

$B \rightarrow D^* \ell \nu$ at non-zero recoil*Friday, 27 July 2018 14:20 (20 minutes)*

We present preliminary blinded results from our analysis of the form factors for $B^- \rightarrow D^* \ell \nu^-$ decay at non-zero recoil. Our analysis includes 15 MILC asqtad ensembles with $N_f=2+1$ flavors of sea quarks and lattice spacings ranging from $a \approx 0.15$ fm down to 0.045 fm. The valence light quarks employ the asqtad action, whereas the b and c quarks are treated using the Fermilab action. We discuss the impact that our results will have on $|V_{cb}|$ and $R(D^*)$.

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