$\pi_2(2005)$

$I^G(J^{PC}) = 1^-(2^{-+})$

OMITTED FROM SUMMARY TABLE

$\pi_2(2005)$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID		TECN	COMMENT
1963^{+17}_{-27} OUR AVERAGE					
1962^{+17}_{-29}	46M	[1] AGHASYAN	18B	COMP	$190 \ \pi^- p \to \pi^- \pi^+ \pi^- p$
$1974 \pm 14 \pm 83$	145k	LU	05	B852	$18 \ \pi^- p \to \omega \pi^- \pi^0 p$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
2005 ± 15		ANISOVICH	01F	SPEC	$2.0 \ \overline{p} p \to 3\pi^0, \ \pi^0 \eta, \ \pi^0 \eta'$

[1] Statistical uncertainty negligible.

$\pi_2(2005)$ WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID		TECN	COMMENT
370^{+16}_{-90} OUR AVERAGE					
371^{+16}_{-120}	46M	[1] AGHASYAN	18B	COMP	$190 \ \pi^- p \to \pi^- \pi^+ \pi^- p$
$341 \pm 61 \pm 139$	145k	LU	05	B852	$18 \ \pi^- p \to \omega \pi^- \pi^0 p$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
200 ± 40		ANISOVICH	01F	SPEC	$2.0 \ \overline{p} p \to 3\pi^0, \ \pi^0 \eta, \ \pi^0 \eta'$

[1] Statistical uncertainty negligible.

$\pi_2(2005)$ DECAY MODES

	Mode	Fraction (Γ_i/Γ)
Γ_1	$\pi^- \pi^+ \pi^-$	seen
Γ_2	$\omega \pi^0 \pi^-$	seen

$\pi_2(2005)$ BRANCHING RATIOS

$\Gamma(\pi^- \pi^+ \pi^-)/\Gamma_{\text{total}}$ $\qquad\qquad$ Γ_1/Γ

VALUE	DOCUMENT ID		TECN	COMMENT
seen	AGHASYAN	18B	COMP	$190 \ \pi^- p \to \pi^- \pi^+ \pi^- p$

$\Gamma(\omega \pi^0 \pi^-)/\Gamma_{\text{total}}$ $\qquad\qquad$ Γ_2/Γ

VALUE	DOCUMENT ID		TECN	COMMENT
seen	LU	05	B852	$18 \ \pi^- p \to \omega \pi^- \pi^0 p$

$\pi_2(2005)$ REFERENCES

AGHASYAN	18B	PR D98 092003	M. Aghasyan et al.	(COMPASS Collab.)
LU	05	PRL 94 032002	M. Lu et al.	(BNL E852 Collab.)
ANISOVICH	01F	PL B517 261	A.V. Anisovich et al.	