

$N(2700)$

$K_{1,13}$

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

Status: **

OMITTED FROM SUMMARY TABLE

N(2700) BREIT-WIGNER MASS				
VALUE (MeV)	DOCUMENT ID	TECN	COMMENT	
≈ 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				
VALUE (MeV)	DOCUMENT ID	TECN	COMMENT	
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	
Γ_1	$N\pi$

N(2700) BRANCHING RATIOS				
$\Gamma(N\pi)/\Gamma_{\text{total}}$	DOCUMENT ID	TECN	COMMENT	
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	80	Toronto Conf. 3	R. Koch	(KARLT) IJP
HENDRY	78	PRL 41 222	A.W. Hendry	(IND, LBL) IJP
Also	81	ANP 136 1	A.W. Hendry	(IND)