

35.9 fb<sup>-1</sup> (13 TeV)**CMS** $600 < p_{\text{T}} < 675$  GeV

Deep AK8

Passing region

--- W

... Z

- - -  $t\bar{t}$ 

--- Multijet

Total background

Data

Events / 7 GeV

 $\frac{\text{Data} - (\text{Multijet} + t\bar{t})}{\sigma_{\text{Data}}}$  $\sigma_{\text{Data}}$  $m_{\text{SD}}$  (GeV)