

RPP#	Mode	PDG2002 Avg.	BABAR	Belle	CLEO	New Avg.
86	$K^0\pi^+$	$17.3^{+2.7}_{-2.4}$	$22.3 \pm 1.7 \pm 1.1$	$22.0 \pm 1.9 \pm 1.1$	$18.8^{+3.7+2.1}_{-3.3-1.8}$	21.8 ± 1.4
87	$K^+\pi^0$	12.1 ± 1.6	$12.8^{+1.2}_{-1.1} \pm 1.0$	$12.0 \pm 1.3^{+1.3}_{-0.9}$	$12.9^{+2.4+1.2}_{-2.2-1.1}$	$12.5^{+1.1}_{-1.0}$
88	$\eta'K^+$	75 ± 7	$76.9 \pm 3.5 \pm 4.4$	$78 \pm 6 \pm 9$	$80^{+10}_{-9} \pm 7$	$77.6^{+4.6}_{-4.5}$
89	$\eta'K^{*+}$	< 35	< 14	< 90	< 35	< 14
90	ηK^+	< 6.9	$3.4 \pm 0.8 \pm 0.2$	$5.3^{+1.8}_{-1.5} \pm 0.6$	$2.2^{+2.8}_{-2.2}$	3.7 ± 0.7
91	ηK^{*+}	26^{+10}_{-9}	$25.6 \pm 4.0 \pm 2.5$	$26.5^{+7.8}_{-7.0} \pm 3.0$	$26.4^{+9.6}_{-8.2} \pm 3.3$	$25.9^{+3.8}_{-3.6}$
–	$a_0^0(980)K^+ \ddagger$	New	< 1.8			< 1.8
–	$a_0^+(980)K^0 \ddagger$	New	< 3.9			< 3.9
92	ωK^+	< 4	$4.8 \pm 0.8 \pm 0.4$	$6.5^{+1.3}_{-1.2} \pm 0.6$	$3.2^{+2.4}_{-1.9} \pm 0.8$	5.1 ± 0.7
93	ωK^{*+}	< 87			< 87	< 87
94	$K^{*0}\pi^+$	19^{+6}_{-8}	$15.5 \pm 1.8^{+1.5}_{-4.0}$	$8.5 \pm 0.9^{+1.1}_{-0.9}$	$7.6^{+3.5}_{-3.0} \pm 1.6$	$9.0^{+1.3}_{-1.2}$
95	$K^{*+}\pi^0$	< 31			< 31	< 31
96	$K^+\pi^+\pi^-$	56 ± 10	$59.1 \pm 3.8 \pm 3.2$	$45.5 \pm 2.1^{+4.4}_{-3.8}$		52.2 ± 3.5
97	$K^+\pi^+\pi^-(NR)$	< 28	< 17		< 28	< 17
–	$K^0\pi^+\pi^0$	New			< 66	< 66
98	$K^+f_0(980) \dagger$	$9.6^{+4.5}_{-2.9}$	$9.2 \pm 1.2^{+2.1}_{-2.6}$	$10.3 \pm 1.1^{+1.0}_{-2.1}$		$9.9^{+1.3}_{-1.9}$
99	$K^+\rho^0$	< 12	$3.9 \pm 1.2^{+1.3}_{-3.5}$	$3.9 \pm 0.6^{+0.8}_{-0.4}$	$8.4^{+4.0}_{-3.4} \pm 1.8$	$4.1^{+0.9}_{-0.7}$
–	$f_2(1270)K^+$	New		< 6.3		< 6.3
–	$f_2'(1525)K^+$	New		< 12.8		< 12.8
100	$K_2^*(1430)^0\pi^+$	< 680		< 10.5		< 10.5
–	$K^*(1680)^0\pi^+$	New		< 21.0		< 21.0
101	$K^-\pi^+\pi^+$	< 7.0	< 1.8	< 4.5		< 1.8
104	$K^0\rho^+$	< 48			< 48	< 48
106	$K^{*+}\rho^0$	< 74	$10.6^{+3.0}_{-2.6} \pm 2.4$		< 74	$10.6^{+3.8}_{-3.5}$
107	$K^{*+}\overline{K}^{*0}$	< 71			< 71	< 71
110	$K^+\overline{K}^0$	< 2.4	< 2.5	< 3.3	< 3.3	< 2.5
111	$K^+K^-\pi^+$	< 12	< 6.3	< 13		< 6.3
113	$K^+K^+\pi^-$	< 3.2	< 1.3	< 2.4		< 1.3
–	$K_S K_S \pi^+$	New		< 3.2		< 3.2
–	$K^+\overline{K}^0\pi^0$	New			< 24	< 24
115	$\overline{K}^{*0}K^+$	< 5.3			< 5.3	< 5.3
116	$K^+K^-K^+$	35 ± 6	$29.6 \pm 2.1 \pm 1.6$	$29.4 \pm 1.1 \pm 2.1$		29.5 ± 1.8
–	$K^+K_S K_S$	New	$10.7 \pm 1.2 \pm 1.0$	$13.4 \pm 1.9 \pm 1.5$		11.5 ± 1.3
117	ϕK^+	$7.9^{+2.0}_{-1.8}$	$10.0^{+0.9}_{-0.8} \pm 0.5$	$8.6 \pm 0.8 \pm 0.7$	$5.5^{+2.1}_{-1.8} \pm 0.6$	9.0 ± 0.7
120	ϕK^{*+}	10^{+5}_{-4}	$12.7^{+2.2}_{-2.0} \pm 1.1$	$6.7^{+2.1+0.7}_{-1.9-1.0}$	$10.6^{+6.4+1.8}_{-4.9-1.6}$	9.7 ± 1.5
–	$\phi\phi K^+ \S$	New		$2.6^{+1.1}_{-0.9} \pm 0.3$		$2.6^{+1.1}_{-0.9}$
131	$\pi^+\pi^0$	< 9.6	$5.5^{+1.0}_{-0.9} \pm 0.6$	$5.0 \pm 1.2 \pm 0.5$	$4.6^{+1.8+0.6}_{-1.6-0.7}$	5.2 ± 0.8
132	$\pi^+\pi^-\pi^+$	< 130	$10.9 \pm 3.3 \pm 1.6$			10.9 ± 3.7
133	$\rho^0\pi^+$	10 ± 4	$9.5 \pm 1.1 \pm 0.8$	$8.0^{+2.3}_{-2.0} \pm 0.7$	$10.4^{+3.3}_{-3.4} \pm 2.1$	$9.2^{+1.2}_{-1.1}$
134	$\pi^+f_0(980) \dagger$	< 140				< 140
138	$\rho^+\pi^0$	< 43	$10.9 \pm 1.9 \pm 1.9$	$13.2 \pm 2.3^{+1.4}_{-1.5}$	< 43	12.0 ± 1.9
140	$\rho^+\rho^0$	< 1000	$22.5^{+5.7}_{-5.4} \pm 5.8$	$31.7 \pm 7.1^{+3.8}_{-6.7}$		$26.4^{+6.1}_{-6.4}$
143	$\omega\pi^+$	$8.1^{+2.3}_{-2.0}$	$5.5 \pm 0.9 \pm 0.5$	$5.7^{+1.4}_{-1.3} \pm 0.6$	$11.3^{+3.3}_{-2.9} \pm 1.4$	5.9 ± 0.8
144	$\omega\rho^+$	< 61			< 61	< 61
145	$\eta\pi^+$	< 5.7	$5.3 \pm 1.0 \pm 0.3$	$5.4^{+2.0}_{-1.7} \pm 0.6$	$1.2^{+2.8}_{-1.2}$	$4.9^{+0.9}_{-0.8}$
146	$\eta'\pi^+$	< 7	< 4.5	< 7	< 12	< 4.5
147	$\eta'\rho^+$	< 33	< 22		< 33	< 22
148	$\eta\rho^+$	< 15	< 14	< 6.2	< 15	< 6.2
–	$a_0^0(980)\pi^+ \ddagger$	New	< 6.7			< 6.7
149	$\phi\pi^+$	< 1.4	< 0.41		< 5	< 0.41
150	$\phi\rho^+$	< 16			< 16	< 16

\dagger Product BF includes $\mathcal{B}(f_0(980) \rightarrow \pi^+\pi^-)$; \ddagger Includes $\mathcal{B}(a_0(980) \rightarrow \eta\pi)$; $\S M_{\phi\phi} < 2.85 \text{ GeV}/c^2$

RPP#	Mode	PDG2002 Avg.	BABAR	Belle	CLEO	New Avg.
88	$K^+\pi^-$	17.4 ± 1.5	$17.9 \pm 0.9 \pm 0.7$	$18.5 \pm 1.0 \pm 0.7$	$18.0^{+2.3+1.2}_{-2.1-0.9}$	18.2 ± 0.8
89	$K^0\pi^0$	$10.7^{+2.7}_{-2.5}$	$11.4 \pm 1.7 \pm 0.8$	$11.7 \pm 2.3^{+1.2}_{-1.3}$	$12.8^{+4.0+1.7}_{-3.3-1.4}$	11.7 ± 1.4
90	$\eta'K^0$	58^{+14}_{-13}	$60.6 \pm 5.6 \pm 4.6$	$68 \pm 10^{+9}_{-8}$	$89^{+18}_{-16} \pm 9$	$65.2^{+6.0}_{-5.9}$
91	$\eta'K^{*0}$	< 24	< 7.6	< 20	< 24	< 7.6
92	ηK^{*0}	14^{+6}_{-5}	$18.6 \pm 2.3 \pm 1.2$	$16.5^{+4.6}_{-4.2} \pm 1.2$	$13.8^{+5.5}_{-4.6} \pm 1.6$	$17.5^{+2.2}_{-2.1}$
93	ηK^0	< 9.3	< 5.2		< 9.3	< 5.2
–	$a_0^-(980)K^+ \ddagger$	New	< 2.1			< 2.1
–	$a_0^0(980)K^0 \ddagger$	New	< 7.8			< 7.8
94	ωK^0	< 13	$5.9^{+1.6}_{-1.3} \pm 0.5$	$4.0^{+1.9}_{-1.6} \pm 0.5$	$10.0^{+5.4}_{-4.2} \pm 1.4$	$5.5^{+1.2}_{-1.1}$
96	ωK^{*0}	< 23			< 23	< 23
97	K^+K^-	< 1.9	< 0.6	< 0.7	< 0.8	< 0.6
98	$K^0\overline{K}^0$	< 17	< 1.8	< 1.5	< 3.3	< 1.5
99	$K^+\rho^-$	< 32	$7.3^{+1.3}_{-1.2} \pm 1.3$	$15.1^{+3.4+2.4}_{-3.3-2.6}$	$16^{+8}_{-6} \pm 3$	9.0 ± 1.6
100	$K^0\pi^+\pi^-$	< 440	$43.8 \pm 3.8 \pm 3.4$	$45.4 \pm 5.2 \pm 5.9$	$50^{+10}_{-9} \pm 7$	45.0 ± 4.0
–	$K^+\pi^-\pi^0$	New		$36.6^{+4.2}_{-4.1} \pm 3.0$	< 40	$36.6^{+5.2}_{-5.1}$
–	$K^+\pi^-\pi^0(NR)$	New		< 9.4		< 9.4
101	$K^0\rho^0$	< 39		< 12.4	< 39	< 12.4
102	$K^0f_0(980) \dagger$	< 360		< 14		< 14
103	$K^{*+}\pi^-$	< 72		$14.8^{+4.6+2.8}_{-4.4-1.3}$	$16^{+6}_{-5} \pm 2$	$15.3^{+4.1}_{-3.5}$
104	$K^{*0}\pi^0$	< 3.6		< 3.5	< 3.6	< 3.5
–	$K^+K^-\pi^0$	New			< 19	< 19
–	$K^+\overline{K}^0\pi^-$	New		< 18	< 21	< 18
106	$K^+K^-K^0$	< 1300	$23.8 \pm 2.3 \pm 2.2$	$28.3 \pm 3.3 \pm 4.0$		25.0 ± 2.7
–	$K_S K_S K_S$	New		$4.2^{+1.6}_{-1.3} \pm 0.8$		$4.2^{+1.8}_{-1.5}$
107	ϕK^0	$8.1^{+3.2}_{-2.6}$	$8.4^{+1.5}_{-1.3} \pm 0.5$	$9.0^{+2.2}_{-1.8} \pm 0.7$	$5.4^{+3.7}_{-2.7} \pm 0.7$	$8.3^{+1.2}_{-1.0}$
110	$K^{*0}\rho^0$	< 34			< 34	< 34
115	ϕK^{*0}	$9.5^{+2.4}_{-2.0}$	$11.2 \pm 1.3 \pm 0.8$	$10.0^{+1.6+0.7}_{-1.5-0.8}$	$11.5^{+4.5+1.8}_{-3.7-1.7}$	10.7 ± 1.1
116	$K^{*0}\overline{K}^{*0}$	< 22			< 22	< 22
118	$K^{*+}K^{*-}$	< 141			< 141	< 141
133	$\pi^+\pi^-$	4.4 ± 0.9	$4.7 \pm 0.6 \pm 0.2$	$4.4 \pm 0.6 \pm 0.3$	$4.5^{+1.4+0.5}_{-1.2-0.4}$	4.6 ± 0.4
134	$\pi^0\pi^0$	< 5.7	$2.1 \pm 0.6 \pm 0.3$	$1.7 \pm 0.6 \pm 0.2$	< 4.4	1.9 ± 0.5
135	$\eta\pi^0$	< 2.9	< 2.5		< 2.9	< 2.5
136	$\eta\eta$	< 18	< 2.8		< 18	< 2.8
137	$\eta'\pi^0$	< 5.7	< 3.7		< 5.7	< 3.7
138	$\eta'\eta'$	< 47	< 10		< 47	< 10
139	$\eta'\eta$	< 27	< 4.6		< 27	< 4.6
140	$\eta'\rho^0$	< 12	< 4.3	< 14	< 12	< 4.3
141	$\eta\rho^0$	< 10	< 1.5	< 5.5	< 10	< 1.5
–	$a_0^-(980)\pi^+ \ddagger$	New	< 5.1			< 5.1
142	$\omega\eta$	< 12	$4.0^{+1.3}_{-1.2} \pm 0.4$		< 12	$4.0^{+1.4}_{-1.3}$
143	$\omega\eta'$	< 60	< 2.8		< 60	< 2.8
144	$\omega\rho^0$	< 11			< 11	< 11
146	$\phi\pi^0$	< 5	< 1.0		< 5	< 1.0
147	$\phi\eta$	< 9	< 1.0		< 9	< 1.0
148	$\phi\eta'$	< 31	< 4.5		< 31	< 4.5
149	$\phi\rho^0$	< 13			< 13	< 13
151	$\phi\phi$	< 12	< 1.5		< 12	< 1.5
153	$\rho^0\pi^0$	< 5.5	< 2.9	$5.1 \pm 1.6 \pm 0.8$	< 5.5	< 2.9
154	$\rho^+\pi^-$	28 ± 9	$22.6 \pm 1.8 \pm 2.2$	$29.1^{+5.0}_{-4.9} \pm 4.0$	$27.6^{+8.4}_{-7.4} \pm 4.2$	24.0 ± 2.5
156	$\rho^0\rho^0$	< 18	< 2.1		< 18	< 2.1
160	$\rho^+\rho^-$	< 2200	$30 \pm 4 \pm 5$			30 ± 6
162	$\omega\pi^0$	< 3	< 1.2	< 1.9	< 5.5	< 1.2

†Product BF includes $\mathcal{B}(f_0(980) \rightarrow \pi^+\pi^-)$; ‡ Includes $\mathcal{B}(a_0(980) \rightarrow \eta\pi)$;

Charmless Mesonic Decays:

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