NODE=M098

$K_5^*(2380)$

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

OMITTED FROM SUMMARY TABLE

Needs confirmation.

NODE=M098

$K_5^*(2380)$ MASS

NODE=M098M

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*CHG*	*COMMENT*
2382±14±19	[1] ASTON	86	LASS	0	11 $K^- p \rightarrow K^- \pi^+ n$

[1] From a fit to all the moments.

NODE=M098M
NODE=M098M;LINKAGE=E

$K_5^*(2380)$ WIDTH

NODE=M098W

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*CHG*	*COMMENT*
178±37±32	[2] ASTON	86	LASS	0	11 $K^- p \rightarrow K^- \pi^+ n$

[2] From a fit to all the moments.

NODE=M098W
NODE=M098W;LINKAGE=E

$K_5^*(2380)$ DECAY MODES

NODE=M098215;NODE=M098

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

DESIG=1

$K_5^*(2380)$ BRANCHING RATIOS

NODE=M098220

$\Gamma(K\pi)/\Gamma_{total}$ **Γ_1/Γ**

NODE=M098R1

VALUE	*DOCUMENT ID*		*TECN*	*CHG*	*COMMENT*
0.061±0.012	ASTON	88	LASS	0	11 $K^- p \rightarrow K^- \pi^+ n$

NODE=M098R1

$K_5^*(2380)$ REFERENCES

NODE=M098

ASTON	88	NP B296 493	D. Aston *et al.*	(SLAC, NAGO, CINC, INUS)
ASTON	86	PL B180 308	D. Aston *et al.*	(SLAC, NAGO, CINC, INUS)

REFID=40262
REFID=22462