

0 lepton  
signal region

1 muon  
control region

2 lepton  
control region

W/Z mass  
window

W/Z mass  
side-band

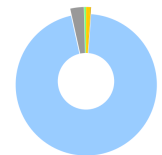
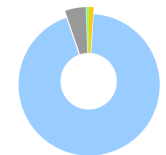
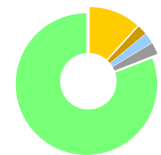
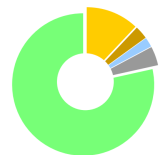
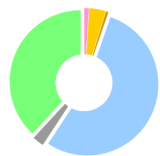
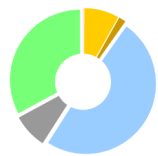
W/Z mass  
window

W/Z mass  
side-band

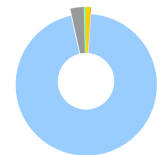
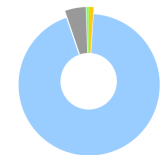
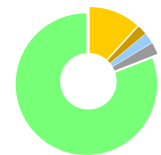
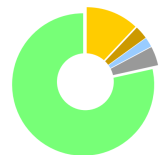
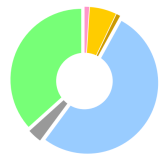
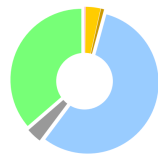
W/Z mass  
window

W/Z mass  
side-band

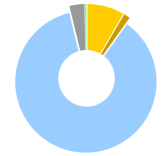
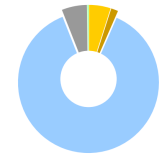
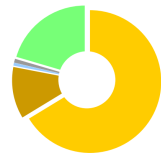
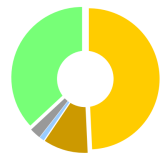
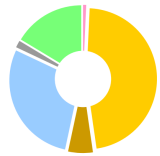
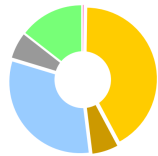
merged  
0 b-tag  
high  
purity



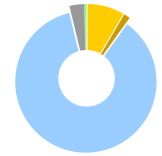
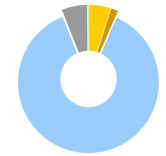
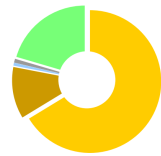
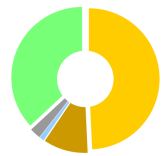
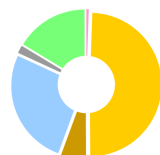
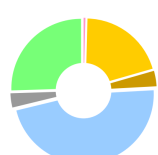
merged  
0 b-tag  
low  
purity



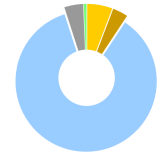
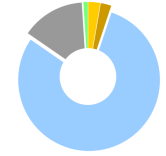
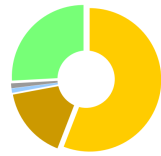
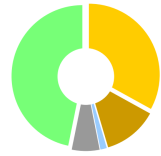
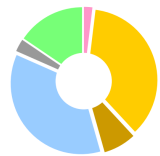
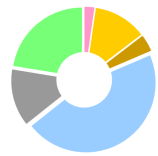
merged  
1 b-tag  
high  
purity



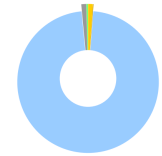
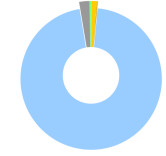
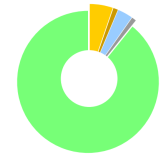
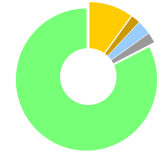
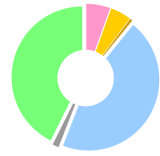
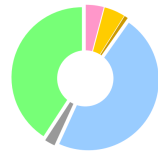
merged  
1 b-tag  
low  
purity



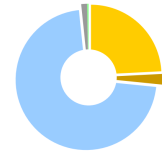
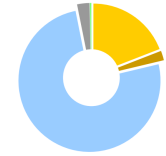
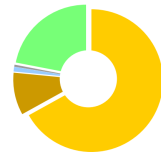
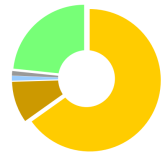
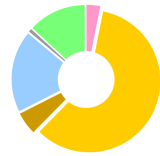
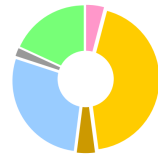
merged  
2 b-tag



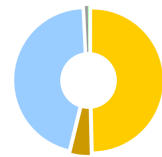
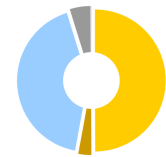
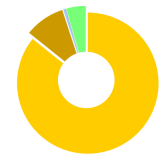
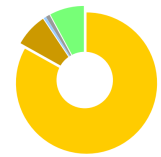
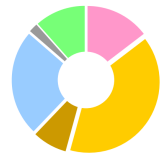
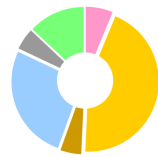
resolved  
0 b-tag



resolved  
1 b-tag



resolved  
2 b-tag



Multijet

WW/WZ/ZZ

W + jets

$t\bar{t}$

single  $t$

Z + jets