

**$K_5^*(2380)$** 

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

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> |                                    |
|--|--------------------|-------------|------------|----------------|------------------------------------|
| <b><math>2382 \pm 14 \pm 19</math></b> | <sup>1</sup> ASTON | 86          | LASS       | 0              | 11 $K^- p \rightarrow K^- \pi^+ n$ |

<sup>1</sup> 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> |                                    |
|---------------------------------------|--------------------|-------------|------------|----------------|------------------------------------|
| <b><math>178 \pm 37 \pm 32</math></b> | <sup>2</sup> ASTON | 86          | LASS       | 0              | 11 $K^- p \rightarrow K^- \pi^+ n$ |

<sup>2</sup> From a fit to all the moments. **$K_5^*(2380)$  DECAY MODES**

| Mode              | Fraction ( $\Gamma_i/\Gamma$ ) |
|-------------------|--------------------------------|
| $\Gamma_1$ $K\pi$ | (6.1 $\pm$ 1.2) %              |

 **$K_5^*(2380)$  BRANCHING RATIOS**

| $\Gamma(K\pi)/\Gamma_{\text{total}}$ | $\Gamma_1/\Gamma$  |             |            |                |                                    |
|--------------------------------------|--------------------|-------------|------------|----------------|------------------------------------|
| <u>VALUE</u>                         | <u>DOCUMENT ID</u> | <u>TECN</u> | <u>CHG</u> | <u>COMMENT</u> |                                    |
| <b><math>0.061 \pm 0.012</math></b>  | 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) |

**OTHER RELATED PAPERS**

|         |     |               |                          |               |
|---------|-----|---------------|--------------------------|---------------|
| ABLIKIM | 05Q | PR D72 092002 | M. Ablikim <i>et al.</i> | (BES Collab.) |
|---------|-----|---------------|--------------------------|---------------|