$\sigma(pp \to H) [\text{pb}]$ for various production channels:

- $pp \to H$ (N3LO QCD + NLO EW)
- $pp \to qqH$ (NNLO QCD + NLO EW)
- $pp \to WH$ (NNLO QCD + NLO EW)
- $pp \to ZH$ (NNLO QCD + NLO EW)
- $pp \to bbH$ (NNLO QCD in 5FS, NLO QCD in 4FS)
- $pp \to ttH$ (NLO QCD + NLO EW)
- $pp \to tH$ (NLO QCD, t-ch + s-ch)

At $M(H) = 125$ GeV.