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

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

OMITTED FROM SUMMARY TABLE

## $\Delta(2750)$ BREIT-WIGNER MASS

| *VALUE* (MeV) | *DOCUMENT ID* | | *TECN* | *COMMENT* |
|---|---|---|---|---|
| **≈ 2750 OUR ESTIMATE** | | | | |
| 2794± 80 | HOEHLER | 79 | IPWA | $\pi N \to \pi N$ |
| 2650±100 | HENDRY | 78 | MPWA | $\pi N \to \pi N$ |

## $\Delta(2750)$ BREIT-WIGNER WIDTH

| *VALUE* (MeV) | *DOCUMENT ID* | | *TECN* | *COMMENT* |
|---|---|---|---|---|
| 350±100 | HOEHLER | 79 | IPWA | $\pi N \to \pi N$ |
| 500±100 | HENDRY | 78 | MPWA | $\pi N \to \pi N$ |

## $\Delta(2750)$ DECAY MODES

| | Mode |
|---|---|
| $\Gamma_1$ | $N\pi$ |

## $\Delta(2750)$ BRANCHING RATIOS

**$\Gamma(N\pi)/\Gamma_{total}$** **$\Gamma_1/\Gamma$**

| *VALUE* | *DOCUMENT ID* | | *TECN* | *COMMENT* |
|---|---|---|---|---|
| 0.04±0.015 | HOEHLER | 79 | IPWA | $\pi N \to \pi N$ |
| 0.05±0.01 | HENDRY | 78 | MPWA | $\pi N \to \pi N$ |

## $\Delta(2750)$ REFERENCES


| | | | | |
|---|---|---|---|---|
| HOEHLER | 79 | PDAT 12-1 | G. Hohler *et al.* | (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) |