$D_1(2420)^0$

$I(J^P) = \frac{1}{2}(1^+)$
I, J, P need confirmation.

Mass $m = 2422.8 \pm 3.2$ MeV (S = 1.6)
Full width $\Gamma = 18^{+6}_{-4}$ MeV

$\overline{D}_1(2420)^0$ modes are charge conjugates of modes below.

$D_1(2420)^0$ DECAY MODES	Fraction (Γ_i/Γ)	p (MeV/c)
$D^*(2010)^+\pi^-$	seen	355
$D^+\pi^-$	not seen	474

$D_2^*(2460)$

$I(J^P) = \frac{1}{2}(2^+)$

$J^P = 2^+$ assignment strongly favored (ALBRECHT 89B).

Mass $m_{D_2^*(2460)^0} = 2457.7 \pm 1.9$ MeV
Mass $m_{D_2^*(2460)^\pm} = 2456 \pm 6$ MeV (S = 2.0)
$m_{D_2^*(2460)^\pm} - m_{D_2^*(2460)^0} = 2 \pm 5$ MeV (S = 1.4)
Full width $\Gamma_{D_2^*(2460)^0} = 21 \pm 5$ MeV
Full width $\Gamma_{D_2^*(2460)^\pm} = 23 \pm 10$ MeV

$\overline{D}_2^*(2460)$ modes are charge conjugates of modes below.

$D_2^*(2460)$ DECAY MODES	Fraction (Γ_i/Γ)	p (MeV/c)
$D_2^*(2460)^0 \rightarrow D^+\pi^-$	seen	503
$D_2^*(2460)^0 \rightarrow D^*(2010)^+\pi^-$	seen	387
$D_2^*(2460)^\pm \rightarrow D^0\pi^+$	seen	505