CI2 WT VAL9- $C^{\gamma 2}H^{\gamma 2}$ 200 NMR LS2 fit ( $S_{axis}^2$ =0.77,  $\tau_R$ =4.0 ns,  $\tau_f$ =36.7 ps) NMR LS3 fit ( $S_{axis}^2 = 0.68$ ,  $\tau_c^{eff} = 4.5$  ns,  $\tau_f = 42.1$  ps) Confidence interval (LS3) 150 NMR Jw's at measured frequencies [sd]/ 50 0.0 0.5 1.5 2.0 1.0