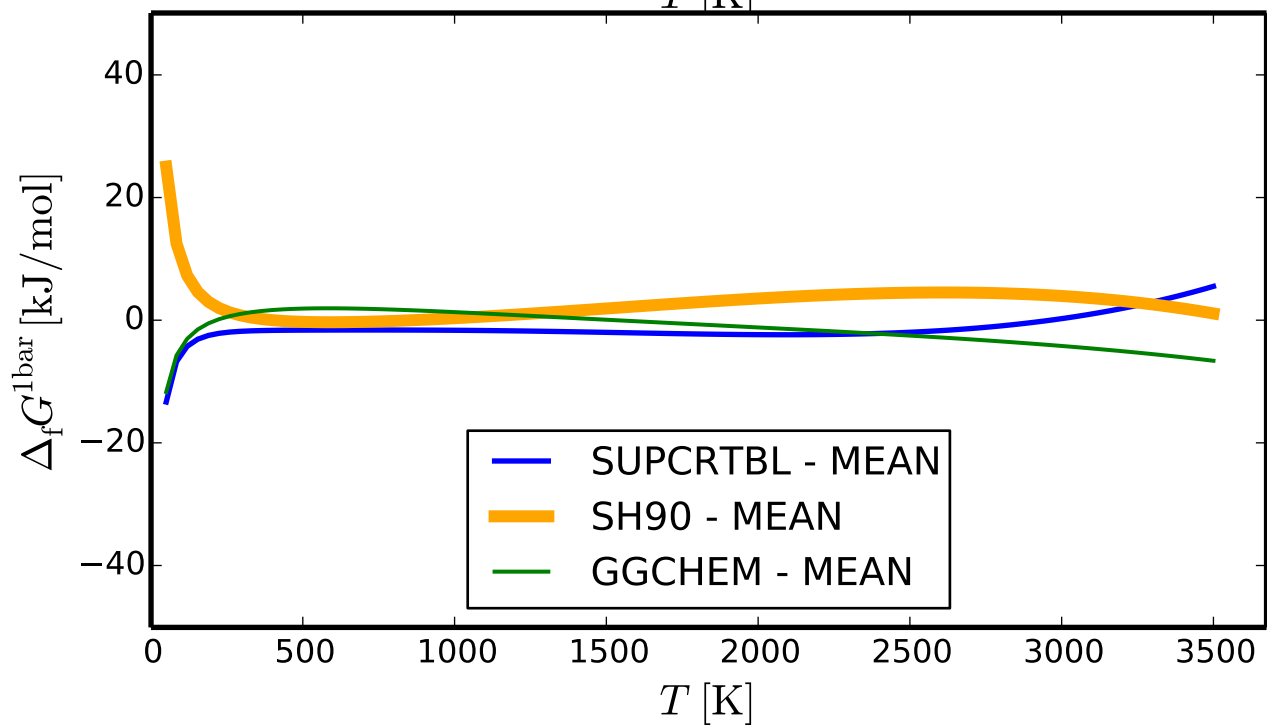
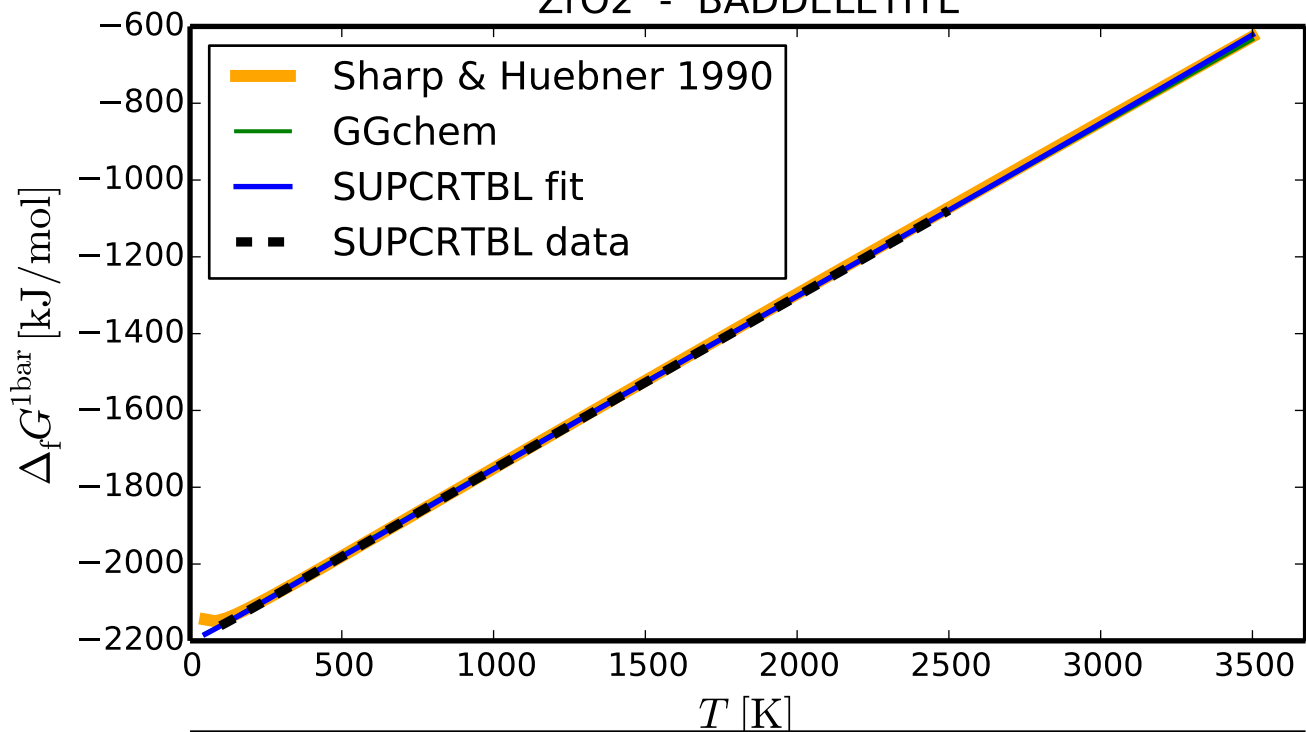
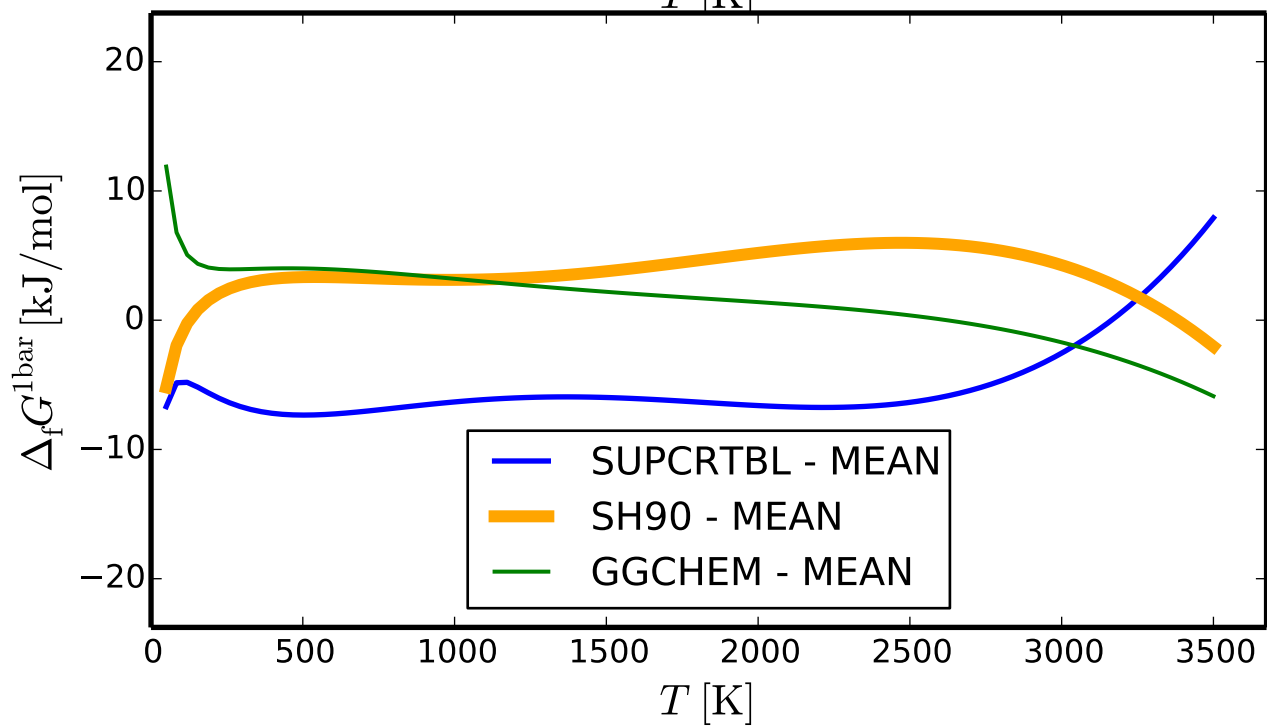
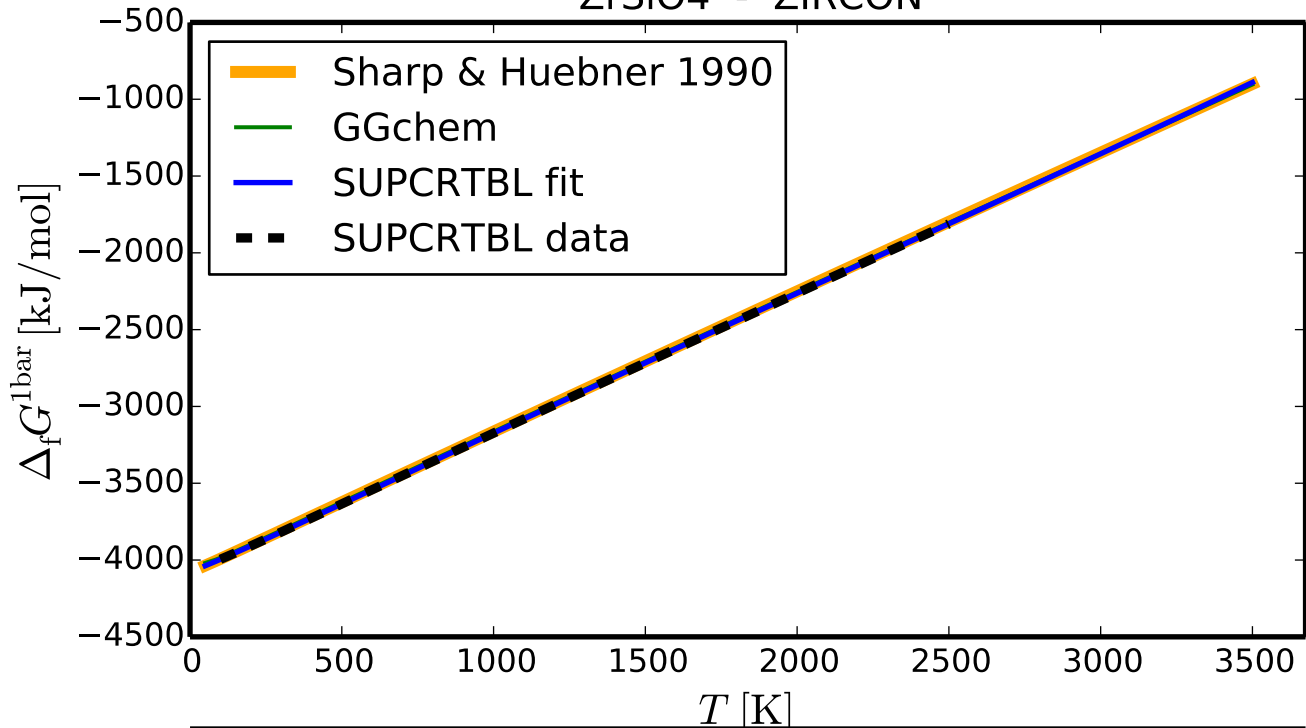


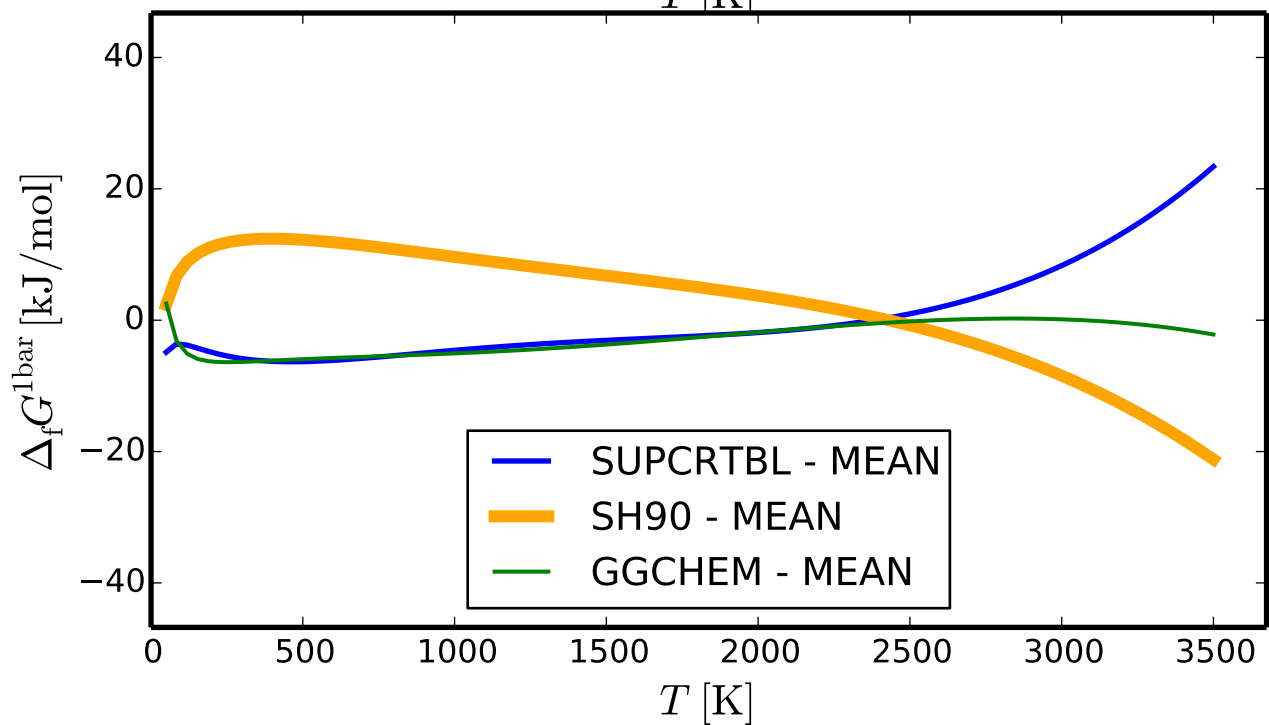
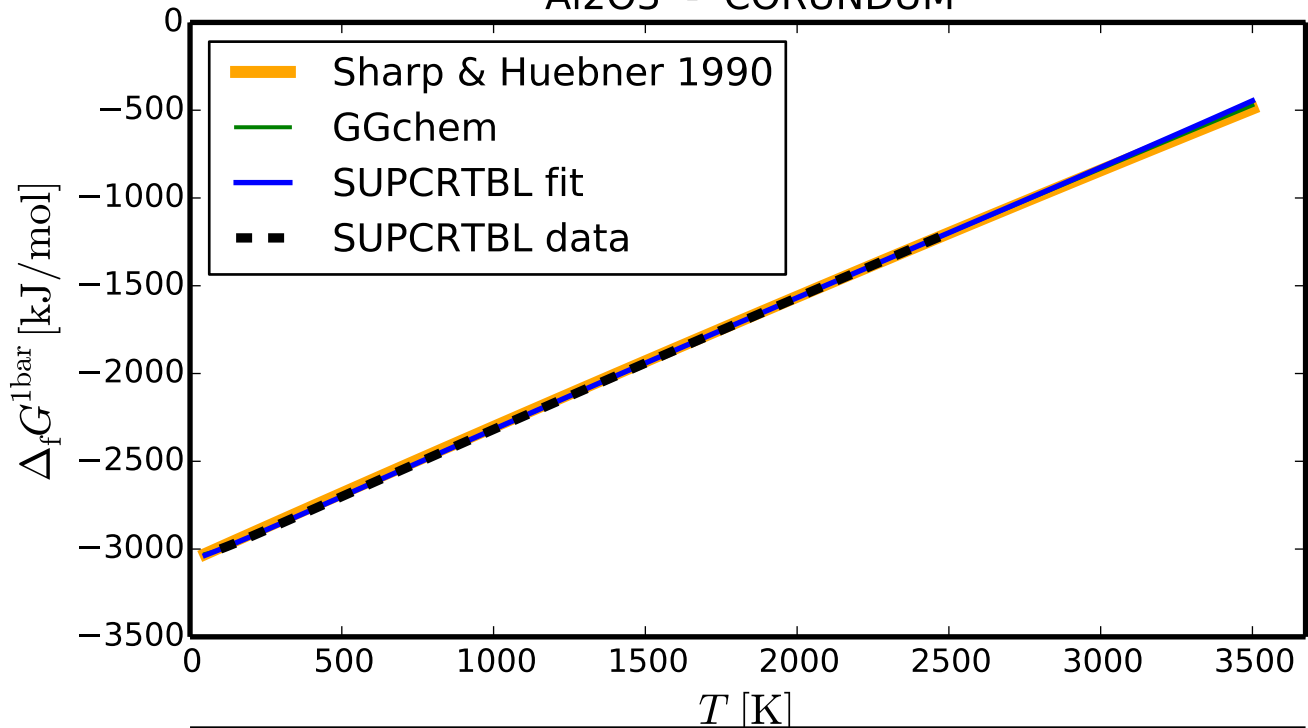
# ZrO2 - BADDELEYITE



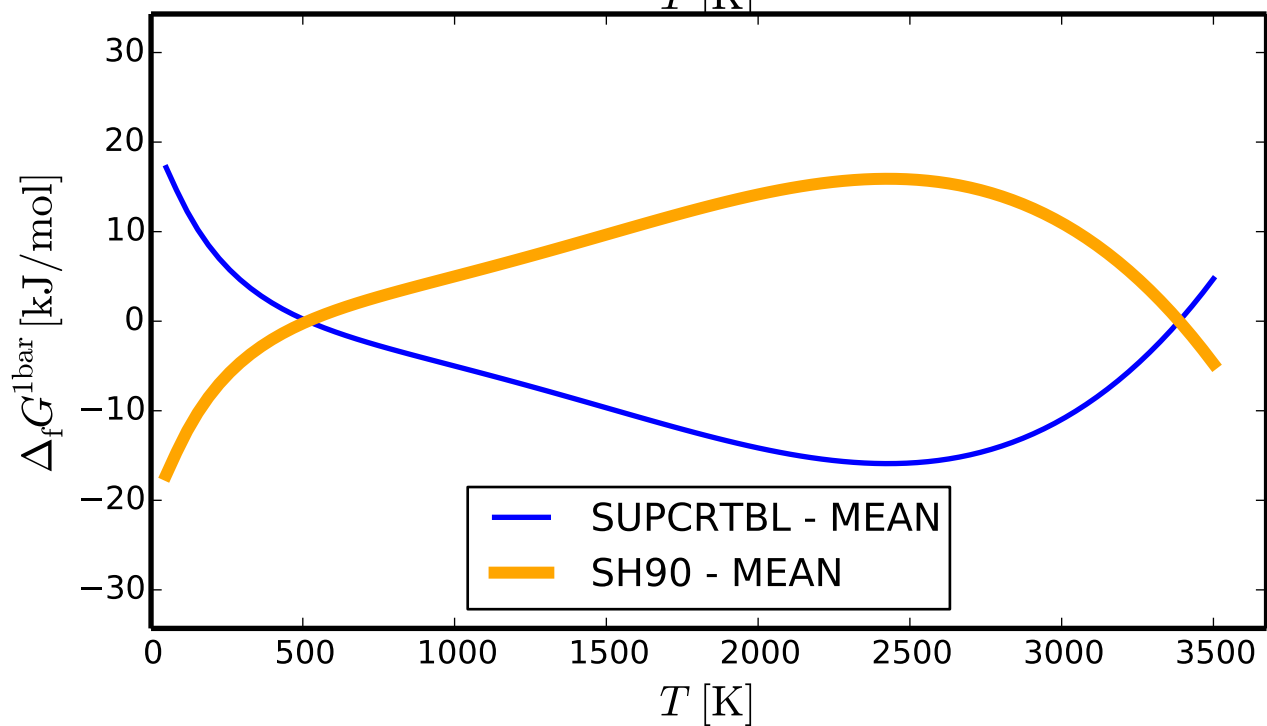
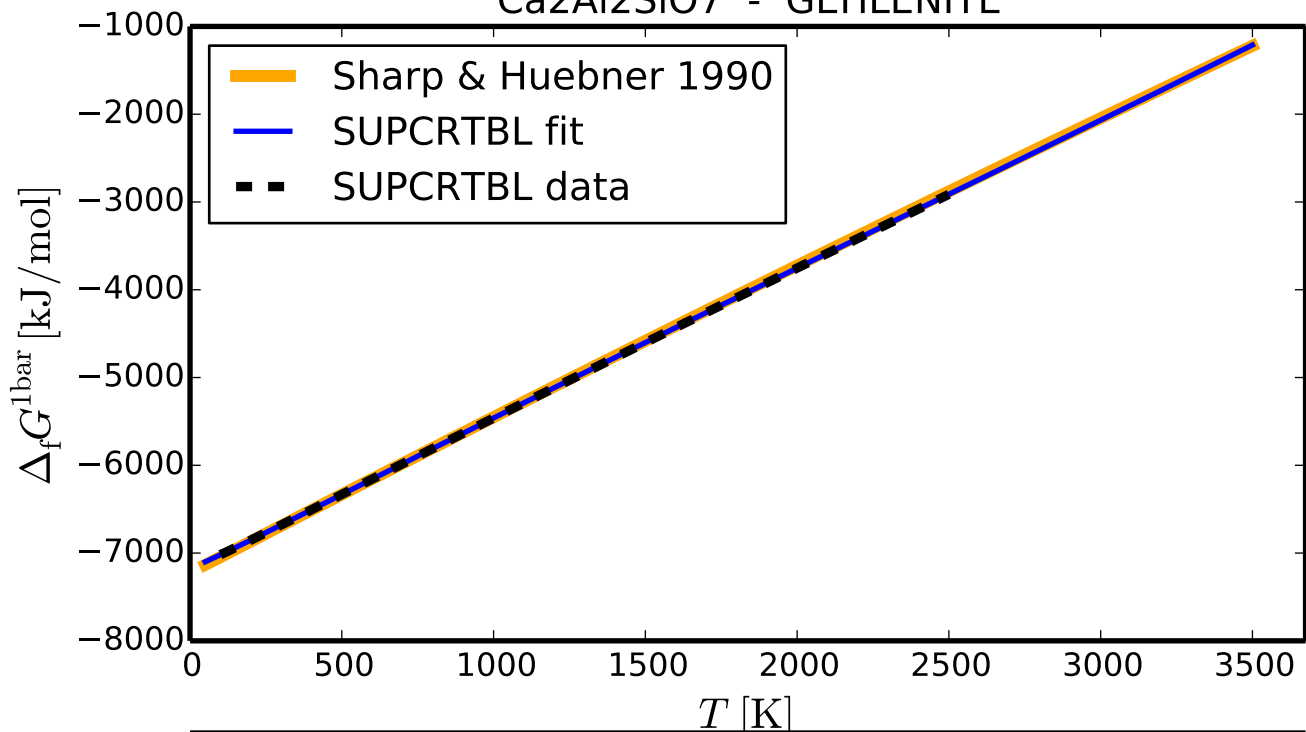
# ZrSiO4 - ZIRCON



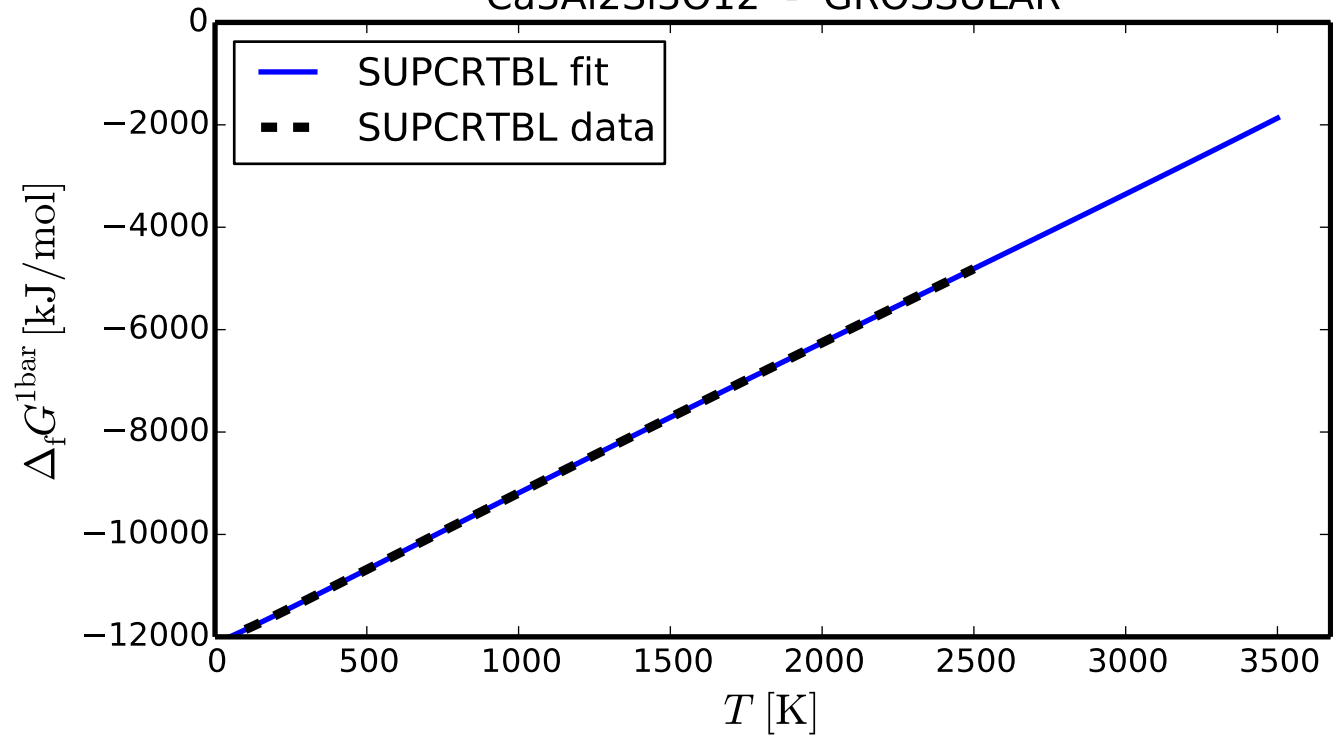
# Al<sub>2</sub>O<sub>3</sub> - CORUNDUM



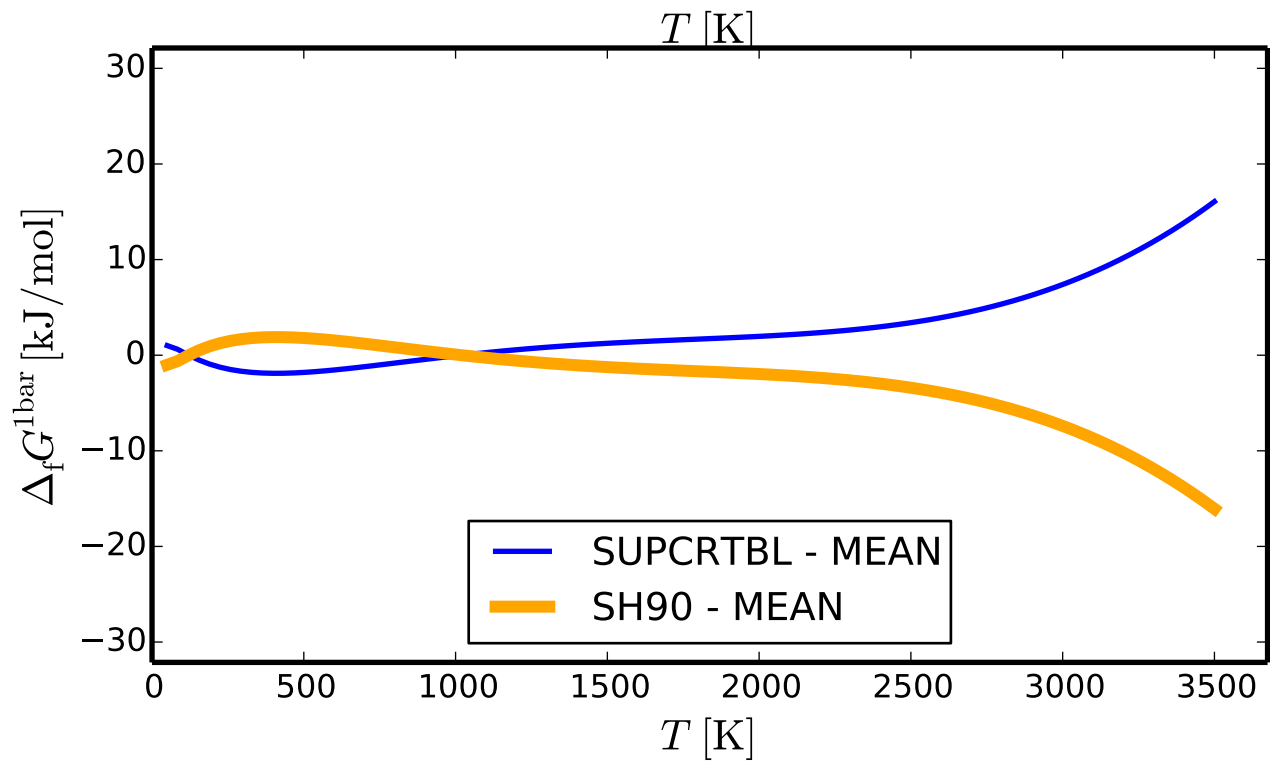
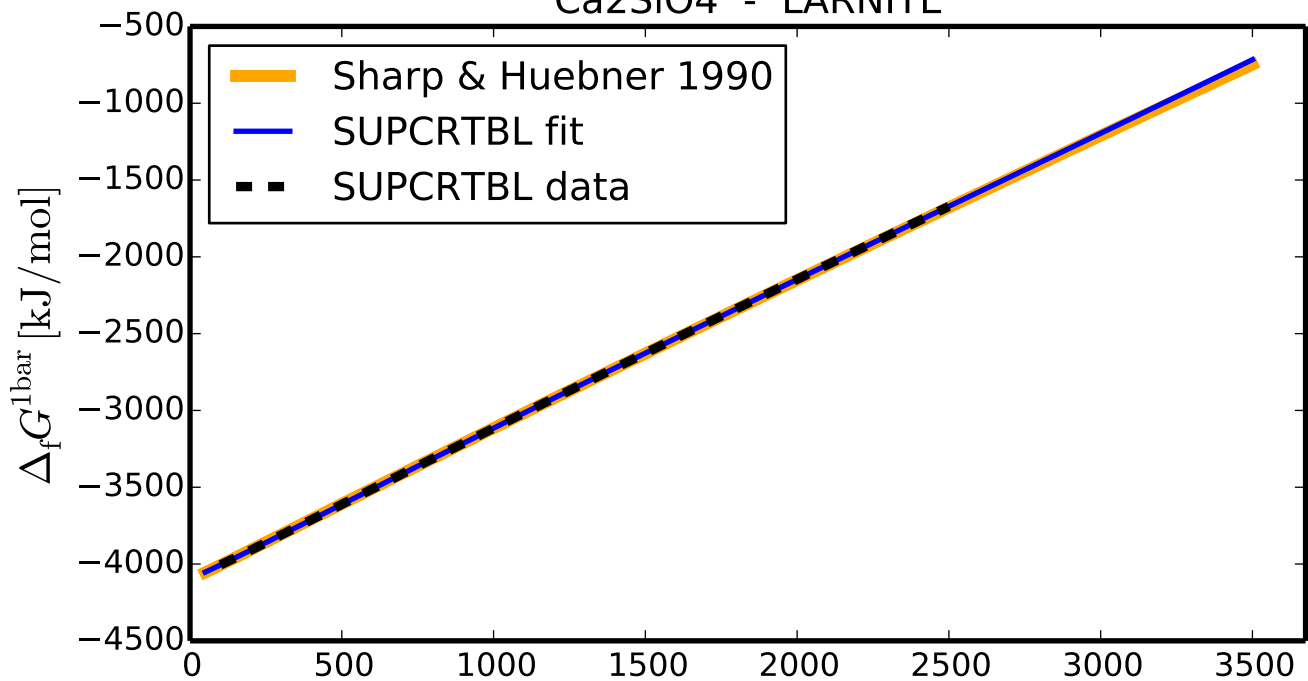
# Ca<sub>2</sub>Al<sub>2</sub>SiO<sub>7</sub> - GEHLENITE

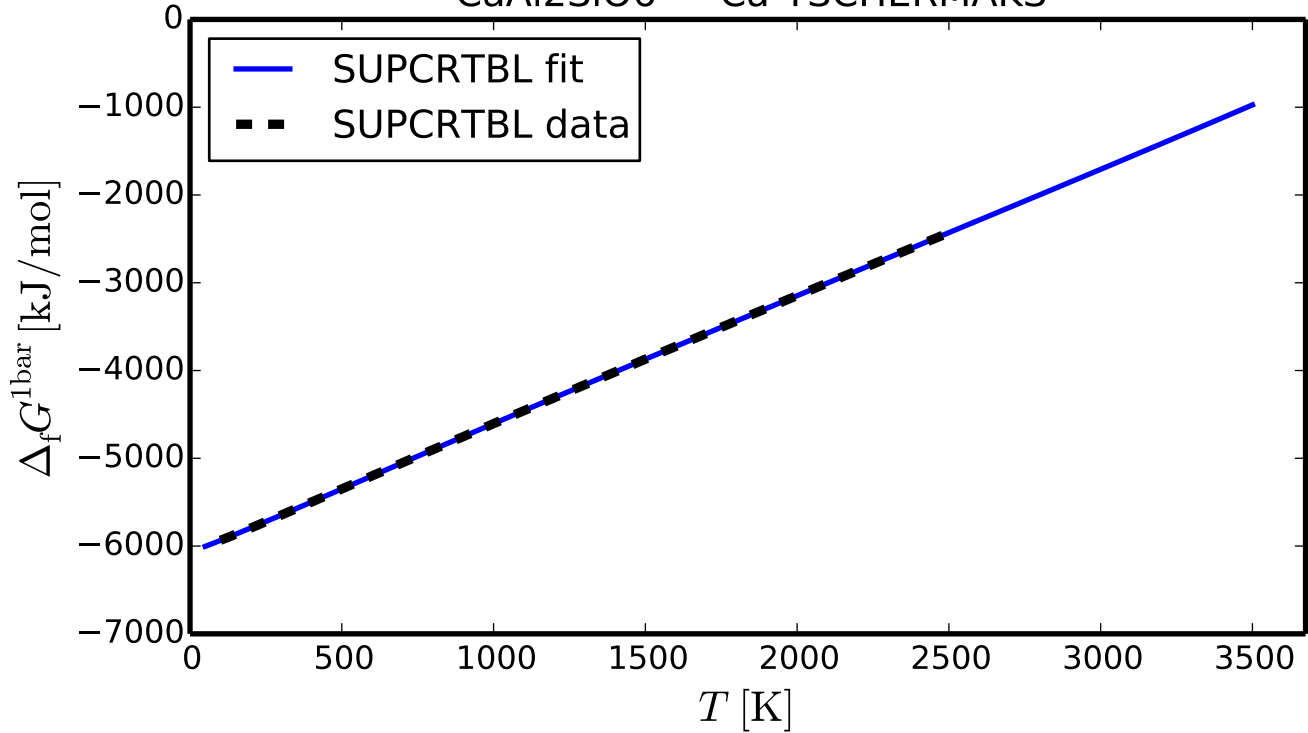


## Ca3Al2Si3O12 - GROSSULAR

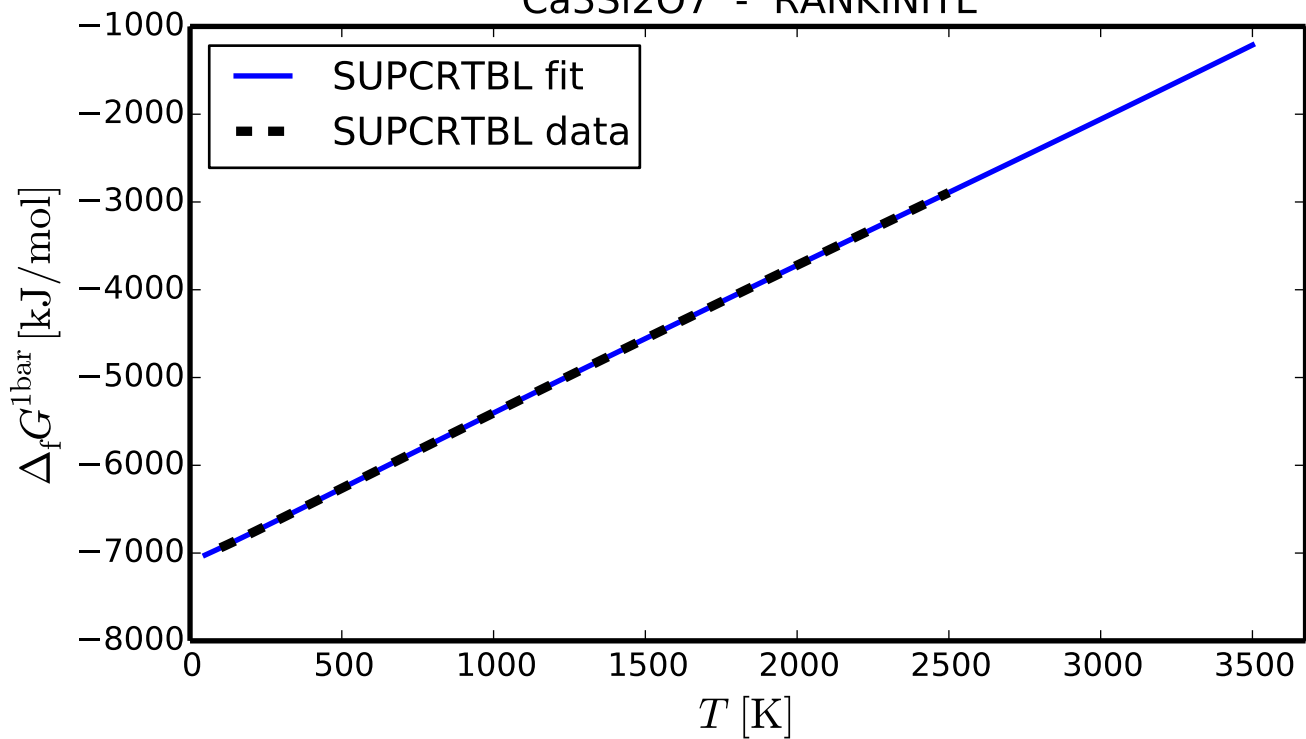


# Ca2SiO4 - LARNITE



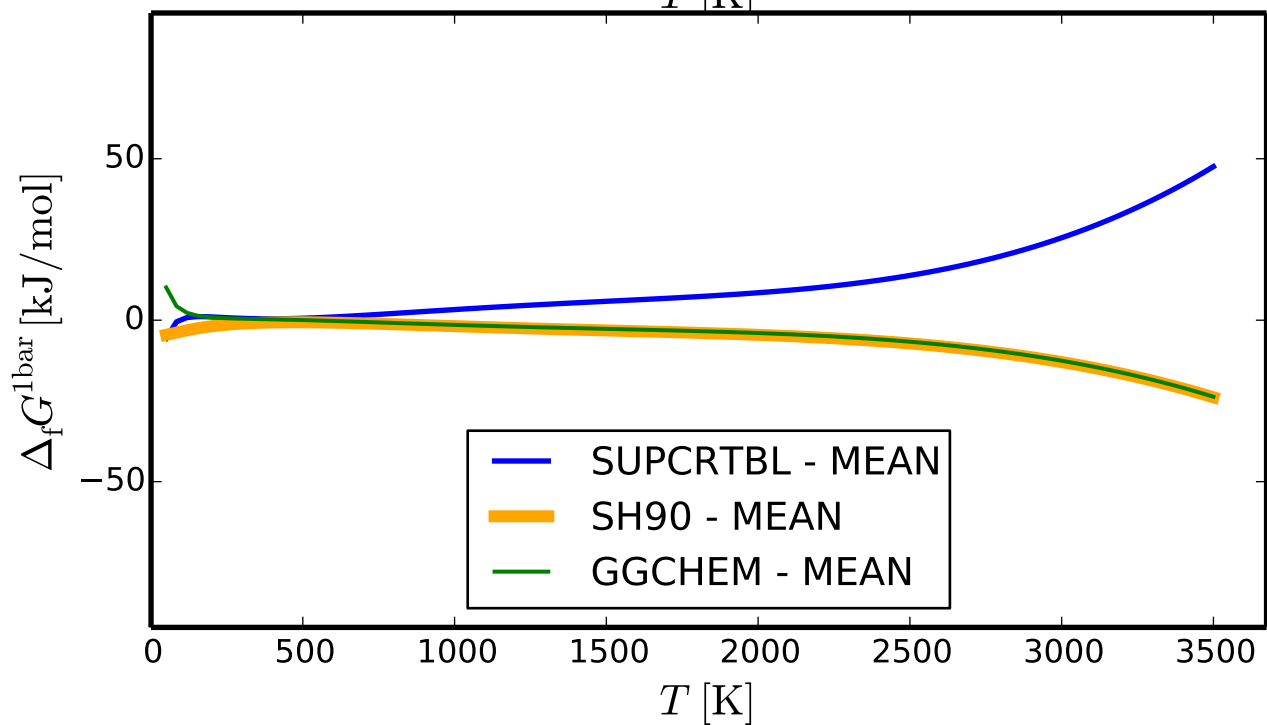
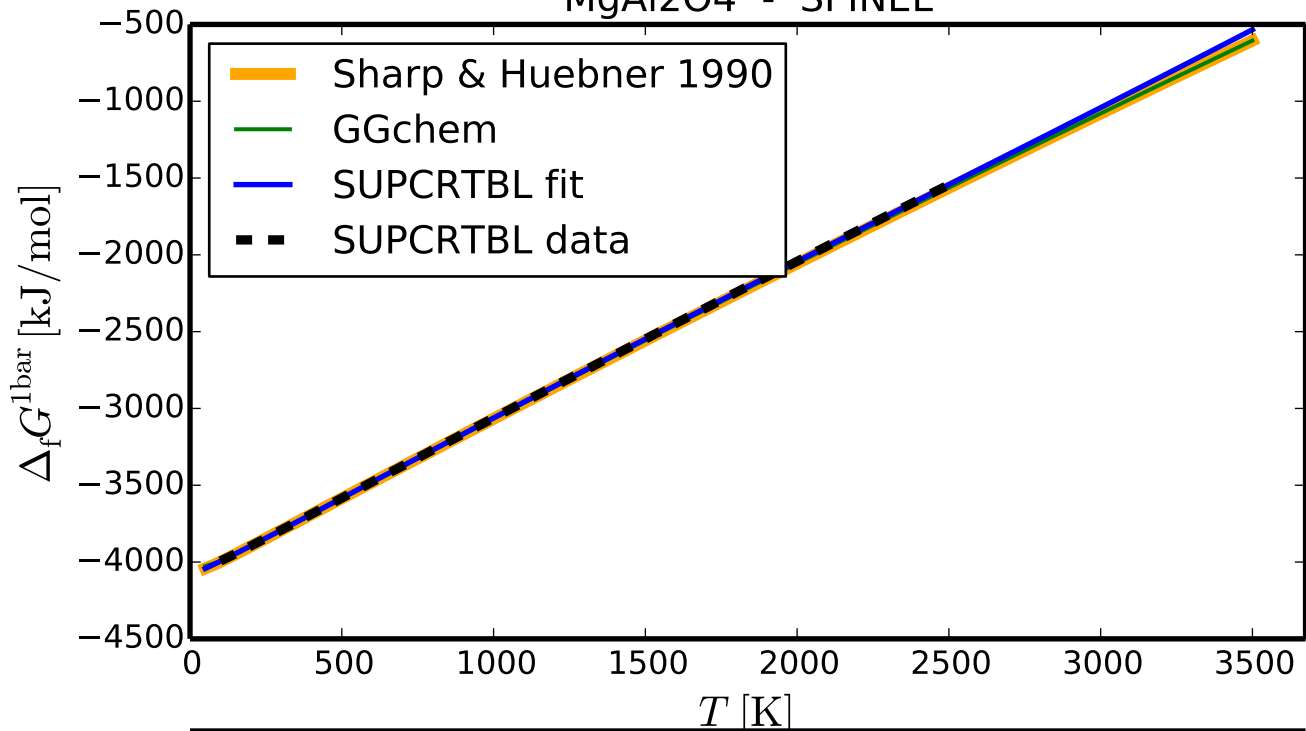
CaAl<sub>2</sub>SiO<sub>6</sub> - Ca-TSCHERMAKS

## Ca3Si2O7 - RANKINITE

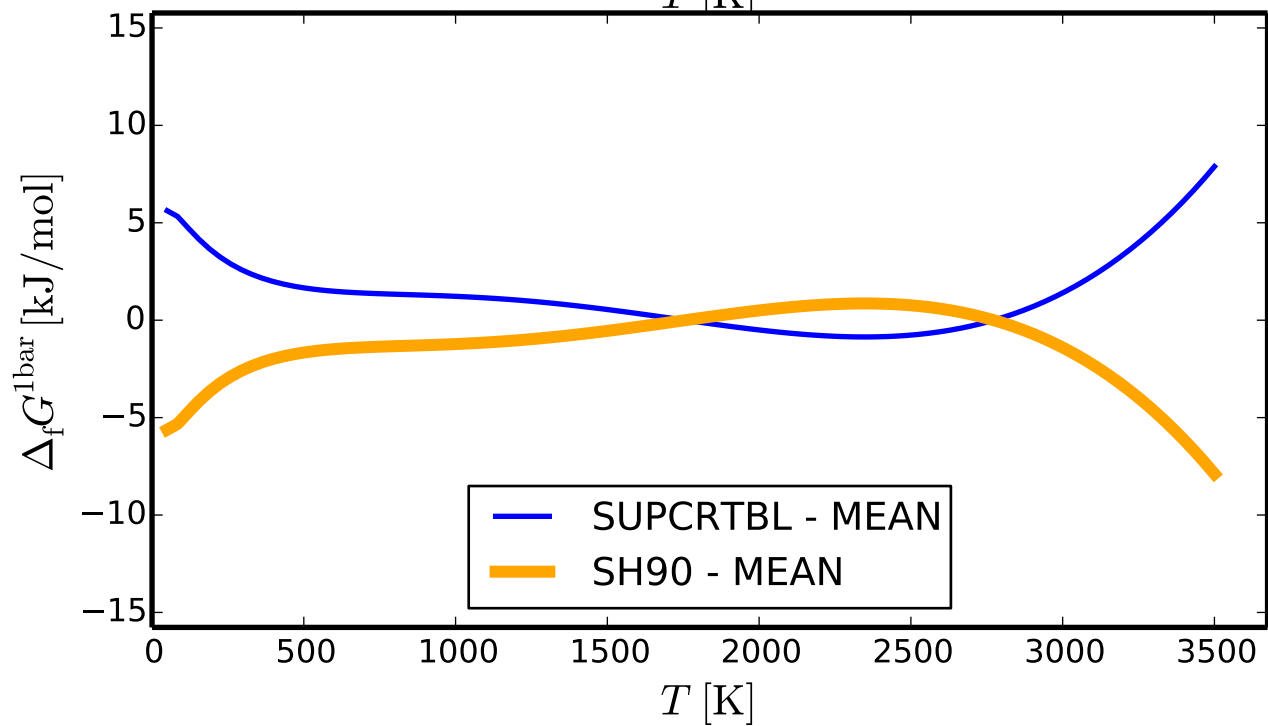
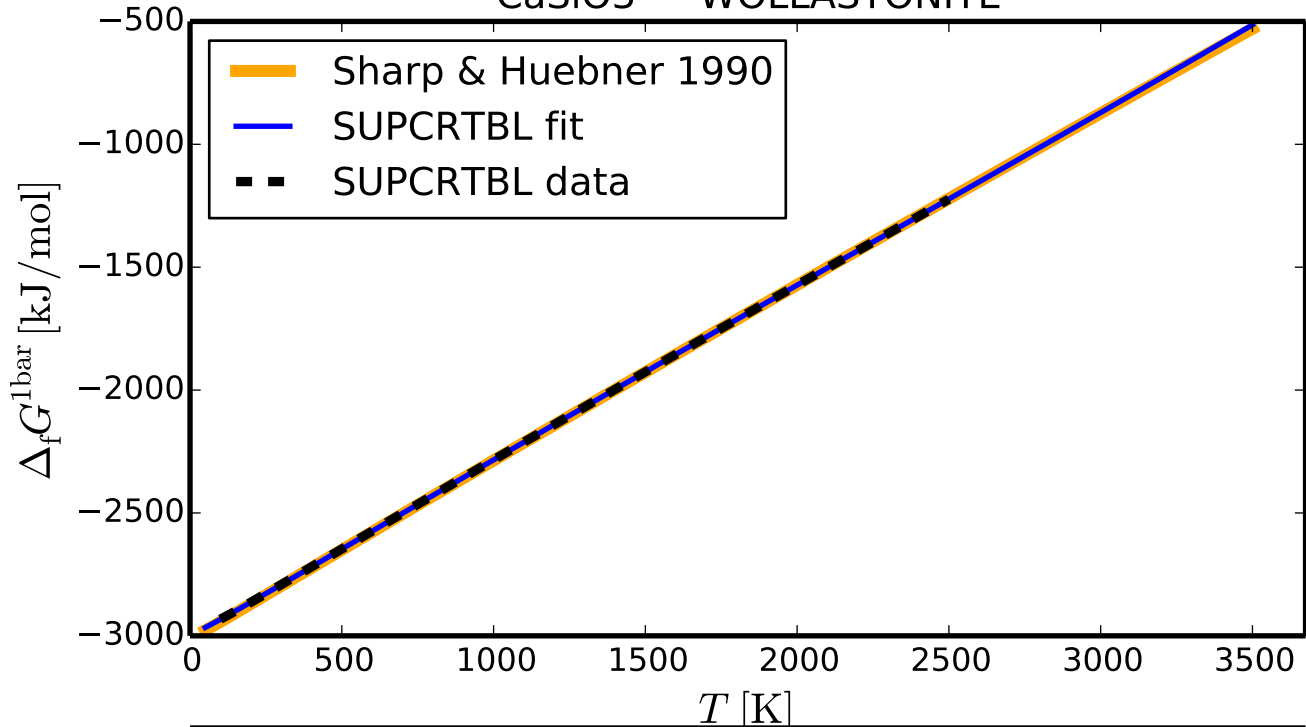




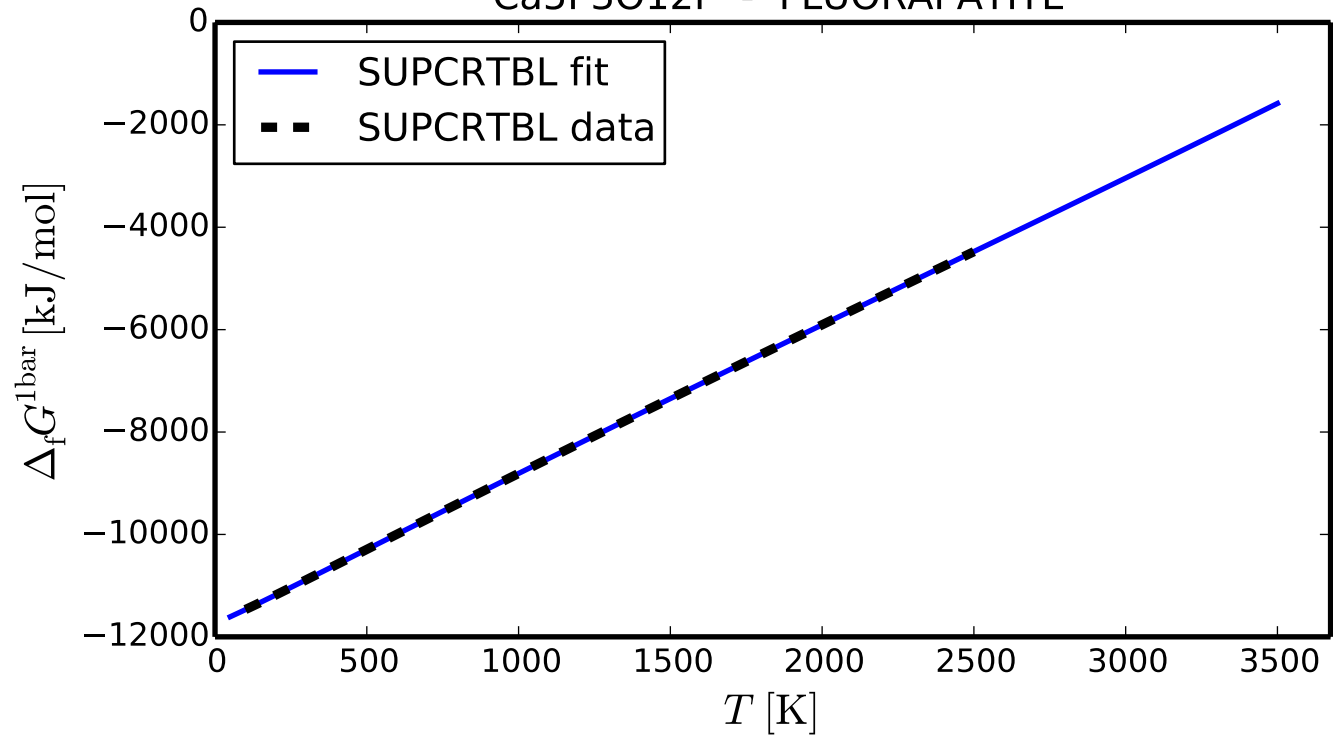
## MgAl2O4 - SPINEL



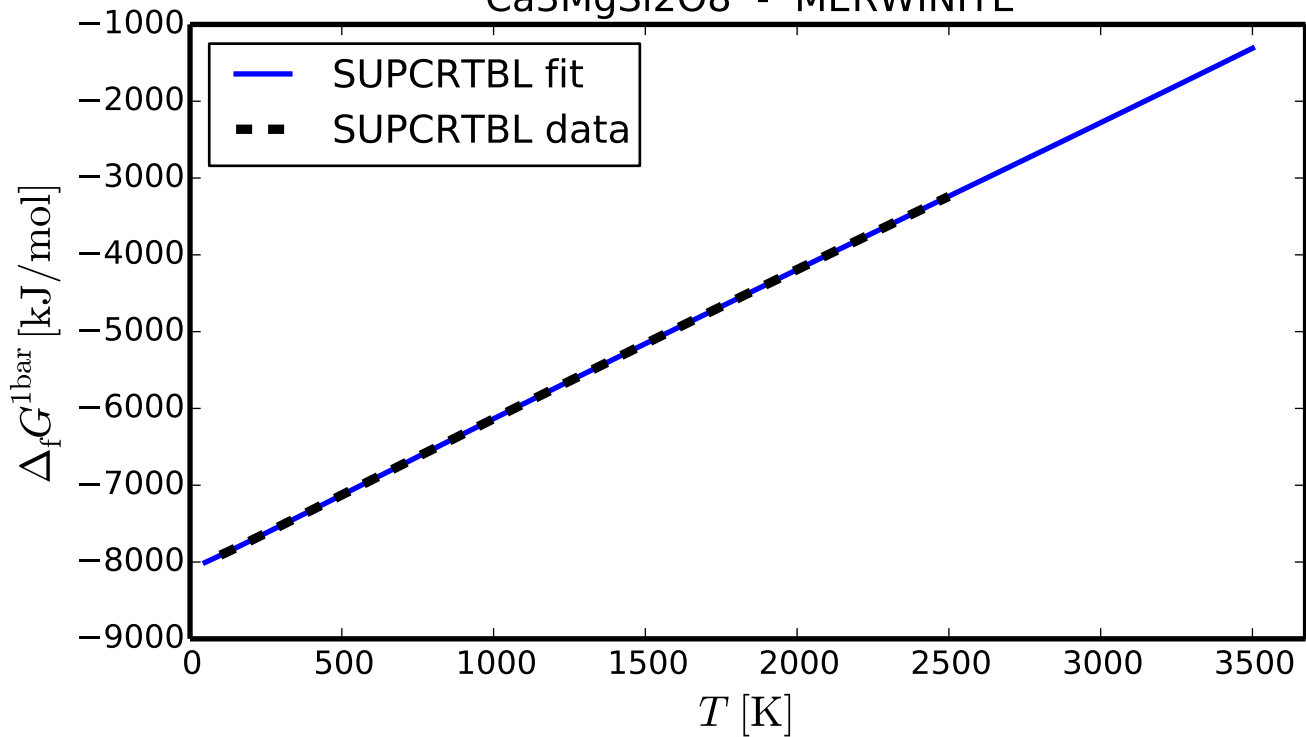
# CaSiO3 - WOLLASTONITE



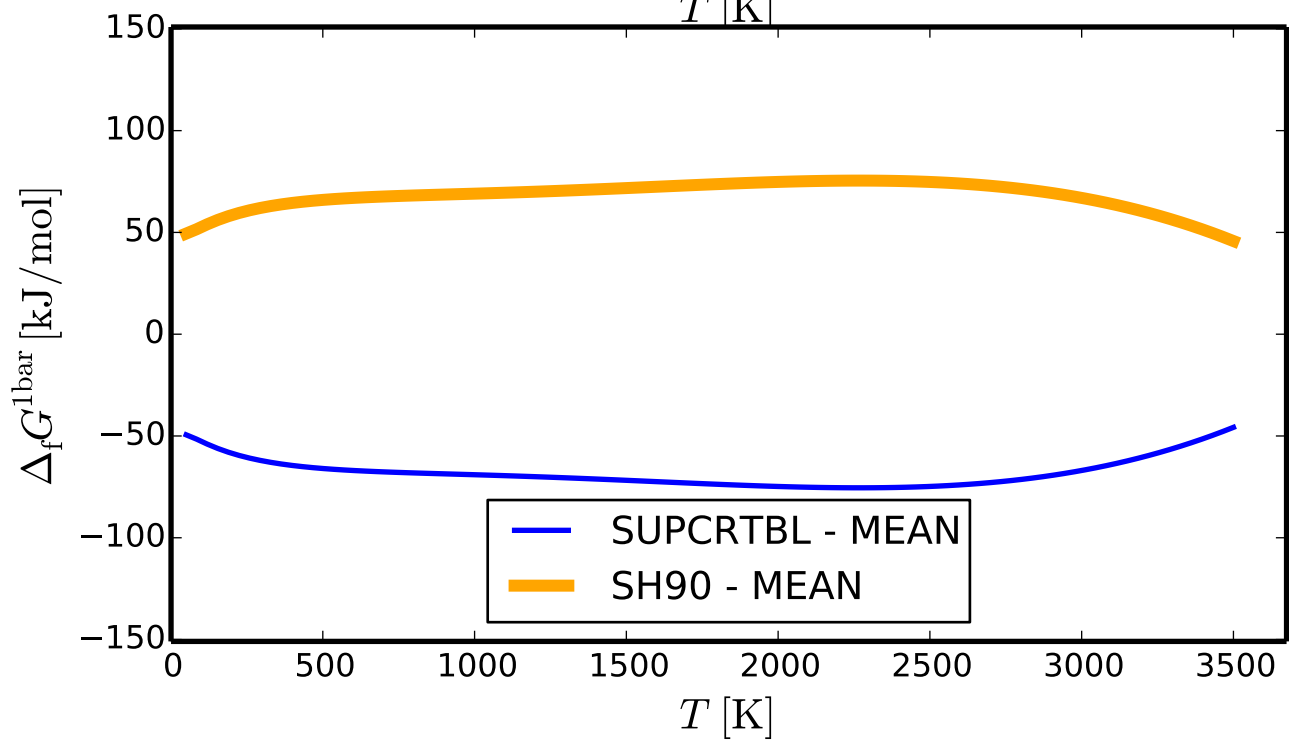
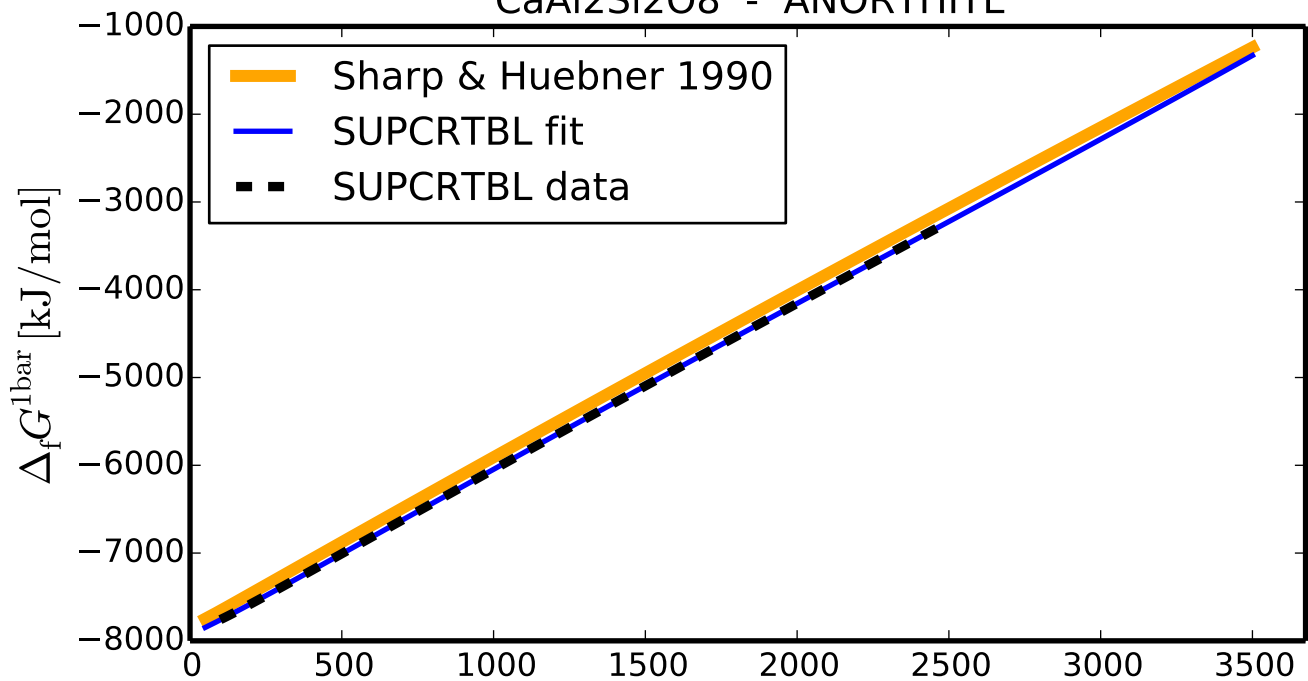
## Ca5P3O12F - FLUORAPATITE



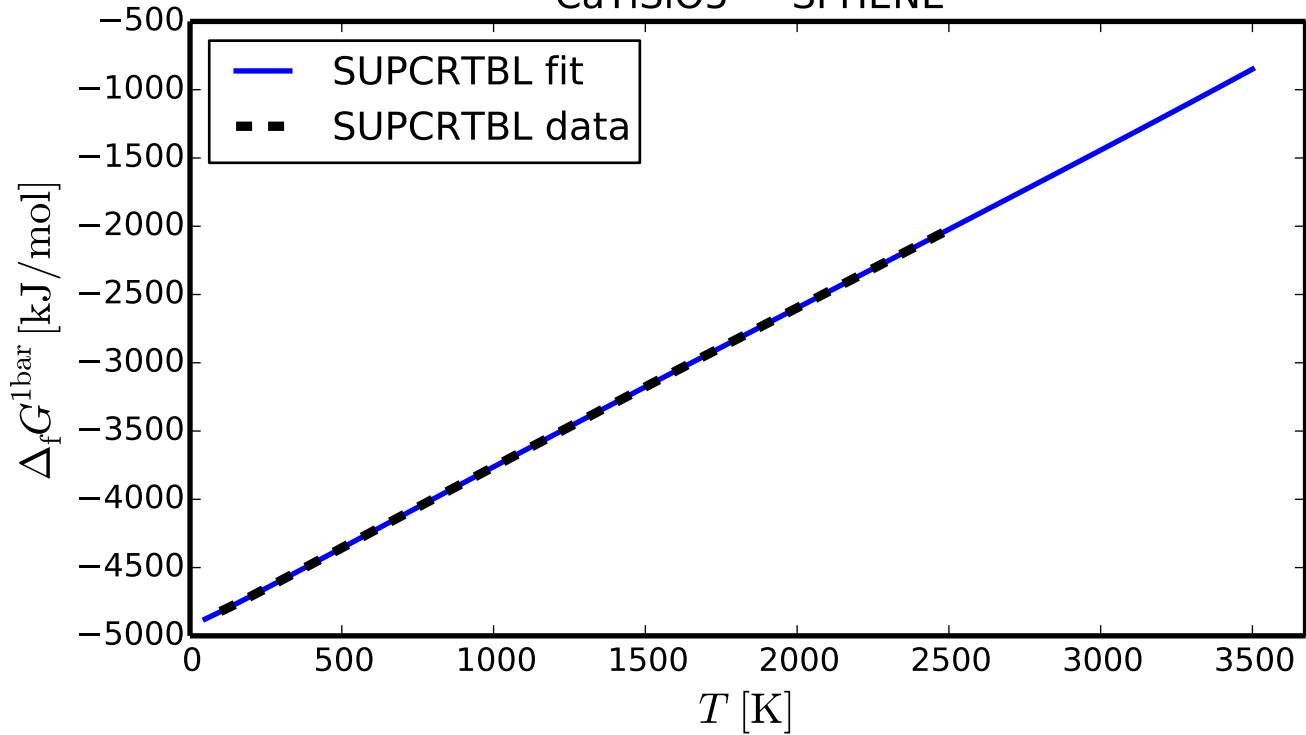
# Ca3MgSi2O8 - MERWINITE



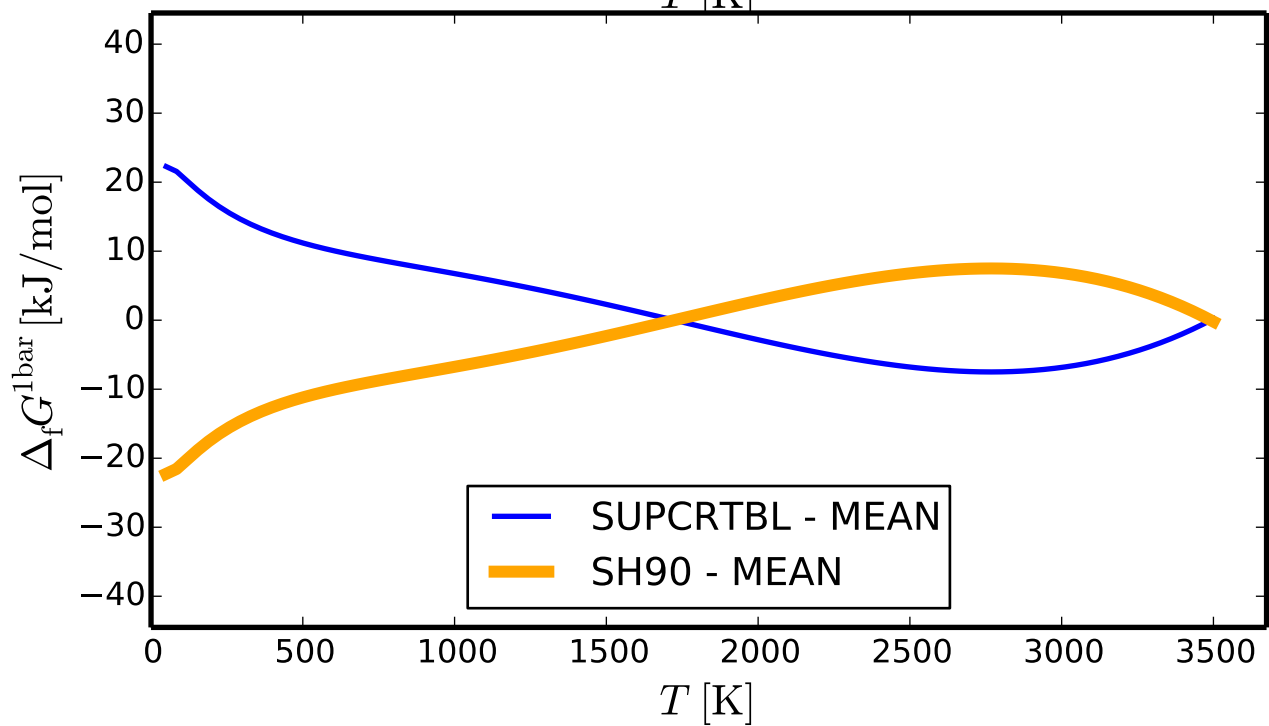
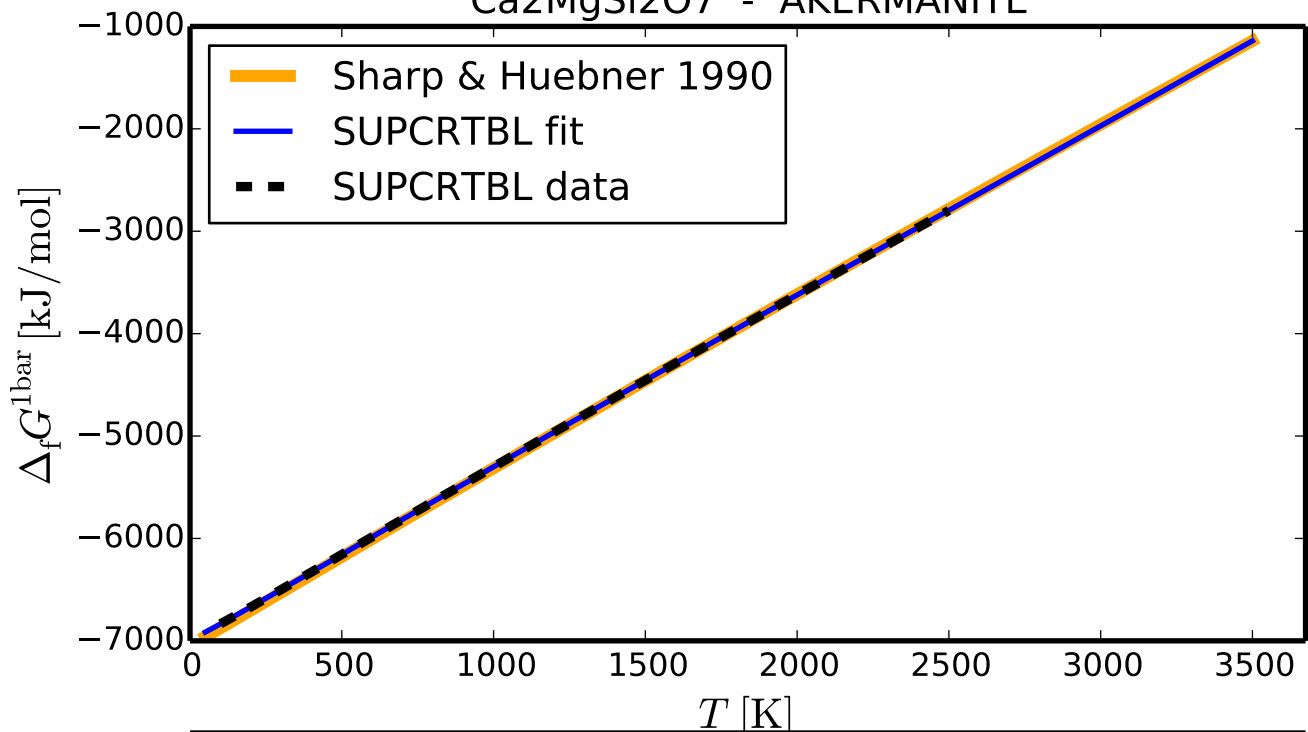
# CaAl<sub>2</sub>Si<sub>2</sub>O<sub>8</sub> - ANORTHITE

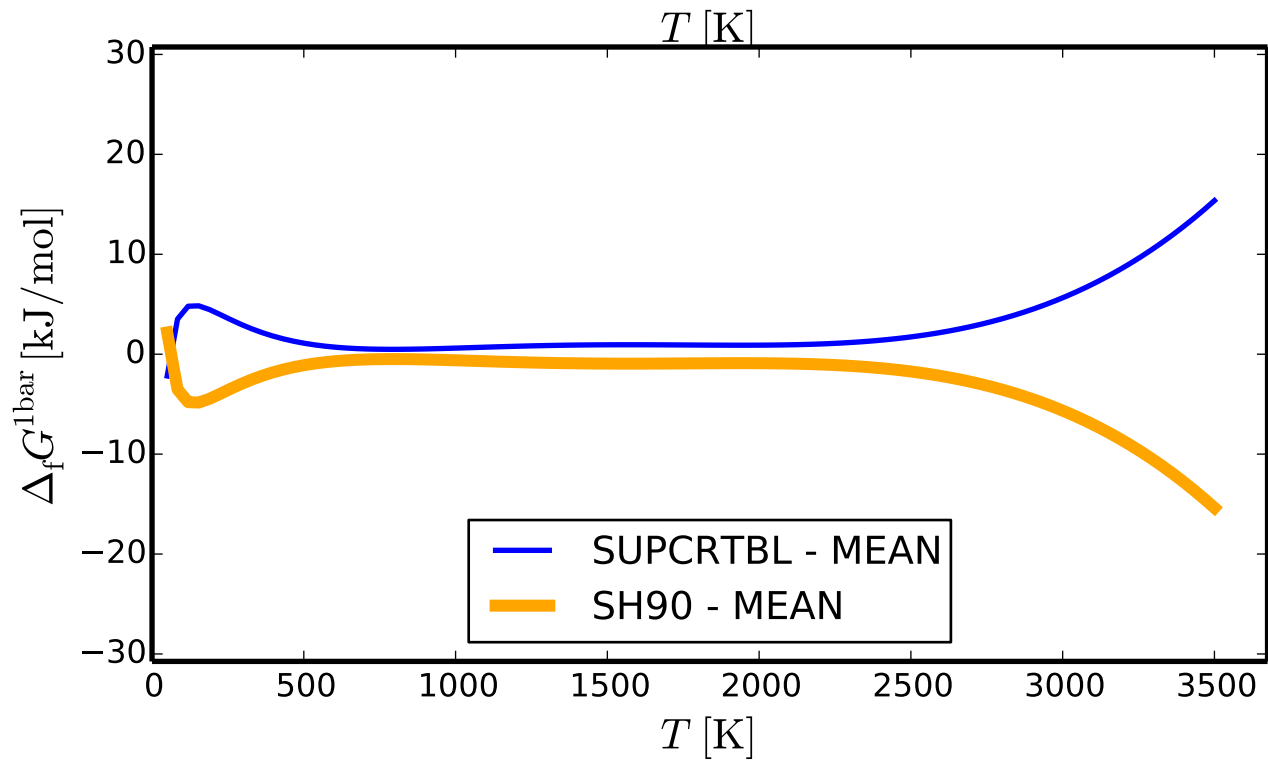
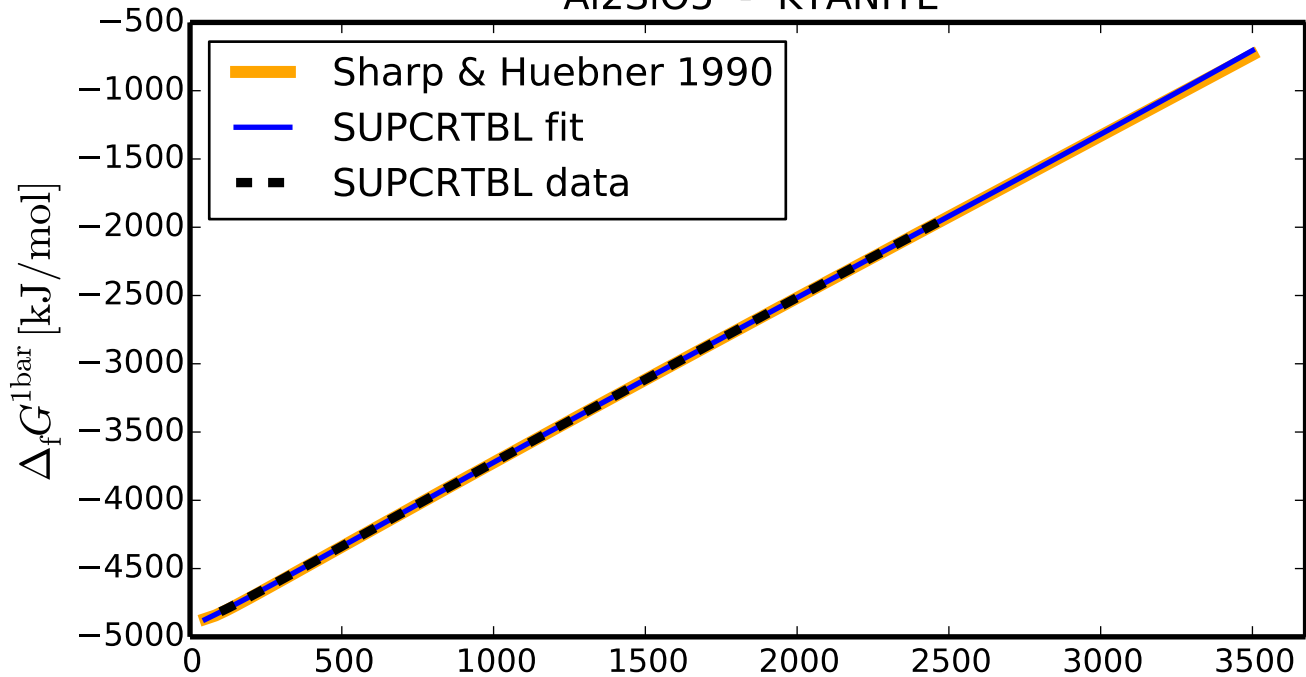


## CaTiSiO5 - SPHENE

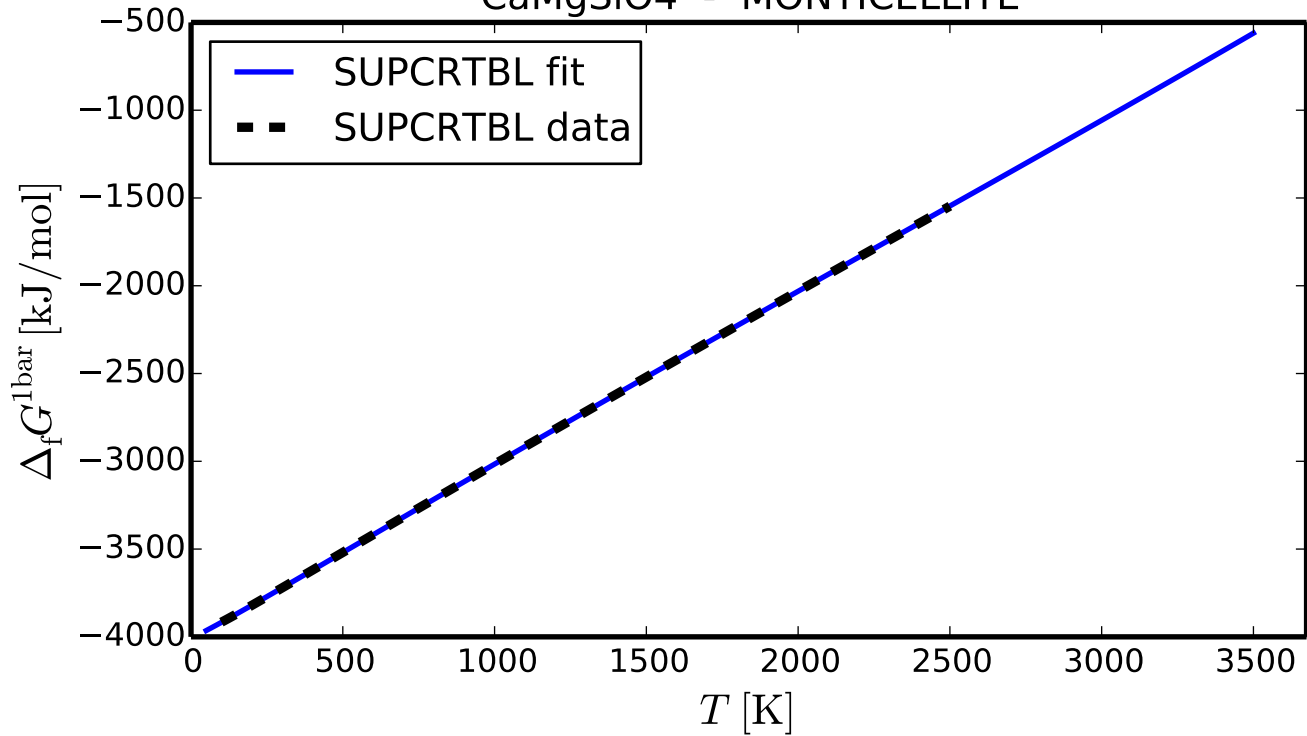


# Ca<sub>2</sub>MgSi<sub>2</sub>O<sub>7</sub> - AKERMANITE

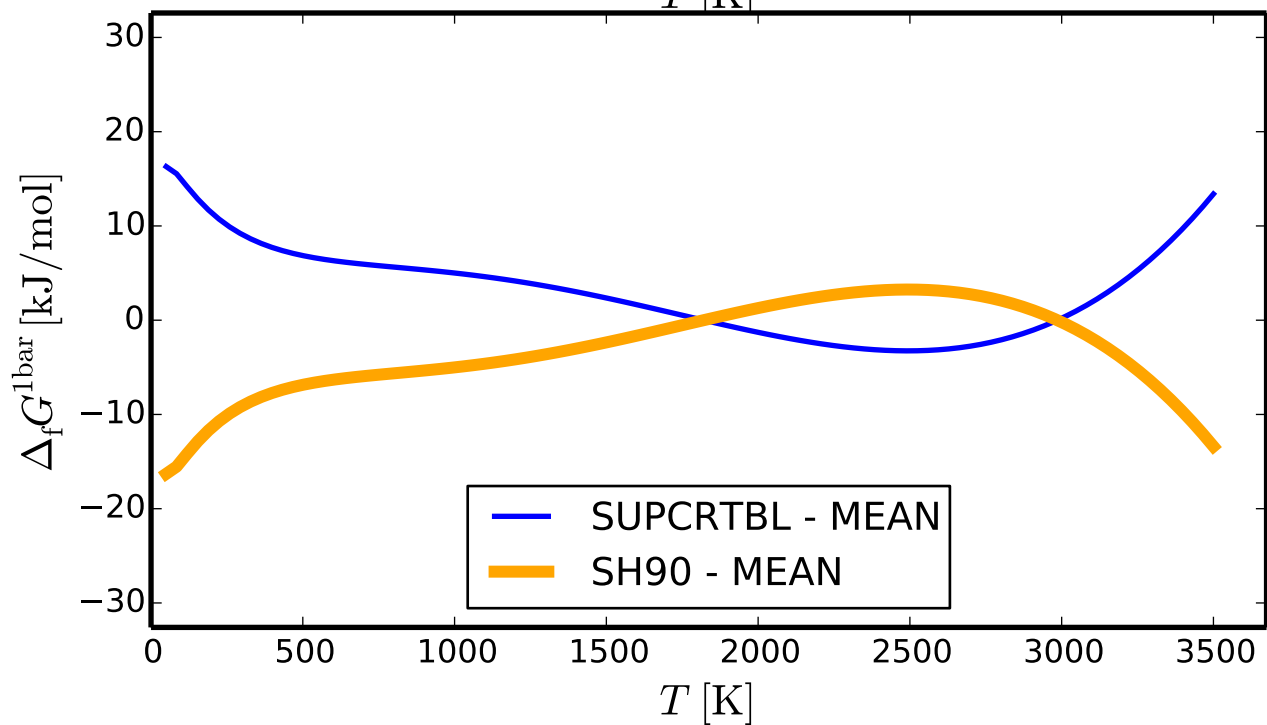
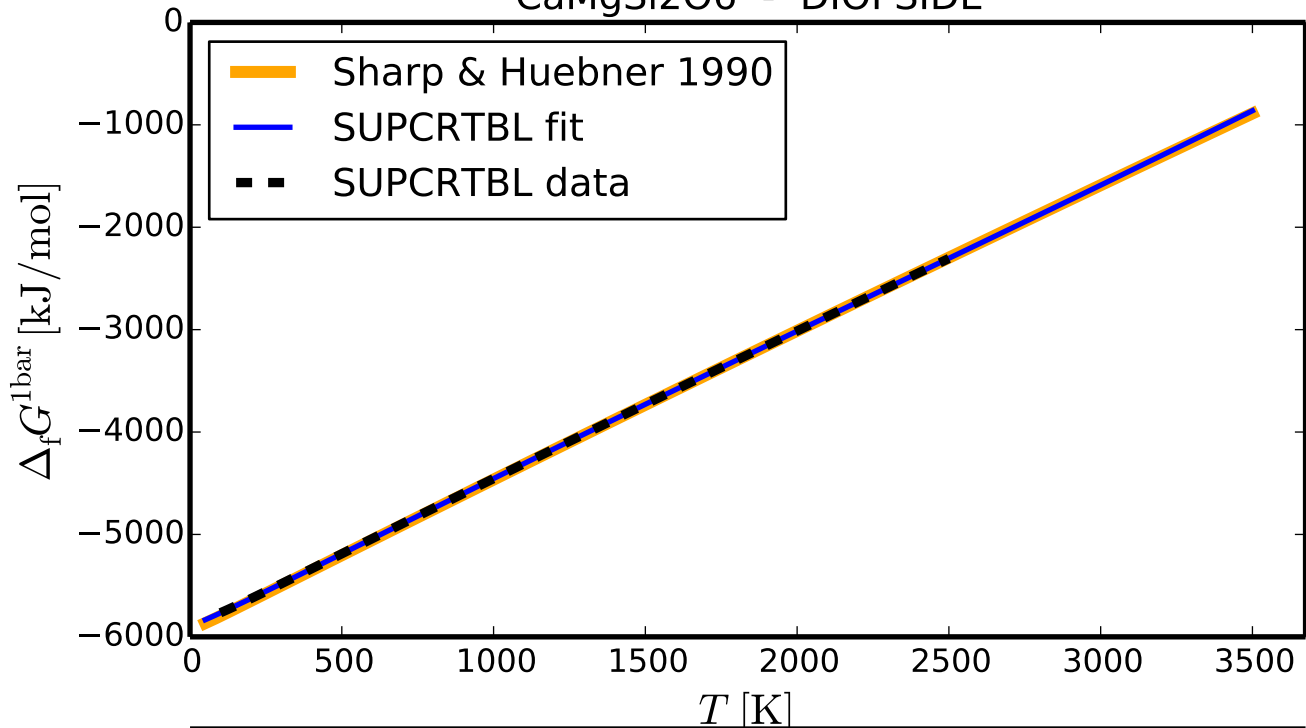


Al<sub>2</sub>SiO<sub>5</sub> - KYANITE

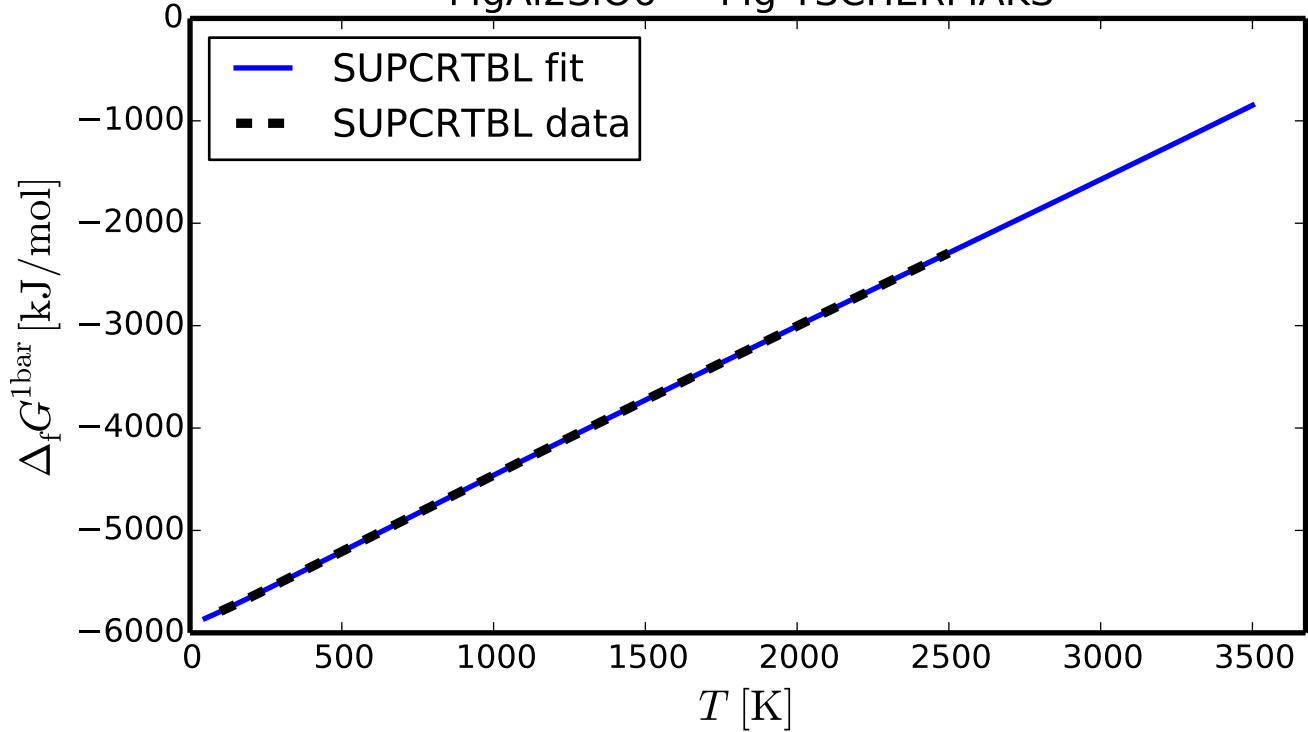


CaMgSiO<sub>4</sub> - MONTICELLITE

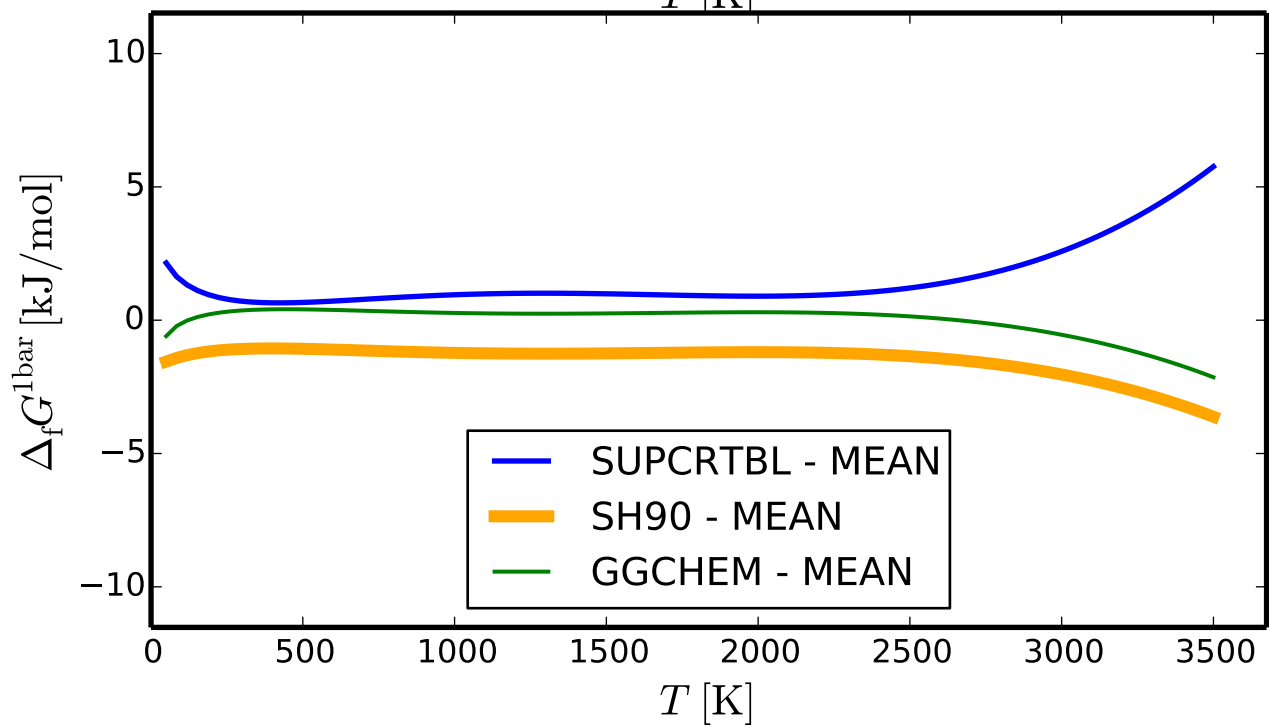
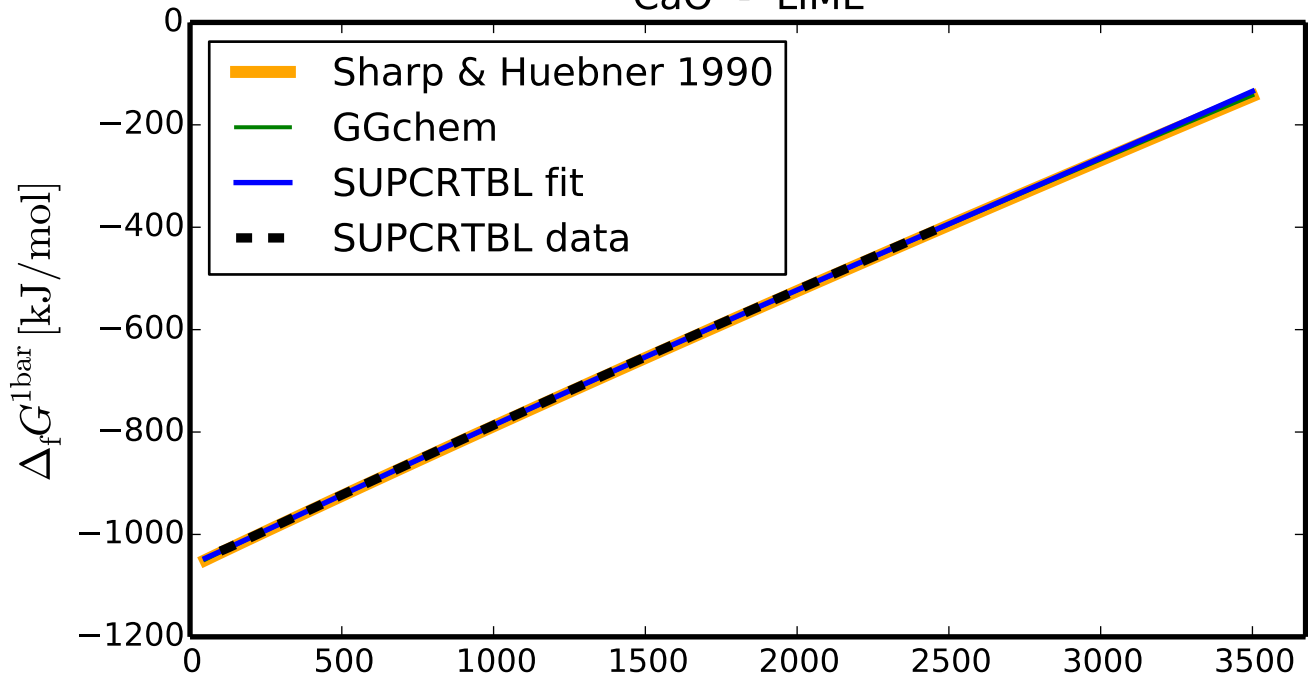
# CaMgSi2O6 - DIOPSIDE



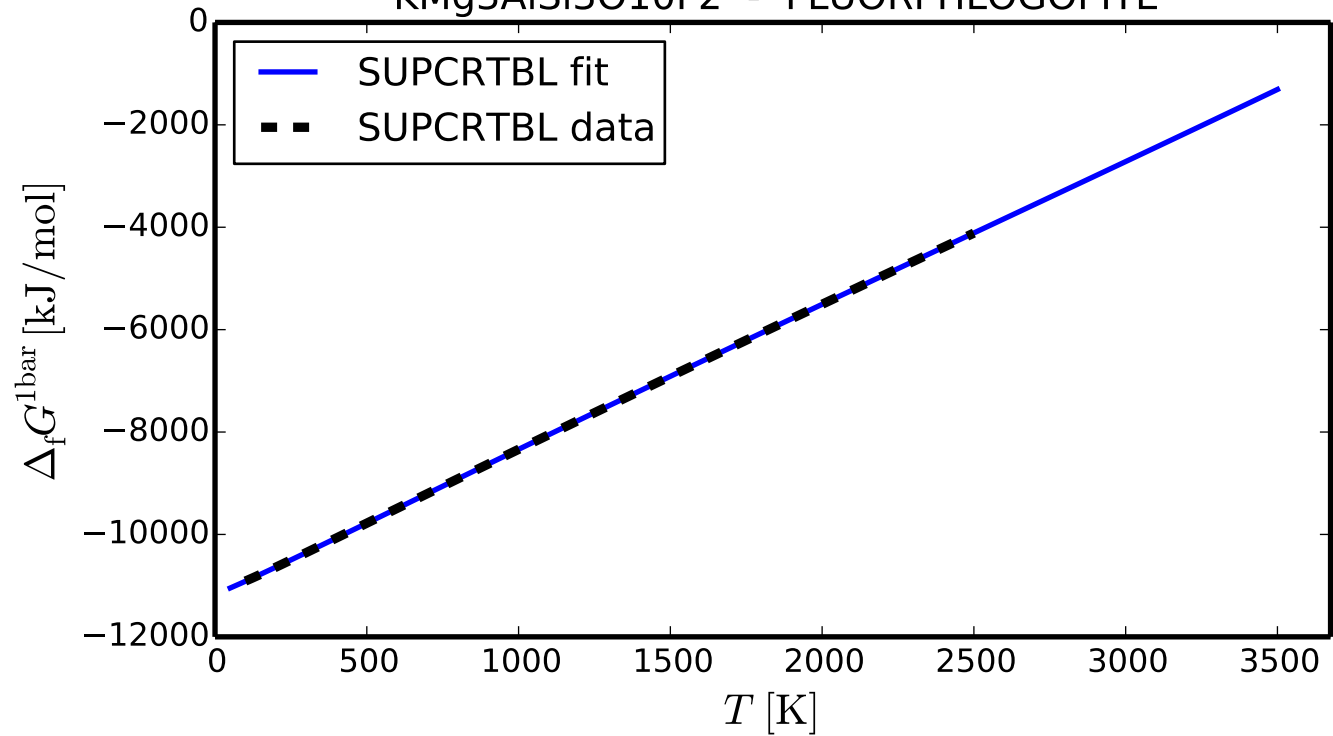
# MgAl<sub>2</sub>SiO<sub>6</sub> - Mg-TSCHERMAKS



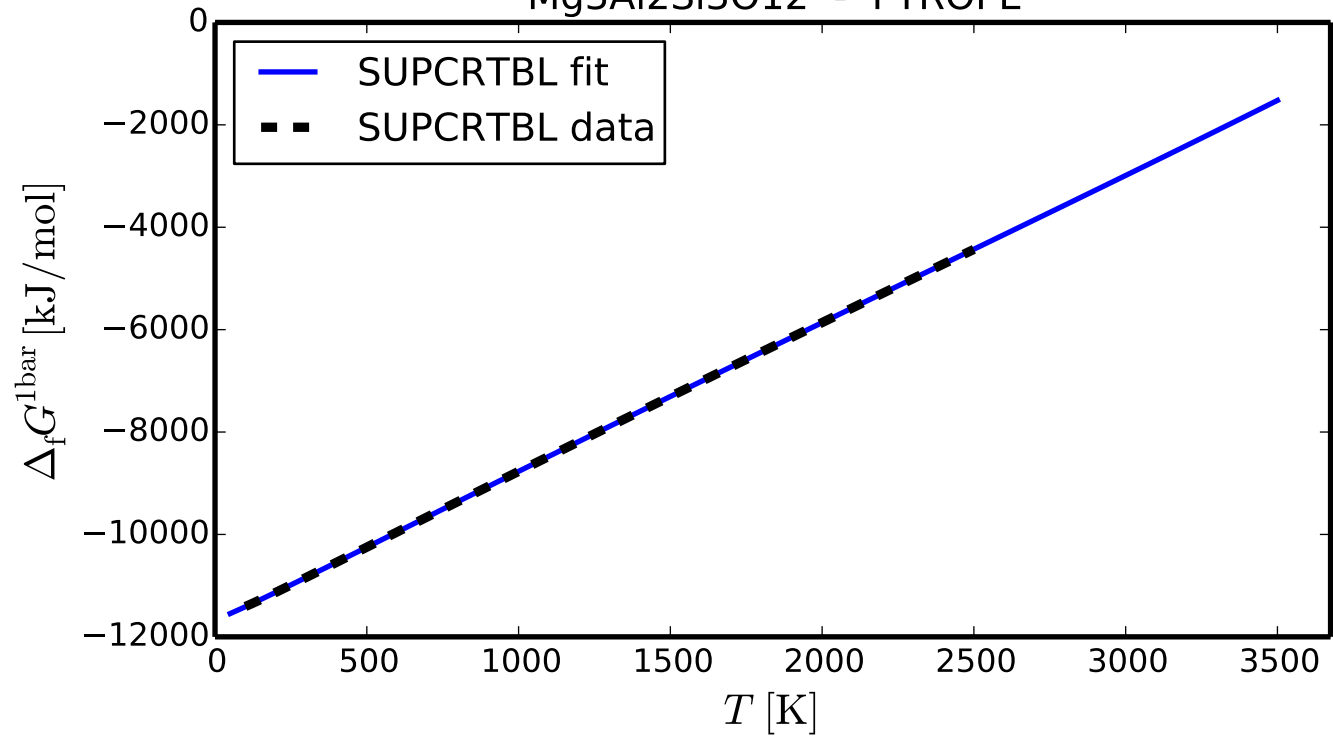
# CaO - LIME



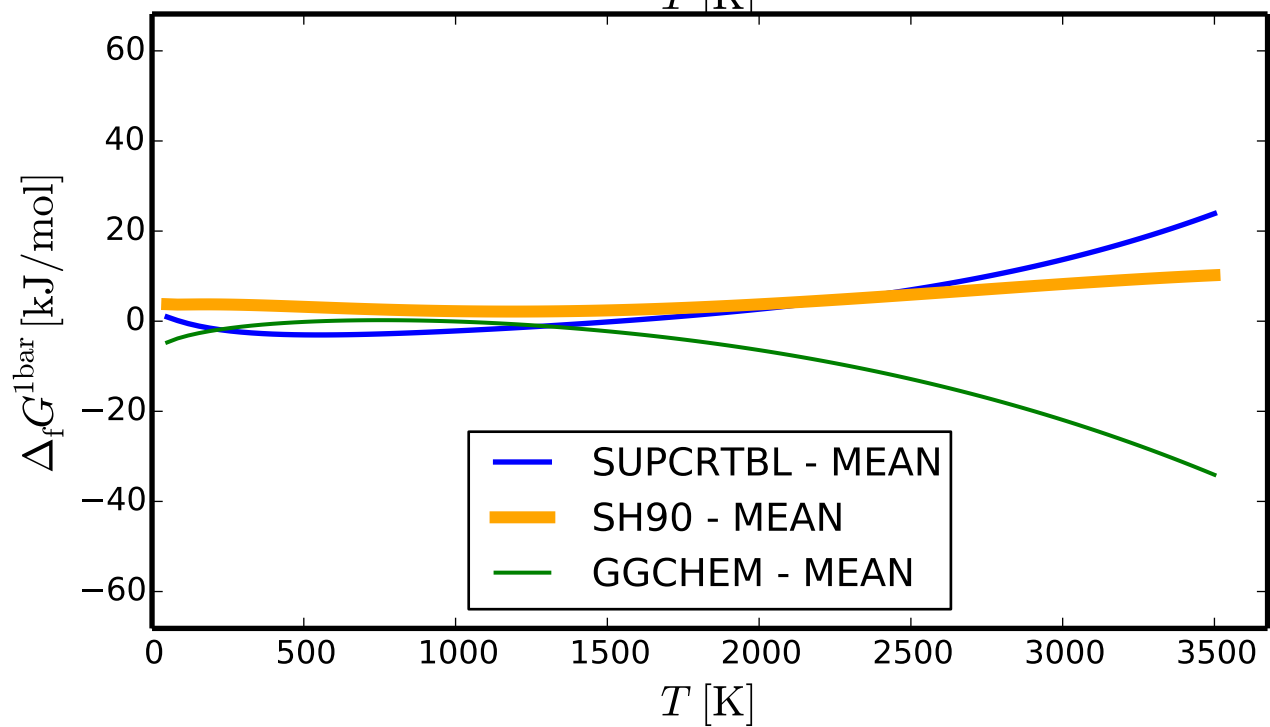
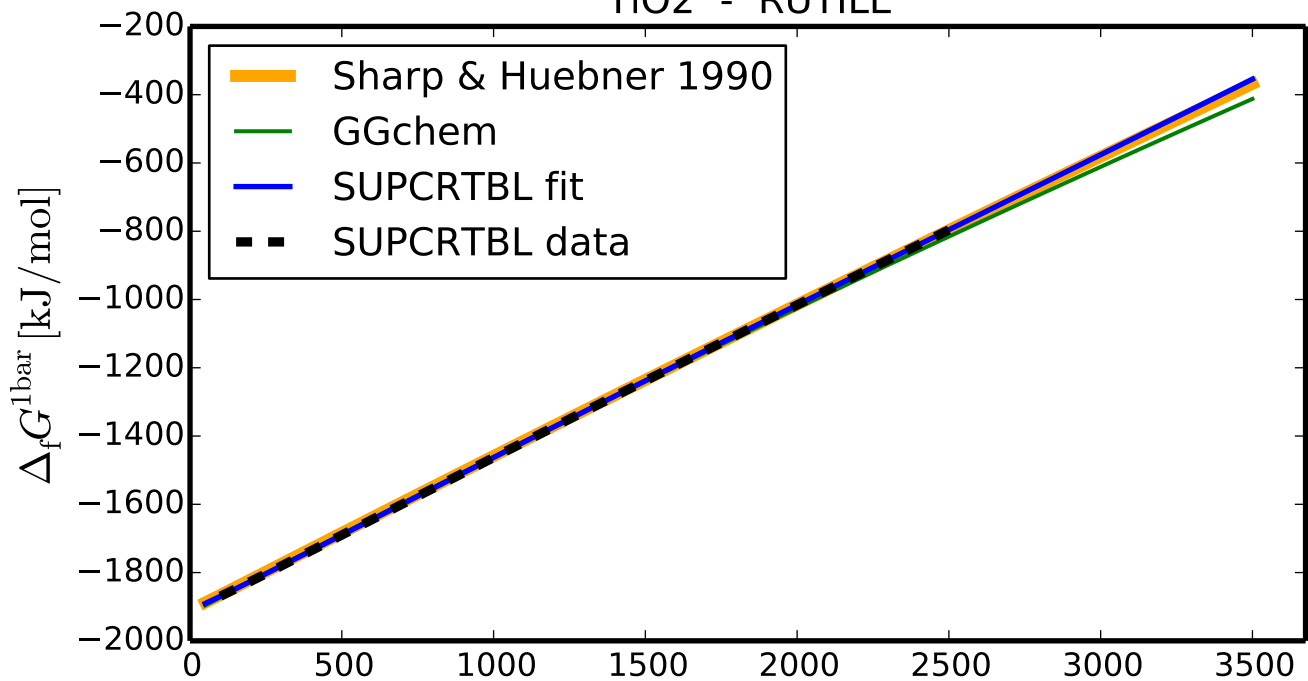
## KMg3AlSi3O10F2 - FLUORPHLOGOPITE



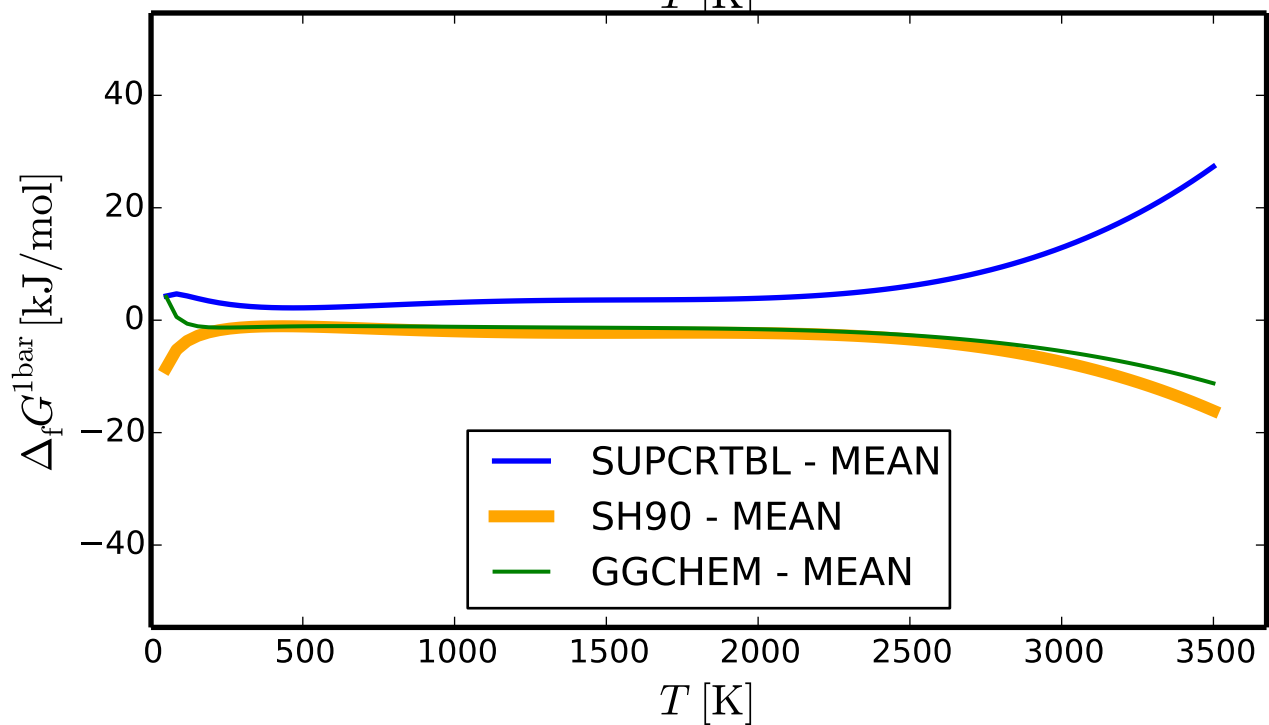
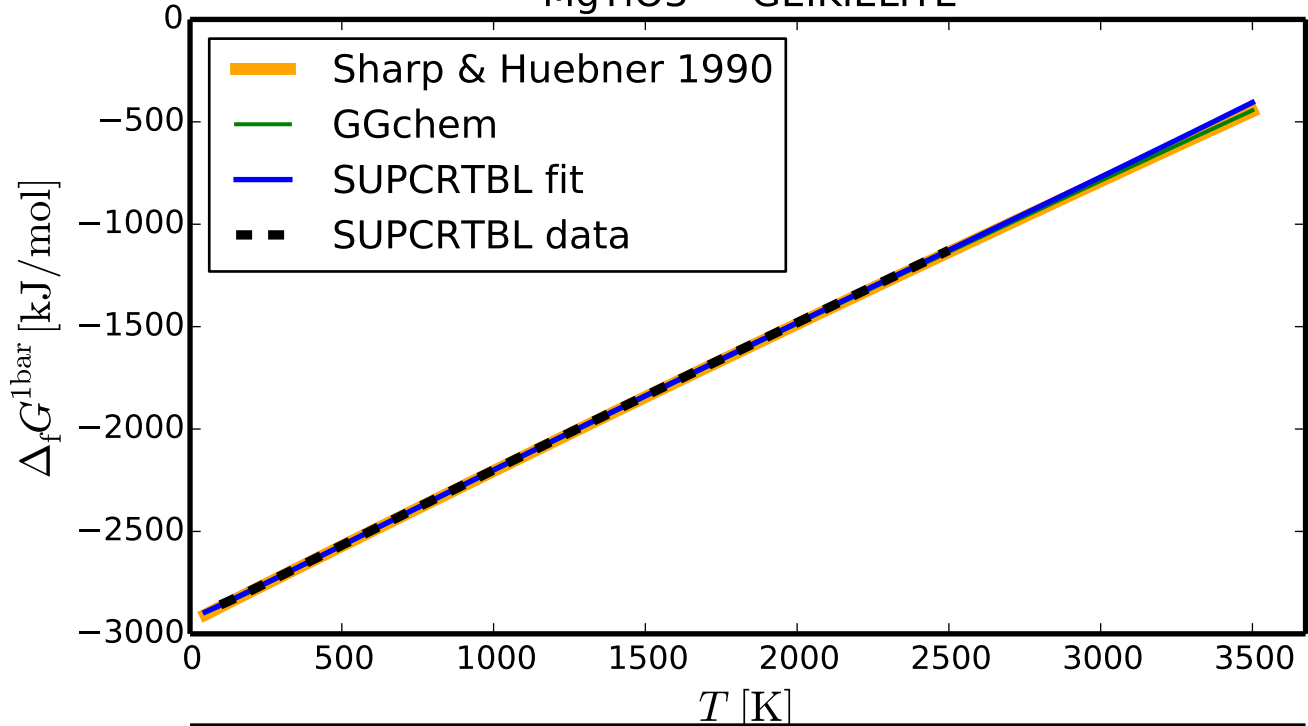
# Mg<sub>3</sub>Al<sub>2</sub>Si<sub>3</sub>O<sub>12</sub> - PYROPE



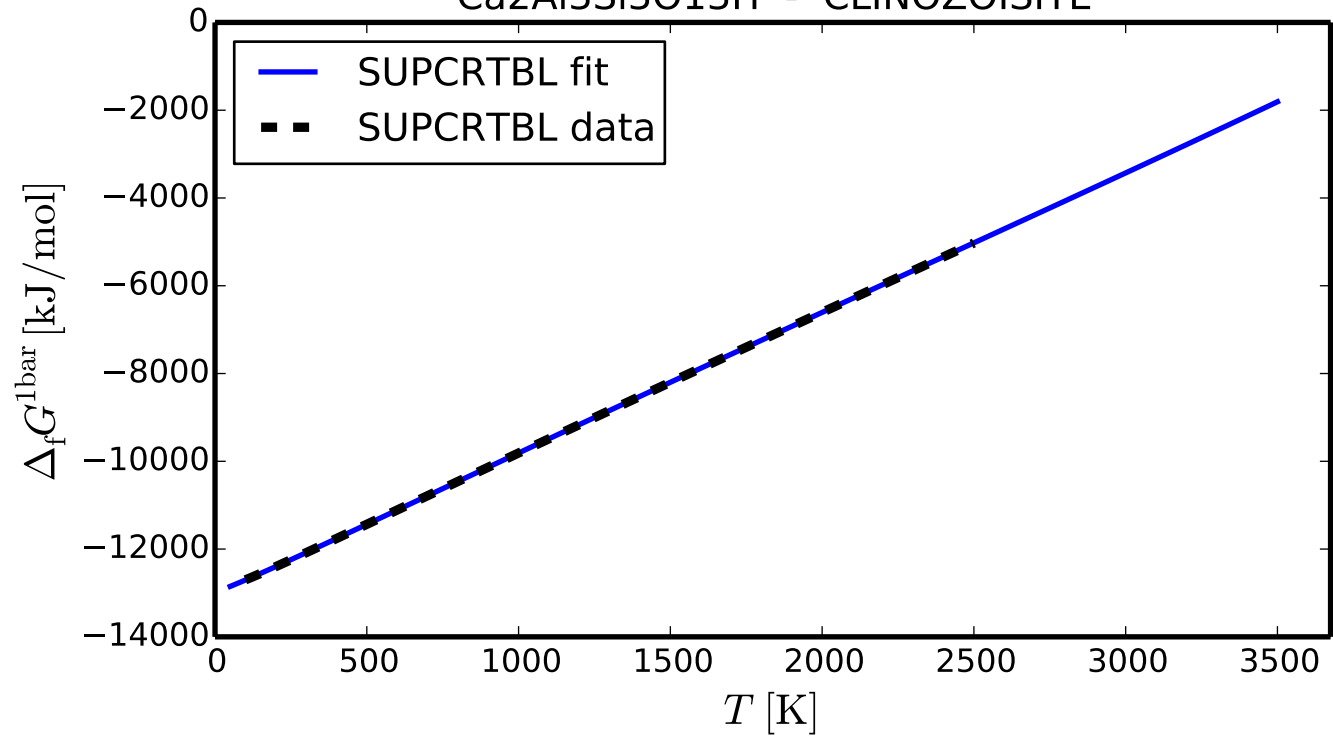
# TiO<sub>2</sub> - RUTILE



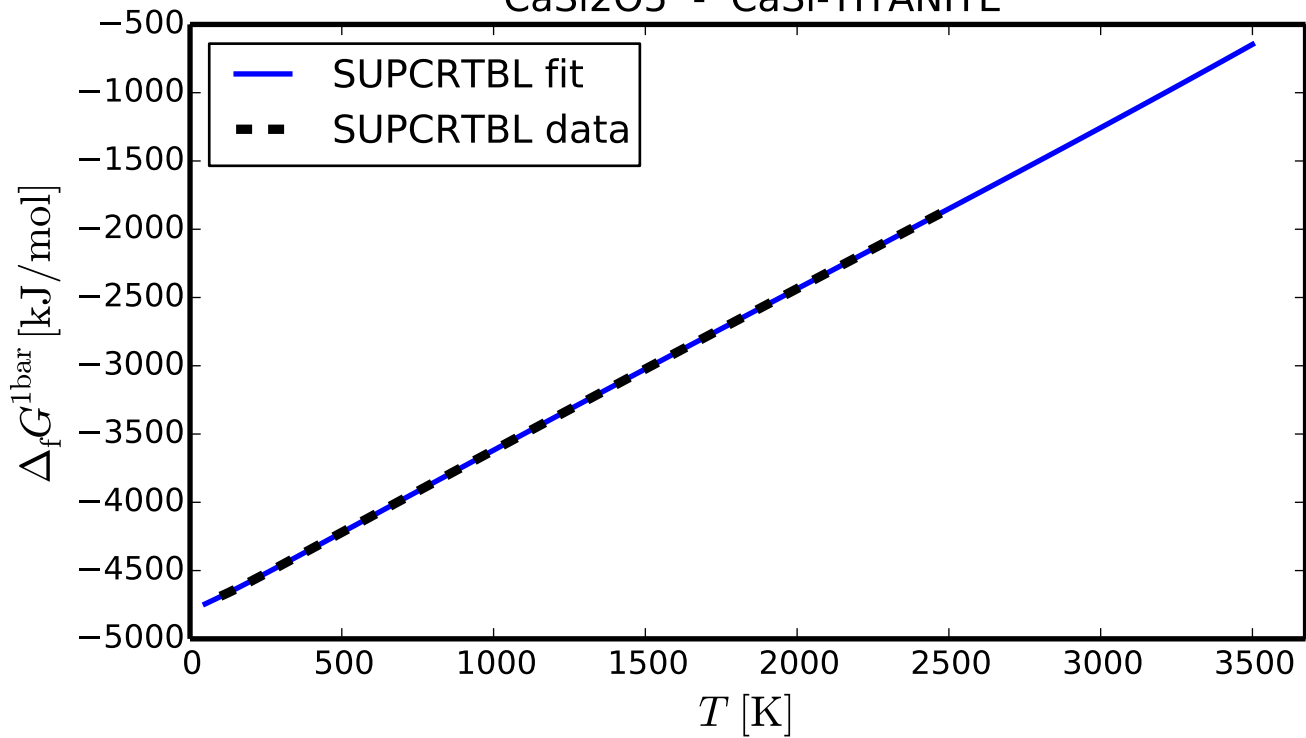
## MgTiO3 - GEIKIELITE

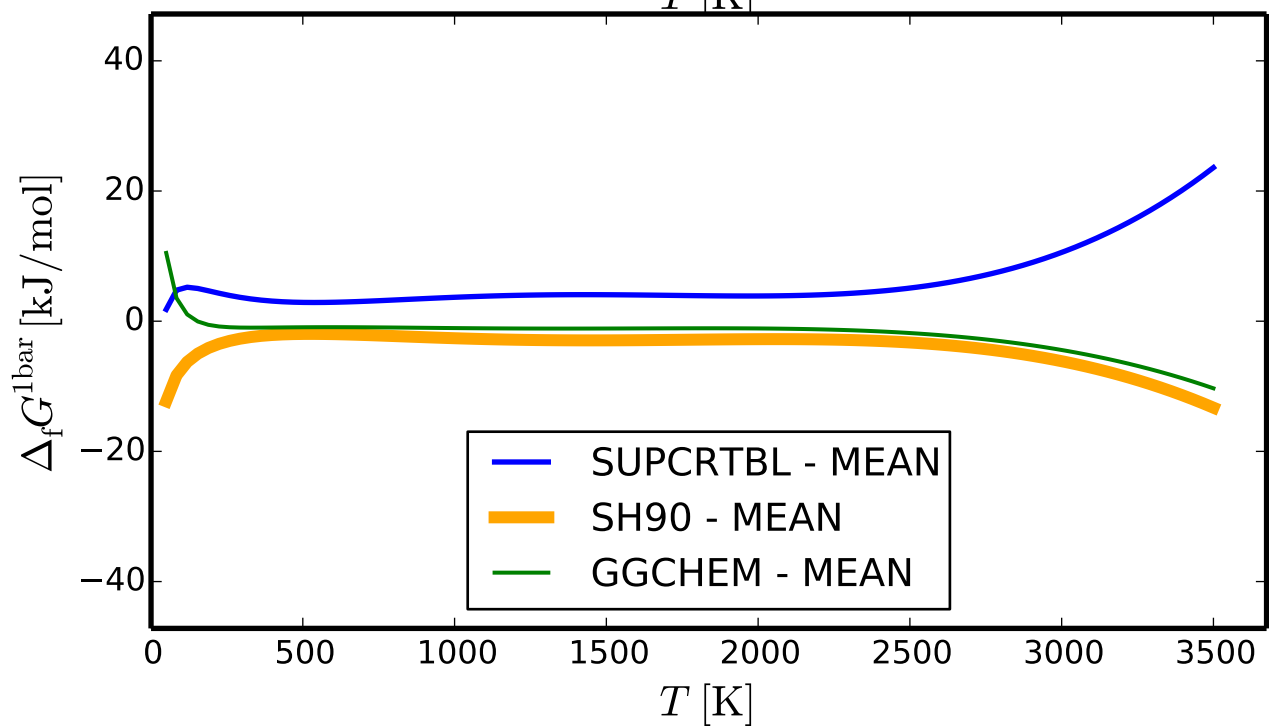
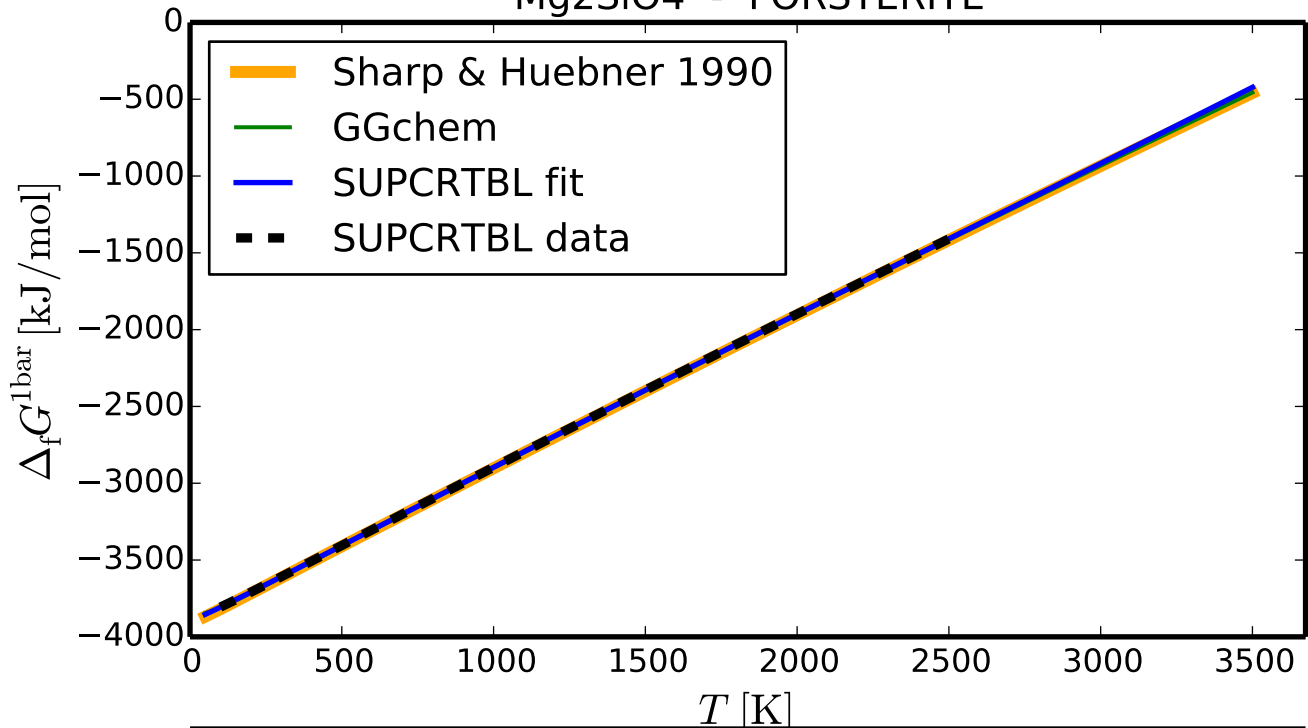


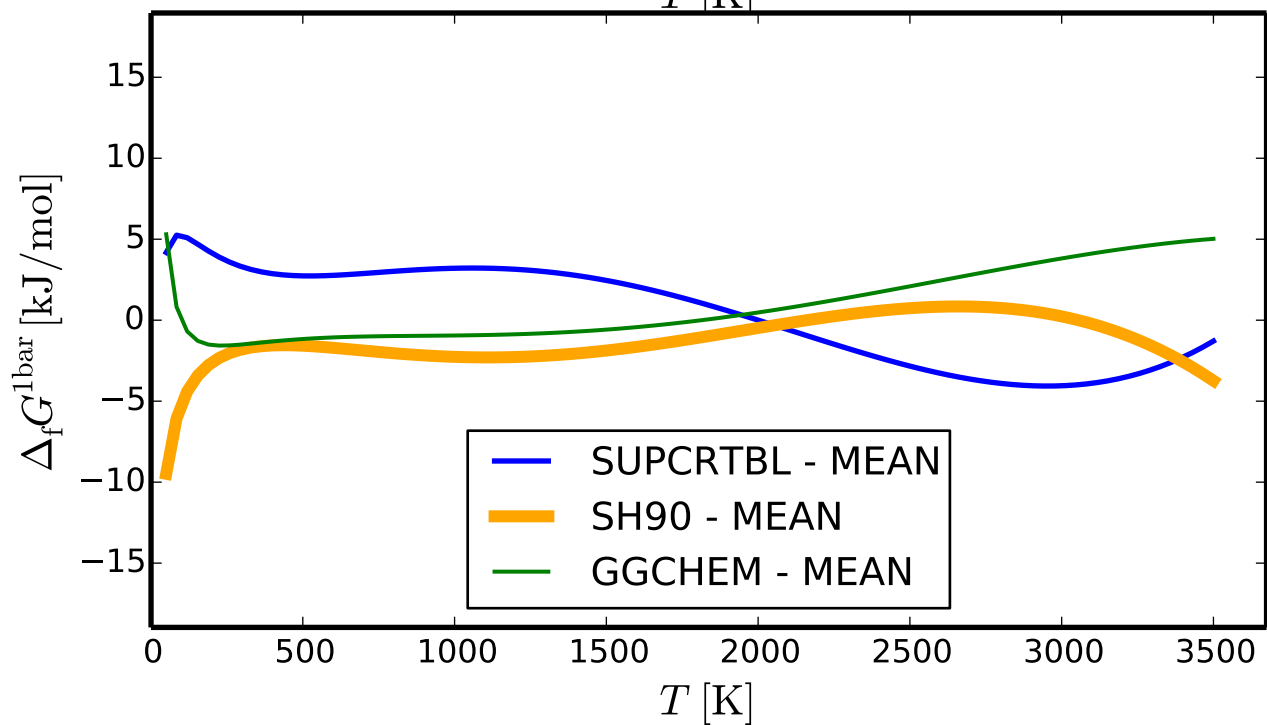
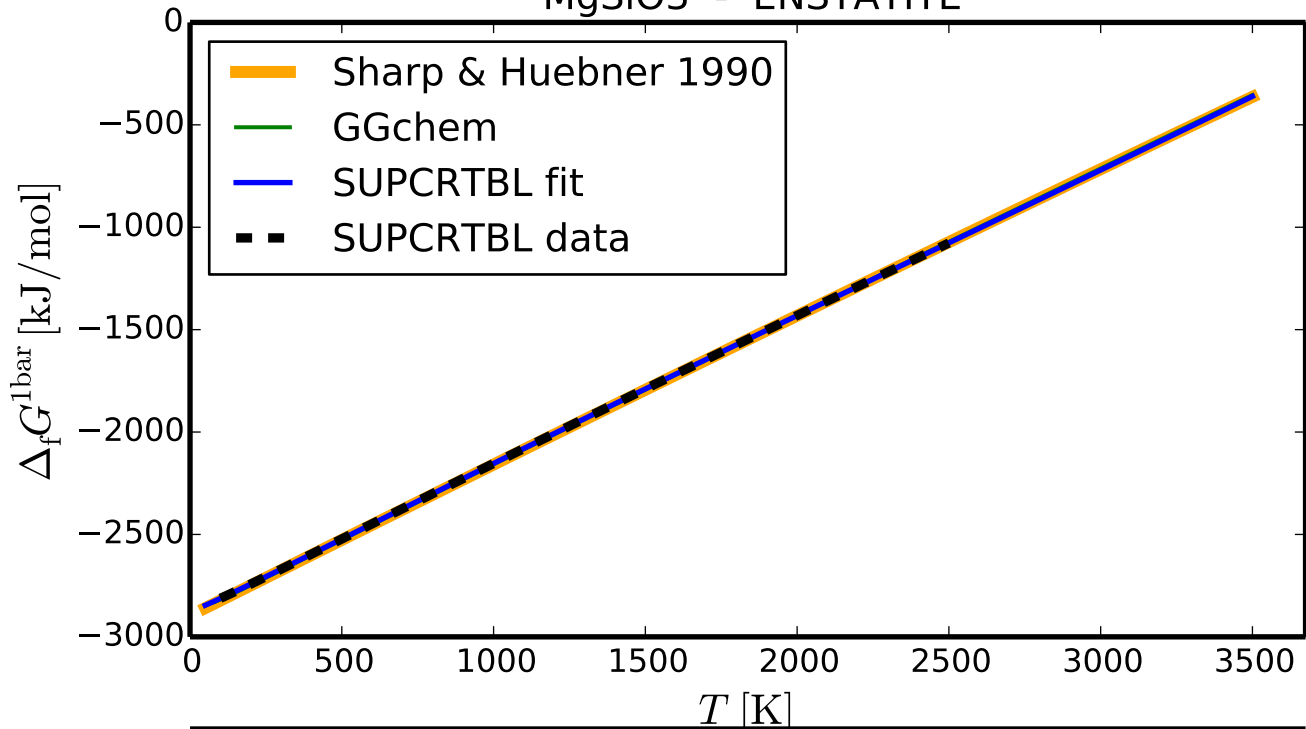


Ca<sub>2</sub>Al<sub>3</sub>Si<sub>3</sub>O<sub>13</sub>H - CLINOZOISITE

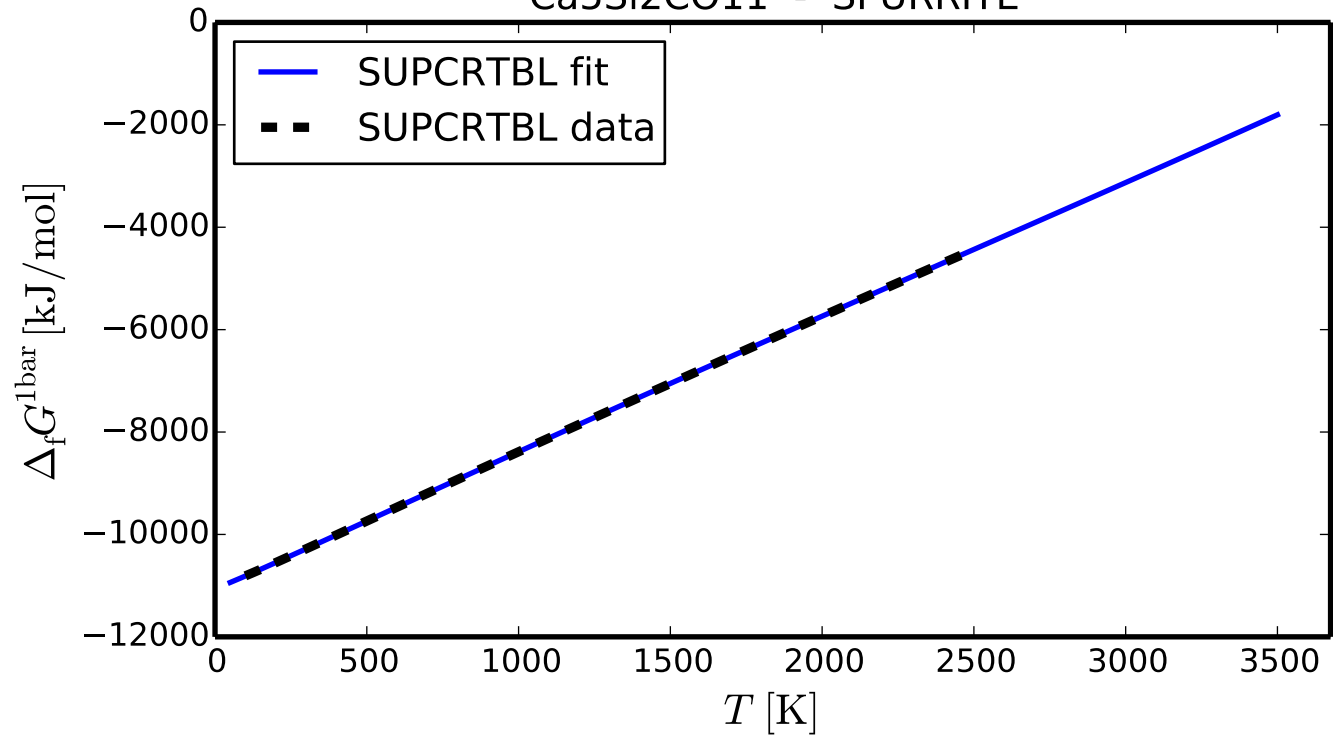
## CaSi2O5 - CaSi-TITANITE



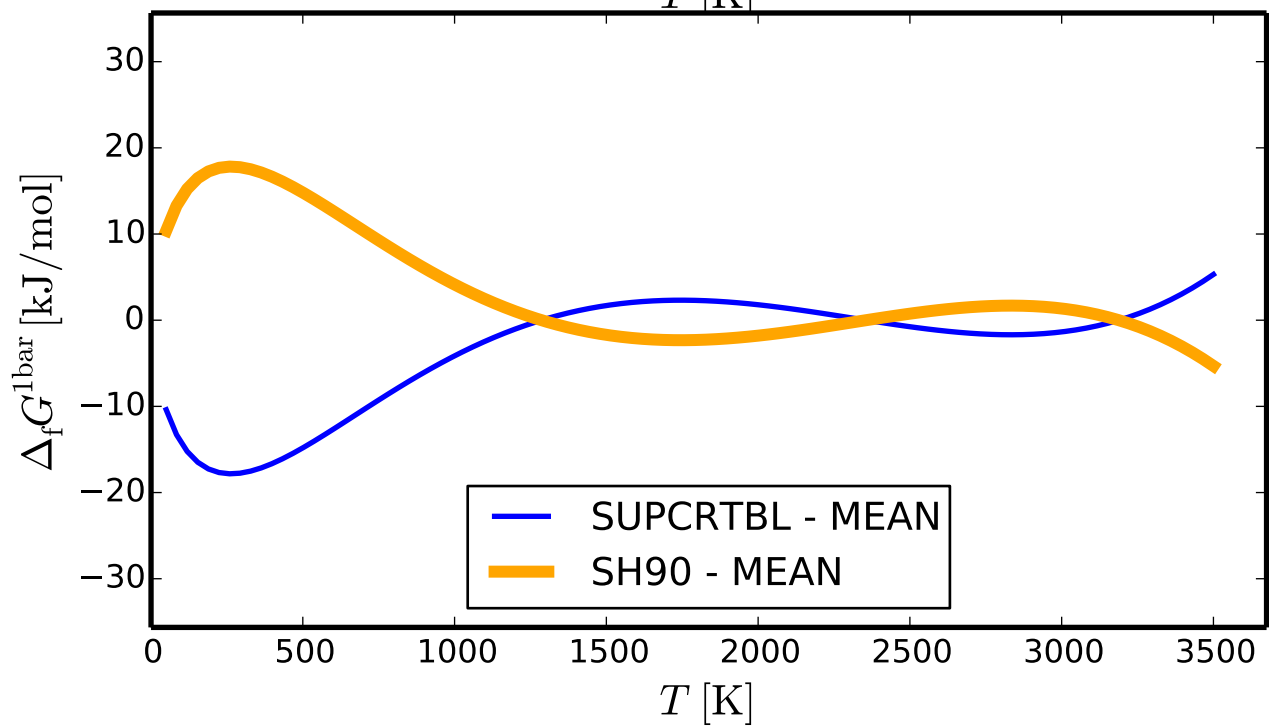
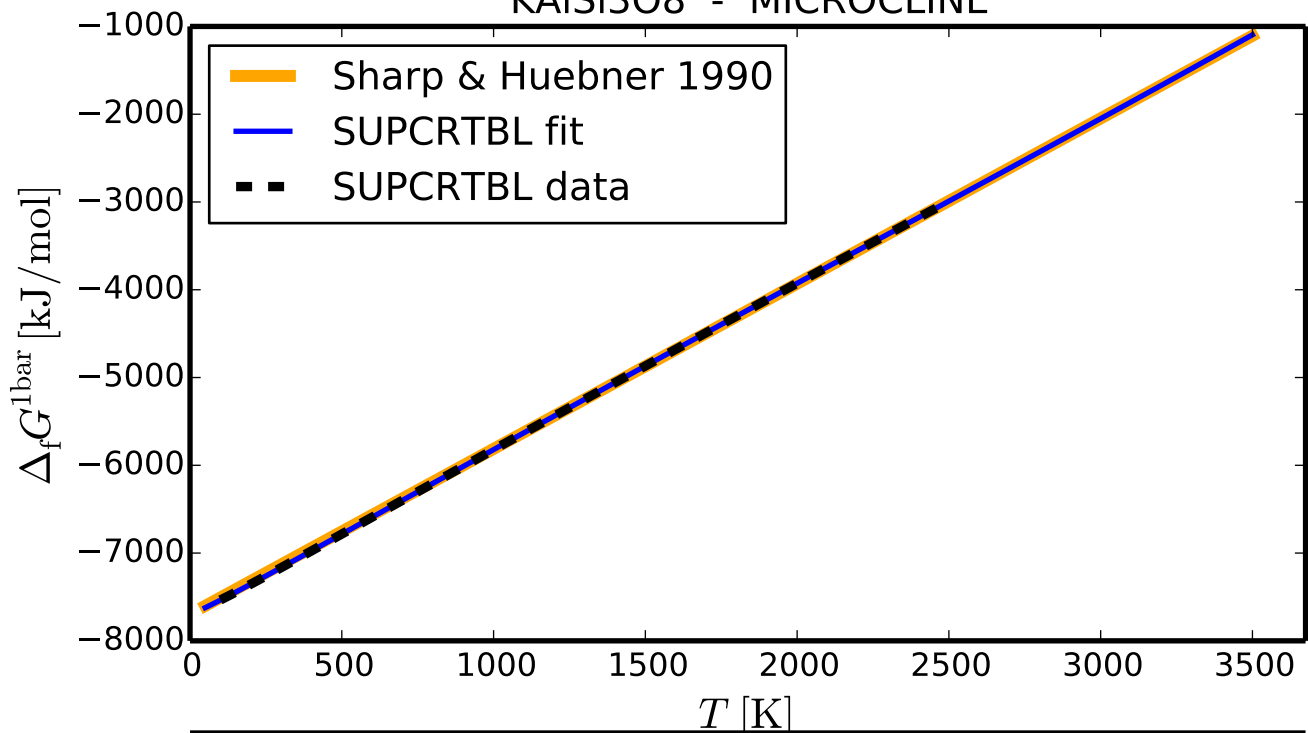
Mg<sub>2</sub>SiO<sub>4</sub> - FORSTERITE

MgSiO<sub>3</sub> - ENSTATITE

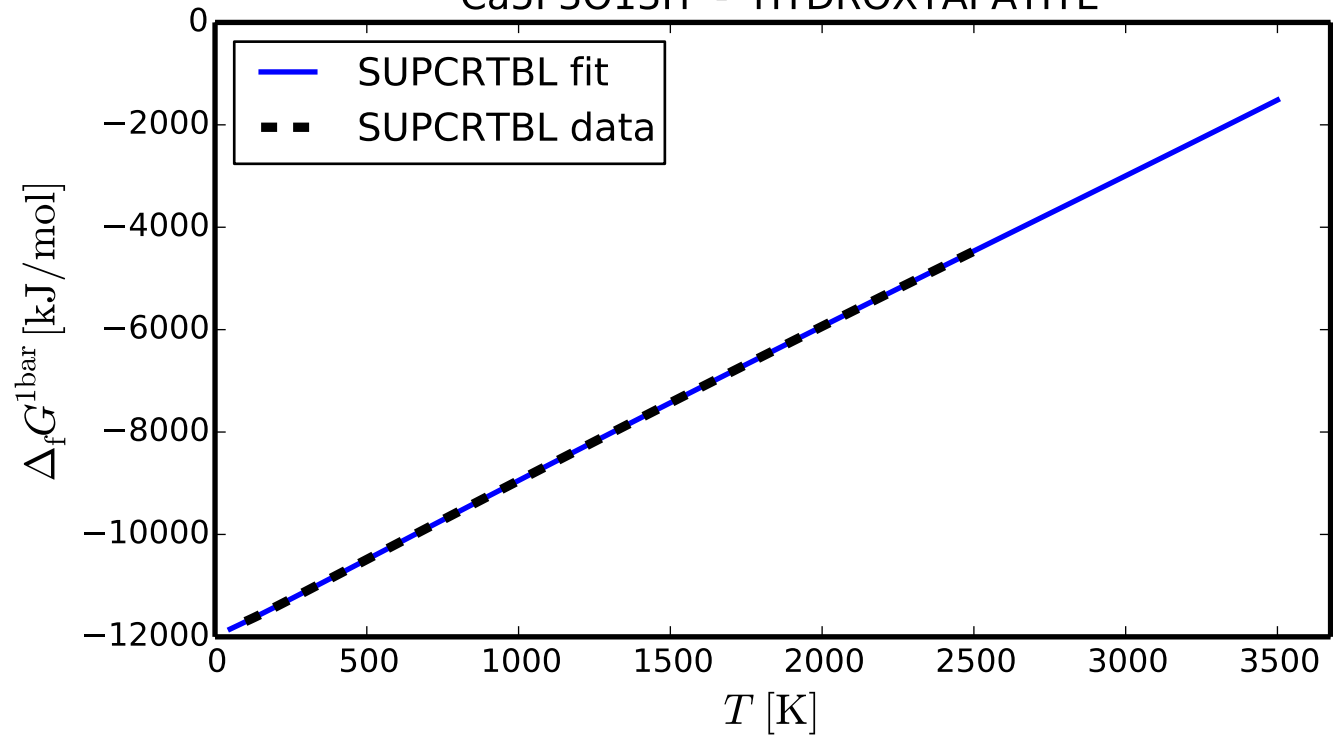
## Ca5Si2CO11 - SPURRITE



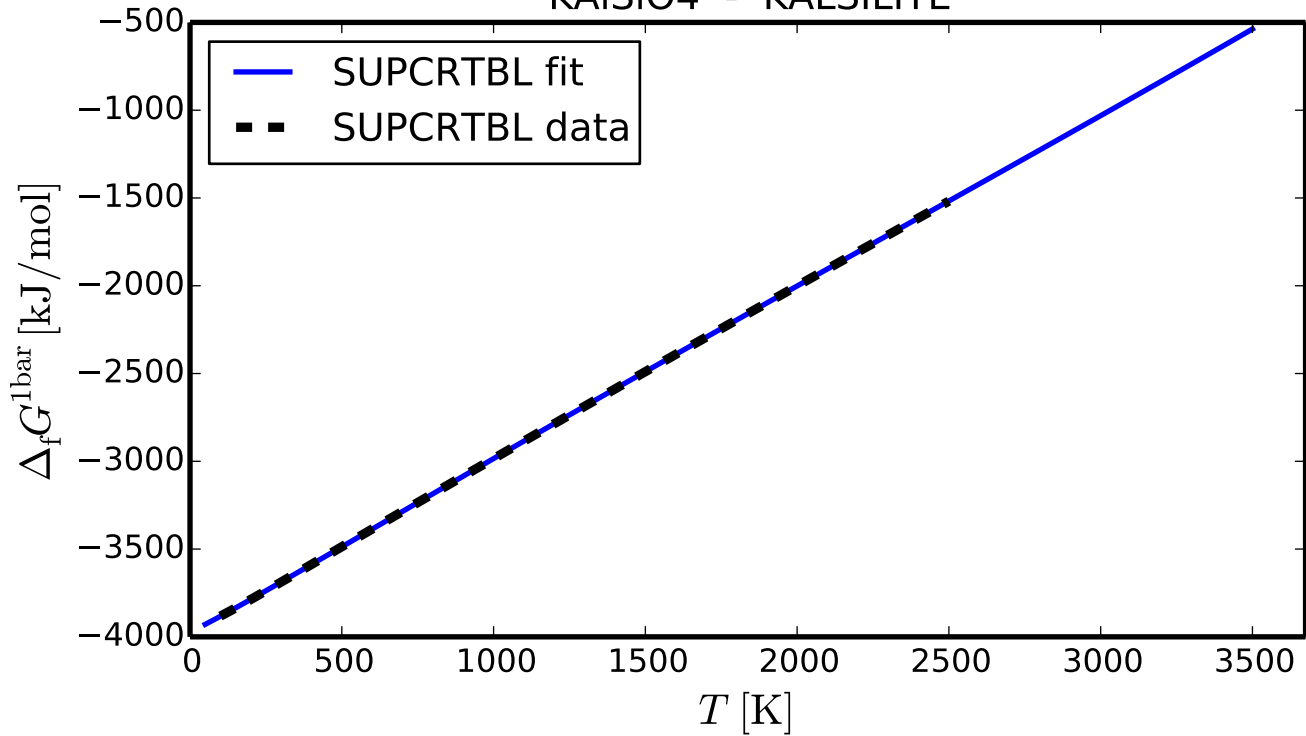
# KAiSi3O8 - MICROCLINE



## Ca5P3O13H - HYDROXYAPATITE

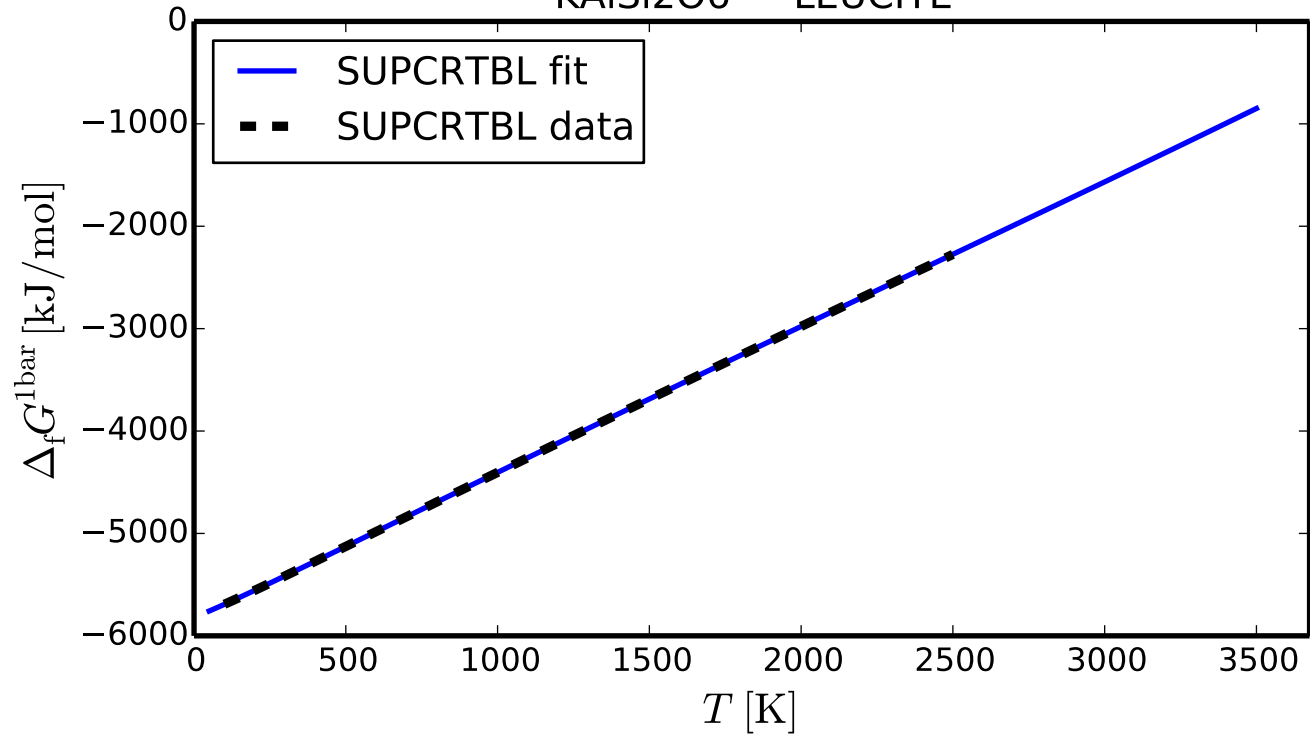


## KAISiO4 - KALSILITE

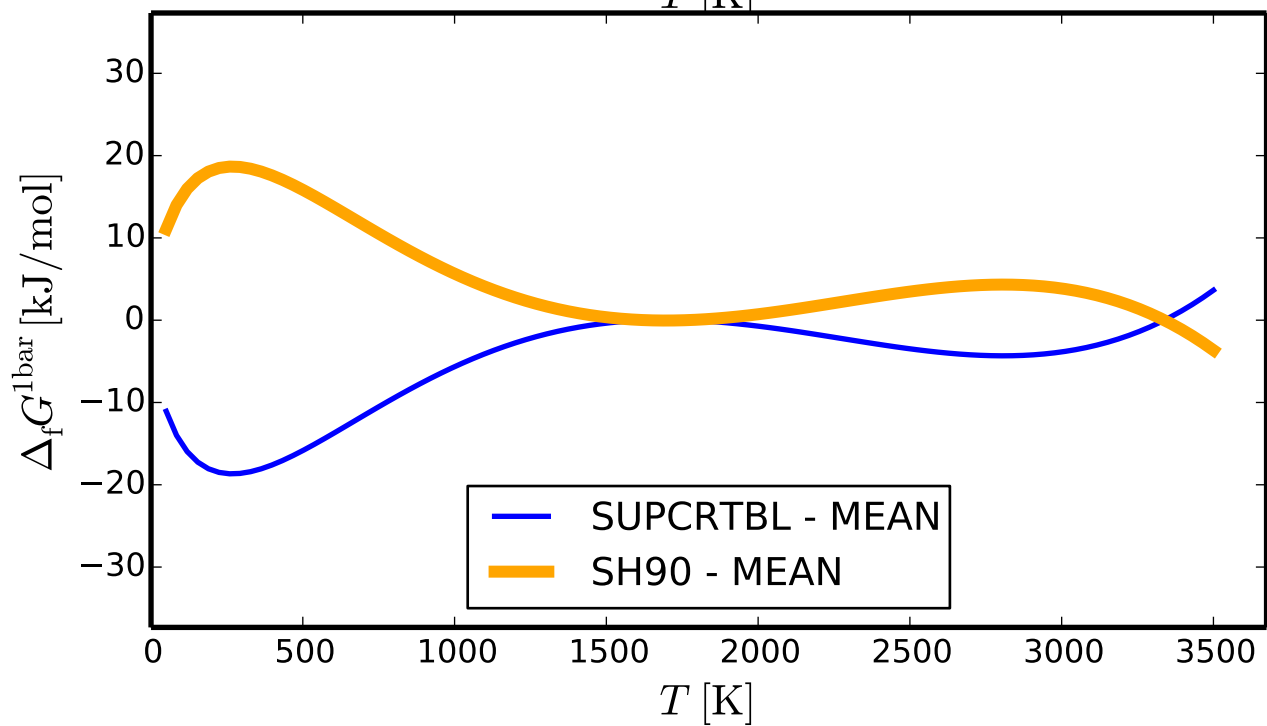
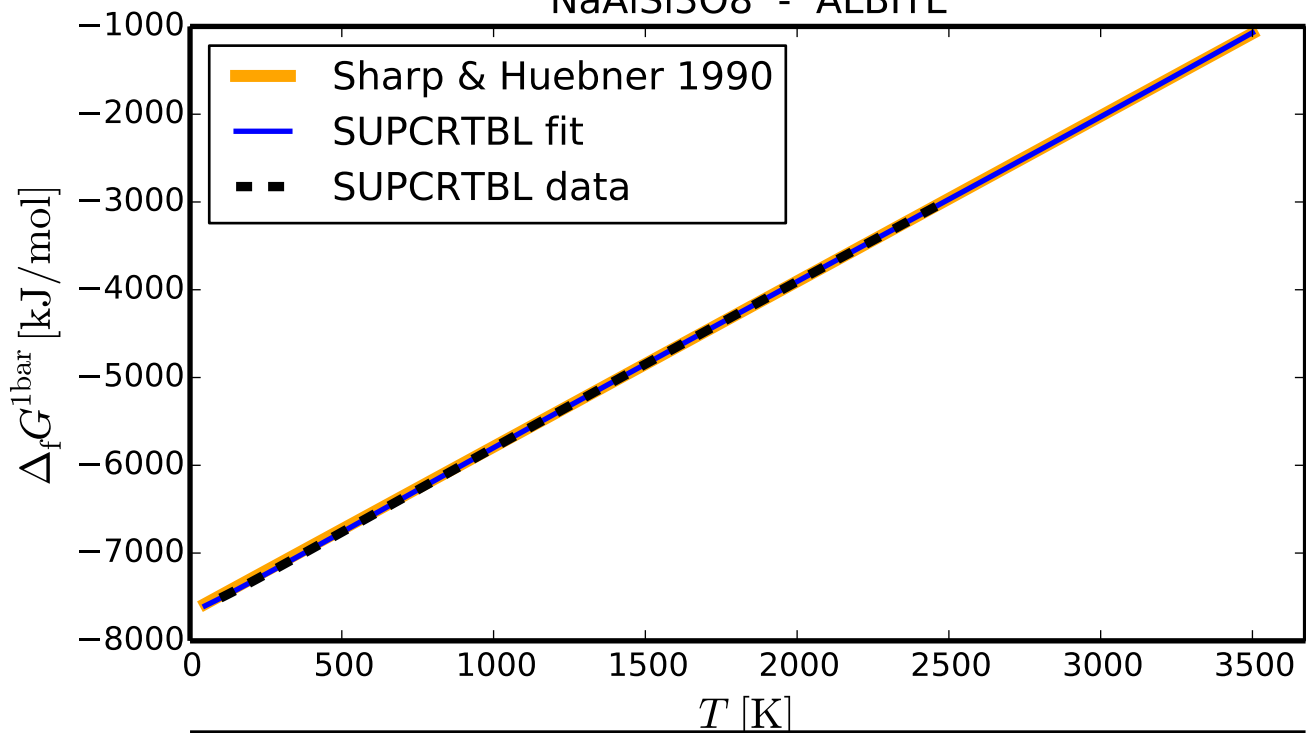


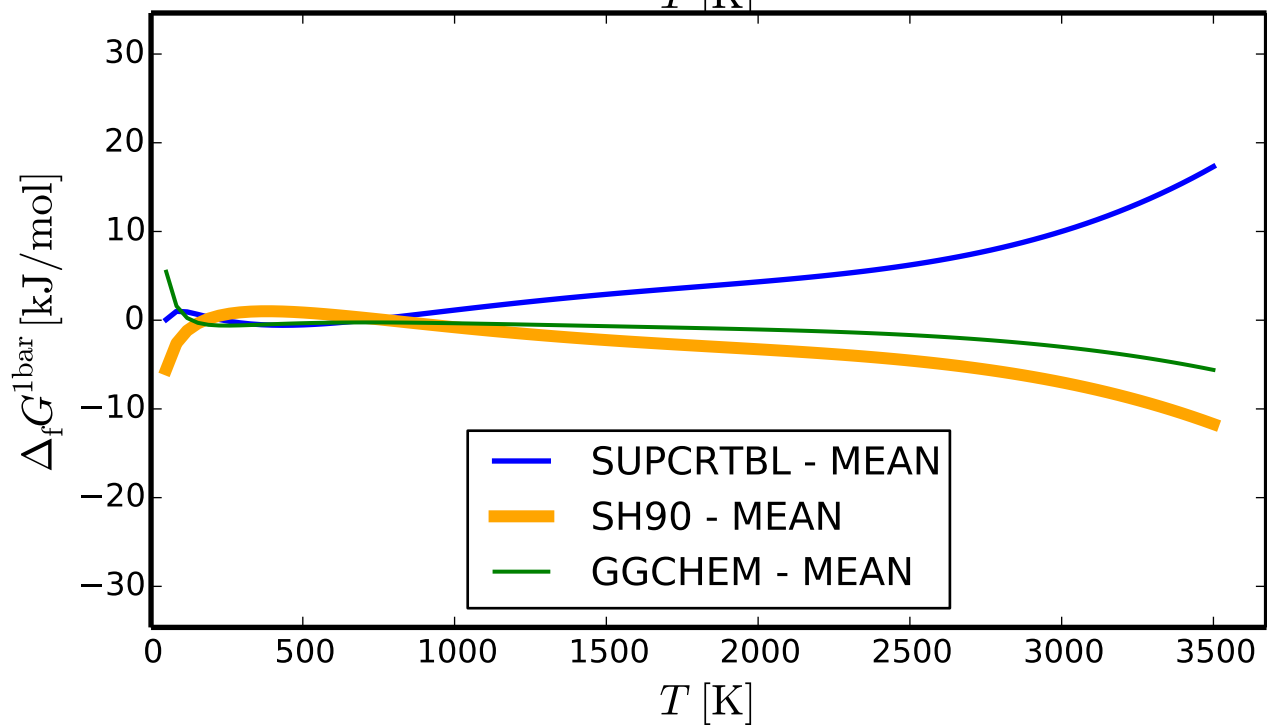
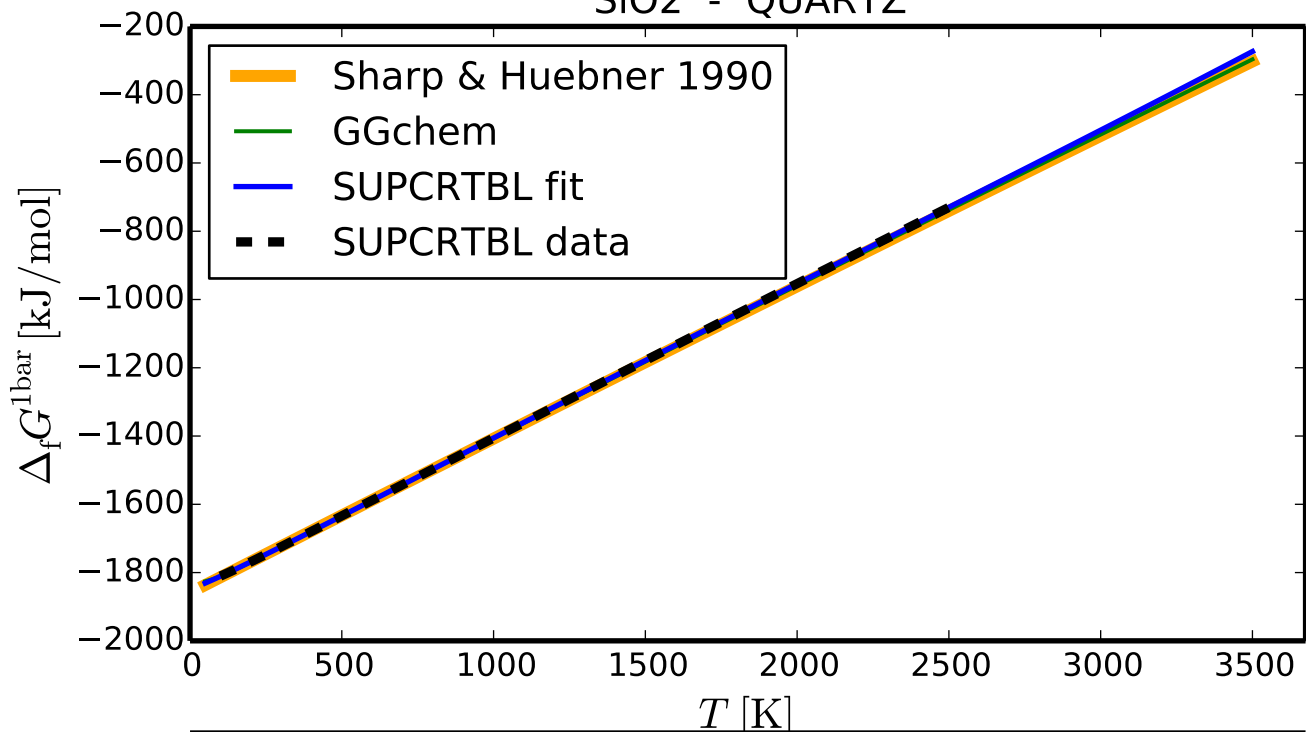


# KAISi2O6 - LEUCITE

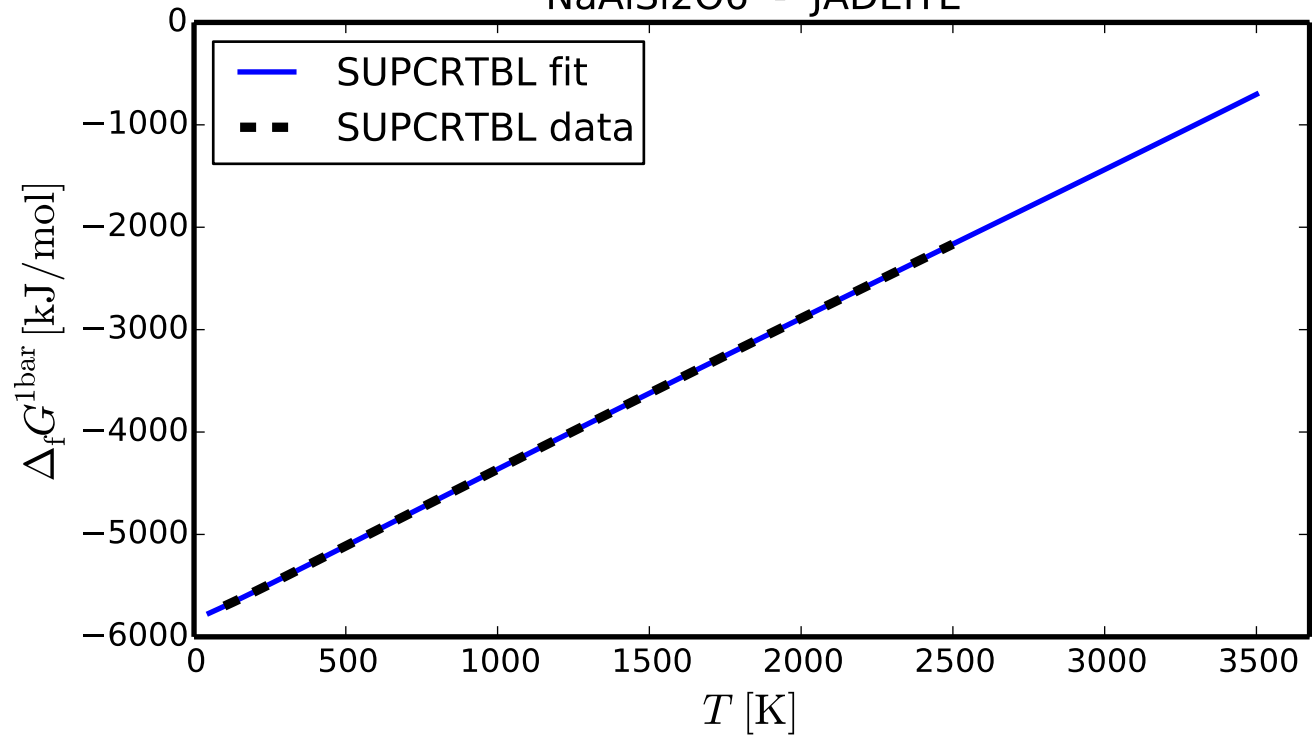


## NaAlSi3O8 - ALBITE

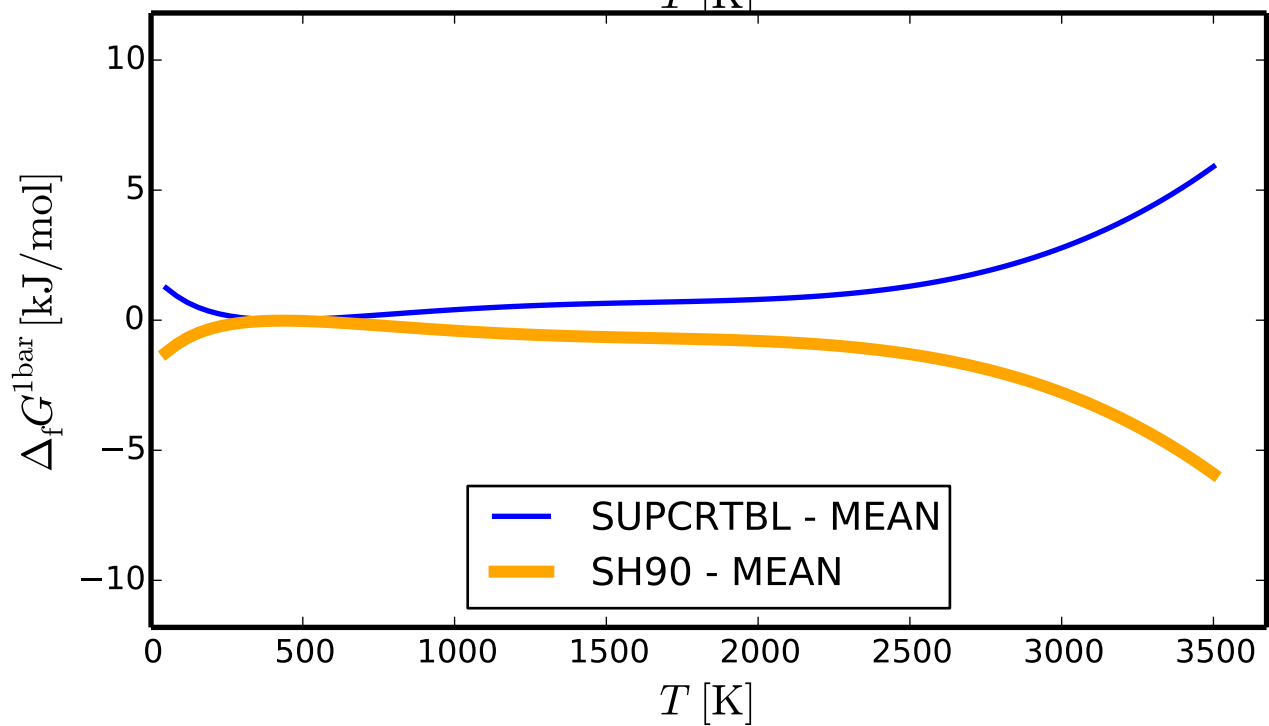
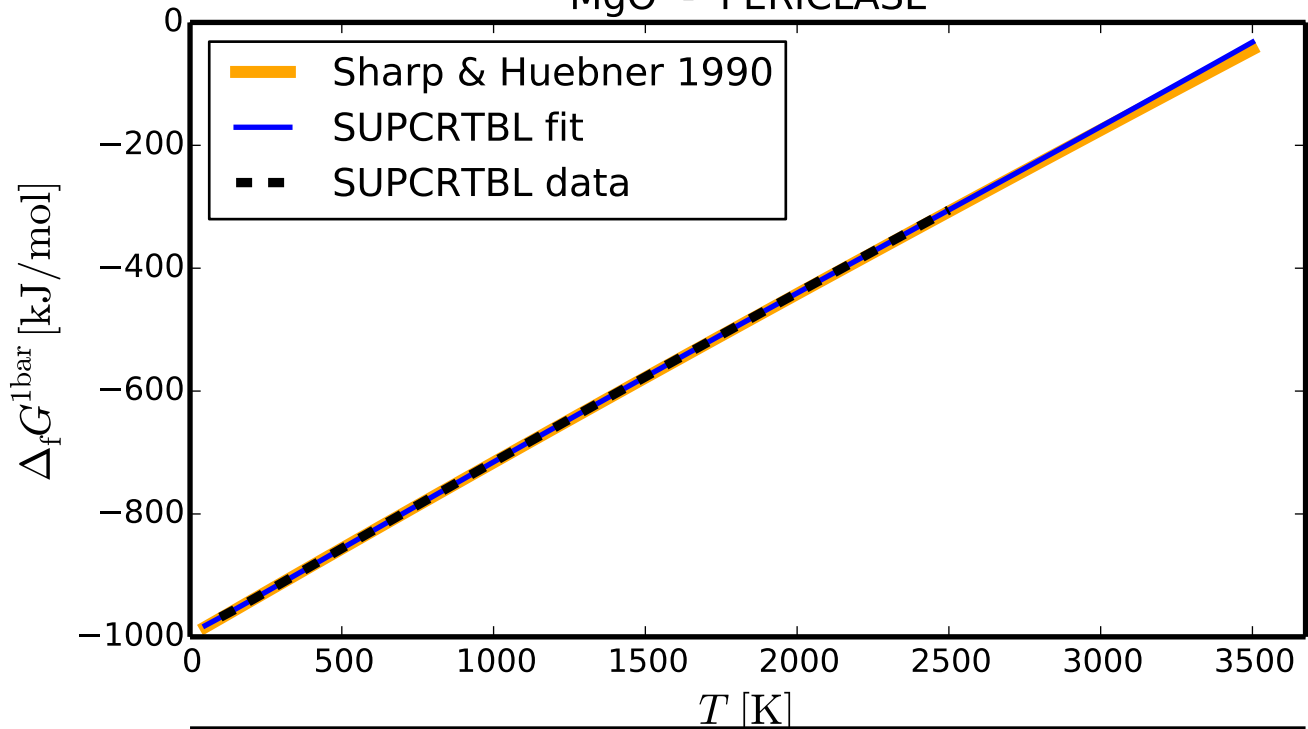


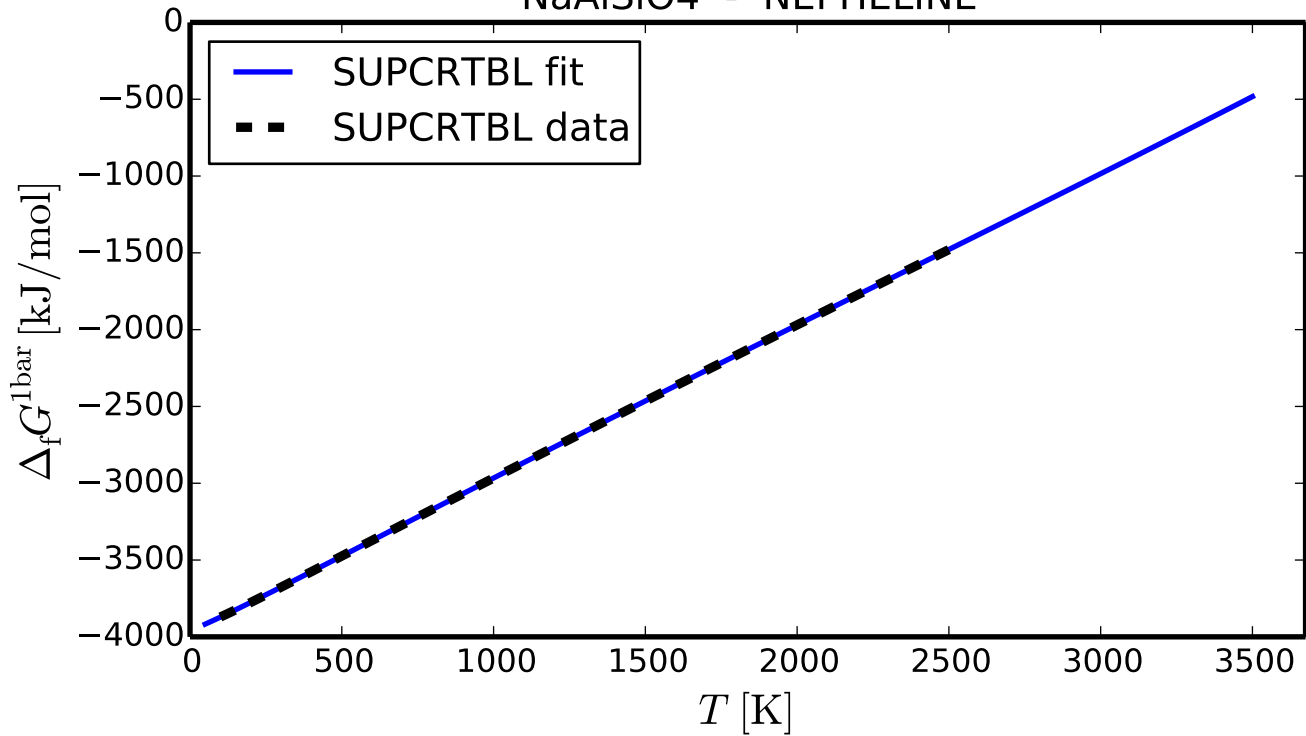
SiO<sub>2</sub> - QUARTZ

## NaAlSi2O6 - JADEITE

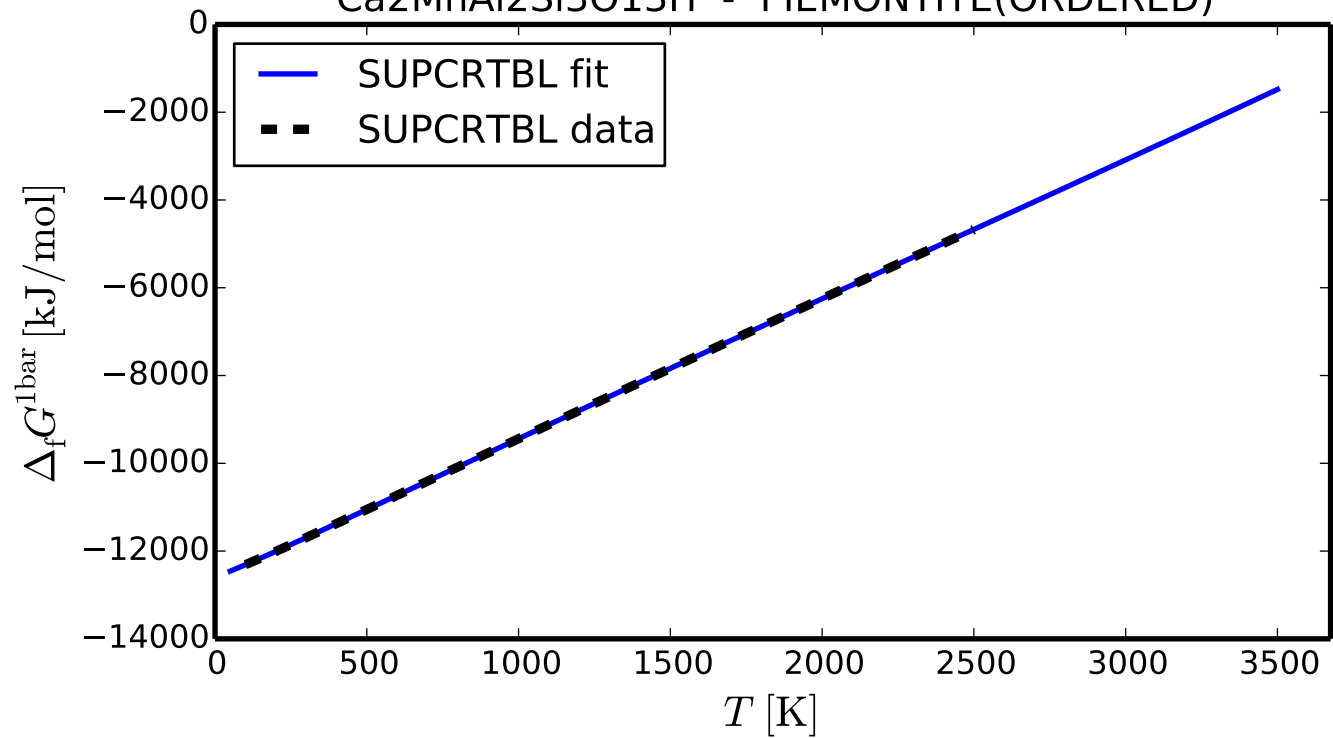


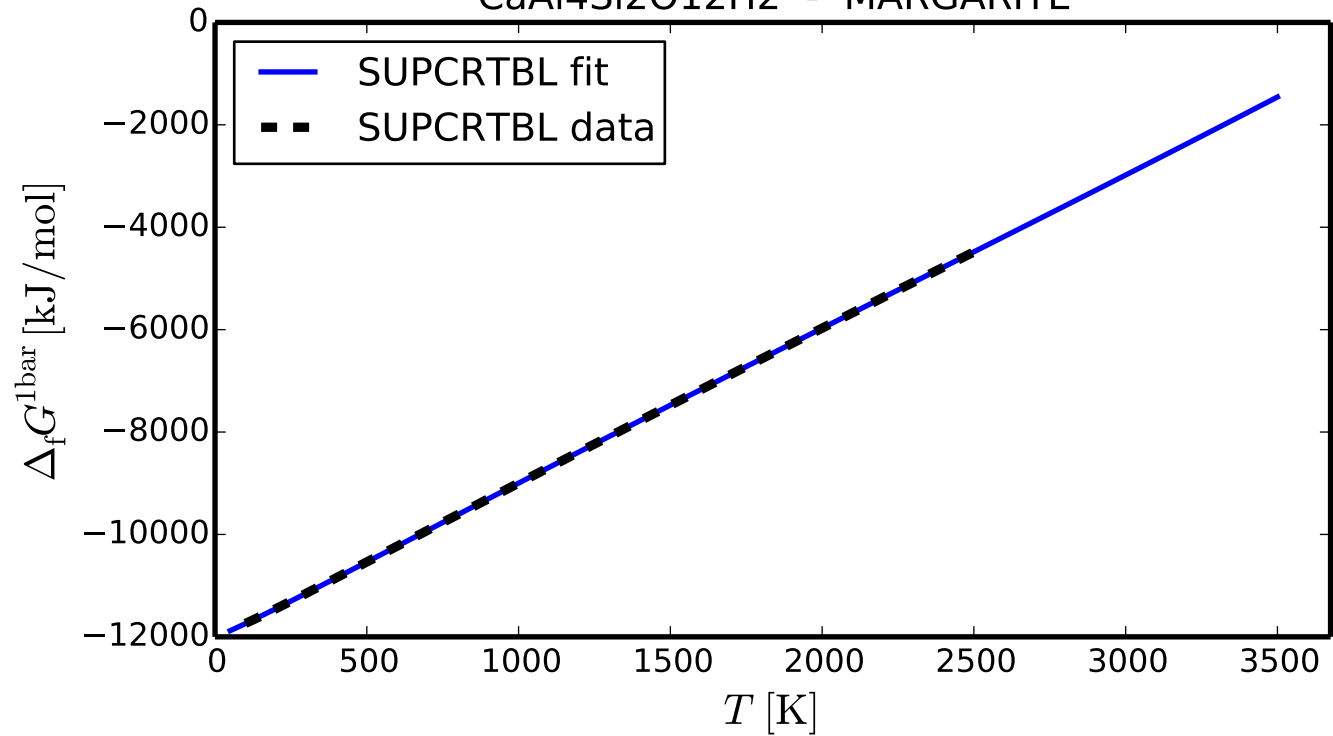
## MgO - PERICLASE



NaAlSiO<sub>4</sub> - NEPHELINE

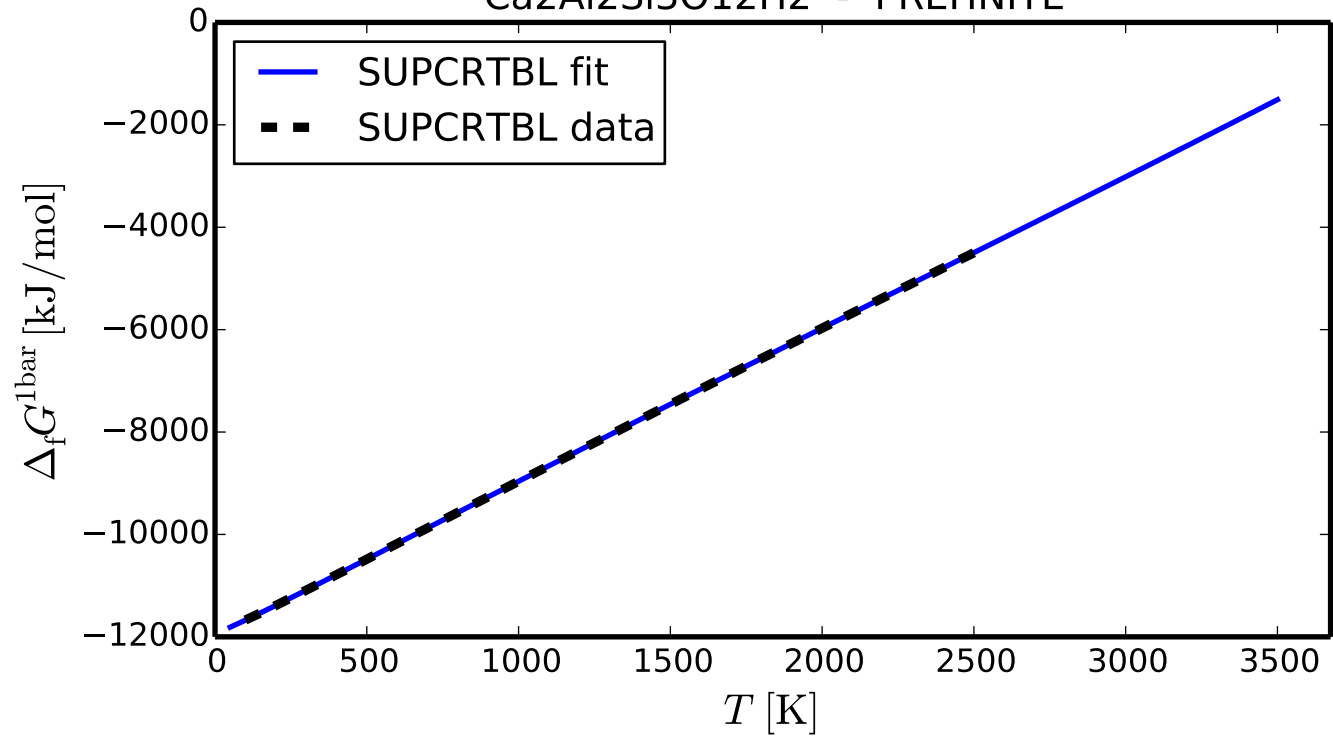
## Ca2MnAl2Si3O13H - PIEMONTITE(ORDERED)

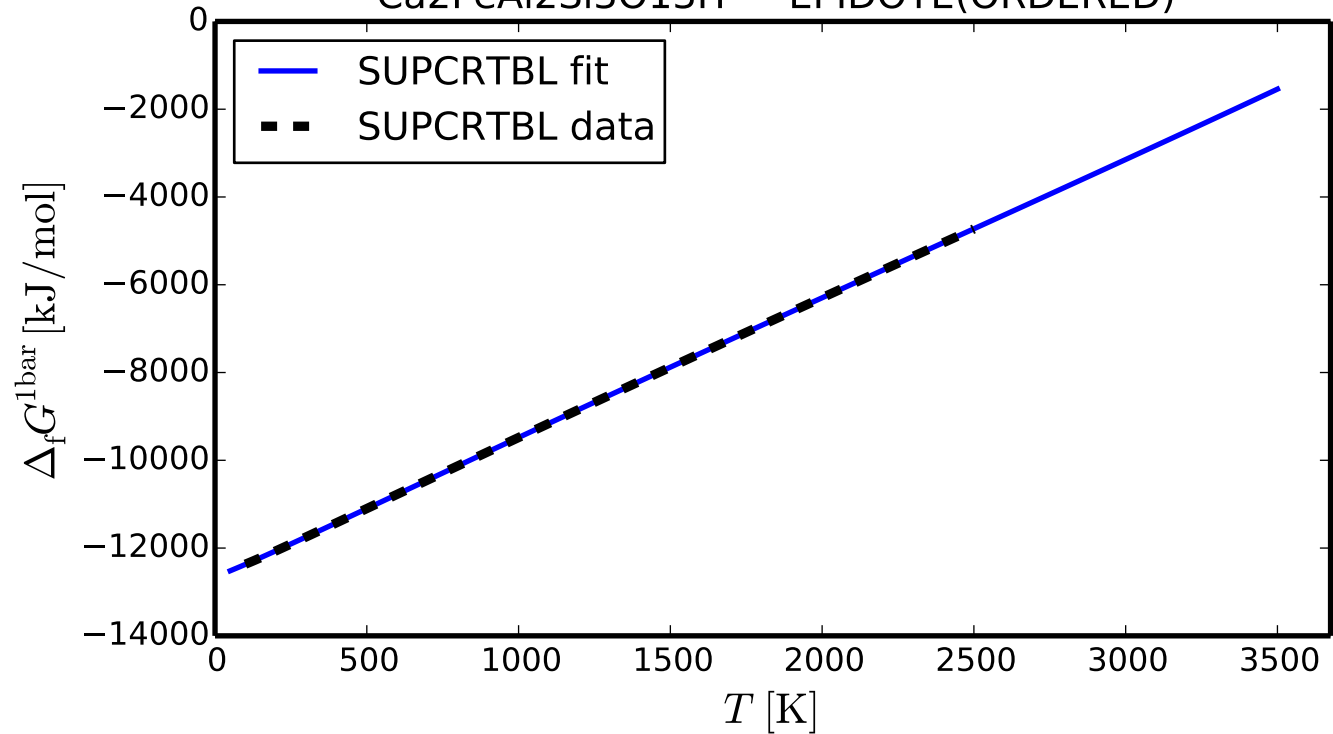


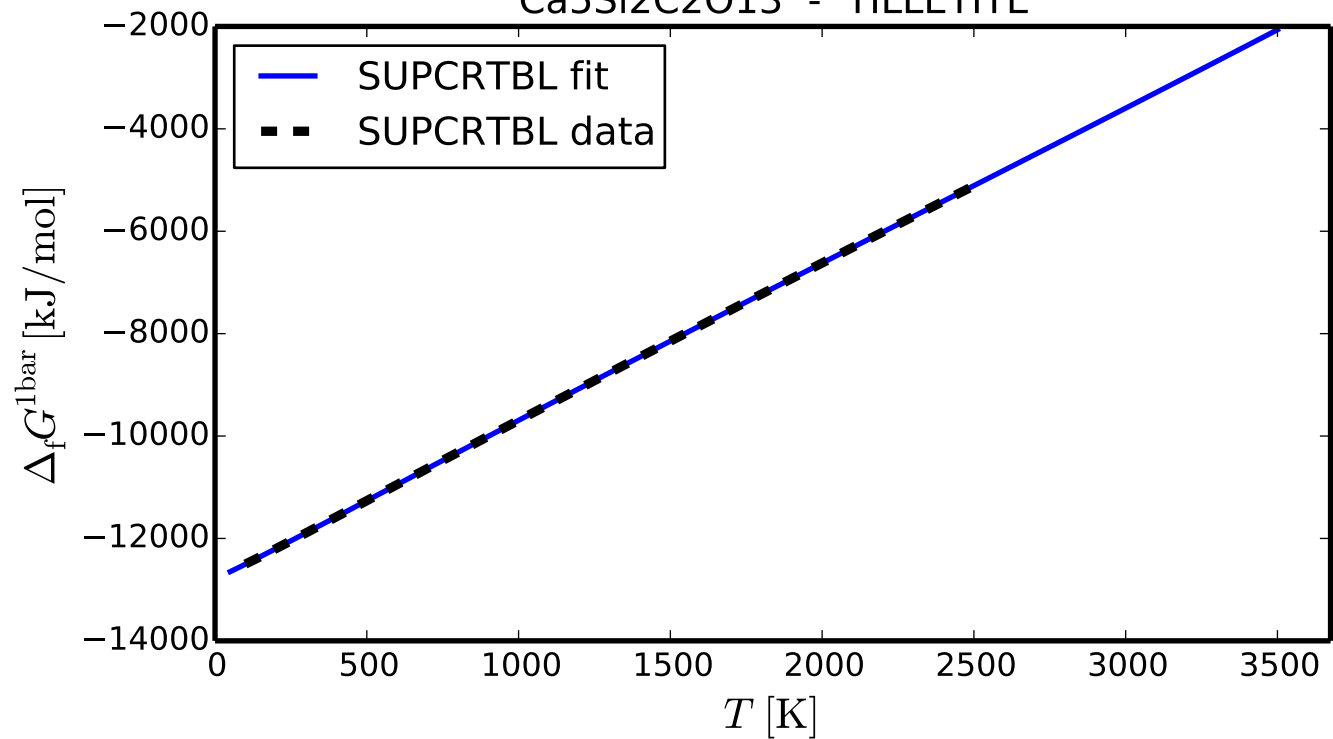
CaAl<sub>4</sub>Si<sub>2</sub>O<sub>12</sub>H<sub>2</sub> - MARGARITE



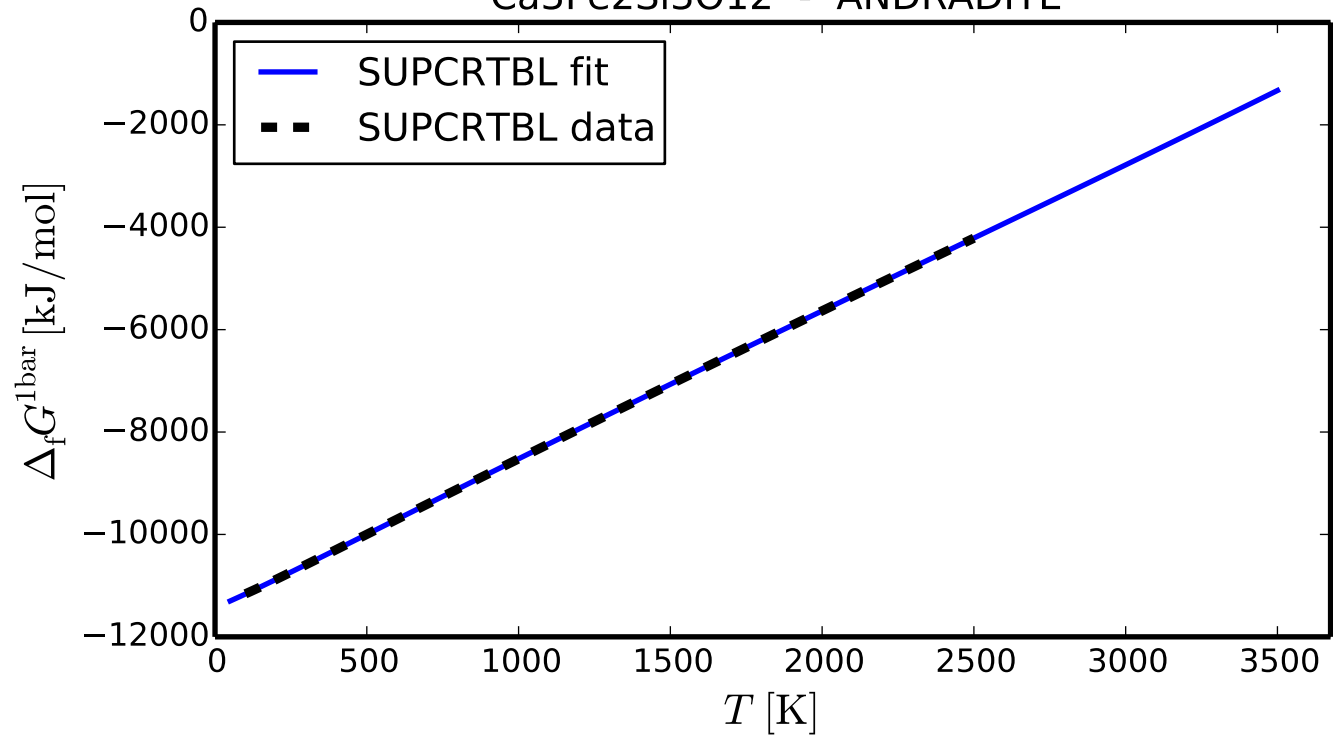
## Ca2Al2Si3O12H2 - PREHNITE



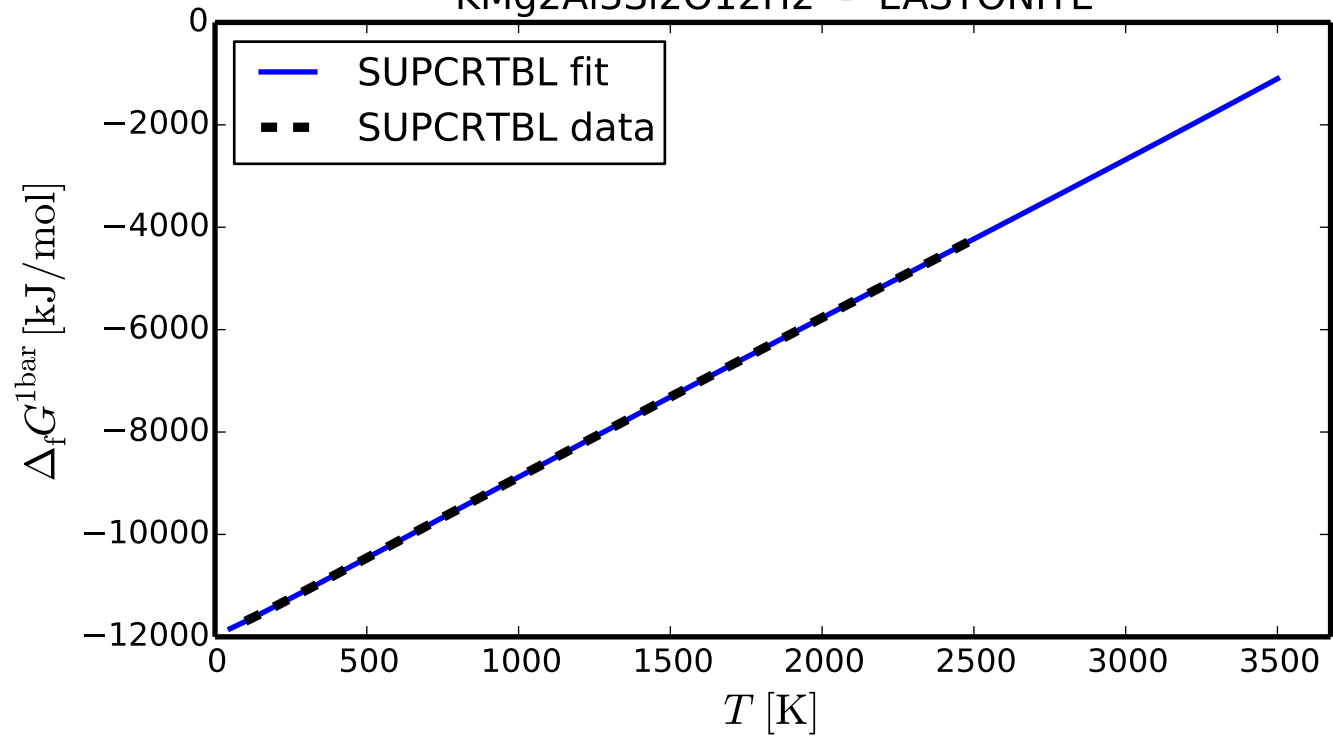
Ca<sub>2</sub>FeAl<sub>2</sub>Si<sub>3</sub>O<sub>13</sub>H - EPIDOTE(ORDERED)

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

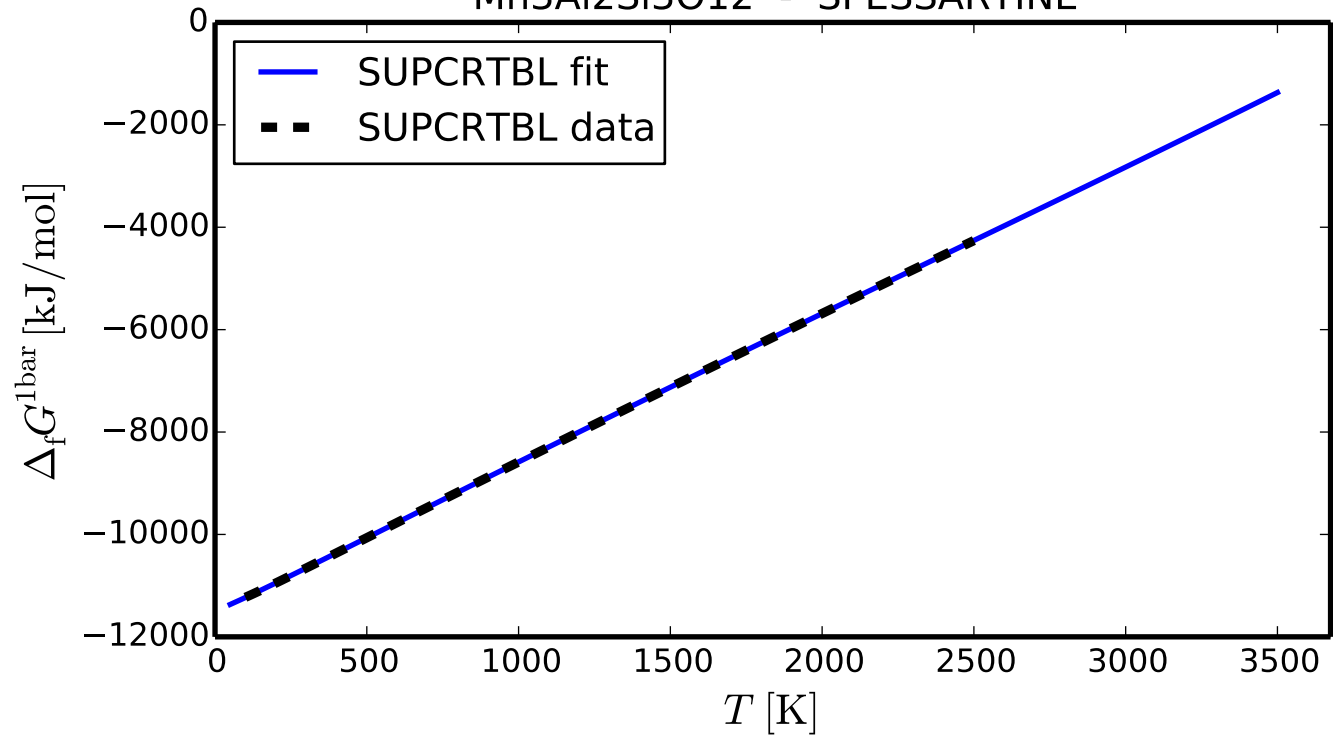
# Ca<sub>3</sub>Fe<sub>2</sub>Si<sub>3</sub>O<sub>12</sub> - ANDRADITE



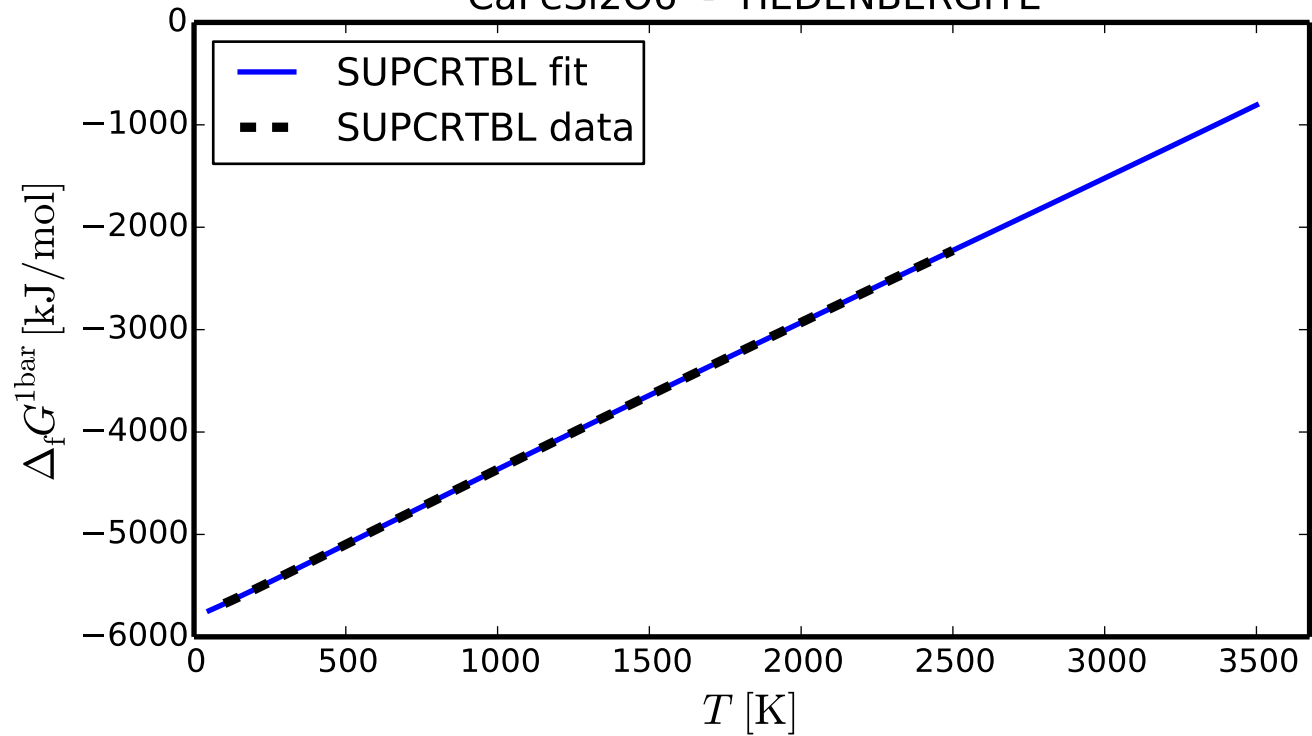
## KMg2Al3Si2O12H2 - EASTONITE



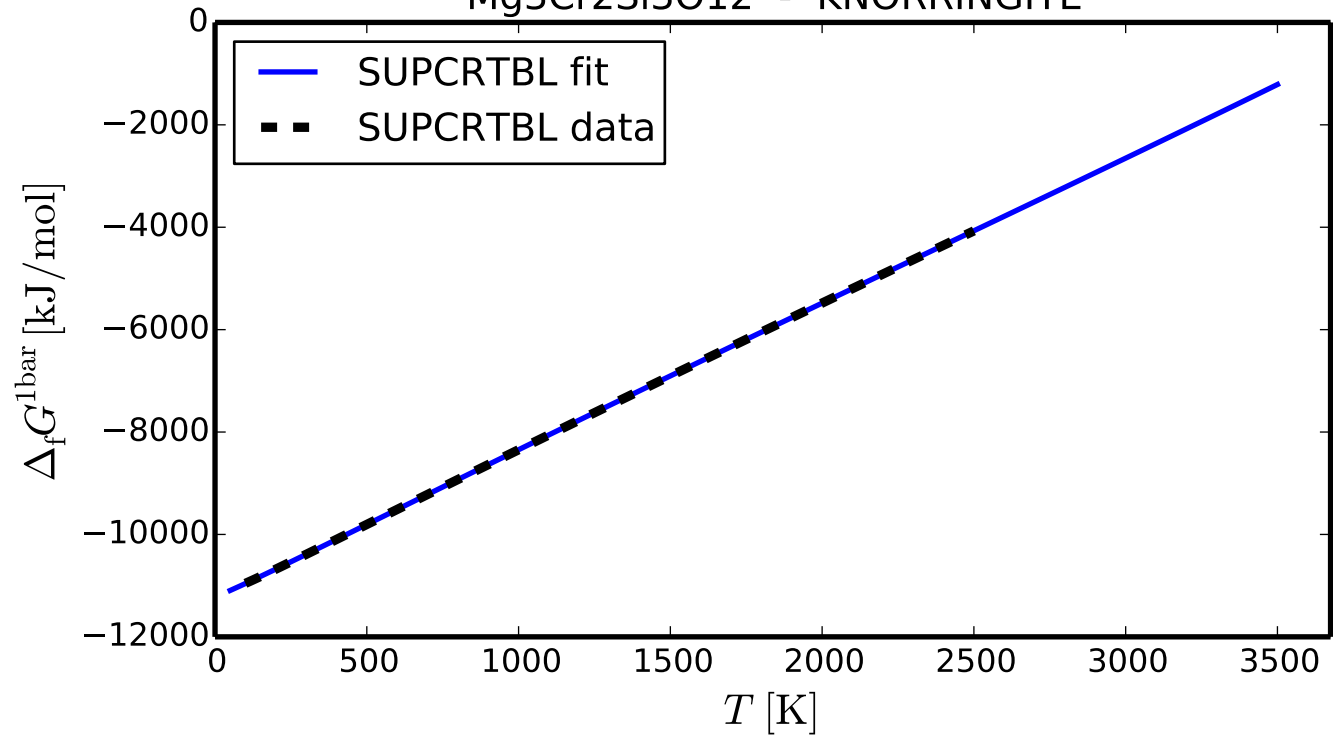
# Mn<sub>3</sub>Al<sub>2</sub>Si<sub>3</sub>O<sub>12</sub> - SPESSARTINE



## CaFeSi2O6 - HEDENBERGITE

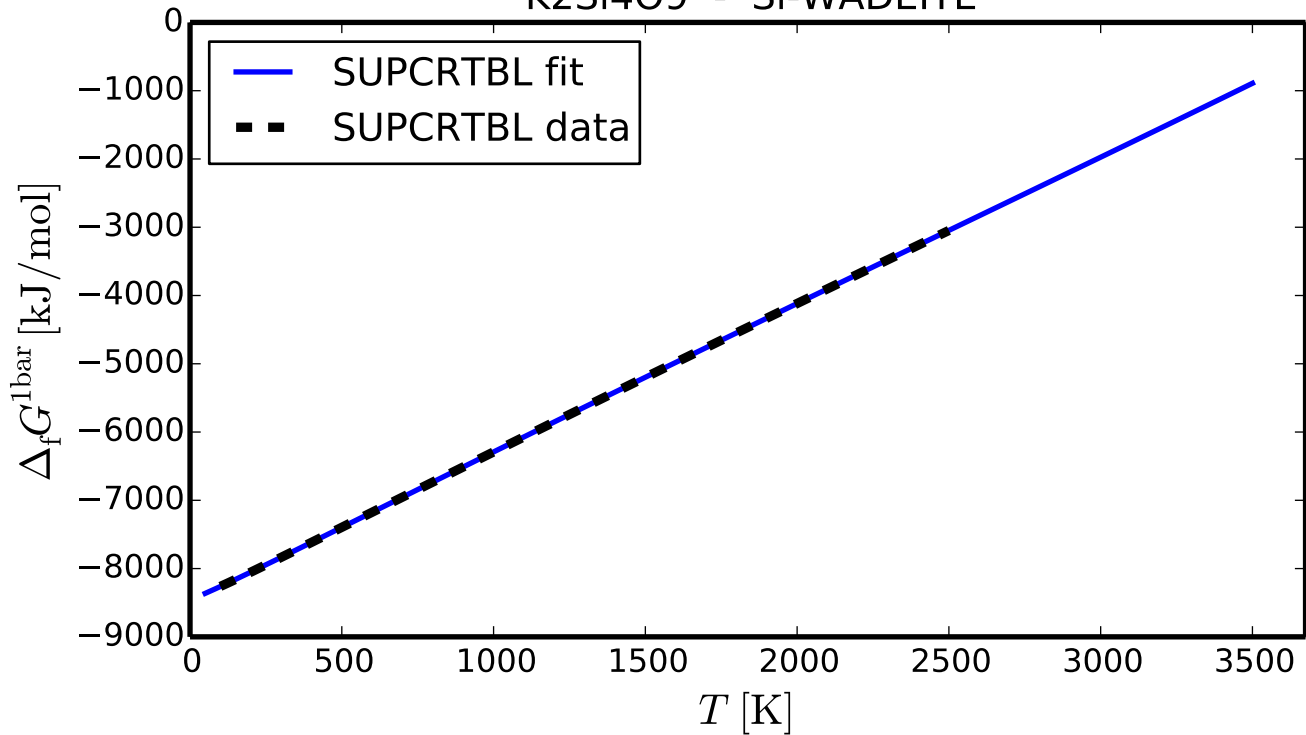


## Mg3Cr2Si3O12 - KNORRINGITE

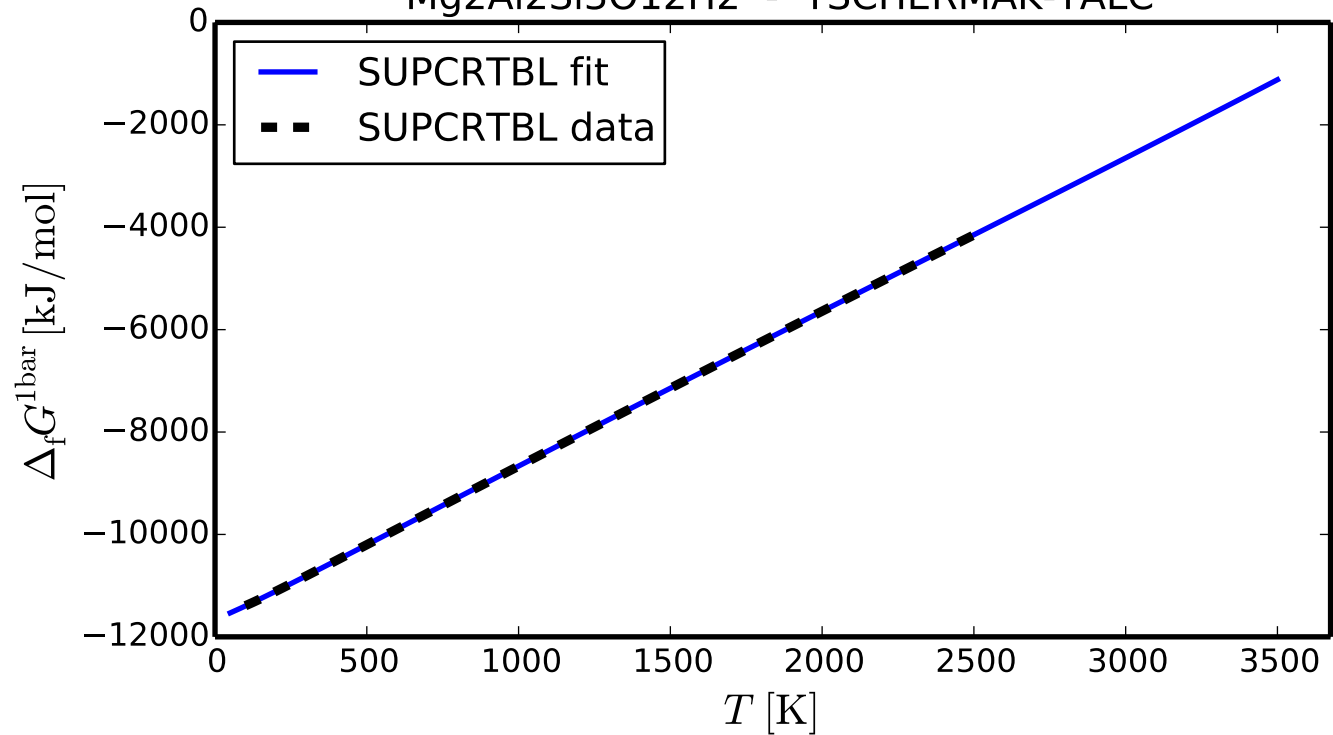




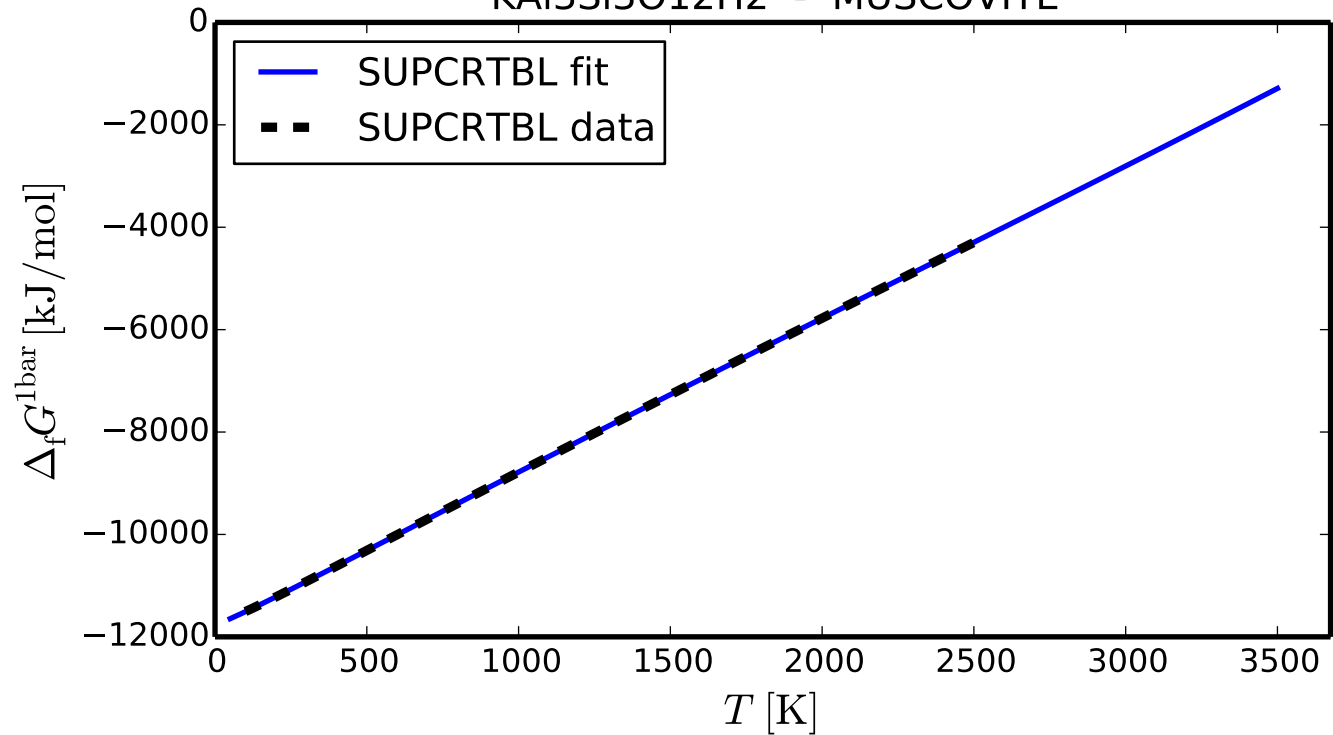
## K2Si4O9 - Si-WADEITE



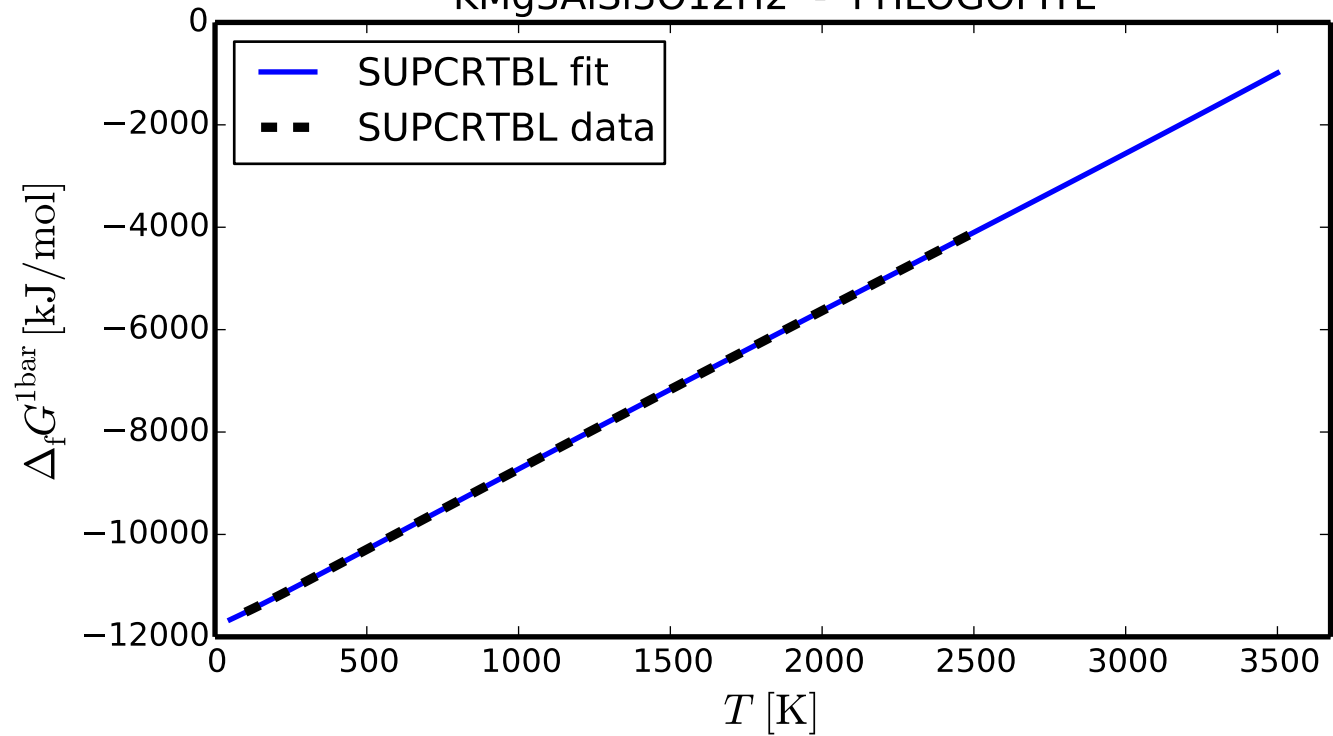
# Mg<sub>2</sub>Al<sub>2</sub>Si<sub>3</sub>O<sub>12</sub>H<sub>2</sub> - TSCHERMAK-TALC



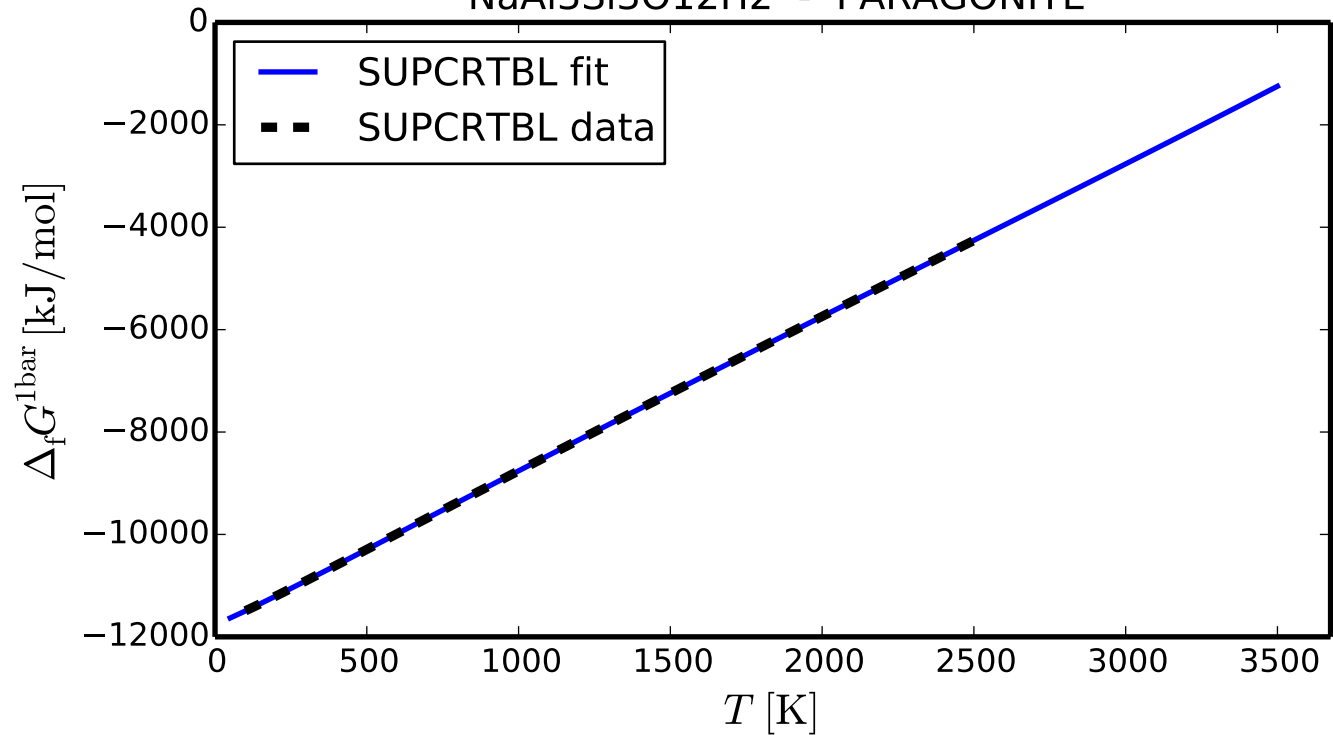
# KAl3Si3O12H2 - MUSCOVITE



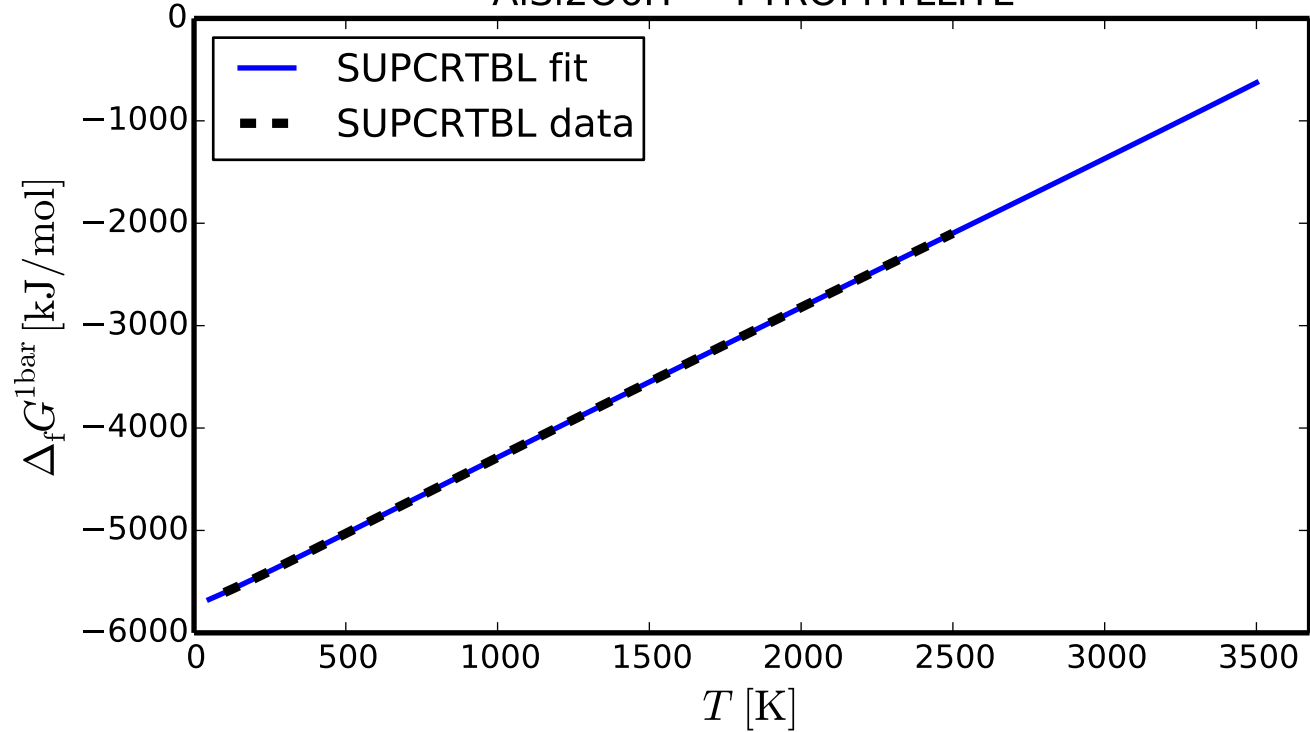
## KMg3AlSi3O12H2 - PHLOGOPITE



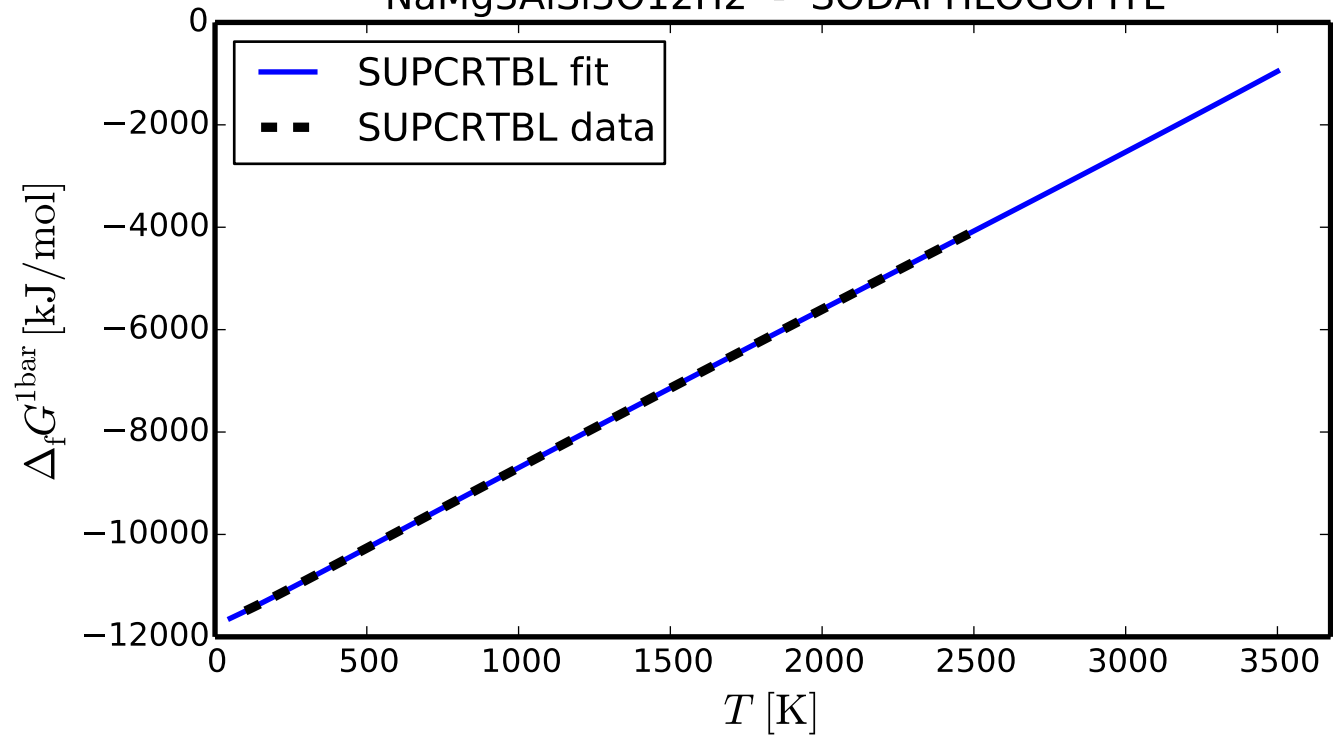
# NaAl3Si3O12H2 - PARAGONITE

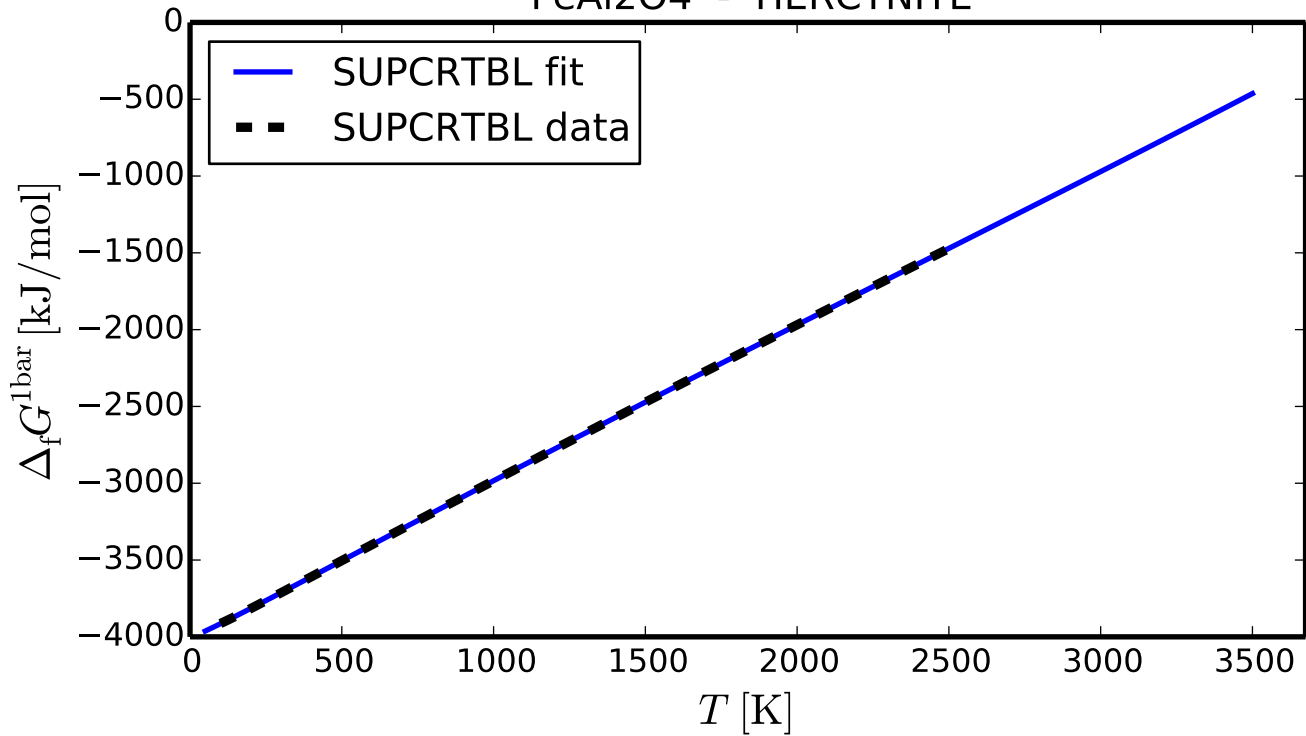


## AlSi2O6H - PYROPHYLLITE



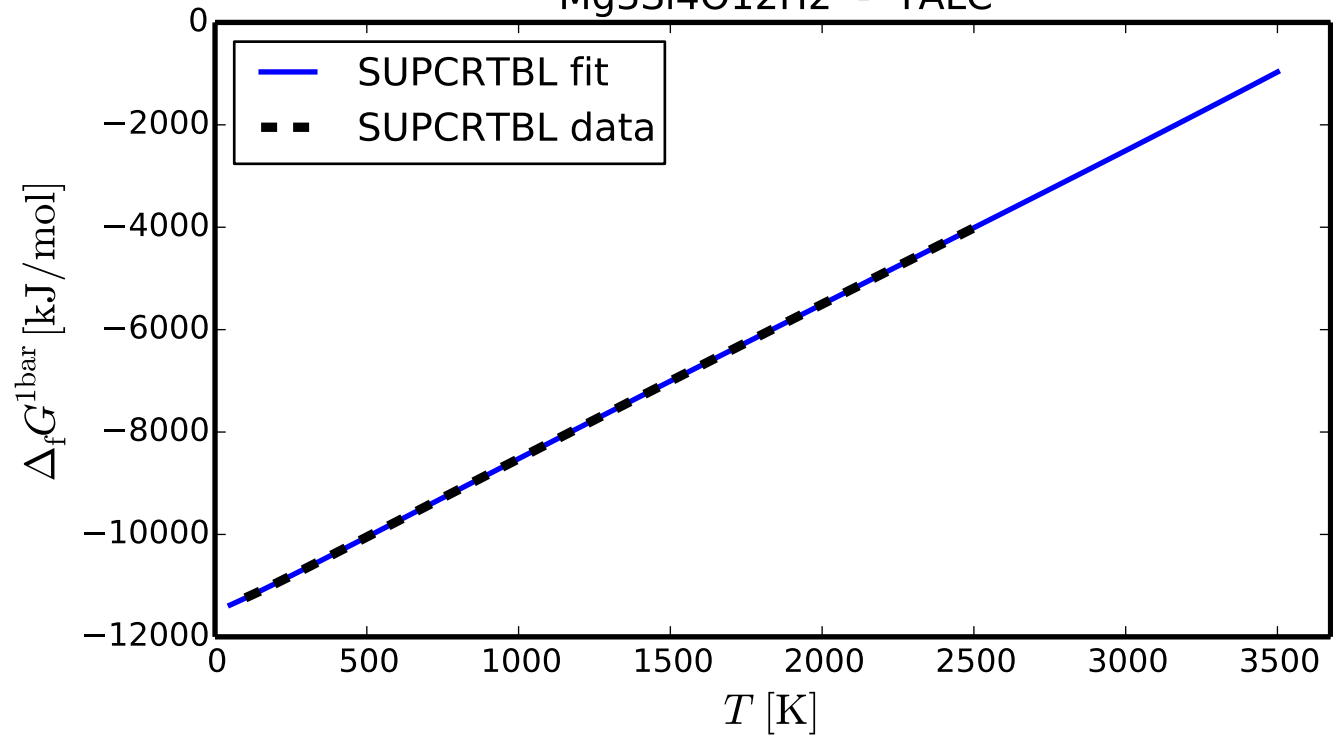
## NaMg3AlSi3O12H2 - SODAPHLOGOPITE



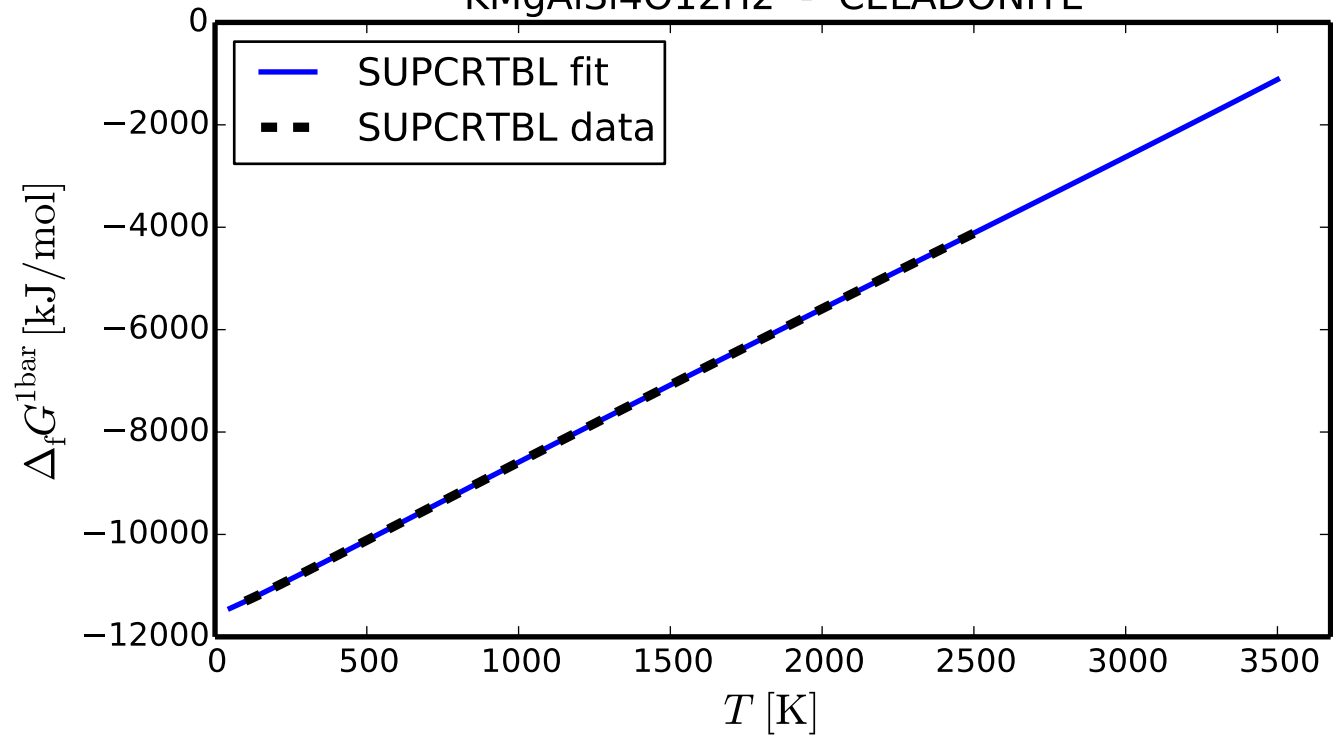
FeAl<sub>2</sub>O<sub>4</sub> - HERCYNITE



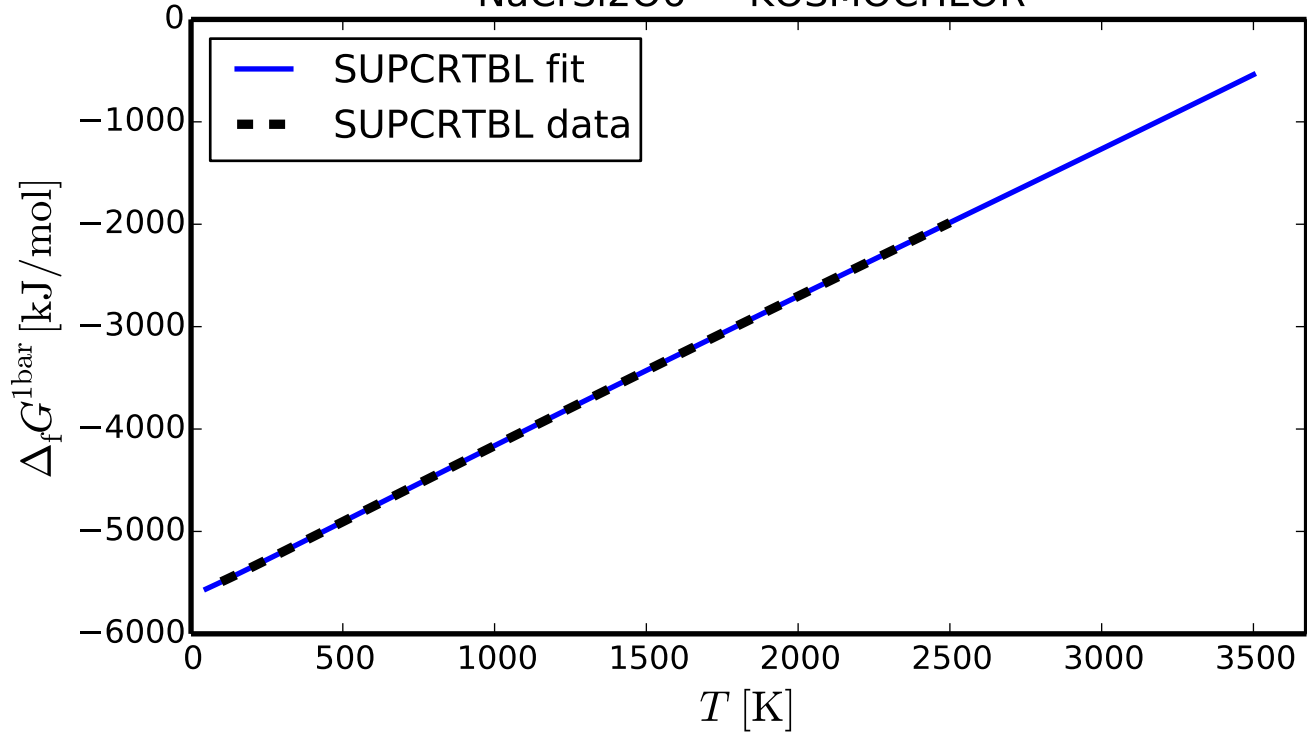
# Mg<sub>3</sub>Si<sub>4</sub>O<sub>12</sub>H<sub>2</sub> - TALC

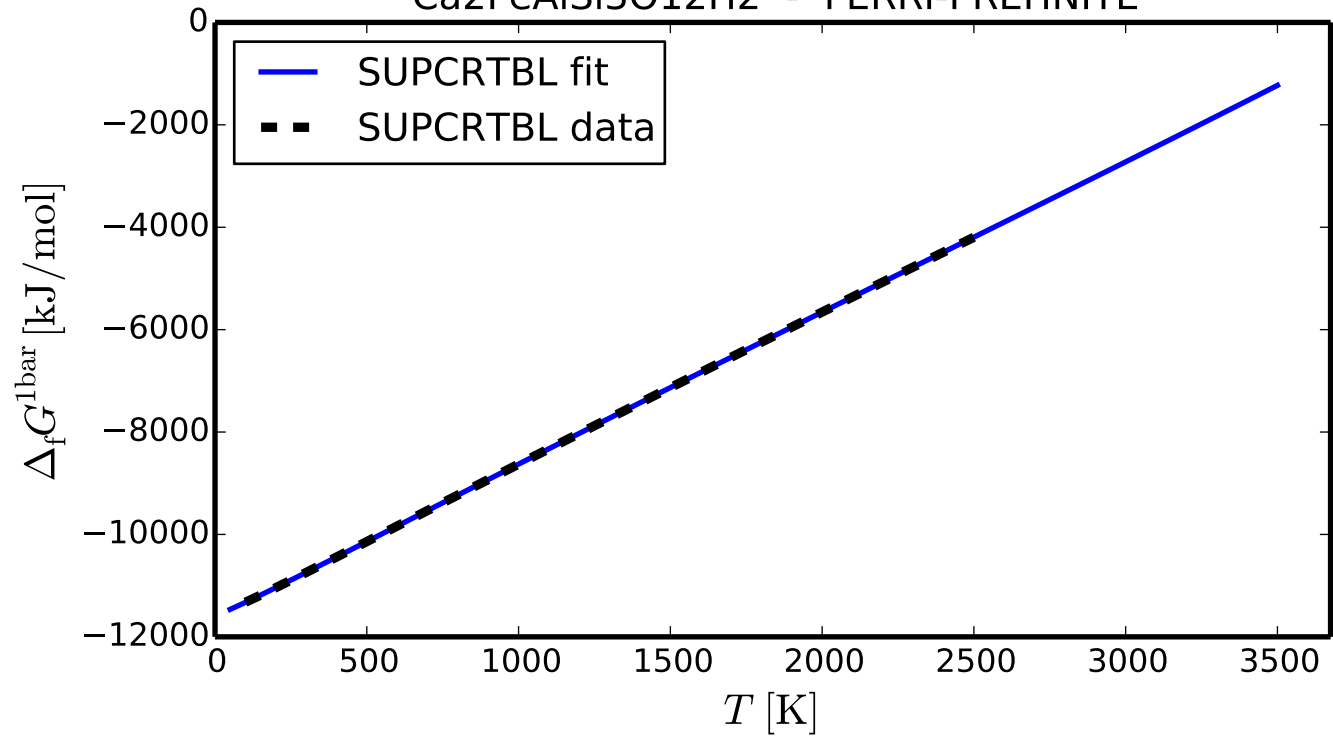


## KMgAlSi4O12H2 - CELADONITE

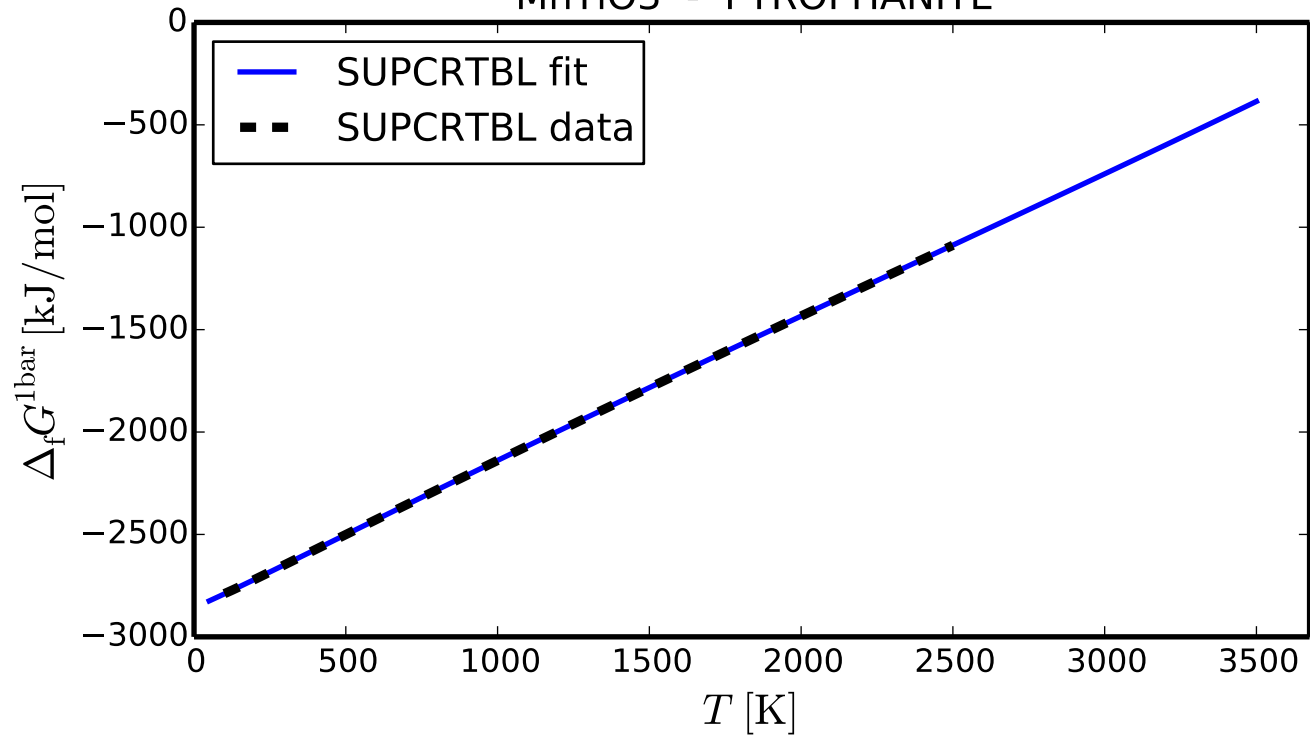


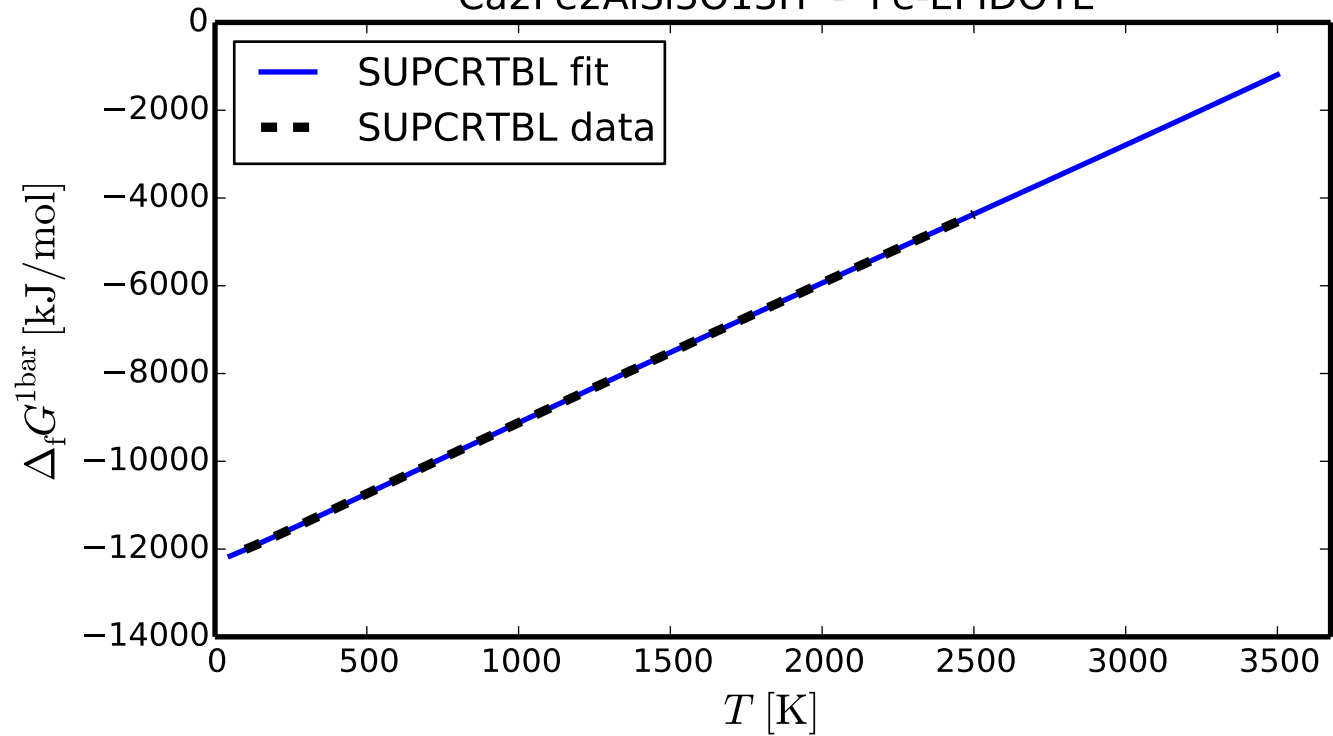
## NaCrSi2O6 - KOSMOCHLOR

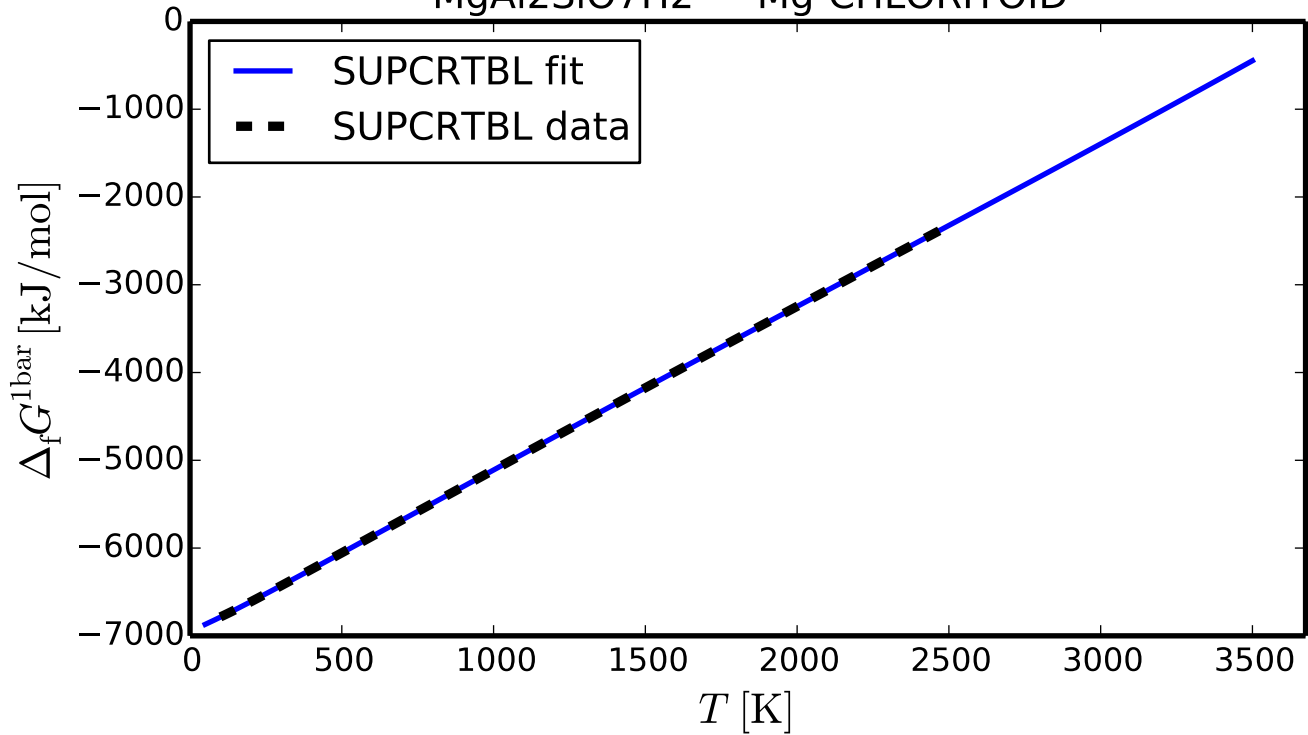


Ca<sub>2</sub>FeAlSi<sub>3</sub>O<sub>12</sub>H<sub>2</sub> - FERRI-PREHNITE

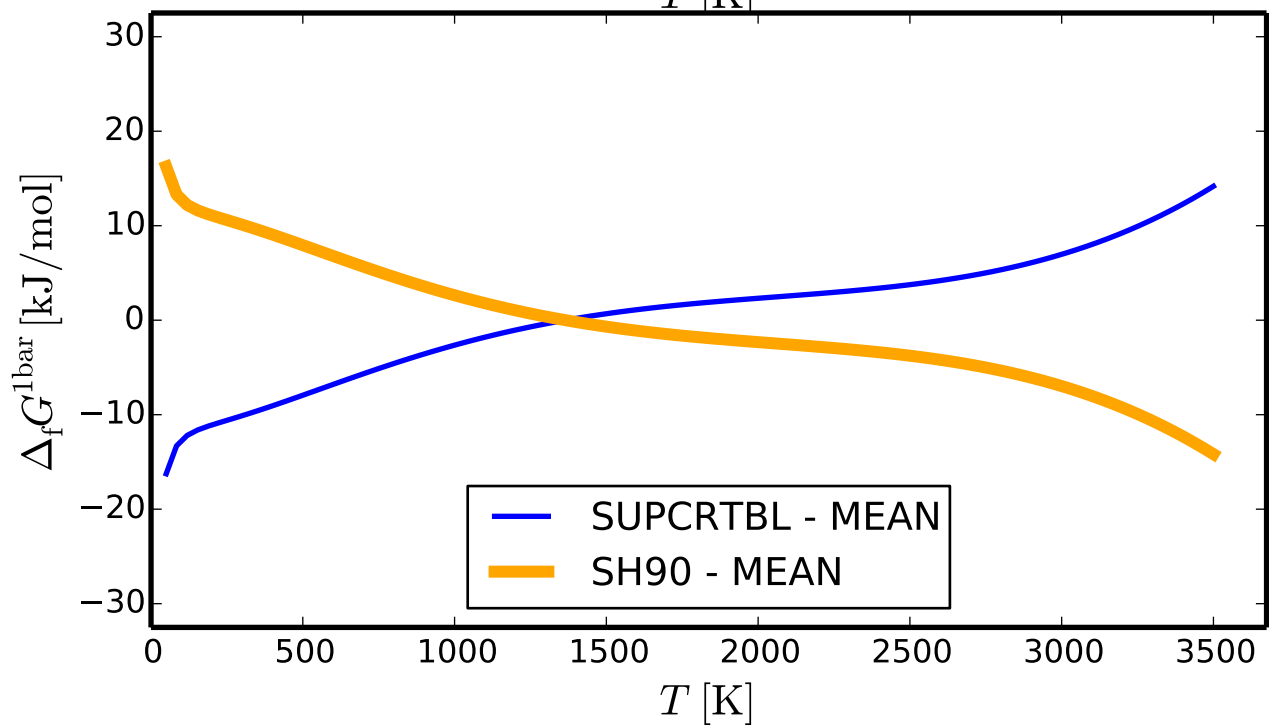
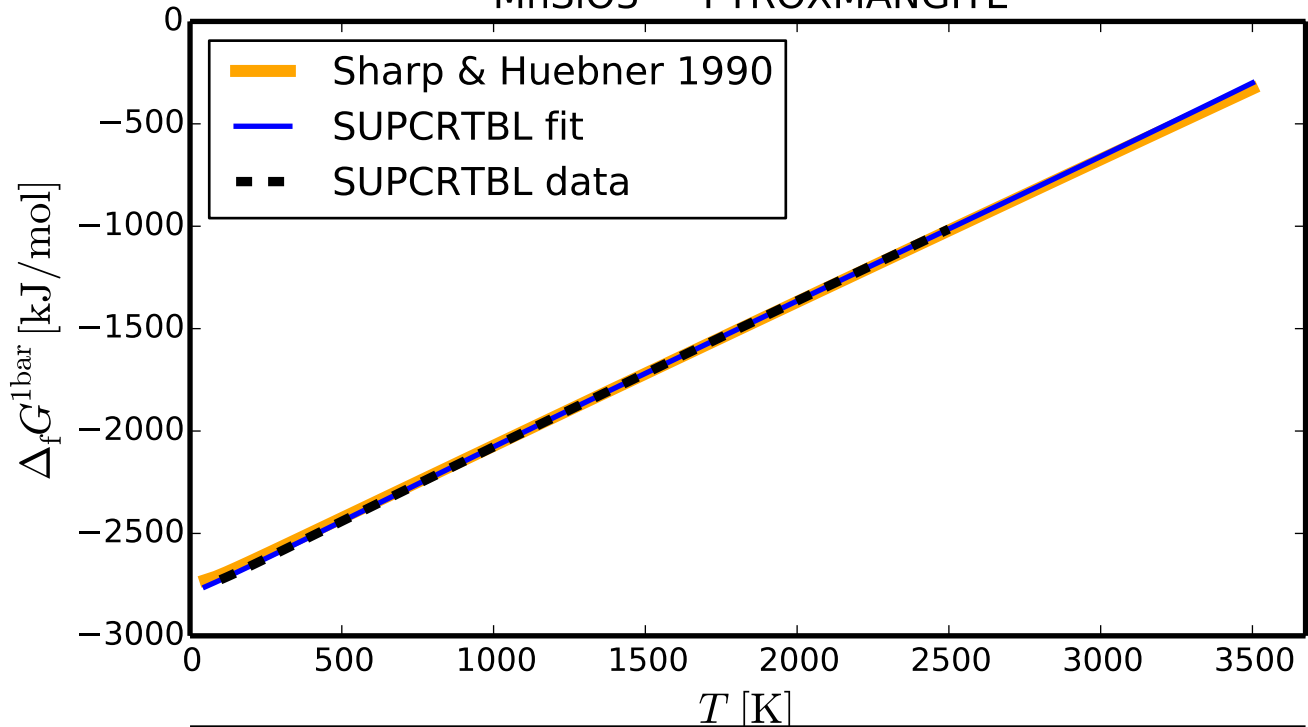
## MnTiO3 - PYROPHANITE



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

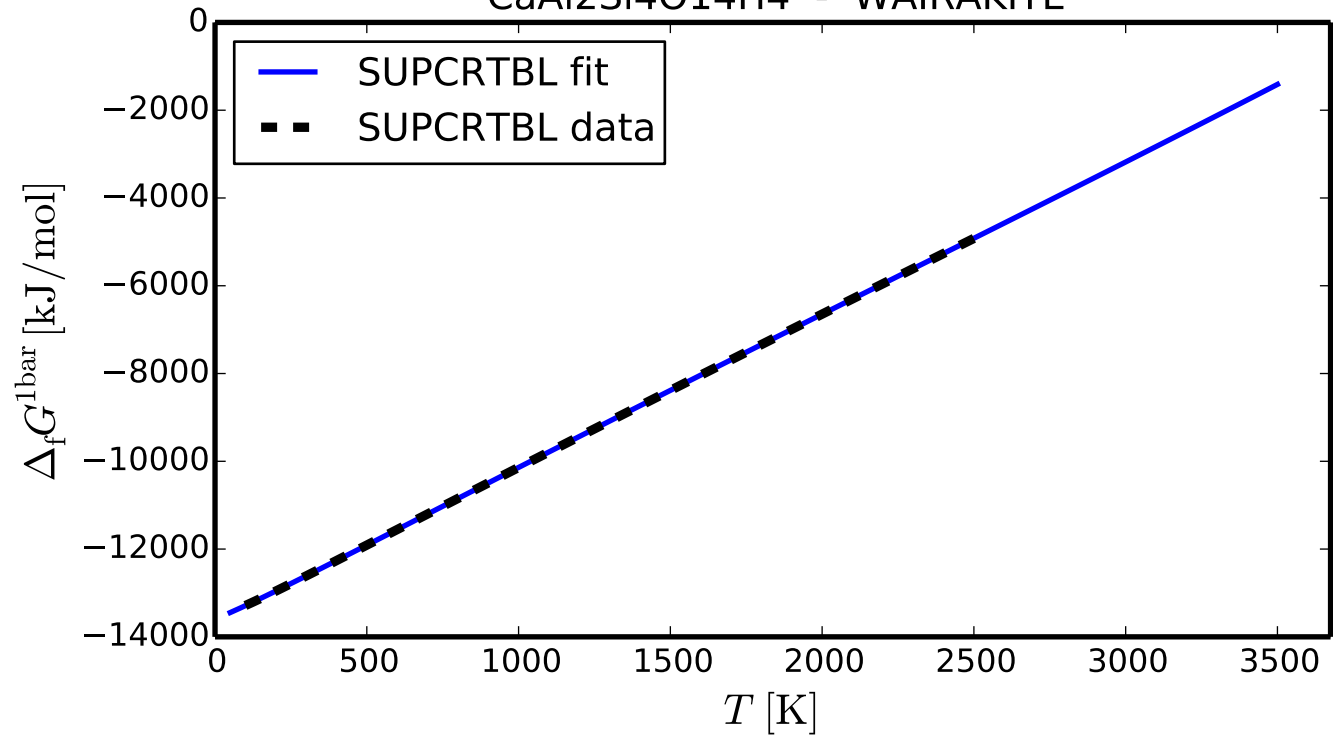
MgAl<sub>2</sub>SiO<sub>7</sub>H<sub>2</sub> - Mg-CHLORITOID

# MnSiO<sub>3</sub> - PYROXMANGITE

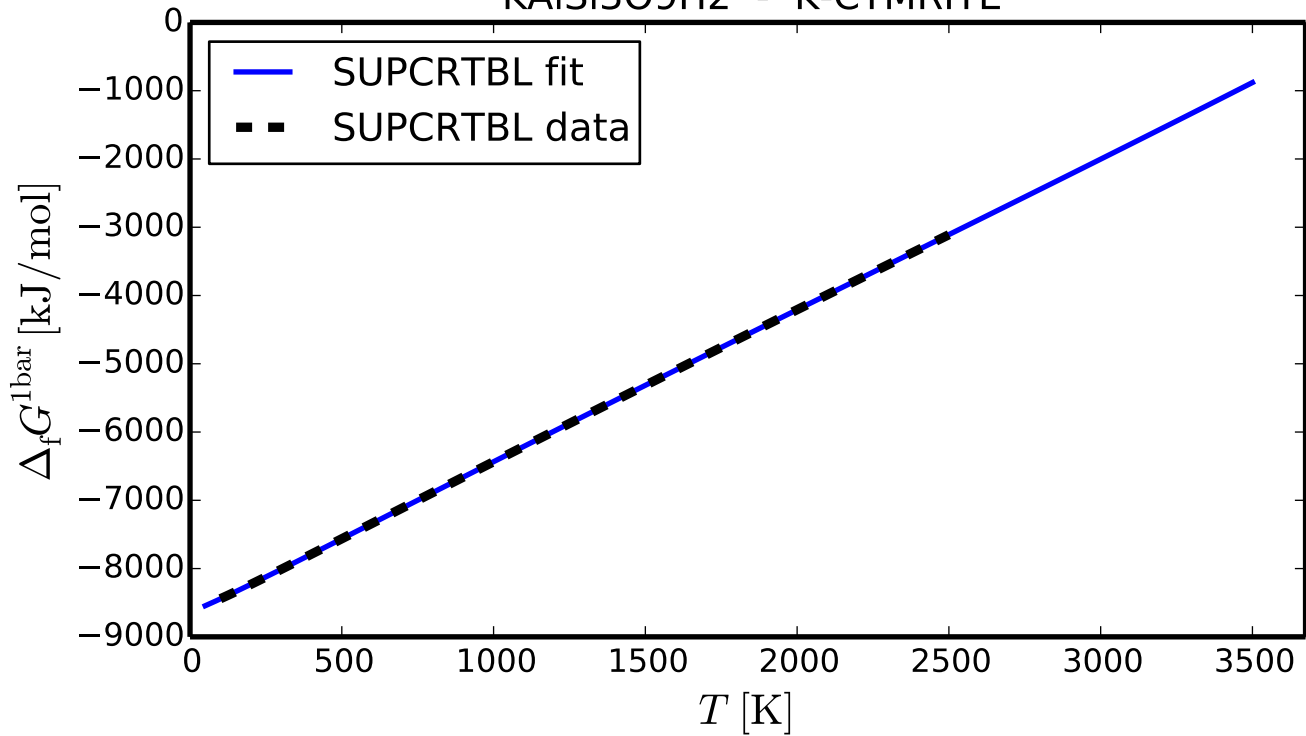


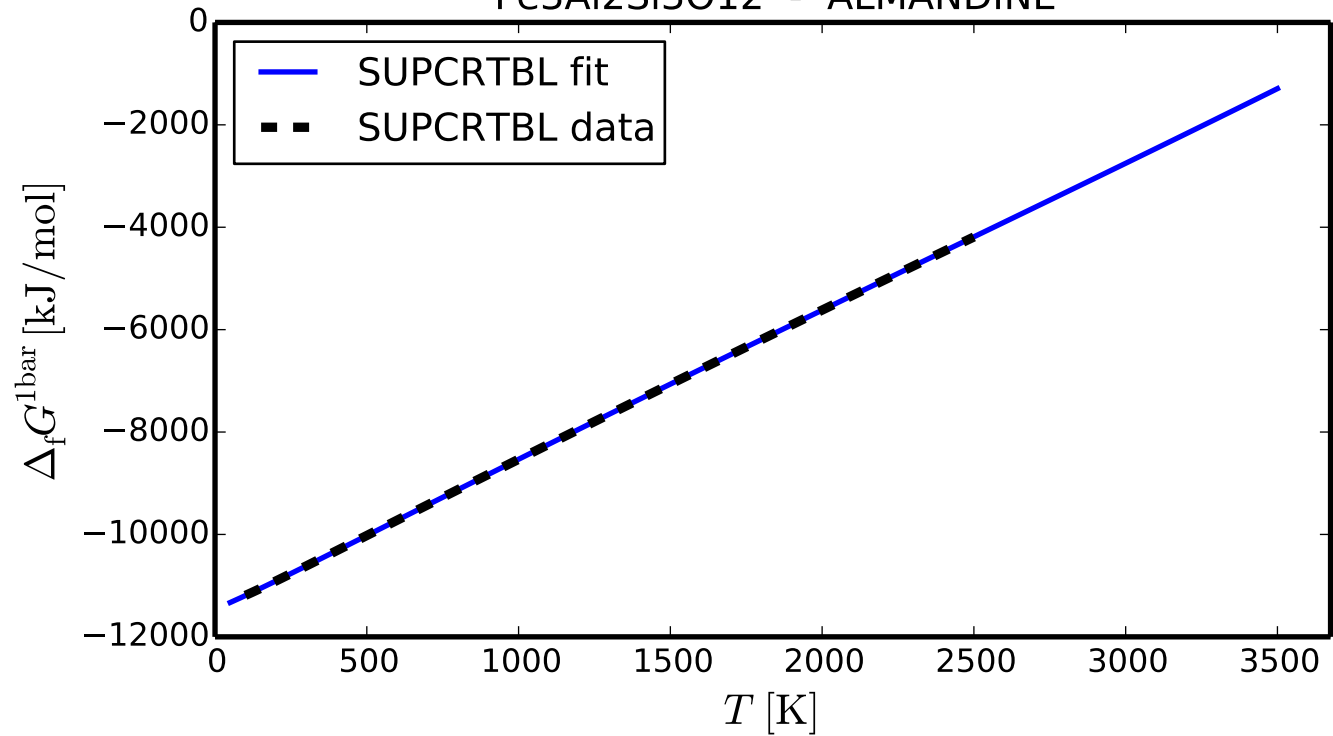


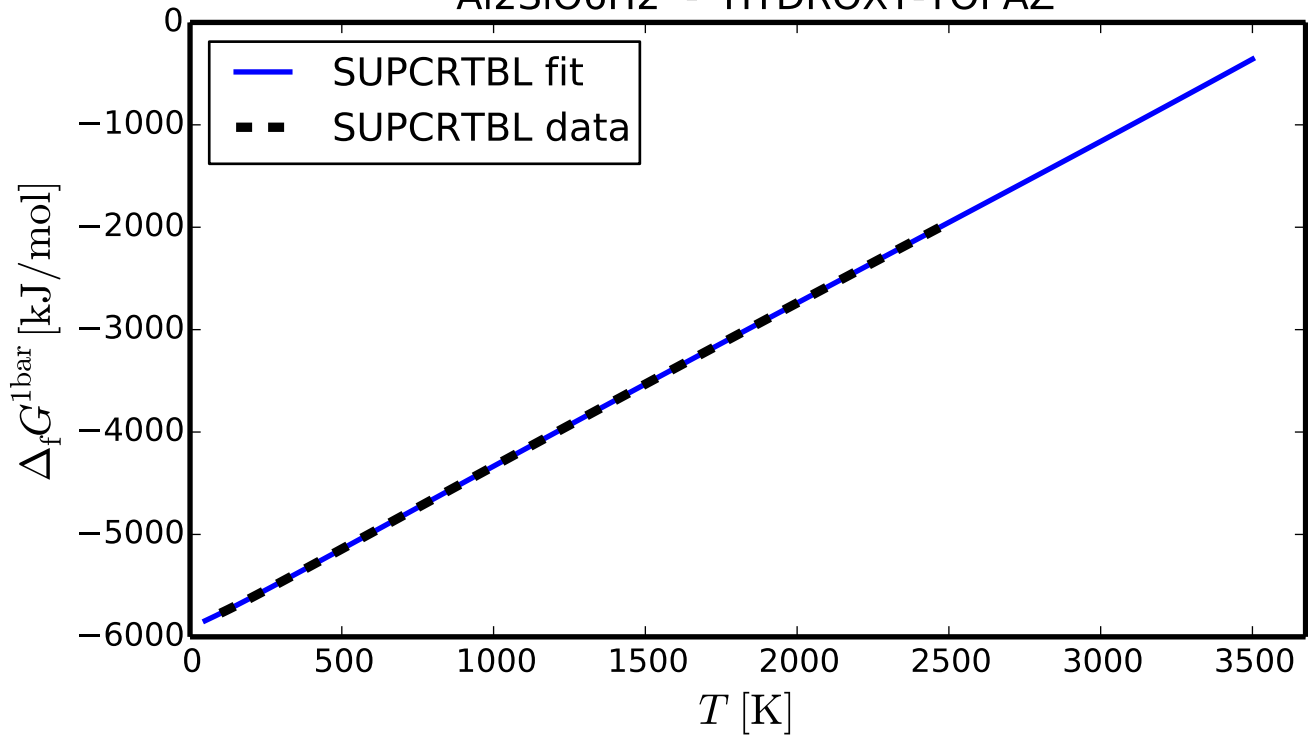
# CaAl<sub>2</sub>Si<sub>4</sub>O<sub>14</sub>H<sub>4</sub> - WAIRAKITE



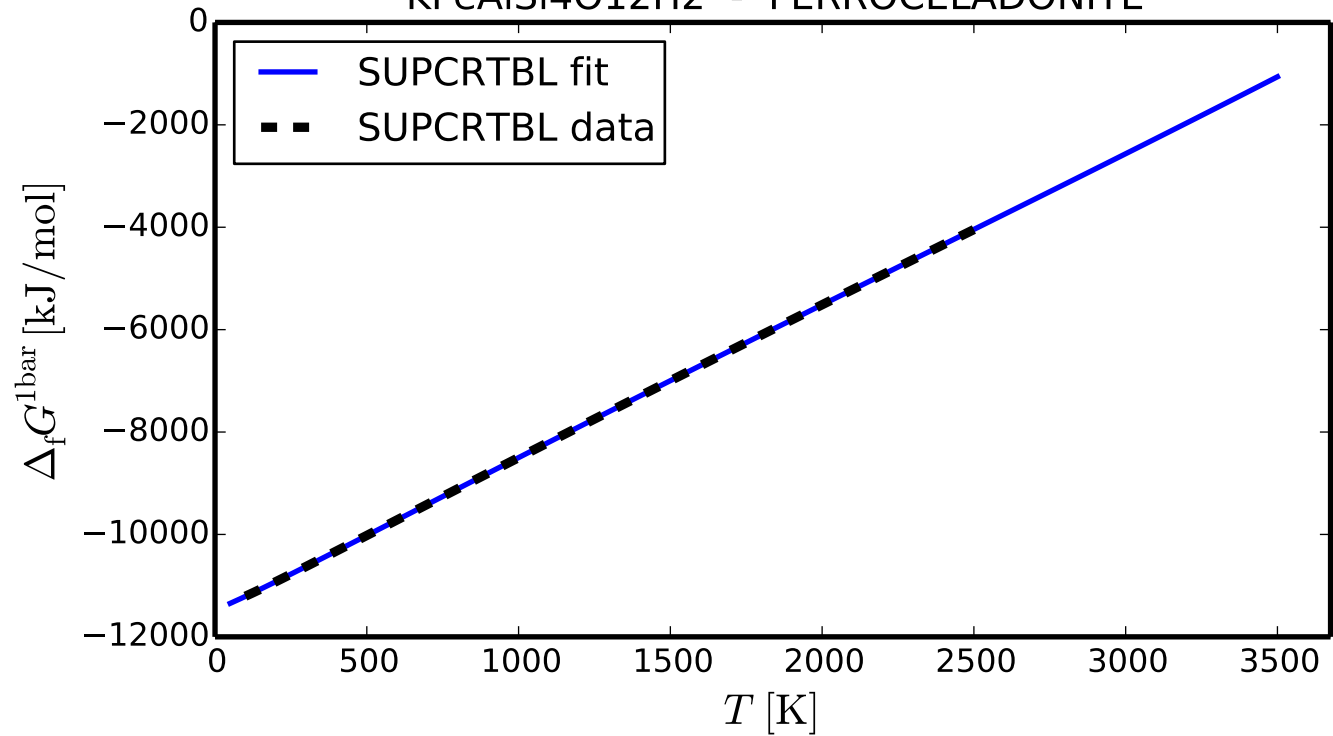
## KAISI3O9H2 - K-CYMRITE



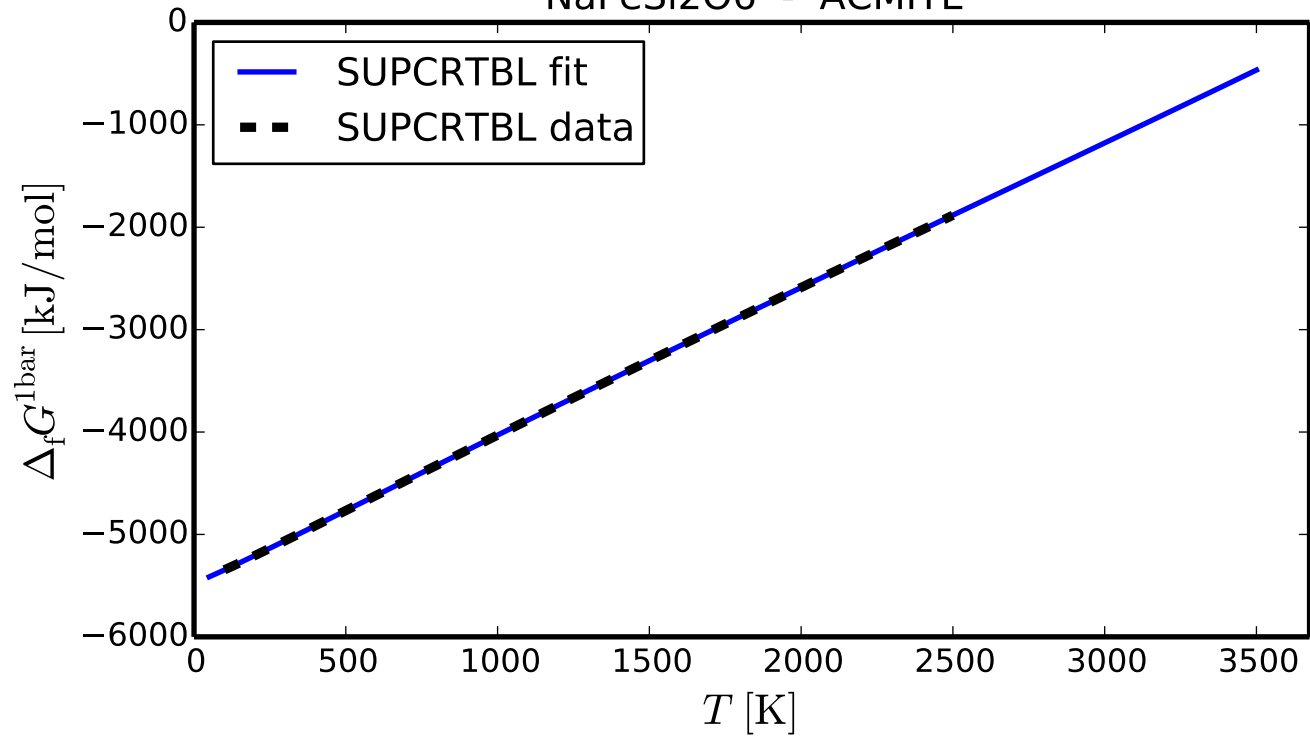
Fe<sub>3</sub>Al<sub>2</sub>Si<sub>3</sub>O<sub>12</sub> - ALMANDINE

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

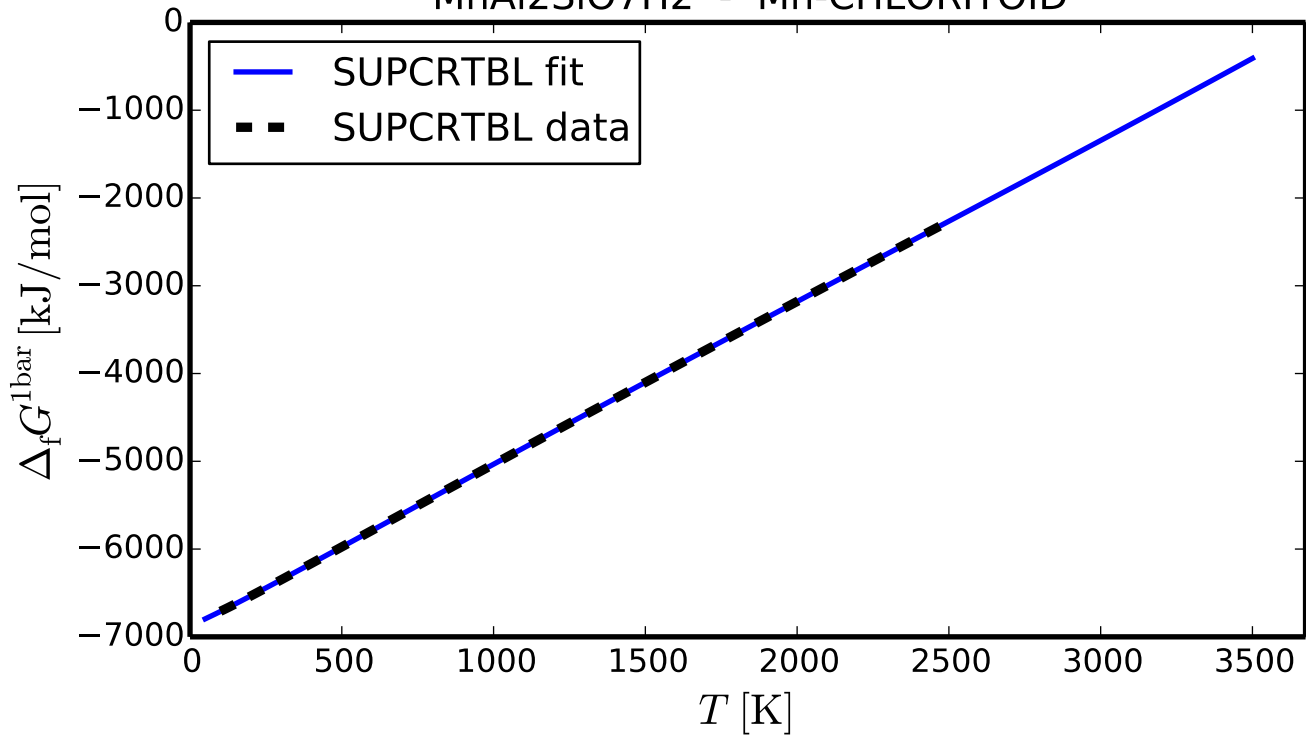
## KFeAlSi4O12H2 - FERROCELADONITE



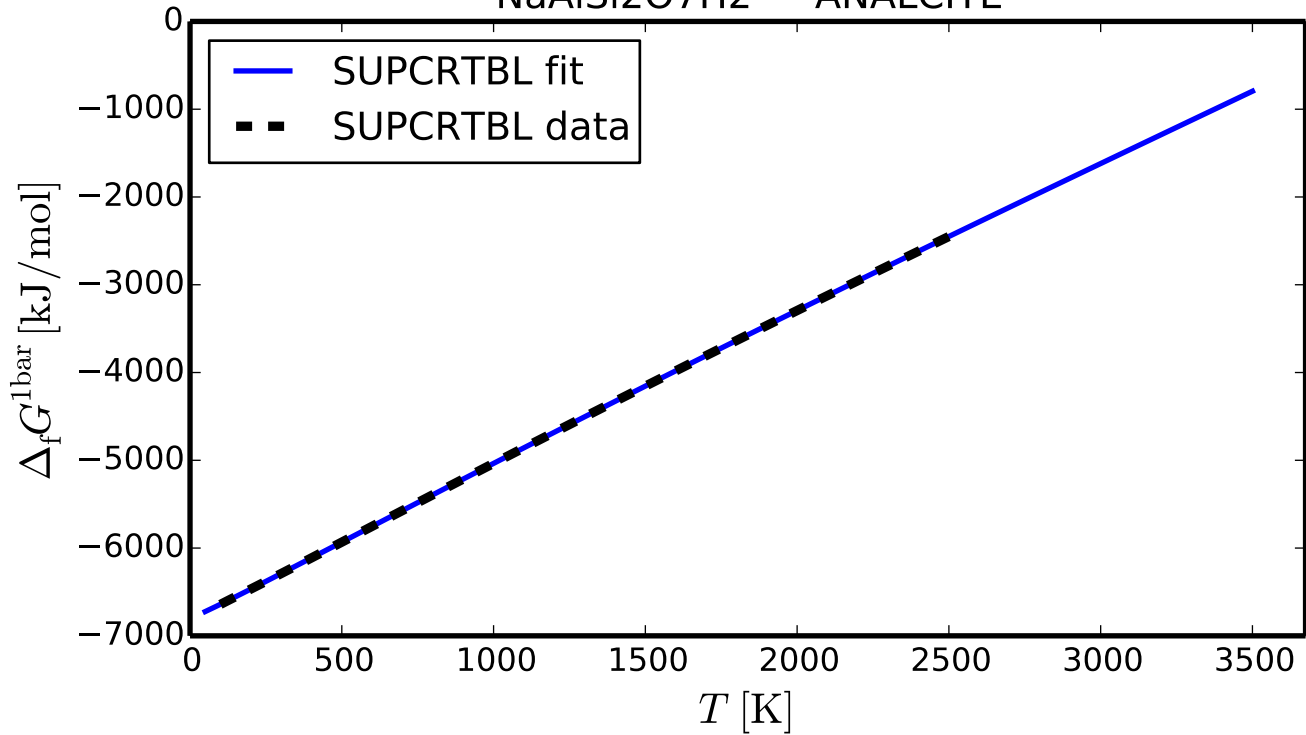
## NaFeSi2O6 - ACMITE



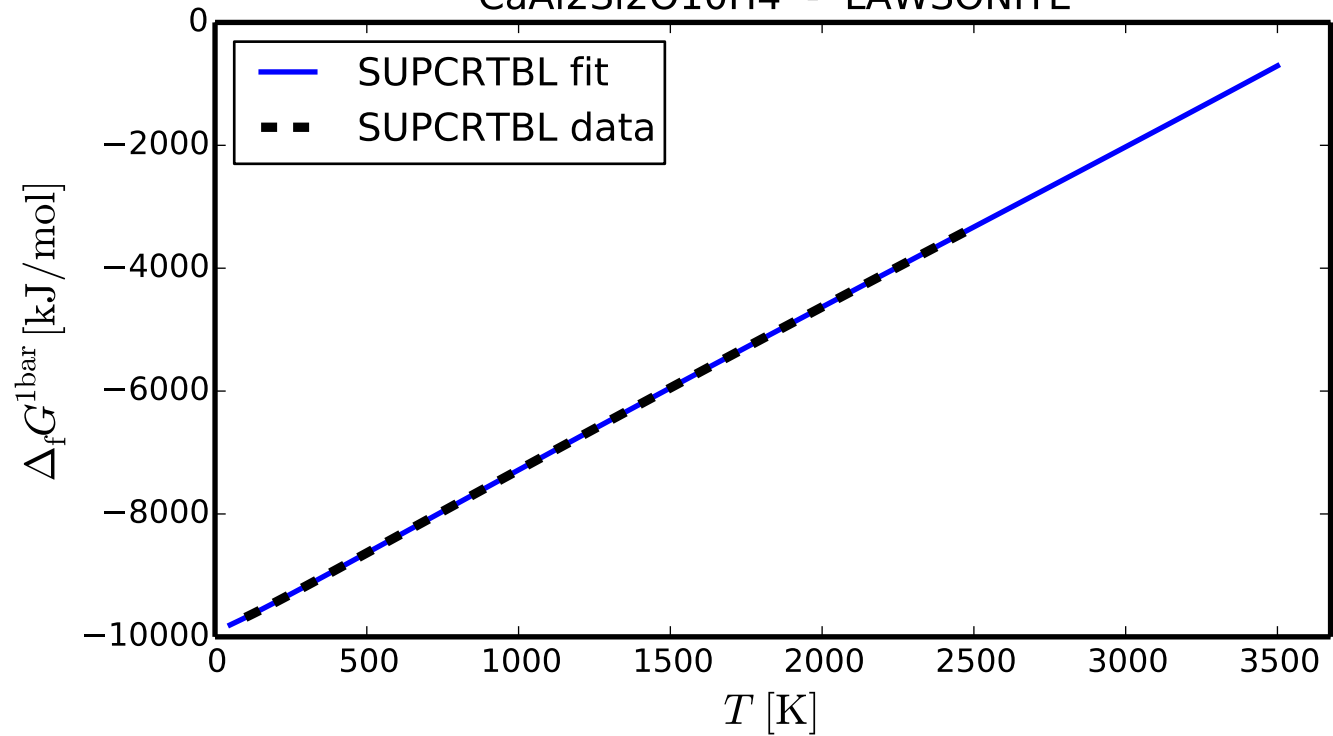
## MnAl2SiO7H2 - Mn-CHLORITOID



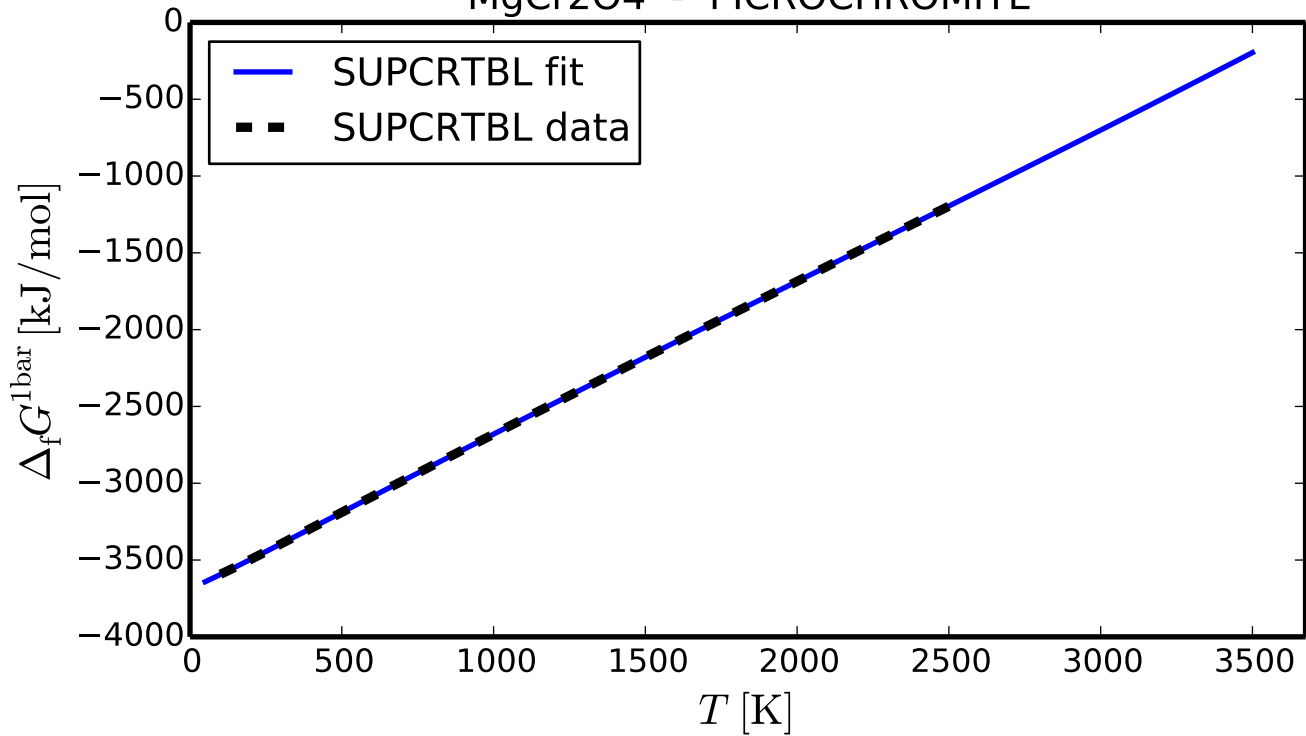
## NaAlSi2O7H2 - ANALCITE

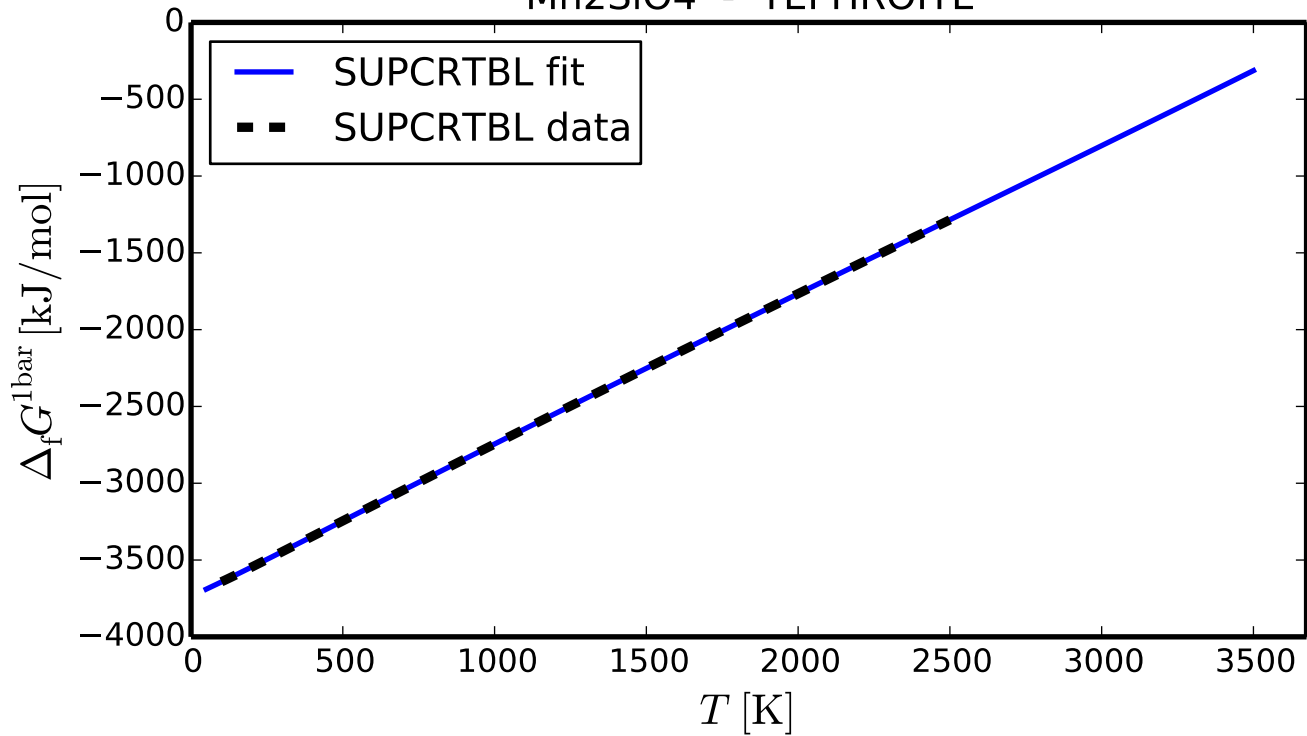




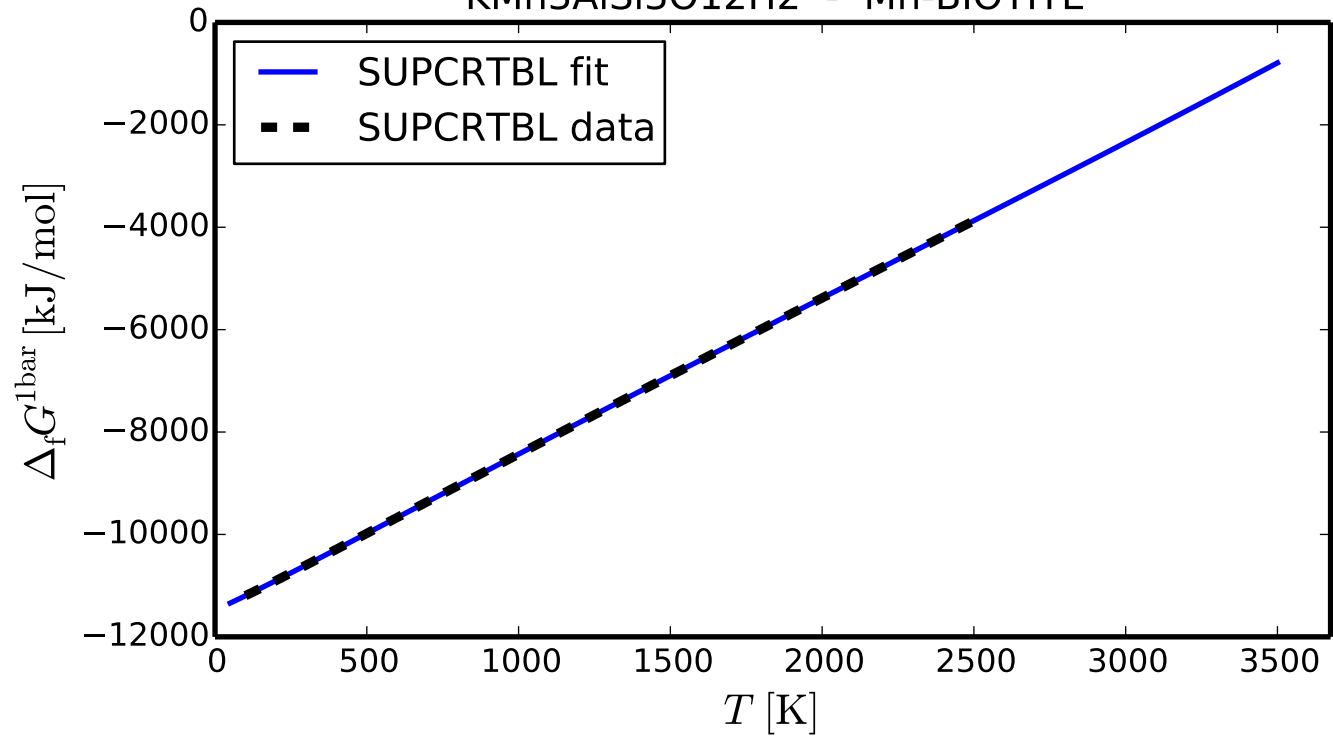
CaAl<sub>2</sub>Si<sub>2</sub>O<sub>10</sub>H<sub>4</sub> - LAWSONITE

## MgCr2O4 - PICROCHROMITE

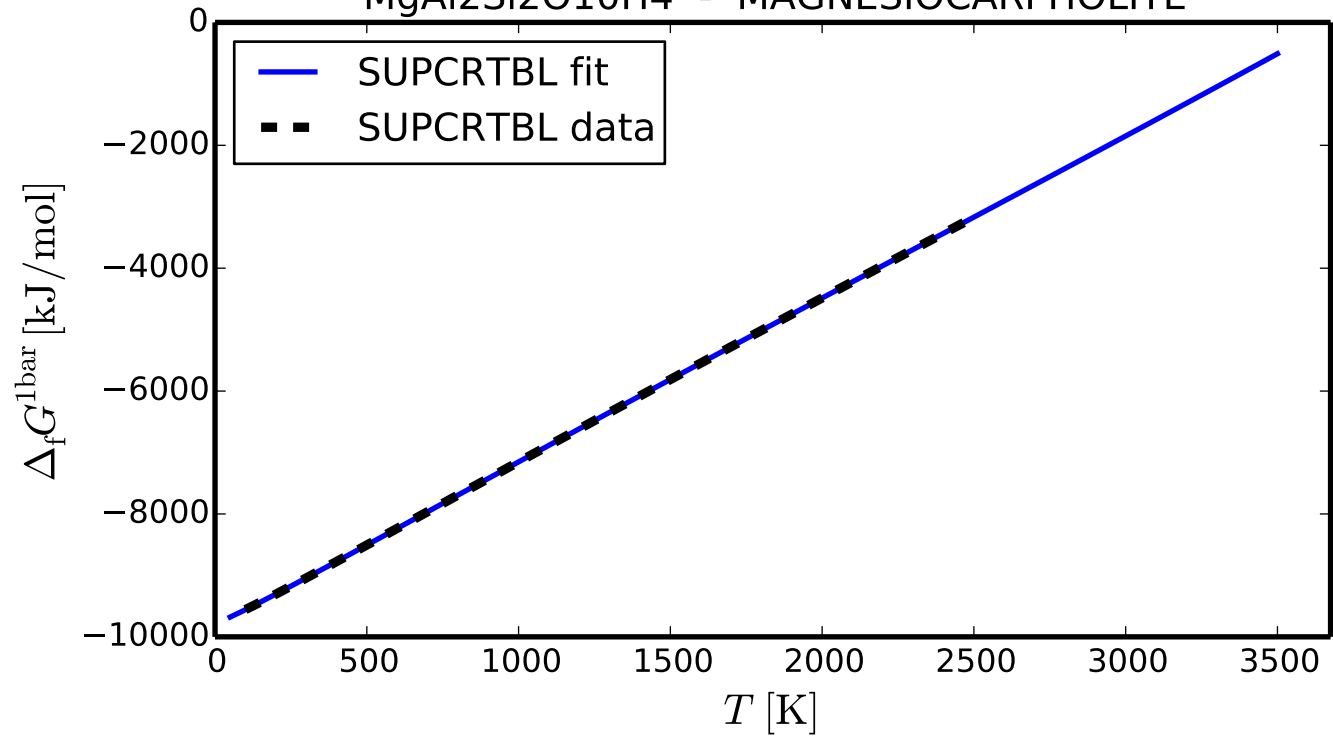


Mn<sub>2</sub>SiO<sub>4</sub> - TEPHROITE

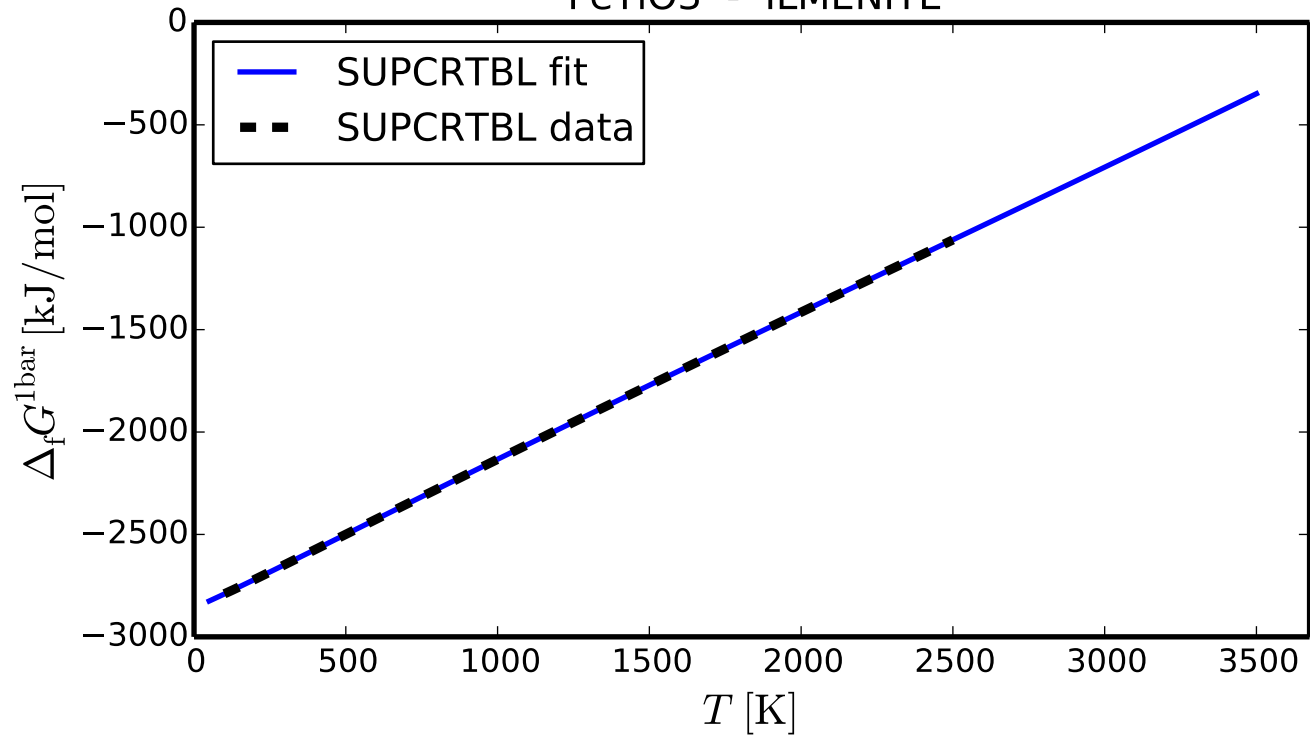
## KMn3AlSi3O12H2 - Mn-BIOTITE



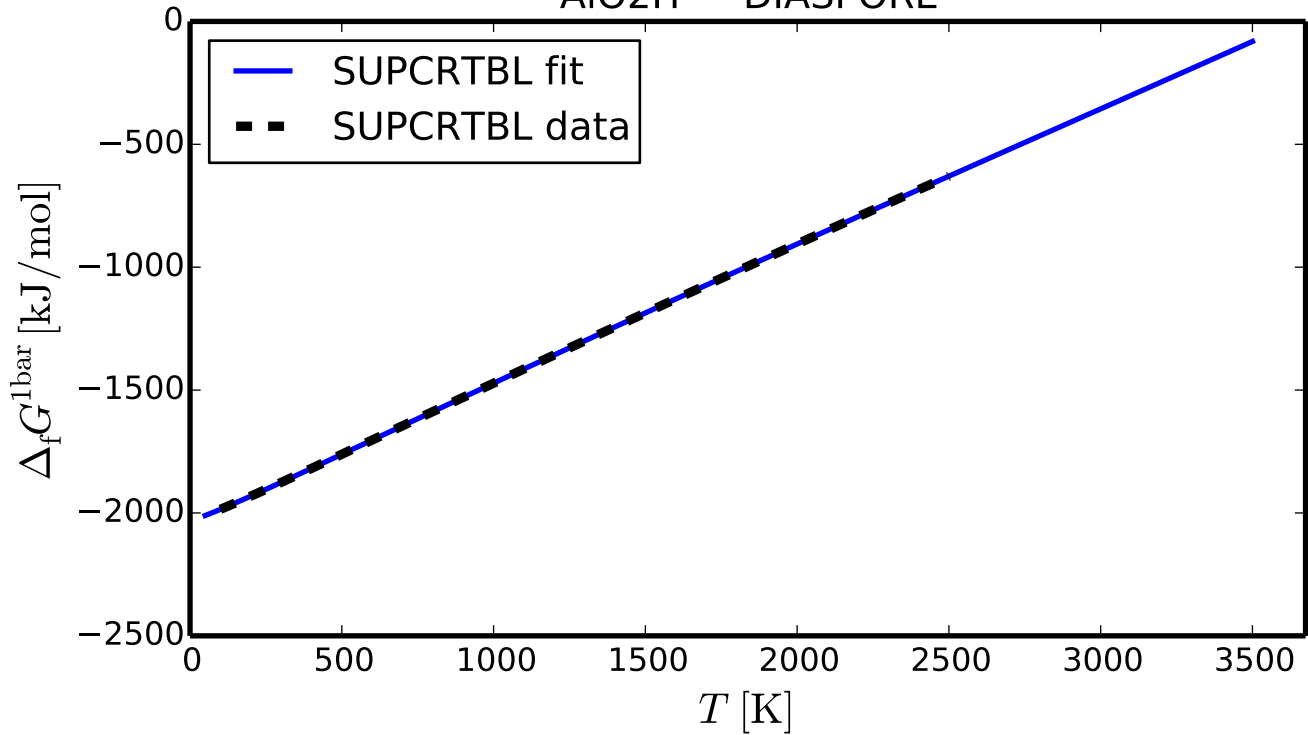
## MgAl2Si2O10H4 - MAGNESIOCARPHOLITE



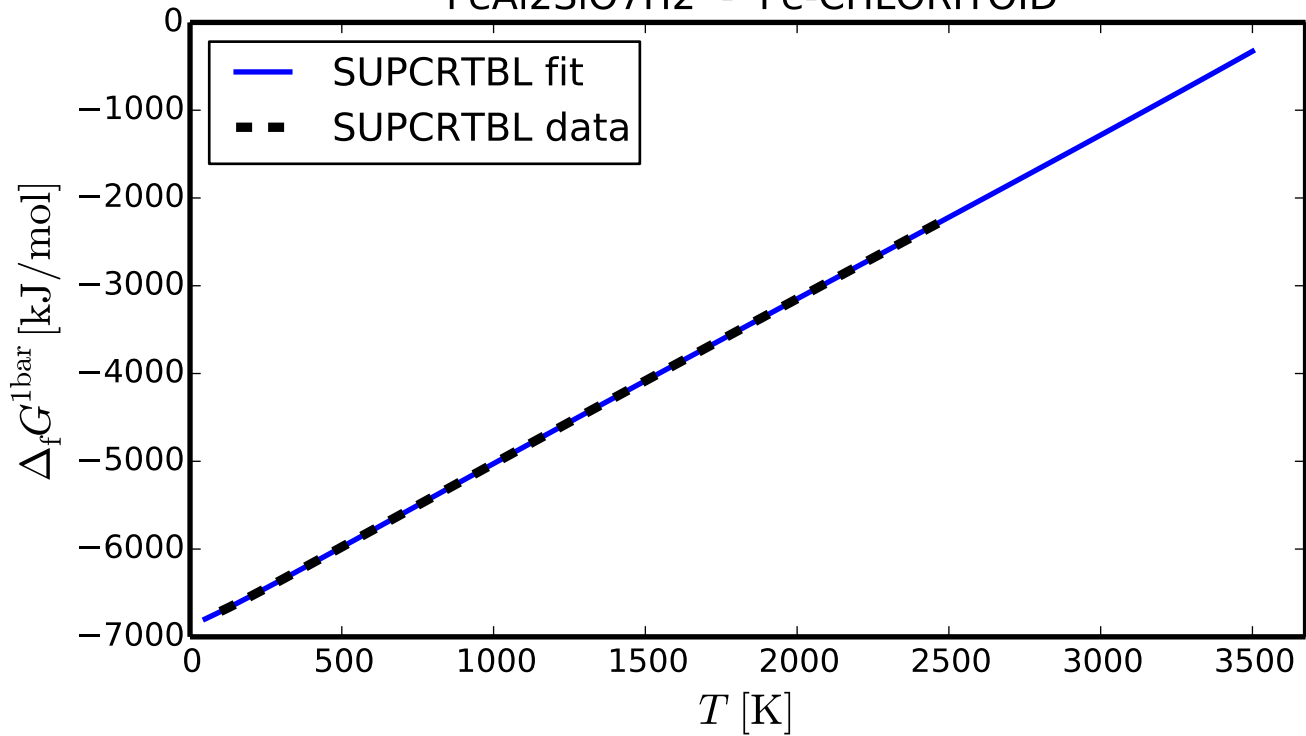
## FeTiO3 - ILMENITE



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

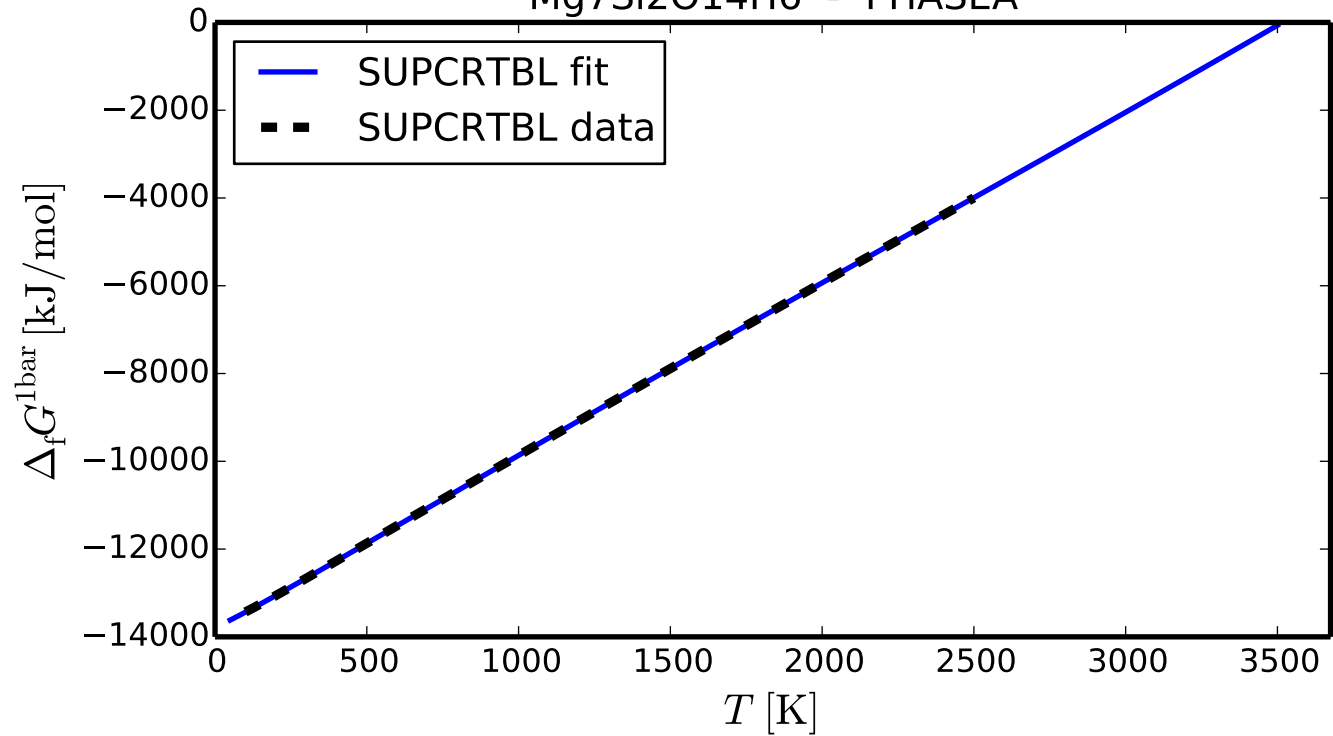


## FeAl2SiO7H2 - Fe-CHLORITOID

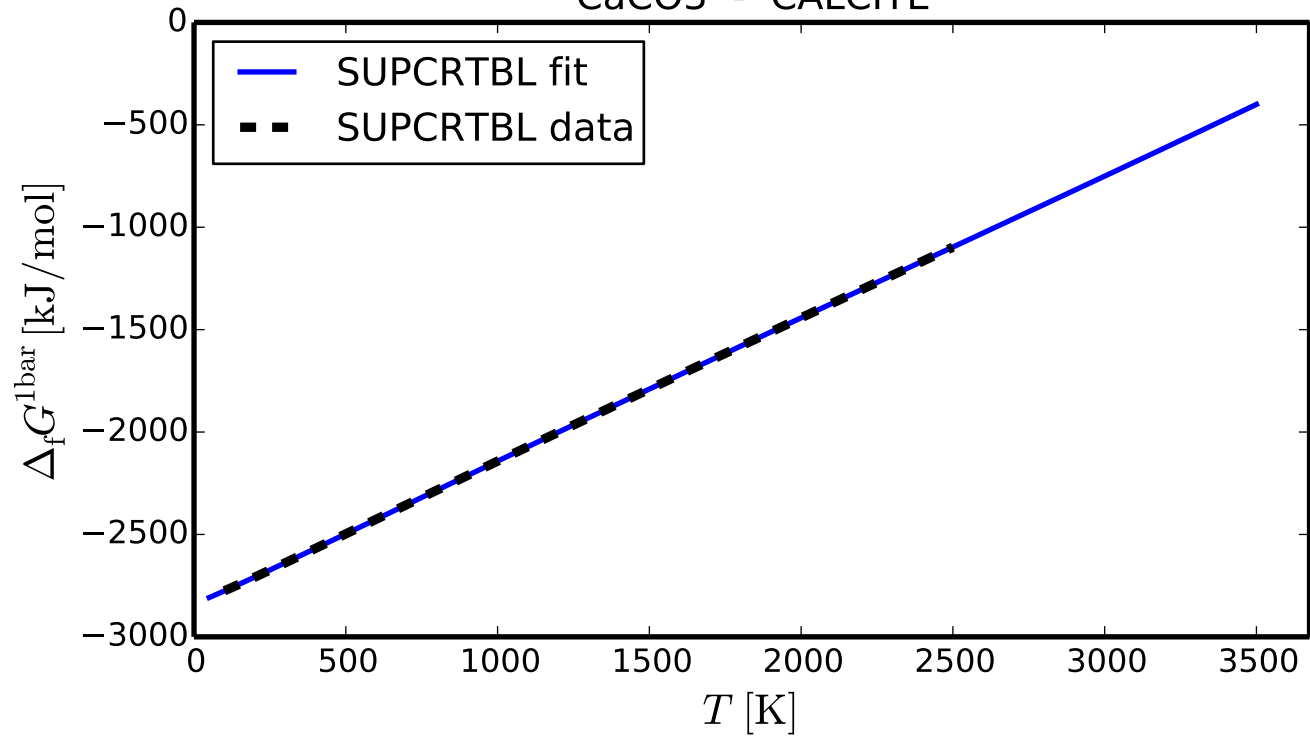




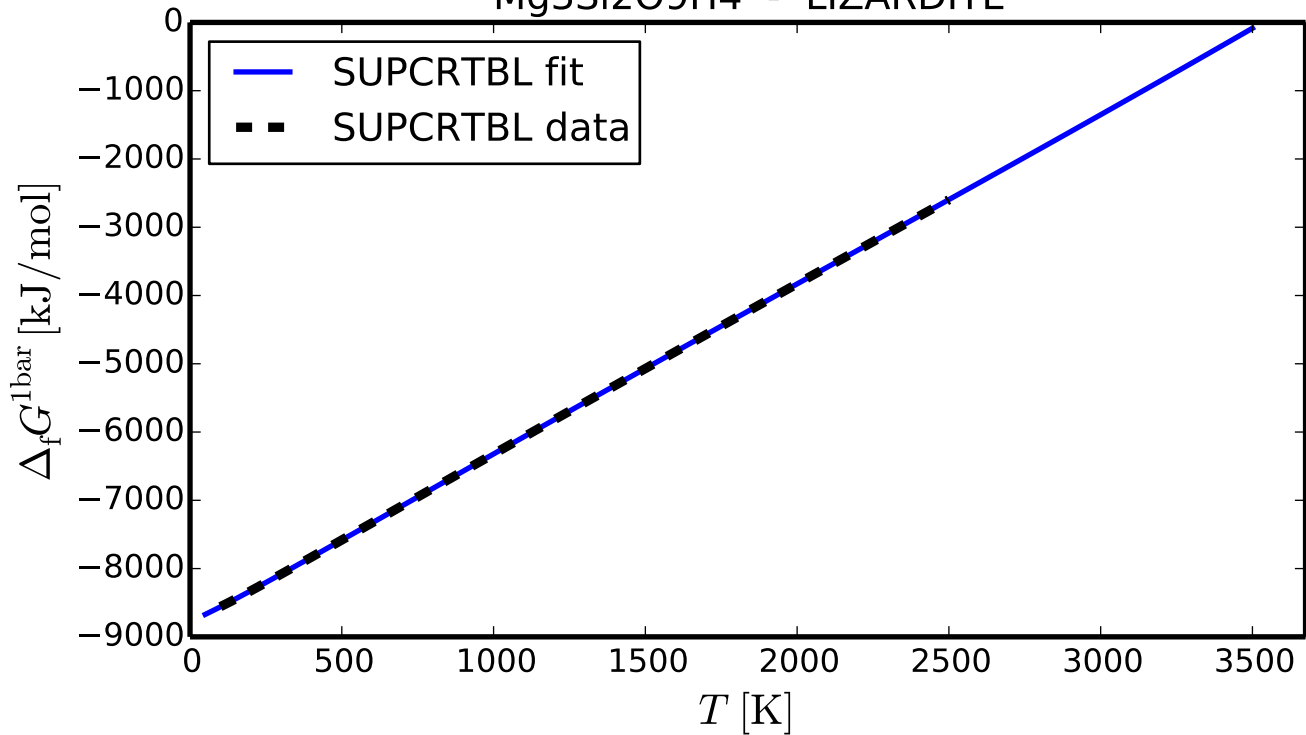
# Mg<sub>7</sub>Si<sub>2</sub>O<sub>14</sub>H<sub>6</sub> - PHASEA

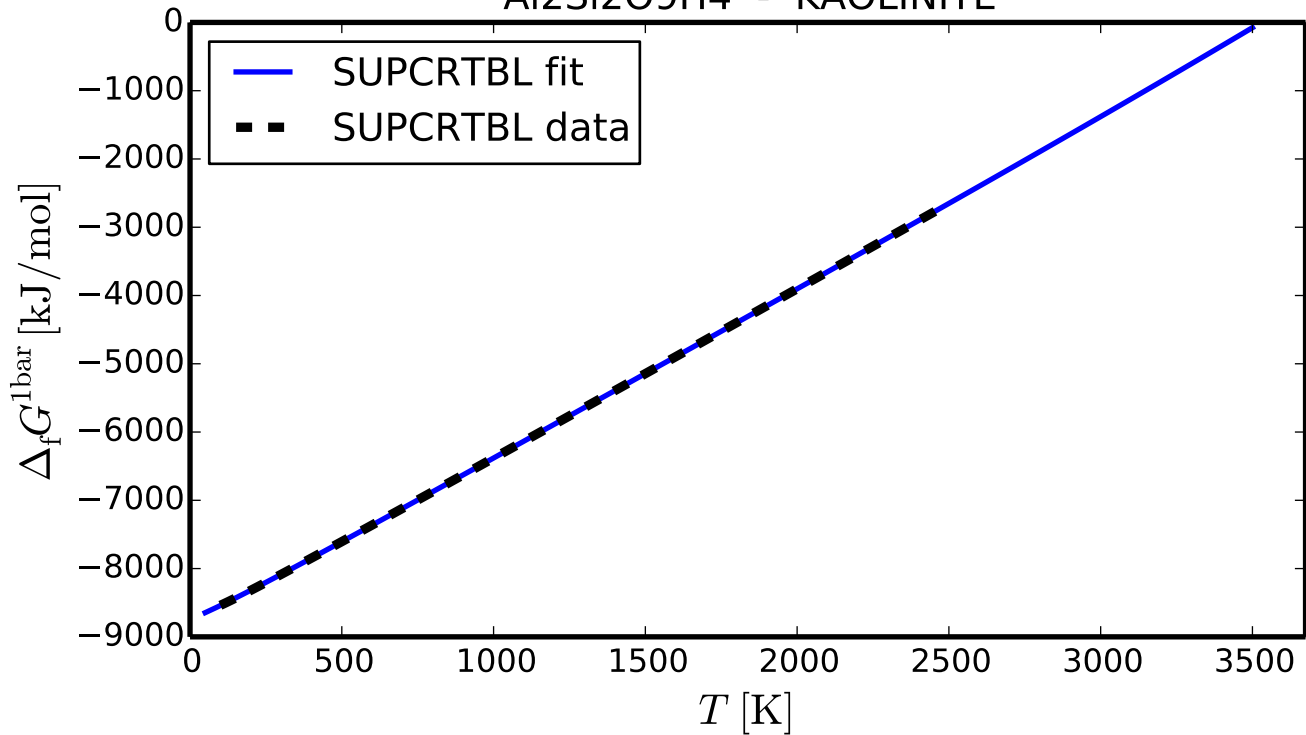


## CaCO3 - CALCITE

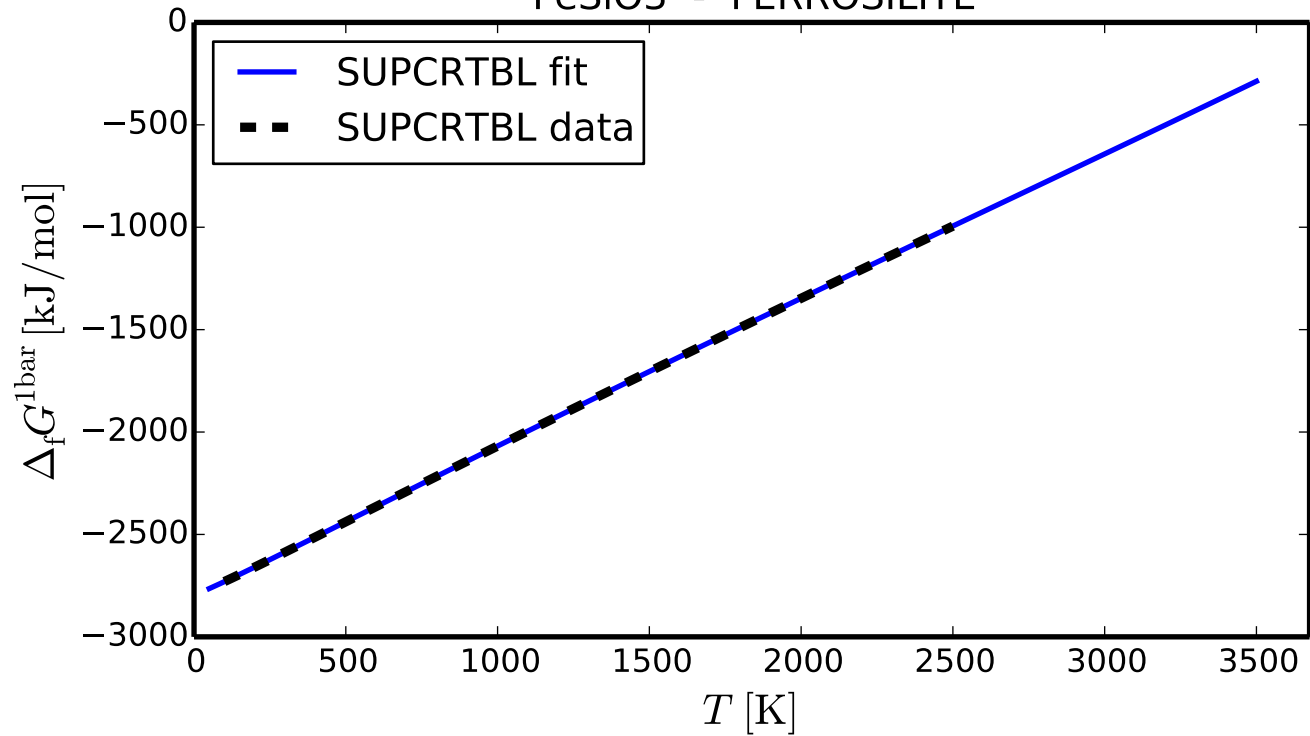


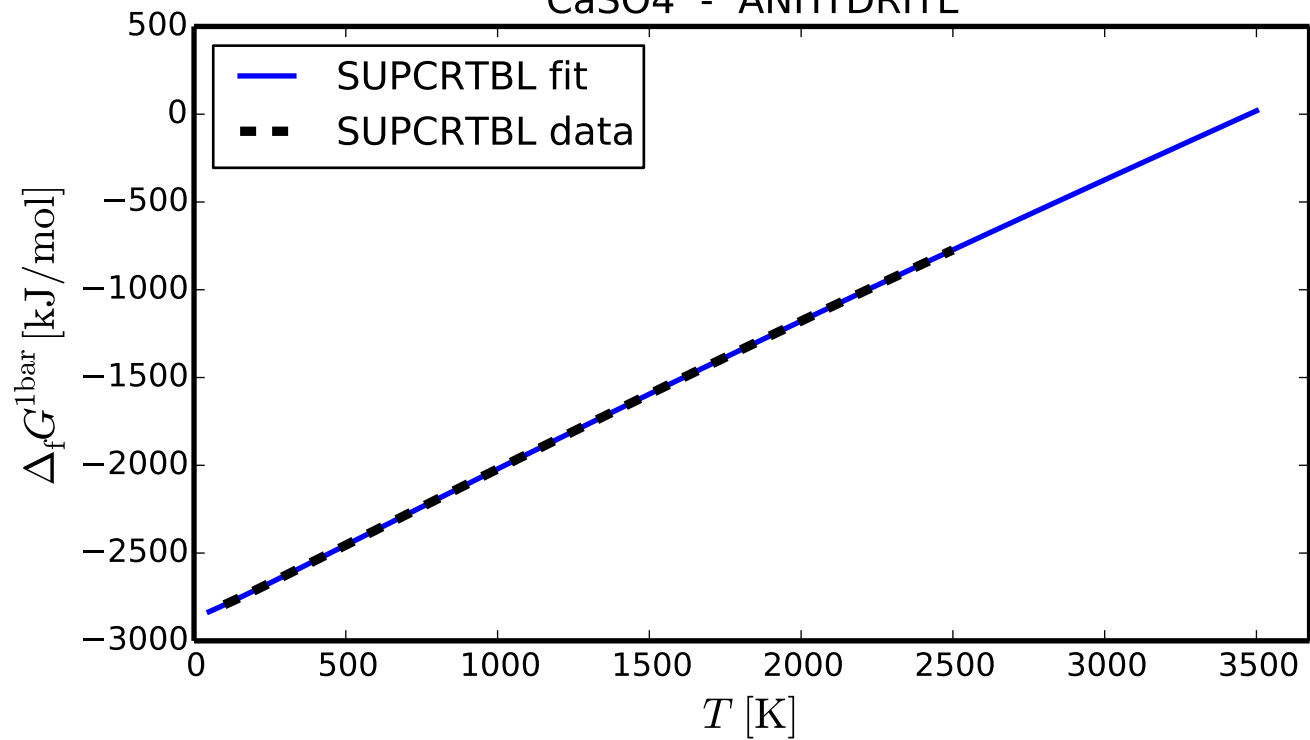
# Mg3Si2O9H4 - LIZARDITE



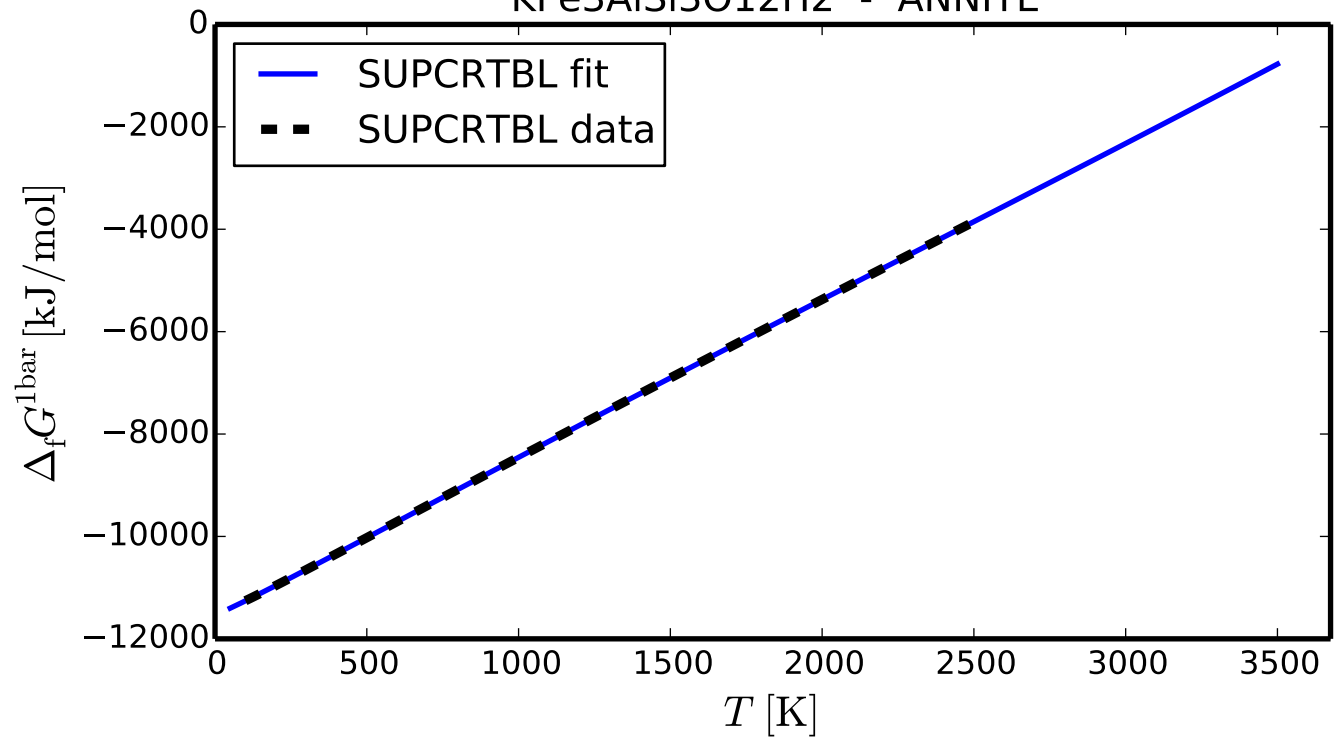
Al<sub>2</sub>Si<sub>2</sub>O<sub>9</sub>H<sub>4</sub> - KAOLINITE

## FeSiO3 - FERROSILITE

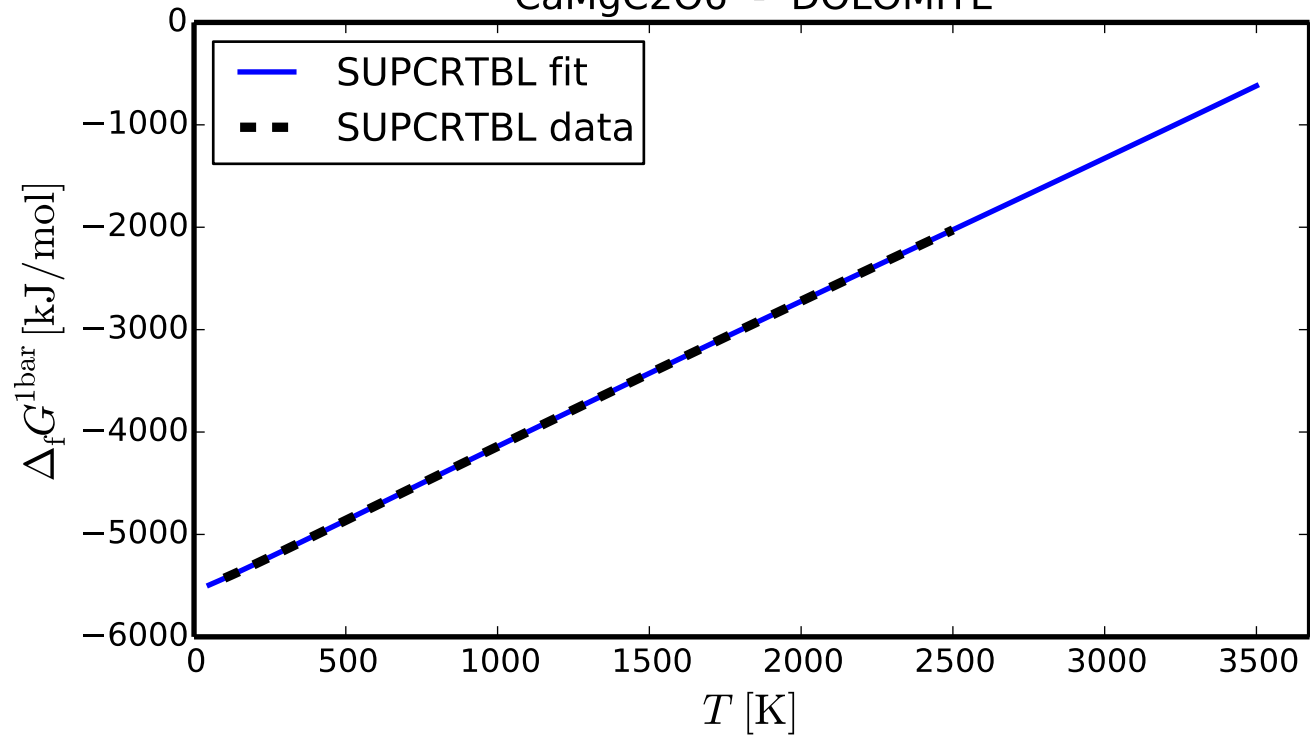


CaSO<sub>4</sub> - ANHYDRITE

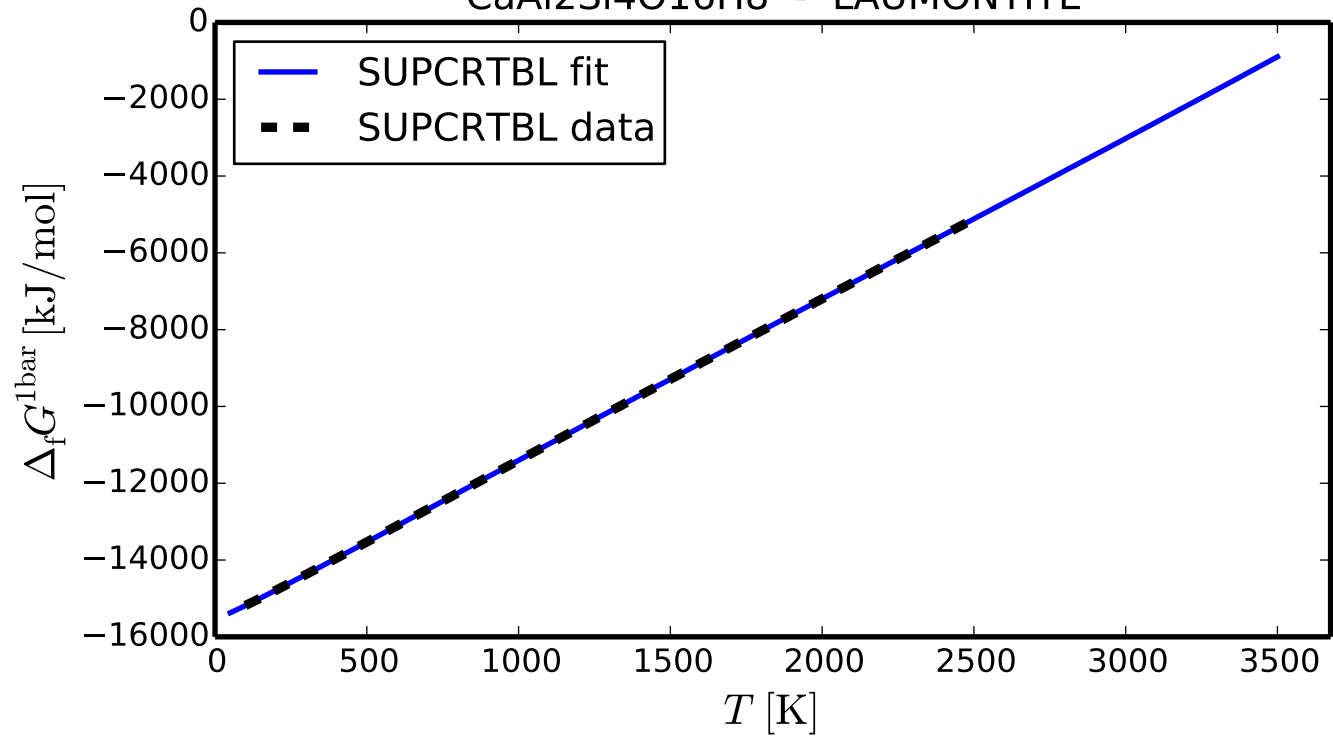
# KFe3AlSi3O12H2 - ANNITE

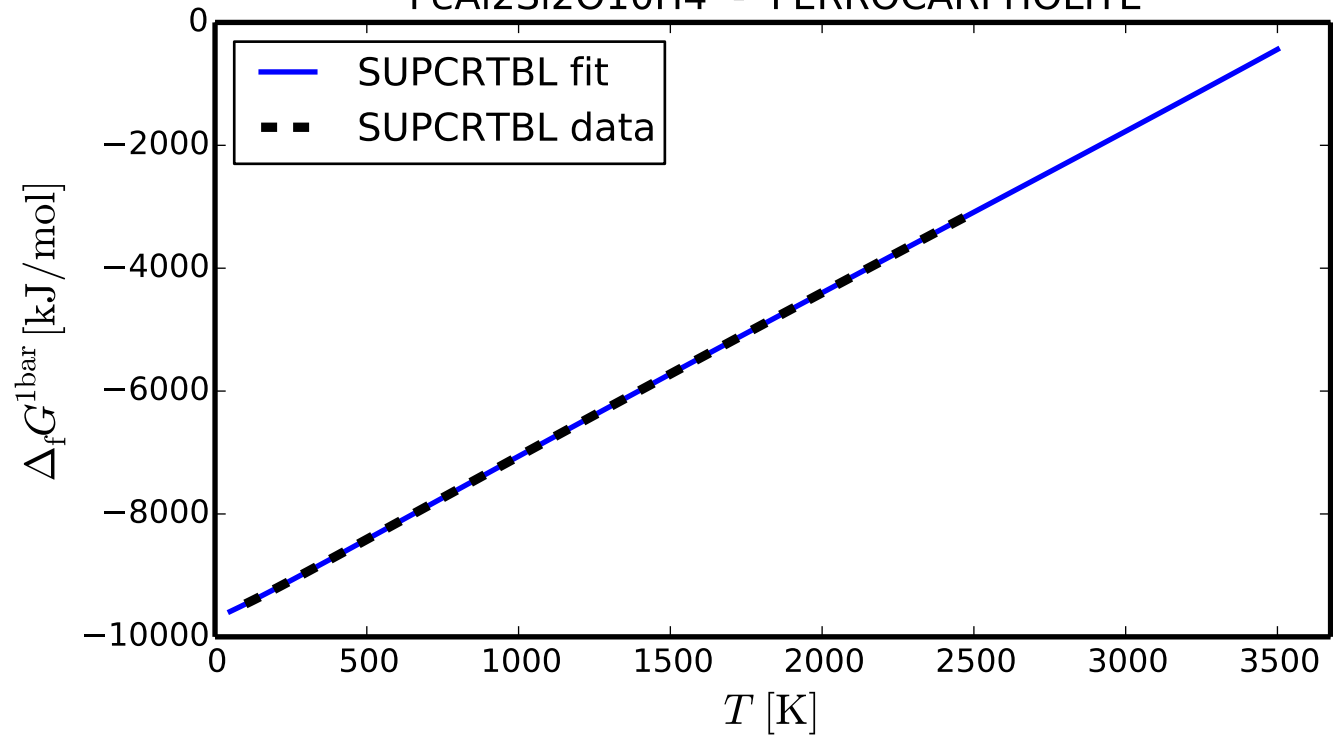


## CaMgC2O6 - DOLOMITE

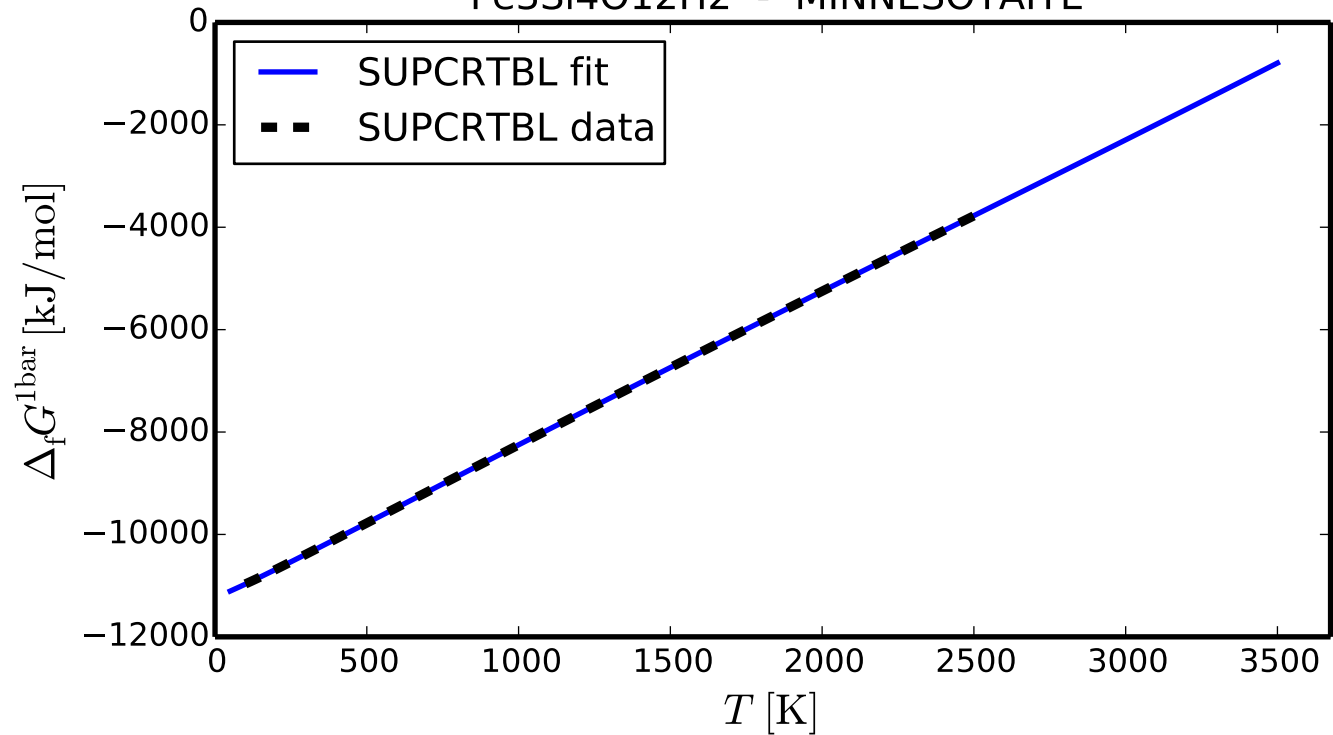




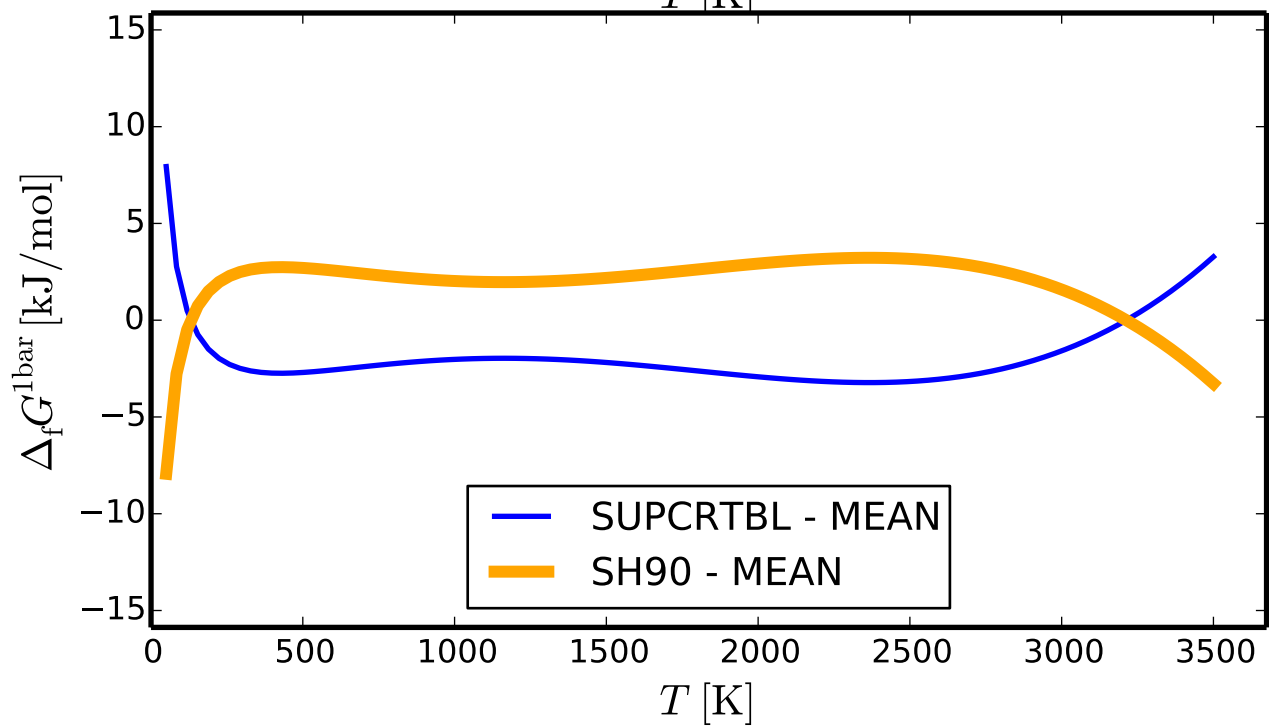
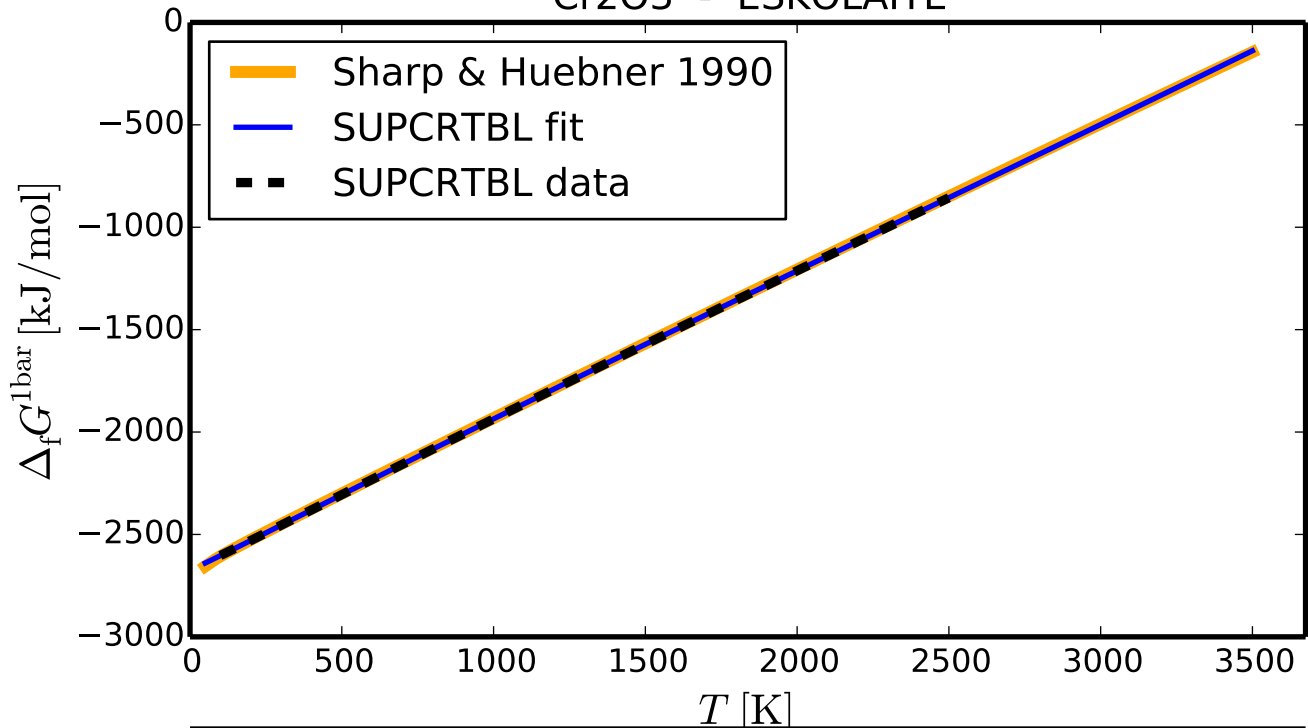
CaAl<sub>2</sub>Si<sub>4</sub>O<sub>16</sub>H<sub>8</sub> - LAUMONTITE

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

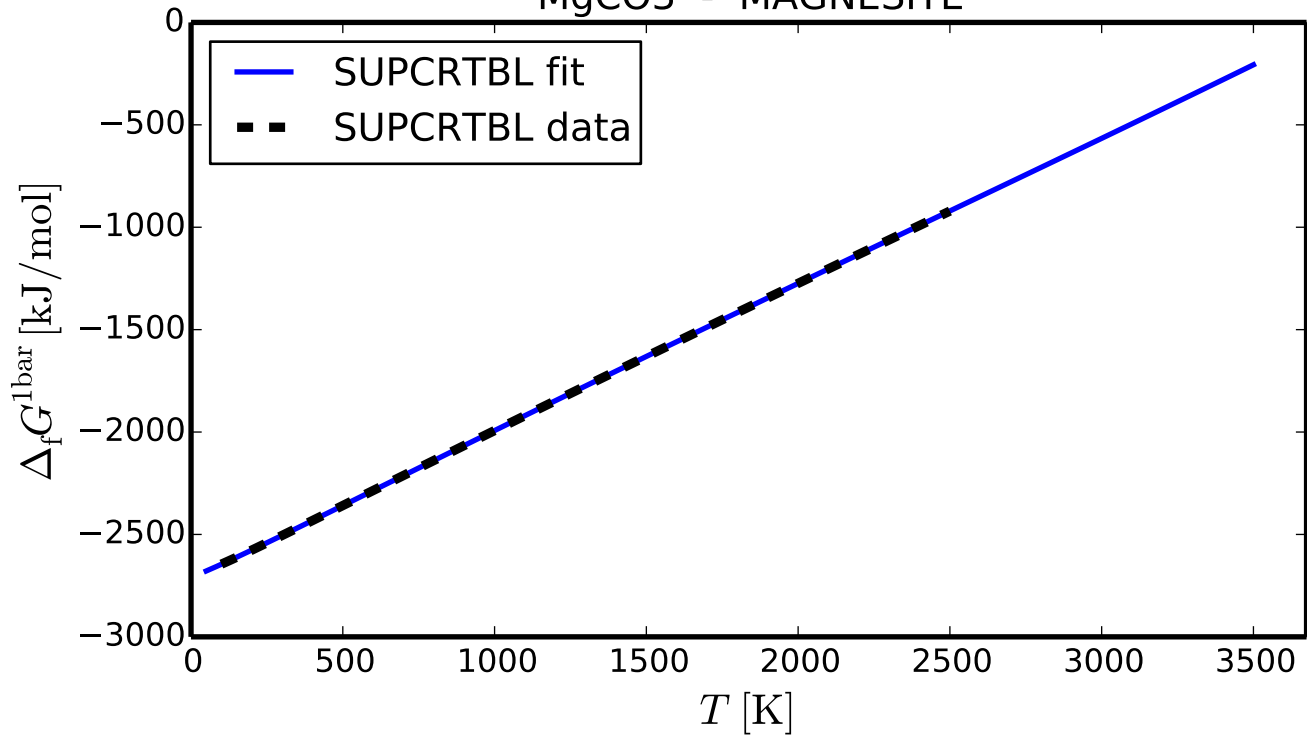
## Fe3Si4O12H2 - MINNESOTAITE



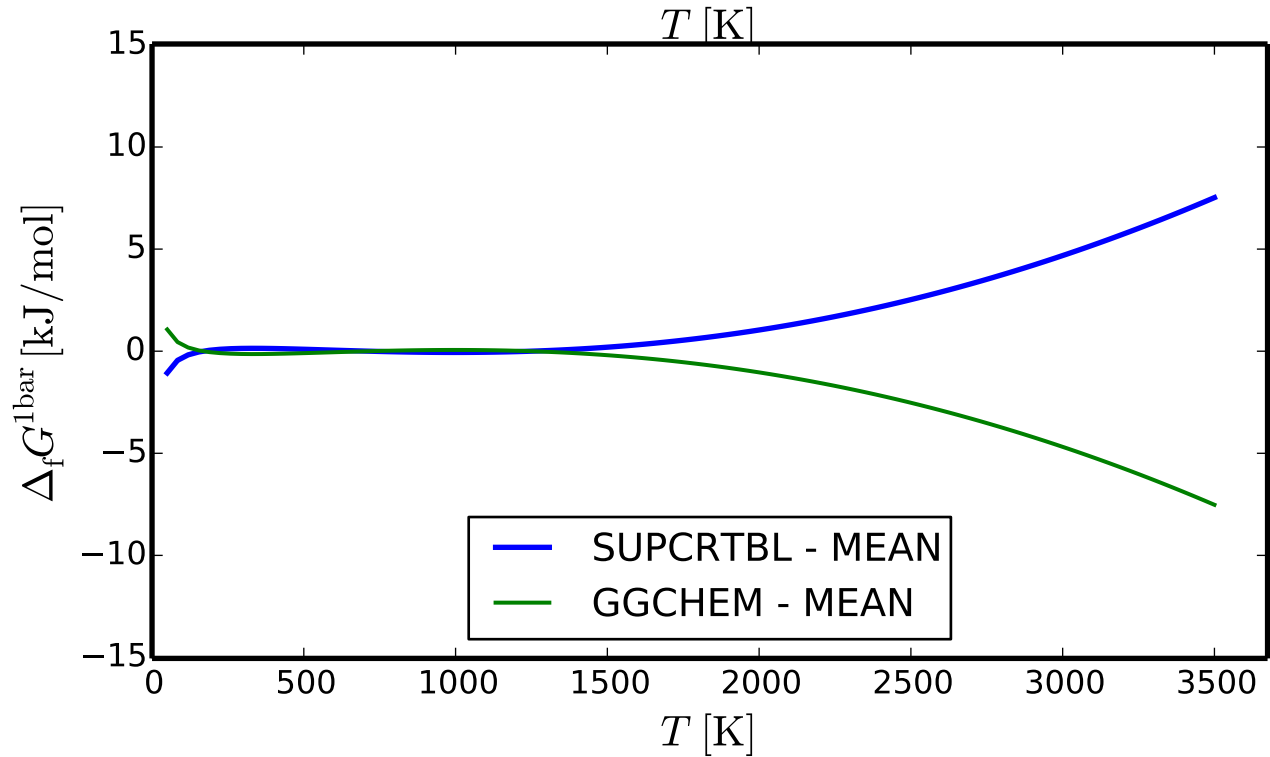
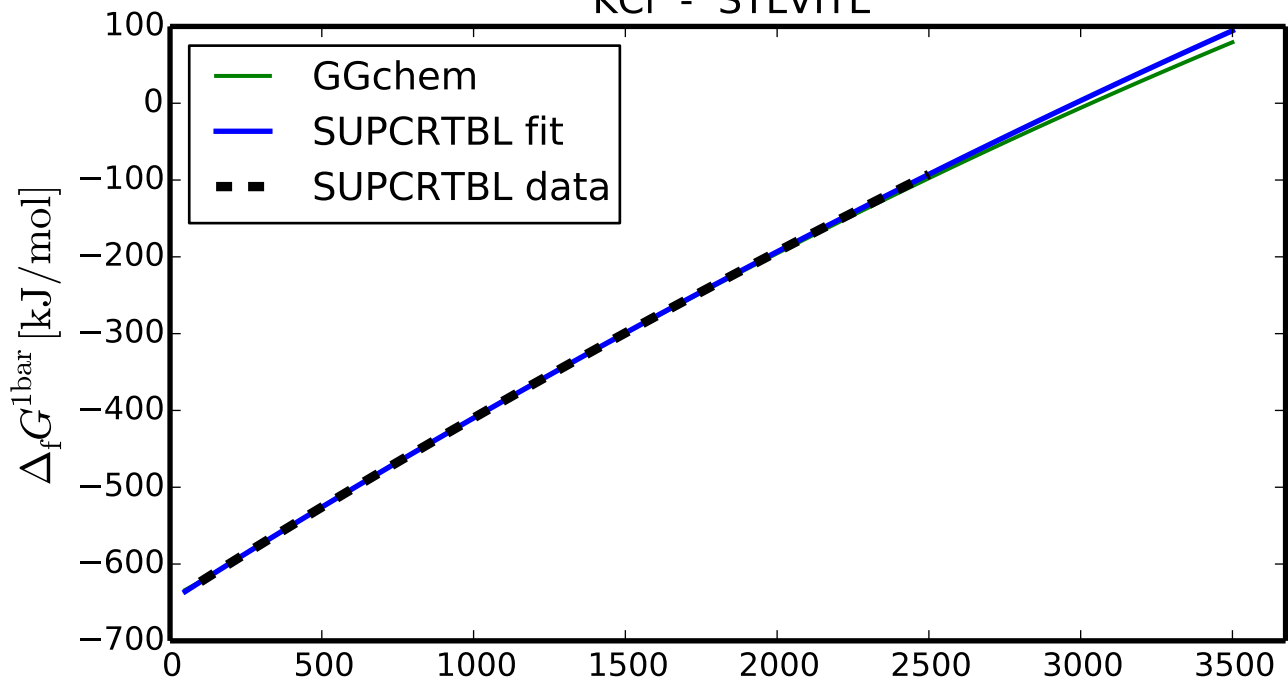
## Cr2O3 - ESKOLAITE



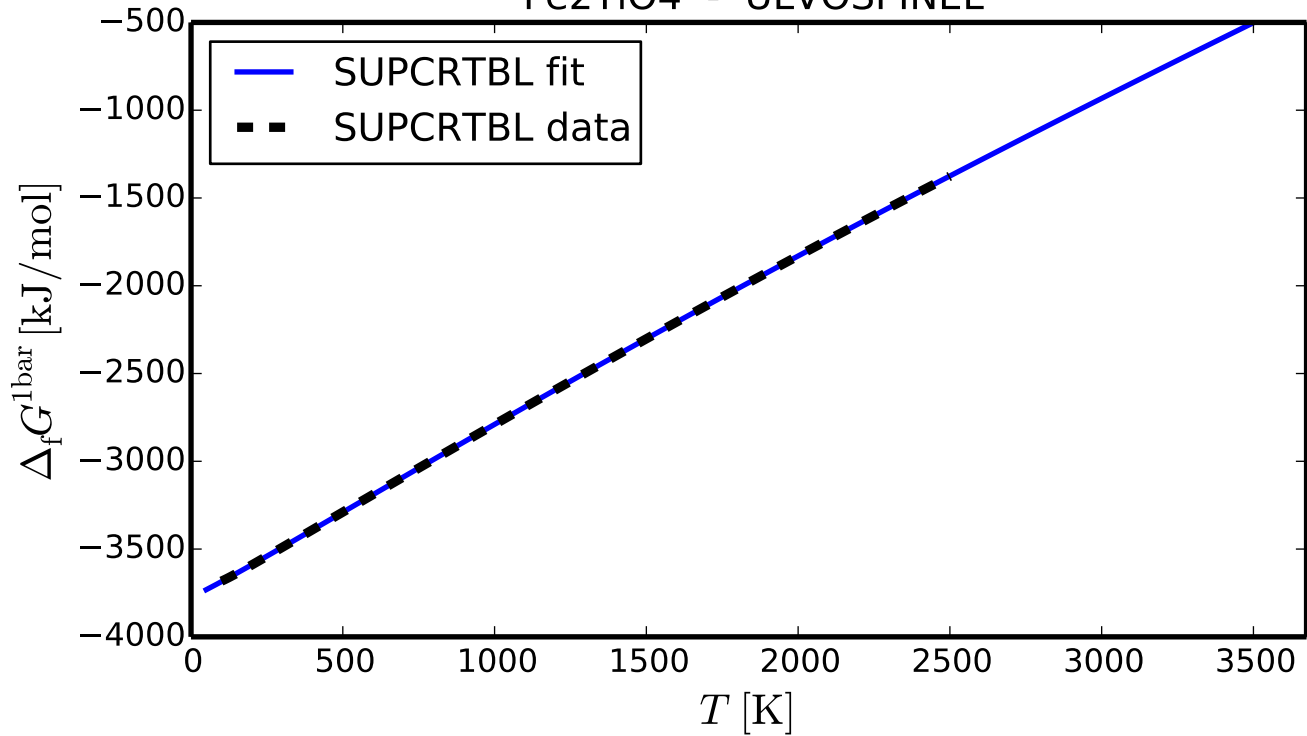
## MgCO3 - MAGNESITE



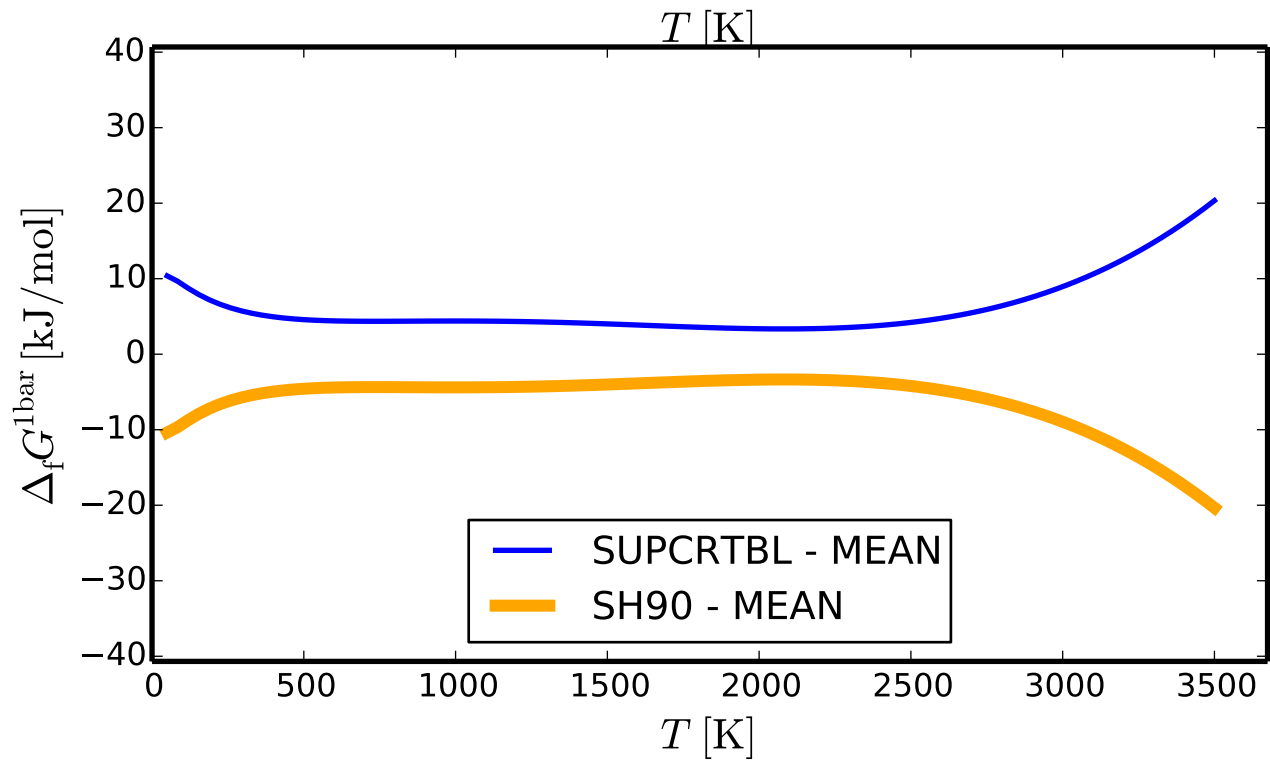
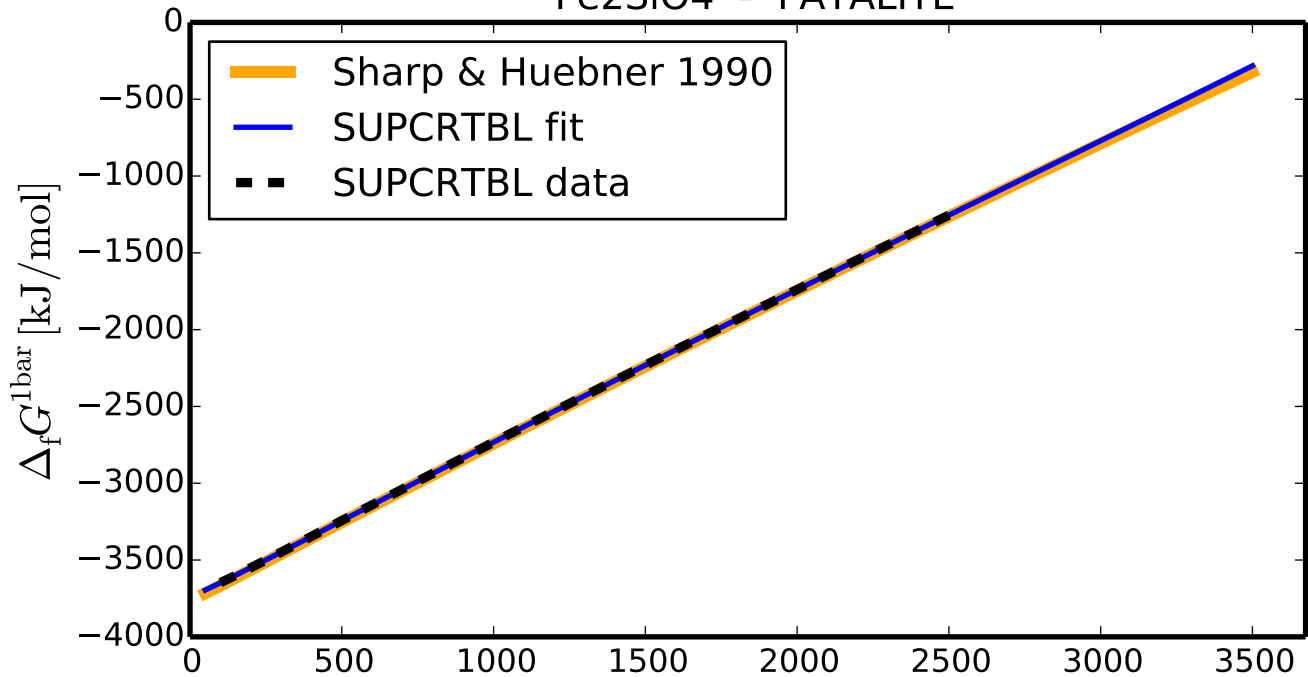
## KCl - SYLVITE



## Fe2TiO4 - ULVOSPINEL

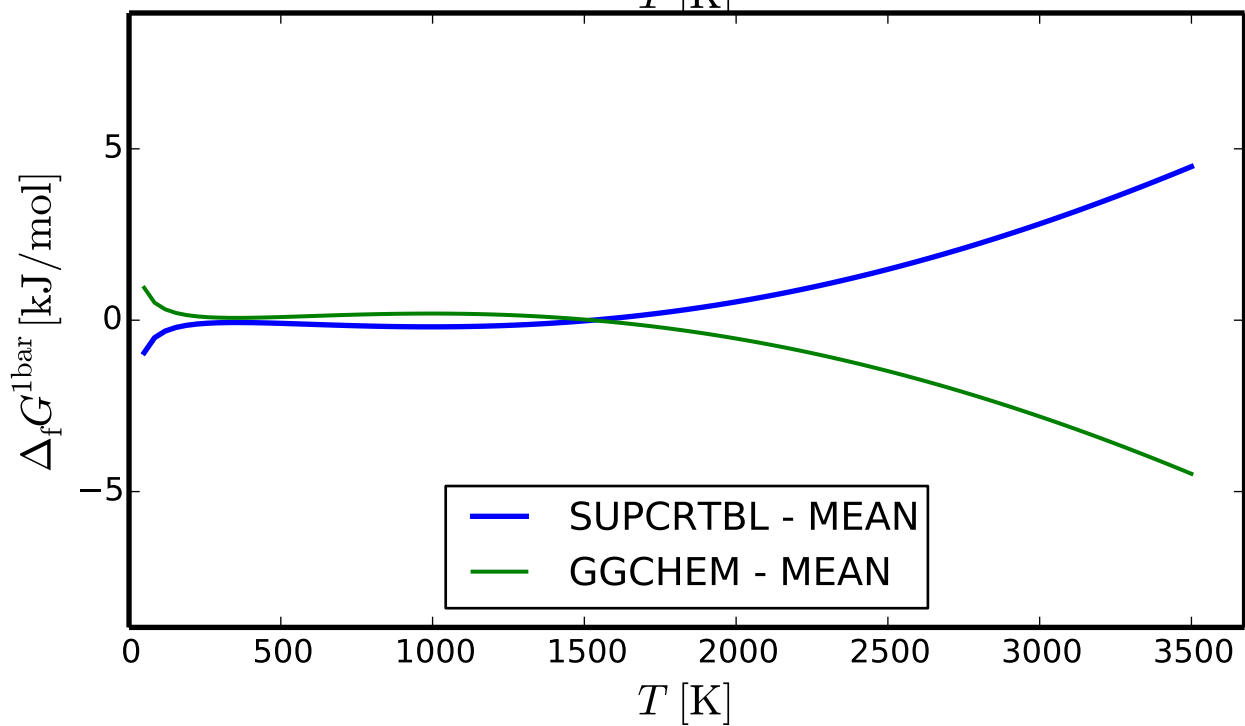
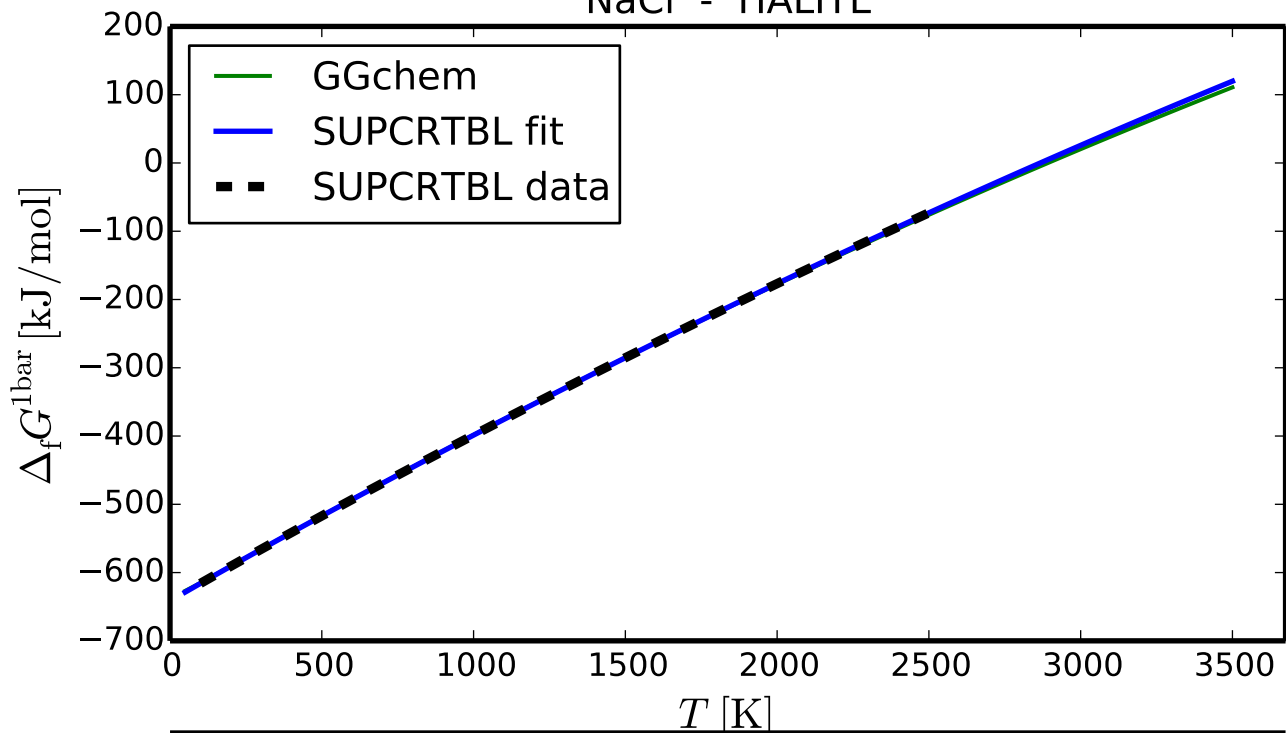


## Fe2SiO4 - FAYALITE

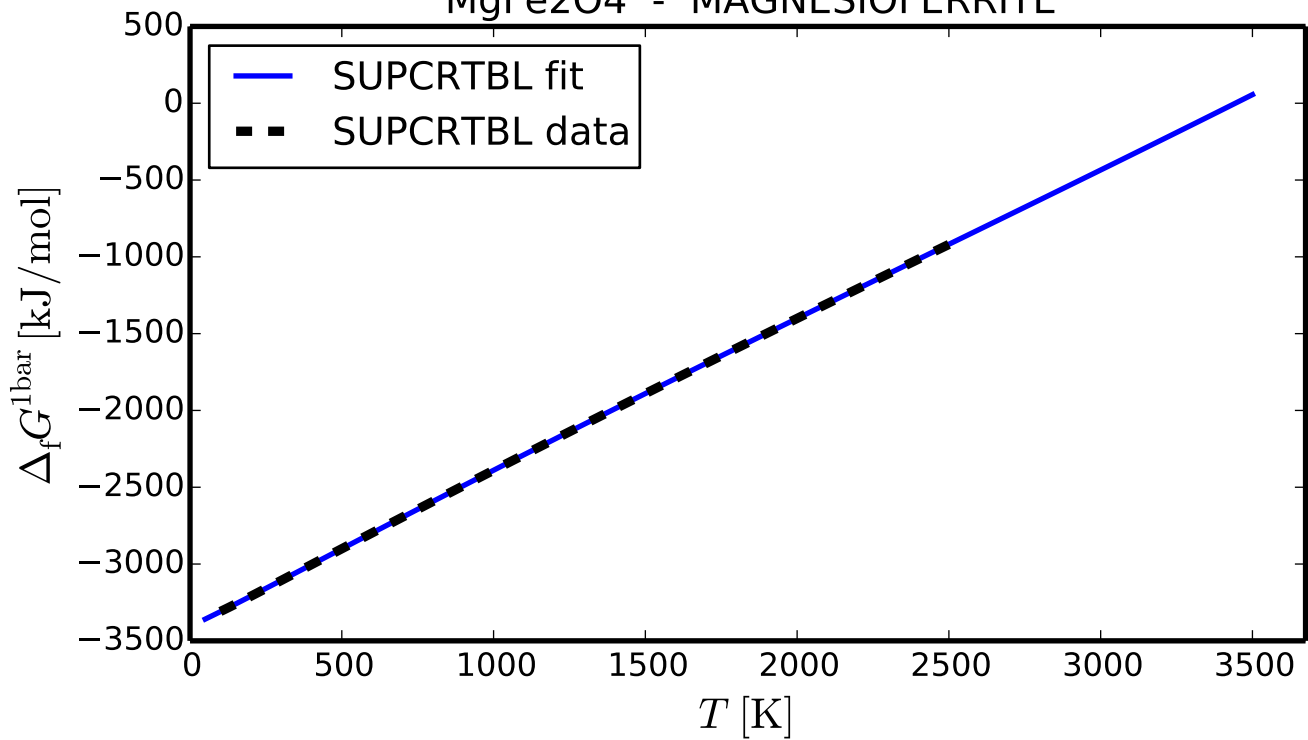




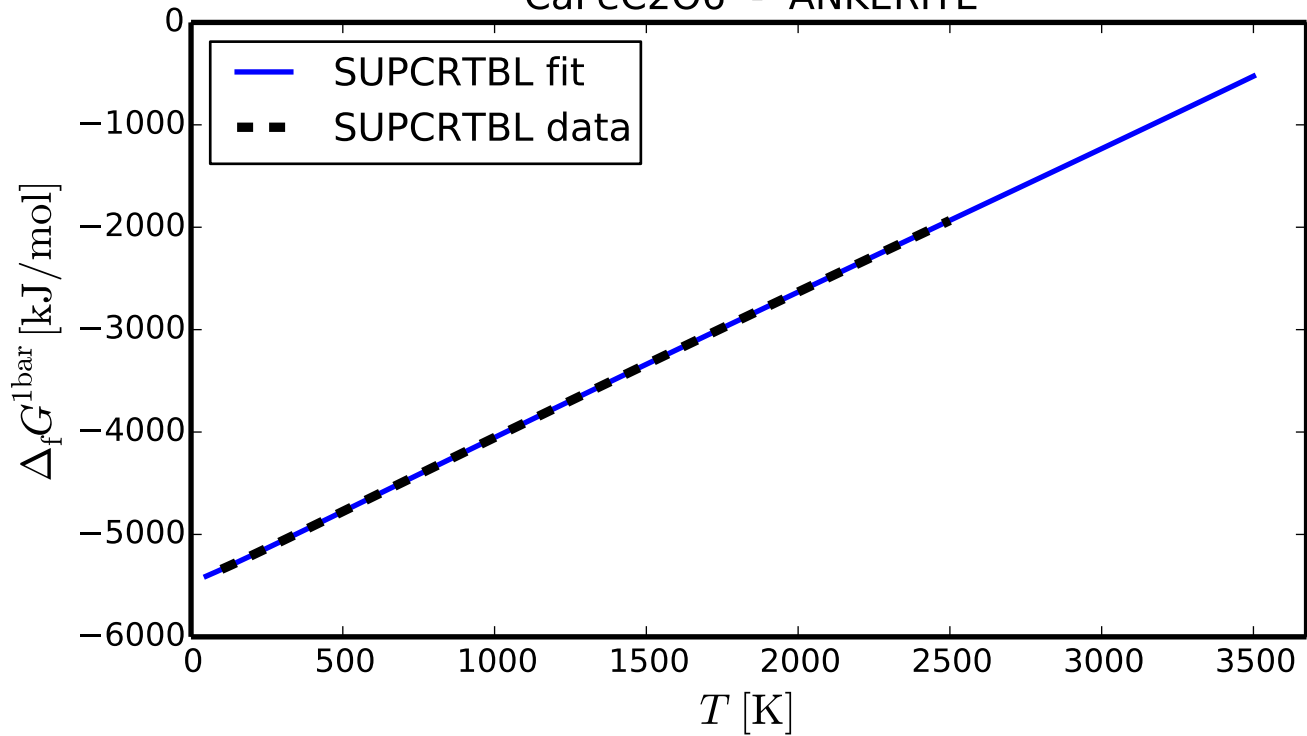
## NaCl - HALITE



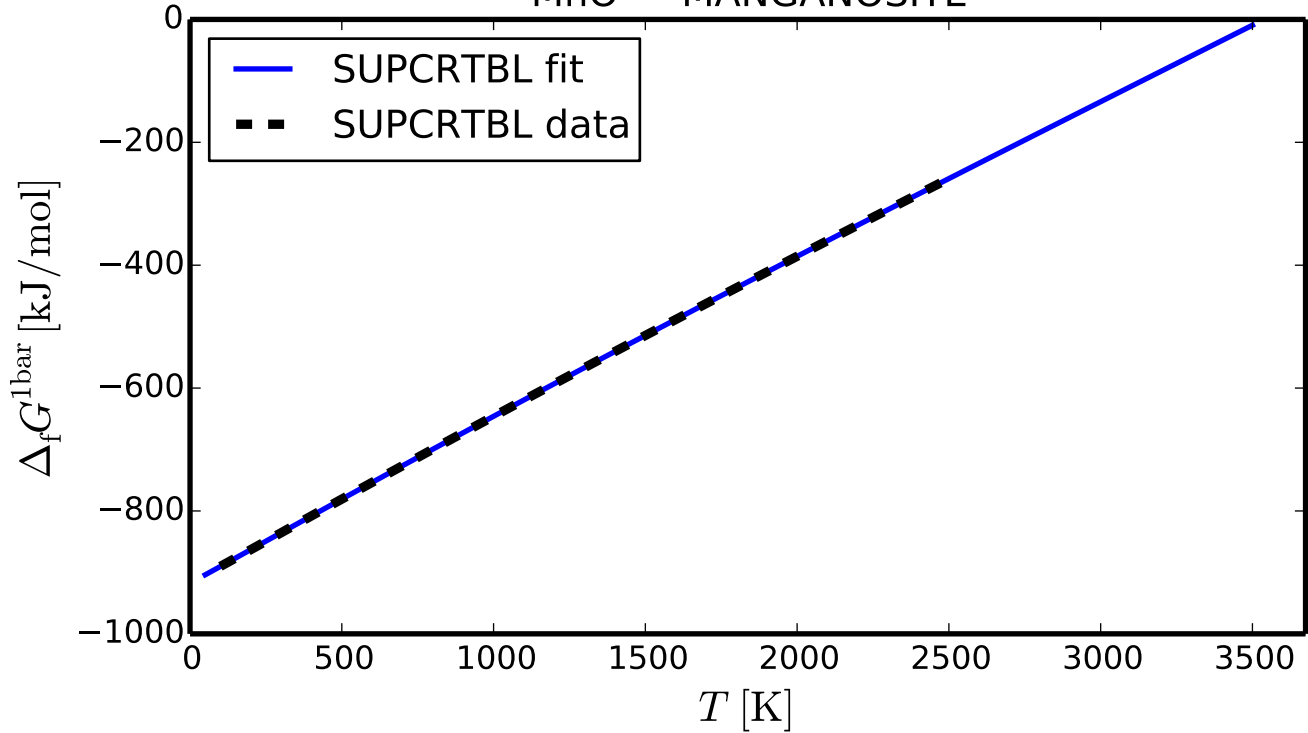
# MgFe2O4 - MAGNESIOFERRITE

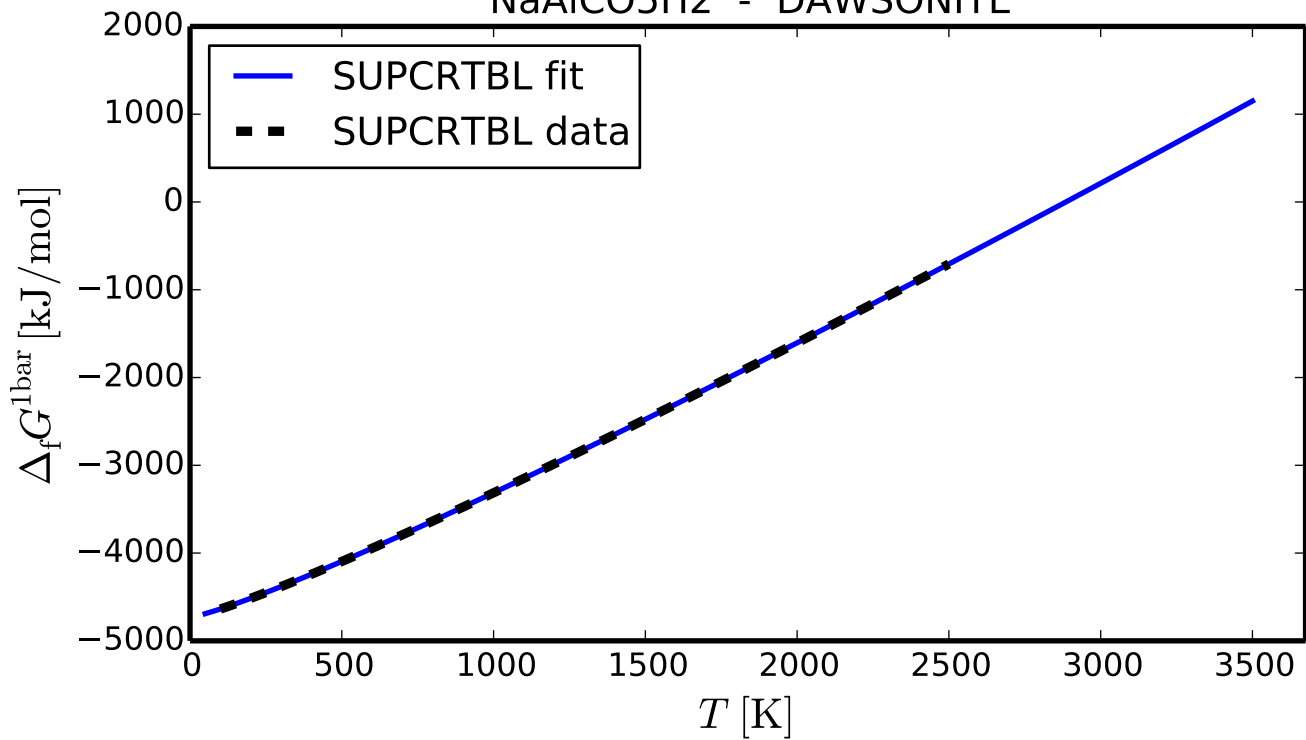


## CaFeC2O6 - ANKERITE

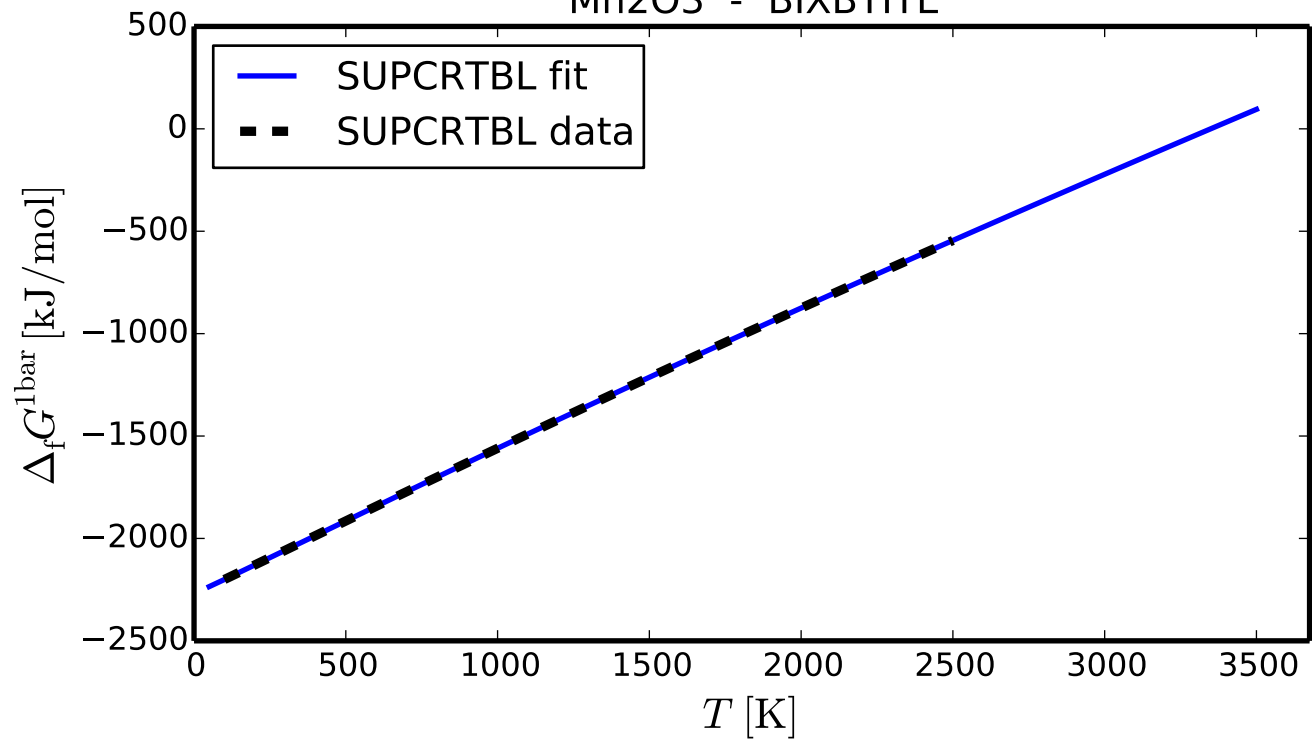


# MnO - MANGANOSITE

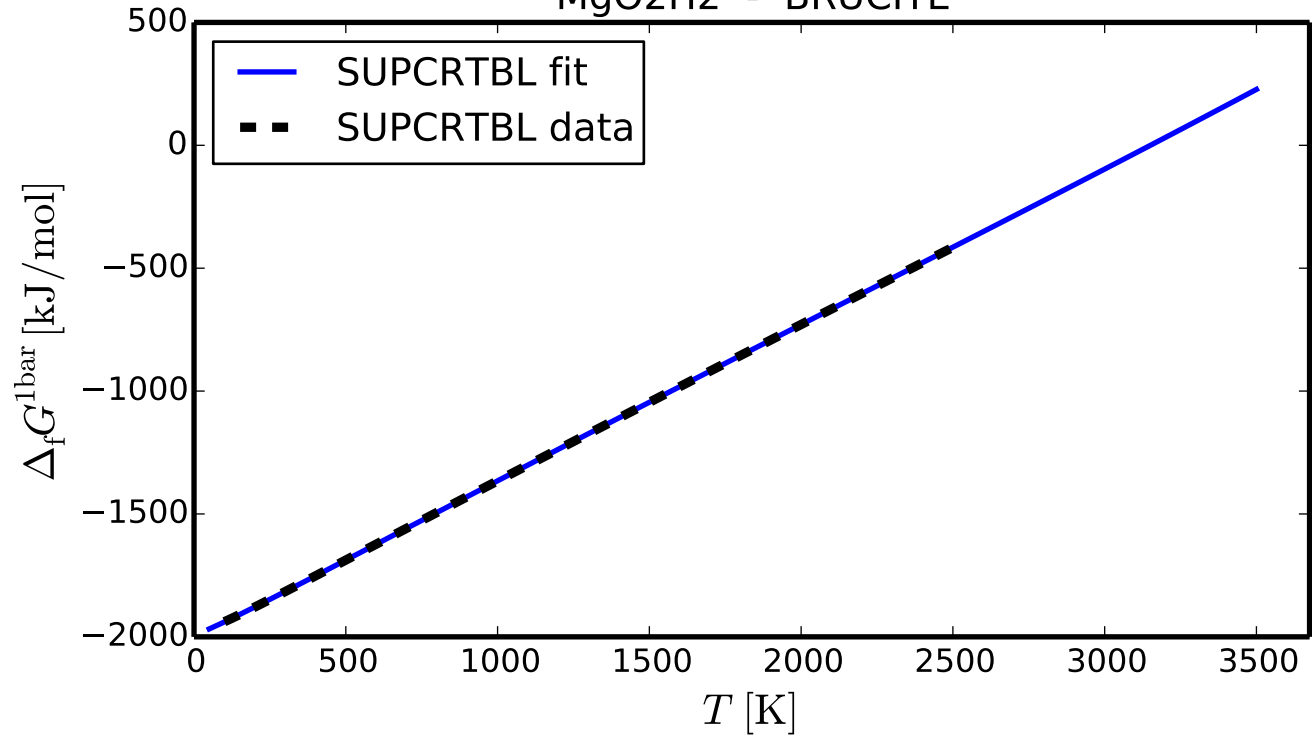


NaAlCO<sub>5</sub>H<sub>2</sub> - DAWSONITE

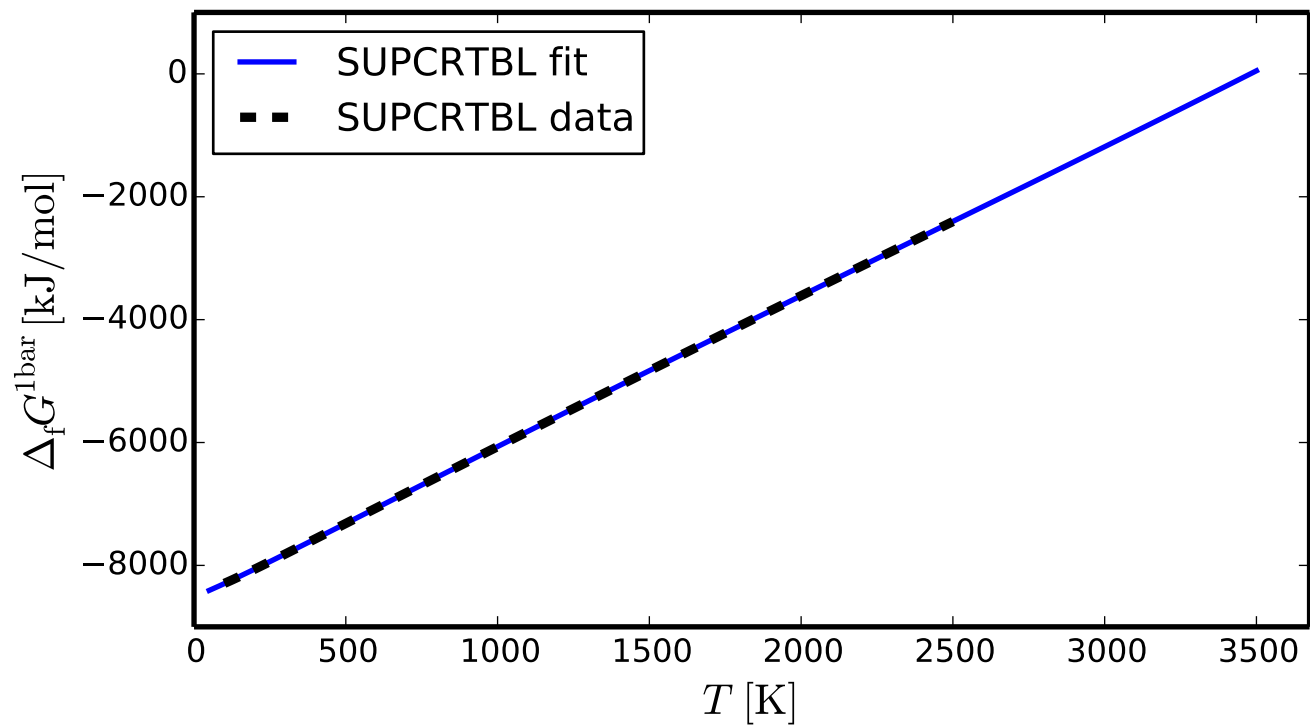
# Mn<sub>2</sub>O<sub>3</sub> - BIXBYITE



# MgO2H2 - BRUCITE

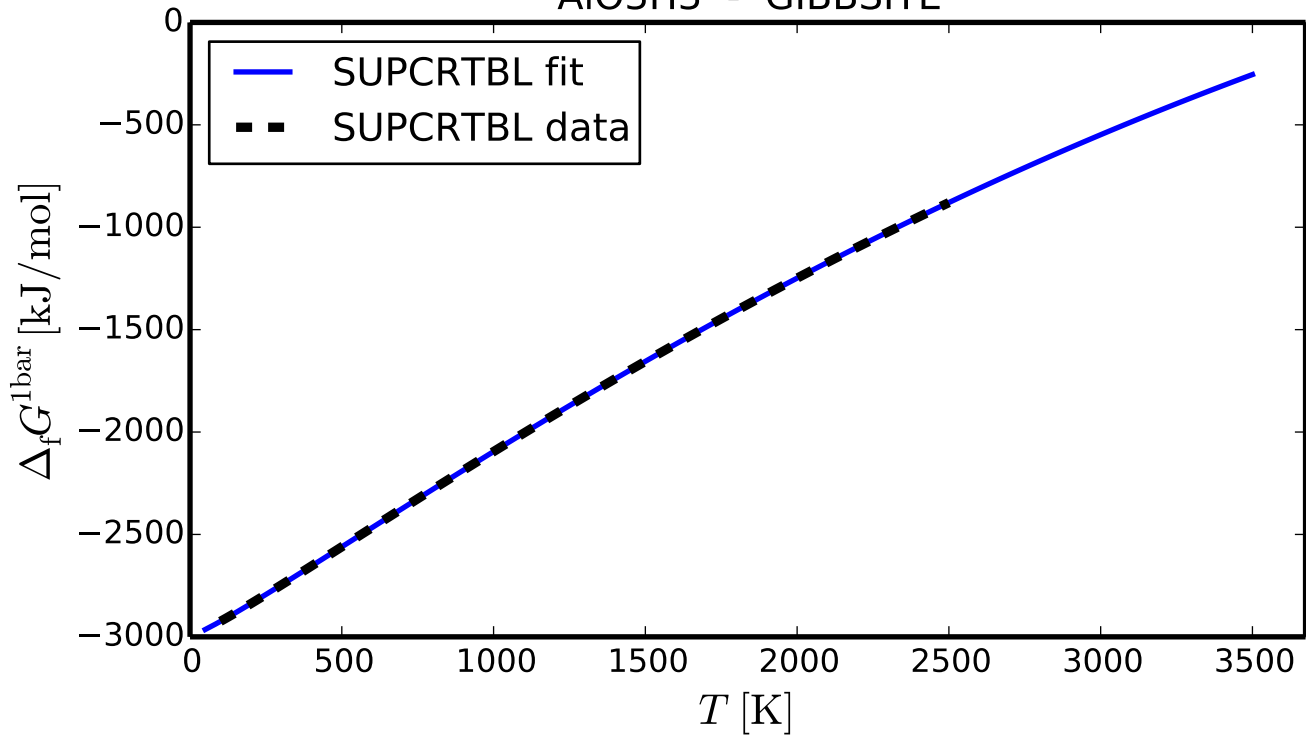


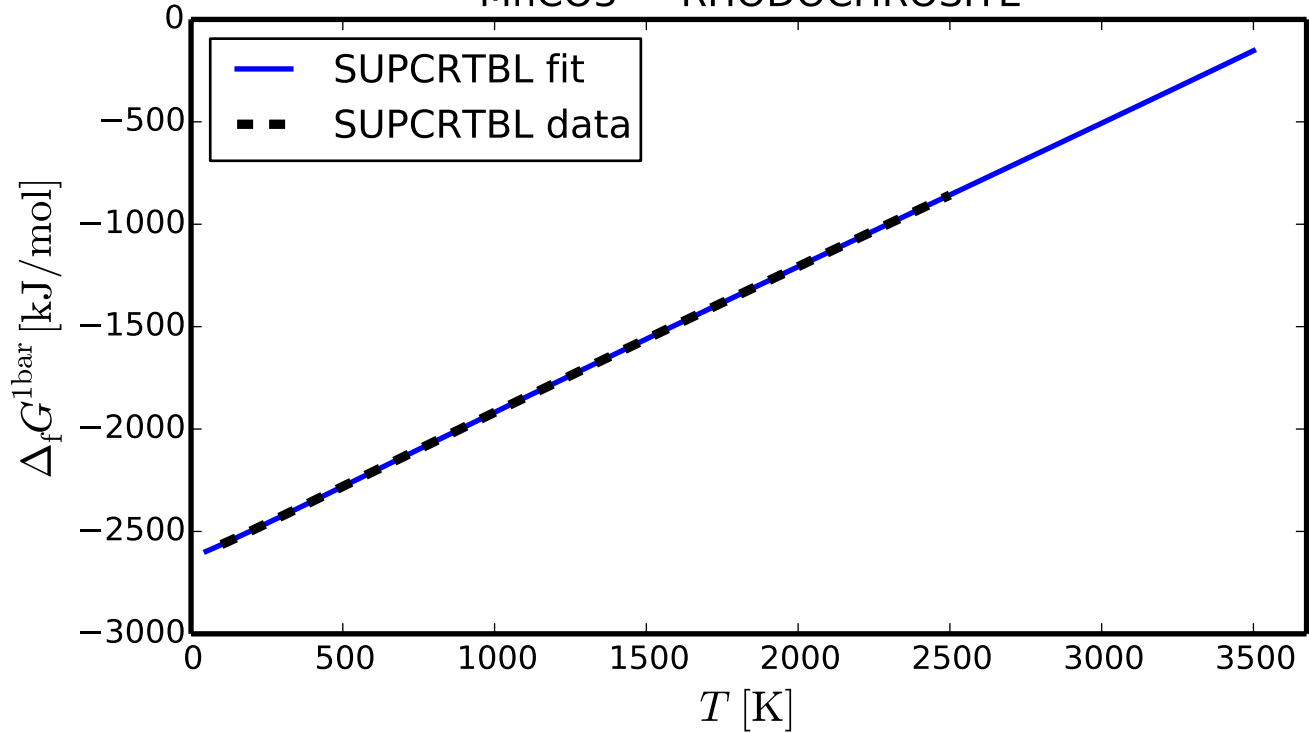
## Fe3Si2O9H4 - GREENALITE



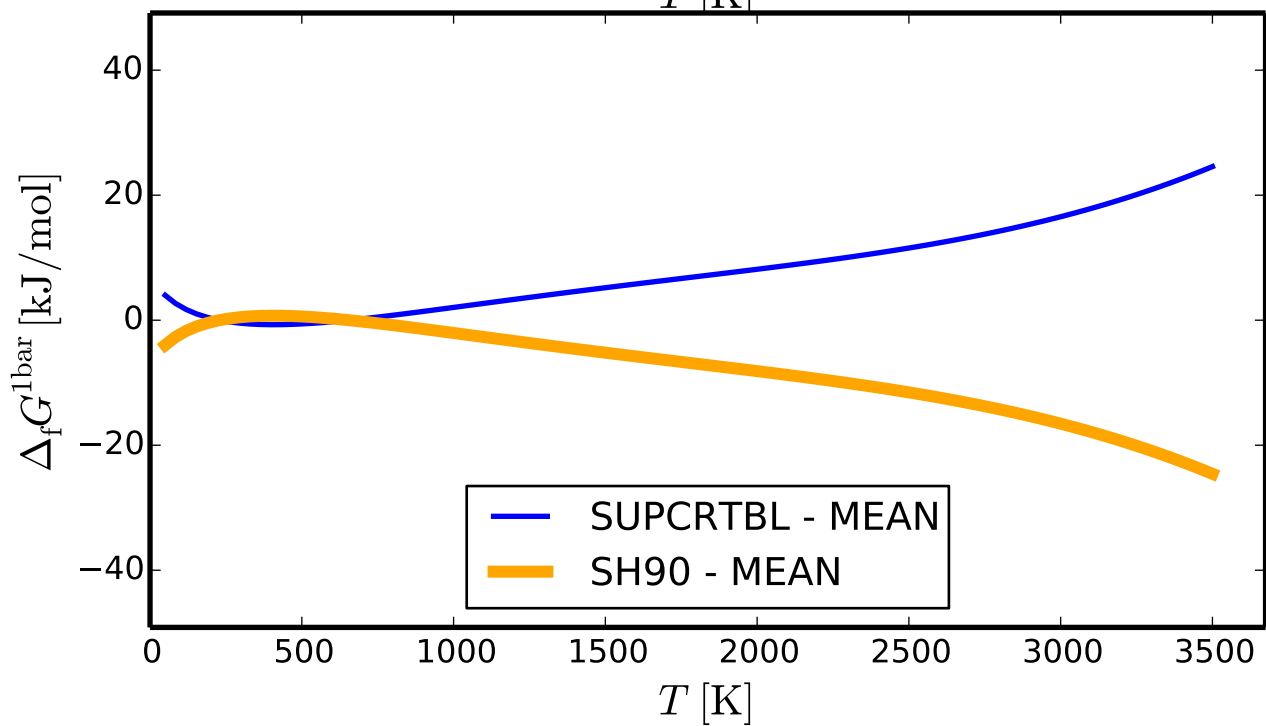
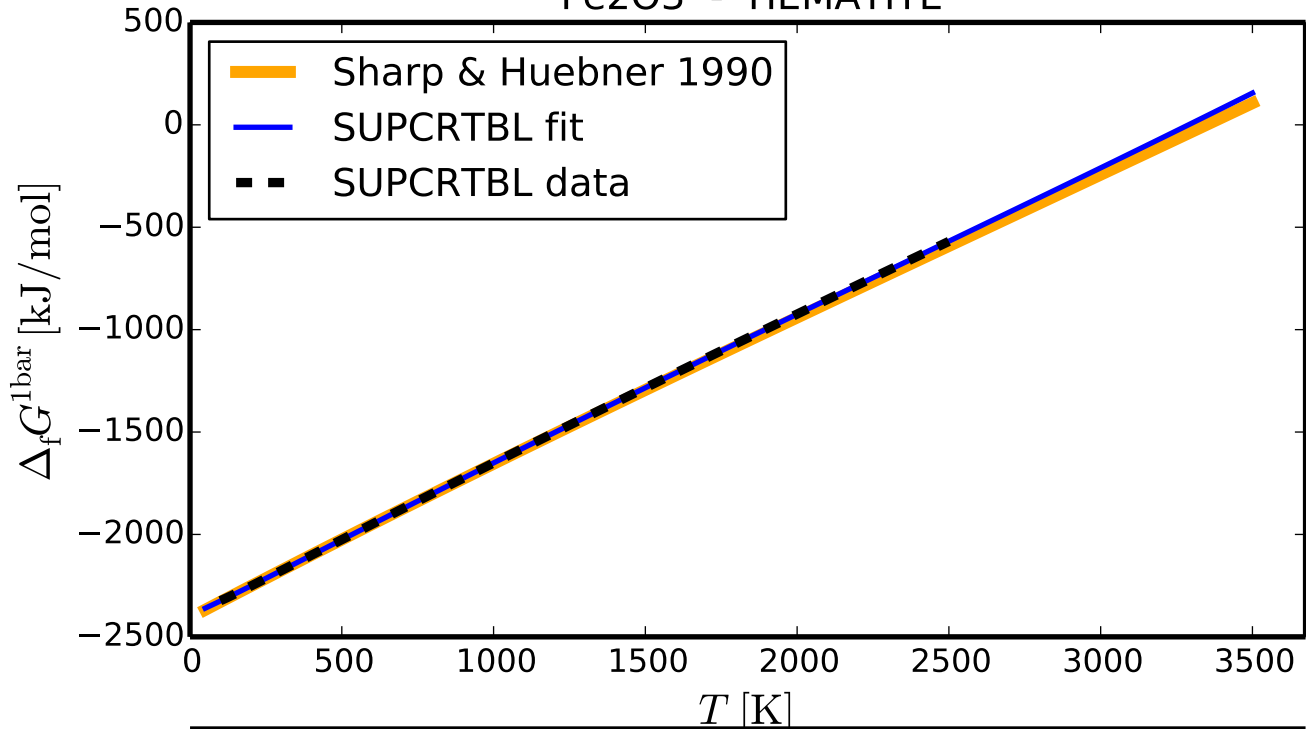


## AlO3H3 - GIBBSITE

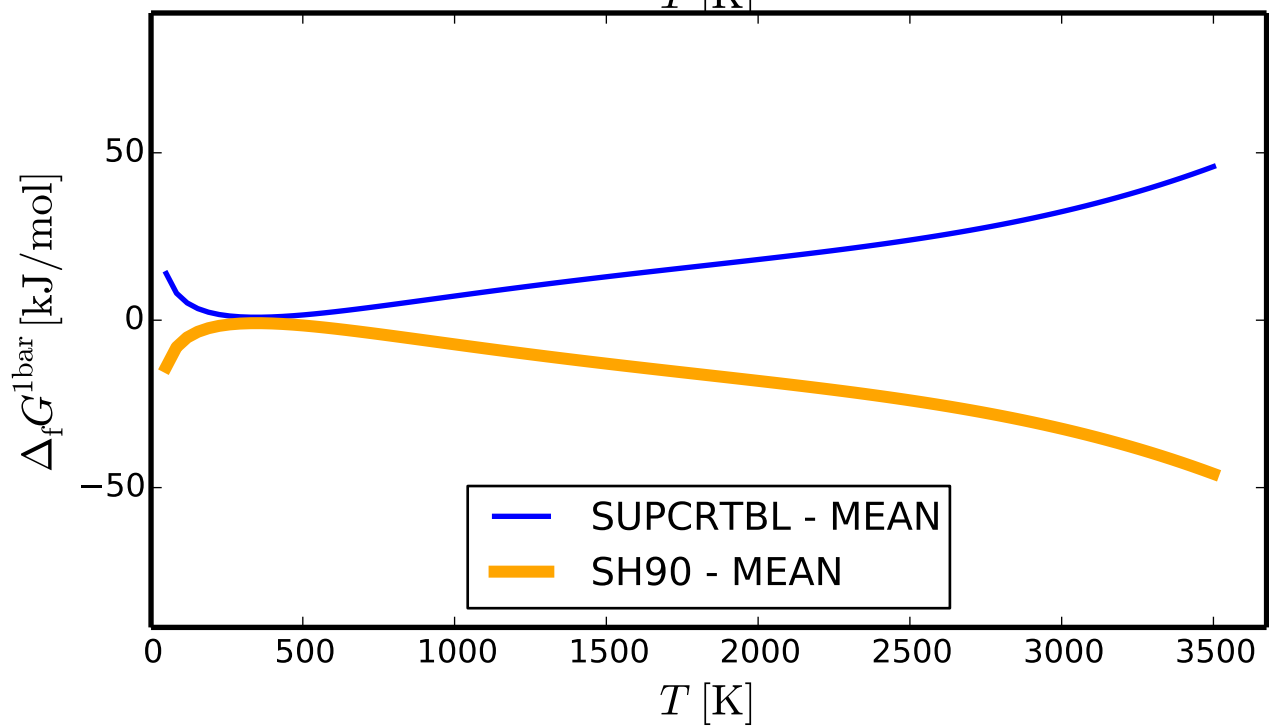
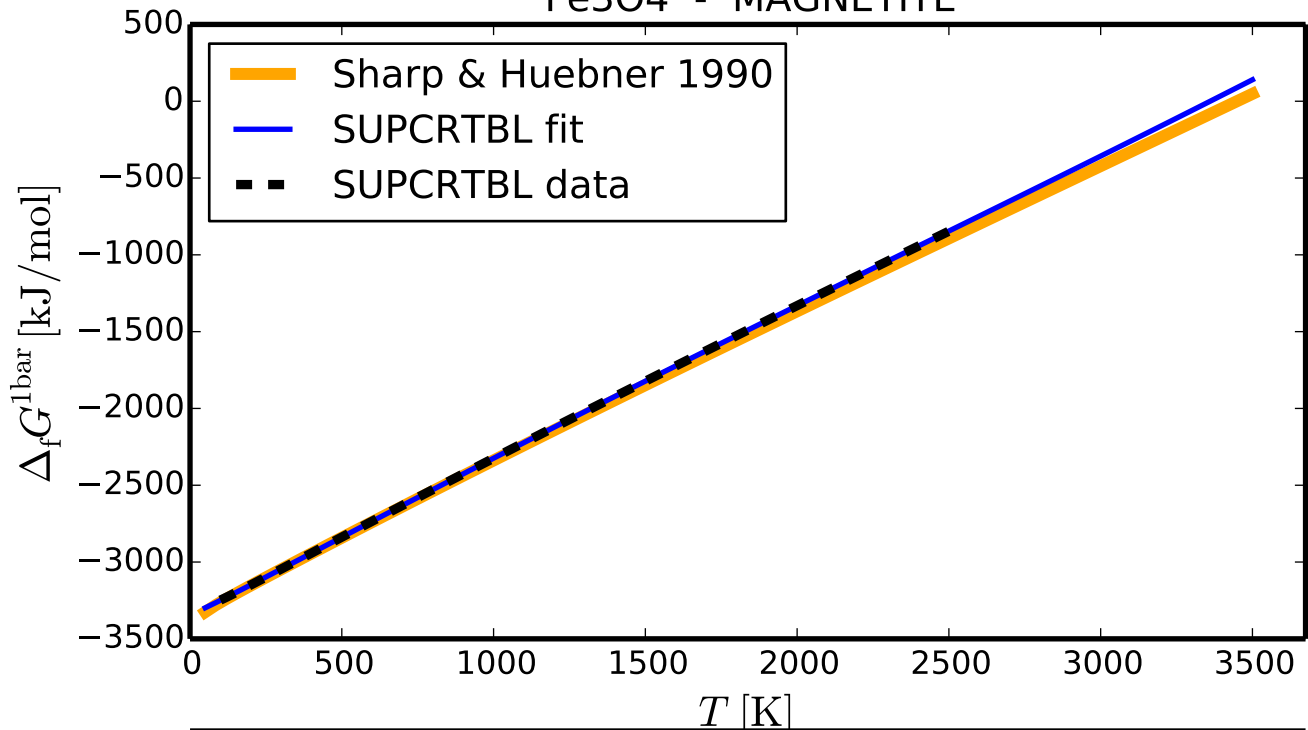


MnCO<sub>3</sub> - RHODOCHROSITE

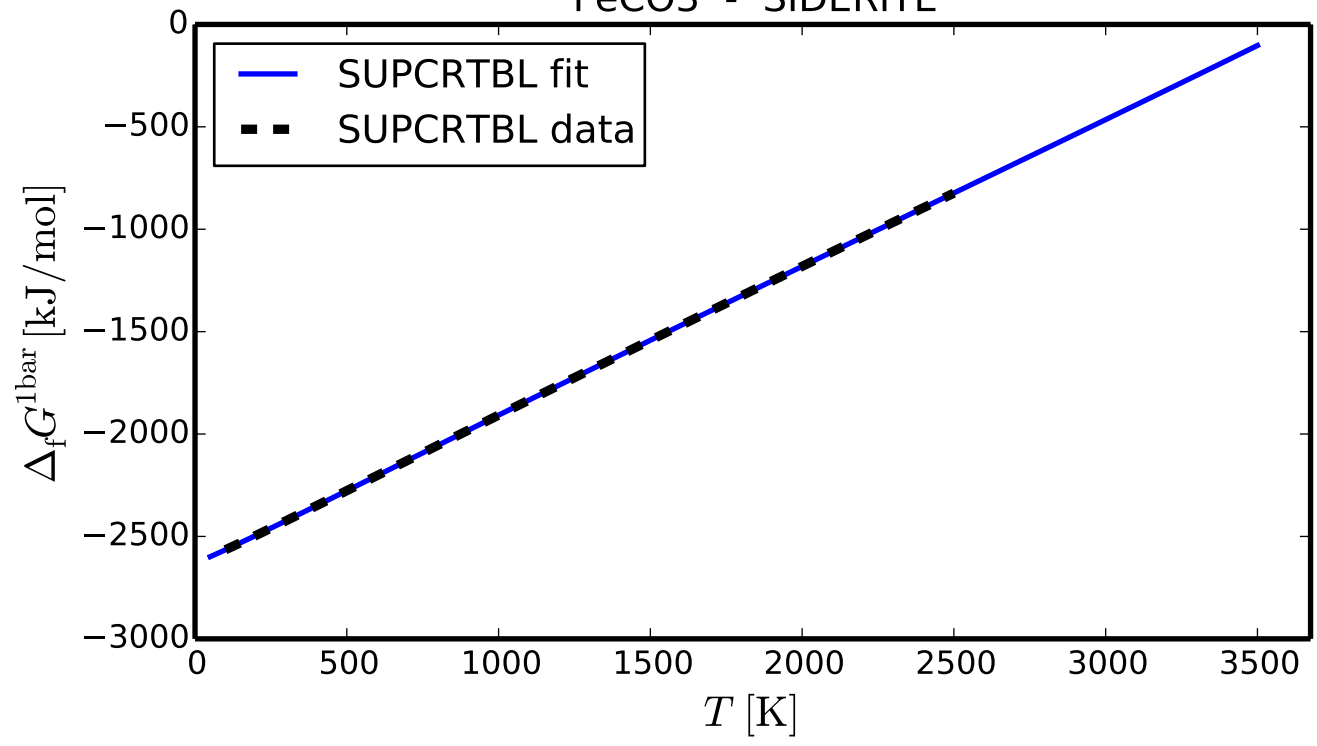
## Fe2O3 - HEMATITE



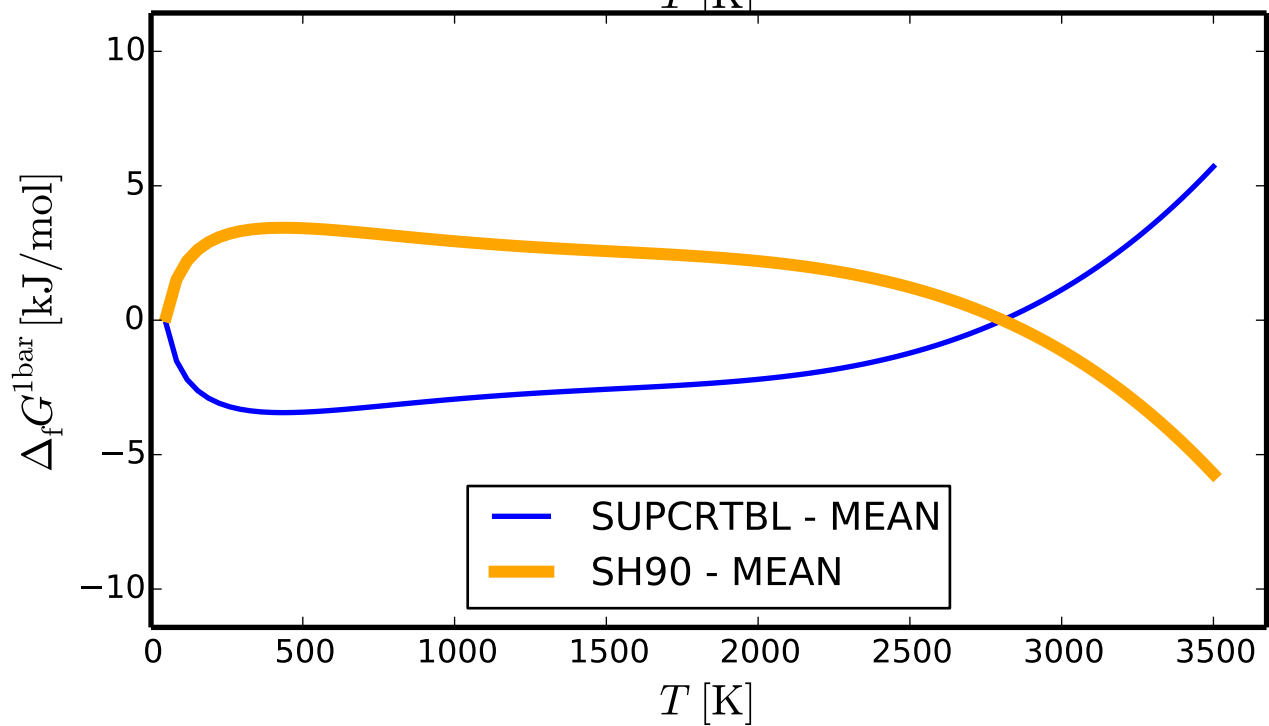
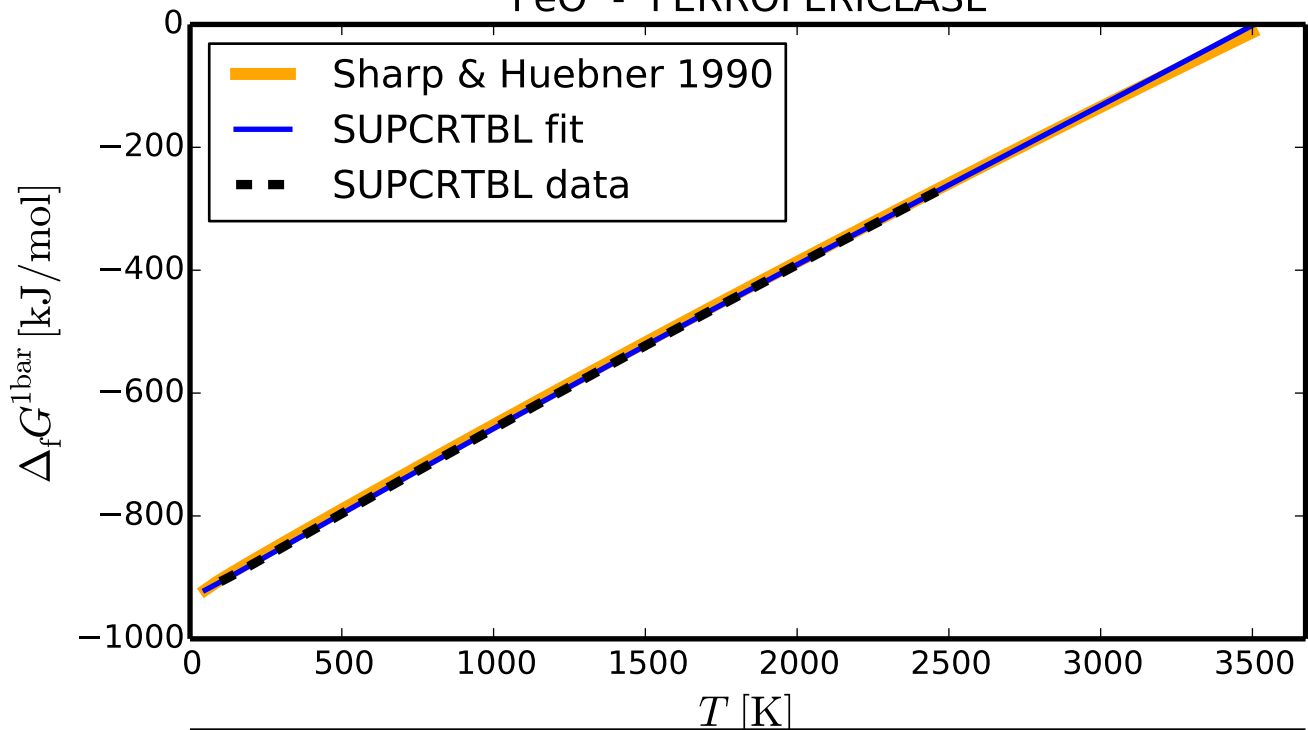
# Fe3O4 - MAGNETITE



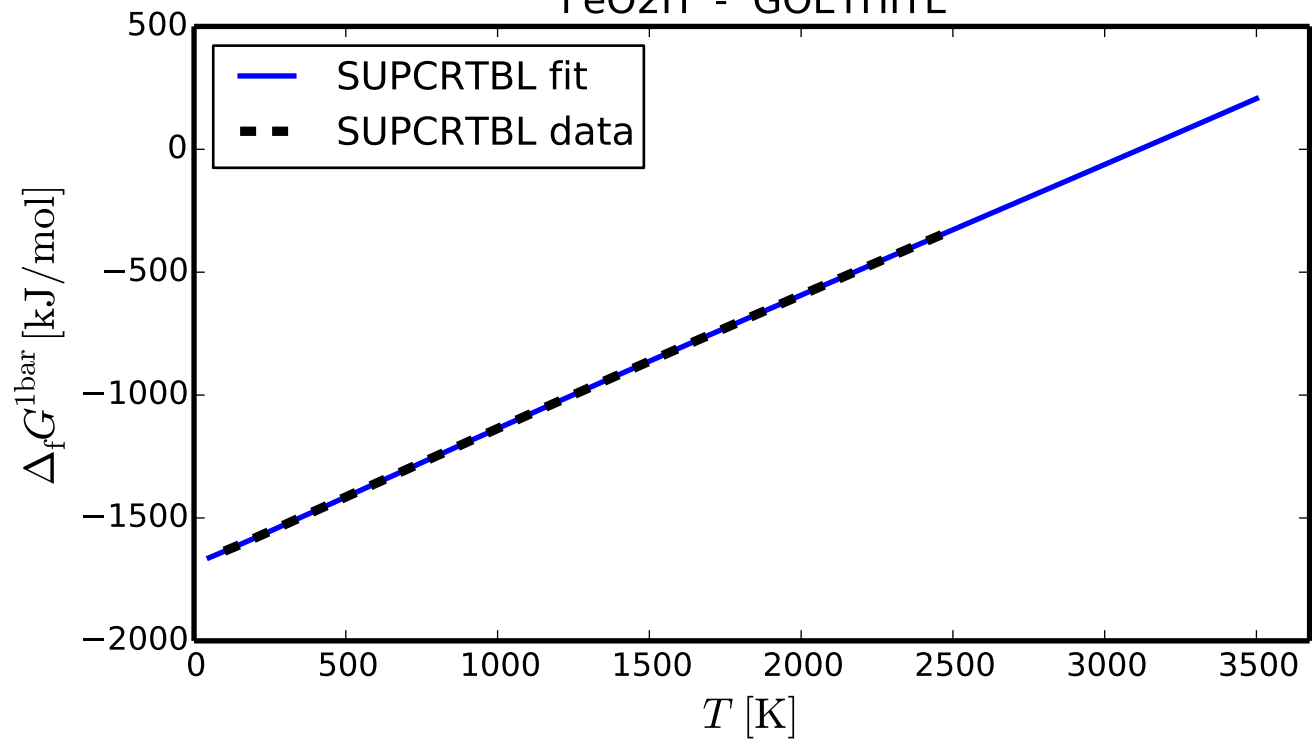
# FeCO3 - SIDERITE



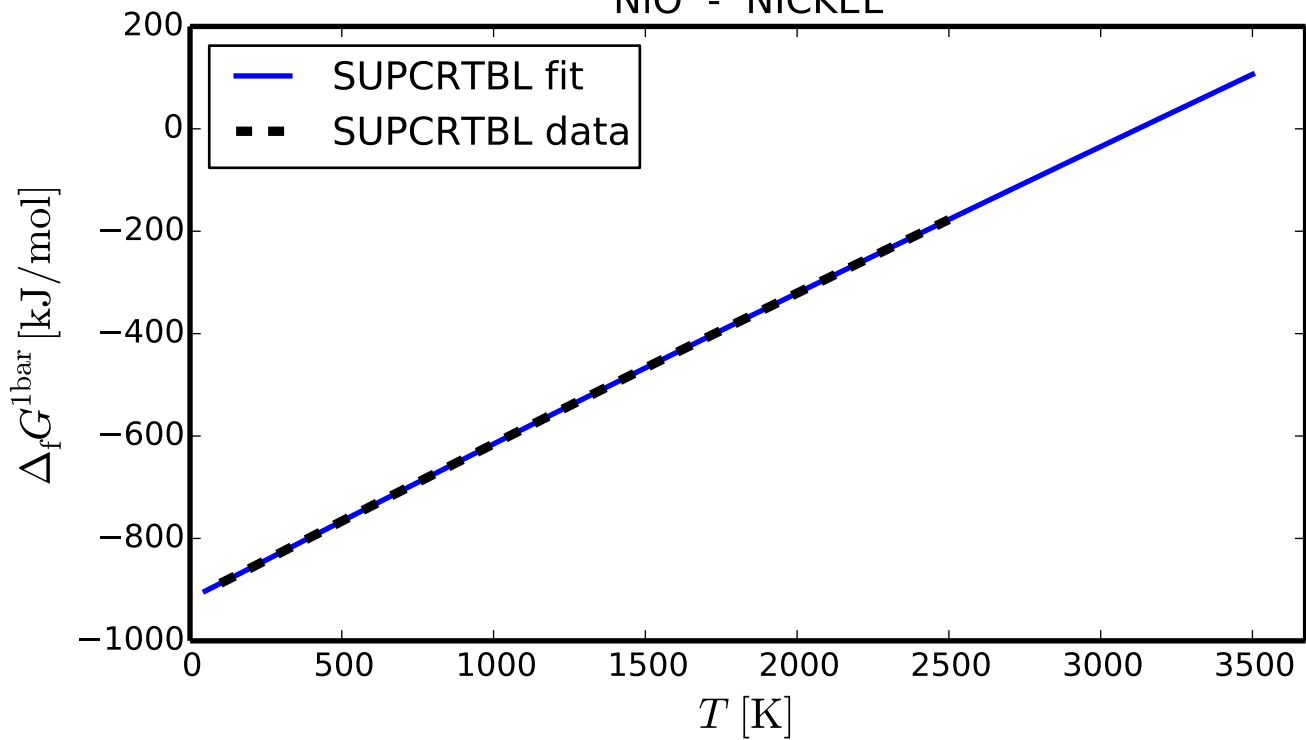
# FeO - FERROPERICLASE



## FeO2H - GOETHITE

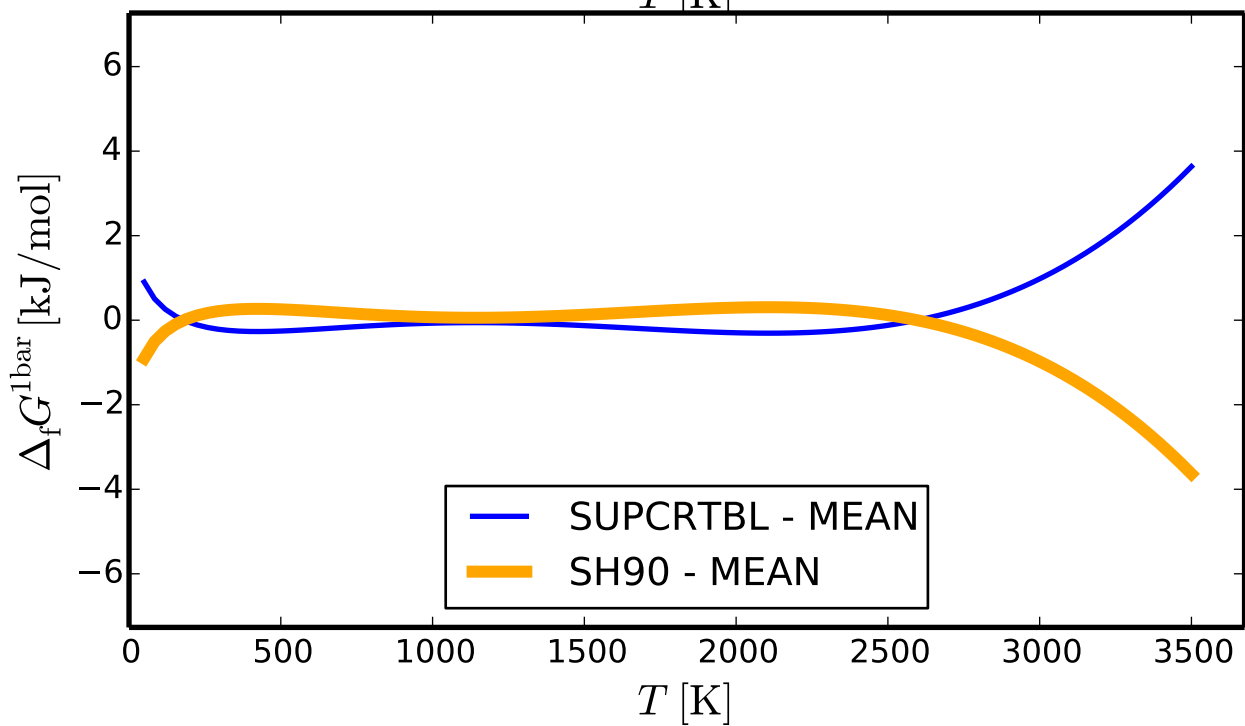
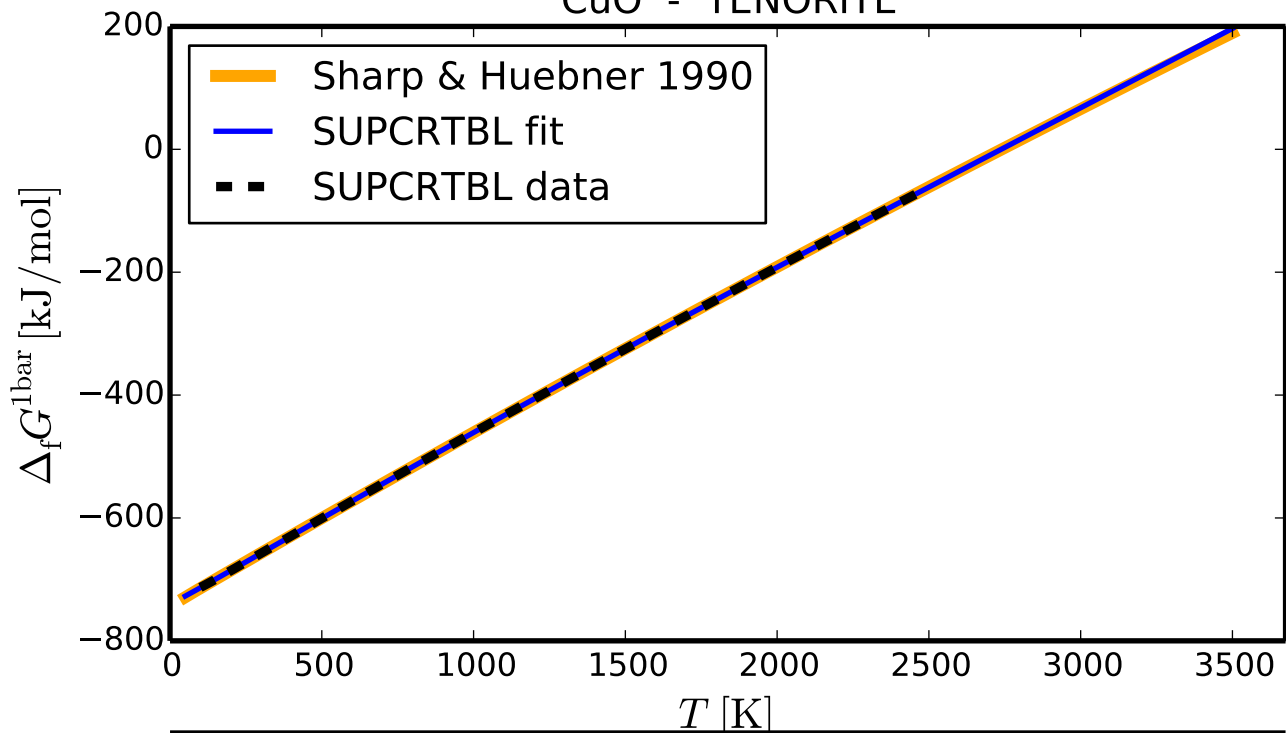


## NiO - NICKEL

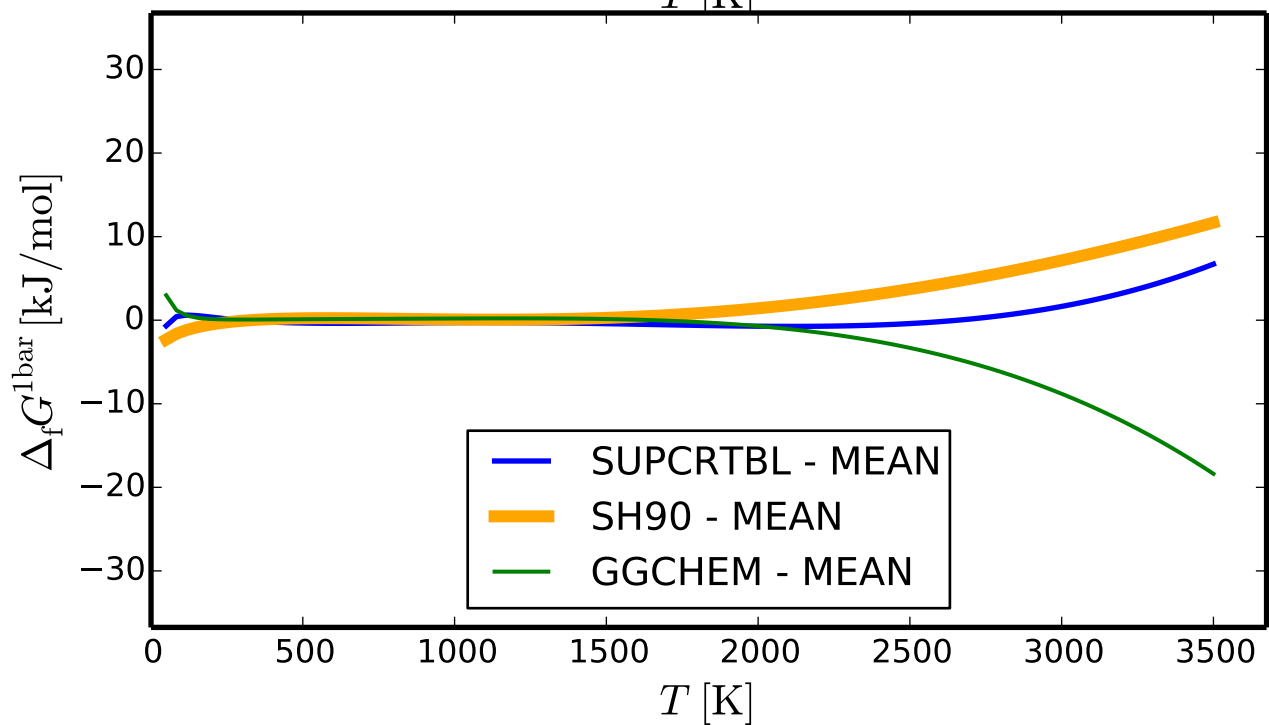
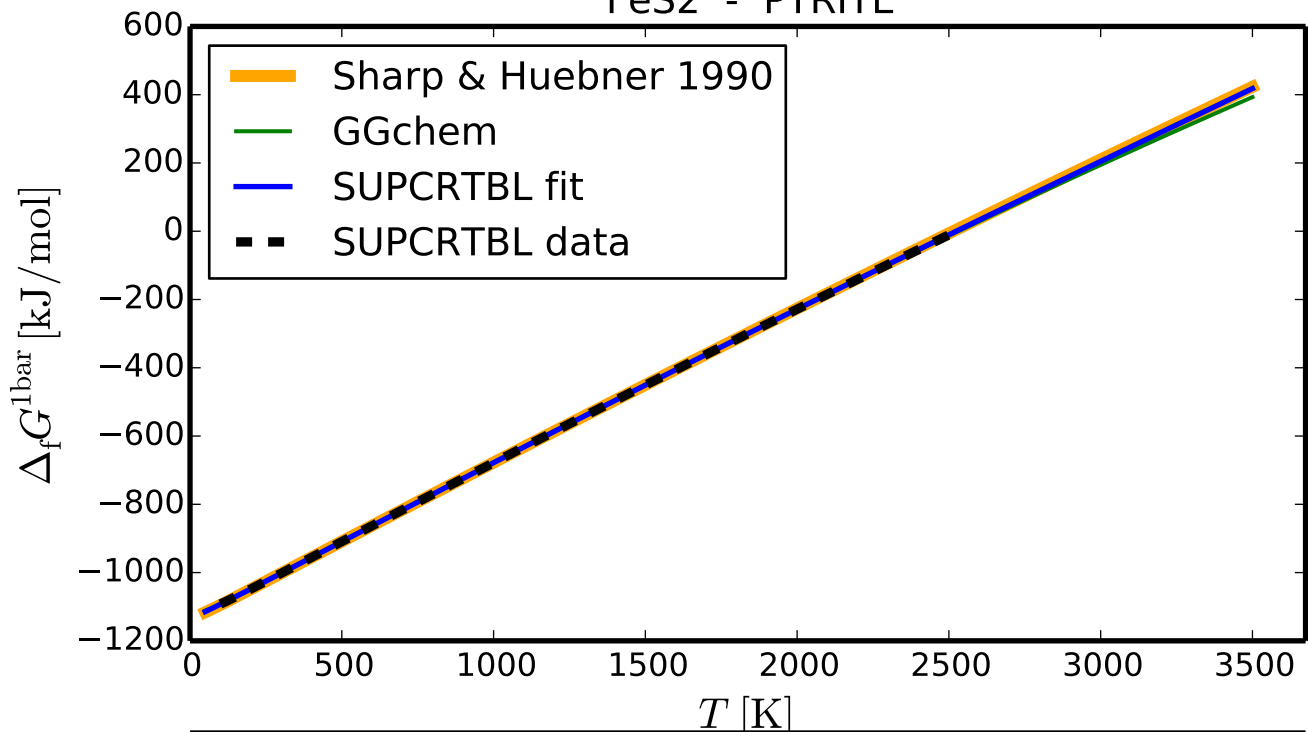




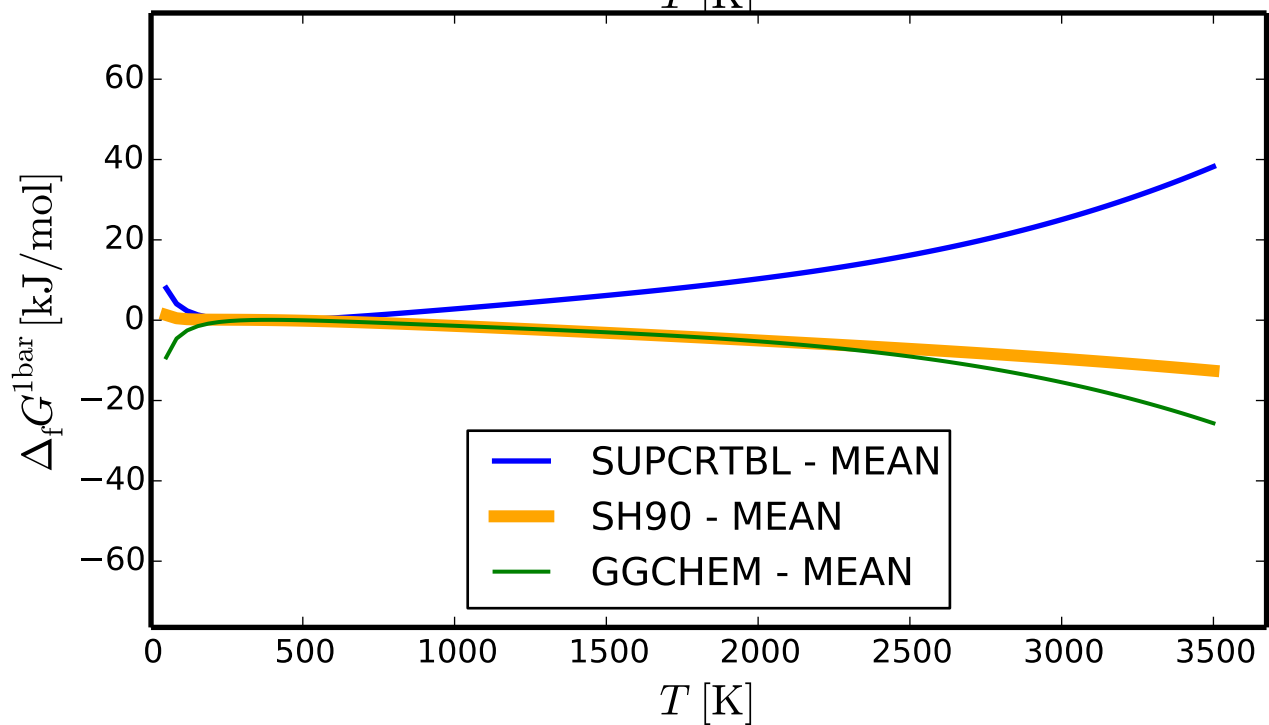
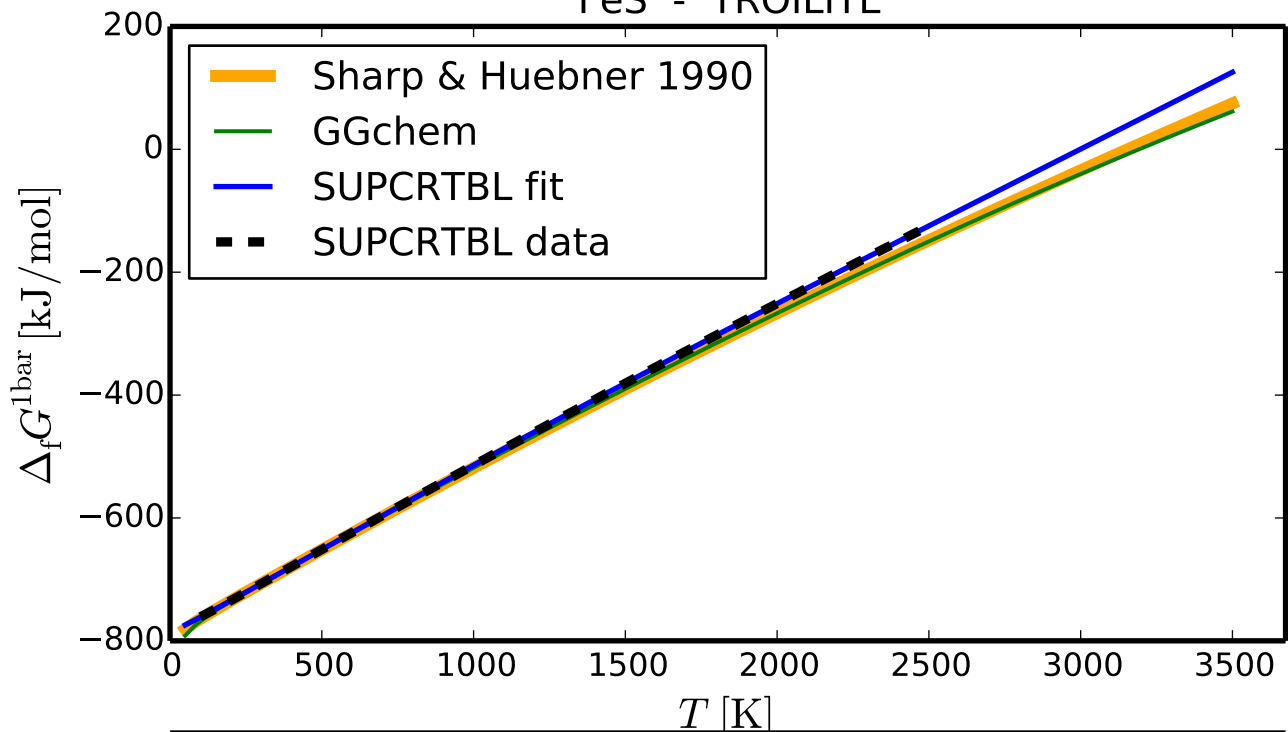
# CuO - TENORITE



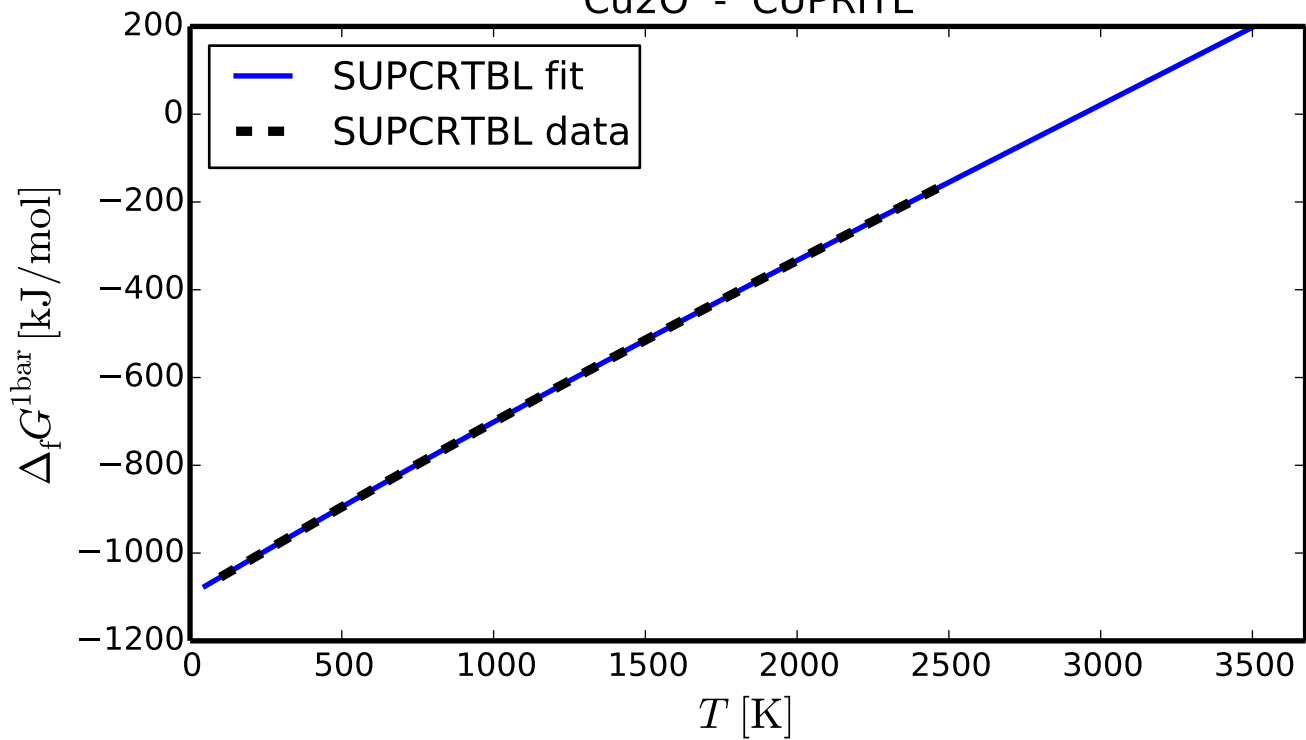
# FeS2 - PYRITE



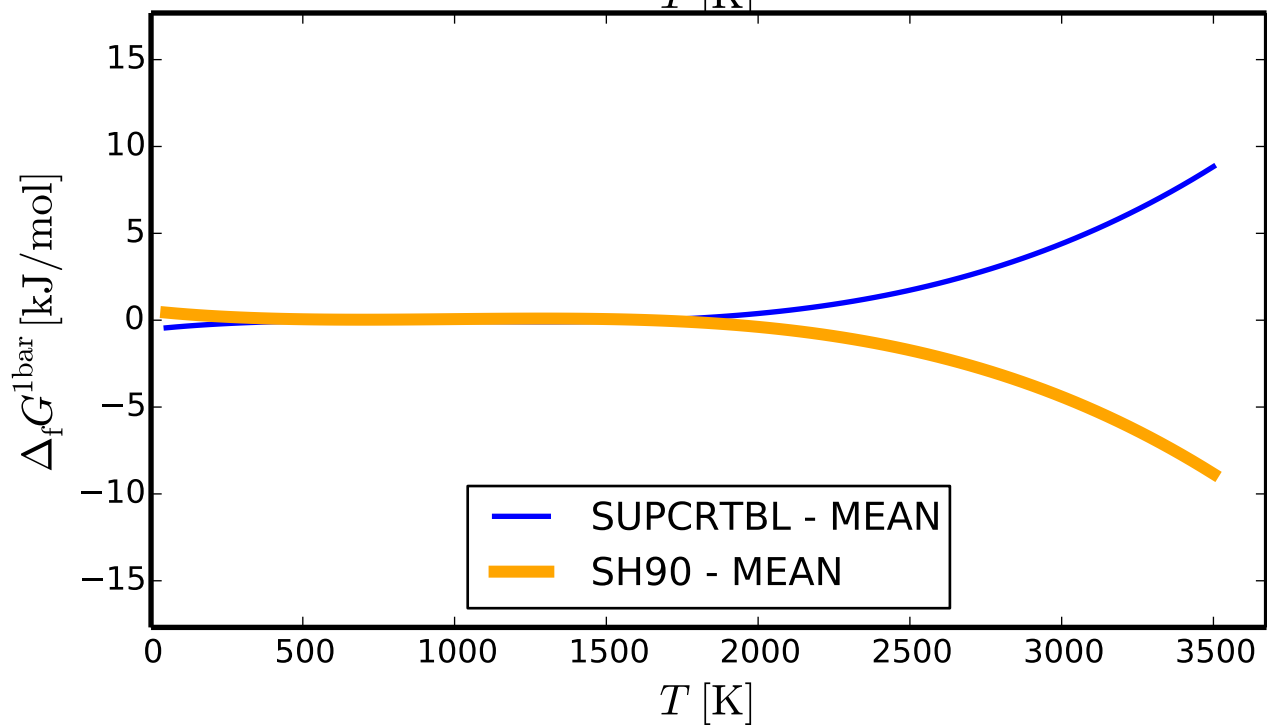
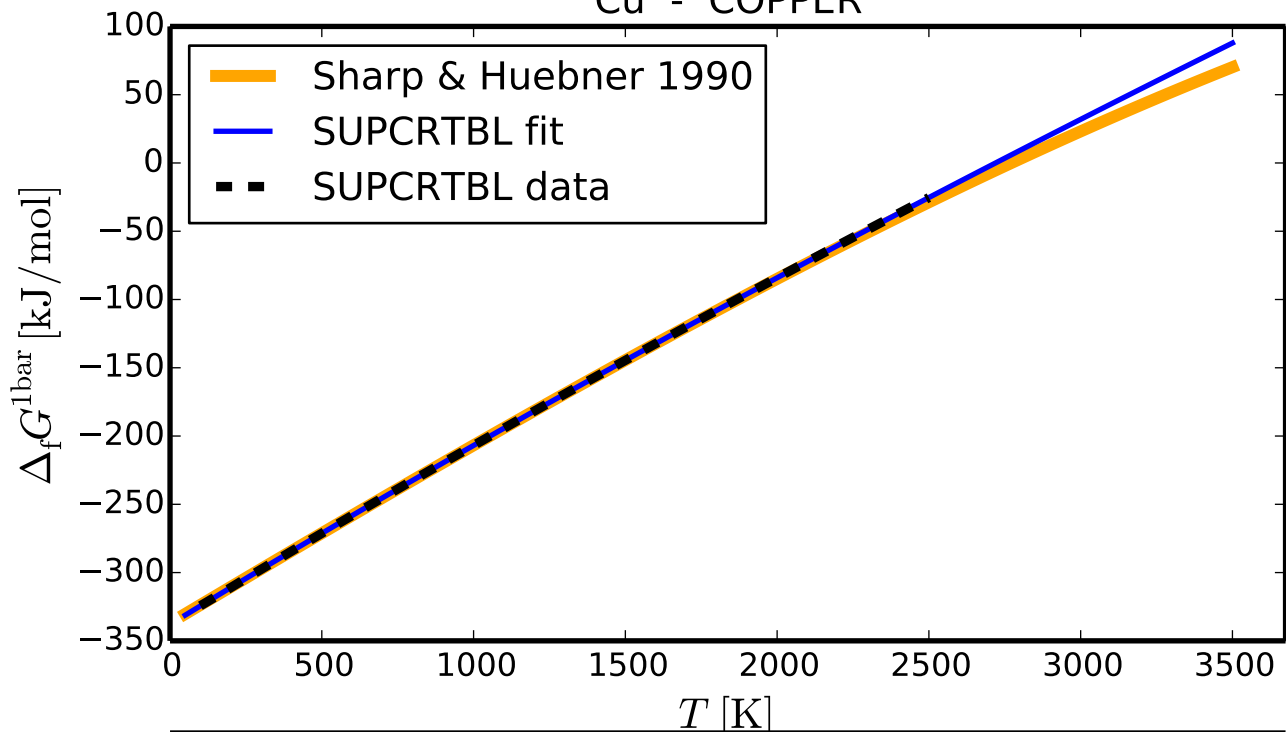
# FeS - TROILITE



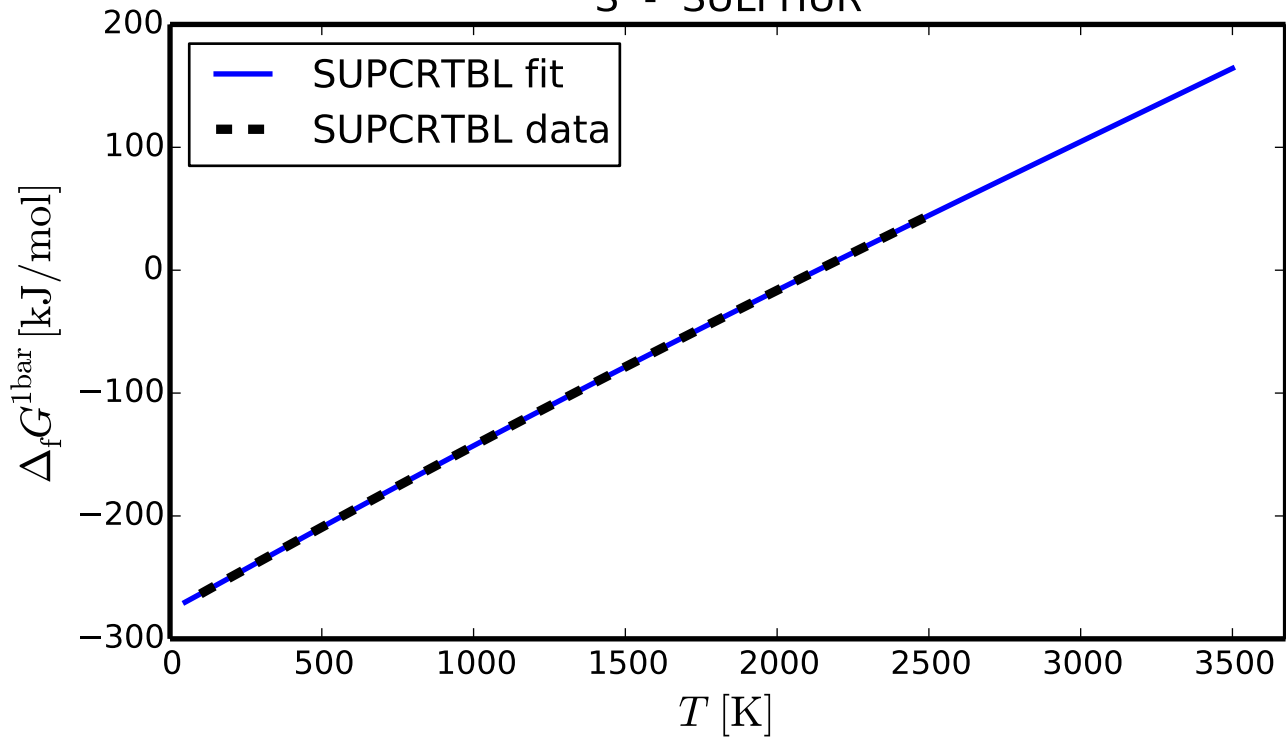
## Cu2O - CUPRITE



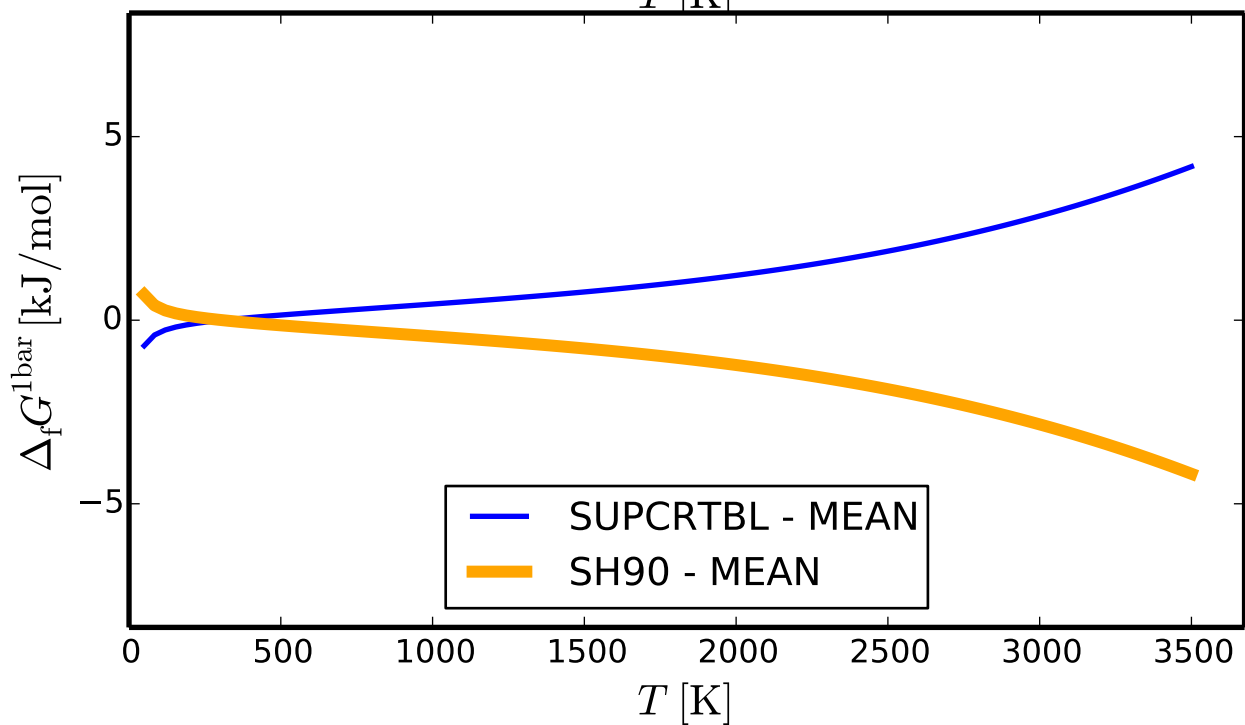
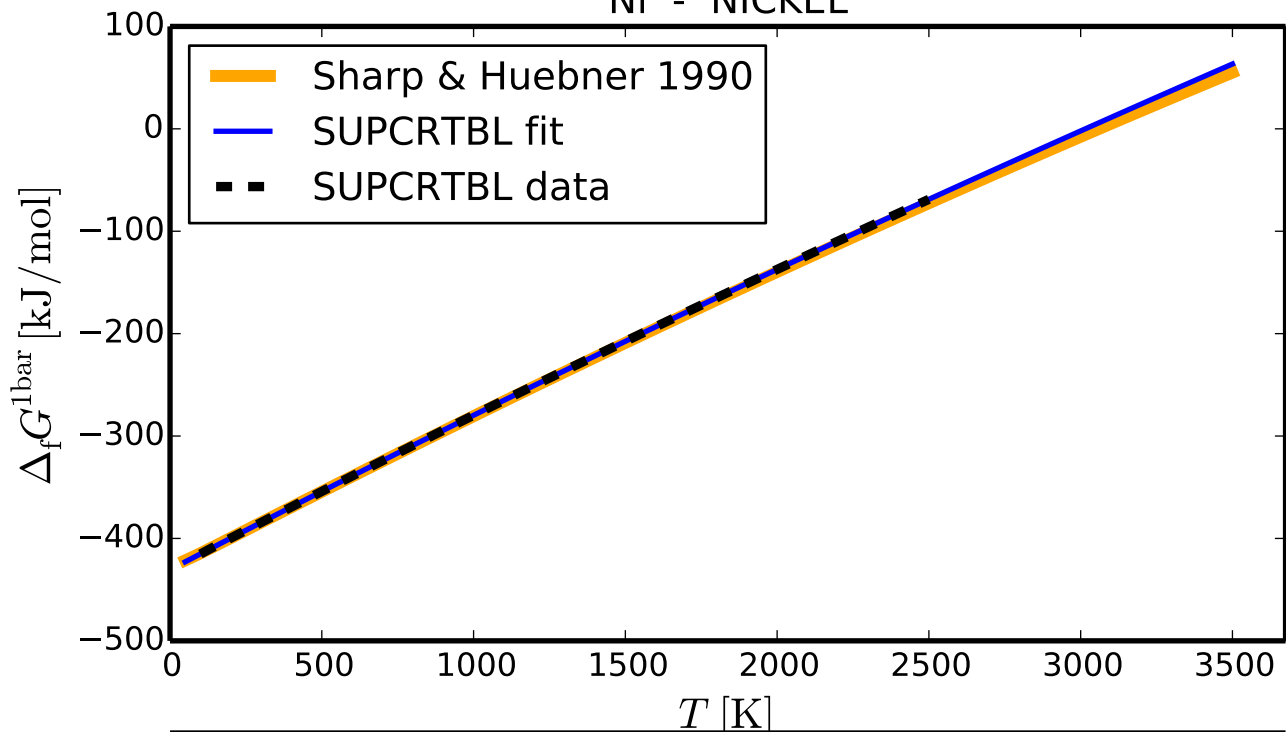
## Cu - COPPER



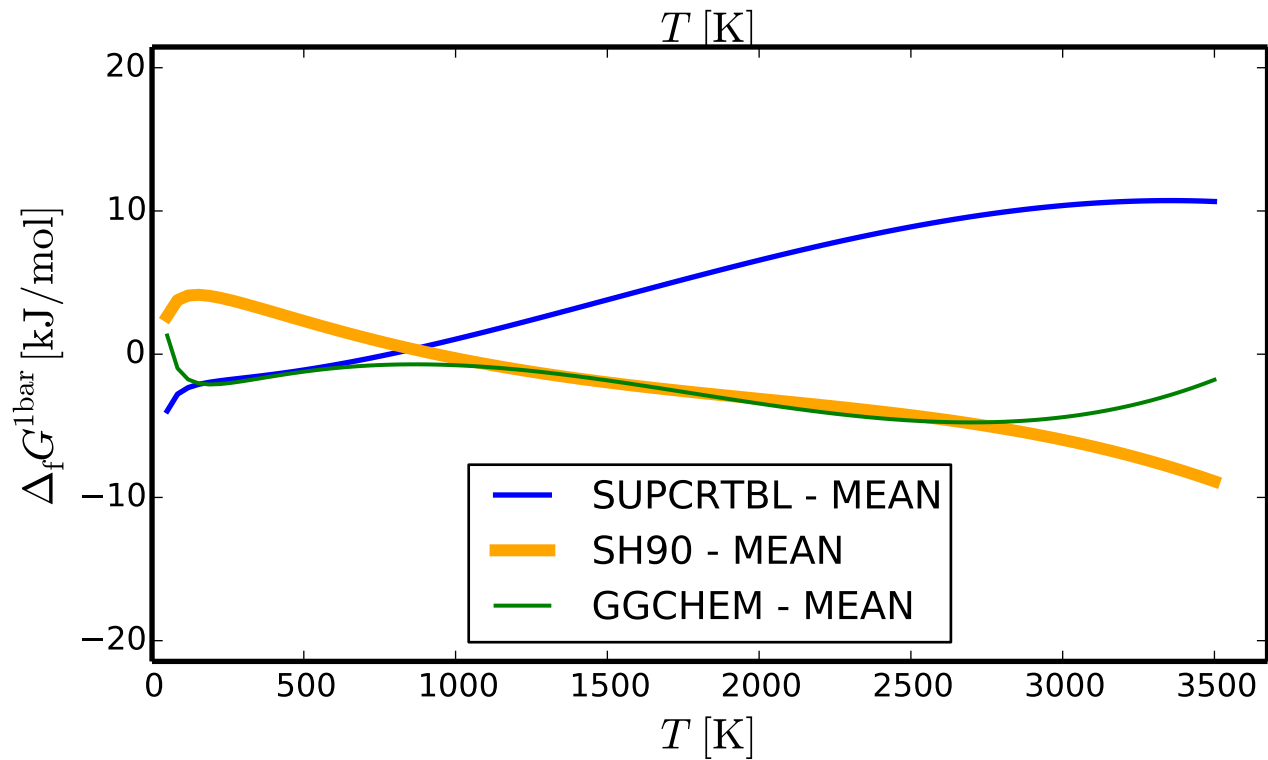
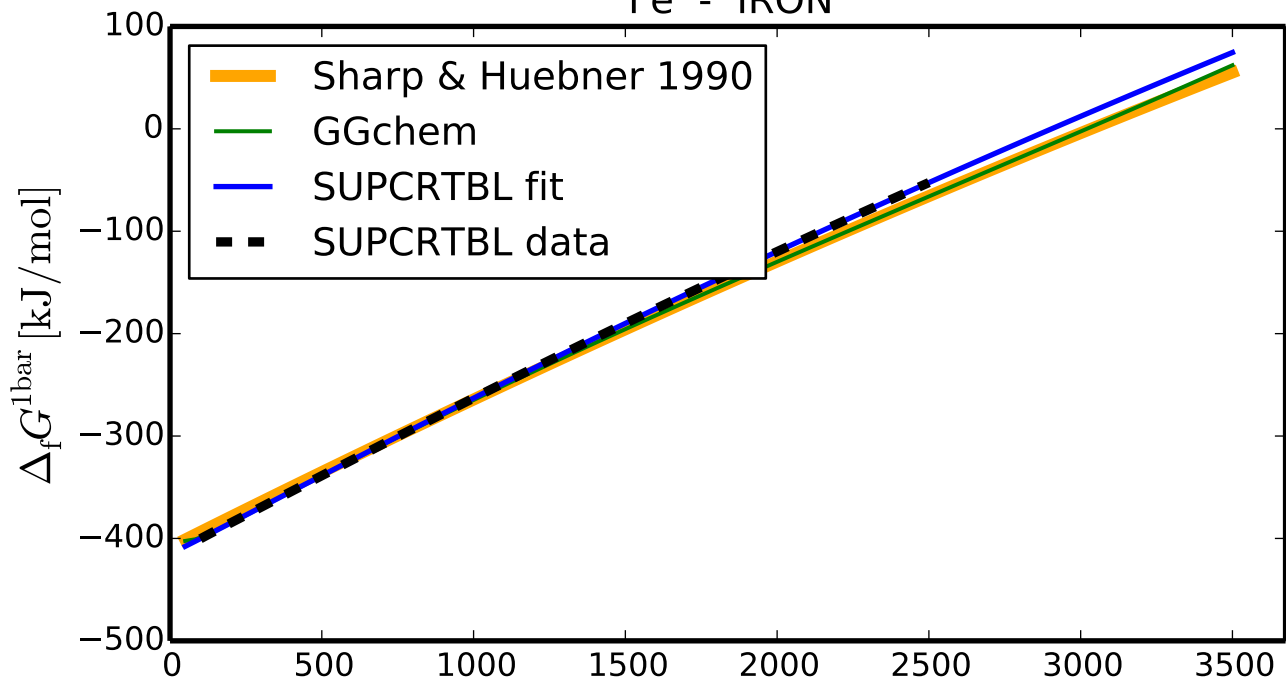
## S - SULPHUR



# Ni - NICKEL



## Fe - IRON





## C - GRAPHITE

