Time_shift_experiment_50_[1.e-10] P_experiment_50_[0.02] A_H2 + OH ===H + H2O_[100.] A_CH3 + OH ===CH2* + H2O_[0.693] (CH4 + OX ===CH2 + H2O', 'CH4 + OX ===H2 + cis-HCOH', 'CH4 + OX ===H2 + trans-HCOH', 'CH4 + OX ===CH3O + H2', 'CH4 + OX ===CH3OH + H', 'CH4 + OX ===CH3O + H', 'CH3OH ===CH3 + OH', 'CH3OH ===H2 + trans-HCOH', 'CH3OH ===H2 + cis-HCOH', 'CH3OH ===CH2 + H2O', 'CH3OH ===CH3O + H', 'CH3OH ===CH3OH + H', 'CH3OH ===CH3O + H2', 'CH3OH + H ===CH3O + H', 'H2 + trans-HCOH ===CH2O + H2', 'H2 + trans-HCOH ===CH3OH + H', 'H2 + trans-HCOH ===CH3O + H', 'OH + cis-HCOH', 'OH + CH3O ===H2 + cis-HCOH', 'OH + CH3O ===H2 + trans-HCOH', 'OH + CH3OH ===H2 + cis-HCOH', 'OH + CH3OH ===H2 + trans-HCOH', 'OH + CH3O ===CH3OH + H', 'CH3 + H2O ===H2 + cis-HCOH', 'CH3 + H2O ===H2 + trans-HCOH', 'CH3 + H2O ===CH3O + H', 'CH3 + H2O ===CH3OH + H', 'CH3O + H2O ===CH3OH + H', 'CH3O + H2O ===CH3O + H2', 'CH3O + H2O ===CH3OH + H', 'CH3OH + H2O ===CH3O + H', 'CH3 + OH ===H2 + cis-HCOH', 'CH3 + OH ===H2 + trans-HCOH', 'CH3 + OH ===CH2 + H2O', 'CH3 + OH ===CH3O + H', 'CH3O + H2 ===CH3OH + H', 'CH3 + OH ===CH3O + H2', 'CH3 + OH ===CH3OH + H', 'CH3OH + H2 ===CH3O + H', 'H2 + cis-HCOH ===H2 + trans-HCOH', 'H2 + cis-HCOH ===CH3OH + H', 'H2 + cis-HCOH ===CH3O + H', 'OH + CH4 ===CH4plus0d10dat1_P_T_[1.1]

T_experiment_50_[0.01] K_1_experiment_50_[0.05] K_2_experiment_50_[0.05] A_CH3OH3 + OH ===CH3O + OH + H2O_[0.693] (CH4 + OX ===CH2 + H2O', 'CH4 + OX ===H2 + cis-HCOH', 'CH4 + OX ===H2 + trans-HCOH', 'CH4 + OX ===CH2O + H2', 'CH4 + OX ===CH3OH + H', 'CH4 + OX ===CH3O + H', 'CH3OH ===CH3 + OH', 'CH3OH ===H2 + trans-HCOH', 'CH3OH ===H2 + cis-HCOH', 'CH3OH ===CH2 + H2O', 'CH3OH ===CH3O + H', 'CH3OH ===CH3OH + H', 'CH3OH ===CH3O + H2', 'CH3OH + H ===CH3O + H', 'H2 + trans-HCOH ===CH2O + H2', 'H2 + trans-HCOH ===CH3OH + H', 'H2 + trans-HCOH ===CH3O + H', 'OH + cis-HCOH', 'OH + CH3O ===H2 + cis-HCOH', 'OH + CH3O ===H2 + trans-HCOH', 'OH + CH3OH ===H2 + cis-HCOH', 'OH + CH3OH ===H2 + trans-HCOH', 'OH + CH3O ===CH3OH + H', 'CH3 + H2O ===H2 + cis-HCOH', 'CH3 + H2O ===H2 + trans-HCOH', 'CH3 + H2O ===CH3O + H', 'CH3 + H2O ===CH3OH + H', 'CH3O + H2O ===CH3OH + H', 'CH3O + H2O ===CH3O + H2', 'CH3O + H2O ===CH3OH + H', 'CH3OH + H2O ===CH3O + H', 'CH3 + OH ===H2 + cis-HCOH', 'CH3 + OH ===H2 + trans-HCOH', 'CH3 + OH ===CH2 + H2O', 'CH3 + OH ===CH3O + H', 'CH3O + H2 ===CH3OH + H', 'CH3 + OH ===CH3O + H2', 'CH3 + OH ===CH3OH + H', 'CH3OH + H2 ===CH3O + H', 'H2 + cis-HCOH ===H2 + trans-HCOH', 'H2 + cis-HCOH ===CH3OH + H', 'H2 + cis-HCOH ===CH3O + H', 'OH + CH4 ===CH4plus0d10dat1_P_T_[1.1]