

Heavy Flavor Averaging Group - B^+ Branching Fractions ($\times 10^6$) - April 2006. (UL 90% CL)
 In PDG2004 **New since PDG2004 (preliminary)** **New since PDG2004 (published)**

RPP#	Mode	PDG2004 Avg.	BABAR	Belle	CLEO	CDF	New Avg.
117	$K^0\pi^+$	18.8 ± 2.1	$26.0 \pm 1.3 \pm 1.0$	$22.0 \pm 1.9 \pm 1.1$	$18.8^{+3.7+2.1}_{-3.3-1.8}$		24.1 ± 1.3
118	$K^+\pi^0$	12.9 ± 1.2	$12.0 \pm 0.7 \pm 0.6$	$12.0 \pm 1.3^{+1.3}_{-0.9}$	$12.9^{+2.4+1.2}_{-2.2-1.1}$		12.1 ± 0.8
119	$\eta'K^+$	78 ± 5	$68.9 \pm 2.0 \pm 3.2$	$69.2 \pm 2.2 \pm 3.7$	$80^{+10}_{-9} \pm 7$		$69.7^{+2.8}_{-2.7}$
120	$\eta'K^{*+}$	< 35	$4.9^{+1.9}_{-1.7} \pm 0.8$	< 90	$11.1^{+12.7}_{-8.0}$		$4.9^{+2.1}_{-1.9}$
121	ηK^+	< 6.9	$3.3 \pm 0.6 \pm 0.3$	$2.2 \pm 0.4 \pm 0.1$	$2.2^{+2.8}_{-2.2}$		2.5 ± 0.3
122	ηK^{*+}	26^{+10}_{-9}	$25.6 \pm 4.0 \pm 2.4$	$22.8^{+3.7}_{-3.5} \pm 2.2$	$26.4^{+9.6}_{-8.2} \pm 3.3$		$24.3^{+3.0}_{-2.9}$
-	$a_0^0(980)K^+ \dagger$	New	< 2.5				< 2.5
-	$a_0^+(980)K^0 \dagger$	New	< 3.9				< 3.9
123	ωK^+	$9.2^{+2.8}_{-2.5}$	$6.1 \pm 0.6 \pm 0.4$	$8.1 \pm 0.6 \pm 0.5$	$3.2^{+2.4}_{-1.9} \pm 0.8$		6.9 ± 0.5
124	ωK^{*+}	< 87	< 3.4		< 87		< 3.4
125	$K^{*0}\pi^+$	19^{+6}_{-8}	$13.5 \pm 1.2^{+0.8}_{-0.9}$	$9.7 \pm 0.6^{+0.8}_{-0.9}$	$7.6^{+3.5}_{-3.0} \pm 1.6$		10.7 ± 0.8
126	$K^{*+}\pi^0$	< 31	$6.9 \pm 2.0 \pm 1.3$		$7.1^{+11.4}_{-7.1} \pm 1.0$		6.9 ± 2.3
127	$K^+\pi^+\pi^-$	57 ± 4	$64.1 \pm 2.4 \pm 4.0$	$48.8 \pm 1.1 \pm 3.6$			54.8 ± 2.9
128	$K^+\pi^+\pi^-(NR)$	< 28	$2.9 \pm 0.6^{+0.8}_{-0.5}$		< 28		$2.9^{+1.0}_{-0.8}$
129	$K^+f_0(980) \dagger$	seen	$9.5 \pm 1.0^{+0.6}_{-0.9}$	$8.8 \pm 0.8^{+0.9}_{-1.8}$			$9.2^{+0.8}_{-1.1}$
130	$K^+\rho^0$	< 12	$5.1 \pm 0.8^{+0.5}_{-0.8}$	$3.89 \pm 0.47^{+0.43}_{-0.41}$	$8.4^{+4.0}_{-3.4} \pm 1.8$		$4.27^{+0.54}_{-0.56}$
-	$\rho^0(1450)K^+$	New	< 11.7				< 11.7
-	$f_2(1270)K^+$	New	< 16	$1.33 \pm 0.30^{+0.23}_{-0.34}$			$1.33^{+0.38}_{-0.45}$
-	$f_0(1370)K^+ \dagger$	New	< 10.7				< 10.7
-	$f_0(1500)K^+ \dagger$	New	< 4.4				< 4.4
-	$f_2'(1525)K^+ \dagger$	New	< 3.4	< 4.9			< 3.4
-	$K_0^*(1430)^0\pi^+$	New	$37.0 \pm 1.8^{+4.6}_{-4.7}$	$51.6 \pm 1.7^{+7.0}_{-7.4}$			41.3 ± 4.2
131	$K_2^*(1430)^0\pi^+$	< 680	< 23.1	< 6.9			< 6.9
-	$K^*(1680)^0\pi^+$	New	< 11.4	< 9.3			< 9.3
132	$K^-\pi^+\pi^+$	< 1.8	< 1.8	< 4.5			< 1.8
135	$K^0\pi^+\pi^0$	< 66			< 66		< 66
136	$K^0\rho^+$	< 48			< 48		< 48
-	$K^{*0}\rho^+$	New	$10.0 \pm 1.7 \pm 2.4$	$8.9 \pm 1.7 \pm 1.2$			9.3 ± 1.7
138	$K^{*+}\rho^0$	11 ± 4	< 5.9		< 74		< 5.9
-	$K^{*+}f_0$	New	$5.2 \pm 1.2 \pm 0.6$				5.2 ± 1.3
139	$K^{*+}\overline{K^{*0}}$	< 71			< 71		< 71
142	$K^+\overline{K^0}$	< 2.0	$1.5 \pm 0.5 \pm 0.1$	$1.0 \pm 0.4 \pm 0.1$	< 3.3		1.2 ± 0.3
143	$K^+\overline{K^0}\pi^0$	< 24			< 24		< 24
144	$K^+K_S K_S$	13.4 ± 2.4	$10.7 \pm 1.2 \pm 1.0$	$13.4 \pm 1.9 \pm 1.5$			11.5 ± 1.3
145	$K_S K_S \pi^+$	< 3.2		< 3.2			< 3.2
146	$K^+K^-\pi^+$	< 6.3	< 6.3	< 13			< 6.3
148	$K^+K^+\pi^-$	< 1.3	< 1.3	< 2.4			< 1.3
150	$\overline{K^{*0}}K^+$	< 5.3			< 5.3		< 5.3
152	$K^+K^-K^+$	30.8 ± 2.1	$35.2 \pm 0.9 \pm 1.6$	$30.6 \pm 1.2 \pm 2.3$			33.7 ± 1.5
153	ϕK^+	9.3 ± 1.0	$8.4 \pm 0.7 \pm 0.7$	$9.60 \pm 0.92^{+1.05}_{-0.84}$	$5.5^{+2.1}_{-1.8} \pm 0.6$	$7.6 \pm 1.3 \pm 0.6$	8.30 ± 0.65
-	$a_2 K^+ \dagger$	New		< 1.1			< 1.1
-	$\phi(1680)K^+ \dagger$	New		< 0.8			< 0.8
156	ϕK^{*+}	9.6 ± 3.0	$12.7^{+2.2}_{-2.0} \pm 1.1$	$6.7^{+2.1+0.7}_{-1.9-1.0}$	$10.6^{+6.4+1.8}_{-4.9-1.6}$		9.7 ± 1.5
159	$\phi\phi K^+ \S$	$2.6^{+1.1}_{-0.9}$		$2.6^{+1.1}_{-0.9} \pm 0.3$			$2.6^{+1.1}_{-0.9}$
173	$\pi^+\pi^0$	$5.6^{+0.9}_{-1.1}$	$5.8 \pm 0.6 \pm 0.4$	$5.0 \pm 1.2 \pm 0.5$	$4.6^{+1.8+0.6}_{-1.6-0.7}$		5.5 ± 0.6
174	$\pi^+\pi^-\pi^+$	11 ± 4	$16.2 \pm 1.2 \pm 0.9$				16.2 ± 1.5
175	$\rho^0\pi^+$	8.6 ± 2.0	$8.8 \pm 1.0^{+0.6}_{-0.9}$	$8.0^{+2.3}_{-2.0} \pm 0.7$	$10.4^{+3.3}_{-3.4} \pm 2.1$		$8.7^{+1.0}_{-1.1}$
-	$\rho^0(1450)\pi^+$	New	< 2.3				< 2.3
176	$f_0(980)\pi^+ \dagger$	< 140	< 3.0				< 3.0
-	$f_0(600)\pi^+$	New	< 4.1				< 4.1
177	$f_2(1270)\pi^+$	< 240	< 3.5				< 3.5
-	$f_0(1370)\pi^+$	New	< 3.0				< 3.0
178	$\pi^+\pi^-\pi^+(NR)$	< 41	< 4.6				< 4.6
180	$\rho^+\pi^0$	< 43	$10.0 \pm 1.4 \pm 0.9$	$13.2 \pm 2.3^{+1.4}_{-1.9}$	< 43		$10.8^{+1.4}_{-1.5}$
182	$\rho^+\rho^0$	26 ± 6	$17.2 \pm 2.5 \pm 2.8$	$31.7 \pm 7.1^{+3.8}_{-6.7}$			19.1 ± 3.5
185	$\omega\pi^+$	$6.4^{+1.8}_{-1.6}$	$6.1 \pm 0.7 \pm 0.4$	$7.0 \pm 0.6 \pm 0.5$	$11.3^{+3.3}_{-2.9} \pm 1.4$		6.7 ± 0.6
186	$\omega\rho^+$	< 61	$10.6 \pm 2.1^{+1.6}_{-1.0}$		< 61		$10.6^{+2.6}_{-2.3}$
187	$\eta\pi^+$	< 5.7	$5.1 \pm 0.6 \pm 0.3$	$3.9 \pm 0.5 \pm 0.2$	$1.2^{+2.8}_{-1.2}$		4.3 ± 0.4
188	$\eta'\pi^+$	< 7	$4.0 \pm 0.8 \pm 0.4$	$1.8^{+0.7}_{-0.6} \pm 0.1$	$1.0^{+5.8}_{-1.0}$		$2.6^{+0.6}_{-0.5}$
189	$\eta'\rho^+$	< 33	< 14		< 33		< 14
190	$\eta\rho^+$	< 15	$8.4 \pm 1.9 \pm 1.1$	$8.5^{+2.6}_{-2.4} \pm 1.0$	$4.8^{+5.2}_{-3.8}$		$8.1^{+1.7}_{-1.5}$
-	$a_0^0(980)\pi^+ \dagger$	New	< 5.8				< 5.8
191	$\phi\pi^+$	< 0.41	< 0.24		< 5		< 0.24
192	$\phi\rho^+$	< 16			< 16		< 16

\dagger Product BF - daughter BF taken to be 100%; \ddagger Larger of two solutions taken; $\S M_{\phi\phi} < 2.85 \text{ GeV}/c^2$

Heavy Flavor Averaging Group - B^0 Branching Fractions ($\times 10^6$) - April 2006. (UL 90% CL)
 In PDG2004 New since PDG2004 (preliminary) New since PDG2004 (published)

RPP#	Mode	PDG2004 Avg.	BABAR	Belle	CLEO	CDF	New Avg.
123	$K^+\pi^-$	18.5 ± 1.1	$19.2 \pm 0.6 \pm 0.6$	$18.5 \pm 1.0 \pm 0.7$	$18.0^{+2.3+1.2}_{-2.1-0.9}$		18.9 ± 0.7
124	$K^0\pi^0$	$9.5^{+2.1}_{-1.9}$	$11.4 \pm 0.9 \pm 0.6$	$11.7 \pm 2.3^{+1.2}_{-1.3}$	$12.8^{+4.0+1.7}_{-3.3-1.4}$		11.5 ± 1.0
125	$\eta'K^0$	63 ± 7	$67.4 \pm 3.3 \pm 3.2$	$58.9^{+3.6}_{-3.5} \pm 4.3$	$89^{+18}_{-16} \pm 9$		64.9 ± 3.5
126	$\eta'K^{*0}$	< 24	$3.8 \pm 1.1 \pm 0.5$	< 20	$7.8^{+7.7}_{-5.7}$		3.8 ± 1.2
127	ηK^{*0}	14^{+6}_{-5}	$18.6 \pm 2.3 \pm 1.2$	$19.8^{+2.1}_{-2.0} \pm 1.4$	$13.8^{+5.5}_{-4.6} \pm 1.6$		18.7 ± 1.7
128	ηK^0	< 9.3	< 2.5	< 1.9	< 9.3		< 1.9
-	$\eta K^+\pi^-$	New		$31.7 \pm 1.9^{+2.2}_{-2.6}$			$31.7^{+2.9}_{-3.2}$
-	$a_0^-(980)K^+\dagger$	New	< 2.1	< 1.6			< 1.6
-	$a_0^0(980)K^0\dagger$	New	< 7.8				< 7.8
129	ωK^0	< 13	$6.2 \pm 1.0 \pm 0.4$	$3.9 \pm 0.7 \pm 0.4$	$10.0^{+5.4}_{-4.2} \pm 1.4$		4.8 ± 0.6
131	ωK^{*0}	< 23	< 4.2		< 23		< 4.2
132	K^+K^-	< 0.6	$0.04 \pm 0.15 \pm 0.08$	0.06 ± 0.10	< 0.8	$< 1.9 \ddagger$	0.05 ± 0.09
133	$K^0\overline{K^0}$	< 3.3	$1.19^{+0.40}_{-0.35} \pm 0.13$	0.8 ± 0.3	< 3.3		$0.95^{+0.24}_{-0.23}$
134	$K_S K_S K_S$	$4.2^{+1.8}_{-1.5}$	$6.9^{+0.9}_{-0.8} \pm 0.6$	$4.2^{+1.6}_{-1.3} \pm 0.8$			6.2 ± 0.9
-	$K_S K_S K_L$	New	< 6.4				< 6.4
135	$K^+\pi^-\pi^0$	< 40	$34.9 \pm 2.1 \pm 3.9$	$36.6^{+4.2}_{-4.1} \pm 3.0$	< 40		$35.6^{+3.4}_{-3.3}$
136	$K^+\rho^-$	7.3 ± 1.8	$8.6 \pm 1.4 \pm 1.0$	$15.1^{+3.4+2.4}_{-3.3-2.6}$	$16^{+8}_{-6} \pm 3$		$9.9^{+1.6}_{-1.5}$
-	$K^+\rho(1450)^-\dagger$	New	< 3.2				< 3.2
-	$K^+\rho(1700)^-\dagger$	New	< 1.7				< 1.7
137	$K^0\pi^+\pi^-$	47 ± 7	$43.0 \pm 2.3 \pm 2.3$	$47.5 \pm 2.4 \pm 3.7$	$50^{+10}_{-9} \pm 7$		$44.8^{+2.6}_{-2.5}$
-	$K^+\pi^-\pi^0(NR)$	New	< 4.6	< 9.4			< 4.6
-	$K_0^{*+}(1430)\pi^-$	New	$36.1 \pm 4.8 \pm 11.3$	$49.7 \pm 3.8^{+4.0}_{-6.1}$			$46.0^{+5.6}_{-6.6}$
-	$K_0^{*0}(1430)\pi^0$	New	$25.5 \pm 4.8 \pm 8.7$				25.5 ± 9.9
138	$K^0\rho^0$	< 39	$5.1 \pm 1.0 \pm 1.2$	$6.1 \pm 1.0 \pm 1.1$	< 39		5.6 ± 1.1
139	$K^0f_0(980)\dagger$	< 36	$5.5 \pm 0.7 \pm 0.6$	$7.6 \pm 1.7^{+0.8}_{-0.9}$			5.9 ± 0.8
140	$K^{*+}\pi^-$	16^{+6}_{-5}	$11.0 \pm 1.5 \pm 0.7$	$8.4 \pm 1.1^{+0.9}_{-0.8}$	$16^{+6}_{-5} \pm 2$		9.8 ± 1.1
141	$K^{*0}\pi^0$	< 3.6	$3.0 \pm 0.9 \pm 0.5$	$0.4^{+1.9}_{-1.7} \pm 0.1$	$0.0^{+1.3+0.5}_{-0.0-0.0}$		1.7 ± 0.8
142	$K_2^{*+}(1430)\pi^-$	< 18	< 13.2	< 6.3			< 6.3
-	$K_2^{*0}(1430)\pi^0$	New	< 3.6				< 3.6
-	$K^*(1680)\pi^-$	New	< 19.4	< 10.1			< 10.1
-	$K^*(1680)\pi^0$	New	< 5.0				< 5.0
143	$K^+\overline{K^0}\pi^-$	< 21		< 18	< 21		< 18
144	$K^+K^-\pi^0$	< 19			< 19		< 19
145	$K^+K^-K^0$	28 ± 5	$23.8 \pm 2.0 \pm 1.6$	$28.3 \pm 3.3 \pm 4.0$			24.7 ± 2.3
146	ϕK^0	$8.6^{+1.3}_{-1.1}$	$8.4^{+1.5}_{-1.3} \pm 0.5$	$9.0^{+2.2}_{-1.8} \pm 0.7$	$5.4^{+3.7}_{-2.7} \pm 0.7$		$8.3^{+1.2}_{-1.0}$
149	$K^{*0}\rho^0$	< 34		< 2.6	< 34		< 2.6
-	$K^{*+}\rho^-$	New	< 24				< 24
-	$K^{*0}\overline{K^0}$	New	< 1.9				< 1.9
154	ϕK^{*0}	10.7 ± 1.1	$9.2 \pm 0.9 \pm 0.5$	$10.0^{+1.6+0.7}_{-1.5-0.8}$	$11.5^{+4.5+1.8}_{-3.7-1.7}$		9.5 ± 0.9
155	$K^{*0}\overline{K^{*0}}$	< 22			< 22		< 22
157	$K^{*+}K^{*-}$	< 141			< 141		< 141
176	$\pi^+\pi^-$	4.8 ± 0.5	$5.5 \pm 0.4 \pm 0.3$	$4.4 \pm 0.6 \pm 0.3$	$4.5^{+1.4+0.5}_{-1.2-0.4}$	$4.0 \pm 1.1 \ddagger$	4.9 ± 0.4
177	$\pi^0\pi^0$	1.9 ± 0.5	$1.17 \pm 0.32 \pm 0.10$	$2.3^{+0.4+0.2}_{-0.5-0.3}$	< 4.4		1.45 ± 0.29
178	$\eta\pi^0$	< 2.9	< 1.3	< 2.5	< 2.9		< 1.3
179	$\eta\eta$	< 18	< 2.8	< 2.0	< 18		< 2.0
180	$\eta'\pi^0$	< 5.7	$0.8^{+0.8}_{-0.6} \pm 0.1$	$2.8 \pm 1.0 \pm 0.3$	$0.0^{+1.8}_{-0.0}$		$1.5^{+0.7}_{-0.6}$
181	$\eta'\eta'$	< 47	< 10		< 47		< 10
182	$\eta'\eta$	< 27	< 1.7		< 27		< 1.7
183	$\eta'\rho^0$	< 12	< 3.7	< 14	< 12		< 3.7
-	$\eta'f_0(980)\dagger$	New	< 1.5				< 1.5
184	$\eta\rho^0$	< 10	< 1.5	< 2.7	< 10		< 1.5
-	$\eta\pi^+\pi^-$	New		$6.2^{+1.8+0.8}_{-1.6-0.6}$			$6.2^{+2.0}_{-1.7}$
-	$a_0^\mp(980)\pi^\pm\dagger$	New	< 5.1	< 2.8			< 2.8
185	$\omega\eta$	< 12	< 1.9		< 12		< 1.9
186	$\omega\eta'$	< 60	< 2.8		< 60		< 2.8
187	$\omega\rho^0$	< 11	< 1.5		< 11		< 1.5
-	$\omega f_0(980)$	New	< 1.5				< 1.5
188	$\omega\omega$	< 19	< 4.0		< 19		< 4.0
189	$\phi\pi^0$	< 5	< 0.28		< 5		< 0.28
190	$\phi\eta$	< 9	< 1.0		< 9		< 1.0
191	$\phi\eta'$	< 31	< 4.5		< 31		< 4.5
192	$\phi\rho^0$	< 13			< 13		< 13
193	$\omega\phi$	< 21			< 21		< 21
194	$\phi\phi$	< 12	< 1.5		< 12		< 1.5
196	$\rho^0\pi^0$	< 5.3	$1.4 \pm 0.6 \pm 0.3$	$3.12^{+0.88+0.60}_{-0.82-0.76}$	$1.6^{+2.0}_{-1.4} \pm 0.8$		$1.83^{+0.56}_{-0.55}$
197	$\rho^\mp\pi^\pm$	22.8 ± 2.5	$22.6 \pm 1.8 \pm 2.2$	$29.1^{+5.0}_{-4.9} \pm 4.0$	$27.6^{+8.4}_{-7.4} \pm 4.2$		24.0 ± 2.5
199	$\rho^0\rho^0$	< 2.1	< 1.1		< 18		< 1.1
200	$a_1^\mp\pi^\pm$	< 490	$33.2 \pm 3.8 \pm 3.0$	$48.6 \pm 4.1 \pm 3.9$			39.7 ± 3.7
203	$\rho^+\rho^-$	< 2200	$30 \pm 4 \pm 5$	$22.8 \pm 3.8^{+2.3}_{-2.6}$			$25.2^{+3.6}_{-3.7}$
205	$\omega\pi^0$	< 3	< 1.2	< 1.5	< 5.5		< 1.2
207	$a_1^\mp\rho^\pm$	< 3400	< 61				< 61

\dagger Product BE \ddagger daughter BE taken to be 100% \ddagger Relative BE converted to absolute BE

Heavy Flavor Averaging Group
 April 2006

Compilation of B^0 Relative Branching Fractions (UL 90% CL)

In PDG2004	New since PDG2004 (preliminary)	New since PDG2004 (published)			
RPP#	Mode	PDG2004 Avg.	CDF	D0	New Avg.
132	$\mathcal{B}(B^0 \rightarrow K^+K^-)/\mathcal{B}(B^0 \rightarrow K^+\pi^-)$		< 0.10		< 0.10
176	$\mathcal{B}(B^0 \rightarrow \pi^+\pi^-)/\mathcal{B}(B^0 \rightarrow K^+\pi^-)$		$0.21 \pm 0.05 \pm 0.03$		0.21 ± 0.06

Charmless Mesonic Decays:

BABAR References

- [1] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. Lett. **95**, 221801 (2005).
- [2] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. Lett. **93**, 181806 (2004).
- [3] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. Lett. **94**, 191802 (2005).
- [4] *BABAR* Collaboration, B. Aubert *et al.*, Phys. Rev. D **70**, 032006 (2004).
- [5] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. D **70**, 111102 (2004).
- [6] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. D **71**, 111102 (2005).
- [7] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. Lett. **91**, 201802 (2003).
- [8] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. Lett. **91**, 051801 (2003).
- [9] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. Lett. **93**, 051802 (2004).
- [10] *BABAR* Collaboration (B. Aubert *et al.*), hep-ex/0408073 (ICHEP 2004 contributed paper).
- [11] *BABAR* Collaboration (B. Aubert *et al.*), hep-ex/0508046 (EPS05 contributed paper).
- [12] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. Lett. **94**, 131801 (2005).
- [13] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. Lett. **94**, 181802 (2005).
- [14] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. Lett. **93**, 181805 (2004).
- [15] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. Lett. **91**, 171802 (2003).
- [16] *BABAR* Collaboration (B. Aubert *et al.*), hep-ex/0603040 (submitted to PRL).
- [17] *BABAR* Collaboration (B. Aubert *et al.*), hep-ex/0603050 (submitted to PRL).
- [18] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. D **69**, 011102 (2004).
- [19] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. Lett. **93**, 231804 (2004).
- [20] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. Lett. **93**, 231801 (2004).
- [21]
- [22] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. Lett. **95**, 131803 (2005).
- [23] J. Kroseberg (for the *BABAR* Collaboration), talk at MoriondQCD 2006.
- [24] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. D **73**, 031101 (2005).
- [25] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. Lett. **95**, 011801 (2005).
- [26] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. D **72**, 052002 (2005).
- [27]
- [28] *BABAR* Collaboration (B. Aubert *et al.*), hep-ex/0408079 (ICHEP 2004 contributed paper).
- [29] *BABAR* Collaboration (B. Aubert *et al.*), hep-ex/0408063 (ICHEP 2004 contributed paper).

- [30] *BABAR* Collaboration (B. Aubert *et al.*), hep-ex/0503018 (Moriond EW2005 contributed paper).
- [31] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. D **71**, 111101 (2005).
- [32] *BABAR* Collaboration (B. Aubert *et al.*), Phys. Rev. D **72**, 072003 (2005).
- [33] *BABAR* Collaboration (B. Aubert *et al.*), hep-ex/0506069 (LepPho05 contributed paper).
- [34] *BABAR* Collaboration (B. Aubert *et al.*), hep-ex/0603013 (submitted to PRDRC).
- [35] Y.-P. Lau (for the *BABAR* Collaboration), talk at MoriondQCD 2006.
- [36] J.G. Smith (for the *BABAR* Collaboration), talk at FPCP 2006.
- [37]
- [38]
- [39]
- [40]

Belle References

- [41] Belle Collaboration (Y. Chao *et al.*), Phys. Rev. D **69**, 111102 (2004).
- [42] H. Aihara (for the Belle Collaboration), talk at FPCP 2003.
- [43]
- [44] Belle Collaboration, (P. Chang *et al.*), Phys. Rev. D **71**, 091106 (2005).
- [45]
- [46] Belle Collaboration, (K. Abe *et al.*), hep-ex/0508052 (EPS2005 contributed paper).
- [47] Belle Collaboration, (K. Abe *et al.*), BELLE-CONF-0408 (ICHEP 2004 contributed paper).
- [48] Belle Collaboration (A. Garmash *et al.*), Phys. Rev. D **69**, 012001 (2004).
- [49] Belle Collaboration, (K. Abe *et al.*), hep-ex/0508007 (EPS2005 contributed paper).
- [50] Belle Collaboration (K. Abe *et al.*), BELLE-CONF-0318, (EPS2003 contributed paper), 2003.
- [51] Belle Collaboration (J. Zhang, M. Nakao *et al.*), Phys. Rev. Lett. **91**, 221801 (2003).
- [52] Belle Collaboration (A. Gordon *et al.*), Phys. Lett. B **542**, 183 (2002).
- [53] Belle Collaboration (H.-C. Huang *et al.*), Phys. Rev. Lett. **91**, 241802 (2003).
- [54] Belle Collaboration (K.-F. Chen *et al.*), Phys. Rev. Lett. **91**, 201801 (2003).
- [55] Belle Collaboration (P. Chang *et al.*), Phys. Lett. B **599**, 148 (2004).
- [56] Belle Collaboration (A. Garmash *et al.*), Phys. Rev. D **71**, 092003 (2005).
- [57] Belle Collaboration (K. Abe *et al.*), Phys. Rev. Lett. **95**, 231802 (2005).
- [58] Belle Collaboration, (J. Zhang *et al.*), Phys. Rev. Lett. **94**, 031801 (2005).
- [59] Belle Collaboration, (Y. Chao *et al.*), Phys. Rev. Lett. **94**, 181803 (2003).
- [60] Belle Collaboration, (K. Abe *et al.*), hep-ex/0509003 (2005).
- [61] Belle Collaboration, (K. Abe *et al.*), hep-ex/0408102, 2004.
- [62] Belle Collaboration, (J. Zhang *et al.*), Phys. Rev. Lett. **95**, 141801 (2005).
- [63] Belle Collaboration, (A. Somov *et al.*), hep-ex/0601024, 2006.
- [64] Belle Collaboration, (J. Schümann *et al.*), hep-ex/0603001 (submitted to PRL).
- [65] Belle Collaboration, (K. Abe *et al.*), BELLE-CONF-0525 (EPS 2005 contributed paper).
- [66] Belle Collaboration, (A. Garmash *et al.*), hep-ex/0512066, 2005.
- [67] Belle Collaboration, (K. Abe *et al.*), hep-ex/0507096 (EPS 2005 contributed paper).
- [68] Belle Collaboration, (K. Abe *et al.*), hep-ex/0509047.
- [69]
- [70]

CLEO References

- [71] CLEO Collaboration (A. Bornheim *et al.*), Phys. Rev. D **68**, 052002 (2003).
- [72] CLEO Collaboration (S.J. Richichi *et al.*), Phys. Rev. Lett. **85**, 520 (2000).
- [73] CLEO Collaboration (R.A. Briere *et al.*), Phys. Rev. Lett. **86**, 3718 (2001).
- [74] CLEO Collaboration (C.P. Jessop *et al.*), Phys. Rev. Lett. **85**, 2881 (2000).
- [75] CLEO Collaboration (R. Godang *et al.*), Phys. Rev. Lett. **88**, 021802 (2002).
- [76] CLEO Collaboration (T. Bergfeld *et al.*), Phys. Rev. Lett. **81**, 272 (1998).
- [77] CLEO Collaboration (E. Eckhart *et al.*), Phys. Rev. Lett. **89**, 251801 (2002).
- [78] CLEO Collaboration (D.M. Asner *et al.*), Phys. Rev. D **53**, 1039 (1996).
- [79] CLEO Collaboration (T. Bergfeld *et al.*), Phys. Rev. Lett. **77** 4503 (1996).
- [80] CLEO Collaboration (B. Behrens *et al.*), Phys. Rev. Lett. **80** 3710 (1998).

CDF References

- [81] CDF Collaboration (D. Acosta *et al.*), Phys. Rev. Lett. **95** 031801 (2005).
- [82] D. Tonelli (for the CDF Collaboration), presented at EPS2005.