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Search of a high mass neutral Higgs boson in fermion final states with the ATLAS detector.

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Several theories, like the Minimal Supersymmetric Standard Model, predict a high mass neutral Higgs boson with a significant decay rate into the $b\bar{b}$, $\mu\bar{\mu}$ or $\tau\bar{\tau}$ final states. The search for a scalar resonance in fermion decay channels is presented, using about 36 fb^{-1} of p-p collisions at 13 TeV.

Experimental Collaboration

ATLAS

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