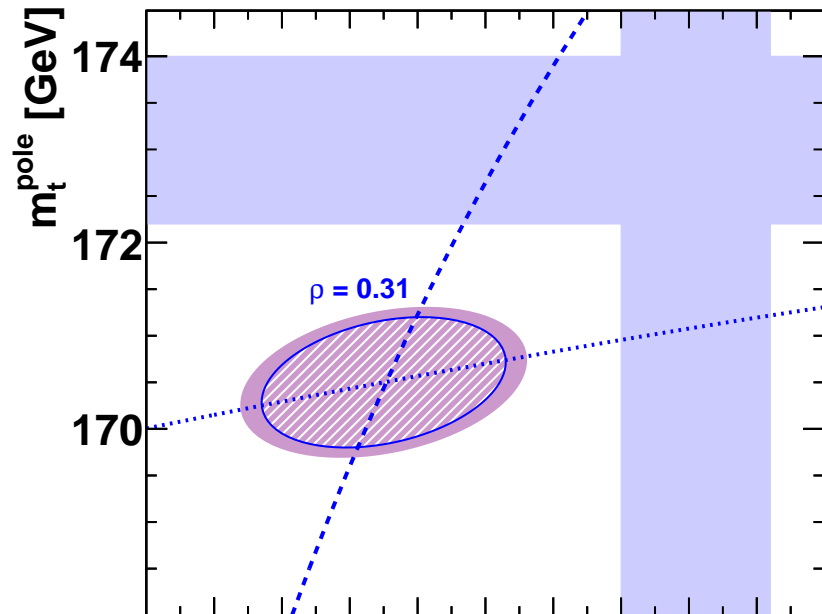


CMS



NLO QCD [MadGraph5_aMC@NLO+
aMCfast+ApplGrid+xFitter]

- HERA
- HERA + $t\bar{t}$
- HERA + $t\bar{t}$ (with scale unc.)
- HERA + $t\bar{t}$, $\alpha_s = \alpha_s(m_t^{\text{pole}})$
- HERA + $t\bar{t}$, $m_t^{\text{pole}} = m_t^{\text{pole}}(\alpha_s)$
- HERA + $t\bar{t}$, $xg = xg(\alpha_s)$
- HERA + $t\bar{t}$, $xg = xg(m_t^{\text{pole}})$
- World average

