

**$\Delta(2950) K_{3,15}$** 

$$I(J^P) = \frac{3}{2}(\frac{15}{2}^+)$$
 Status: \*\*

OMITTED FROM SUMMARY TABLE

 **$\Delta(2950)$  BREIT-WIGNER MASS**

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b><math>\approx 2950</math> OUR ESTIMATE</b>			
2990 $\pm$ 100	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$
2850 $\pm$ 100	HENDRY	78	MPWA $\pi N \rightarrow \pi N$

 **$\Delta(2950)$  BREIT-WIGNER WIDTH**

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
330 $\pm$ 100	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$
700 $\pm$ 200	HENDRY	78	MPWA $\pi N \rightarrow \pi N$

 **$\Delta(2950)$  DECAY MODES**

Mode
$\Gamma_1 \quad N\pi$

 **$\Delta(2950)$  BRANCHING RATIOS**

<u><math>\Gamma(N\pi)/\Gamma_{\text{total}}</math></u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	<u><math>\Gamma_1/\Gamma</math></u>
0.04 $\pm$ 0.02	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$	
0.03 $\pm$ 0.01	HENDRY	78	MPWA $\pi N \rightarrow \pi N$	

 **$\Delta(2950)$  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)