

Ratio to CT14

anti-k_t R = 0.7

|y| < 2.5

 $\eta_j \geq 2$

—•— Data/NP

- - - CT14 $\alpha_s(M_z) = 0.111$ - Min. Value— CT14 $\alpha_s(M_z) = 0.118$ - - - CT14 $\alpha_s(M_z) = 0.123$ - Max. Value

1.5

1

0.5

300

400

500

600

1000

1680

 $H_{T,2}/2$ (GeV)