

Search for the pseudoscalar Higgs boson A of two Higgs doublet models (2HDM) with the ATLAS detector

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We search for the pseudoscalar Higgs boson A of 2HDMs in the decay modes $A \rightarrow \tau\tau$ and $A \rightarrow Zh$. In the latter case, h is the lightest neutral scalar Higgs boson and is assumed to be the newly discovered 125 GeV particle. The results are interpreted in the context of 2HDMs and the Minimal Supersymmetric Standard Model (MSSM).

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