CI2 WT ILE44- $C^{\gamma 2}H^{\gamma 2}$ 120 NMR LS2 fit ($S_{axis}^2 = 0.51$, $\tau_R = 4.0$ ns, $\tau_f = 41.2$ ps) NMR LS3 fit ($S_{axis}^2 = 0.65$, $\tau_c^{eff} = 0.0$ ns, $\tau_f = 31.9$ ps) 100 Confidence interval (LS3) NMR Jw's at measured frequencies 80 [lps]60 40 20 0.0 0.5 1.5 2.0 1.0 $\times 10^{9}$