

2.3 fb<sup>-1</sup> (13 TeV)

Events

**CMS**

*Preliminary*

300 ≤ (E<sub>T</sub> + jet) < 500, M<sub>T</sub>(b<sub>1,2</sub>, E<sub>T</sub>) ≥ 175  
 N<sub>b</sub> ≥ 2, N<sub>j</sub> ≥ 7, N<sub>t</sub> = 0, N<sub>w</sub> = 0

● Data

■ Smeared QCD MC

■ Non-QCD bkg

■ With orig. QCD MC

— T2tt(400, 313)

— T2tt(600, 300)

— T2tt(800, 100)

..... Δφ > 0.5

40

20

0

0

1

2

3

min(Δφ(j<sub>1,2,3</sub>, E<sub>T</sub>))

