Reference = MIZUK 16; PRL 117 142001

Verifier code = BELLE

Normally we send all verifications for one experiment to one person, usually the spokesperson or data-analysis coordinator, who then distributes them to the appropriate people. Please tell us if we should send the verifications for your experiment to someone else.

PLEASE READ NOW

PLEASE REPLY WITHIN ONE WEEK

Karim Trabelsi

EMAIL: karim.trabelsi@kek.jp

March 20, 2017

Dear Colleague,

- (1) Please check the results of your experiment carefully. They are marked.
- (2) Please reply within one week.
- (3) Please reply even if everything is correct.
- (4) IMPORTANT!! Please tell WHICH papers you are verifying. We have lots of requests out.
- (5) Feel free to make comments on our treatment of any of the results (not just yours) you see.

Thank you for helping us make the Review accurate and useful.

Sincerely,

Simon Eidelman BINP, Budker Inst. of Nuclear Physics Prospekt Lavrent'eva 11 RU-630090 Novosibirsk Russian Federation

EMAIL: simon.eidelman@cern.ch

bb MESONS

$X(10610)^{\pm}$

$$I^{G}(J^{P}) = 1^{+}(1^{+})$$

Observed by BONDAR 12 in $\Upsilon(5S)$ decays to $\Upsilon(\mathsf{nS})\pi^+\pi^-$ (n = 1, 2, 3) and $h_b(mP)\pi^+\pi^-$ (m = 1, 2). $J^P = 1^+$ is favored from angular analyses. lsospin = 1 is favored due to observation by KROKOVNY 13 of a corresponding neutral state produced in $\Upsilon(10860) \rightarrow \Upsilon(2S)/\Upsilon(3S)\pi^0\pi^0$ decays at a consistent mass.

NODE=MXXX030

NODE=M207

NODE=M207

$X(10610)^{\pm}$ BRANCHING RATIOS

$\Gamma(h_b(1P)\pi^+)/\Gamma_{\text{total}}$ VALUE (units 10⁻²) DOCUMENT ID TECN COMMENT $3.45 \substack{+0.87 + 0.86 \\ -0.71 - 0.63}$ $e^+e^- ightarrow \pi^-B^+\overline{B}{}^{*0}$, ¹⁰ GARMASH 16 BELL $\pi^- \overline{B}{}^0 B^{*+}$

NODE=M207225

NODE=M207R04 NODE=M207R04

 Γ_4/Γ

 Γ_5/Γ

• • • We do not use the following data for averages, fits, limits, etc. • • •

YOUR DATA

¹¹ MIZUK 16 BELL $e^+e^- \to h_b(1P)\pi^+\pi^$ possibly seen 12 BELL $e^+e^- \to h_h^-(1P)\pi^+\pi^-$ ¹² BONDAR

 10 Assuming the $X(10610)^{\pm}$ decay width is saturated by the channels π^+ $\Upsilon(1S,2S,3S)$, $\pi^+ h_b(1P, 2P)$, and $B^+ \overline{B}^{*0} + \overline{B}^0 B^{*+}$, and using the results from BONDAR 12 and 11 Using $e^+\,e^-$ energies near the $\Upsilon(11020)$.

NODE=M207R05 NODE=M207R05

NODE=M207R04;LINKAGE=A NODE=M207R04:LINKAGE=B

NODE=M207R04;LINKAGE=C

YOUR NOTE

 12 Using e^+e^- energies near the $\Upsilon(10860)$

 $\Gamma(h_b(2P)\pi^+)/\Gamma_{\text{total}}$

VALUE (units 10⁻²)

DOCUMENT ID TECN ¹³ GARMASH

COMMENT $e^+e^- \rightarrow \pi^-B^+\overline{B}^{*0}$, **BELL** $\pi^- \overline{B}{}^0 B^{*+}$

• • • We do not use the following data for averages, fits, limits, etc. • • •

YOUR DATA

YOUR NOTE

possibly seen

 $4.67^{igoplus 1.24}_{-1.00}^{+1.24}_{-0.89}^{+1.18}$

¹⁴ MIZUK $^{15}\,\mathrm{BONDAR}$ 16 BELL $e^+e^- \to h_b(2P)\pi^+\pi^-$ 12 BELL $e^+e^- \to h_b^-(2P)\pi^+\pi^-$

¹³ Assuming the $X(10610)^{\pm}$ decay width is saturated by the channels $\pi^+ \Upsilon(1S, 2S, 3S)$, $\pi^+ h_b(1P, 2P)$, and $B^+ \overline{B}^{*0} + \overline{B}^0 B^{*+}$, and using the results from BONDAR 12 and

NODE=M207R05;LINKAGE=C

NODE=M207R05:LINKAGE=A NODE=M207R05:LINKAGE=B

 14 Using e^+e^- energies near the $\Upsilon(11020)$.

¹⁵ Using e^+e^- energies near the $\Upsilon(10860)$.

$X(10610)^{\pm}$ REFERENCES

YOUR PAPER

GARMASH PRL 116 212001 PRL 117 142001 MIZUK 16 KROKOVNY PR D88 052016 13 PRL 108 122001 **BONDAR**

A. Garmash et al. R. Mizuk et al. P. Krokovny et al. A. Bondar et al.

(BELLE Collab.) (BELLE Collab.) (BELLE Collab.) (BELLE Collab.)

REFID=57446 REFID=57465 REFID=55588 REFID=53963 NODE=M208

NODE=M207

$$I^{G}(J^{P}) = ?^{+}(1^{+})$$

OMITTED FROM SUMMARY TABLE

Observed by BONDAR 12 in $\Upsilon(5S)$ decays to $\Upsilon(nS)\pi^+\pi^-$ (n = 1, 2, 3) and $h_b(\text{mP})\pi^+\pi^-$ (m = 1, 2). $J^P = 1^+$ is favored from angular analyses.

NODE=M208

$X(10650)^{\pm}$ BRANCHING RATIOS

NODE=M208225

	$\Gamma(h_b(1P)\pi^+)/\Gamma_{ ext{total}}$ Γ_4/Γ VALUE (units 10^{-2}) DOCUMENT ID TECN COMMENT	NODE=M208R04 NODE=M208R04
	8.41+2.43+1.49 10 GARMASH 16 BELL $e^+e^- \rightarrow \pi^- B^{*+} \overline{B}^{*0}$	
	• • • We do not use the following data for averages, fits, limits, etc. • •	
YOUR DATA	seen 11 MIZUK 16 BELL $e^+e^- \rightarrow h_b(1P)\pi^+\pi^-$ seen 12 BONDAR 12 BELL $e^+e^- \rightarrow h_b(1P)\pi^+\pi^-$	
	¹⁰ Assuming the $X(10650)^{\pm}$ decay width is saturated by the channels $\pi^+ \Upsilon(1S, 2S, 3S)$, $\pi^+ h_b(1P, 2P)$, and $B^{*+} \overline{B}^{*0}$, and using the results from BONDAR 12 and MIZUK 16.	NODE=M208R04;LINKAGE=C
YOUR NOTE	11 Using e^+e^- energies near the $\Upsilon(11020)$. 12 Using e^+e^- energies near the $\Upsilon(10860)$.	NODE=M208R04;LINKAGE=A NODE=M208R04;LINKAGE=B
	$\Gamma(h_b(2P)\pi^+)/\Gamma_{ ext{total}}$ Γ_5/Γ $ ext{VALUE (units 10^{-2})} ext{DOCUMENT ID} ext{TECN} ext{COMMENT}$	NODE=M208R05 NODE=M208R05
	14.7 $^{+3.2}_{-2.8}$ $^{+2.8}_{-2.3}$ 13 GARMASH 16 BELL $e^+e^- \rightarrow \pi^- B^{*+} \overline{B}^{*0}$	
VOUD DATA	• • • We do not use the following data for averages, fits, limits, etc. • • • possibly seen 14 MIZUK 16 BELL $e^+e^- \rightarrow h_L(2P)\pi^+\pi^-$	
YOUR DATA	seen 15 BONDAR 12 BELL $e^+e^- \rightarrow h_b(2P)\pi^+\pi^-$	
	¹³ Assuming the $X(10650)^{\pm}$ decay width is saturated by the channels π^+ $\Upsilon(1S, 2S, 3S)$, $\pi^+ h_b(1P, 2P)$, and $B^{*+} \overline{B}^{*0}$, and using the results from BONDAR 12 and MIZUK 16.	NODE=M208R05;LINKAGE=C
YOUR NOTE	14 Using e^+e^- energies near the $\varUpsilon(11020)$. 15 Using e^+e^- energies near the $\varUpsilon(10860)$.	NODE=M208R05;LINKAGE=A NODE=M208R05;LINKAGE=B
	$X(10650)^{\pm}$ REFERENCES	NODE=M208
YOUR PAPER	GARMASH 16 PRL 116 212001 A. Garmash et al. (BELLE Collab.) MIZUK 16 PRL 117 142001 R. Mizuk et al. (BELLE Collab.) BONDAR 12 PRL 108 122001 A. Bondar et al. (BELLE Collab.)	REFID=57446 REFID=57465 REFID=53963 NODE=M092
	$\Upsilon(10860)$ $I^{G}(J^{PC}) = 0^{-}(1^{-})$	11052=11032
	τ(10860) MASS	NODE=M092M
	VALUE (MeV) DOCUMENT ID TECN COMMENT	NODE=M092M
	10889.9 ⁺ 3.2 OUR AVERAGE	
YOUR DATA	$10884.7^{+\ 3.6+8.9}_{-\ 3.4-1.0}$ 1 MIZUK 16 BELL $^{e^{+}e^{-}}_{-}$ $^{h}_{b}$ $^{(1P,2P)}\pi^{+}\pi^{-}$	
	10891.1 \pm 3.2 $^{+1.2}_{-2.0}$ 2 SANTEL 16 BELL $e^+e^- \rightarrow \ensuremath{\varUpsilon}(1S,2S,3S) \pi^+\pi^-$	OCCUR=2
	• • • We do not use the following data for averages, fits, limits, etc. • • •	
	$10881.8^{+}_{-} \stackrel{1.0}{1.1} \pm 1.2$ 3.4 SANTEL 16 BELL $e^{+}e^{-} \rightarrow \text{ hadrons}$	
	10879 \pm 3	OCCUR=2
	$10888.4^{+}_{-} \stackrel{2.7}{2.6} \pm 1.2$ 7 CHEN 10 BELL $e^{+}e^{-} \rightarrow \Upsilon(1S, 2S, 3S)\pi^{+}\pi^{-}$ 10876 \pm 2 5 AUBERT 09E BABR $e^{+}e^{-} \rightarrow$ hadrons	
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	OCCUR=2
YOUR NOTE	¹ From a simultaneous fit to the $h_b(\text{nP})\pi^+\pi^-$, $n=1$, 2 cross sections at 22 energy points within $\sqrt{s}=10.77$ – 11.02 GeV to a pair of interfering Breit-Wigner amplitudes modified by phase space factors, with eight resonance parameters (a mass and width for each of $\Upsilon(10860)$ and $\Upsilon(11020)$, a single relative phase, a single relative amplitude, and two overall normalization factors, one for each n). The systematic error estimate is dominated by possible interference with a small nonresonant continuum amplitude.	NODE=M092M;LINKAGE=D
	² From a simultaneous fit to the $\Upsilon(nS)\pi^+\pi^-$, $n=1, 2, 3$ cross sections at 25 energy points within $\sqrt{s}=10.6$ – 11.05 GeV to a pair of interfering Breit-Wigner amplitudes modified by phase space factors, with fourteen resonance parameters (a mass, width, and three amplitudes for each of $\Upsilon(10860)$ and $\Upsilon(11020)$, a single universal relative phase, and three decoherence coefficients, one for each n). Continuum contributions were measured (and therefore fixed) to be zero.	NODE=M092M;LINKAGE=C
	3 From a fit to the total hadronic cross sections measured at 60 energy points within $\sqrt{s}=10.82$ –11.05 GeV to a pair of interfering Breit-Wigner amplitudes and two floating continuum amplitudes with $1/\sqrt{s}$ dependence, one coherent with the resonances and	NODE=M092M;LINKAGE=A

one incoherent, with six resonance parameters (a mass, width, and an amplitude for each of $\Upsilon(10860)$ and $\Upsilon(11020)$, one relative phase, and one decoherence coefficient).

 4 Not including uncertain and potentially large systematic errors due to assumed continuum amplitude $1/\sqrt{s}$ dependence and related interference contributions.

 5 In a model where a flat non-resonant $b\overline{b}$ -continuum is incoherently added to a second flat component interfering with two Breit-Wigner resonances. Systematic uncertainties not estimated. $^6\,\mathrm{The}$ parameters of the $\varUpsilon(11020)$ are fixed to those in AUBERT 09E.

 7 In a model where a flat nonresonant $\Upsilon(1{\sf S},2{\sf S},3{\sf S})\pi^+\pi^-$ continuum interferes with a single Breit-Wigner resonance.

 8 In a model where a non-resonant $b\overline{b}$ -continuum represented by a threshold function at \sqrt{s} =2 m_R is incoherently added to a flat component interfering with two Breit-Wigner resonances. Not independent of other AUBERT 09E results. Systematic uncertainties $_{\rm 9}^{\rm 9}$ not estimated. $_{\rm 9}^{\rm 9}$ Assuming four Gaussians with radiative tails and a single step in $\it R$.

 $^{10}\,\mathrm{ln}$ a coupled-channel model with three resonances and a smooth step in R.

NODE=M092M;LINKAGE=CH

NODE=M092M;LINKAGE=B

NODE=M092M;LINKAGE=AU

NODE=M092M;LINKAGE=CE

NODE=M092M;LINKAGE=UB

NODE=M092M;LINKAGE=BE NODE=M092M;LINKAGE=LO

Υ (10860) WIDTH

VALUE (MeV) DOCUMENT ID TECN COMMENT

NODE=M092W

NODE=M092W

YOUR DATA

51 $\frac{+}{-}$ $\frac{6}{7}$ OUR AVERAGE

 $40.6^{+12.7}_{-8.0}^{+11.7}_{-19.1}$ 16 BELL $e^+e^- \to h_h(1P, 2P)\pi^+\pi^ ^{11}\,\mathrm{MIZUK}$ 53.7^{+}_{-} $\begin{array}{ccc} 7.1 + & 1.3 \\ - & 5.6 - & 5.4 \end{array}$ 16 BELL $e^+e^- \to \Upsilon(1S, 2S, 3S)\pi^+\pi^-$

OCCUR=2

• • • We do not use the following data for averages, fits, limits, etc. • • •

48	$.5^{+}_{-}$ 1.9^{+}_{-} 2.8	^{13,14} SANTEL	16	BELL	$e^+e^- ightarrow ext{hadrons}$
46	+ 9 - 7	^{15,16} CHEN	10	BELL	$e^{\displaystyle +}e^{\displaystyle -}\rightarrow hadrons$
30	$.7^{+}_{-}$ $\overset{8.3}{7.0}$ \pm 3.1	¹⁷ CHEN	10	BELL	$e^+e^- \rightarrow \Upsilon(1S, 2S, 3S)\pi^+\pi^-$
43	± 4	¹⁵ AUBERT	09E	BABR	$e^+e^- o$ hadrons
74	± 4	¹⁸ AUBERT	09E	BABR	$e^+e^- o$ hadrons
112	± 17 ± 23	¹⁹ BESSON	85	CLEO	$e^+e^- o$ hadrons
110	± 15	²⁰ LOVELOCK	85	CUSB	$e^+e^- o$ hadrons

YOUR NOTE

¹¹ From a simultaneous fit to the $h_b(nP)\pi^+\pi^-$, n=1, 2 cross sections at 22 energy points within $\sqrt{s}=10.77$ – $11.02~{\rm GeV}$ to a pair of interfering Breit-Wigner amplitudes modified by phase space factors, with eight resonance parameters (a mass and width for each of $\Upsilon(10860)$ and $\Upsilon(11020)$, a single relative phase, a single relative amplitude, and two overall normalization factors, one for each n). The systematic error estimate is dominated by possible interference with a small nonresonant continuum amplitude.

 12 From a simultaneous fit to the $\Upsilon({
m nS})\pi^+\pi^-$, n=1, 2, 3 cross sections at 25 energy points within $\sqrt{s} = 10.6-11.05$ GeV to a pair of interfering Breit-Wigner amplitudes modified by phase space factors, with fourteen resonance parameters (a mass, width, and three amplitudes for each of $\Upsilon(10860)$ and $\Upsilon(11020)$, a single universal relative phase, and three decoherence coefficients, one for each n). Continuum contributions were measured (and therefore fixed) to be zero.

 13 From a fit to the total hadronic cross sections measured at 60 energy points within \sqrt{s} = 10.82-11.05 GeV to a pair of interfering Breit-Wigner amplitudes and two floating continuum amplitudes with $1/\sqrt{s}$ dependence, one coherent with the resonances and one incoherent, with six resonance parameters (a mass, width, and an amplitude for each of $\Upsilon(10860)$ and $\Upsilon(11020)$, one relative phase, and one decoherence coefficient).

 $^{14}\,\mathrm{Not}$ including uncertain and potentially large systematic errors due to assumed continuum amplitude $1/\sqrt{s}$ dependence and related interference contributions.

 15 In a model where a flat non-resonant $b\overline{b}$ -continuum is incoherently added to a second flat component interfering with two Breit-Wigner resonances. Systematic uncertainties not estimated.

 16 The parameters of the $\varUpsilon(11020)$ are fixed to those in AUBERT 09E.

 17 In a model where a flat nonresonant $\Upsilon(1{
m S},2{
m S},3{
m S})\pi^+\pi^-$ continuum interferes with a single Breit-Wigner resonance.

 18 In a model where a non-resonant $^{b}\overline{b}$ -continuum represented by a threshold function at $\sqrt{s}=2m_B$ is incoherently added to a flat component interfering with two Breit-Wigner resonances. Not independent of other AUBERT 09E results. Systematic uncertainties not estimated.

 19 Assuming four Gaussians with radiative tails and a single step in R.

 20 In a coupled-channel model with three resonances and a smooth step in R.

OCCUR=2

OCCUR=2

NODE=M092W;LINKAGE=D

NODE=M092W;LINKAGE=C

NODE=M092W;LINKAGE=A

NODE=M092W;LINKAGE=B

NODE=M092W;LINKAGE=AU

NODE=M092W;LINKAGE=CH NODE=M092W;LINKAGE=CE

NODE=M092W;LINKAGE=UB

NODE=M092W;LINKAGE=BE NODE=M092W;LINKAGE=LO

Υ (10860) BRANCHING RATIOS

"OUR EVALUATION" is obtained based on averages of rescaled data listed below. The averages and rescaling were performed by the Heavy Flavor Averaging Group (HFAG) and are described at http://www.slac.stanford.edu/xorg/hfag/.

NODE=M092230

NODE=M092230

$\Gamma(h_b(1P)\pi^+\pi^-)/\Gamma(h_b($	$(2P)\pi^{+}\pi^{-}$
VALUE	DOCUMENT II

 Γ_{21}/Γ_{22}

NODE=M092R00 NODE=M092R00

YOUR DATA

DOCUMENT ID		<u> TECN</u>	COMMENT	
MIZUK	16	BELL	$e^+e^- \to$	$h_b(1P, 2P)\pi^+\pi^-$

Υ (10860) REFERENCES

NODE=M092

YOUR PAPER

MIZUK	16	PRL 117 142001	R. Mizuk et al.	(BELLE Collab.)
SANTEL	16	PR D93 011101	D. Santel et al.	(BELLE Collab.)
CHEN	10	PR D82 091106	KF. Chen et al.	(BELLE Collab.)
AUBERT	09E	PRL 102 012001	B. Aubert et al.	(BABAR Collab.)
BESSON	85	PRL 54 381	D. Besson et al.	(CLEO Collab.)
LOVELOCK	85	PRL 54 377	D.M.J. Lovelock et al.	(CUSB Collab.)

REFID=57465 REFID=57121 REFID=53531 REFID=52661 REFID=22368 REFID=22369 NODE=M093

11020

$$I^{G}(J^{PC}) = 0^{-}(1^{-})$$

T(11020) MASS

NODE=M093M

VALUE (MeV)

DOCUMENT ID TECN COMMENT

NODE=M093M

10992.9 + 10.0 OUR AVERAGE

YOUR DATA

• • • We do not use the following data for averages, fits, limits, etc. • • •

YOUR NOTE

- ¹ From a simultaneous fit to the $h_b(nP)\pi^+\pi^-$, n=1, 2 cross sections at 22 energy points within $\sqrt{s}=$ 10.77–11.02 GeV to a pair of interfering Breit-Wigner amplitudes modified by phase space factors, with eight resonance parameters (a mass and width for each of $\Upsilon(10860)$ and $\Upsilon(11020)$, a single relative phase, a single relative amplitude, and two overall normalization factors, one for each n). The systematic error estimate is dominated by possible interference with a small nonresonant continuum amplitude.
- ² From a simultaneous fit to the $\Upsilon(nS)\pi^+\pi^-$, n=1, 2, 3 cross sections at 25 energy points within $\sqrt{s}=10.6$ – $11.05~{
 m GeV}$ to a pair of interfering Breit-Wigner amplitudes modified by phase space factors, with fourteen resonance parameters (a mass, width, and three amplitudes for each of $\Upsilon(10860)$ and $\Upsilon(11020)$, a single universal relative phase, and three decoherence coefficients, one for each n). Continuum contributions were measured (and therefore fixed) to be zero.
- 3 From a fit to the total hadronic cross sections measured at 60 energy points within \sqrt{s} = 10.82-11.05 GeV to a pair of interfering Breit-Wigner amplitudes and two floating continuum amplitudes with $1/\sqrt{s}$ dependence, one coherent with the resonances and one incoherent, with six resonance parameters (a mass, width, and an amplitude for each of $\Upsilon(10860)$ and $\Upsilon(11020)$, one relative phase, and one decoherence coefficient).
- 4 Not including uncertain and potentially large systematic errors due to assumed continuum amplitude $1/\sqrt{s}$ dependence and related interference contributions.
- ⁵ In a model where a flat non-resonant $b\overline{b}$ -continuum is incoherently added to a second flat component interfering with two Breit-Wigner resonances. Systematic uncertainties not estimated.

OCCUR=2

NODE=M093M;LINKAGE=D

NODE=M093M;LINKAGE=C

NODE=M093M;LINKAGE=A

NODE=M093M:LINKAGE=B

NODE=M093M;LINKAGE=AU

Υ (11020) WIDTH

NODE=M093W VALUE (MeV) DOCUMENT ID TECN COMMENT

49 $^{+}_{-15}^{9}$ OUR AVERAGE

YOUR DATA

OCCUR=2

NODE=M093W

• • • We do not use the following data for averages, fits, limits, etc. • • •

39.3^{+}_{-} $\begin{array}{ccc} 1.7 + & 1.3 \\ - & 1.6 - & 2.4 \end{array}$	^{8,9} SANTEL	16	BELL	$e^+e^-\to$	hadrons
37 ± 3	¹⁰ AUBERT	09E	BABR	$e^+e^- \rightarrow$	hadrons
$61\pm13\pm22$	BESSON	85	CLEO	e^+e^-	hadrons
90 ±20	LOVELOCK	85	CUSB	$e^+e^ \rightarrow$	hadrons

YOUR NOTE

 6 From a simultaneous fit to the $h_b({\rm nP})\pi^+\pi^-$, $n=1,\,2$ cross sections at 22 energy points within $\sqrt{s}=10.77\text{-}11.02$ GeV to a pair of interfering Breit-Wigner amplitudes modified by phase space factors, with eight resonance parameters (a mass and width for each of $\Upsilon(10860)$ and $\Upsilon(11020)$, a single relative phase, a single relative amplitude, and two overall normalization factors, one for each n). The systematic error estimate is dominated by possible interference with a small nonresonant continuum amplitude.

⁷ From a simultaneous fit to the $\Upsilon(nS)\pi^+\pi^-$, $n{=}1$, 2, 3 cross sections at 25 energy points within $\sqrt{s}=10.6{-}11.05$ GeV to a pair of interfering Breit-Wigner amplitudes modified by phase space factors, with fourteen resonance parameters (a mass, width, and three amplitudes for each of $\Upsilon(10860)$ and $\Upsilon(11020)$, a single universal relative phase, and three decoherence coefficients, one for each n). Continuum contributions were measured (and therefore fixed) to be zero.

 8 From a fit to the total hadronic cross sections measured at 60 energy points within $\sqrt{s}=10.82\text{--}11.05$ GeV to a pair of interfering Breit-Wigner amplitudes and two floating continuum amplitudes with $1/\sqrt{s}$ dependence, one coherent with the resonances and one incoherent, with six resonance parameters (a mass, width, and an amplitude for each of $\varUpsilon(10860)$ and $\varUpsilon(11020)$, one relative phase, and one decoherence coefficient).

 9 Not including uncertain and potentially large systematic errors due to assumed continuum amplitude $1/\sqrt{s}$ dependence and related interference contributions.

 10 In a model where a flat non-resonant $^{b}\overline{b}$ -continuum is incoherently added to a second flat component interfering with two Breit-Wigner resonances. Systematic uncertainties not estimated.

NODE=M093W;LINKAGE=D

NODE=M093W;LINKAGE=C

NODE=M093W;LINKAGE=A

NODE=M093W;LINKAGE=B

NODE=M093W;LINKAGE=AU

NODE=M093

au(11020) REFERENCES

YOUR PAPER

SANTEL 16 PR D93 011101 D. Santel et al. (BELLE Collab.) RE AUBERT 09E PRL 102 012001 B. Aubert et al. (BABAR Collab.) RE BESSON 85 PRL 54 381 D. Besson et al. (CLEO Collab.) RE	EFID=5746 EFID=5712 EFID=5266 EFID=2236 EFID=2236
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