

35.5 fb⁻¹ (13 TeV)**CMS**

$500 < p_T < 550$ GeV
Deep double-b tagger
Passing region

--- W
... Z
- - - $t\bar{t}$
--- Multijet
▒ Total background
■ H($b\bar{b}$)
● Data

Events / 7 GeV

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