



Time\_shift\_experiment\_39 [1.e-10] P\_experiment\_39 [0.02] X\_1\_experiment\_39 [0.05] X\_0\_experiment\_39 [0.05] ('2 CH3 <=> C2H5 + H', '2 CH3 <=> C2H4 + H2', 'C2H6 <=> C2H4 + H2', 'C2H6 <=> C2H5 + H', 'C2H6 <=> 2 CH3')\_P\_2 [0.1]

T\_experiment\_39 [0.01] A\_H2 + OH <=> H + H2O [100.] A\_CH3 + OH <=> CH2\* + H2O [0.693] A\_CH3COCH3 + OH <=> CH2CO + CH3 + H2O [0.693] ('CH4 + OX <=> CH2 + H2O', 'CH4 + OX <=> H2 + cis-HCOH', 'CH4 + OX <=> H2 + trans-HCOH', 'CH4 + OX <=> CH2O + H2', 'CH4 + OX <=> CH2OH + H', 'CH4 + OX <=> CH3O + H', 'CH3OH <=> CH3 + OH', 'CH3OH <=> H2 + trans-HCOH', 'CH3OH <=> H2 + cis-HCOH', 'CH3OH <=> CH2 + H2O', 'CH3OH <=> CH3O + H', 'CH3OH <=> CH2OH + H', 'CH3OH <=> CH2O + H2', 'CH2OH + H <=> CH3O + H', 'H2 + trans-HCOH <=> CH2O + H2', 'H2 + trans-HCOH <=> CH2OH + H', 'H2 + trans-HCOH <=> CH3O + H', 'CH4 + OX <=> CH3OH', 'CH2 + H2O <=> H2 + cis-HCOH', 'CH2 + H2O <=> H2 + trans-HCOH', 'CH2 + H2O <=> CH3O + H', 'CH2 + H2O <=> CH2O + H2', 'CH2 + H2O <=> CH2OH + H', 'CH2O + H2 <=> CH3O + H', 'CH3 + OH <=> H2 + cis-HCOH', 'CH3 + OH <=> H2 + trans-HCOH', 'CH3 + OH <=> CH2 + H2O', 'CH3 + OH <=> CH3O + H', 'CH2O + H2 <=> CH2OH + H', 'CH3 + OH <=> CH2O + H2', 'CH3 + OH <=> CH2OH + H', 'H2 + cis-HCOH <=> H2 + trans-HCOH', 'H2 + cis-HCOH <=> CH2OH + H', 'H2 + cis-HCOH <=> CH2O + H2', 'H2 + cis-HCOH <=> CH3O + H', 'CH4 + OX <=> CH4plusO1Dabs')\_P\_2 [0.1]