$D_s^{*\pm}$

$I(J^P) = ?(?^?)$

Mass $m = 2110.0 \pm 1.9$ MeV (S = 1.2)
$m_{D_s^{*\pm}} - m_{D_s^{\pm}} = 141.6 \pm 1.8$ MeV (S = 1.2)
Full width $\Gamma < 4.5$ MeV, CL = 90%

D_s^{*-} modes are charge conjugates of the modes below.

D_s^{*+} DECAY MODES	Fraction (Γ_i/Γ)	p (MeV/c)
$D_s^+\gamma$	dominant	137

$D_{s1}(2536)^{\pm}$

$I(J^P) = 0(1^+)$
I, J, P need confirmation.

Mass $m = 2535.35 \pm 0.34$ MeV
Full width $\Gamma < 2.3$ MeV, CL = 90%

$D_{s1}(2536)^-$ modes are charge conjugates of the modes below.

$D_{s1}(2536)^+$ DECAY MODES	Fraction (Γ_i/Γ)	p (MeV/c)
$D^*(2010)^+ K^0$	seen	150
$D^*(2007)^0 K^+$	seen	169
$D^+ K^0$	not seen	382
$D^0 K^+$	not seen	392
$D_s^{*+}\gamma$	possibly seen	389

BOTTOM MESONS ($B = \pm 1$)

$B^+ = u\overline{b}$, $B^0 = d\overline{b}$, $\overline{B}^0 = \overline{d}\,b$, $B^- = \overline{u}\,b$, similarly for B^*'s

$B^{\pm}$

$I(J^P) = \frac{1}{2}(0^-)$

I, J, P need confirmation. Quantum numbers shown are quark-model predictions. Measurements which do not identify the charge state of B also appear here.

Mass $m_{B^{\pm}} = 5278.7 \pm 2.0$ MeV
Mean life $\tau = (1.54 \pm 0.11) \times 10^{-12}$ s
Mean life τ (avg over B hadrons) $= (1.537 \pm 0.021) \times 10^{-12}$ s [rr]
$c\tau = 462\ \mu$m