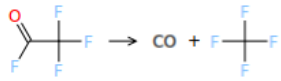
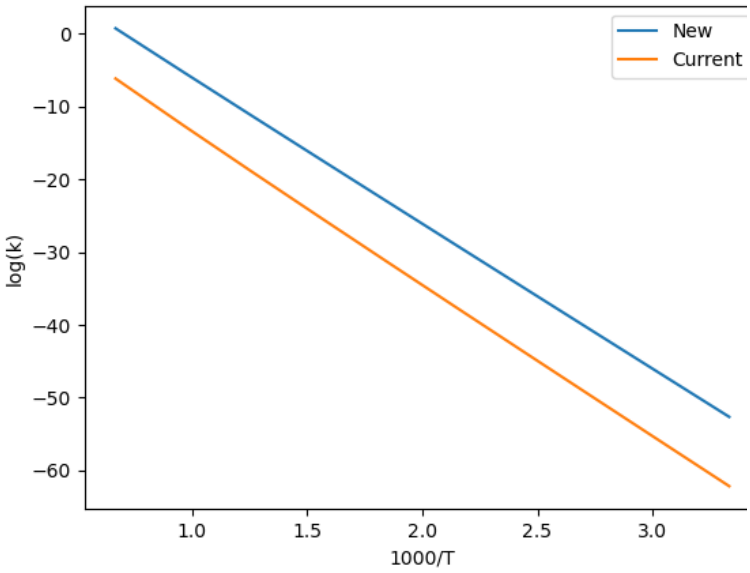
12 reactions matched to 1,2_Insertion_CO

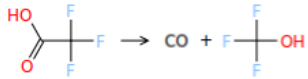
index: 31 

Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(7.68e+09,'s^-1'), n=1.26, Ea=(90122.9,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.0107824,'m^3/(mol*s)'), n=2.93313, w0=(794.5,'kJ/mol'), E0=(387.509,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=0.0, var=33.13686319048999, Tref=1000.0, N=1, data_mean=0.0, correlation='Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s',), comment="""Estimated from node Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s Multiplied by reaction path degeneracy 4.0""")

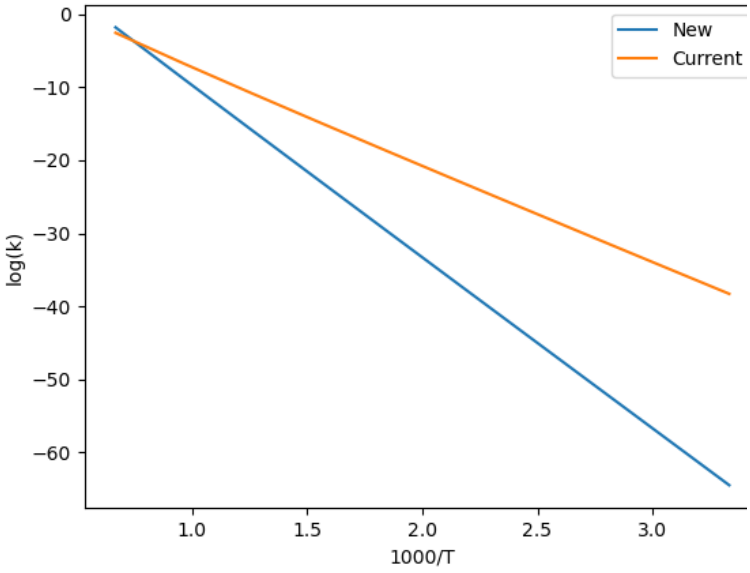


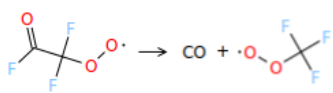
index: 43 

Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(5.57e+09,'s^-1'), n=1.23, Ea=(106083,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.000742267,'m^3/(mol*s)'), n=2.83796, w0=(753.2,'kJ/mol'), E0=(242.307,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=1.2632766423807829, var=145.9379134136138, Tref=1000.0, N=5, data_mean=0.0, correlation='Root_N-1COCbCdCsCtHNOSSidSis->Cs',), comment="""Estimated from node Root_N-1COCbCdCsCtHNOSSidSis->Cs""")

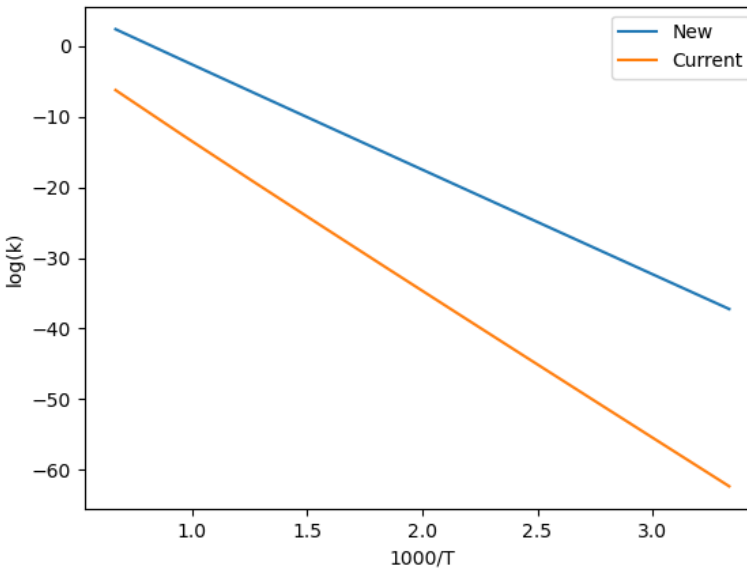


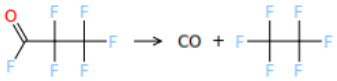
index: 47 

Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(1.32e+10,'s^-1'), n=0.63, Ea=(67139.3,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.0080868,'m^3/(mol*s)'), n=2.93313, w0=(794.5,'kJ/mol'), E0=(387.509,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=0.0, var=33.13686319048999, Tref=1000.0, N=1, data_mean=0.0, correlation='Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s',), comment="""Estimated from node Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s Multiplied by reaction path degeneracy 3.0""")

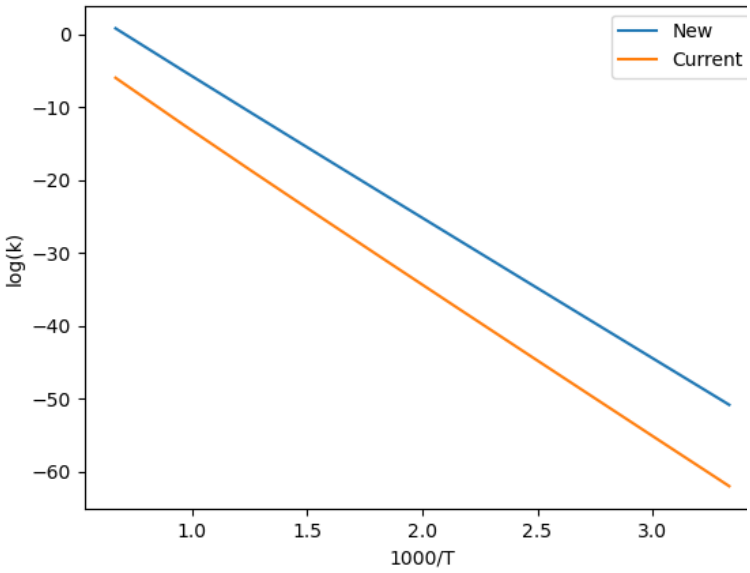


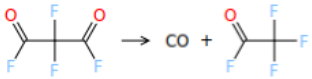
index: 66 

Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(1.09e+09,'s^-1'), n=1.4, Ea=(86945.8,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.0161736,'m^3/(mol*s)'), n=2.93313, w0=(794.5,'kJ/mol'), E0=(387.509,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=0.0, var=33.13686319048999, Tref=1000.0, N=1, data_mean=0.0, correlation='Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s',), comment="""Estimated from node Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s Multiplied by reaction path degeneracy 6.0""")



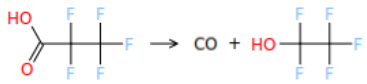
index: 91 

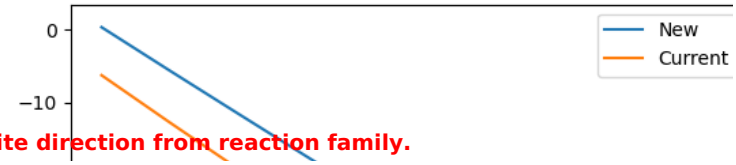
Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(1.59e+08,'s^-1'), n=1.55, Ea=(87970.3,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.0080868,'m^3/(mol*s)'), n=2.93313, w0=(794.5,'kJ/mol'), E0=(387.509,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=0.0, var=33.13686319048999, Tref=1000.0, N=1, data_mean=0.0, correlation='Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s',), comment="""Estimated from node Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s Multiplied by reaction path

degeneracy 3.0""")

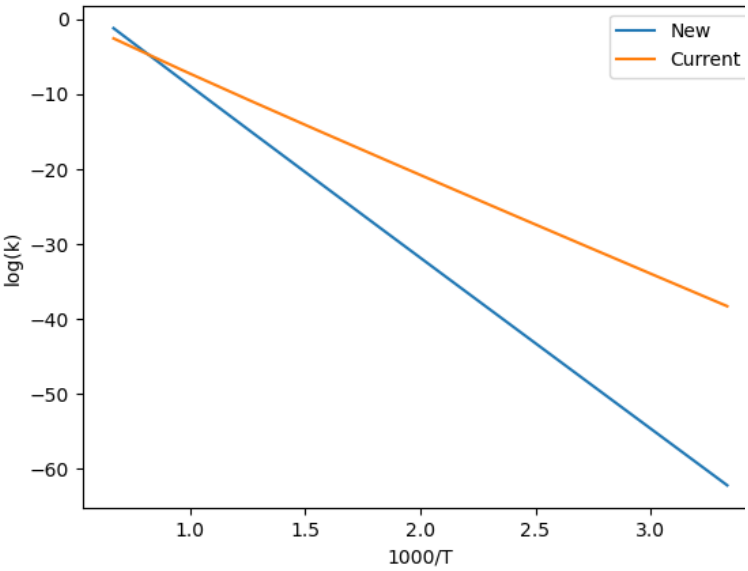
index: 99 

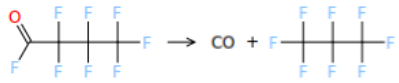


Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(2.18e+10,'s^-1'), n=1.11, Ea=(103335,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.000742267,'m^3/(mol*s)'), n=2.83796, w0=(753.2,'kJ/mol'), E0=(242.307,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=1.2632766423807829, var=145.9379134136138, Tref=1000.0, N=5, data_mean=0.0, correlation='Root_N-1COCbCdCsCtHNOSSidSis->Cs',), comment="""Estimated from node Root_N-1COCbCdCsCtHNOSSidSis->Cs""")

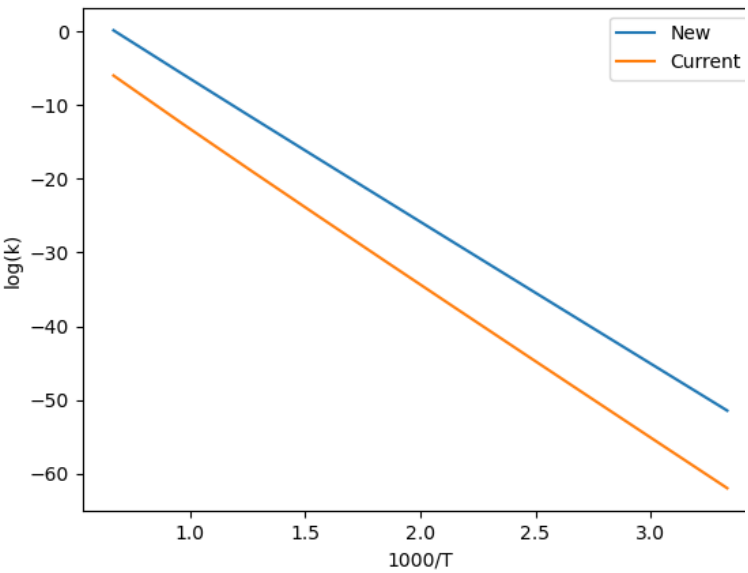


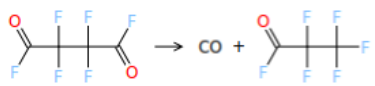
index: 125 

Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(1.93e+08,'s^-1'), n=1.43, Ea=(86880.4,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.0161736,'m^3/(mol*s)'), n=2.93313, w0=(794.5,'kJ/mol'), E0=(387.509,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=0.0, var=33.13686319048999, Tref=1000.0, N=1, data_mean=0.0, correlation='Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s',), comment="""Estimated from node Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s Multiplied by reaction path degeneracy 6.0""")



index: 149 

Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(1.19e+06,'s^-1'), n=2.07, Ea=(82365.8,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.0080868,'m^3/(mol*s)'), n=2.93313, w0=(794.5,'kJ/mol'), E0=(387.509,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'),

uncertainty=RateUncertainty(mu=0.0, var=33.13686319048999, Tref=1000.0, N=1, data_mean=0.0, correlation='Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s',), comment="""Estimated from node Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s Multiplied by reaction path degeneracy 3.0""")

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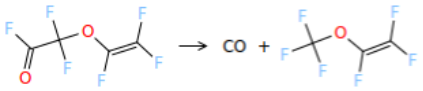
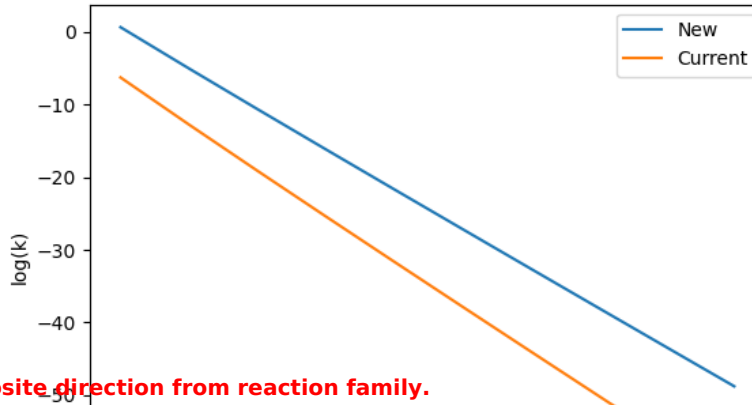
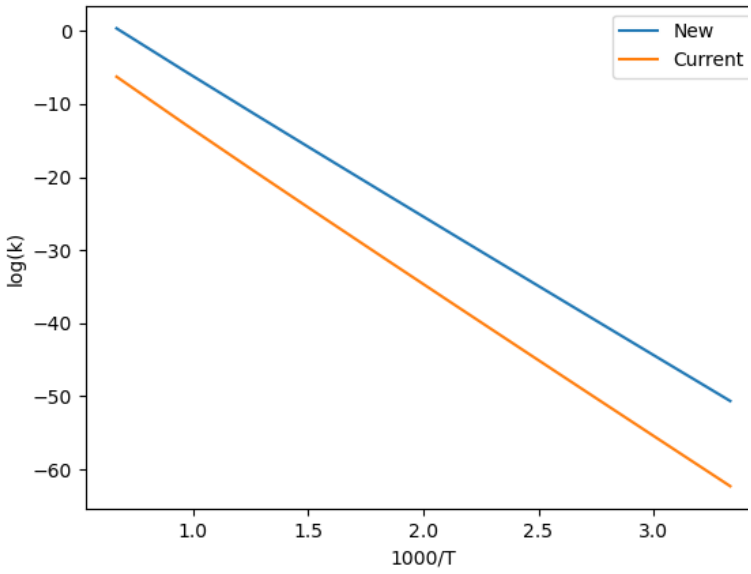


Note: Training reaction written in opposite direction from reaction family.

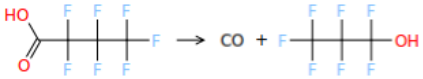


New Kinetics:
Arrhenius(A=(894000,'s^-1'), n=2.13, Ea=(84929.5,'cal/mol'), T0=(1,'K'))

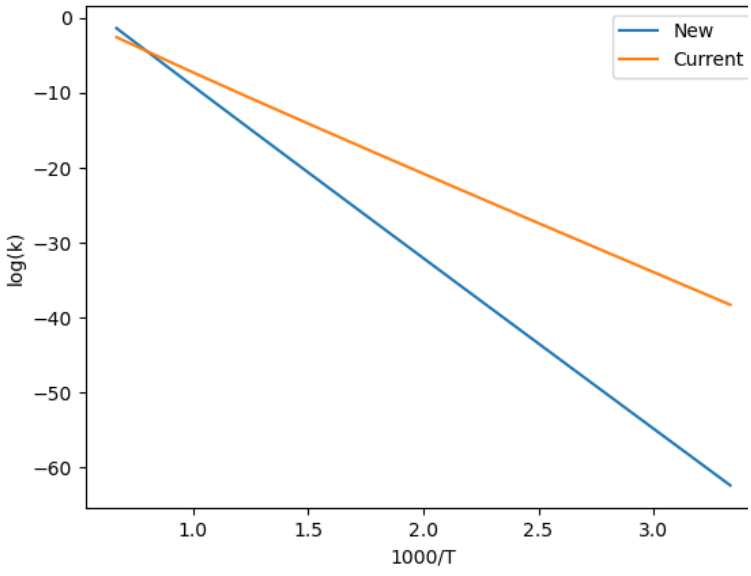
Current Kinetics
ArrheniusBM(A=(0.0080868,'m^3/(mol*s)'), n=2.93313, w0=(794.5,'kJ/mol'), E0=(387.509,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=0.0, var=33.13686319048999, Tref=1000.0, N=1, data_mean=0.0, correlation='Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s',), comment="""Estimated from node Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s Multiplied by reaction path degeneracy 3.0""")



index: 161



Note: Training reaction written in opposite direction from reaction family.



New Kinetics:
Arrhenius(A=(8.36e+08,'s^-1'), n=1.49, Ea=(102989,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.000742267,'m^3/(mol*s)'), n=2.83796, w0=(753.2,'kJ/mol'), E0=(242.307,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=1.2632766423807829, var=145.9379134136138, Tref=1000.0, N=5, data_mean=0.0, correlation='Root_N-1COCbCdCsCtHNOSSidSis->Cs',), comment="""Estimated from node Root_N-1COCbCdCsCtHNOSSidSis->Cs""")

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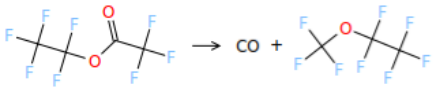
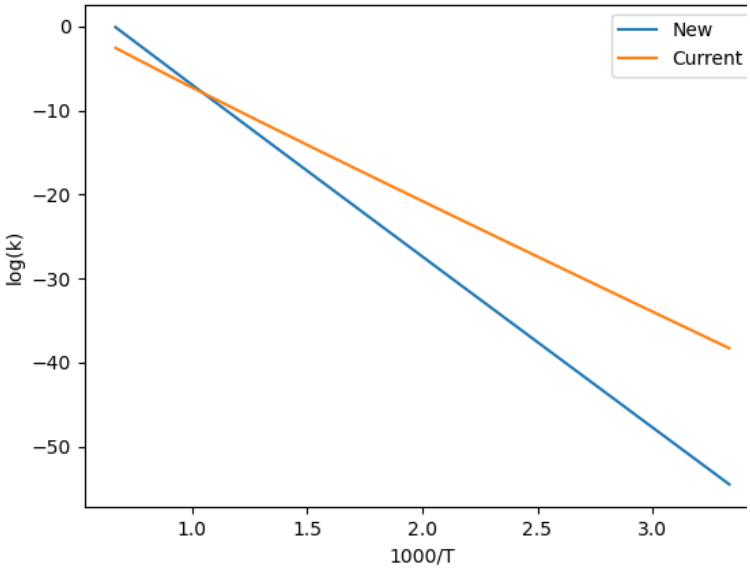


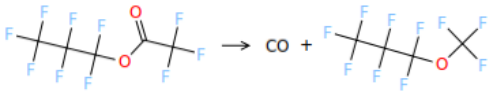
Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(9.97e+10,'s^-1'), n=0.75, Ea=(92443.6,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.000742267,'m^3/(mol*s)'), n=2.83796, w0=(753.2,'kJ/mol'), E0=(242.307,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=1.2632766423807829, var=145.9379134136138, Tref=1000.0, N=5, data_mean=0.0, correlation='Root_N-1COCbCdCsCtHNOSSidSis->Cs',), comment="""Estimated from node Root_N-1COCbCdCsCtHNOSSidSis->Cs""")



index: 212



Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(1.44e+11,'s^-1'), n=0.67, Ea=(94390.8,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.000742267,'m^3/(mol*s)'), n=2.83796, w0=(753.2,'kJ/mol'), E0=(242.307,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=1.2632766423807829, var=145.9379134136138, Tref=1000.0, N=5, data_mean=0.0, correlation='Root_N-1COCbCdCsCtHNOSSidSis->Cs',), comment="""Estimated from node Root_N-1COCbCdCsCtHNOSSidSis->Cs""")