

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

Events

● Data

■ Smeared QCD MC

■ Non-sQCD bkg

■ With Orig. QCD MC

— T2fbd(400, 350)

⋯ $\Delta\phi^* < 0.35$

⋯ $\Delta\phi^* < 0.1$

$(E_T + j_{123}) < 300, N_b \geq 1, N_{b_1} \geq 2, 500 \leq p_T(j_{123})$

$M_T(b_1, E_T) < 100, 100 \leq p_T(b_1) + p_T(b_2) < 160$

0.2

0.15

0.1

0.05

0

0

1

2

3

$\min(\Delta\phi^*(j_{1,2,3}, E_T))$