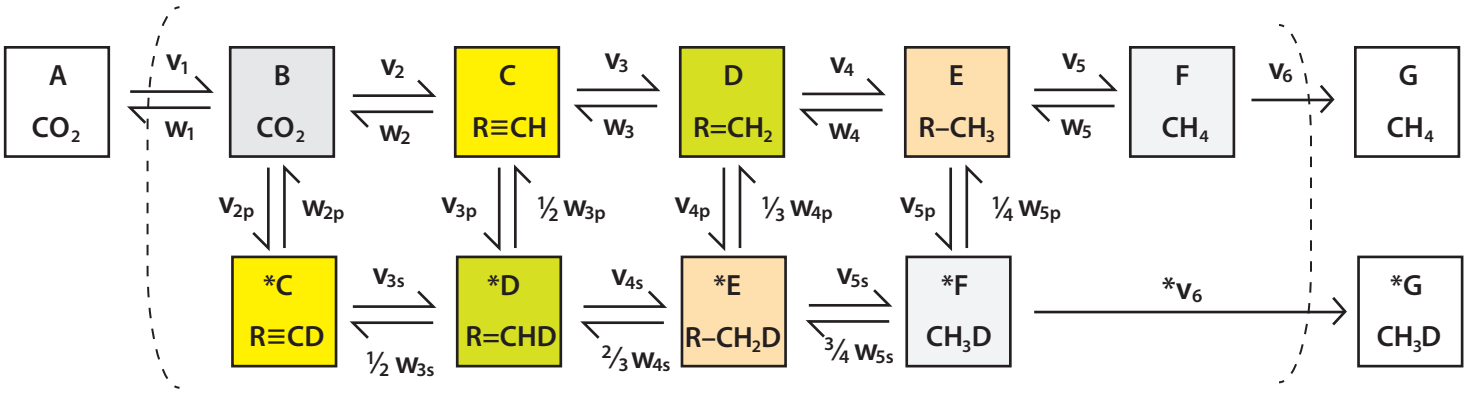

$w_1/v_1 = 1; w_n/v_n = 1 - [H_2] / (K_m + [H_2])$ **(for n=2, 3, 4, and 5)**

$v_{np} = {}^2\alpha_p^+ \; v_{np} \; (D/H)_{H_2O}$; $w_{np} = {}^2\alpha_p^- \; w_{np}$

$v_{ns} = {}^2\alpha_s \, v_{ns}$; $w_{ns} = {}^2\alpha_s \, w_{ns}$