

$[N_{\text{jet}}^{0,1+}, M(t\bar{t}), y(t\bar{t})]$

●  $\alpha_s(m_Z)$  with total unc.

— data unc.

— PDF unc.

—  $\mu$  unc.

—  $m_t^{\text{pole}} \pm 1 \text{ GeV}$  unc.

ABMP16

HERAPDF20

CT14

World average [PDG2018]

0.09

0.1

0.11

0.12

0.13

$\alpha_s(m_Z)$

