NNLO gg→H at the LHC (√s = 8 TeV) for M_H = 126 GeV

Solid lines: envelope and midpoint.
Dashed lines: statistical combination.

σ_H (pb)

ggh@nnlo (v1.4.1), $\mu_R = \mu_F = M_H / 2$

MSTW08
$\alpha_s(M_Z^2) = 0.1171$

CT10
$\alpha_s(M_Z^2) = 0.1180$

NNPDF2.3
$\alpha_s(M_Z^2) = 0.1190$

G. Watt   (November 2012)
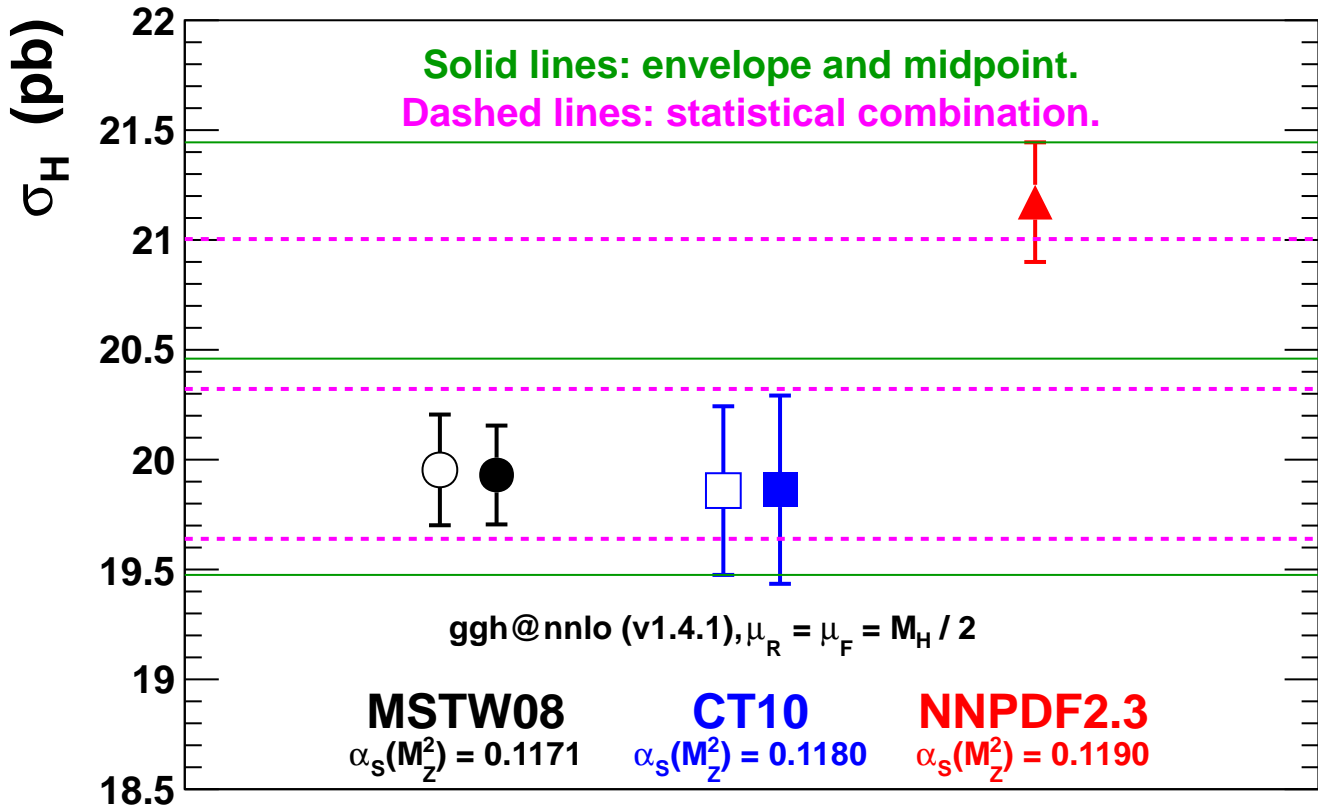
Open markers: usual best-fit and 68% C.L. Hessian uncertainty.
Closed markers: average and s.d. over random predictions.