

[M(t̄t)]

- $\alpha_s(m_z)$ with total unc.
- red line data unc.
- blue line PDF unc.
- magenta line μ unc.
- green line $m_t^{\text{pole}} \pm 1 \text{ GeV}$ unc.

ABMP16**HERAPDF20****CT14****World average [PDG2018]****0.09****0.1****0.11****0.12****0.13**
 $\alpha_s(m_z)$