

April 2012

$\alpha_s(Q)$

- ▼ τ decays (N^3LO)
- ⊠ Lattice QCD (NNLO)
- △ DIS jets (NLO)
- Heavy Quarkonia (NLO)
- e^+e^- jets & shapes (res. NNLO)
- Z pole fit (N^3LO)
- ▨ $p\bar{p} \rightarrow$ jets (NLO)

0.5

0.4

0.3

0.2

0.1

\equiv QCD $\alpha_s(M_Z) = 0.1184 \pm 0.0007$

1

10

100

Q [GeV]

