NODE=M130

$X(3250)$

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

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.

NODE=M130

$X(3250)$ MASS

NODE=M130205

NODE=M130M

3-BODY DECAYS

NODE=M130M1
NODE=M130M1

VALUE (MeV)	DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •				
$3250\pm8\pm20$	ALEEV	93	BIS2	$X(3250) \to \Lambda\overline{p}K^+$
$3265\pm7\pm20$	ALEEV	93	BIS2	$X(3250) \to \overline{\Lambda}pK^-$ OCCUR=2

4-BODY DECAYS

NODE=M130M2
NODE=M130M2

VALUE (MeV)	DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •				
$3245\pm8\pm20$	ALEEV	93	BIS2	$X(3250) \to \Lambda\overline{p}K^+\pi^\pm$
$3250\pm9\pm20$	ALEEV	93	BIS2	$X(3250) \to \overline{\Lambda}pK^-\pi^\mp$ OCCUR=2
$3270\pm8\pm20$	ALEEV	93	BIS2	$X(3250) \to K^0_S p\overline{p}K^\pm$ OCCUR=3

$X(3250)$ WIDTH

NODE=M130210

3-BODY DECAYS

NODE=M130W1
NODE=M130W1

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

4-BODY DECAYS

NODE=M130W2
NODE=M130W2

VALUE (MeV)	DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •				
25 ± 11	ALEEV	93	BIS2	$X(3250) \to \Lambda\overline{p}K^+\pi^\pm$
50 ± 20	ALEEV	93	BIS2	$X(3250) \to \overline{\Lambda}pK^-\pi^\mp$ OCCUR=2
25 ± 11	ALEEV	93	BIS2	$X(3250) \to K^0_S p\overline{p}K^\pm$ OCCUR=3

$X(3250)$ DECAY MODES

NODE=M130215;NODE=M130

	Mode	
Γ_1	$\Lambda\overline{p}K^+$	DESIG=1
Γ_2	$\Lambda\overline{p}K^+\pi^\pm$	DESIG=2
Γ_3	$K^0 p\overline{p}K^\pm$	DESIG=3

$X(3250)$ REFERENCES

NODE=M130

ALEEV 93 PAN 56 1358 A.N. Aleev *et al.* (BIS-2 Collab.) REFID=43668
Translated from YAF 56 100.