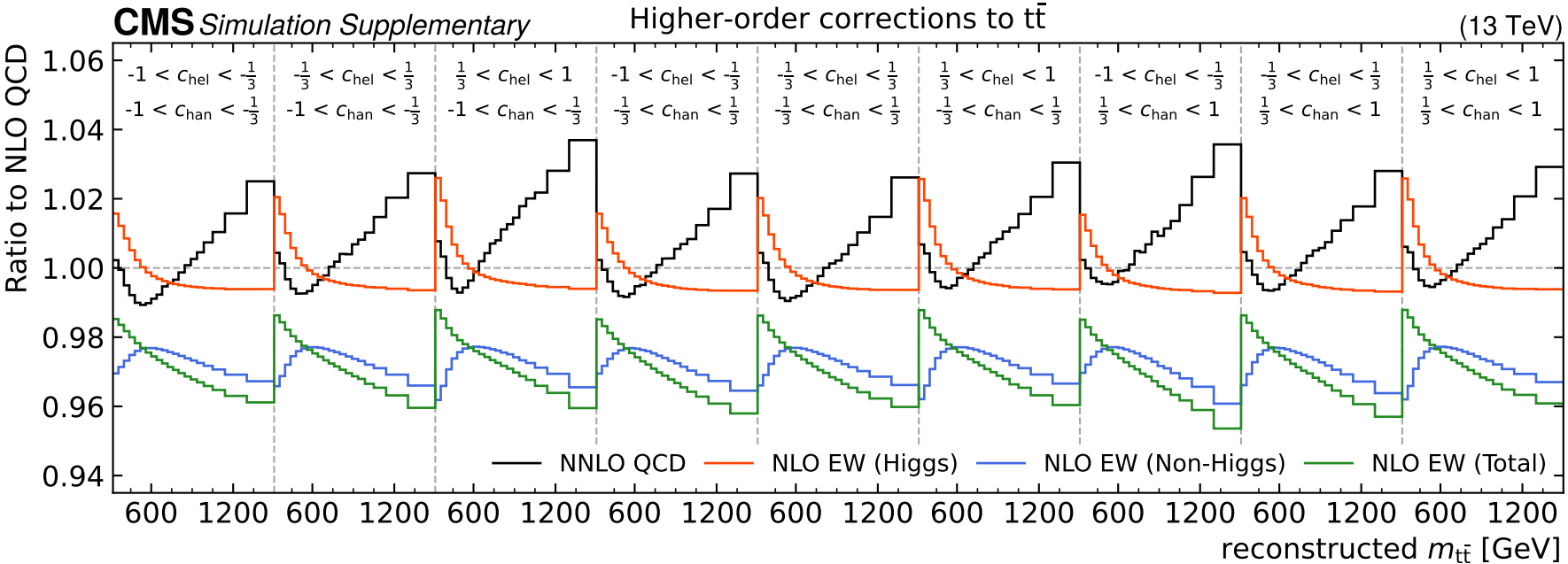
CMS Simulation Supplementary
Higher-order corrections to $t\bar{t}$
(13 TeV)
Ratio to NLO QCD
1.06
1.04
1.02
1.00
0.98
0.96
0.94
$-1 < c_{hel} < -\frac{1}{3}$, $-1 < c_{han} < -\frac{1}{3}$
$-\frac{1}{3} < c_{hel} < \frac{1}{3}$, $-1 < c_{han} < -\frac{1}{3}$
$\frac{1}{3} < c_{hel} < 1$, $-1 < c_{han} < -\frac{1}{3}$
$-1 < c_{hel} < -\frac{1}{3}$, $-\frac{1}{3} < c_{han} < \frac{1}{3}$
$-\frac{1}{3} < c_{hel} < \frac{1}{3}$, $-\frac{1}{3} < c_{han} < \frac{1}{3}$
$\frac{1}{3} < c_{hel} < 1$, $-\frac{1}{3} < c_{han} < \frac{1}{3}$
$-1 < c_{hel} < -\frac{1}{3}$, $\frac{1}{3} < c_{han} < 1$
$-\frac{1}{3} < c_{hel} < \frac{1}{3}$, $\frac{1}{3} < c_{han} < 1$
$\frac{1}{3} < c_{hel} < 1$, $\frac{1}{3} < c_{han} < 1$
NNLO QCD
NLO EW (Higgs)
NLO EW (Non-Higgs)
NLO EW (Total)
600 1200 600 1200 600 1200 600 1200 600 1200 600 1200 600 1200 600 1200 600 1200
reconstructed $m_{t\bar{t}}$ [GeV]