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Search for the Higgs boson in the ZH->nunubb channel at D0

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A search for the standard model Higgs boson has been performed in 2.1 fb-1 of p_pbar collisions at 1.96 TeV, collected with the D0 detector at the Fermilab TeVatron. The final state considered is a pair of acoplanar b jets, as expected from the reaction p_pbar->HZ->bbnunu. The search is also sensitive to the HW->bblnu, when the charged lepton is not identified.
Boosted decision trees were used to discriminate the signal from the backgrounds.
Since no deviation was observed, limits were set at 95% C.L. on the cross section times branching ratio of pp_bar->H(Z/W)x(H->bb) .

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