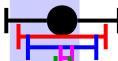
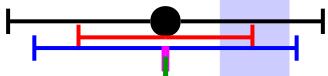


**[y(t̄t)]**

- $\alpha_s(m_z)$  with total unc.
- red line data unc.
- blue line PDF unc.
- magenta line  $\mu$  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**  
 $\alpha_s(m_z)$