

2017, 41.5 fb<sup>-1</sup> (13 TeV)

**CMS**

*Preliminary*

**2 $\mu$ ,  $b$  tag, no VBF, sidebands region**

• Data  
 Z(ll) + jets  
 Z(vv) + jets  
 W(lv) + jets

tt  
 t+X  
 VV, Vh  
 MC stat.

$m_{Z'} = 1000$  GeV  
 $m_{Z'} = 2000$  GeV  
 $m_{Z'} = 3000$  GeV

HVT model B (x1)

