NODE=B007

$\Lambda(2585)$ Bumps

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

OMITTED FROM SUMMARY TABLE

$\Lambda(2585)$ MASS (BUMPS)

NODE=B007M

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

NODE=B007M
NODE=B007M
→ UNCHECKED ←

$\Lambda(2585)$ WIDTH (BUMPS)

NODE=B007W

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

NODE=B007W

$\Lambda(2585)$ DECAY MODES (BUMPS)

NODE=B007215;NODE=B007

	Mode
Γ_1	$N\overline{K}$

DESIG=1

$\Lambda(2585)$ BRANCHING RATIOS (BUMPS)

NODE=B007220

$(J+\frac{1}{2})\times\Gamma(N\overline{K})/\Gamma_{total}$ **Γ_1/Γ**

NODE=B007R1

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

NODE=B007R1

VALUE	*DOCUMENT ID*		*TECN*	*COMMENT*
1	ABRAMS	70	CNTR	K^-p, K^-d total
0.12±0.12	[1] BRICMAN	70	CNTR	Total, charge exchange

NODE=B007R1

$\Lambda(2585)$ FOOTNOTES (BUMPS)

NODE=B007

[1] The resonance is at the end of the region analyzed — no clear signal.

NODE=B007;LINKAGE=A

$\Lambda(2585)$ REFERENCES (BUMPS)

NODE=B007

ABRAMS	70	PR D1 1917	R.J. Abrams *et al.*	(BNL) I	REFID=21807
Also		PRL 16 1228	R.L. Cool *et al.*	(BNL) I	REFID=31861
BRICMAN	70	PL 31B 152	C. Bricman *et al.*	(CERN, CAEN, SACL)	REFID=31872
LU	70	PR D2 1846	D.C. Lu *et al.*	(YALE)	REFID=31978