

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

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

$\Gamma(N\pi)/\Gamma_{\text{total}}$	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	$\Gamma_1/\Gamma$
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	+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)