

Abstract Submitted
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Search for the decays $B^0 \rightarrow D_s^{(*)+} a_{0(2)}^-$ VITALY EYGES, Iowa State University, BABAR COLLABORATION — We report on a search for the decays $B^0 \rightarrow D_s^{(*)+} a_{0(2)}^-$ using 210 fb^{-1} of data collected at the $\Upsilon(4S)$ resonance by the *BaBar* detector. This measurement will reduce theoretical uncertainties in the estimate of the CP asymmetry in $B \rightarrow D^{(*)+} a_{0(2)}^-$ decays, and also will give an additional insight into the decay mechanisms of other two-body decay modes of B mesons, containing an open charm and a light meson in the final state.

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