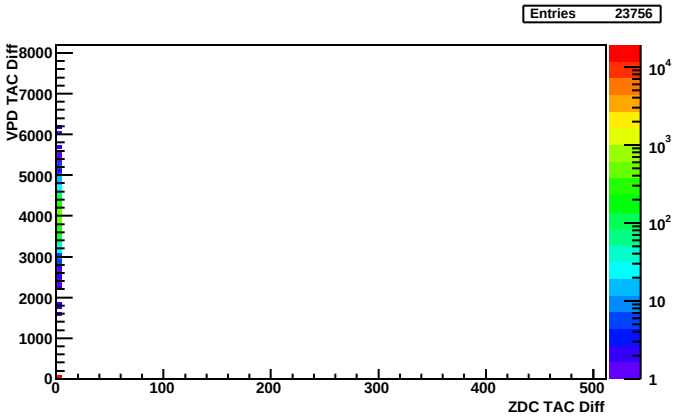
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VPD TAC Diff
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