

Model-independent extraction of form-factors and $|V_{cb}|$ in $\bar{B} \rightarrow D^{(*)} \ell^{-} \bar{\nu}_\ell$ with hadronic tagging at *BABAR*

Friday 19 July 2024 09:15 (15 minutes)

Employing the full *BABAR* dataset with hadronic tagging, we present a model-independent form factor analysis for $B \rightarrow D^{(*)} \ell \nu$ and a moments analysis for $B \rightarrow D^* \ell \nu$. We also perform a combined lattice+*BABAR* joint $B \rightarrow D^{(*)} \ell \nu$ form factor analysis employing an HQET parameterization. We report updated $|V_{cb}|$ and SM theory predictions for $R(D^{(*)})$ from this analysis

Alternate track

I read the instructions above

Yes

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