

Abstract Submitted
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Flavor Tagging using electrons at the DØ Detector at Fermilab
MD NAIMUDDIN, University of Delhi, India, DZERO COLLABORATION — Flavor tagging of B hadrons is crucial for the measurement of mixing in the b -quark sector. Using approximately 450 pb^{-1} of data collected with upgraded DØ detector in Run II of Fermilab Tevatron, we present preliminary results on b -flavor tagging using electrons. This is the first analysis at DØ that uses electrons for tagging the flavor of b quarks at their production time.

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