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Search for di-Higgs to 4b with the ATLAS detector

An enhanced production of two Higgs bosons would be a clear sign of beyond Standard Model physics. A search is performed for resonant and non-resonant excess production, where the two Higgs bosons both decay to a pair of Bottom quarks. The analyses use up to $\sim 13 \text{ fb}^{-1}$ of p-p collisions at 13 TeV.

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