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Combination of Standard Model and beyond Standard model Higgs searches at DZero

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A combination of searches for Standard Model and beyond Standard Model Higgs boson production at DZero using a data sample up to 7 fb⁻¹ of integrated luminosity is performed. For Standard Model searches we determine combined upper 95% C.L. limits on the ratio of the Higgs boson cross section times the branching ratio to its Standard Model prediction for Higgs boson masses between 100 and 200 GeV/c².

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