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## Search for B-meson decays to four baryons at Babar

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B mesons are the lightest mesons which can decay to various final states containing different baryons. Up to now, the discrepancy between the inclusive branching fraction of all B meson decay modes with at least a couple of baryons in the final state, measured by ARGUS to be  $(6.8 \pm 0.6)\%$ , and the sum of exclusive baryonic channels, averaged on neutral and positive B mesons at less than 1%, represents an open issue. Moreover, the measurement and comparison of exclusive branching fractions of baryonic B decays as well as studies on the dynamic of the decay, may allow better understanding of baryon production in B decays and, more generally, hadron fragmentation into baryons. We present here a search for the decay of a B meson in four baryons:  $B \rightarrow p \bar{p} p \bar{p}$ , not yet observed. The data set consists of about 470 million B-antiB pairs collected with the BABAR detector at the SLAC National Accelerator Laboratory.

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