

Reference = AALTONEN 14I; PR D90 012013
Verifier code = CDF

PLEASE READ NOW

*PLEASE
REPLY
WITHIN
ONE WEEK*

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.

Konstantinos Vellidis

EMAIL: vellidis@fnal.gov

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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Prospekt Lavrent'eva 11
RU-630090 Novosibirsk
Russian Federation

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BOTTOM MESONS

$(B = \pm 1)$

$B^+ = u\bar{b}, B^0 = d\bar{b}, \bar{B}^0 = \bar{d}b, B^- = \bar{u}b,$ similarly for B^{*} 's

NODE=MXXX045

NODE=MXXX045

NODE=M220

$B_J(5970)^+$

$I(J^P) = \frac{1}{2}(?)$ Status: **
 I, J, P need confirmation.

Quantum numbers shown are quark-model predictions.

NODE=M220

$B_J(5970)^+$ BRANCHING RATIOS

NODE=M220220

$\Gamma(B^{*0}\pi^+)/\Gamma_{total}$					Γ_2/Γ
VALUE	EVTS	DOCUMENT ID	TECN	COMMENT	
seen	2k	AAIJ	15AB LHCB	pp at 7, 8 TeV	
seen		AALTONEN	14I CDF	$p\bar{p}$ at 1.96 TeV	

NODE=M220R02
NODE=M220R02

YOUR DATA

$B_J(5970)^+$ REFERENCES

NODE=M220

AAIJ	15AB JHEP 1504 024	R. Aaij <i>et al.</i>	(LHCb Collab.)
AALTONEN	14I PR D90 012013	T. Aaltonen <i>et al.</i>	(CDF Collab.)

REFID=56628
REFID=56029
NODE=M221

YOUR PAPER

$B_J(5970)^0$

$I(J^P) = \frac{1}{2}(?)$ Status: **
 I, J, P need confirmation.

Quantum numbers shown are quark-model predictions.

NODE=M221

$B_J(5970)^0$ BRANCHING RATIOS

NODE=M221220

$\Gamma(B^{*+}\pi^-)/\Gamma_{total}$					Γ_2/Γ
VALUE	EVTS	DOCUMENT ID	TECN	COMMENT	
seen	10K	AAIJ	15AB LHCB	pp at 7, 8 TeV	
seen		AALTONEN	14I CDF	$p\bar{p}$ at 1.96 TeV	

NODE=M221R02
NODE=M221R02
OCCUR=2

YOUR DATA

$B_J(5970)^0$ REFERENCES

NODE=M221

AAIJ	15AB JHEP 1504 024	R. Aaij <i>et al.</i>	(LHCb Collab.)
AALTONEN	14I PR D90 012013	T. Aaltonen <i>et al.</i>	(CDF Collab.)

REFID=56628
REFID=56029

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