

# Investigation of $B$ -meson decays into baryons with the BABAR detector

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From inclusive measurements it is known that about 7% of all  $B$ -mesons decay into final states with baryons. Using the large dataset of  $470 \times 10^6$   $B\bar{B}$ -pairs collected by the BABAR detector it is possible to study these decays in detail. While the weak decay on quark-level is well understood, the hadronisation process into baryons and mesons is largely unknown. Thus, investigating these decays can lead to a better understanding of the hadronisation into final states with a baryon-antibaryon pair.

We present branching fraction measurements of baryonic  $B$ -decays with BABAR, emphasizing the decay dynamics like the threshold enhancement in the baryon-antibaryon mass which has been observed in various analyses.

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