

X(3250)

$$I^G(J^{PC}) = ??(???)$$

OMITTED FROM SUMMARY TABLE

Narrow peak observed in several final states with hidden strangeness
 ($\Lambda\bar{p}K^+$, $\Lambda\bar{p}K^+\pi^\pm$, $K^0 p\bar{p}K^\pm$). Needs confirmation.

X(3250) MASS**3-BODY DECAYS**

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
$3250 \pm 8 \pm 20$	ALEEV	93 BIS2	$X(3250) \rightarrow \Lambda\bar{p}K^+$
$3265 \pm 7 \pm 20$	ALEEV	93 BIS2	$X(3250) \rightarrow \bar{\Lambda}pK^-$

4-BODY DECAYS

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
$3245 \pm 8 \pm 20$	ALEEV	93 BIS2	$X(3250) \rightarrow \Lambda\bar{p}K^+\pi^\pm$
$3250 \pm 9 \pm 20$	ALEEV	93 BIS2	$X(3250) \rightarrow \bar{\Lambda}pK^-\pi^\mp$
$3270 \pm 8 \pm 20$	ALEEV	93 BIS2	$X(3250) \rightarrow K_S^0 p\bar{p}K^\pm$

X(3250) WIDTH**3-BODY DECAYS**

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
45 ± 18	ALEEV	93 BIS2	$X(3250) \rightarrow \Lambda\bar{p}K^+$
40 ± 18	ALEEV	93 BIS2	$X(3250) \rightarrow \bar{\Lambda}pK^-$

4-BODY DECAYS

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
25 ± 11	ALEEV	93 BIS2	$X(3250) \rightarrow \Lambda\bar{p}K^+\pi^\pm$
50 ± 20	ALEEV	93 BIS2	$X(3250) \rightarrow \bar{\Lambda}pK^-\pi^\mp$
25 ± 11	ALEEV	93 BIS2	$X(3250) \rightarrow K_S^0 p\bar{p}K^\pm$

X(3250) DECAY MODES

Mode	
Γ_1	$\Lambda\bar{p}K^+$
Γ_2	$\Lambda\bar{p}K^+\pi^\pm$
Γ_3	$K^0 p\bar{p}K^\pm$

X(3250) REFERENCES

ALEEV	93	PAN 56 1358 Translated from YAF 56 100.	A.N. Aleev <i>et al.</i>	(BIS-2 Collab.)
-------	----	--	--------------------------	-----------------