NODE=M024

$a_6(2450)$

$I^G(J^{PC}) = 1^-(6^{++})$

OMITTED FROM SUMMARY TABLE

Needs confirmation.

NODE=M024

$a_6(2450)$ MASS

NODE=M024M

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*CHG*	*COMMENT*
2450±130	[1] CLELAND	82B	SPEC	±	50 $\pi p \rightarrow K^0_S K^\pm p$

NODE=M024M

[1] From an amplitude analysis.

NODE=M024M;LINKAGE=C

$a_6(2450)$ WIDTH

NODE=M024W

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*CHG*	*COMMENT*
400±250	[1] CLELAND	82B	SPEC	±	50 $\pi p \rightarrow K^0_S K^\pm p$

NODE=M024W

[1] From an amplitude analysis.

NODE=M024W;LINKAGE=C

$a_6(2450)$ DECAY MODES

NODE=M024215;NODE=M024

	Mode
Γ_1	$K\overline{K}$

DESIG=1

$a_6(2450)$ REFERENCES

NODE=M024

CLELAND 82B NP B208 228 W.E. Cleland *et al.* (DURH, GEVA, LAUS+)

REFID=21281