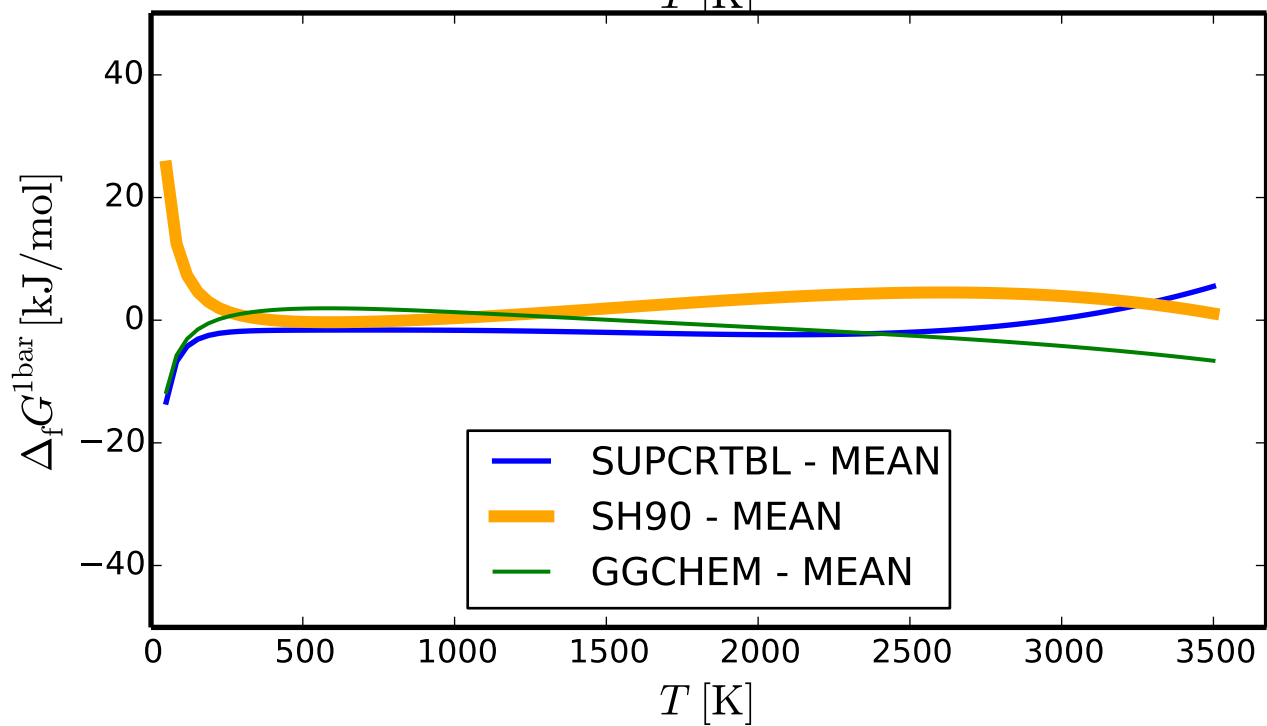
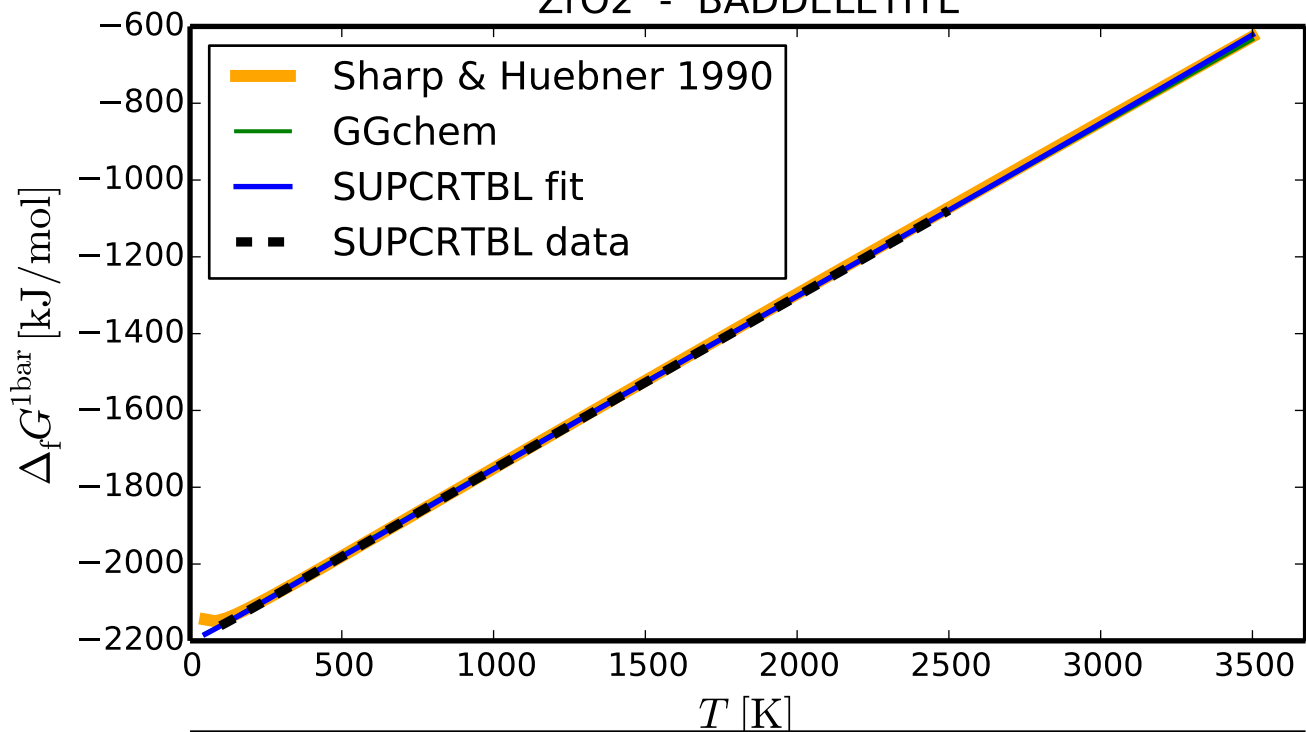
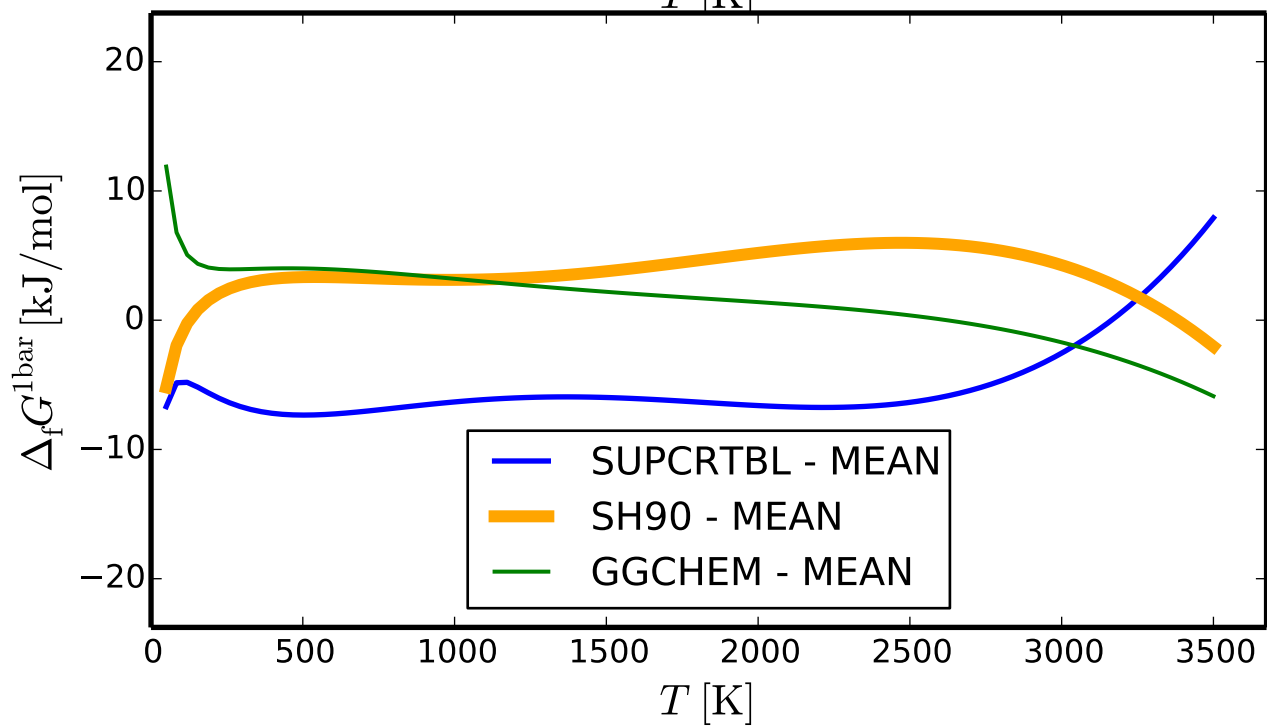
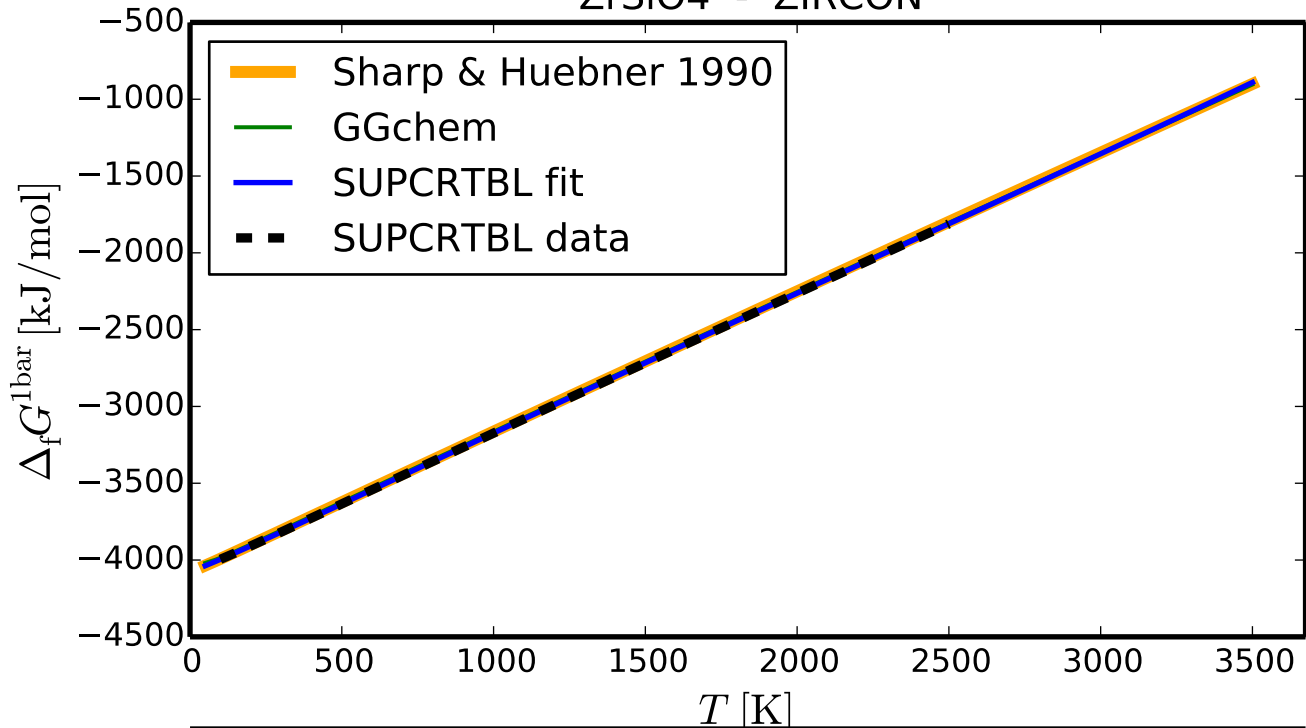


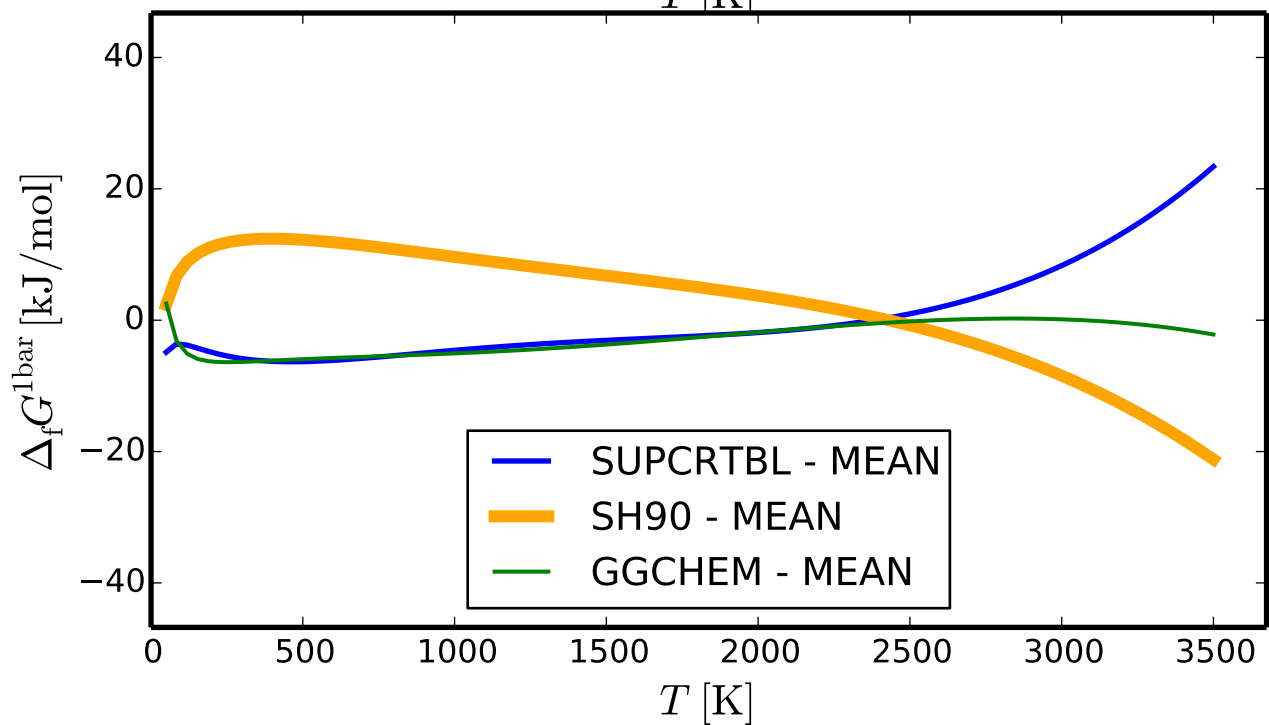
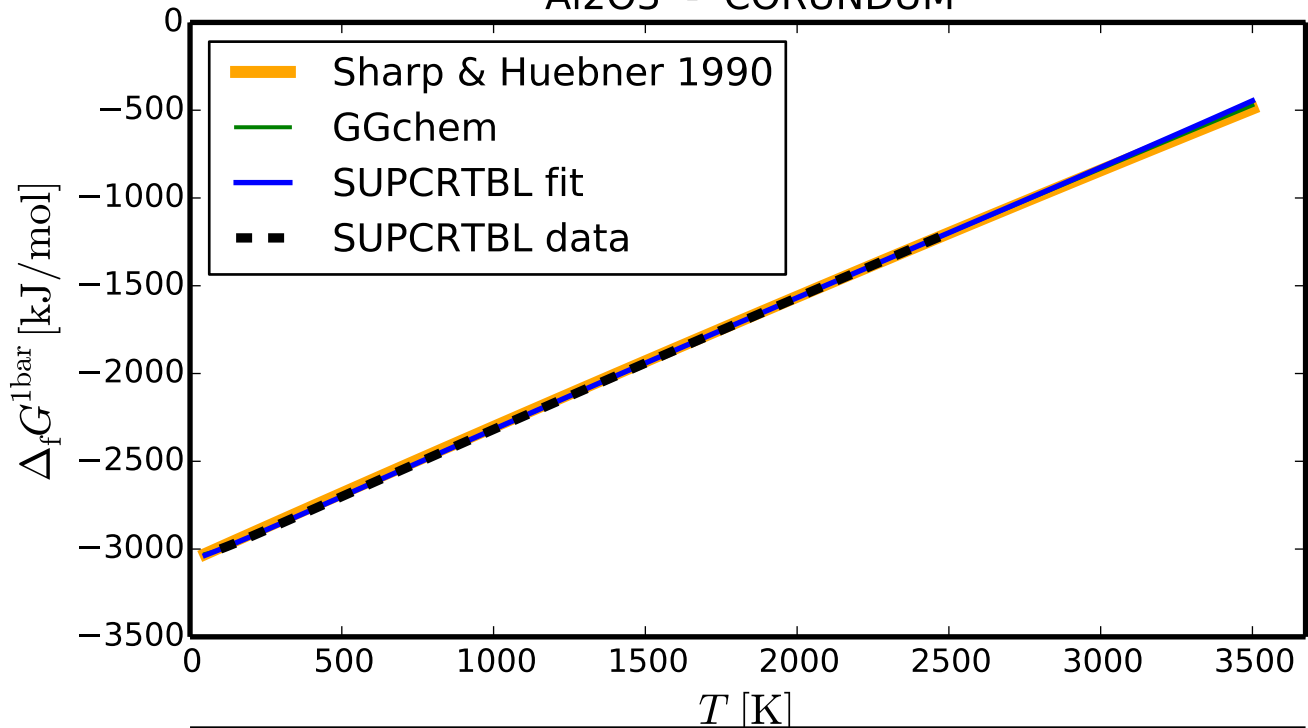
# ZrO2 - BADDELEYITE



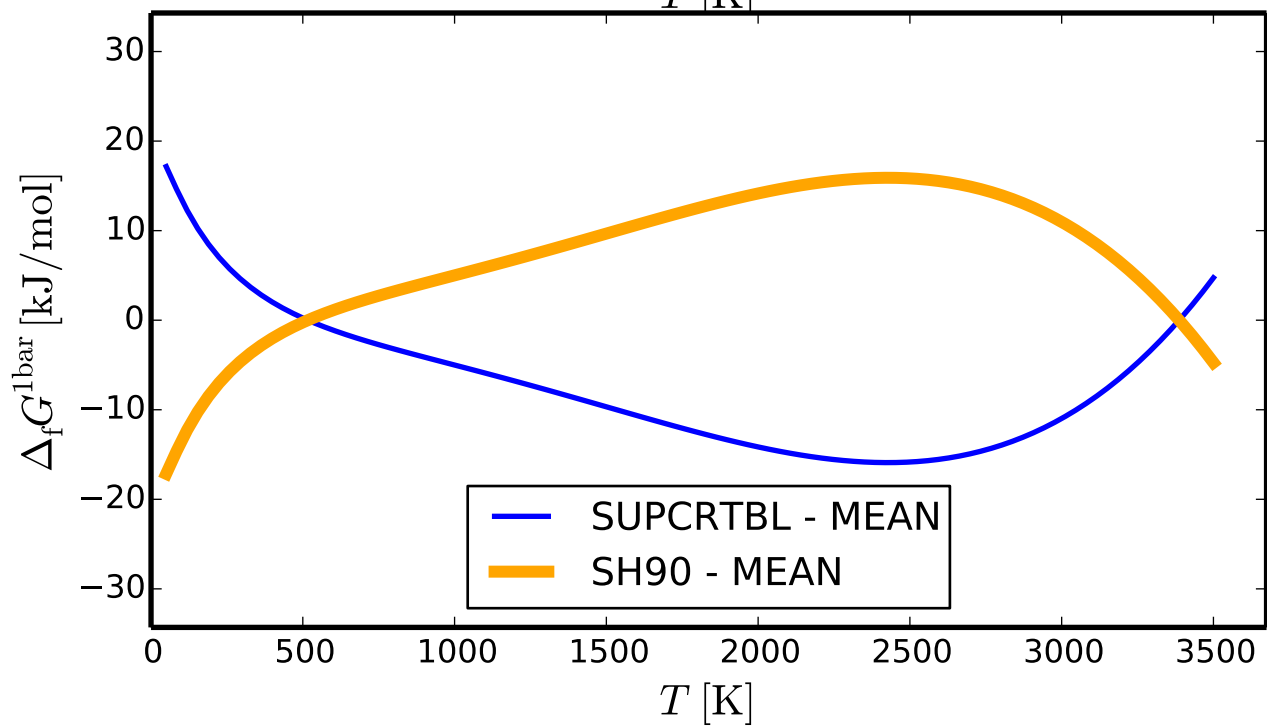
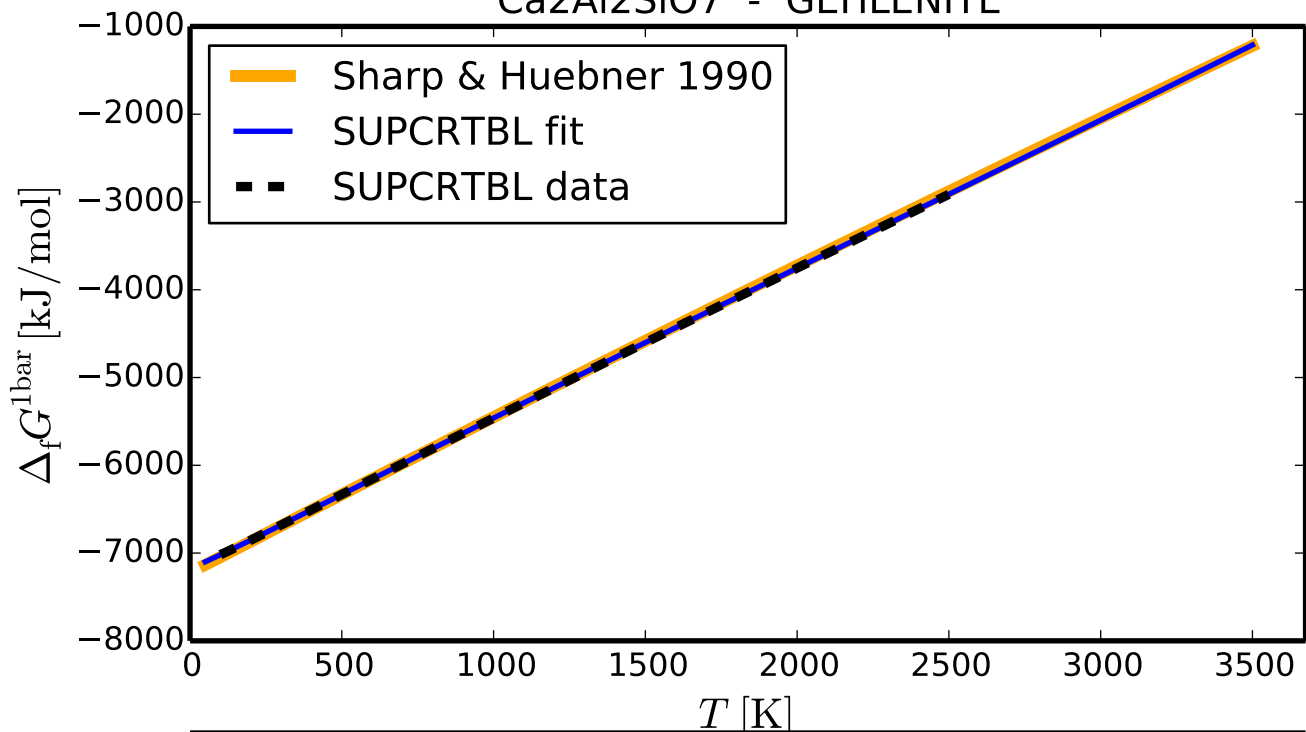
# ZrSiO4 - ZIRCON



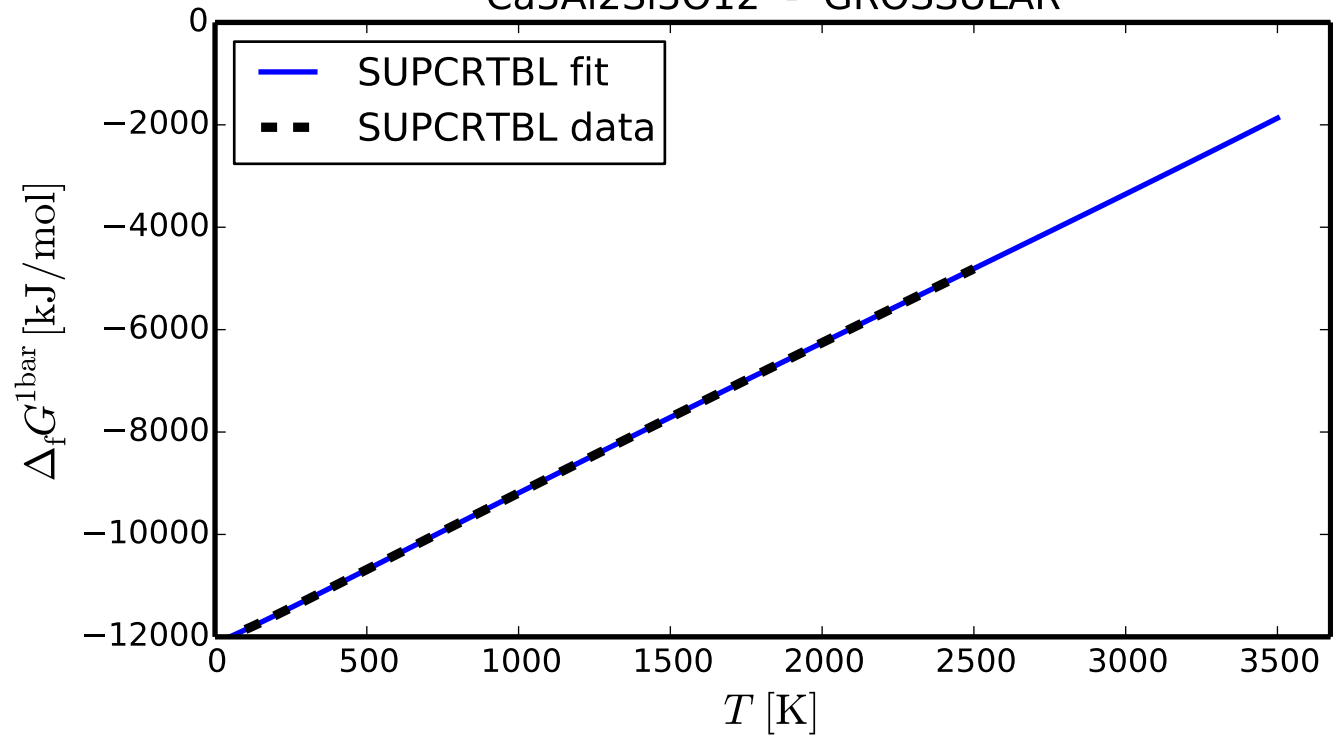
# Al2O3 - CORUNDUM



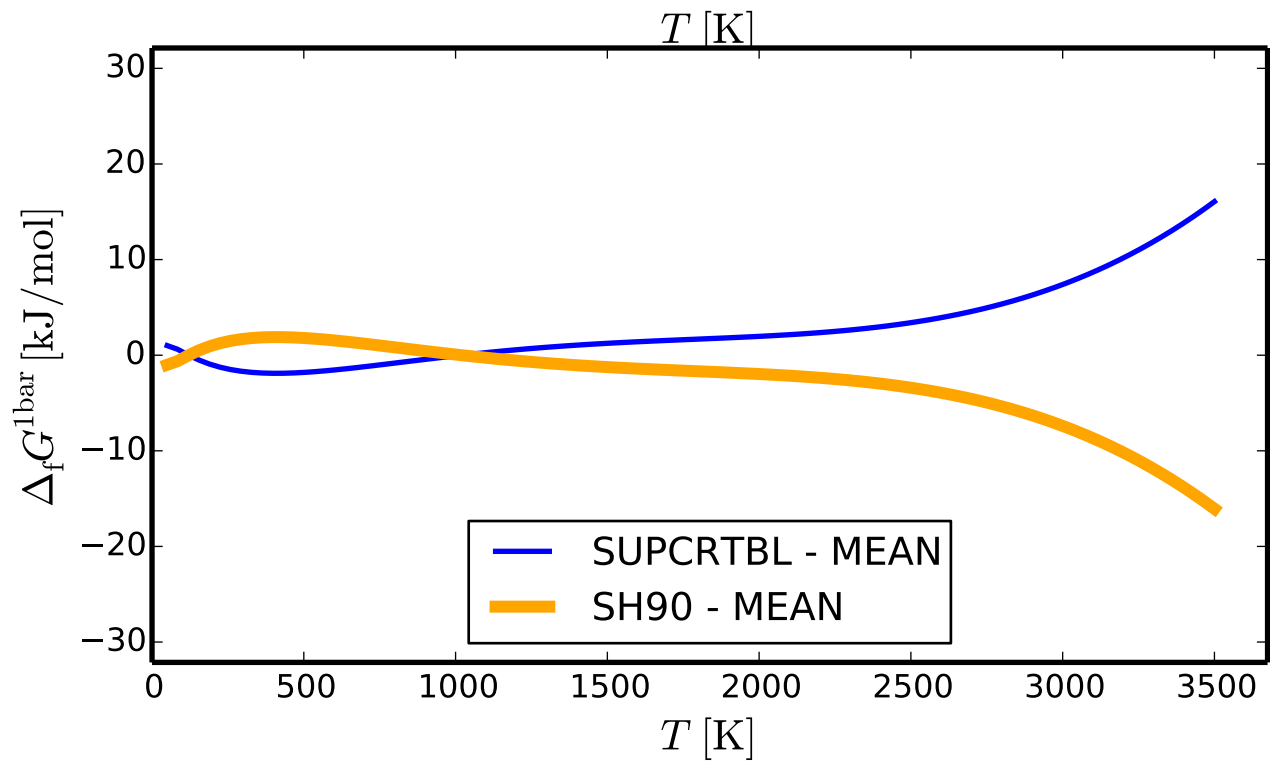
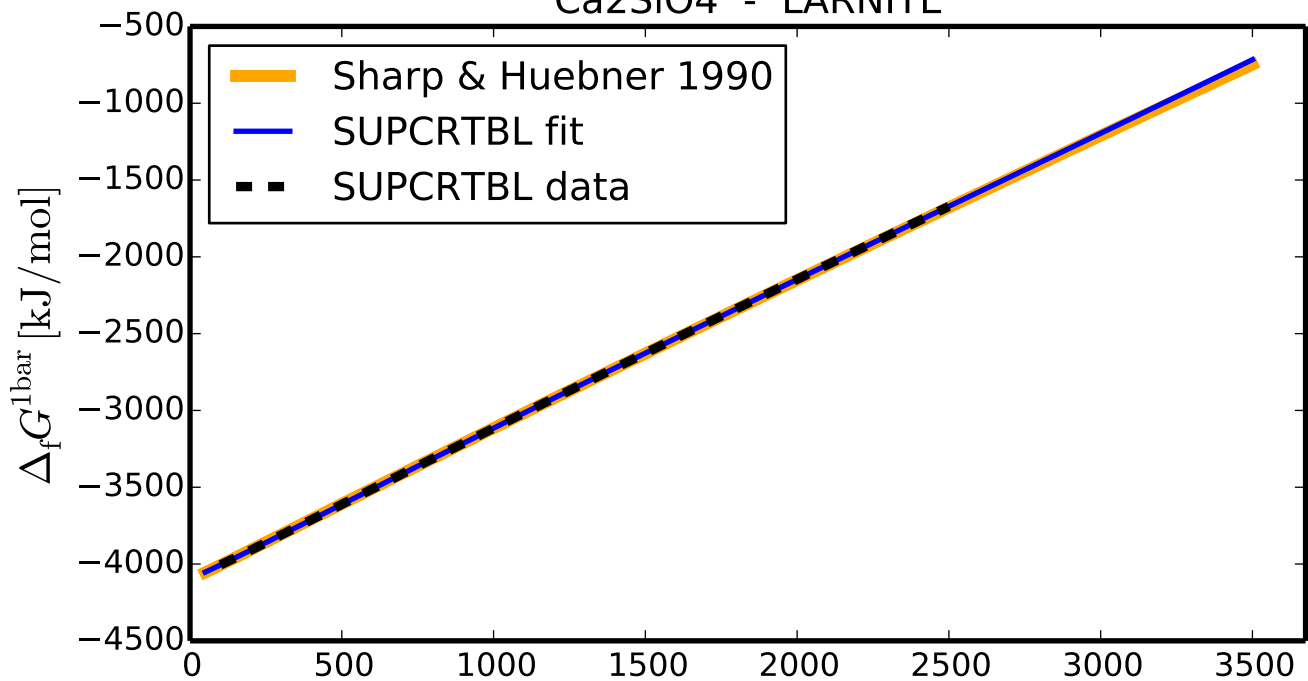
# Ca<sub>2</sub>Al<sub>2</sub>SiO<sub>7</sub> - GEHLENITE

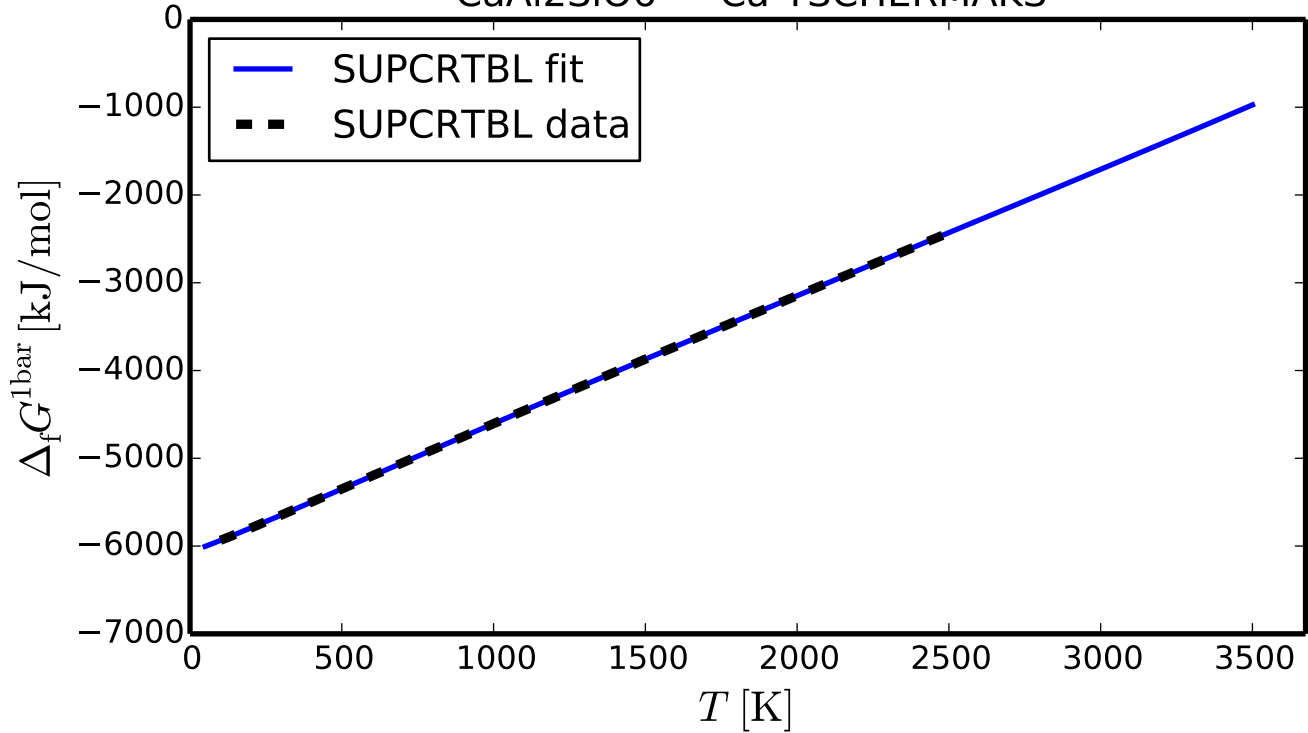


# Ca3Al2Si3O12 - GROSSULAR

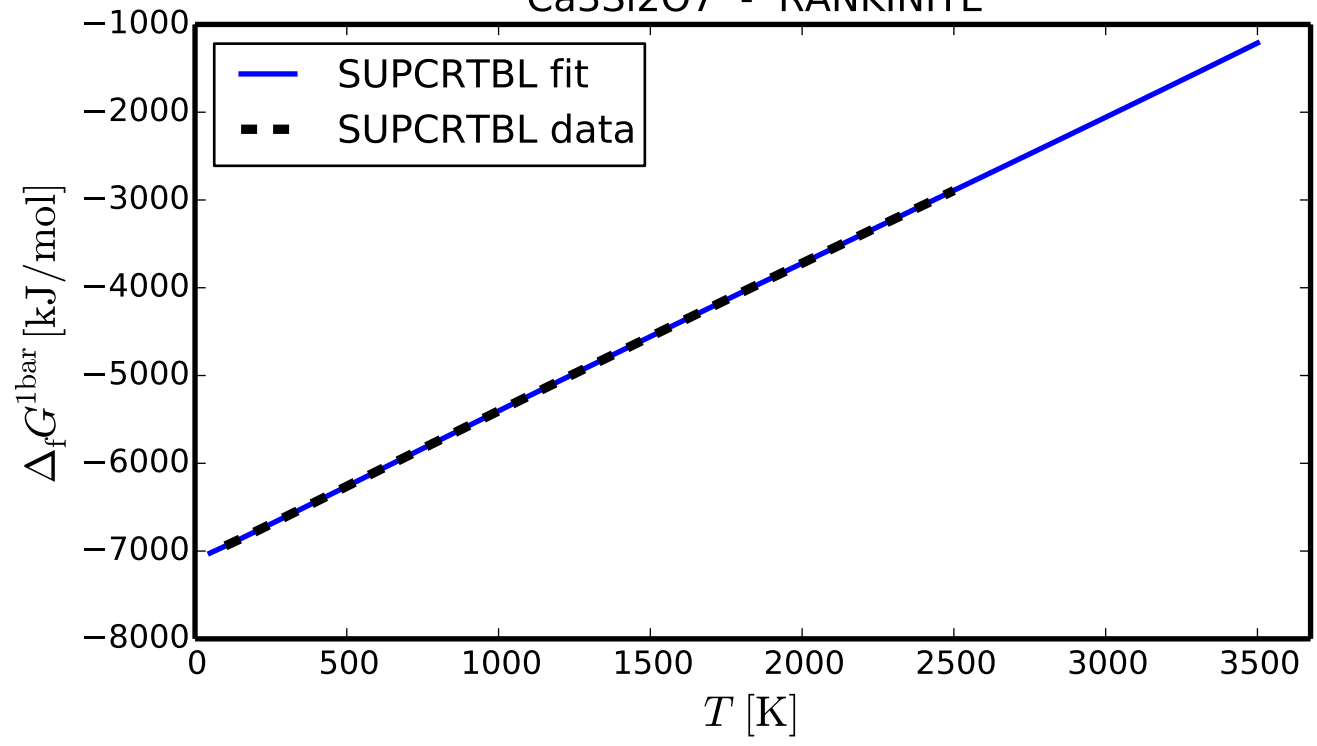


# Ca2SiO4 - LARNITE



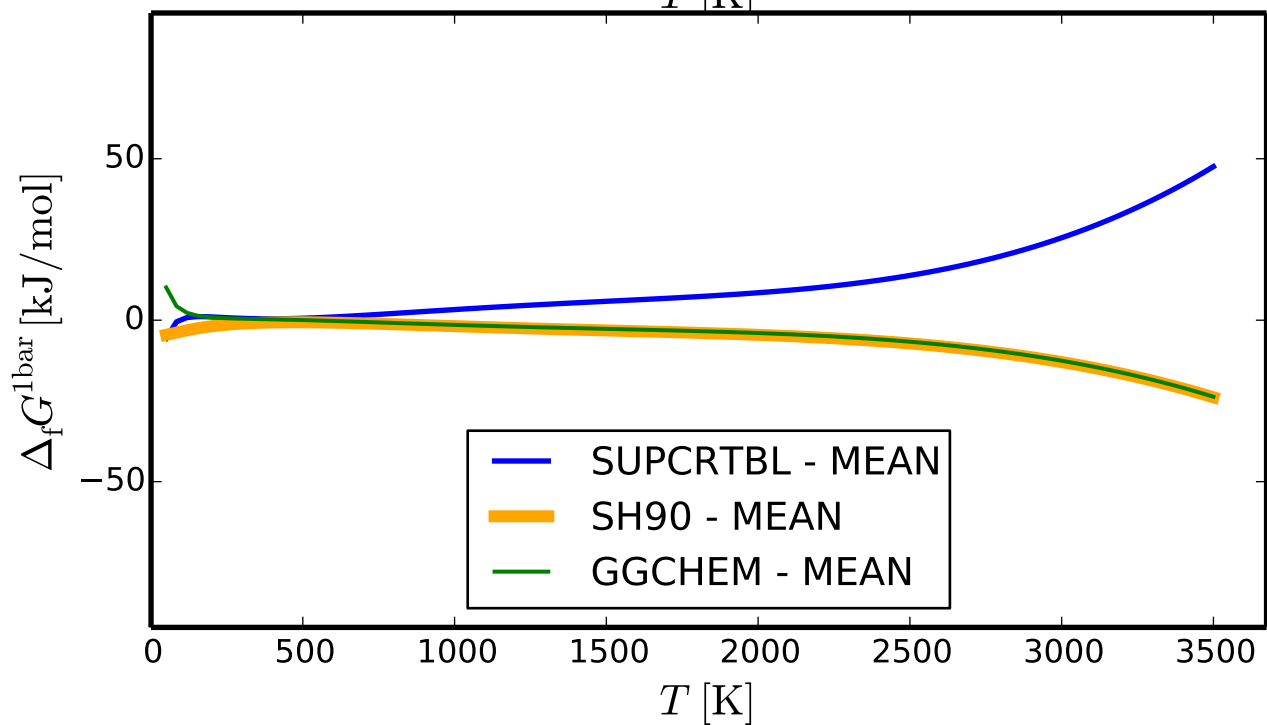
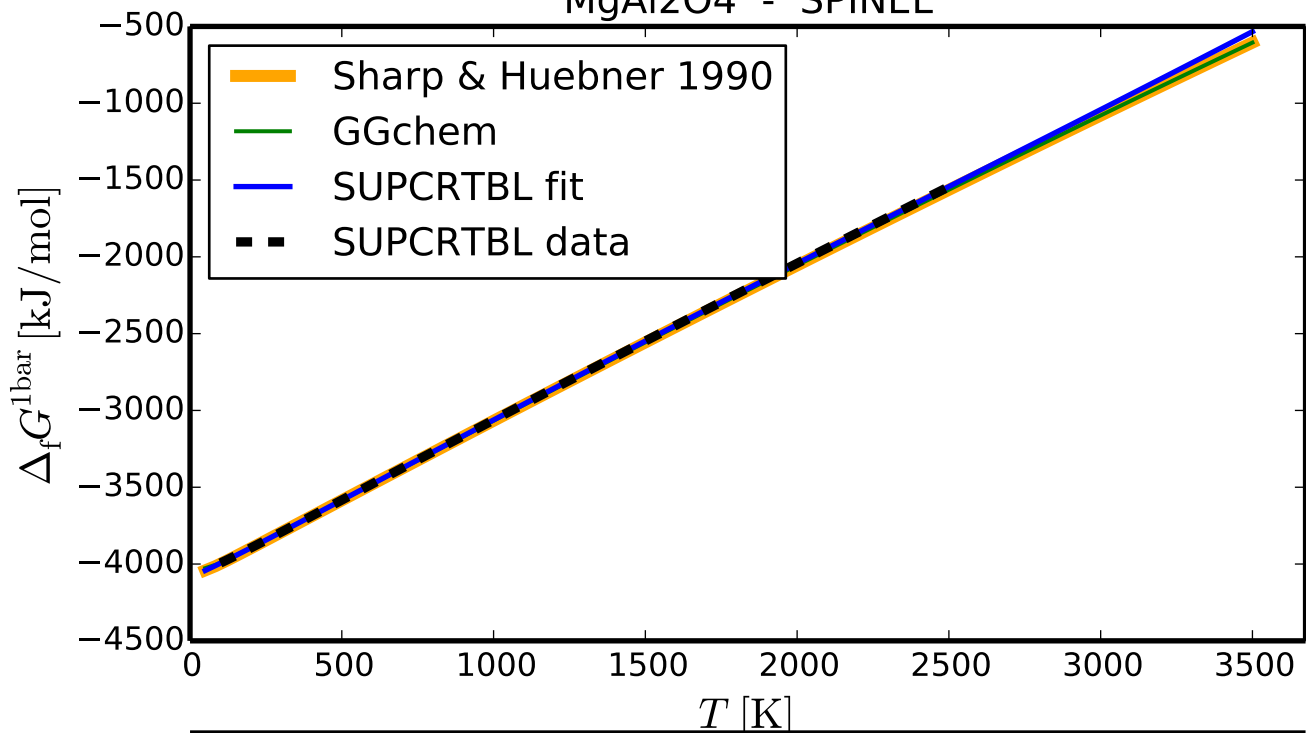
CaAl<sub>2</sub>SiO<sub>6</sub> - Ca-TSCHERMAKS

# Ca3Si2O7 - RANKINITE

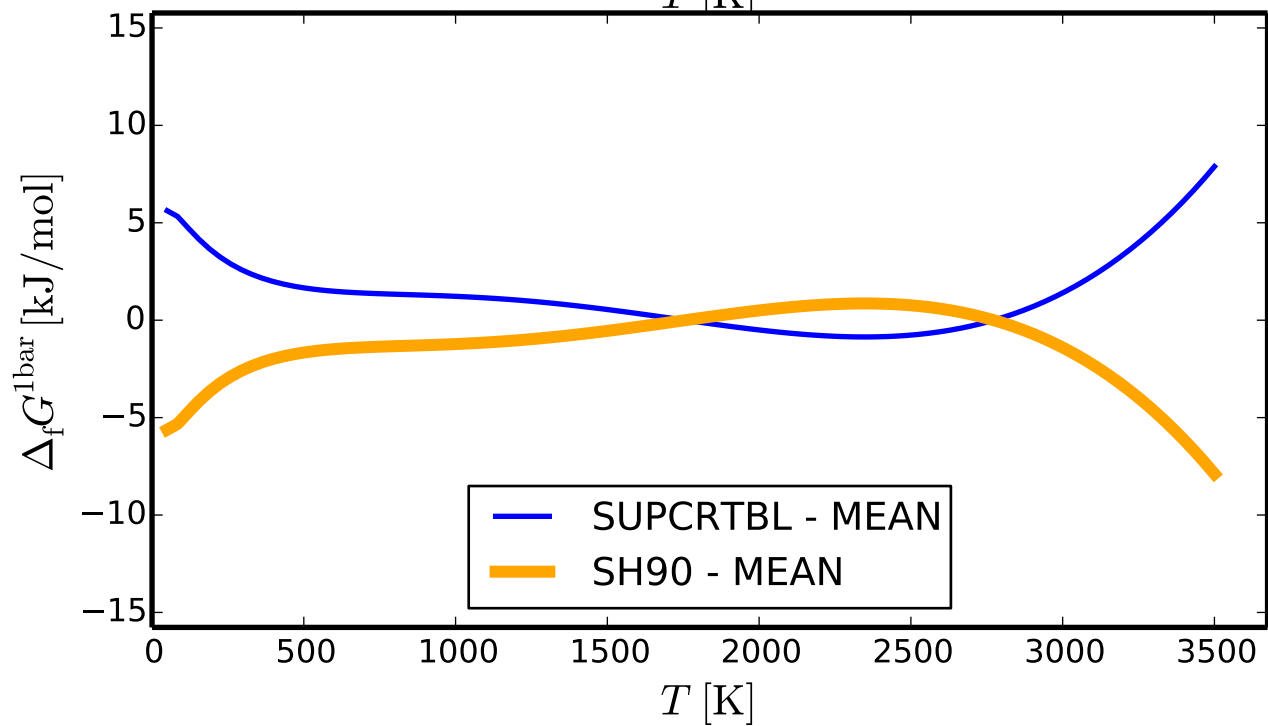
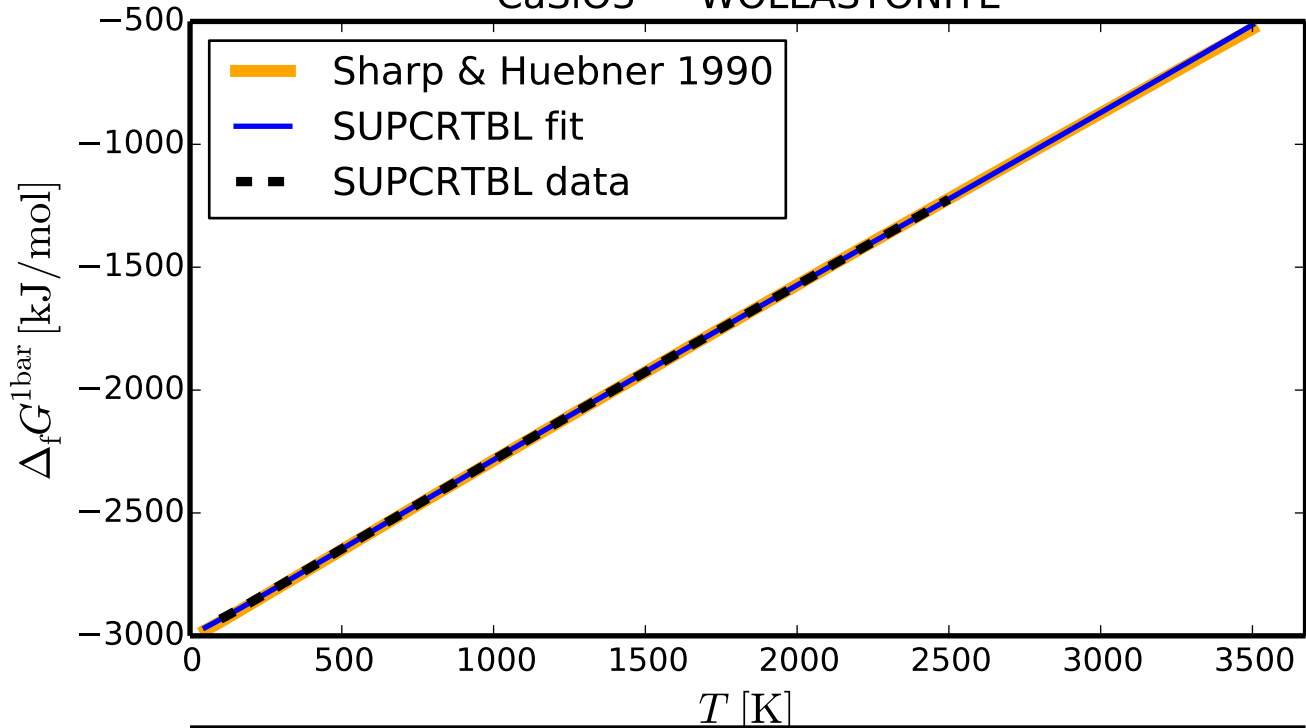




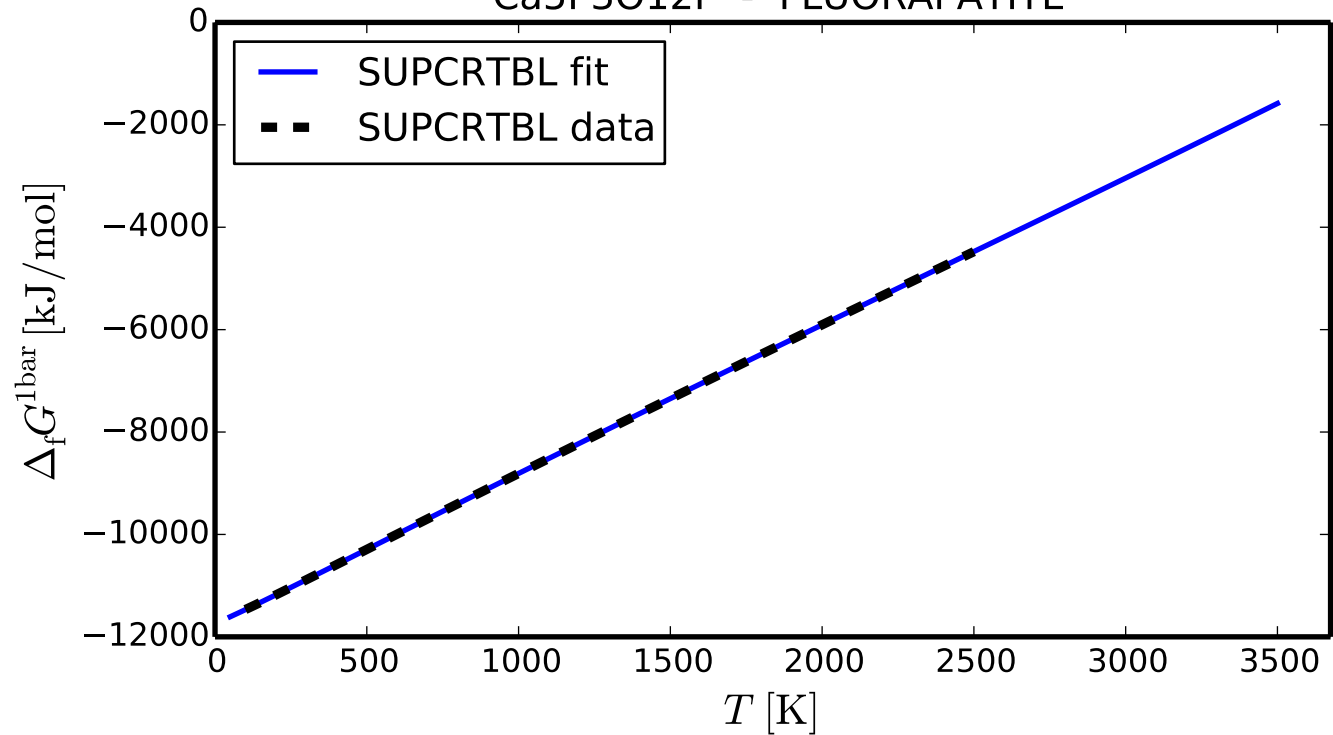
## MgAl2O4 - SPINEL



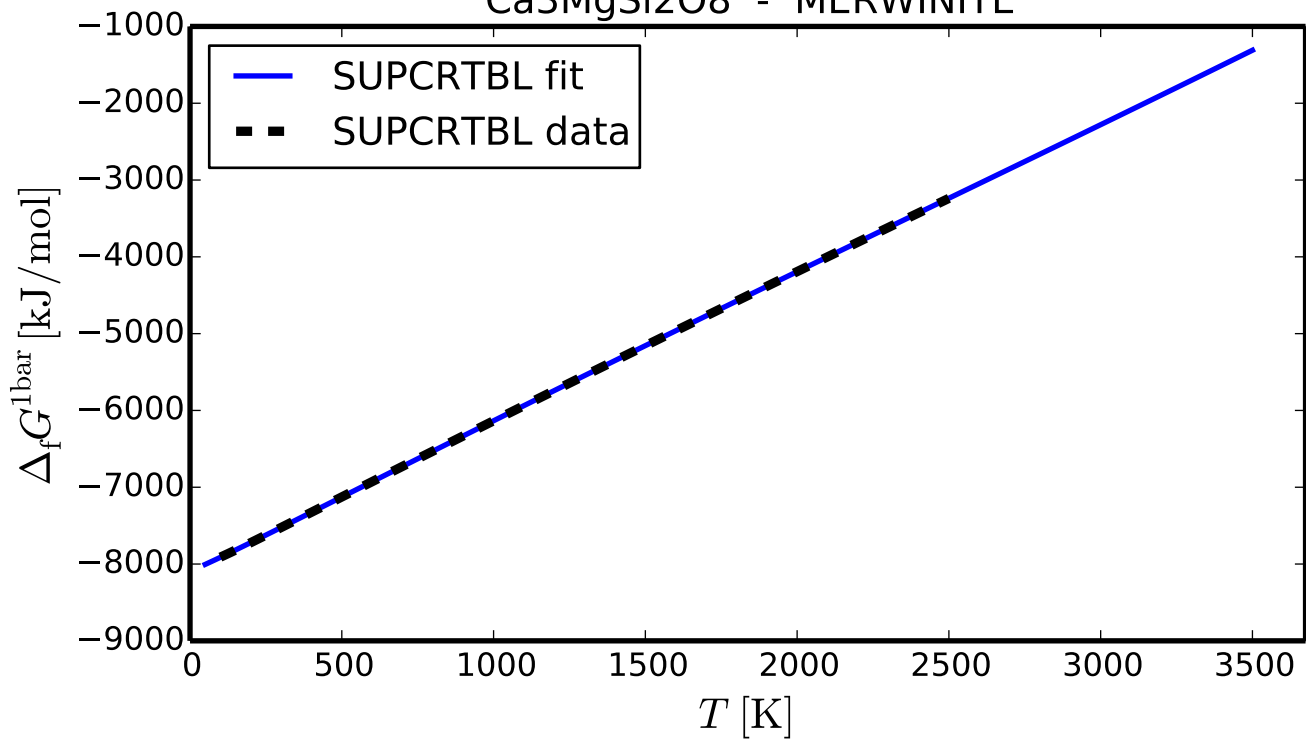
# CaSiO<sub>3</sub> - WOLLASTONITE



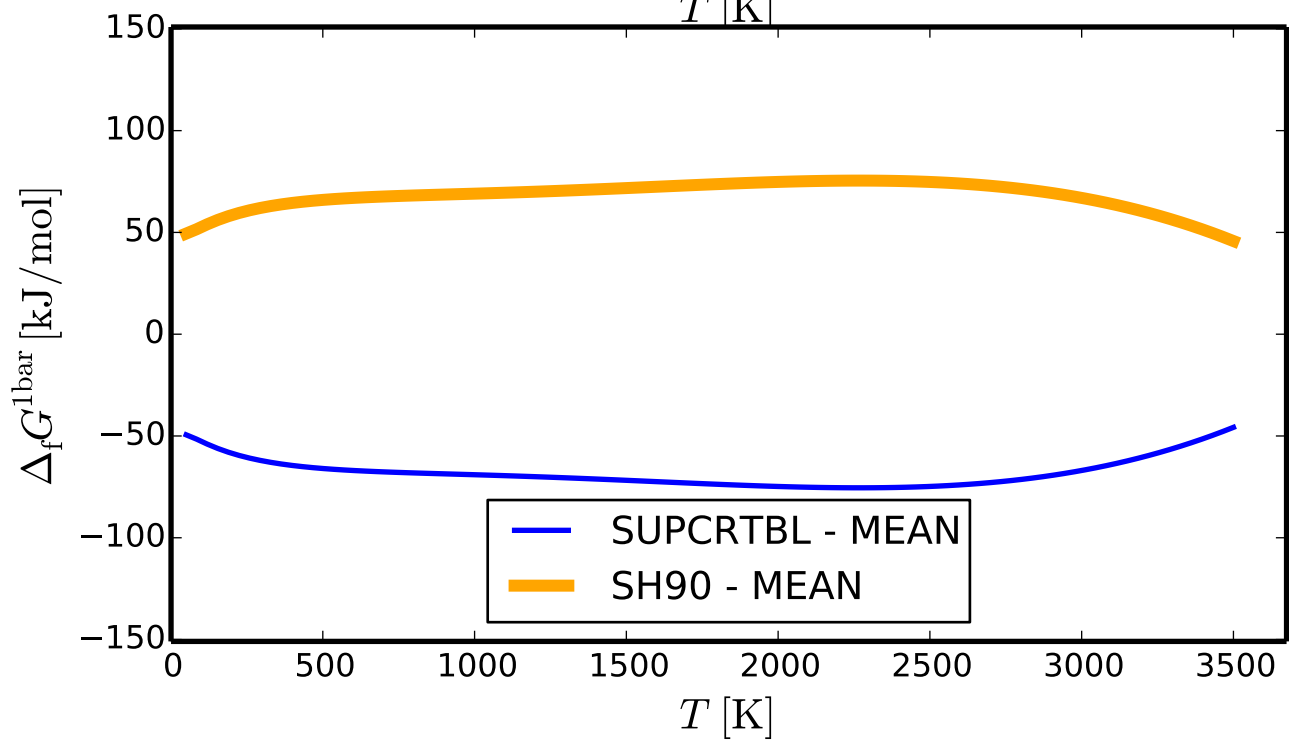
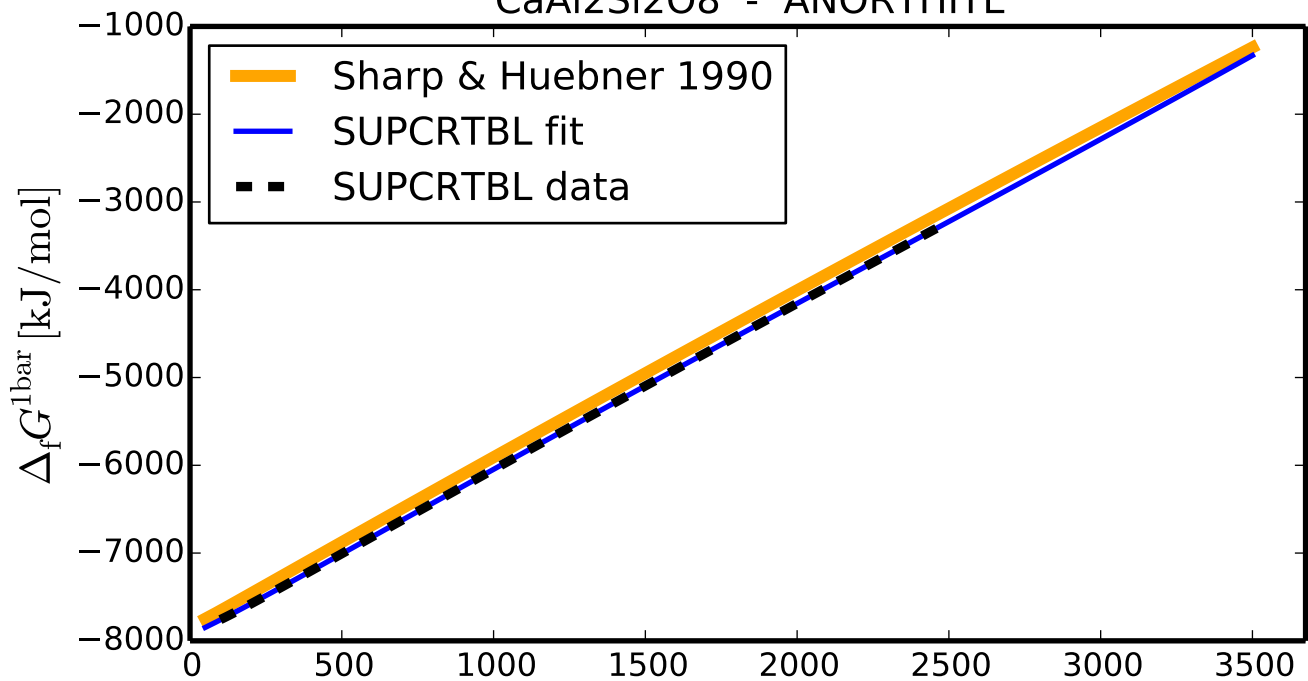
# Ca5P3O12F - FLUORAPATITE



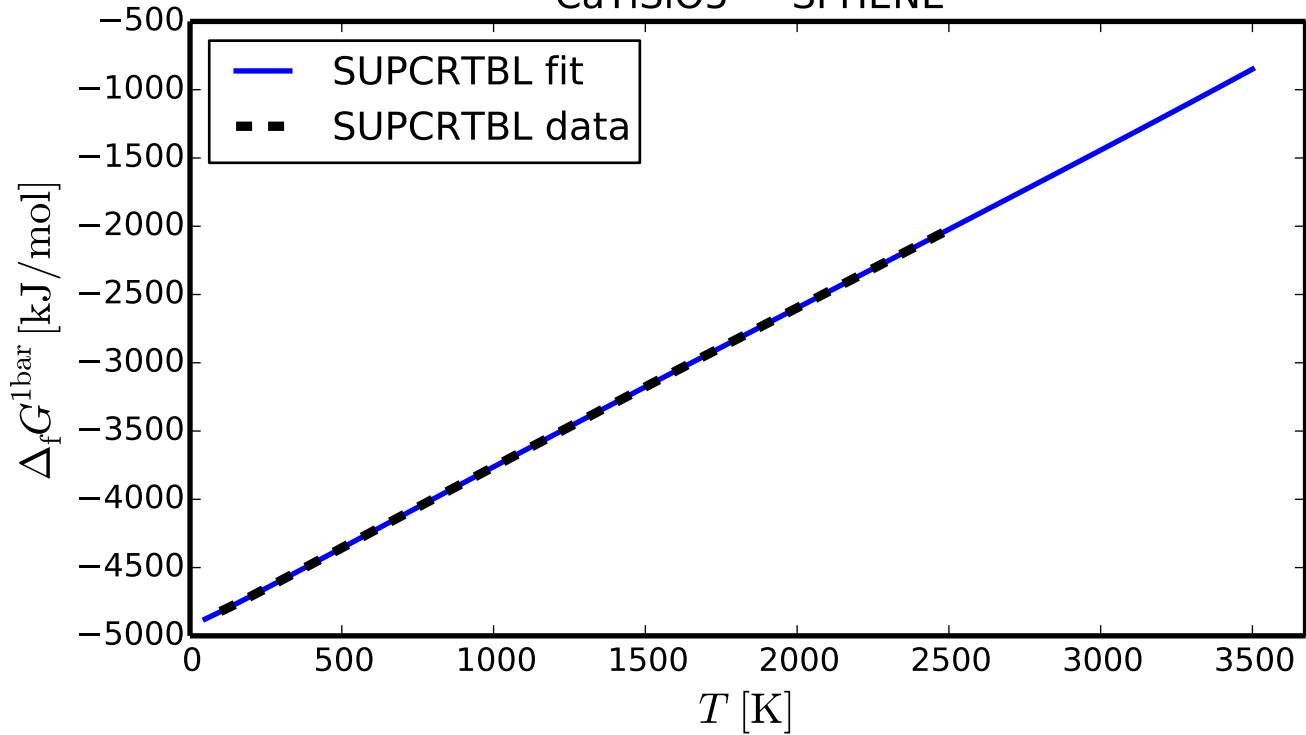
## Ca3MgSi2O8 - MERWINITE



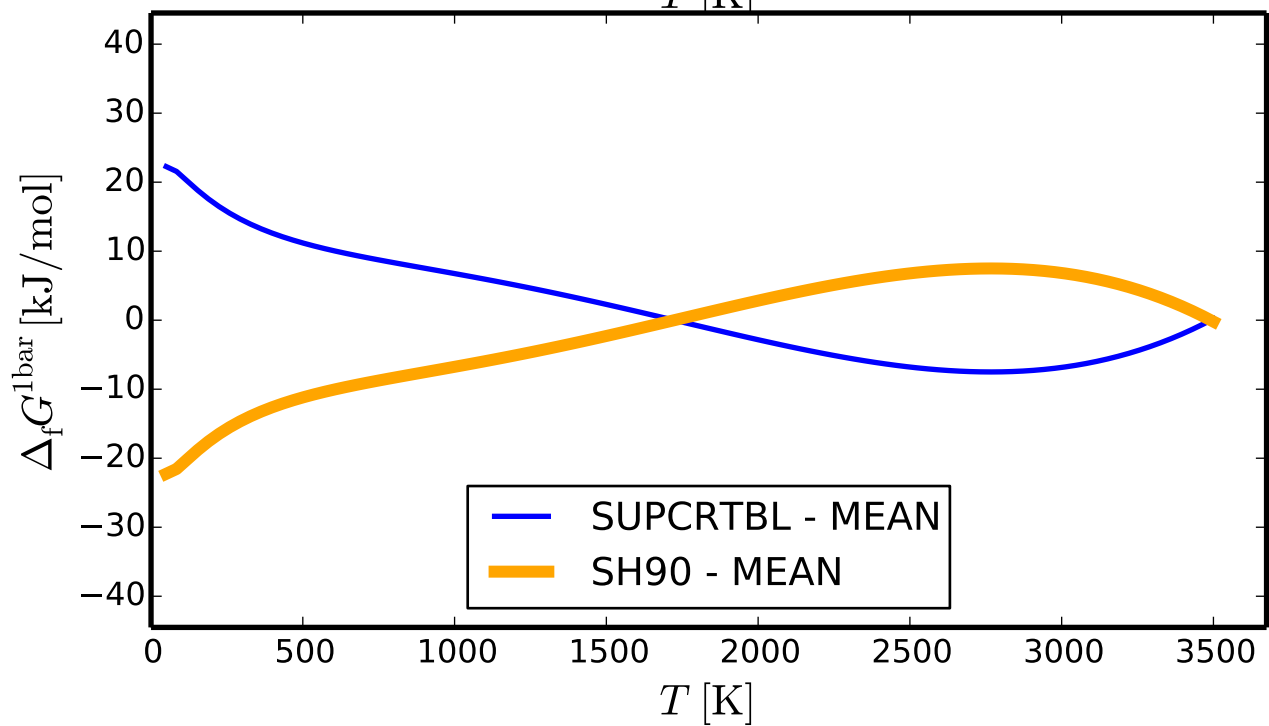
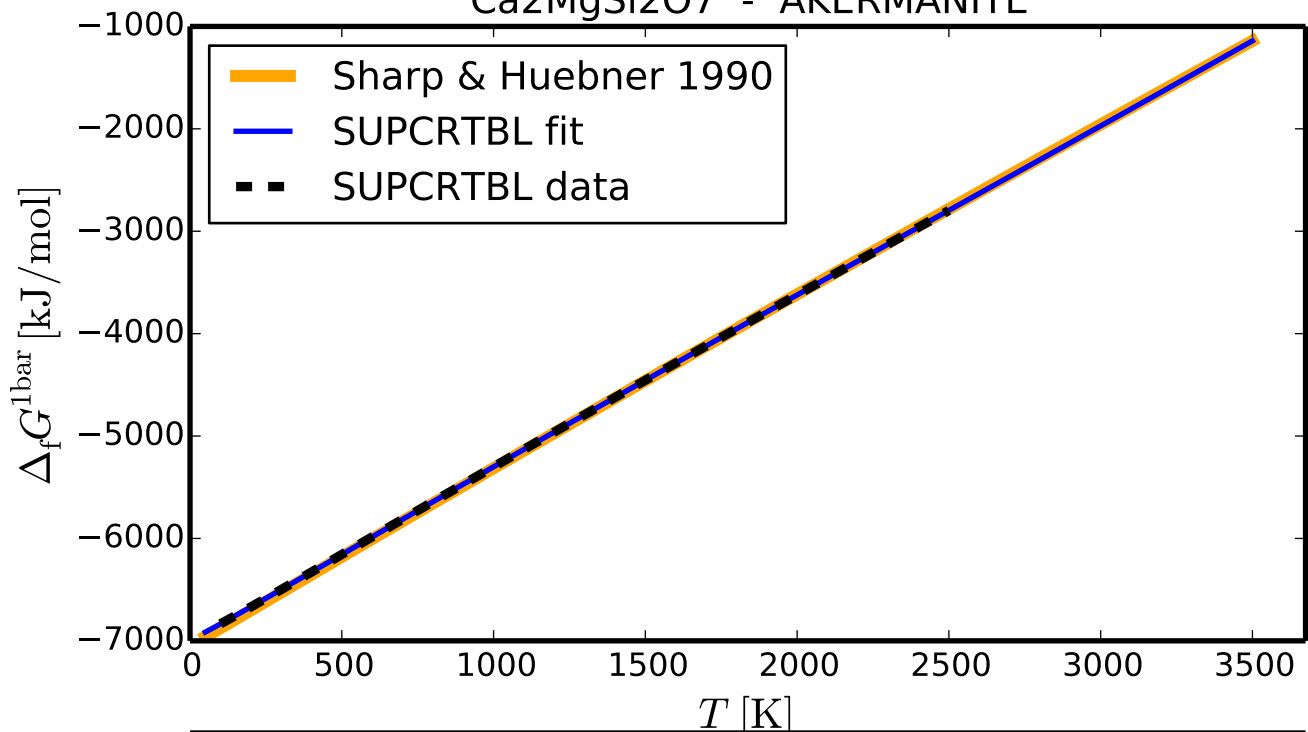
# CaAl<sub>2</sub>Si<sub>2</sub>O<sub>8</sub> - ANORTHITE



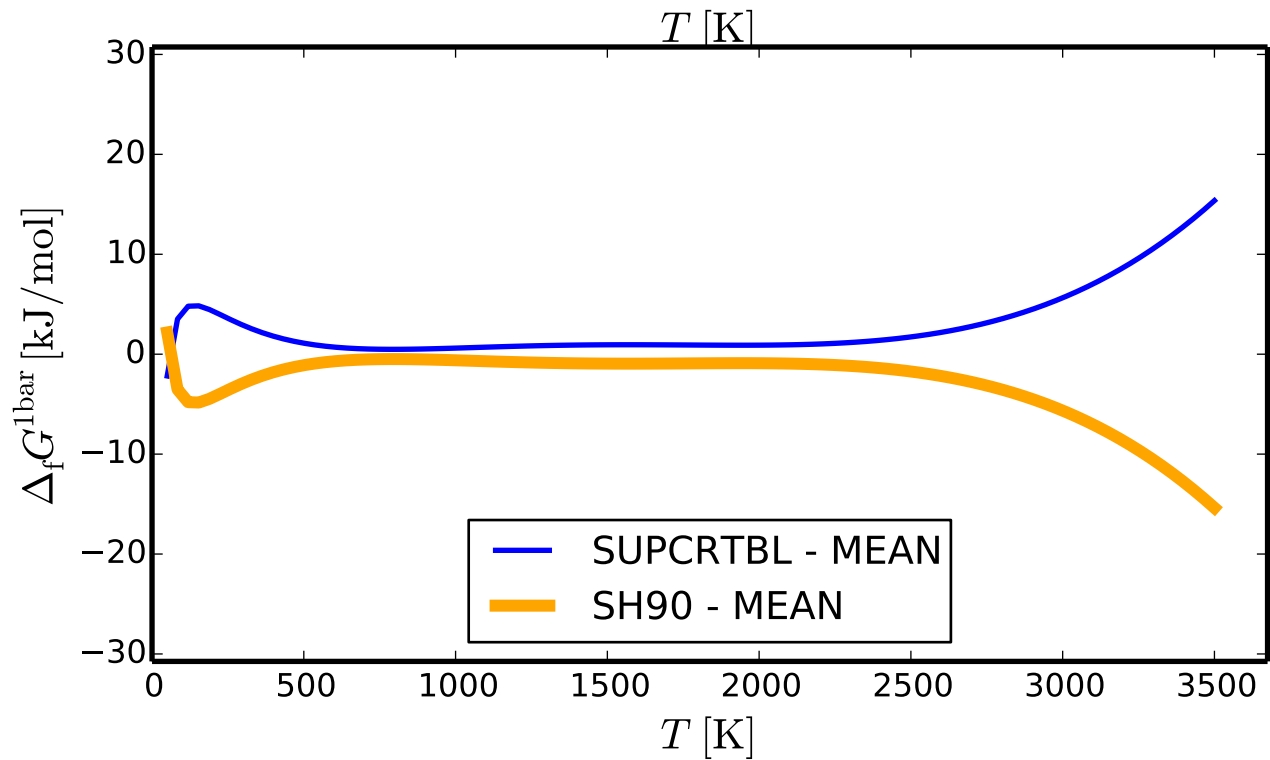
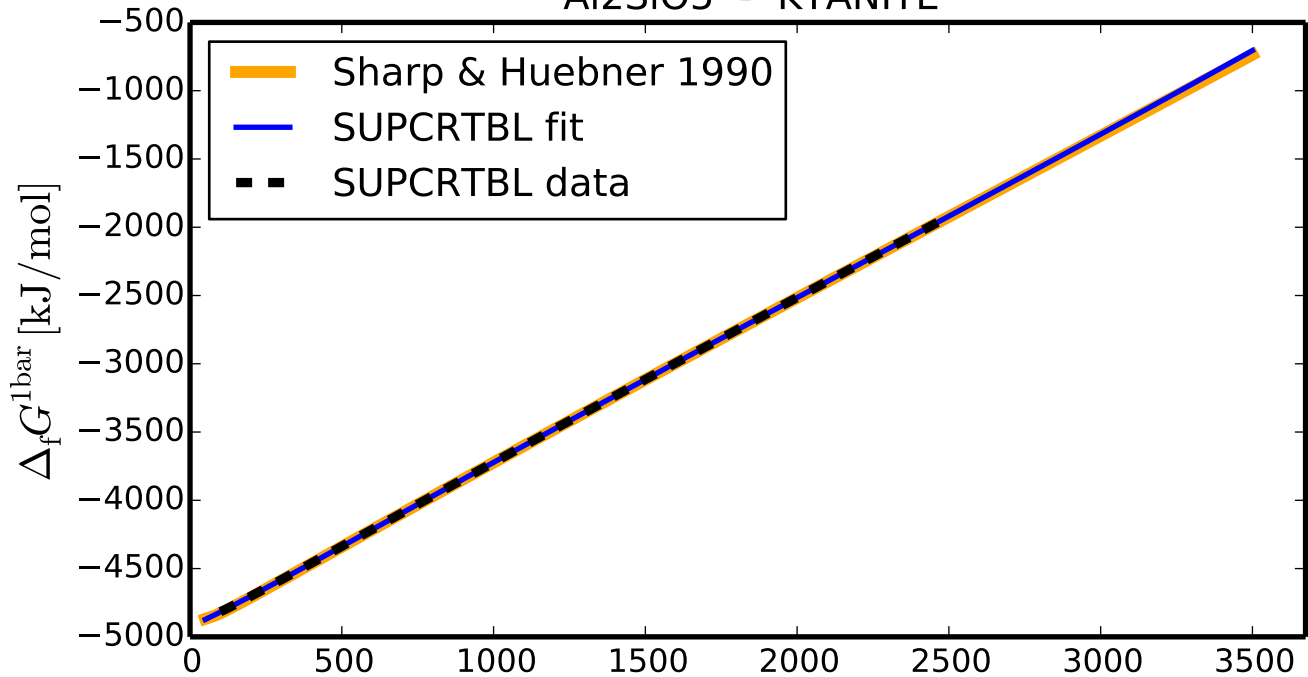
## CaTiSiO5 - SPHENE



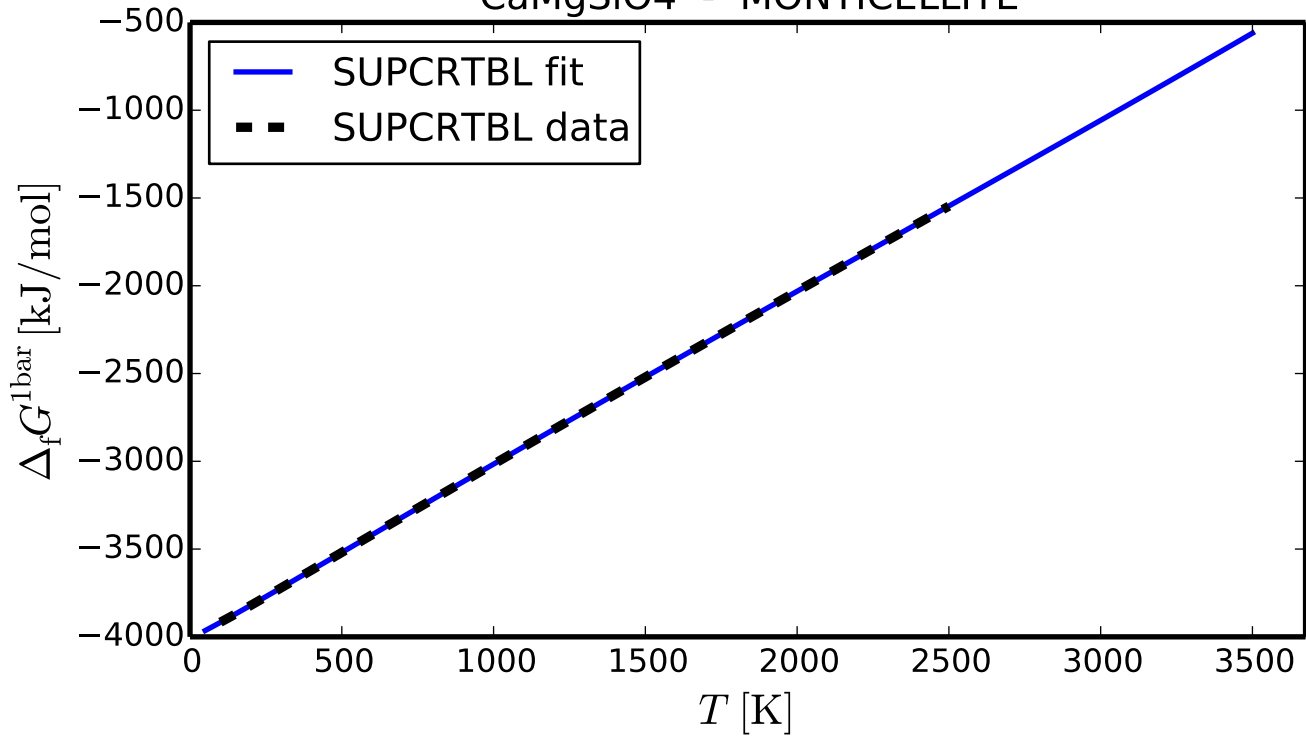
# Ca<sub>2</sub>MgSi<sub>2</sub>O<sub>7</sub> - AKERMANITE



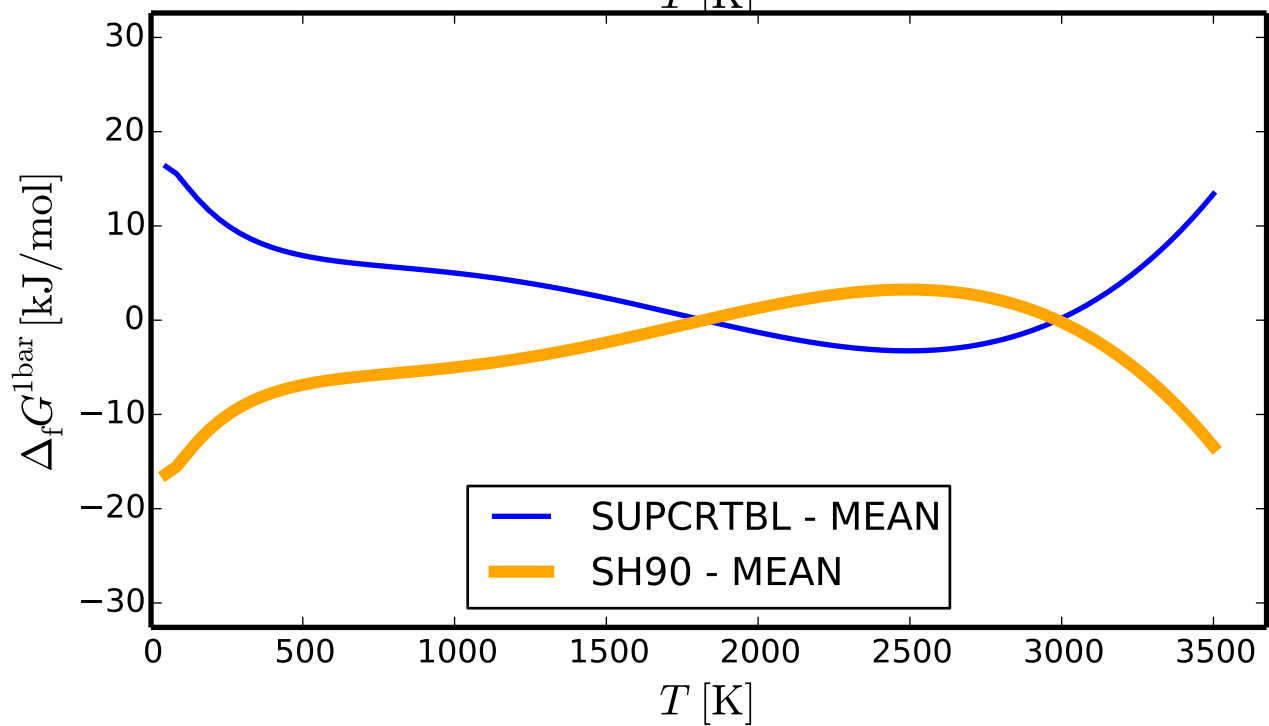
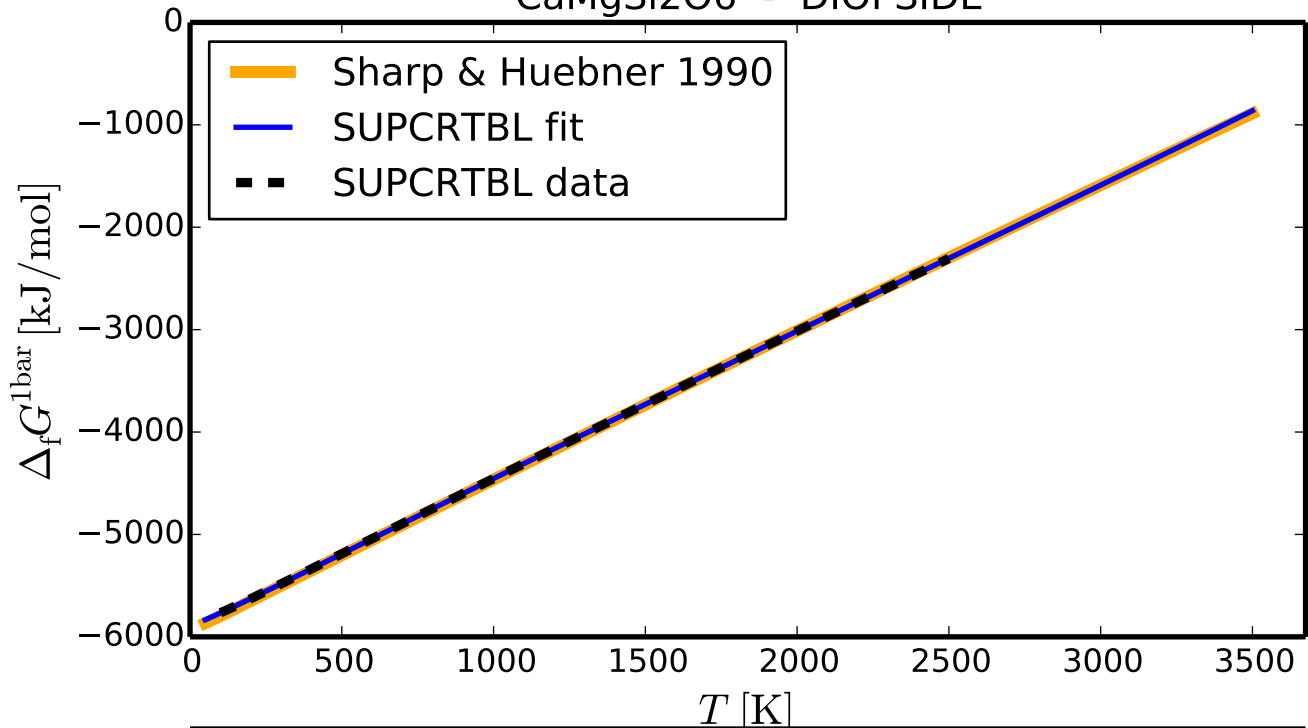
# Al<sub>2</sub>SiO<sub>5</sub> - KYANITE



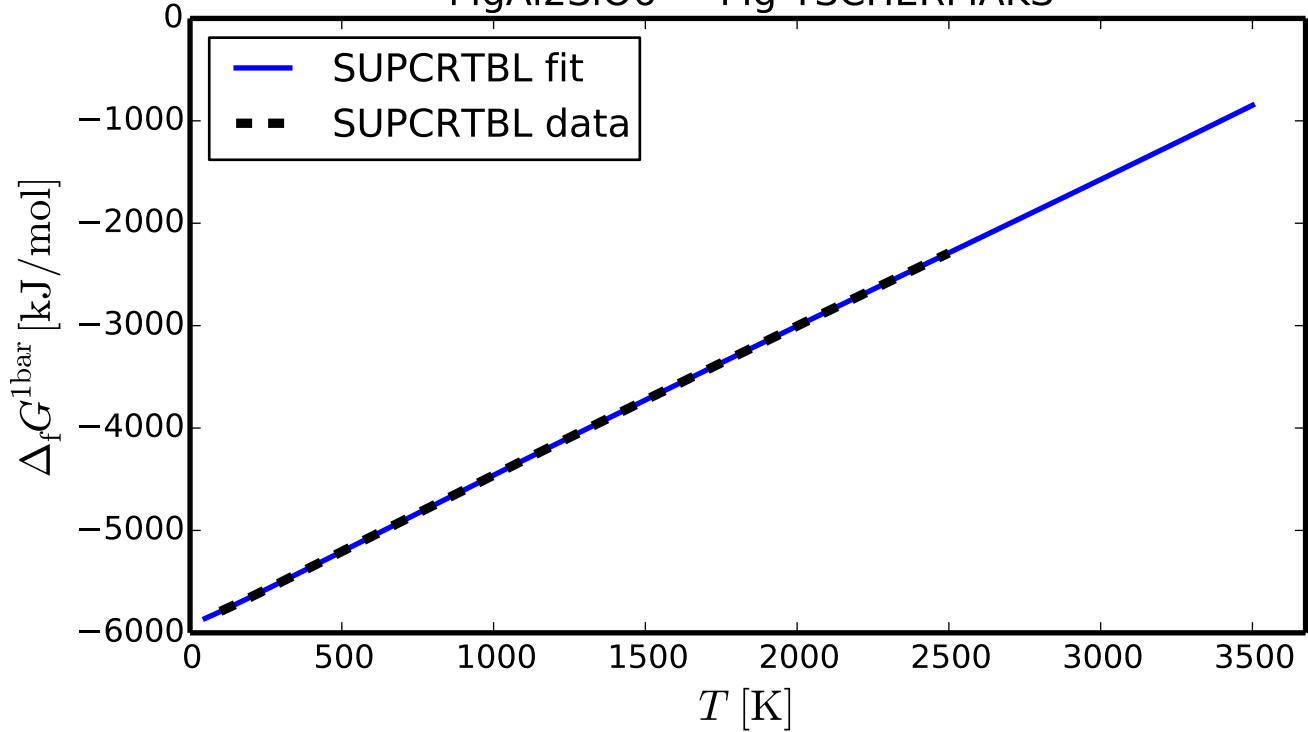


CaMgSiO<sub>4</sub> - MONTICELLITE

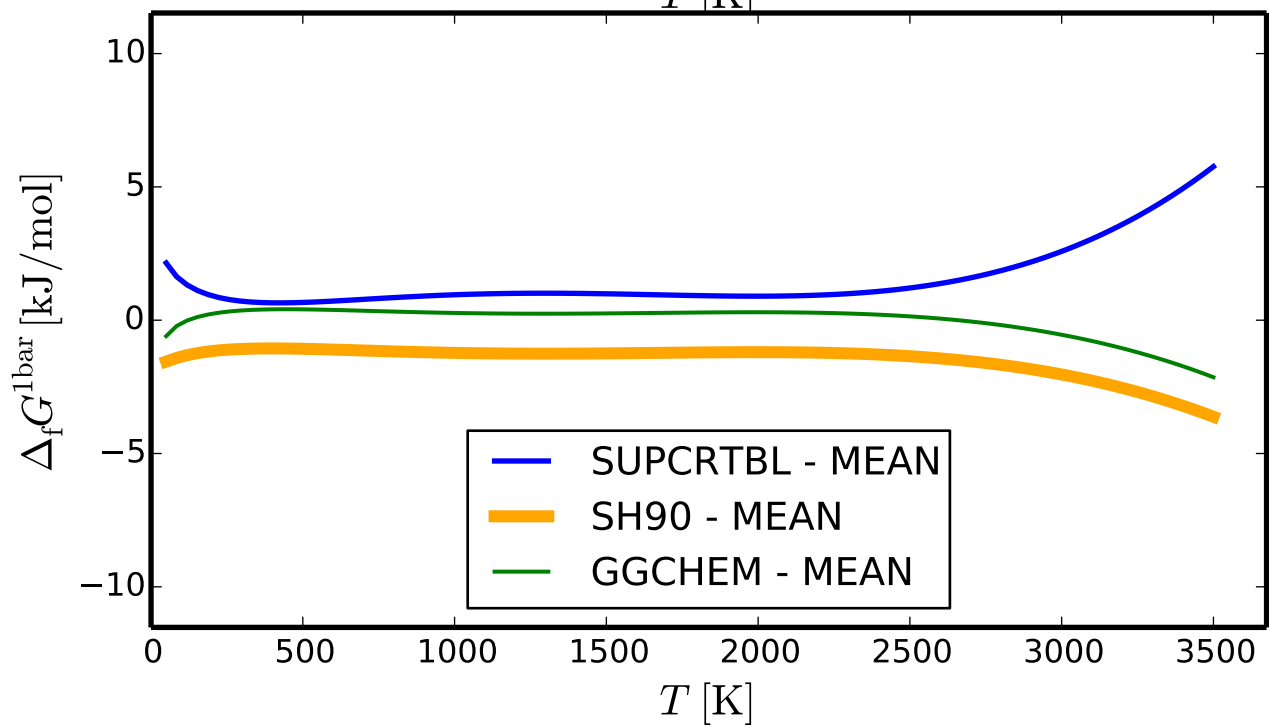
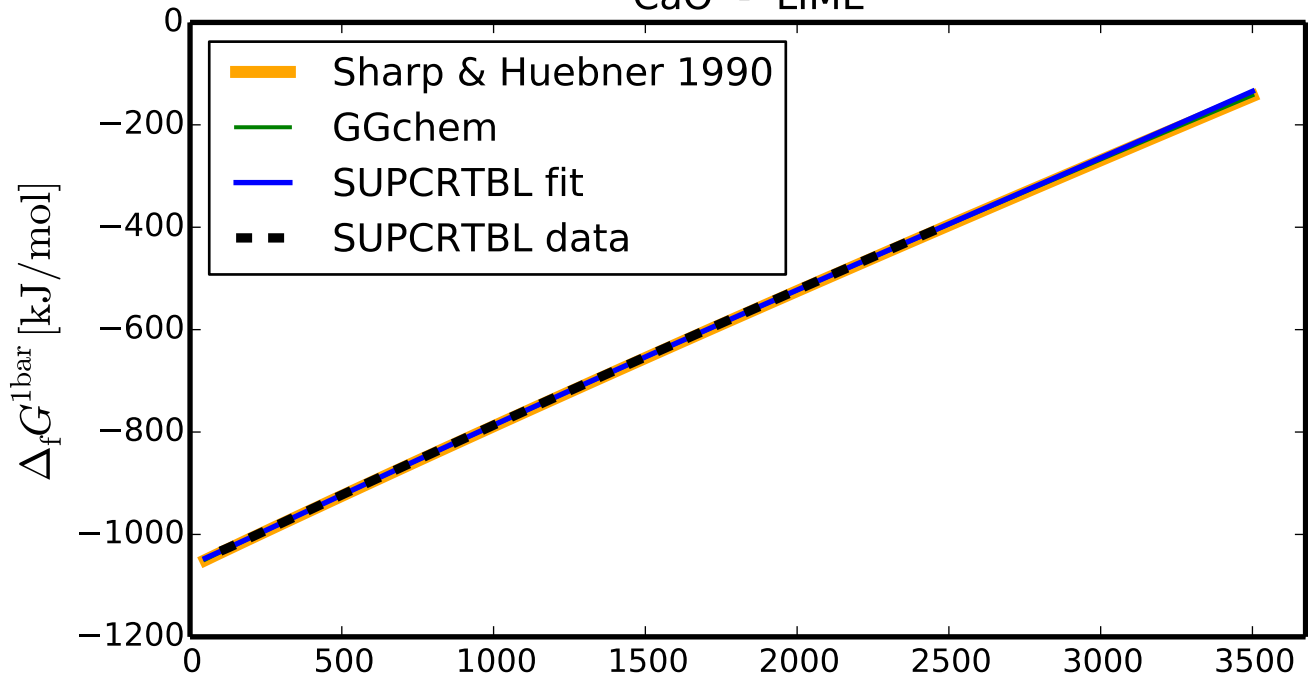
# CaMgSi2O6 - DIOPSIDE



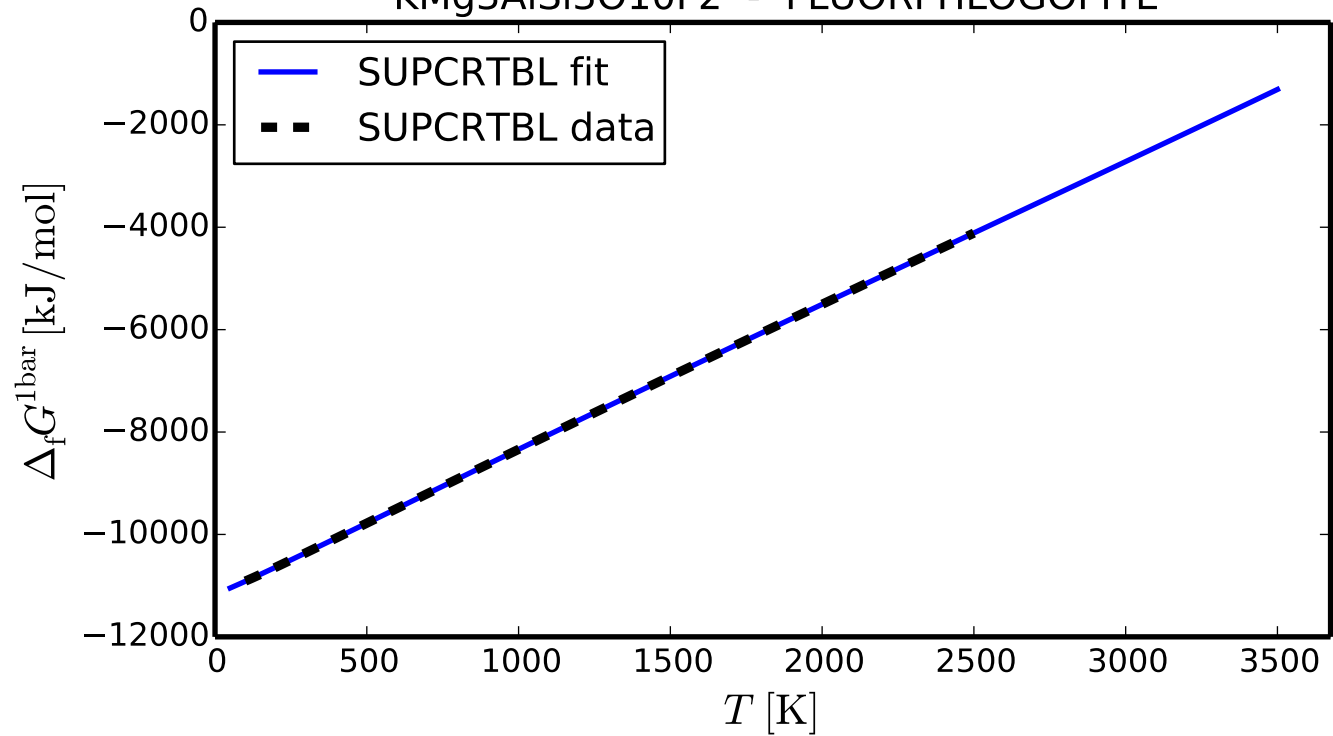
# MgAl<sub>2</sub>SiO<sub>6</sub> - Mg-TSCHERMAKS



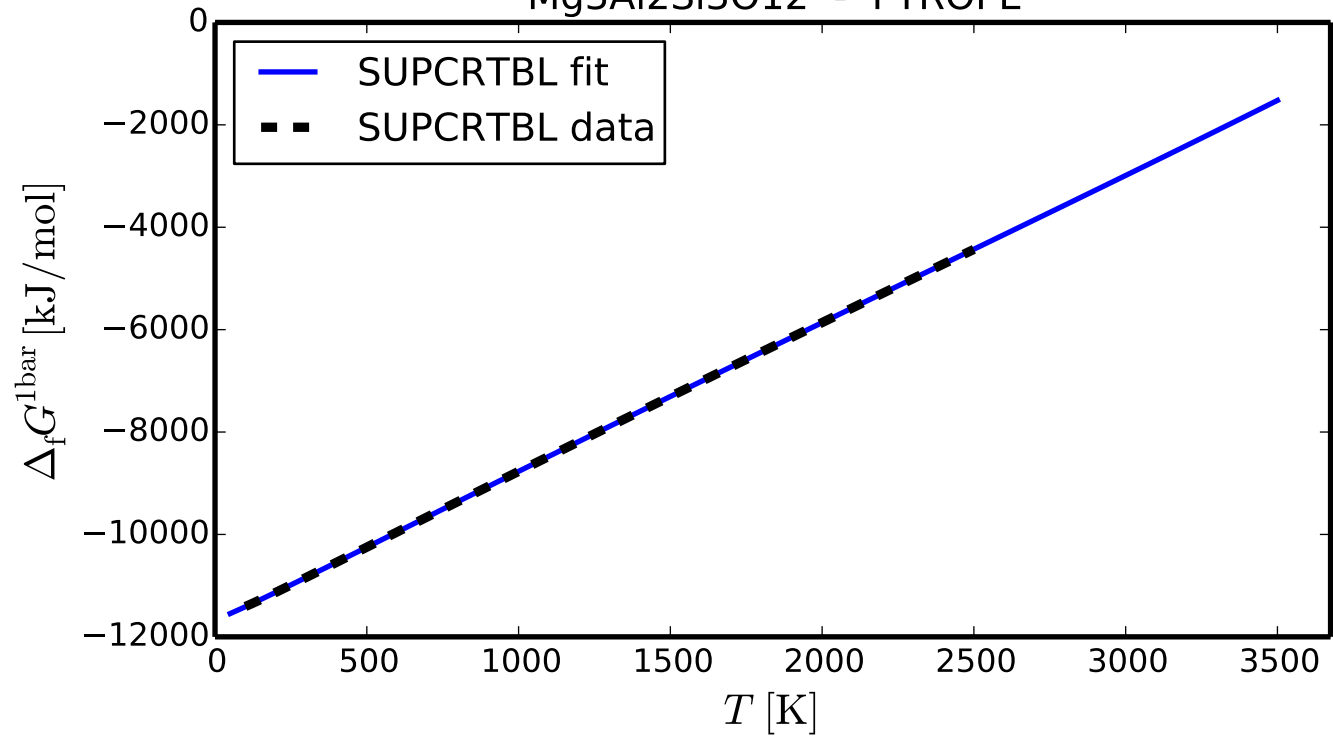
# CaO - LIME



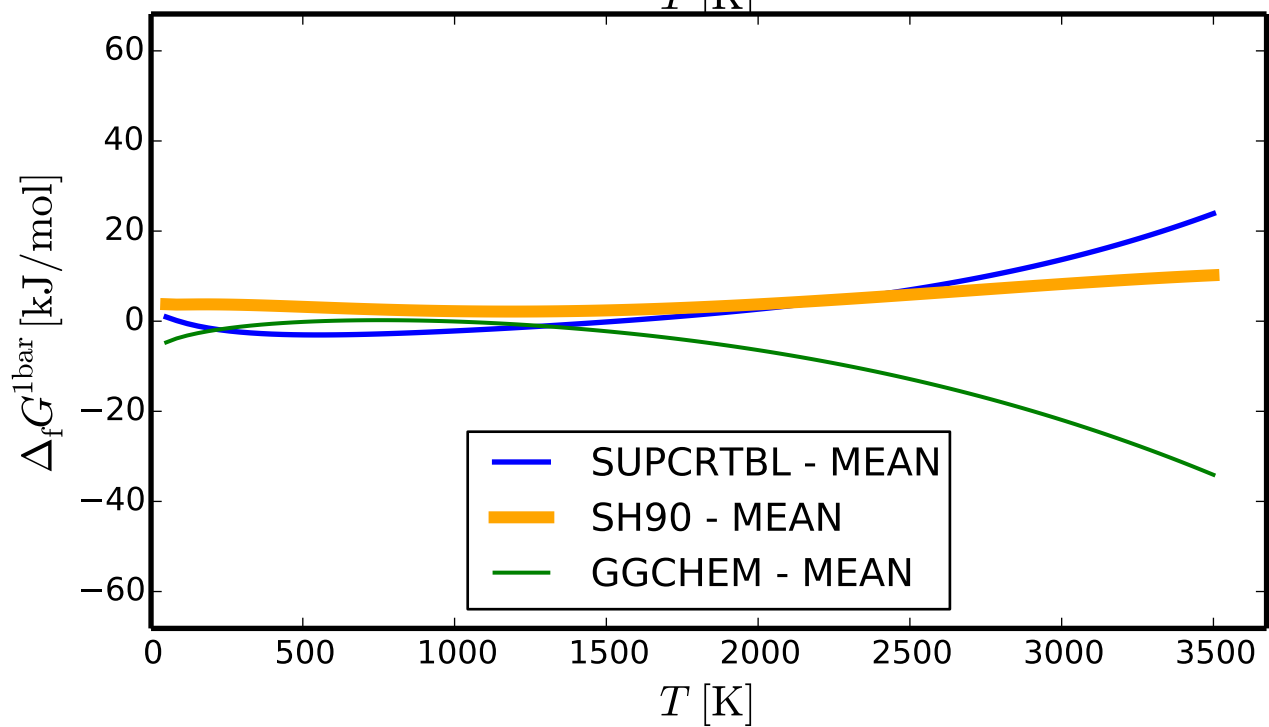
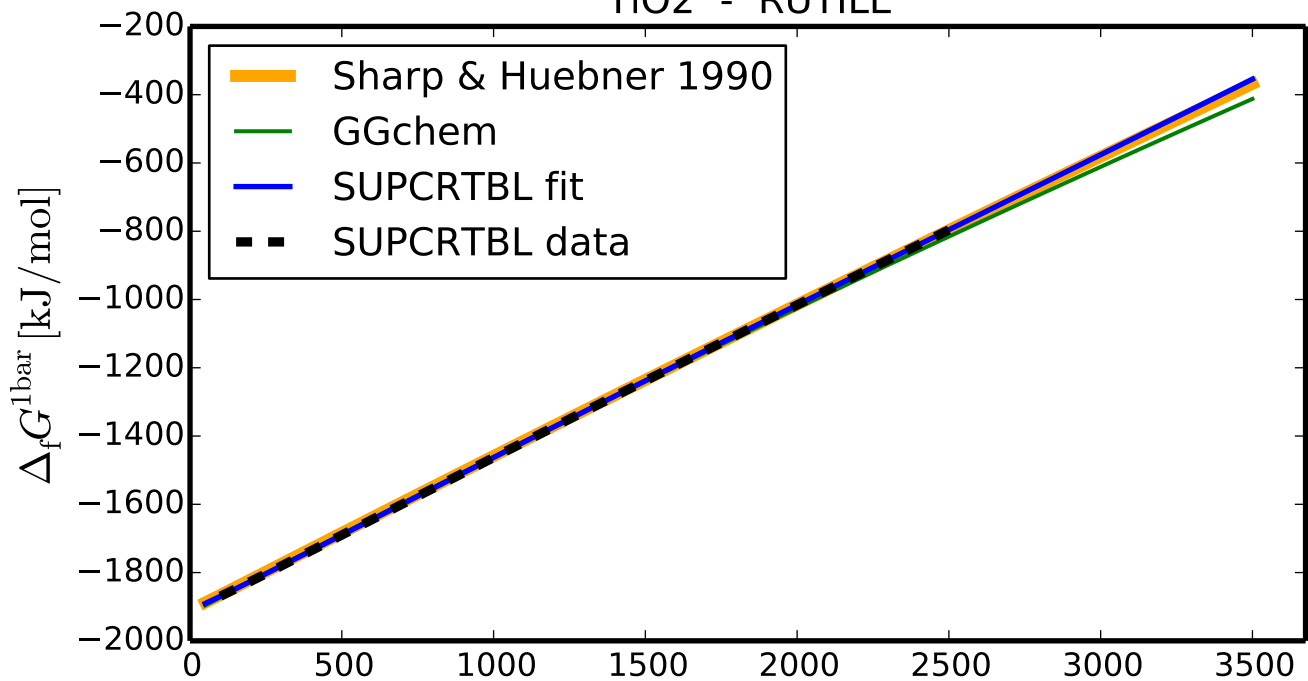
## KMg3AlSi3O10F2 - FLUORPHLOGOPITE



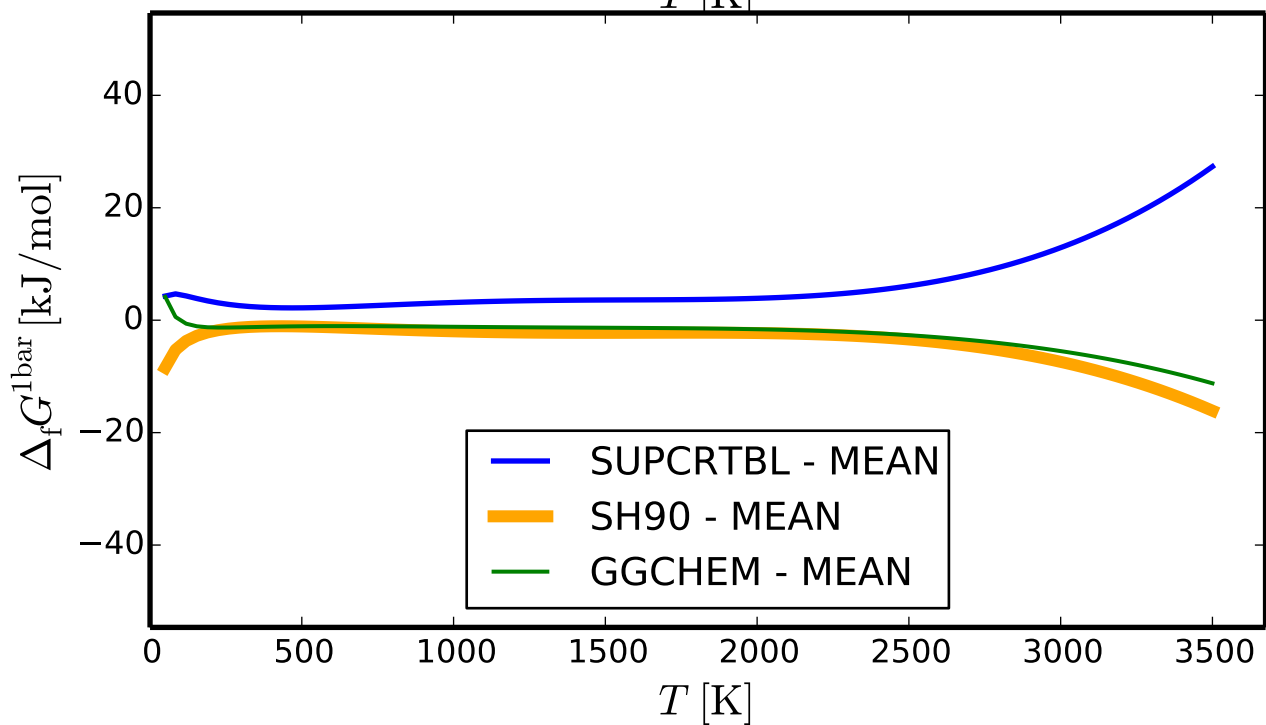
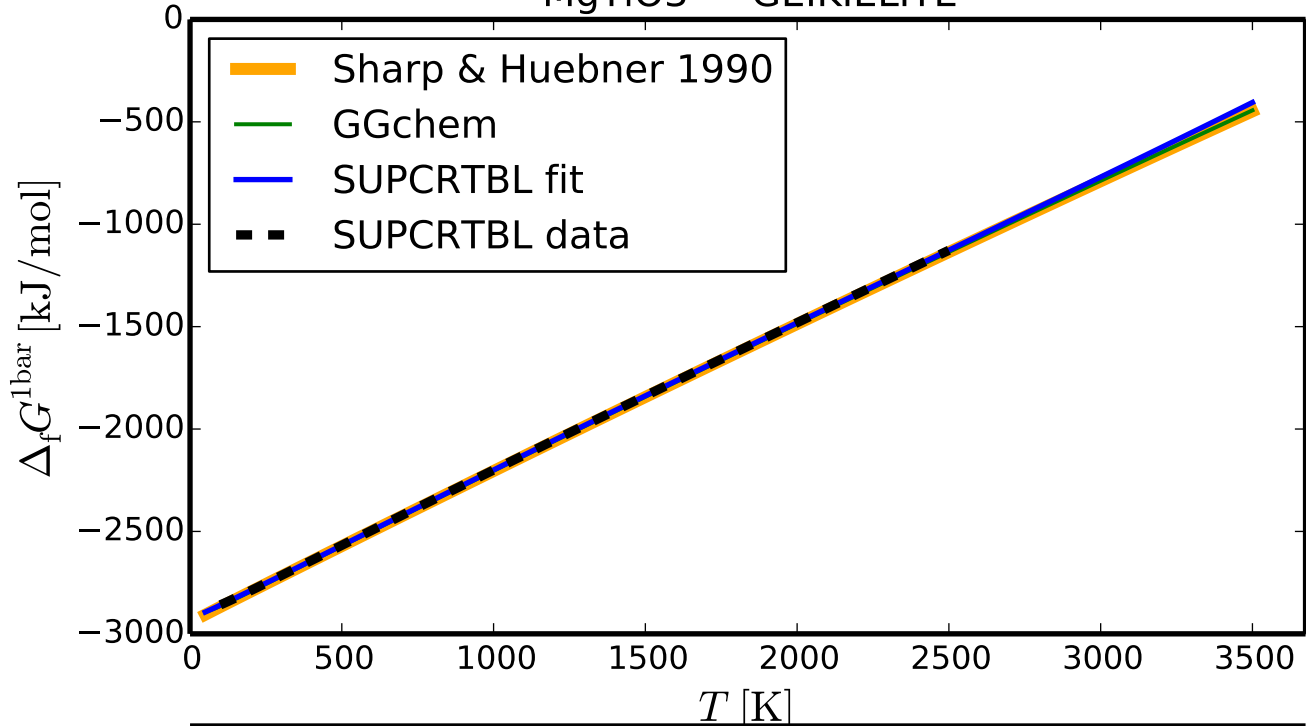
# Mg<sub>3</sub>Al<sub>2</sub>Si<sub>3</sub>O<sub>12</sub> - PYROPE



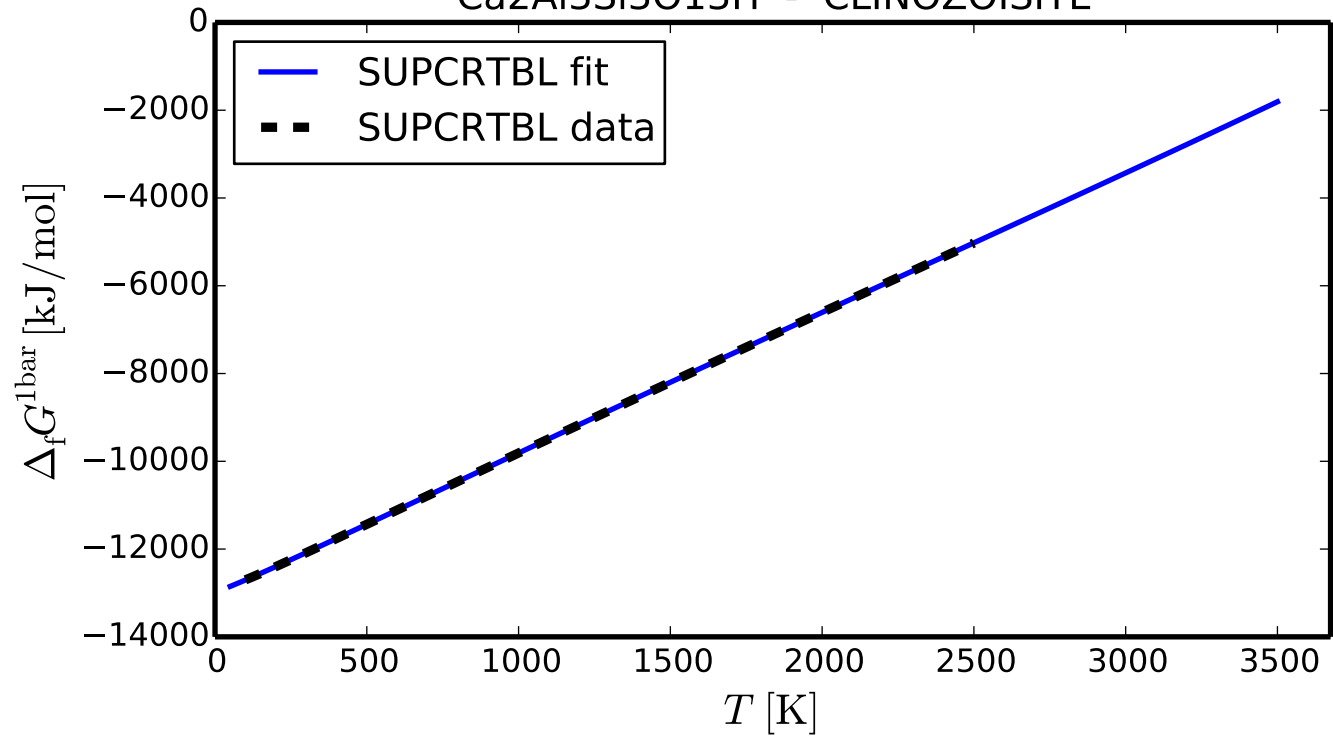
# TiO<sub>2</sub> - RUTILE



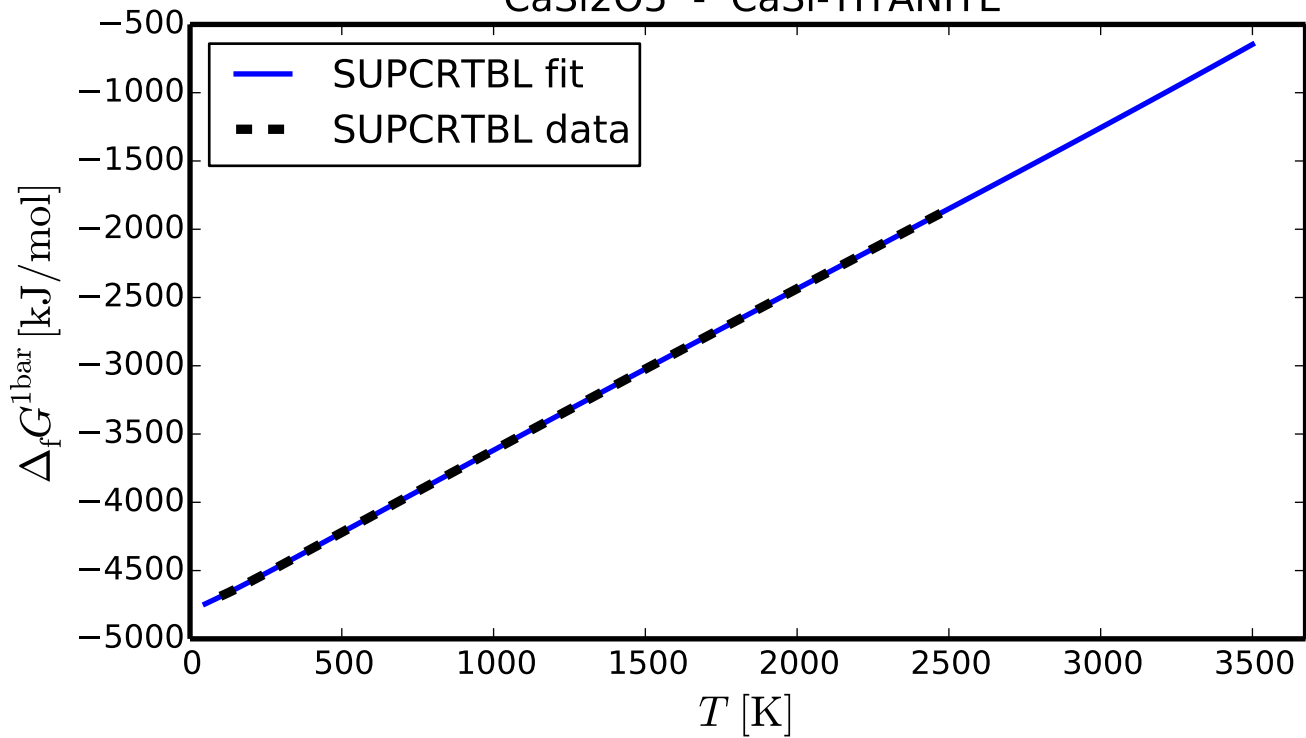
## MgTiO3 - GEIKIELITE

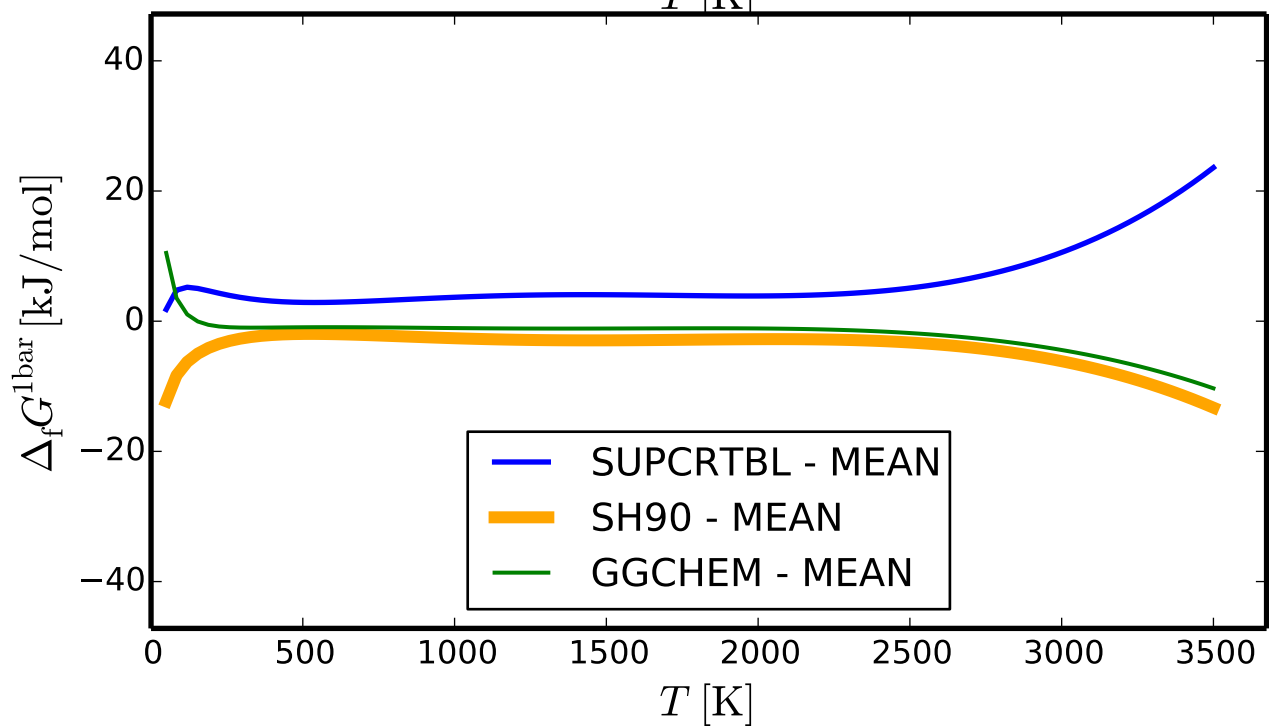
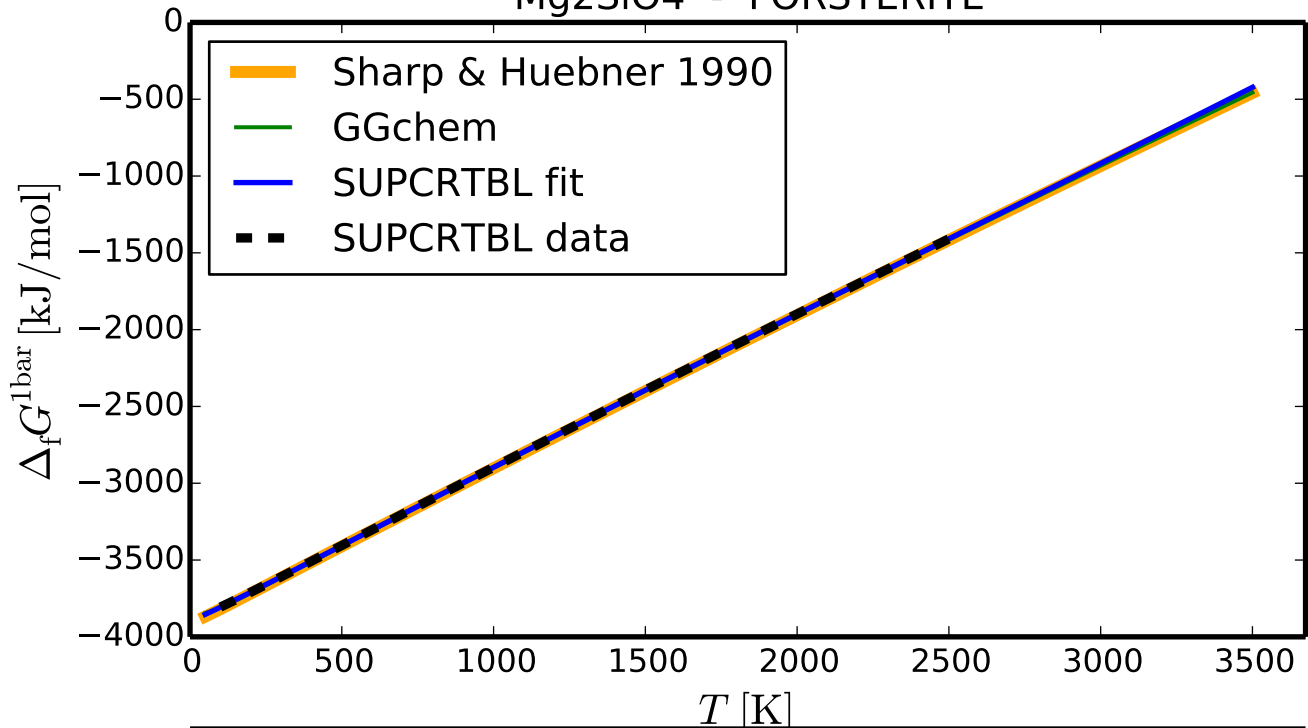


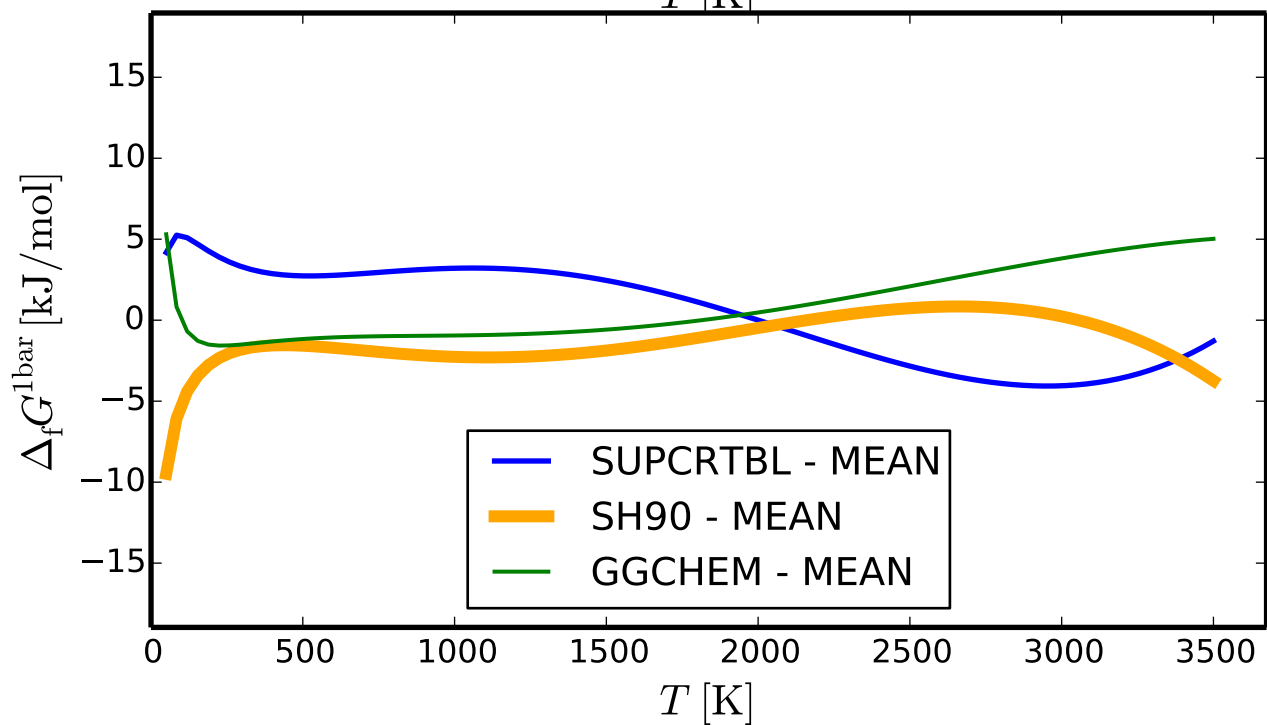
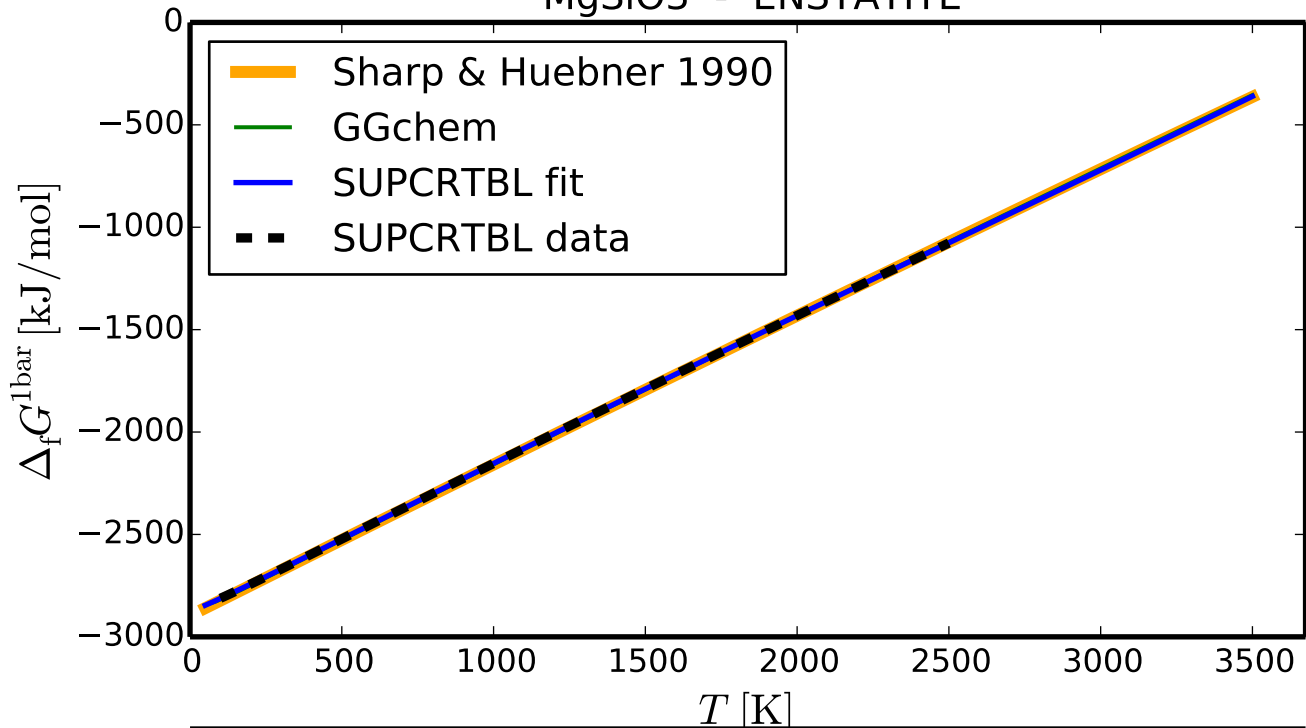


Ca<sub>2</sub>Al<sub>3</sub>Si<sub>3</sub>O<sub>13</sub>H - CLINOZOISITE

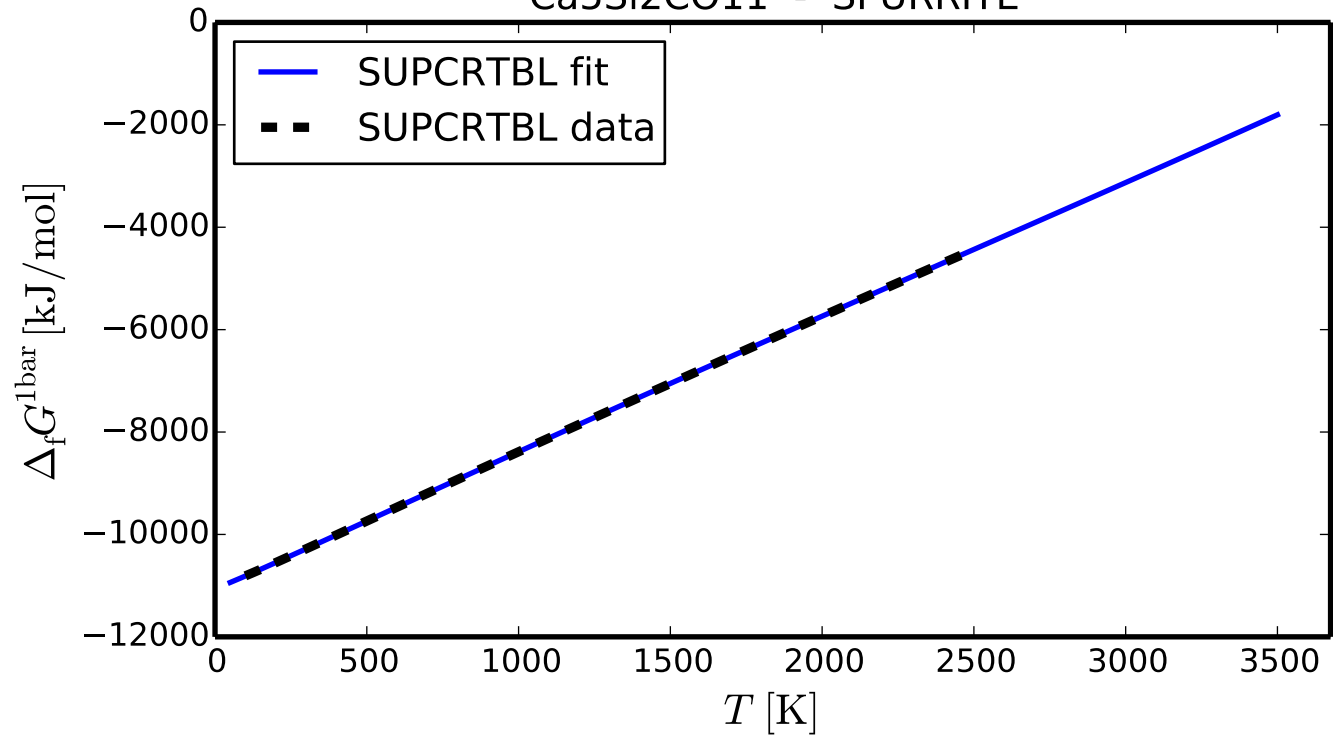
## CaSi2O5 - CaSi-TITANITE



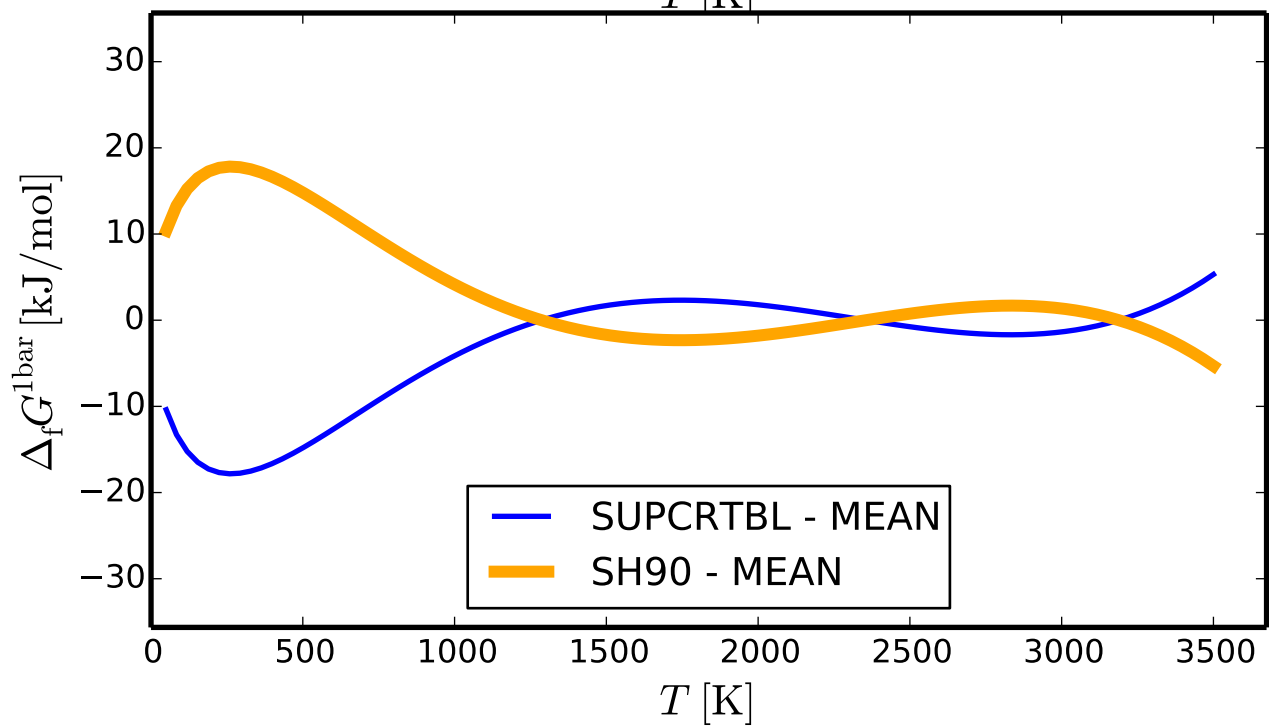
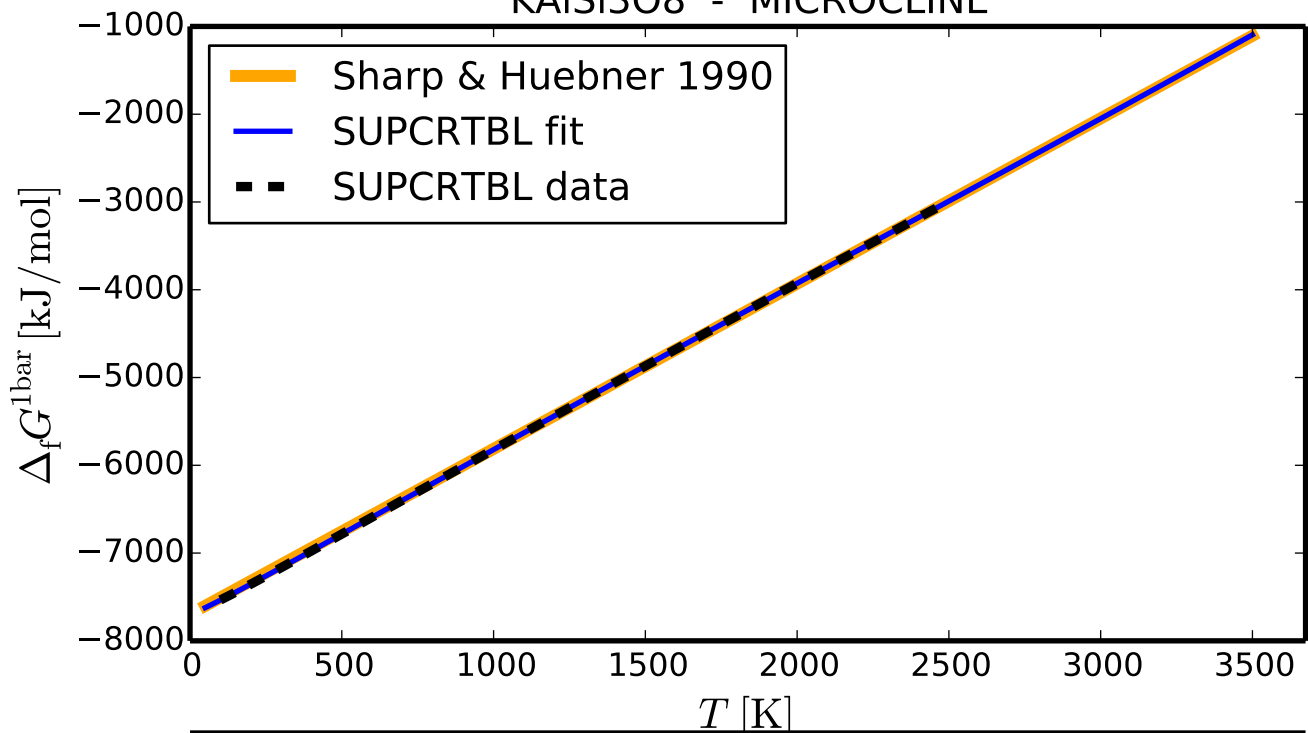
Mg<sub>2</sub>SiO<sub>4</sub> - FORSTERITE

MgSiO<sub>3</sub> - ENSTATITE

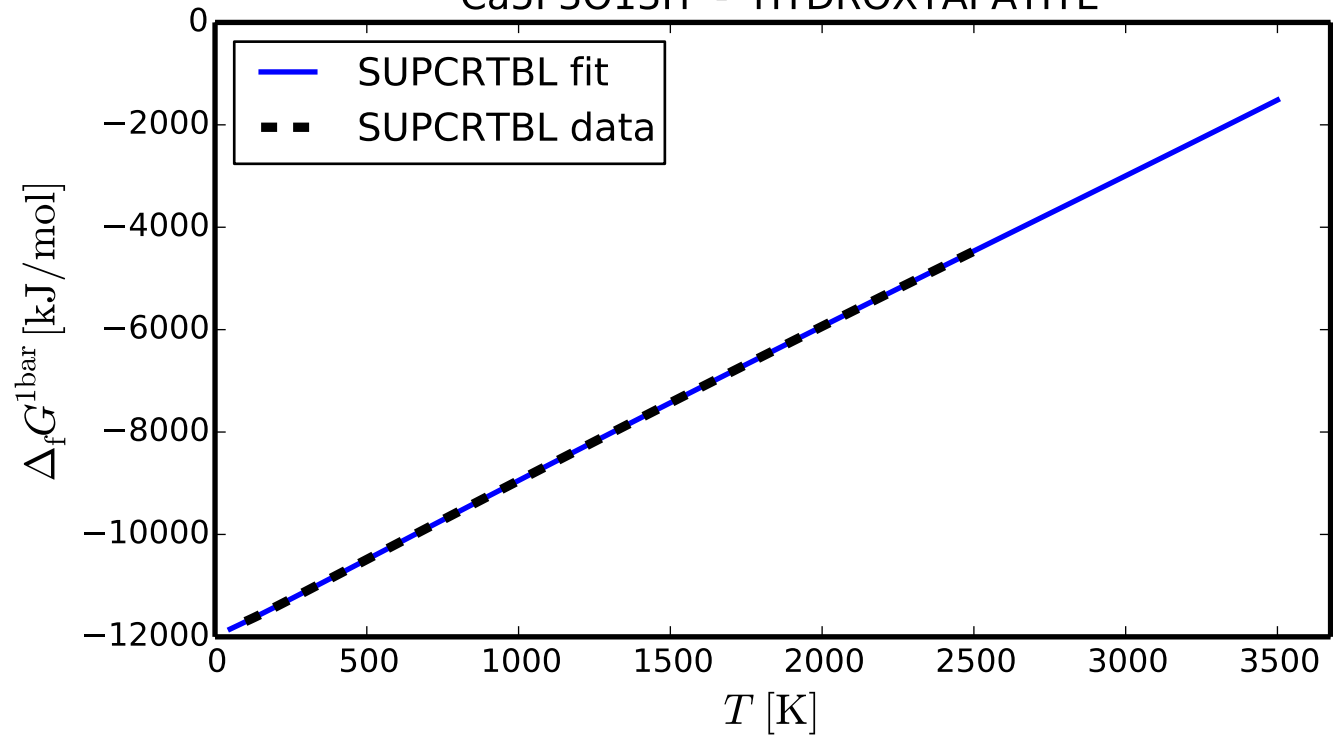
## Ca5Si2CO11 - SPURRITE



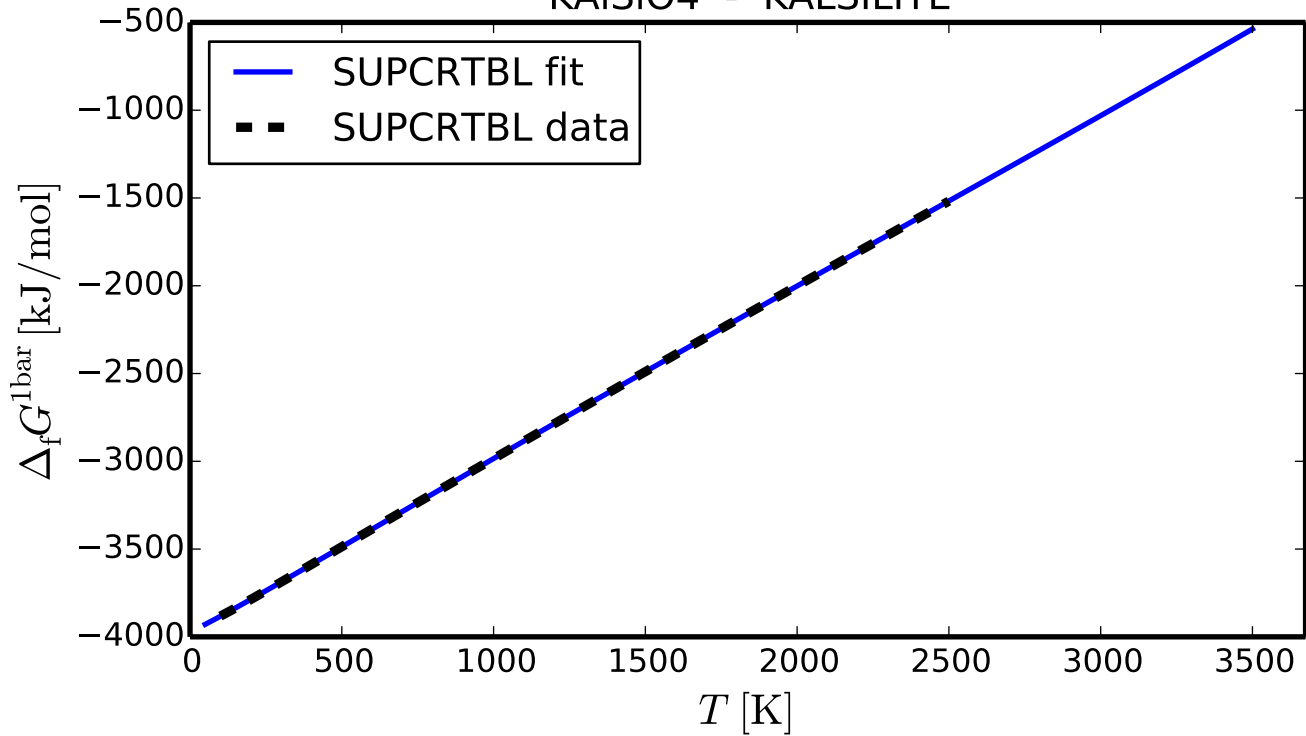
# KAiSi3O8 - MICROCLINE



# Ca5P3O13H - HYDROXYAPATITE

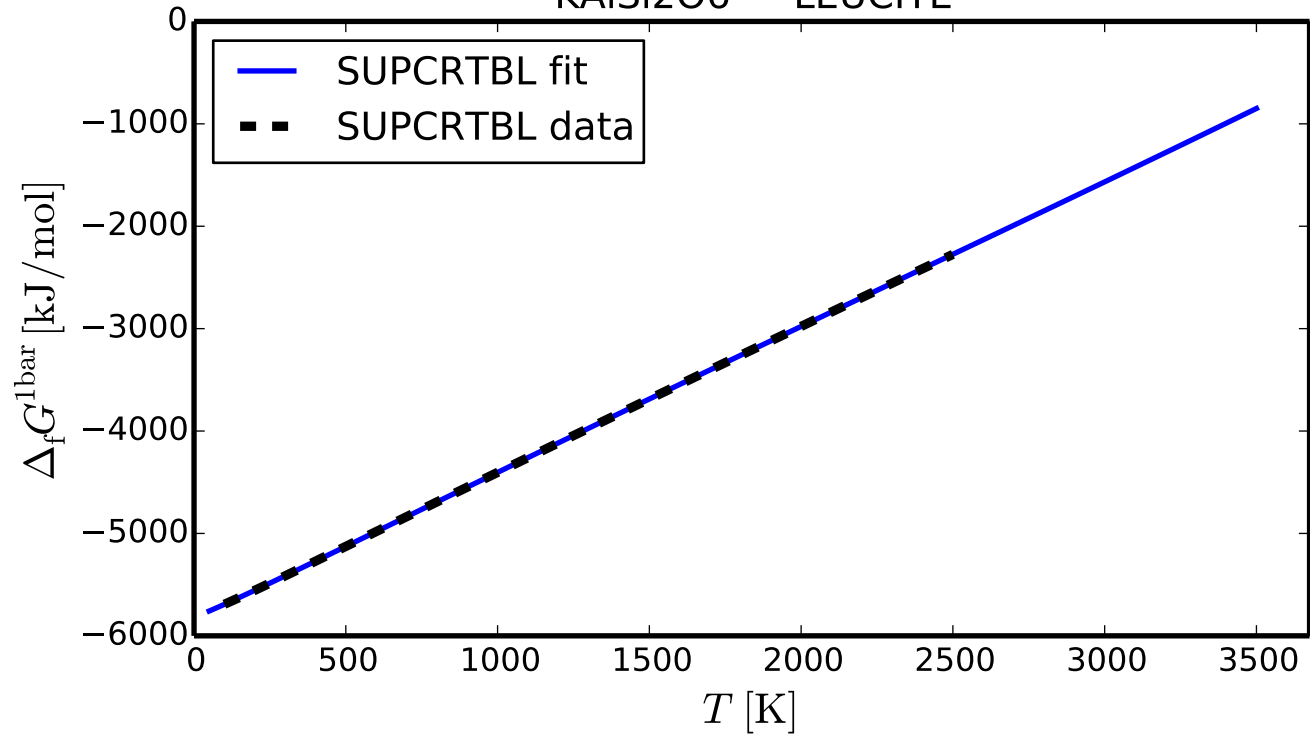


## KAISiO4 - KALSILITE

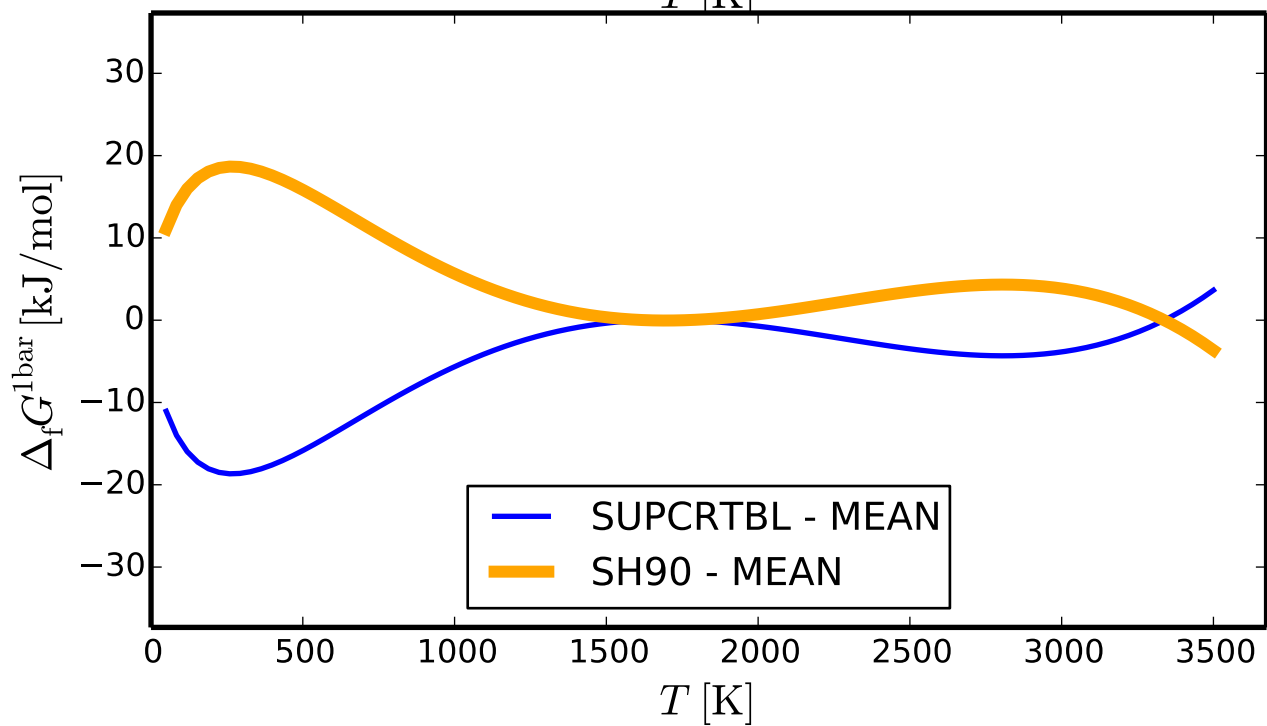
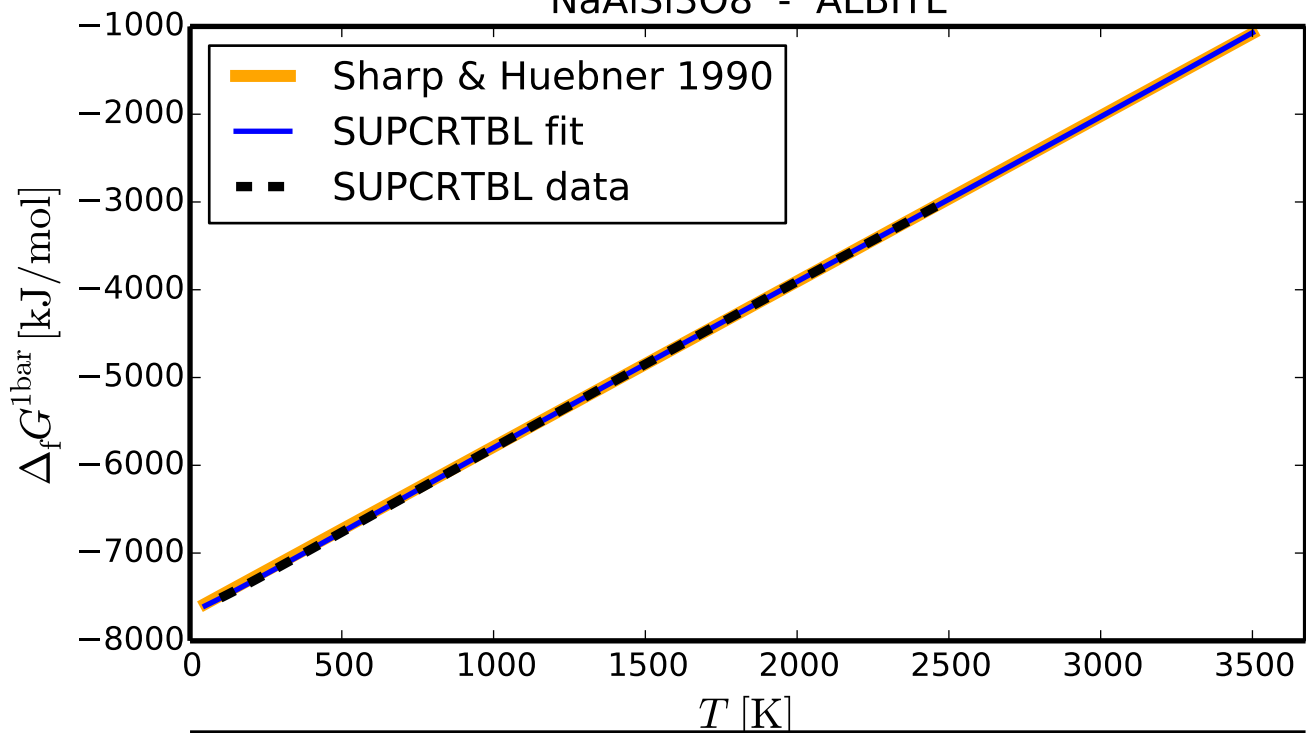


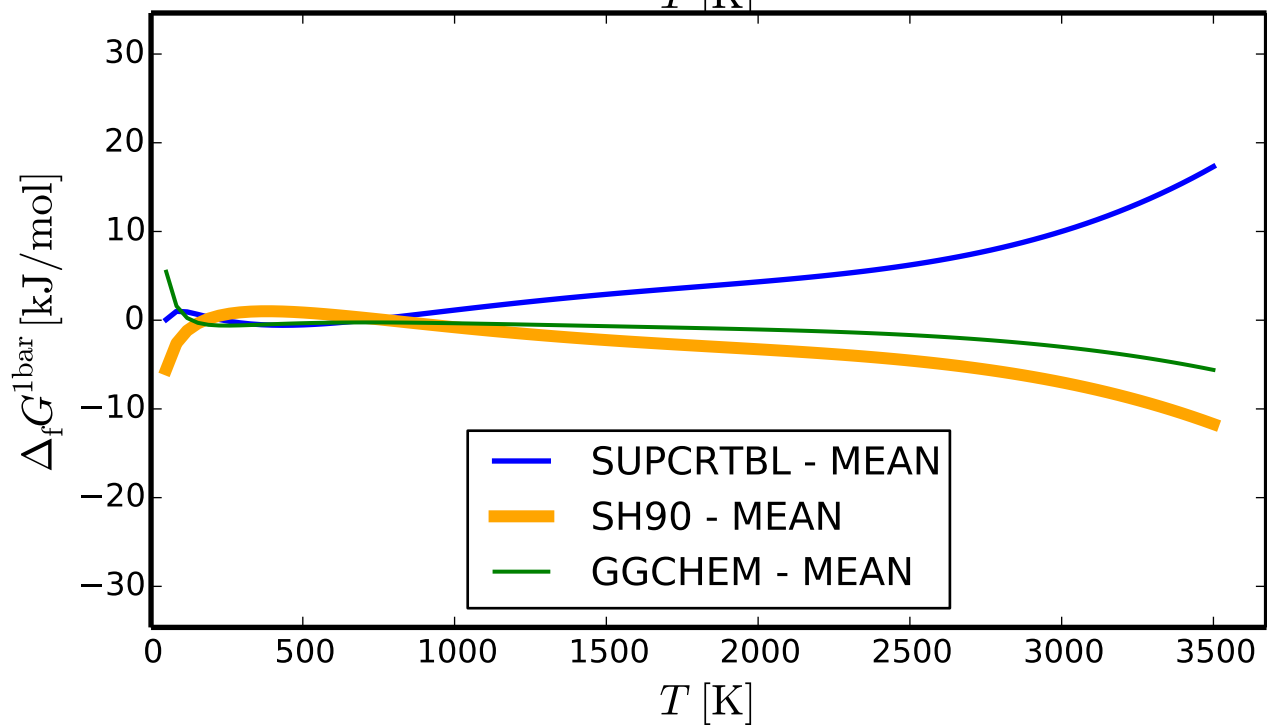
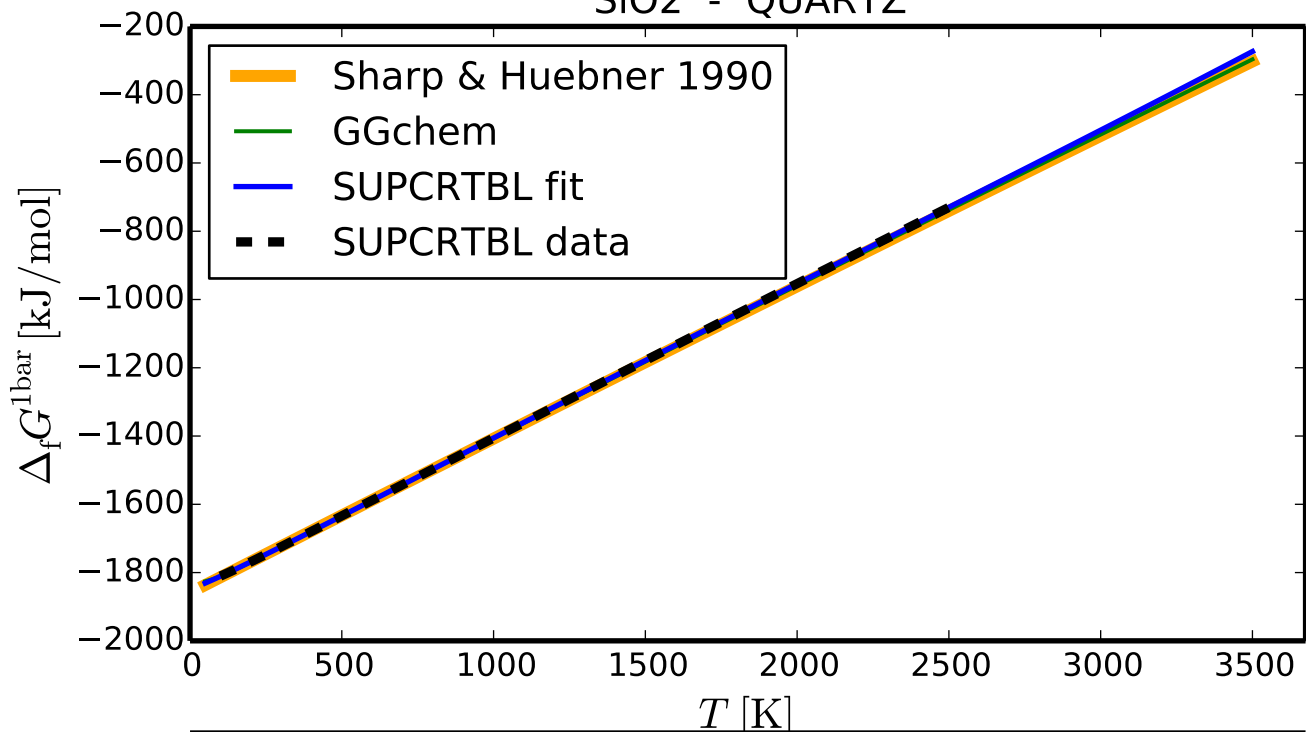


# KAISi2O6 - LEUCITE

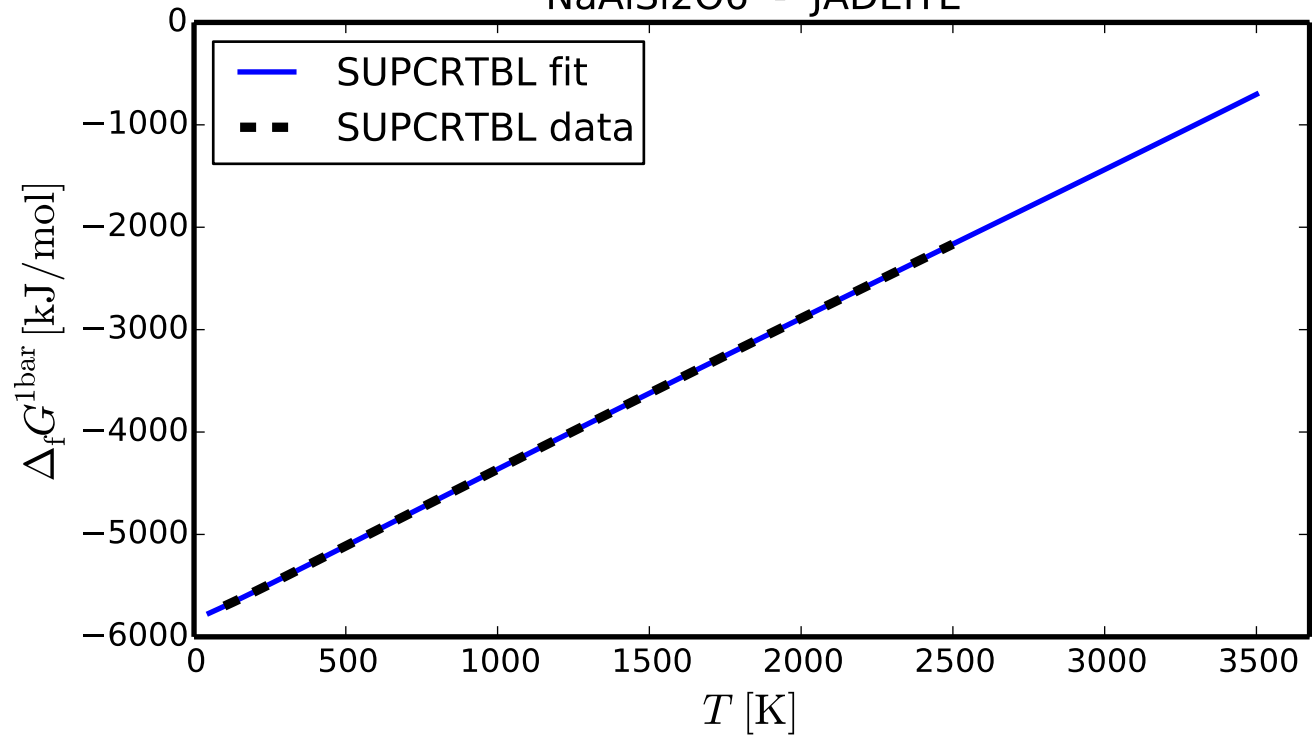


## NaAlSi3O8 - ALBITE

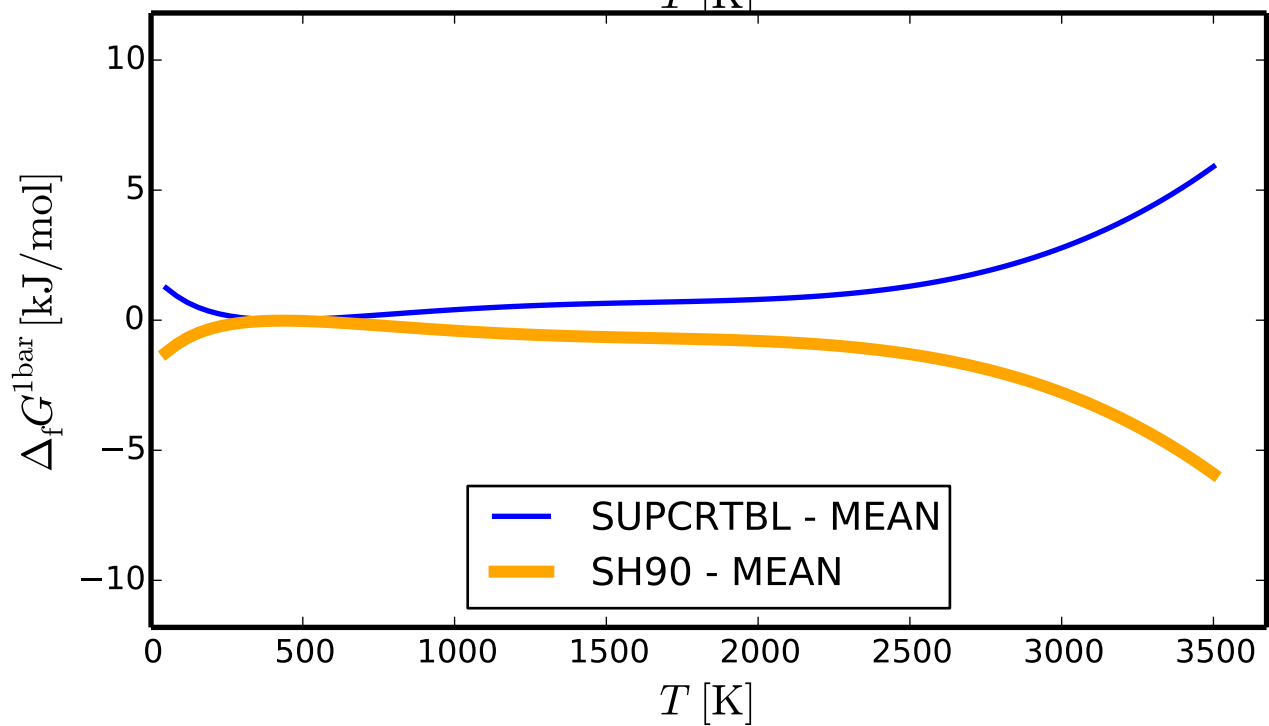
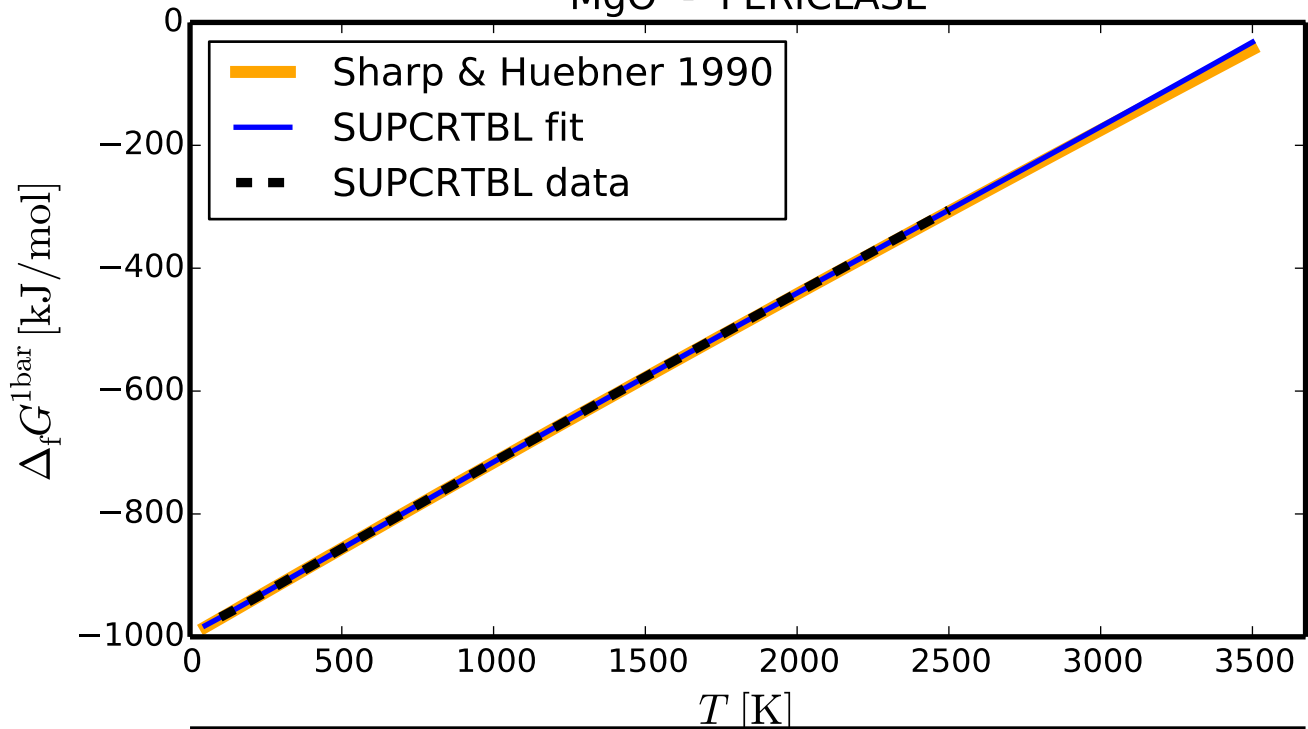


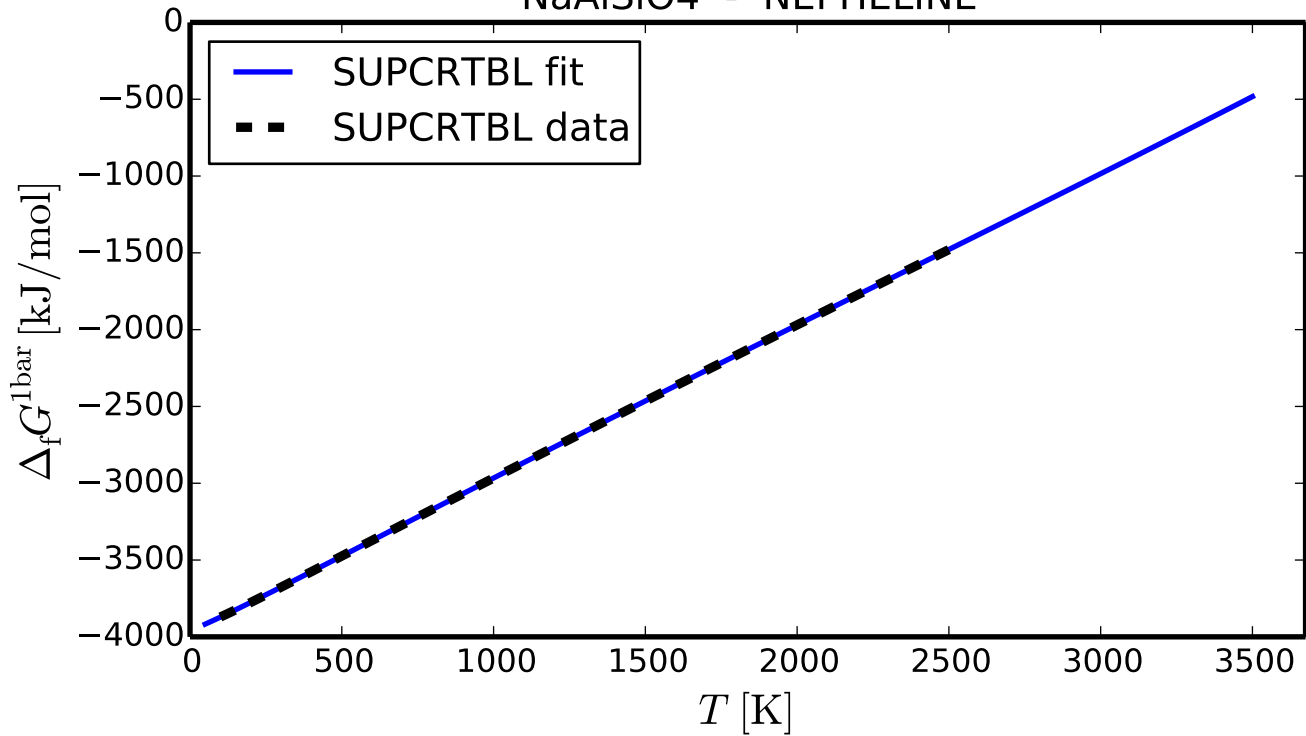
SiO<sub>2</sub> - QUARTZ

## NaAlSi2O6 - JADEITE

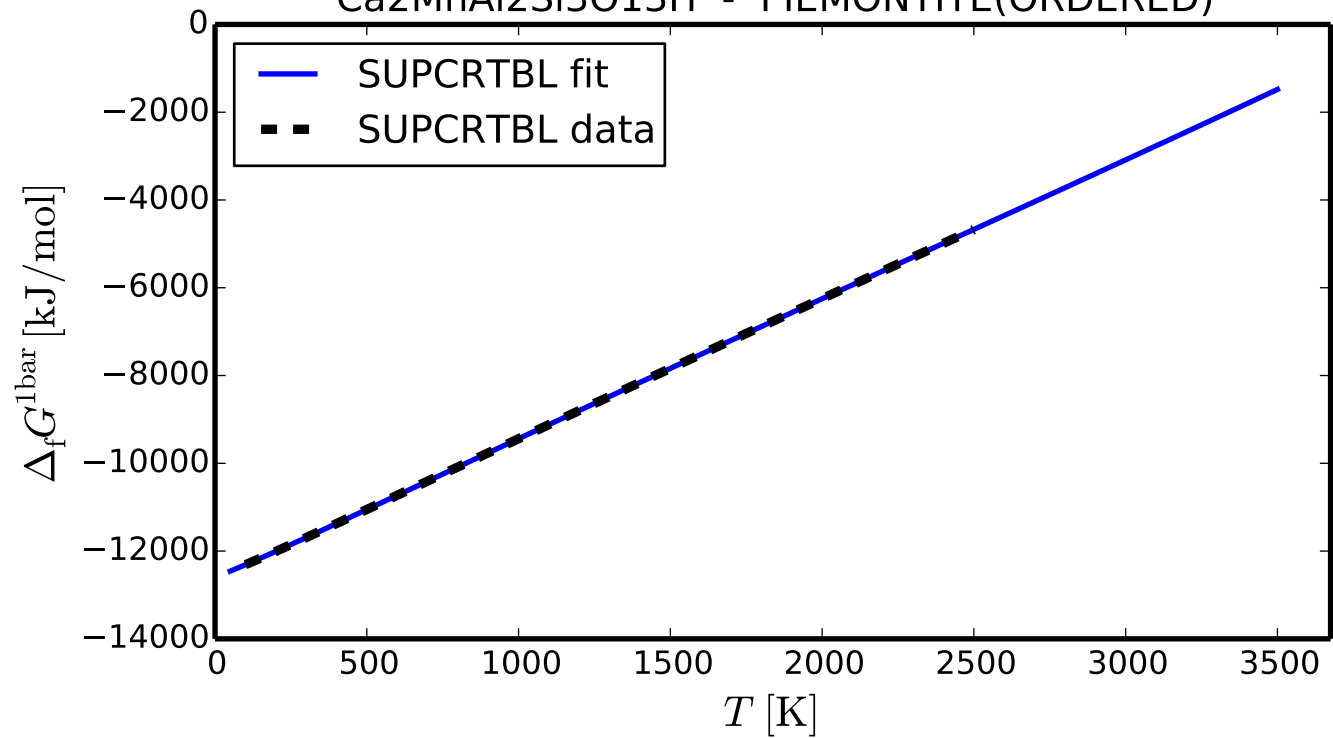


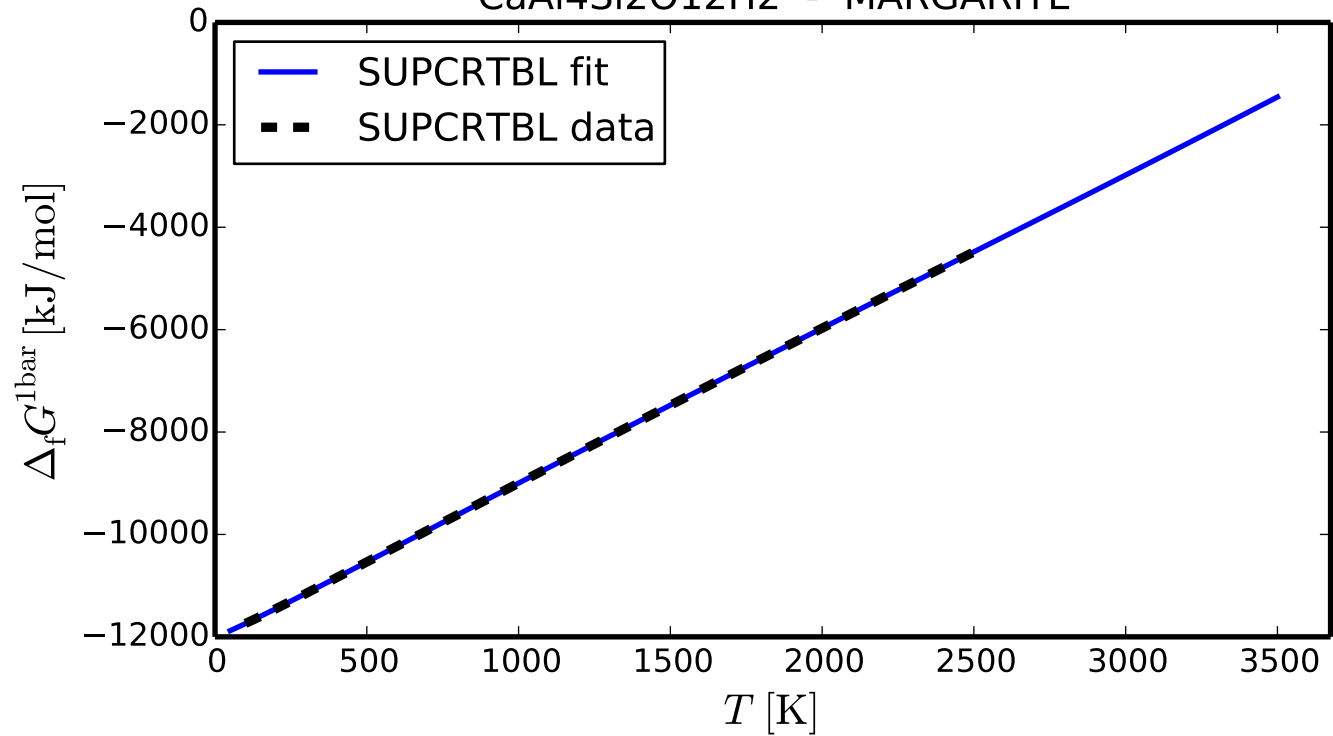
## MgO - PERICLASE



NaAlSiO<sub>4</sub> - NEPHELINE

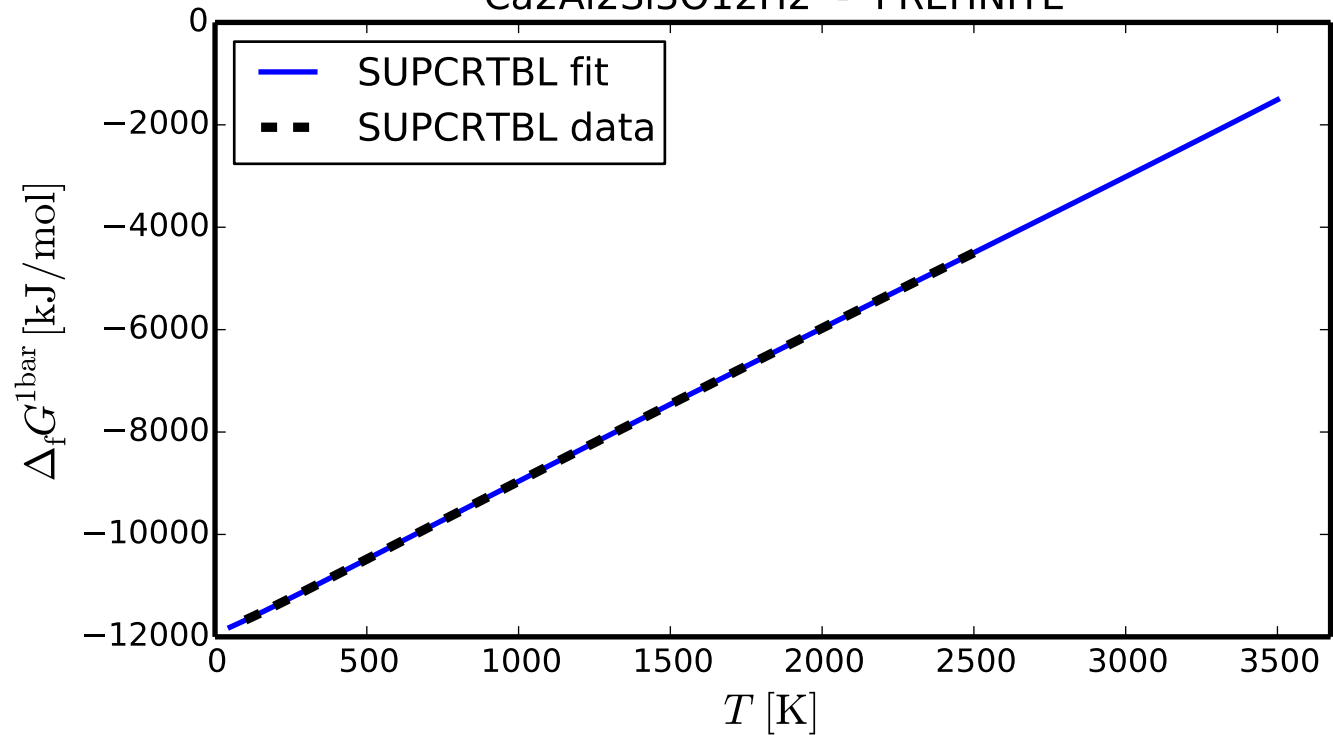
## Ca2MnAl2Si3O13H - PIEMONTITE(ORDERED)

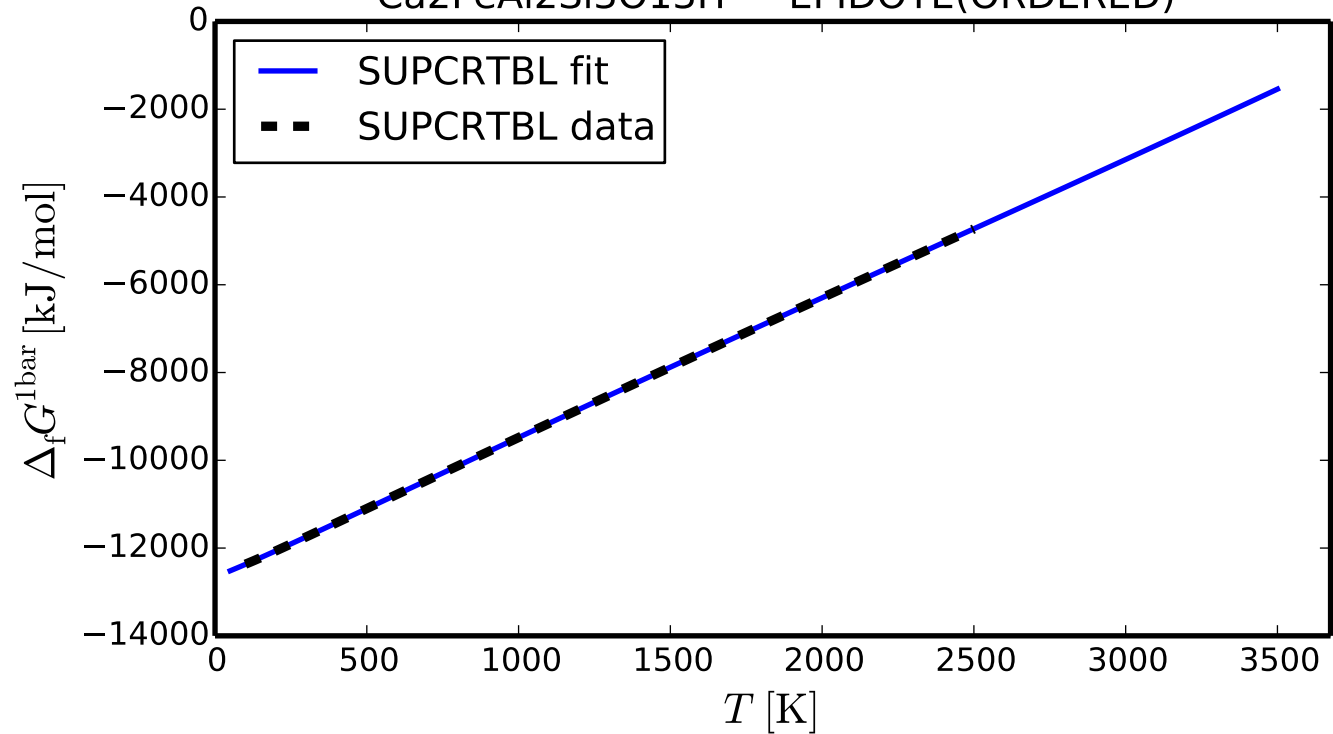


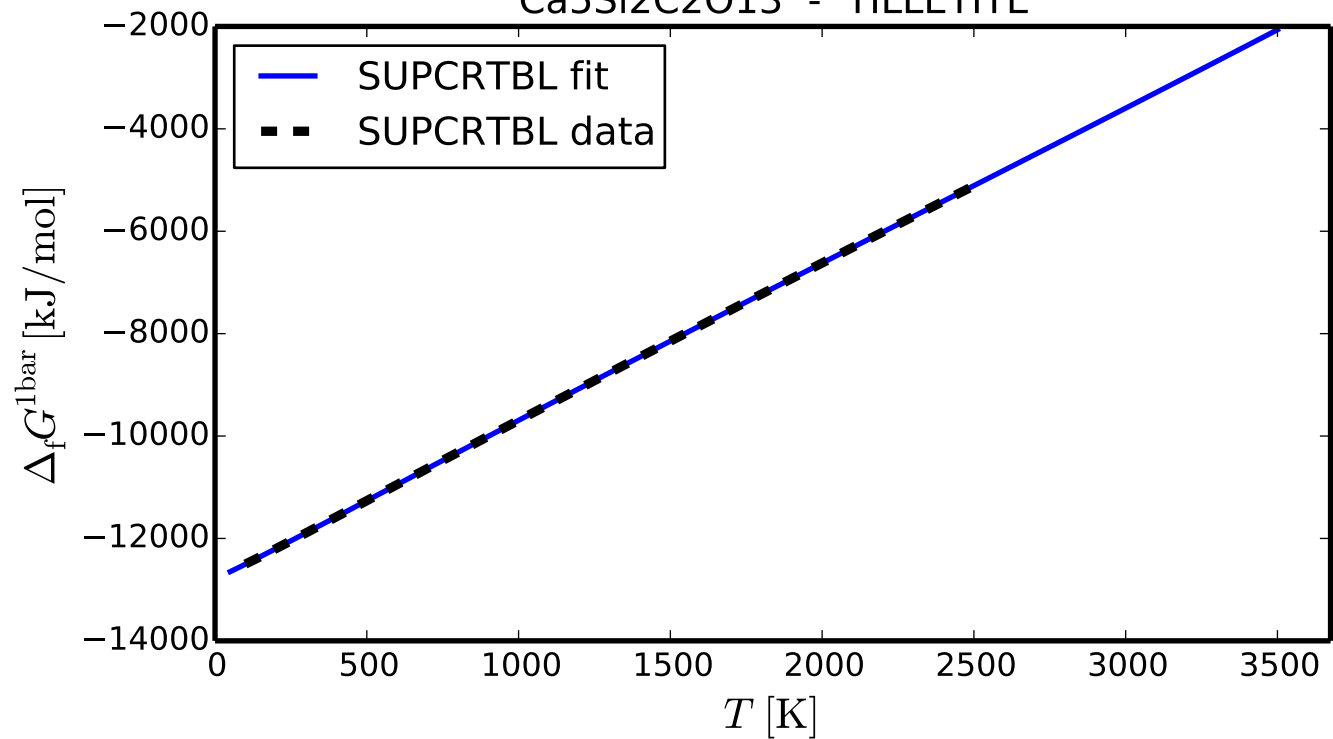
CaAl<sub>4</sub>Si<sub>2</sub>O<sub>12</sub>H<sub>2</sub> - MARGARITE



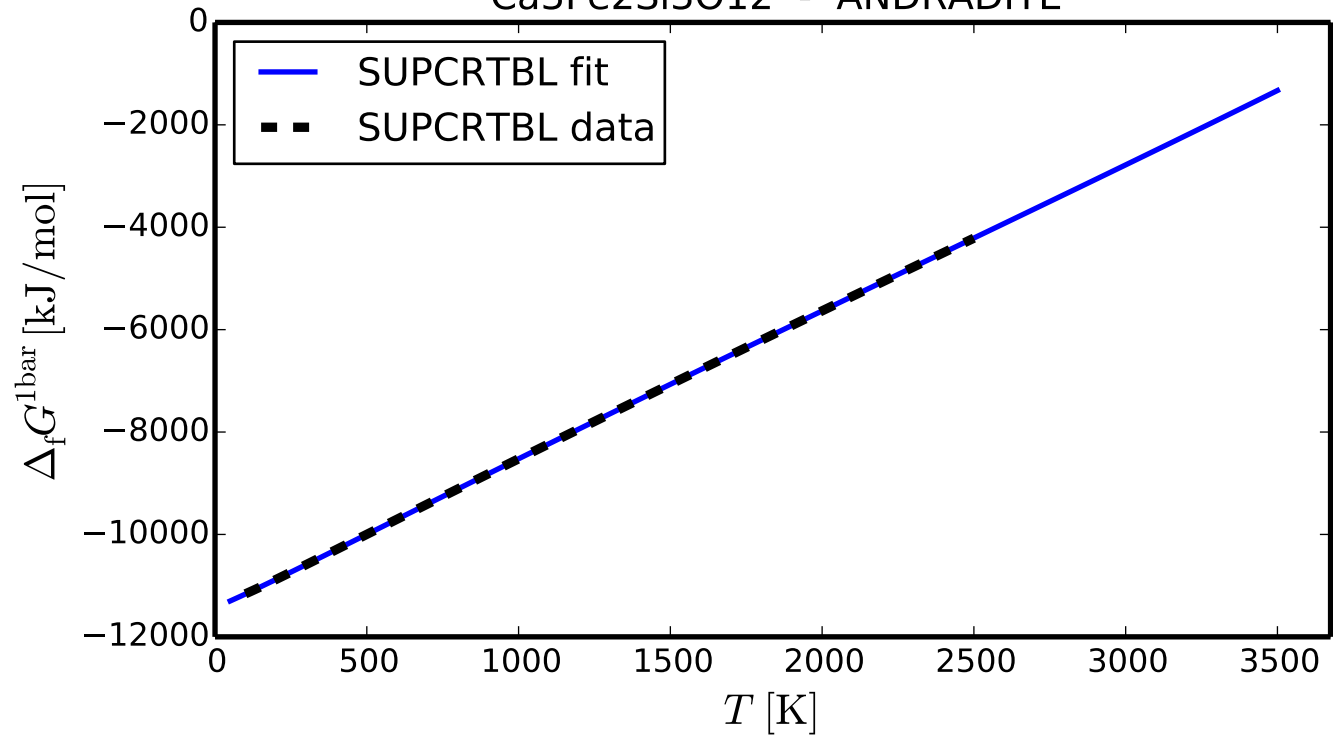
# Ca<sub>2</sub>Al<sub>2</sub>Si<sub>3</sub>O<sub>12</sub>H<sub>2</sub> - PREHNITE



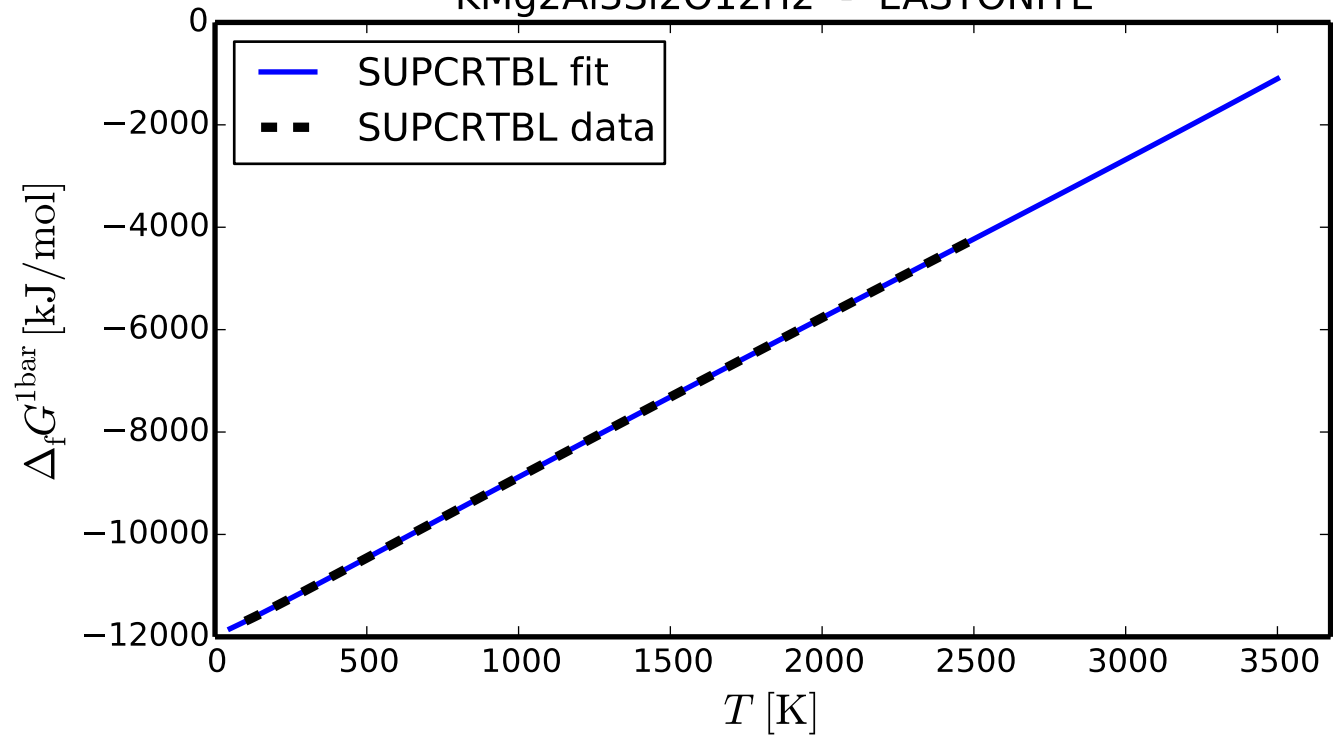
Ca<sub>2</sub>FeAl<sub>2</sub>Si<sub>3</sub>O<sub>13</sub>H - EPIDOTE(ORDERED)

Ca<sub>5</sub>Si<sub>2</sub>C<sub>2</sub>O<sub>13</sub> - TILLEYITE

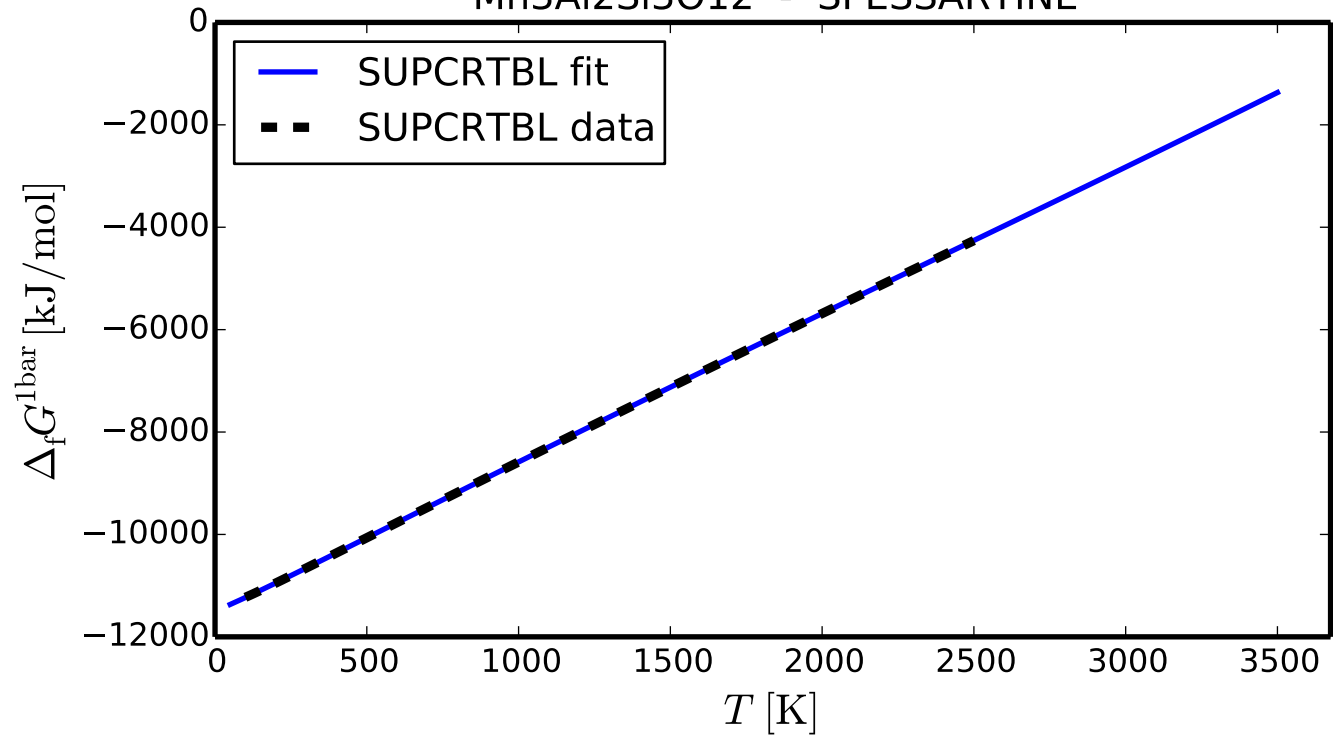
## Ca3Fe2Si3O12 - ANDRADITE



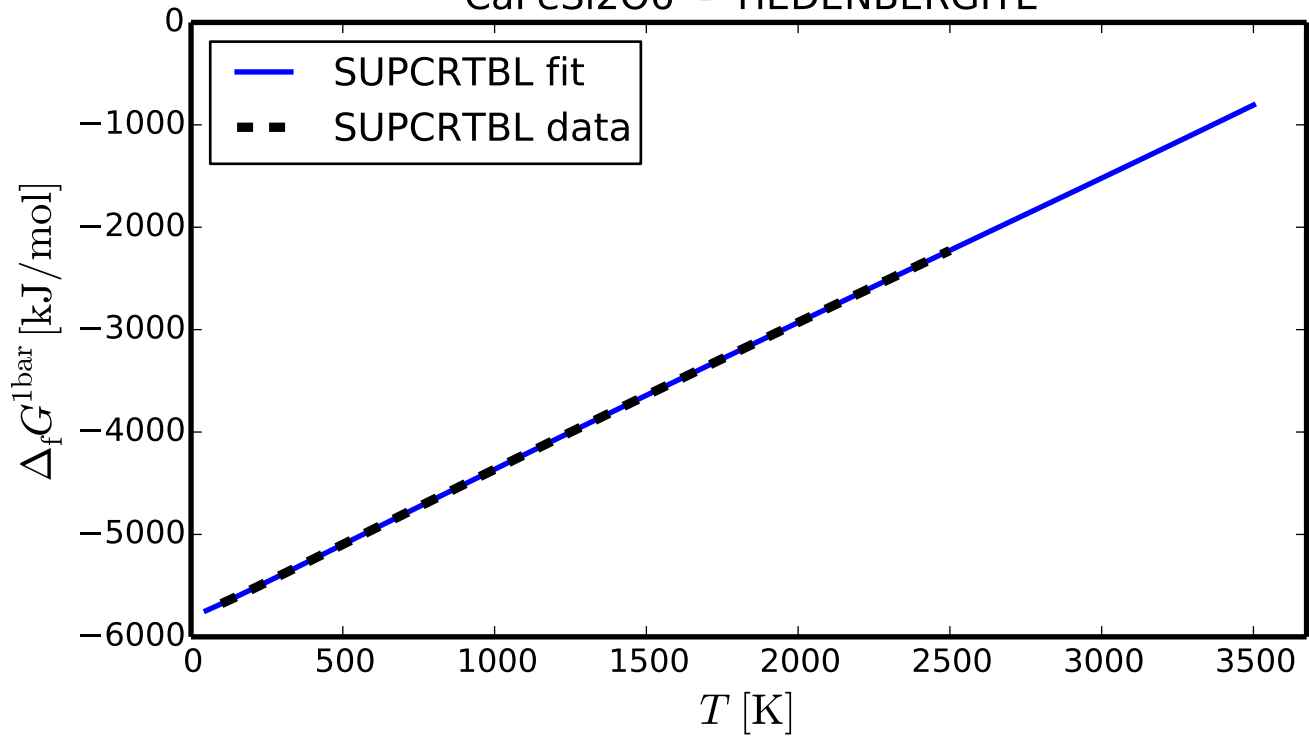
## KMg2Al3Si2O12H2 - EASTONITE



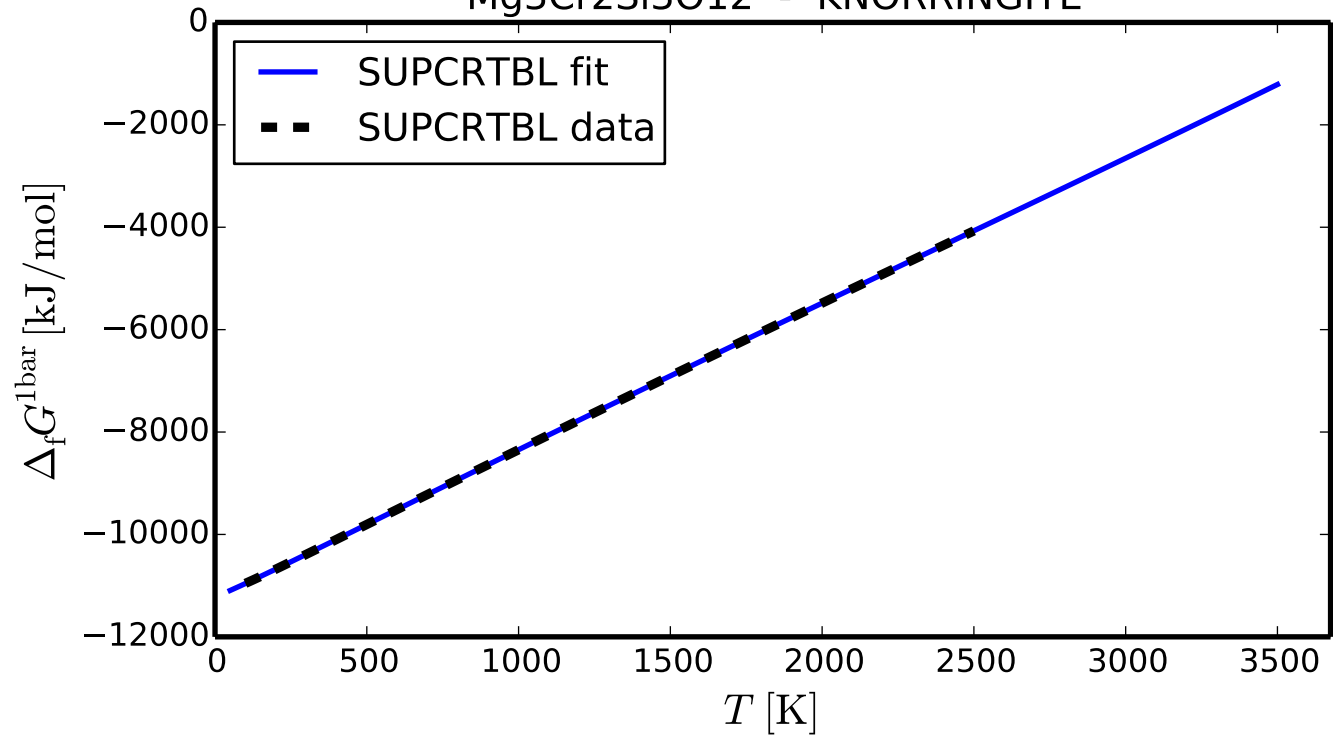
# Mn<sub>3</sub>Al<sub>2</sub>Si<sub>3</sub>O<sub>12</sub> - SPESSARTINE



# CaFeSi2O6 - HEDENBERGITE

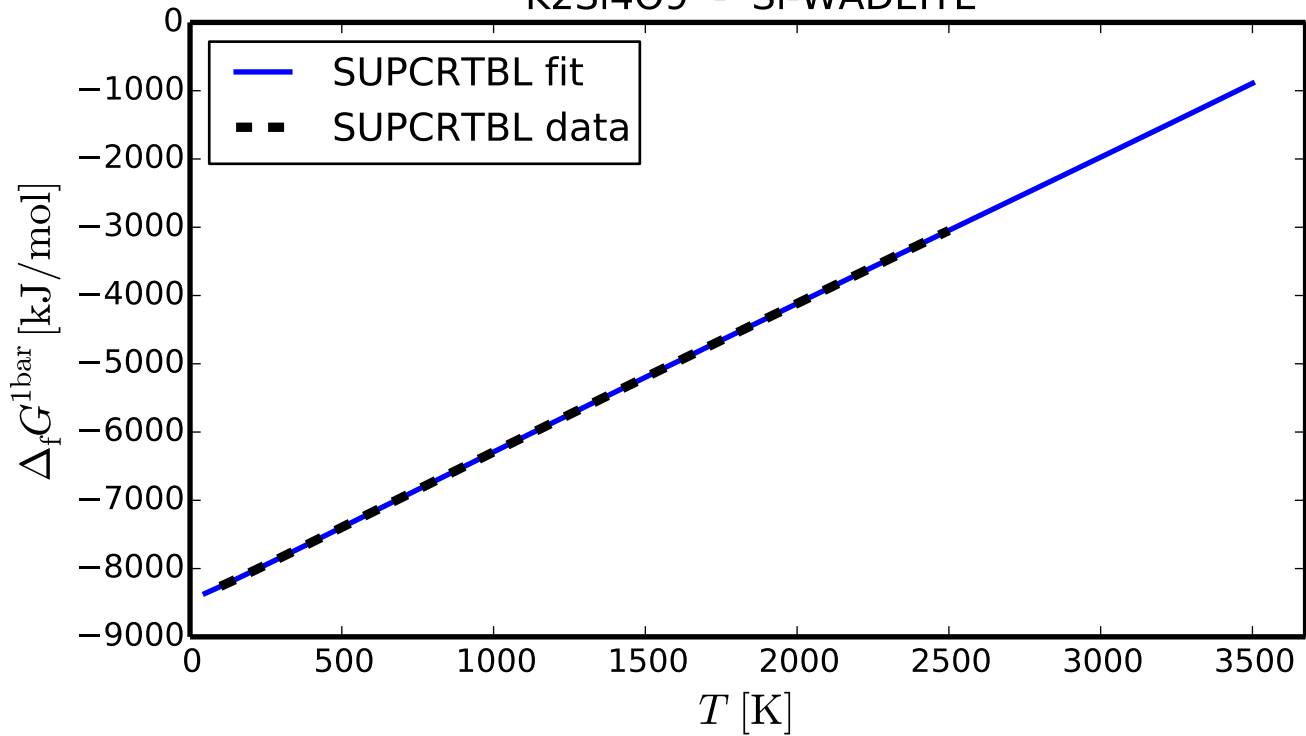


## Mg3Cr2Si3O12 - KNORRINGITE

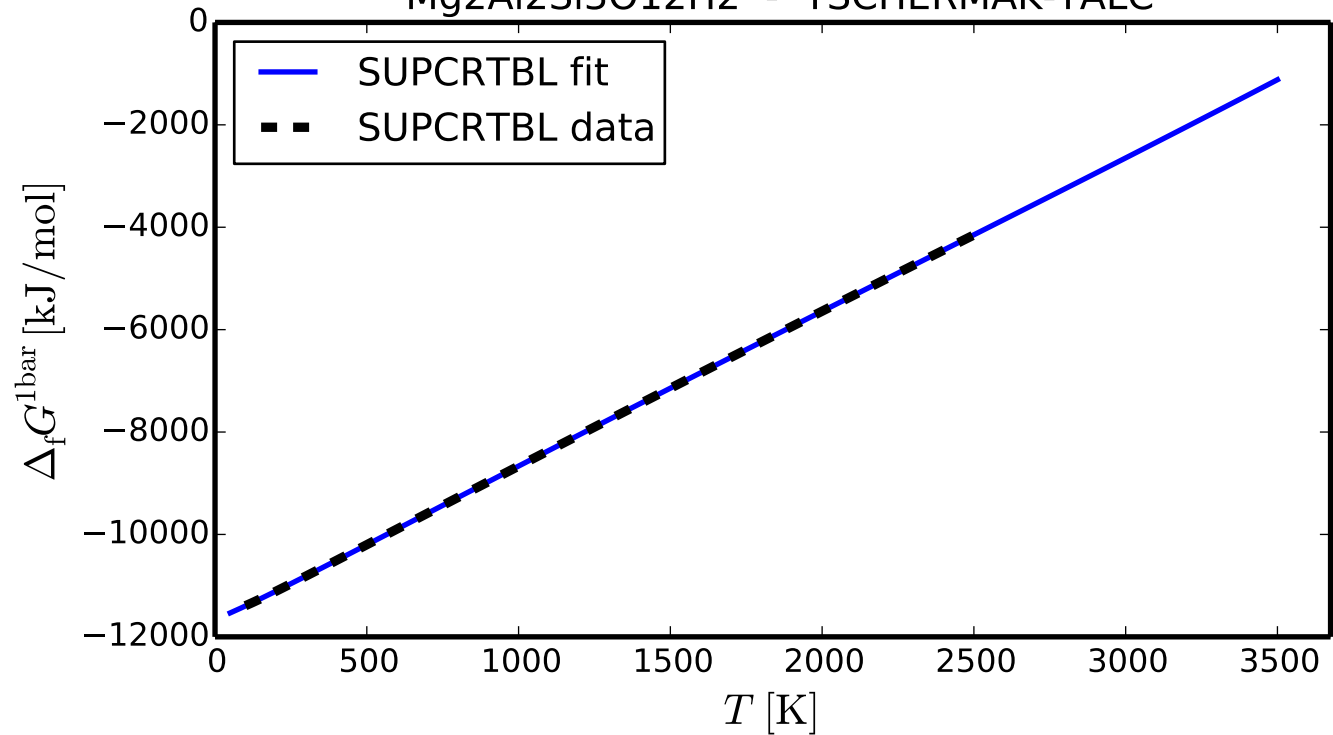




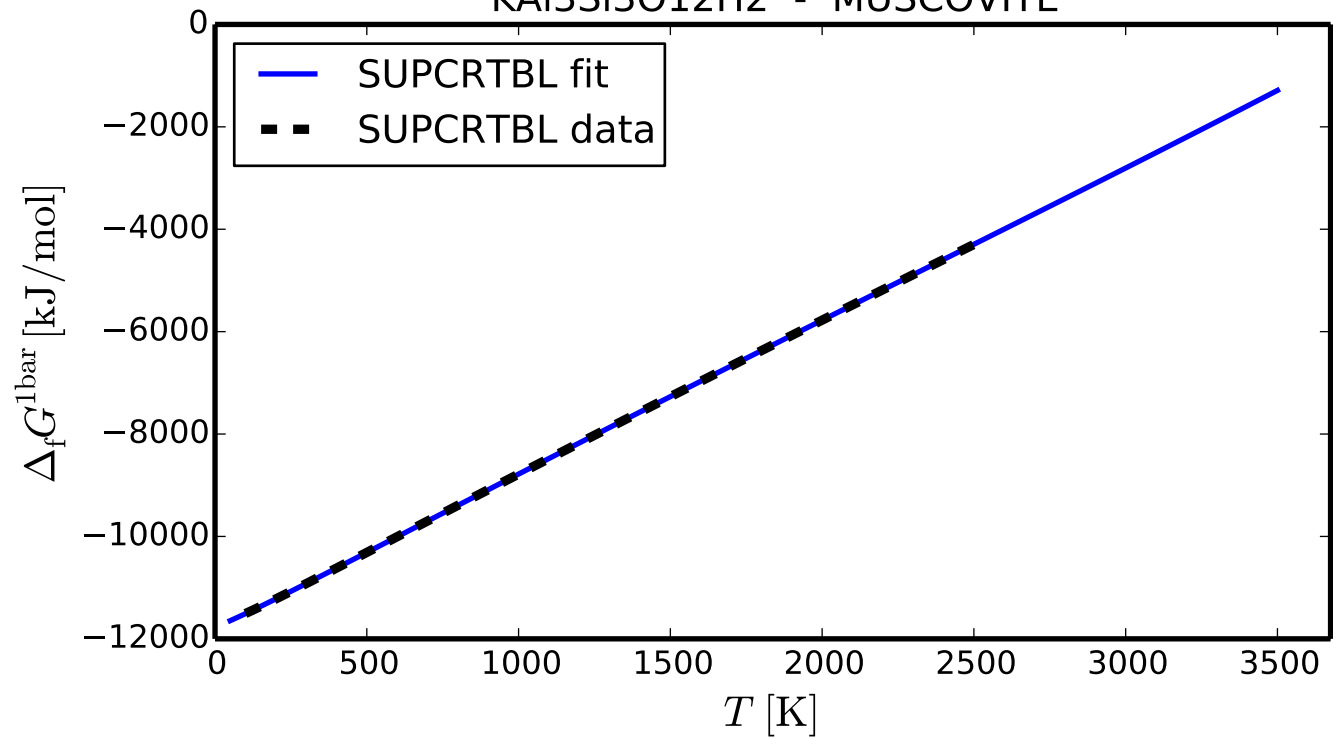
## K2Si4O9 - Si-WADEITE



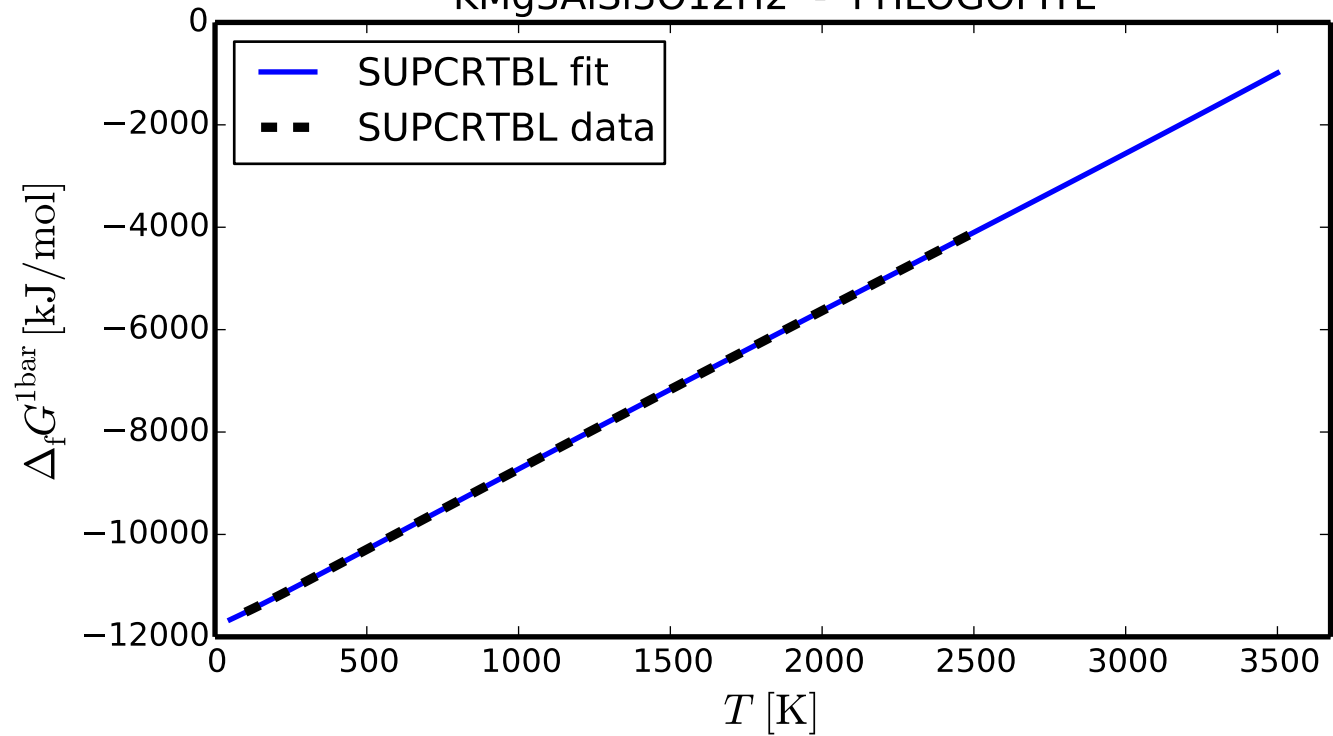
# Mg<sub>2</sub>Al<sub>2</sub>Si<sub>3</sub>O<sub>12</sub>H<sub>2</sub> - TSCHERMAK-TALC



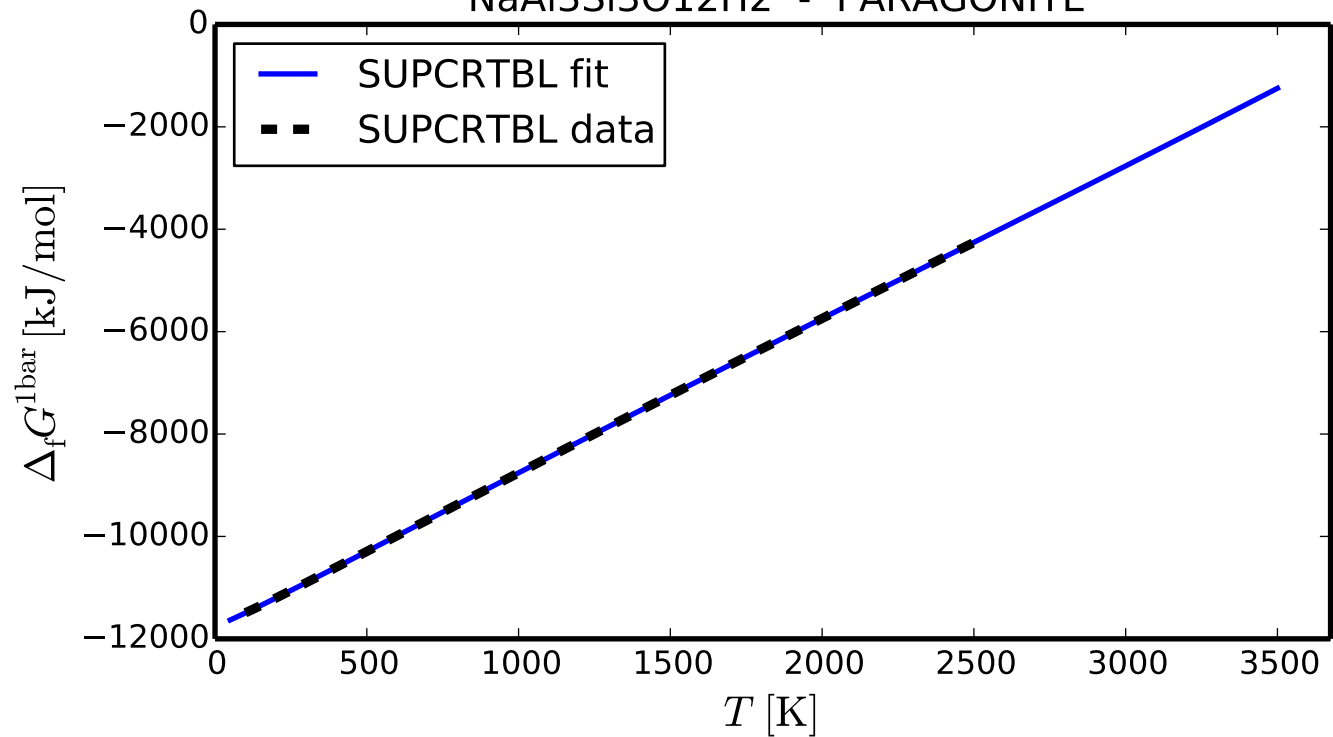
# KAl3Si3O12H2 - MUSCOVITE



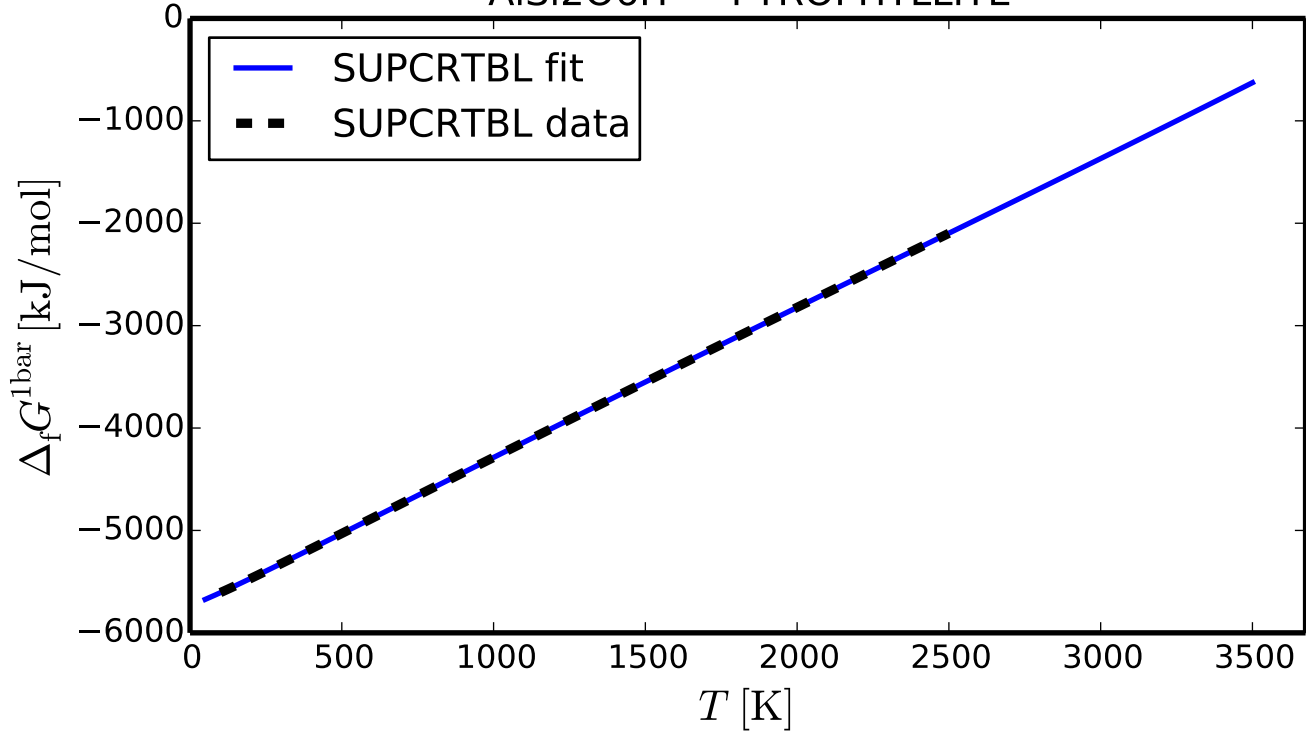
## KMg3AlSi3O12H2 - PHLOGOPITE



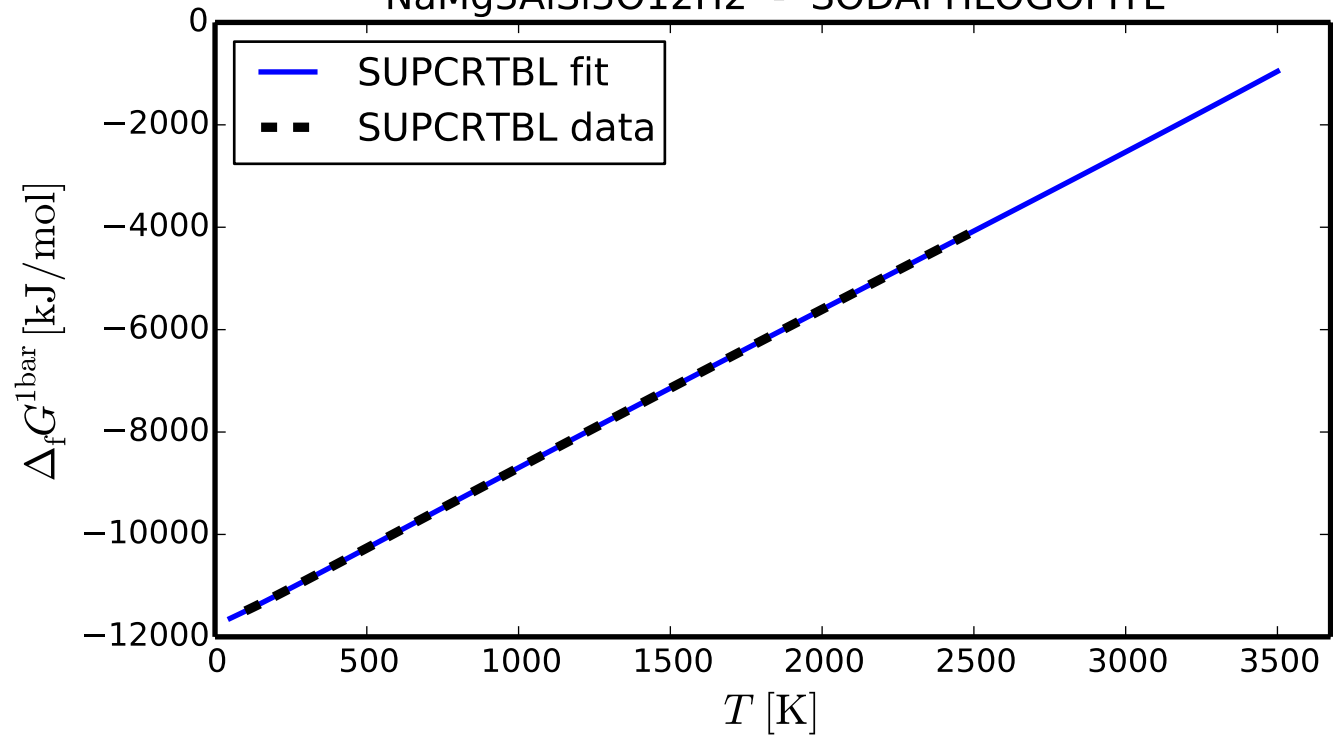
# NaAl3Si3O12H2 - PARAGONITE

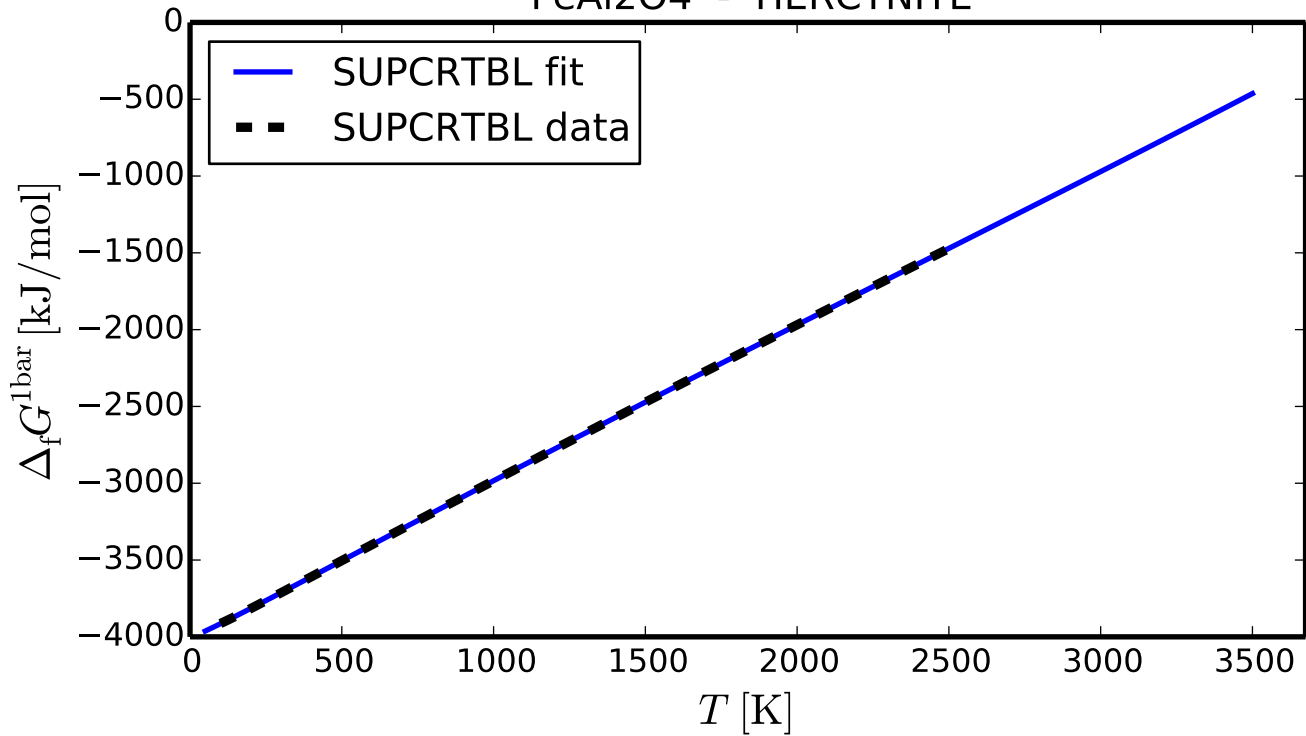


## AlSi2O6H - PYROPHYLLITE



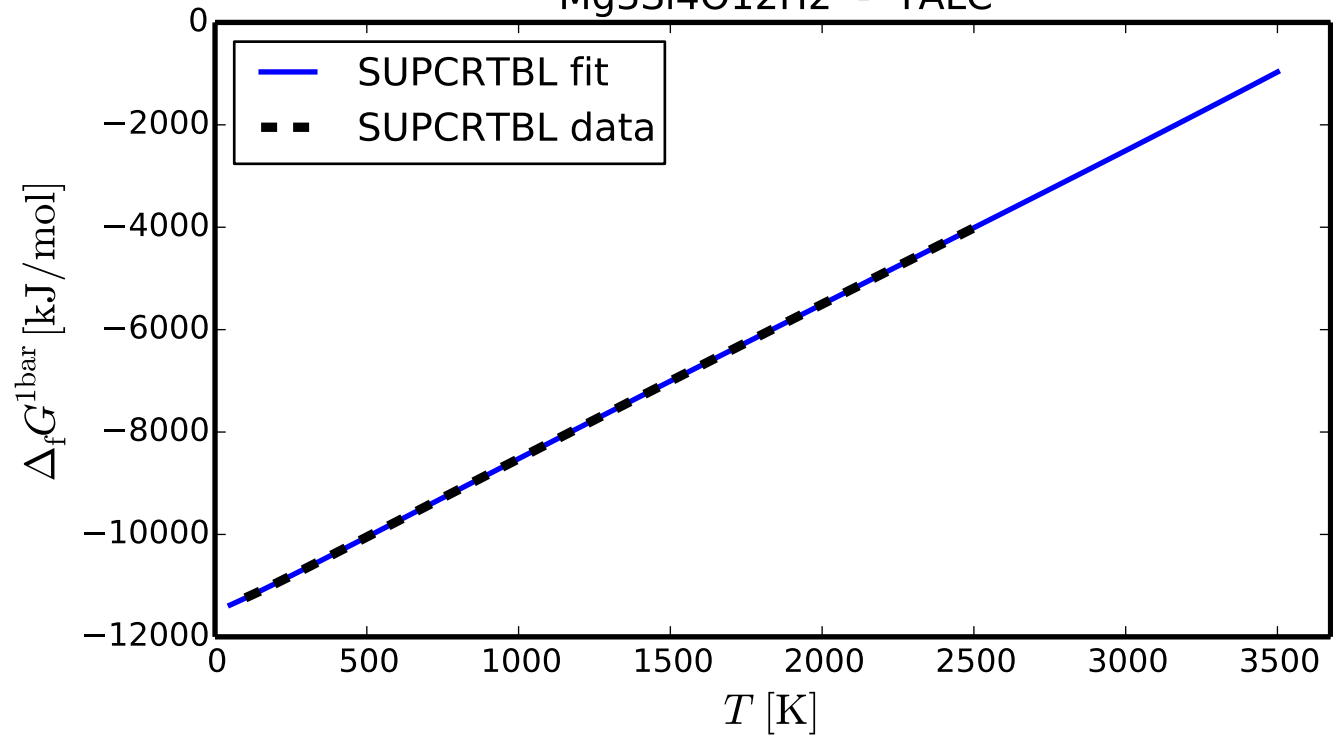
## NaMg3AlSi3O12H2 - SODAPHLOGOPITE



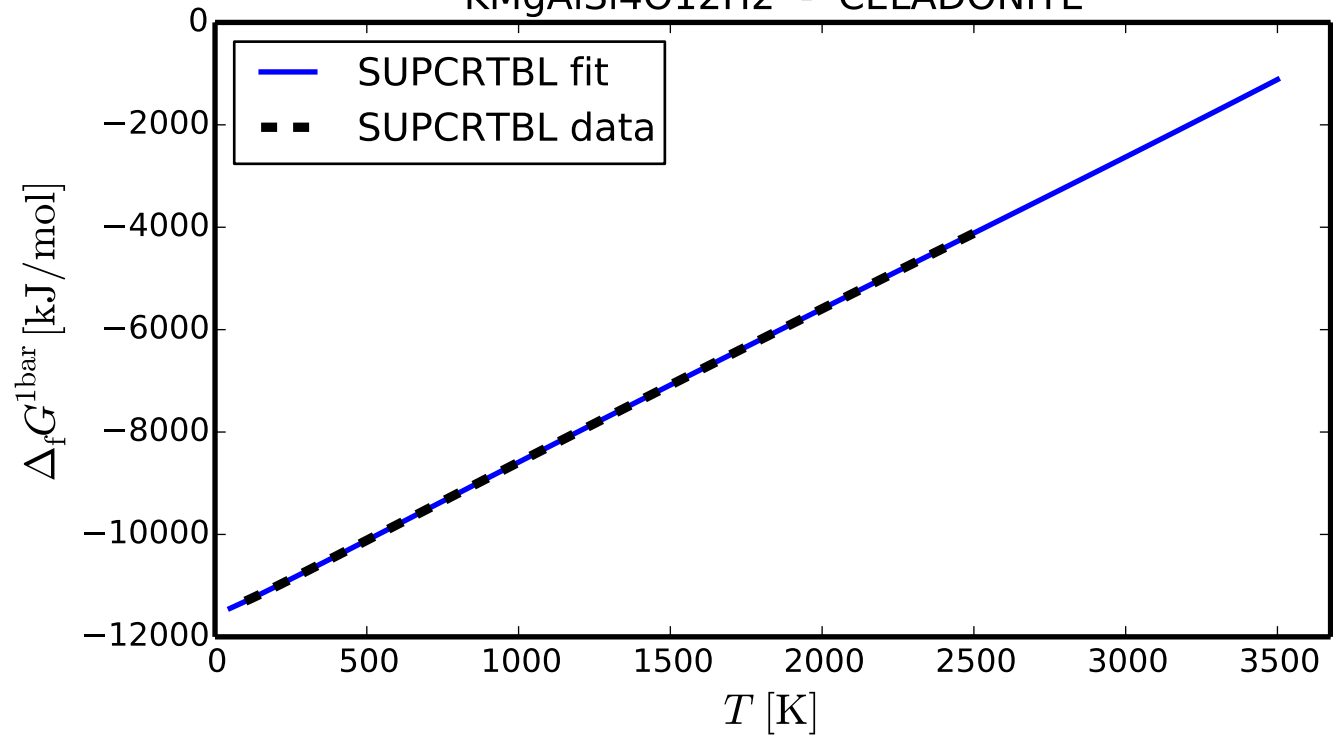
FeAl<sub>2</sub>O<sub>4</sub> - HERCYNITE



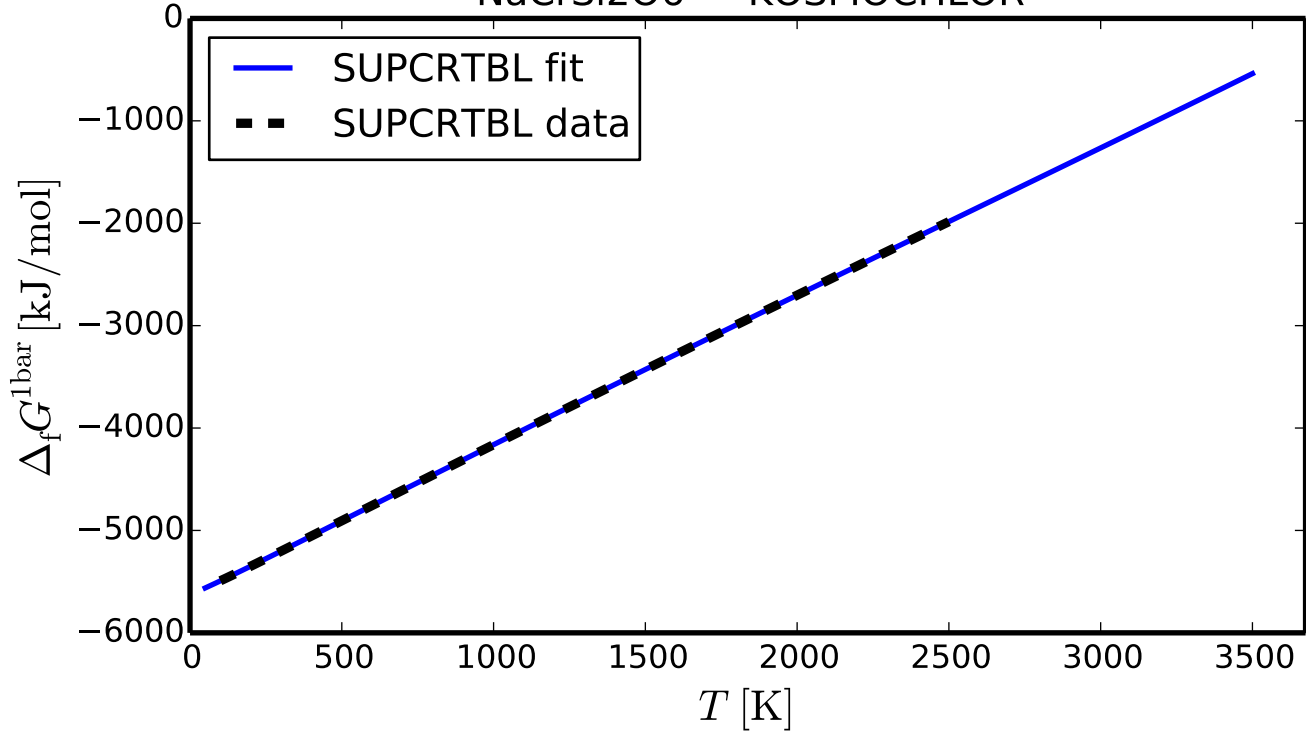
# Mg<sub>3</sub>Si<sub>4</sub>O<sub>12</sub>H<sub>2</sub> - TALC

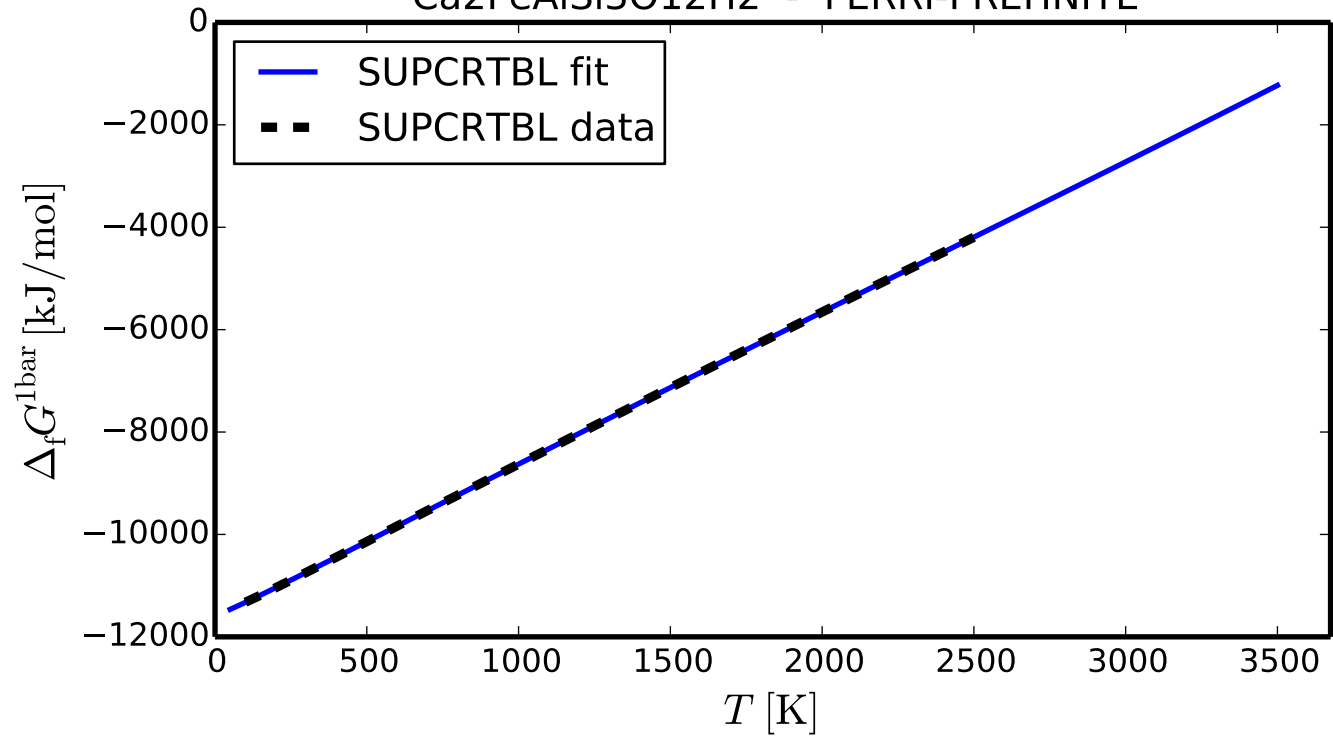


## KMgAlSi4O12H2 - CELADONITE

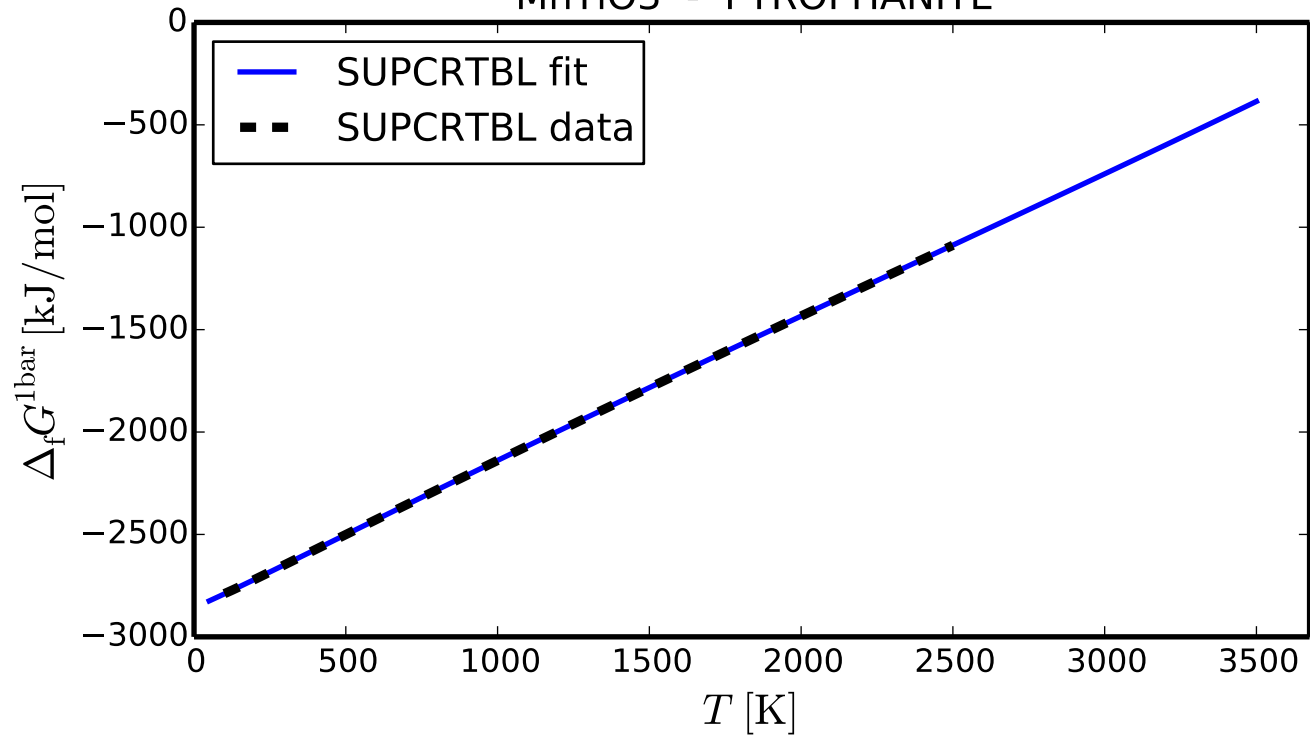


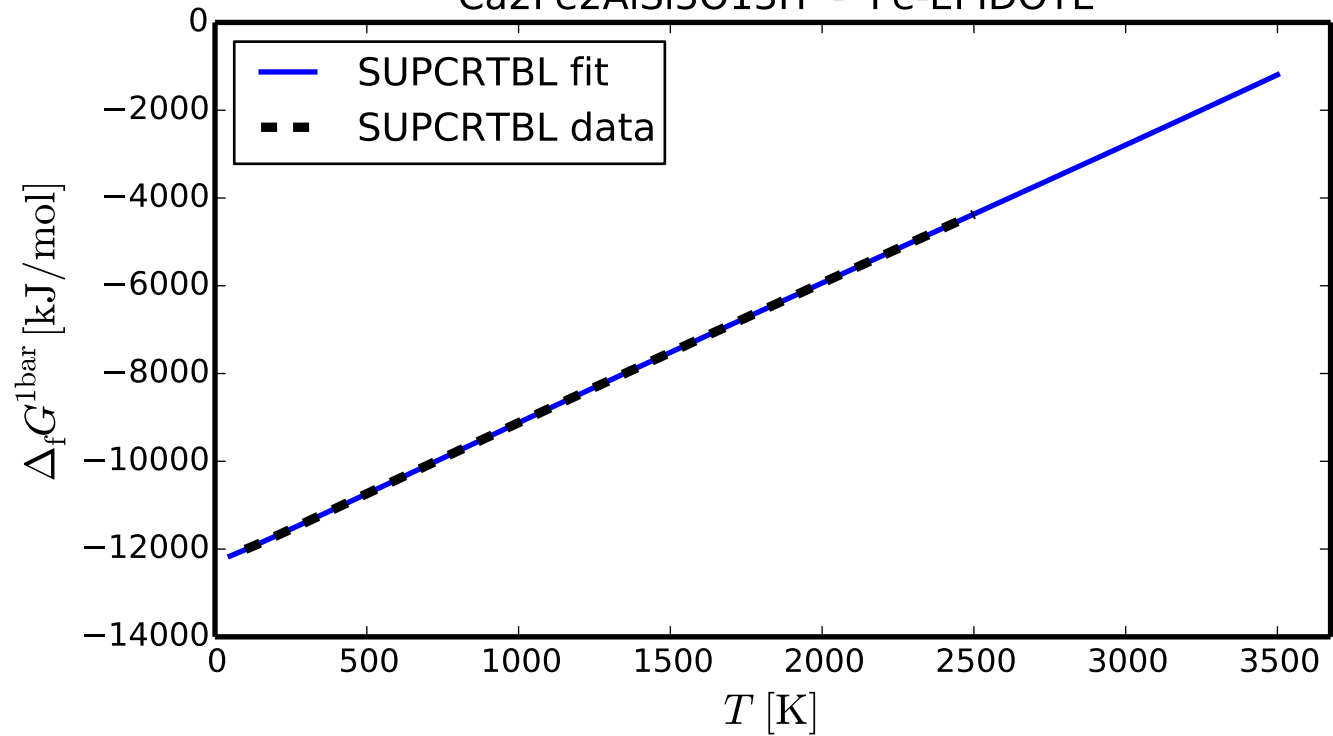
## NaCrSi2O6 - KOSMOCHLOR



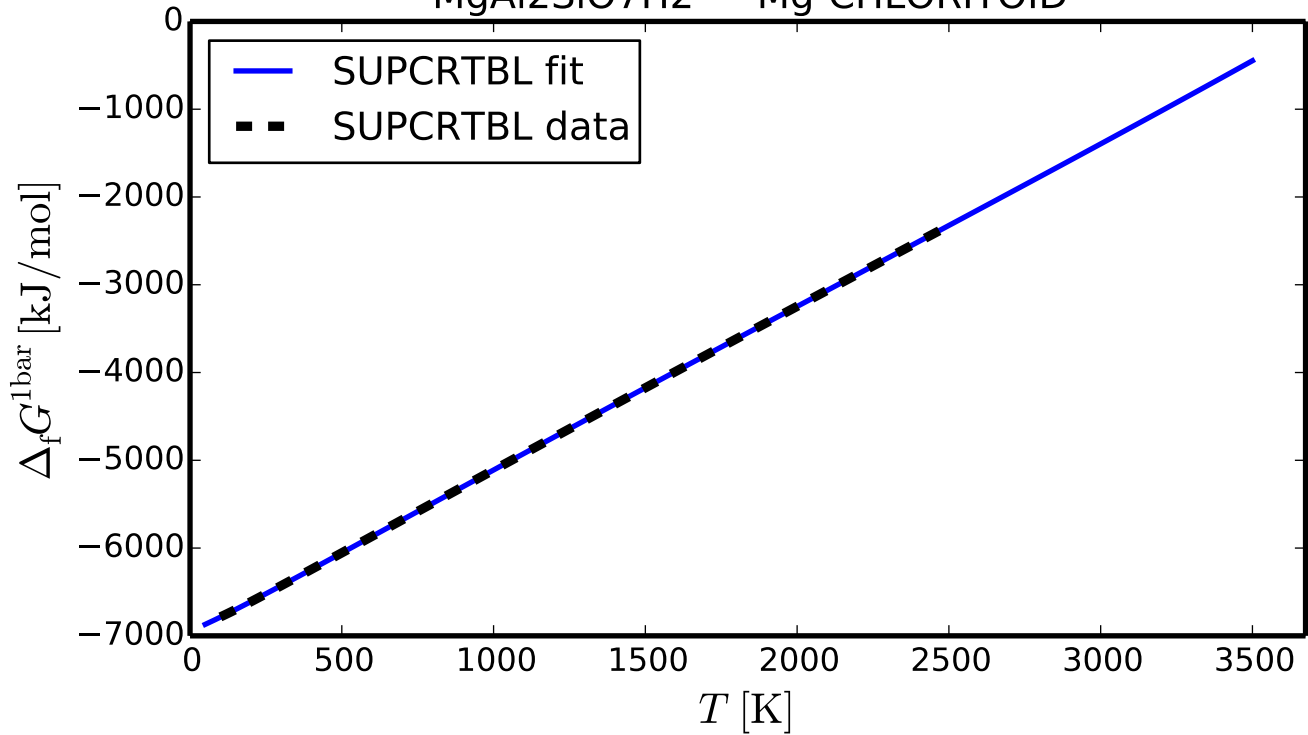
Ca<sub>2</sub>FeAlSi<sub>3</sub>O<sub>12</sub>H<sub>2</sub> - FERRI-PREHNITE

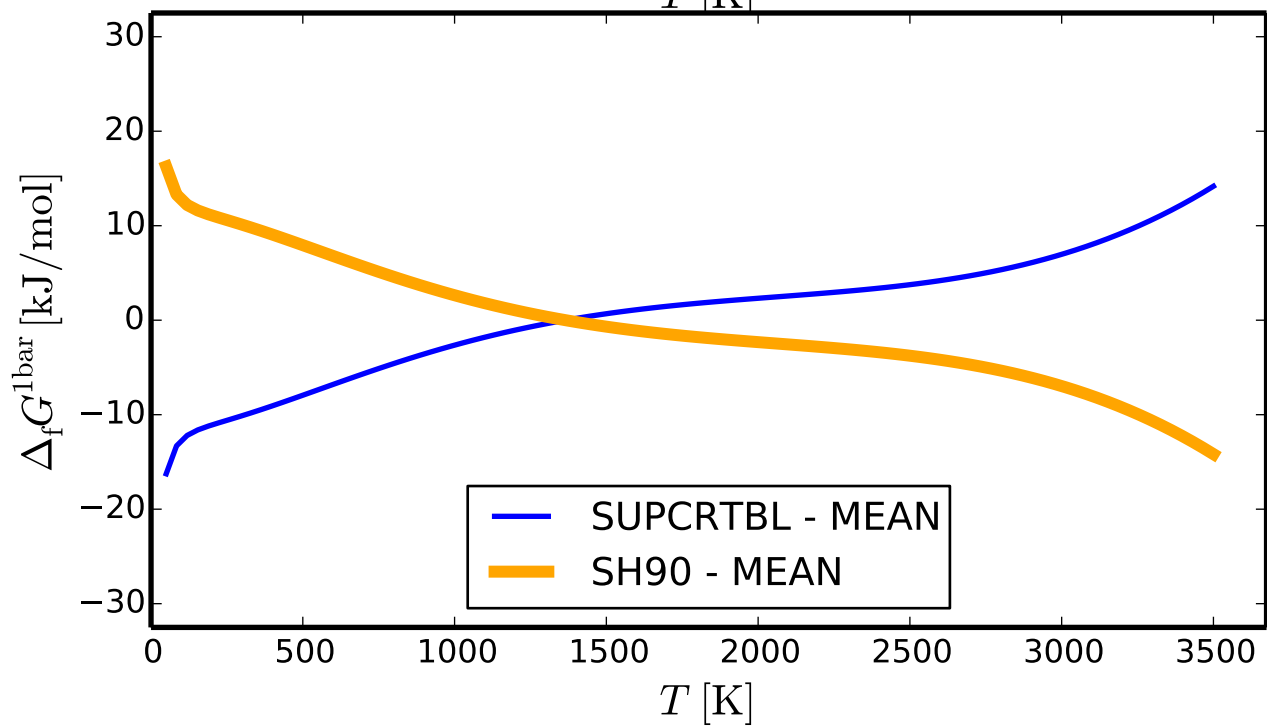
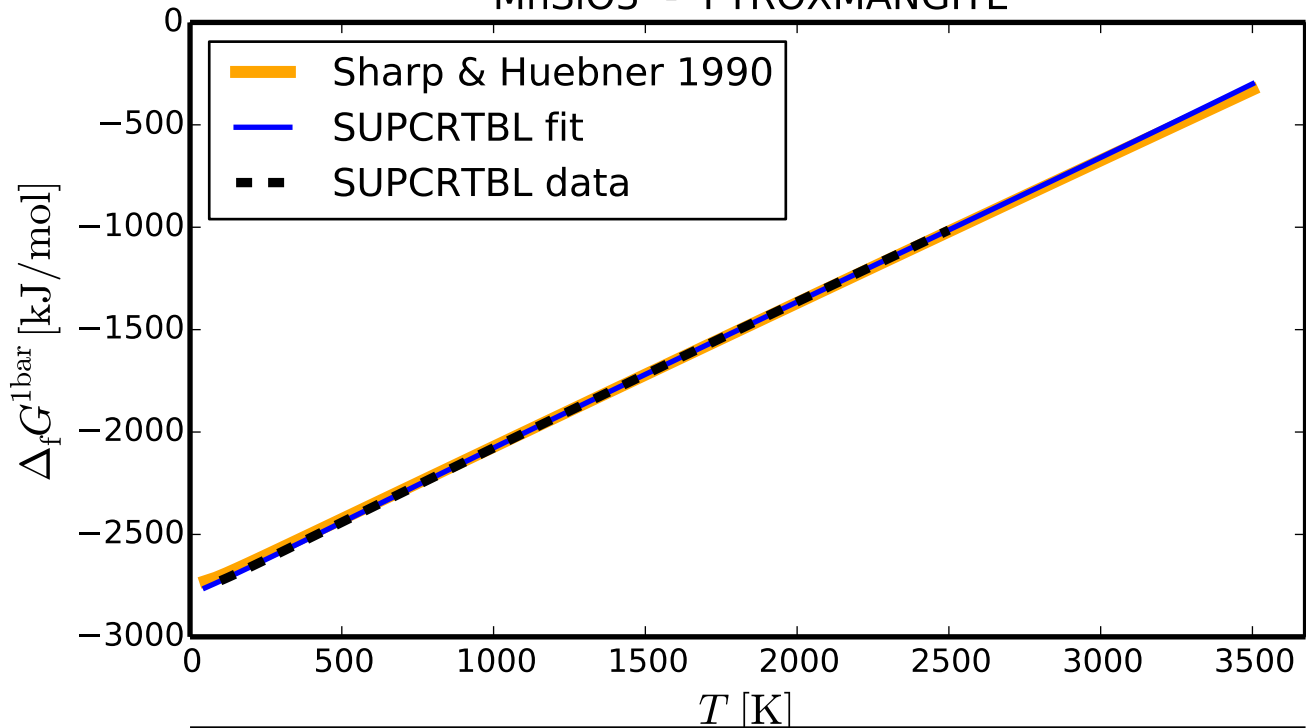
## MnTiO3 - PYROPHANITE



Ca<sub>2</sub>Fe<sub>2</sub>AlSi<sub>3</sub>O<sub>13</sub>H - Fe-EPIDOTE

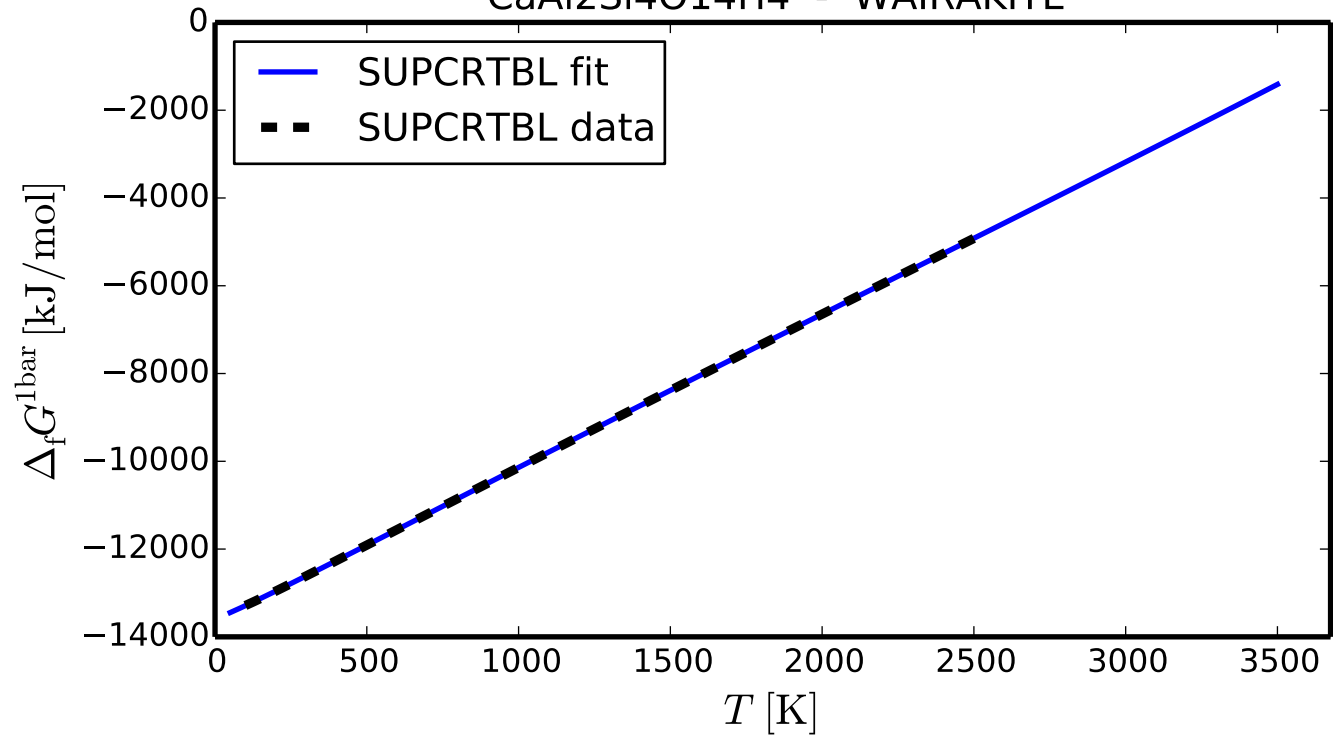
# MgAl<sub>2</sub>SiO<sub>7</sub>H<sub>2</sub> - Mg-CHLORITOID



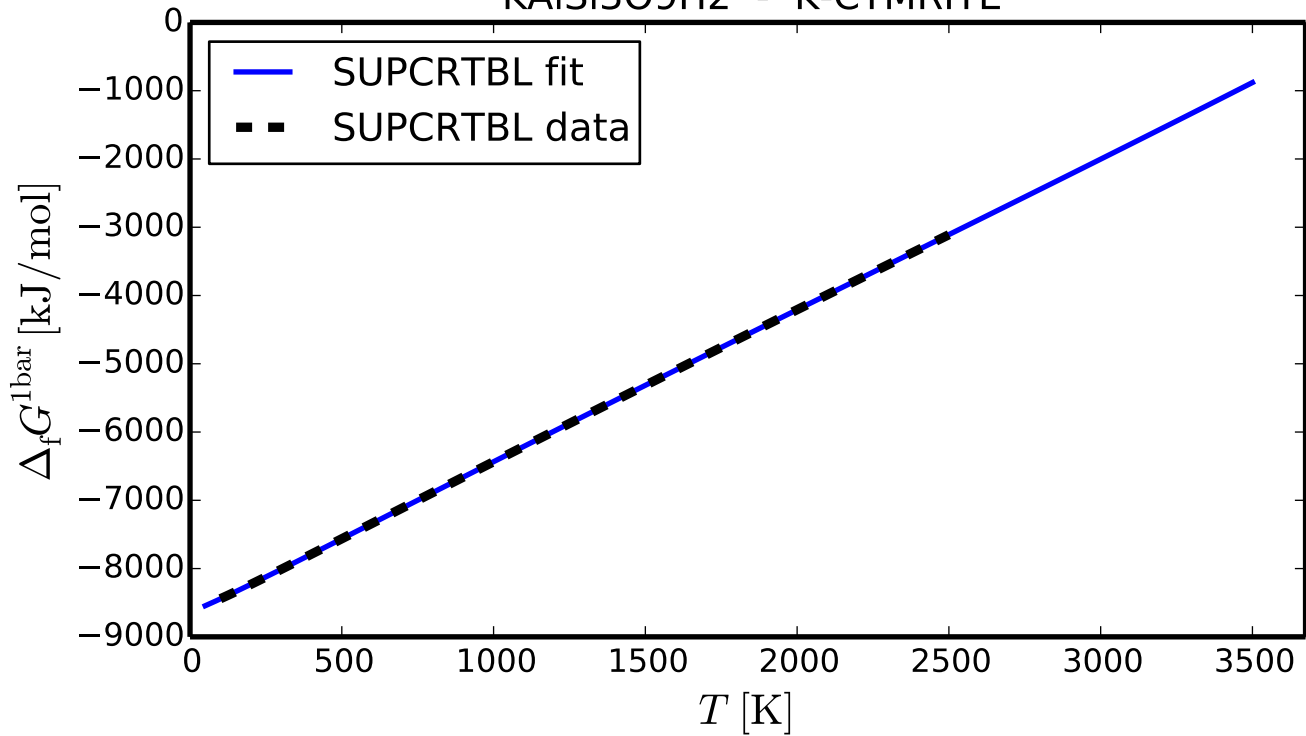
MnSiO<sub>3</sub> - PYROXMANGITE

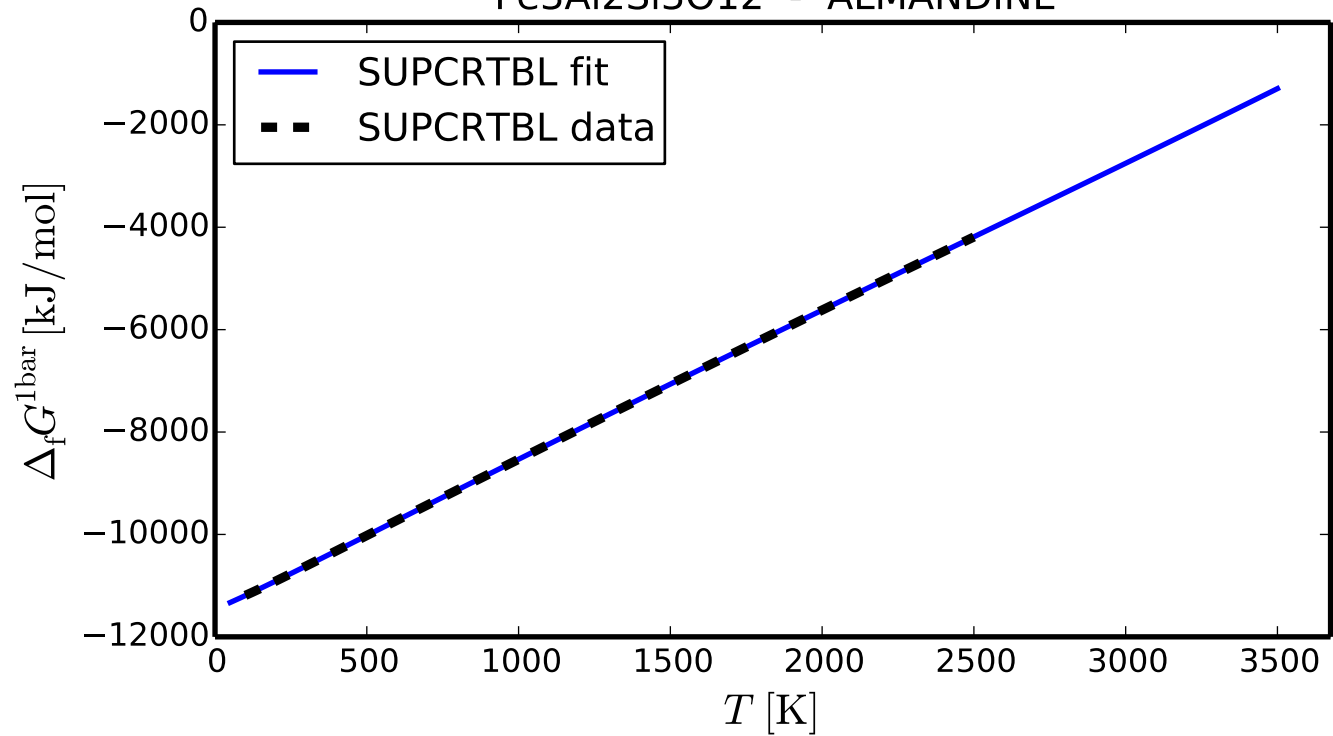


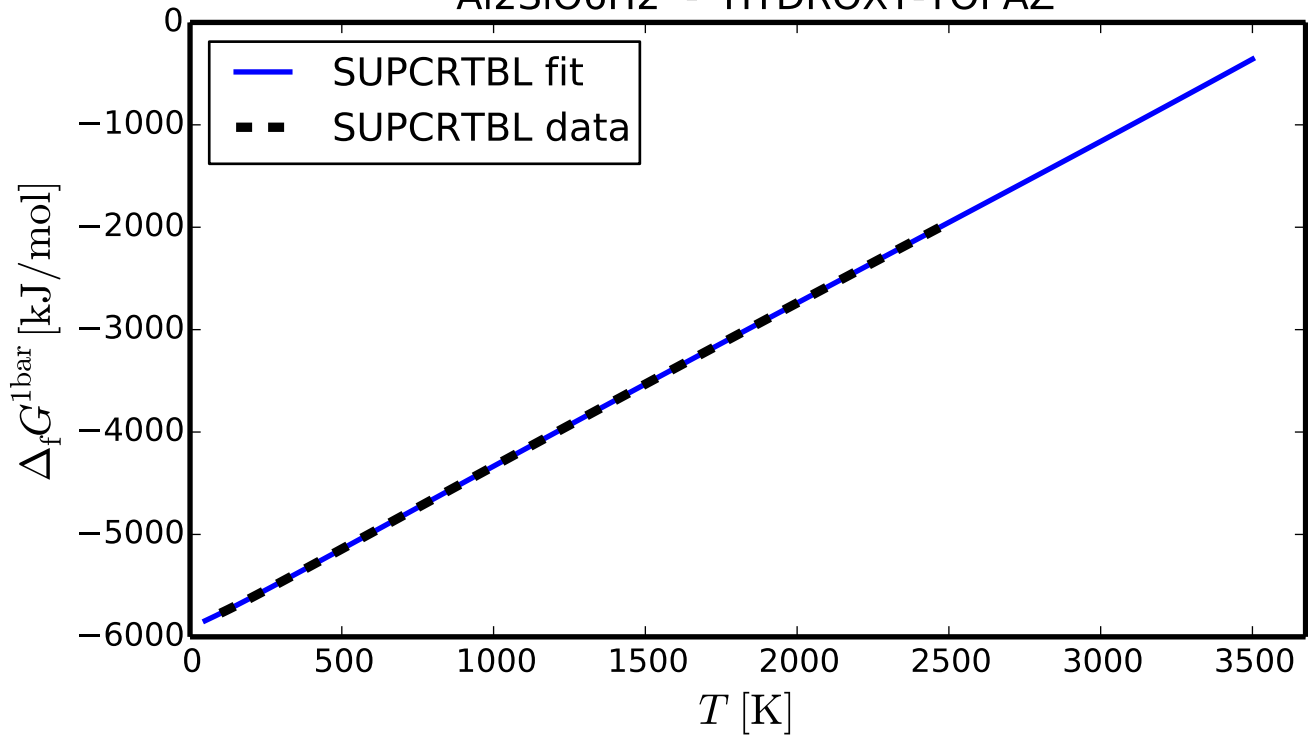
# CaAl<sub>2</sub>Si<sub>4</sub>O<sub>14</sub>H<sub>4</sub> - WAIRAKITE



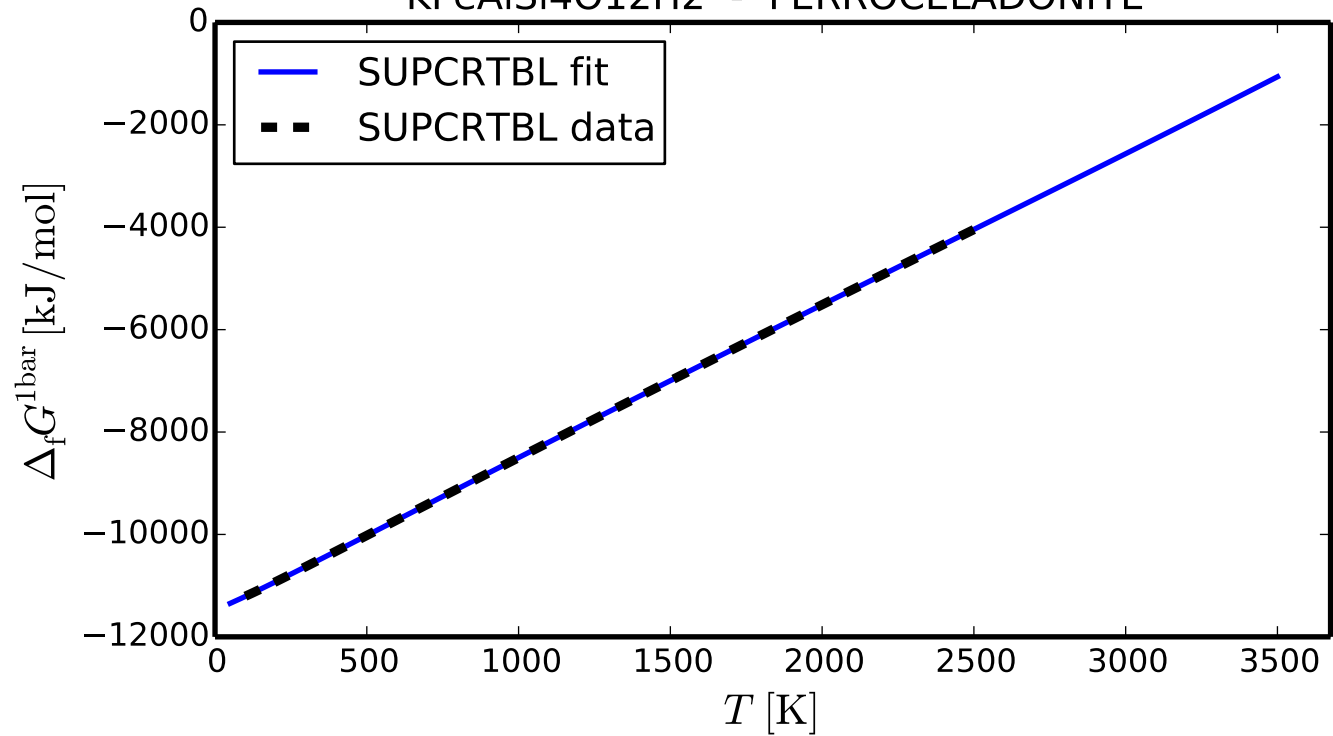
## KAISI3O9H2 - K-CYMRITE



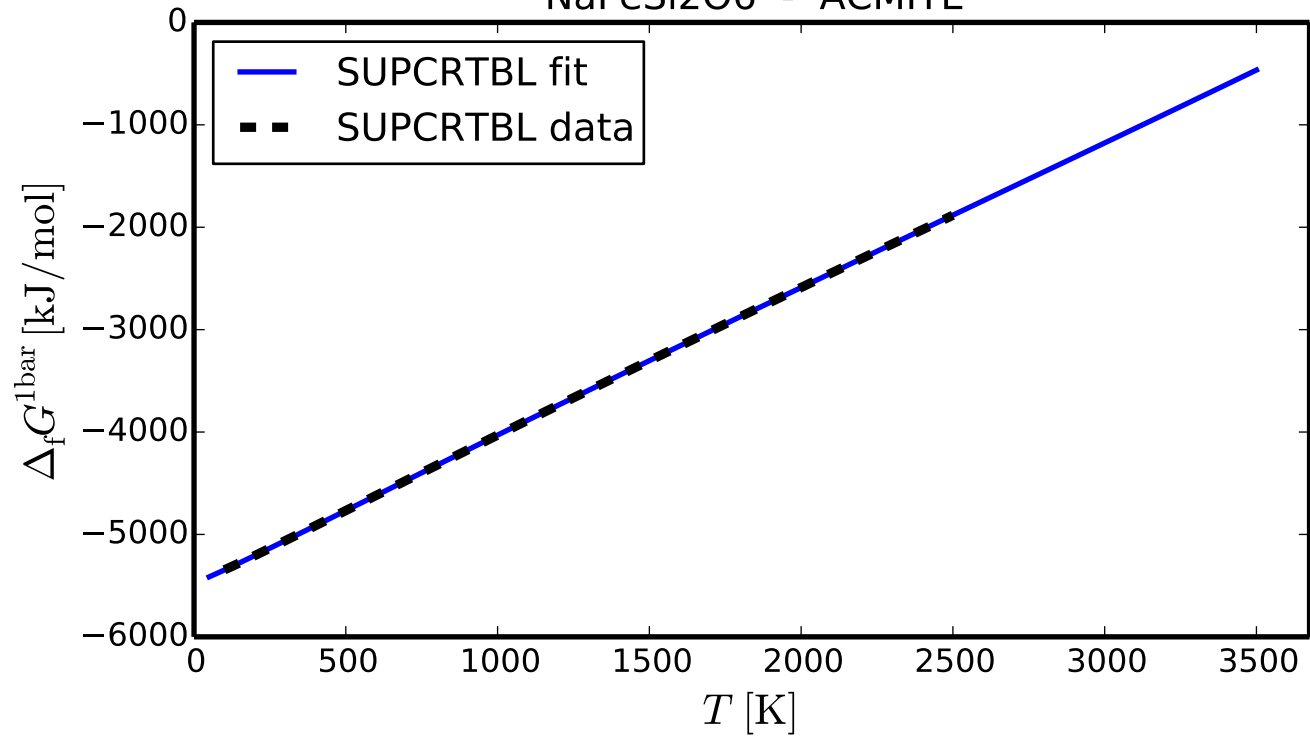
Fe<sub>3</sub>Al<sub>2</sub>Si<sub>3</sub>O<sub>12</sub> - ALMANDINE

Al<sub>2</sub>SiO<sub>6</sub>H<sub>2</sub> - HYDROXY-TOPAZ

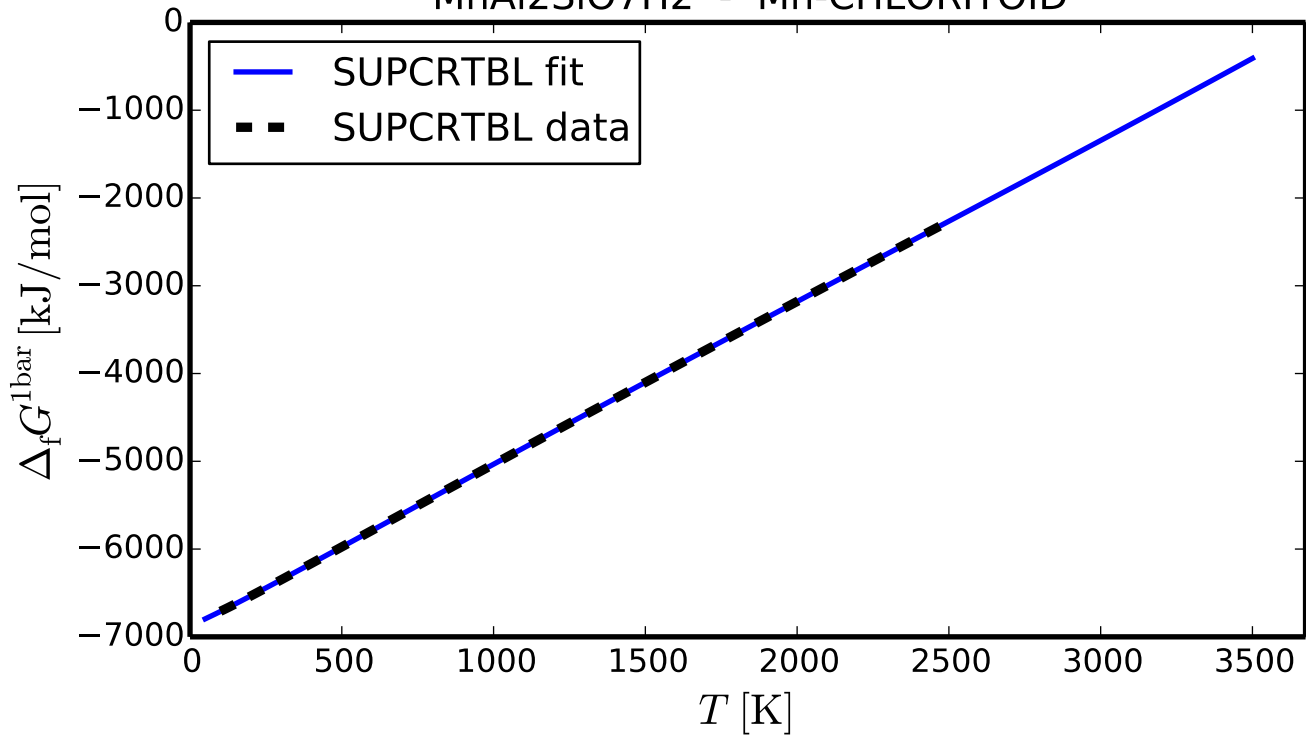
## KFeAlSi4O12H2 - FERROCELADONITE



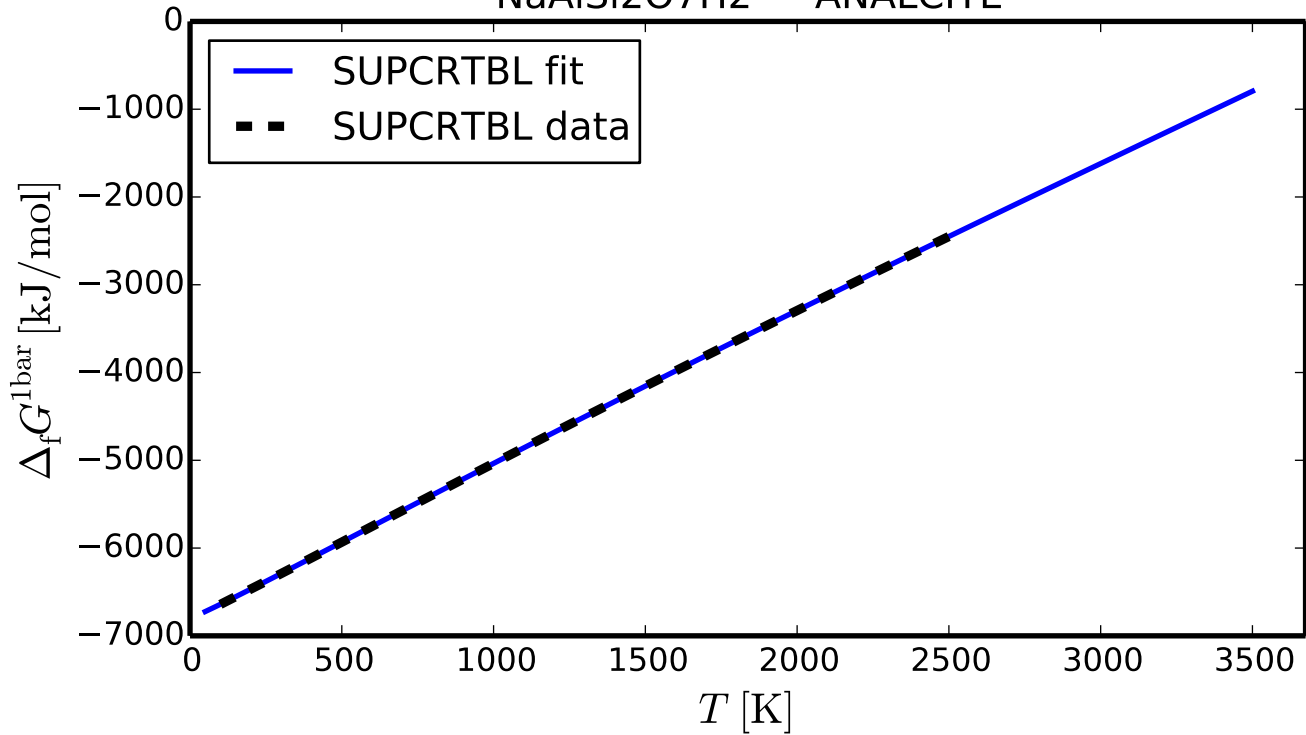
## NaFeSi2O6 - ACMITE



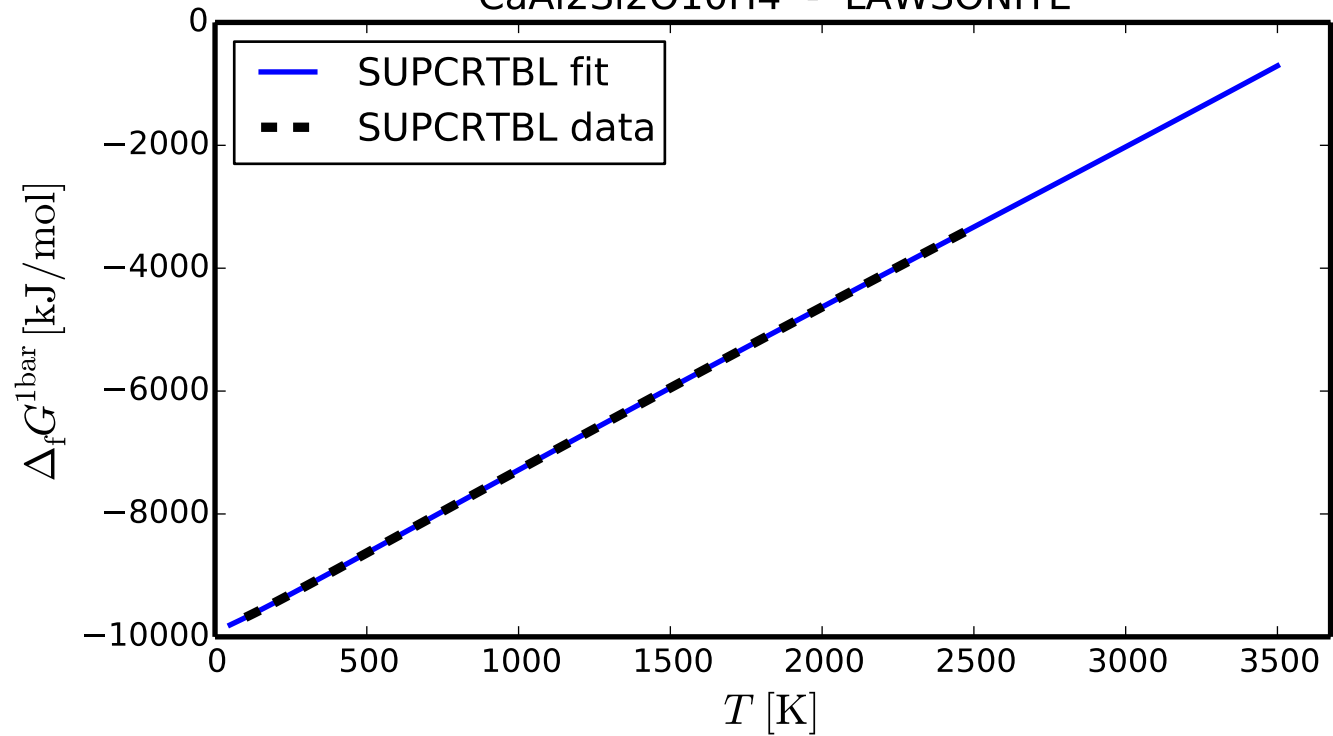
## MnAl2SiO7H2 - Mn-CHLORITOID



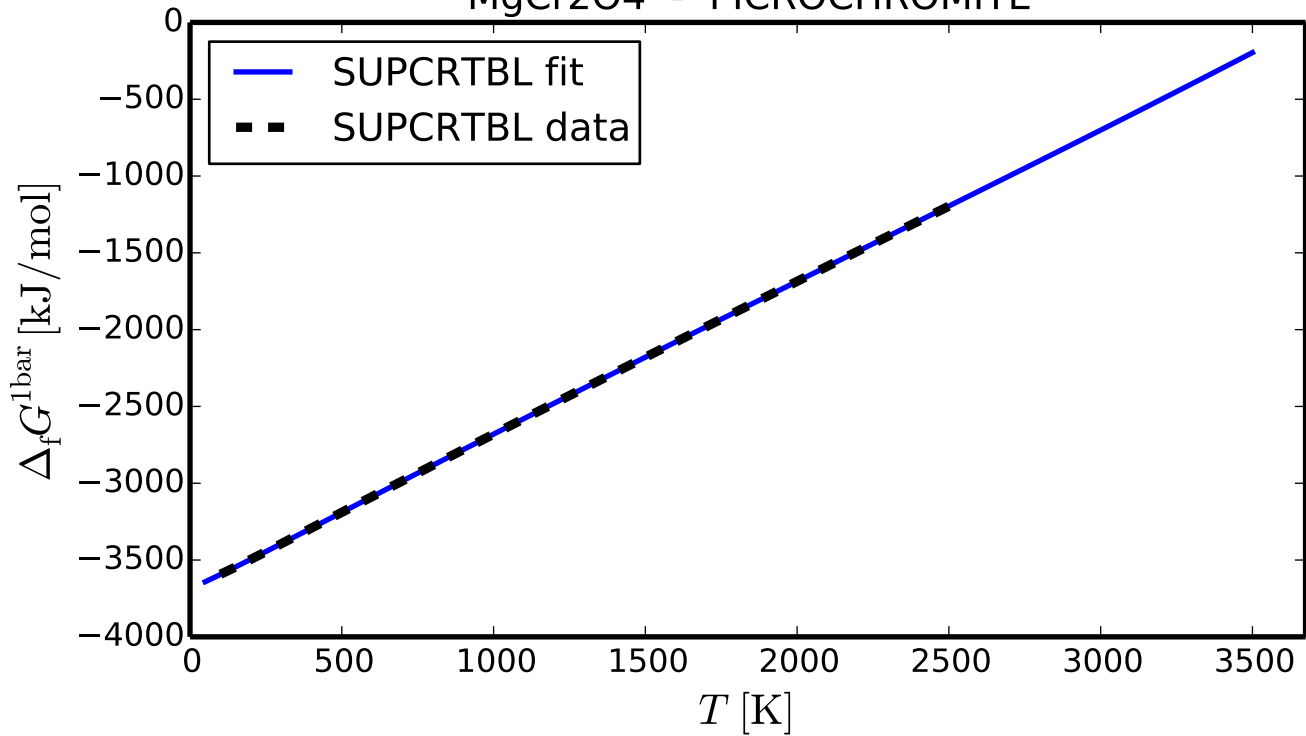
## NaAlSi2O7H2 - ANALCITE

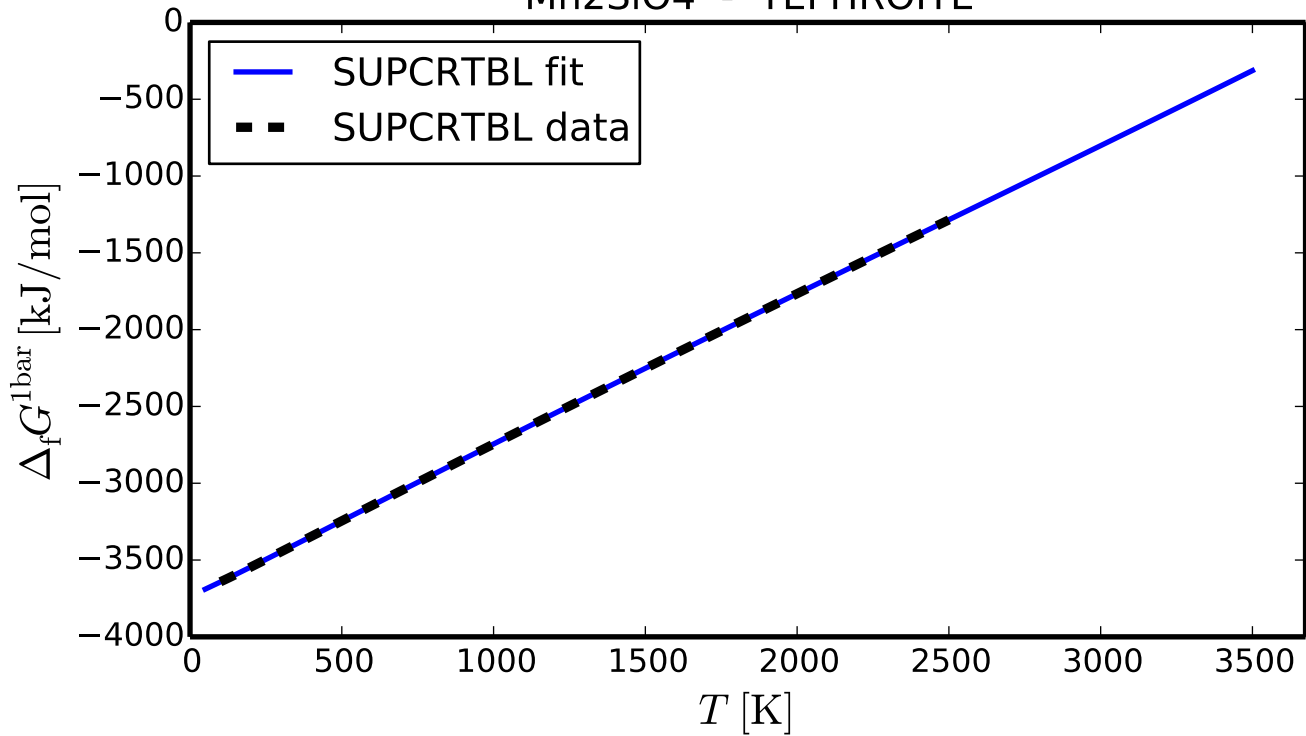




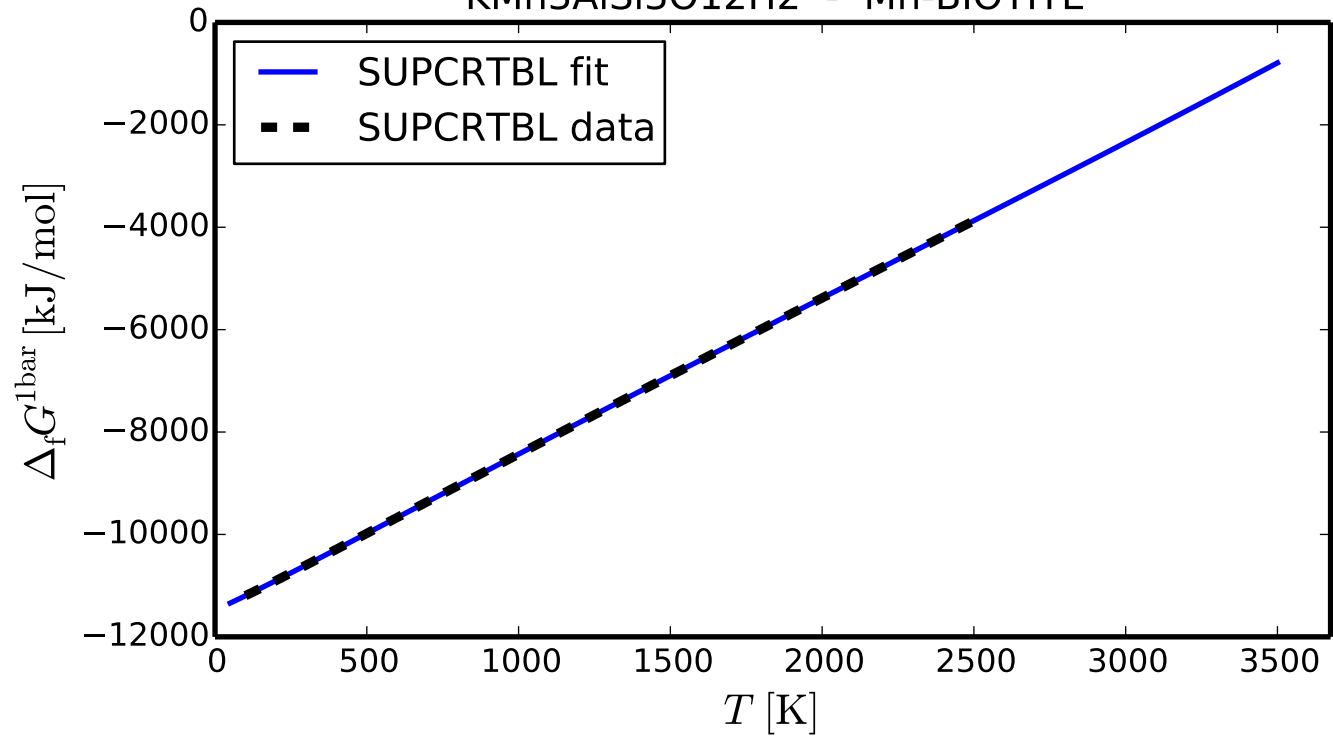
CaAl<sub>2</sub>Si<sub>2</sub>O<sub>10</sub>H<sub>4</sub> - LAWSONITE

## MgCr2O4 - PICROCHROMITE

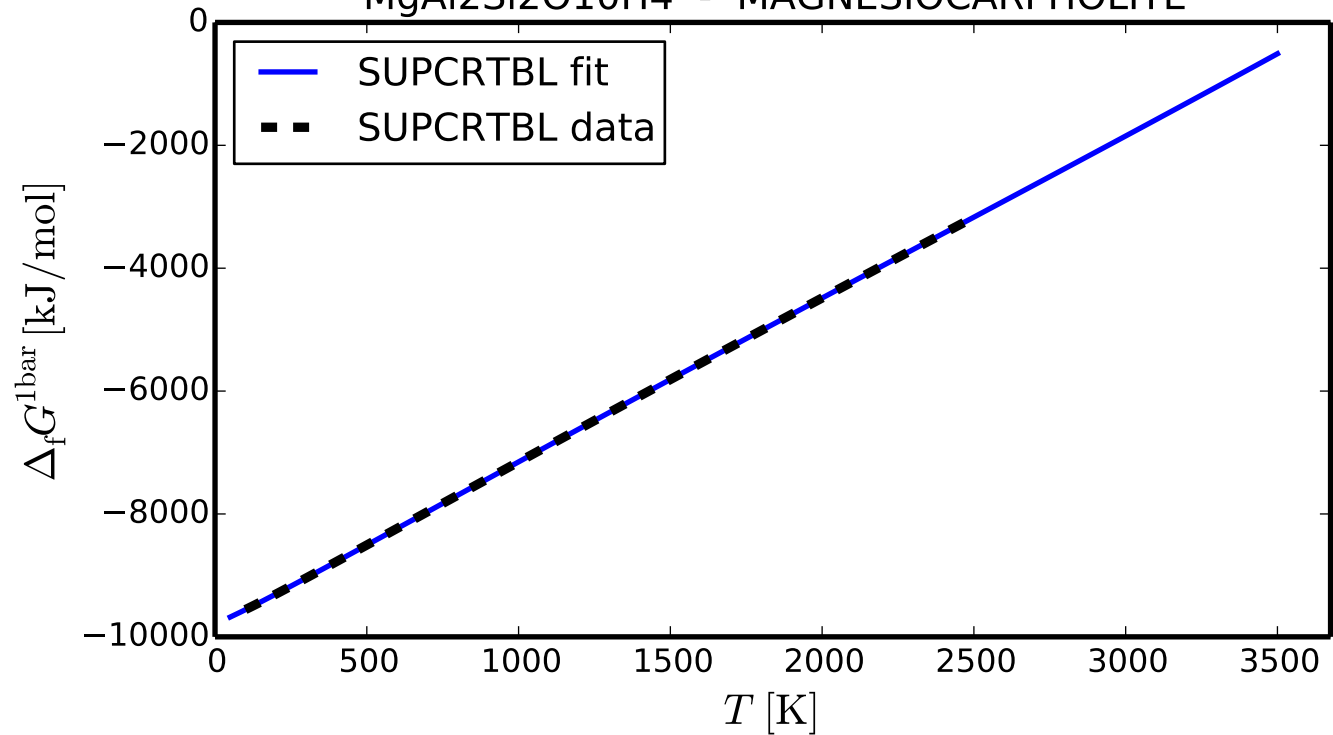


Mn<sub>2</sub>SiO<sub>4</sub> - TEPHROITE

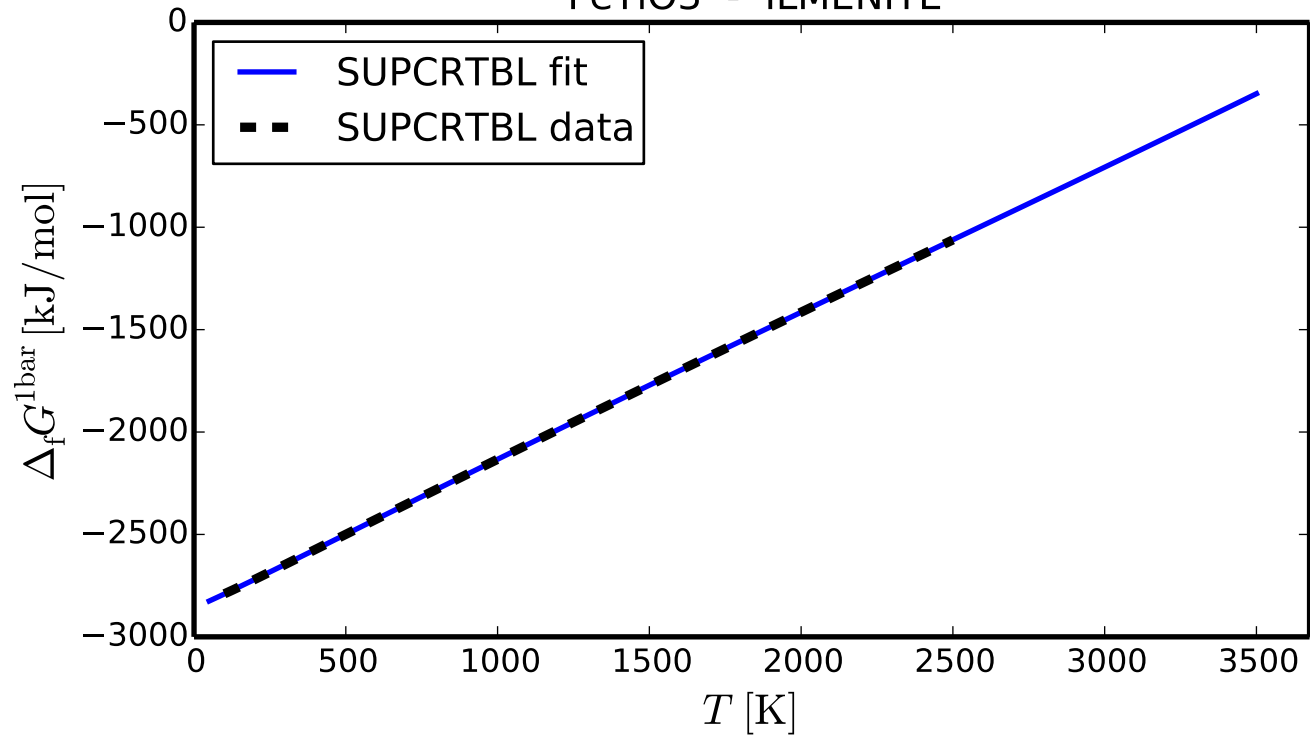
## KMn3AlSi3O12H2 - Mn-BIOTITE



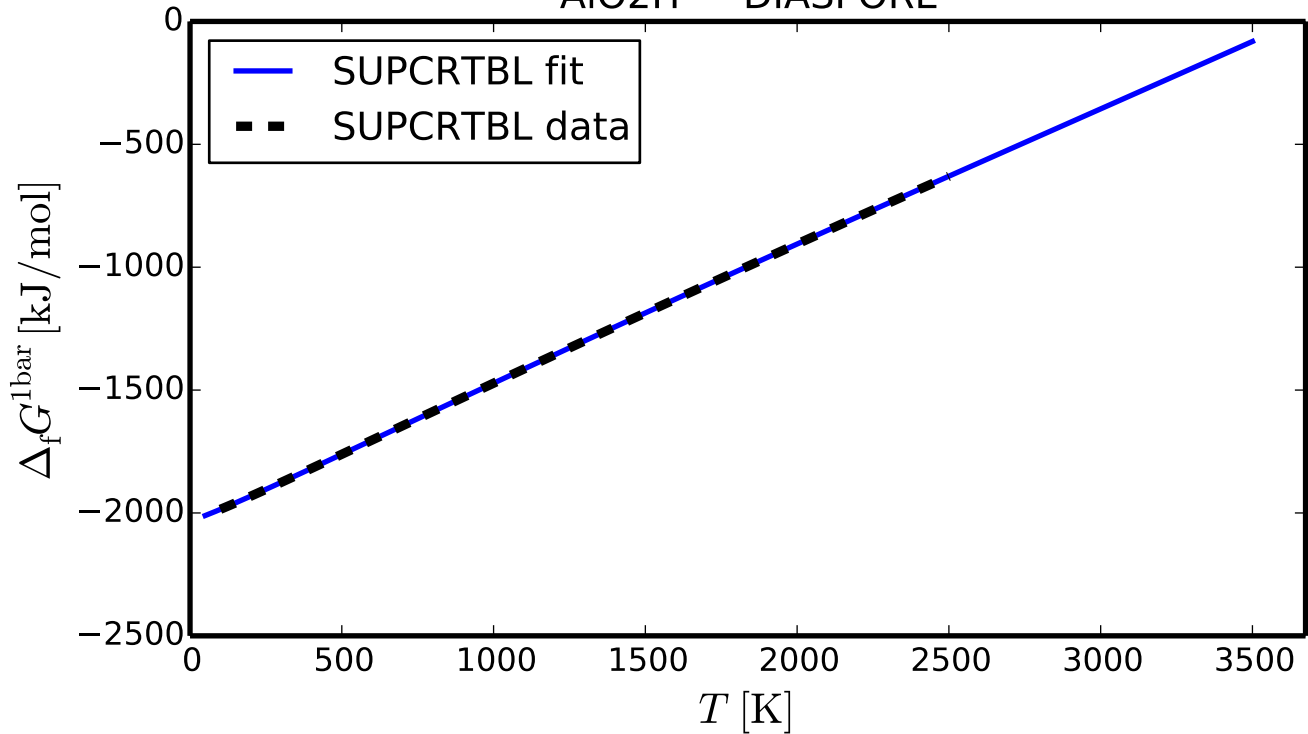
# MgAl<sub>2</sub>Si<sub>2</sub>O<sub>10</sub>H<sub>4</sub> - MAGNESIOCARPHOLITE



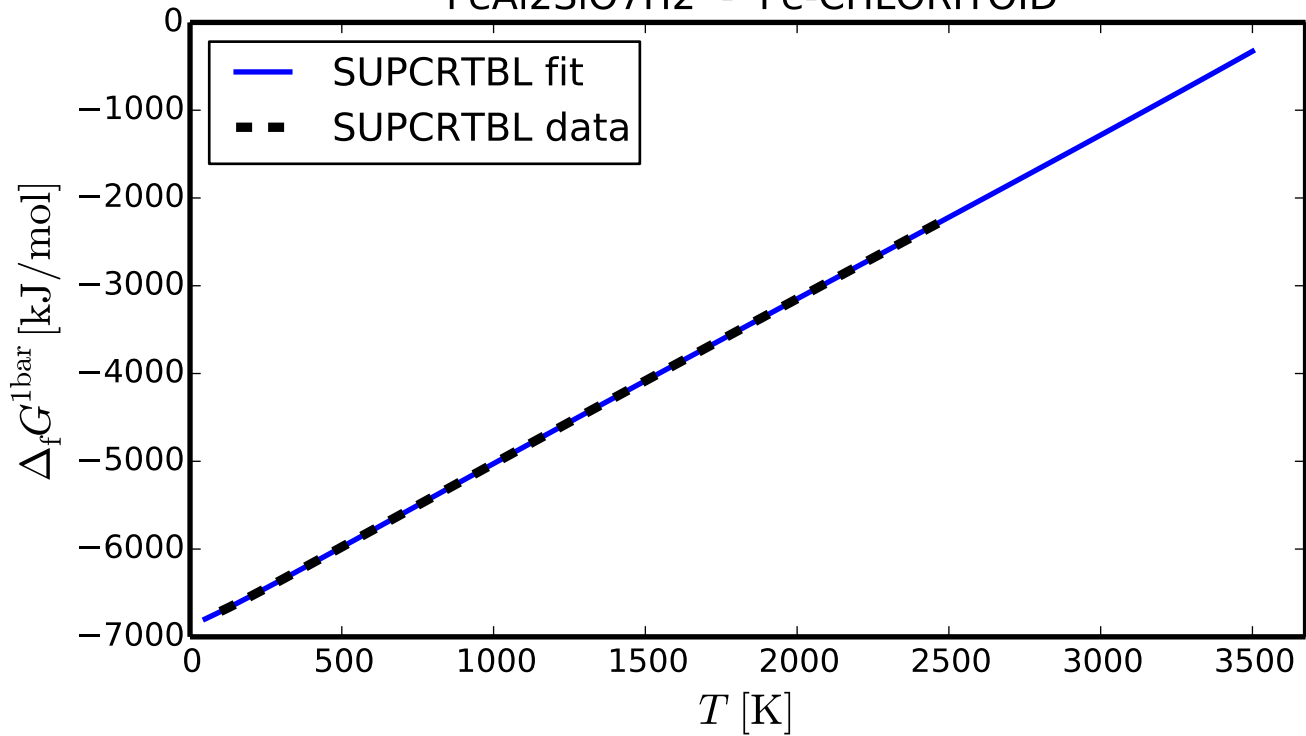
## FeTiO3 - ILMENITE



# AIO<sub>2</sub>H - DIASPORE

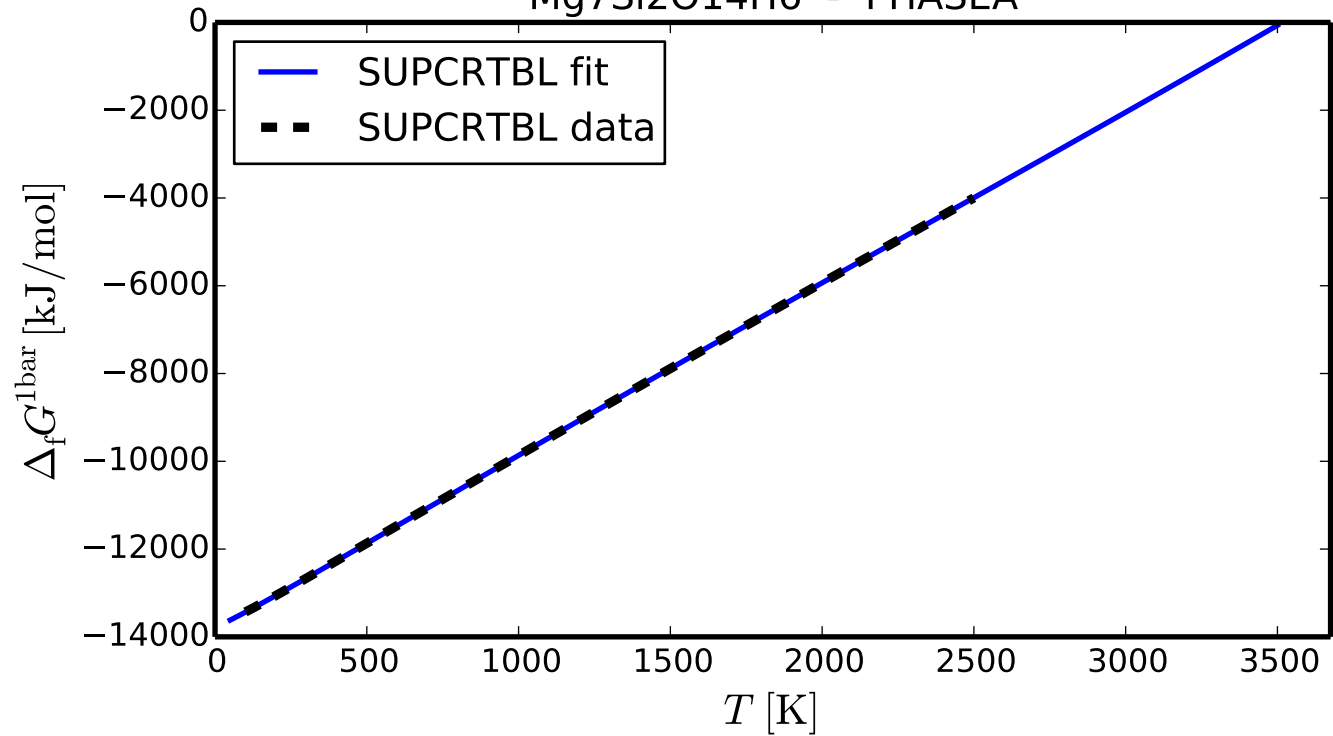


## FeAl2SiO7H2 - Fe-CHLORITOID

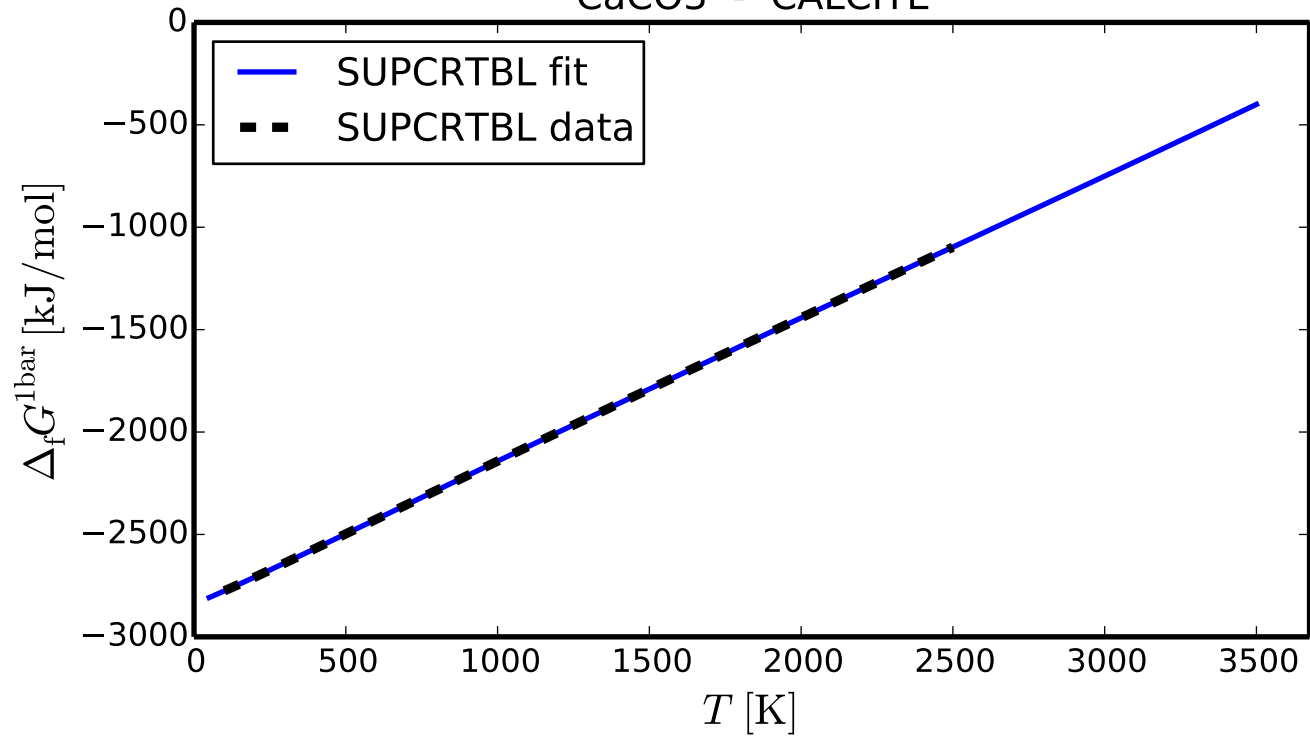




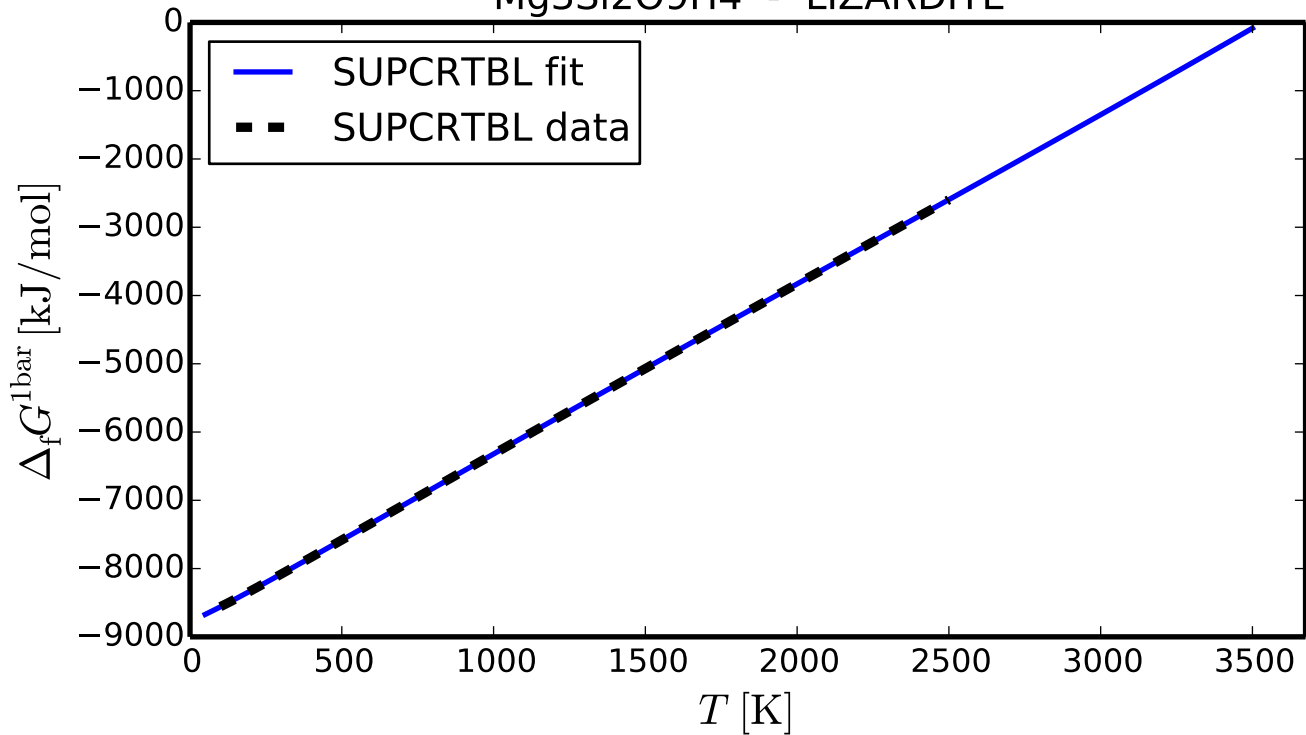
# Mg<sub>7</sub>Si<sub>2</sub>O<sub>14</sub>H<sub>6</sub> - PHASEA

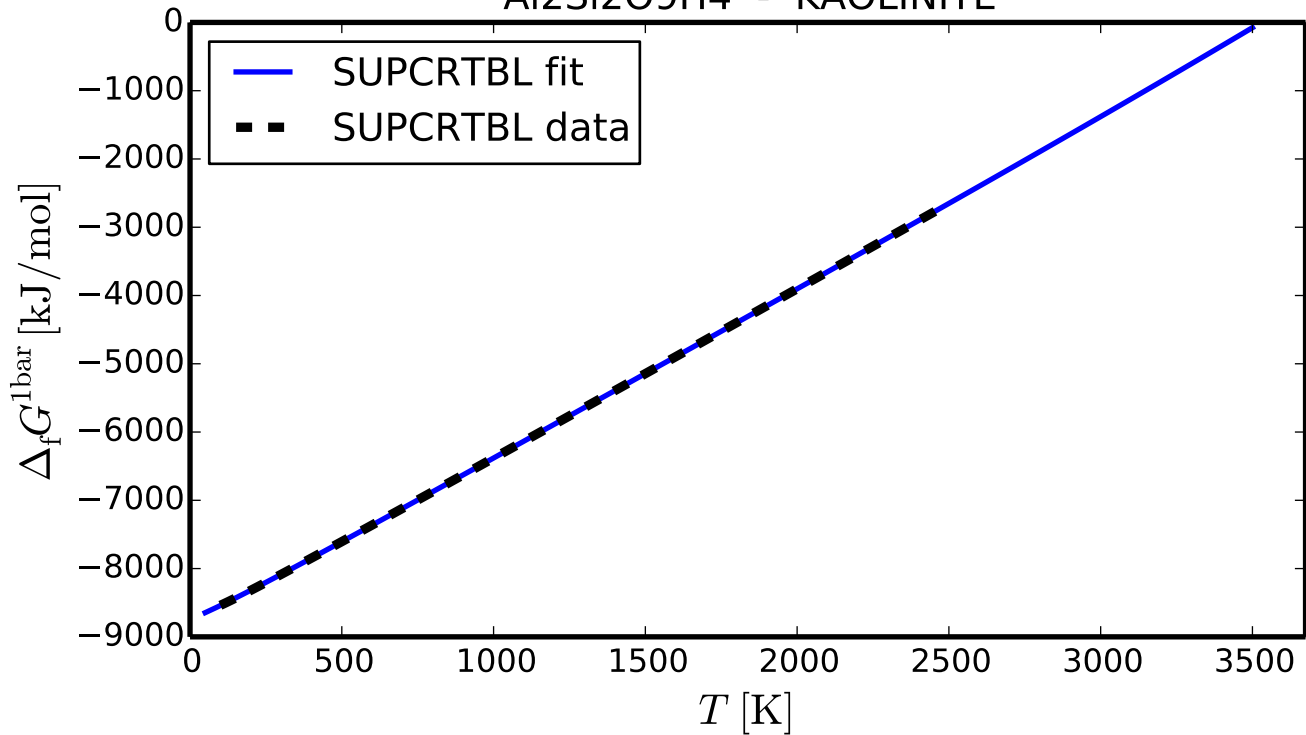


## CaCO3 - CALCITE

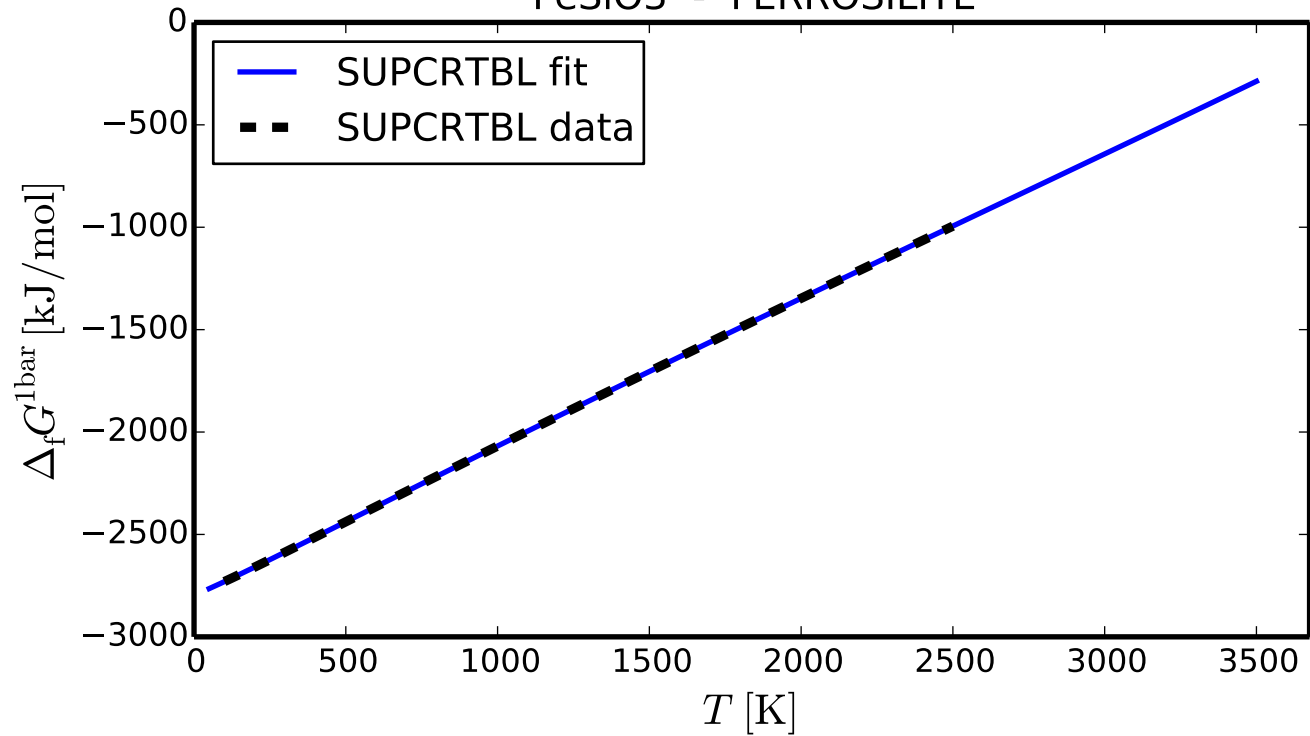


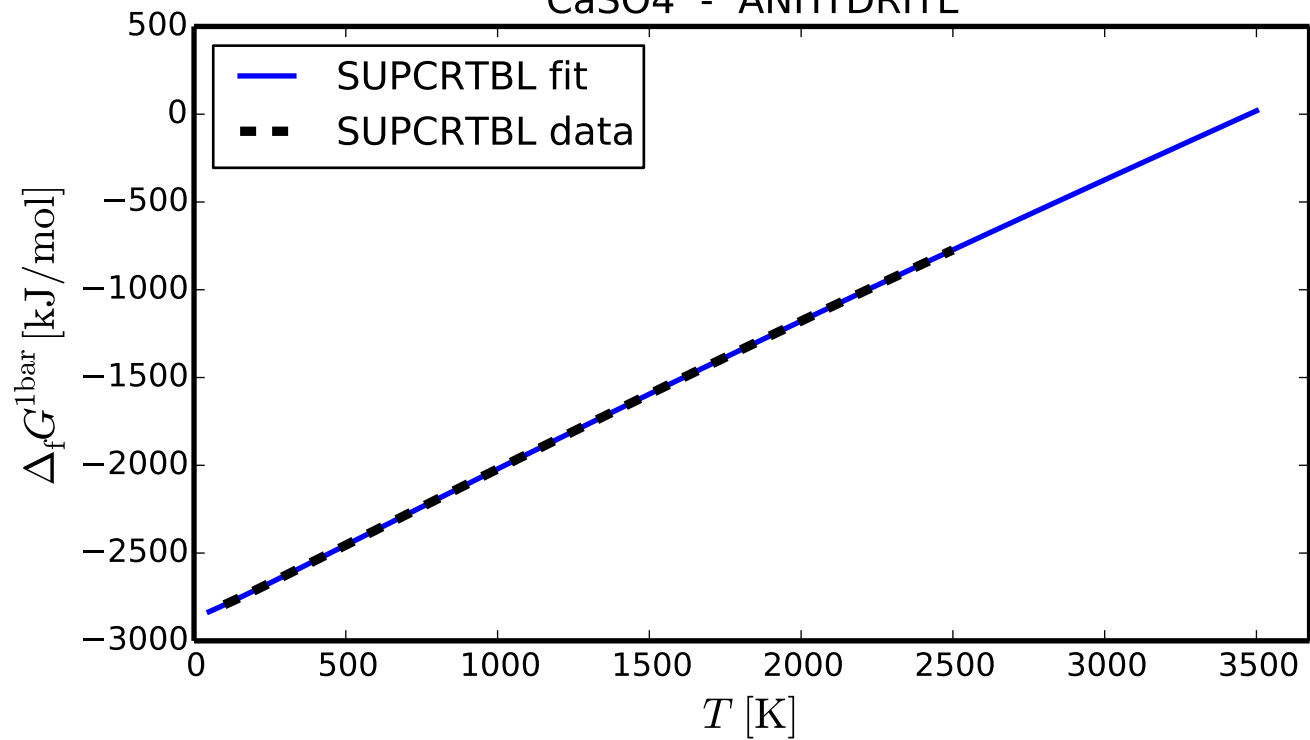
# Mg3Si2O9H4 - LIZARDITE



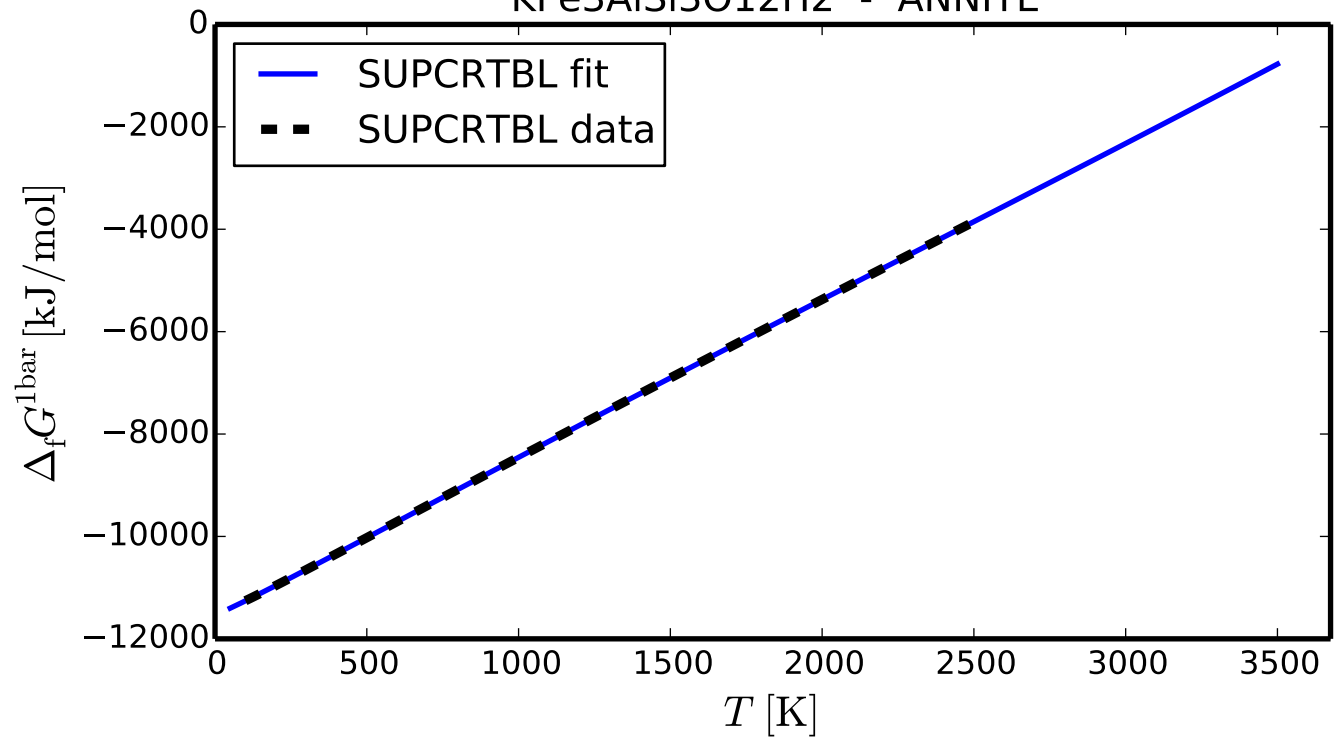
Al<sub>2</sub>Si<sub>2</sub>O<sub>9</sub>H<sub>4</sub> - KAOLINITE

## FeSiO3 - FERROSILITE

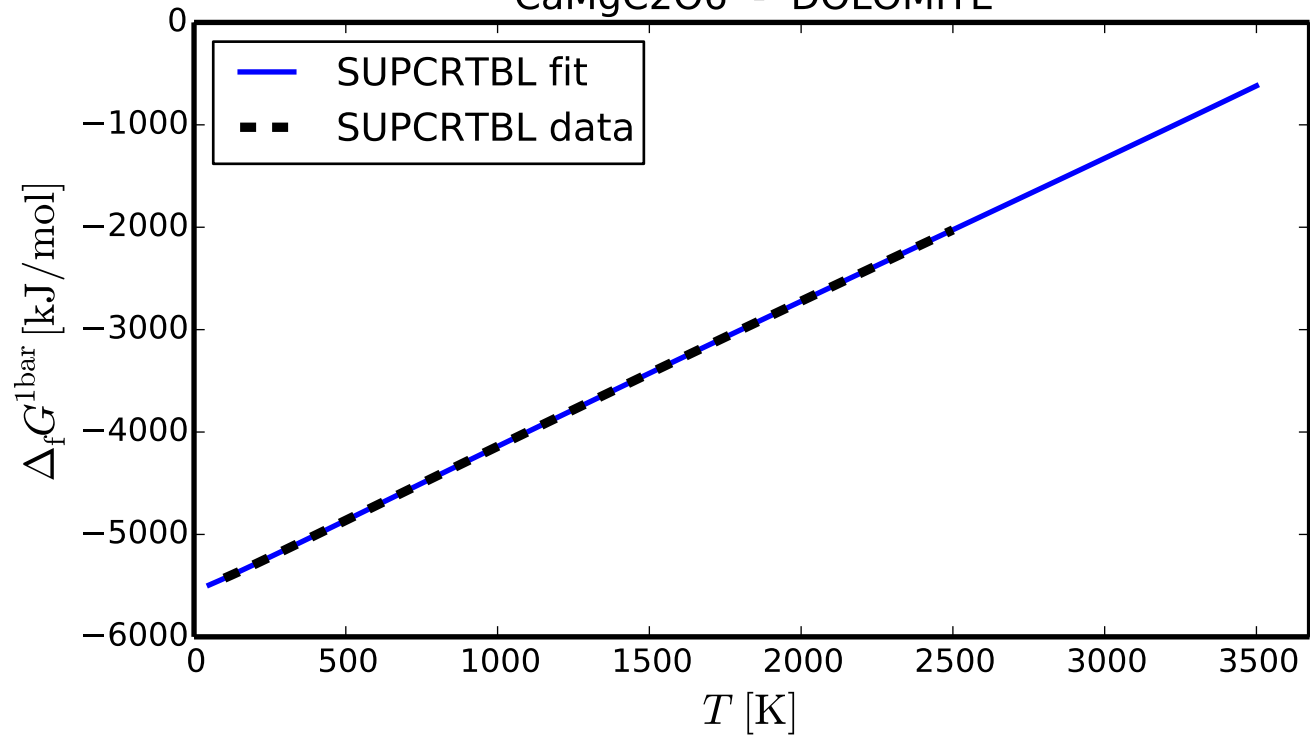


CaSO<sub>4</sub> - ANHYDRITE

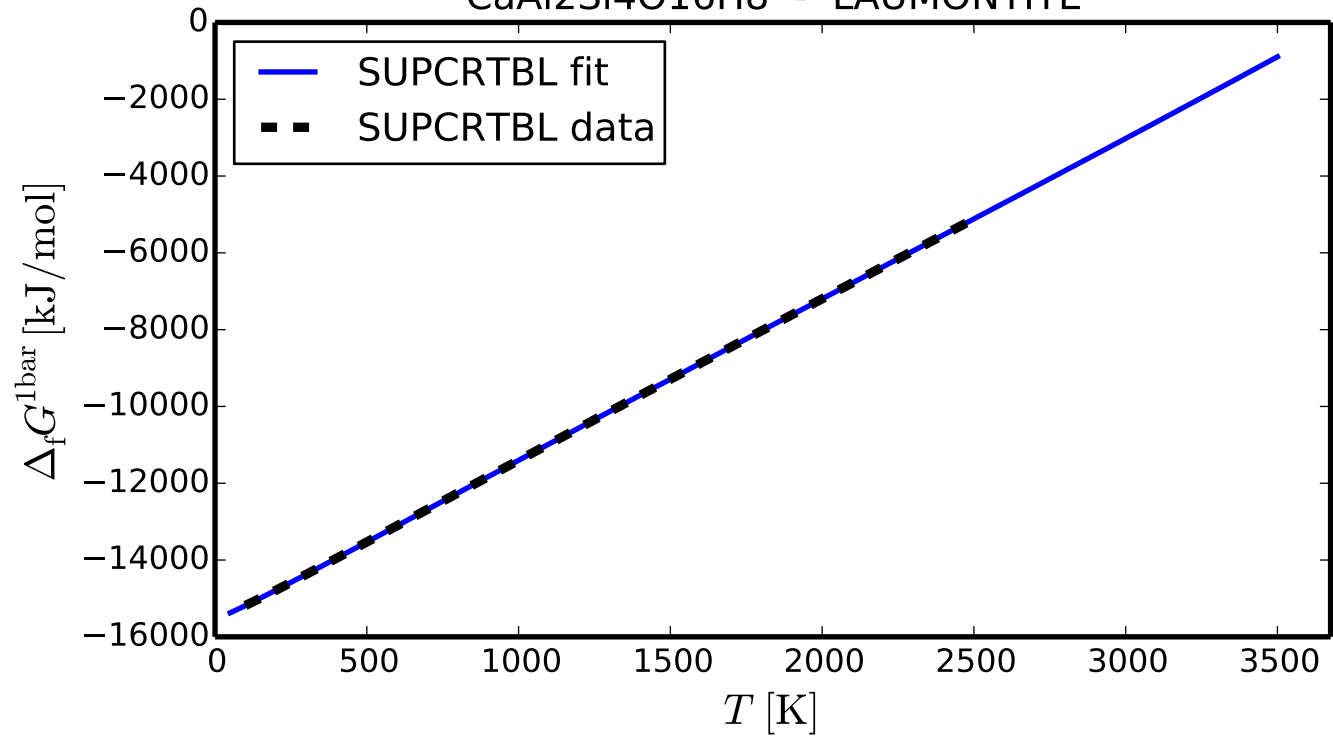
KFe3AlSi3O12H2 - ANNITE

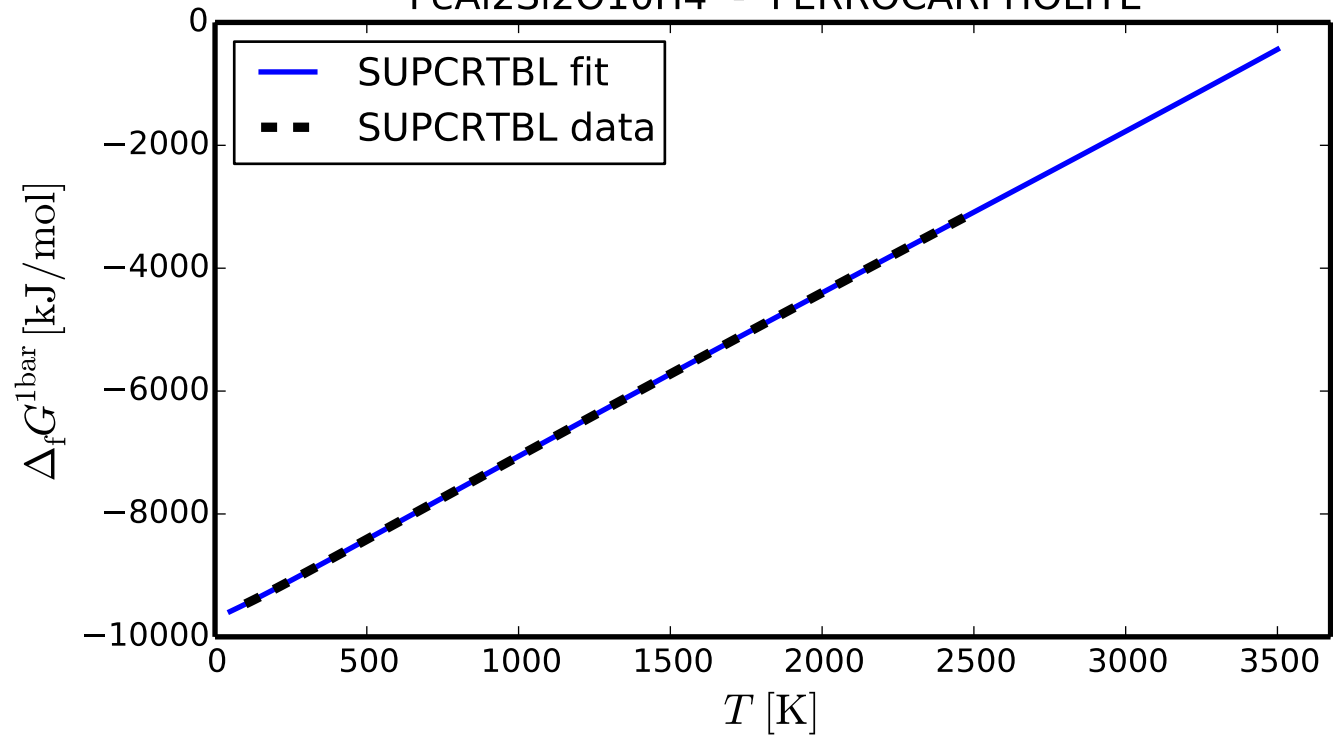


## CaMgC2O6 - DOLOMITE

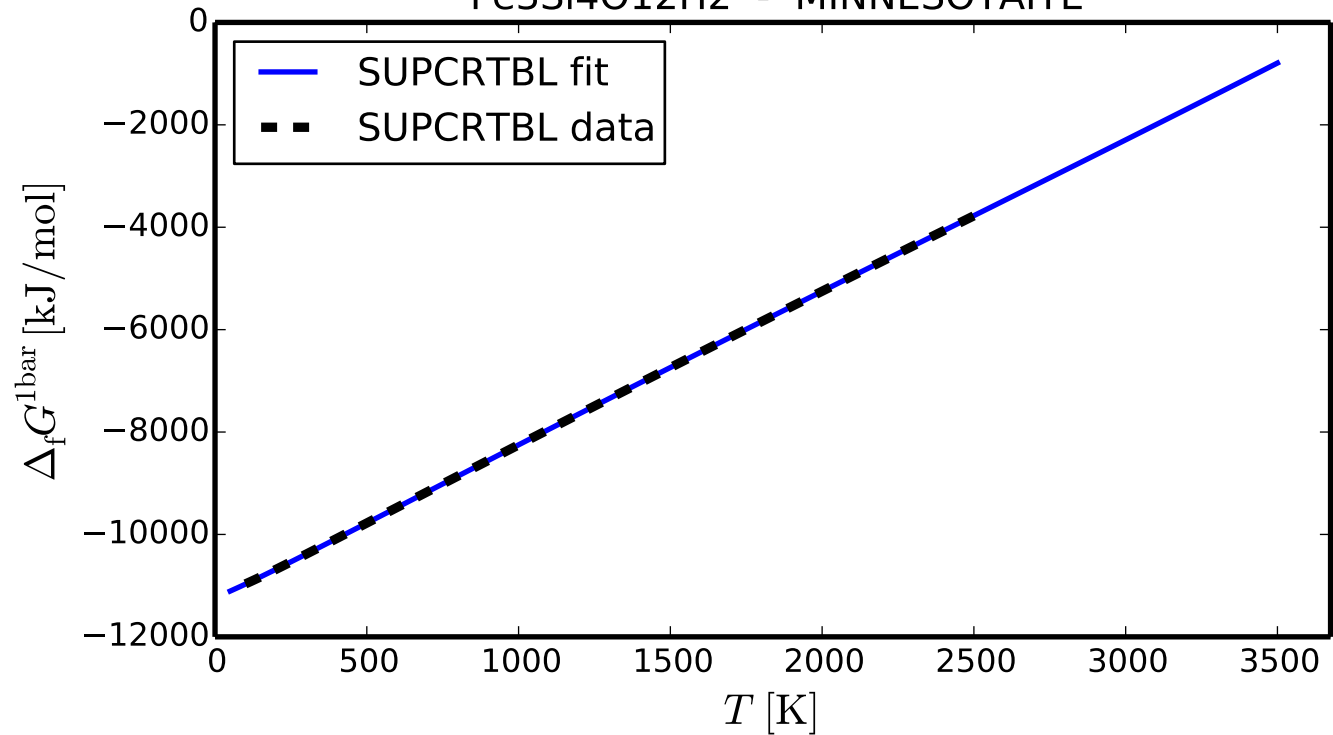




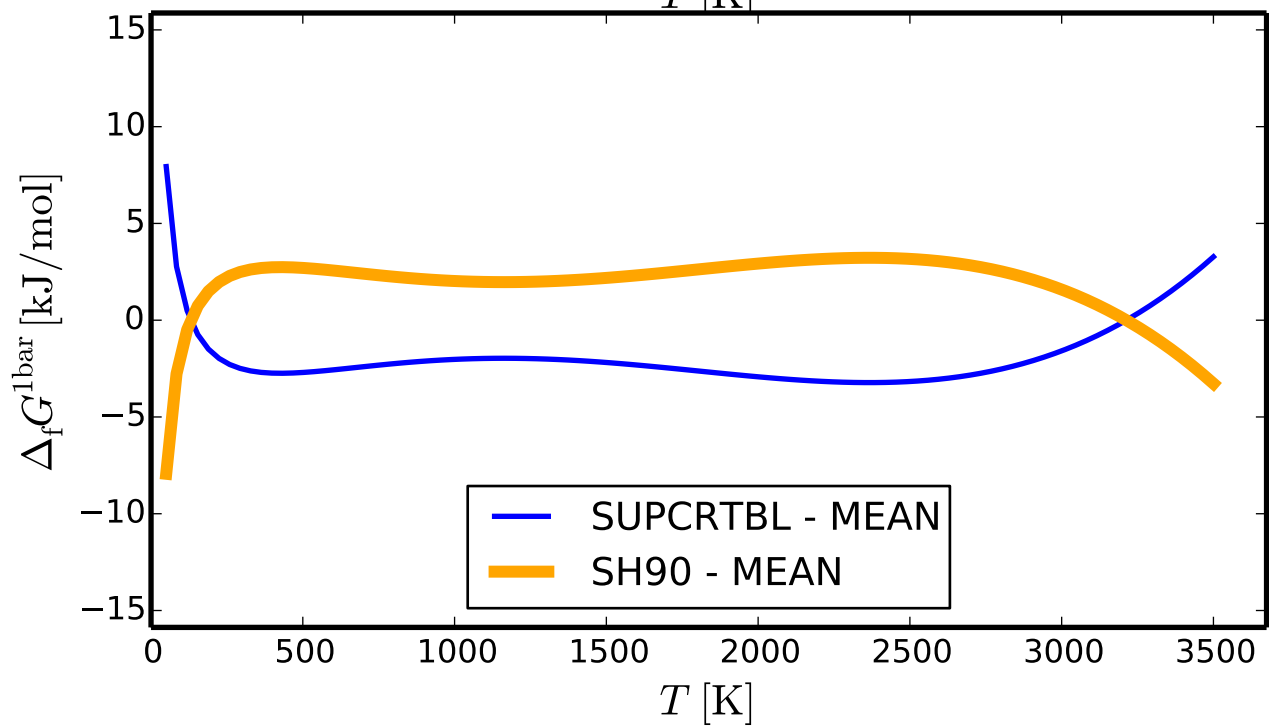
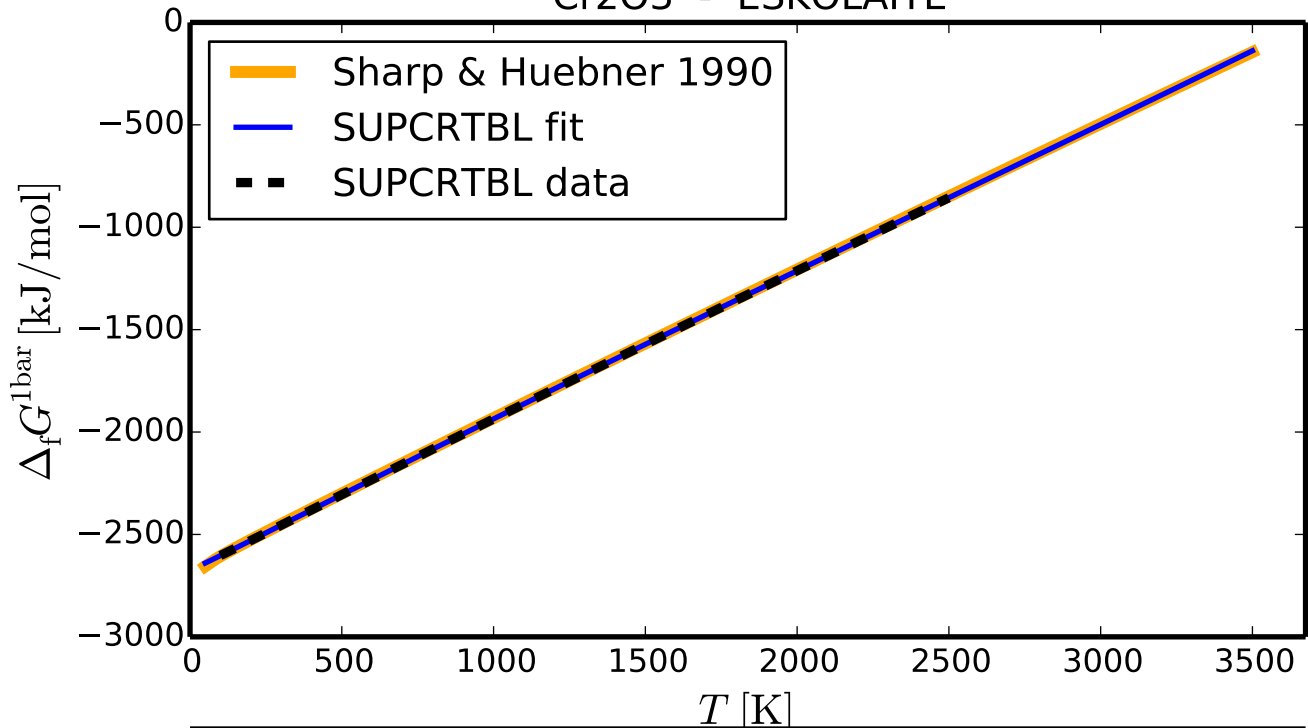
CaAl<sub>2</sub>Si<sub>4</sub>O<sub>16</sub>H<sub>8</sub> - LAUMONTITE

FeAl<sub>2</sub>Si<sub>2</sub>O<sub>10</sub>H<sub>4</sub> - FERROCARPHOLITE

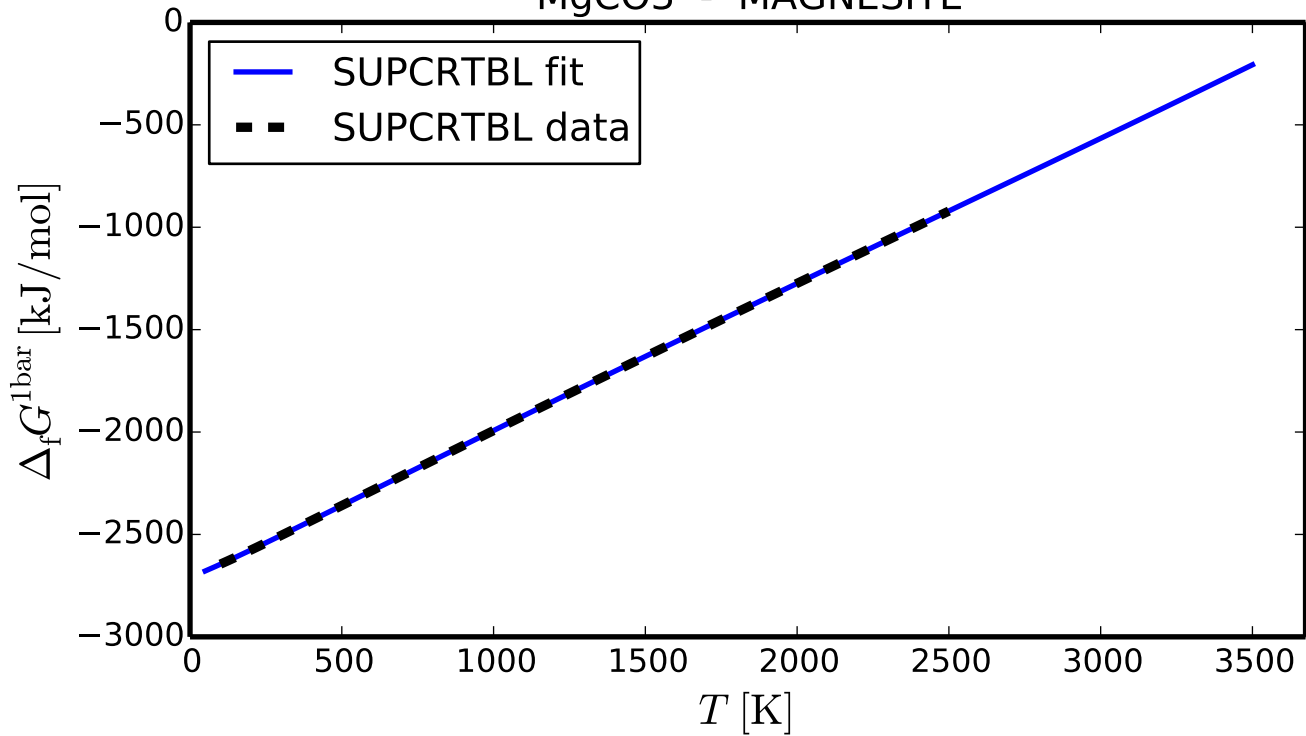
# Fe3Si4O12H2 - MINNESOTAITE



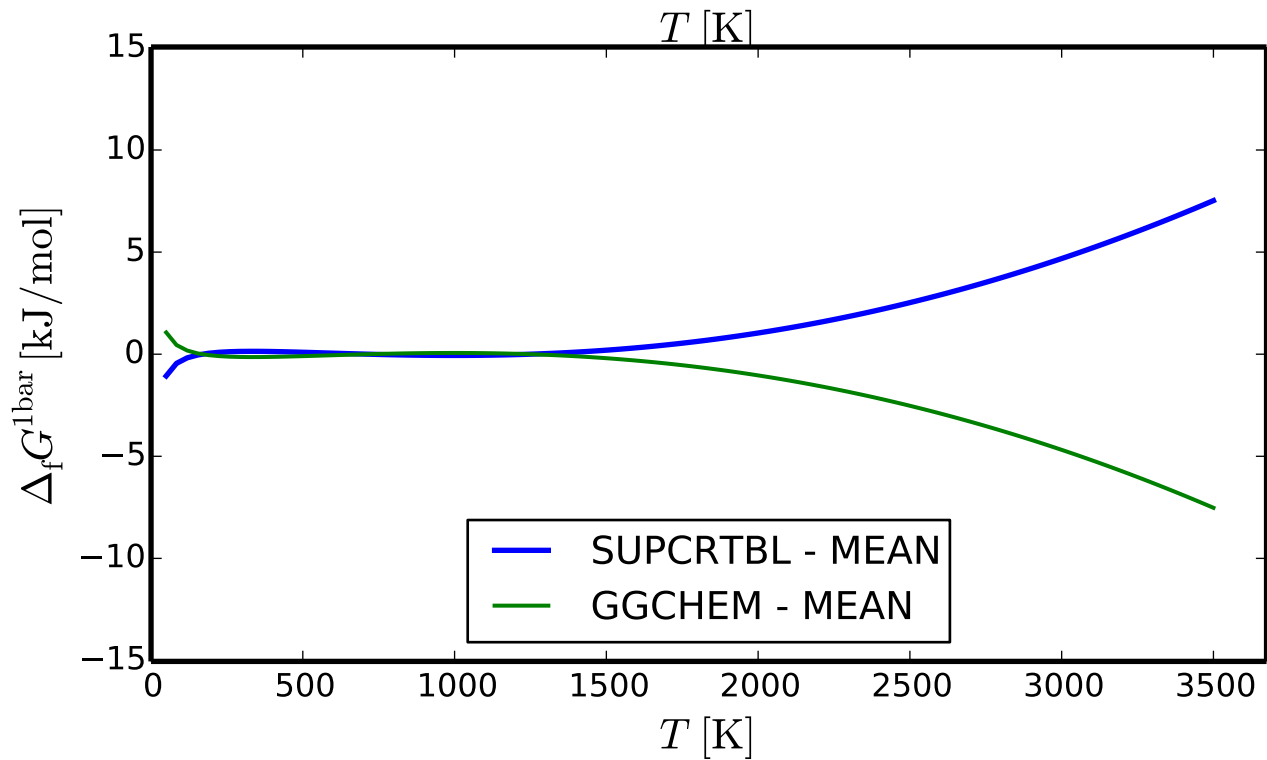
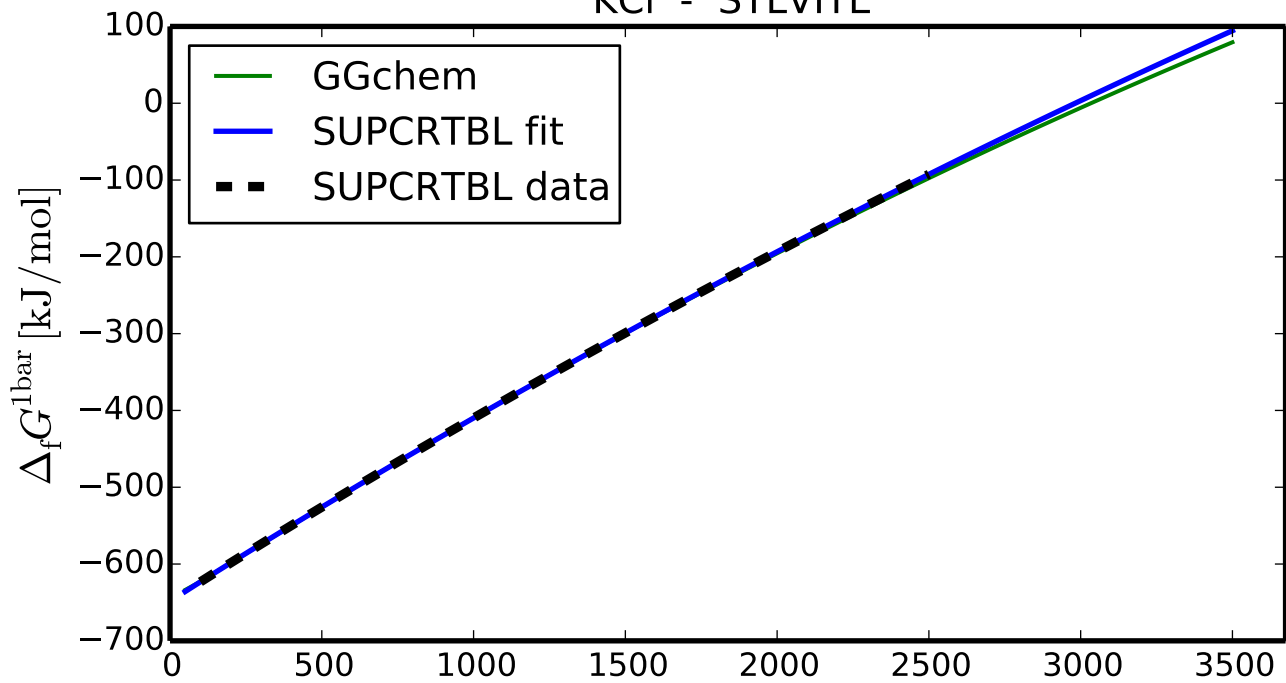
## Cr2O3 - ESKOLAITE

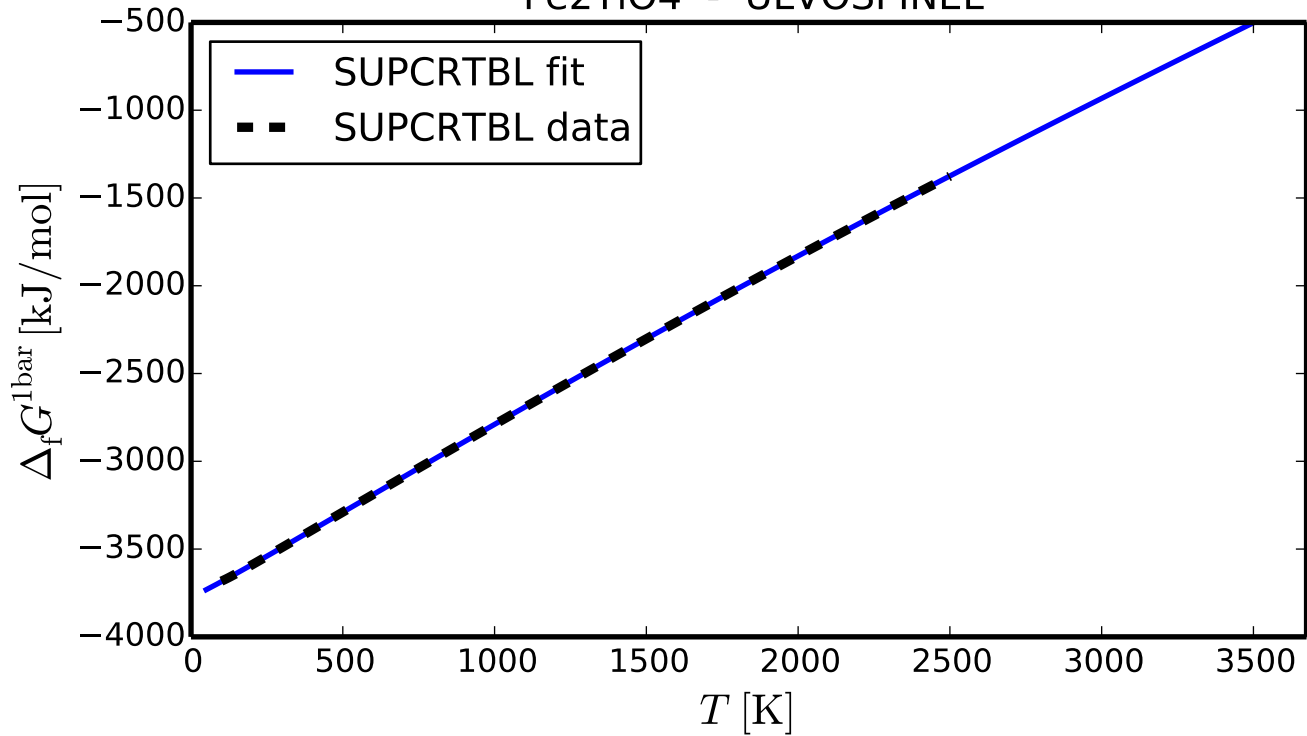


# MgCO3 - MAGNESITE

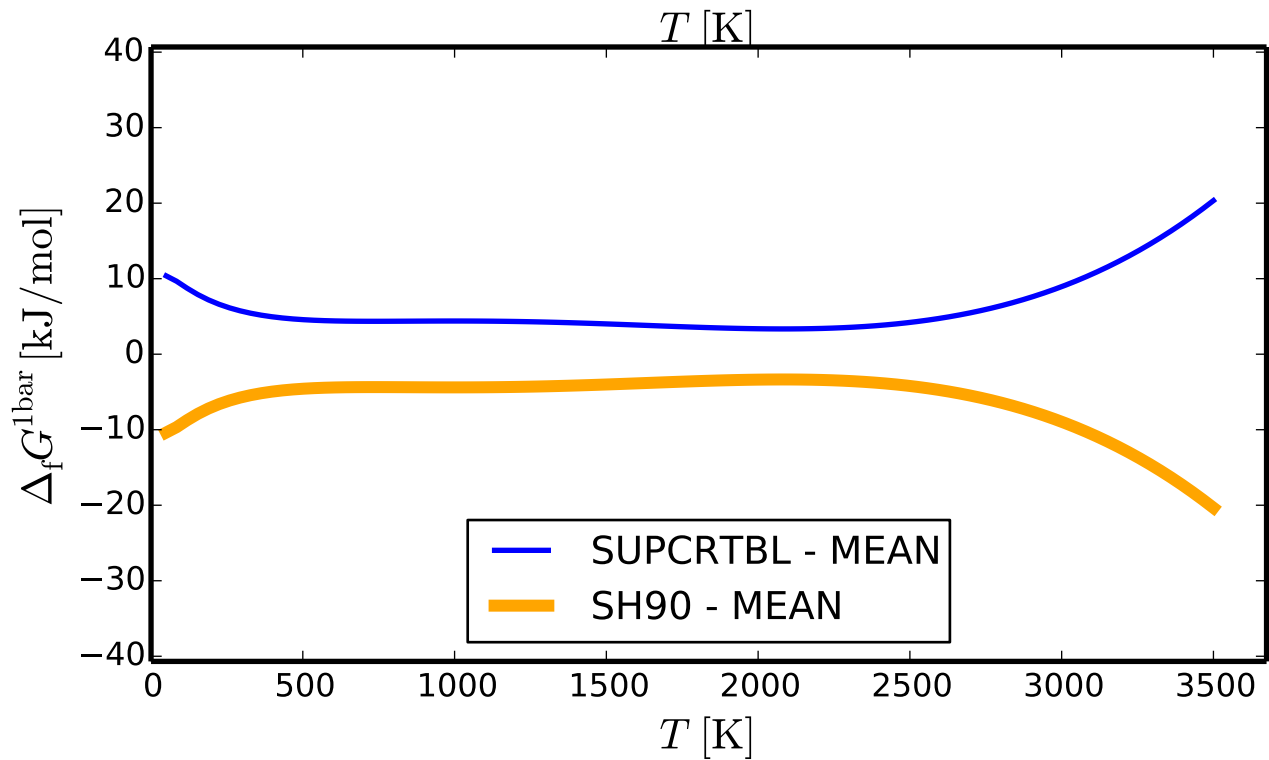
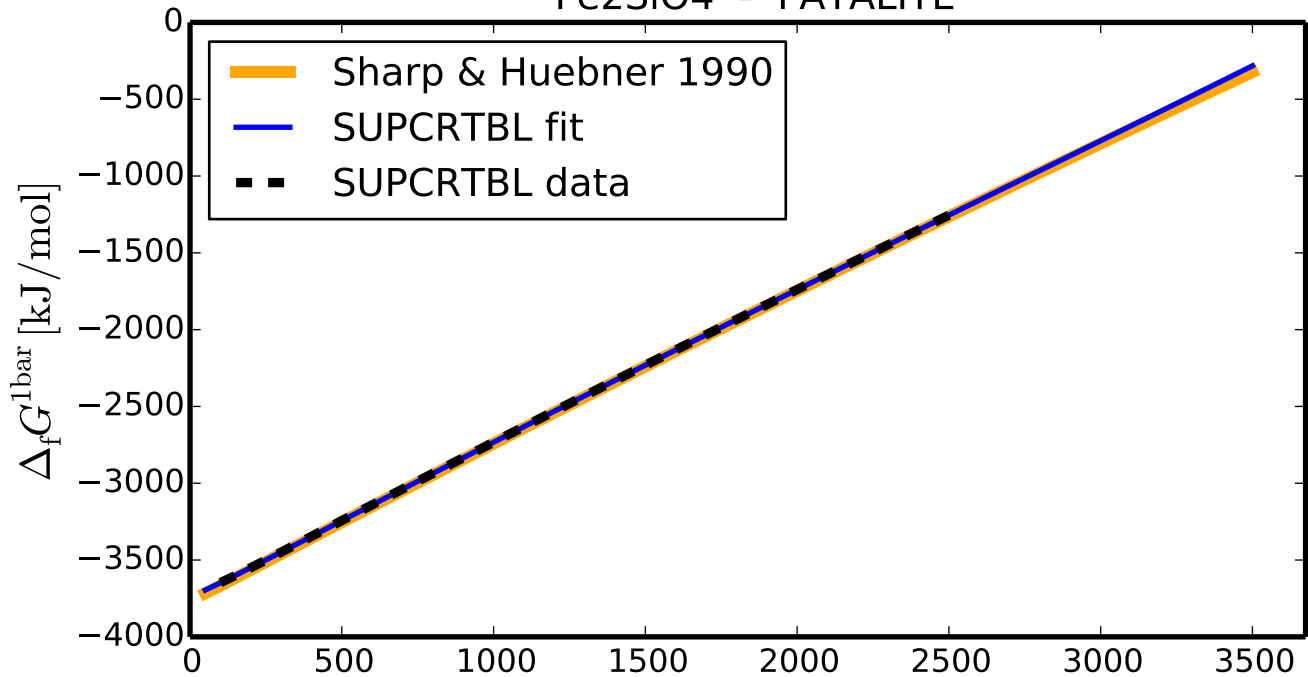


## KCl - SYLVITE



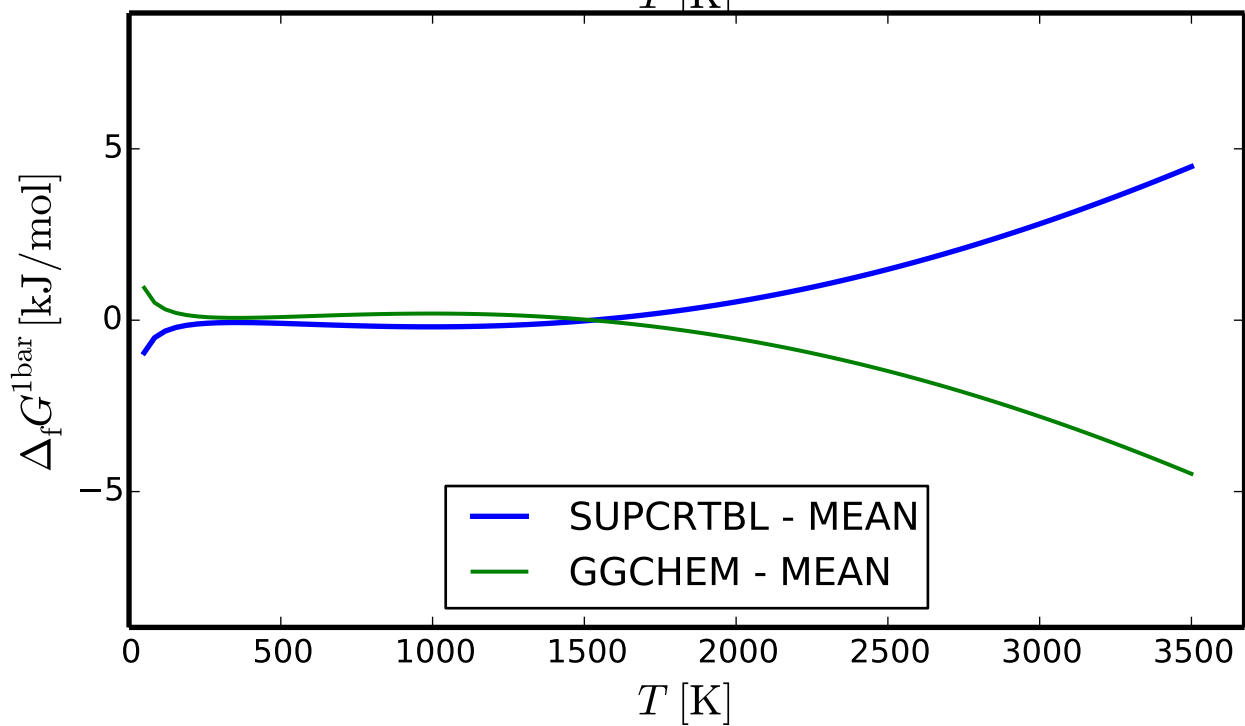
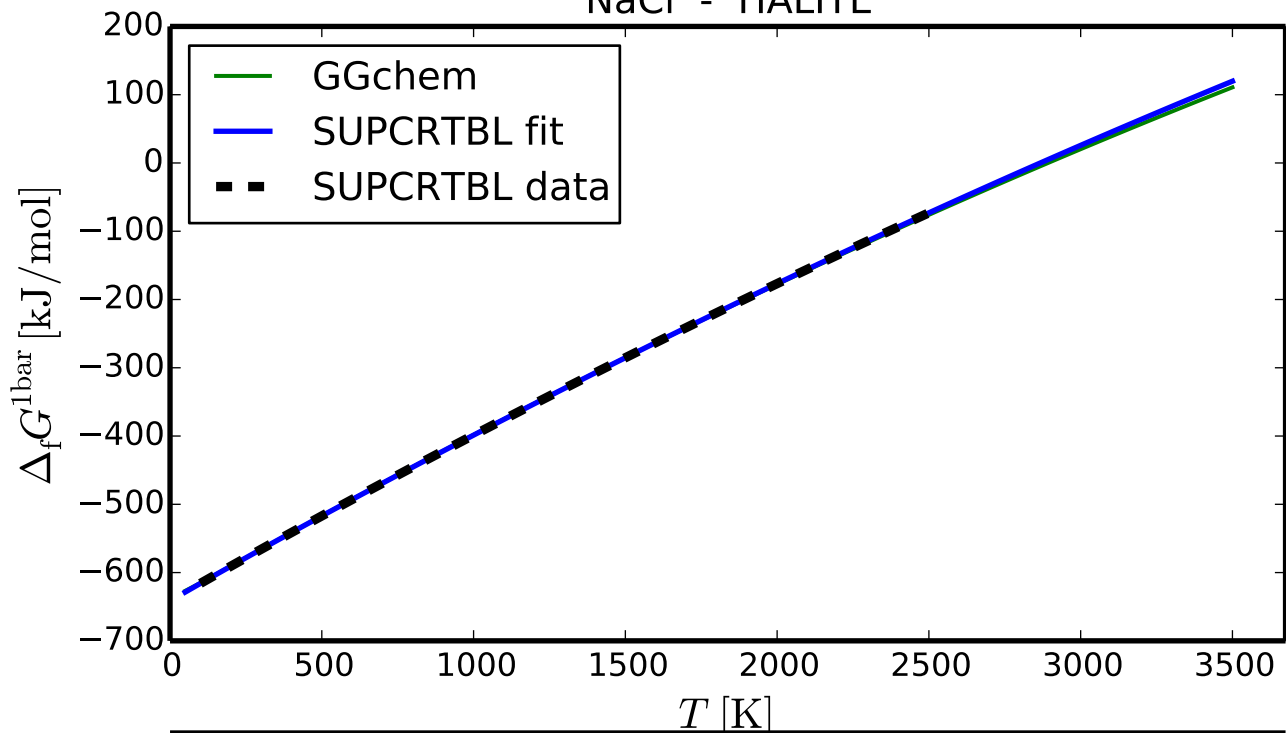
Fe<sub>2</sub>TiO<sub>4</sub> - ULVOSPINEL

## Fe2SiO4 - FAYALITE

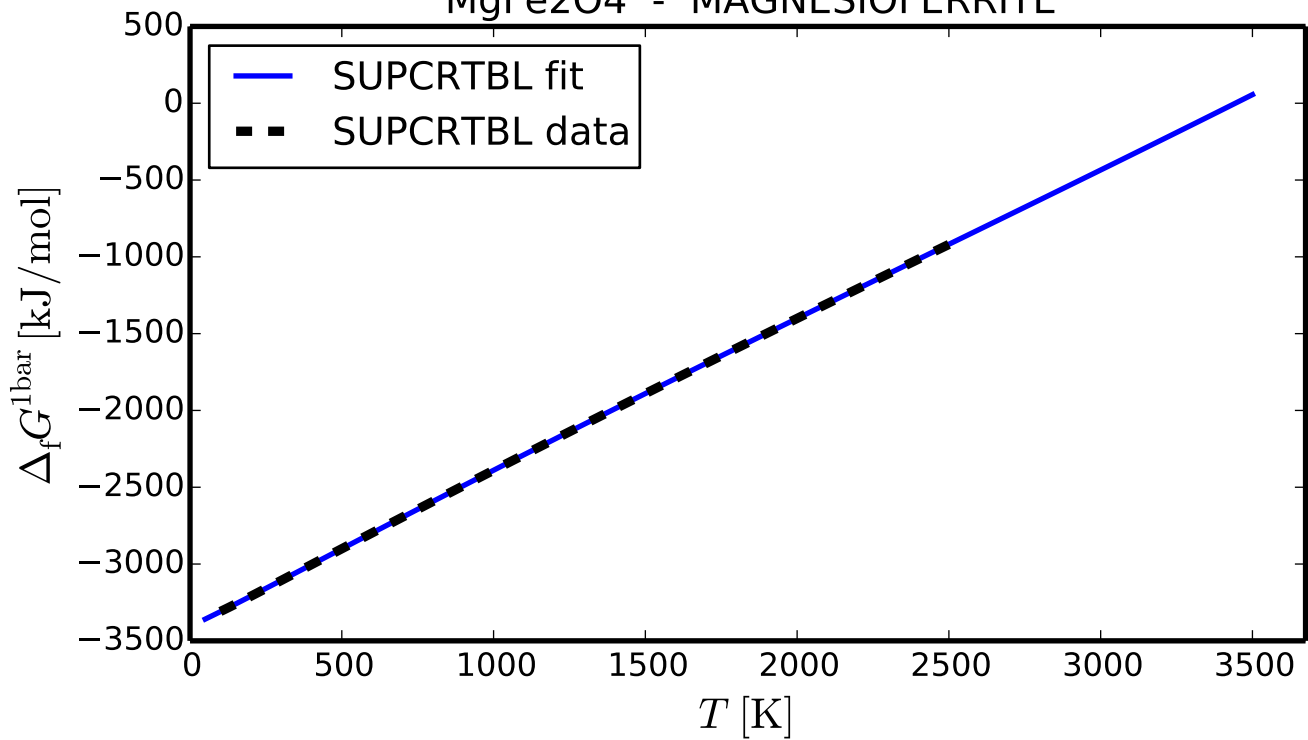




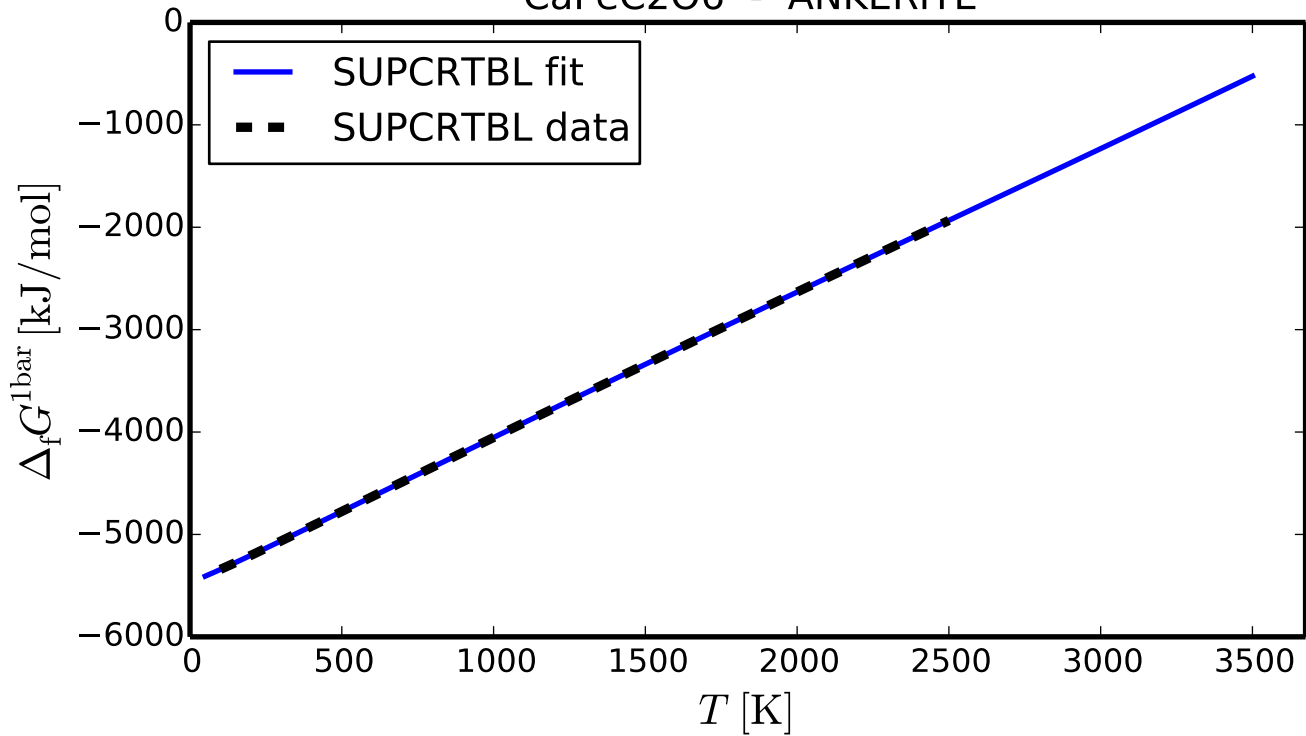
## NaCl - HALITE



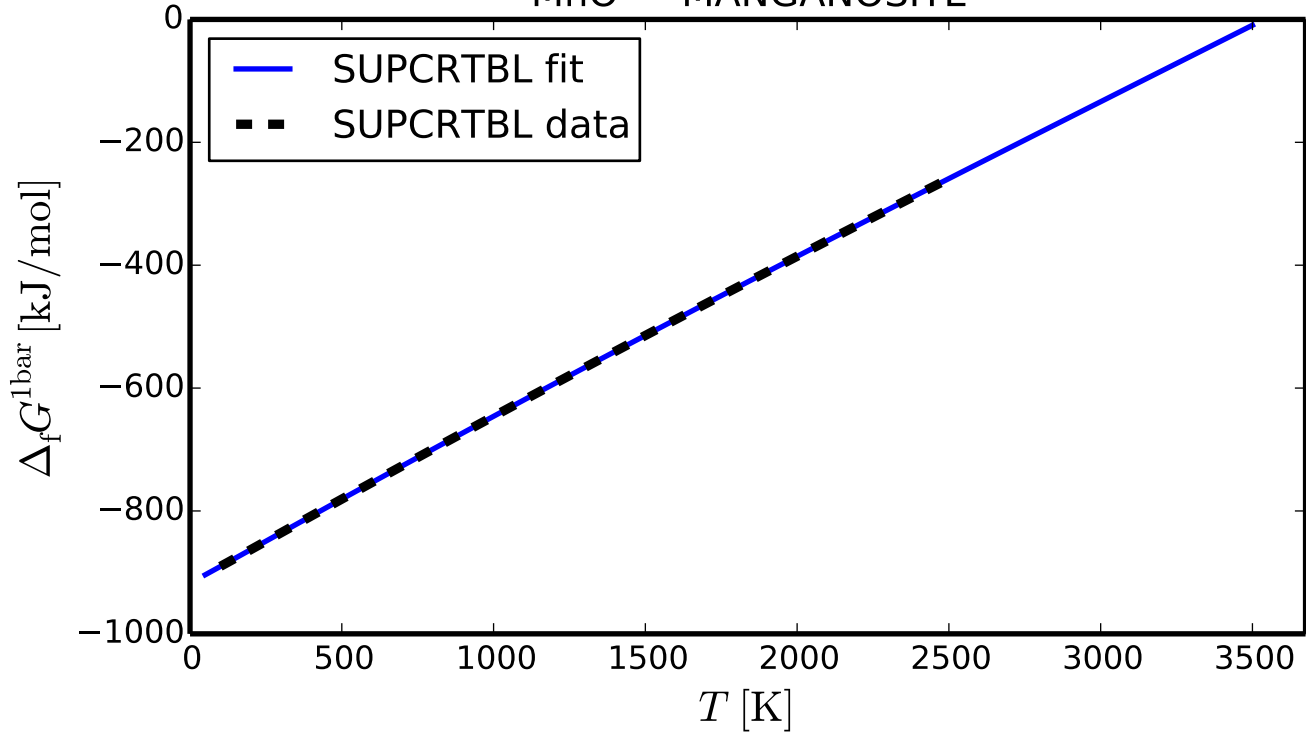
# MgFe2O4 - MAGNESIOFERRITE

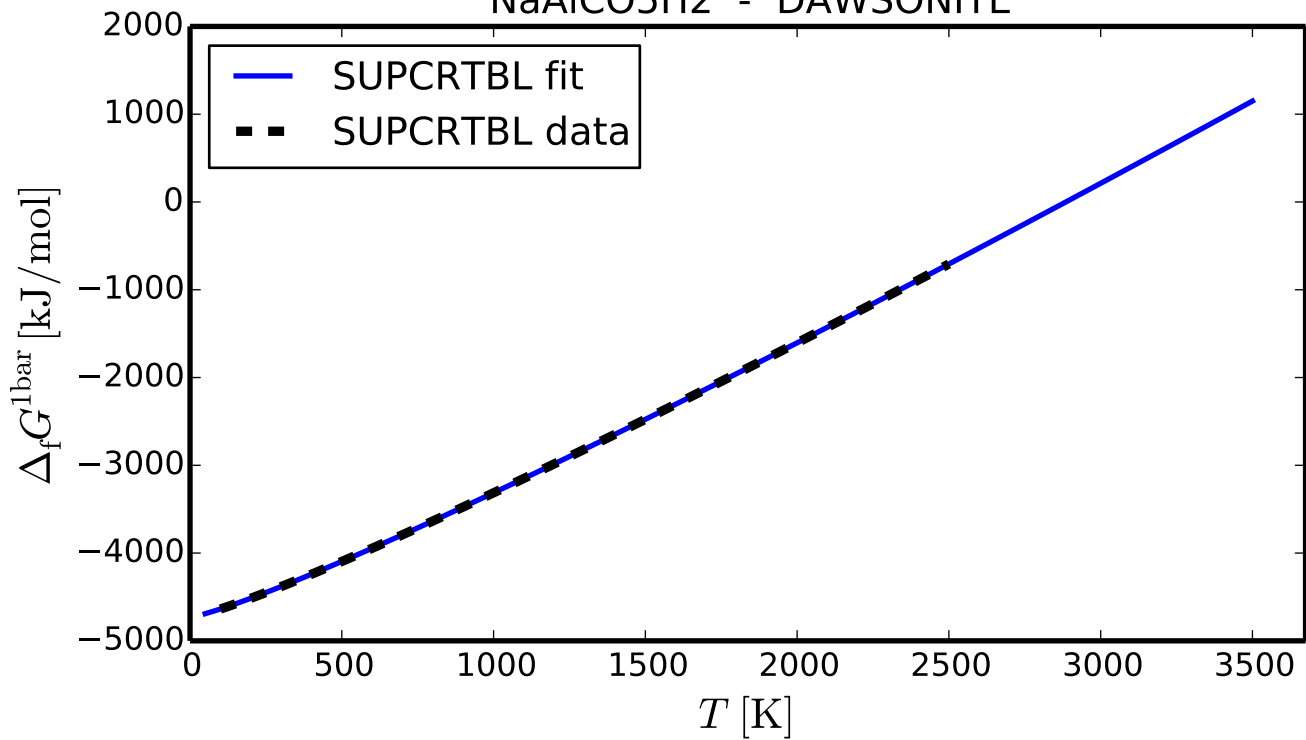


## CaFeC2O6 - ANKERITE

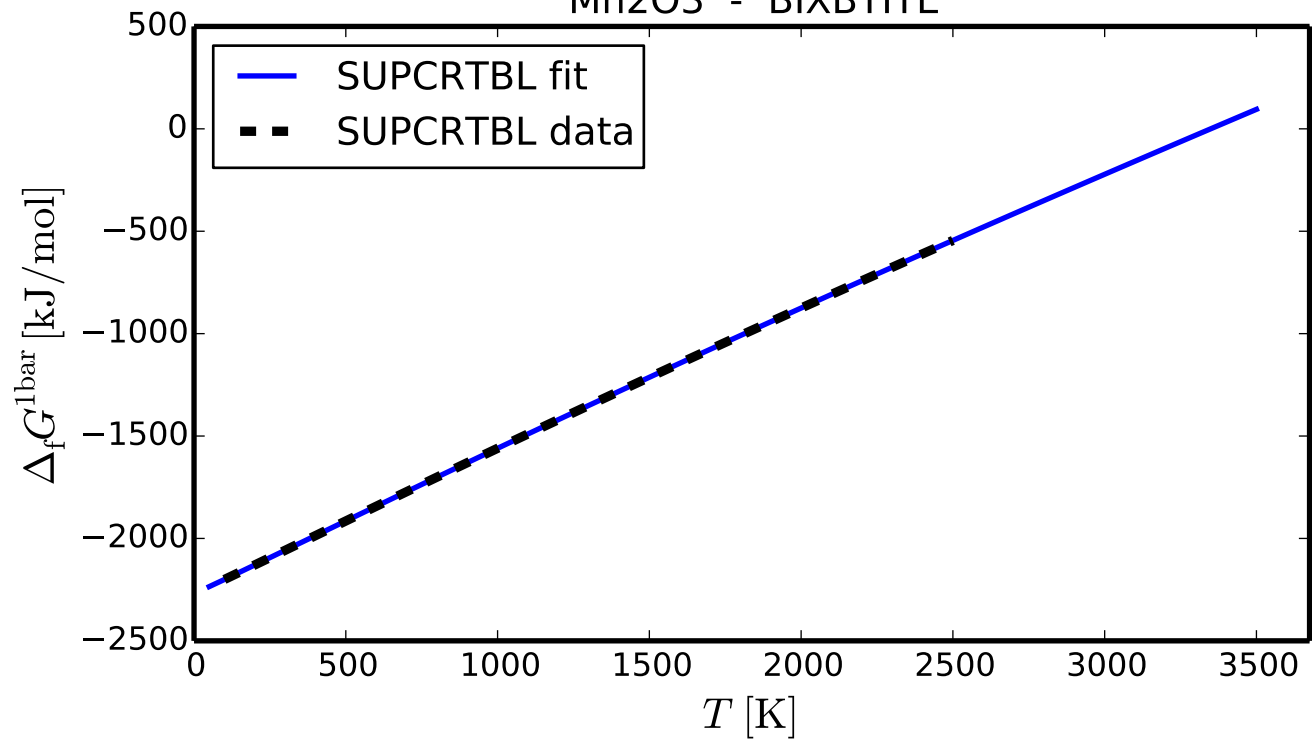


## MnO - MANGANOSITE

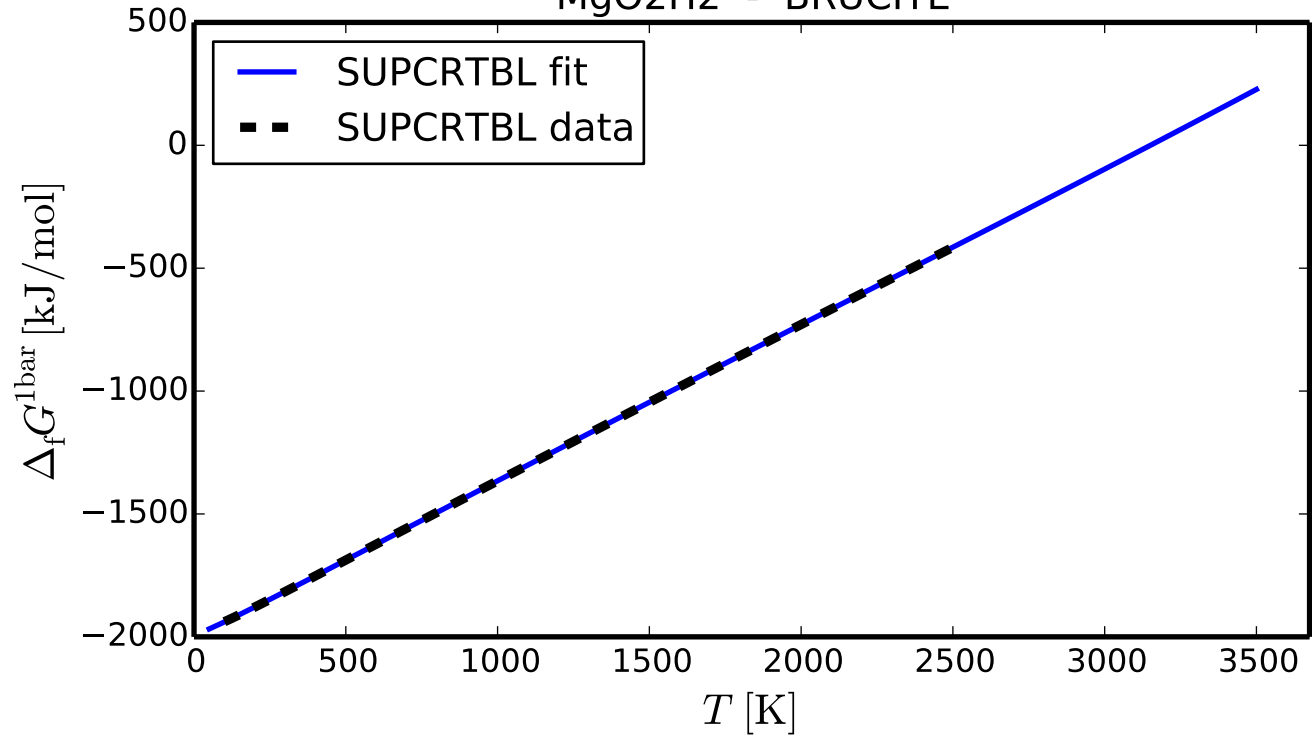


NaAlCO<sub>5</sub>H<sub>2</sub> - DAWSONITE

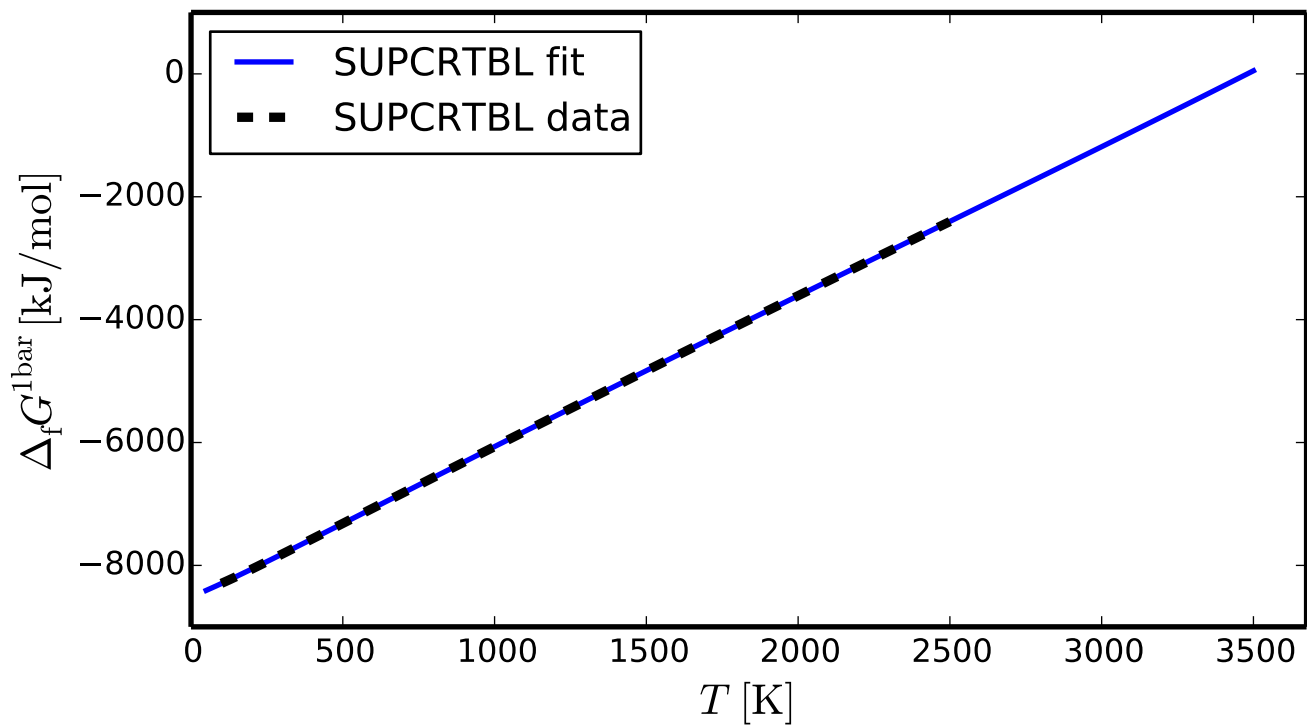
# Mn<sub>2</sub>O<sub>3</sub> - BIXBYITE



## MgO2H2 - BRUCITE

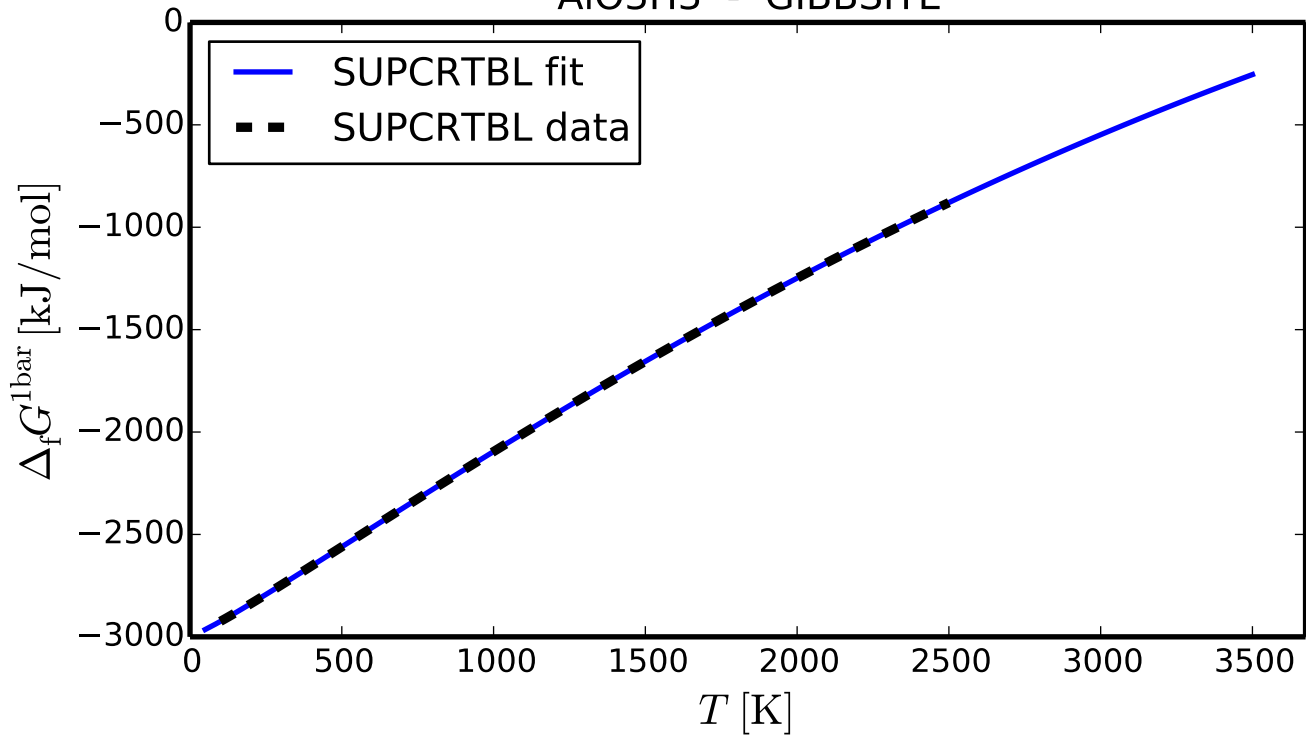


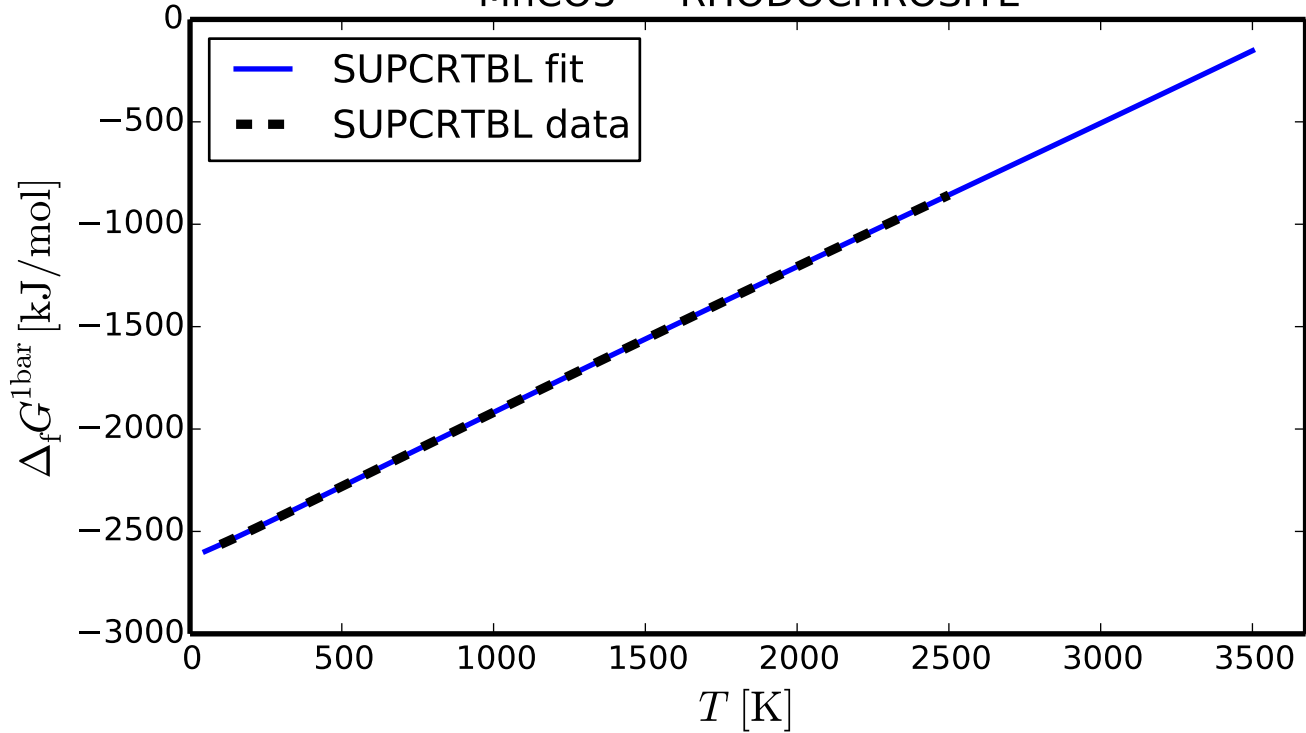
# Fe3Si2O9H4 - GREENALITE



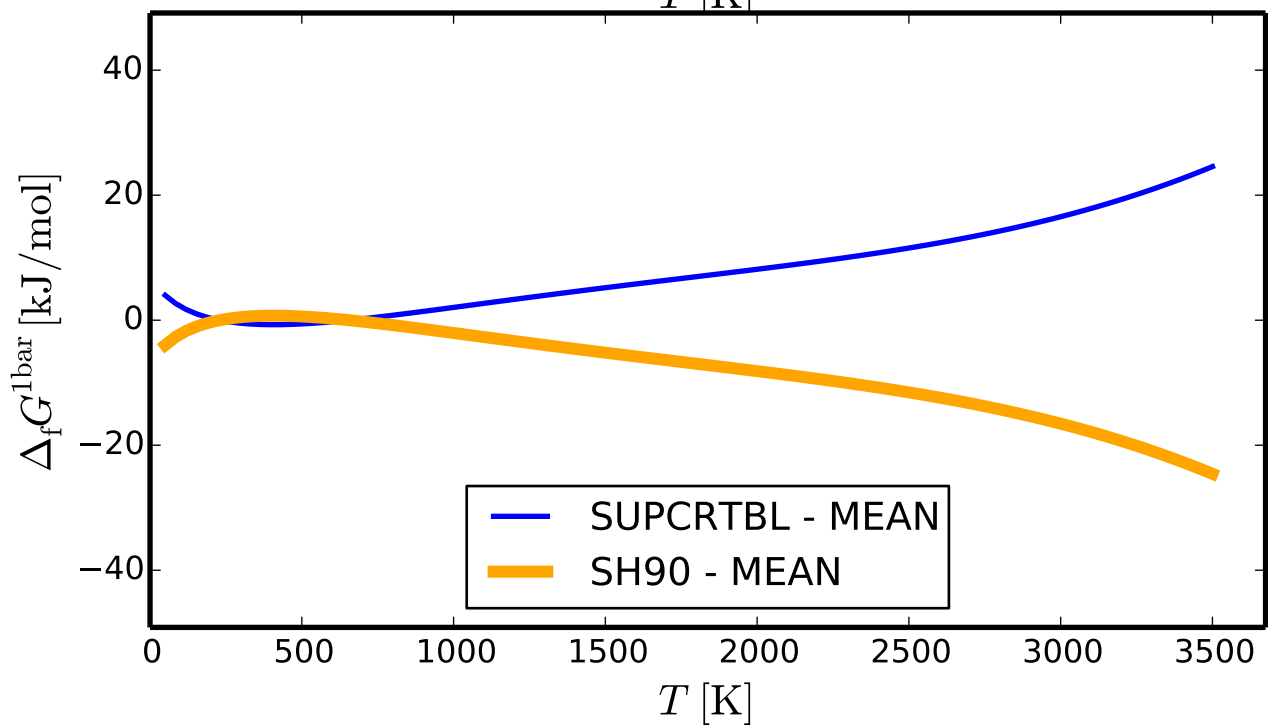
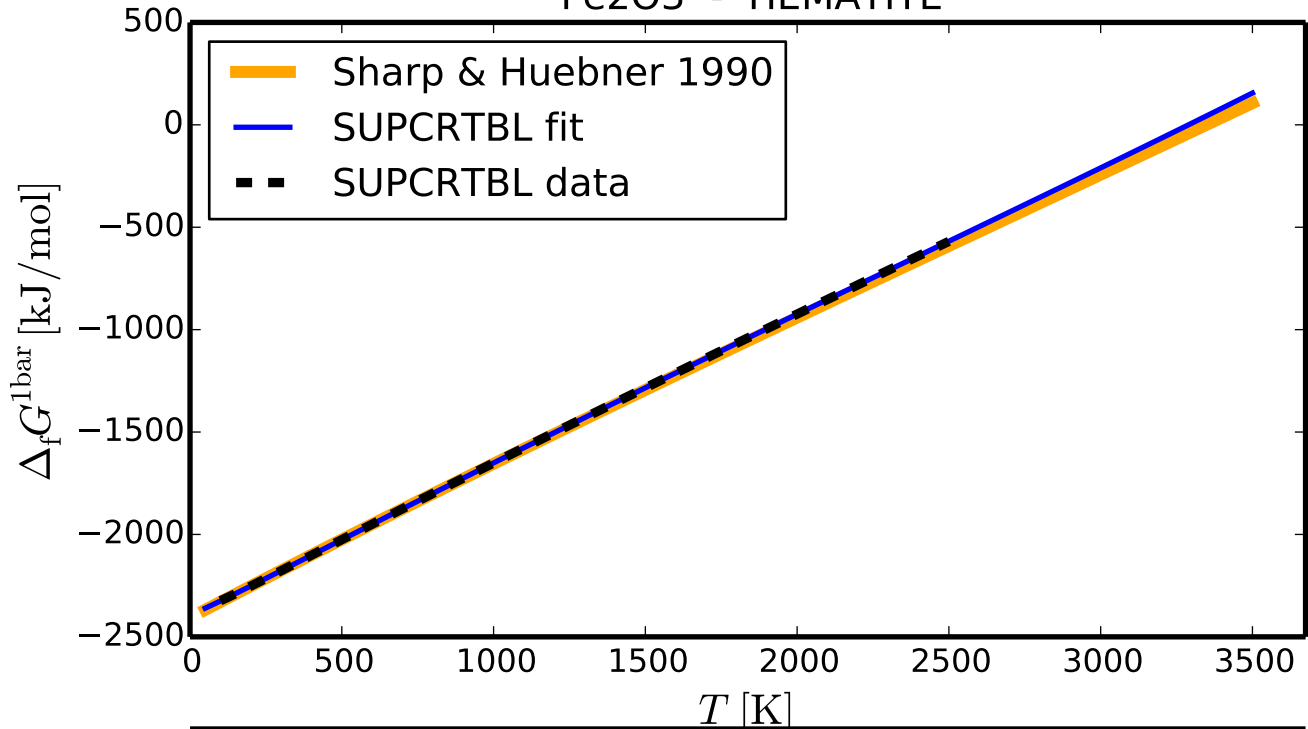


## AlO3H3 - GIBBSITE

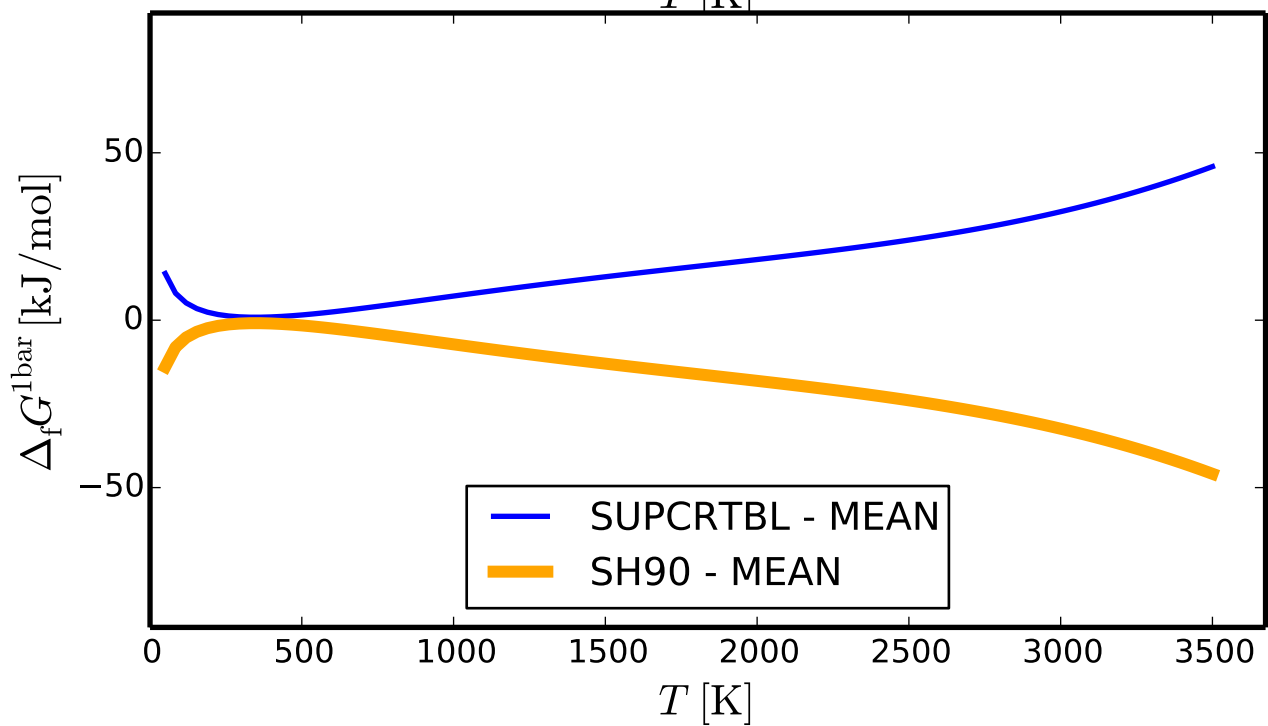
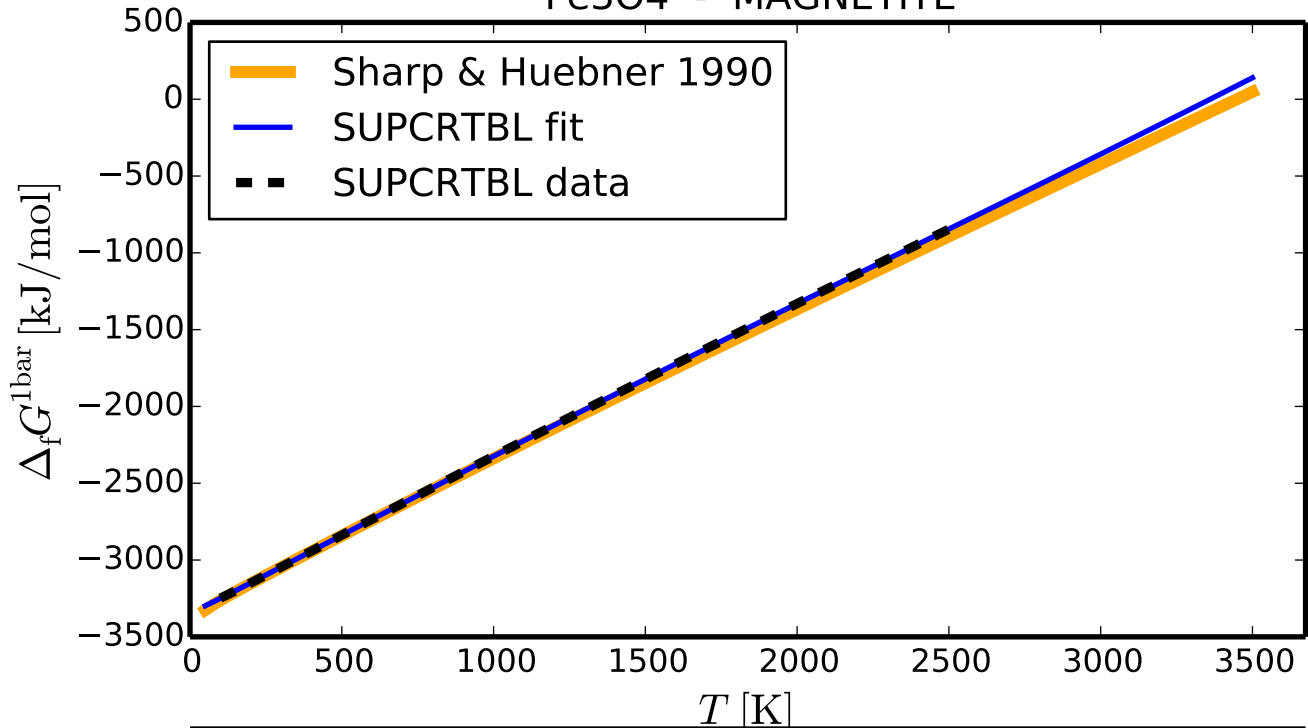


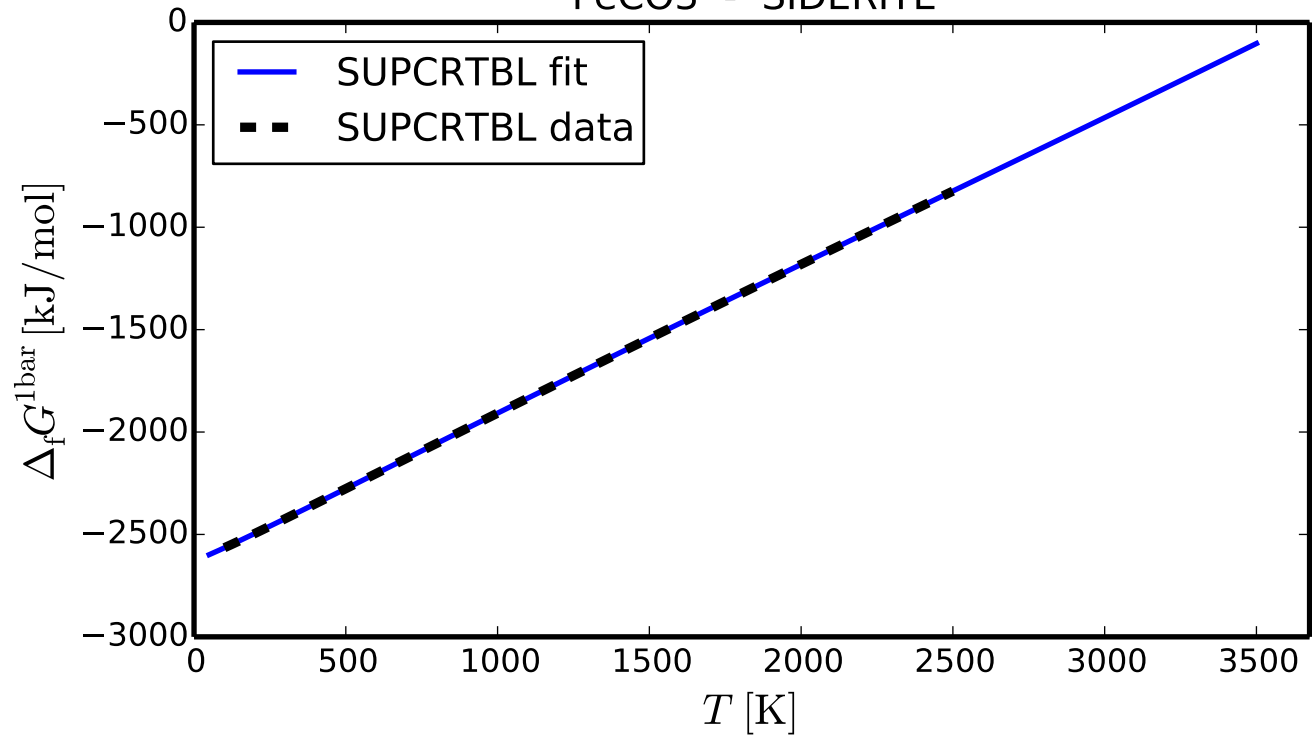
MnCO<sub>3</sub> - RHODOCHROSITE

## Fe2O3 - HEMATITE

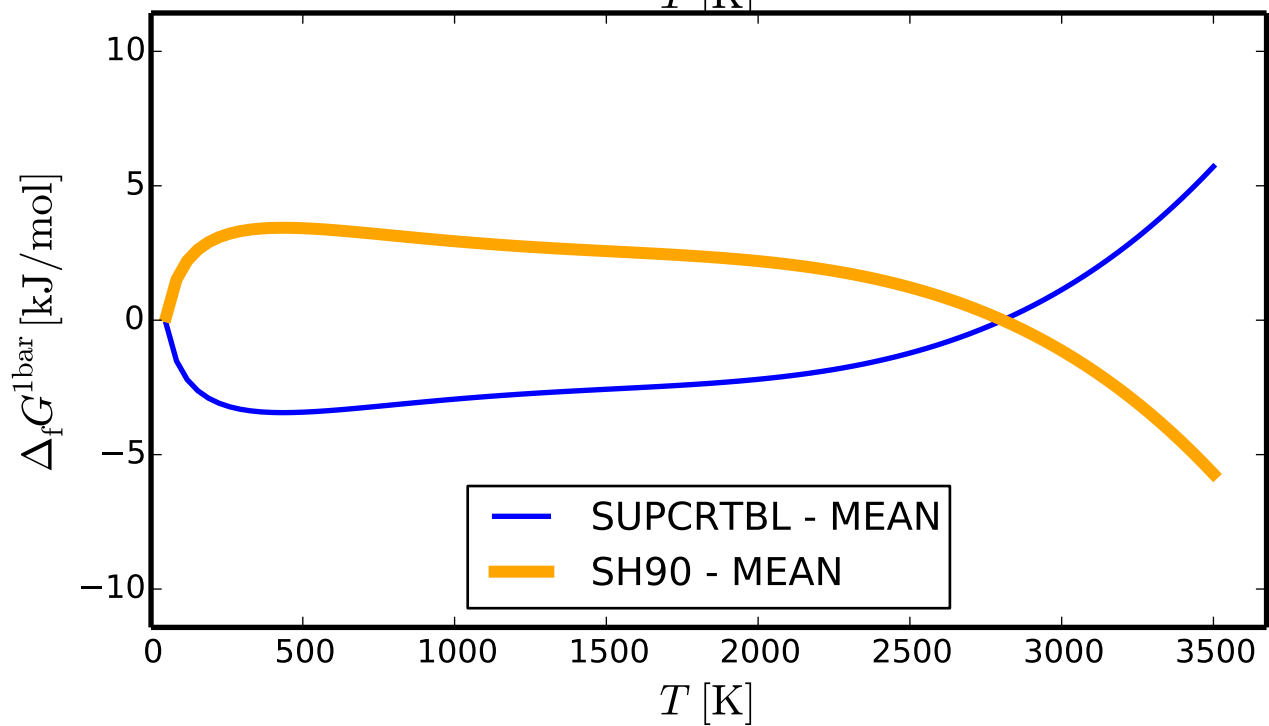
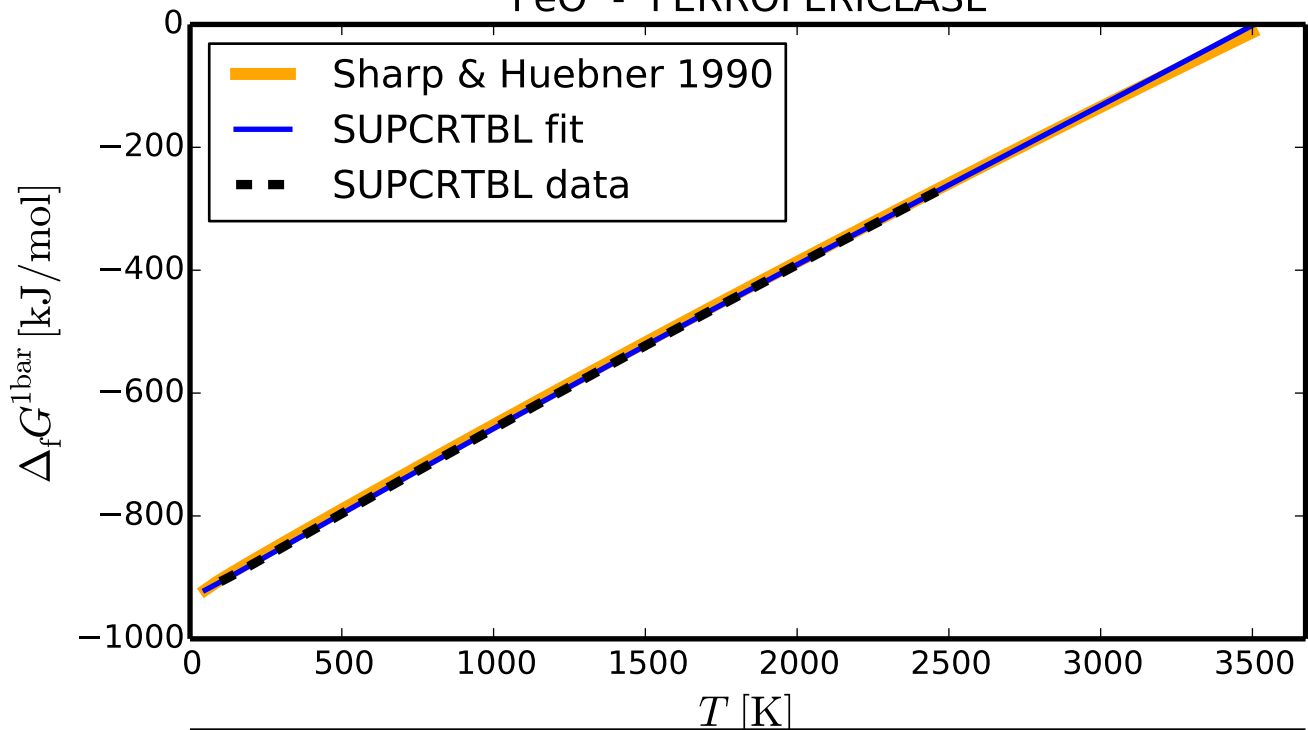


# Fe3O4 - MAGNETITE

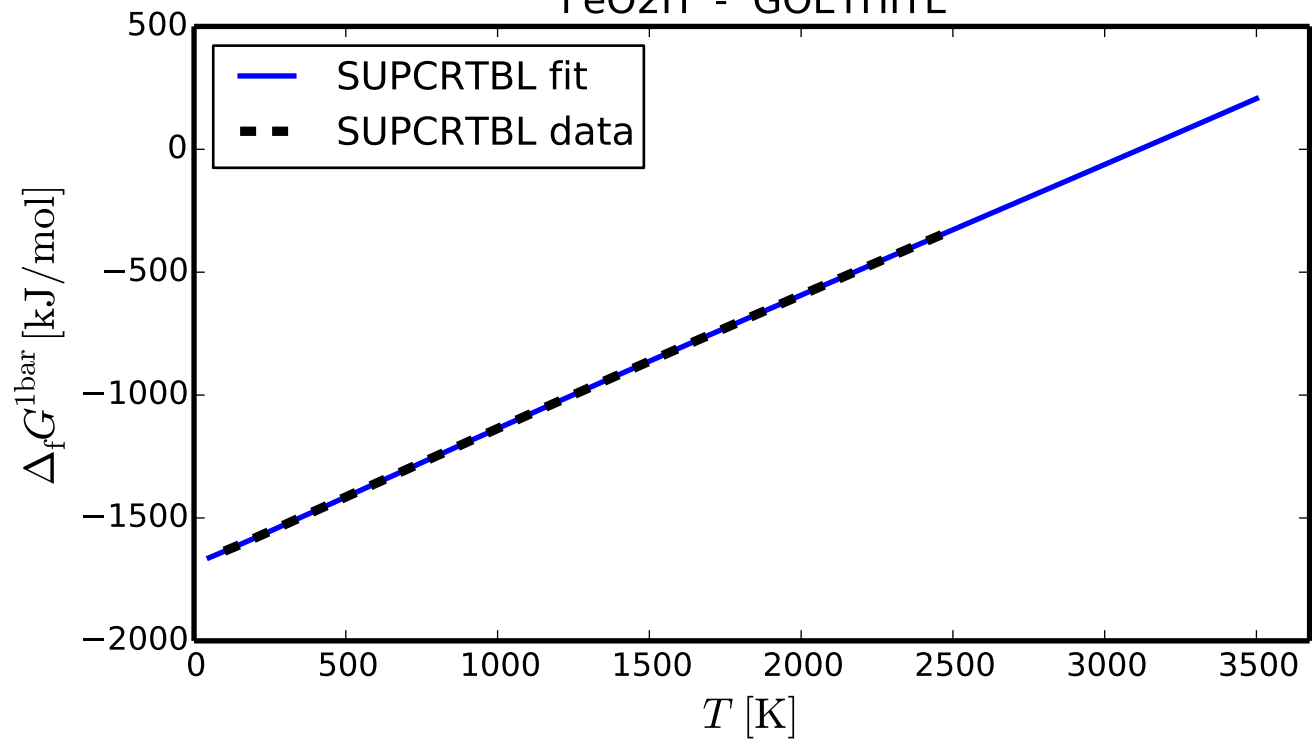


FeCO<sub>3</sub> - SIDERITE

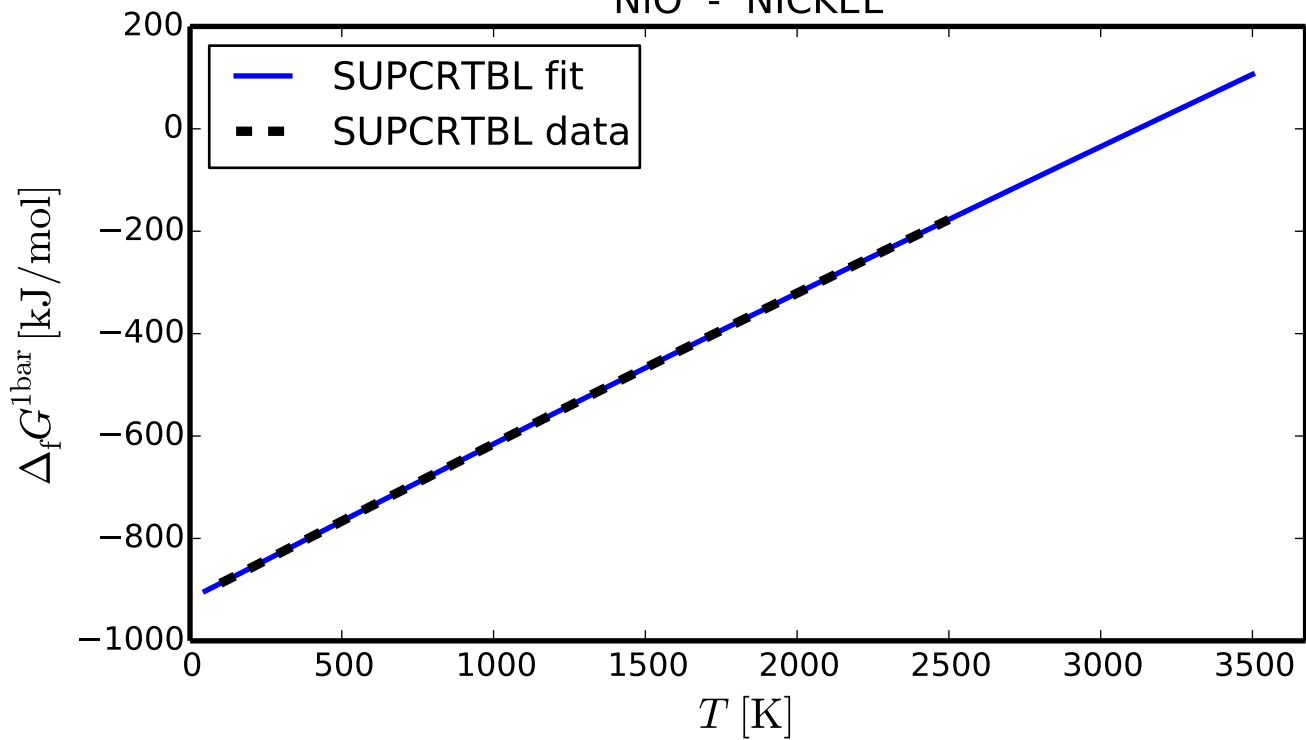
# FeO - FERROPERICLASE



## FeO2H - GOETHITE

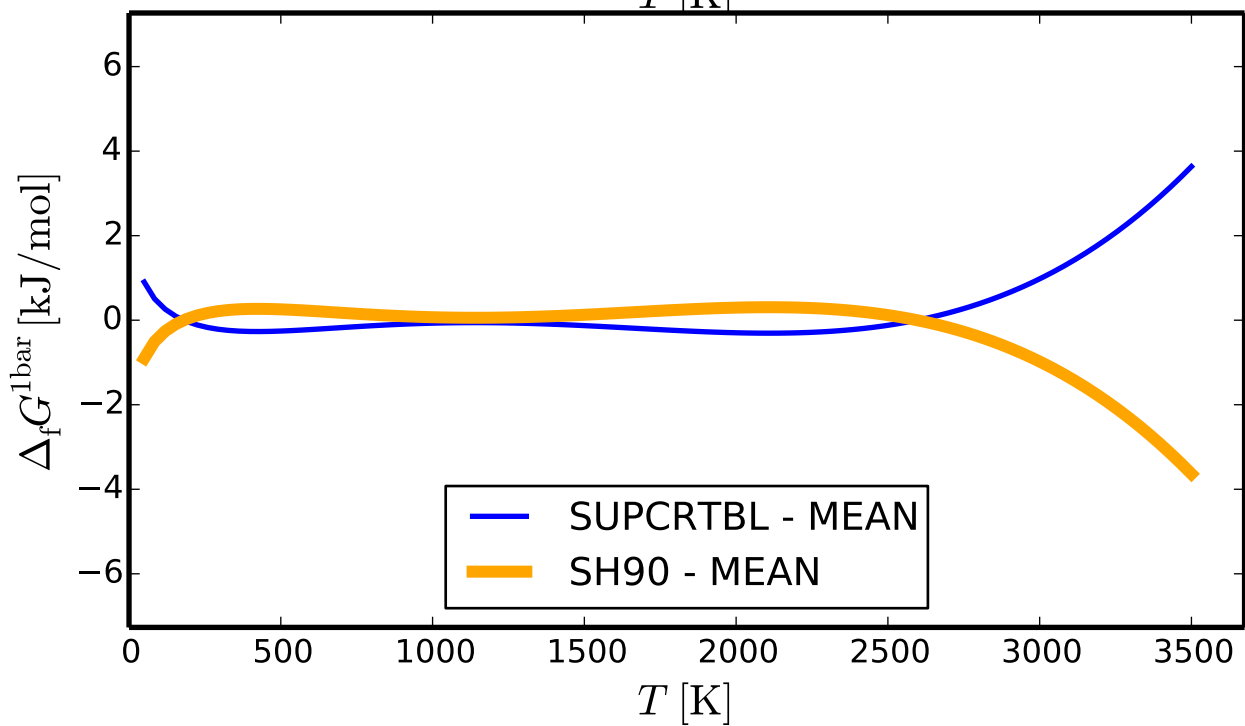
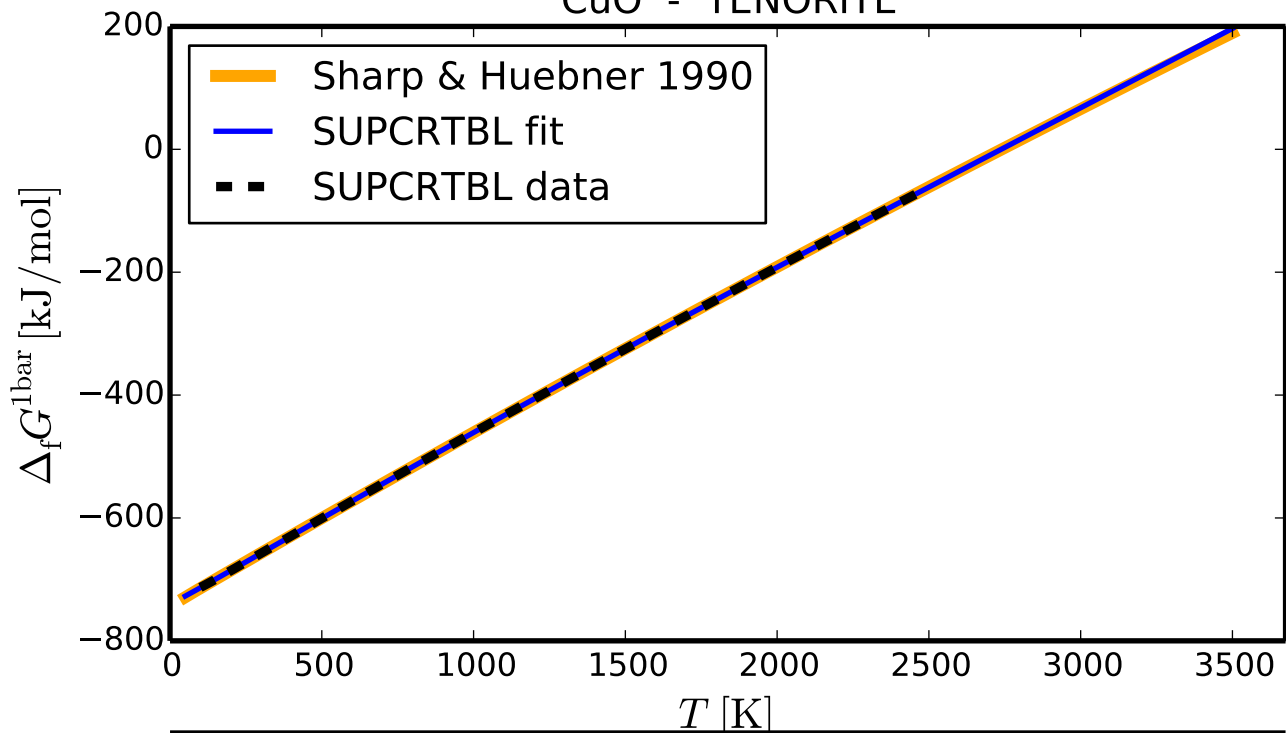


## NiO - NICKEL

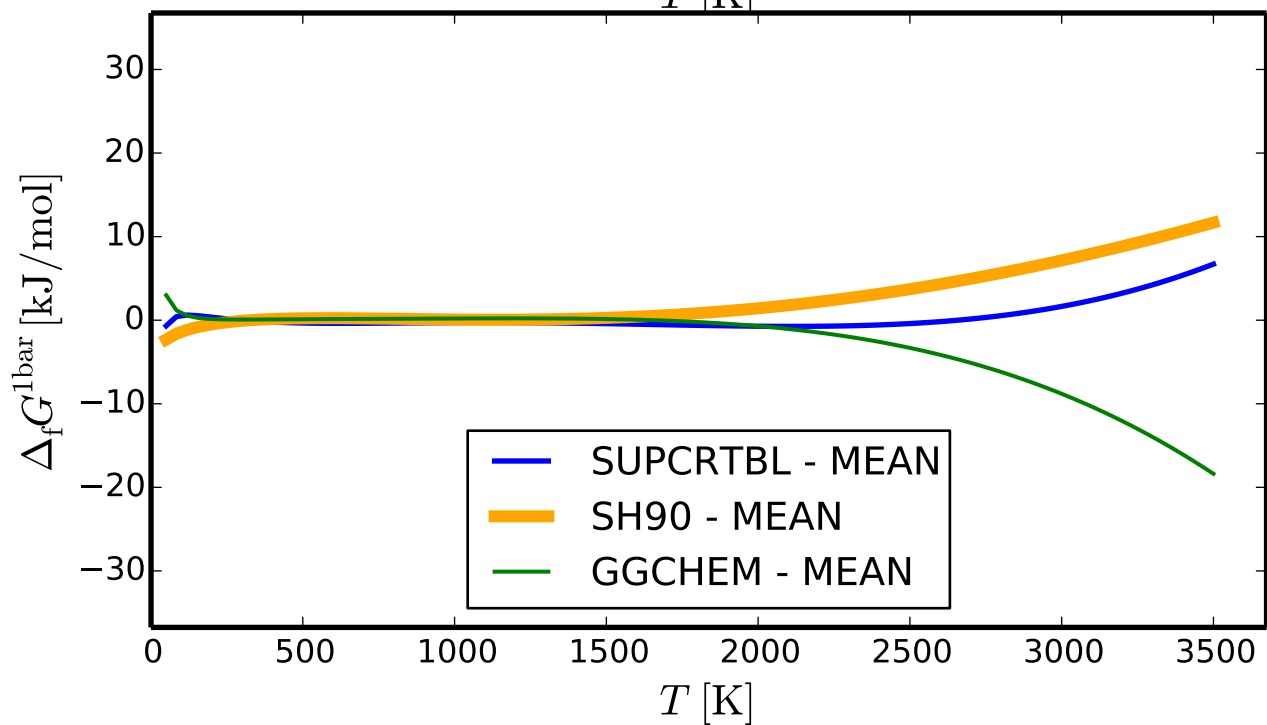
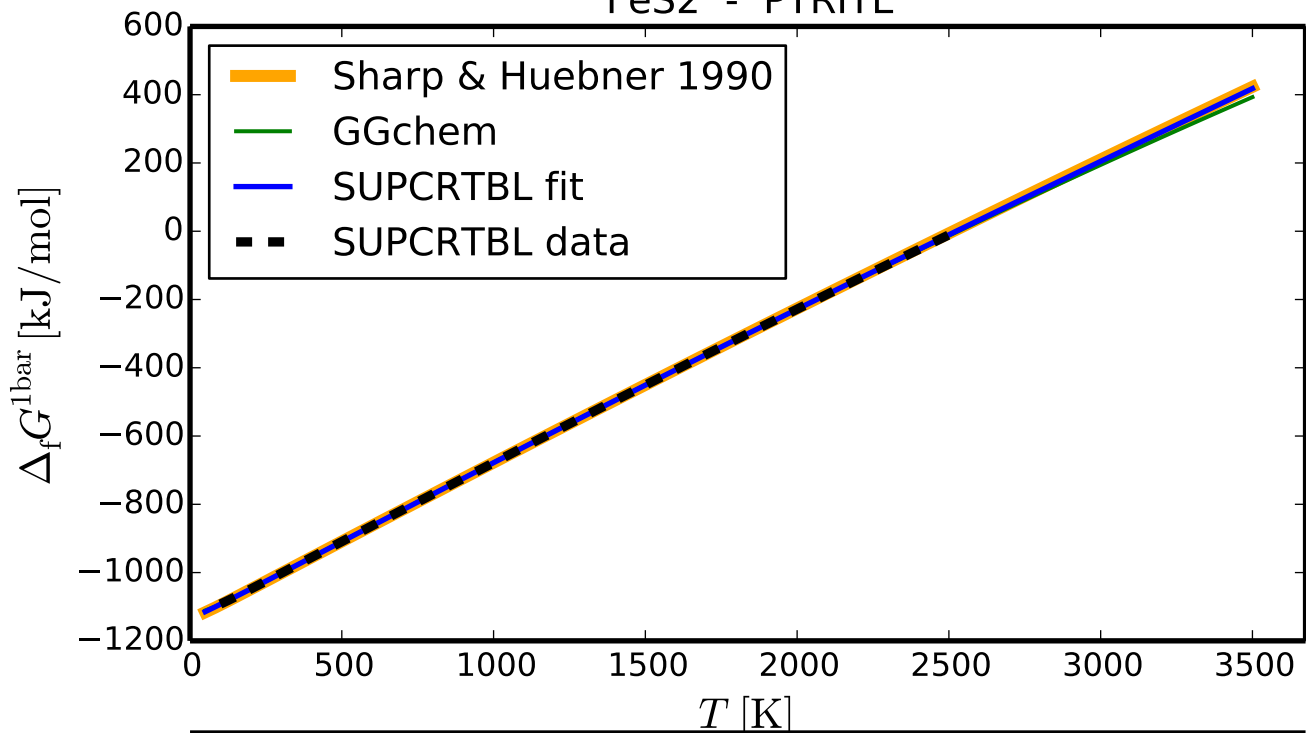




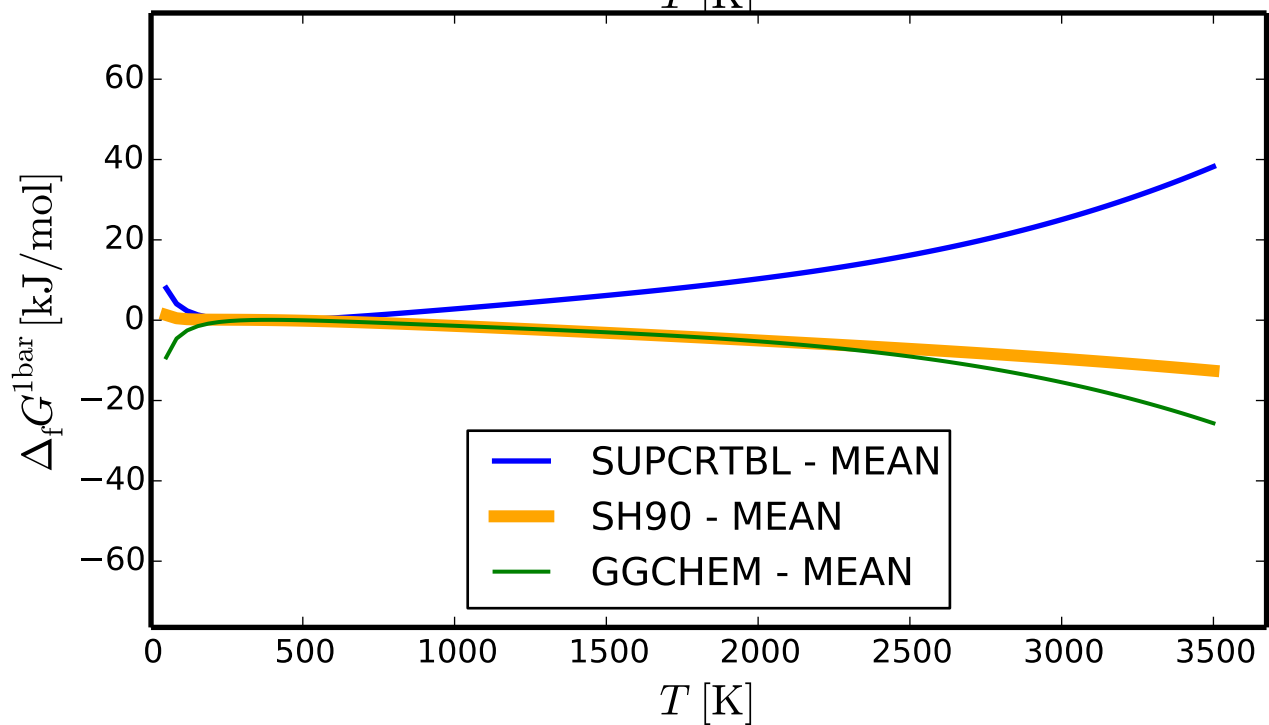
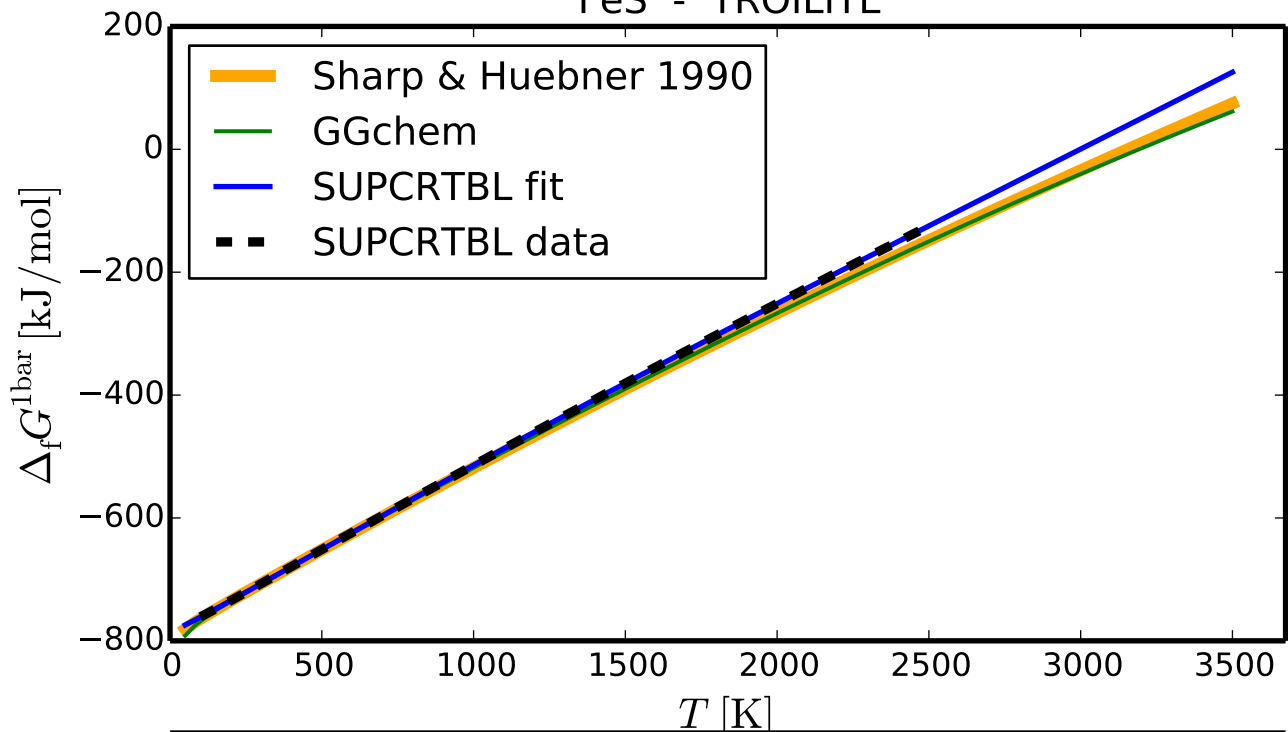
# CuO - TENORITE



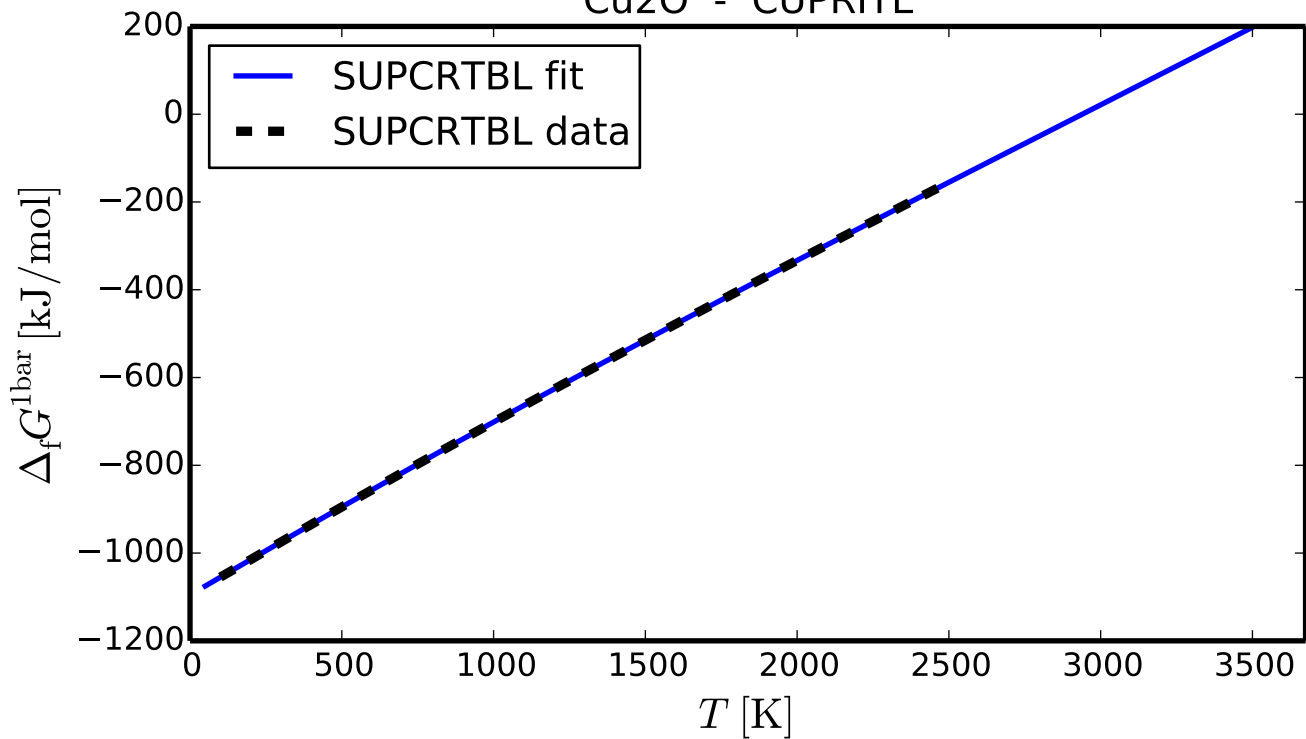
## FeS2 - PYRITE



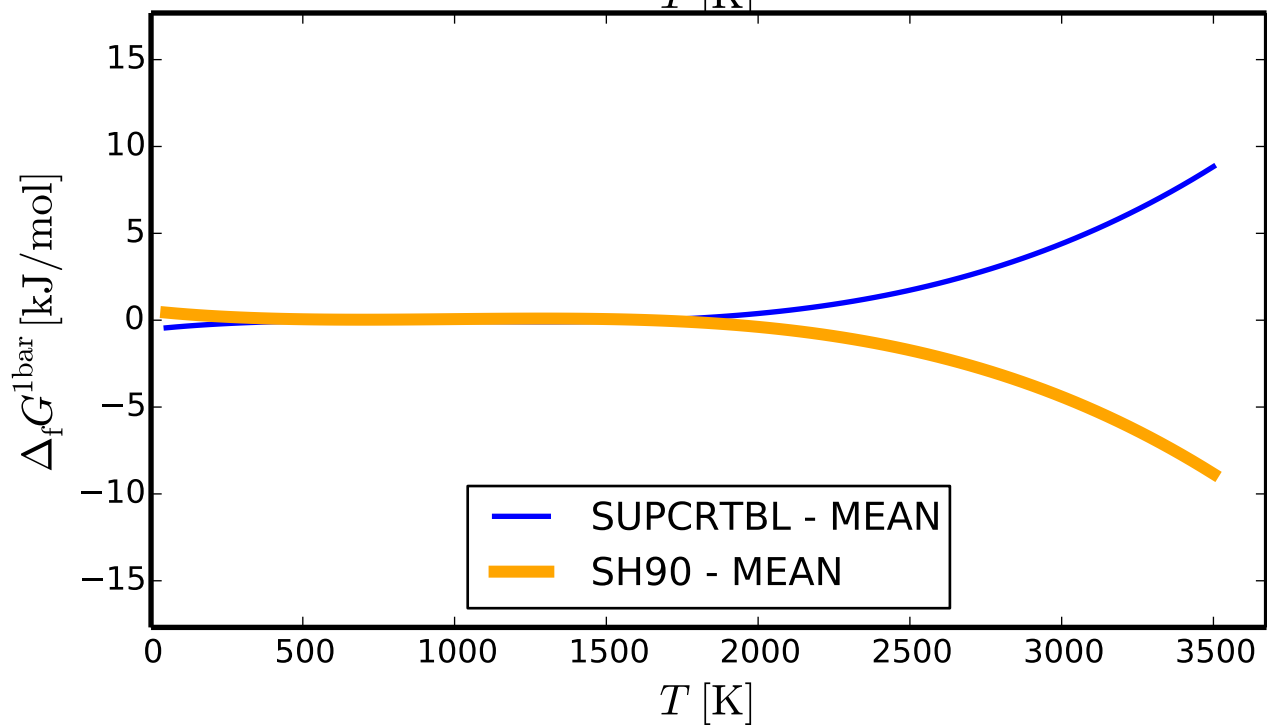
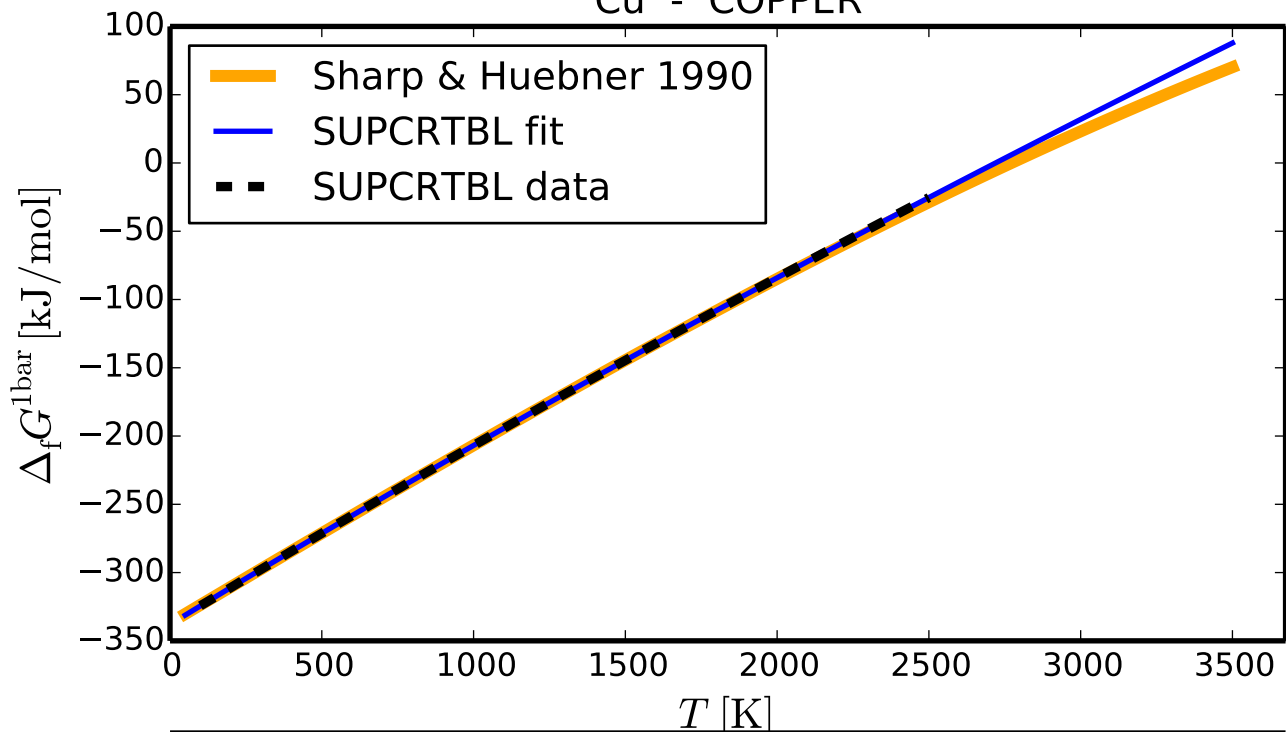
# FeS - TROILITE



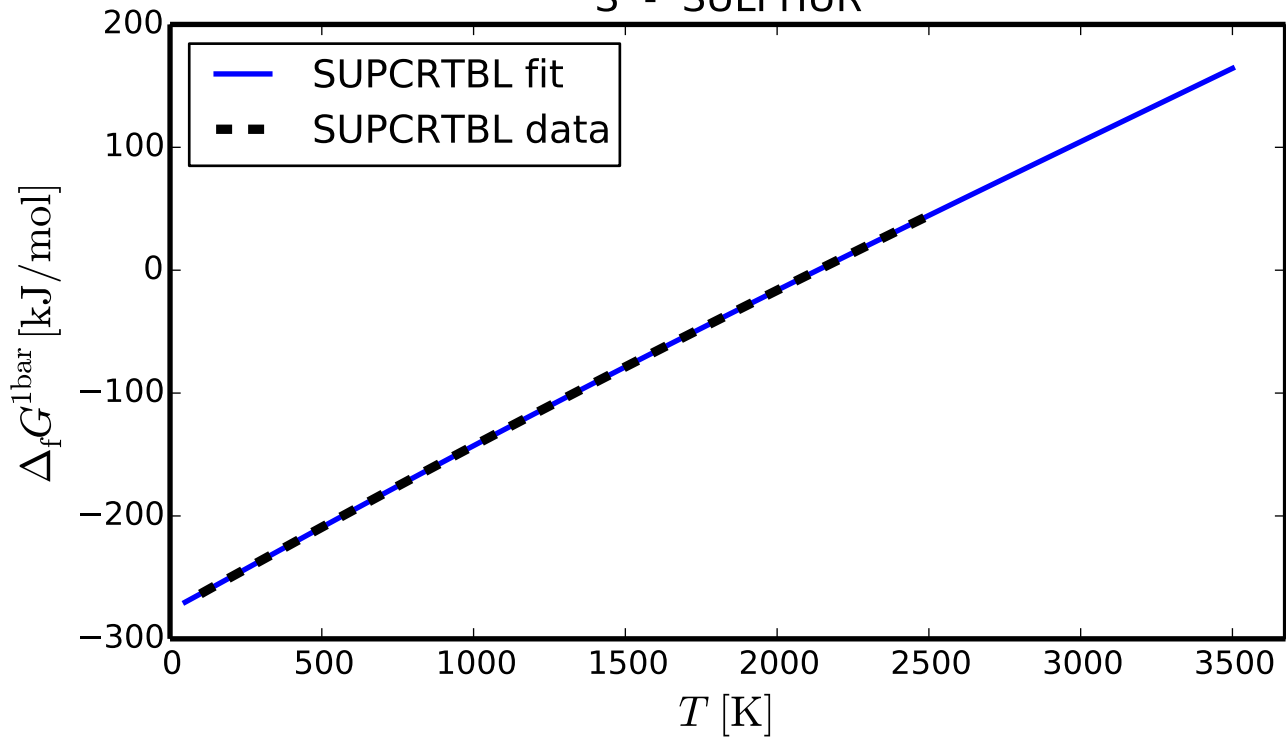
## Cu2O - CUPRITE



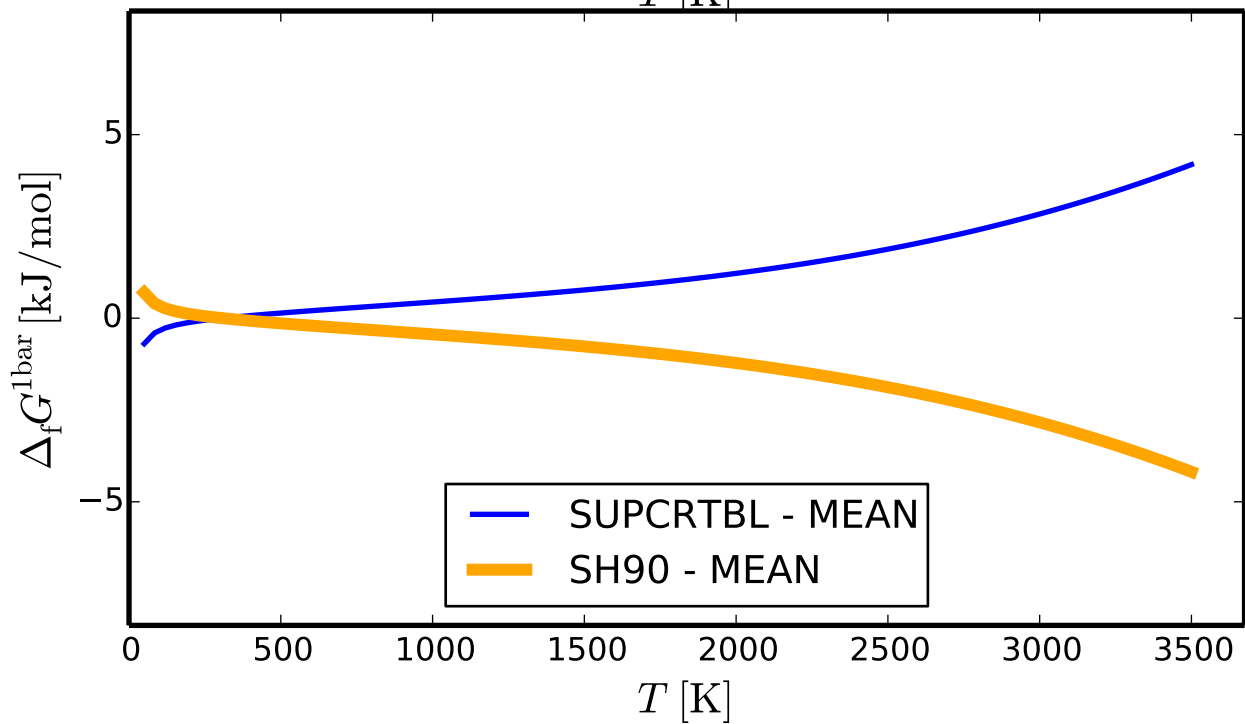
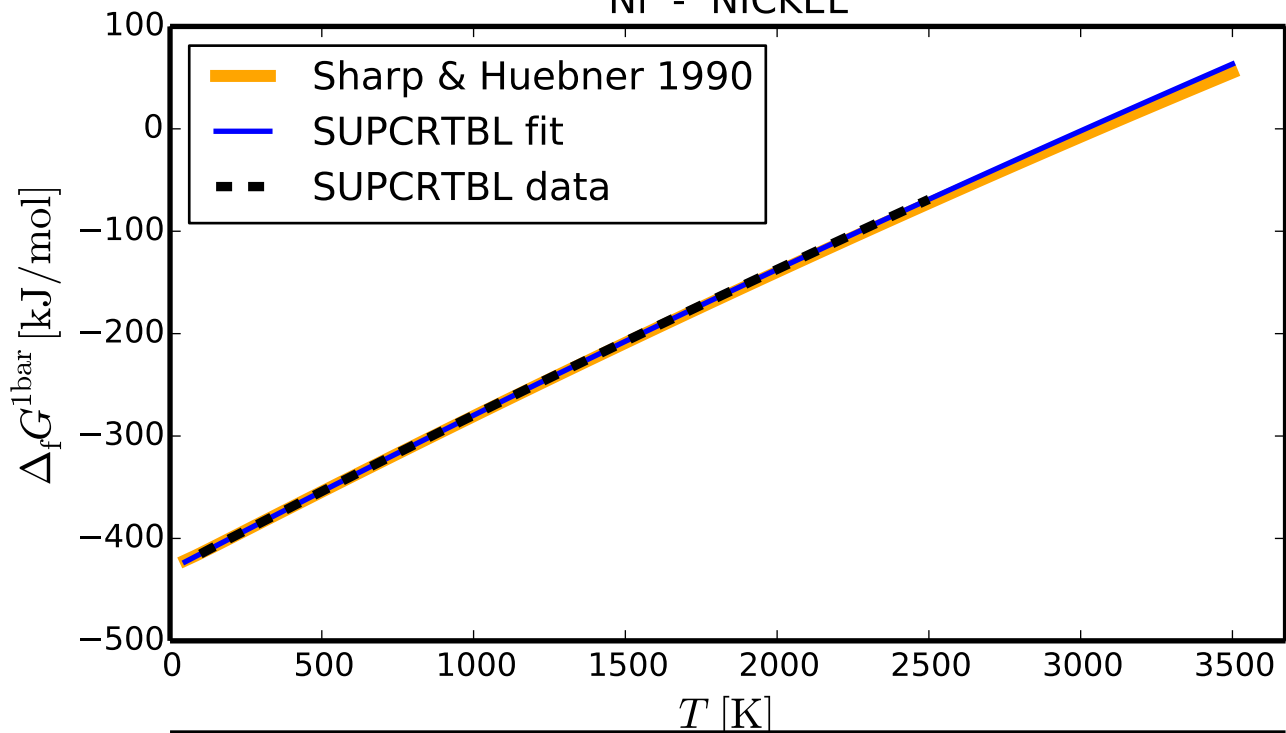
# Cu - COPPER



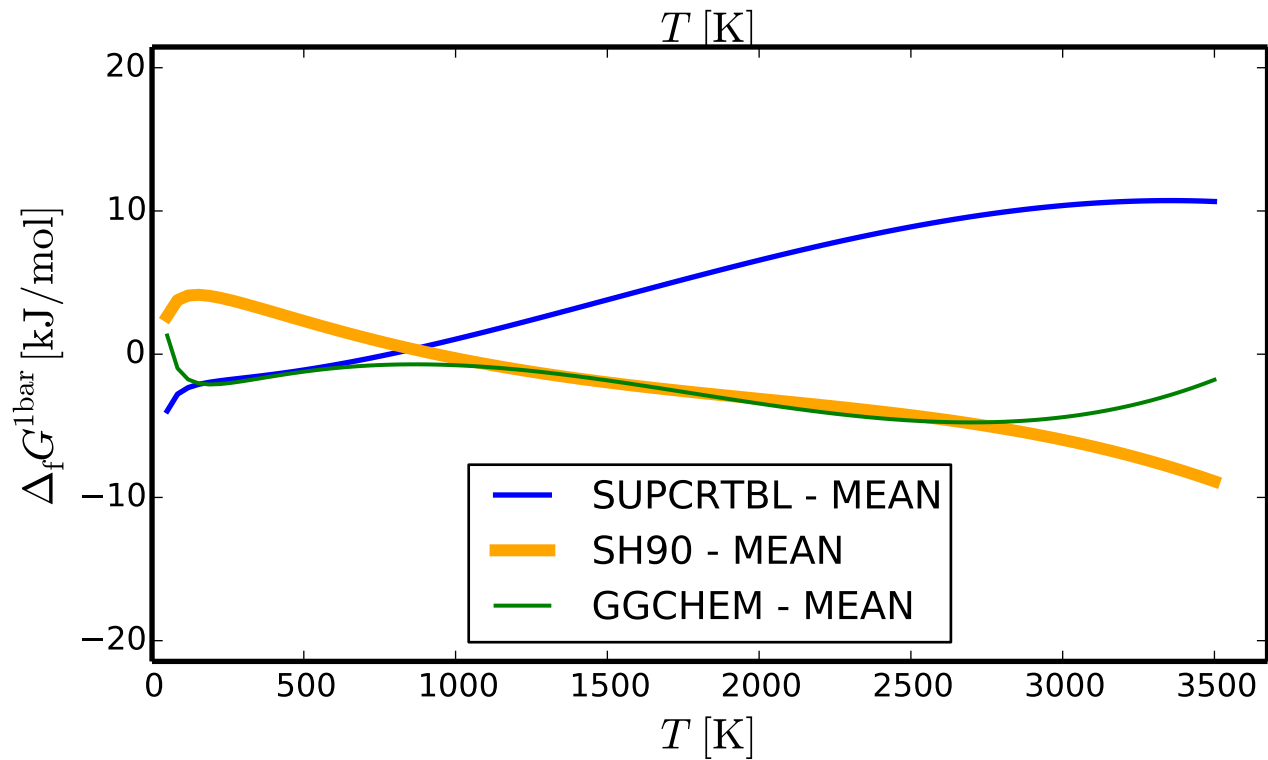
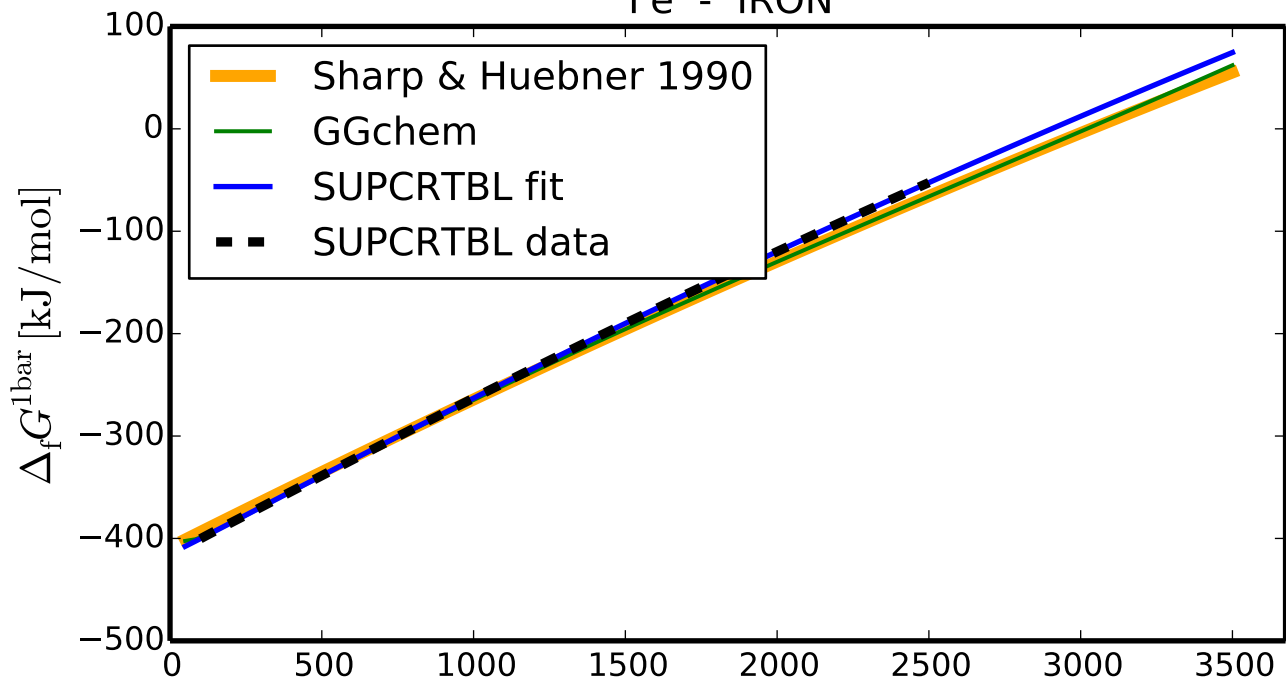
## S - SULPHUR



# Ni - NICKEL



## Fe - IRON





## C - GRAPHITE

