NODE=B121

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

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

OMITTED FROM SUMMARY TABLE

The latest GWU analysis (ARNDT 06) finds no evidence for this resonance.

NODE=B121

N(2700) BREIT-WIGNER MASS

NODE=B121205

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

NODE=B121M
→ NOT CHECKED ←

N(2700) BREIT-WIGNER WIDTH

NODE=B121210

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

NODE=B121W

N(2700) DECAY MODES

NODE=B121215;NODE=B121

	Mode
Γ_1	$N\pi$

DESIG=1

N(2700) BRANCHING RATIOS

NODE=B121220

$\Gamma(N\pi)/\Gamma_{total}$ **Γ_1/Γ**

NODE=B121R1
NODE=B121R1

VALUE	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

NODE=B121

ARNDT	06	PR C74 045205	R.A. Arndt *et al.*	(GWU)
HOEHLER	79	PDAT 12-1	G. Hohler *et al.*	(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)

REFID=51535
REFID=30058
REFID=30859
REFID=30893
REFID=30901