

**$N(2700) K_{1,13}$**

$$I(J^P) = \frac{1}{2}(\frac{13}{2}^+)$$
 Status: \*\*

OMITTED FROM SUMMARY TABLE

**$N(2700)$  BREIT-WIGNER MASS**

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>≈ 2700 OUR ESTIMATE</b>			
2612 ± 45	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$
3000 ± 100	HENDRY	78	MPWA $\pi N \rightarrow \pi N$

**$N(2700)$  BREIT-WIGNER WIDTH**

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
350 ± 50	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$
900 ± 150	HENDRY	78	MPWA $\pi N \rightarrow \pi N$

**$N(2700)$  DECAY MODES**

Mode
$\Gamma_1 \quad N\pi$

**$N(2700)$  BRANCHING RATIOS**

$\Gamma(N\pi)/\Gamma_{\text{total}}$	<u>VALUE</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	$\Gamma_1/\Gamma$
	0.04 ± 0.01	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$	
	0.07 ± 0.02	HENDRY	78	MPWA $\pi N \rightarrow \pi N$	

**$N(2700)$  REFERENCES**

HOEHLER	79	PDAT 12-1	G. Hohler <i>et al.</i>	(KARLT) IJP
Also		Toronto Conf. 3	R. Koch	(KARLT) IJP
HENDRY	78	PRL 41 222	A.W. Hendry	(IND, LBL) IJP
Also		ANP 136 1	A.W. Hendry	(IND)