

Heavy Flavor Averaging Group  
May 2004

Compilation of  $B^0$  Baryonic Branching Fractions  
All branching fractions are in units of  $10^{-6}$ ; limits are 90% CL

In PDG2002    New since PDG2002 (preliminary)    New since PDG2002 (published)

RPP#	Mode	PDG2002 Avg.	BABAR	Belle	CLEO	New Avg.
169	$p\bar{p}$	< 7.0	< 0.27	< 0.50	< 1.4	< 0.27
172	$\Lambda\bar{\Lambda}$	< 3.9		< 0.79	< 1.2	< 0.79
171	$p\bar{\Lambda}\pi^-$	< 13		$3.97^{+1.00}_{-0.80} \pm 0.56$	< 13	$3.97^{+1.15}_{-0.98}$
–	$p\bar{\Lambda}K^-$	New		< 0.82		< 0.82
–	$p\bar{\Sigma}^0\pi^-$	New		< 3.8		< 3.8
–	$p\bar{p}K^0$	New		$1.88^{+1.06}_{-0.60} \pm 0.23$		$1.88^{+1.08}_{-0.64}$
–	$p\bar{p}K^{*0}$	New		< 7.6		< 7.6
176	$\bar{\Lambda}_c^- p\pi^+\pi^-$	$1300 \pm 600$		$1100 \pm 120 \pm 350$	$1670 \pm 190^{+470}_{-460}$	$1302 \pm 297$
177	$\bar{\Lambda}_c^- p$	< 210		$21.9^{+5.6}_{-4.9} \pm 6.5$	< 90	$21.9^{+8.6}_{-8.1}$
–	$\bar{\Sigma}_c^-(2455)p\pi^+$	New		$238^{+63}_{-55} \pm 74$	$370 \pm 80 \pm 113$	$280^{+80}_{-78}$
–	$\bar{\Sigma}_c^-(2520)p\pi^+$	New		$163^{+57}_{-51} \pm 50$		$163^{+75}_{-71}$
–	$\bar{\Sigma}_c^0(2455)p\pi^-$	New		< 159	$220 \pm 60 \pm 64$	$220 \pm 87$
–	$\bar{\Sigma}_c^0(2520)p\pi^+$	New		< 121		< 121
–	$\bar{\Lambda}_c^-(2593)p$	New			< 110	< 110