

CMS

35.9 fb⁻¹ (13 TeV)

 χ^2

400

200

0

[$N_{\text{jet}}^{0,1+}, M(t\bar{t}), y(t\bar{t})$], dof = 23, data and PDF unc.

$m_t^{\text{pole}} \pm \Delta m_t^{\text{pole}} / \text{GeV}$, HERAPDF20 [χ_{min}^2]

○ 170.83 ± 0.66 $\alpha_s = 0.118$ [28]

⊕ 170.18 ± 0.65 $\alpha_s = 0.113$ [41]

☆ 171.40 ± 0.66 $\alpha_s = 0.123$ [32]

170

175

 m_t^{pole} [GeV]