# $N(2040)\ 3/2^+$

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

OMITTED FROM SUMMARY TABLE

## *N*(2040) MASS

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

[1] Statistical error only.
[2] We list here candidates for high-mass $3/2^+$ states.

## *N*(2040) WIDTH

| *VALUE* (MeV) | *DOCUMENT ID* | | *TECN* | *COMMENT* |
|---|---|---|---|---|
| $230 \pm\ 8 \pm 52$ | ABLIKIM | 09B | BES2 | $J/\psi \to\ p\overline{p}\pi^0$ |
| $165 \pm 14 \pm 40$ | ABLIKIM | 06K | BES2 | $J/\psi \to\ p\overline{n}\pi^-$, $n\overline{p}\pi^+$ |
| • • • We do not use the following data for averages, fits, limits, etc. • • • | | | | |
| $530 \pm 89$ | [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 *et al.* | (BES II Collab.) |
| ABLIKIM | 06K | PRL 97 062001 | M. Ablikim *et al.* | (BES II Collab.) |