



Figure 2: Higgs-boson production cross sections (fb) at the LHC ($\sqrt{s} = 14$ TeV) for the most relevant production mechanisms as a function of the Higgs-boson mass. Results for $gg \rightarrow h$, $q\bar{q} \rightarrow Vh$, $b\bar{b} \rightarrow h$ are at NNLO in the QCD expansion. Weak boson fusion ($qq \rightarrow qqh$) and $t\bar{t}$ associated production are at NLO accuracy. Single-top associated production ($qb \rightarrow qth$) is at LO.