

$N(2040) 3/2^+$

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

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 $J/\psi \rightarrow p\bar{n}\pi^-, n\bar{p}\pi^+$ |
| 2244 ± 30 | ^{1,2} HUNT | 19 | DPWA Multichannel |

• • • We do not use the following data for averages, fits, limits, etc. • • •

¹Statistical error only.²We 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 $J/\psi \rightarrow p\bar{n}\pi^-, n\bar{p}\pi^+$ |
| 530 ± 89 | ^{3,4} HUNT | 19 | DPWA Multichannel |

• • • We do not use the following data for averages, fits, limits, etc. • • •

³Statistical error only.⁴We 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.) |