Л(2585) Bumps

 $I(J^P) = 0(?^?)$ Status: **

OMITTED FROM SUMMARY TABLE

1 (2585)	MASS
(BUN	MPS)

VALUE (MeV)	DOCUMENT ID		TECN	COMMENT
≈ 2585 OUR ESTIMATE				
2585 ± 45	ABRAMS	70	CNTR	K^-p , K^-d total
2530 ± 25	LU	70	CNTR	$\gamma p \rightarrow K^+ Y^*$

Λ(2585) WIDTH (BUMPS)

VALUE (MeV)	DOCUMENT ID		TECN	COMMENT
300	ABRAMS	70	CNTR	K^-p , K^-d total
150	LU	70	CNTR	$\gamma p \rightarrow K^+ Y^*$

Λ(2585) DECAY MODES (BUMPS)

Mode

 $\Gamma_1 N\overline{K}$

Λ(2585) BRANCHING RATIOS (BUMPS)

$(J+\frac{1}{2})\times\Gamma(N\overline{K})/\Gamma_{\text{total}}$

 Γ_1/Γ

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J is not known, so only $(J+\frac{1}{2})\times\Gamma(N\overline{K})/\Gamma_{\mathsf{total}}$ can be given.

VALUE	DOCUMENT ID	, , , ,	TECN	COMMENT
$^{1}_{0.12\pm0.12}$	ABRAMS ¹ BRICMAN			K^-p , K^-d total Total, charge exchange

Λ(2585) FOOTNOTES (BUMPS)

Λ(2585) REFERENCES (BUMPS)

ABRAMS Also BRICMAN	70 70	PR D1 1917 PRL 16 1228 PL 31B 152	R.J. Abrams <i>et al.</i> R.L. Cool <i>et al.</i> C. Bricman <i>et al.</i>	(BNL) I (BNL) I (CERN, CAEN, SACL)
LU	70 70	PR D2 1846	D.C. Lu et al.	(CERN, CAEN, SACL) (YALE)

 $^{^{1}\,\}mathrm{The}$ resonance is at the end of the region analyzed — no clear signal.