

Electroweak Corrections to Higgs-strahlung Processes at the LHC in THDM

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We calculate the electroweak corrections to the Higgs-Strahlung processes at the LHC, $pp \rightarrow Vh$, within the Two Higgs Doublet Model (THDM). The freedom in triple-Higgs couplings would give strong elevation to the cross section. Even for fairly heavy Higgs bosons, the relative corrections could also reach -20%.

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