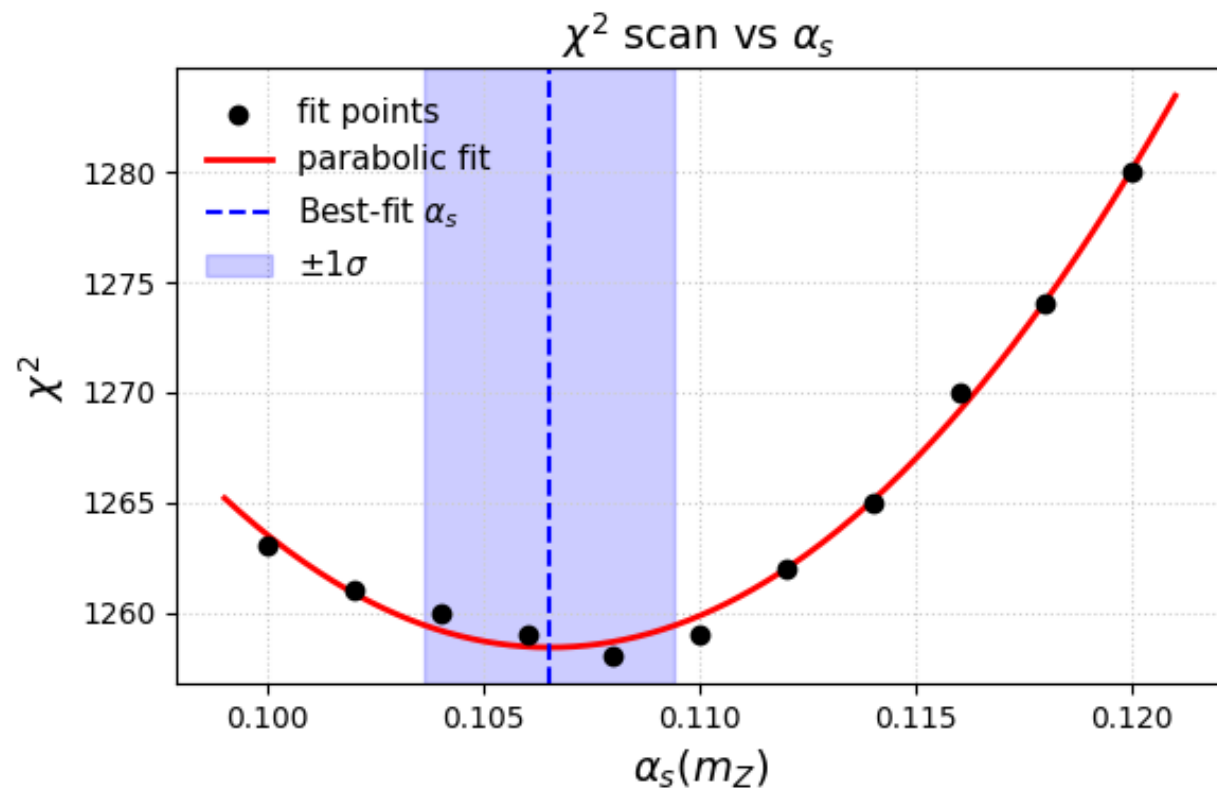
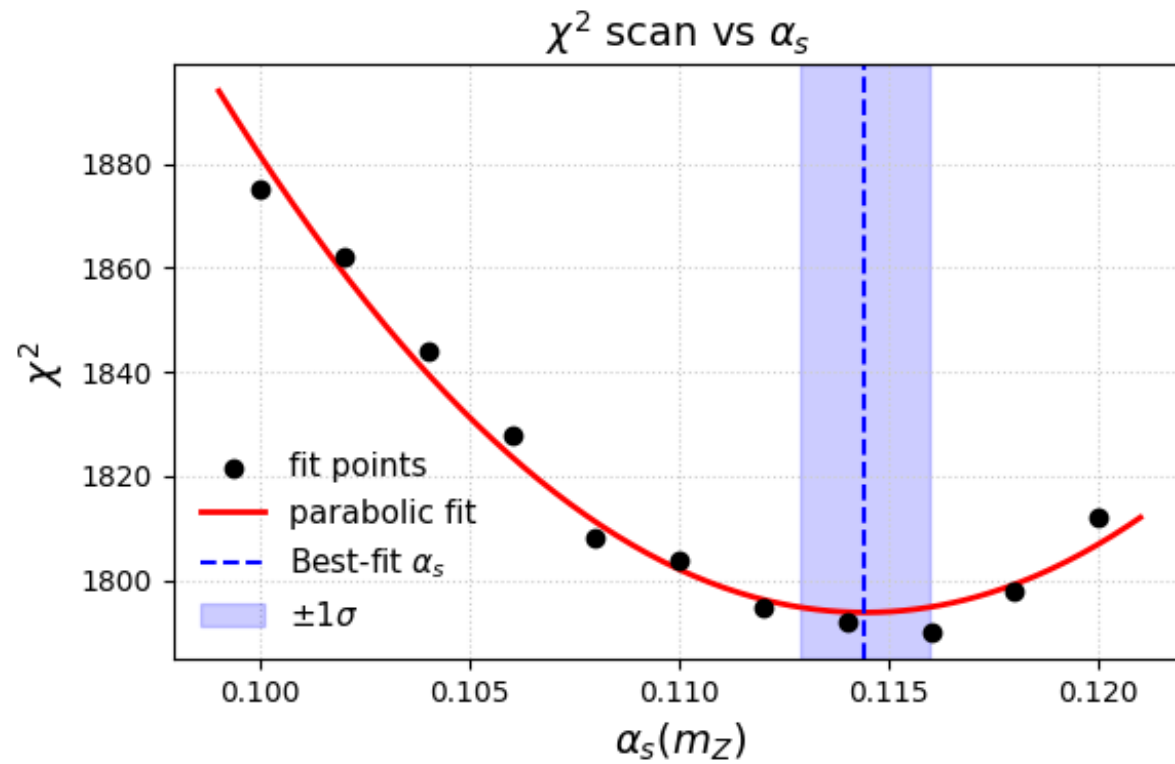


Running Coupling Estimation using HERA data



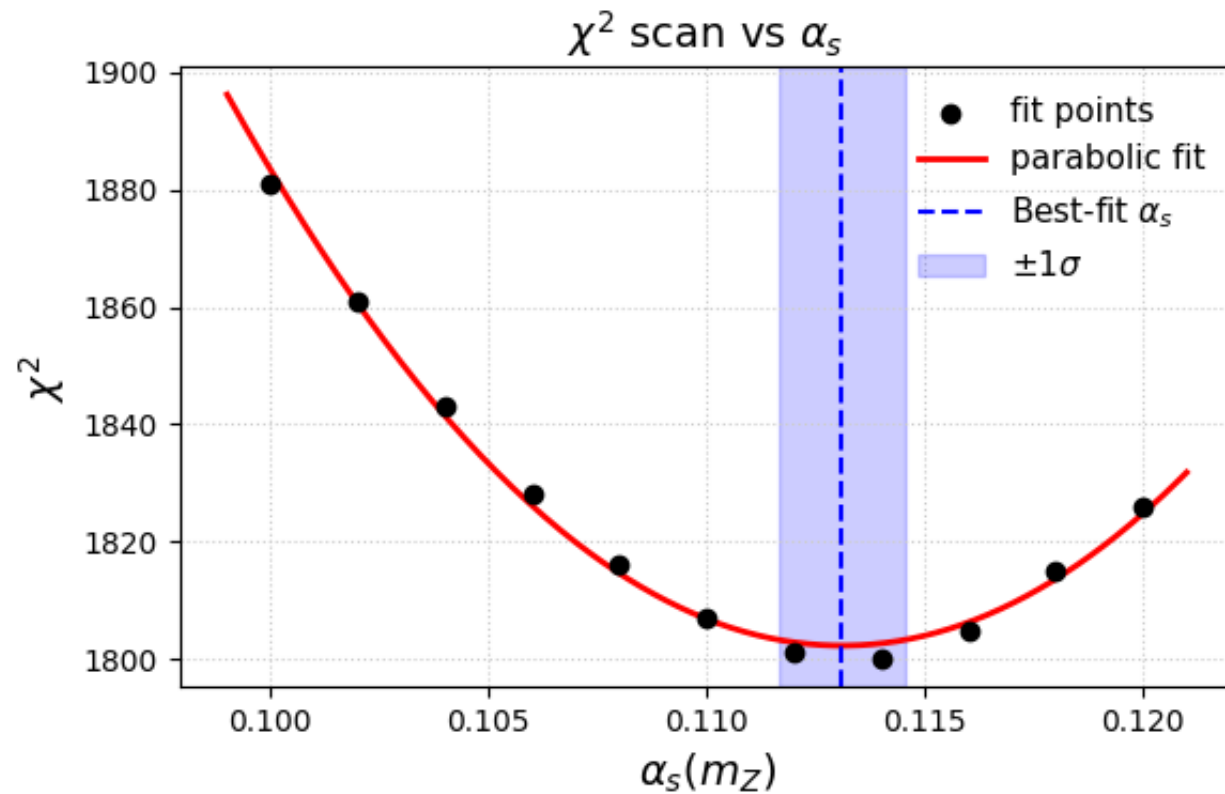
$$\alpha_s = 0.1065 \pm 0.0029$$

Running Coupling Estimation using HERA + Fixed Target at N^2 LO

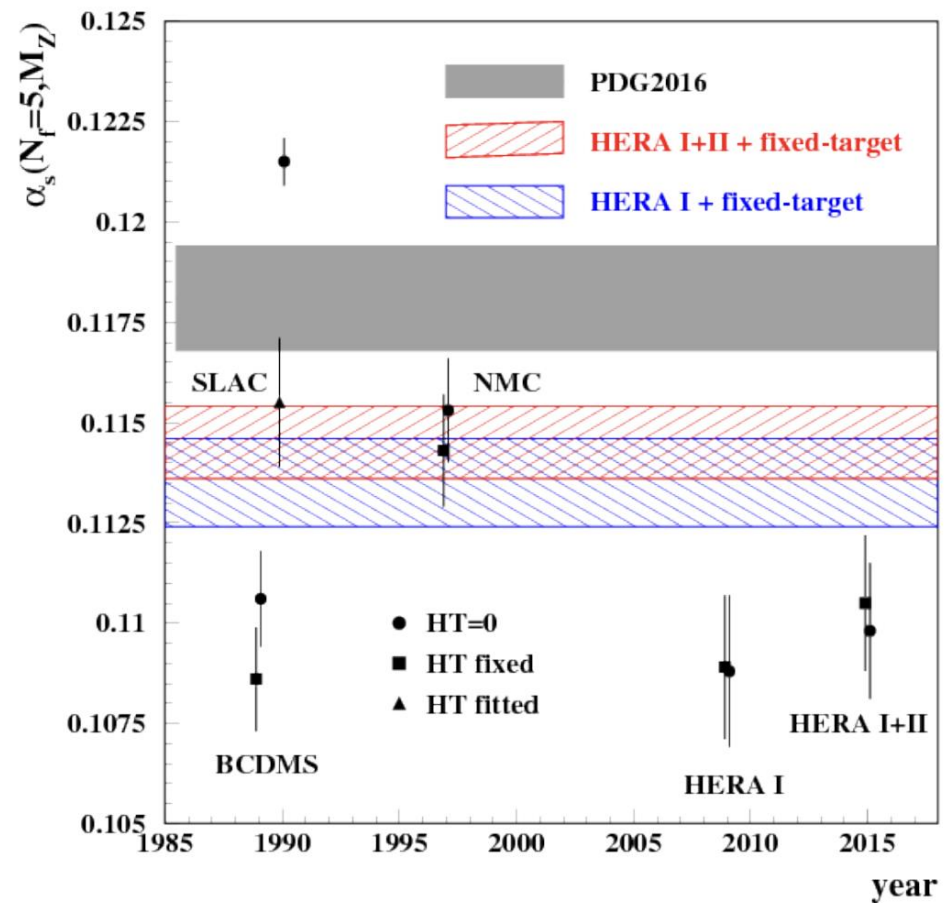


$$\alpha_s = 0.1144 \pm 0.0015$$

Running Coupling Estimation using HERA + Fixed
Target at $N^3\text{LO}$



$$\alpha_s = 0.1131 \pm 0.0015$$



xFitter Estimates

HERA 0.1065 ± 0.0029

HERA &	N^2LO	0.1144 ± 0.0015
Fixed		
Target	N^3LO	0.1131 ± 0.0015