

$\sqrt{s} = 13 \text{ TeV}, L = 4 \text{ fb}^{-1}$

Events

0.4

0.2

0

0

1

2

3

$500 \leq p_{\text{T}}(j_{\text{ISR}}), N_{\text{b}} \geq 1, N_{\text{b}_1} = 1$

$M_{\text{T}}(b_{1,2}, \cancel{E}_{\text{T}}) < 100, p_{\text{T}}(b) < 40$

● Data

■ Smeared QCD MC

■ Non-QCD bkg

— With orig. QCD MC

— T2tt(400, 313)

— T2tt(600, 300)

— T2tt(800, 100)

— T2fbd(400, 350)

$\min(\Delta\phi^*(j_{1,2,3}, \cancel{E}_{\text{T}}))$

