$\eta_2(1645)$

$I^G(J^{PC}) = 0^+(2^{-+})$

OMITTED FROM SUMMARY TABLE

Seen in an amplitude analysis of the $\eta 3\pi^0$. Needs confirmation.

$\eta_2(1645)$ MASS

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*CHG*	*COMMENT*
1645±14±15	ADOMEIT	96	CBAR	0	1.94 $\overline{p}p \rightarrow \eta 3\pi^0$

$\eta_2(1645)$ WIDTH

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*CHG*	*COMMENT*
$\mathbf{180^{+40}_{=21}\pm25}$	ADOMEIT	96	CBAR	0	1.94 $\overline{p}p \rightarrow \eta 3\pi^0$

$\eta_2(1645)$ DECAY MODES

	Mode
Γ_1	$a_2(1320)\pi$

$\eta_2(1645)$ REFERENCES

ADOMEIT 96 ZPHY C71 227 +Amsler, Armstrong+ (Crystal Barrel Collab.)