

$\alpha_s(Q^2)$ 

0.3

0.2

0.1

 $\equiv \text{QCD } \alpha_s(M_Z) = 0.1181 \pm 0.0011$ 

1

10

 $Q \text{ [GeV]}$ 

100

1000

▼  $\tau$  decays ( $N^3\text{LO}$ )

△ DIS jets (NLO)

□ Heavy Quarkonia (NLO)

○  $e^+e^-$  jets & shapes (res. NNLO)● e.w. precision fits ( $N^3\text{LO}$ )▽  $p\bar{p} \rightarrow \text{jets}$  (NLO)▼  $pp \rightarrow tt$  (NNLO)