

Abstract Submitted
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Measurement of branching fractions of B -meson decays to final states containing an η' and a vector meson ALAN ROBERTSON, University of Edinburgh, BABAR COLLABORATION — We present branching fraction results for charged and neutral B decay modes to charmless, quasi-two body, final states containing $\eta'K^*$ and $\eta'\rho$. The results are compared to theoretical predictions and provide information on the suppressed magnitude of $\eta'K^*$ with respect to enhanced $\eta'K^*$ decay channel. The results are derived using a multivariate maximum likelihood fit using data recorded by the BaBar detector, which comprise an integrated luminosity of 210.5 fb^{-1} corresponding to 232 million $B\bar{B}$ pairs.

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