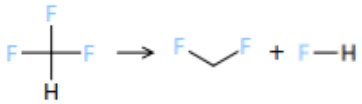
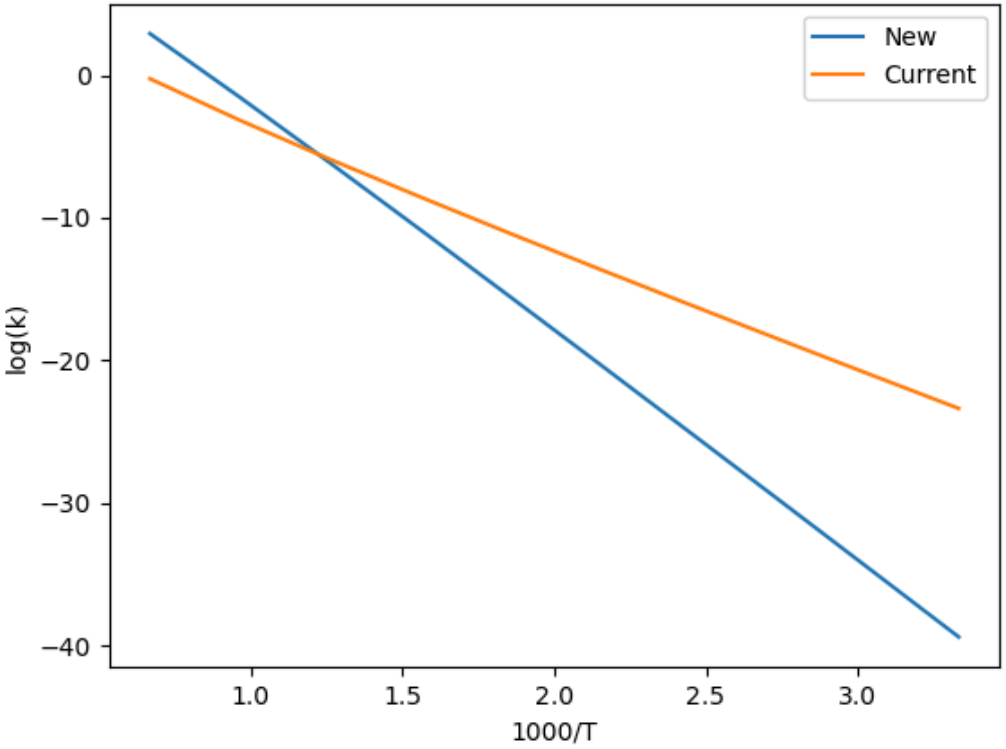
3 reactions matched to 1,2_Insertion_carbene

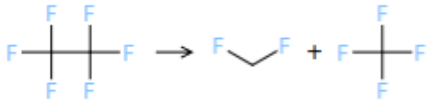
index: 3 

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

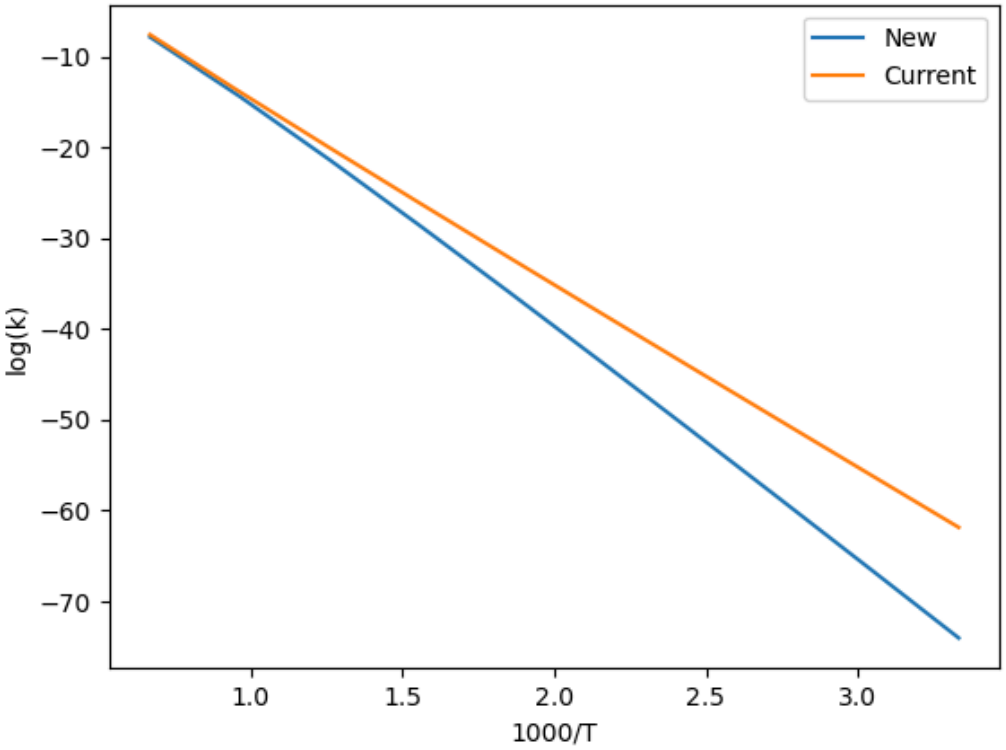
New Kinetics:
Arrhenius(A=(2.15e+23,'s^-1'), n=-2.93, Ea=(76170,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(3.98081e-09,'m^3/(mol*s)'), n=4.16158, w0=(730.5,'kJ/mol'), E0=(145.218,'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='HY_3Br1sCCl1sF1sHI1s->F1s_2Br1sCl1sF1sHI1s->F1s_4Br1sCl1sF1sI1s->F1s',), comment="""Estimated from node HY_3Br1sCCl1sF1sHI1s->F1s_2Br1sCl1sF1sHI1s->F1s_4Br1sCl1sF1sI1s->F1s""")



index: 15 

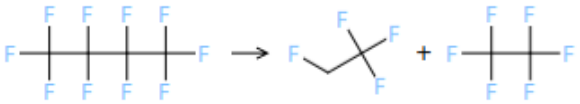
Note: Training reaction written in opposite direction from reaction family.



New Kinetics:
Arrhenius(A=(1.82e+41,'s^-1'), n=-9.72, Ea=(125200,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(5.34328e-06,'m^3/(mol*s)'), n=3.3552, w0=(658,'kJ/mol'), E0=(372.673,'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='CY_N-2Br1sCl1sF1sHI1s->H_Ext-4Cs-R',), comment="""Estimated from node CY_N-2Br1sCl1sF1sHI1s->H_Ext-4Cs-R Multiplied by reaction path degeneracy 4.0""")

index: 87



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

New Kinetics:
Arrhenius(A=(3.99e+42,'s^-1'), n=-9.51, Ea=(128100,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(2.10281e+54,'m^3/(mol*s)'), n=-13.541, w0=(581.04,'kJ/mol'), E0=(336.403,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=1.513119107657762, var=99.27123869380007, Tref=1000.0, N=63, data_mean=0.0, correlation='Root',), comment="""Estimated from node Root Multiplied by reaction path degeneracy 6.0""")