

$\Omega(2470)^-$

Status: **

OMITTED FROM SUMMARY TABLE

A peak in the $\Omega^-\pi^+\pi^-$ mass spectrum with a signal significance claimed to be at least 5.5 standard deviations. There is no reason to seriously doubt the existence of this state, but unless the evidence is overwhelming we usually wait for confirmation from a second experiment before elevating peaks to the Summary Table.

$\Omega(2470)^-$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
2474±12	59	ASTON	88G LASS	K^-p 11 GeV/c

$\Omega(2470)^-$ WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
72±33	59	ASTON	88G LASS	K^-p 11 GeV/c

$\Omega(2470)^-$ DECAY MODES

Mode
$\Gamma_1 \quad \Omega^-\pi^+\pi^-$

$\Omega(2470)^-$ REFERENCES

ASTON	88G PL B215 799	D. Aston <i>et al.</i>	(SLAC, NAGO, CINC, INUS)
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