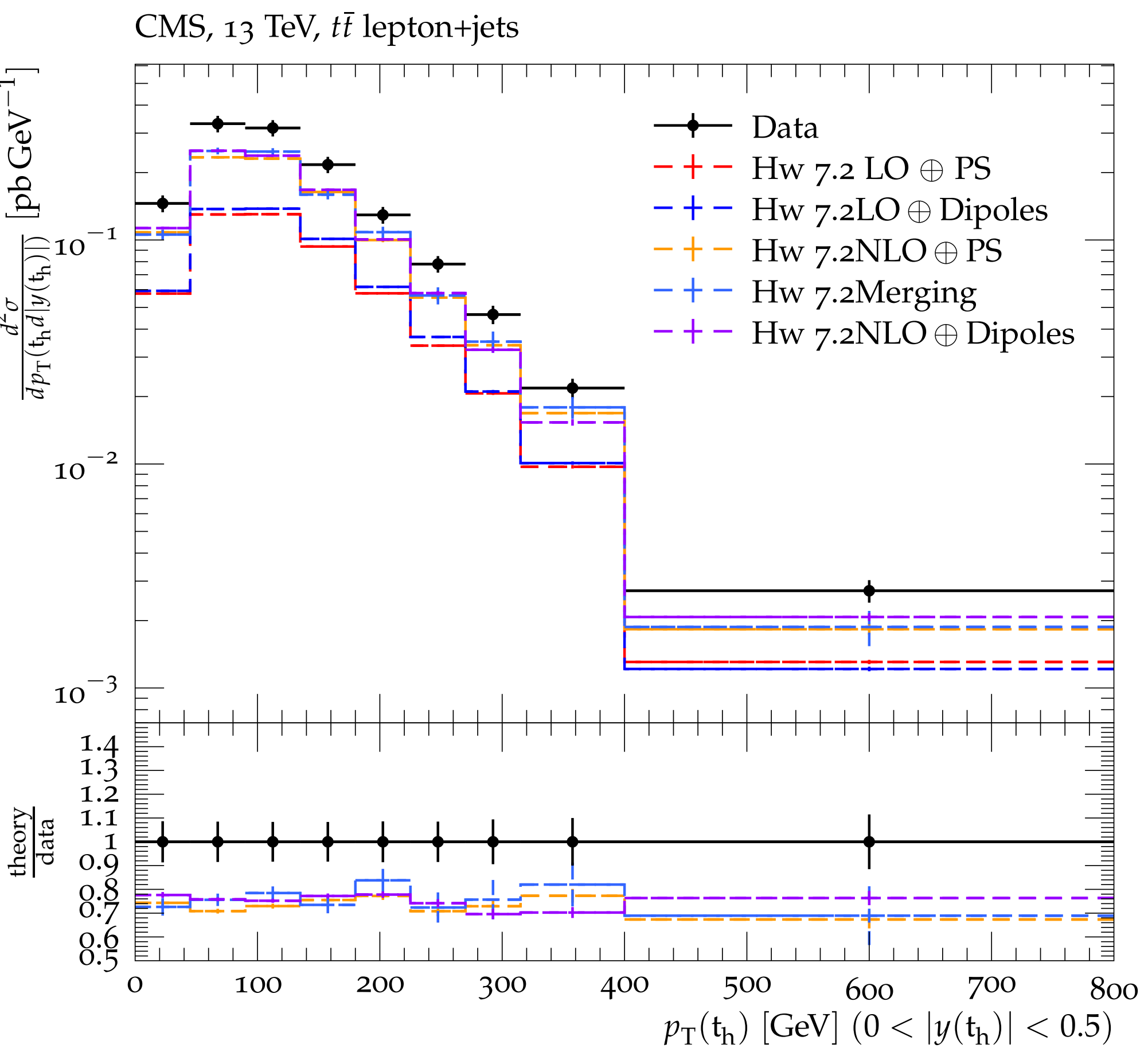
CMS, 13 TeV, $t\bar{t}$ lepton+jets
Data
Hw 7.2 LO ⊕ PS
Hw 7.2LO ⊕ Dipoles
Hw 7.2NLO ⊕ PS
Hw 7.2Merging
Hw 7.2NLO ⊕ Dipoles
$\frac{d^2\sigma}{dp_T(t_h)d|y(t_h)|}$ [pb GeV^{-1}]
10^{-1}
10^{-2}
10^{-3}
$\frac{\text{theory}}{\text{data}}$
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0
100
200
300
400
500
600
700
800
$p_T(t_h)$ [GeV] $(0 < |y(t_h)| < 0.5)$