

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

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

OMITTED FROM SUMMARY TABLE

$N(2700)$ BREIT-WIGNER MASS

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
≈ 2700 OUR ESTIMATE			
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>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	Γ_1/Γ
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	+Kaiser, Koch, Pietarinen	(KARLT) IJP
Also	80	Toronto Conf. 3	Koch	(KARLT) IJP
HENDRY	78	PRL 41 222		(IND, LBL) IJP
Also	81	ANP 136 1	Hendry	(IND)