

$N(2040)$

$3/2^+$

$J^P = \frac{3}{2}^+$

Status: *

OMITTED FROM SUMMARY TABLE

$N(2040)$ MASS

<i>VALUE</i> (MeV)	<i>DOCUMENT ID</i>	<i>TECN</i>	<i>COMMENT</i>
$2040^{+3}_{-4} \pm 25$	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 ± 30	^{1,2} HUNT	19	DPWA Multichannel
¹ Statistical error only.			
² We list here candidates for high-mass $3/2^+$ states.			

$N(2040)$ WIDTH

<i>VALUE</i> (MeV)	<i>DOCUMENT ID</i>	<i>TECN</i>	<i>COMMENT</i>
$230 \pm 8 \pm 52$	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 ± 89	^{3,4} HUNT	19	DPWA Multichannel
³ Statistical error only.			
⁴ 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.)