

$K_5^*(2380)$

$$I(J^P) = \frac{1}{2}(5^-)$$

OMITTED FROM SUMMARY TABLE

Needs confirmation.

$K_5^*(2380)$ MASS

| <u>VALUE (MeV)</u> | <u>DOCUMENT ID</u> | <u>TECN</u> | <u>CHG</u> | <u>COMMENT</u> |
|--------------------|--------------------|-------------|------------|--------------------------------------|
| 2382±14±19 | ¹ ASTON | 86 | LASS | 0 11 $K^- p \rightarrow K^- \pi^+ n$ |

¹ From a fit to all the moments.

$K_5^*(2380)$ WIDTH

| <u>VALUE (MeV)</u> | <u>DOCUMENT ID</u> | <u>TECN</u> | <u>CHG</u> | <u>COMMENT</u> |
|--------------------|--------------------|-------------|------------|--------------------------------------|
| 178±37±32 | ² ASTON | 86 | LASS | 0 11 $K^- p \rightarrow K^- \pi^+ n$ |

² From a fit to all the moments.

$K_5^*(2380)$ DECAY MODES

| Mode | Fraction (Γ_i/Γ) |
|-------------------|--------------------------------|
| Γ_1 $K\pi$ | (6.1±1.2) % |

$K_5^*(2380)$ BRANCHING RATIOS

| $\Gamma(K\pi)/\Gamma_{\text{total}}$ | <u>VALUE</u> | <u>DOCUMENT ID</u> | <u>TECN</u> | <u>CHG</u> | <u>COMMENT</u> | Γ_1/Γ |
|--------------------------------------|--------------------|--------------------|-------------|------------|--------------------------------------|-------------------|
| | 0.061±0.012 | ASTON | 88 | LASS | 0 11 $K^- p \rightarrow K^- \pi^+ n$ | |

$K_5^*(2380)$ REFERENCES

| | | | | |
|-------|----|-------------|------------------------|--------------------------|
| ASTON | 88 | NP B296 493 | D. Aston <i>et al.</i> | (SLAC, NAGO, CINC, INUS) |
| ASTON | 86 | PL B180 308 | D. Aston <i>et al.</i> | (SLAC, NAGO, CINC, INUS) |