to the Higgs-boson mass. The overall residual theoretical uncertainty is estimated to be around 10%. The uncertainties due to the large top mass limit approximation (beyond Higgs masses of $2 \times m_t$) are difficult to estimate but expected to be relatively small. Differential results at NNLO are also available [17]. NLO (two-loop) EW corrections are known for Higgs masses below $2m_W$, [18,19], and range between 5% and 8% of the lowest order term. These EW corrections, however, are not included in Figs. 1, 2, and they are also omitted in the MSSM evaluations below. The same holds for the recent corrections obtained in Refs. [13,14].

- $qq \to qqh + X$: weak boson fusion

This process is known at NLO in QCD [20–22]. Results plotted here have been obtained with MCFM [23]. Leading EW corrections are taken into account by using $\alpha(M_Z)$ as the (square of the) electromagnetic coupling. The PDF used is CTEQ6M [24] and the