NODE=M190

$X(4160)$

$I^G(J^{PC}) = ?^?(?^{??})$

OMITTED FROM SUMMARY TABLE

Seen by PAKHLOV 08 in $e^+e^- \to J/\psi X$, $X \to D^*\overline{D}^*$ NODE=M190

$X(4160)$ MASS

NODE=M190M

VALUE (MeV)	EVTS	DOCUMENT ID		TECN	COMMENT
$4156^{+25}_{-20} \pm 15$	24	PAKHLOV	08	BELL	$e^+e^- \to J/\psi X$

NODE=M190M

$X(4160)$ WIDTH

NODE=M190W

VALUE (MeV)	EVTS	DOCUMENT ID		TECN	COMMENT
$139^{+111}_{-61} \pm 21$	24	PAKHLOV	08	BELL	$e^+e^- \to J/\psi X$

NODE=M190W

$X(4160)$ DECAY MODES

NODE=M190215;NODE=M190

	Mode	Fraction (Γ_i/Γ)	
Γ_1	$D\overline{D}$	not seen	DESIG=1;OUR EVAL;→ UNCHECKED ←
Γ_2	$D^*\overline{D}+$ c.c.	not seen	DESIG=2;OUR EVAL;→ UNCHECKED ←
Γ_3	$D^*\overline{D}^*$	seen	DESIG=3;OUR EVAL;→ UNCHECKED ←

$X(4160)$ BRANCHING RATIOS

NODE=M190225

$\Gamma(D\overline{D})/\Gamma(D^*\overline{D}^*)$ — Γ_1/Γ_3

NODE=M190R01

NODE=M190R01

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.09	90	PAKHLOV	08	BELL	$e^+e^- \to J/\psi X$

$\Gamma(D^*\overline{D}+\text{c.c.})/\Gamma(D^*\overline{D}^*)$ — Γ_2/Γ_3

NODE=M190R02

NODE=M190R02

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.22	90	PAKHLOV	08	BELL	$e^+e^- \to J/\psi X$

$X(4160)$ REFERENCES

NODE=M190

PAKHLOV 08 PRL 100 202001 P. Pakhlov *et al.* (BELLE Collab.) REFID=52302