Meson Full Listings

B^0

$\Gamma(K^*(1680)^0\gamma)/\Gamma_{total}$ Γ_{82}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.0020	90	[147] ALBRECHT	89G	ARG	$e^+e^- \to \Upsilon(4S)$

[147] ALBRECHT 89G reports < 0.0022 assuming the $\Upsilon(4S)$ decays 45% to $B^0\overline{B}^0$. We rescale to 50%.

$\Gamma(K_3^*(1780)^0\gamma)/\Gamma_{total}$ Γ_{83}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.010	90	[148] ALBRECHT	89G	ARG	$e^+e^- \to \Upsilon(4S)$

[148] ALBRECHT 89G reports < 0.011 assuming the $\Upsilon(4S)$ decays 45% to $B^0\overline{B}^0$. We rescale to 50%.

$\Gamma(K_4^*(2045)^0\gamma)/\Gamma_{total}$ Γ_{84}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.0043	90	[149] ALBRECHT	89G	ARG	$e^+e^- \to \Upsilon(4S)$

[149] ALBRECHT 89G reports < 0.0048 assuming the $\Upsilon(4S)$ decays 45% to $B^0\overline{B}^0$. We rescale to 50%.

$\Gamma(\pi^+\pi^-)/\Gamma_{total}$ Γ_{85}/Γ

VALUE	CL%	EVTS	DOCUMENT ID		TECN	COMMENT
$<2.9\times10^{-5}$	90		[150] BATTLE	93	CLE2	$e^+e^- \to \Upsilon(4S)$
• • • We do not use the following data for averages, fits, limits, etc. • • •						
$<1.3\times10^{-4}$	90		[150] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$
$<7.7\times10^{-5}$	90		[151] BORTOLETTO	89	CLEO	$e^+e^- \to \Upsilon(4S)$
$<2.6\times10^{-4}$	90		[151] BEBEK	87	CLEO	$e^+e^- \to \Upsilon(4S)$
$<5\times10^{-4}$	90	4	GILES	84	CLEO	$e^+e^- \to \Upsilon(4S)$

[150] Assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.
[151] Paper assumes the $\Upsilon(4S)$ decays 43% to $B^0\overline{B}^0$. We rescale to 50%.

$\Gamma(\pi^+\pi^-\pi^0)/\Gamma_{total}$ Γ_{86}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<7.2\times10^{-4}$	90	[152] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$

[152] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.

$\Gamma(\rho^0\pi^0)/\Gamma_{total}$ Γ_{87}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<4.0\times10^{-4}$	90	[153] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$

[153] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.

$\Gamma(\rho^\mp\pi^\pm)/\Gamma_{total}$ Γ_{88}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<5.2\times10^{-4}$	90	[154] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<5.2\times10^{-3}$	90	[155] BEBEK	87	CLEO	$e^+e^- \to \Upsilon(4S)$

[154] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.
[155] BEBEK 87 reports $< 6.1\times10^{-3}$ assuming the $\Upsilon(4S)$ decays 43% to $B^0\overline{B}^0$. We rescale to 50%.

$\Gamma(\pi^+\pi^-\pi^+\pi^-)/\Gamma_{total}$ Γ_{89}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<6.7\times10^{-4}$	90	[156] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$

[156] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.

$\Gamma(\rho^0\rho^0)/\Gamma_{total}$ Γ_{90}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<2.8\times10^{-4}$	90	[157] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<2.9\times10^{-4}$	90	[158] BORTOLETTO	89	CLEO	$e^+e^- \to \Upsilon(4S)$
$<4.3\times10^{-4}$	90	[158] BEBEK	87	CLEO	$e^+e^- \to \Upsilon(4S)$

[157] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.
[158] Paper assumes the $\Upsilon(4S)$ decays 43% to $B^0\overline{B}^0$. We rescale to 50%.

$\Gamma(a_1(1260)^\mp\pi^\pm)/\Gamma_{total}$ Γ_{91}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<4.9\times10^{-4}$	90	[159] BORTOLETTO	89	CLEO	$e^+e^- \to \Upsilon(4S)$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<6.3\times10^{-4}$	90	[160] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$
$<1.0\times10^{-3}$	90	[159] BEBEK	87	CLEO	$e^+e^- \to \Upsilon(4S)$

[159] Paper assumes the $\Upsilon(4S)$ decays 43% to $B^0\overline{B}^0$. We rescale to 50%.
[160] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.

$\Gamma(a_2(1320)^\mp\pi^\pm)/\Gamma_{total}$ Γ_{92}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<3.0\times10^{-4}$	90	[161] BORTOLETTO	89	CLEO	$e^+e^- \to \Upsilon(4S)$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<1.4\times10^{-3}$	90	[161] BEBEK	87	CLEO	$e^+e^- \to \Upsilon(4S)$

[161] Paper assumes the $\Upsilon(4S)$ decays 43% to $B^0\overline{B}^0$. We rescale to 50%.

$\Gamma(\pi^+\pi^-\pi^0\pi^0)/\Gamma_{total}$ Γ_{93}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<3.1\times10^{-3}$	90	[162] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$

[162] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.

$\Gamma(\rho^+\rho^-)/\Gamma_{total}$ Γ_{94}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<2.2\times10^{-3}$	90	[163] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$

[163] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.

$\Gamma(a_1(1260)^0\pi^0)/\Gamma_{total}$ Γ_{95}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<1.1\times10^{-3}$	90	[164] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$

[164] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.

$\Gamma(\omega\pi^0)/\Gamma_{total}$ Γ_{96}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<4.6\times10^{-4}$	90	[165] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$

[165] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.

$\Gamma(\eta\pi^0)/\Gamma_{total}$ Γ_{97}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<1.8\times10^{-3}$	90	[166] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$

[166] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.

$\Gamma(\pi^+\pi^+\pi^-\pi^-\pi^0)/\Gamma_{total}$ Γ_{98}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<9.0\times10^{-3}$	90	[167] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$

[167] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.

$\Gamma(a_1(1260)^+\rho^-)/\Gamma_{total}$ Γ_{99}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<3.4\times10^{-3}$	90	[168] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$

[168] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.

$\Gamma(a_1(1260)^0\rho^0)/\Gamma_{total}$ Γ_{100}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<2.4\times10^{-3}$	90	[169] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$

[169] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.

$\Gamma(\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-)/\Gamma_{total}$ Γ_{101}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<3.0\times10^{-3}$	90	[170] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$

[170] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.

$\Gamma(a_1(1260)^+a_1(1260)^-)/\Gamma_{total}$ Γ_{102}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<2.8\times10^{-3}$	90	[171] BORTOLETTO	89	CLEO	$e^+e^- \to \Upsilon(4S)$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<6.0\times10^{-3}$	90	[172] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$

[171] BORTOLETTO 89 reports $< 3.2\times10^{-3}$ assuming the $\Upsilon(4S)$ decays 43% to $B^0\overline{B}^0$. We rescale to 50%.
[172] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.

$\Gamma(\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^0)/\Gamma_{total}$ Γ_{103}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<1.1\times10^{-2}$	90	[173] ALBRECHT	90B	ARG	$e^+e^- \to \Upsilon(4S)$

[173] ALBRECHT 90B limit assumes equal production of $B^0\overline{B}^0$ and B^+B^- at $\Upsilon(4S)$.

$\Gamma(p\overline{p})/\Gamma_{total}$ Γ_{104}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<3.4\times10^{-5}$	90	[174] BORTOLETTO	89	CLEO	$e^+e^- \to \Upsilon(4S)$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<1.2\times10^{-4}$	90	[175] ALBRECHT	88F	ARG	$e^+e^- \to \Upsilon(4S)$
$<1.7\times10^{-4}$	90	[174] BEBEK	87	CLEO	$e^+e^- \to \Upsilon(4S)$

[174] Paper assumes the $\Upsilon(4S)$ decays 43% to $B^0\overline{B}^0$. We rescale to 50%.
[175] ALBRECHT 88F reports $< 1.3\times10^{-4}$ assuming the $\Upsilon(4S)$ decays 45% to $B^0\overline{B}^0$. We rescale to 50%.

$\Gamma(p\overline{p}\pi^+\pi^-)/\Gamma_{total}$ Γ_{105}/Γ

VALUE (units 10^{-4})	CL%	DOCUMENT ID		TECN	COMMENT
<2.5	90	[176] BEBEK	89	CLEO	$e^+e^- \to \Upsilon(4S)$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$5.4\pm1.8\pm2.0$		[177] ALBRECHT	88F	ARG	$e^+e^- \to \Upsilon(4S)$

[176] BEBEK 89 reports $< 2.9\times10^{-4}$ assuming the $\Upsilon(4S)$ decays 43% to $B^0\overline{B}^0$. We rescale to 50%.
[177] ALBRECHT 88F reports $6.0 \pm 2.0 \pm 2.2$ assuming the $\Upsilon(4S)$ decays 45% to $B^0\overline{B}^0$. We rescale to 50%.