

**$N(2040) 3/2^+$**  $J^P = \frac{3}{2}^+$ 

Status: \*

OMITTED FROM SUMMARY TABLE

 **$N(2040)$  MASS**

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
$2040^{+3}_{-4} \pm 25$	ABLIKIM	09B	BES2 $J/\psi \rightarrow p\bar{p}\pi^0$
$2068 \pm 3^{+15}_{-40}$	ABLIKIM	06K	BES2 $J/\psi \rightarrow p\bar{n}\pi^-, n\bar{p}\pi^+$
• • • We do not use the following data for averages, fits, limits, etc. • • •			
$2244 \pm 30$	<sup>1,2</sup> HUNT	19	DPWA Multichannel

<sup>1</sup>Statistical error only.<sup>2</sup>We list here candidates for high-mass  $3/2^+$  states. **$N(2040)$  WIDTH**

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
$230 \pm 8 \pm 52$	ABLIKIM	09B	BES2 $J/\psi \rightarrow p\bar{p}\pi^0$
$165 \pm 14 \pm 40$	ABLIKIM	06K	BES2 $J/\psi \rightarrow p\bar{n}\pi^-, n\bar{p}\pi^+$
• • • We do not use the following data for averages, fits, limits, etc. • • •			
$530 \pm 89$	<sup>3,4</sup> HUNT	19	DPWA Multichannel

<sup>3</sup>Statistical error only.<sup>4</sup>We list here candidates for high-mass  $3/2^+$  states. **$N(2040)$  REFERENCES**

HUNT	19	PR C99 055205	B.C. Hunt, D.M. Manley	
ABLIKIM	09B	PR D80 052004	M. Ablikim <i>et al.</i>	(BES II Collab.)
ABLIKIM	06K	PRL 97 062001	M. Ablikim <i>et al.</i>	(BES II Collab.)