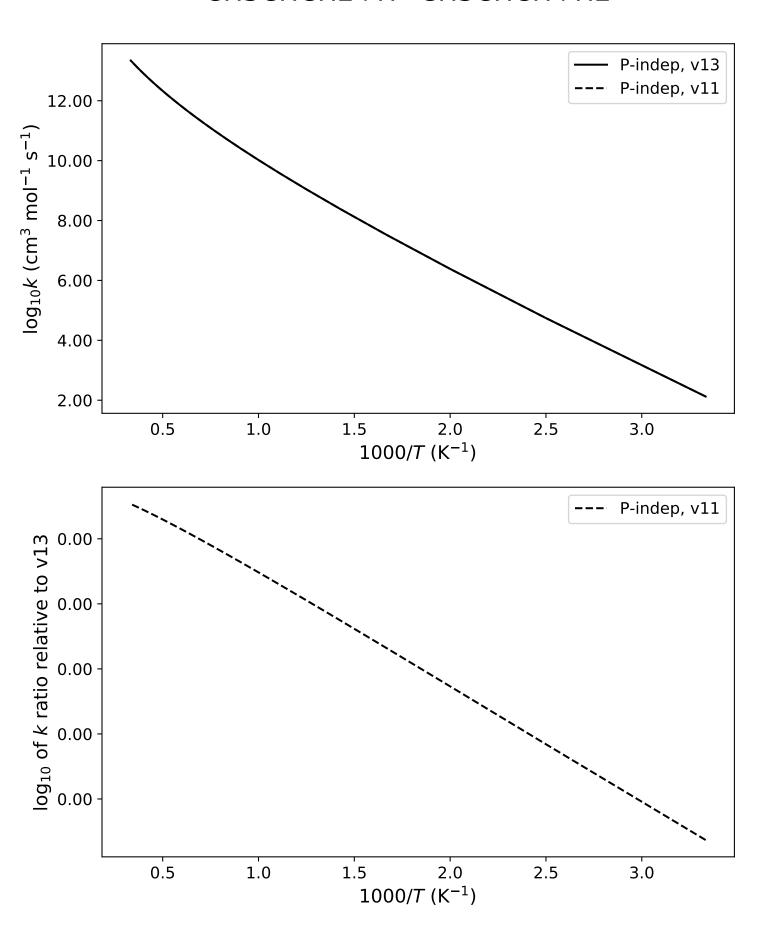
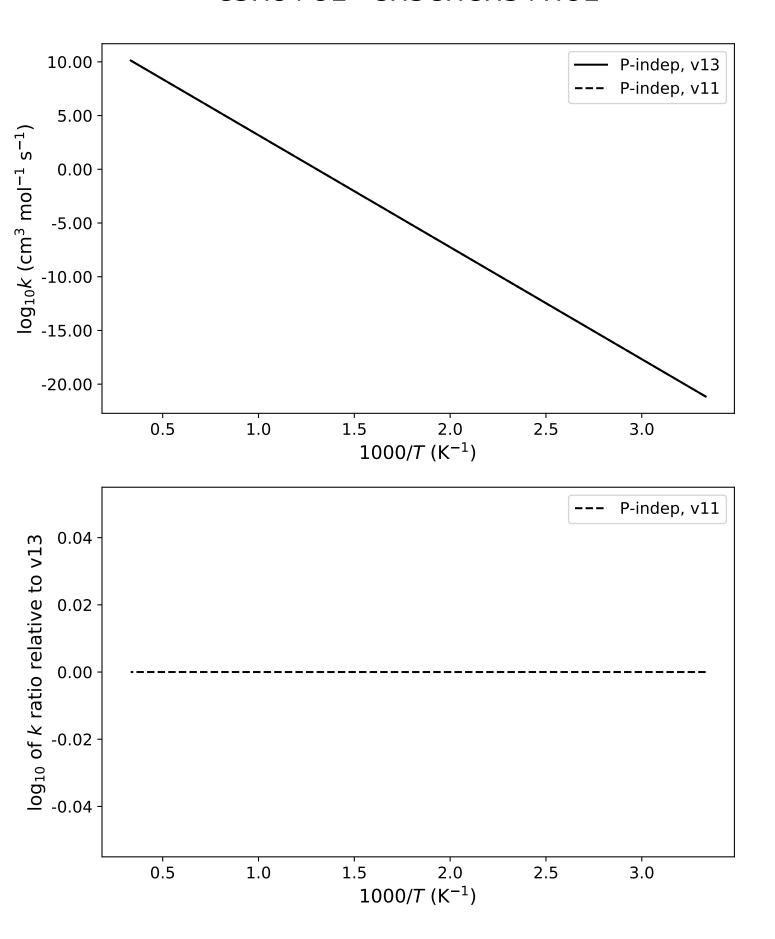
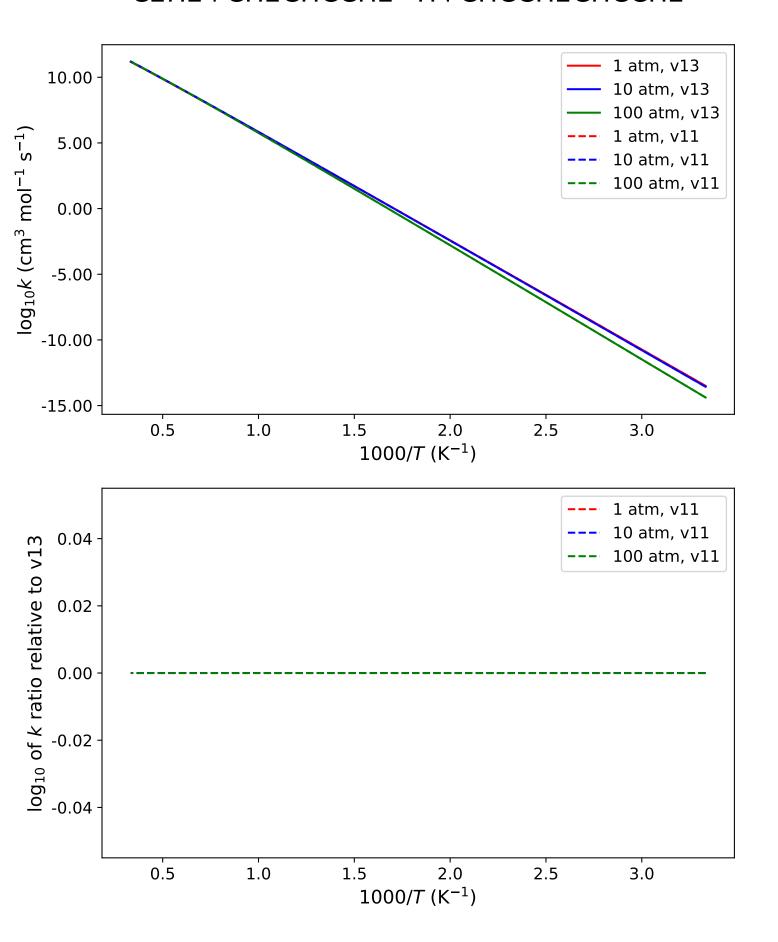
### CH3CHCH2+H=CH3CHCH+H2



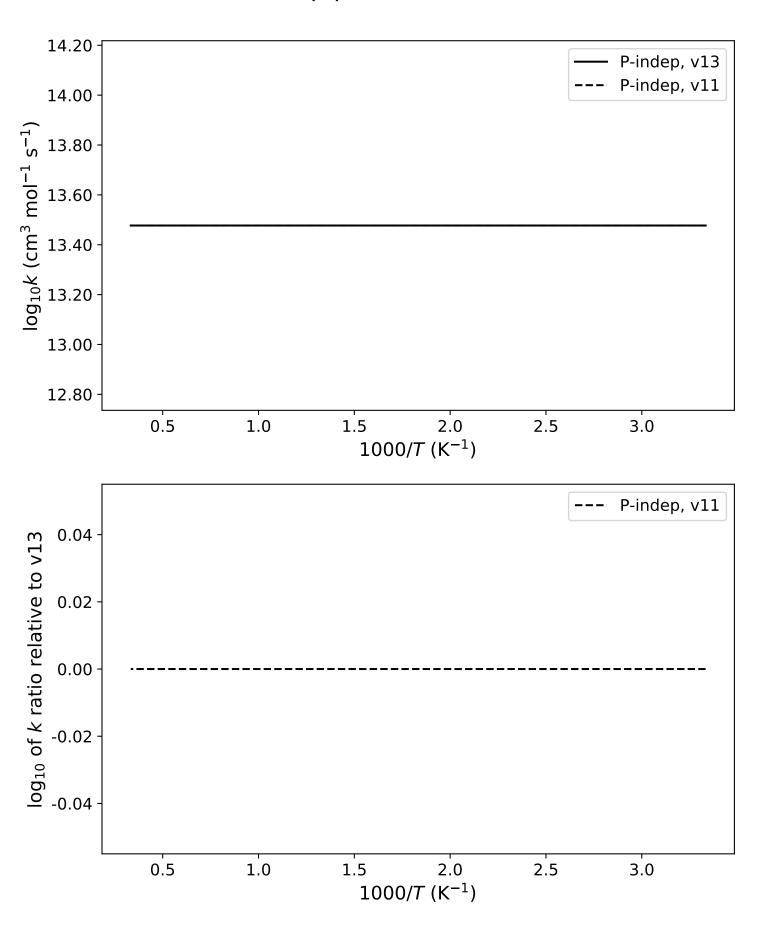
### C3H8+O2=CH3CHCH3+HO2



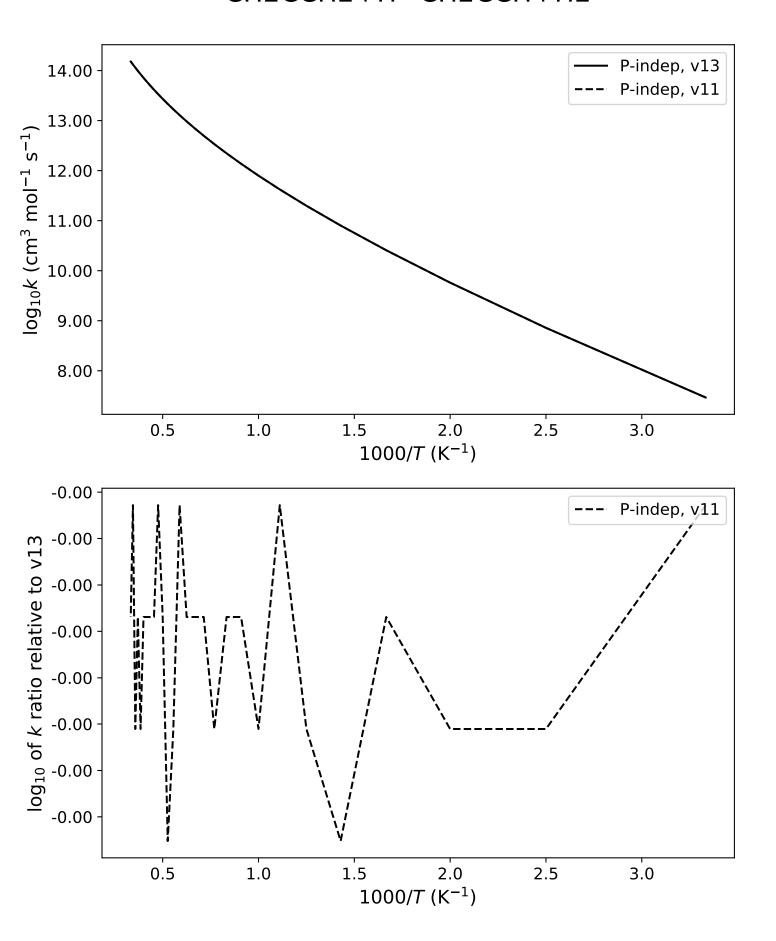
#### C2H2+CH2CHCCH2=H+CHCCH2CHCCH2



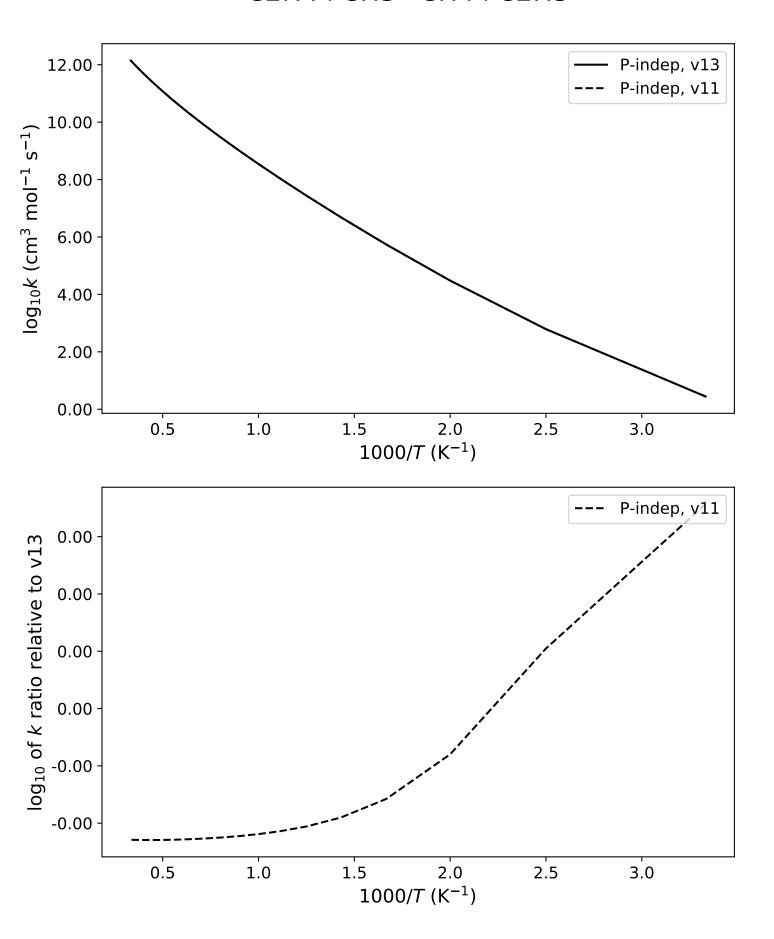
## CHOH(T)+O2=CO2+H+OH



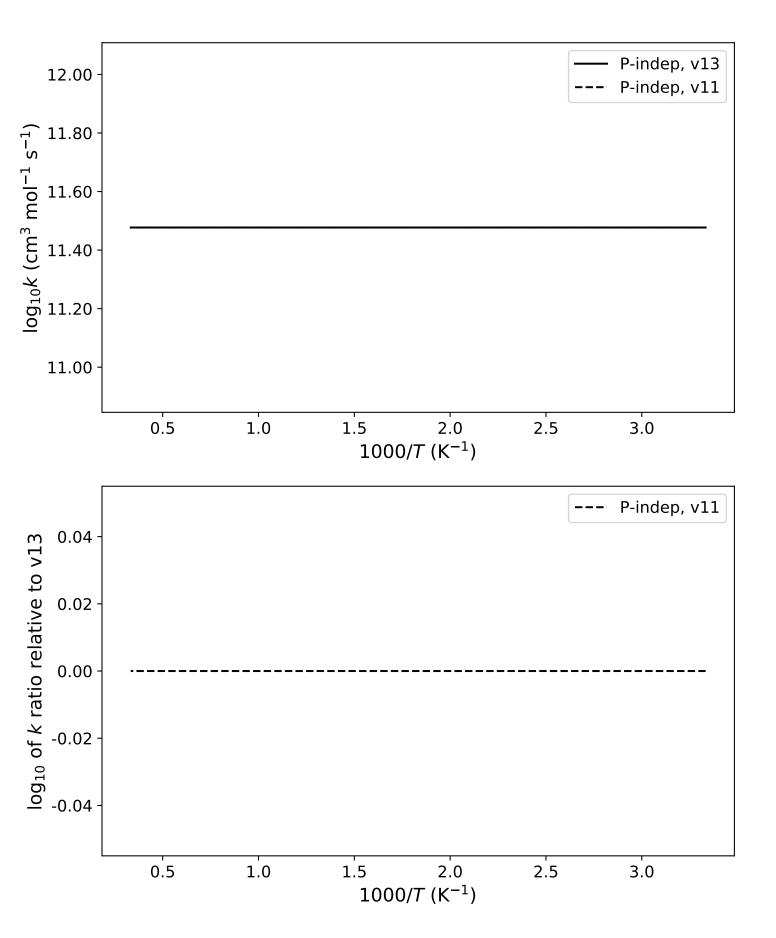
### CH2CCH2+H=CH2CCH+H2



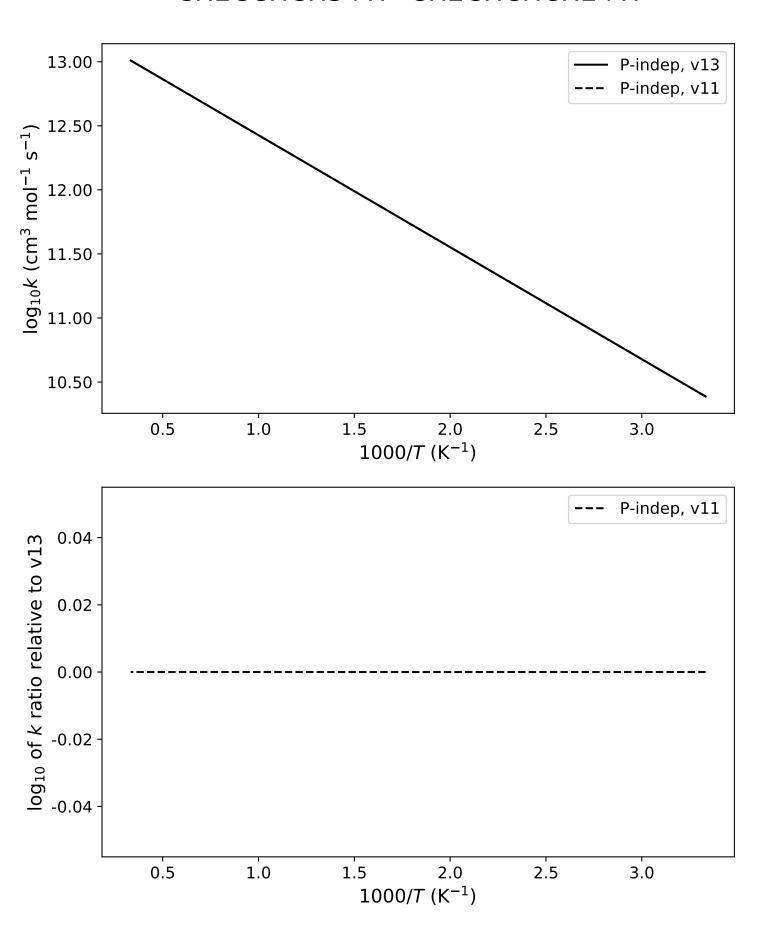
## C2H4+CH3=CH4+C2H3



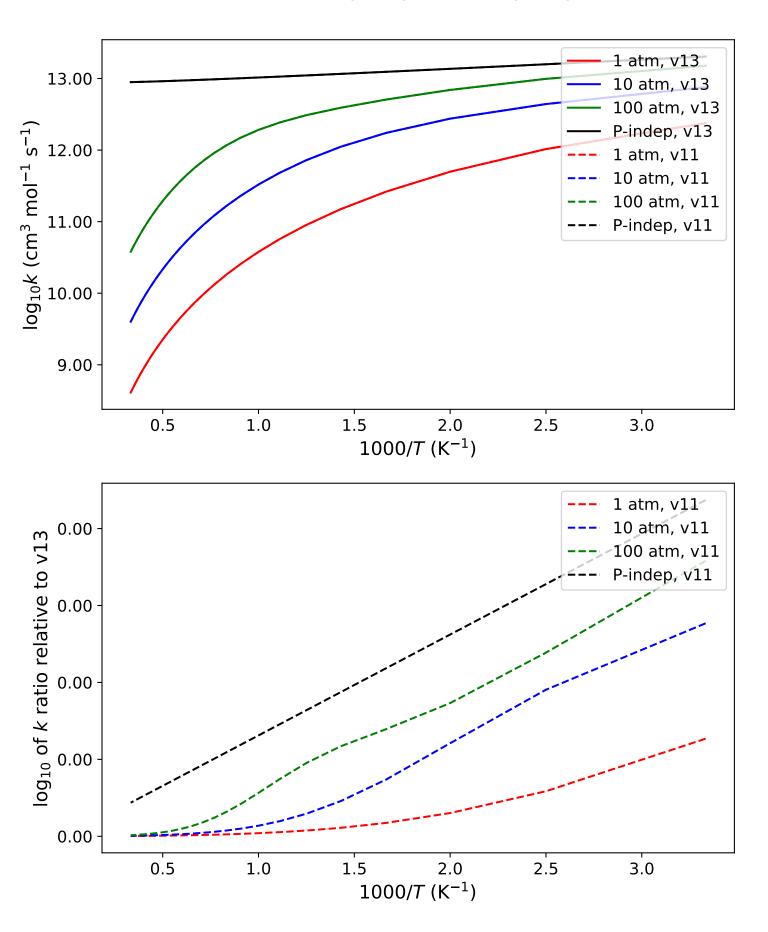
### CH3OO+CH3O=CH2O+CH3OOH



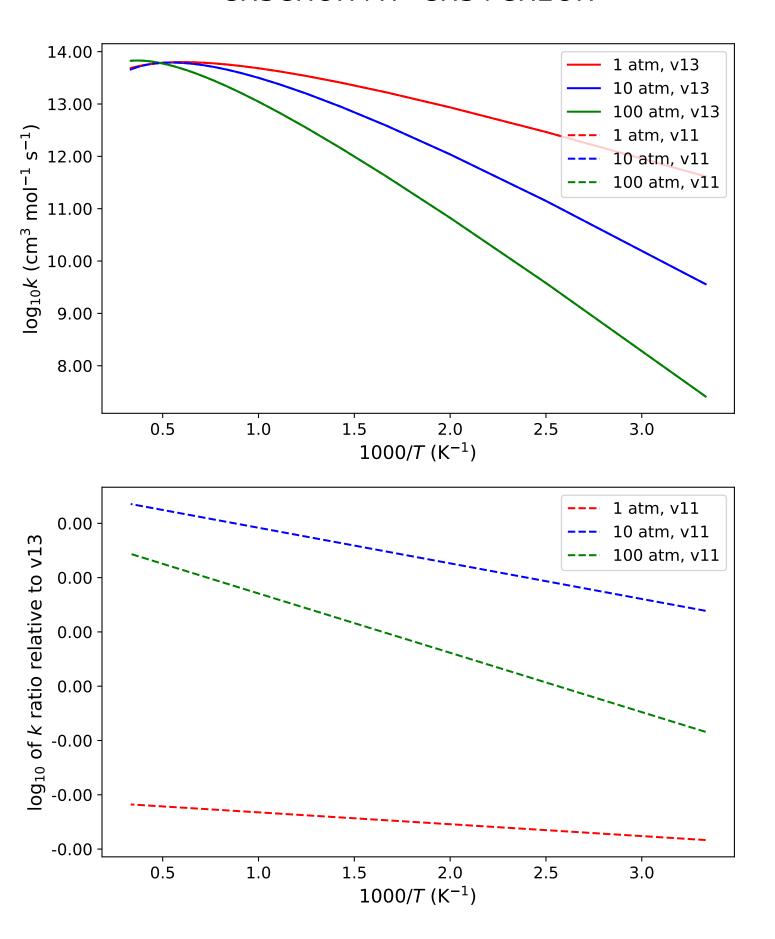
### CH2CCHCH3+H=CH2CHCHCH2+H



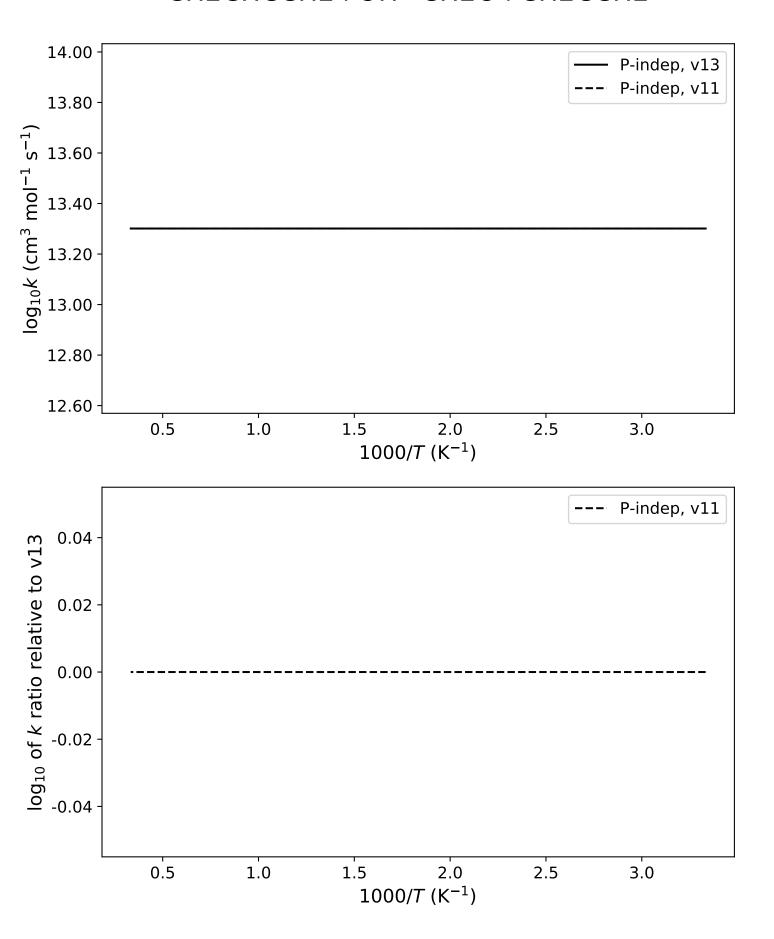
#### OH+OH(+M)=H2O2(+M)



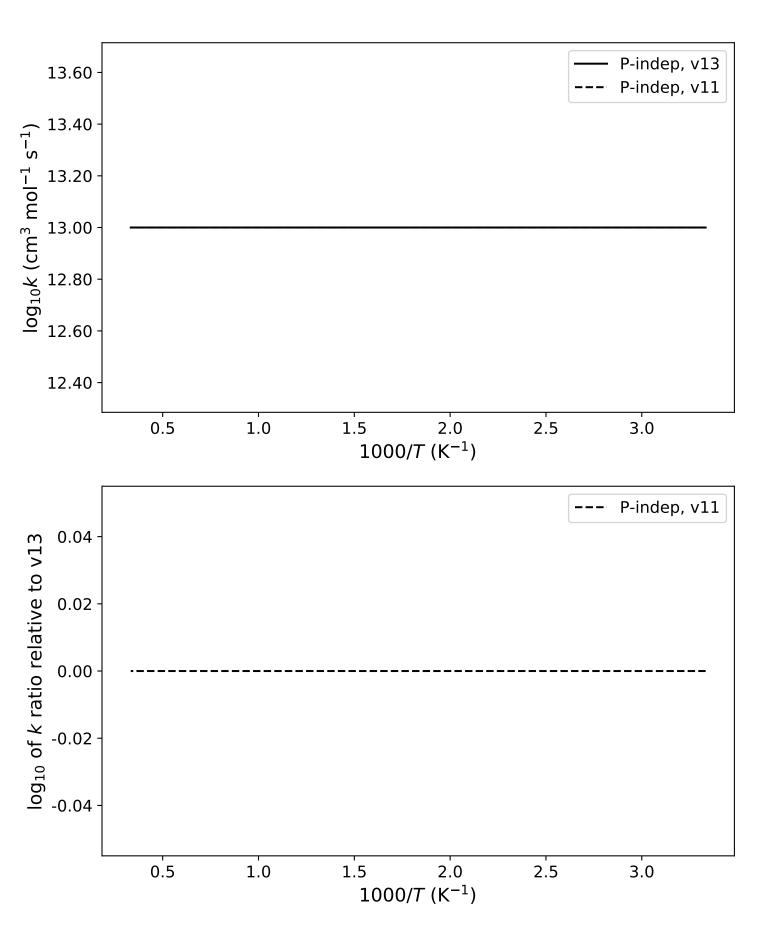
# CH3CHOH+H=CH3+CH2OH



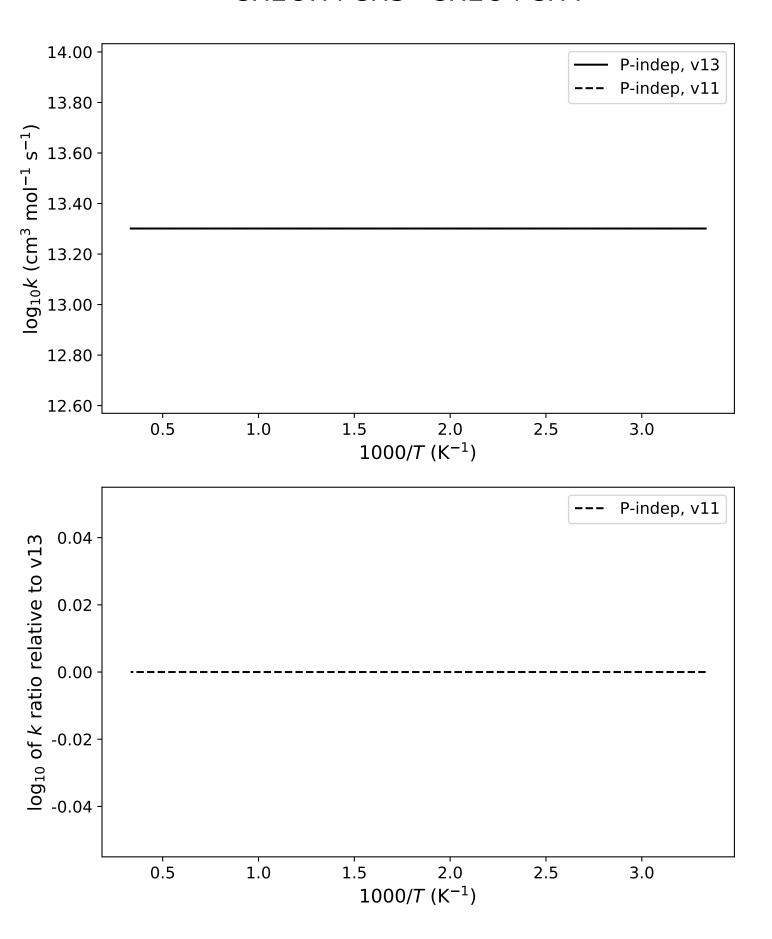
### CH2CHCCH2+OH=CH2O+CH2CCH2



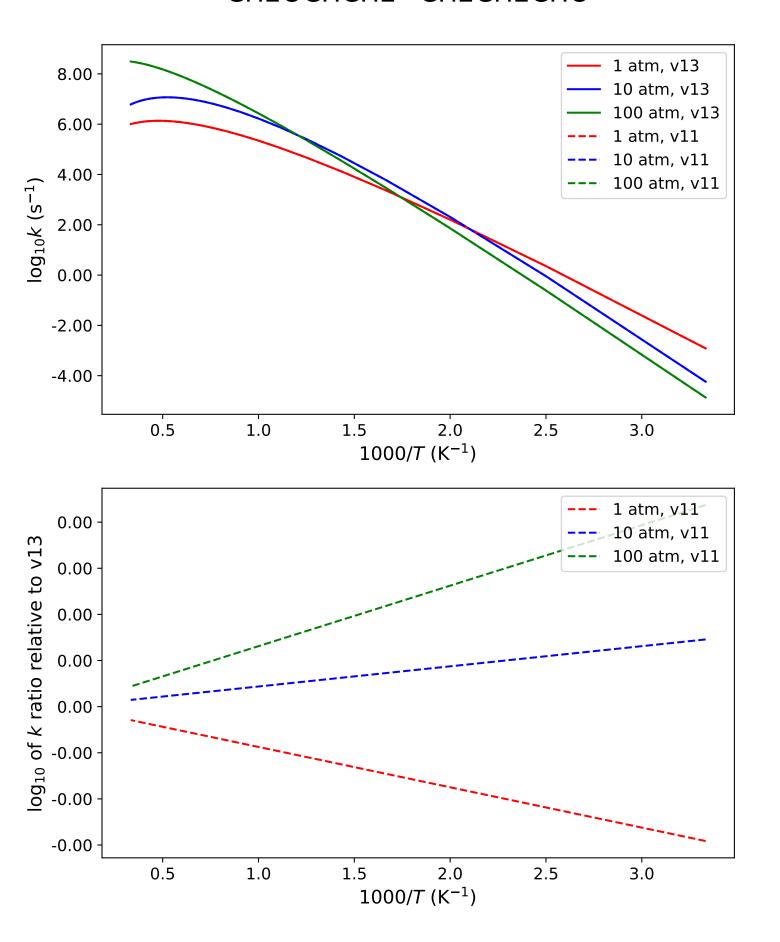
### CH2CCH+HO2=CH2CCH2+O2



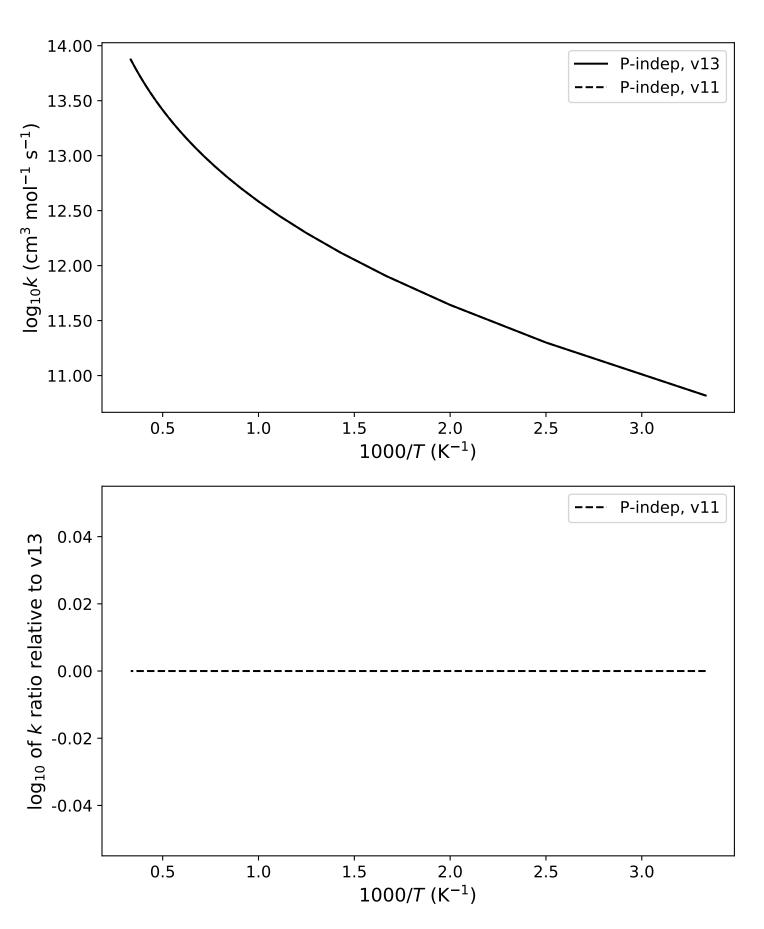
### CH2OH+CH3=CH2O+CH4



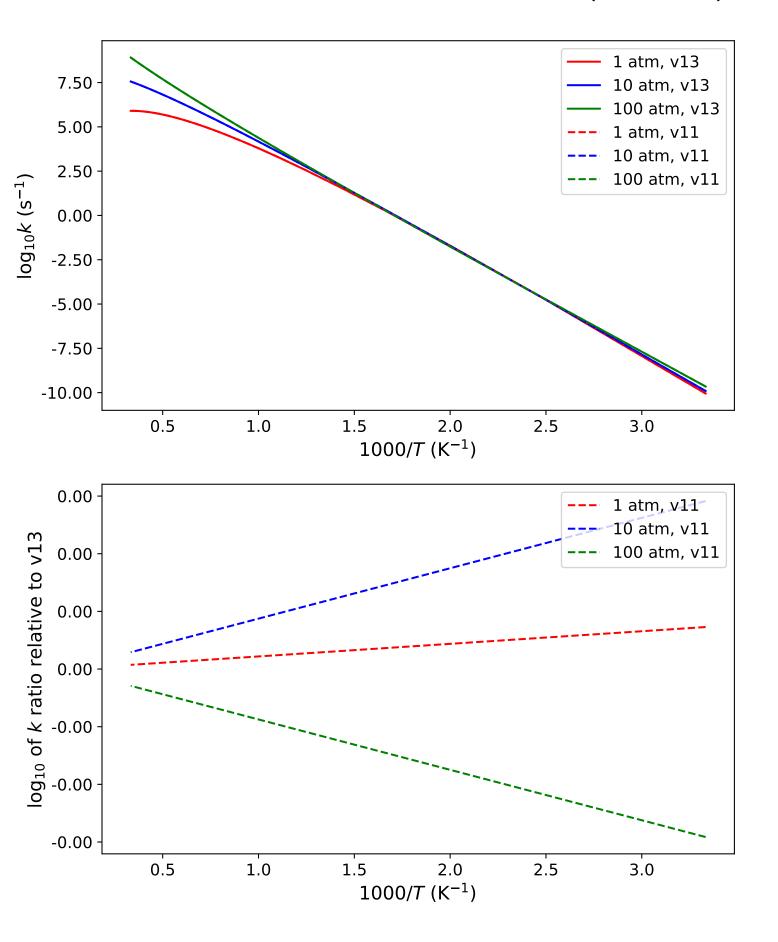
### CH2OCHCH2=CH2CH2CHO



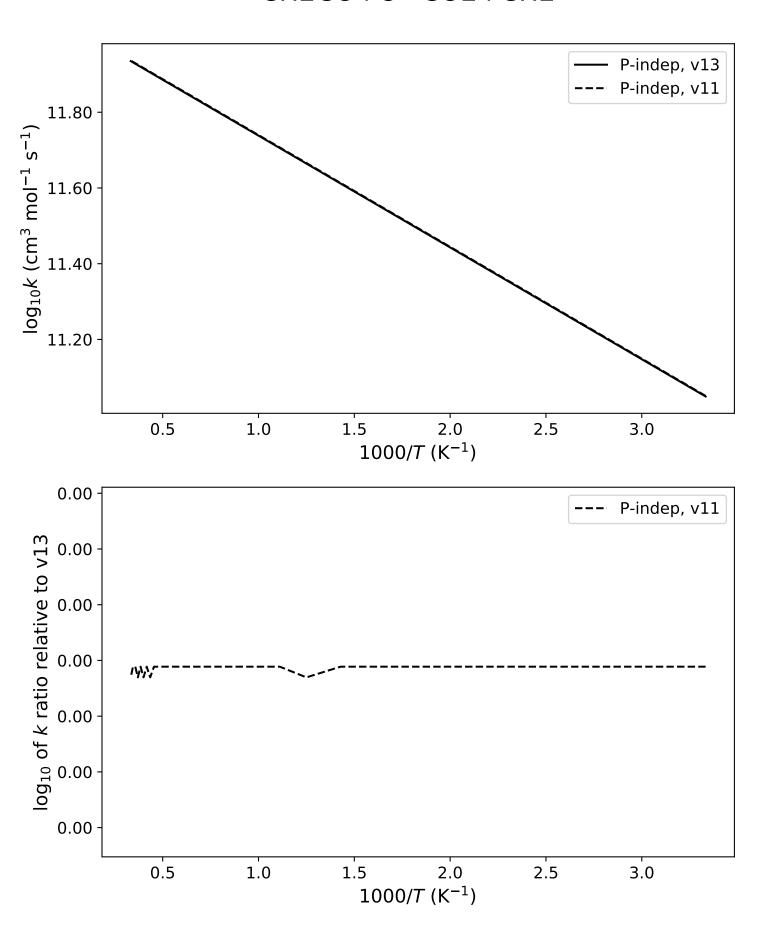
### C2+H2=C2H+H



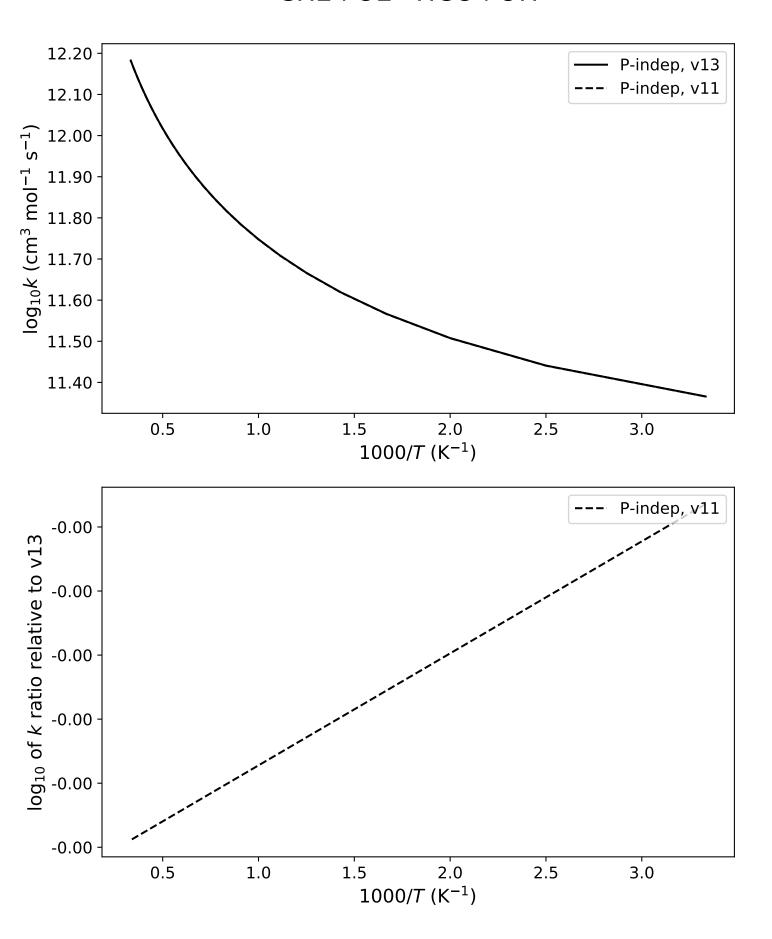
## OHOCH2CH2COO=OH+c-CH2OCH(CH2OOH)



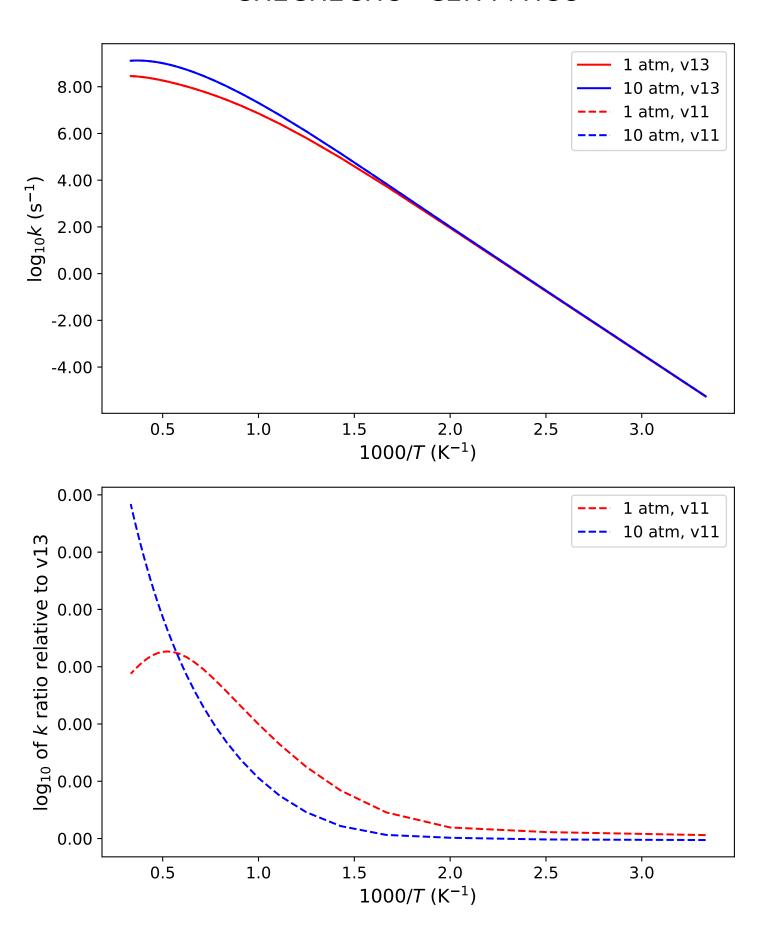
## CH2CO+O=CO2+CH2



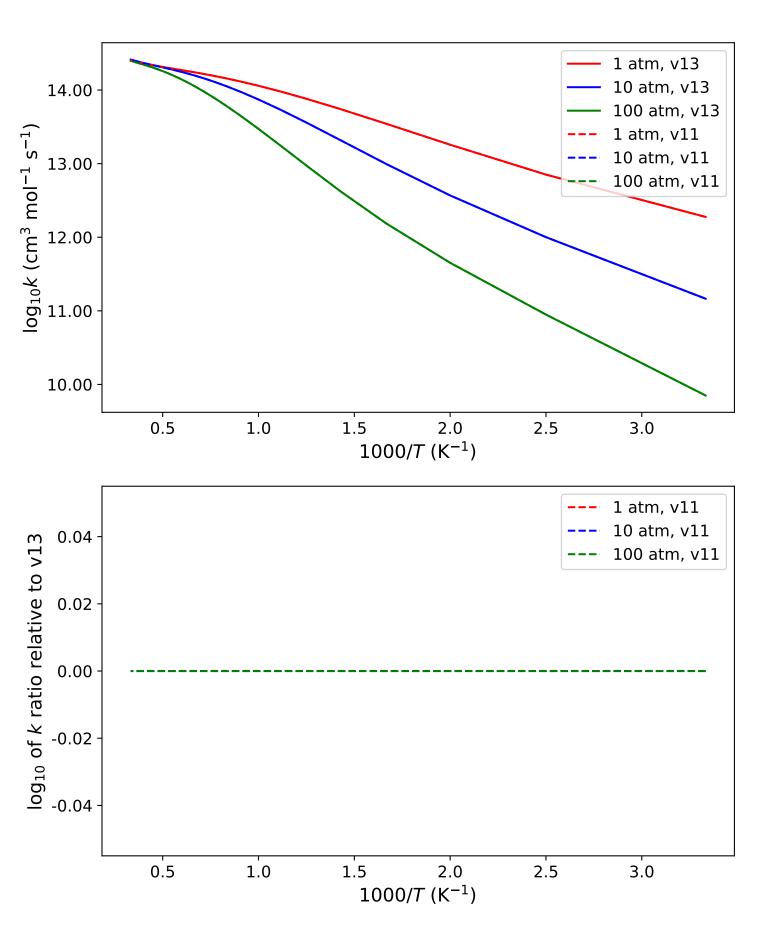
## CH2+O2=HCO+OH



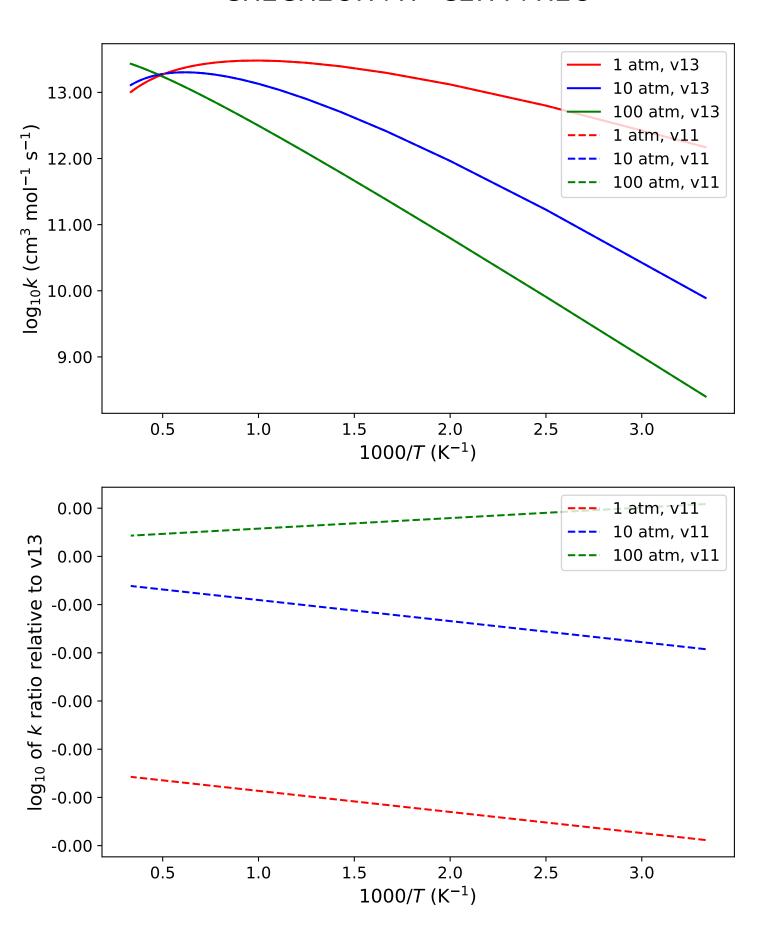
### CH2CH2CH0=C2H4+HCO



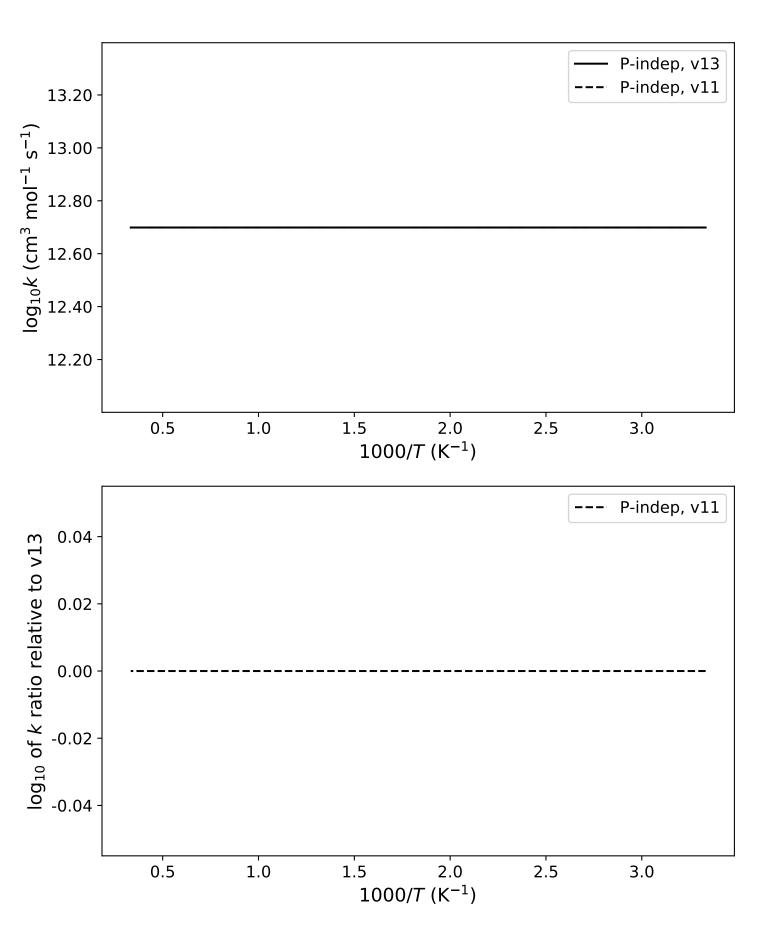
### CH2CC+H=CHCCH+H



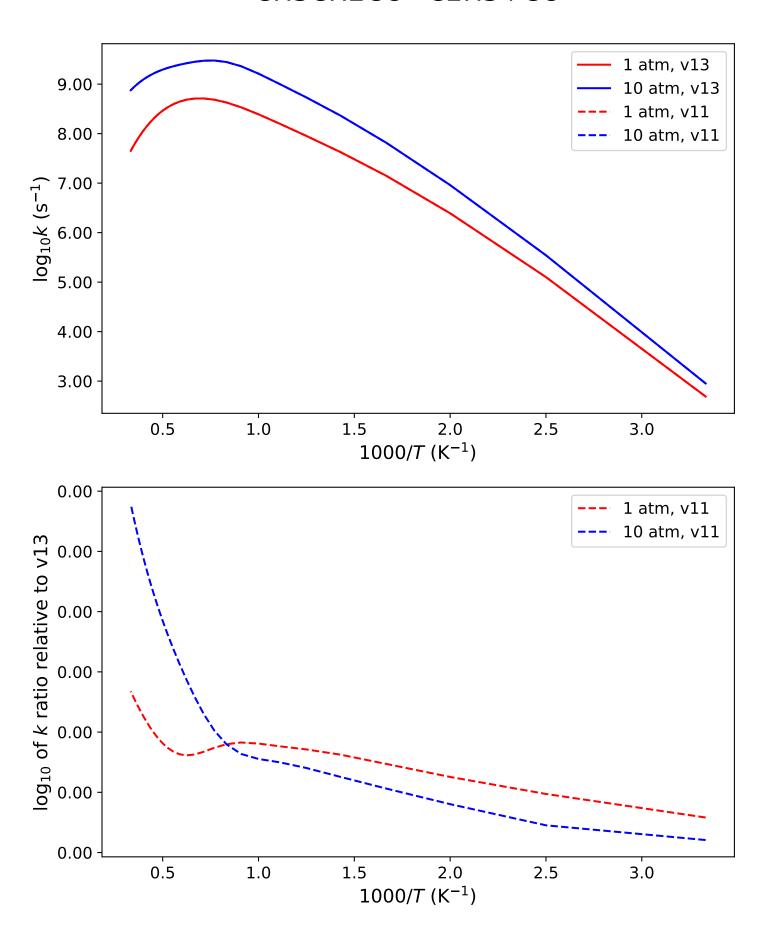
### CH2CH2OH+H=C2H4+H2O



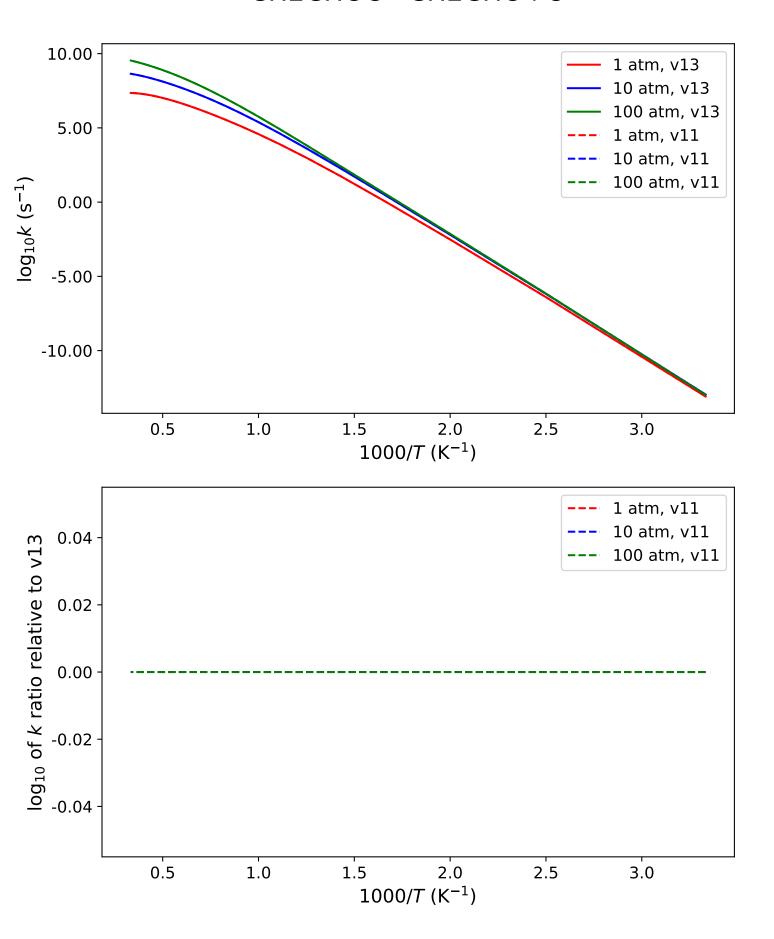
### CH3CCH2+O2=CH3CO+CH2O



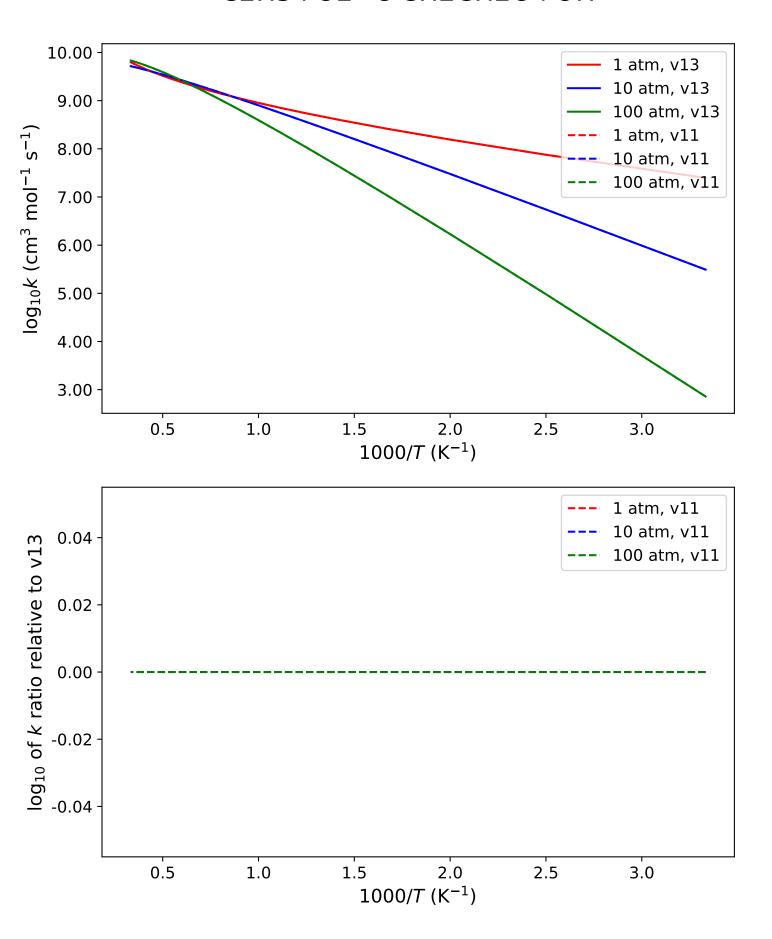
## CH3CH2CO=C2H5+CO



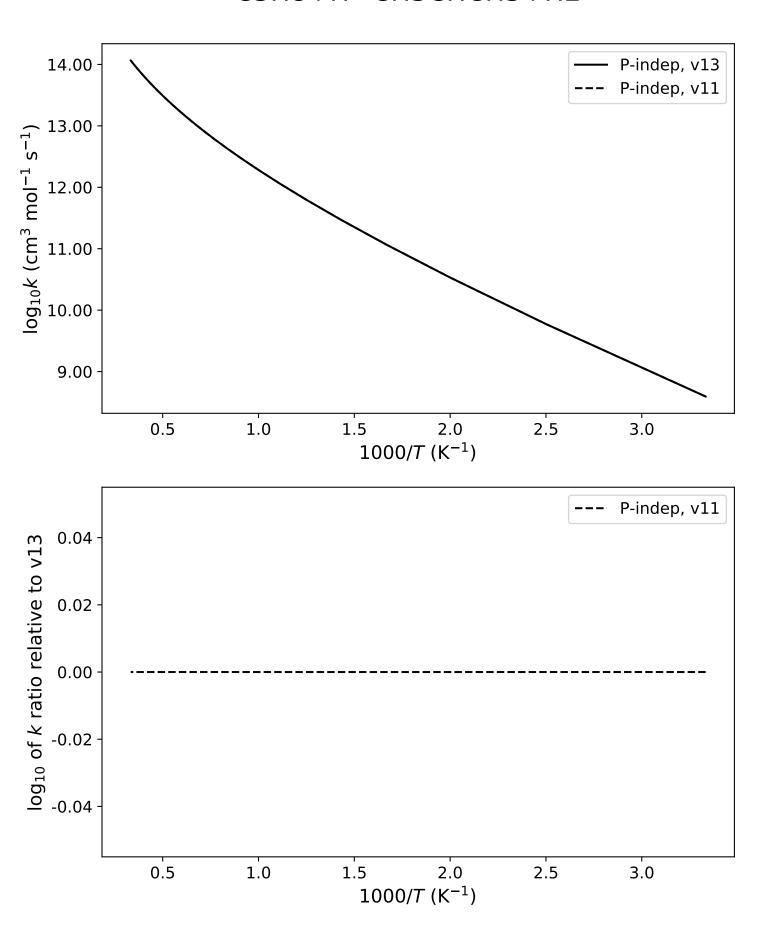
### CH2CHOO=CH2CHO+O



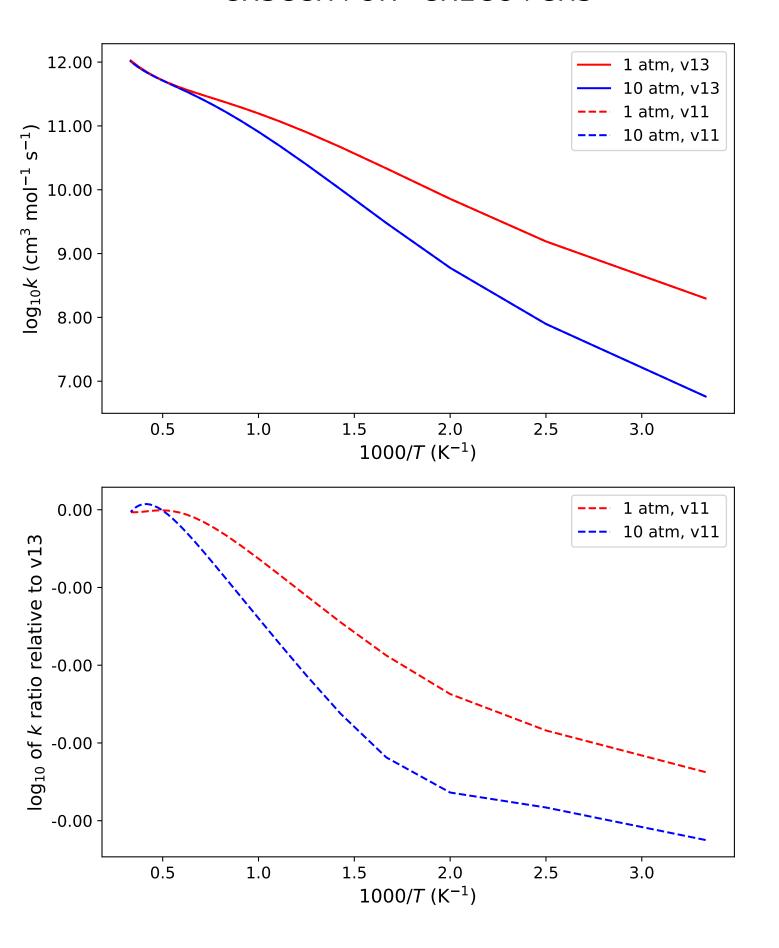
#### C2H5+O2=c-CH2CH2O+OH



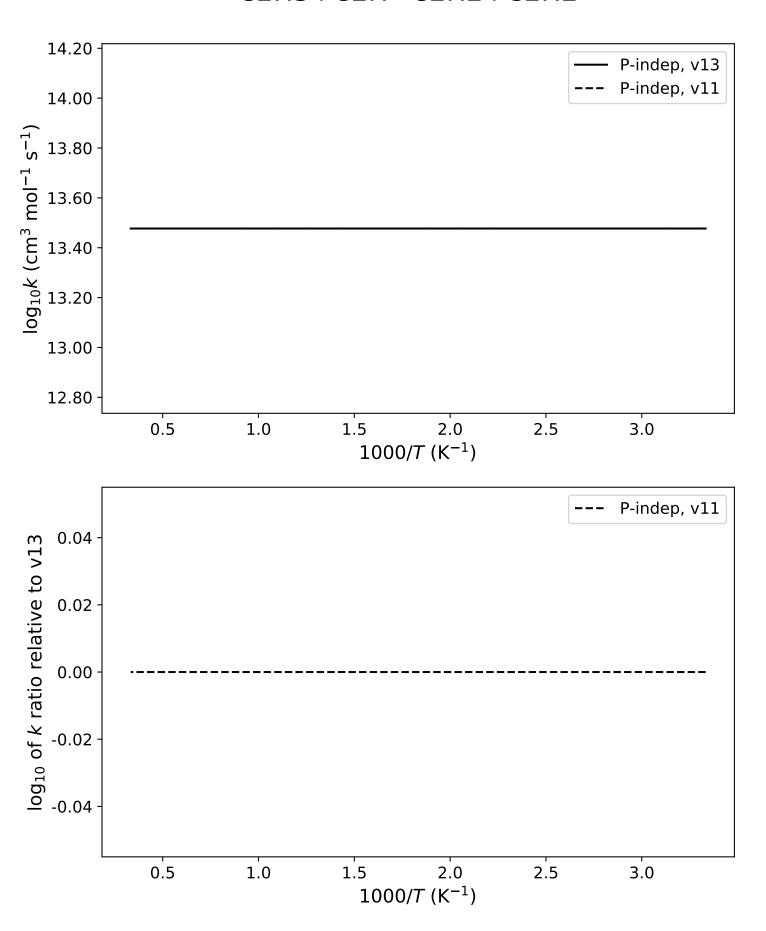
### C3H8+H=CH3CHCH3+H2



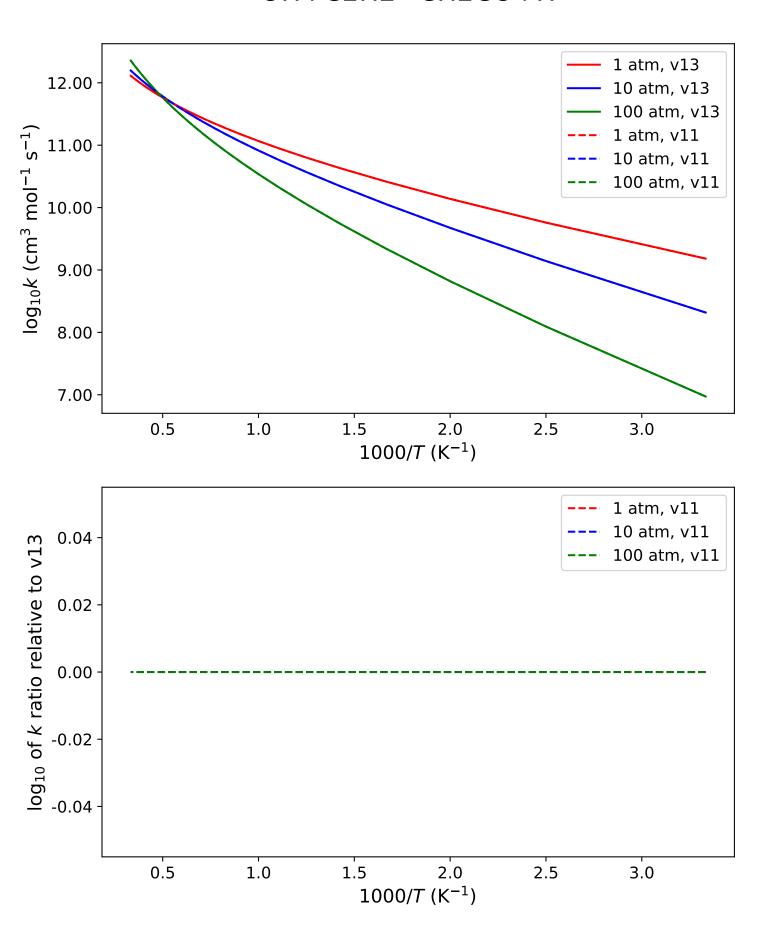
### CH3CCH+OH=CH2CO+CH3



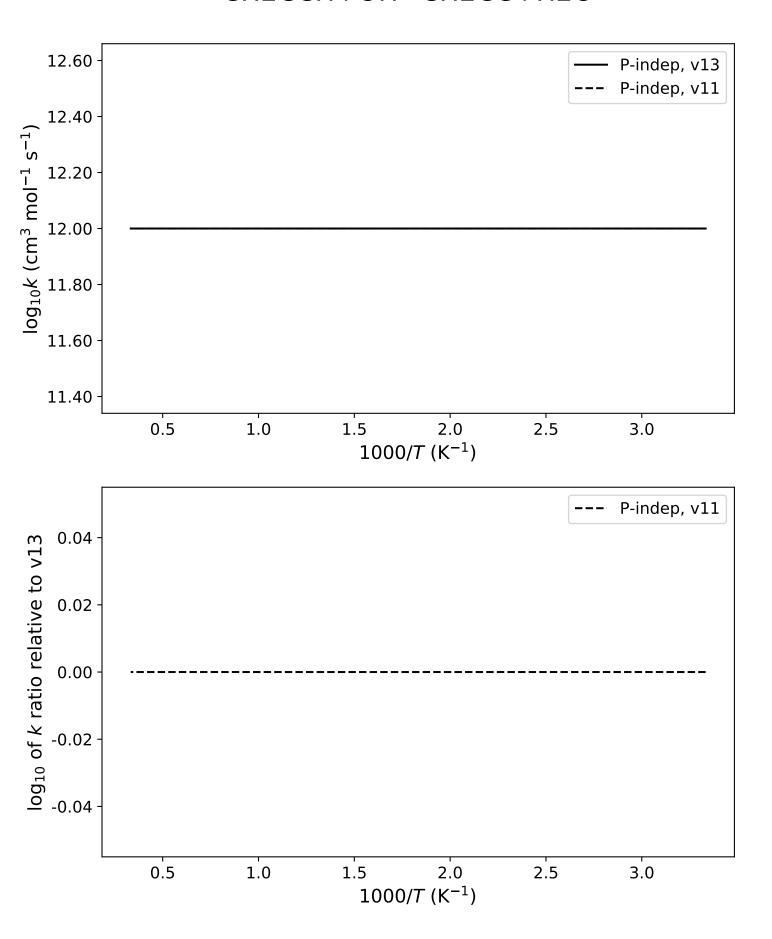
### C2H3+C2H=C2H2+C2H2



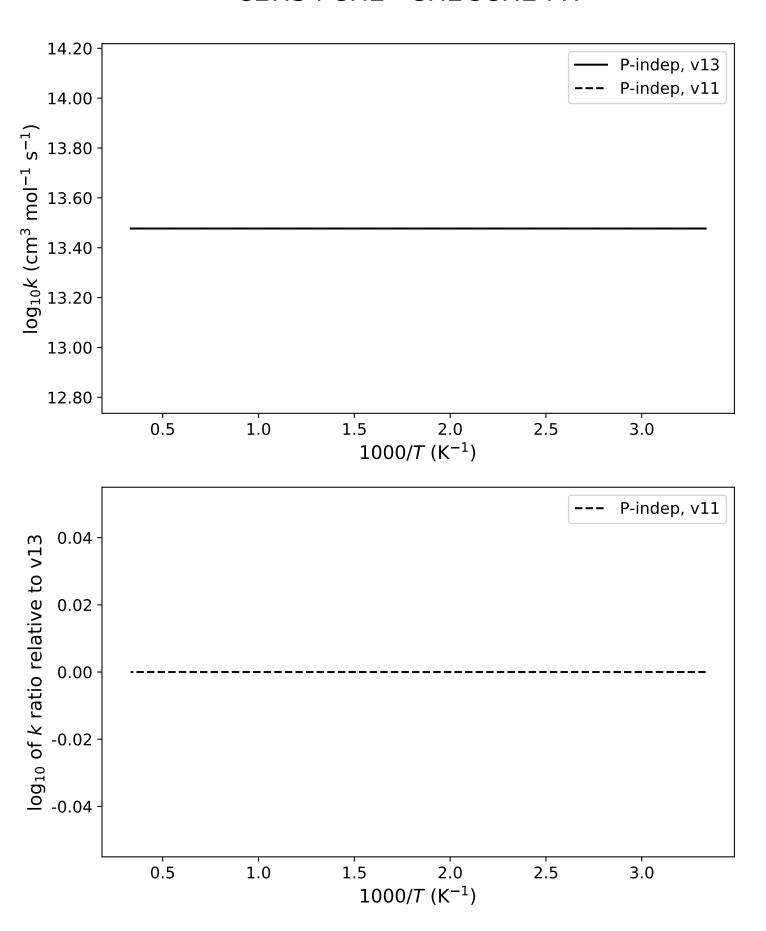
#### OH+C2H2=CH2CO+H



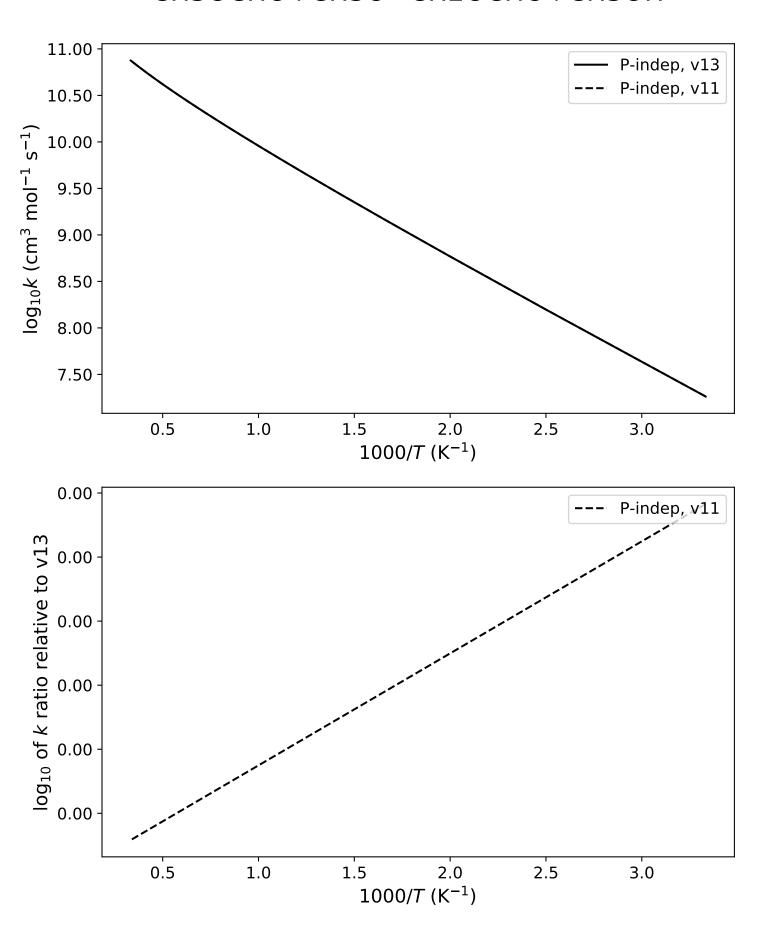
### CH2CCH+OH=CH2CC+H2O



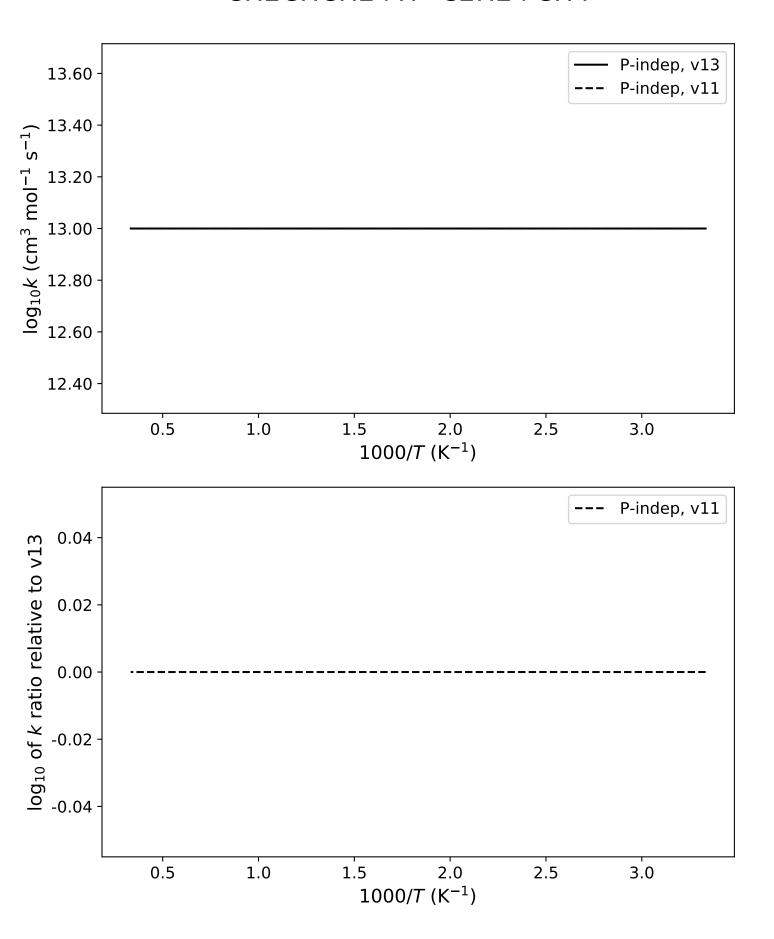
### C2H3+CH2=CH2CCH2+H



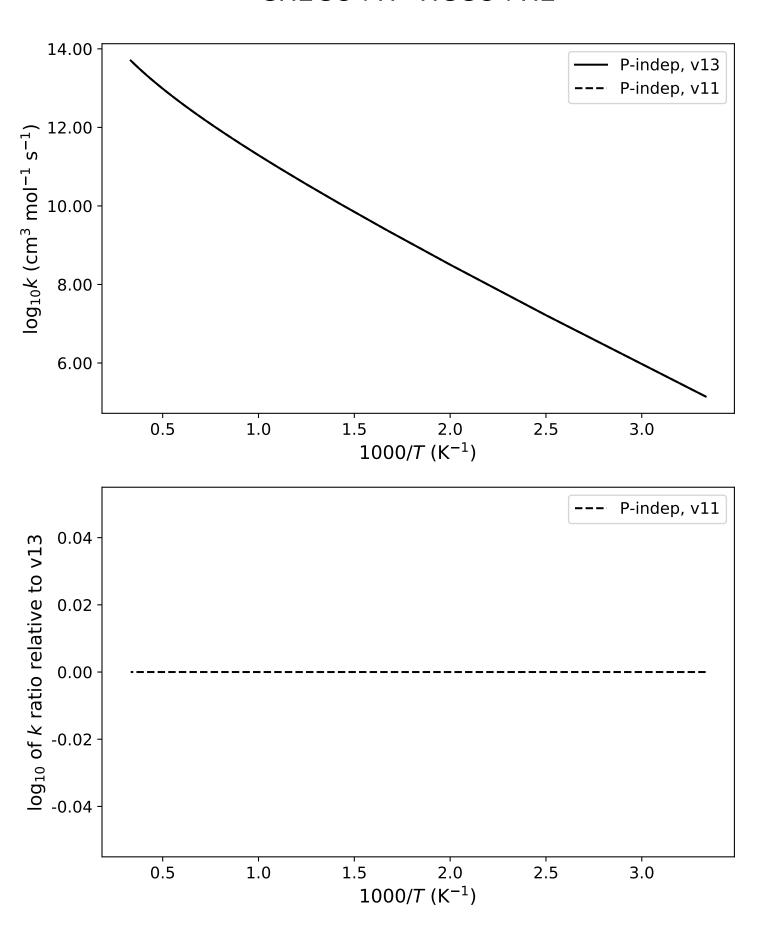
## CH3OCHO+CH3O=CH2OCHO+CH3OH



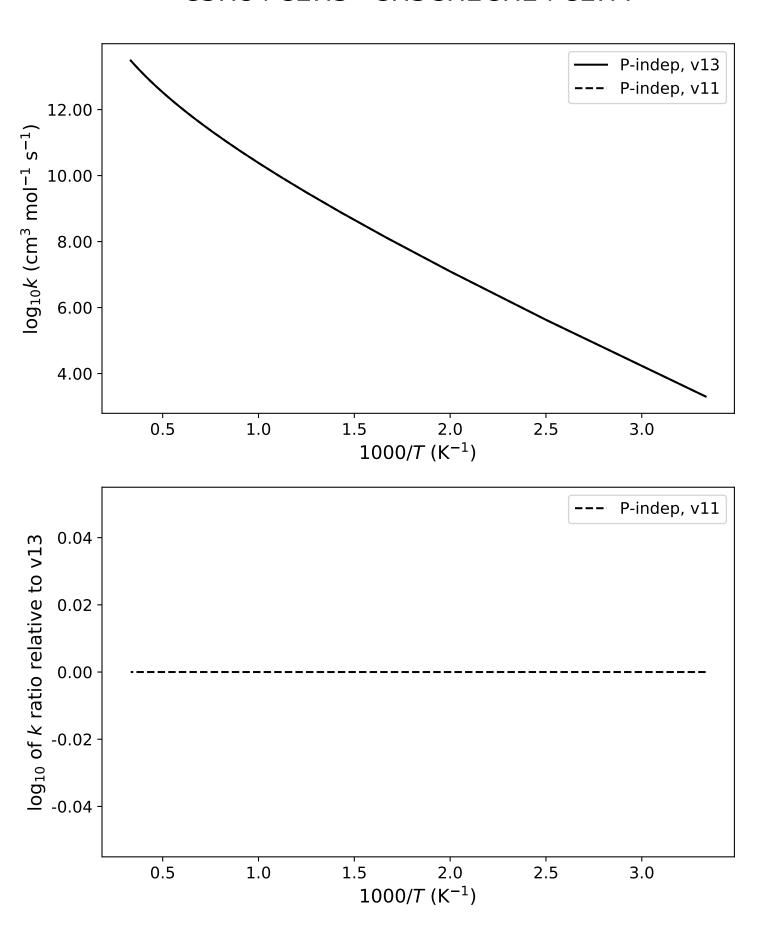
### CH2CHCH2+H=C2H2+CH4



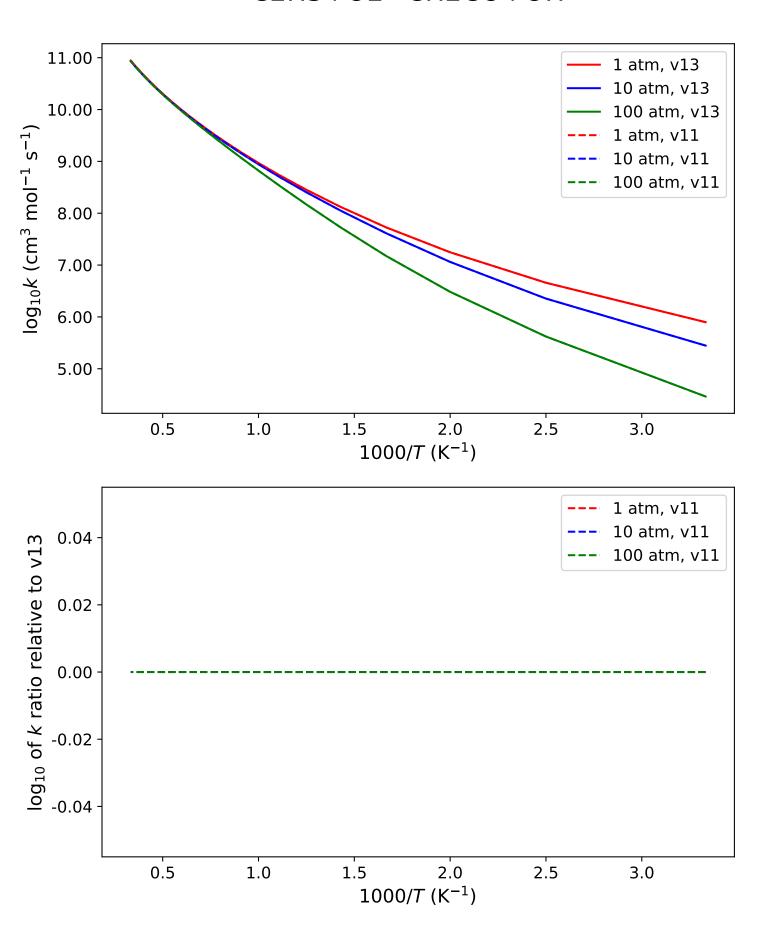
## CH2CO+H=HCCO+H2



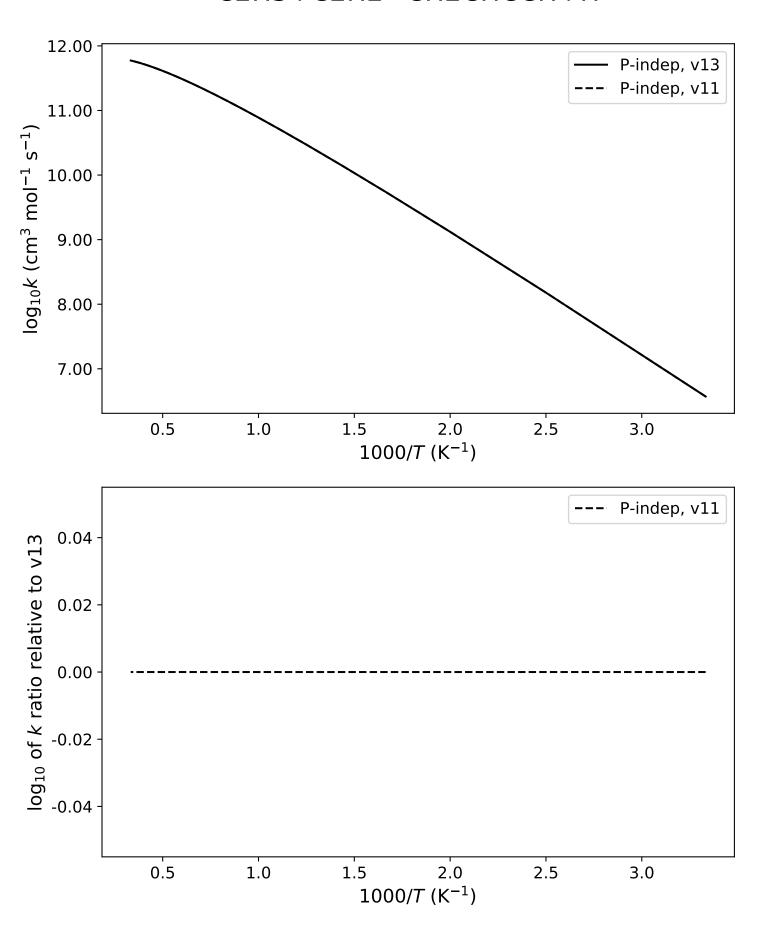
### C3H8+C2H3=CH3CH2CH2+C2H4



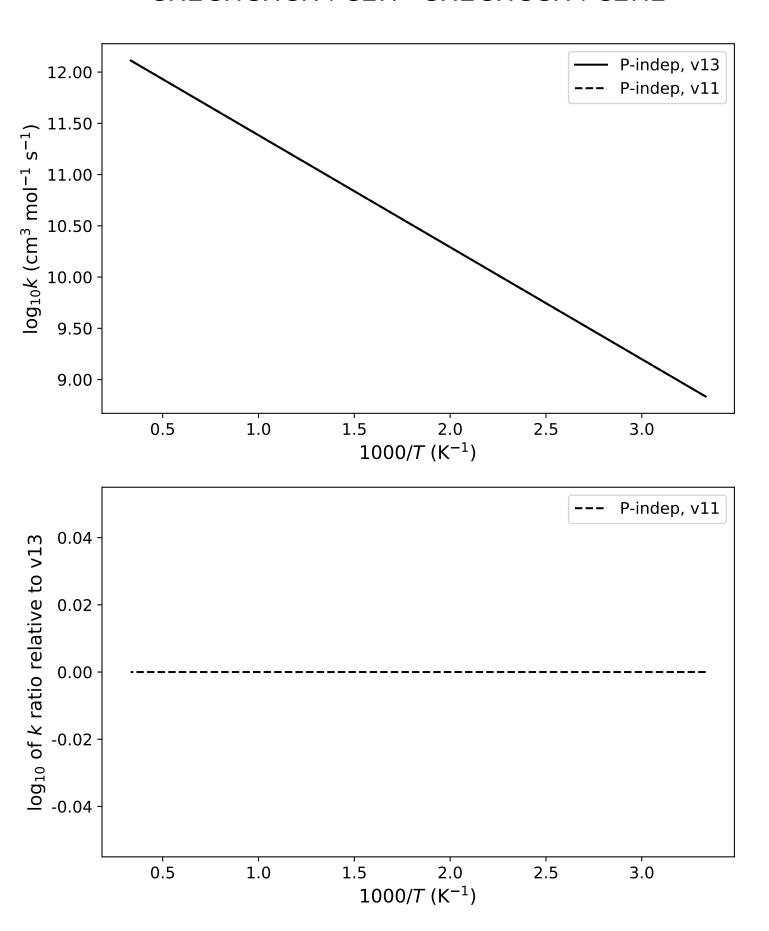
# C2H3+O2=CH2CO+OH



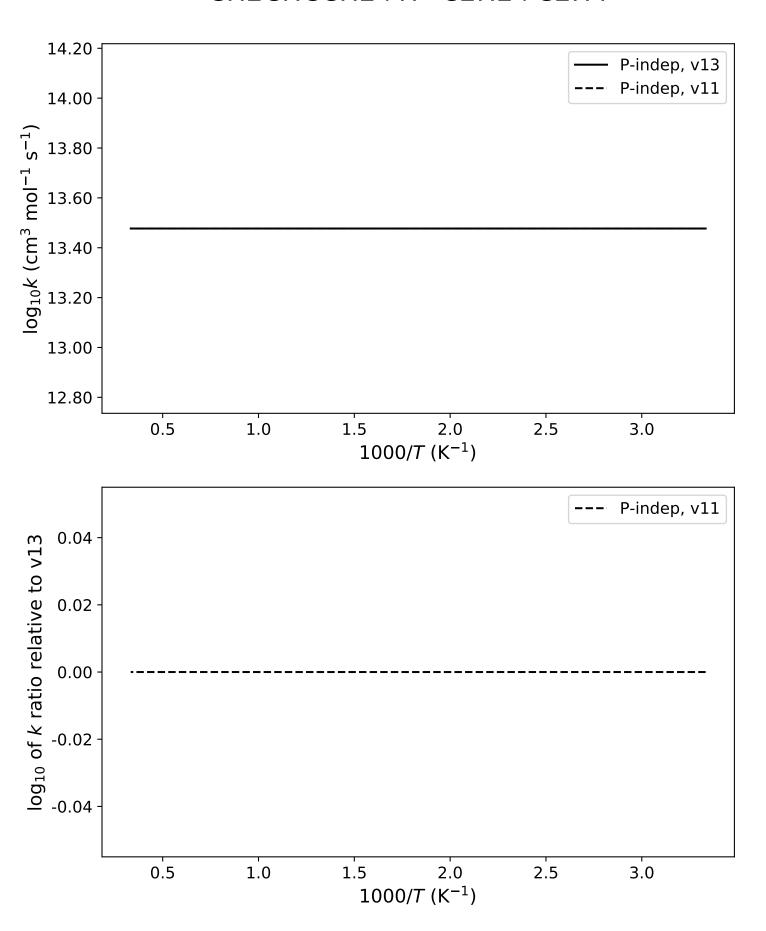
## C2H3+C2H2=CH2CHCCH+H



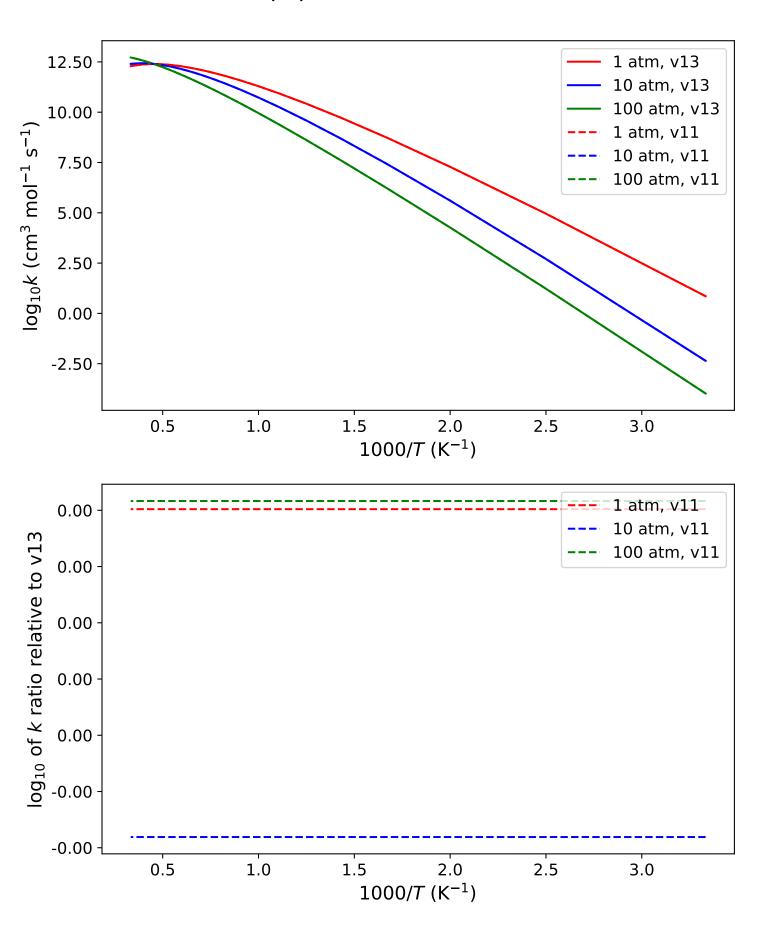
## CH2CHCHCH+C2H=CH2CHCCH+C2H2



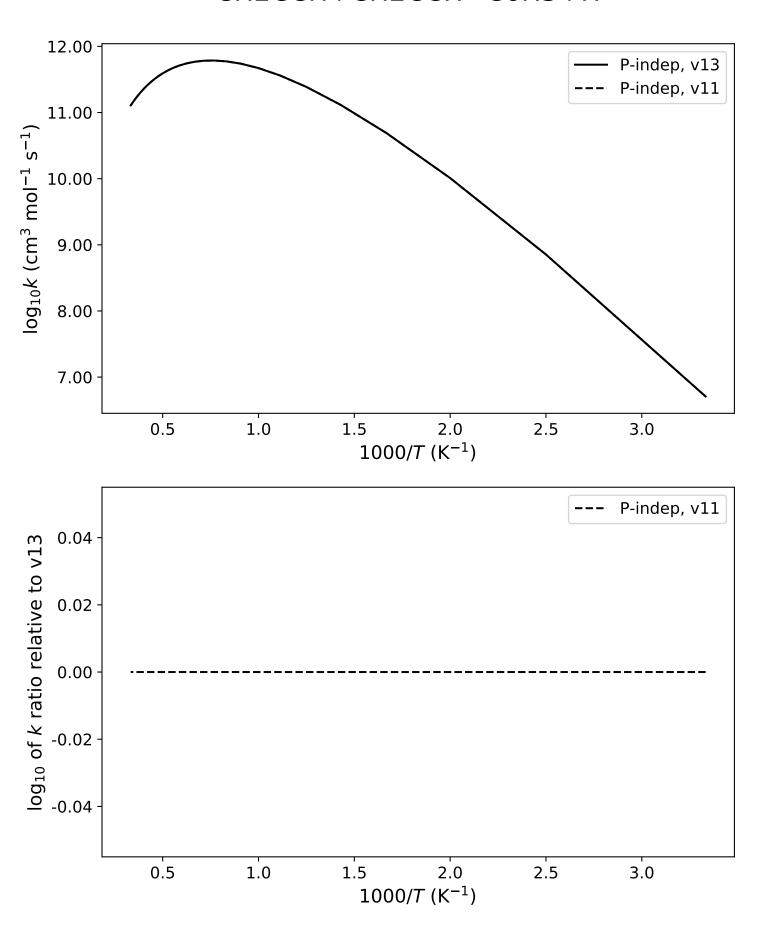
## CH2CHCCH2+H=C2H2+C2H4



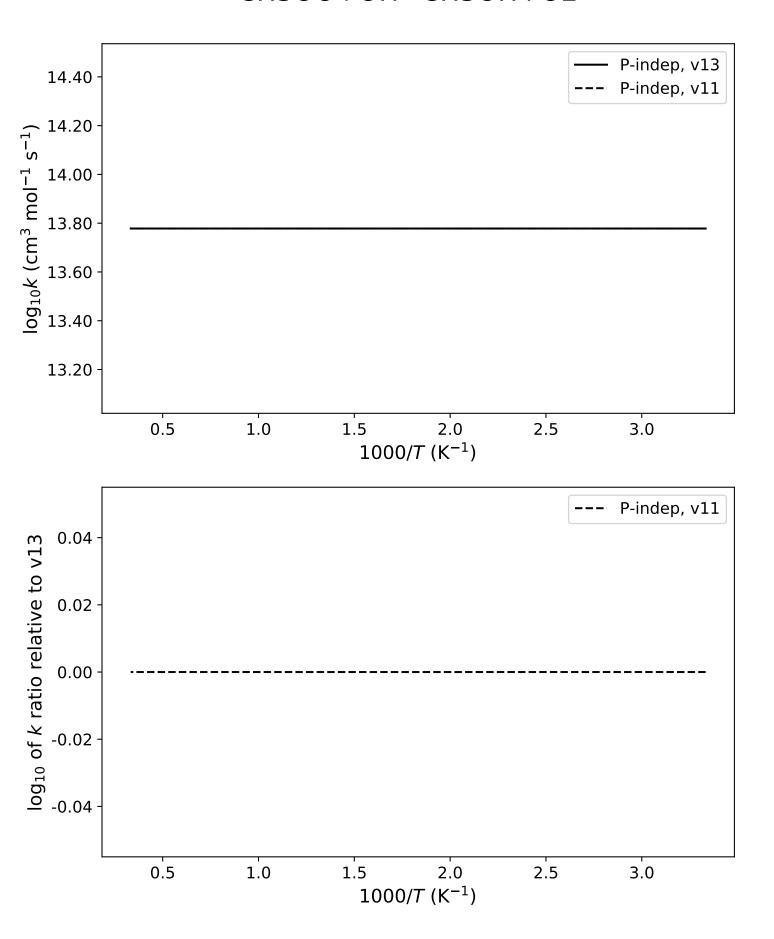
## CH3C(O)O+CH3=CH3OCO+CH3



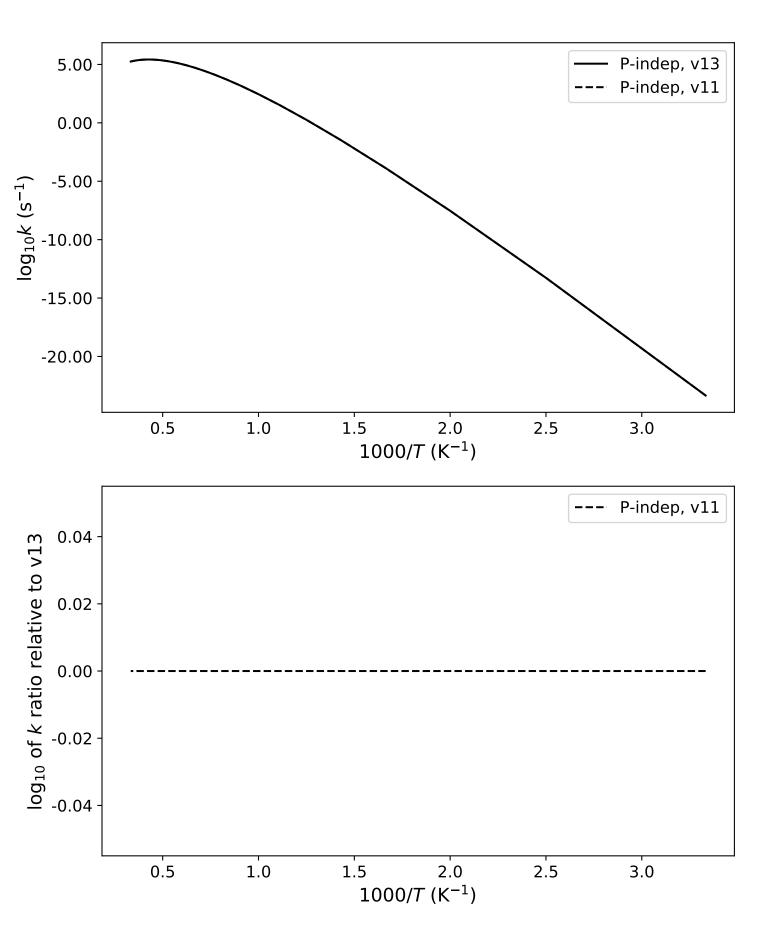
## CH2CCH+CH2CCH=C6H5+H



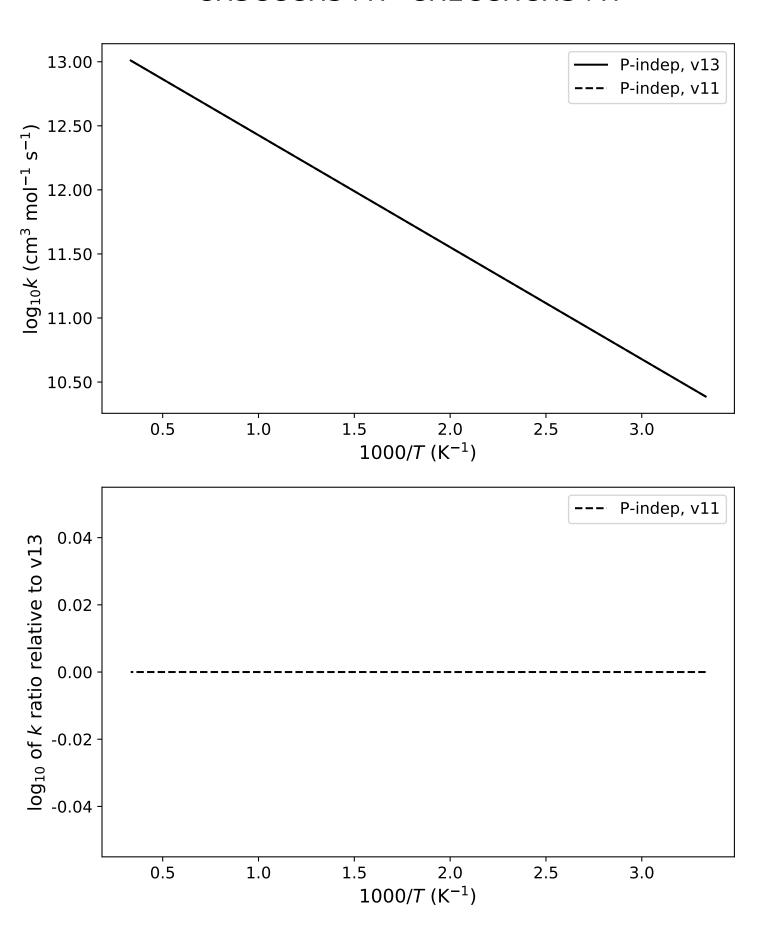
## CH3OO+OH=CH3OH+O2



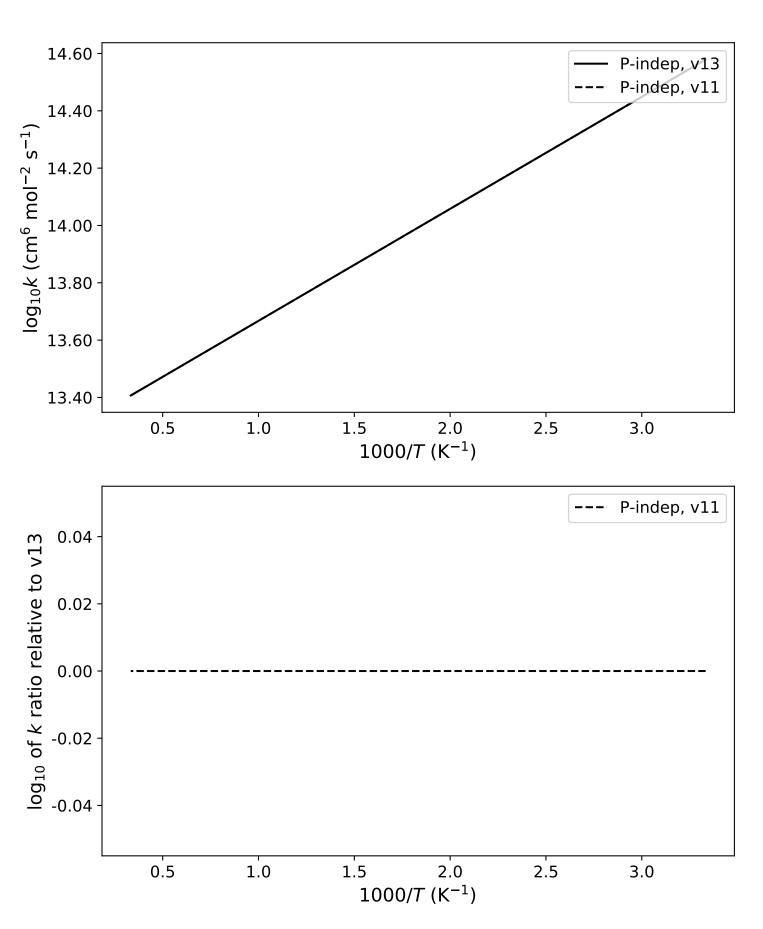
## CH2CHCCH2=CH2CHCCH+H



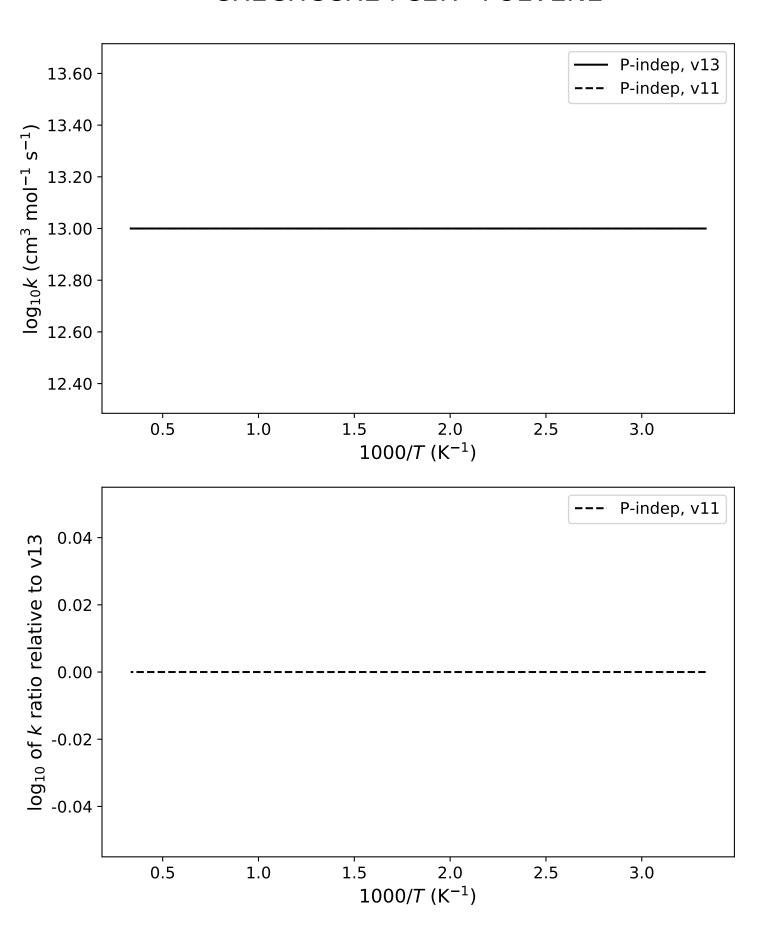
## CH3CCCH3+H=CH2CCHCH3+H



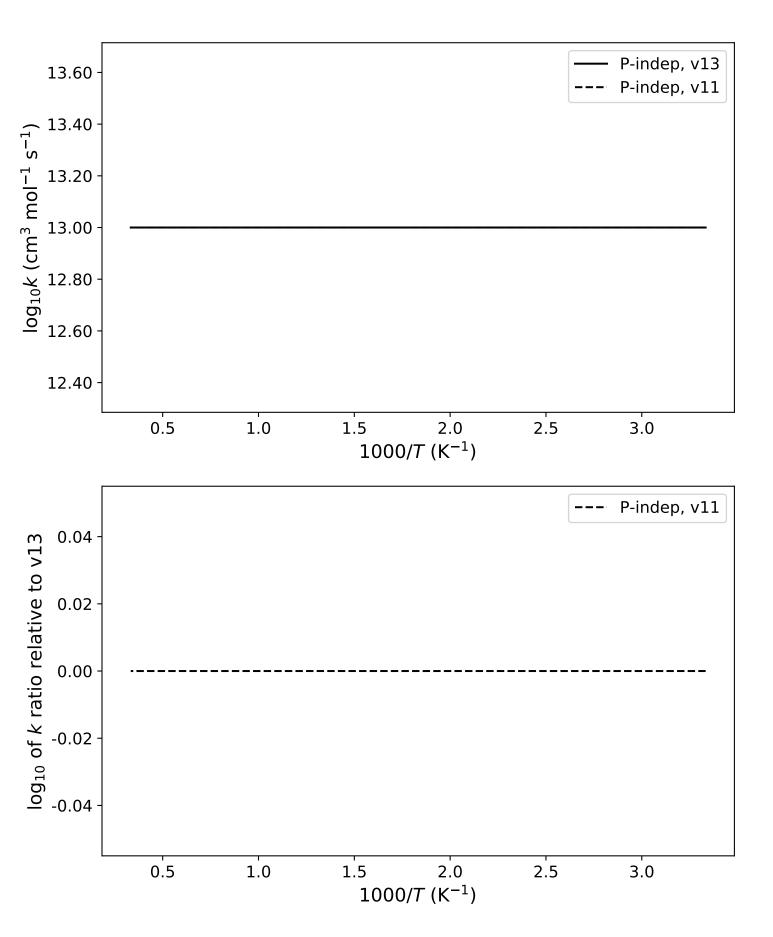
## O + O + M = O2 + M



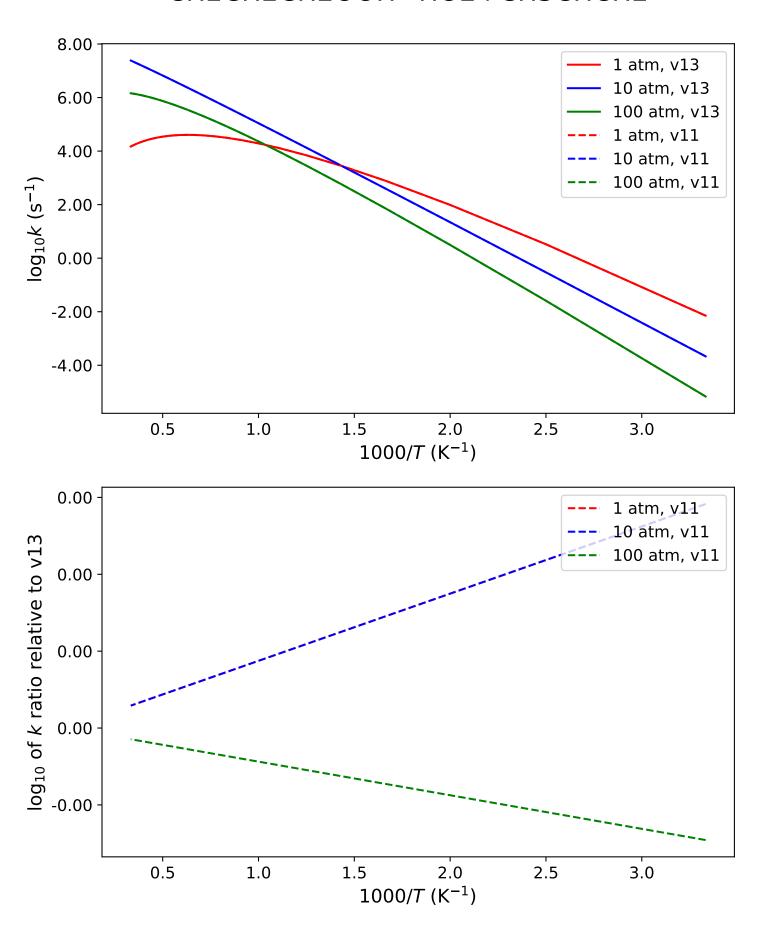
## CH2CHCCH2+C2H=FULVENE



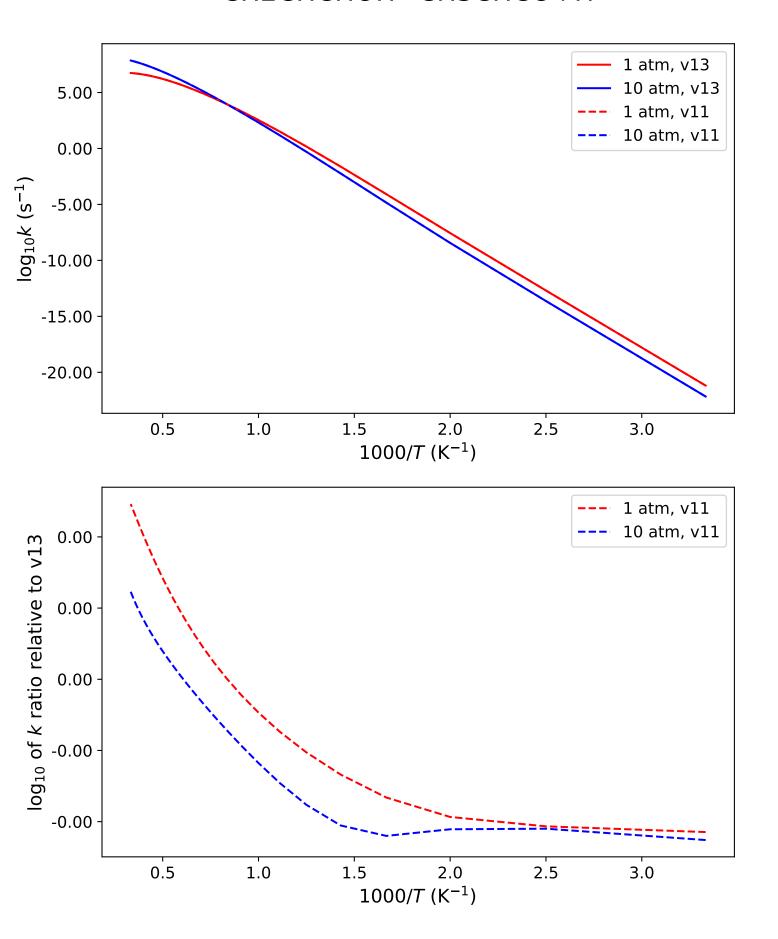
## CH2CC+O2=CO2+C2H2



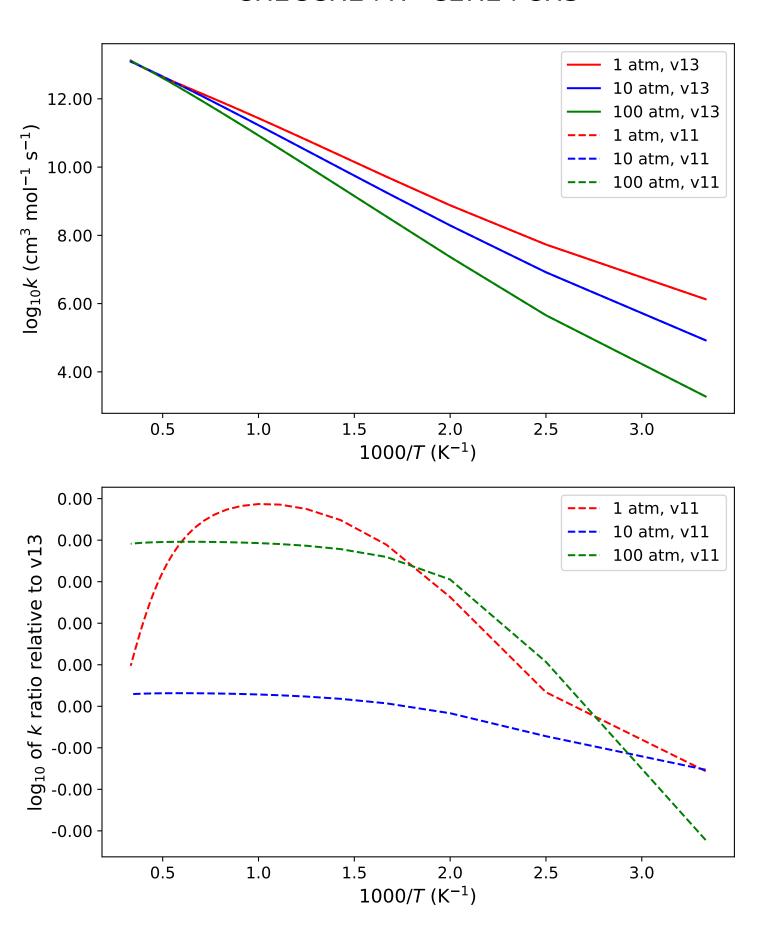
## CH2CH2CH2OOH=HO2+CH3CHCH2



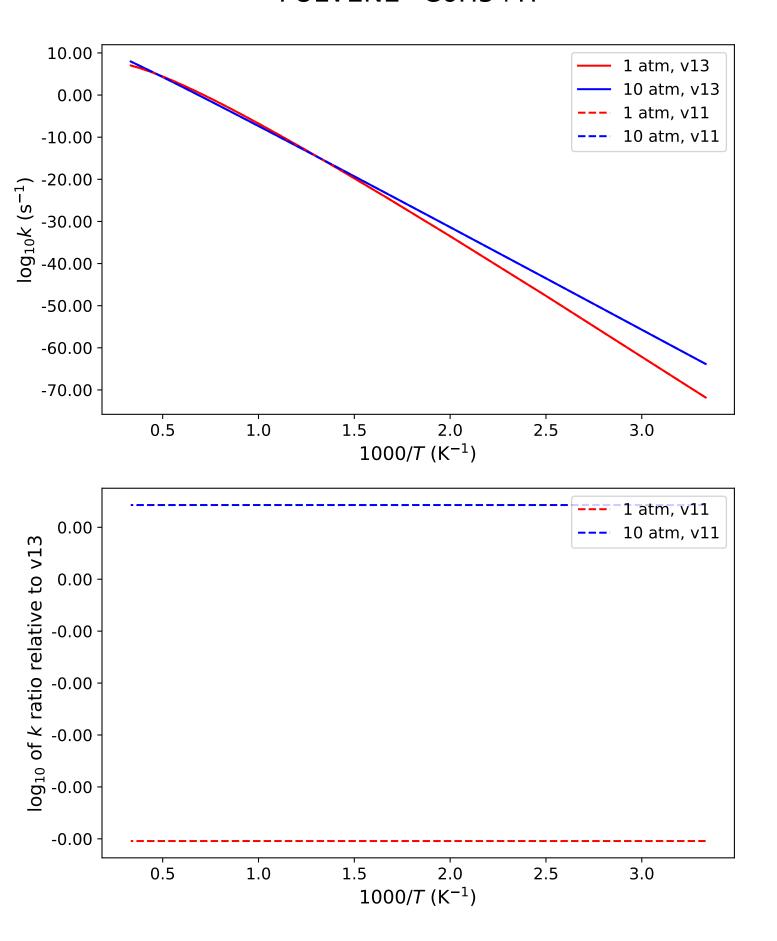
## CH2CHCHOH=CH3CHCO+H



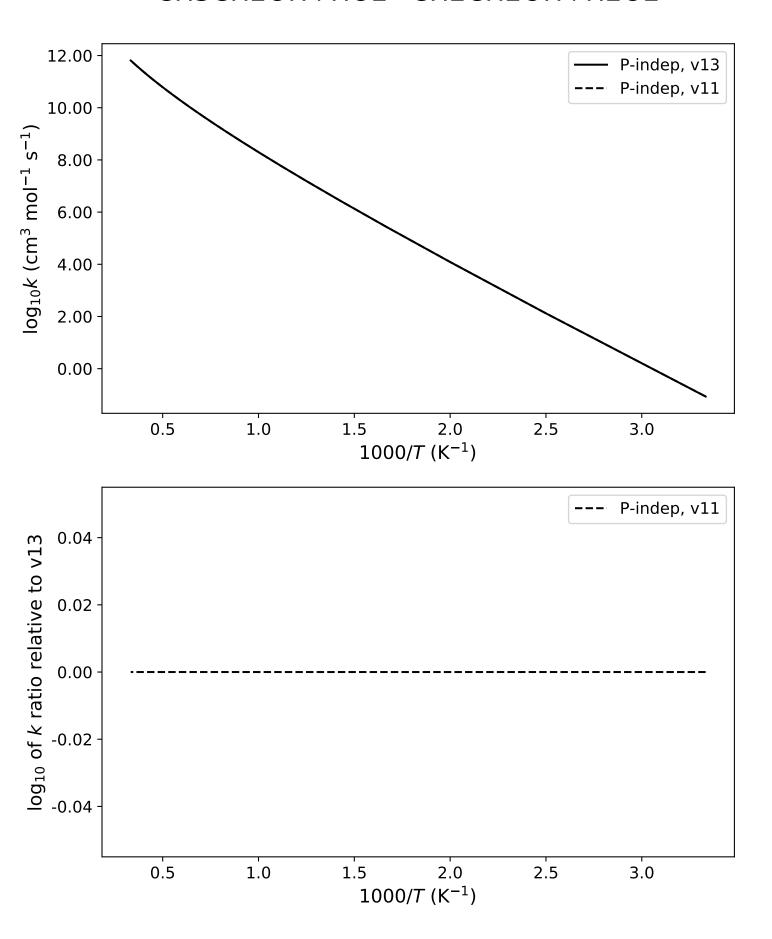
## CH2CCH2+H=C2H2+CH3



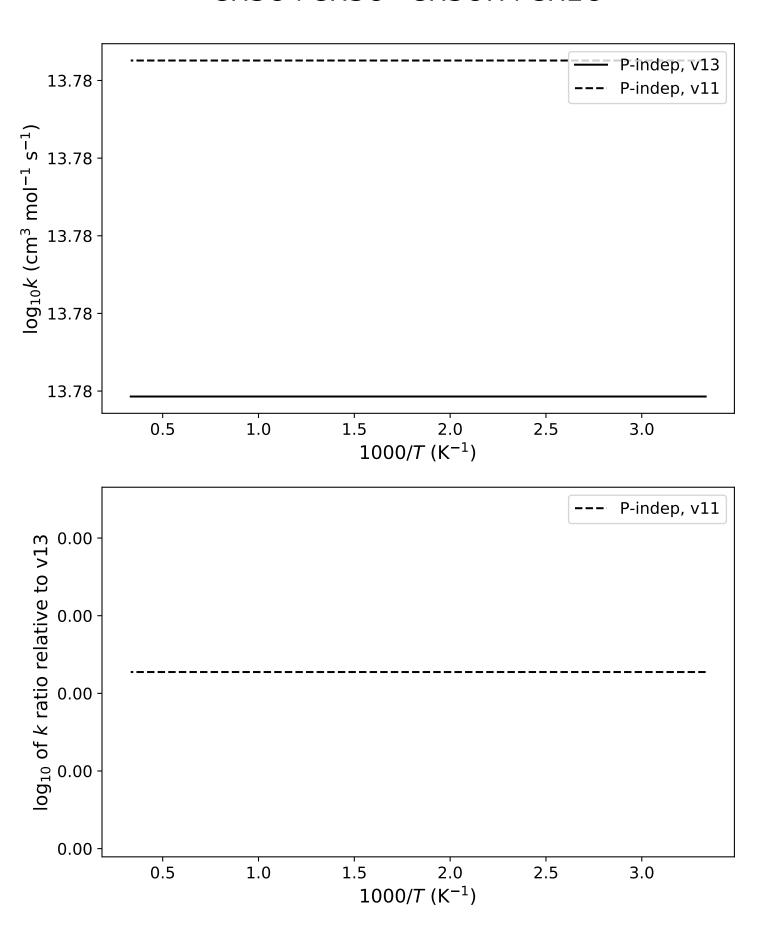
#### FULVENE=C6H5+H



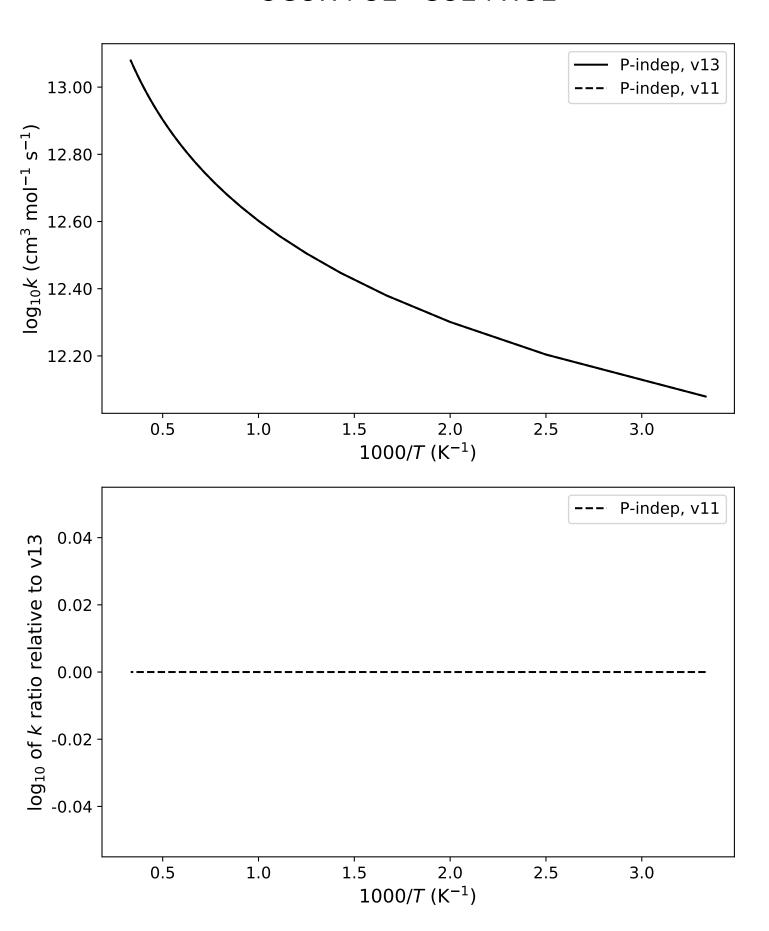
## CH3CH2OH+H02=CH2CH2OH+H2O2



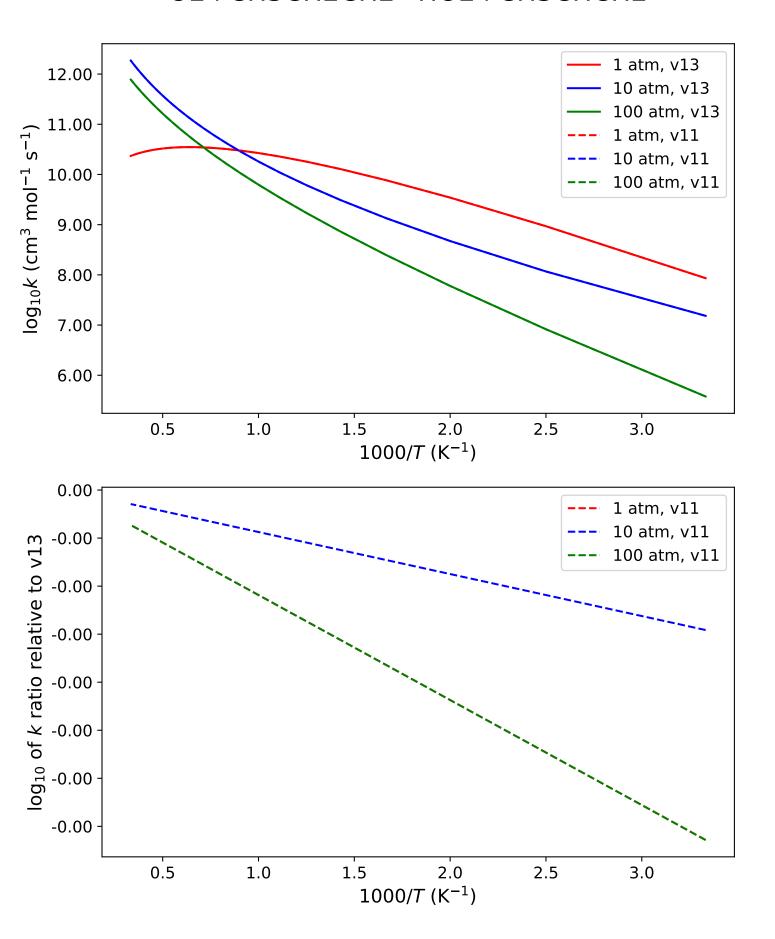
## CH3O+CH3O=CH3OH+CH2O



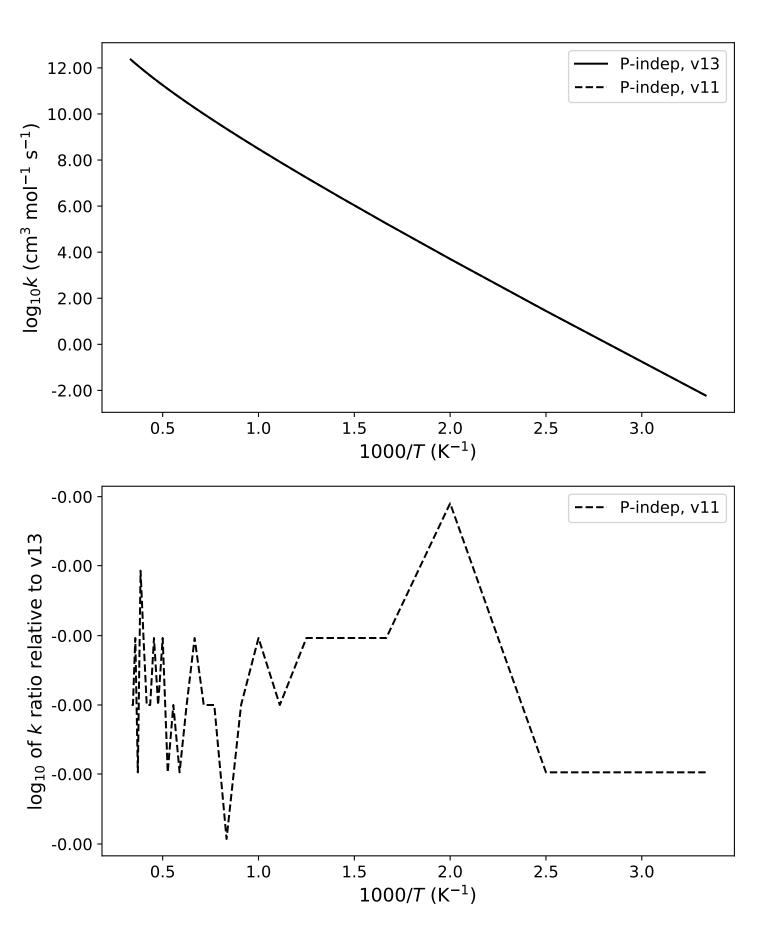
## OCOH+O2=CO2+HO2



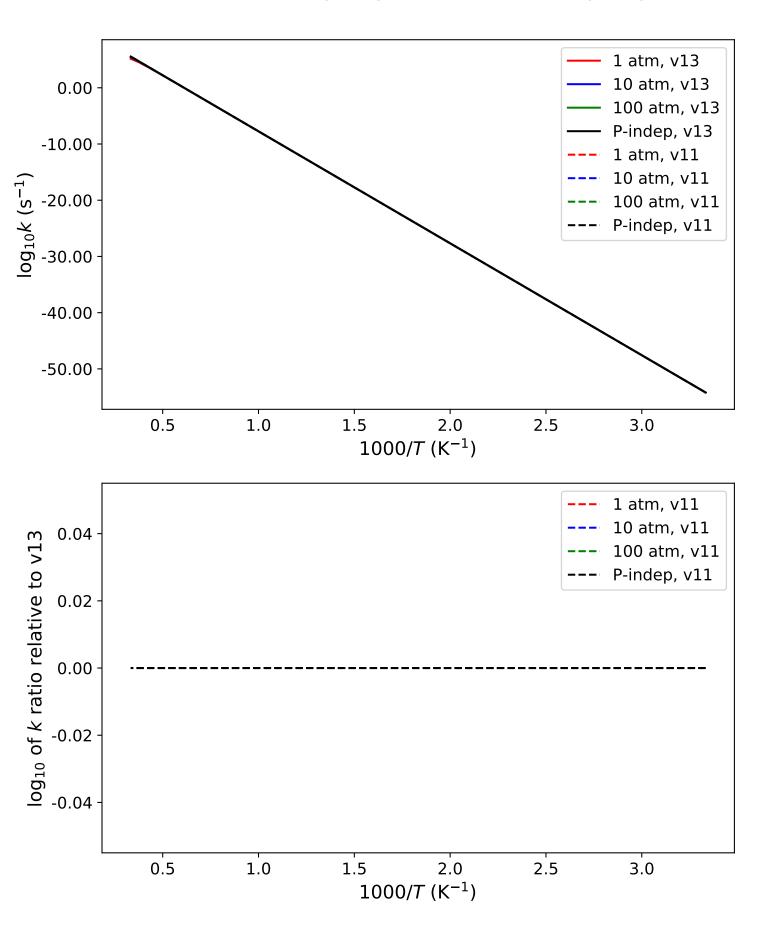
#### O2+CH3CH2CH2=HO2+CH3CHCH2



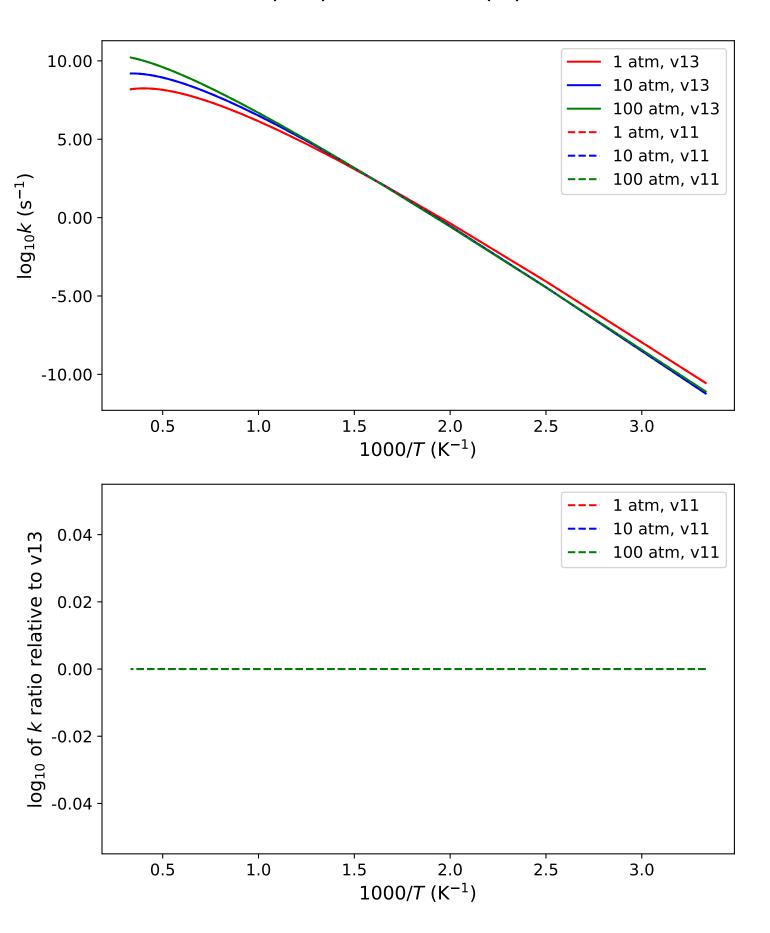
## CH3OCHO+HCO=CH2OCHO+CH2O



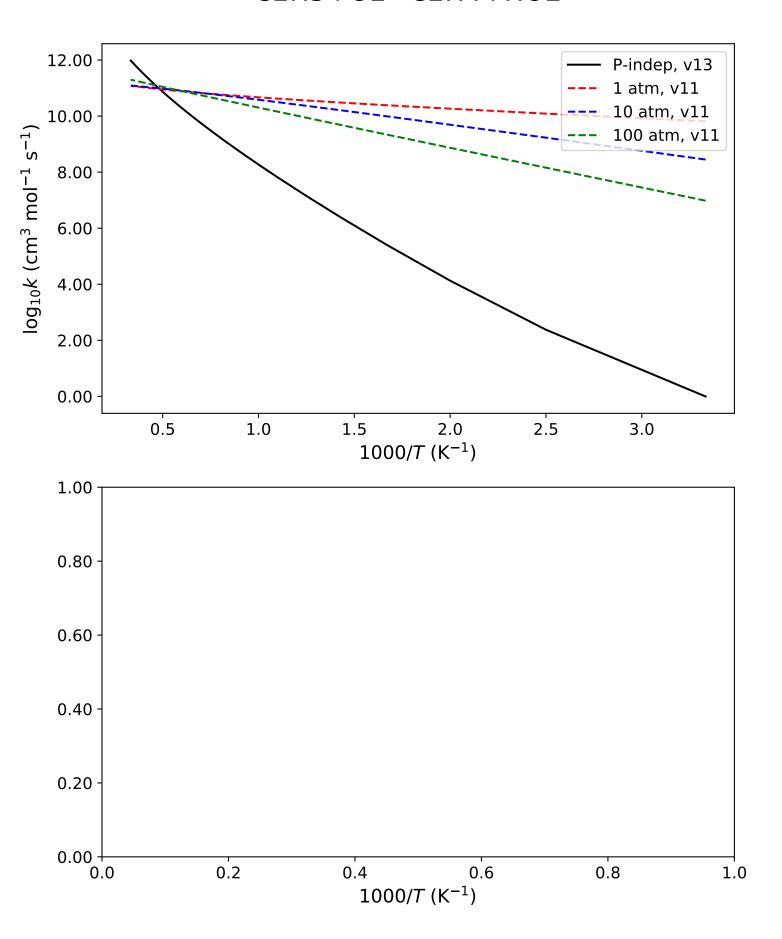
## CH3CH2OH(+M)=CH3CHO+H2(+M)



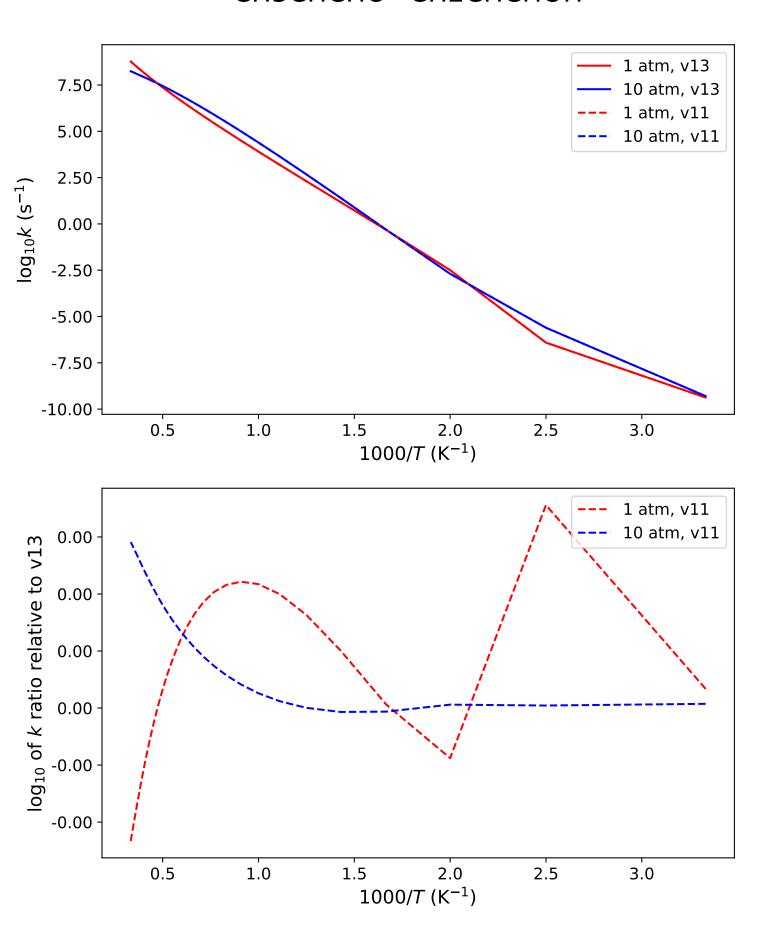
# CH3C(OH)CH3=CH3C(O)CH3+H



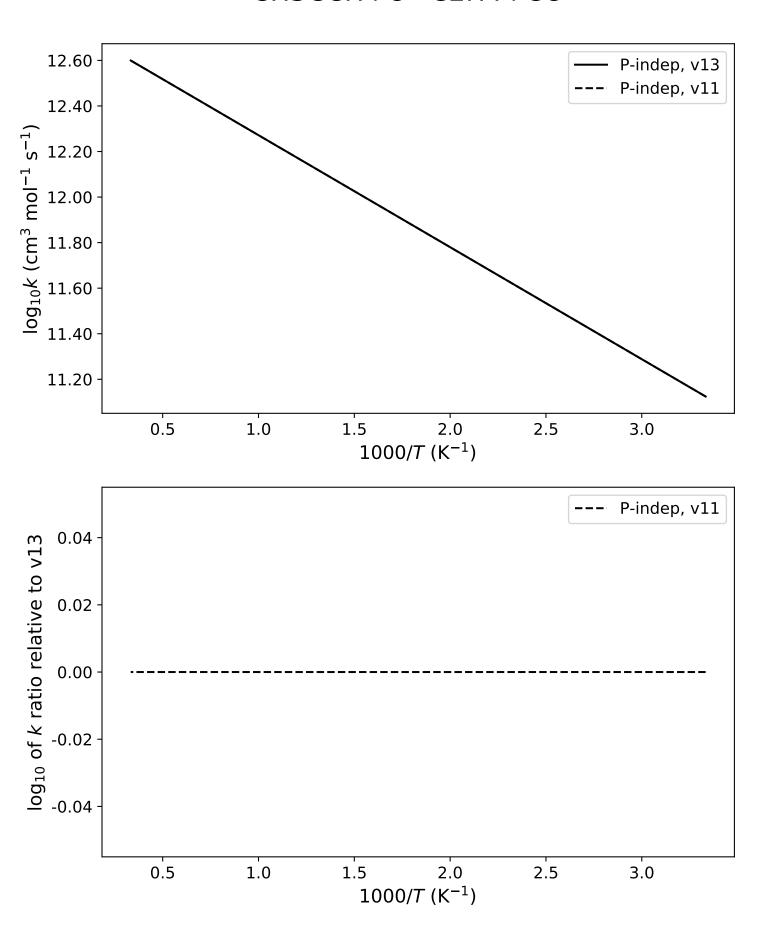
# C2H5+O2=C2H4+HO2



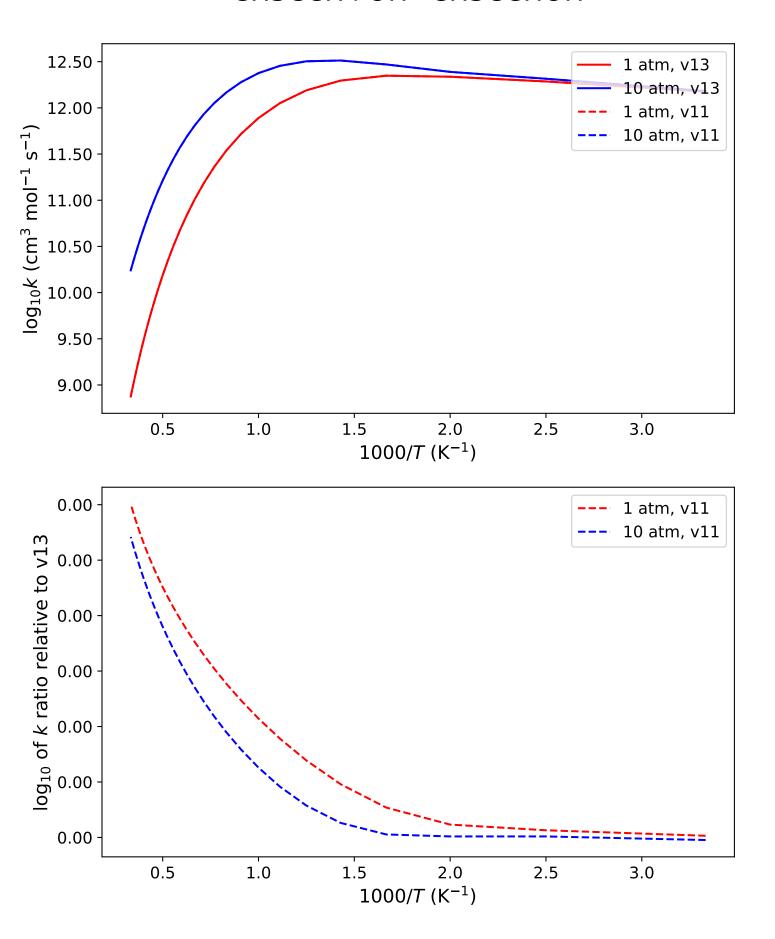
## CH3CHCHO=CH2CHCHOH



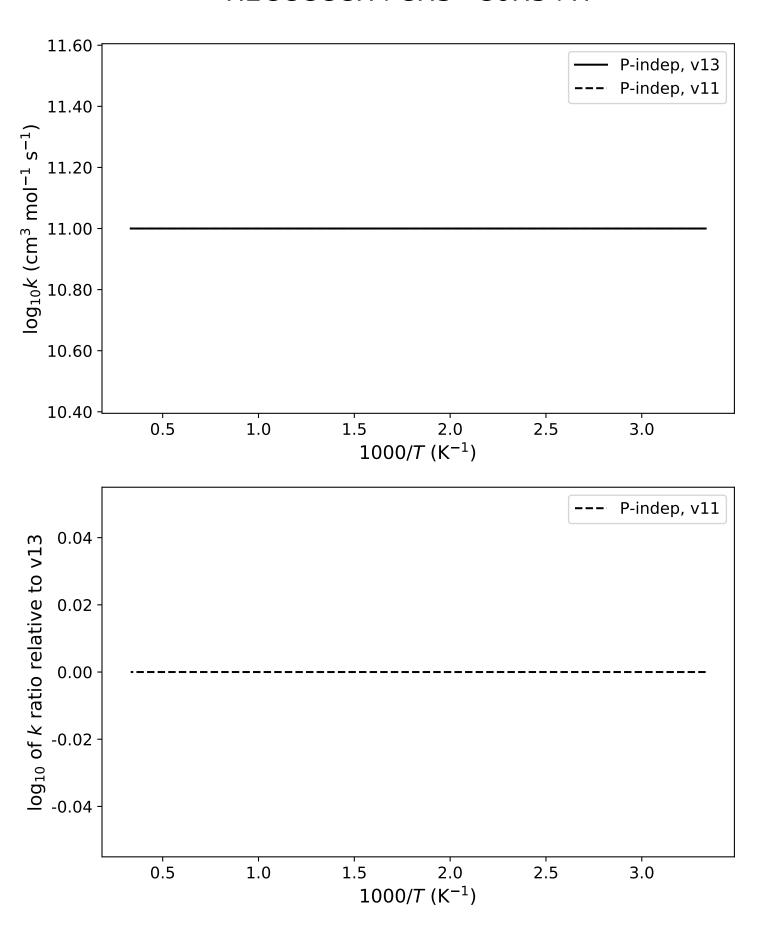
## CH3CCH+O=C2H4+CO



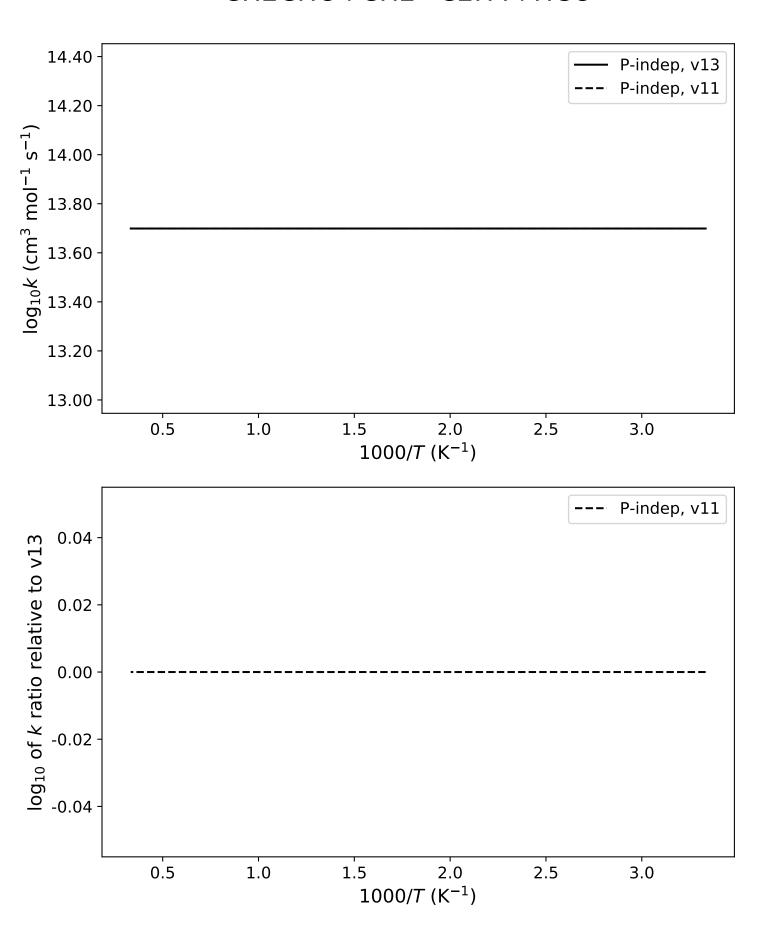
## CH3CCH+OH=CH3CCHOH



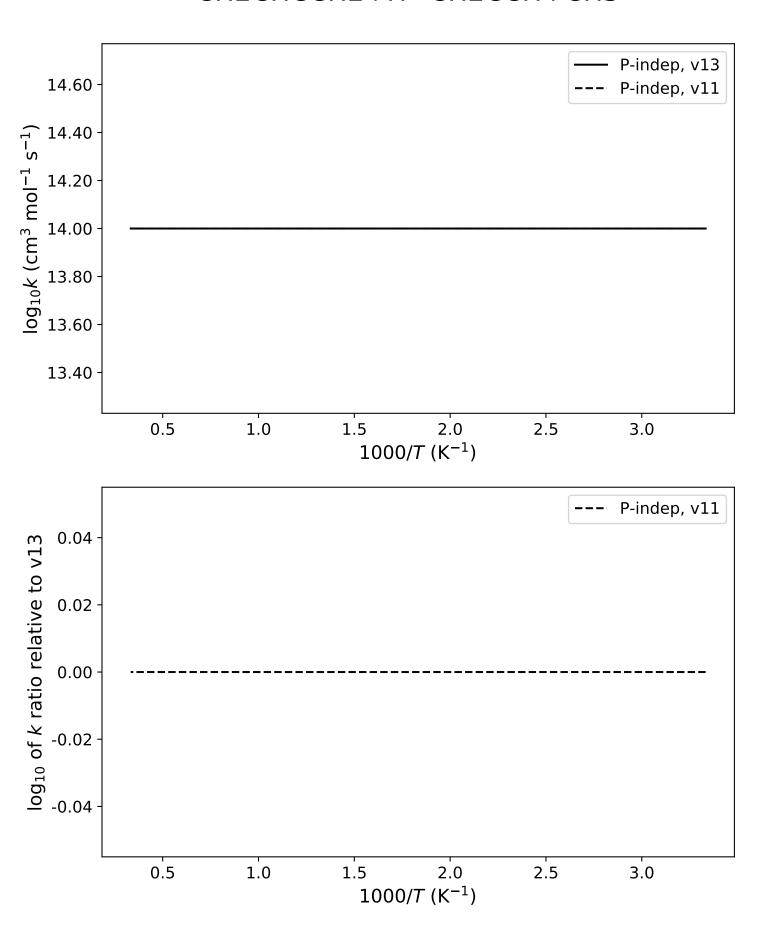
## H2CCCCCH+CH3=C6H5+H



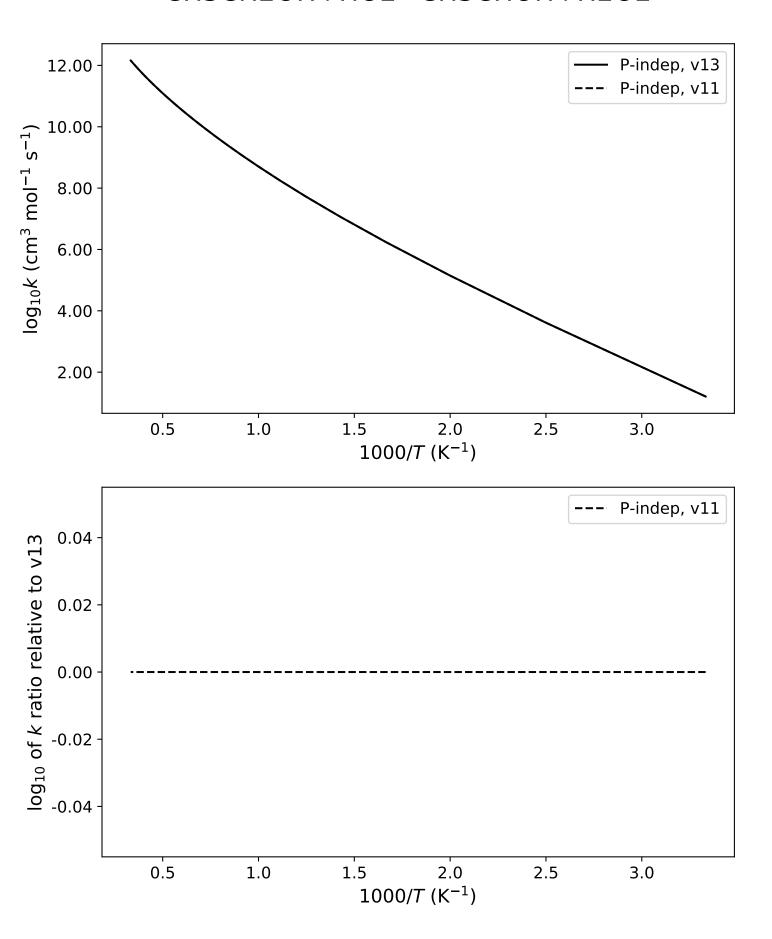
## CH2CHO+CH2=C2H4+HCO



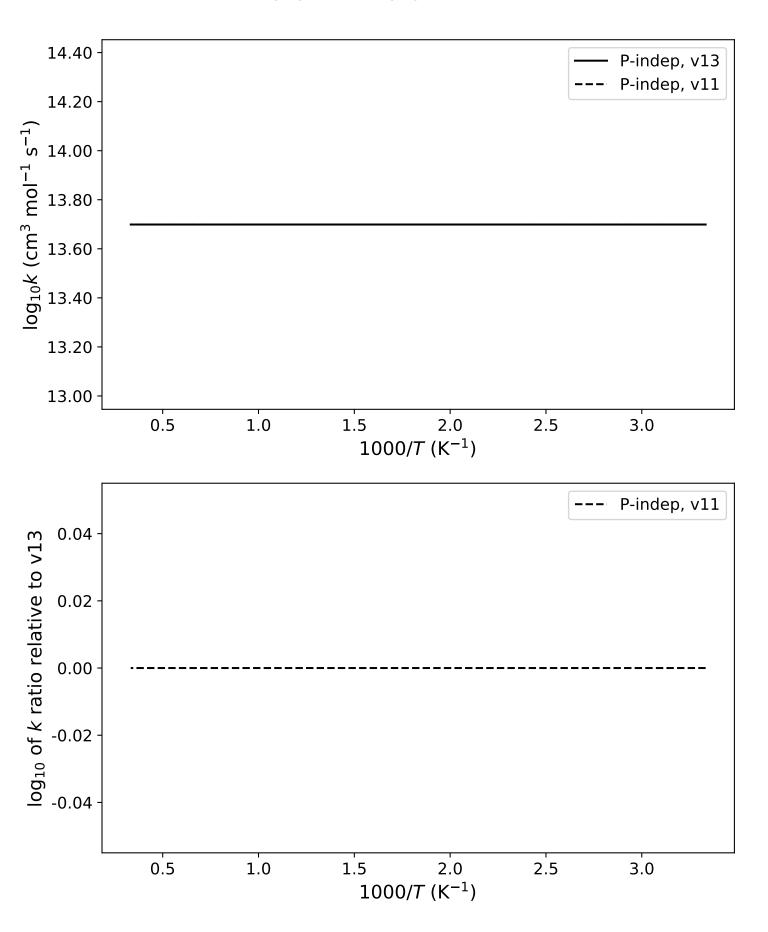
## CH2CHCCH2+H=CH2CCH+CH3



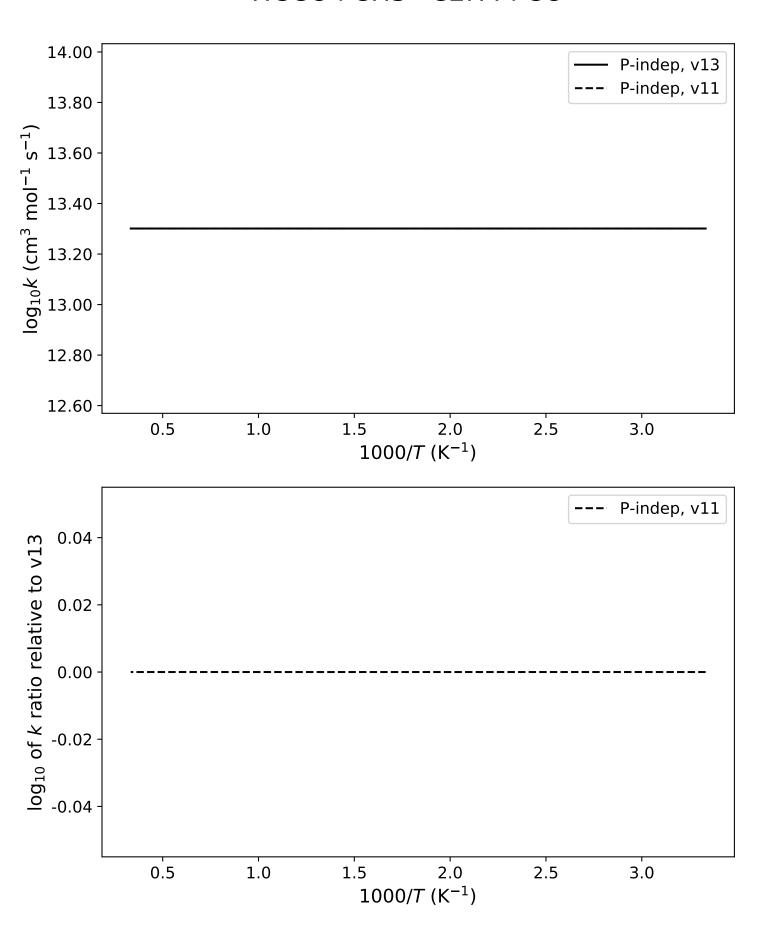
## CH3CH2OH+HO2=CH3CHOH+H2O2



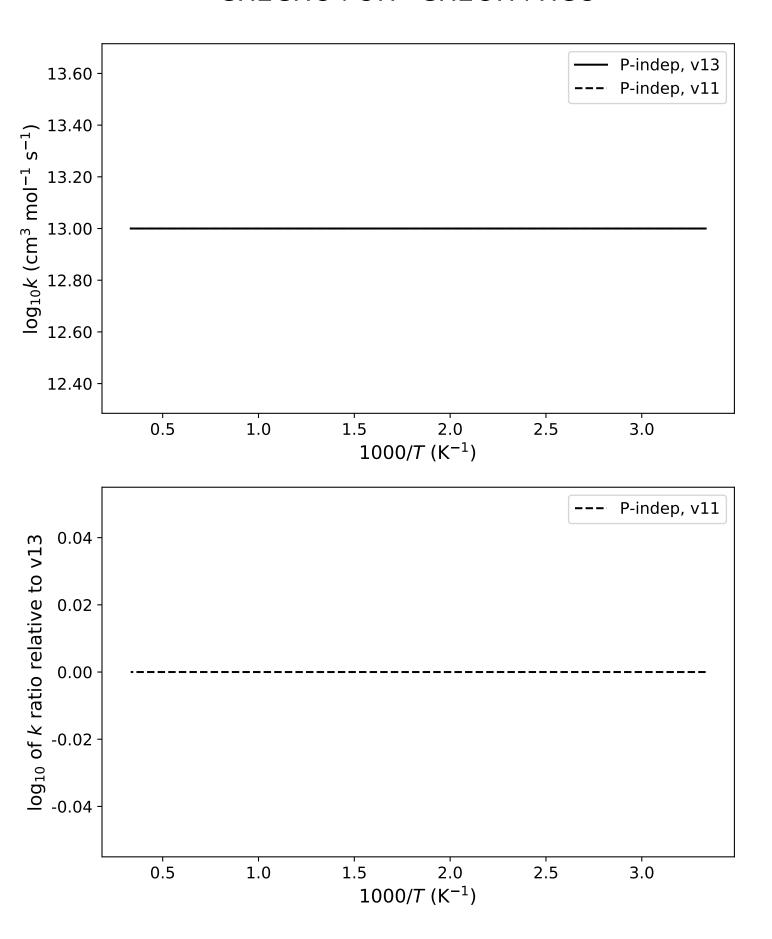
# CH2(S)+CH2(S)=C2H2+H+H



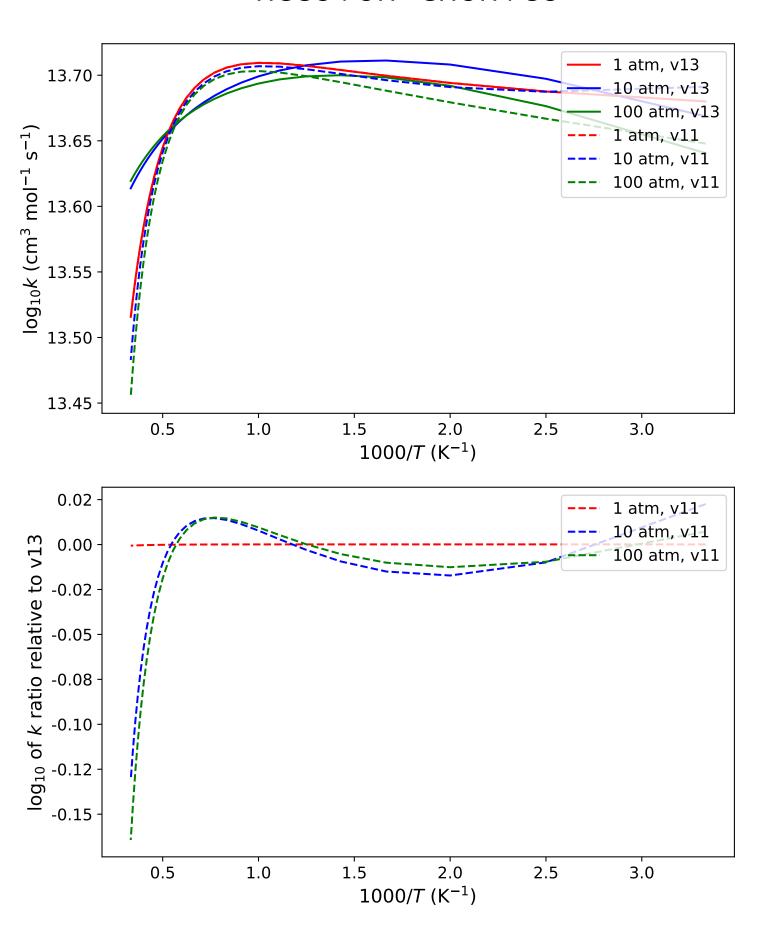
## HCCO+CH3=C2H4+CO



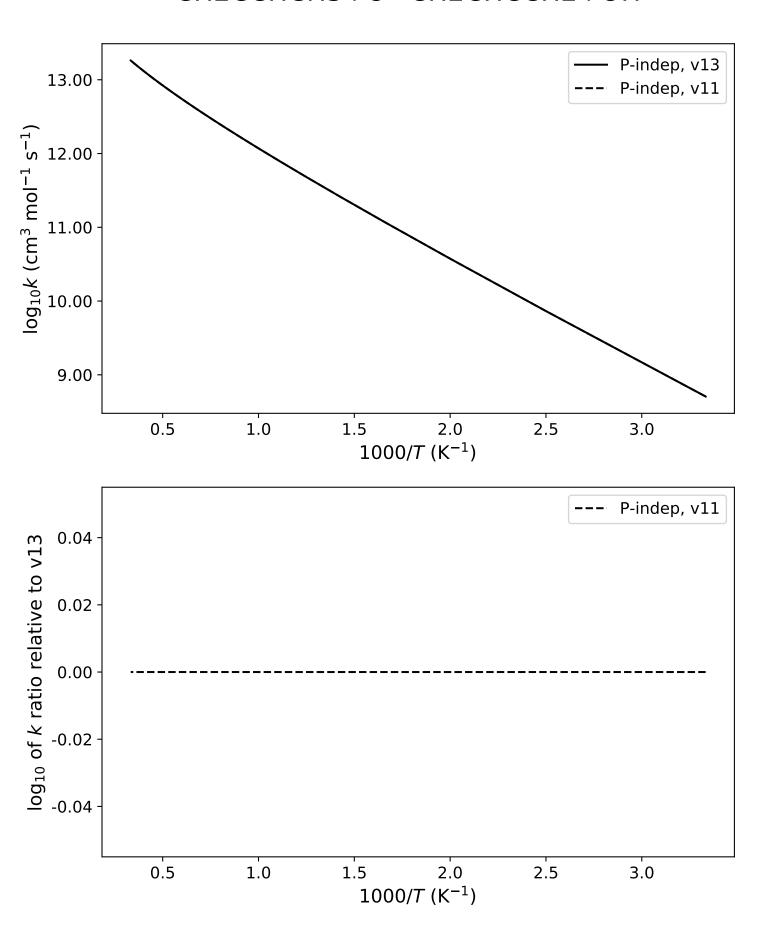
## CH2CHO+OH=CH2OH+HCO



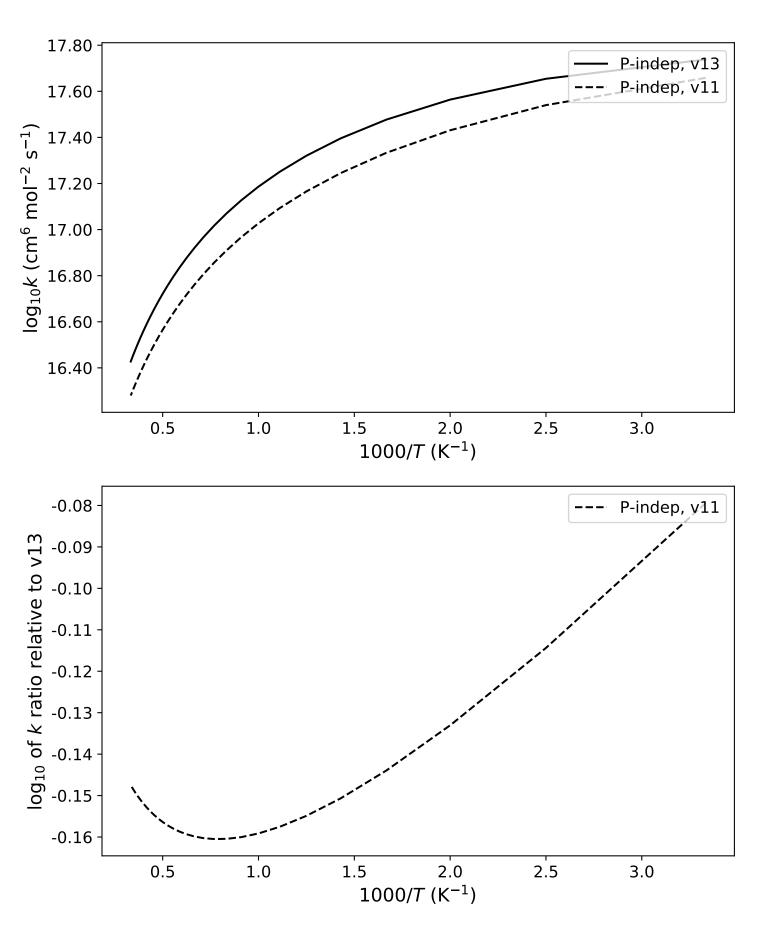
## HCCO+OH=CHOH+CO



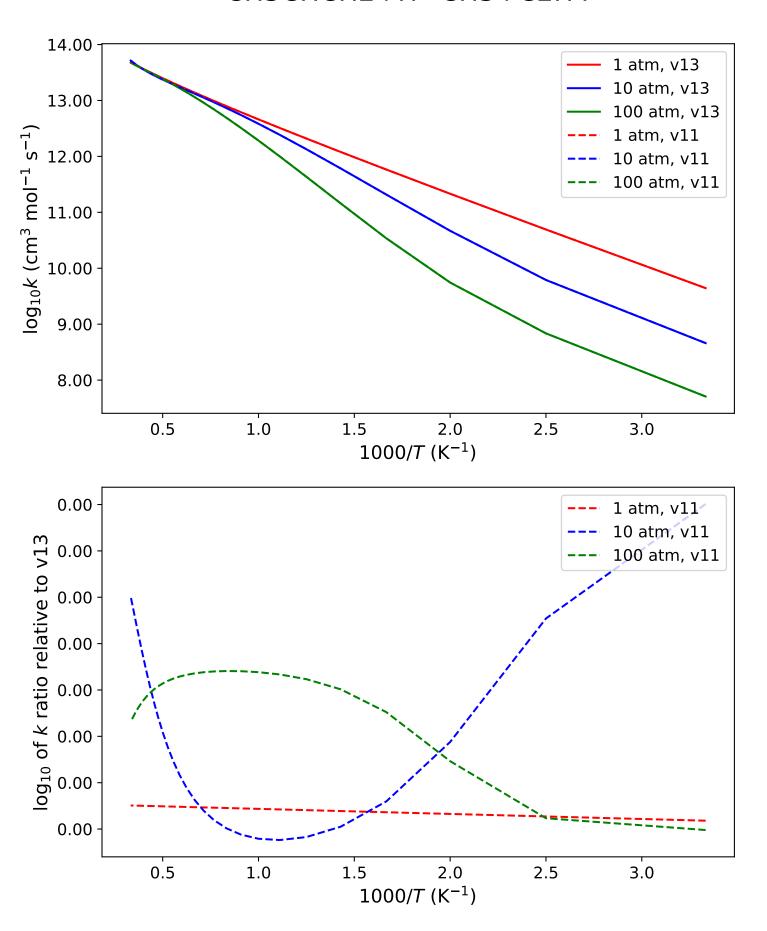
## CH2CCHCH3+O=CH2CHCCH2+OH



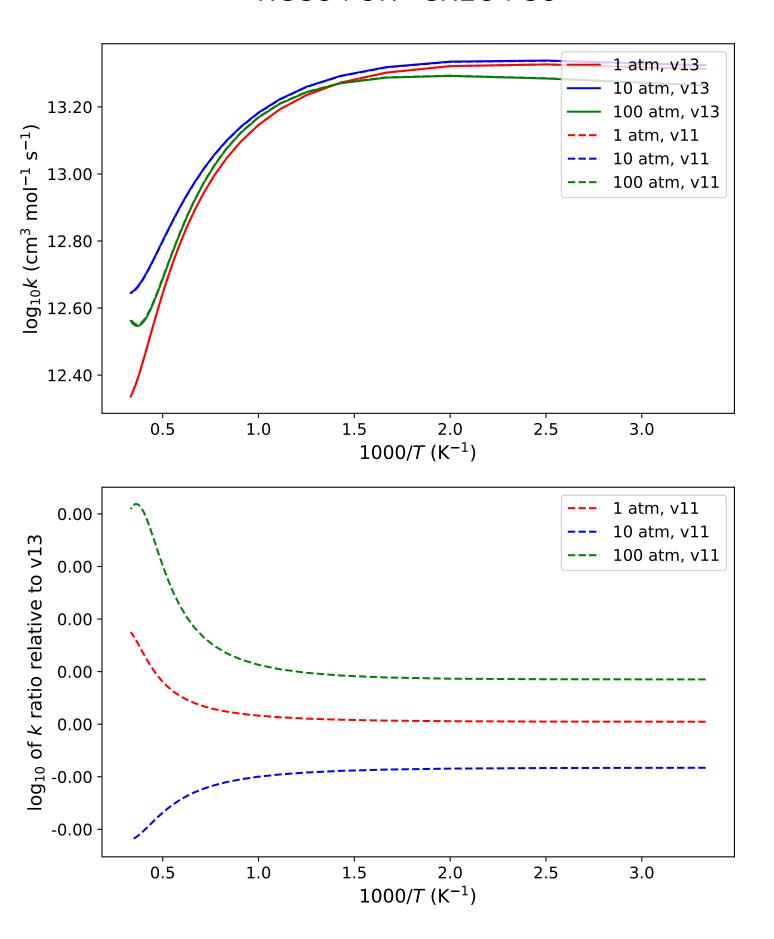
## H+O2+O=OH+O2



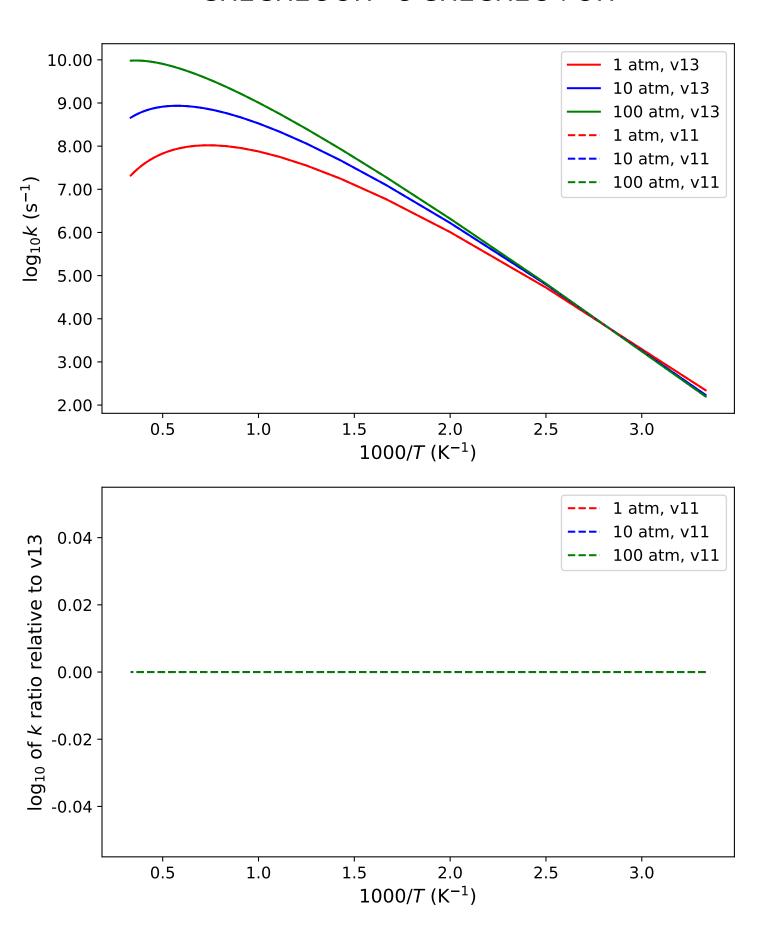
### CH3CHCH2+H=CH3+C2H4



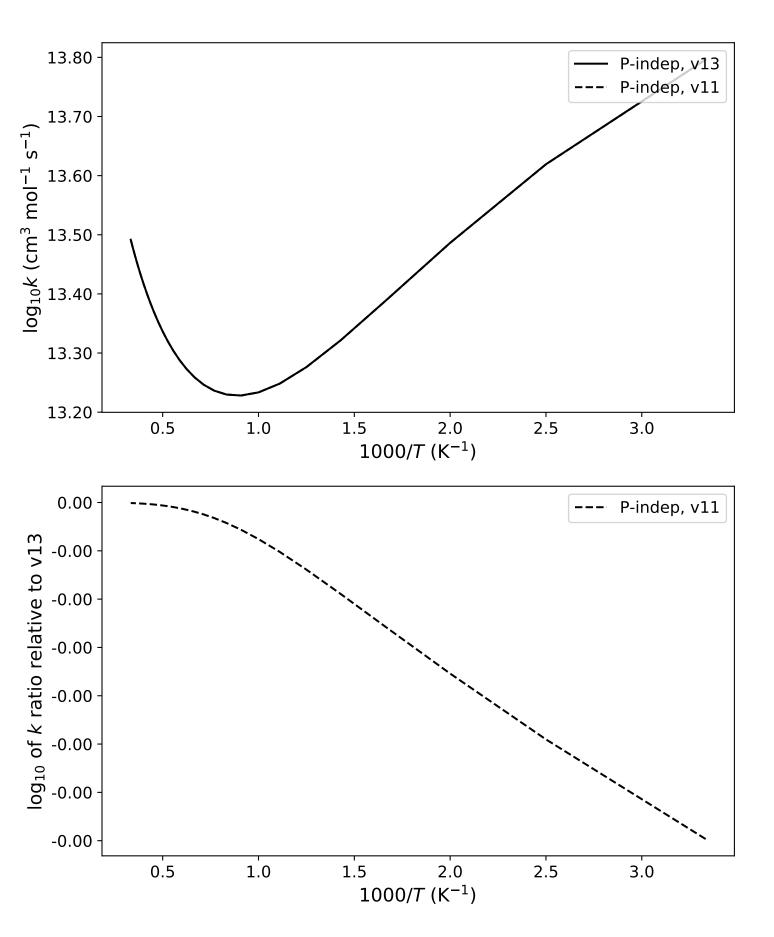
### HCCO+OH=CH2O+CO



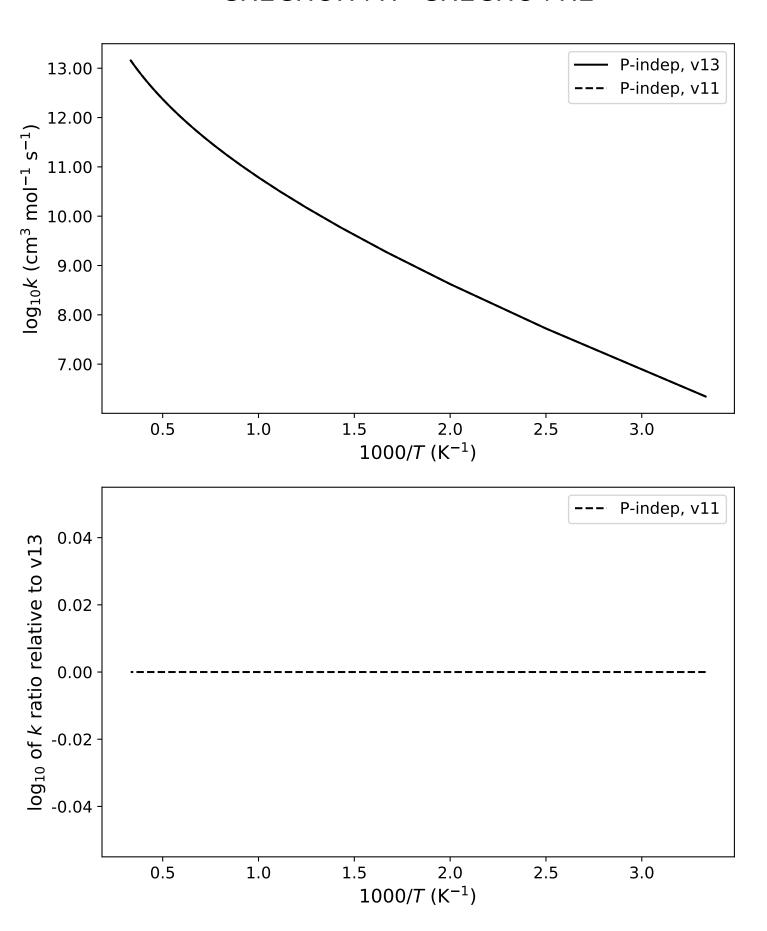
#### CH2CH2OOH=c-CH2CH2O+OH



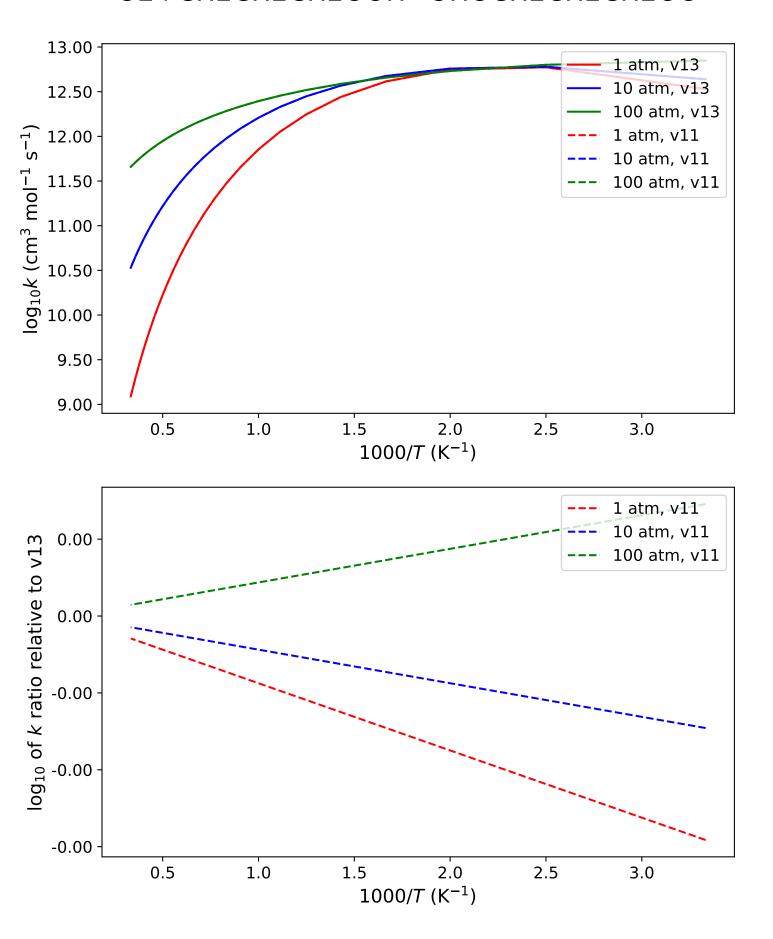
### HO2+OH=H2O+O2



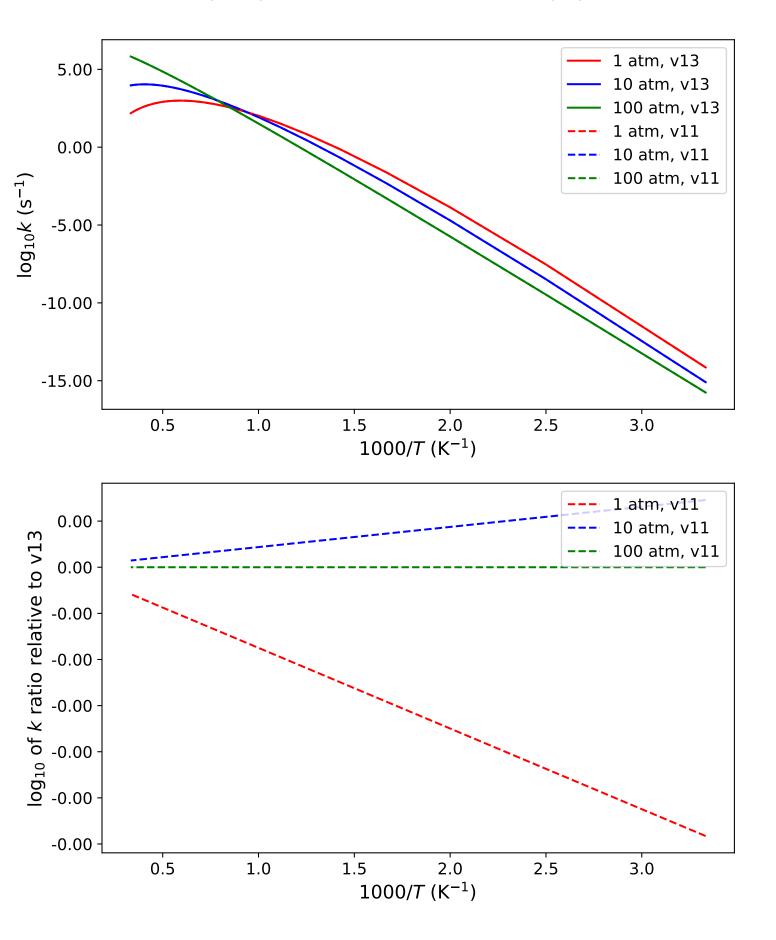
### CH2CHOH+H=CH2CHO+H2



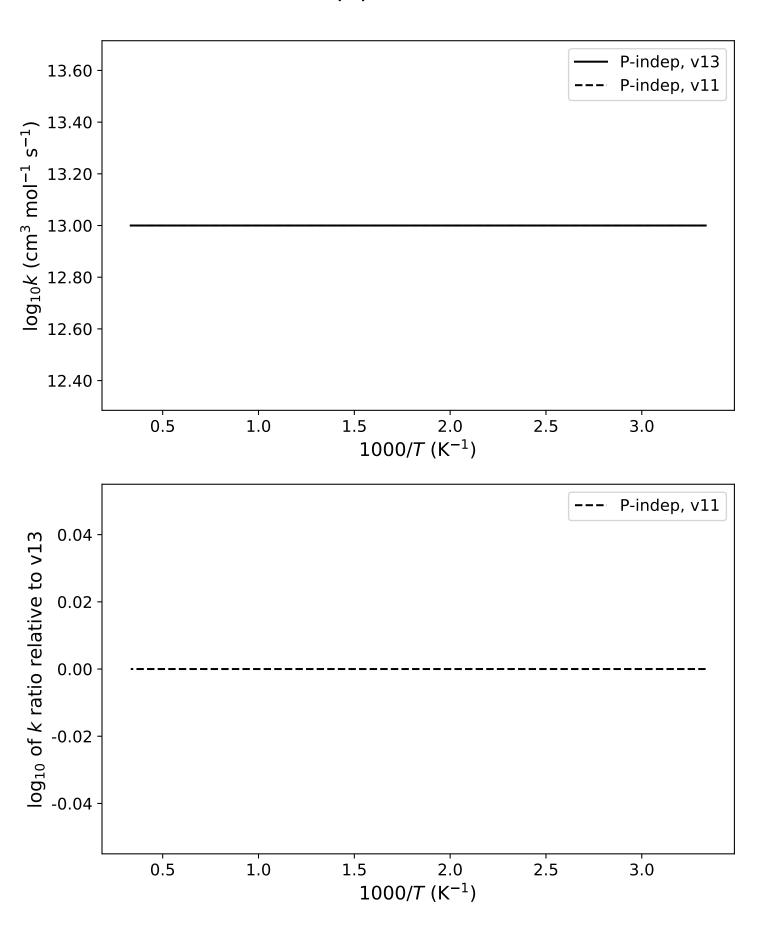
#### O2+CH2CH2CH2OOH=OHOCH2CH2CH2OO



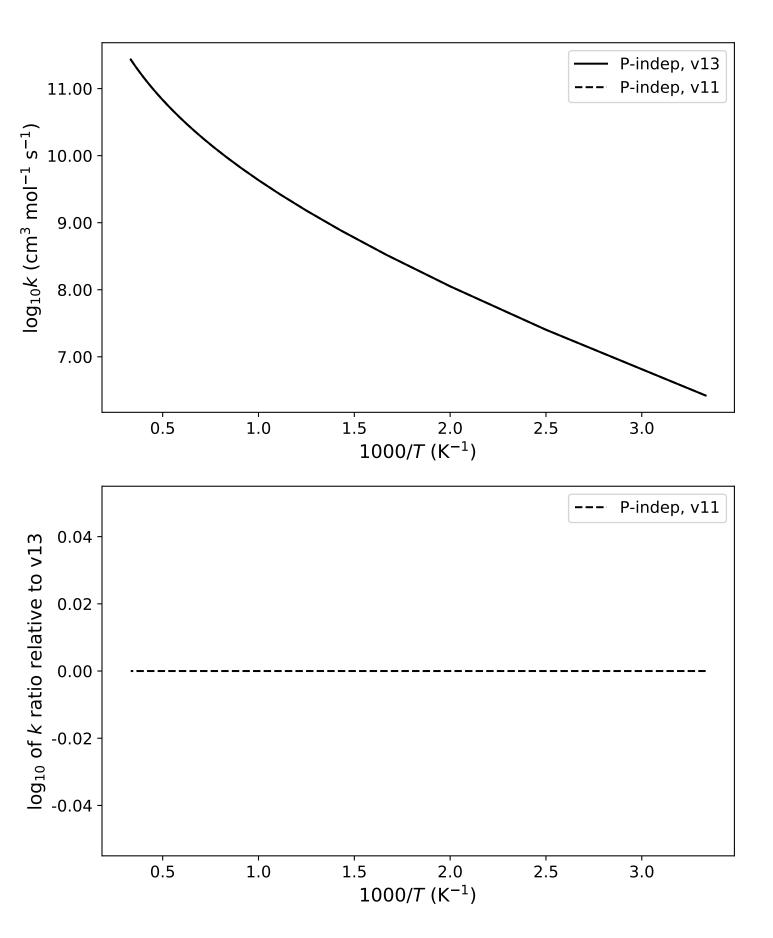
## CH3CH(OO)CH2OOH=OH+CH3C(O)CH2OOH



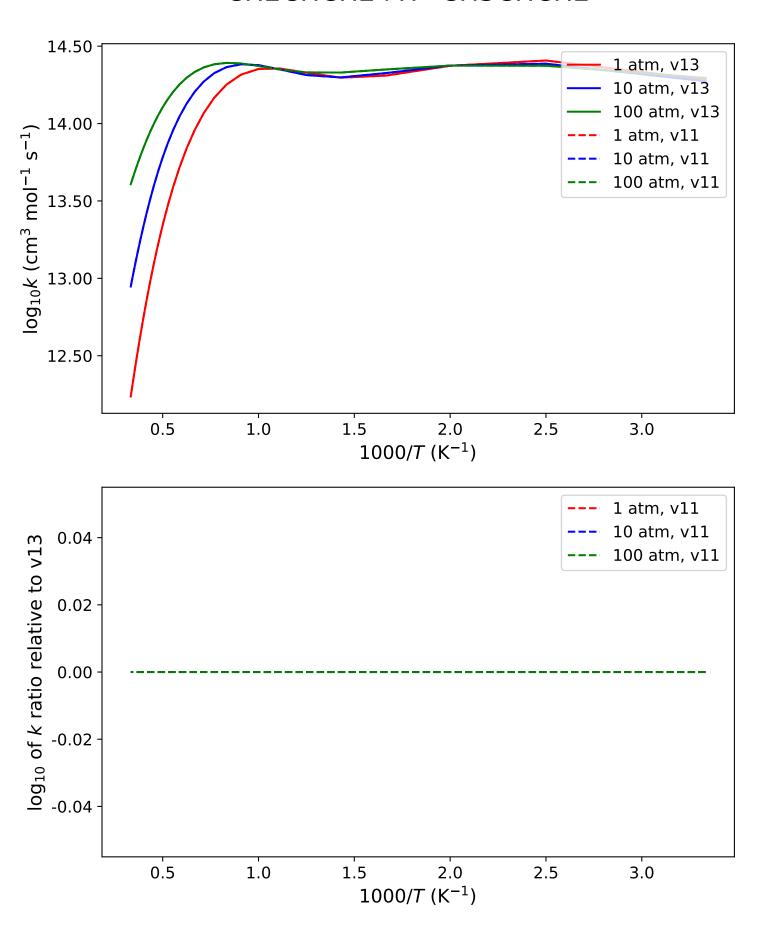
## CHOH(T)+M=CHOH+M



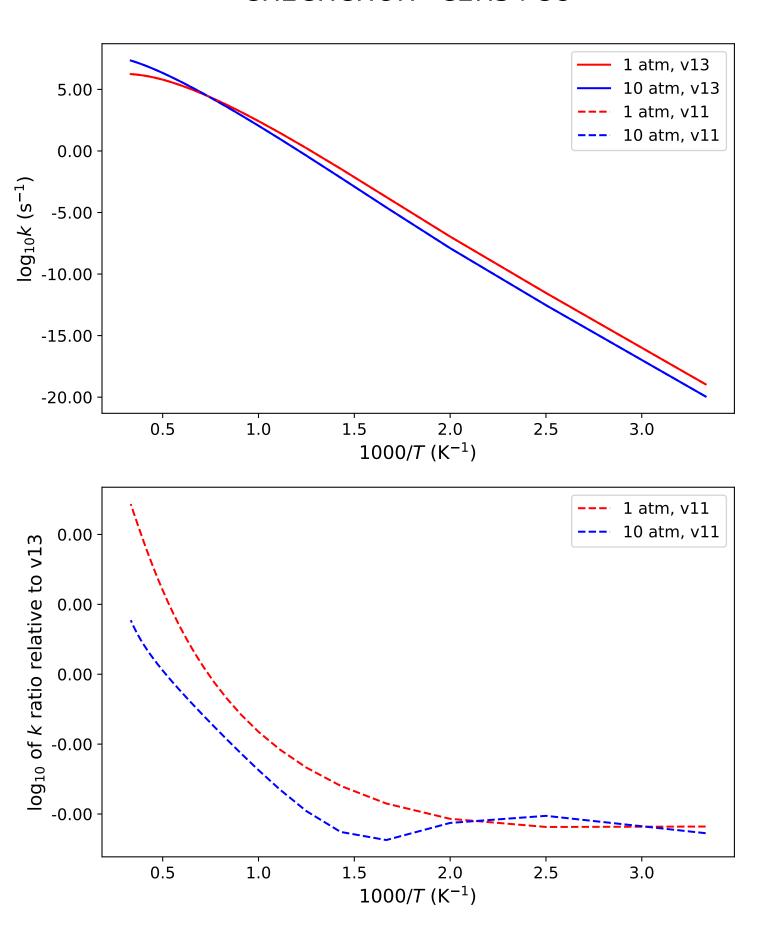
### HCCO+O2=O+CO+HCO



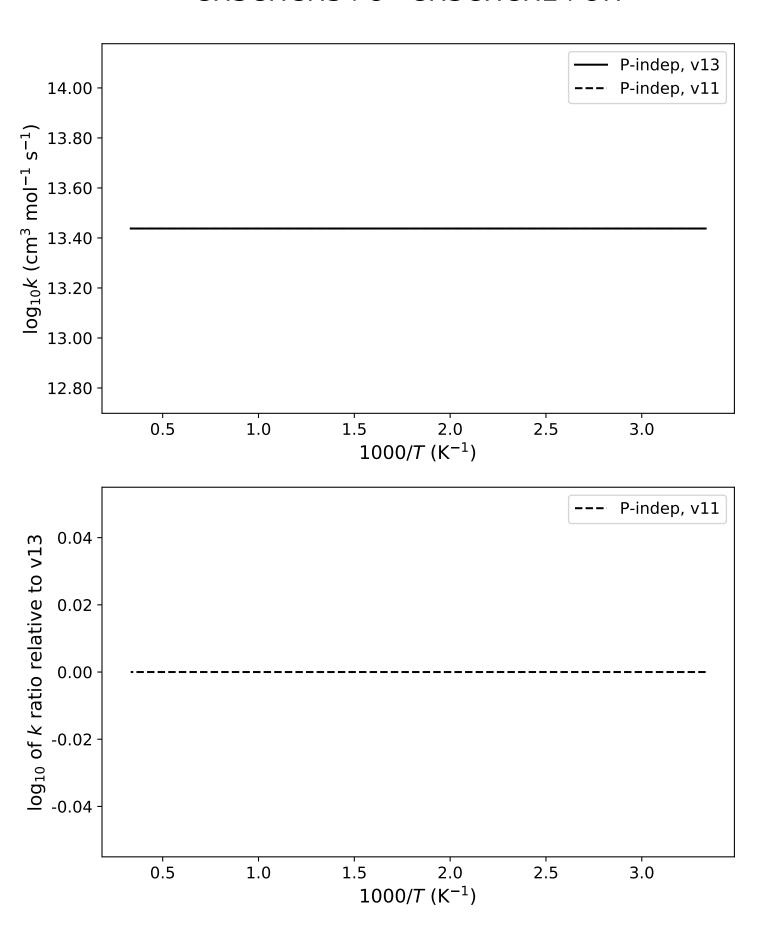
### CH2CHCH2+H=CH3CHCH2



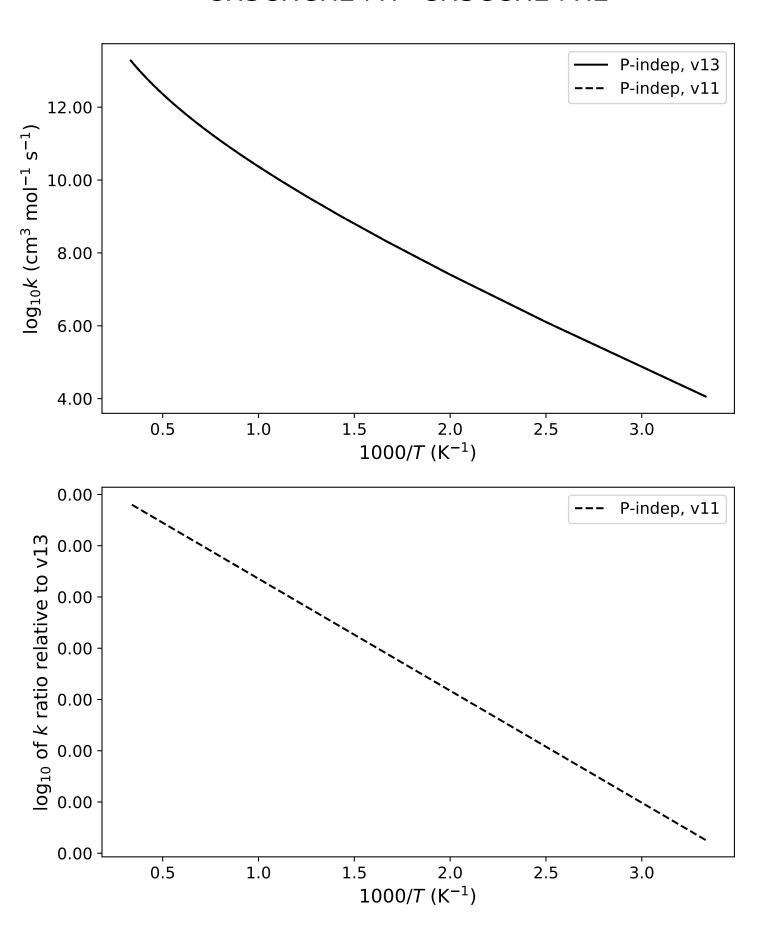
### CH2CHCHOH=C2H5+CO



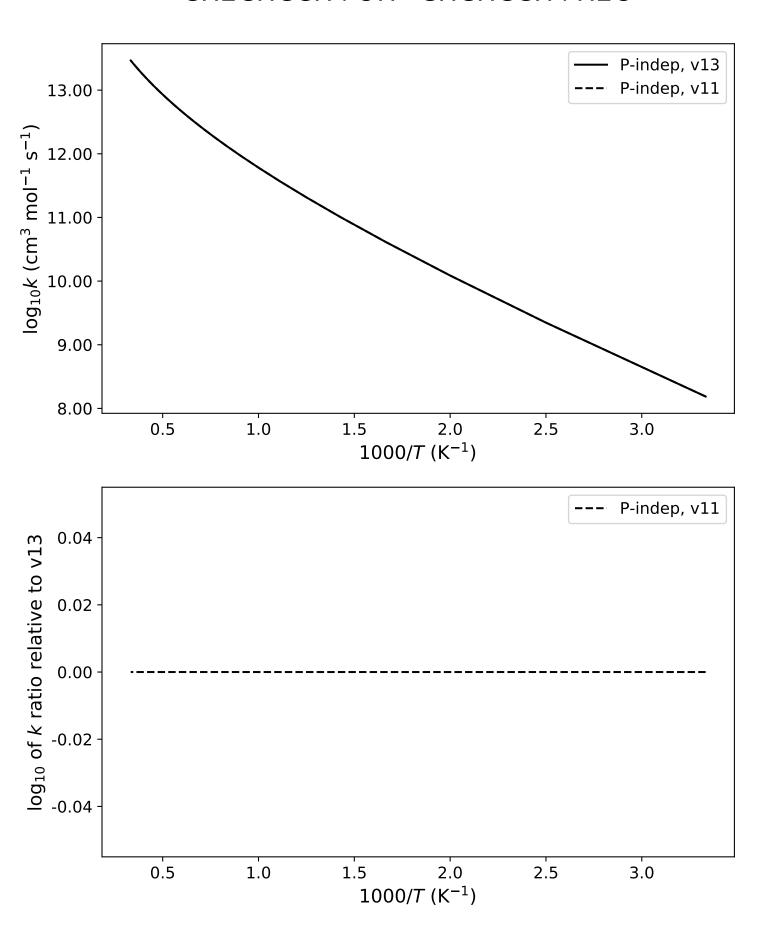
### CH3CHCH3+O=CH3CHCH2+OH



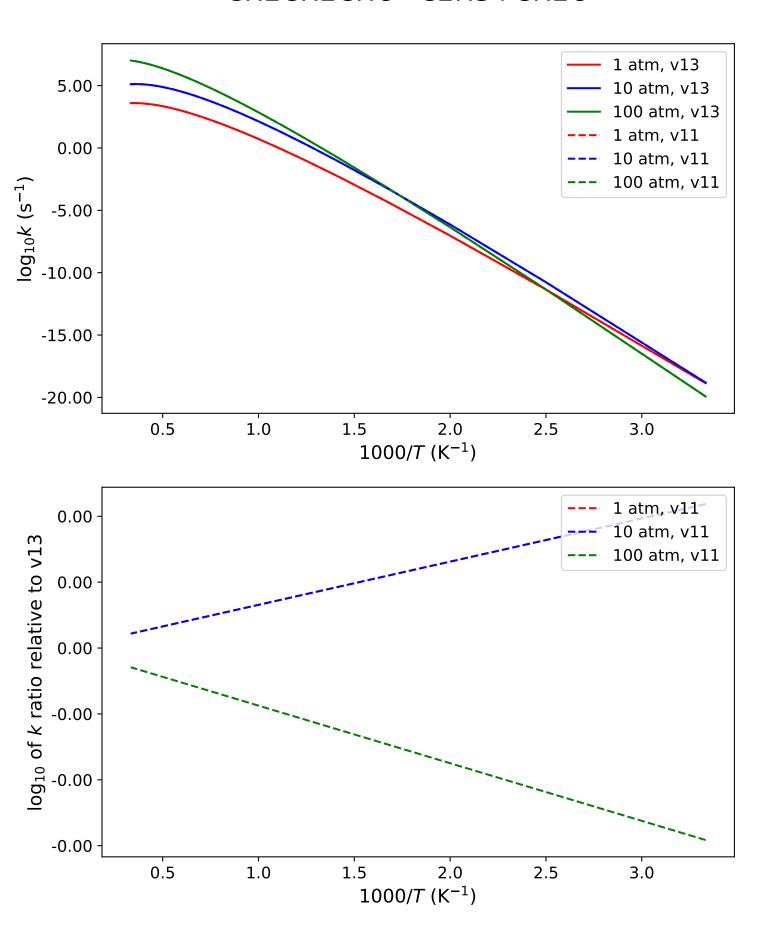
### CH3CHCH2+H=CH3CCH2+H2



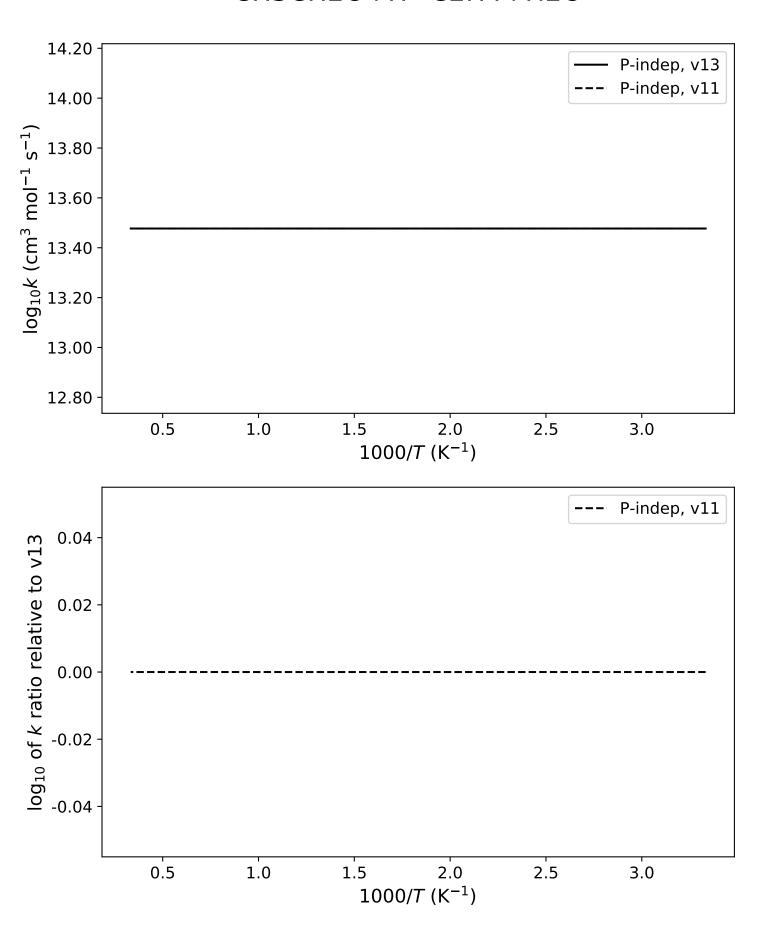
### CH2CHCCH+OH=CHCHCCH+H2O



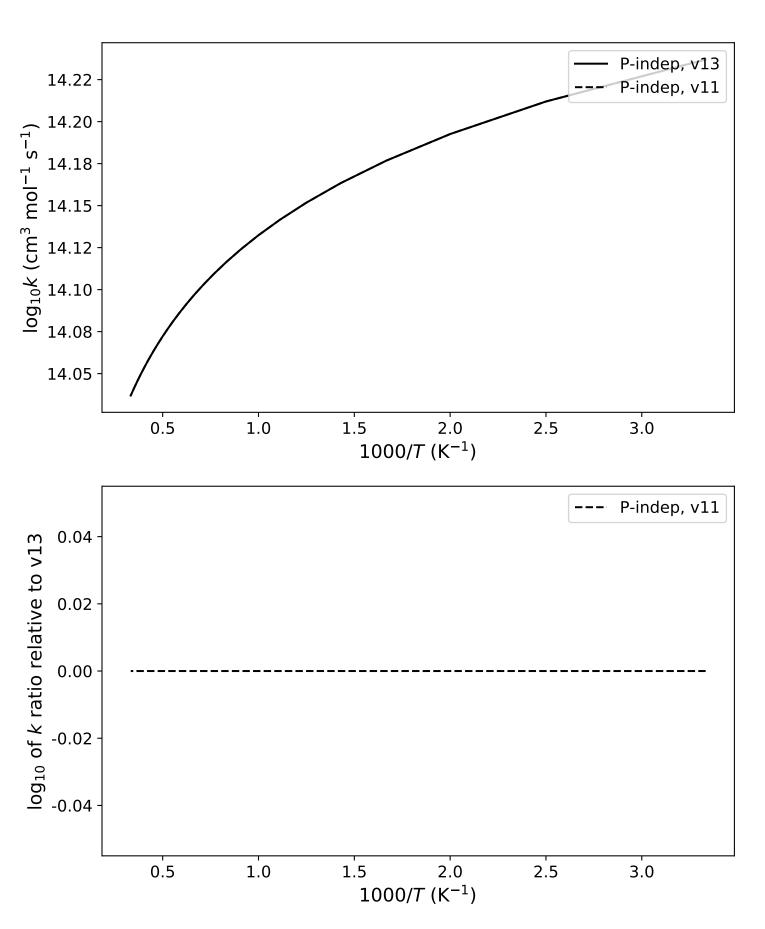
## CH2CH2CH0=C2H3+CH2O



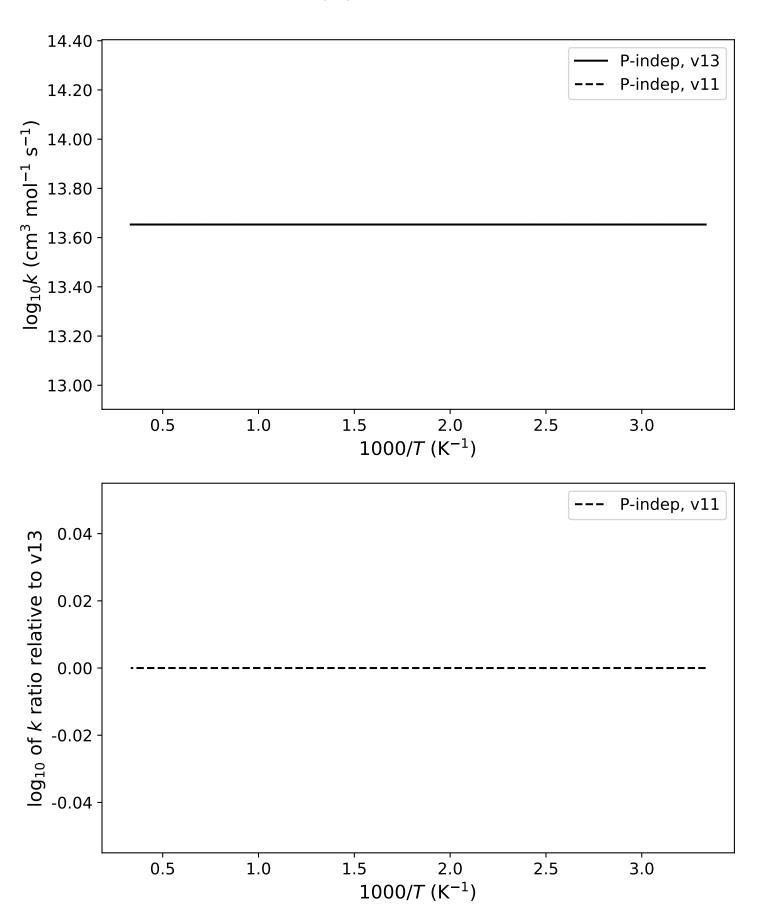
### CH3CH2O+H=C2H4+H2O



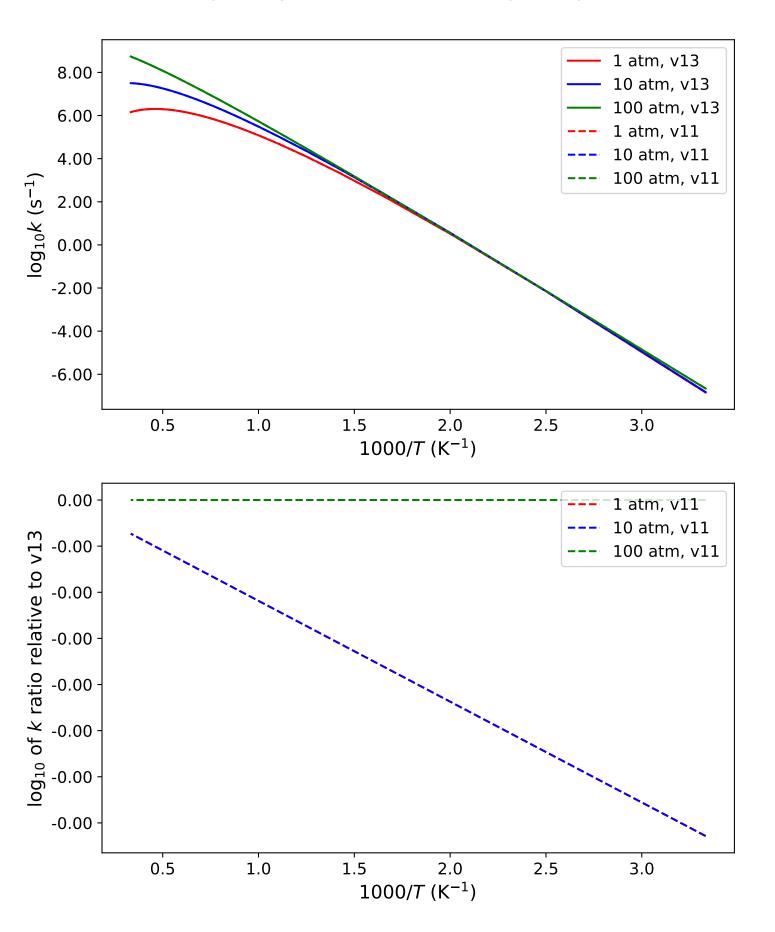
### CH+C2H2=CHCCH+H



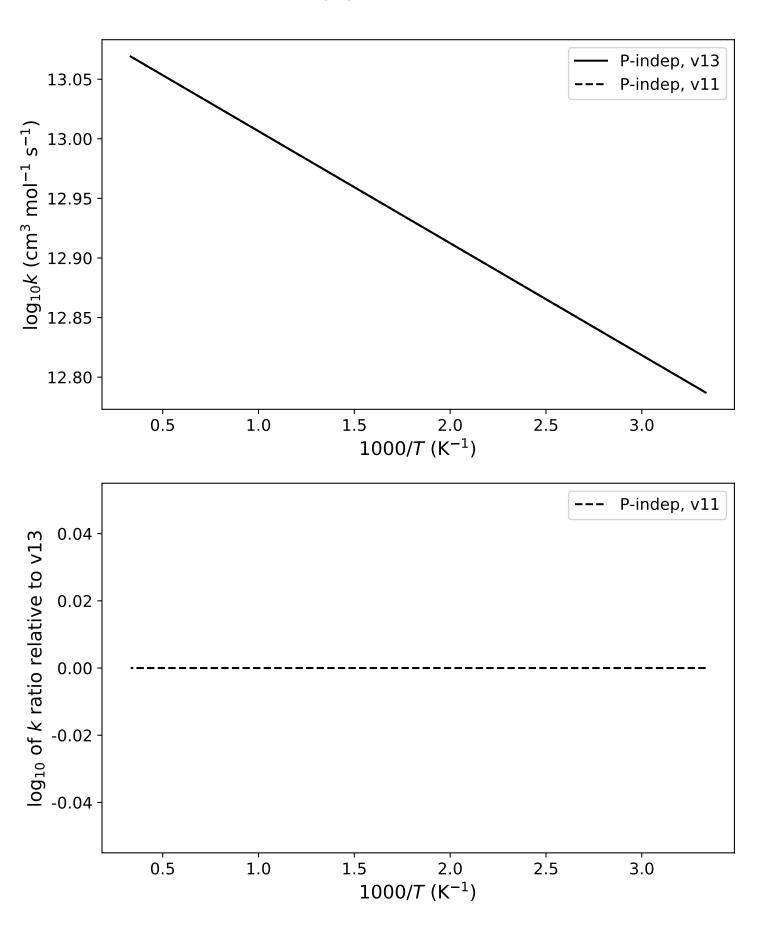
# CH2(S)+O2=CH2+O2



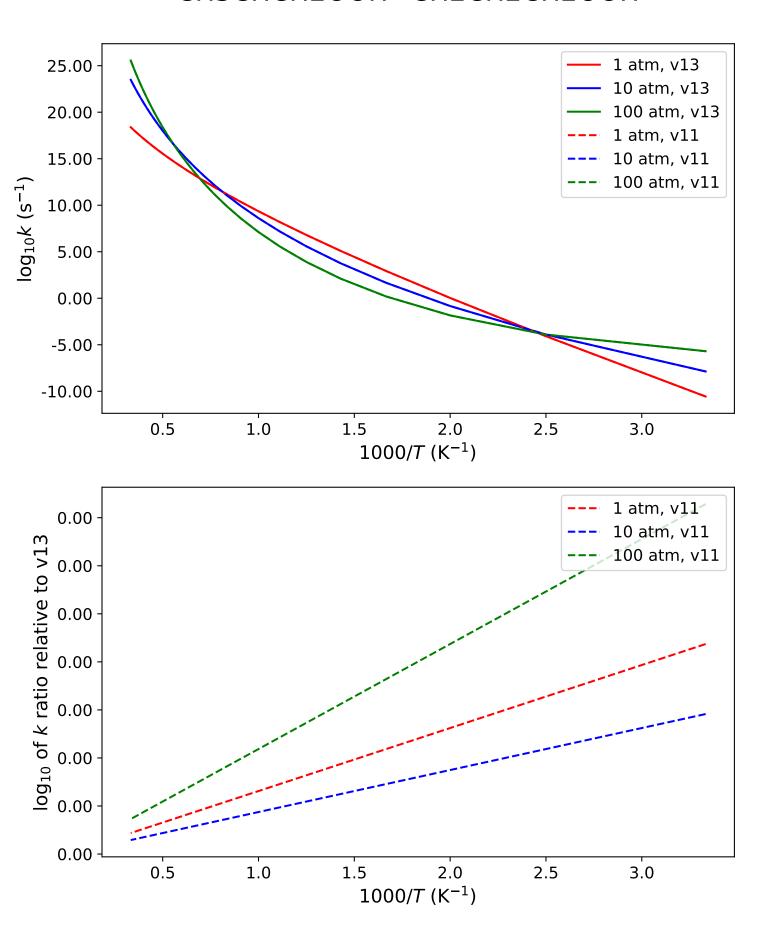
## CH3CH(OOH)CH2OO=CH2CH(OOH)CH2OOH



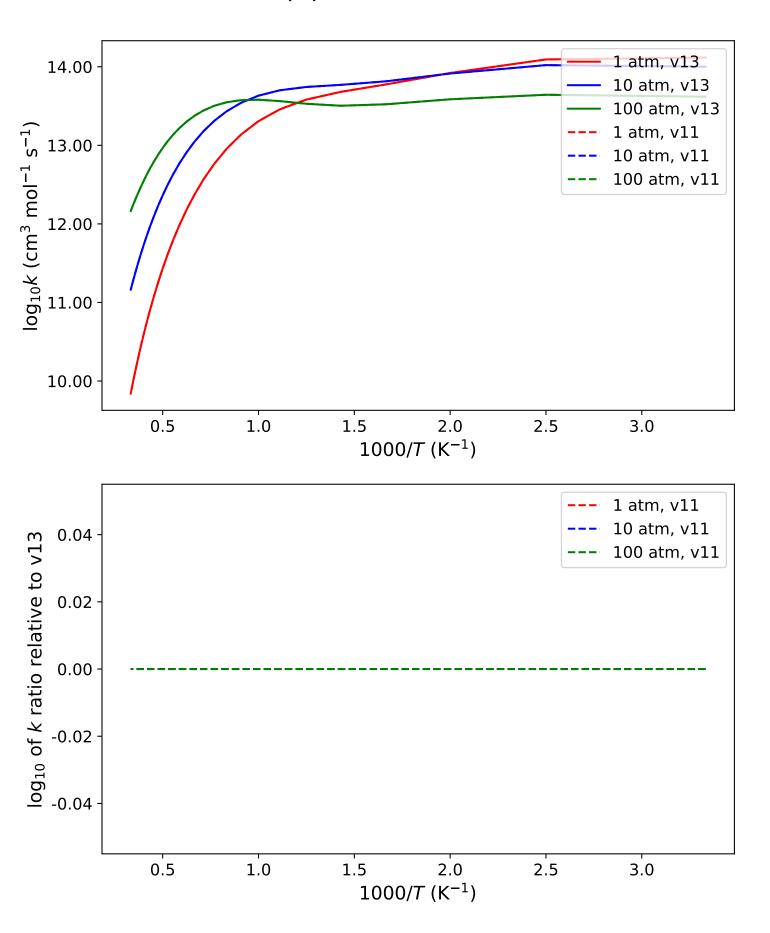
## CH2(S)+N2=CH2+N2



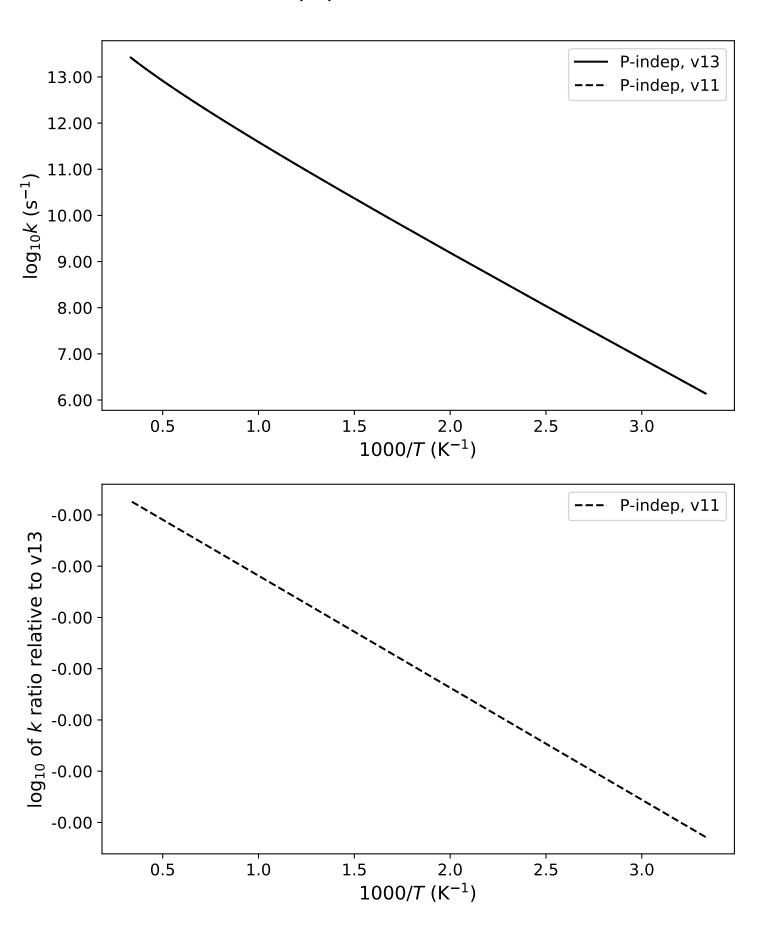
#### CH3CHCH2OOH=CH2CH2CH2OOH



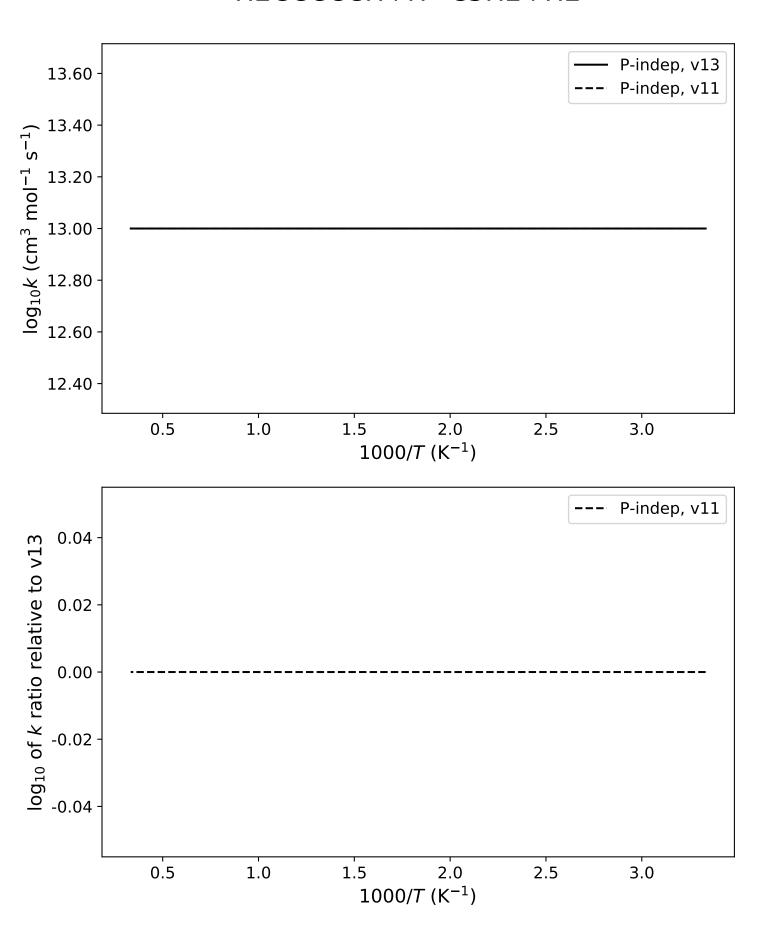
## CH2(S)+C2H4=CH3CHCH2



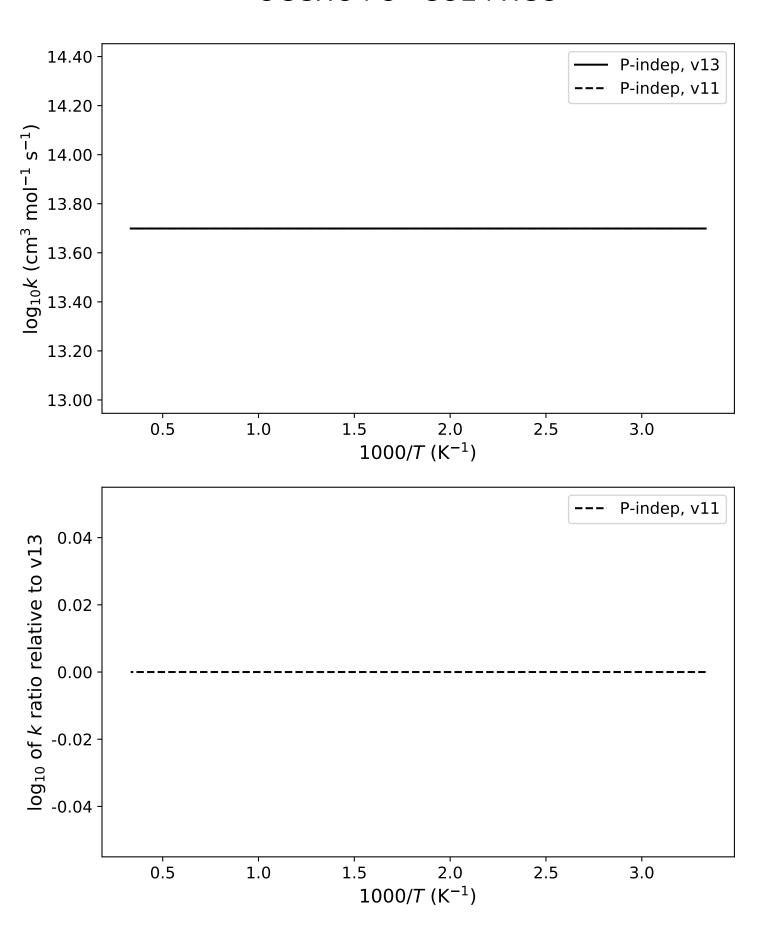
# CH3CH(O)CHO=CH3+OCHCHO



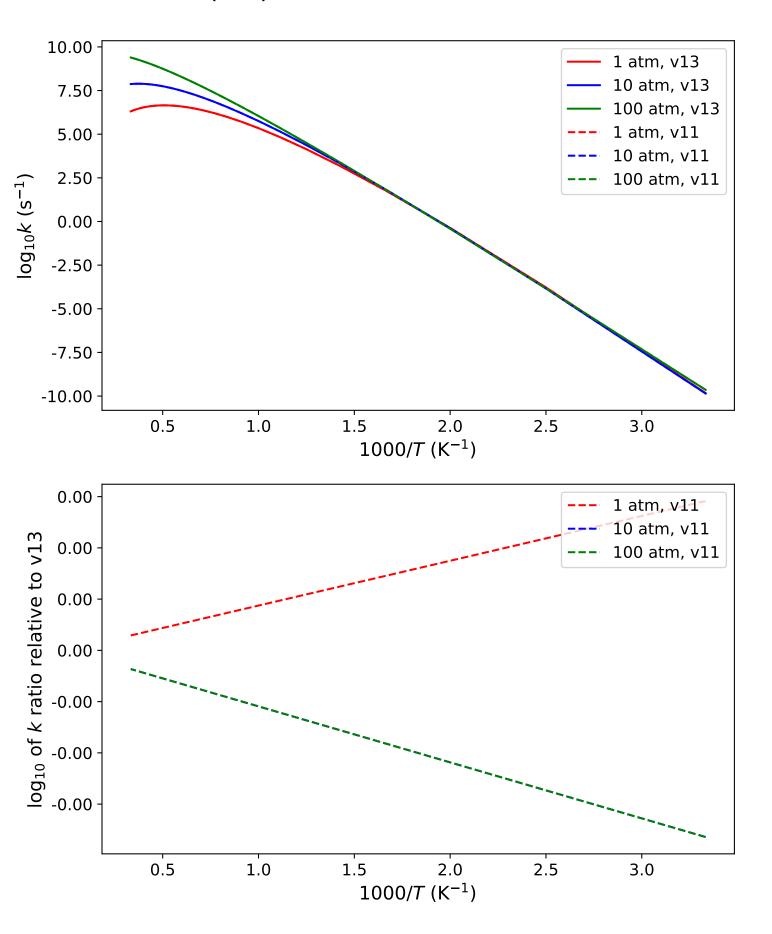
### H2CCCCCH+H=C5H2+H2



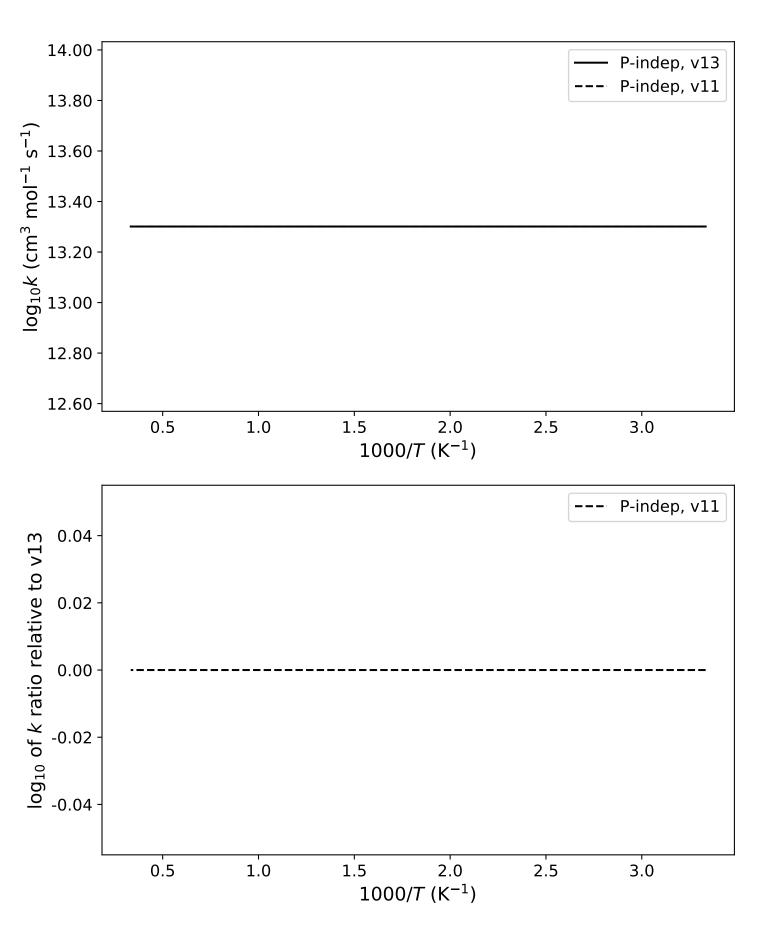
## OCCHO+O=CO2+HCO



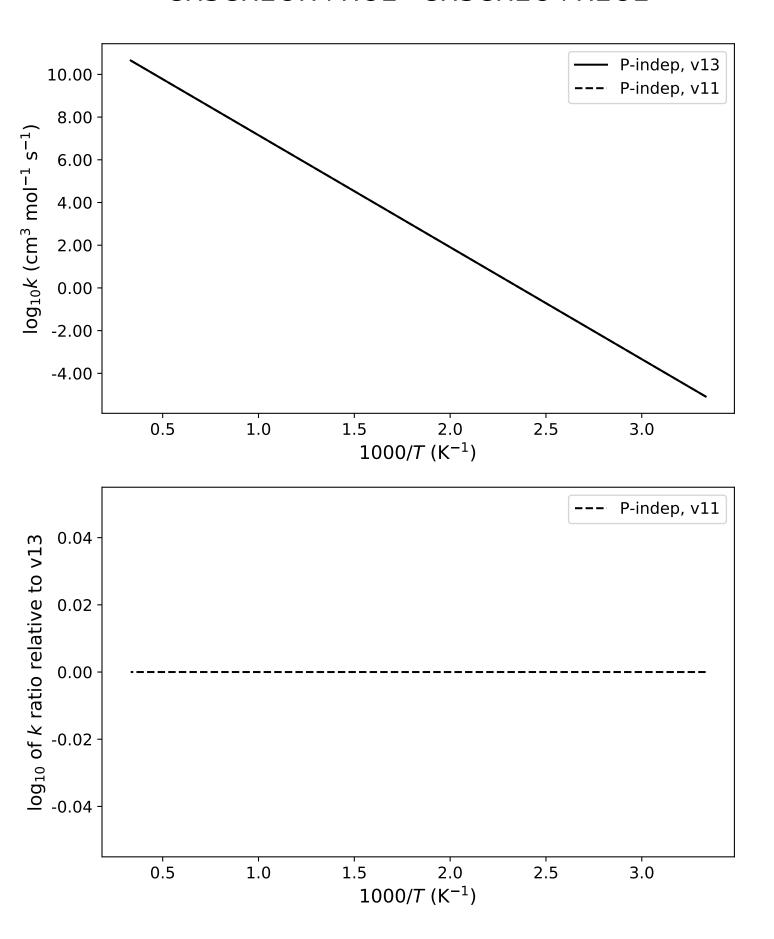
### CH3CH(OO)CH2OOH=HO2+CH2CHCH2OOH



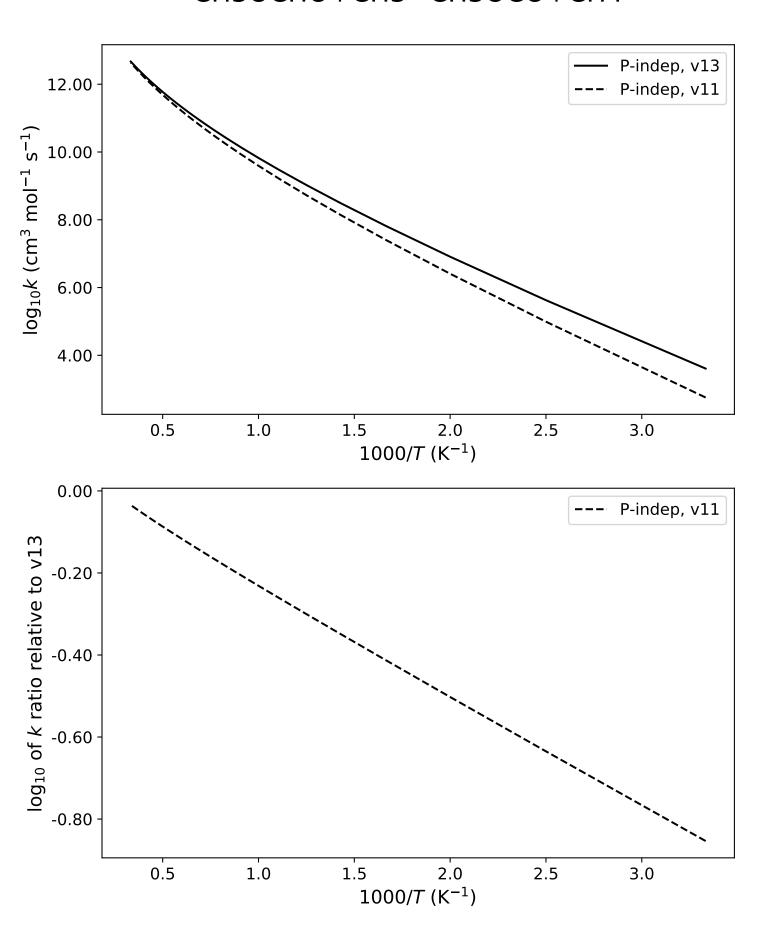
# CCO+OH=CO+CO+H



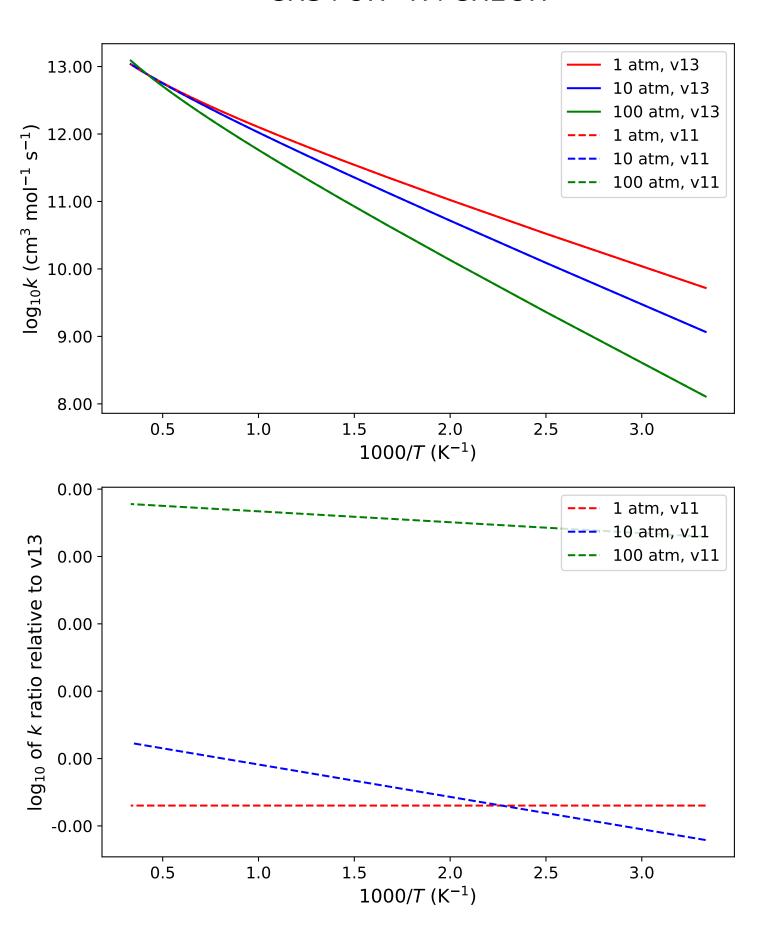
### CH3CH2OH+HO2=CH3CH2O+H2O2



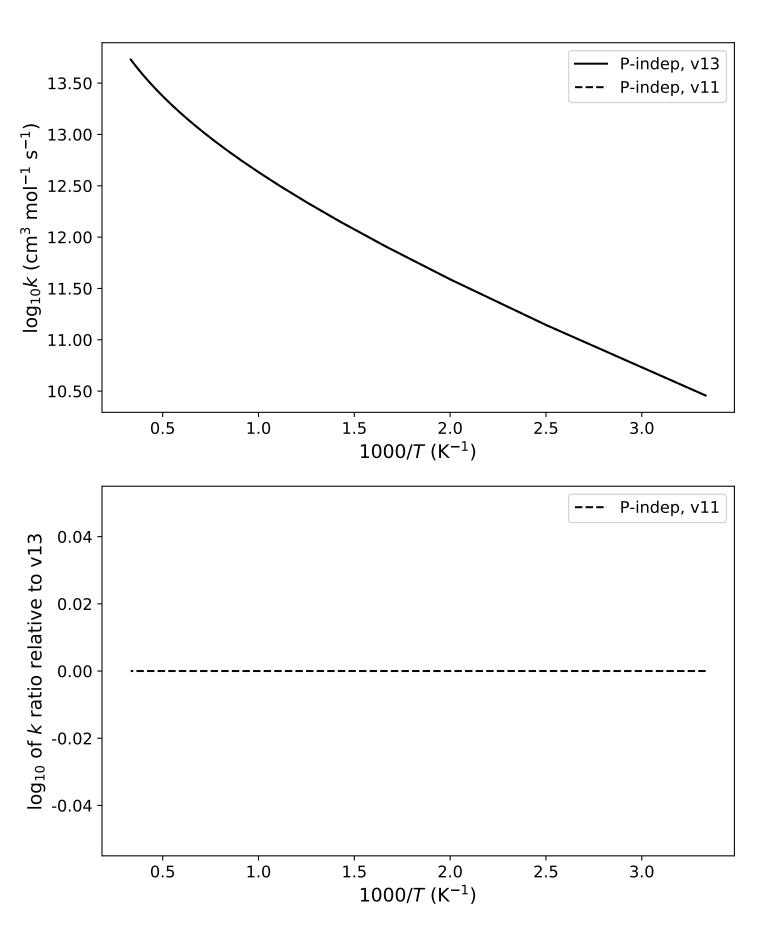
## CH3OCHO+CH3=CH3OCO+CH4



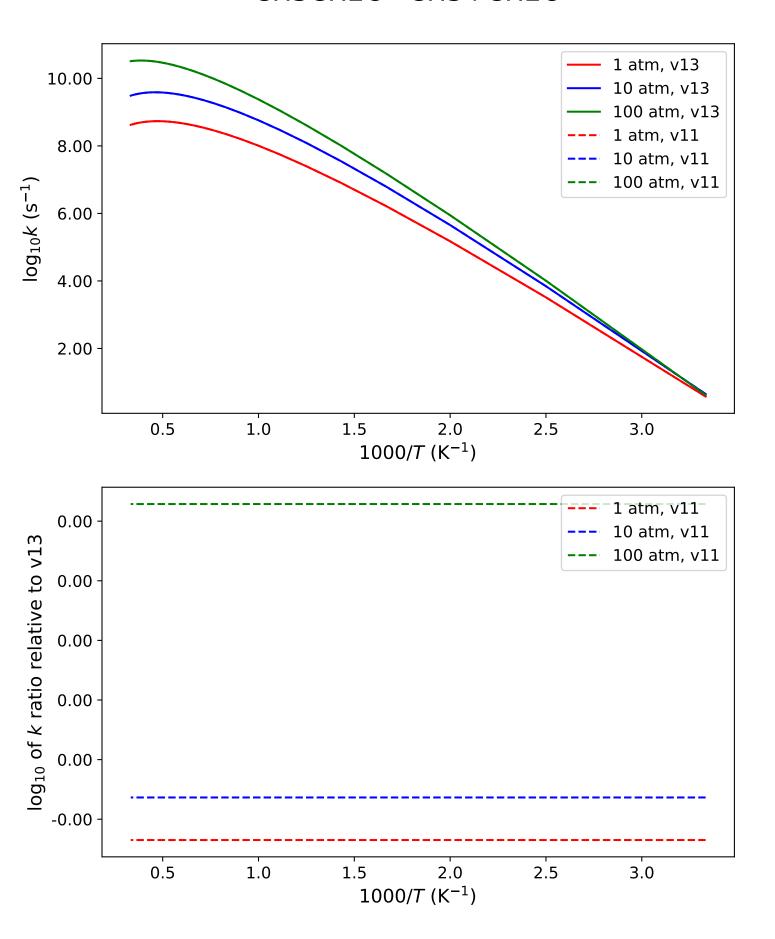
### CH3+OH=H+CH2OH



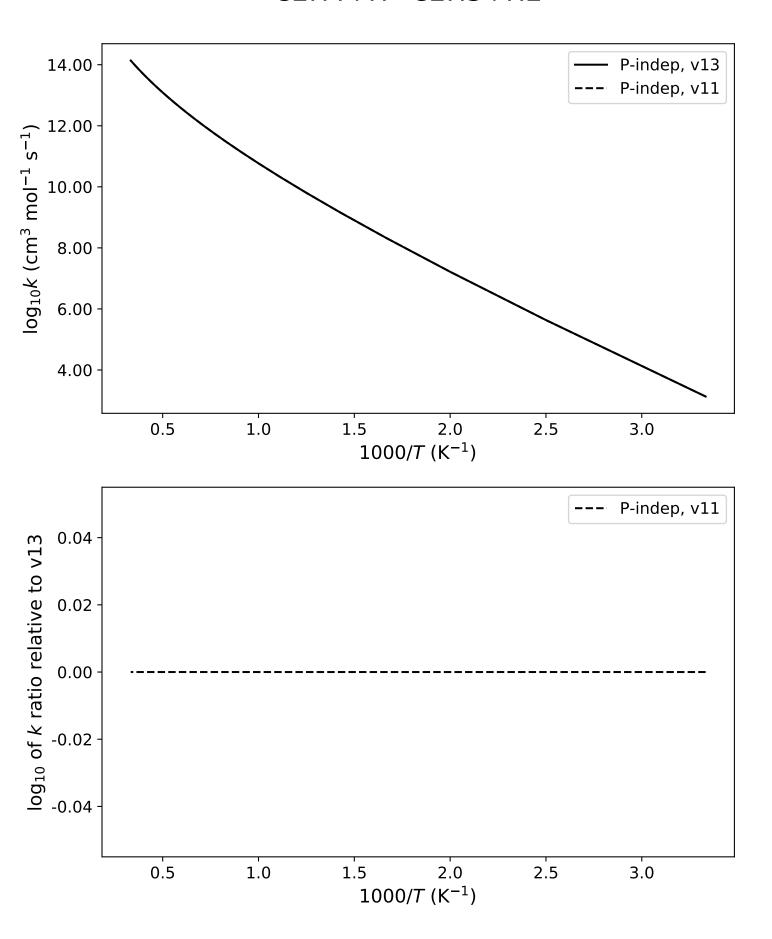
## CH2CO+H=CH3+CO



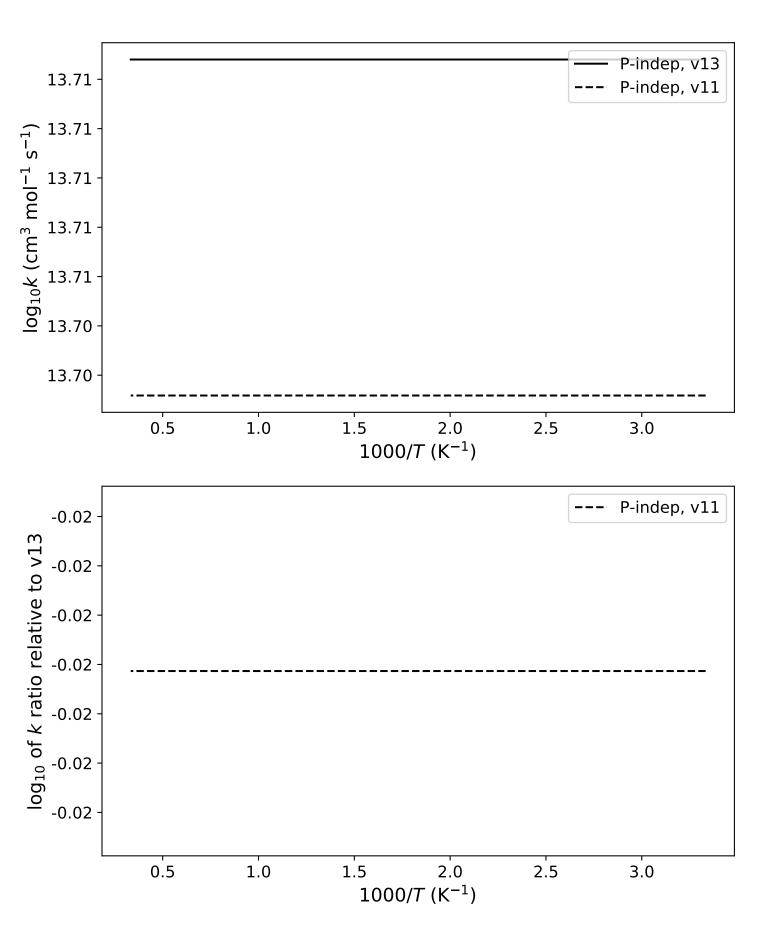
### CH3CH2O=CH3+CH2O



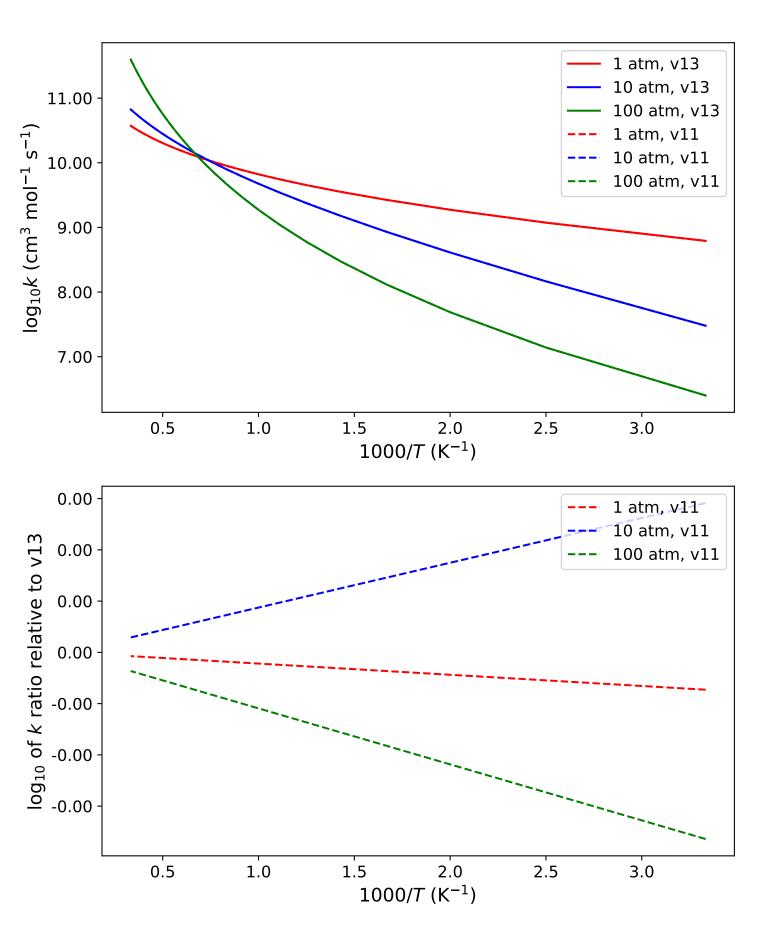
### C2H4+H=C2H3+H2



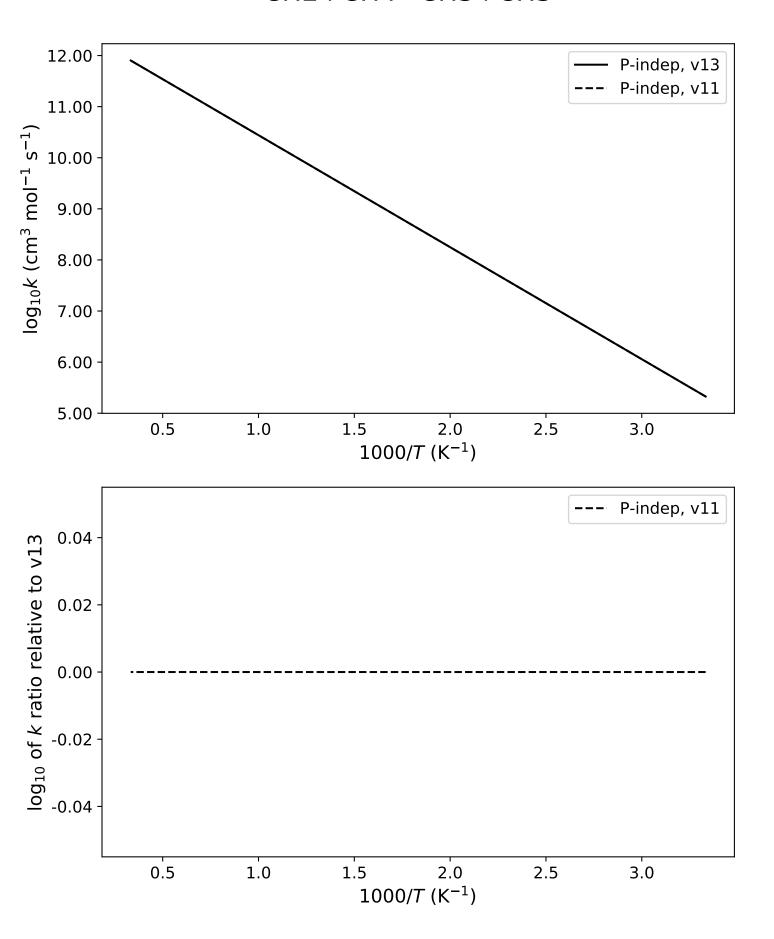
# CCO+O=CO+CO



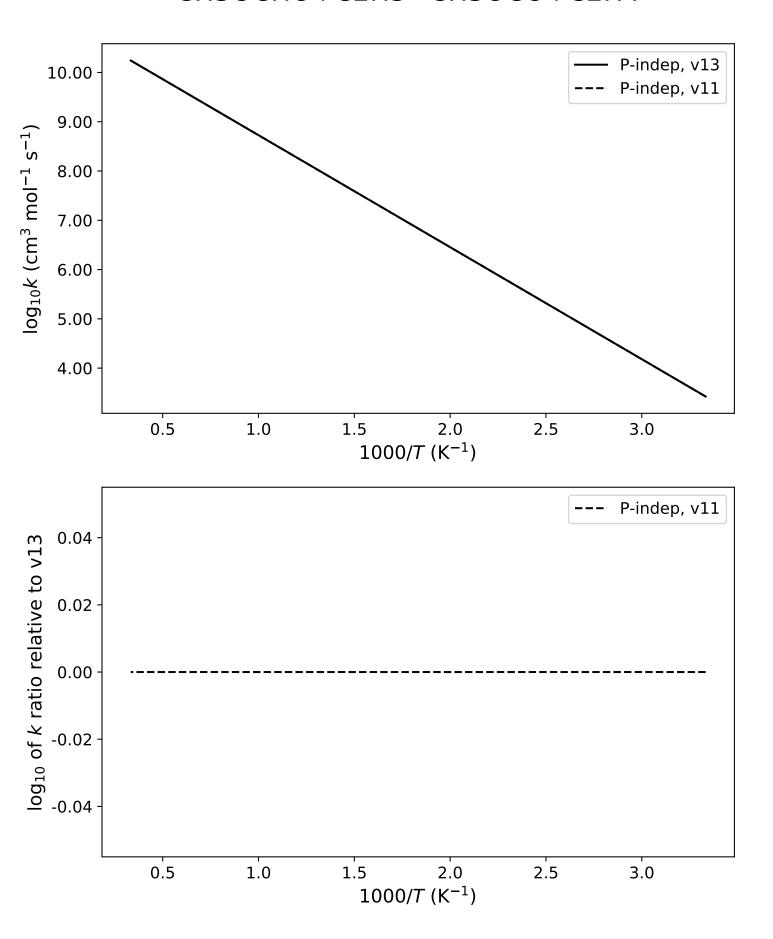
#### CH2CHCH2+HO2=CH2CHCHO+H2O



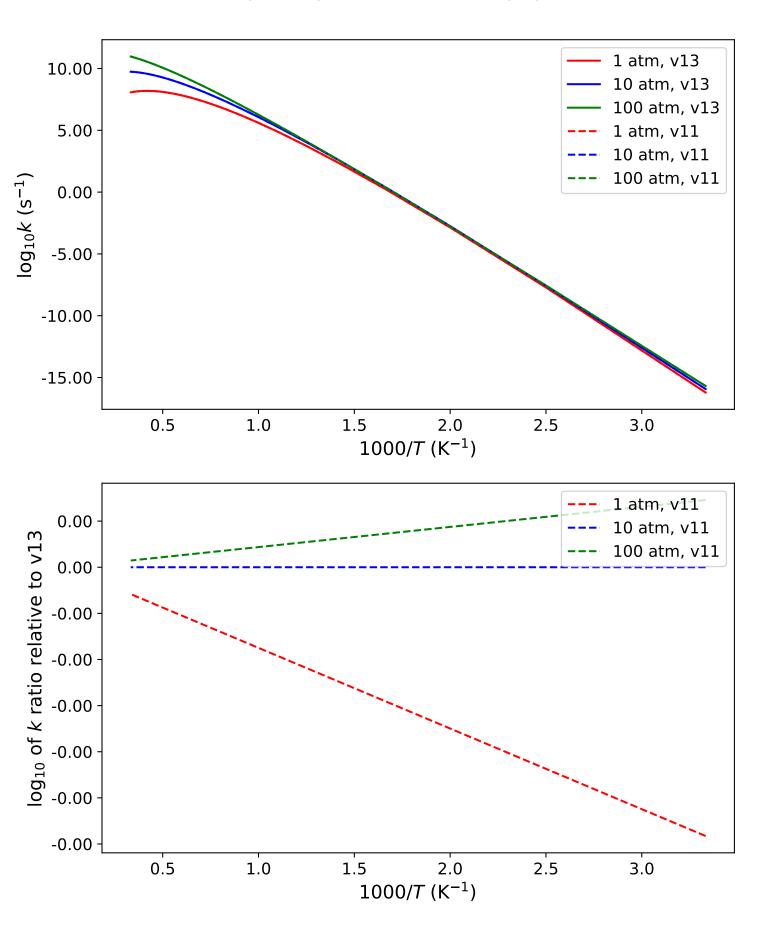
### CH2+CH4=CH3+CH3



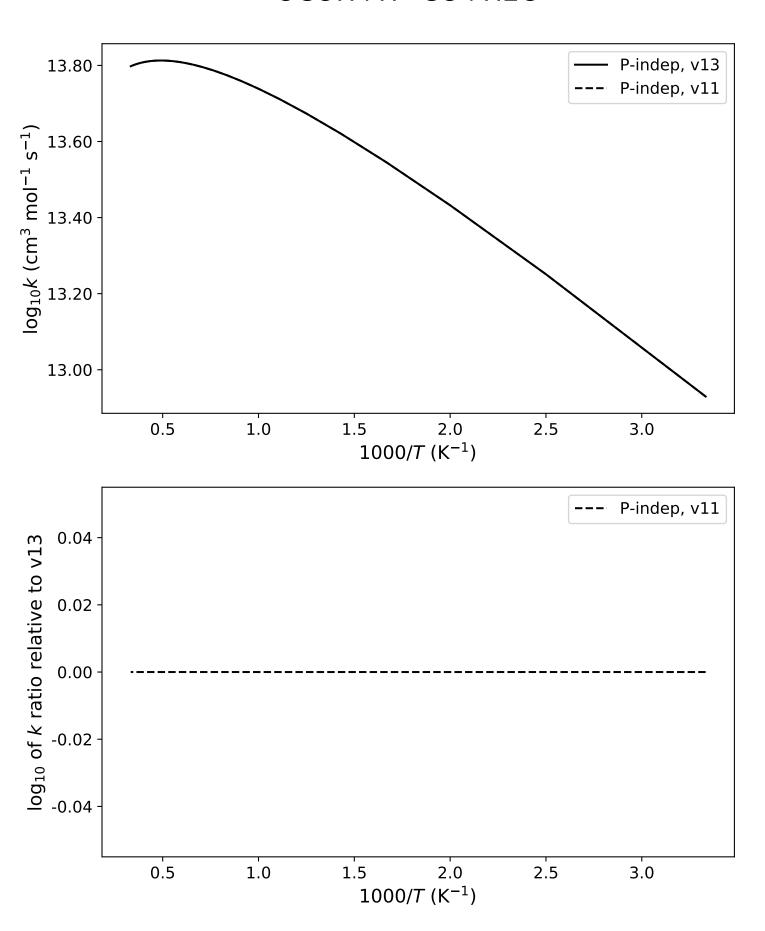
### CH3OCHO+C2H3=CH3OCO+C2H4



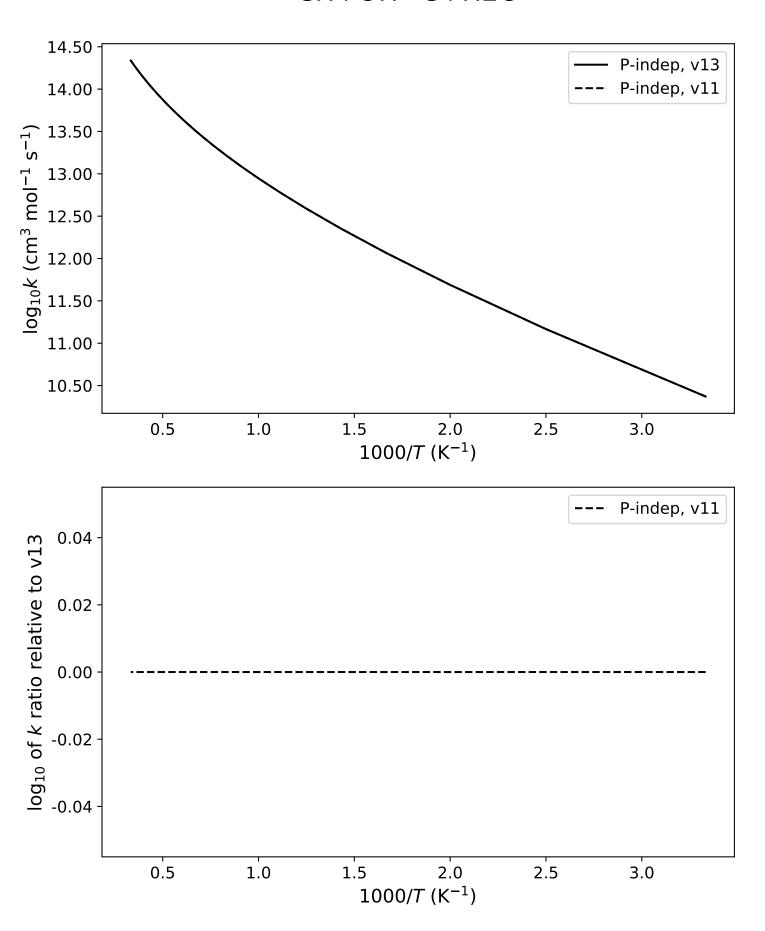
## CH3CH(OOH)CHO=CH3CH(O)CHO+OH



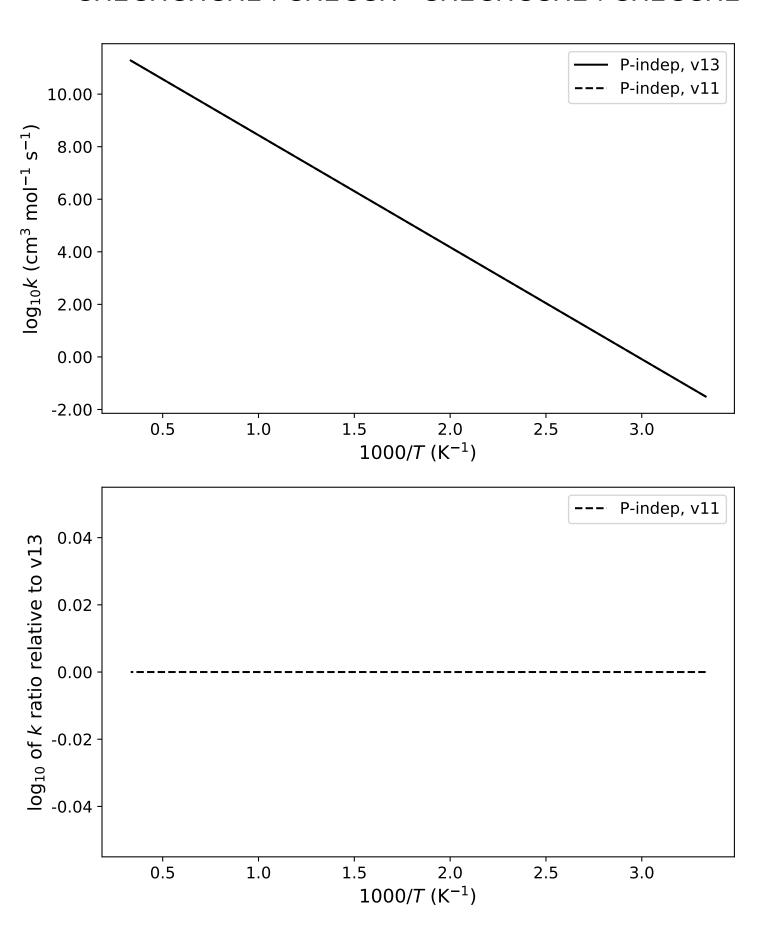
# OCOH+H=CO+H2O



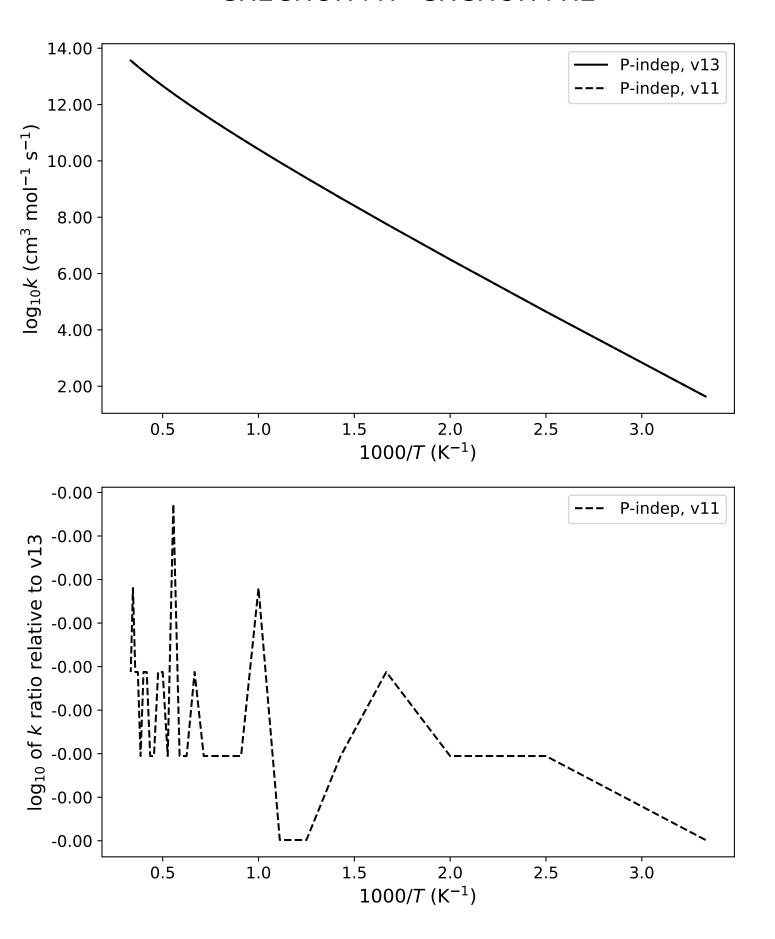
### CH+OH=C+H2O



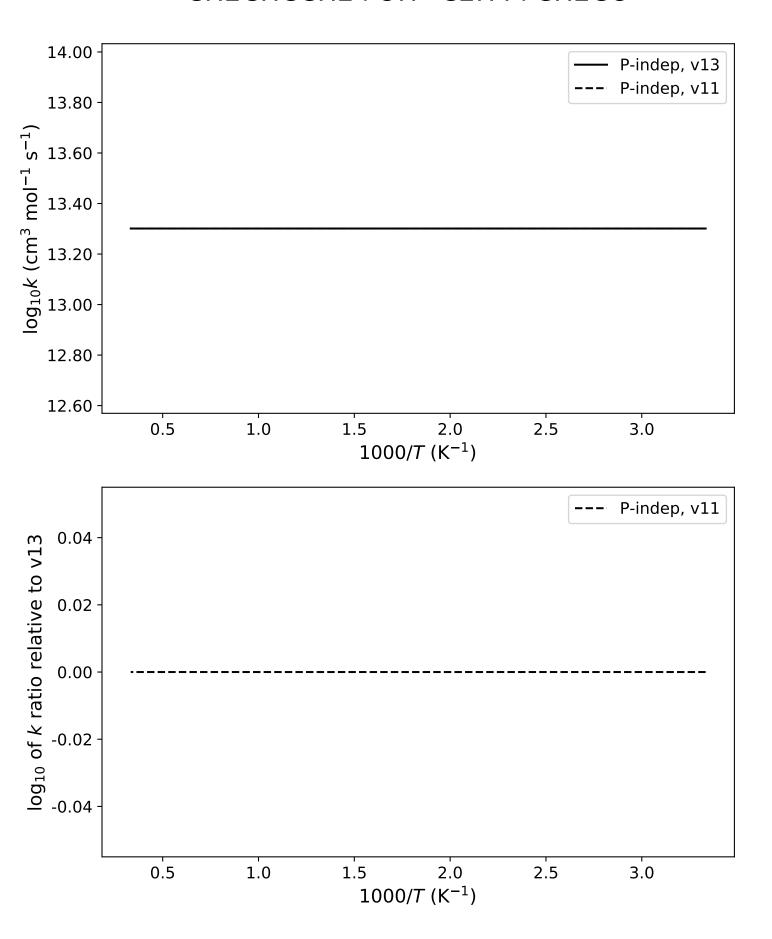
#### CH2CHCHCH2+CH2CCH=CH2CHCCH2+CH2CCH2



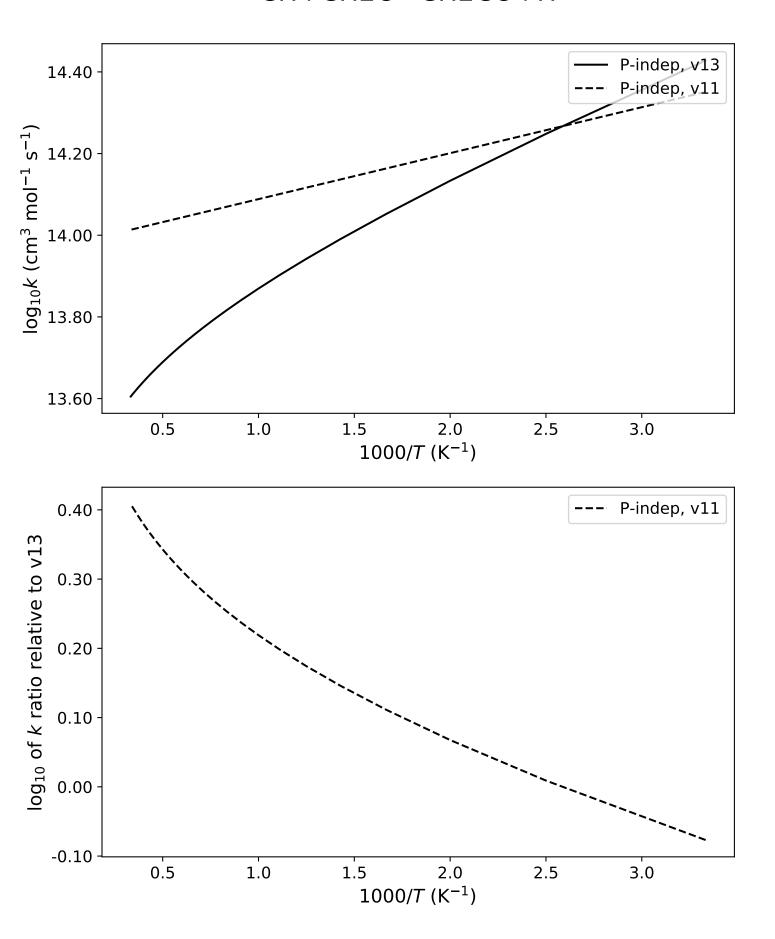
### CH2CHOH+H=CHCHOH+H2



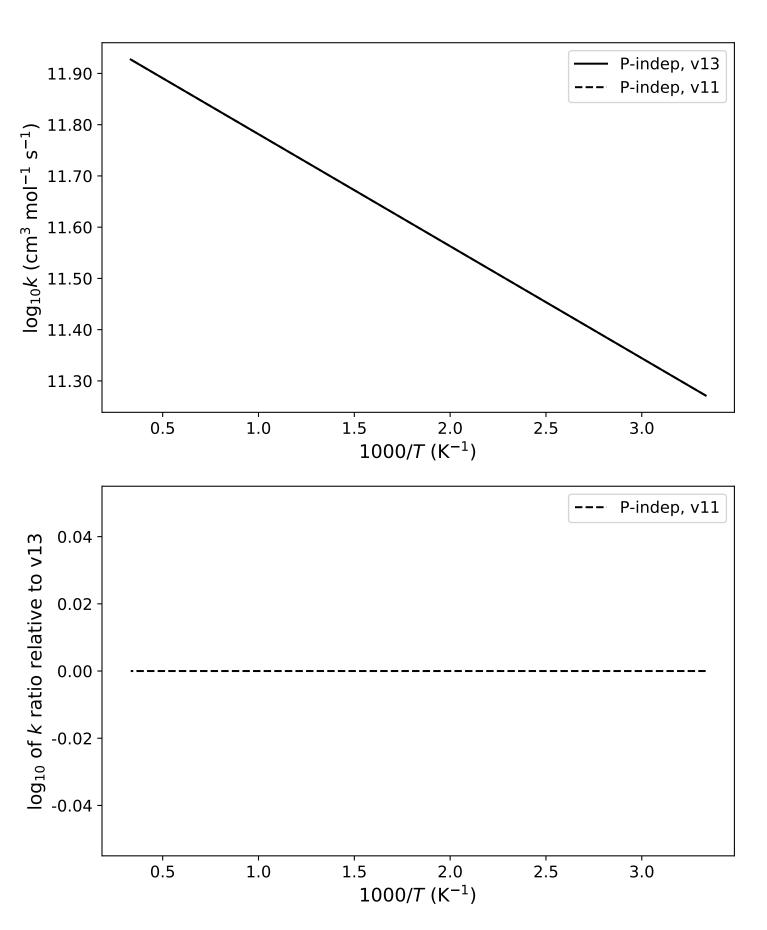
### CH2CHCCH2+OH=C2H4+CH2CO



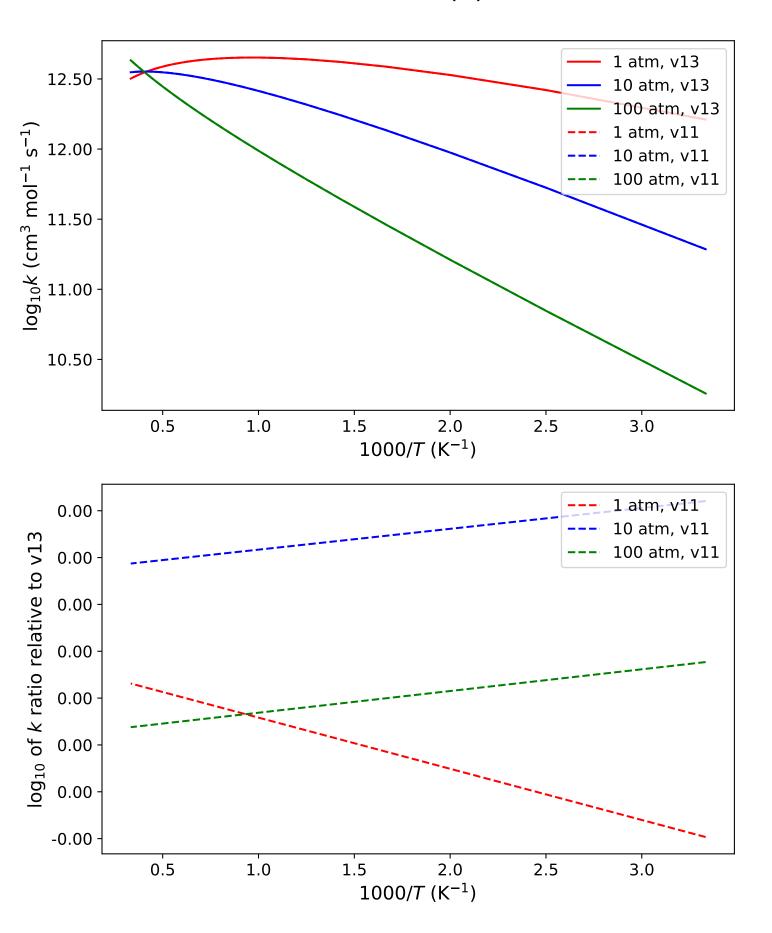
# CH+CH2O=CH2CO+H



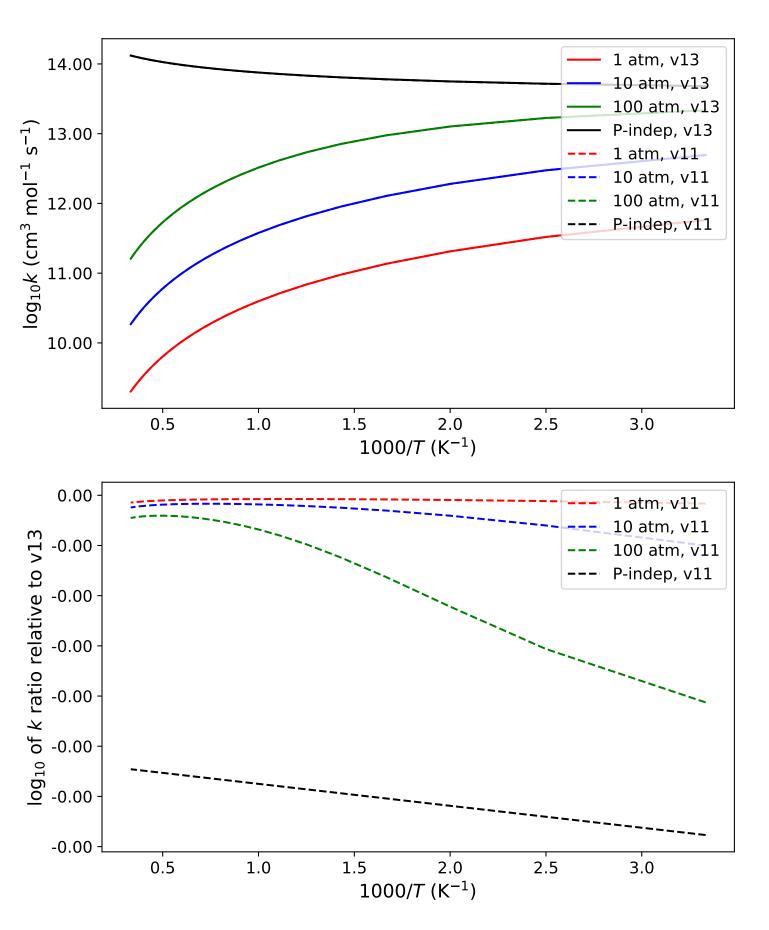
### CH2CHCCH2+O2=CH2CHO+CH2CO



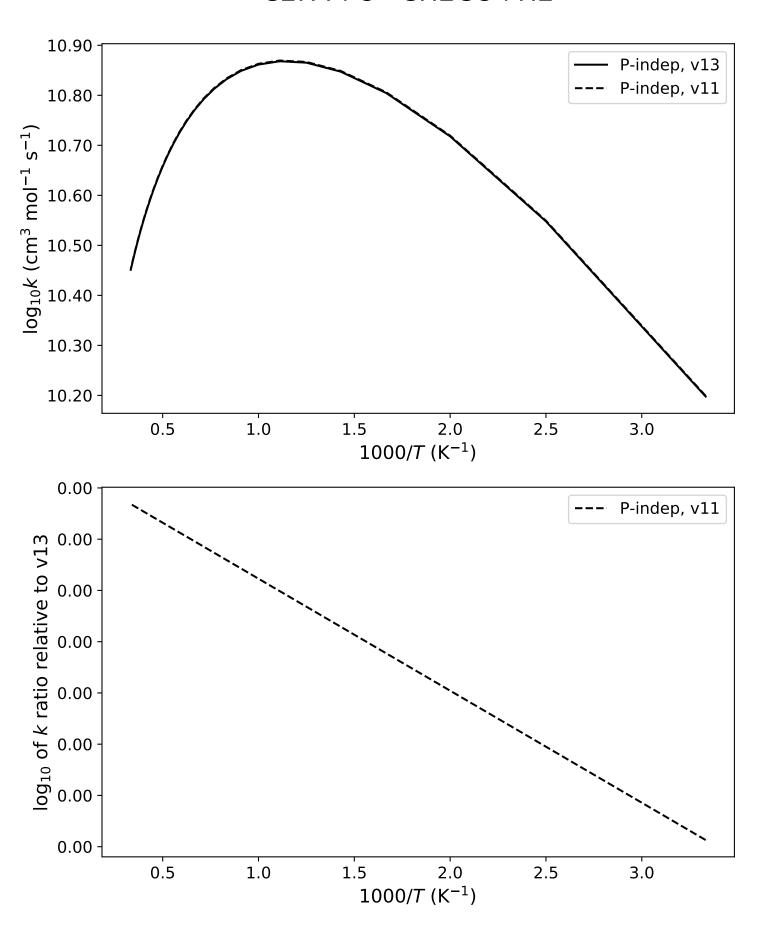
## CH3+OH=CH2(S)+H2O



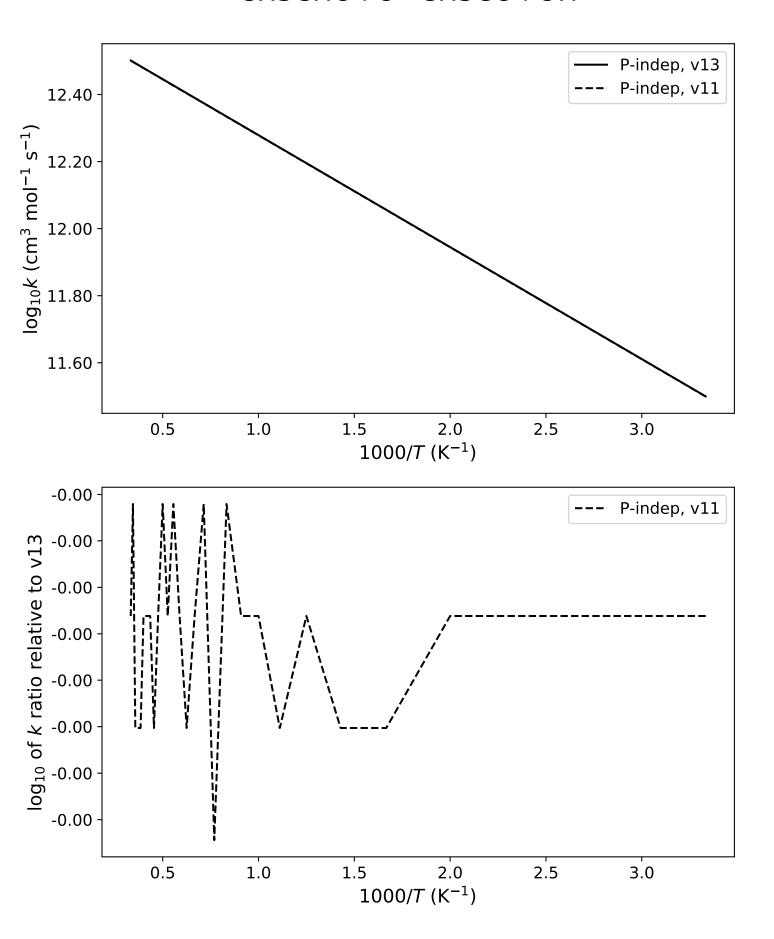
### H+O2(+M)=HO2(+M)



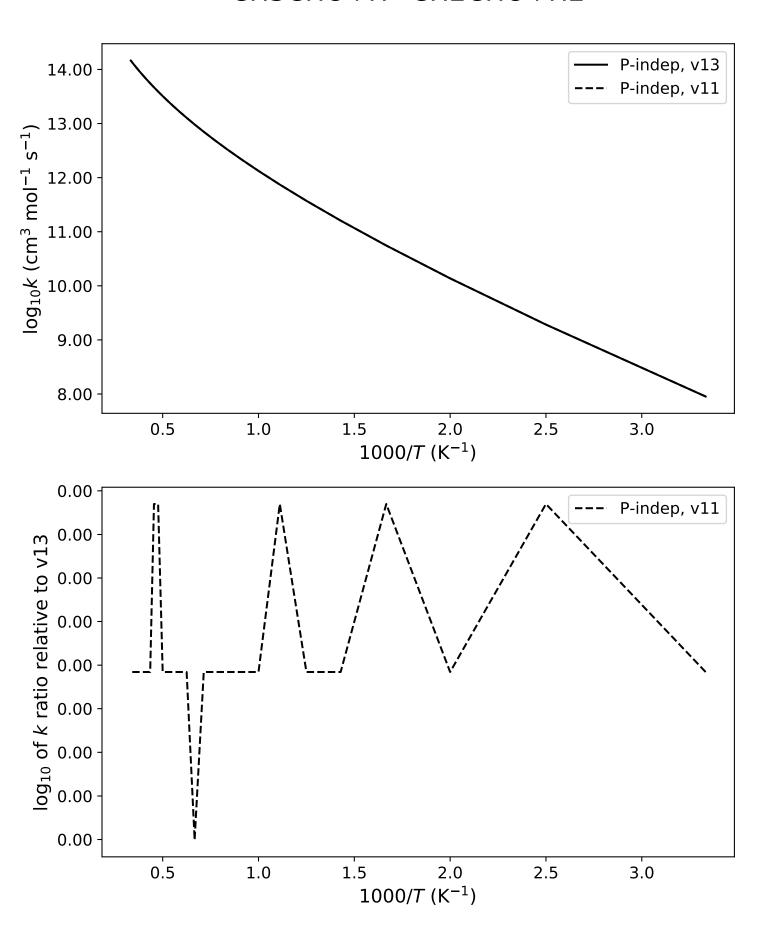
### C2H4+O=CH2CO+H2



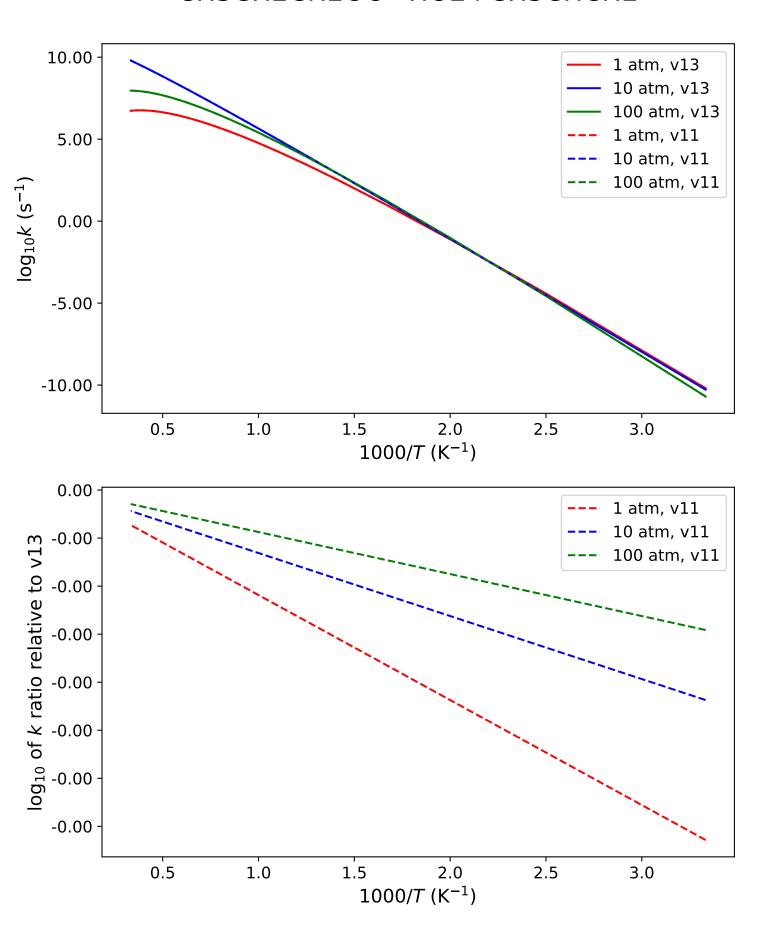
# CH3CHO+O=CH3CO+OH



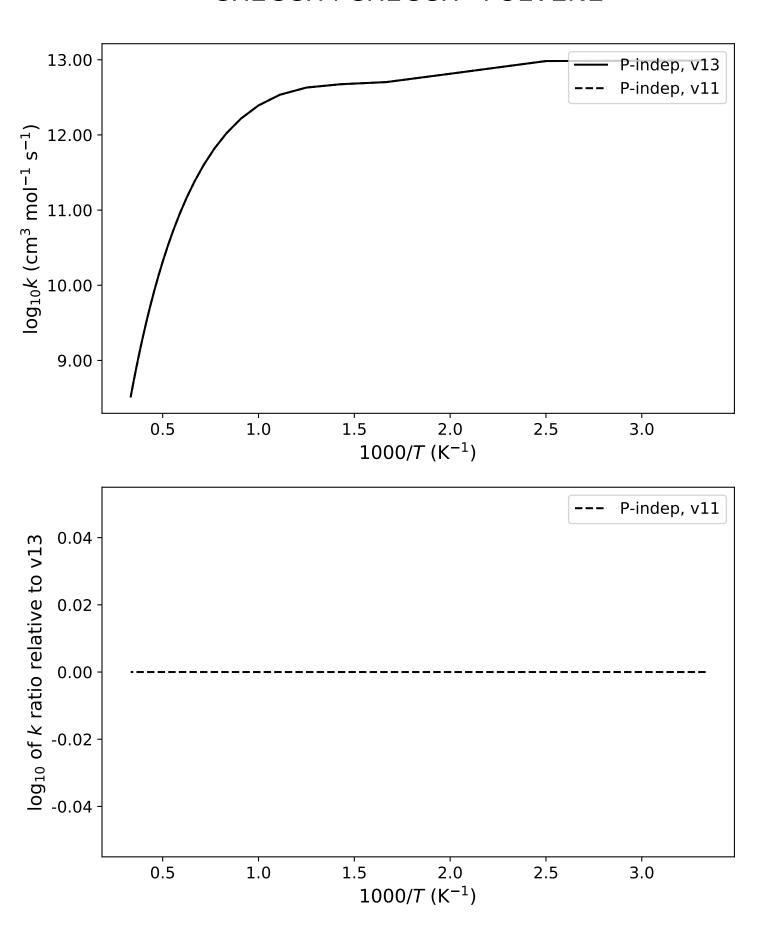
### CH3CHO+H=CH2CHO+H2



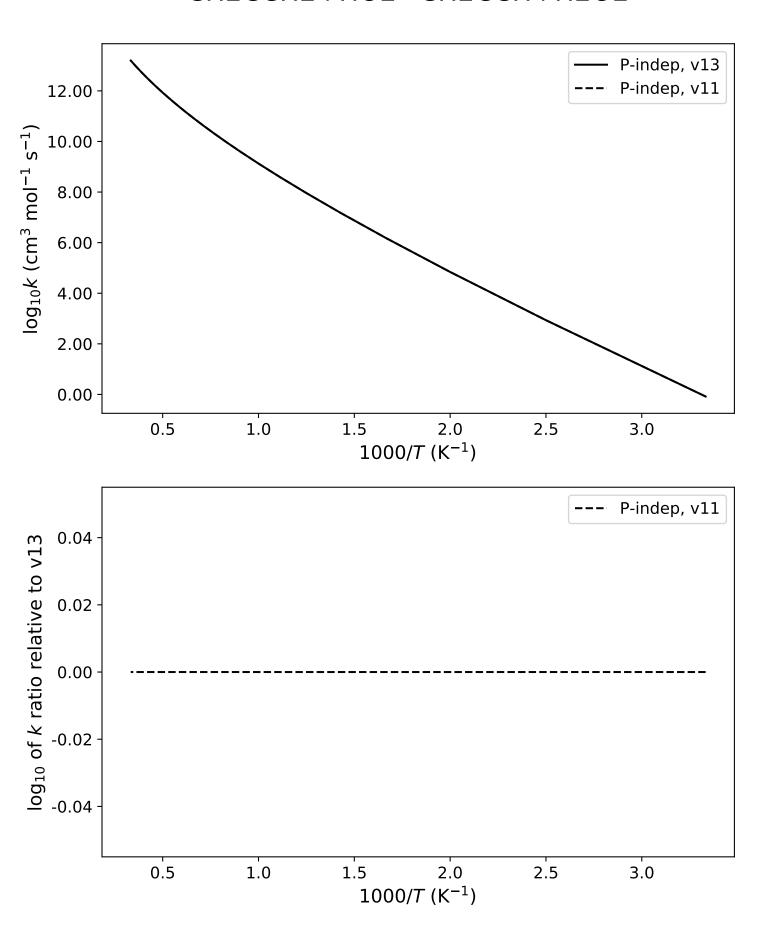
# CH3CH2CH2OO=HO2+CH3CHCH2



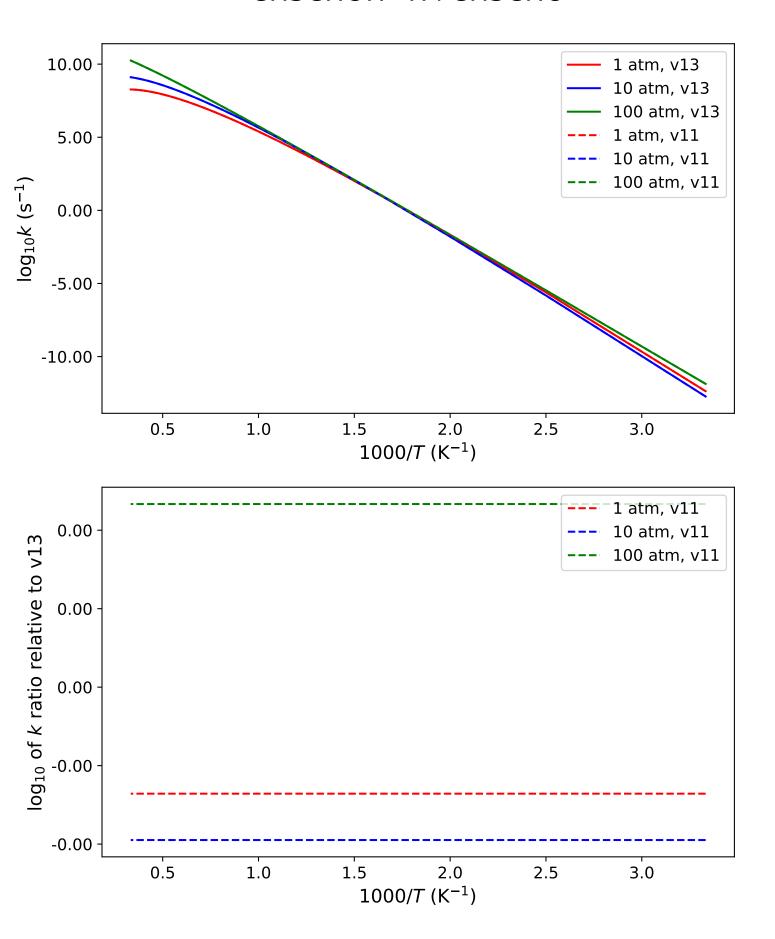
## CH2CCH+CH2CCH=FULVENE



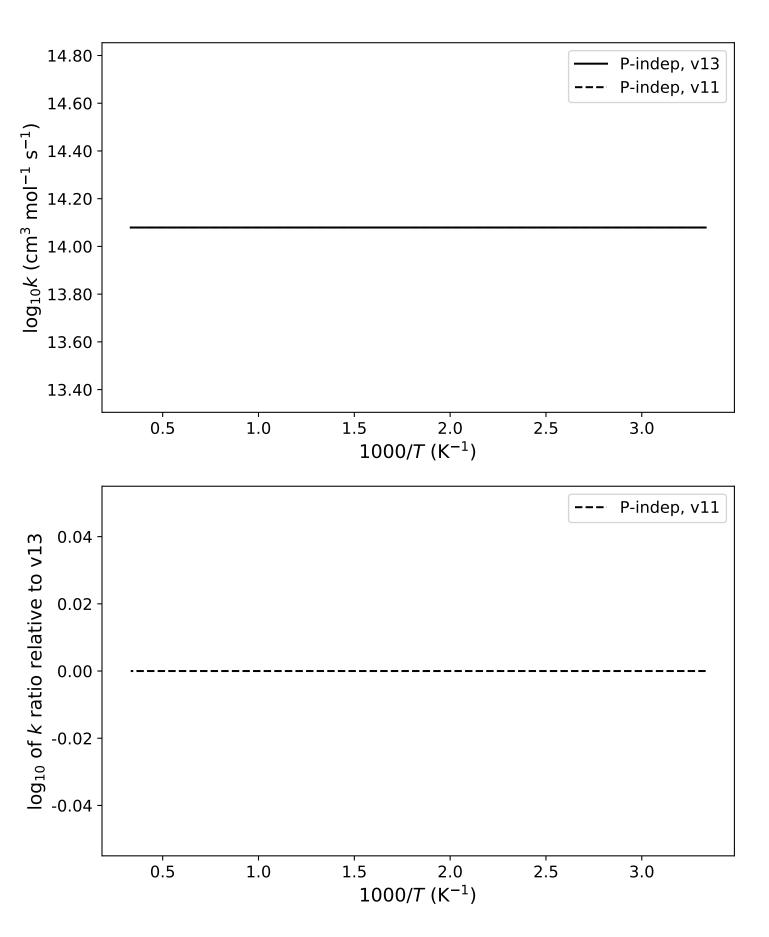
### CH2CCH2+HO2=CH2CCH+H2O2



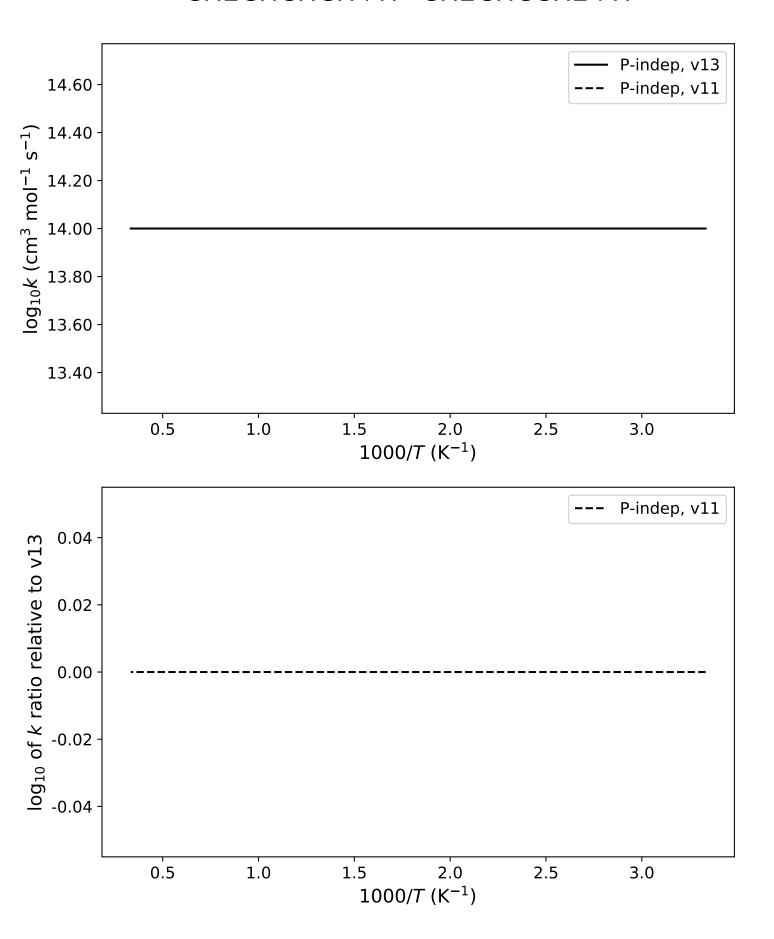
## CH3CHOH=H+CH3CHO



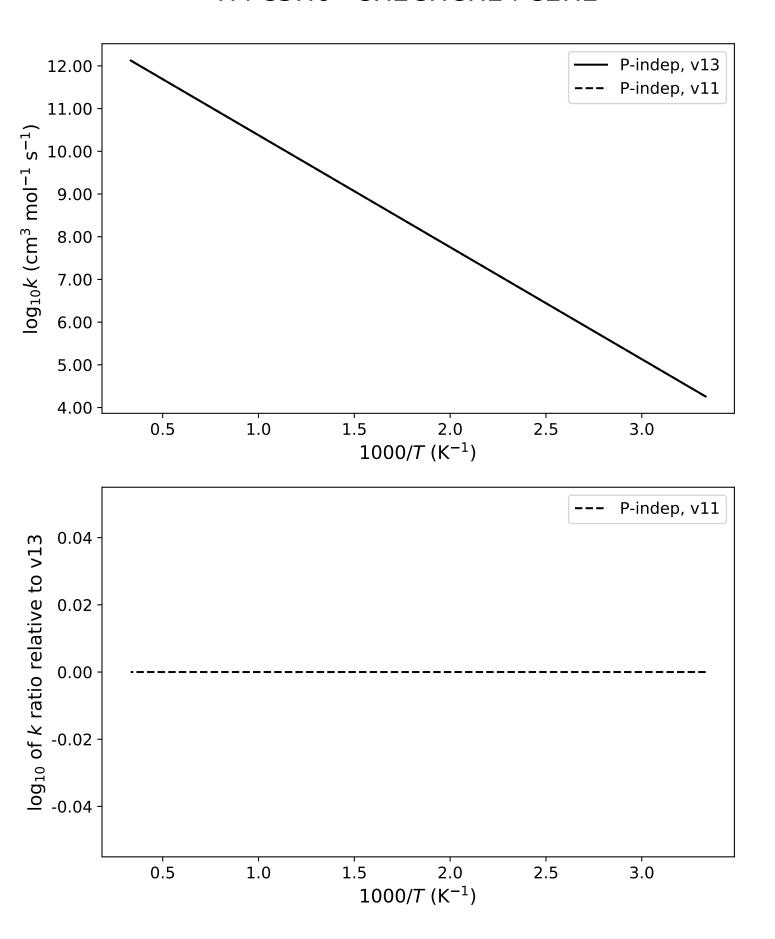
## CH2+H=CH+H2



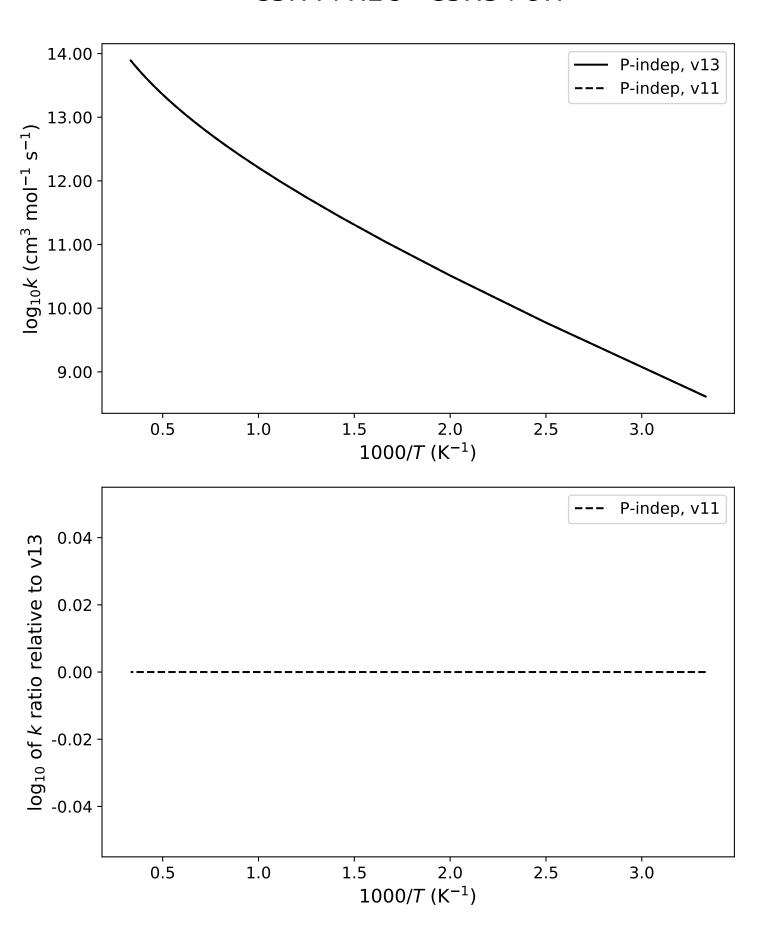
### CH2CHCHCH+H=CH2CHCCH2+H



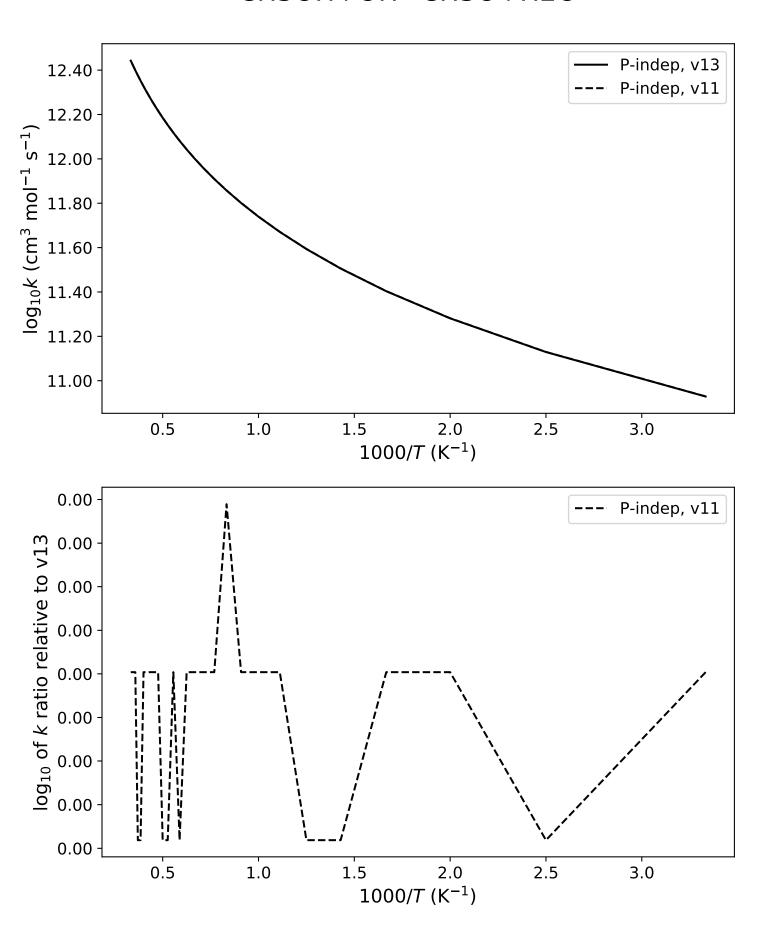
### H+C5H6=CH2CHCH2+C2H2



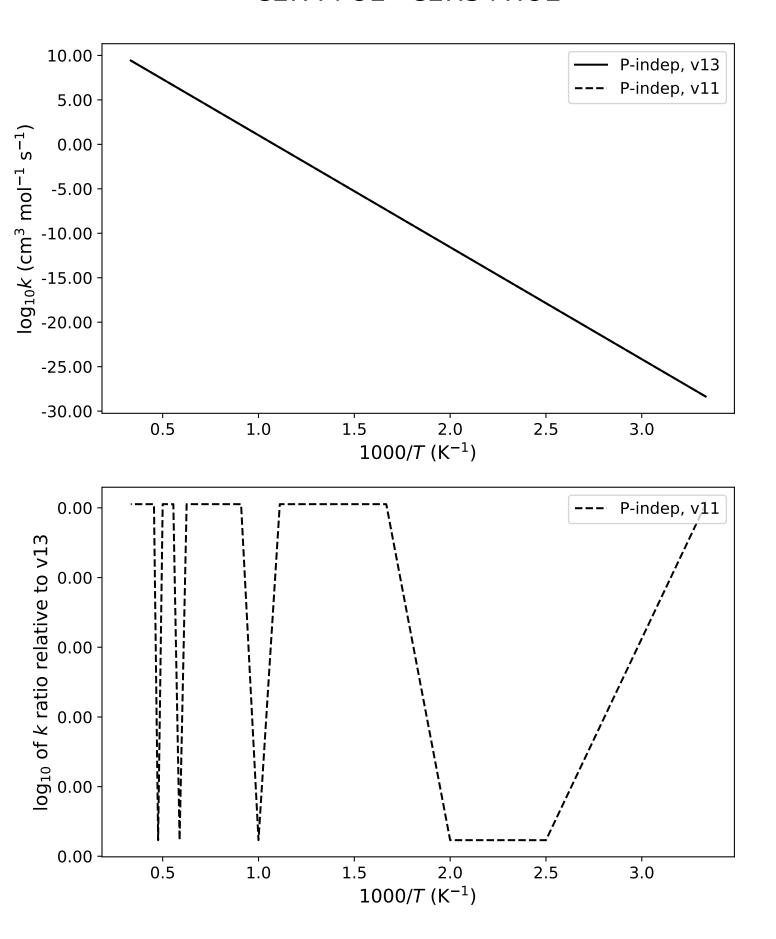
### C5H4+H2O=C5H5+OH



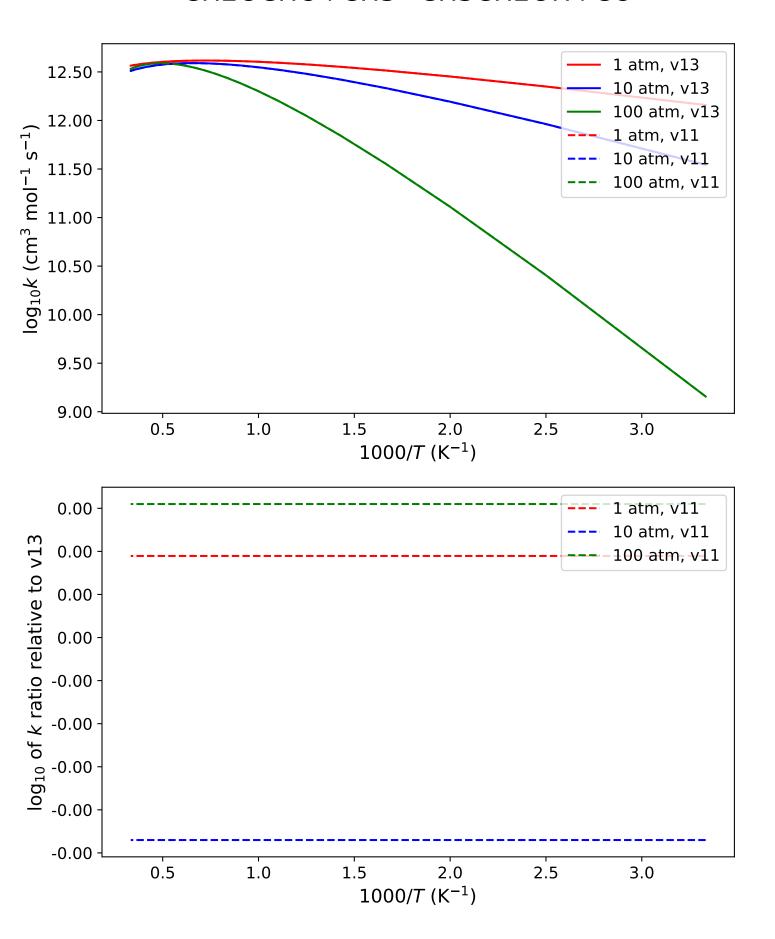
### CH3OH+OH=CH3O+H2O



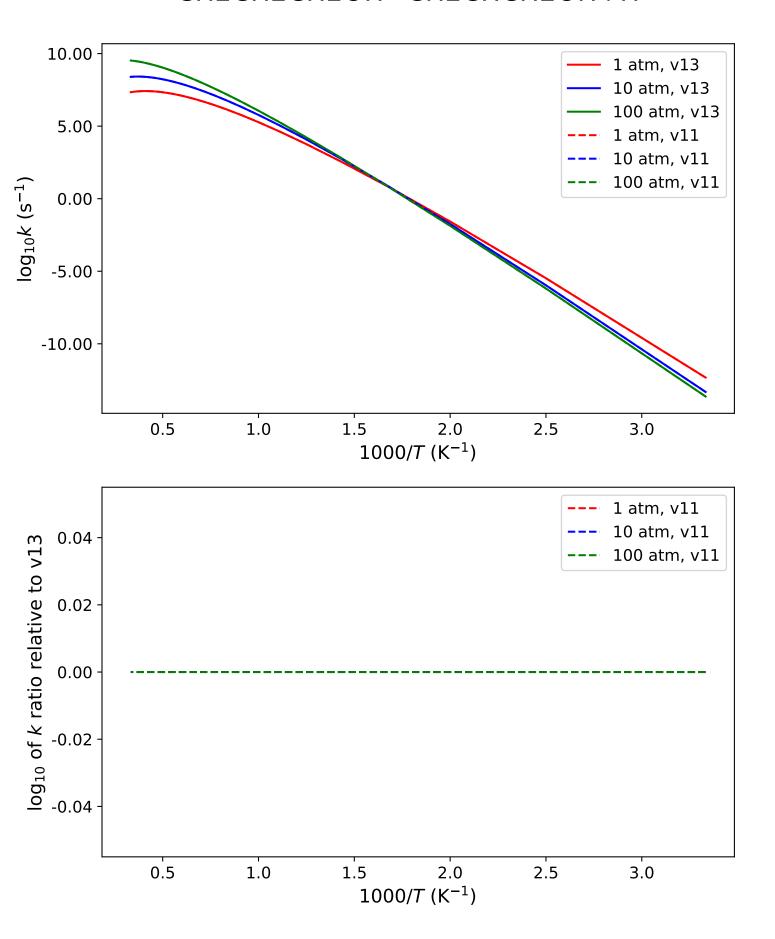
### C2H4+O2=C2H3+HO2



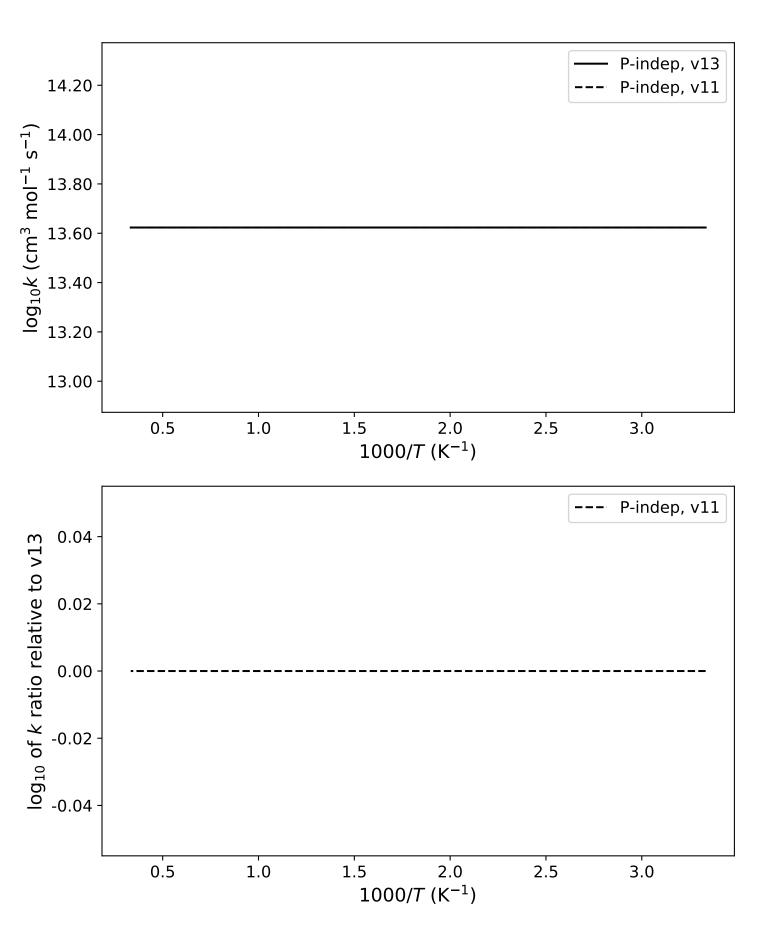
#### CH2OCHO+CH3=CH3CH2OH+CO



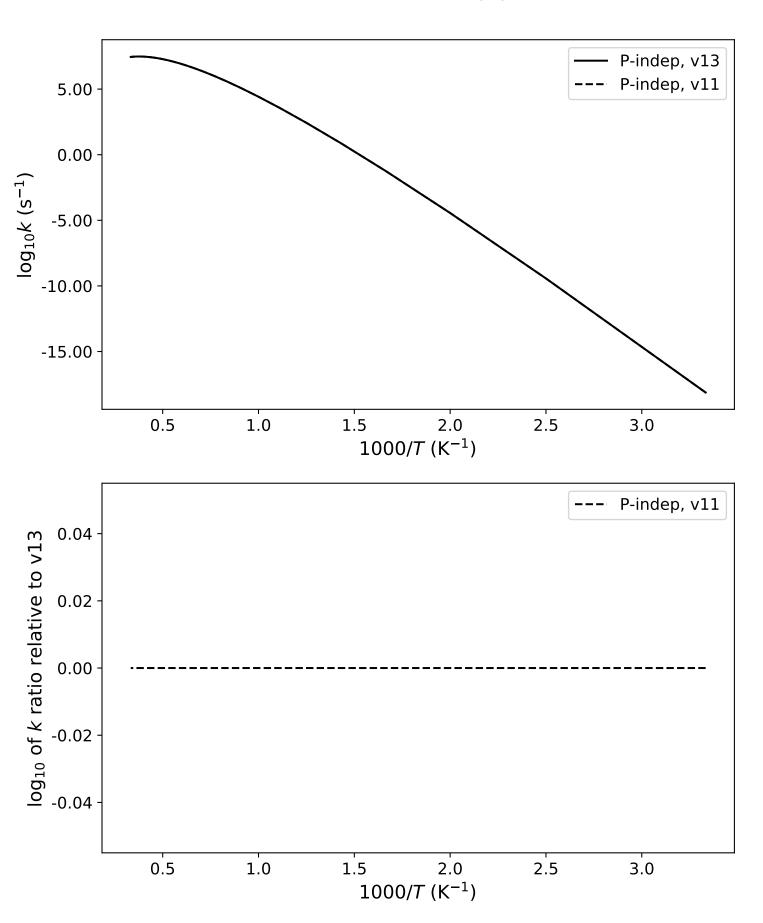
# CH2CH2CH2OH=CH2CHCH2OH+H



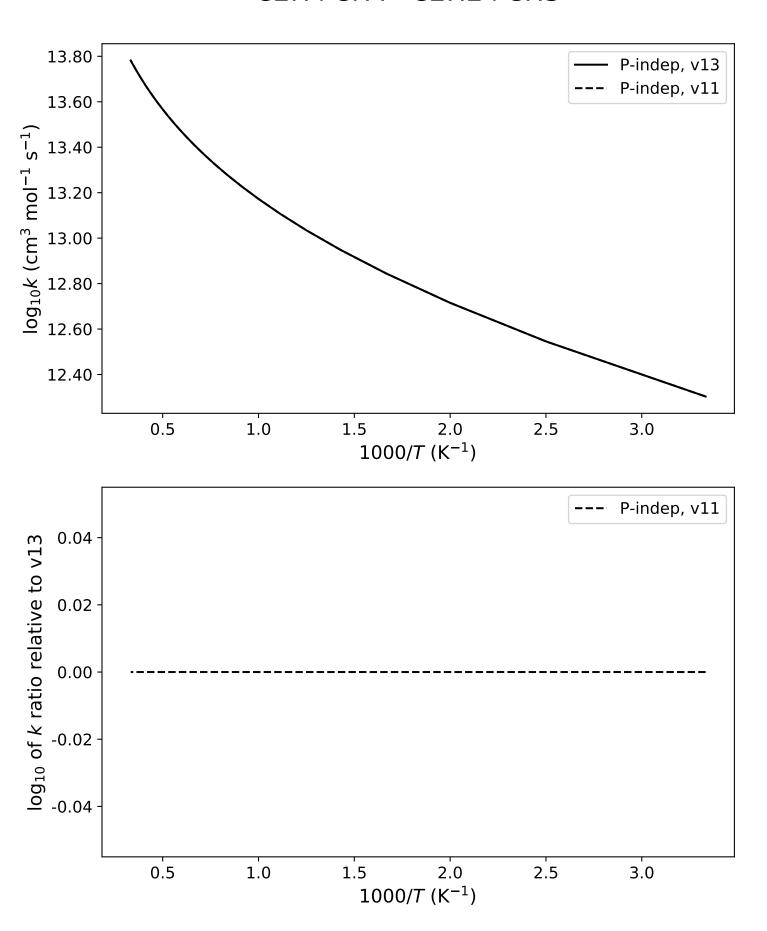
### C2H5+O=CH3+CH2O



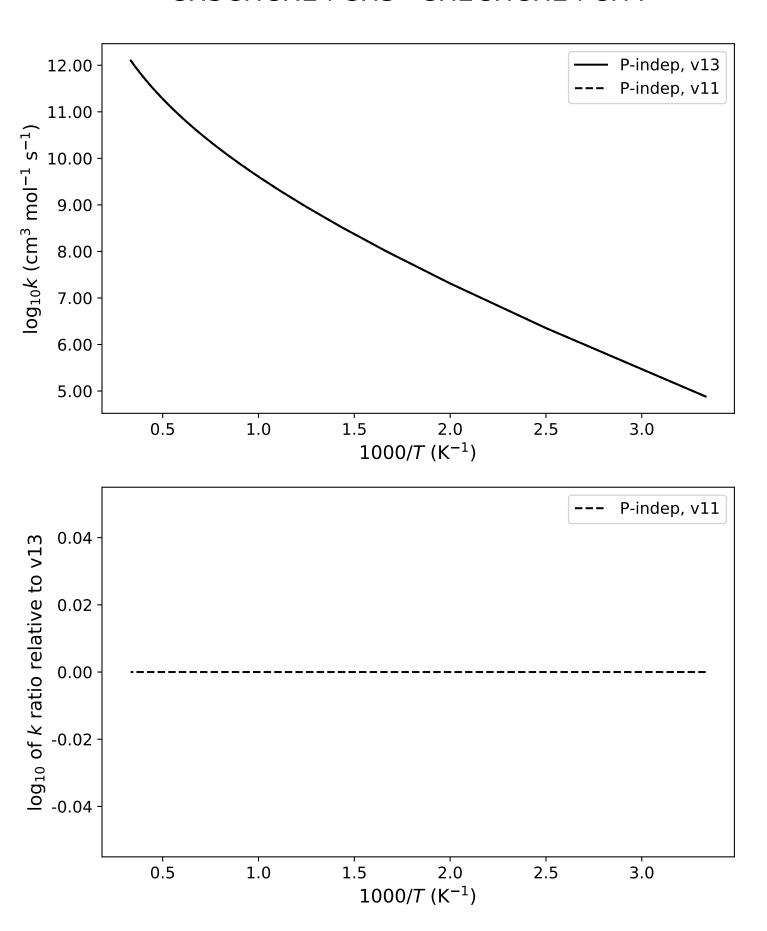
# C5H5=C5H5(L)



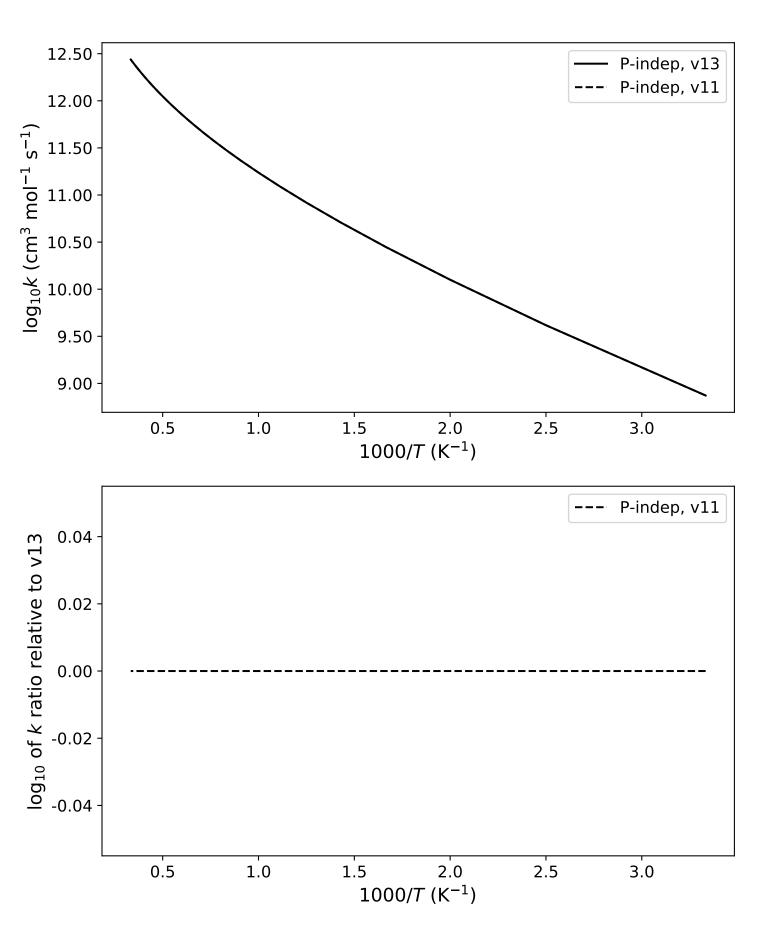
### C2H+CH4=C2H2+CH3



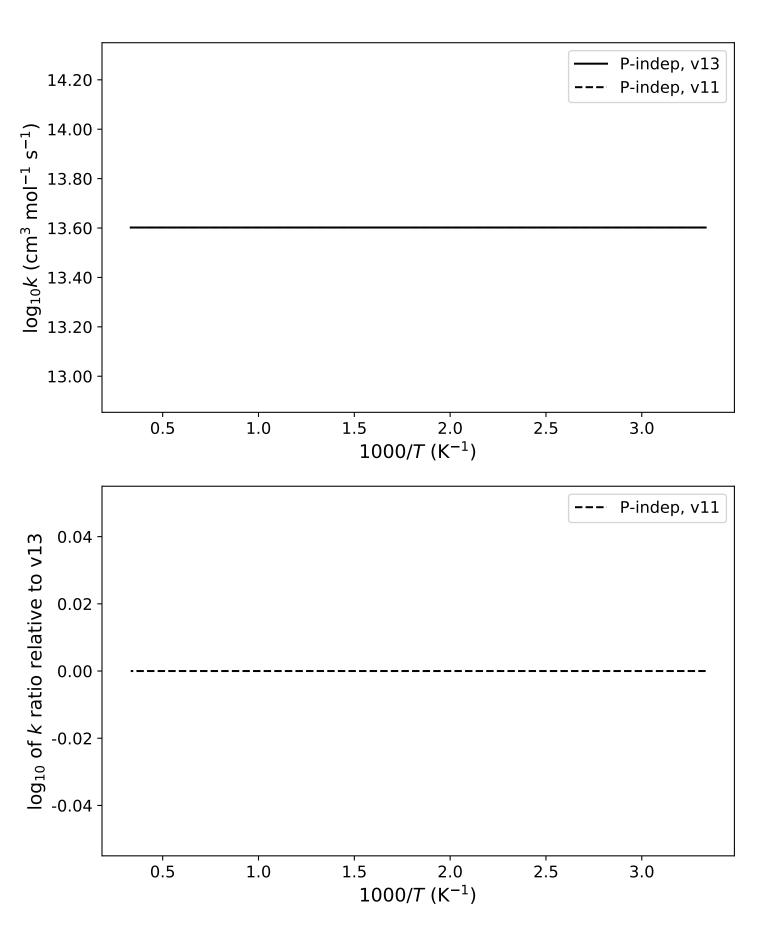
### CH3CHCH2+CH3=CH2CHCH2+CH4



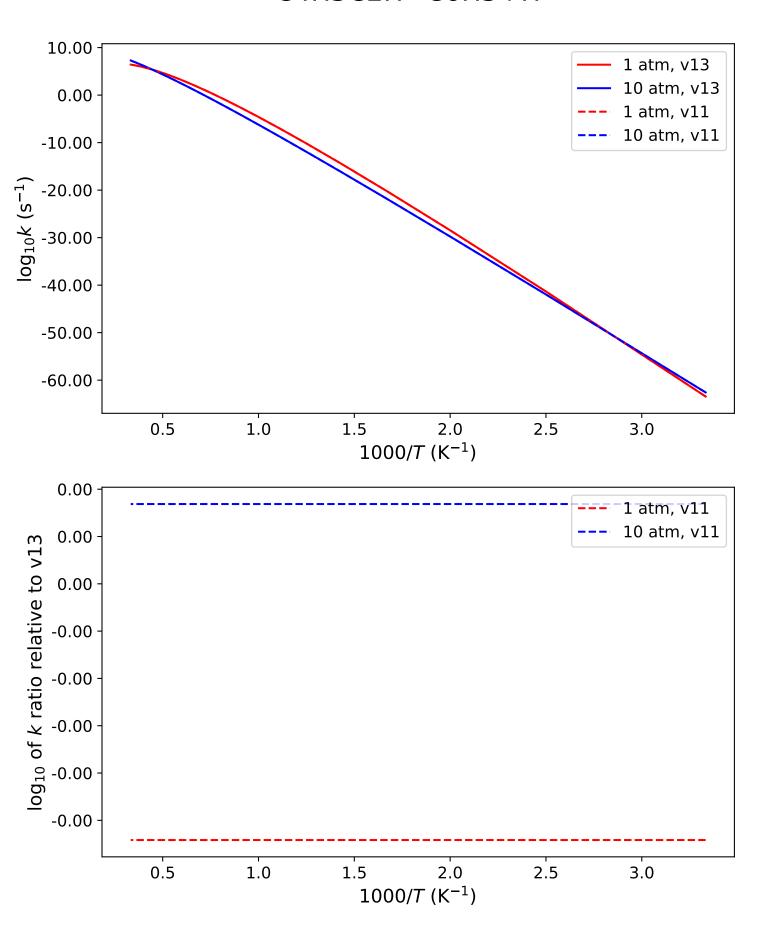
# CH3CHCH2+C2H3=CH2CHCHCH2+CH3



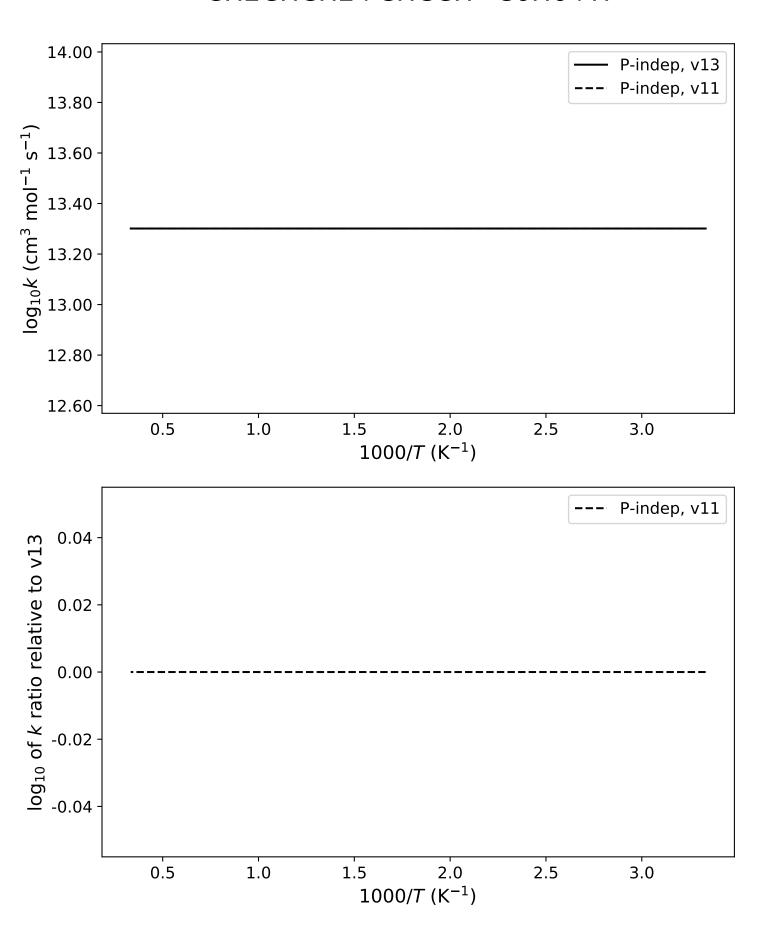
### CH3CO+O=CH2CO+OH



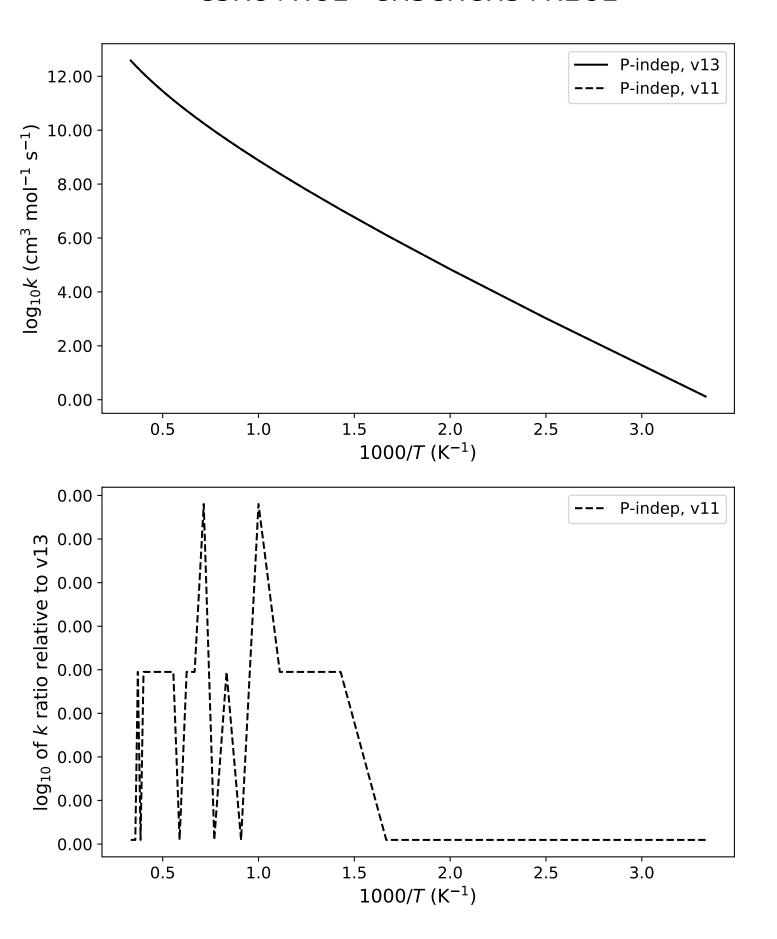
### C4H5C2H=C6H5+H



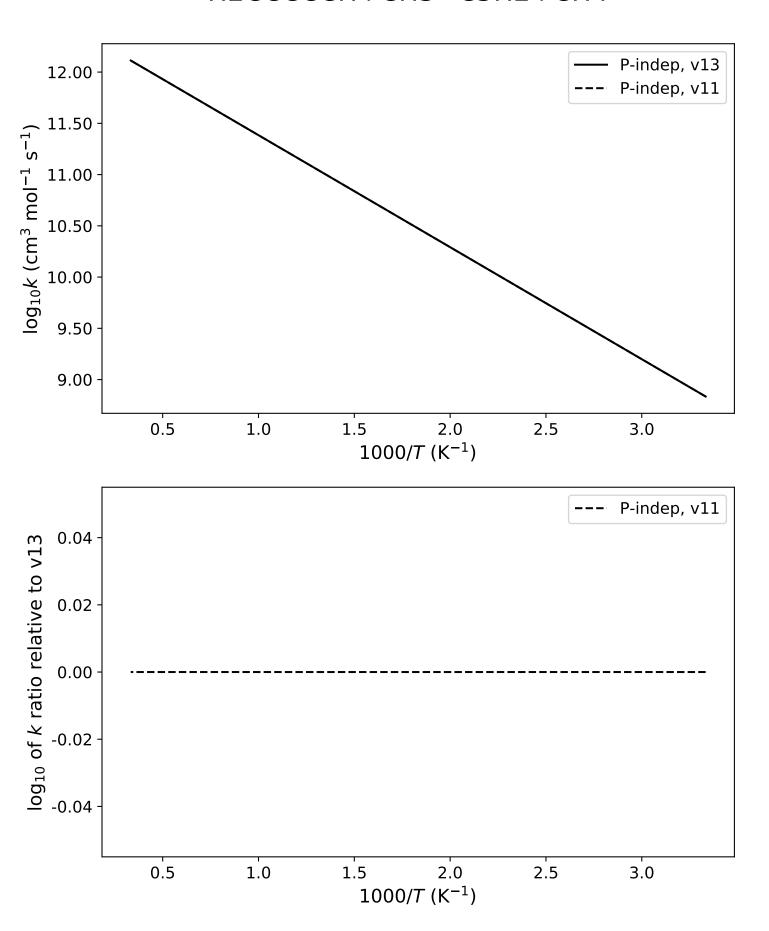
### CH2CHCH2+CHCCH=C6H6+H



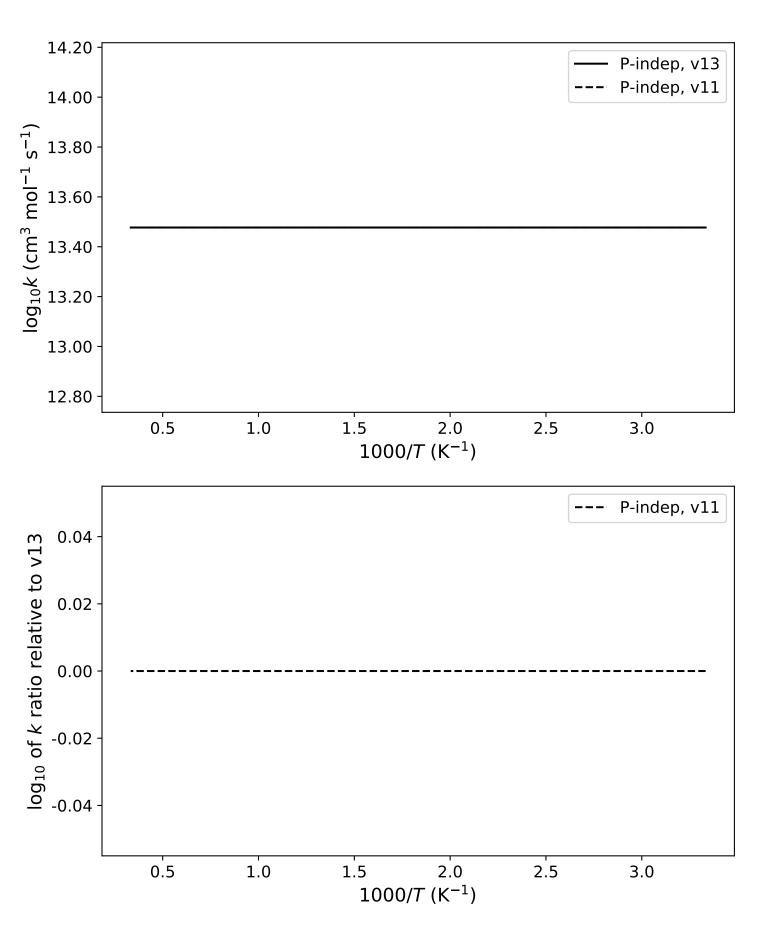
### C3H8+HO2=CH3CHCH3+H2O2



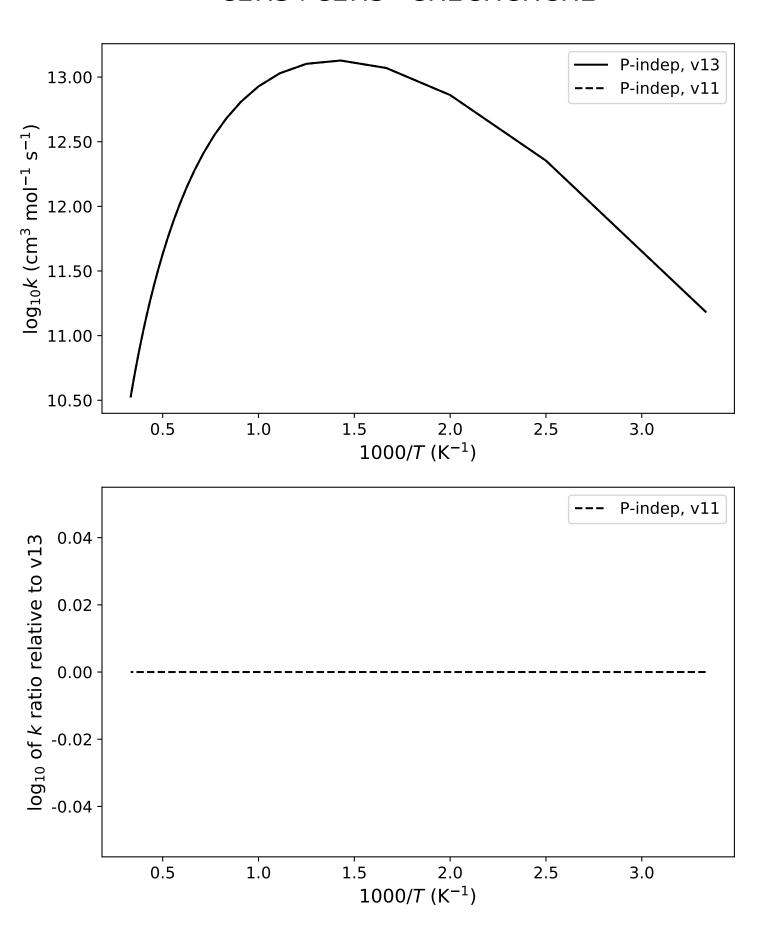
## H2CCCCCH+CH3=C5H2+CH4



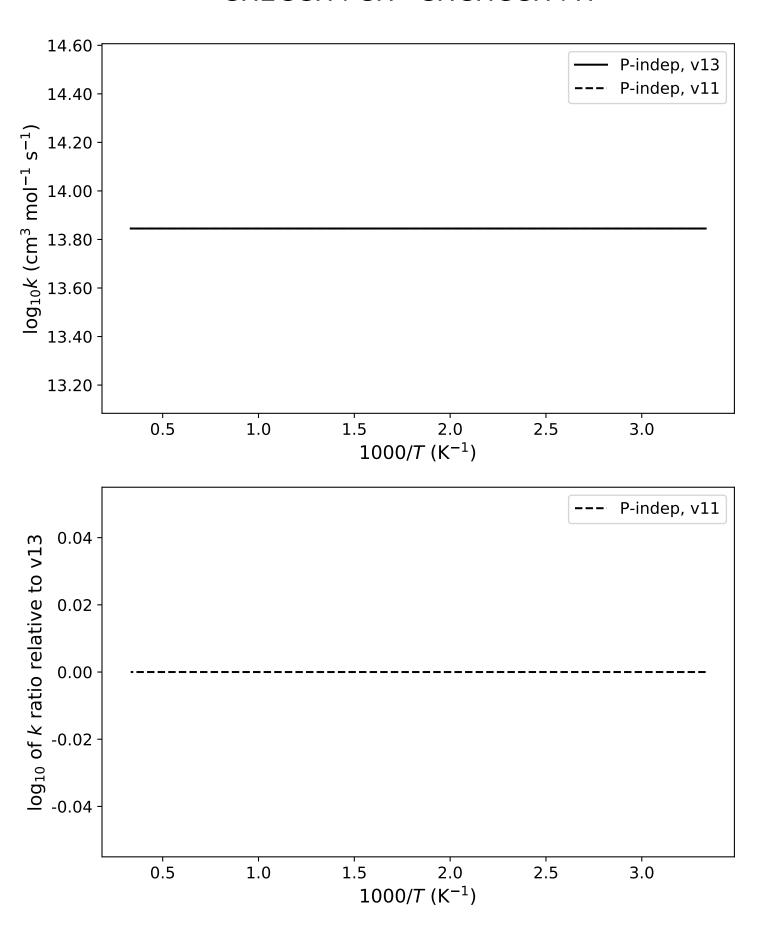
## CH3CH2O+H=CH3+CH2OH



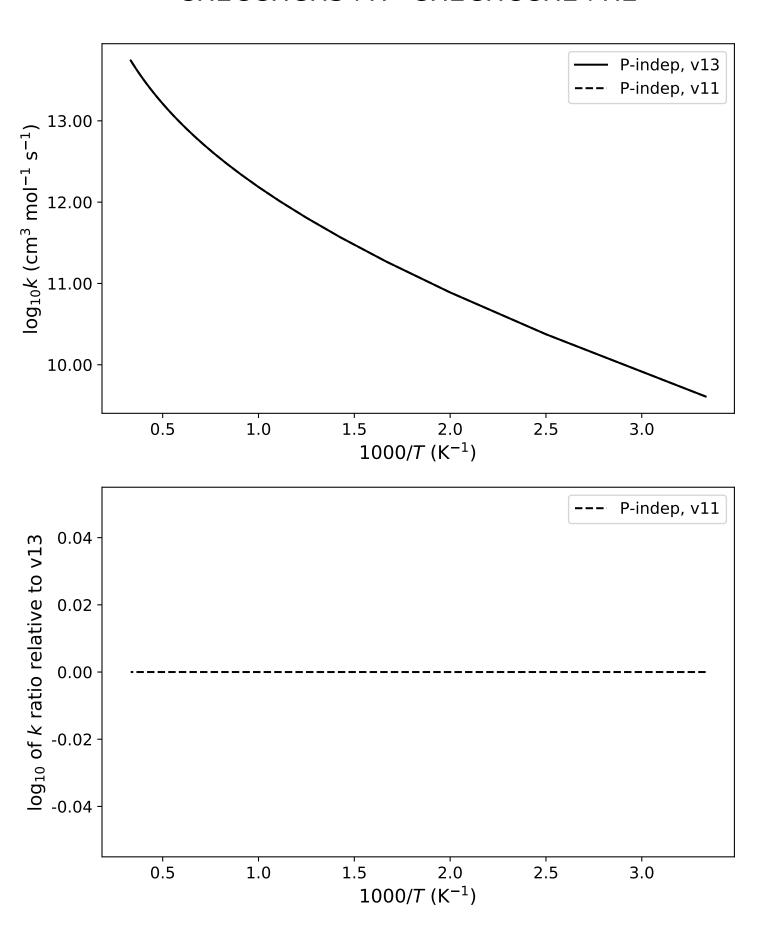
### C2H3+C2H3=CH2CHCHCH2



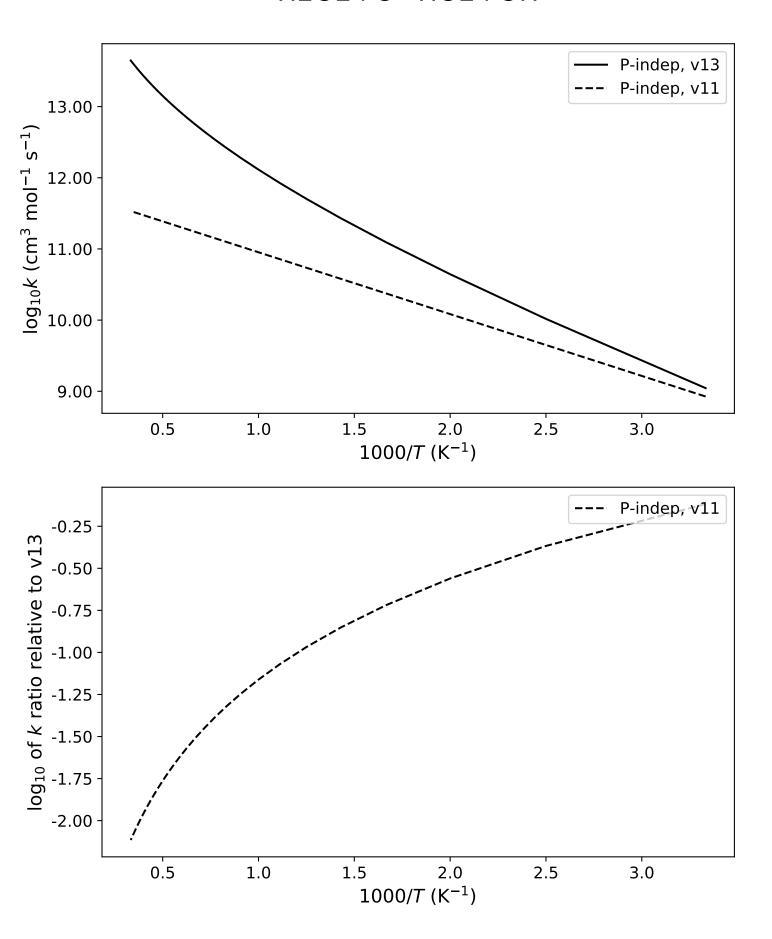
### CH2CCH+CH=CHCHCCH+H



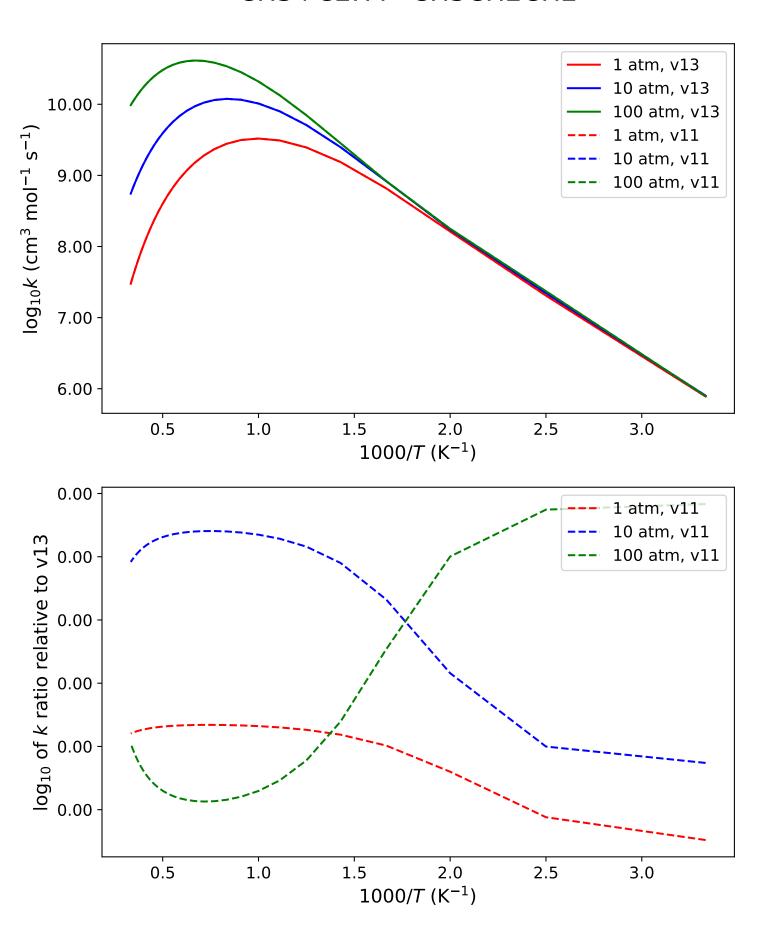
### CH2CCHCH3+H=CH2CHCCH2+H2



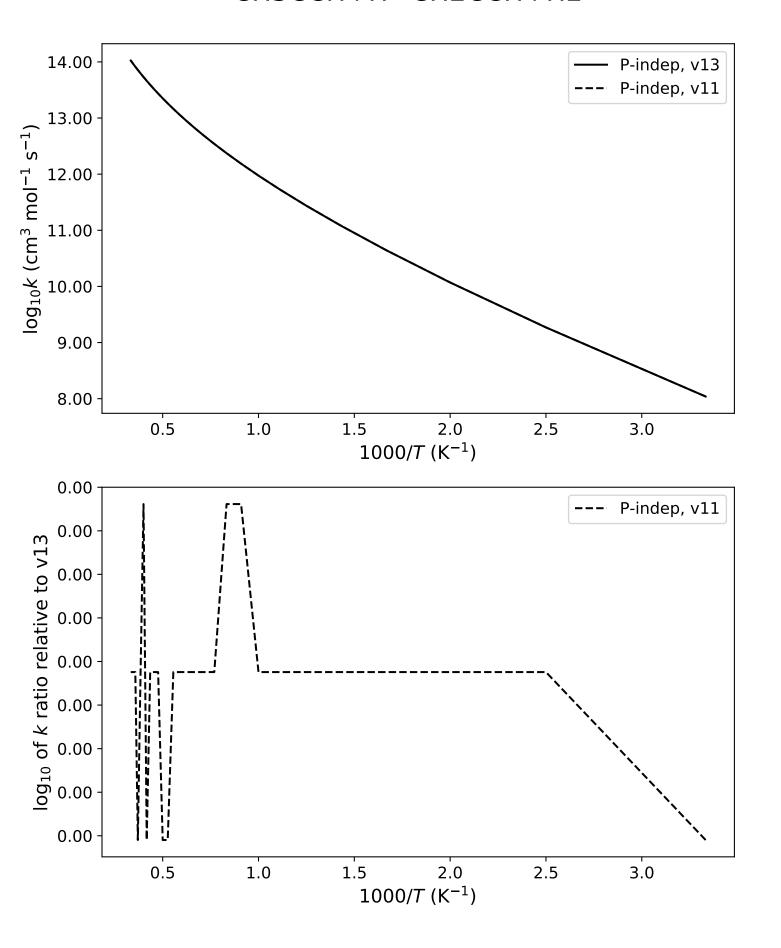
# H2O2+O=HO2+OH



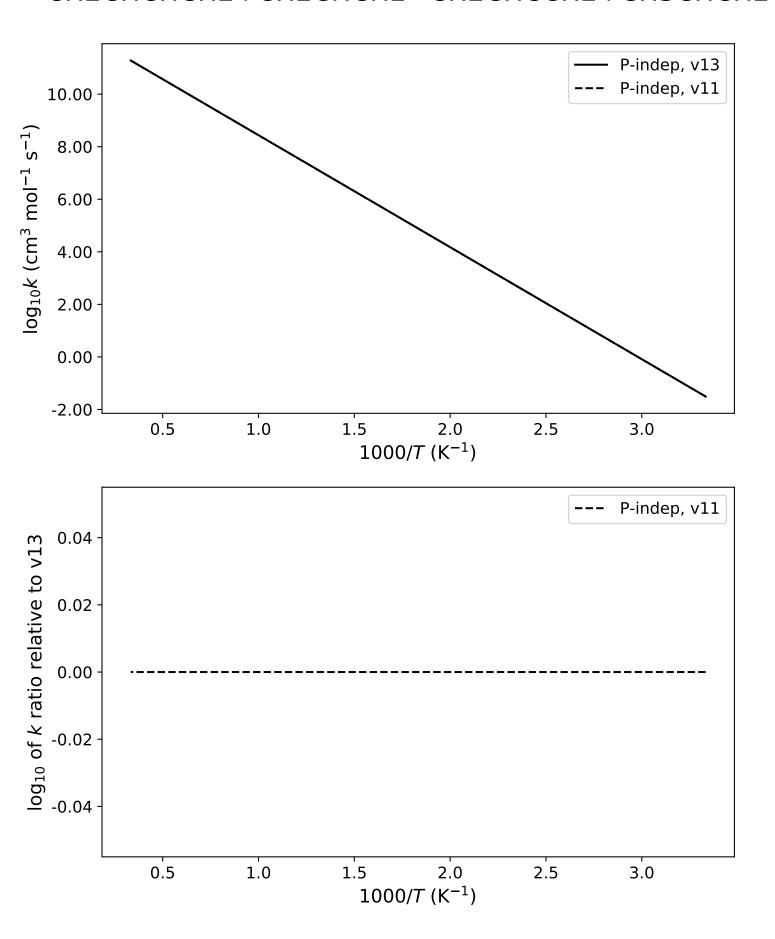
### CH3+C2H4=CH3CH2CH2



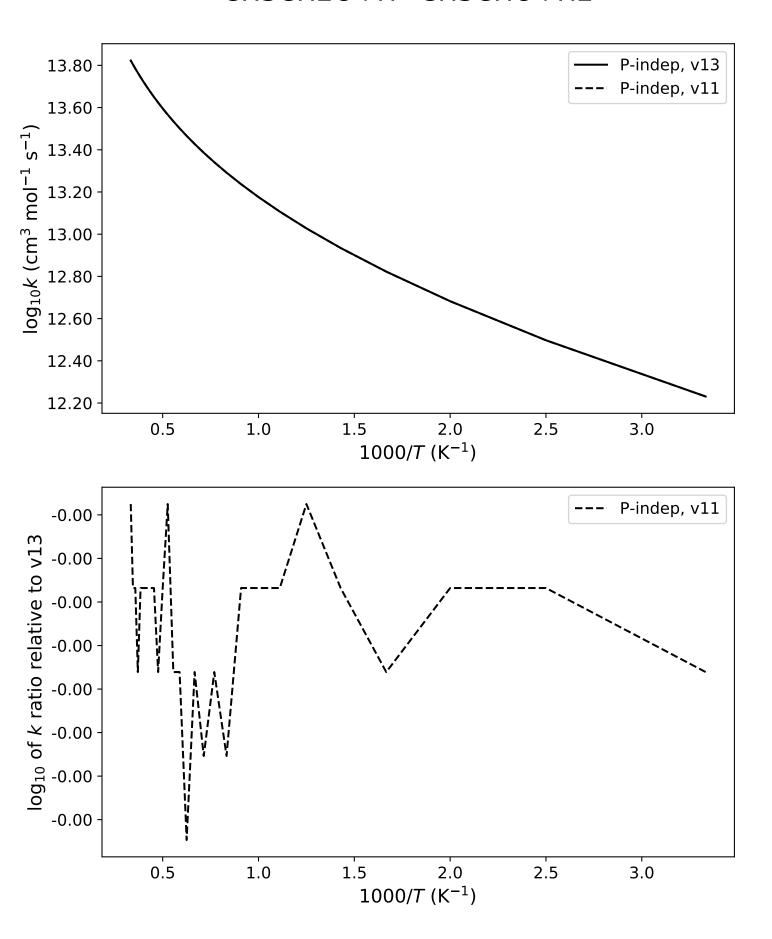
### CH3CCH+H=CH2CCH+H2



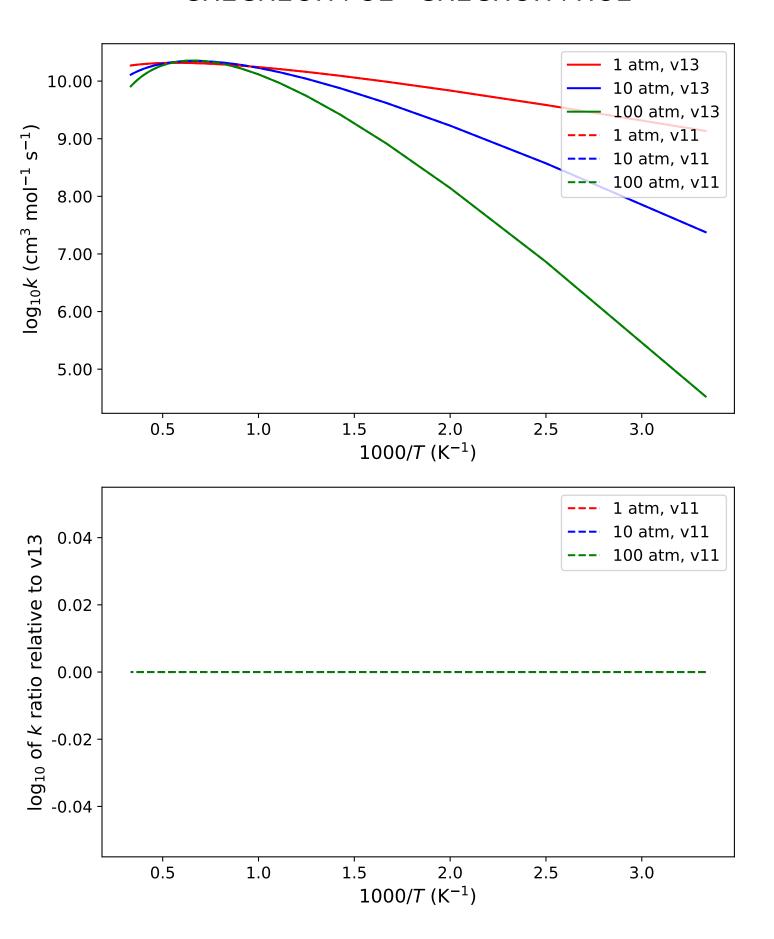
#### CH2CHCHCH2+CH2CHCH2=CH2CHCCH2+CH3CHCH2



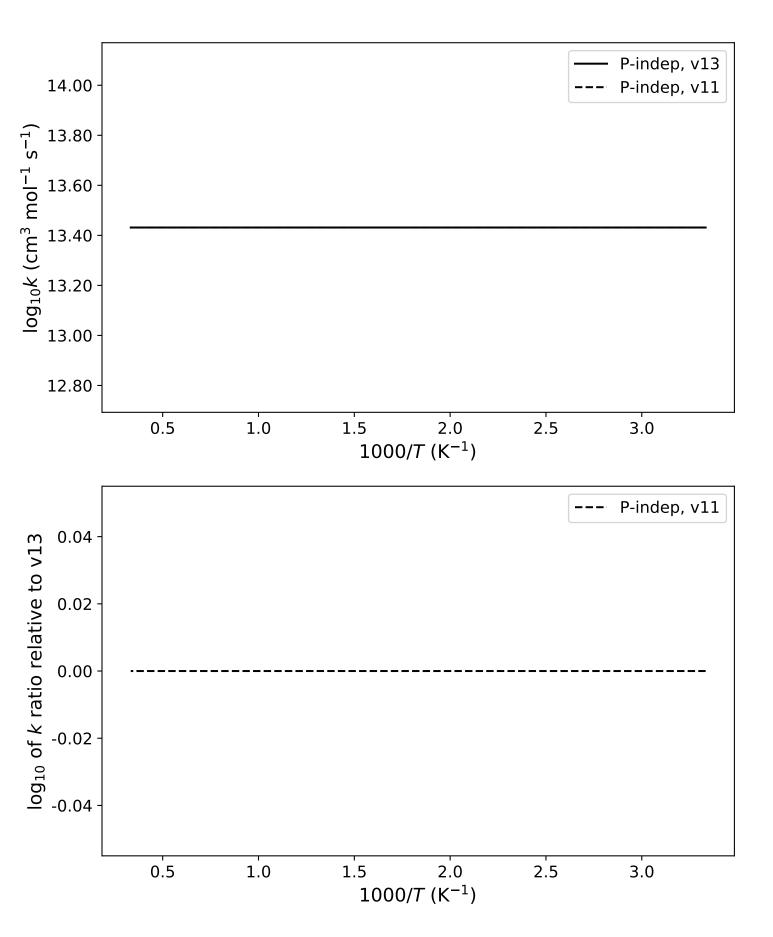
### CH3CH2O+H=CH3CHO+H2



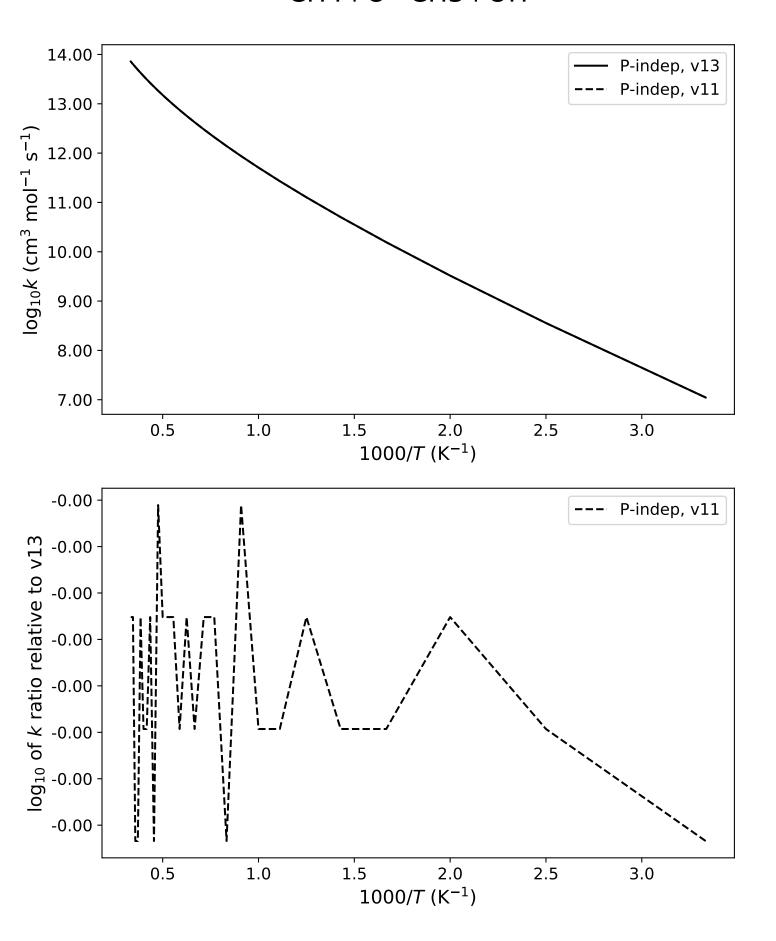
#### CH2CH2OH+O2=CH2CHOH+HO2



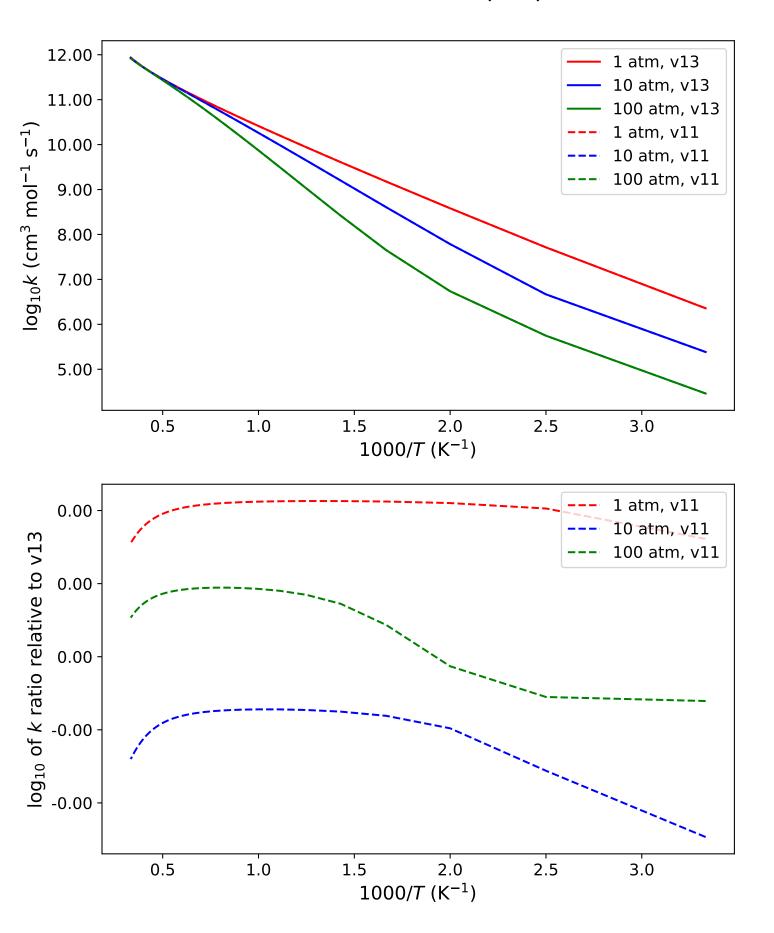
# HCO+HCO=CO+CH2O



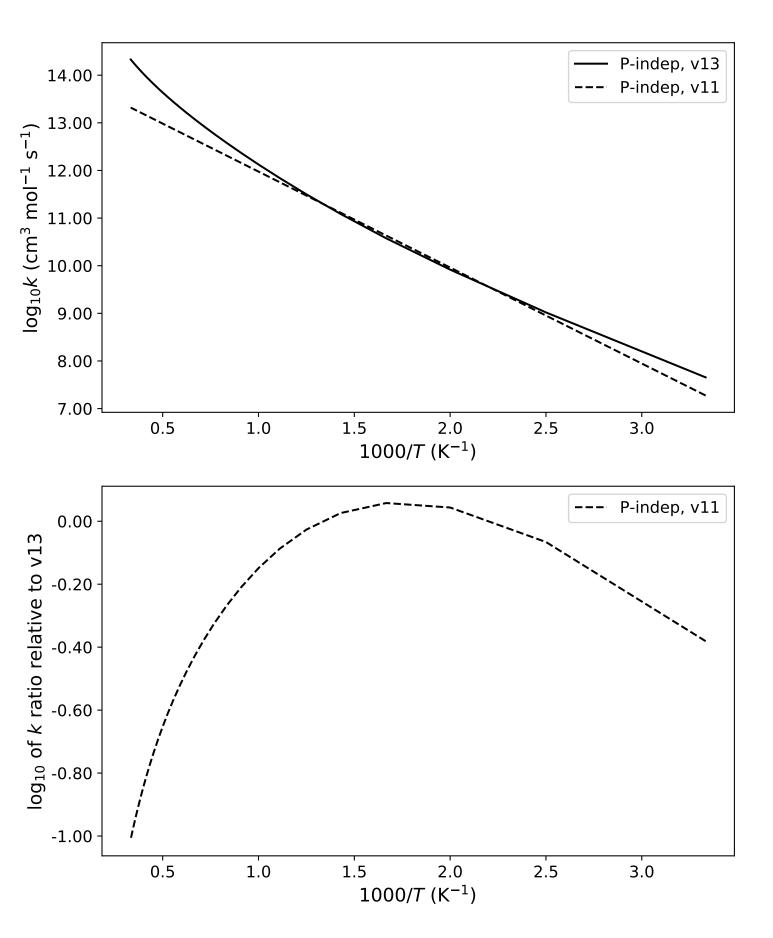
### CH4+O=CH3+OH



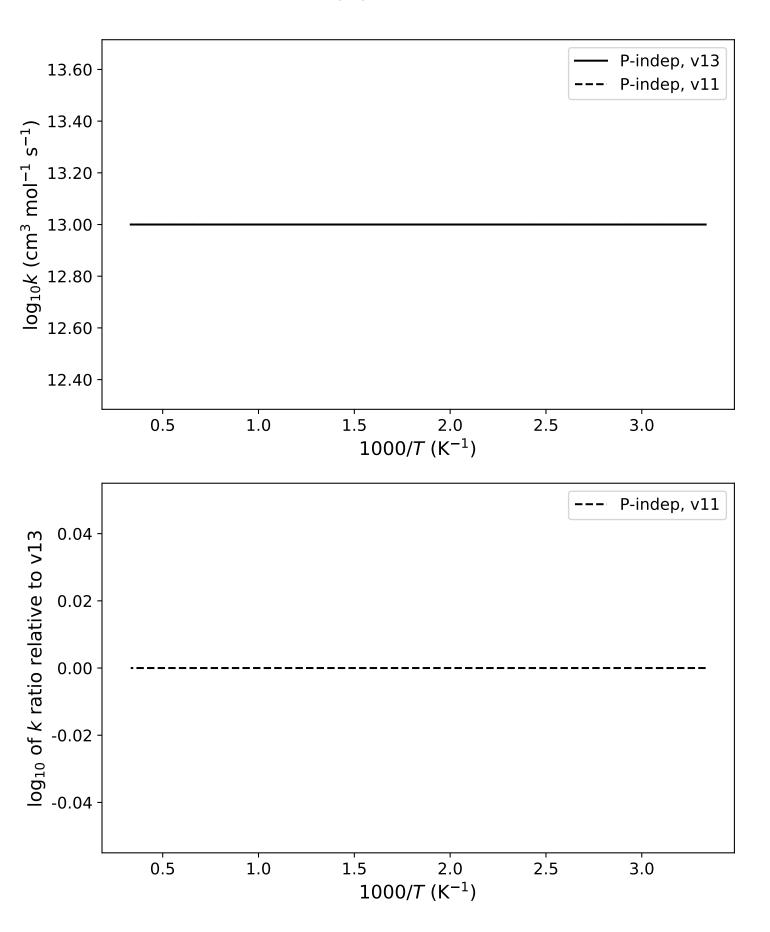
### CH3CHCH2+OH=CH3C(OH)CH2+H



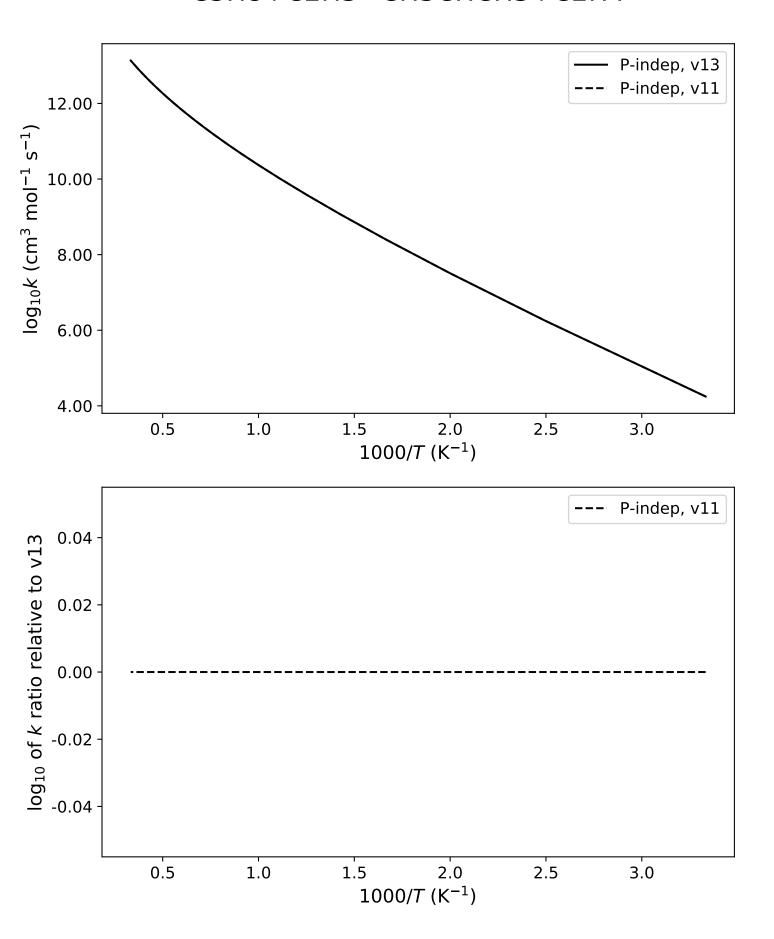
### C2H6+H=C2H5+H2



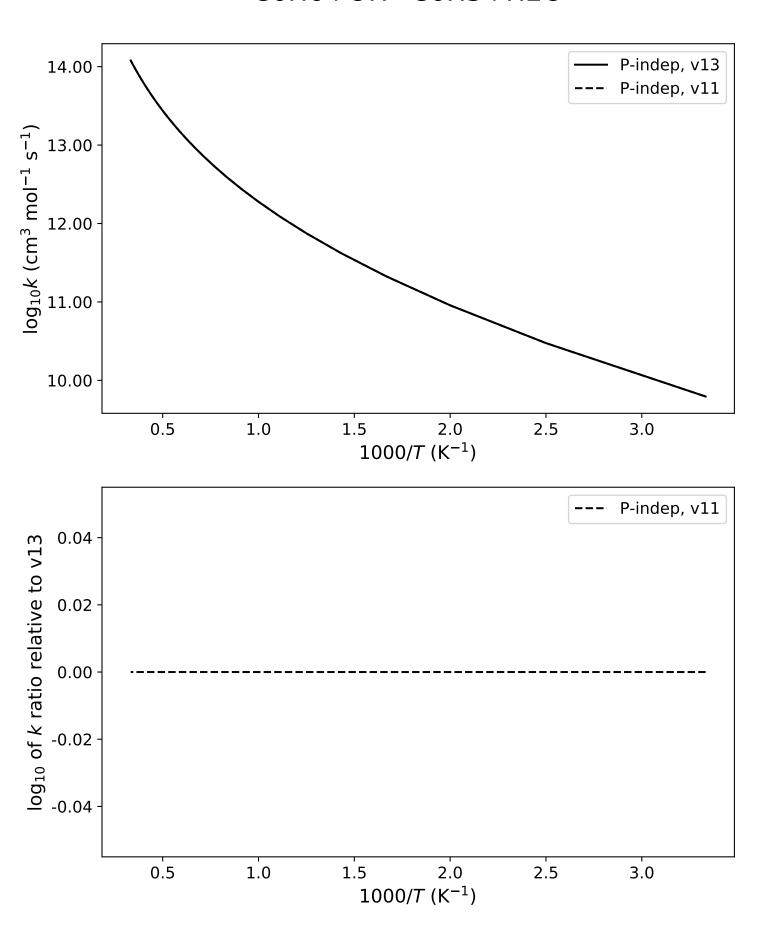
# CHCCH(S)+M=CHCCH+M



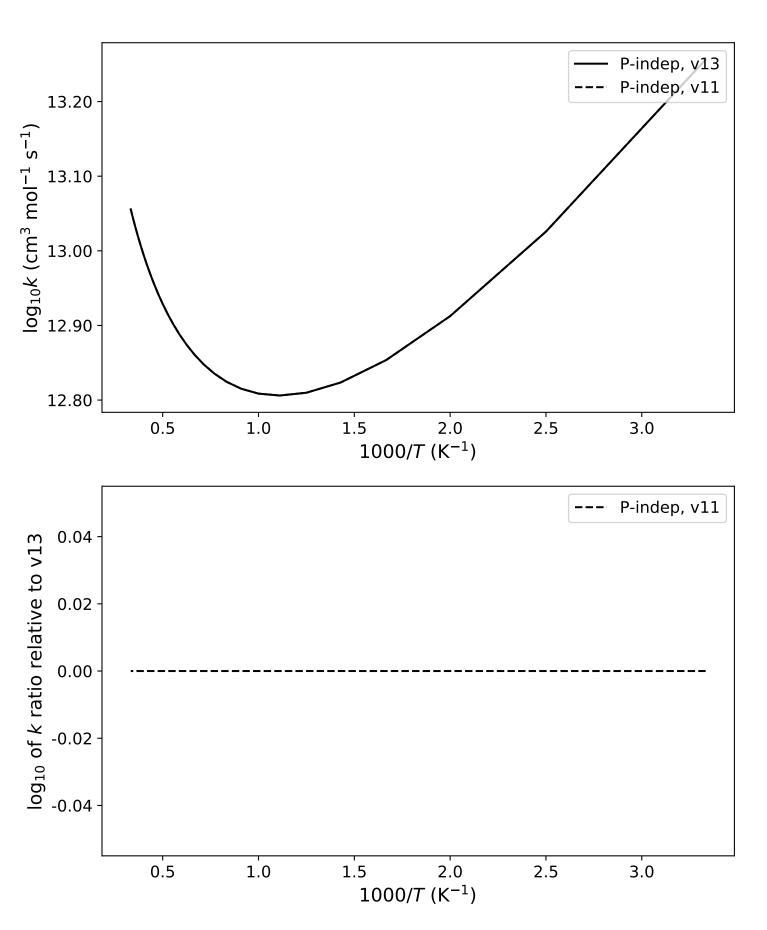
### C3H8+C2H3=CH3CHCH3+C2H4



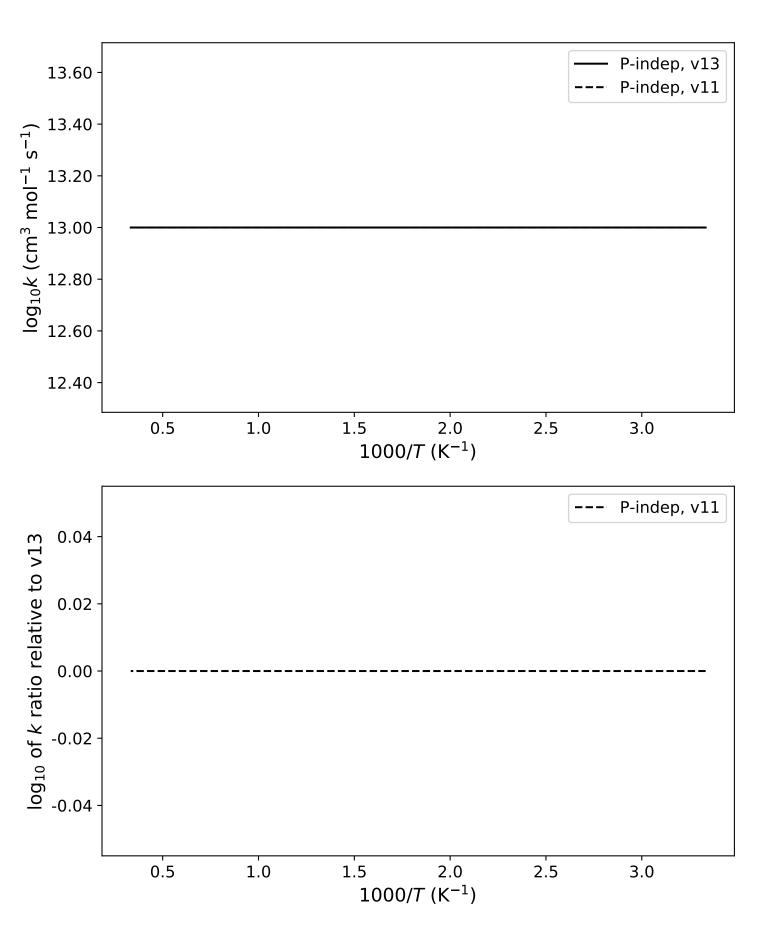
### C6H6+OH=C6H5+H2O



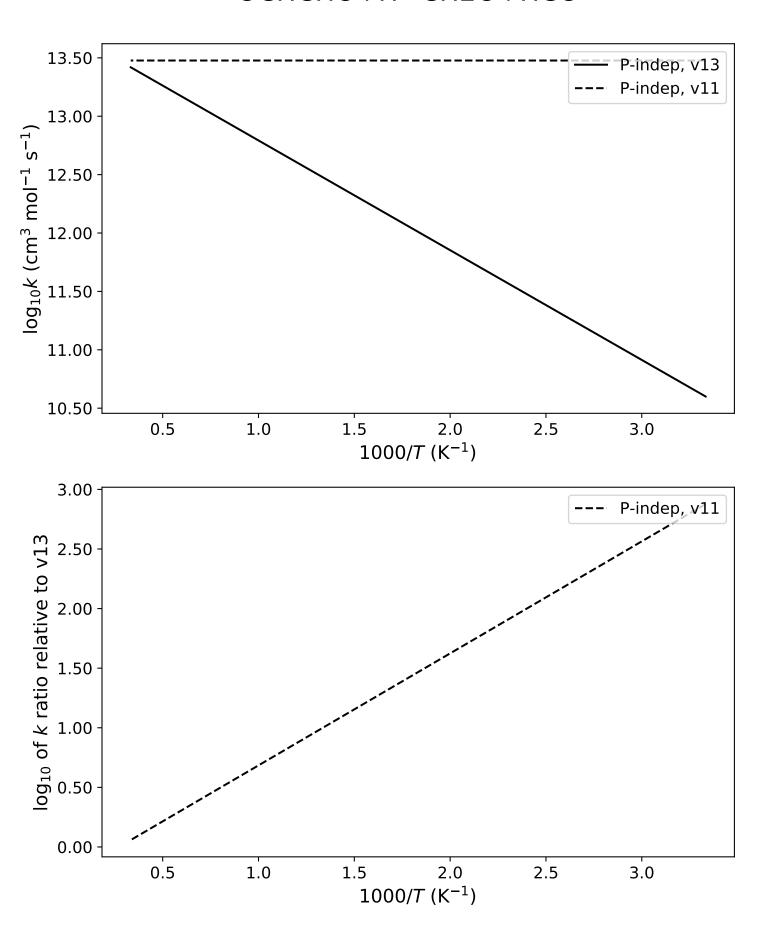
# CH+H2O=CH2O+H



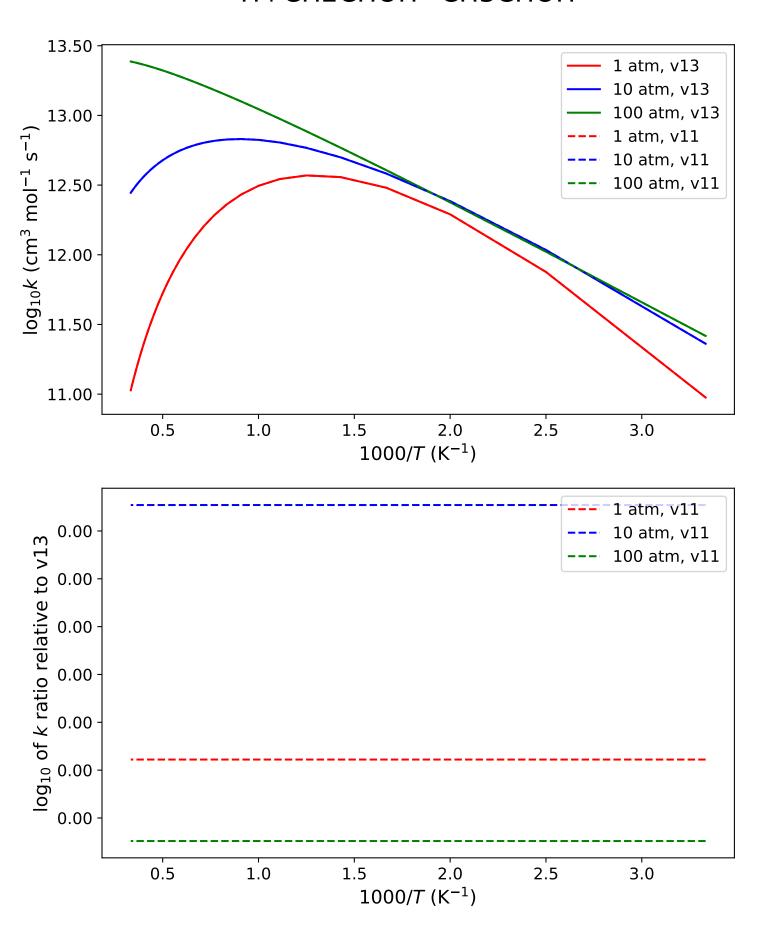
### HCCO+HCCO=C2H2+CO+CO



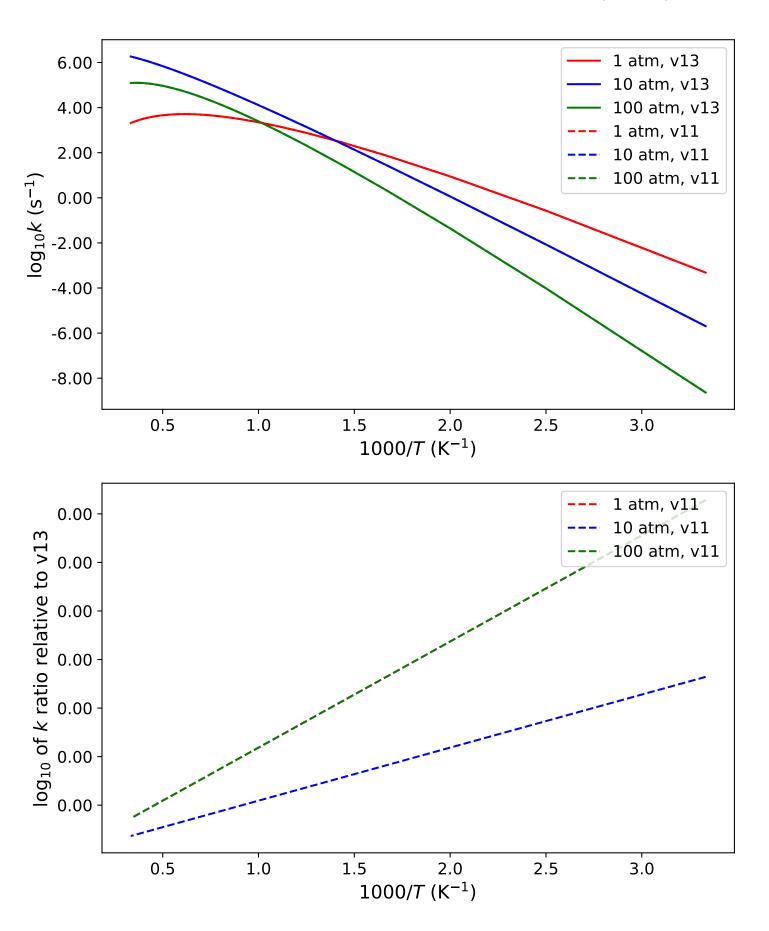
### OCHCHO+H=CH2O+HCO



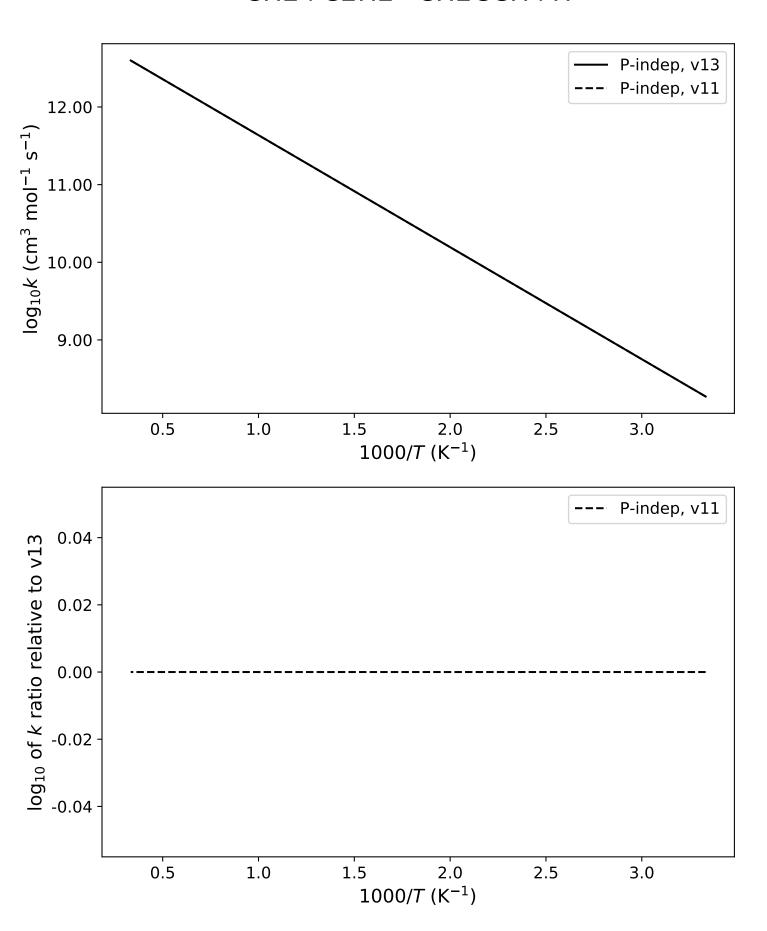
### H+CH2CHOH=CH3CHOH



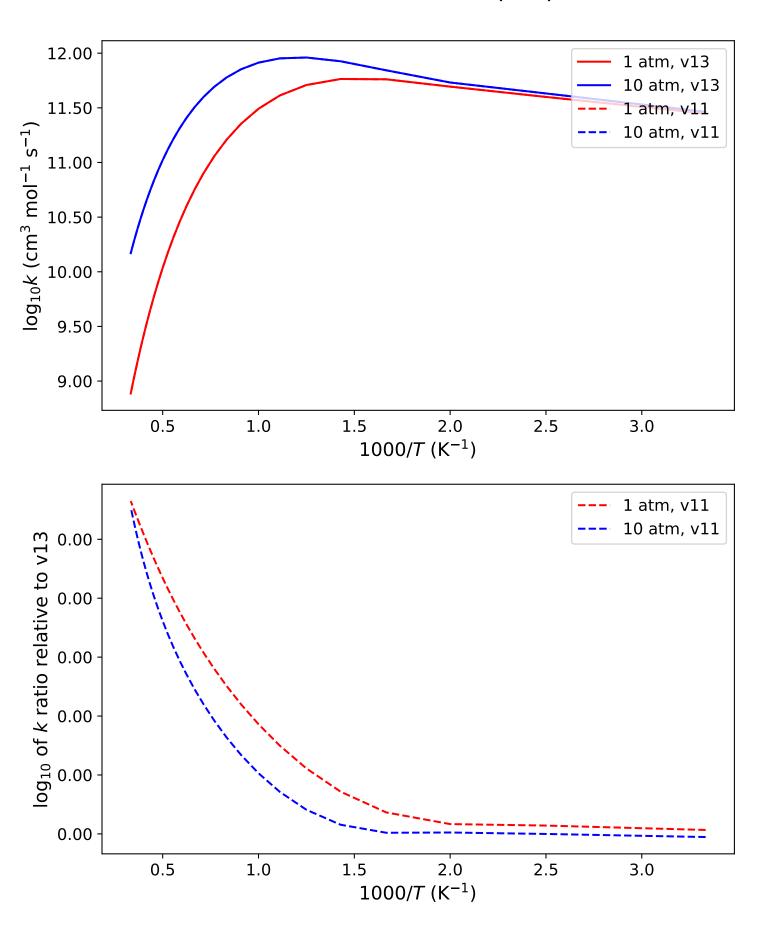
## CH2CH2CH2OOH=OH+c-CH2OCH(CH3)



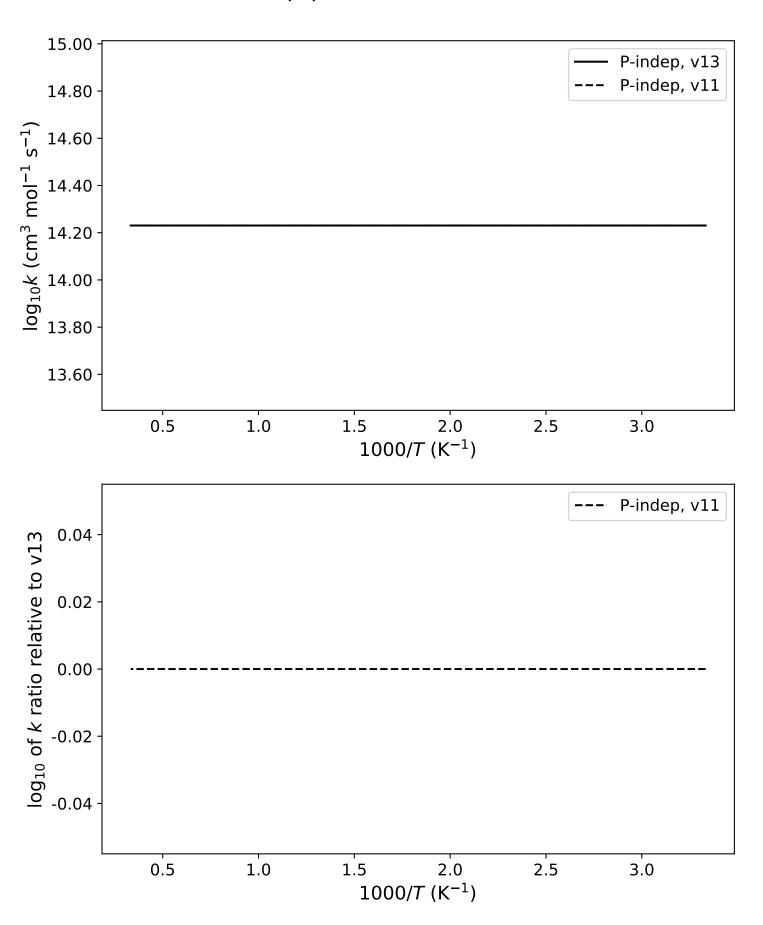
### CH2+C2H2=CH2CCH+H



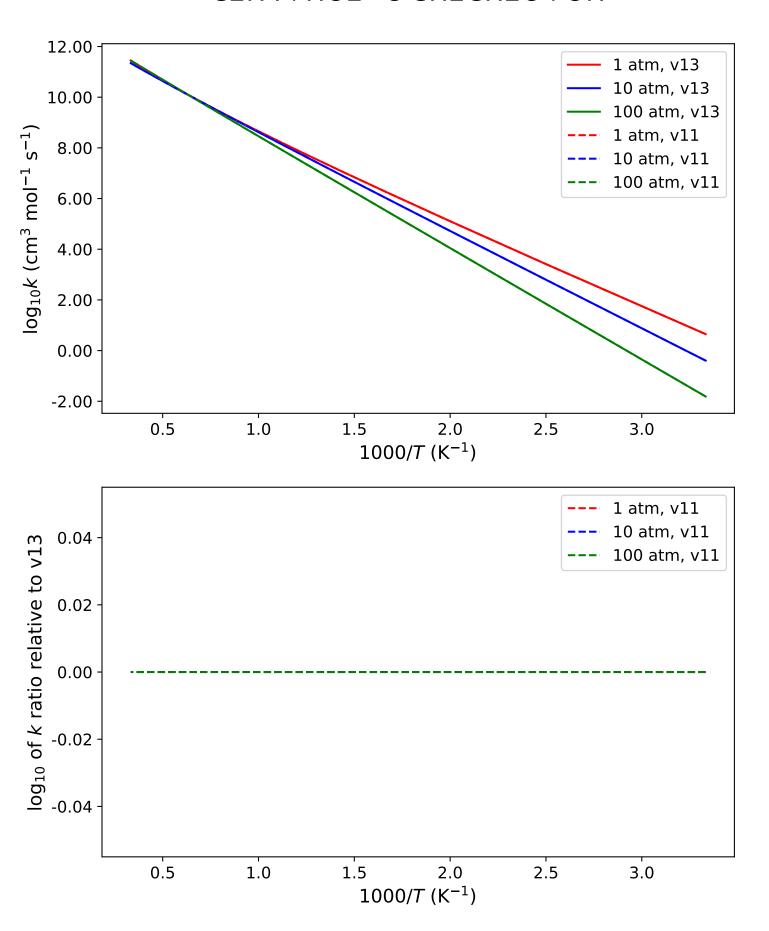
# CH3CCH+OH=CH3C(OH)CH



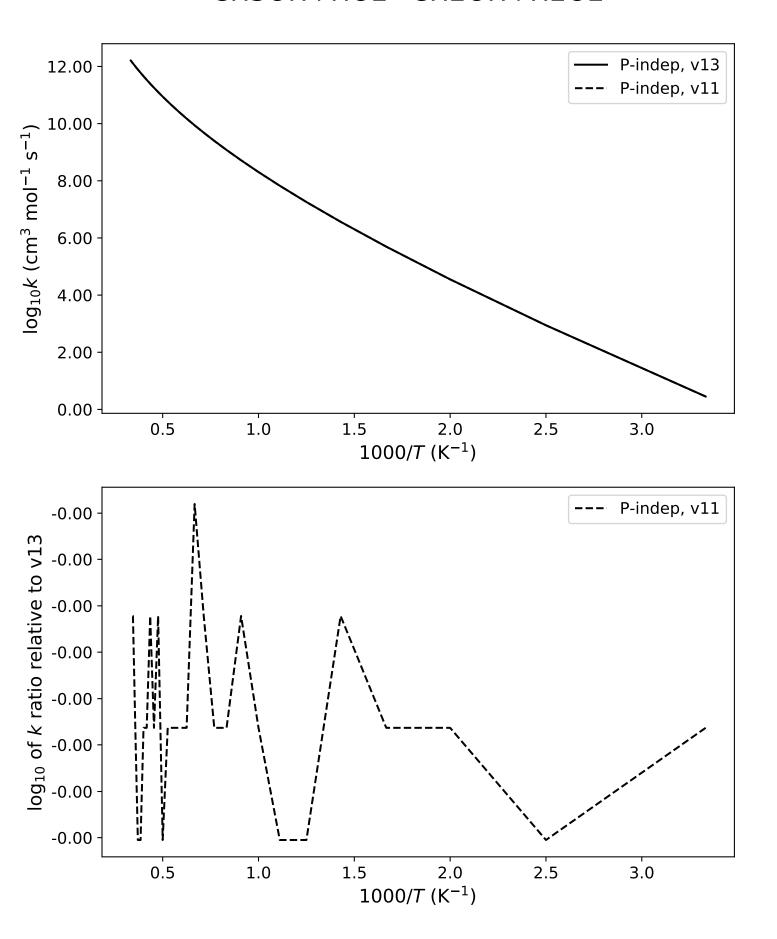
# CH2(S)+C6H6=C6H5+CH3



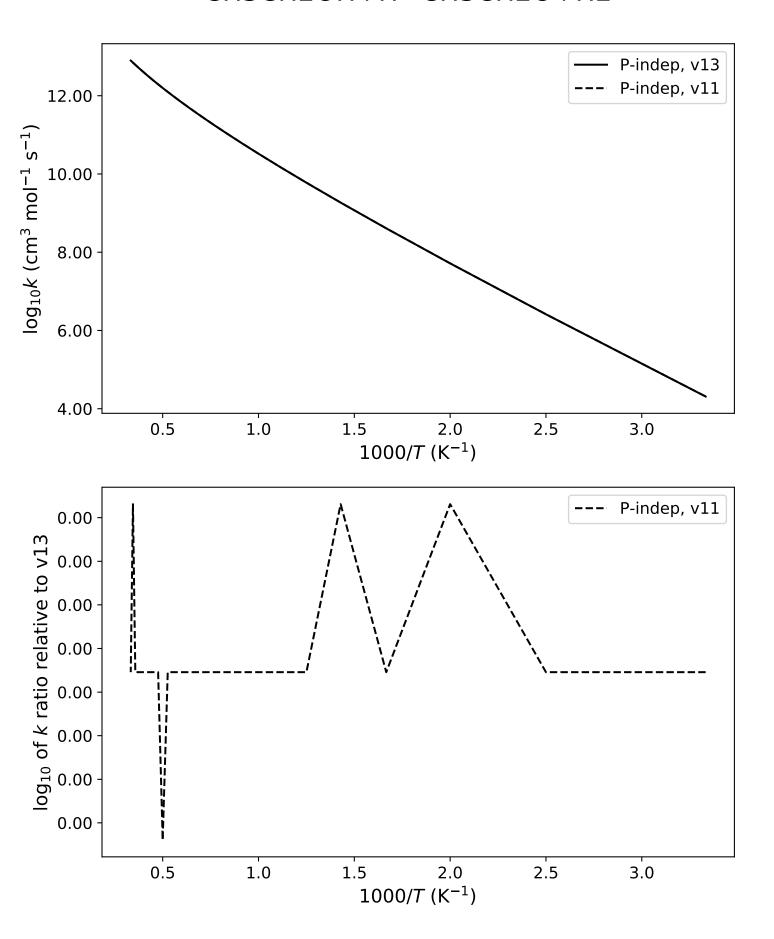
#### C2H4+HO2=c-CH2CH2O+OH



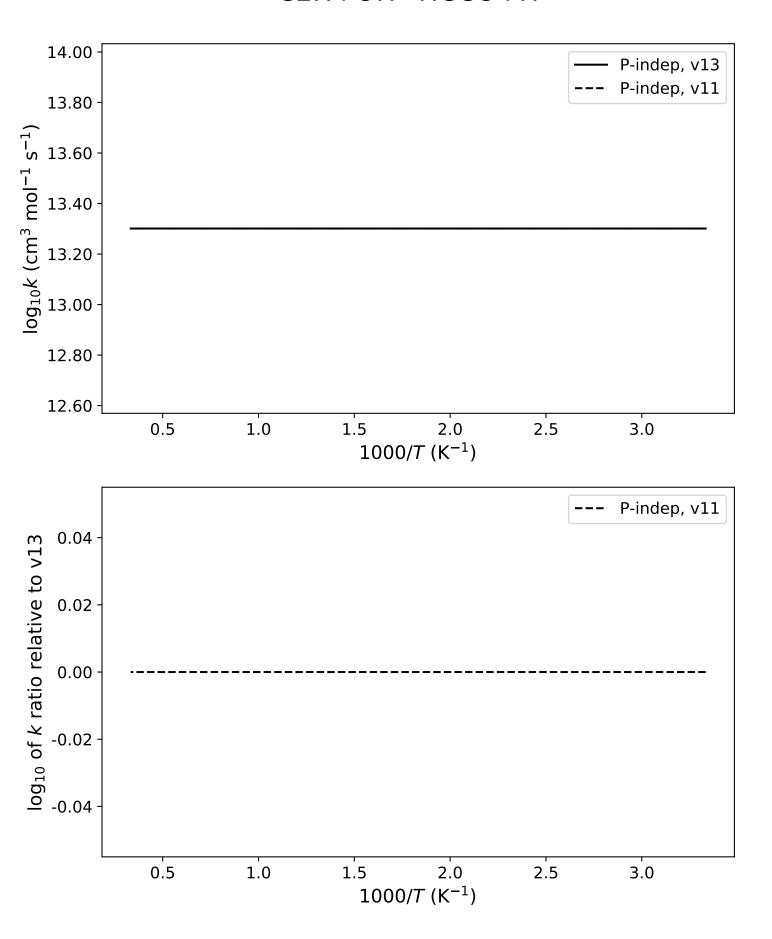
### CH3OH+HO2=CH2OH+H2O2



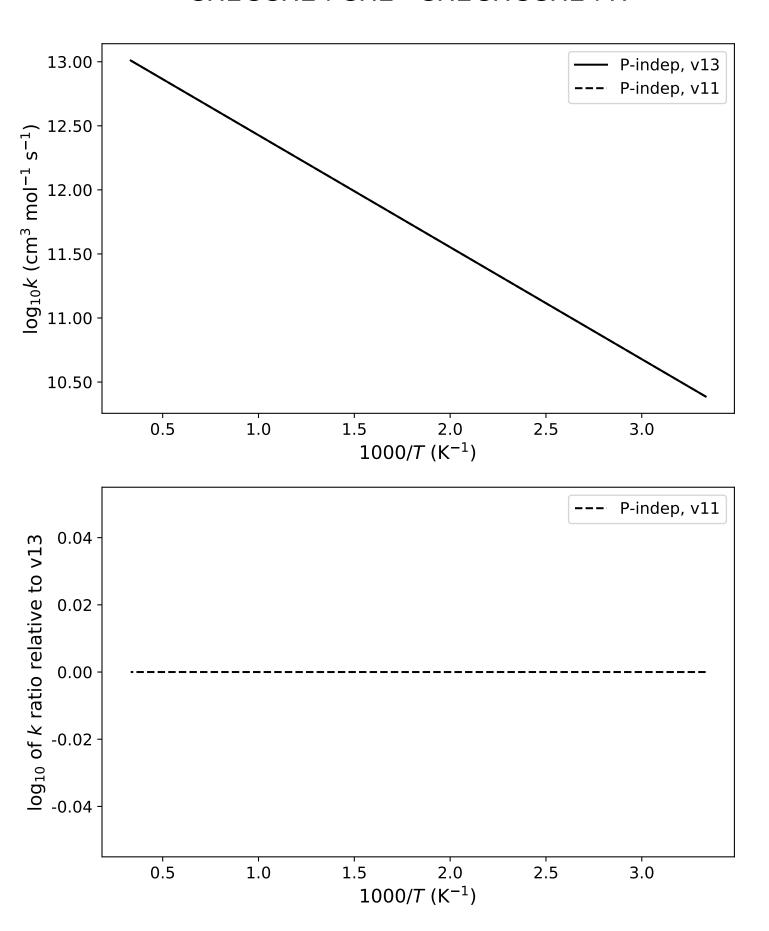
### CH3CH2OH+H=CH3CH2O+H2



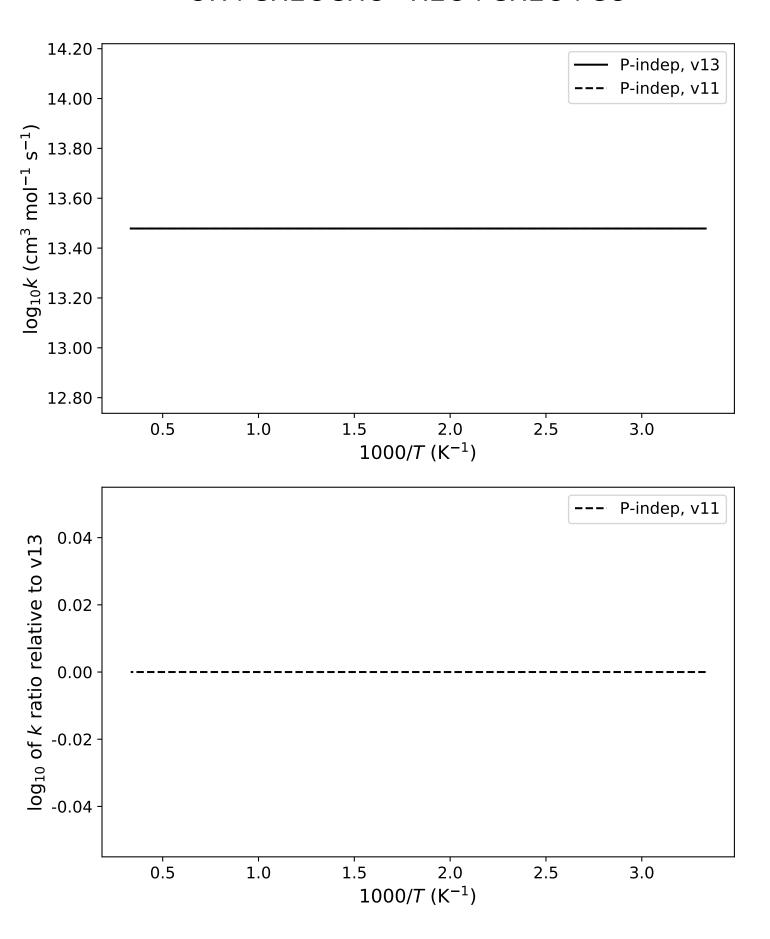
## C2H+OH=HCCO+H



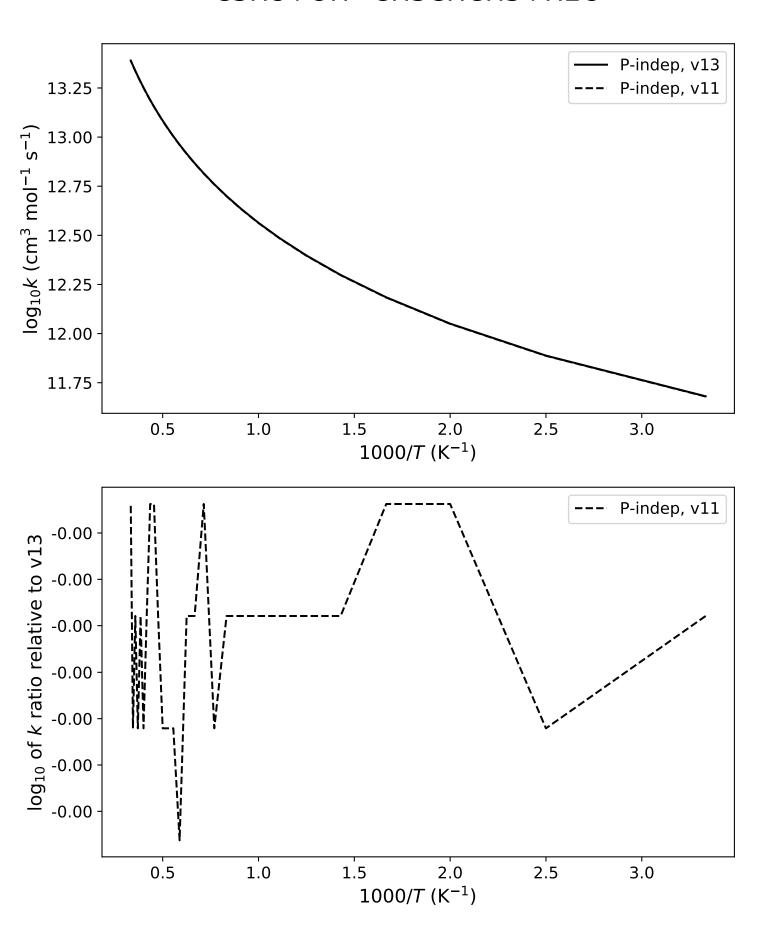
### CH2CCH2+CH2=CH2CHCCH2+H



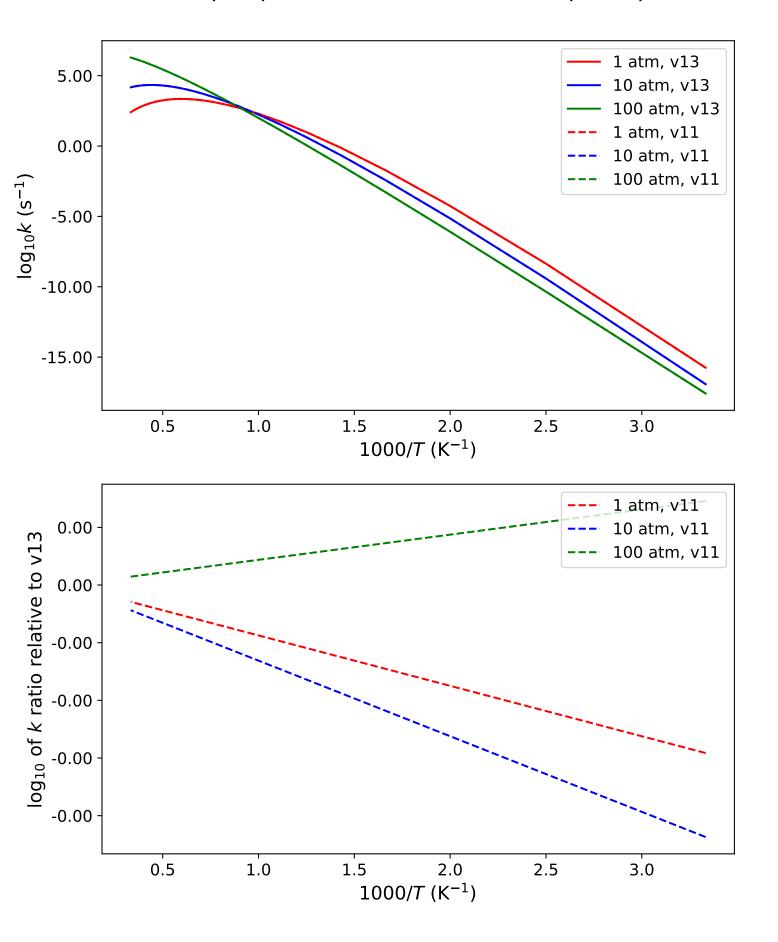
### OH+CH2OCHO=H2O+CH2O+CO



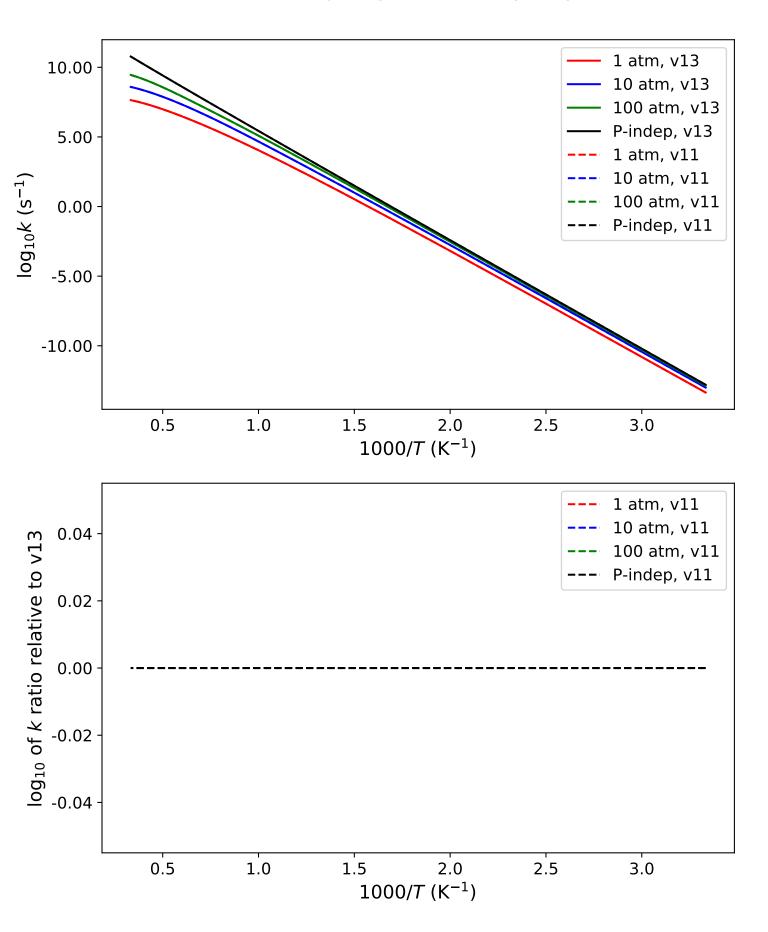
### C3H8+OH=CH3CHCH3+H2O



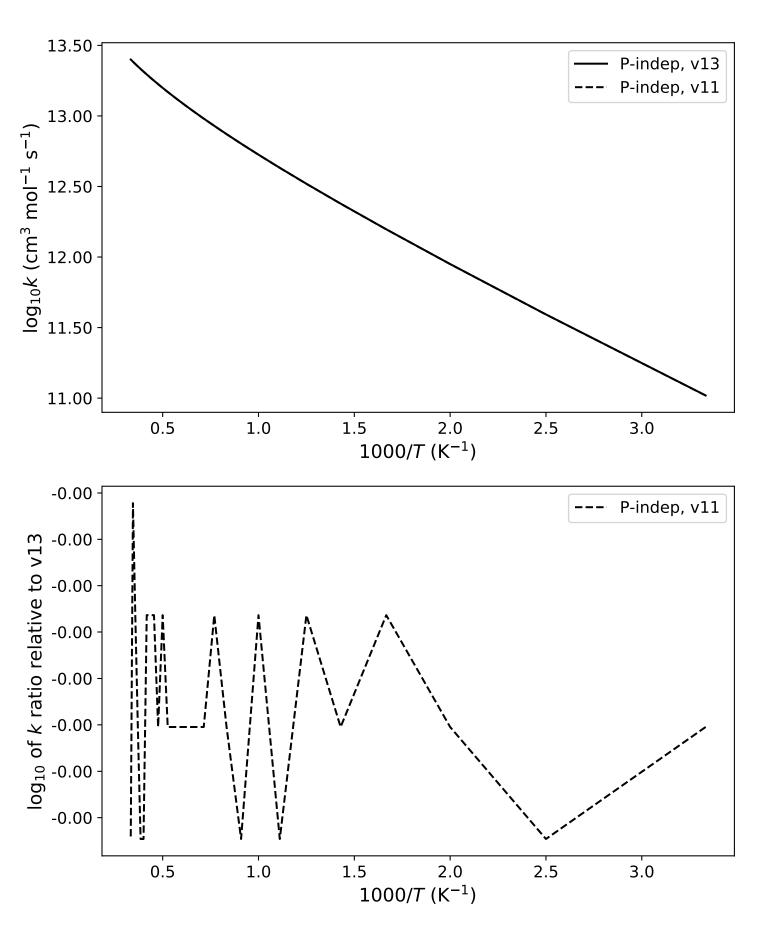
## CH3CH(OO)CH2OOH=HO2+CH3C(OOH)CH2



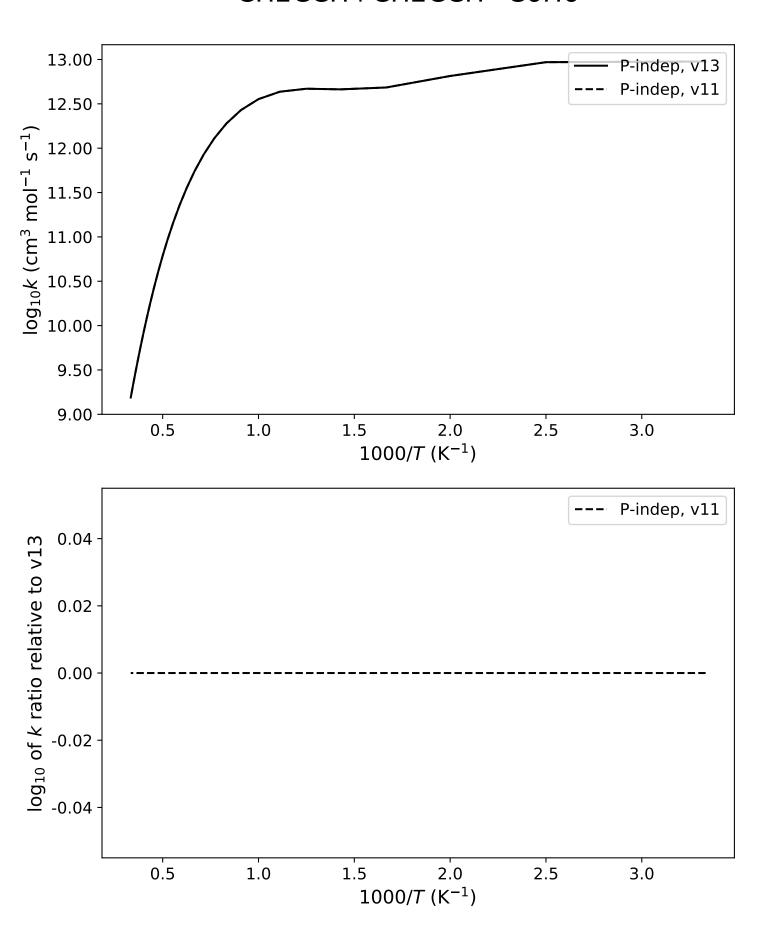
### OCOH(+M)=CO2+H(+M)



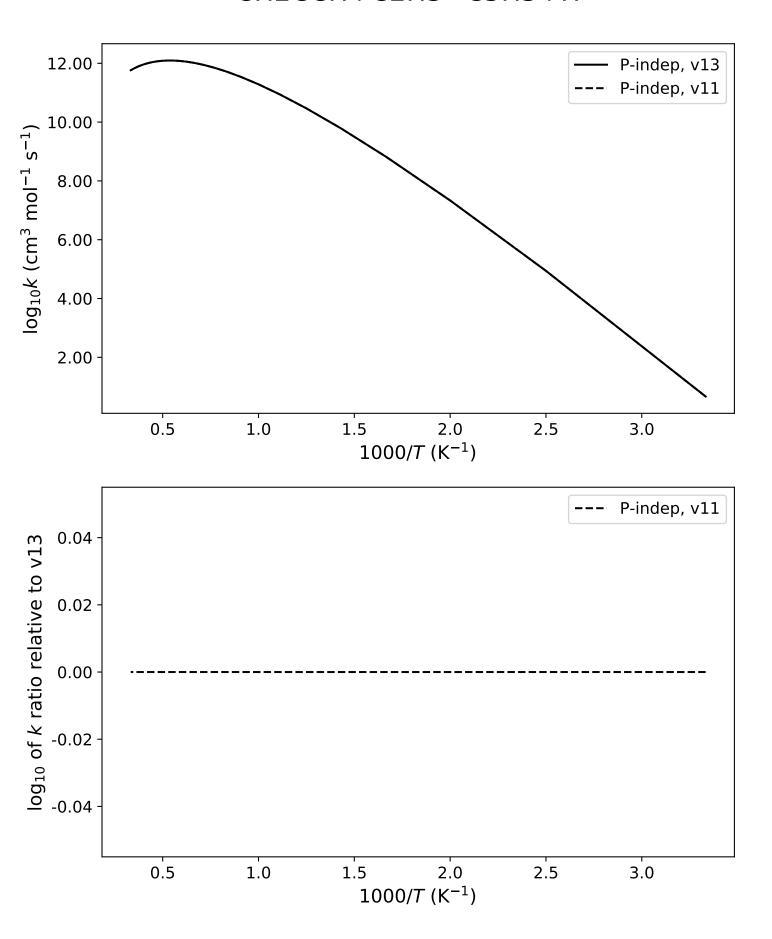
## CH2O+O=HCO+OH



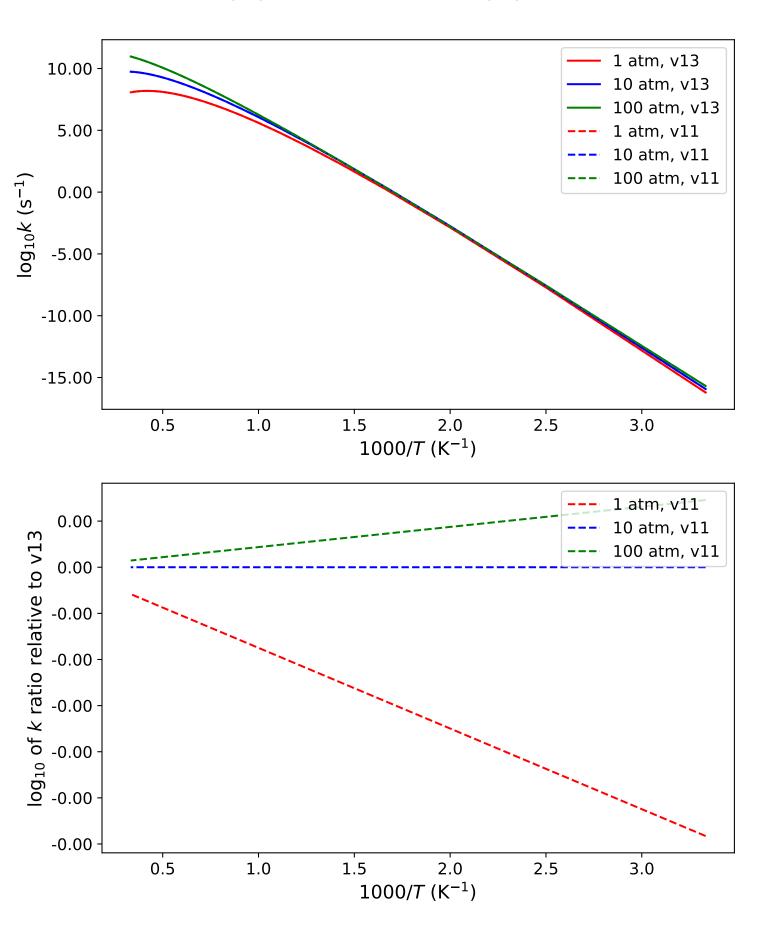
### CH2CCH+CH2CCH=C6H6



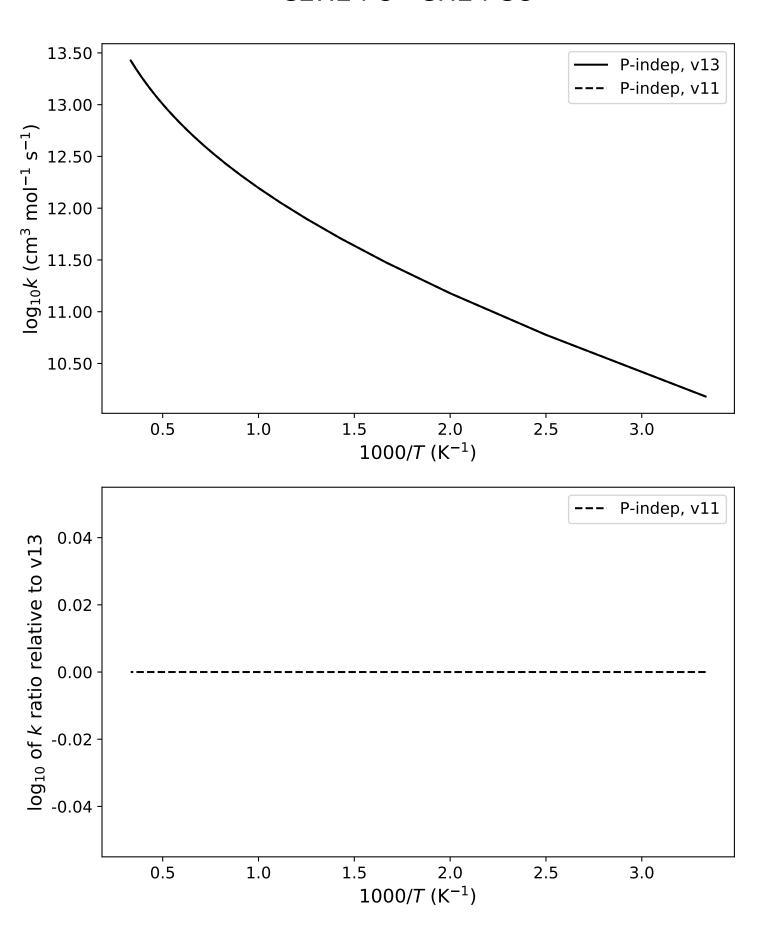
### CH2CCH+C2H3=C5H5+H



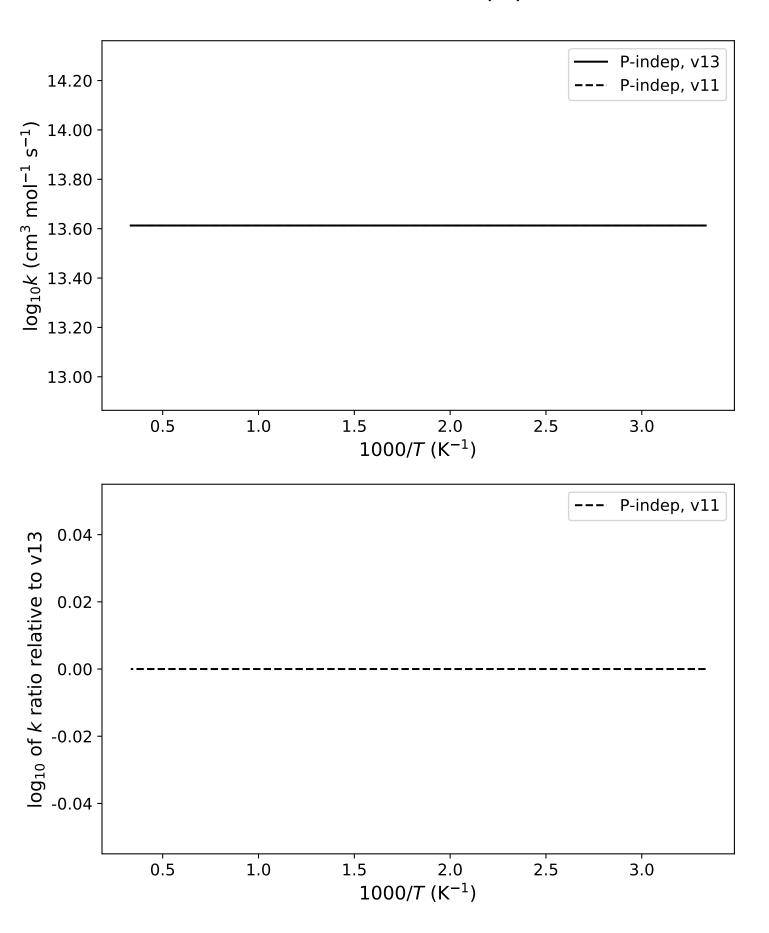
# CH3C(O)CH2OOH=CH3C(O)CH2O+OH



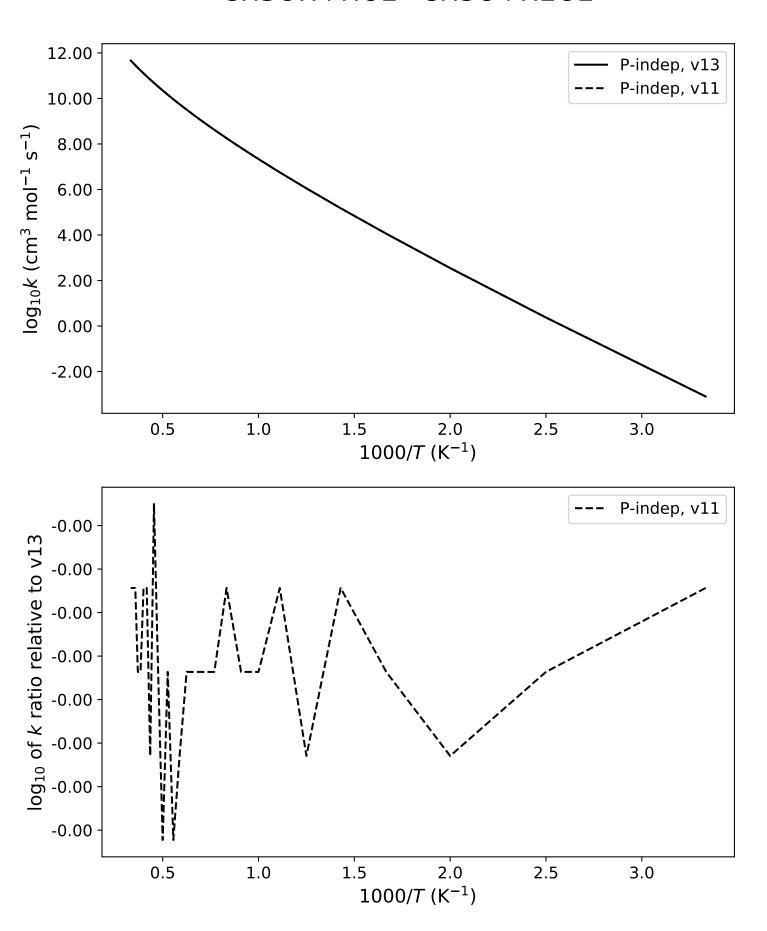
## C2H2+O=CH2+CO



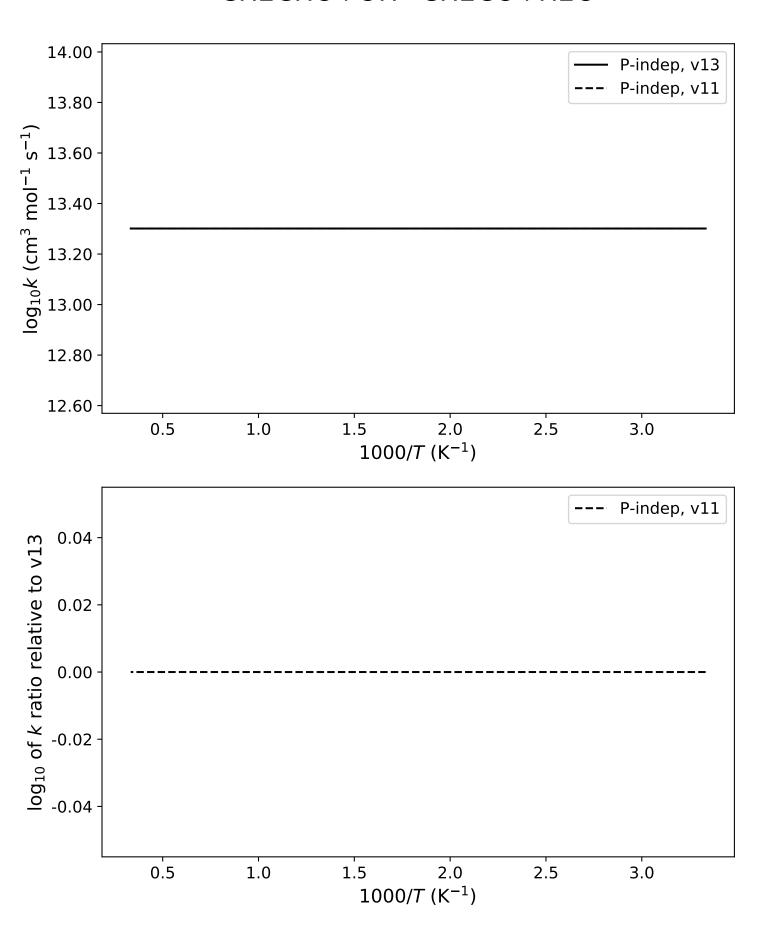
# CH3CHCH3+O=CH3C(O)CH3+H



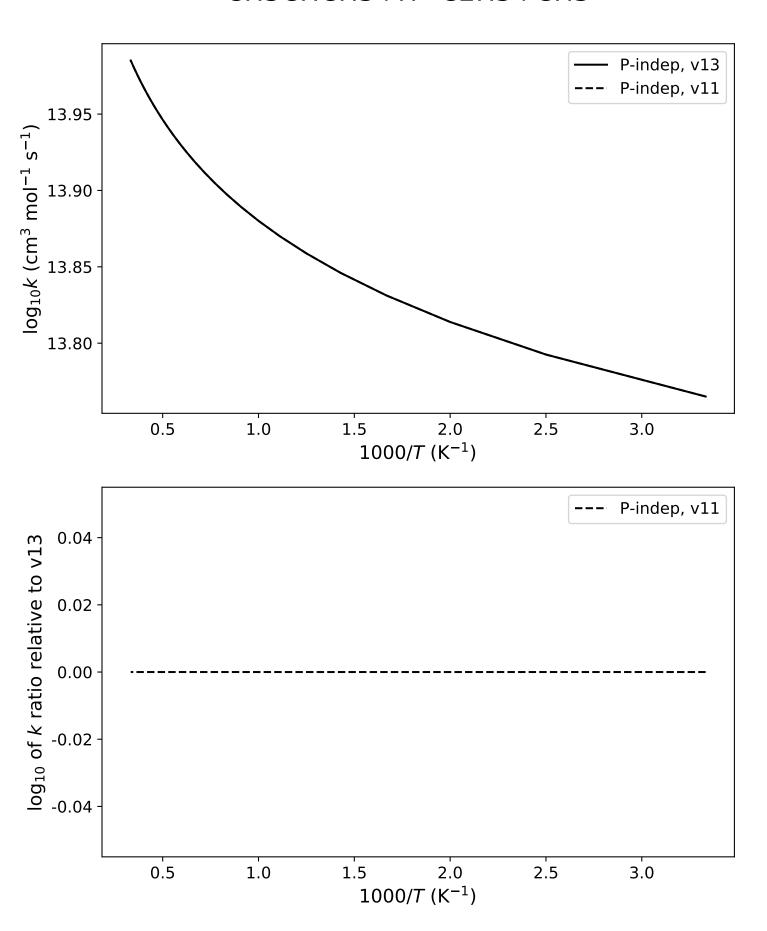
### CH3OH+HO2=CH3O+H2O2



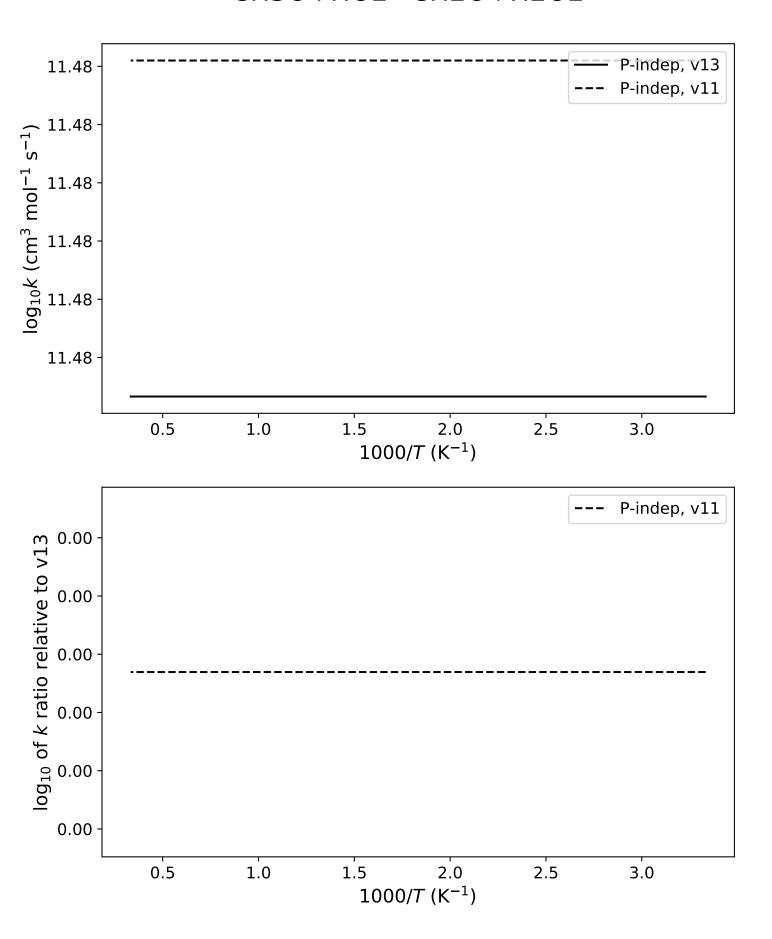
### CH2CHO+OH=CH2CO+H2O



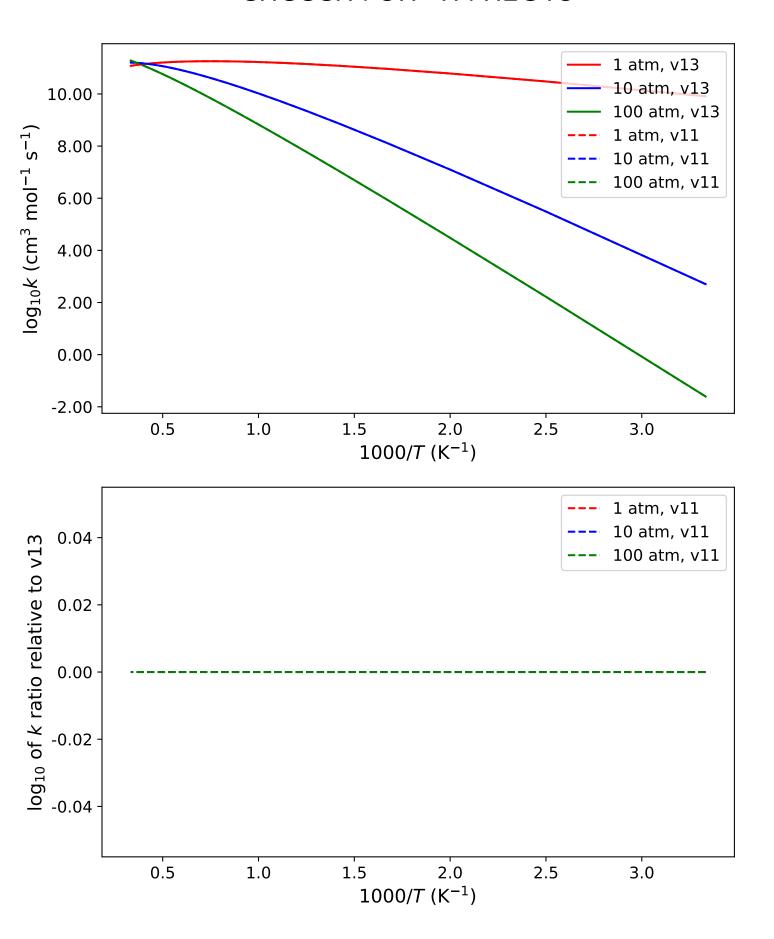
## CH3CHCH3+H=C2H5+CH3



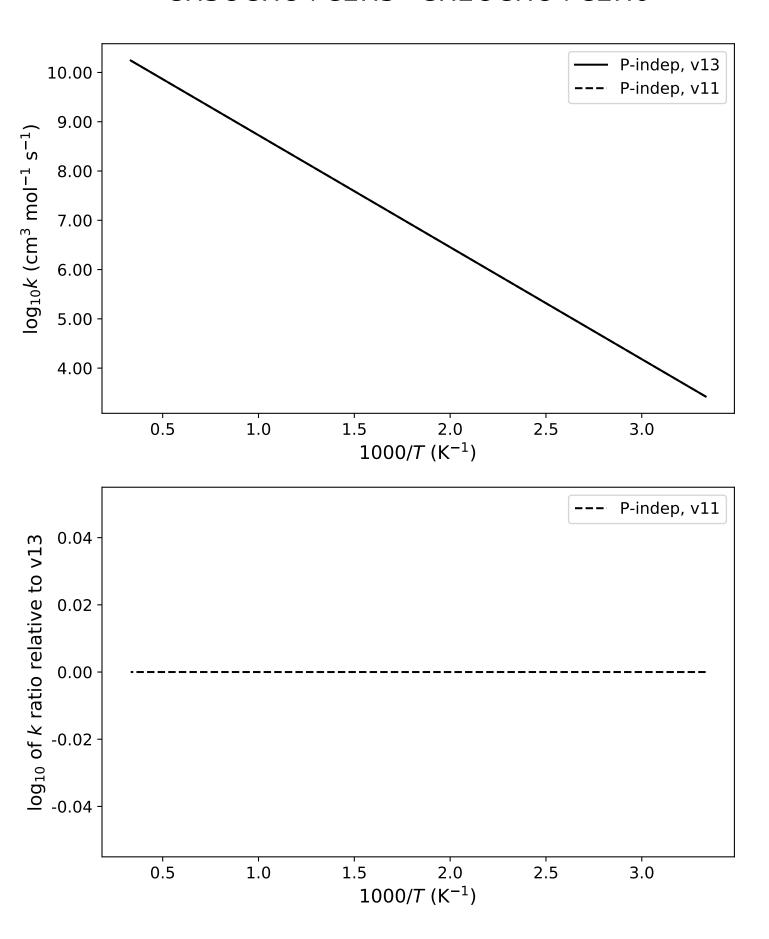
### CH3O+HO2=CH2O+H2O2



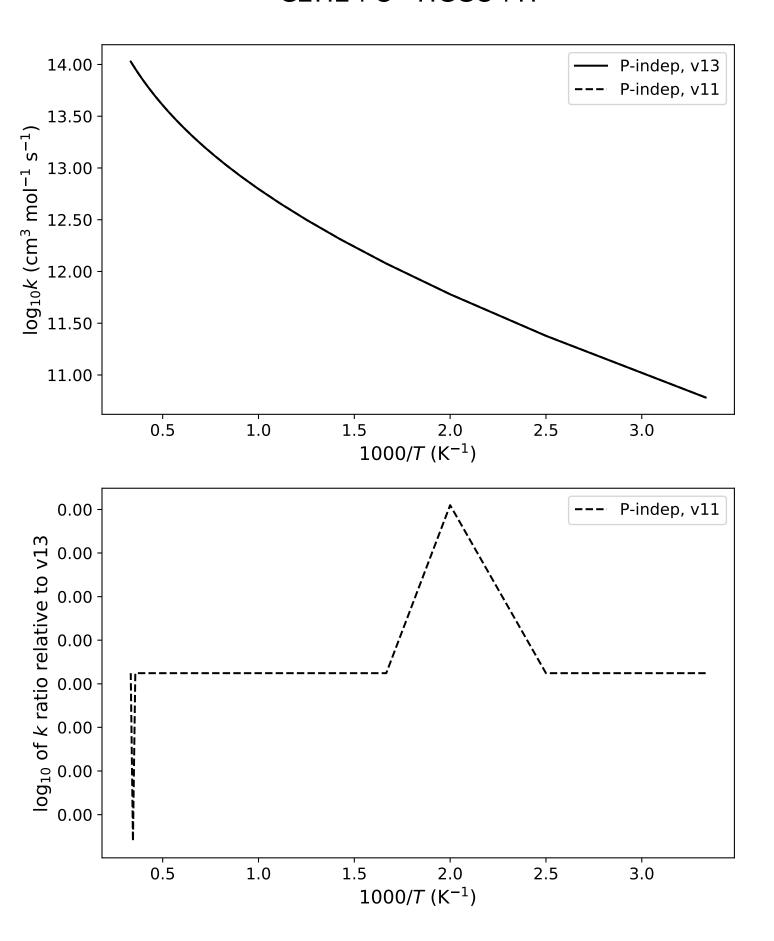
### CHCCCH+OH=H+H2C4O



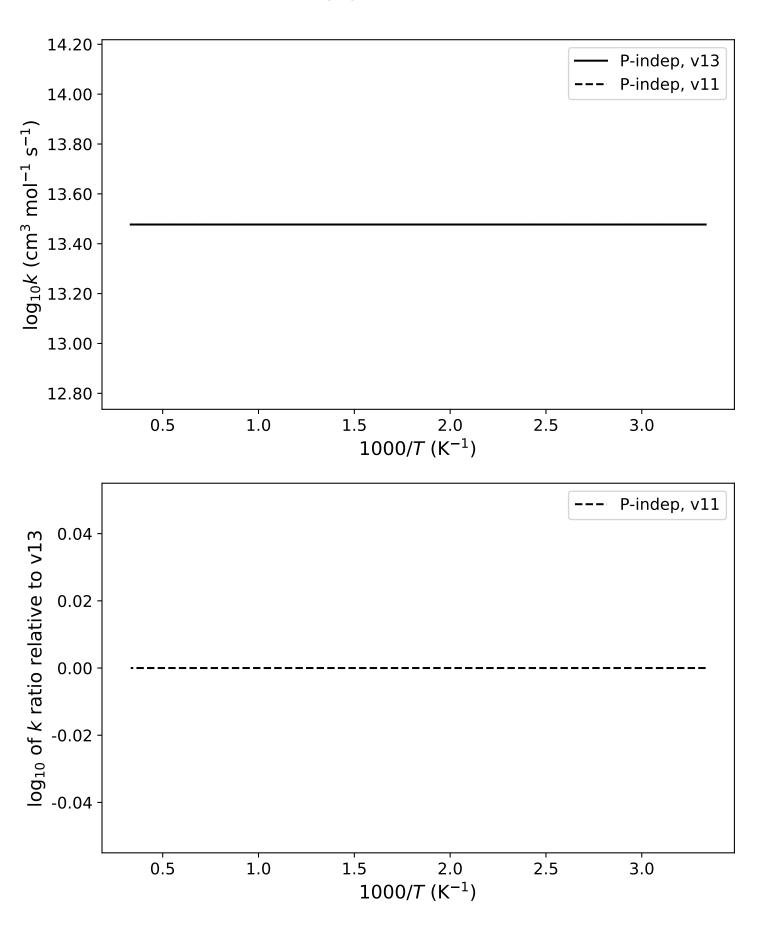
### CH3OCHO+C2H5=CH2OCHO+C2H6



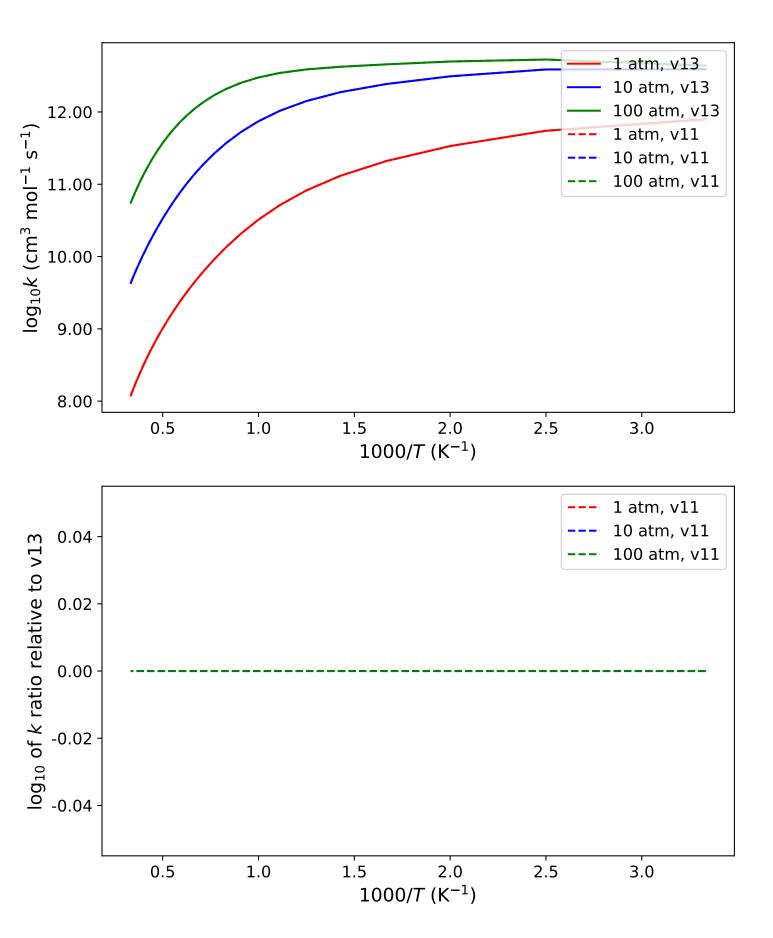
### C2H2+O=HCCO+H



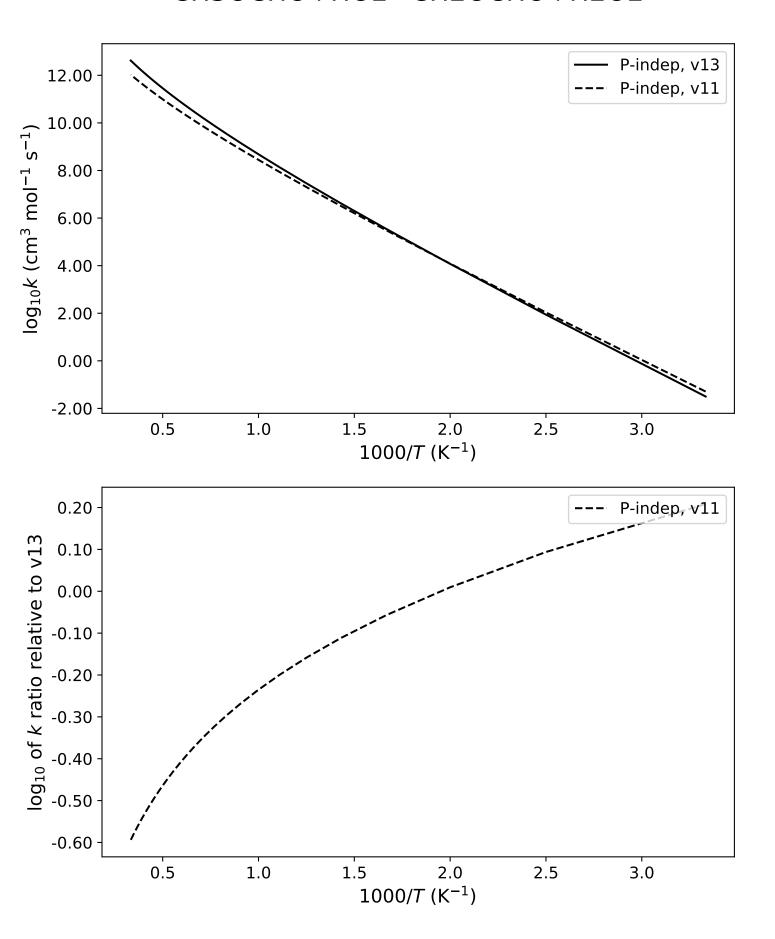
# CH2(S)+O=CO+H+H



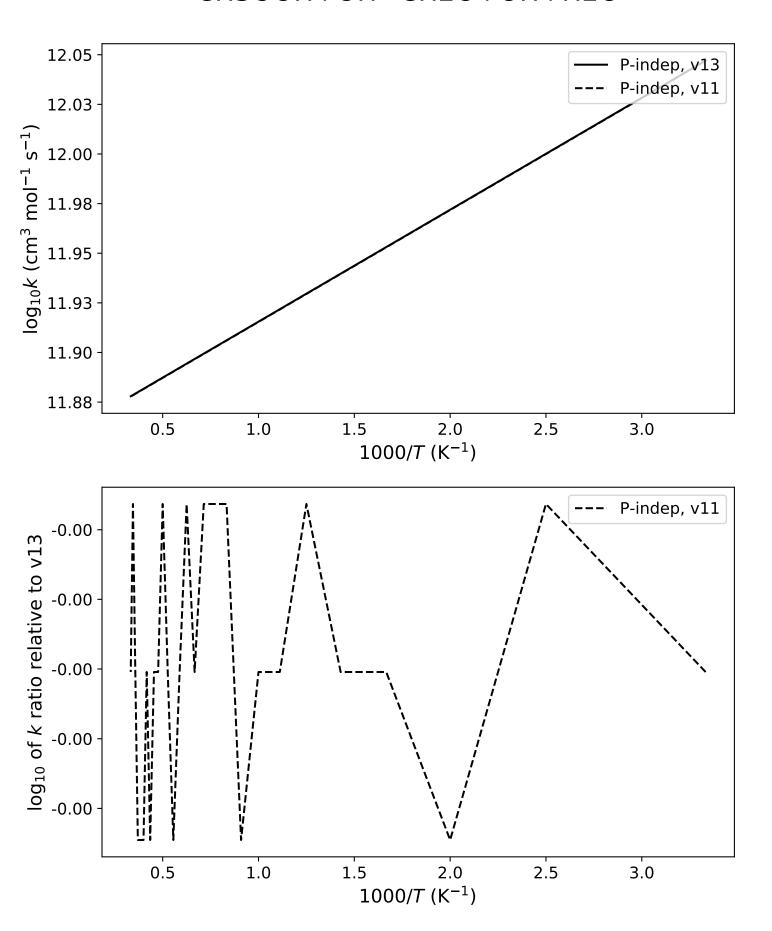
### C2H3+O2=CH2CHOO



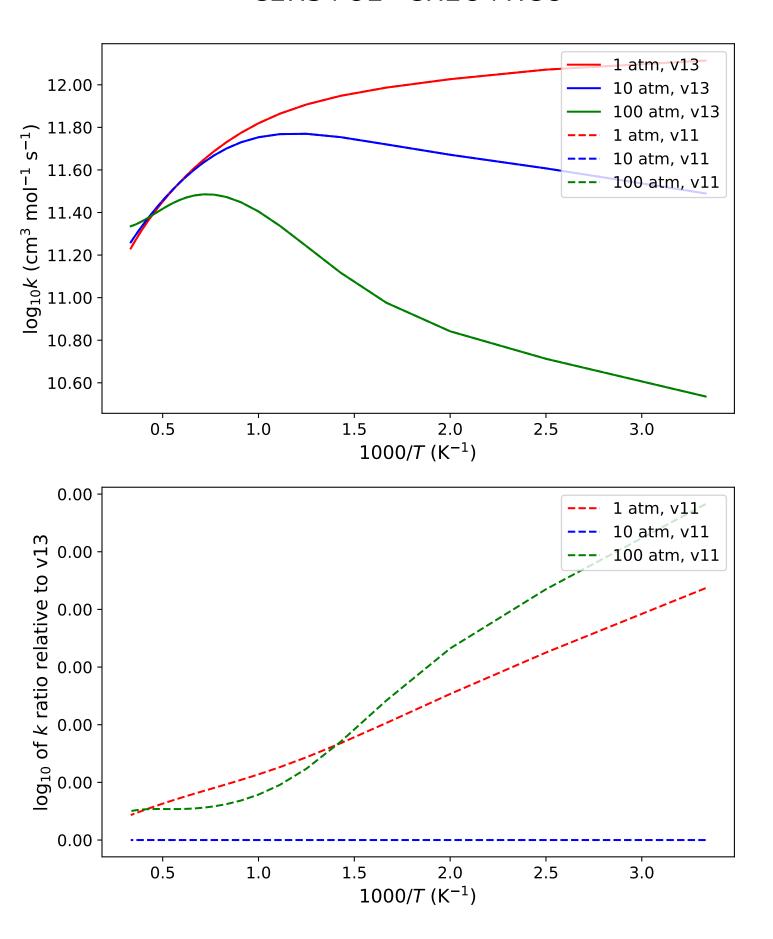
### CH3OCHO+H02=CH2OCHO+H2O2



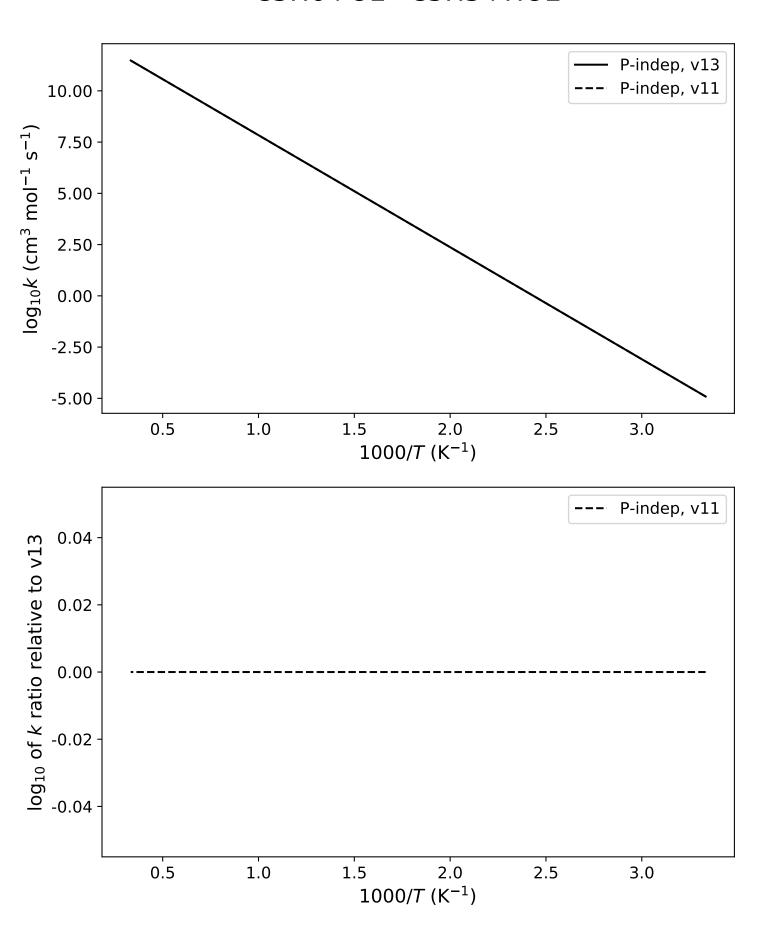
### CH3OOH+OH=CH2O+OH+H2O



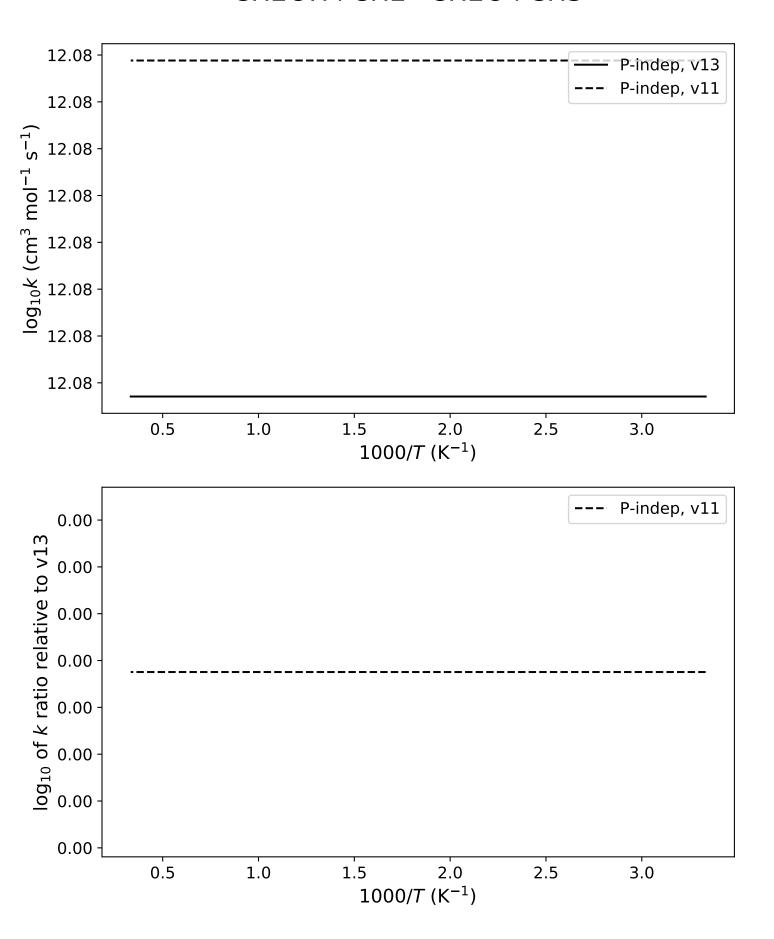
### C2H3+O2=CH2O+HCO



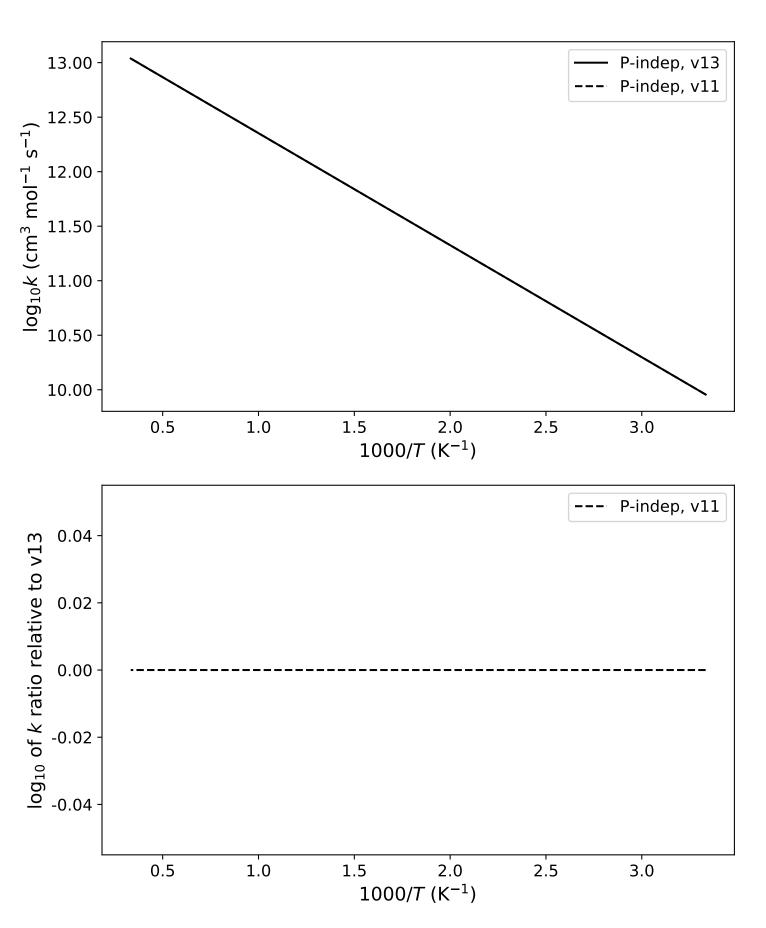
### C5H6+O2=C5H5+HO2



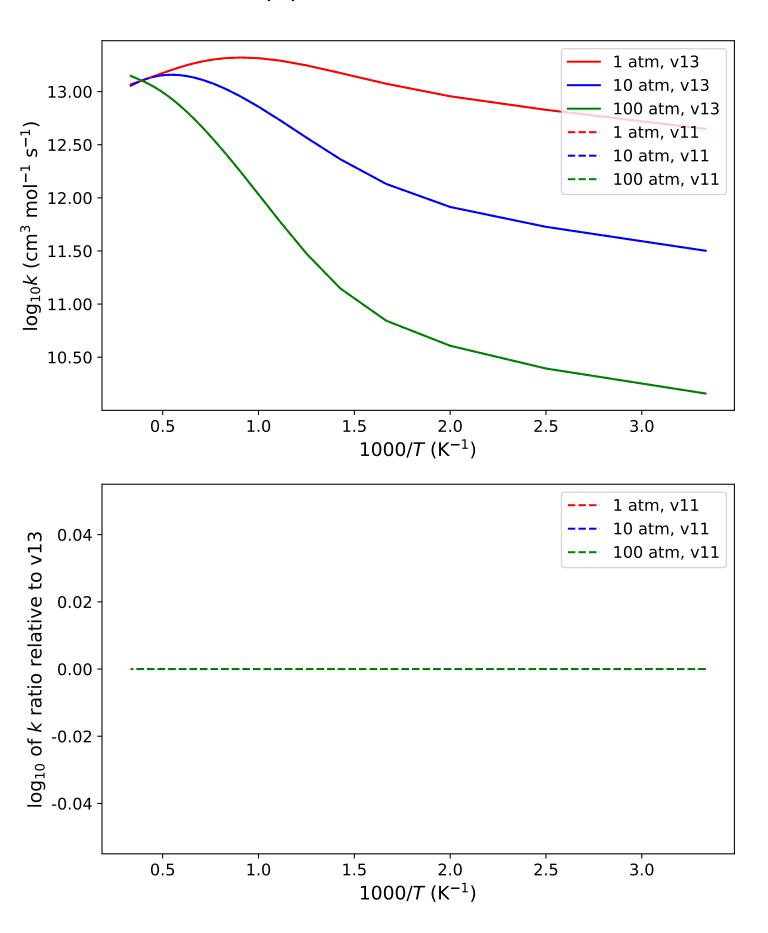
### CH2OH+CH2=CH2O+CH3



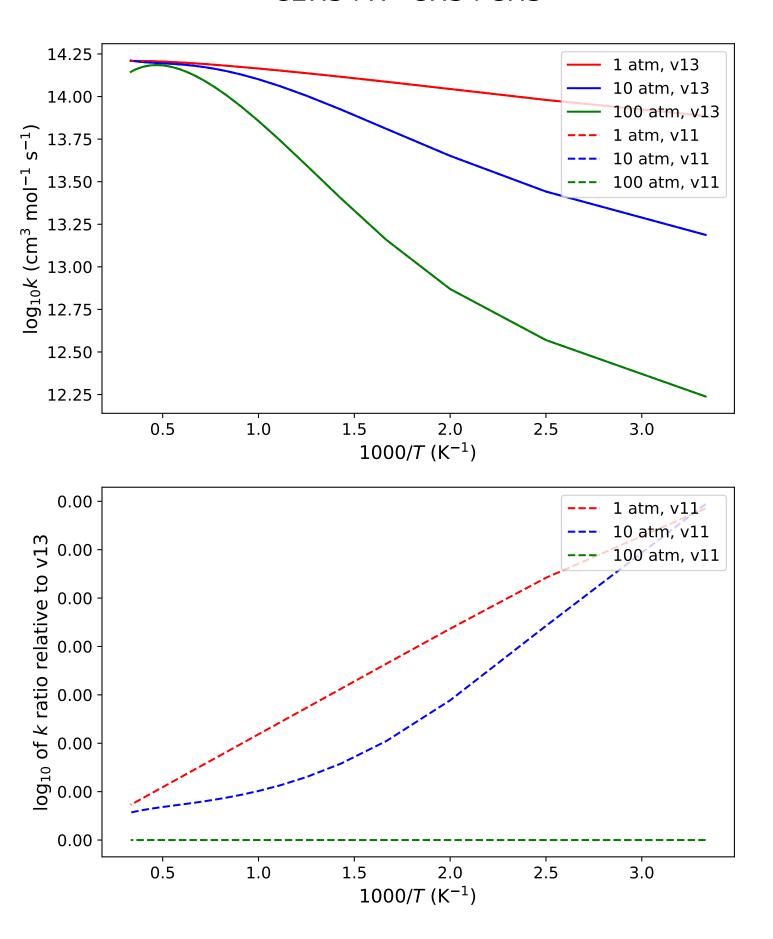
### C6H6+O=C6H5+OH



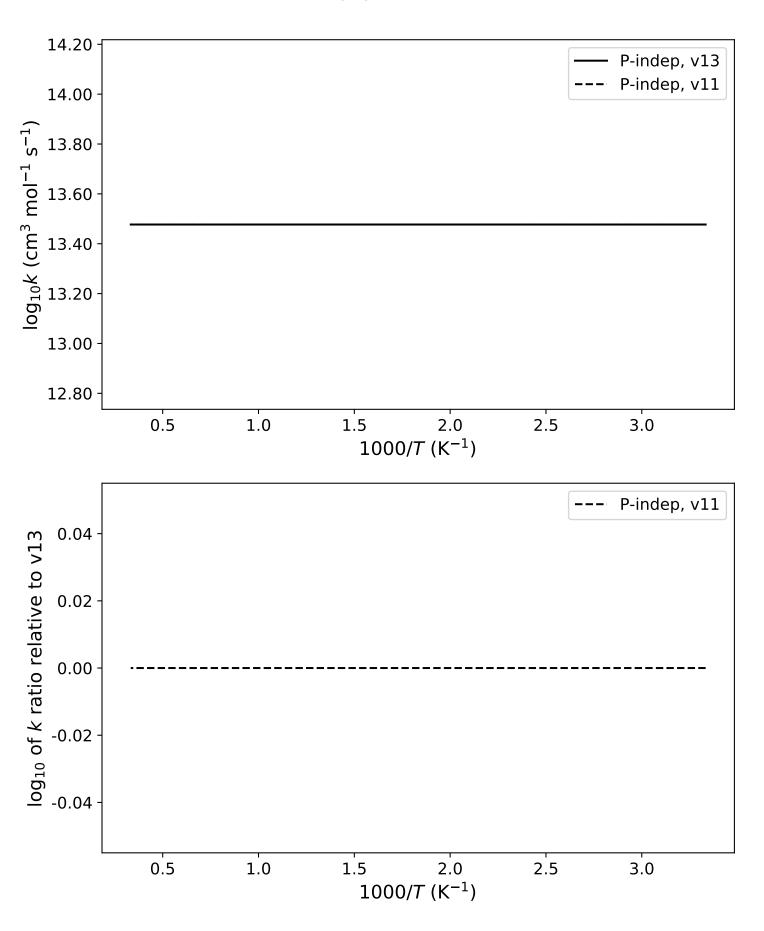
# CH2(S)+C2H4=CH2CHCH2+H



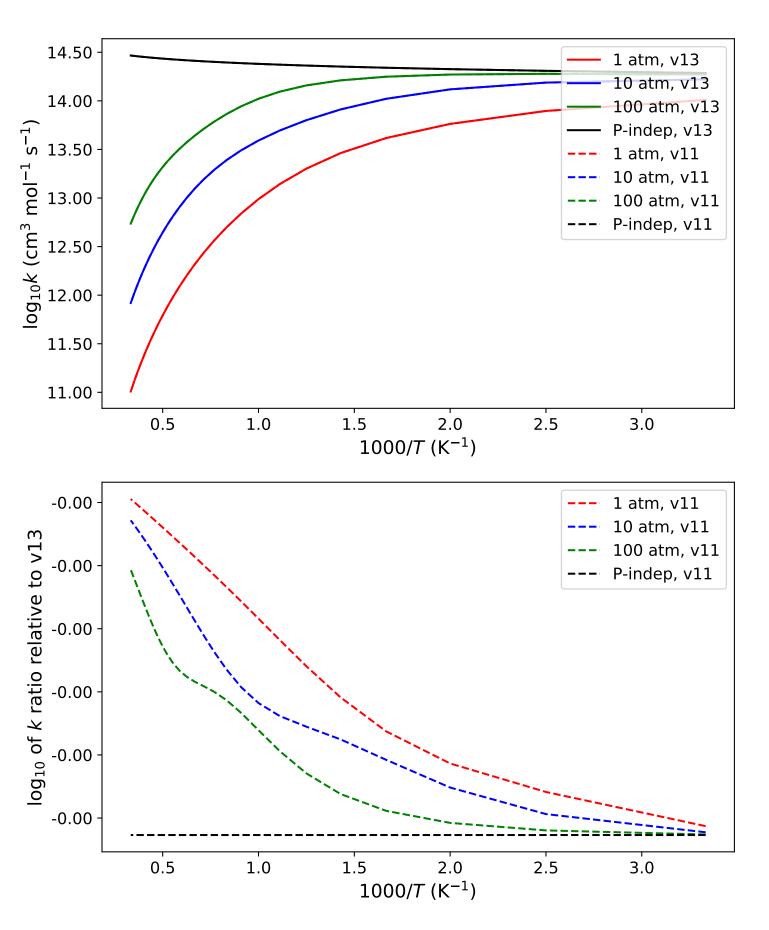
### C2H5+H=CH3+CH3



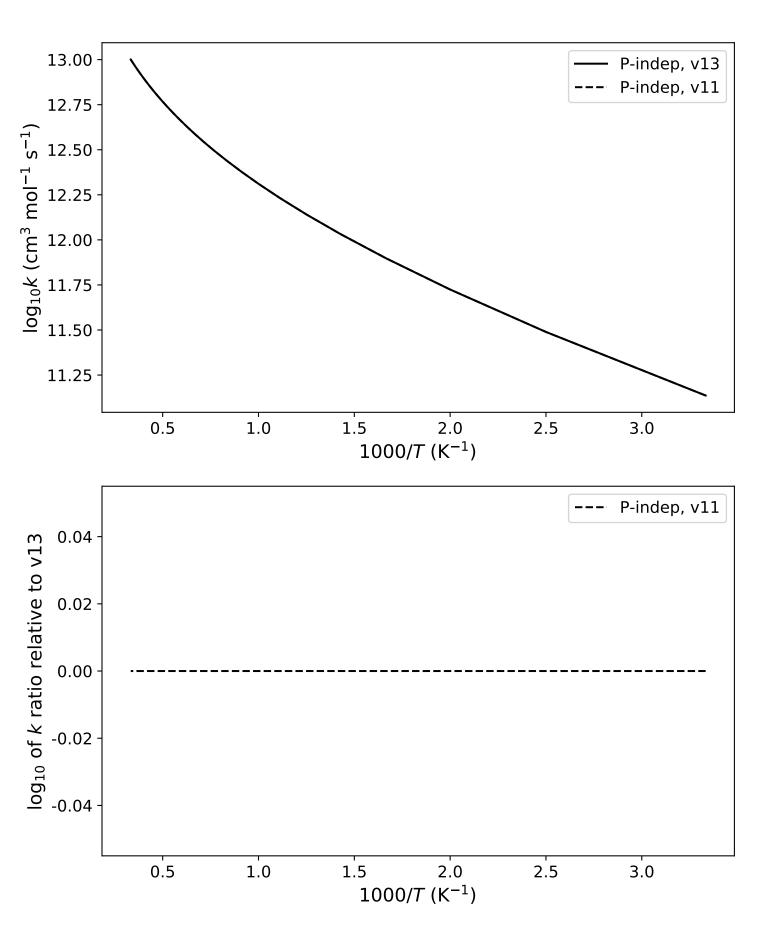
# CH2(S)+H=CH+H2



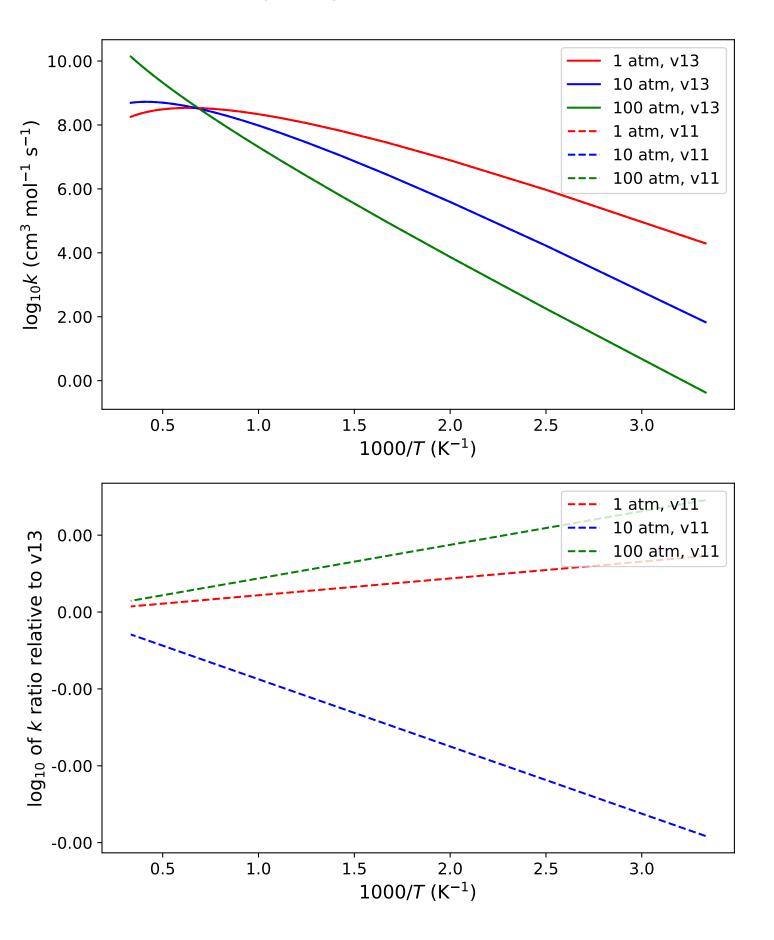
### CH3+H(+M)=CH4(+M)



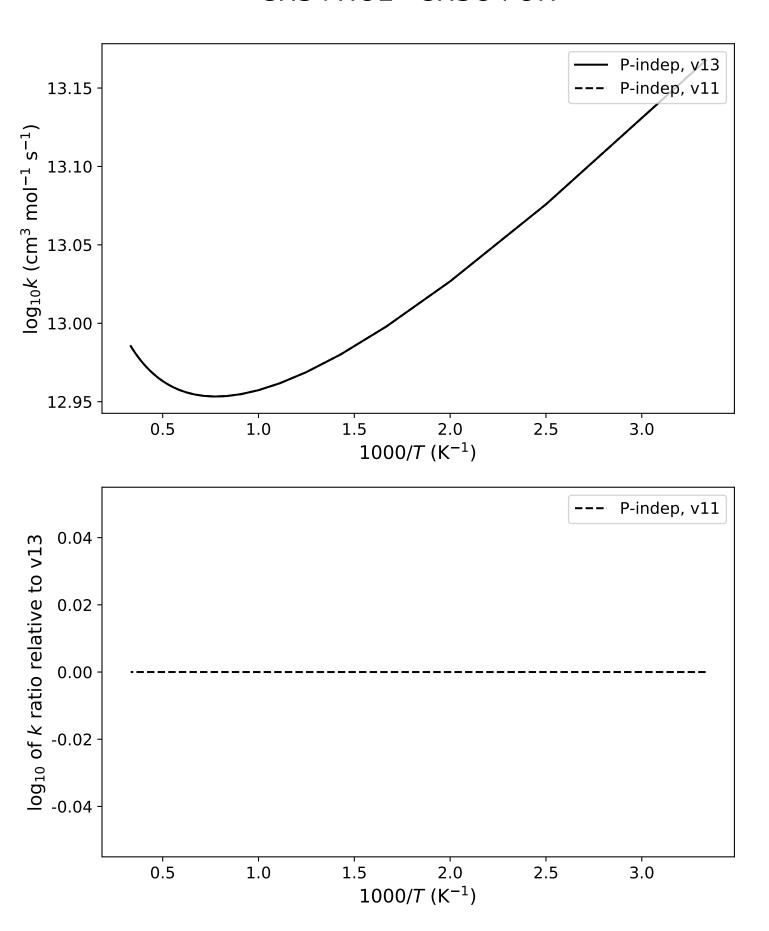
### CH2+O2=CH2O+O



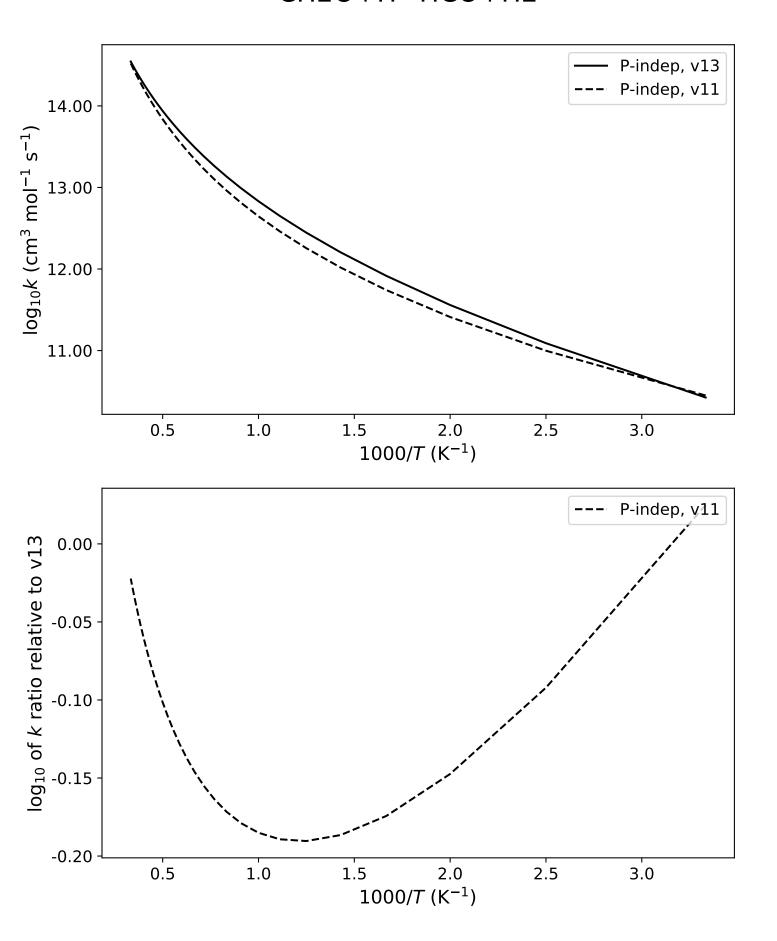
# O2+CH3CH(OOH)CH2=HO2+CH2CHCH2OOH



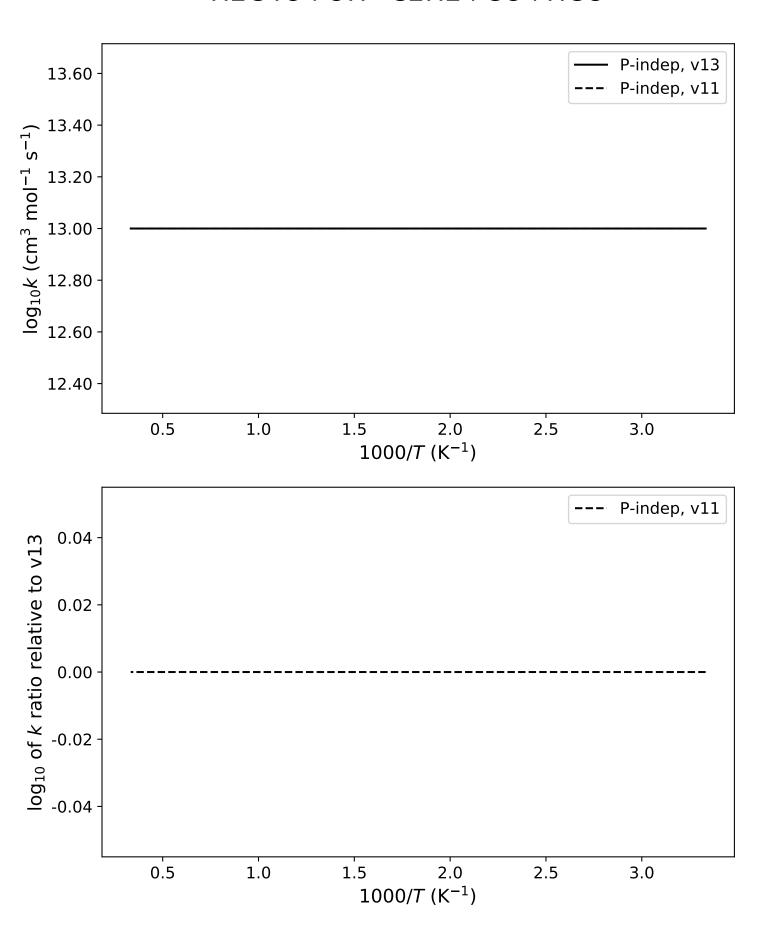
## CH3+HO2=CH3O+OH



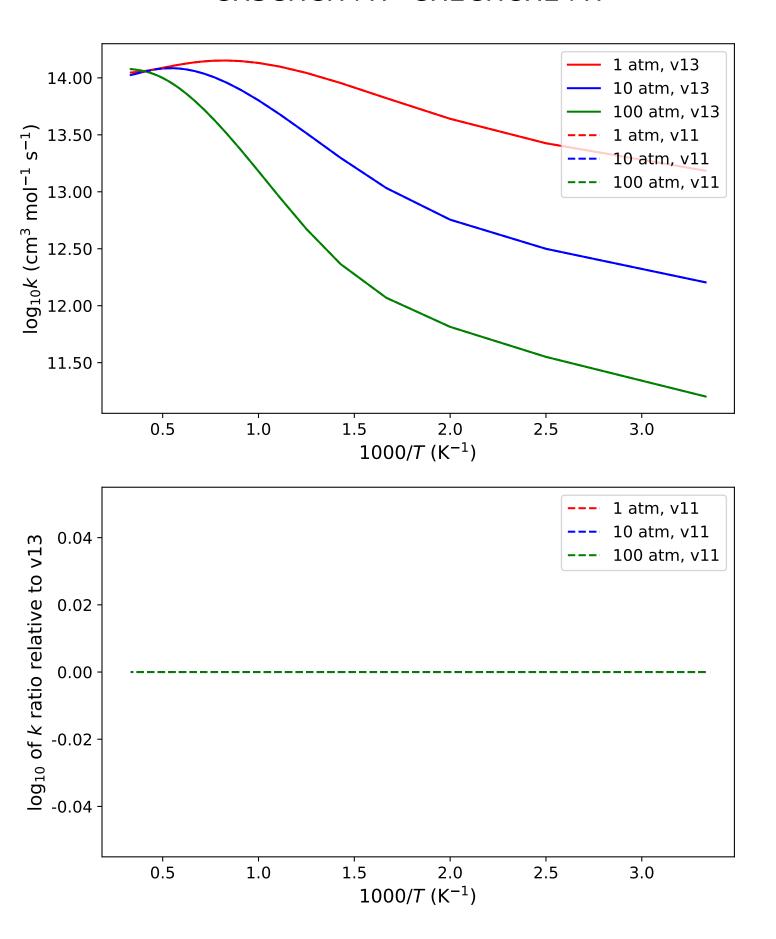
## CH2O+H=HCO+H2



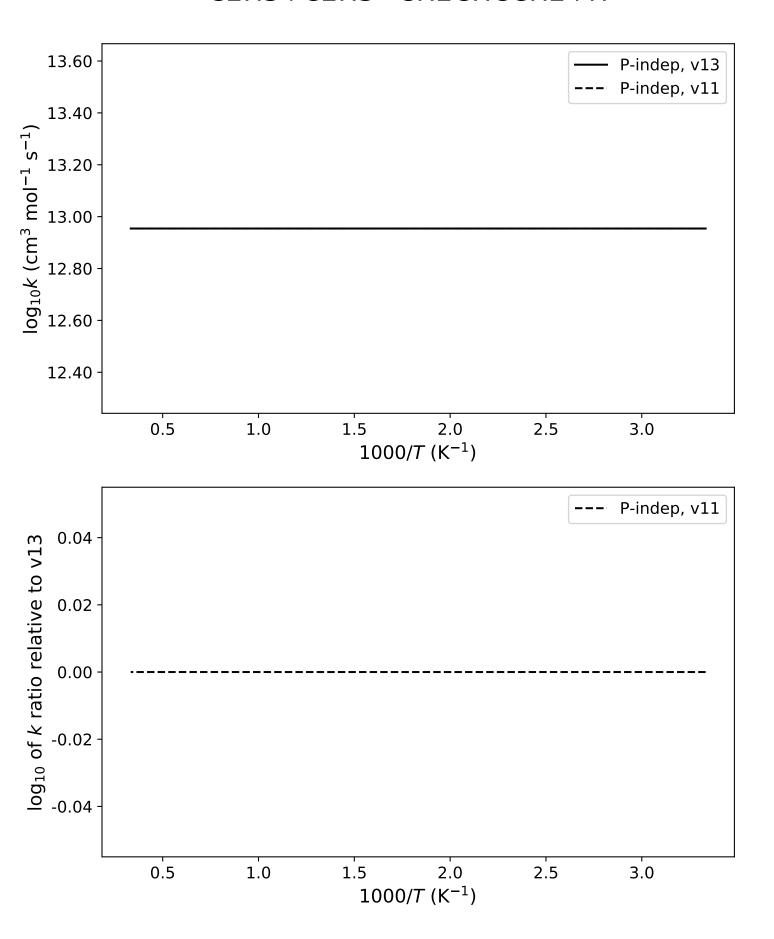
### H2C4O+OH=C2H2+CO+HCO



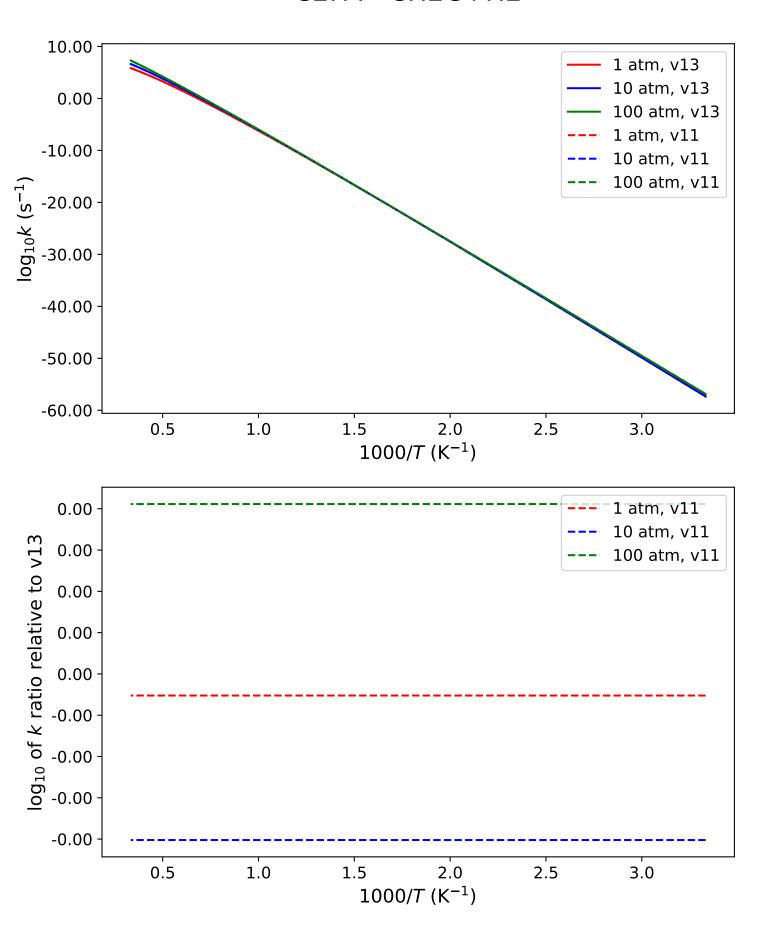
### CH3CHCH+H=CH2CHCH2+H



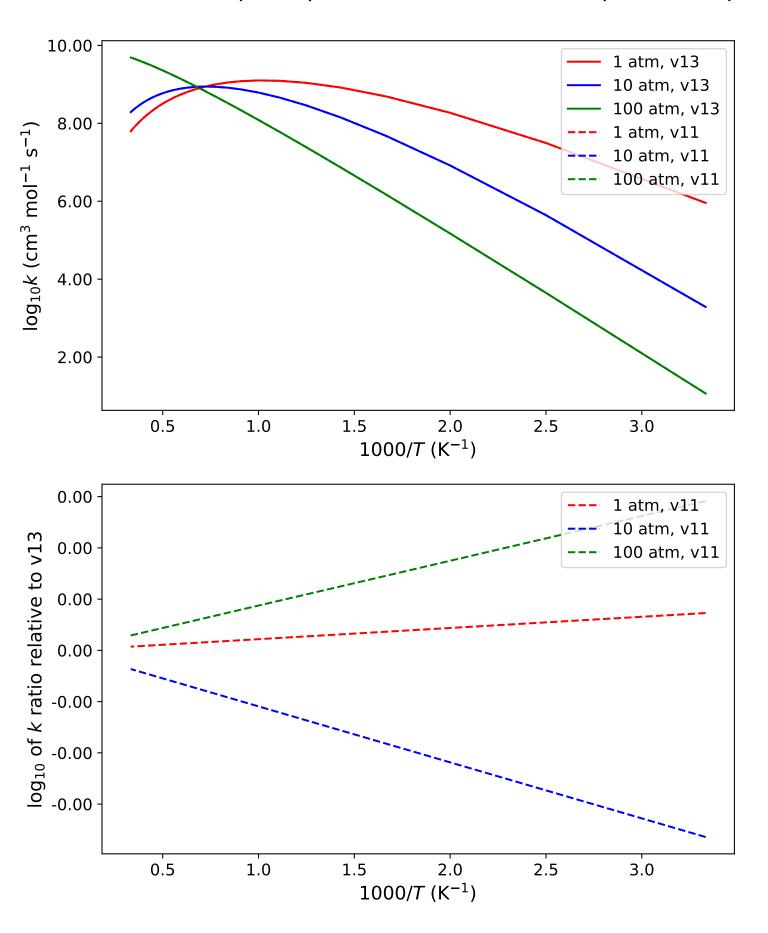
### C2H3+C2H3=CH2CHCCH2+H



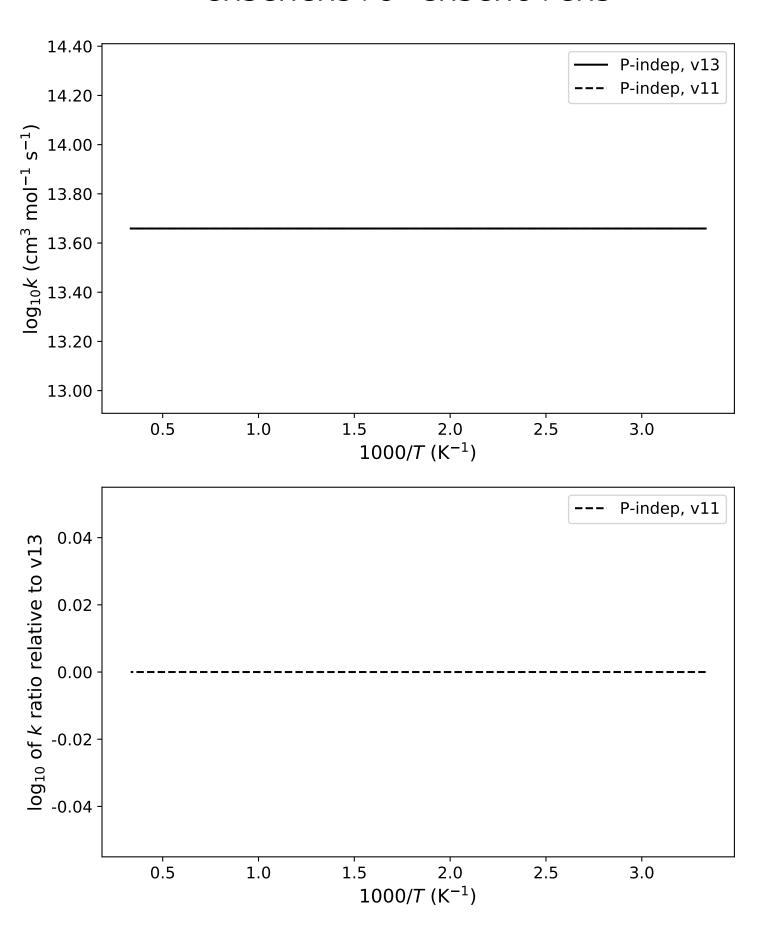
### C2H4=CH2C+H2



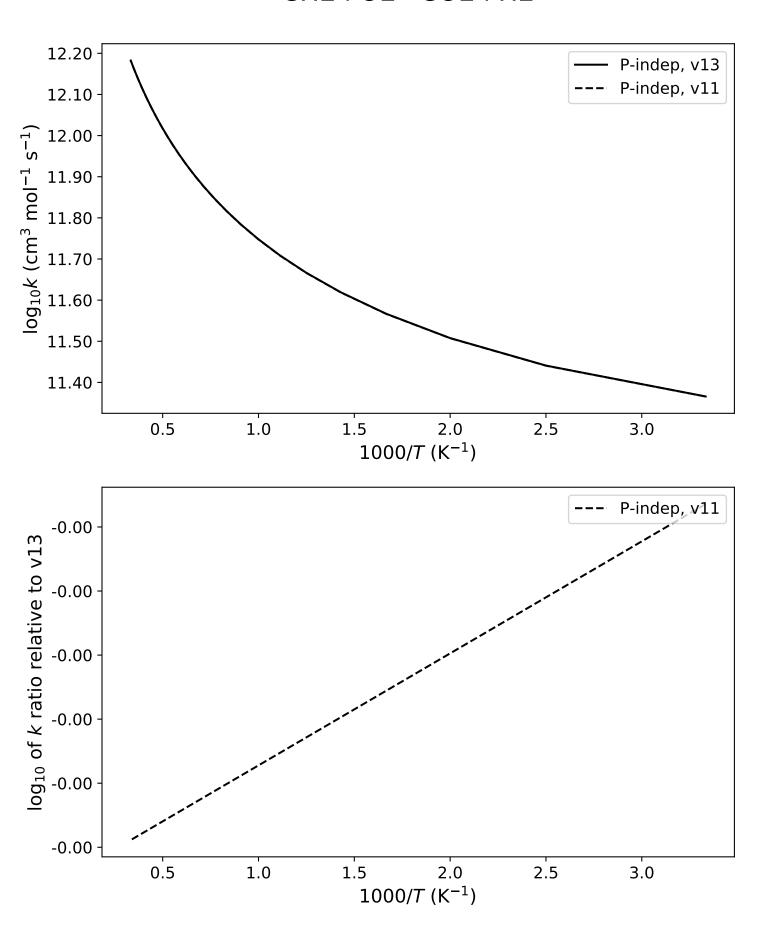
## O2+CH3CH(OOH)CH2=OH+c-CH2OCH(CH2OOH)



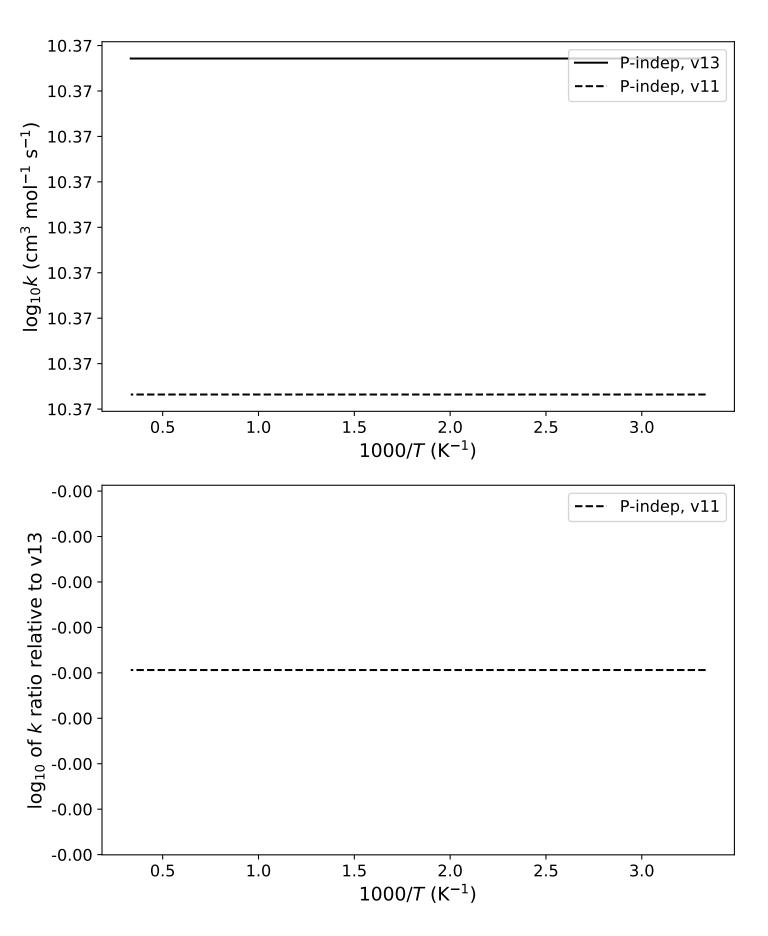
## CH3CHCH3+O=CH3CHO+CH3



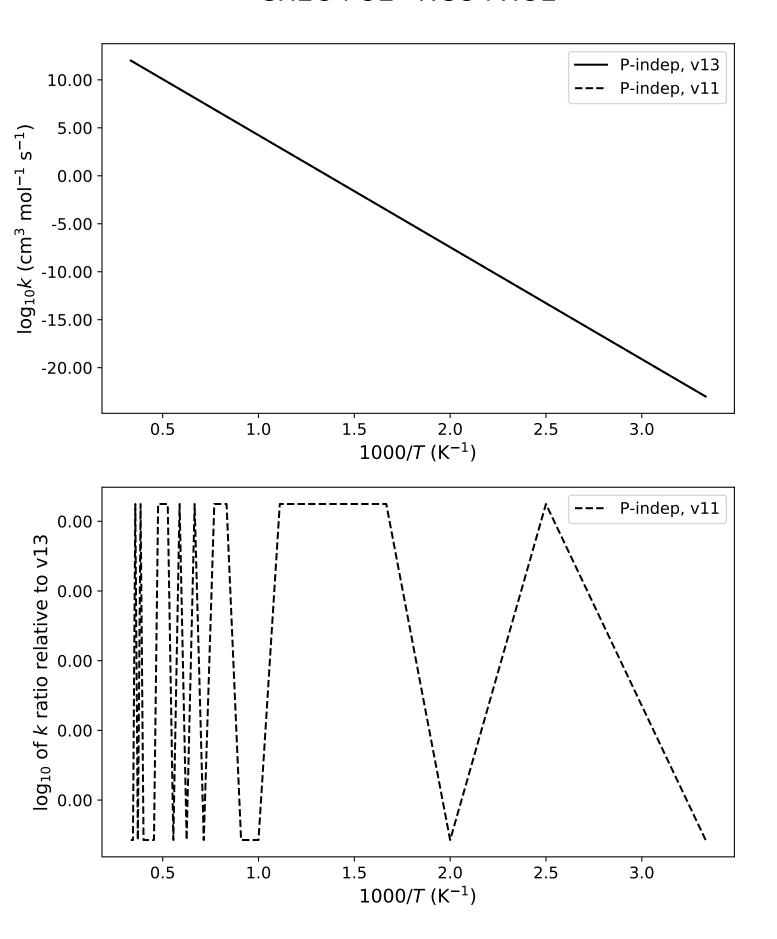
### CH2+O2=CO2+H2



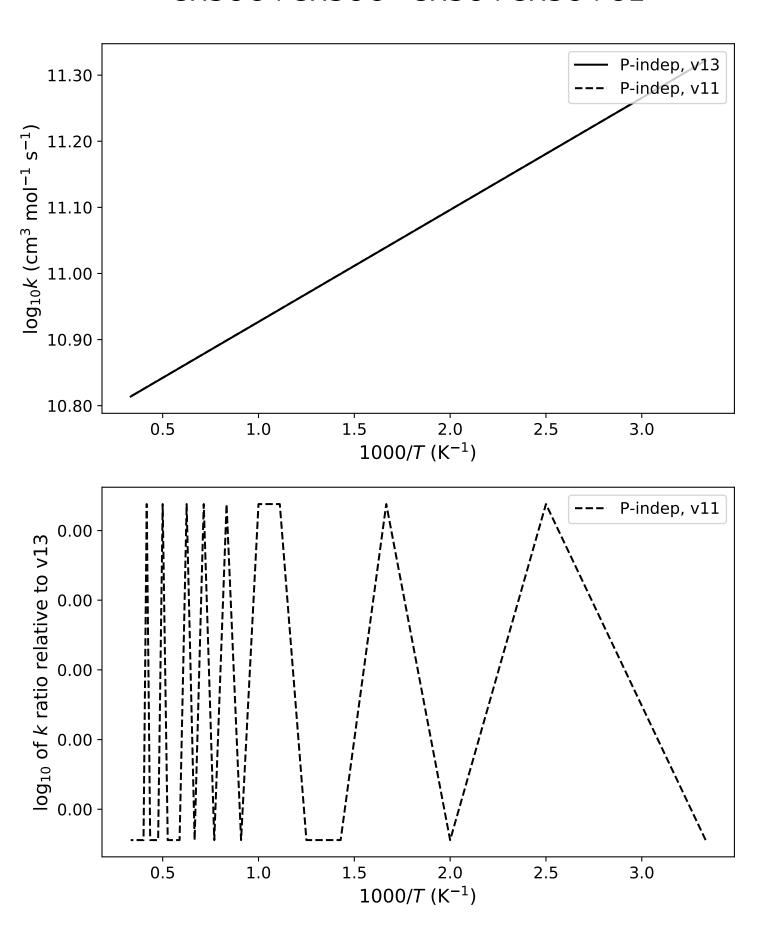
### CH2+CO2=CH2O+CO



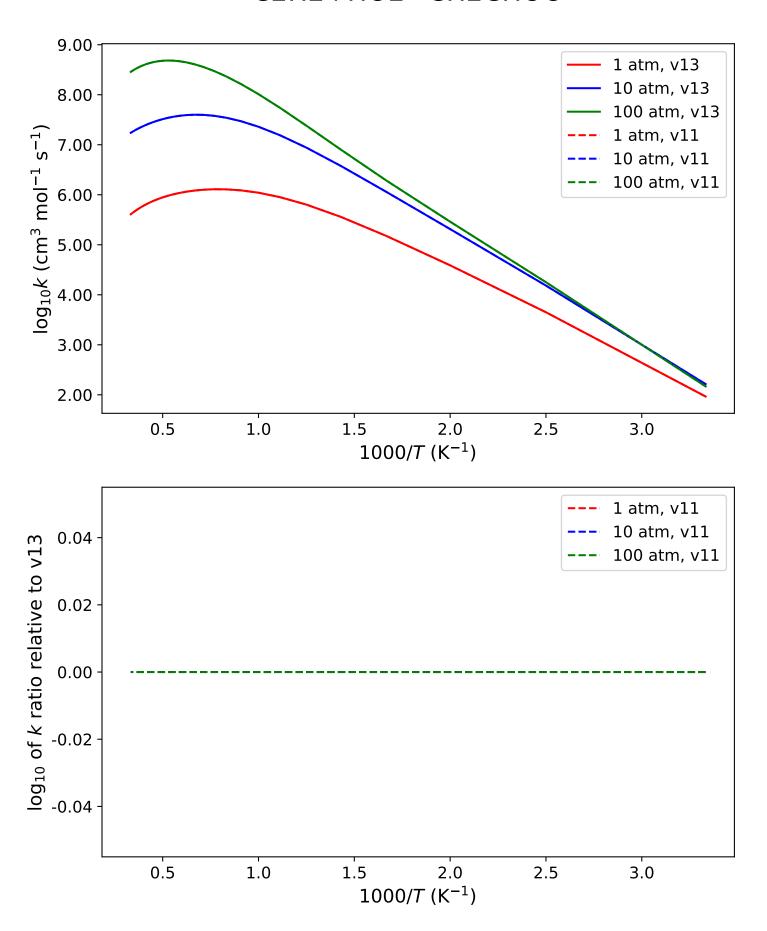
### CH2O+O2=HCO+HO2



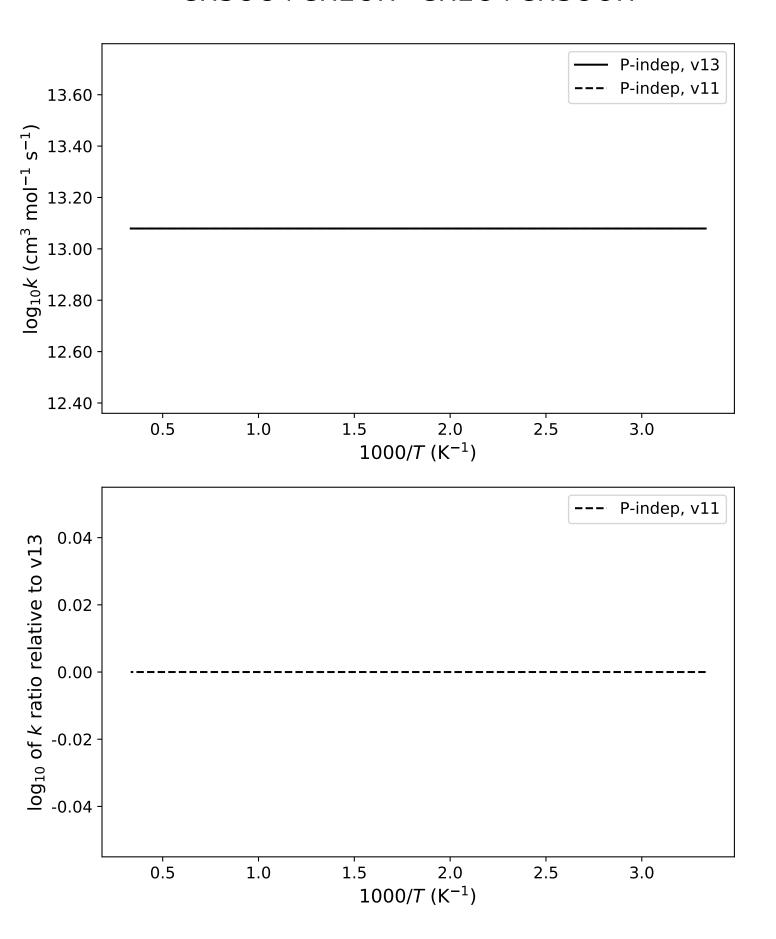
### CH3OO+CH3OO=CH3O+CH3O+O2



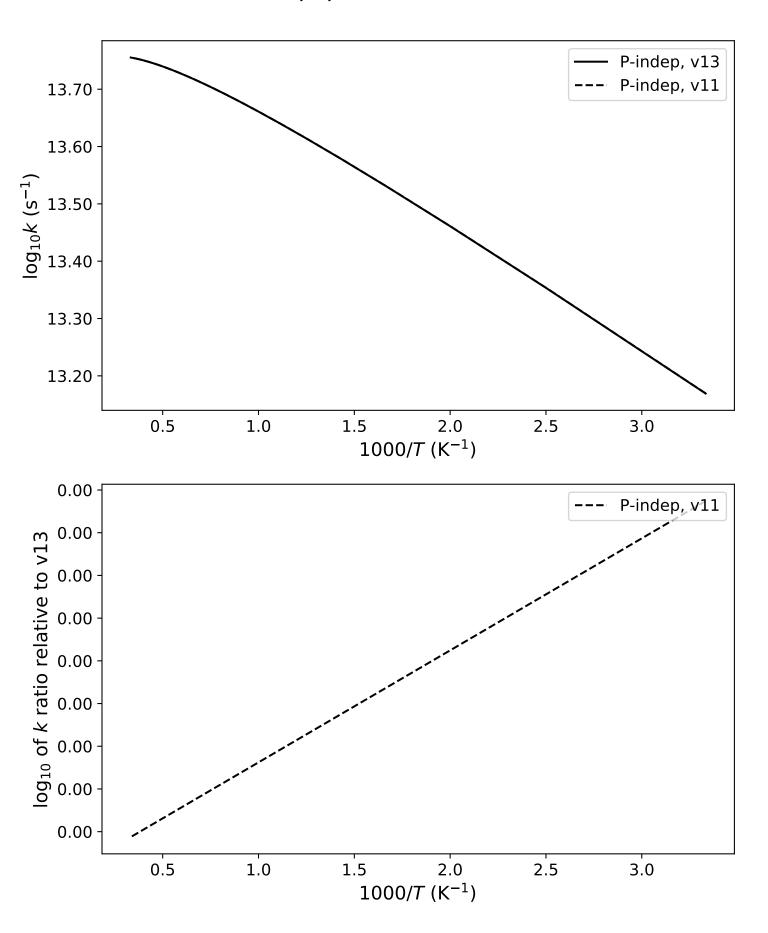
#### C2H2+HO2=CH2CHOO



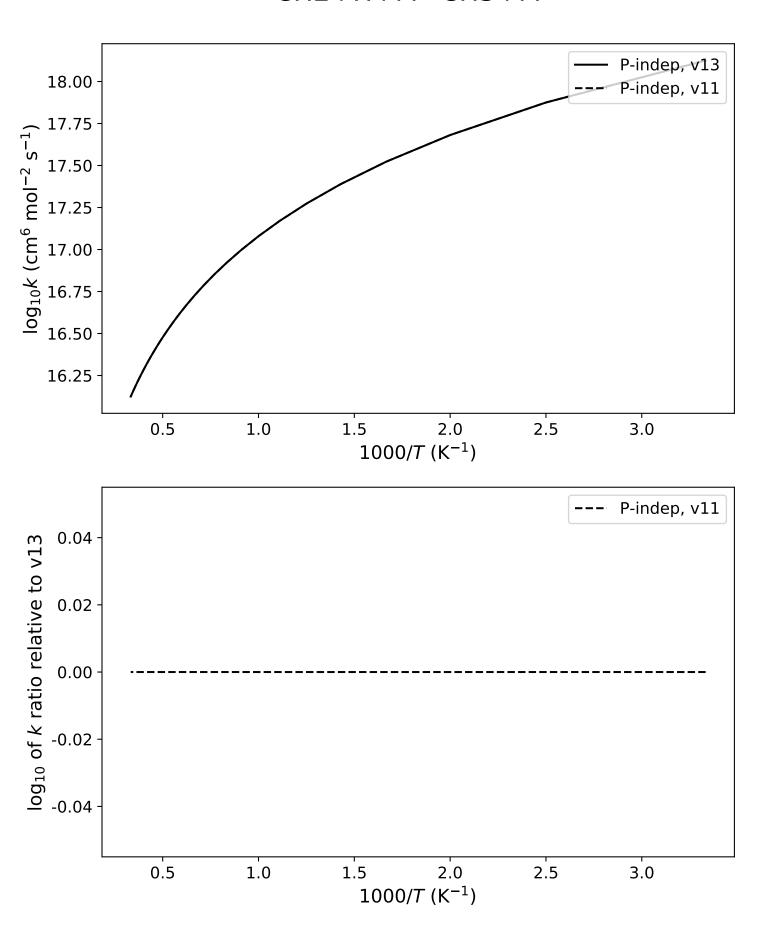
#### CH3OO+CH2OH=CH2O+CH3OOH



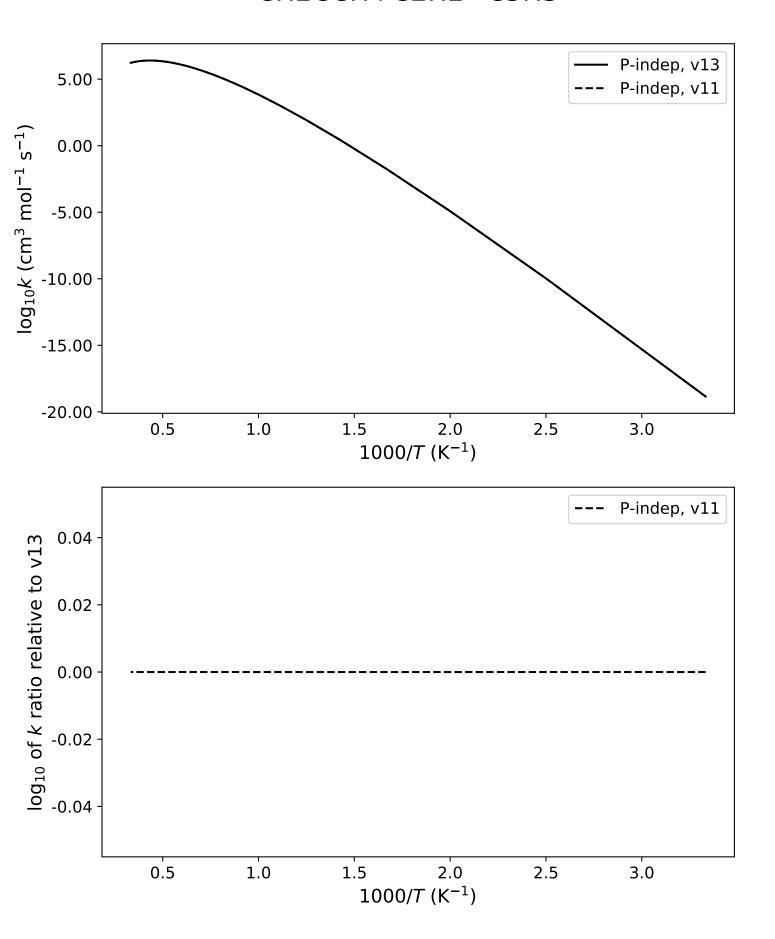
# CH3CH(O)CHO=HCO+CH3CHO



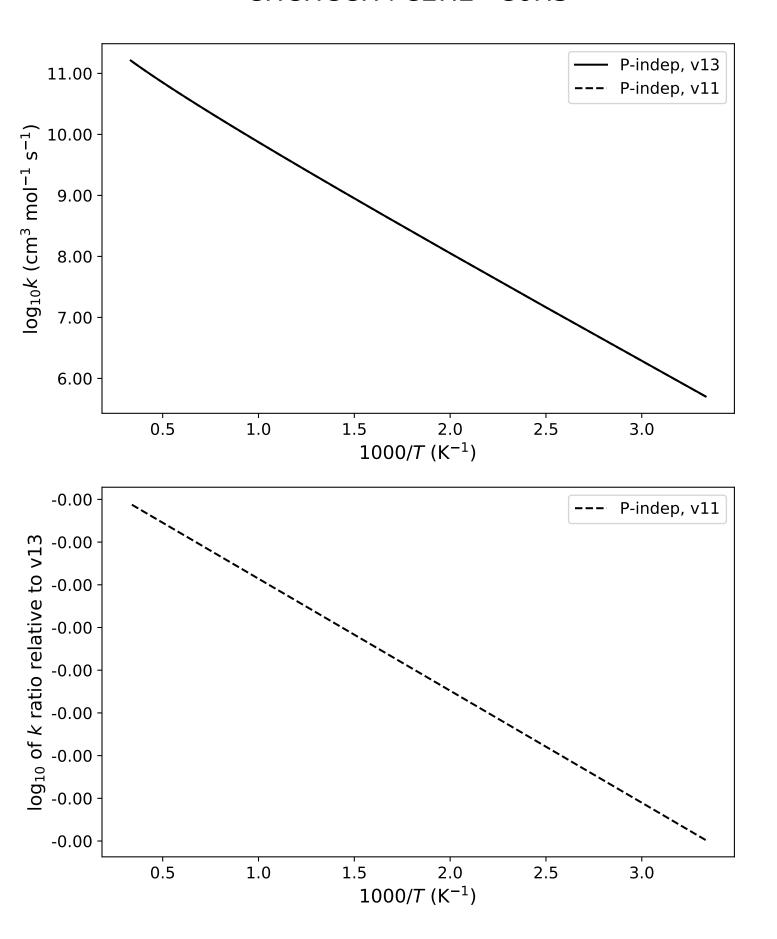
### CH2+H+M=CH3+M



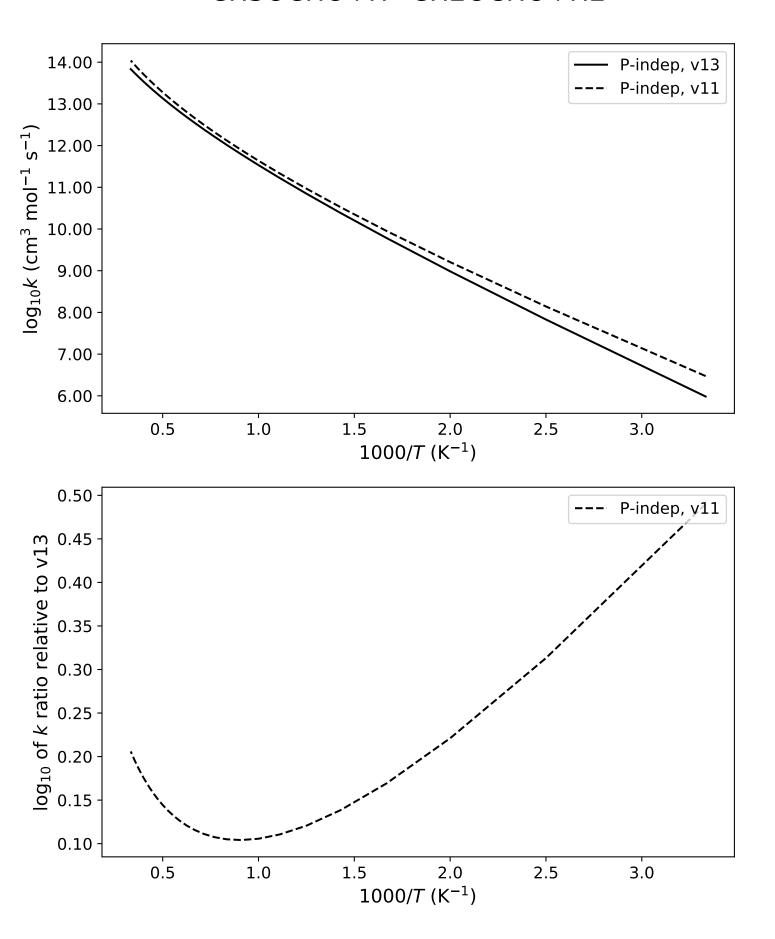
#### CH2CCH+C2H2=C5H5



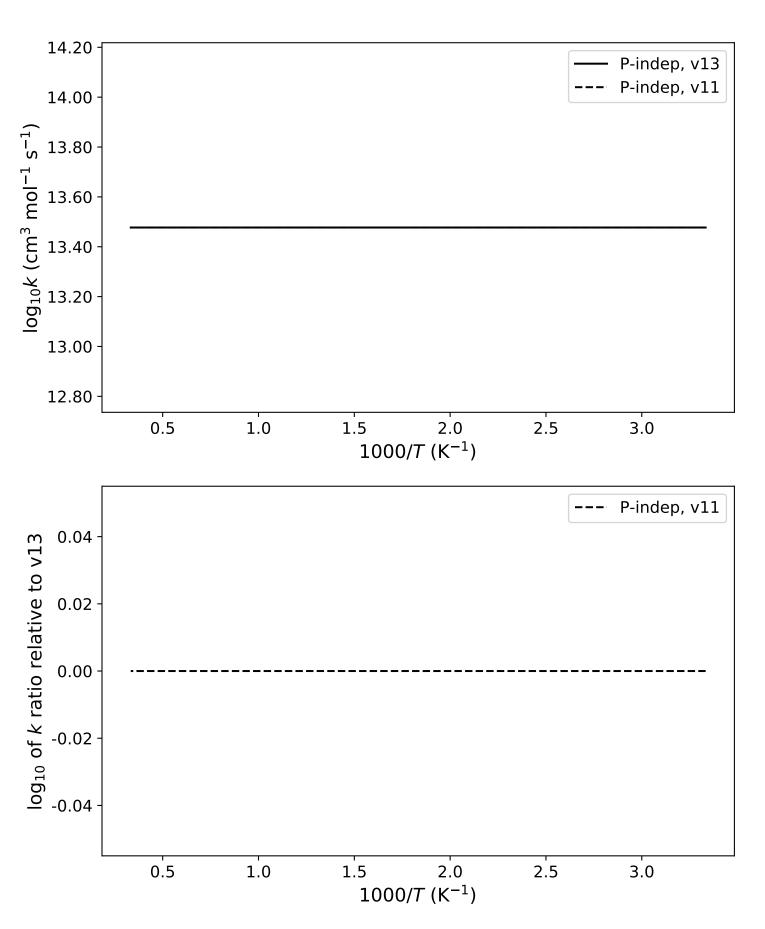
#### CHCHCCH+C2H2=C6H5



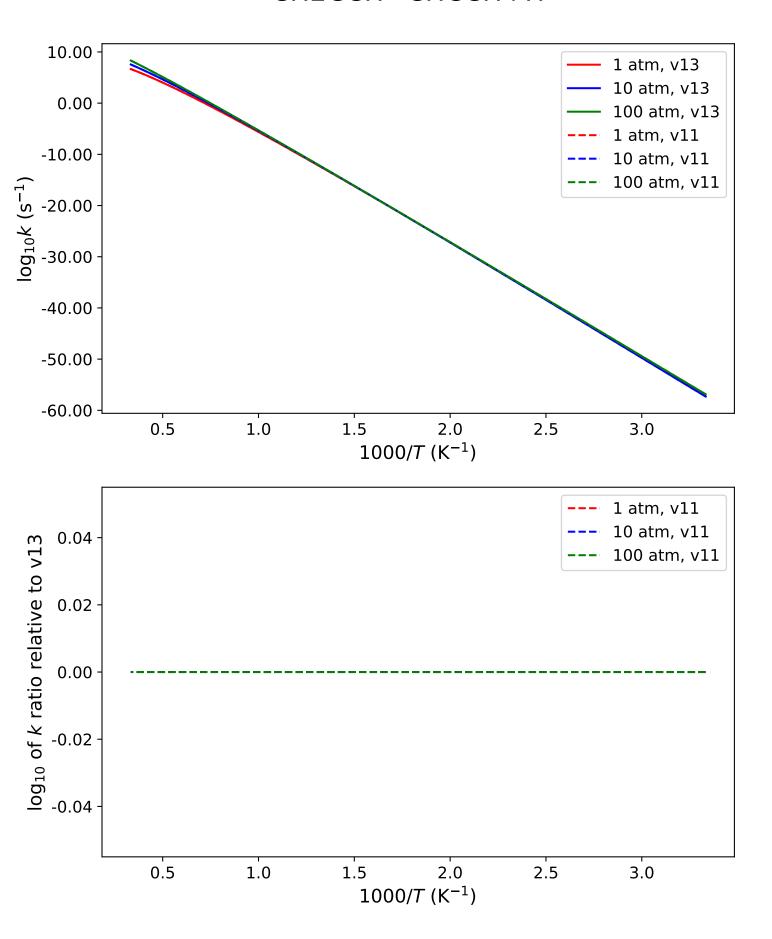
#### CH3OCHO+H=CH2OCHO+H2



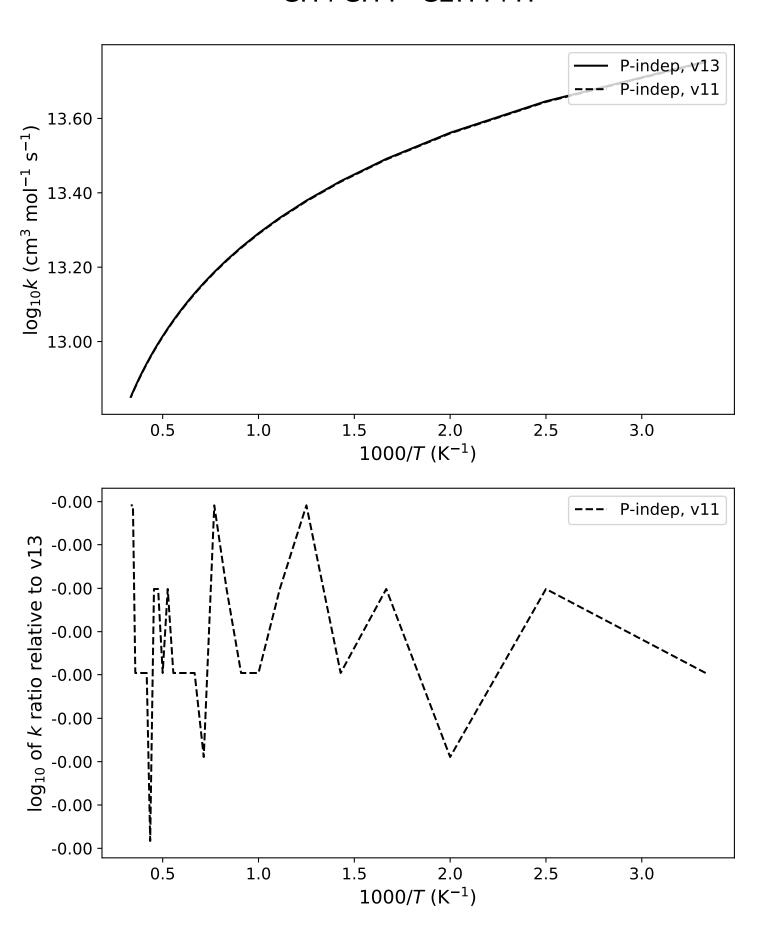
### HCO+O=CO+OH



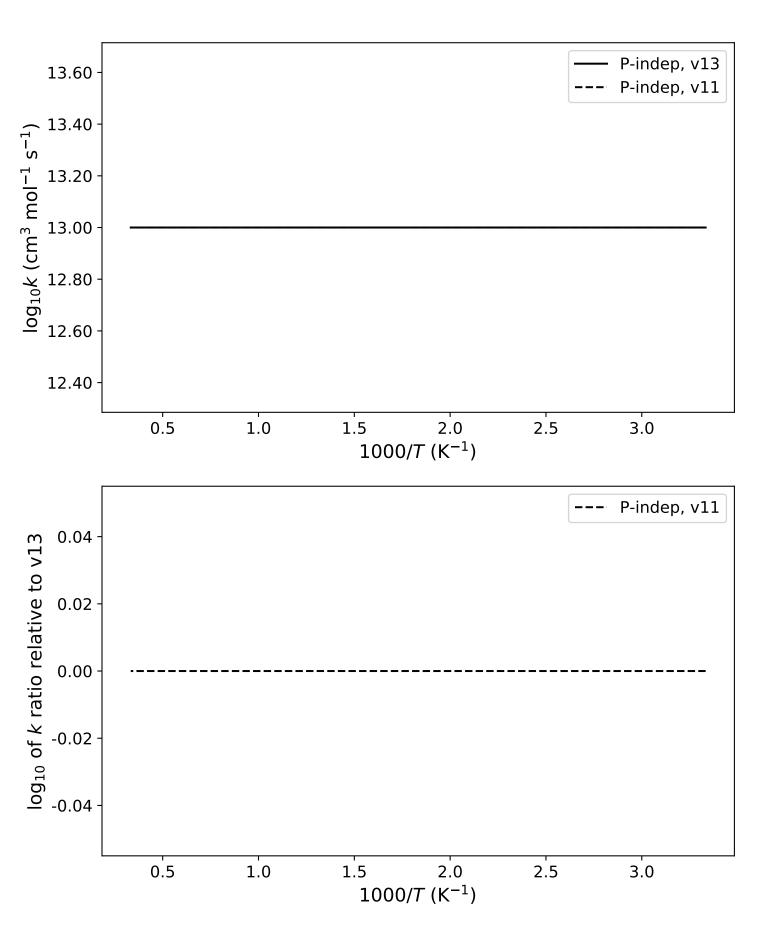
#### CH2CCH=CHCCH+H



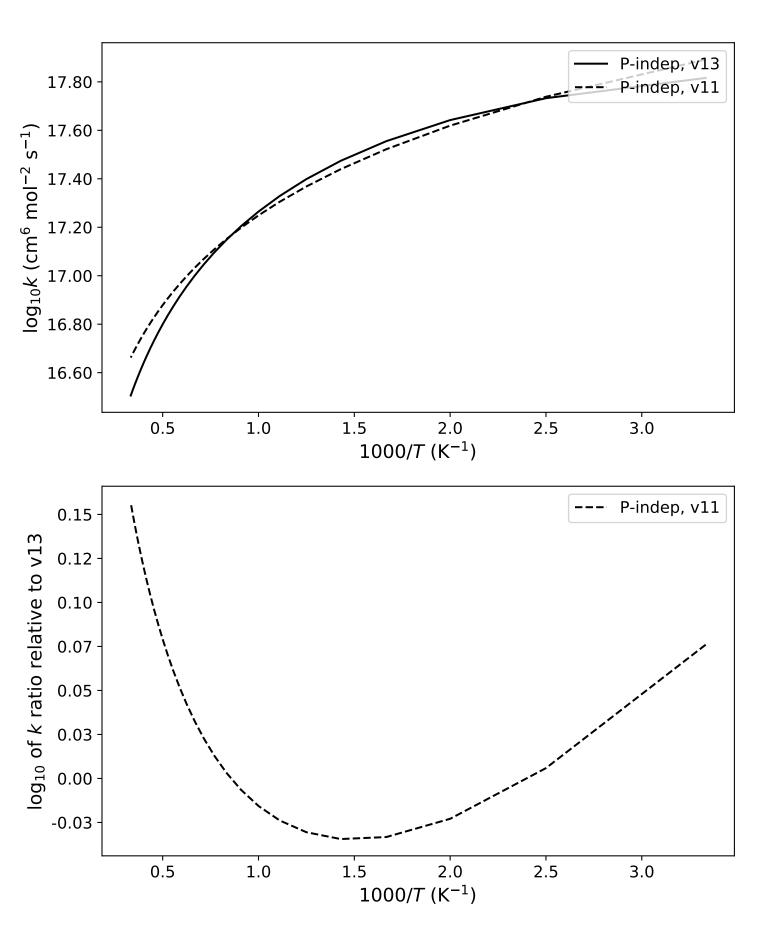
#### CH+CH4=C2H4+H



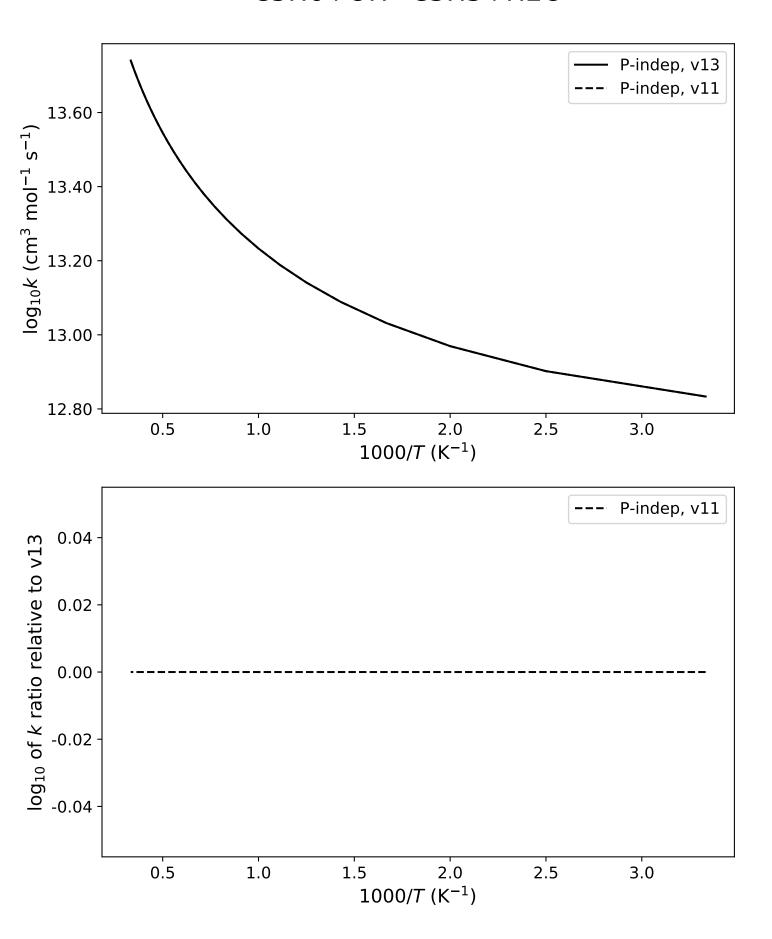
#### c-CHCCH+O2=C2H2+CO2



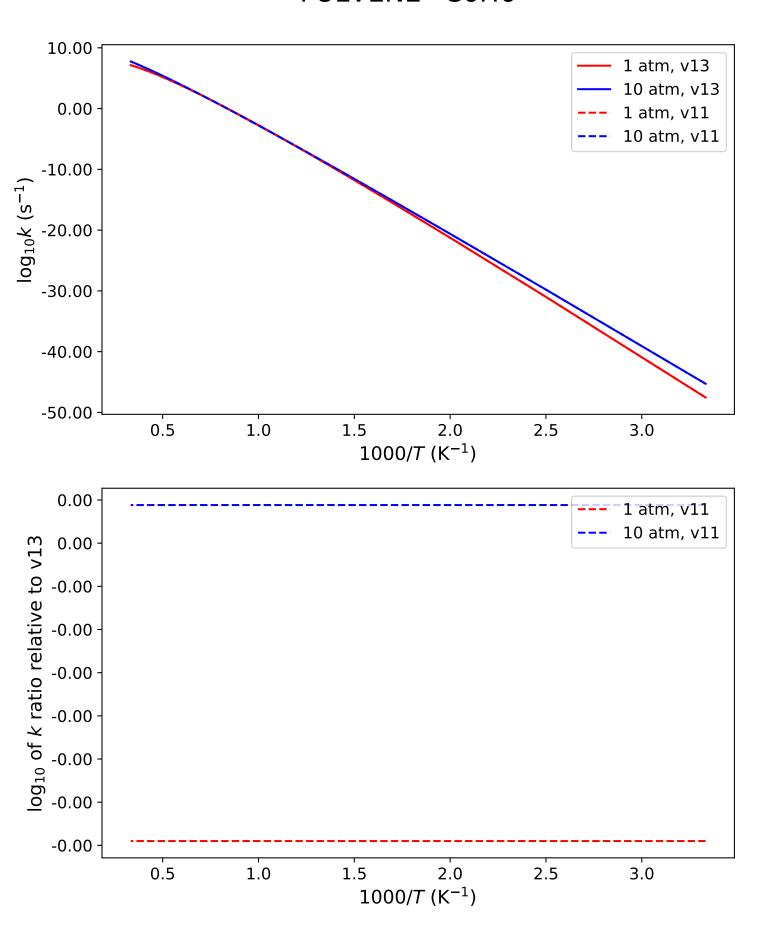
### H+H+O2=H2+O2



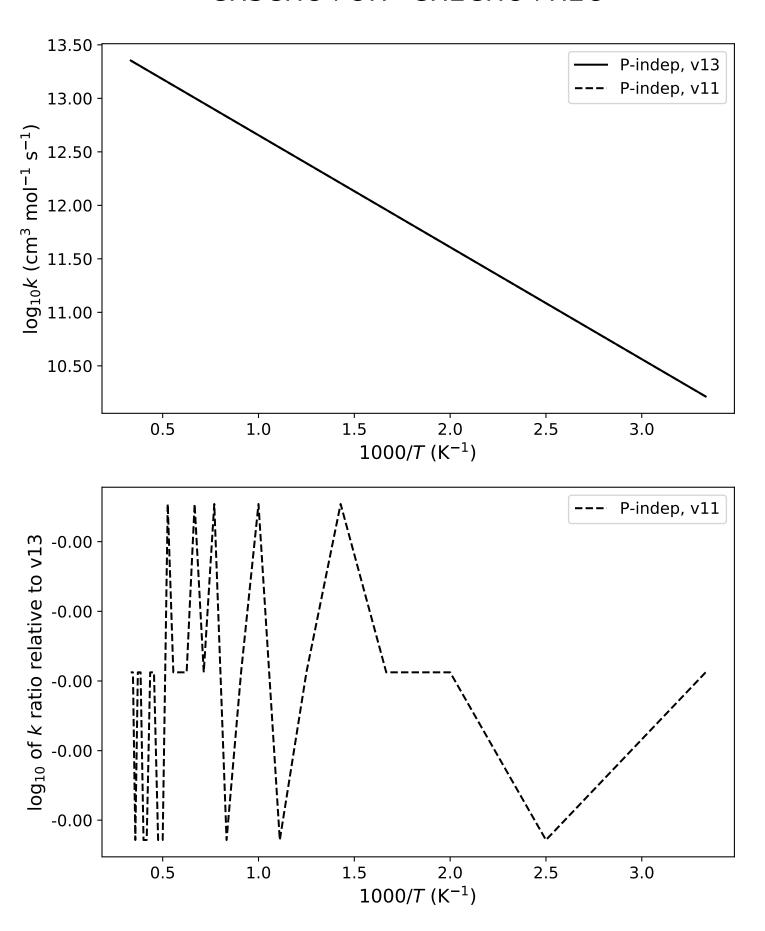
#### C5H6+OH=C5H5+H2O



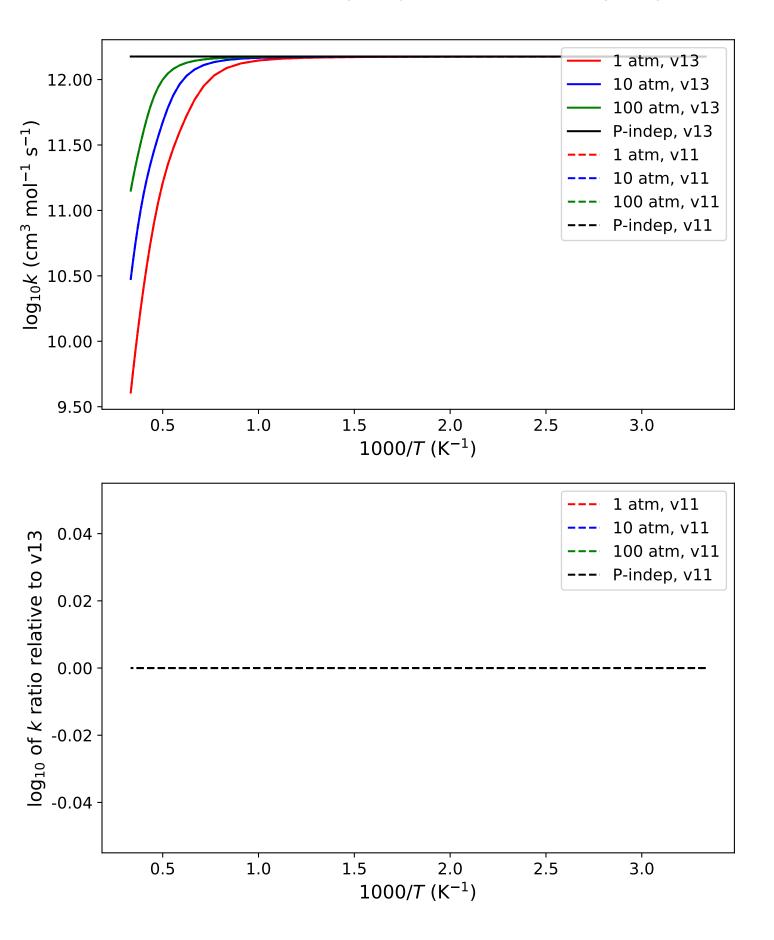
#### FULVENE=C6H6



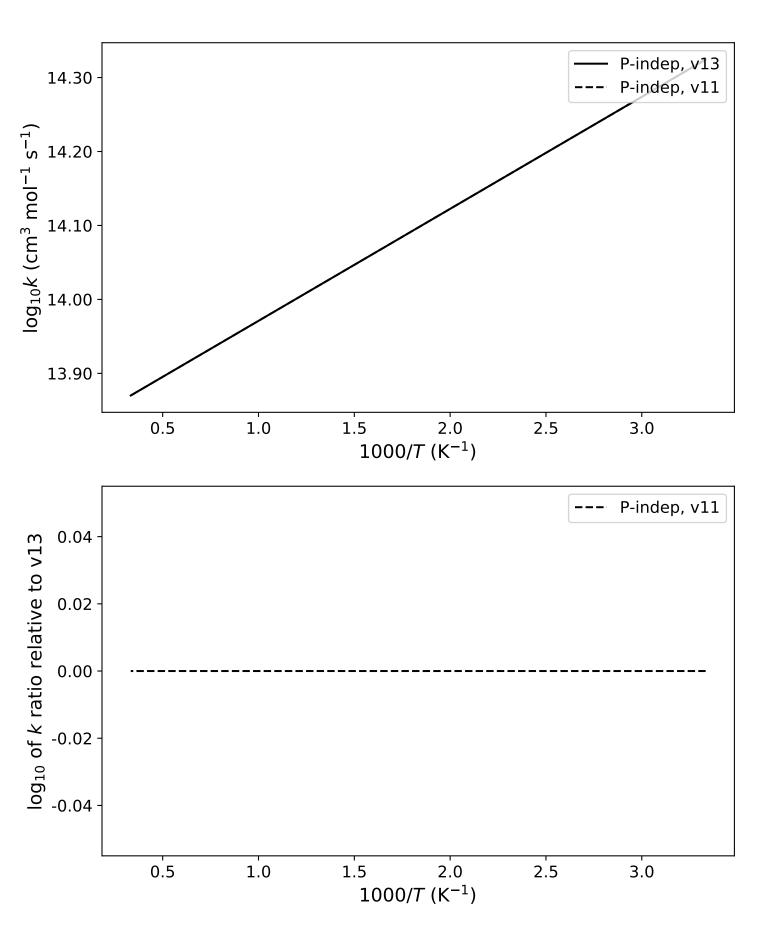
### CH3CHO+OH=CH2CHO+H2O



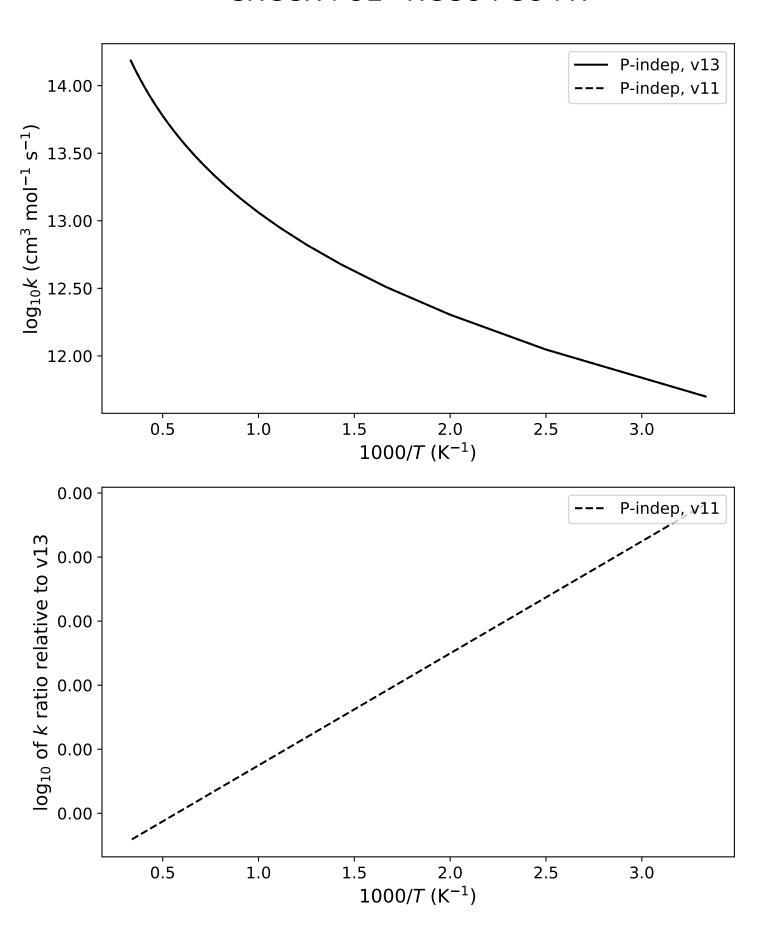
#### CH2CCH+CH3(+M)=CH2CCHCH3(+M)



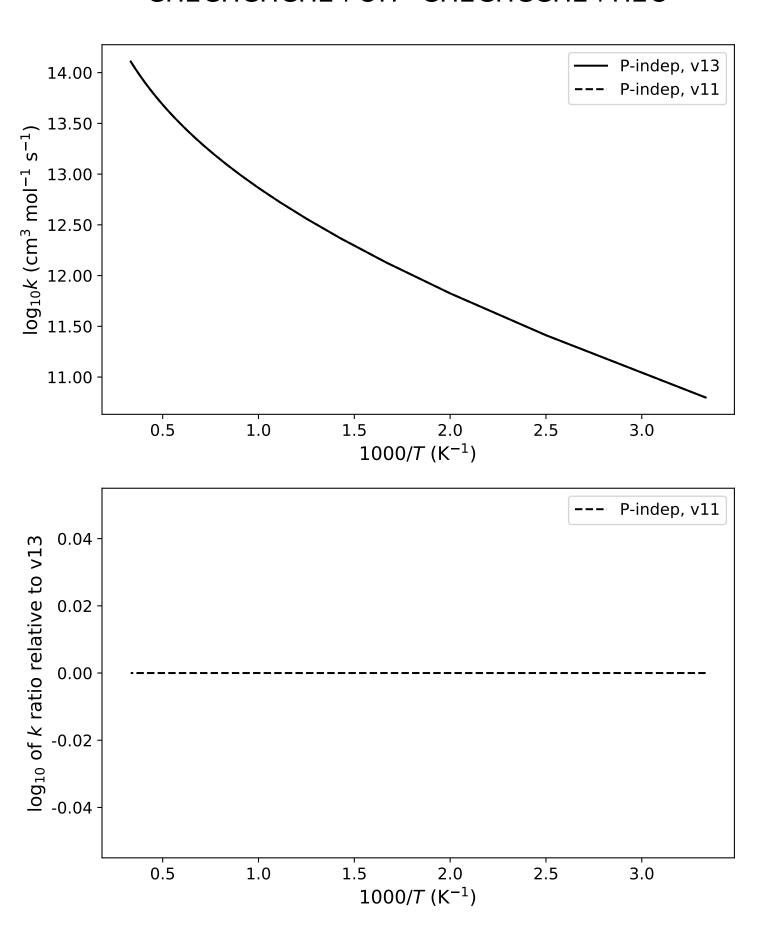
## CH2OH+O=CH2O+OH



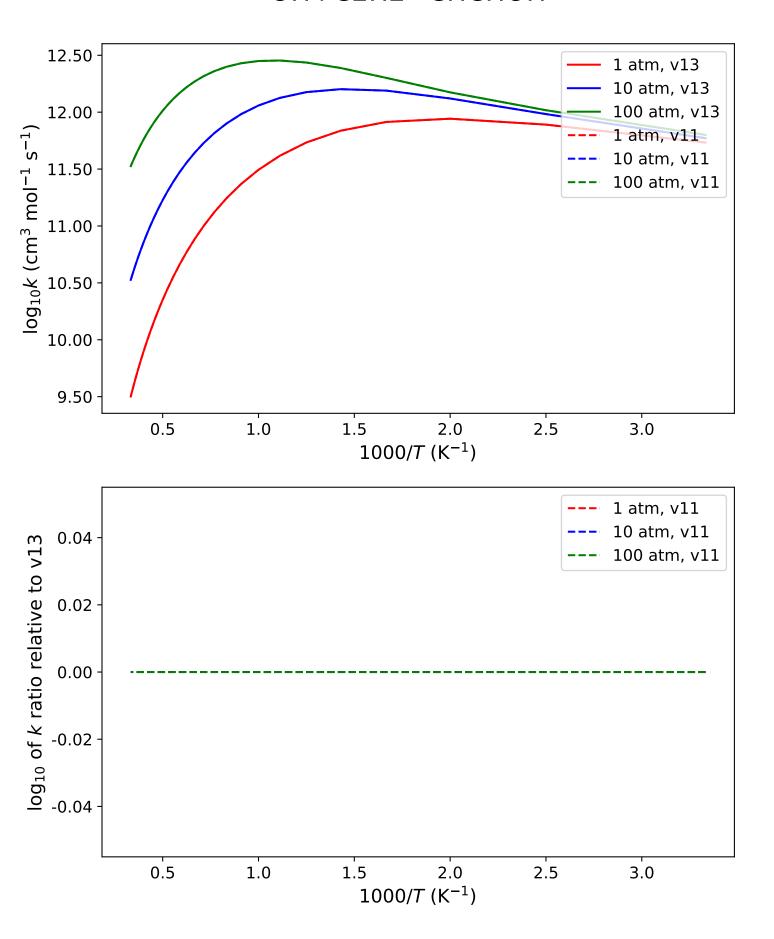
### CHCCH+O2=HCCO+CO+H



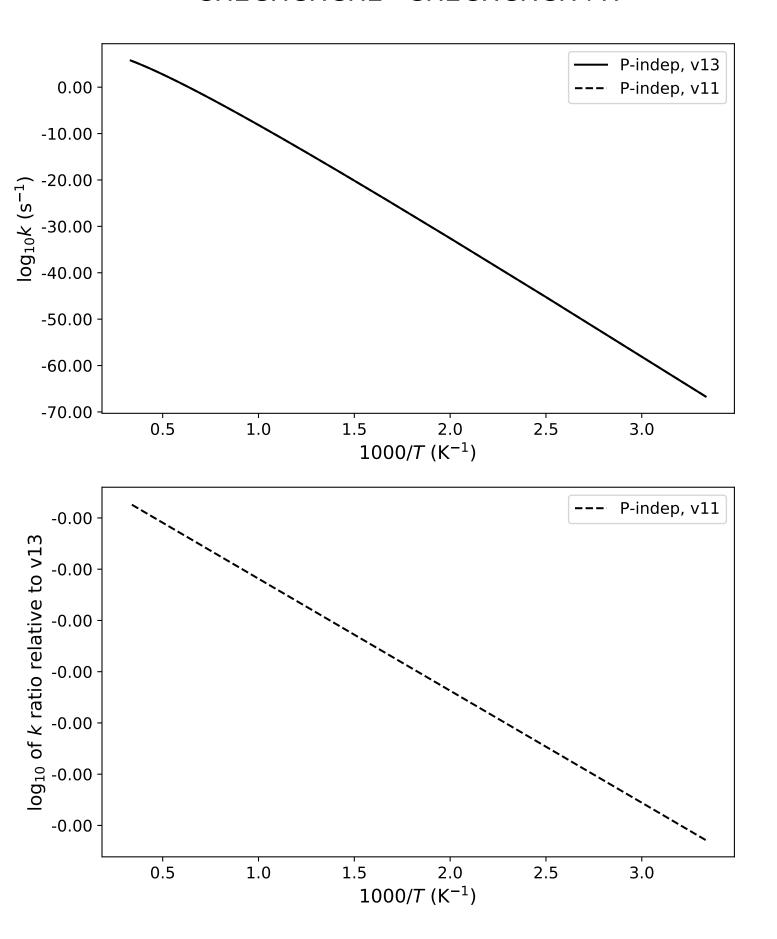
#### CH2CHCH2+OH=CH2CHCCH2+H2O



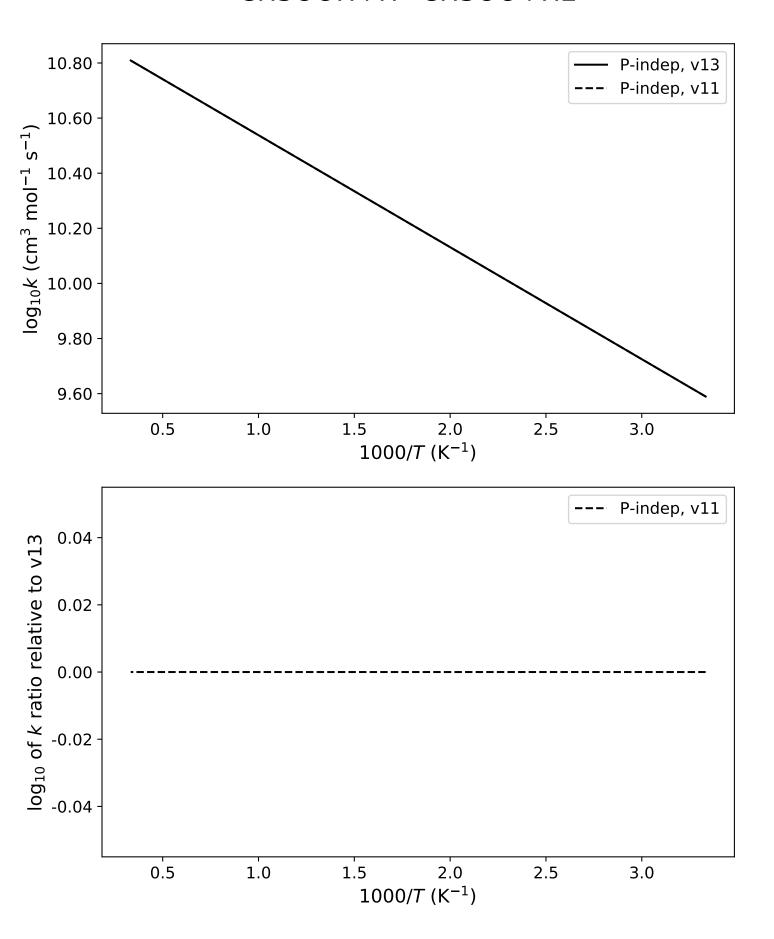
#### OH+C2H2=CHCHOH



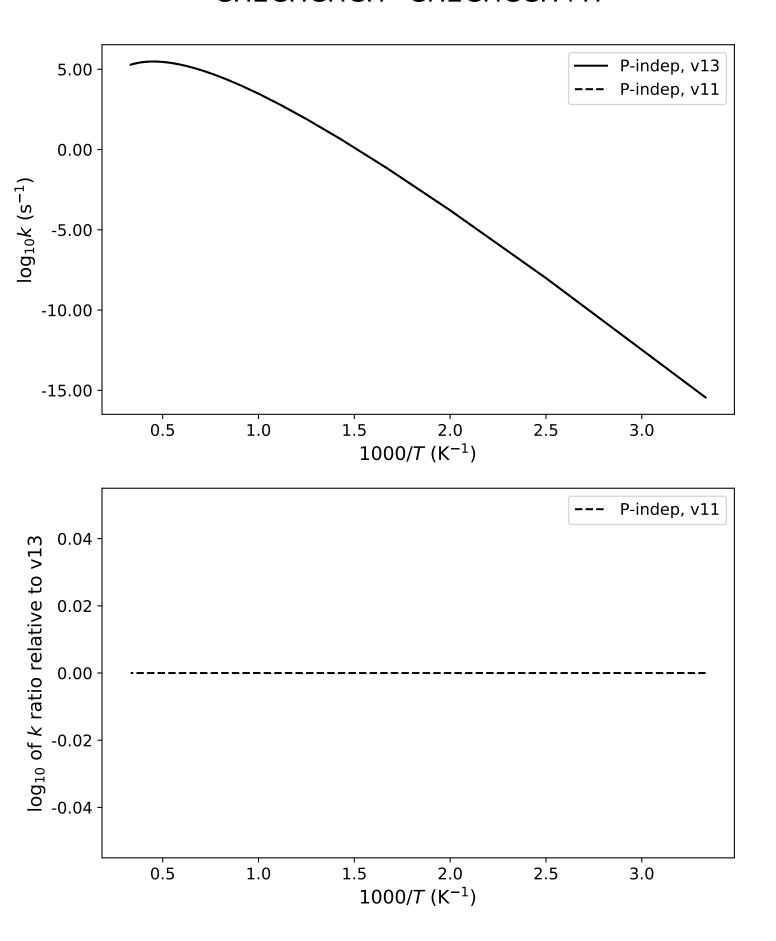
#### CH2CHCHCH2=CH2CHCHCH+H



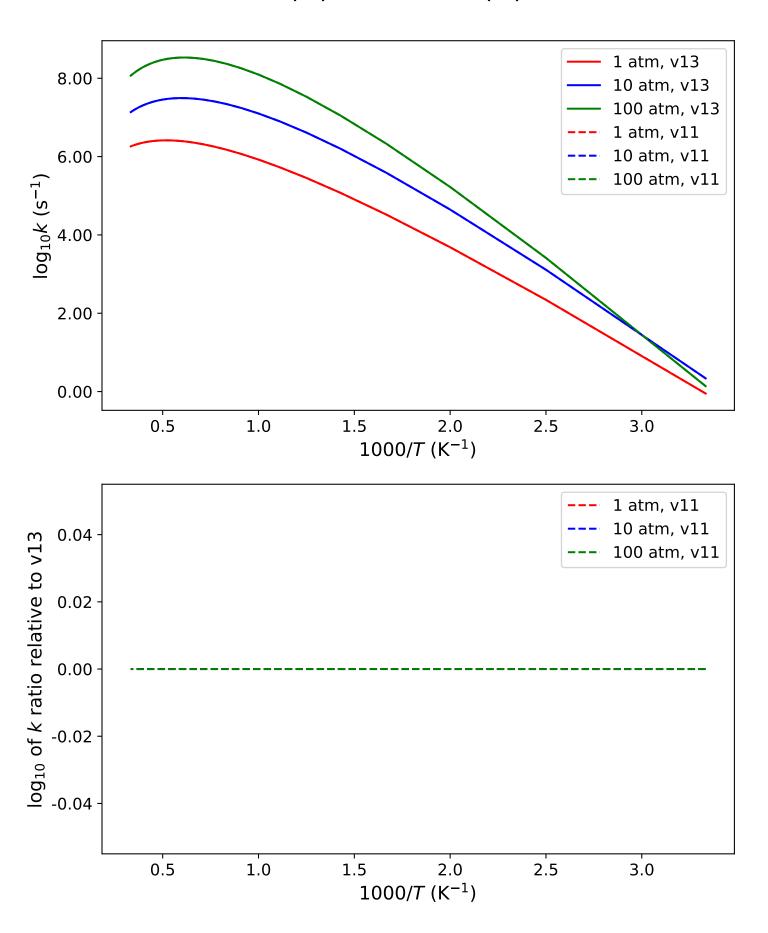
### CH3OOH+H=CH3OO+H2



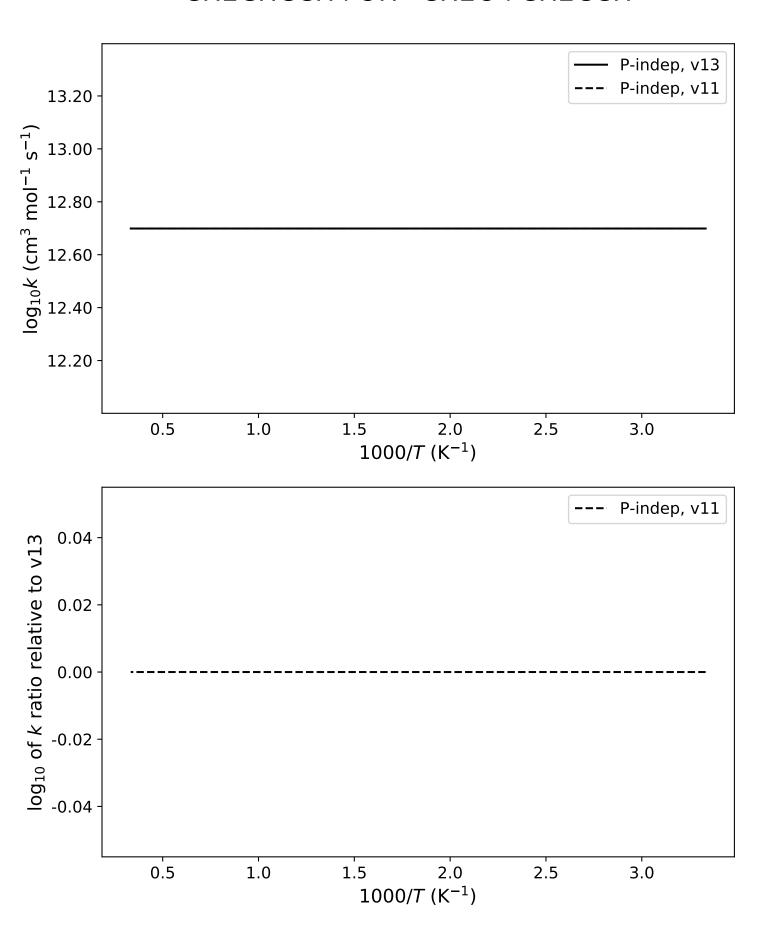
## CH2CHCHCH=CH2CHCCH+H



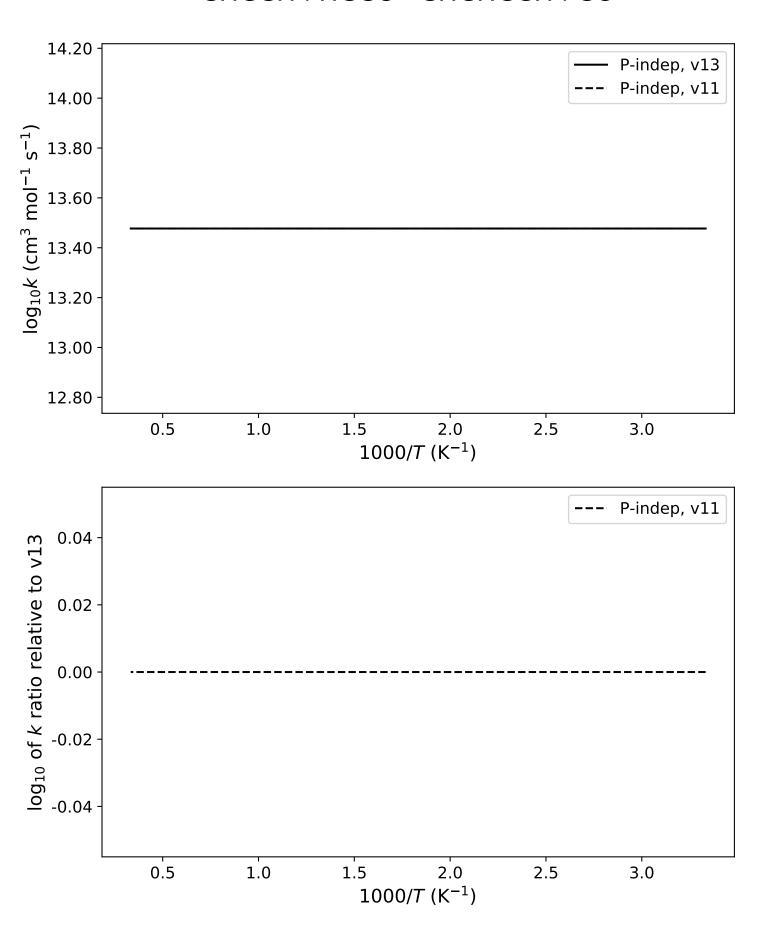
## CH3CH(O)CH3=CH3C(O)CH3+H



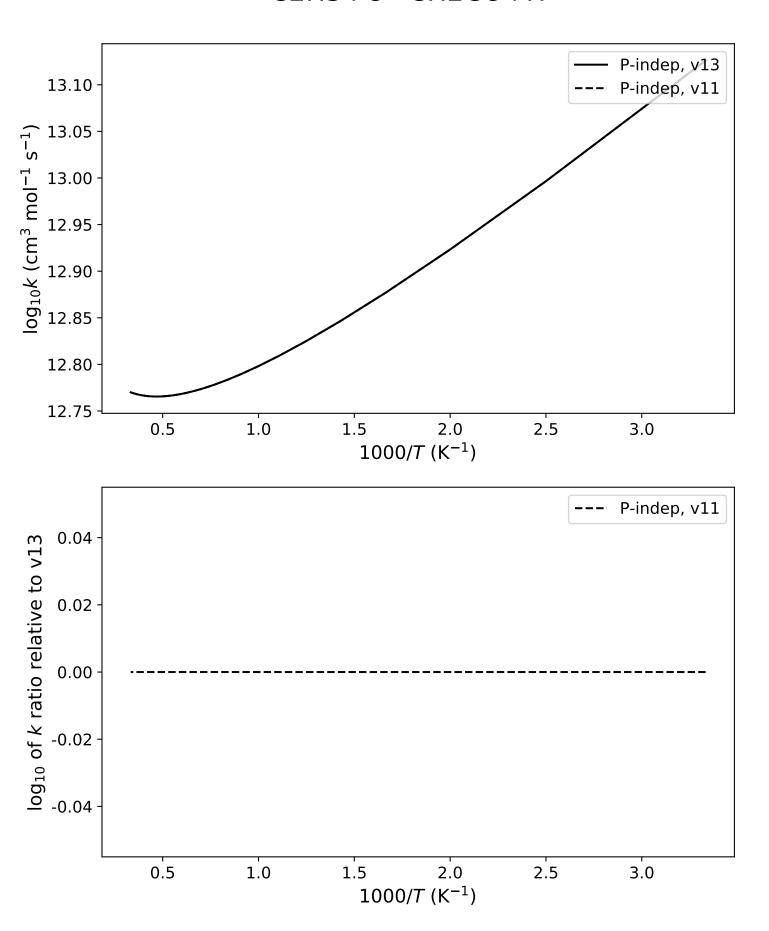
#### CH2CHCCH+OH=CH2O+CH2CCH



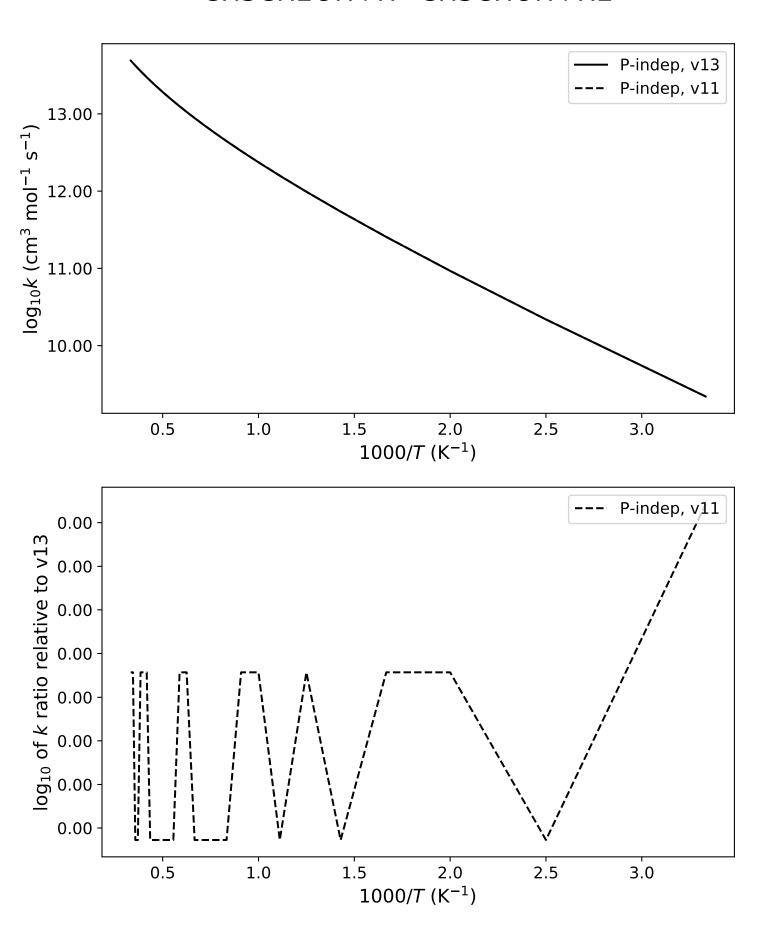
#### CHCCH+HCCO=CHCHCCH+CO



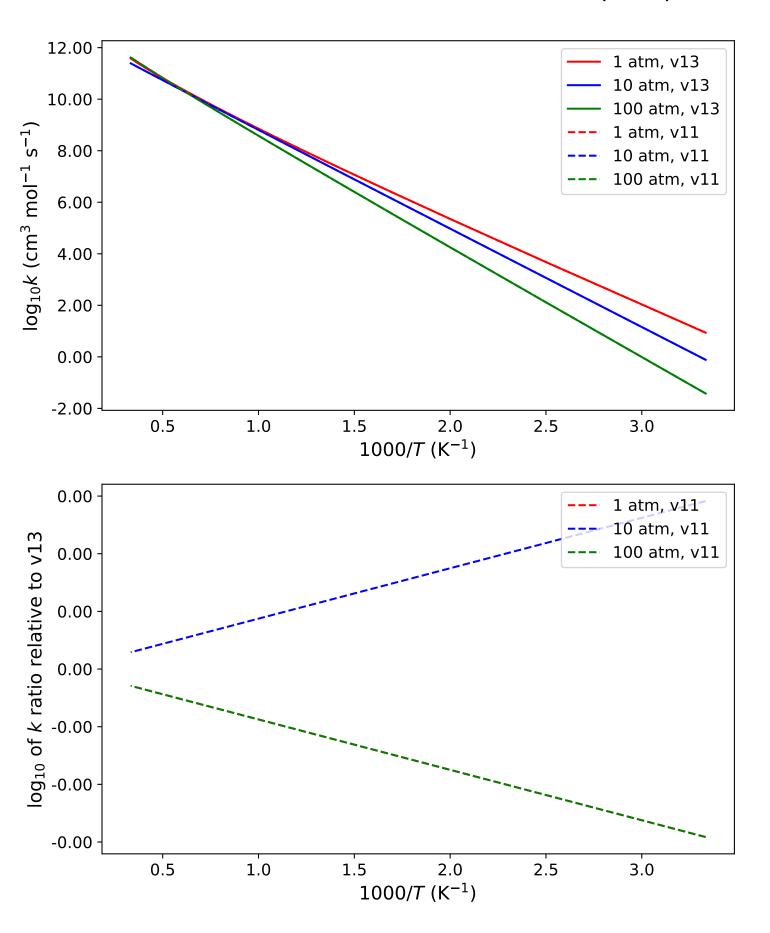
### C2H3+O=CH2CO+H



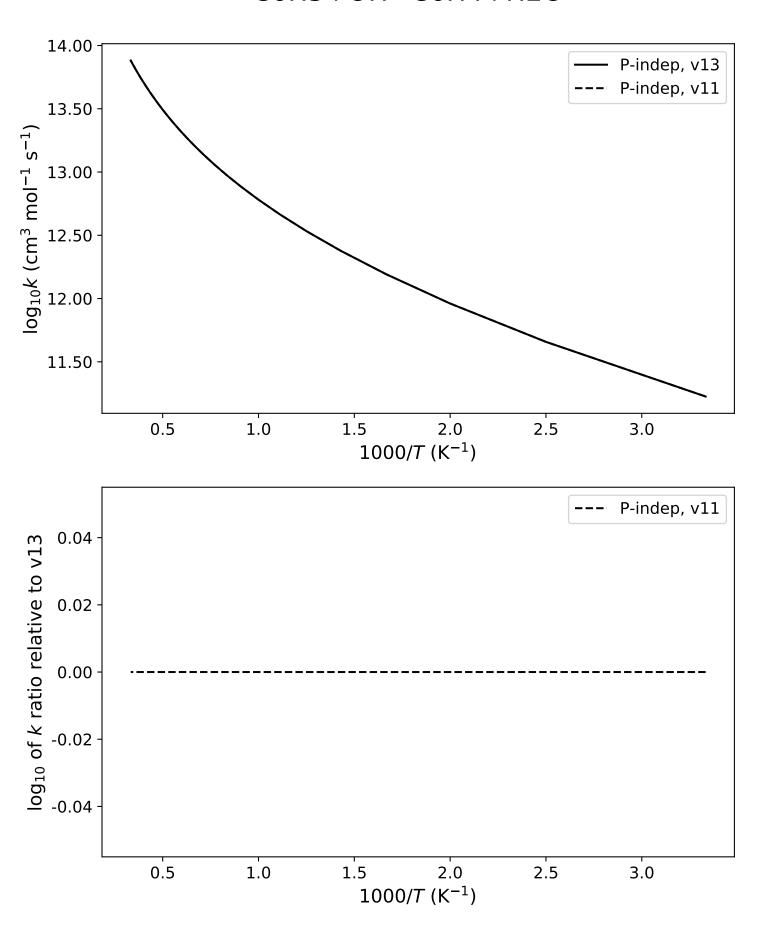
#### CH3CH2OH+H=CH3CHOH+H2



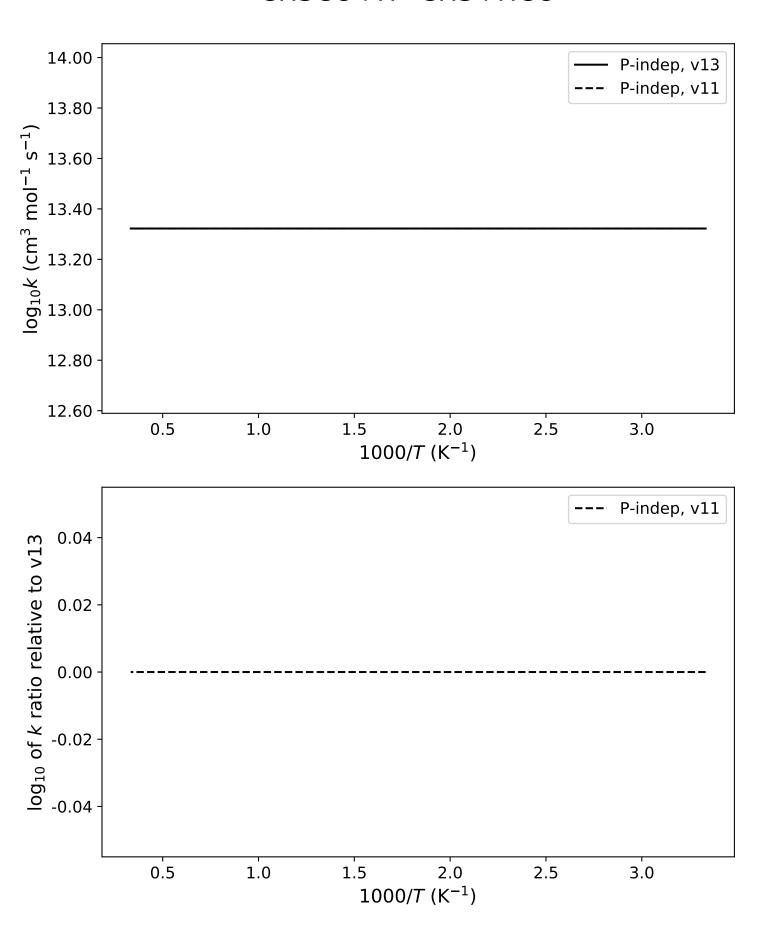
#### HO2+CH3CHCH2=OH+c-CH2OCH(CH3)



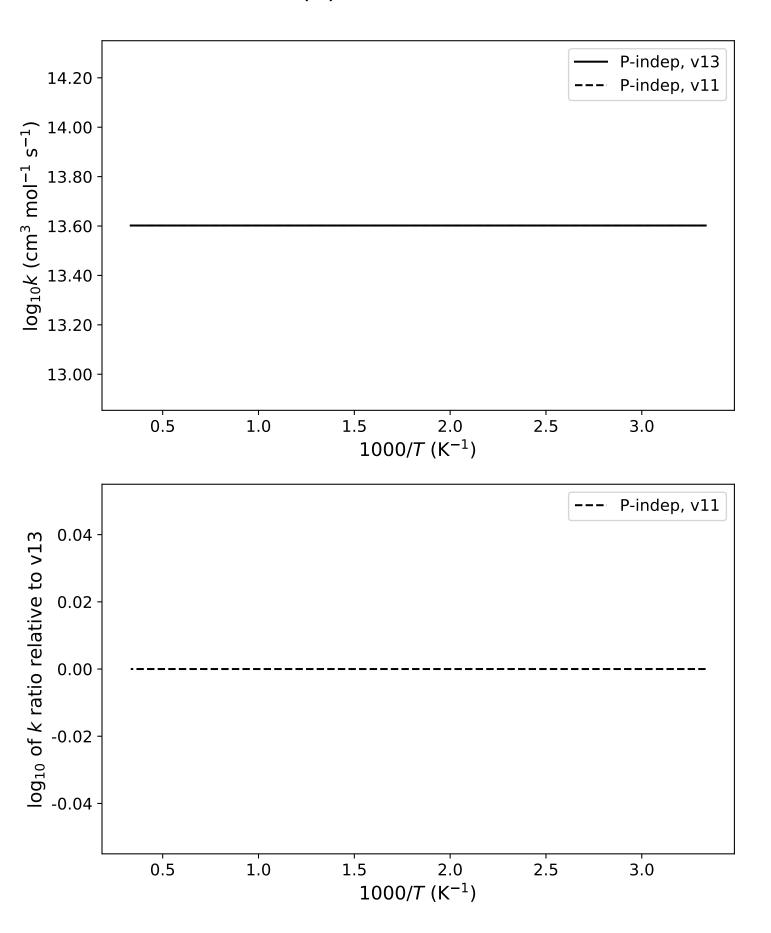
#### C6H5+OH=C6H4+H2O



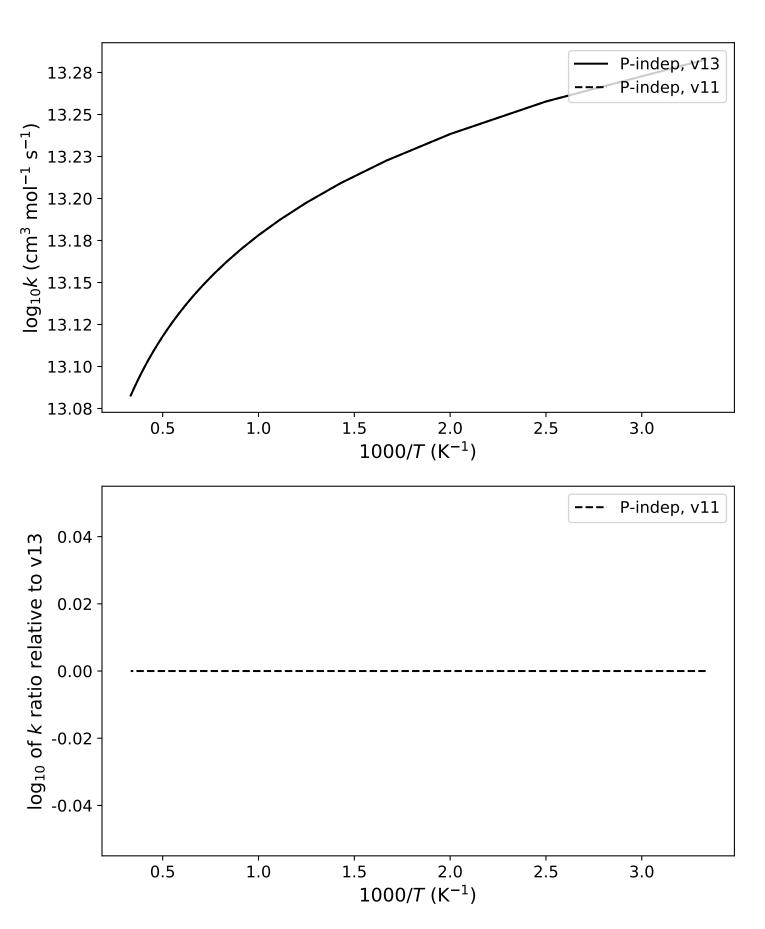
### CH3CO+H=CH3+HCO



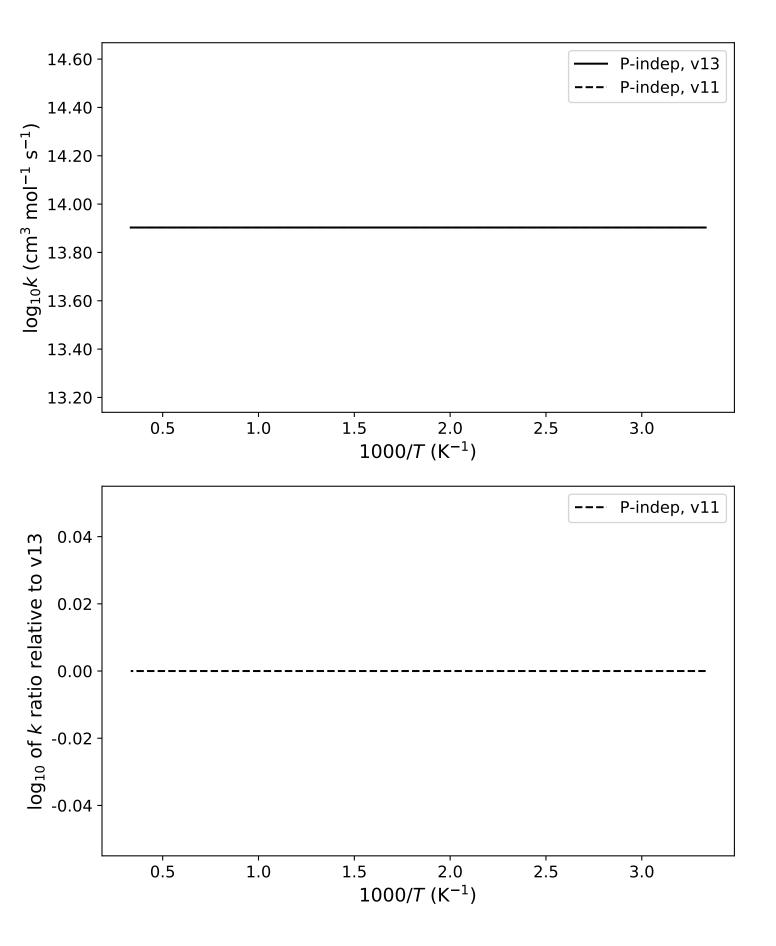
## CH2(S)+CH4=CH3+CH3



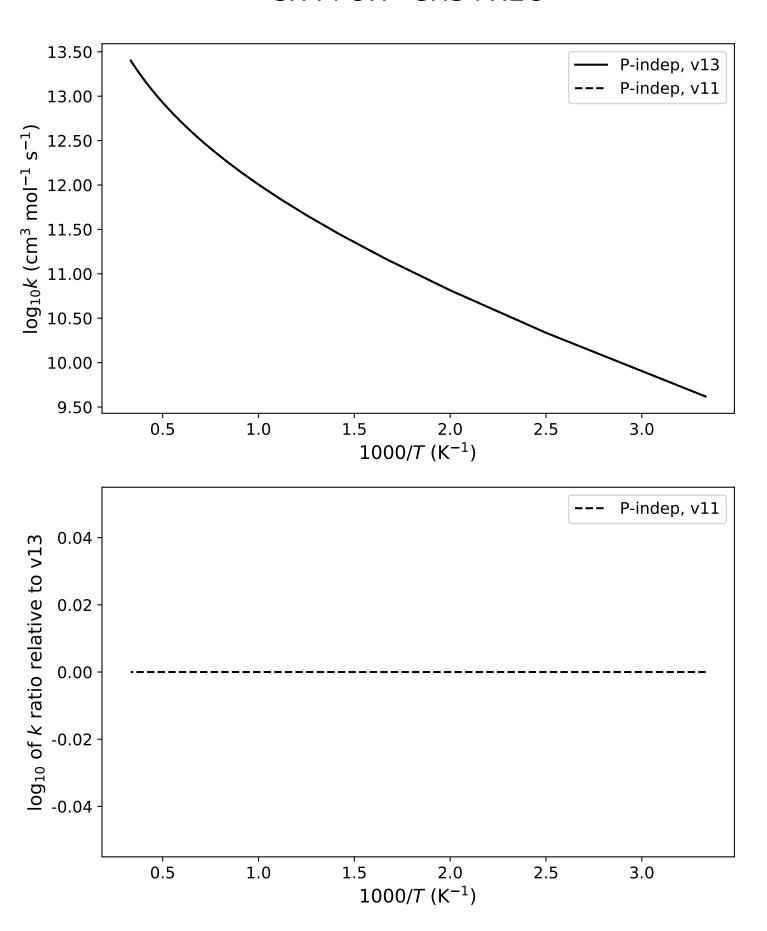
#### CH+C2H2=c-CHCCH+H



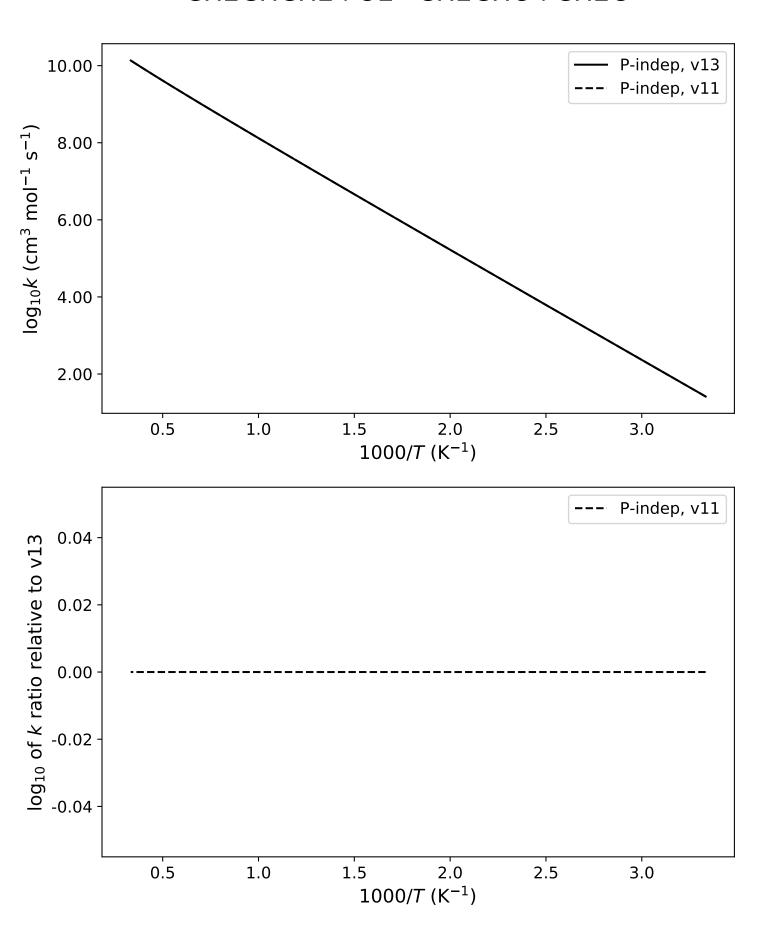
#### CH2CCH+CH2=CH2CHCCH+H



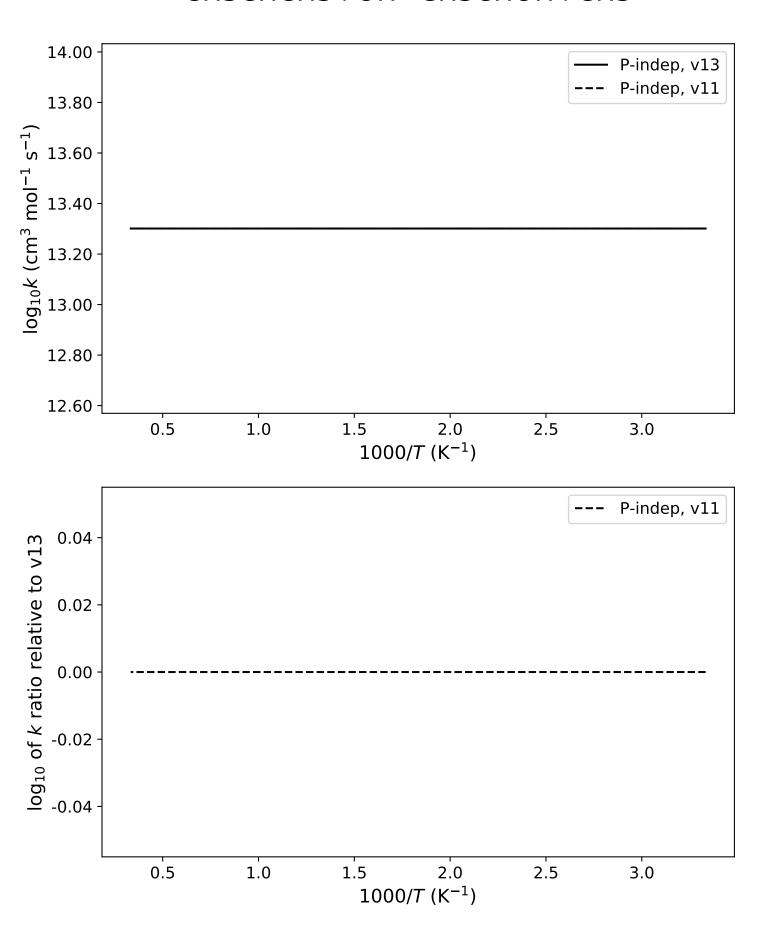
#### CH4+OH=CH3+H2O



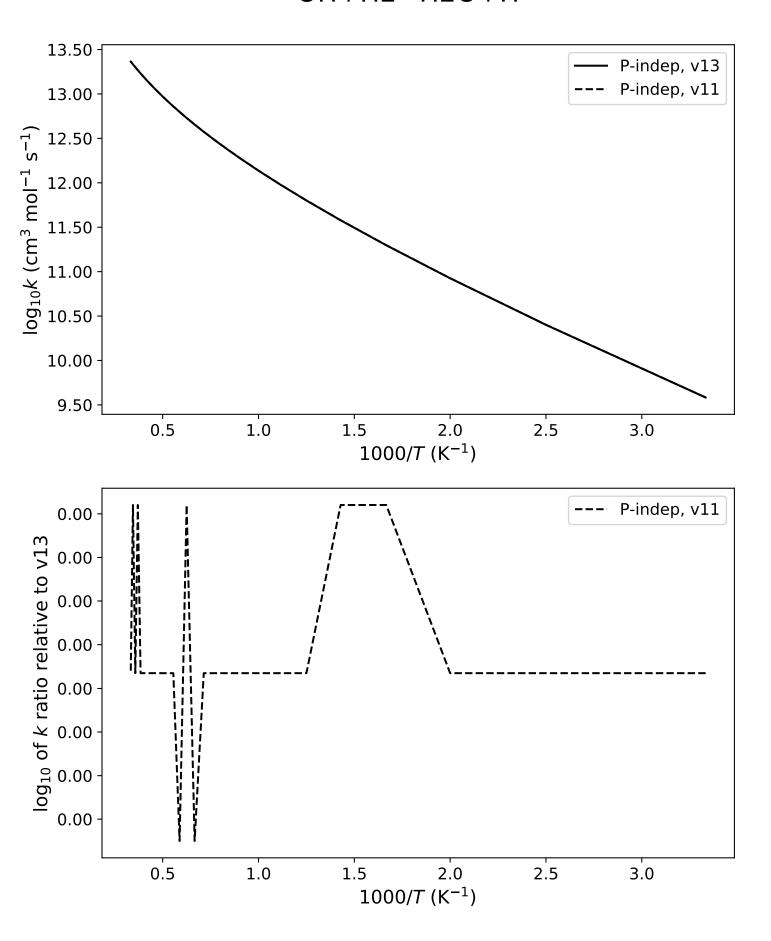
### CH2CHCH2+O2=CH2CHO+CH2O



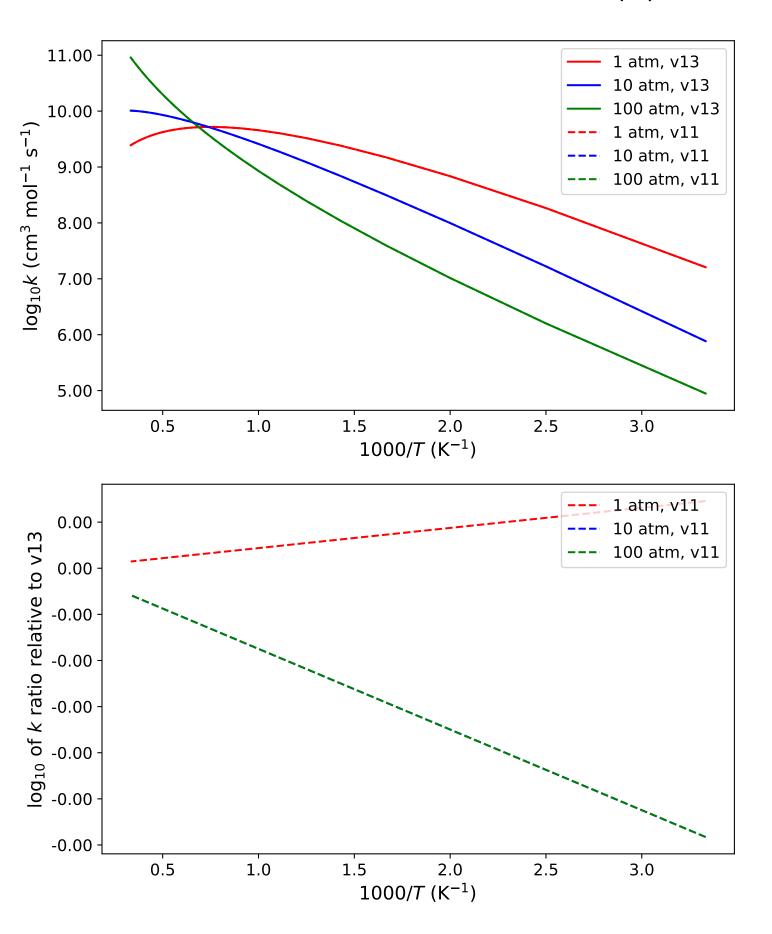
### CH3CHCH3+OH=CH3CHOH+CH3



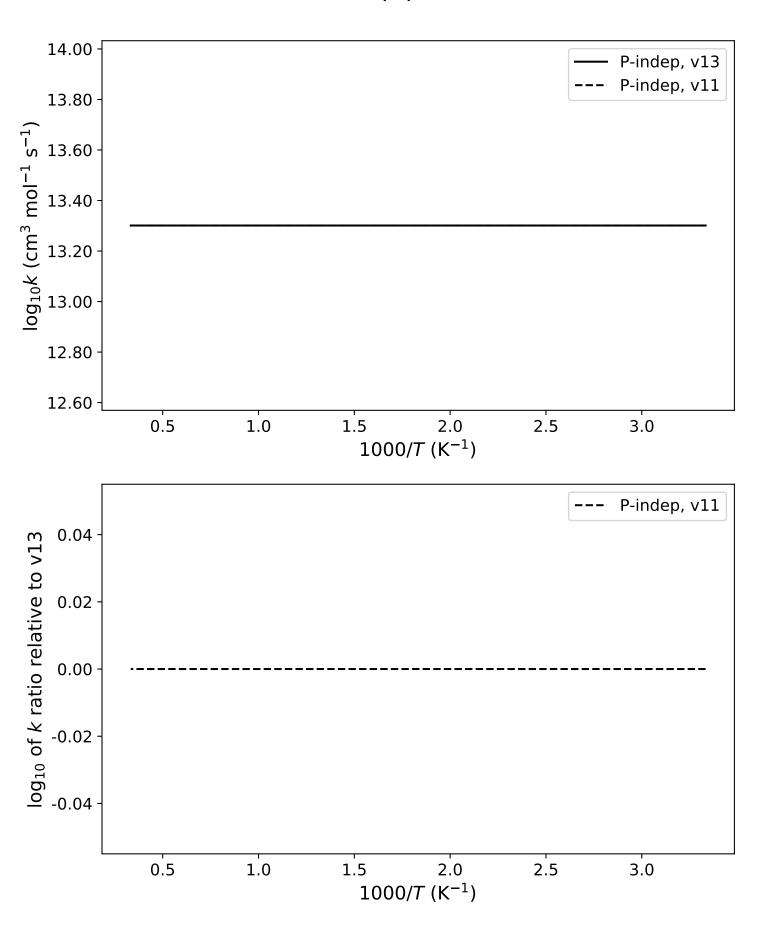
### OH+H2=H2O+H



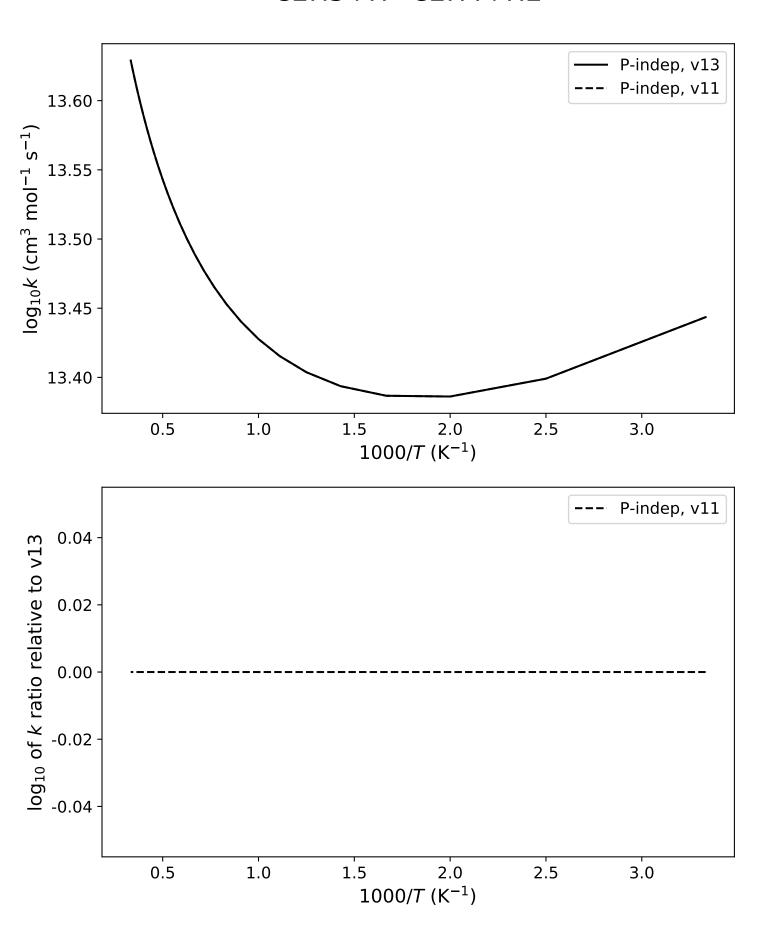
### O2+CH3CHCH2OOH=OH+OH+CH3CH(O)CHO



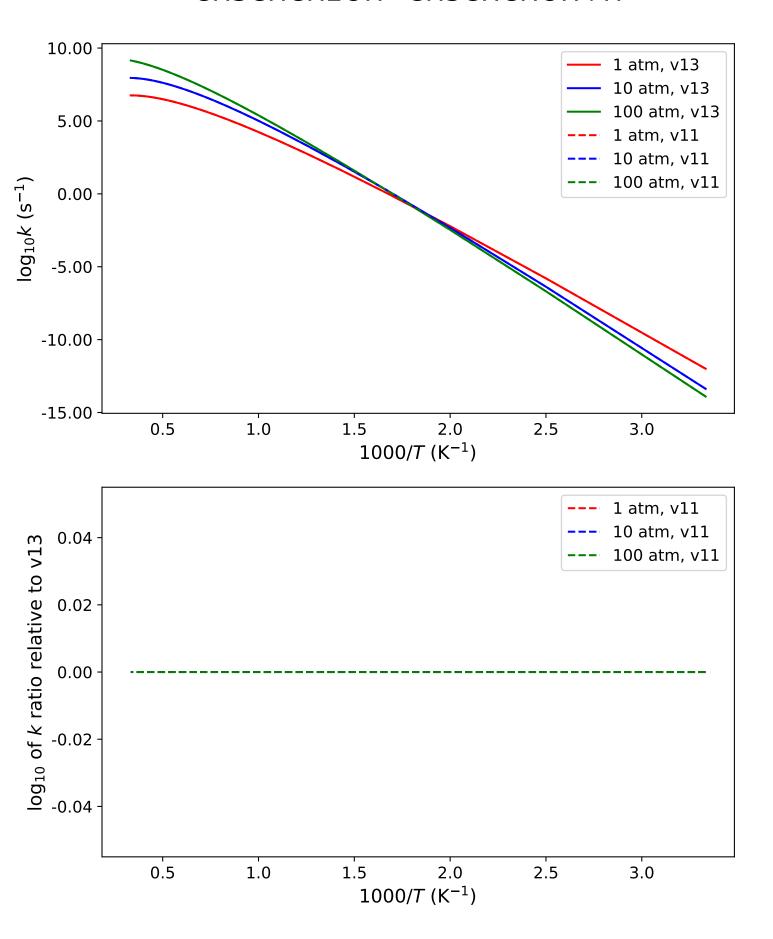
## CH3CCH+CH2(S)=CH3CCCH2+H



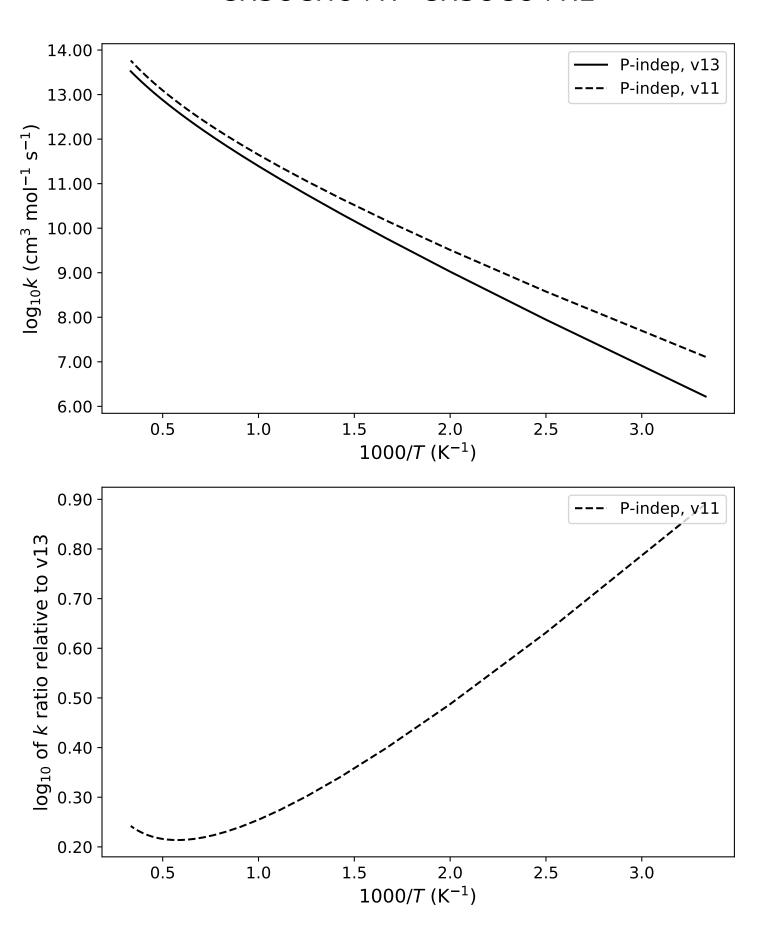
### C2H5+H=C2H4+H2



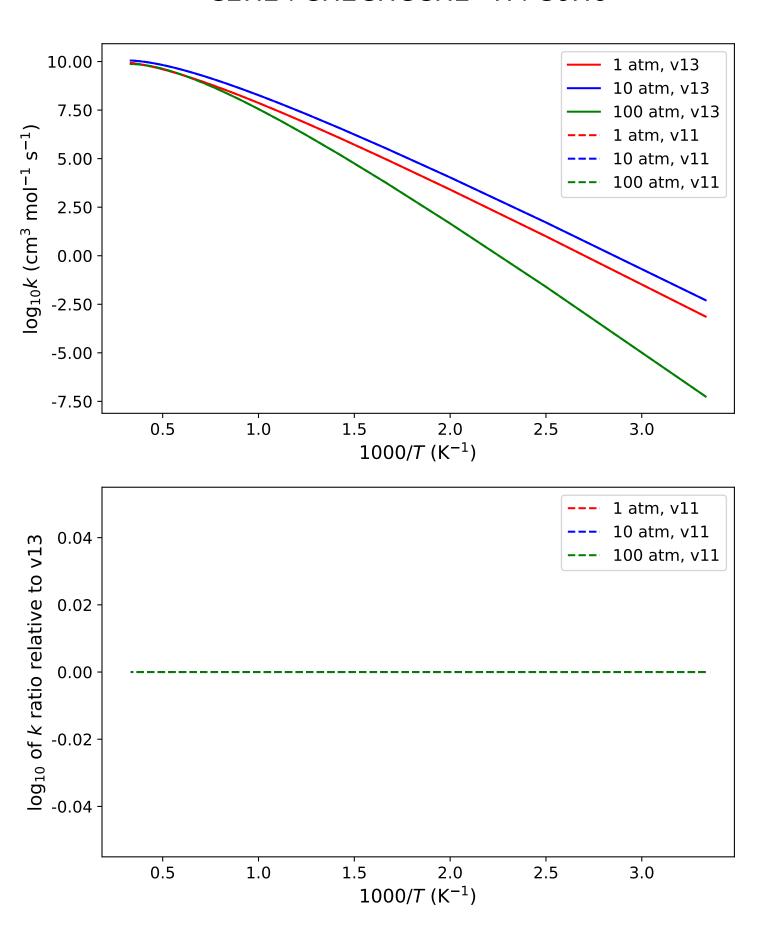
### CH3CHCH2OH=CH3CHCHOH+H



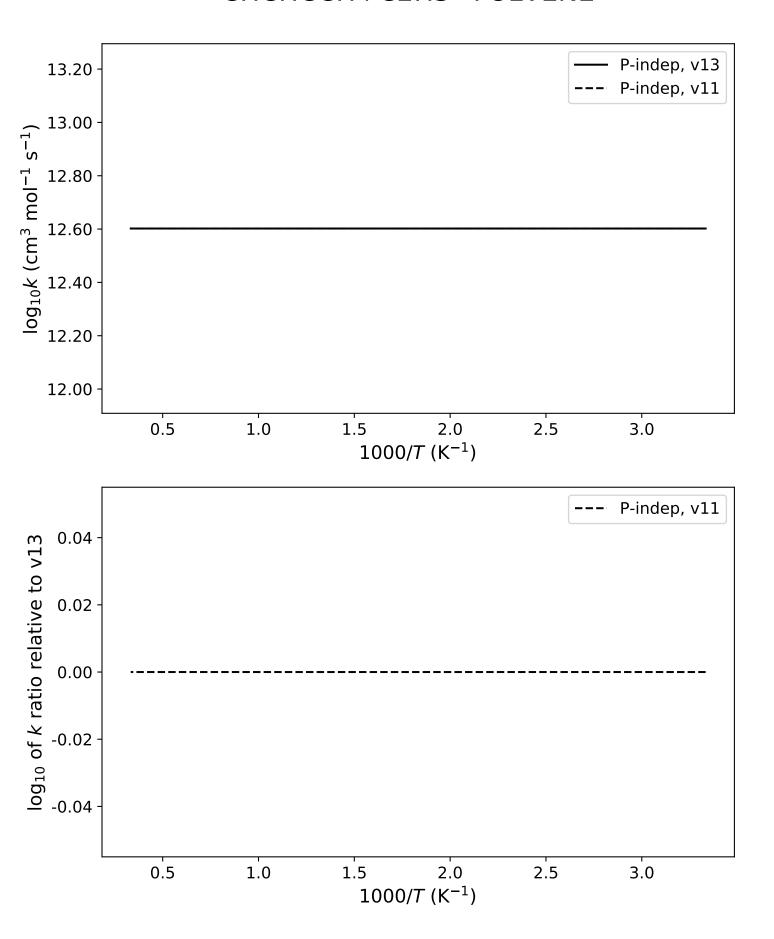
## CH3OCHO+H=CH3OCO+H2



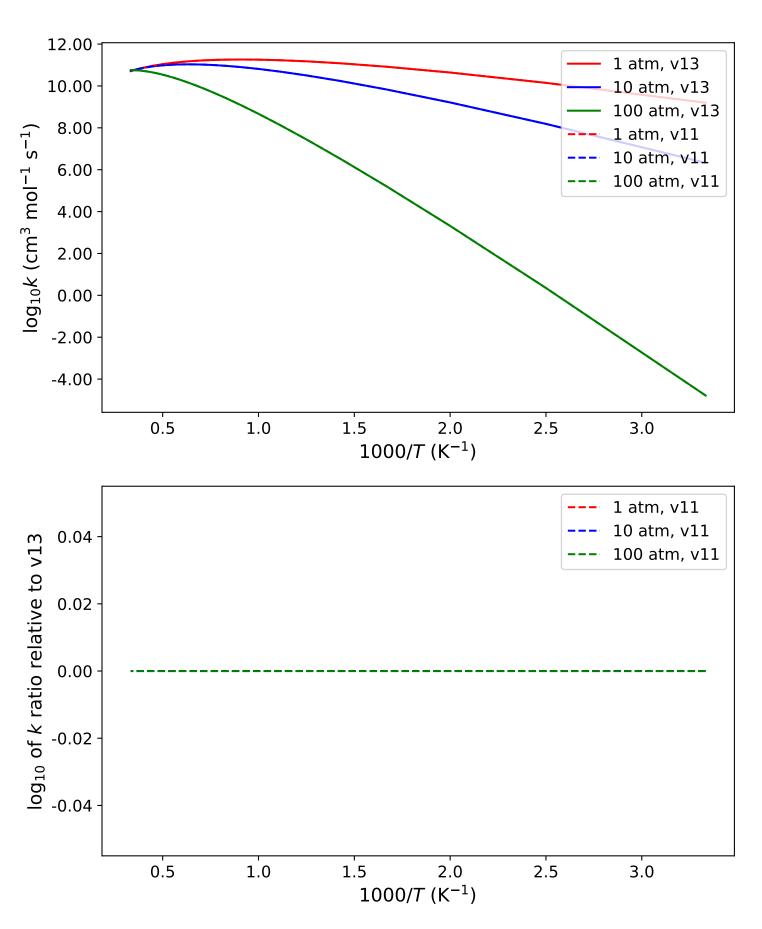
#### C2H2+CH2CHCCH2=H+C6H6



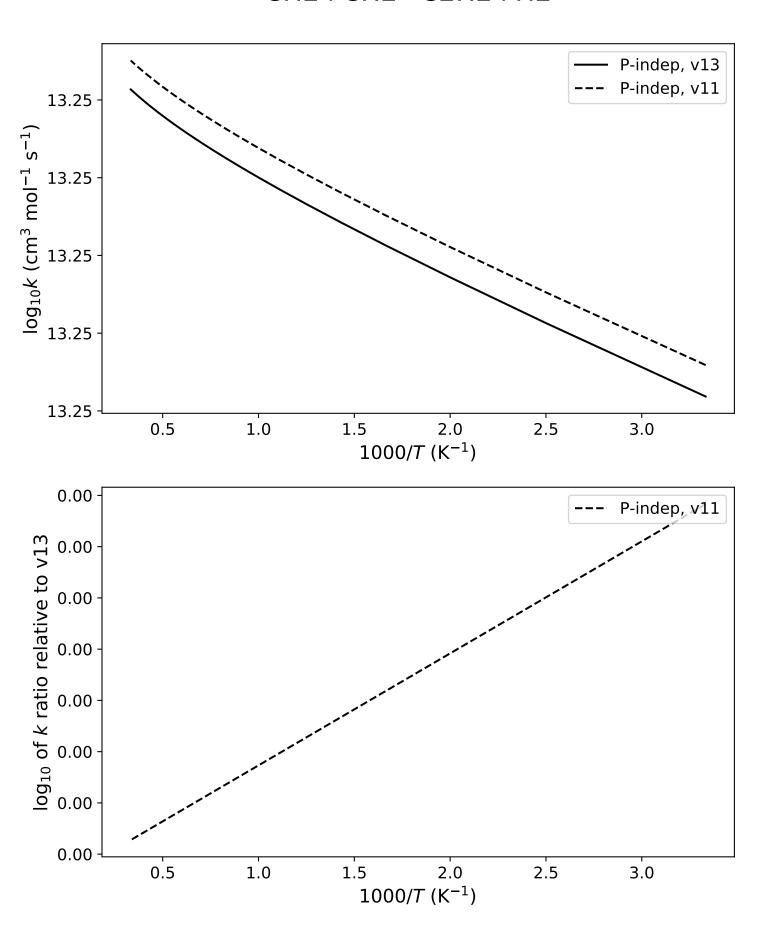
### CHCHCCH+C2H3=FULVENE



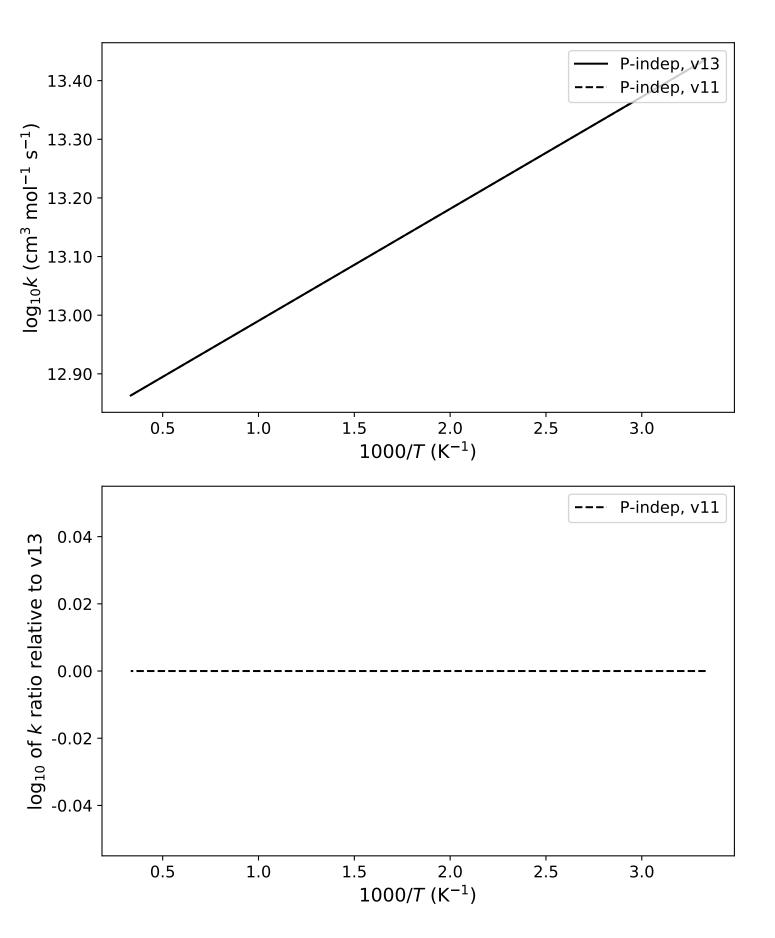
#### CHCCCH+OH=CO+CH2CCH



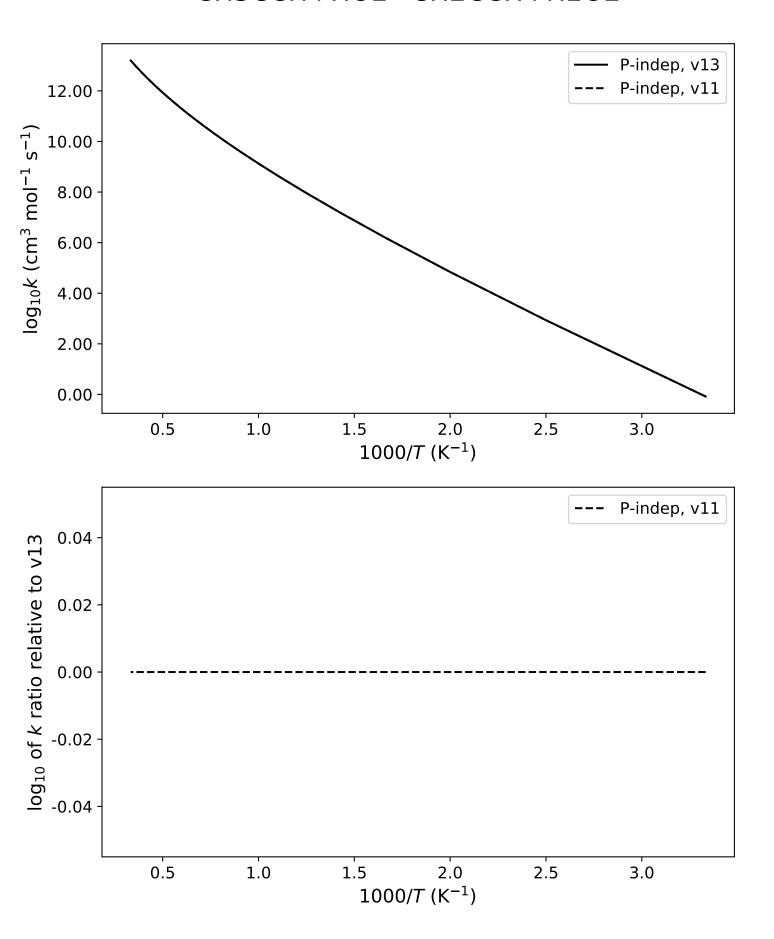
### CH2+CH2=C2H2+H2



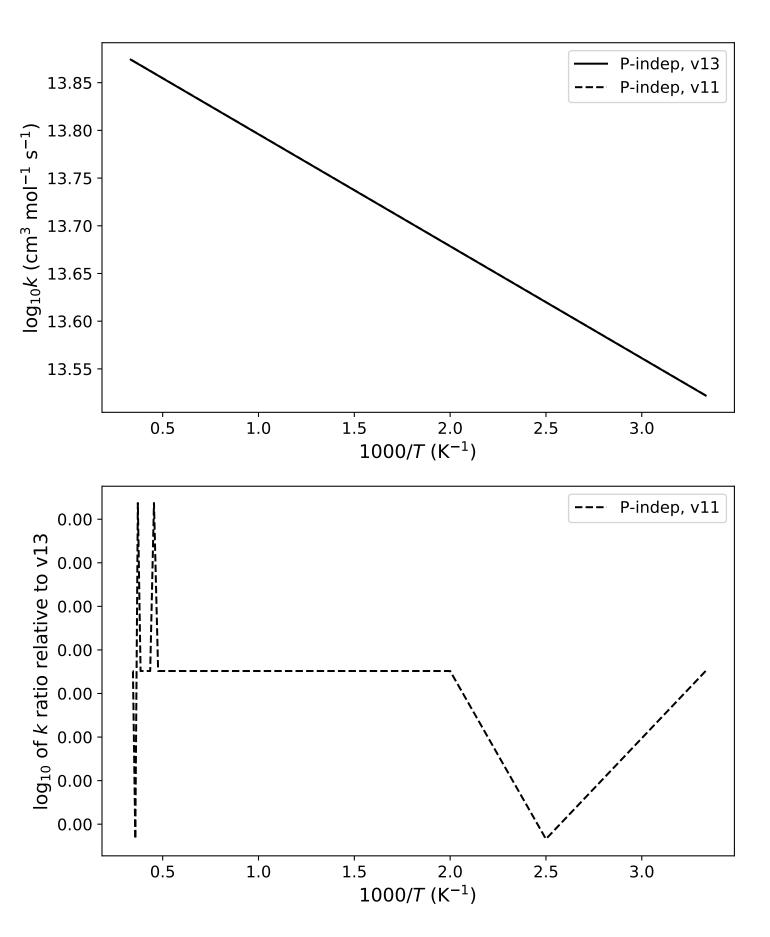
### CH2CHCH2+OH=CH3CHO+C2H3



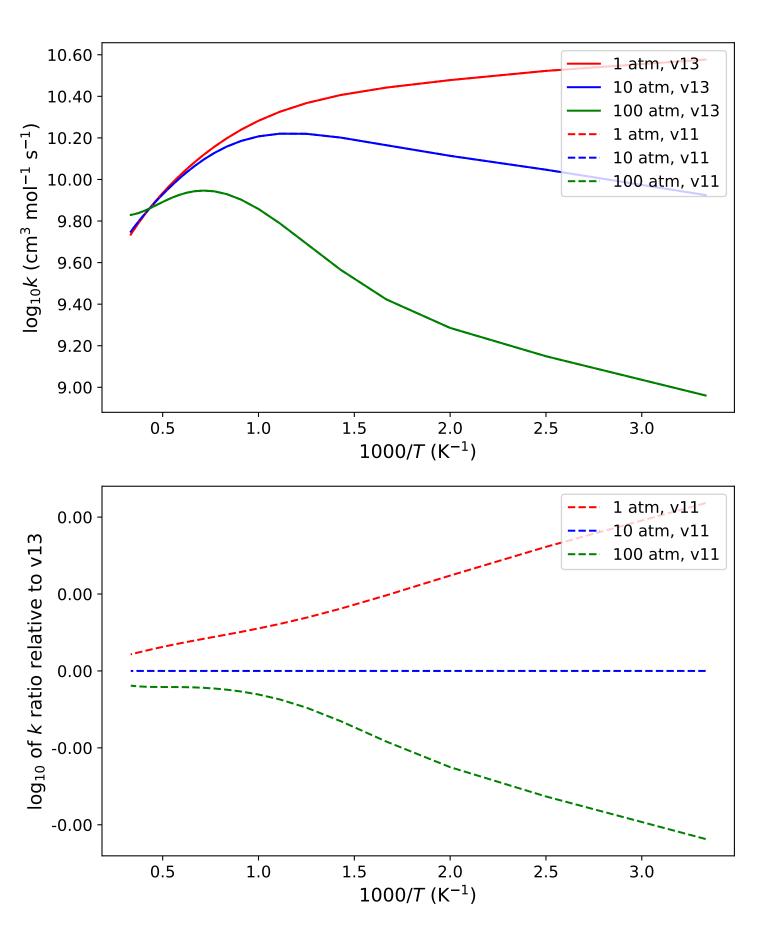
### CH3CCH+H02=CH2CCH+H2O2



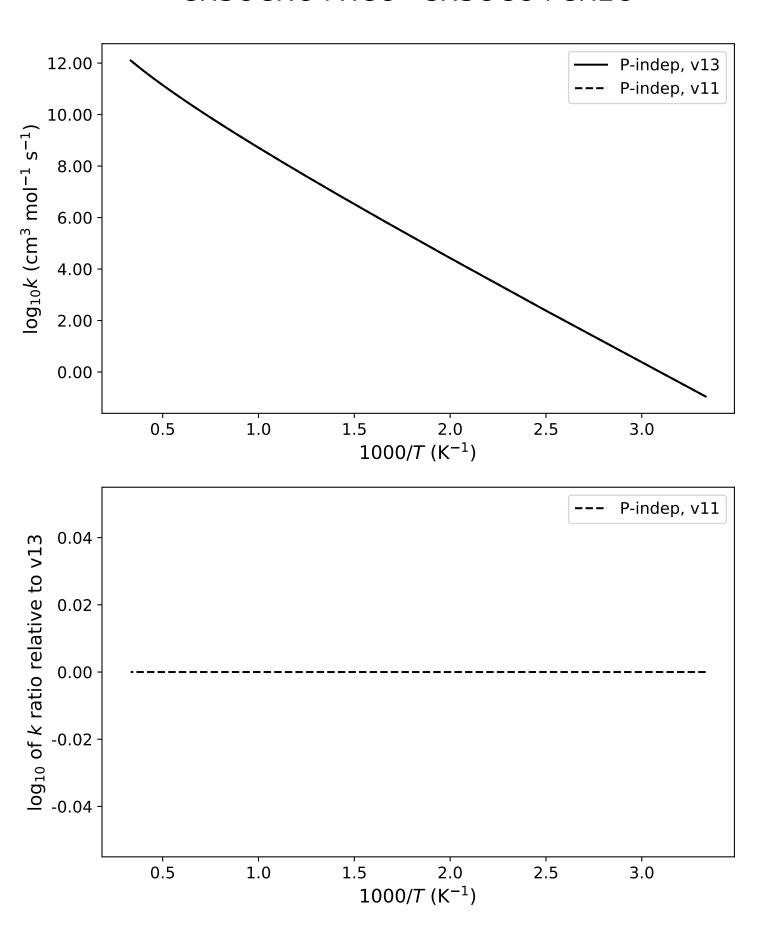
## CH2+O=CO+H2



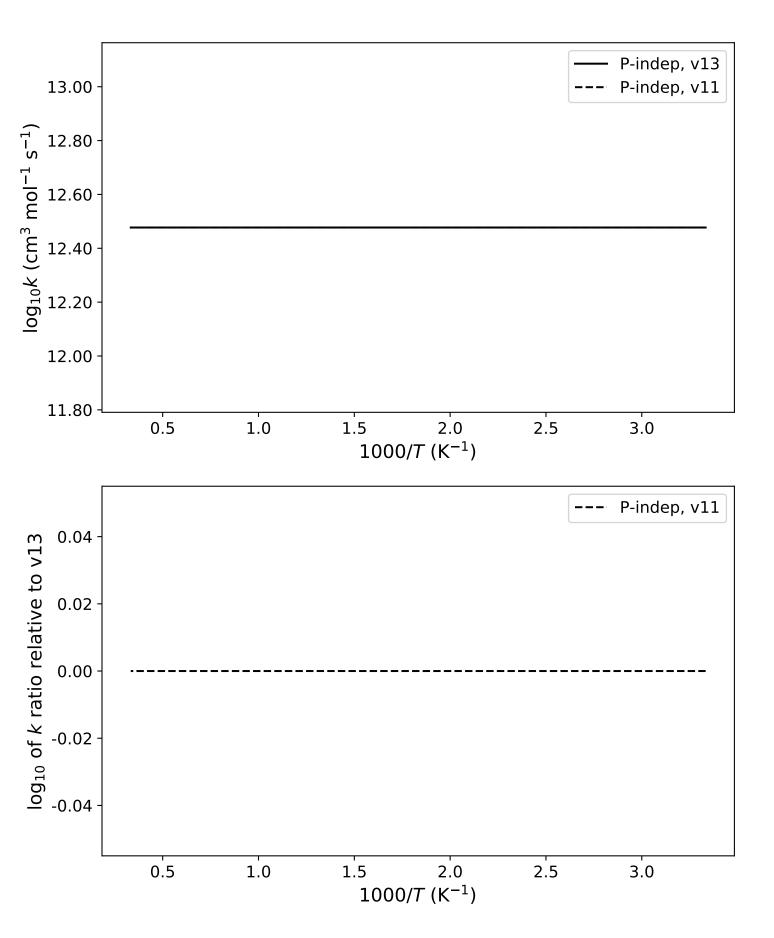
## C2H3+O2=CO2+CH3



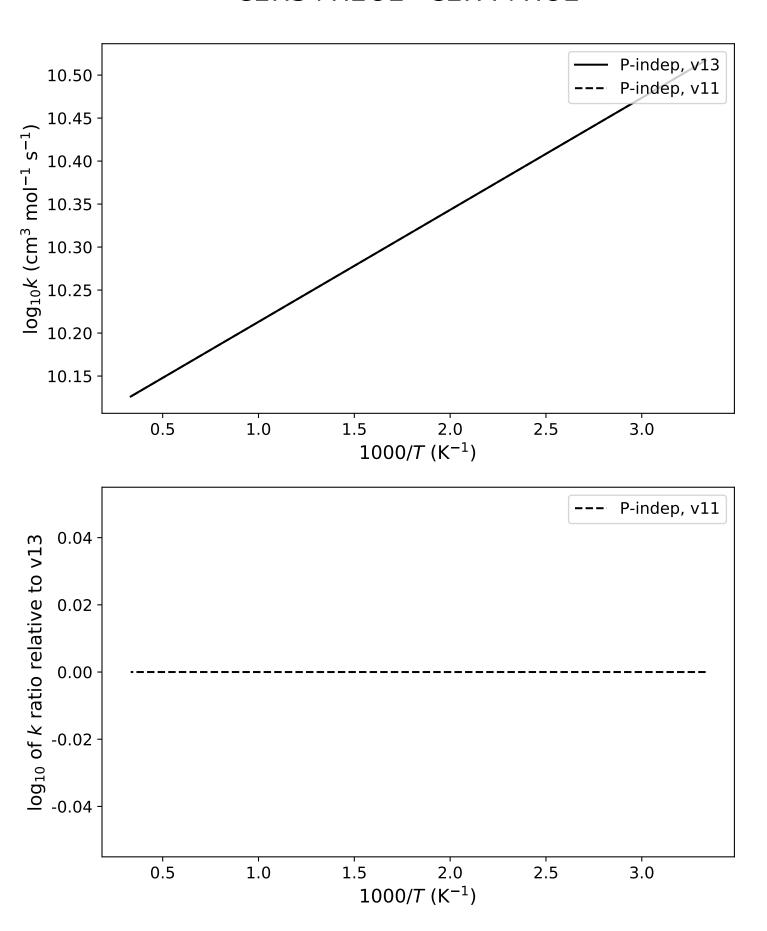
## CH3OCHO+HCO=CH3OCO+CH2O



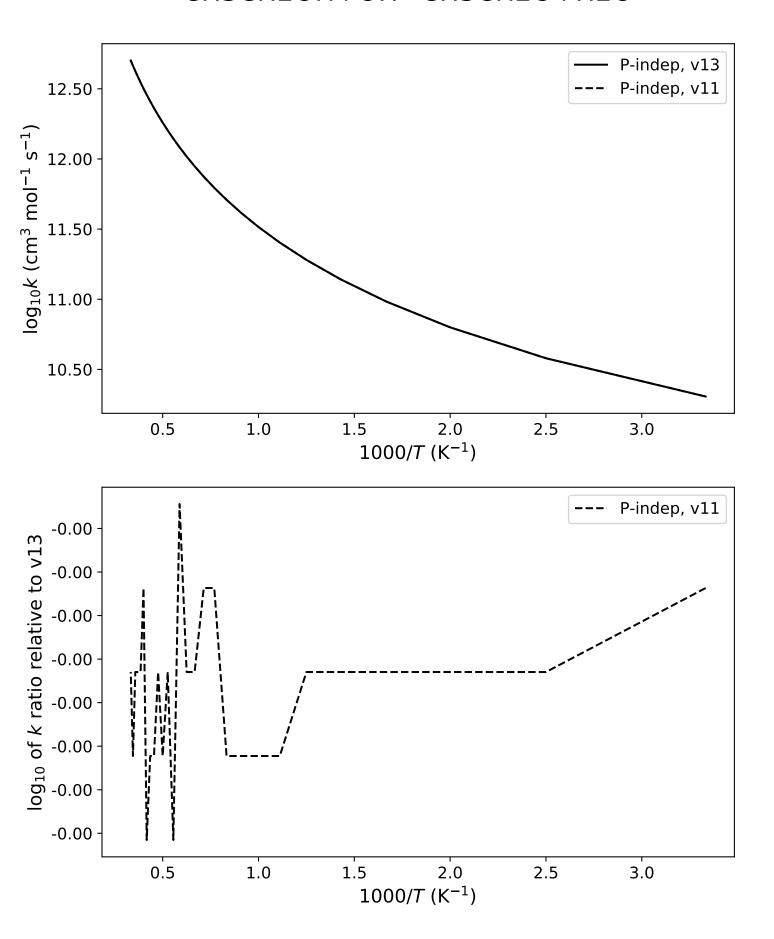
### CH2CHCCH2+OH=CH2OH+CH2CCH



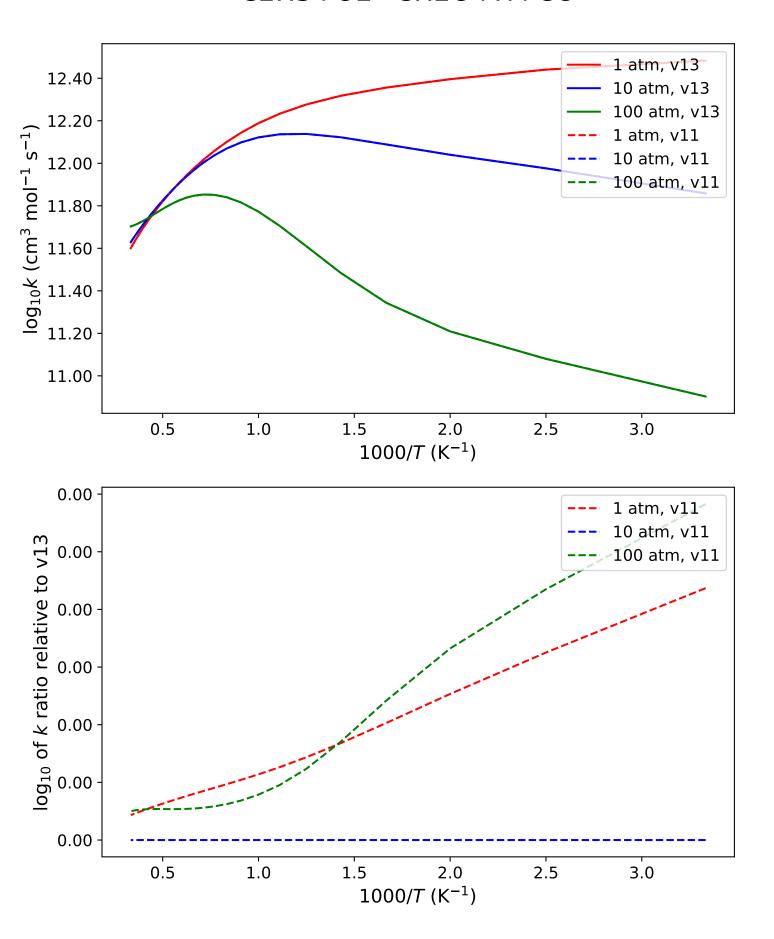
### C2H3+H2O2=C2H4+HO2



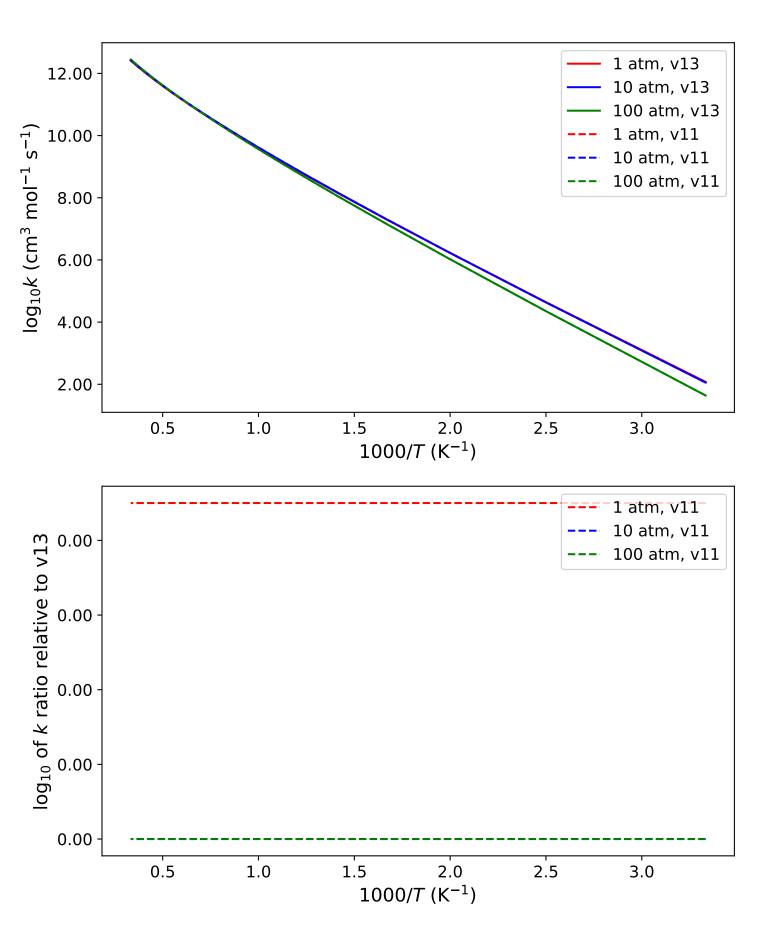
### CH3CH2OH+OH=CH3CH2O+H2O



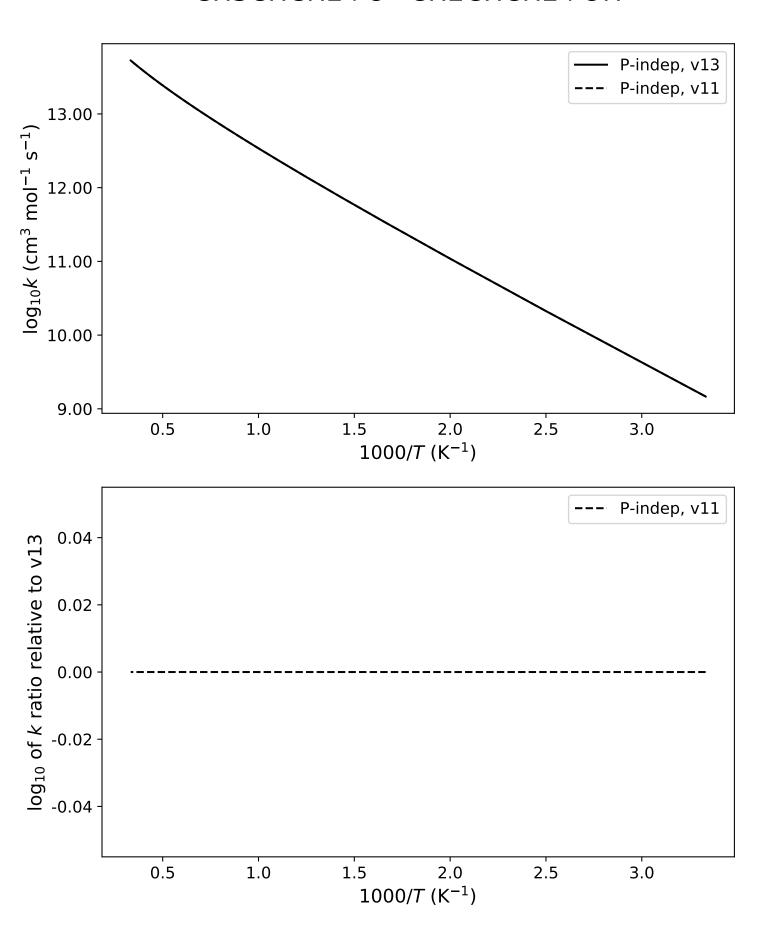
#### C2H3+O2=CH2O+H+CO



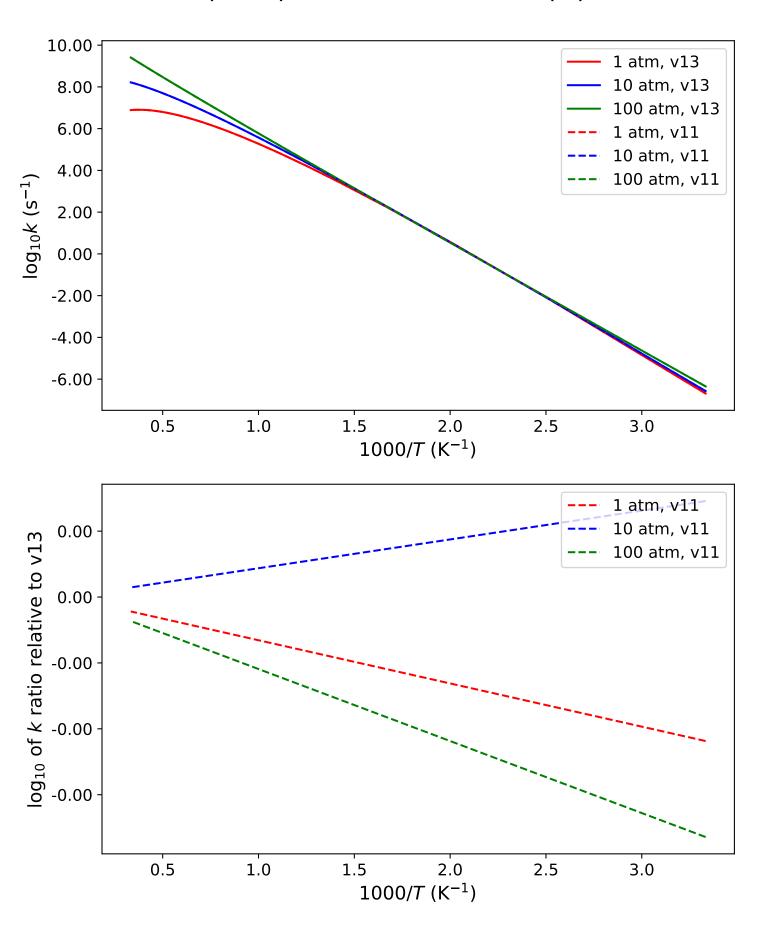
### OH+C2H2=CHCOH+H



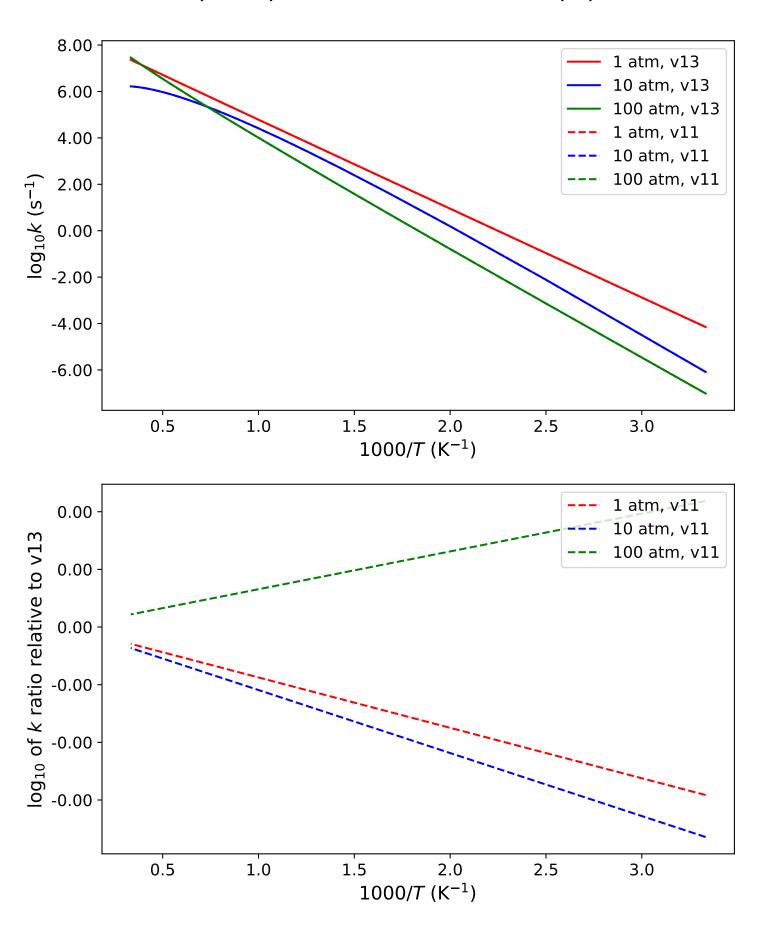
### CH3CHCH2+O=CH2CHCH2+OH



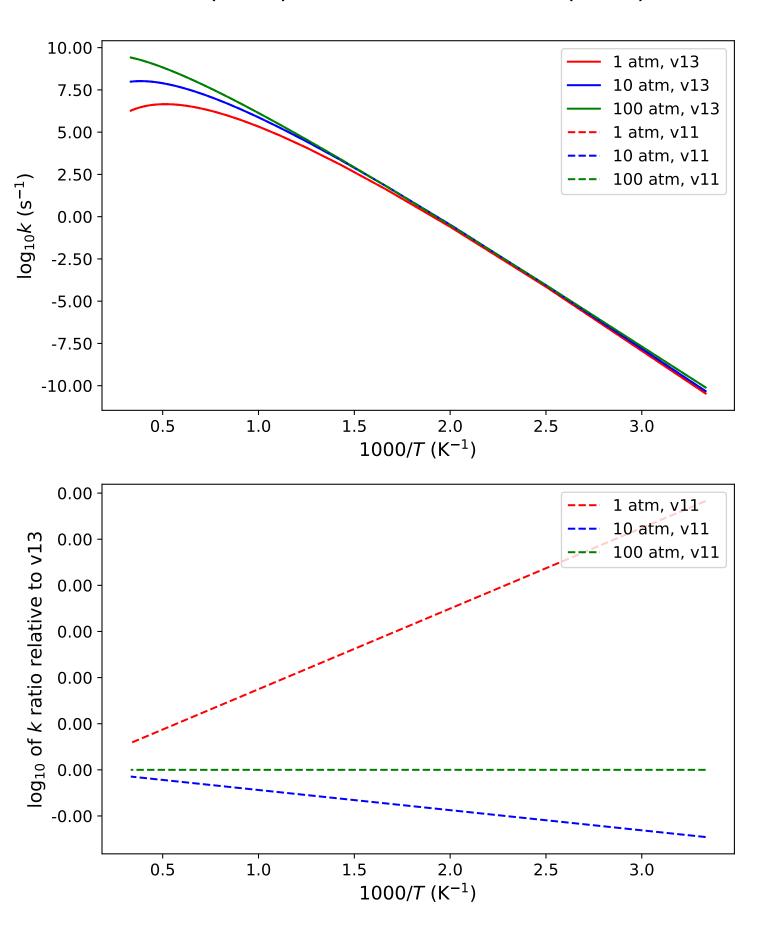
### CH3CH(OOH)CH2OO=OH+CH3C(O)CH2OOH



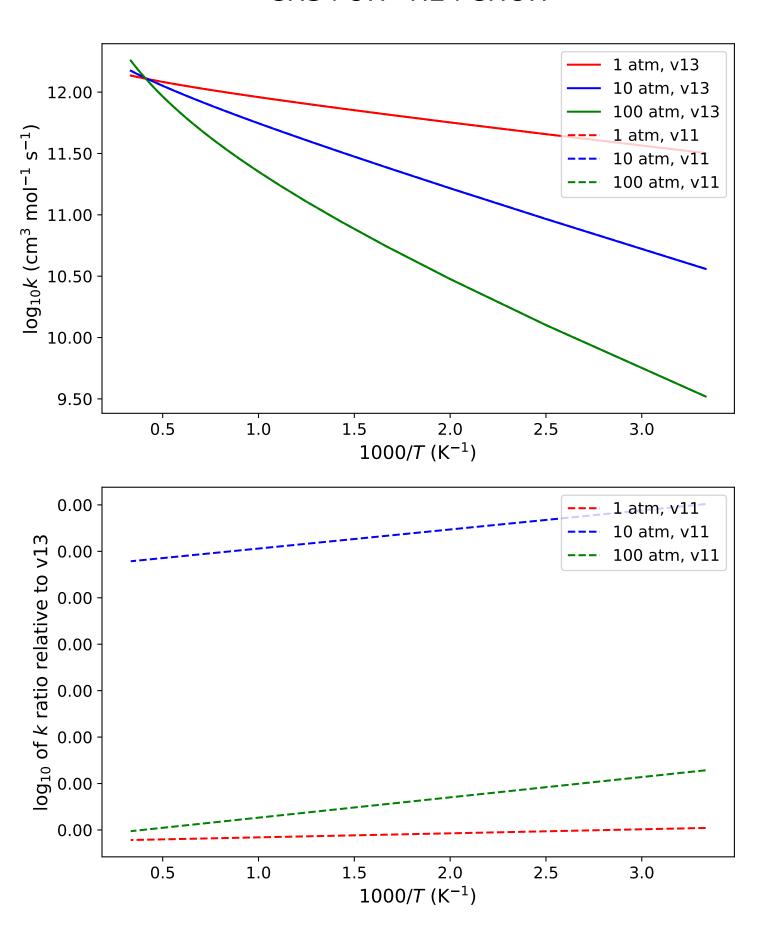
### CH2CH(OOH)CH2OOH=OH+CH3C(O)CH2OOH



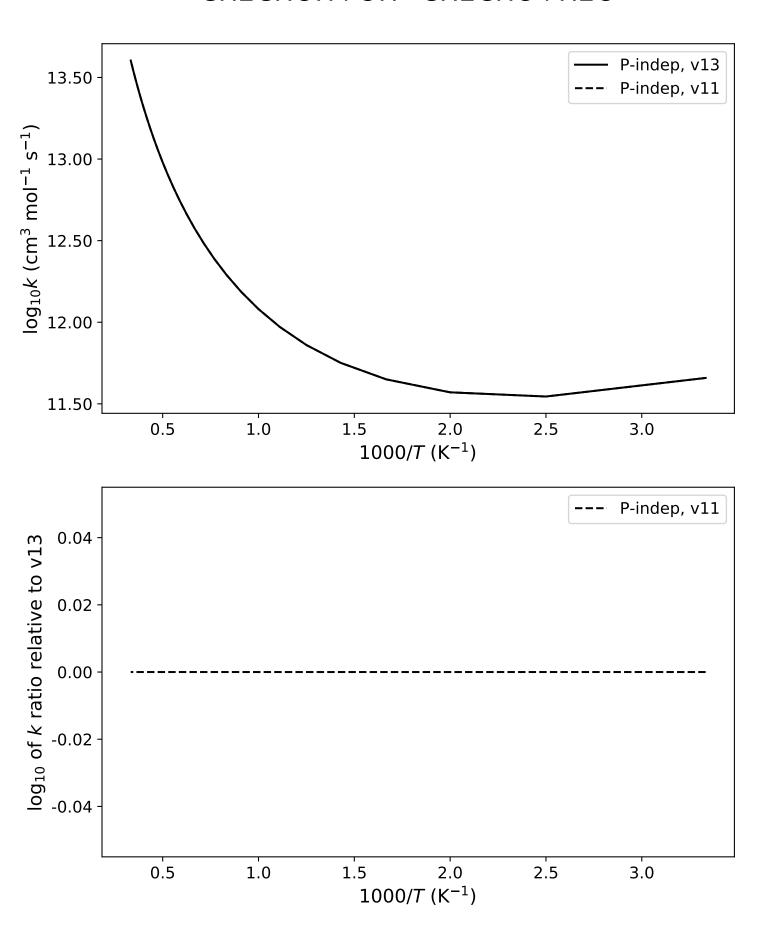
## CH3CH(OOH)CH2OO=HO2+CH3C(OOH)CH2



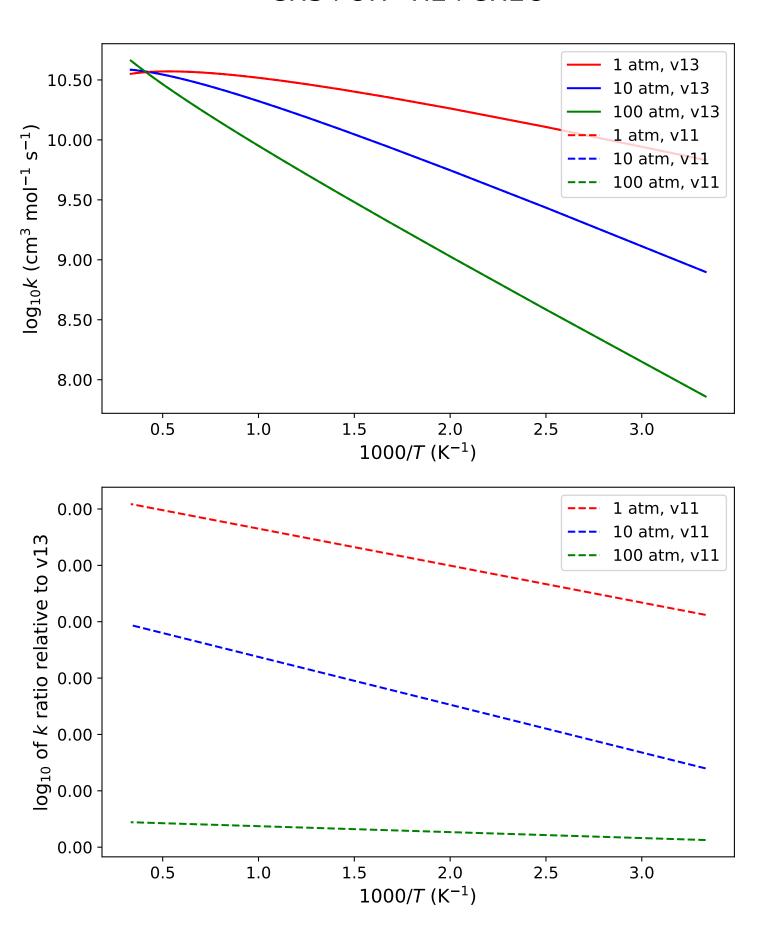
### CH3+OH=H2+CHOH



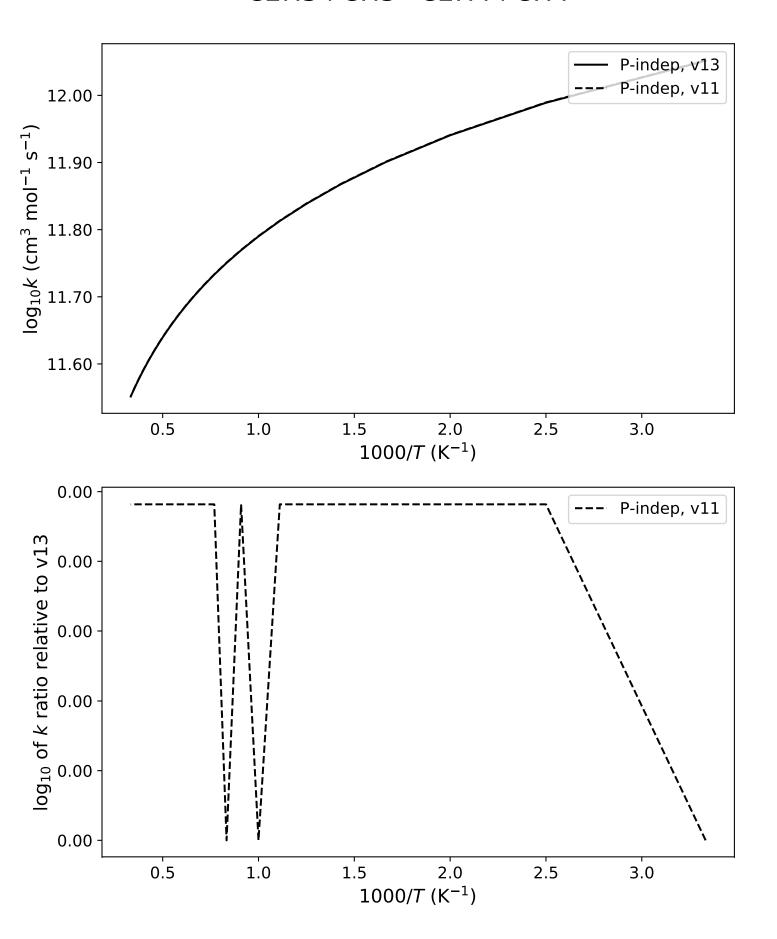
### CH2CHOH+OH=CH2CHO+H2O



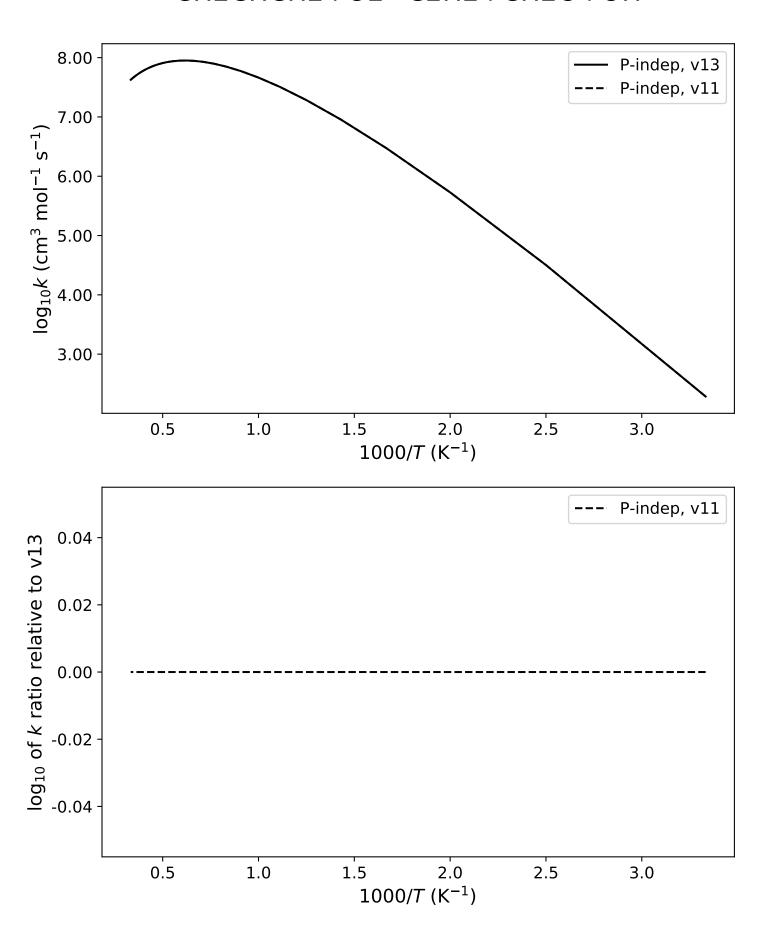
### CH3+OH=H2+CH2O



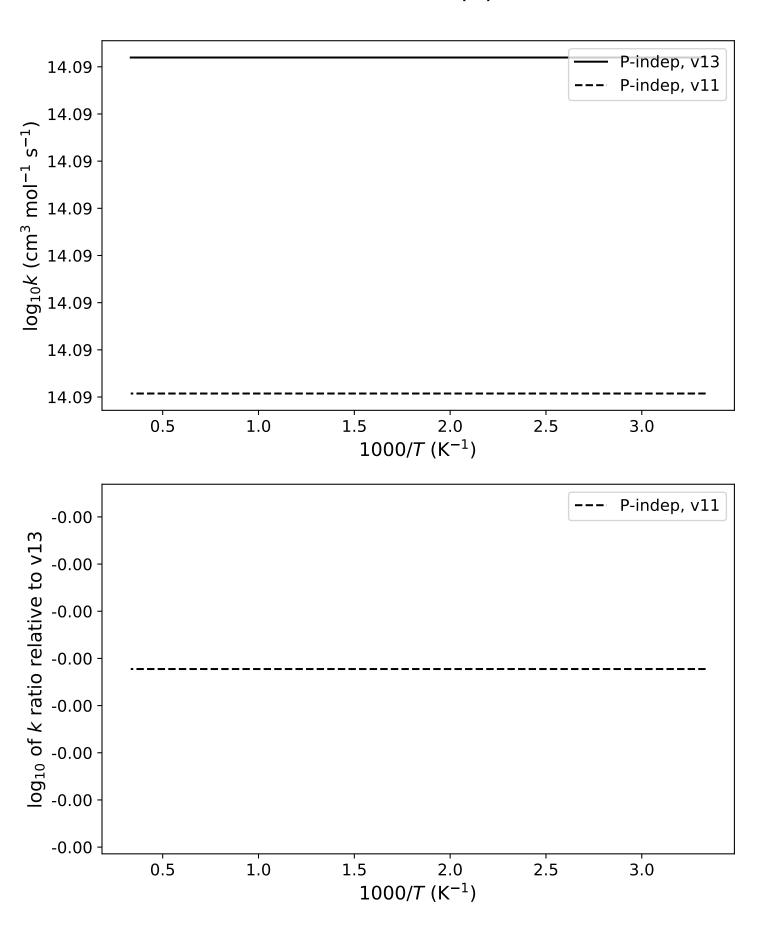
# C2H5+CH3=C2H4+CH4



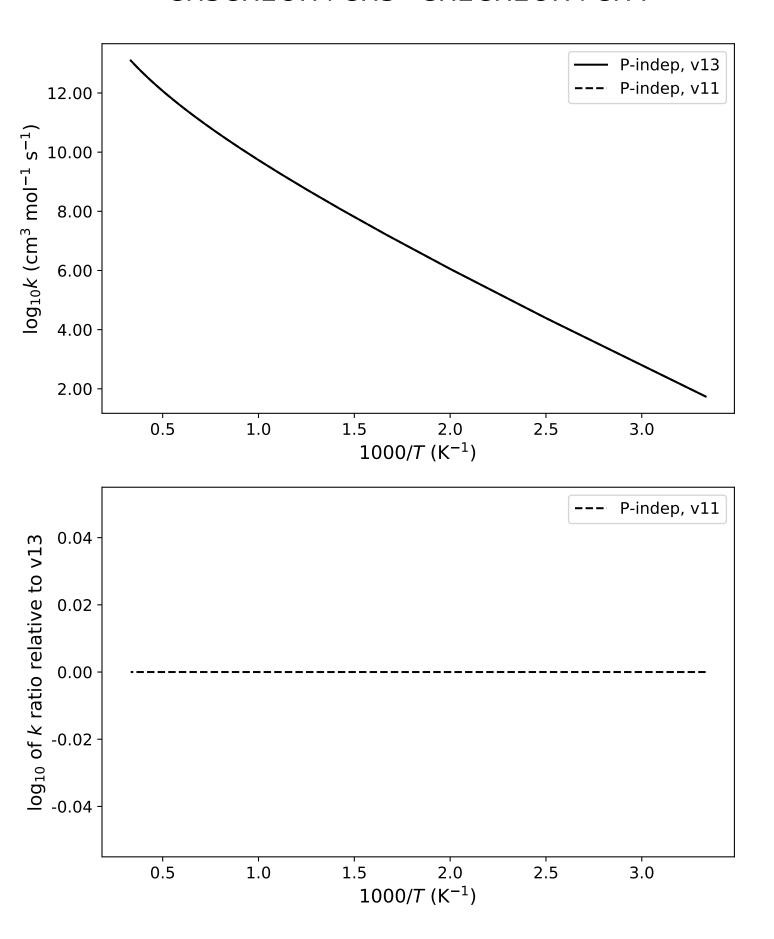
### CH2CHCH2+O2=C2H2+CH2O+OH



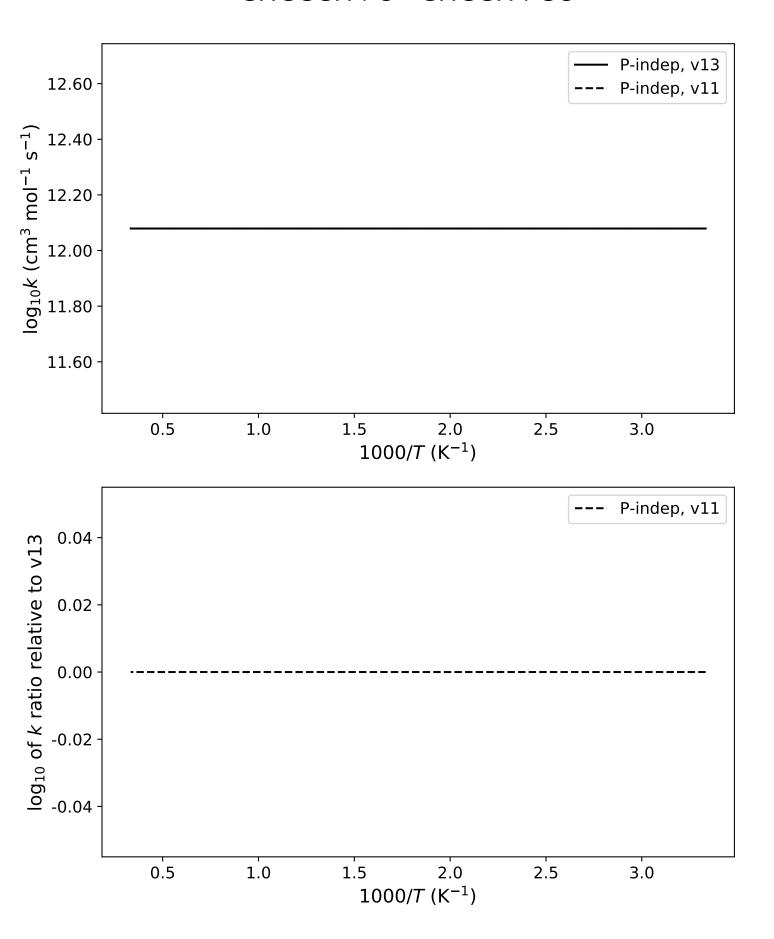
## HCCO+H=CH2(S)+CO



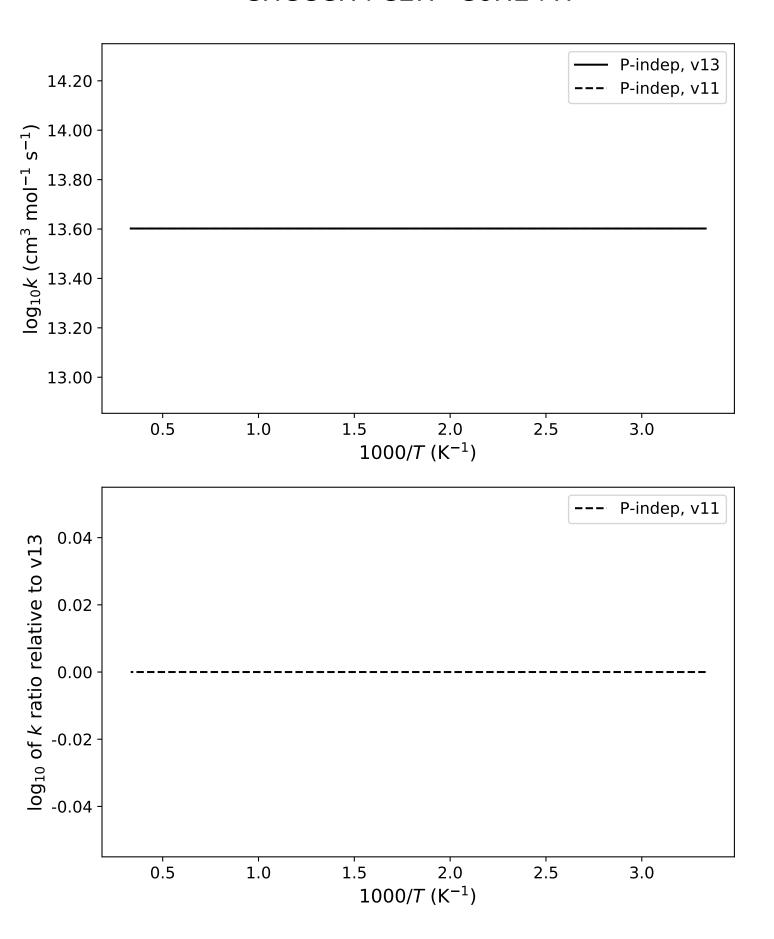
### CH3CH2OH+CH3=CH2CH2OH+CH4



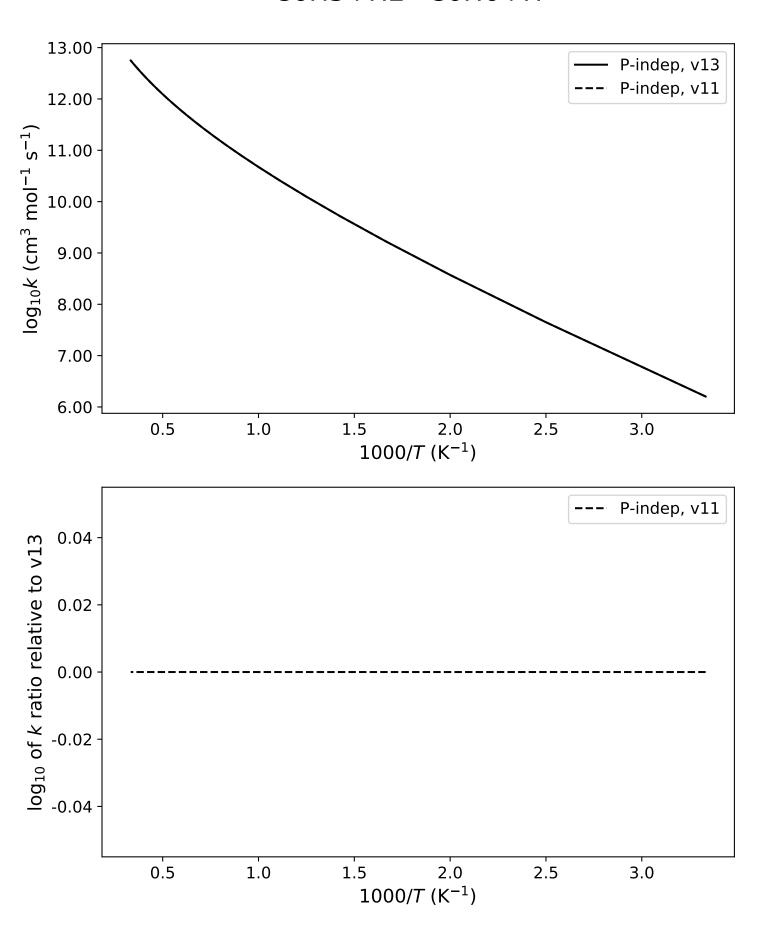
## CHCCCH+O=CHCCH+CO



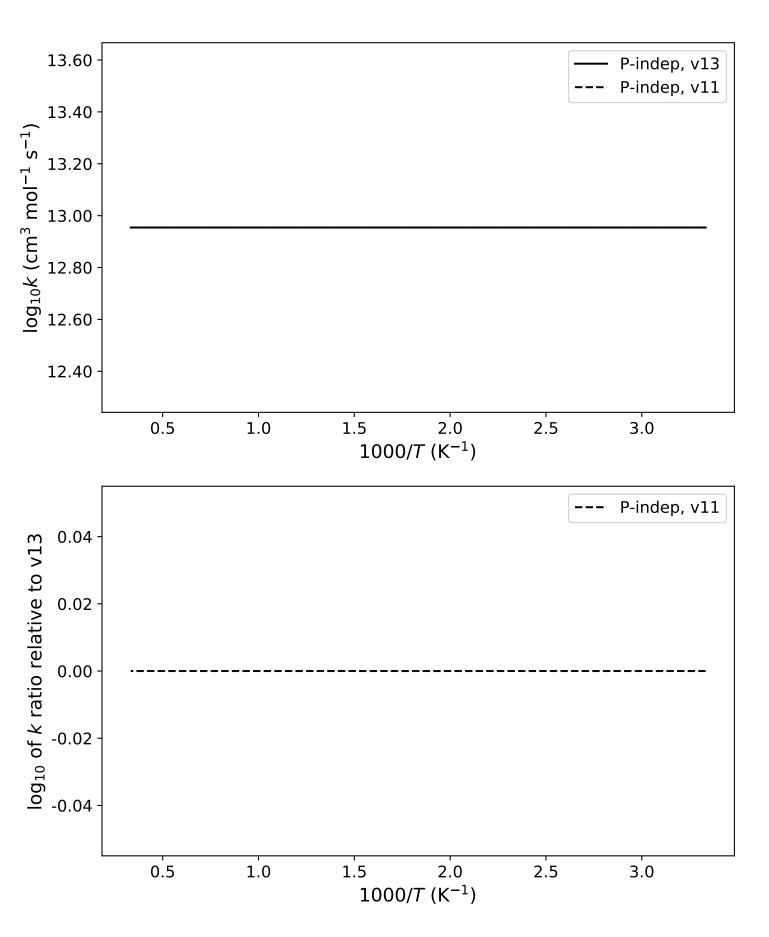
### CHCCCH+C2H=C6H2+H



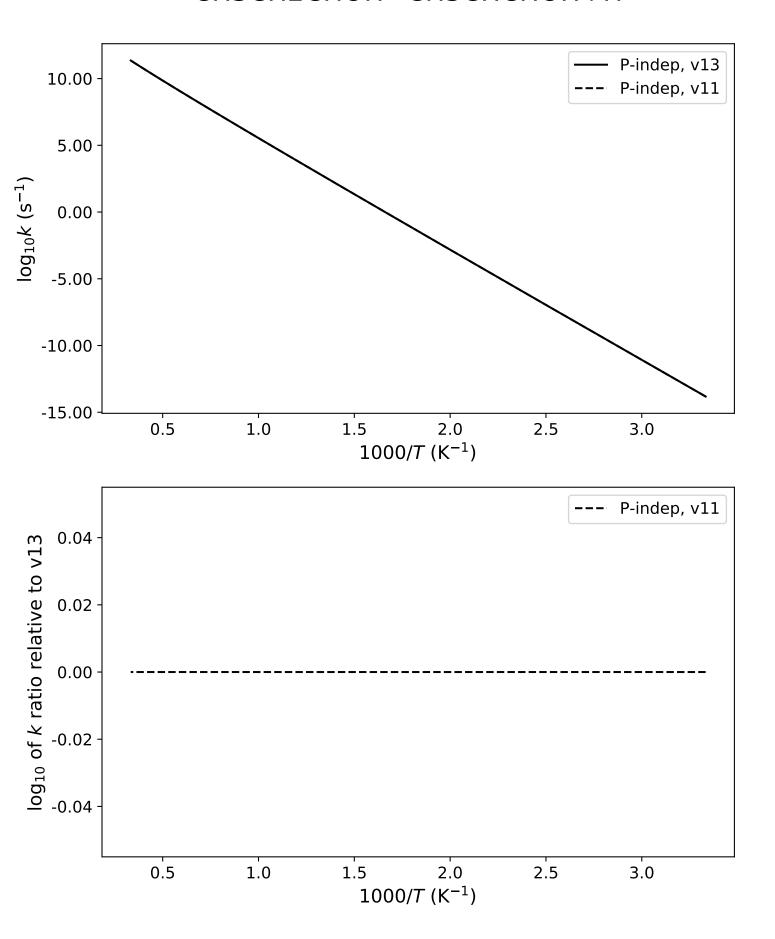
### C6H5+H2=C6H6+H



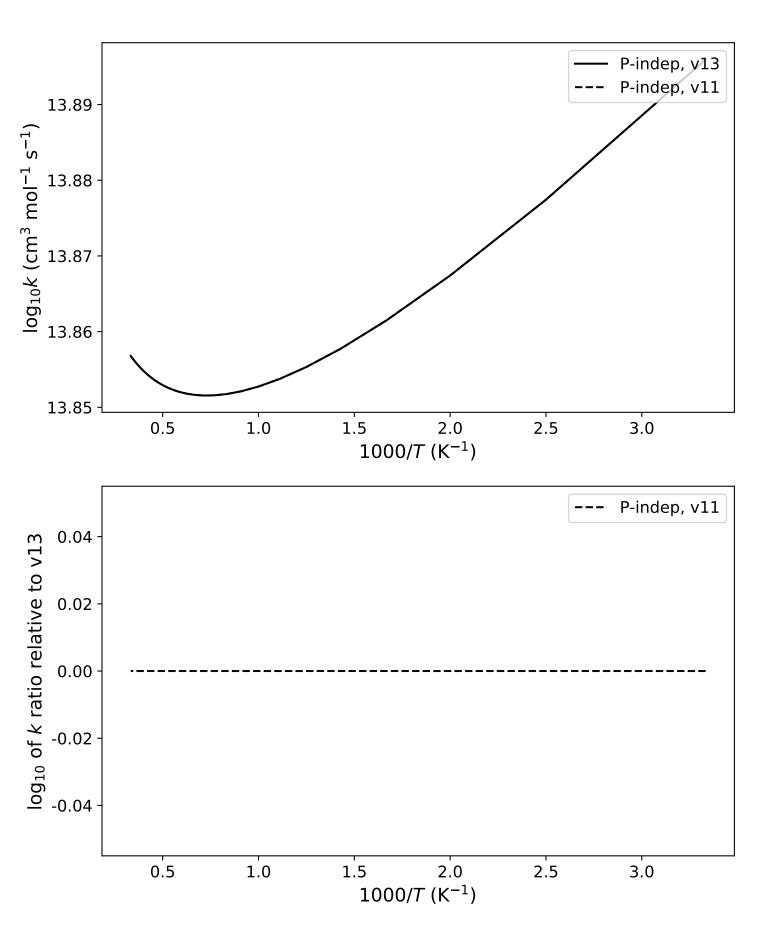
## OCOH+O=CO2+OH



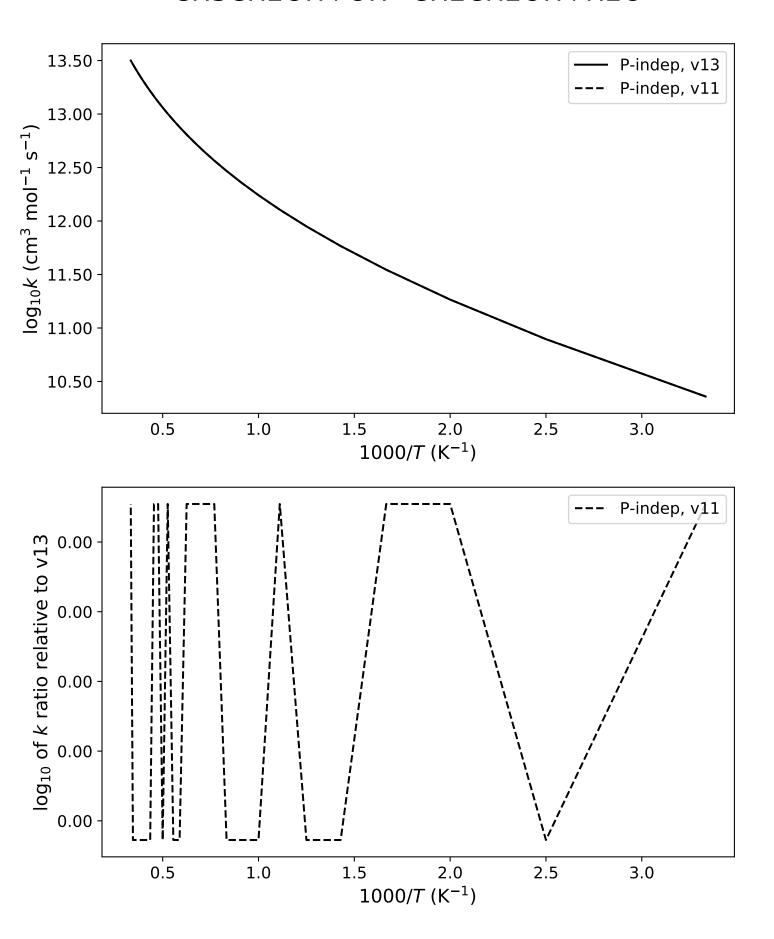
## CH3CH2CHOH=CH3CHCHOH+H



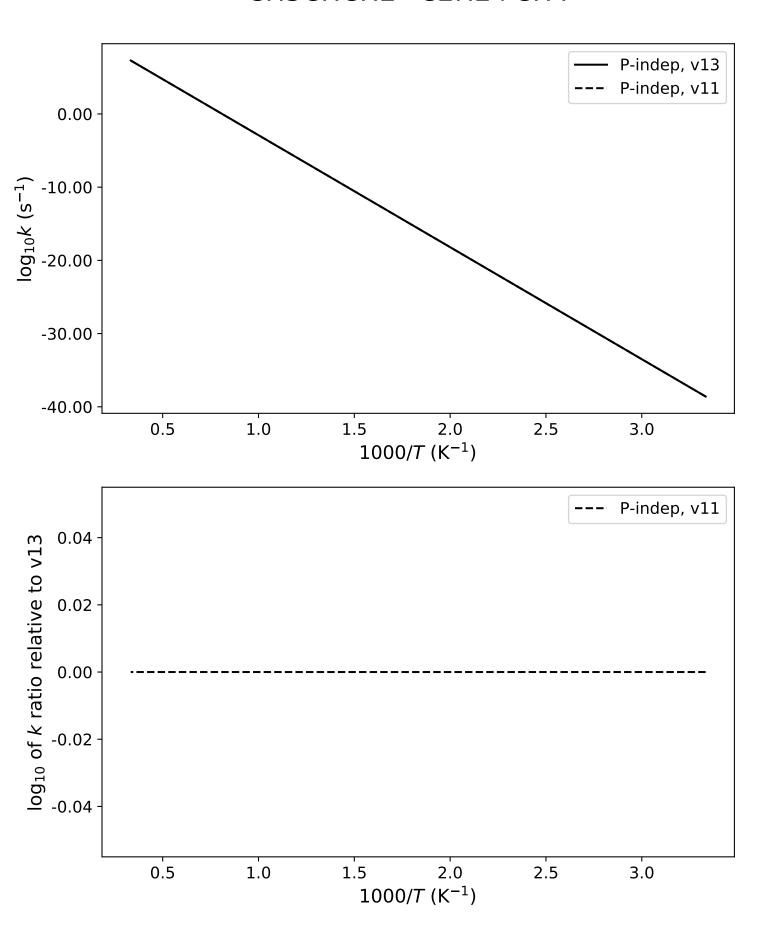
# CH3+O=CH2O+H



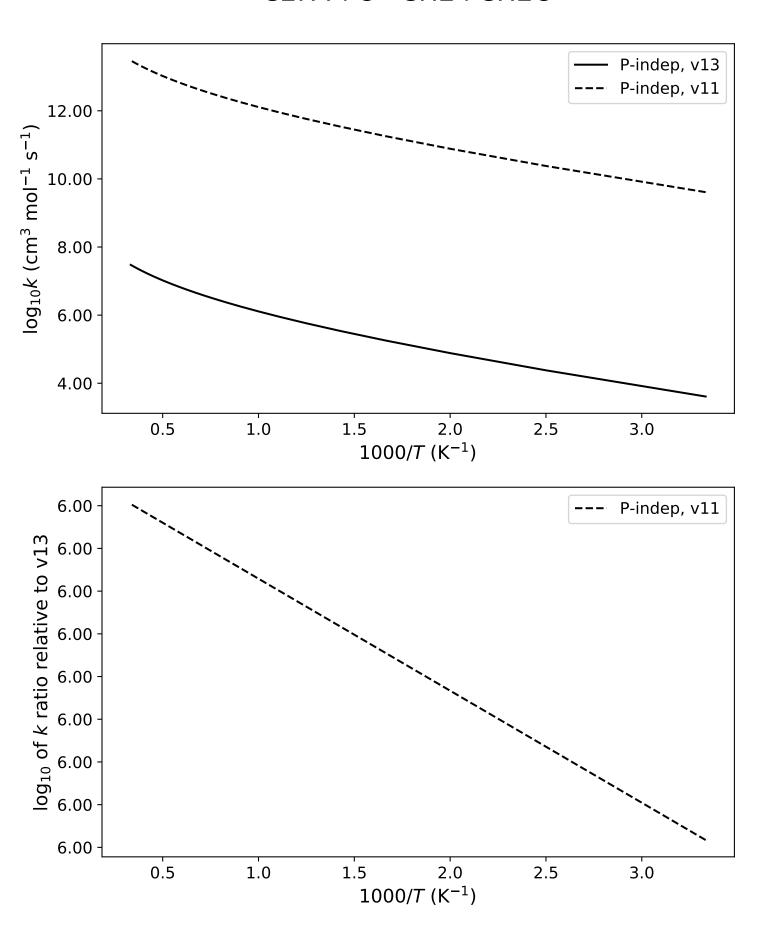
### CH3CH2OH+OH=CH2CH2OH+H2O



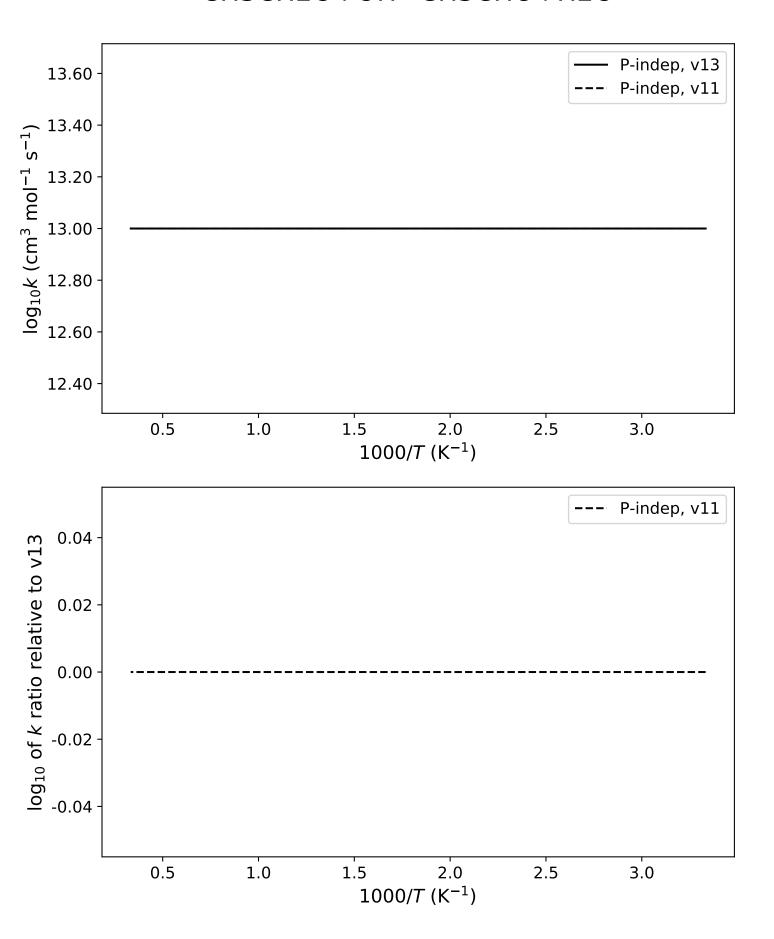
## CH3CHCH2=C2H2+CH4



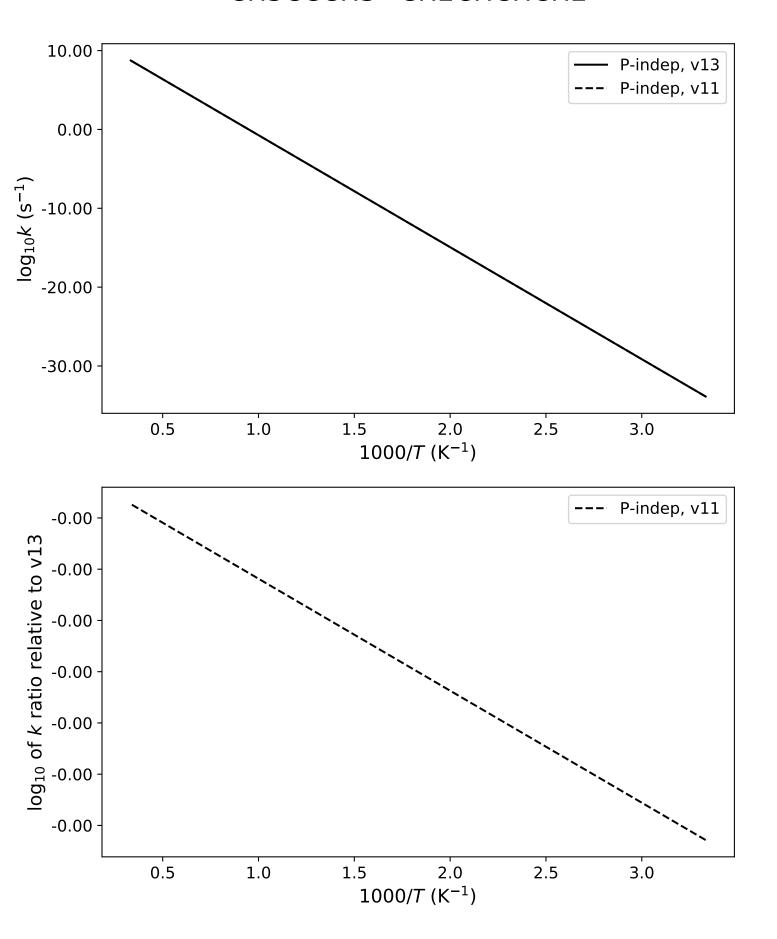
### C2H4+O=CH2+CH2O



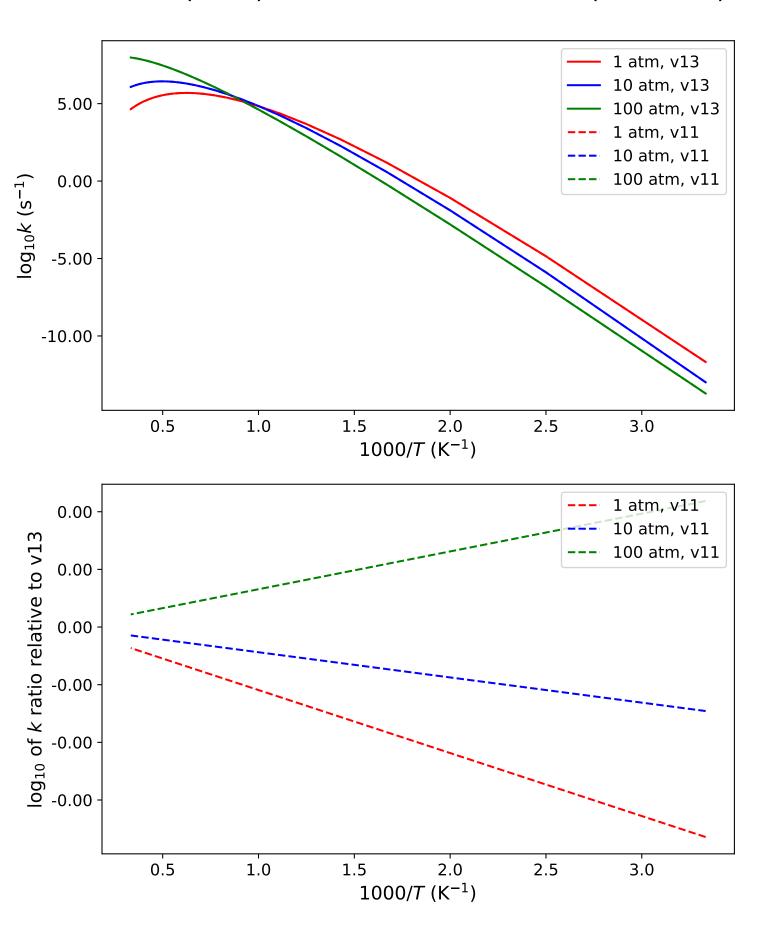
### CH3CH2O+OH=CH3CHO+H2O



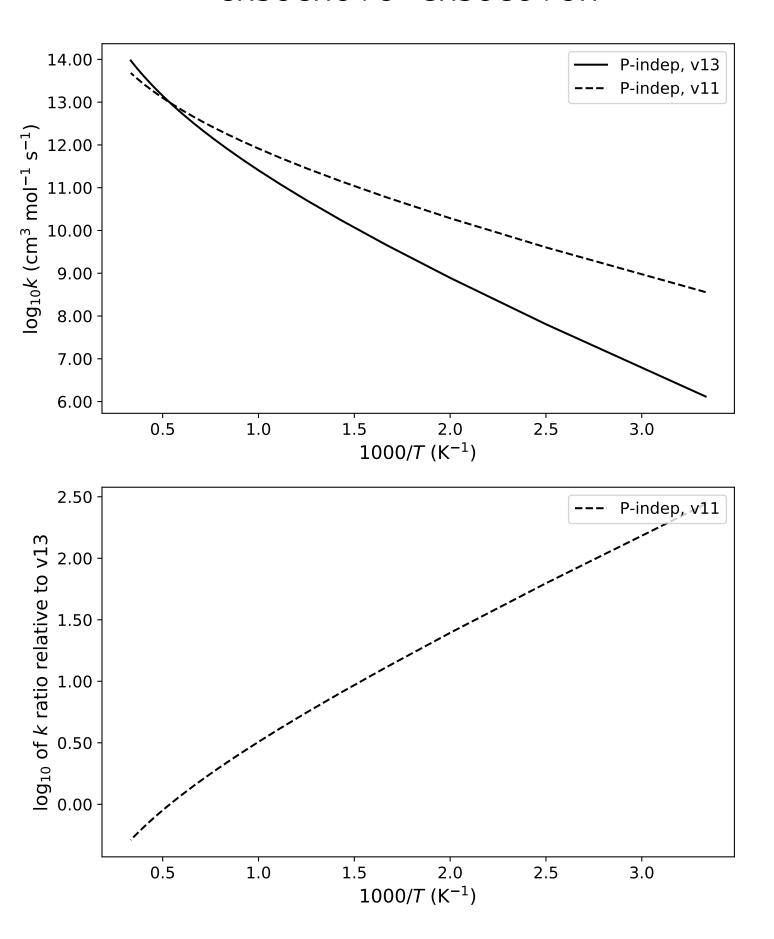
### CH3CCCH3=CH2CHCHCH2



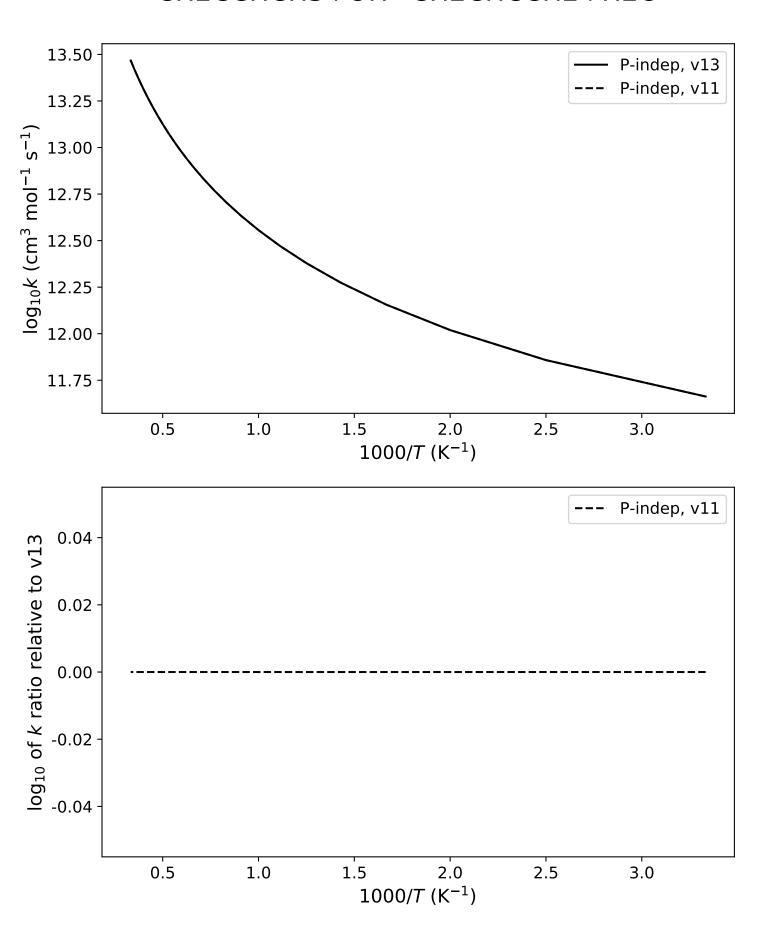
## CH3CH(OOH)CH2OO=OH+c-CH2OCH(CH2OOH)



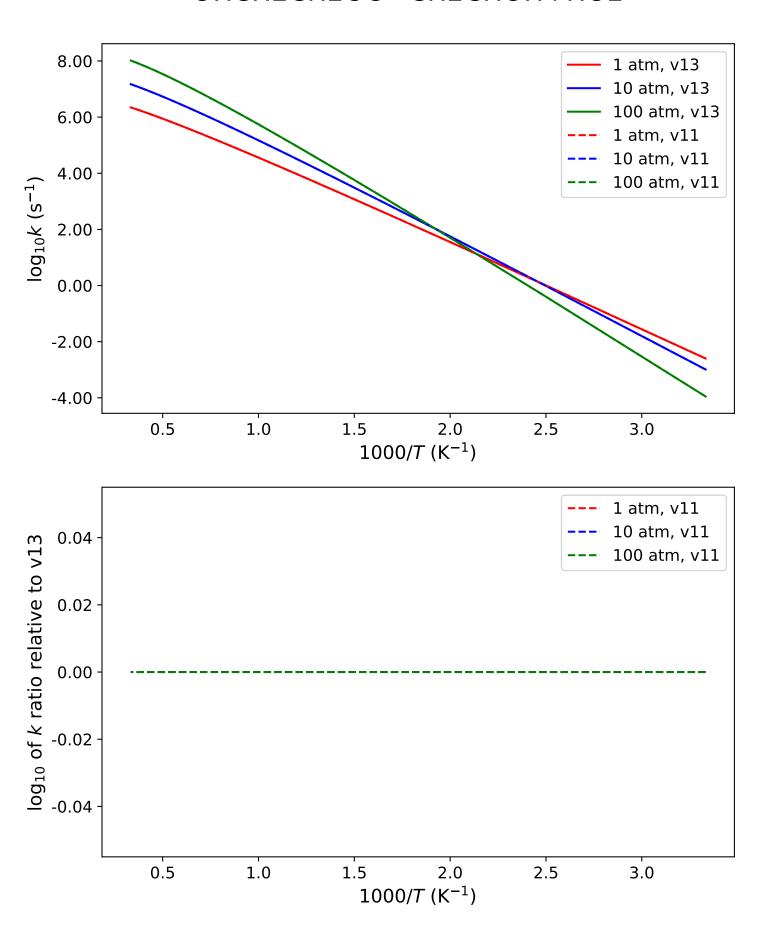
## CH3OCHO+O=CH3OCO+OH



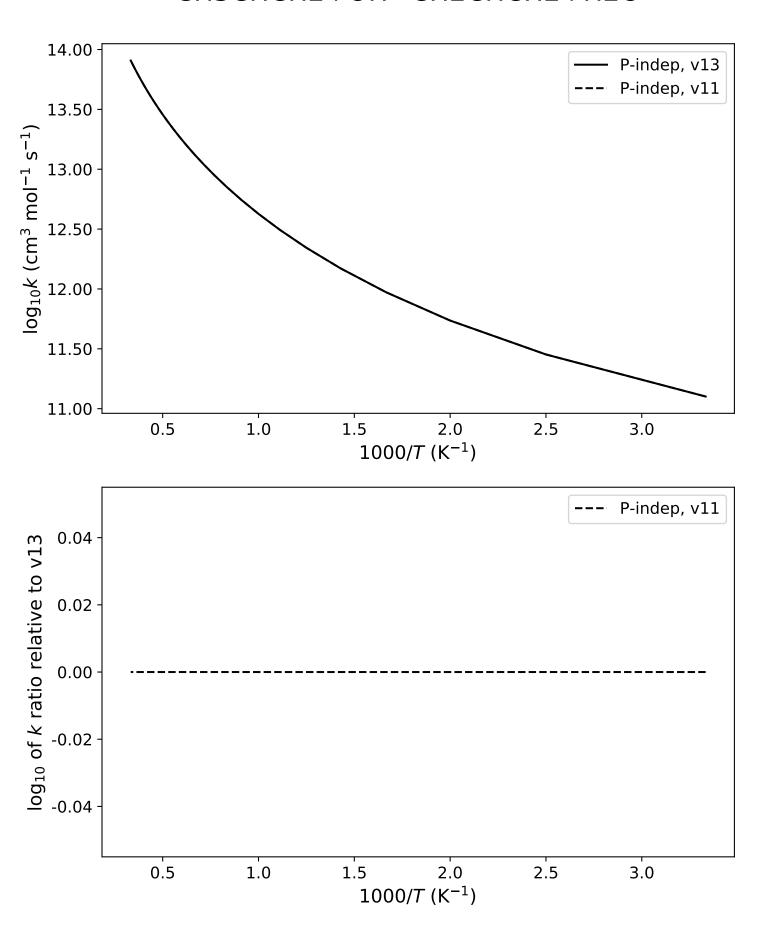
### CH2CCHCH3+OH=CH2CHCCH2+H2O



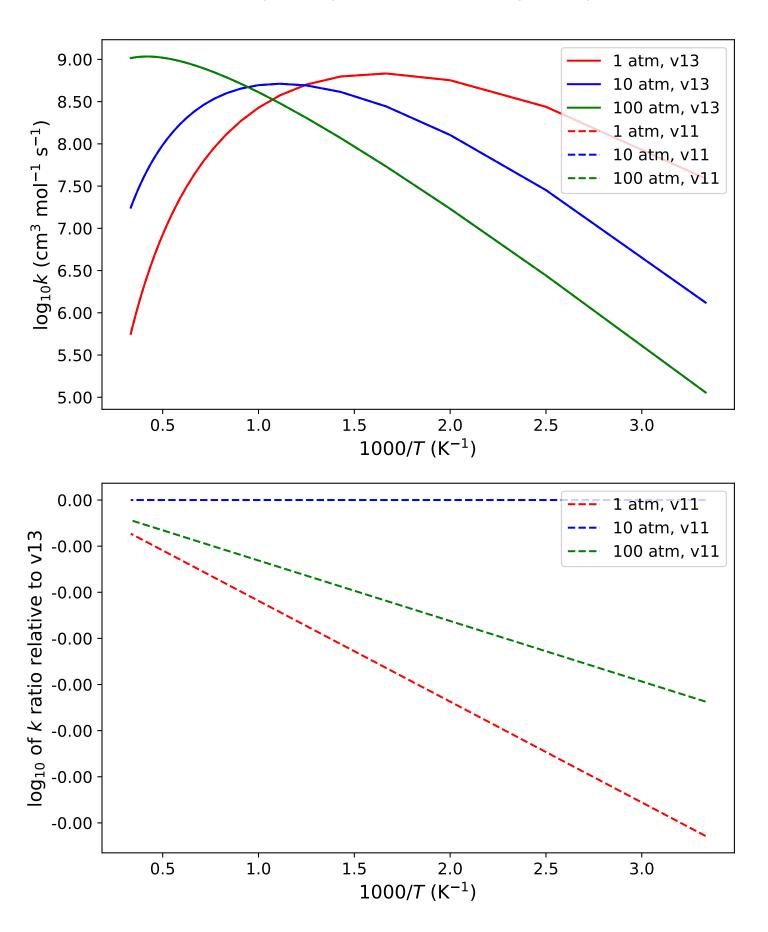
### OHCH2CH2OO=CH2CHOH+HO2



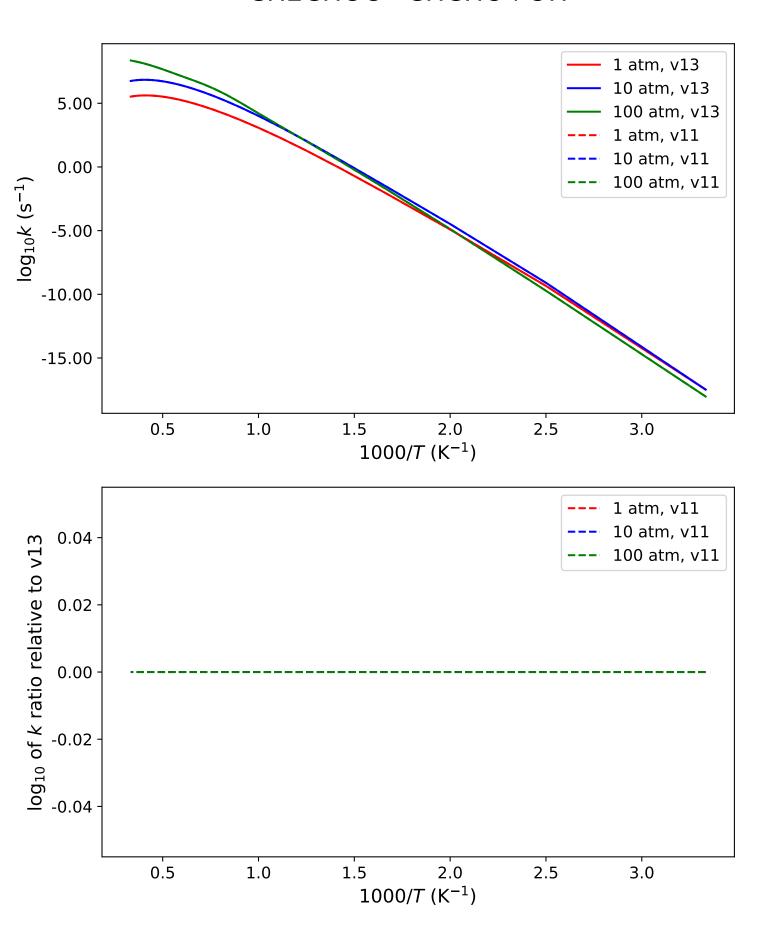
### CH3CHCH2+OH=CH2CHCH2+H2O



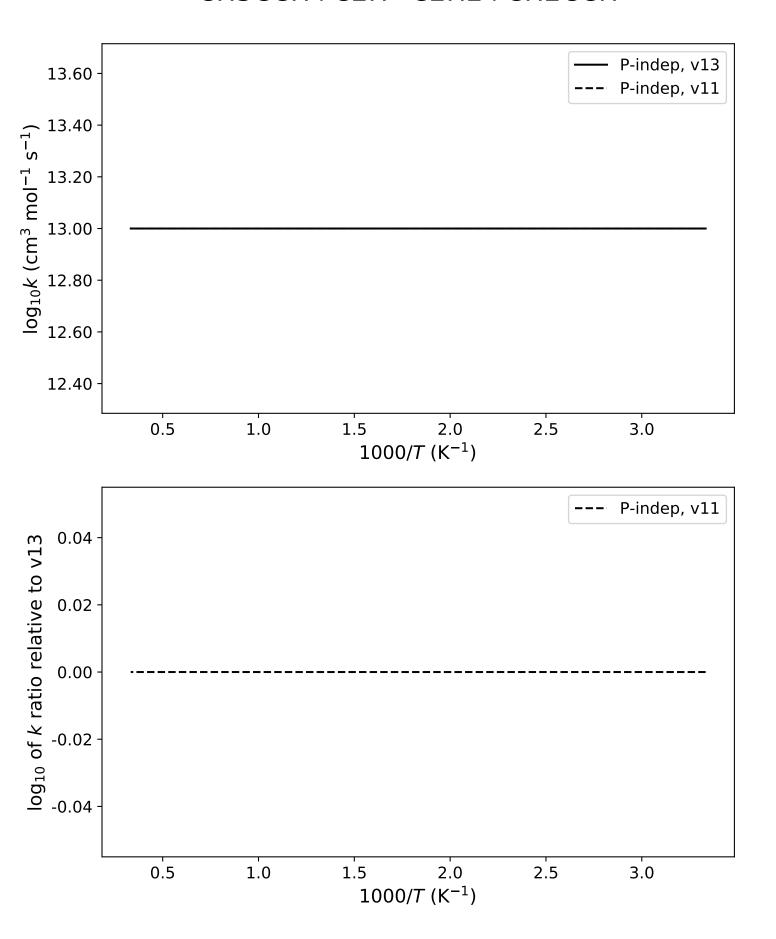
## O2+CH3CH(OOH)CH2=CH2CH(OOH)CH2OOH



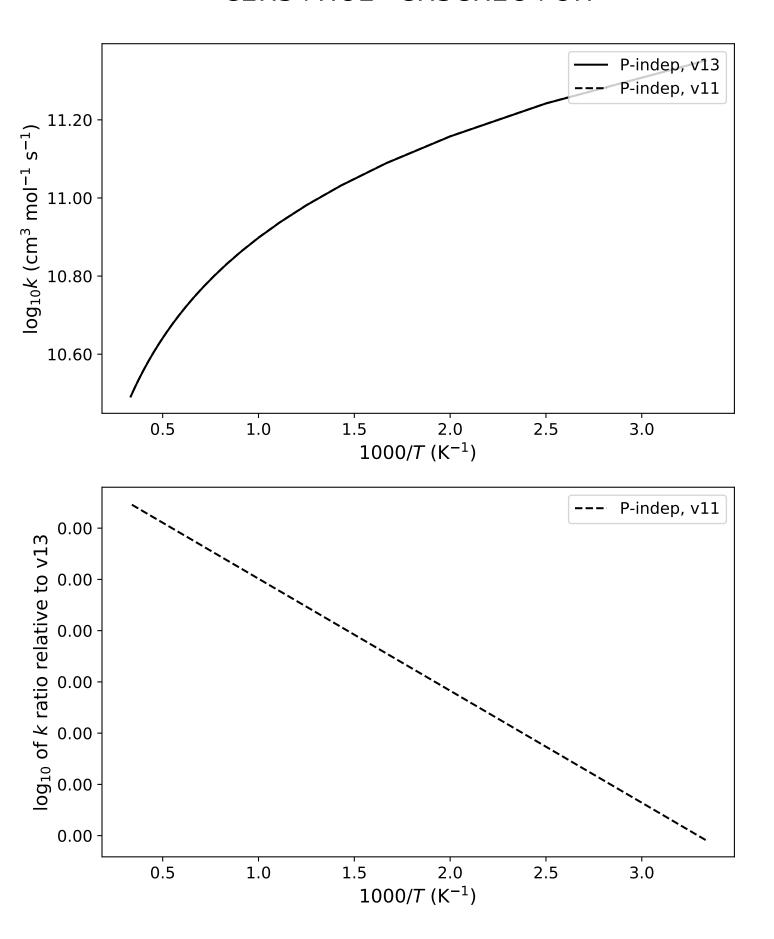
### CH2CHOO=CHCHO+OH



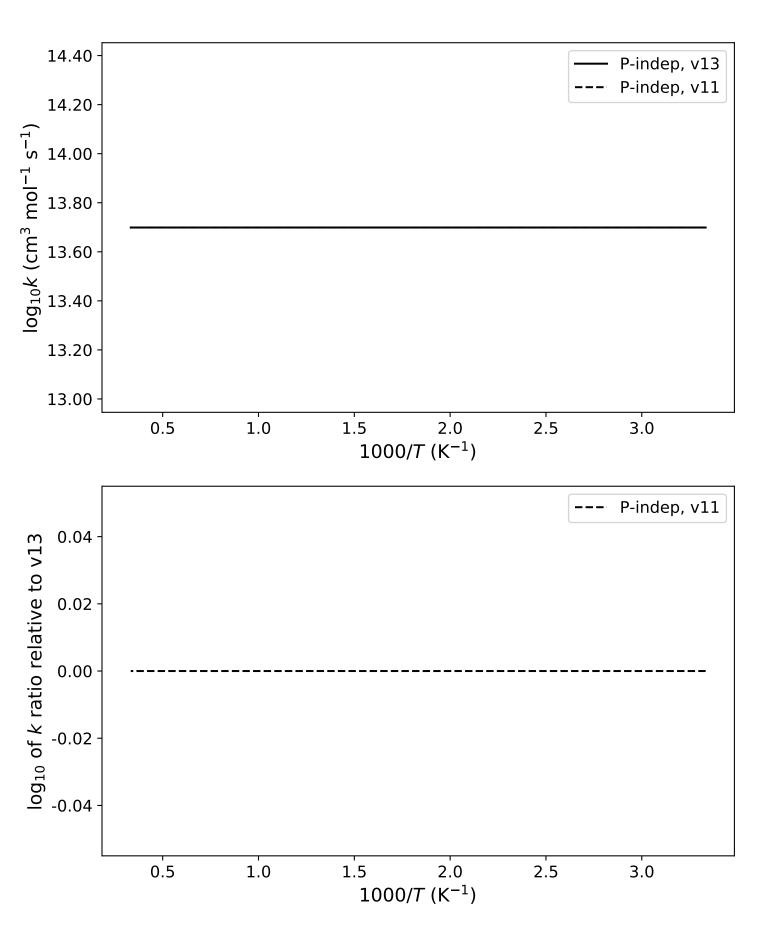
### CH3CCH+C2H=C2H2+CH2CCH



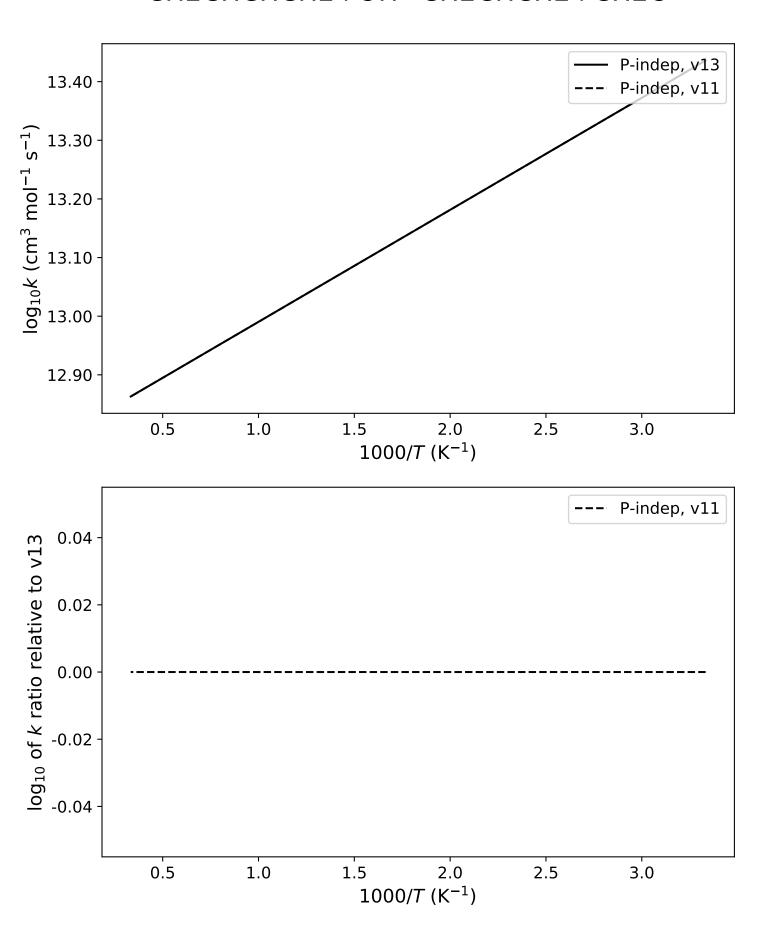
## C2H5+HO2=CH3CH2O+OH



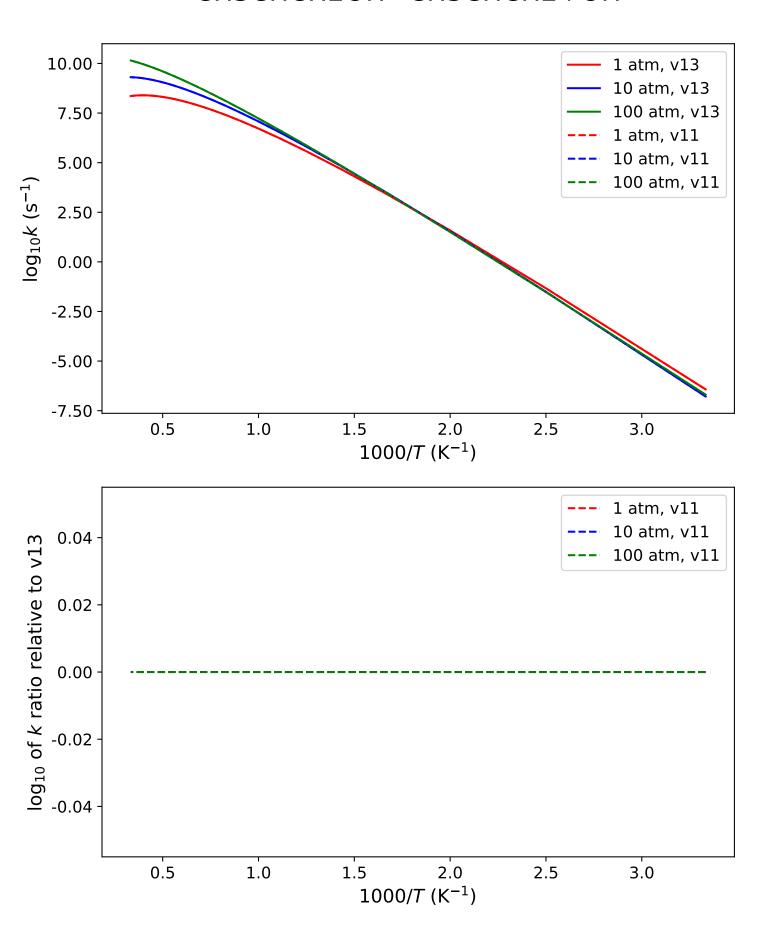
### CHCHOH+H=CH2CHO+H



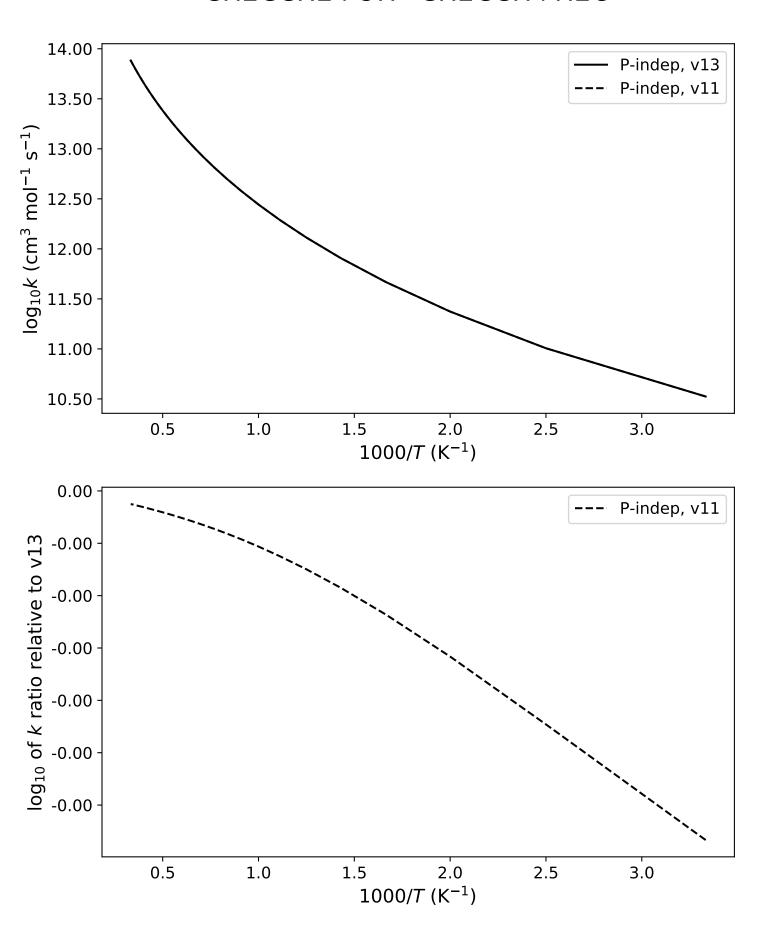
### CH2CHCH2+OH=CH2CHCH2+CH2O



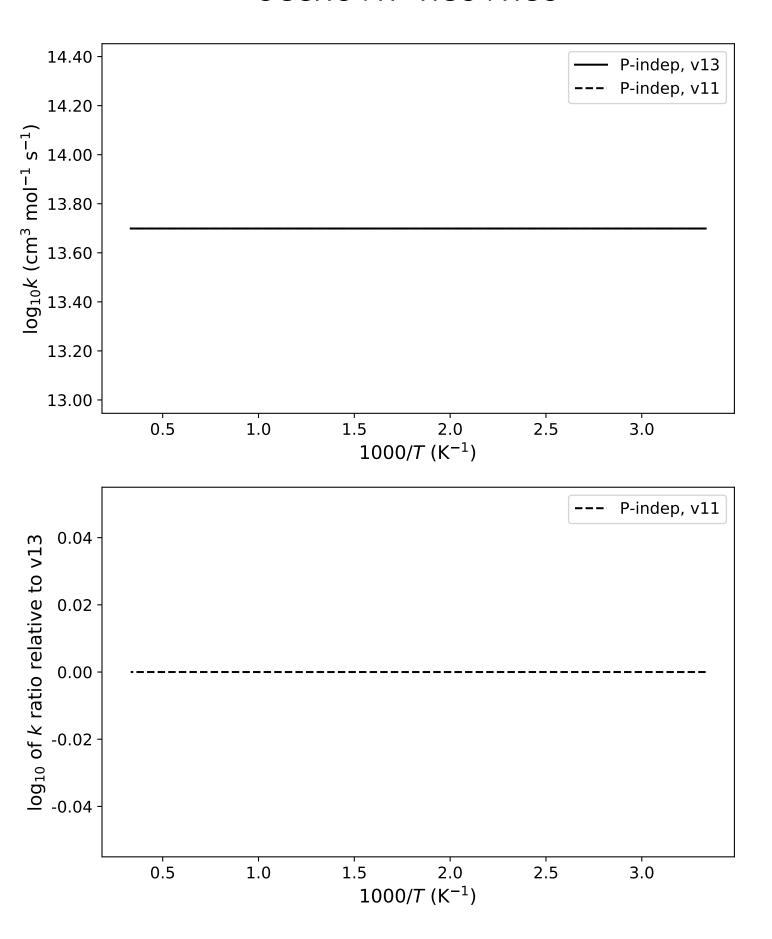
## CH3CHCH2OH=CH3CHCH2+OH



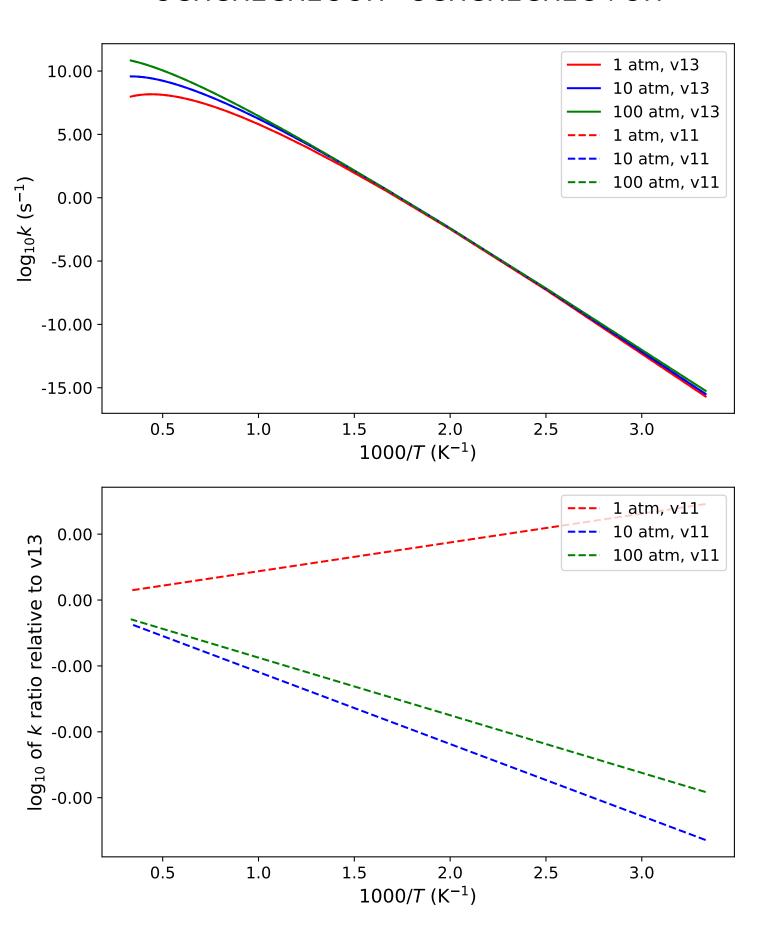
### CH2CCH2+OH=CH2CCH+H2O



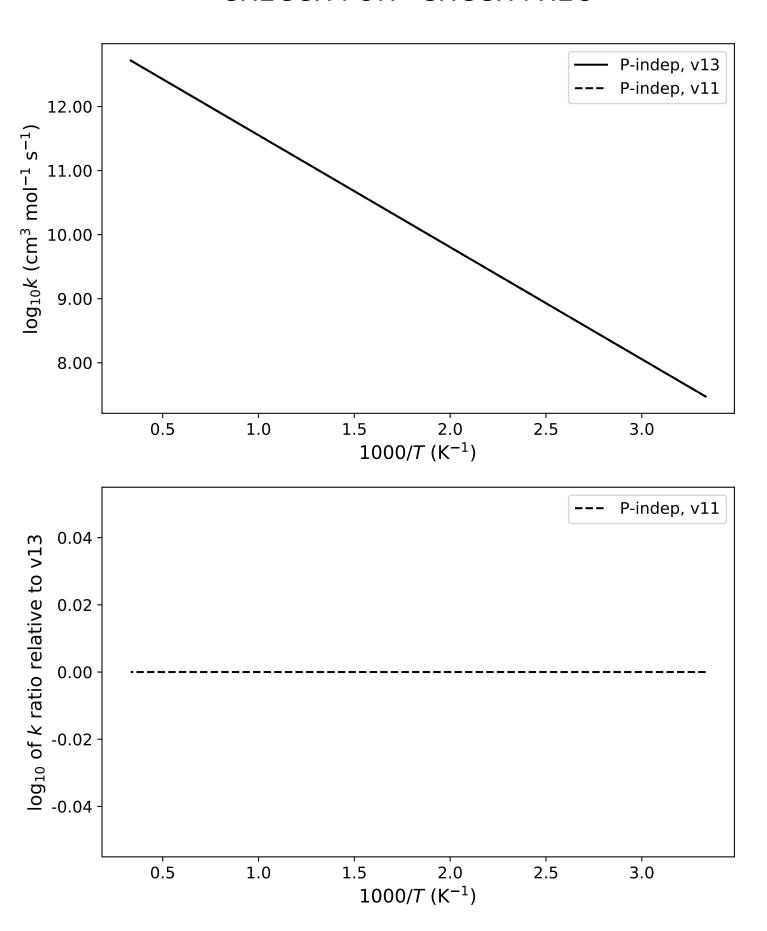
## OCCHO+H=HCO+HCO



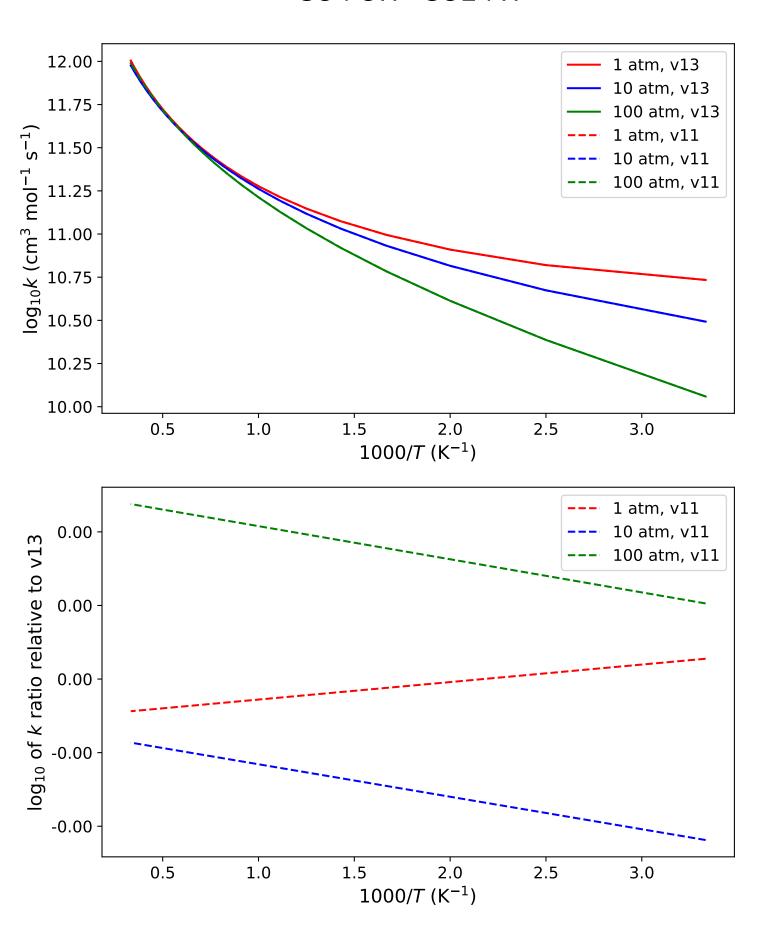
### OCHCH2CH2OOH=OCHCH2CH2O+OH



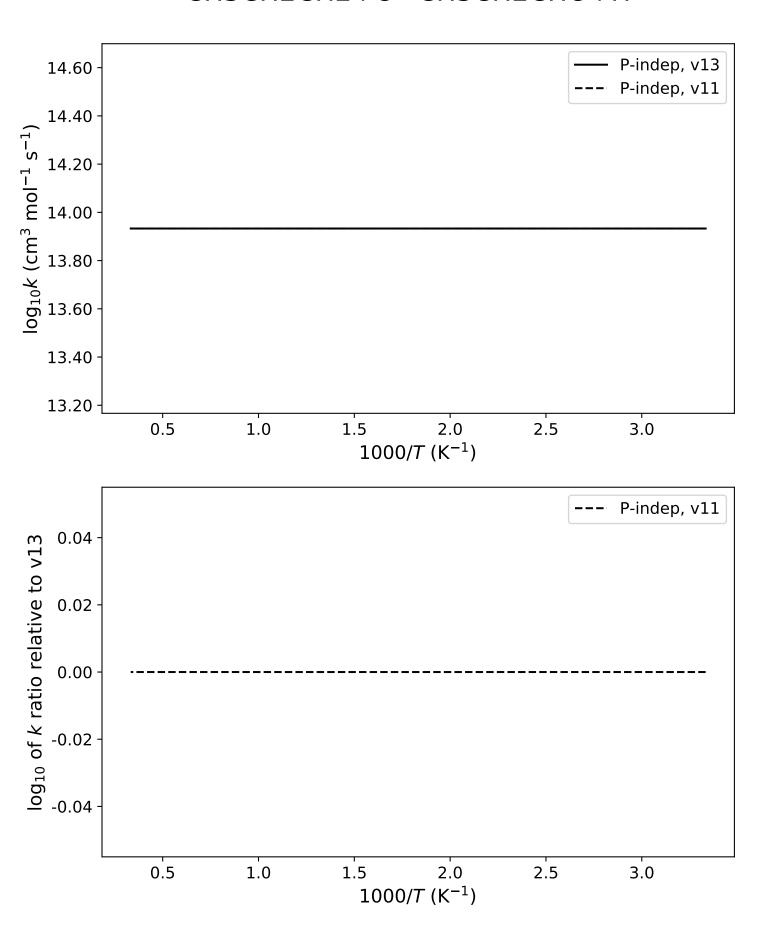
### CH2CCH+OH=CHCCH+H2O



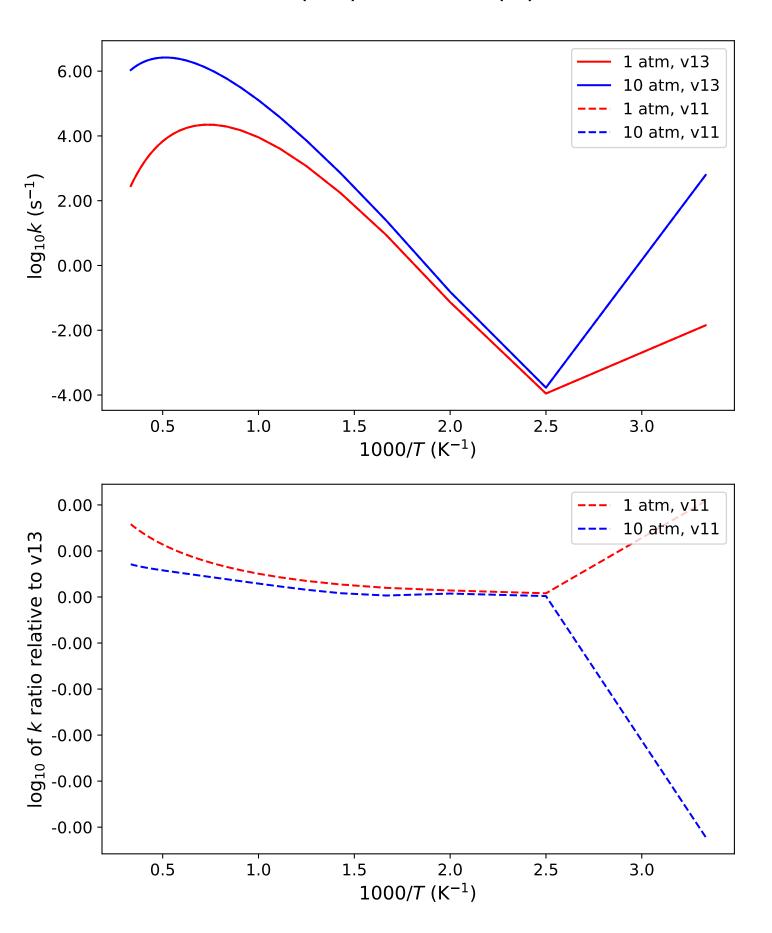
#### CO+OH=CO2+H



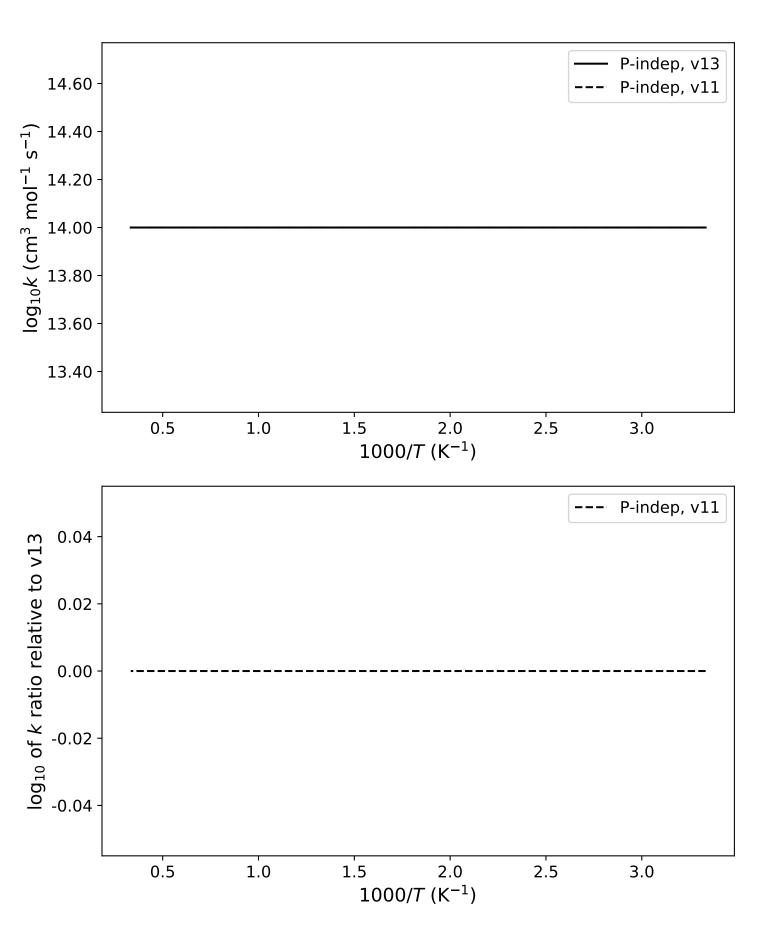
## CH3CH2CH2+O=CH3CH2CHO+H



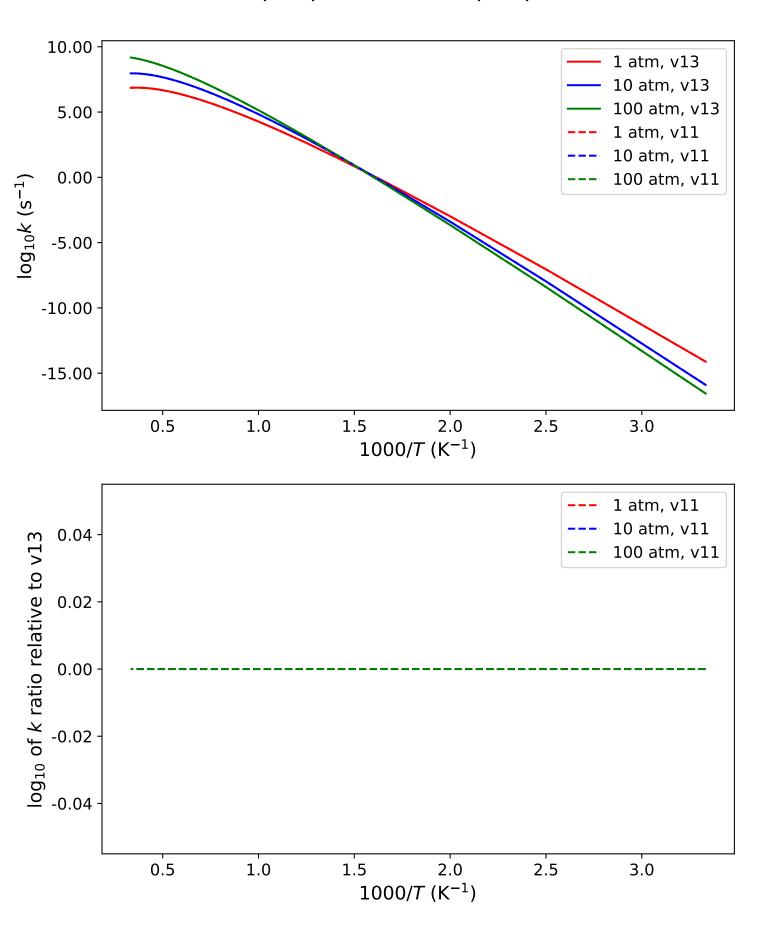
## CH3C(OH)CH=CH3C(O)CH2



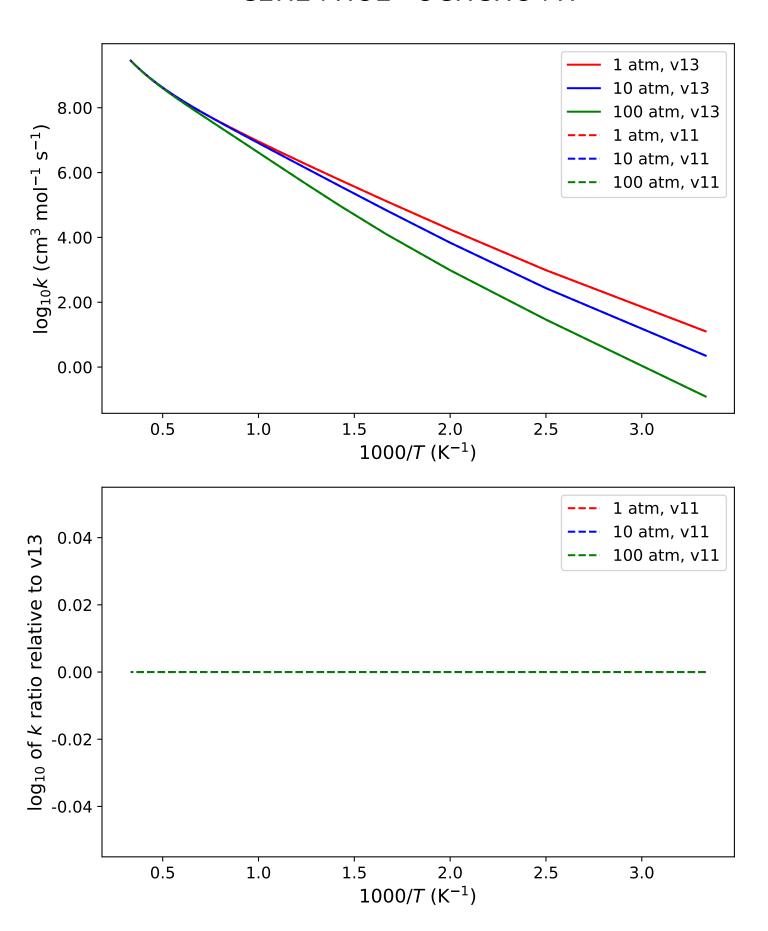
## CH3CCH2+O=CH2CO+CH3



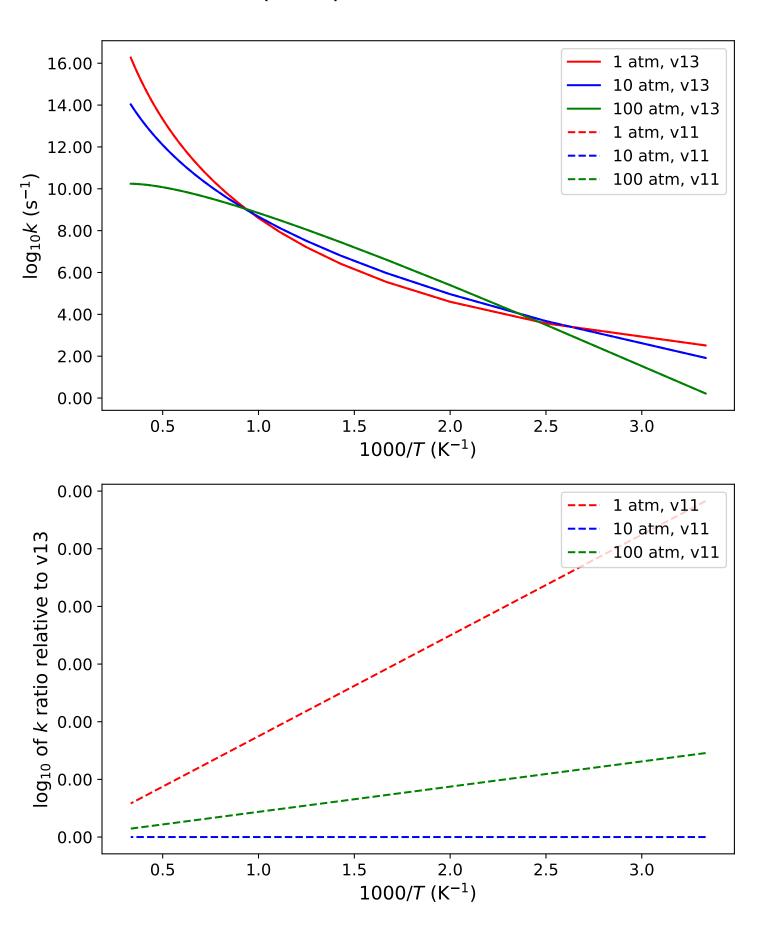
## CH3C(OH)CH3=CH3C(OH)CH2+H



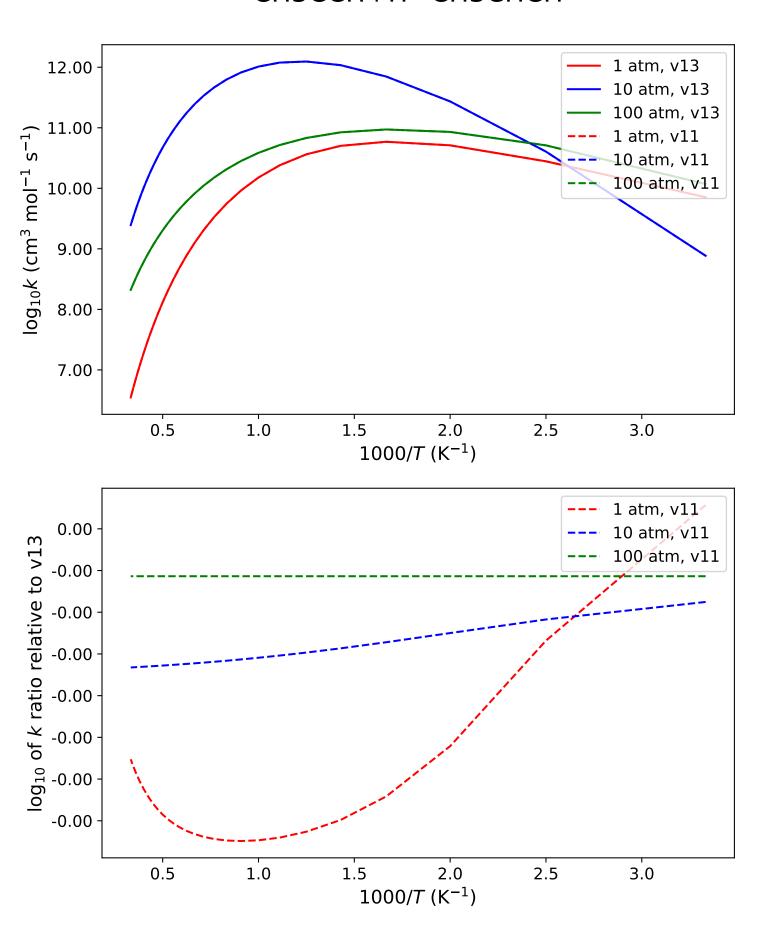
#### C2H2+HO2=OCHCHO+H



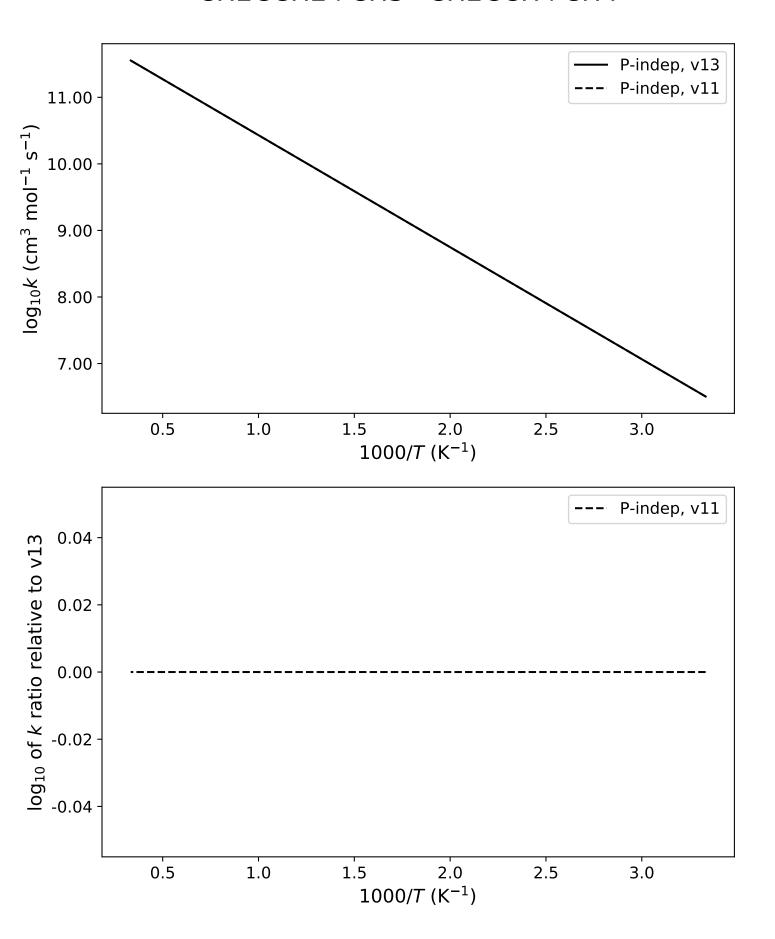
## CH3CH(OOH)CH2=HO2+CH3CHCH2



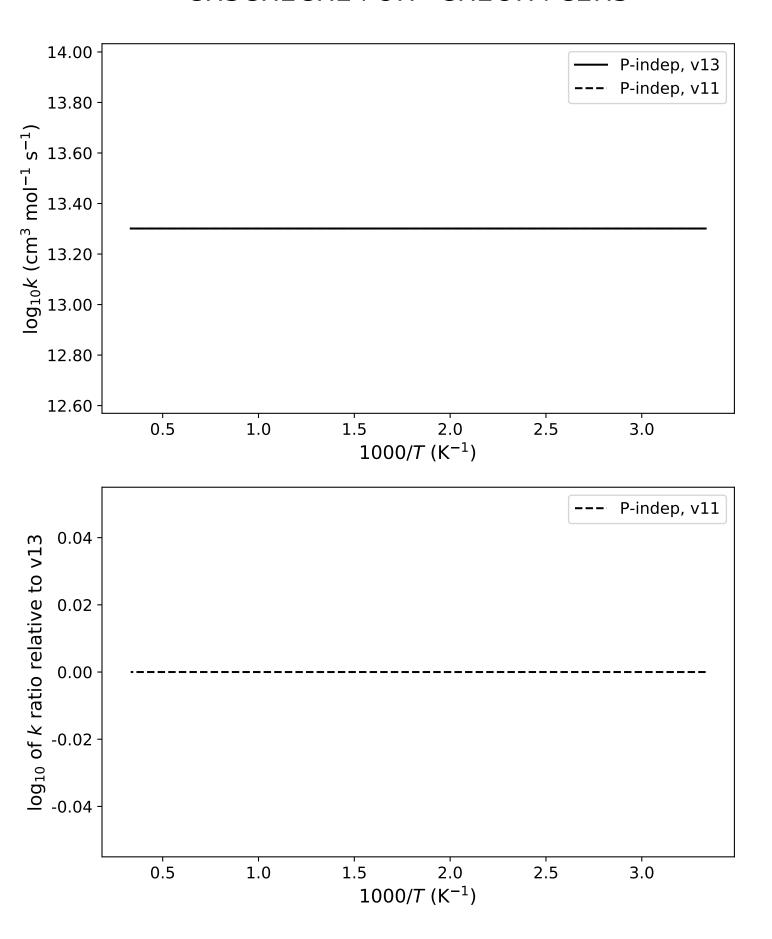
### CH3CCH+H=CH3CHCH



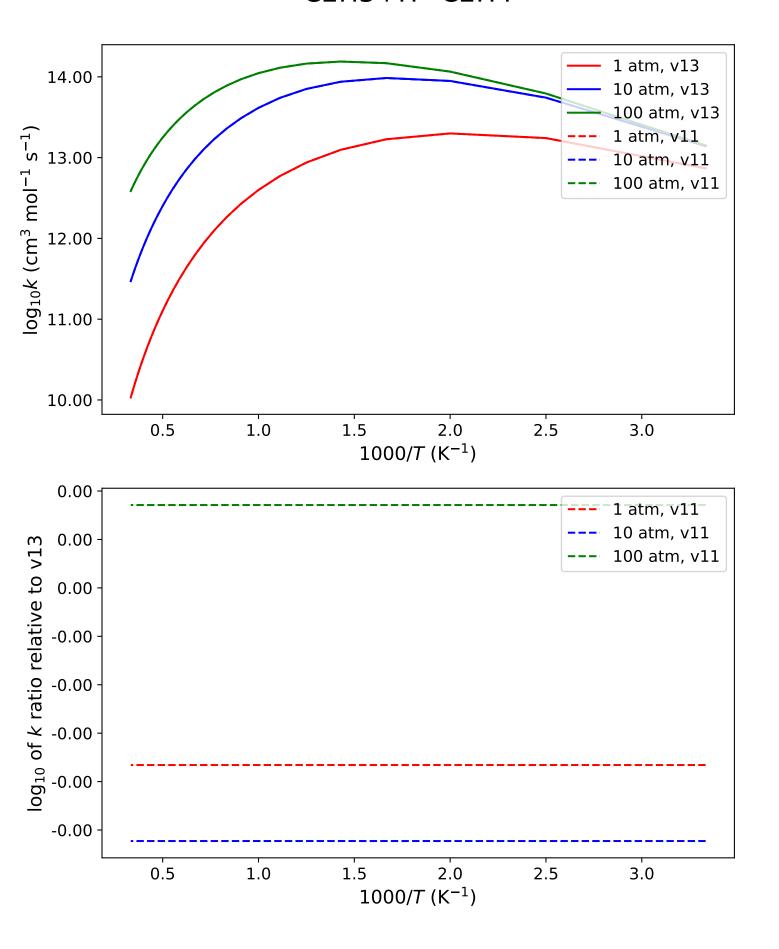
## CH2CCH2+CH3=CH2CCH+CH4



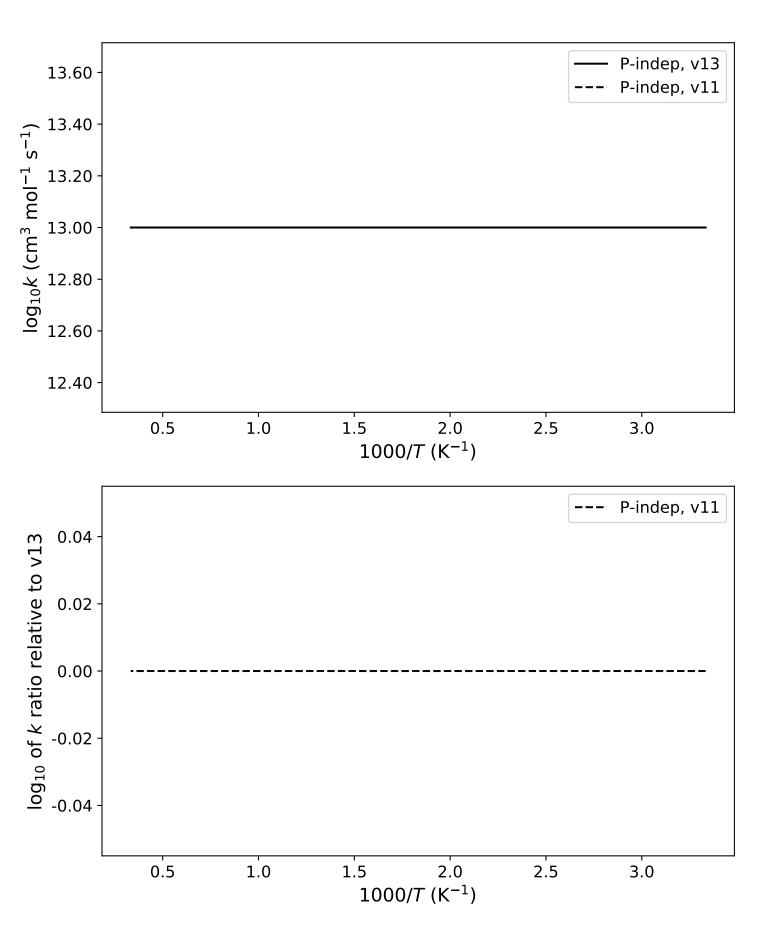
### CH3CH2CH2+OH=CH2OH+C2H5



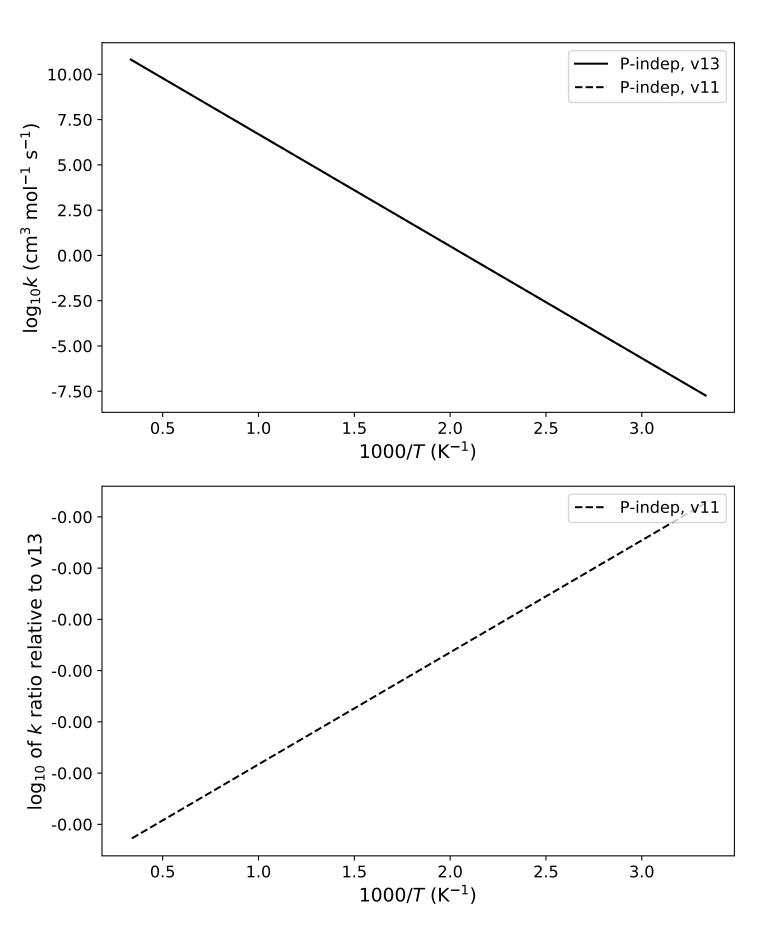
## C2H3+H=C2H4



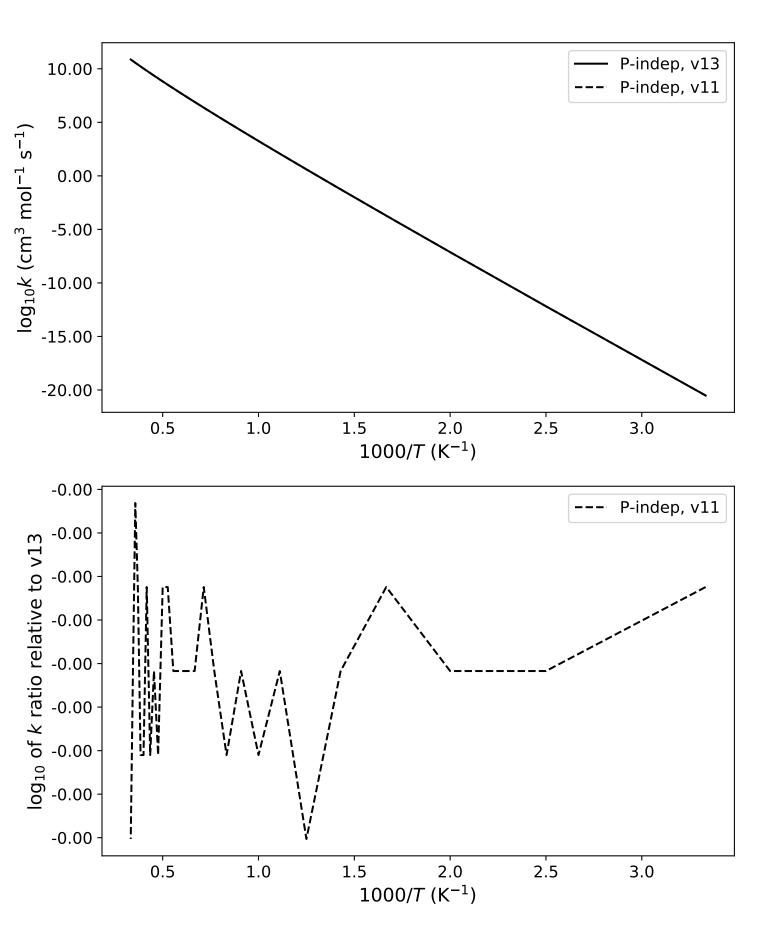
### CH2CCH2+C2H=C2H2+CH2CCH



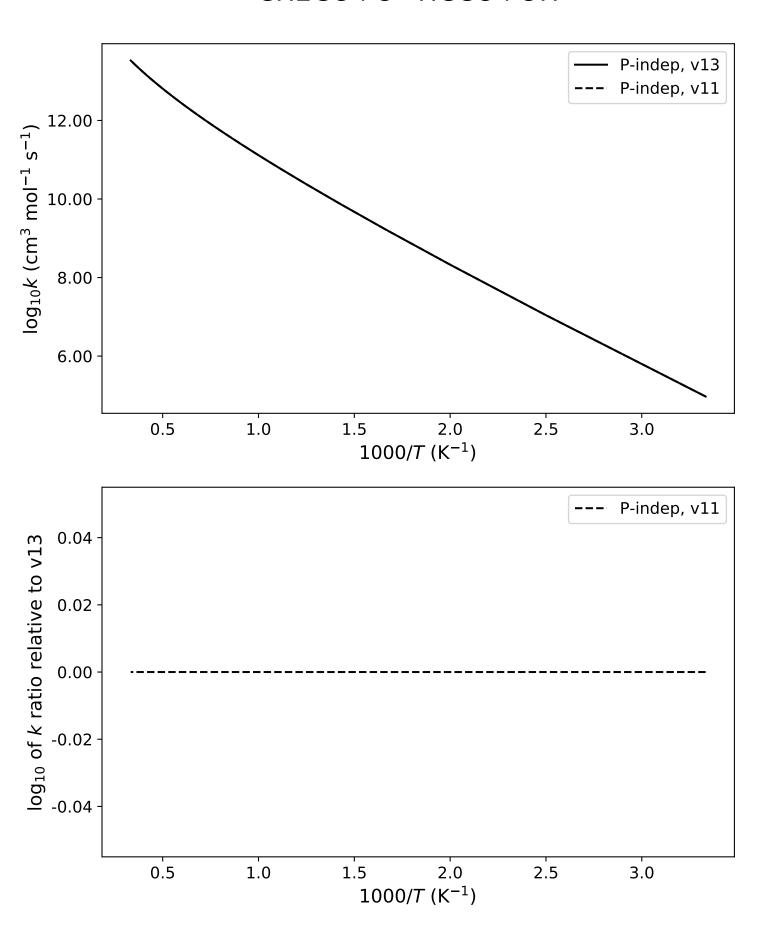
## CH3+O2=CH3O+O



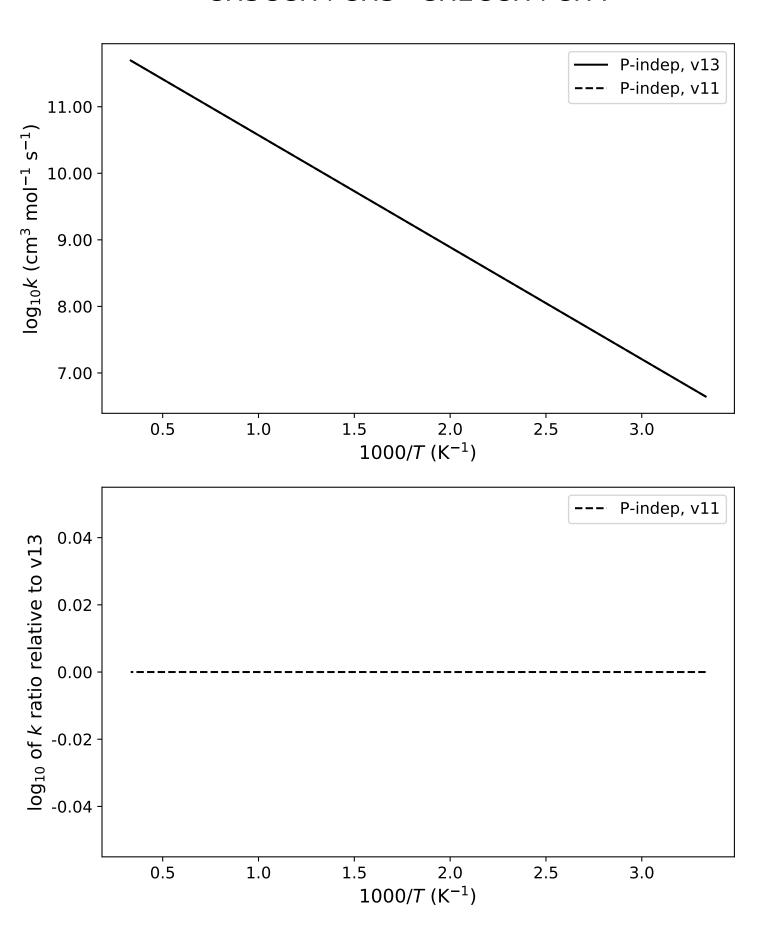
### CH3CH2OH+O2=CH3CHOH+HO2



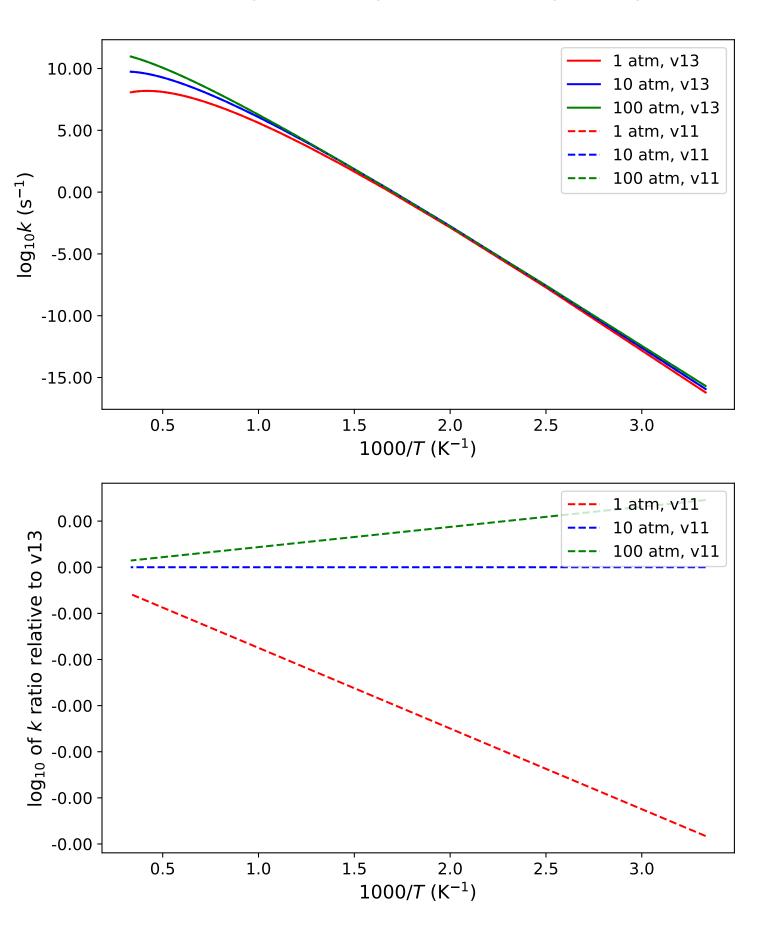
# CH2CO+O=HCCO+OH



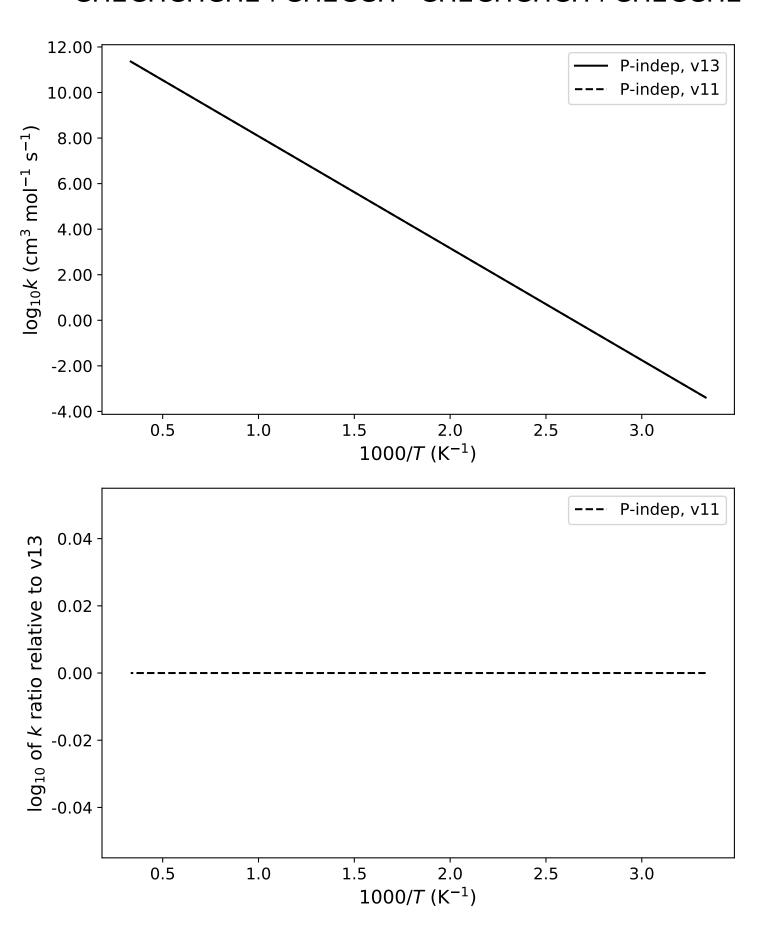
### CH3CCH+CH3=CH2CCH+CH4



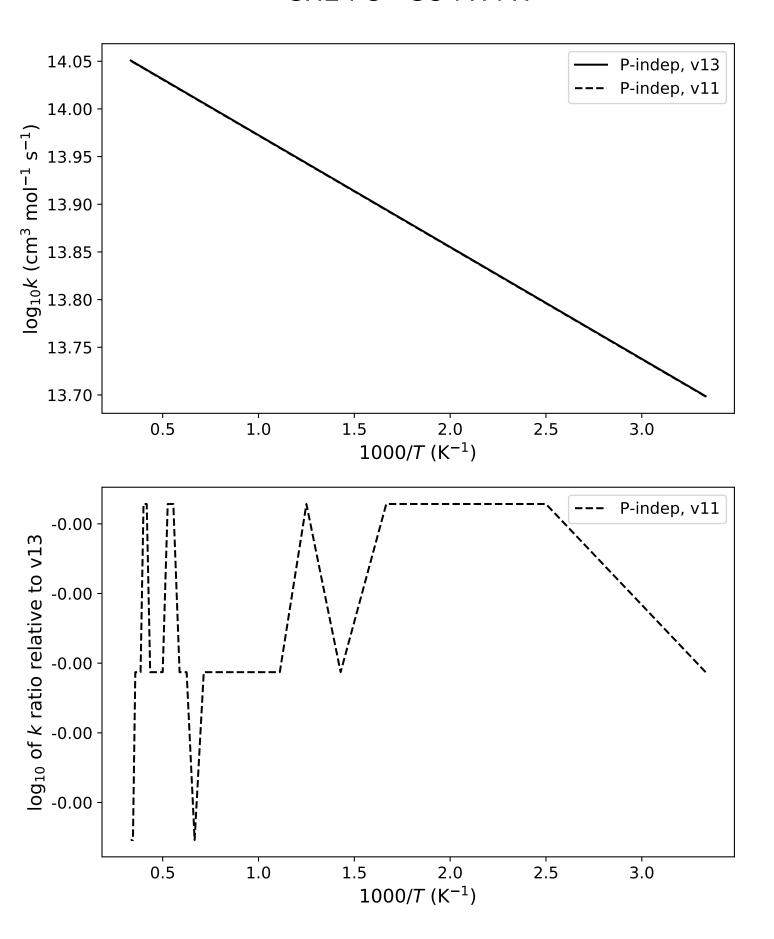
## c-CH2OCH(CH2OOH)=c-CH2OCH(CH2O)+OH



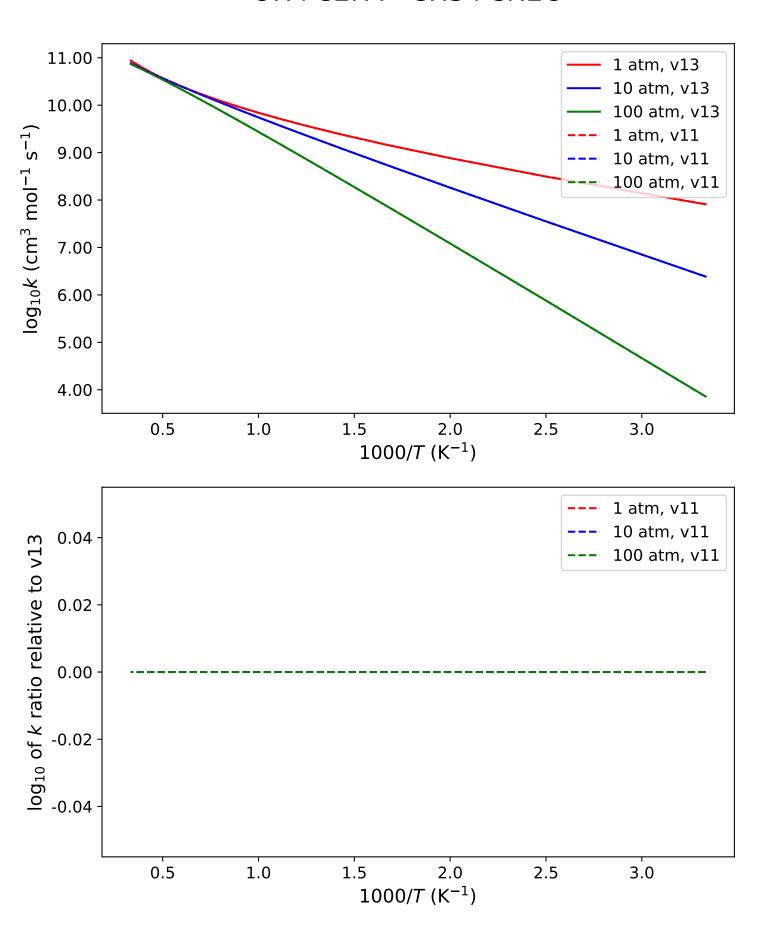
#### CH2CHCHCH2+CH2CCH=CH2CHCHCH+CH2CCH2



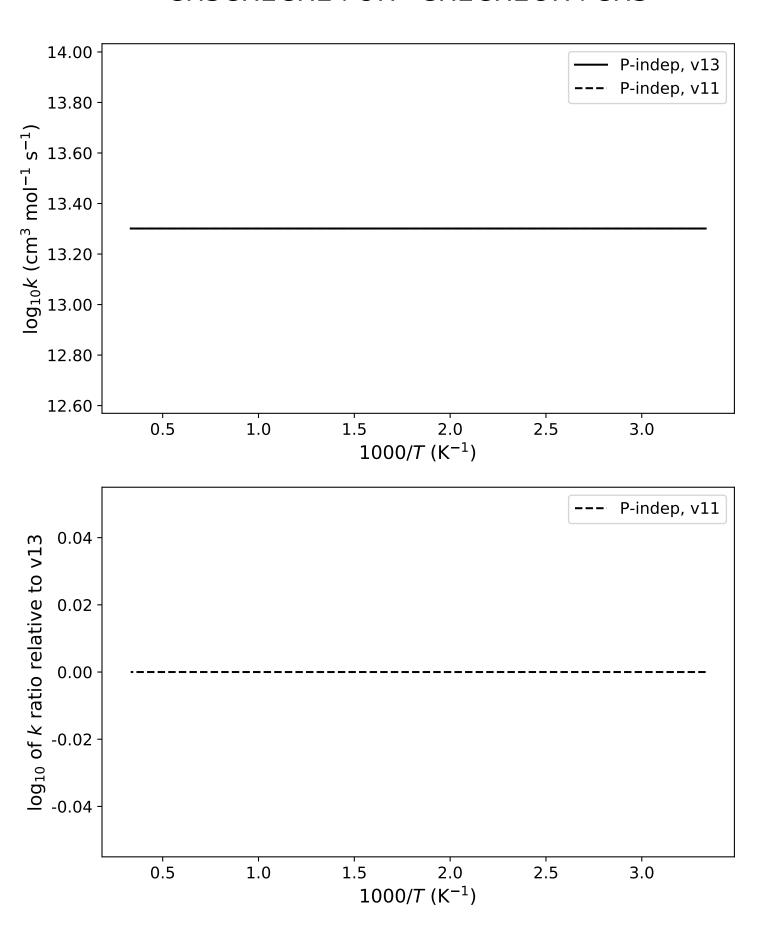
## CH2+O=CO+H+H



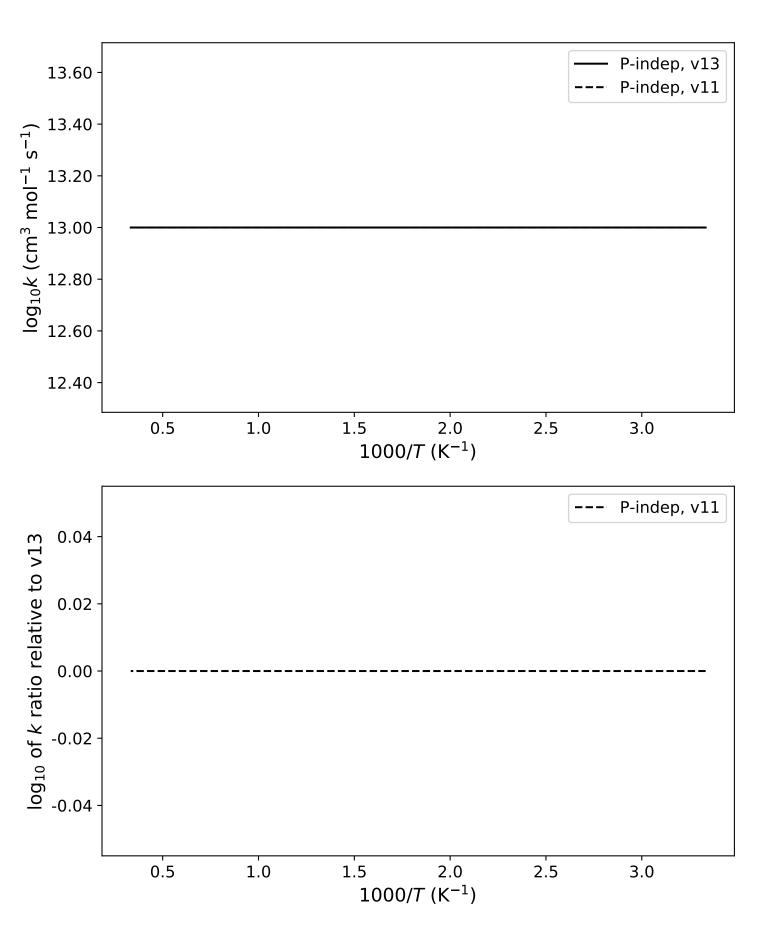
# OH+C2H4=CH3+CH2O



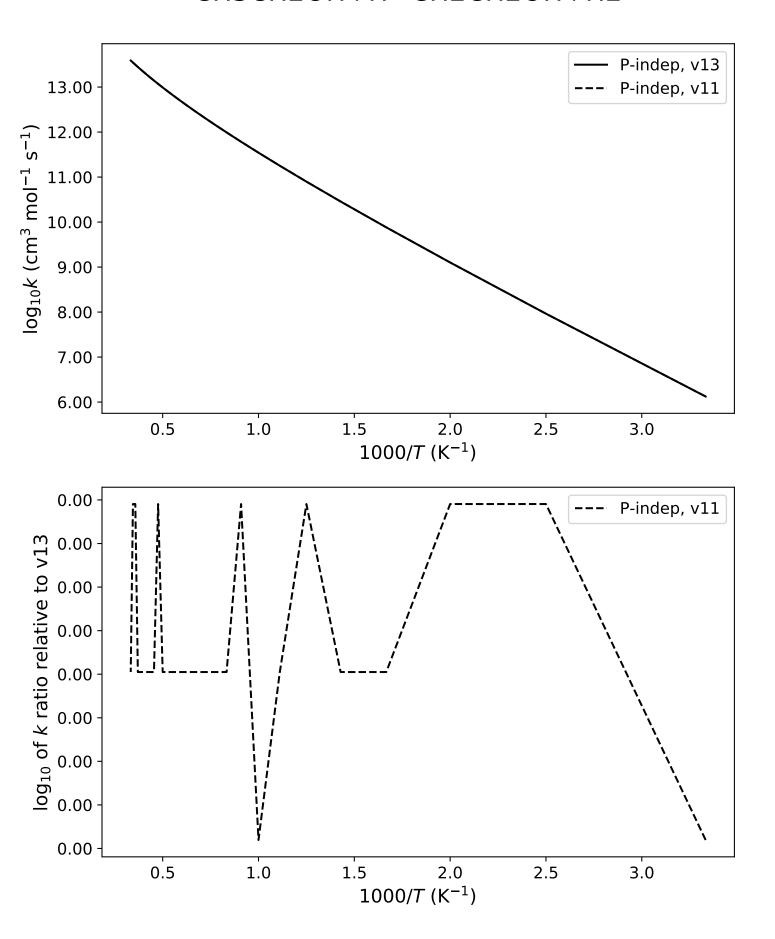
### CH3CH2CH2+OH=CH2CH2OH+CH3



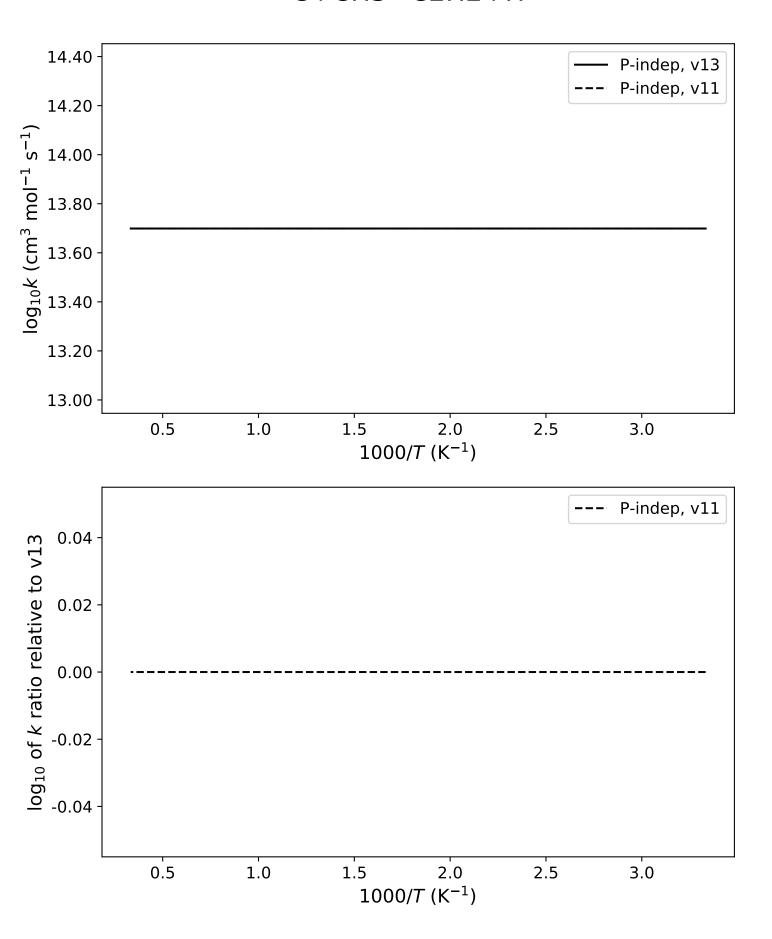
#### CH3CH2CH2+HO2=C2H5+OH+CH2O



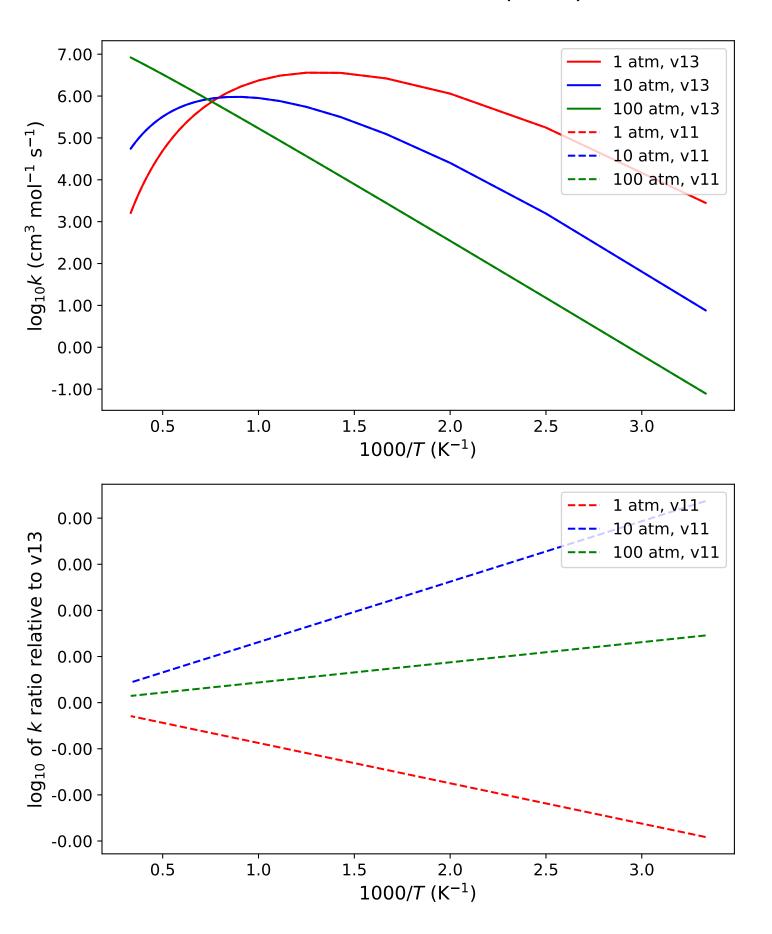
### CH3CH2OH+H=CH2CH2OH+H2



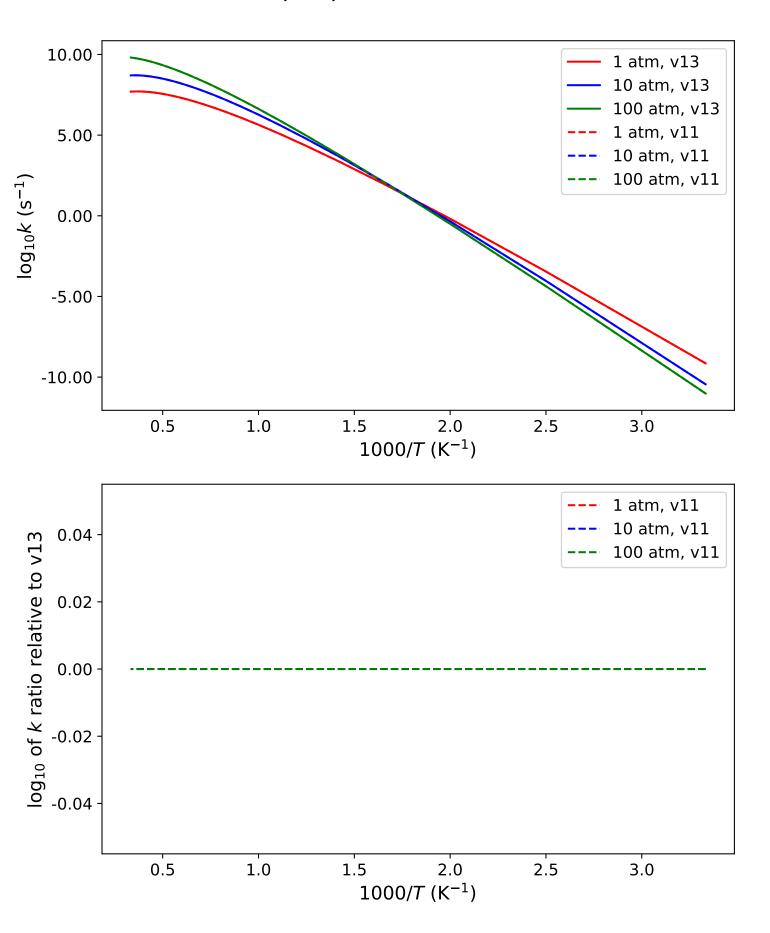
### C+CH3=C2H2+H



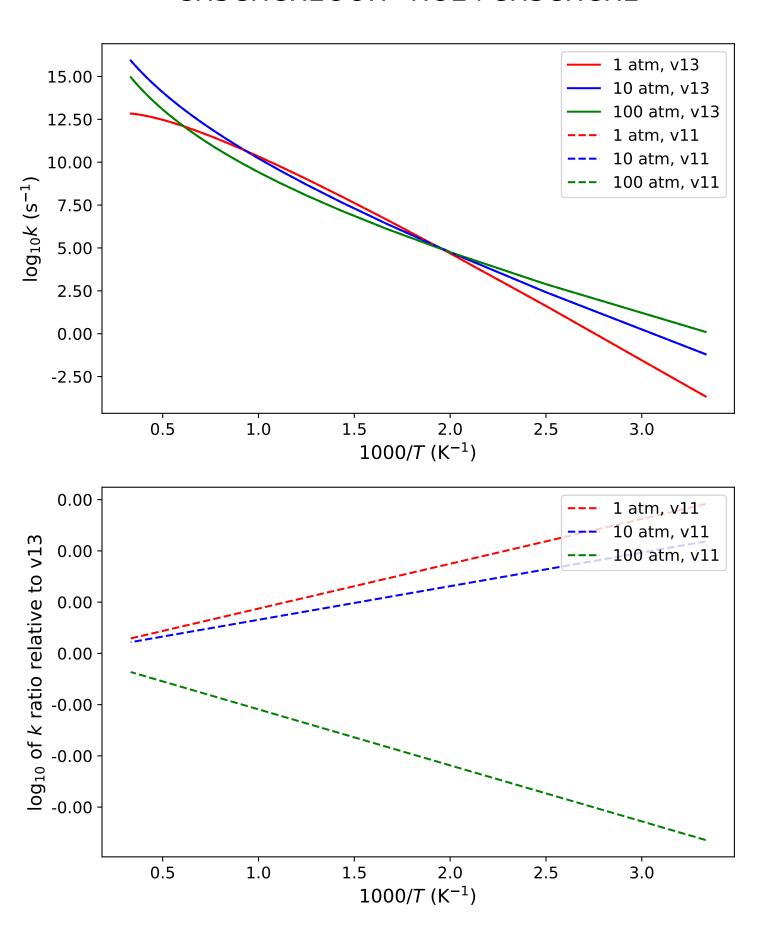
### O2+CH3CHCH2OOH=CH2CH(OOH)CH2OOH



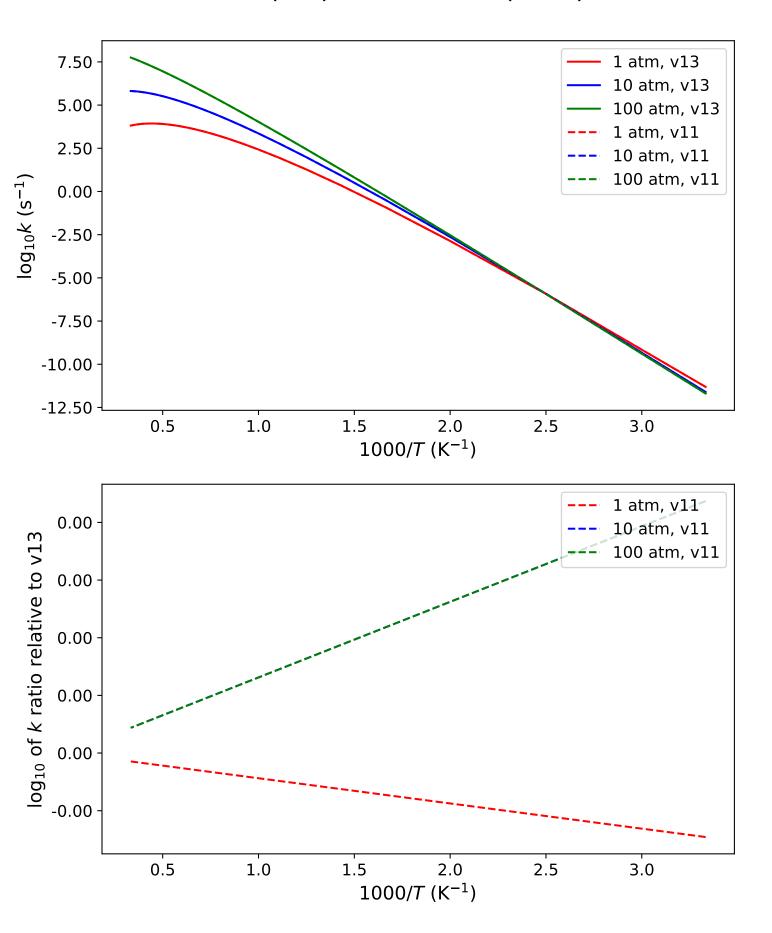
## CH3CH(OH)CH2=CH2CHOH+CH3



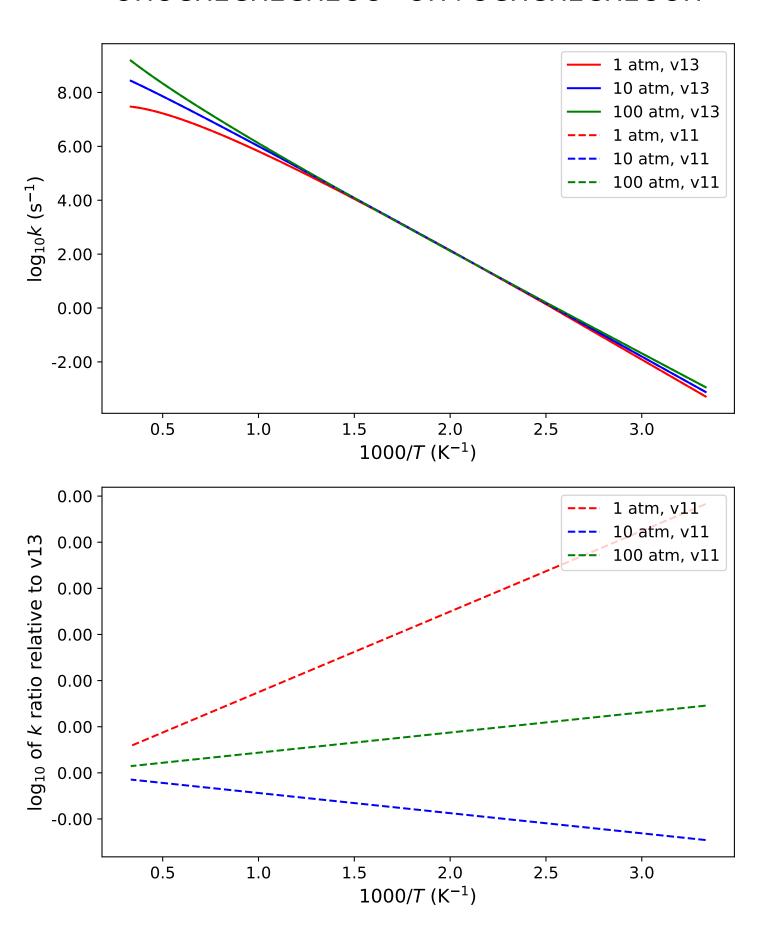
### CH3CHCH2OOH=HO2+CH3CHCH2



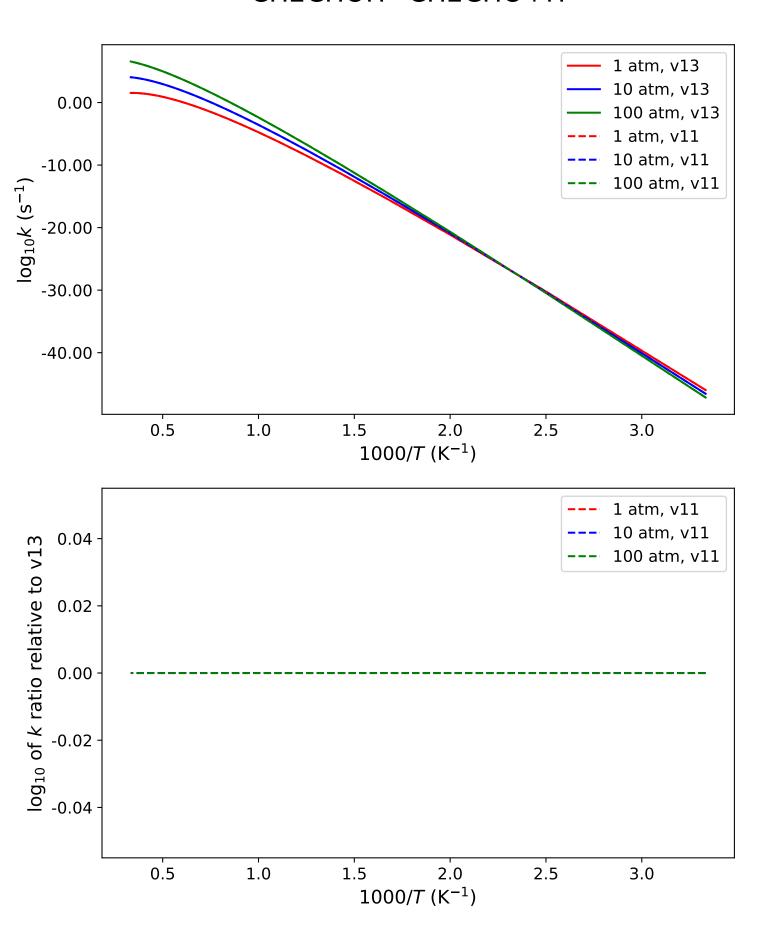
## CH3CH(OO)CH3=CH3CH(OOH)CH2



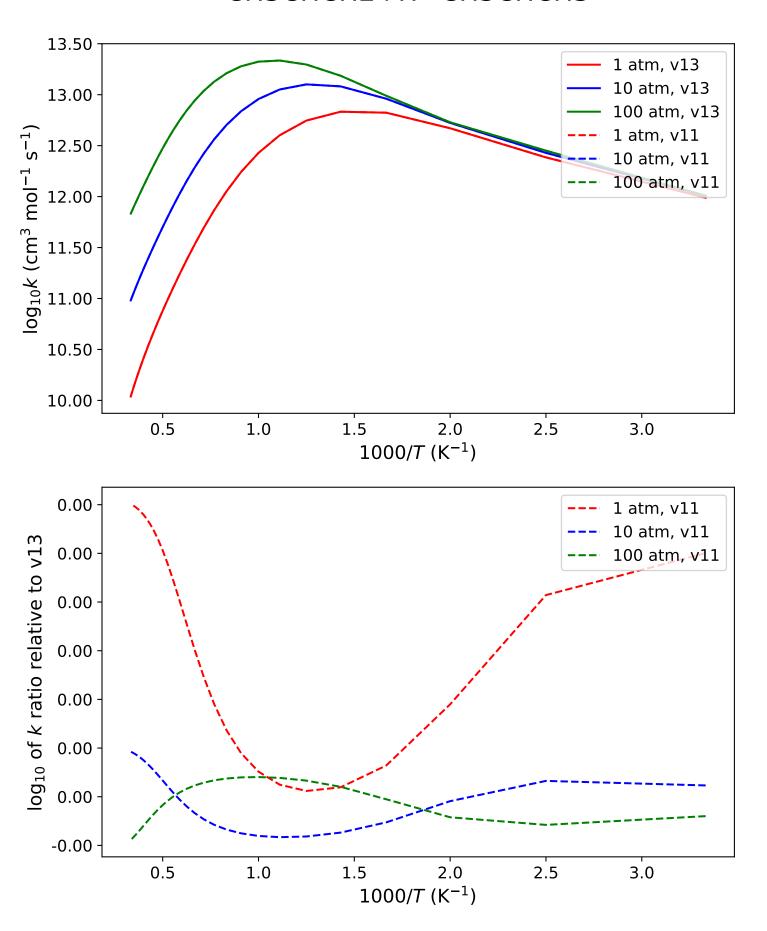
### OHOCH2CH2COO=OH+OCHCH2CH2OOH



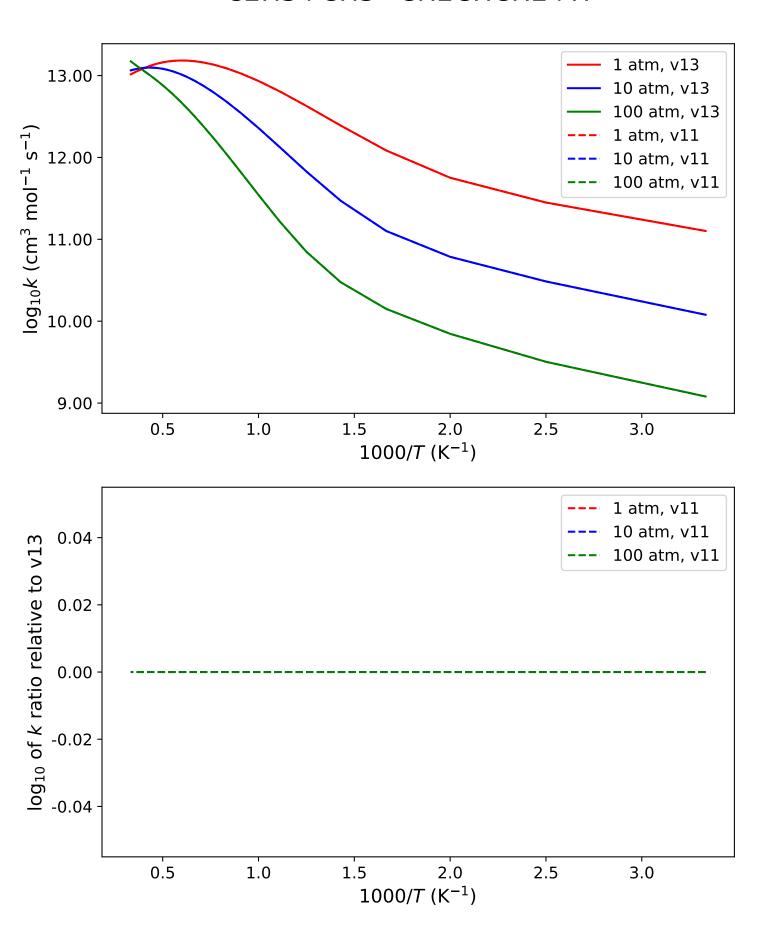
### CH2CHOH=CH2CHO+H



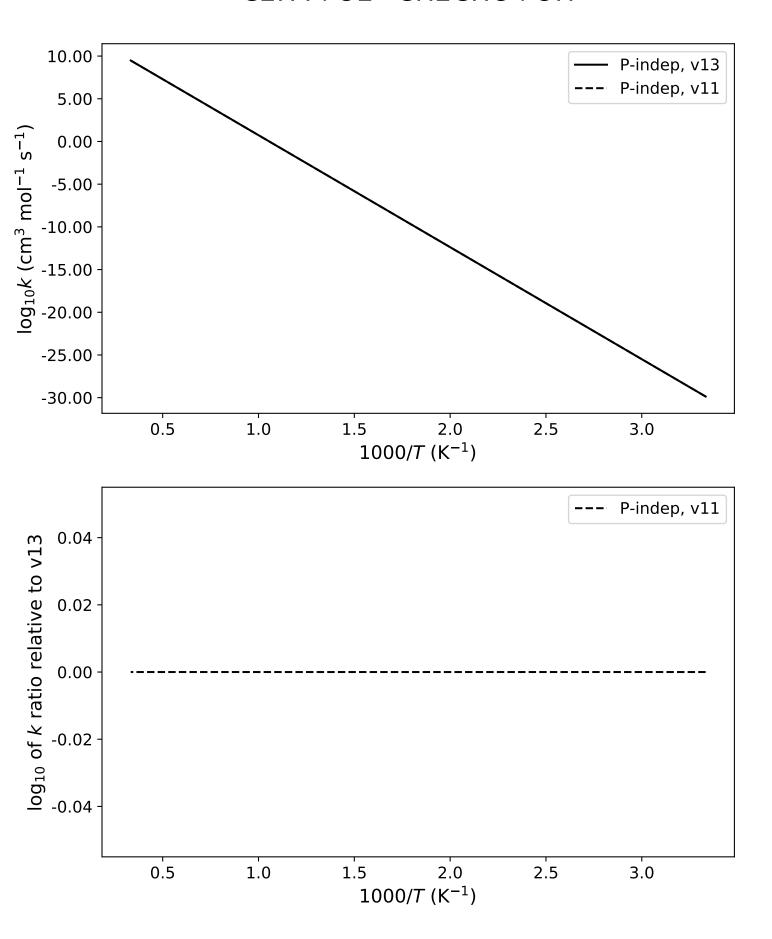
### CH3CHCH2+H=CH3CHCH3



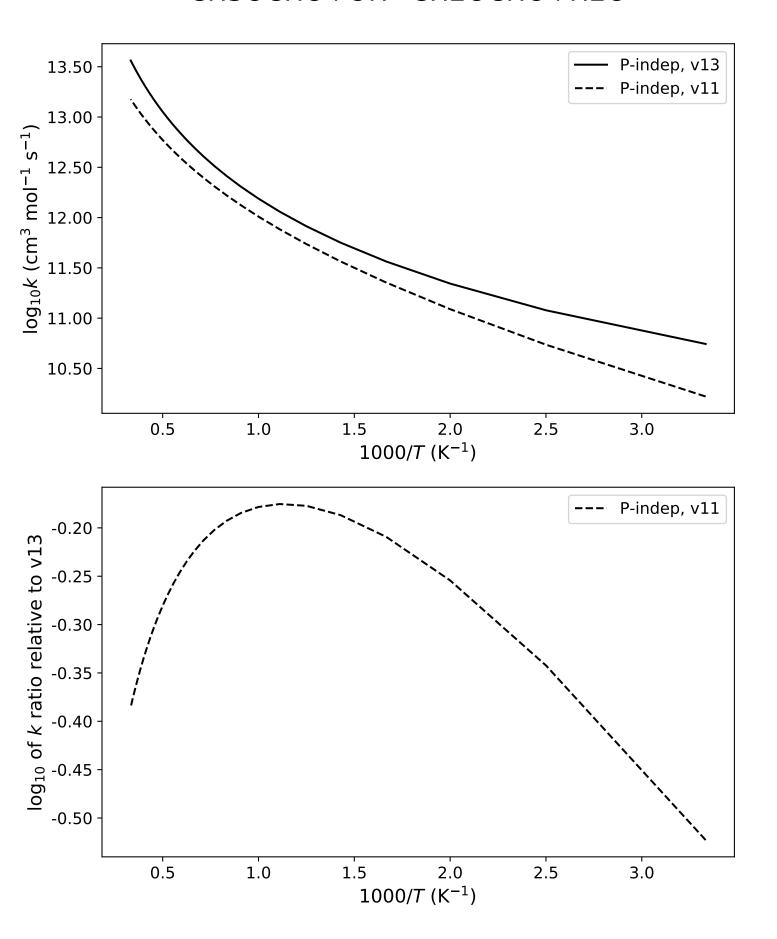
# C2H3+CH3=CH2CHCH2+H



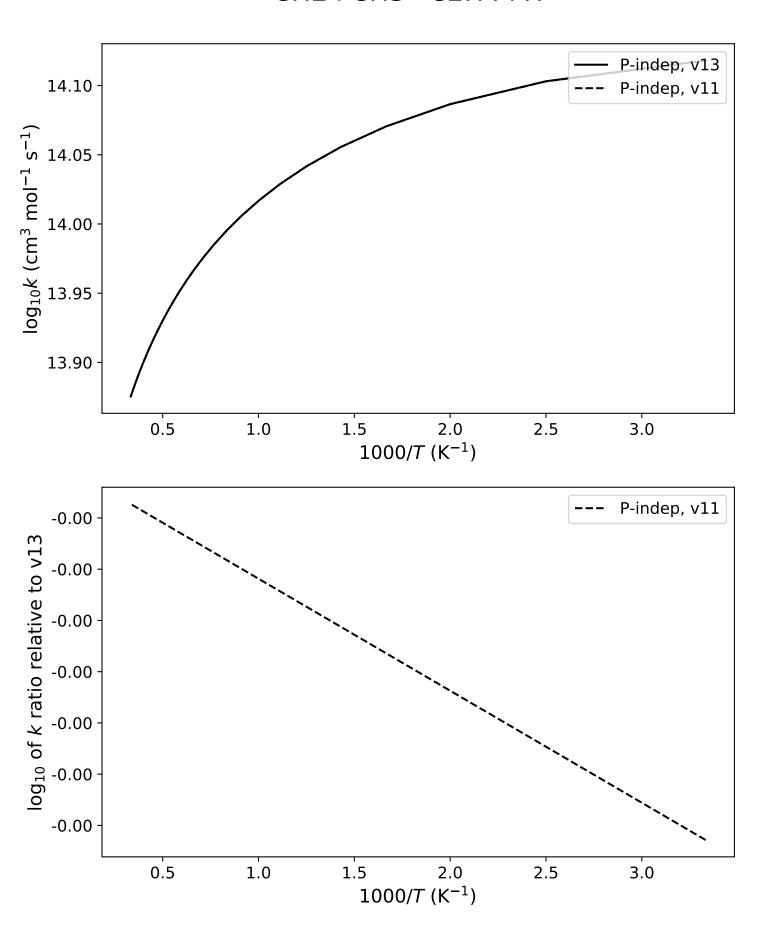
### C2H4+O2=CH2CHO+OH



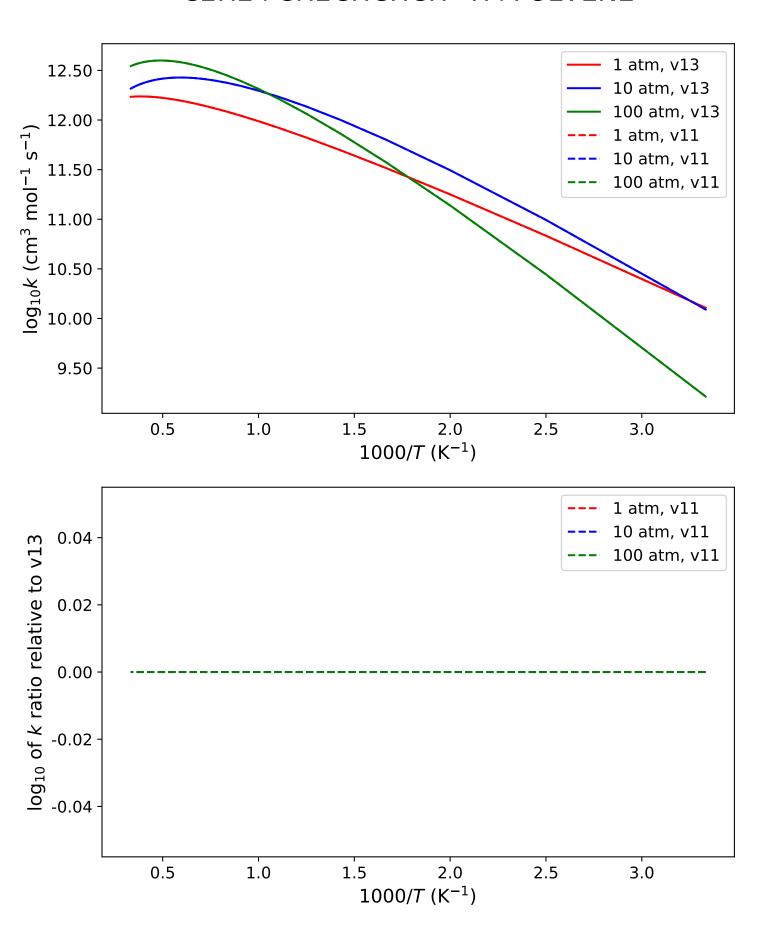
## CH3OCHO+OH=CH2OCHO+H2O



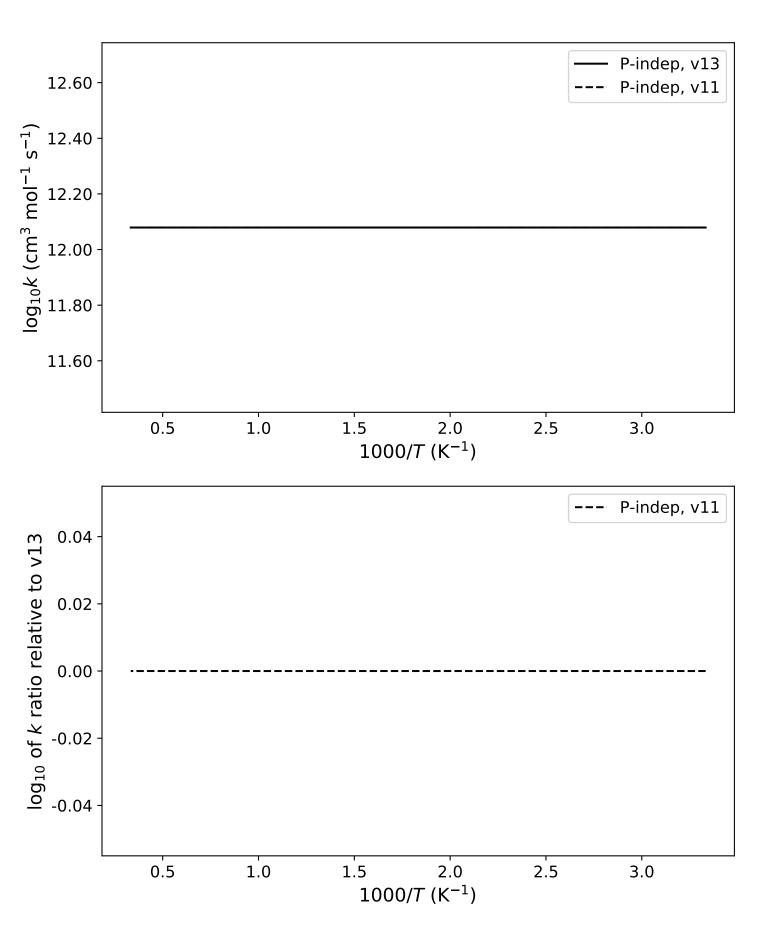
## CH2+CH3=C2H4+H



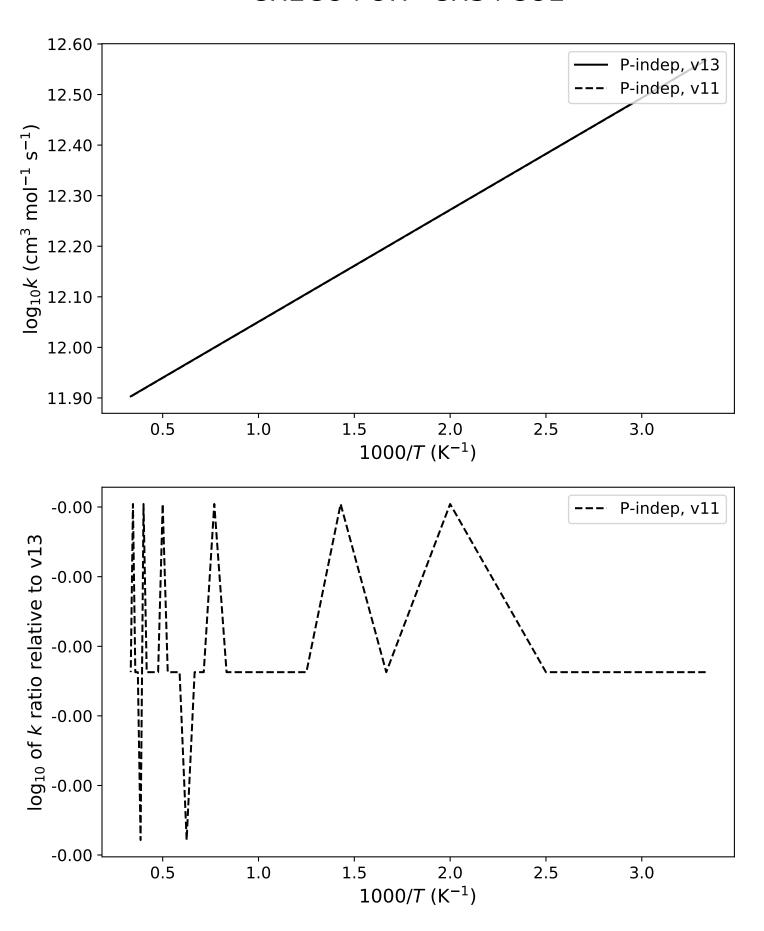
#### C2H2+CH2CHCHCH=H+FULVENE



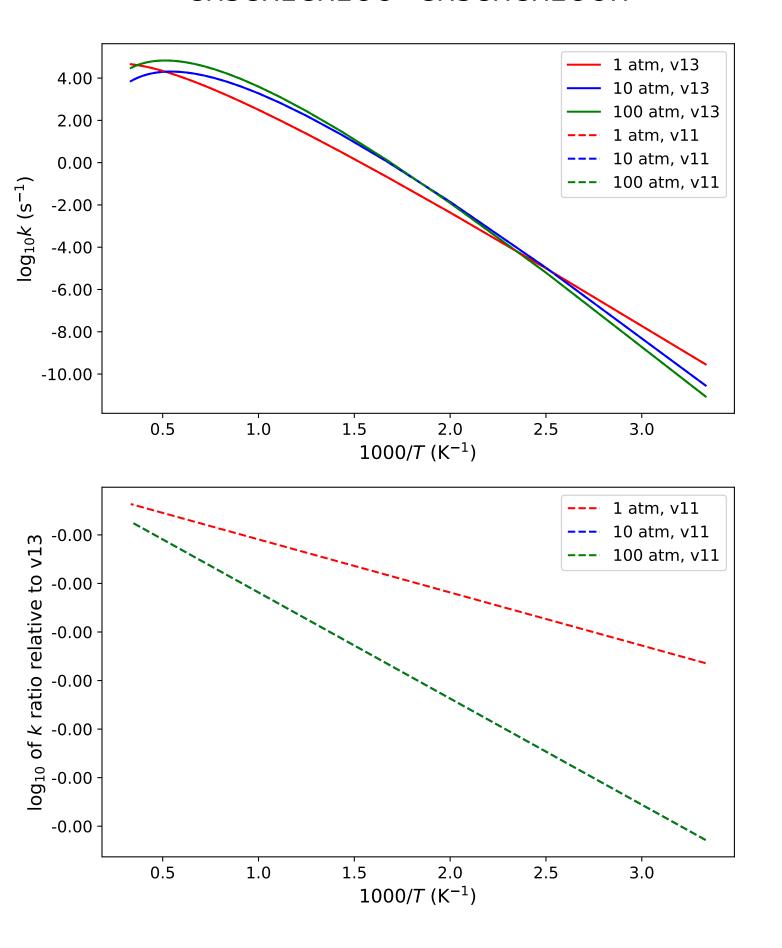
## C4H+O2=CO+CO+C2H



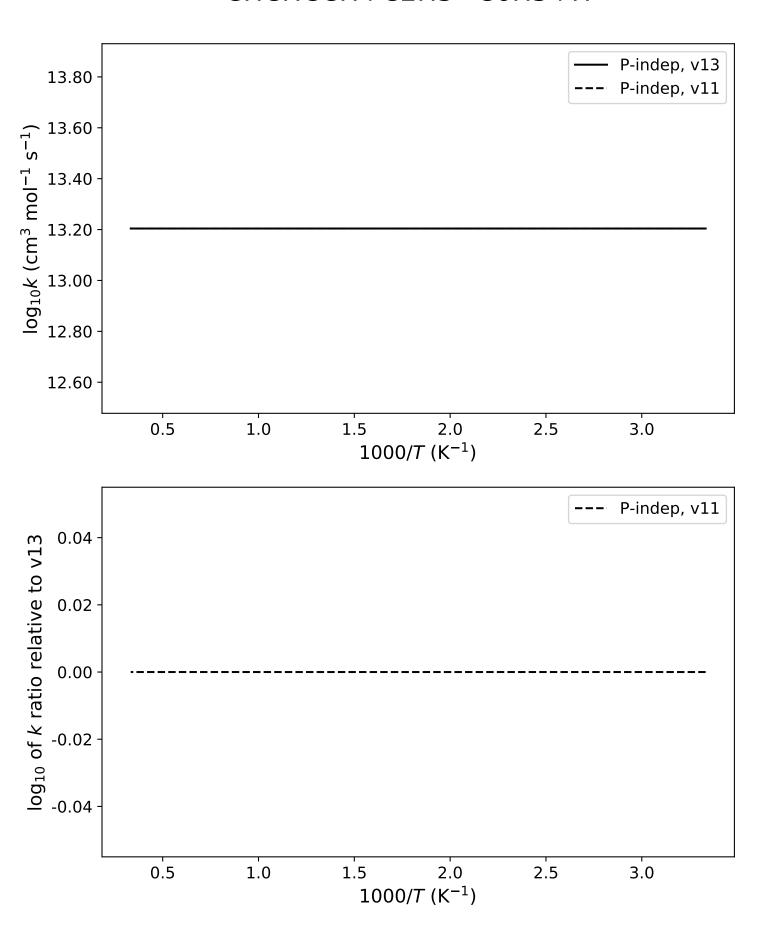
# CH2CO+OH=CH3+CO2



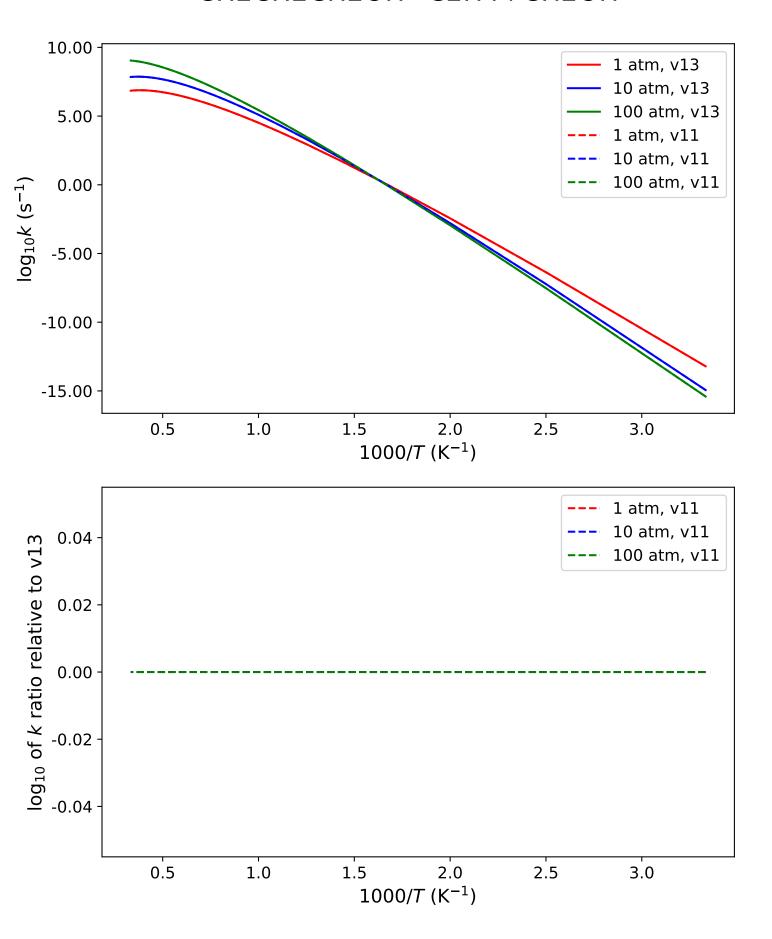
### CH3CH2CH2OO=CH3CHCH2OOH



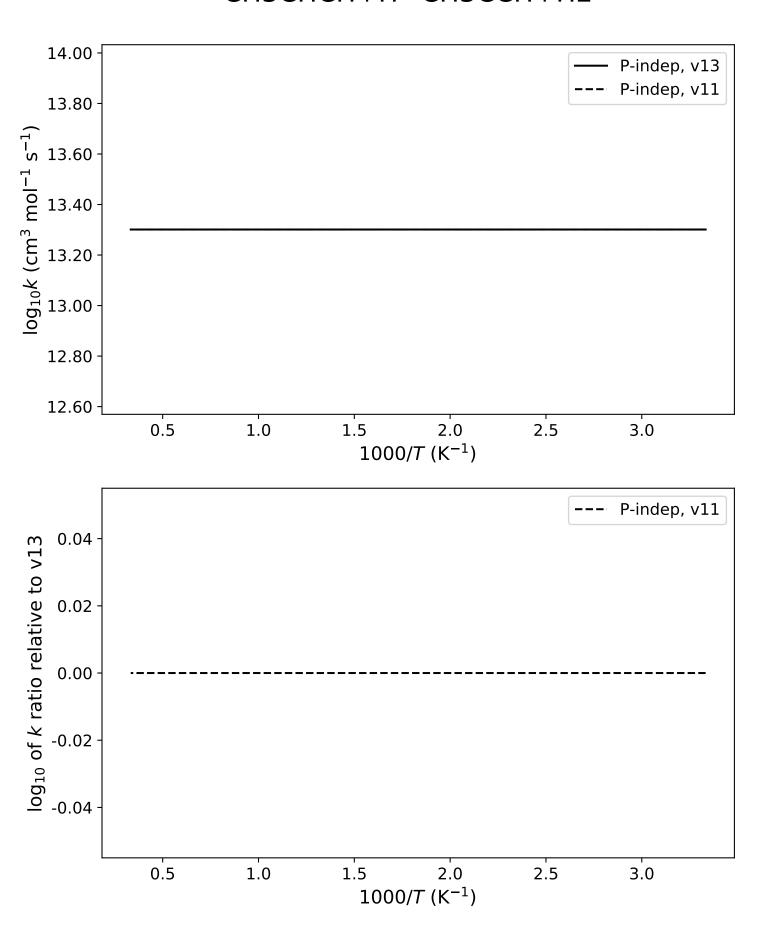
### CHCHCCH+C2H3=C6H5+H



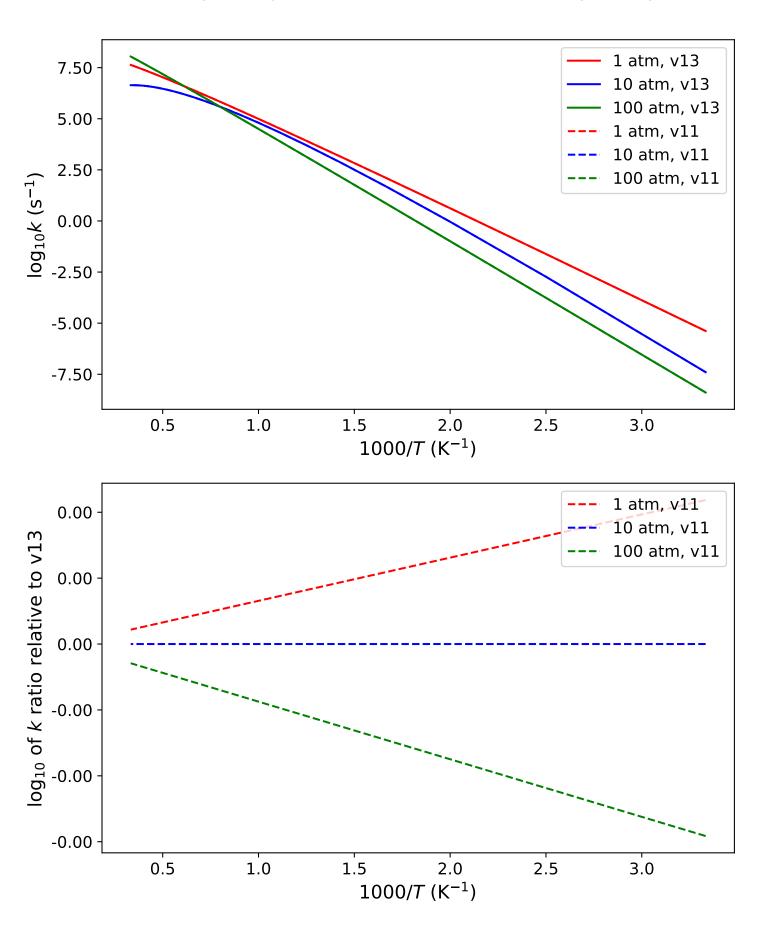
# CH2CH2CH2OH=C2H4+CH2OH



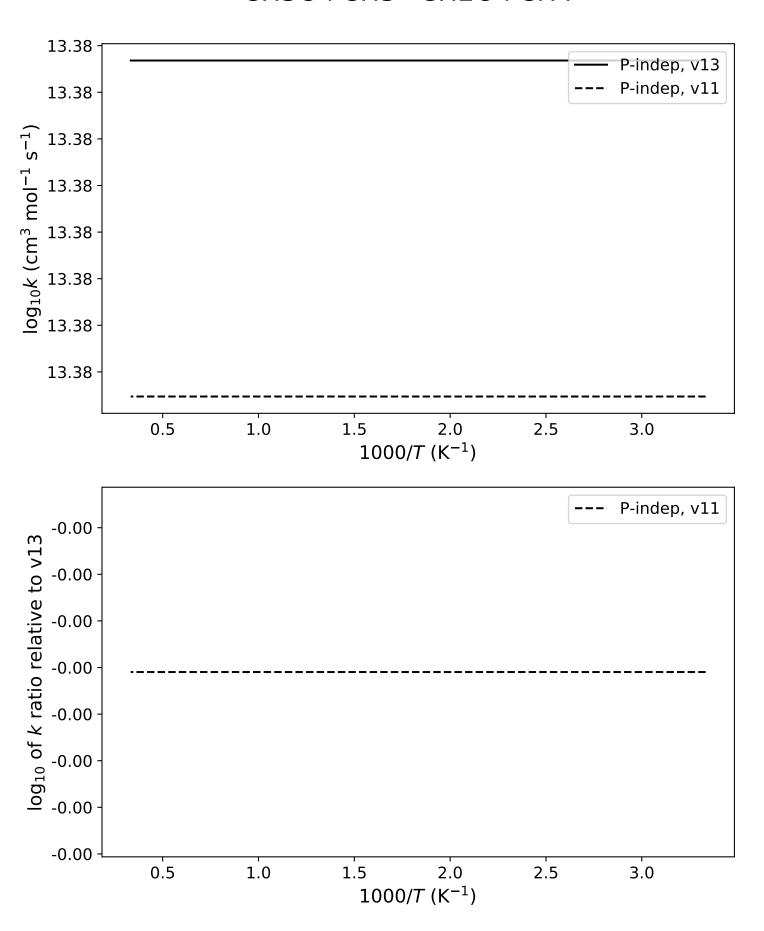
### CH3CHCH+H=CH3CCH+H2



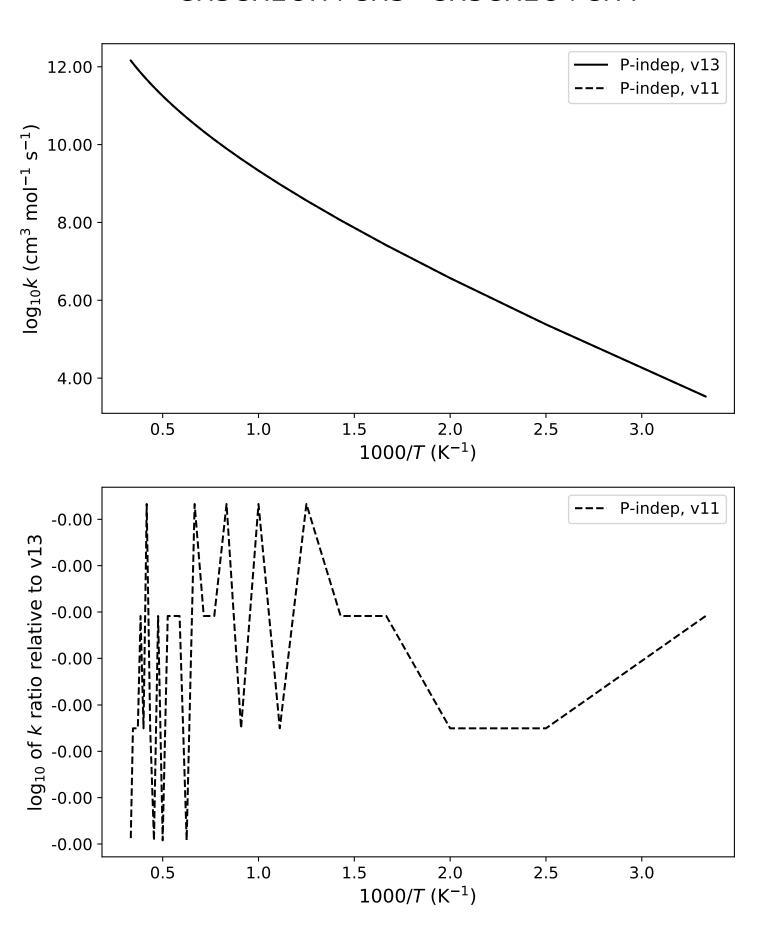
## CH2CH(OOH)CH2OOH=HO2+CH3C(OOH)CH2



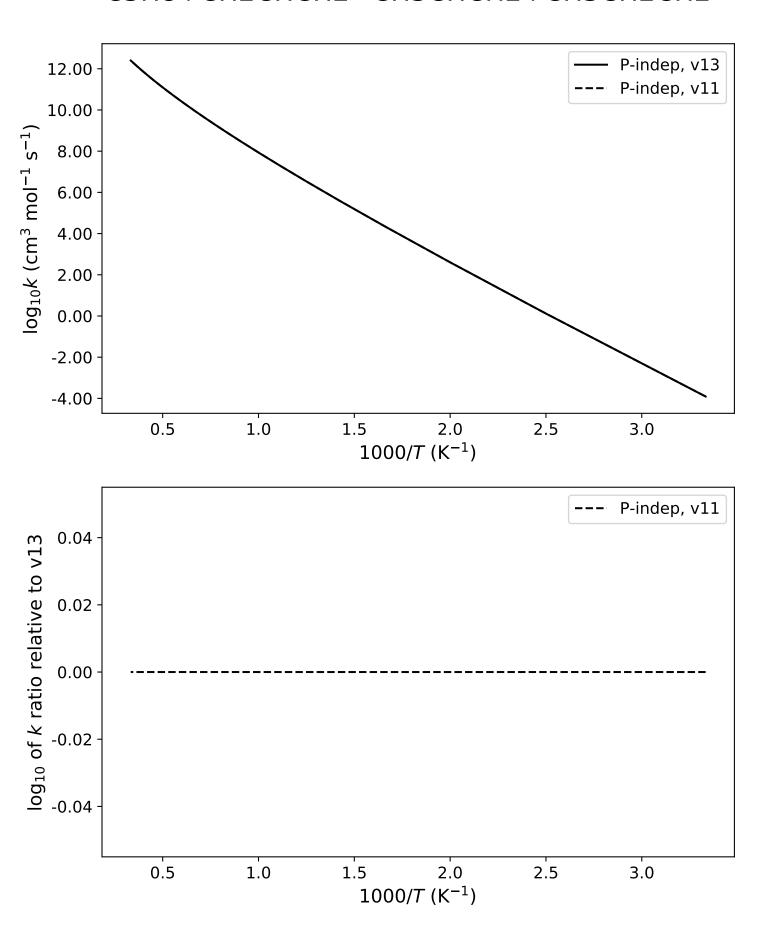
### CH3O+CH3=CH2O+CH4



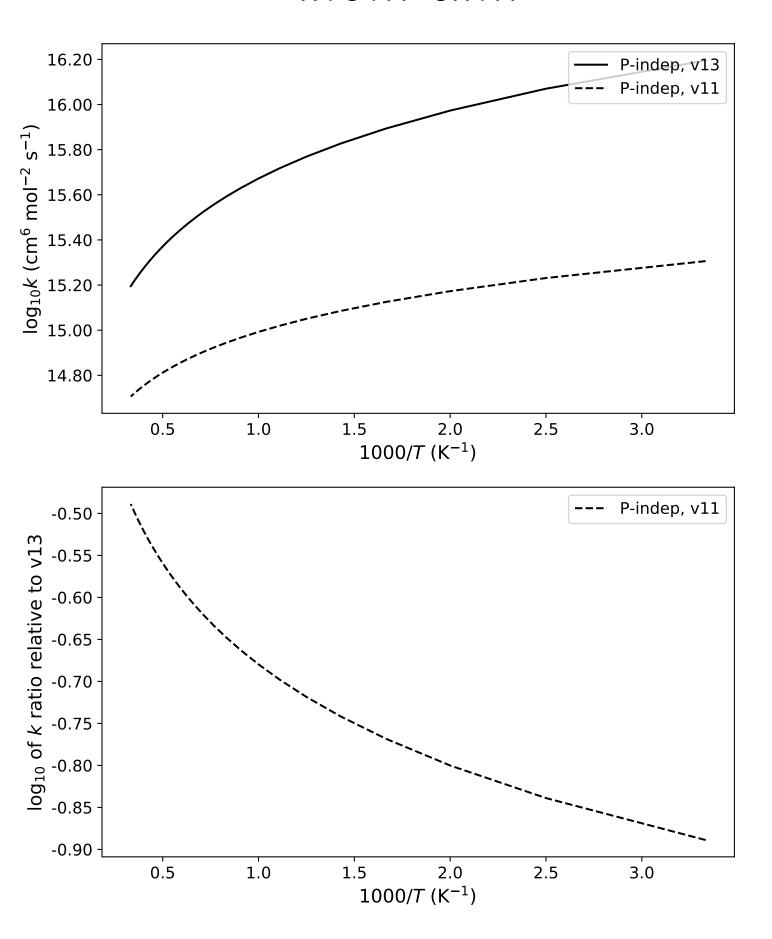
### CH3CH2OH+CH3=CH3CH2O+CH4



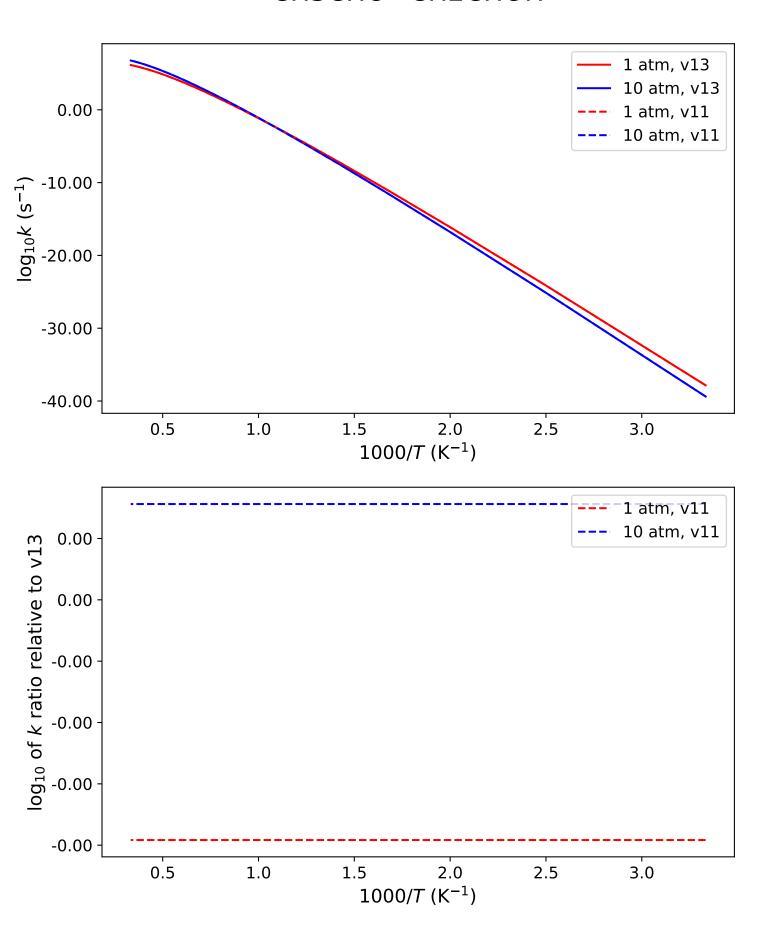
#### C3H8+CH2CHCH2=CH3CHCH2+CH3CH2CH2



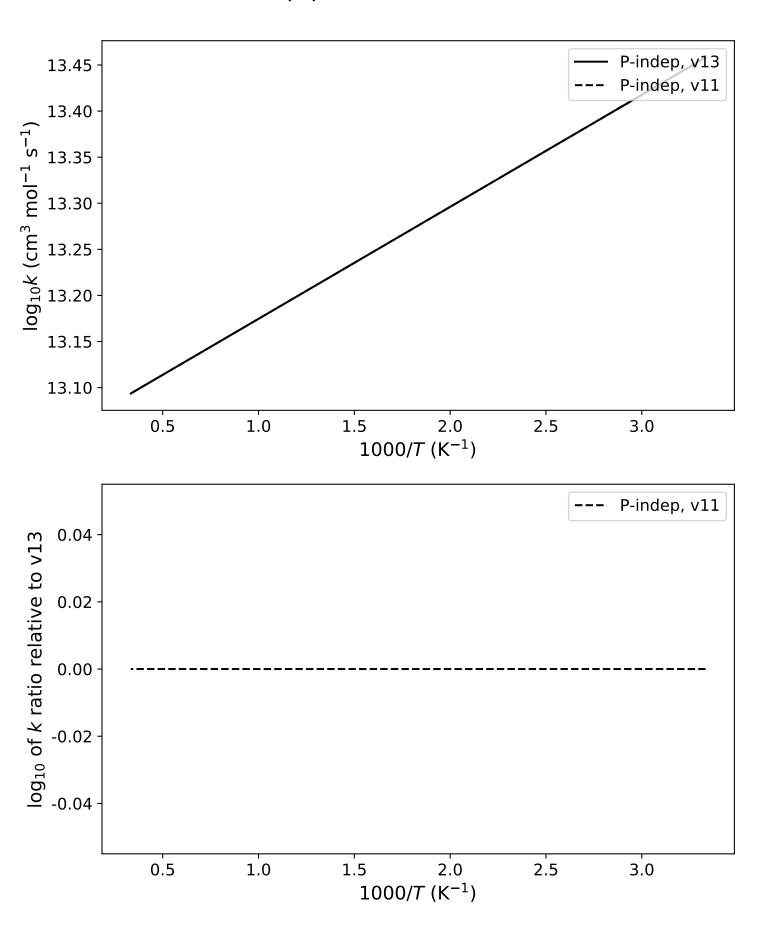
### H+O+M=OH+M



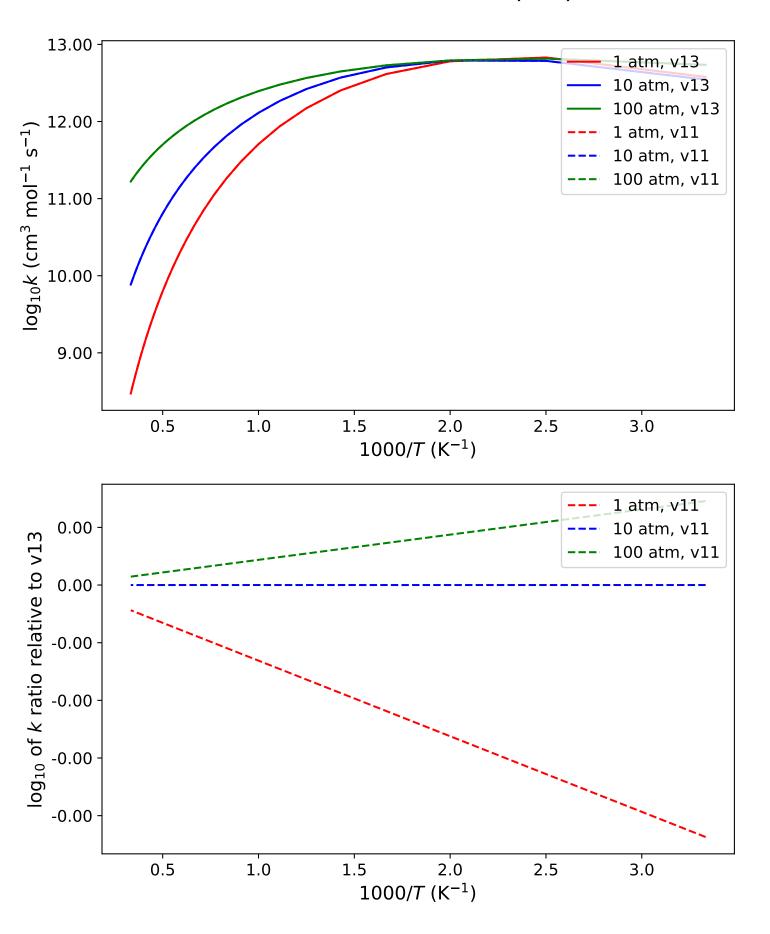
### CH3CHO=CH2CHOH



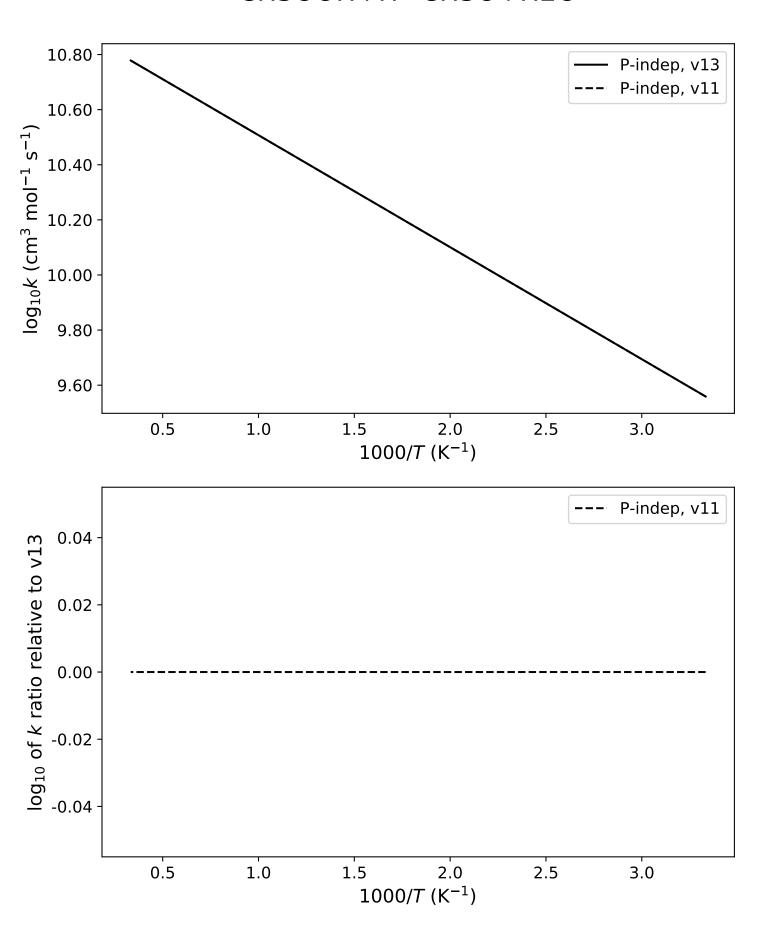
# CH2(S)+C2H4=CH2+C2H4



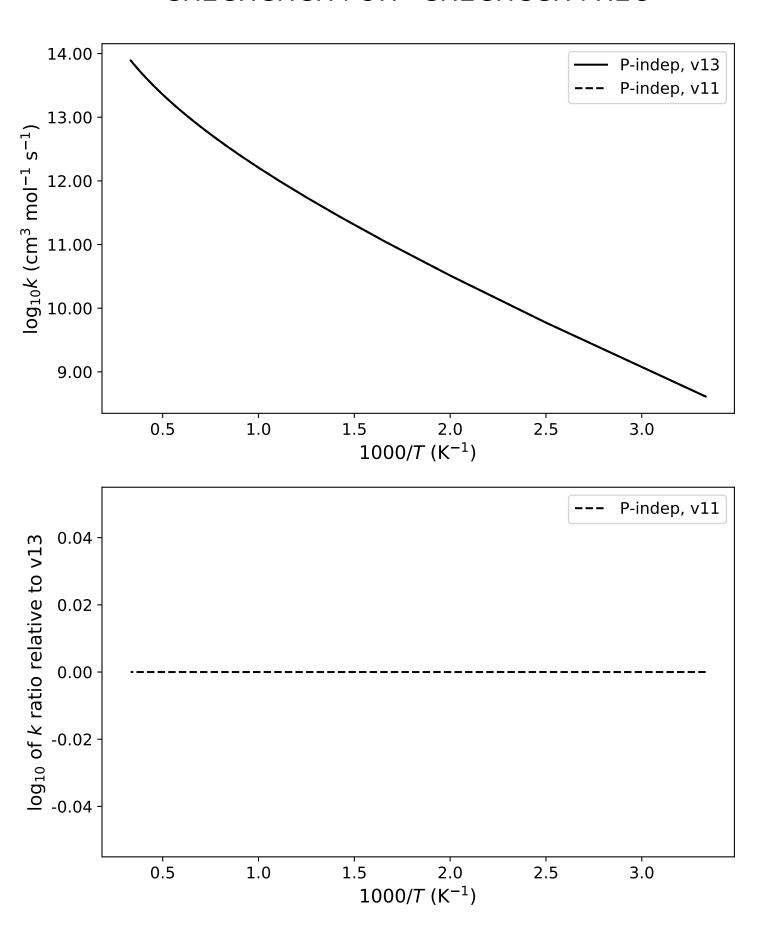
## O2+CH3CHCH2OOH=CH3CH(OO)CH2OOH



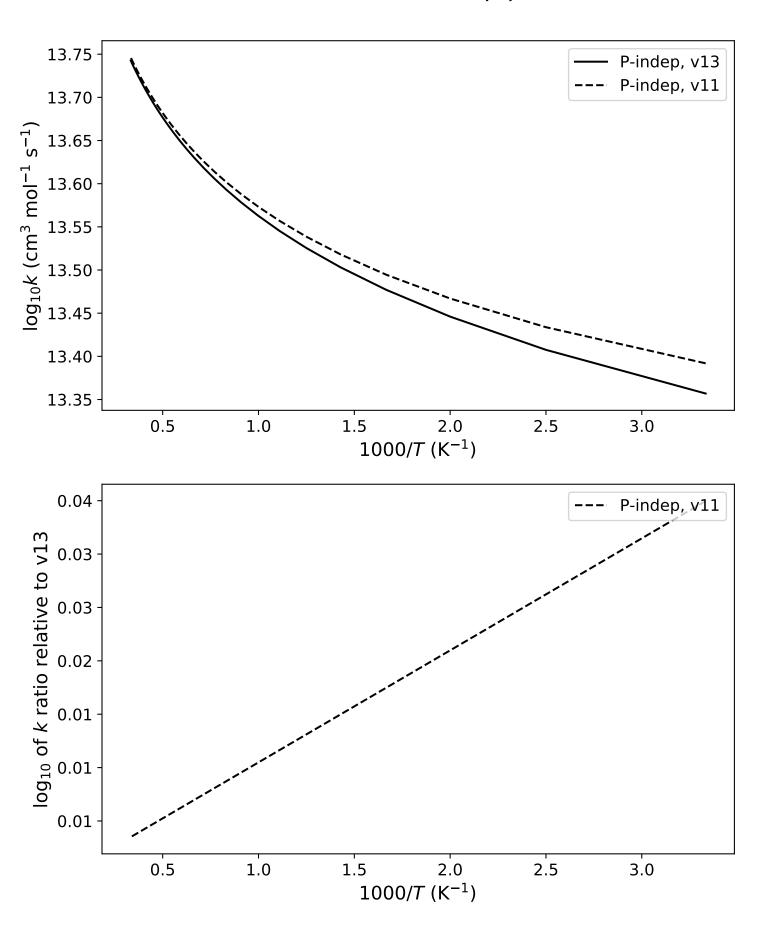
## CH3OOH+H=CH3O+H2O



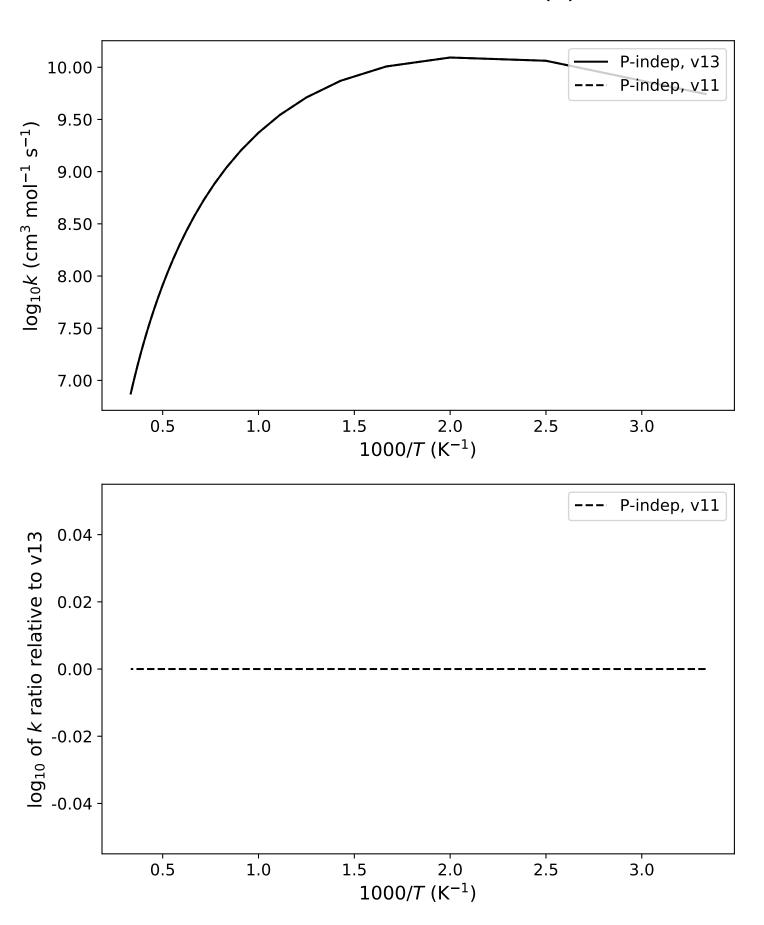
### CH2CHCHCH+OH=CH2CHCCH+H2O



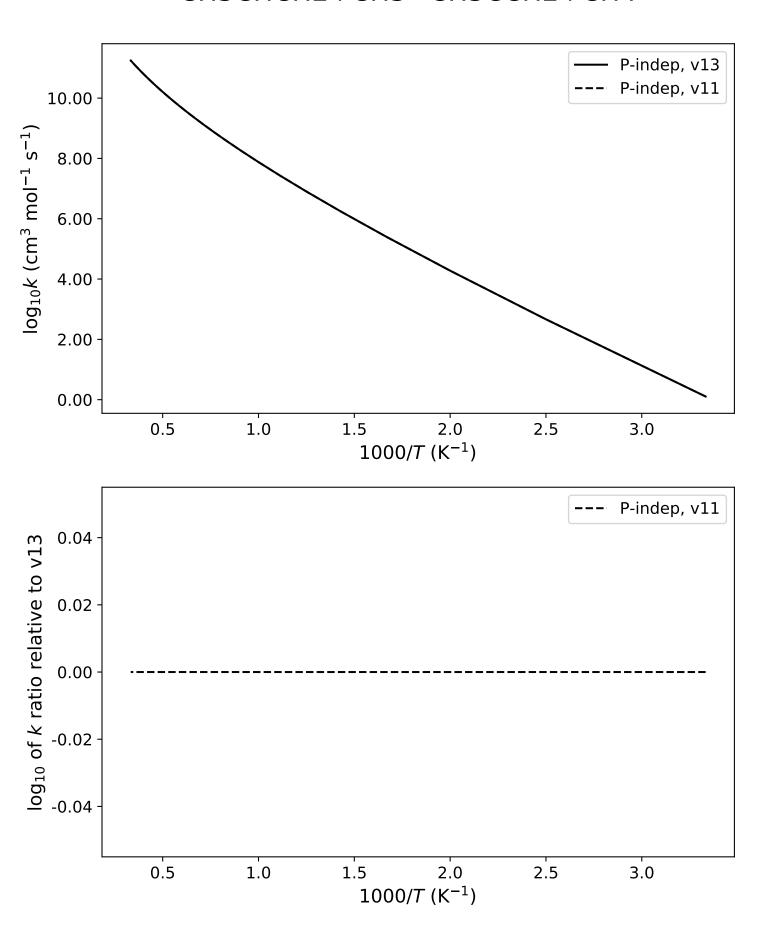
# HCCO+OH=CHOH(T)+CO



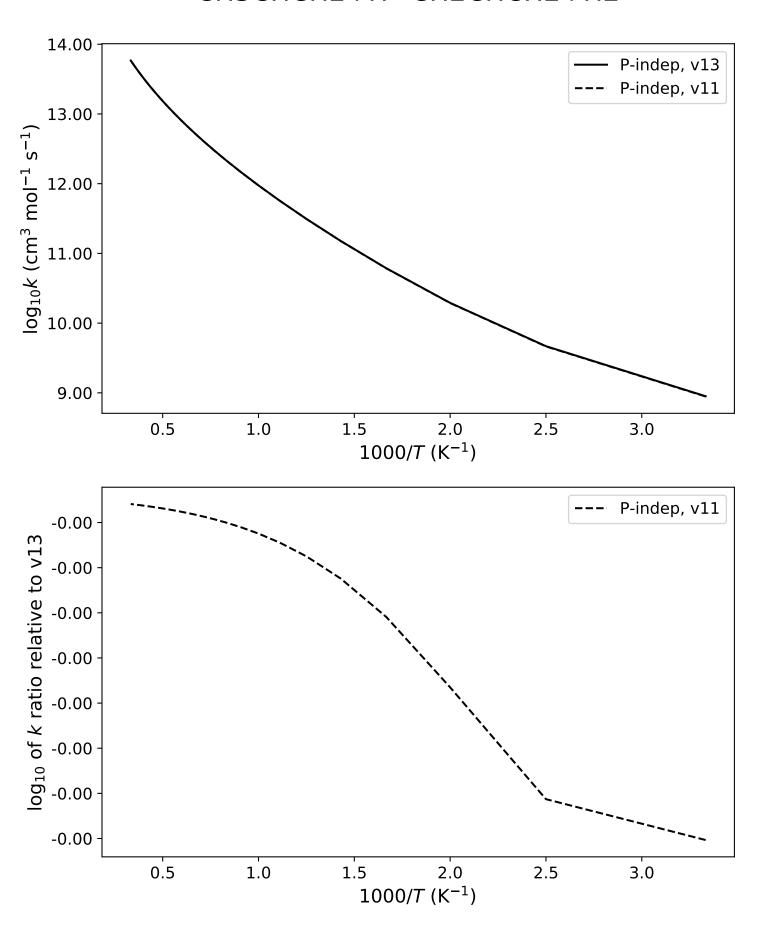
## CH2CCH+C2H2=C5H5(L)



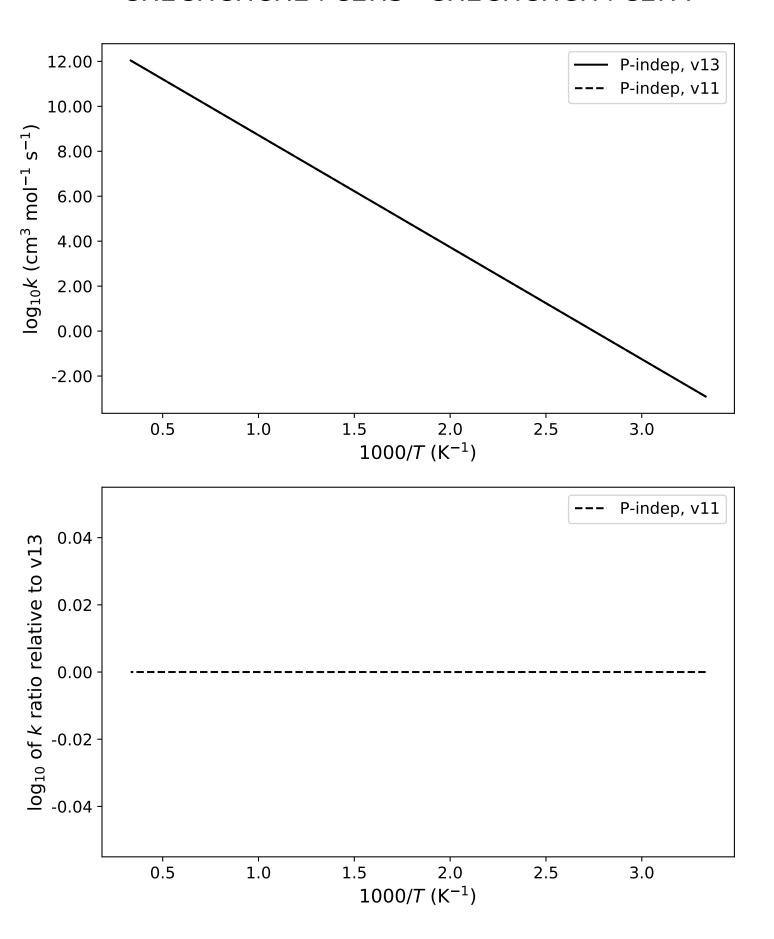
### CH3CHCH2+CH3=CH3CCH2+CH4



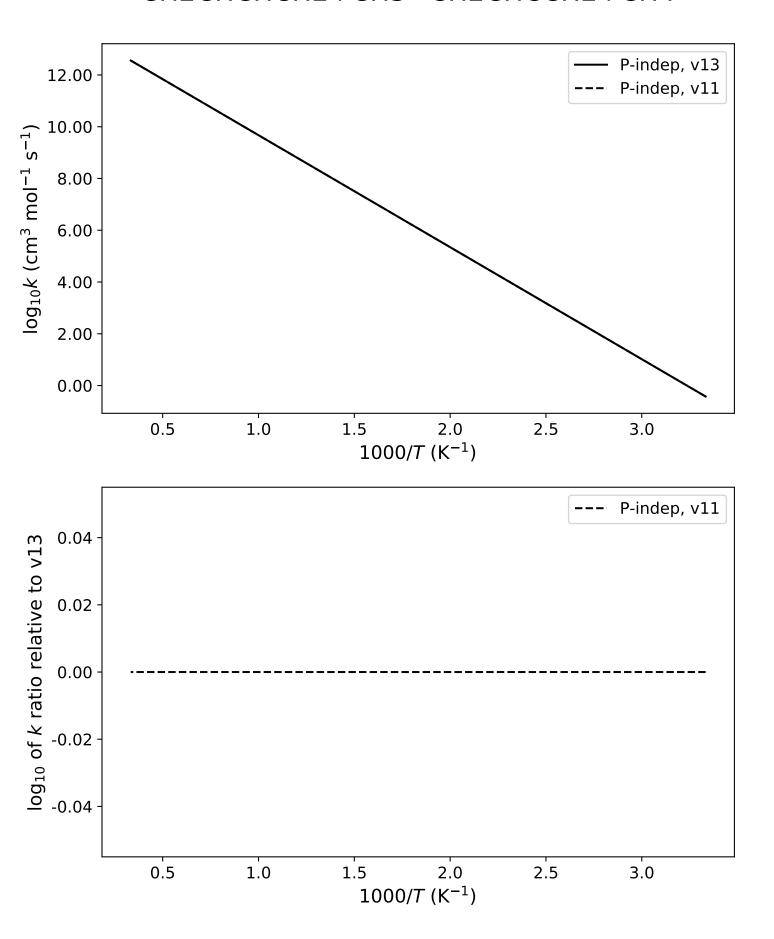
### CH3CHCH2+H=CH2CHCH2+H2



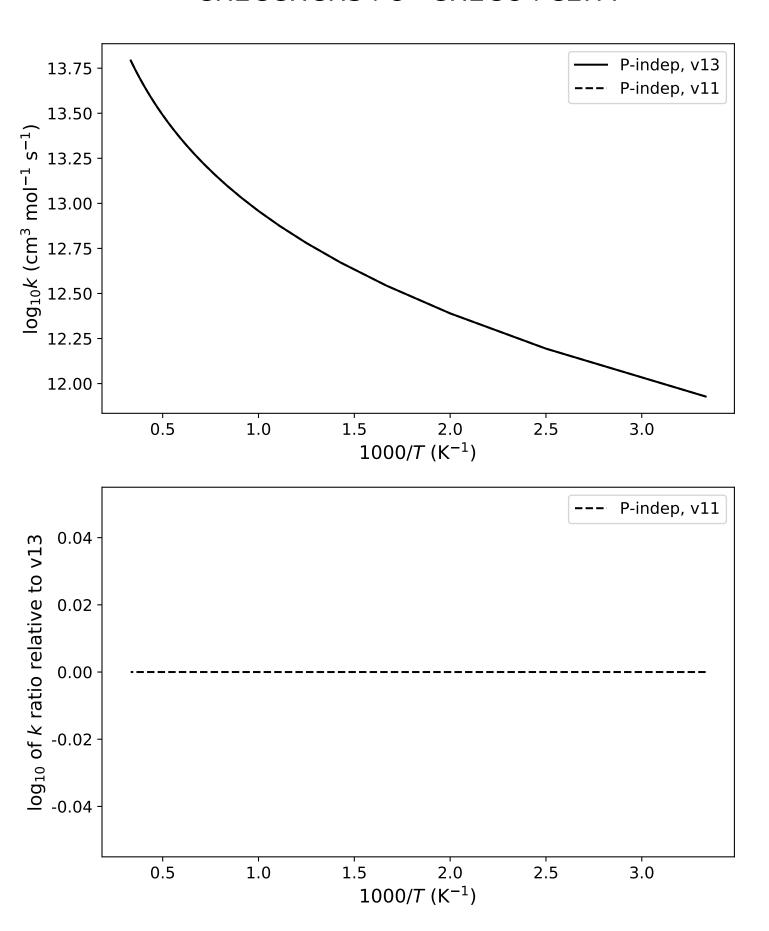
#### CH2CHCH2+C2H3=CH2CHCHCH+C2H4



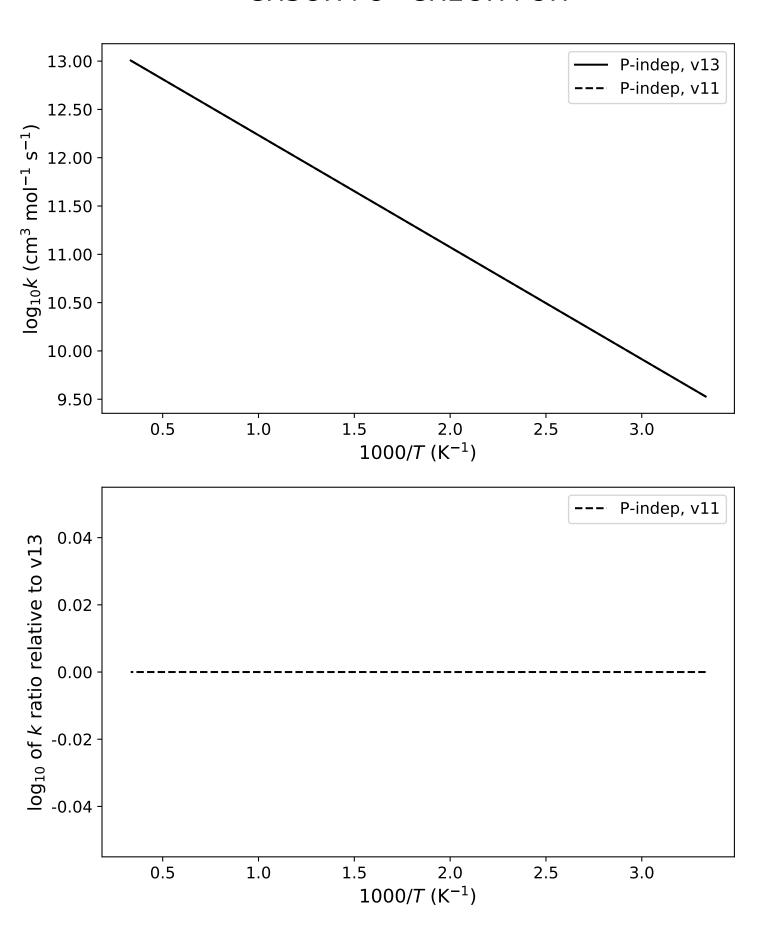
### CH2CHCH2+CH3=CH2CHCCH2+CH4



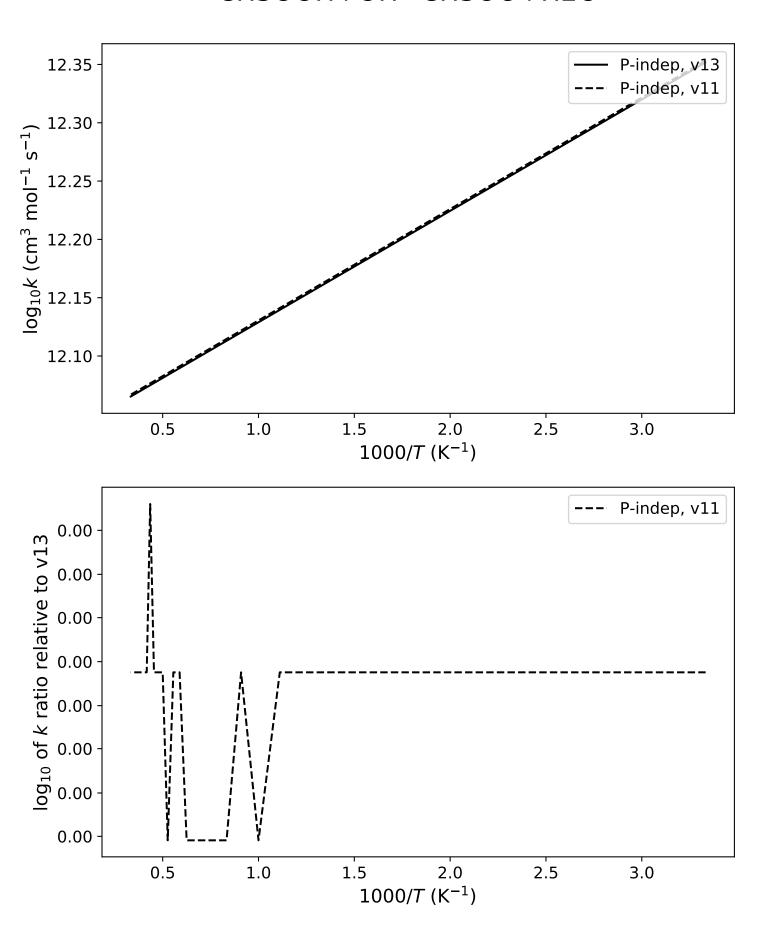
### CH2CCHCH3+O=CH2CO+C2H4



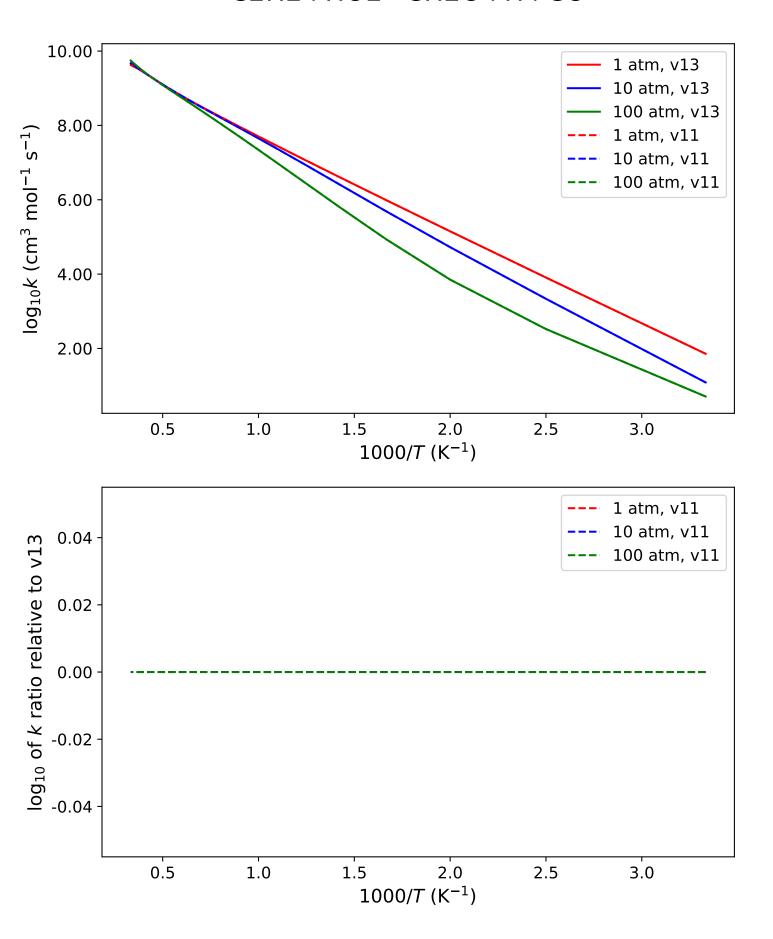
### CH3OH+O=CH2OH+OH



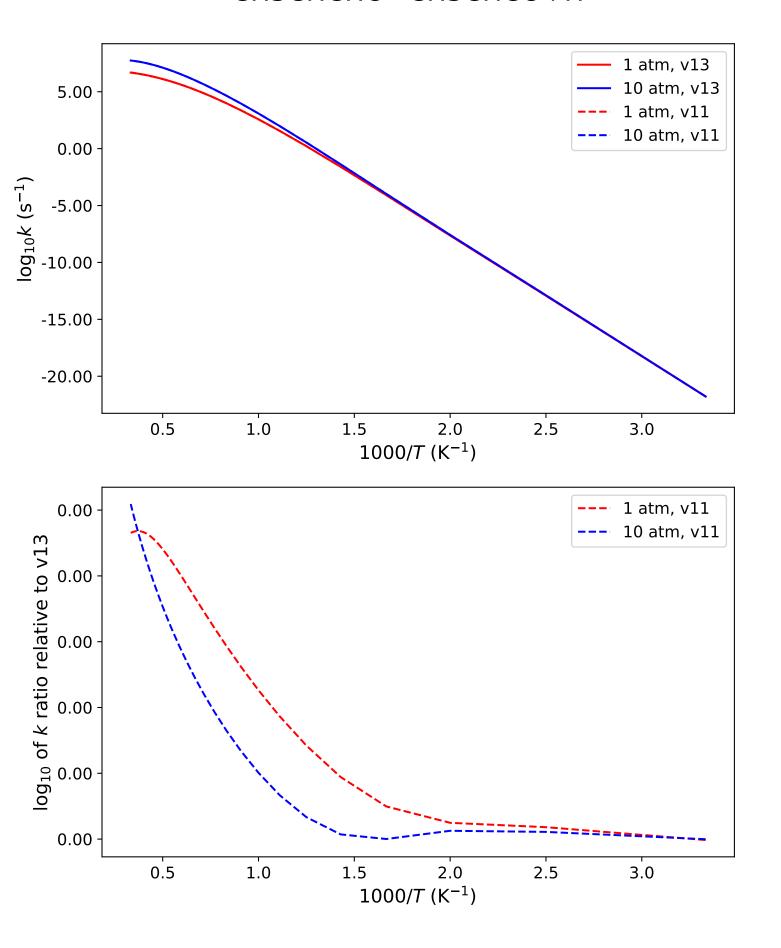
## CH3OOH+OH=CH3OO+H2O



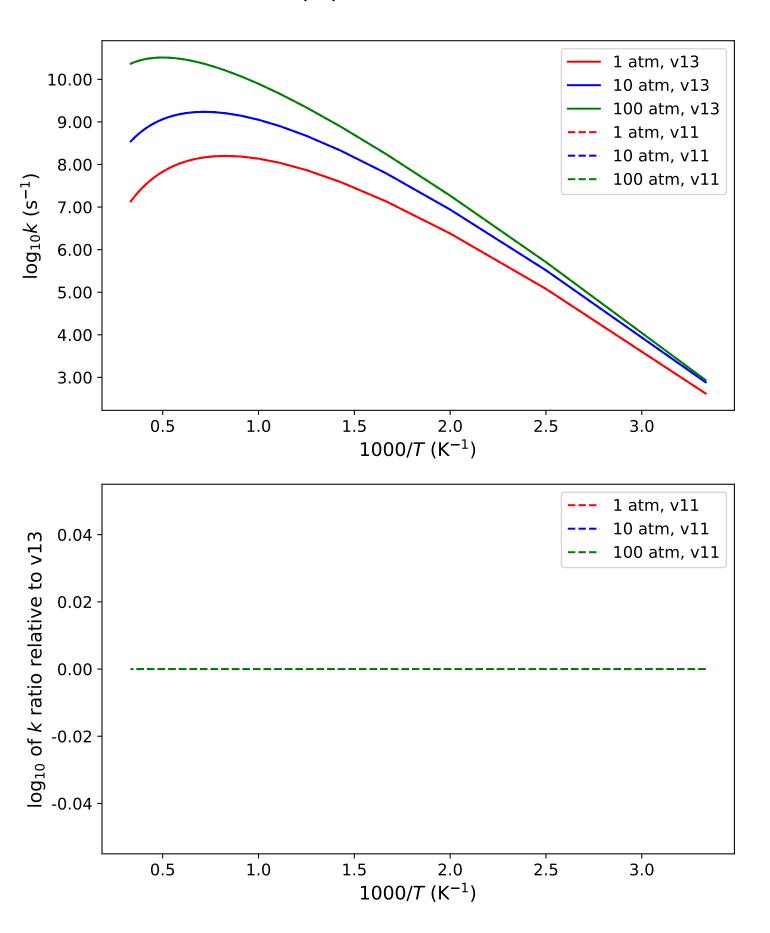
#### C2H2+HO2=CH2O+H+CO



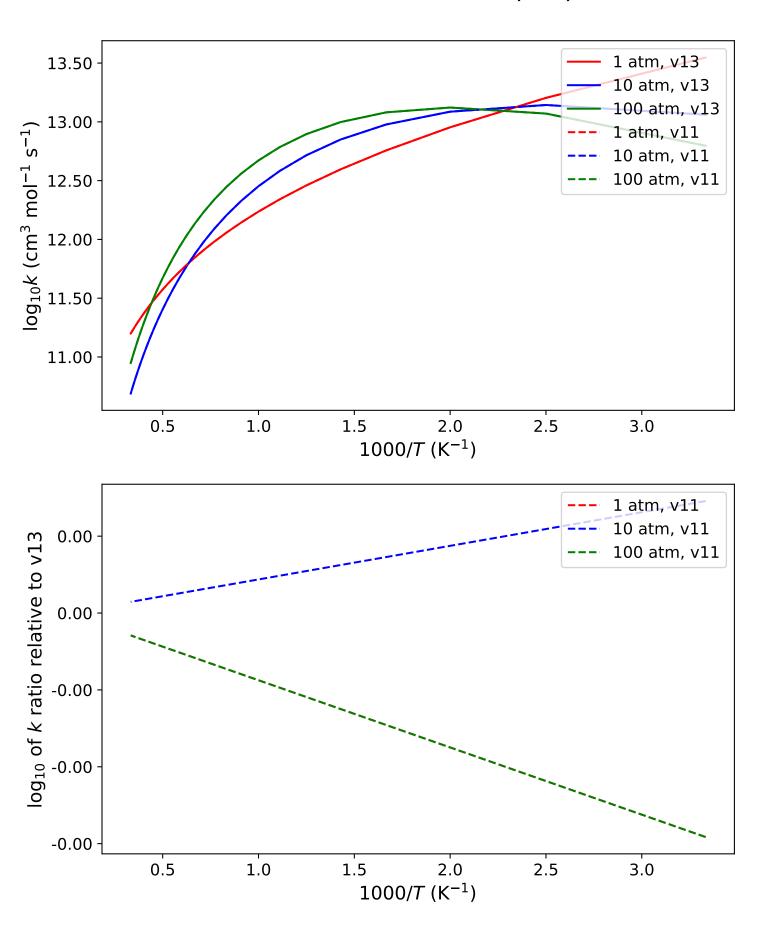
# CH3CHCHO=CH3CHCO+H



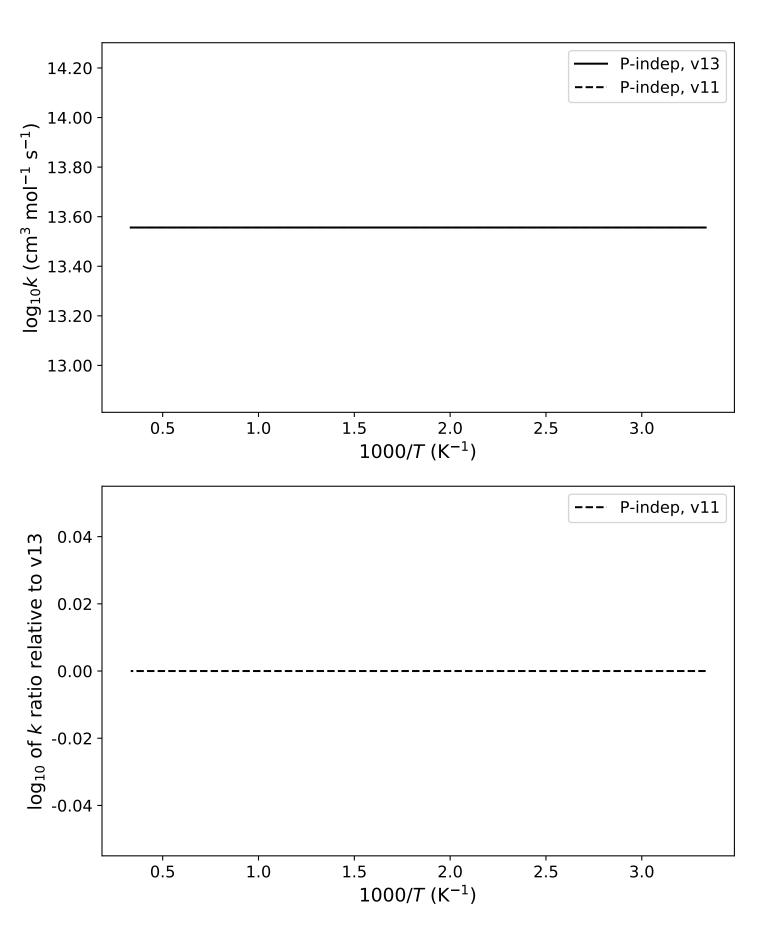
## CH3CH(O)CH3=CH3CHO+CH3



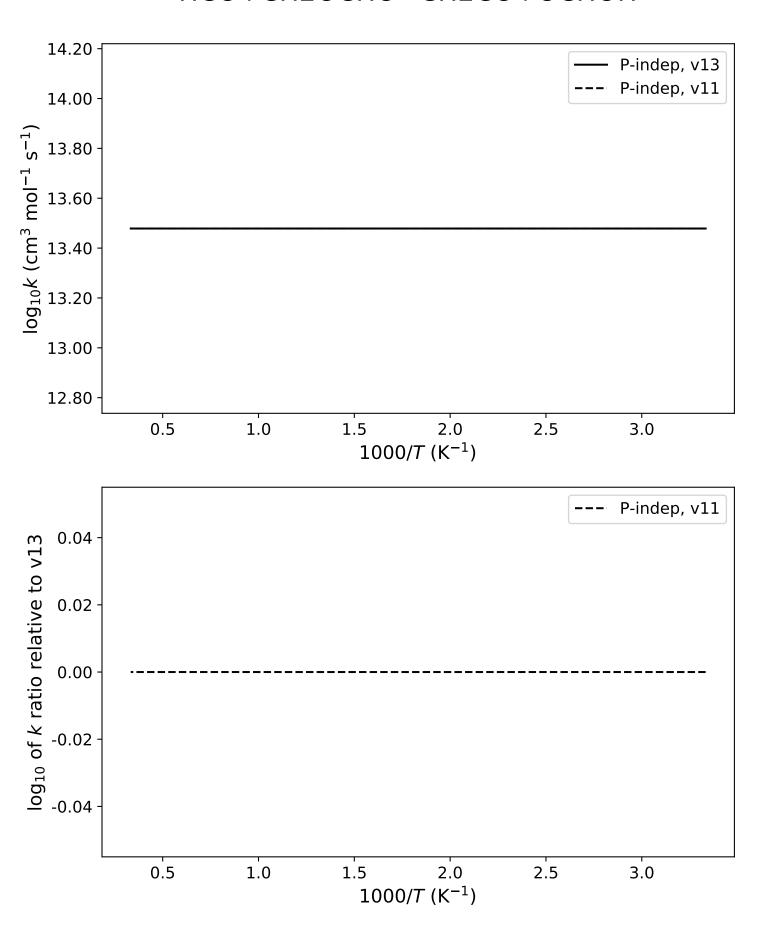
## O2+CH3CHCH3=CH3CH(OO)CH3



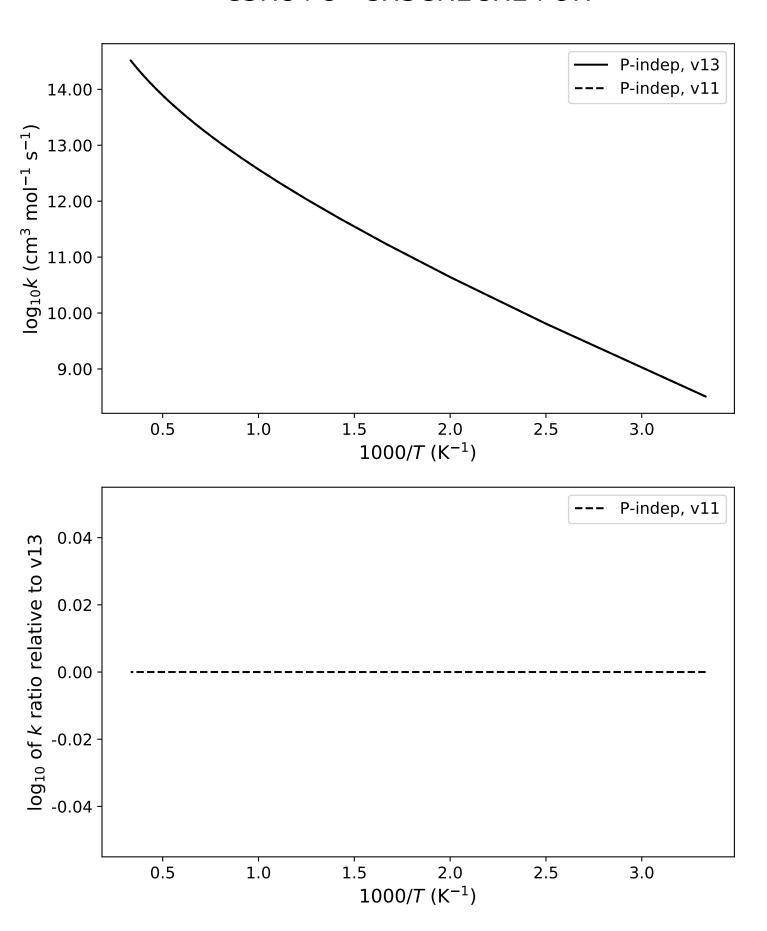
## CH3OO+O=CH3O+O2



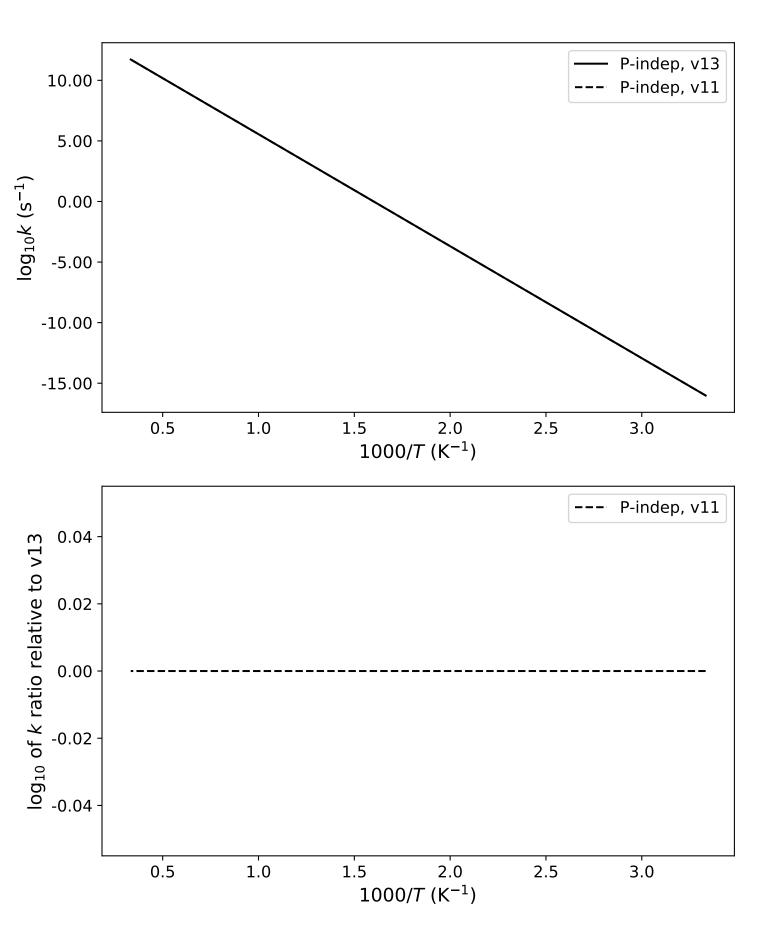
## HCO+CH2OCHO=CH2CO+OCHOH



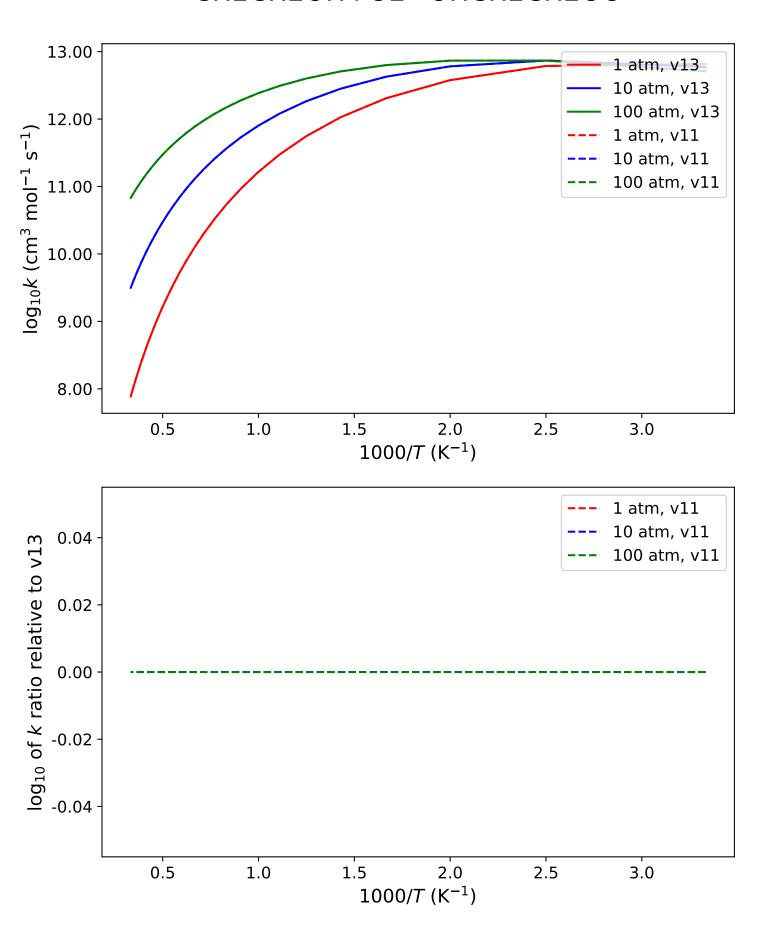
### C3H8+O=CH3CH2CH2+OH



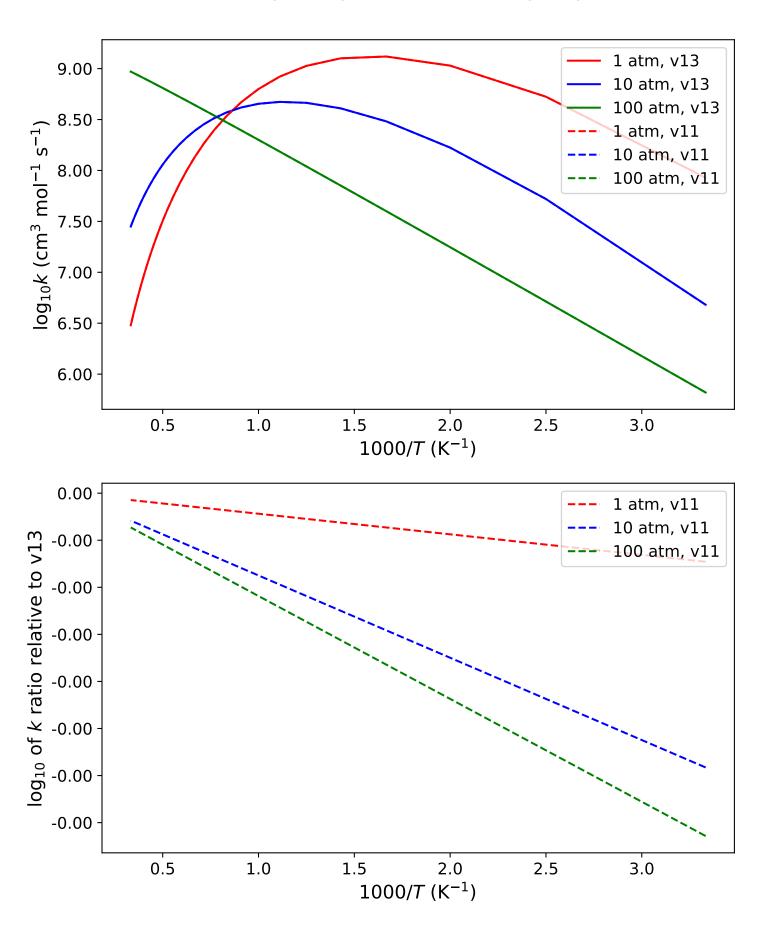
# CH3OOH=CH3O+OH



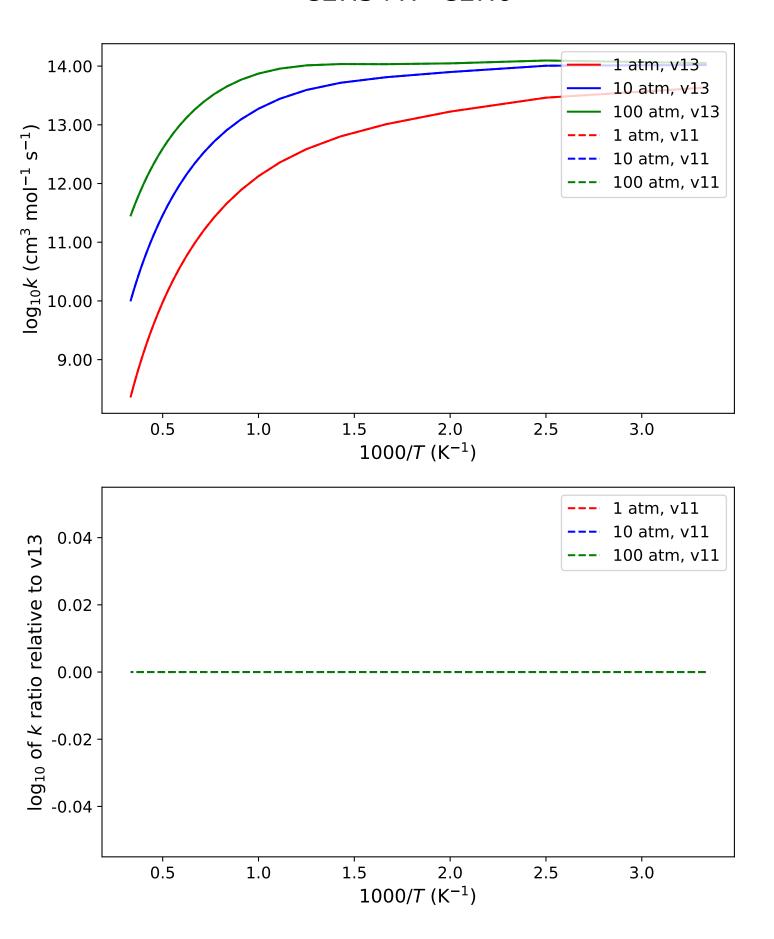
#### CH2CH2OH+O2=OHCH2CH2OO



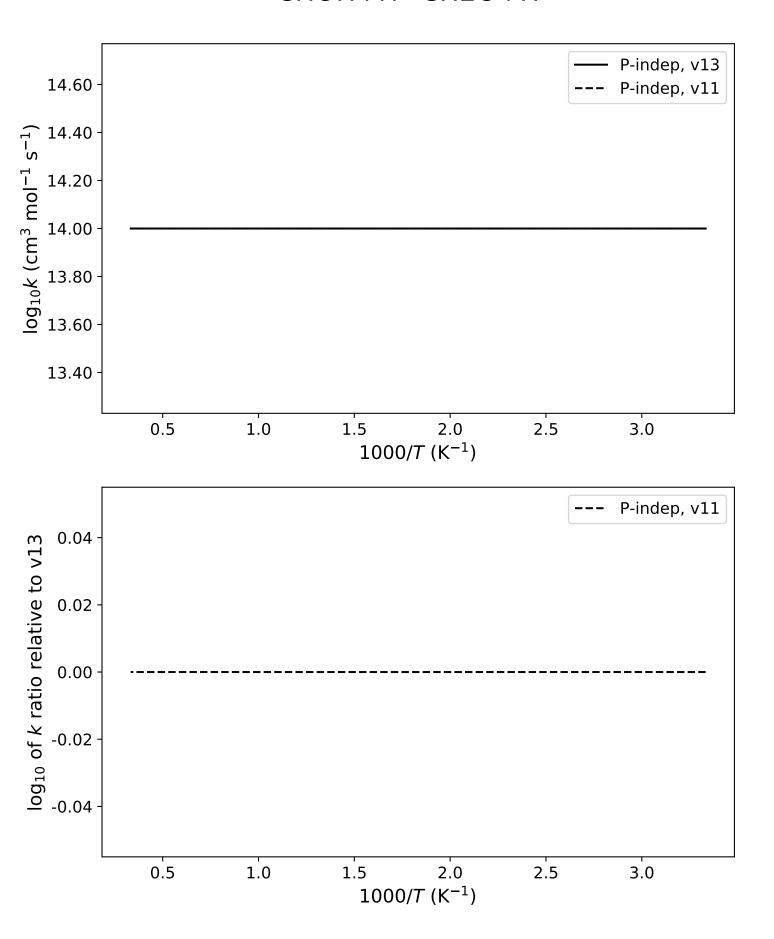
## O2+CH3CH(OOH)CH2=CH3CH(OO)CH2OOH



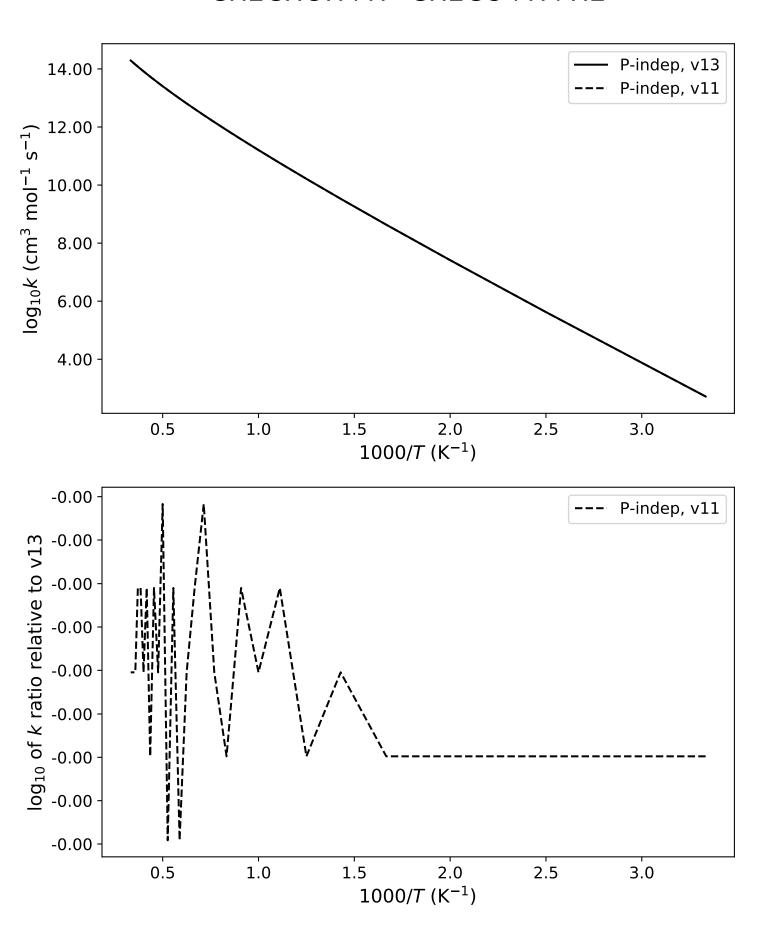
#### C2H5+H=C2H6



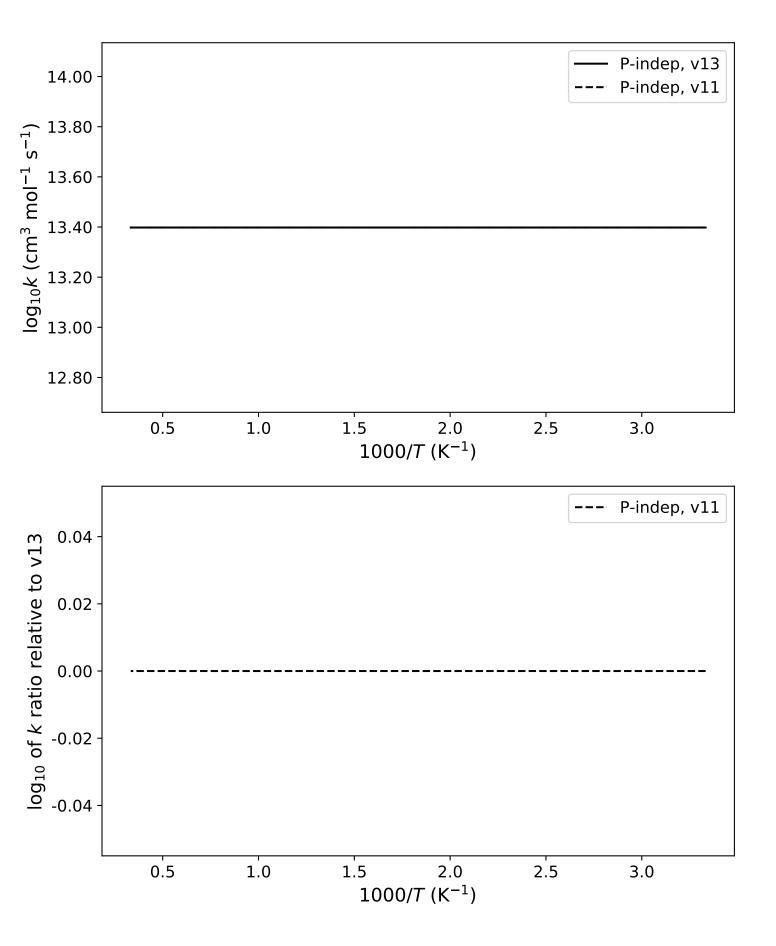
### CHOH+H=CH2O+H



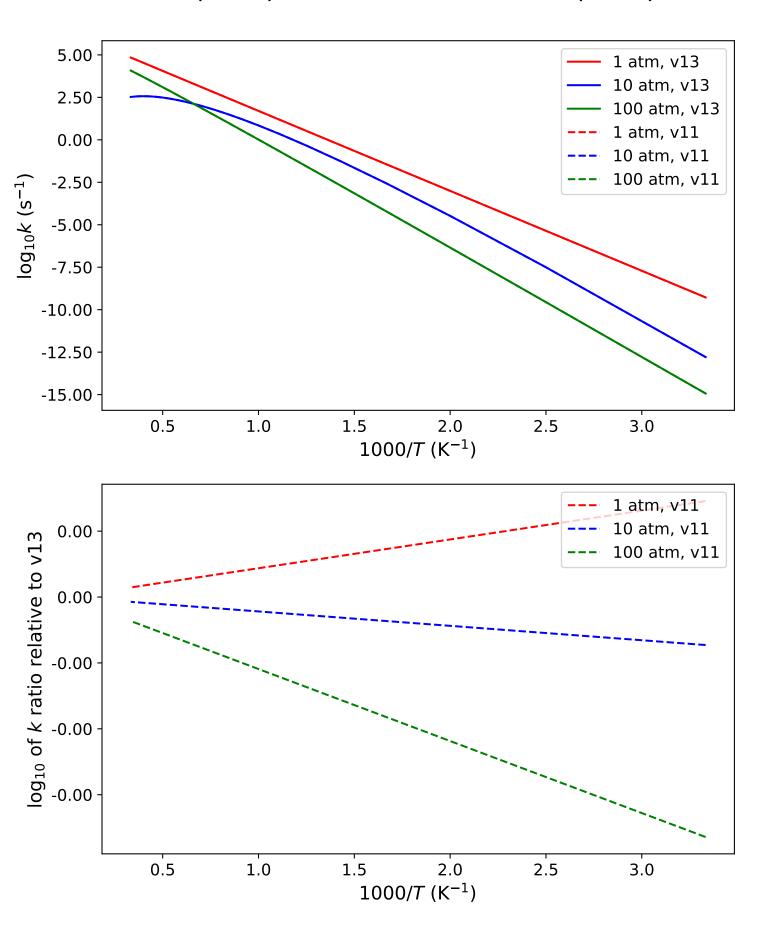
### CH2CHOH+H=CH2CO+H+H2



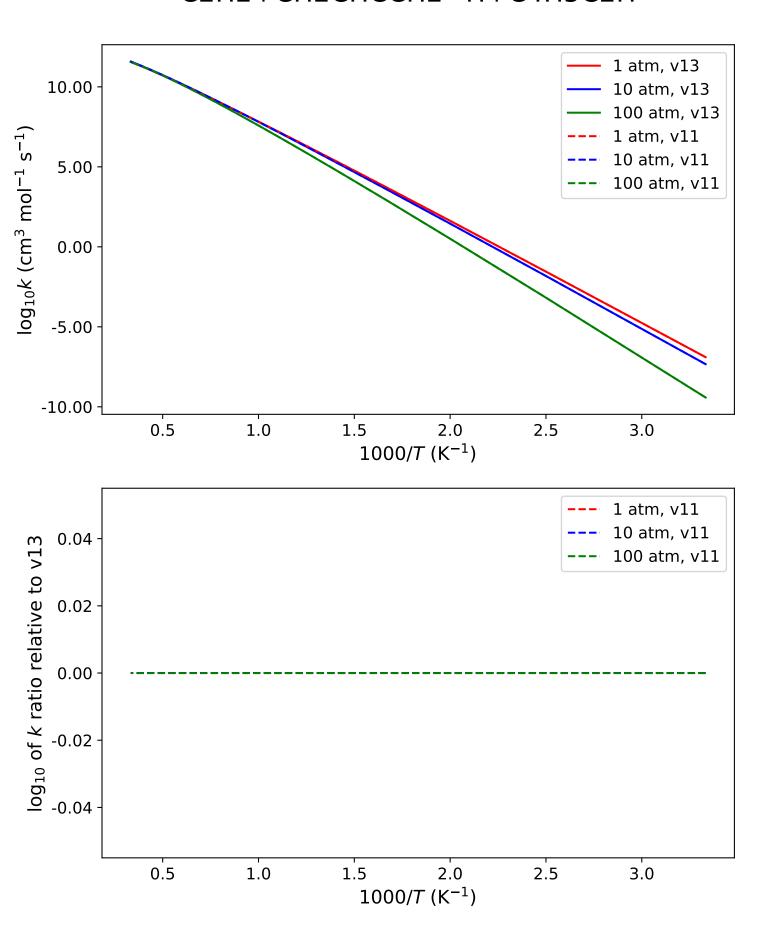
### CH2CCH+HCO=CH2CCH2+CO



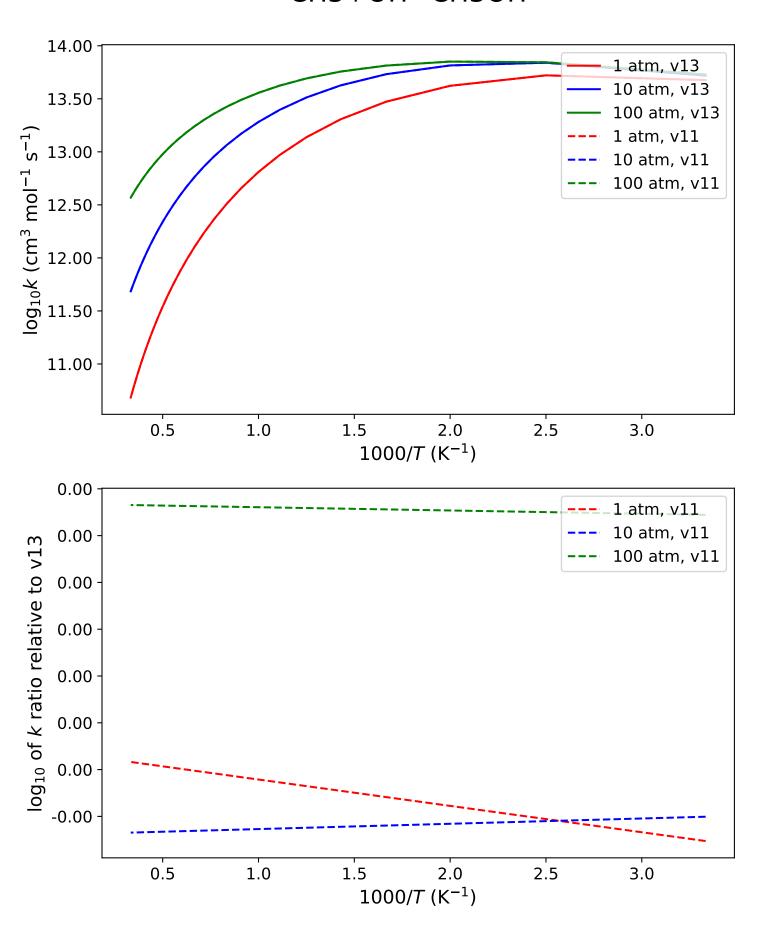
## CH2CH(OOH)CH2OOH=OH+CH3CH(OOH)CHO



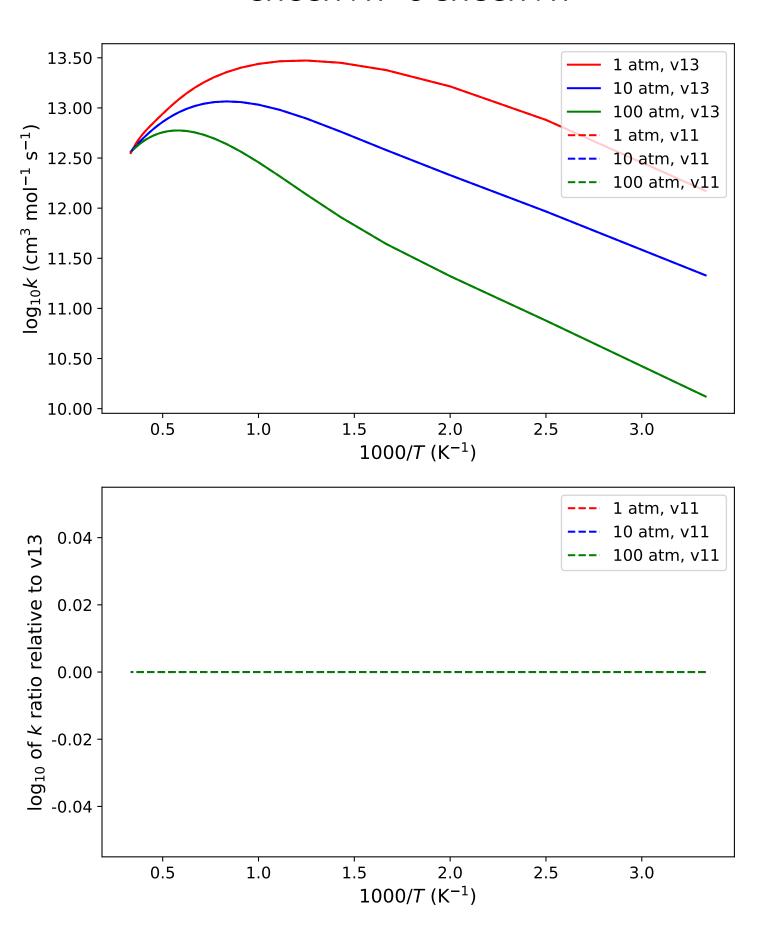
#### C2H2+CH2CHCCH2=H+C4H5C2H



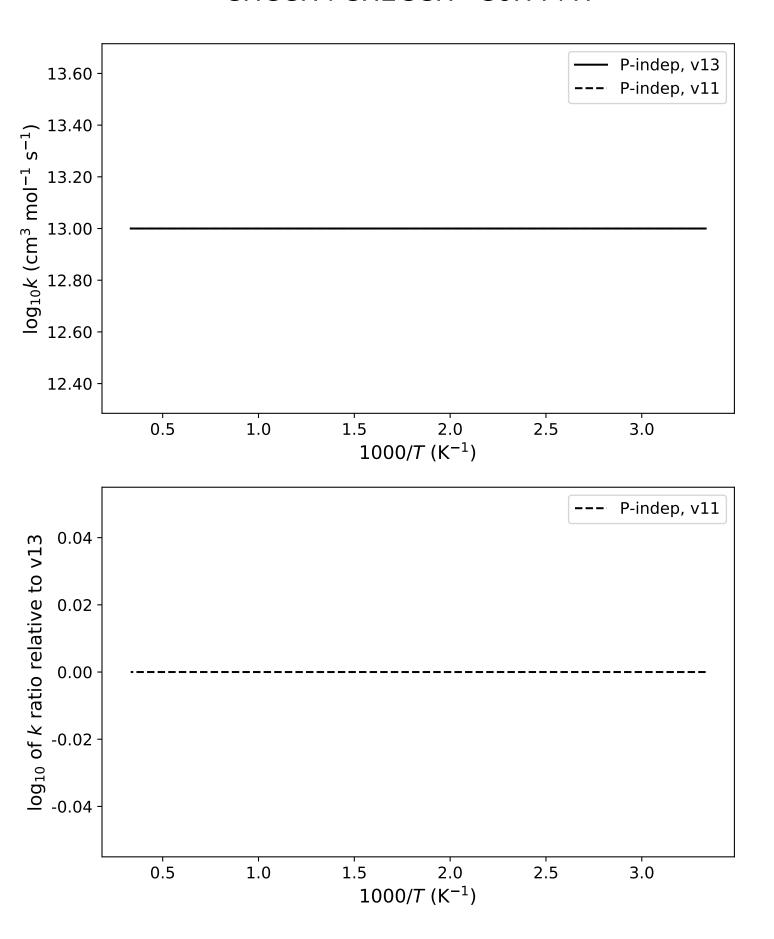
### CH3+OH=CH3OH



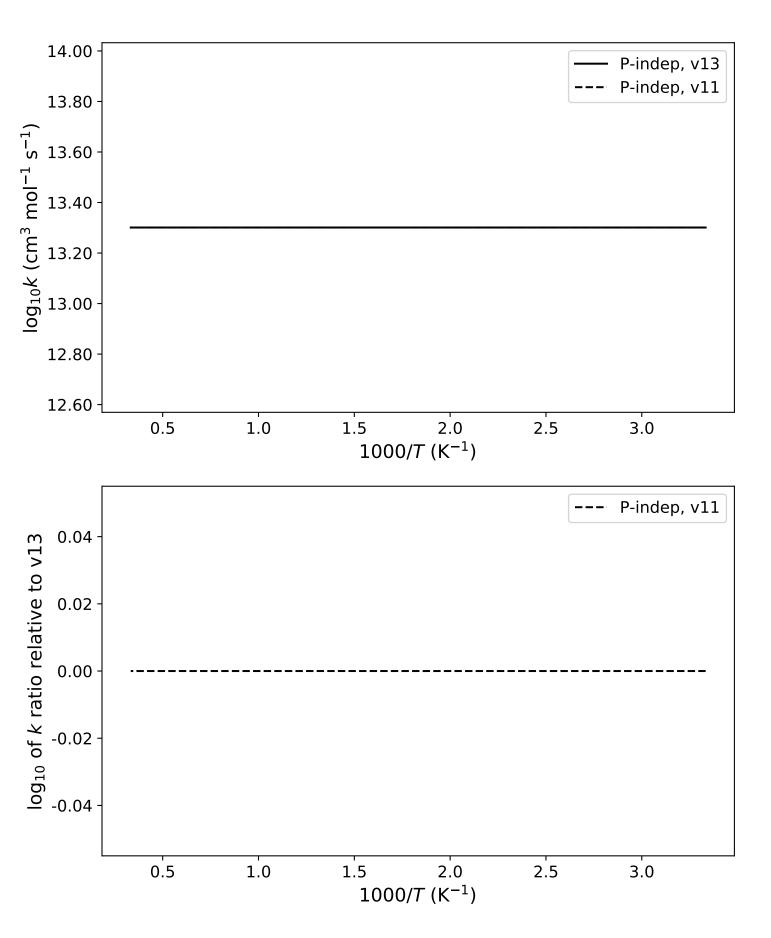
### CHCCH+H=c-CHCCH+H



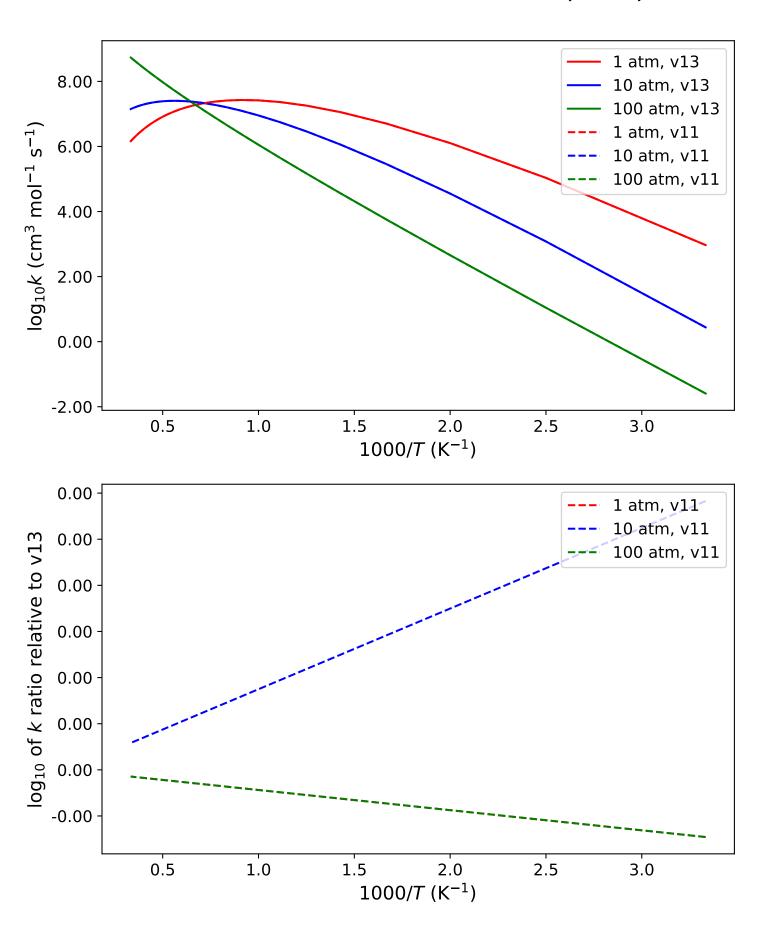
### CHCCH+CH2CCH=C6H4+H



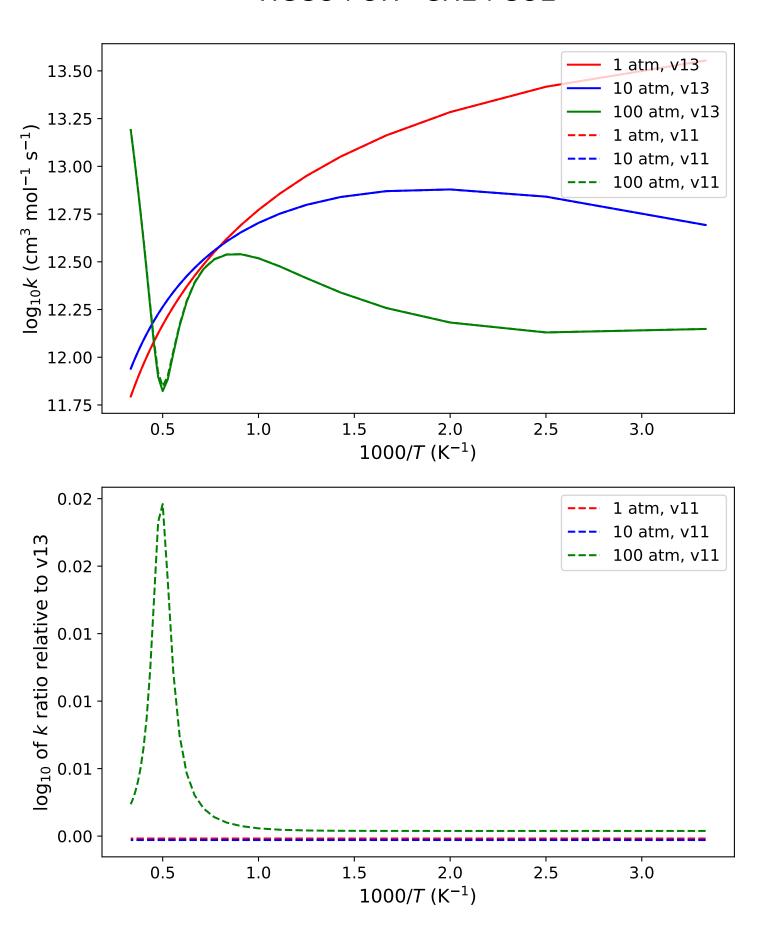
### C2H5+HCO=C2H4+CH2O



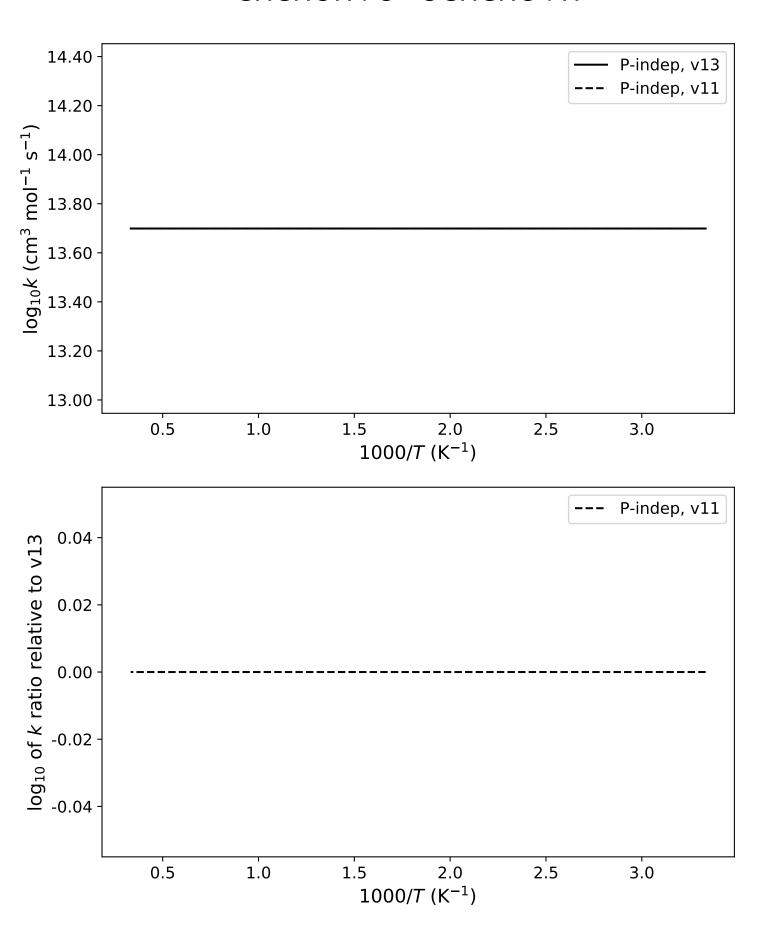
### O2+CH3CHCH2OOH=HO2+CH3C(OOH)CH2



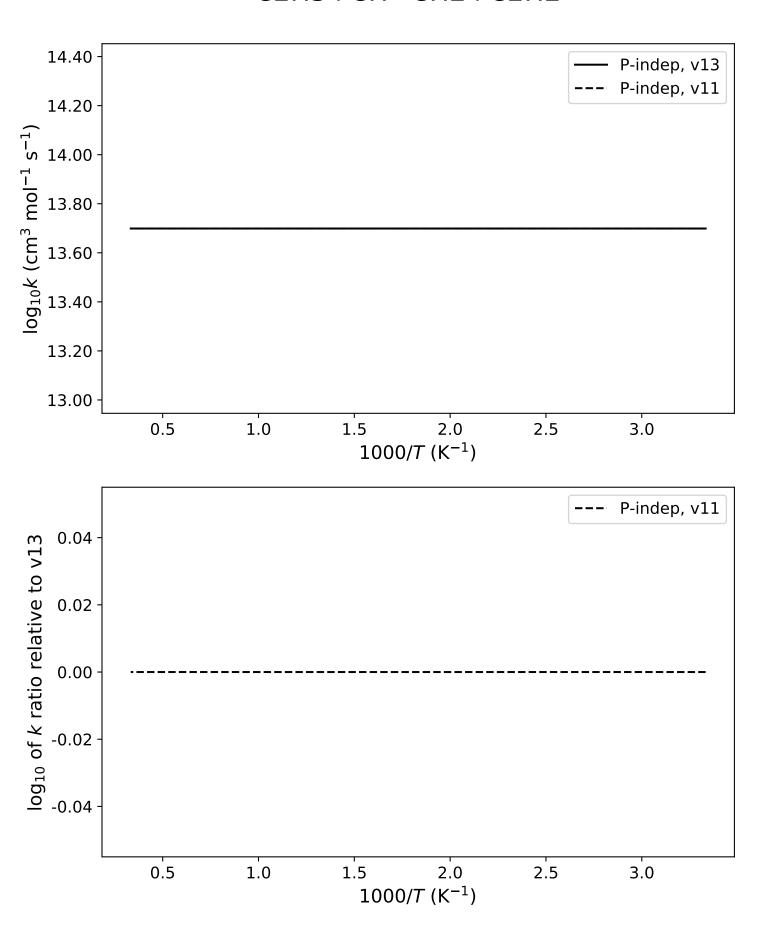
### HCCO+OH=CH2+CO2



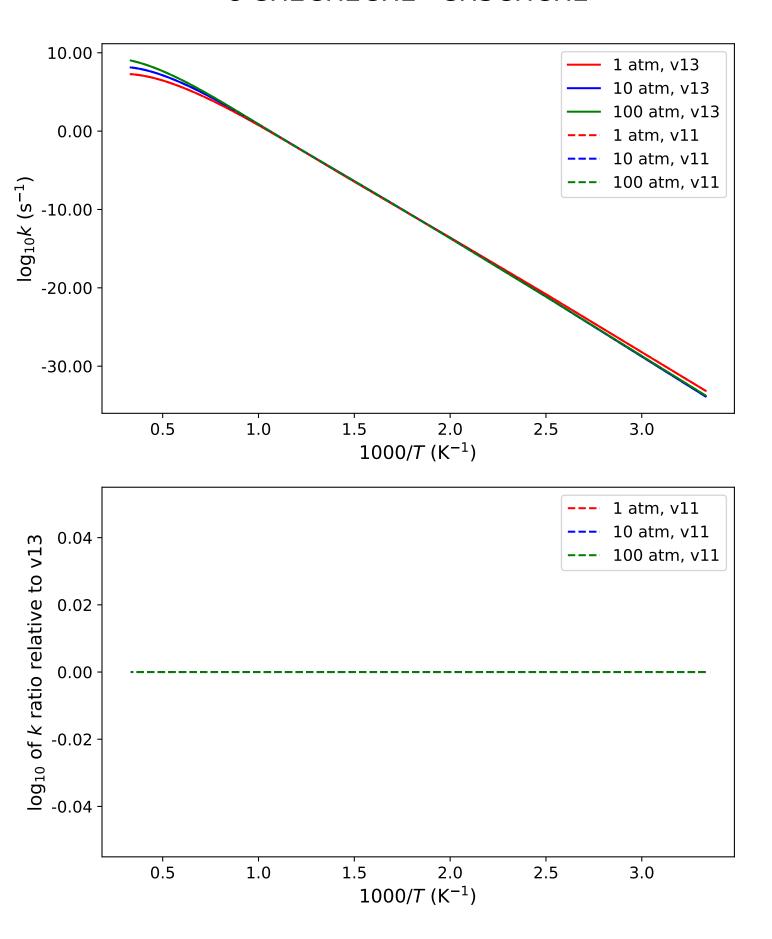
# CHCHOH+O=OCHCHO+H



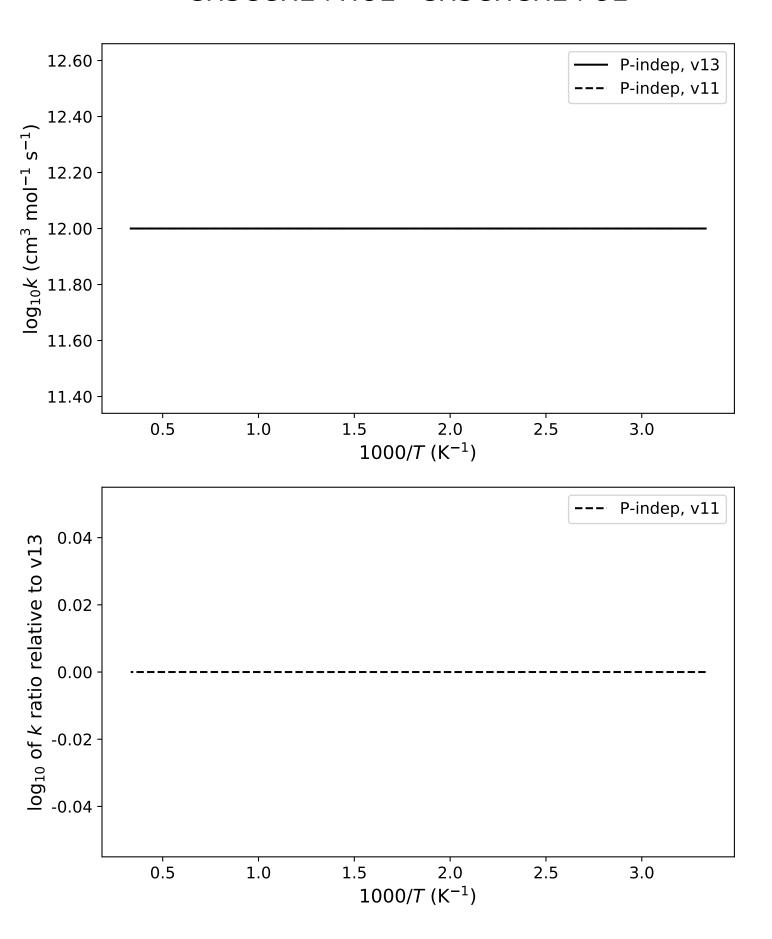
## C2H3+CH=CH2+C2H2



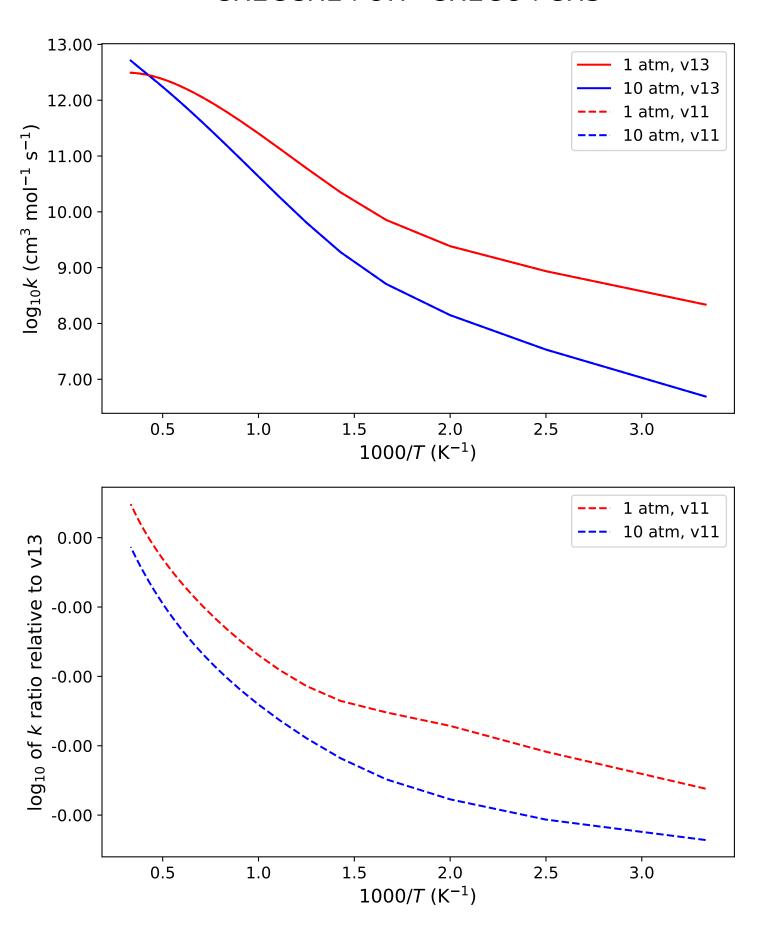
## c-CH2CH2CH2=CH3CHCH2



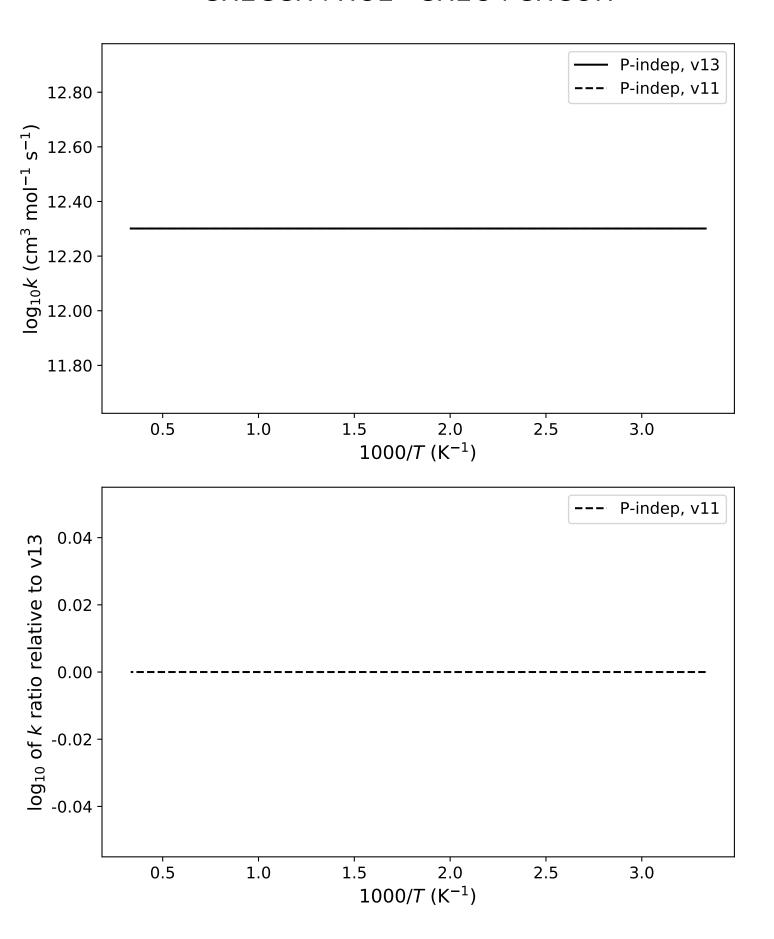
## CH3CCH2+HO2=CH3CHCH2+O2



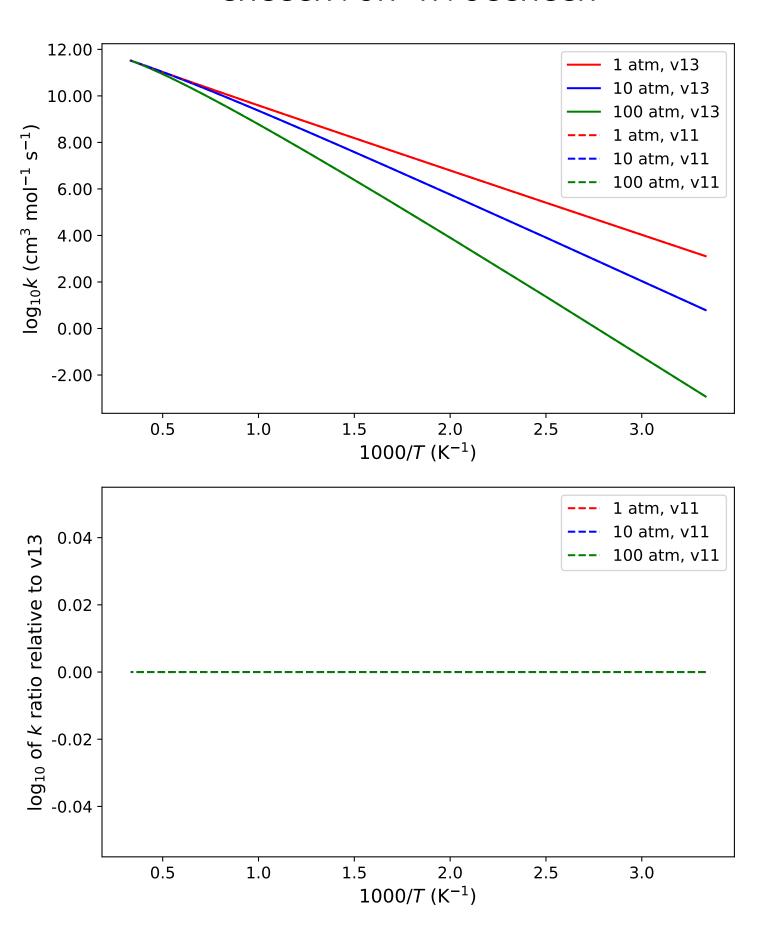
## CH2CCH2+OH=CH2CO+CH3



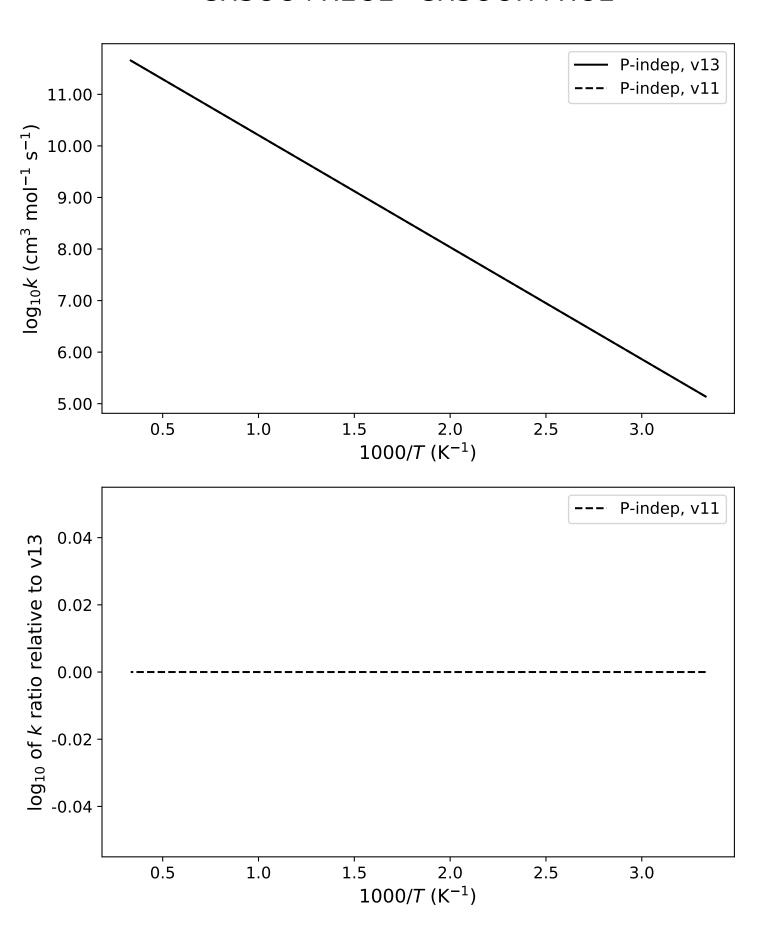
## CH2CCH+HO2=CH2O+CHCOH



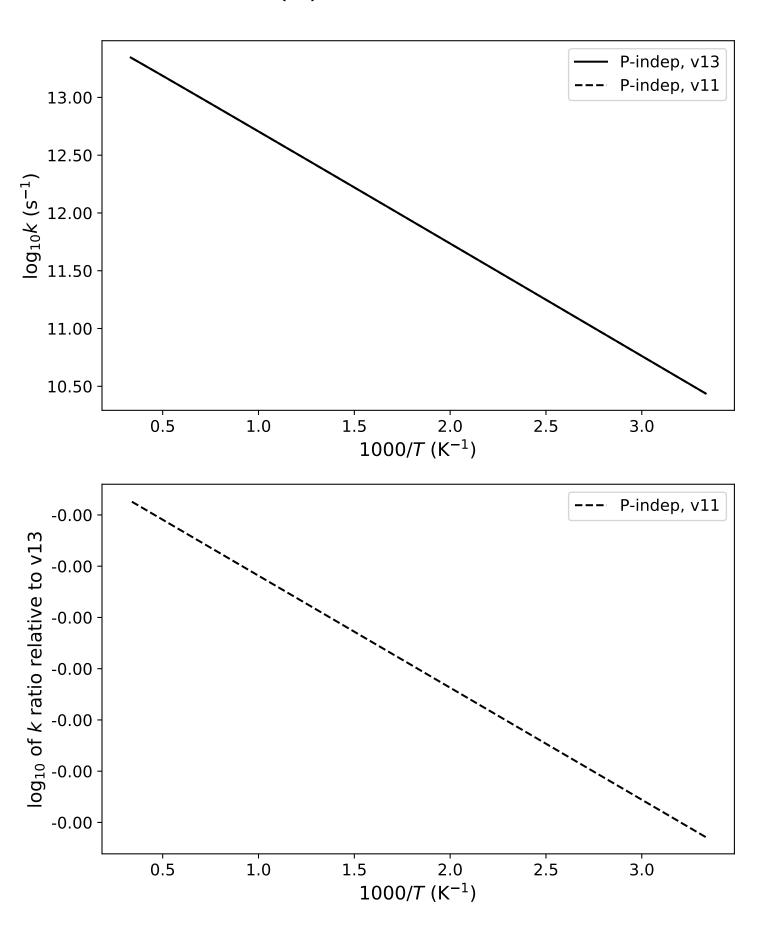
## CHCCCH+OH=H+OCCHCCH



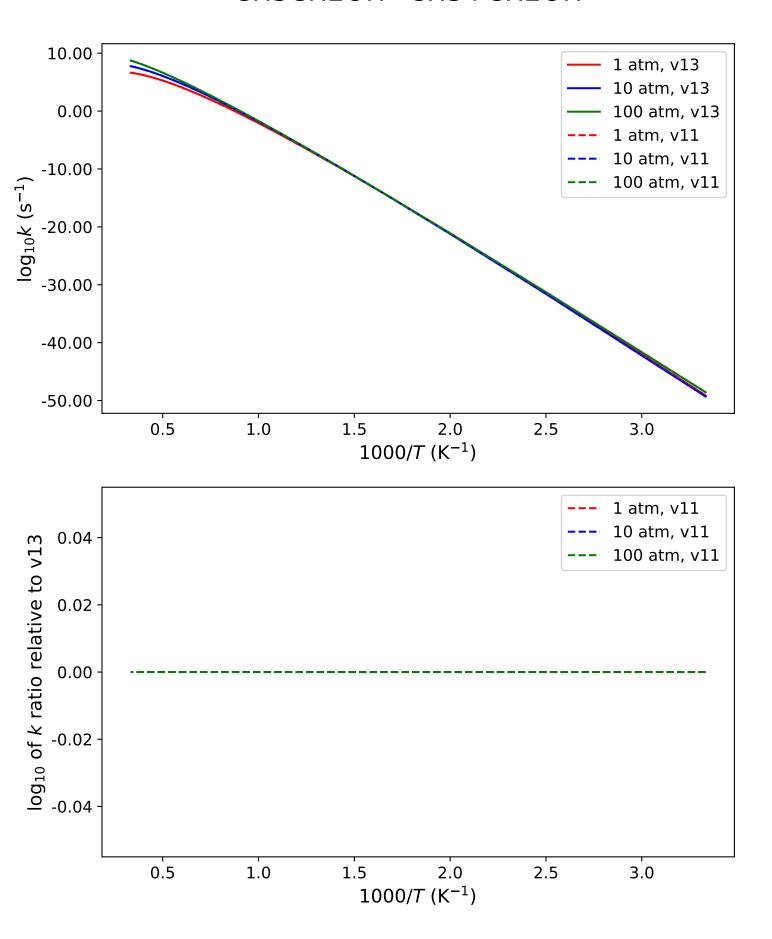
## CH3OO+H2O2=CH3OOH+HO2



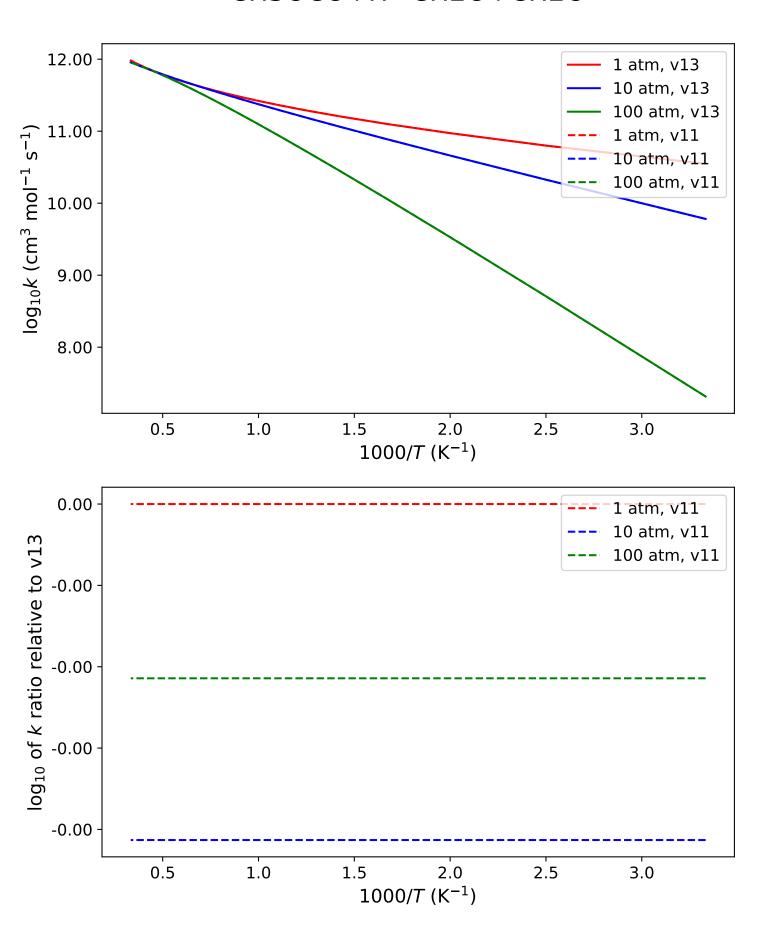
## CH3C(O)CH2O=CH3CO+CH2O



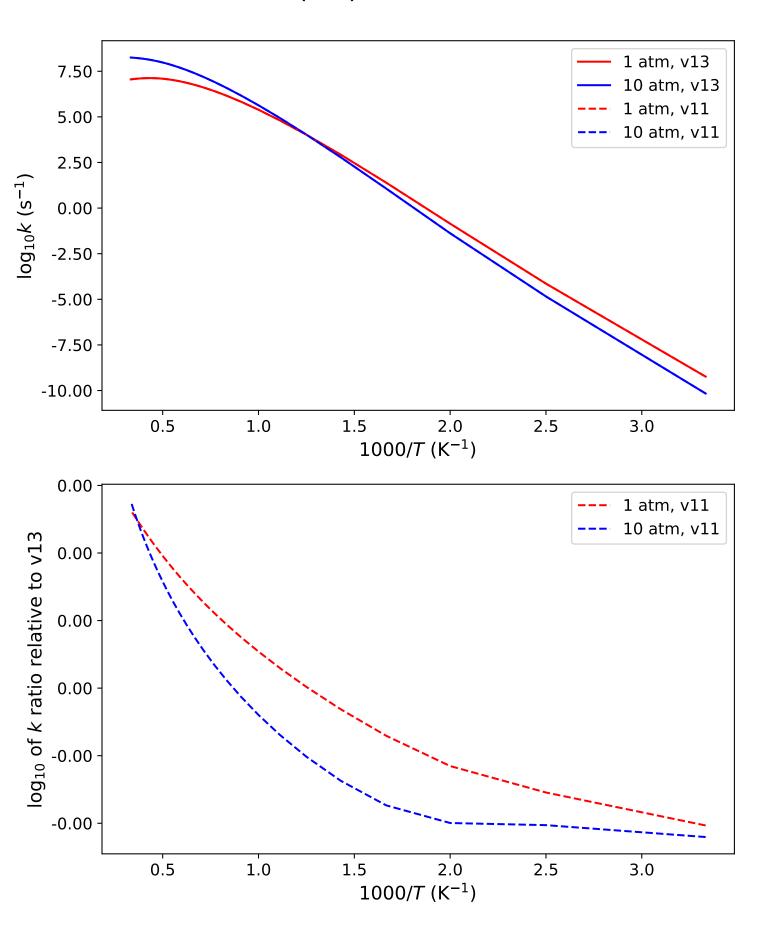
## CH3CH2OH=CH3+CH2OH



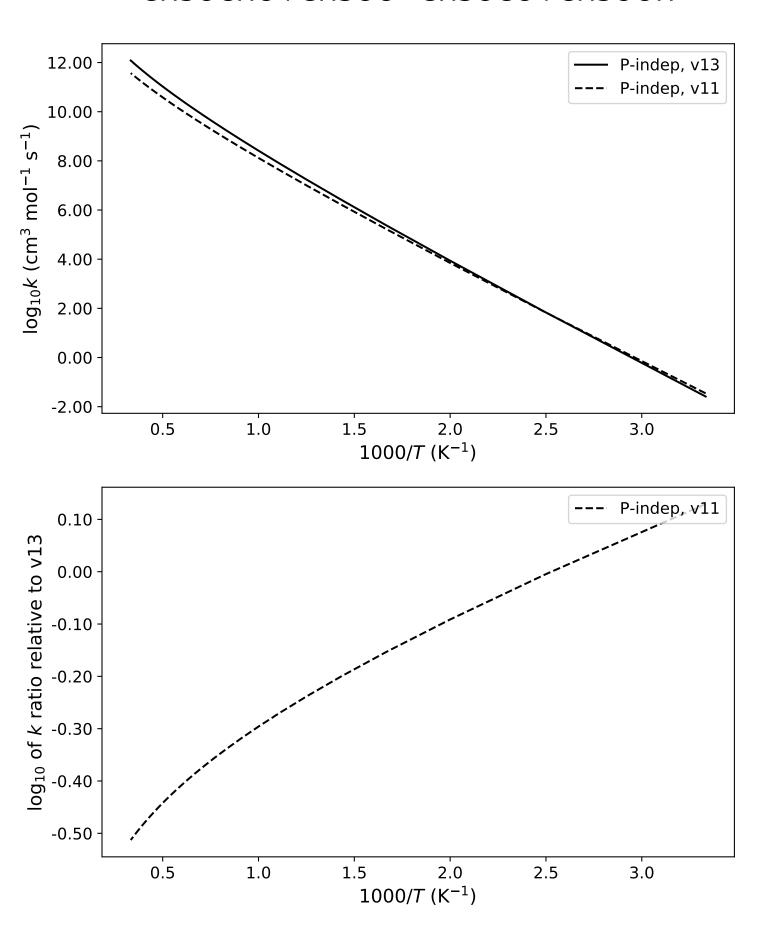
## CH3OCO+H=CH2O+CH2O



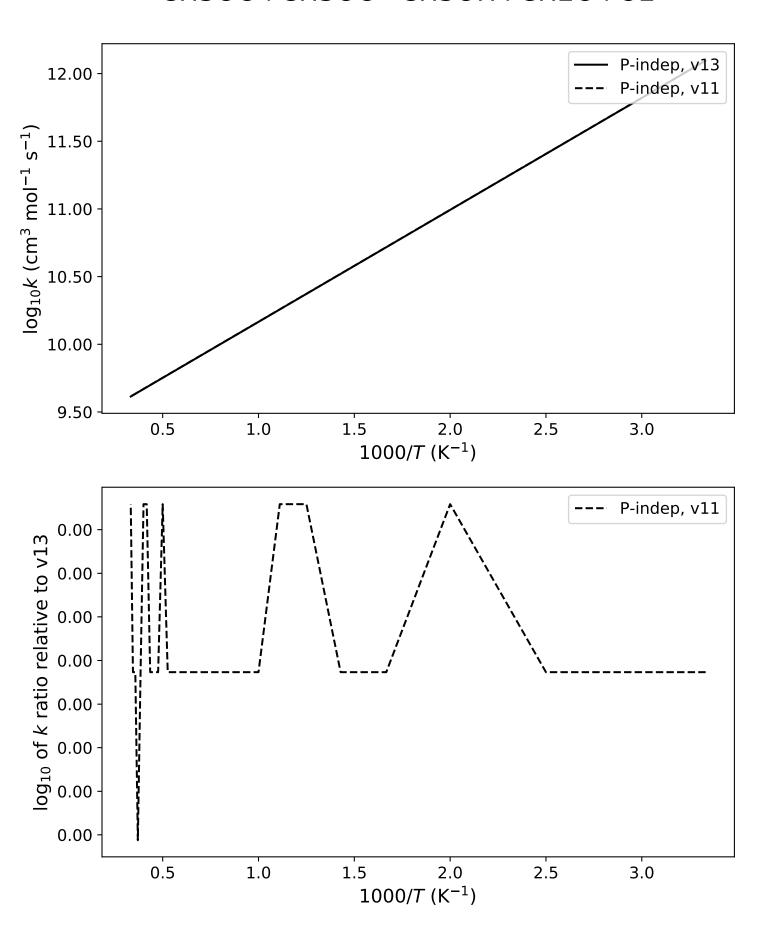
## CH3C(OH)CH=CH2CO+CH3



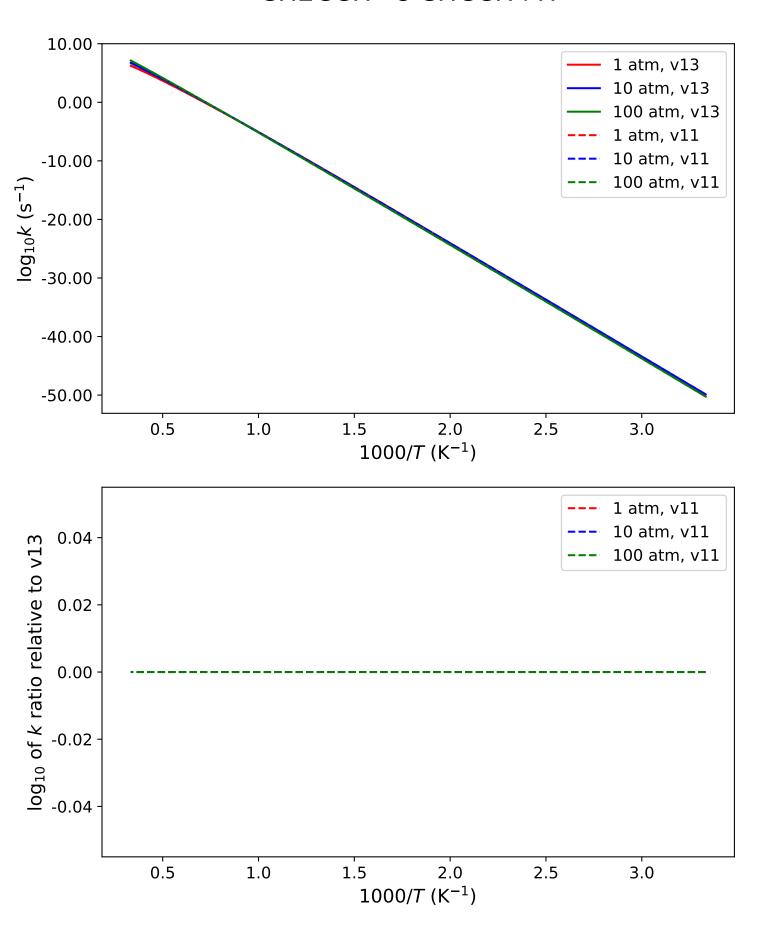
# CH3OCHO+CH3OO=CH3OCO+CH3OOH



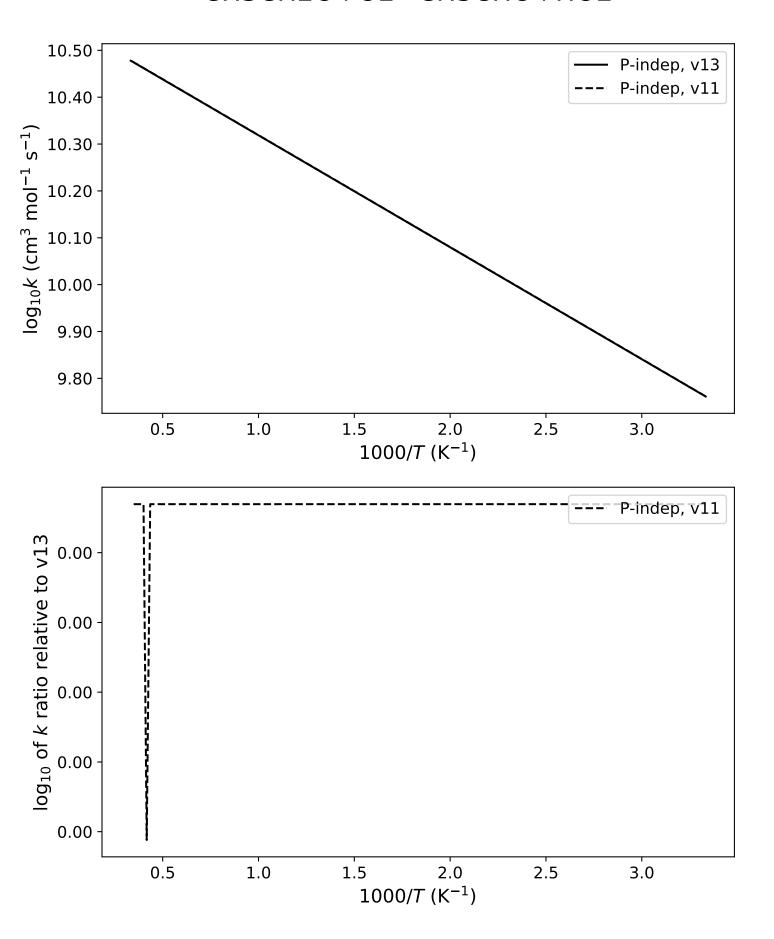
## CH3OO+CH3OO=CH3OH+CH2O+O2



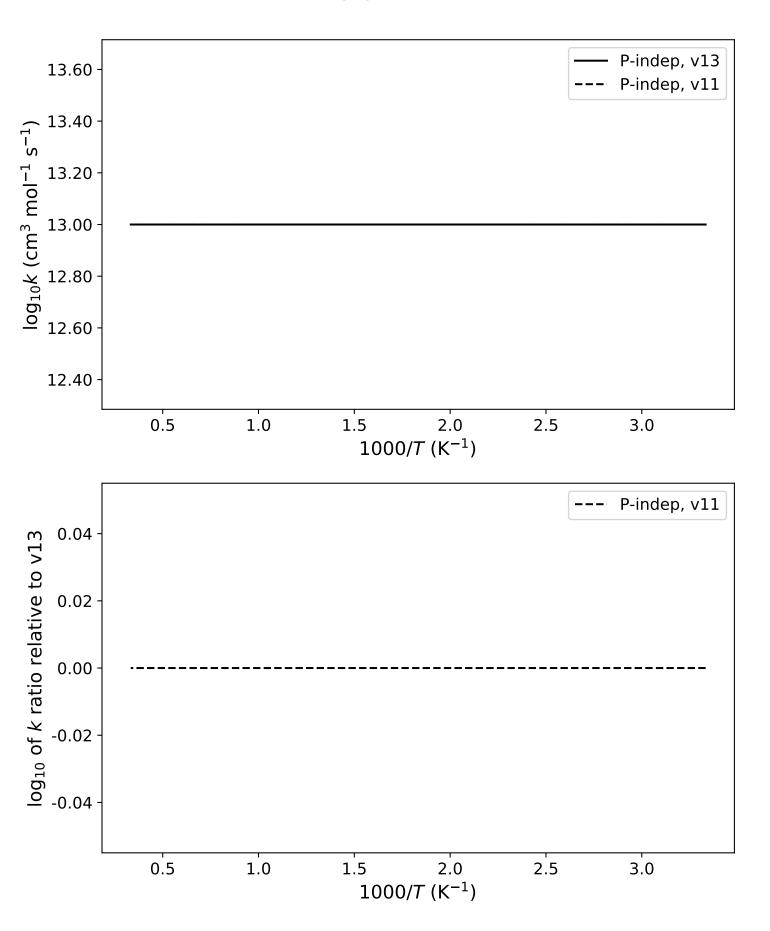
## CH2CCH=c-CHCCH+H



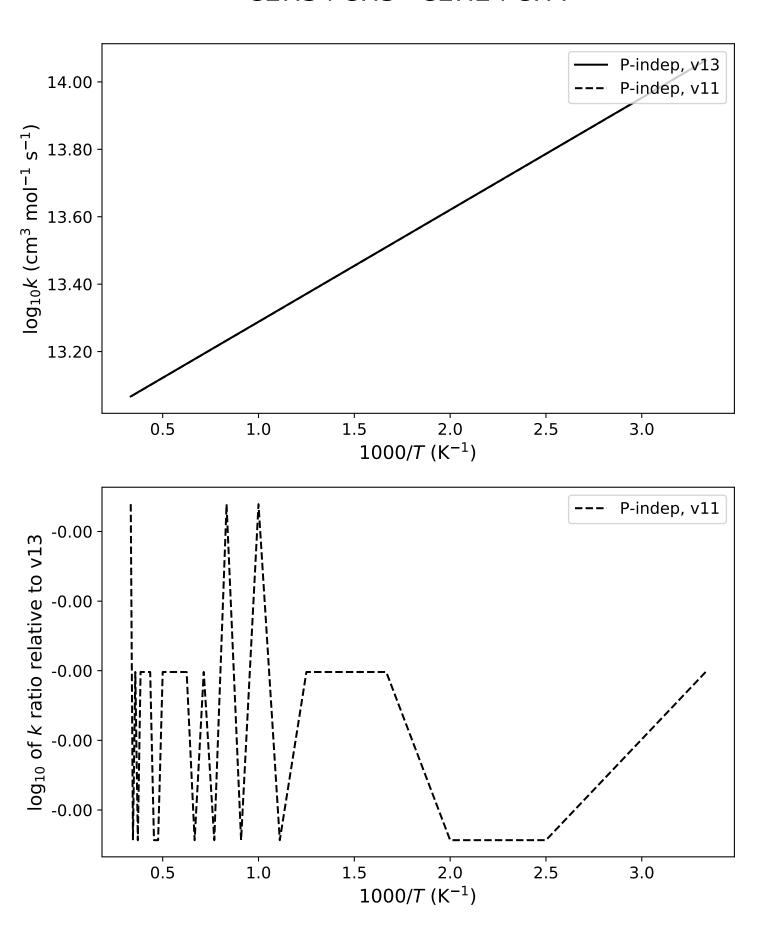
## CH3CH2O+O2=CH3CHO+HO2



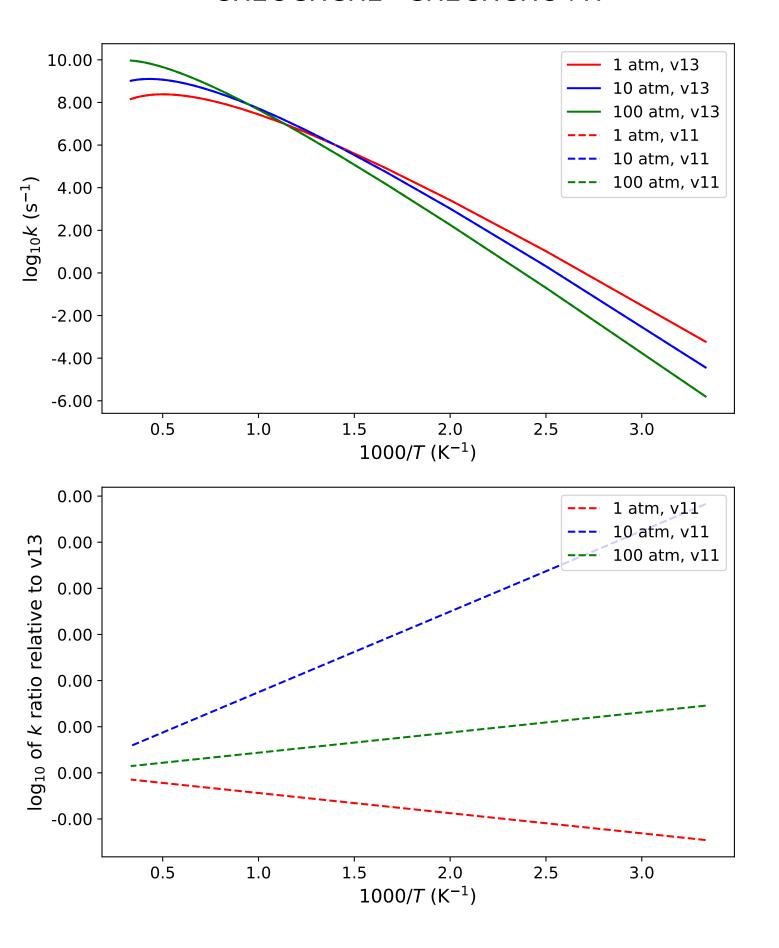
# CHCCH(S)+H=CH2CC+H



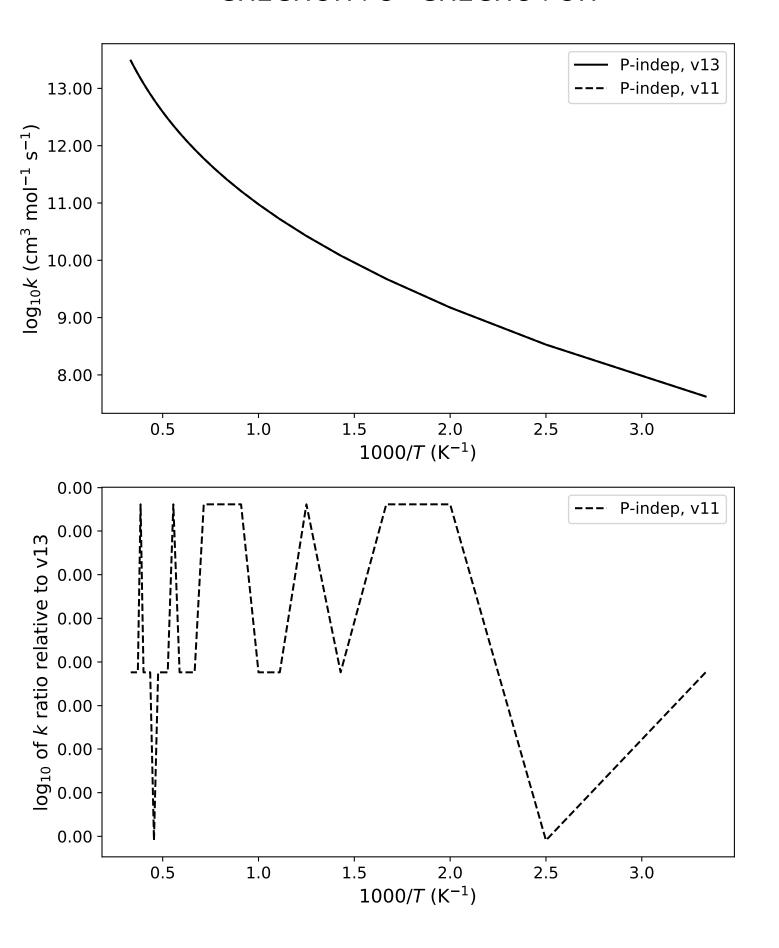
## C2H3+CH3=C2H2+CH4



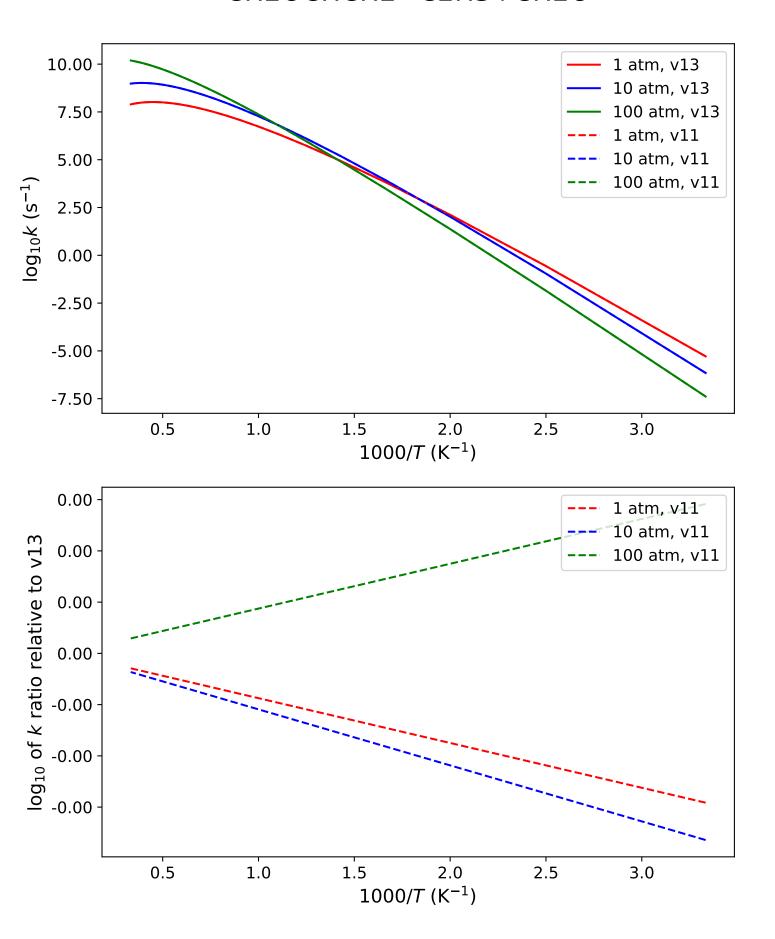
## CH2OCHCH2=CH2CHCHO+H



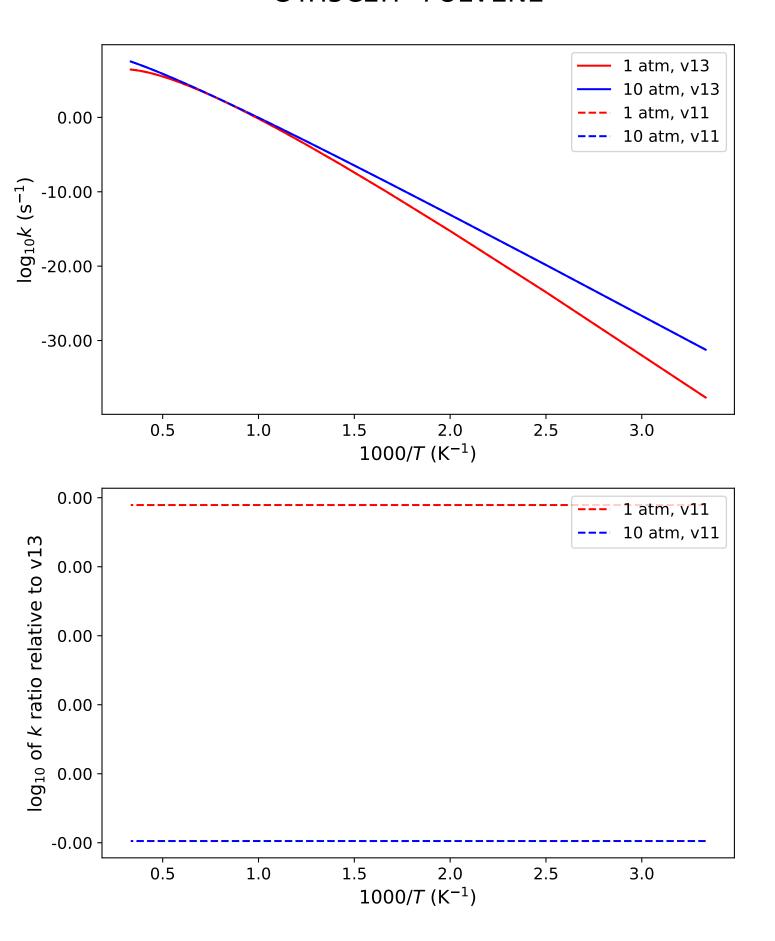
## CH2CHOH+O=CH2CHO+OH



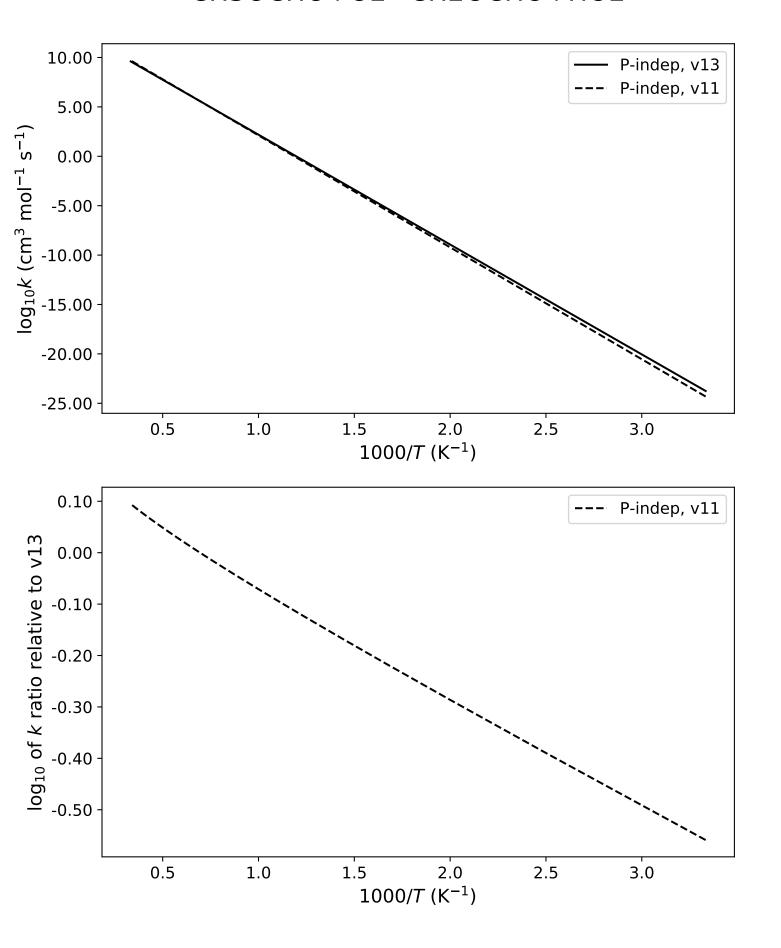
#### CH2OCHCH2=C2H3+CH2O



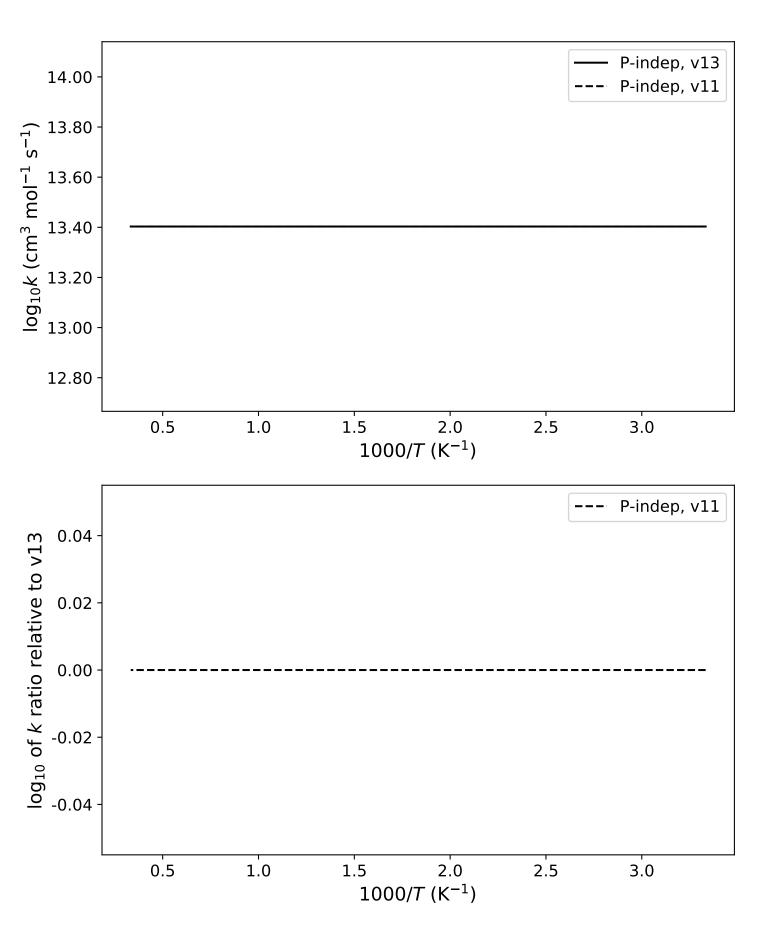
## C4H5C2H=FULVENE



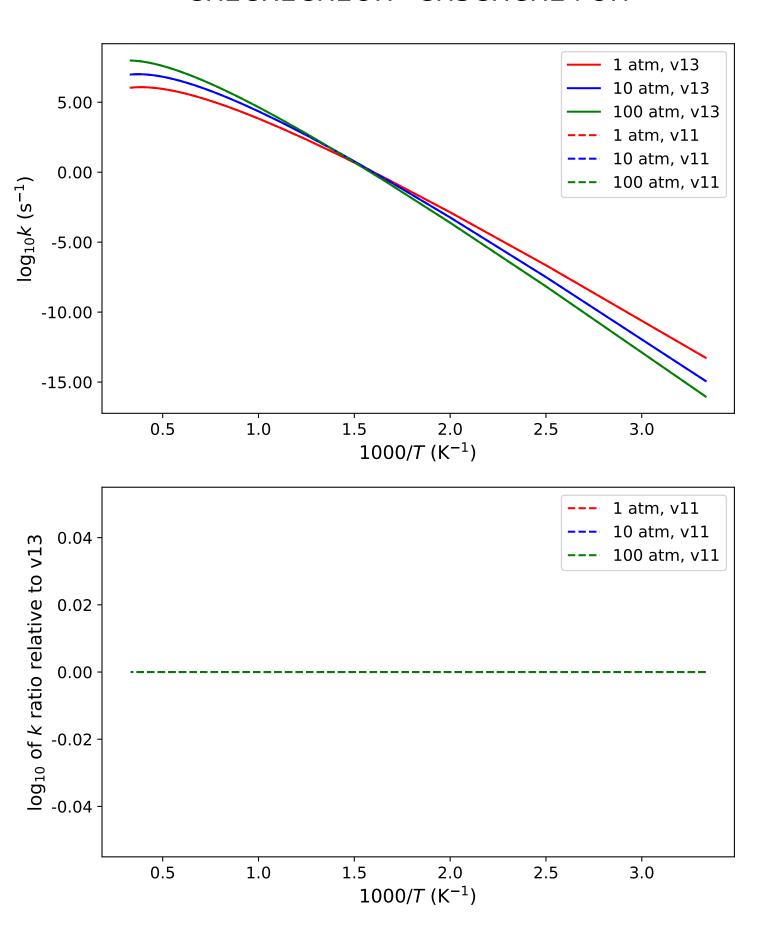
## CH3OCHO+O2=CH2OCHO+HO2



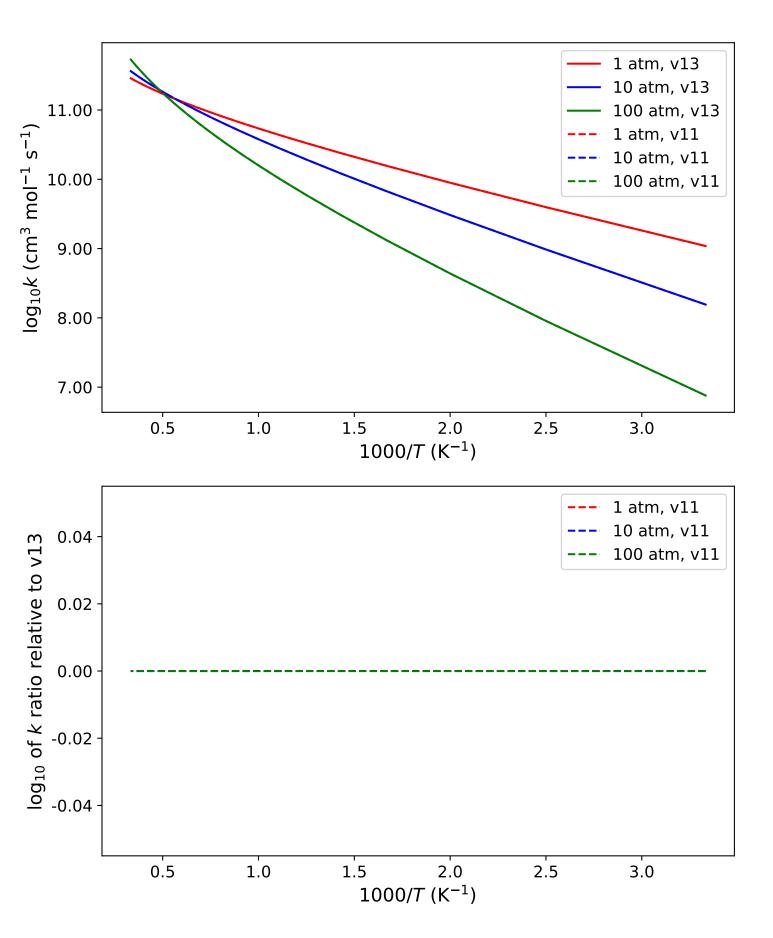
## CH+O2=CO+H+O



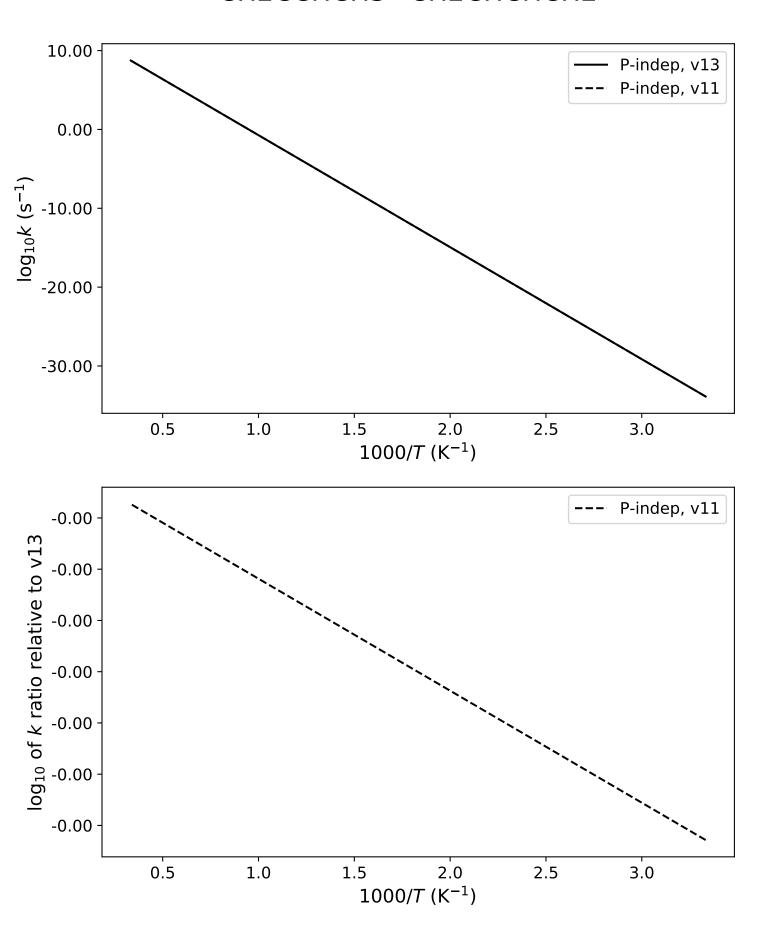
## CH2CH2CH2OH=CH3CHCH2+OH



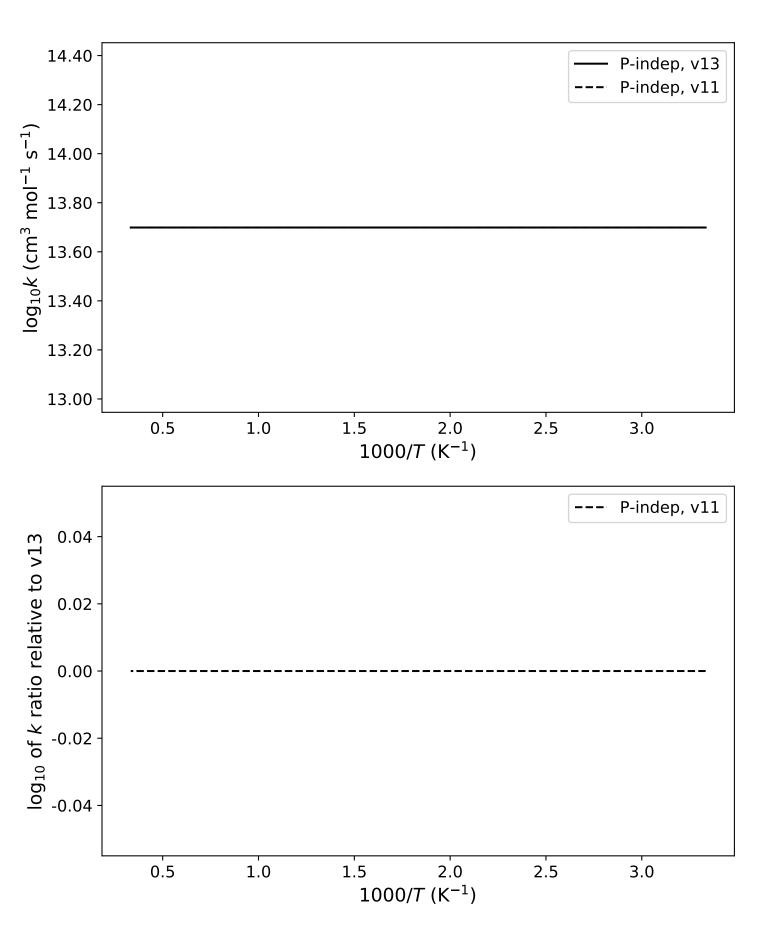
## OH+C2H2=CH3+CO



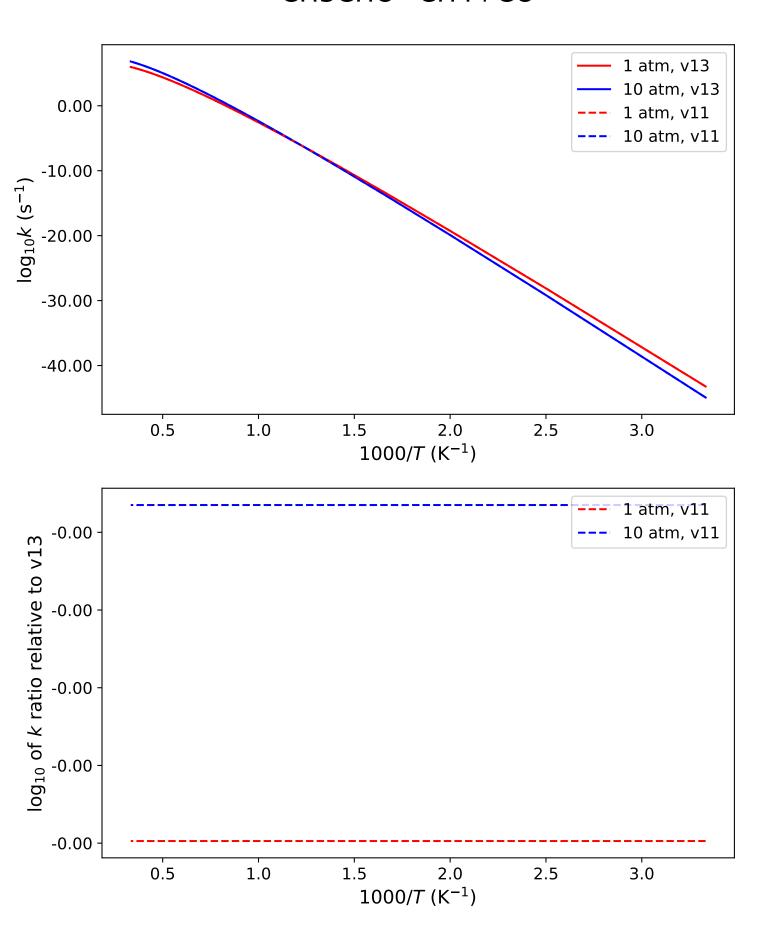
## CH2CCHCH3=CH2CHCHCH2



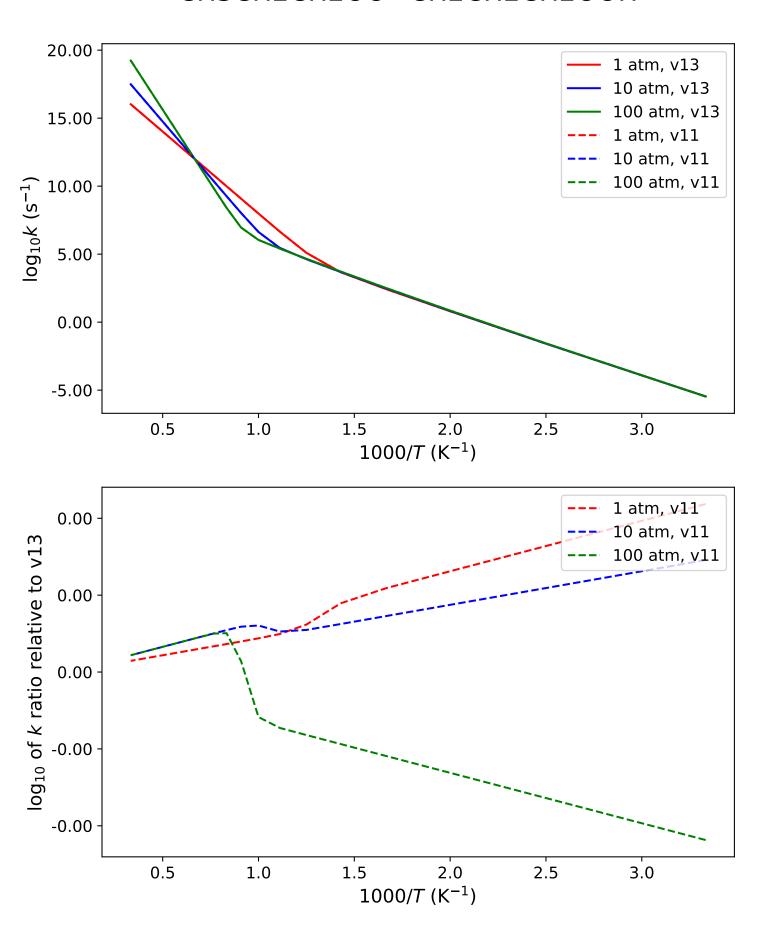
## CH2CHO+O=CH2O+HCO



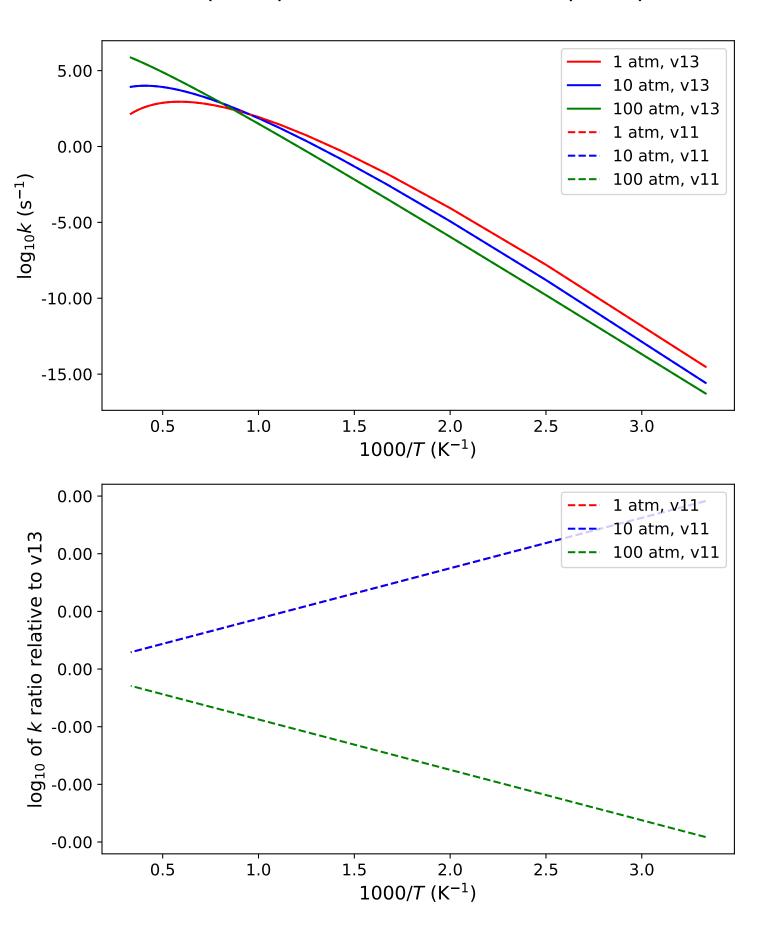
## CH3CHO=CH4+CO



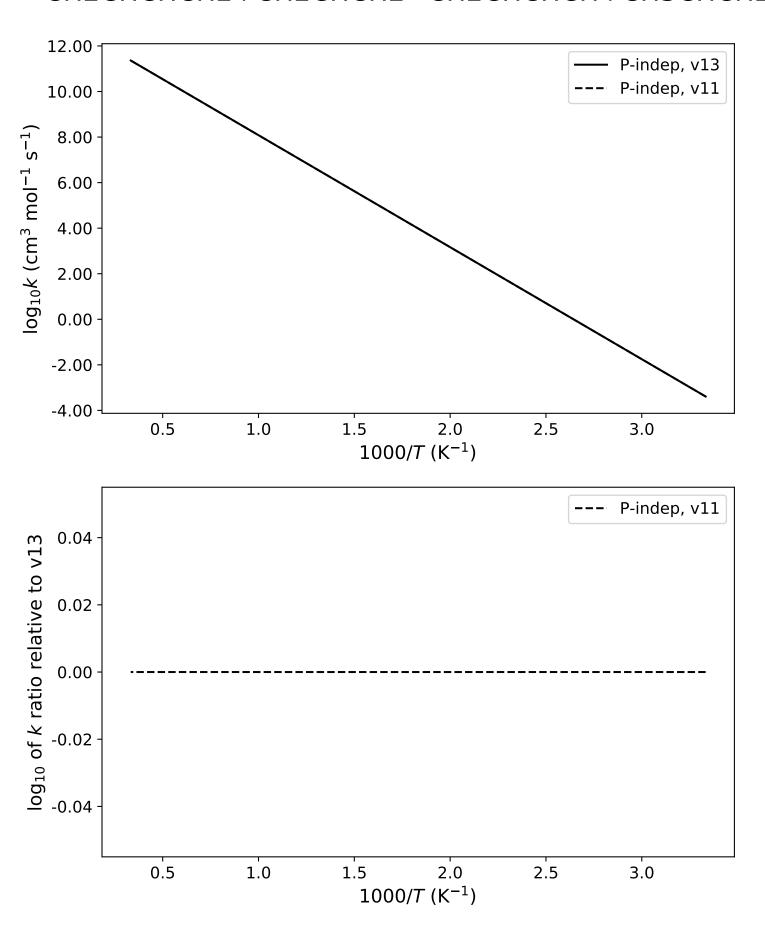
## CH3CH2CH2OO=CH2CH2CH2OOH



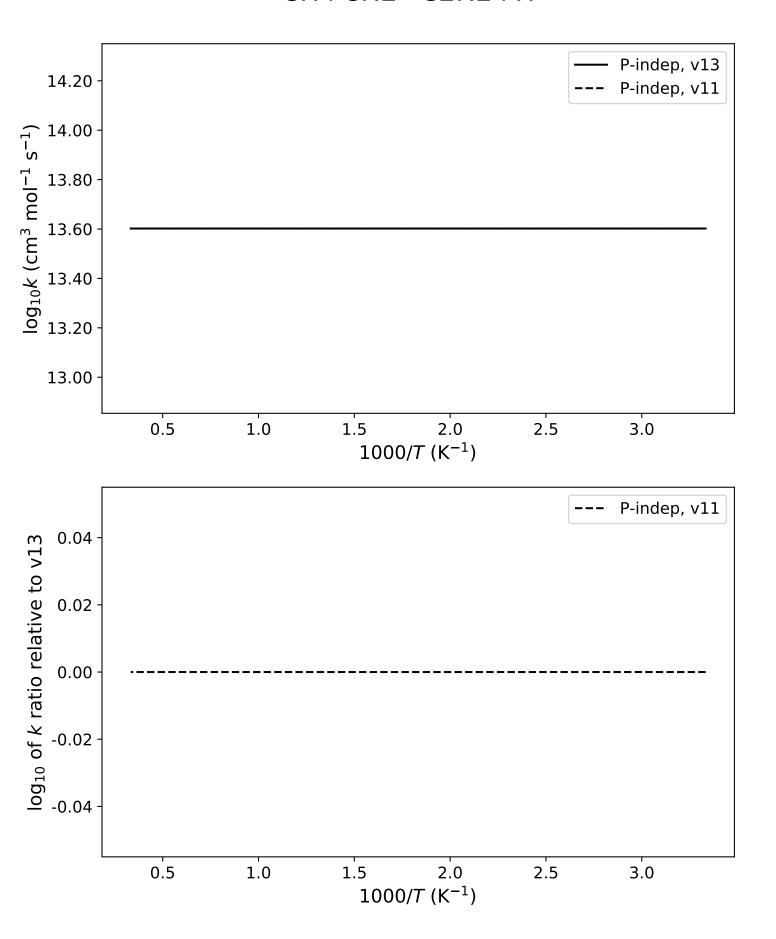
## CH3CH(OOH)CH2OO=OH+CH3CH(OOH)CHO



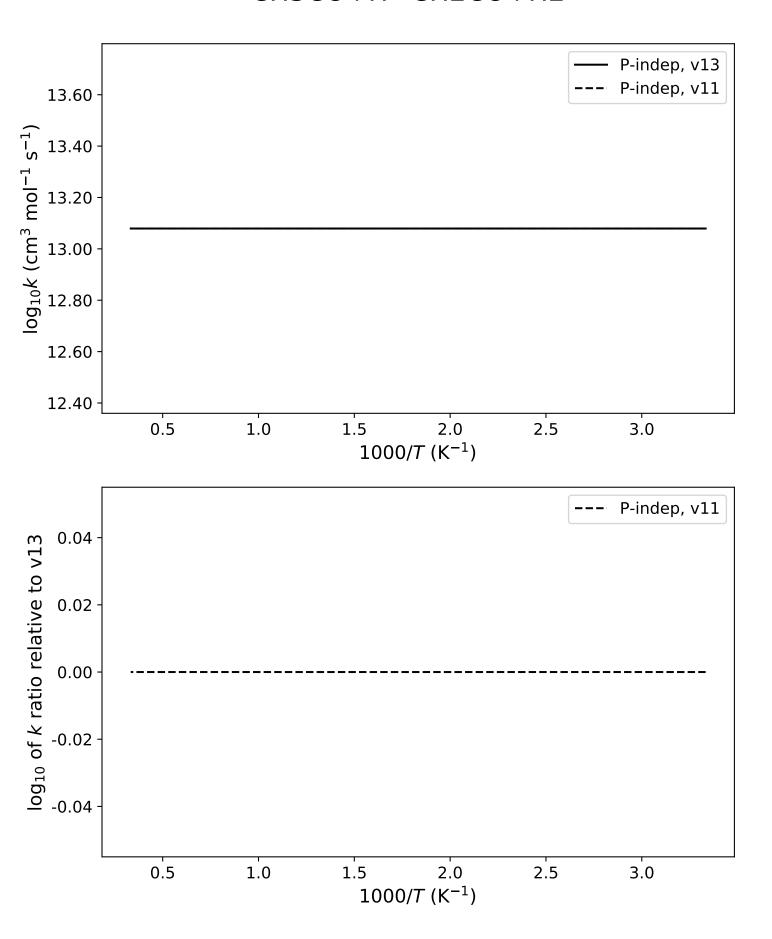
#### CH2CHCH2+CH2CHCH2=CH2CHCHCH+CH3CHCH2



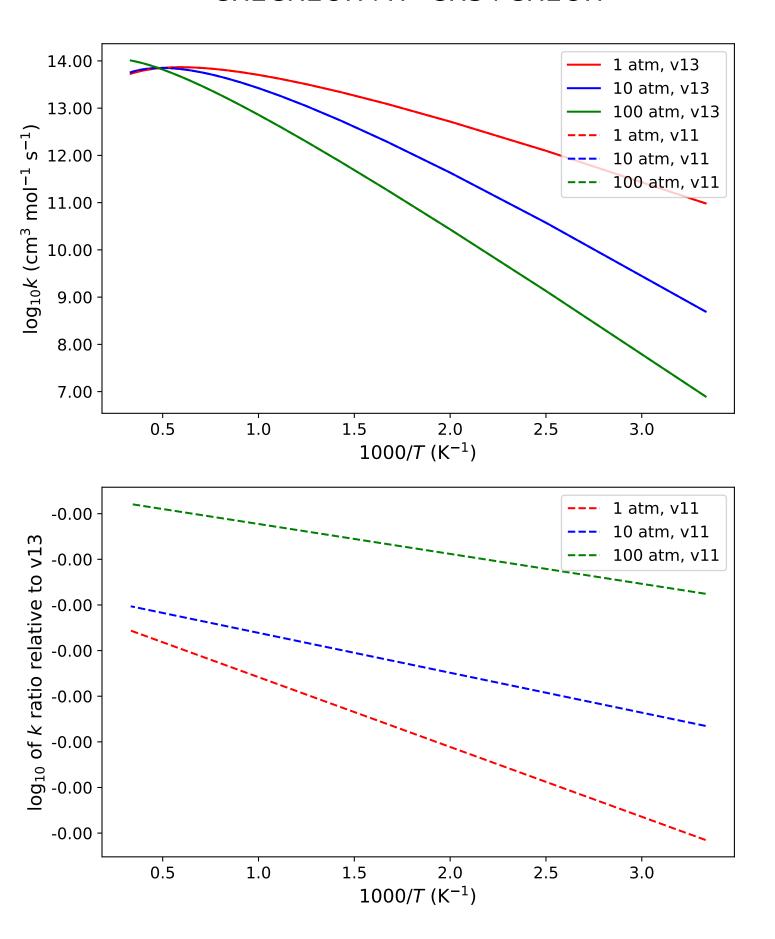
## CH+CH2=C2H2+H



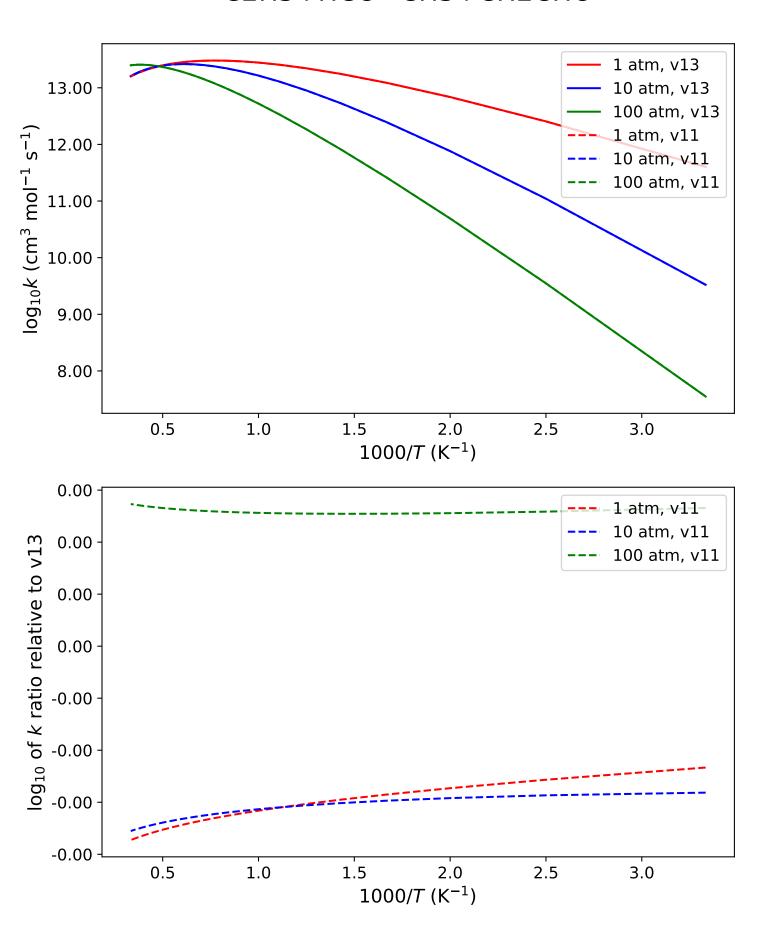
## CH3CO+H=CH2CO+H2



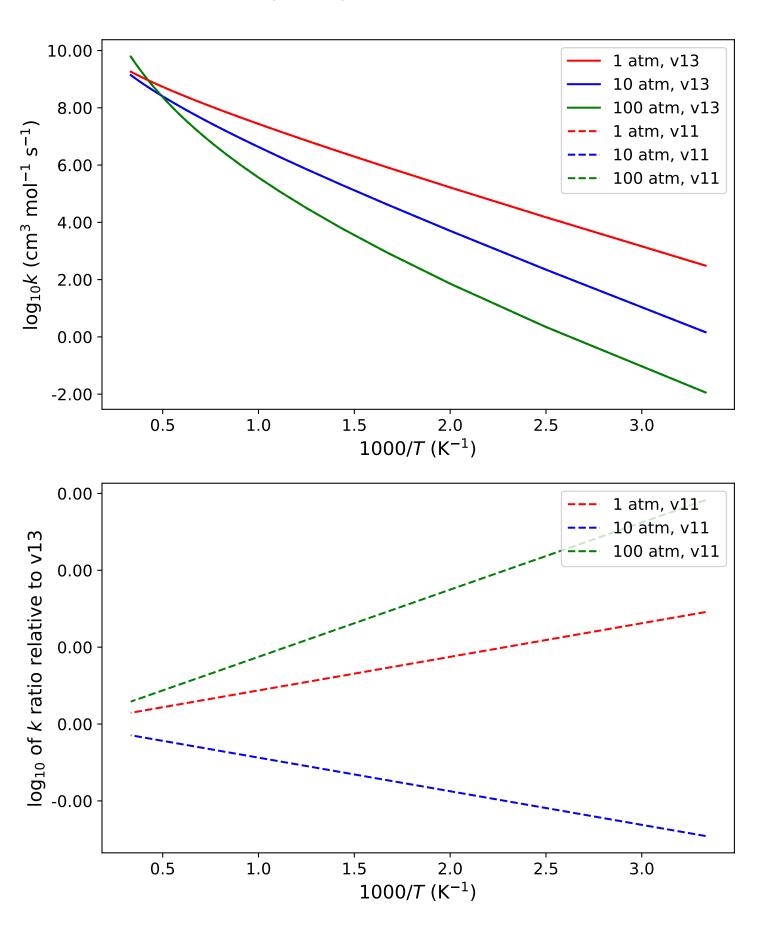
## CH2CH2OH+H=CH3+CH2OH



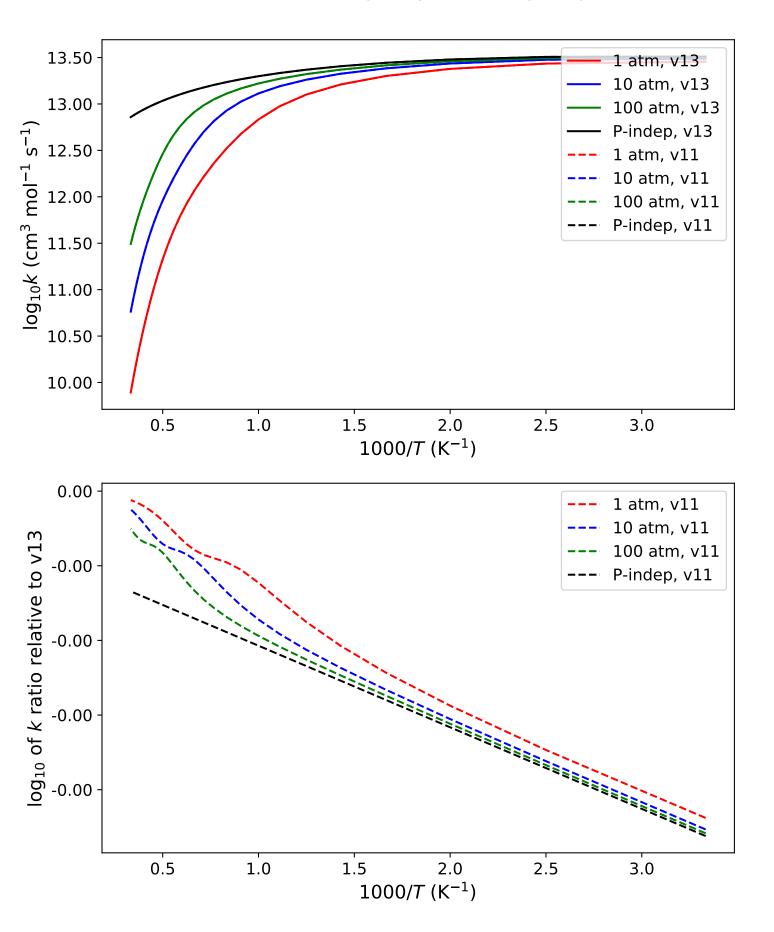
#### C2H5+HCO=CH3+CH2CHO



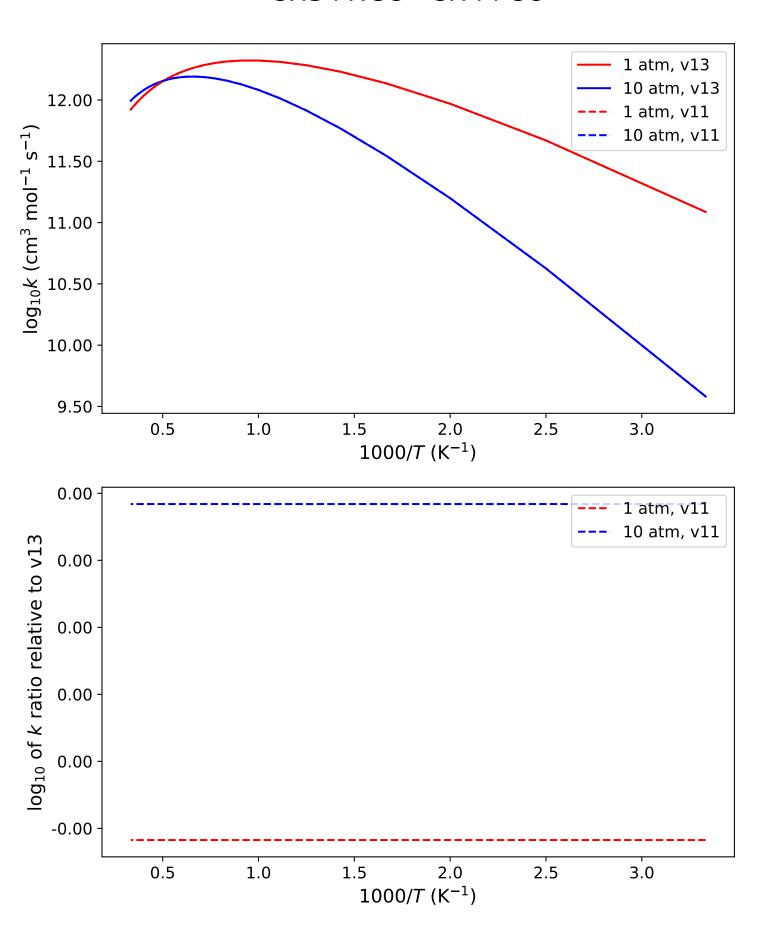
# O2+CH3CH(OOH)CH2=HO2+CH3CHCHOOH



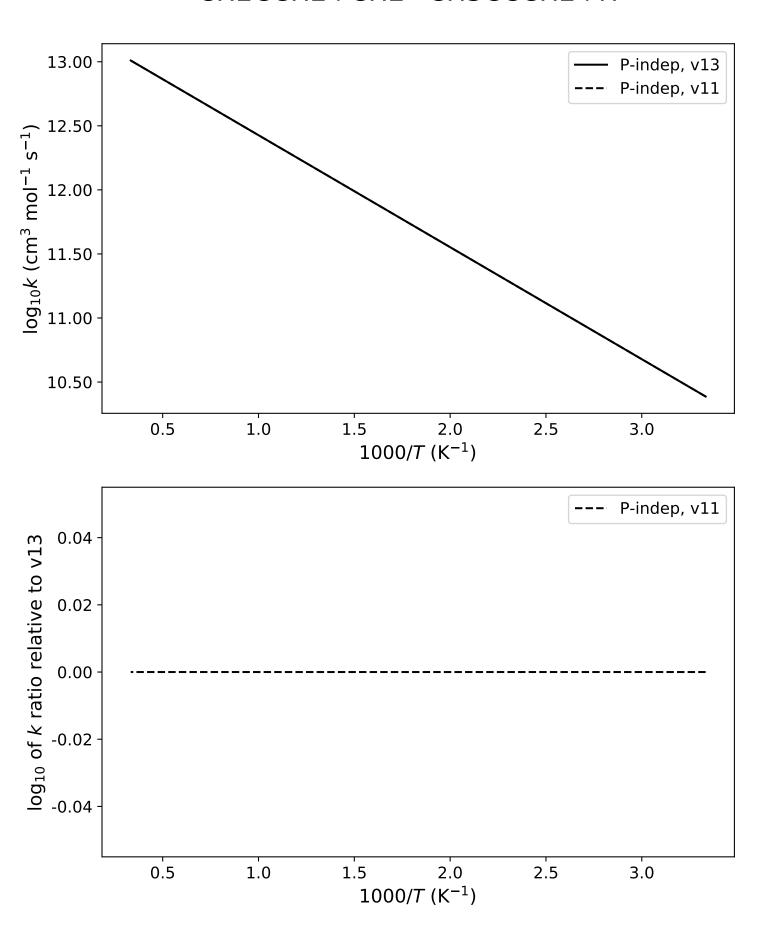
## CH3+CH3(+M)=C2H6(+M)



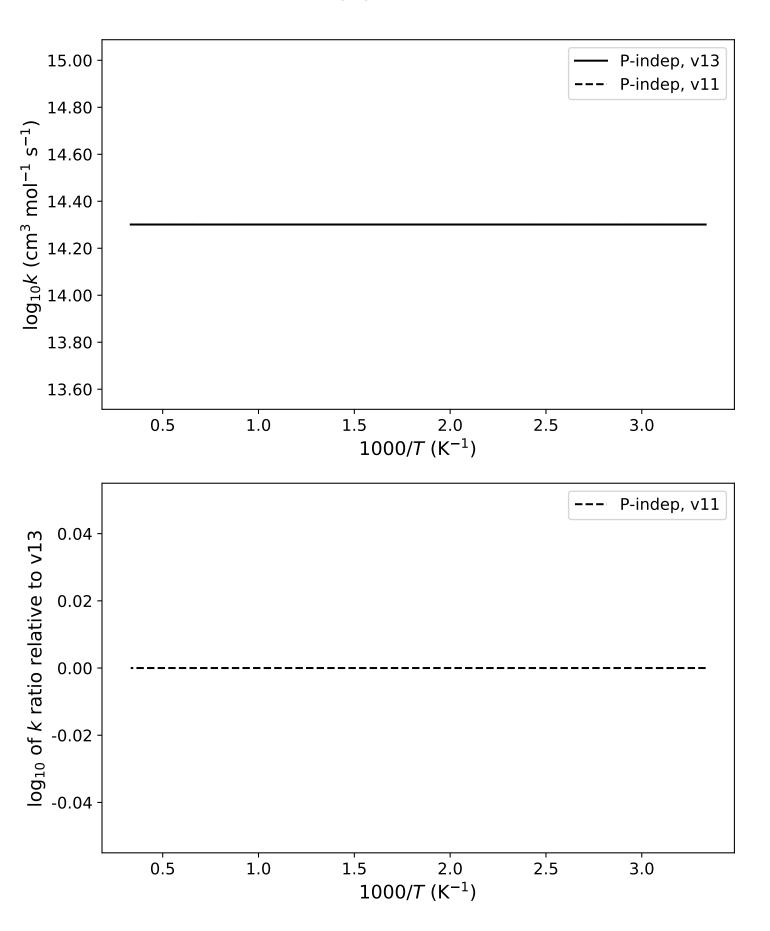
## CH3+HCO=CH4+CO



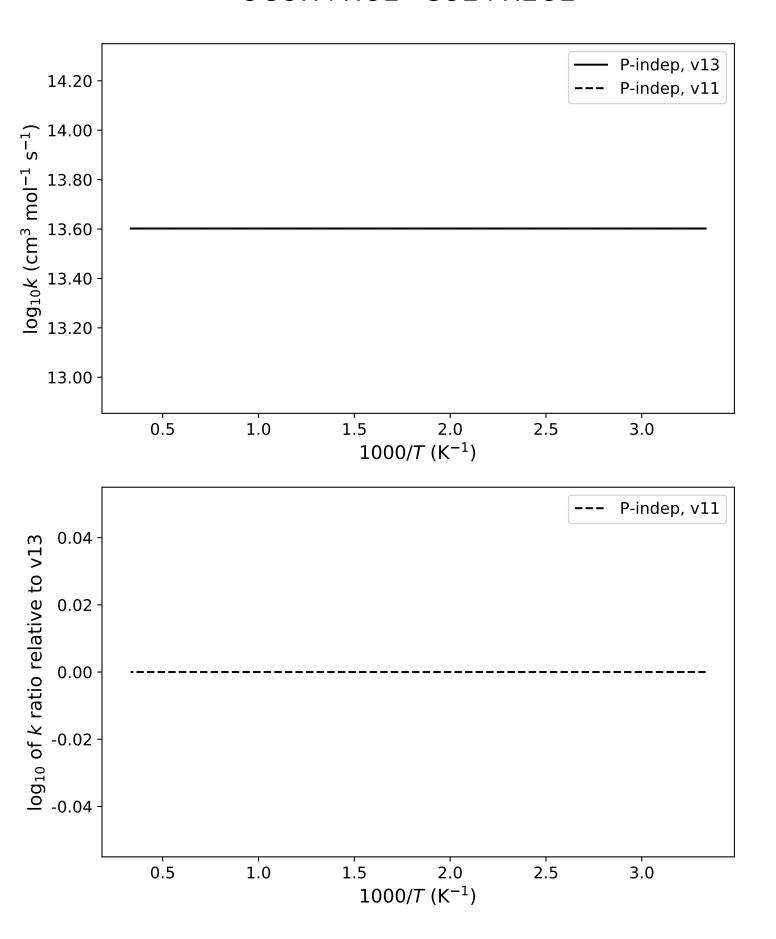
## CH2CCH2+CH2=CH3CCCH2+H



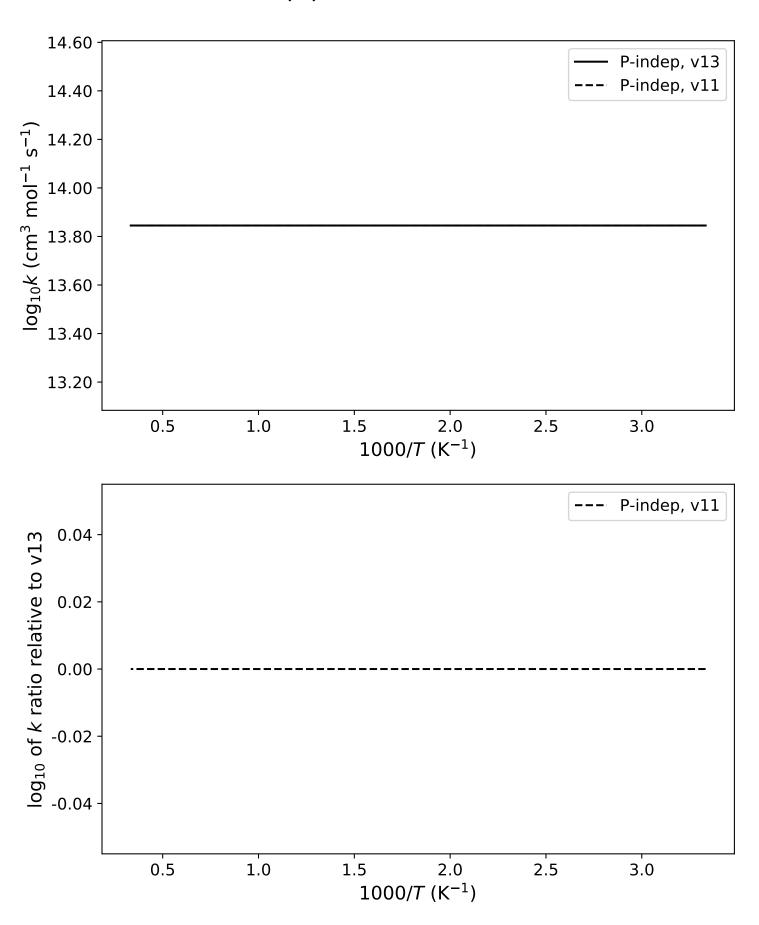
# CH2(S)+H=CH2+H



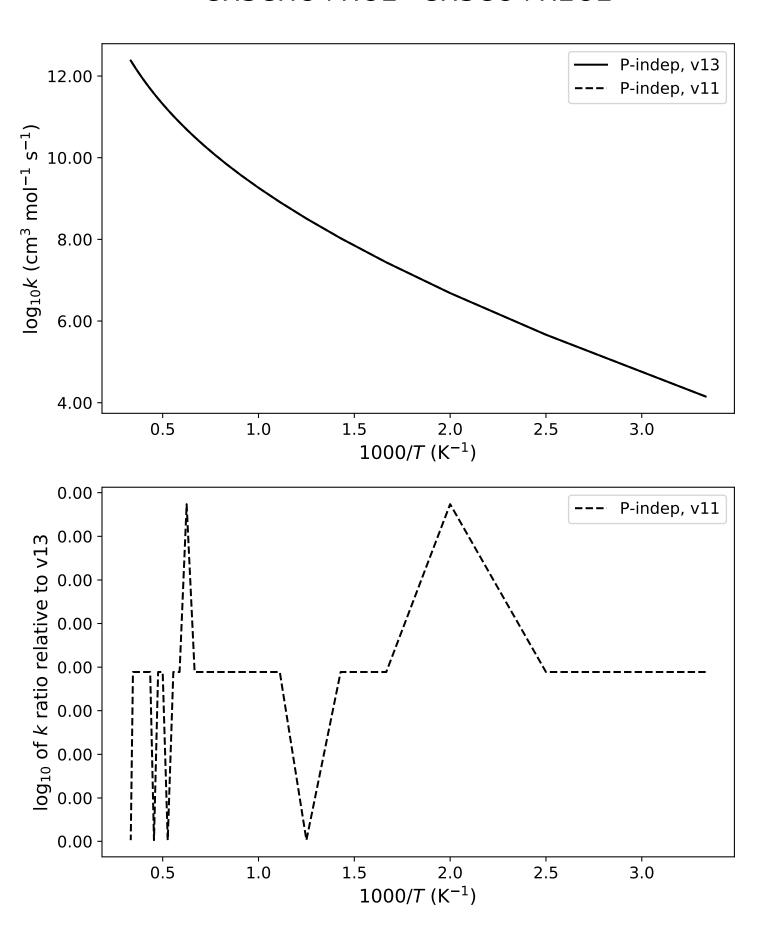
## OCOH+HO2=CO2+H2O2



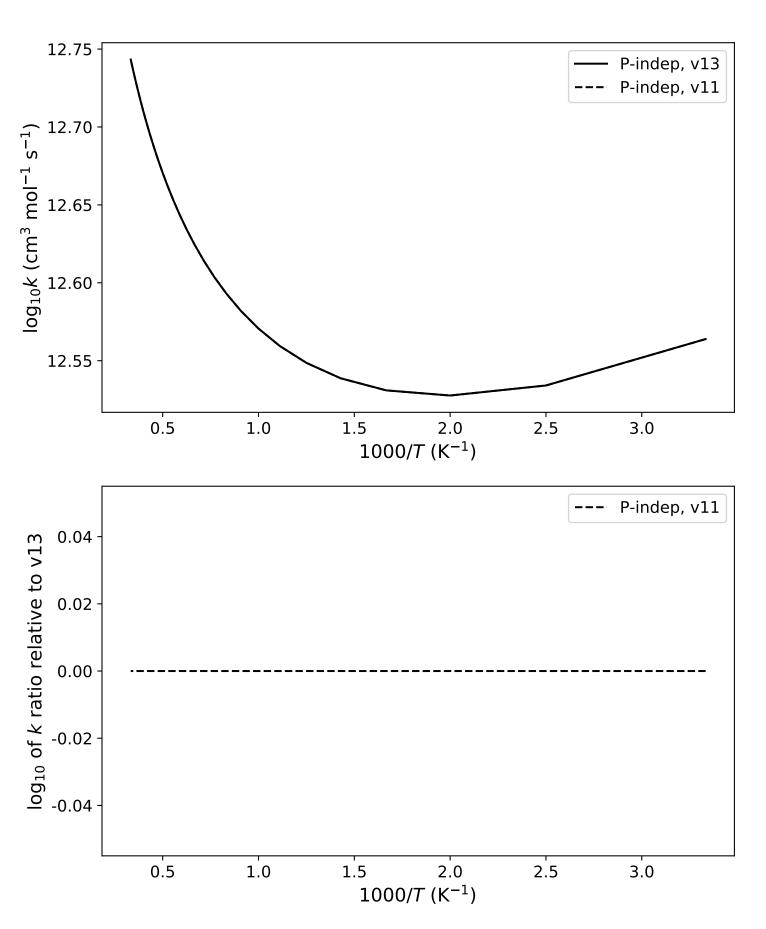
# CH2(S)+C6H6=CH2+C6H6



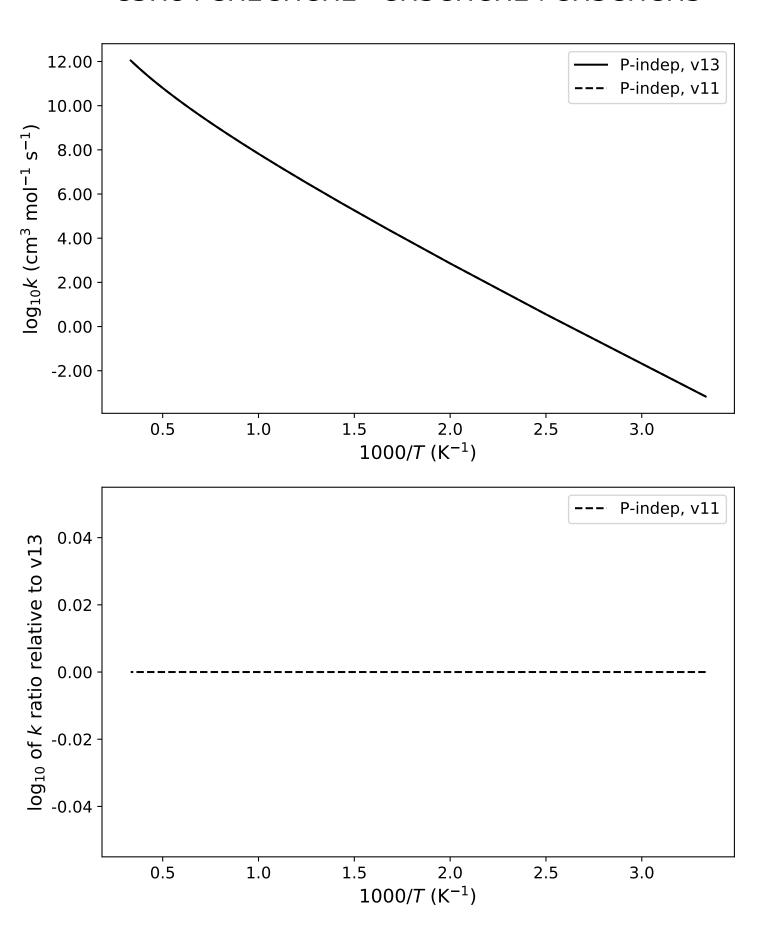
# CH3CHO+HO2=CH3CO+H2O2



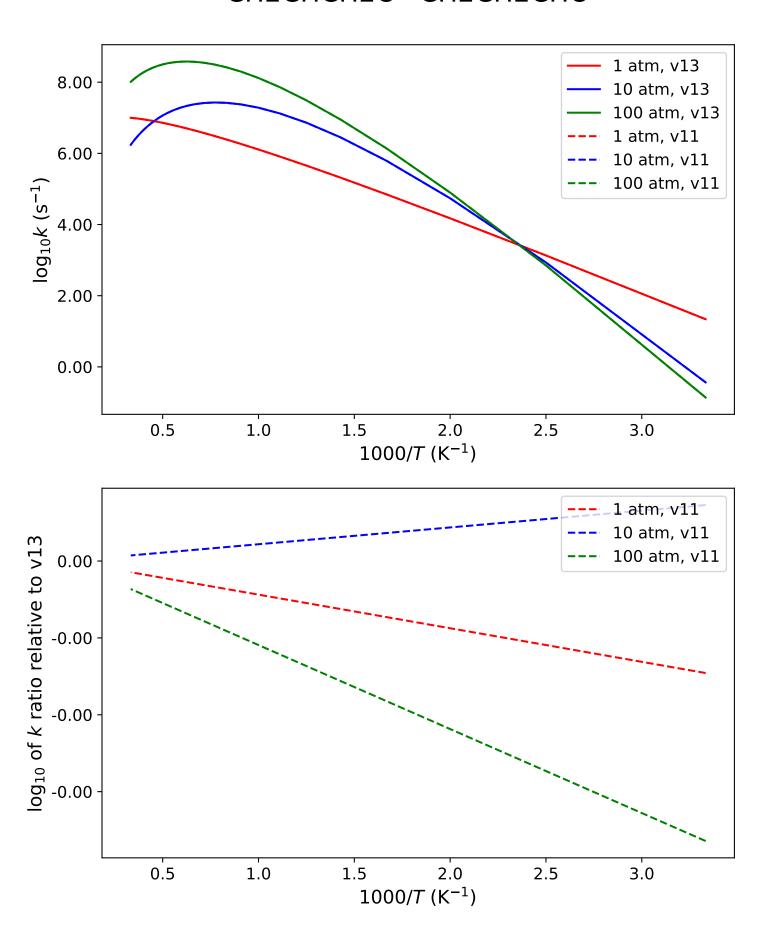
# HCO+O2=HO2+CO



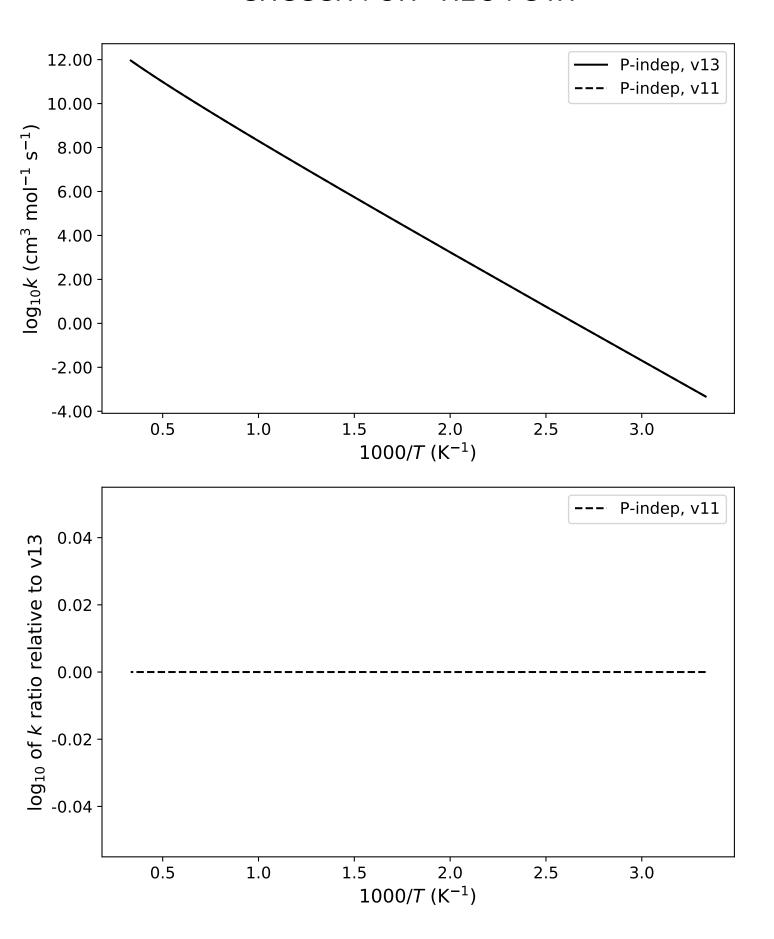
# C3H8+CH2CHCH2=CH3CHCH2+CH3CHCH3



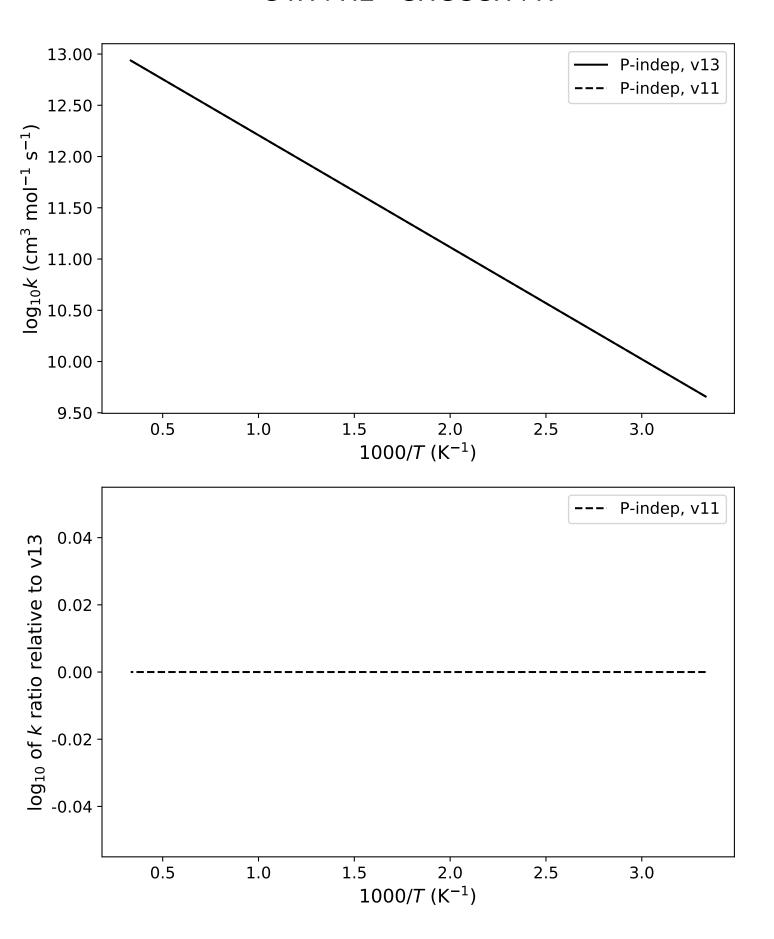
## CH2CHCH2O=CH2CH2CHO



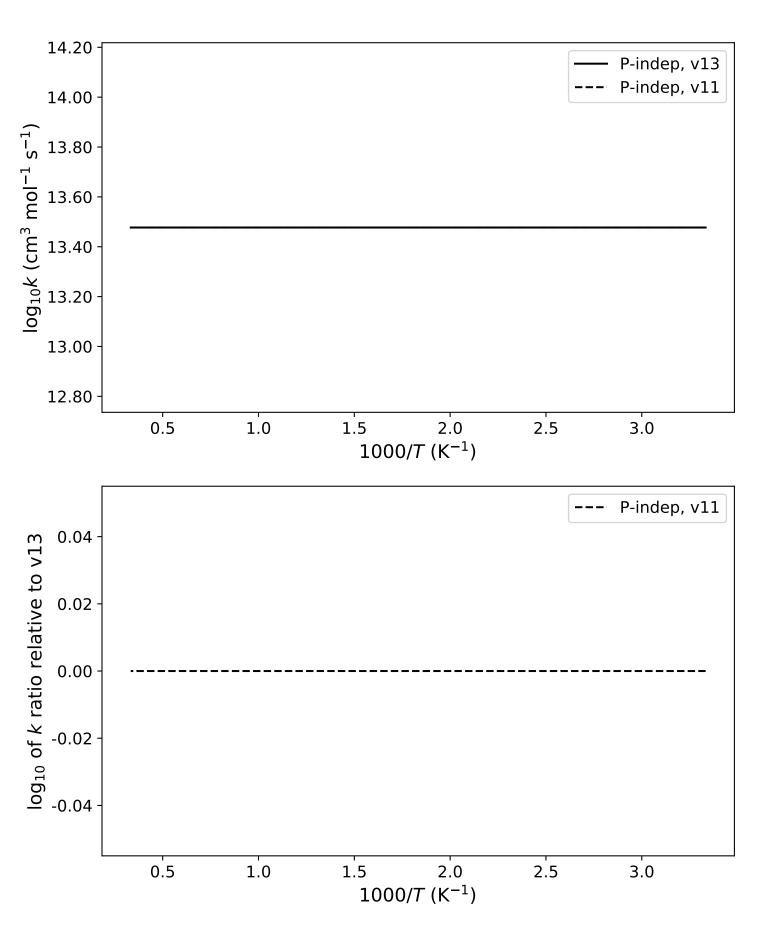
# CHCCCH+OH=H2O+C4H



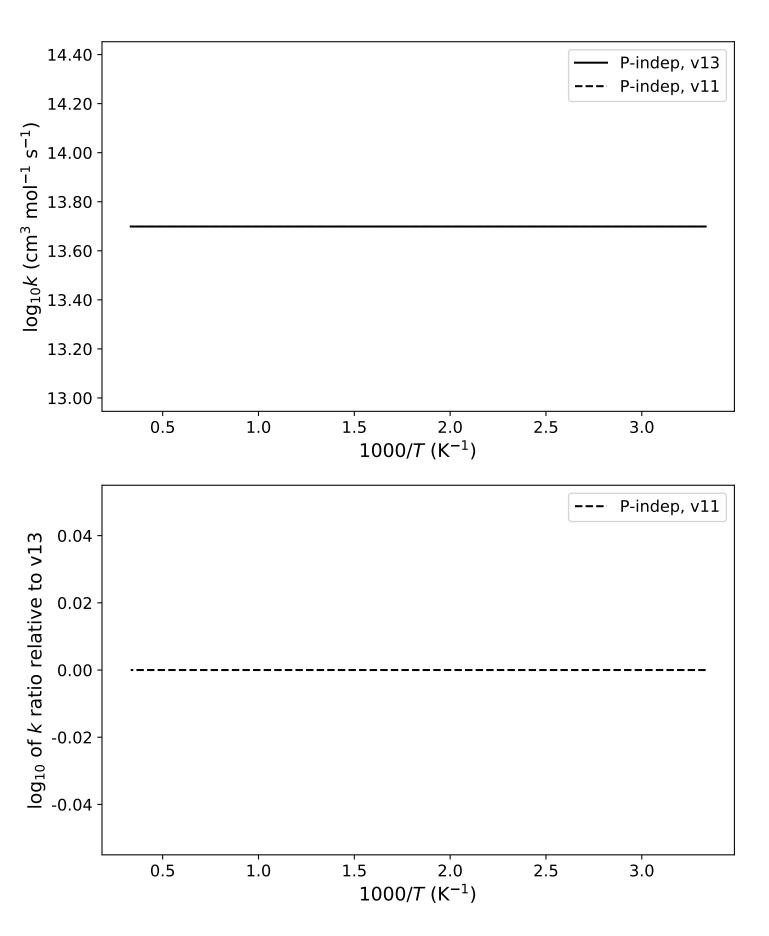
## C4H+H2=CHCCCH+H



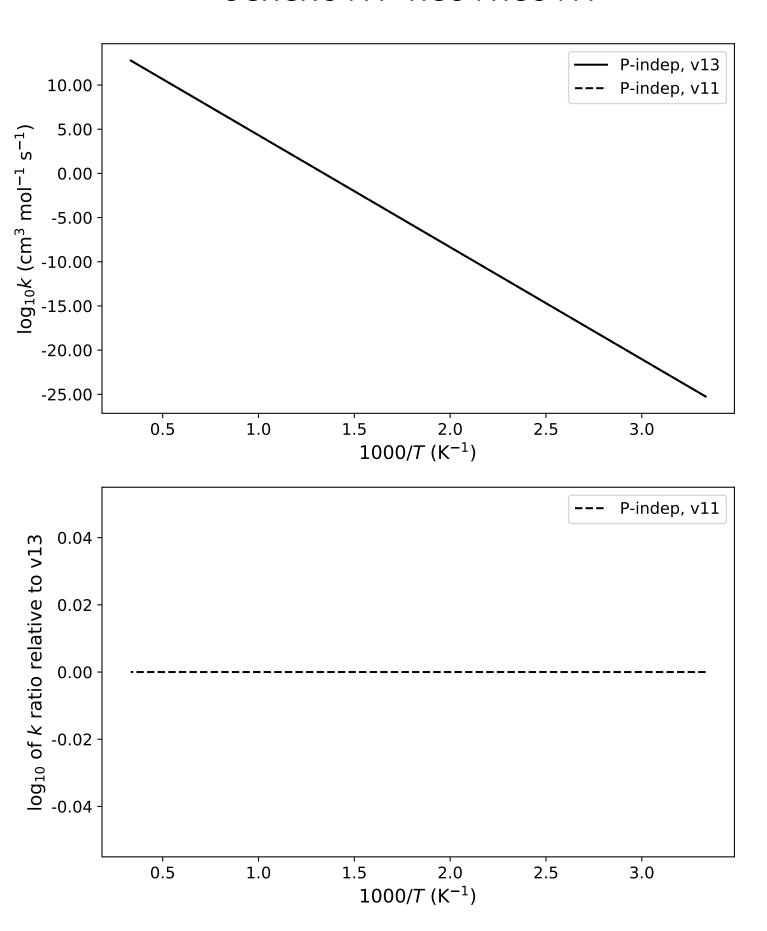
# HCO+O=CO2+H



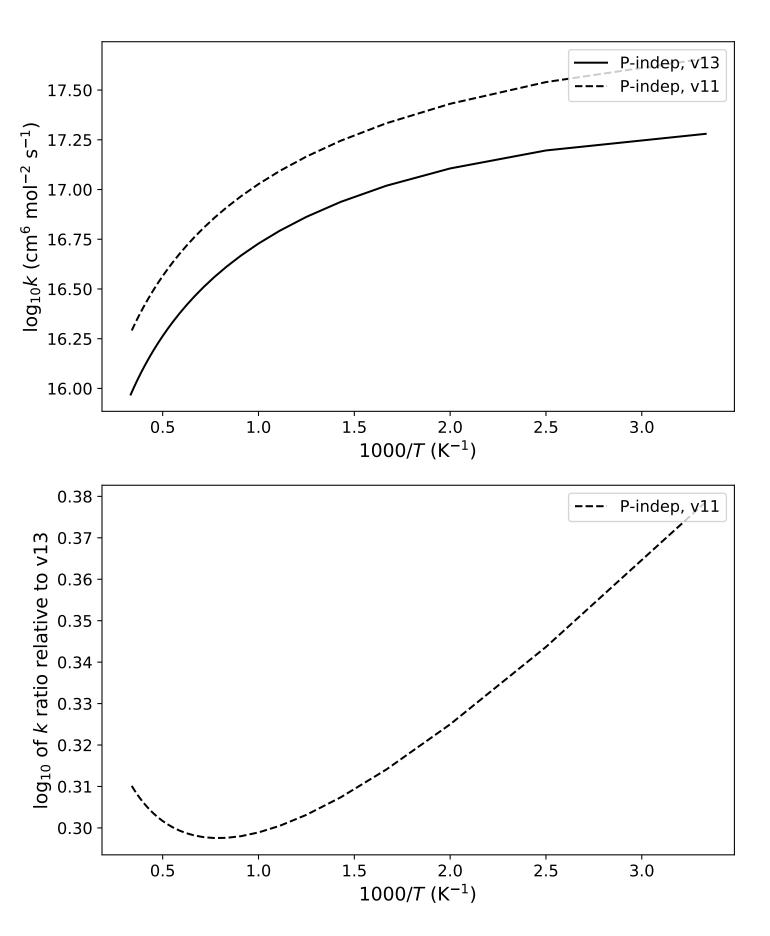
# C2H+O=CH+CO



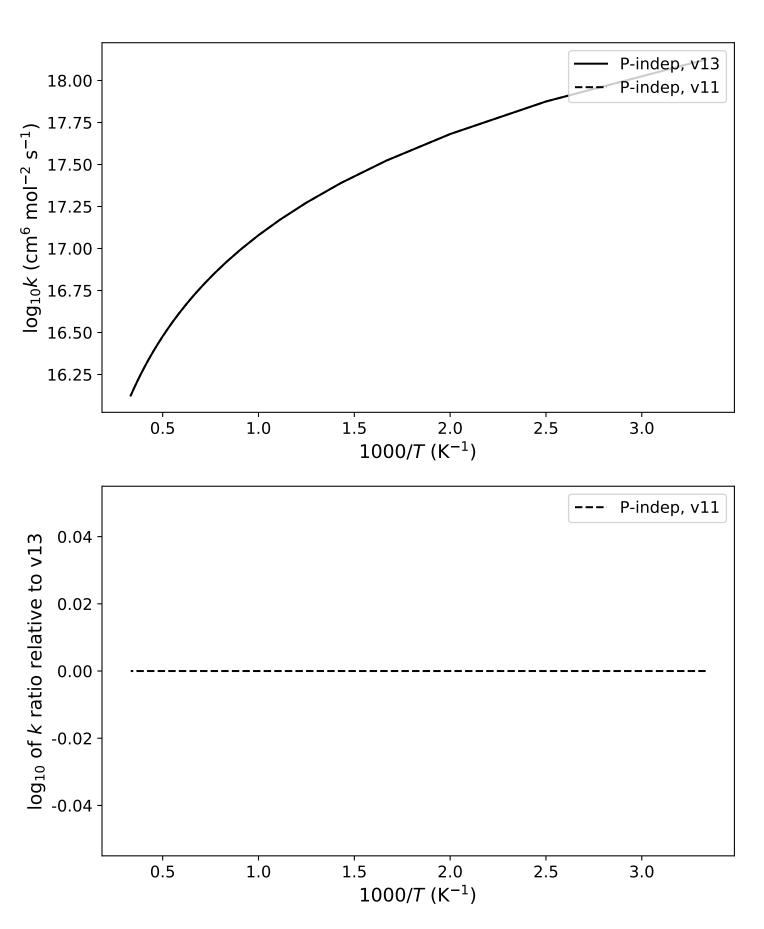
## OCHCHO+M=HCO+HCO+M



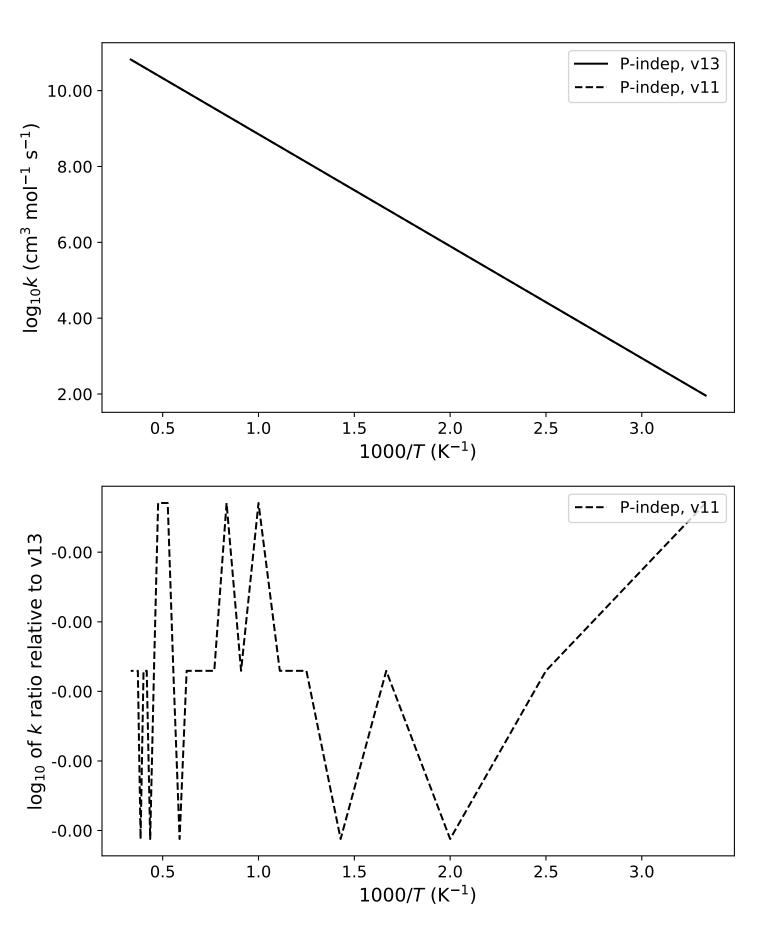
# H+O2+OH=H2O+O2



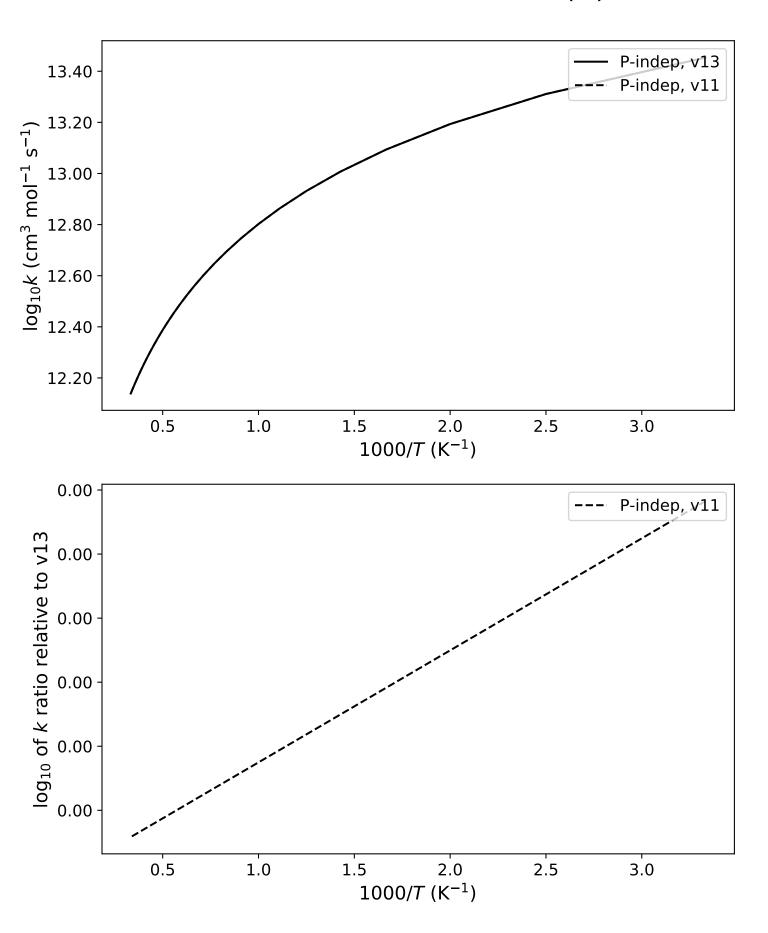
## CH+H2+M=CH3+M



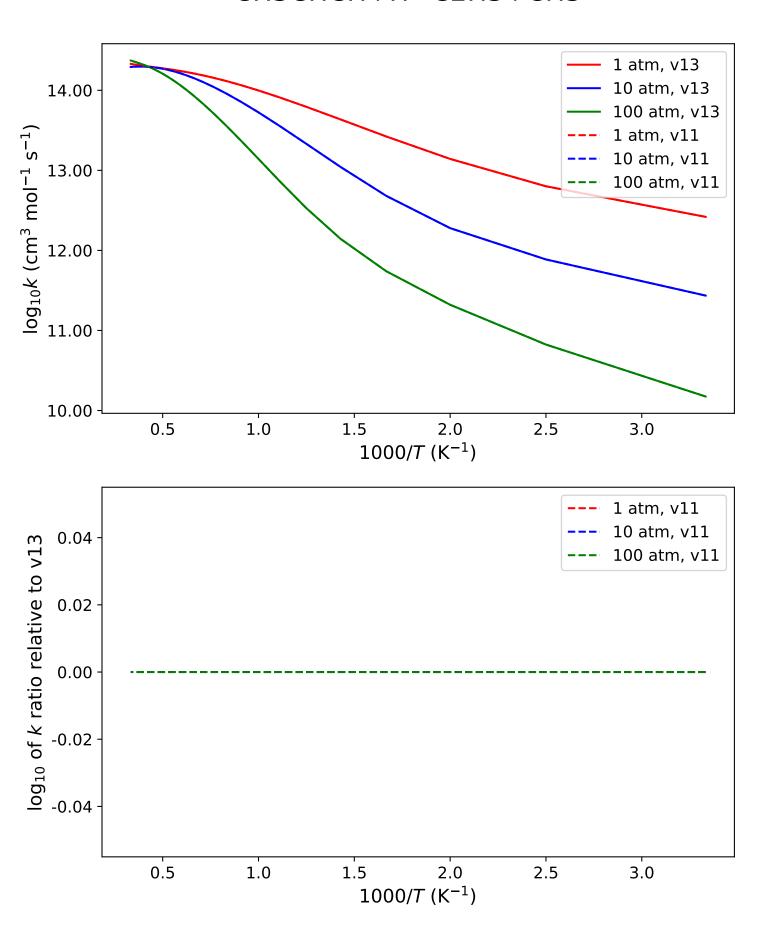
# CH3+O2=CH2O+OH



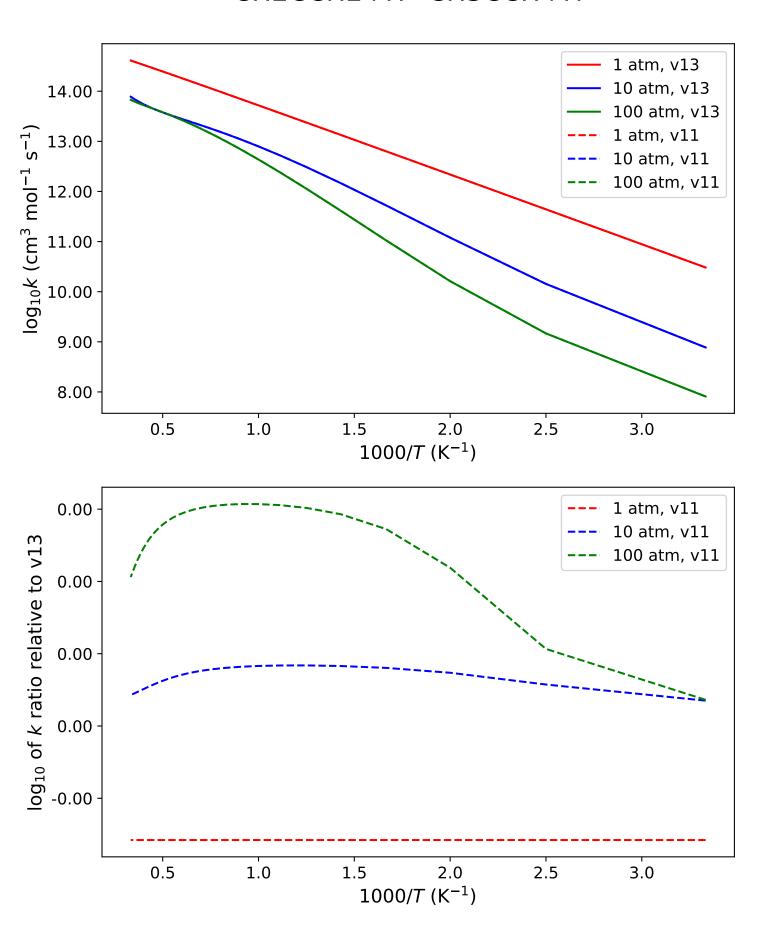
# CH3CHCH3+HO2=OH+CH3CH(O)CH3



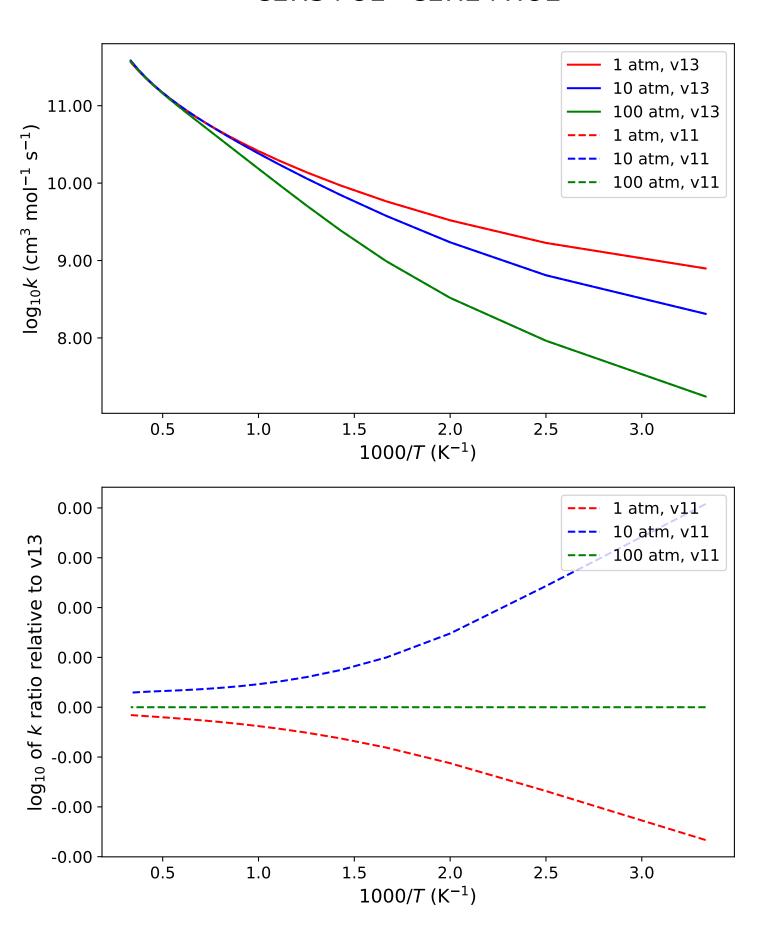
## CH3CHCH+H=C2H3+CH3



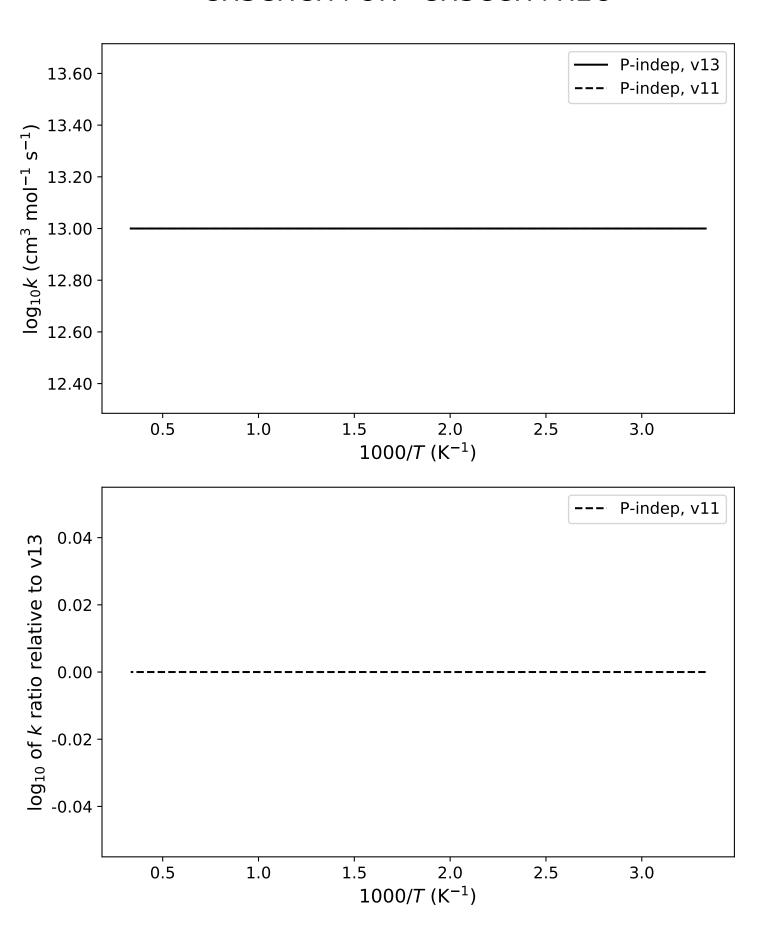
## CH2CCH2+H=CH3CCH+H



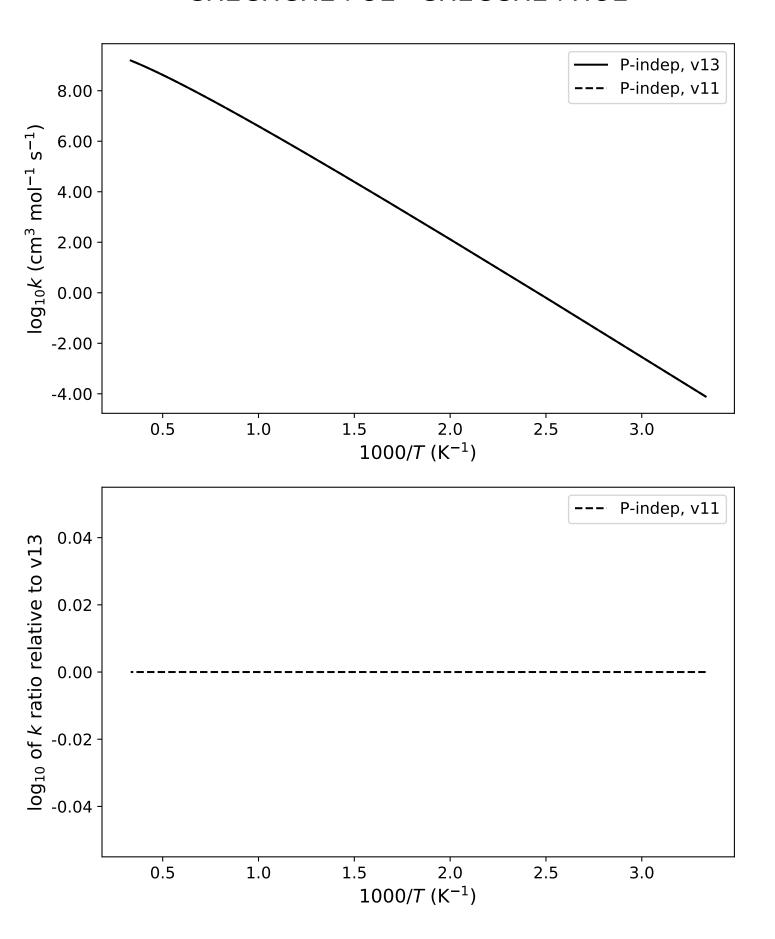
#### C2H3+O2=C2H2+HO2



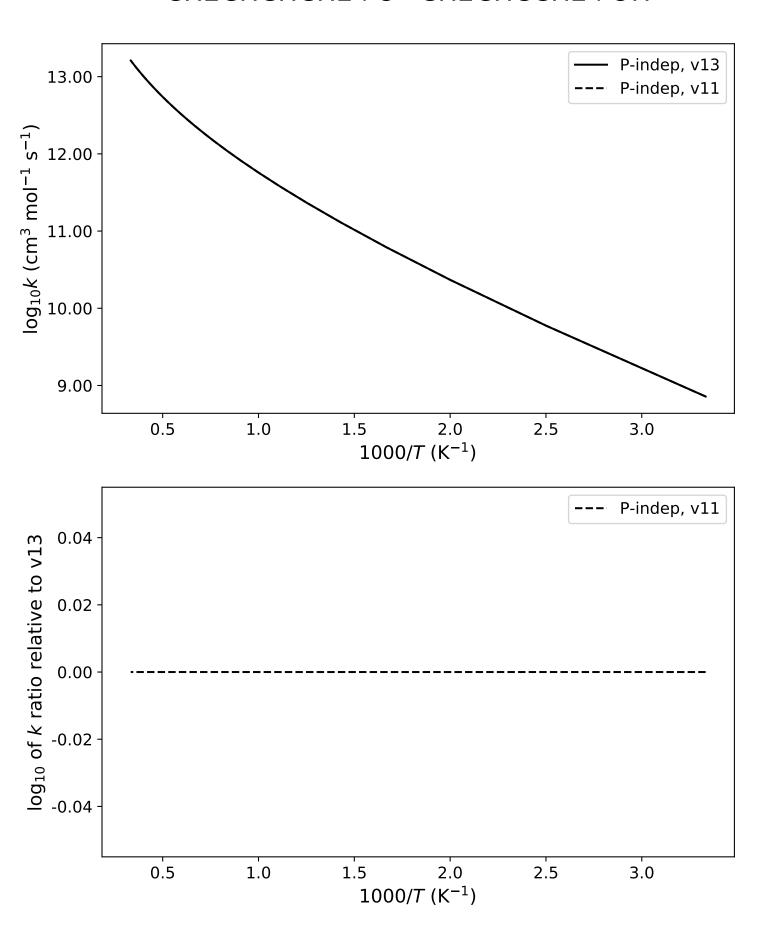
## CH3CHCH+OH=CH3CCH+H2O



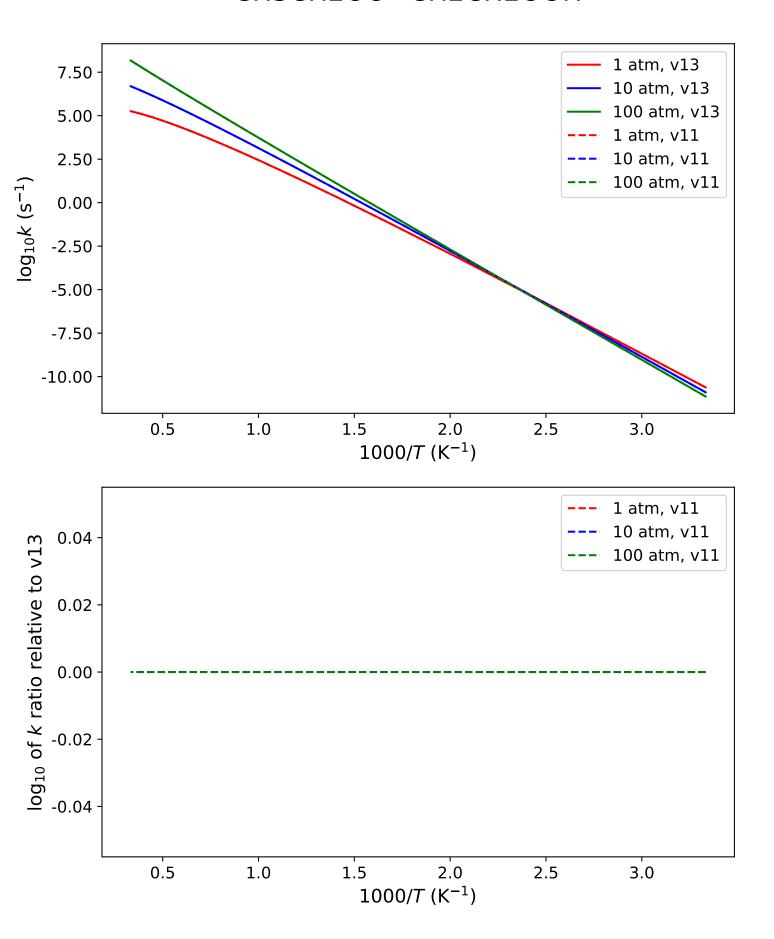
## CH2CHCH2+O2=CH2CCH2+HO2



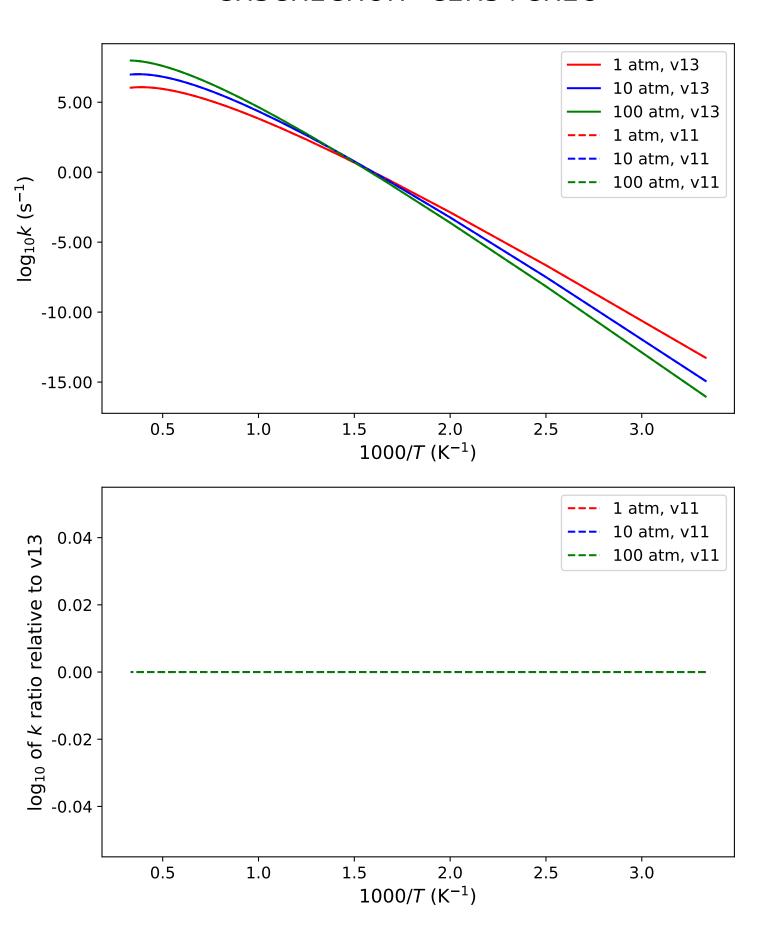
## CH2CHCH2+O=CH2CHCCH2+OH



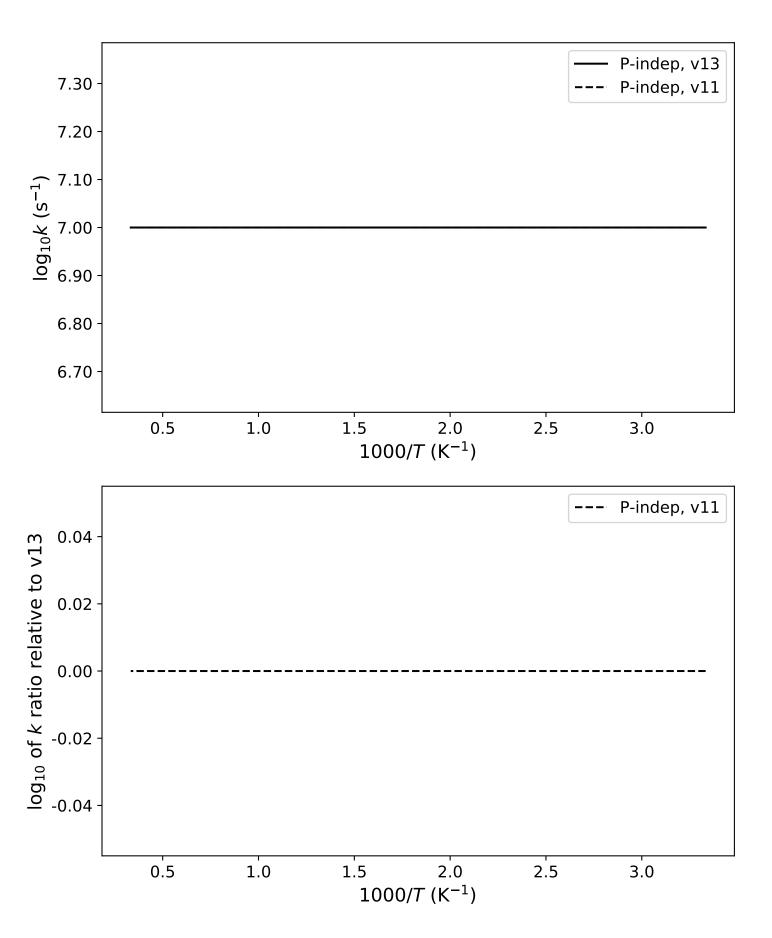
## CH3CH2OO=CH2CH2OOH



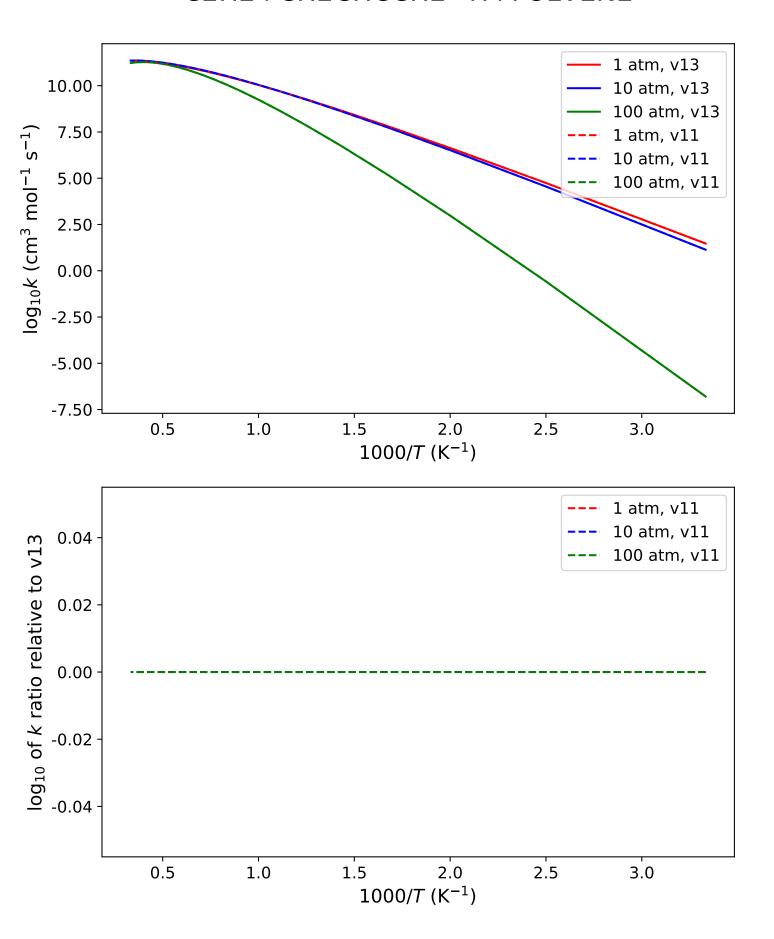
## CH3CH2CHOH=C2H5+CH2O



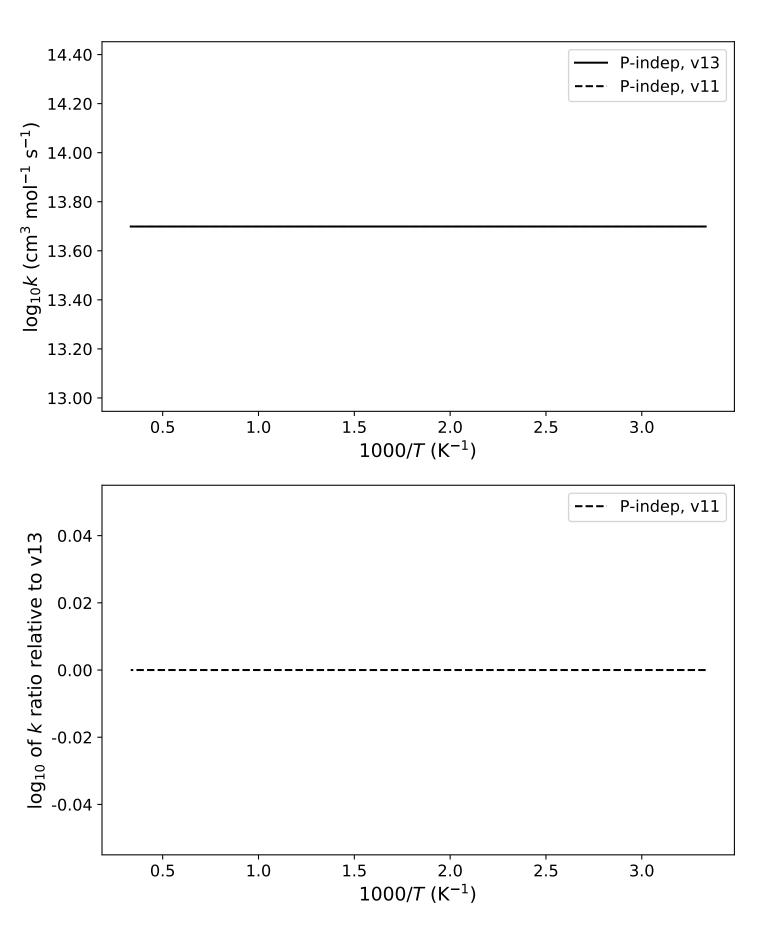
## CH2C=C2H2



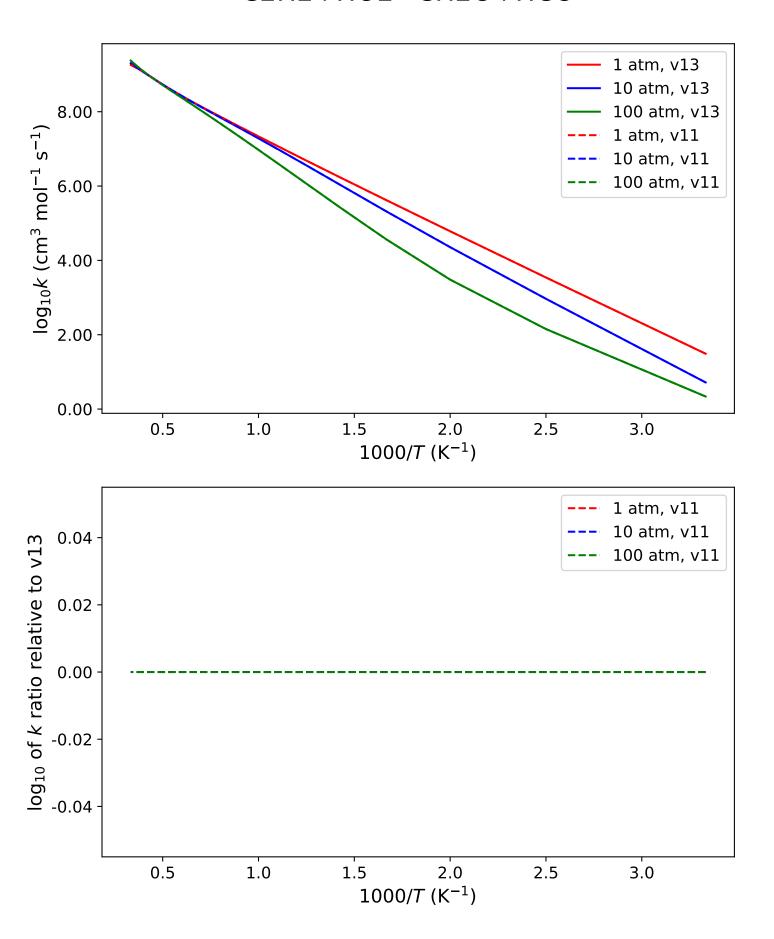
#### C2H2+CH2CHCCH2=H+FULVENE



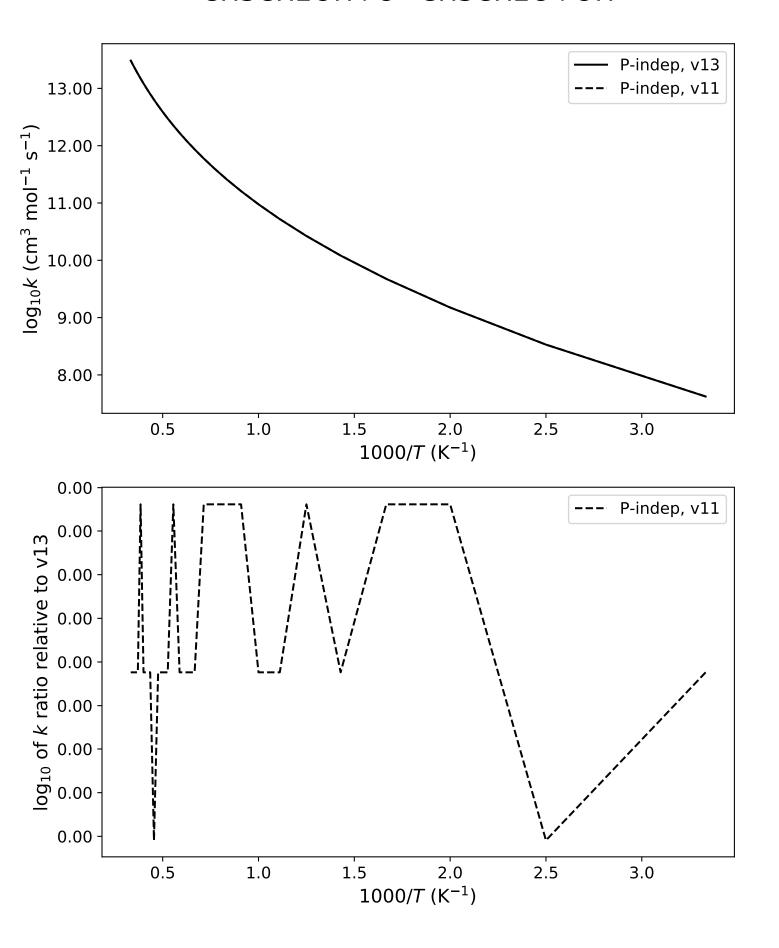
## C+CH2=C2H+H



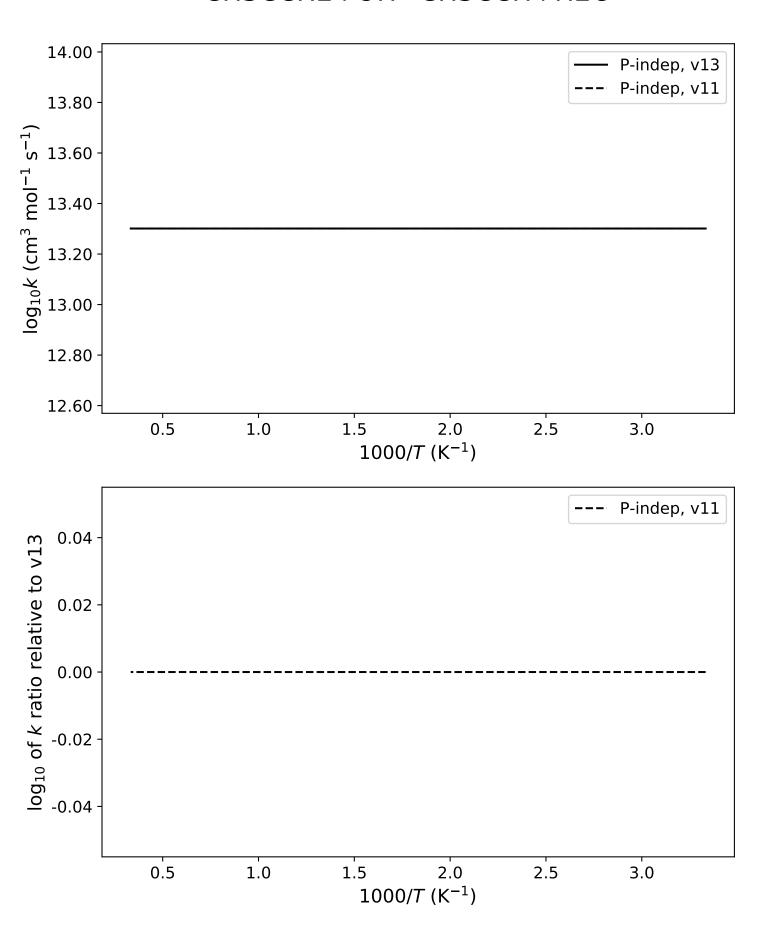
#### C2H2+HO2=CH2O+HCO



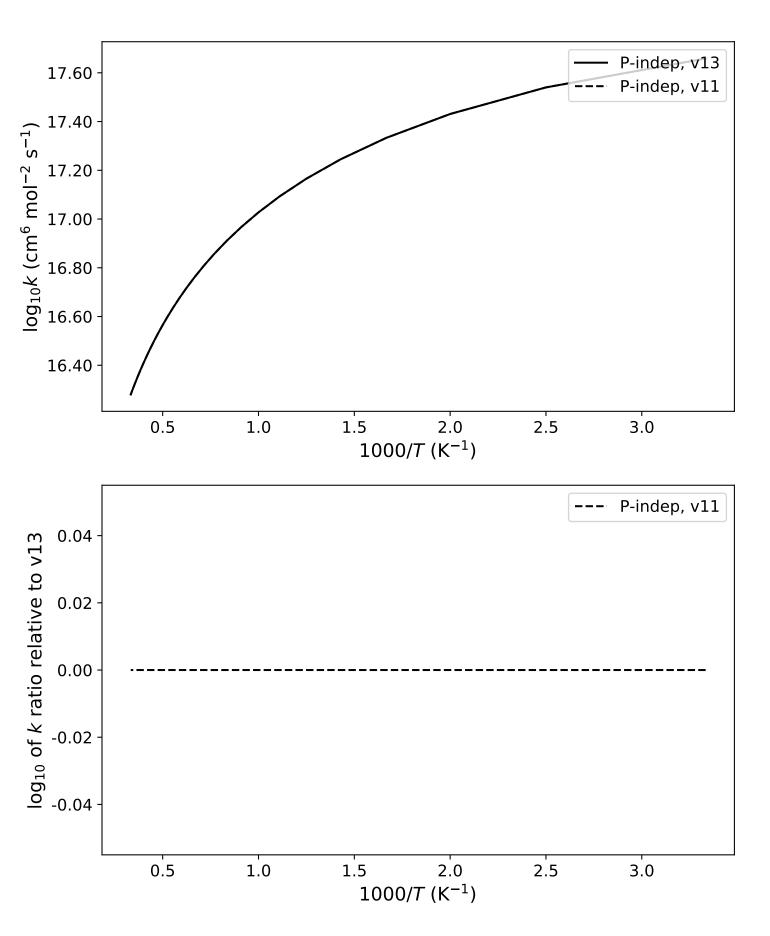
# CH3CH2OH+O=CH3CH2O+OH



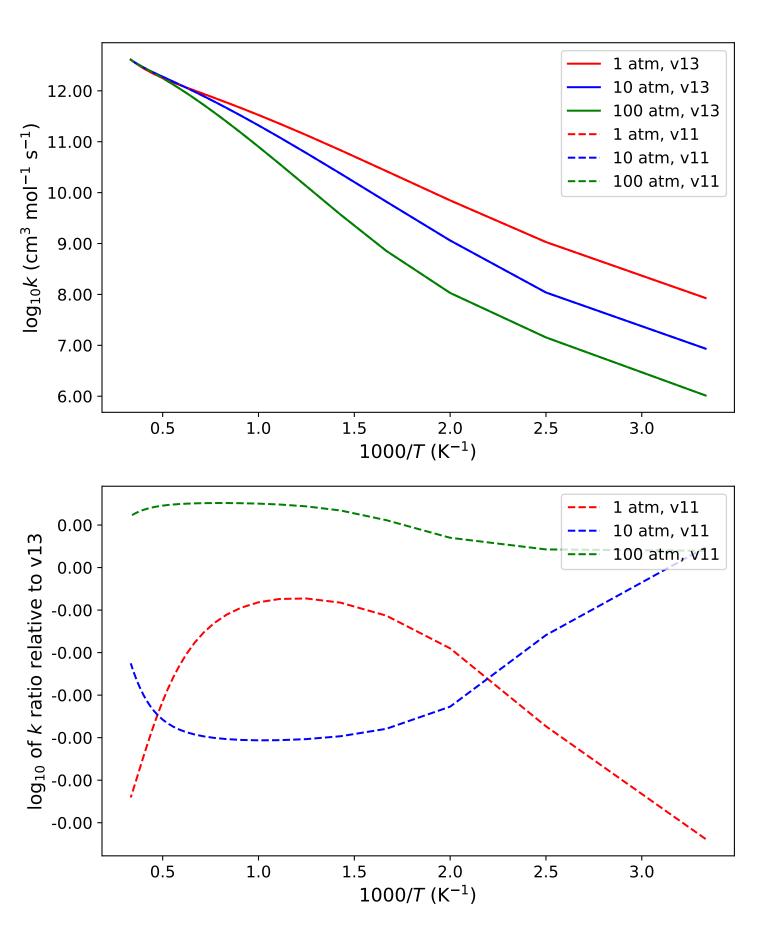
# CH3CCH2+OH=CH3CCH+H2O



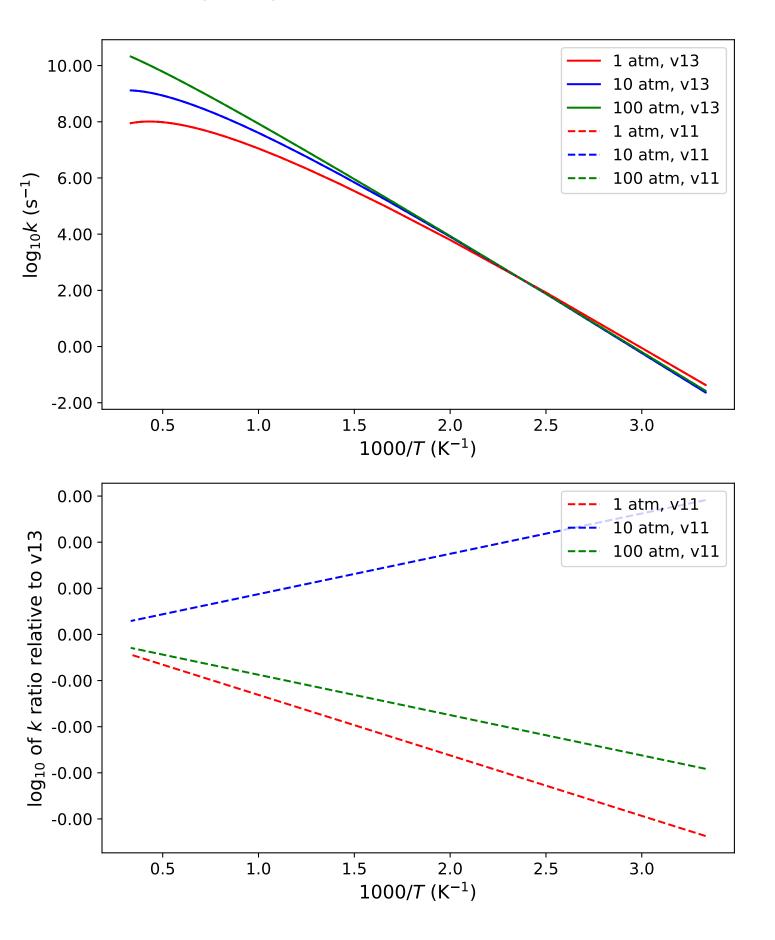
## H+O2+CH3=CH4+O2



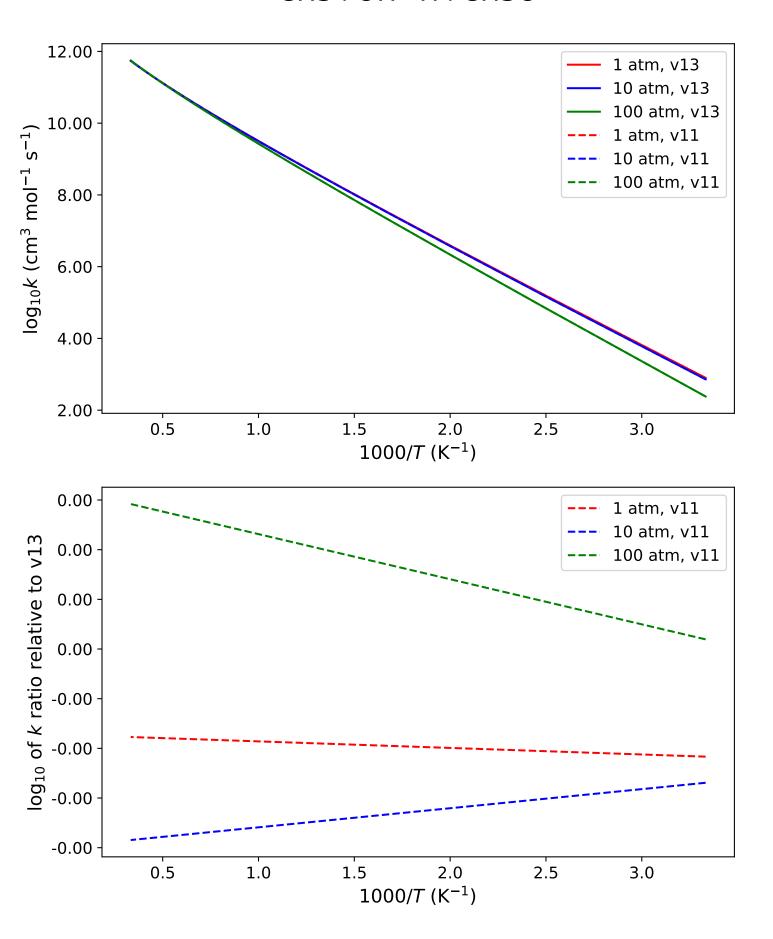
#### CH3CHCH2+OH=CH2CHOH+CH3



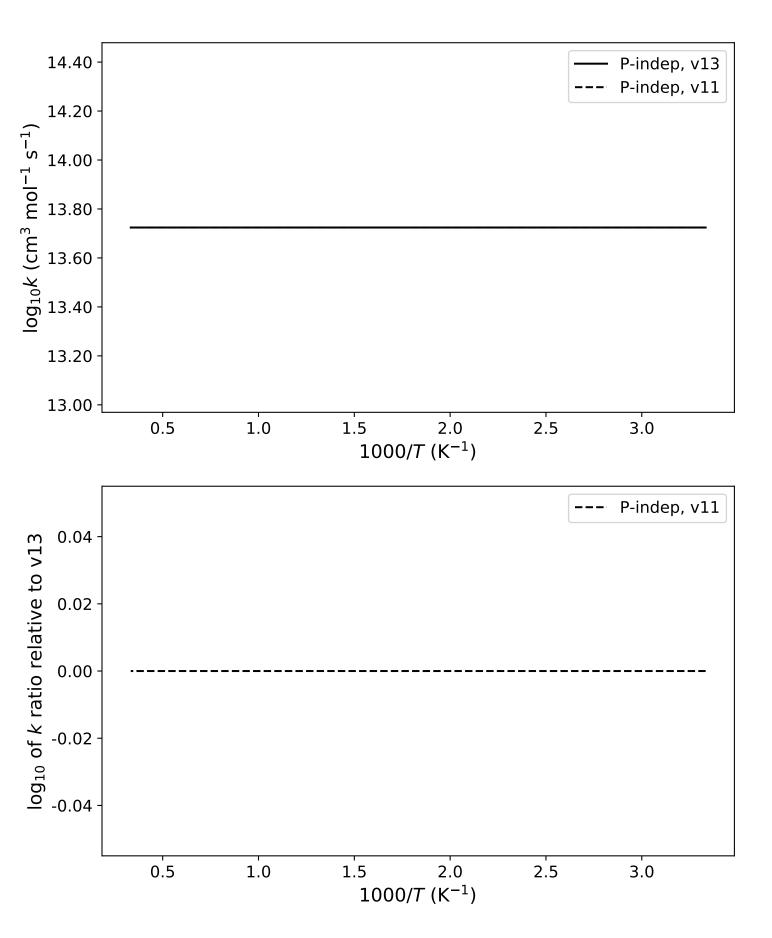
# CH2CH(OOH)CH2OOH=HO2+CH2CHCH2OOH



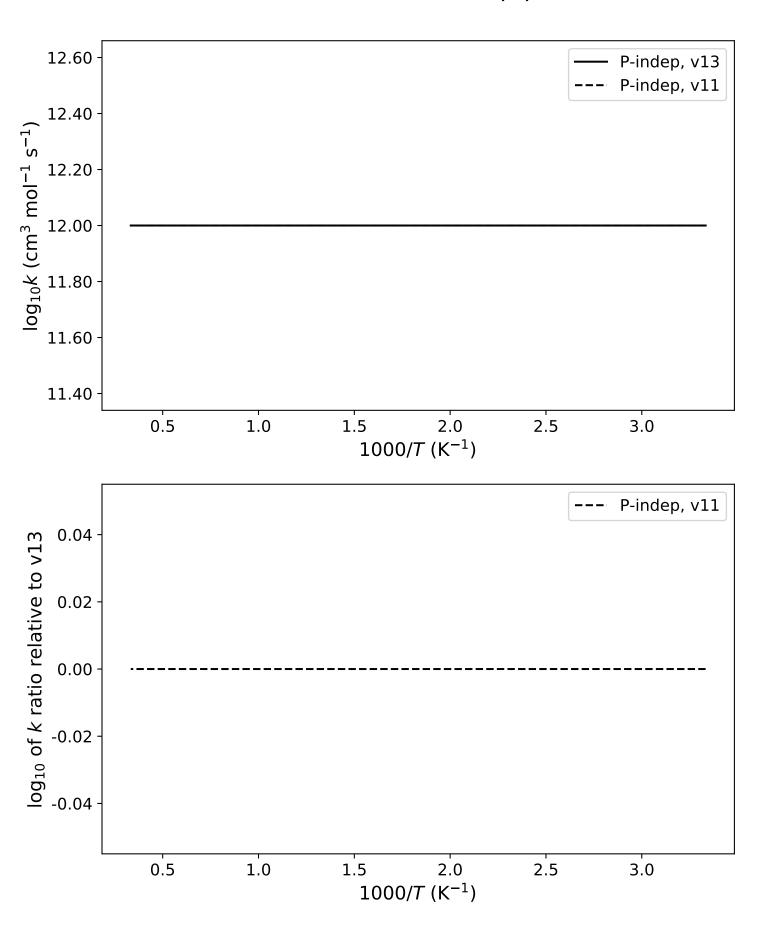
### CH3+OH=H+CH3O



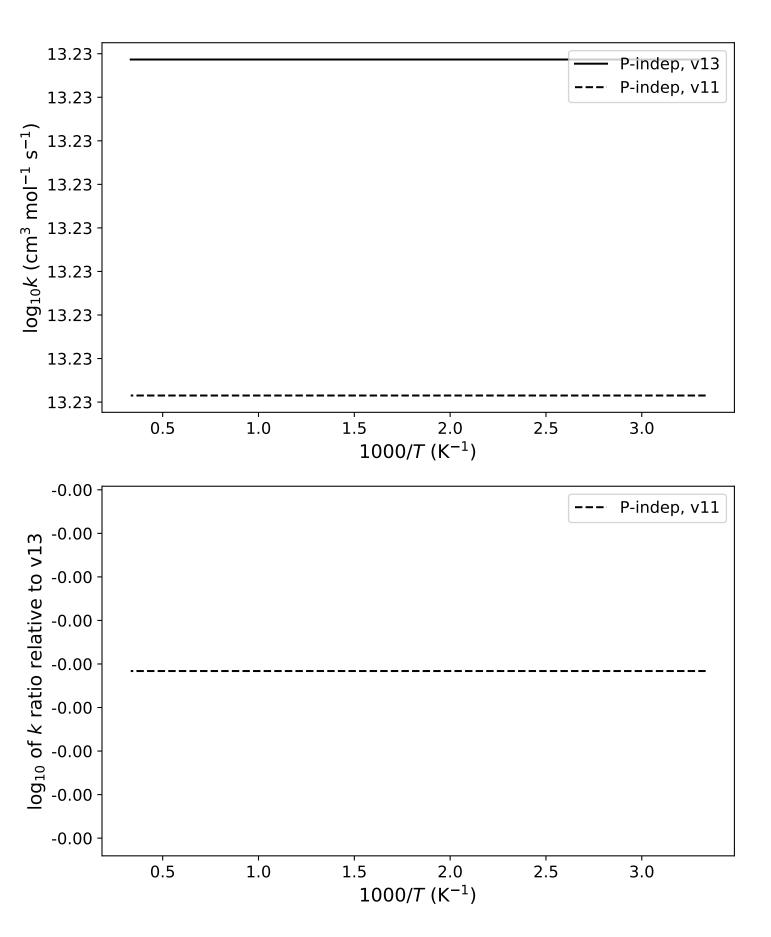
### C2H5+O=CH3CHO+H



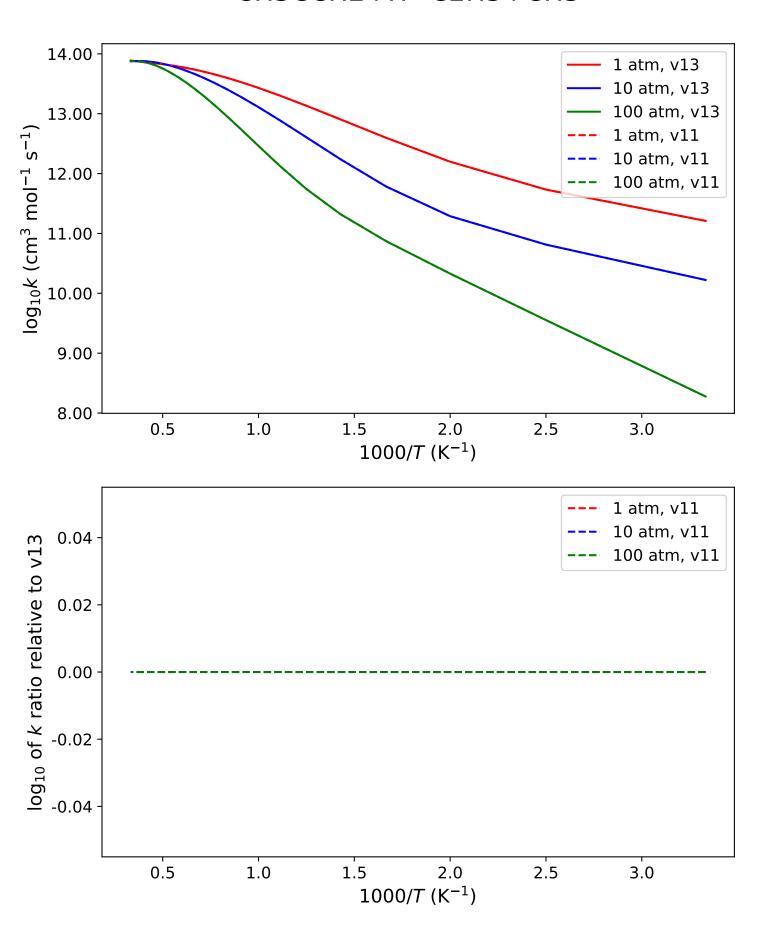
# CH2CCH+OH=CHCCH(S)+H2O



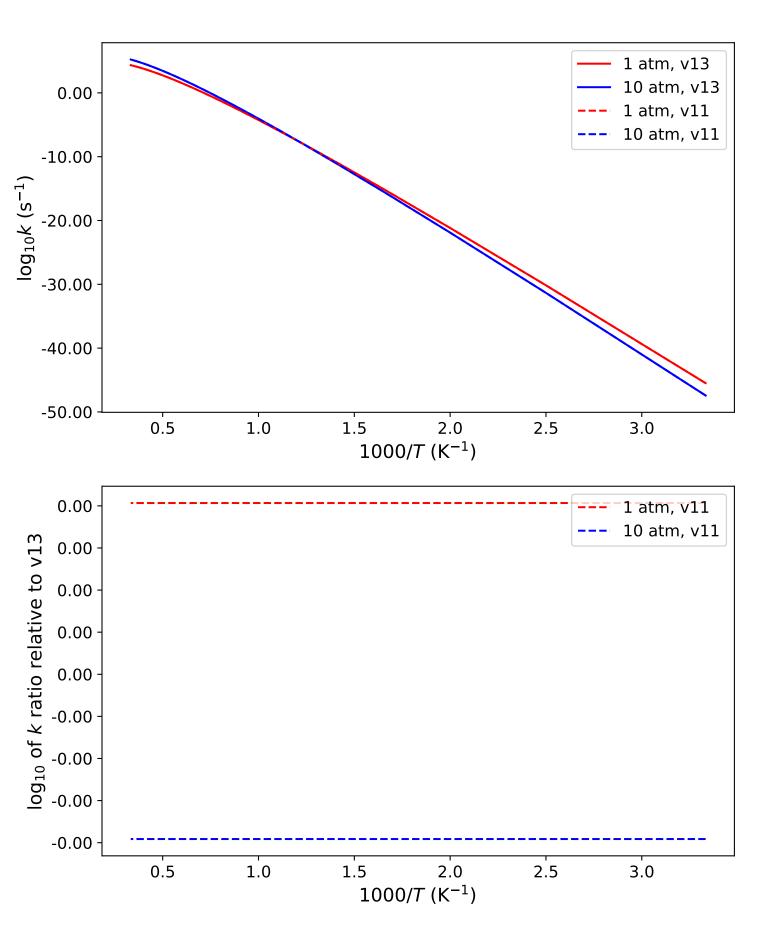
### CH+O2=HCO+O



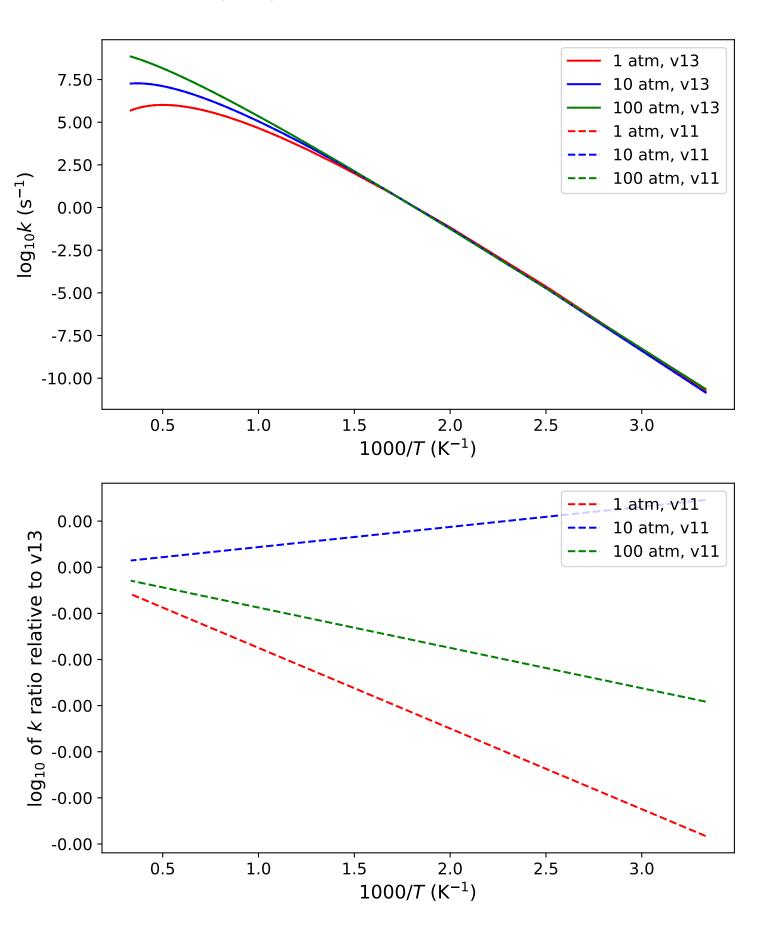
### CH3CCH2+H=C2H3+CH3



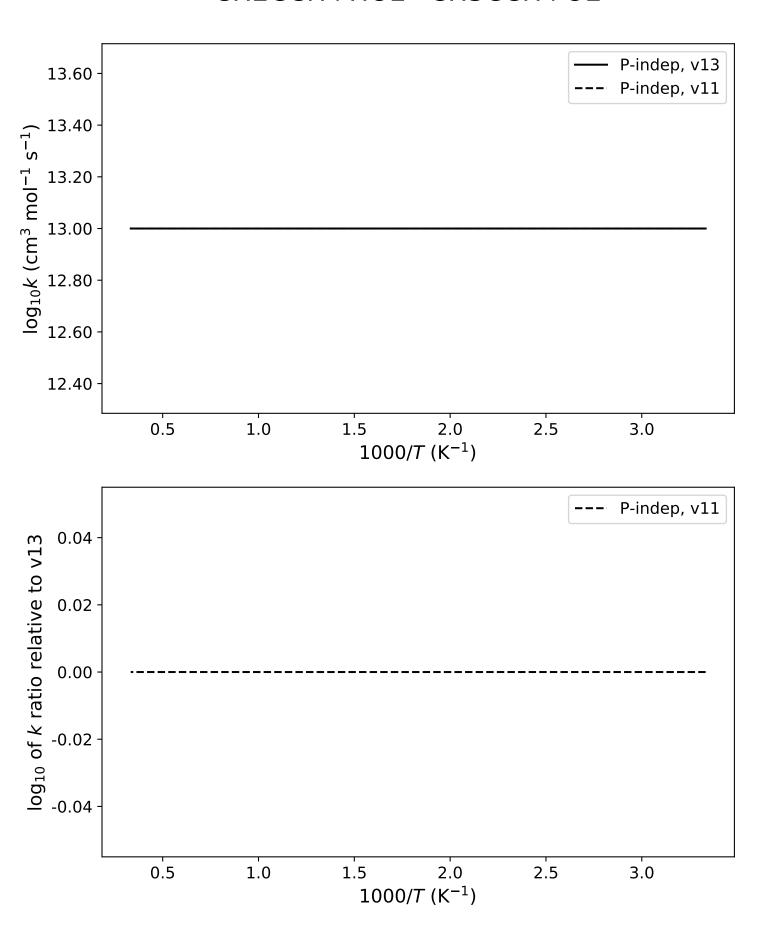
### CH3CHO=CH2CO+H2



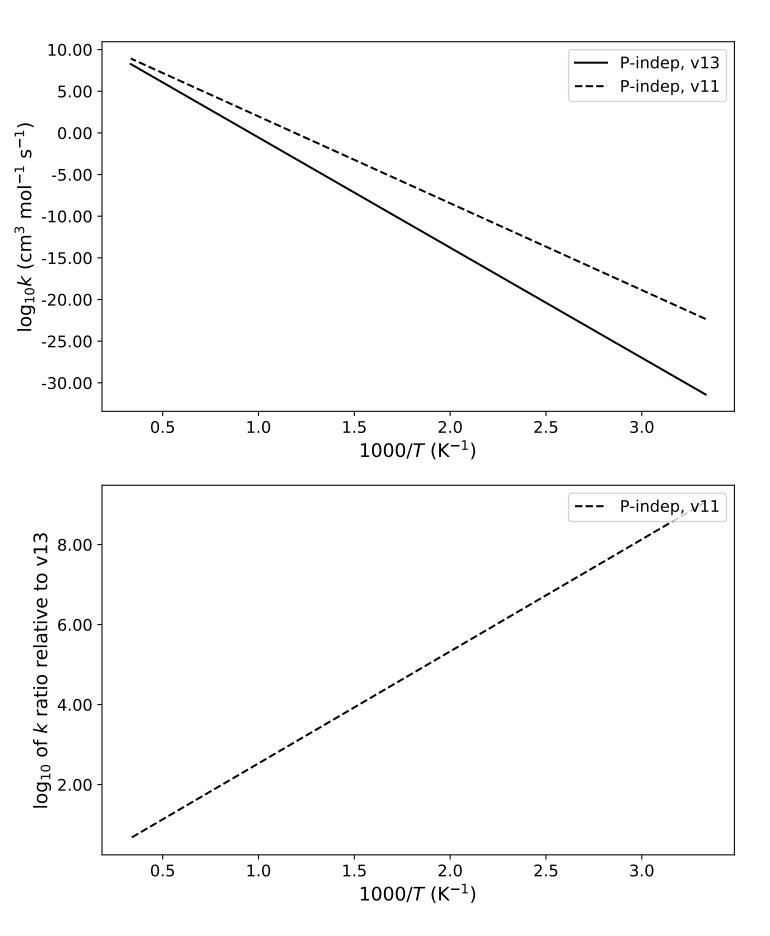
# CH3CH(OO)CH2OOH=HO2+CH3CHCHOOH



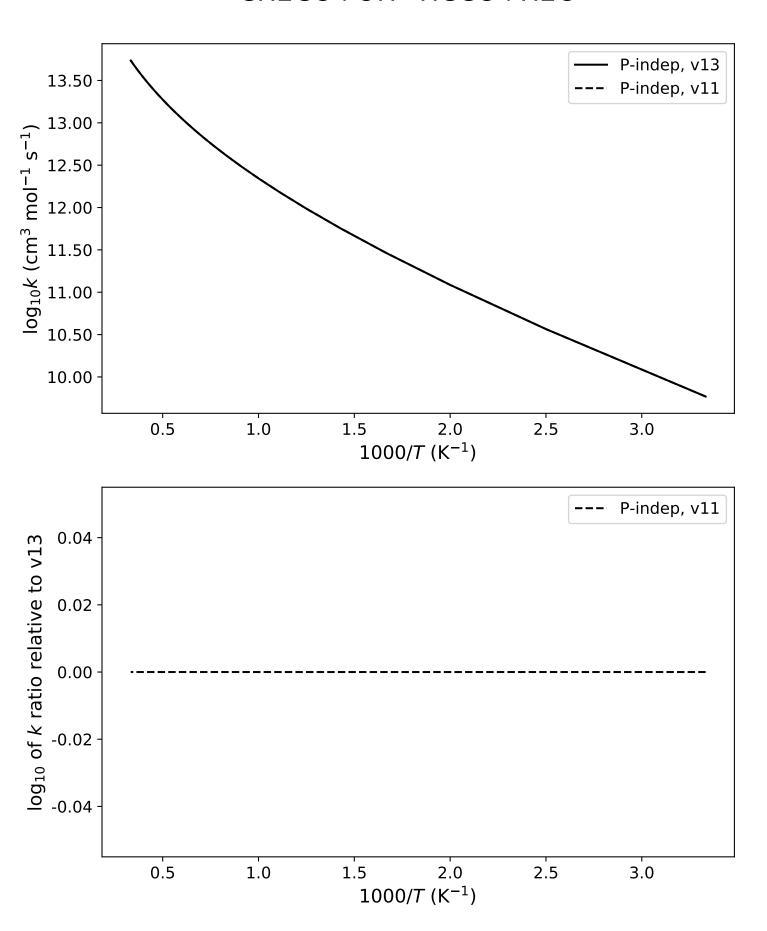
### CH2CCH+HO2=CH3CCH+O2



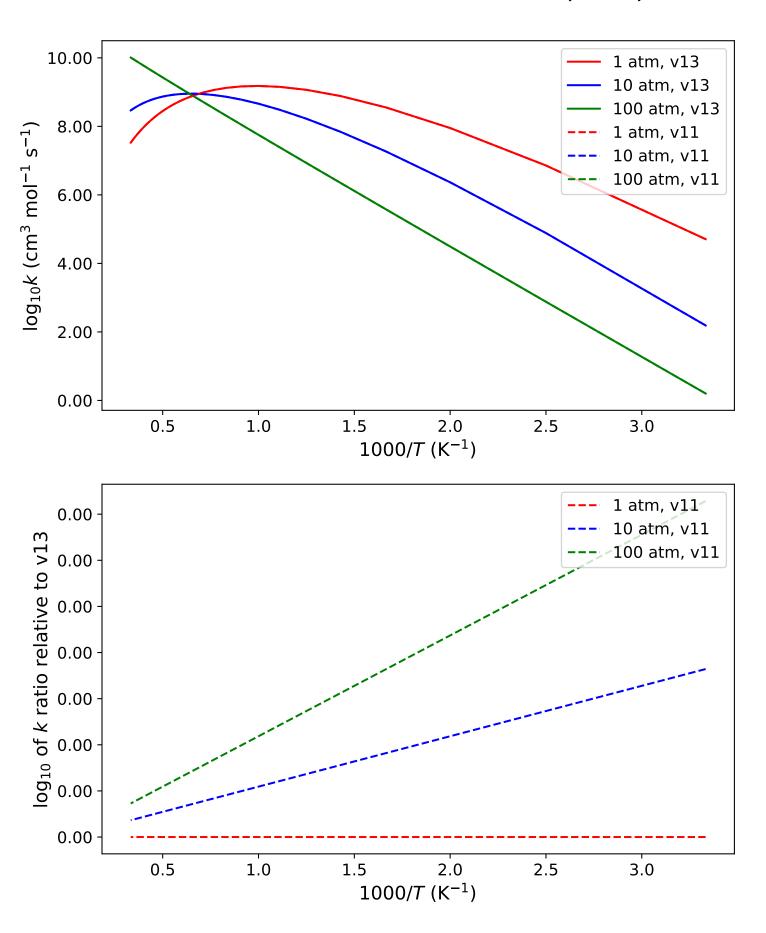
### CO+O2=CO2+O



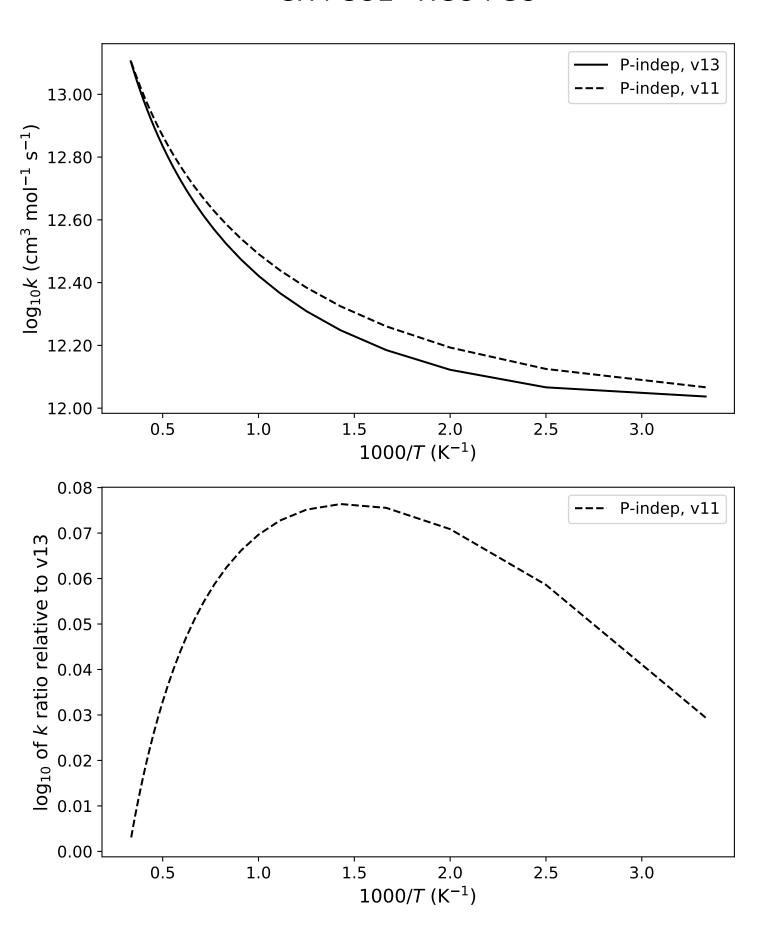
### CH2CO+OH=HCCO+H2O



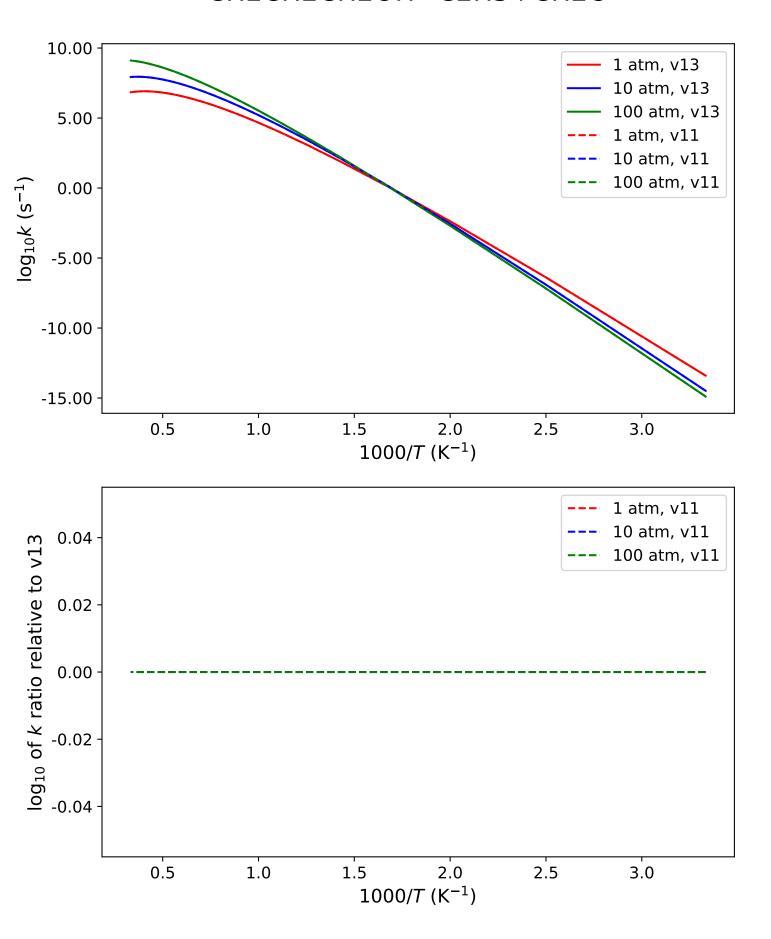
#### O2+CH3CHCH2OOH=O2+CH3CH(OOH)CH2



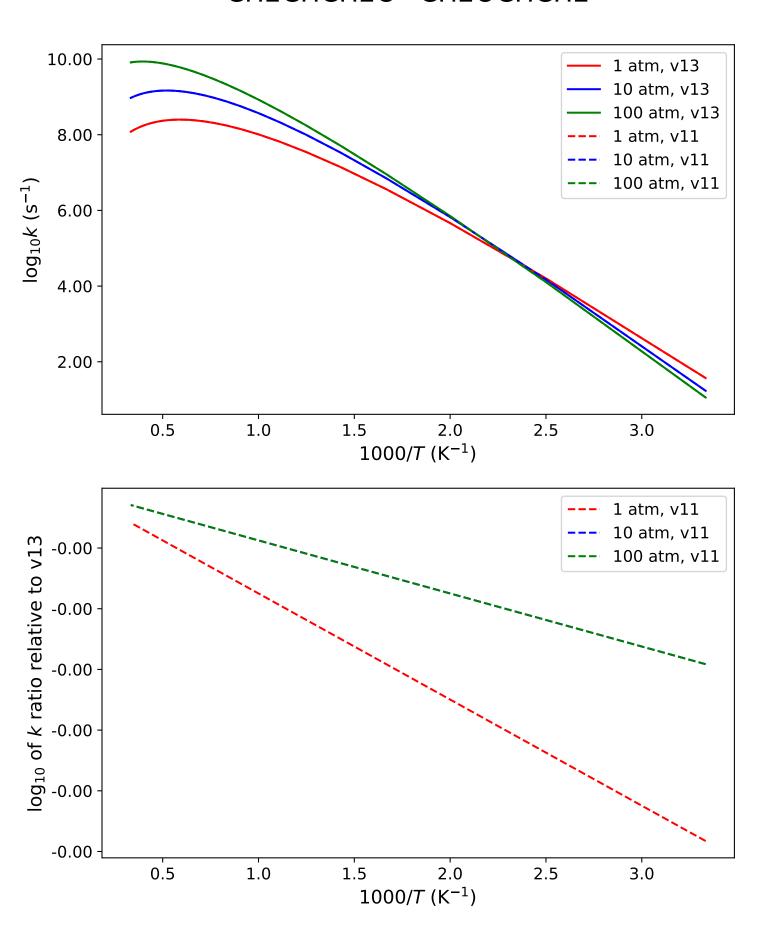
# CH+CO2=HCO+CO



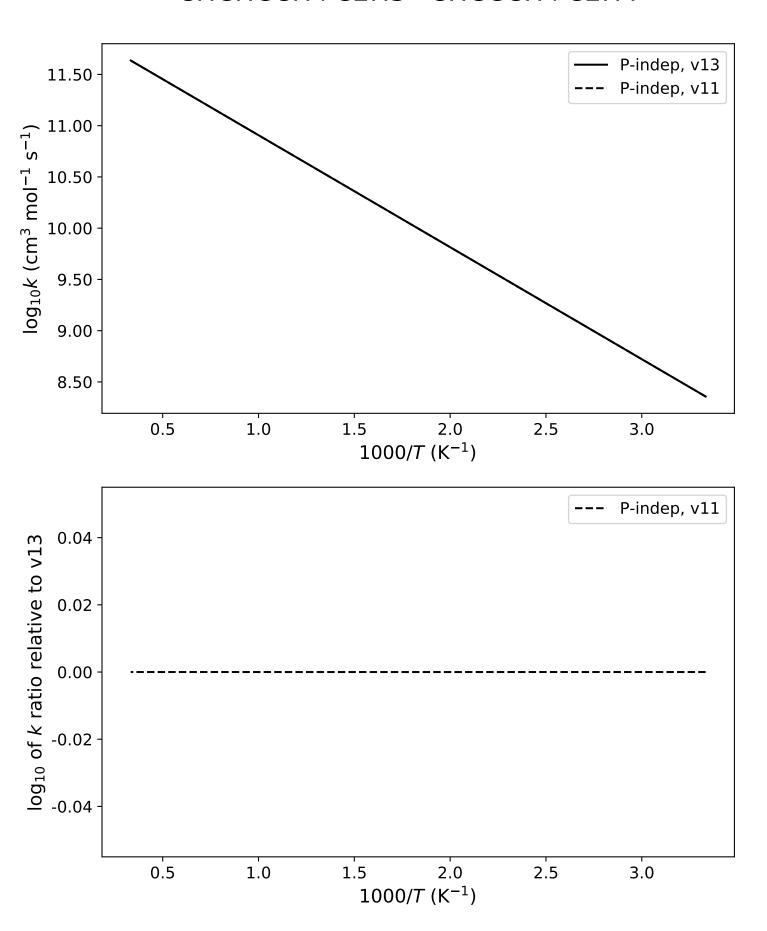
#### CH2CH2CH2OH=C2H5+CH2O



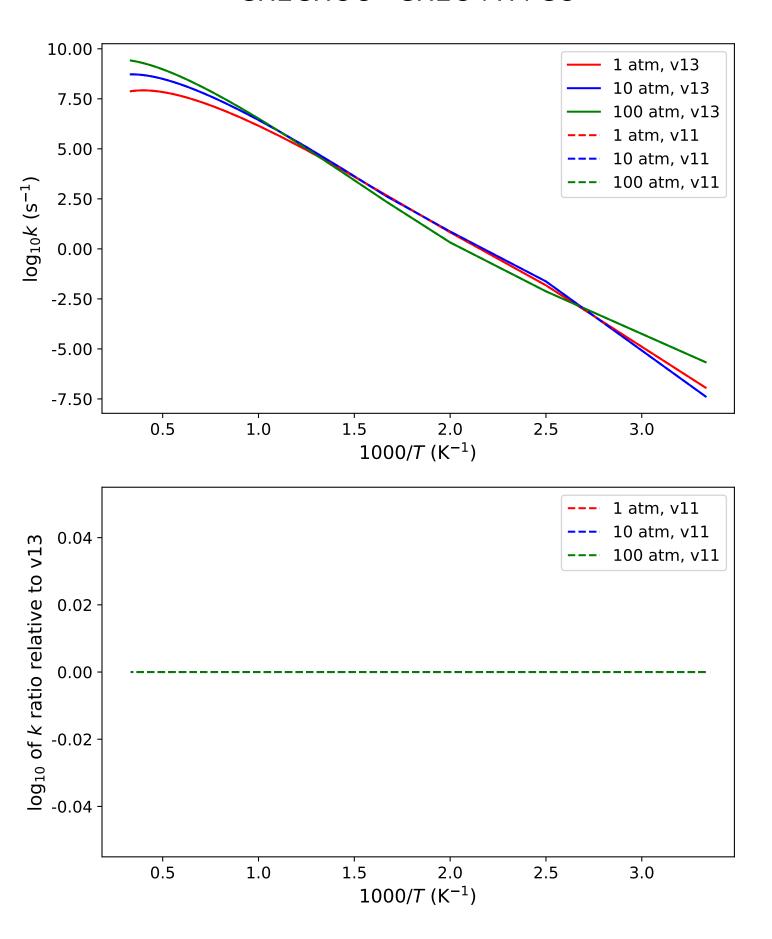
### CH2CHCH2O=CH2OCHCH2



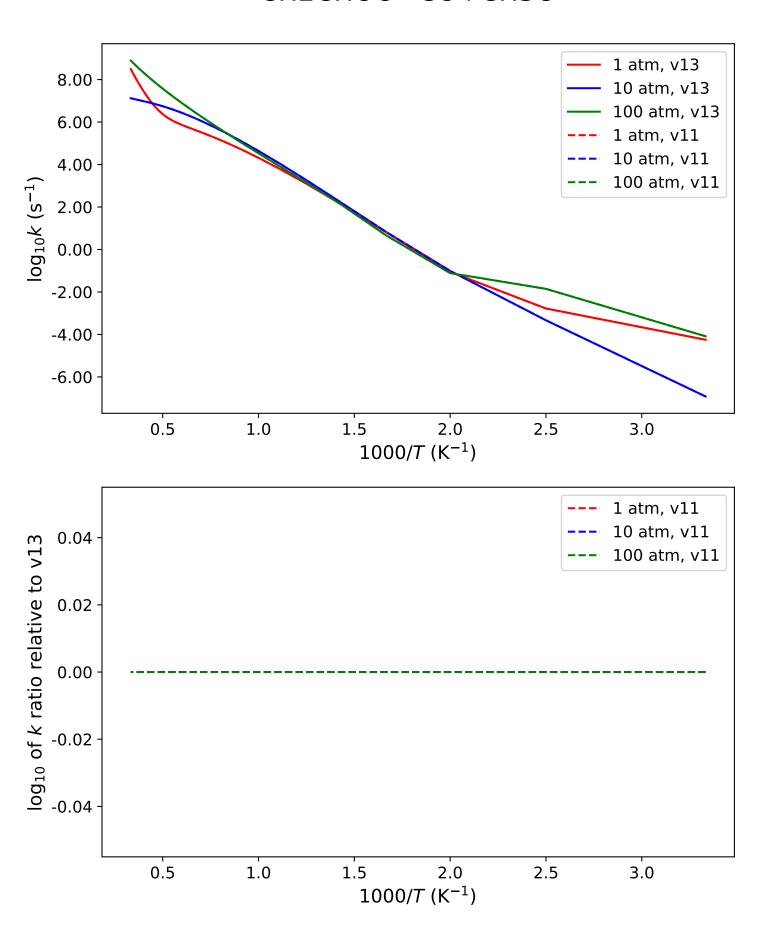
### CHCHCCH+C2H3=CHCCCH+C2H4



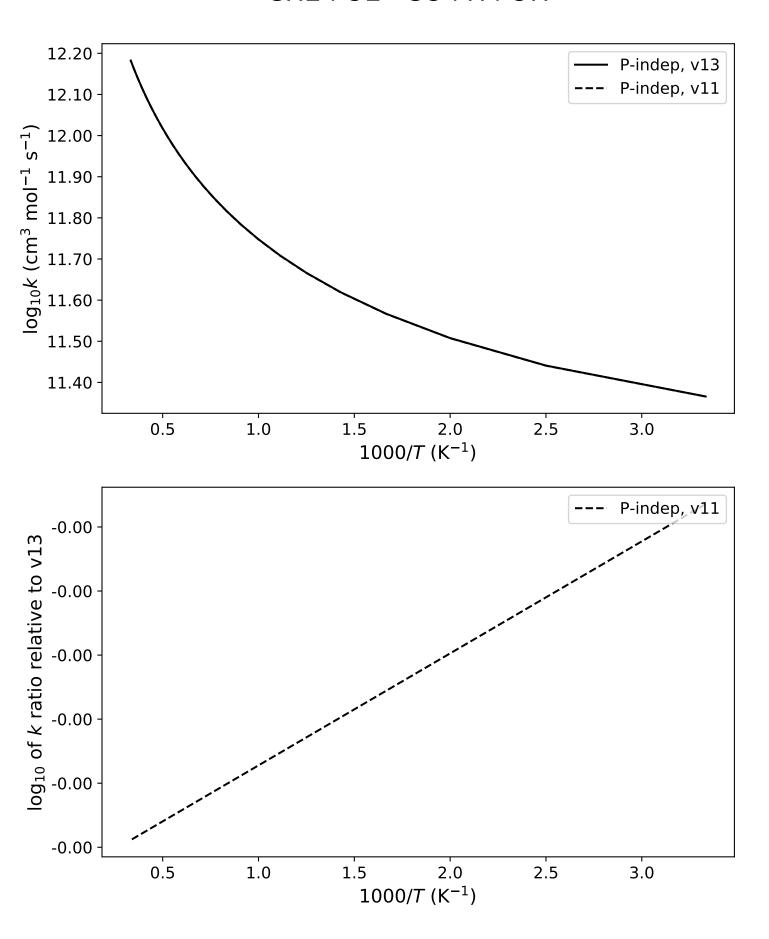
### CH2CHOO=CH2O+H+CO



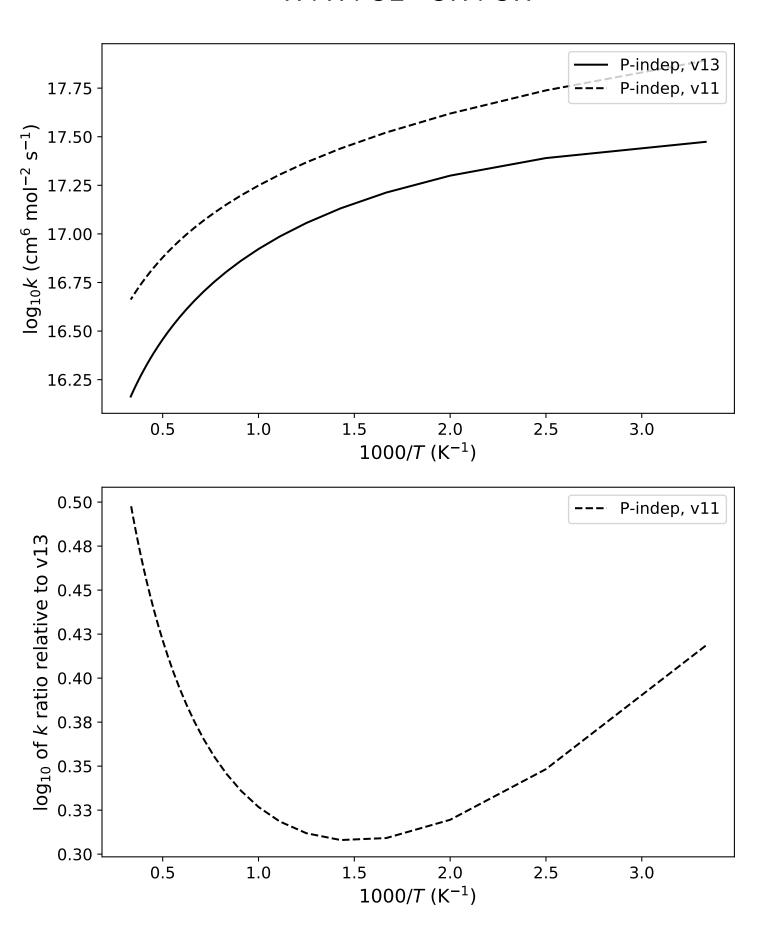
# CH2CHOO=CO+CH3O



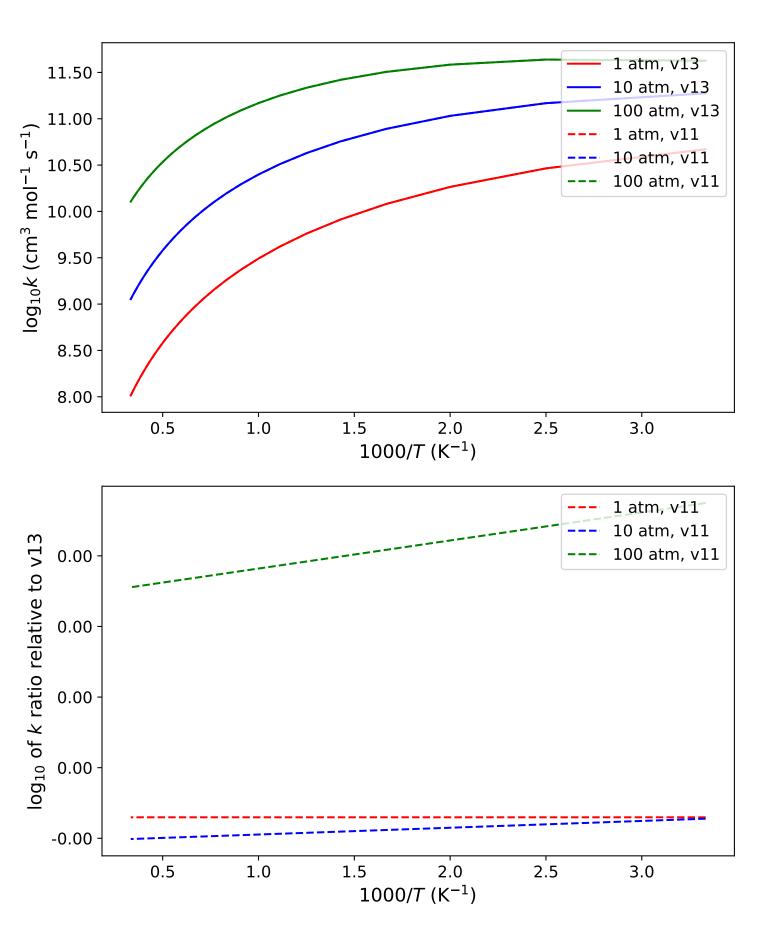
### CH2+O2=CO+H+OH



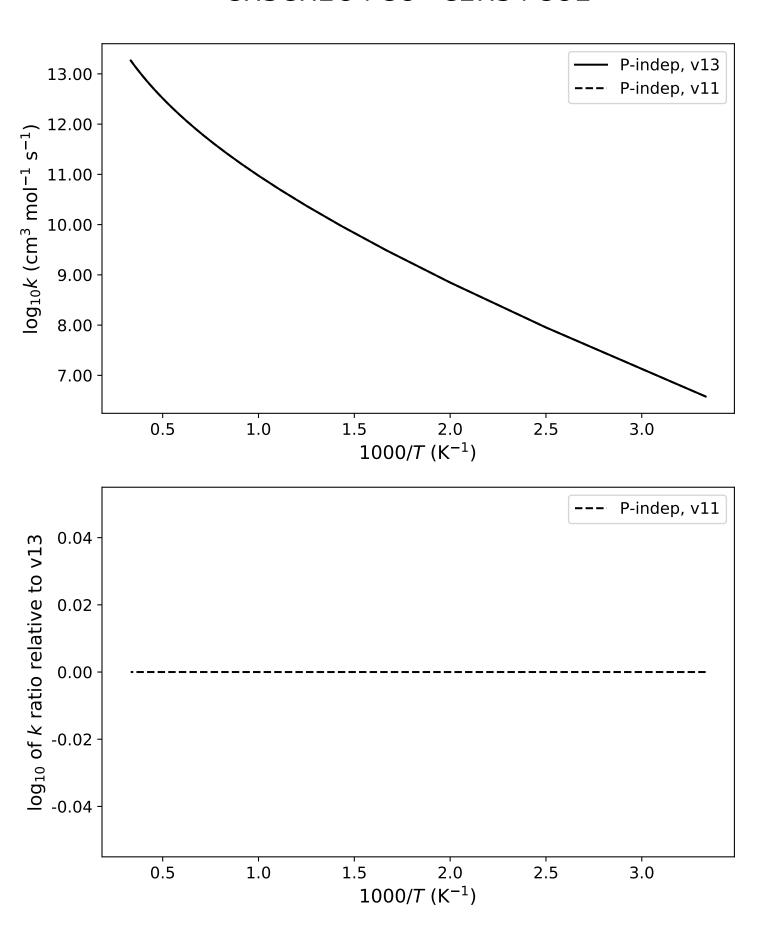
# H+H+O2=OH+OH



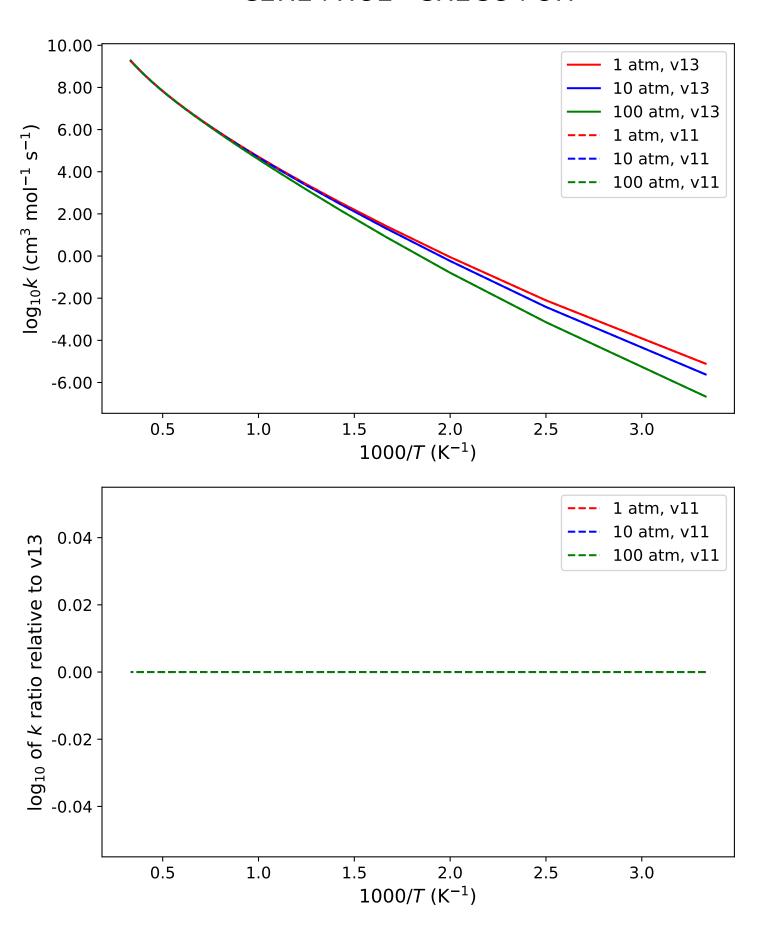
### CO+OH=OCOH



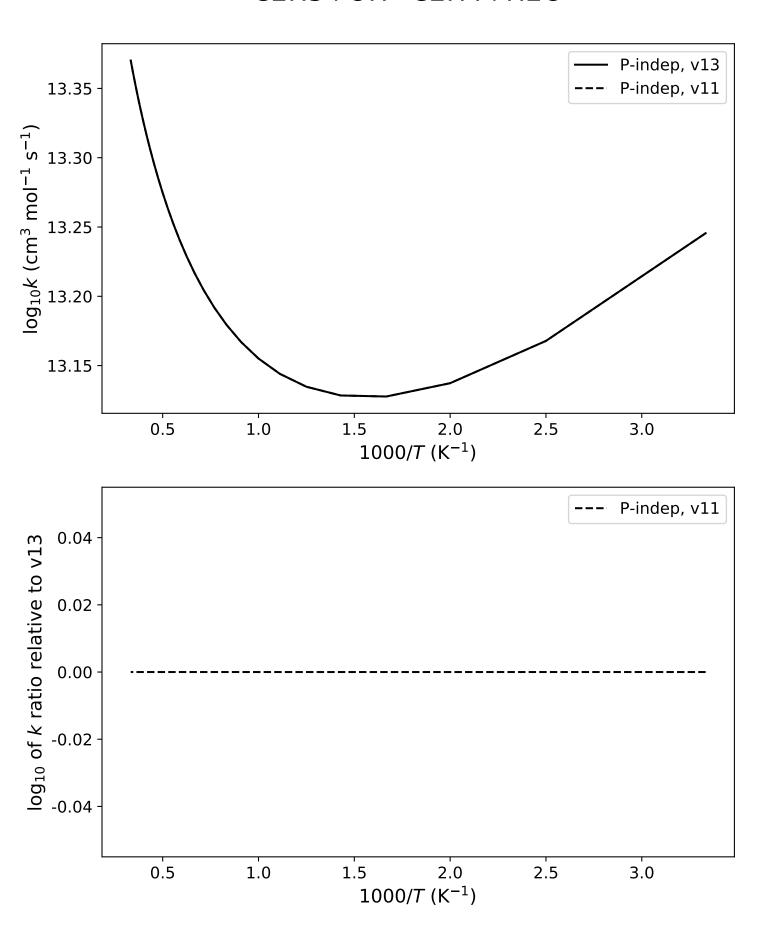
### CH3CH2O+CO=C2H5+CO2



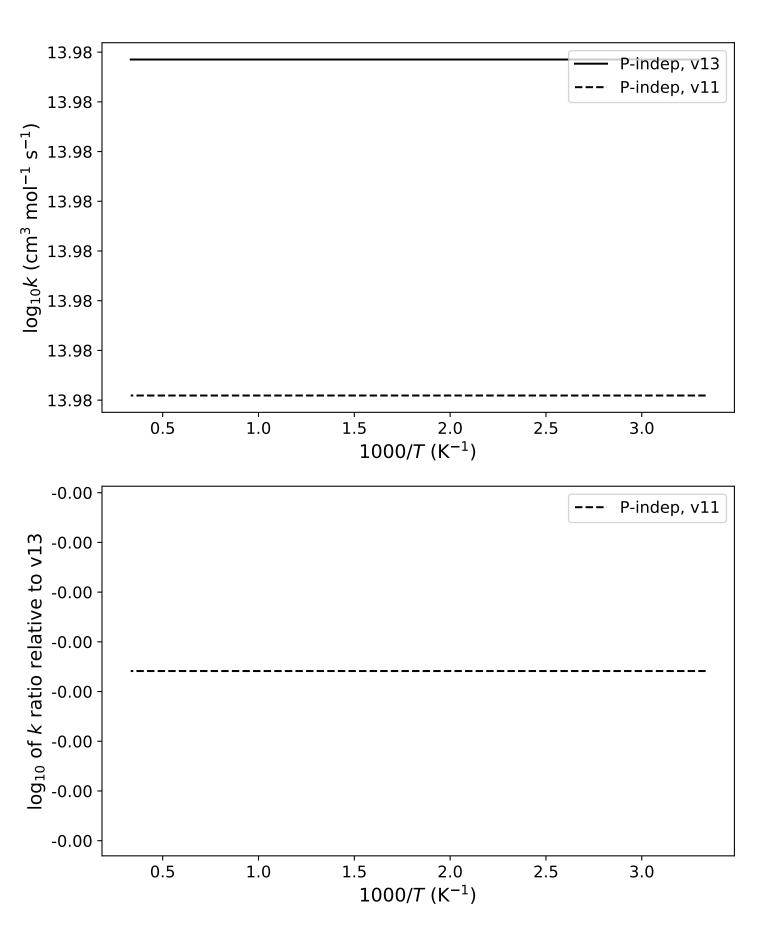
#### C2H2+HO2=CH2CO+OH



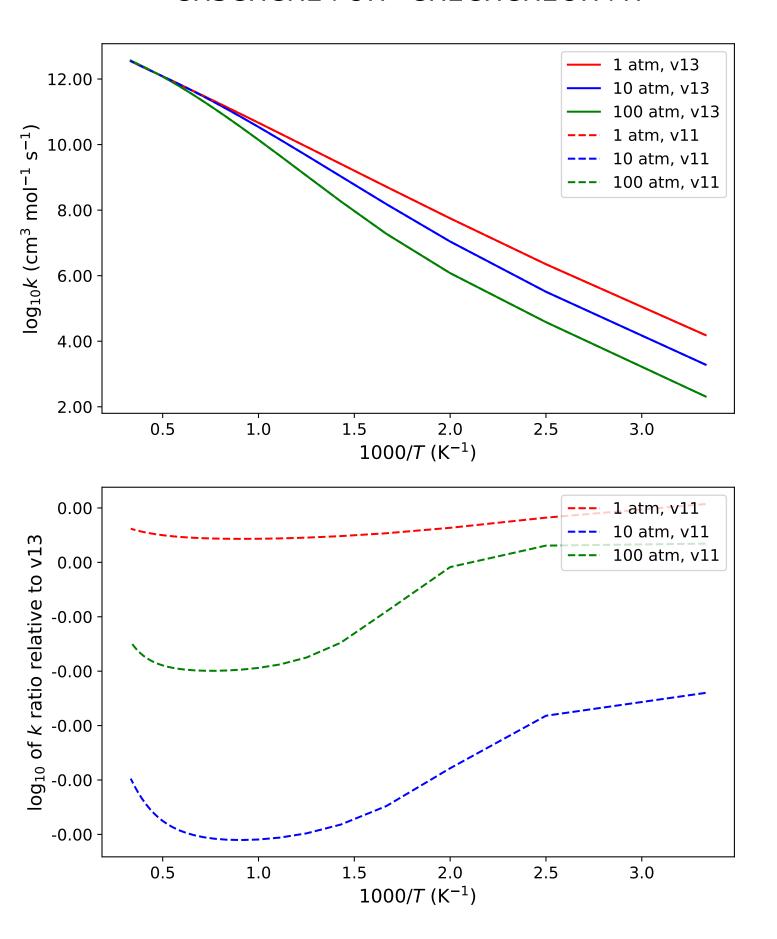
# C2H5+OH=C2H4+H2O



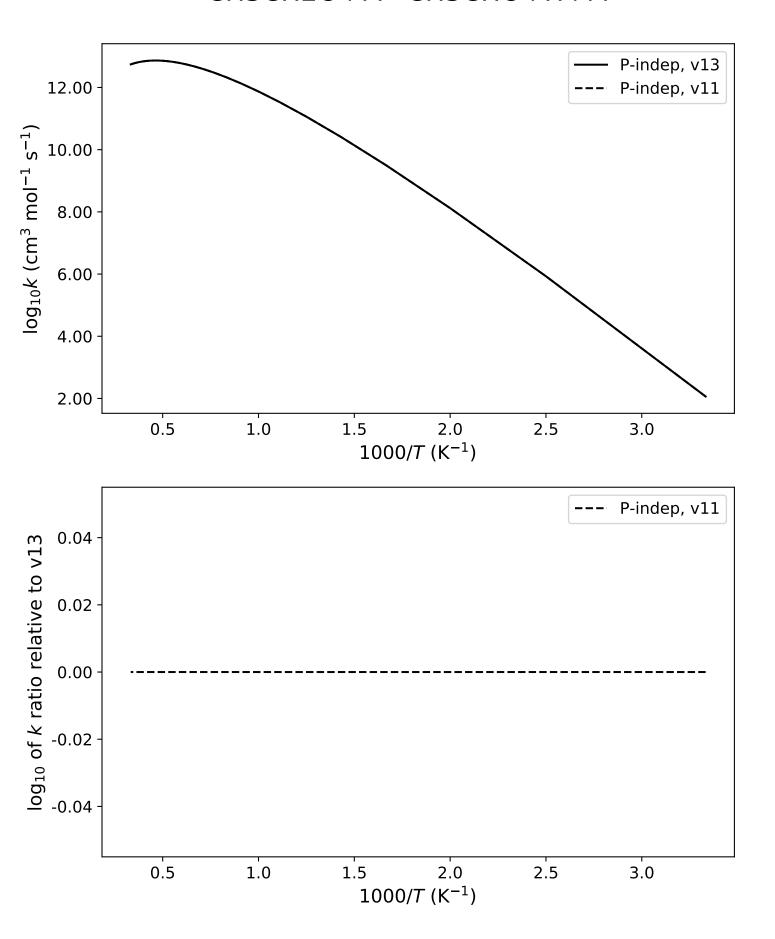
# HCCO+O=H+CO+CO



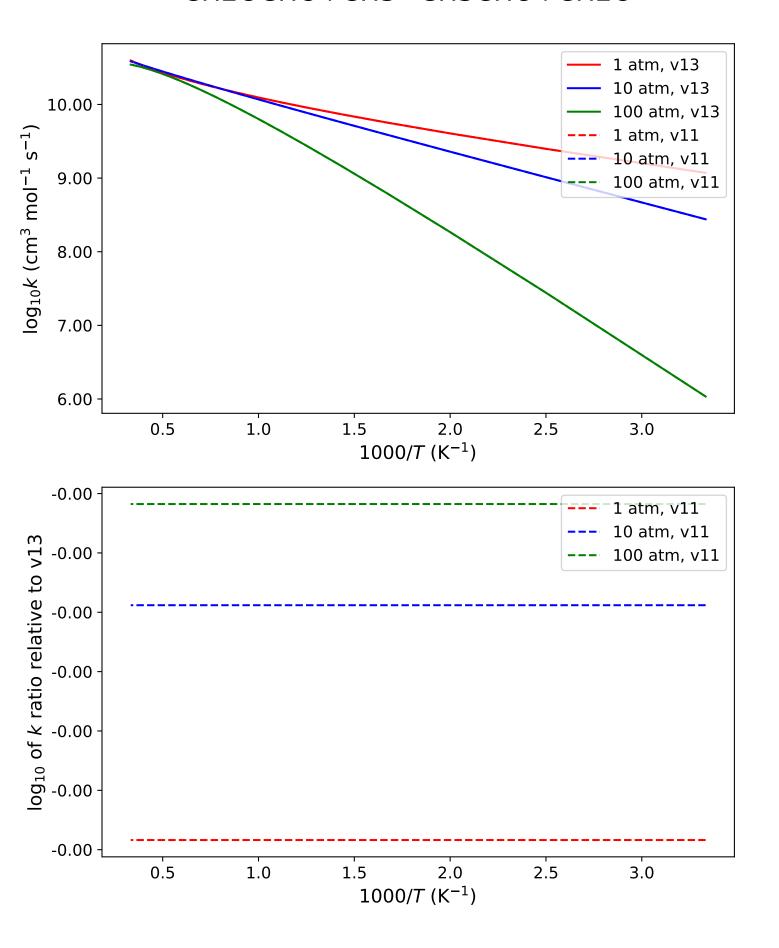
### CH3CHCH2+OH=CH2CHCH2OH+H



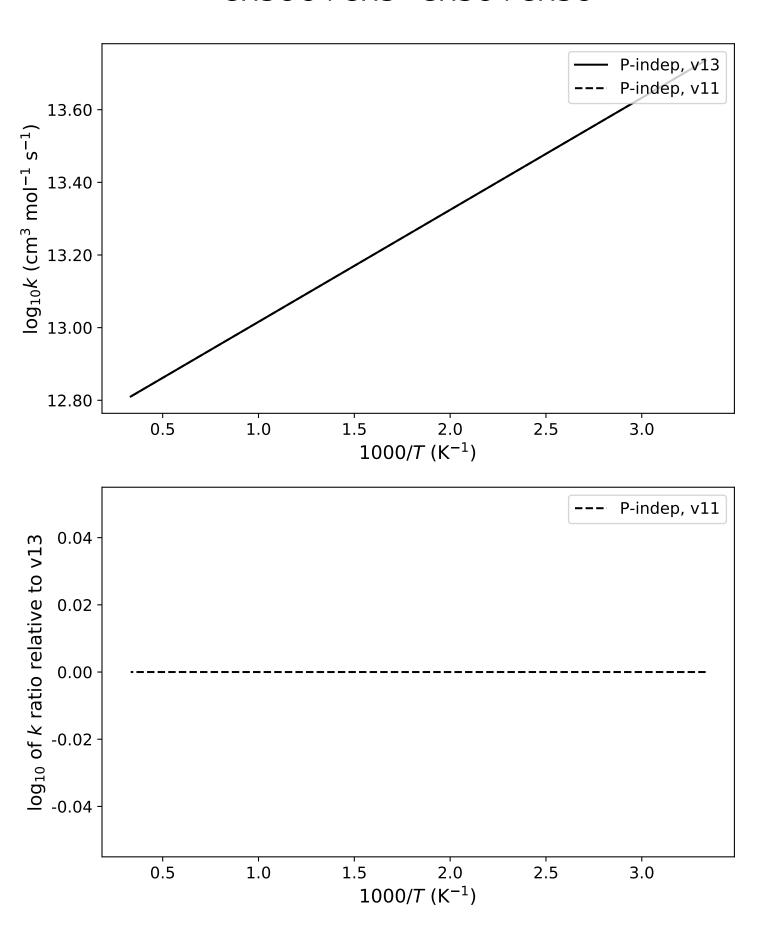
### CH3CH2O+M=CH3CHO+H+M



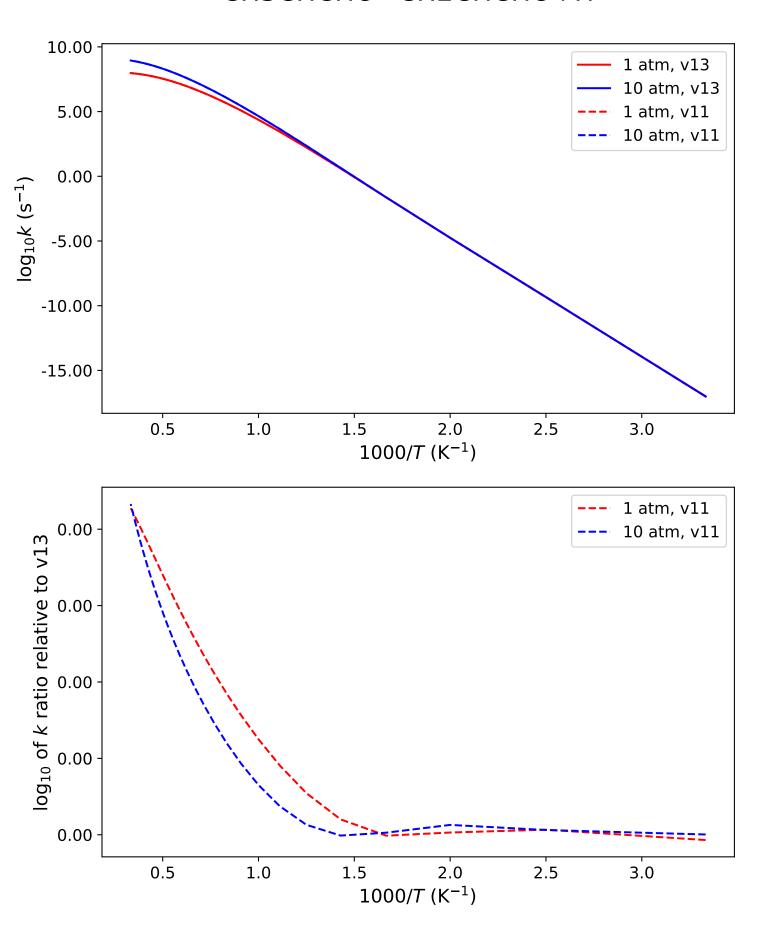
#### CH2OCHO+CH3=CH3CHO+CH2O



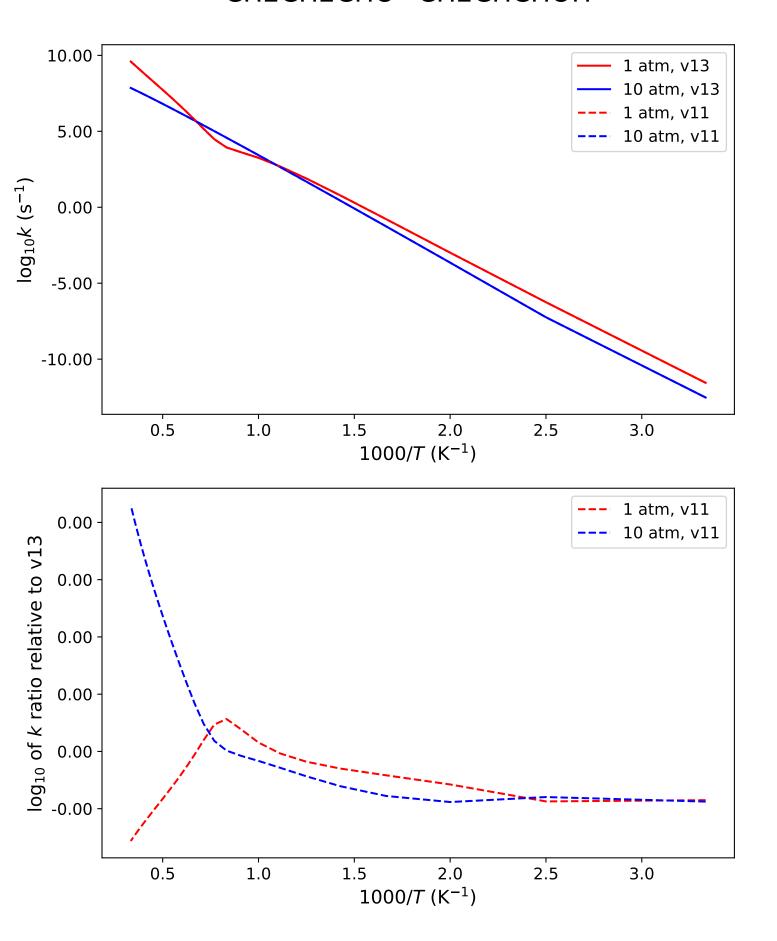
# CH3OO+CH3=CH3O+CH3O



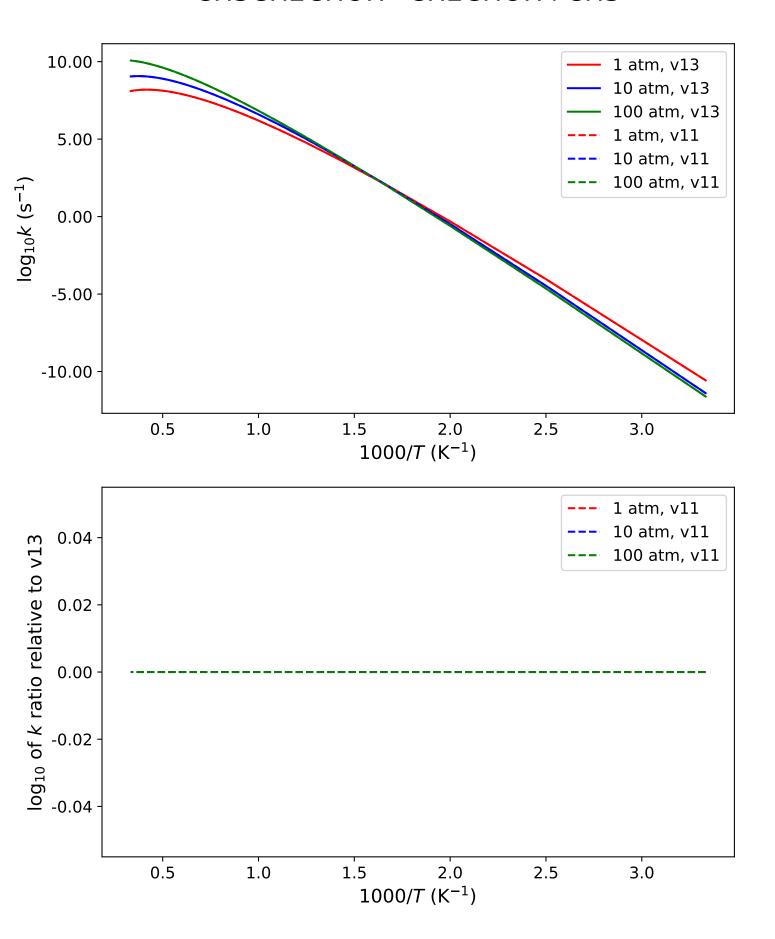
# CH3CHCHO=CH2CHCHO+H



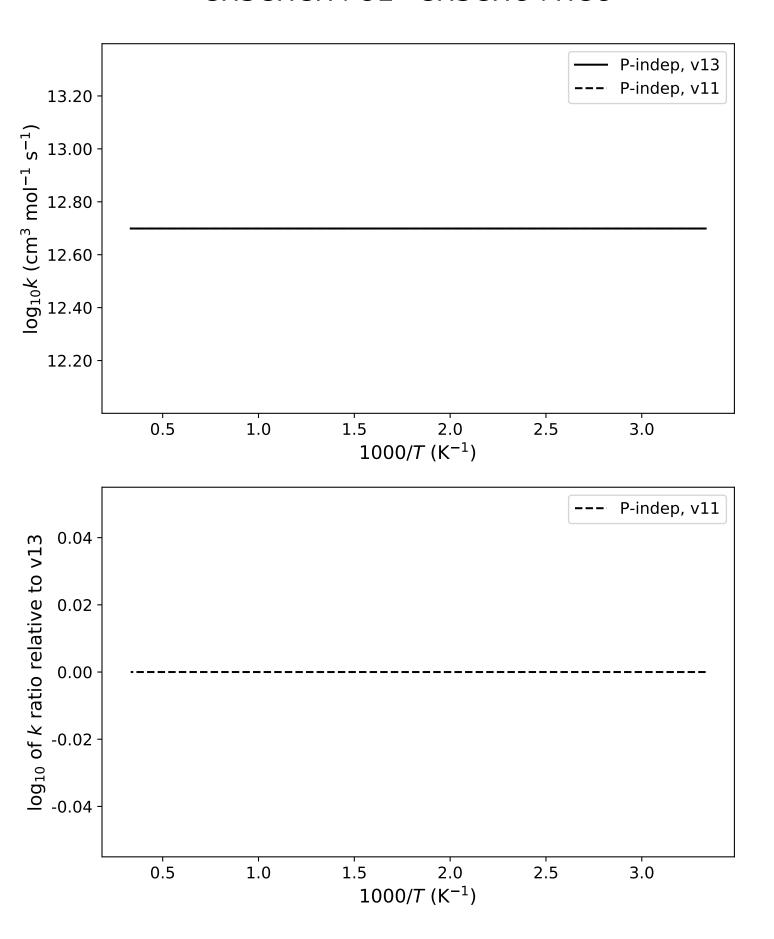
### CH2CH2CHO=CH2CHCHOH



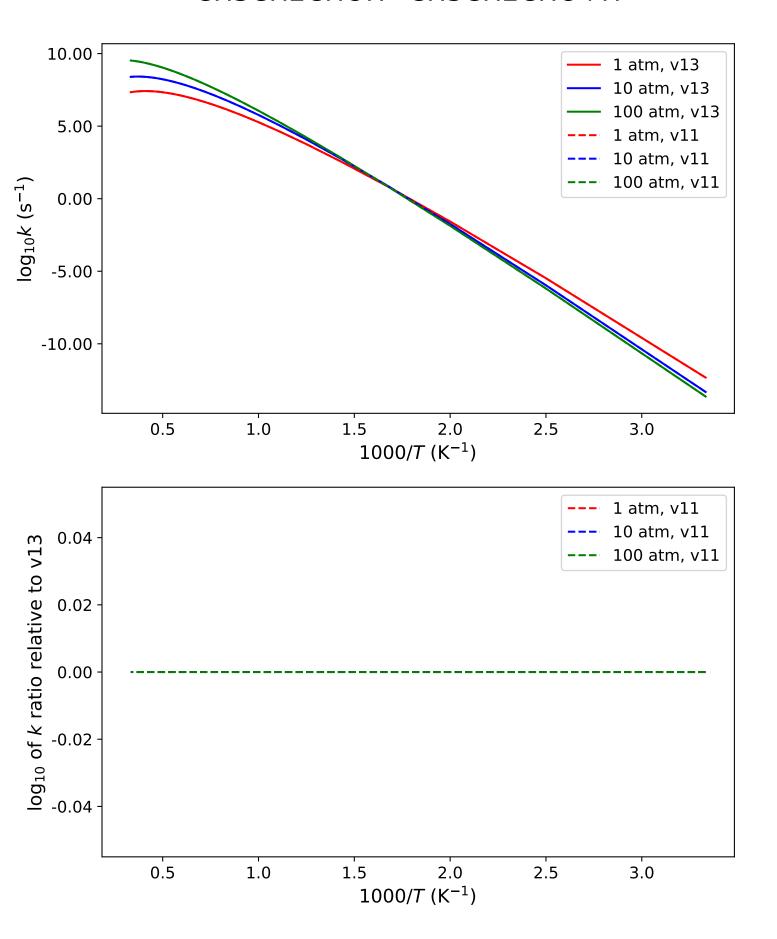
### CH3CH2CHOH=CH2CHOH+CH3



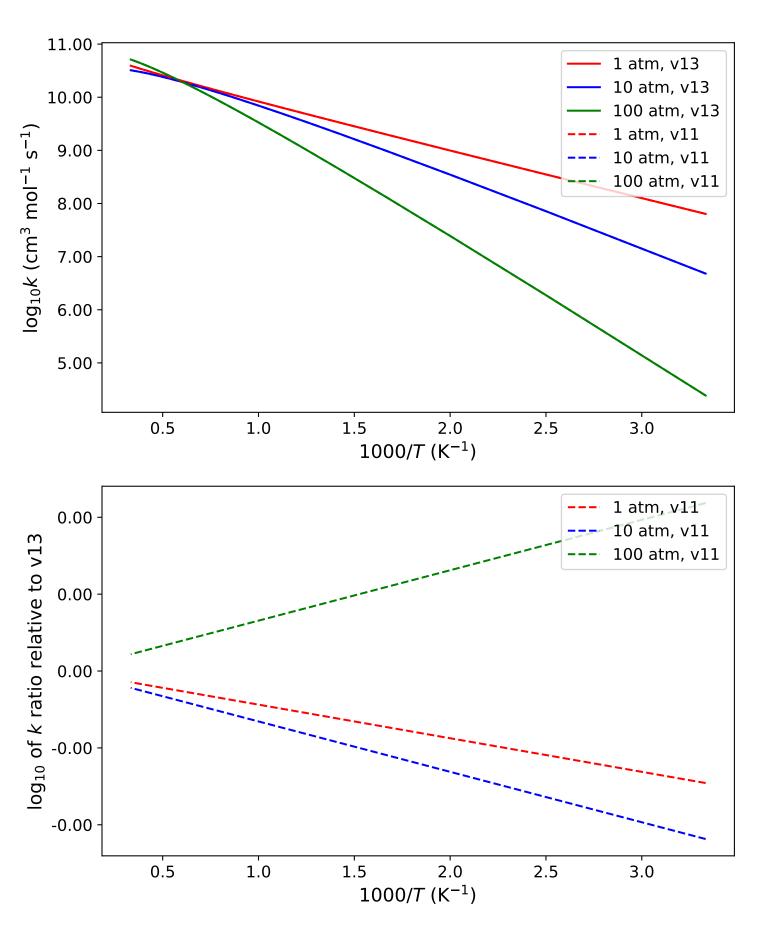
### CH3CHCH+O2=CH3CHO+HCO



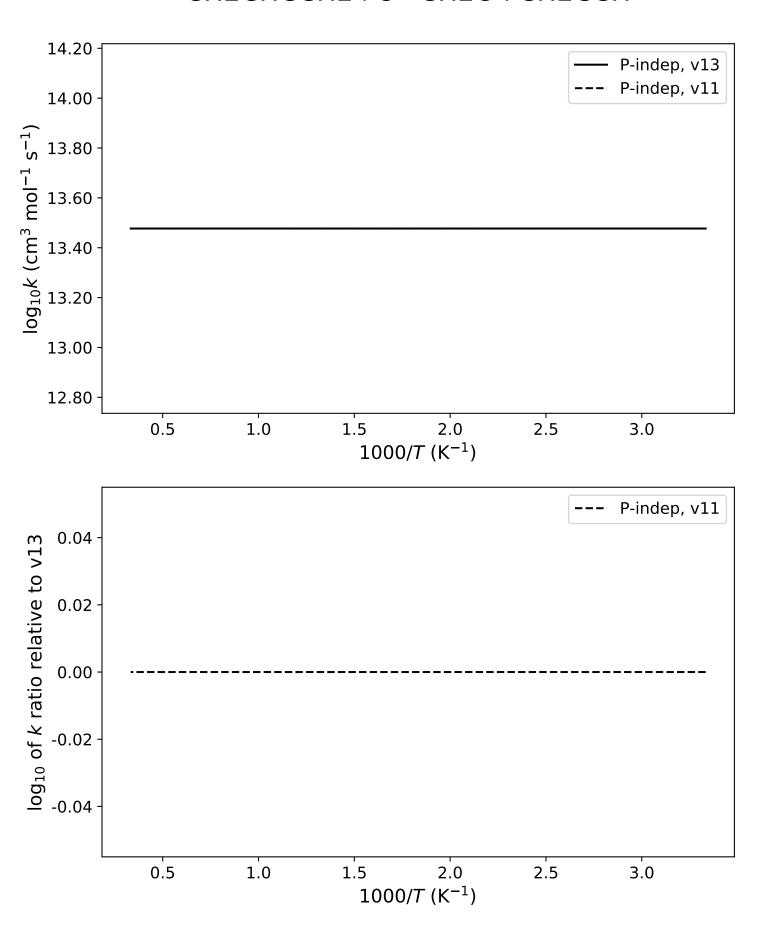
### CH3CH2CHOH=CH3CH2CHO+H



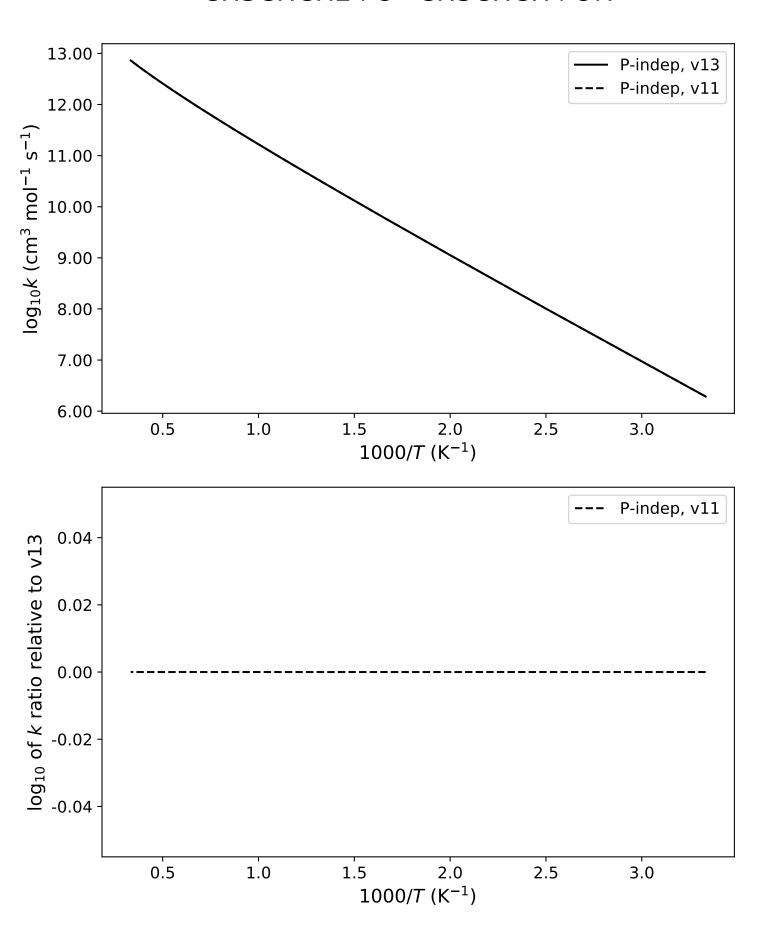
### C2H3+CH2O=C2H4+HCO



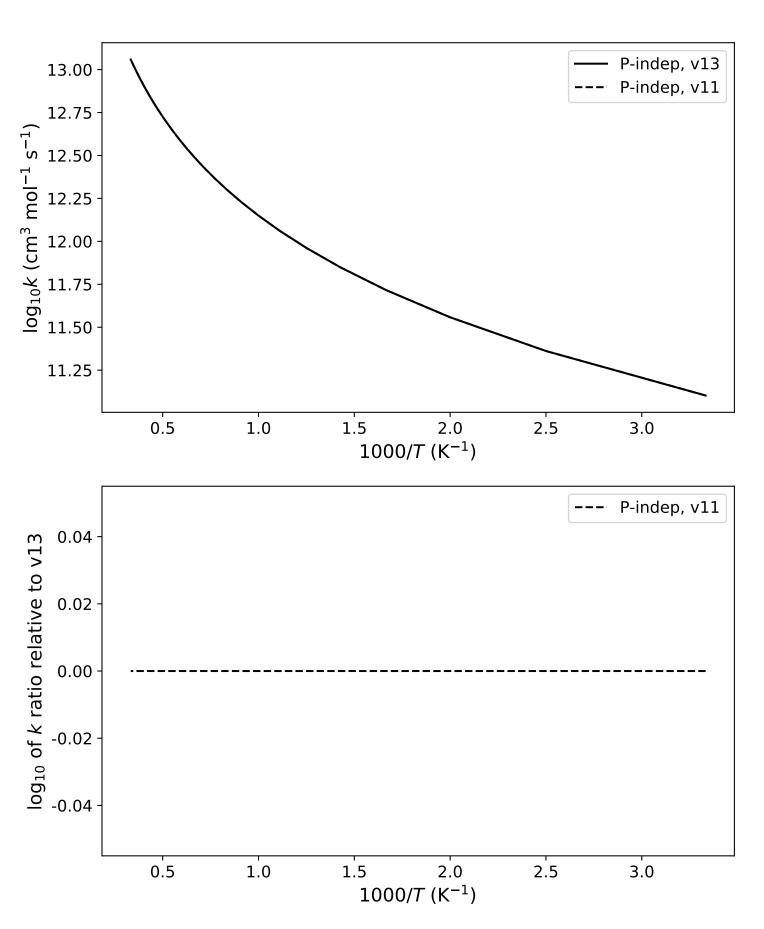
### CH2CHCCH2+O=CH2O+CH2CCH



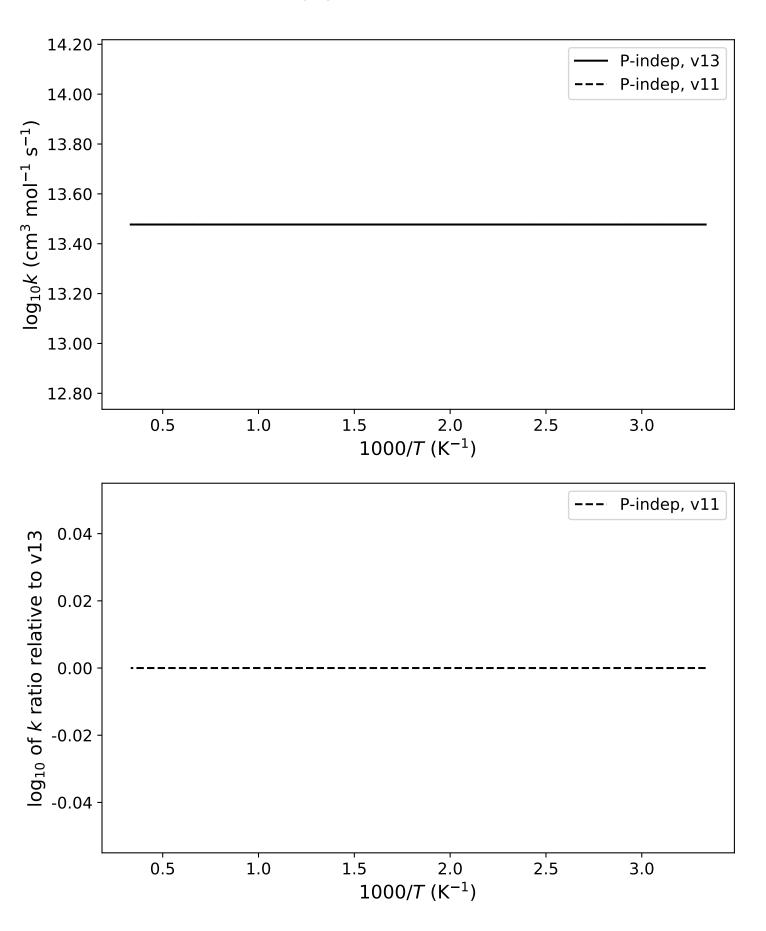
### CH3CHCH2+O=CH3CHCH+OH



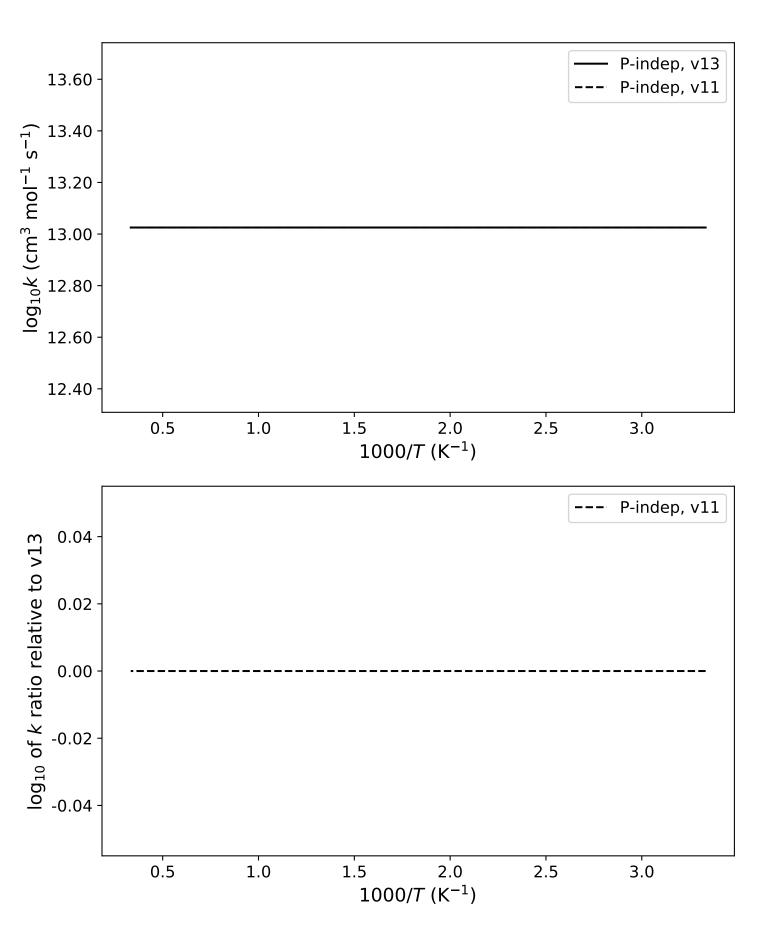
### CH2OH+H=CH2O+H2



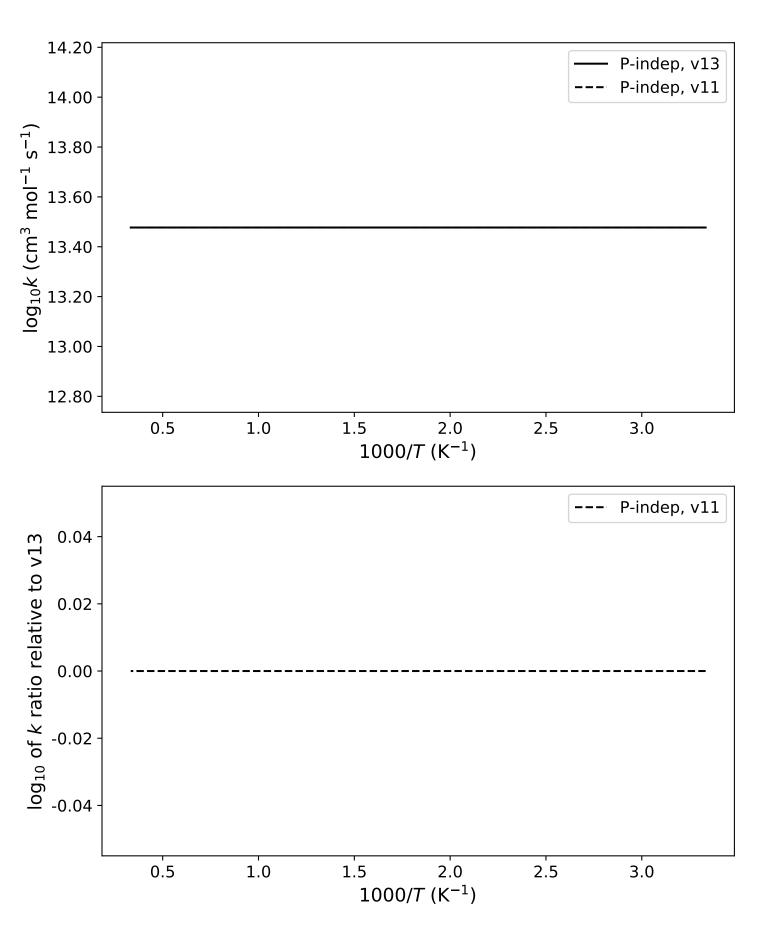
## CH2(S)+H2O=CH2+H2O



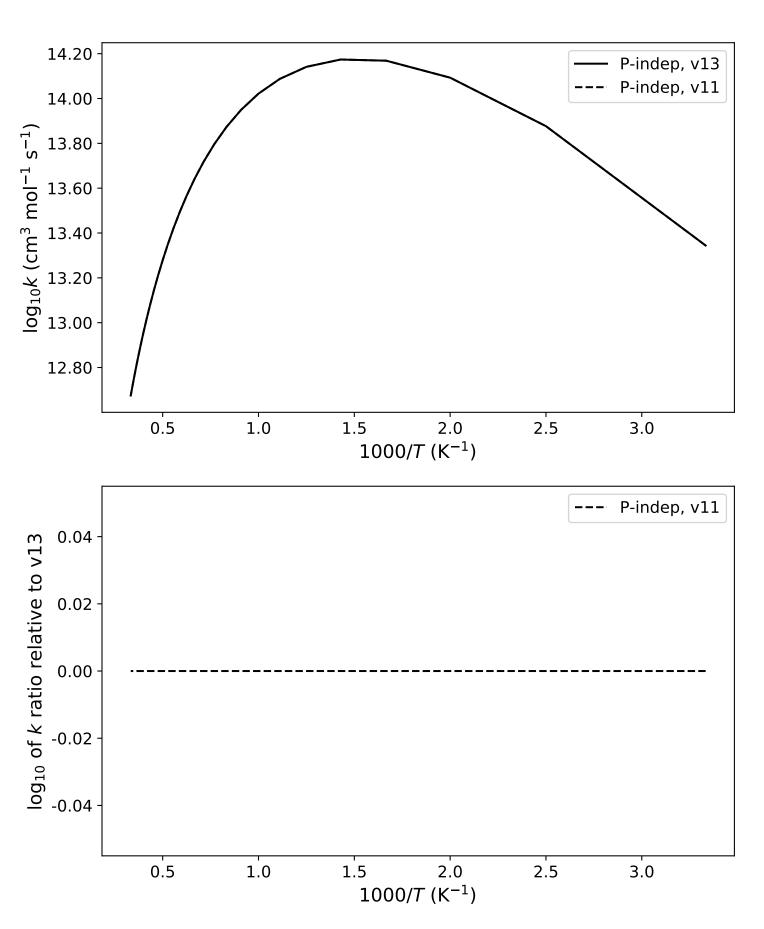
### HCCO+H=CH2+CO



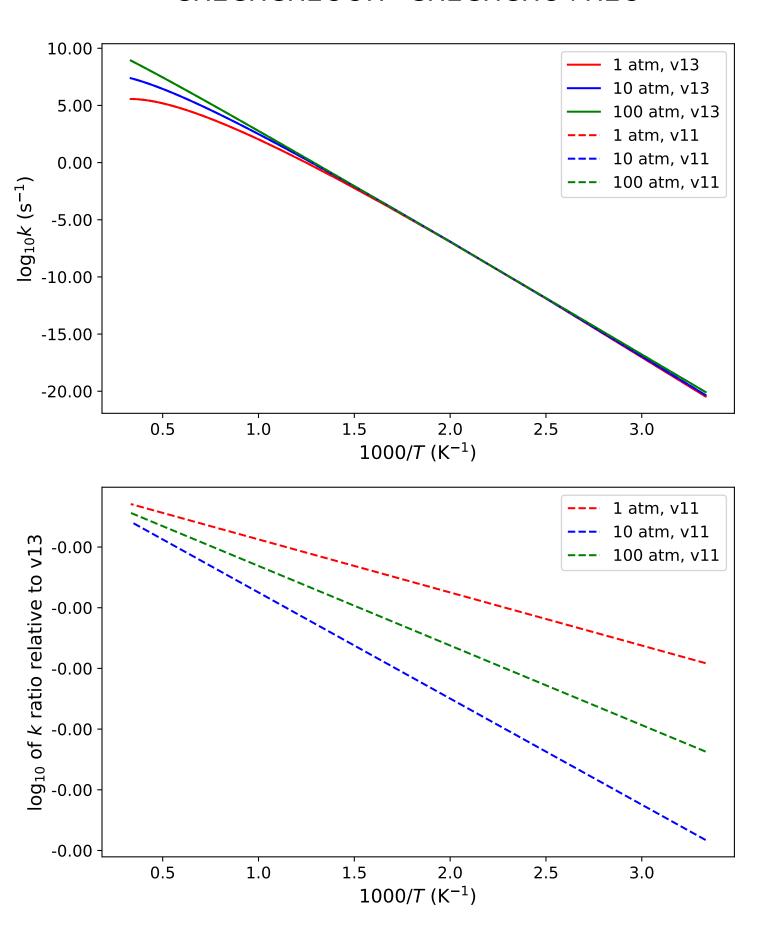
### CH3CH2CH2+OH=CH3CHCH2+H2O



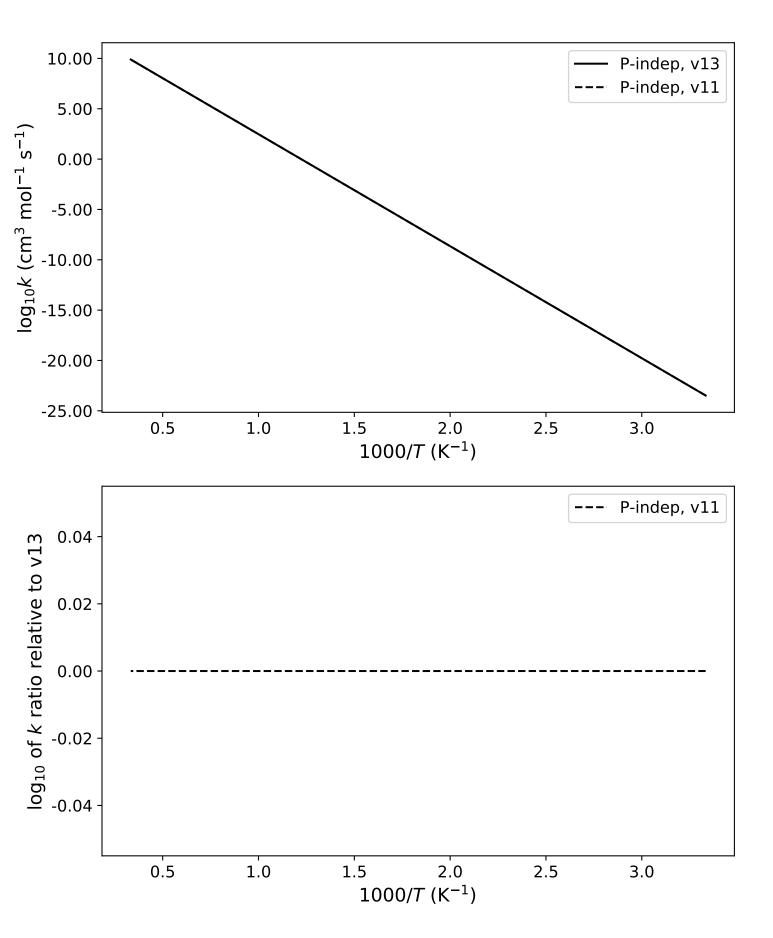
### C5H5+H=C5H6



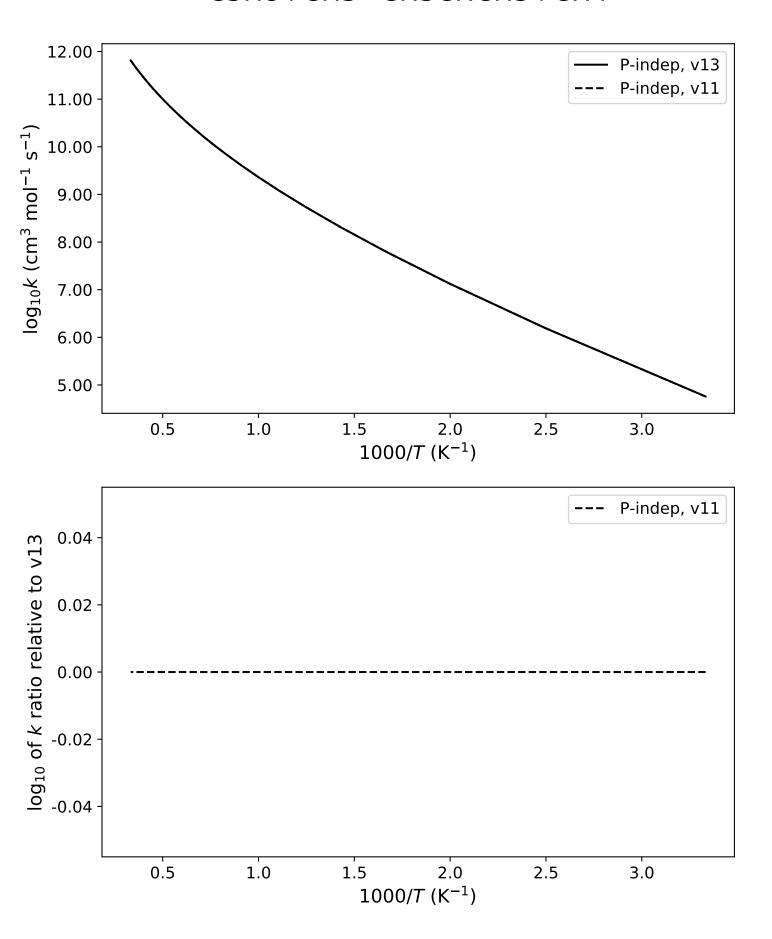
#### CH2CHCH2OOH=CH2CHCHO+H2O



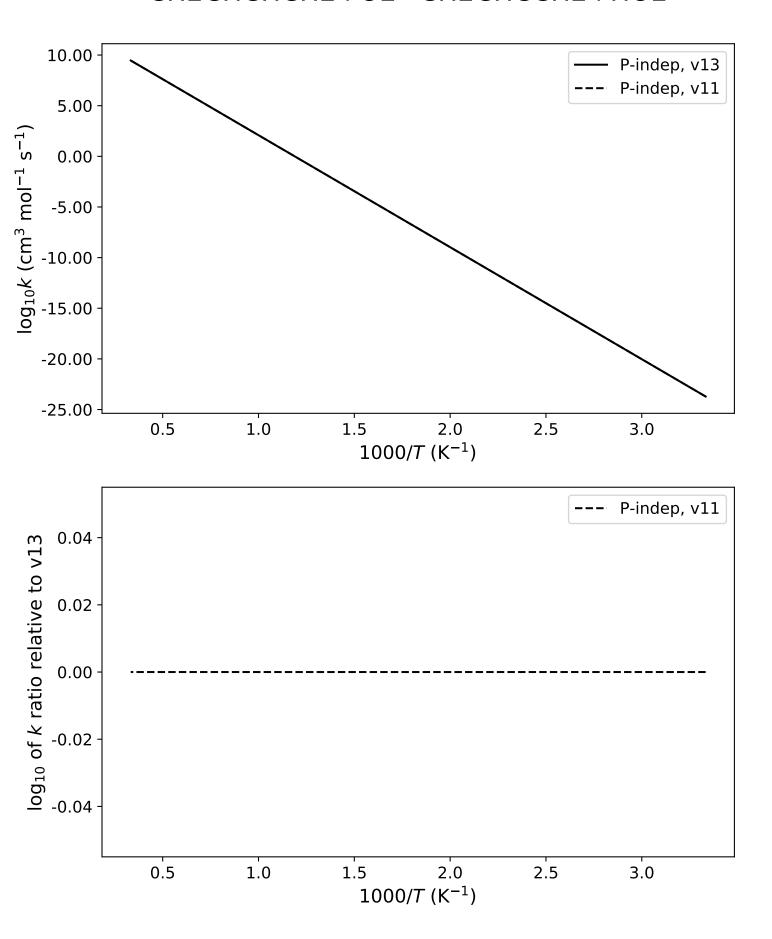
### C3H8+O2=CH3CH2CH2+HO2



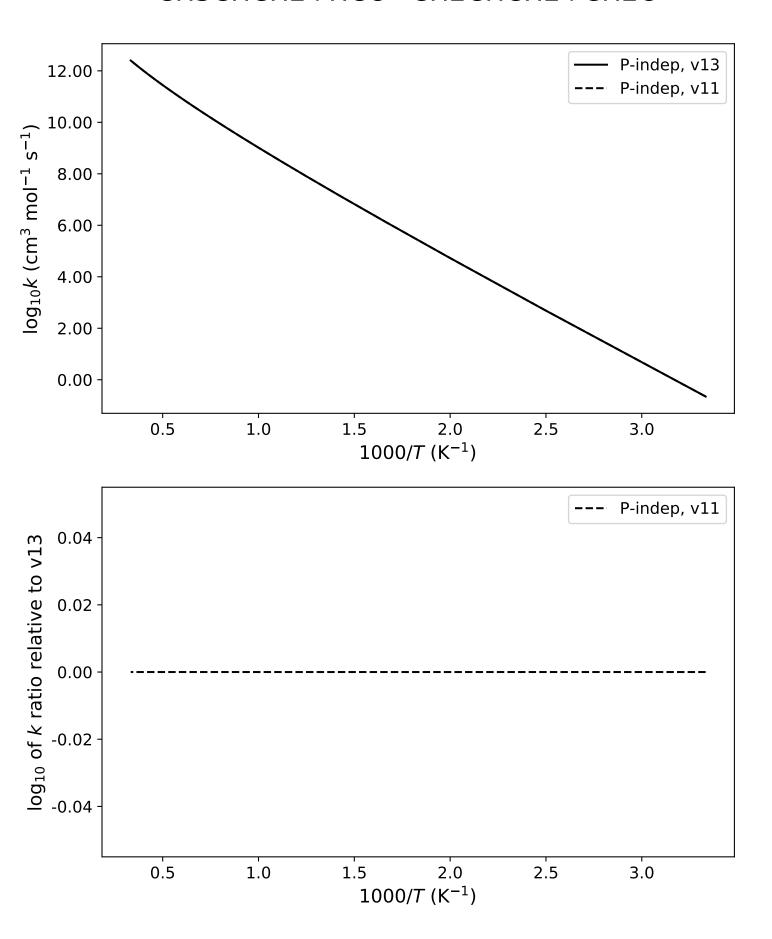
### C3H8+CH3=CH3CHCH3+CH4



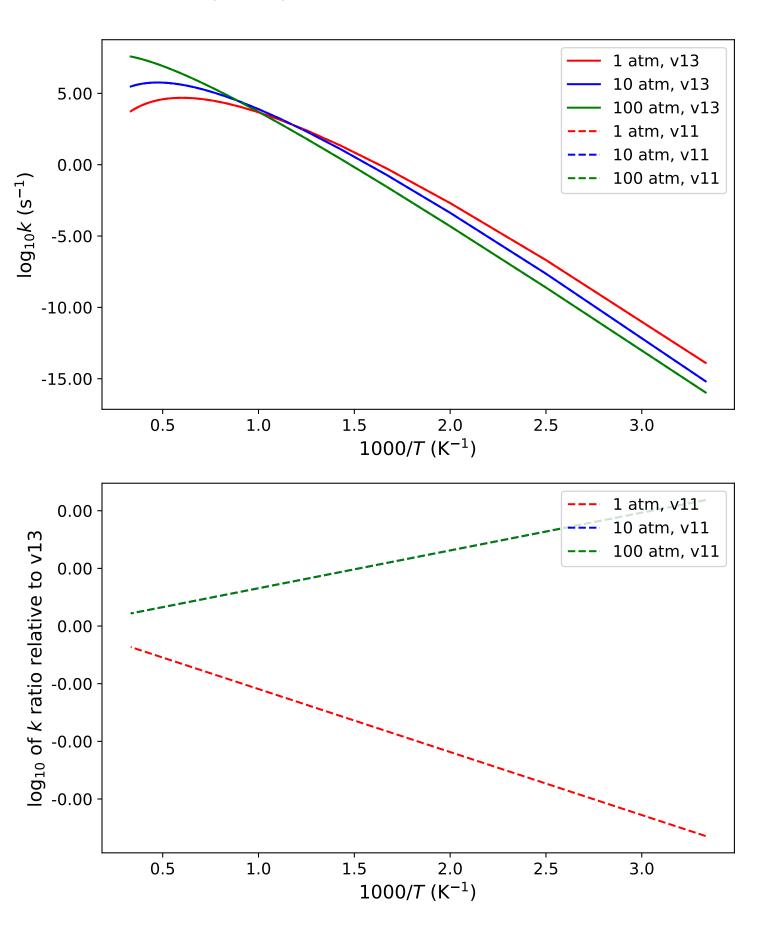
### CH2CHCH2+O2=CH2CHCCH2+HO2



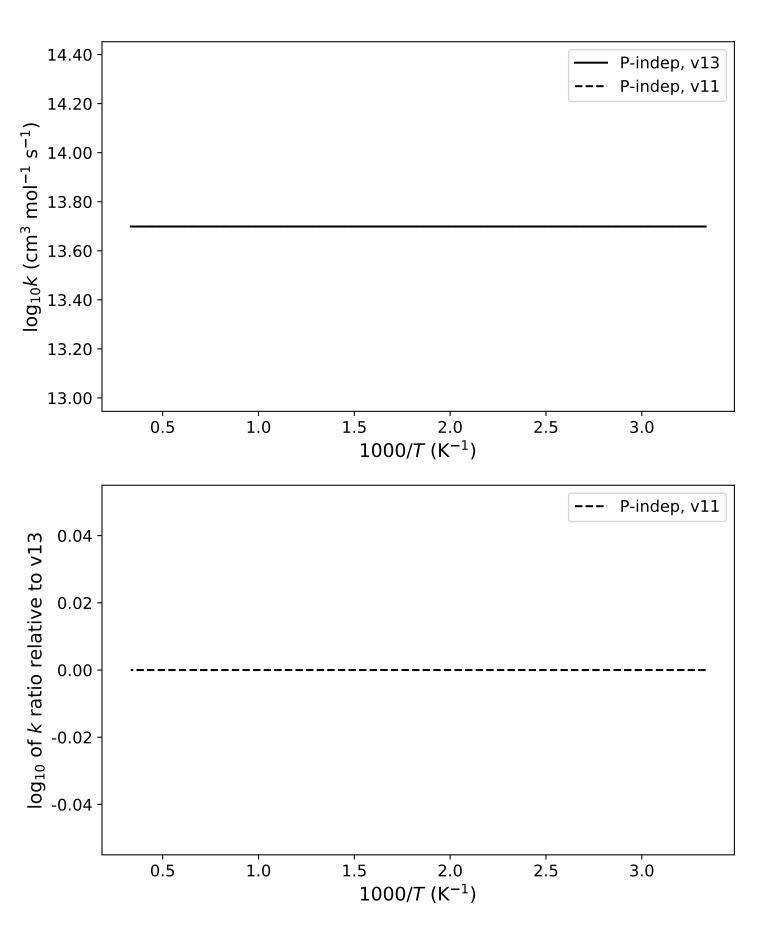
### CH3CHCH2+HCO=CH2CHCH2+CH2O



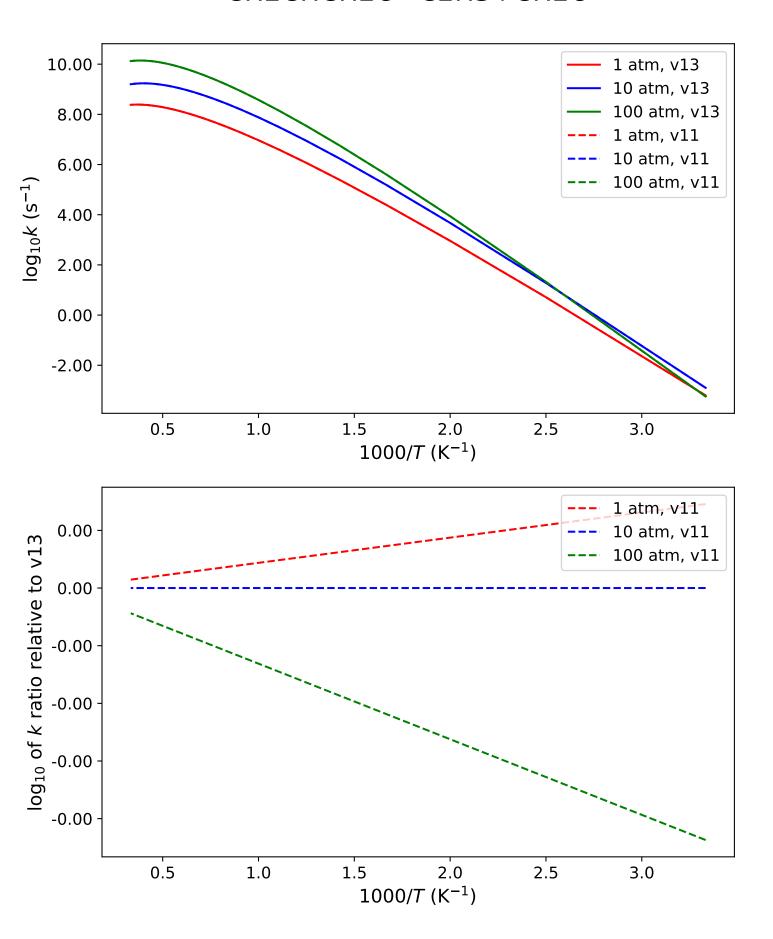
# CH3CH(OOH)CH2OO=HO2+CH2CHCH2OOH



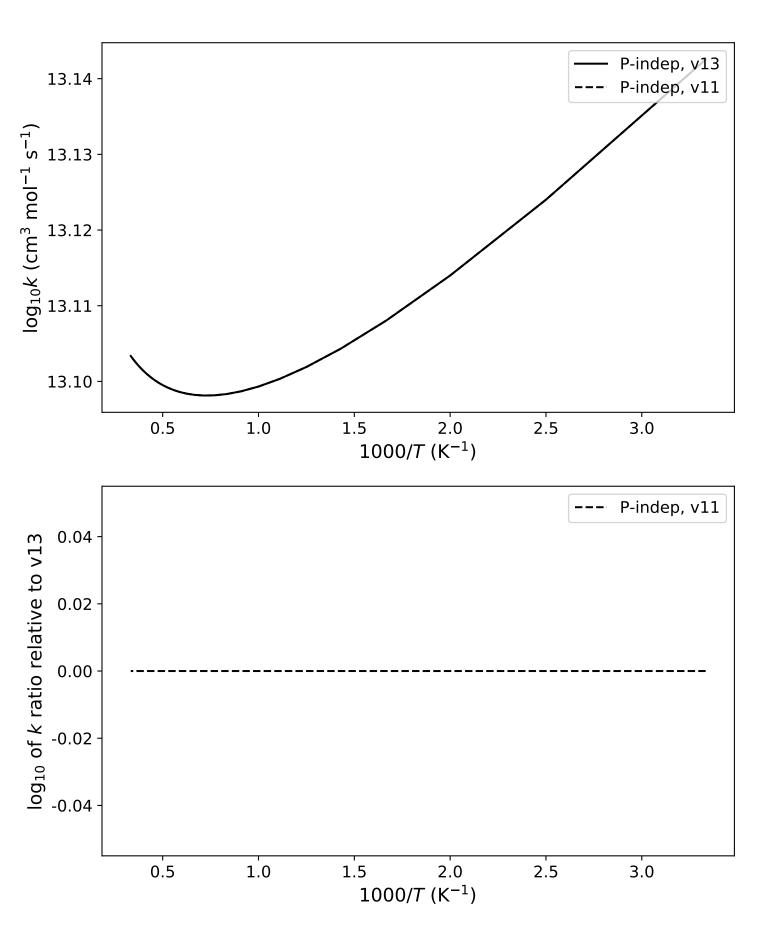
### C2+O2=CO+CO



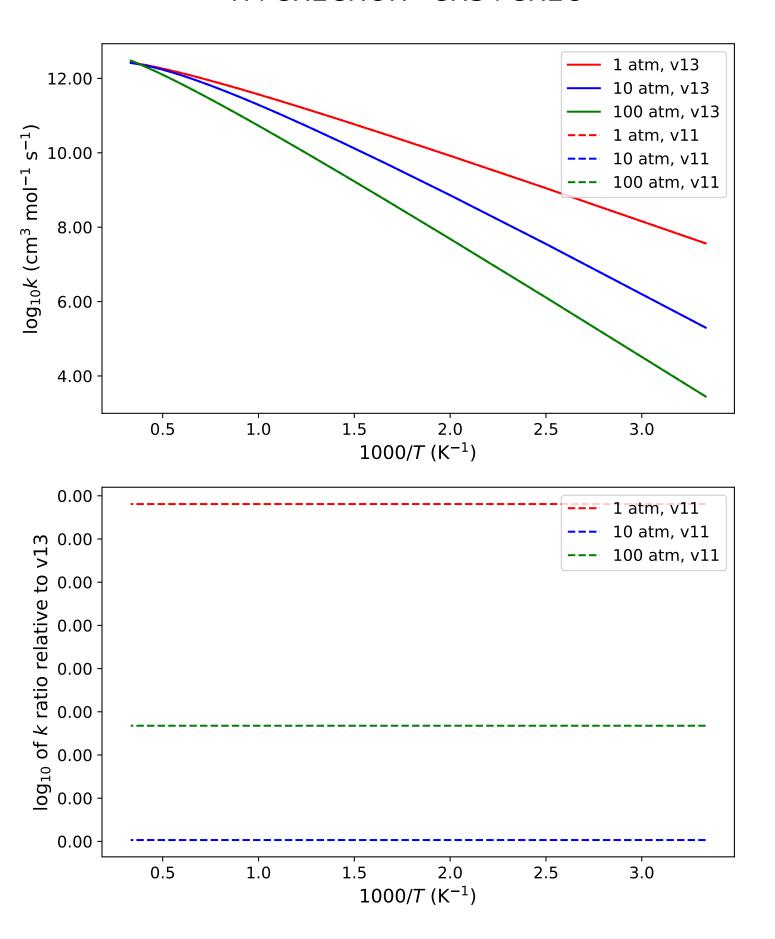
### CH2CHCH2O=C2H3+CH2O



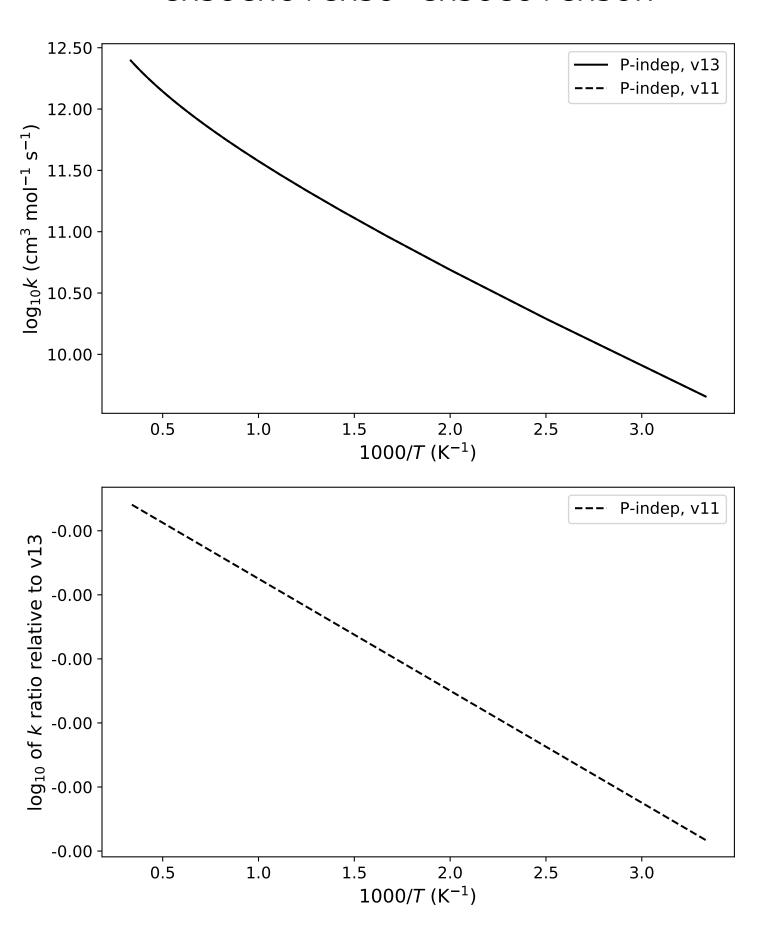
### CH3+O=CO+H2+H



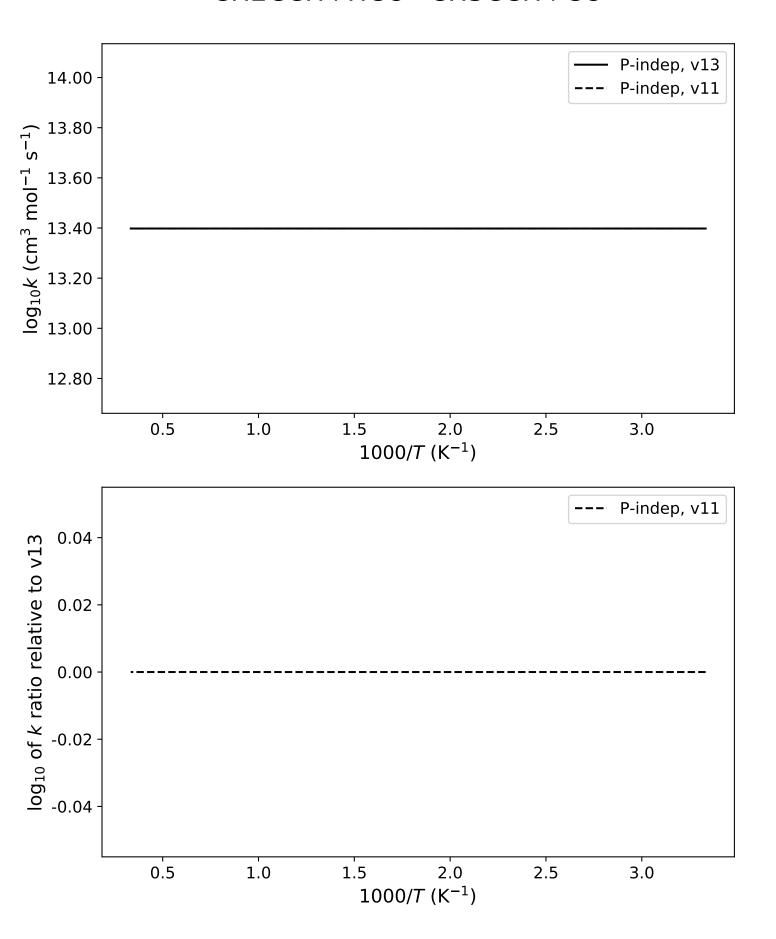
### H+CH2CHOH=CH3+CH2O



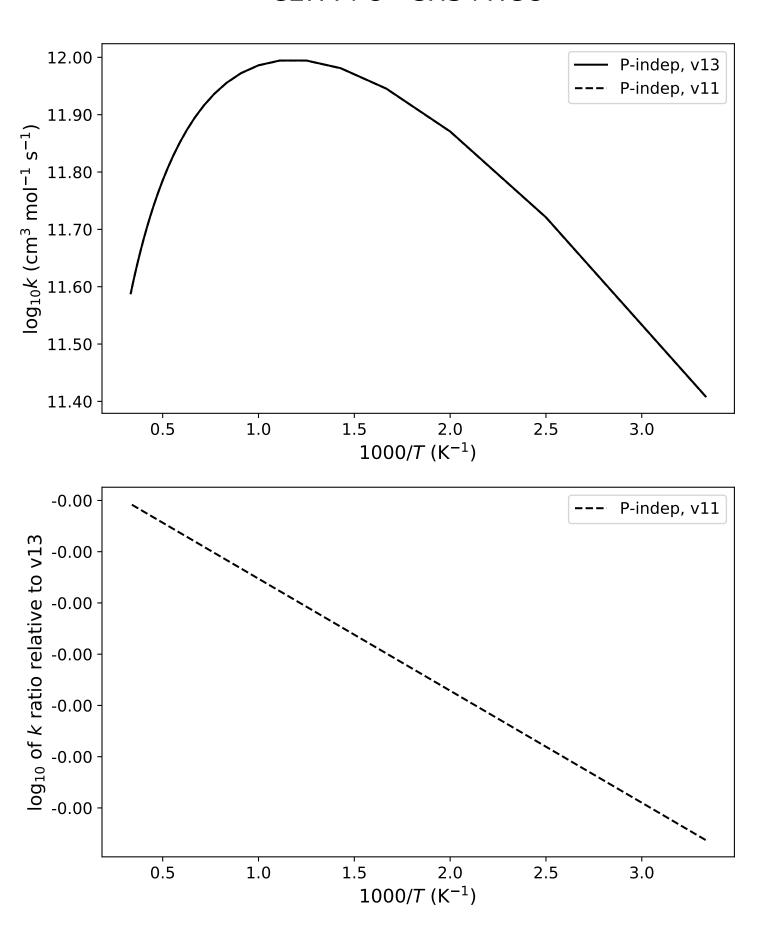
### CH3OCHO+CH3O=CH3OCO+CH3OH



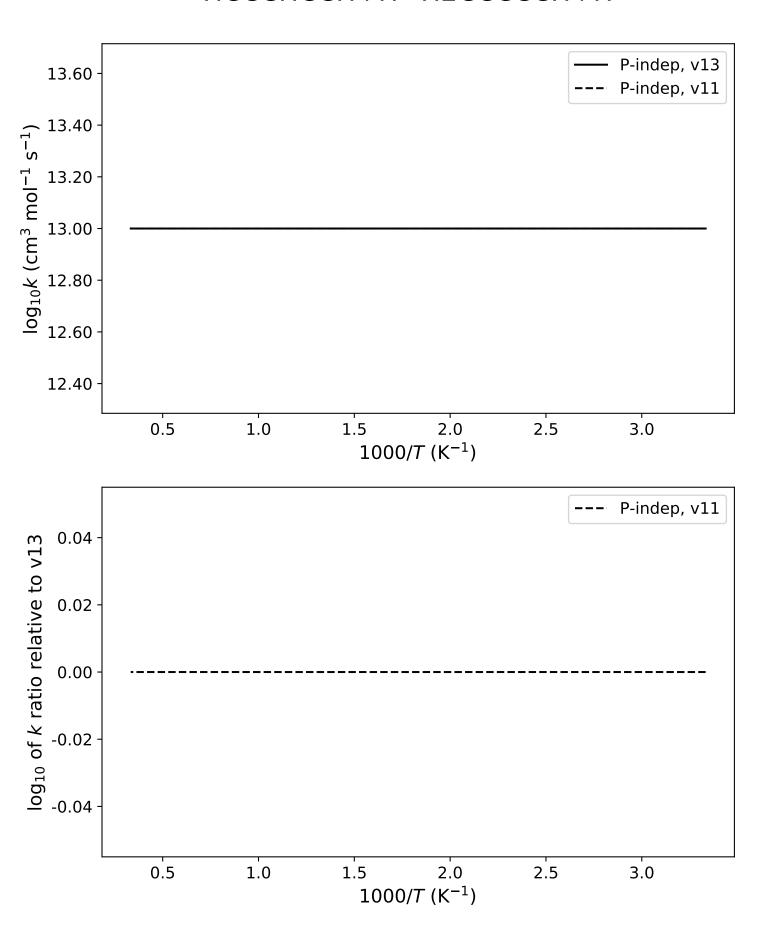
### CH2CCH+HCO=CH3CCH+CO



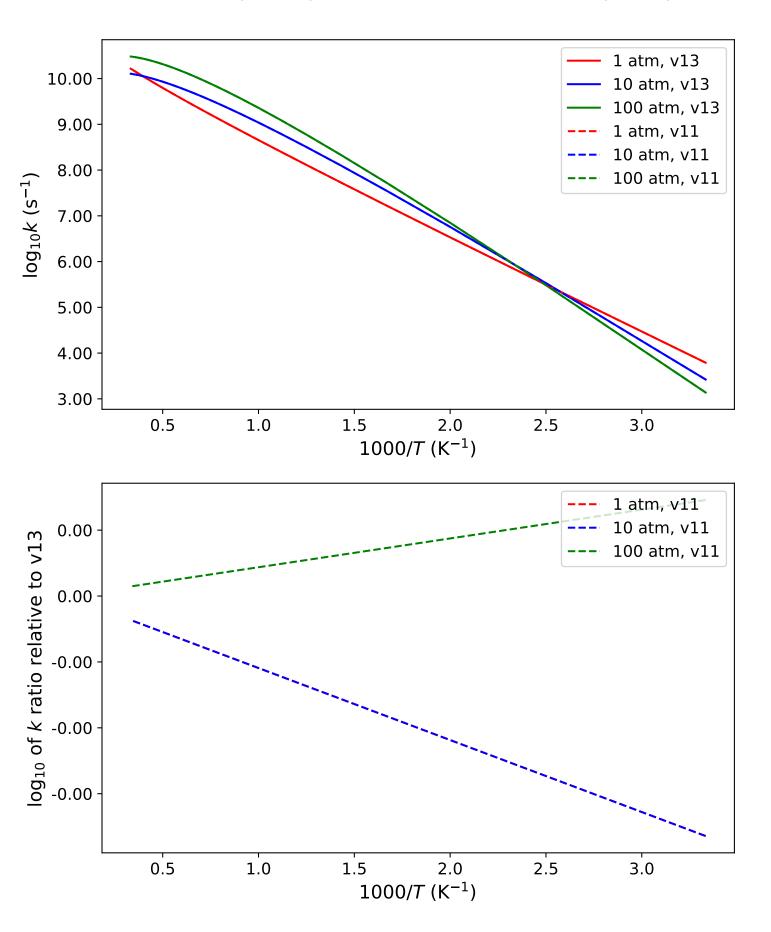
### C2H4+O=CH3+HCO



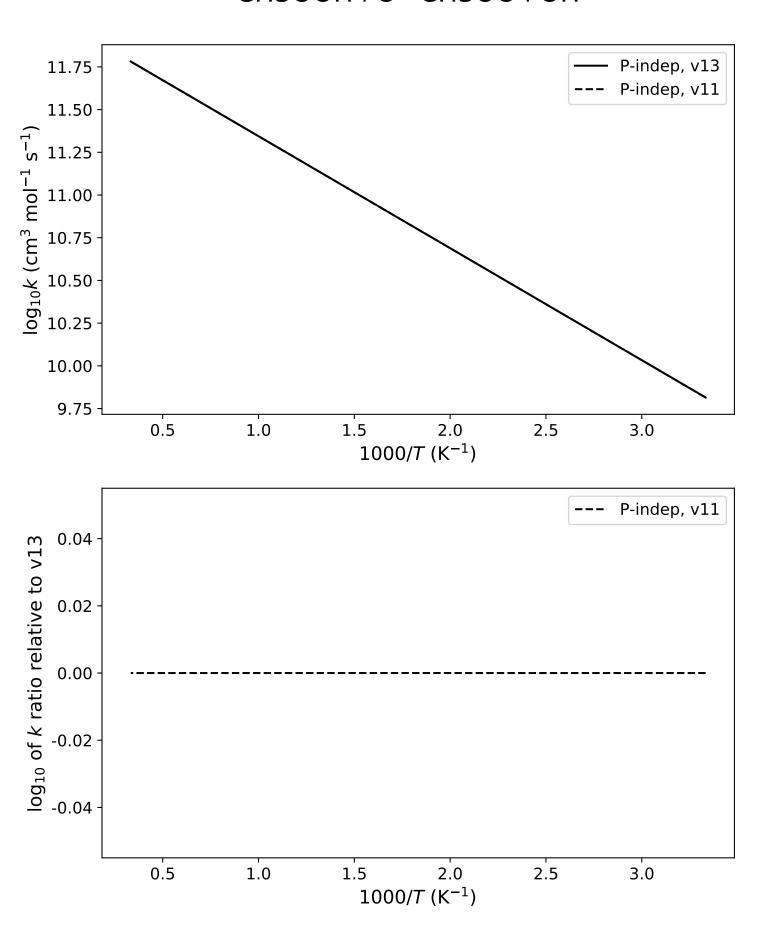
### HCCCHCCH+H=H2CCCCCH+H



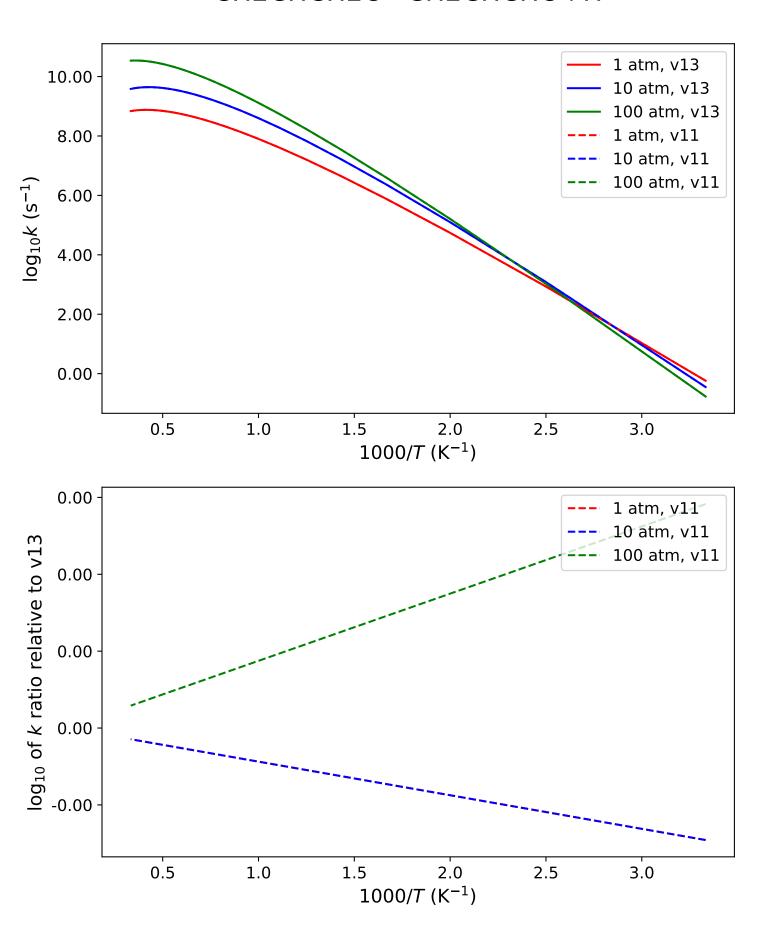
# CH3CH(OOH)CH2=OH+c-CH2OCH(CH3)



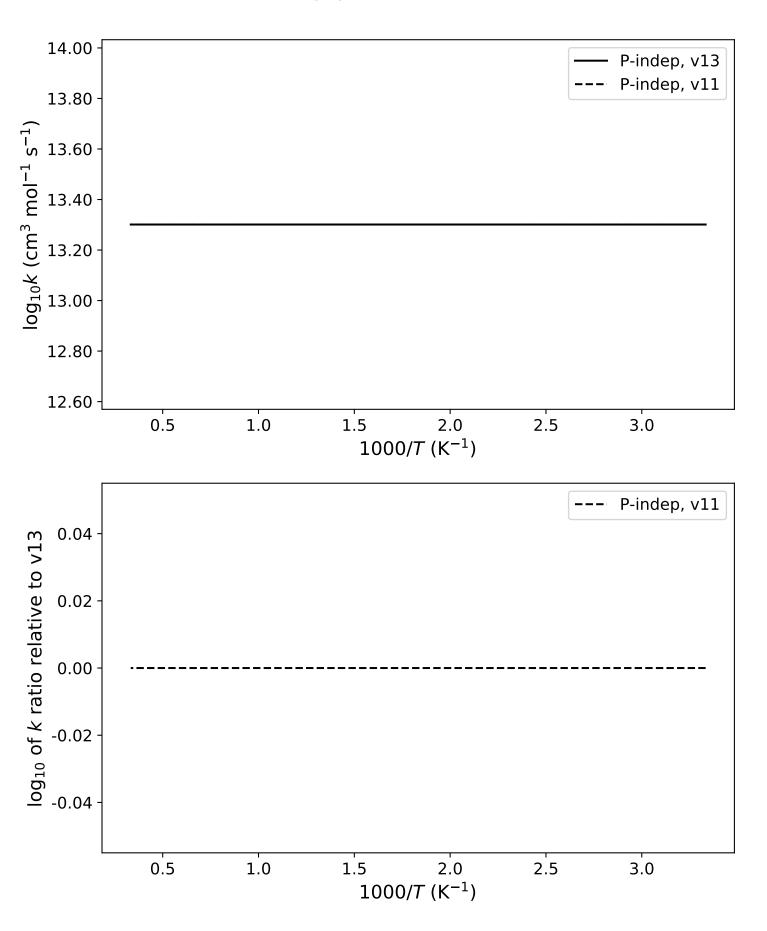
## CH3OOH+O=CH3OO+OH



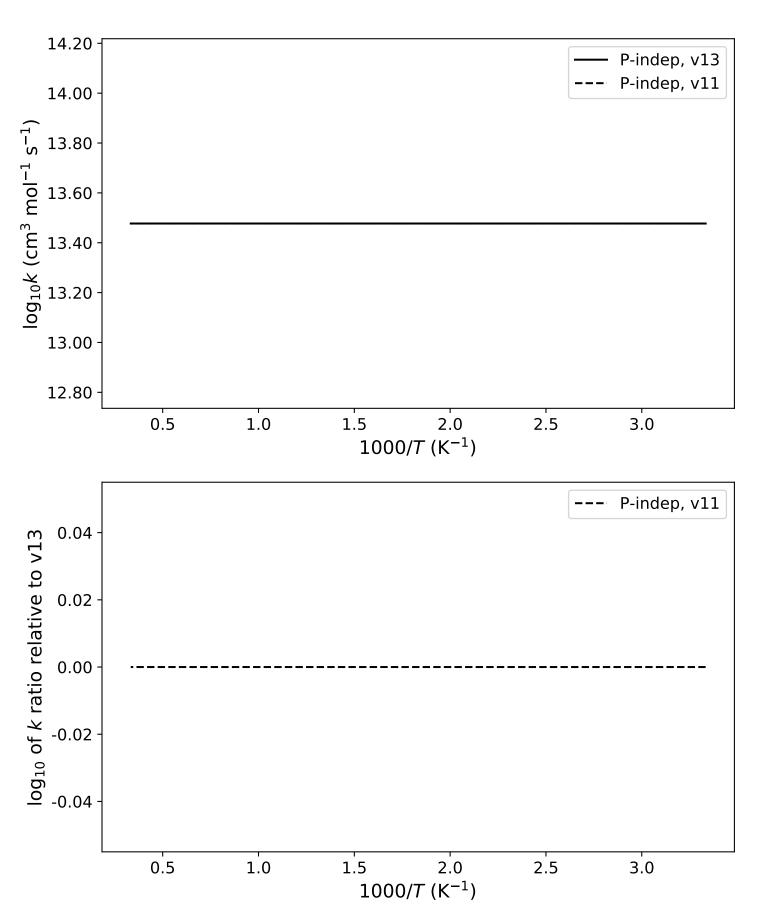
### CH2CHCH2O=CH2CHCHO+H



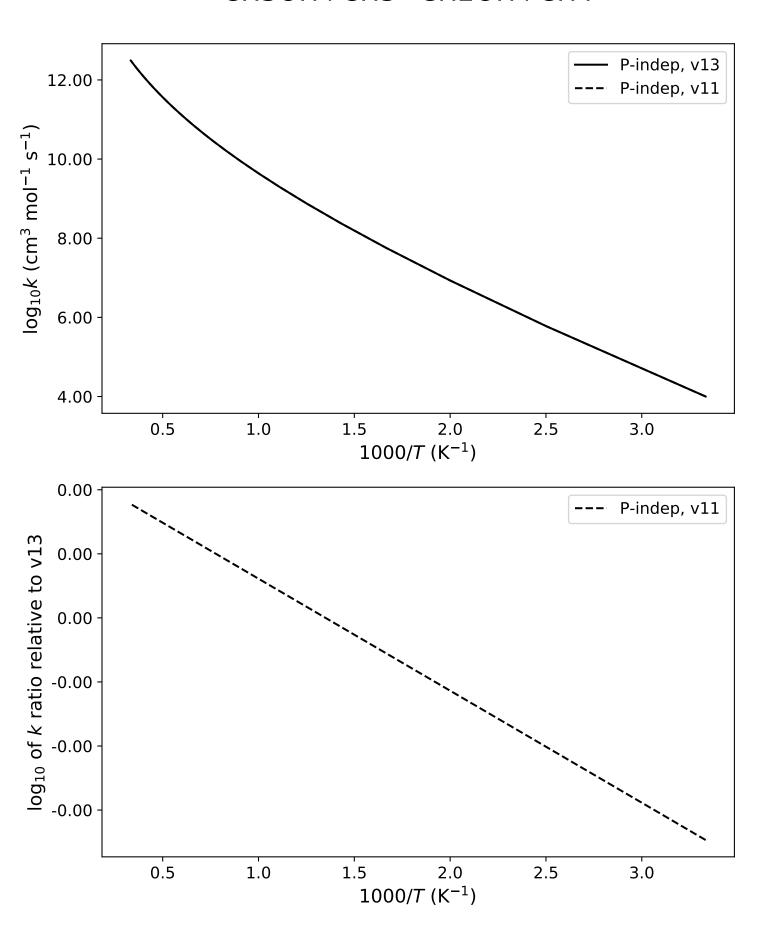
### CH2(S)+CH3=C2H4+H



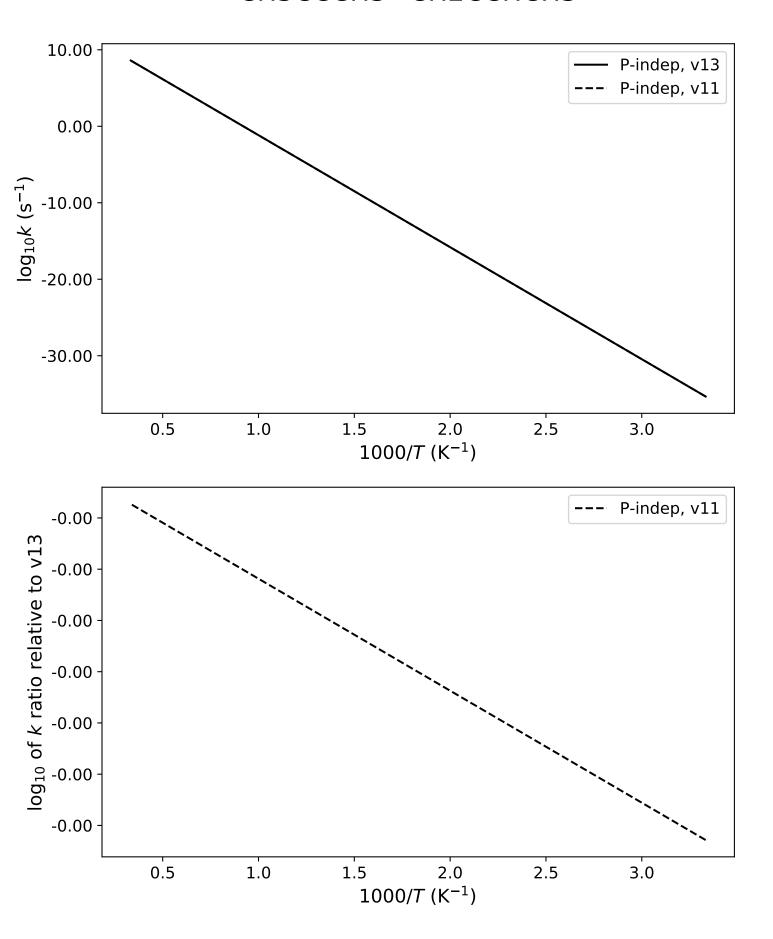
## CH2(S)+OH=CH2O+H



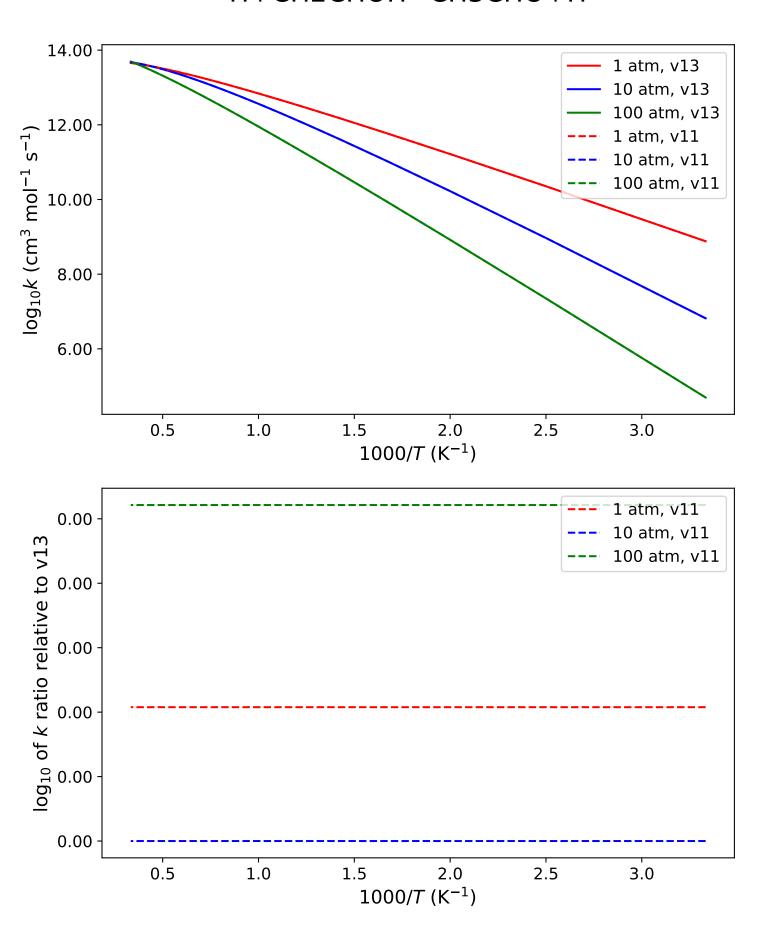
### CH3OH+CH3=CH2OH+CH4



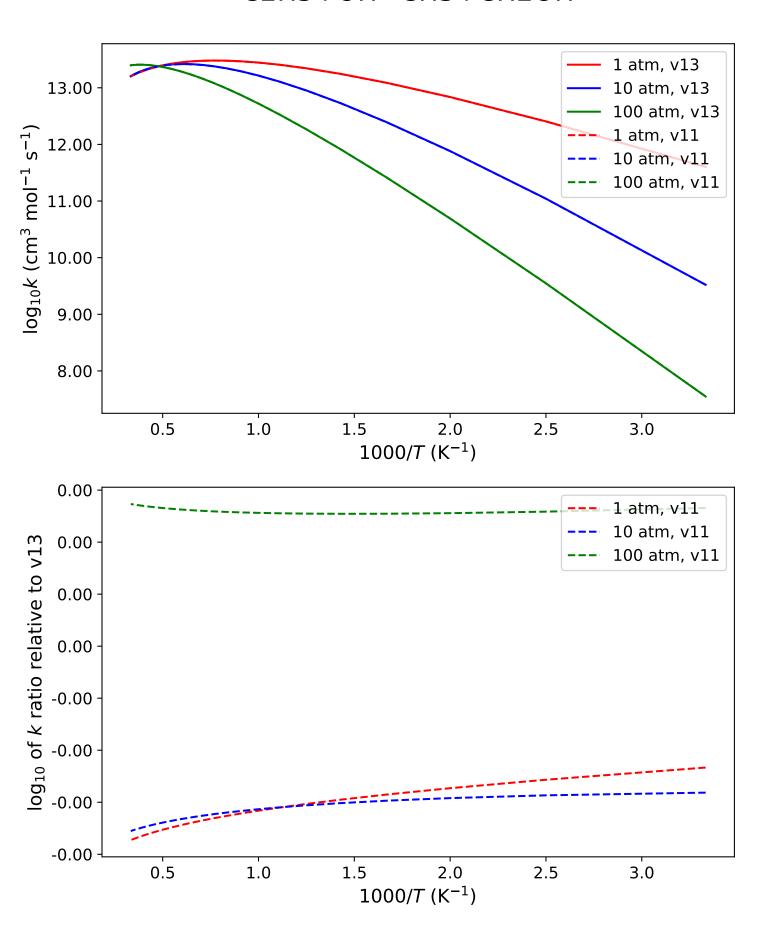
# CH3CCCH3=CH2CCHCH3



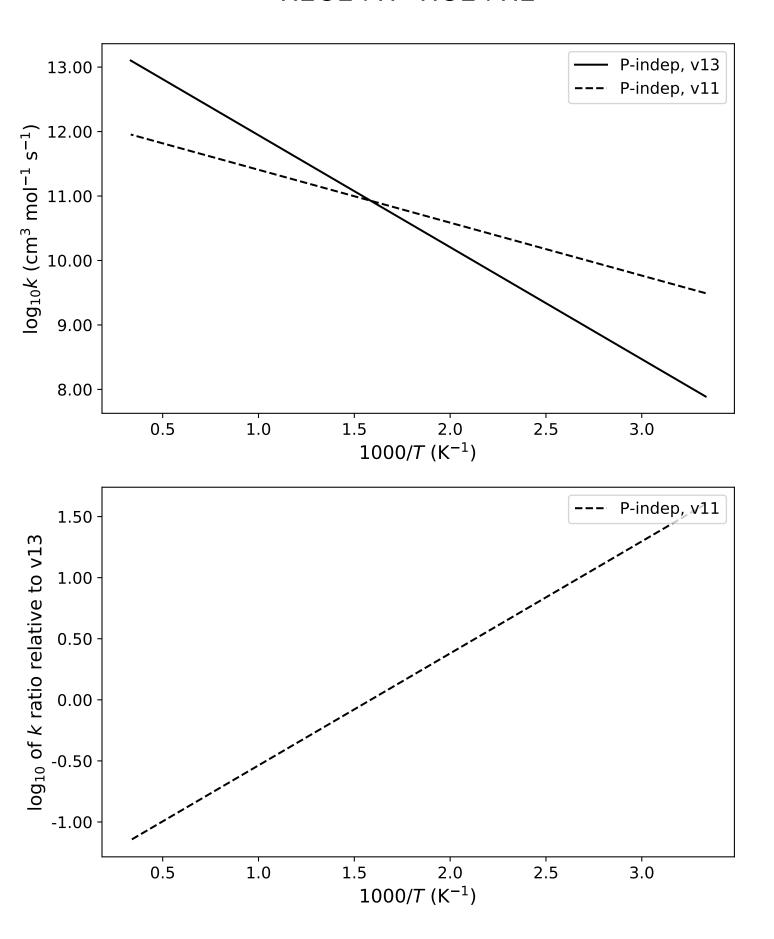
### H+CH2CHOH=CH3CHO+H



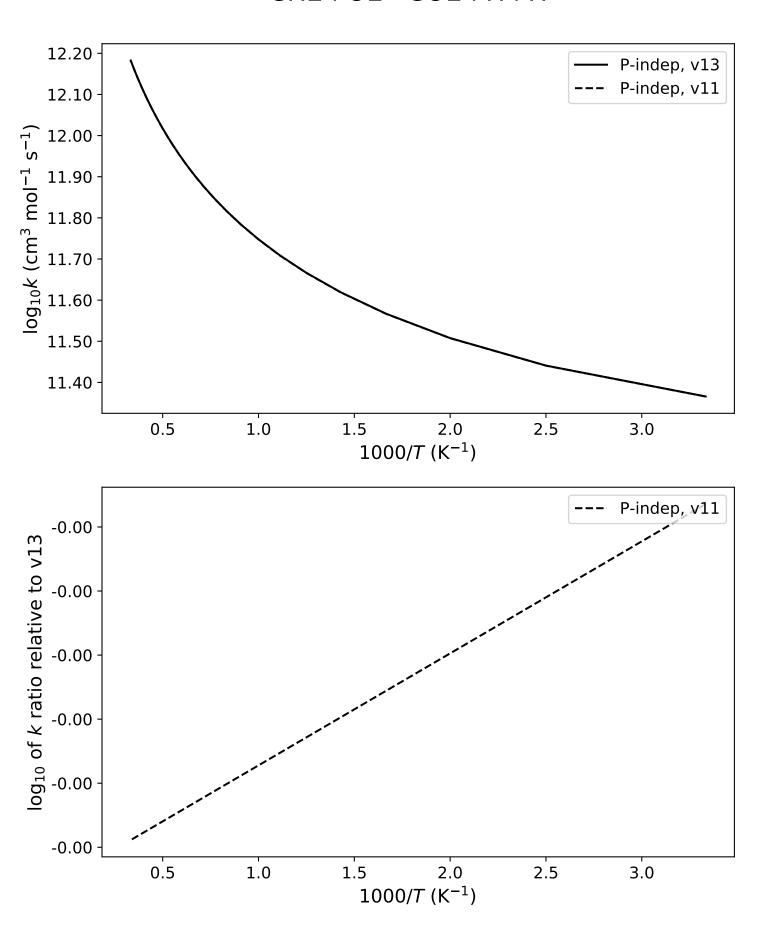
#### C2H5+OH=CH3+CH2OH



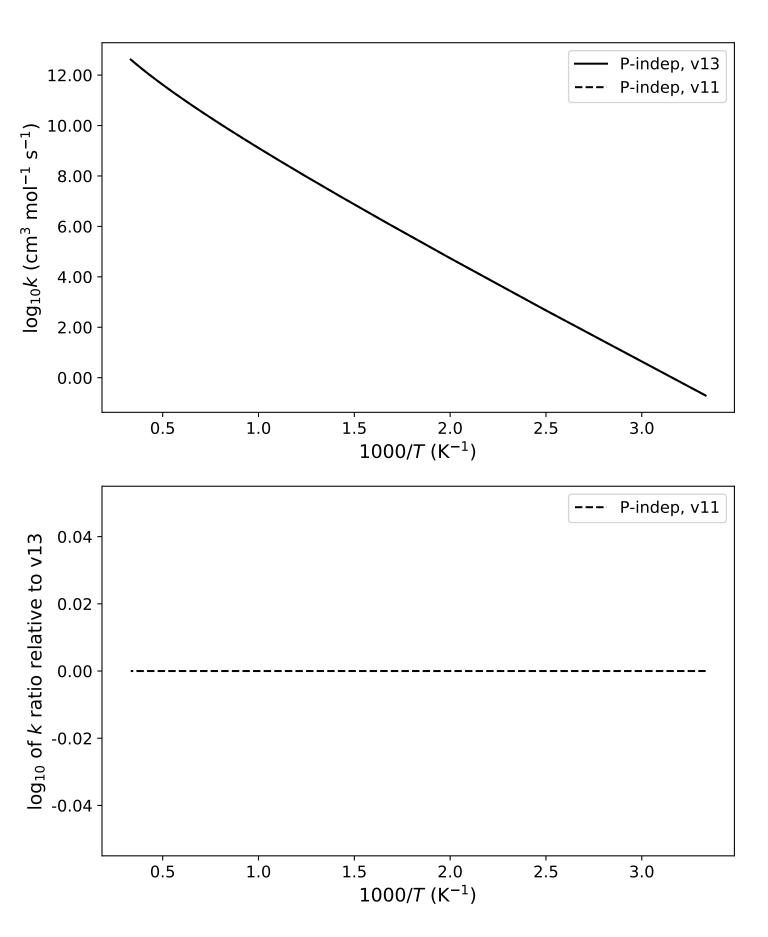
### H2O2+H=HO2+H2



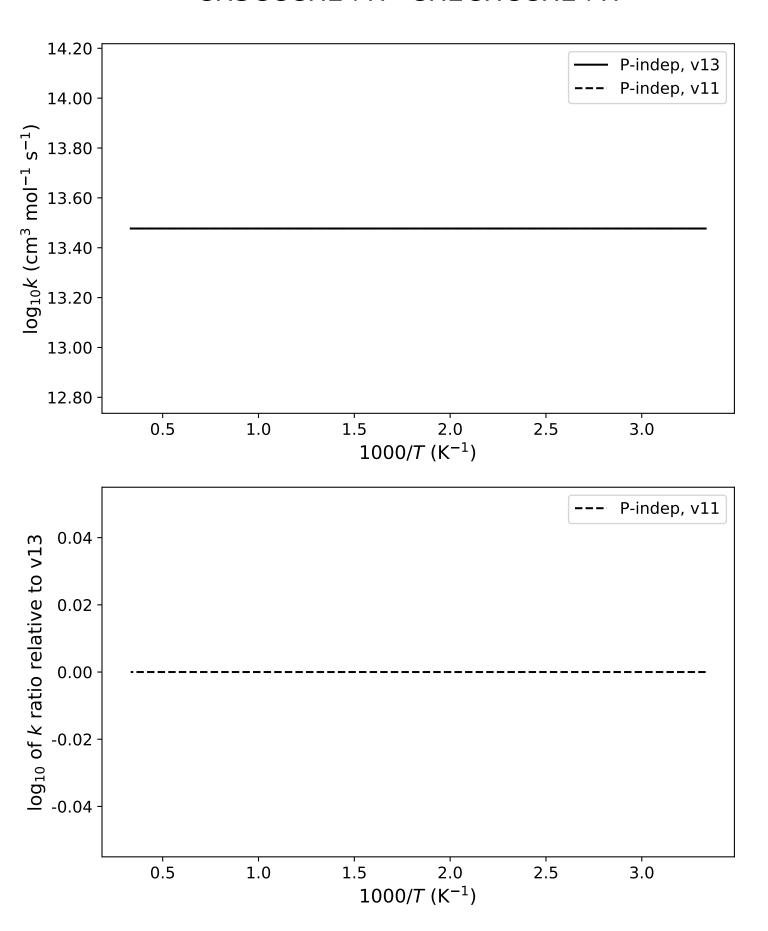
### CH2+O2=CO2+H+H



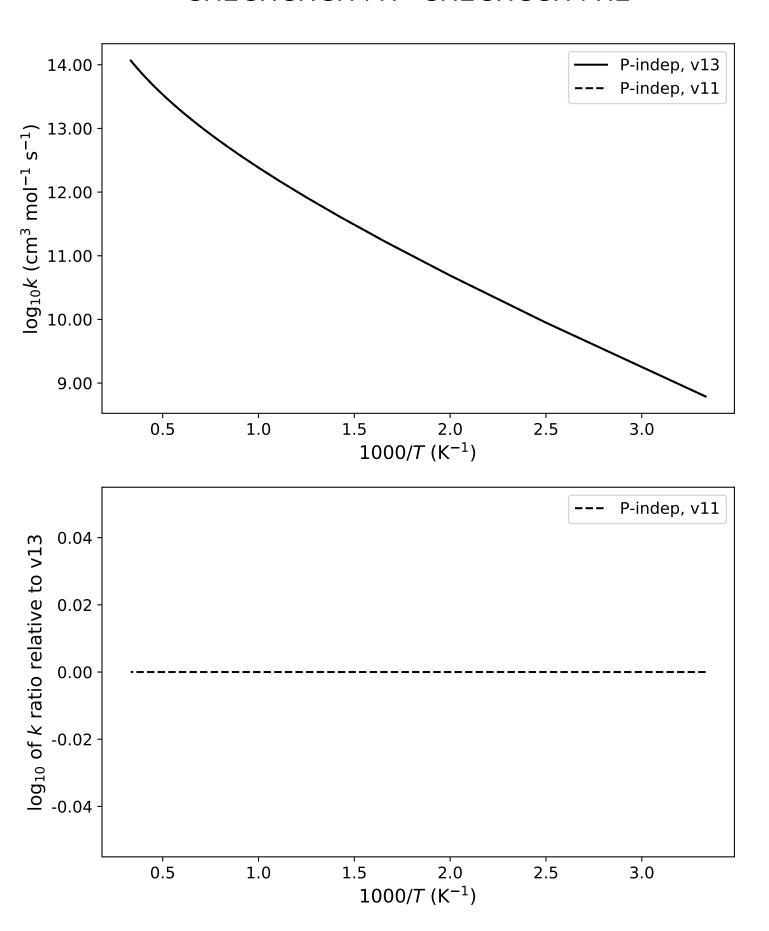
### OH+C2H2=C2H+H2O



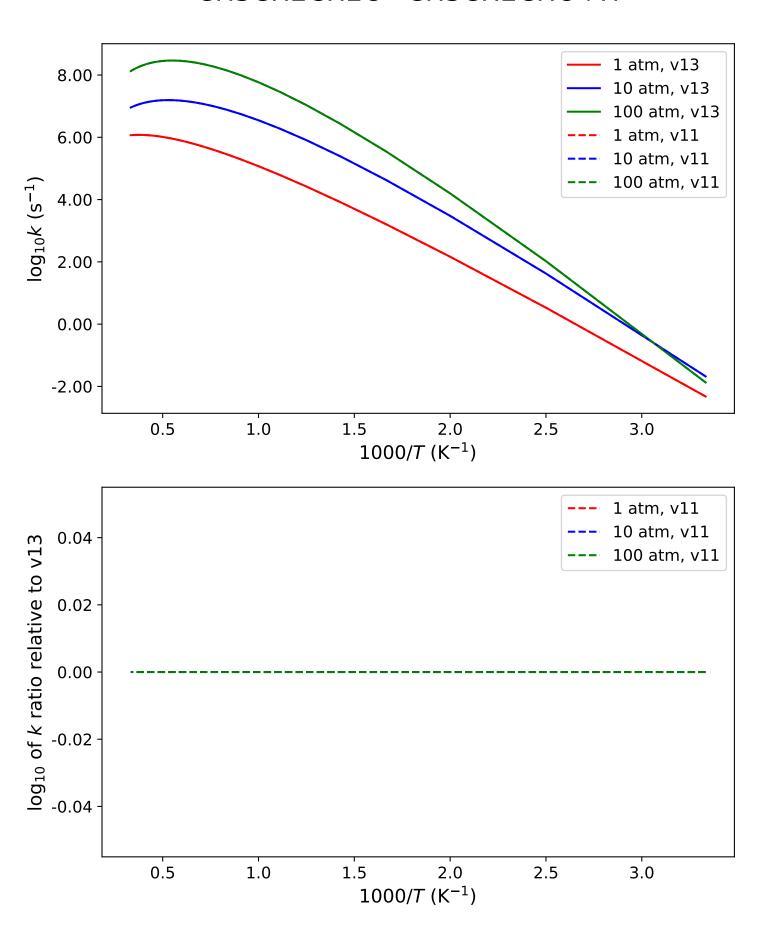
### CH3CCCH2+H=CH2CHCCH2+H



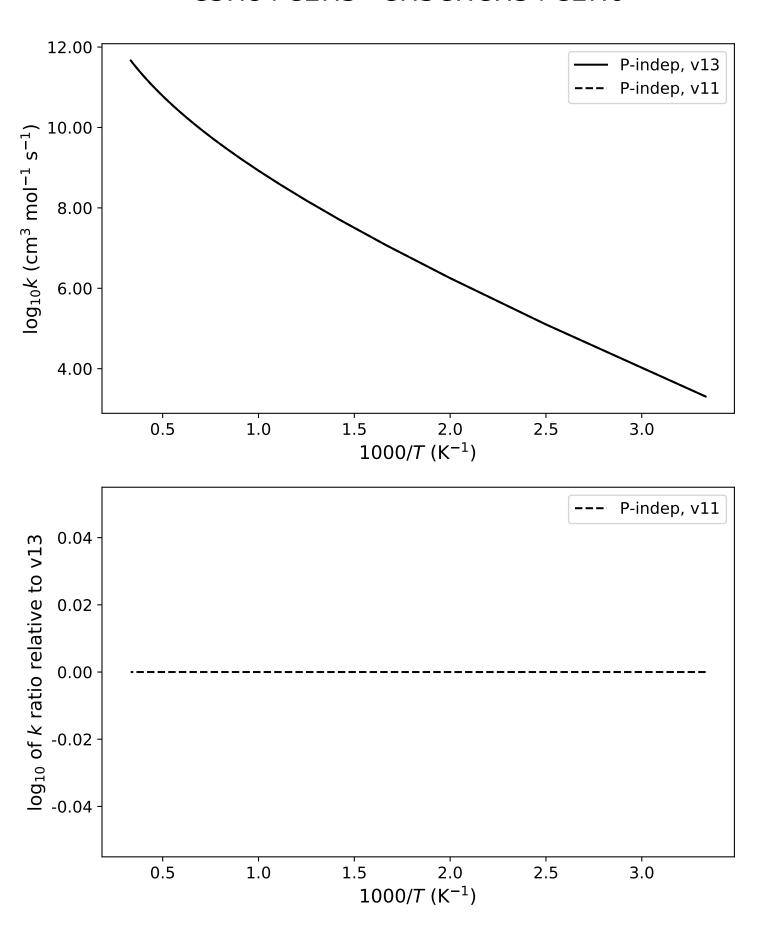
### CH2CHCHCH+H=CH2CHCCH+H2



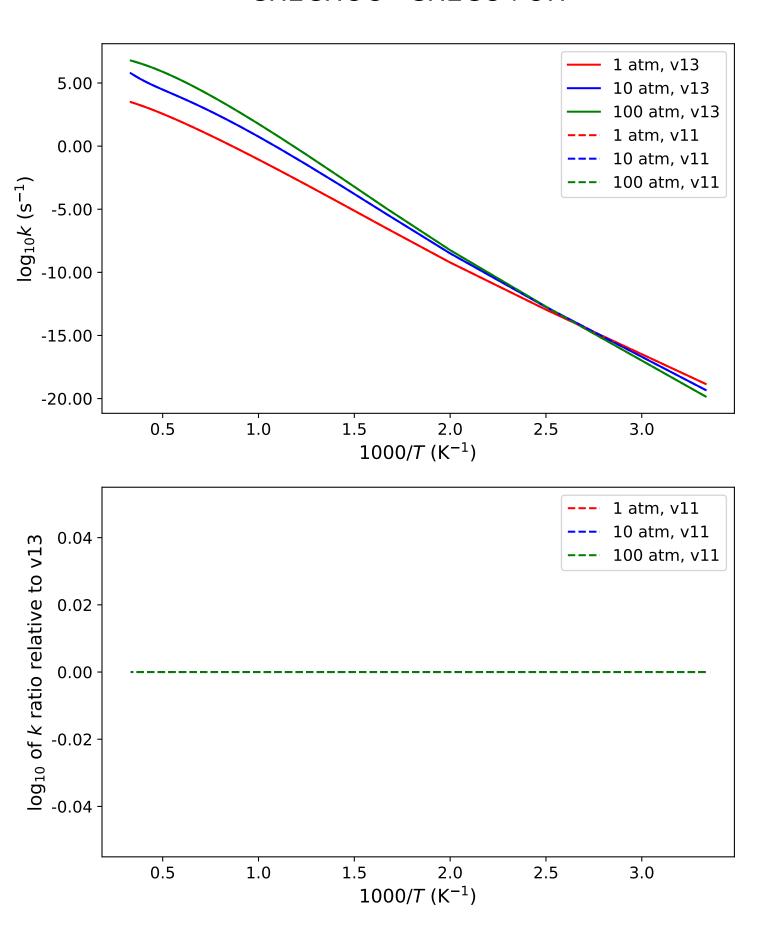
### CH3CH2CH2O=CH3CH2CHO+H



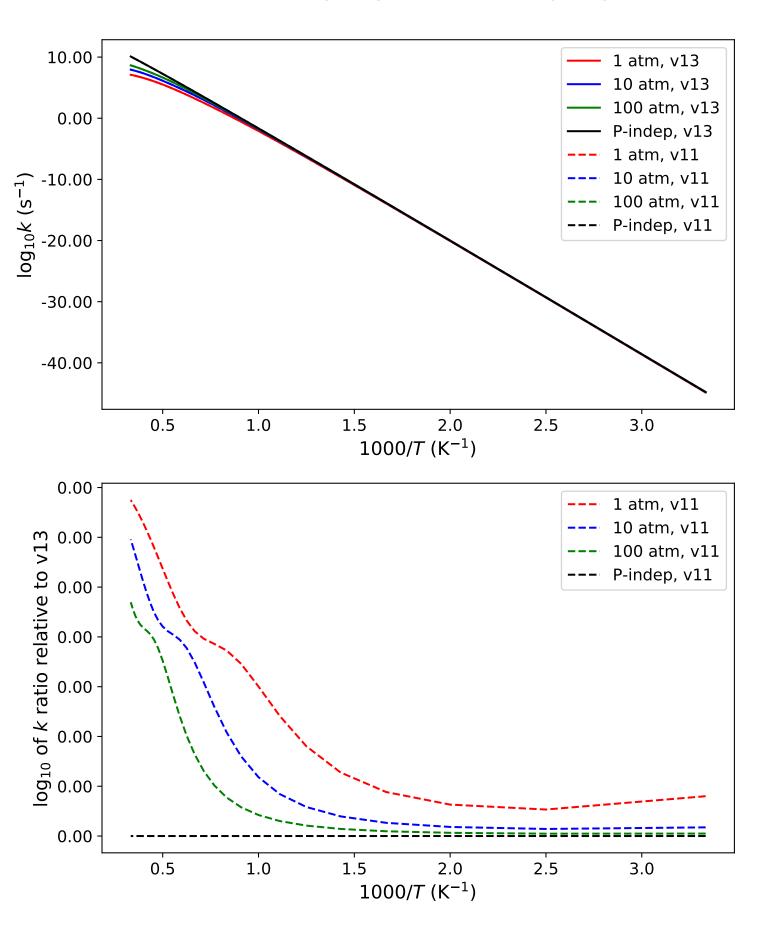
### C3H8+C2H5=CH3CHCH3+C2H6



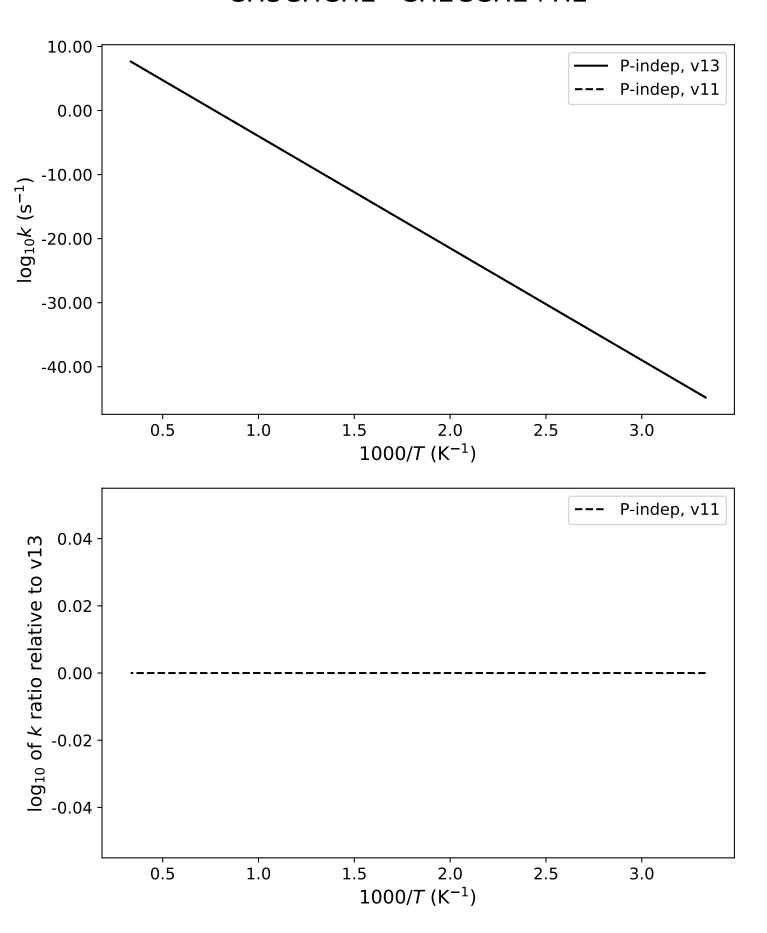
### CH2CHOO=CH2CO+OH



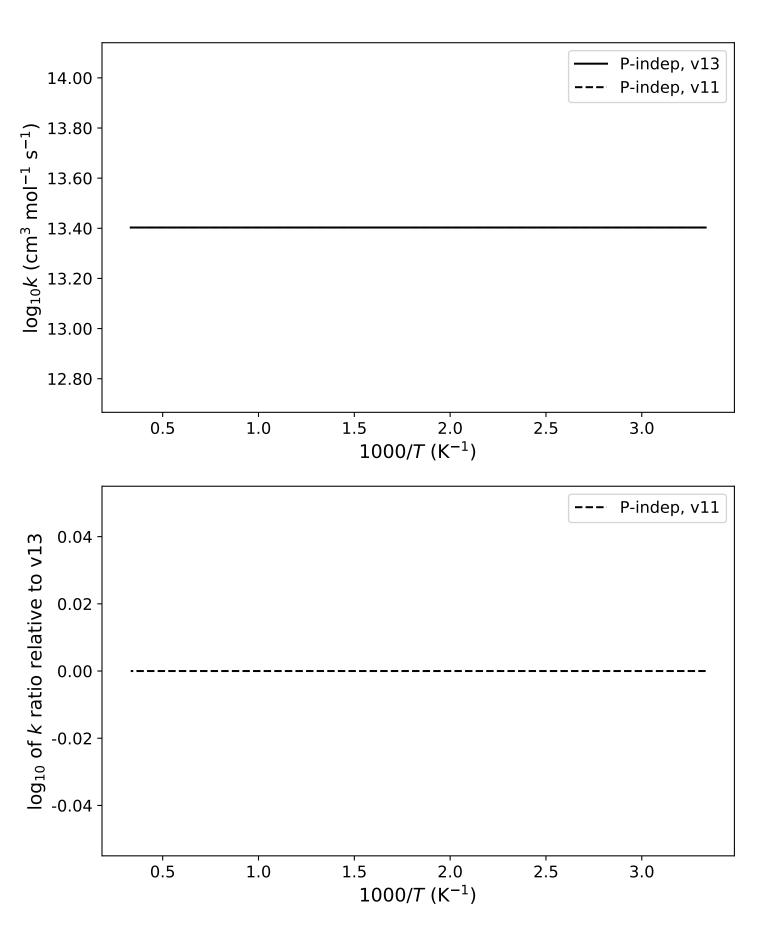
## CH3CHO(+M)=CH3+HCO(+M)



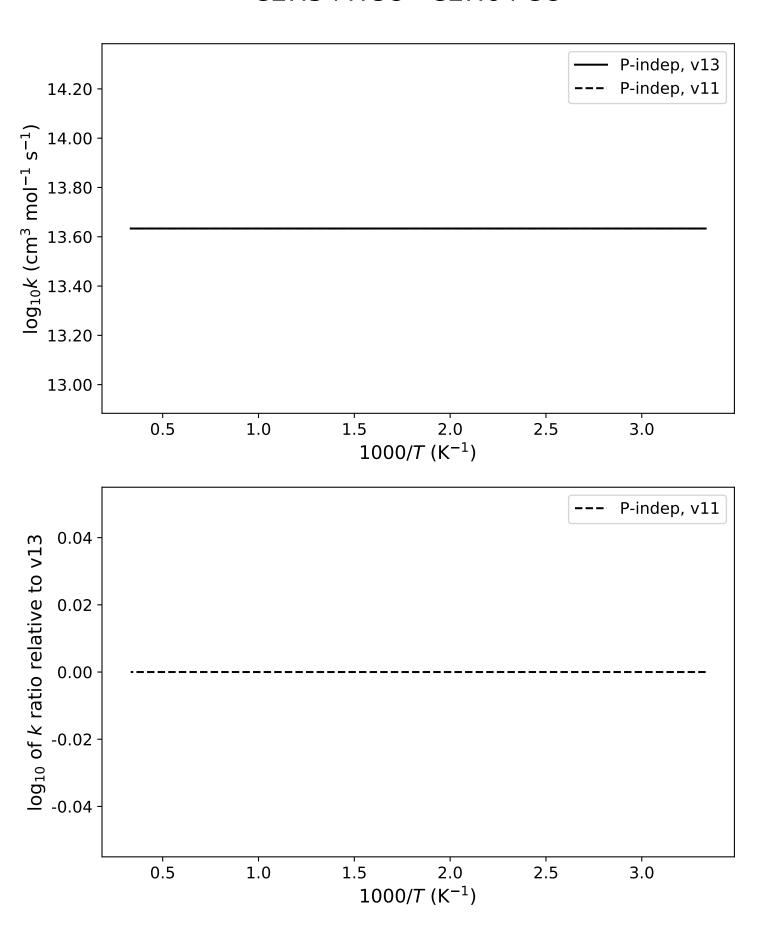
### CH3CHCH2=CH2CCH2+H2



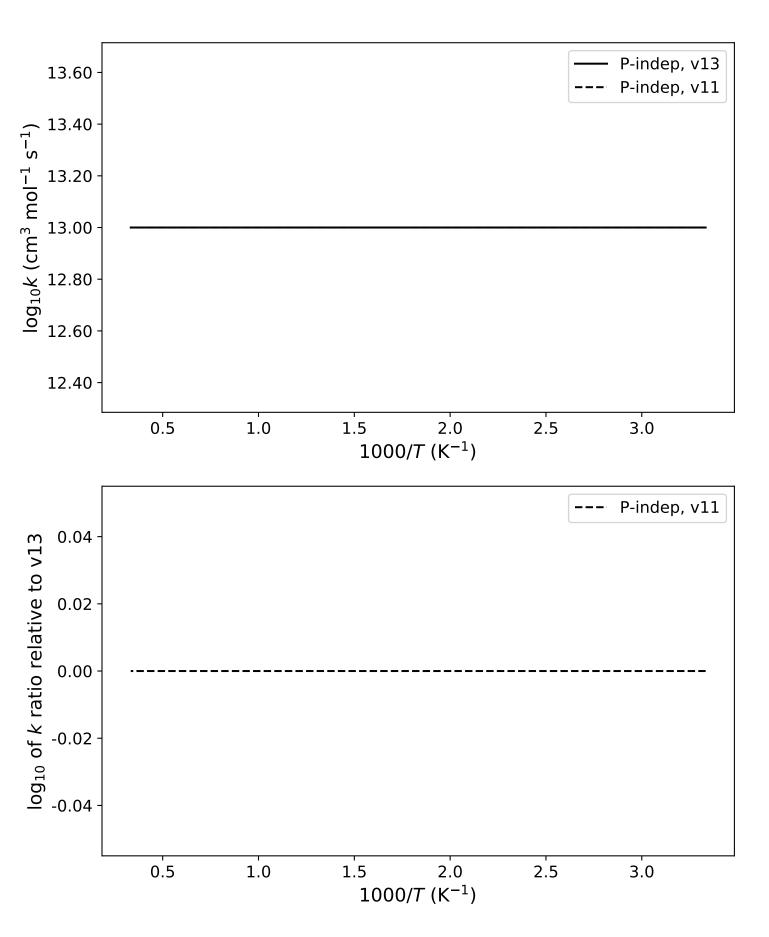
### CH+O2=CO2+H



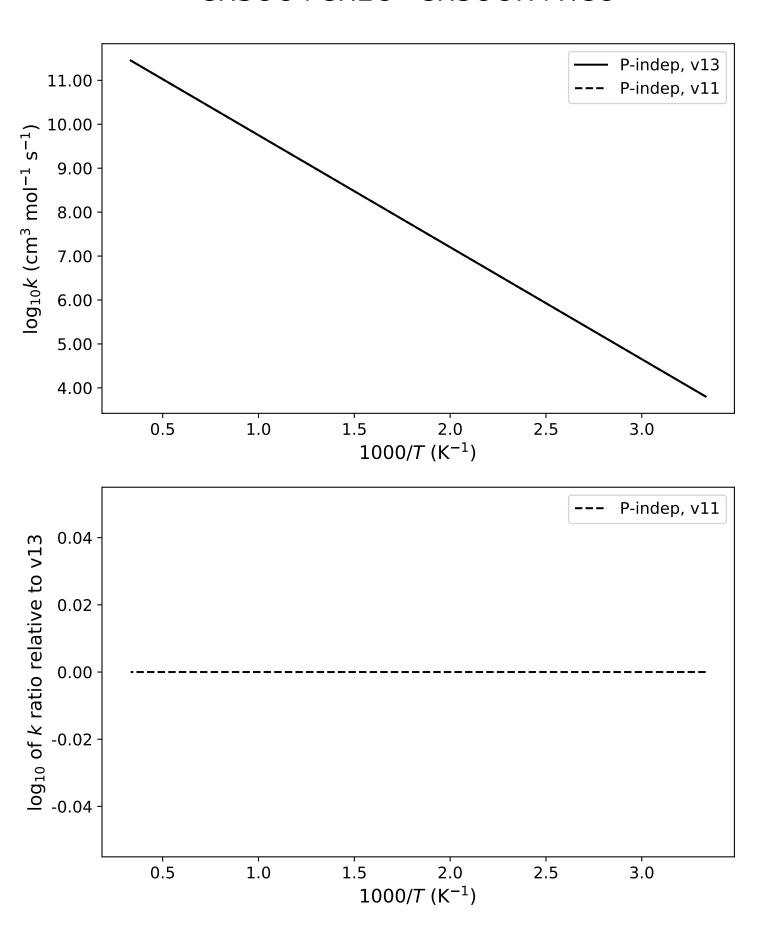
### C2H5+HCO=C2H6+CO



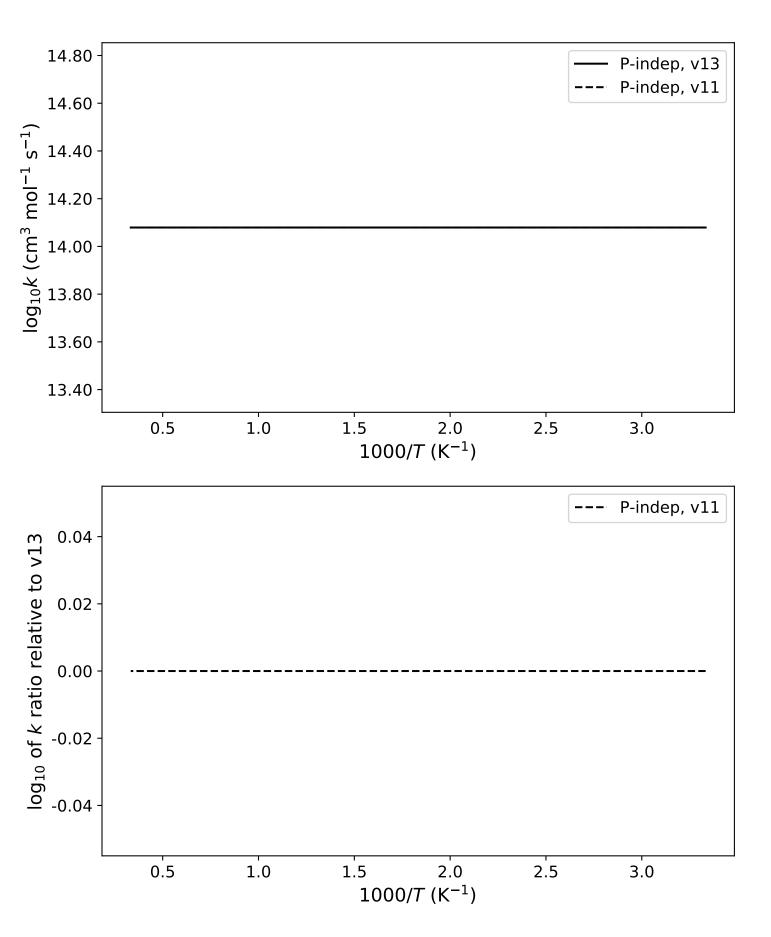
## CH2C+O2=H+H+CO+CO



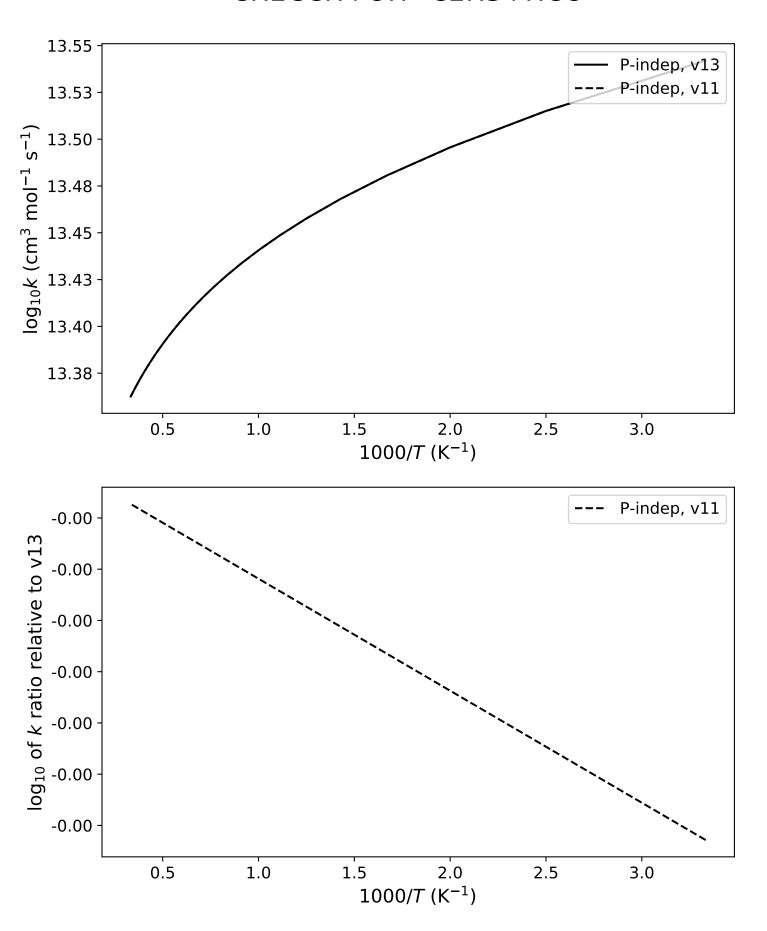
### CH3OO+CH2O=CH3OOH+HCO



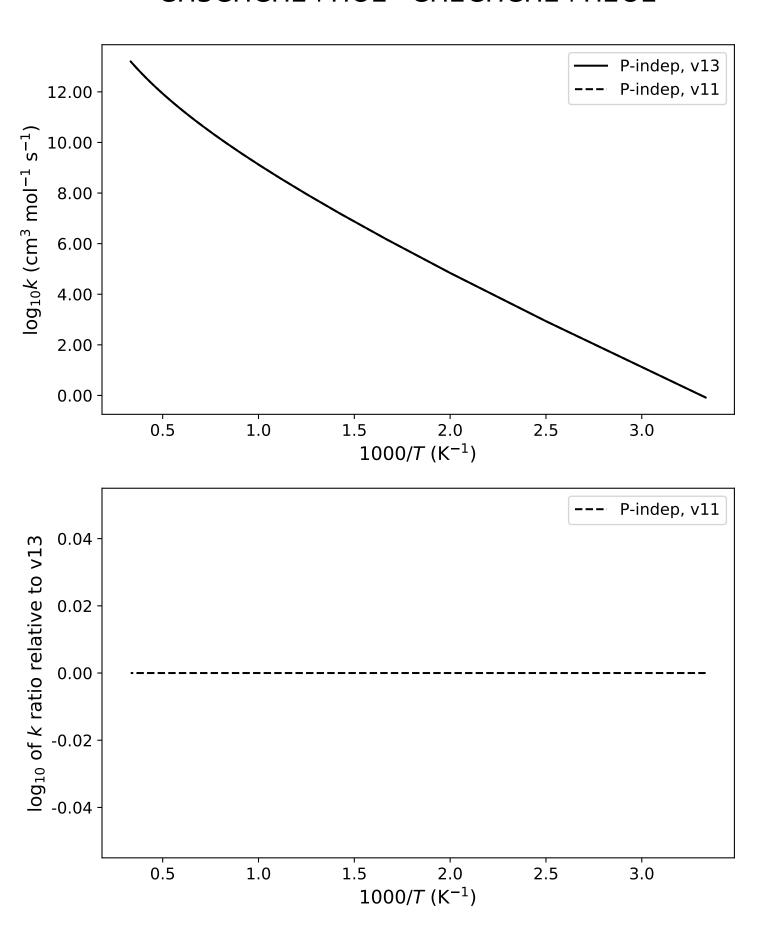
### CH+H=C+H2



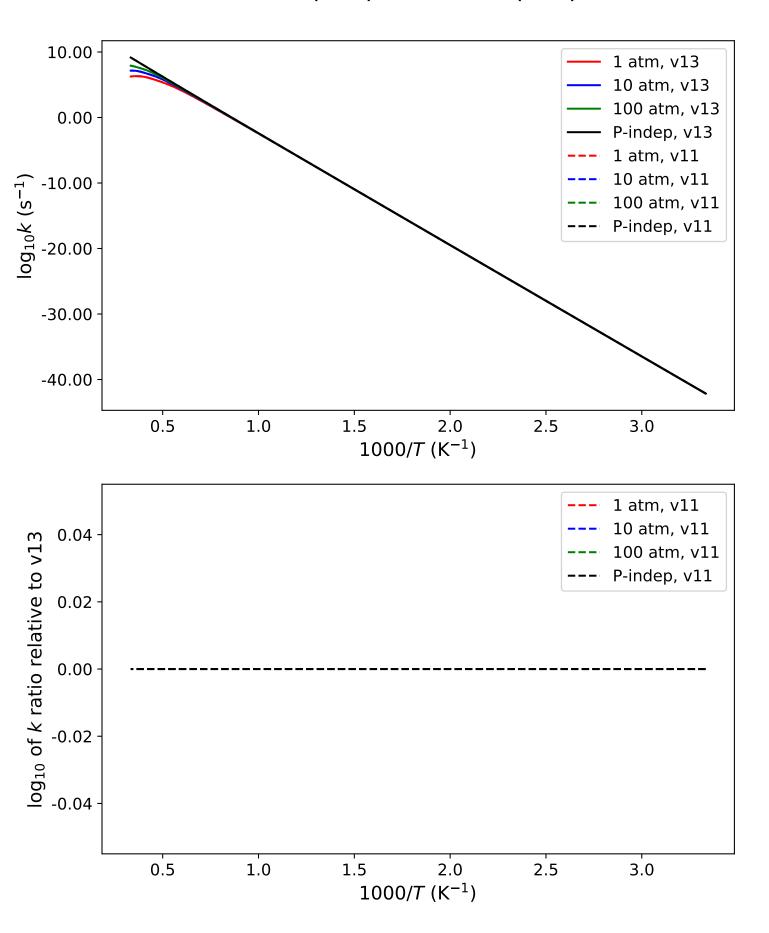
## CH2CCH+OH=C2H3+HCO



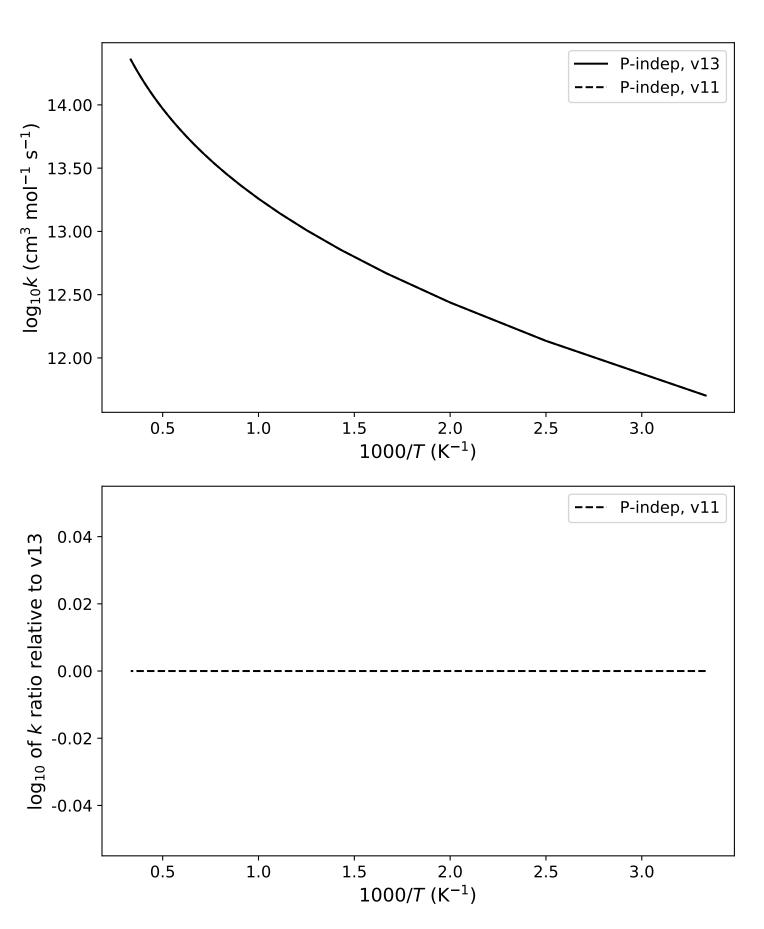
## CH3CHCH2+HO2=CH2CHCH2+H2O2



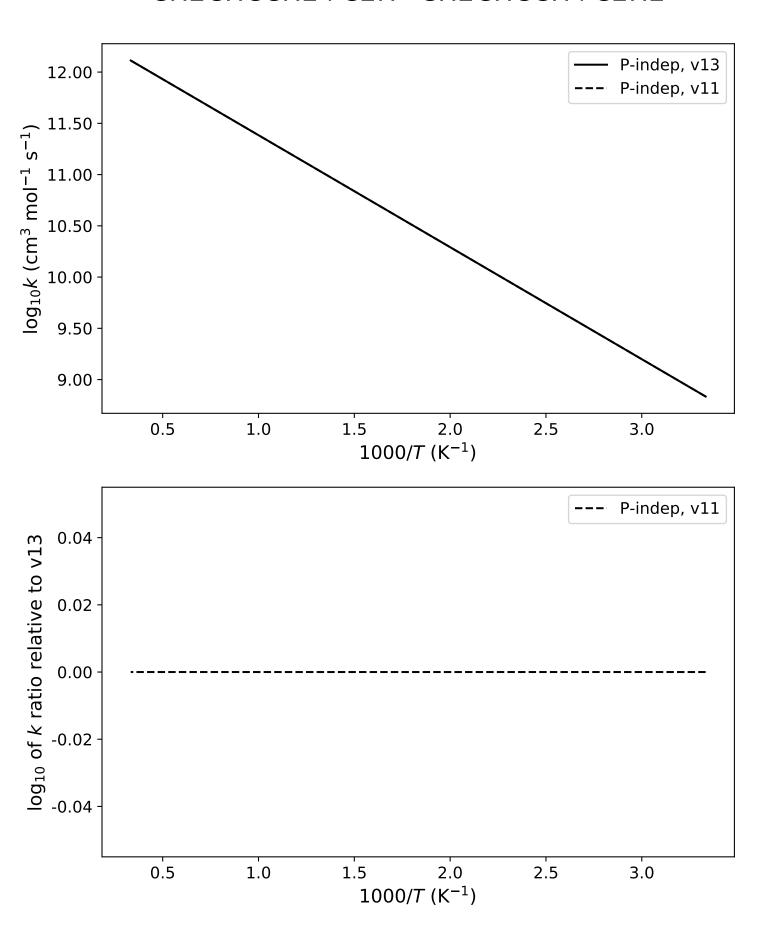
### C6H5(+M) = C6H4 + H(+M)



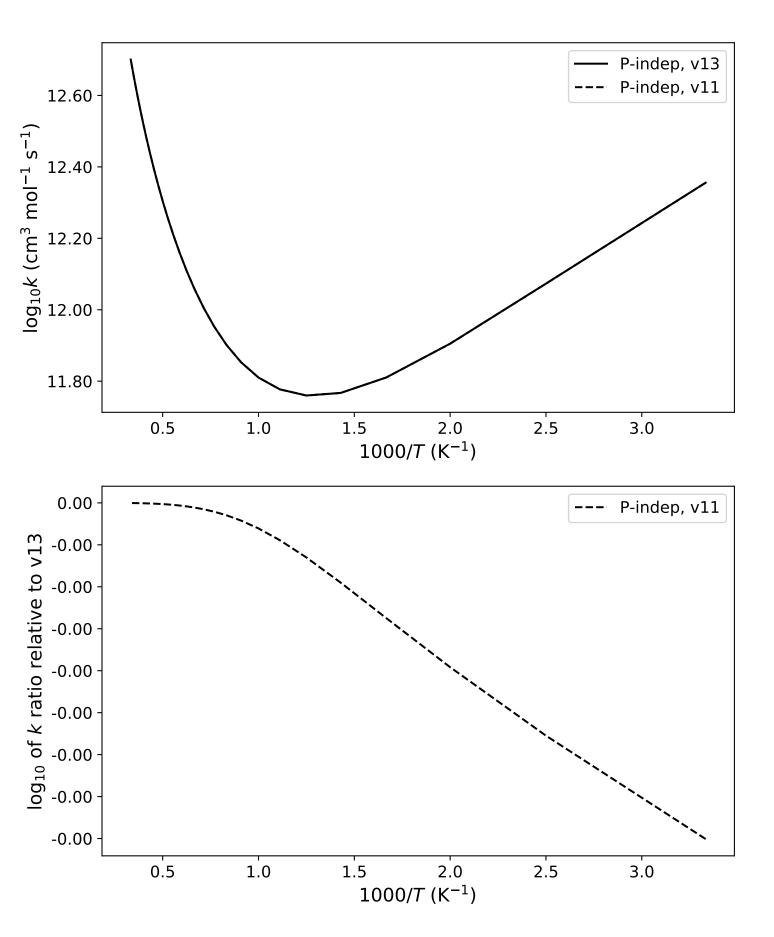
# CHCOH+H=HCCO+H2



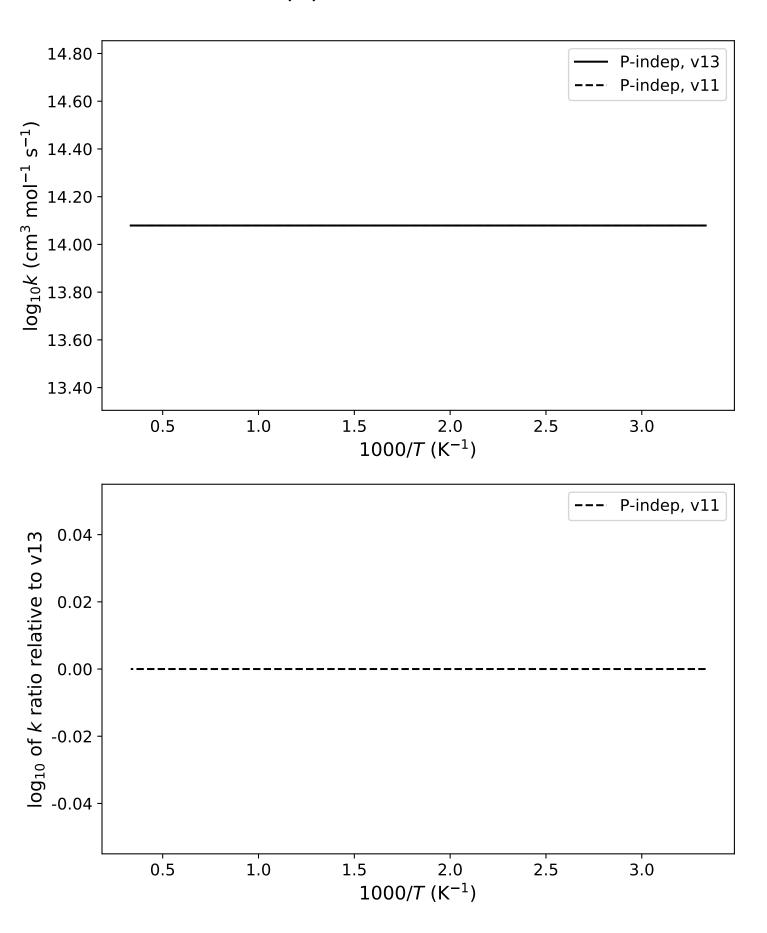
### CH2CHCCH2+C2H=CH2CHCCH+C2H2



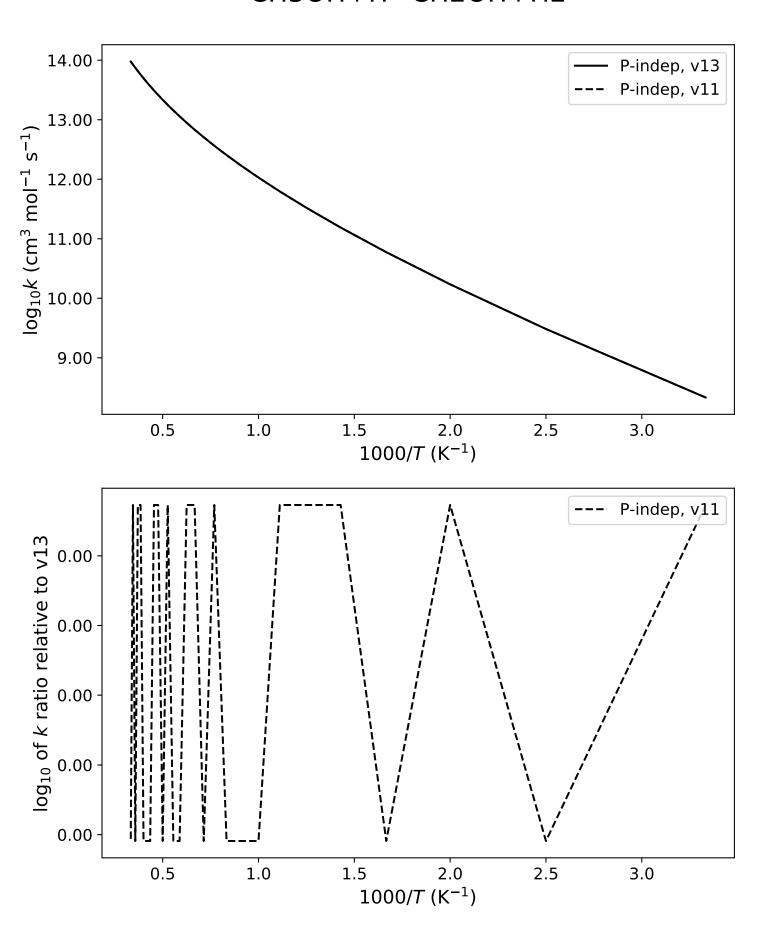
### HO2+HO2=H2O2+O2



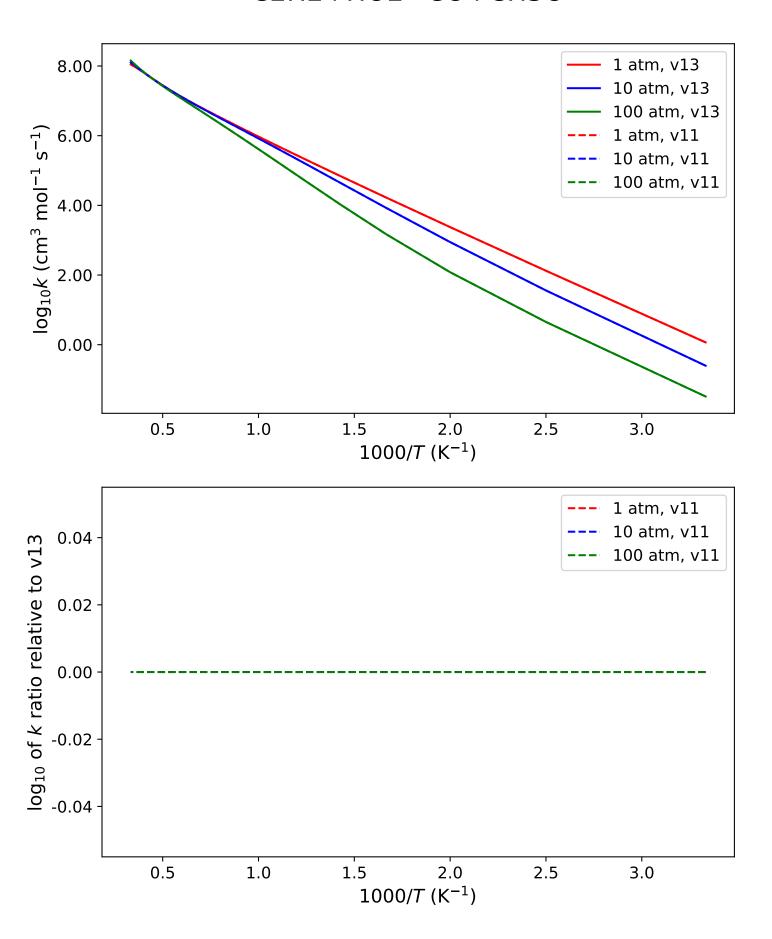
# CH2(S)+C2H6=CH3+C2H5



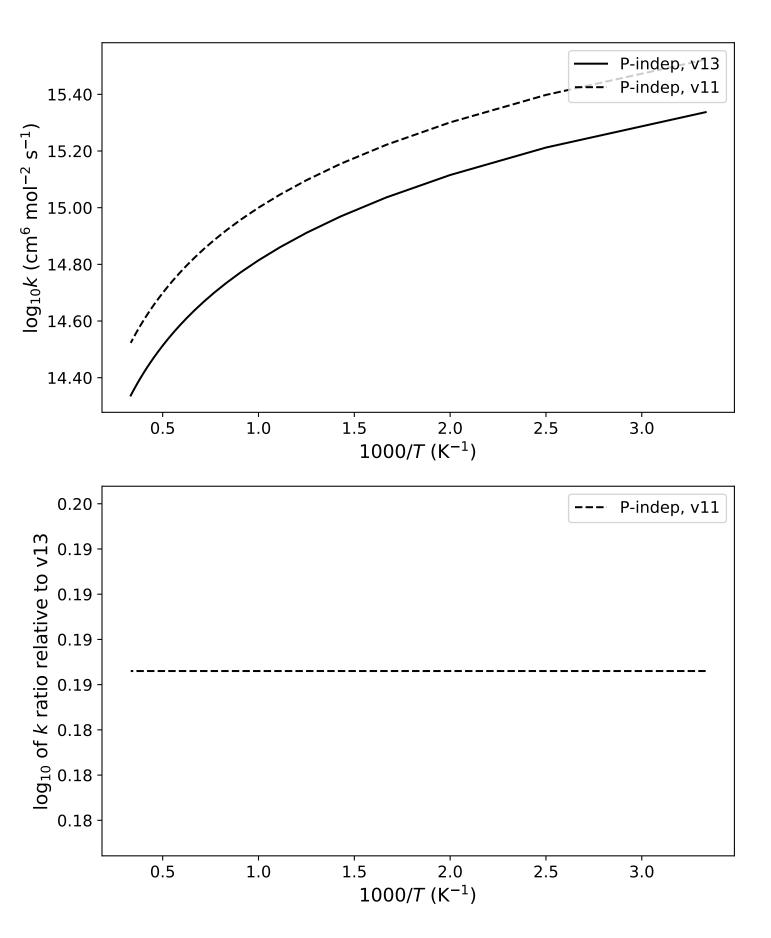
## CH3OH+H=CH2OH+H2



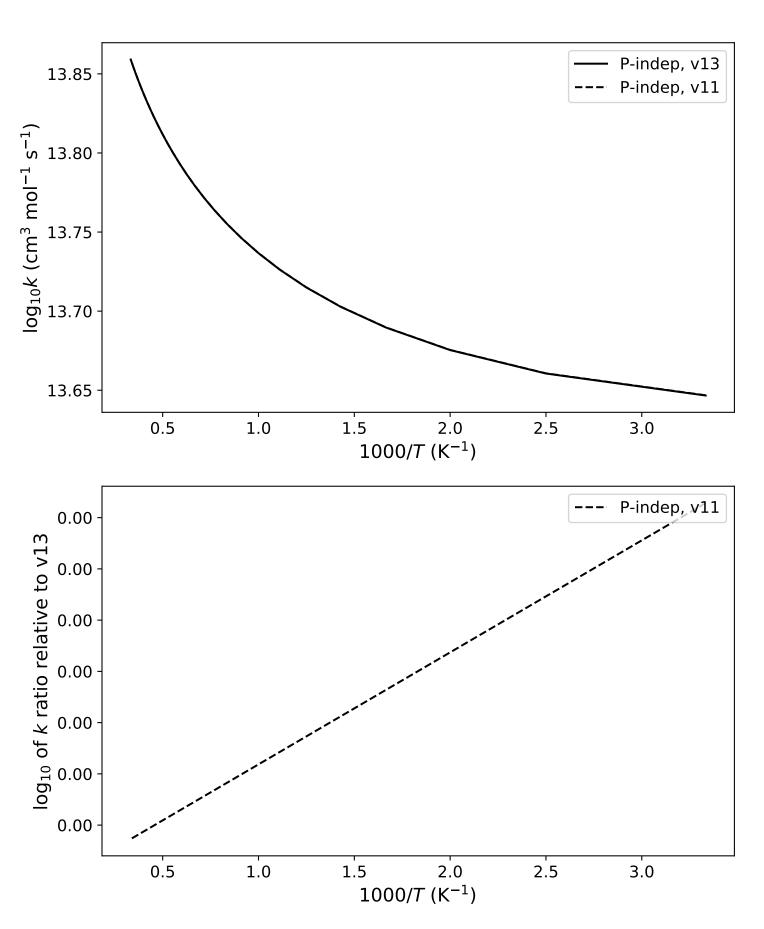
#### C2H2+HO2=CO+CH3O



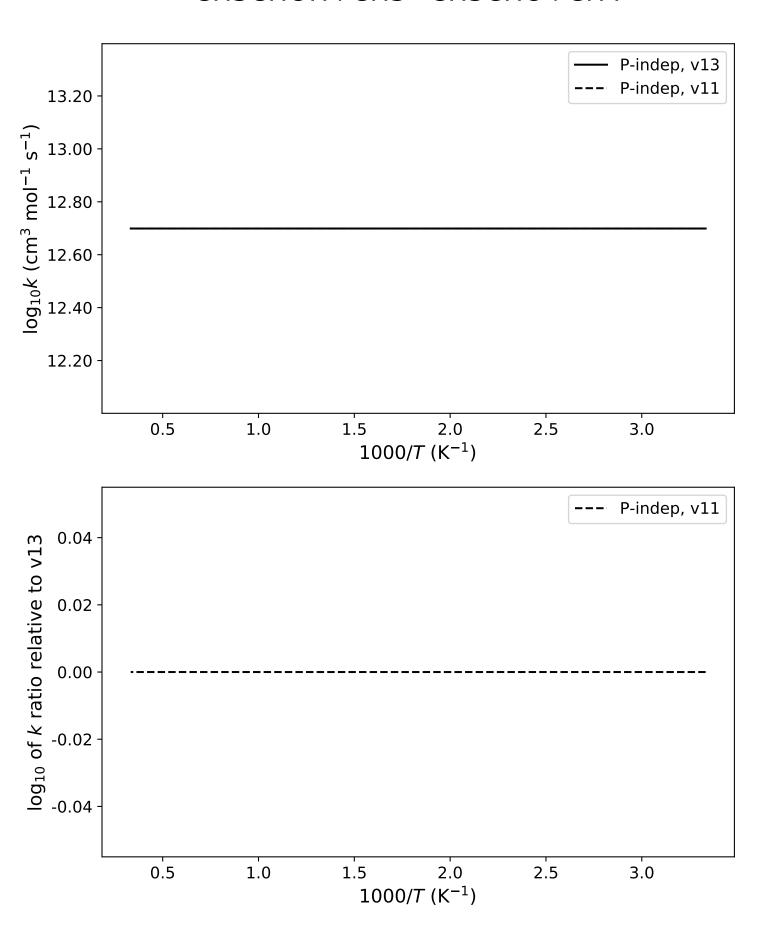
## H+H+M=H2+M



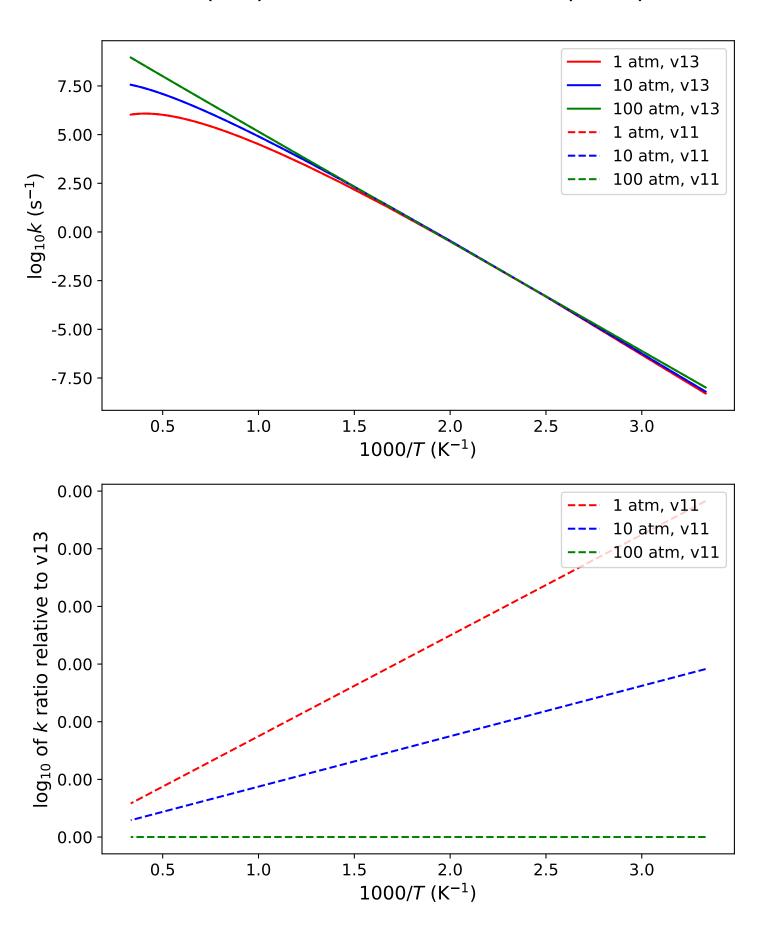
# HO2+H=OH+OH



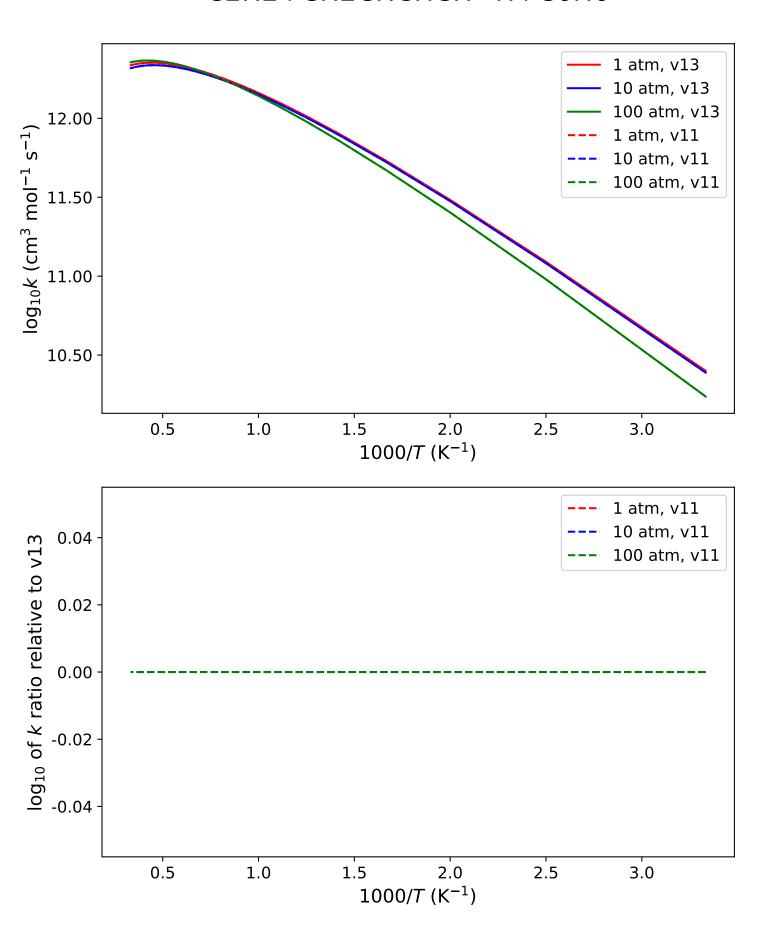
### CH3CHOH+CH3=CH3CHO+CH4



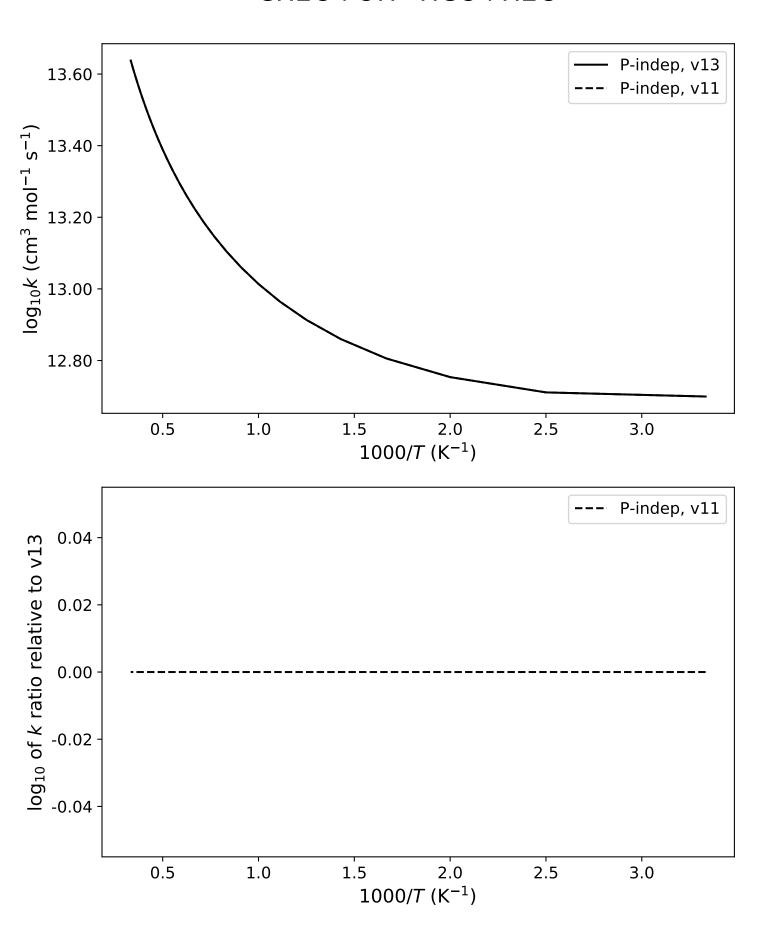
## CH3CH(OO)CH2OOH=OH+CH3CH(OOH)CHO



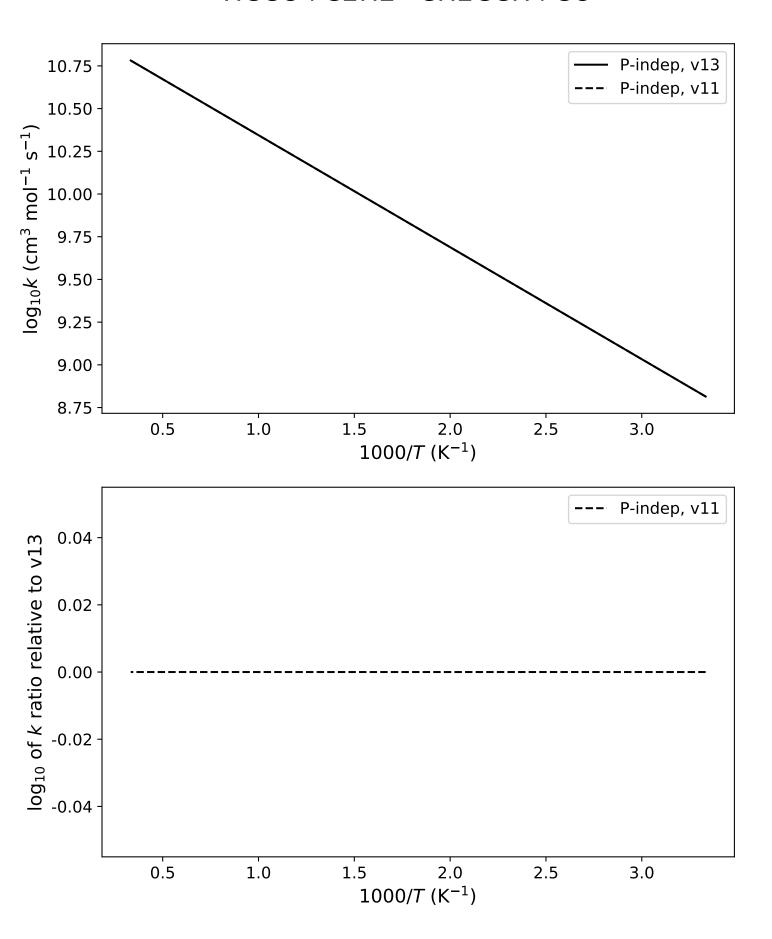
### C2H2+CH2CHCHCH=H+C6H6



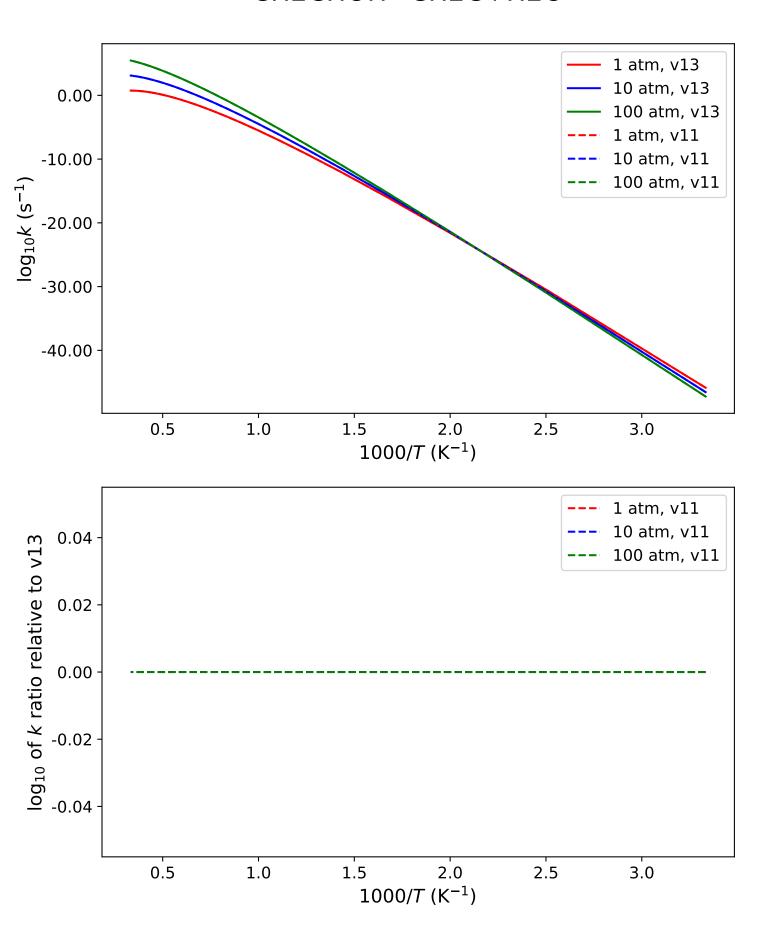
# CH2O+OH=HCO+H2O



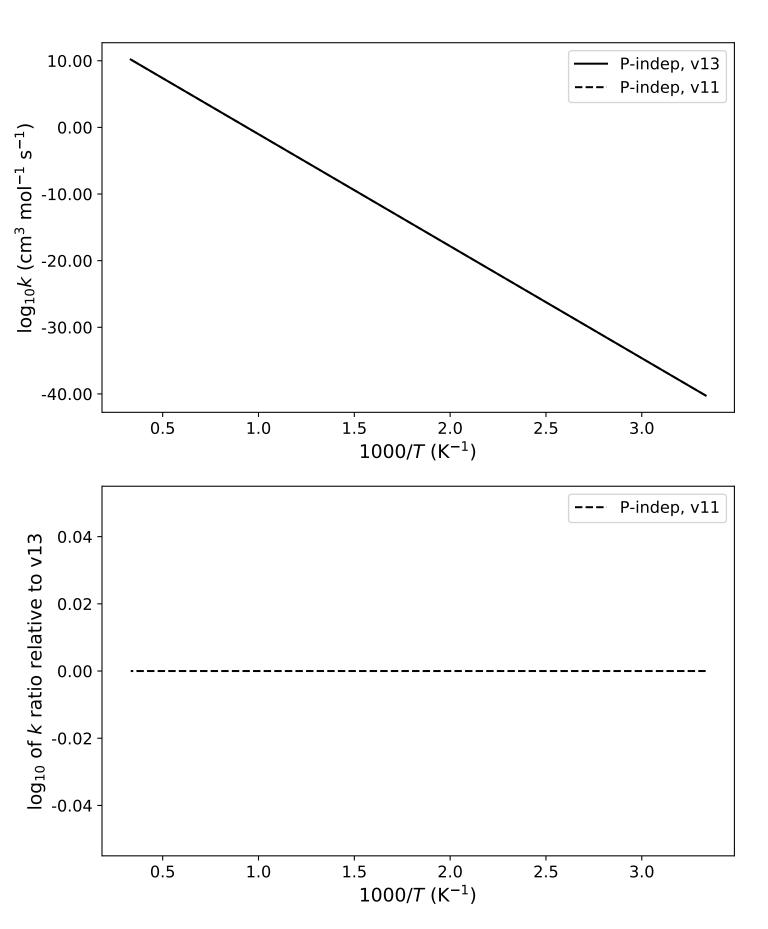
### HCCO+C2H2=CH2CCH+CO



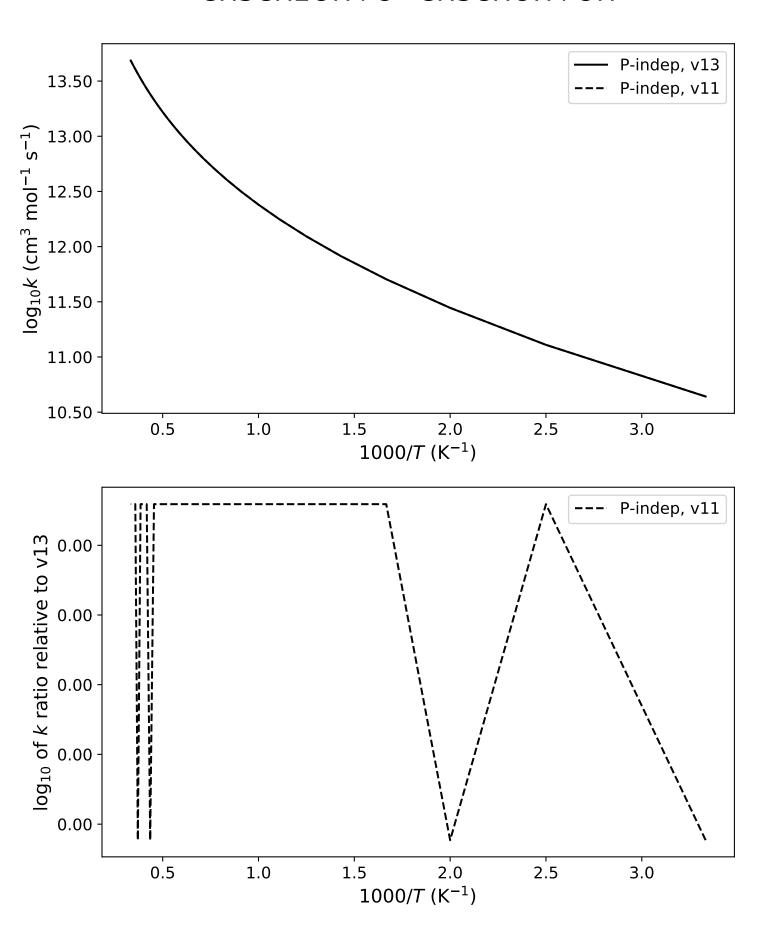
### CH2CHOH=CH2C+H2O



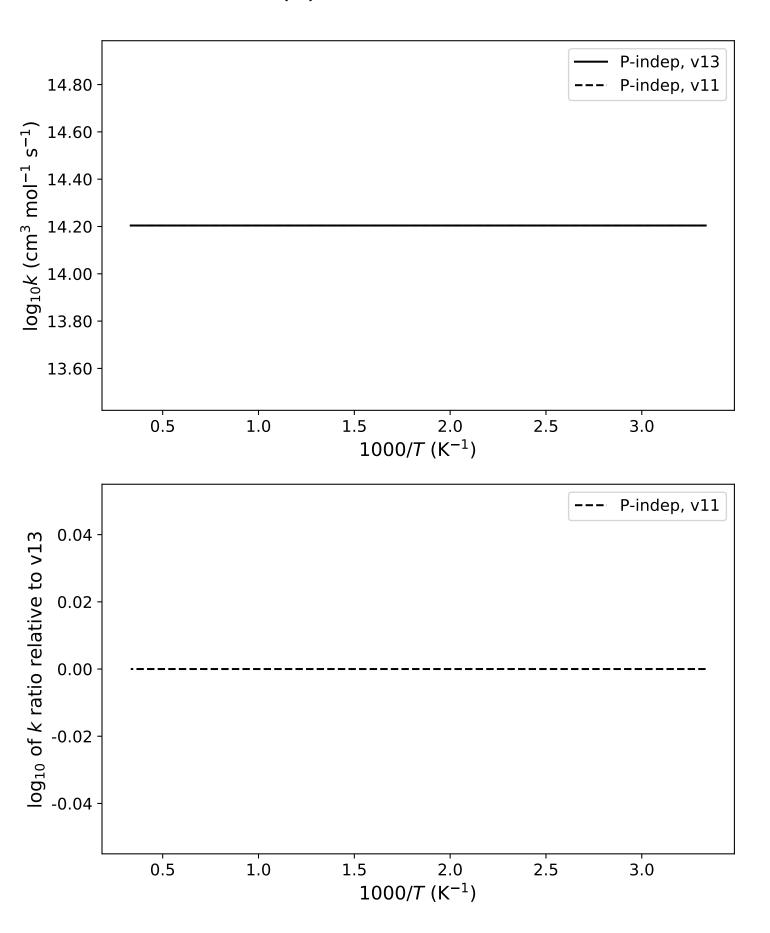
### CH2O+M=HCO+H+M



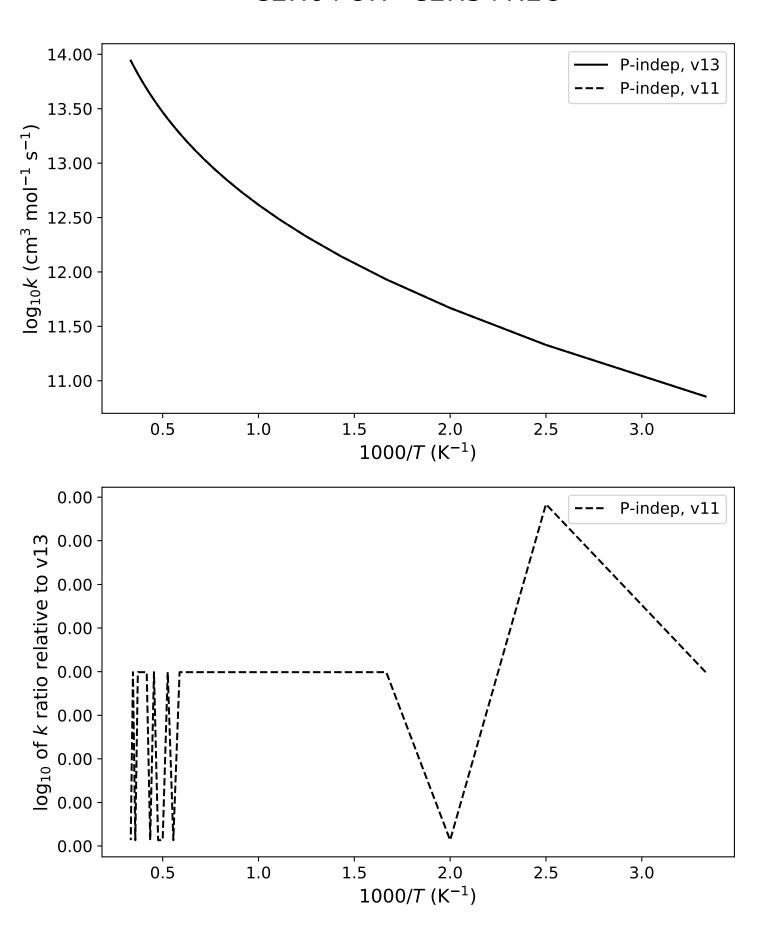
## CH3CH2OH+O=CH3CHOH+OH



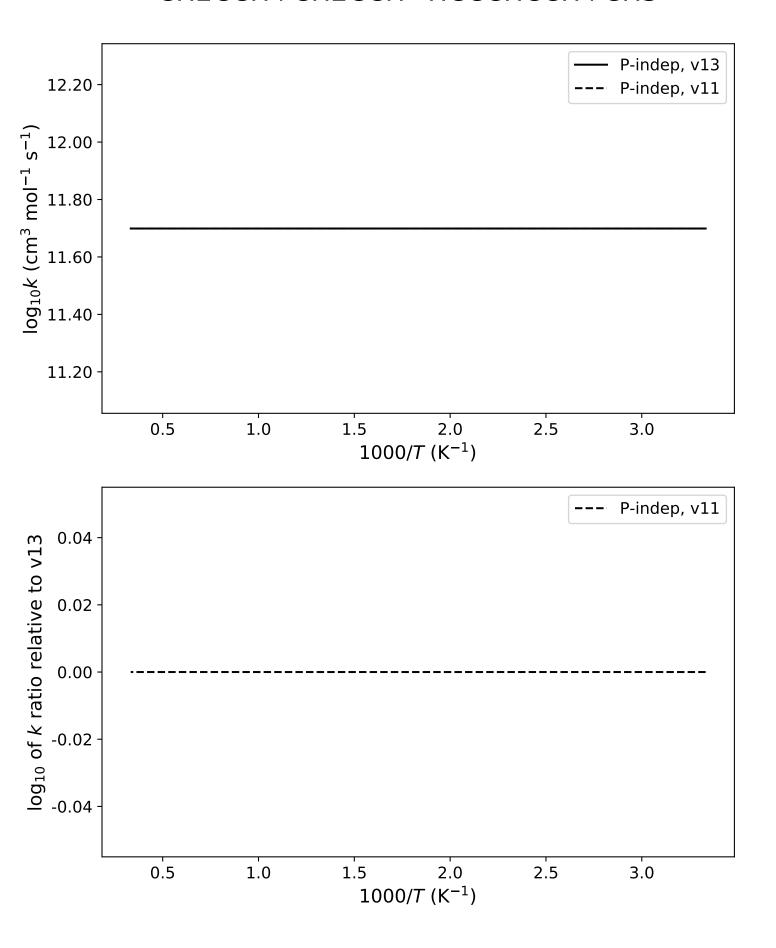
# CH2(S)+CH2CO=C2H4+CO



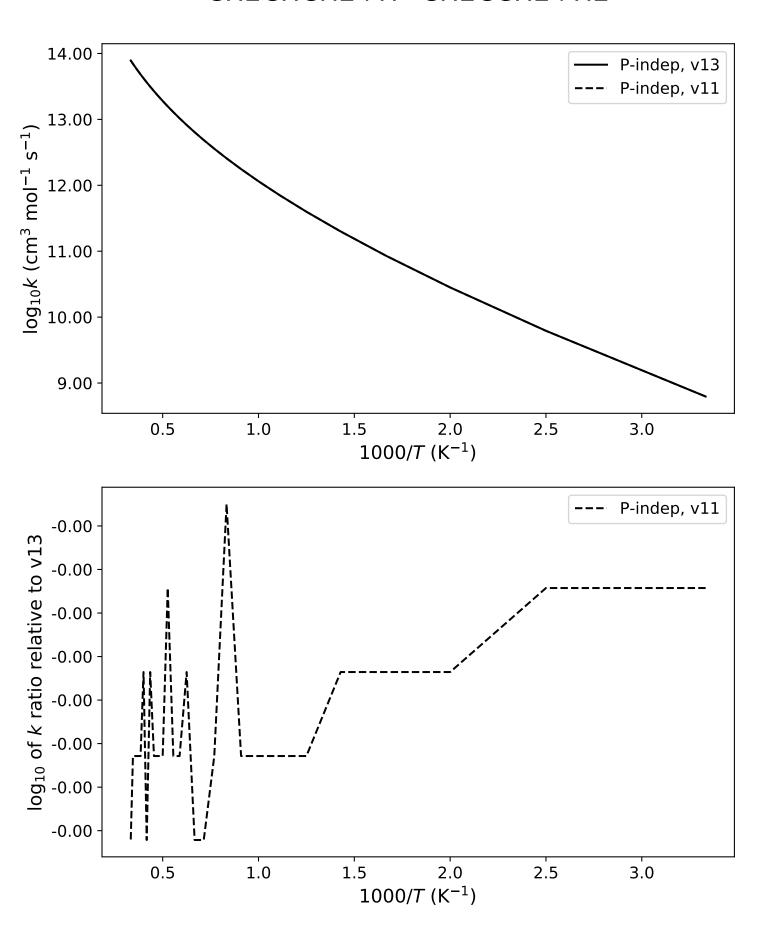
### C2H6+OH=C2H5+H2O



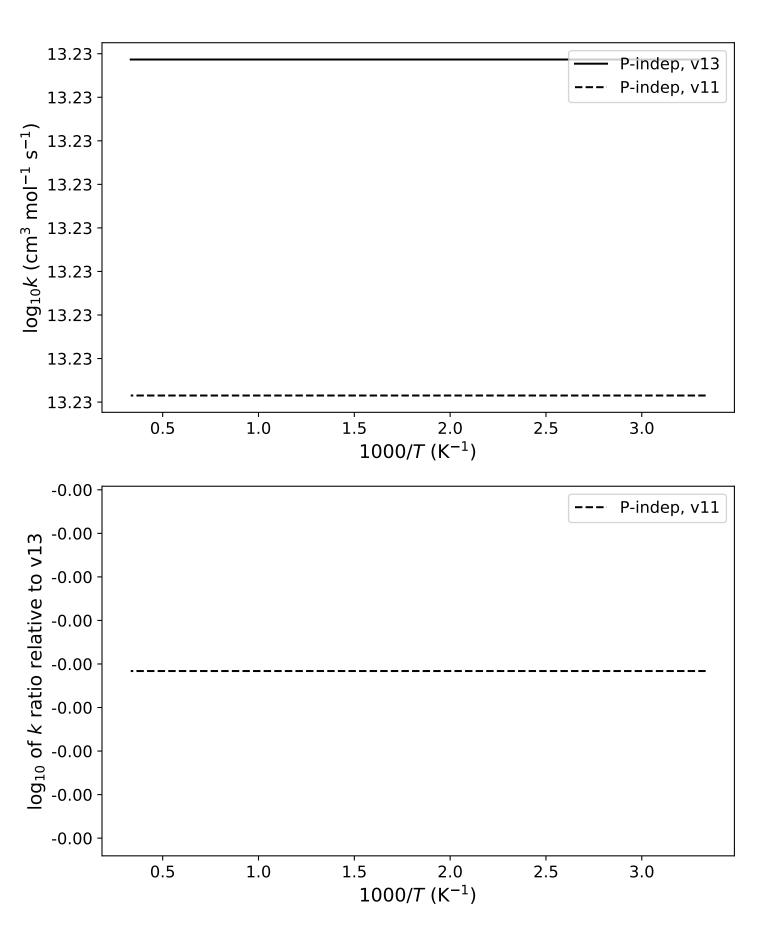
### CH2CCH+CH2CCH=HCCCHCCH+CH3



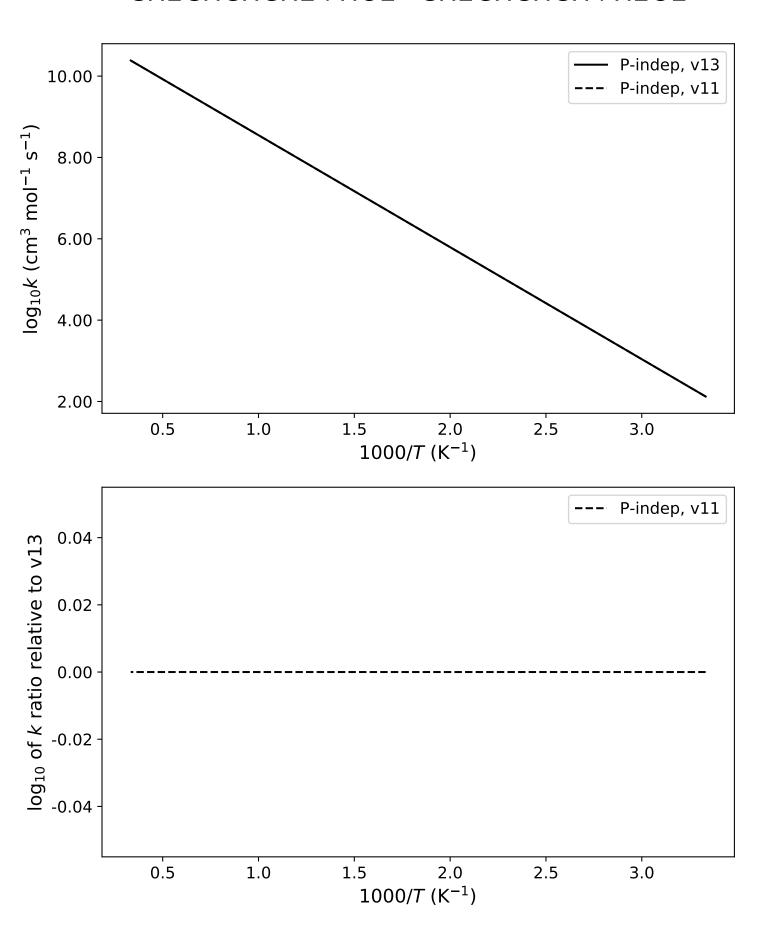
### CH2CHCH2+H=CH2CCH2+H2



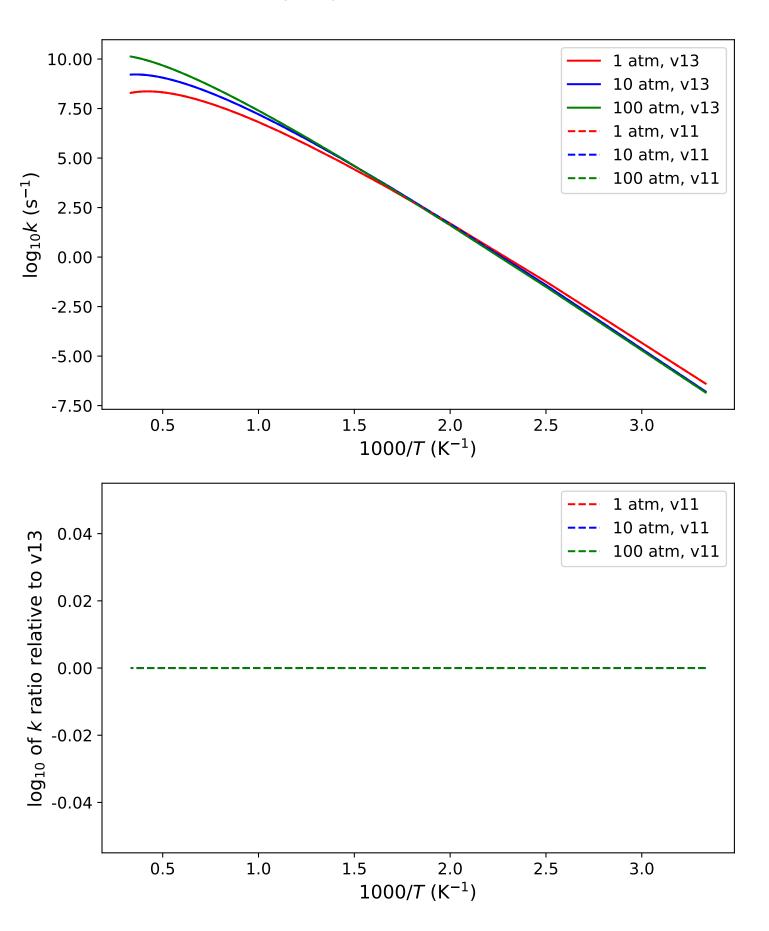
### CH+O2=CO+OH



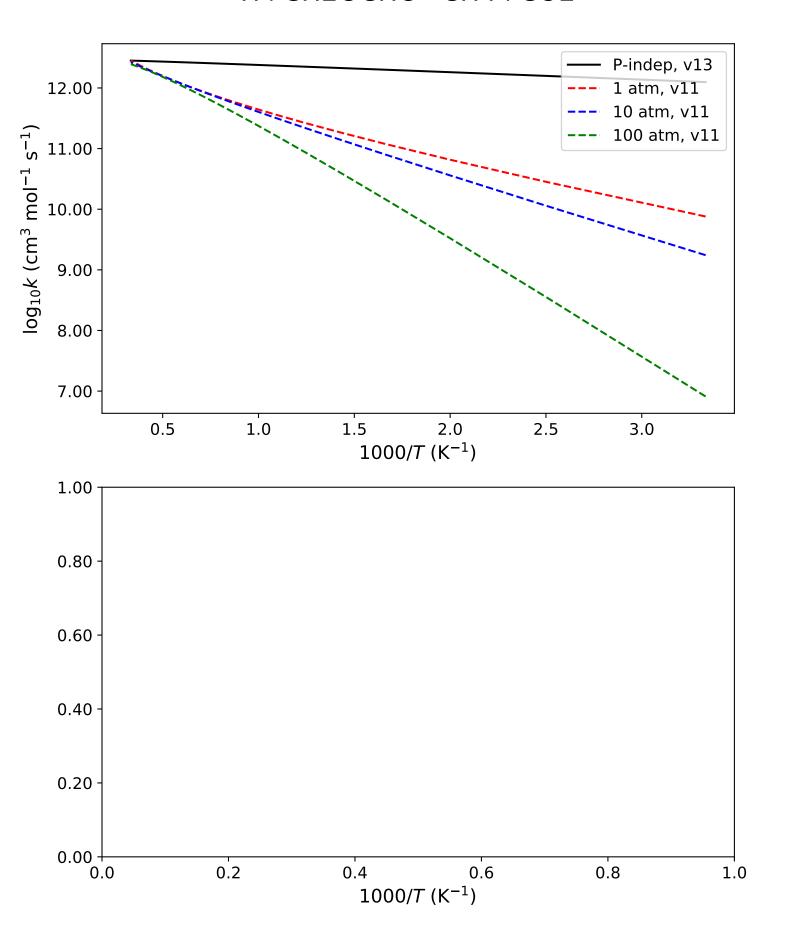
### CH2CHCH2+H02=CH2CHCHCH+H2O2



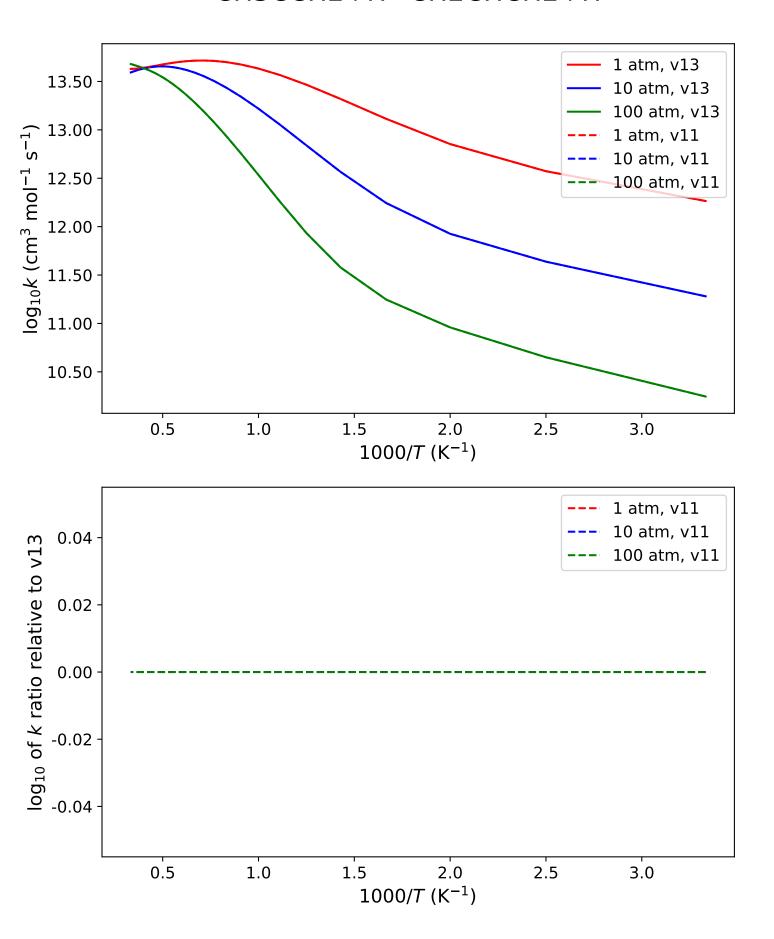
## CH3CH(OH)CH2=CH3CHCH2+OH



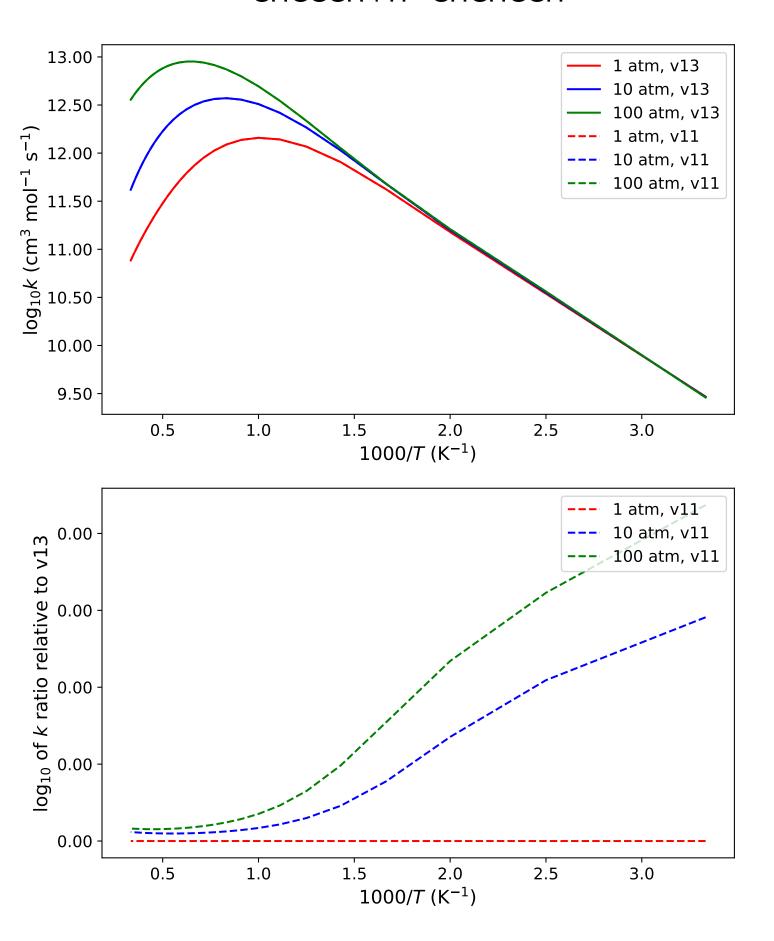
## H+CH2OCHO=CH4+CO2



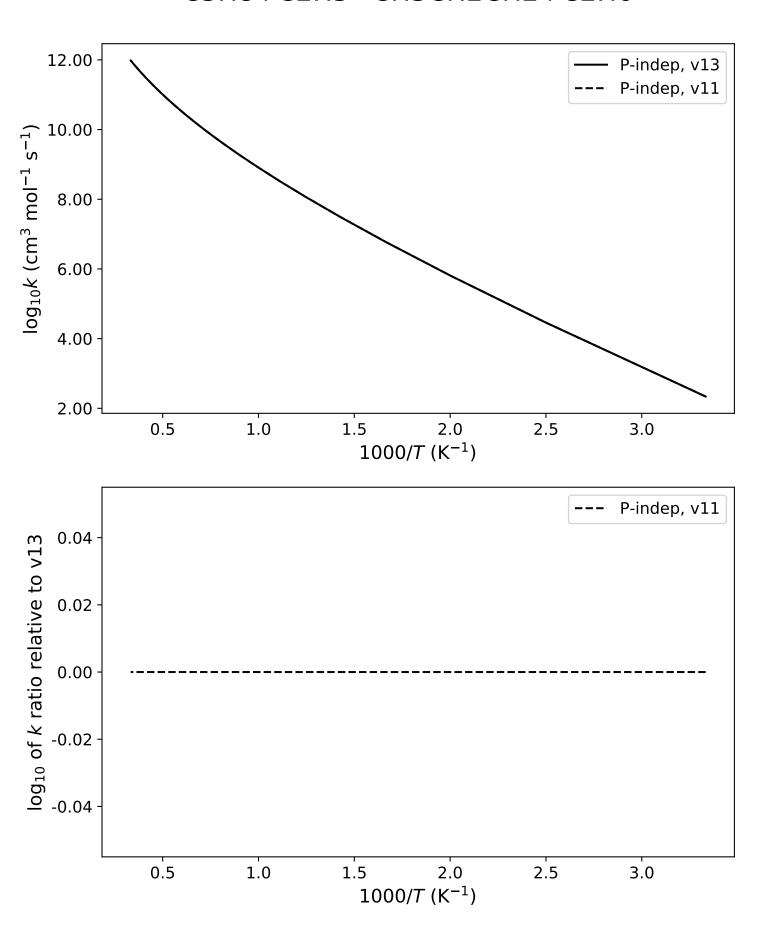
# CH3CCH2+H=CH2CHCH2+H



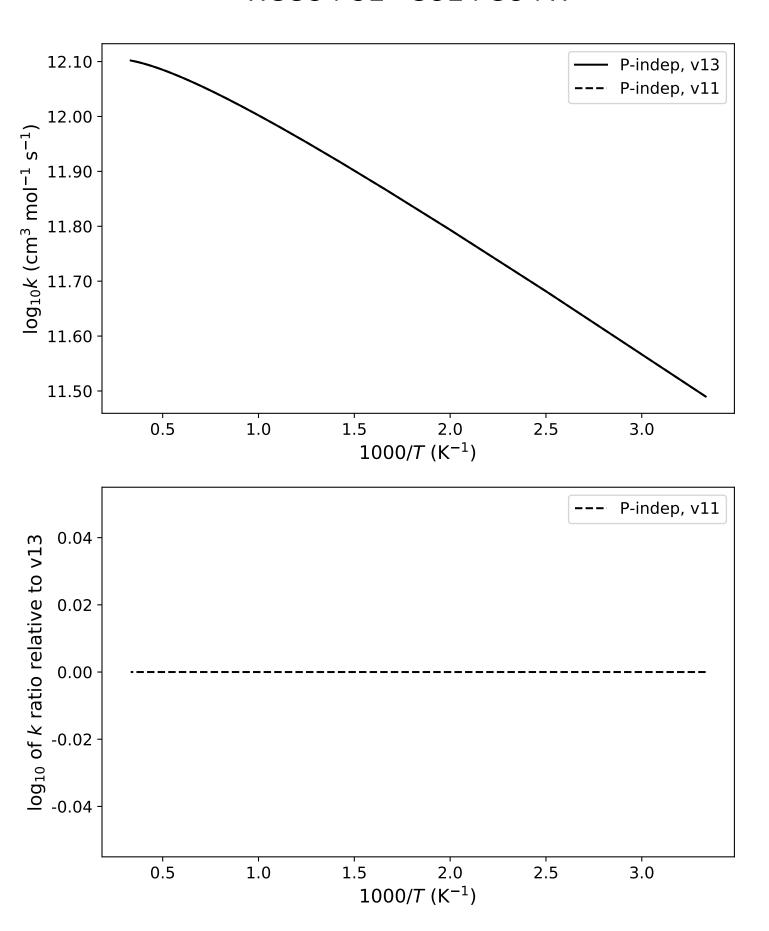
### CHCCCH+H=CHCHCCH



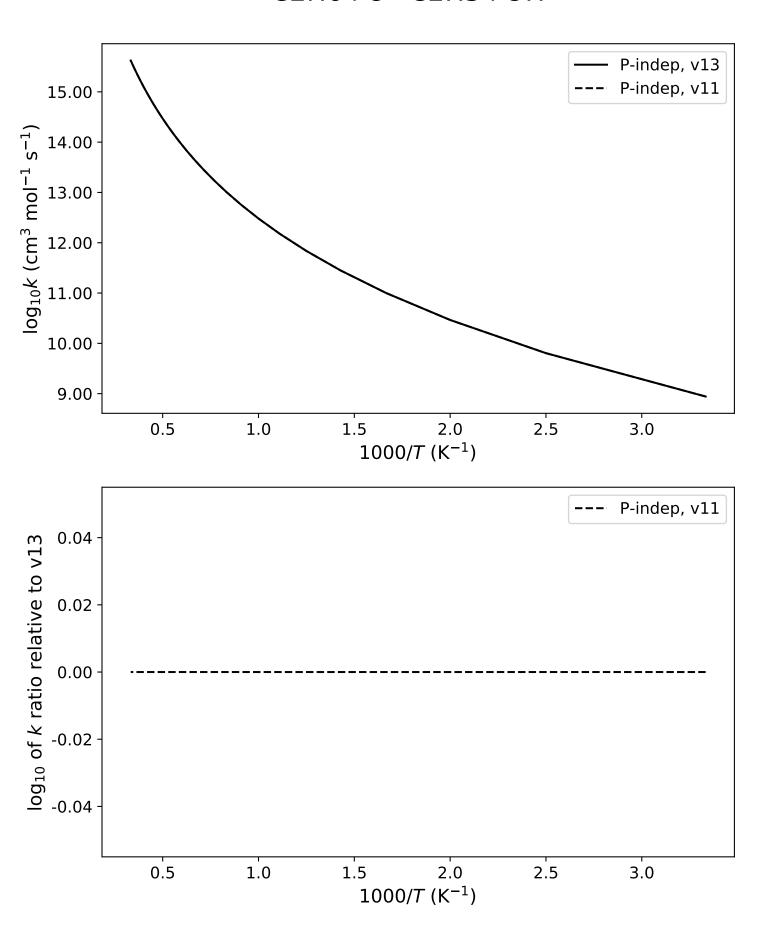
### C3H8+C2H5=CH3CH2CH2+C2H6



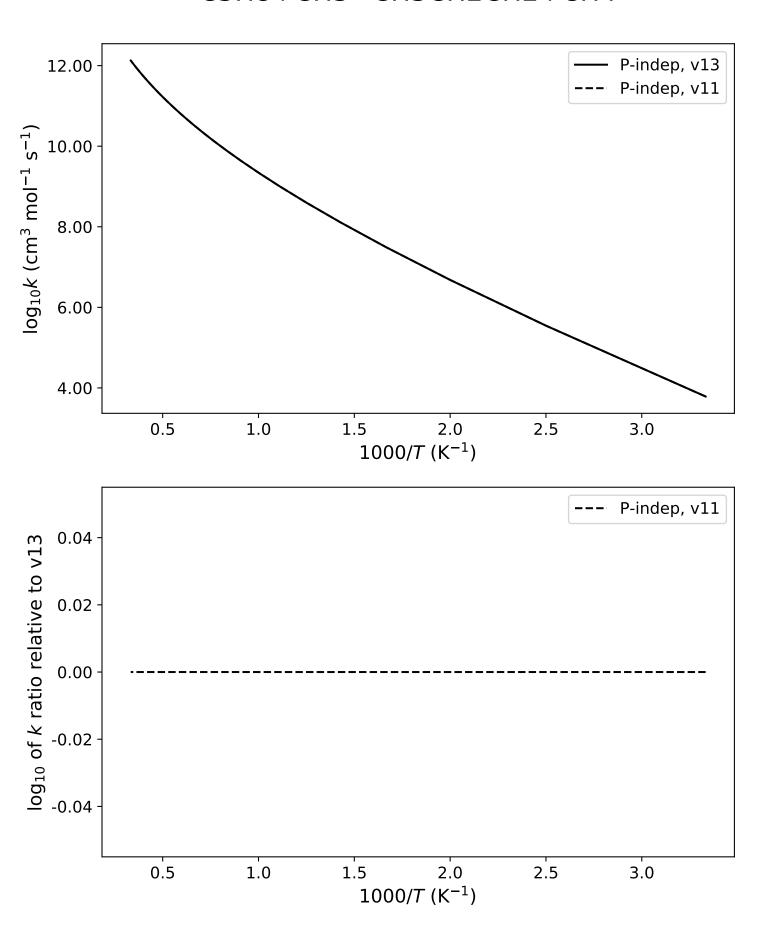
### HCCO+O2=CO2+CO+H



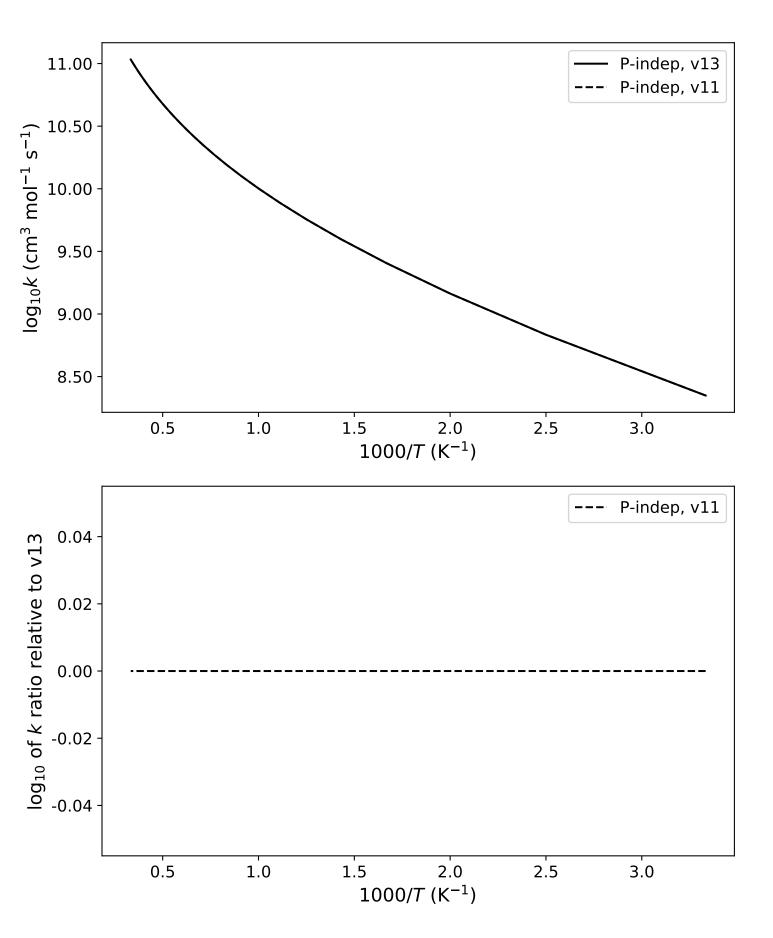
### C2H6+O=C2H5+OH



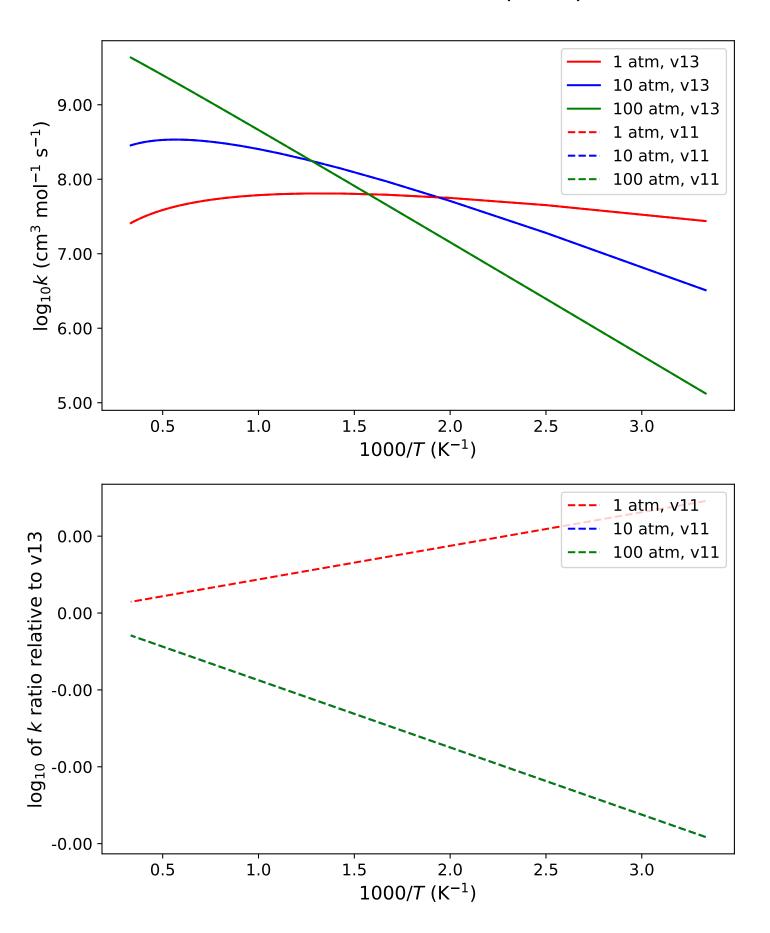
### C3H8+CH3=CH3CH2CH2+CH4



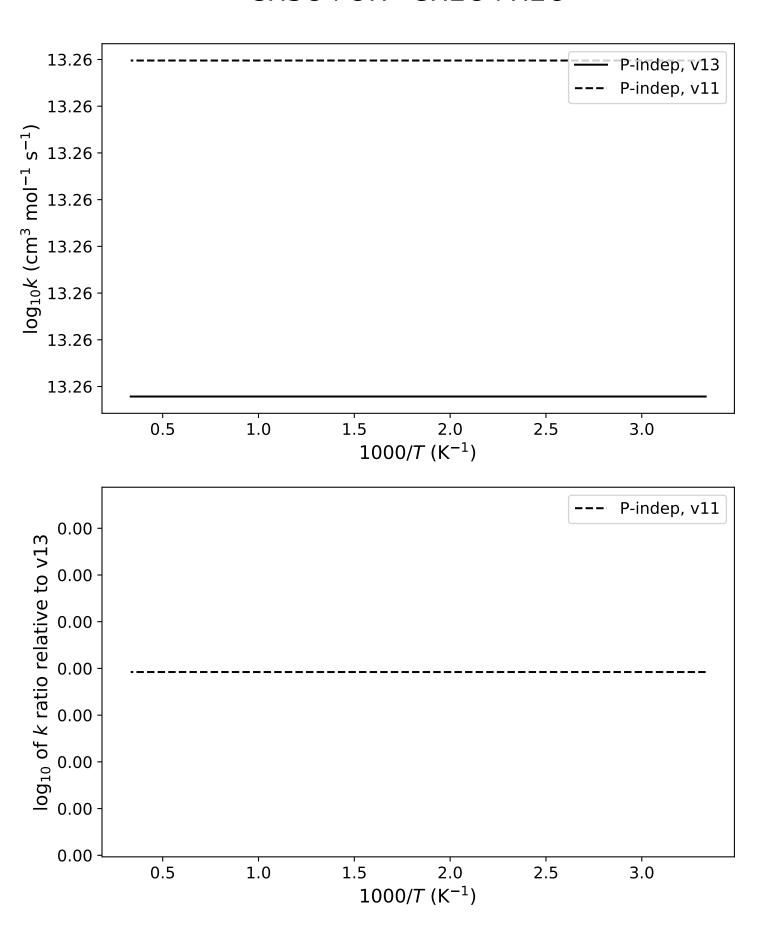
### CH3CCCH2+O2=CH3CO+CH2CO



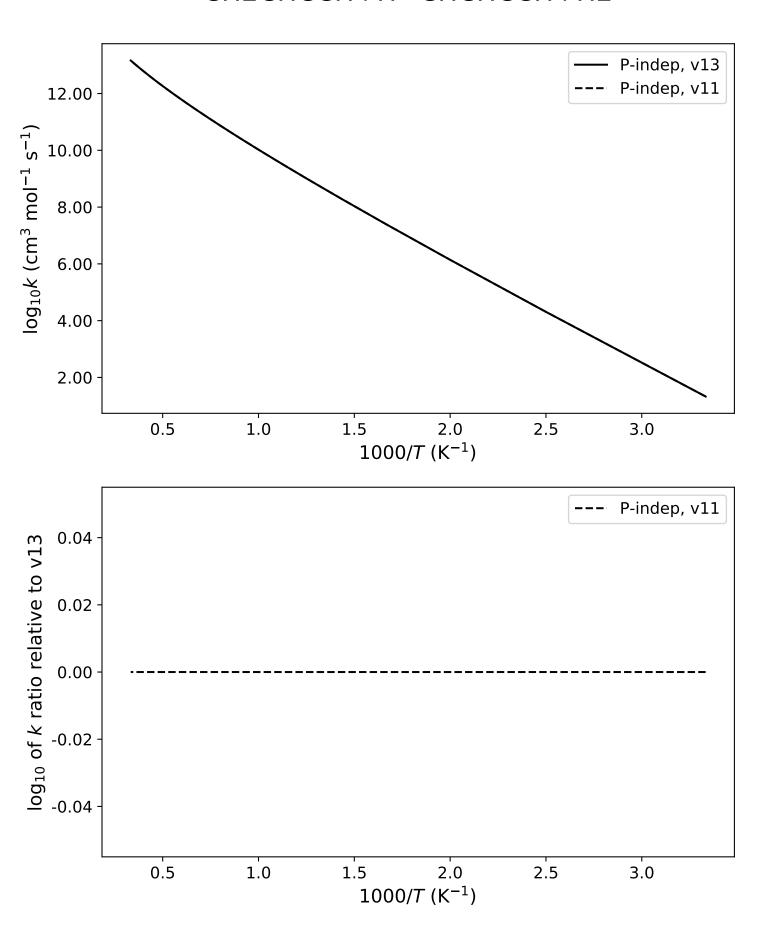
## O2+CH3CHCH3=CH3CH(OOH)CH2



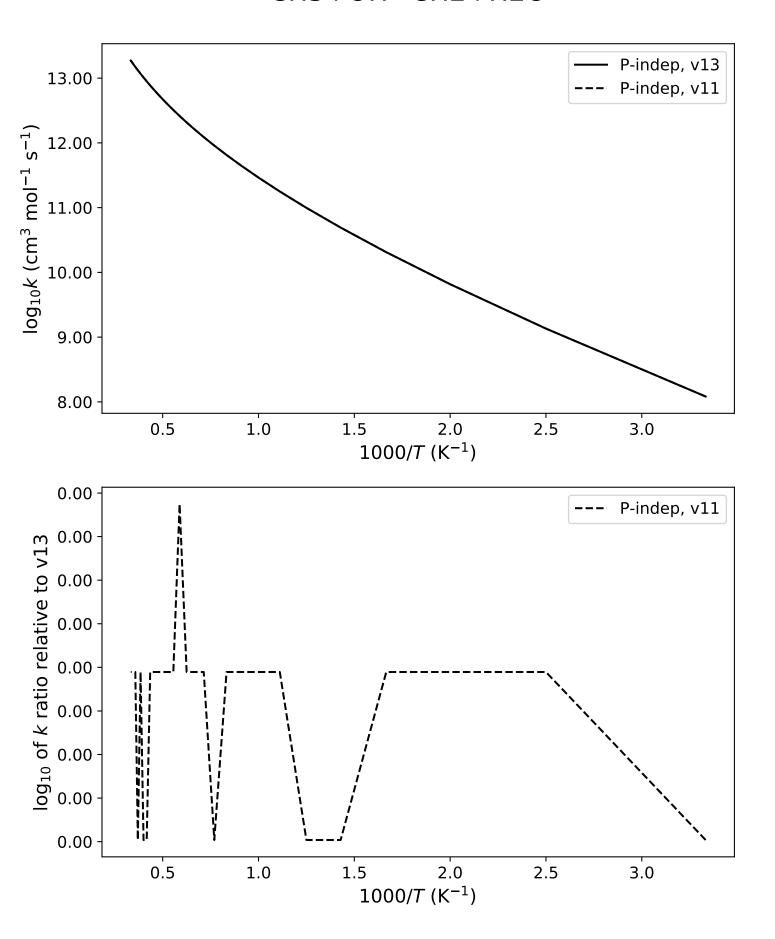
### CH3O+OH=CH2O+H2O



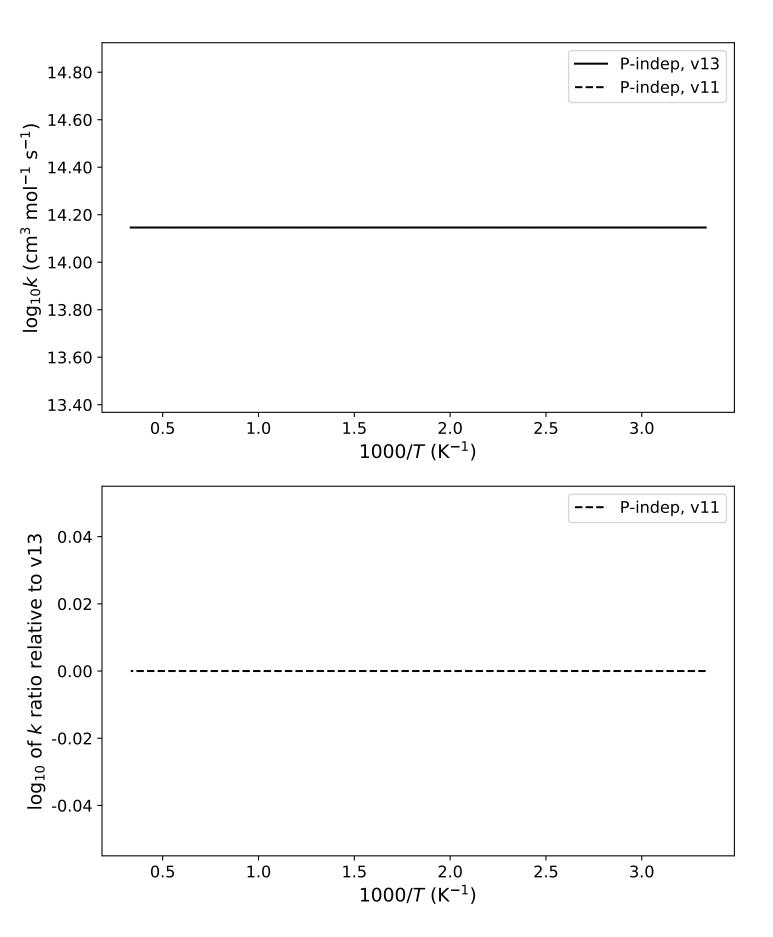
### CH2CHCCH+H=CHCHCCH+H2



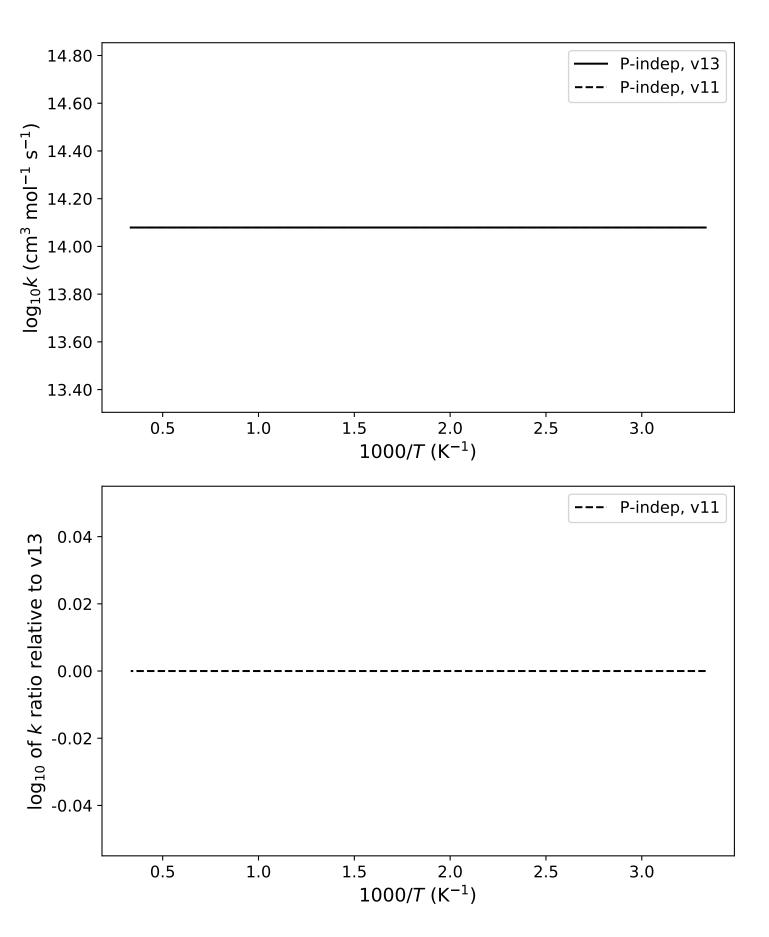
### CH3+OH=CH2+H2O



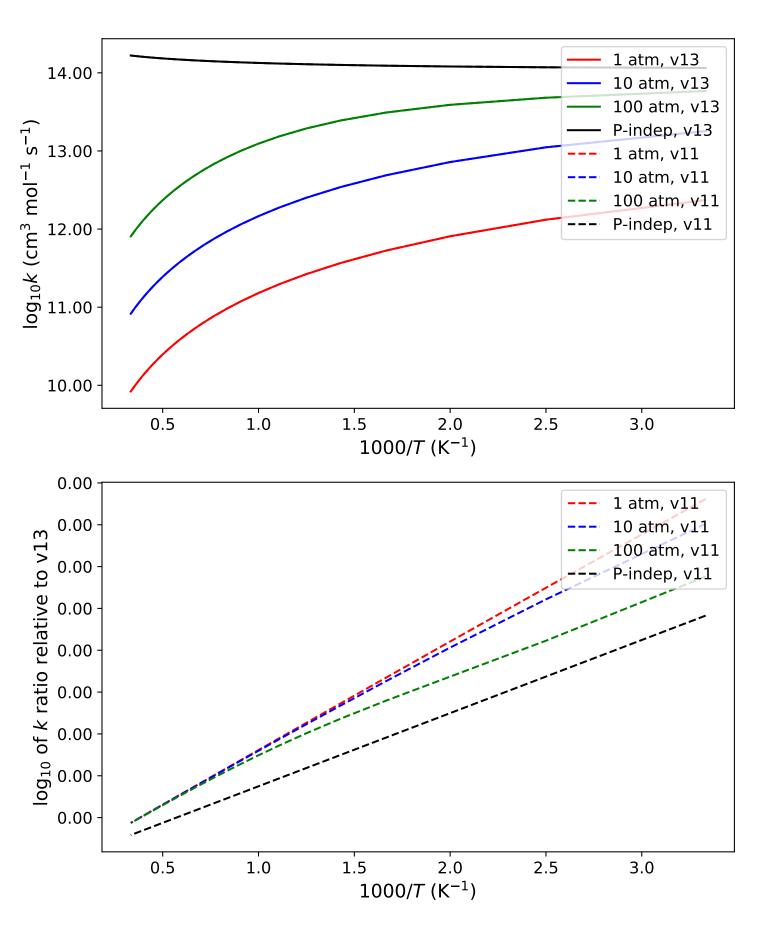
## CH2CCH+O=CH2O+C2H



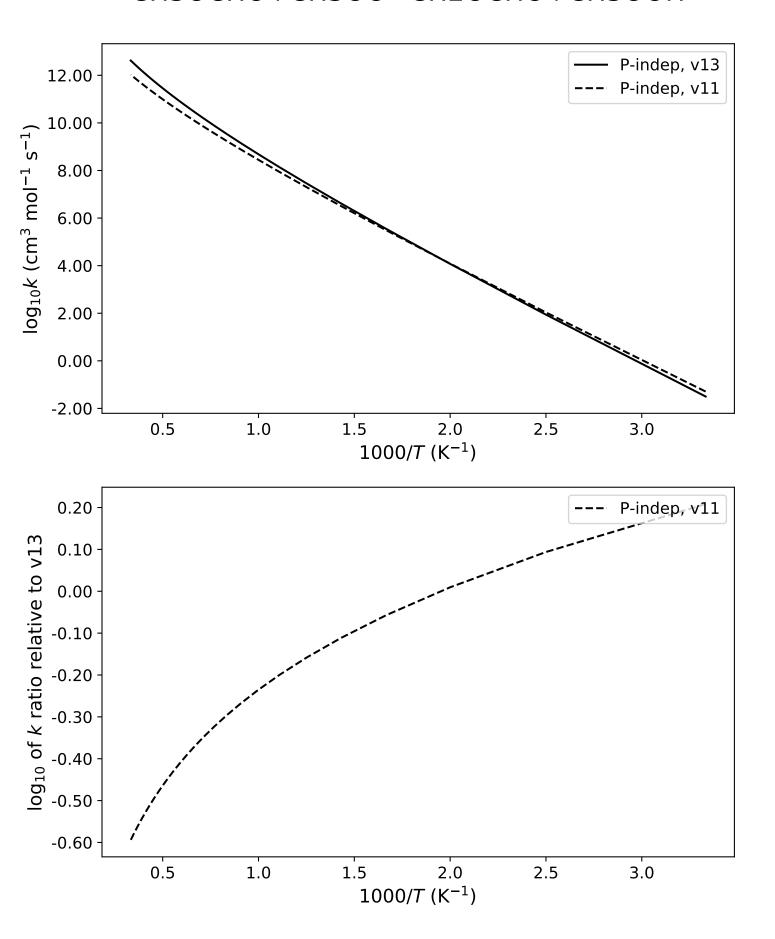
### HCO+H=CO+H2



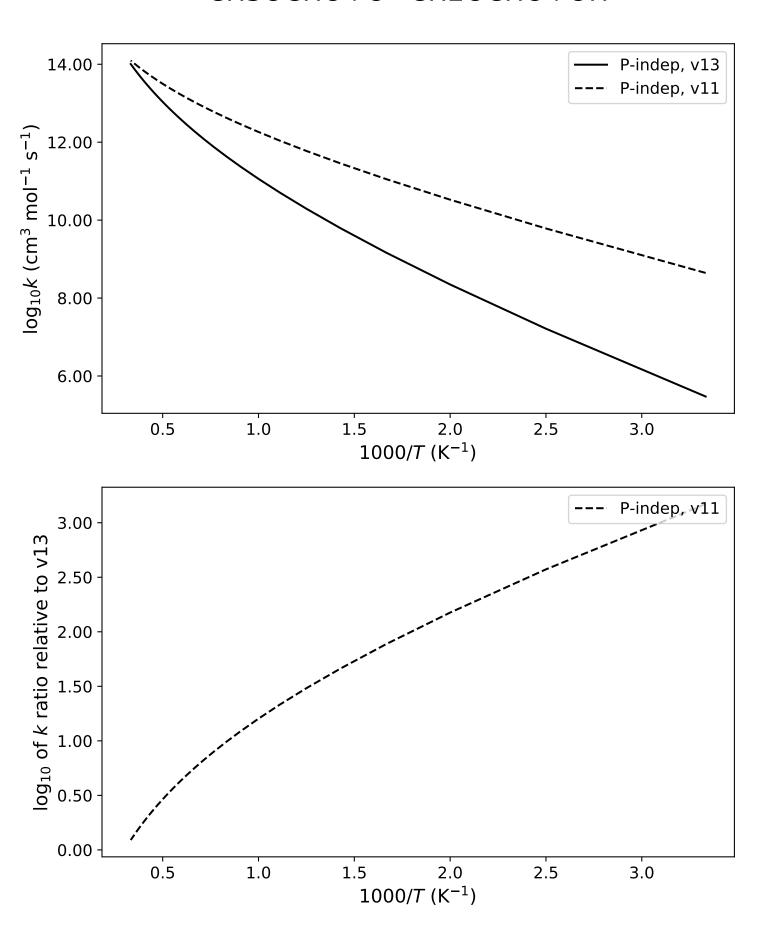
### H+OH(+M)=H2O(+M)



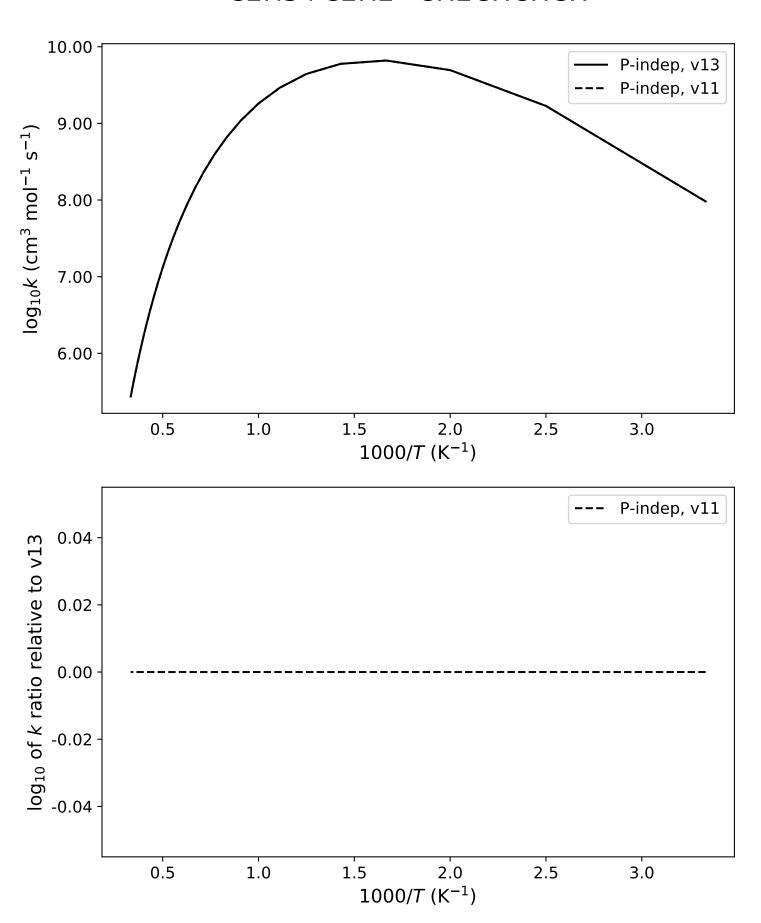
### CH3OCHO+CH3OO=CH2OCHO+CH3OOH



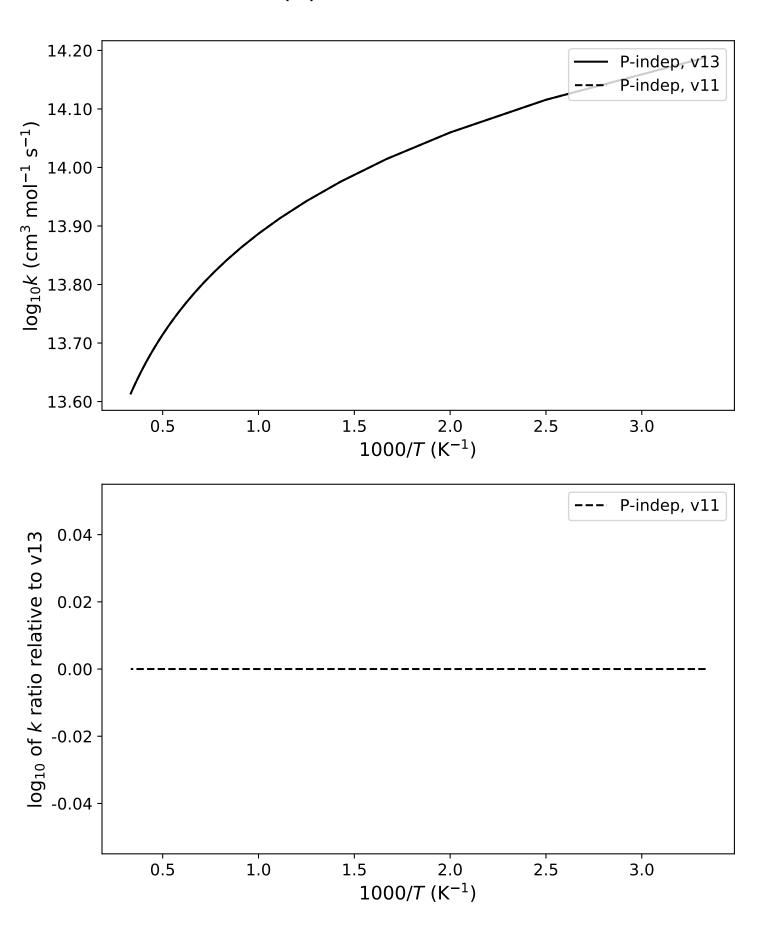
# CH3OCHO+O=CH2OCHO+OH



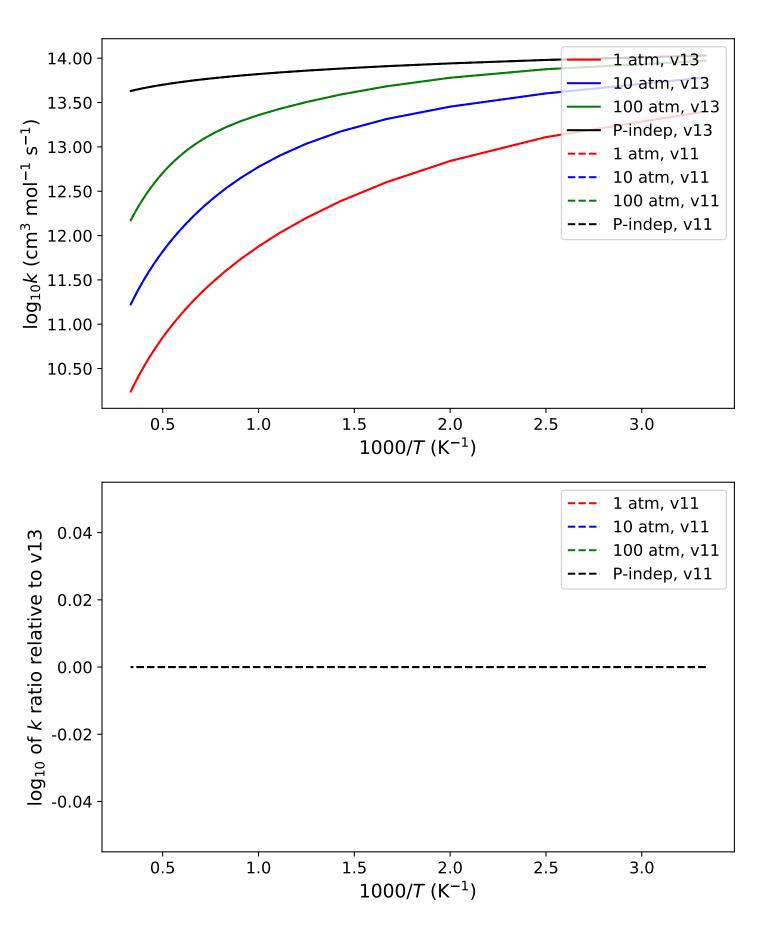
### C2H3+C2H2=CH2CHCHCH



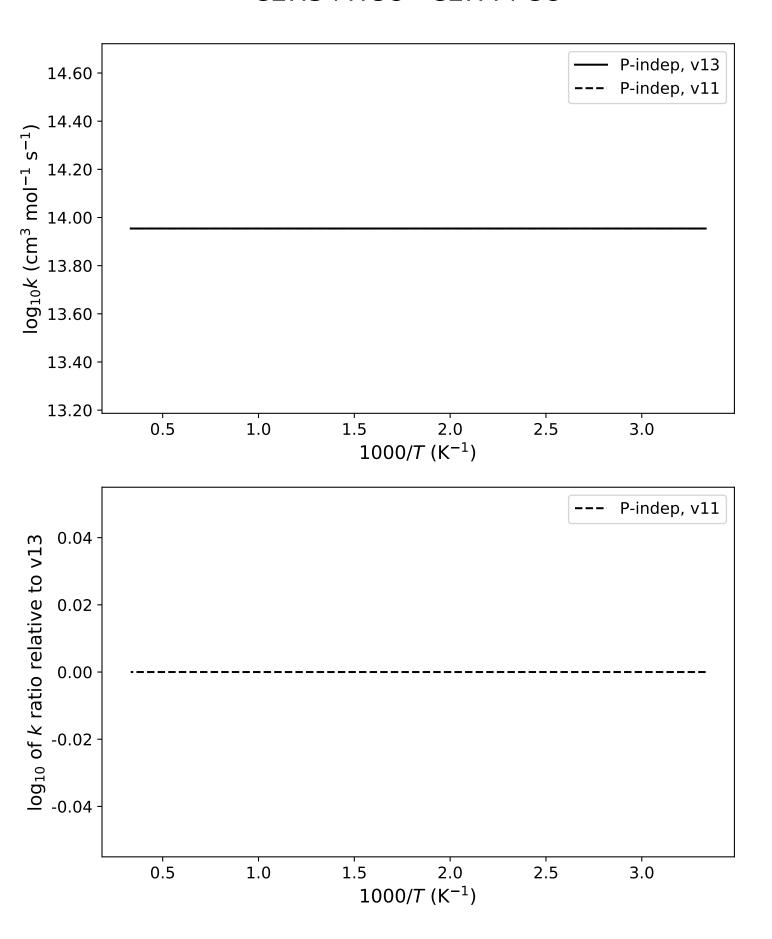
## CH2(S)+C2H2=CH2CCH+H



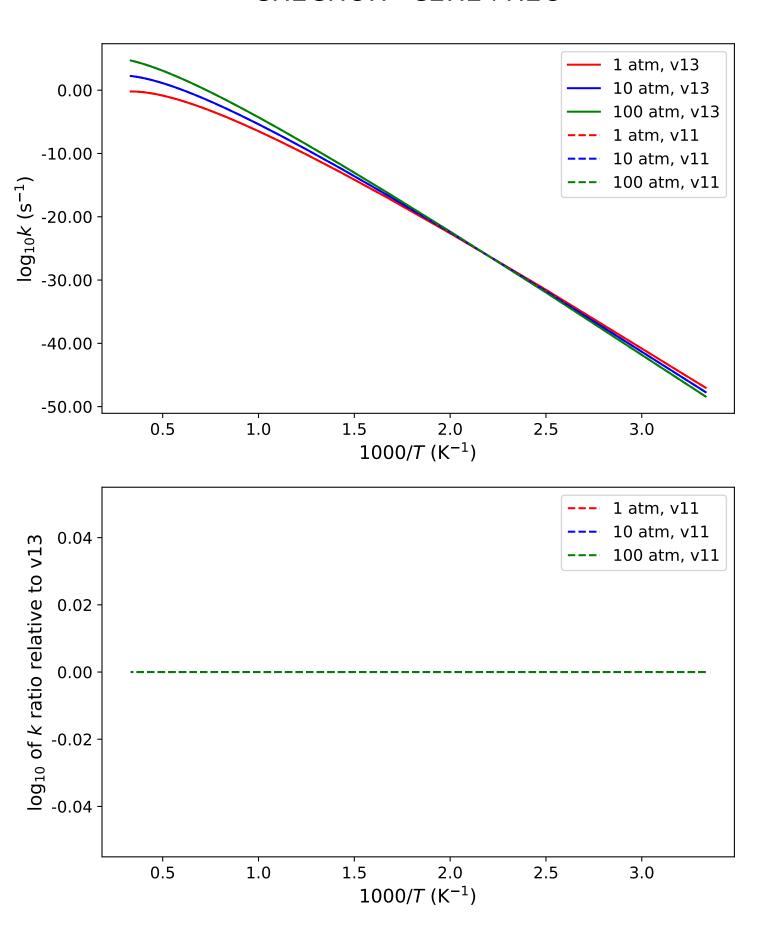
### CH+CO(+M)=HCCO(+M)



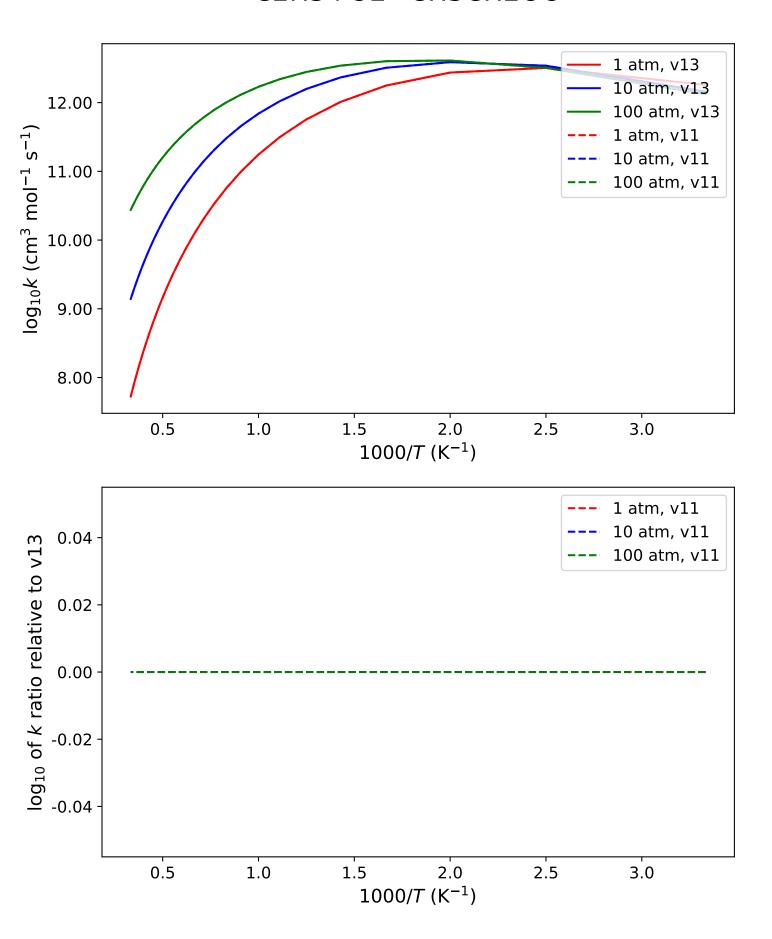
### C2H3+HCO=C2H4+CO



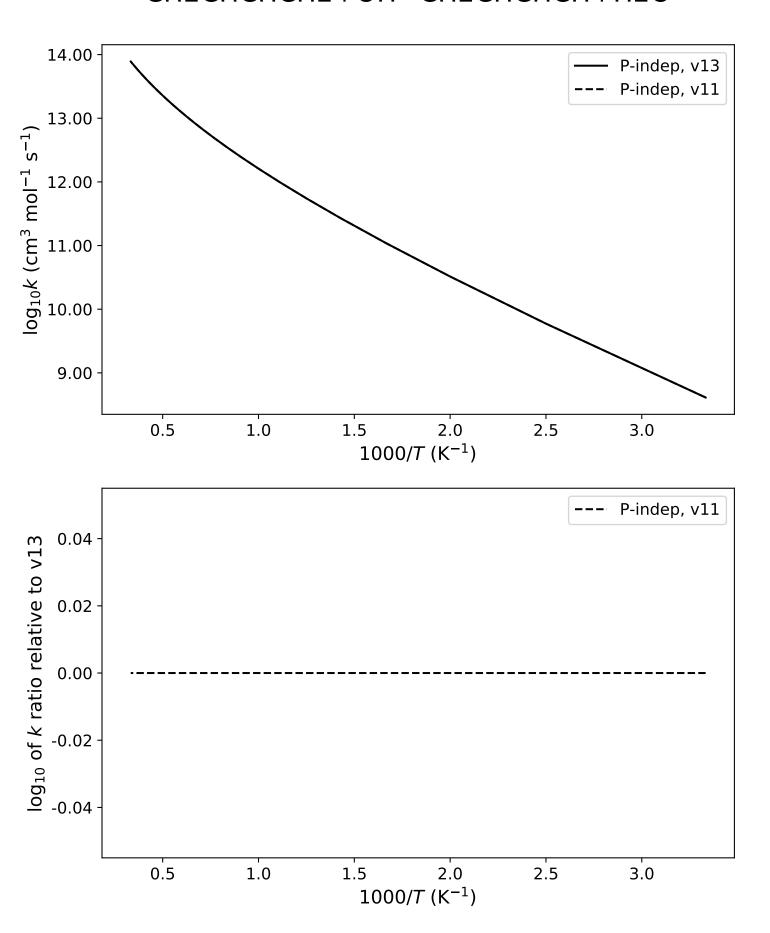
### CH2CHOH=C2H2+H2O



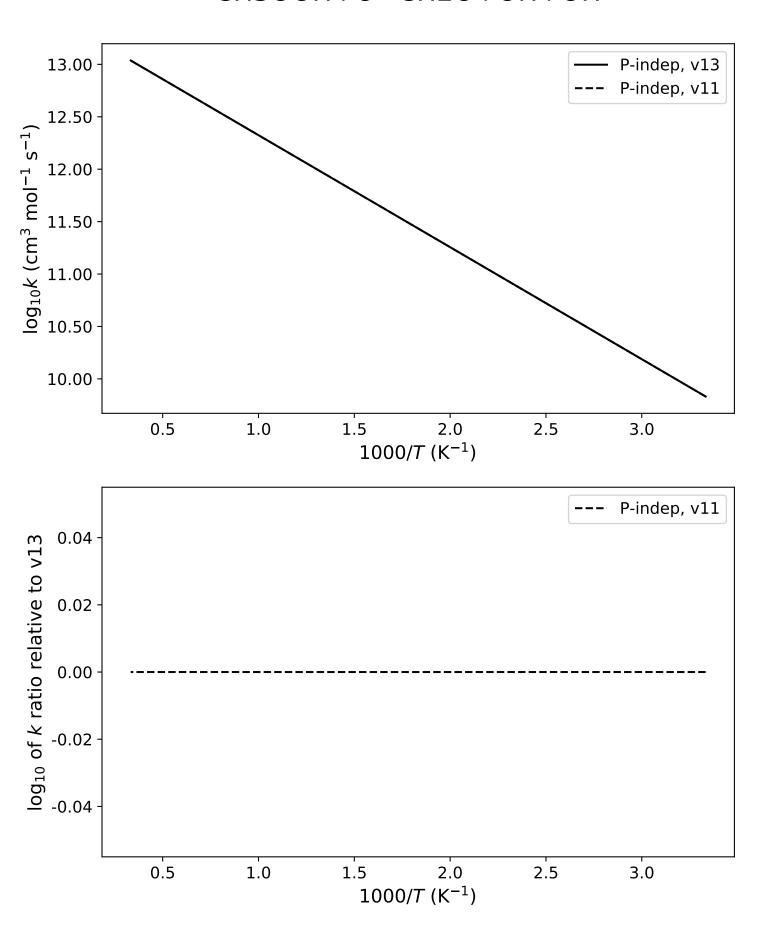
### C2H5+O2=CH3CH2OO



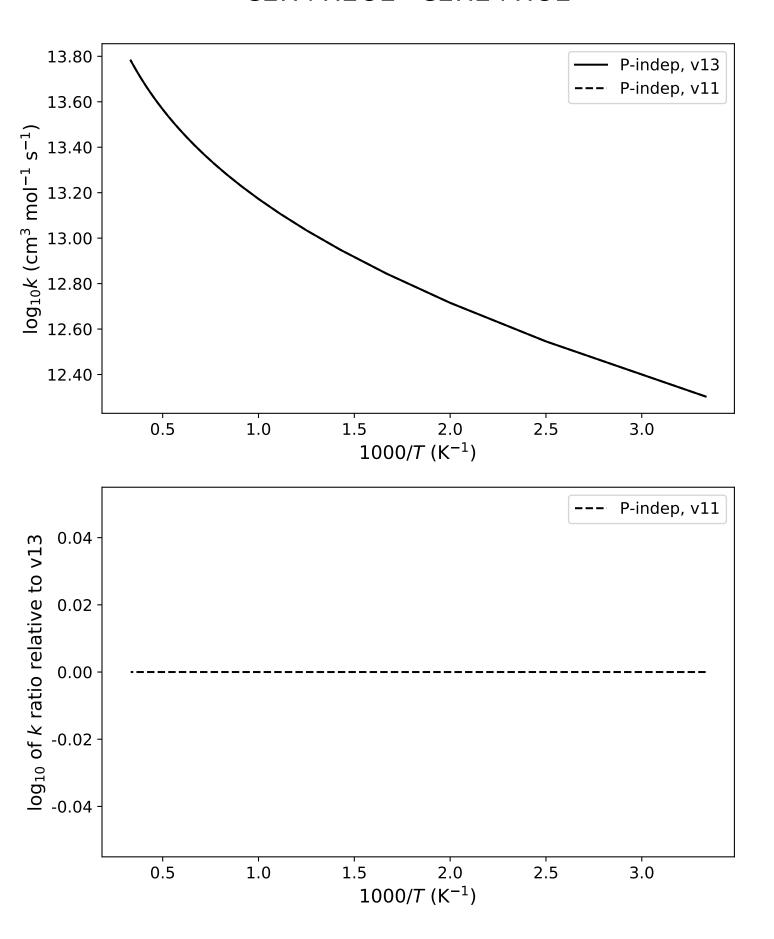
### CH2CHCHCH2+OH=CH2CHCHCH+H2O



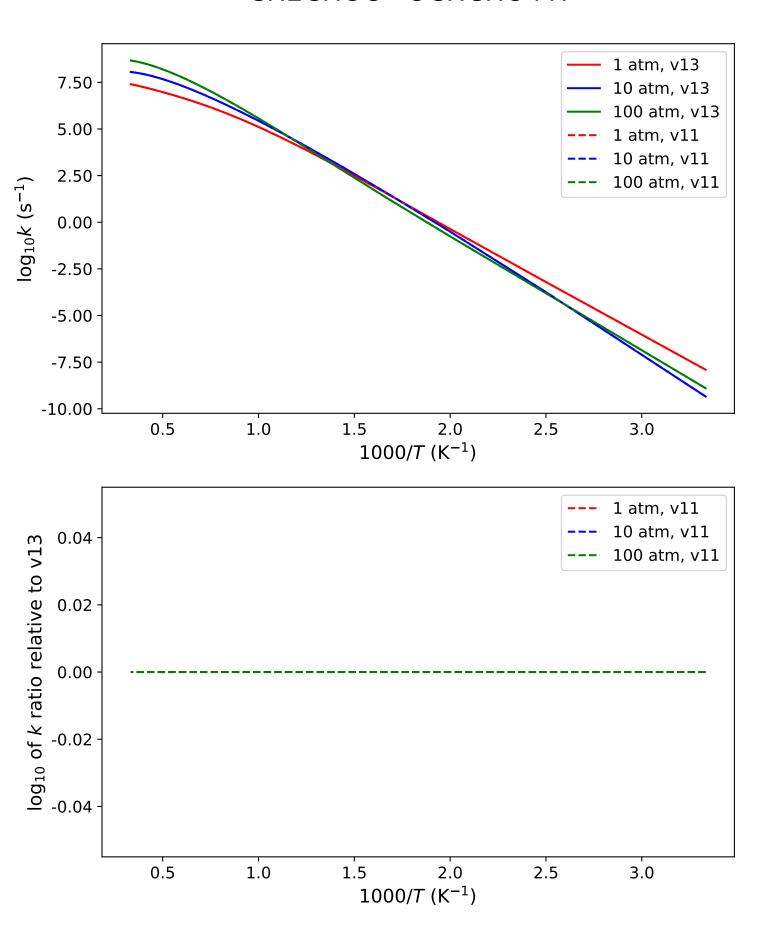
### CH3OOH+O=CH2O+OH+OH



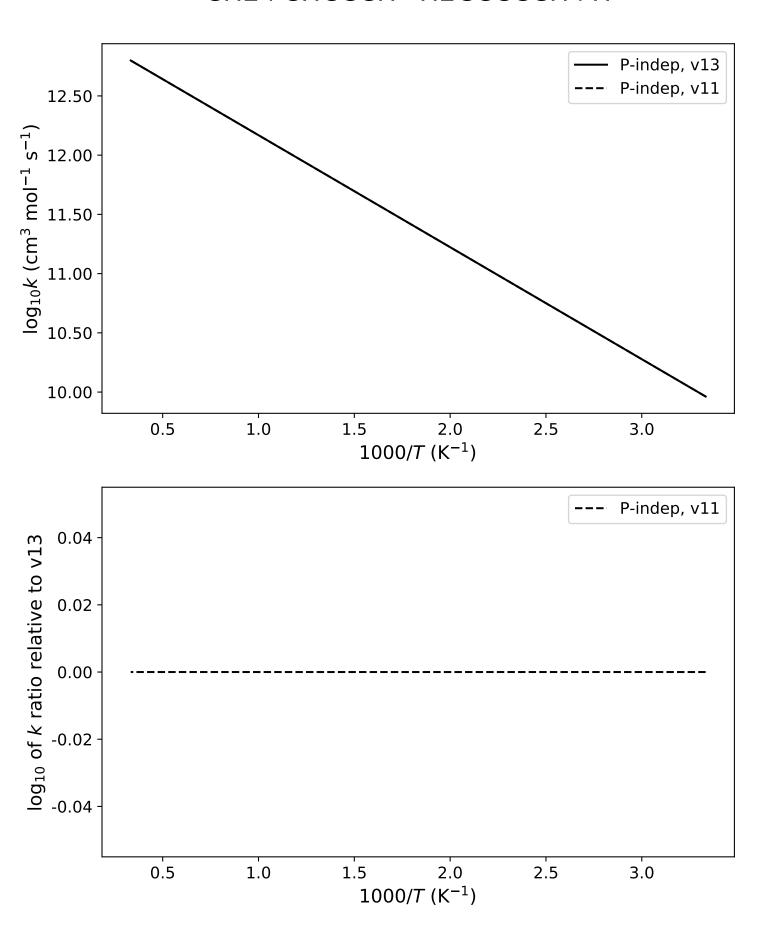
### C2H+H2O2=C2H2+HO2



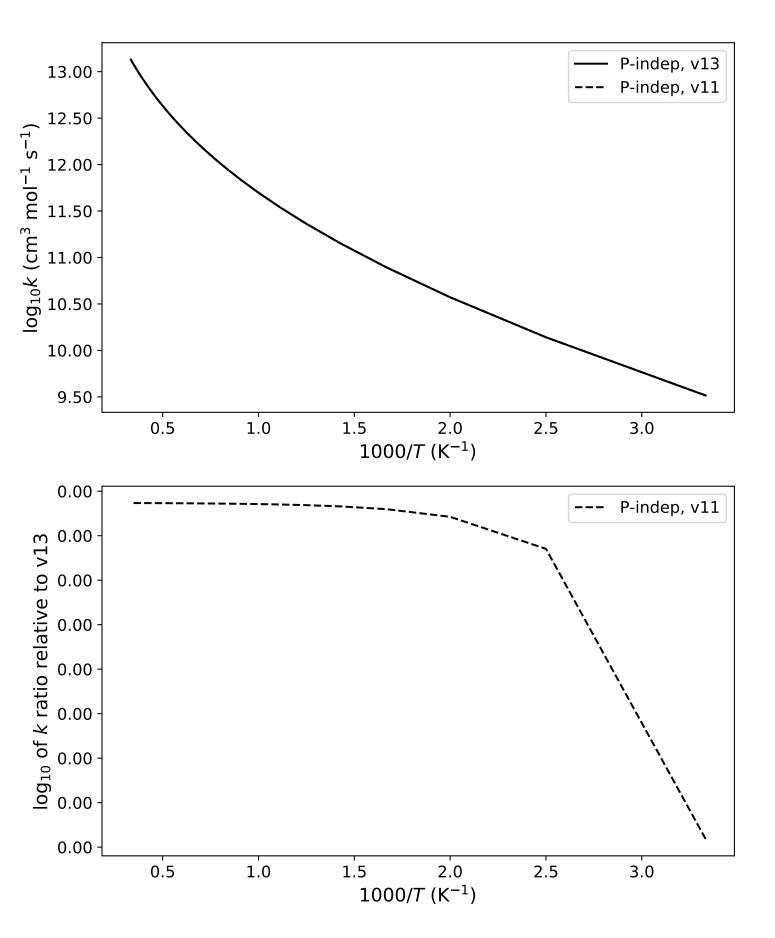
### CH2CHOO=OCHCHO+H



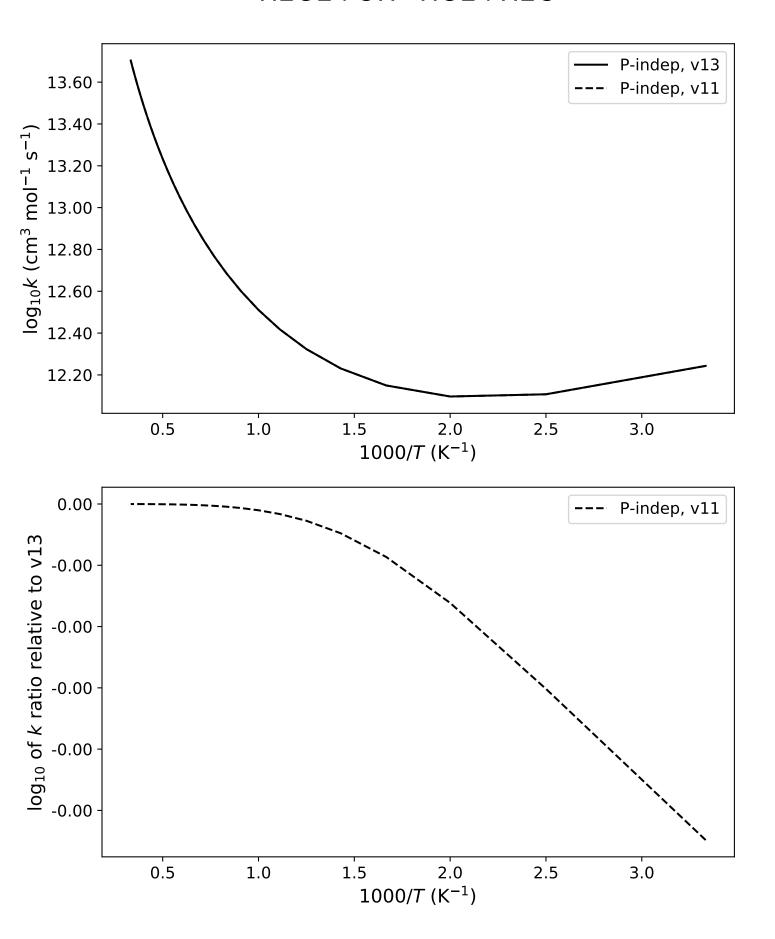
### CH2+CHCCCH=H2CCCCCH+H



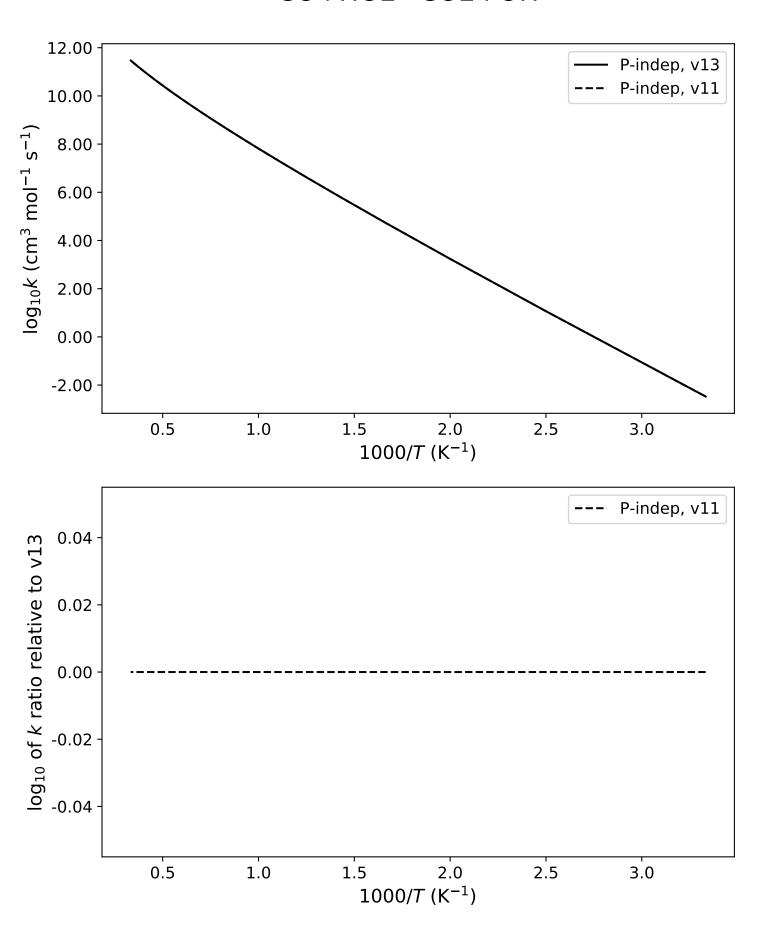
### CH3CHCH2+OH=CH3CCH2+H2O



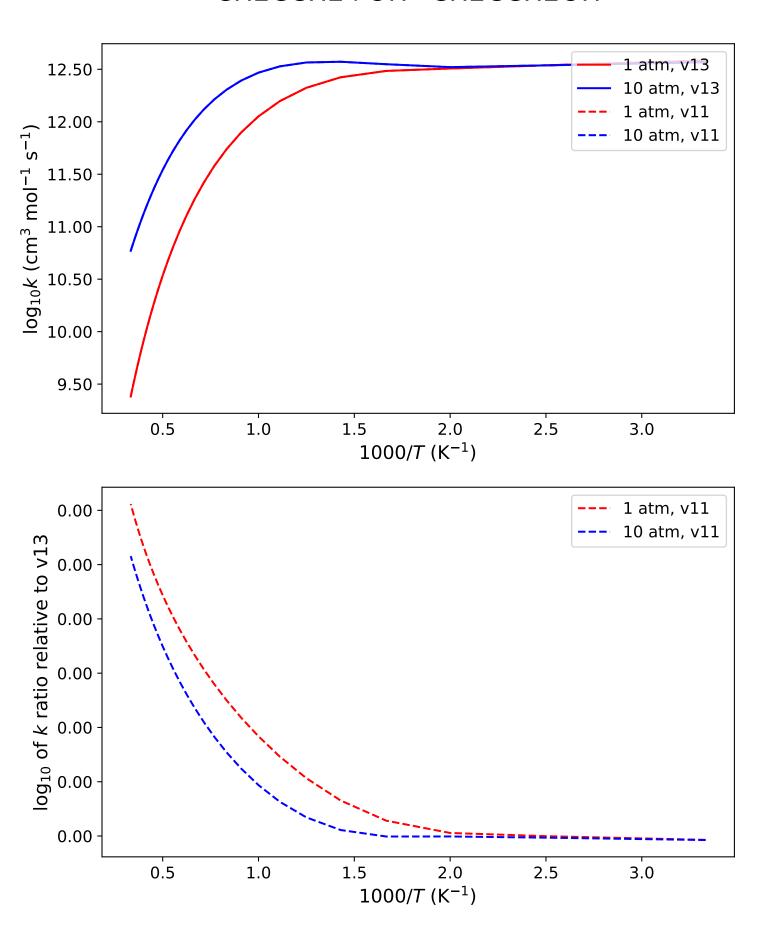
### H2O2+OH=HO2+H2O



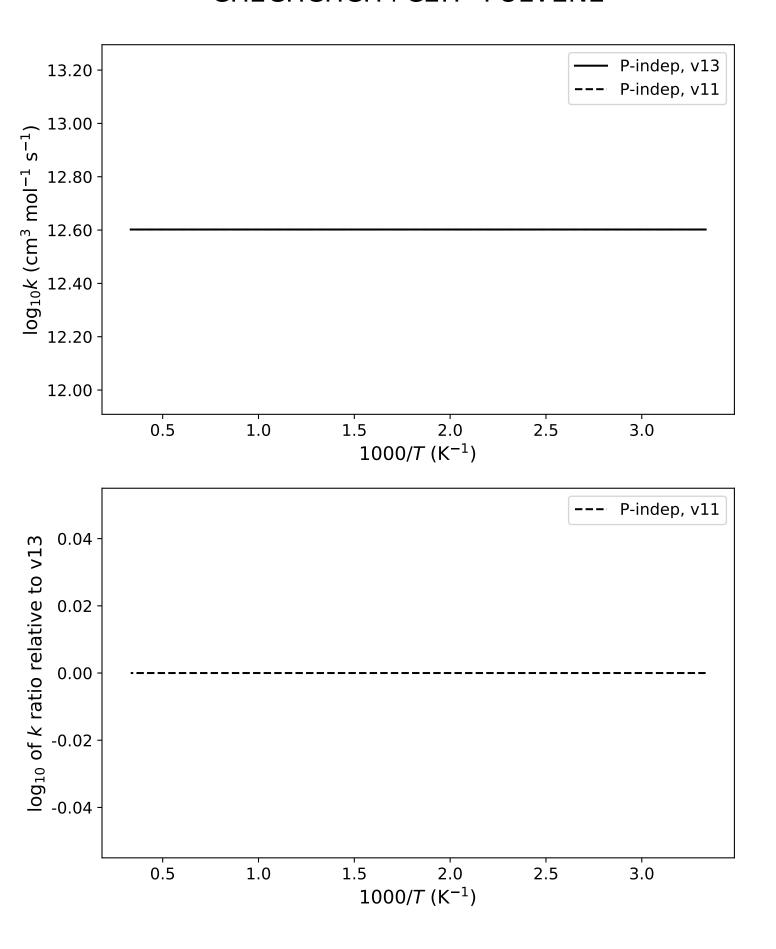
### CO+HO2=CO2+OH



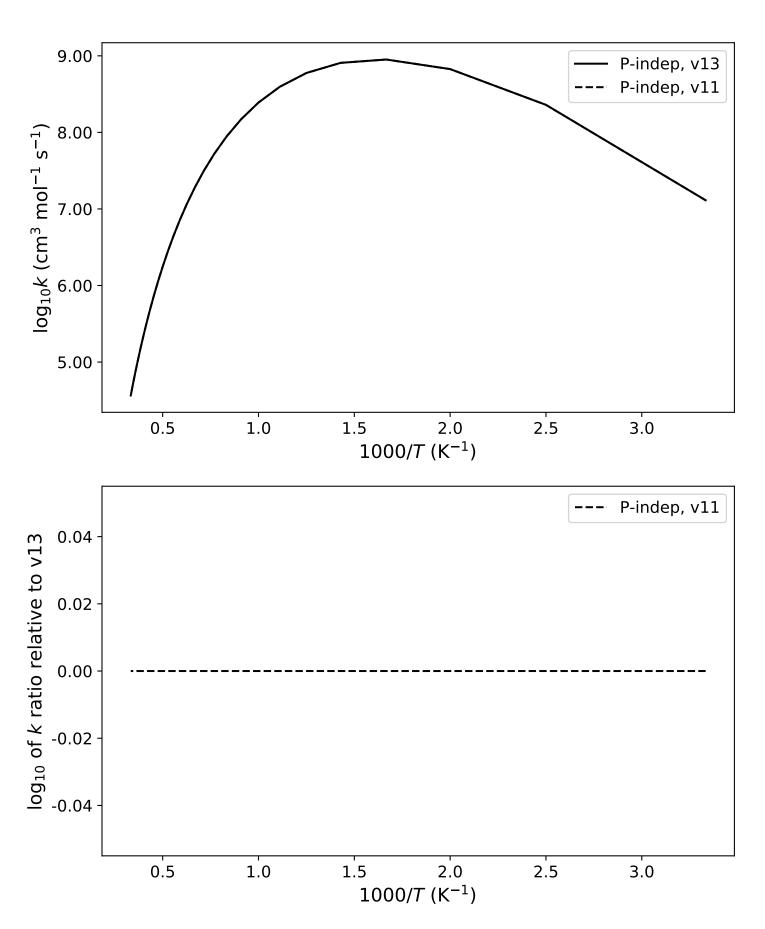
### CH2CCH2+OH=CH2CCH2OH



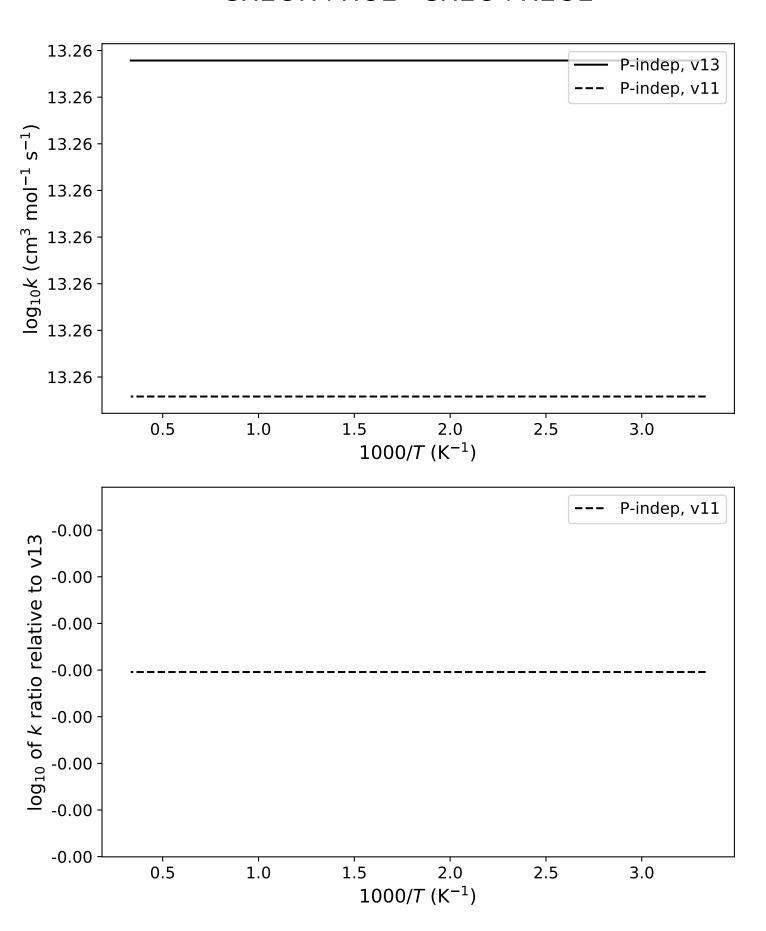
### CH2CHCHCH+C2H=FULVENE



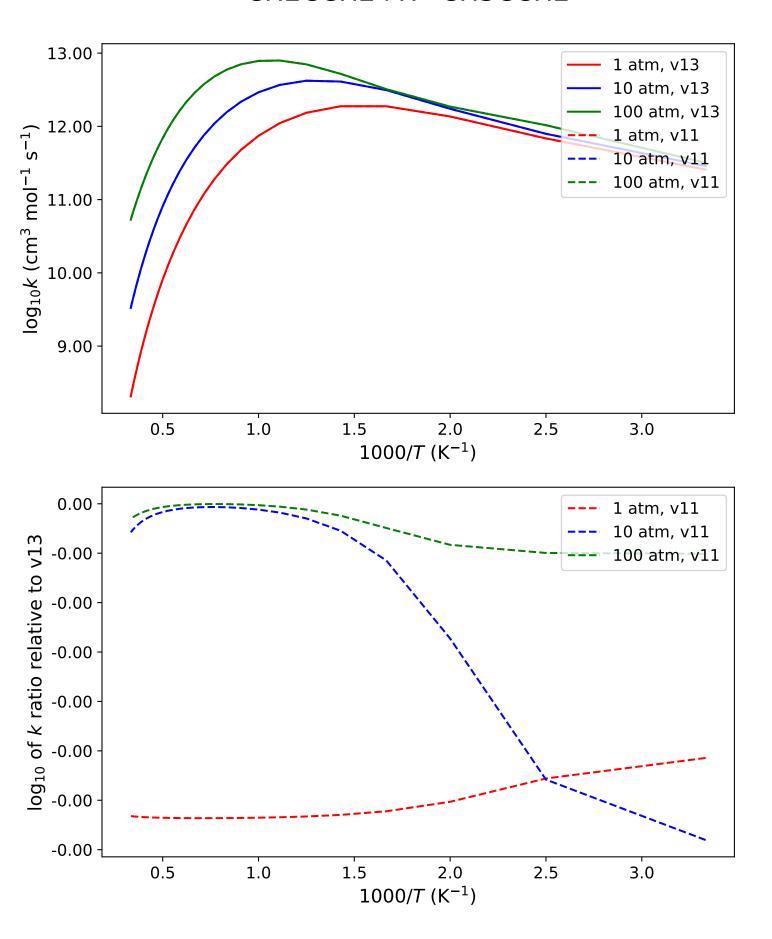
### C2H3+C2H2=c-CH2CHCHCH



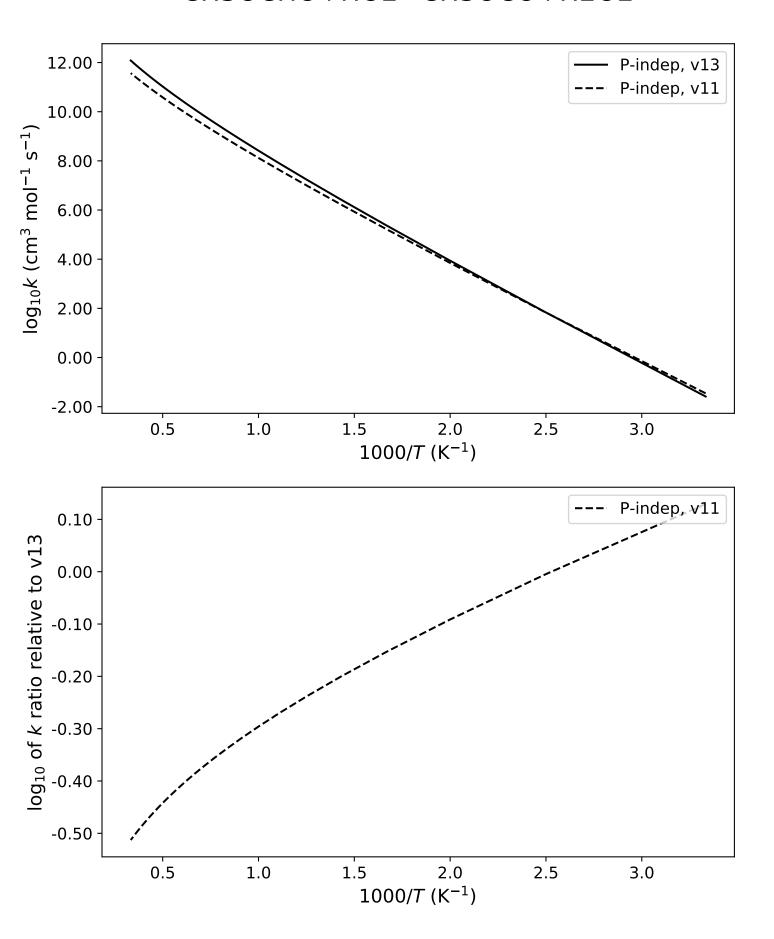
#### CH2OH+H02=CH2O+H2O2



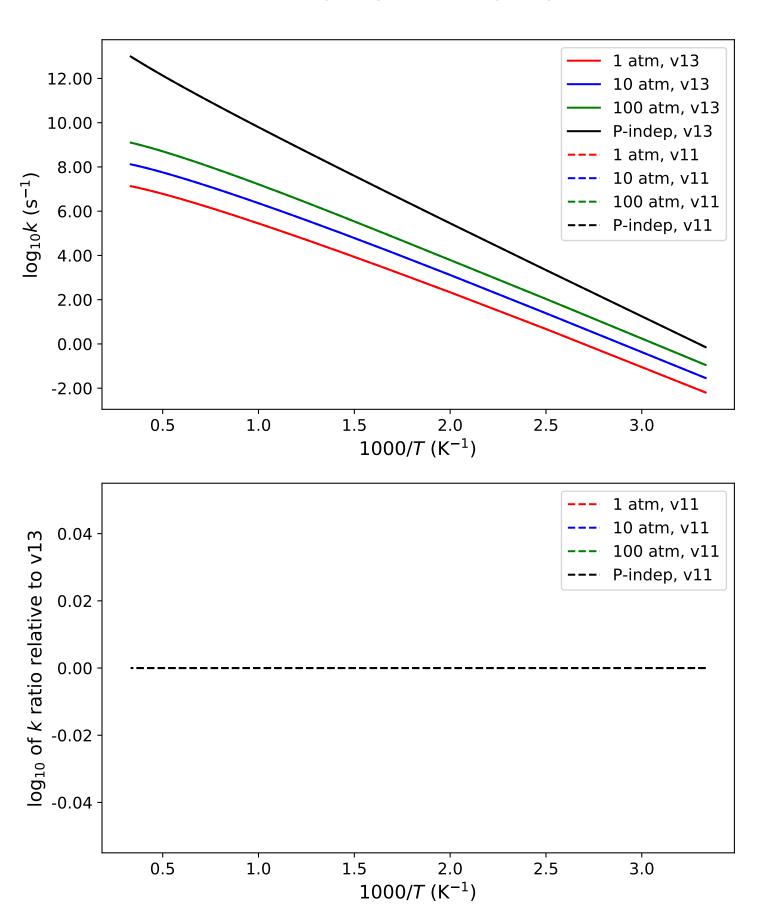
### CH2CCH2+H=CH3CCH2



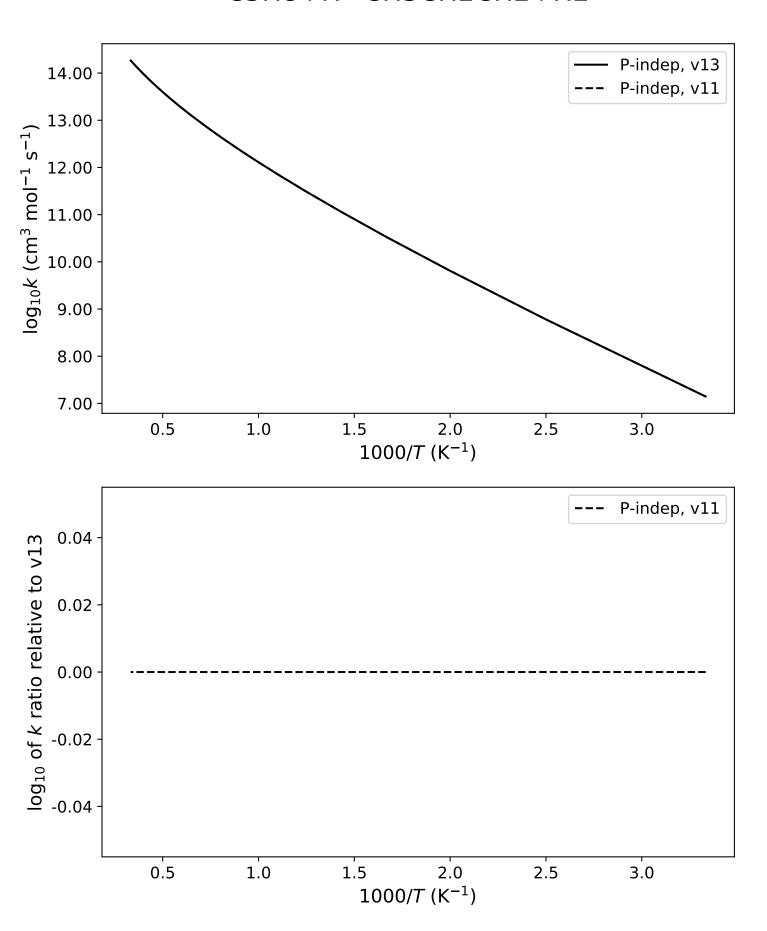
### CH3OCHO+HO2=CH3OCO+H2O2



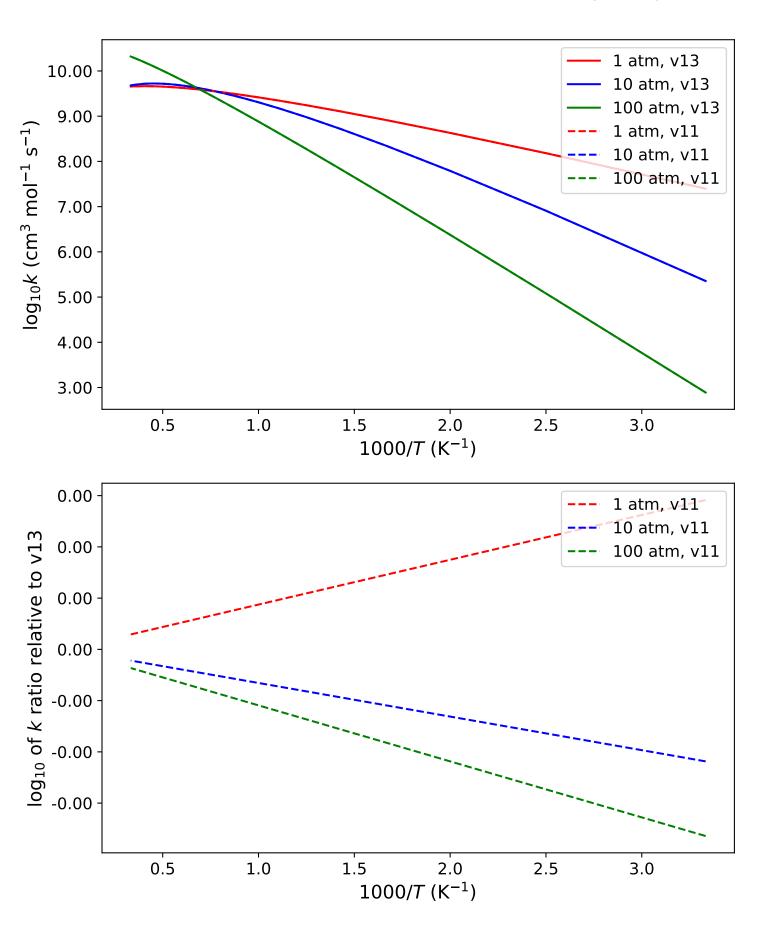
## HCO(+M)=H+CO(+M)



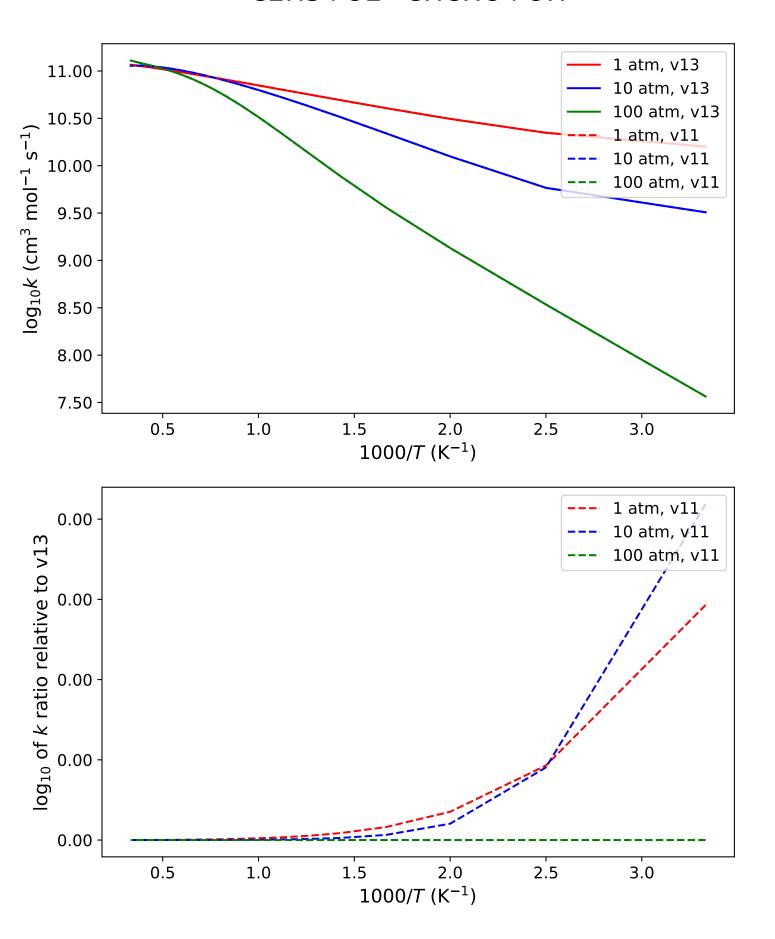
### C3H8+H=CH3CH2CH2+H2



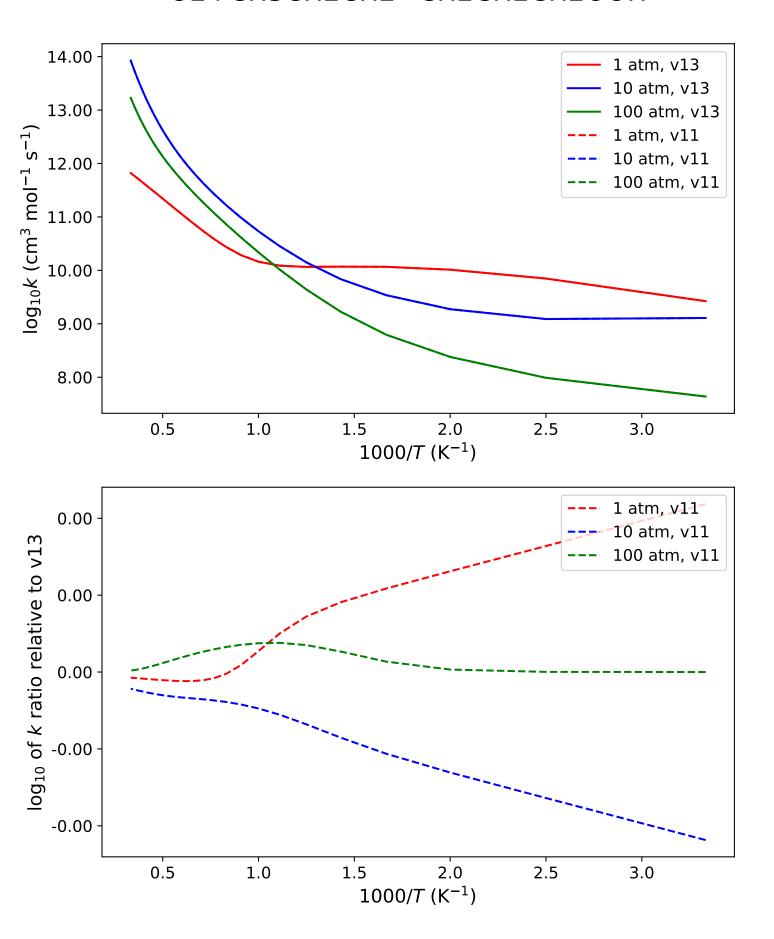
## O2+CH3CHCH3=OH+c-CH2OCH(CH3)



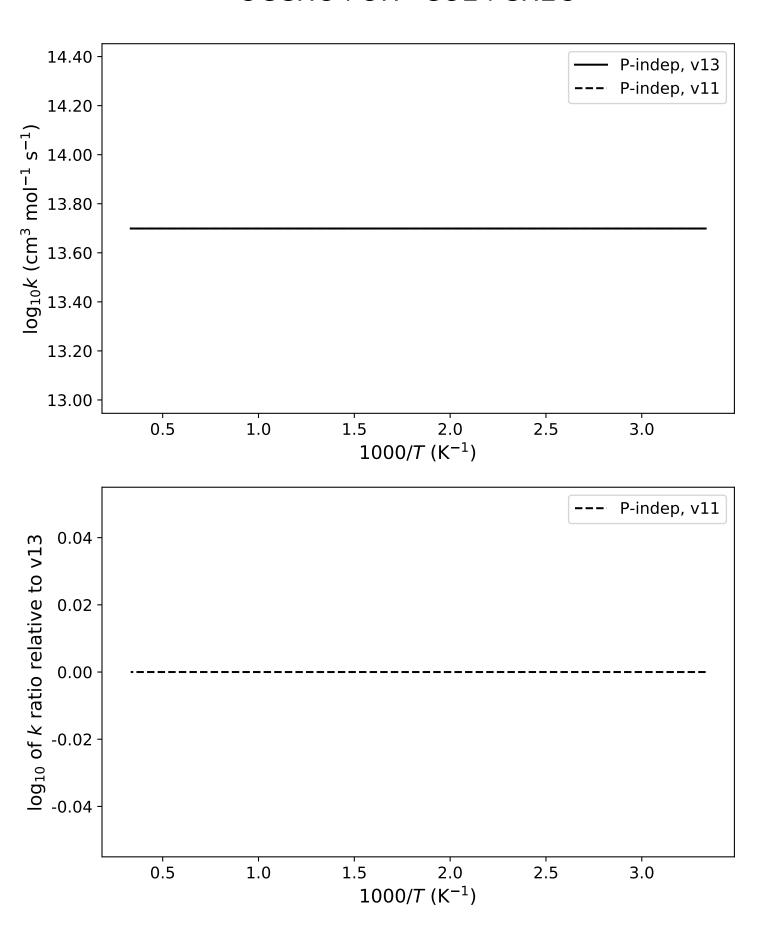
### C2H3+O2=CHCHO+OH



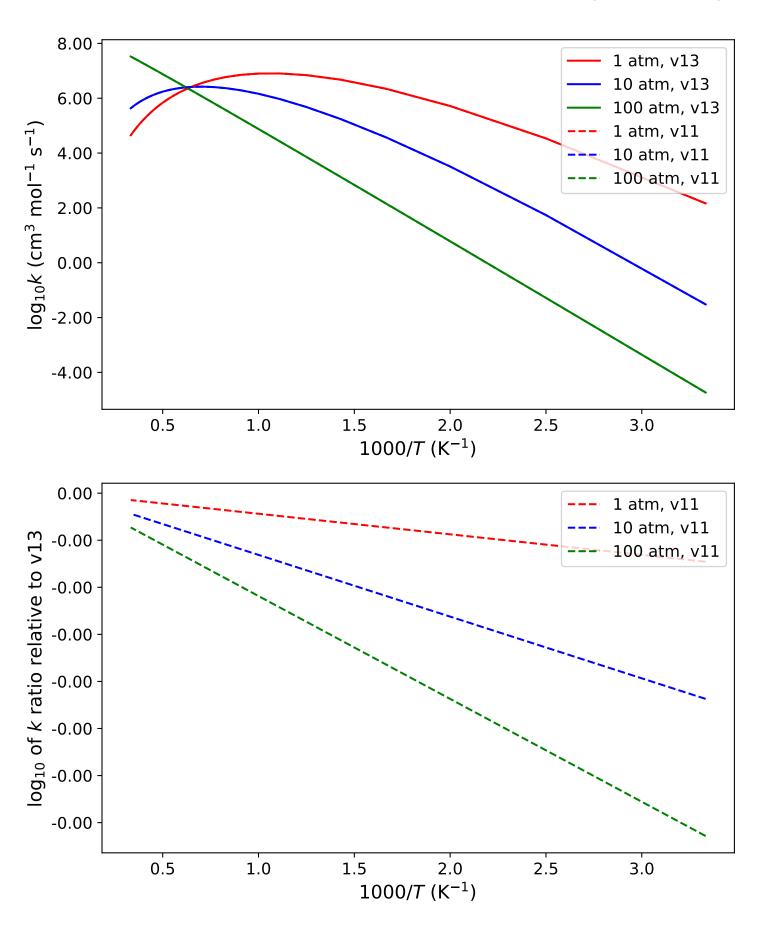
#### O2+CH3CH2CH2=CH2CH2CH2OOH



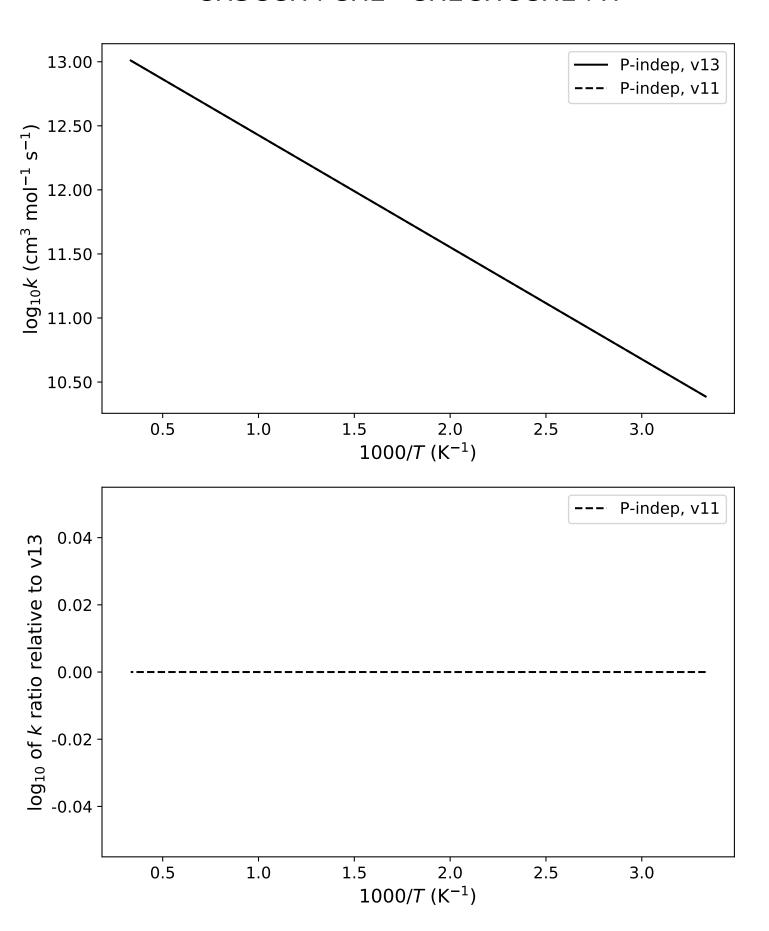
## OCCHO+OH=CO2+CH2O



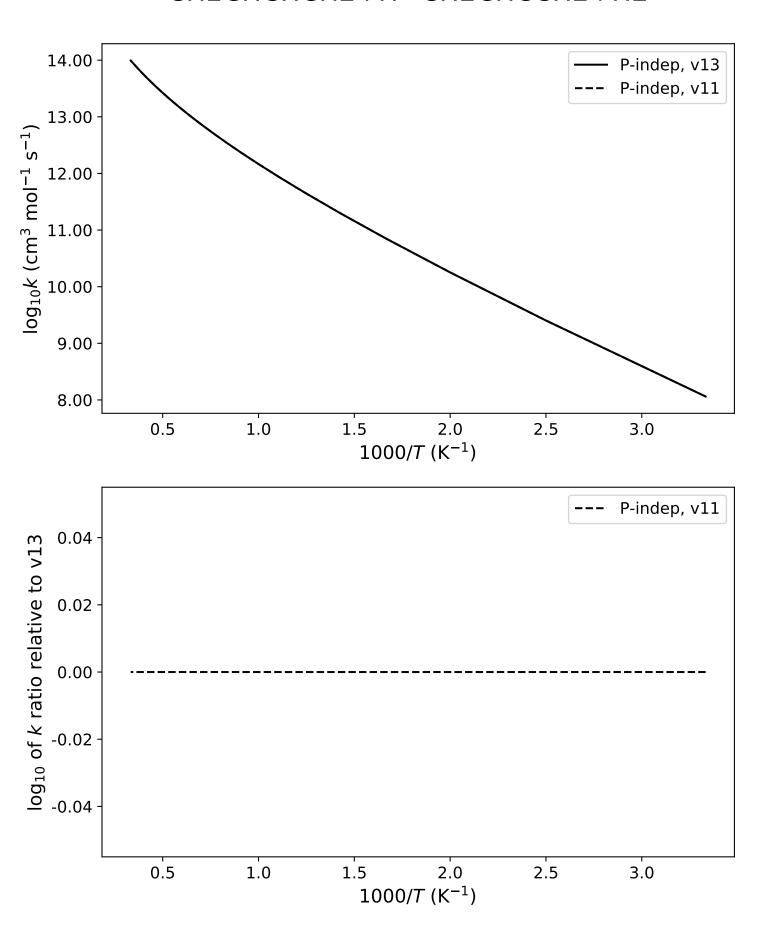
### O2+CH3CHCH2OOH=OH+c-CH2OCH(CH2OOH)



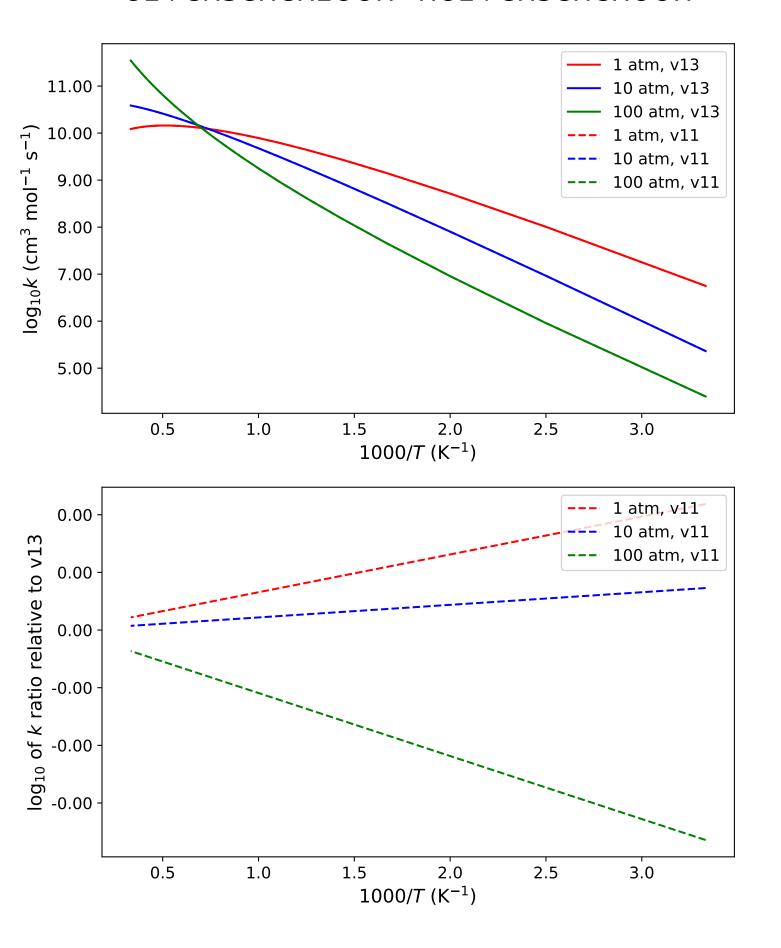
### CH3CCH+CH2=CH2CHCCH2+H



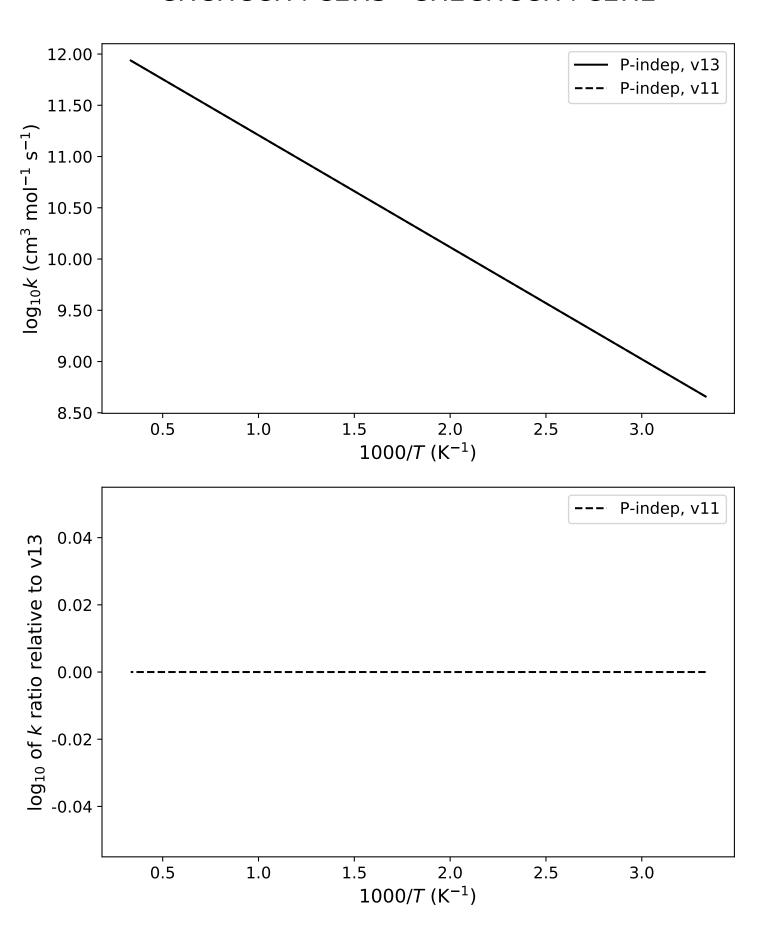
### CH2CHCH2+H=CH2CHCCH2+H2



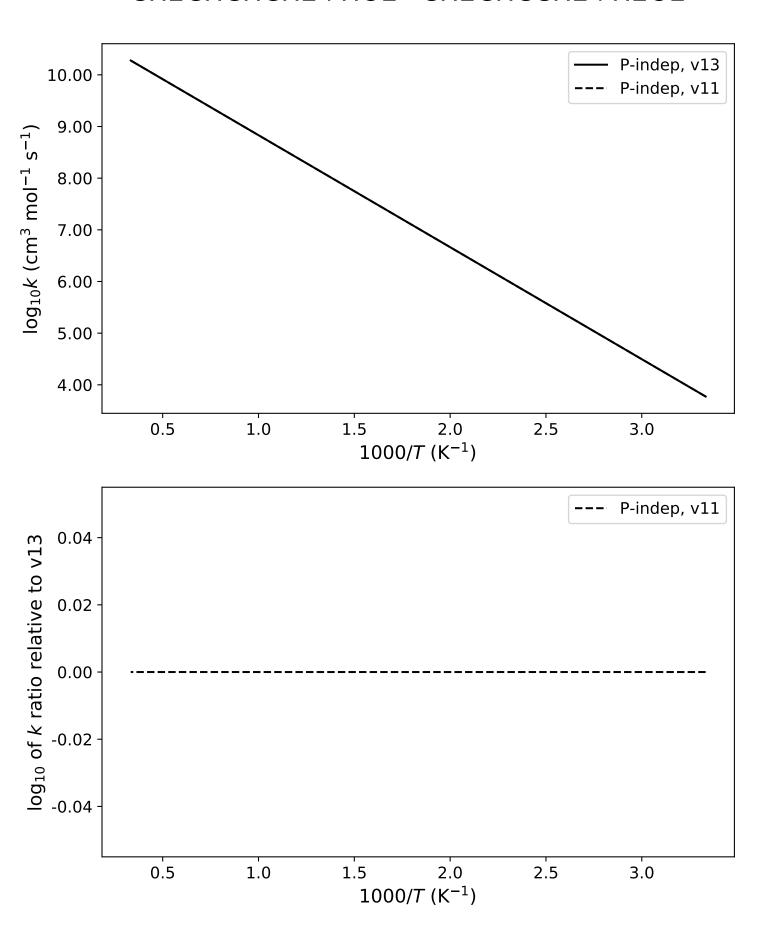
#### O2+CH3CHCH2OOH=HO2+CH3CHCHOOH



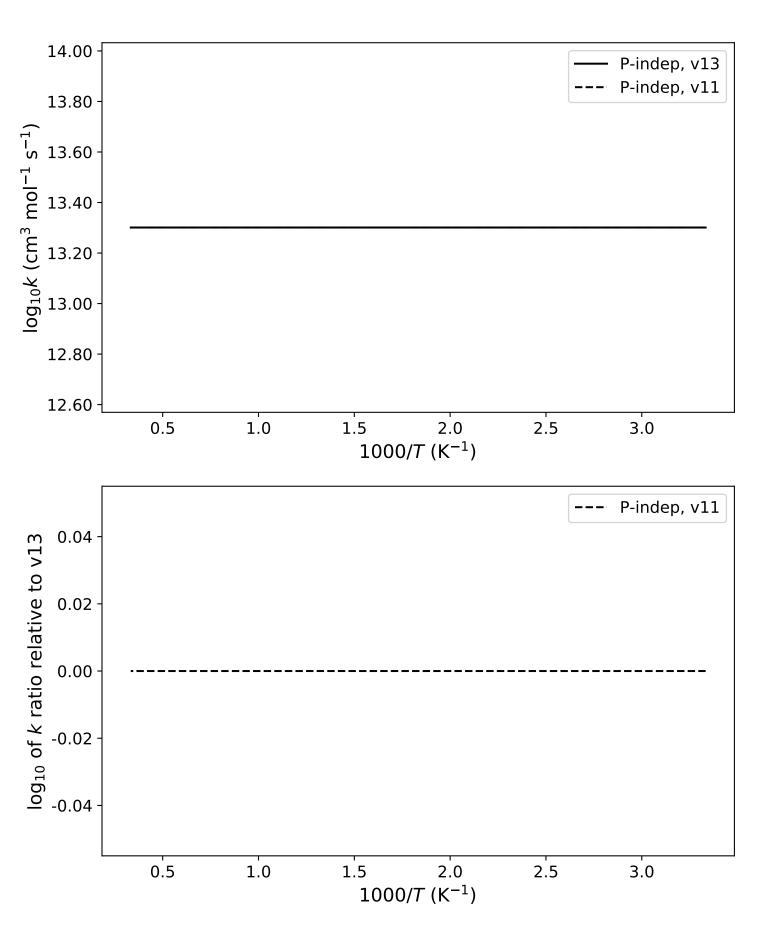
### CHCHCCH+C2H3=CH2CHCCH+C2H2



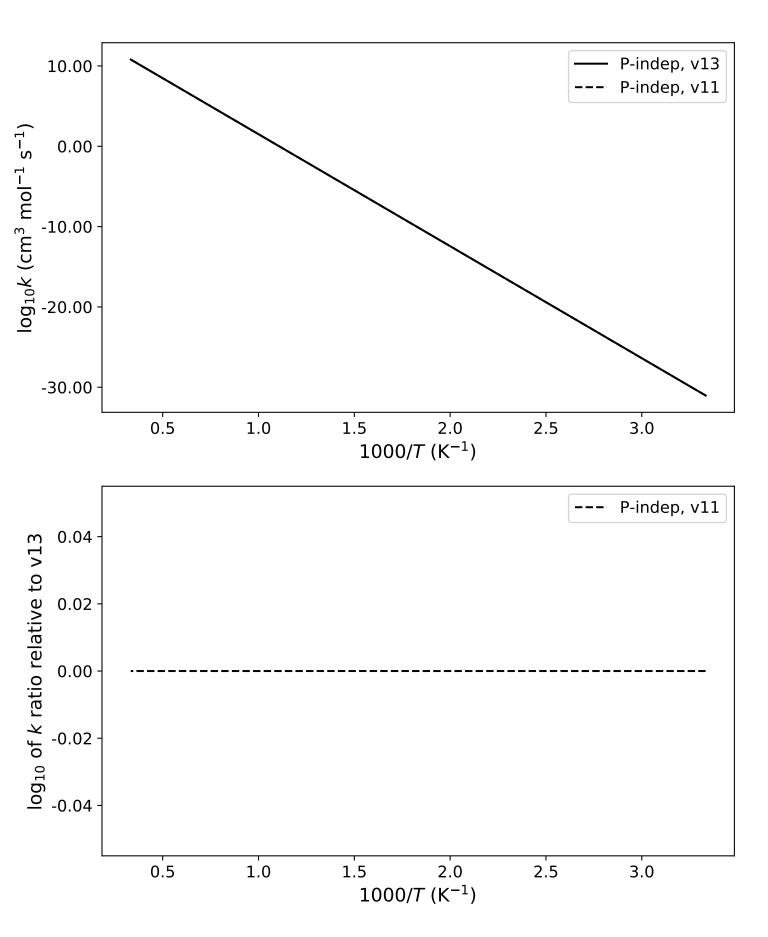
### CH2CHCH2+H02=CH2CHCCH2+H2O2



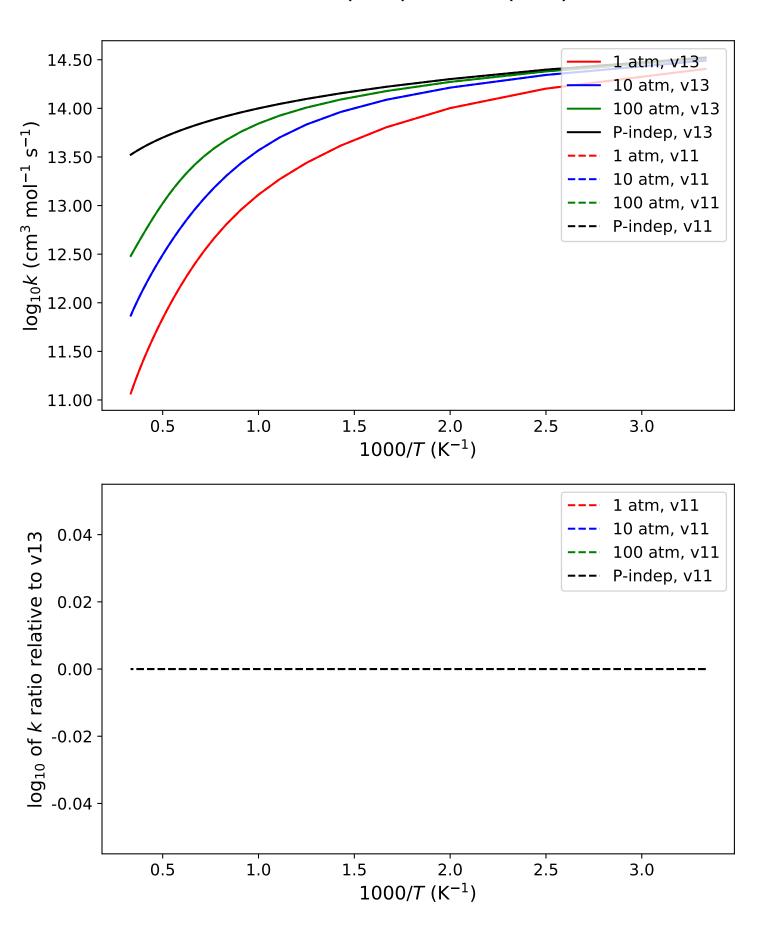
### CH2C+OH=CH2CO+H



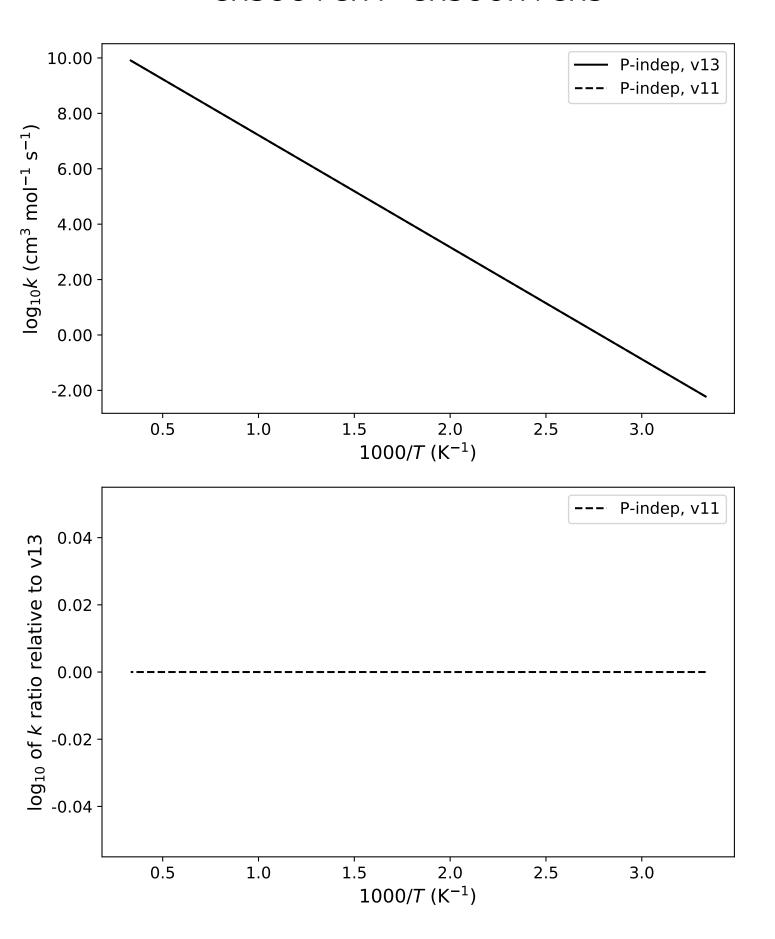
### CH2O+M=CO+H2+M



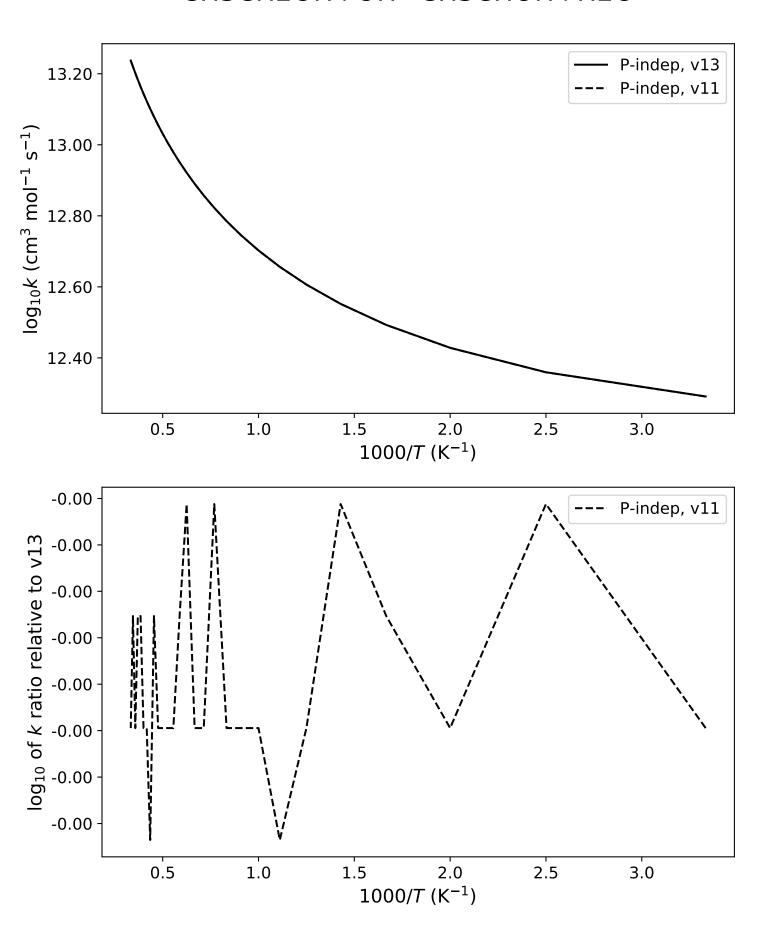
### C2H+H(+M)=C2H2(+M)



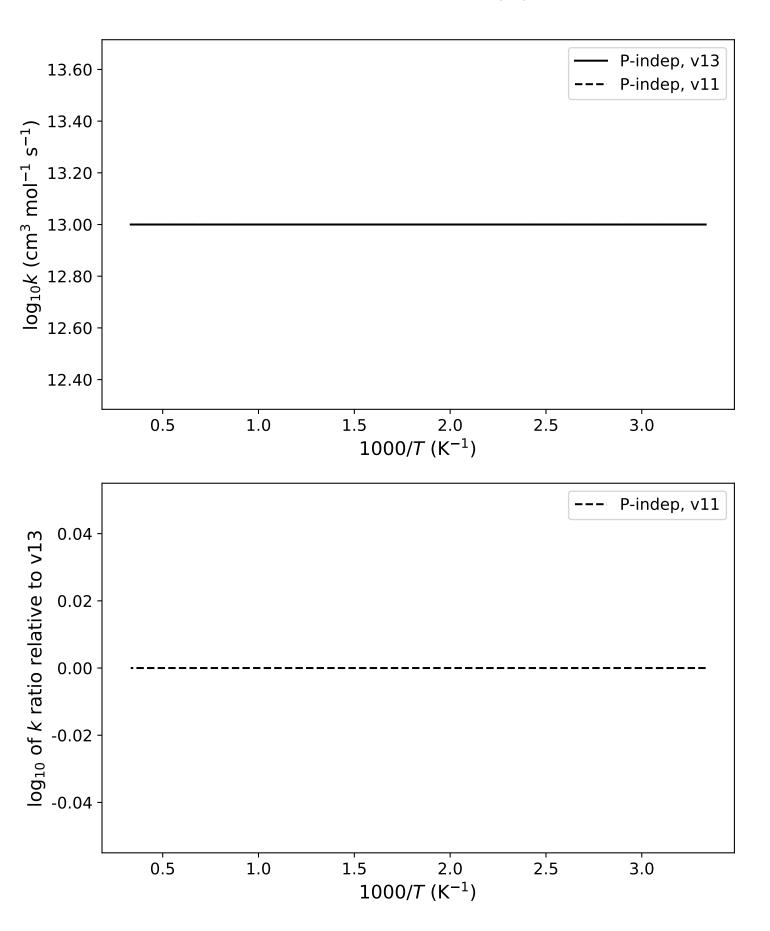
### CH3OO+CH4=CH3OOH+CH3



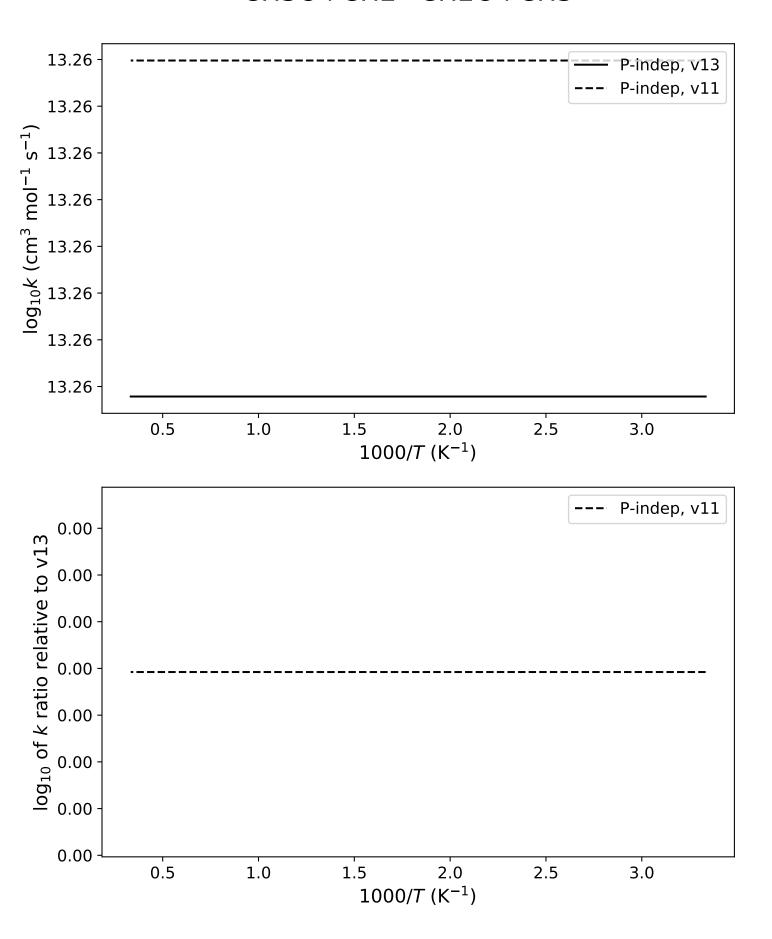
### CH3CH2OH+OH=CH3CHOH+H2O



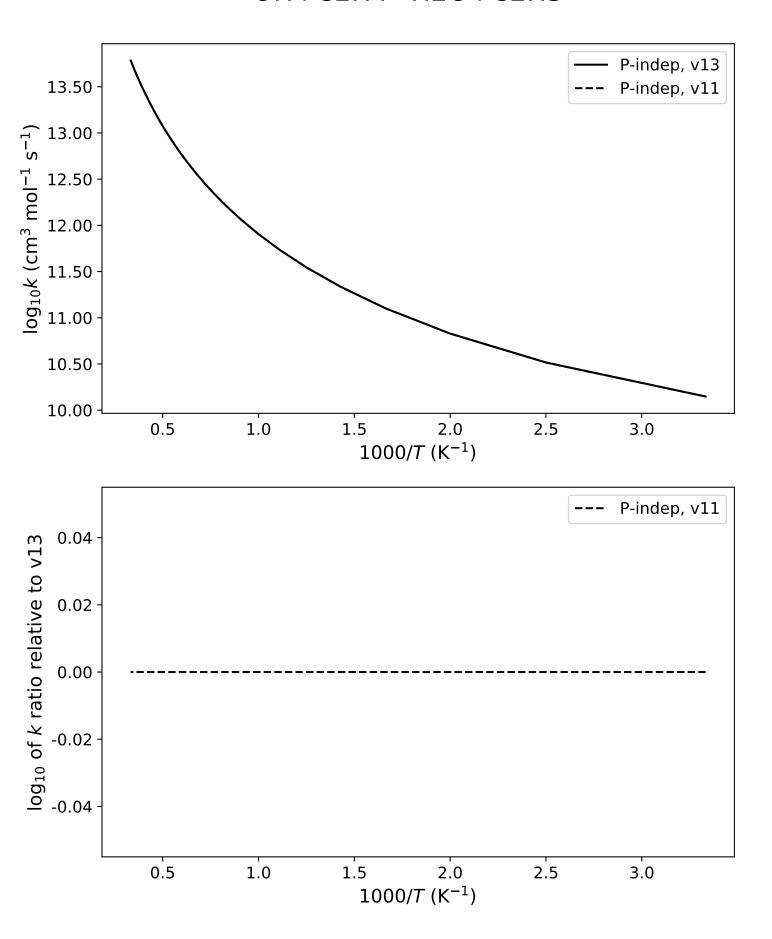
# C2H+CH2=CHCCH(S)+H



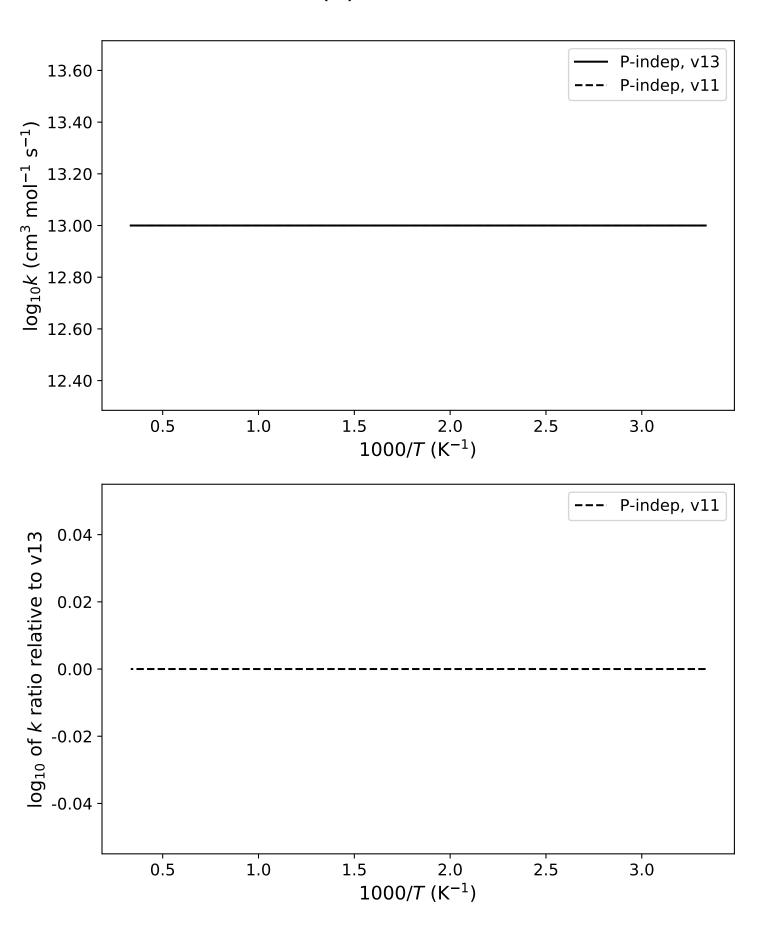
#### CH3O+CH2=CH2O+CH3



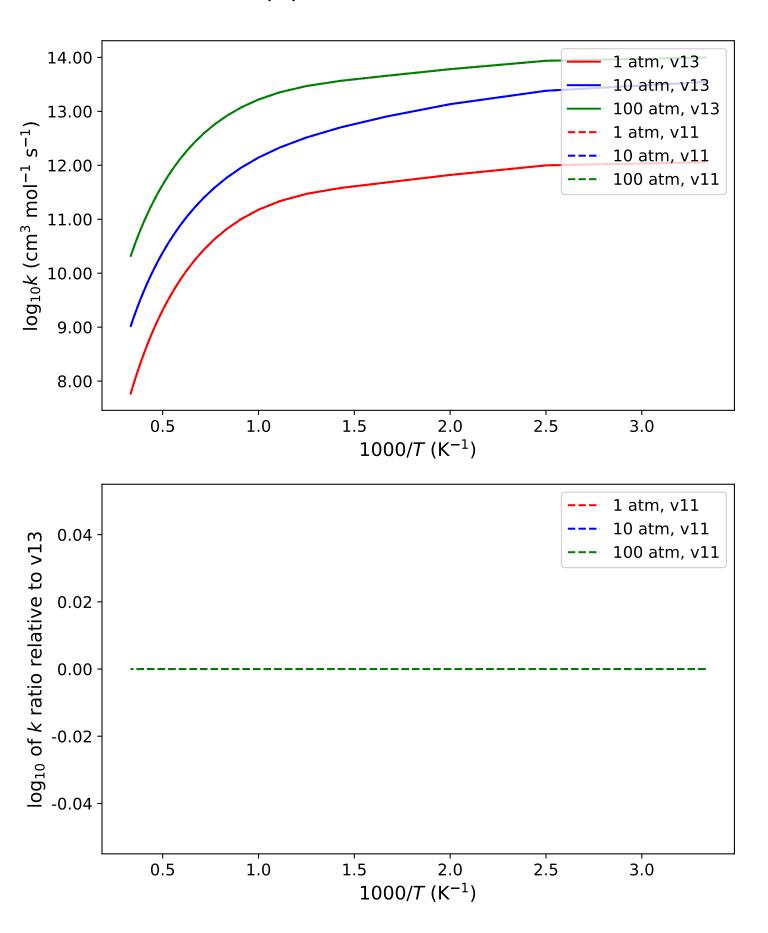
### OH+C2H4=H2O+C2H3



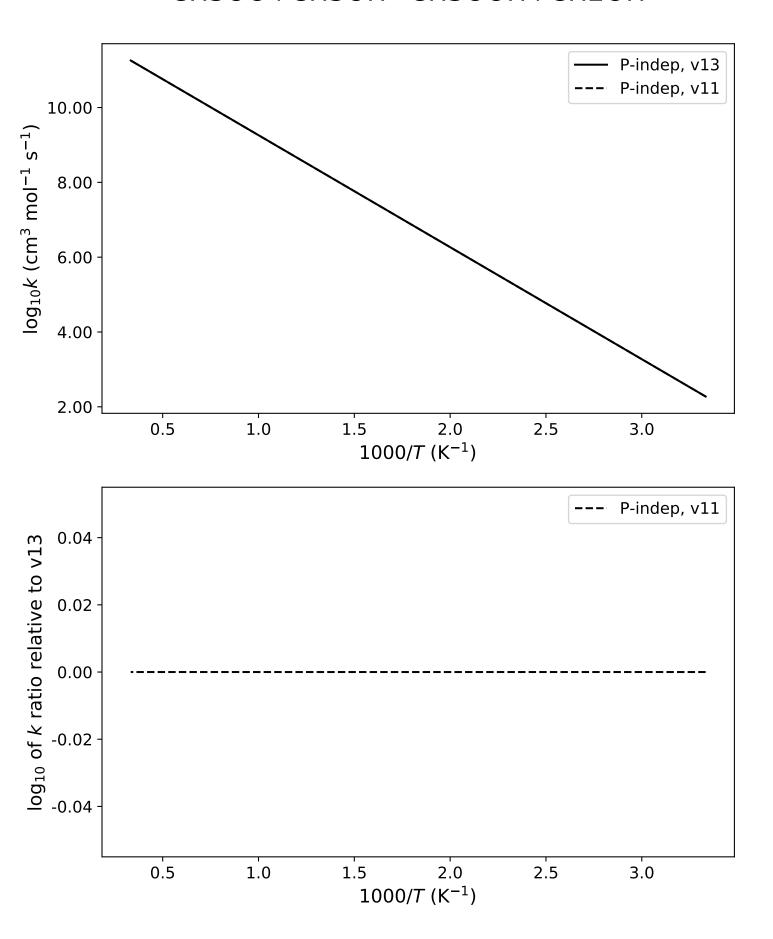
## CHOH(T)+O2=CO2+H2O



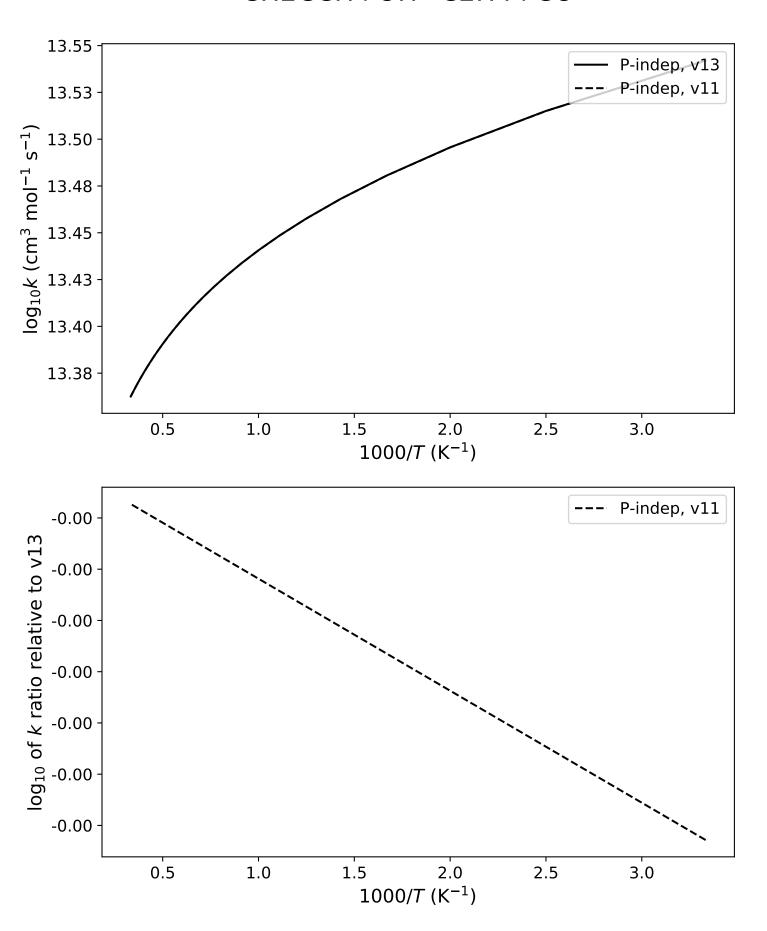
### CH2(S)+C2H4=c-CH2CH2CH2



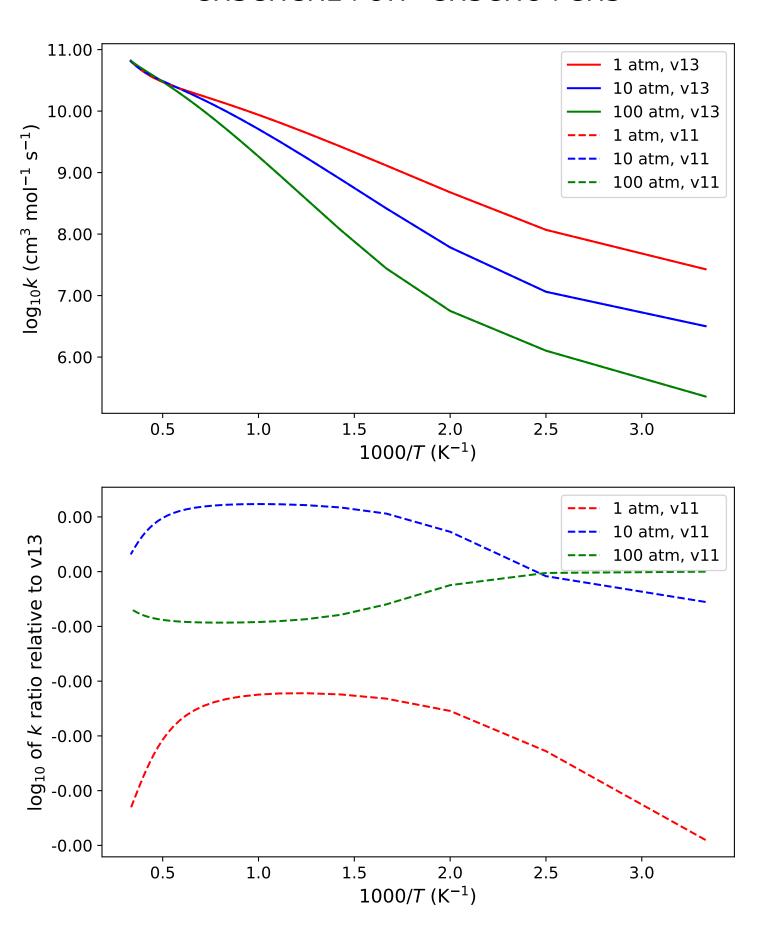
### CH3OO+CH3OH=CH3OOH+CH2OH



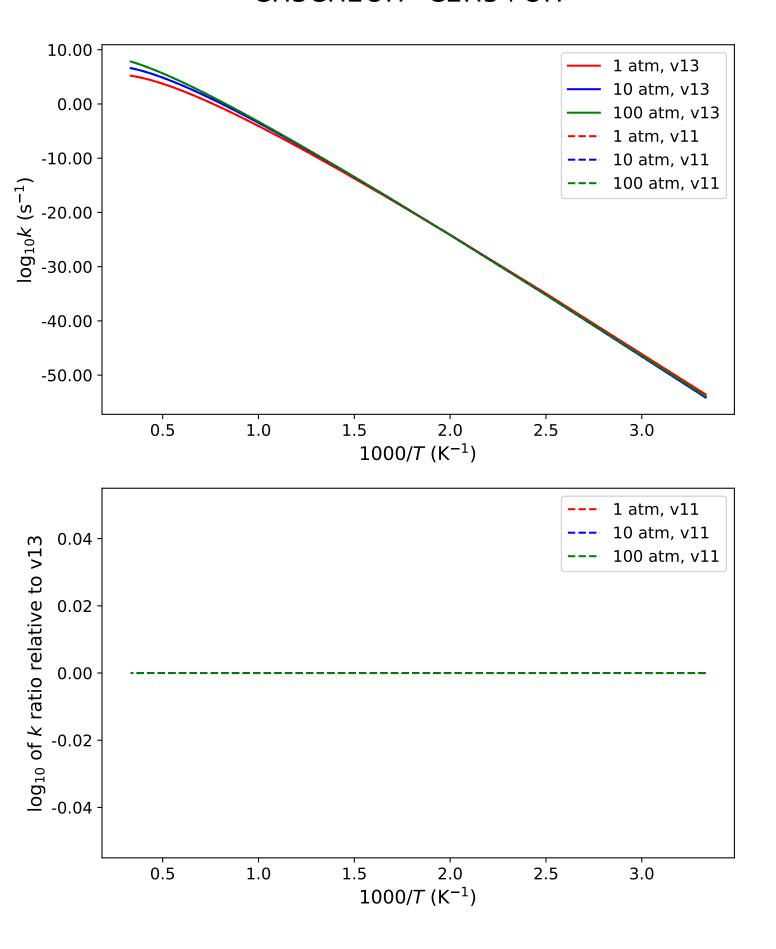
### CH2CCH+OH=C2H4+CO



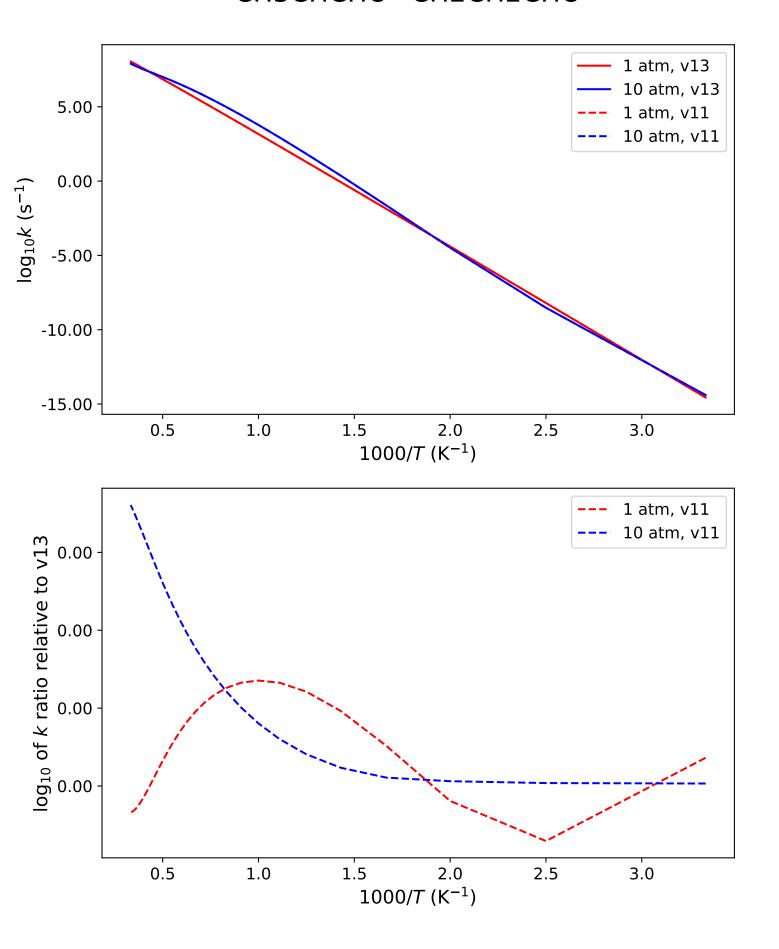
### CH3CHCH2+OH=CH3CHO+CH3



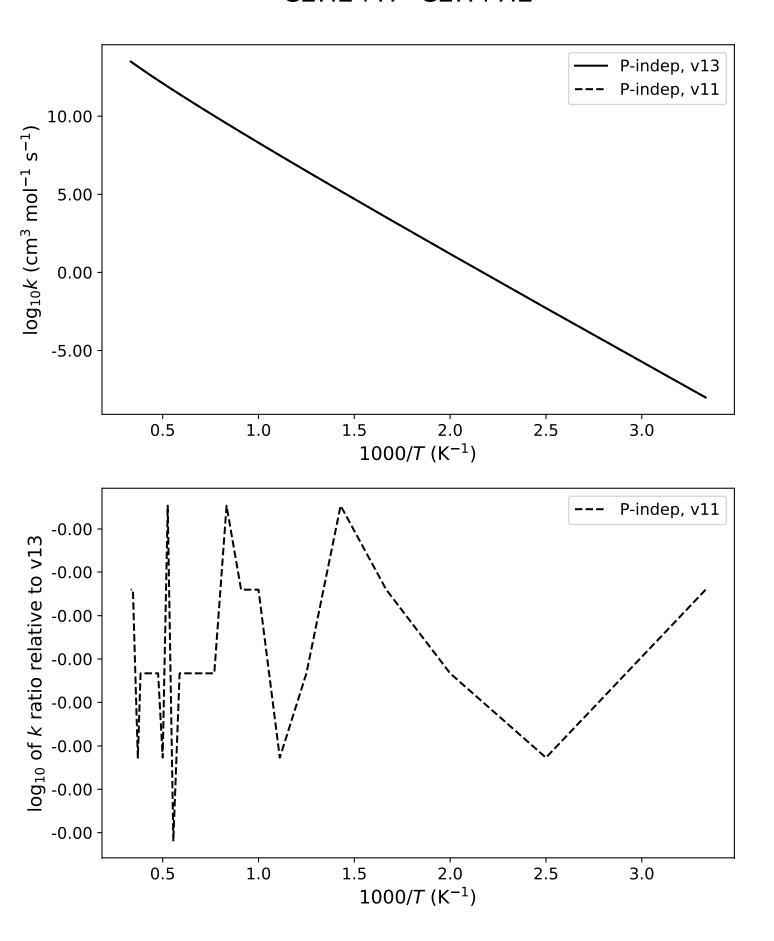
### CH3CH2OH=C2H5+OH



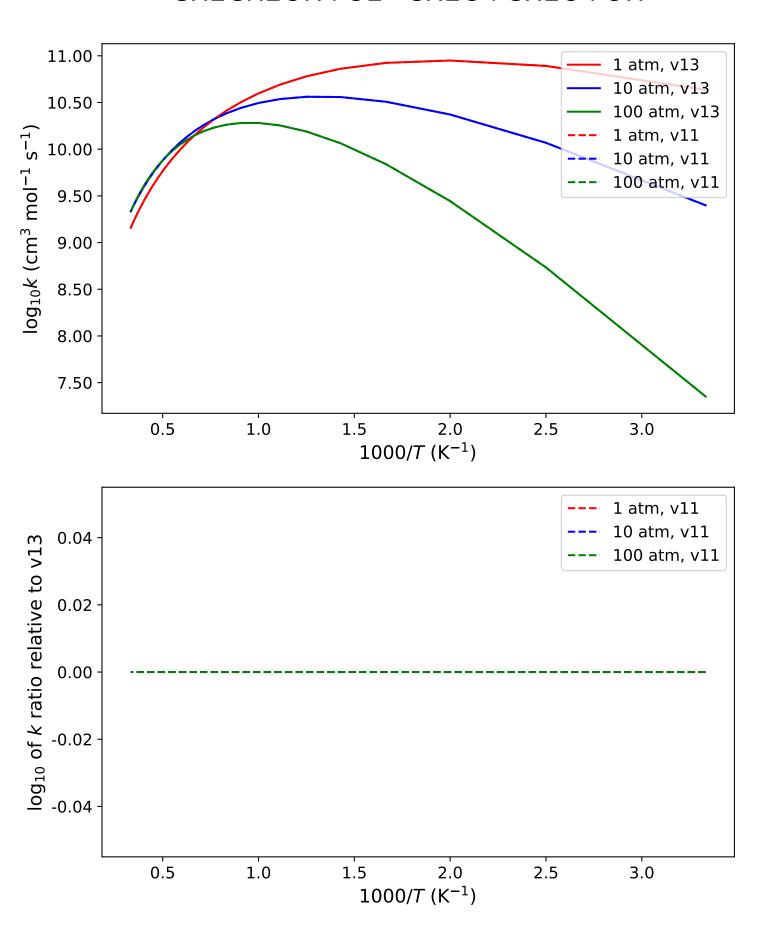
## CH3CHCHO=CH2CH2CHO



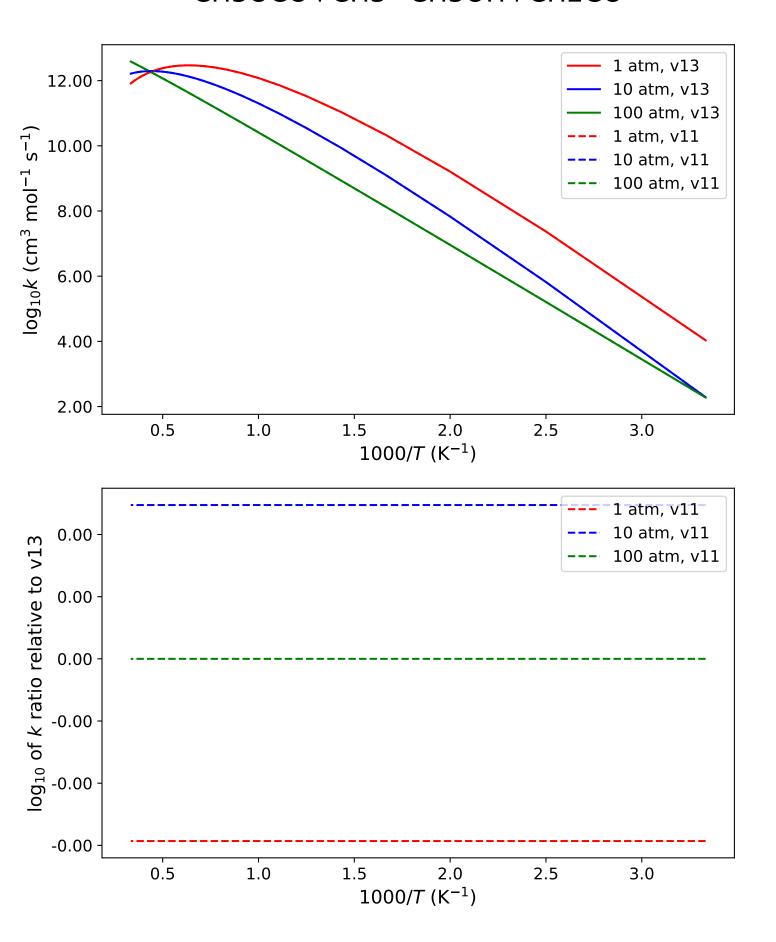
## C2H2+H=C2H+H2



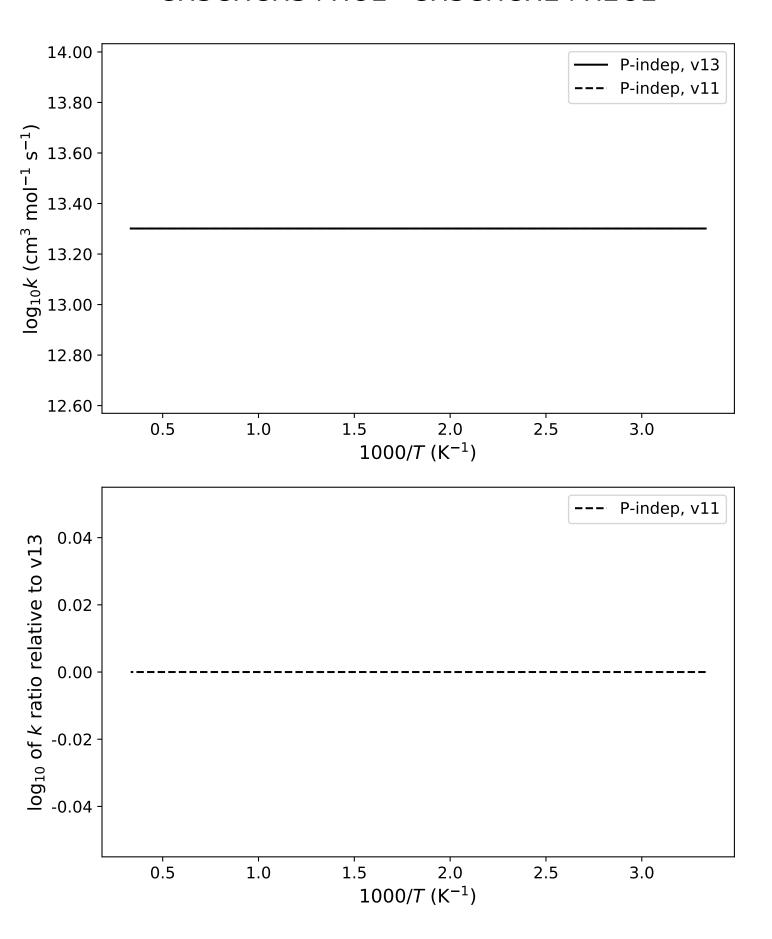
#### CH2CH2OH+O2=CH2O+CH2O+OH



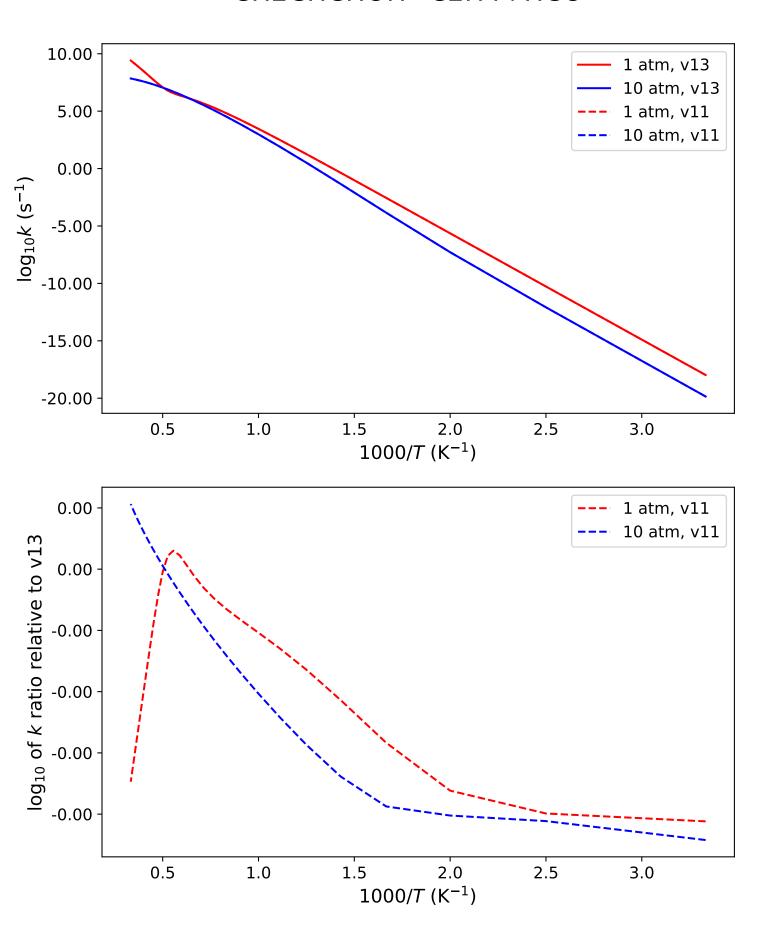
### CH3OCO+CH3=CH3OH+CH2CO



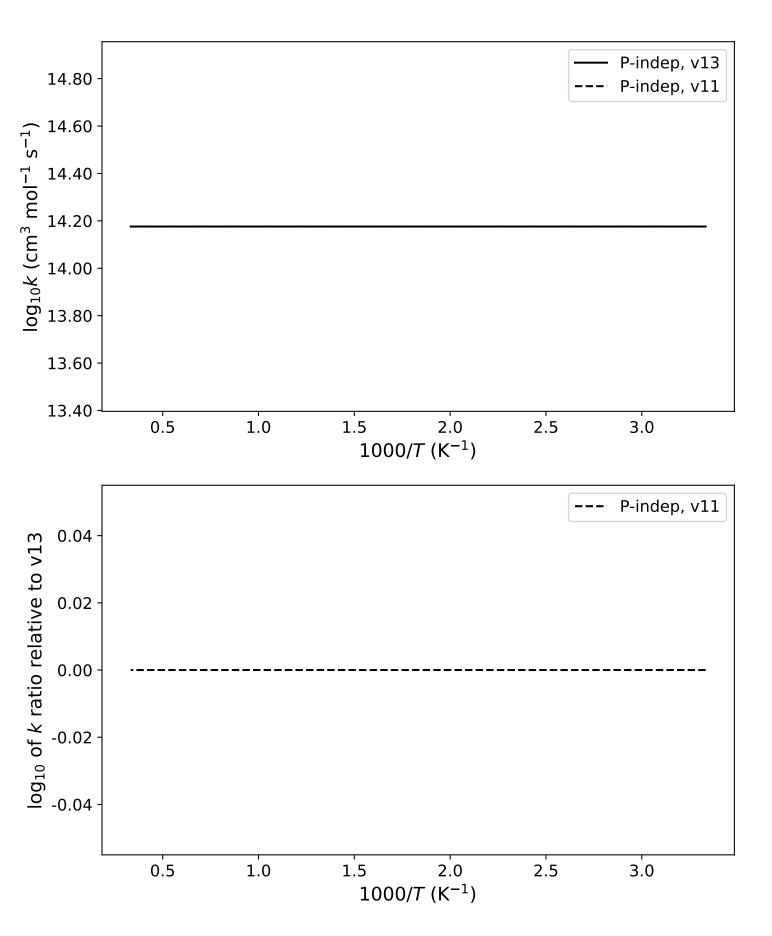
### CH3CHCH3+HO2=CH3CHCH2+H2O2



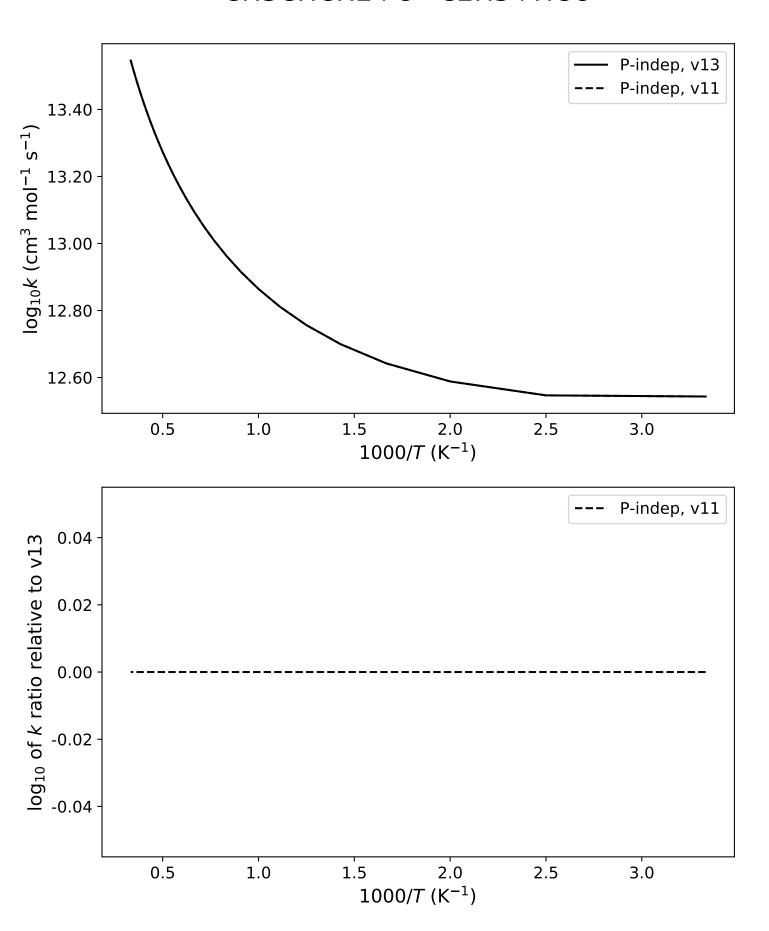
### CH2CHCHOH=C2H4+HCO



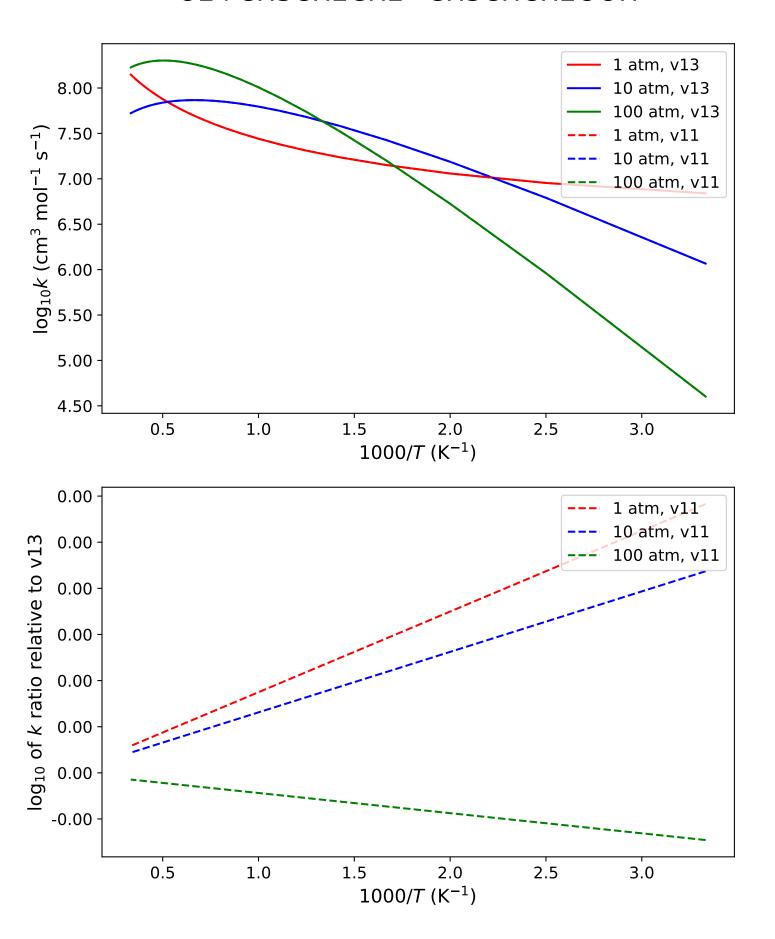
### CH3CO+O=CH3+CO2



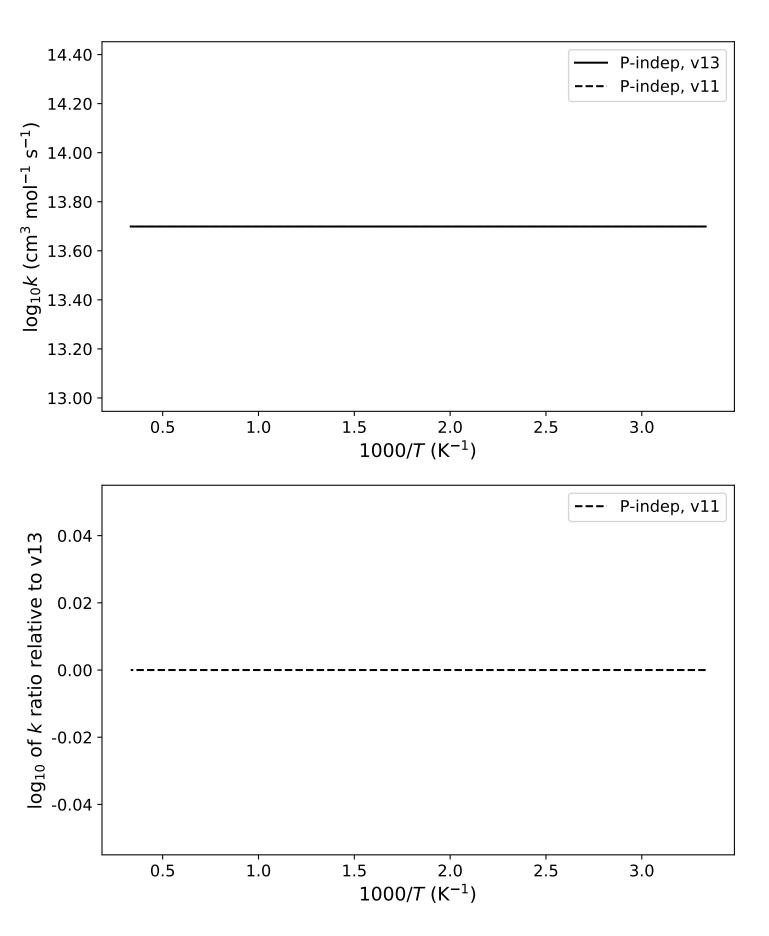
## CH3CHCH2+O=C2H5+HCO



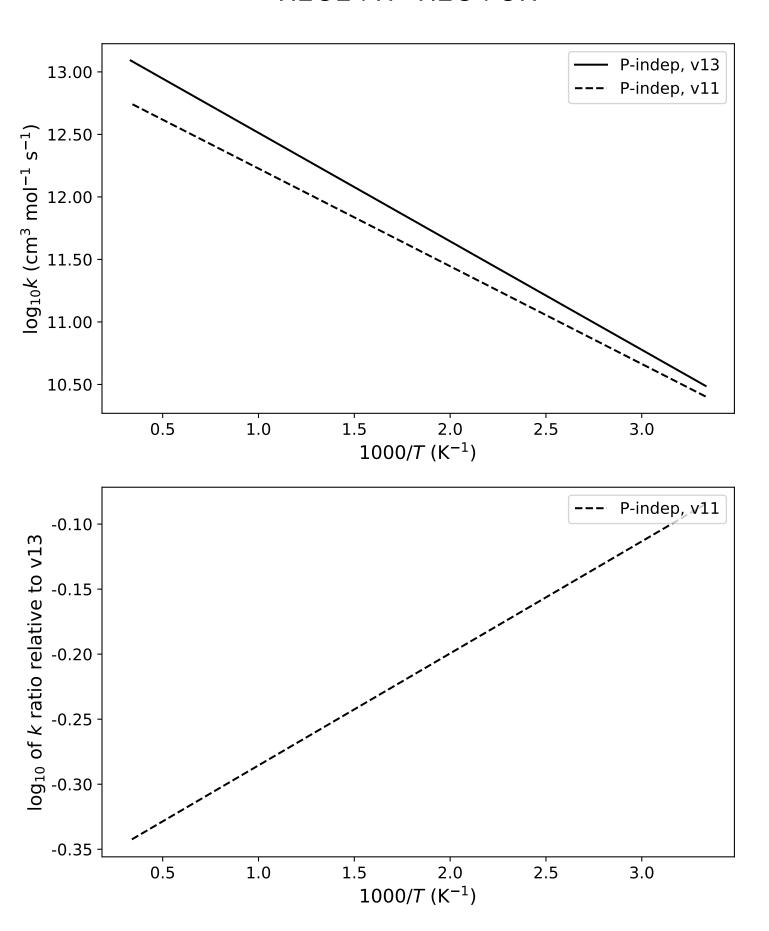
#### O2+CH3CH2CH2=CH3CHCH2OOH



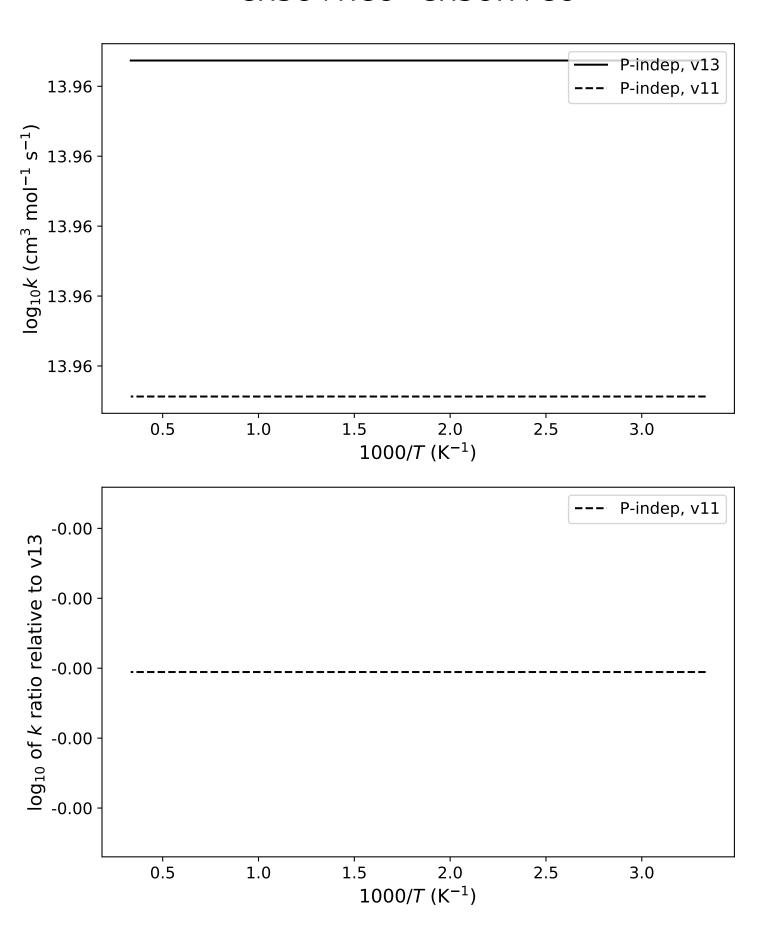
## C2+OH=CCO+H



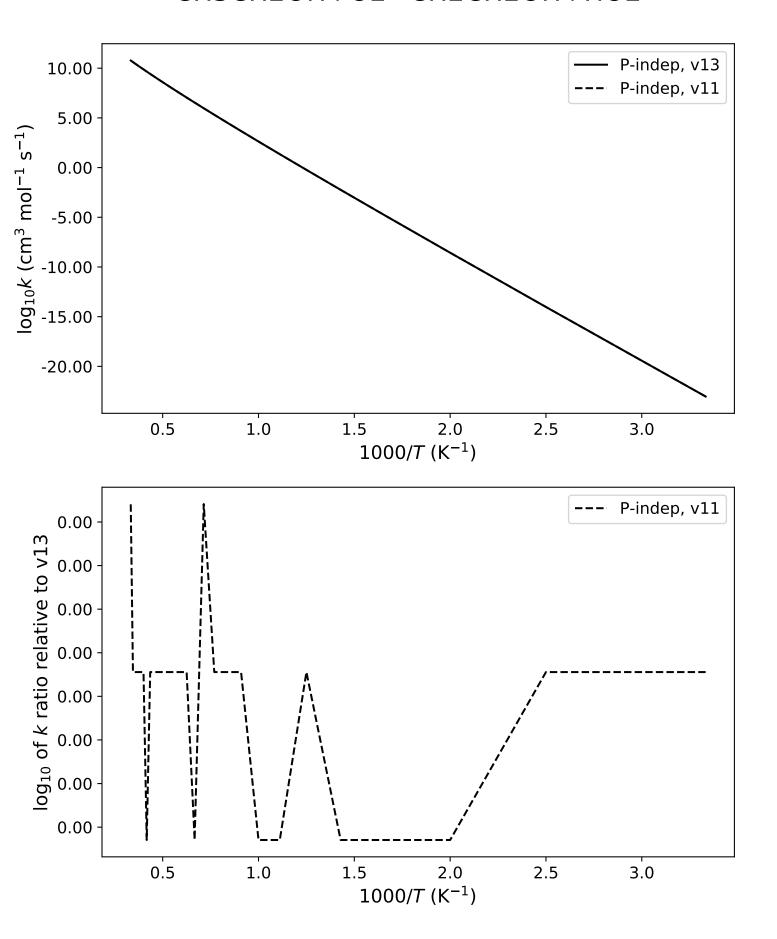
### H2O2+H=H2O+OH



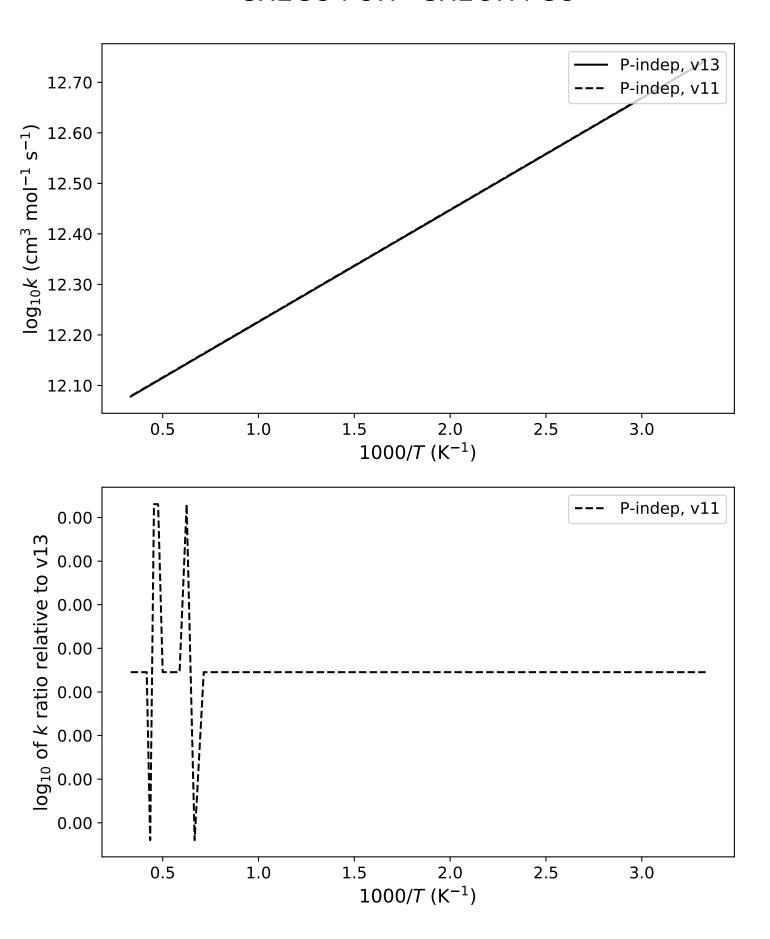
# CH3O+HCO=CH3OH+CO



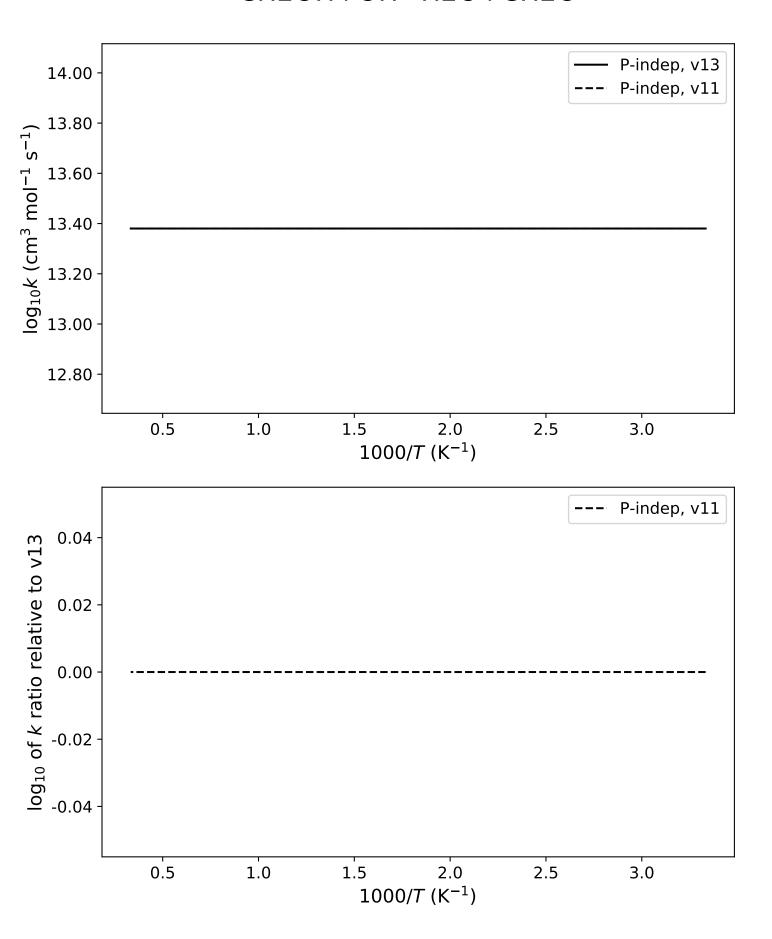
### CH3CH2OH+O2=CH2CH2OH+HO2



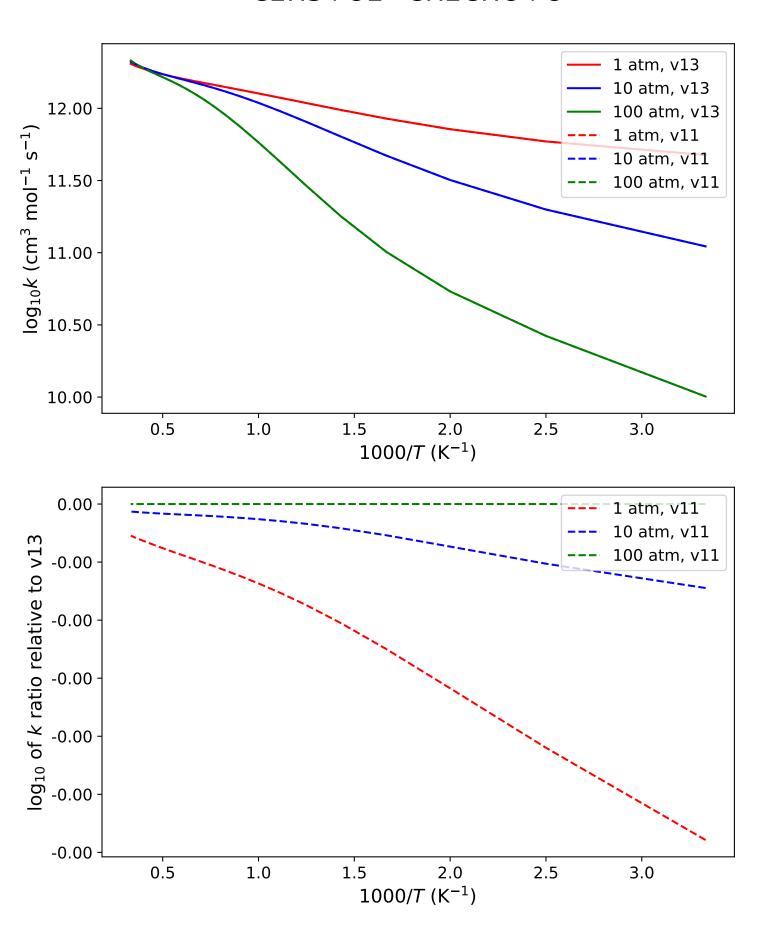
# CH2CO+OH=CH2OH+CO



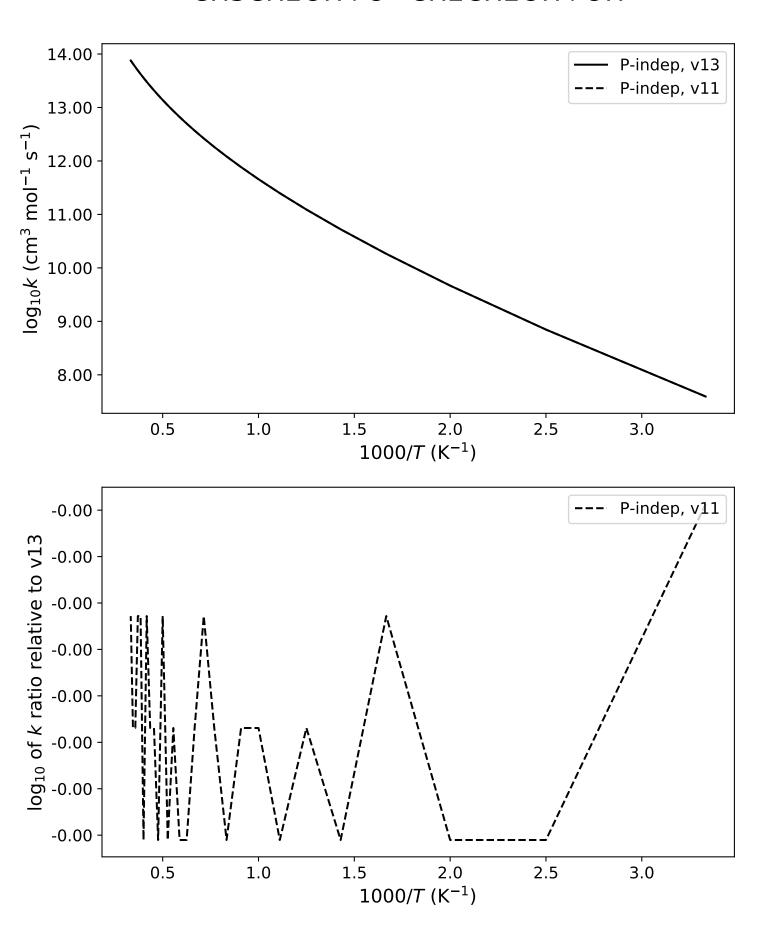
### CH2OH+OH=H2O+CH2O



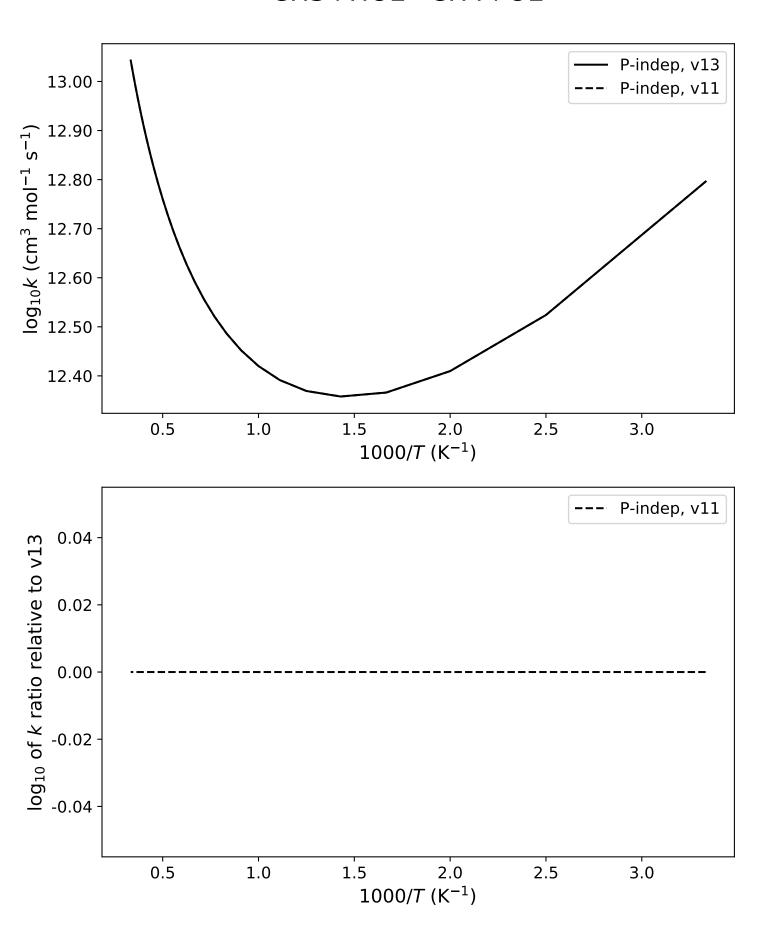
## C2H3+O2=CH2CHO+O



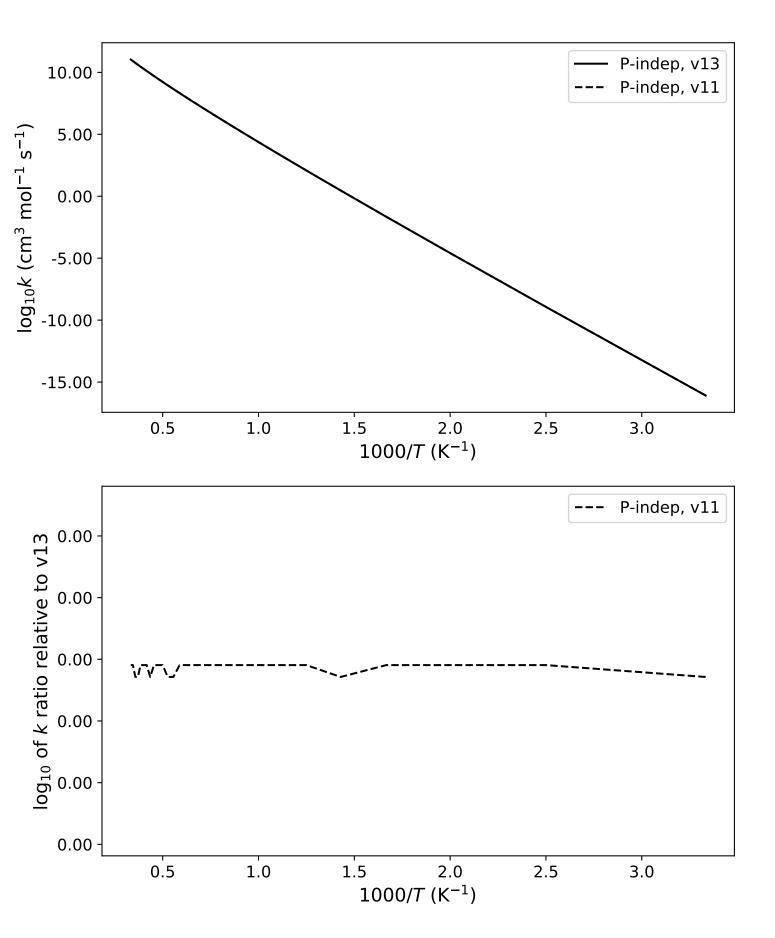
### CH3CH2OH+O=CH2CH2OH+OH



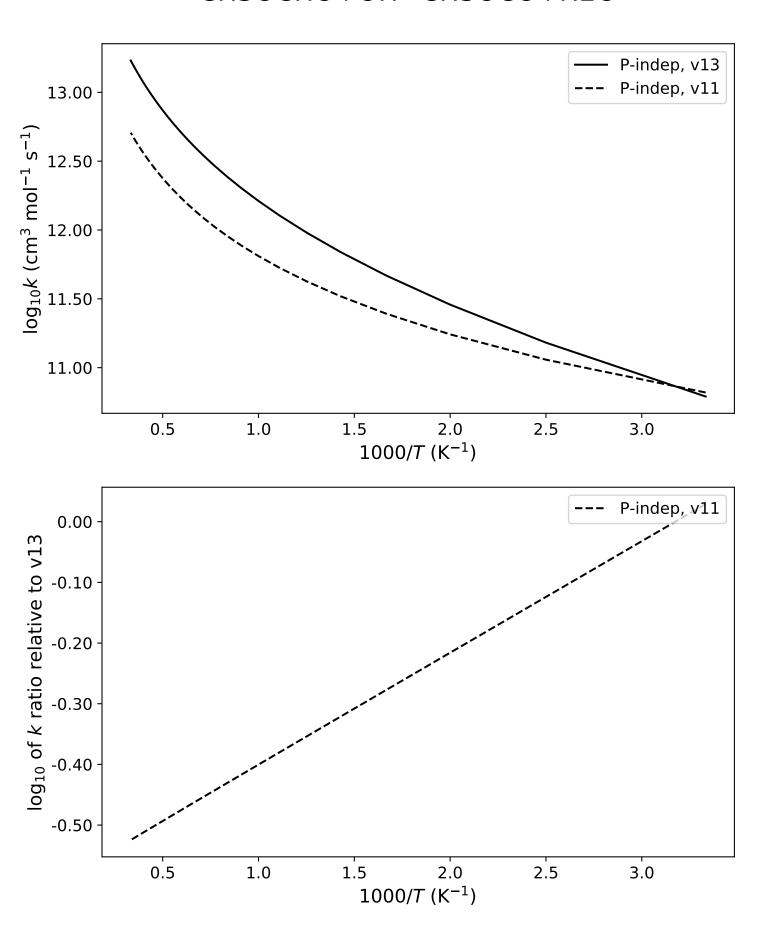
### CH3+HO2=CH4+O2



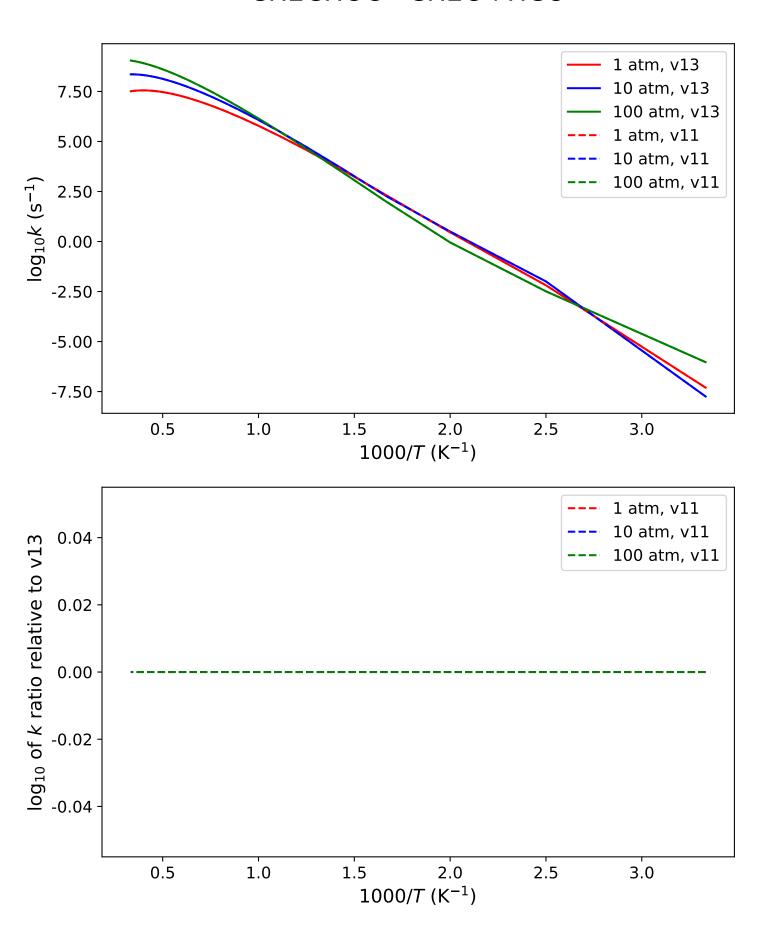
### CH3CHO+O2=CH3CO+HO2



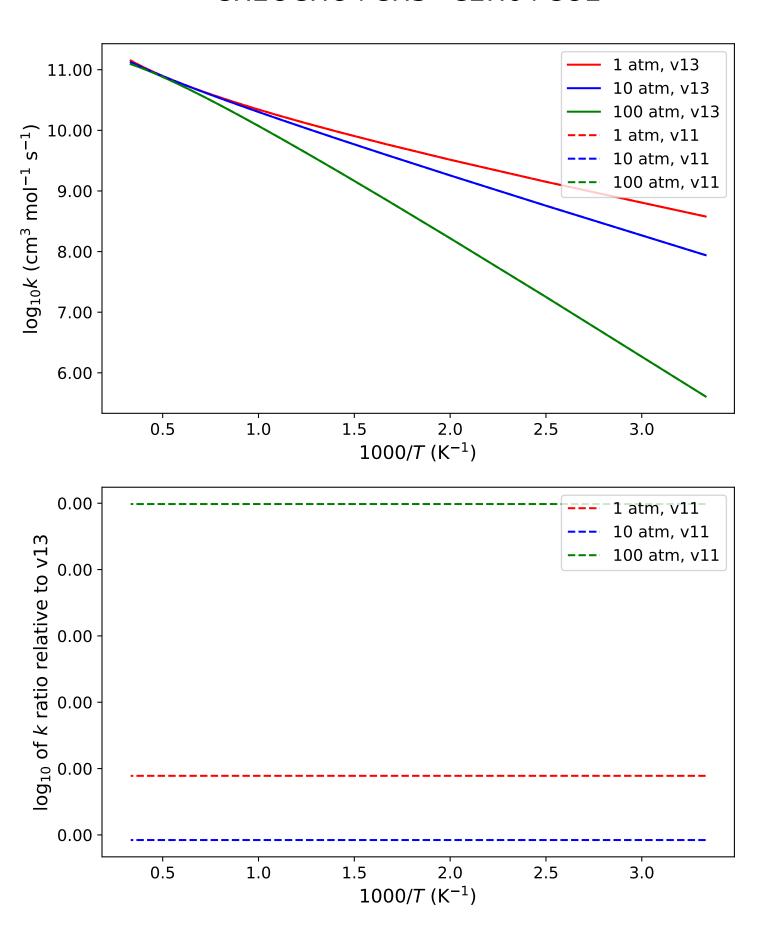
### CH3OCHO+OH=CH3OCO+H2O



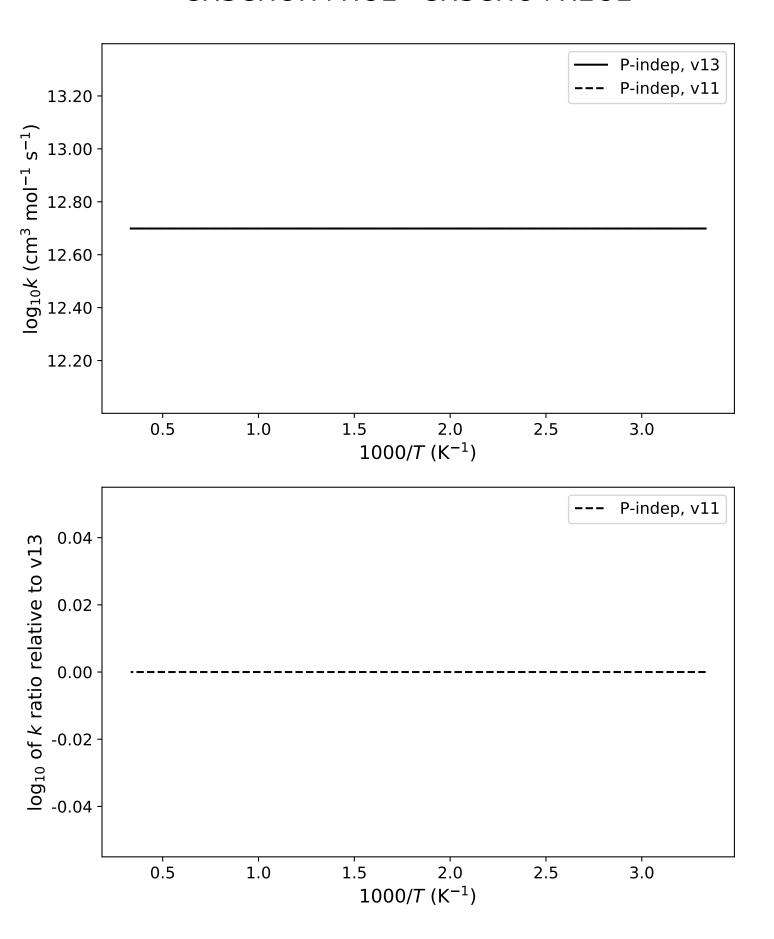
### CH2CHOO=CH2O+HCO



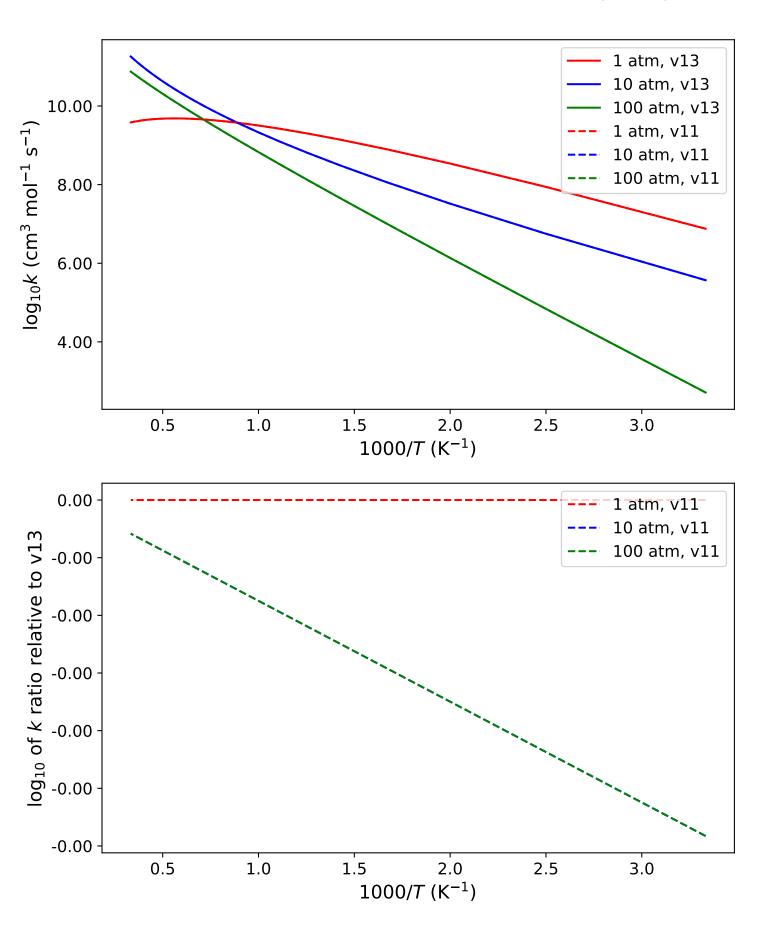
### CH2OCHO+CH3=C2H6+CO2



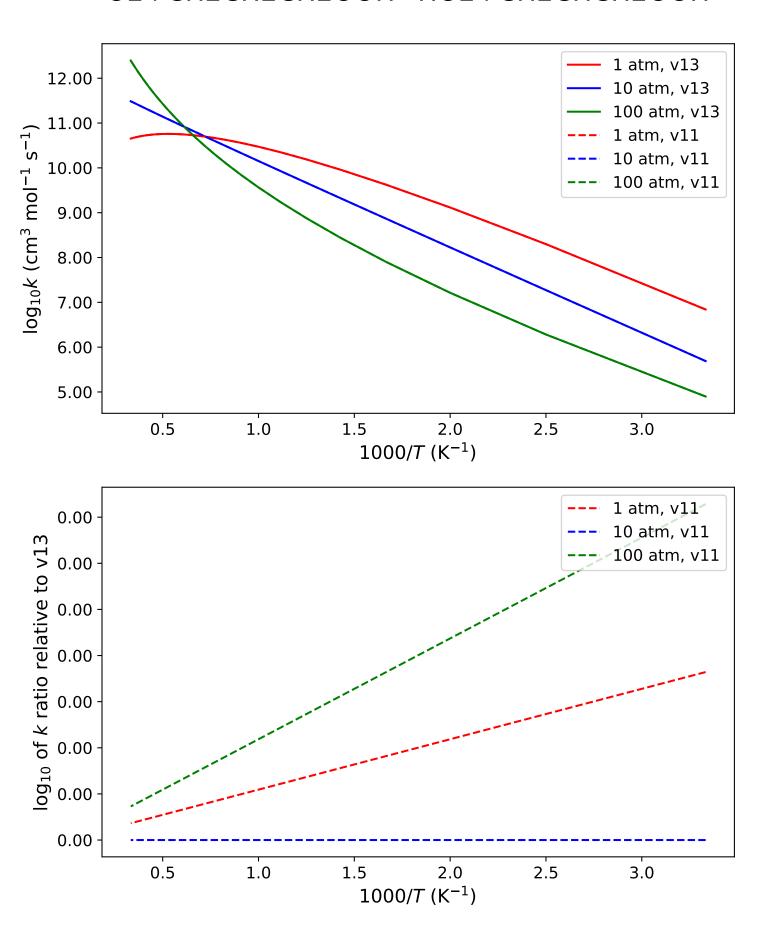
### CH3CHOH+HO2=CH3CHO+H2O2



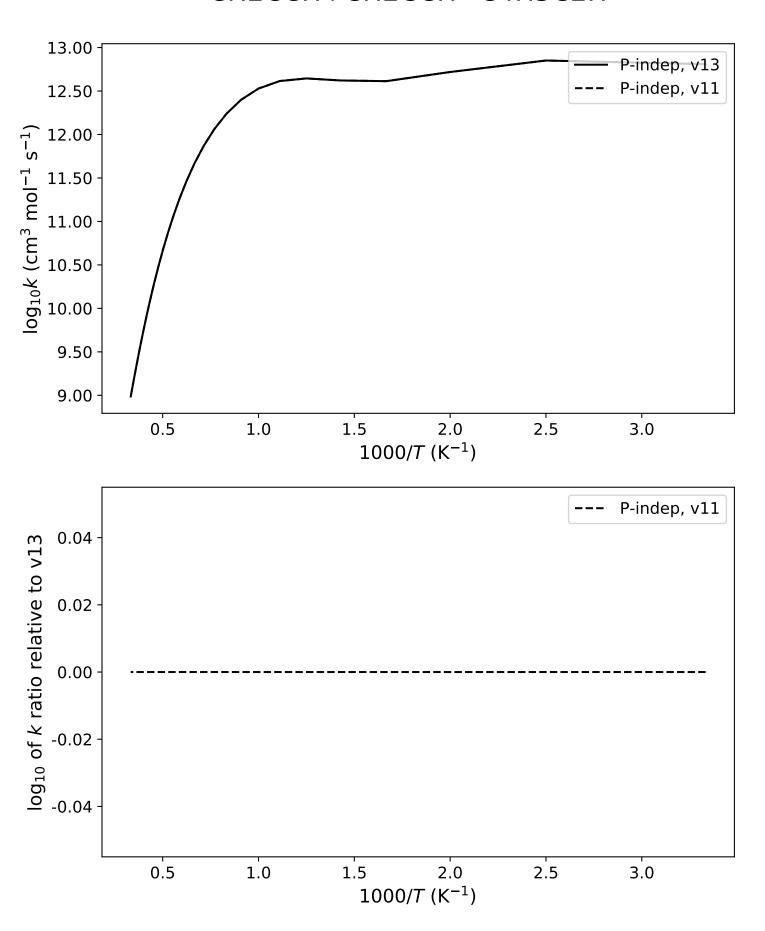
#### O2+CH3CH2CH2=OH+c-CH2OCH(CH3)



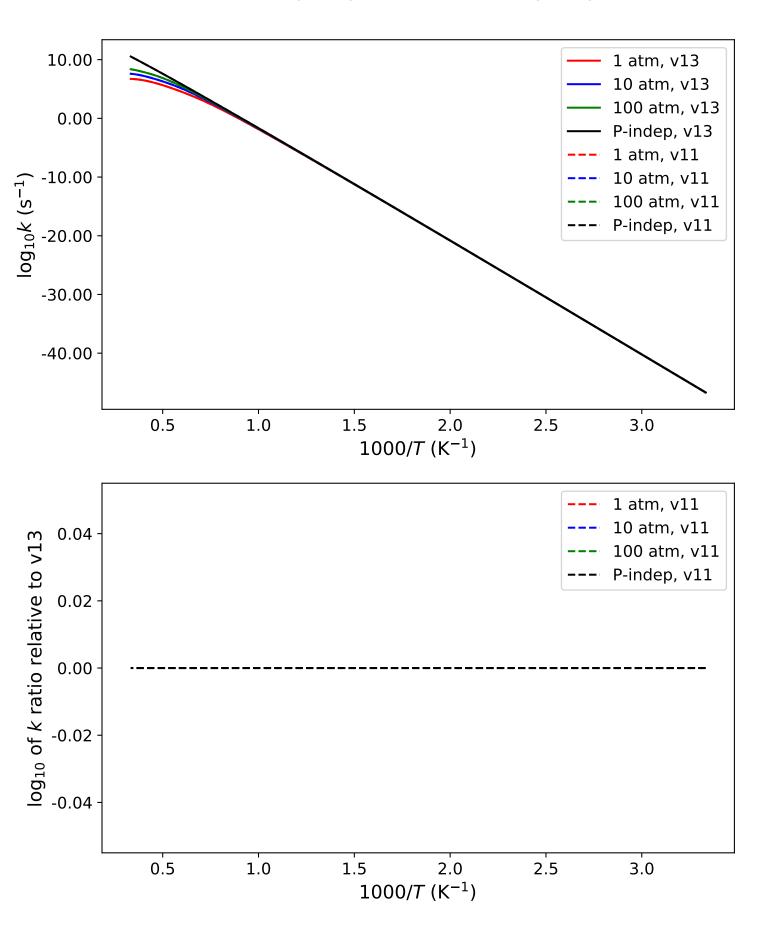
#### O2+CH2CH2COOH=HO2+CH2CHCH2OOH



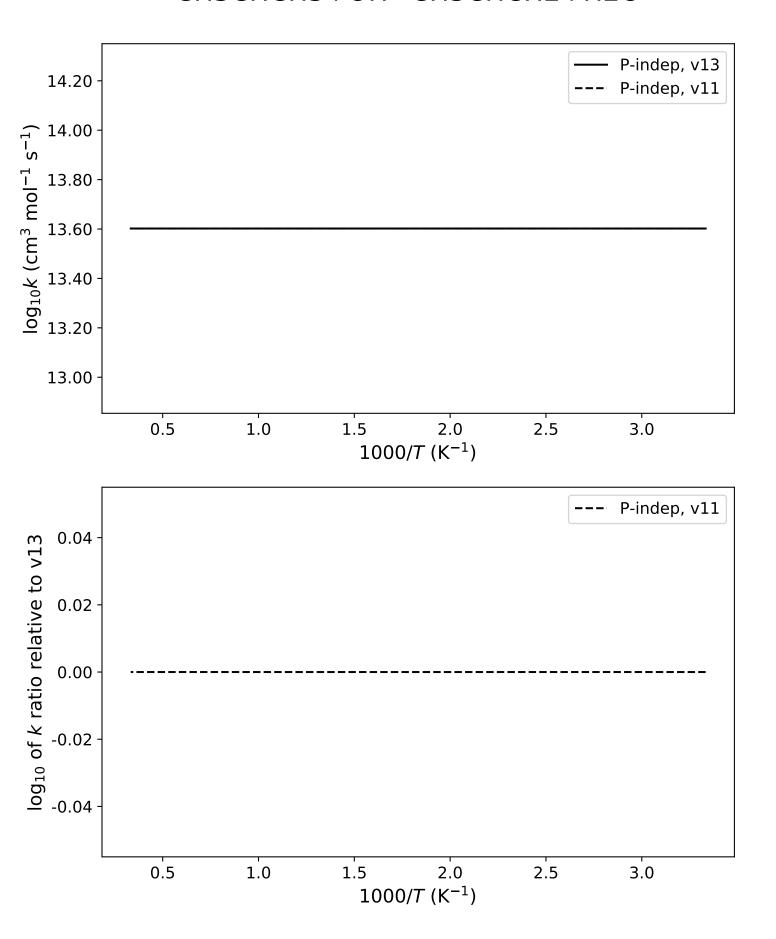
### CH2CCH+CH2CCH=C4H5C2H



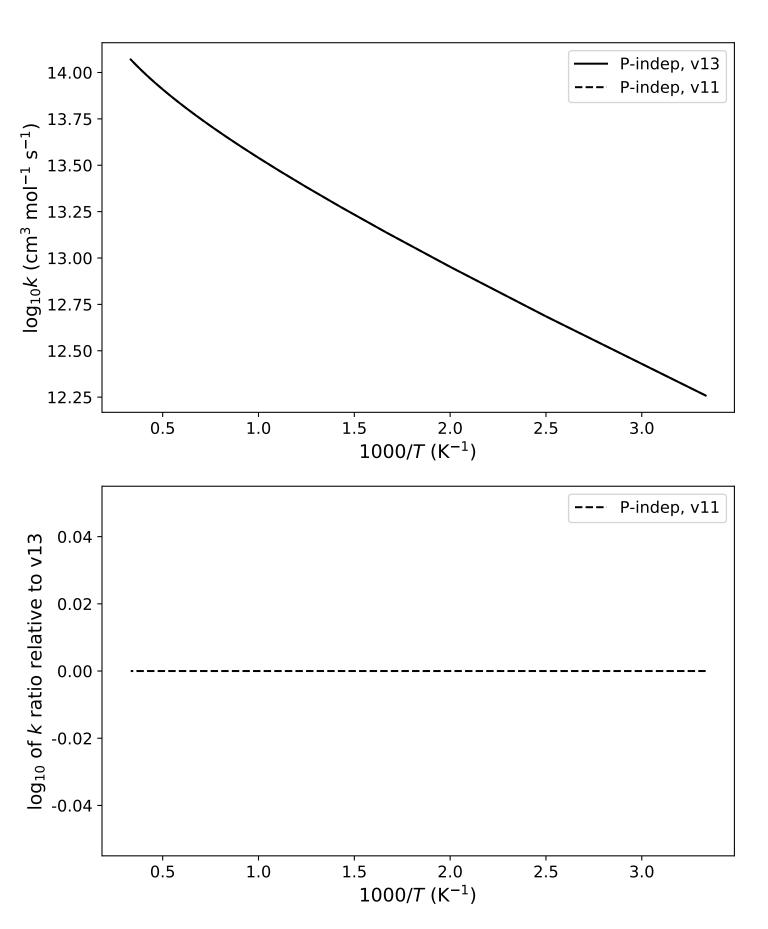
### C3H8(+M)=CH3+C2H5(+M)



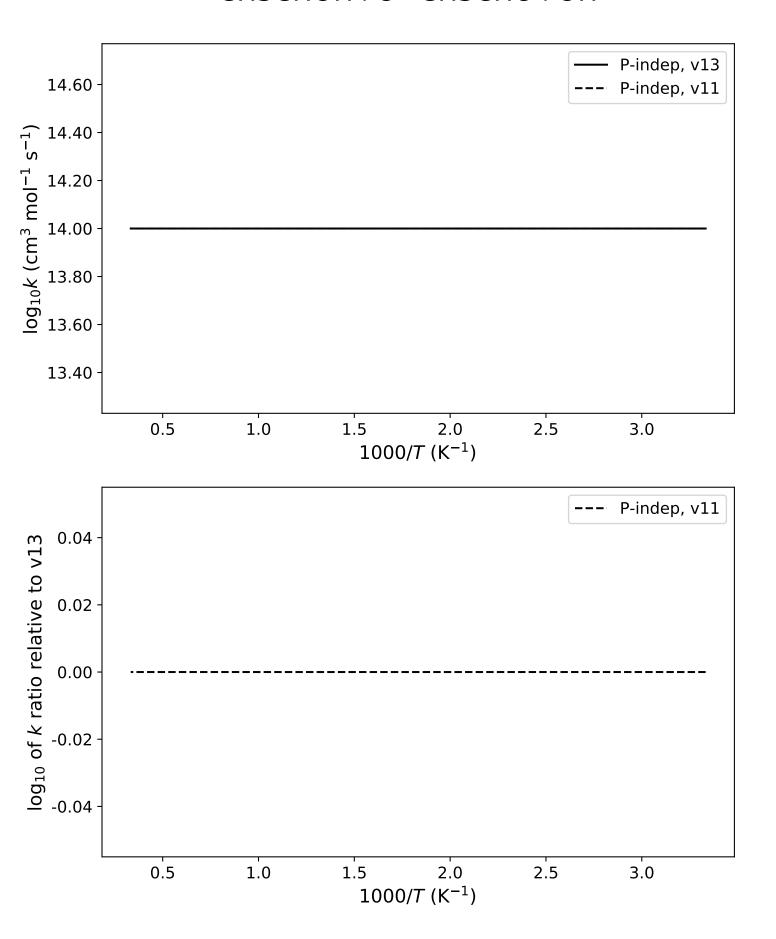
### CH3CHCH3+OH=CH3CHCH2+H2O



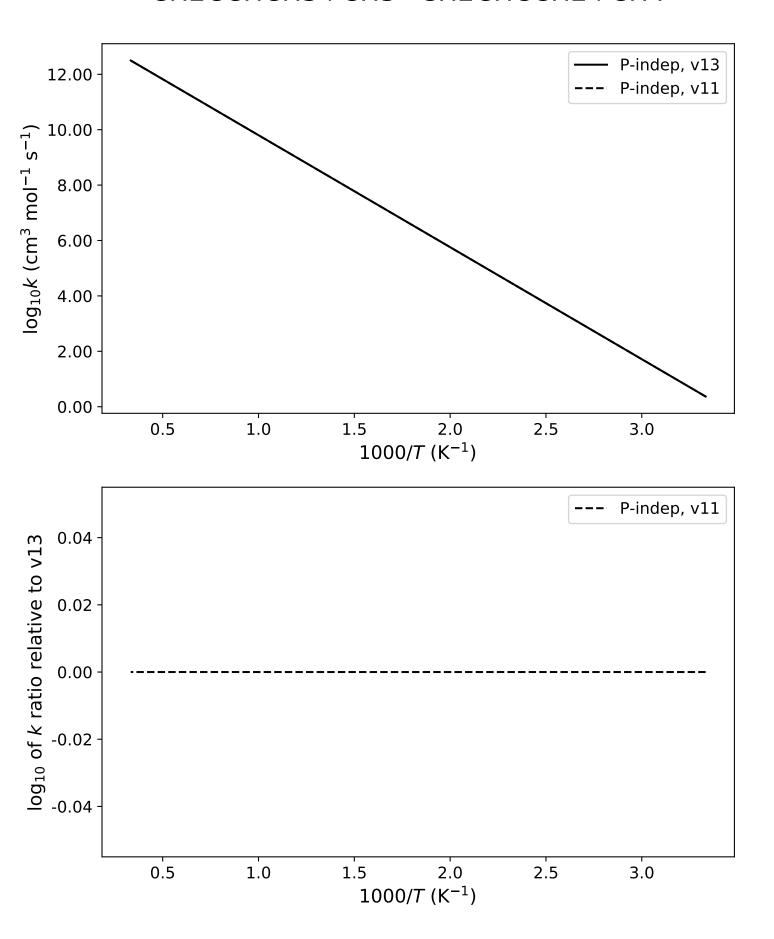
### FULVENE+H=C6H6+H



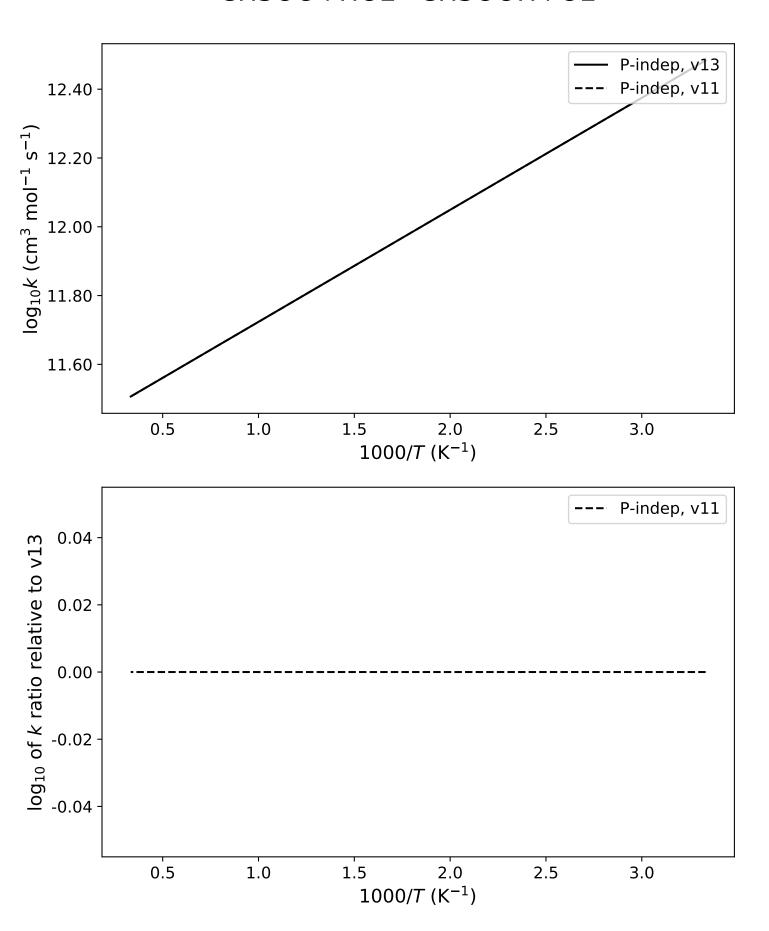
### CH3CHOH+O=CH3CHO+OH



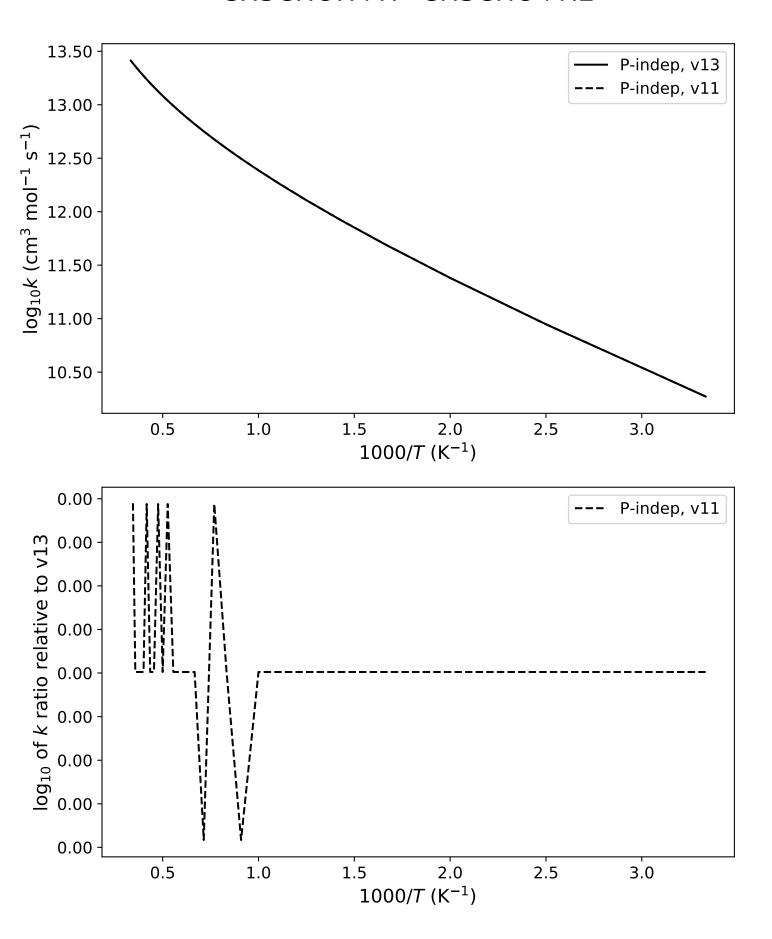
### CH2CCHCH3+CH3=CH2CHCCH2+CH4



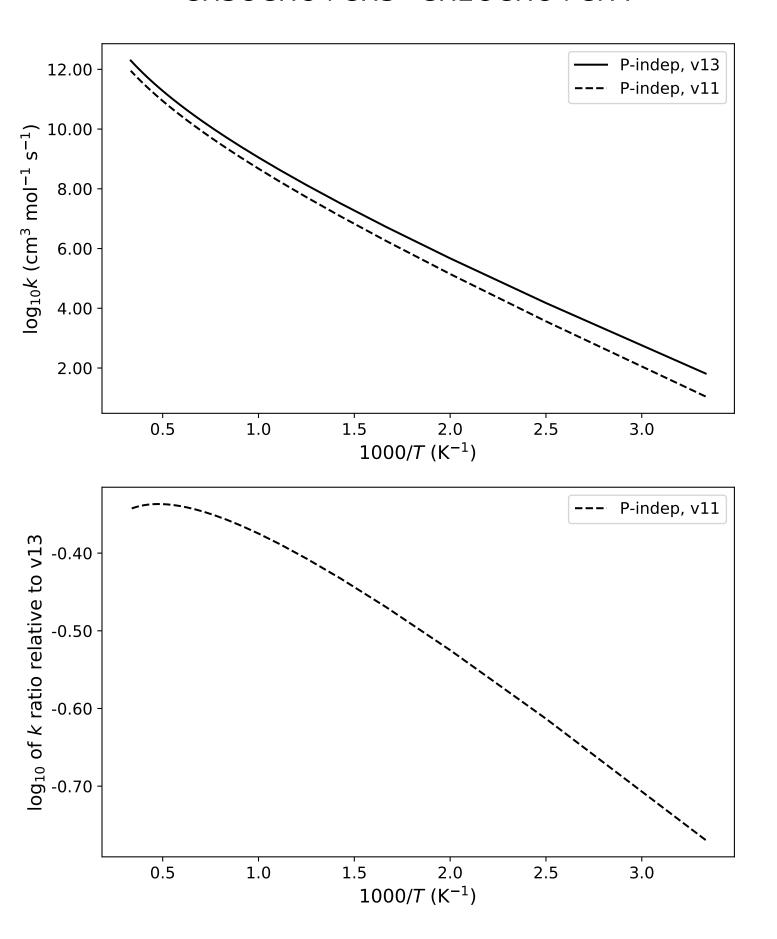
### CH3OO+HO2=CH3OOH+O2



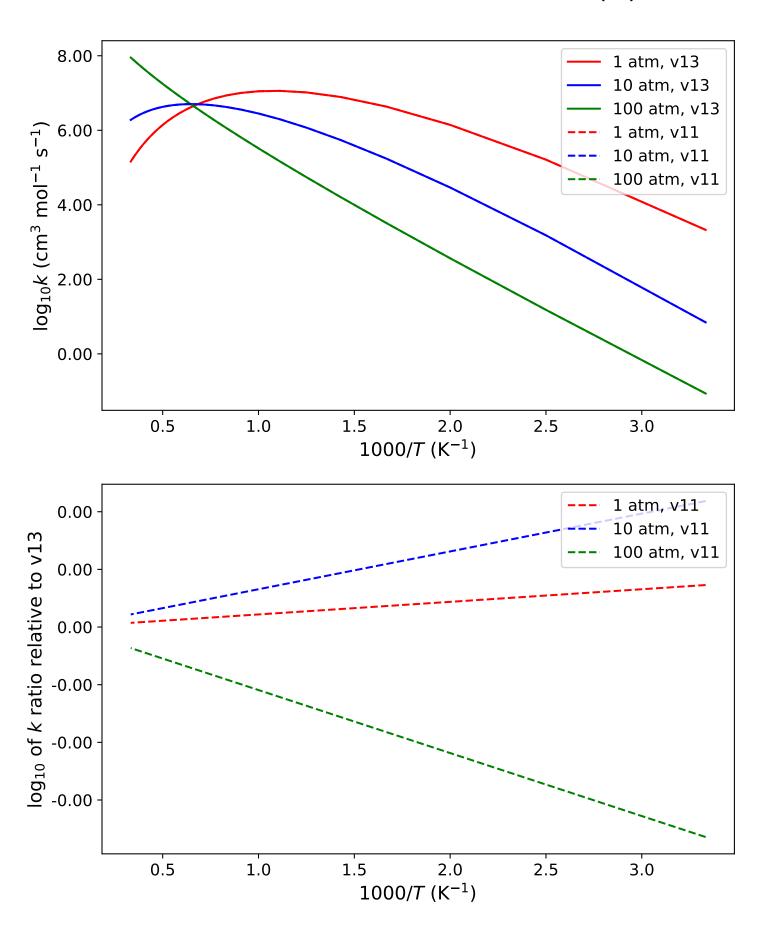
### CH3CHOH+H=CH3CHO+H2



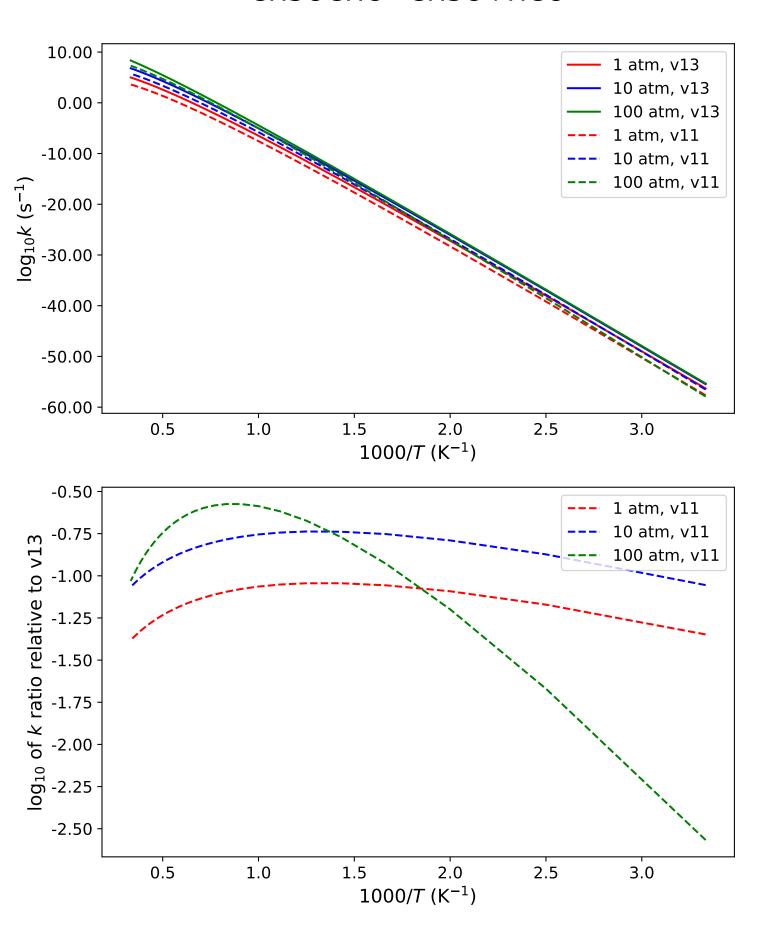
### CH3OCHO+CH3=CH2OCHO+CH4



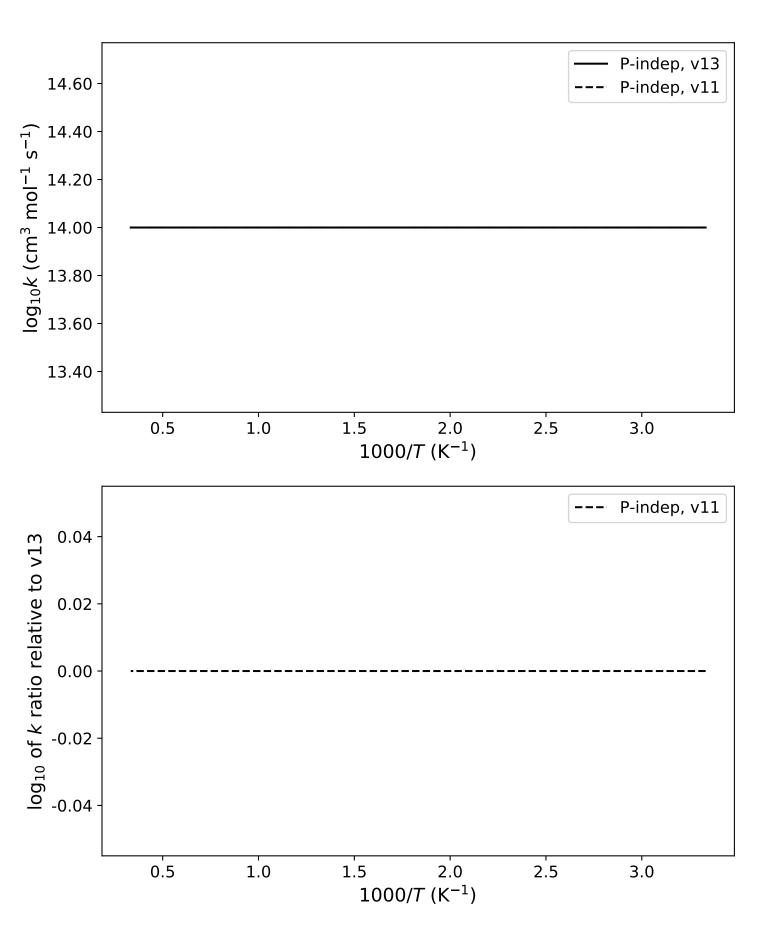
# O2+CH3CHCH2OOH=OH+OH+CH3C(O)CH2O



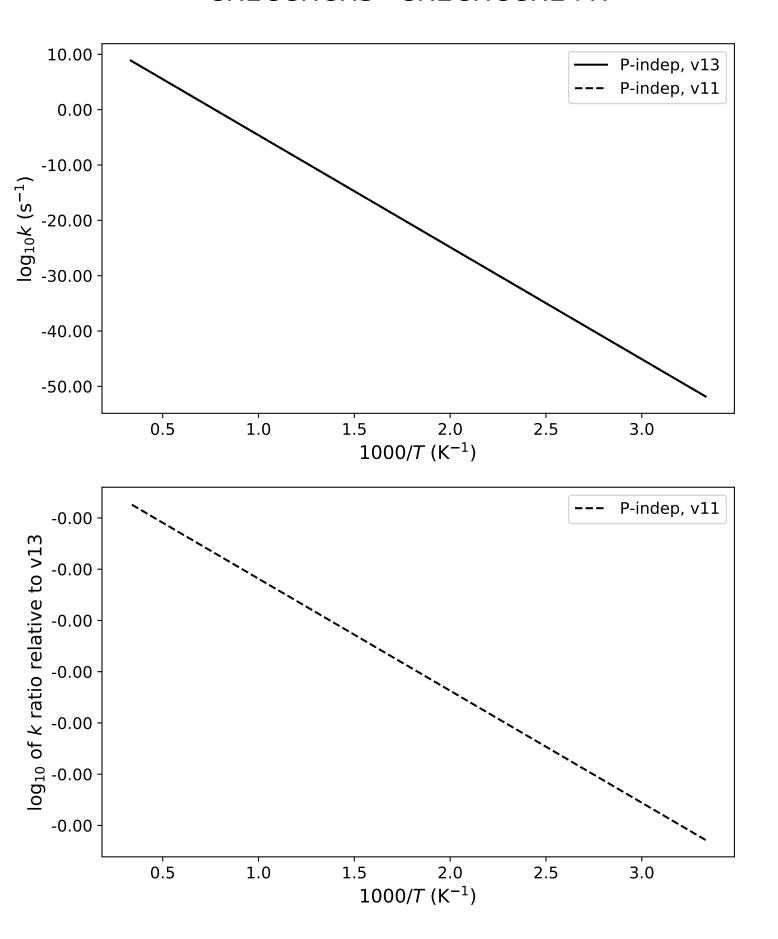
### CH3OCHO=CH3O+HCO



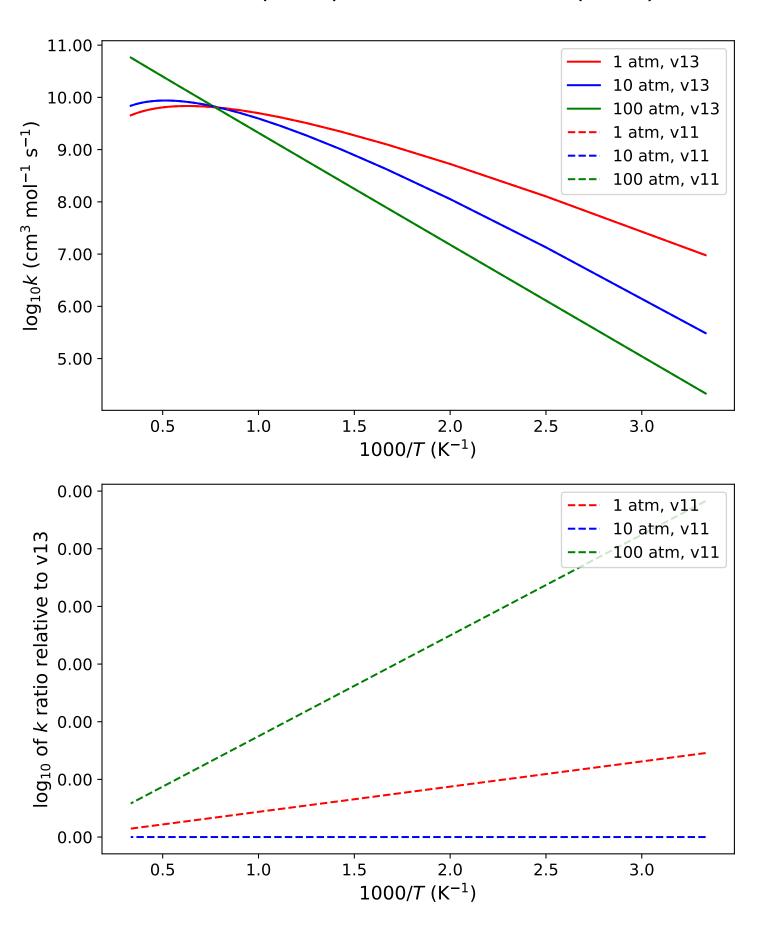
### CHCCH+O=C2H2+CO



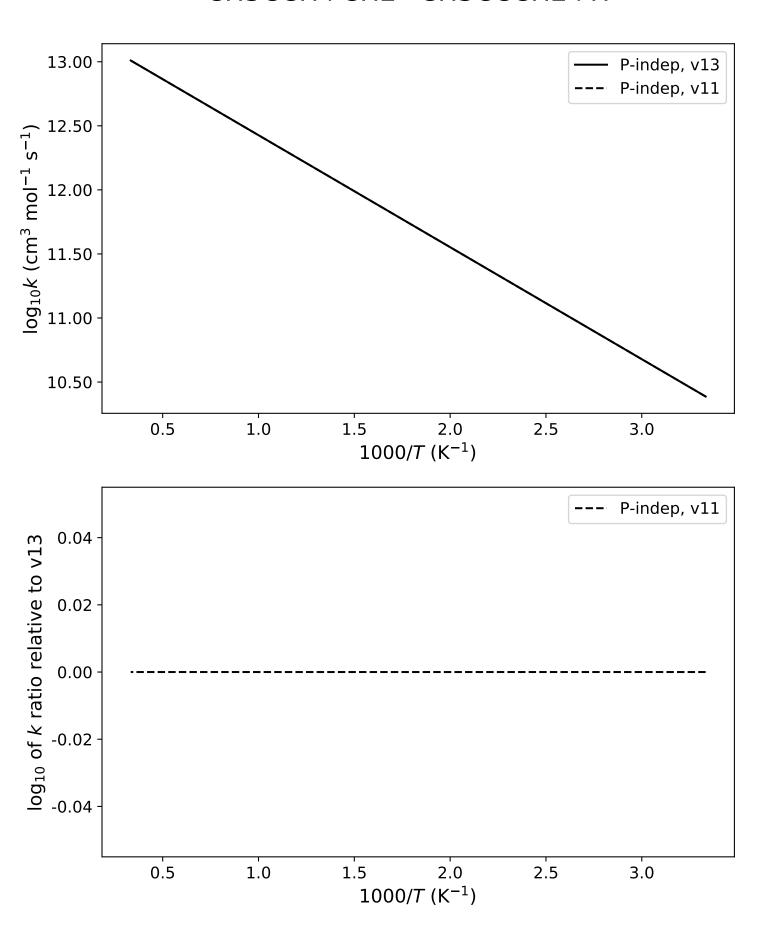
### CH2CCHCH3=CH2CHCCH2+H



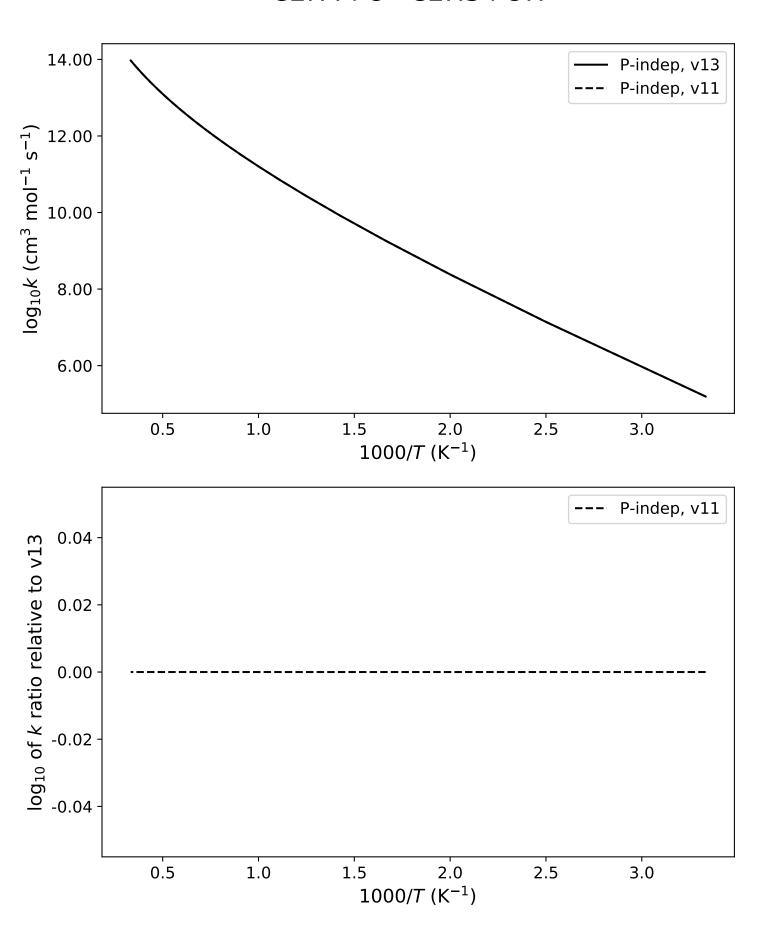
### O2+CH3CH(OOH)CH2=HO2+CH3C(OOH)CH2



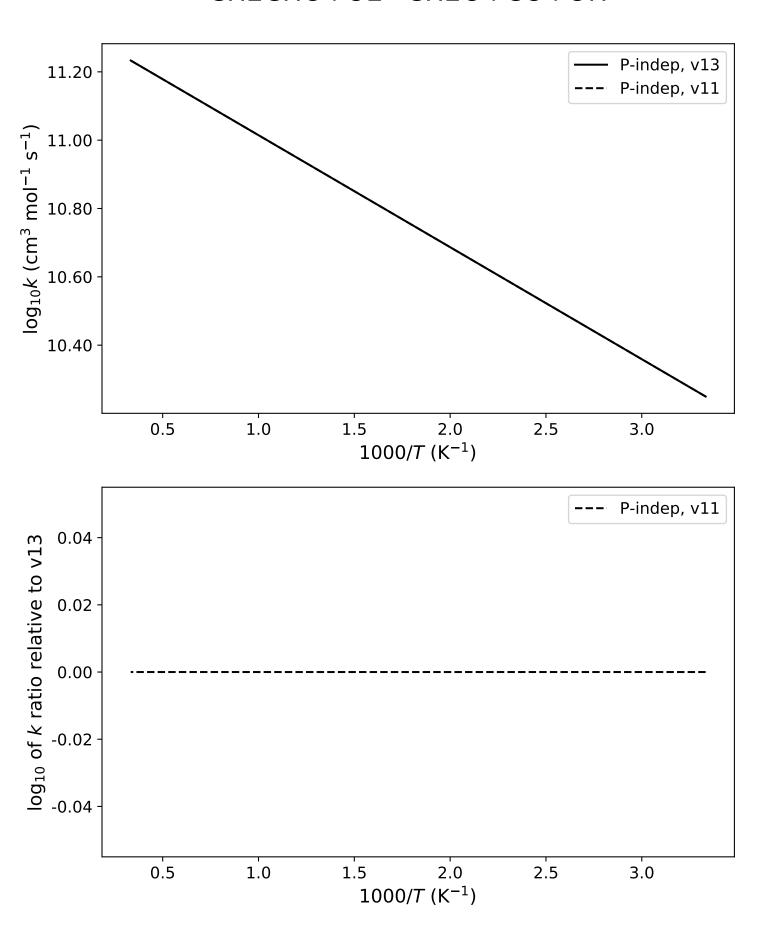
### CH3CCH+CH2=CH3CCCH2+H



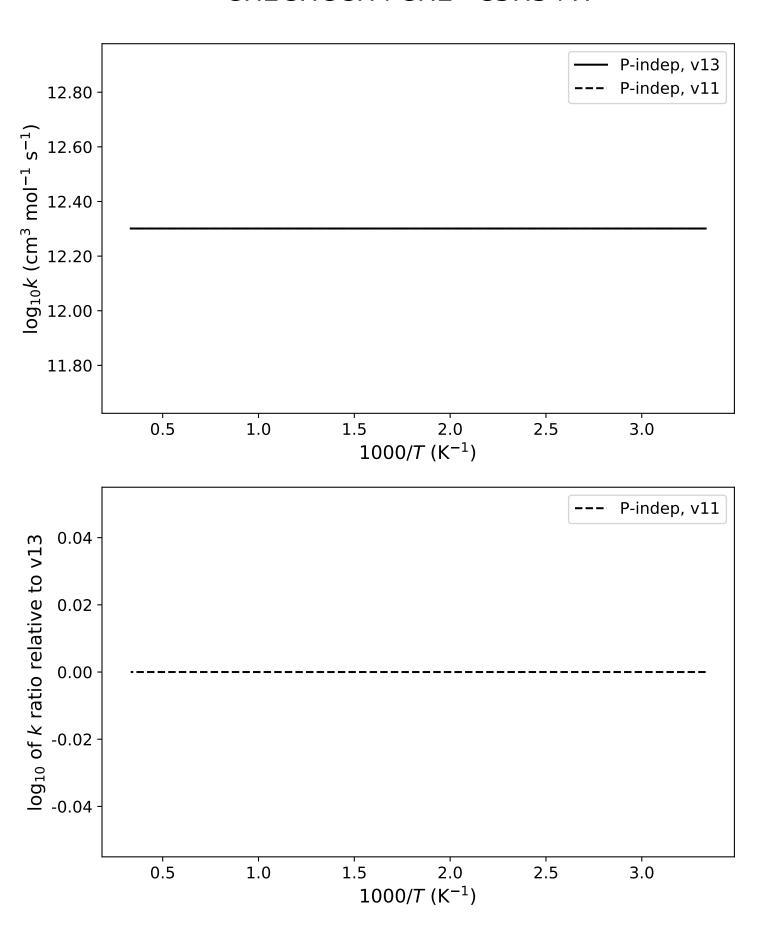
### C2H4+O=C2H3+OH



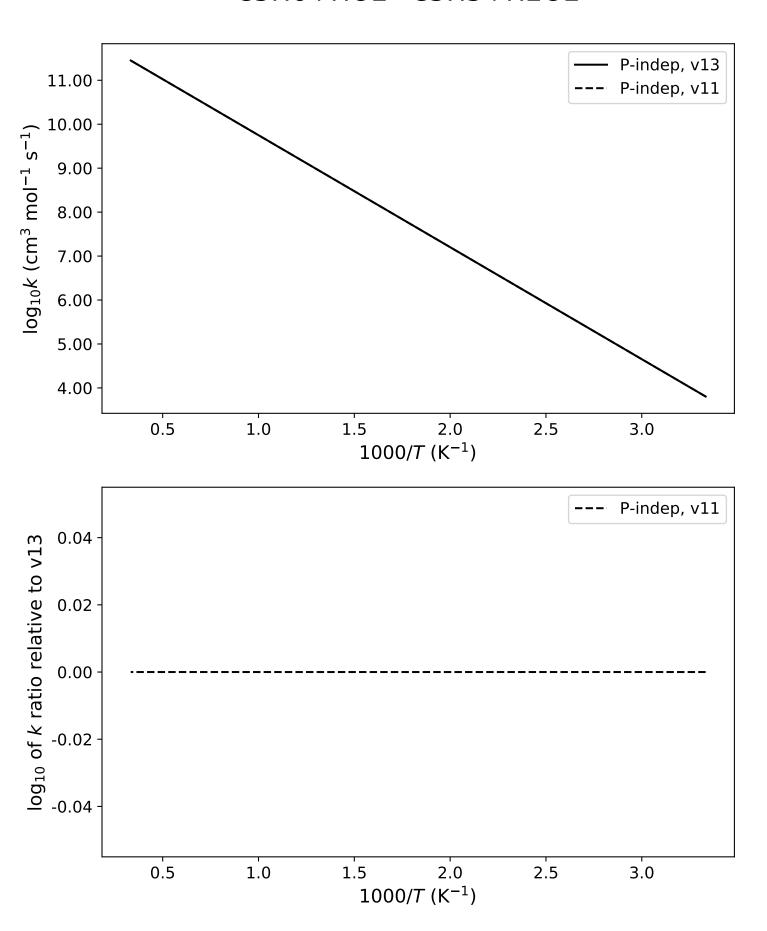
### CH2CHO+O2=CH2O+CO+OH



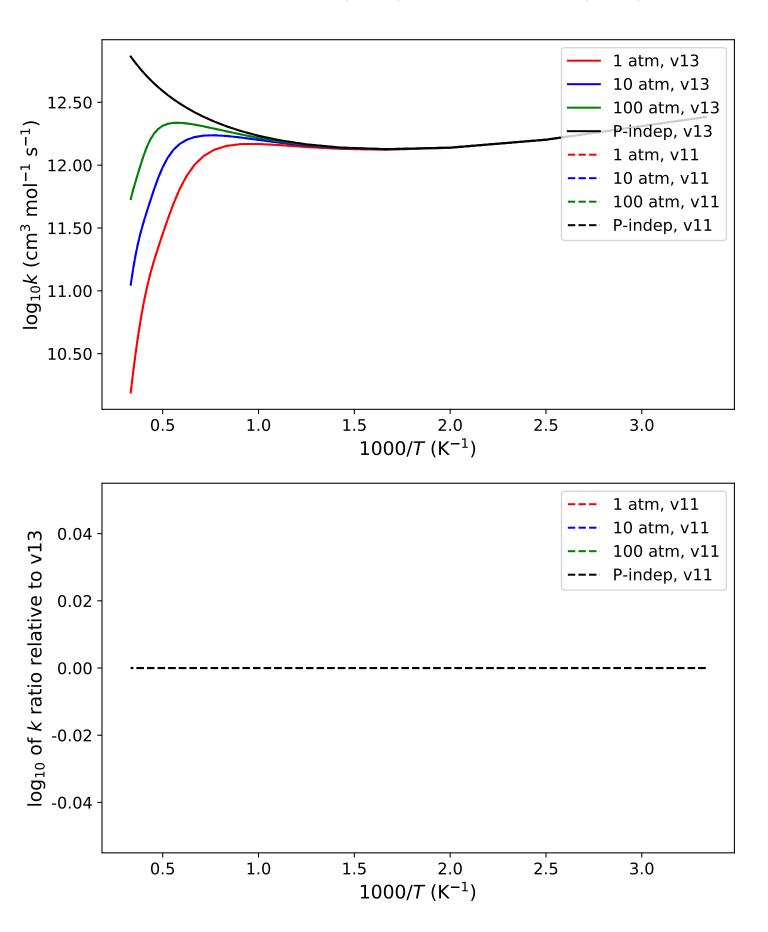
### CH2CHCCH+CH2=C5H5+H



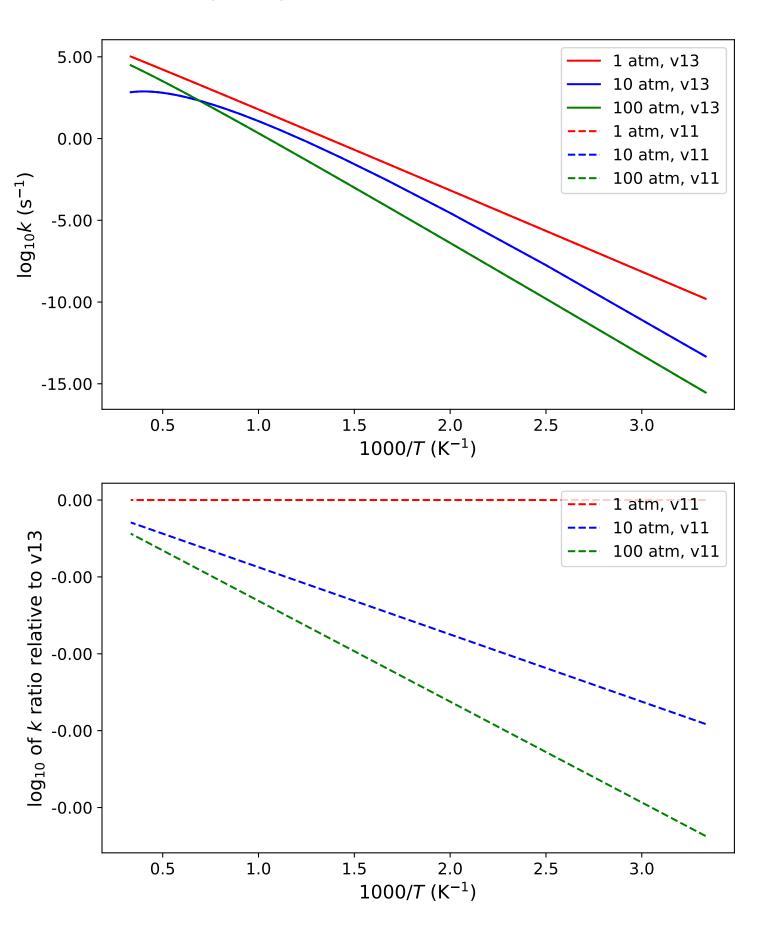
### C5H6+HO2=C5H5+H2O2



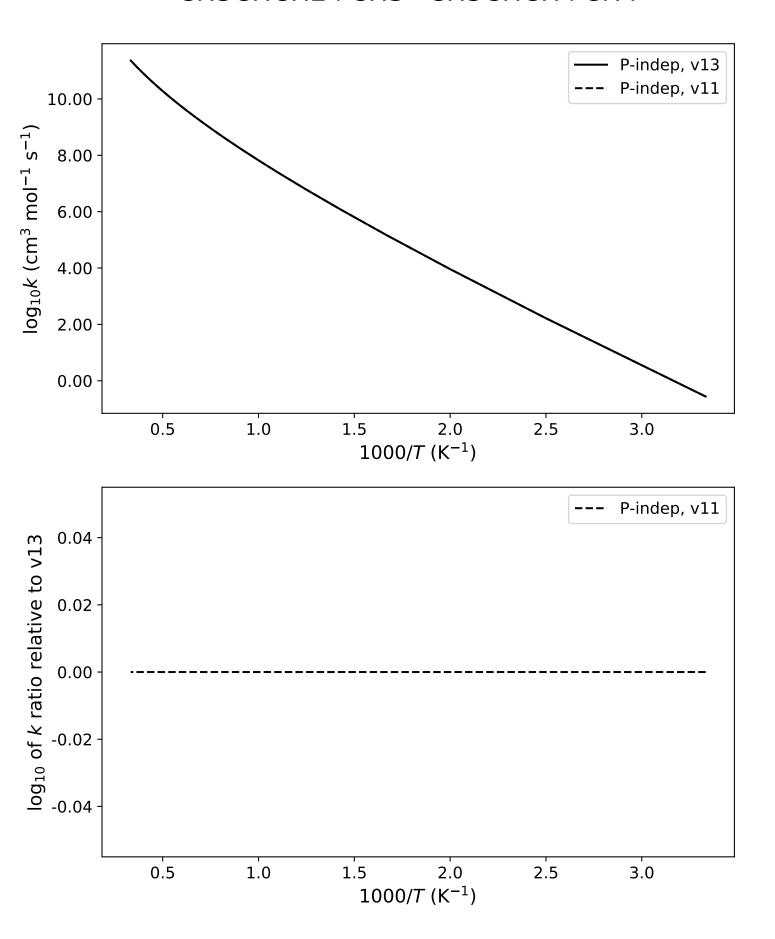
### CH2C+C2H2(+M)=CH2CHCCH(+M)



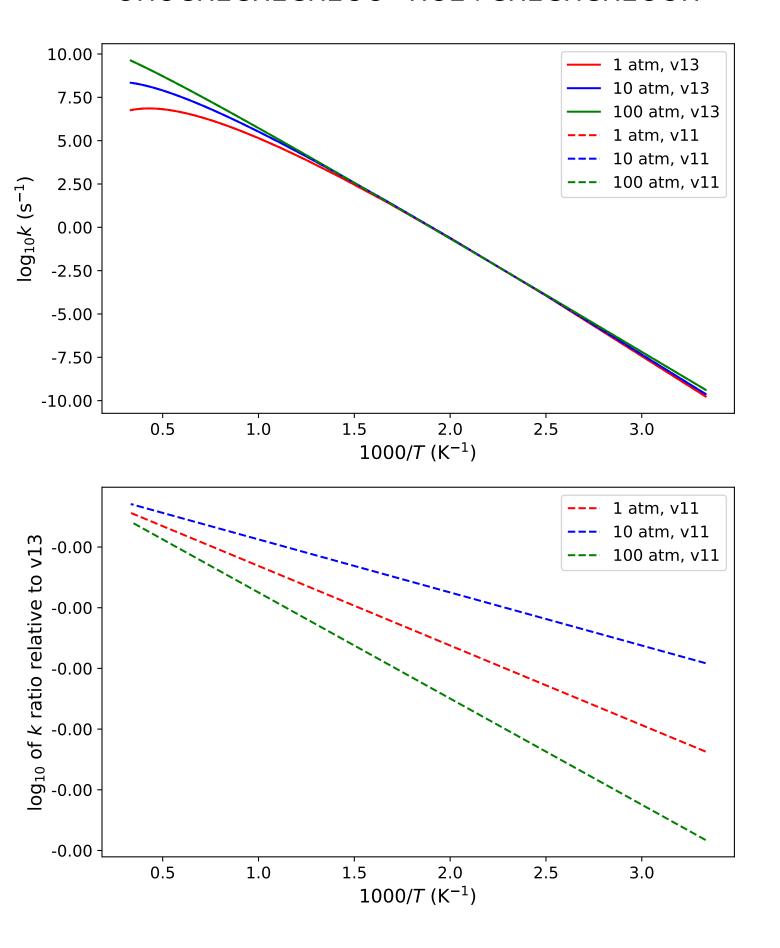
### CH2CH(OOH)CH2OOH=HO2+CH3CHCHOOH



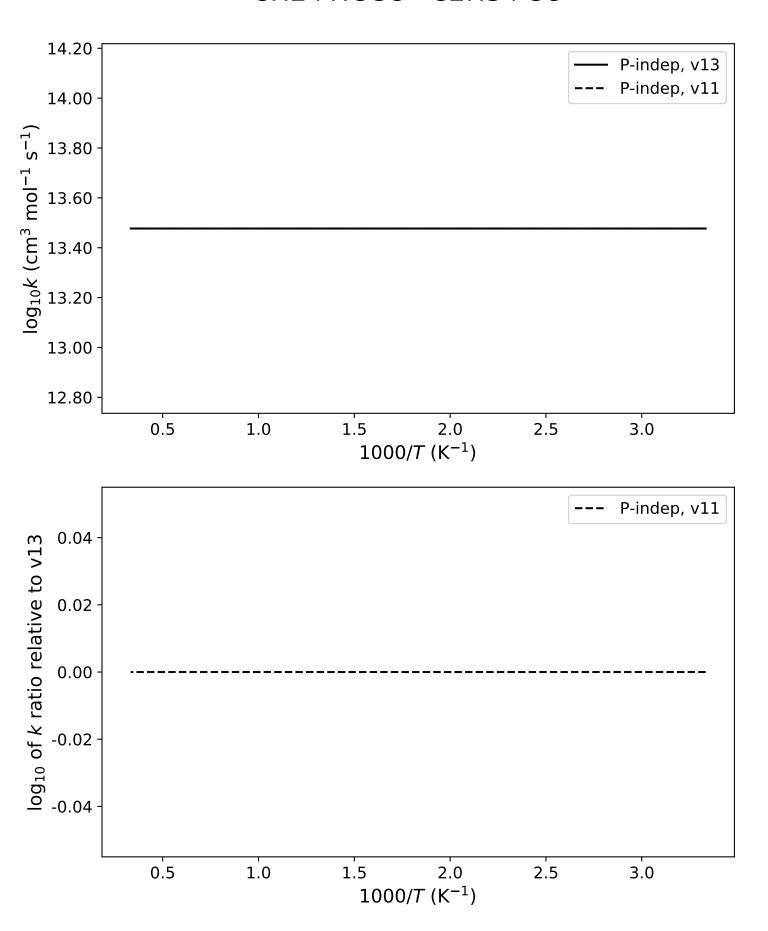
### CH3CHCH2+CH3=CH3CHCH+CH4



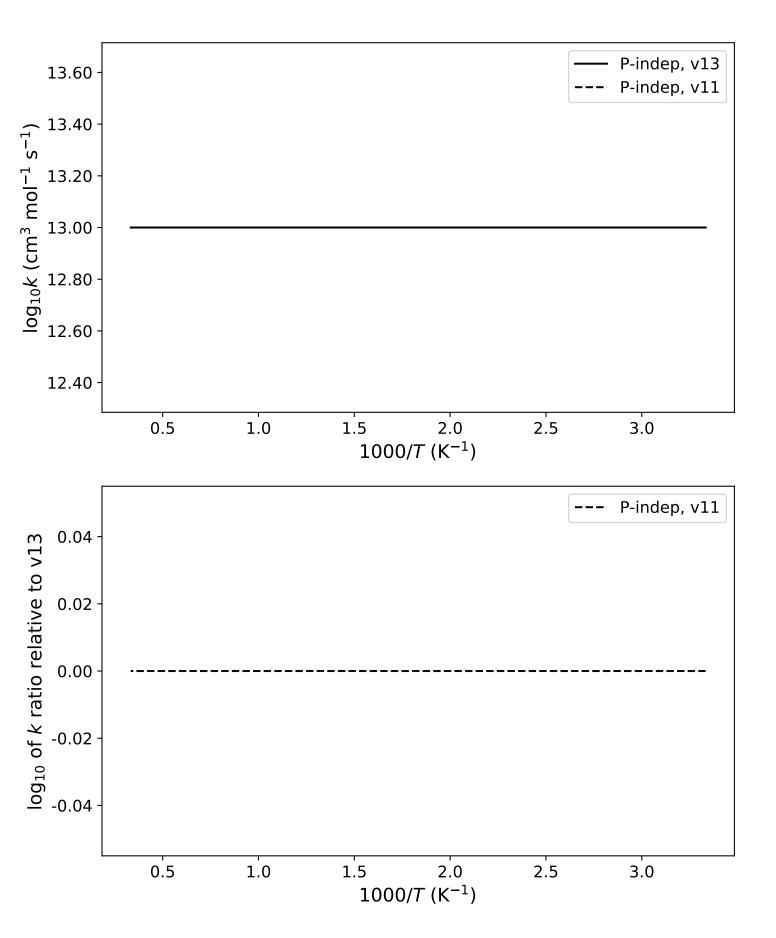
#### OHOCH2CH2CH2OO=HO2+CH2CHCH2OOH



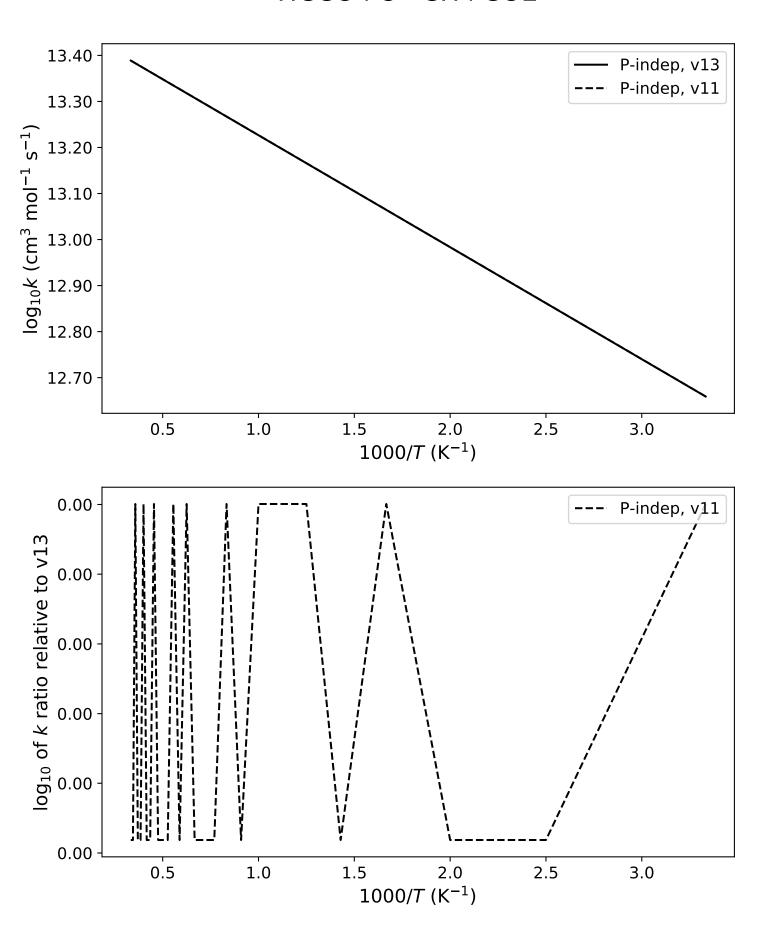
# CH2+HCCO=C2H3+CO



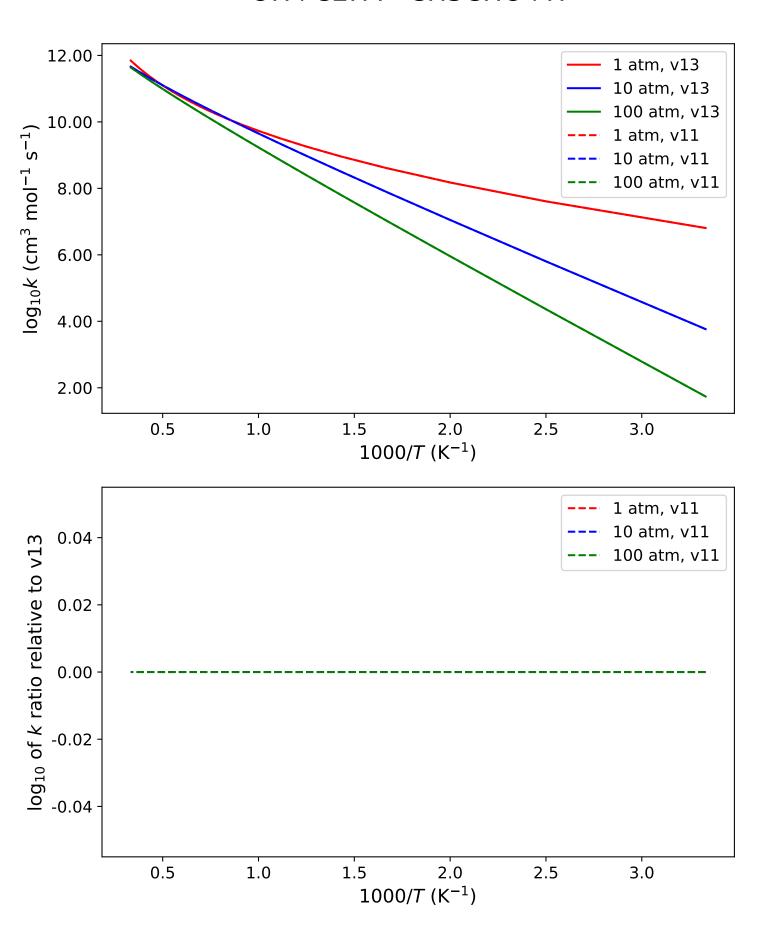
### CH2CCH+C2H=H2CCCCCH+H



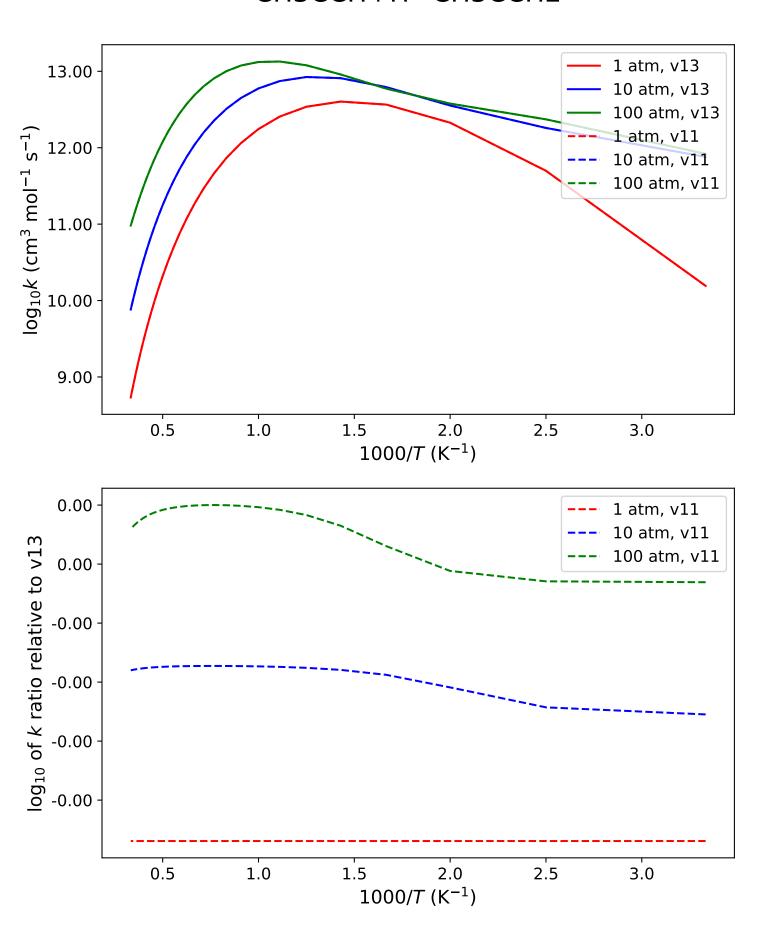
### HCCO+O=CH+CO2



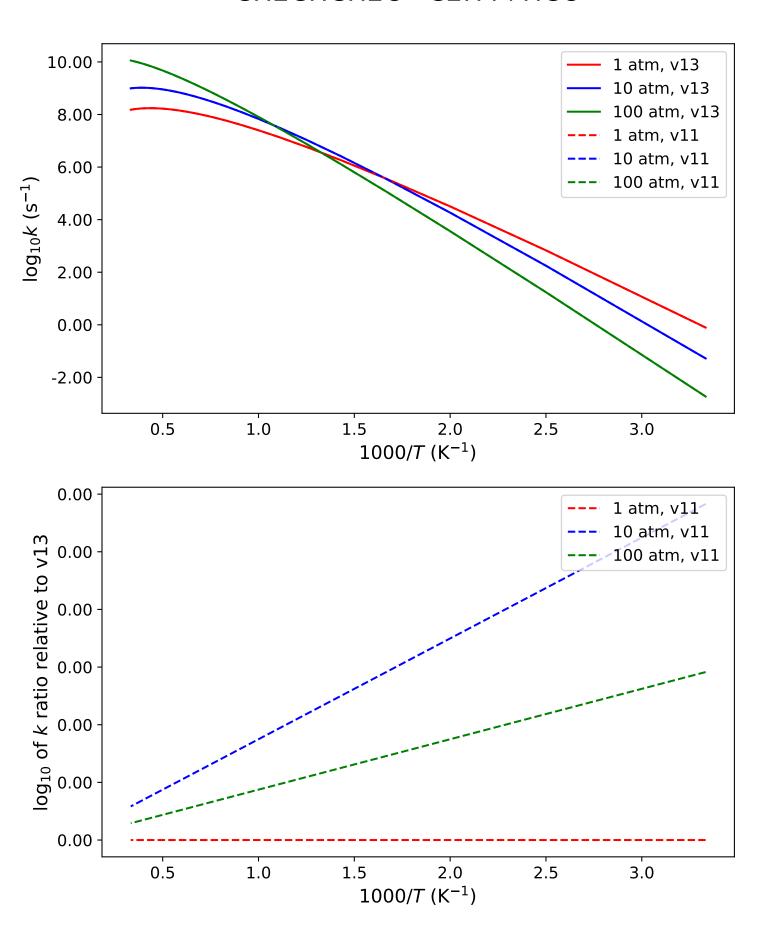
### OH+C2H4=CH3CHO+H



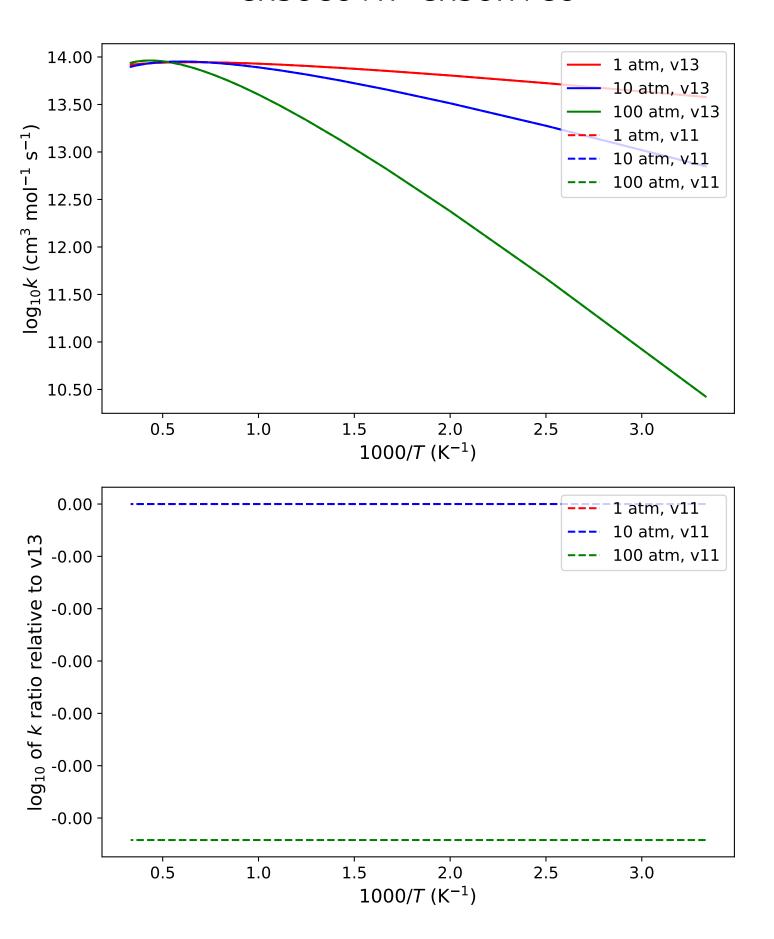
### CH3CCH+H=CH3CCH2



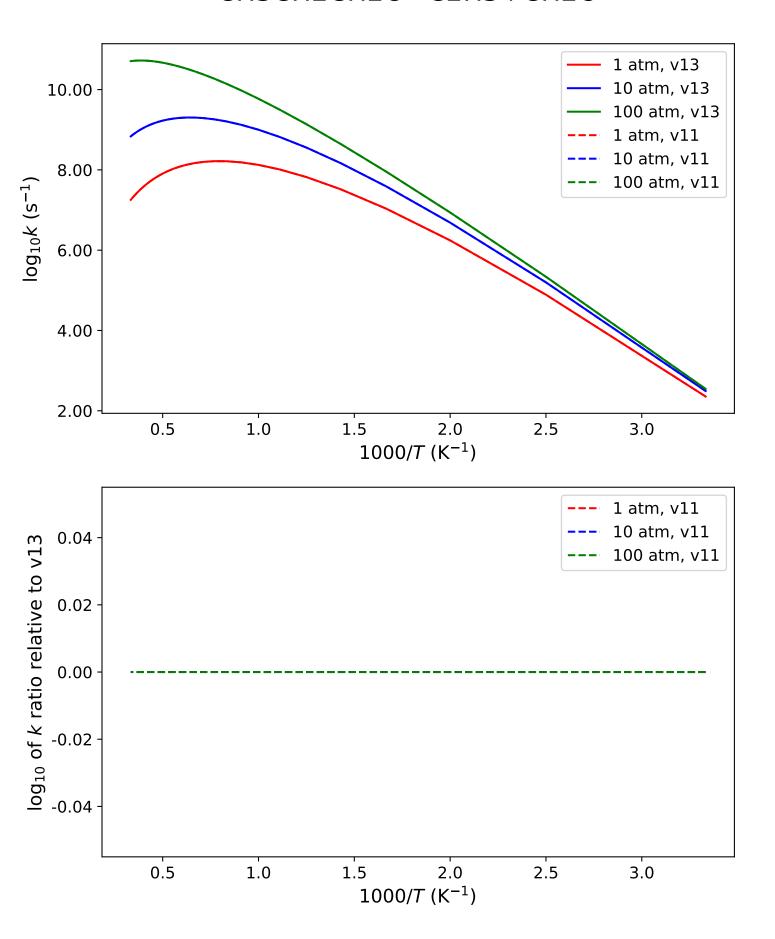
### CH2CHCH2O=C2H4+HCO



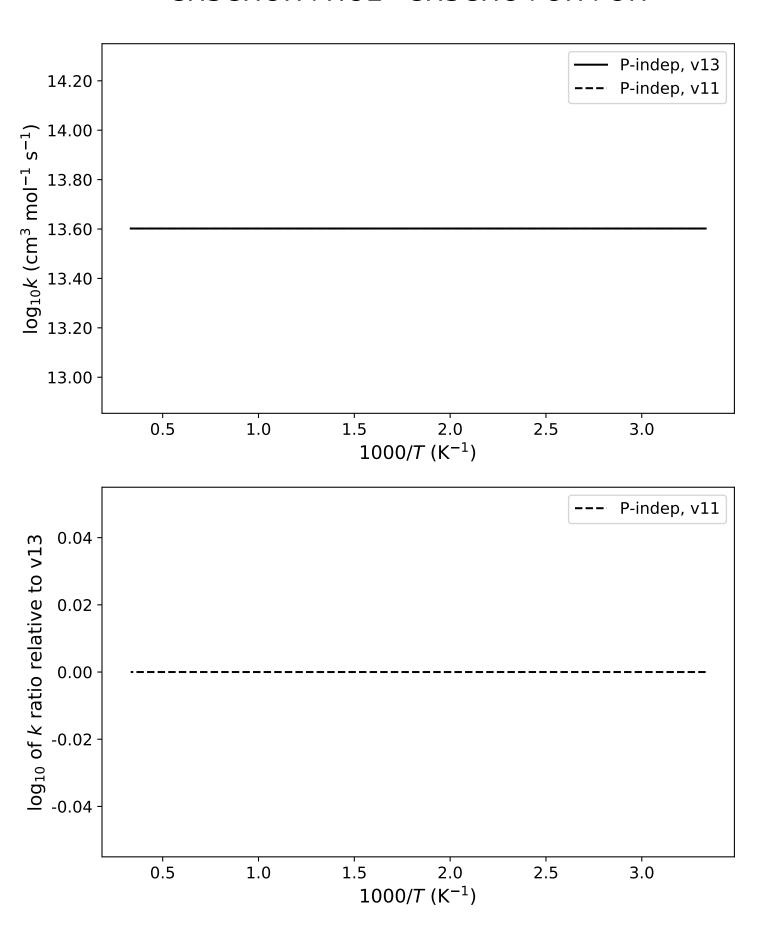
### CH3OCO+H=CH3OH+CO



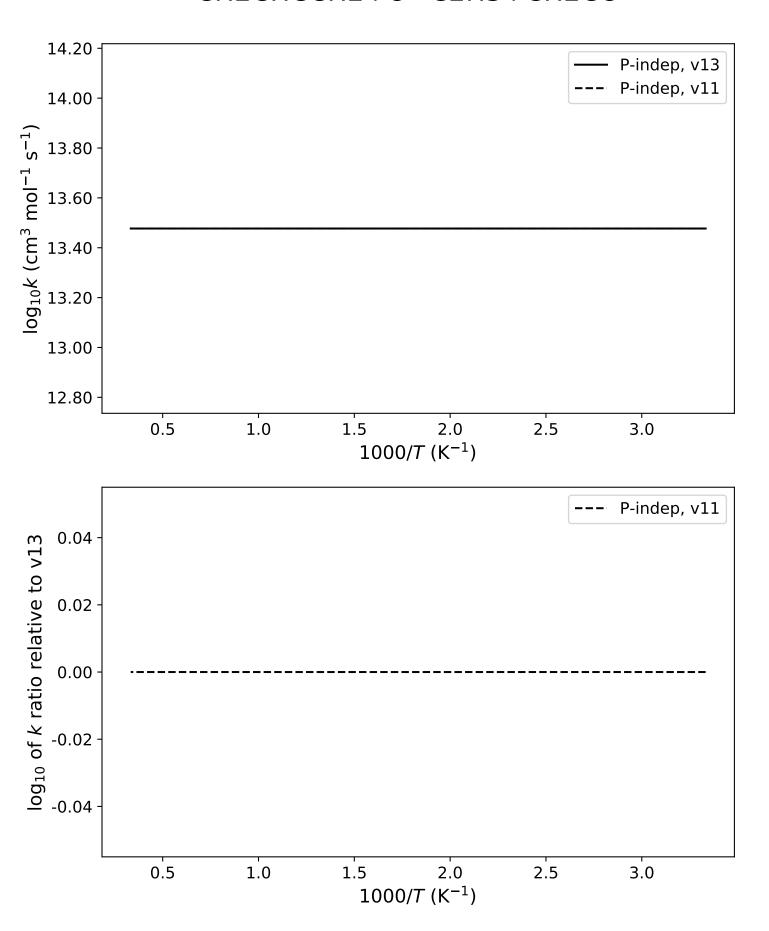
### CH3CH2CH2O=C2H5+CH2O



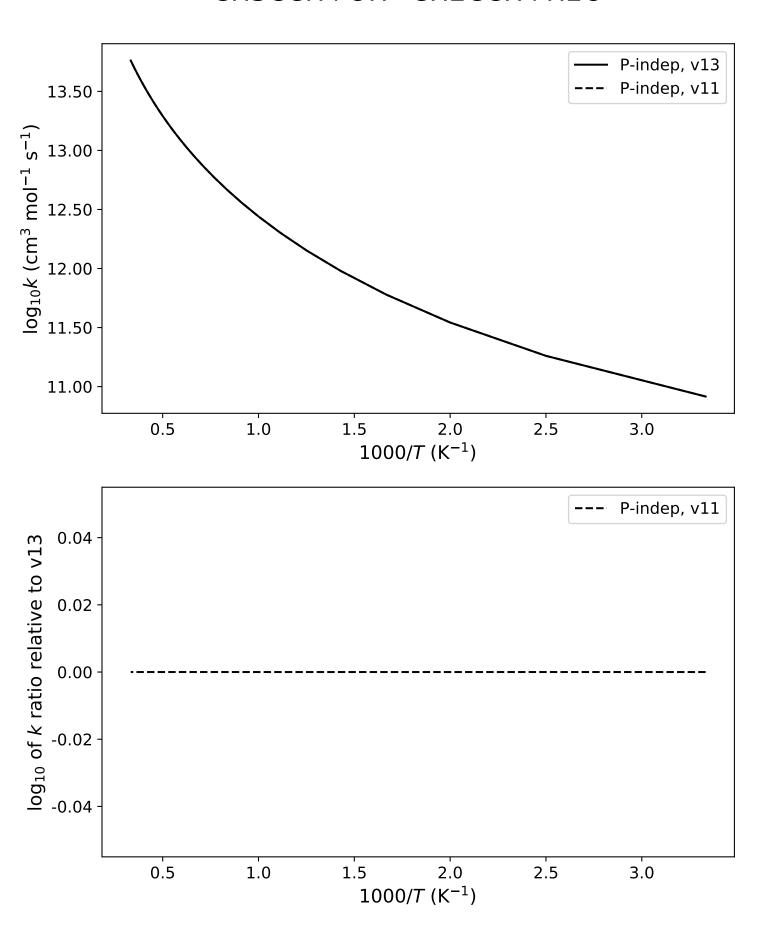
### CH3CHOH+HO2=CH3CHO+OH+OH



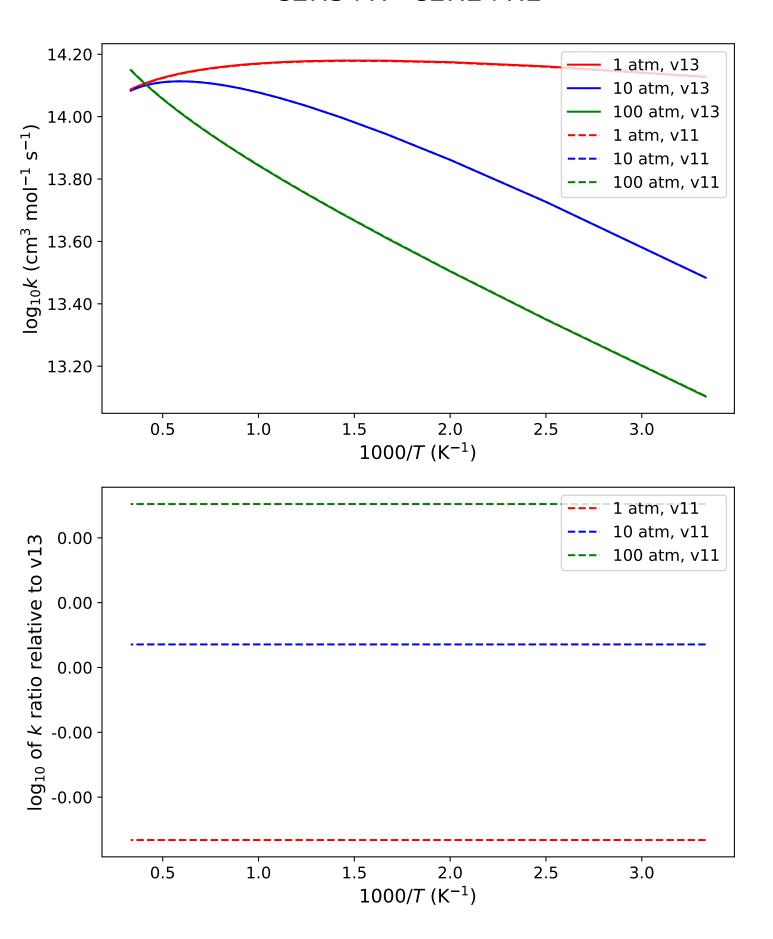
### CH2CHCCH2+O=C2H3+CH2CO



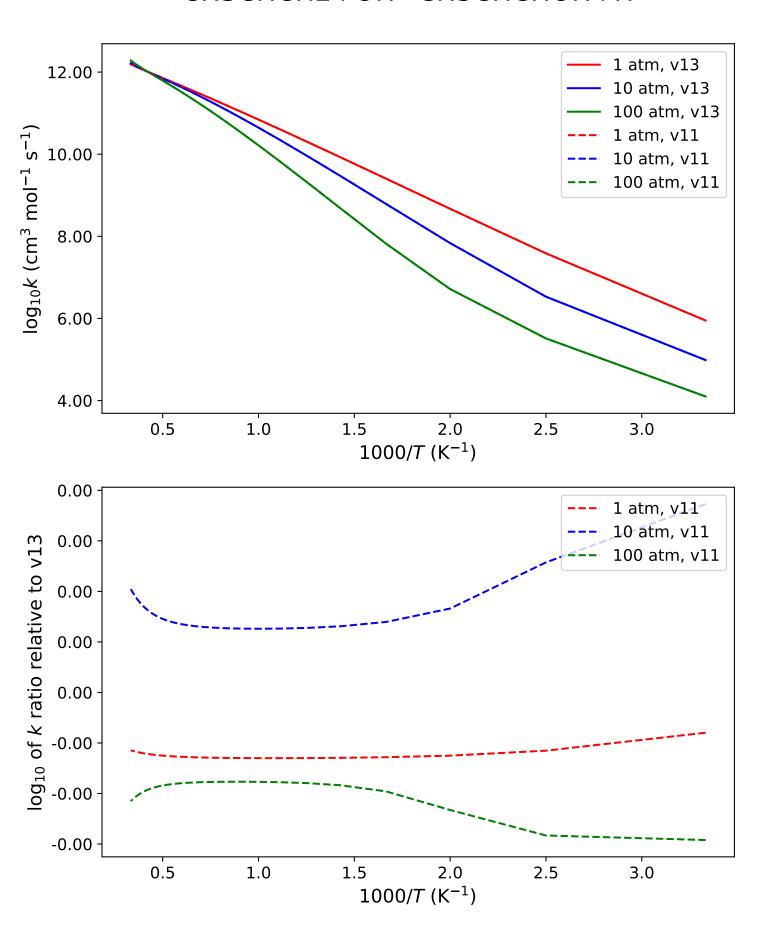
### CH3CCH+OH=CH2CCH+H2O



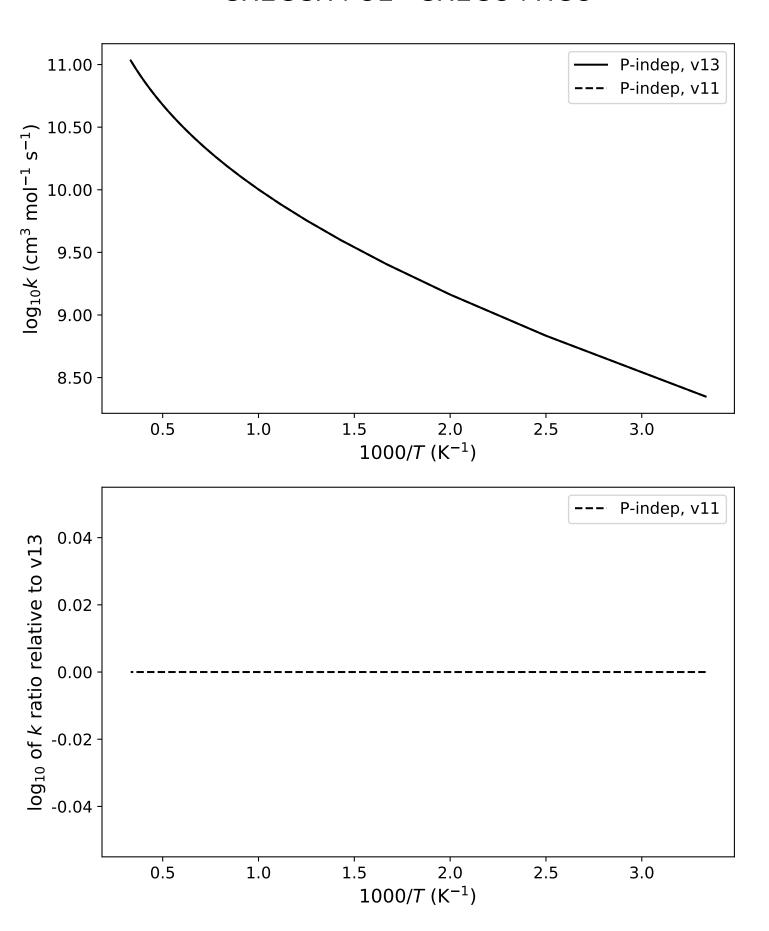
#### C2H3+H=C2H2+H2



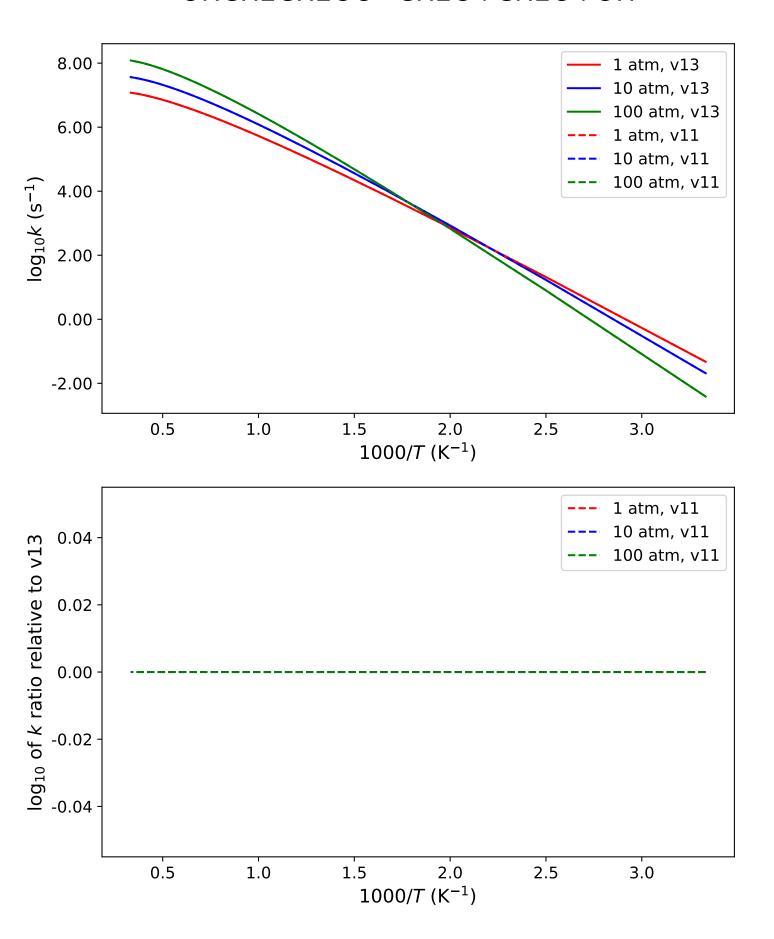
### CH3CHCH2+OH=CH3CHCHOH+H



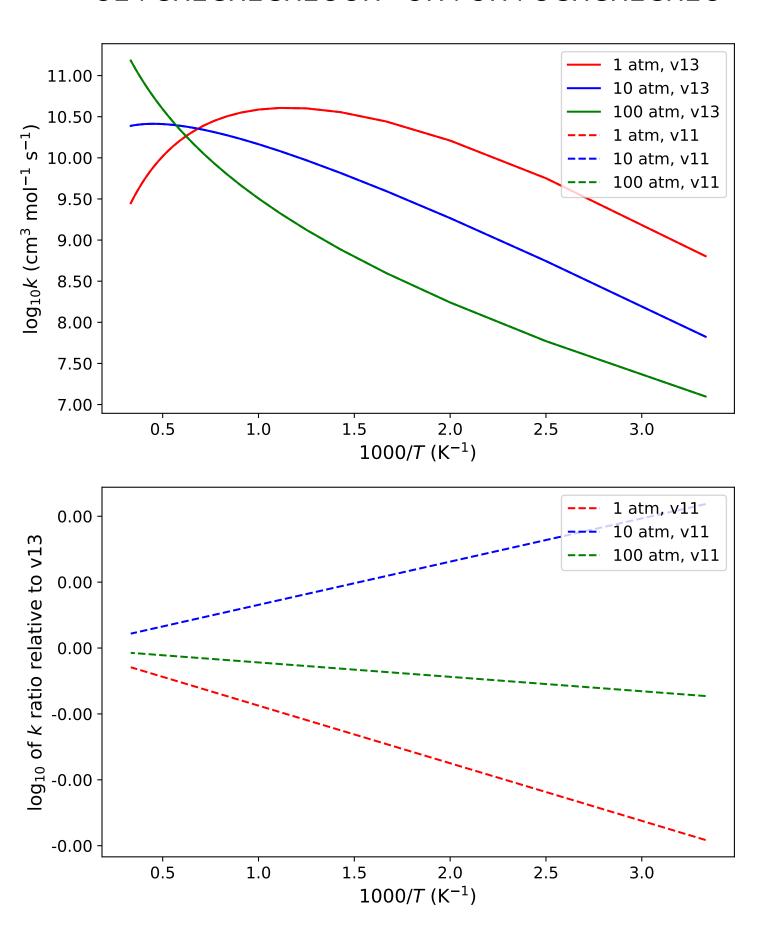
### CH2CCH+O2=CH2CO+HCO



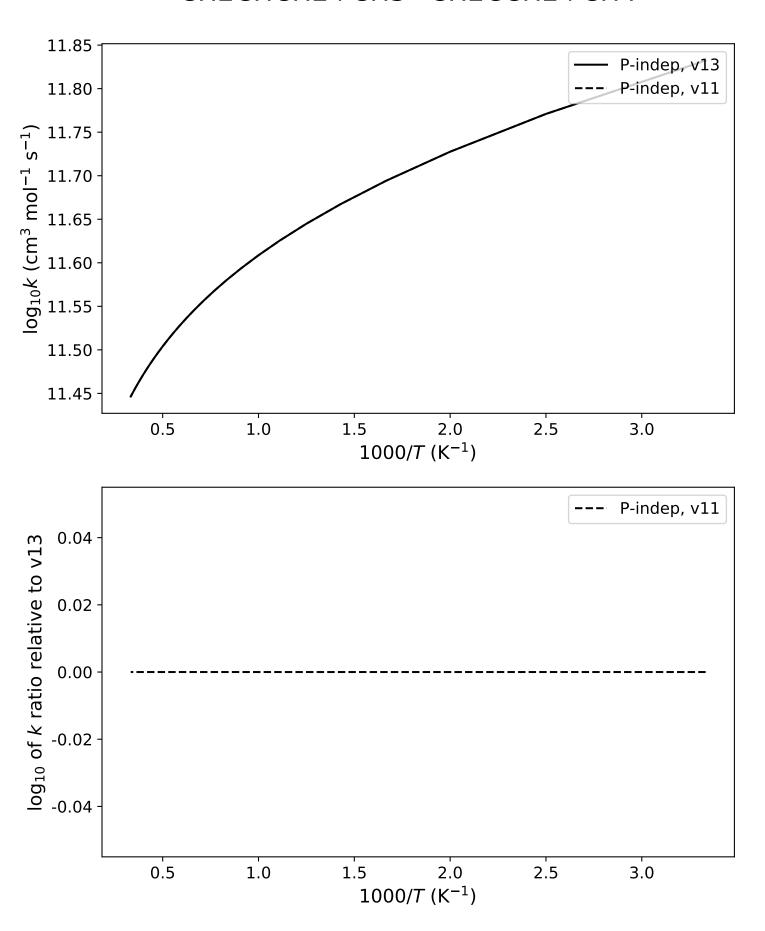
### OHCH2CH2OO=CH2O+CH2O+OH



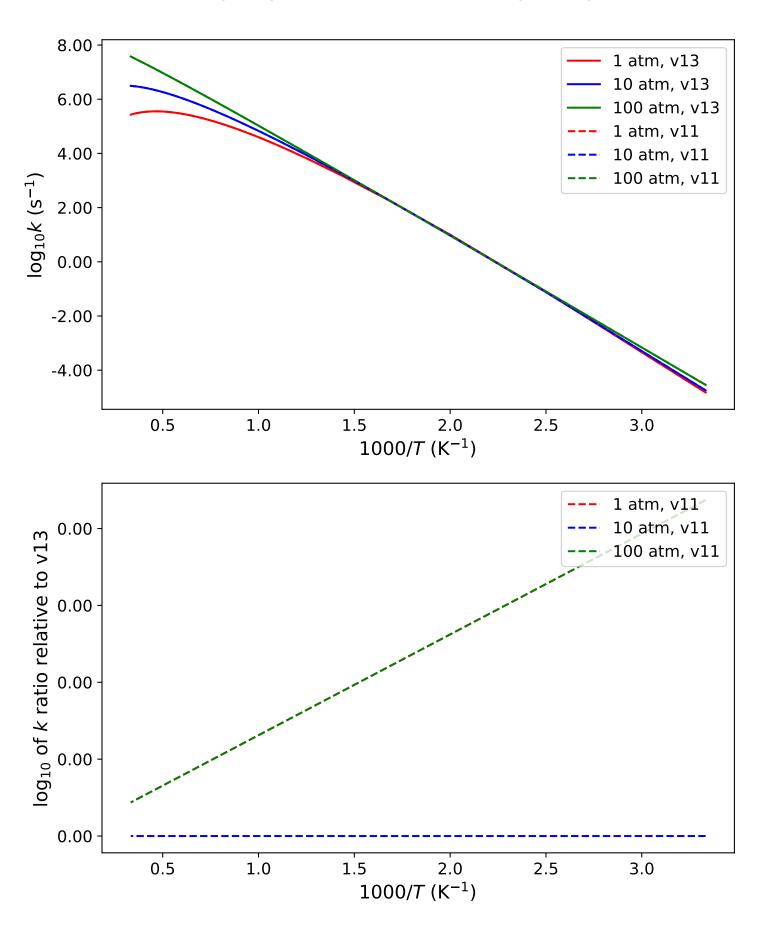
#### O2+CH2CH2COH=OH+OH+OCHCH2CH2O



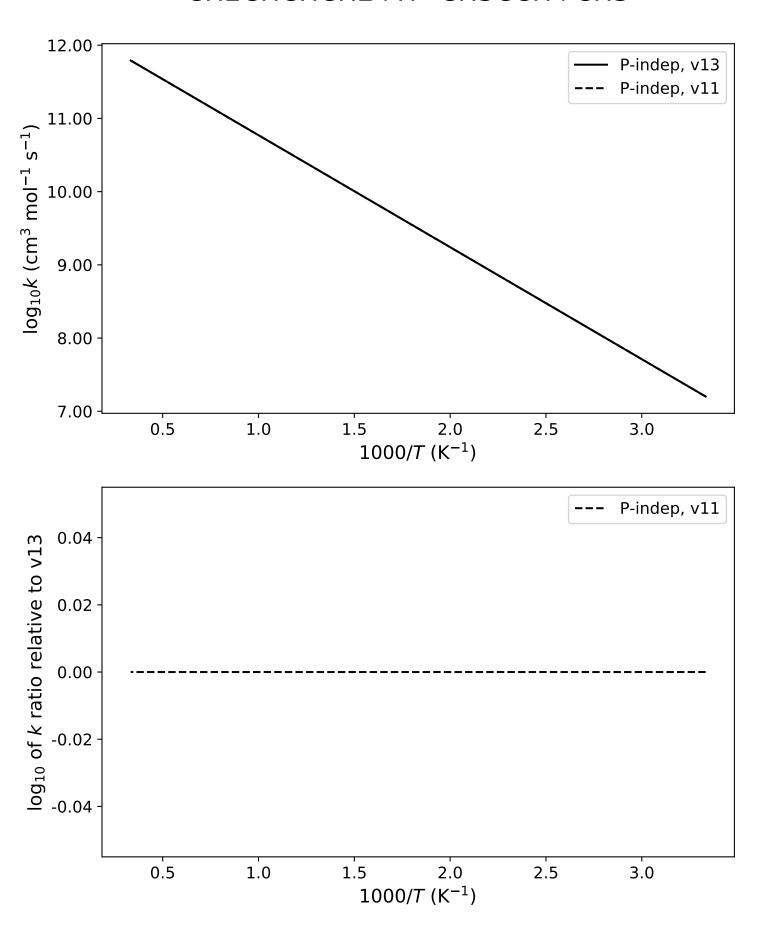
### CH2CHCH2+CH3=CH2CCH2+CH4



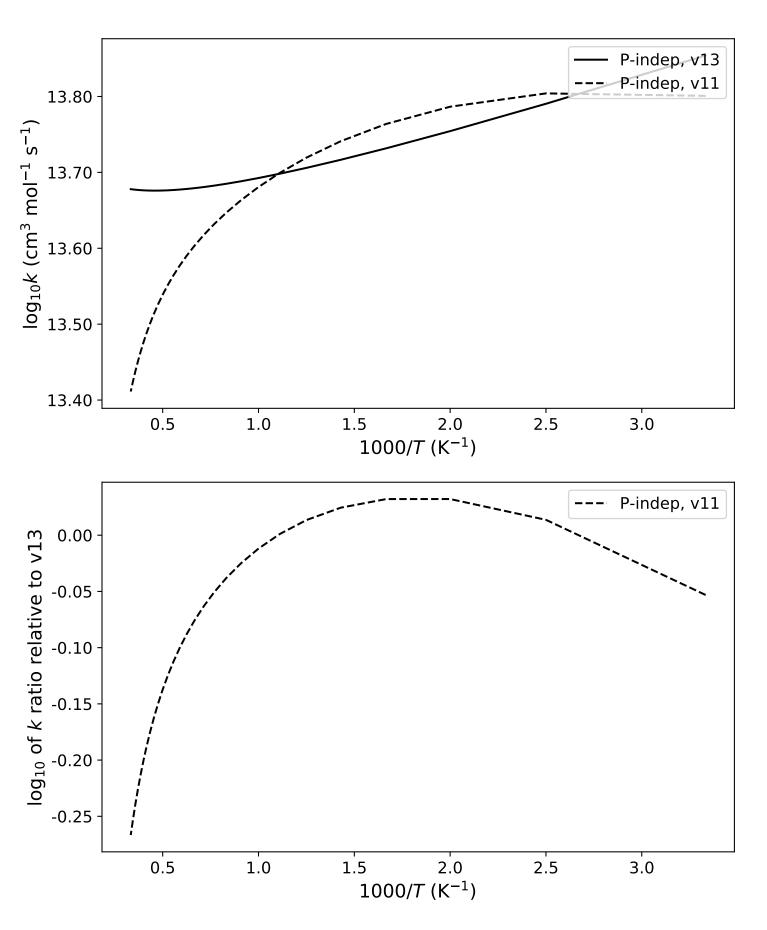
# CH3CH(OO)CH2OOH=CH3CH(OOH)CH2OO



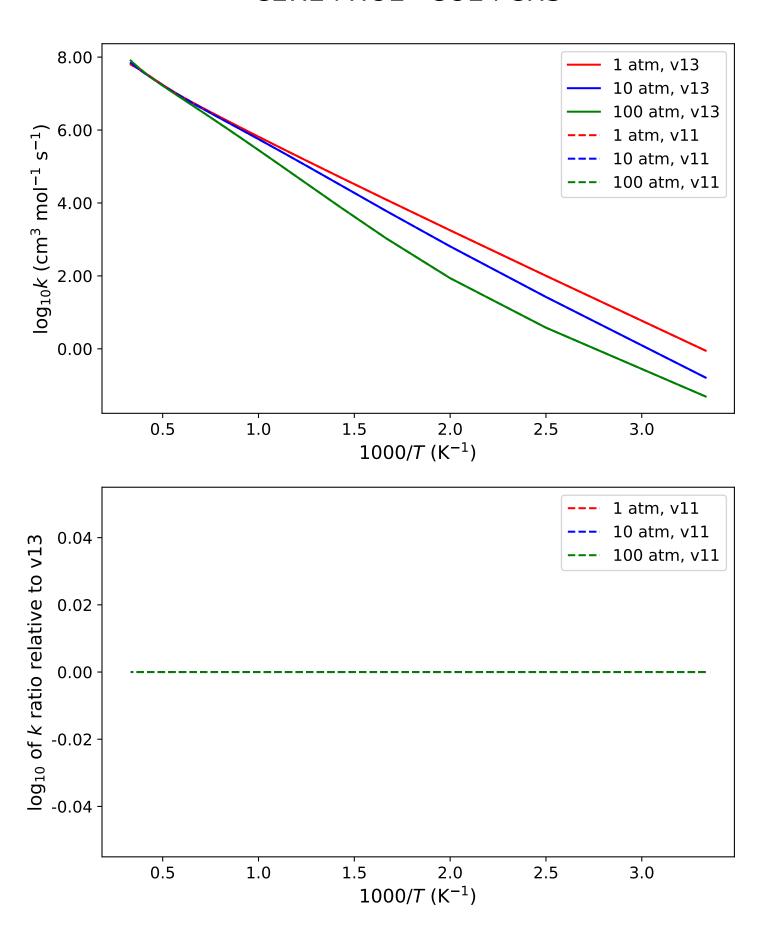
### CH2CHCH2+H=CH3CCH+CH3



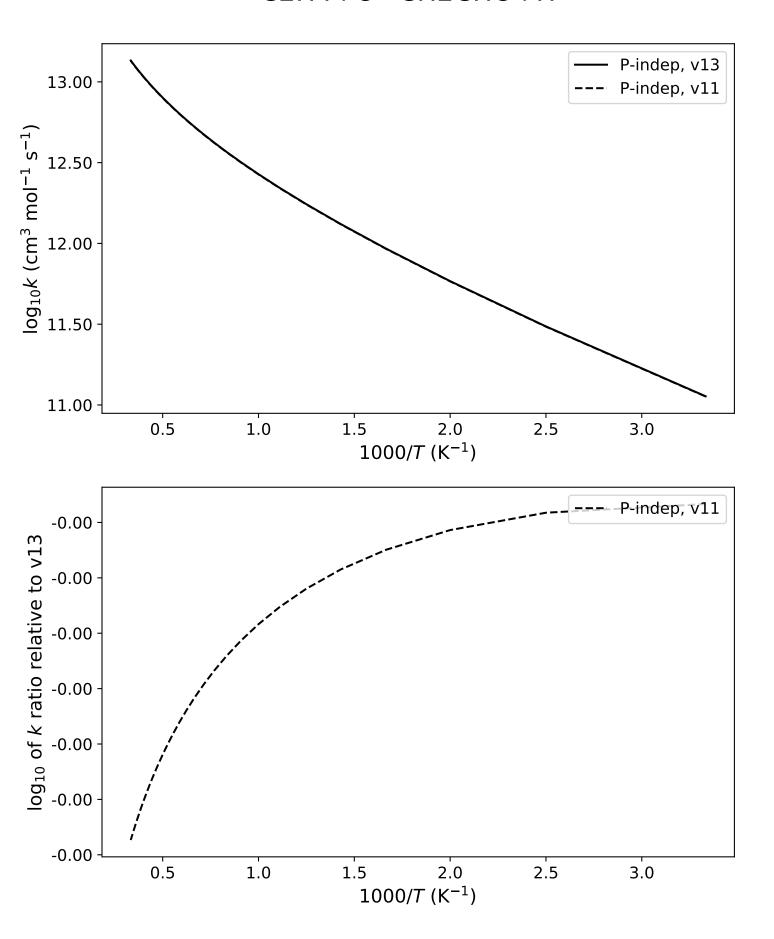
# CH2(S)+H2=CH3+H



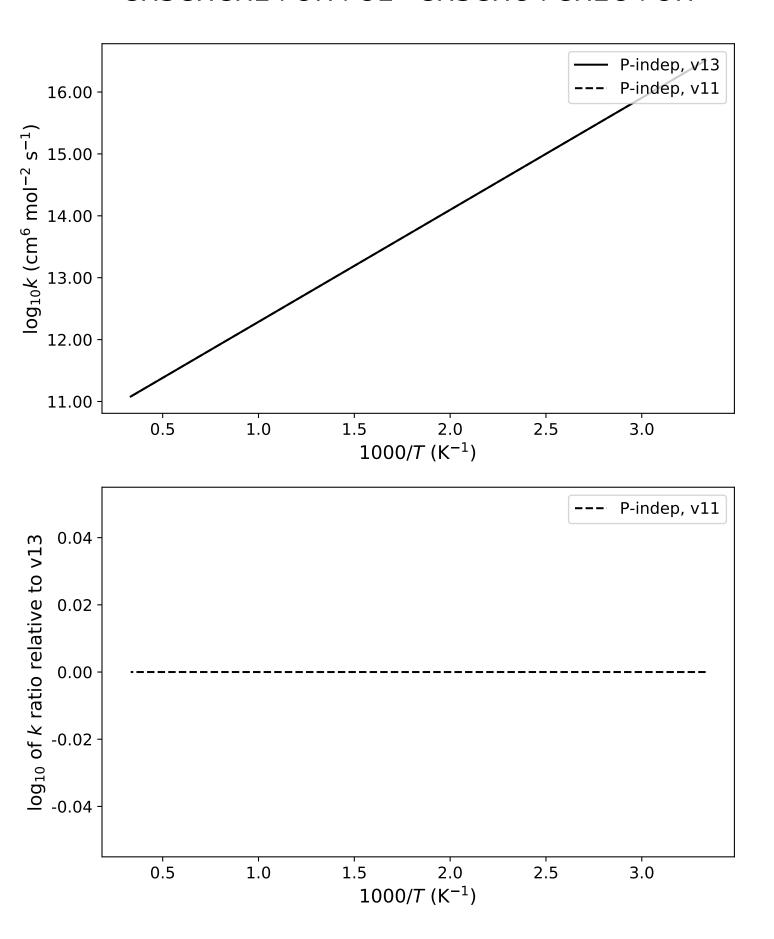
### C2H2+HO2=CO2+CH3



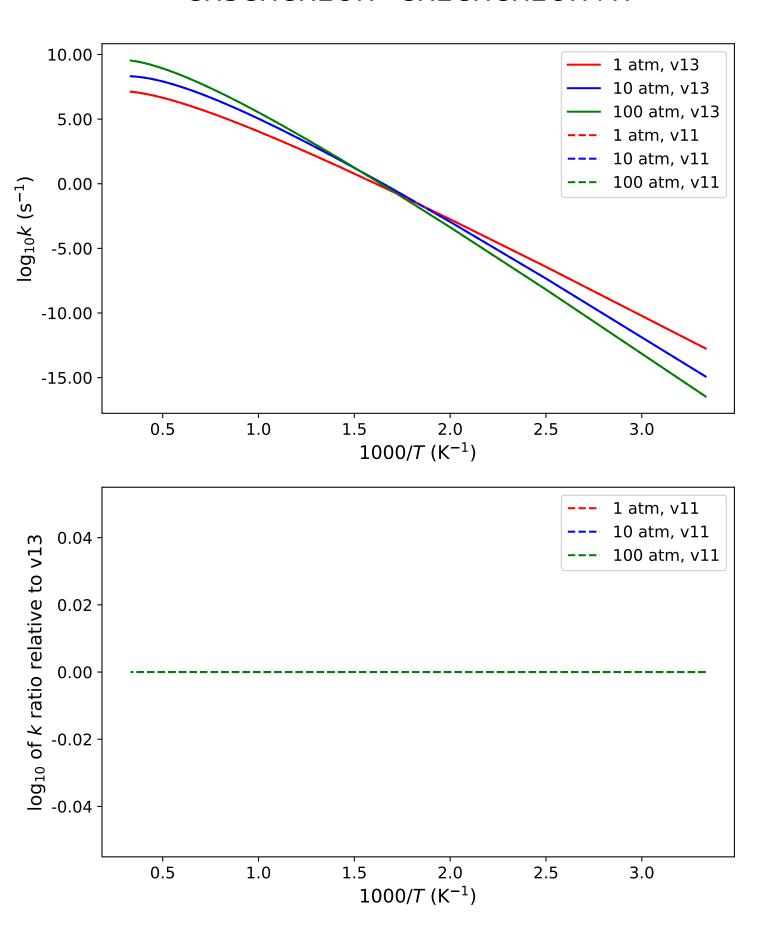
# C2H4+O=CH2CHO+H



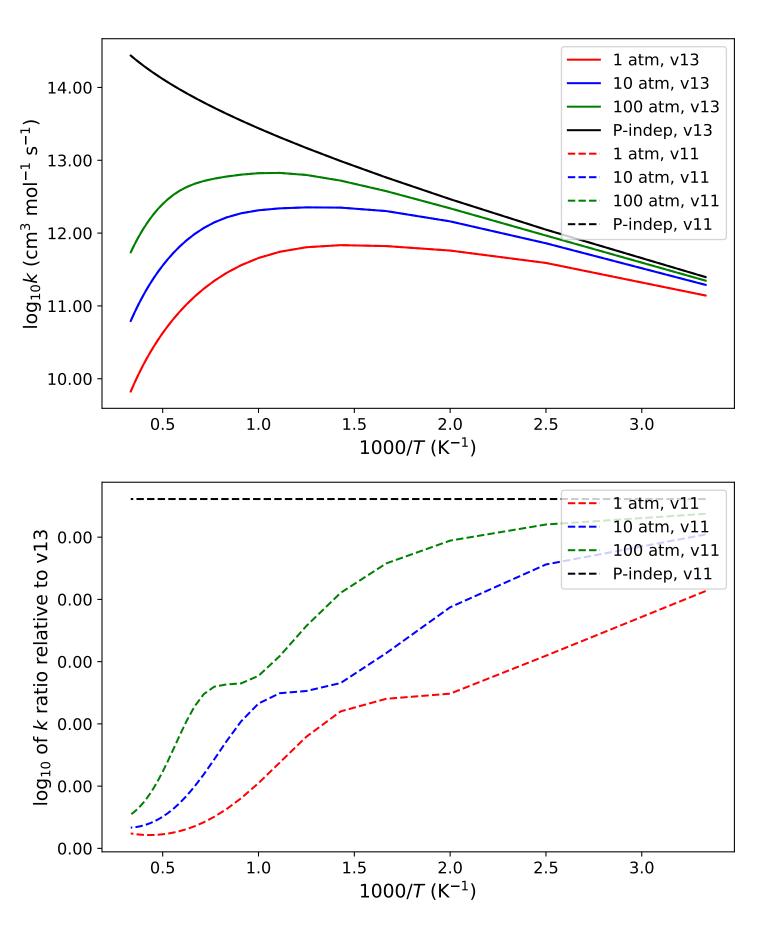
### CH3CHCH2+OH+O2=CH3CHO+CH2O+OH



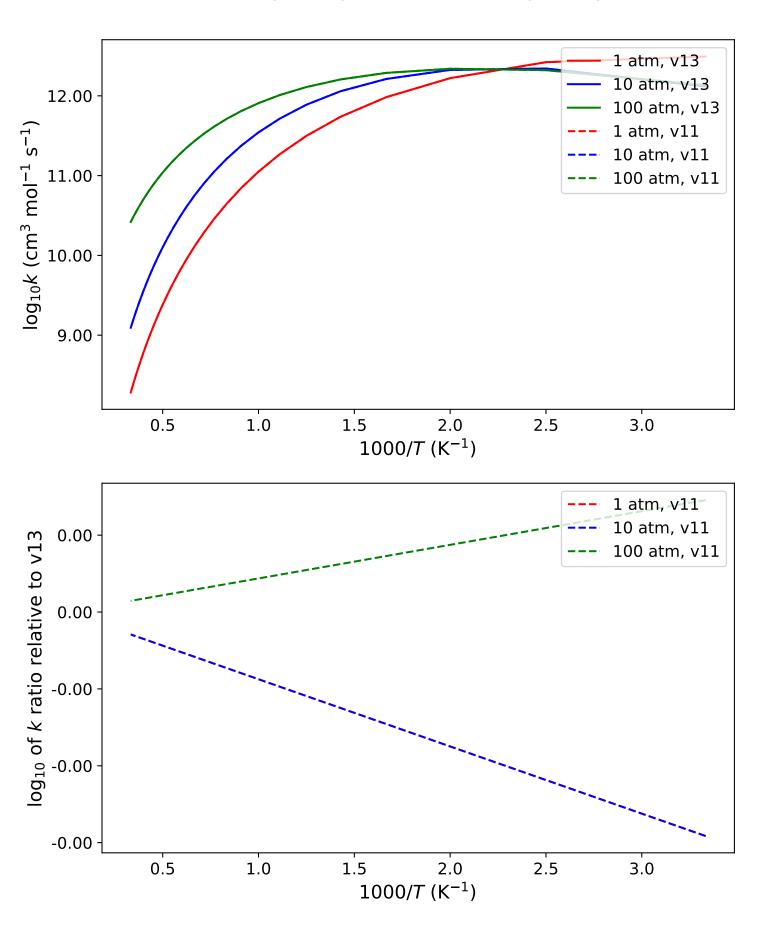
### CH3CHCH2OH=CH2CHCH2OH+H



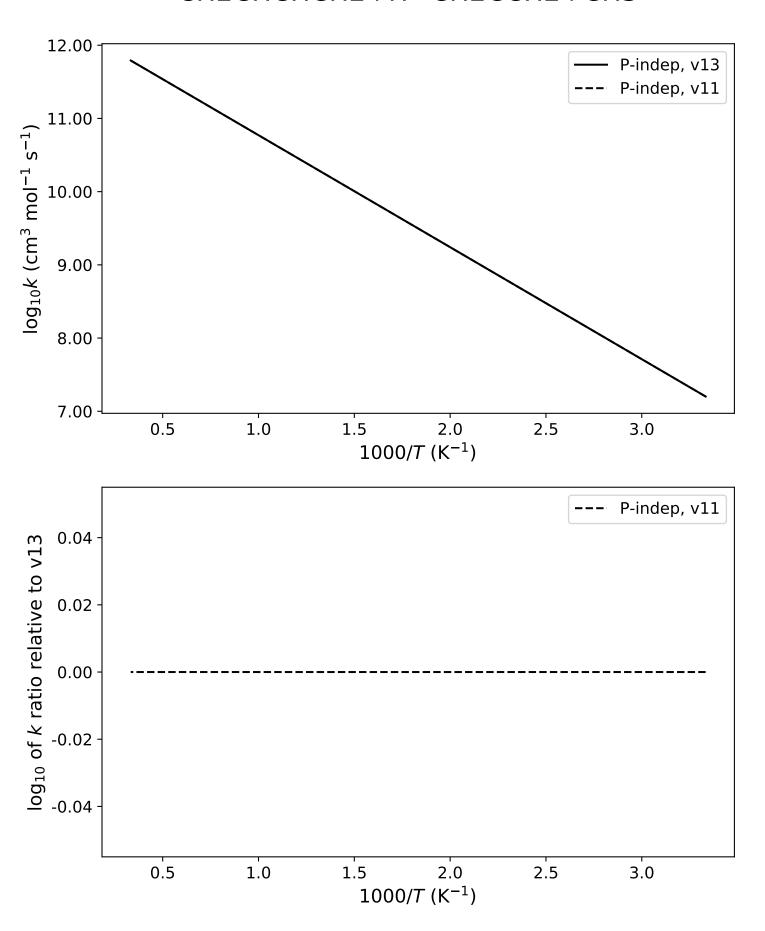
### H+C2H2(+M)=C2H3(+M)



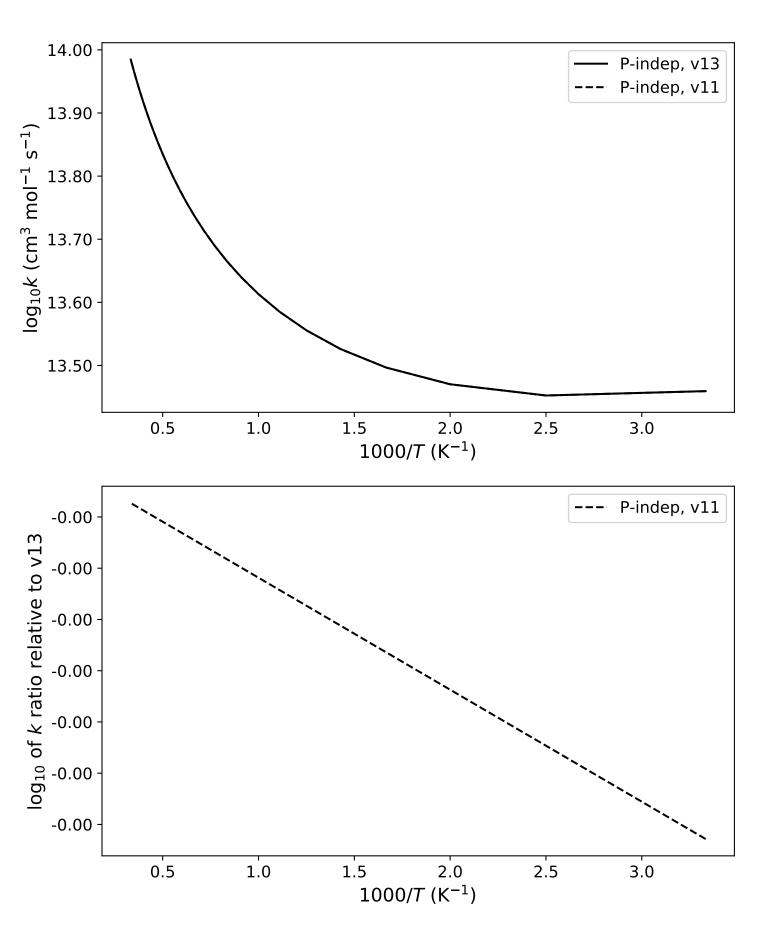
# O2+CH3CH(OOH)CH2=CH3CH(OOH)CH2OO



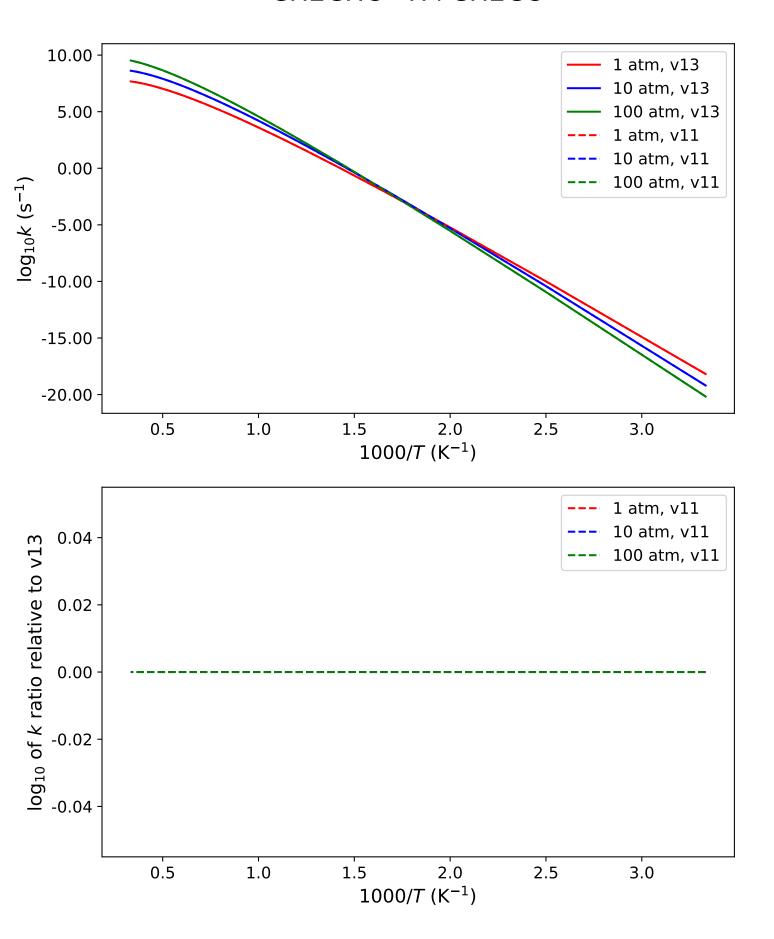
### CH2CHCH2+H=CH2CCH2+CH3



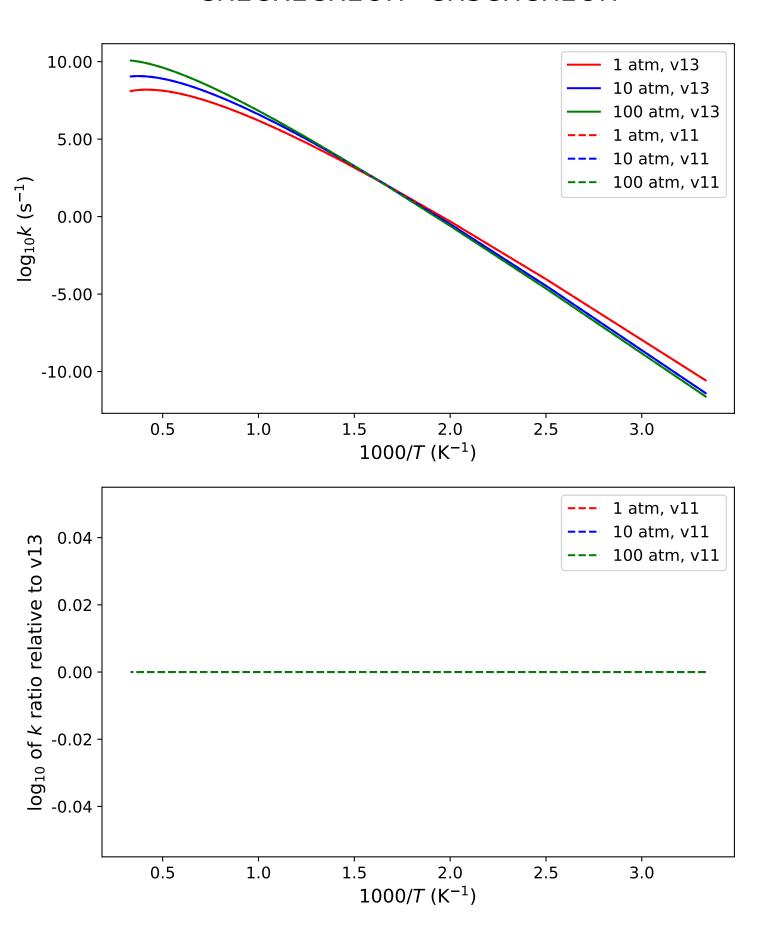
### HO2+O=O2+OH



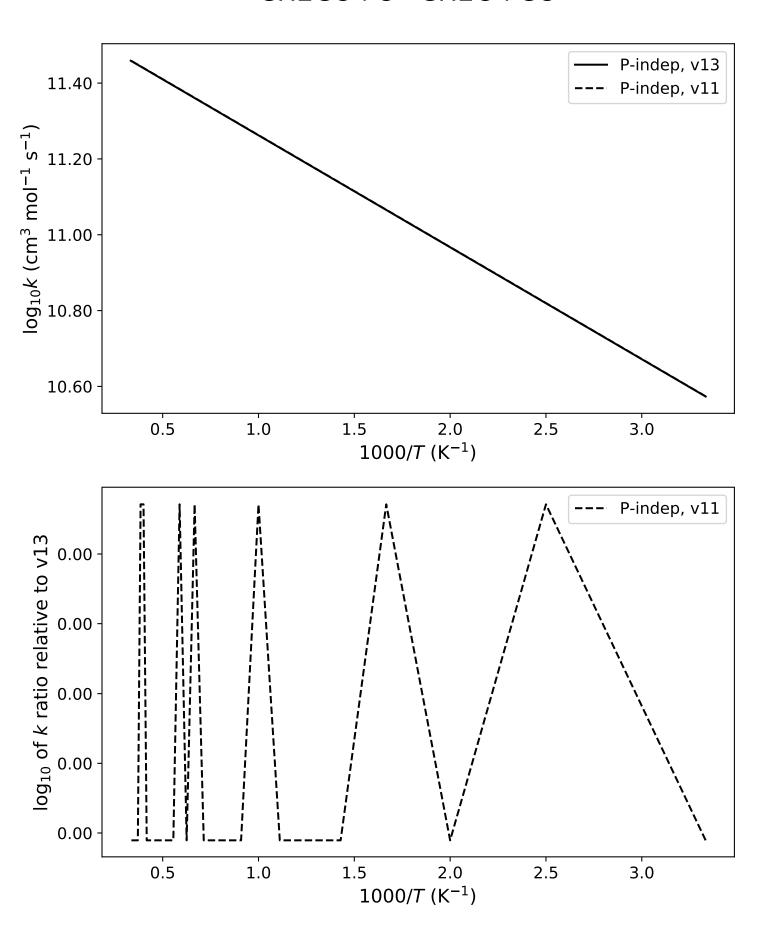
### CH2CHO=H+CH2CO



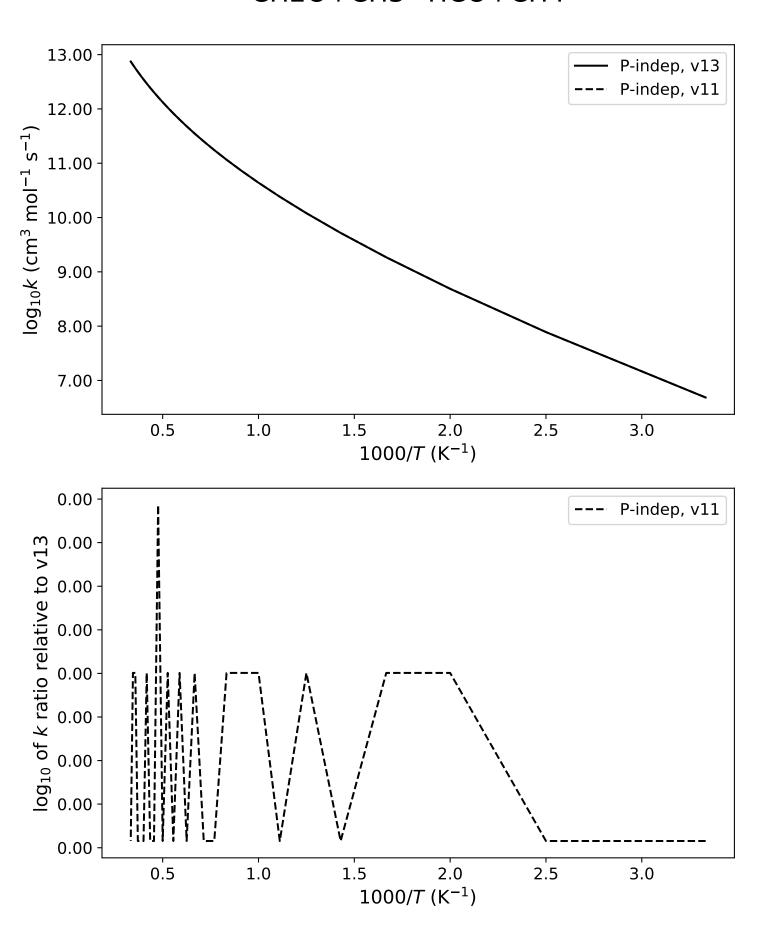
### CH2CH2CH2OH=CH3CHCH2OH



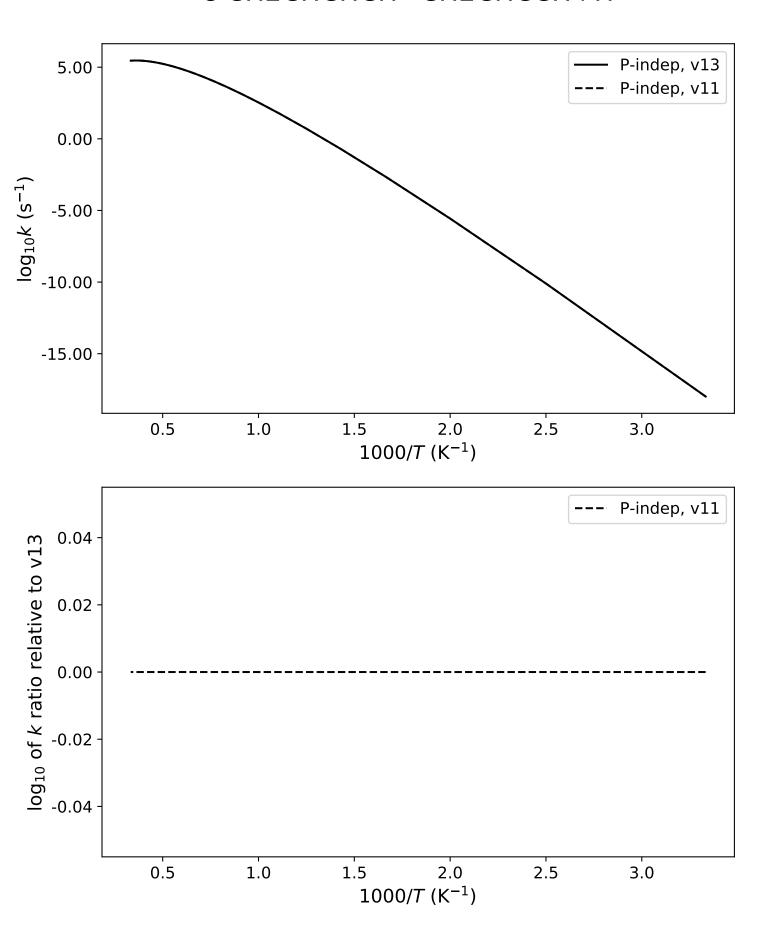
# CH2CO+O=CH2O+CO



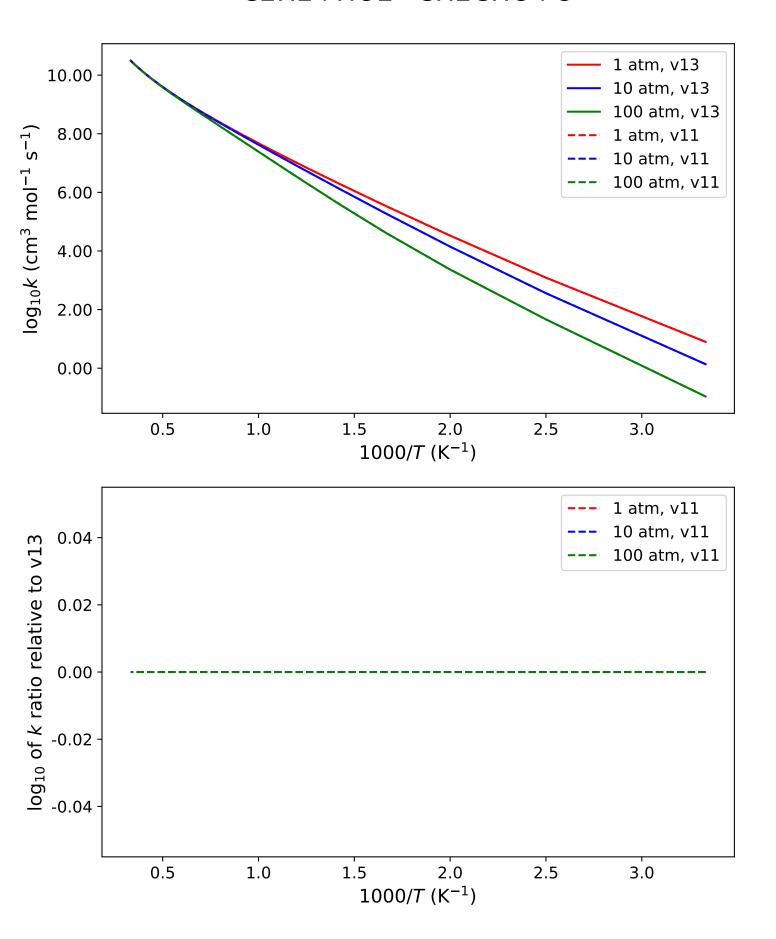
### CH2O+CH3=HCO+CH4



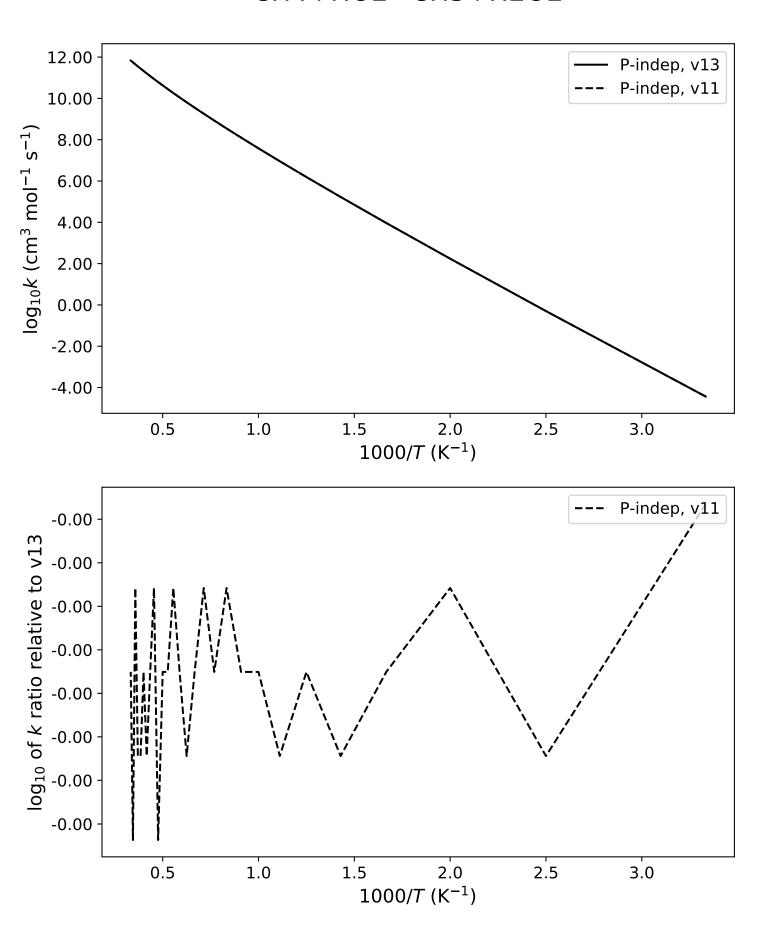
# c-CH2CHCHCH=CH2CHCCH+H



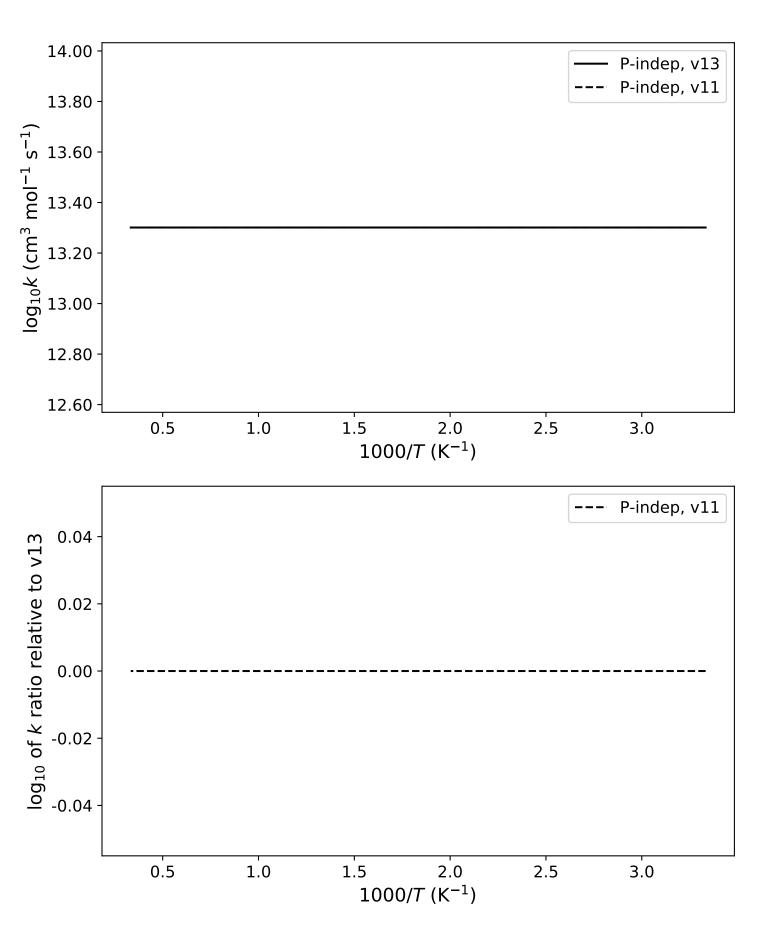
### C2H2+HO2=CH2CHO+O



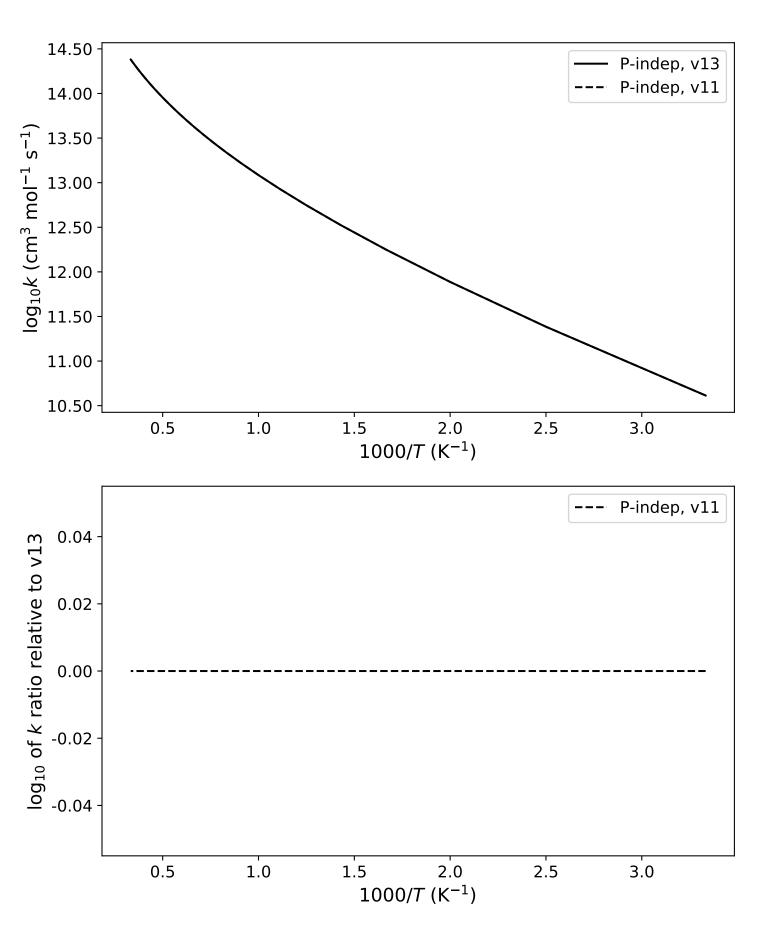
### CH4+HO2=CH3+H2O2



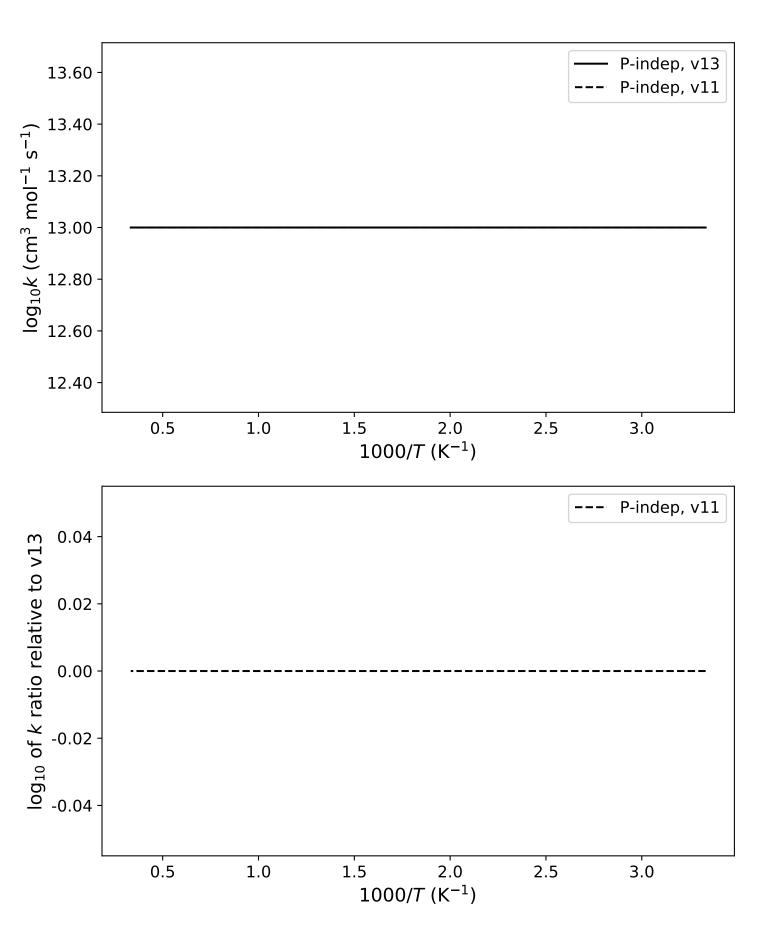
# CH2CHCH2+OH=CH2O+C2H4



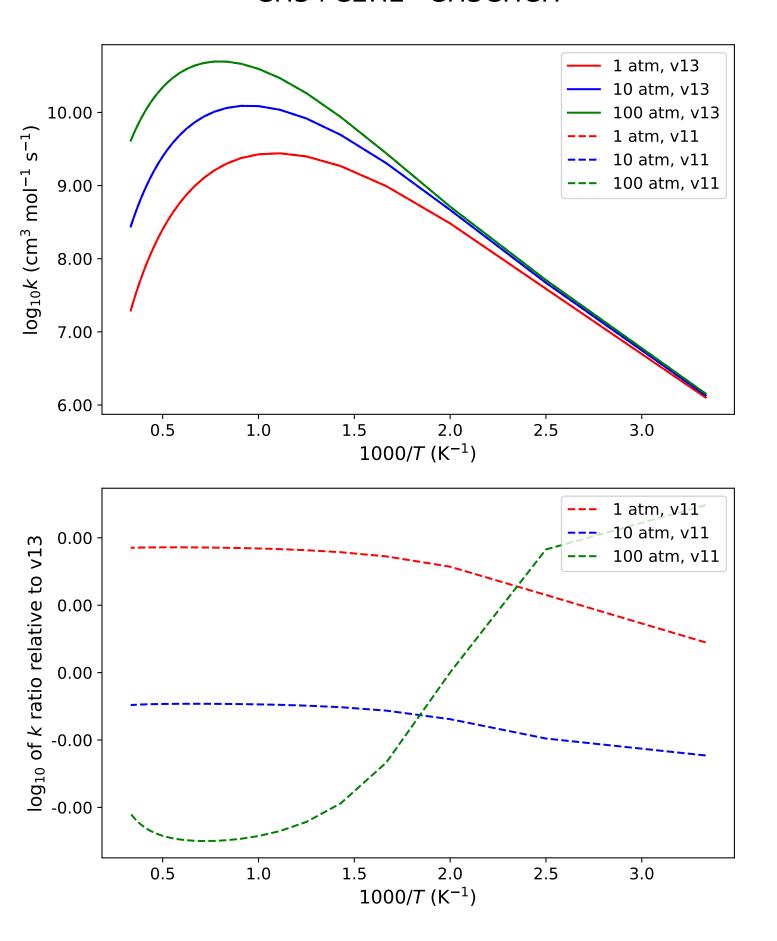
#### C5H6+H=C5H5+H2



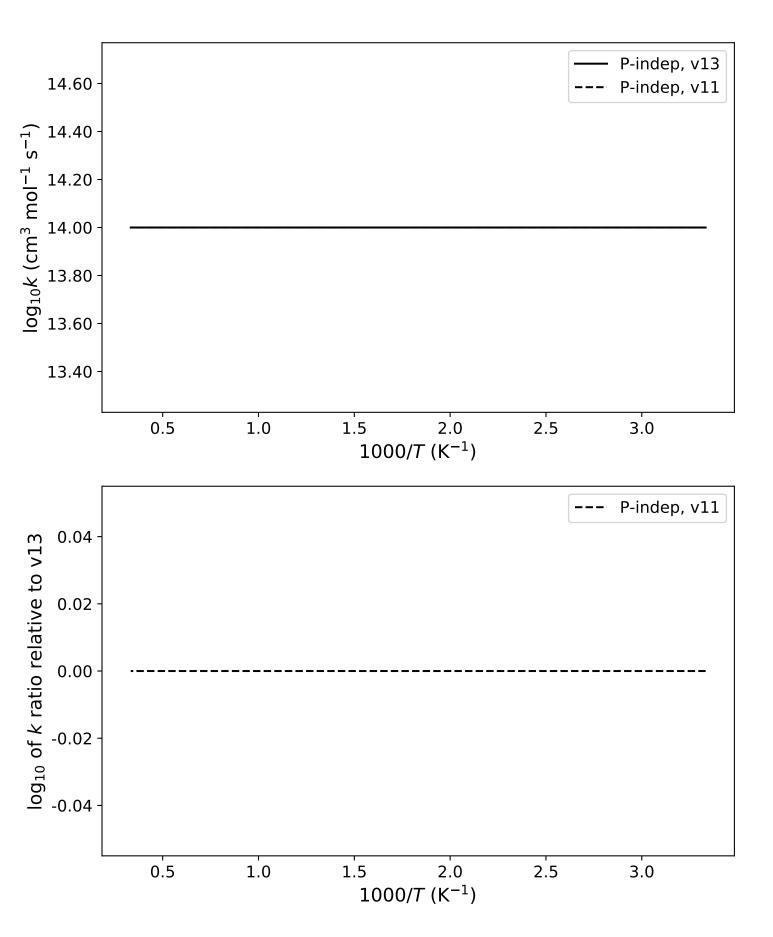
#### C3H+O2=HCCO+CO



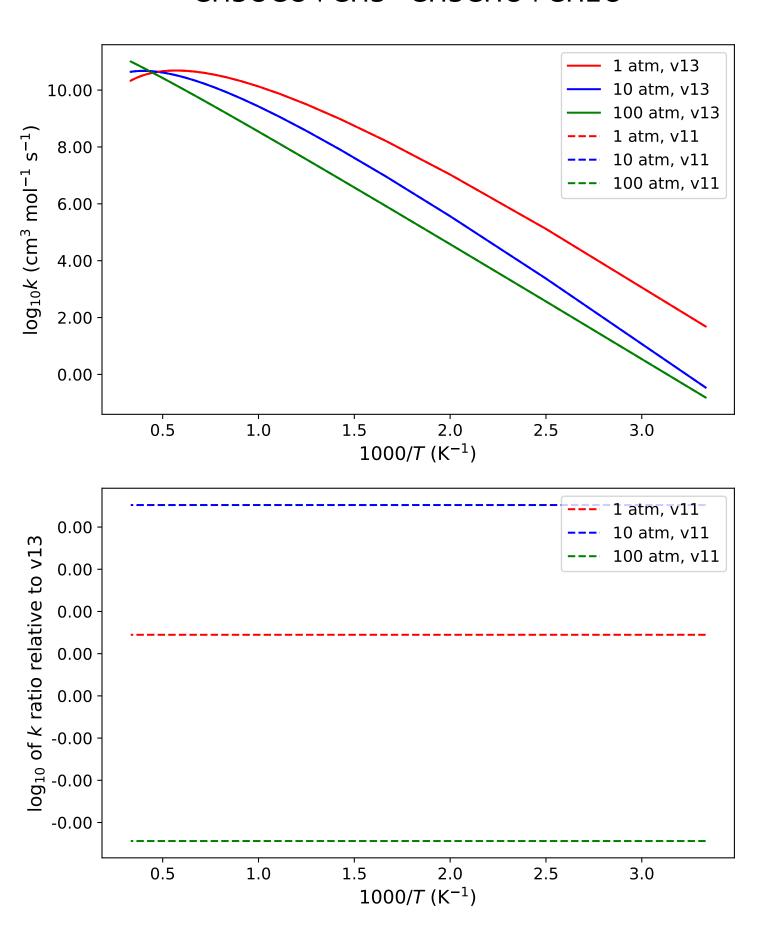
#### CH3+C2H2=CH3CHCH



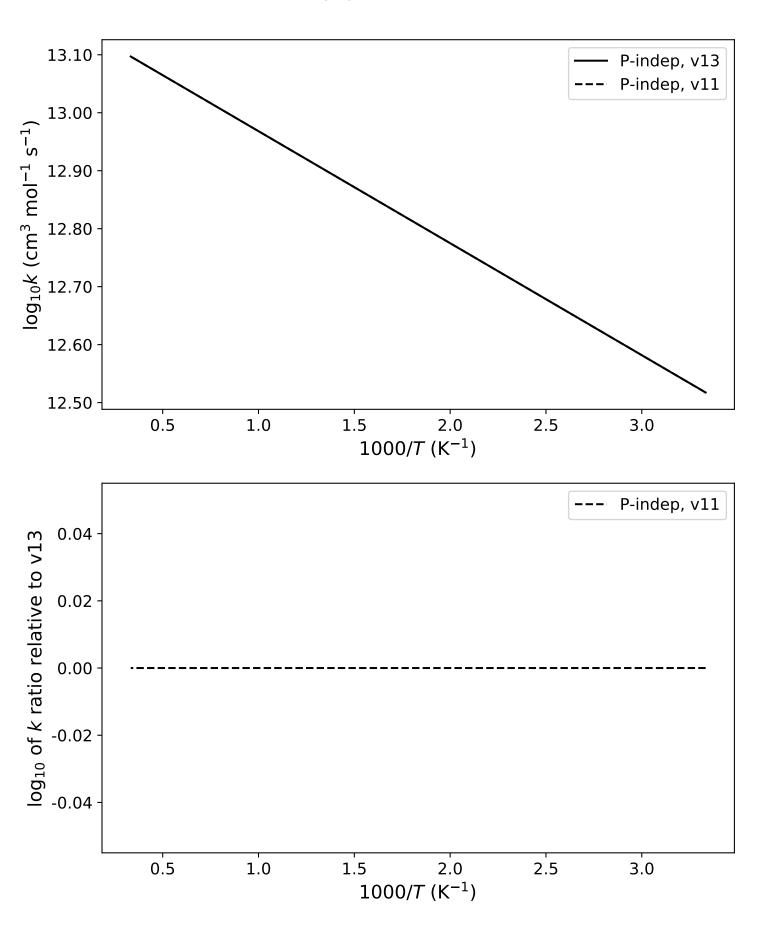
#### CH+CHCCCH=C5H2+H



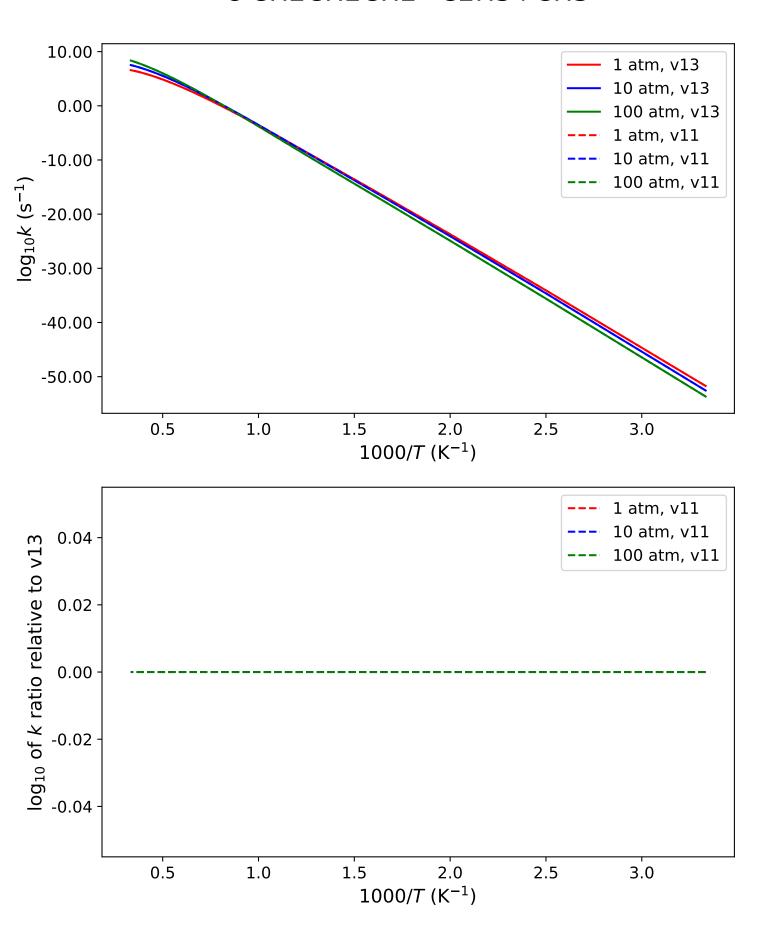
#### CH3OCO+CH3=CH3CHO+CH2O



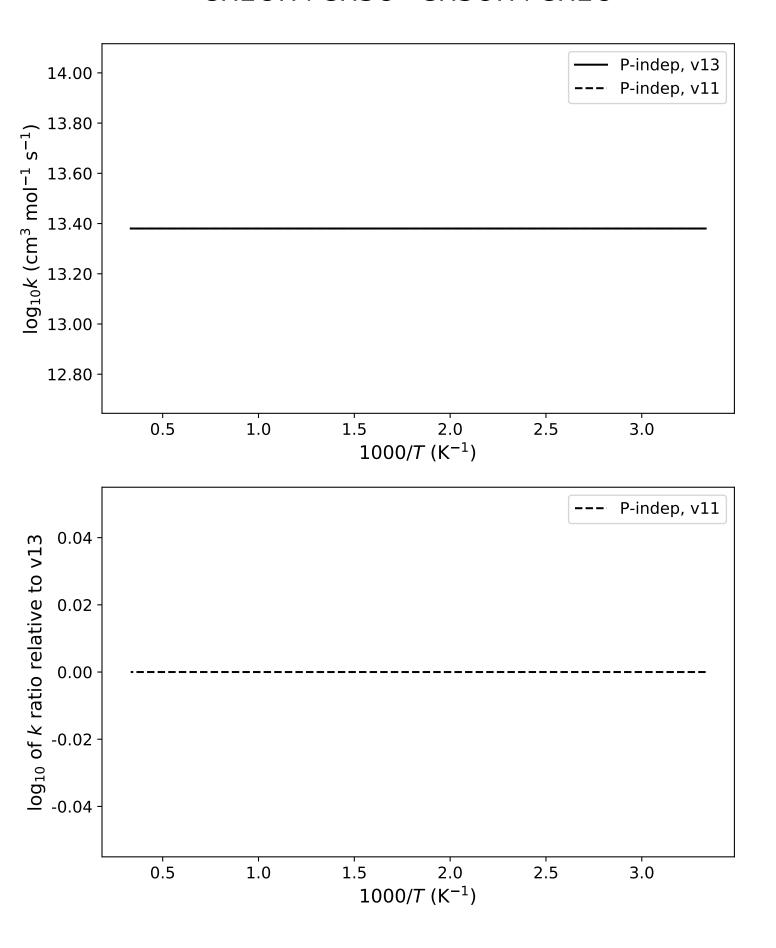
## CH2(S)+AR=CH2+AR



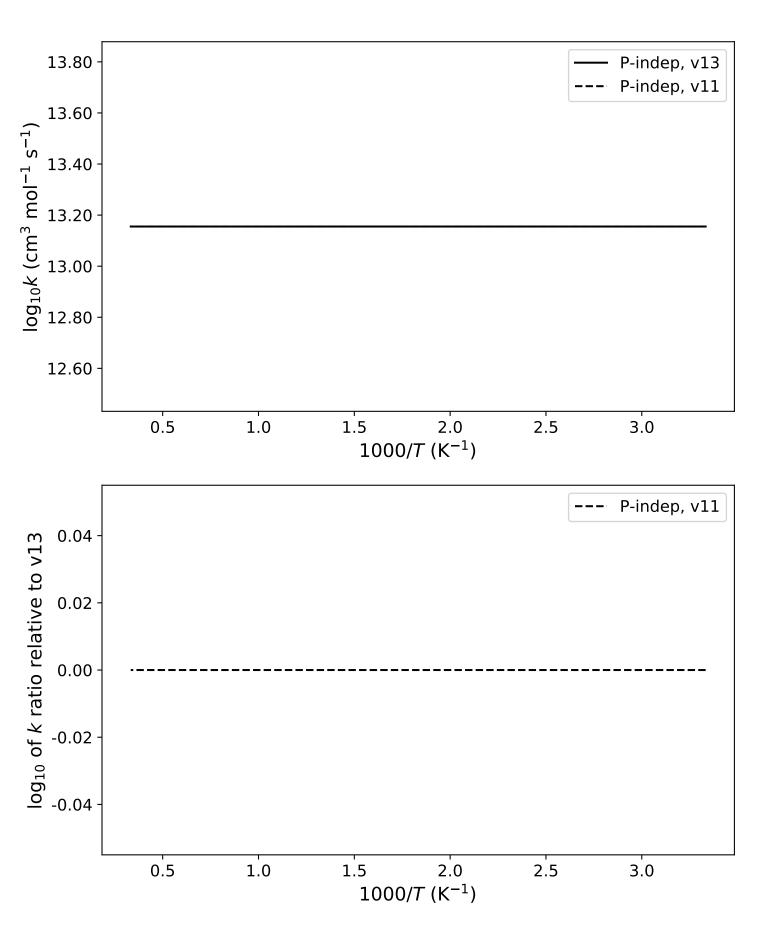
#### c-CH2CH2CH2=C2H3+CH3



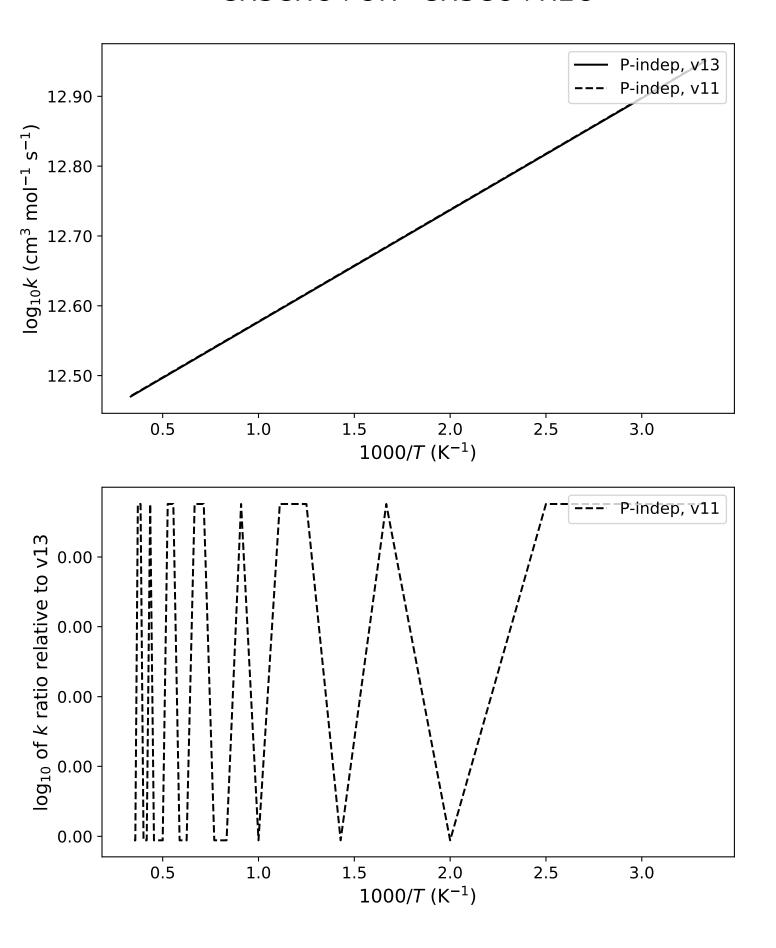
#### CH2OH+CH3O=CH3OH+CH2O



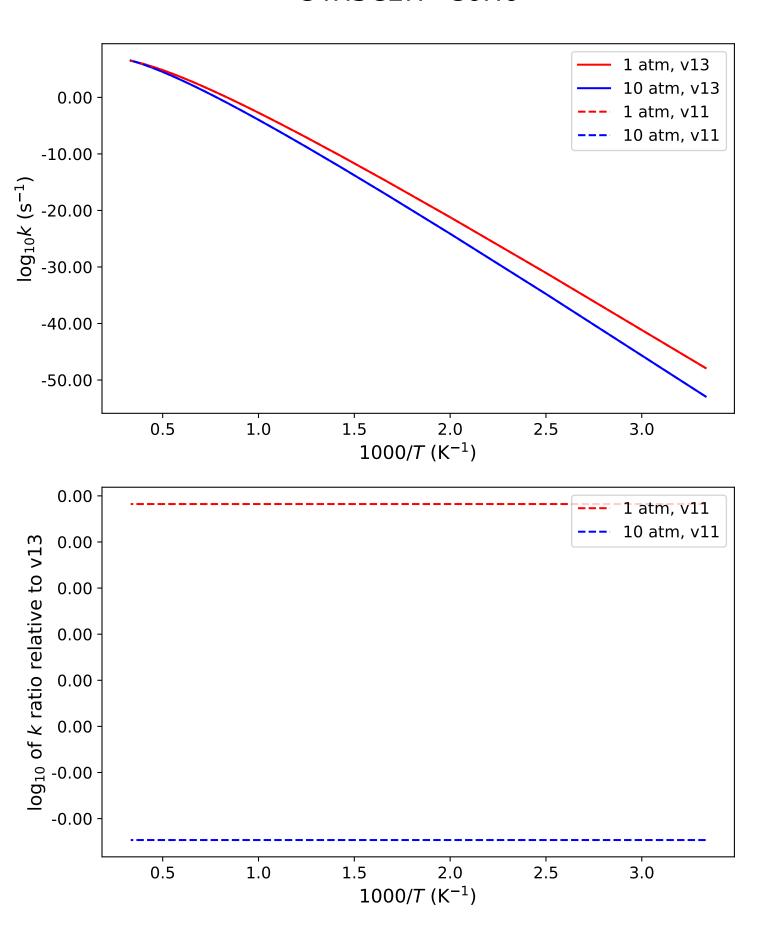
## CH3CH2CH2+O=C2H5+CH2O



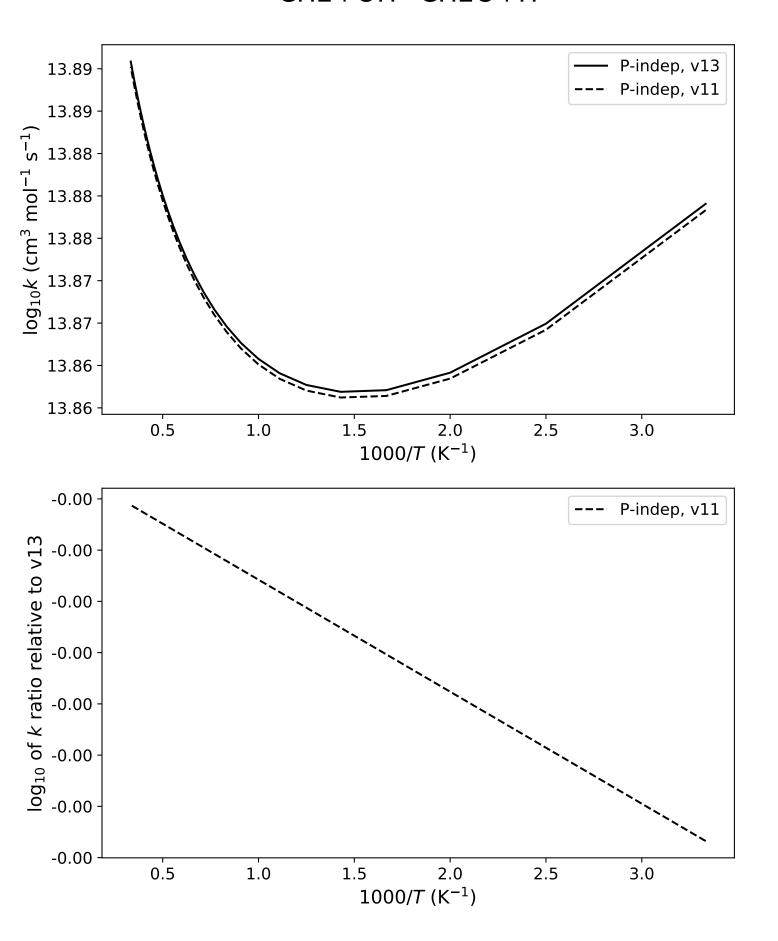
## CH3CHO+OH=CH3CO+H2O



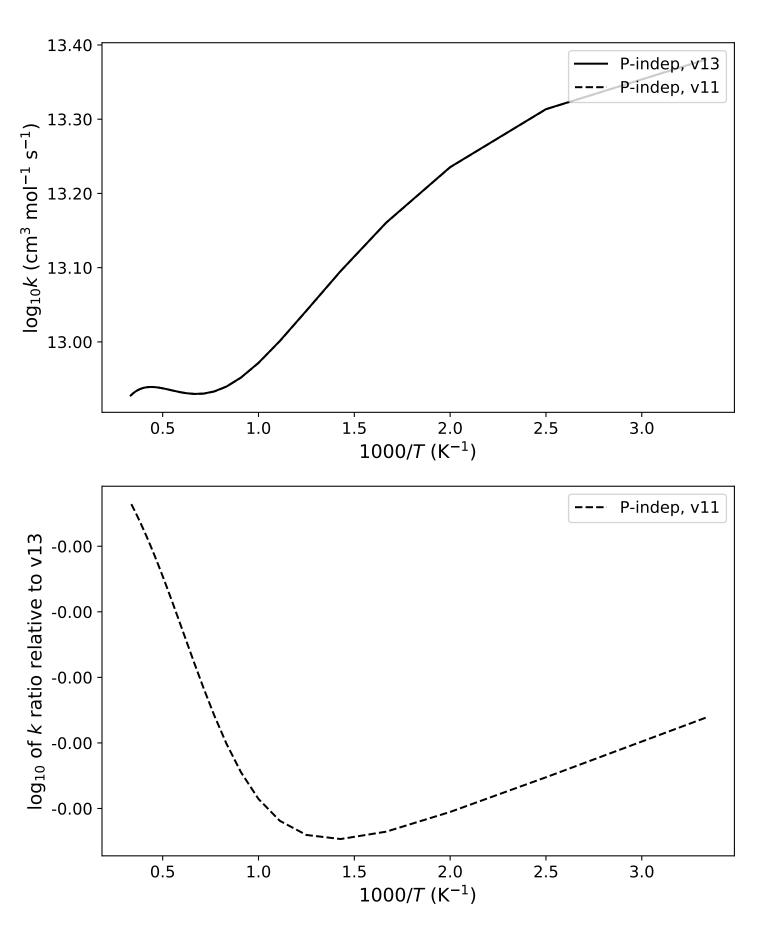
#### C4H5C2H=C6H6



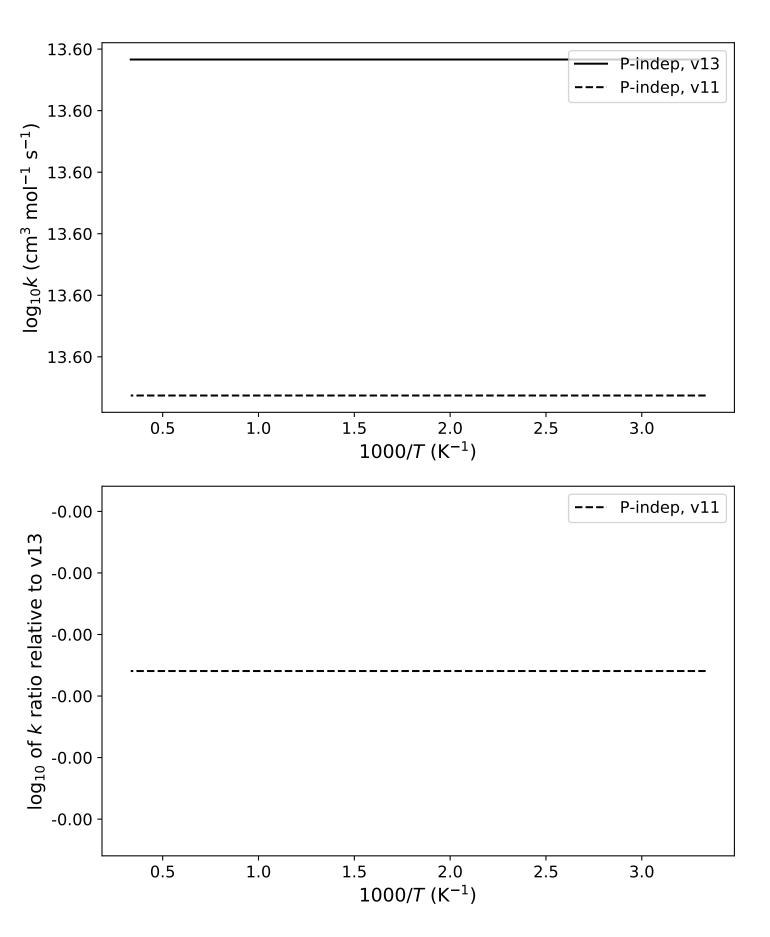
#### CH2+OH=CH2O+H



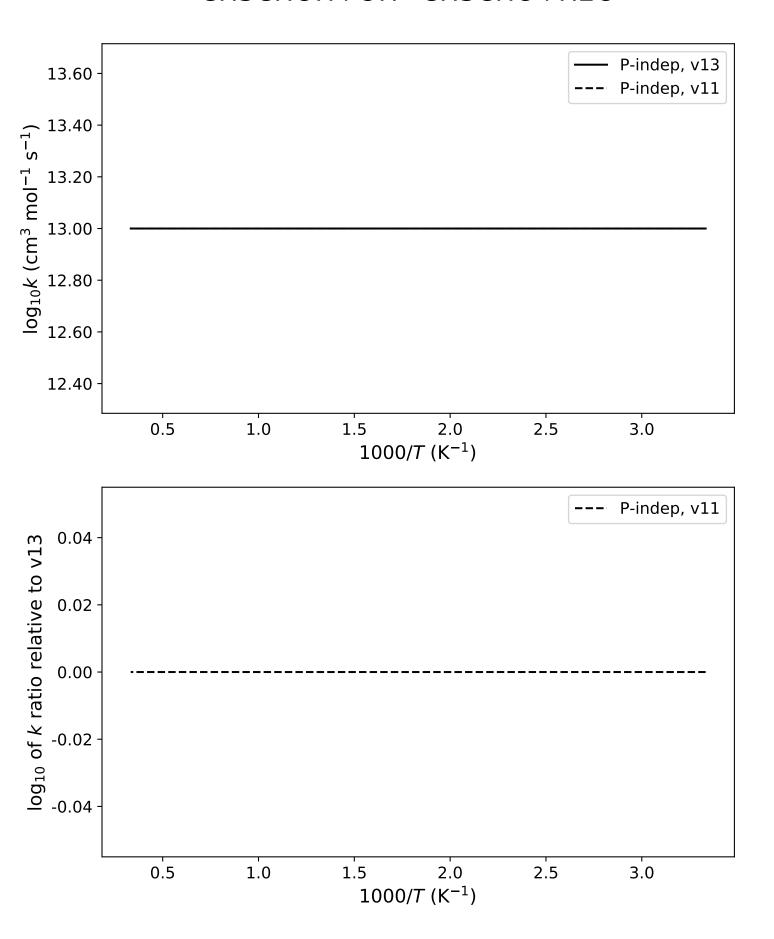
## O+OH=O2+H



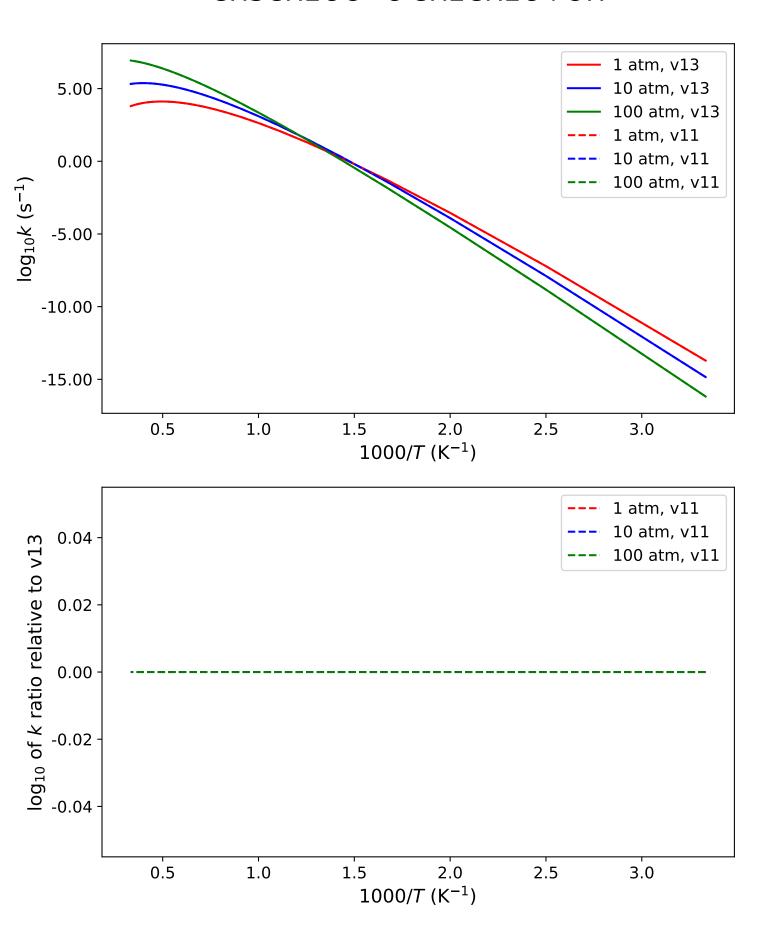
## CH+O=CO+H



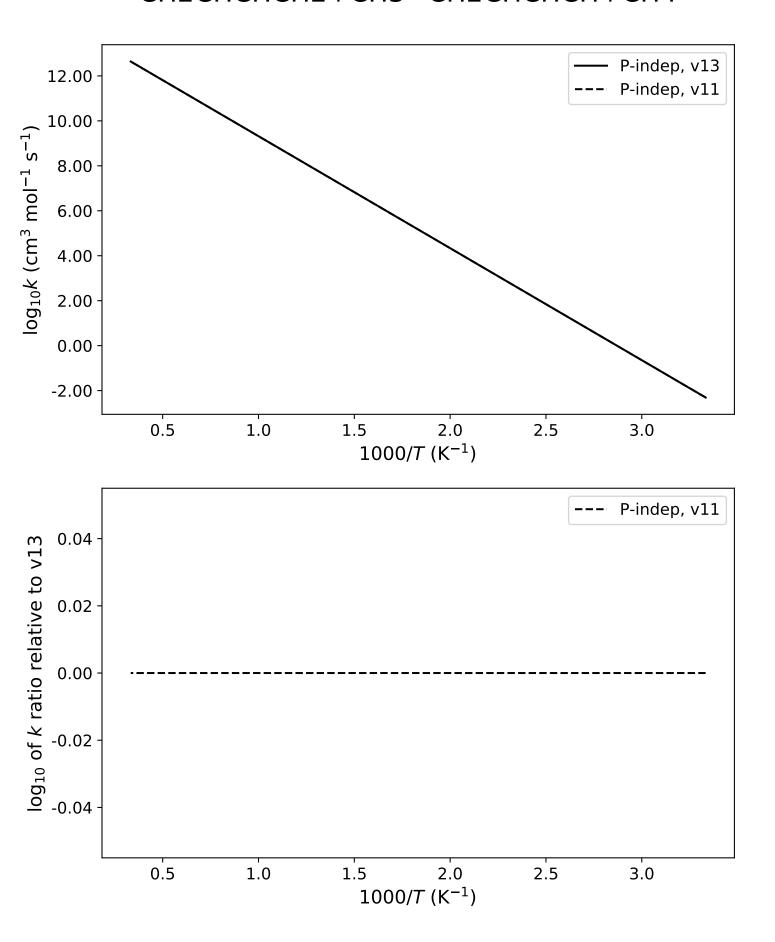
#### CH3CHOH+OH=CH3CHO+H2O



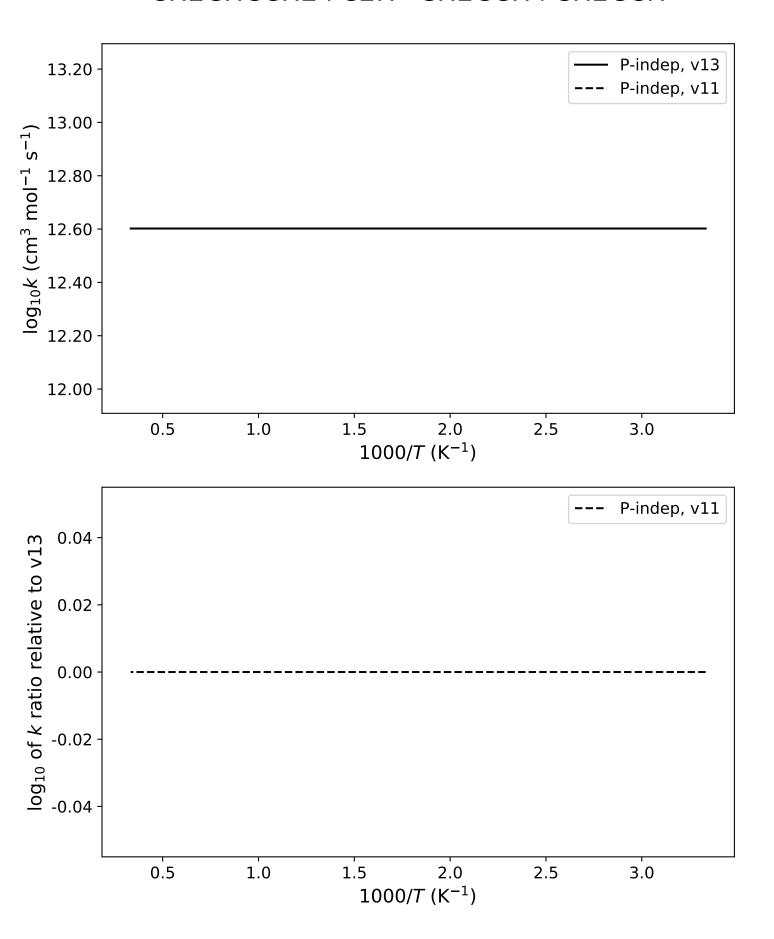
#### CH3CH2OO=c-CH2CH2O+OH



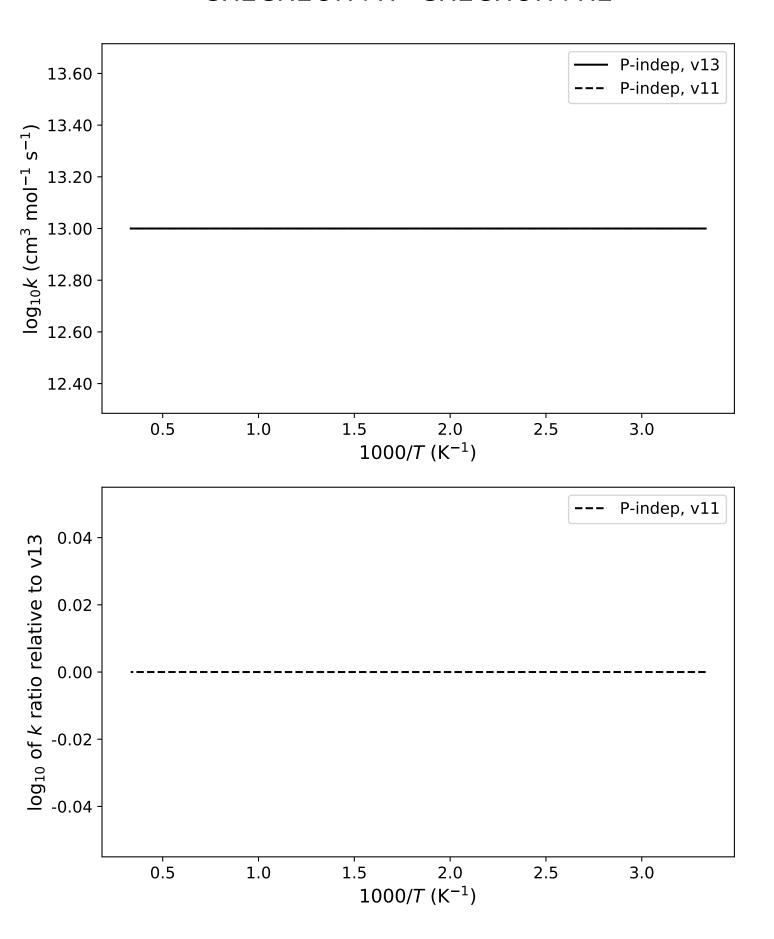
#### CH2CHCHCH2+CH3=CH2CHCHCH+CH4



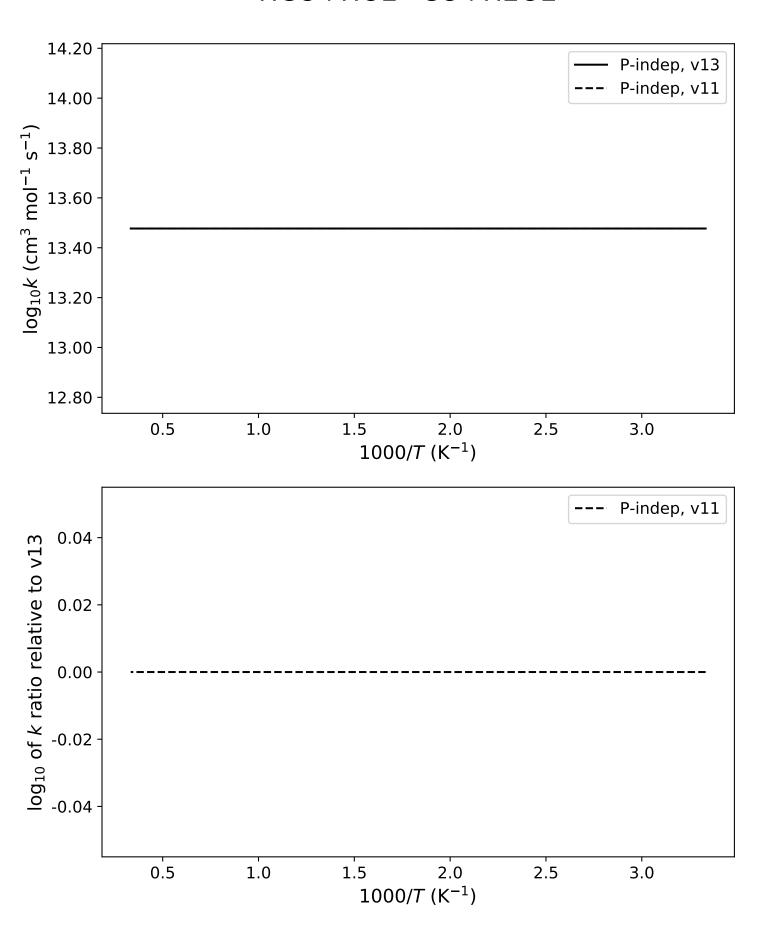
#### CH2CHCCH2+C2H=CH2CCH+CH2CCH



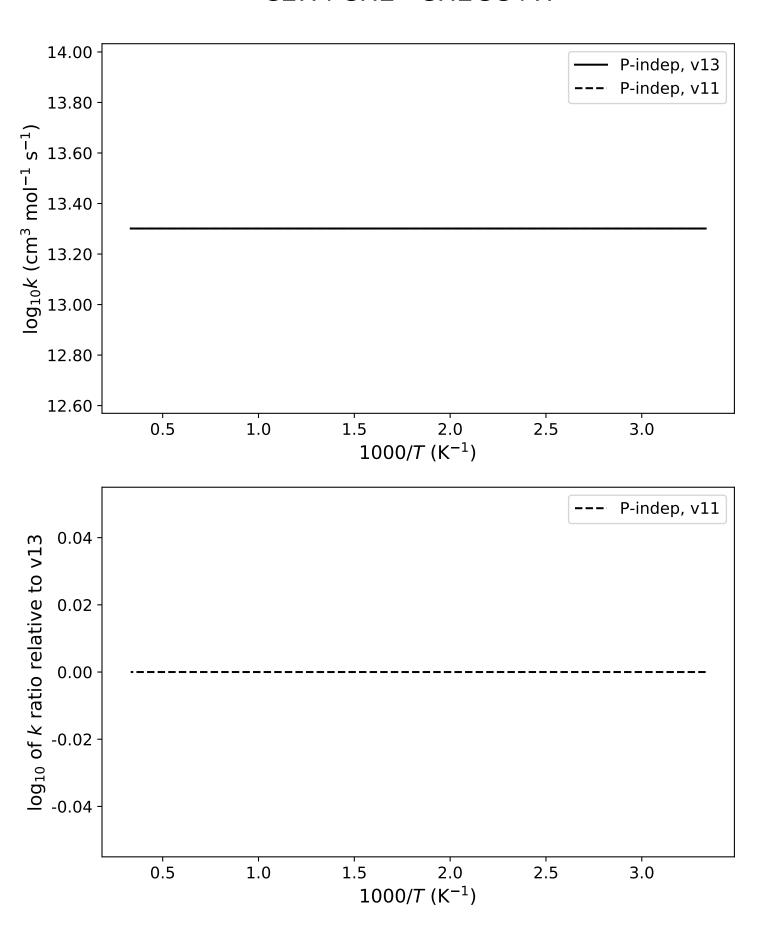
#### CH2CH2OH+H=CH2CHOH+H2



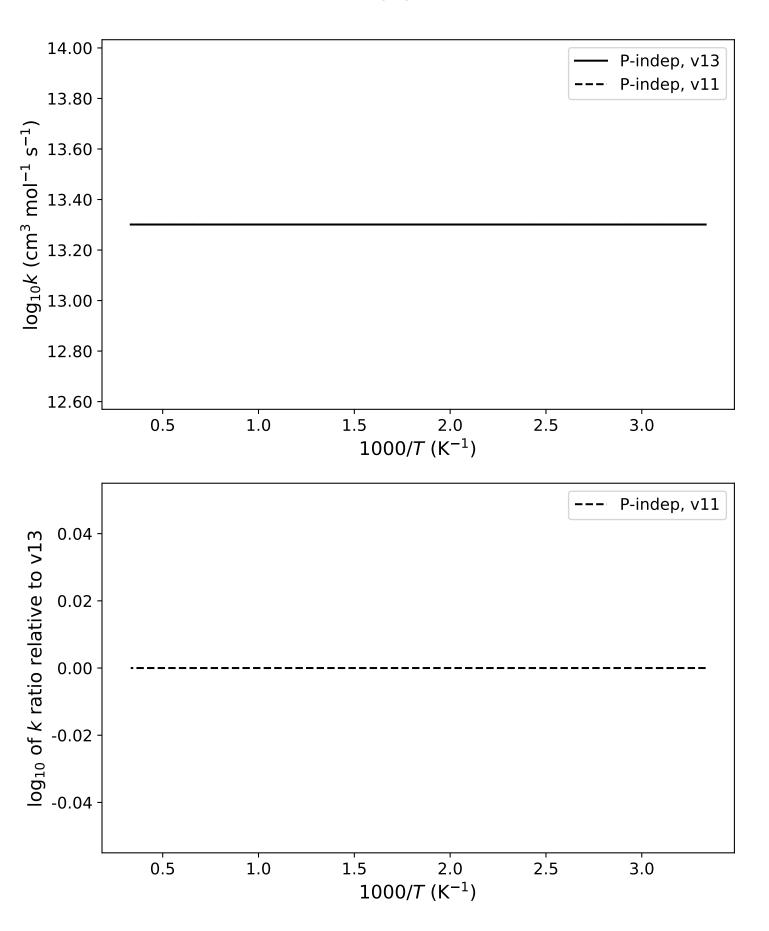
#### HCO+HO2=CO+H2O2



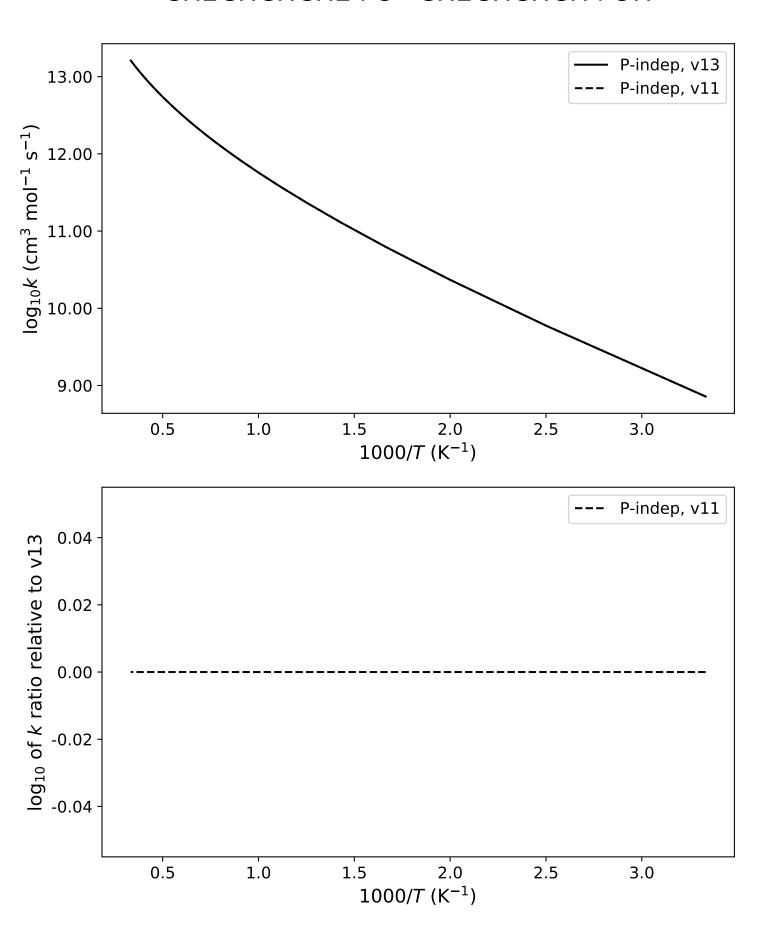
#### C2H+CH2=CH2CC+H



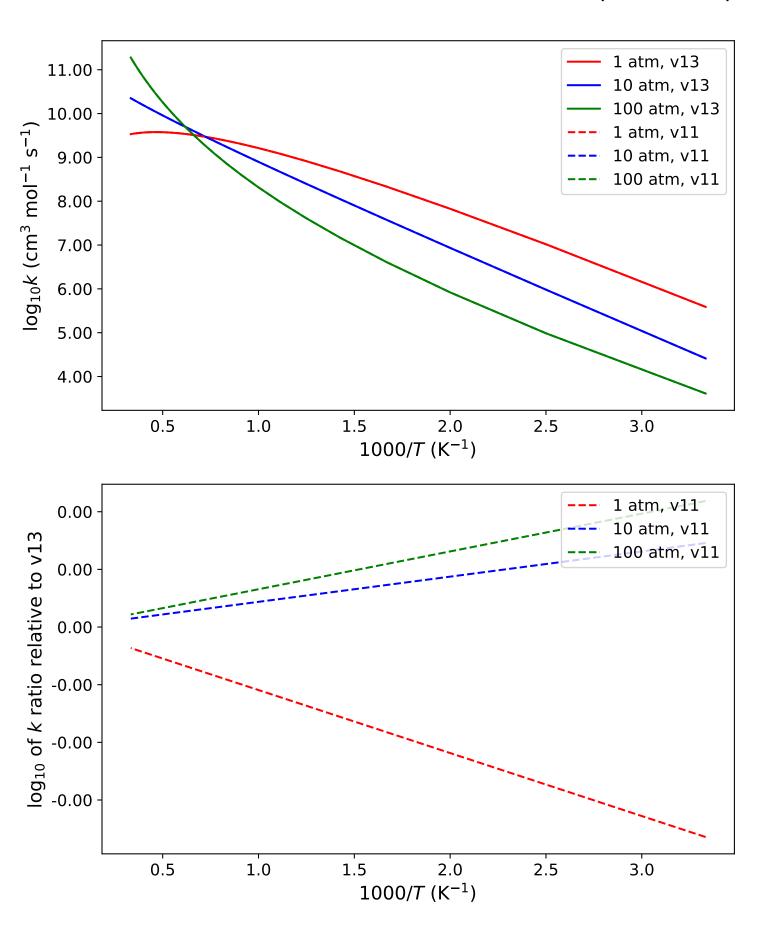
## CH2CCH2+CH2(S)=CH2CHCCH2+H



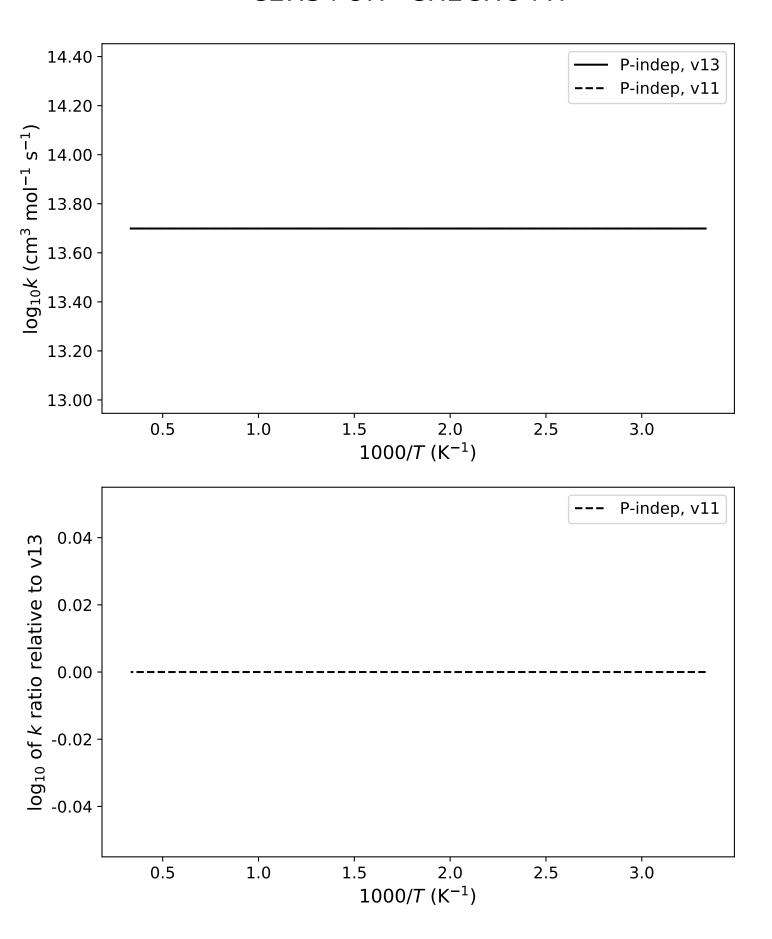
#### CH2CHCHCH2+O=CH2CHCHCH+OH



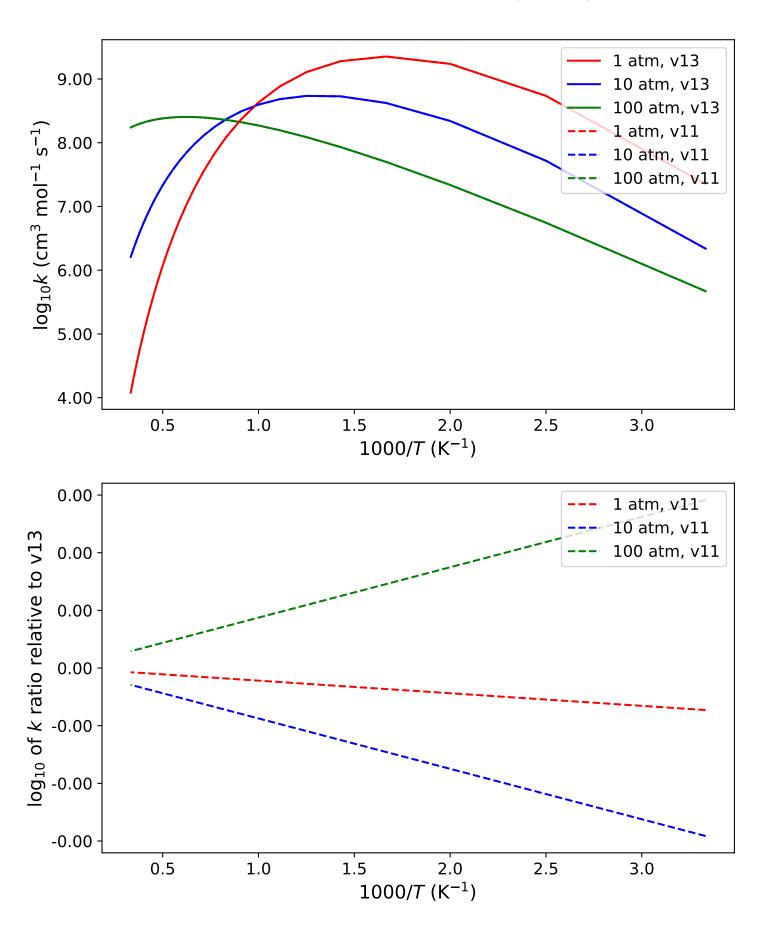
#### O2+CH2CH2COOH=OH+c-CH2OCH(CH2OOH)



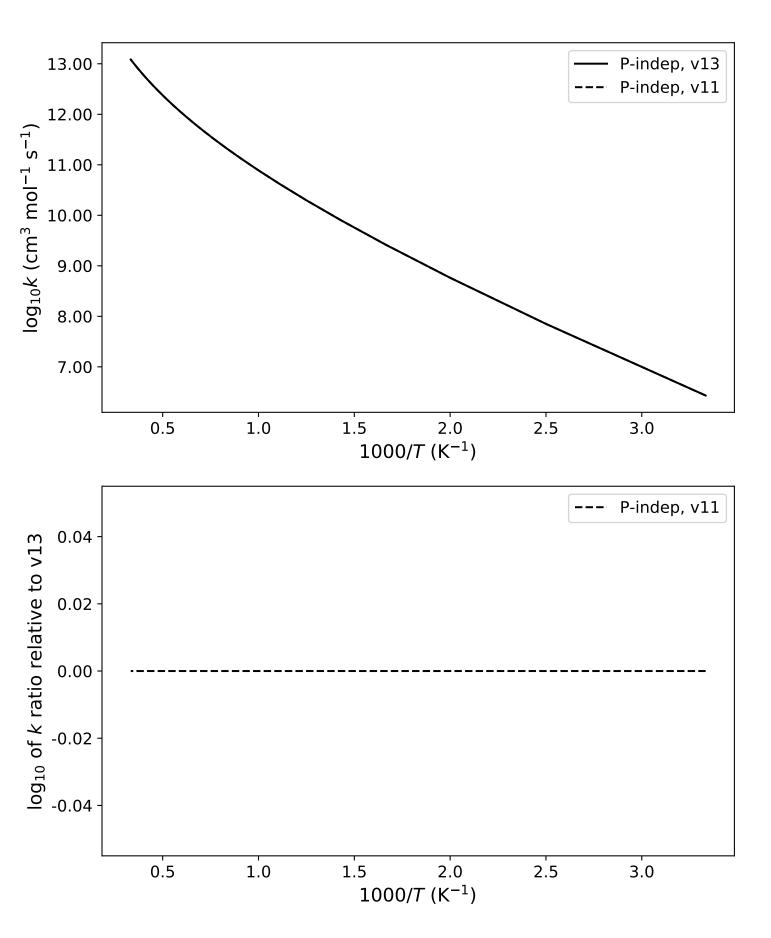
#### C2H3+OH=CH2CHO+H



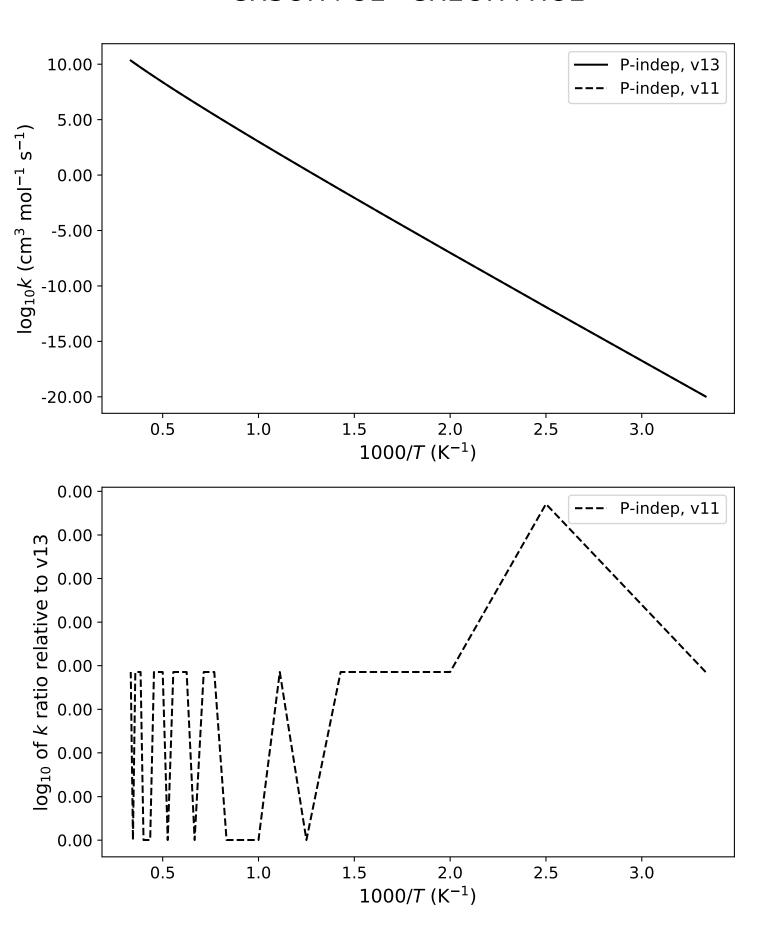
## O2+CH3CHCH2OOH=CH3CH(OOH)CH2OO



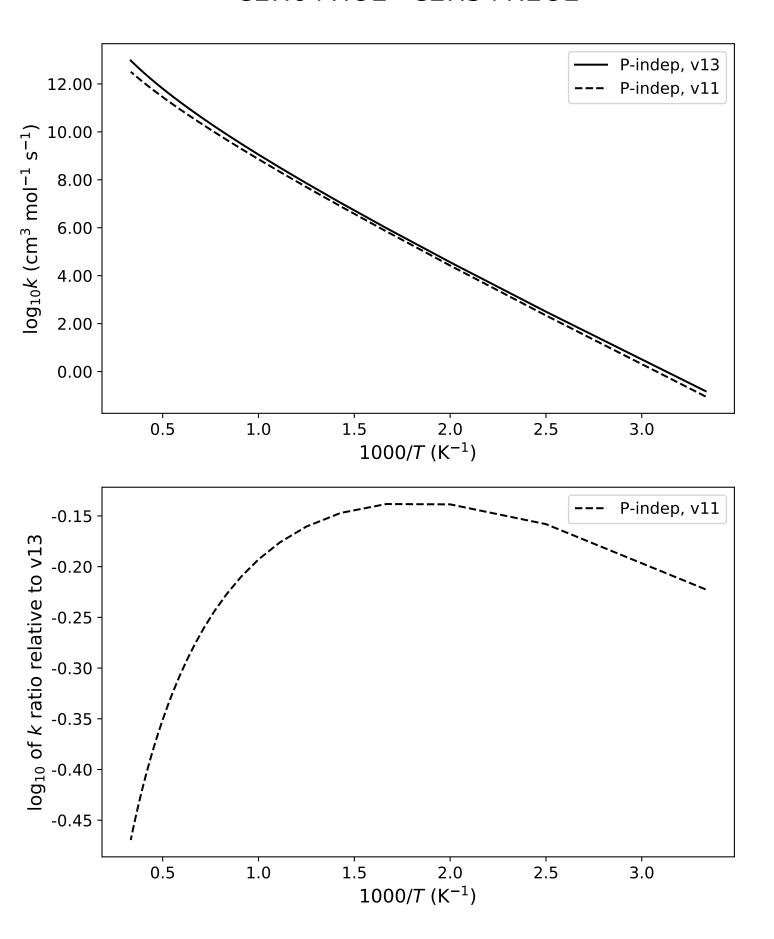
#### C2H5+CH2O=C2H6+HCO



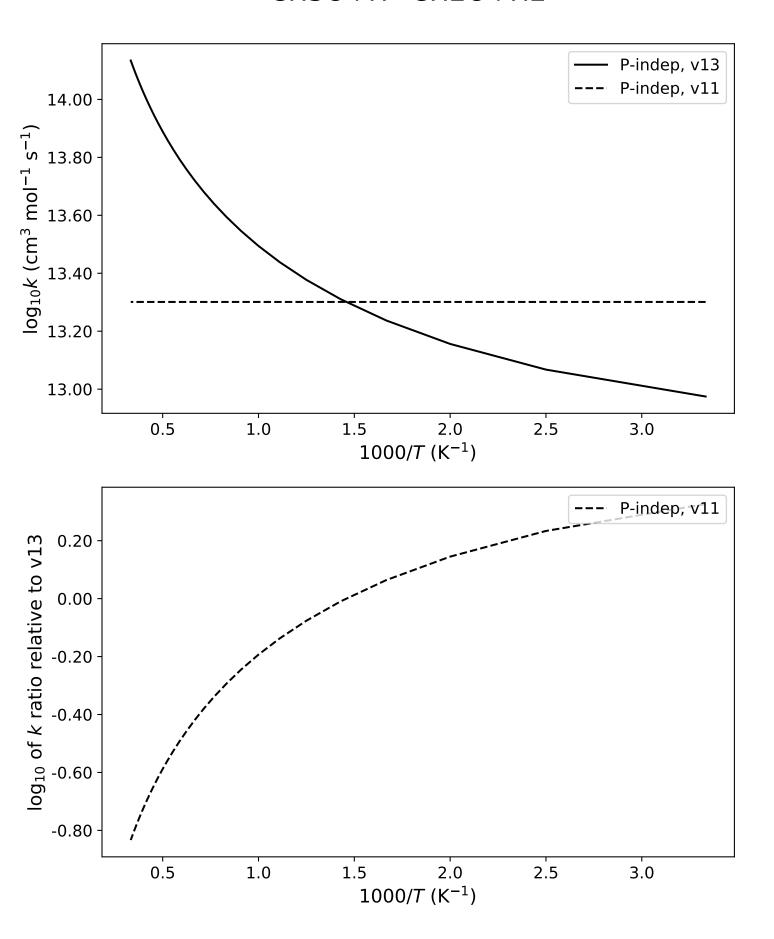
#### CH3OH+O2=CH2OH+HO2



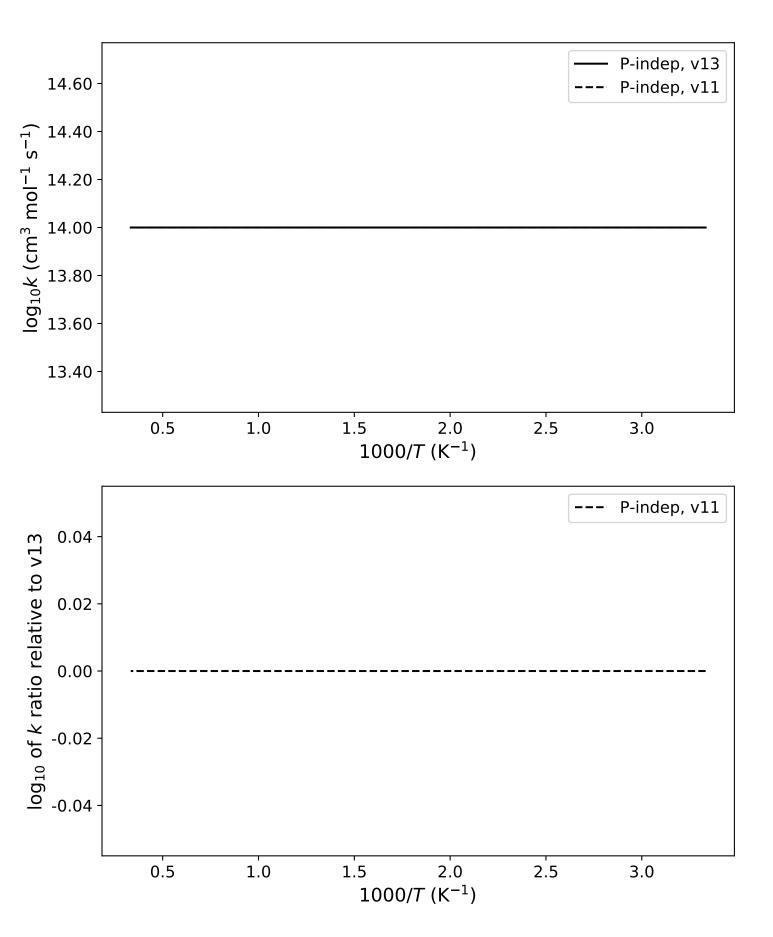
#### C2H6+HO2=C2H5+H2O2



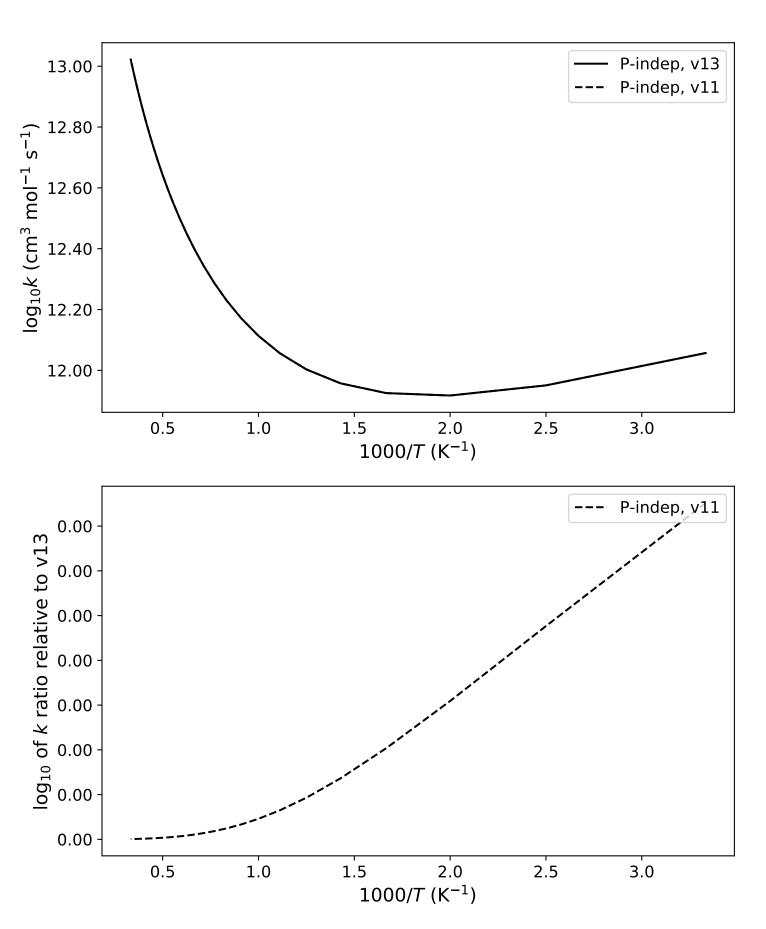
#### CH3O+H=CH2O+H2



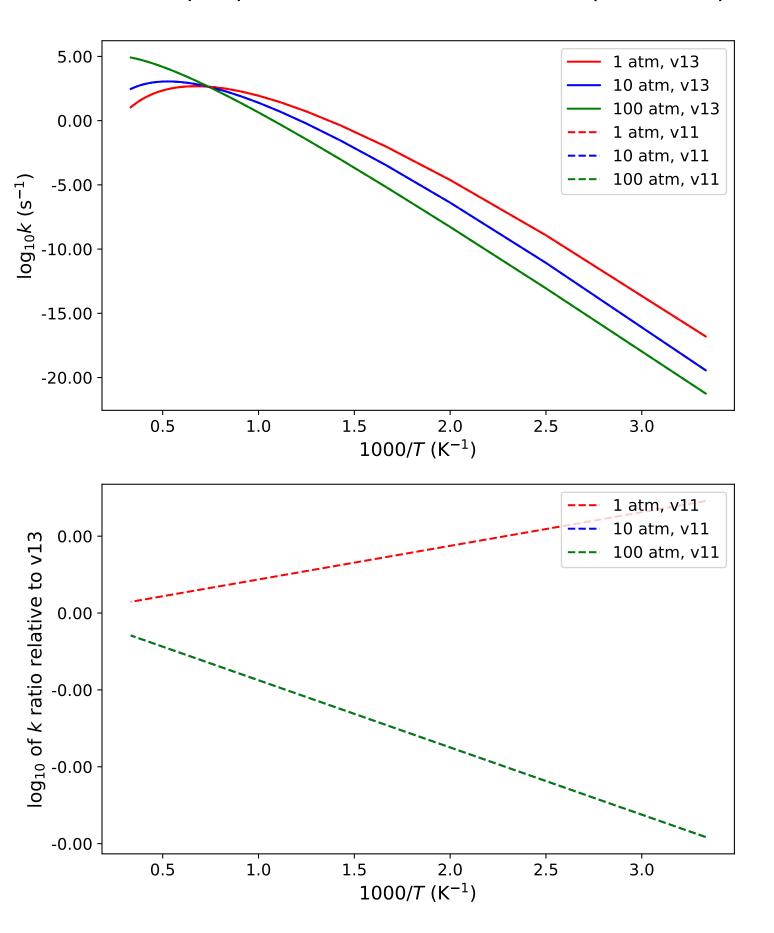
## CH2CHO+CH=C2H3+HCO



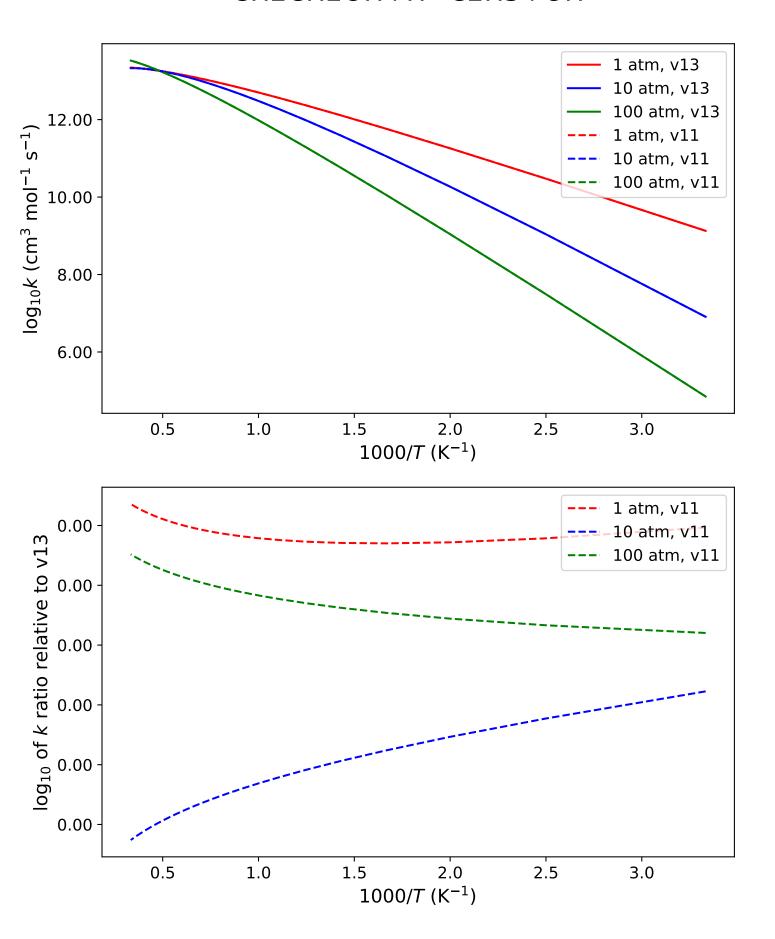
## OH+OH=O+H2O



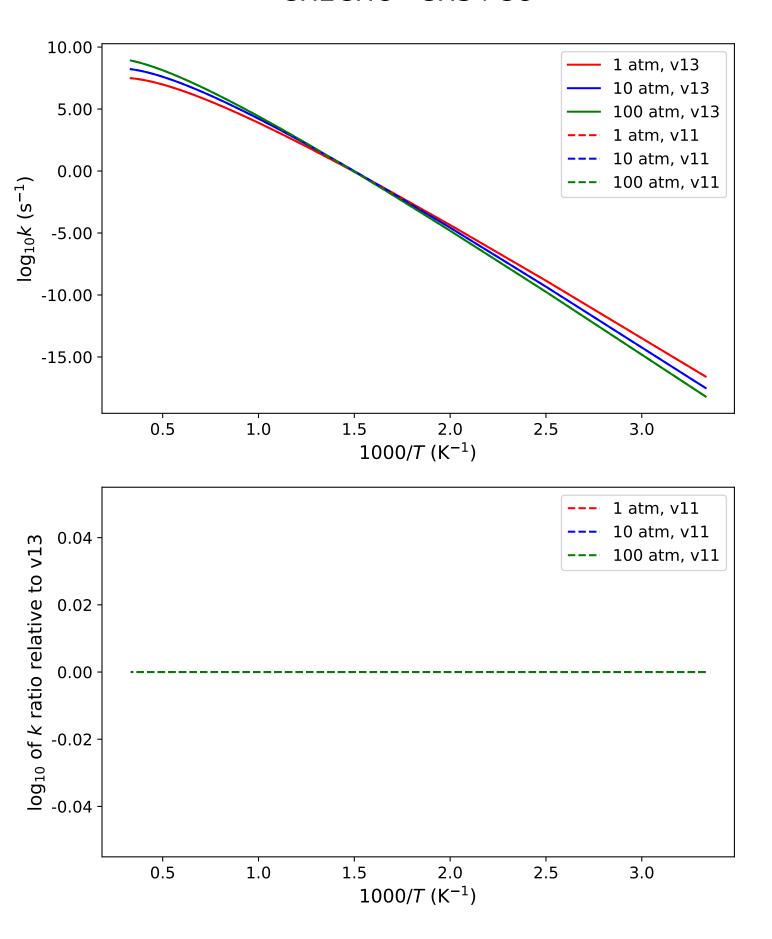
# CH3CH(OO)CH2OOH=OH+c-CH2OCH(CH2OOH)



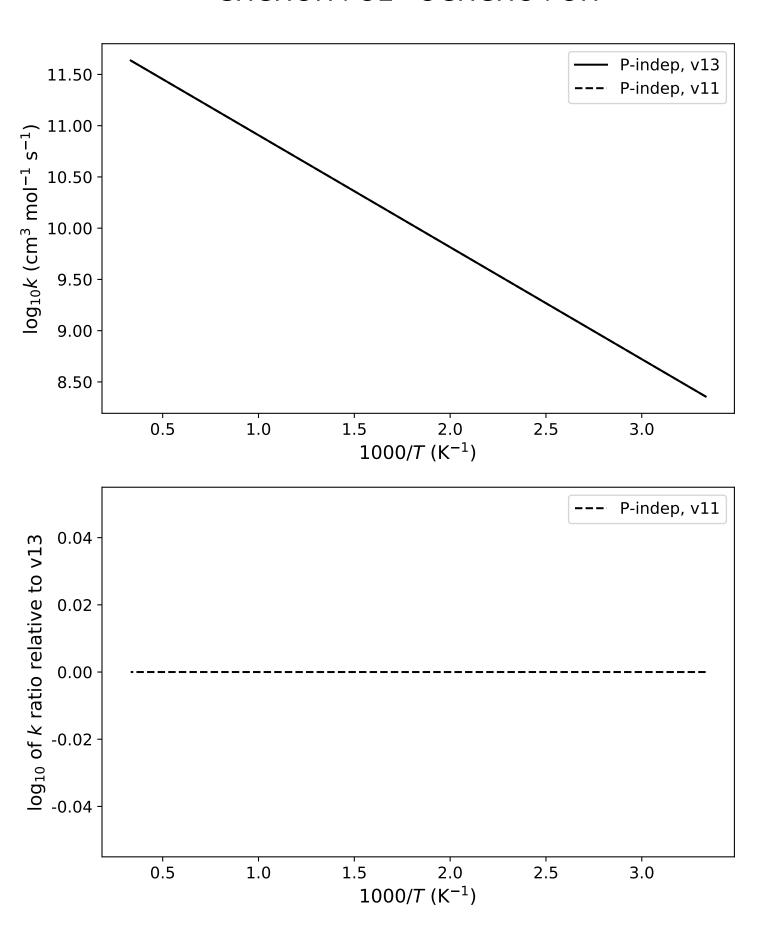
#### CH2CH2OH+H=C2H5+OH



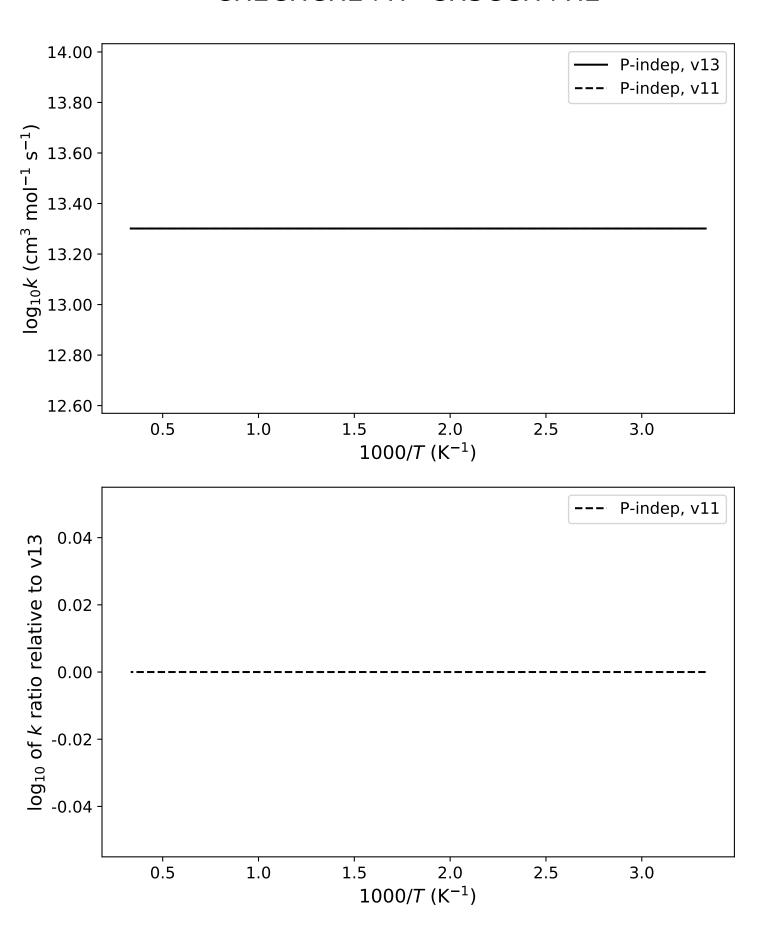
#### CH2CHO=CH3+CO



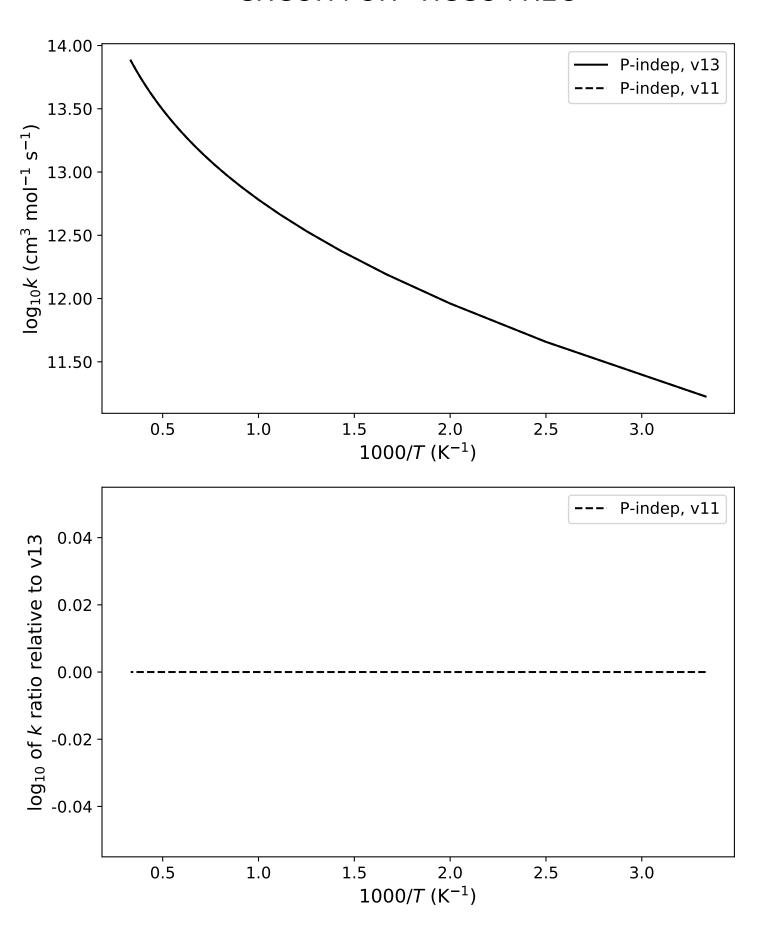
#### CHCHOH+O2=OCHCHO+OH



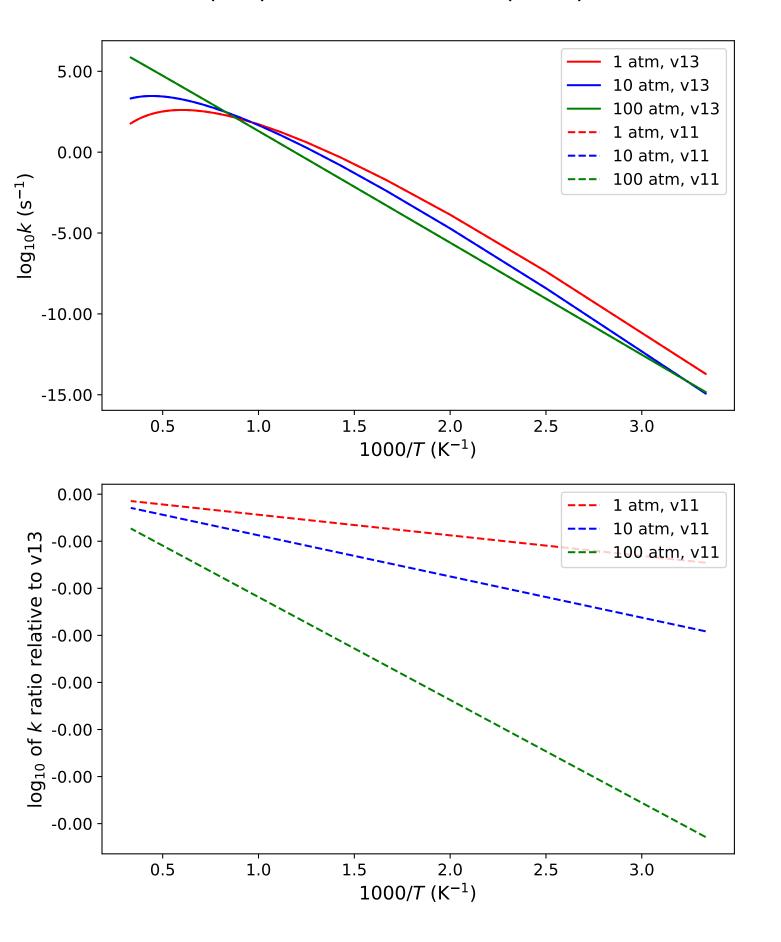
## CH2CHCH2+H=CH3CCH+H2



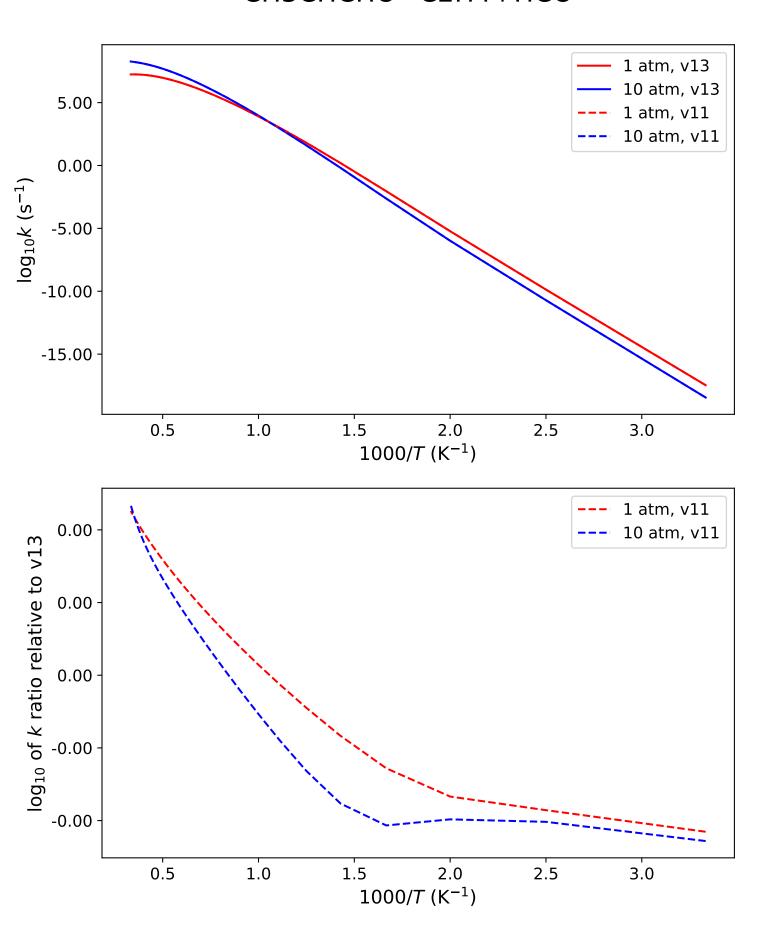
## CHCOH+OH=HCCO+H2O



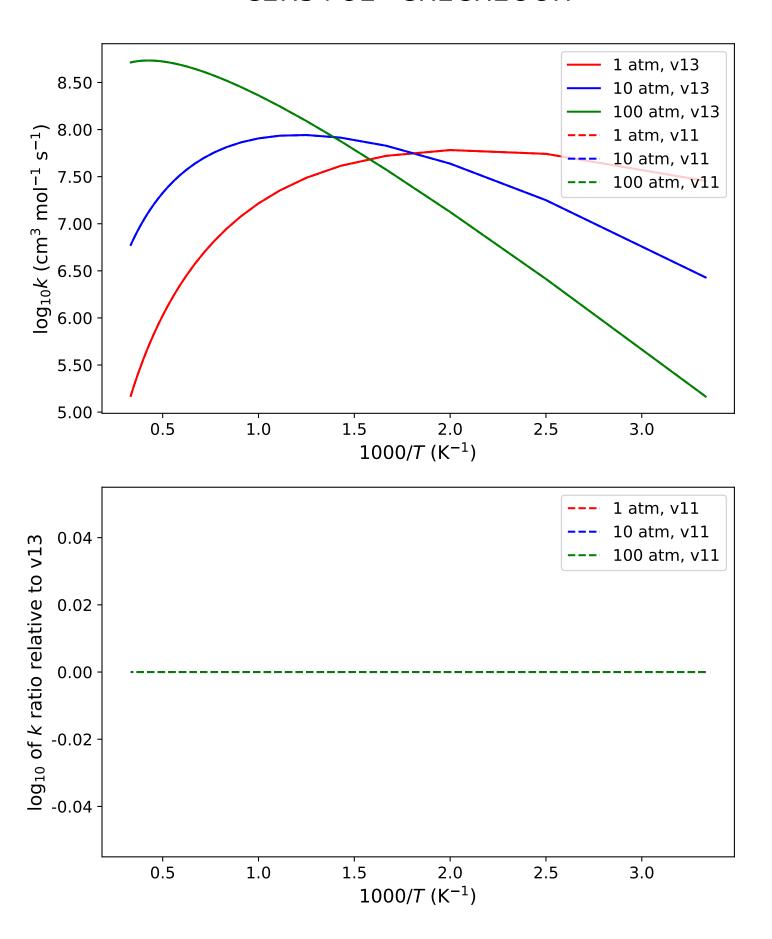
## CH3CH(OO)CH2OOH=CH2CH(OOH)CH2OOH



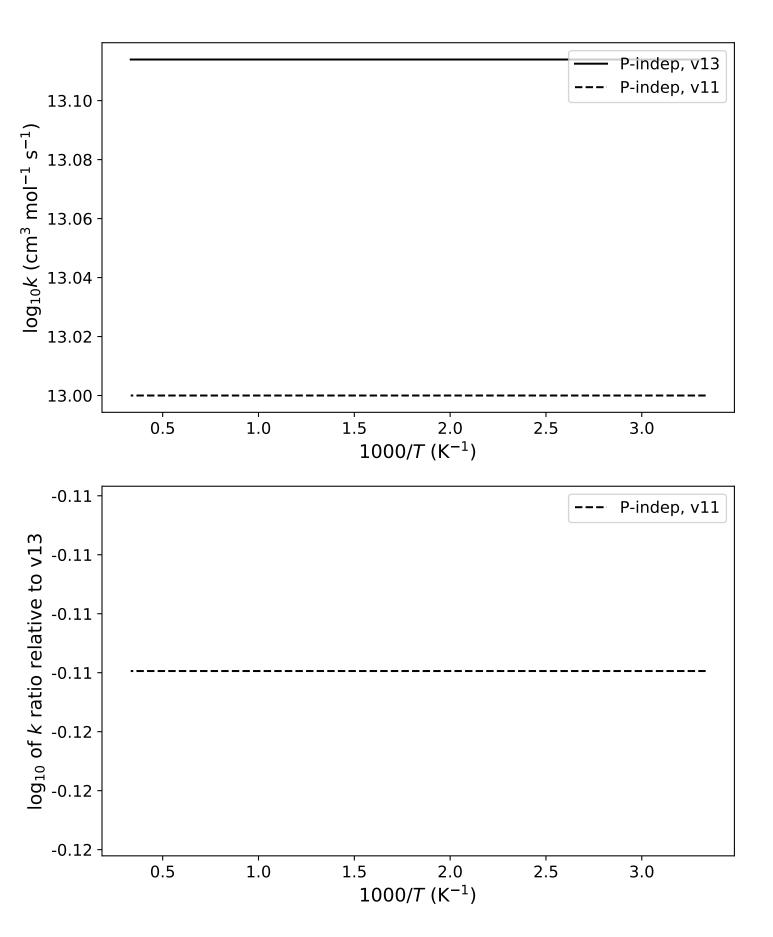
## CH3CHCHO=C2H4+HCO



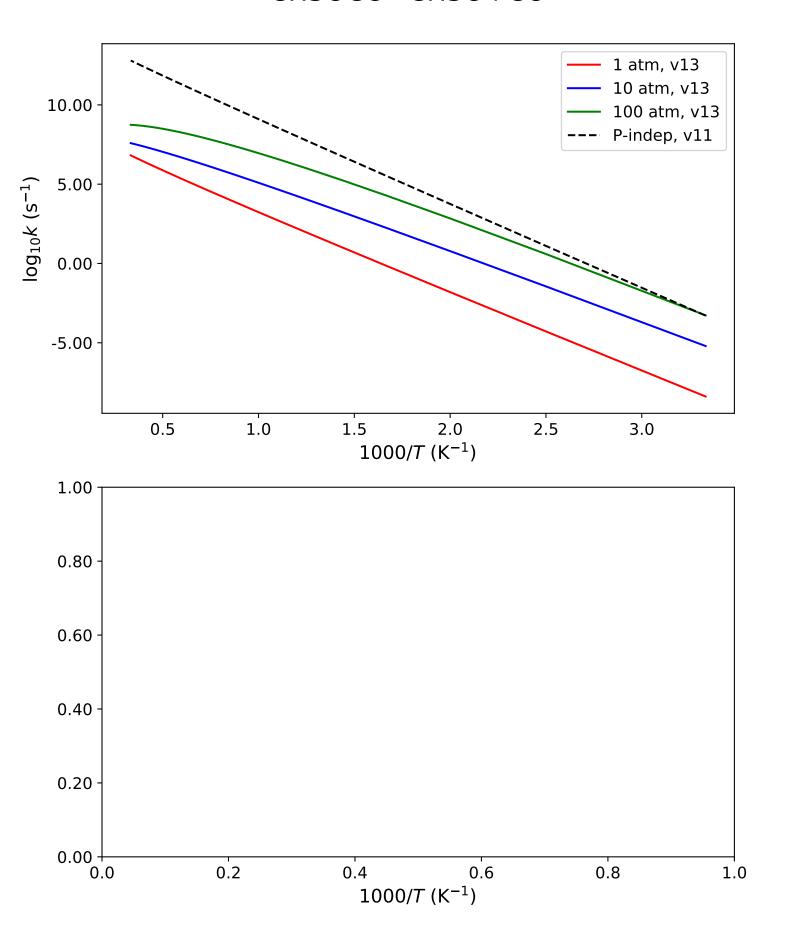
#### C2H5+O2=CH2CH2OOH



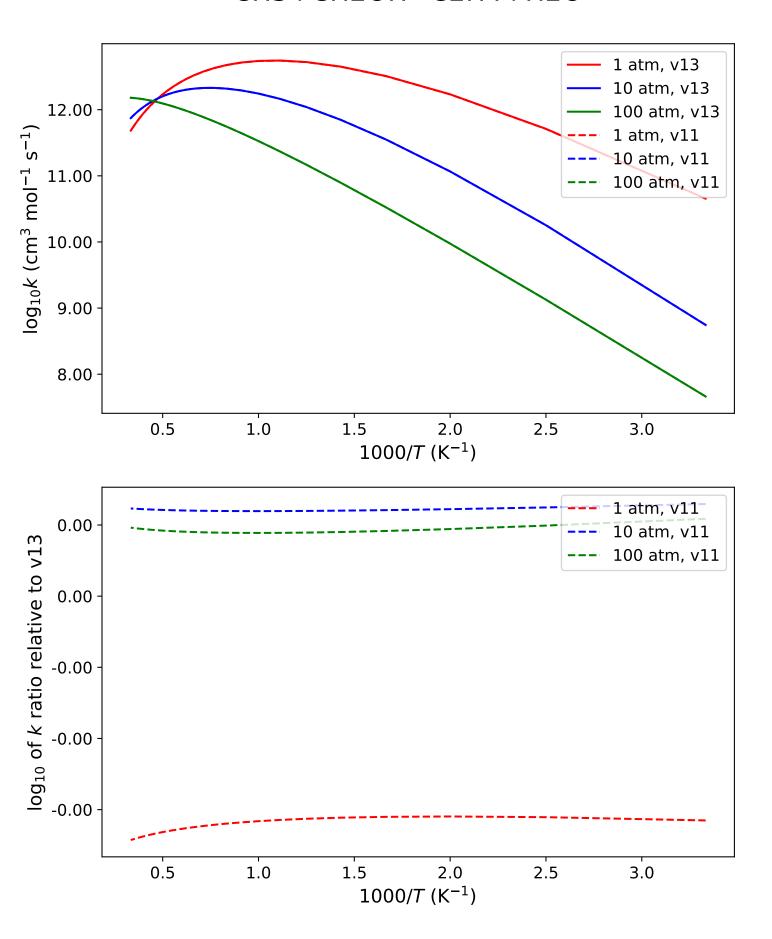
# CCO+H=CH+CO



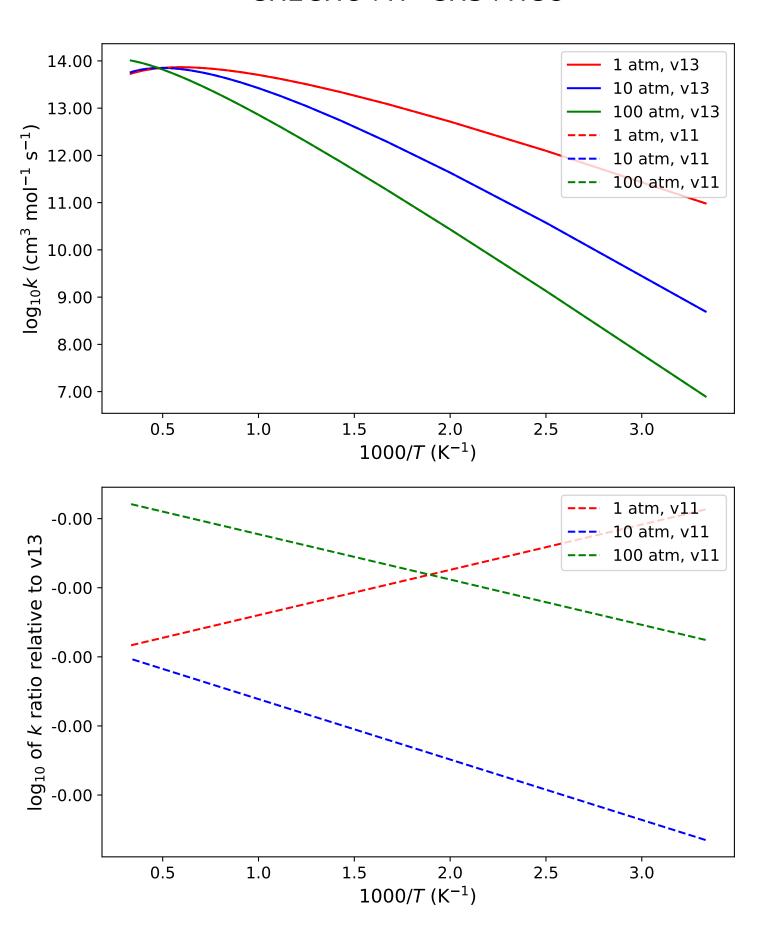
# CH30C0=CH30+C0



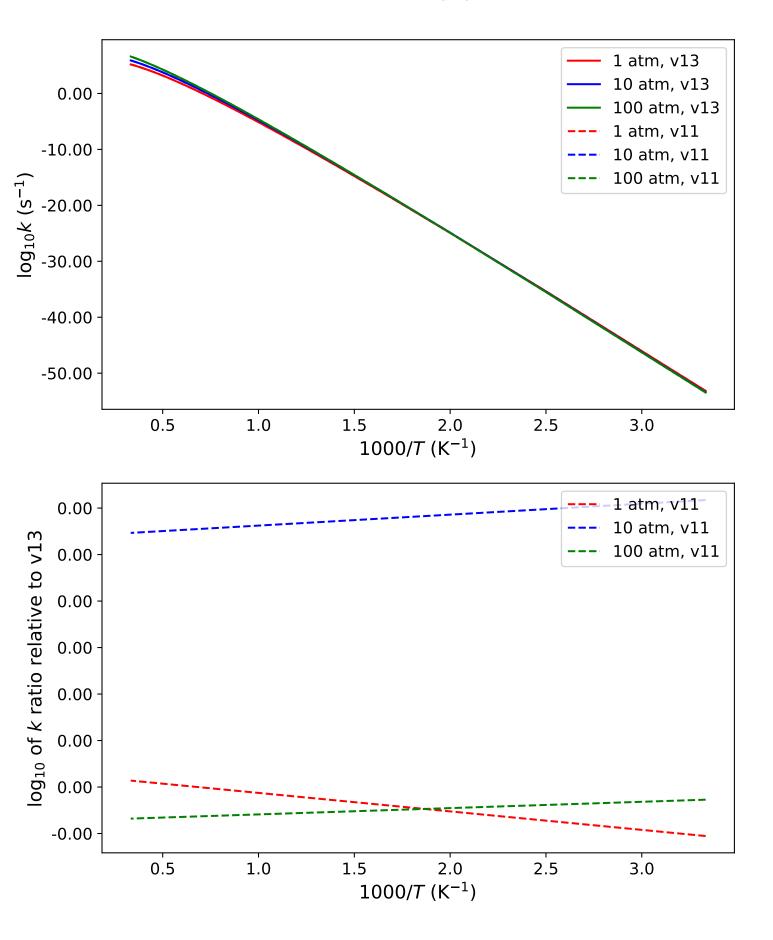
## CH3+CH2OH=C2H4+H2O



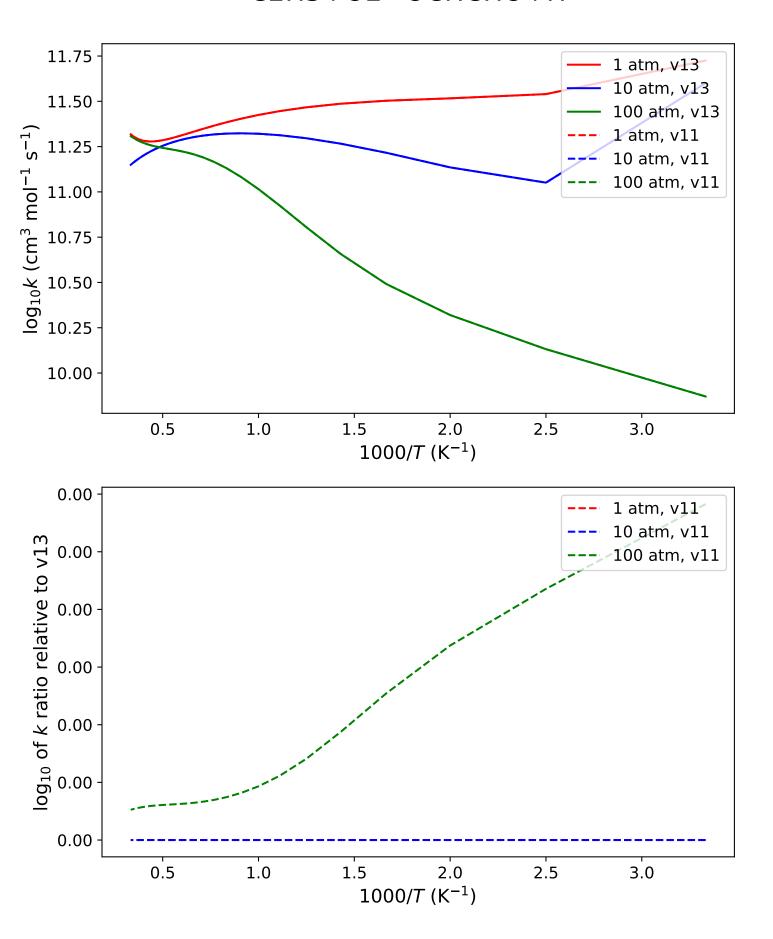
## CH2CHO+H=CH3+HCO



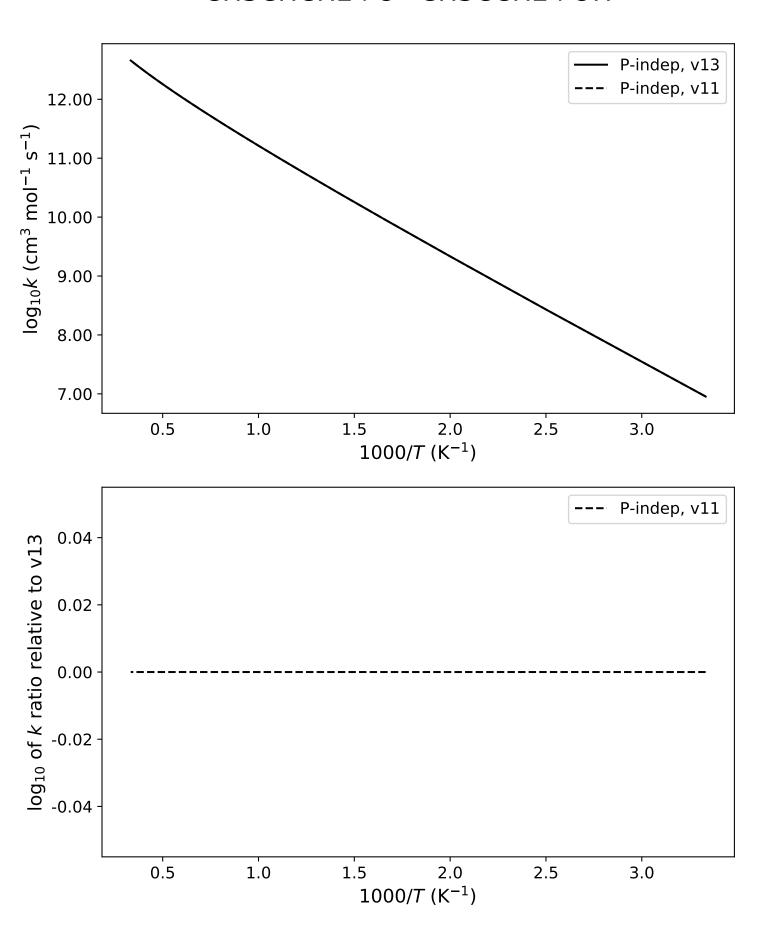
## CH3OH=CH2(S)+H2O



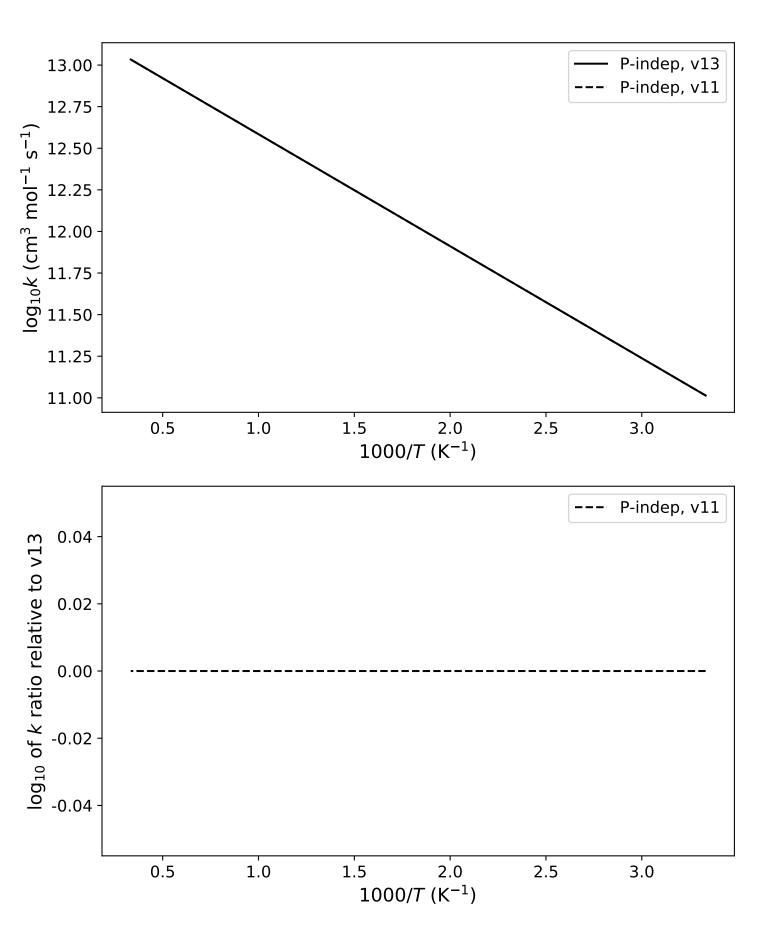
#### C2H3+O2=OCHCHO+H



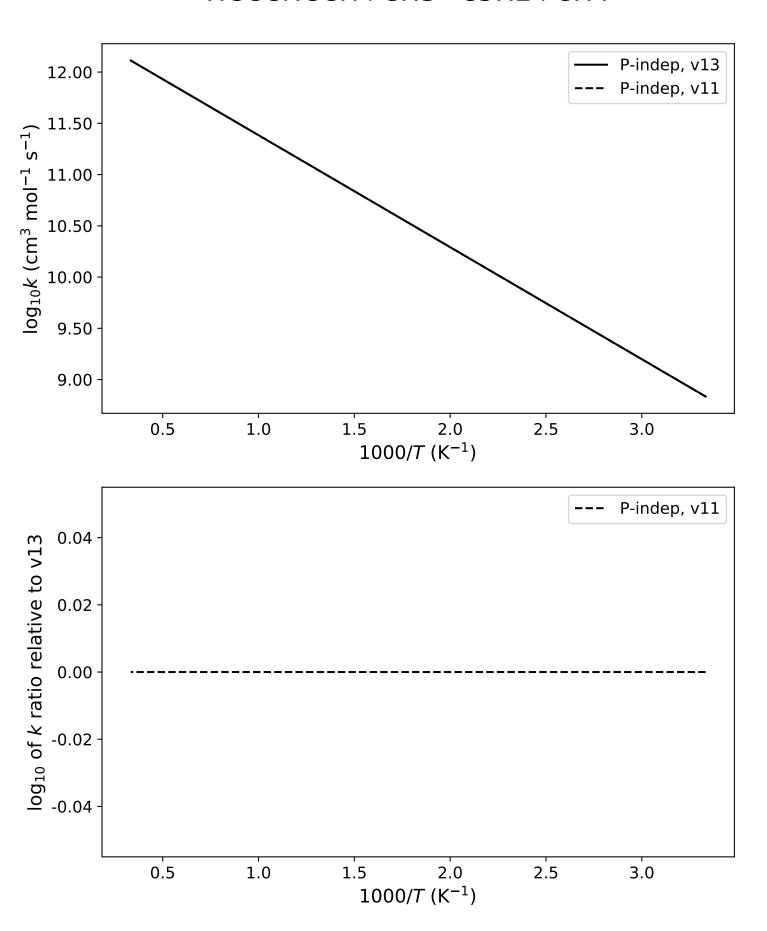
## CH3CHCH2+O=CH3CCH2+OH



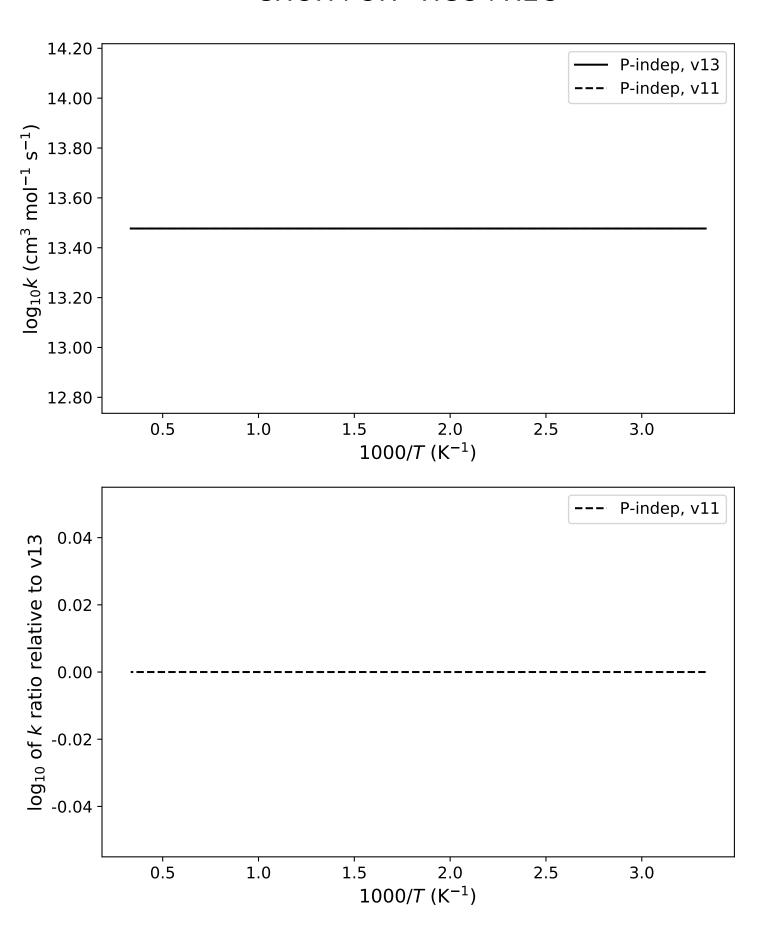
## C5H6+O=C5H5+OH



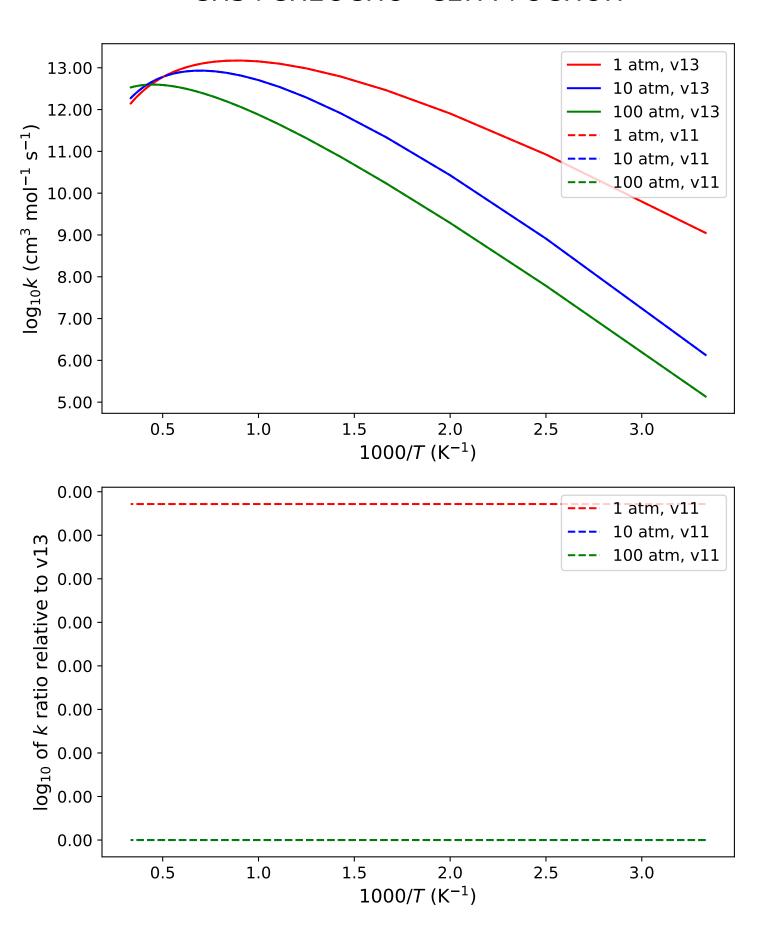
## HCCCHCCH+CH3=C5H2+CH4



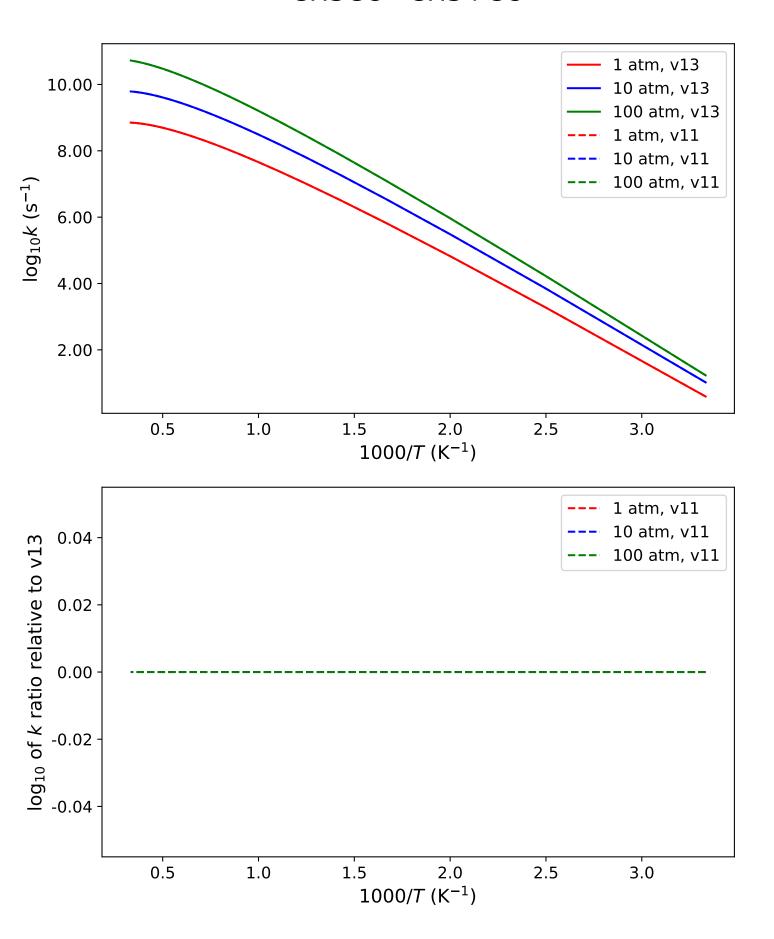
## CHOH+OH=HCO+H2O



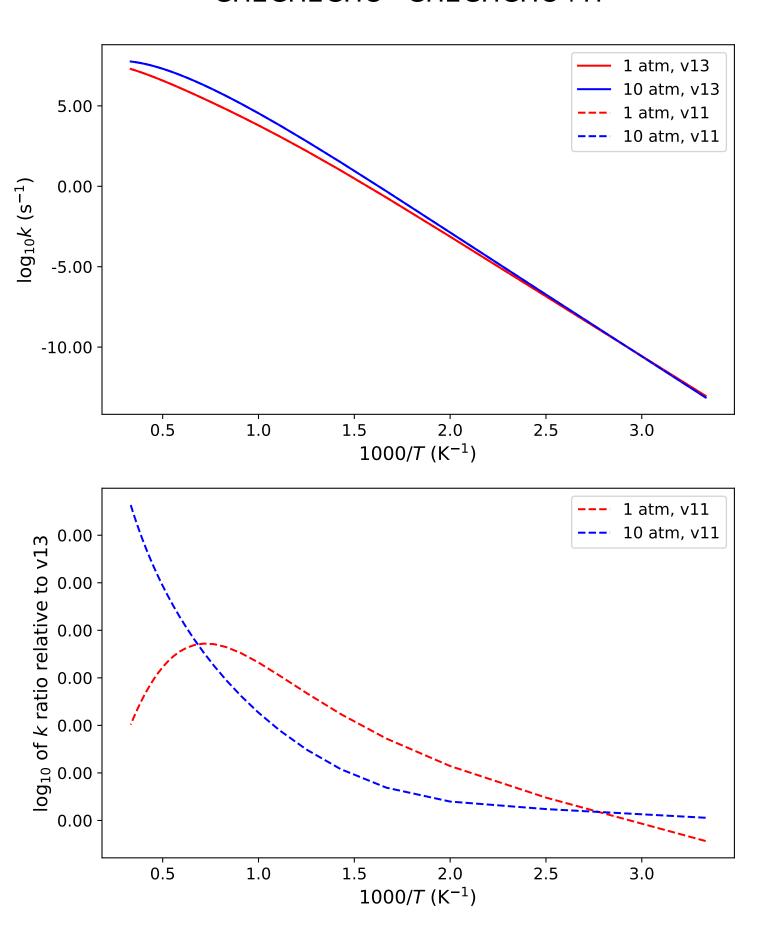
## CH3+CH2OCHO=C2H4+OCHOH



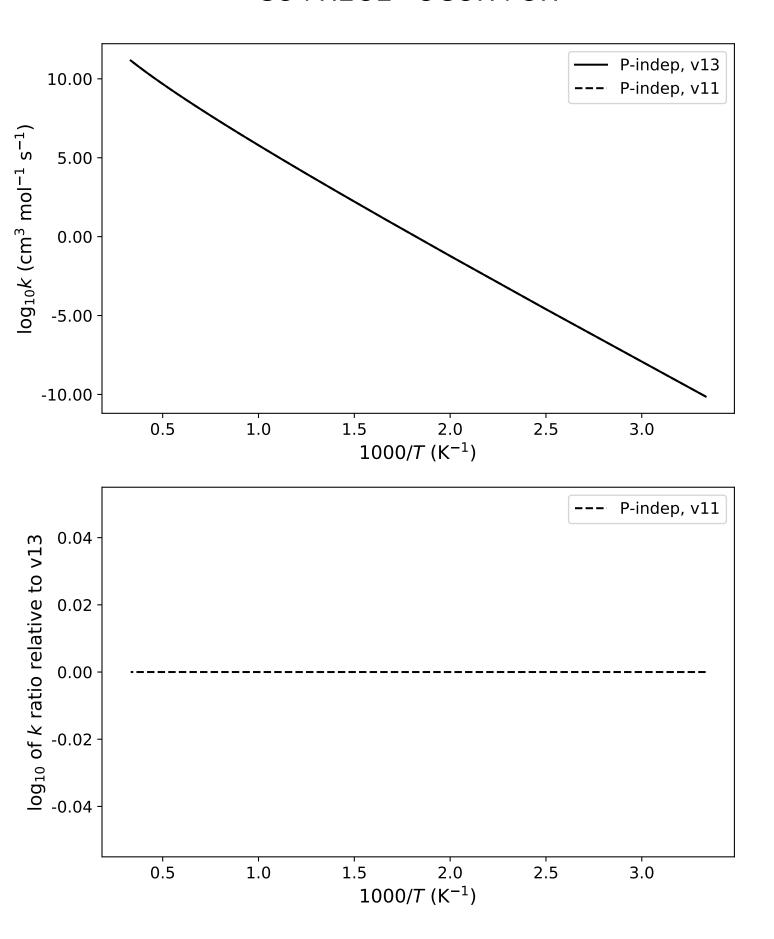
## CH3CO=CH3+CO



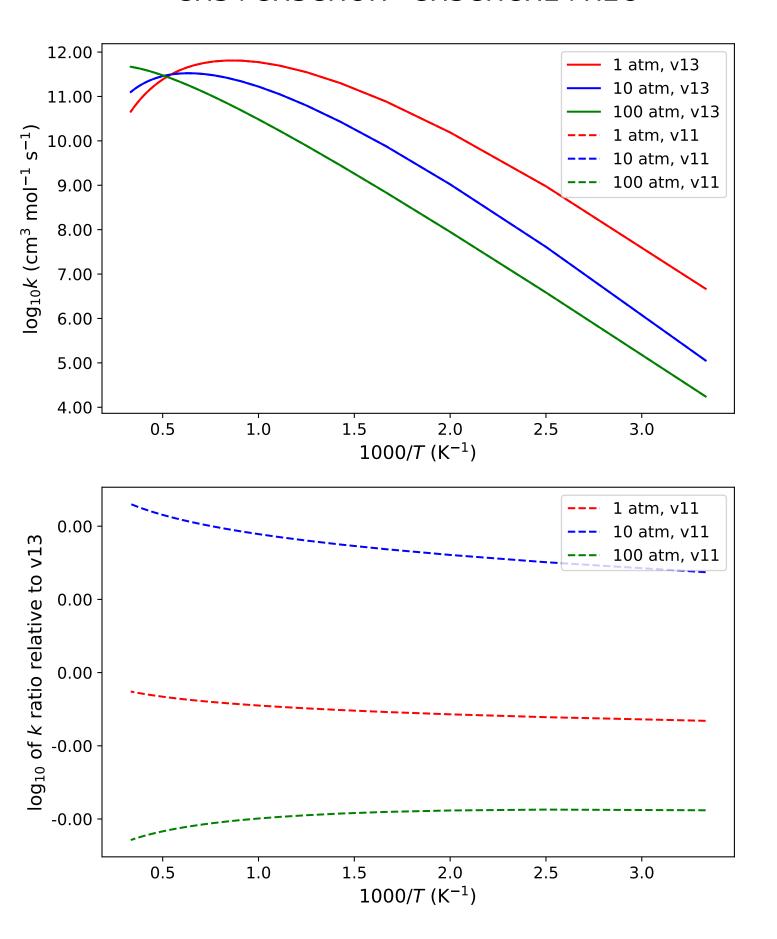
## CH2CH2CH0=CH2CHCHO+H



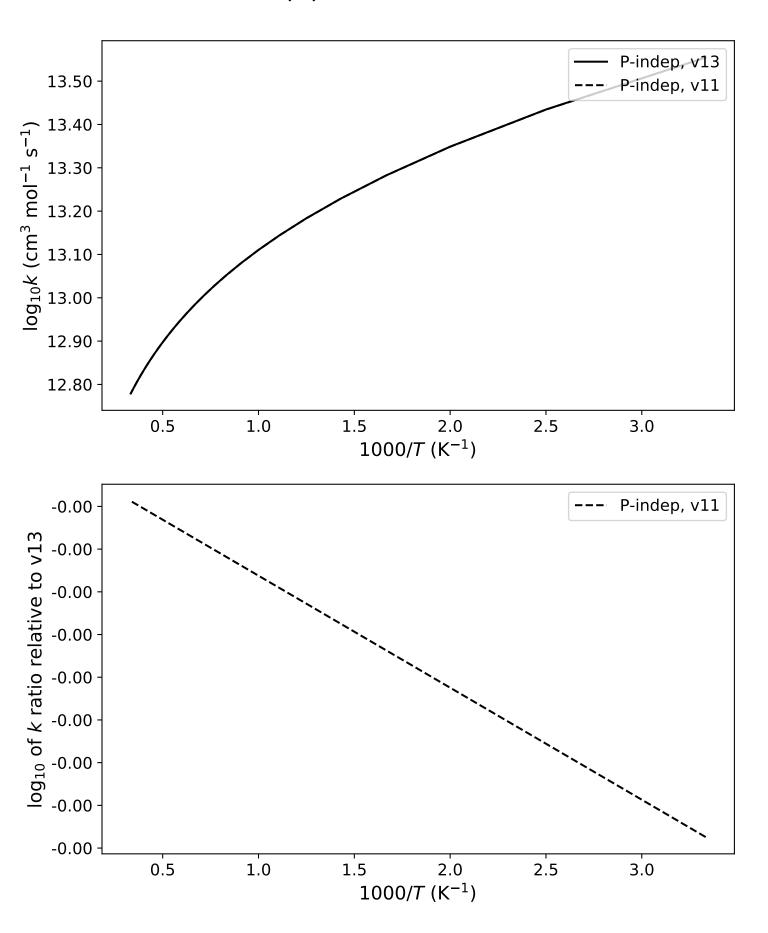
## CO+H2O2=OCOH+OH



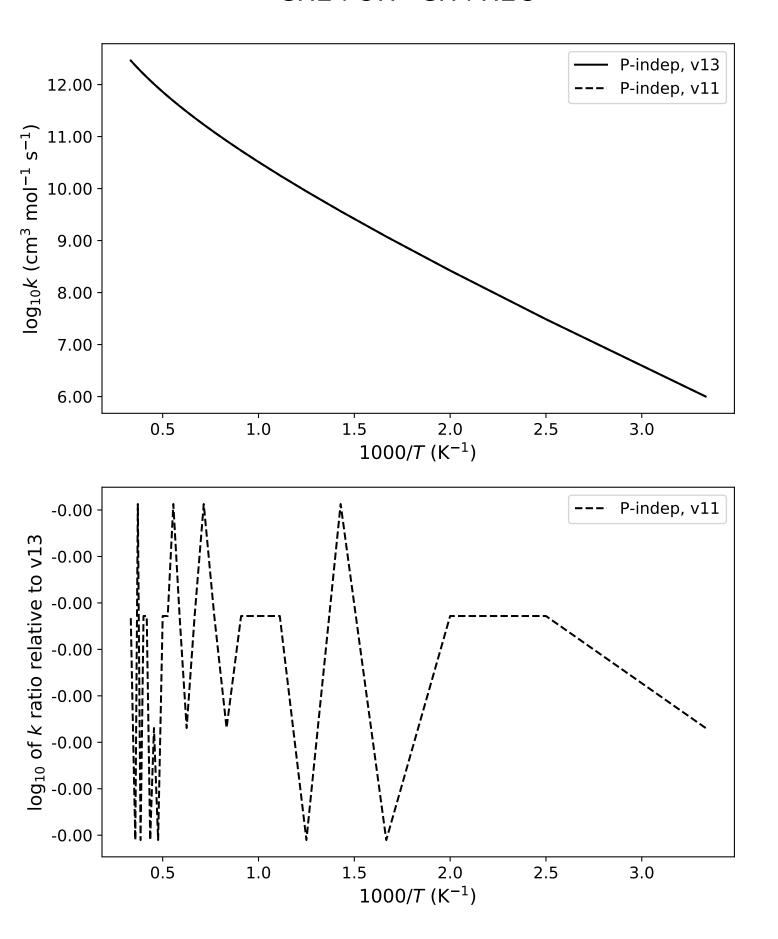
#### CH3+CH3CHOH=CH3CHCH2+H2O



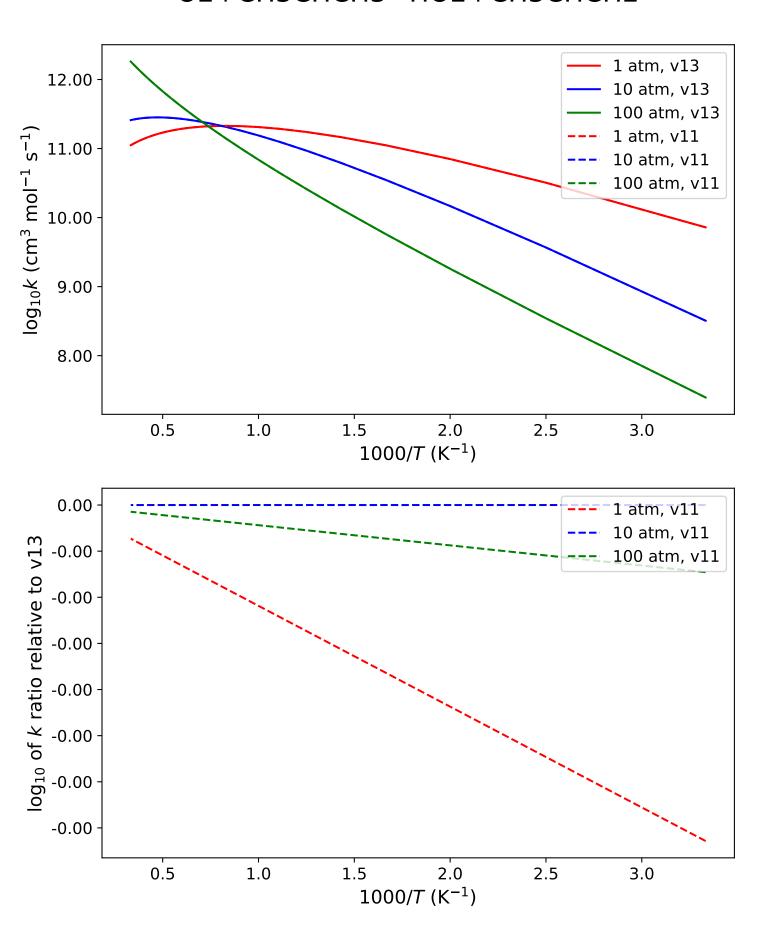
# CH2(S)+C2H2=CH2+C2H2



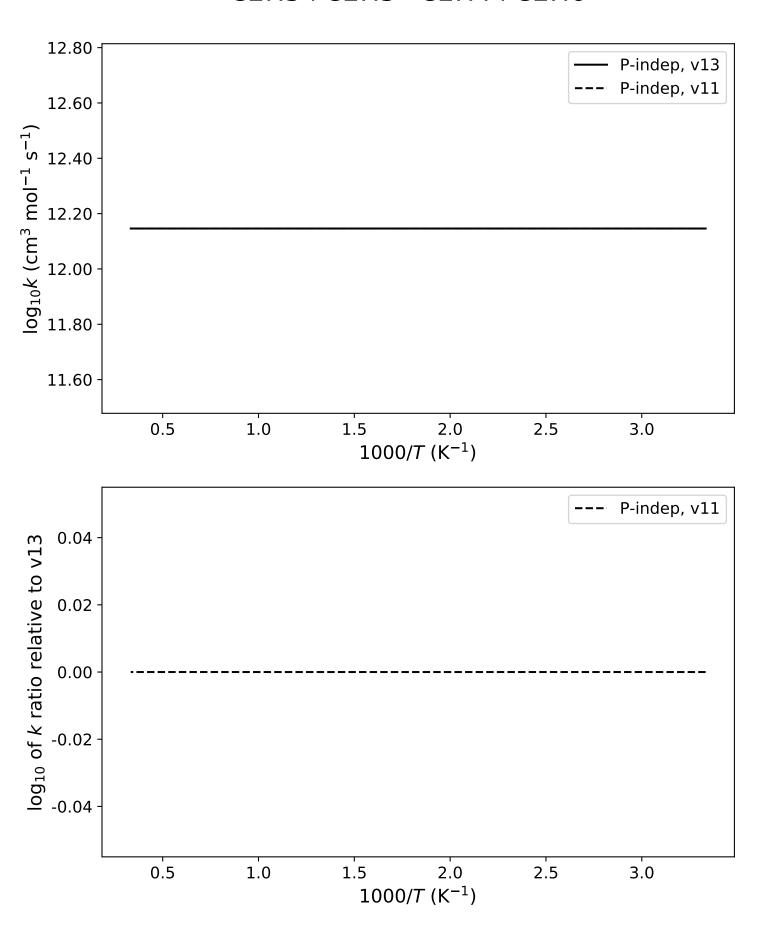
## CH2+OH=CH+H2O



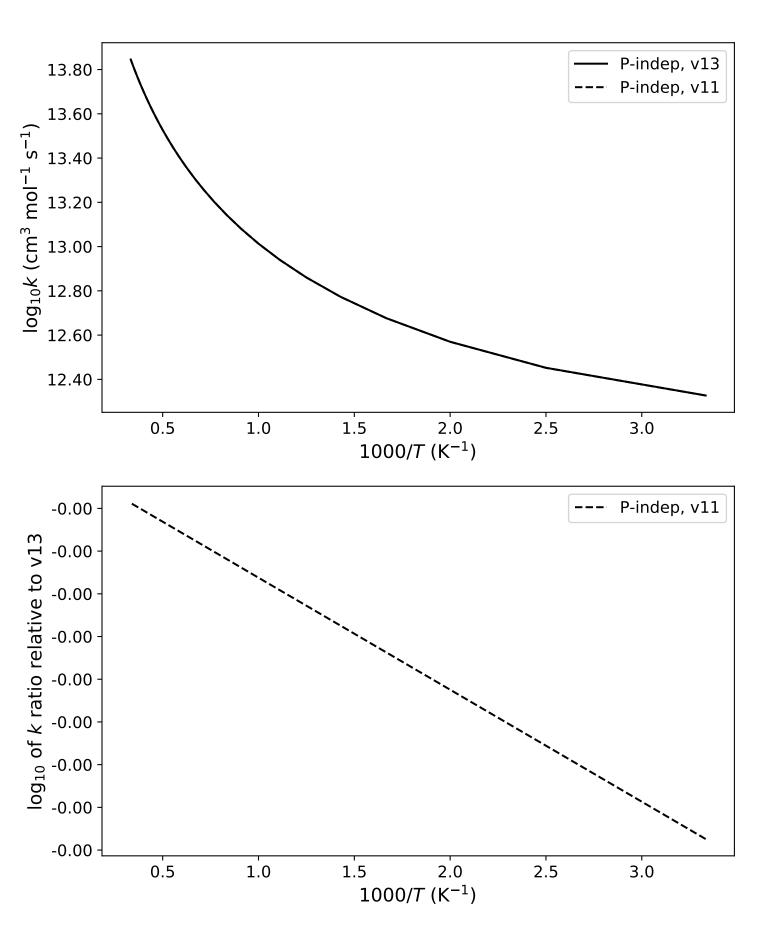
#### O2+CH3CHCH3=HO2+CH3CHCH2



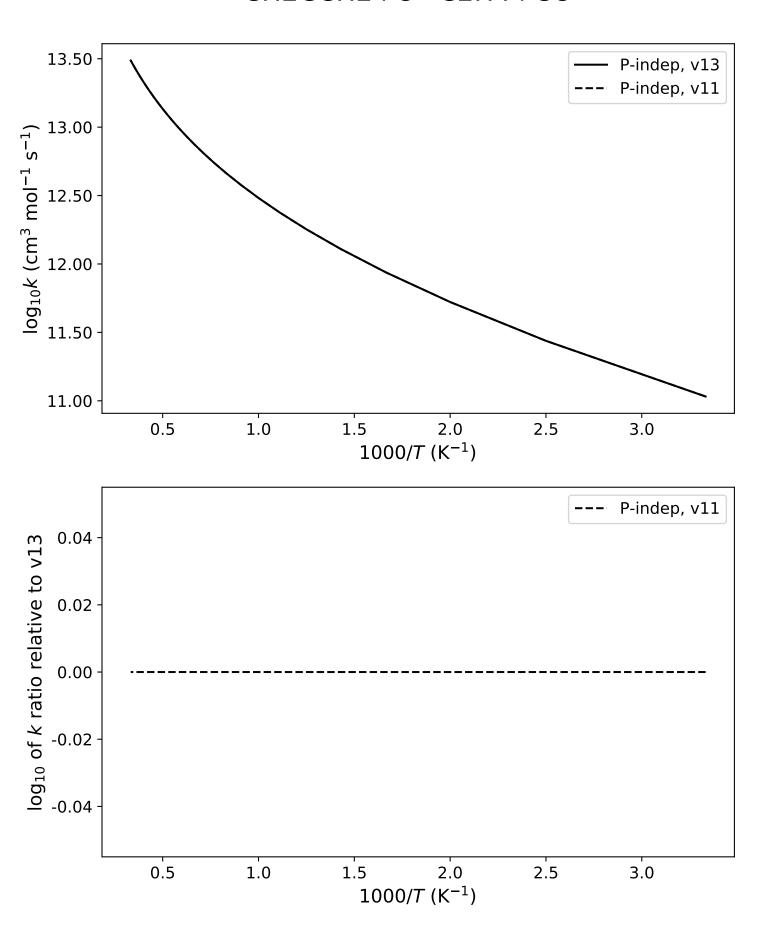
## C2H5+C2H5=C2H4+C2H6



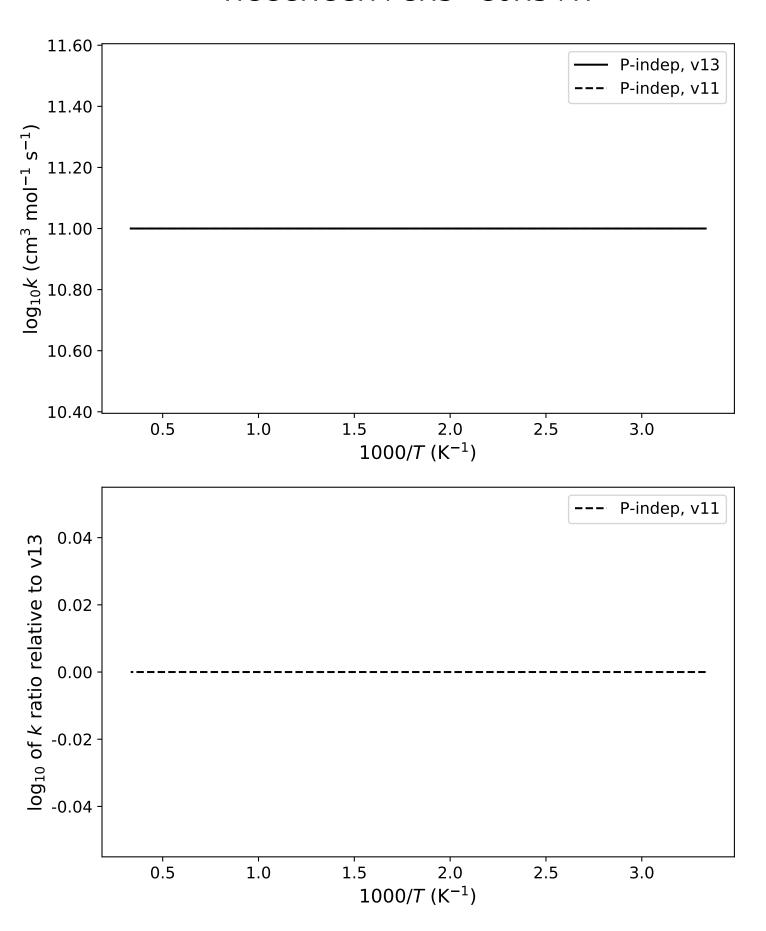
## HO2+H=H2+O2



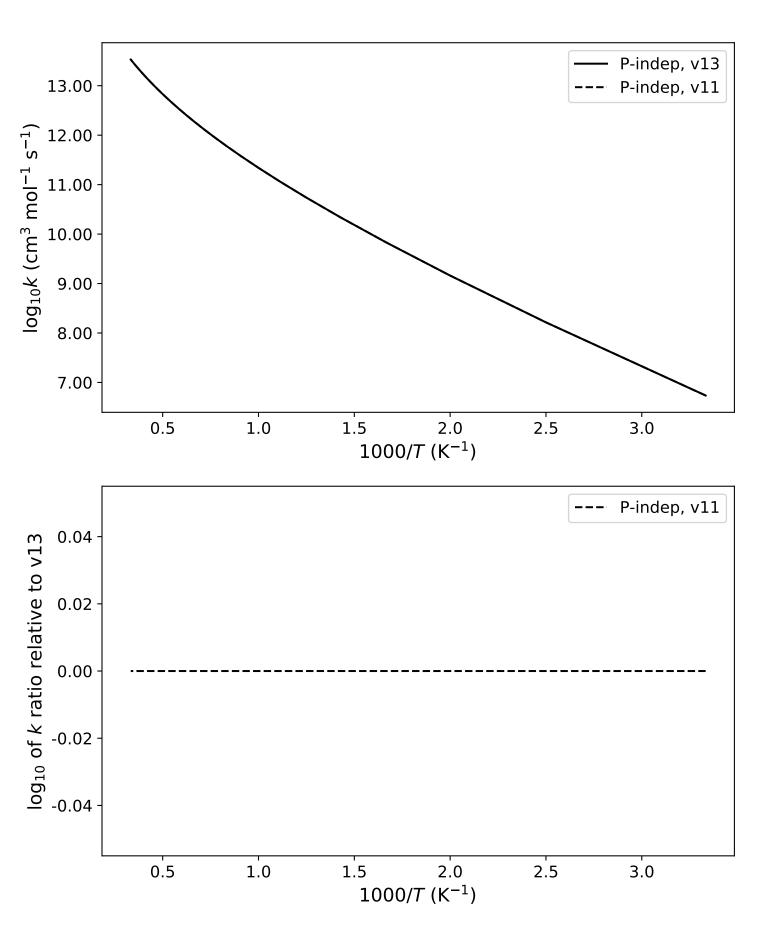
## CH2CCH2+O=C2H4+CO



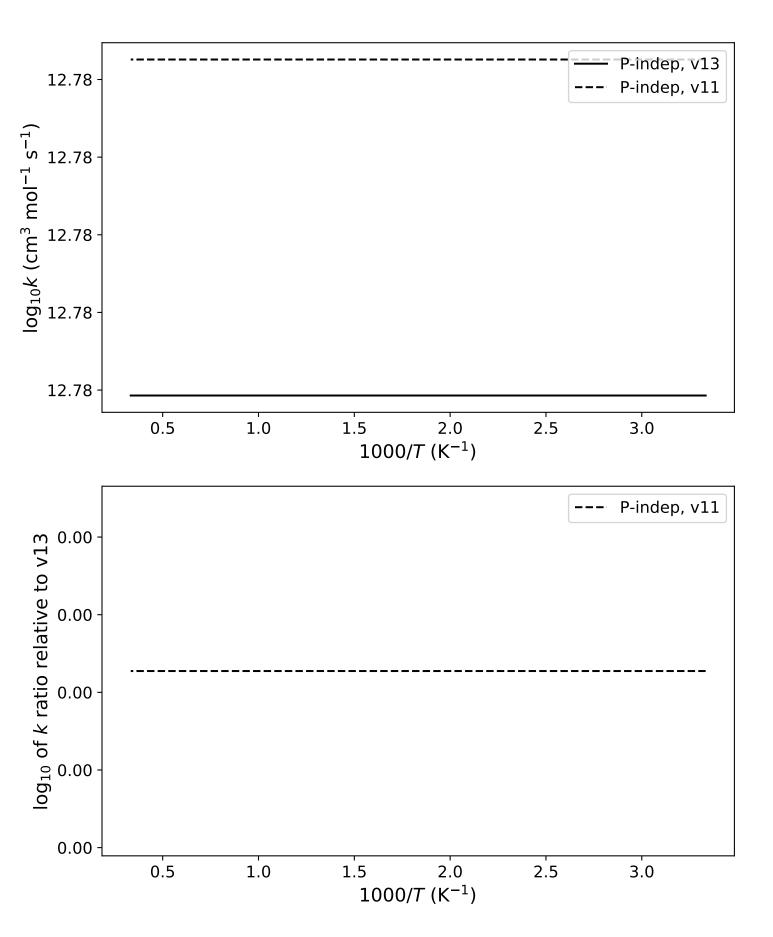
## HCCCHCCH+CH3=C6H5+H



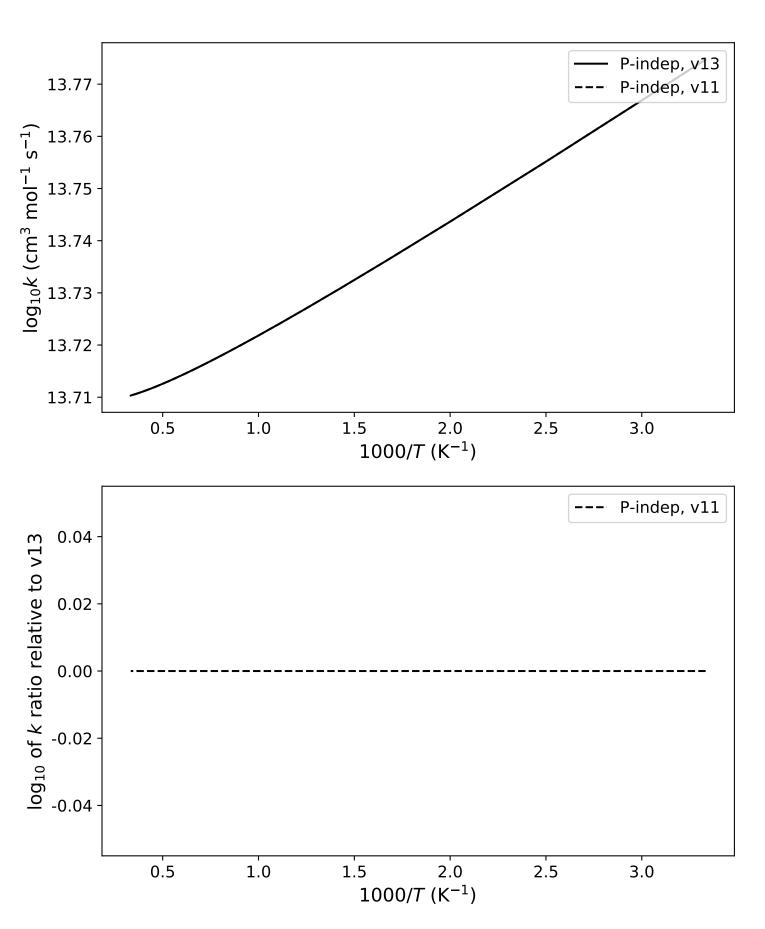
## O+H2=OH+H



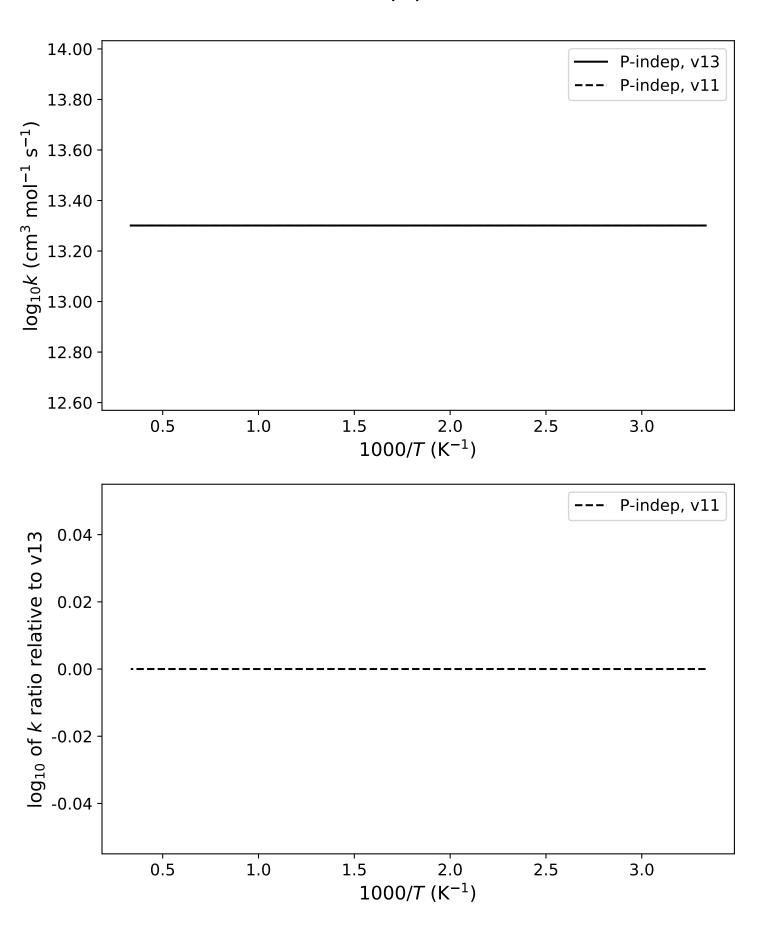
## CH3O+O=CH2O+OH



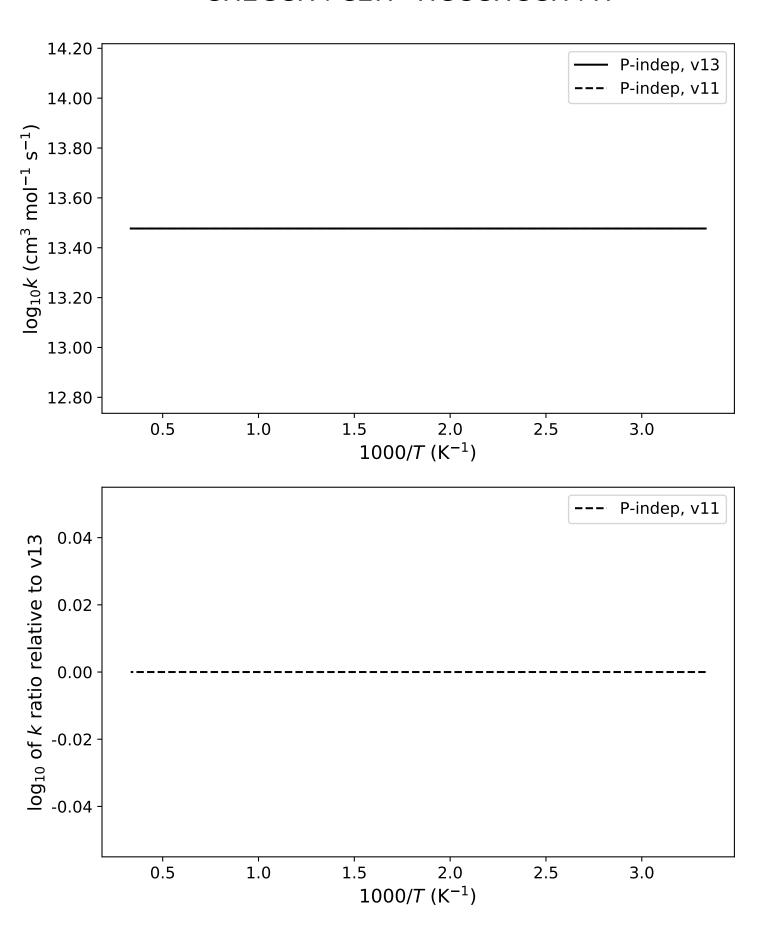
## HCO+OH=H2O+CO



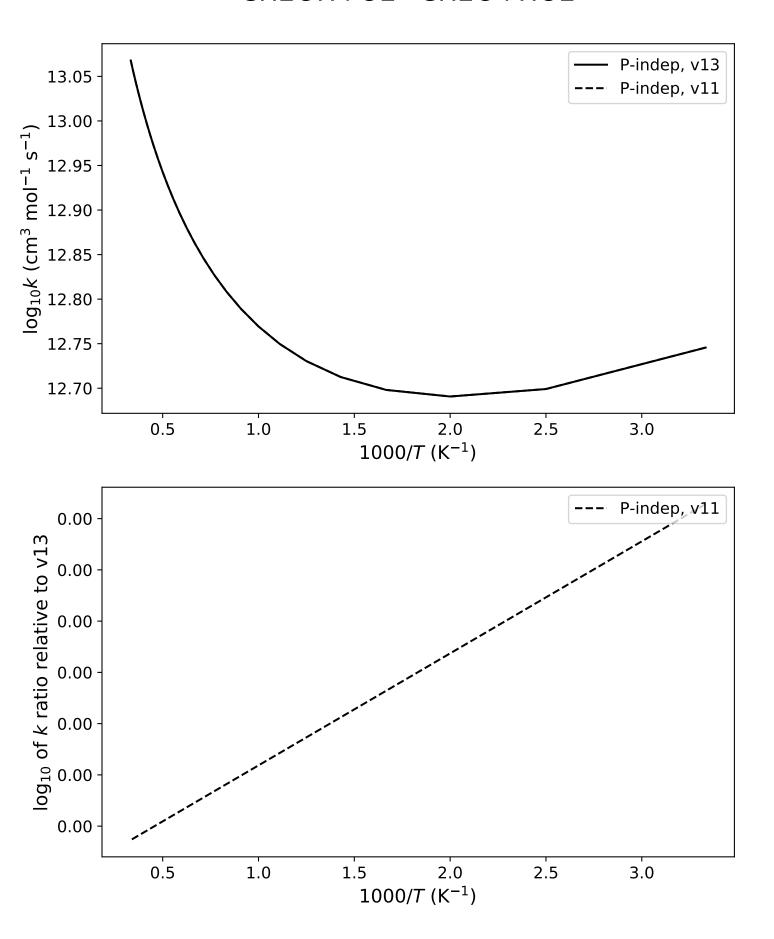
## CH2CCH2+CH2(S)=CH3CCCH2+H



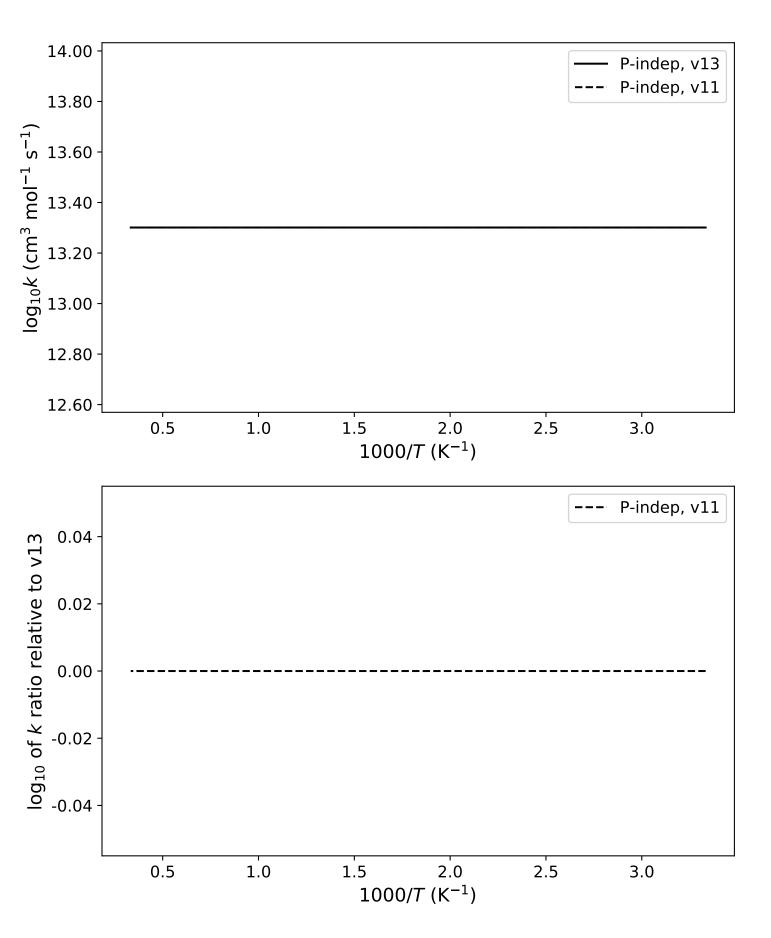
## CH2CCH+C2H=HCCCHCCH+H



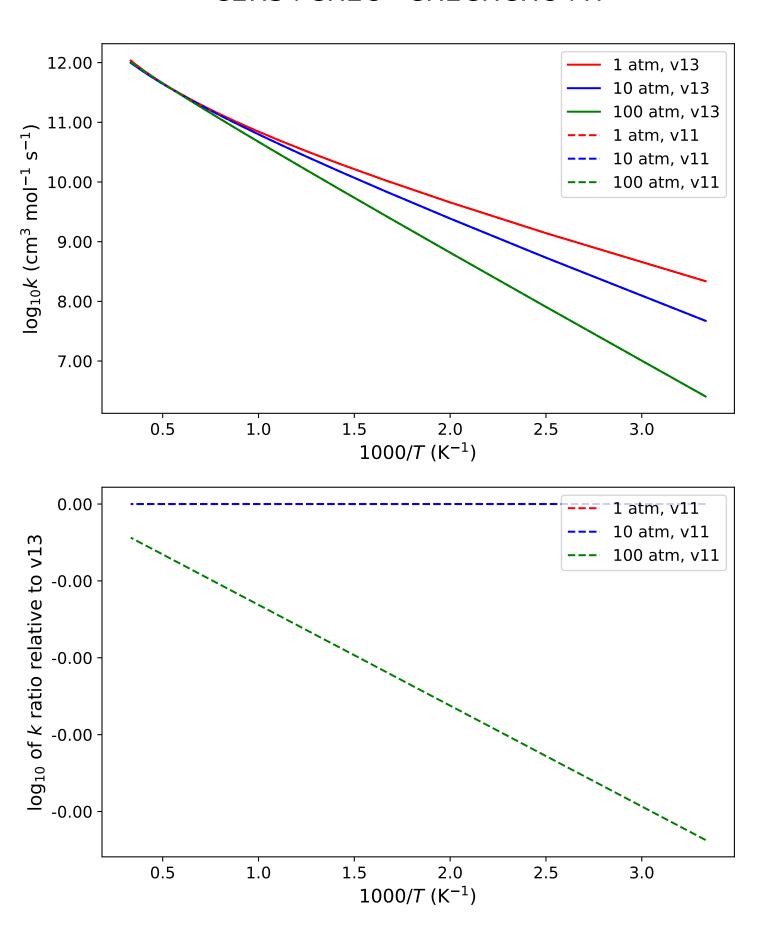
## CH2OH+O2=CH2O+HO2



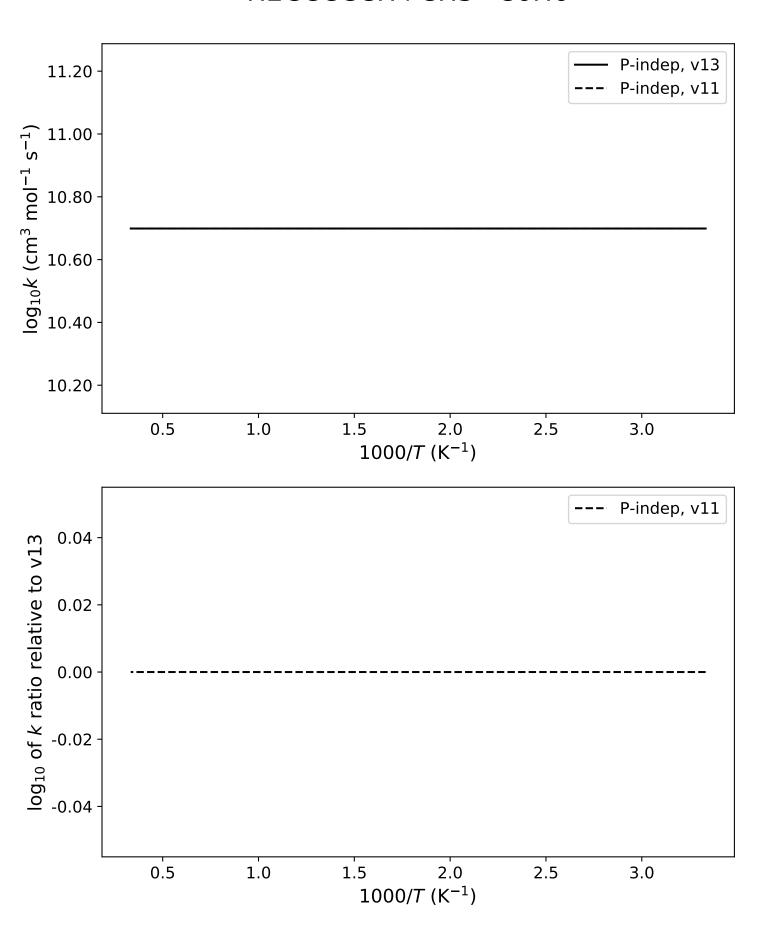
## CH2CCH+CH3=CH3CCCH2+H



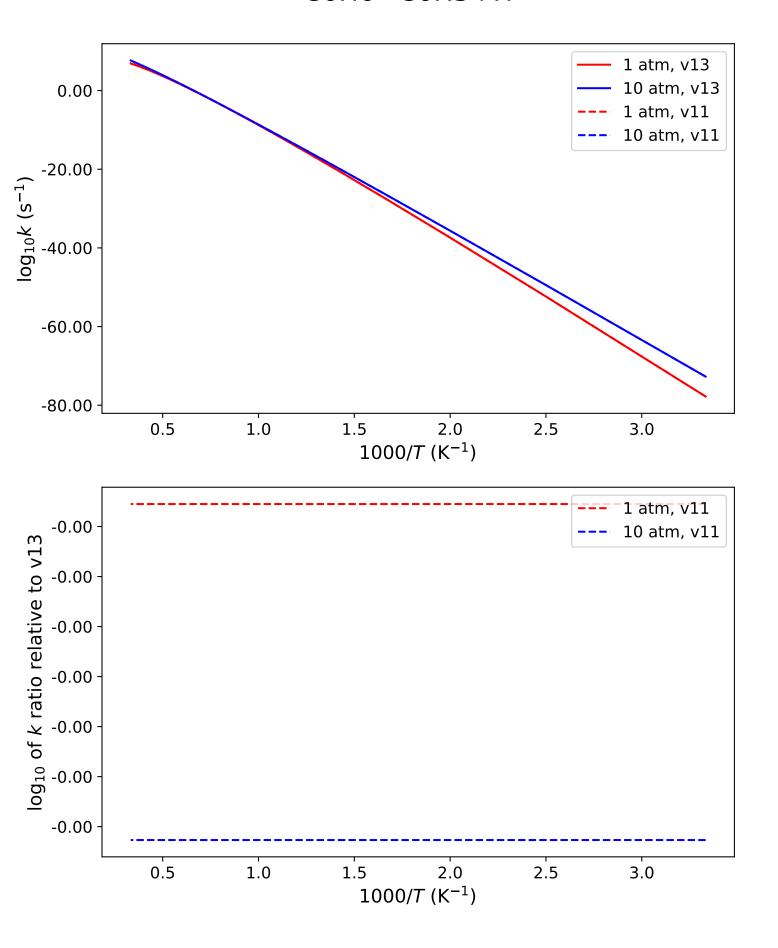
#### C2H3+CH2O=CH2CHCHO+H



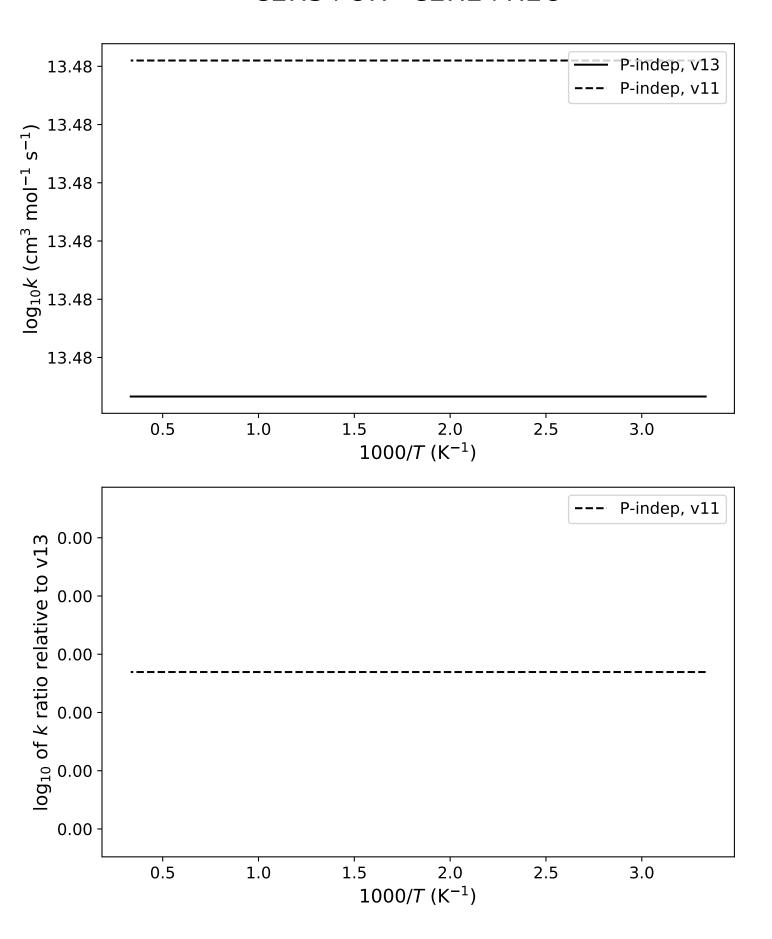
## H2CCCCCH+CH3=C6H6



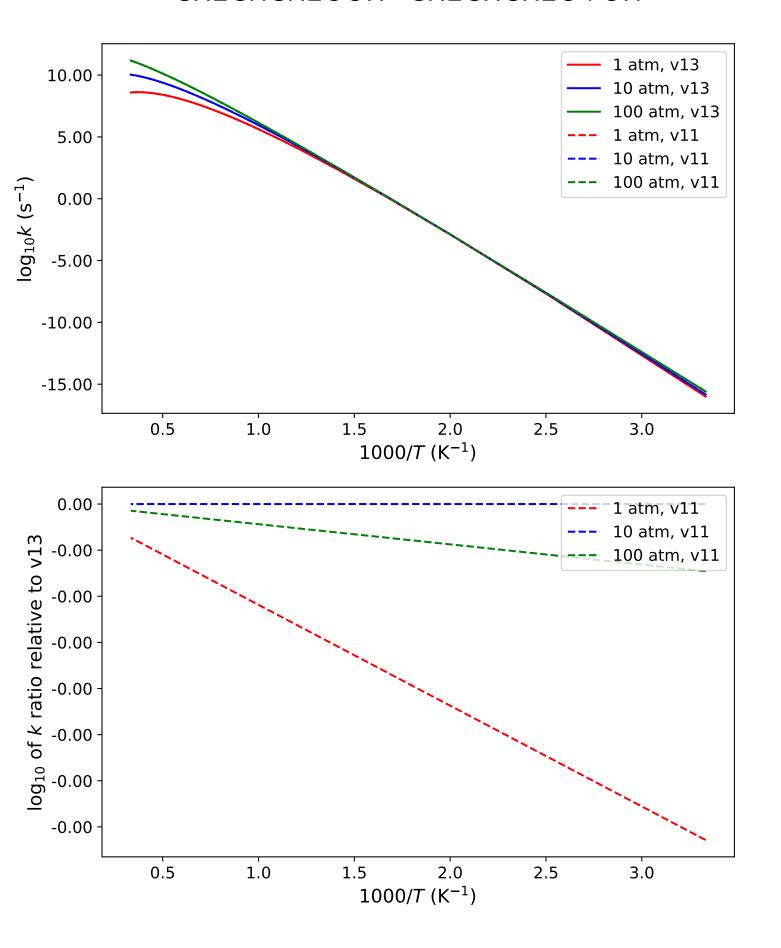
### C6H6=C6H5+H



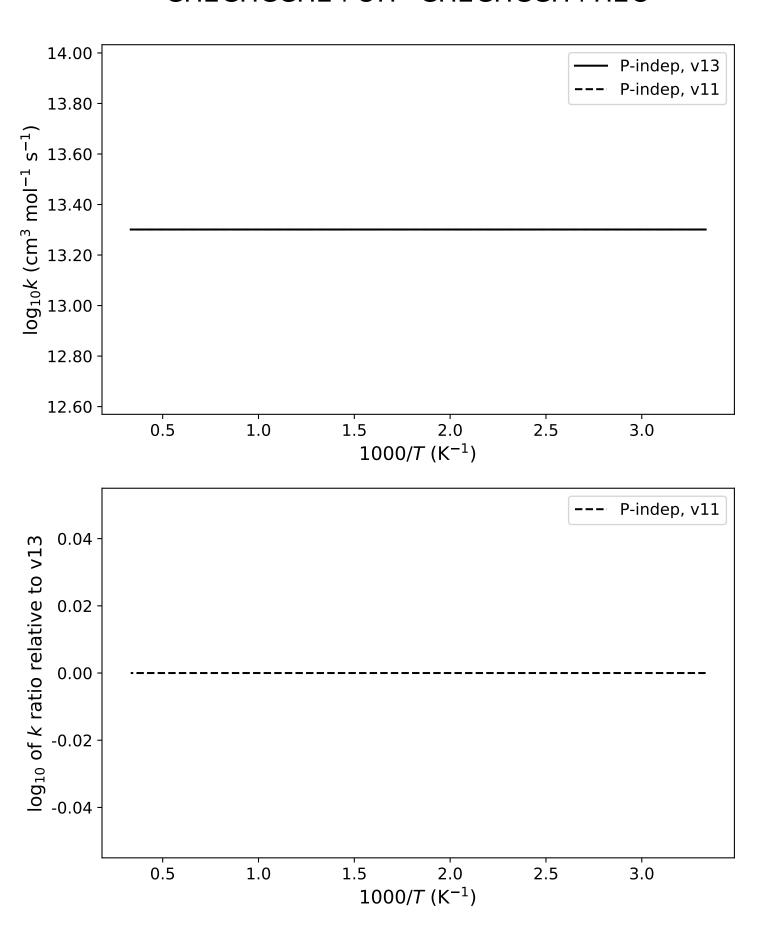
### C2H3+OH=C2H2+H2O



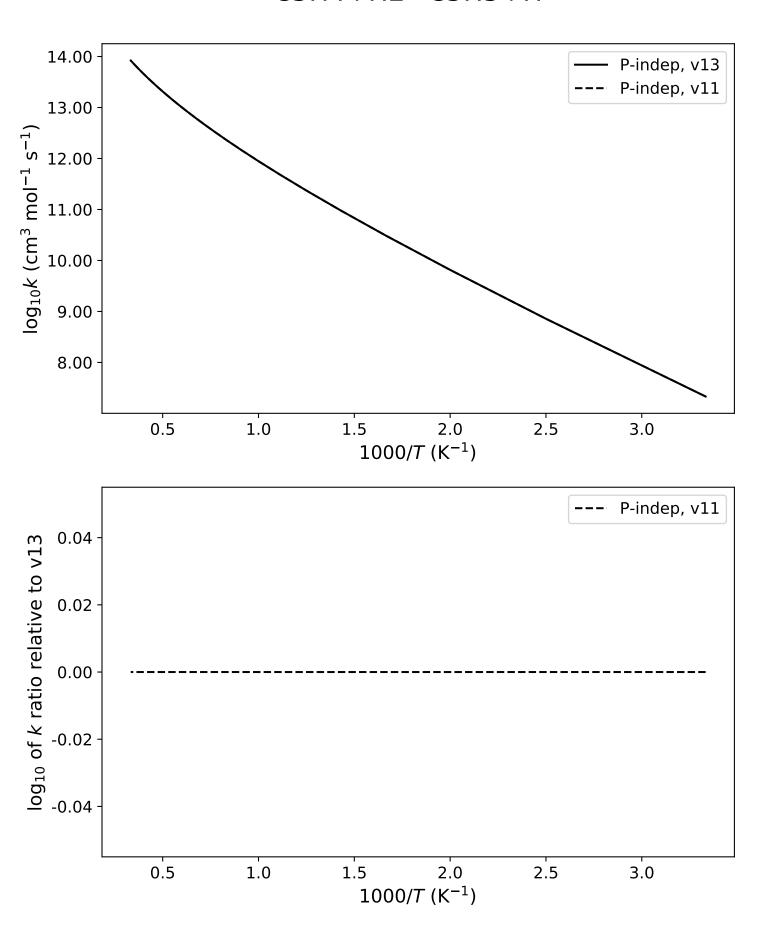
### CH2CHCH2OOH=CH2CHCH2O+OH



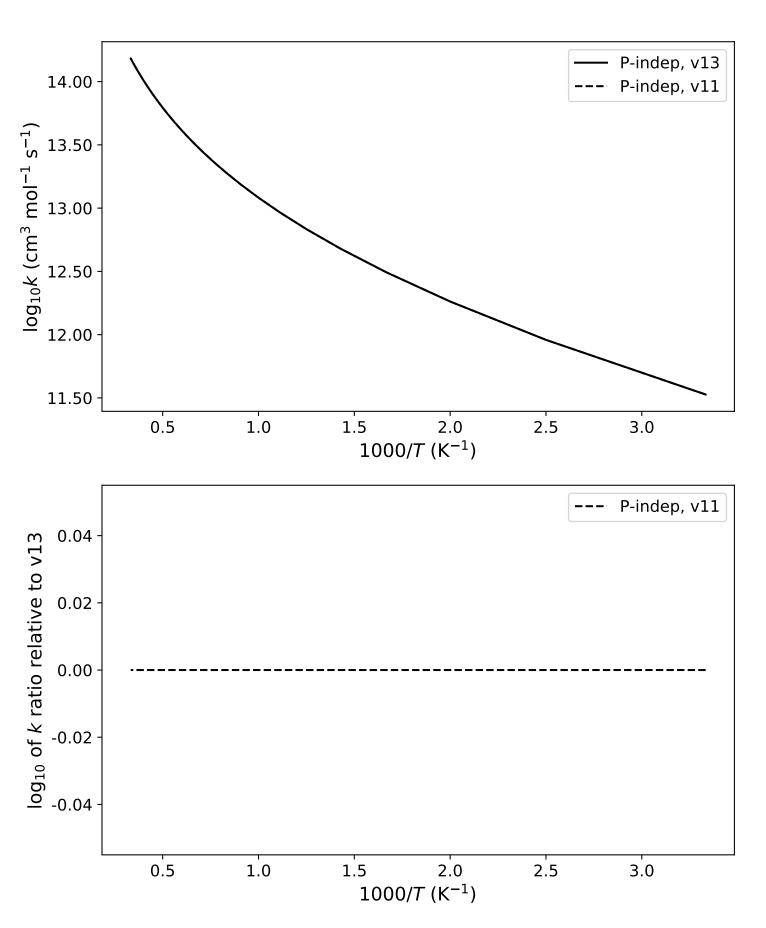
### CH2CHCCH2+OH=CH2CHCCH+H2O



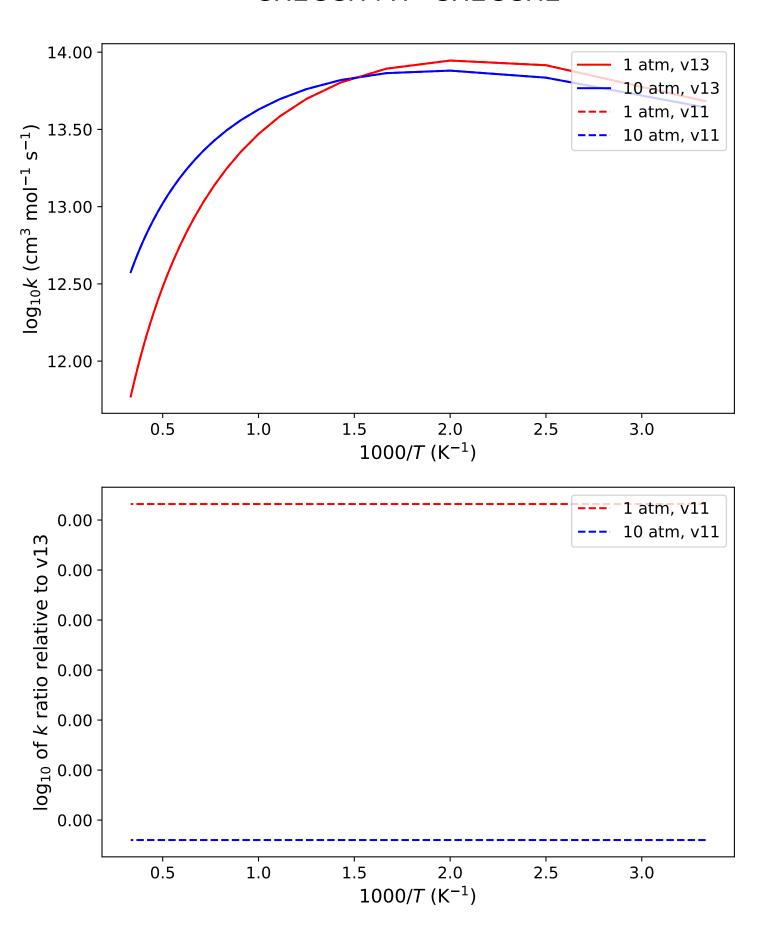
### C5H4+H2=C5H5+H



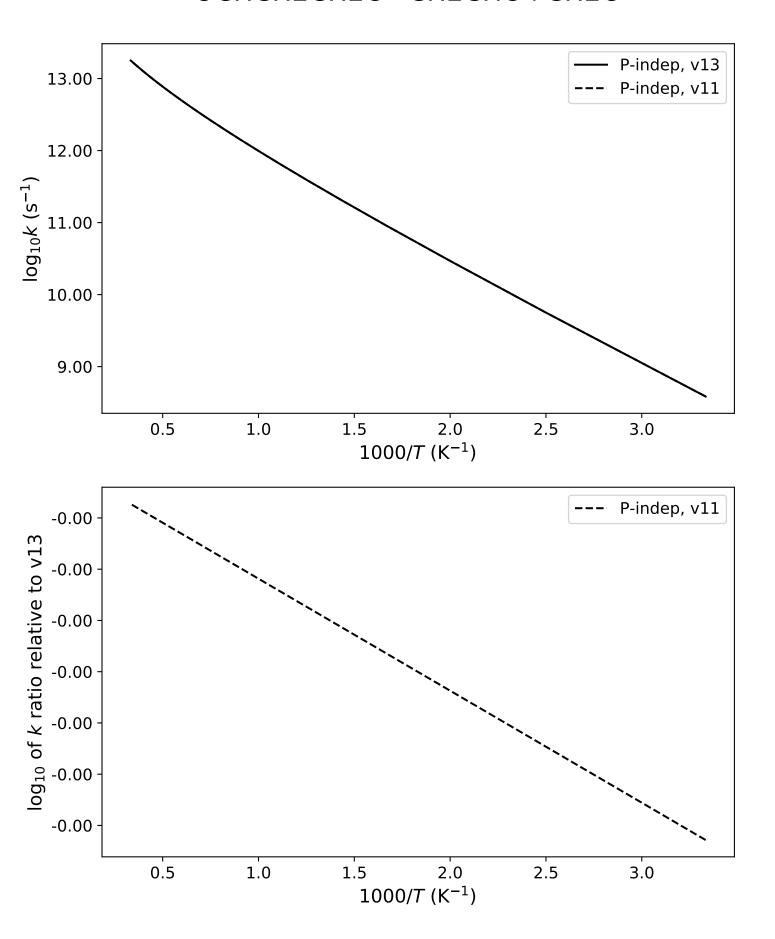
### H+C6H5=C6H4+H2



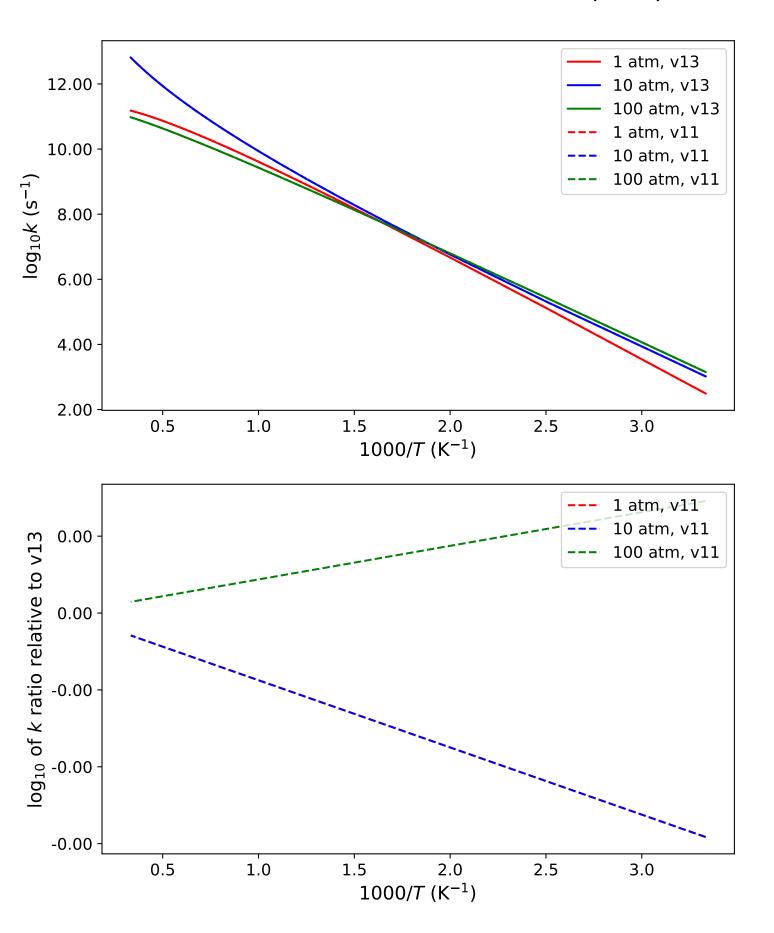
# CH2CCH+H=CH2CCH2



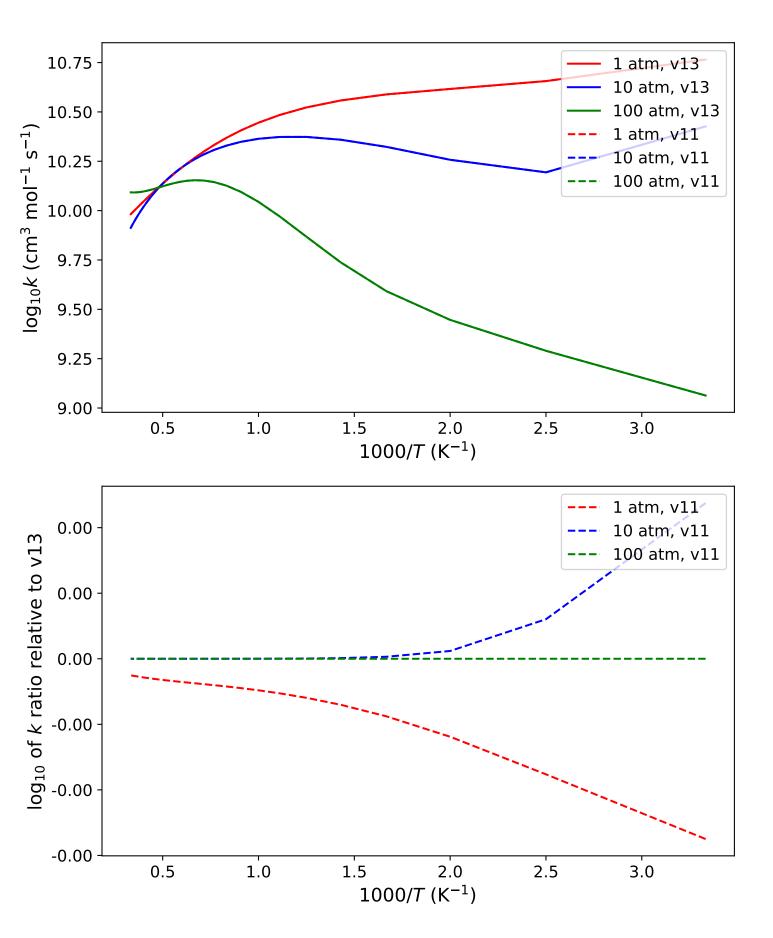
# OCHCH2CH2O=CH2CHO+CH2O



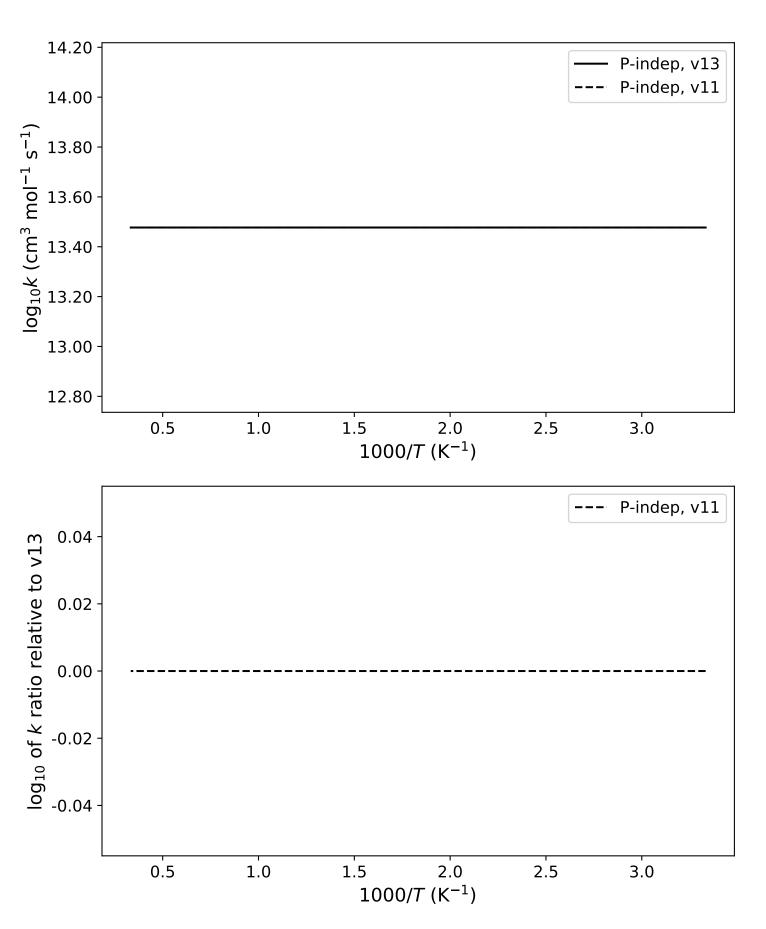
# CH3CHCH2OOH=OH+c-CH2OCH(CH3)



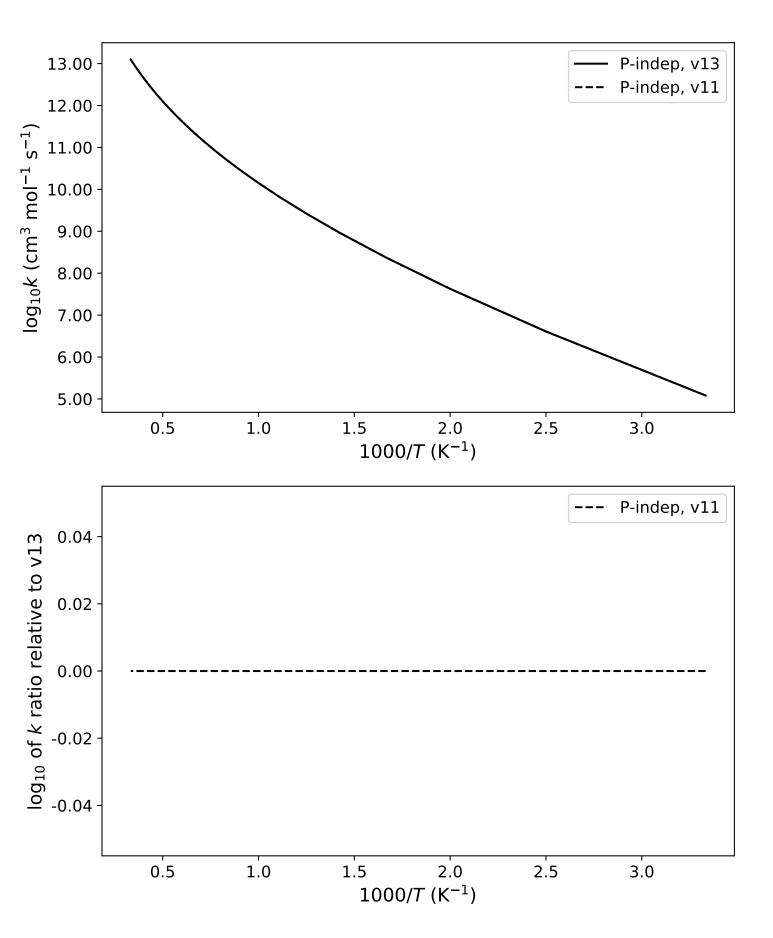
### C2H3+O2=CO+CH3O



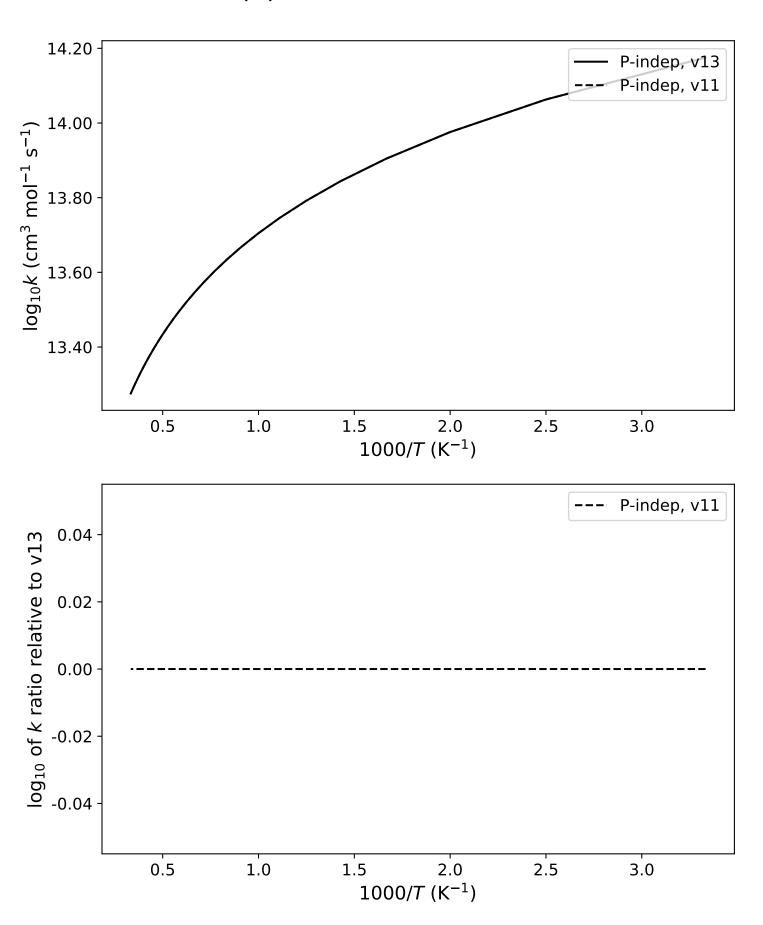
### CH+CH3=C2H3+H



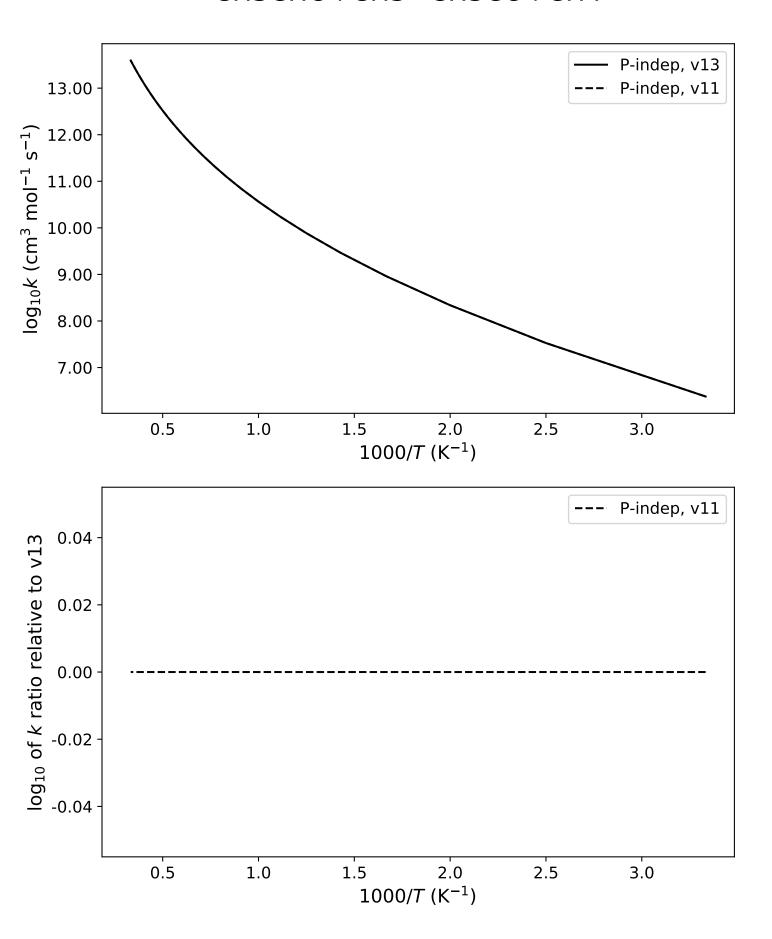
### C6H5+CH4=CH3+C6H6



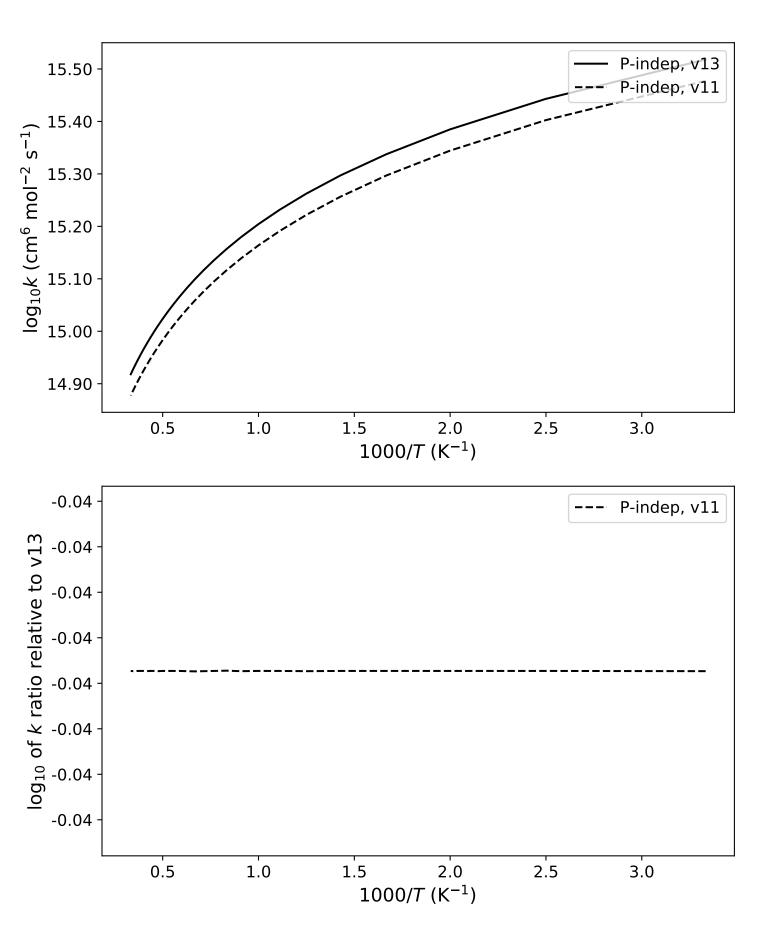
# CH2(S)+CHCCCH=HCCCHCCH+H



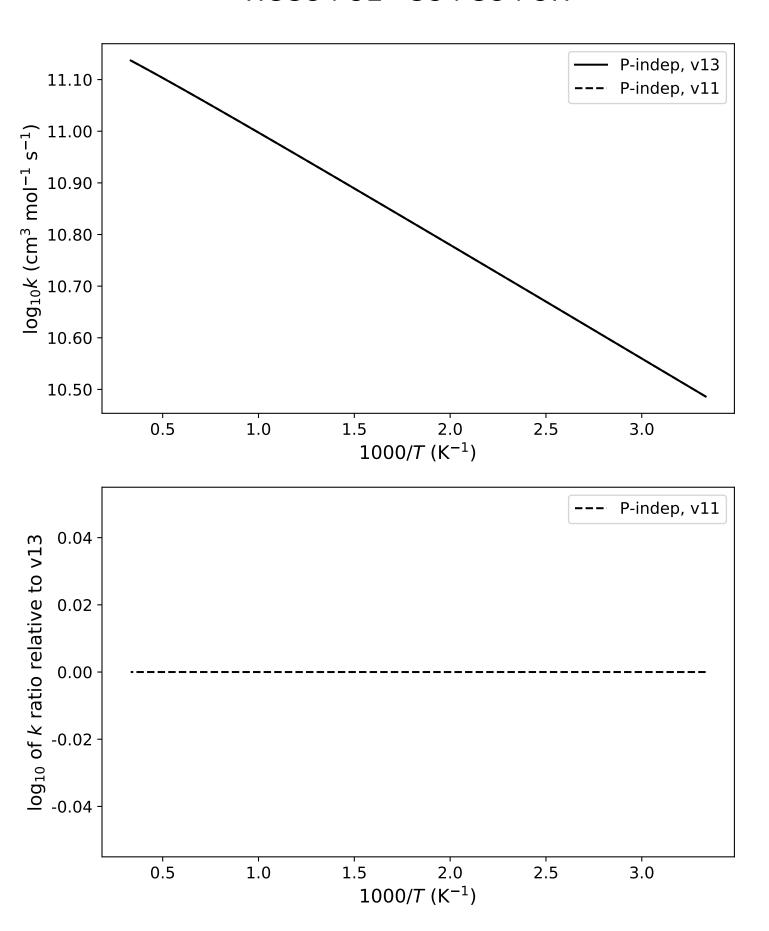
### CH3CHO+CH3=CH3CO+CH4



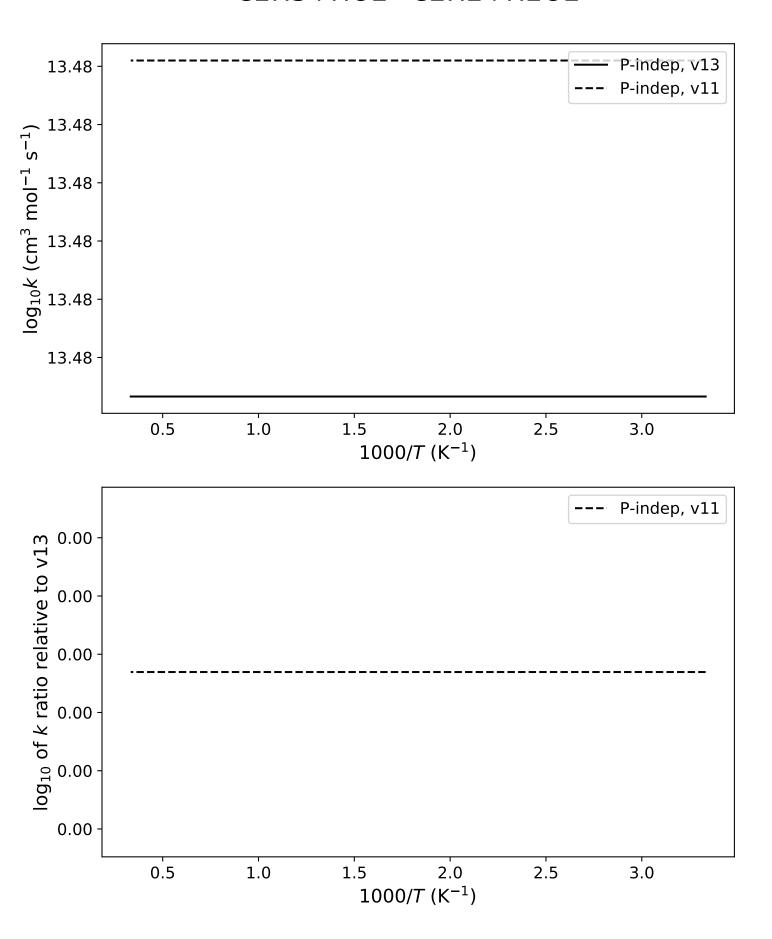
### H+H+H2=H2+H2



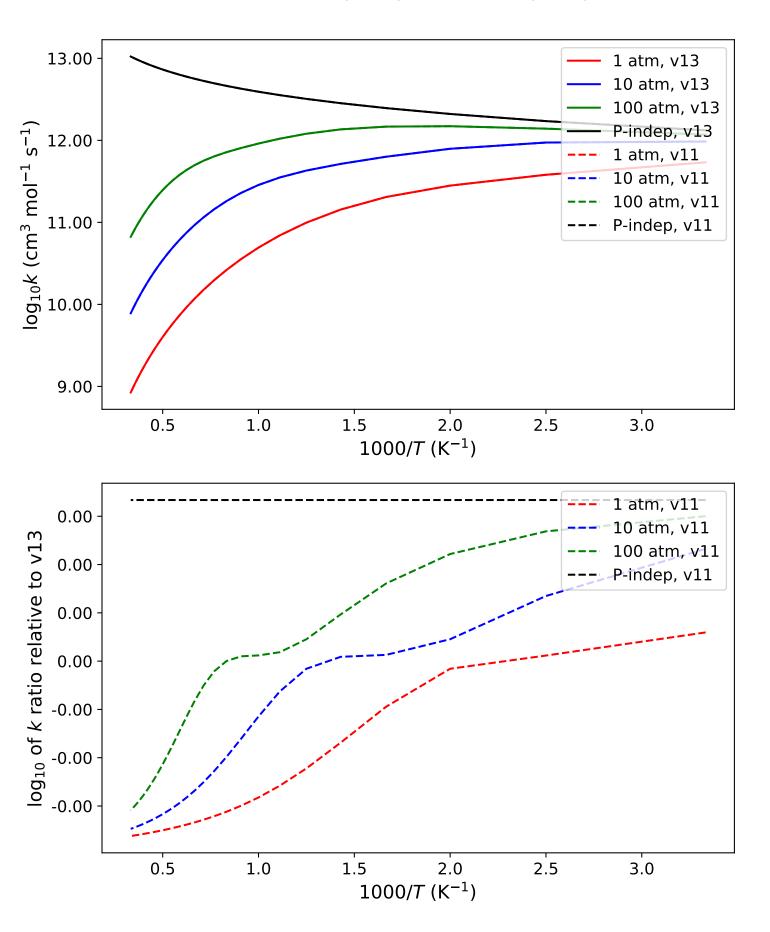
# HCCO+O2=CO+CO+OH



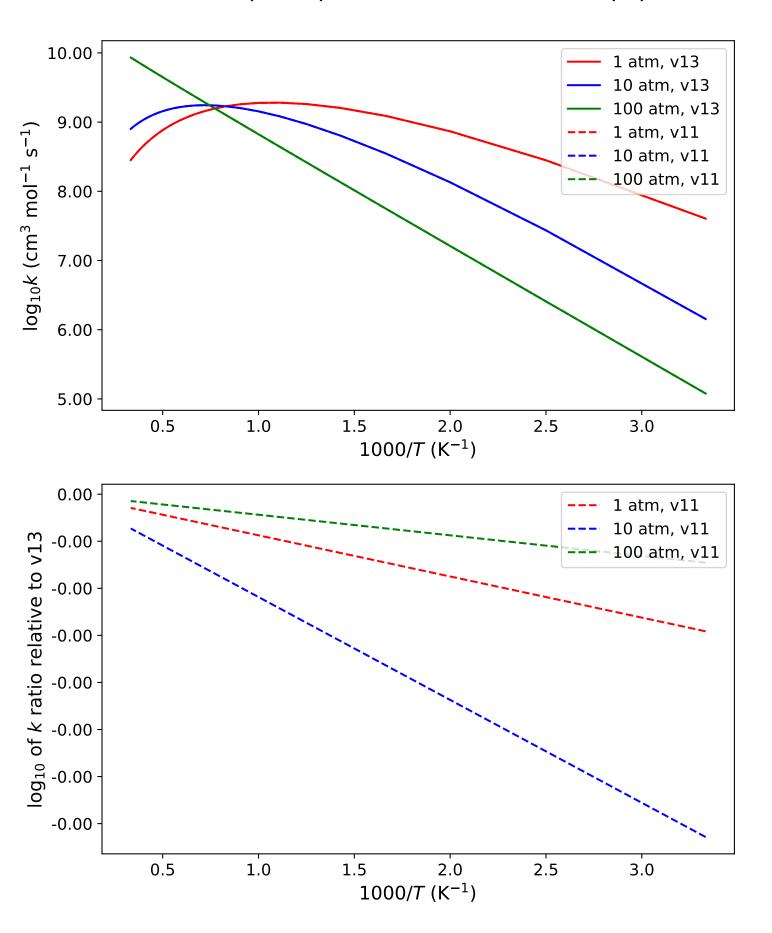
### C2H3+HO2=C2H2+H2O2



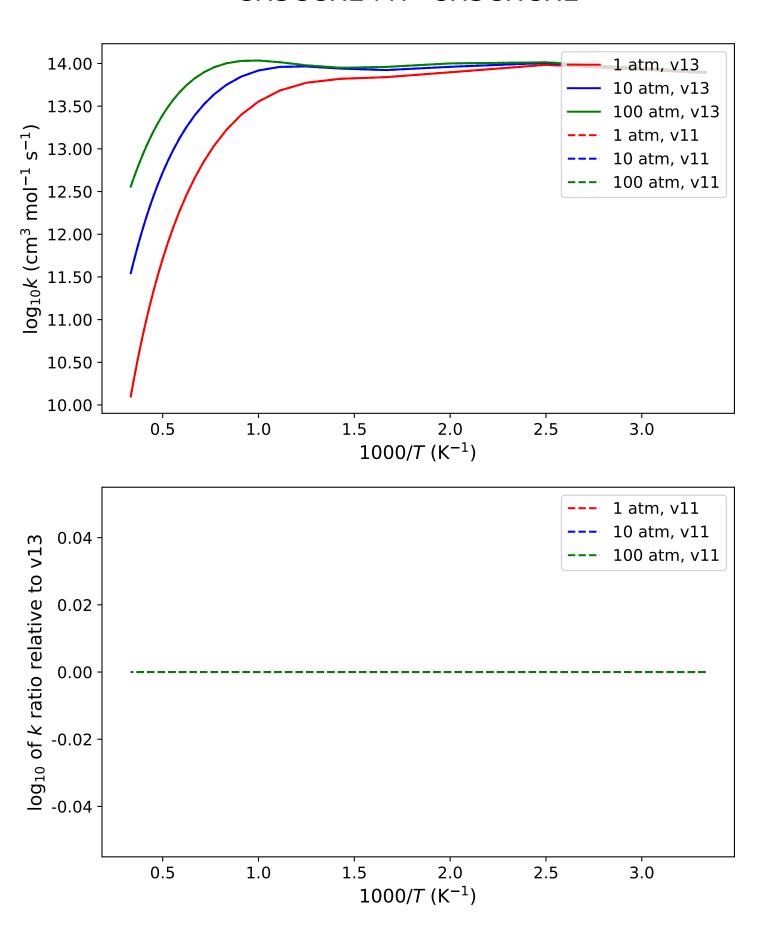
### CH3+O2(+M)=CH3OO(+M)



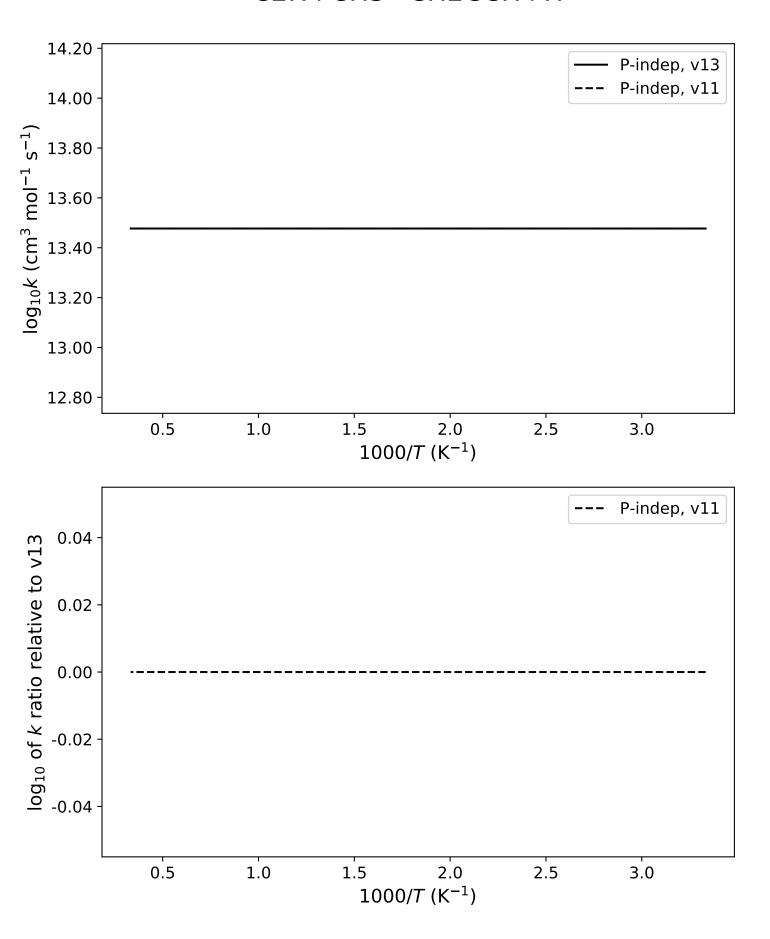
# O2+CH3CH(OOH)CH2=OH+OH+CH3C(O)CH2O



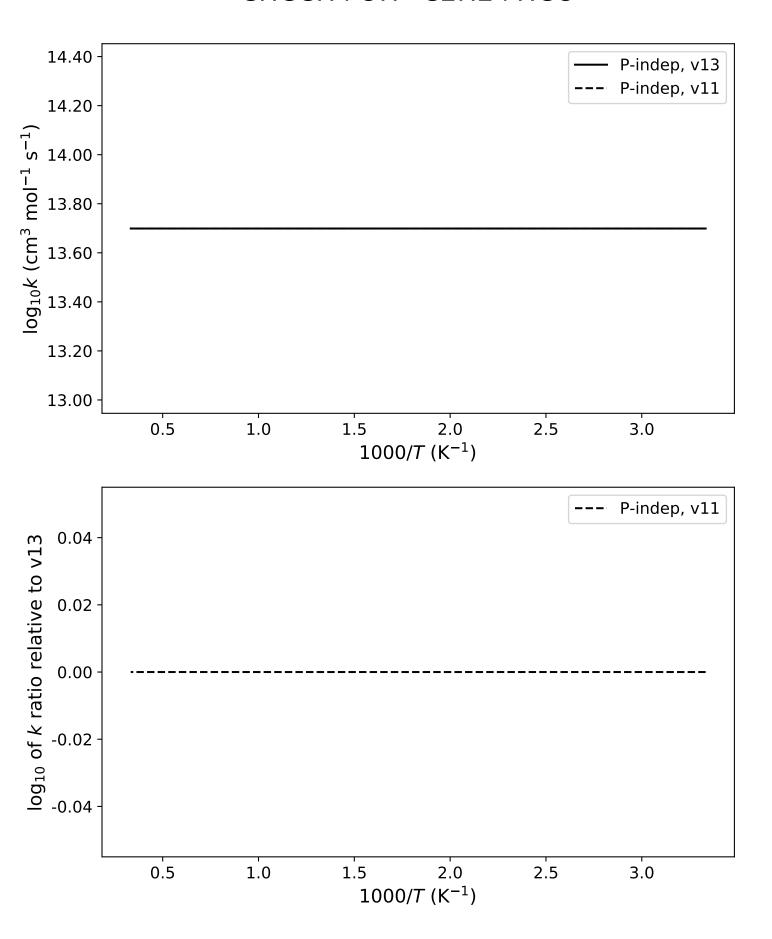
### CH3CCH2+H=CH3CHCH2



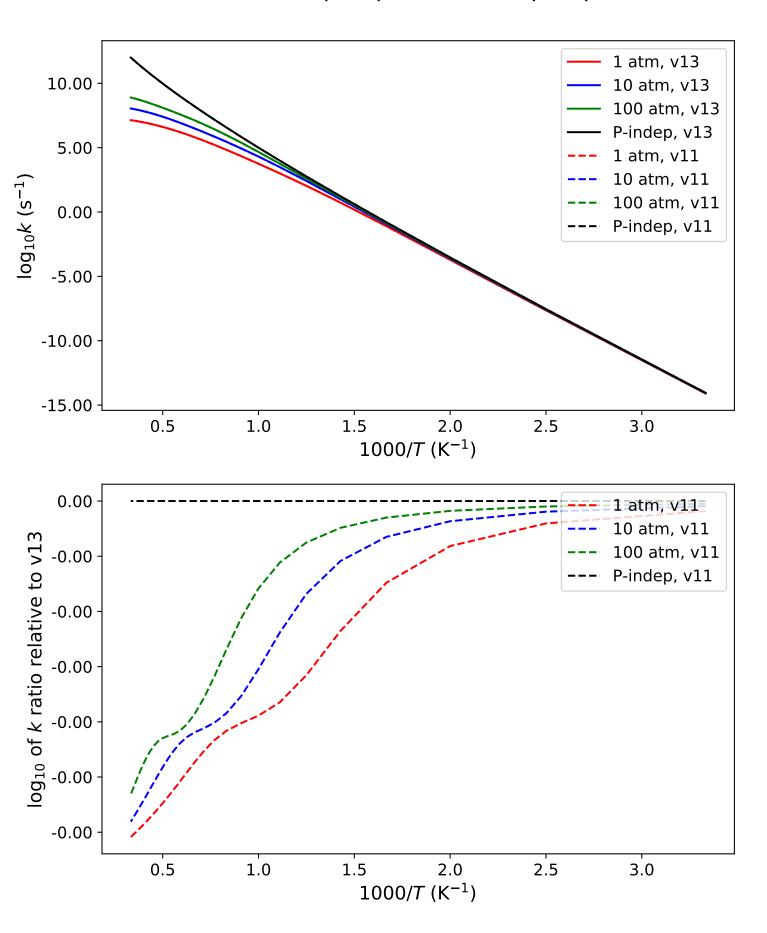
### C2H+CH3=CH2CCH+H



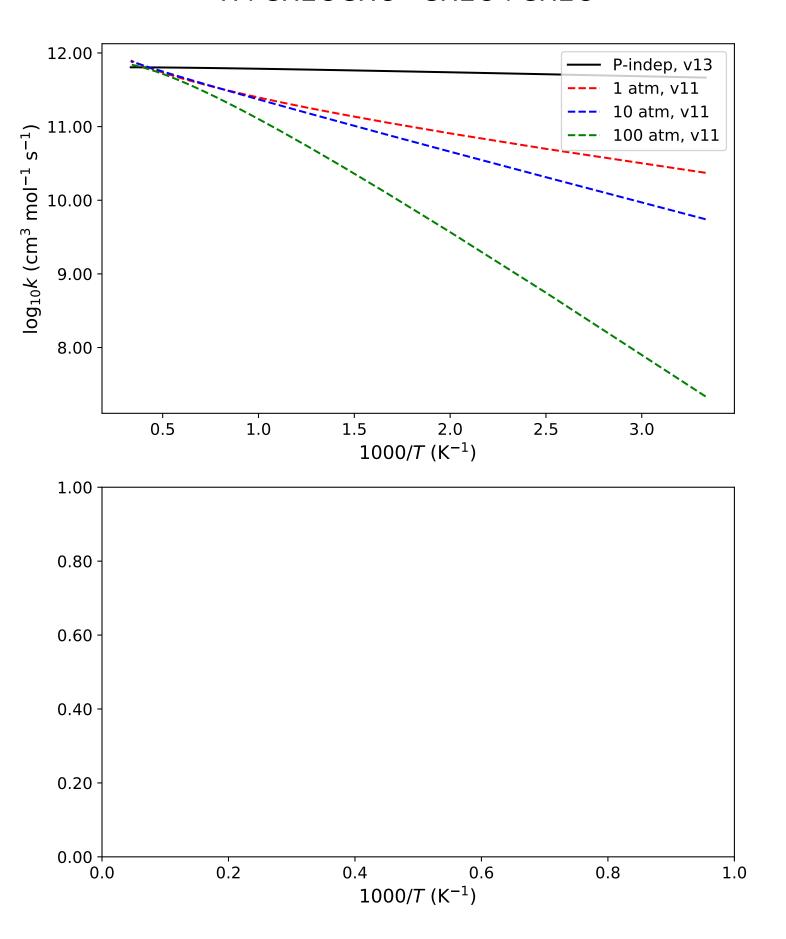
### CHCCH+OH=C2H2+HCO



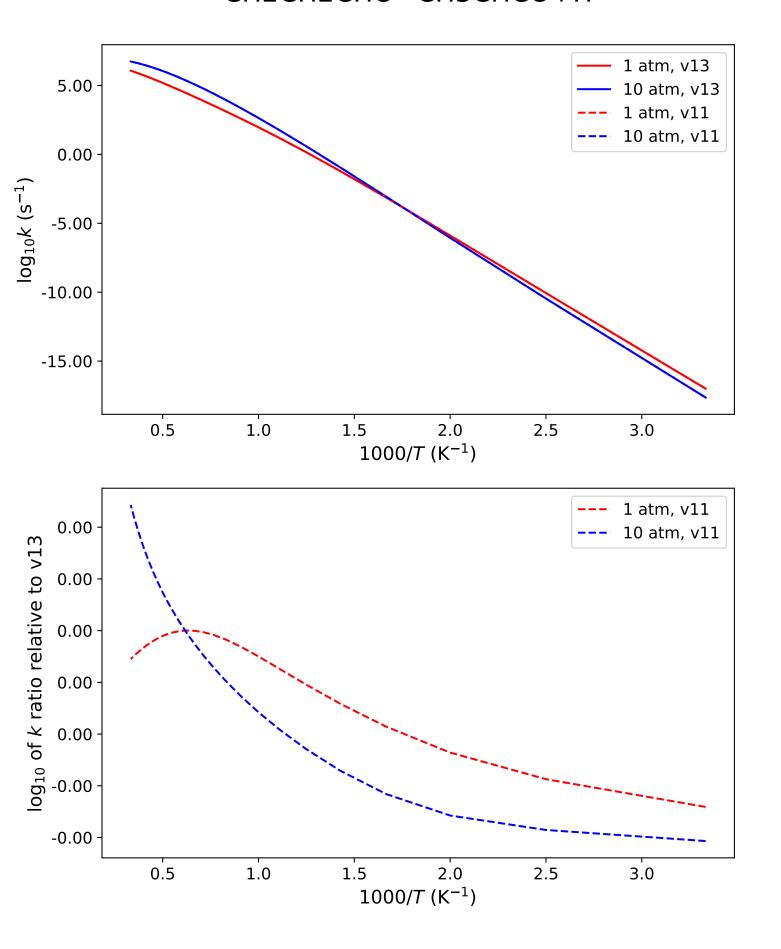
# CH2OH(+M)=H+CH2O(+M)



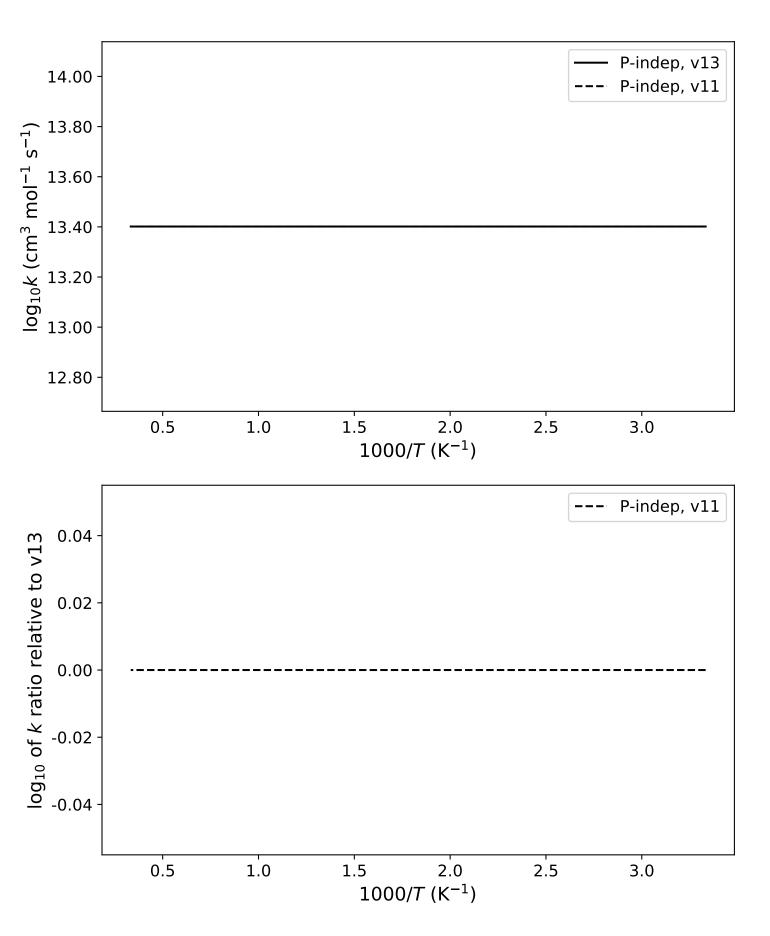
### H+CH2OCHO=CH2O+CH2O



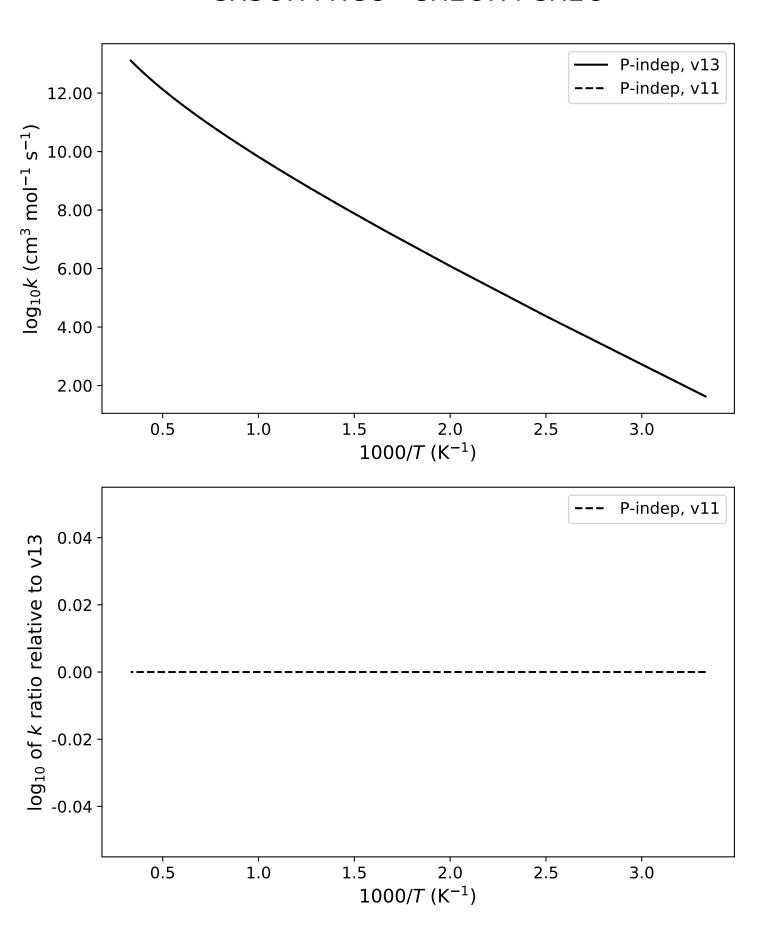
### CH2CH2CH0=CH3CHCO+H



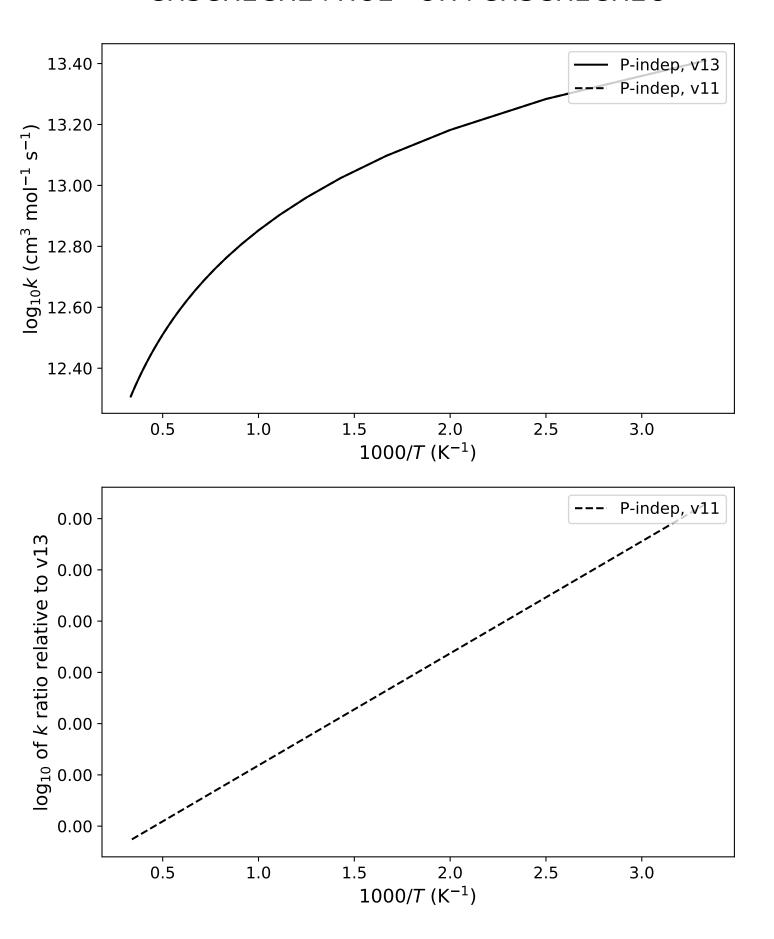
### C2H+O2=CO+CO+H



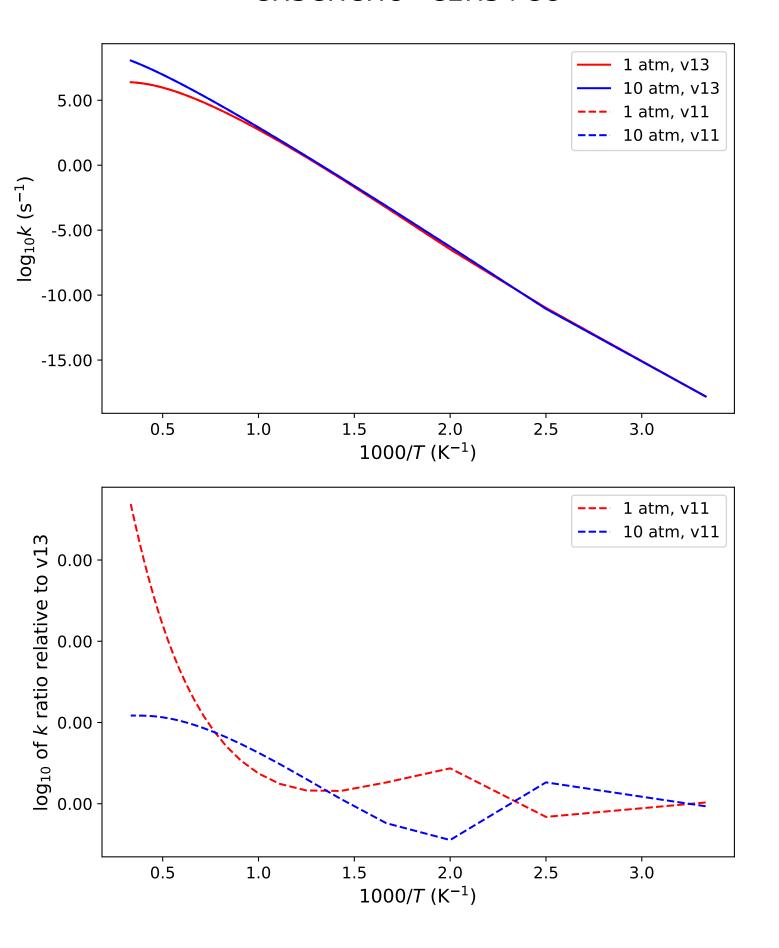
### CH3OH+HCO=CH2OH+CH2O



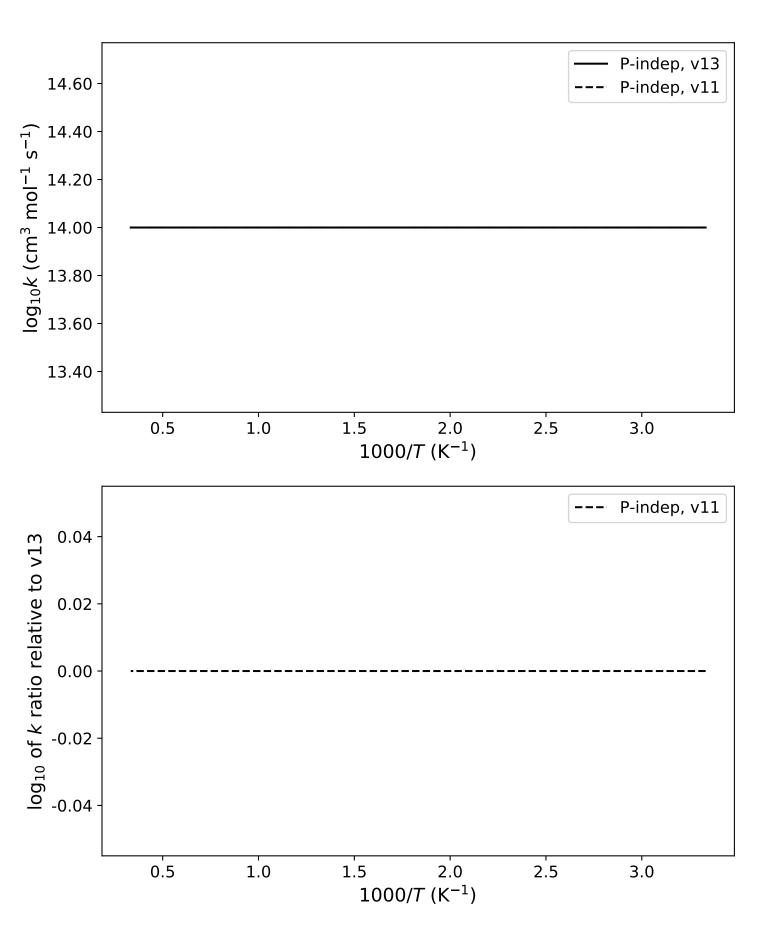
### CH3CH2CH2+HO2=OH+CH3CH2CH2O



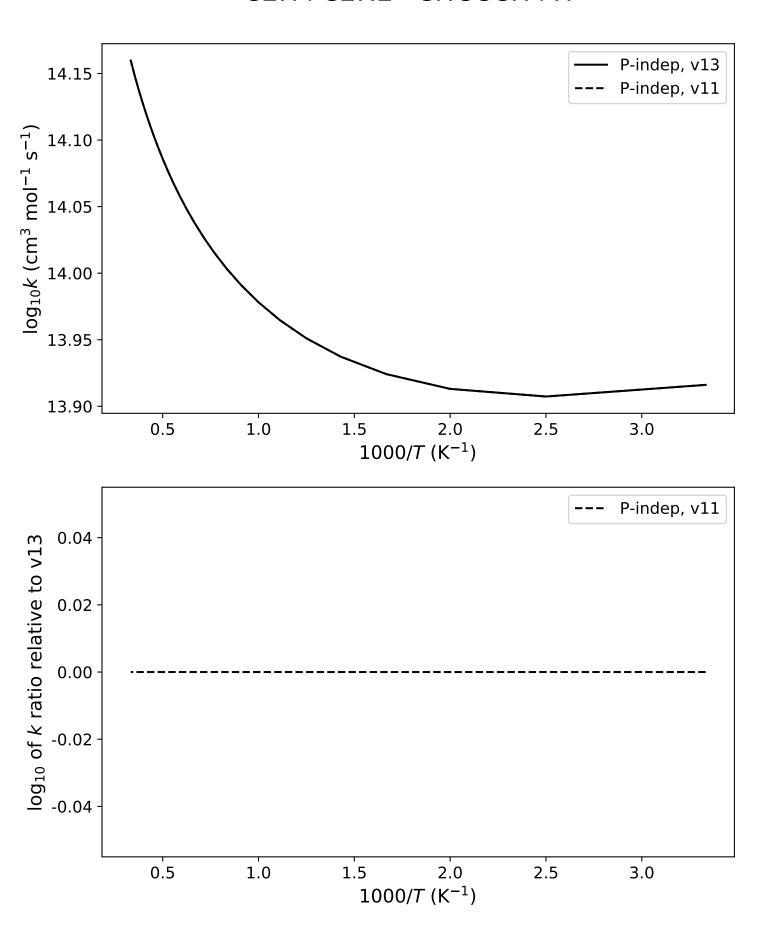
# CH3CHCHO=C2H5+CO



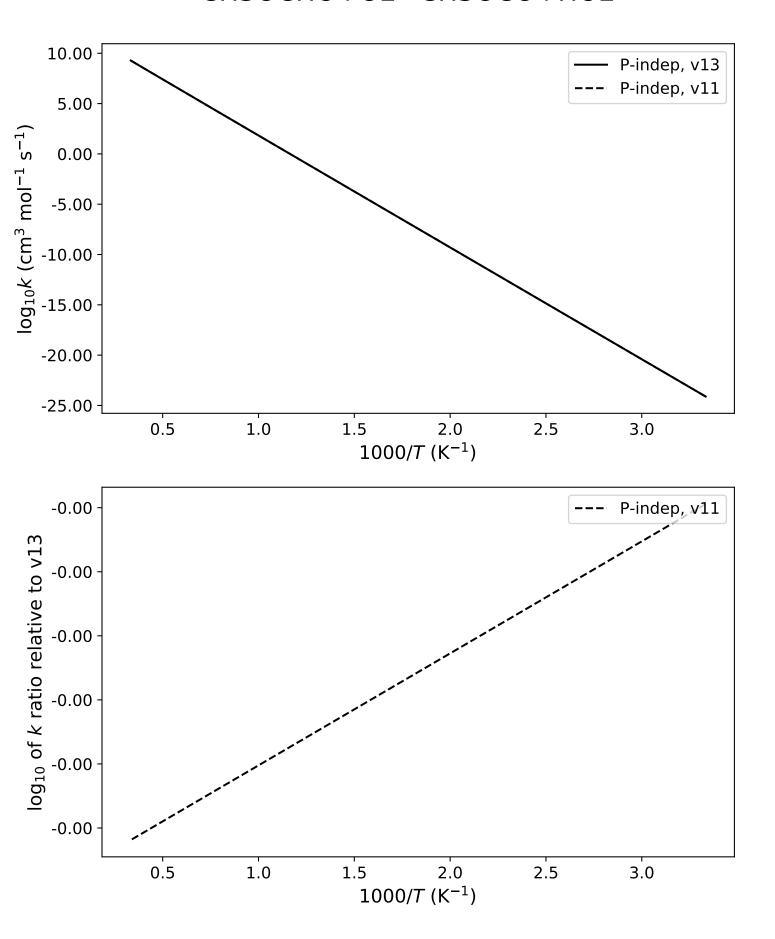
# CH3OO+H=CH3O+OH



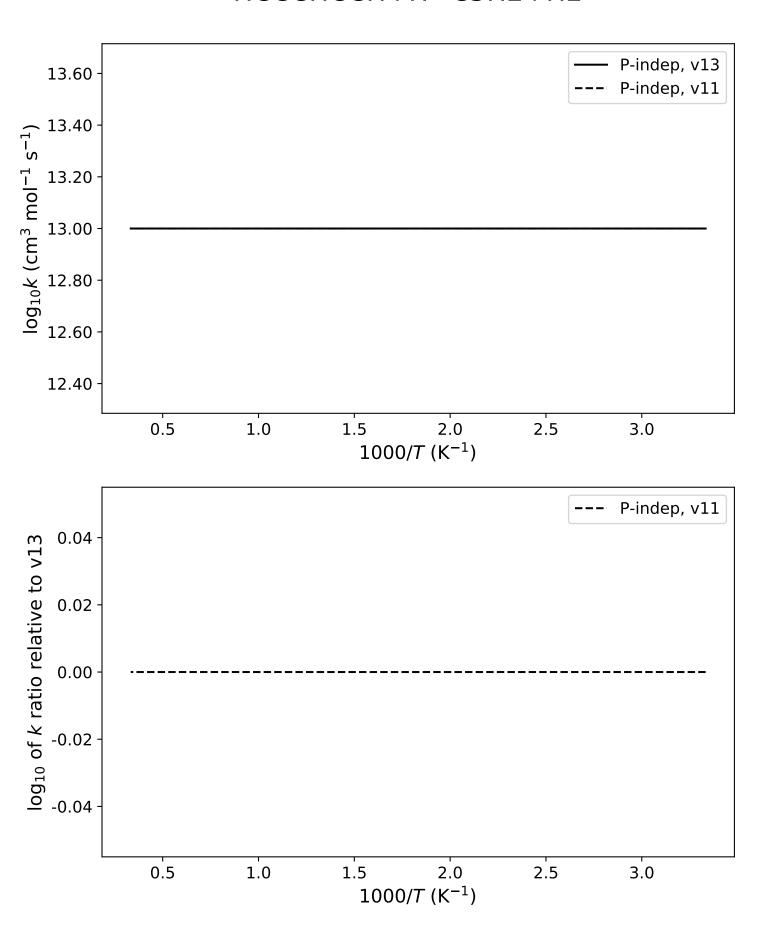
### C2H+C2H2=CHCCCH+H



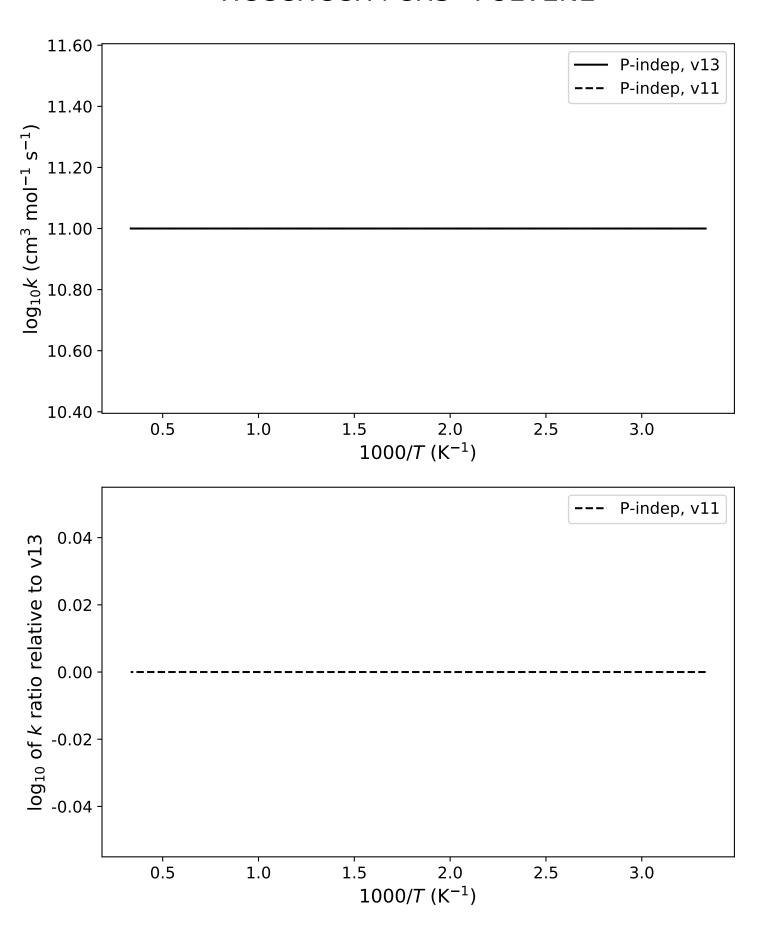
### CH3OCHO+O2=CH3OCO+HO2



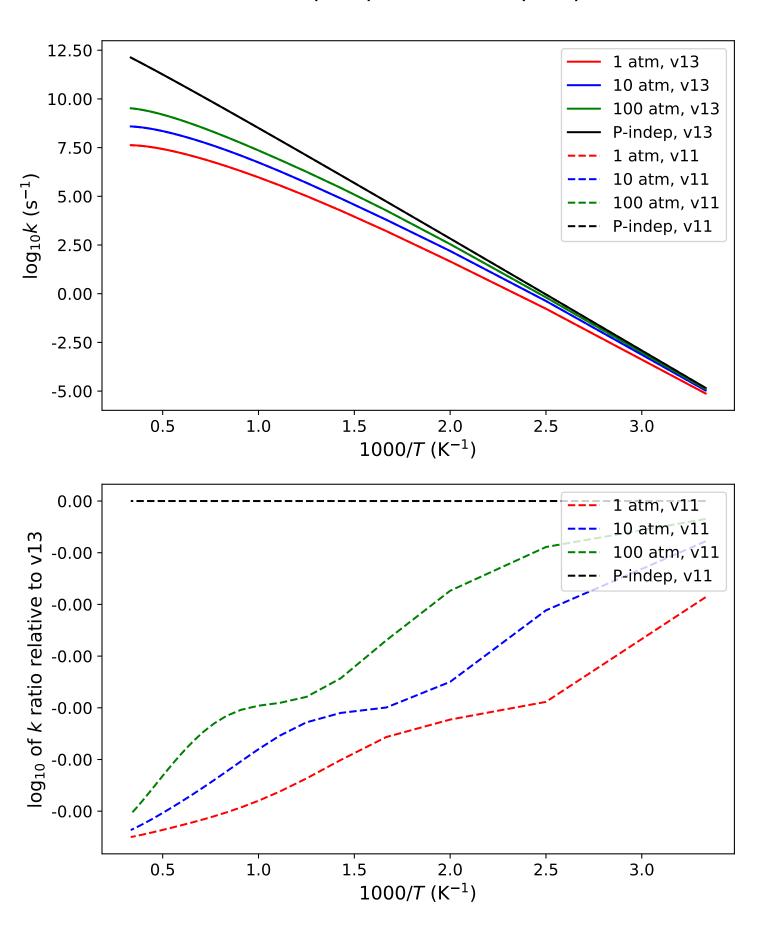
# HCCCHCCH+H=C5H2+H2



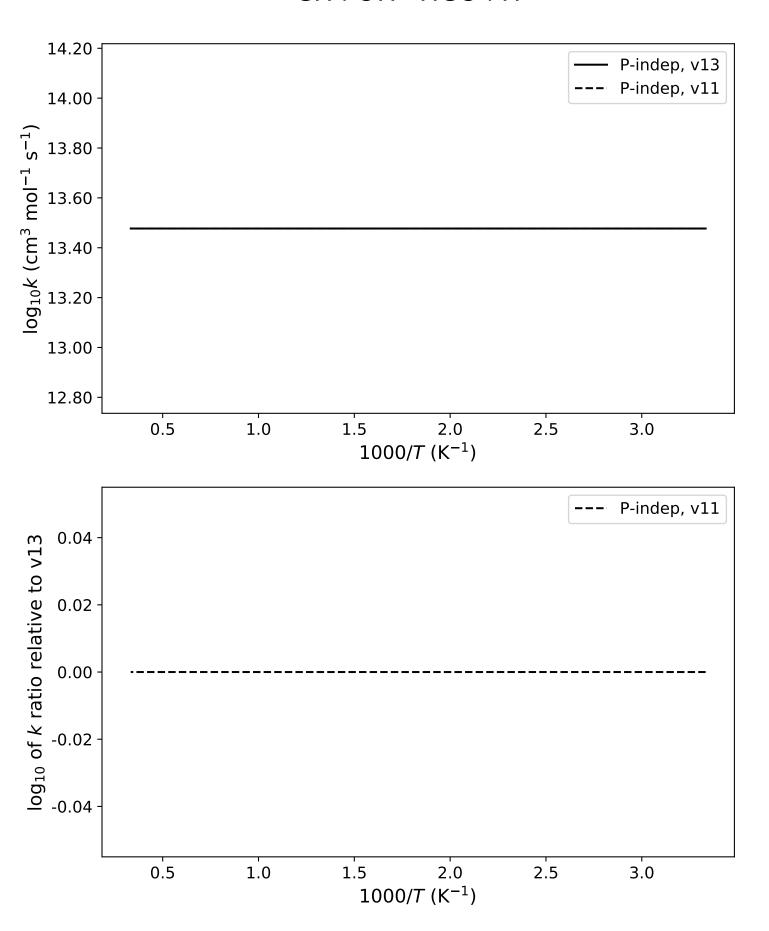
### HCCCHCCH+CH3=FULVENE



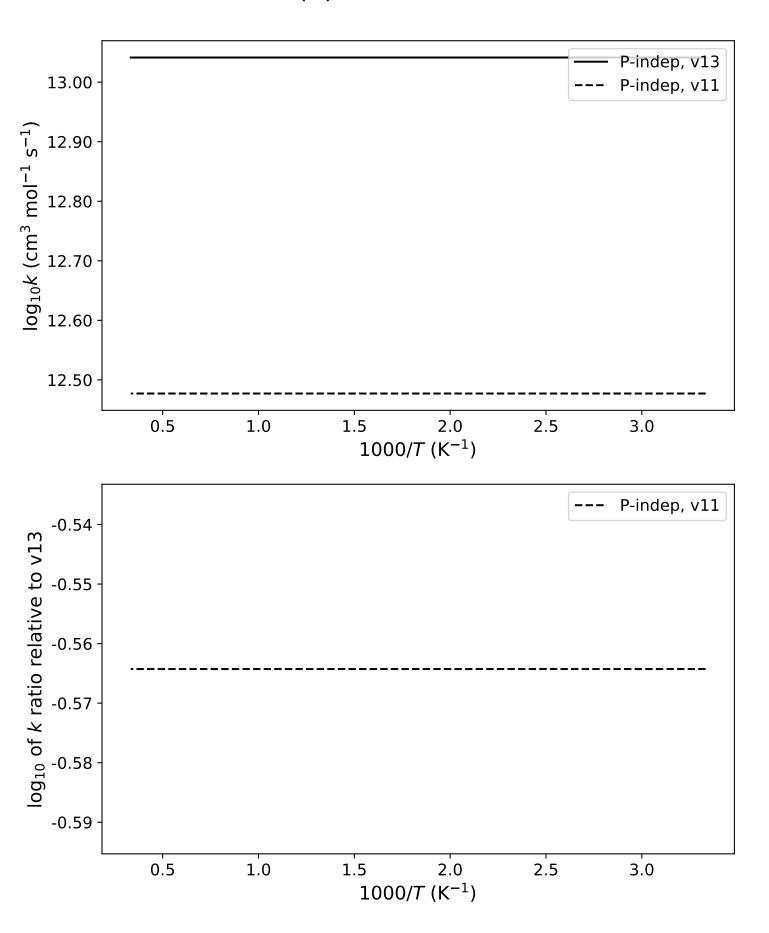
### CH3O(+M)=H+CH2O(+M)



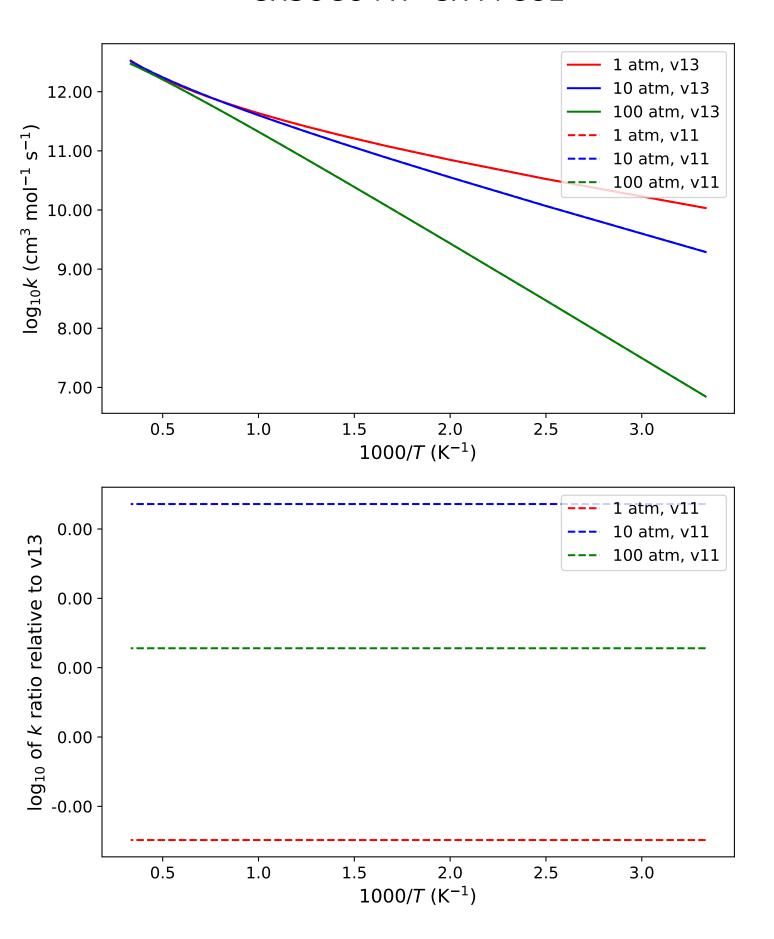
# CH+OH=HCO+H



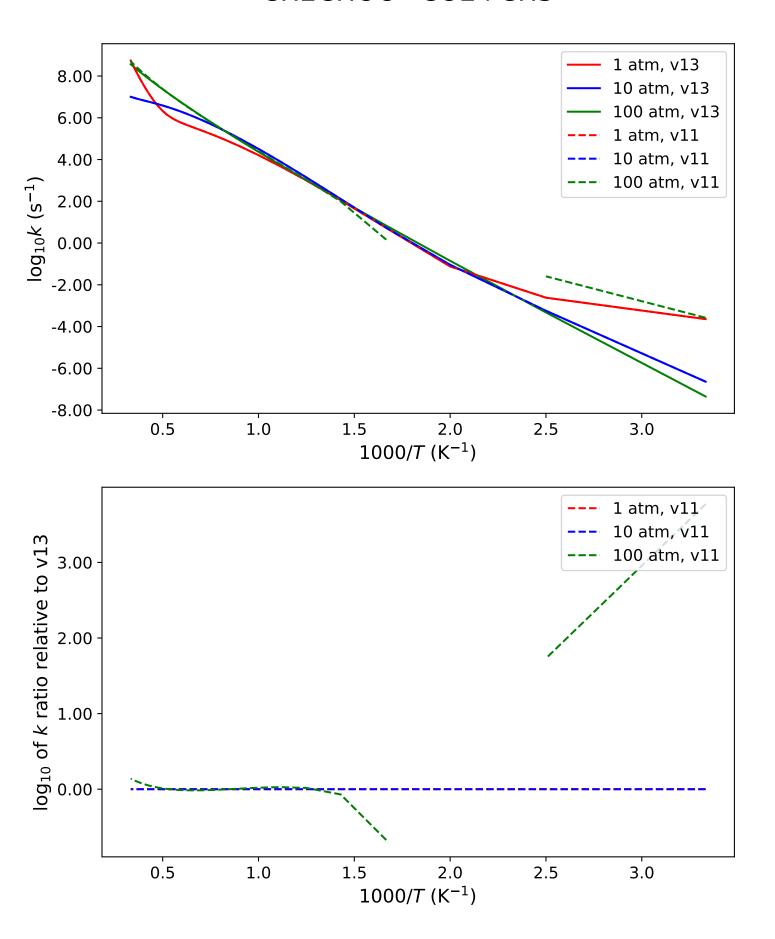
## CH2(S)+CO2=CH2O+CO



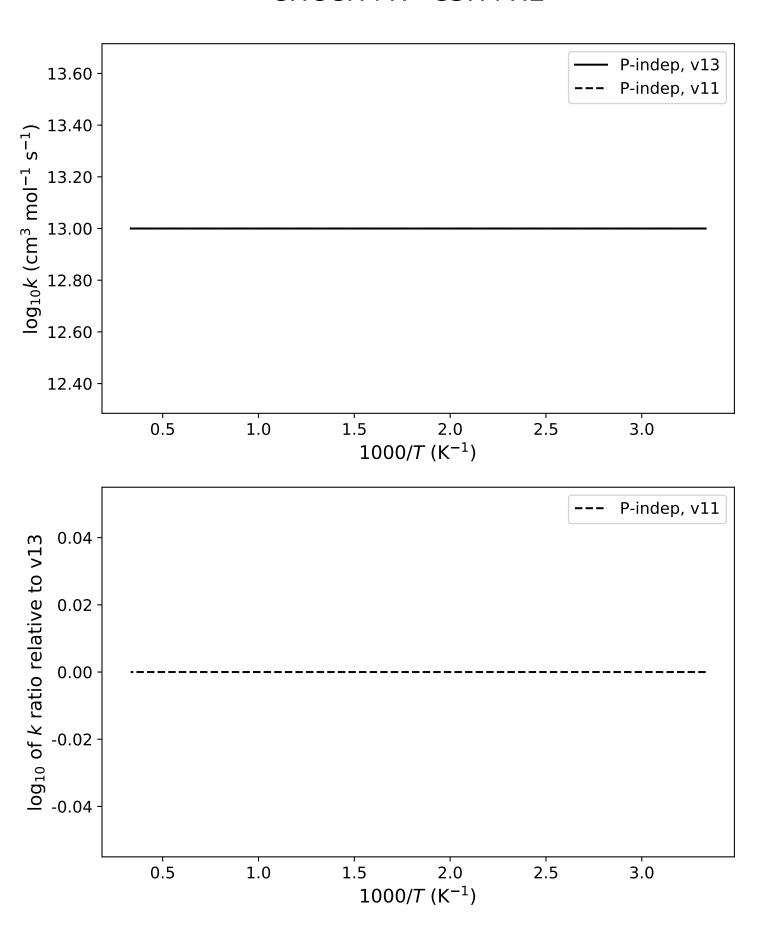
#### CH3OCO+H=CH4+CO2



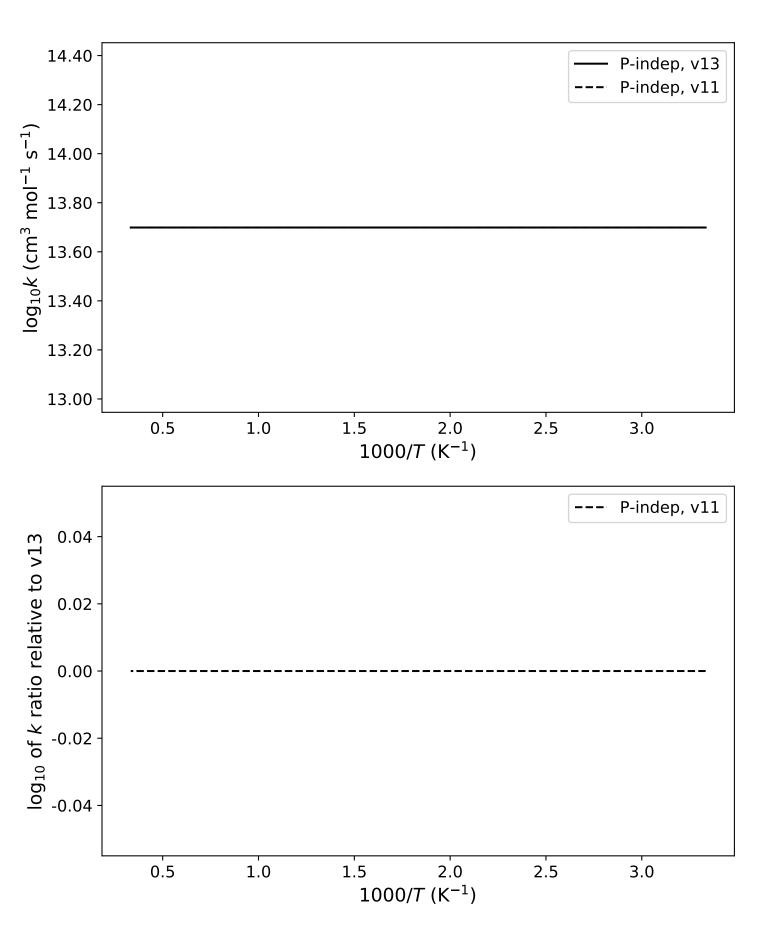
#### CH2CHOO=CO2+CH3



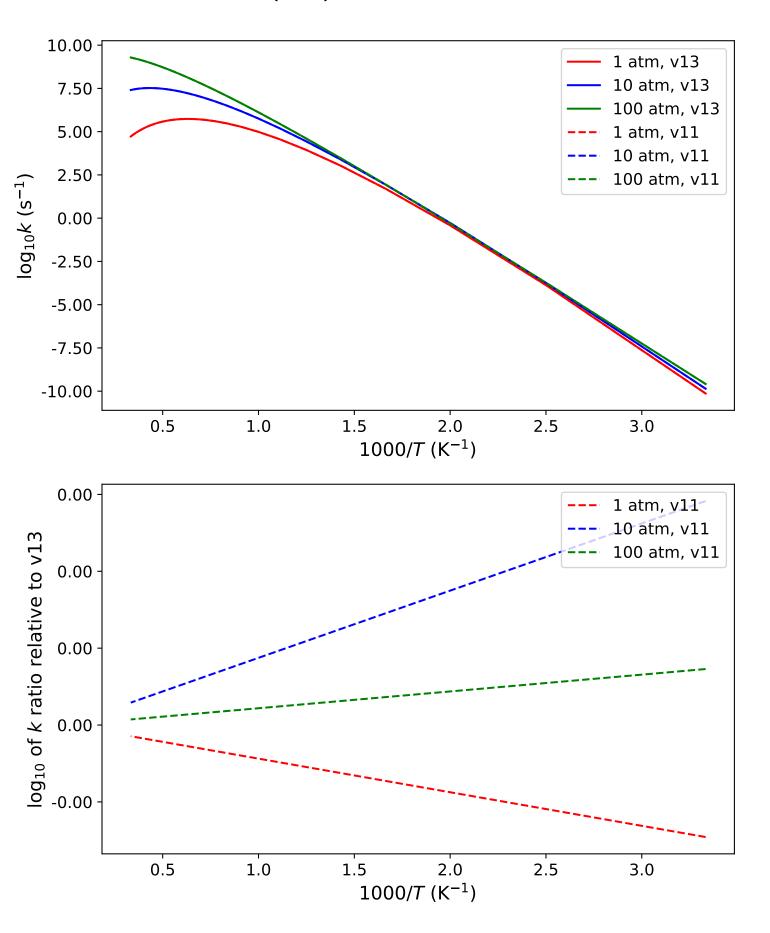
## CHCCH+H=C3H+H2



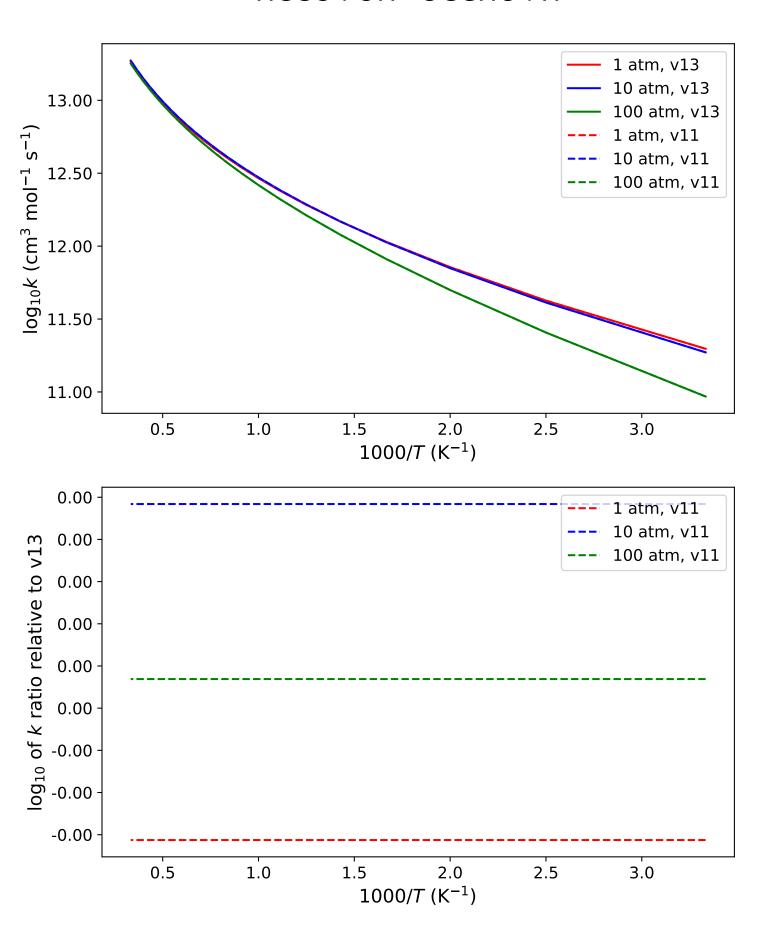
#### H+CHCHCCH=C2H2+C2H2



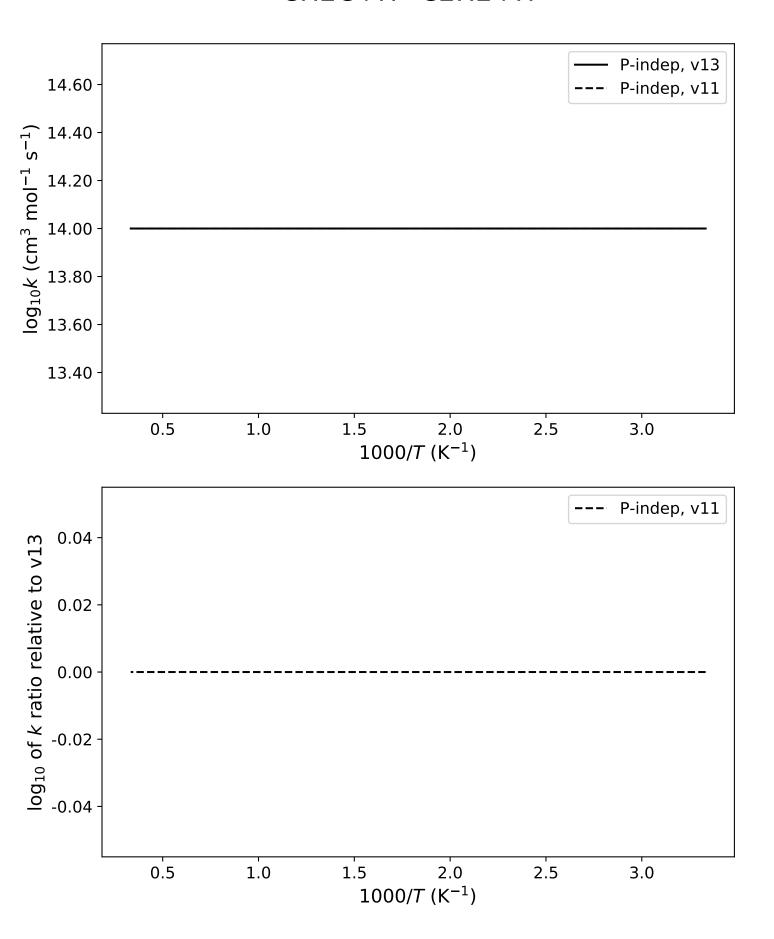
# CH3CH(OO)CH3=HO2+CH3CHCH2



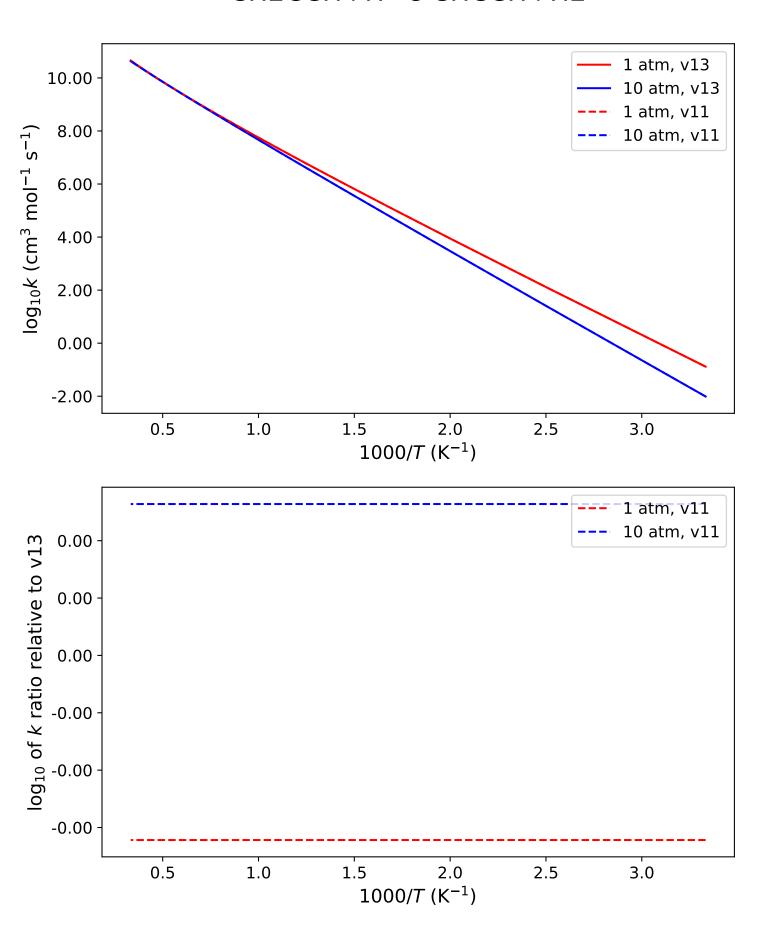
#### HCCO+OH=OCCHO+H



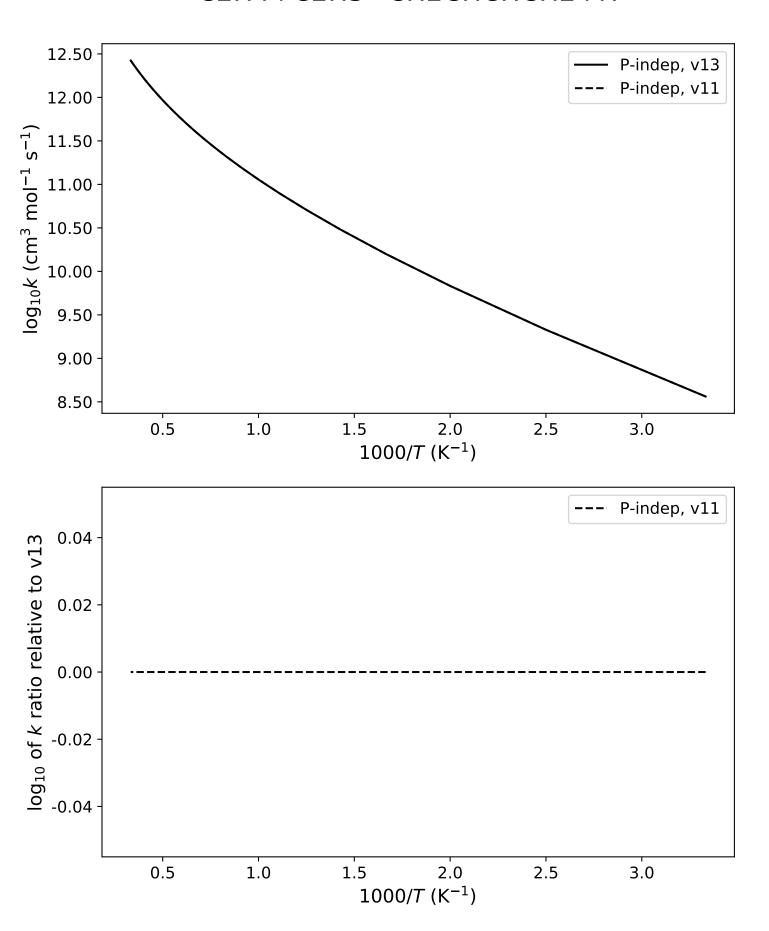
#### CH2C+H=C2H2+H



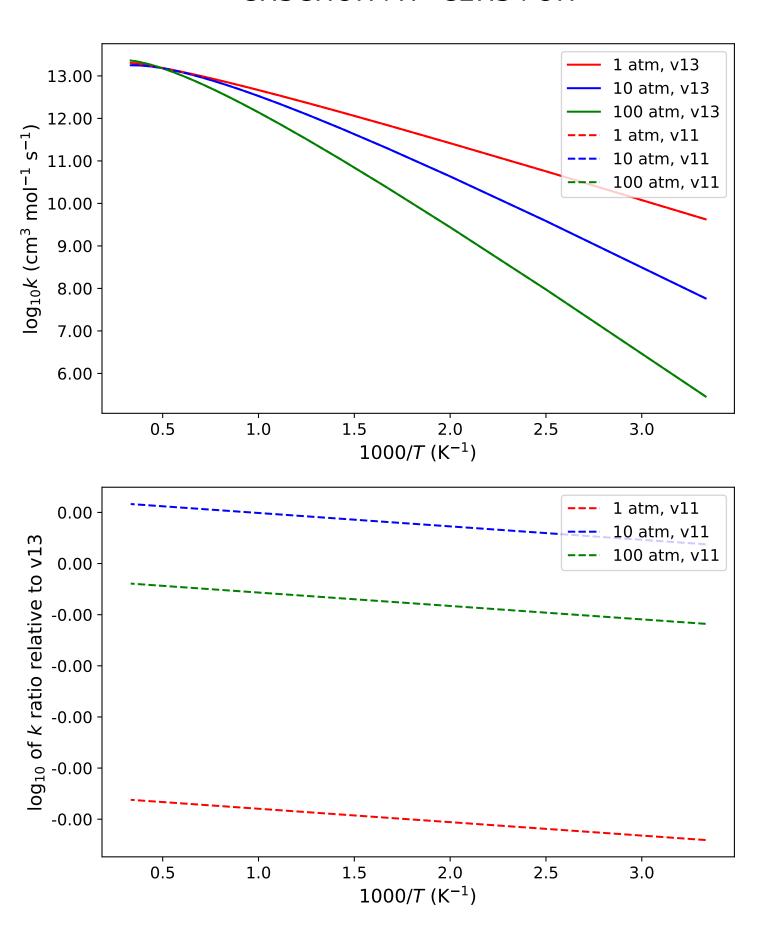
#### CH2CCH+H=c-CHCCH+H2



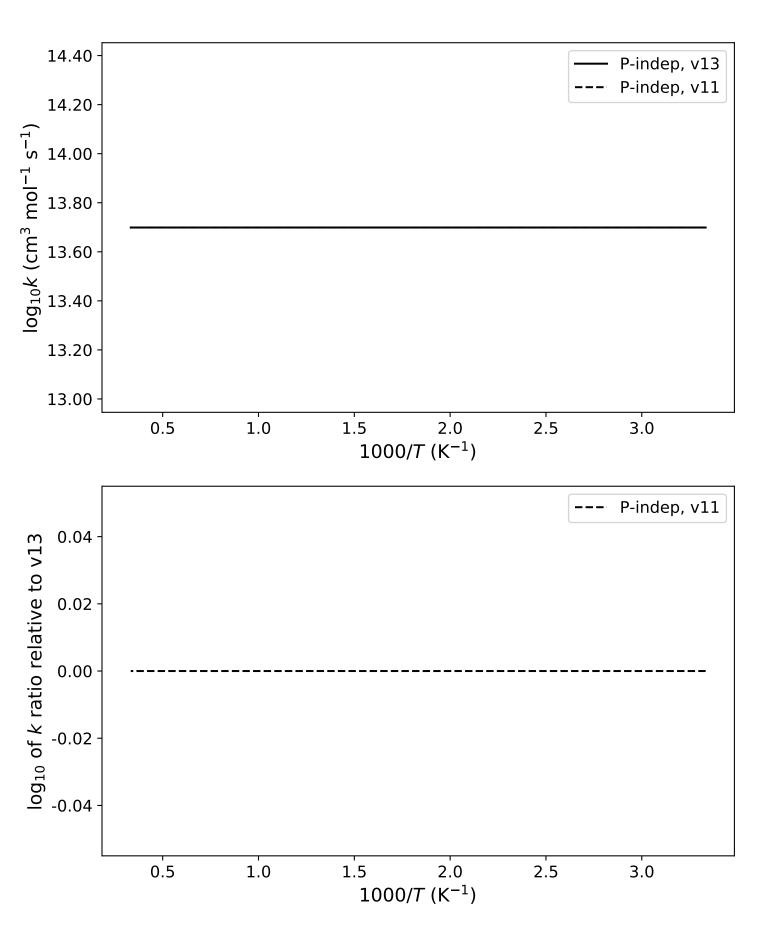
## C2H4+C2H3=CH2CHCHCH2+H



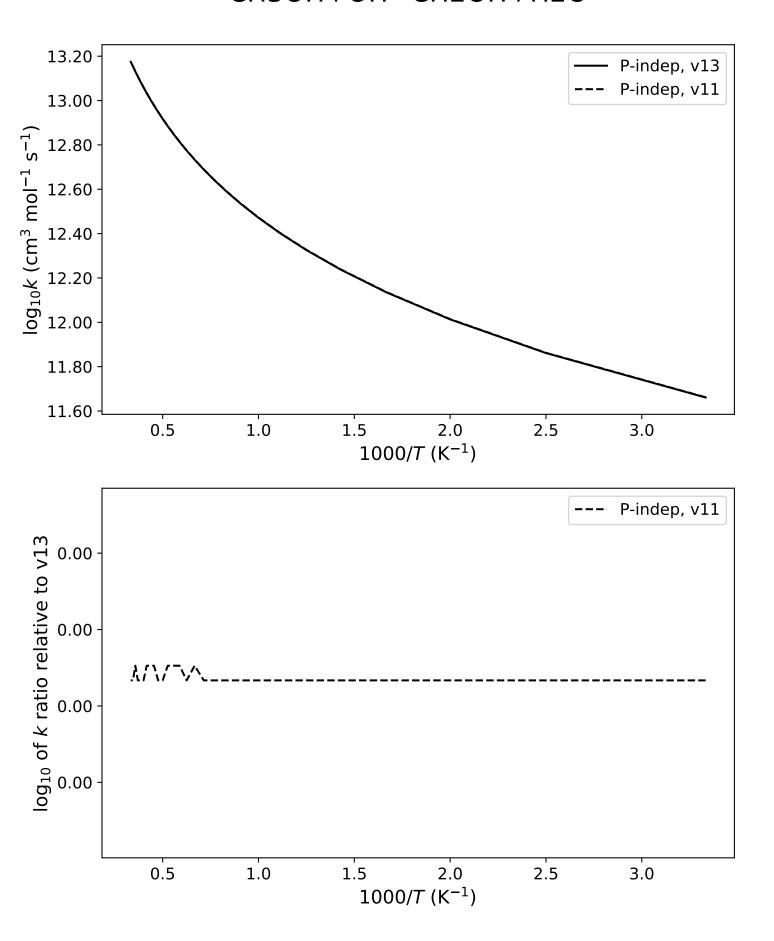
#### CH3CHOH+H=C2H5+OH



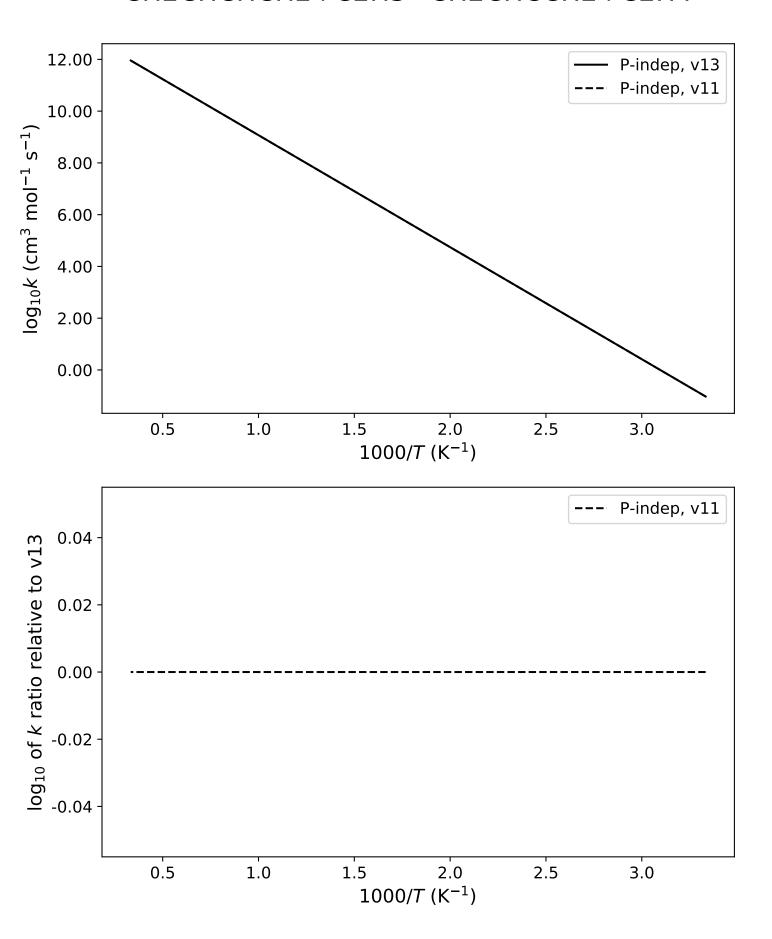
#### CH+HCCO=C2H2+CO



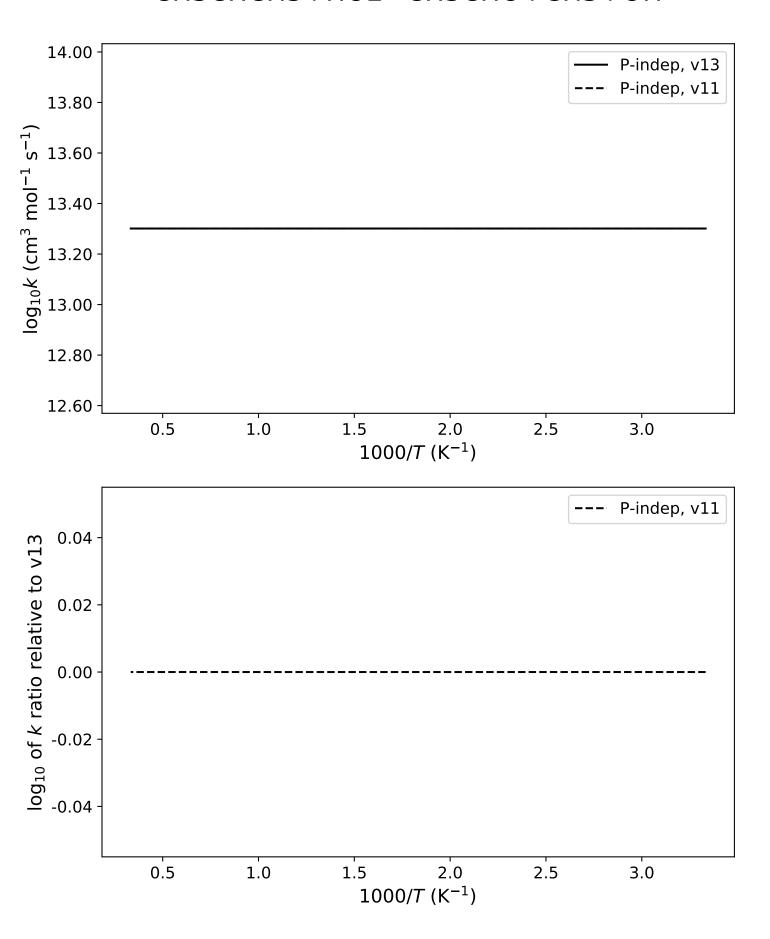
#### CH3OH+OH=CH2OH+H2O



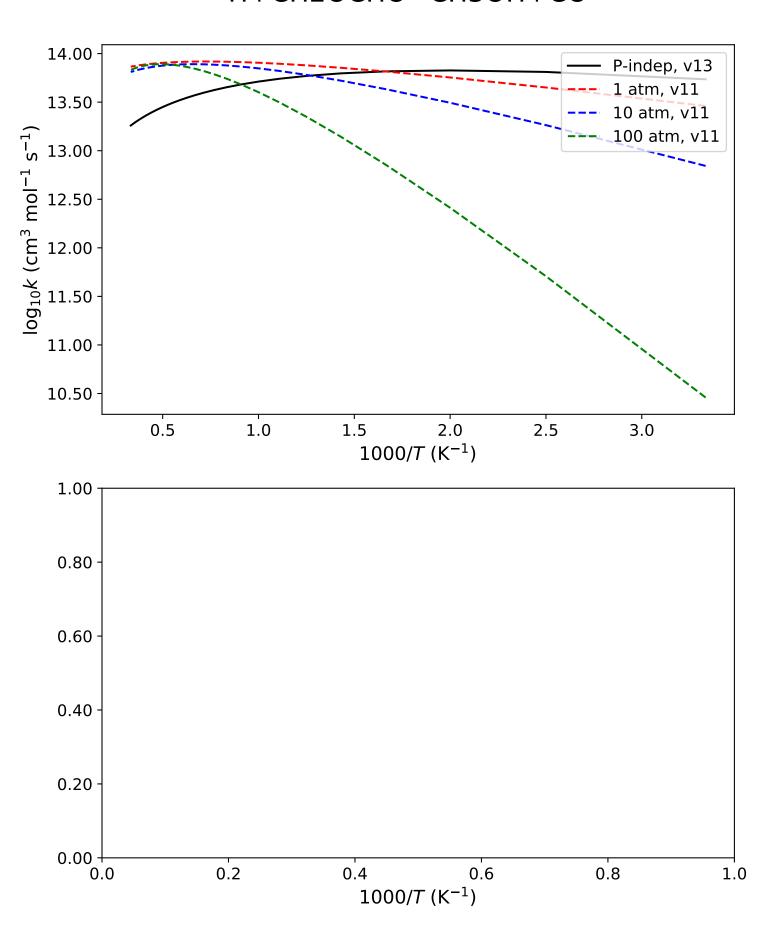
#### CH2CHCH2+C2H3=CH2CHCCH2+C2H4



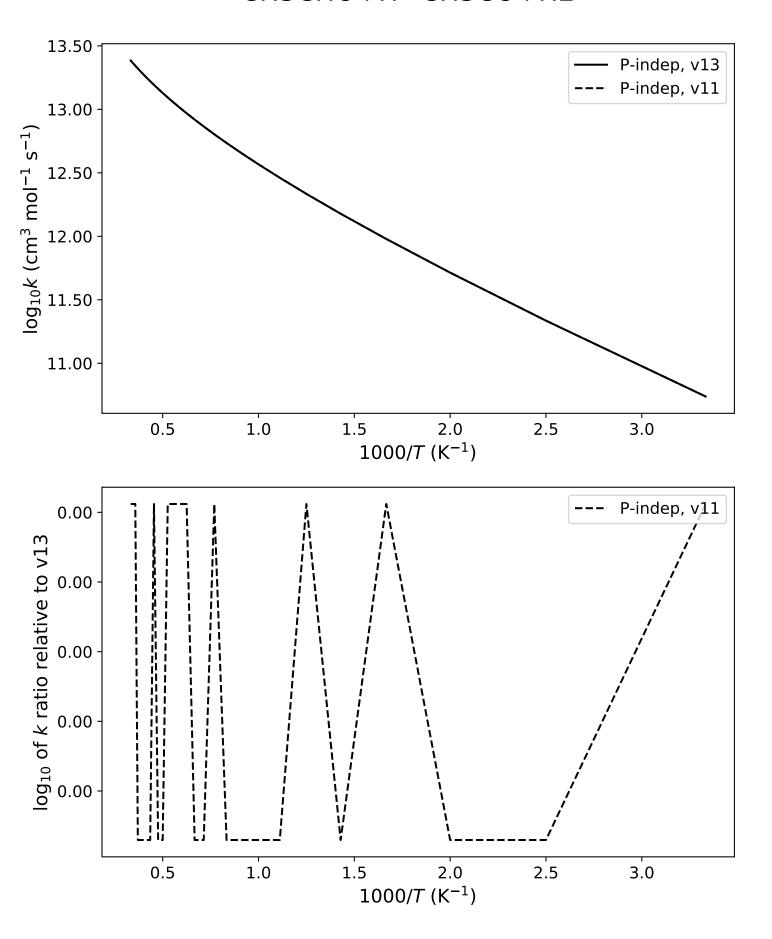
#### CH3CHCH3+HO2=CH3CHO+CH3+OH



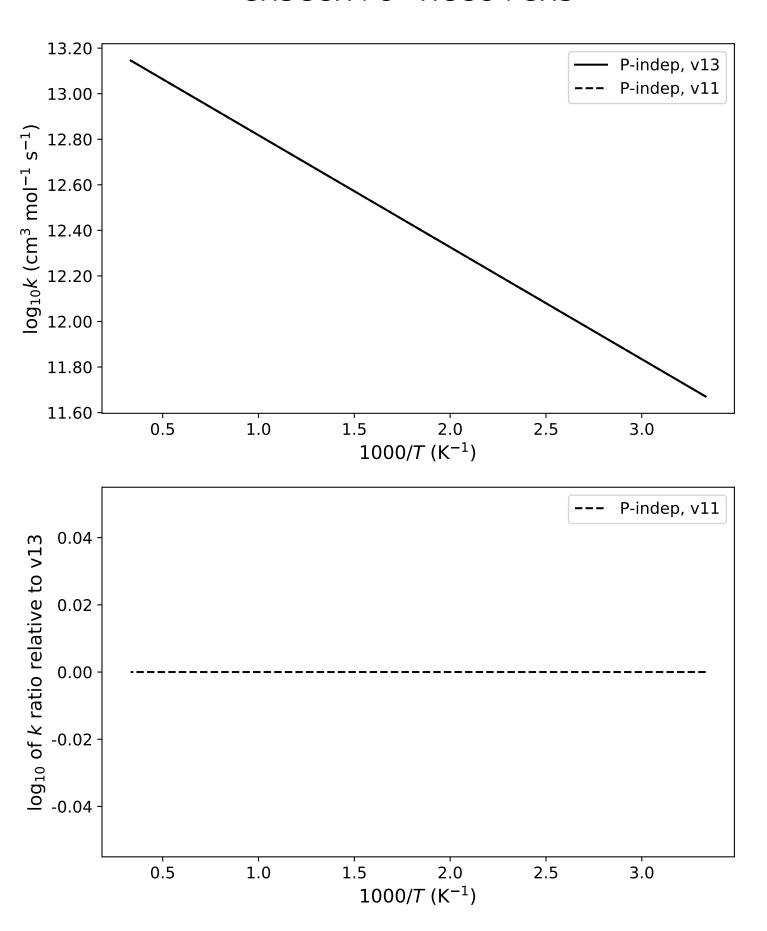
## H+CH2OCHO=CH3OH+CO



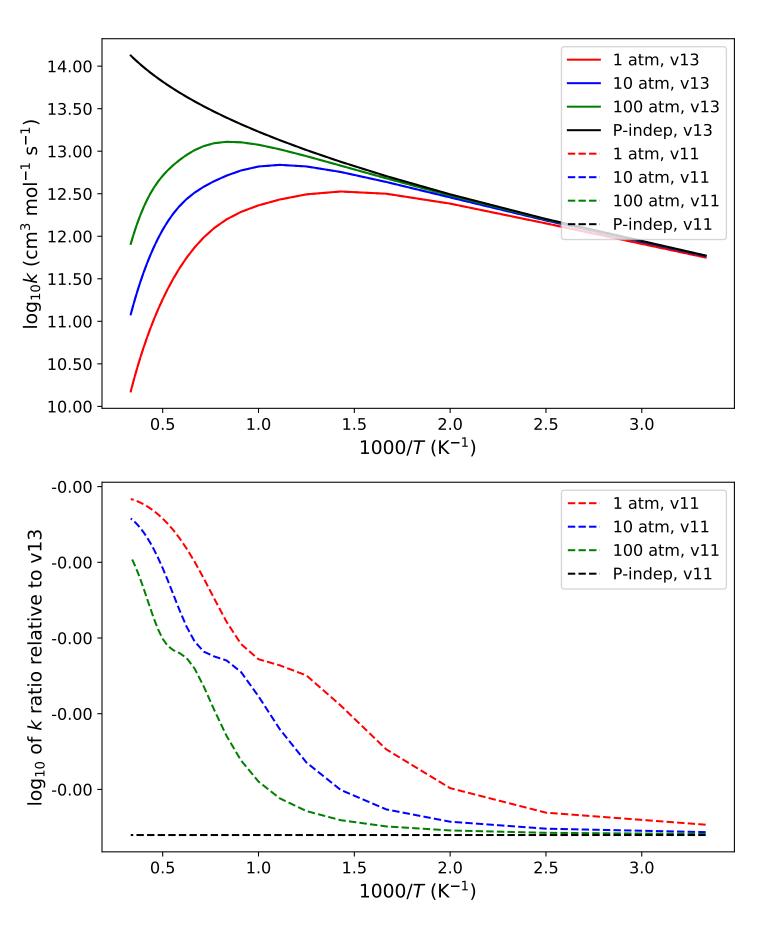
# CH3CHO+H=CH3CO+H2



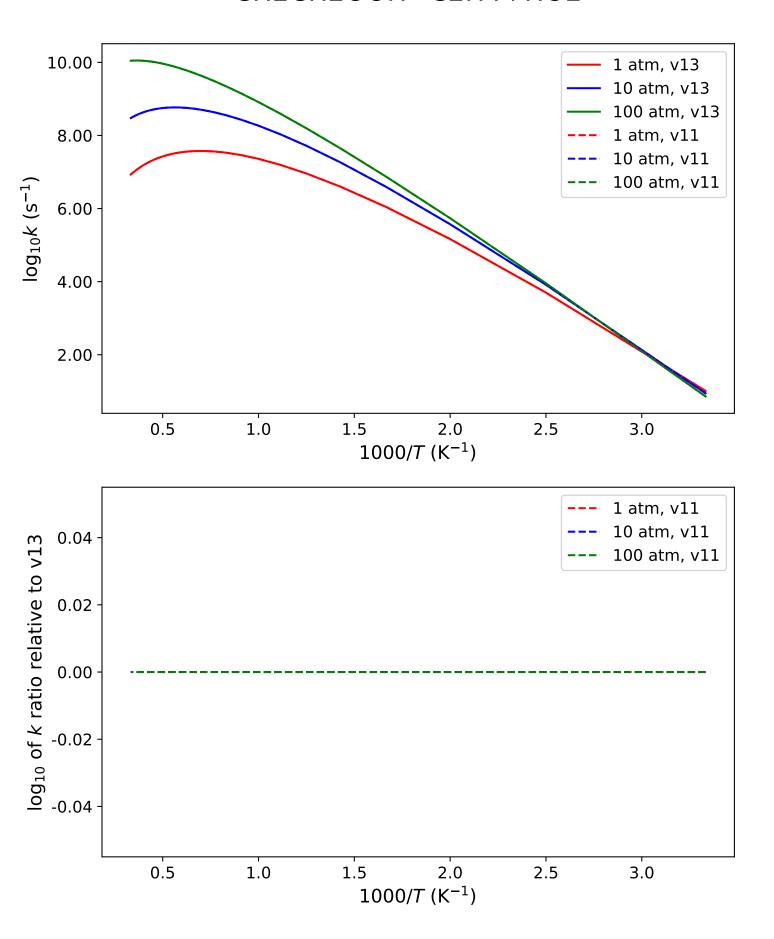
#### CH3CCH+O=HCCO+CH3



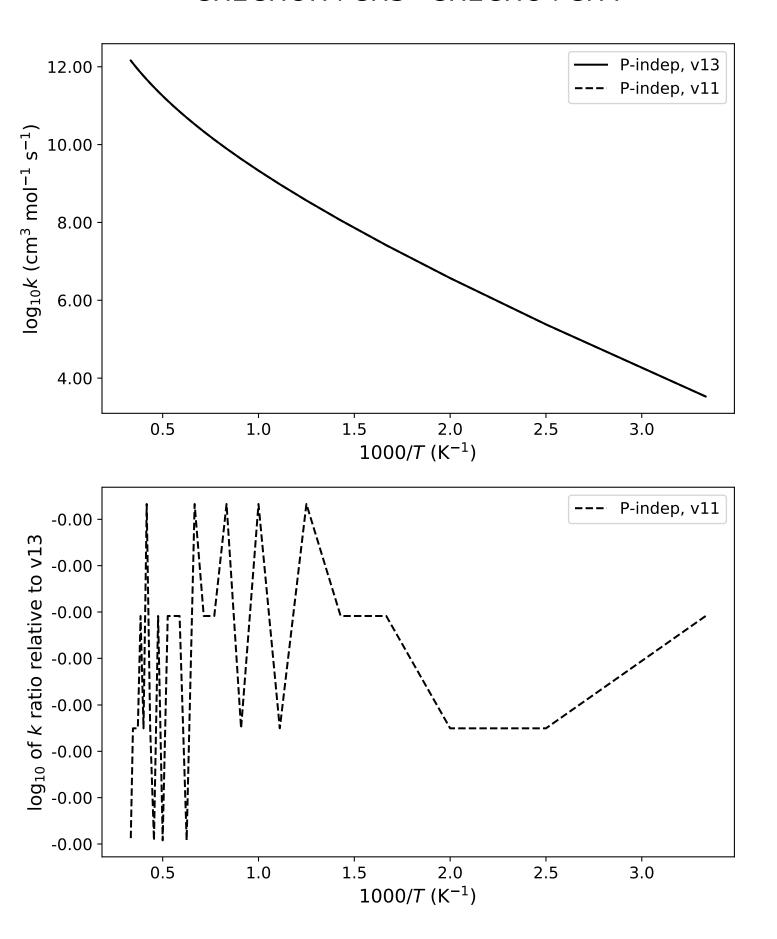
#### H+C2H4(+M)=C2H5(+M)



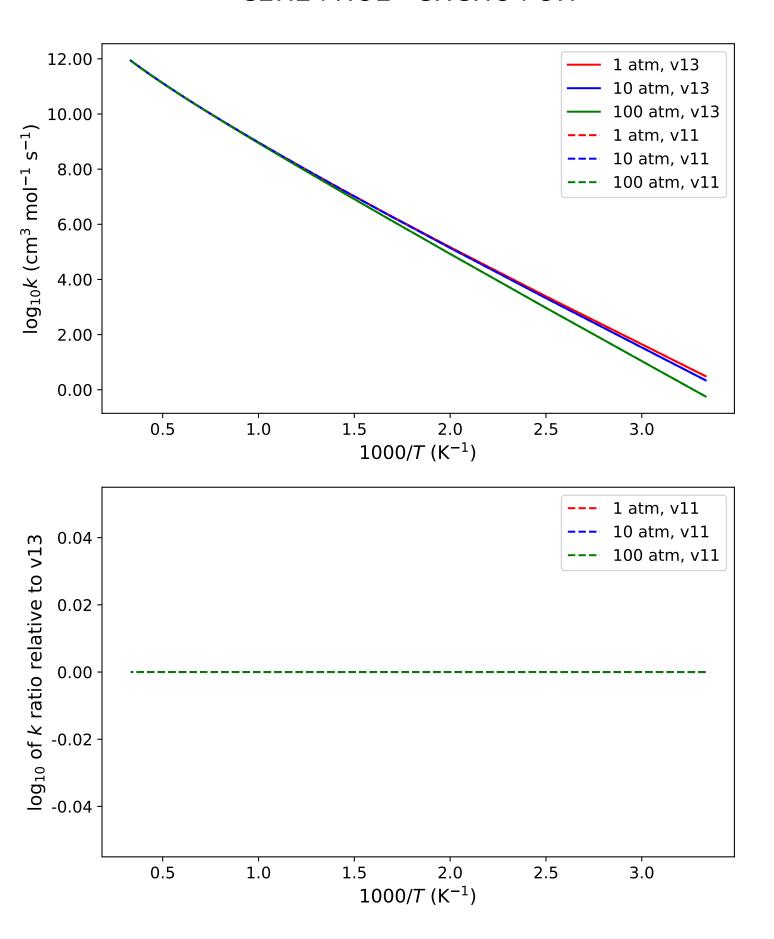
#### CH2CH2OOH=C2H4+HO2



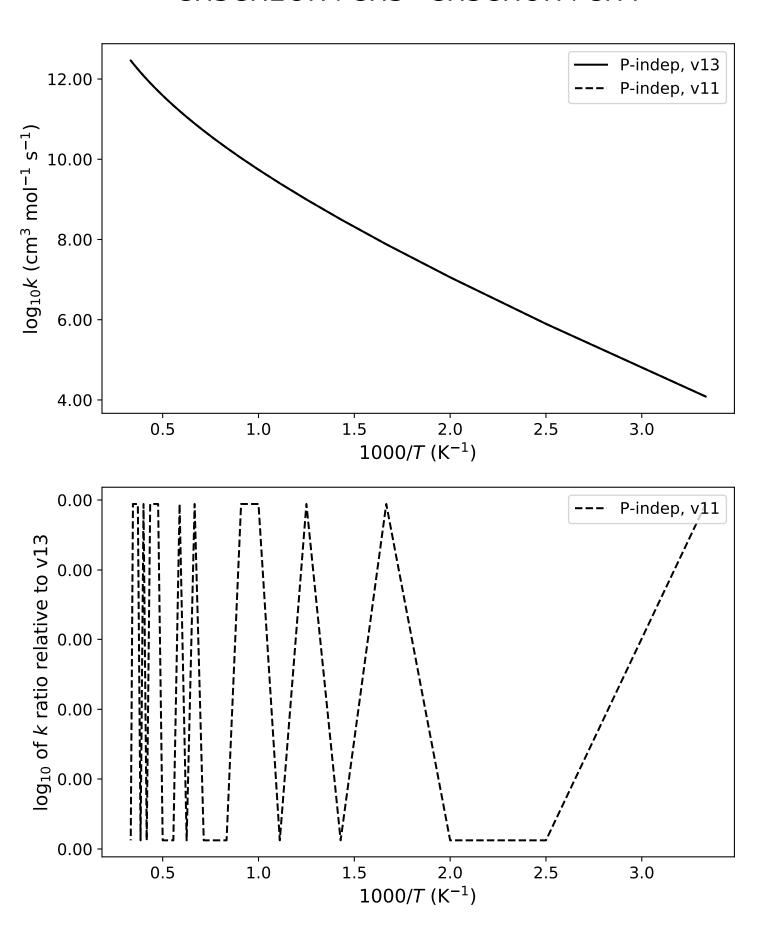
#### CH2CHOH+CH3=CH2CHO+CH4



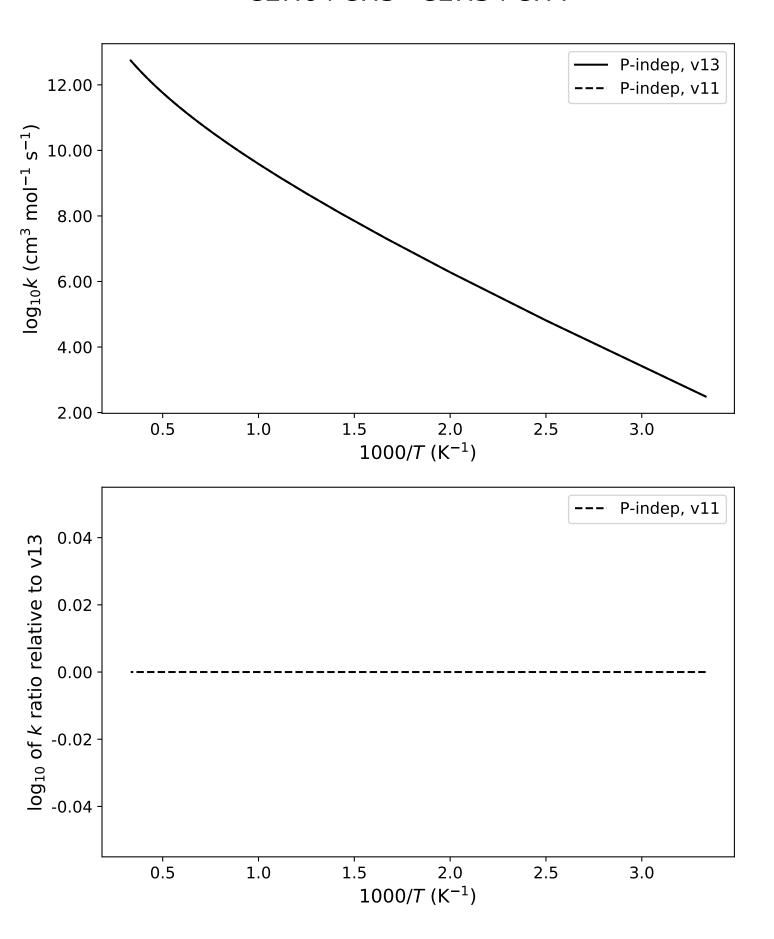
#### C2H2+HO2=CHCHO+OH



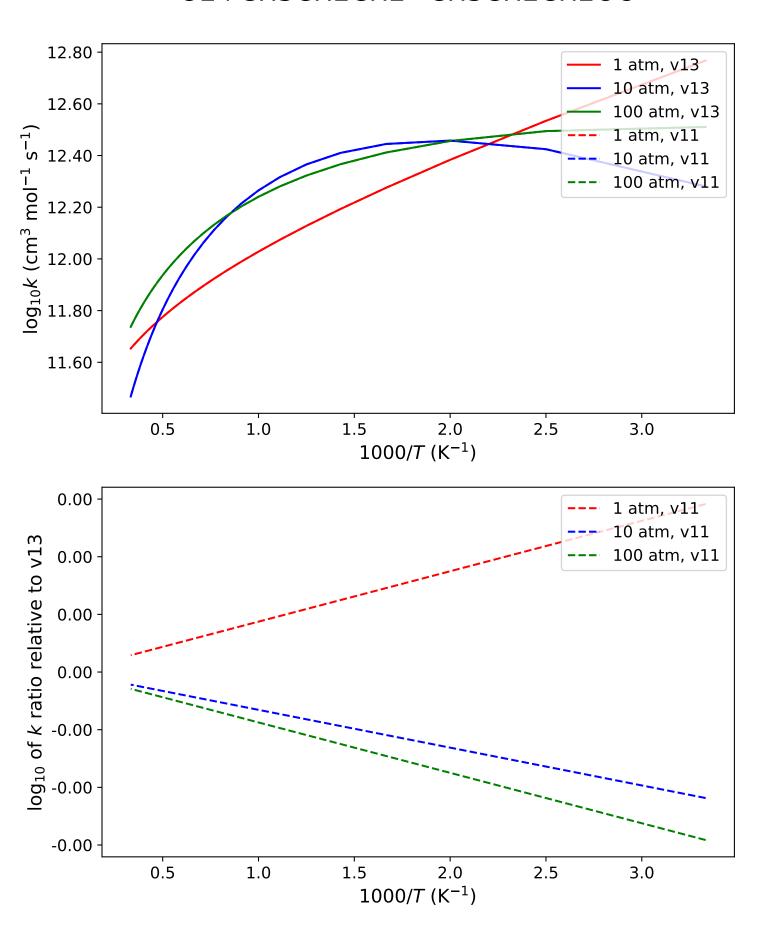
#### CH3CH2OH+CH3=CH3CHOH+CH4



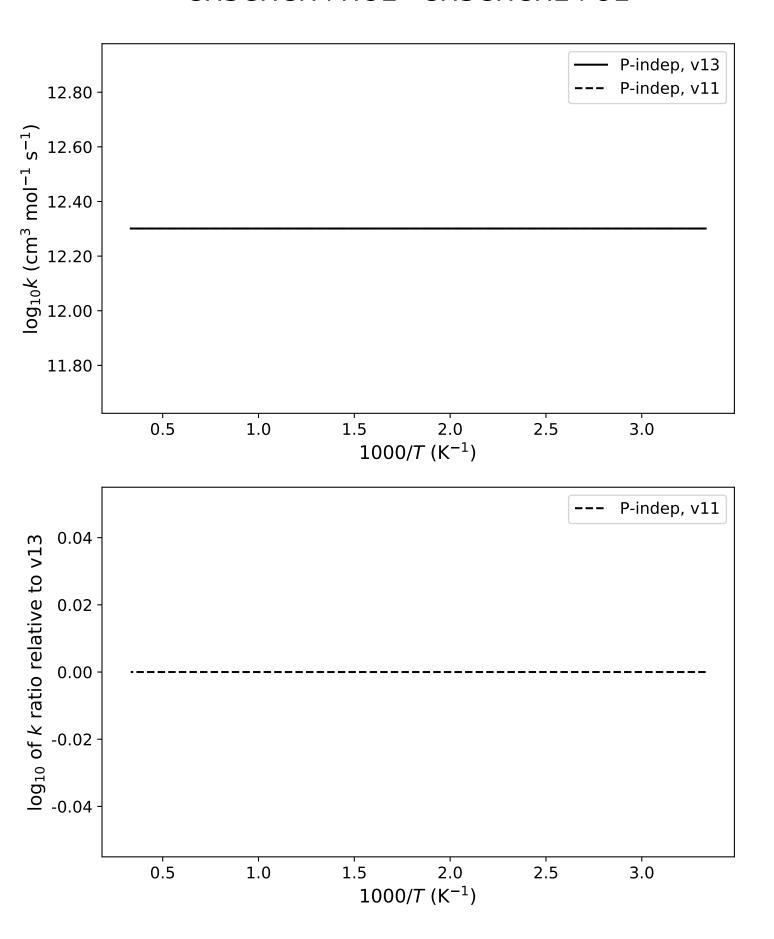
#### C2H6+CH3=C2H5+CH4



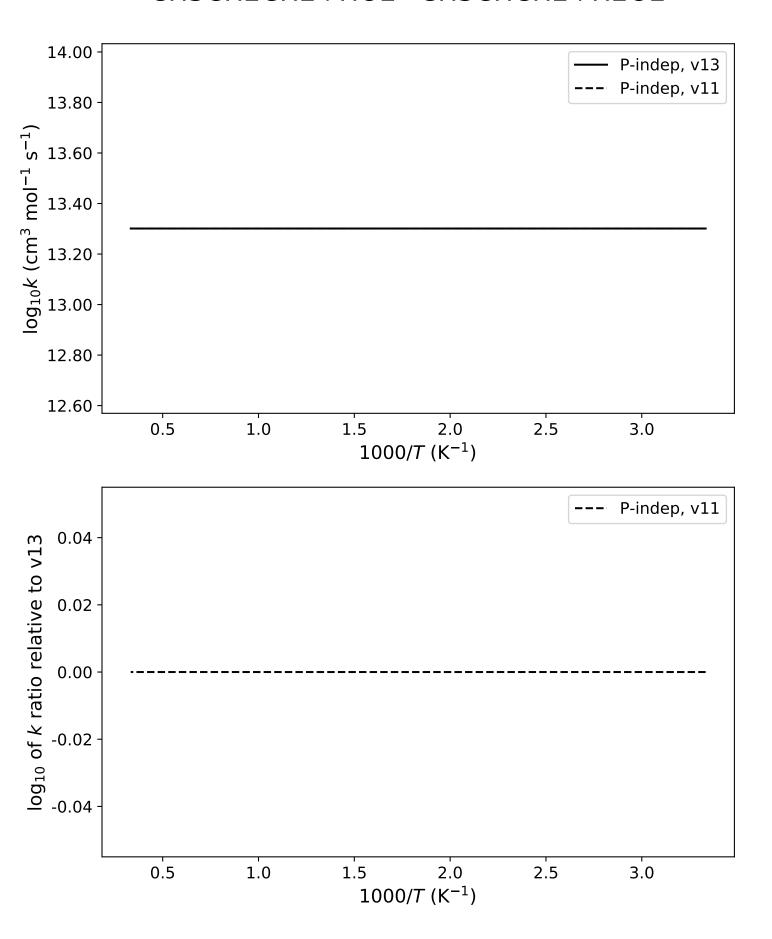
#### O2+CH3CH2CH2=CH3CH2CH2OO



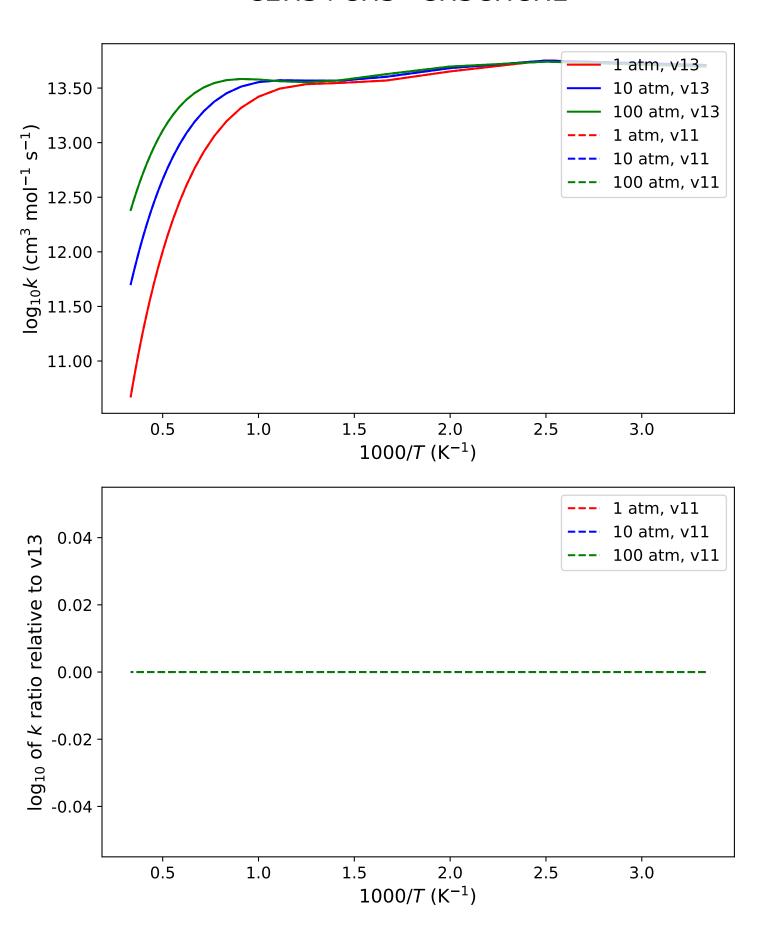
## CH3CHCH+HO2=CH3CHCH2+O2



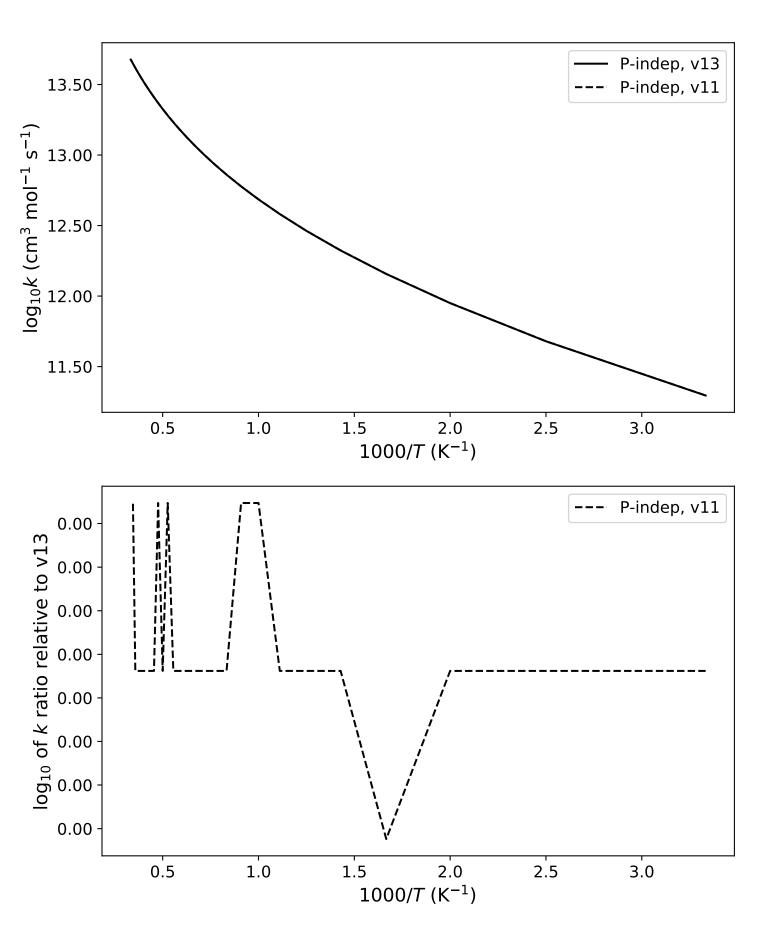
## CH3CH2CH2+H02=CH3CHCH2+H2O2



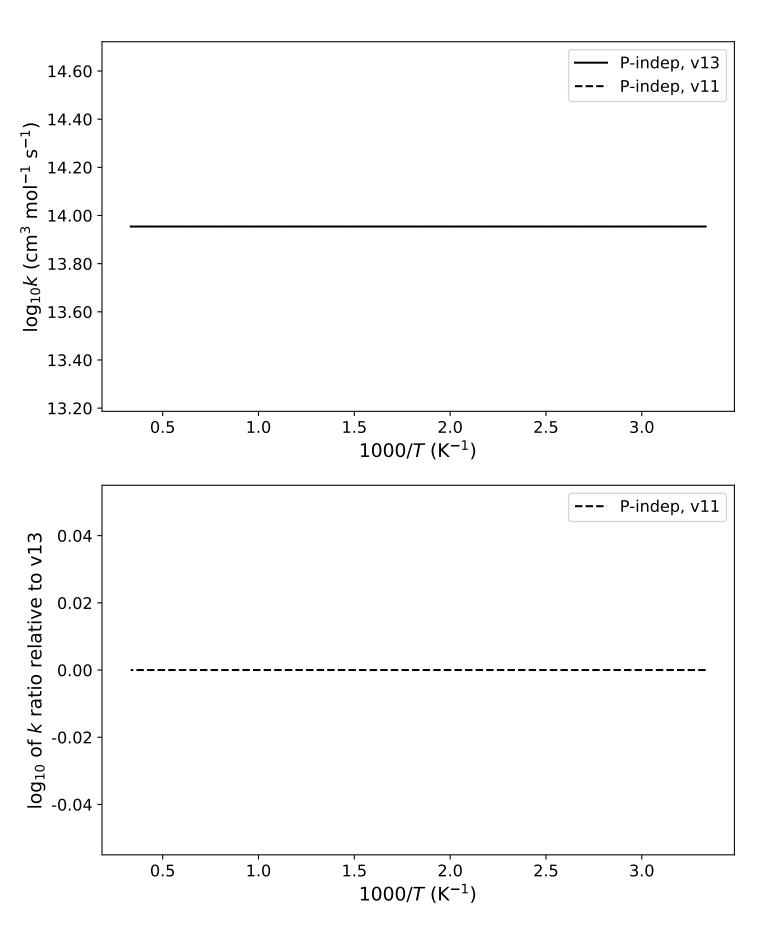
#### C2H3+CH3=CH3CHCH2



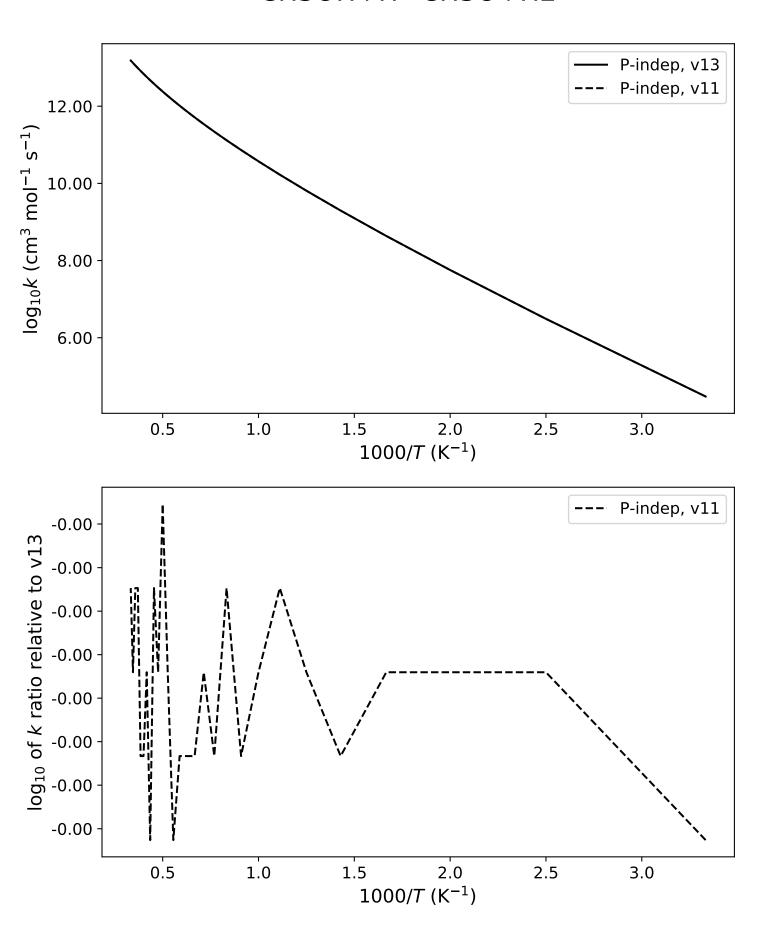
#### C3H8+OH=CH3CH2CH2+H2O



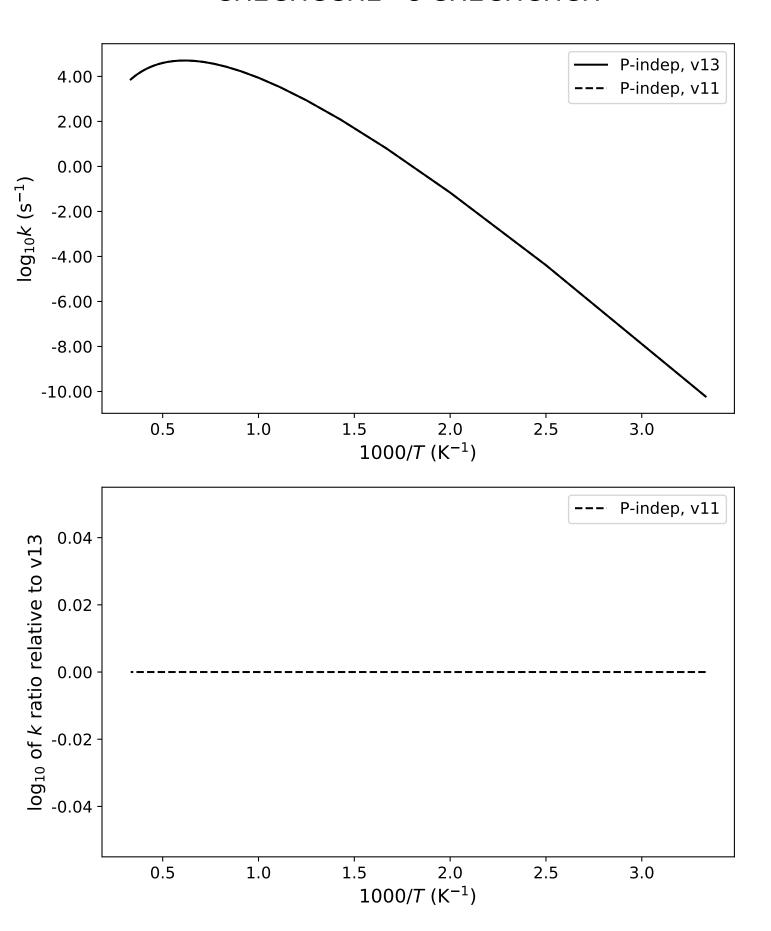
## C6H5+O=C5H5+CO



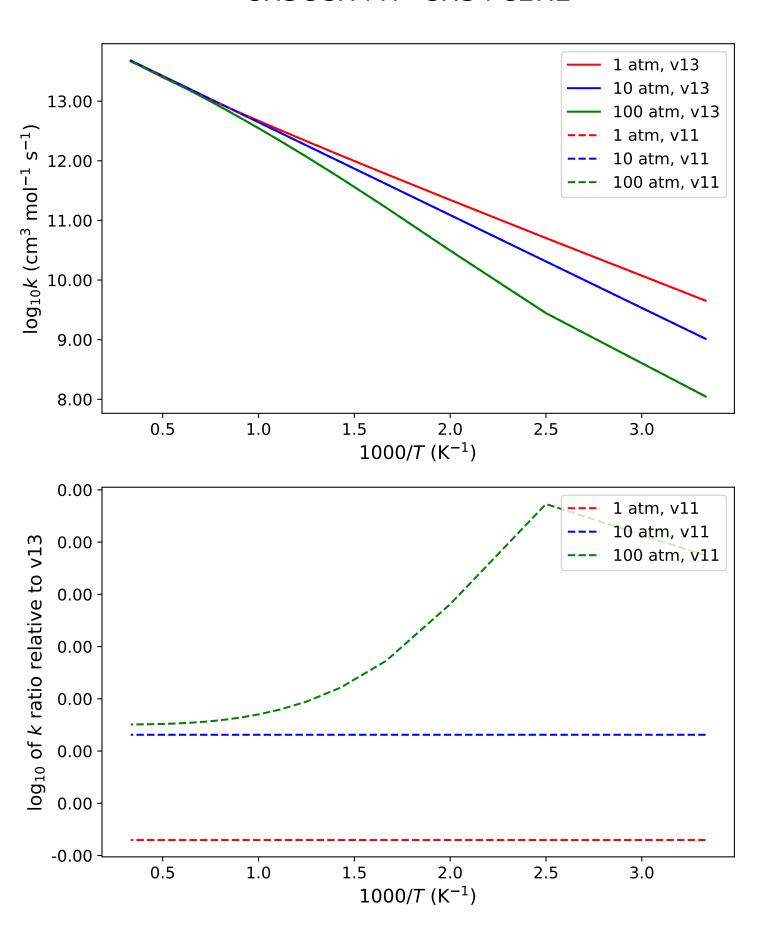
## CH3OH+H=CH3O+H2



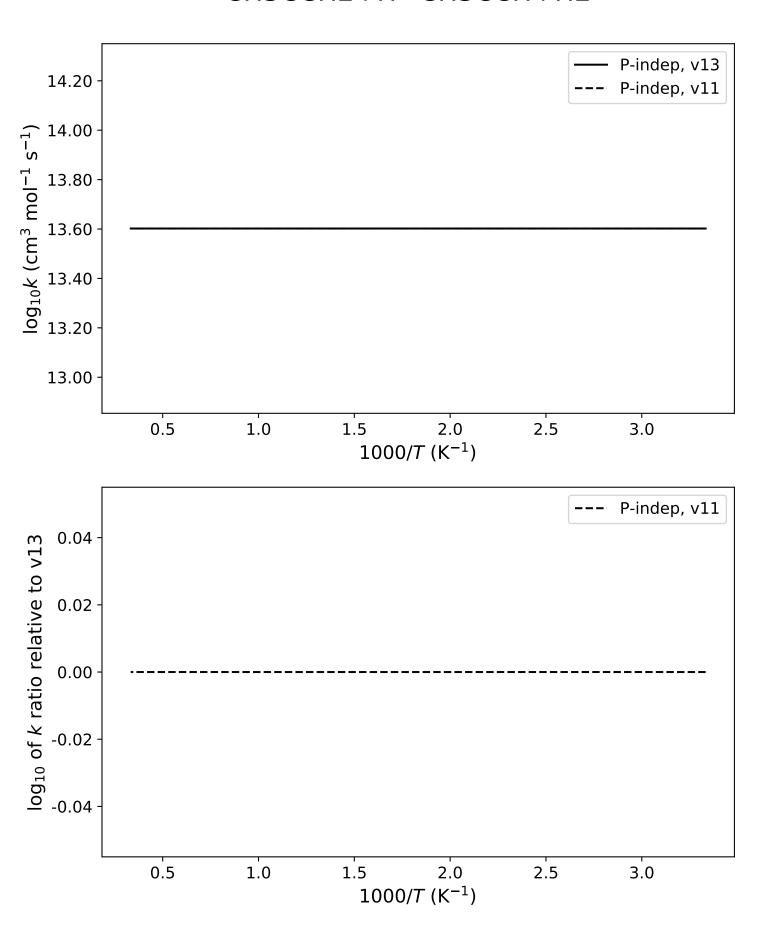
## CH2CHCCH2=c-CH2CHCHCH



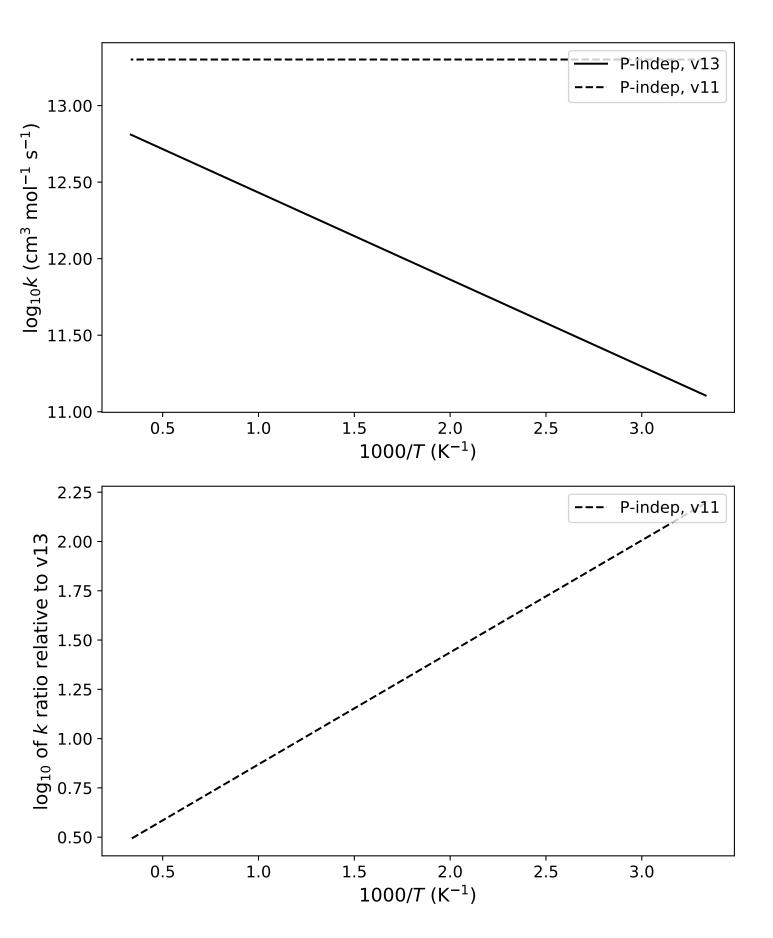
#### CH3CCH+H=CH3+C2H2



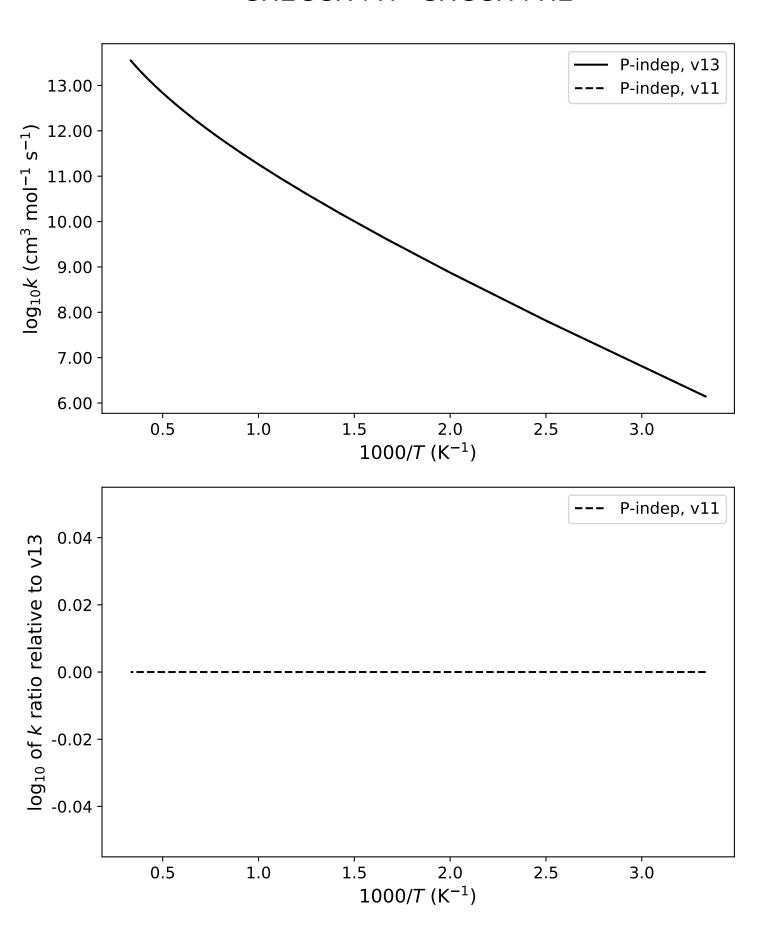
## CH3CCH2+H=CH3CCH+H2



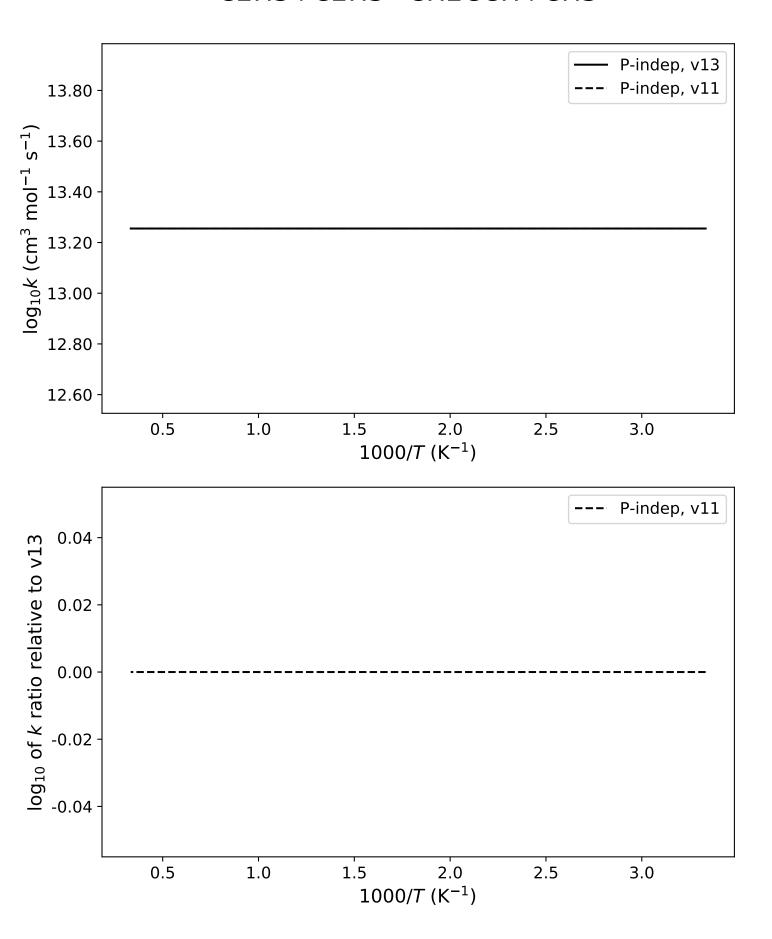
#### CCO+O2=CO+CO+O



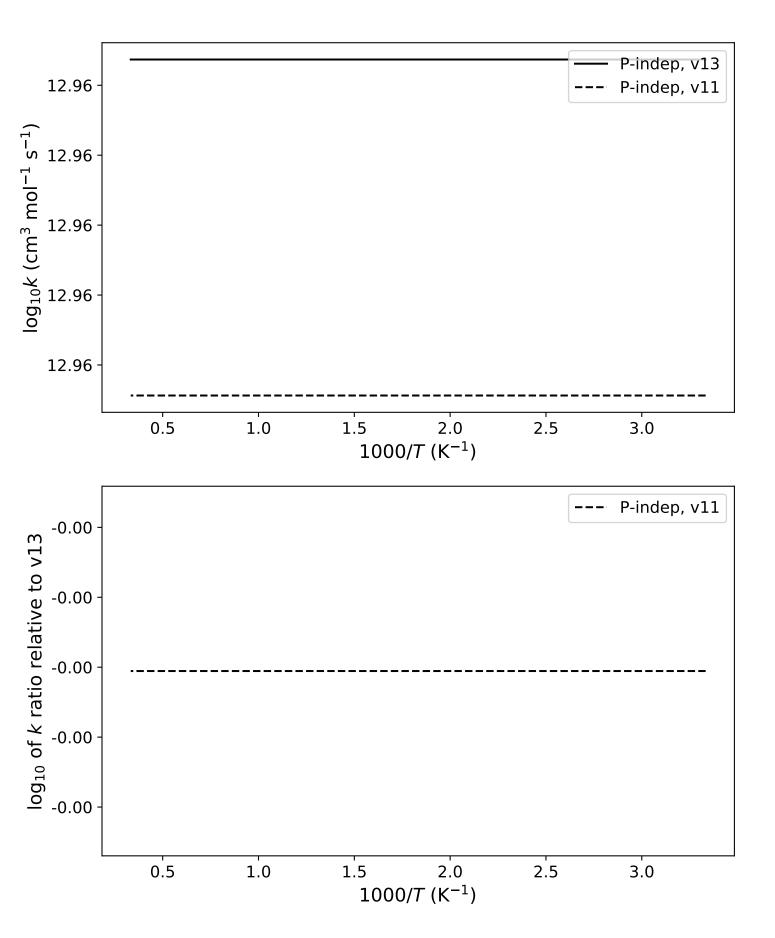
#### CH2CCH+H=CHCCH+H2



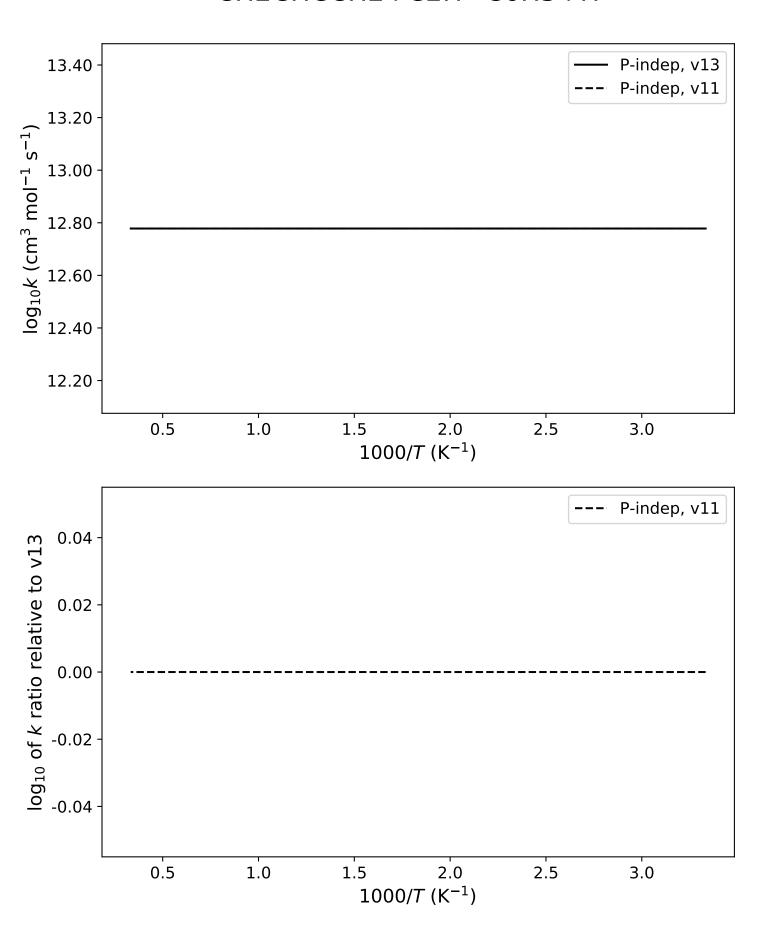
### C2H3+C2H3=CH2CCH+CH3



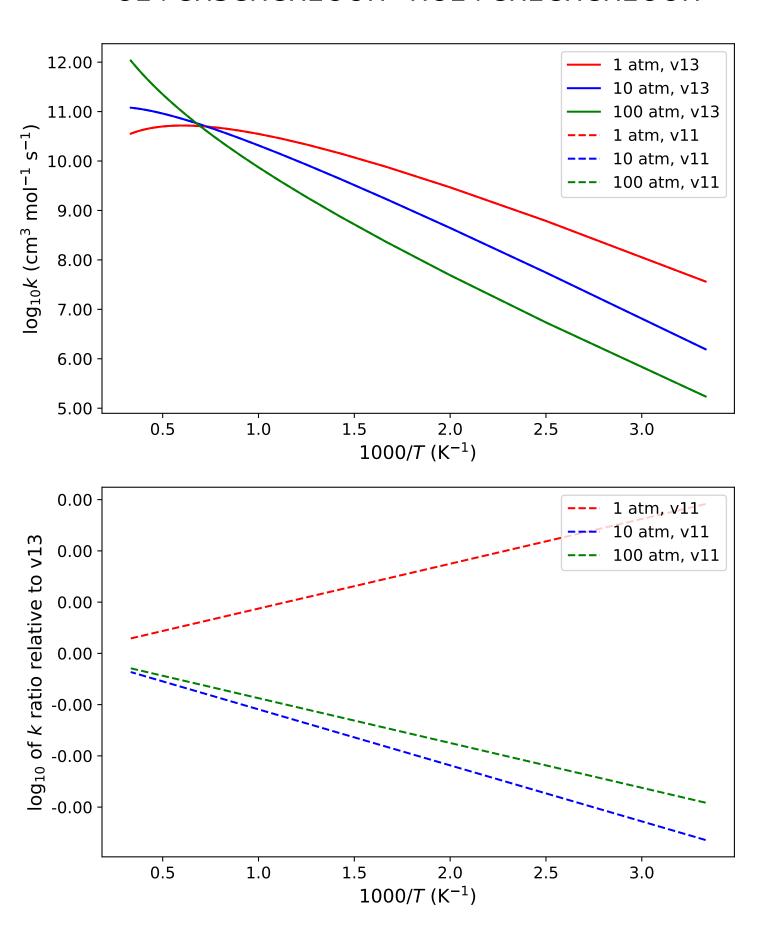
# CH2OH+CH2OH=CH3OH+CH2O



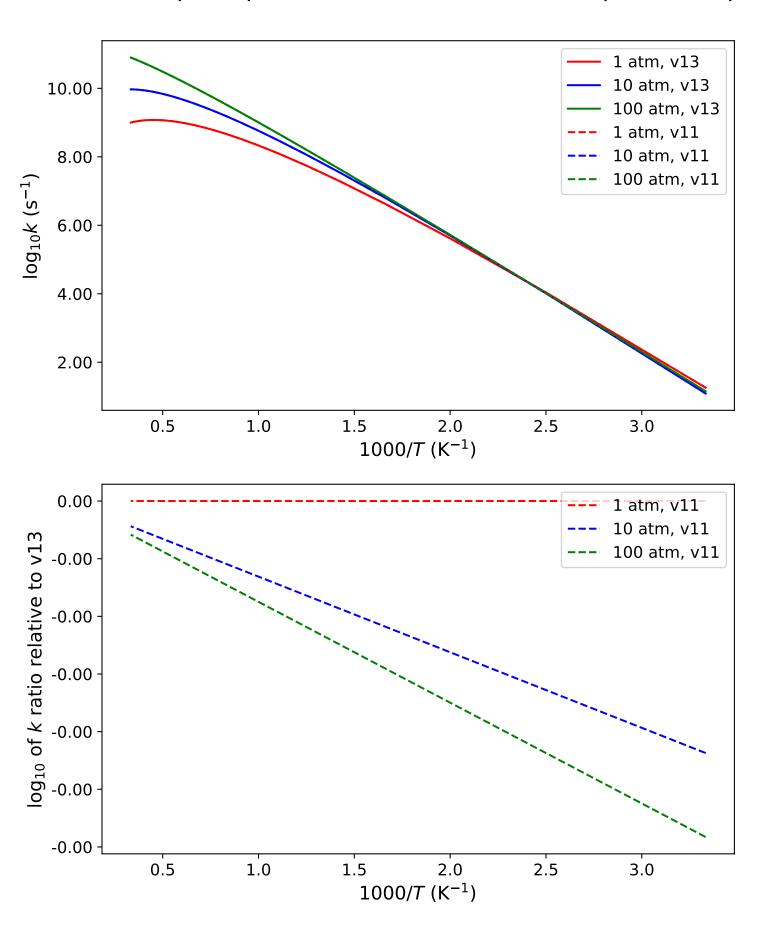
### CH2CHCCH2+C2H=C6H5+H



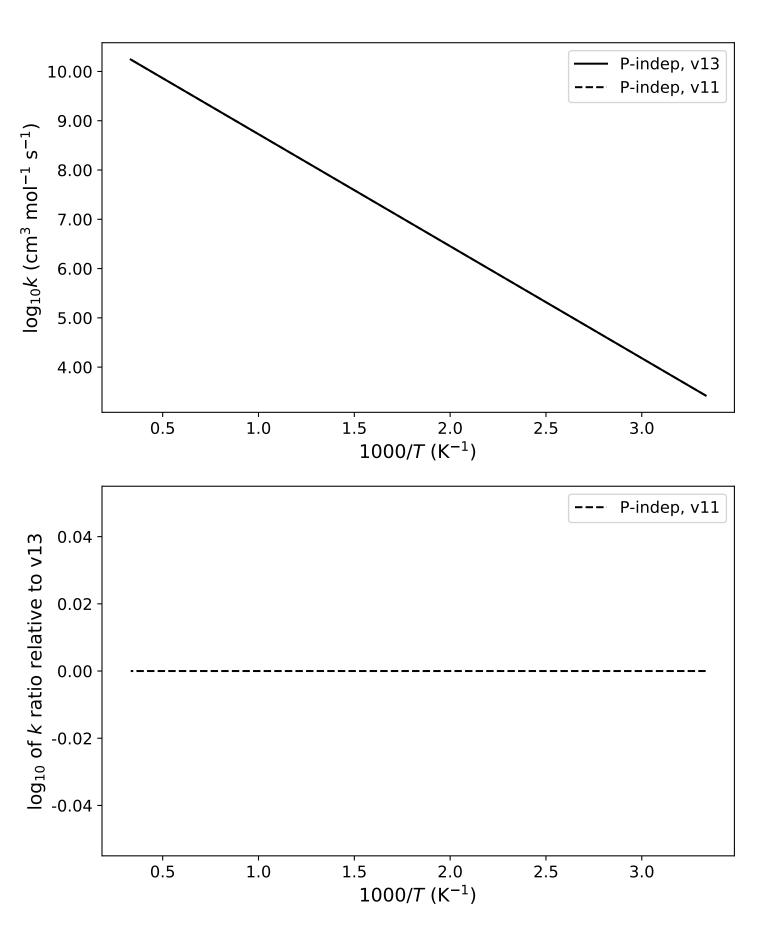
#### O2+CH3CHCH2OOH=HO2+CH2CHCH2OOH



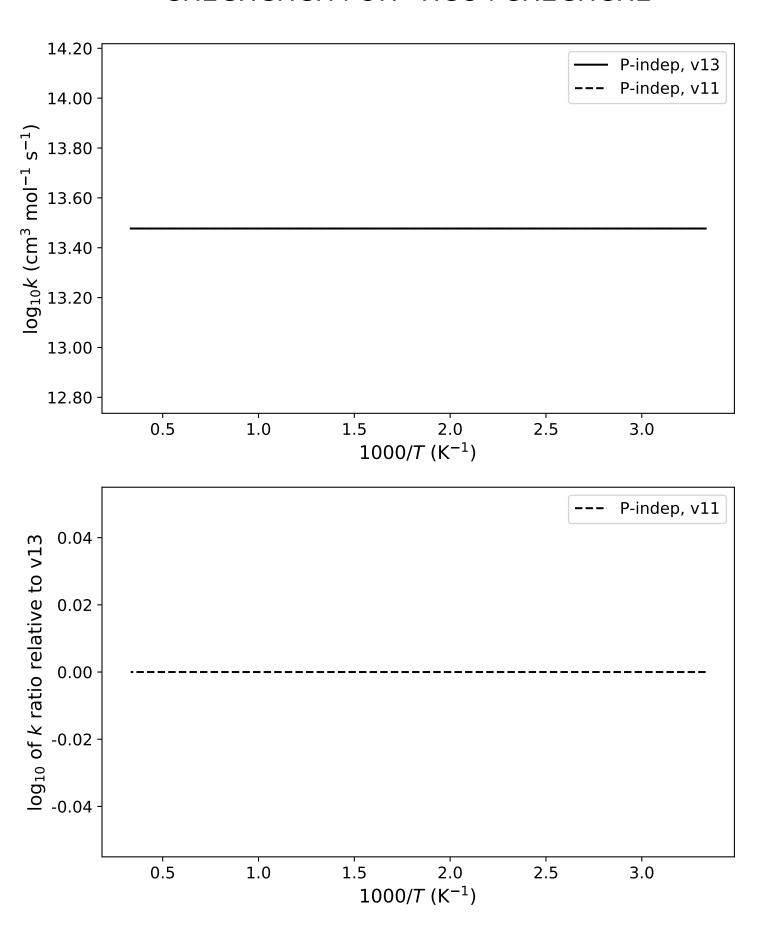
### CH2CH(OOH)CH2OOH=OH+c-CH2OCH(CH2OOH)



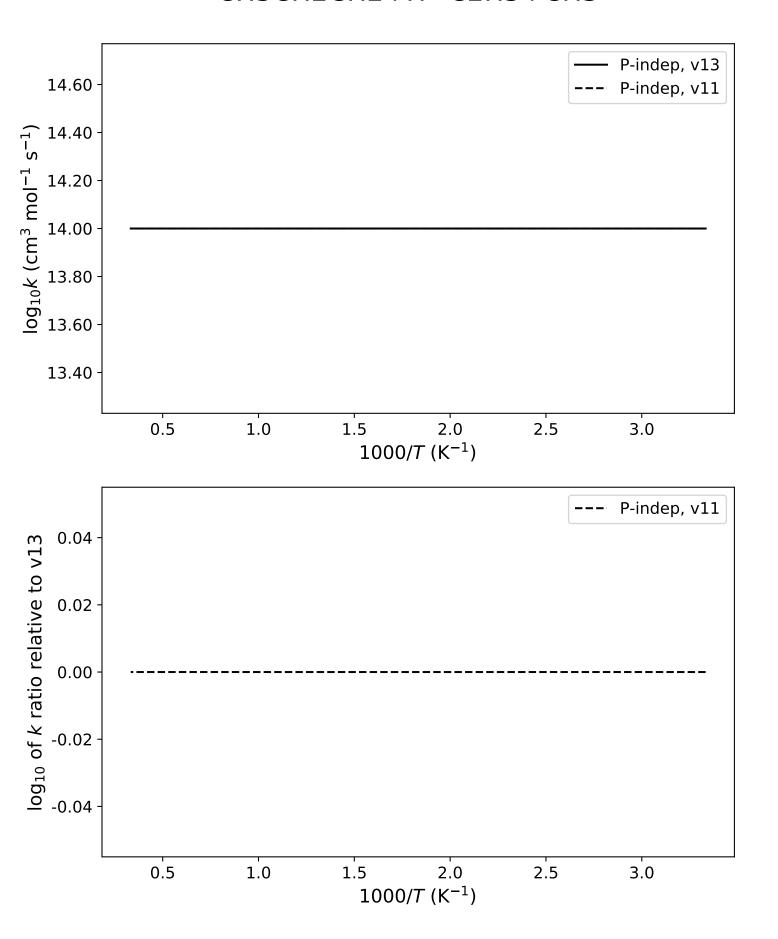
### CH3OCHO+C2H5=CH3OCO+C2H6



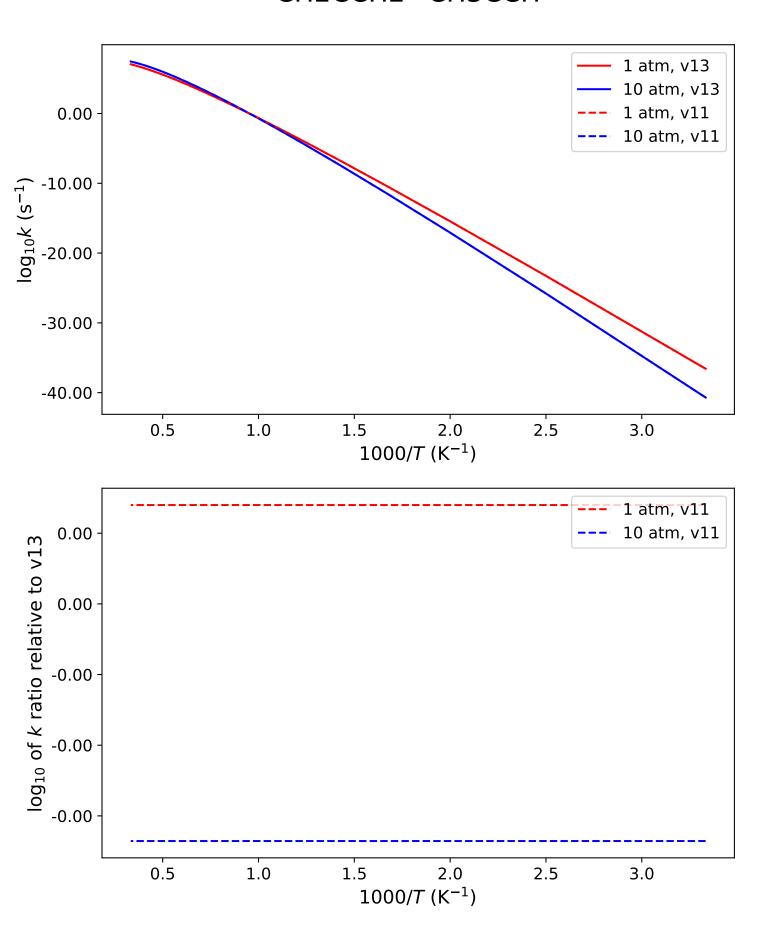
### CH2CHCHCH+OH=HCO+CH2CHCH2



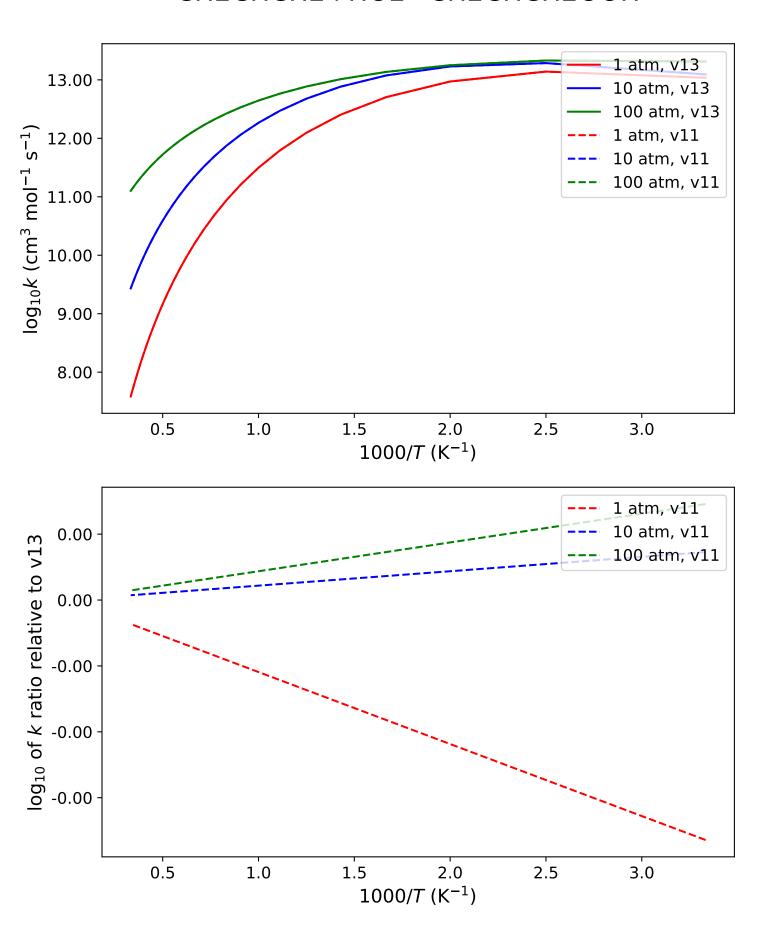
### CH3CH2CH2+H=C2H5+CH3



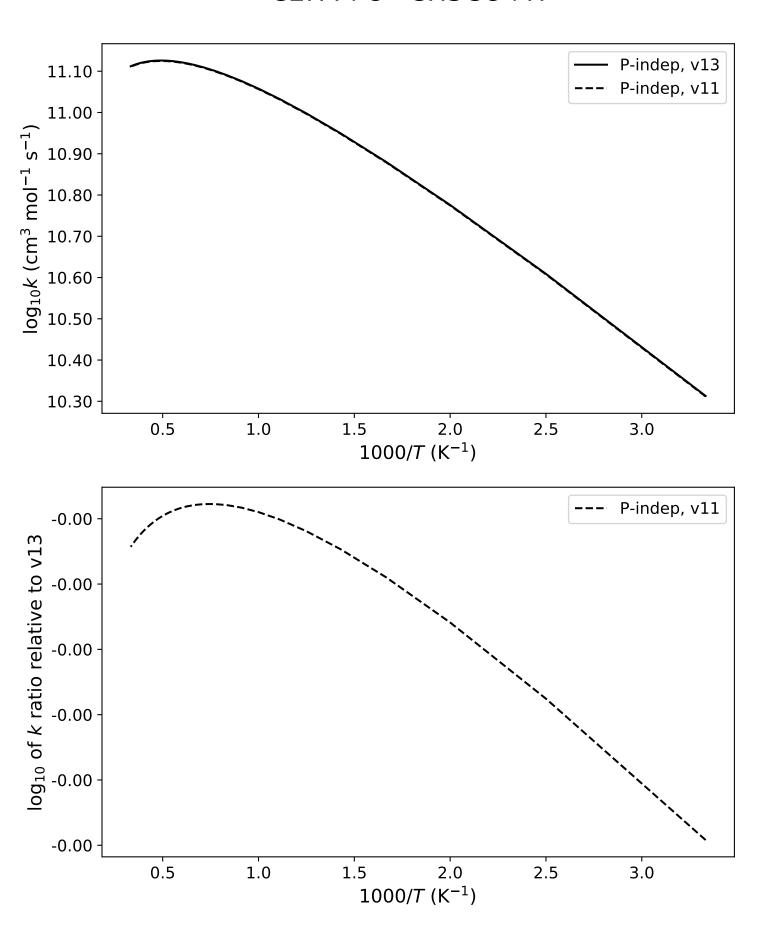
### CH2CCH2=CH3CCH



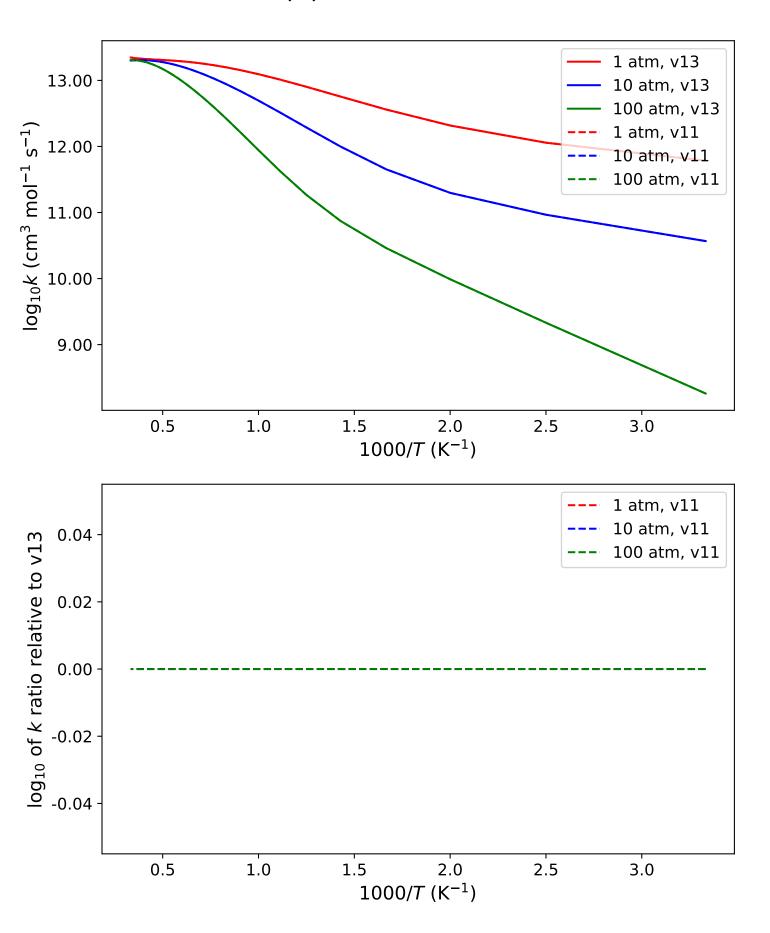
#### CH2CHCH2+HO2=CH2CHCH2OOH



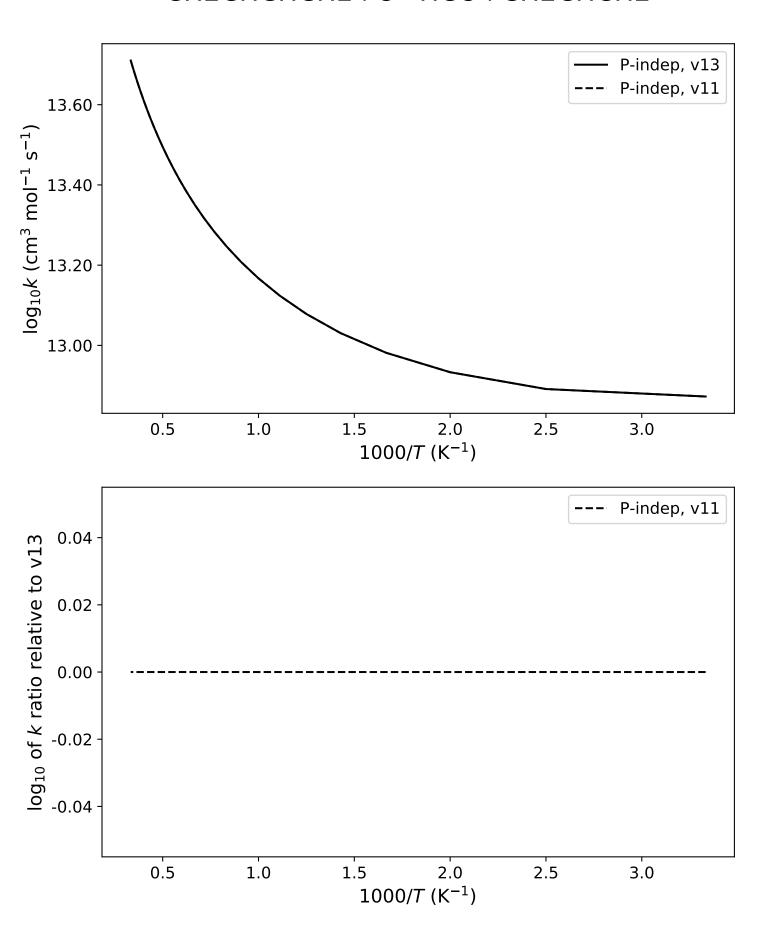
# C2H4+O=CH3CO+H



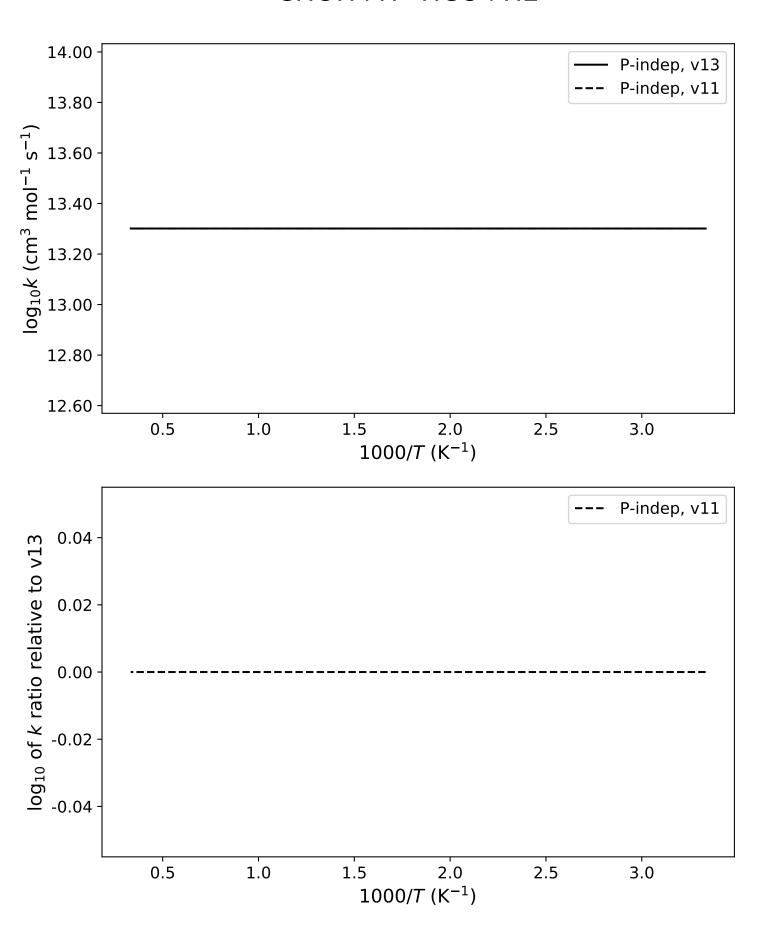
# CH2(S)+C2H4=CH3+C2H3



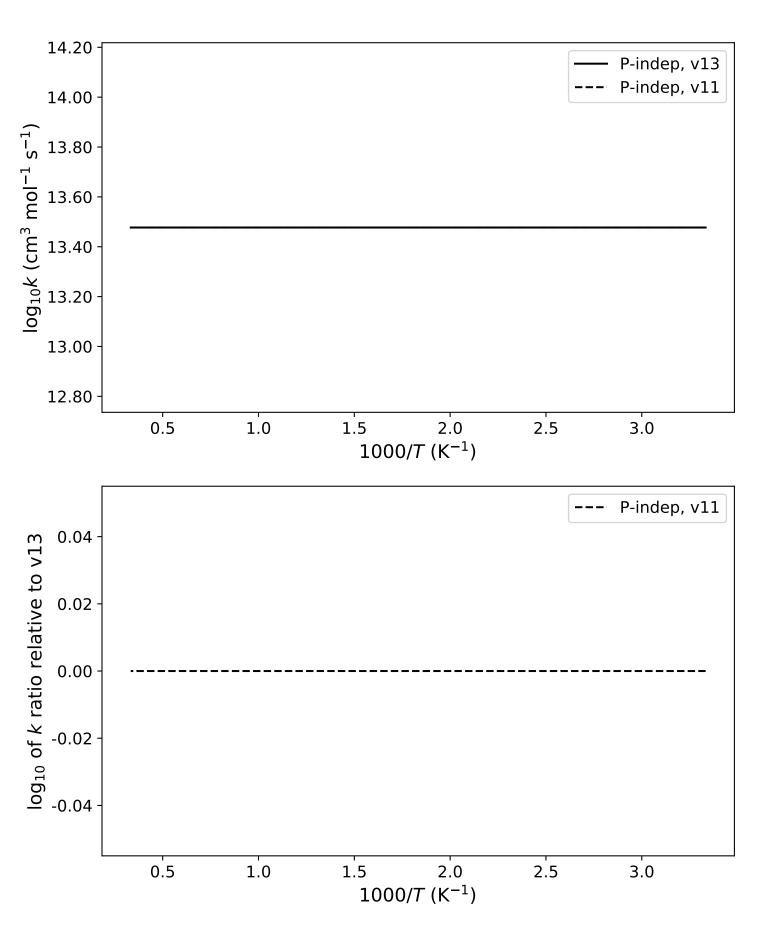
### CH2CHCH2+O=HCO+CH2CHCH2



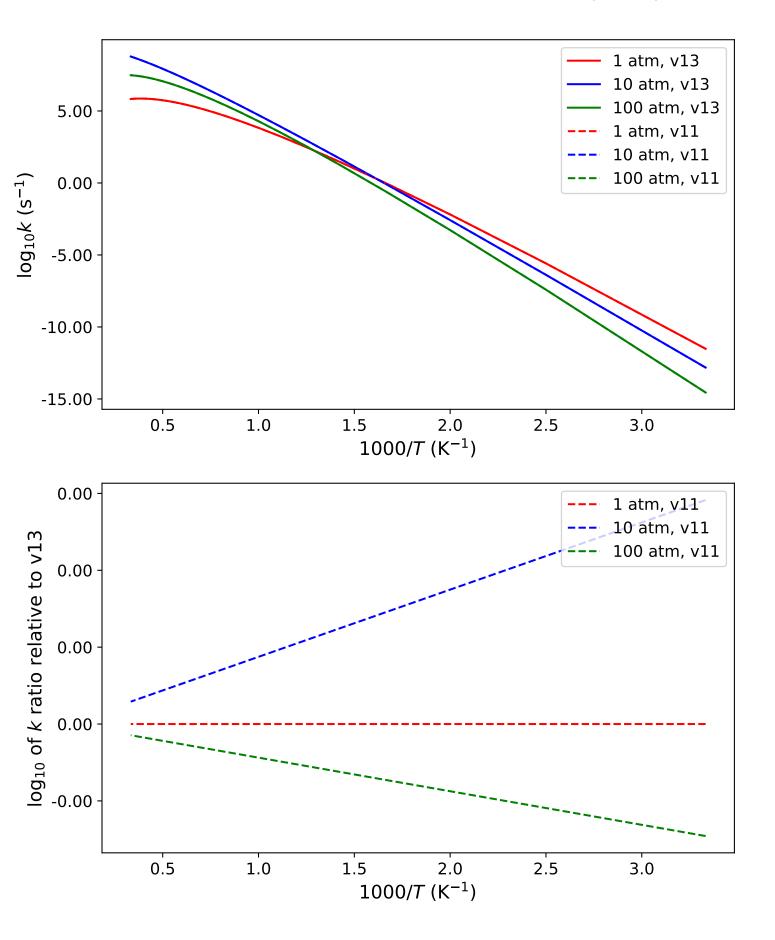
# CHOH+H=HCO+H2



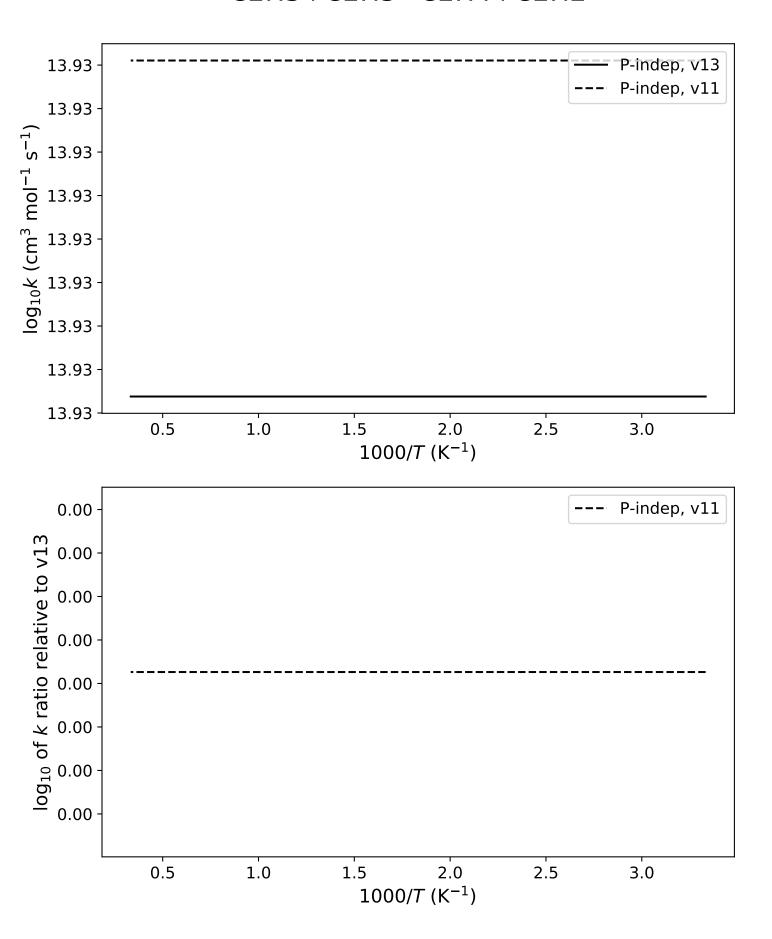
### C2H5+O=C2H4+OH



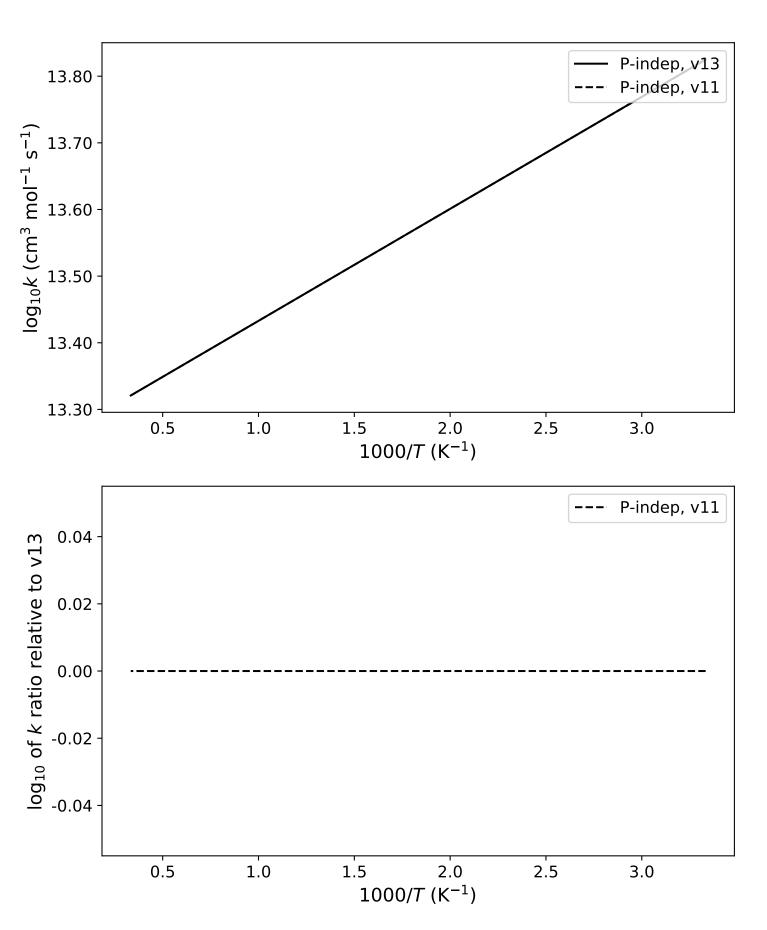
# CH3CH2CH2OO=OH+c-CH2OCH(CH3)



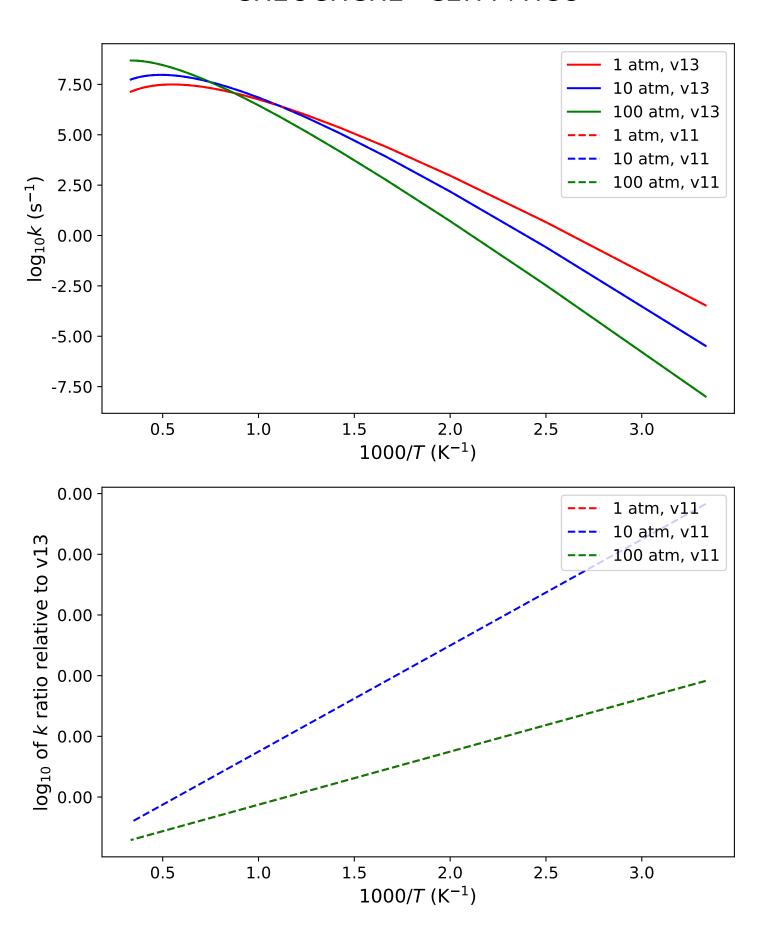
#### C2H3+C2H3=C2H4+C2H2



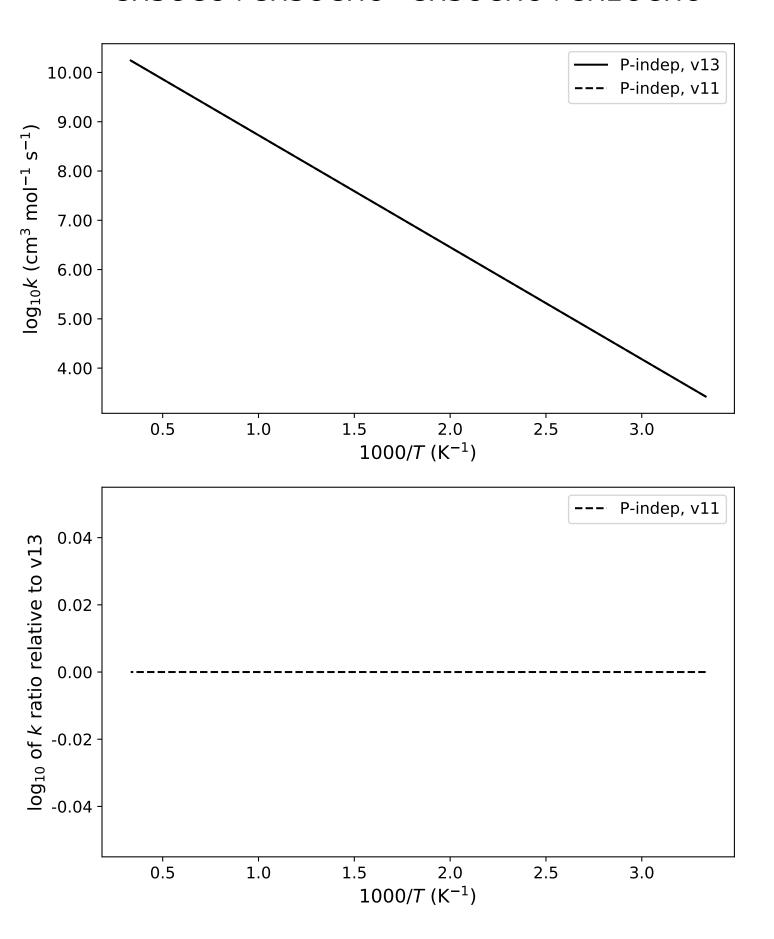
# CH3CH2CH2+CH3=C2H5+C2H5



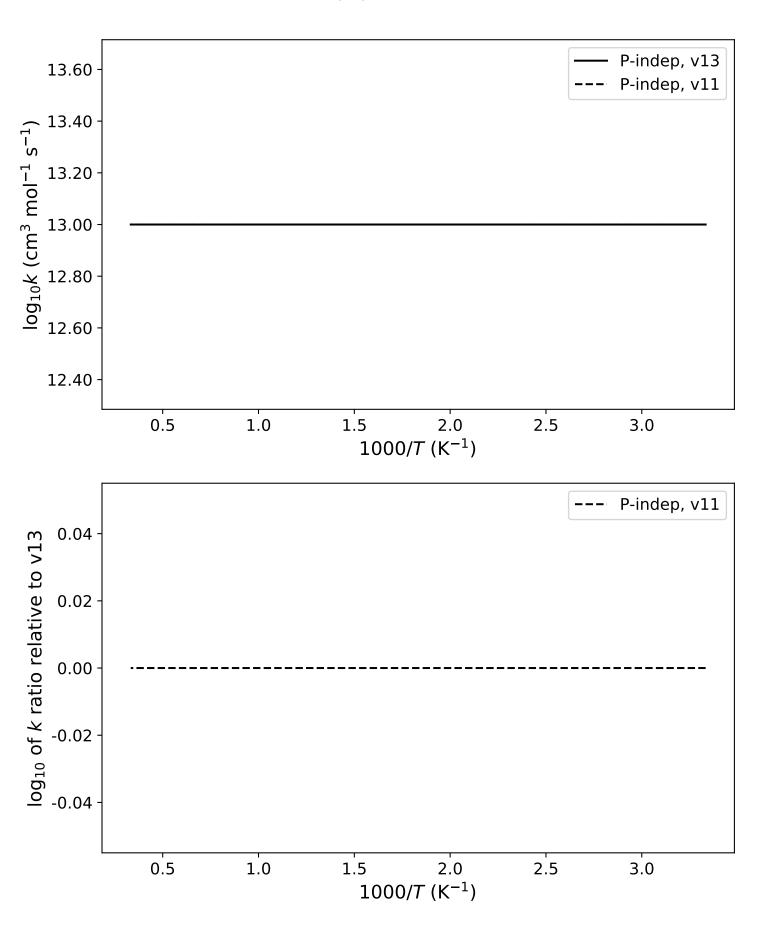
### CH2OCHCH2=C2H4+HCO



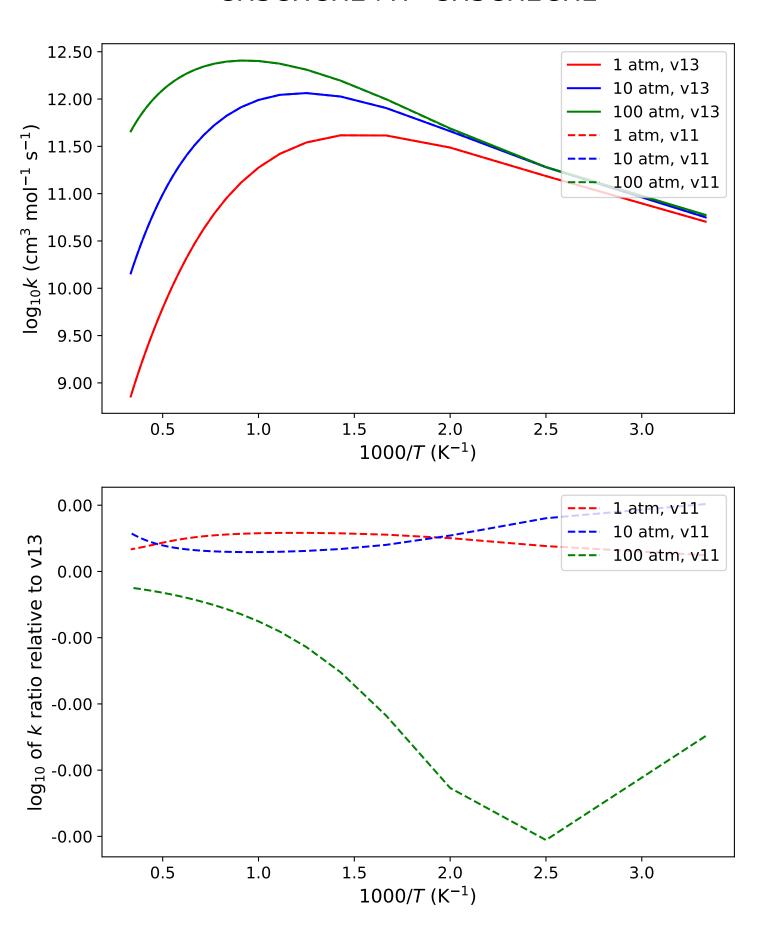
### CH3OCO+CH3OCHO=CH3OCHO+CH2OCHO



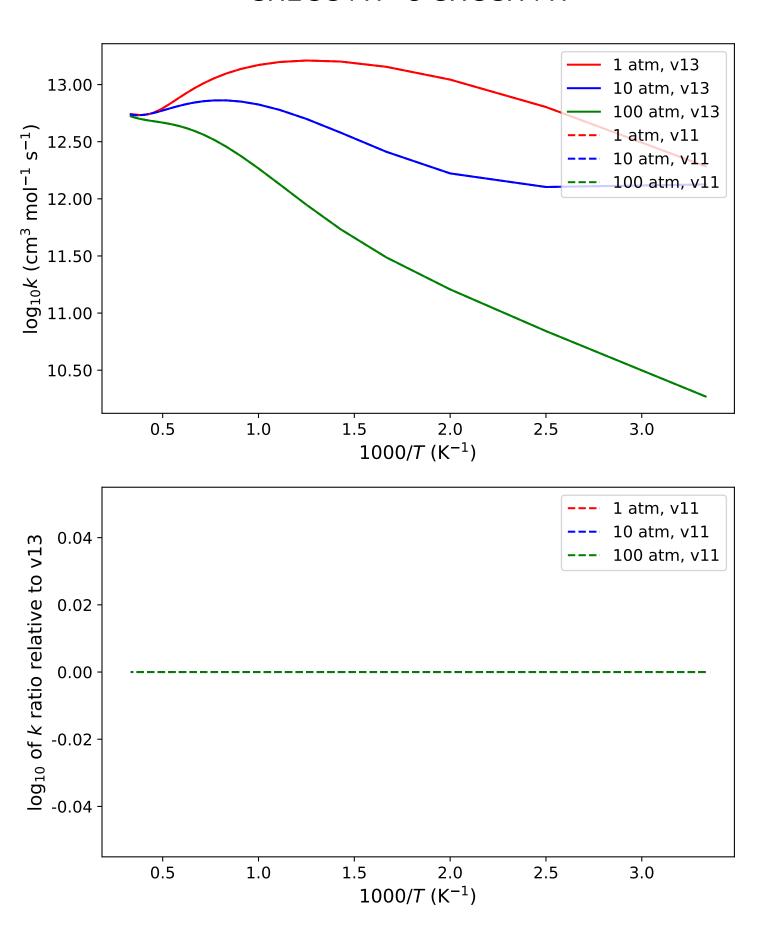
# CH2(S)+M=CH2+M



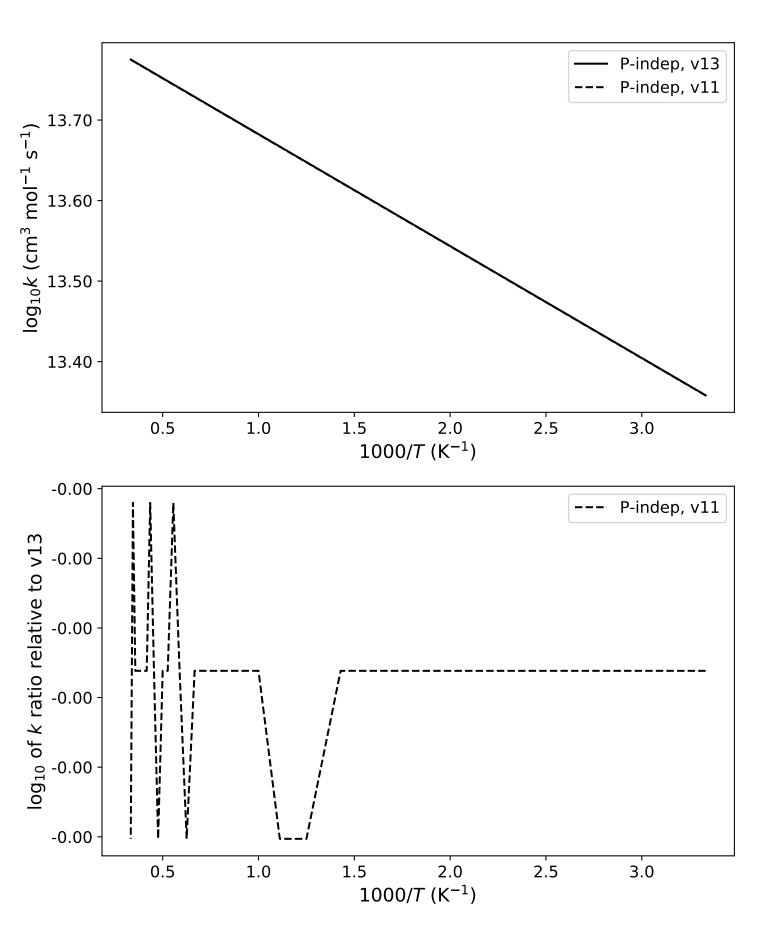
# CH3CHCH2+H=CH3CH2CH2



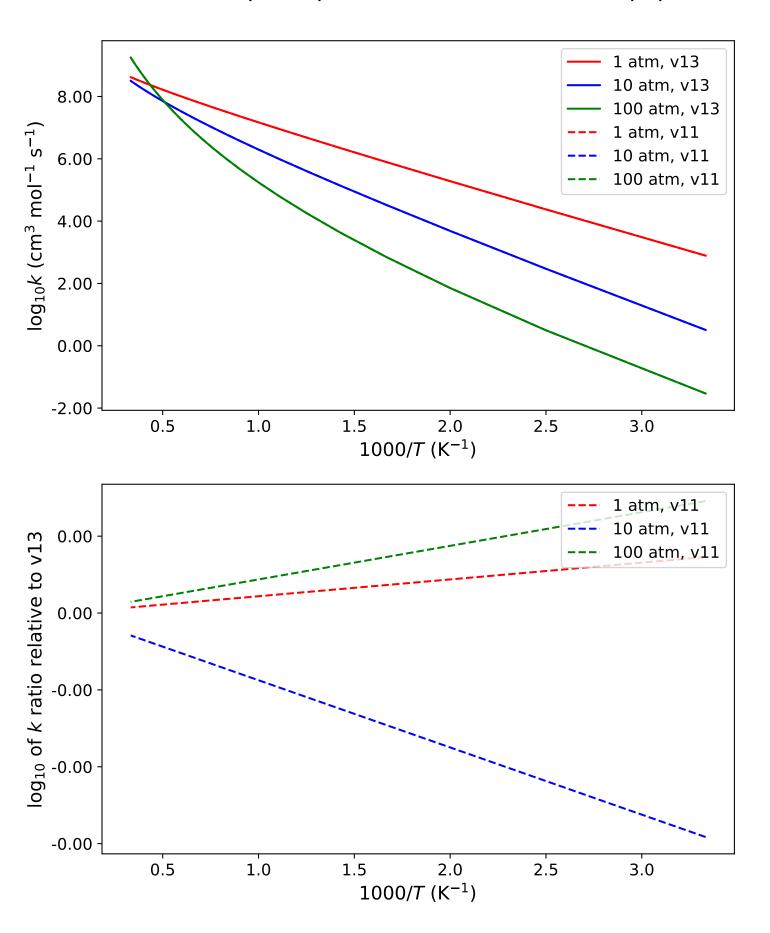
### CH2CC+H=c-CHCCH+H



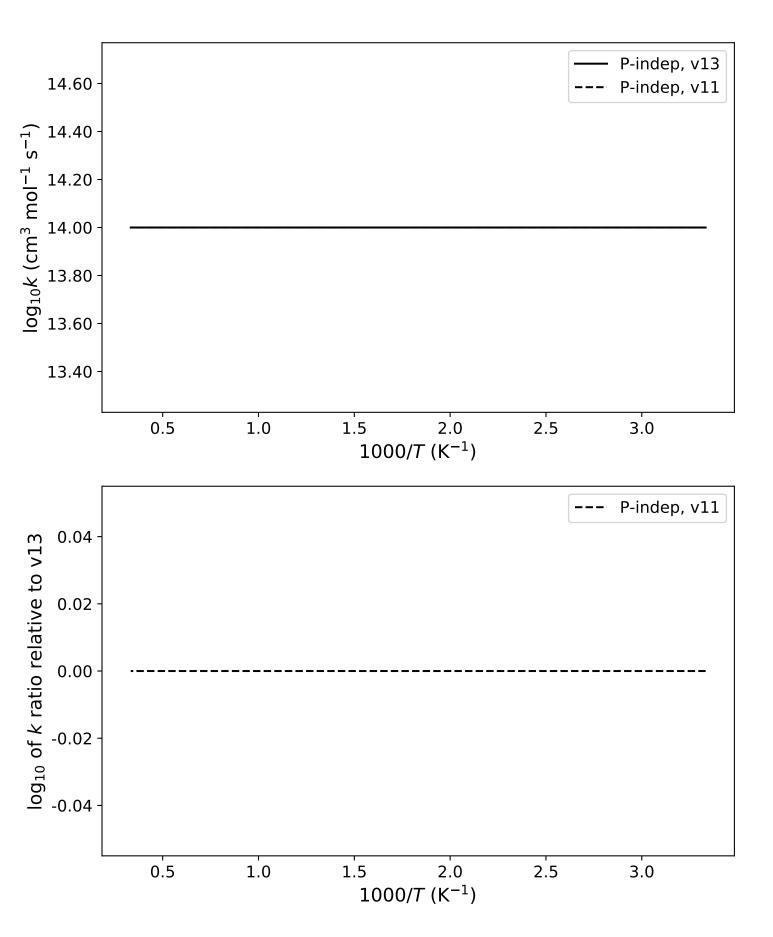
### C+O2=CO+O



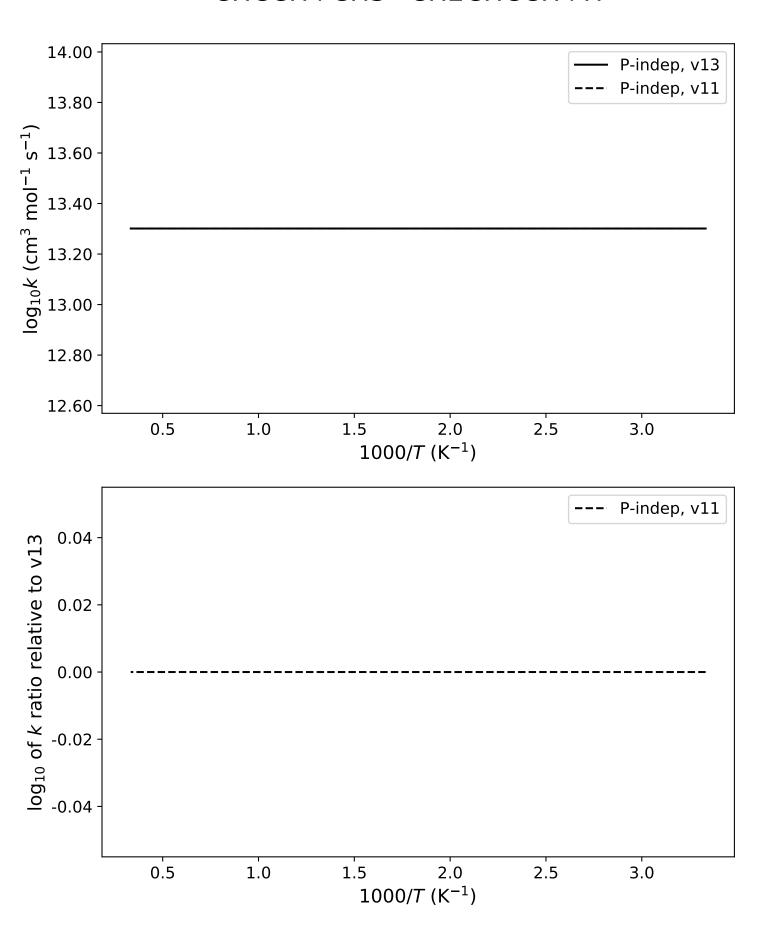
### O2+CH3CH(OOH)CH2=OH+OH+CH3CH(O)CHO



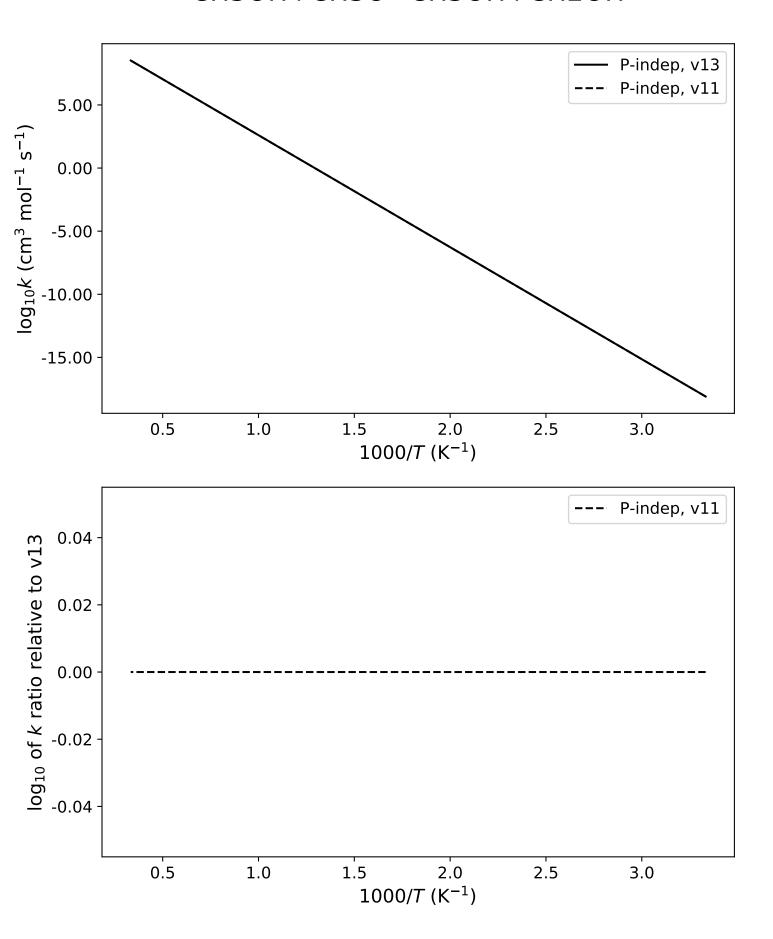
# CHOH+O=CO+H+OH



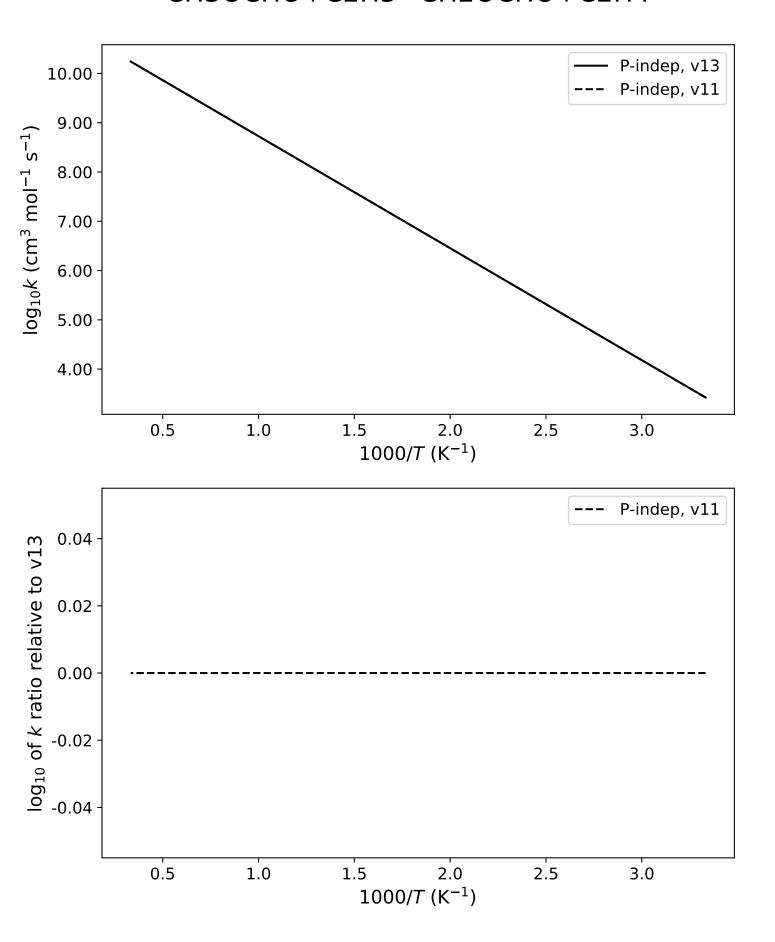
### CHCCH+CH3=CH2CHCCH+H



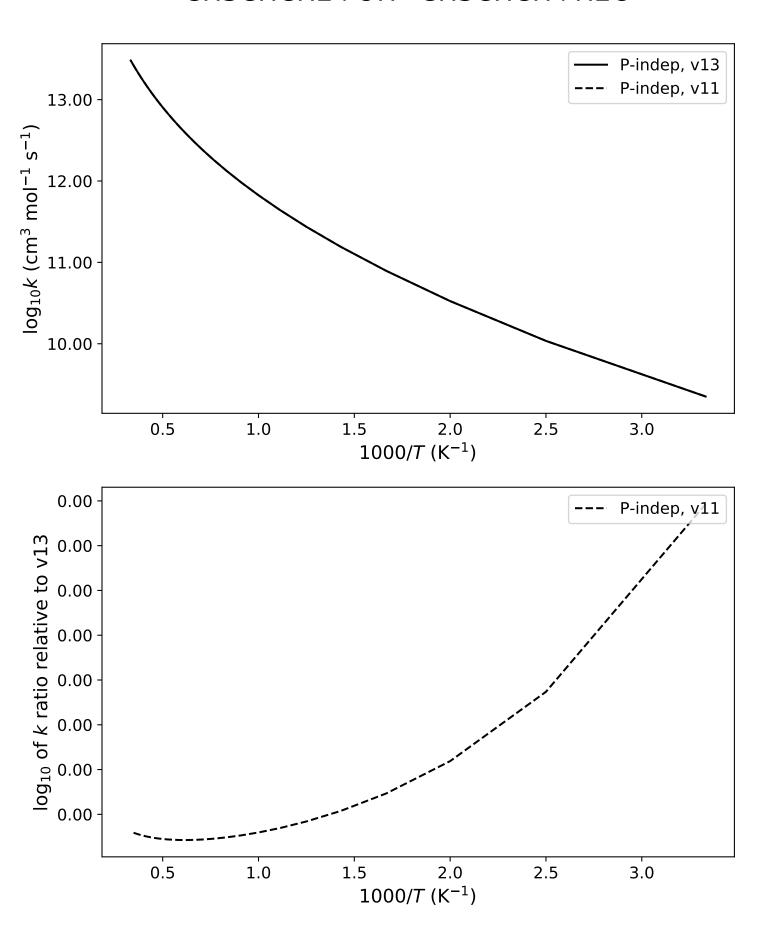
### CH3OH+CH3O=CH3OH+CH2OH



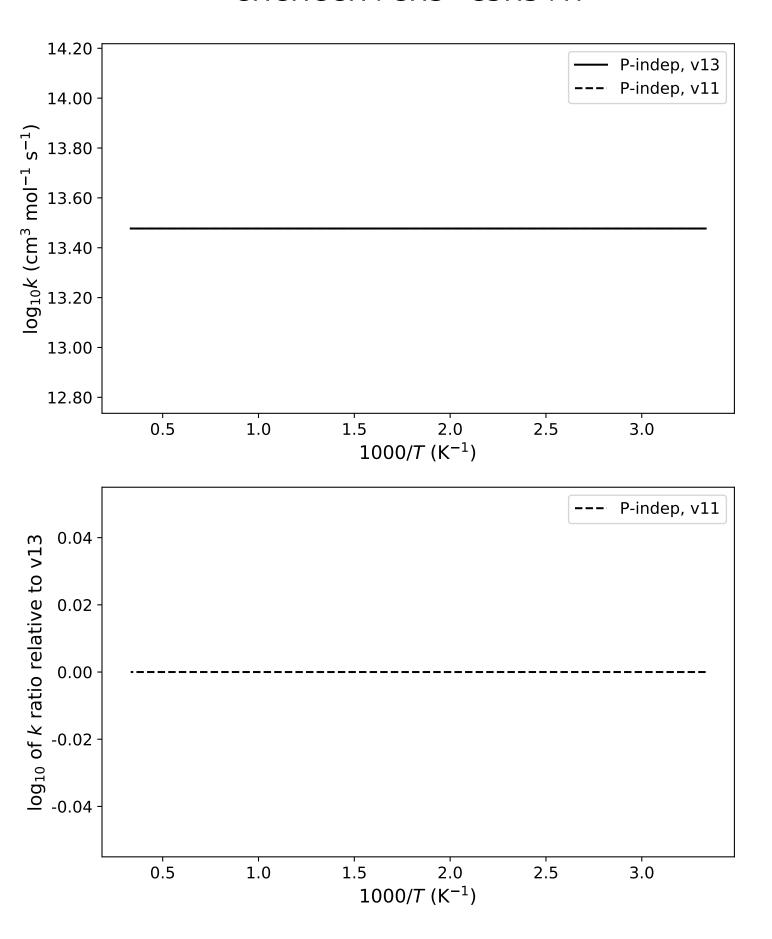
### CH3OCHO+C2H3=CH2OCHO+C2H4



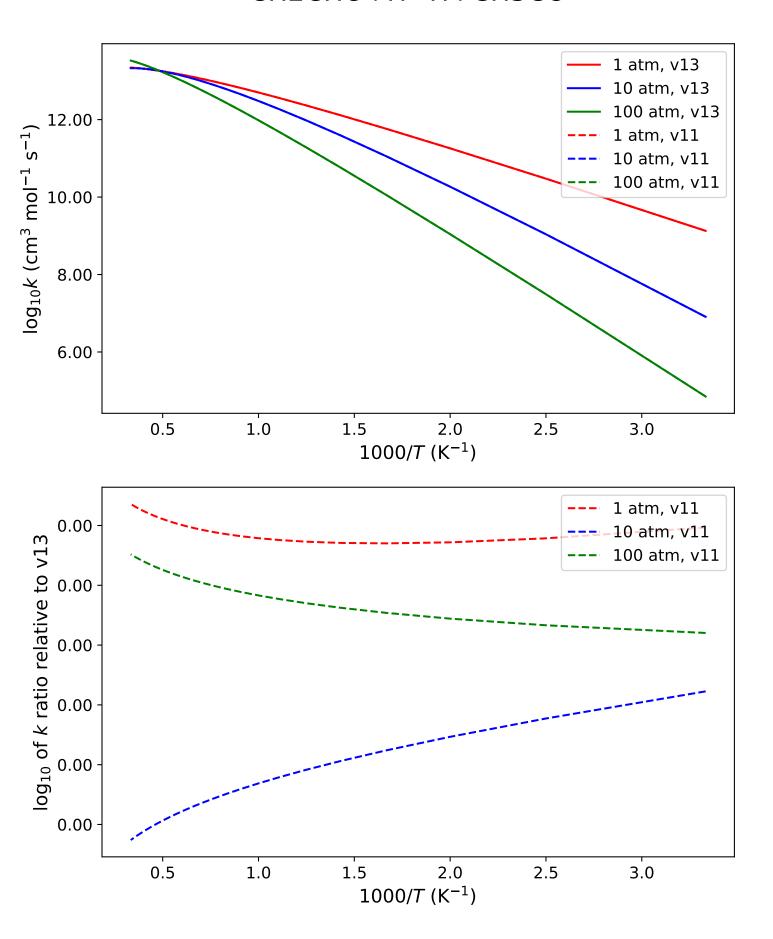
# CH3CHCH2+OH=CH3CHCH+H2O



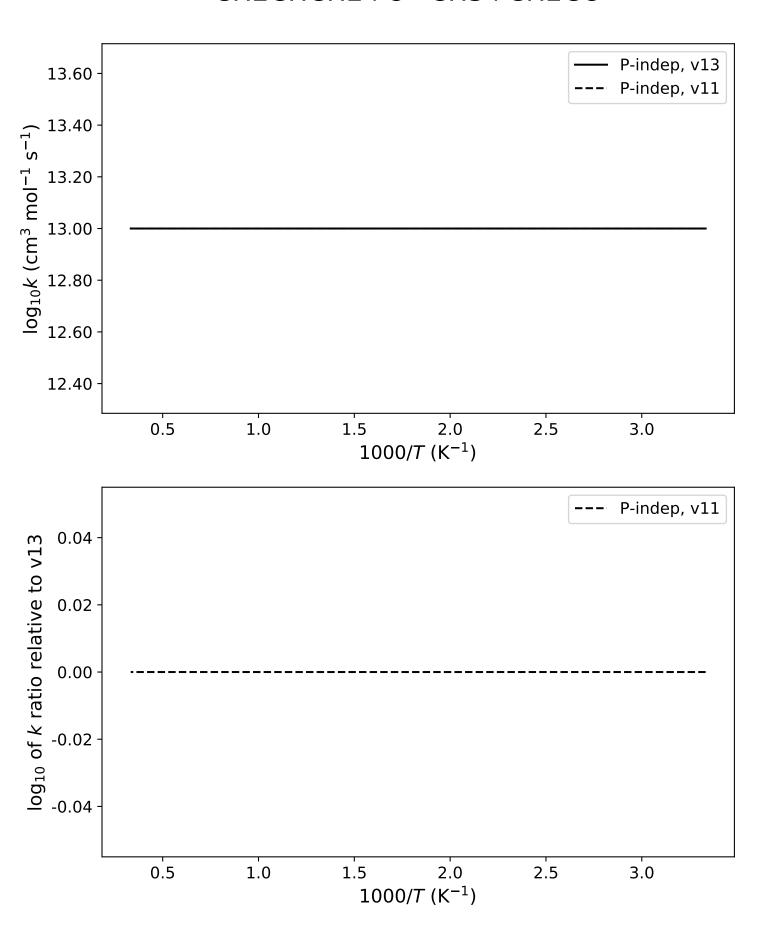
### CHCHCCH+CH3=C5H5+H



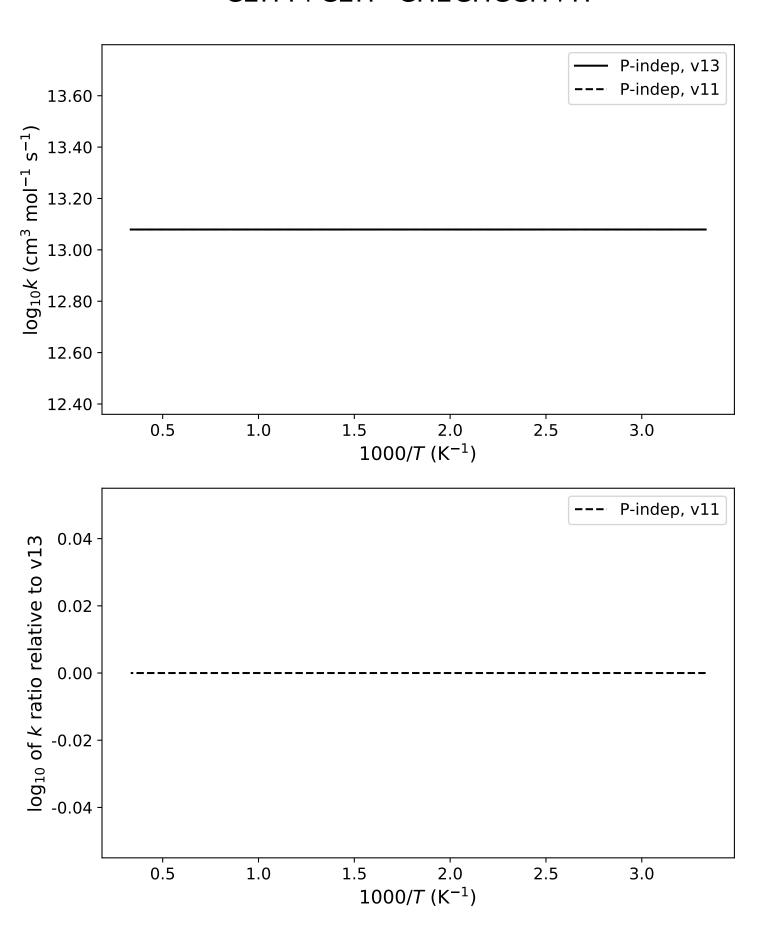
### CH2CHO+H=H+CH3CO



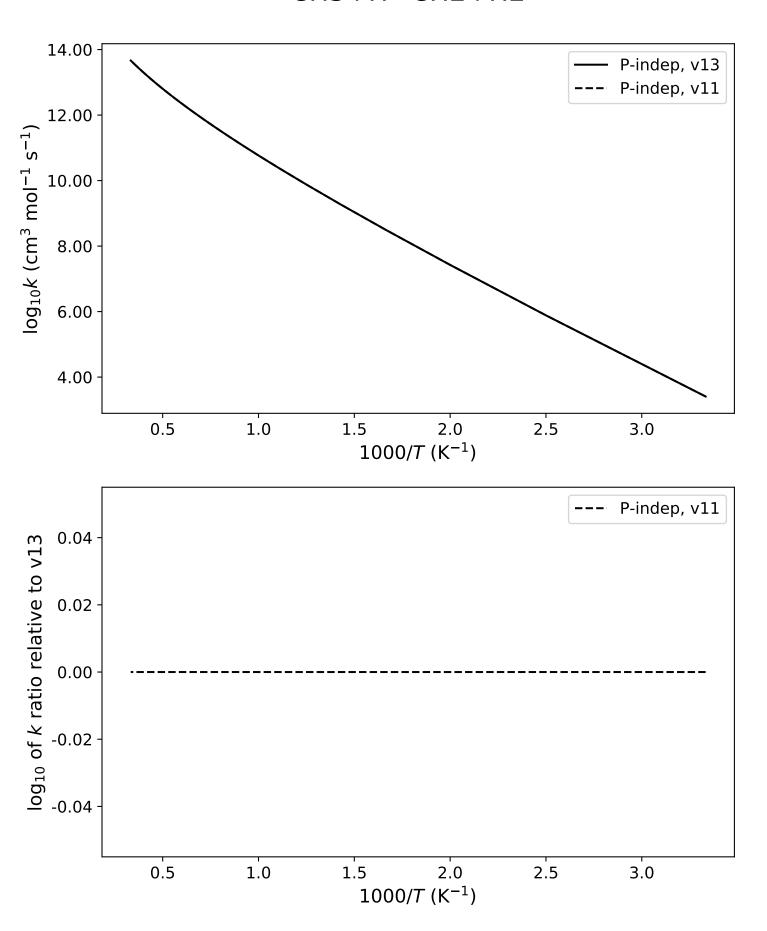
# CH2CHCH2+O=CH3+CH2CO



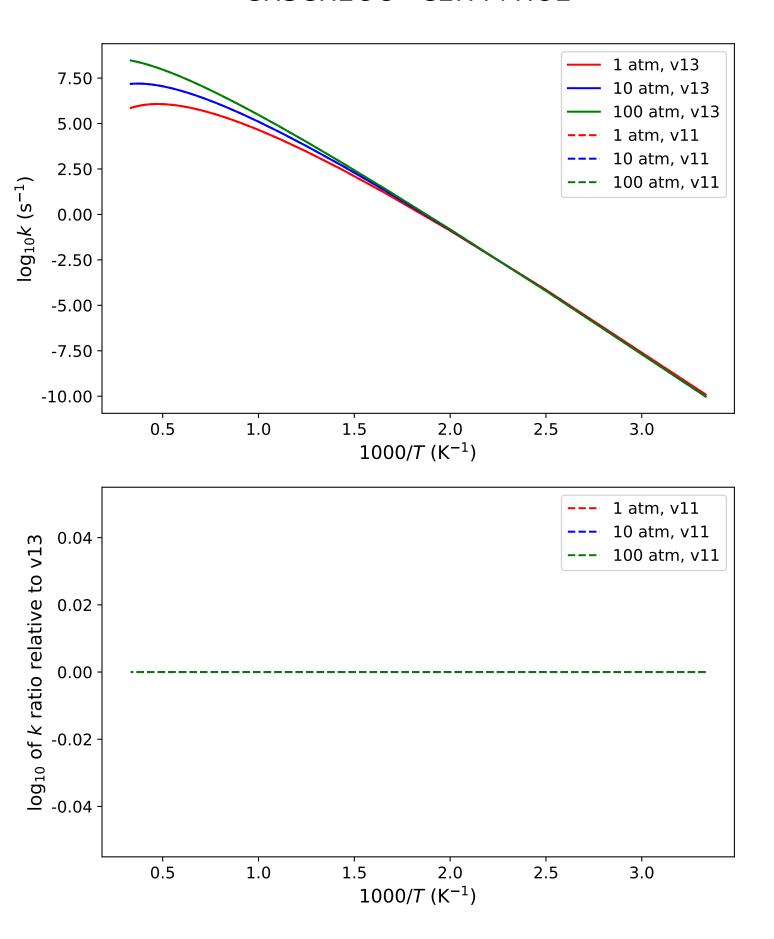
### C2H4+C2H=CH2CHCCH+H



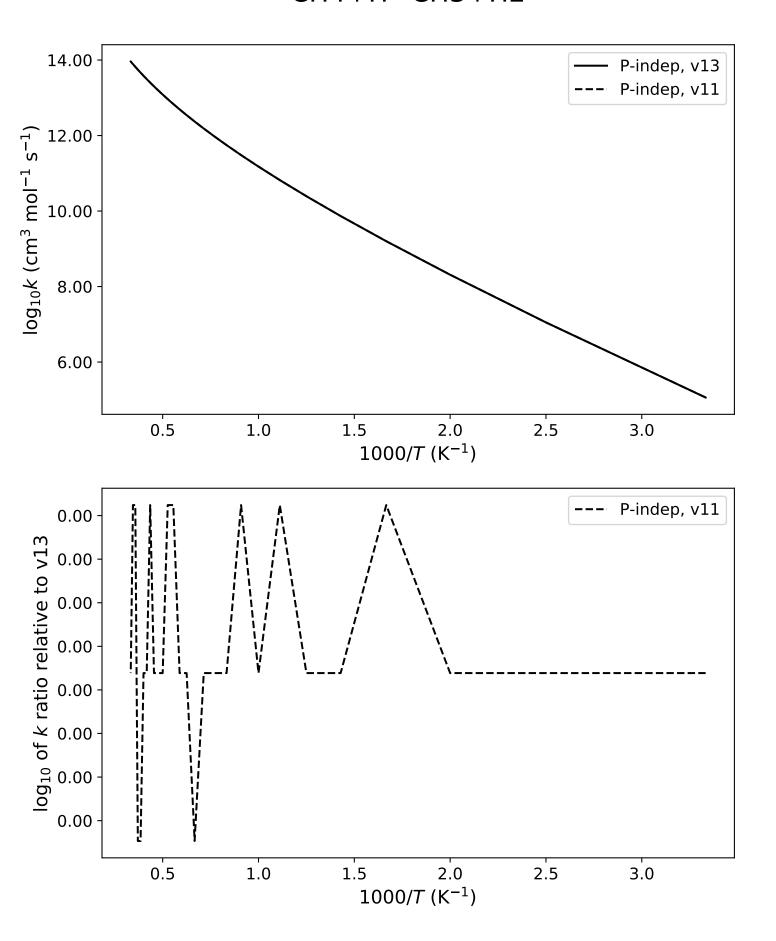
### CH3+H=CH2+H2



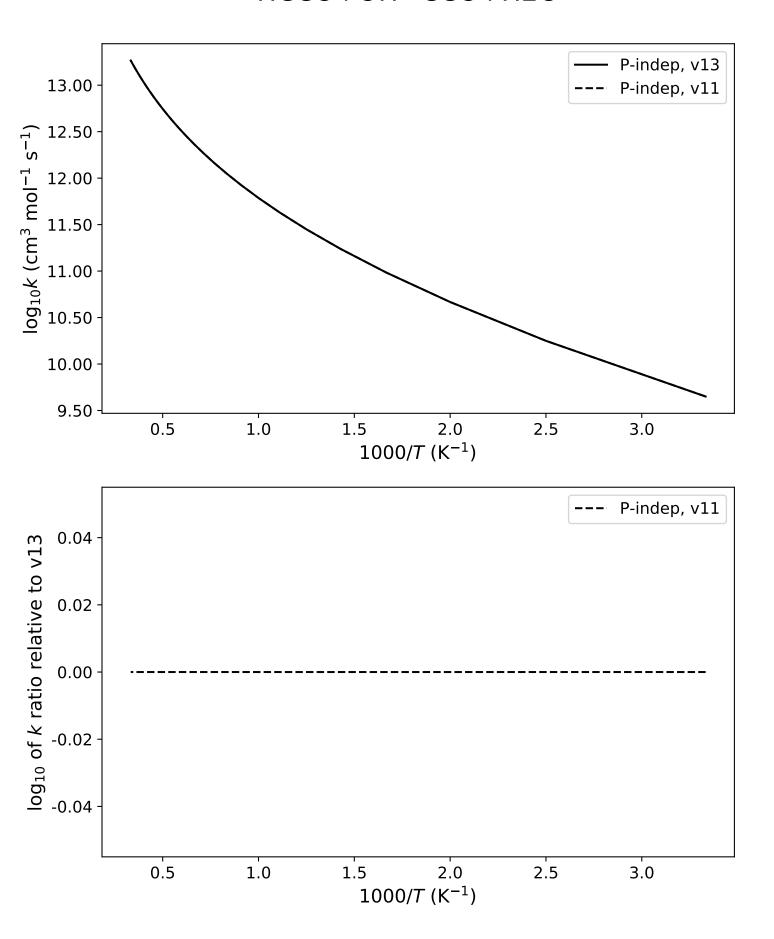
### CH3CH2OO=C2H4+HO2



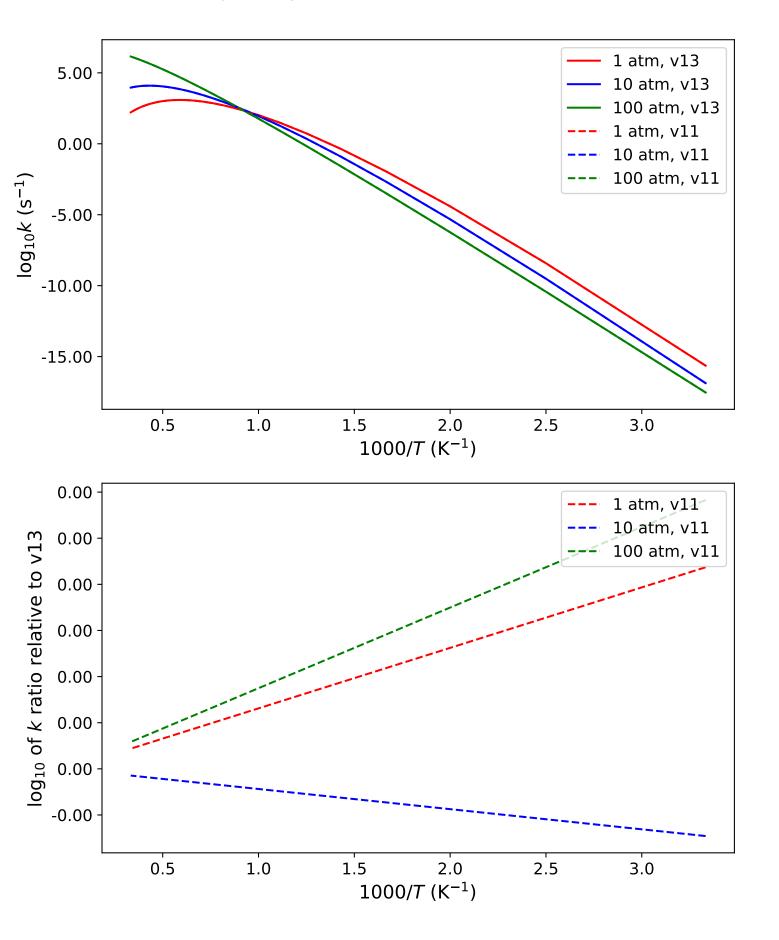
## CH4+H=CH3+H2



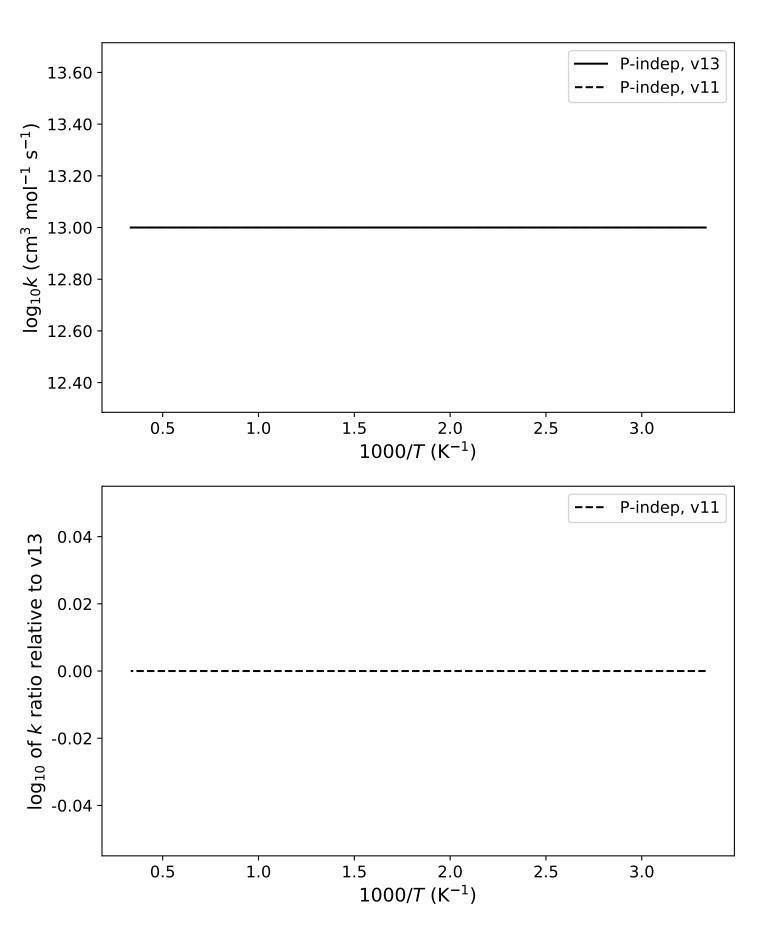
## HCCO+OH=CCO+H2O



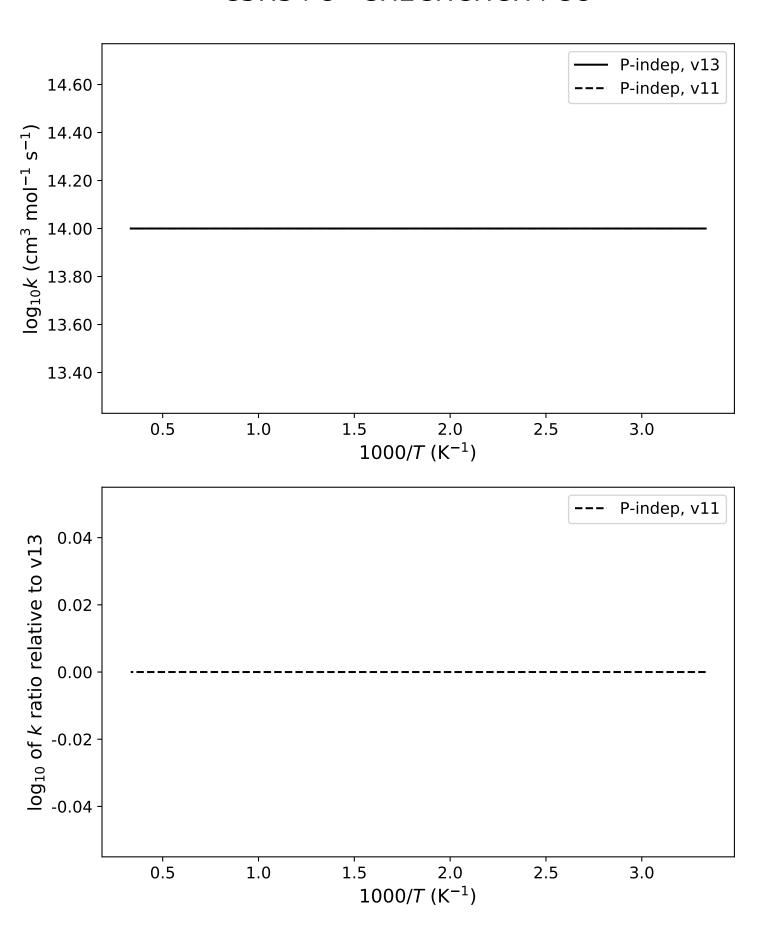
# CH3CH(OOH)CH2OO=HO2+CH3CHCHOOH



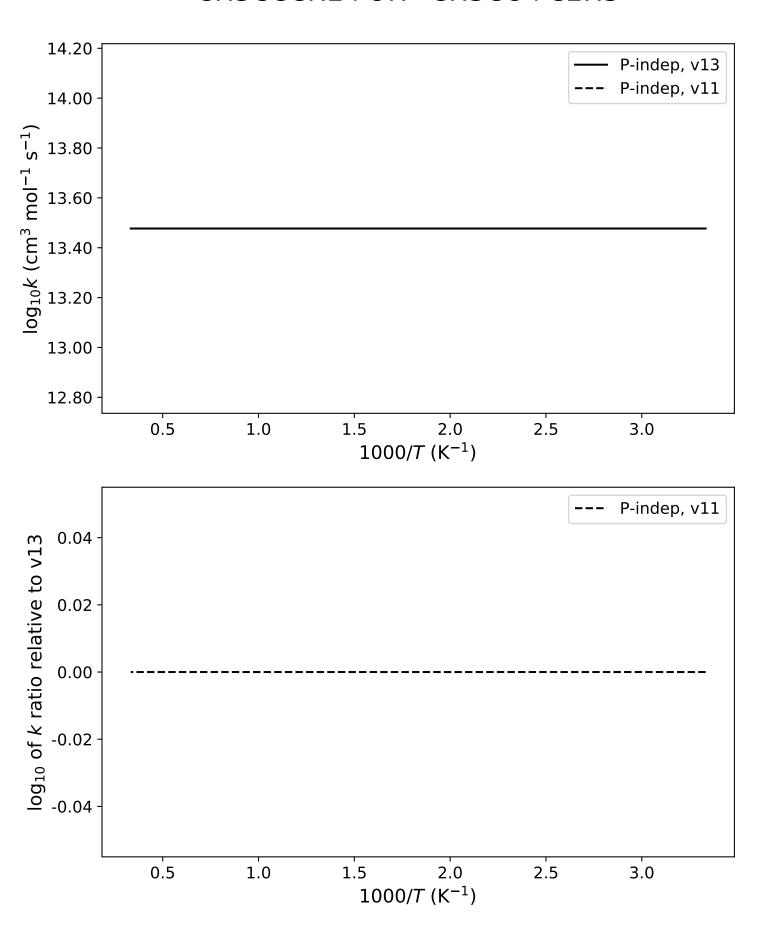
## CH2CHCHCH+O2=CH2CO+CH2CHO



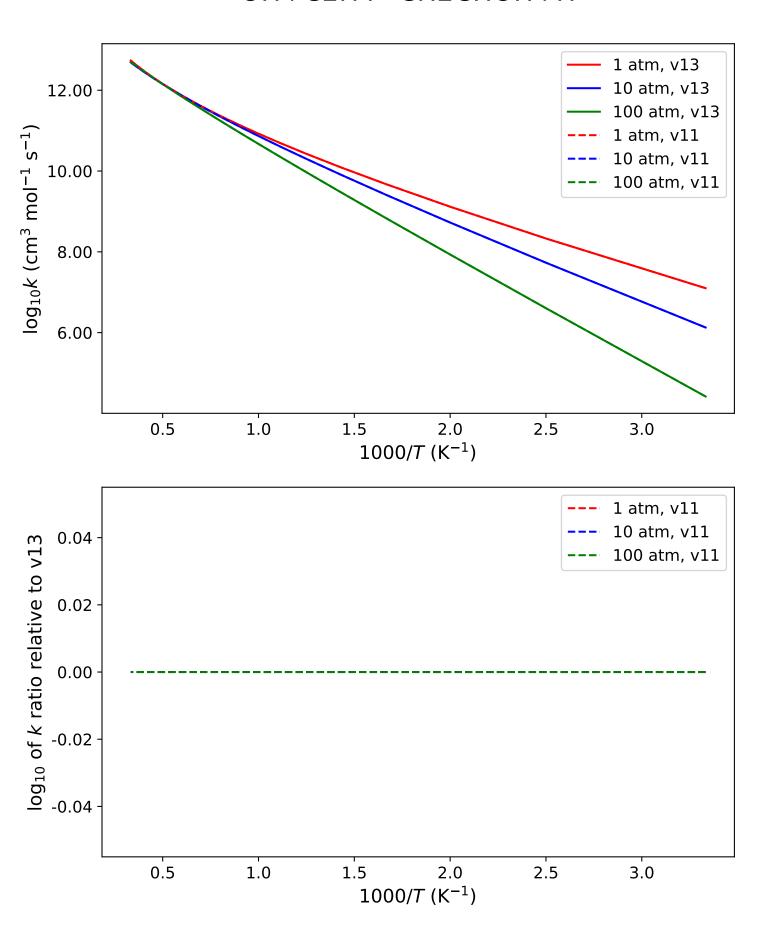
## C5H5+O=CH2CHCHCH+CO



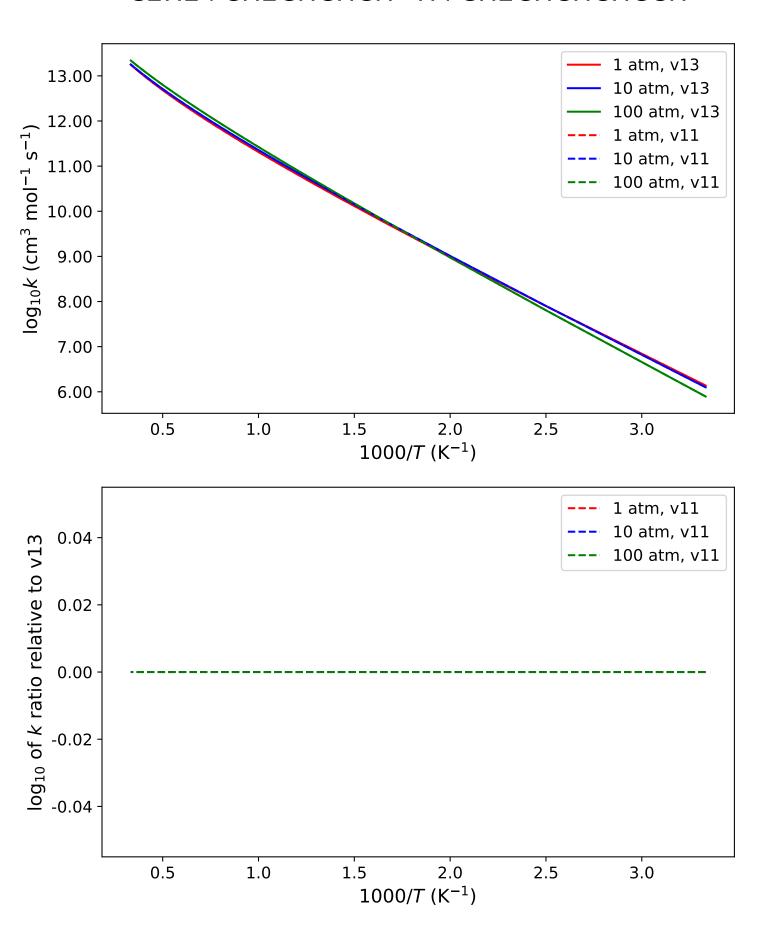
## CH3CCCH2+OH=CH3CO+C2H3



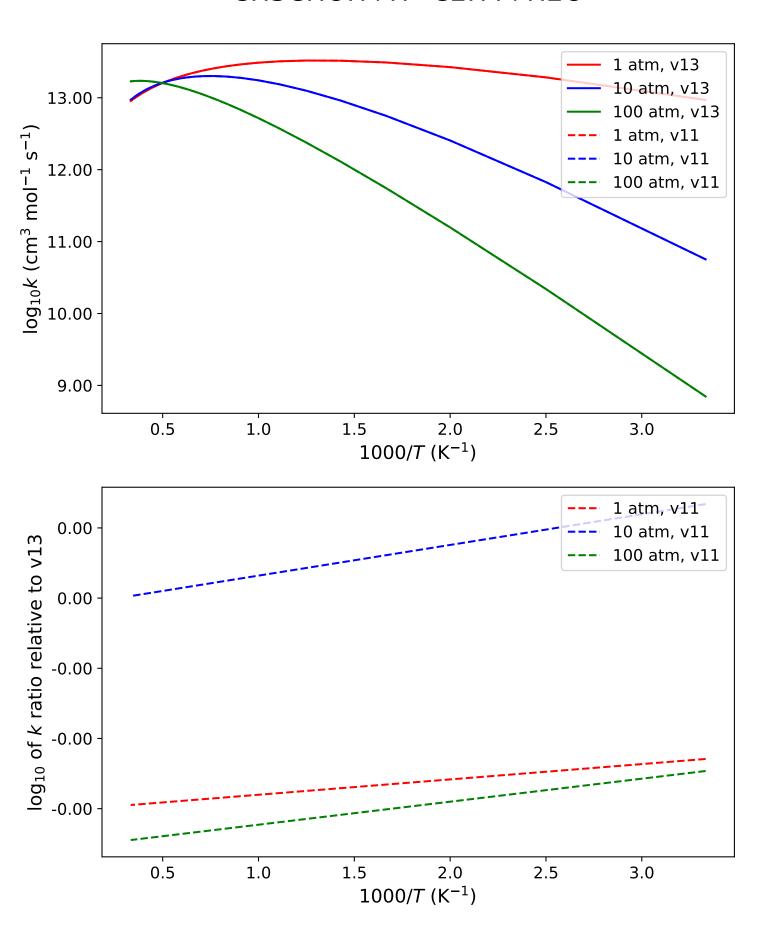
#### OH+C2H4=CH2CHOH+H



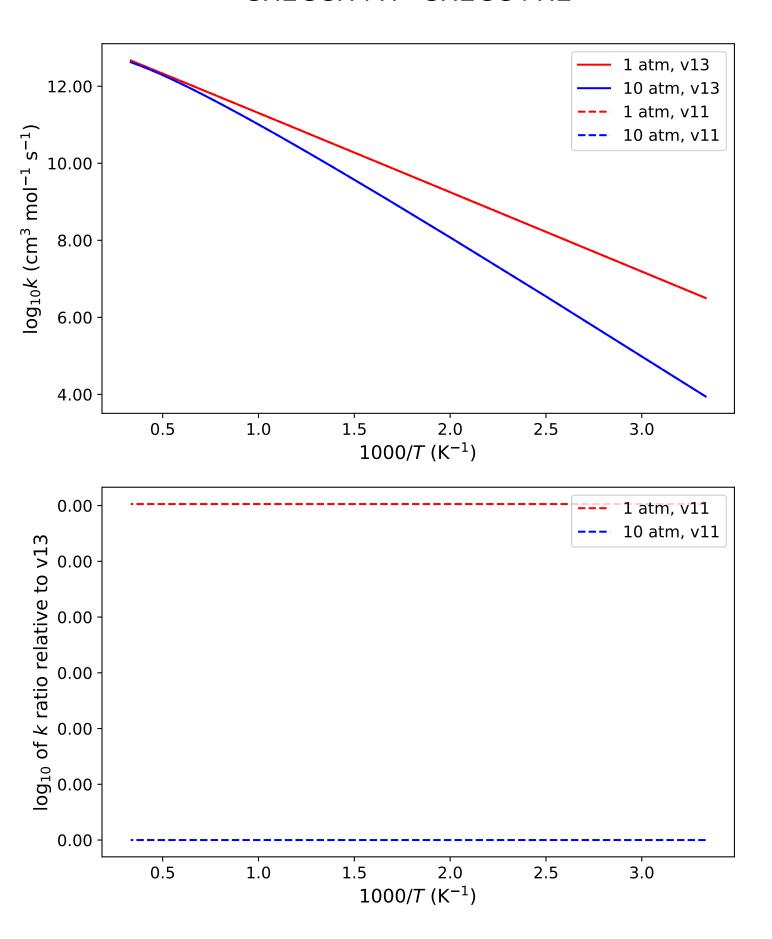
#### C2H2+CH2CHCHCH=H+CH2CHCHCHCCH



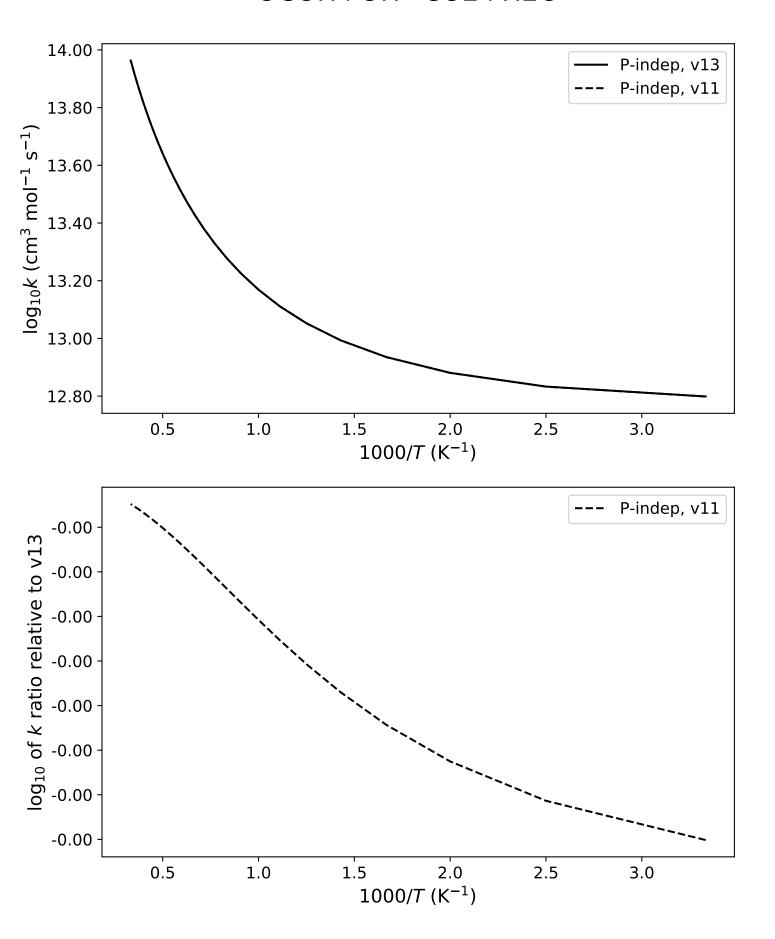
## CH3CHOH+H=C2H4+H2O



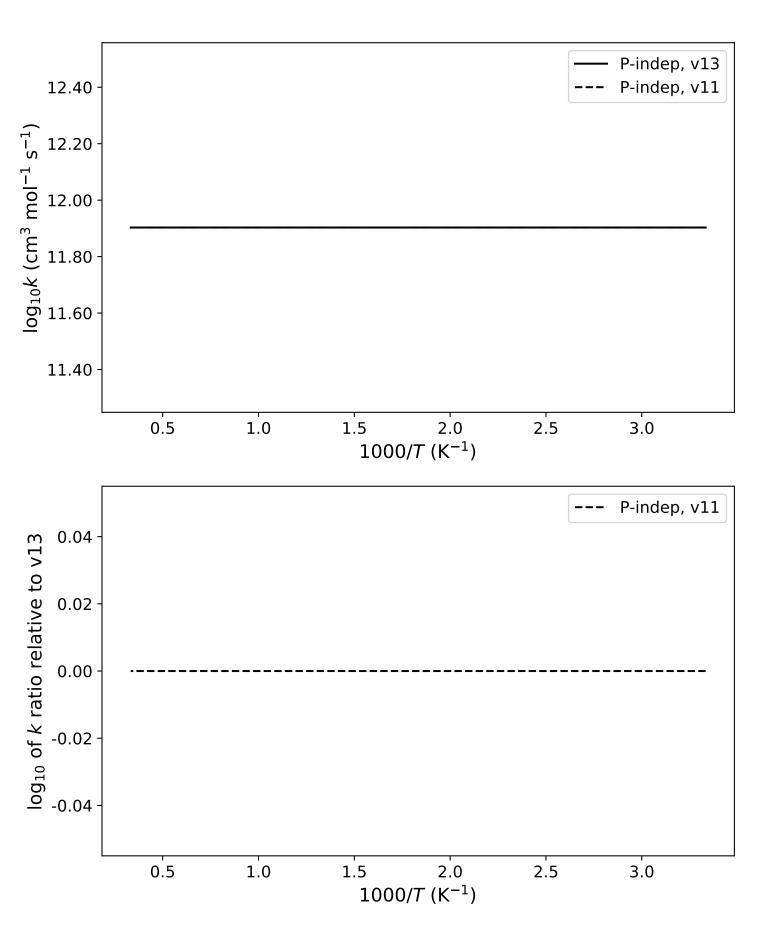
## CH2CCH+H=CH2CC+H2



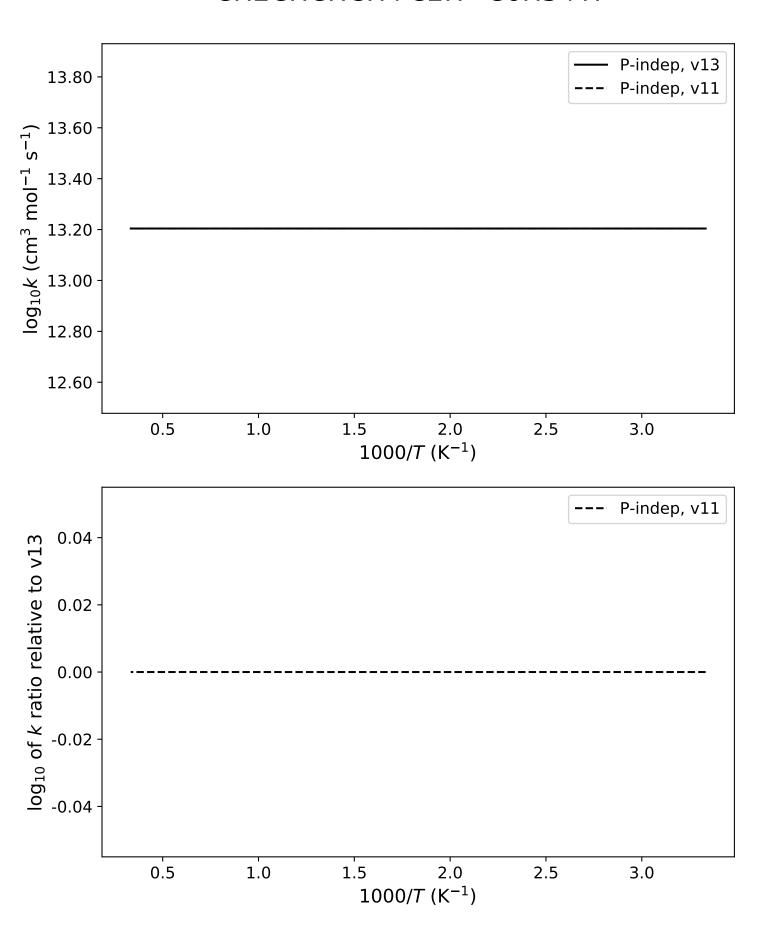
## OCOH+OH=CO2+H2O



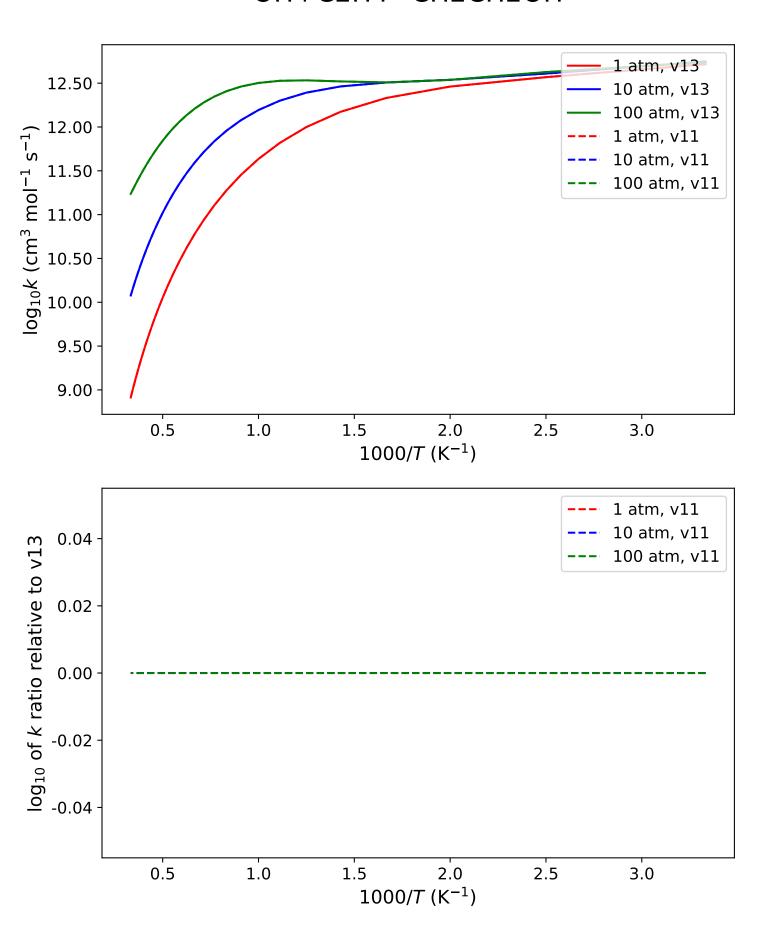
## CH3CCCH2+HO2=OH+C2H2+CH3CO



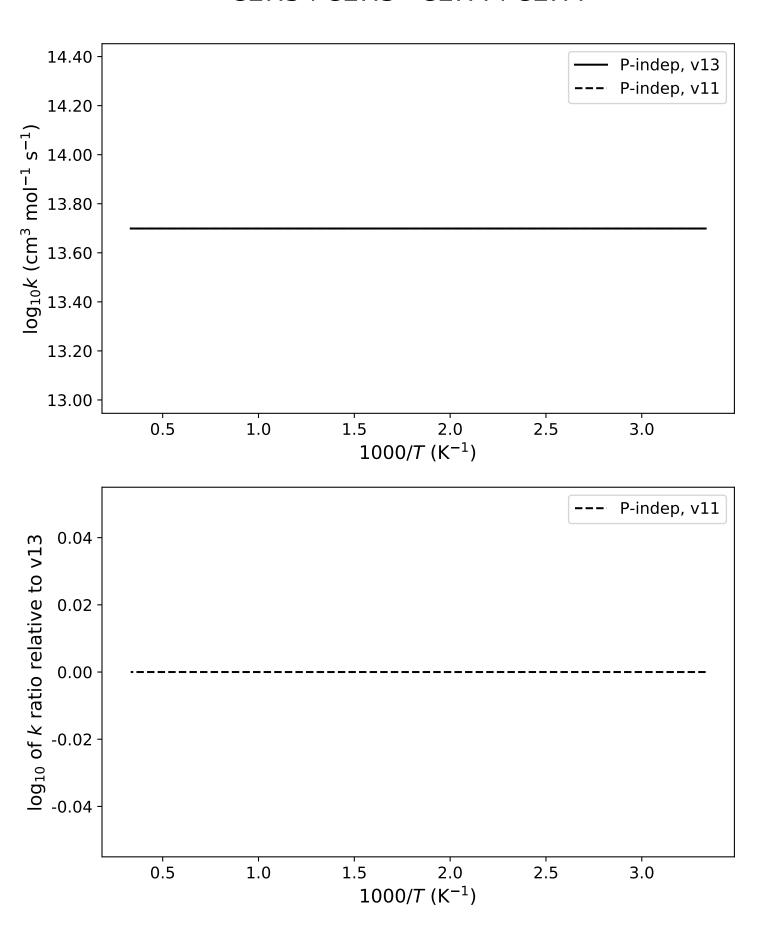
## CH2CHCHCH+C2H=C6H5+H



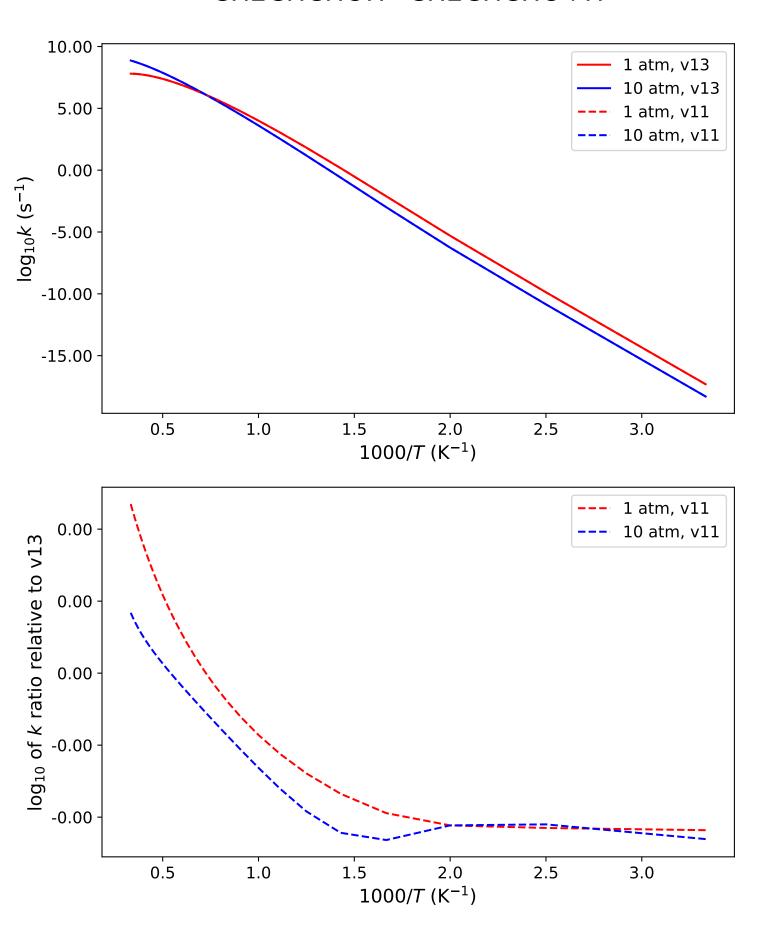
#### OH+C2H4=CH2CH2OH



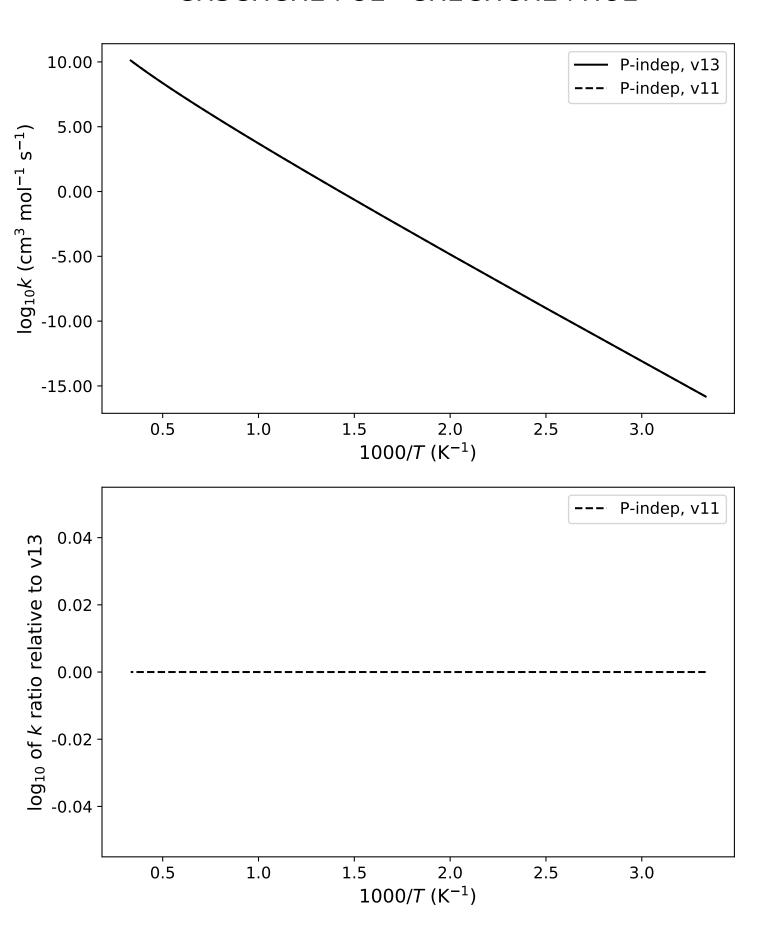
## C2H5+C2H3=C2H4+C2H4



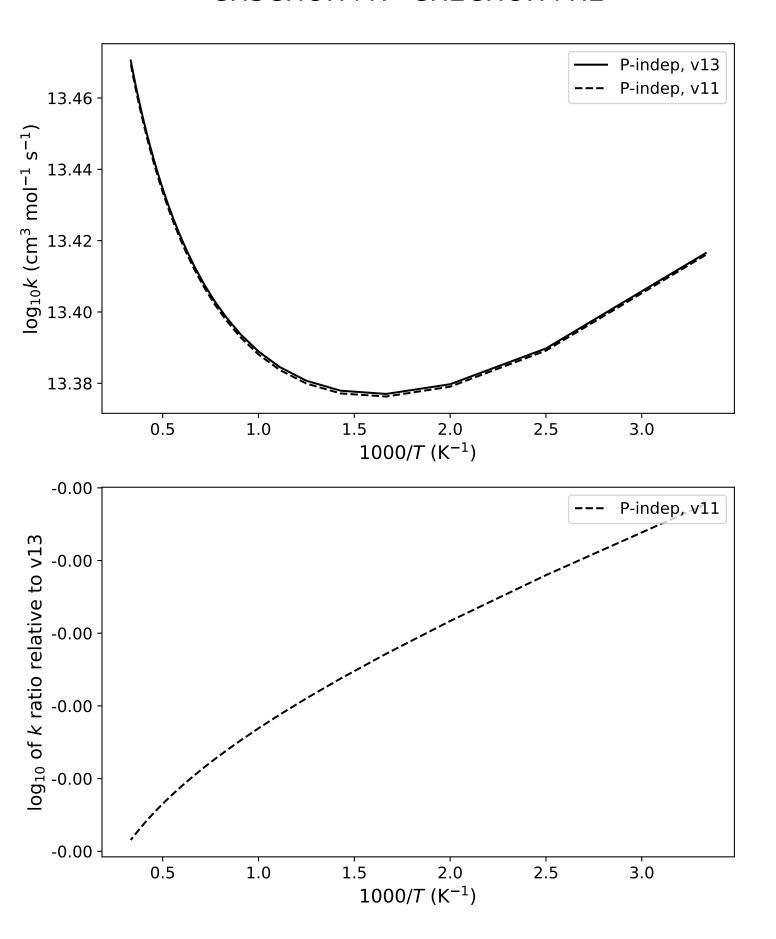
## CH2CHCHOH=CH2CHCHO+H



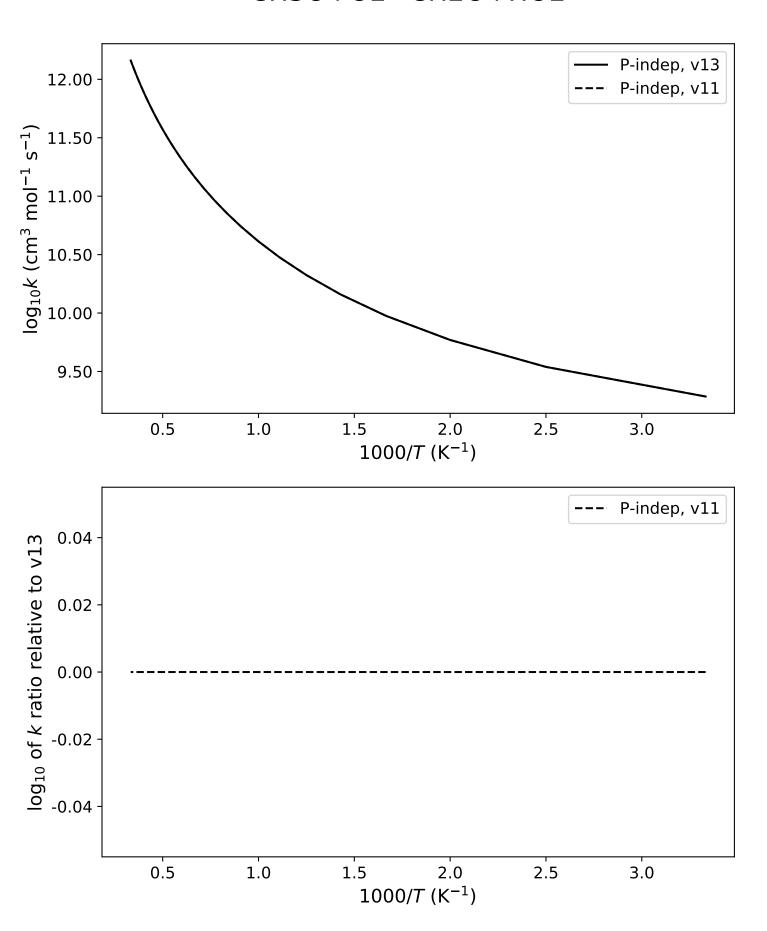
## CH3CHCH2+O2=CH2CHCH2+HO2



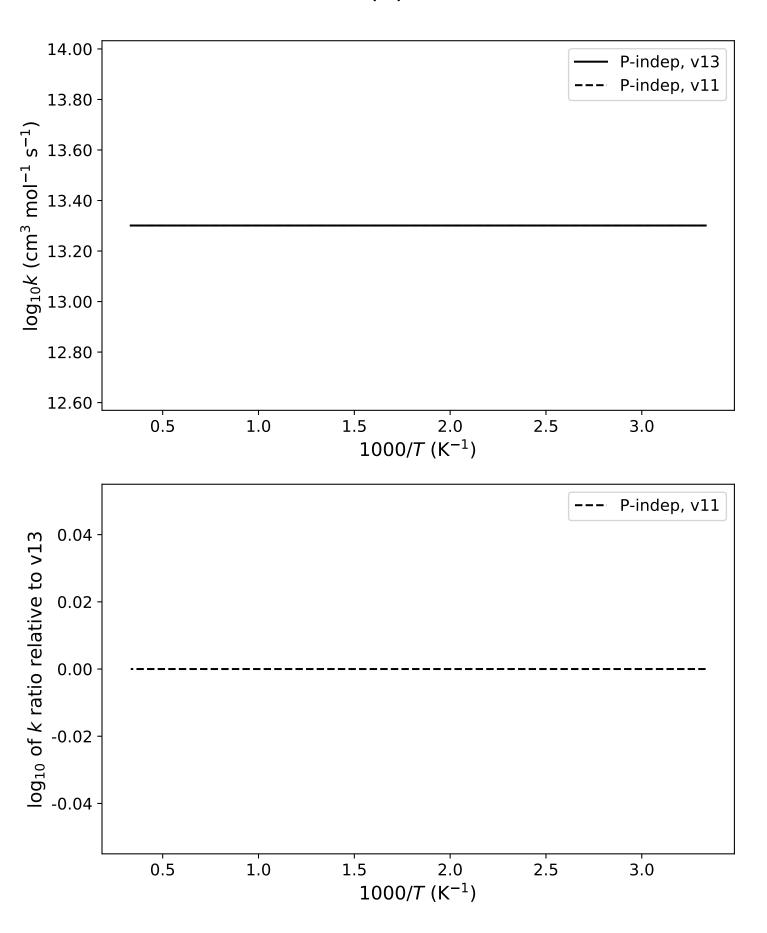
## CH3CHOH+H=CH2CHOH+H2



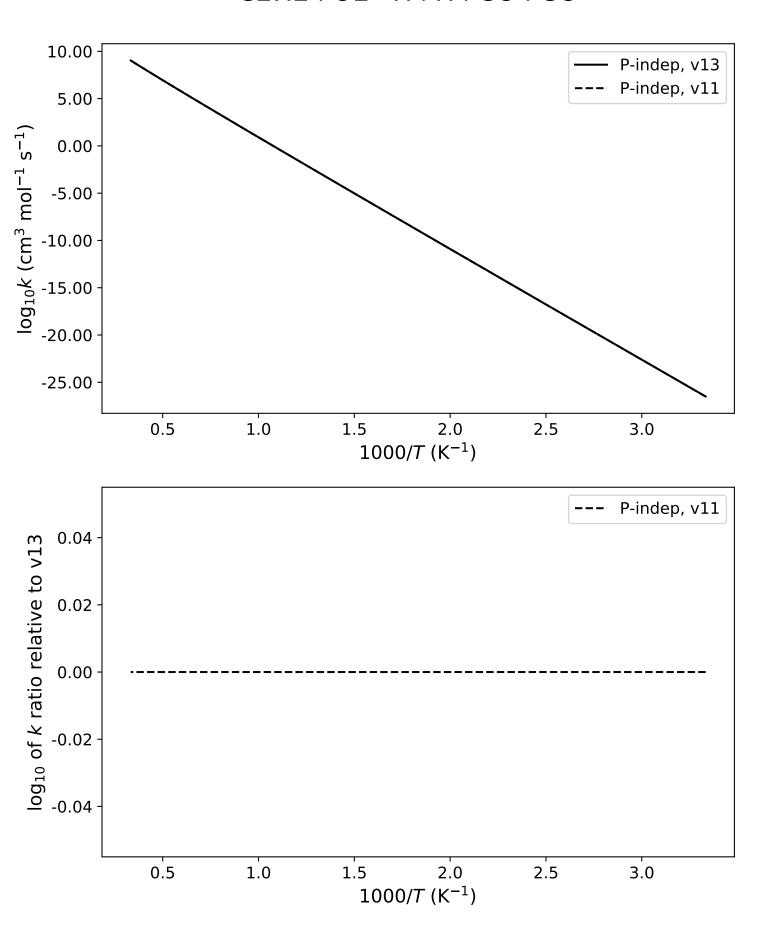
## CH3O+O2=CH2O+HO2



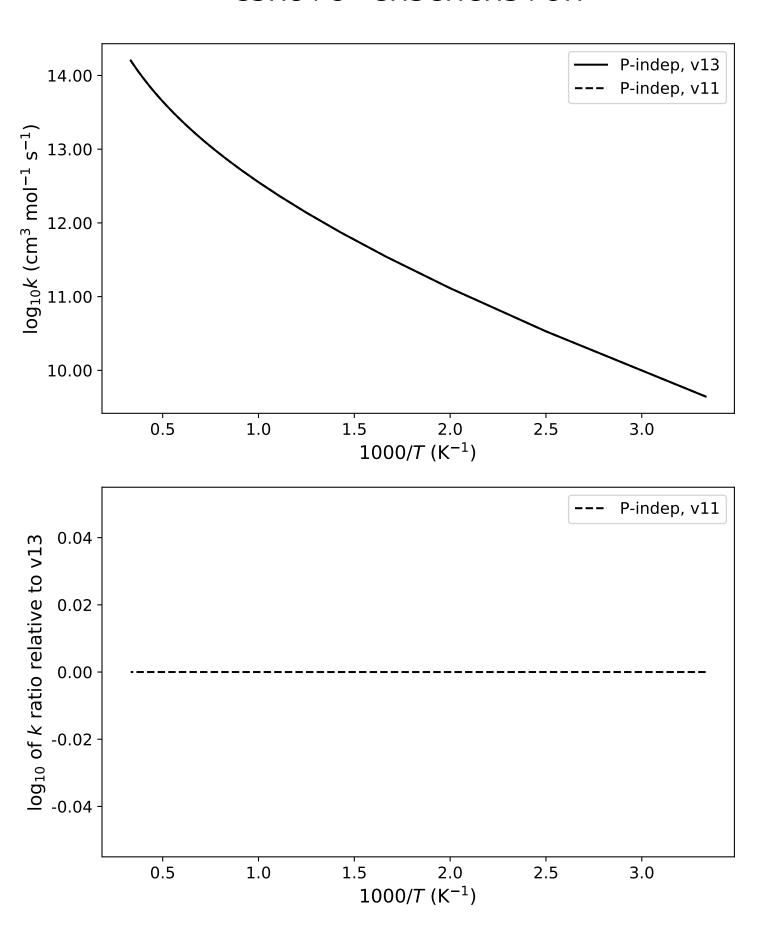
## CH3CCH+CH2(S)=CH2CHCCH2+H



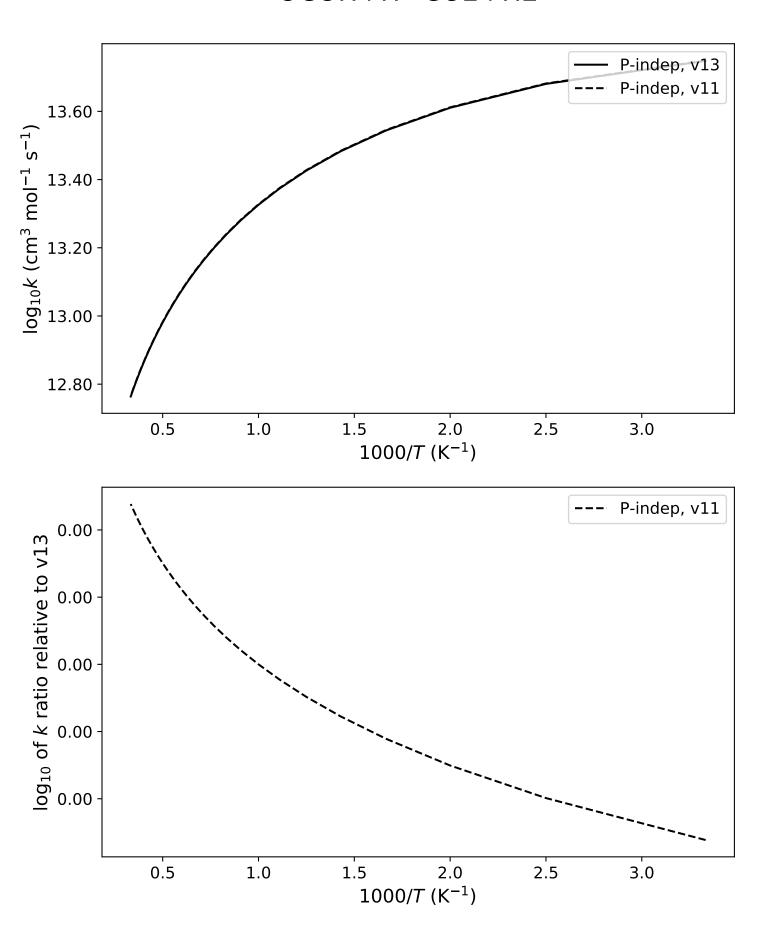
## C2H2+O2=H+H+CO+CO



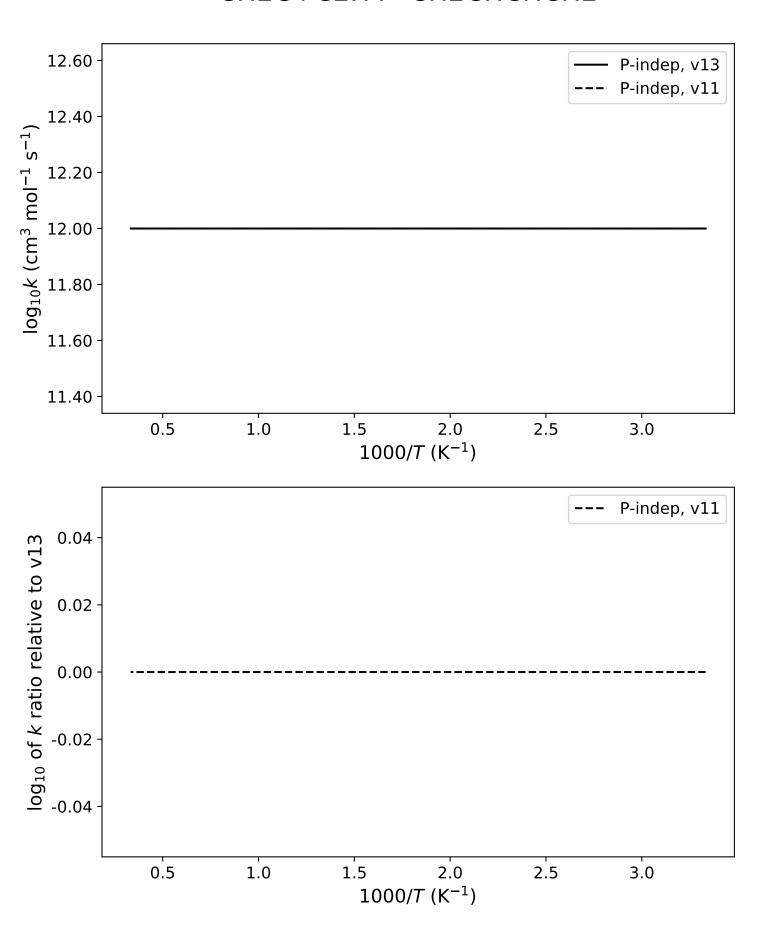
## C3H8+O=CH3CHCH3+OH



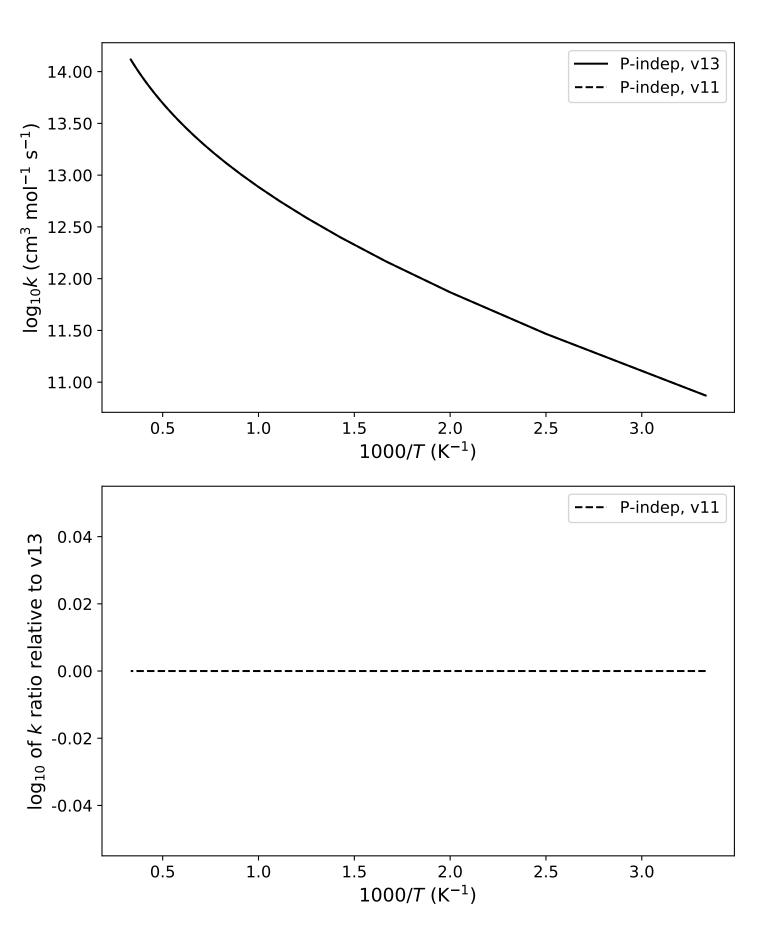
## OCOH+H=CO2+H2



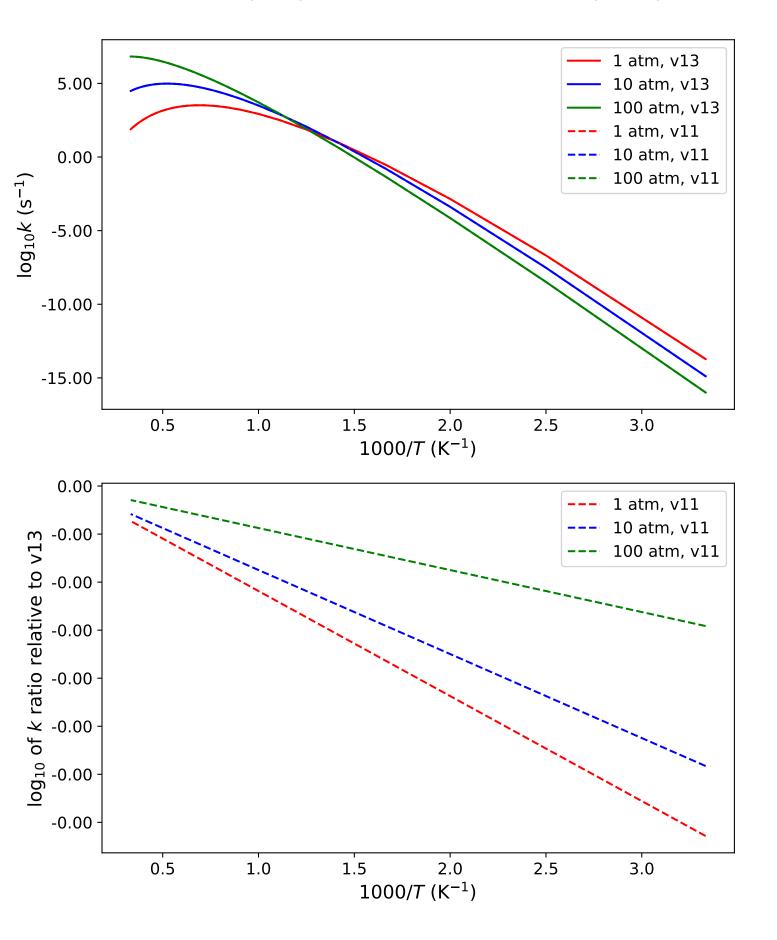
## CH2C+C2H4=CH2CHCHCH2



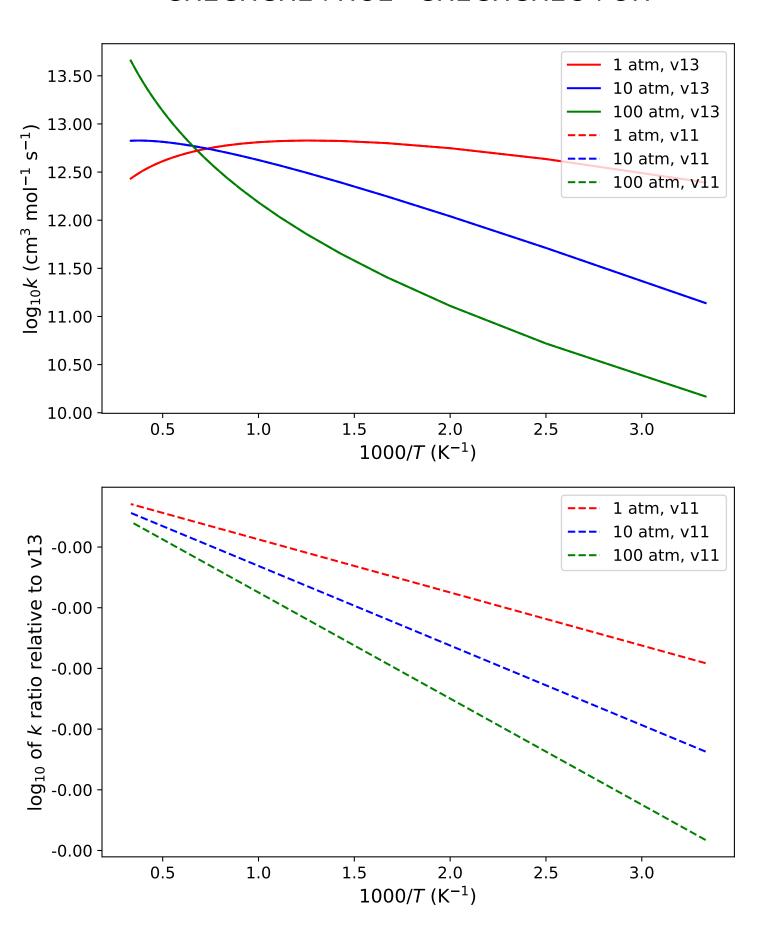
## CHCOH+O=HCCO+OH



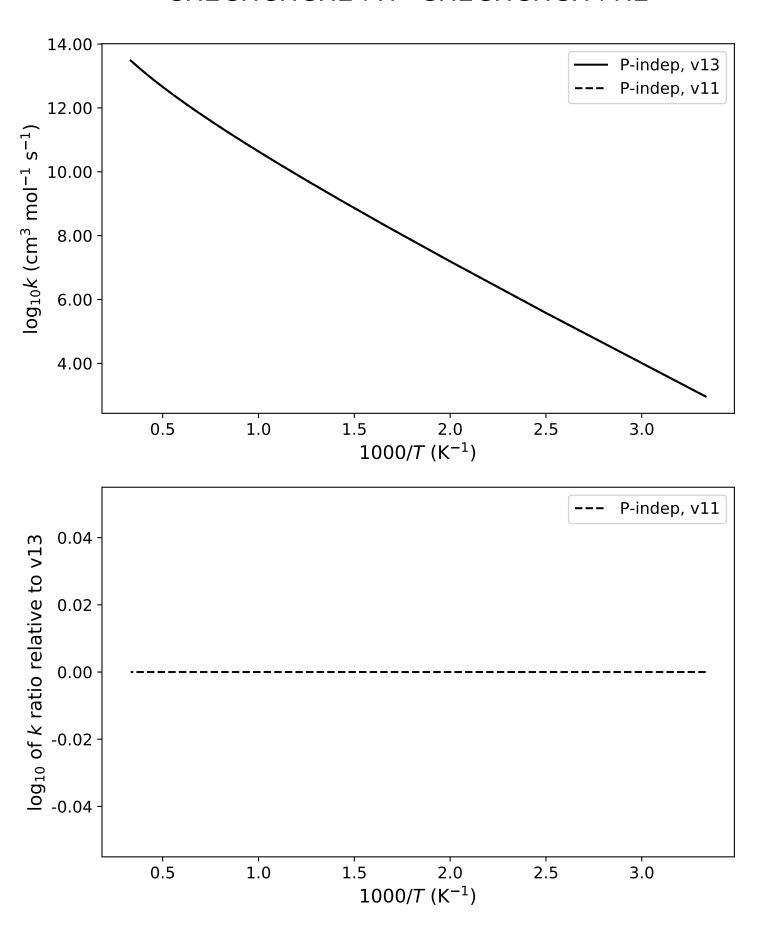
# CH3CH(OO)CH3 = OH + c - CH2OCH(CH3)



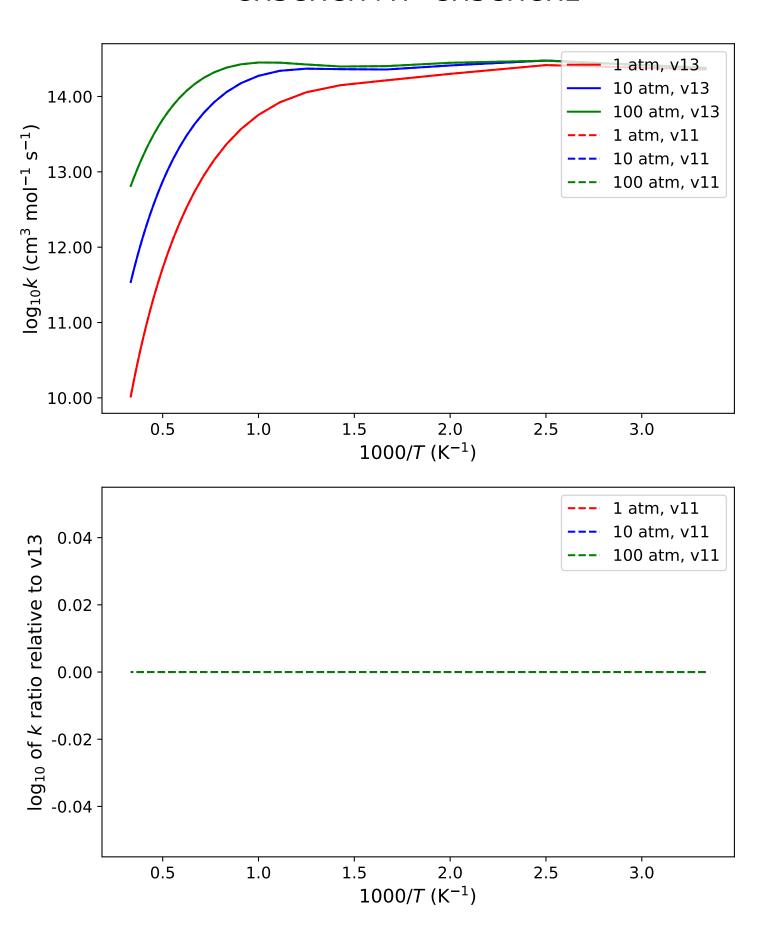
#### CH2CHCH2+HO2=CH2CHCH2O+OH



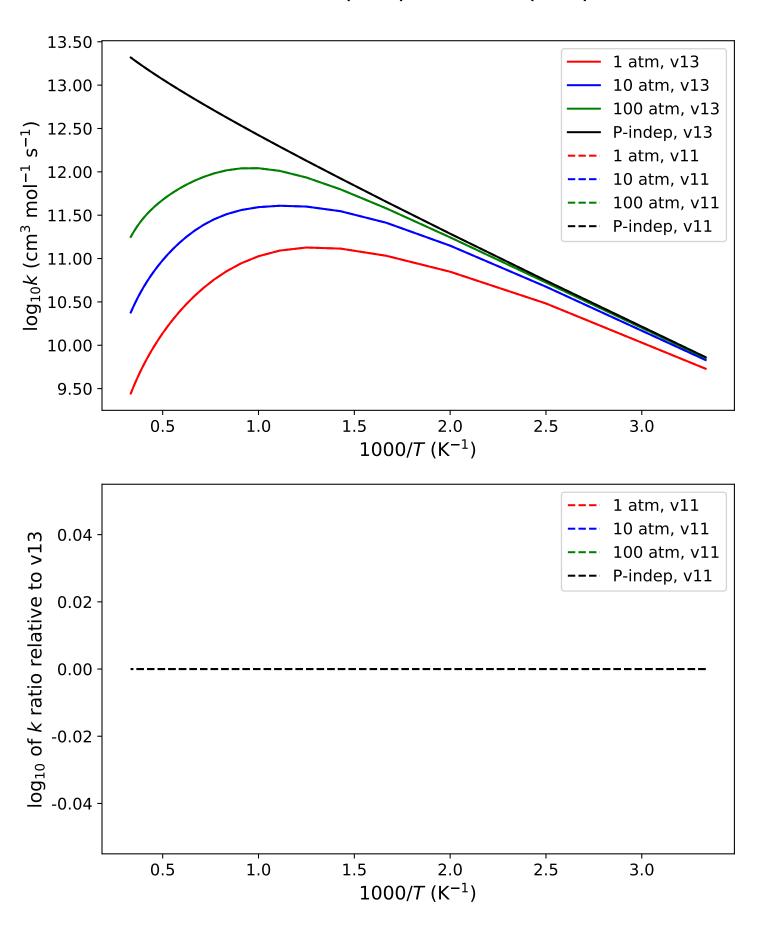
## CH2CHCHCH2+H=CH2CHCHCH+H2



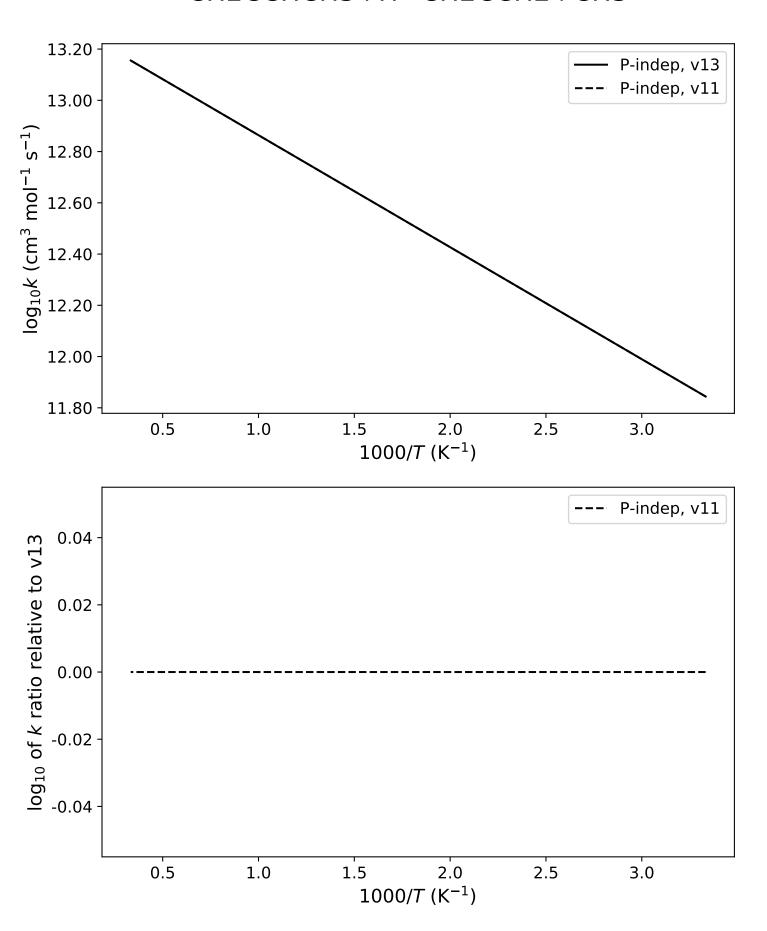
## CH3CHCH+H=CH3CHCH2



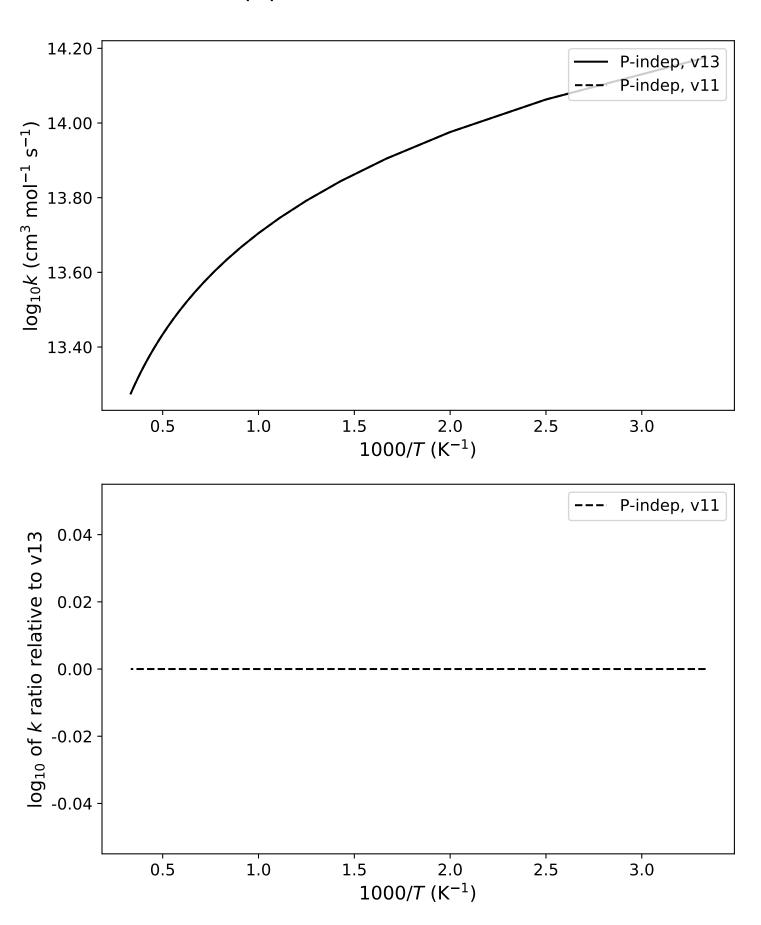
## CH2+CO(+M)=CH2CO(+M)



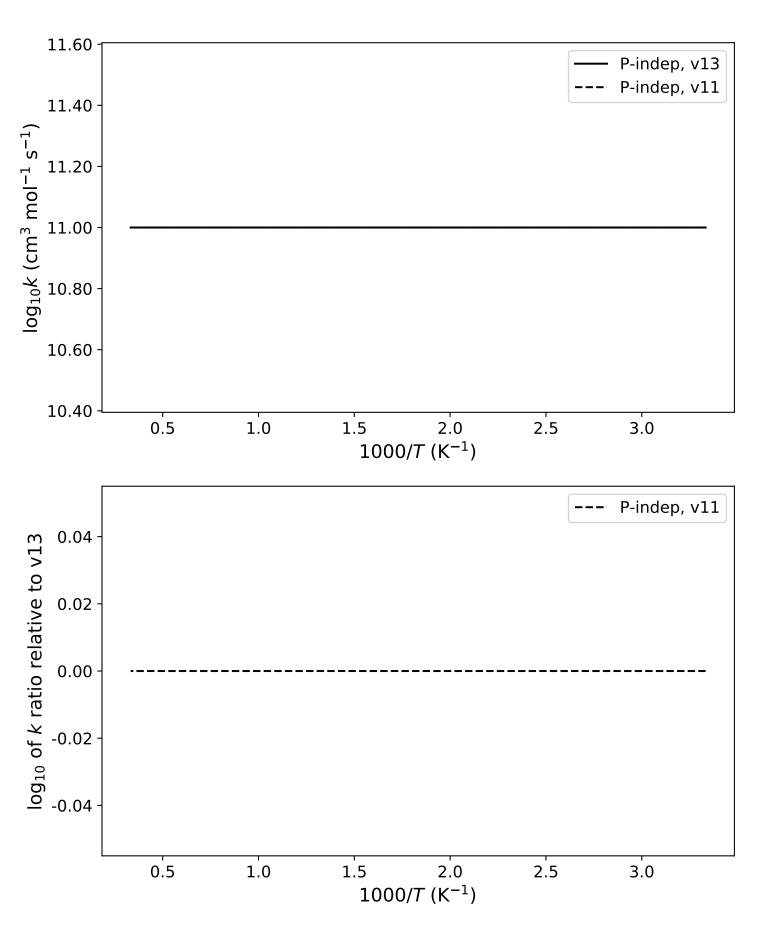
## CH2CCHCH3+H=CH2CCH2+CH3



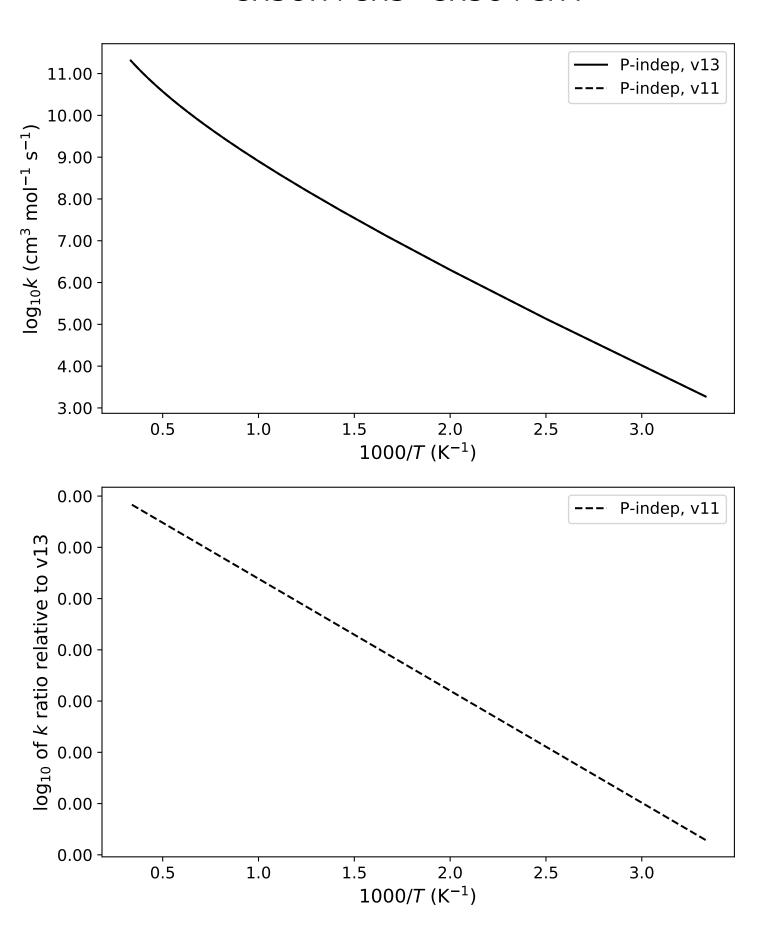
## CH2(S)+CHCCCH=H2CCCCCH+H



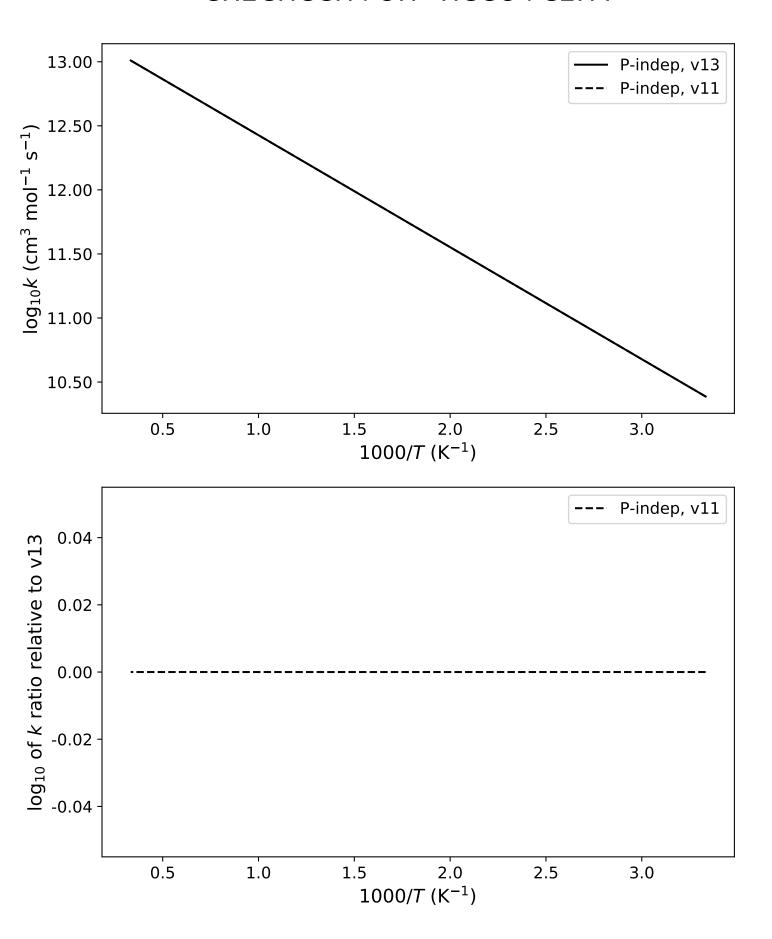
## H2CCCCCH+CH3=FULVENE



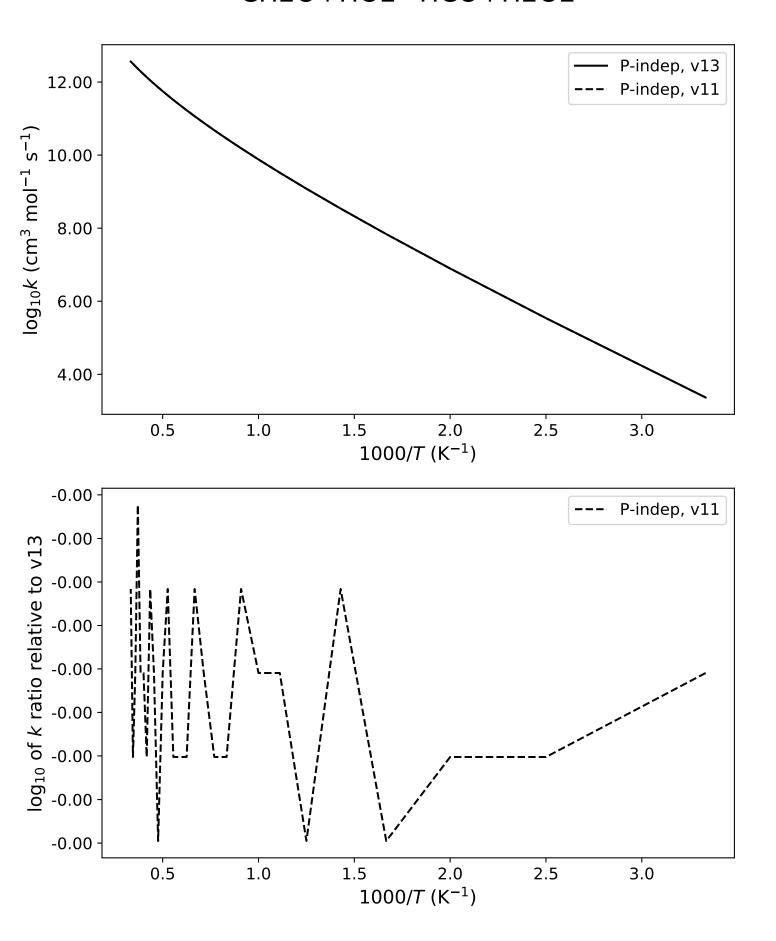
## CH3OH+CH3=CH3O+CH4



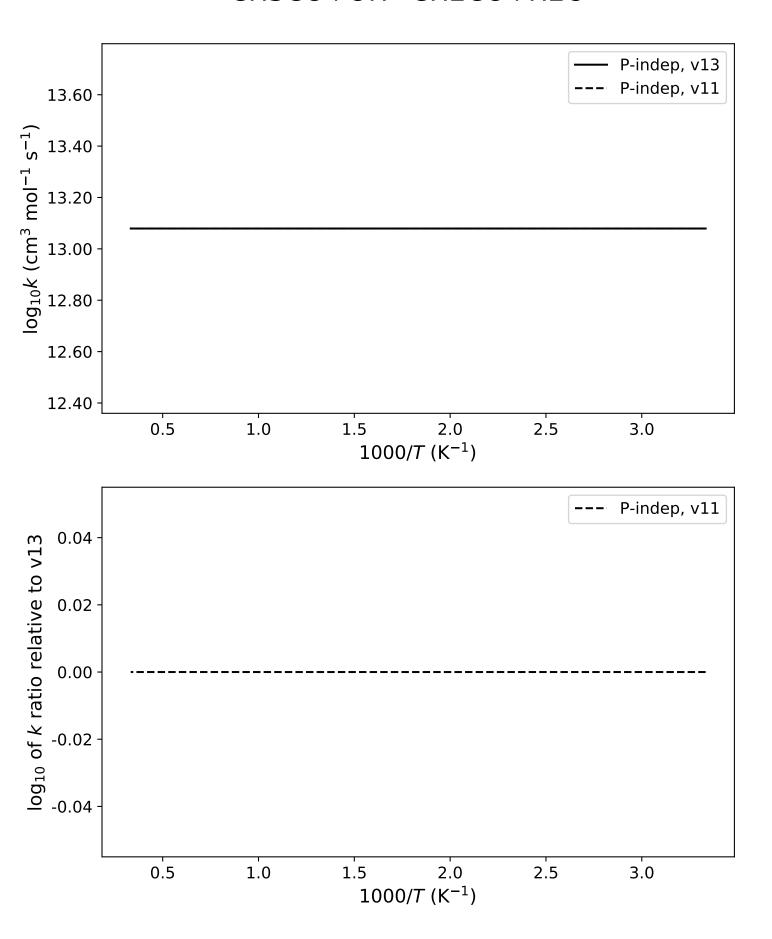
## CH2CHCCH+OH=HCCO+C2H4



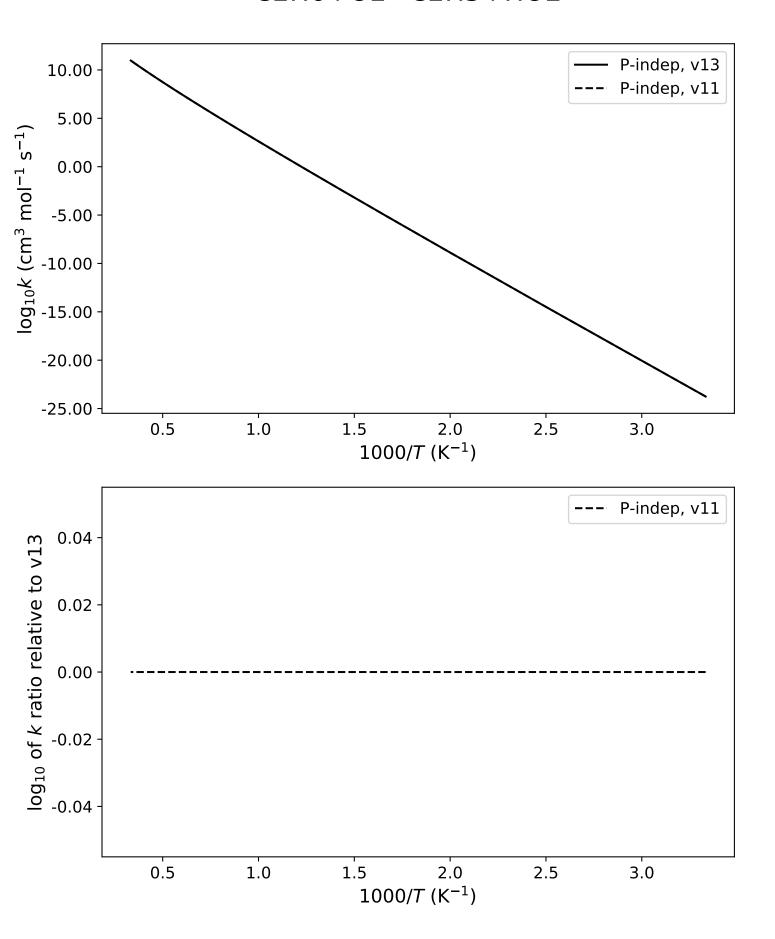
## CH2O+HO2=HCO+H2O2



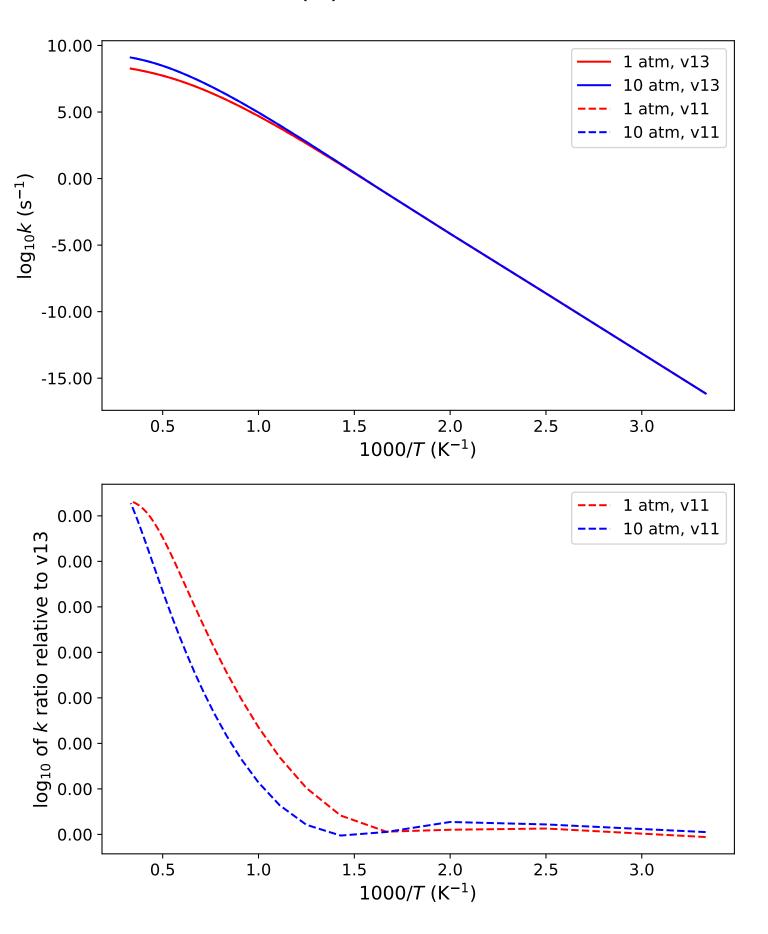
### CH3CO+OH=CH2CO+H2O



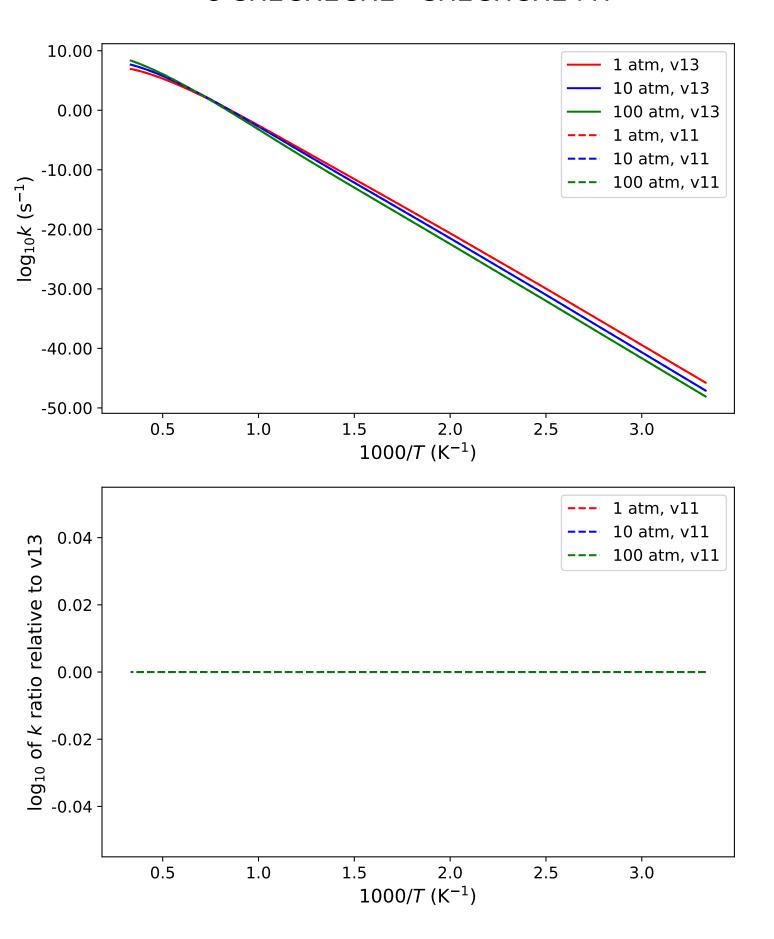
### C2H6+O2=C2H5+HO2



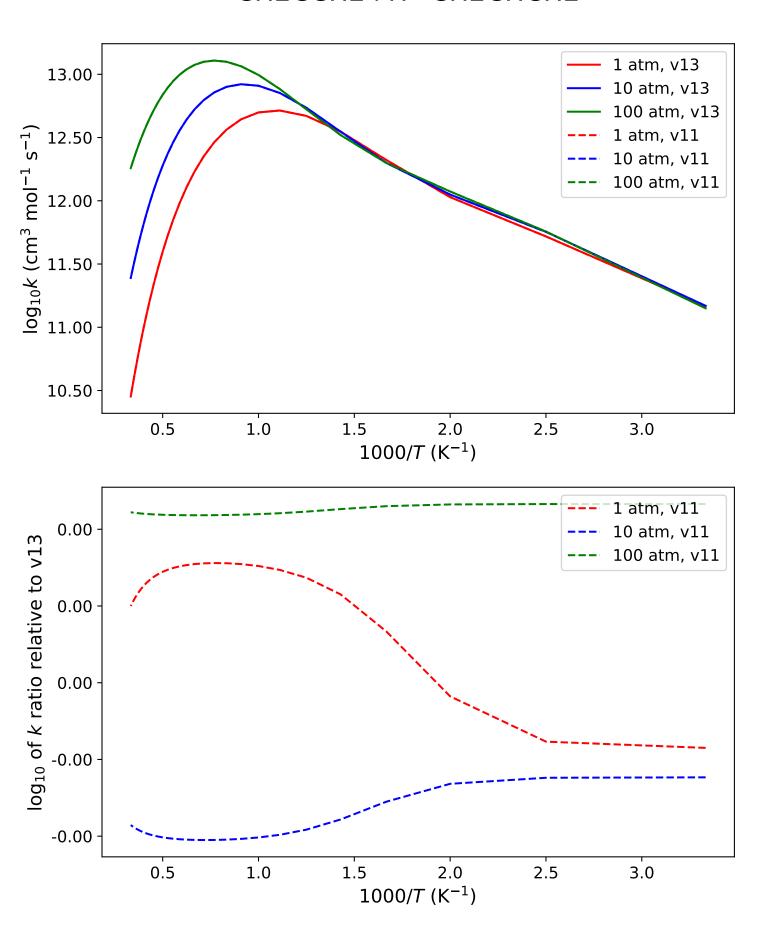
# CH3C(O)CH2=CH2CO+CH3



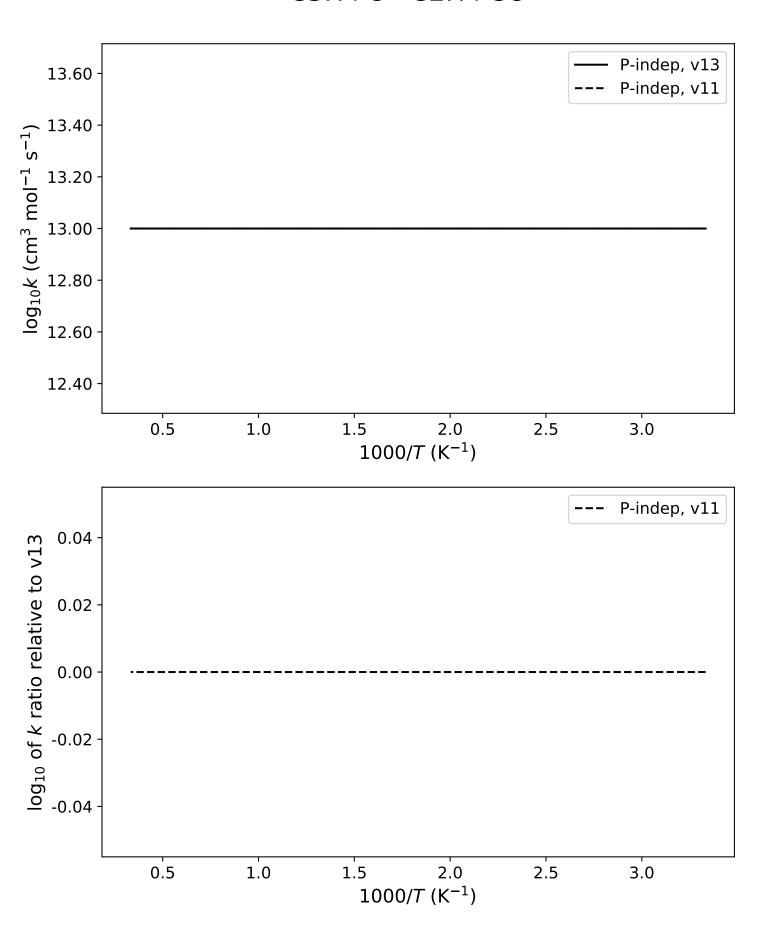
#### c-CH2CH2CH2=CH2CHCH2+H



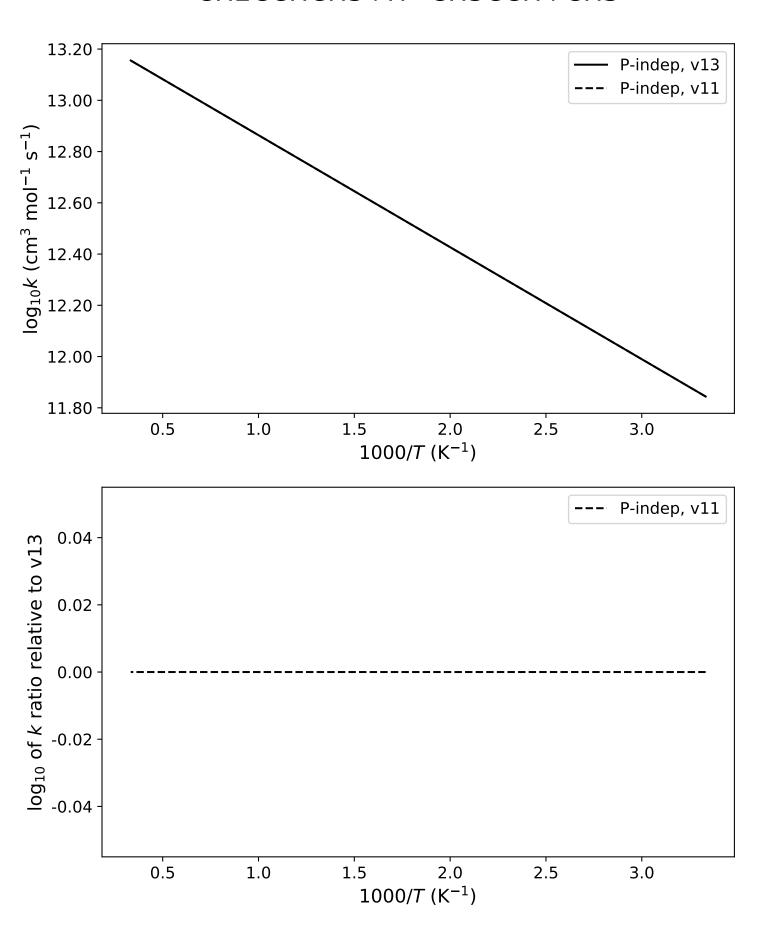
### CH2CCH2+H=CH2CHCH2



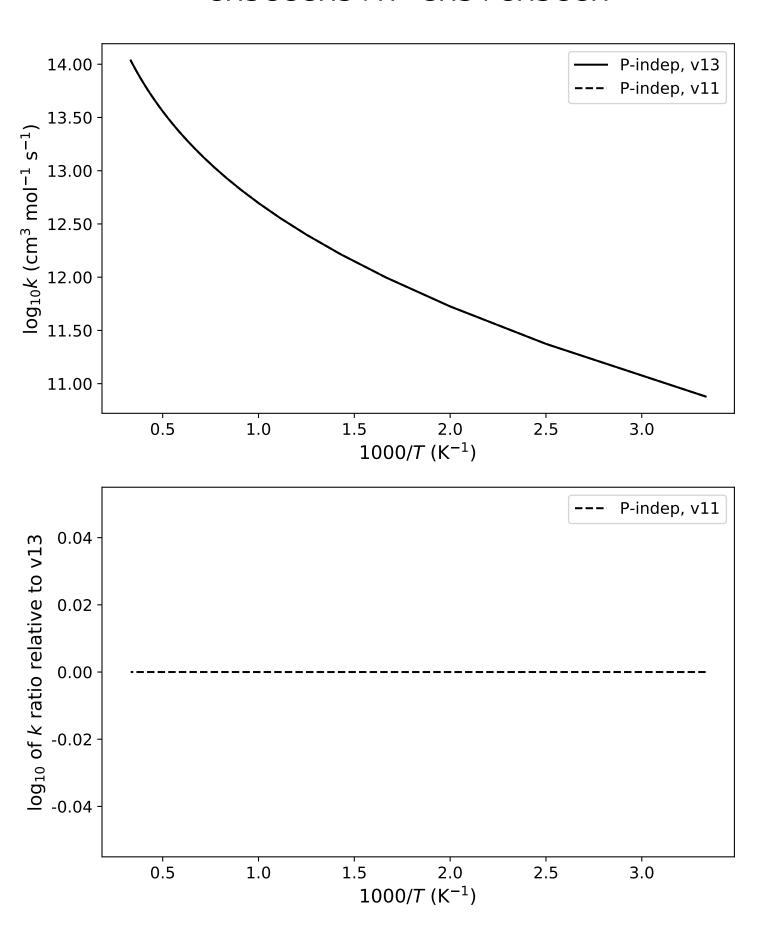
### C3H+O=C2H+CO



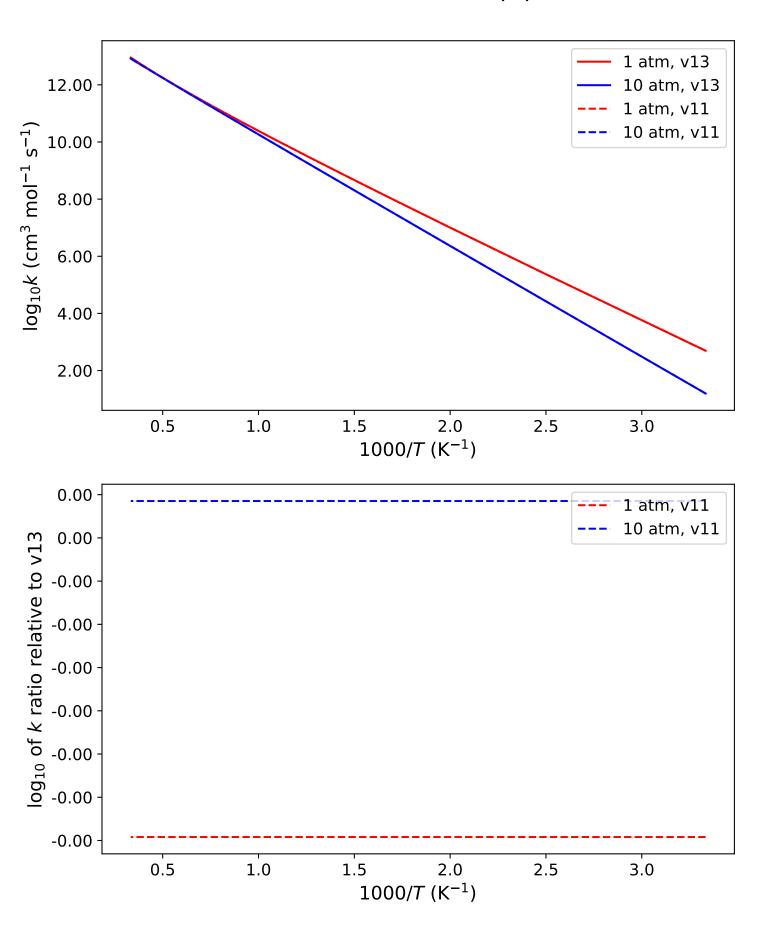
### CH2CCHCH3+H=CH3CCH+CH3



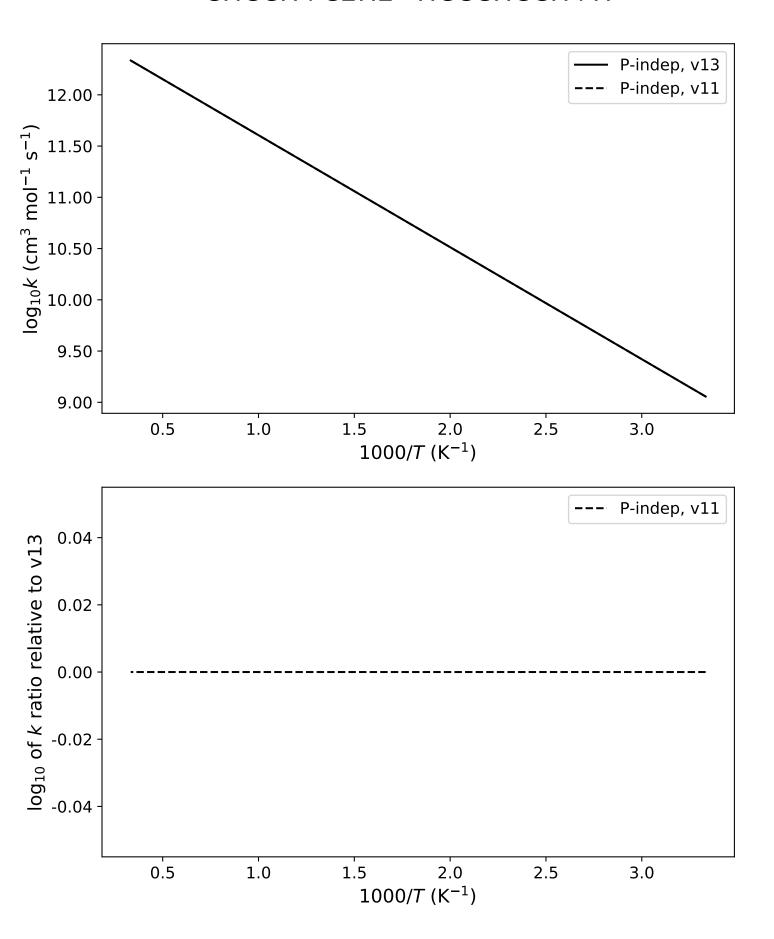
## CH3CCCH3+H=CH3+CH3CCH



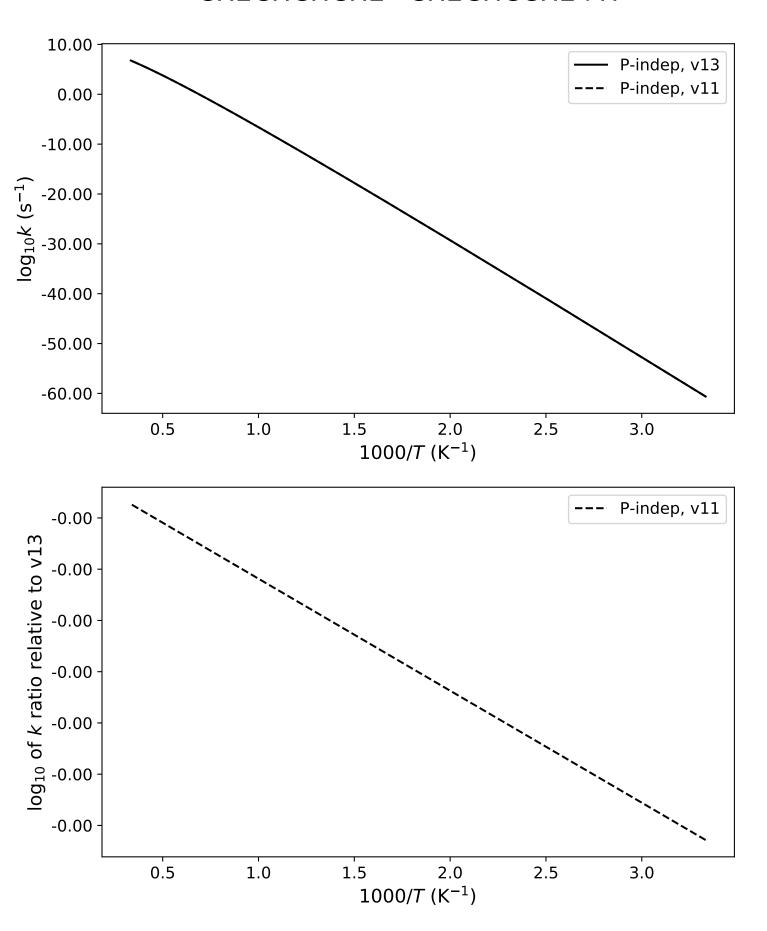
## CH2CCH+H=CHCCH(S)+H2



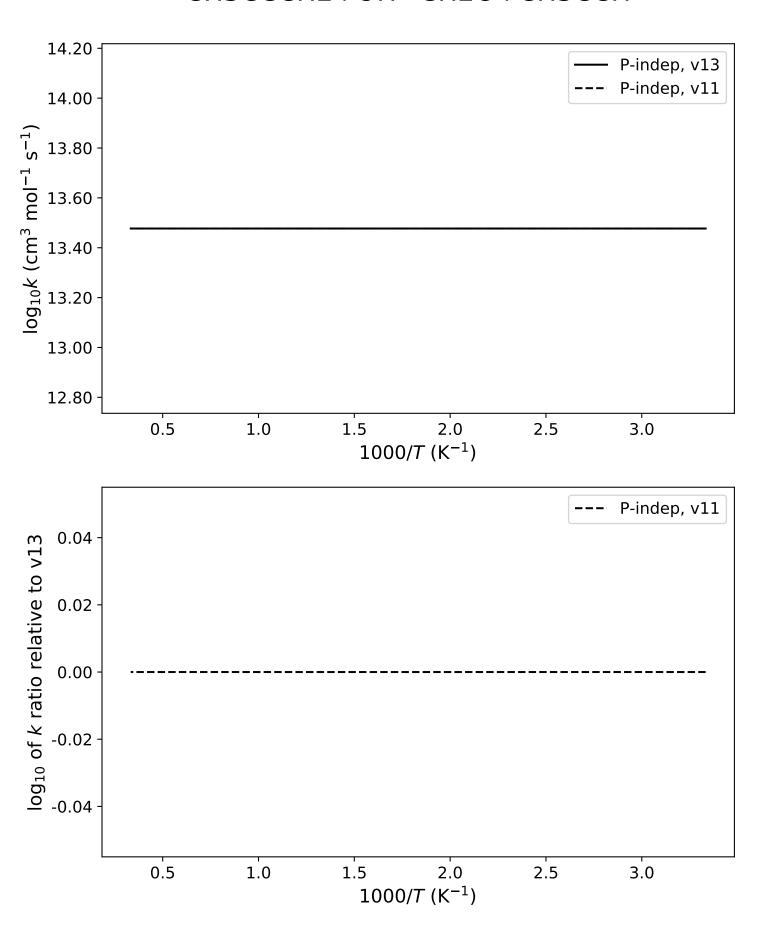
### CHCCH+C2H2=HCCCHCCH+H



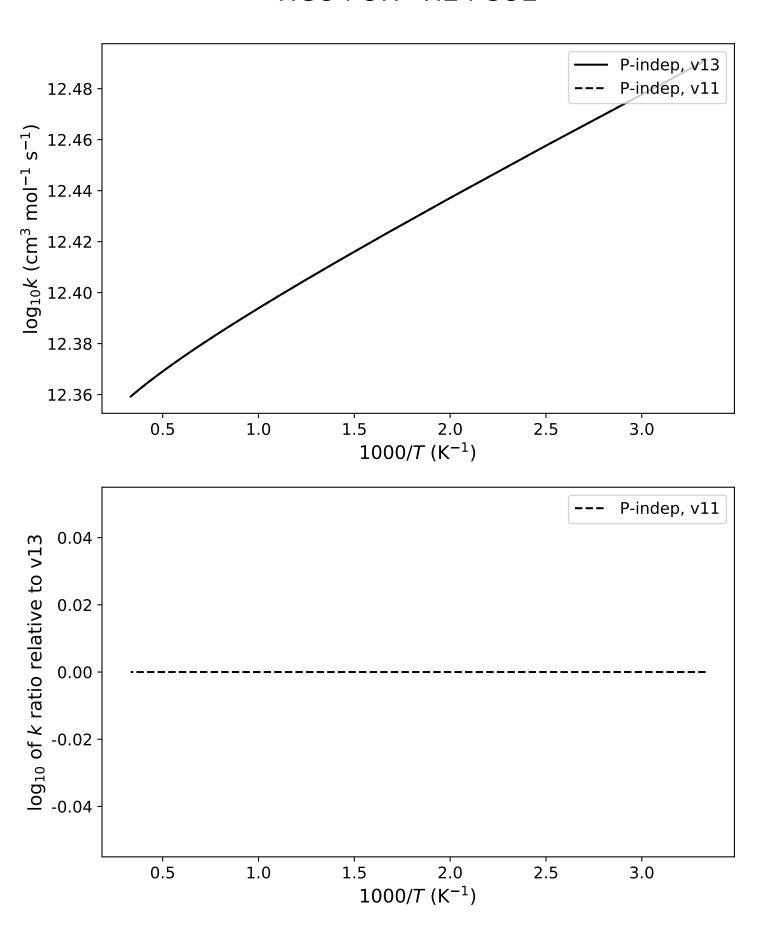
### CH2CHCH2=CH2CHCCH2+H



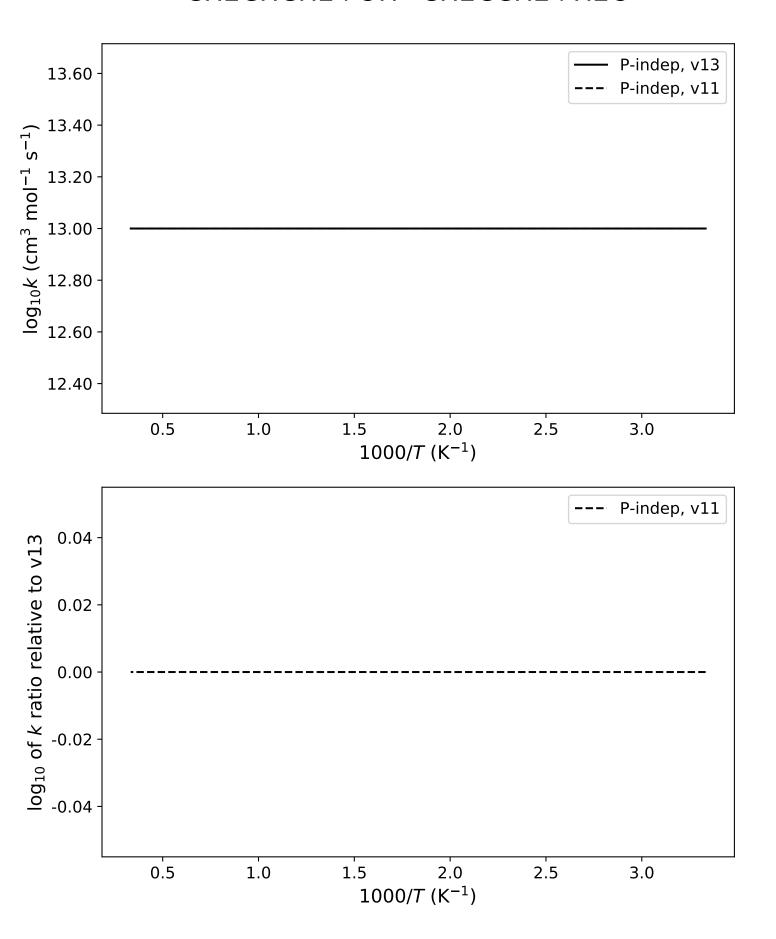
## CH3CCCH2+OH=CH2O+CH3CCH



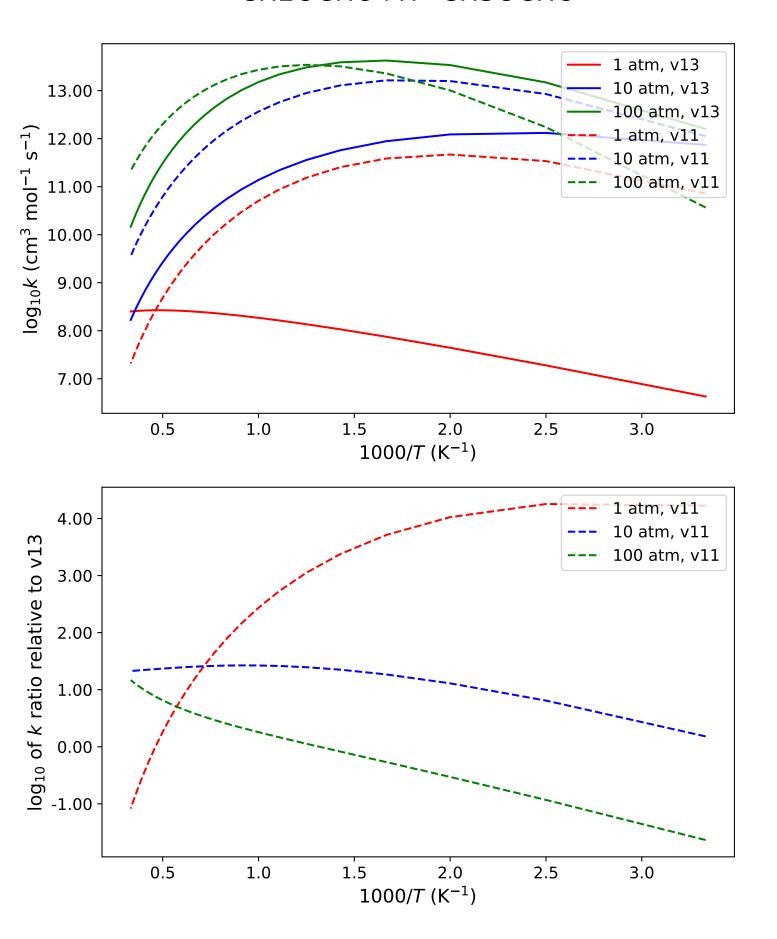
# HCO+OH=H2+CO2



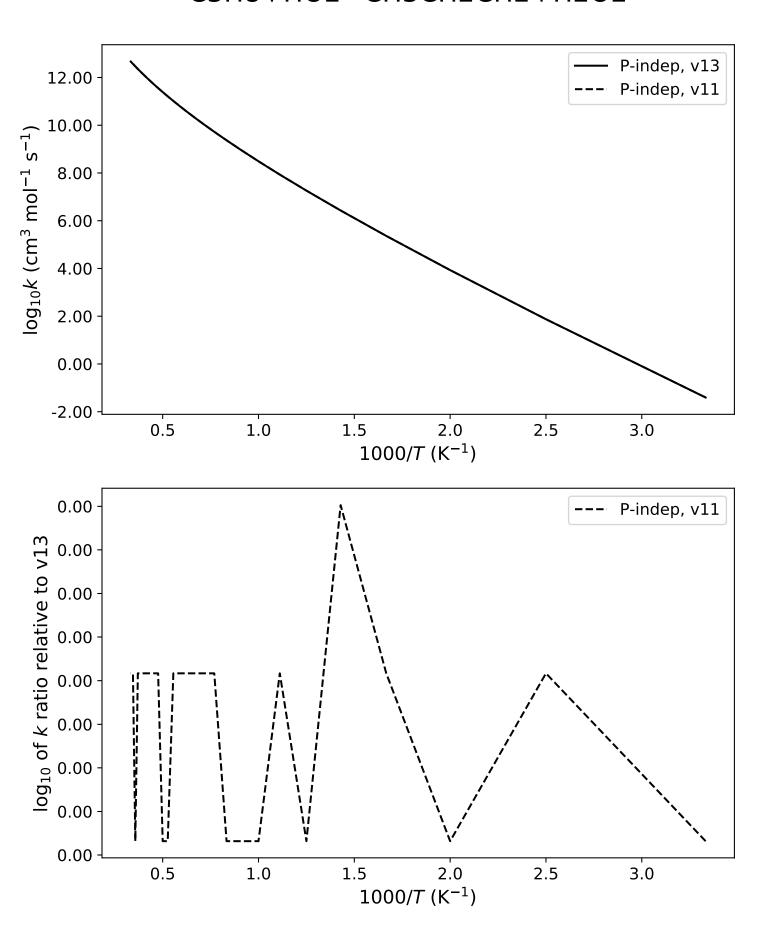
### CH2CHCH2+OH=CH2CCH2+H2O



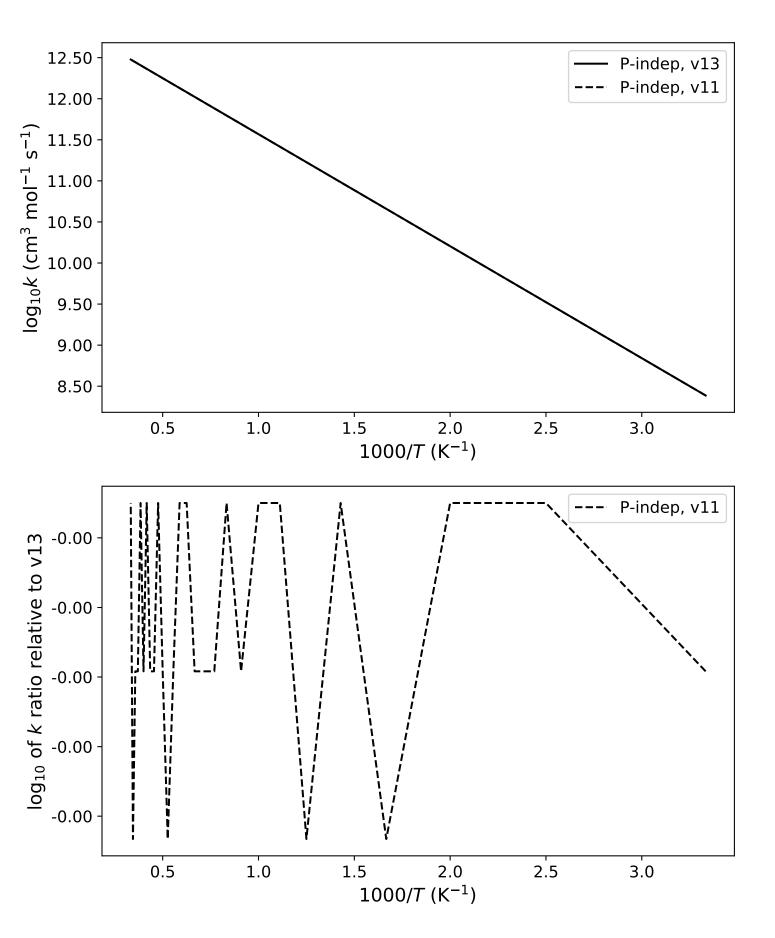
### CH2OCHO+H=CH3OCHO



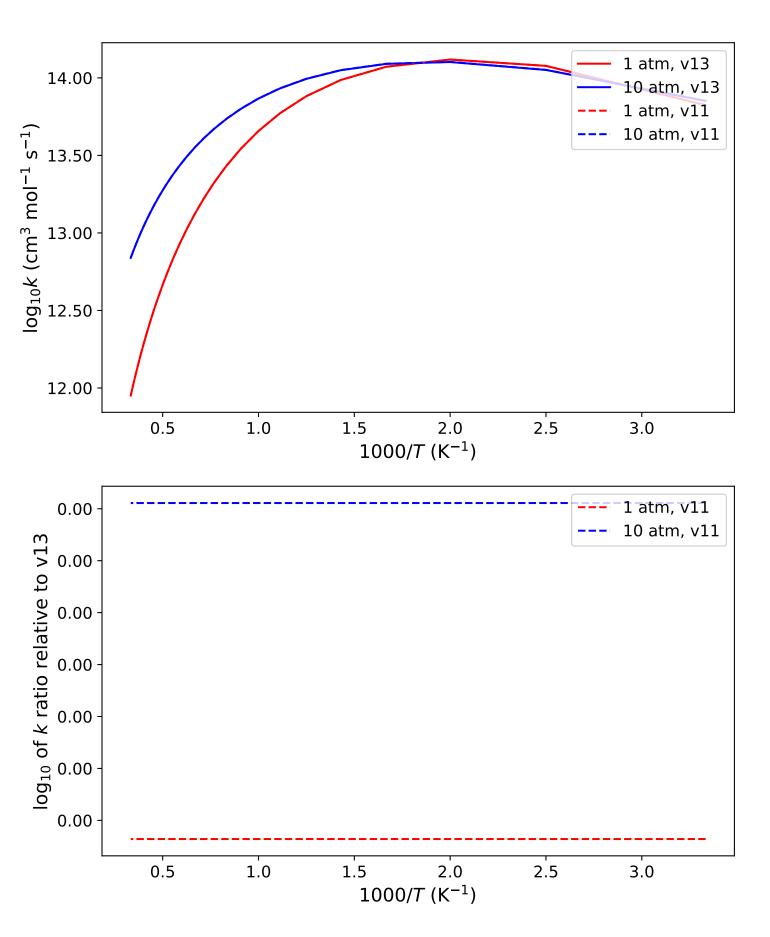
### C3H8+HO2=CH3CH2CH2+H2O2



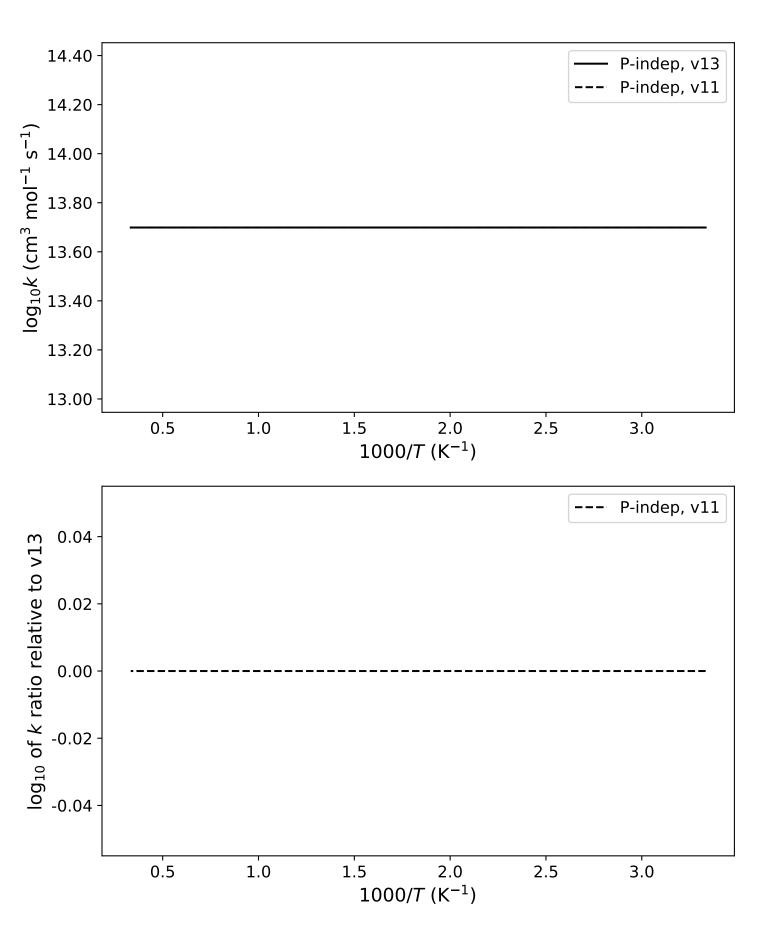
## CH3CHO+O=CH2CHO+OH



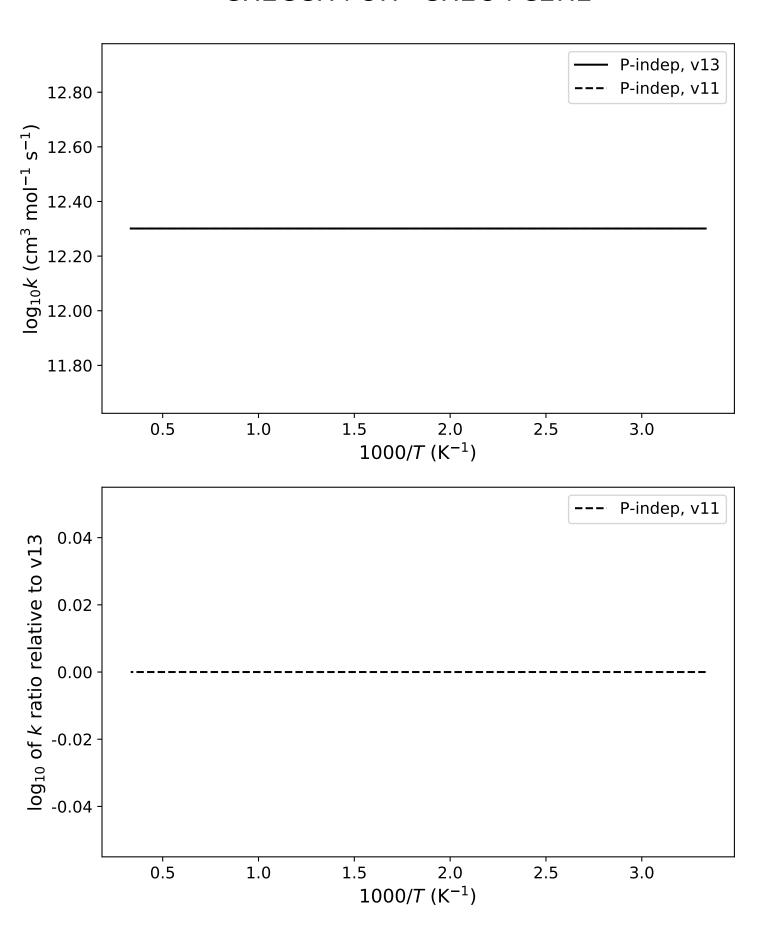
## CH2CCH+H=CH3CCH



# C+OH=CO+H



### CH2CCH+OH=CH2O+C2H2



### CH3CH2OH=C2H4+H2O

