$X(3250)$

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

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. See also under non-$q\overline{q}$ candidates. (See the index for the page number.)

$X(3250)$ MASS

3-BODY DECAYS

VALUE (MeV)	DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •				
$3250\pm8\pm20$	[1] ALEEV	93	BIS2	$X(3250) \to \Lambda\overline{p}K^+$
$3265\pm7\pm20$	[1] ALEEV	93	BIS2	$X(3250) \to \overline{\Lambda}pK^-$

[1] Supersedes KEKELIDZE 90.

4-BODY DECAYS

VALUE (MeV)	DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •				
$3245\pm8\pm20$	[1] ALEEV	93	BIS2	$X(3250) \to \Lambda\overline{p}K^+\pi^\pm$
$3250\pm9\pm20$	[1] ALEEV	93	BIS2	$X(3250) \to \overline{\Lambda}pK^-\pi^\mp$
$3270\pm8\pm20$	[1] ALEEV	93	BIS2	$X(3250) \to K^0_S p\overline{p}K^\pm$

$X(3250)$ WIDTH

3-BODY DECAYS

VALUE (MeV)	DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •				
45 ± 18	[2] ALEEV	93	BIS2	$X(3250) \to \Lambda\overline{p}K^+$
40 ± 18	[2] ALEEV	93	BIS2	$X(3250) \to \overline{\Lambda}pK^-$

[2] Supersedes KEKELIDZE 90.

4-BODY DECAYS

VALUE (MeV)	DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •				
25 ± 11	[2] ALEEV	93	BIS2	$X(3250) \to \Lambda\overline{p}K^+\pi^\pm$
50 ± 20	[2] ALEEV	93	BIS2	$X(3250) \to \overline{\Lambda}pK^-\pi^\mp$
25 ± 11	[2] ALEEV	93	BIS2	$X(3250) \to K^0_S p\overline{p}K^\pm$

$X(3250)$ 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 +Balandin+ Translated from YAF 56 100.	(BIS-2 Collab.)
KEKELIDZE	90	Hadron 89 Conf. p 551+Aleev+	(BIS-2 Collab.)