Reference = JIA 17; PR D95 012001
Verifier code = LHCB

Normally we send all verifications for one experiment to one person, usually the spokesperson or data-analysis co-ordinator, 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

Vincenzo Vagnoni

EMAIL: vincenzo.vagnoni@bo.infn.it

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
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Prospekt Lavrent'eva 11
RU-630090 Novosibirsk
Russian Federation

EMAIL: simon.eidelman@cern.ch

$b\bar{b}$ MESONS

NODE=MXXX030

NODE=M049

$\Upsilon(1S)$

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

$\Upsilon(1S)$ BRANCHING RATIOS

NODE=M049225

$\Gamma(\chi_{c1}\,\text{anything})/\Gamma_{\text{total}}$ **Γ_{25}/Γ**

NODE=M049P13
NODE=M049P13

VALUE (units 10^{-4})	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
YOUR DATA **1.90±0.43±0.14**	215	JIA	17	LHCB	$\Upsilon(1S) \rightarrow \gamma J/\psi(1S)$

$\Upsilon(1S)$ REFERENCES

NODE=M049

YOUR PAPER	JIA	17	PR D95 012001	S. Jia *et al.*	(LHCb Collab.)	REFID=57635

NODE=M052

$\Upsilon(2S)$

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

$\Upsilon(2S)$ BRANCHING RATIOS

NODE=M052225

$\Gamma(\chi_{c1}\,\text{anything})/\Gamma_{\text{total}}$ **Γ_{16}/Γ**

NODE=M052R00
NODE=M052R00

VALUE (units 10^{-4})	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
YOUR DATA **2.24±0.44±0.20**	376	JIA	17	LHCB	$\Upsilon(2S) \rightarrow \gamma J/\psi(1S)$

$\Gamma(\chi_{c2}\,\text{anything})/\Gamma_{\text{total}}$ **Γ_{17}/Γ**

NODE=M052R67
NODE=M052R67

VALUE (units 10^{-4})	*DOCUMENT ID*		*TECN*	*COMMENT*
YOUR DATA **2.28±0.73±0.34**	JIA	17	LHCB	$\Upsilon(2S) \rightarrow \gamma J/\psi(1S)$

$\Upsilon(2S)$ REFERENCES

NODE=M052

YOUR PAPER	JIA	17	PR D95 012001	S. Jia *et al.*	(LHCb Collab.)	REFID=57635