

**$\Lambda(2585)$  Bumps**

$$I(J^P) = 0(?^?) \quad \text{Status: } **$$

OMITTED FROM SUMMARY TABLE

 **$\Lambda(2585)$  MASS  
(BUMPS)**

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b><math>\approx 2585</math> OUR ESTIMATE</b>			
2585 $\pm$ 45	ABRAMS	70	CNTR $K^- p, K^- d$ total
2530 $\pm$ 25	LU	70	CNTR $\gamma p \rightarrow K^+ Y^*$

 **$\Lambda(2585)$  WIDTH  
(BUMPS)**

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

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

<u>Mode</u>
$\Gamma_1 \quad N\bar{K}$

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

$$(J+\frac{1}{2}) \times \Gamma(N\bar{K}) / \Gamma_{\text{total}} \qquad \Gamma_1 / \Gamma$$

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

<u>VALUE</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
1	ABRAMS	70	CNTR $K^- p, K^- d$ total
0.12 $\pm$ 0.12	<sup>1</sup> BRICMAN	70	CNTR Total, charge exchange

 **$\Lambda(2585)$  FOOTNOTES  
(BUMPS)**<sup>1</sup> The resonance is at the end of the region analyzed — no clear signal. **$\Lambda(2585)$  REFERENCES  
(BUMPS)**

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