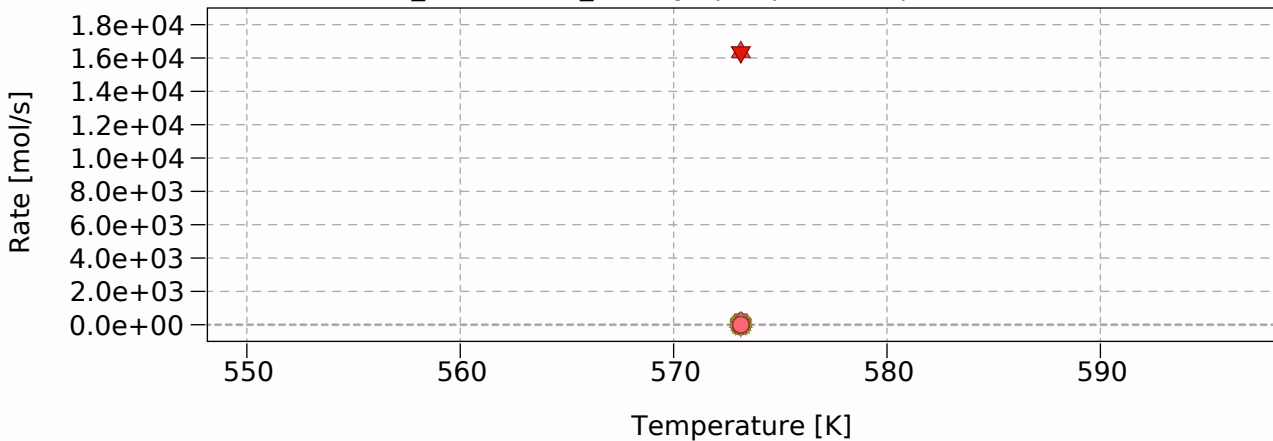


SEQUENCERUN_2024-07-05_1416/graphs/pdf/rates.pdf



▲ CO2 + * -> CO2*	▼ CO2 + * <- CO2*
◆ CO + * -> CO*	▣ CO + * <- CO*
⬠ H2 + 2 * -> 2 H*	⬡ H2 + 2 * <- 2 H*
⬢ CO2* + * -> CO* + O*	⬣ CO2* + * <- CO* + O*
⬤ CO2* + H* -> HCOO* + *	⬥ CO2* + H* <- HCOO* + *
⬦ CO2* + H* -> COOH* + *	⬧ CO2* + H* <- COOH* + *
⬨ CO2* + OH* -> COOH* + O*	⬩ CO2* + OH* <- COOH* + O*
⬪ CO2* + H2O* -> COOH* + OH*	⬫ CO2* + H2O* <- COOH* + OH*
⬬ CO2* + OH* -> HCOO* + O*	⬭ CO2* + OH* <- HCOO* + O*
⬮ CO2* + H2O* -> HCOO* + OH*	⬯ CO2* + H2O* <- HCOO* + OH*
⬰ COOH* + * -> CO* + OH*	⬱ COOH* + * <- CO* + OH*
⬲ COOH* + * -> COH* + O*	⬳ COOH* + * <- COH* + O*
⬴ HCOO* + * -> O* + HCO*	⬵ HCOO* + * <- O* + HCO*
⬶ CO* + * -> C* + O*	⬷ CO* + * <- C* + O*
⬸ HCO* + * -> CO* + H*	⬹ HCO* + * <- CO* + H*
⬺ HCO* + * -> CH* + O*	⬻ HCO* + * <- CH* + O*
⬼ COH* + * -> CO* + H*	⬽ COH* + * <- CO* + H*
⬿ COH* + * -> C* + OH*	⬰ COH* + * <- C* + OH*
⬱ C* + H* -> CH* + *	⬲ C* + H* <- CH* + *
⬳ CH* + H* -> CH2* + *	⬴ CH* + H* <- CH2* + *
⬵ CH2* + H* -> CH3* + *	⬶ CH2* + H* <- CH3* + *
⬷ HCO* + H* -> CH2O* + *	⬸ HCO* + H* <- CH2O* + *
⬹ HCO* + H* -> HCOH* + *	⬺ HCO* + H* <- HCOH* + *
⬻ COH* + H* -> HCOH* + *	⬼ COH* + H* <- HCOH* + *
⬽ HCOH* + * -> CH* + OH*	⬿ HCOH* + * <- CH* + OH*
⬰ HCOH* + H* -> CH2OH* + *	⬱ HCOH* + H* <- CH2OH* + *
⬲ CH2OH* + * -> CH2* + OH*	⬳ CH2OH* + * <- CH2* + OH*
⬴ CH2OH* + H* -> CH3OH* + *	⬵ CH2OH* + H* <- CH3OH* + *
⬶ CH2O* + H* -> CH2OH* + *	⬷ CH2O* + H* <- CH2OH* + *
⬸ CH2O* + * -> CH2* + O*	⬹ CH2O* + * <- CH2* + O*
⬺ CH2O* + H* -> CH3O* + *	⬻ CH2O* + H* <- CH3O* + *
⬼ CH3O* + * -> CH3* + O*	⬽ CH3O* + * <- CH3* + O*
⬿ CH3O* + H* -> CH3OH* + *	⬰ CH3O* + H* <- CH3OH* + *
⬱ CH3OH* + * -> CH3* + OH*	⬲ CH3OH* + * <- CH3* + OH*
⬳ O* + H* -> OH* + *	⬴ O* + H* <- OH* + *
⬵ OH* + H* -> H2O* + *	⬶ OH* + H* <- H2O* + *
⬷ OH* + OH* -> O* + H2O*	⬸ OH* + OH* <- O* + H2O*
⬹ H2O + * -> H2O*	⬺ H2O + * <- H2O*
⬻ CH4 + 2 * -> CH3* + H*	⬼ CH4 + 2 * <- CH3* + H*
⬽ CH3OH + * -> CH3OH*	⬿ CH3OH + * <- CH3OH*
⬰ CH2O + * -> CH2O*	⬱ CH2O + * <- CH2O*