

$K_5^*(2380)$

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

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>	
$2382 \pm 14 \pm 19$	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>	
$178 \pm 37 \pm 32$	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 \pm 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)

OTHER RELATED PAPERS

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