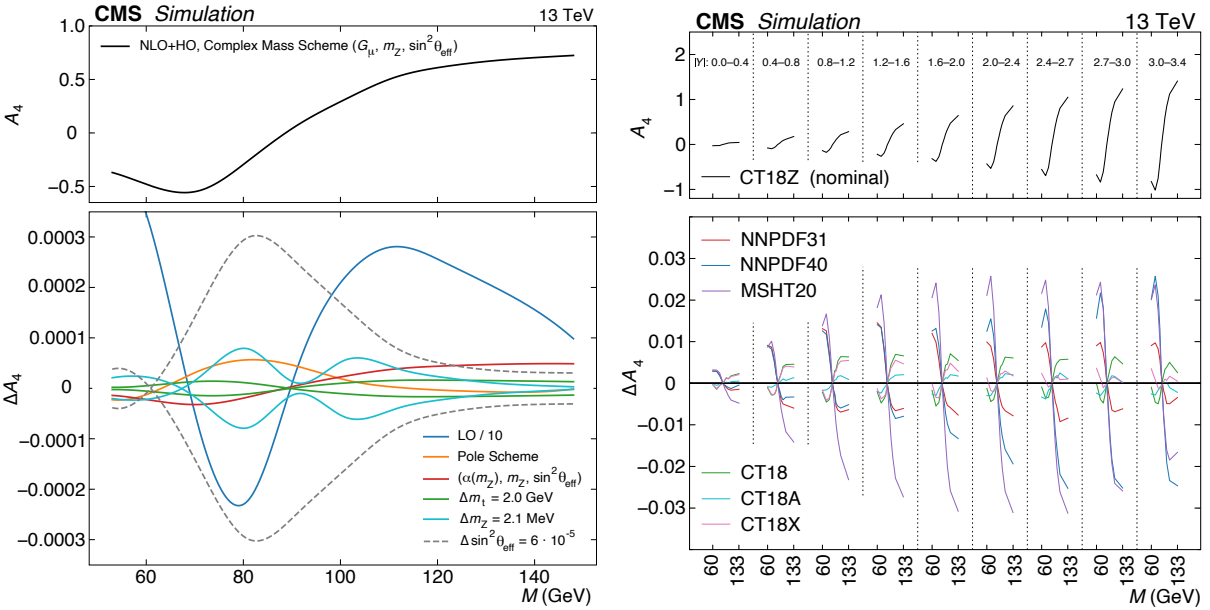
CMS Simulation
13 TeV
NLO+HO, Complex Mass Scheme (G_μ, m_Z, $\sin^2\theta_{eff}$)
A_4
ΔA_4
LO / 10
Pole Scheme
($\alpha(m_Z)$, m_Z, $\sin^2\theta_{eff}$)
Δm_t = 2.0 GeV
Δm_Z = 2.1 MeV
$\Delta \sin^2\theta_{eff} = 6 \cdot 10^{-5}$
M (GeV)
CMS Simulation
13 TeV
|Y|: 0.0–0.4
0.4–0.8
0.8–1.2
1.2–1.6
1.6–2.0
2.0–2.4
2.4–2.7
2.7–3.0
3.0–3.4
CT18Z (nominal)
NNPDF31
NNPDF40
MSHT20
CT18
CT18A
CT18X
M (GeV)