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Measurements of Semileptonic Light Quark B-meson Decays and the Determination of the CKM element $|V_{ub}|$ at BABAR

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We present a set of measurements of semileptonic B meson charmless decays using the BABAR data set collected at the SLAC e^+e^- B-factory operating on the Upsilon(4S) resonance. This paper includes: the measurement of the branching fraction of the exclusive charmless semileptonic decay $B \rightarrow \omega l \nu$, where l is either an electron or a muon, with the charged B meson recoiling against a tag B meson decaying in the charmed semileptonic modes $B \rightarrow D X l \nu$; and studies of $B \rightarrow \rho l \nu$, $\pi l \nu$ and $\eta' l \nu$ decays in which branching fractions and distributions in the momentum transfer squared are measured and used to determine the CKM matrix element $|V_{ub}|$.

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