X(3250)

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

OMITTED FROM SUMMARY TABLE

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

X(3250) MASS

3-BODY DECAYS

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

4-BODY DECAYS

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

X(3250) WIDTH

3-BODY DECAYS

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

4-BODY DECAYS

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

X(3250) DECAY MODES

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

X(3250) REFERENCES

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