

Abstract Submitted
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Study of orbitally excited B mesons at CDF JEN PURSLEY, Johns Hopkins, CDF COLLABORATION — Using over 330 pb^{-1} of data collected by the Run II Collider Detector at Fermilab (CDF), we study the properties of the lowest orbitally excited ($L = 1$) B mesons, collectively denoted as the B^{**} . We reconstruct B^{**} candidates in the decay channel $B^{**} \rightarrow B\pi$, $B \rightarrow J/\psi K$, $J/\psi \rightarrow \mu^+ \mu^-$.

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