

$\Delta(2750) \ I_{3,13}$

$$I(J^P) = \frac{3}{2}(\frac{13}{2}^-) \text{Status: } **$$

OMITTED FROM SUMMARY TABLE

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

$\Delta(2750)$ BREIT-WIGNER MASS

| <u>VALUE (MeV)</u> | <u>DOCUMENT ID</u> | <u>TECN</u> | <u>COMMENT</u> |
|---|--------------------|-------------|--------------------------------|
| ≈ 2750 OUR ESTIMATE | | | |
| 2794 \pm 80 | HOEHLER | 79 | IPWA $\pi N \rightarrow \pi N$ |
| 2650 \pm 100 | HENDRY | 78 | MPWA $\pi N \rightarrow \pi N$ |

$\Delta(2750)$ BREIT-WIGNER WIDTH

| <u>VALUE (MeV)</u> | <u>DOCUMENT ID</u> | <u>TECN</u> | <u>COMMENT</u> |
|--------------------|--------------------|-------------|--------------------------------|
| 350 \pm 100 | HOEHLER | 79 | IPWA $\pi N \rightarrow \pi N$ |
| 500 \pm 100 | HENDRY | 78 | MPWA $\pi N \rightarrow \pi N$ |

$\Delta(2750)$ DECAY MODES

| <u>Mode</u> |
|-------------------|
| $\Gamma_1 \ N\pi$ |

$\Delta(2750)$ BRANCHING RATIOS

| <u>$\Gamma(N\pi)/\Gamma_{\text{total}}$</u> | <u>DOCUMENT ID</u> | <u>TECN</u> | <u>COMMENT</u> | <u>Γ_1/Γ</u> |
|--|--------------------|-------------|--------------------------------|-------------------------------------|
| 0.04 \pm 0.015 | HOEHLER | 79 | IPWA $\pi N \rightarrow \pi N$ | |
| 0.05 \pm 0.01 | HENDRY | 78 | MPWA $\pi N \rightarrow \pi N$ | |

$\Delta(2750)$ REFERENCES

| | | | | |
|---------|----|-----------------|--------------------------|----------------|
| ARNDT | 06 | PR C74 045205 | R.A. Arndt <i>et al.</i> | (GWU) |
| HOEHLER | 79 | PDAT 12-1 | G. Hohler <i>et al.</i> | (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) |