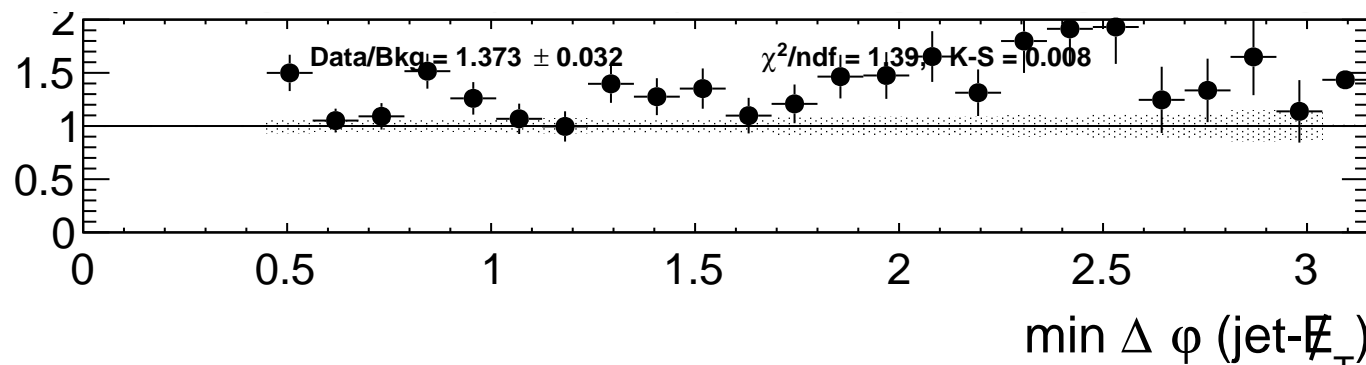
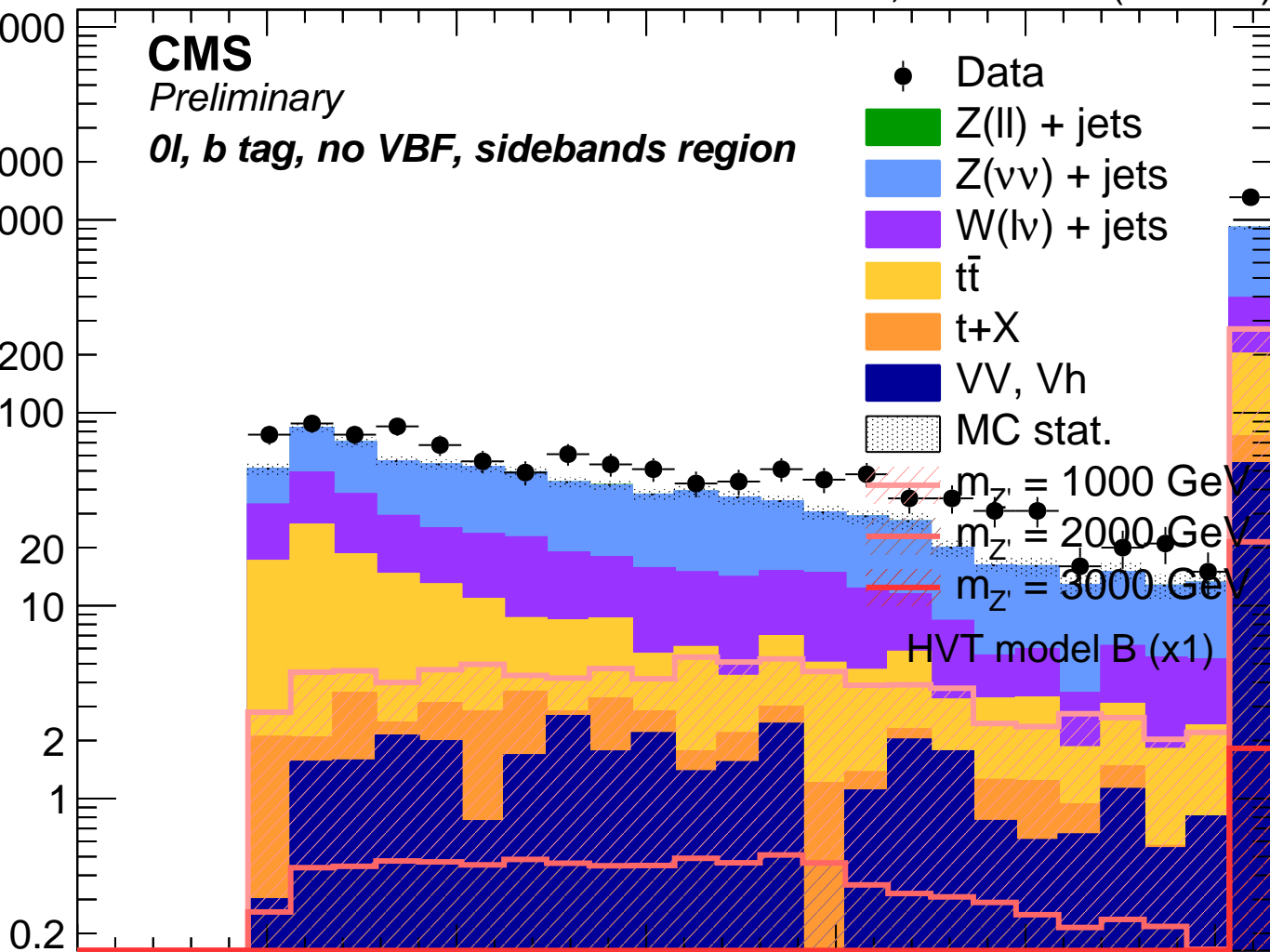


**CMS***Preliminary****0l, b tag, no VBF, sidebands region***

- Data
- Z(l $\bar{l}$ ) + jets
- Z( $\nu\nu$ ) + jets
- W(l $\bar{\nu}$ ) + jets
- $t\bar{t}$
- t+X
- VV, Vh
- MC stat.

$m_{Z'} = 1000$  GeV  
 $m_{Z'} = 2000$  GeV  
 $m_{Z'} = 3000$  GeV  
 HVT model B (x1)

min  $\Delta \phi$  (jet- $\ell_T$ )