

Reference = ABLIKIM 14O; PR D90 032007
Verifier code = BES3

PLEASE READ NOW



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.

Xiao-Rui Lyu

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July 21, 2016

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
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$c\bar{c}$ MESONS

$\psi(3770)$

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

NODE=MXXX025

NODE=M053

DECAYS TO LIGHT HADRONS

NODE=M053250

$\Gamma(p\bar{p}\pi^0)/\Gamma_{\text{total}}$		Γ_{76}/Γ	
VALUE (units 10^{-4})	CL%	DOCUMENT ID	TECN COMMENT
YOUR DATA < 0.4	90	32 ABLIKIM 140 BES3	Sol. I, $e^+e^- \rightarrow \psi(3770)$
• • • We do not use the following data for averages, fits, limits, etc. • • •			
YOUR DATA 59 $^{+3}_{-2} \pm 5$		32 ABLIKIM 140 BES3	Sol. II, $e^+e^- \rightarrow \psi(3770)$
<12	90	24 ABLIKIM 07B BES2	$e^+e^- \rightarrow \psi(3770)$
24 Assuming that interference effects between resonance and continuum can be neglected and using $\sigma^{obs}(e^+e^- \rightarrow \psi(3770)) = 7.15 \pm 0.38$ nb.			
YOUR NOTE 32	Solution I or II of two equivalent solutions in a fit with a resonance interfering with continuum. Calculated by the authors using $\sigma(e^+e^- \rightarrow \psi(3770) \rightarrow \text{hadrons}) = 6.36 \pm 0.08^{+0.41}_{-0.30}$ nb from BESSON 10.		

NODE=M053R09
NODE=M053R09

OCCUR=2

NODE=M053R10;LINKAGE=AK

NODE=M053R09;LINKAGE=A

$\psi(3770)$ REFERENCES

NODE=M053

YOUR PAPER	ABLIKIM 140 PR D90 032007 M. Ablikim <i>et al.</i> (BES III Collab.)
	BESSON 10 PRL 104 159901 (errat.) D. Besson <i>et al.</i> (CLEO Collab.)
	ABLIKIM 07B PL B650 111 M. Ablikim <i>et al.</i> (BES Collab.)

REFID=55906
REFID=53245
REFID=51704