

α_s results from H1 jet data in NNLO

H1_{and} NNLOJET

H1 inclusive jets

300 GeV high- Q^2

HERA-I low- Q^2

HERA-I high- Q^2

HERA-II low- Q^2

HERA-II high- Q^2

H1 dijets

300 GeV high- Q^2

HERA-I low- Q^2

HERA-II low- Q^2

HERA-II high- Q^2

Multiple data sets

H1 inclusive jets ($\bar{\mu} > 2m_b$)

H1 inclusive jets ($\bar{\mu} > 28$ GeV)

H1 dijets ($\bar{\mu} > 2m_b$)

H1 dijets ($\bar{\mu} > 28$ GeV)

H1 jets ($\bar{\mu} > 2m_b$)

H1 jets ($\bar{\mu} > 28$ GeV)

H1 jets ($\bar{\mu} > 42$ GeV)

World average [PDG16]

0.11

0.12

0.13

$\alpha_s(m_Z)$

