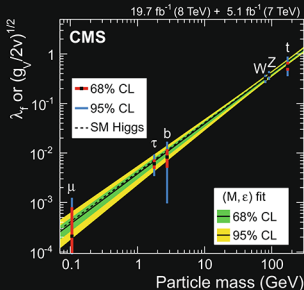




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Particles and Fields



Graphical representation of the effective couplings of the Higgs boson to SM particles, as determined by the CMS experiment using proton-proton collisions at 7 and 8 TeV. The dashed line corresponds to the SM expectation. The result of a more general fit in terms two non-standard parameters (M, ϵ) is shown as a continuous line, with corresponding 68% and 95% CL regions.

From CMS Collaboration: Precise determination of the mass of the Higgs boson and tests of compatibility of its couplings with the standard model predictions using proton collisions at 7 and 8 TeV.