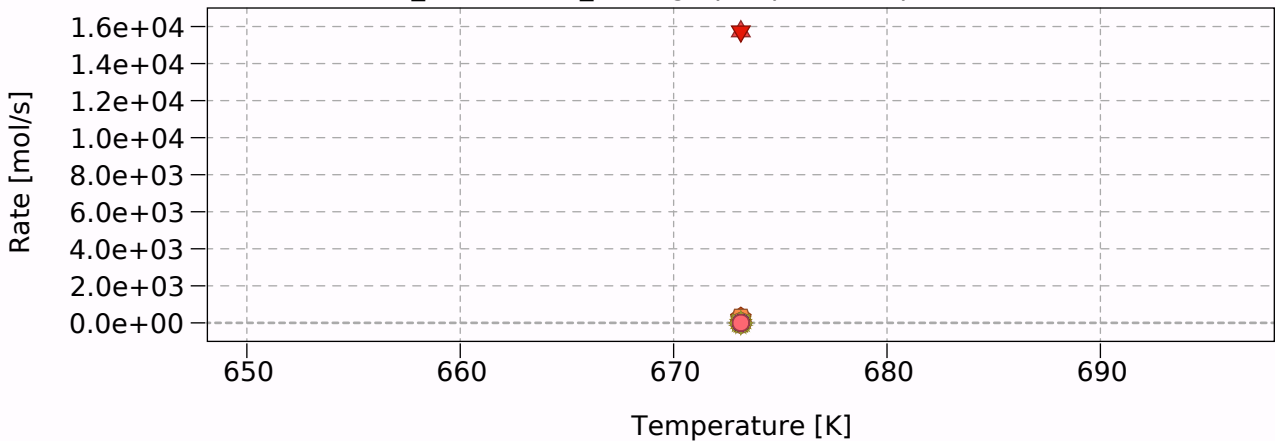


SEQUENCERUN_2024-07-05_1418/graphs/pdf/rates.pdf



▲ CO ₂ + * -> CO ₂ *	▼ CO ₂ + * <- CO ₂ *
◆ CO + * -> CO*	■ CO + * <- CO*
⬢ H ₂ + 2 * -> 2 H*	⬢ H ₂ + 2 * <- 2 H*
⬢ CO ₂ * + * -> CO* + O*	⬢ CO ₂ * + * <- CO* + O*
⬢ CO ₂ * + H* -> HCOO* + *	✦ CO ₂ * + H* <- HCOO* + *
★ CO ₂ * + H* -> COOH* + *	★ CO ₂ * + H* <- COOH* + *
★ CO ₂ * + OH* -> COOH* + O*	★ CO ₂ * + OH* <- COOH* + O*
★ CO ₂ * + H ₂ O* -> COOH* + OH*	● CO ₂ * + H ₂ O* <- COOH* + OH*
● CO ₂ * + OH* -> HCOO* + O*	● CO ₂ * + OH* <- HCOO* + O*
● CO ₂ * + H ₂ O* -> HCOO* + OH*	● CO ₂ * + H ₂ O* <- 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* -> CH ₂ * + *	● CH* + H* <- CH ₂ * + *
● CH ₂ * + H* -> CH ₃ * + *	● CH ₂ * + H* <- CH ₃ * + *
● HCO* + H* -> CH ₂ O* + *	● HCO* + H* <- CH ₂ O* + *
● HCO* + H* -> HCOH* + *	● HCO* + H* <- HCOH* + *
● COH* + H* -> HCOH* + *	● COH* + H* <- HCOH* + *
● HCOH* + * -> CH* + OH*	● HCOH* + * <- CH* + OH*
● HCOH* + H* -> CH ₂ OH* + *	● HCOH* + H* <- CH ₂ OH* + *
● CH ₂ OH* + * -> CH ₂ * + OH*	● CH ₂ OH* + * <- CH ₂ * + OH*
● CH ₂ OH* + H* -> CH ₃ OH* + *	● CH ₂ OH* + H* <- CH ₃ OH* + *
● CH ₂ O* + H* -> CH ₂ OH* + *	● CH ₂ O* + H* <- CH ₂ OH* + *
● CH ₂ O* + * -> CH ₂ * + O*	● CH ₂ O* + * <- CH ₂ * + O*
● CH ₂ O* + H* -> CH ₃ O* + *	● CH ₂ O* + H* <- CH ₃ O* + *
● CH ₃ O* + * -> CH ₃ * + O*	● CH ₃ O* + * <- CH ₃ * + O*
● CH ₃ O* + H* -> CH ₃ OH* + *	● CH ₃ O* + H* <- CH ₃ OH* + *
● CH ₃ OH* + * -> CH ₃ * + OH*	● CH ₃ OH* + * <- CH ₃ * + OH*
● O* + H* -> OH* + *	● O* + H* <- OH* + *
● OH* + H* -> H ₂ O* + *	● OH* + H* <- H ₂ O* + *
● OH* + OH* -> O* + H ₂ O*	● OH* + OH* <- O* + H ₂ O*
● H ₂ O + * -> H ₂ O*	● H ₂ O + * <- H ₂ O*
● CH ₄ + 2 * -> CH ₃ * + H*	● CH ₄ + 2 * <- CH ₃ * + H*
● CH ₃ OH + * -> CH ₃ OH*	● CH ₃ OH + * <- CH ₃ OH*
● CH ₂ O + * -> CH ₂ O*	● CH ₂ O + * <- CH ₂ O*