

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

EVENTS

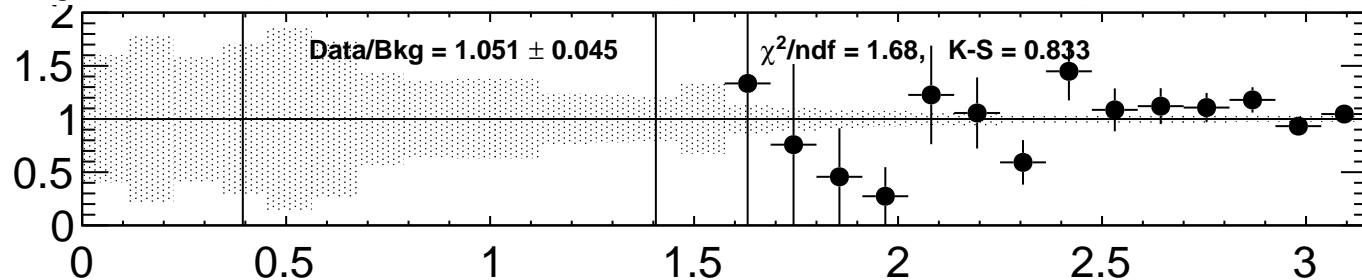
**CMS**

*Preliminary*

**2 $\mu$ , no  $b$  tag, 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)



$\Delta \phi$  (Z-AK8 jet)