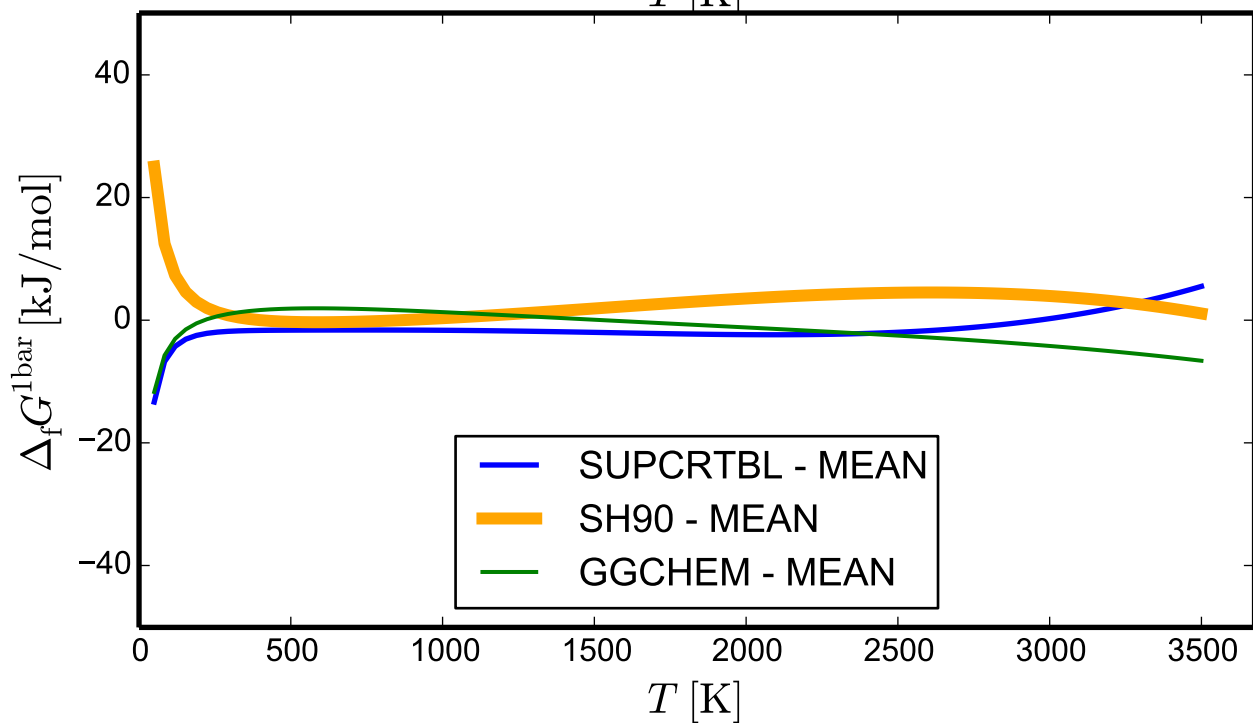
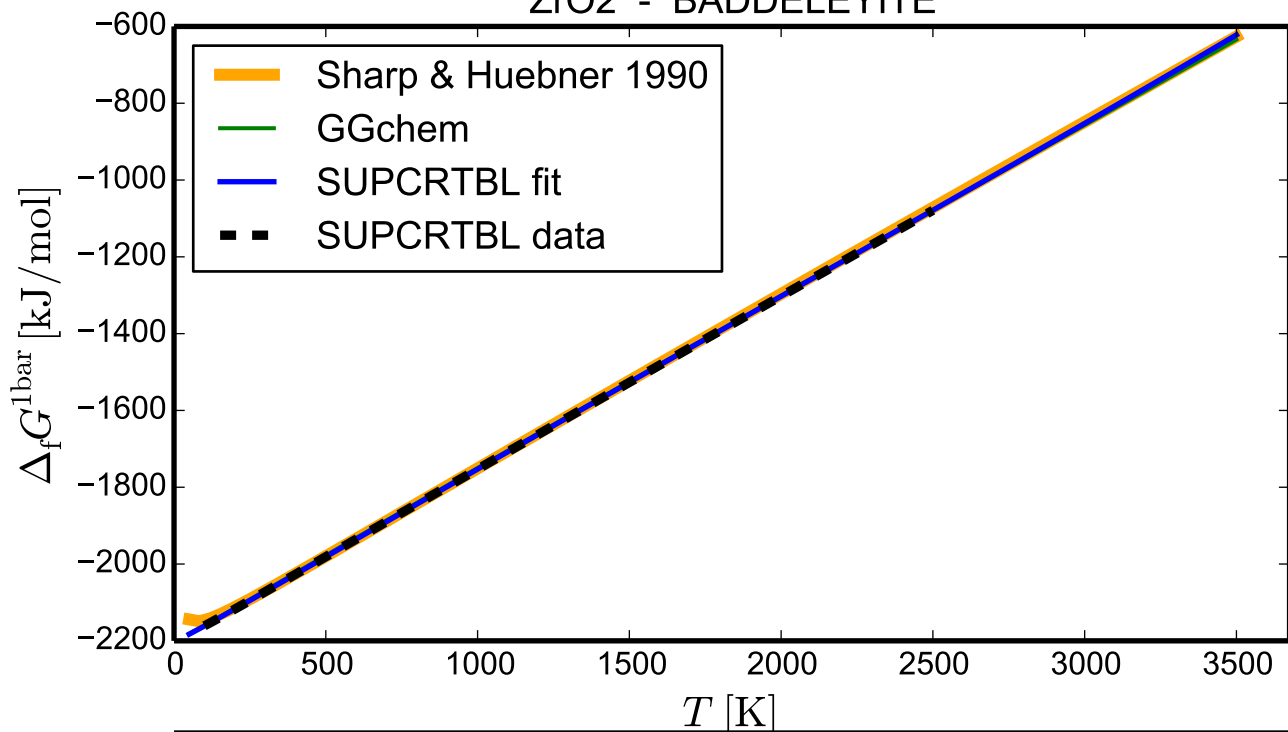
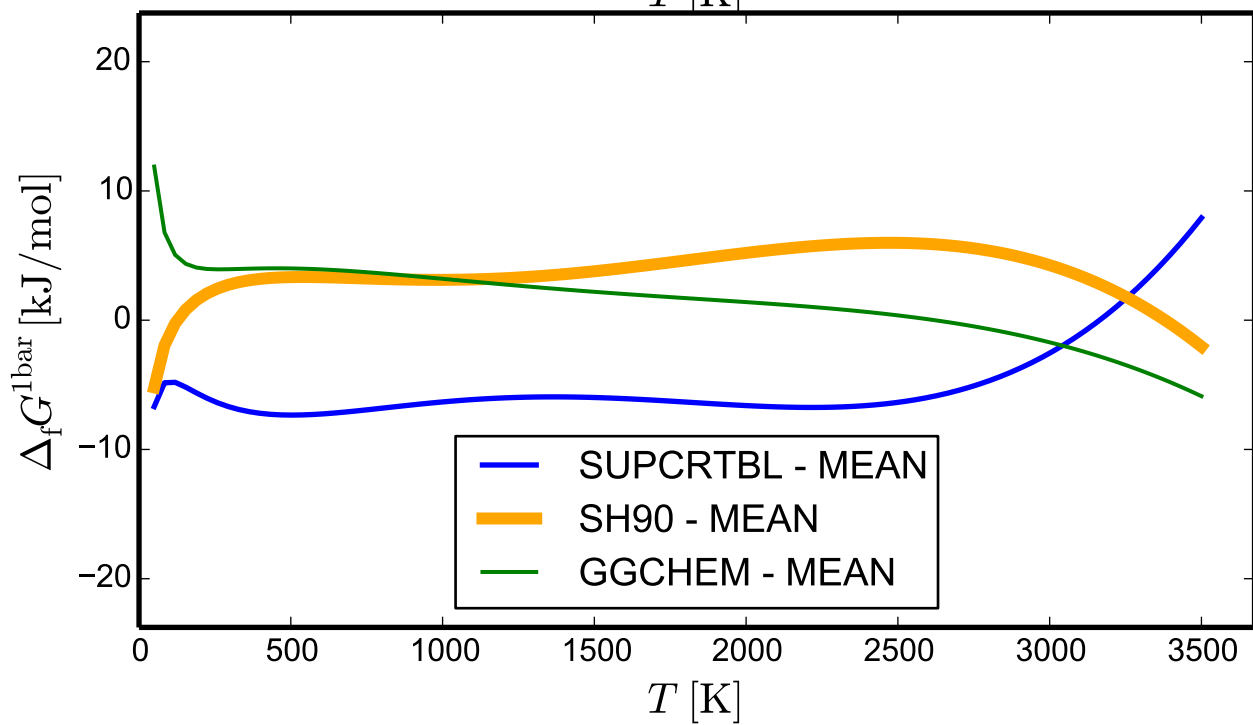
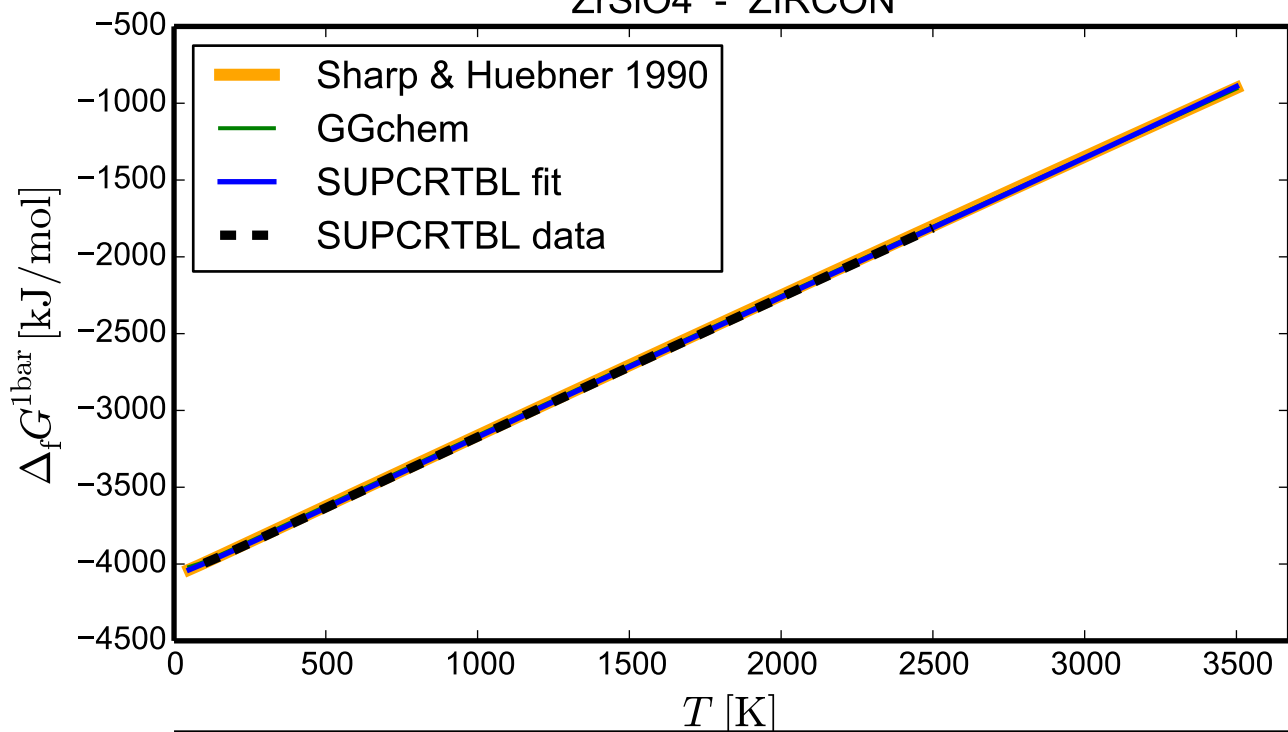


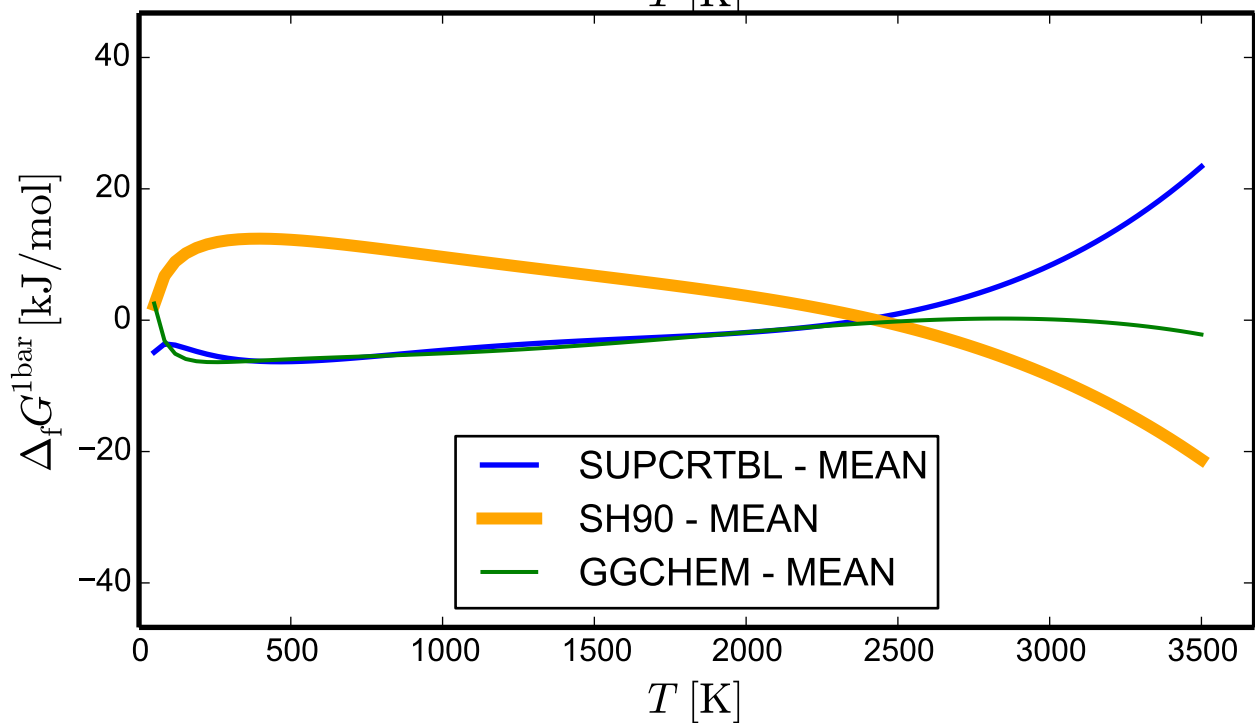
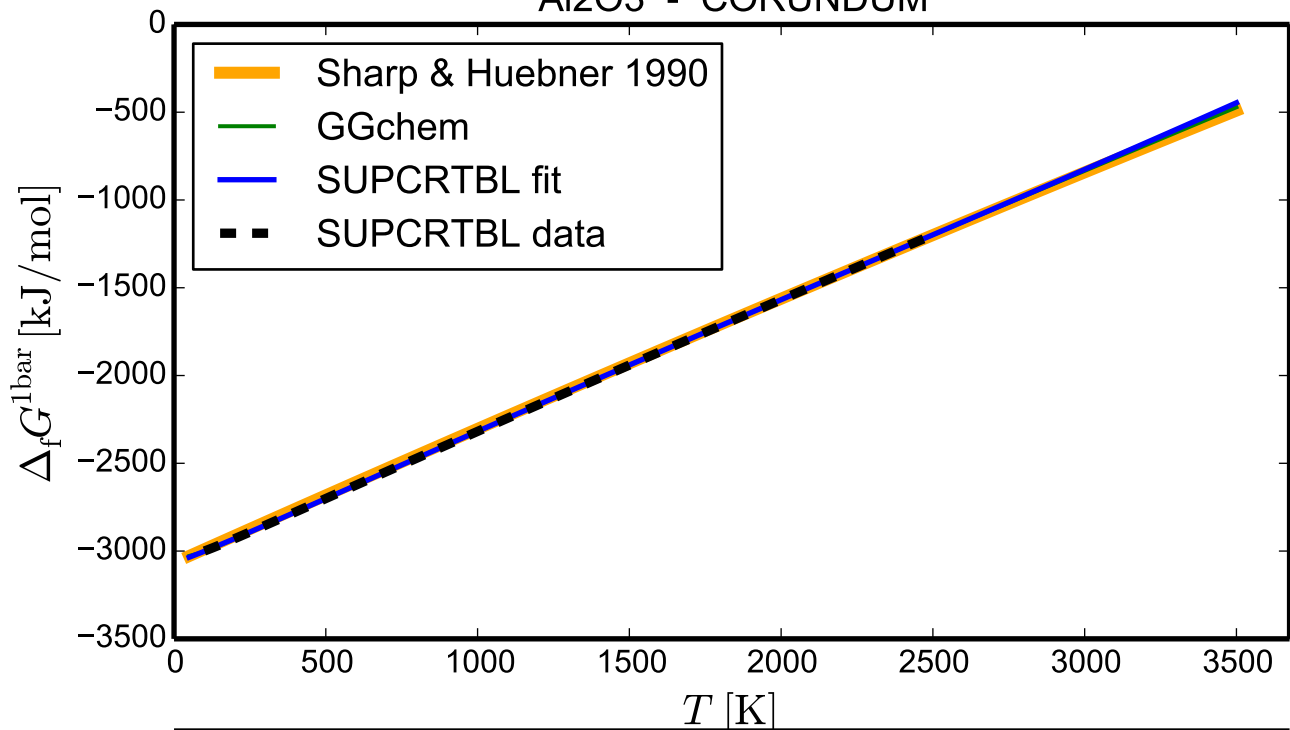
ZrO2 - BADDELEYITE



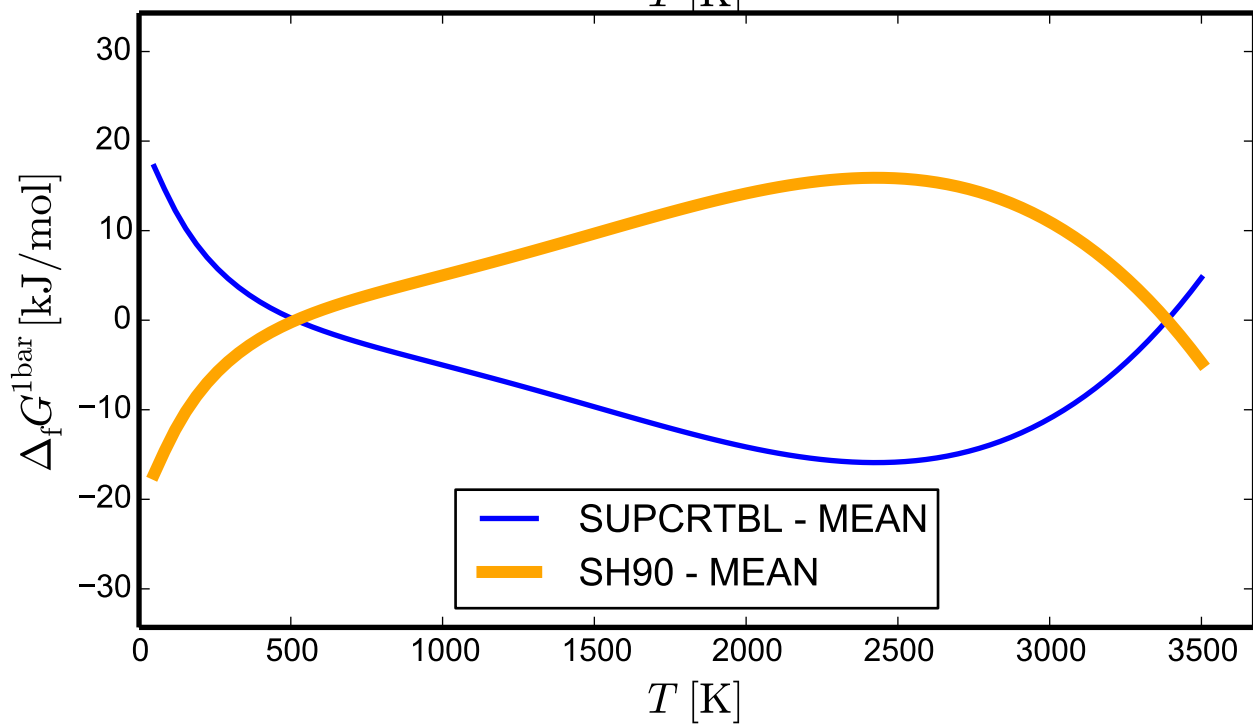
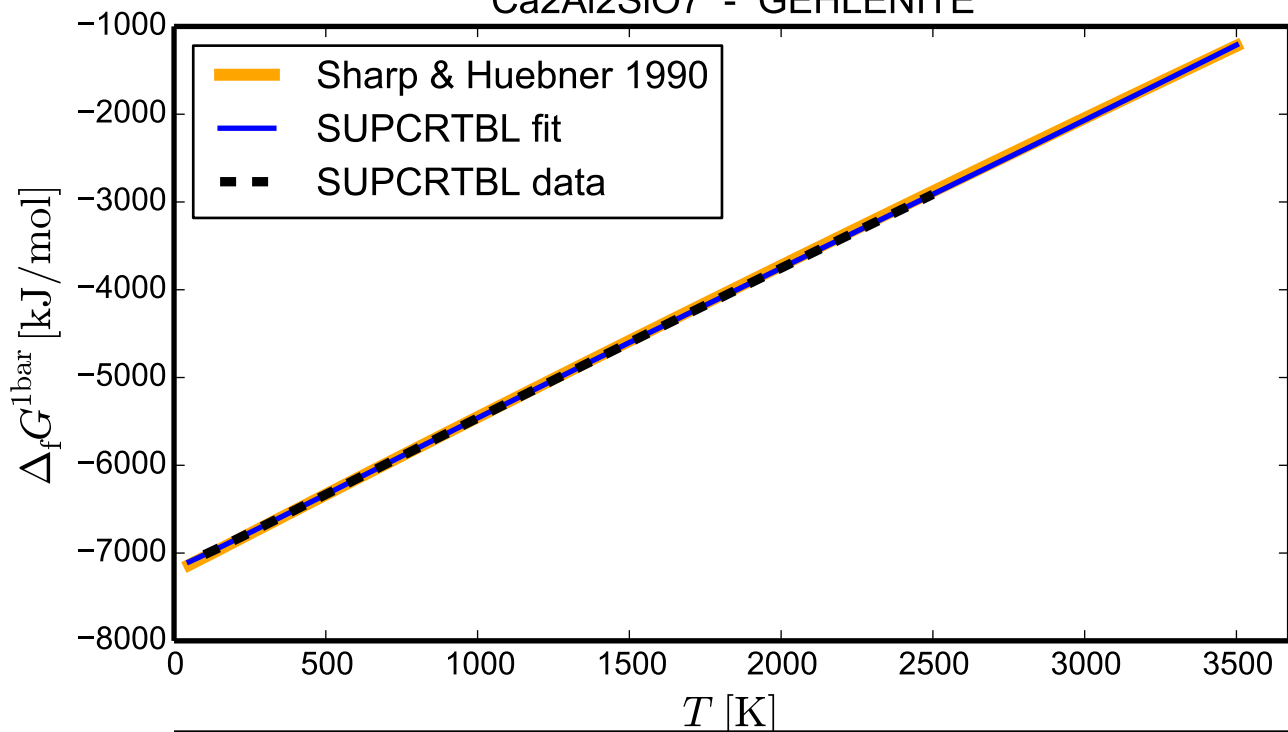
ZrSiO4 - ZIRCON



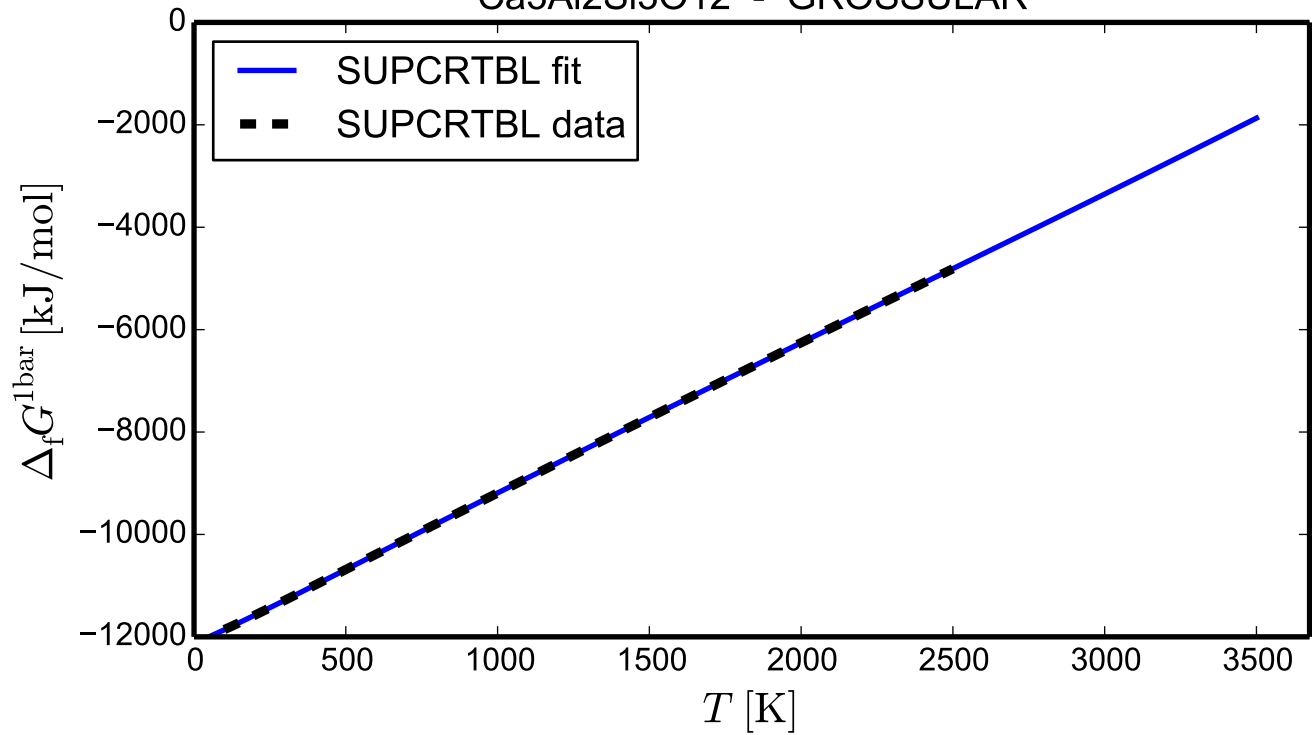
Al2O3 - CORUNDUM



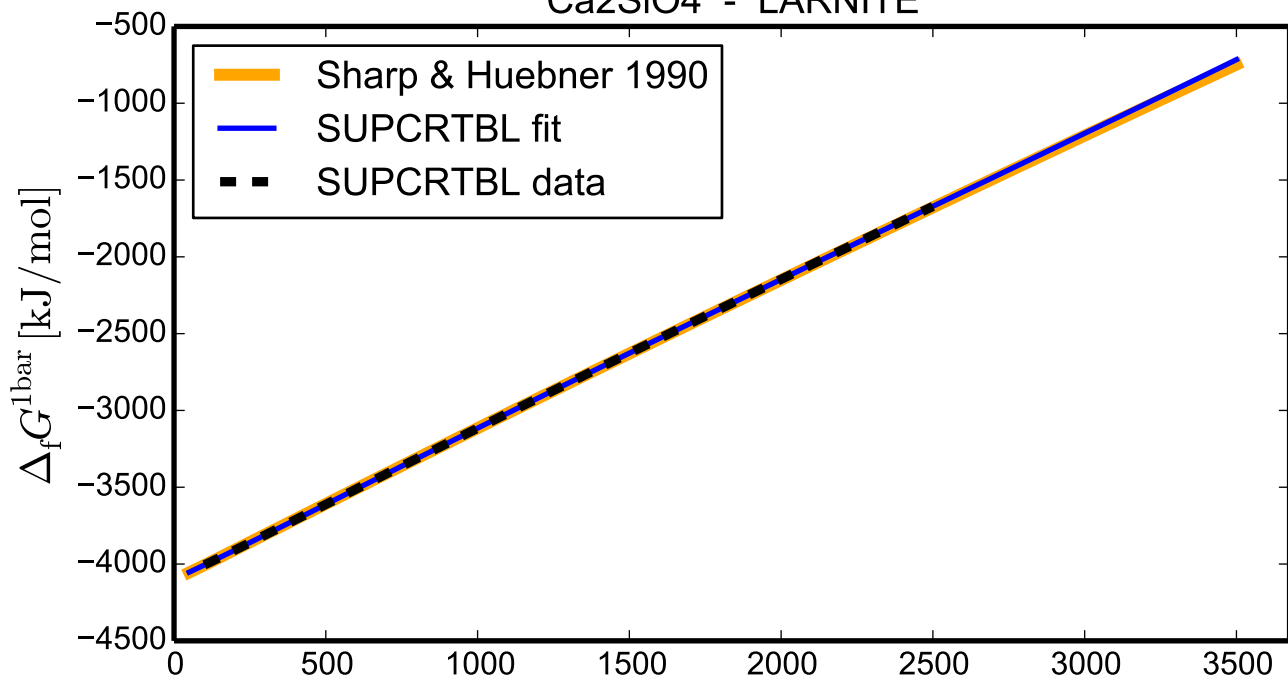
Ca₂Al₂SiO₇ - GEHLENITE



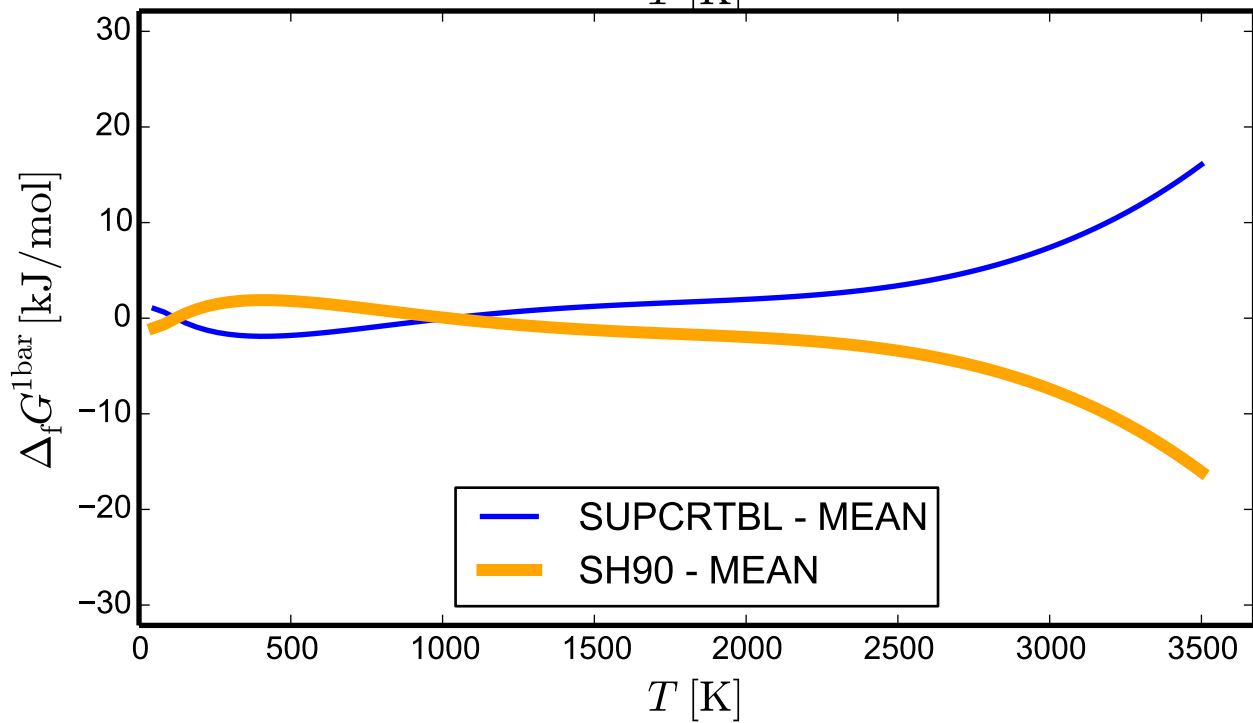
Ca3Al2Si3O12 - GROSSULAR



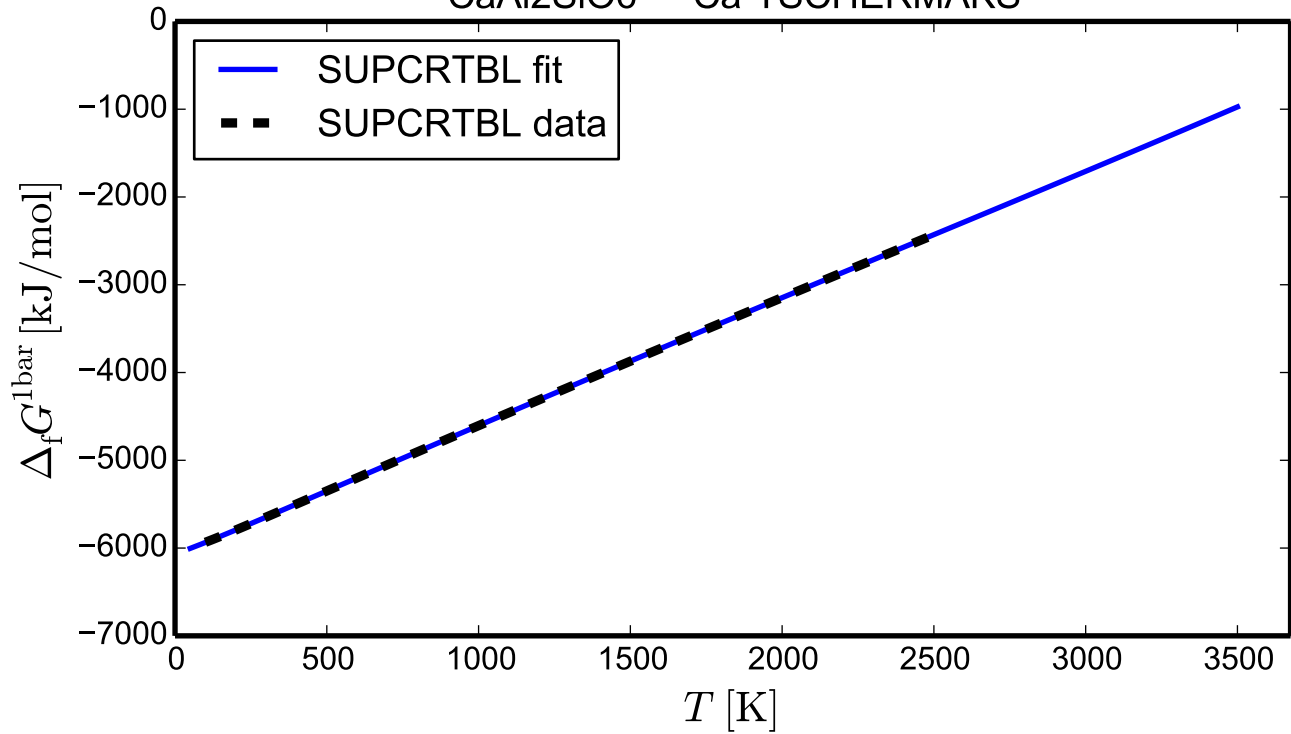
Ca₂SiO₄ - LARNITE



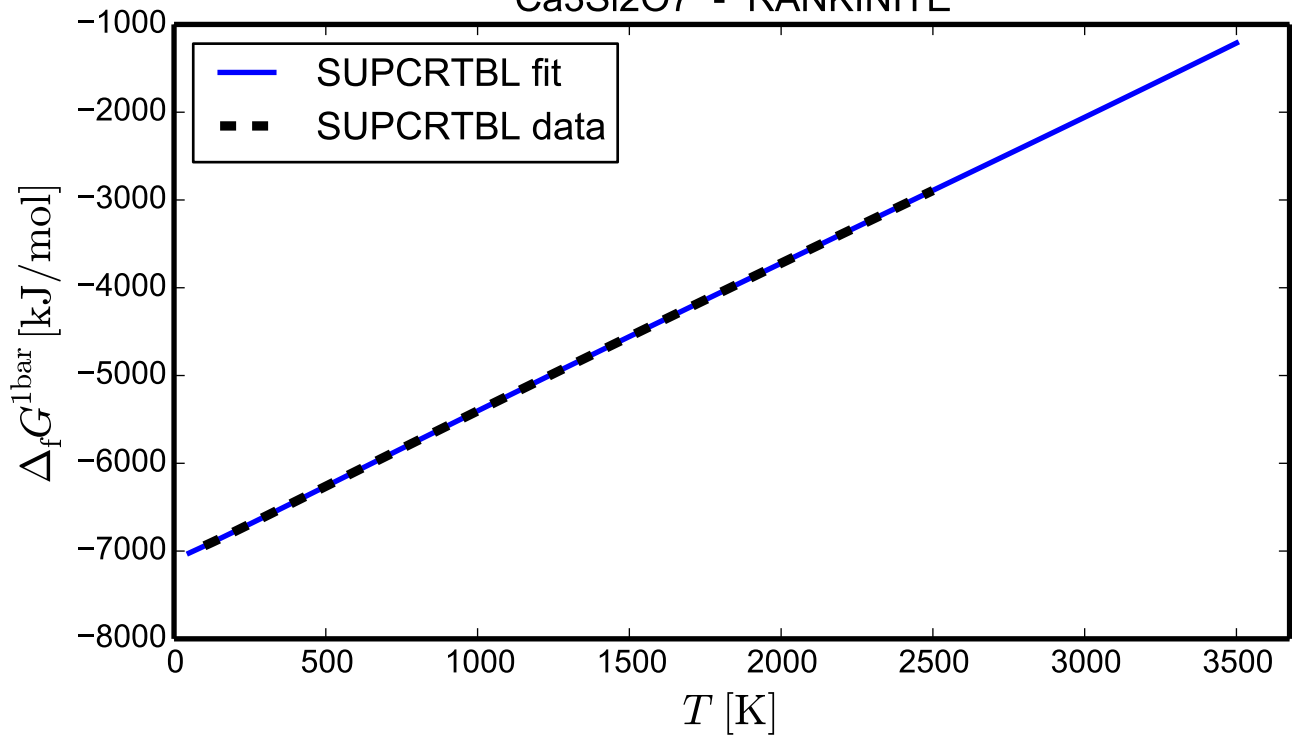
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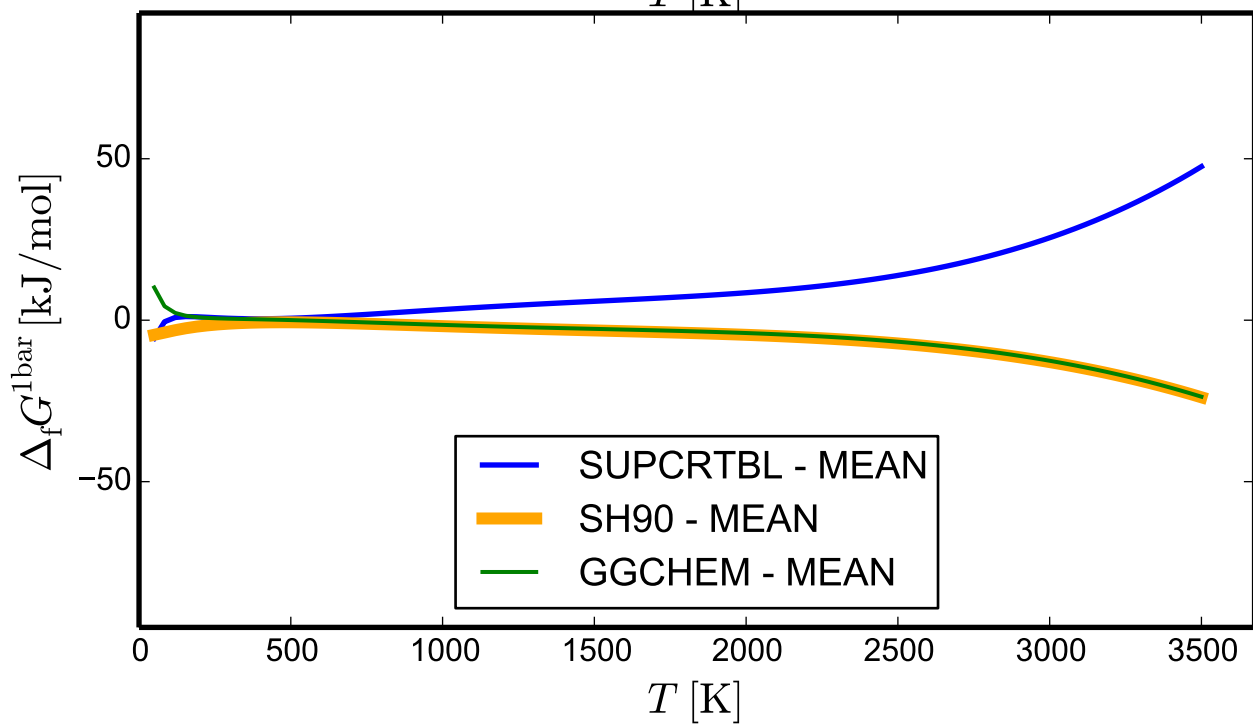
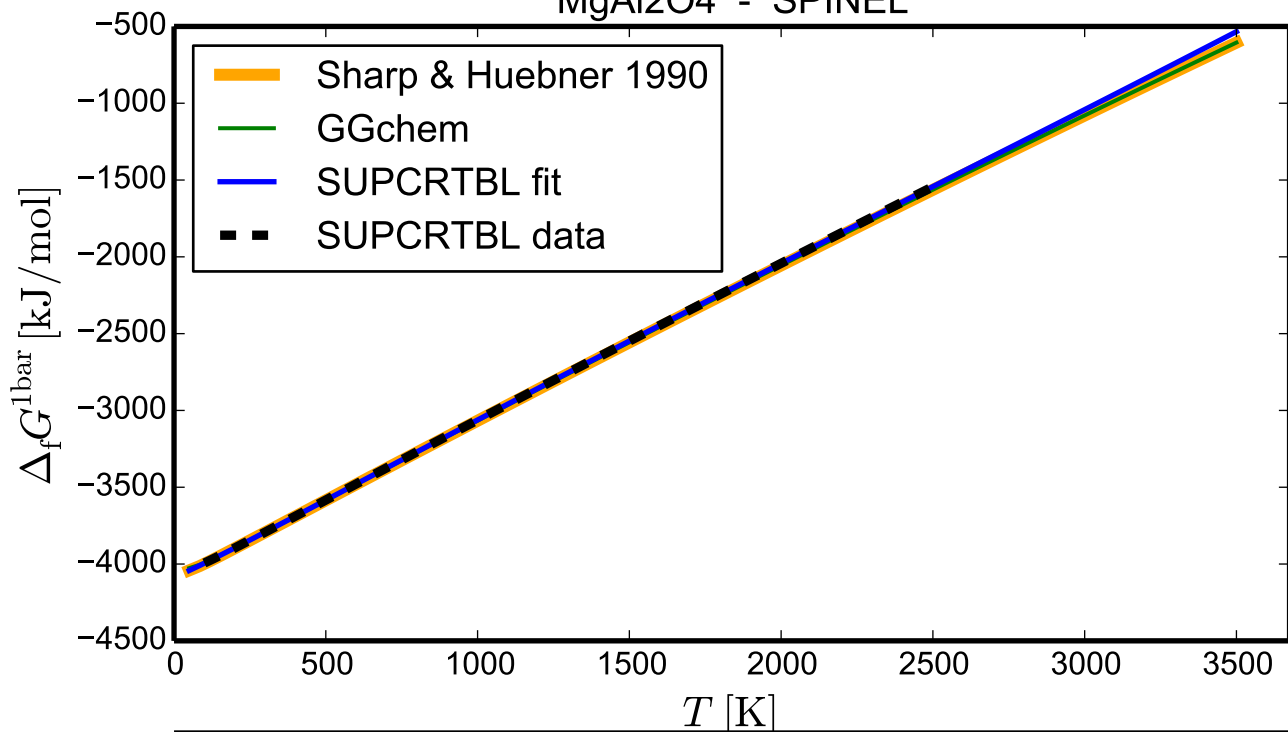
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CaAl₂SiO₆ - Ca-TSCHERMAKS

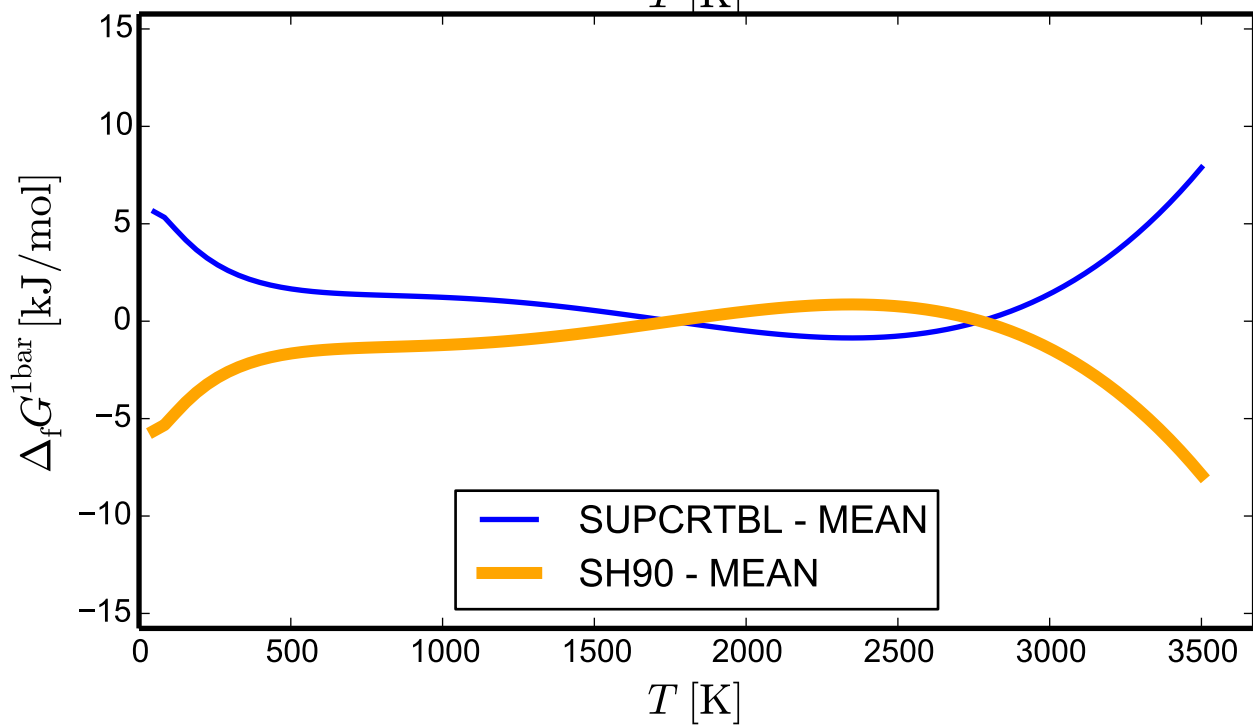
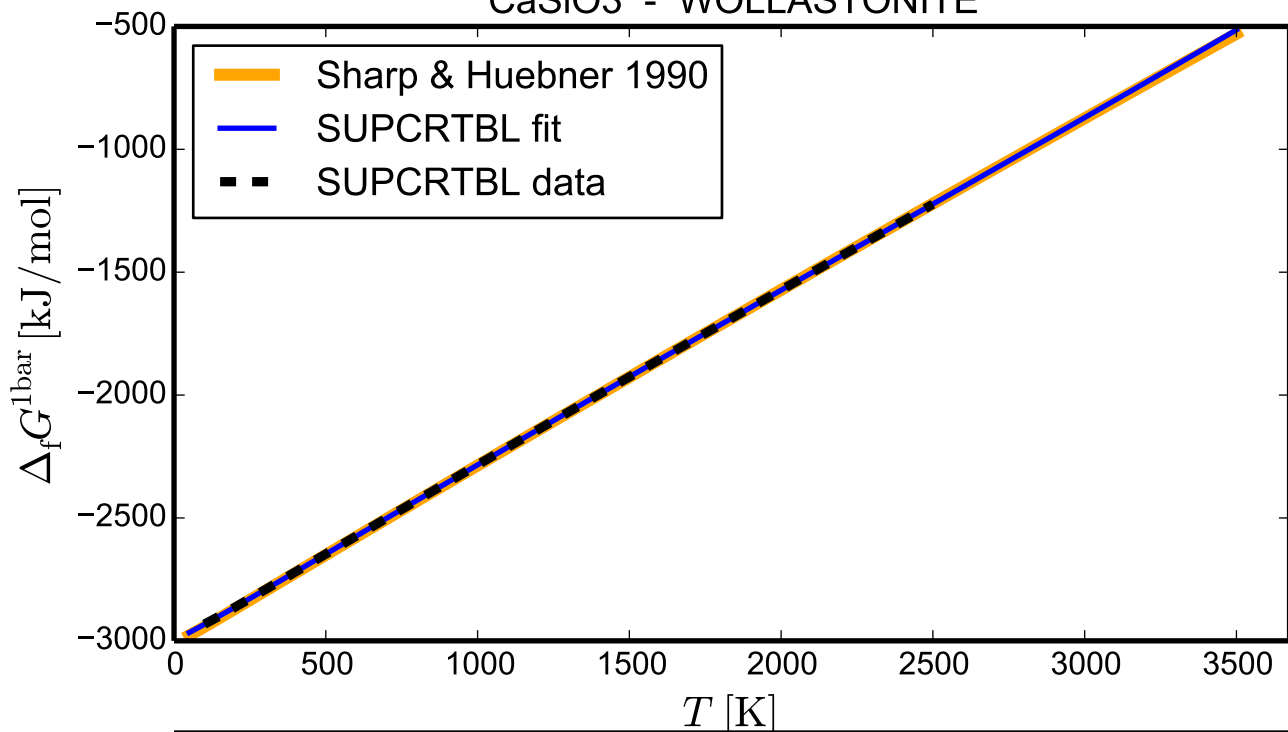
Ca₃Si₂O₇ - RANKINITE



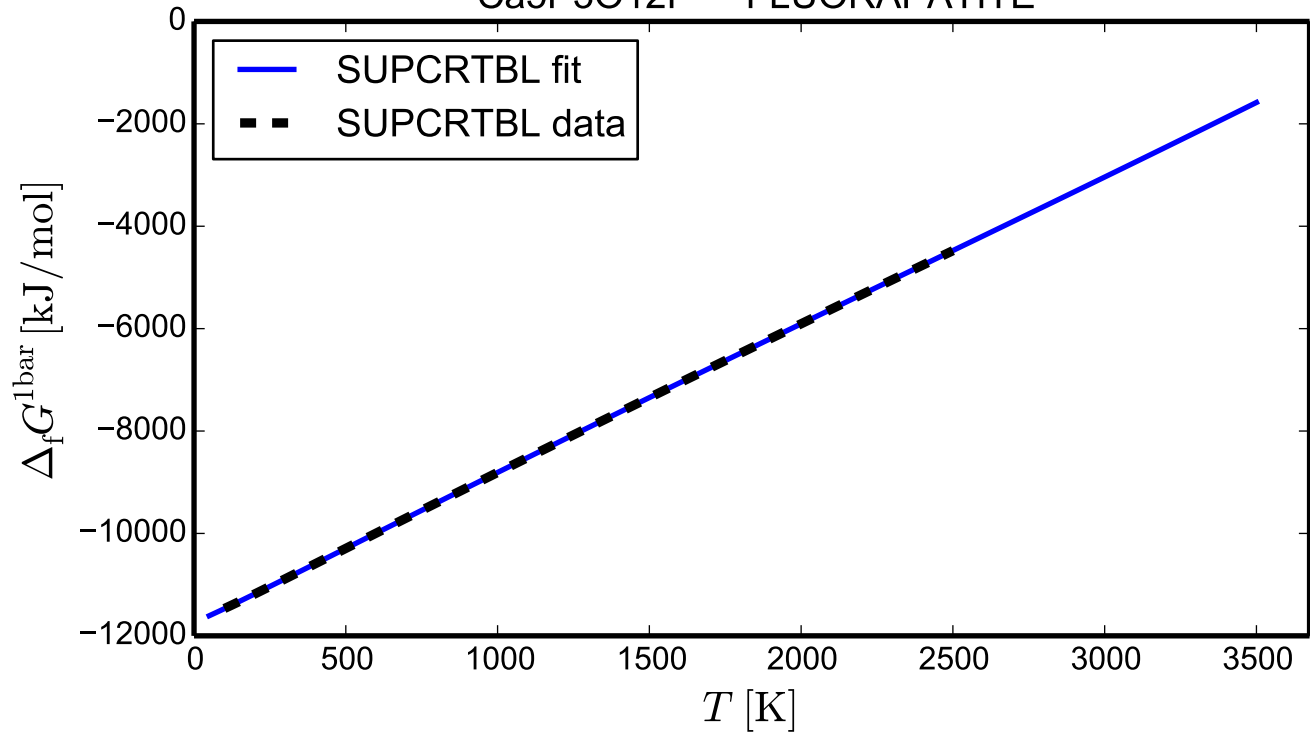
MgAl₂O₄ - SPINEL



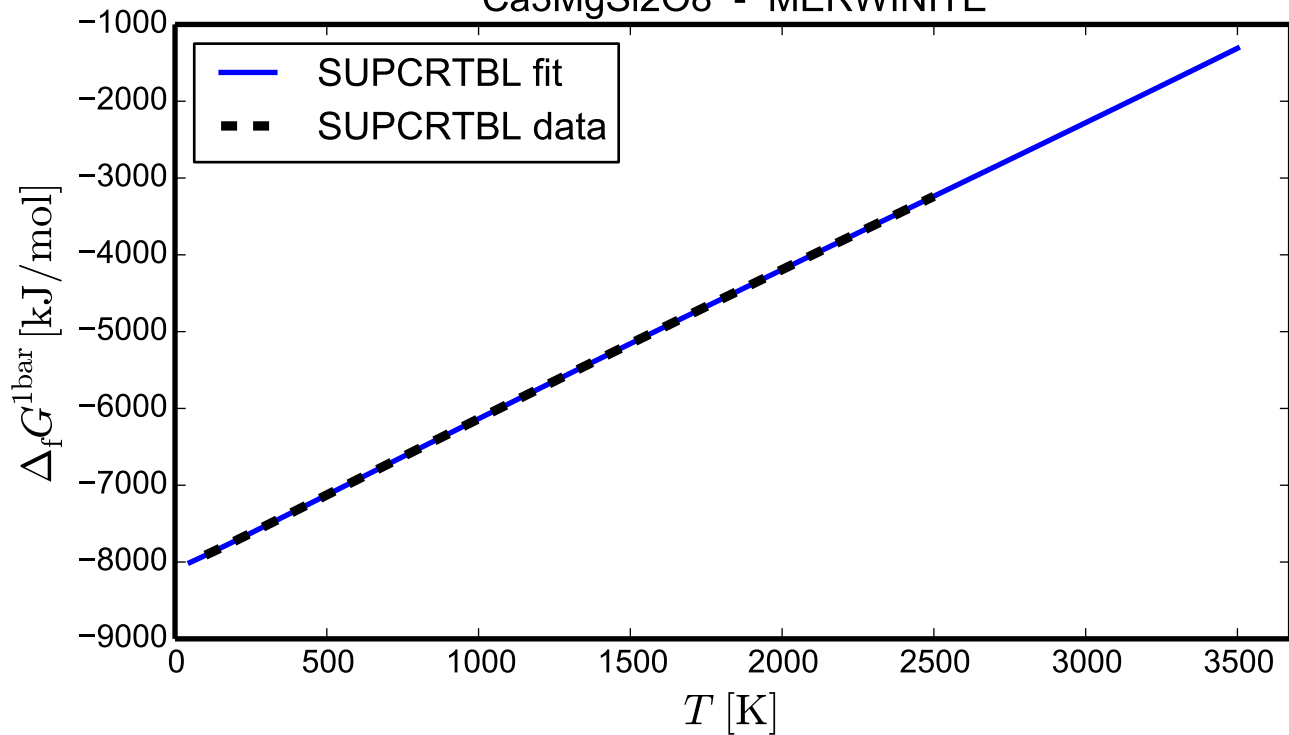
CaSiO₃ - WOLLASTONITE



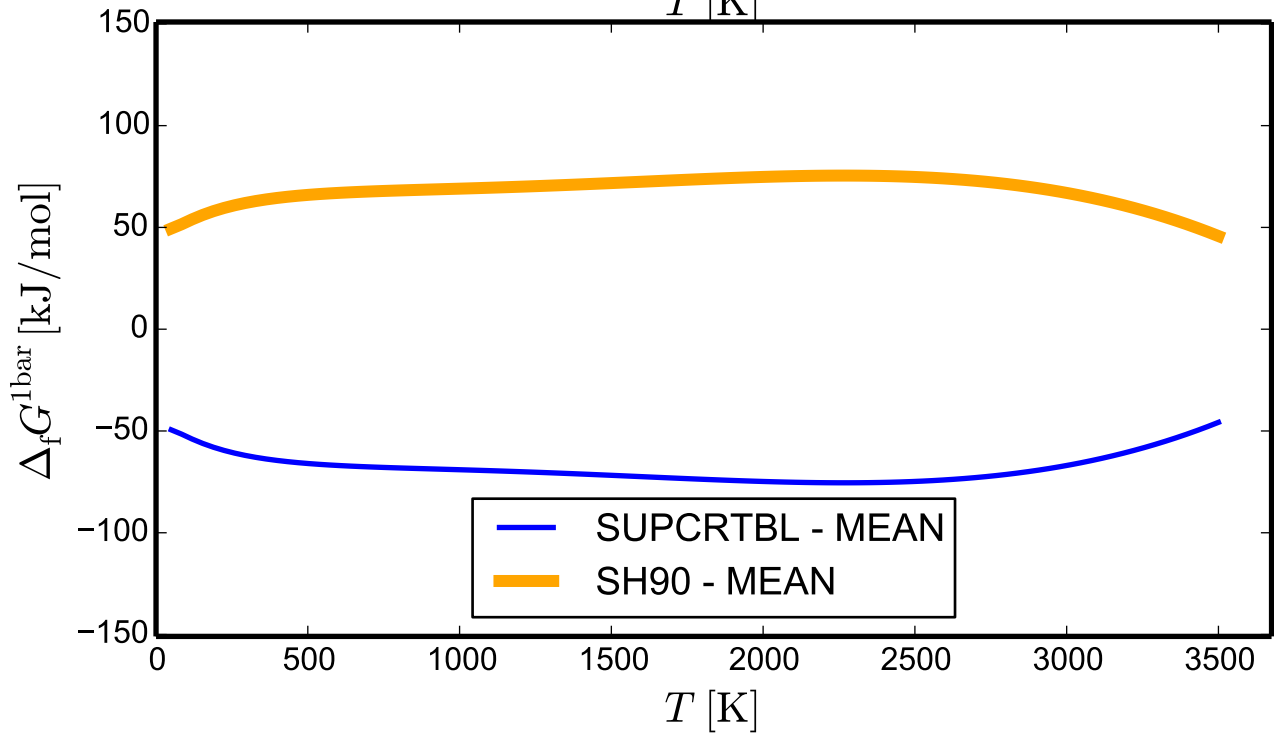
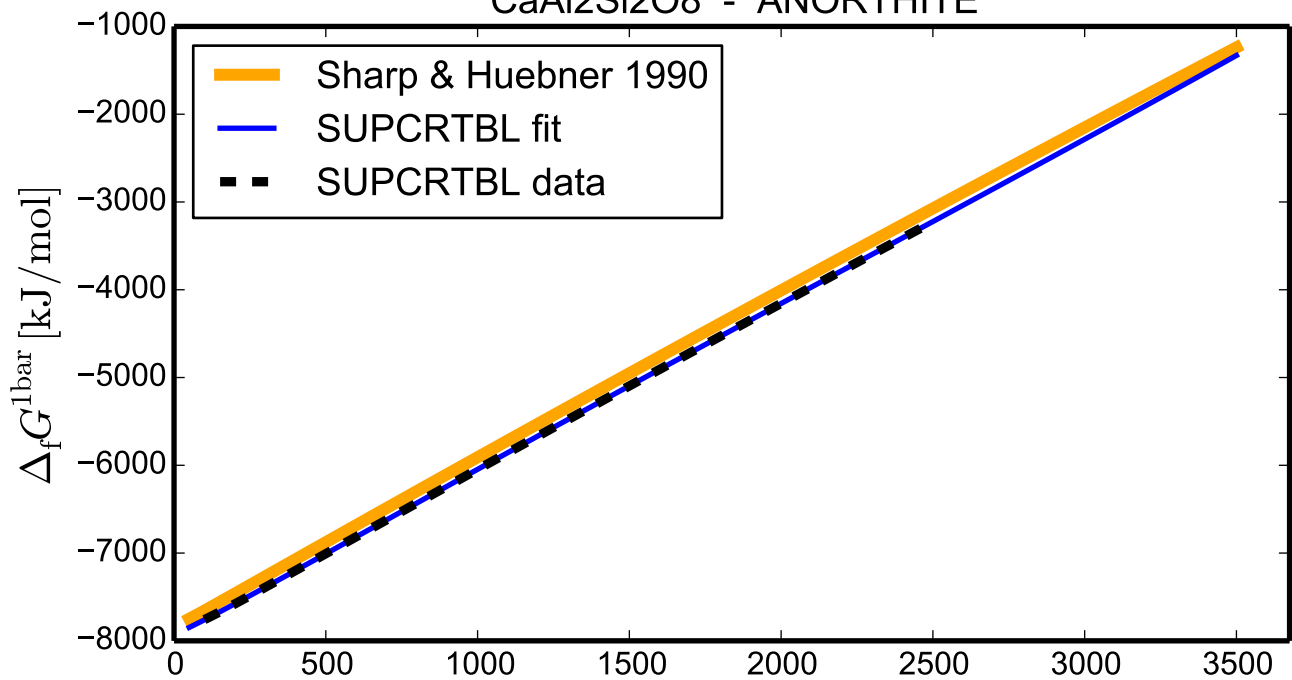
Ca5P3O12F - FLUORAPATITE



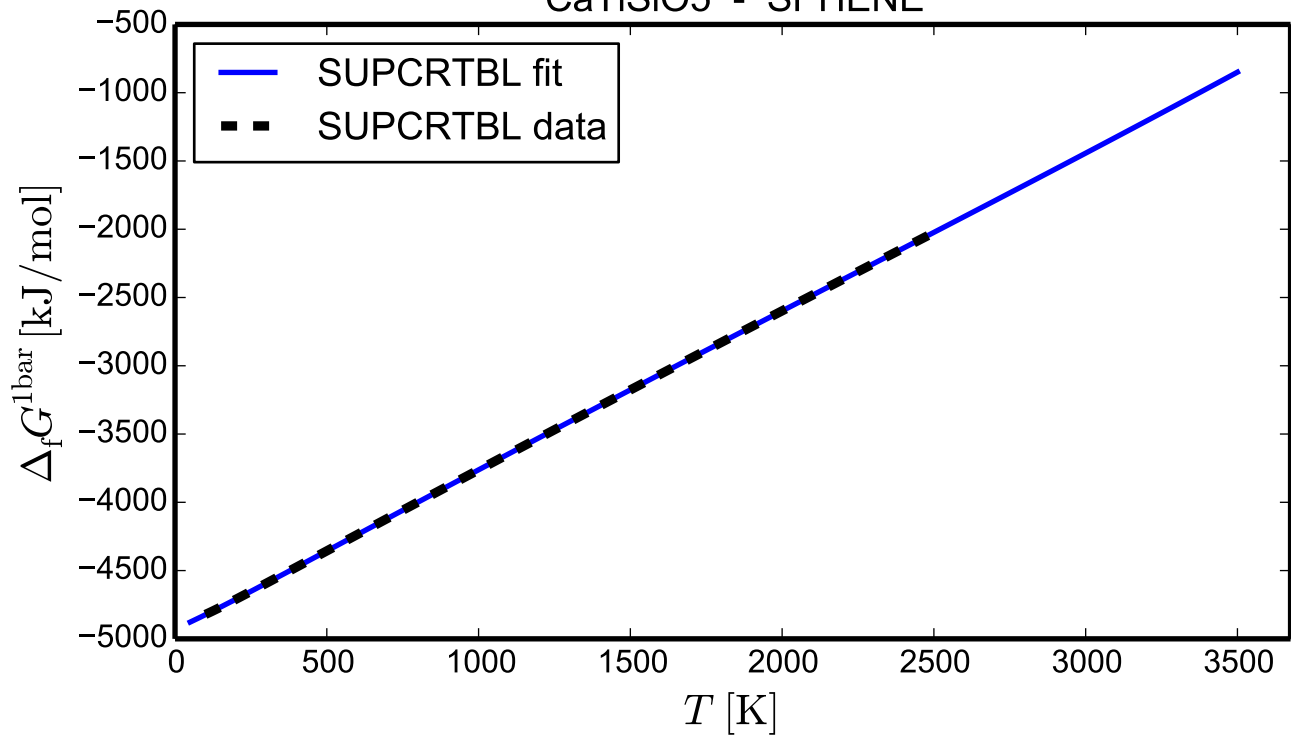
Ca3MgSi2O8 - MERWINITE



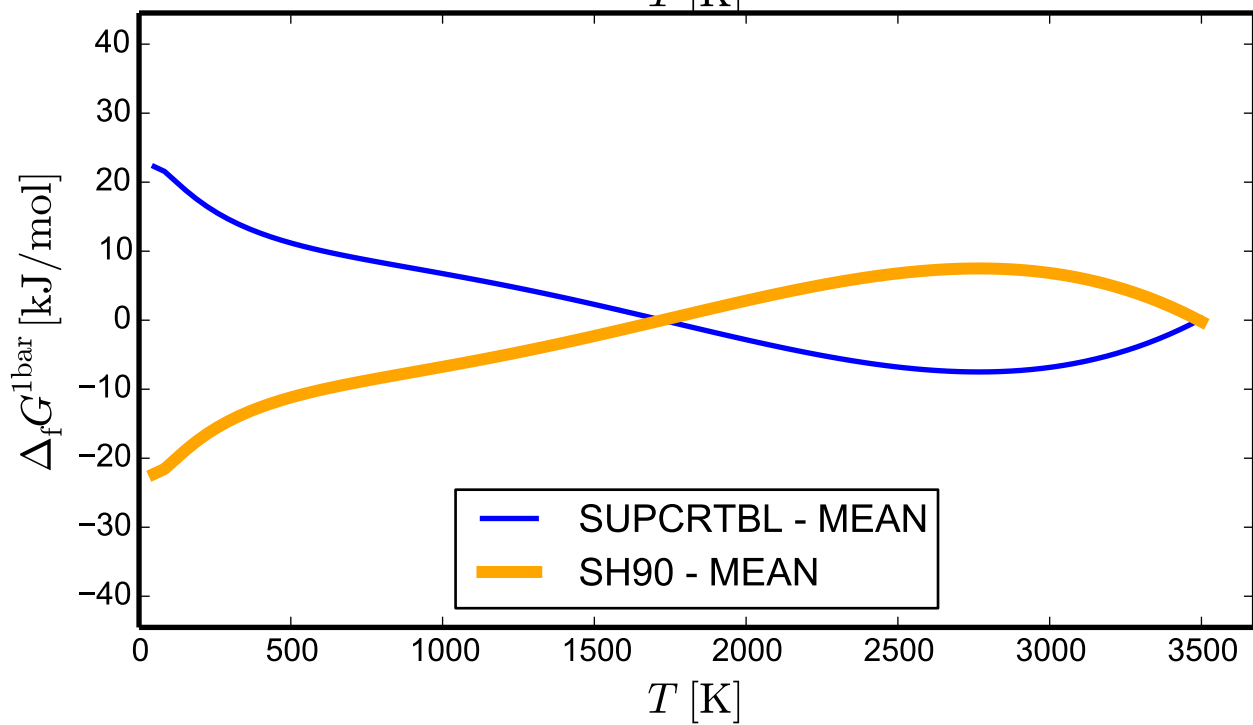
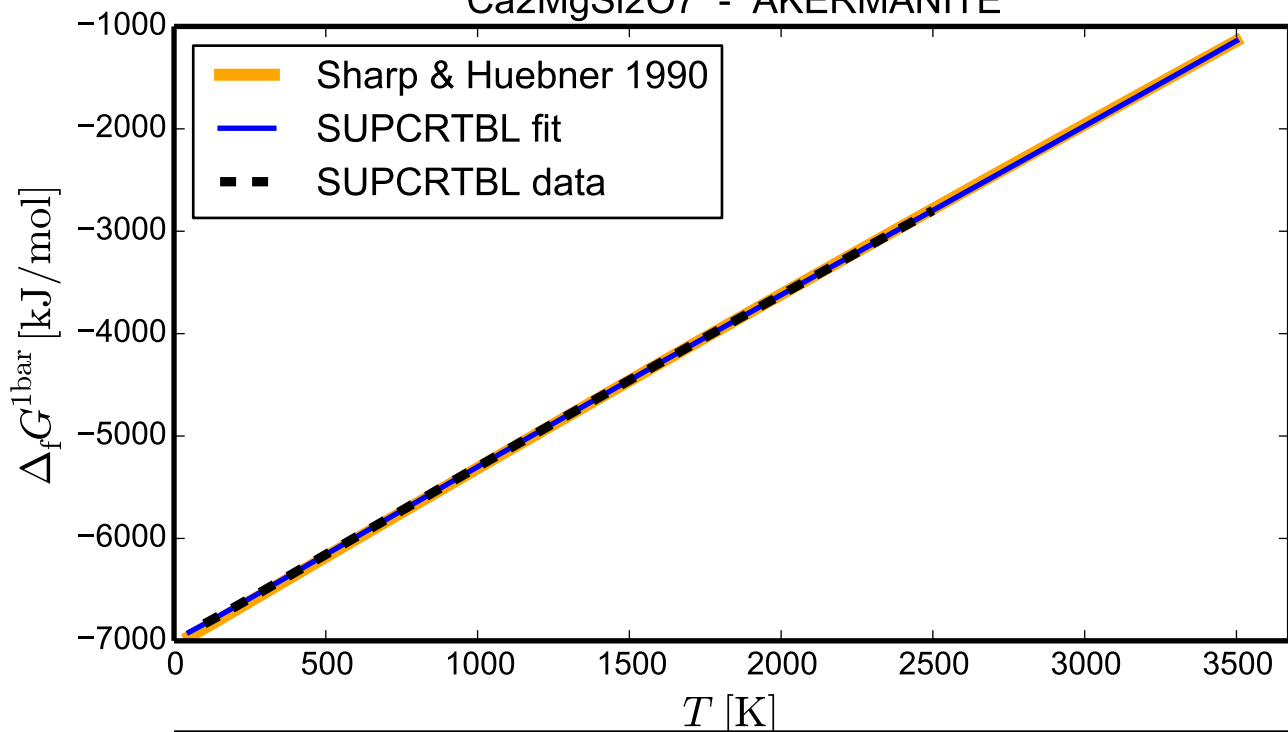
CaAl₂Si₂O₈ - ANORTHITE

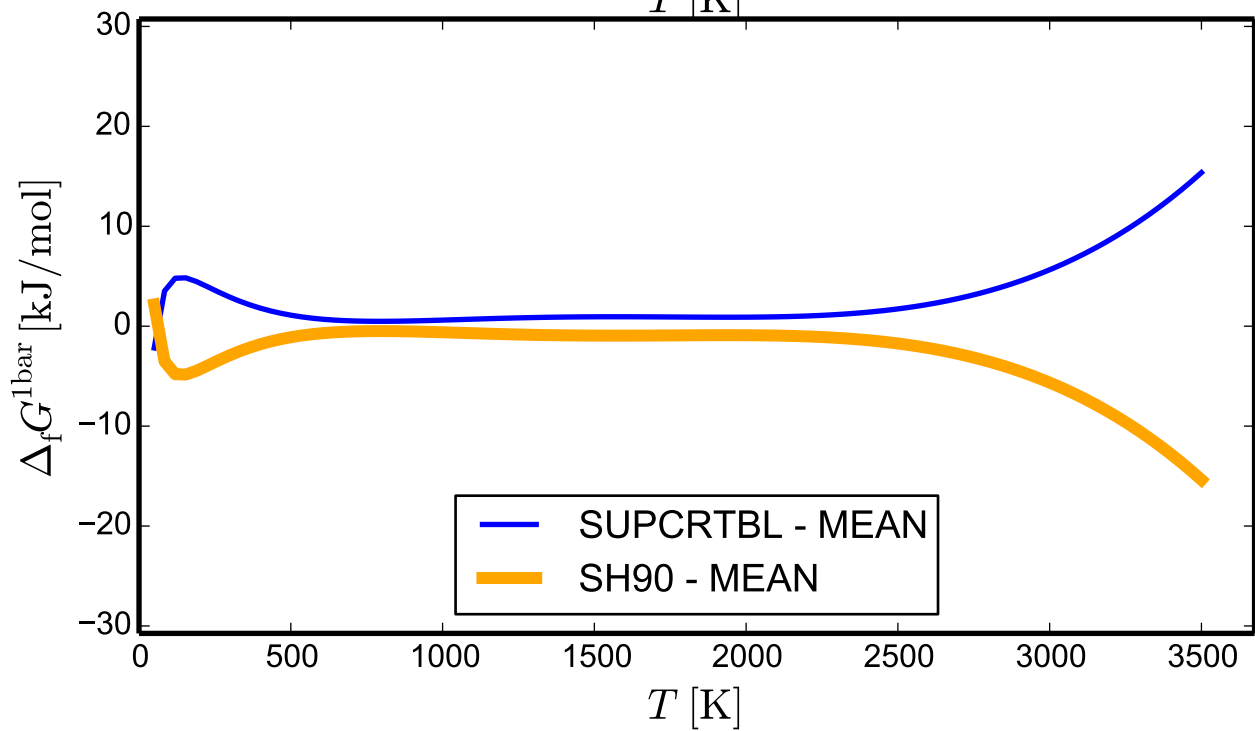
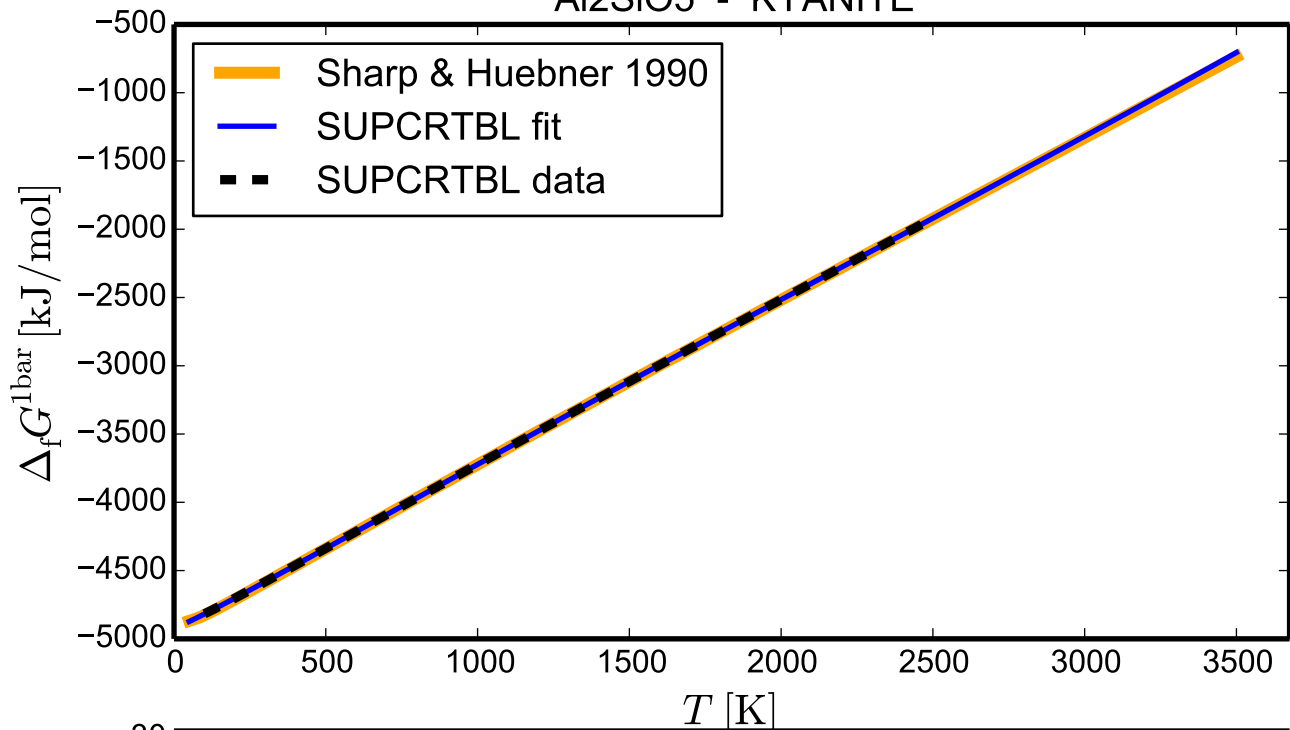


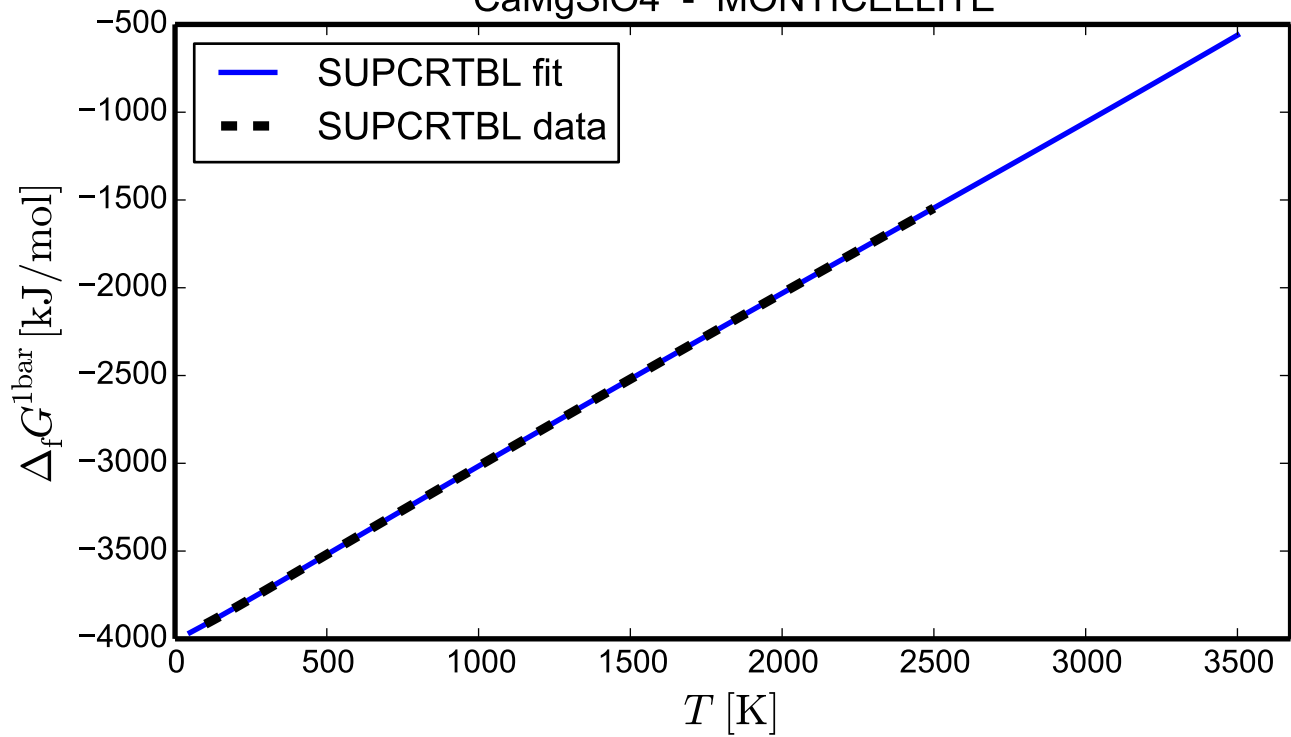
CaTiSiO5 - SPHENE



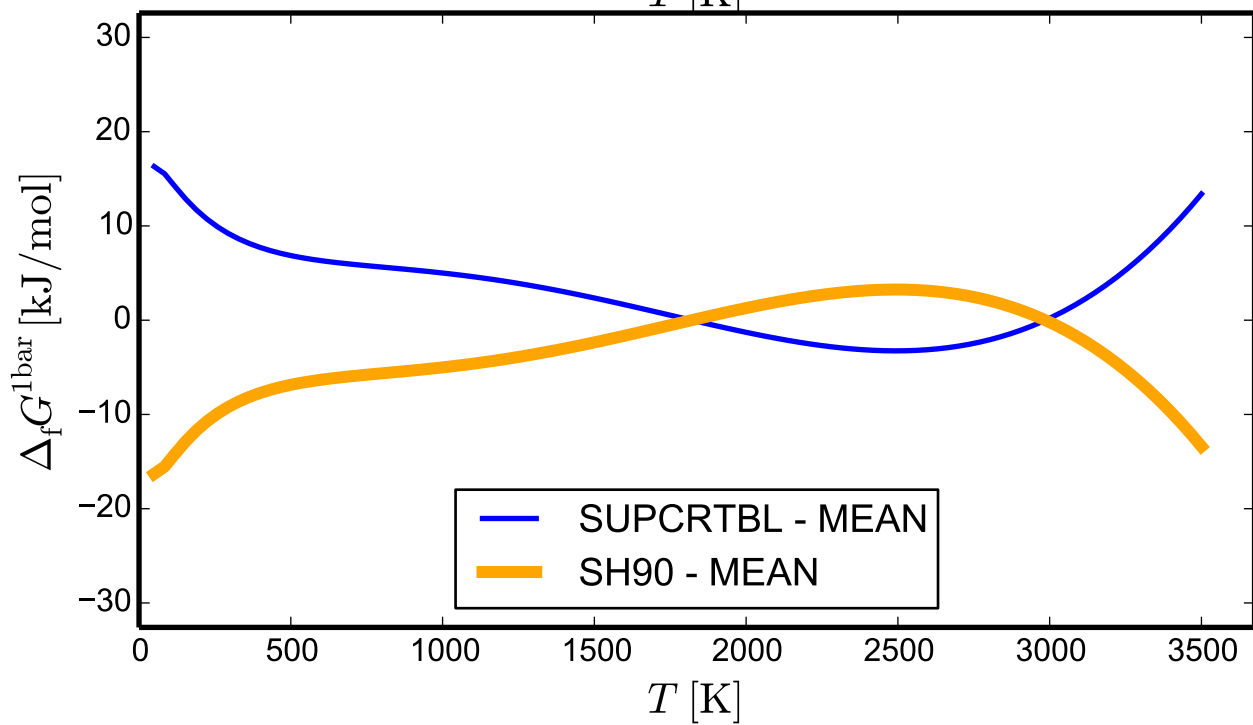
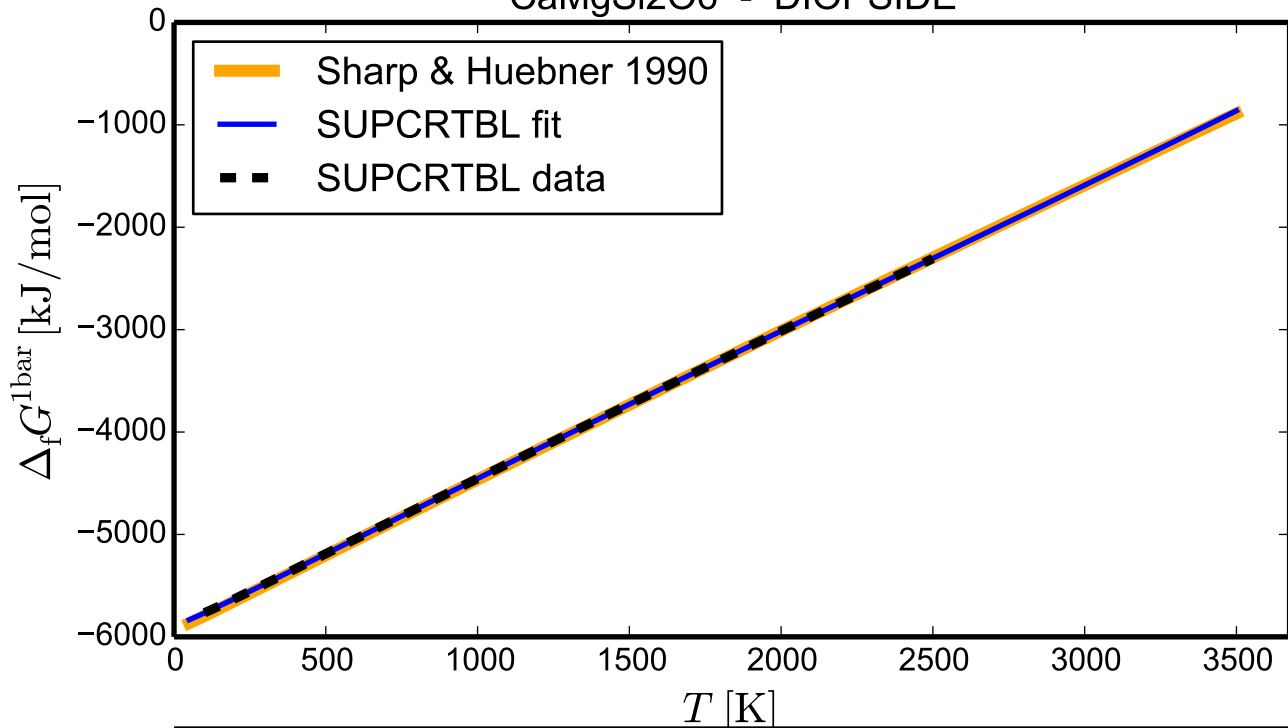
Ca₂MgSi₂O₇ - AKERMANITE



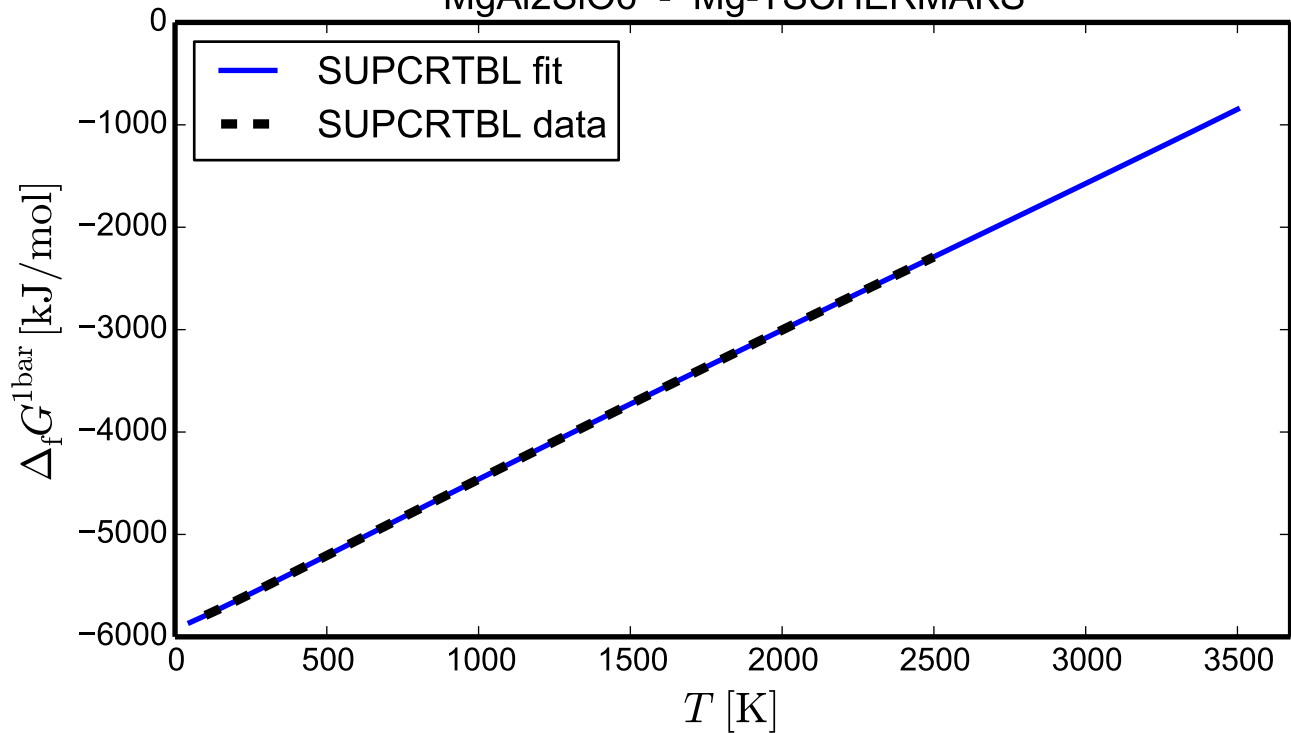
Al₂SiO₅ - KYANITE

CaMgSiO₄ - MONTICELLITE

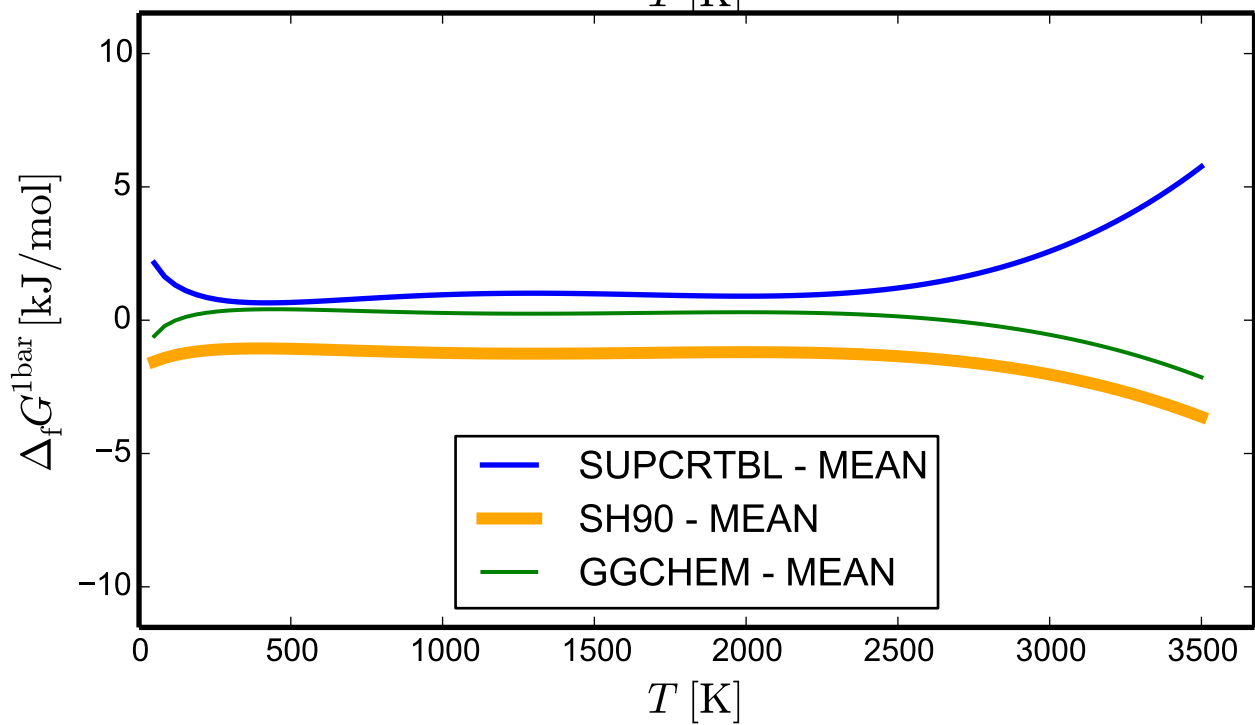
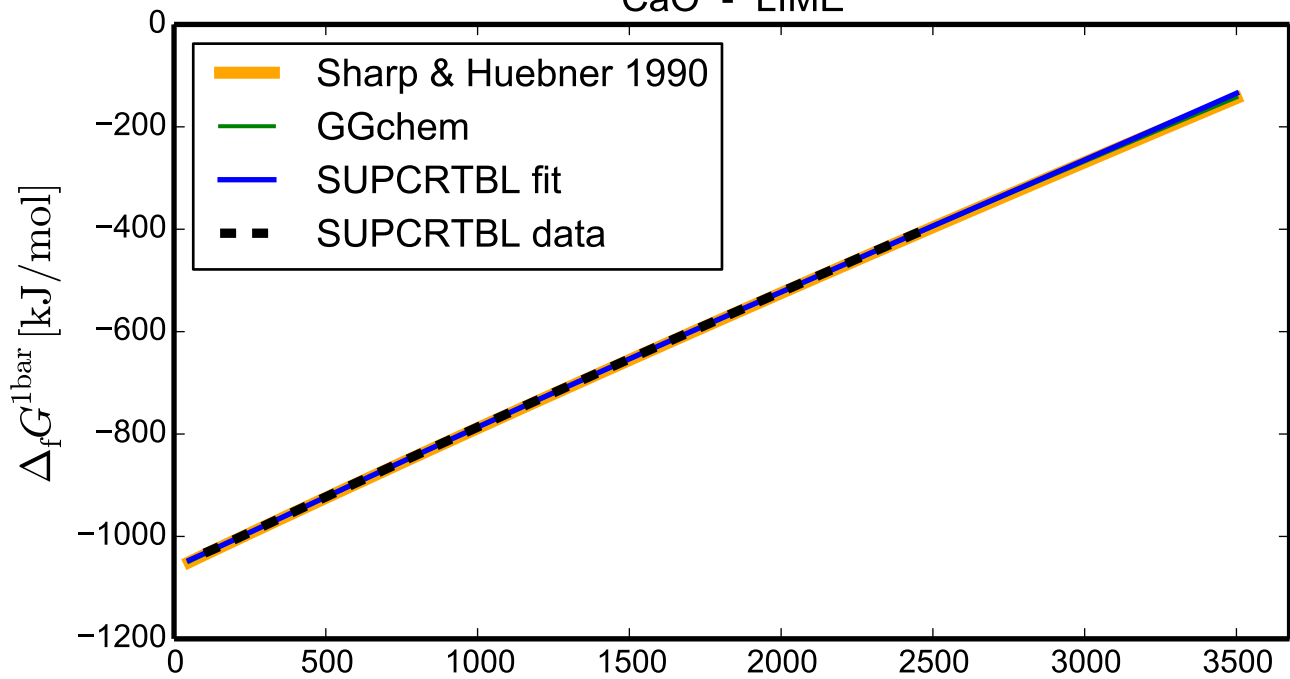
CaMgSi₂O₆ - DIOPSIDE



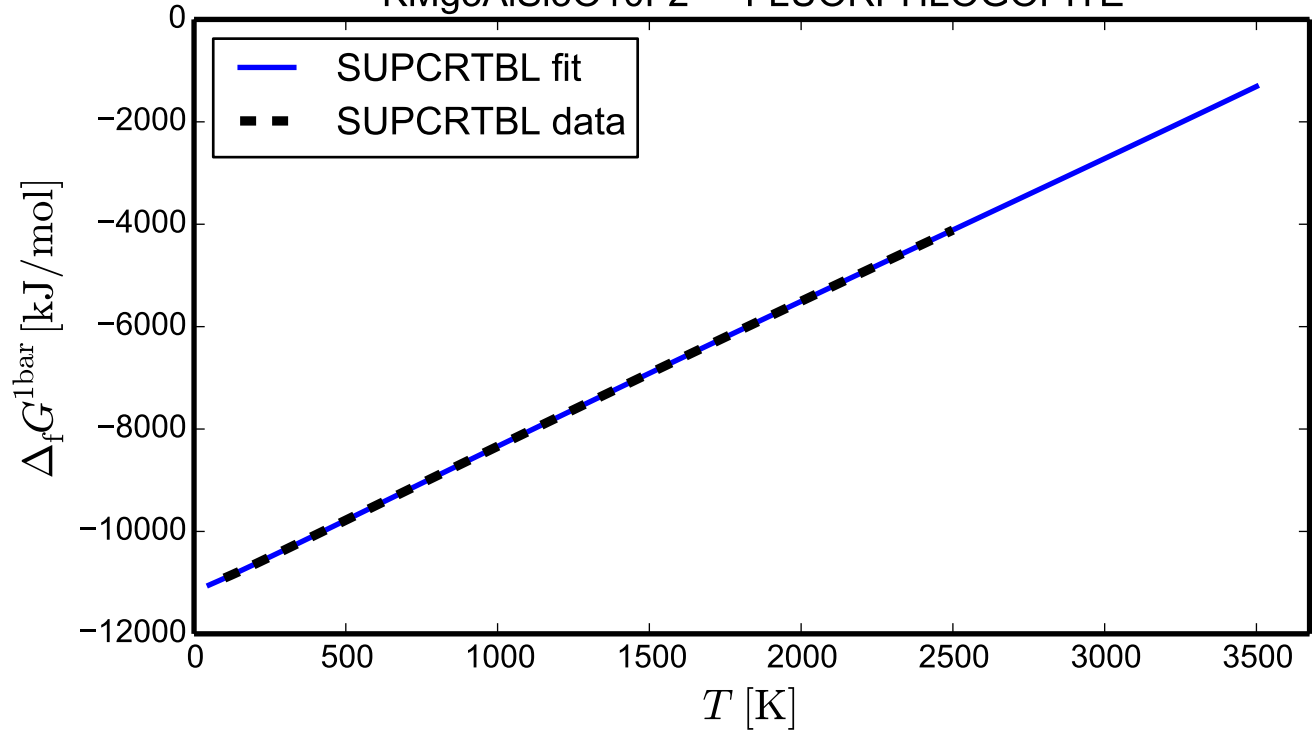
MgAl₂SiO₆ - Mg-TSCHERMAKS

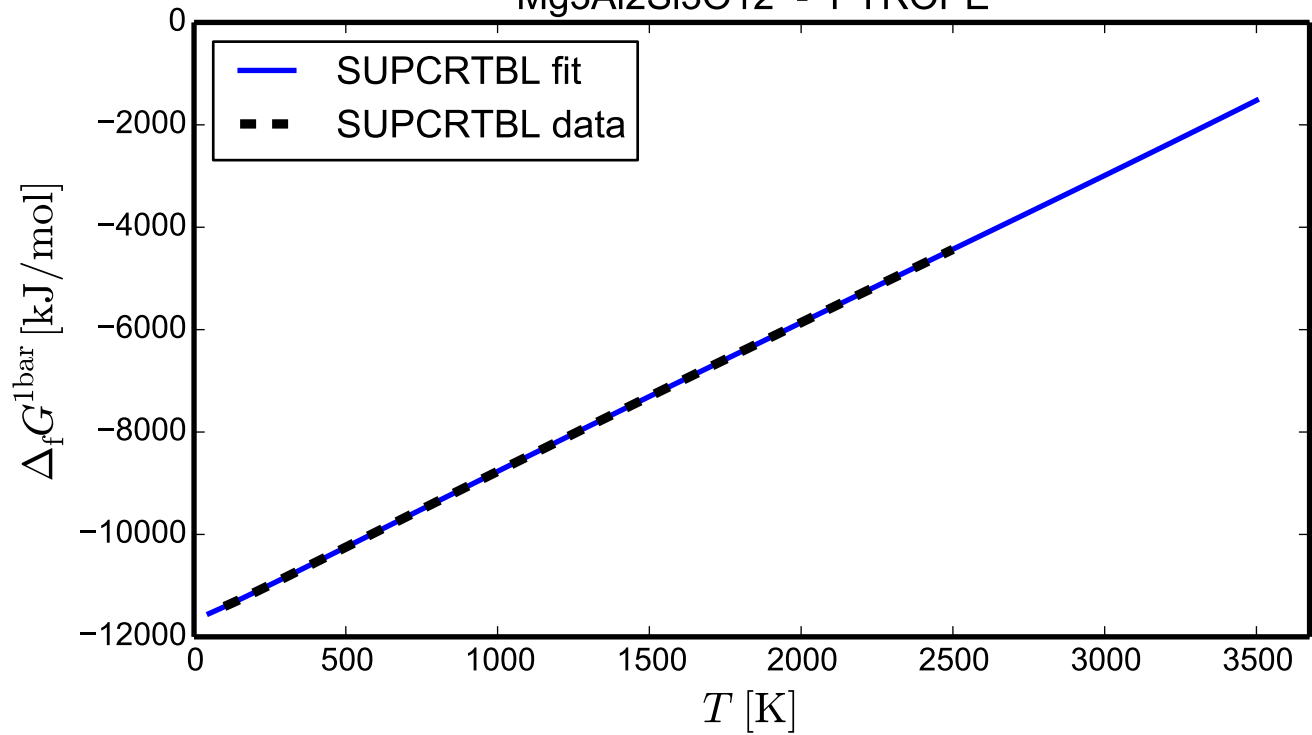


CaO - LIME

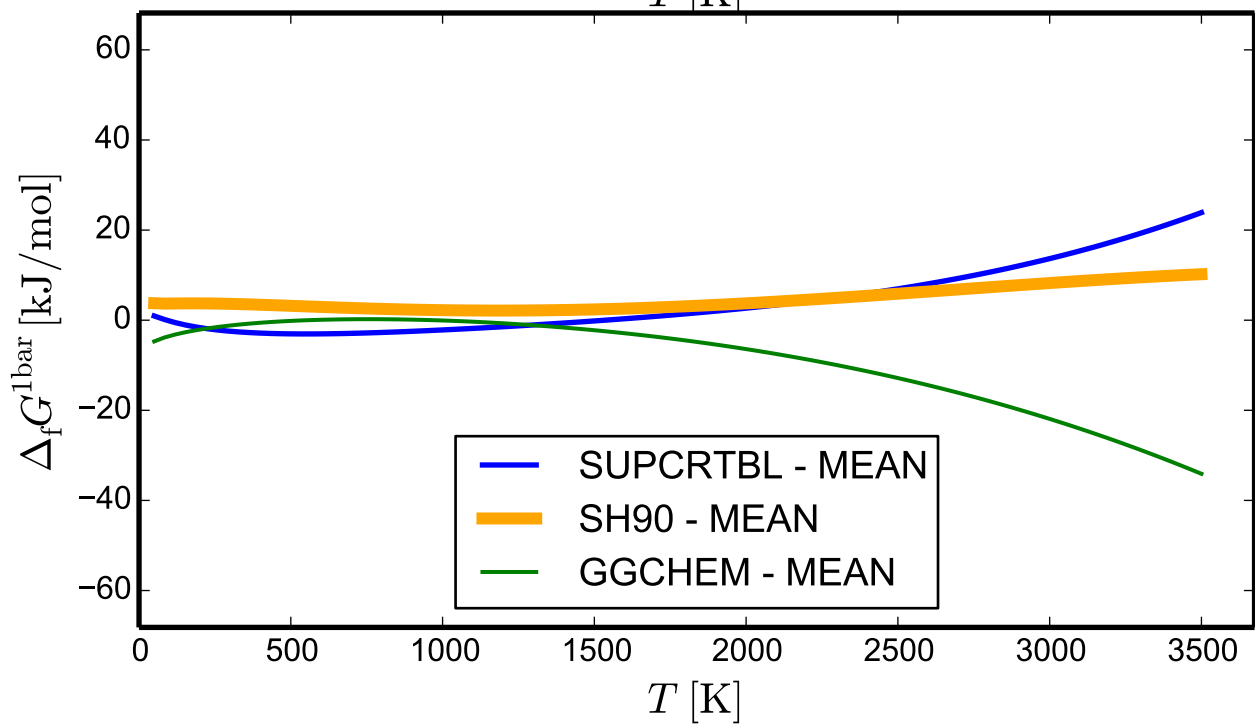
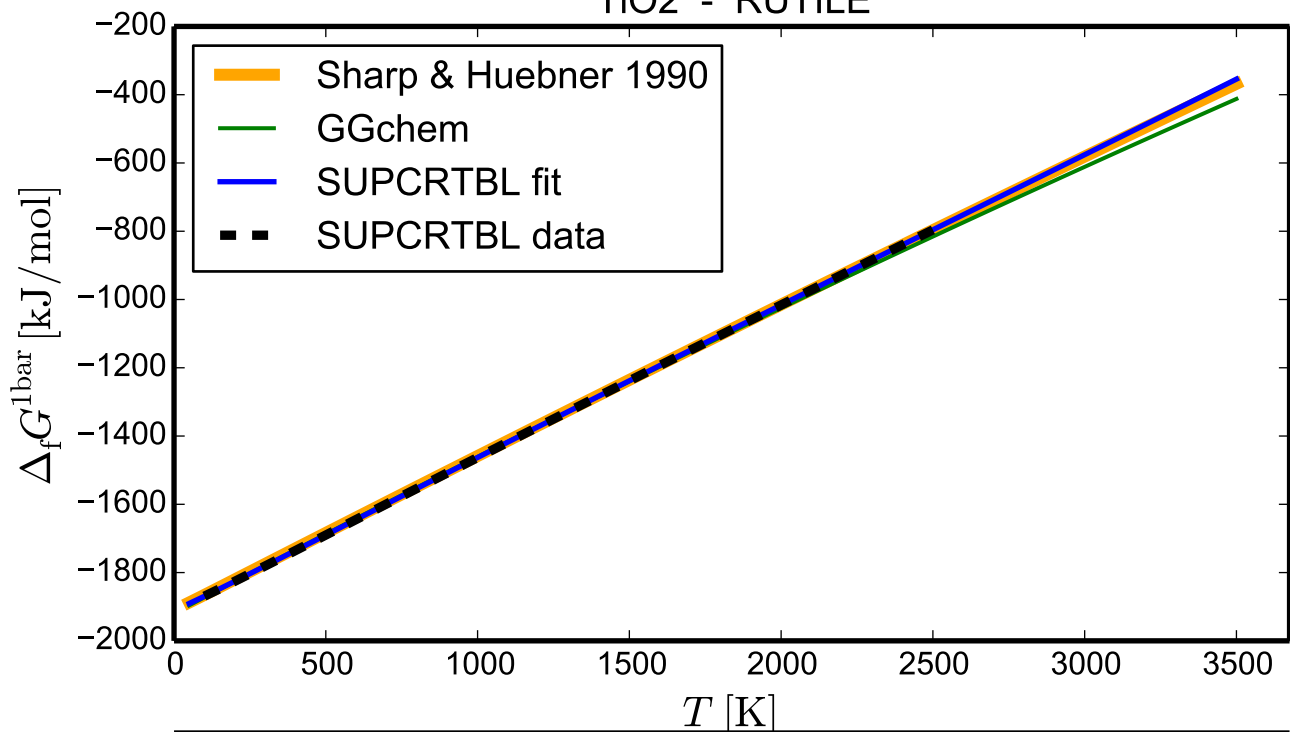


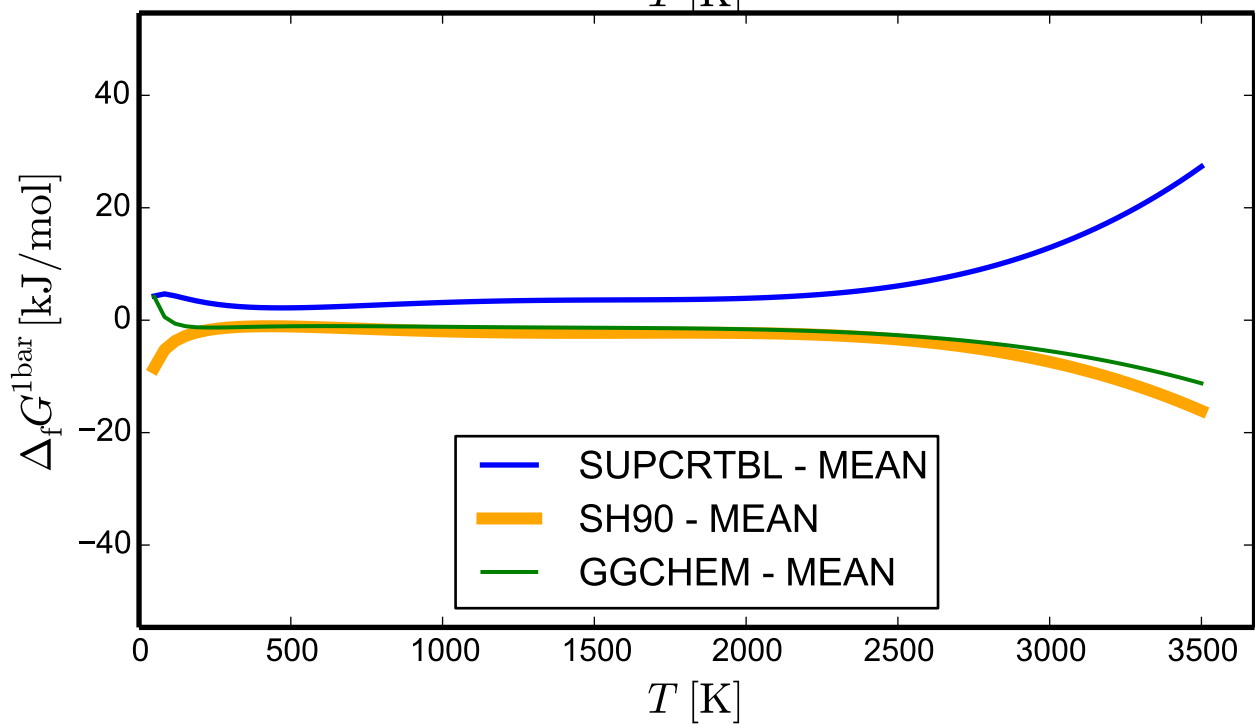
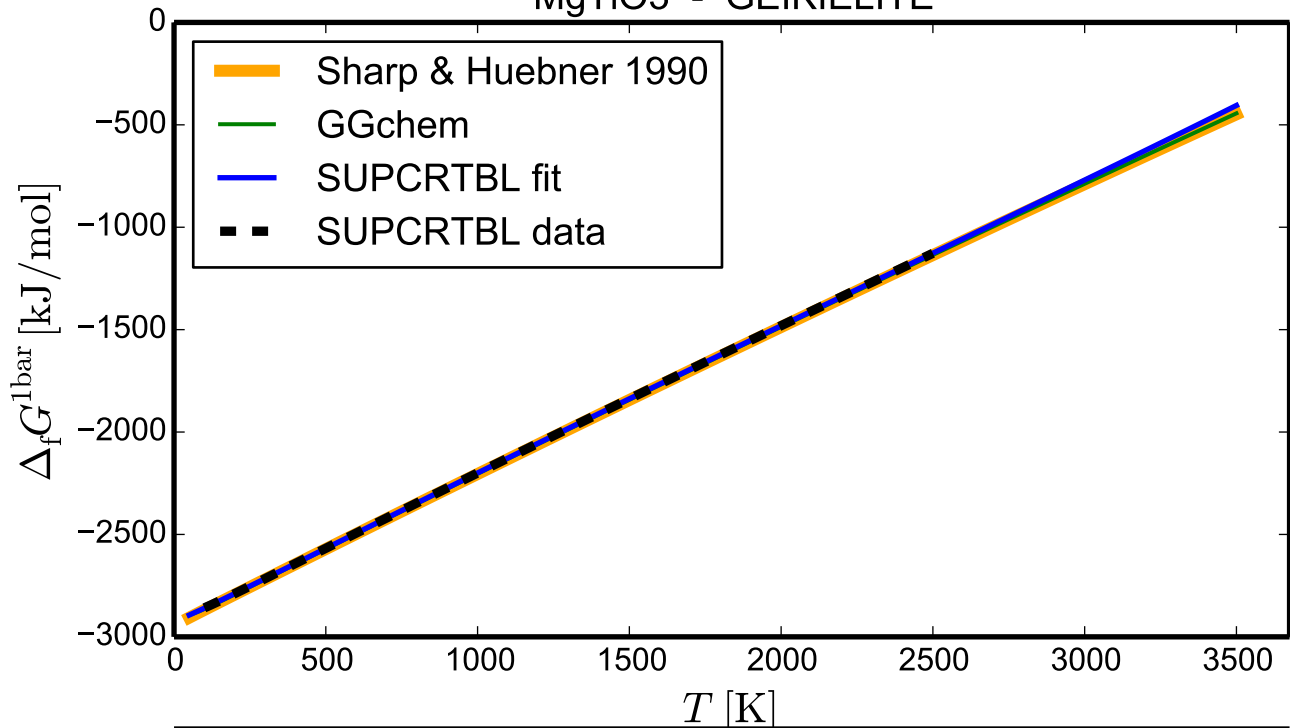
KMg3AlSi3O10F2 - FLUORPHLOGOPITE

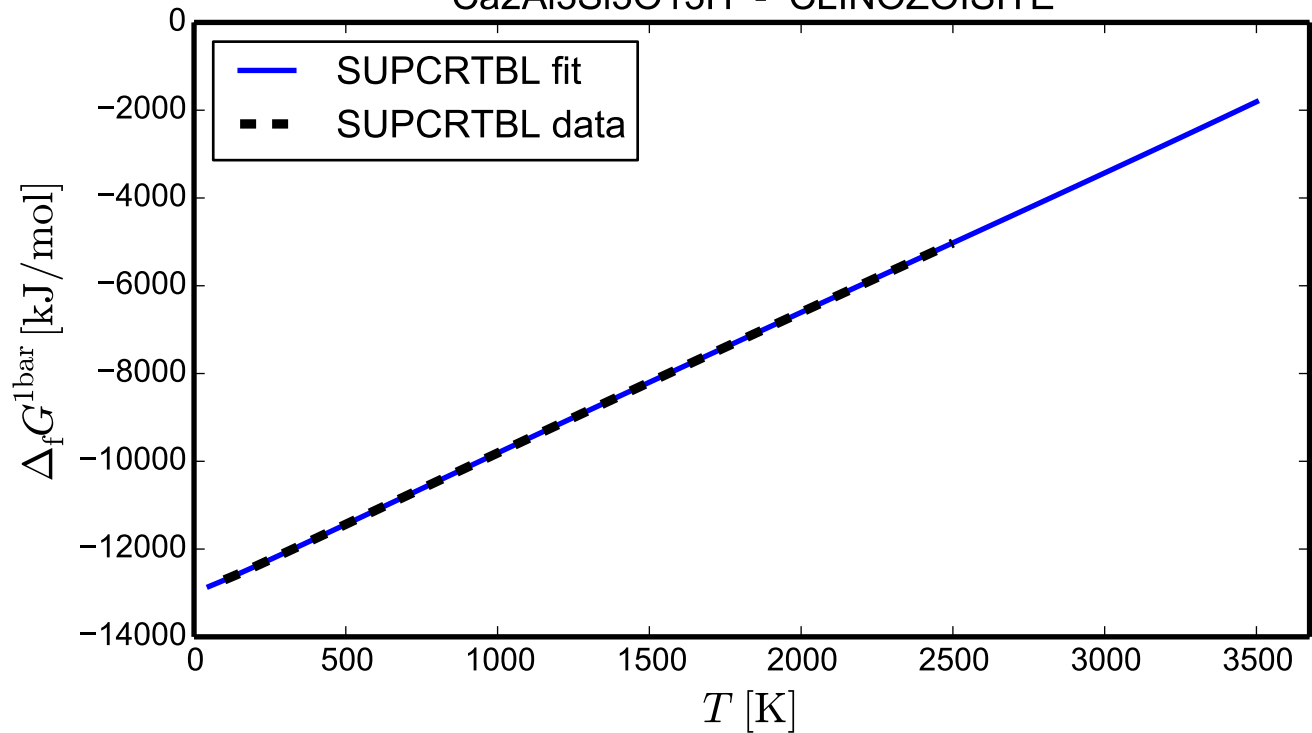


Mg₃Al₂Si₃O₁₂ - PYROPE

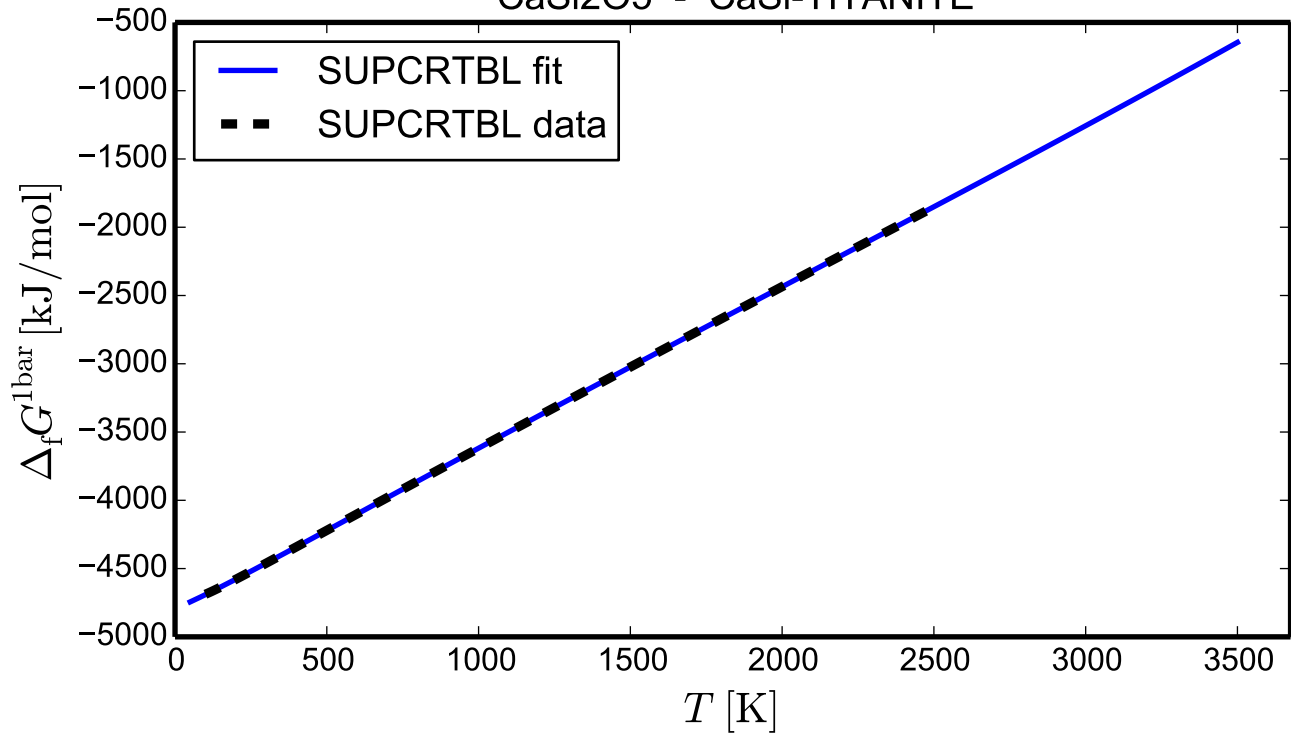
TiO₂ - RUTILE

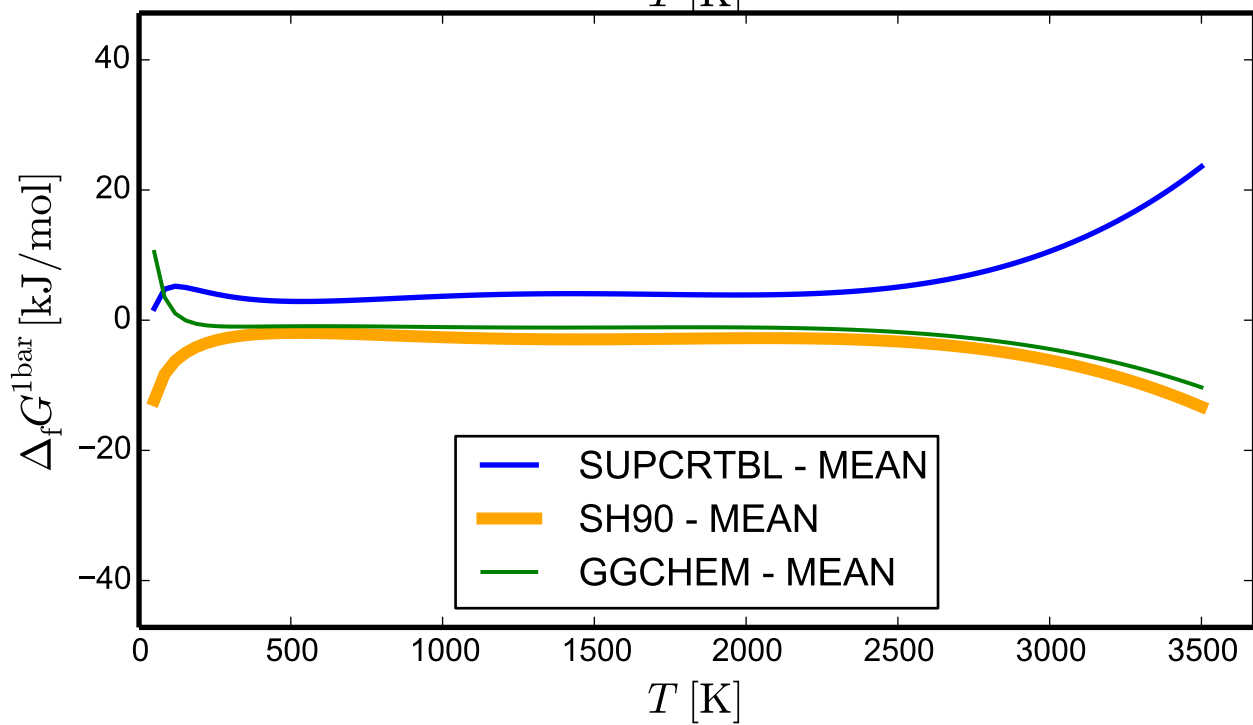
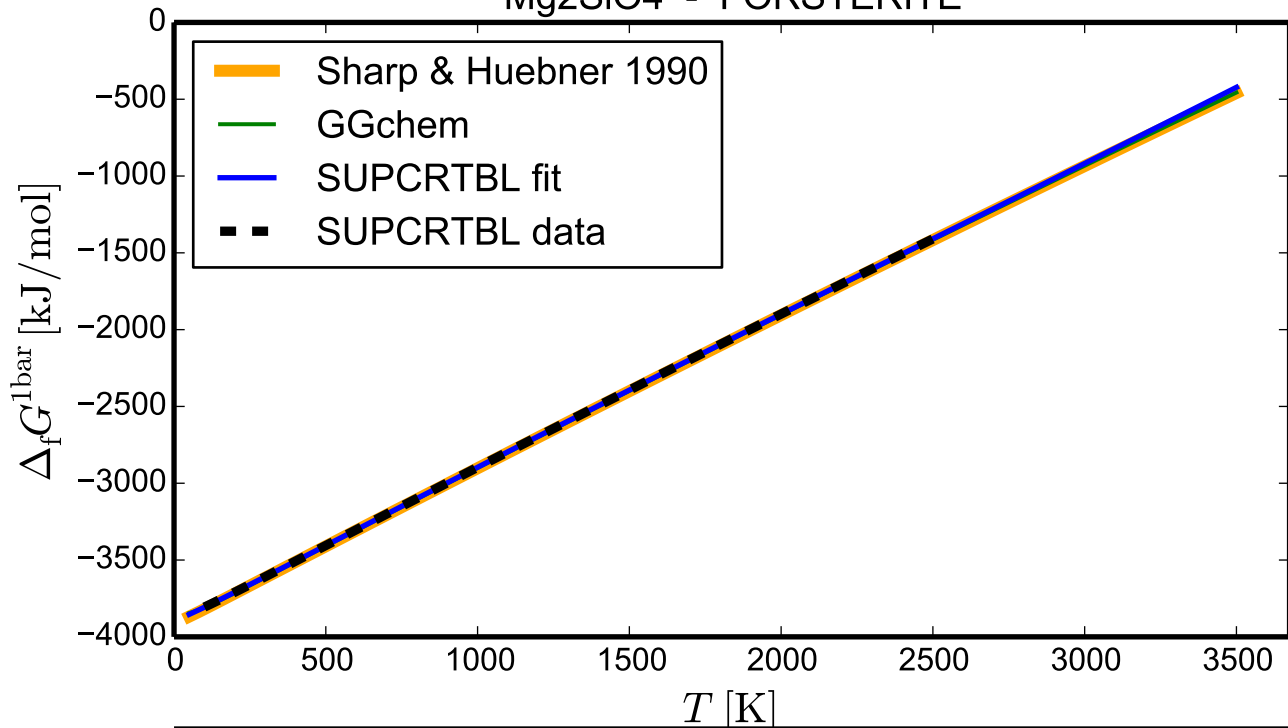


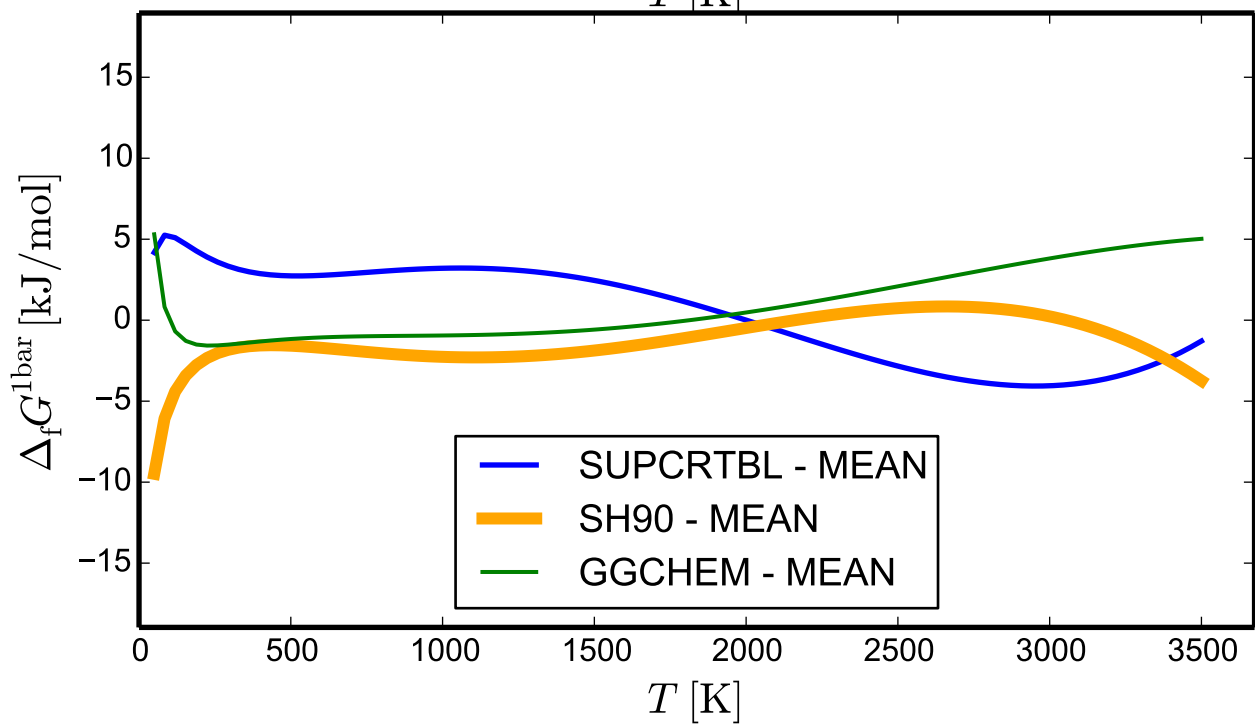
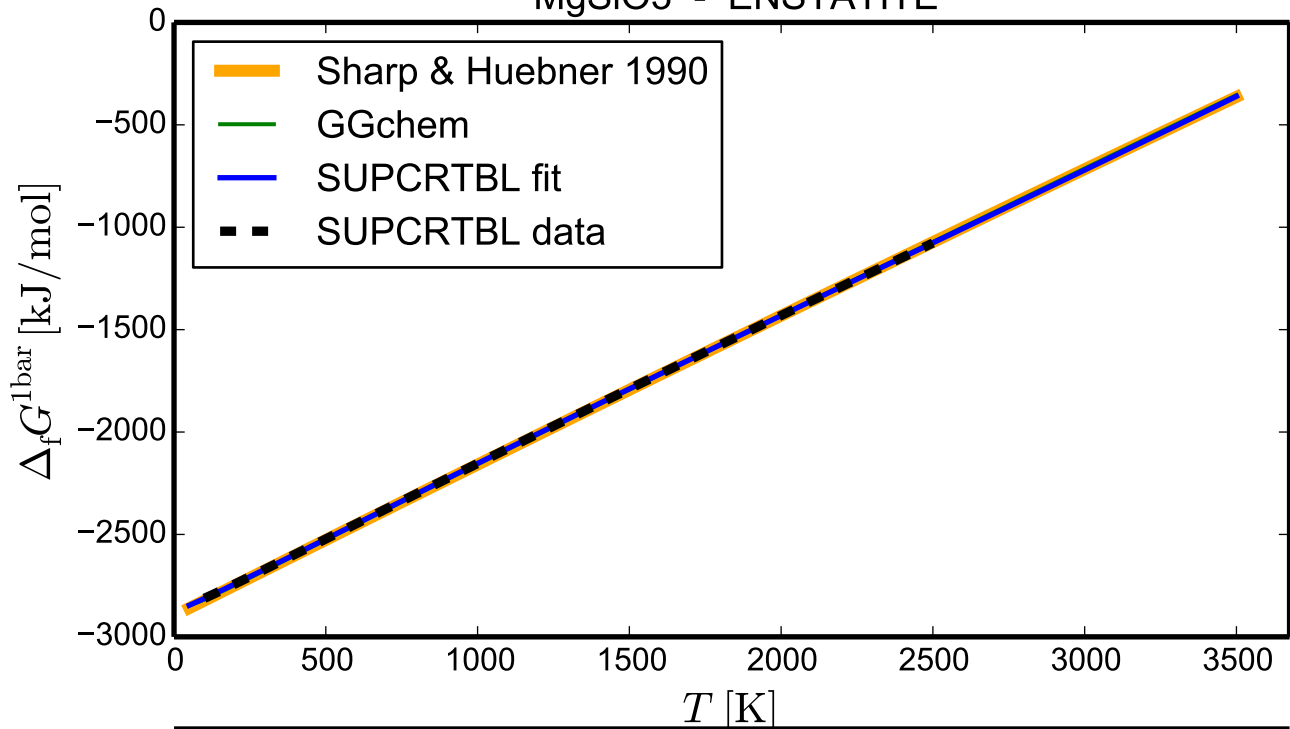
MgTiO₃ - GEIKIELITE

Ca₂Al₃Si₃O₁₃H - CLINOZOISITE

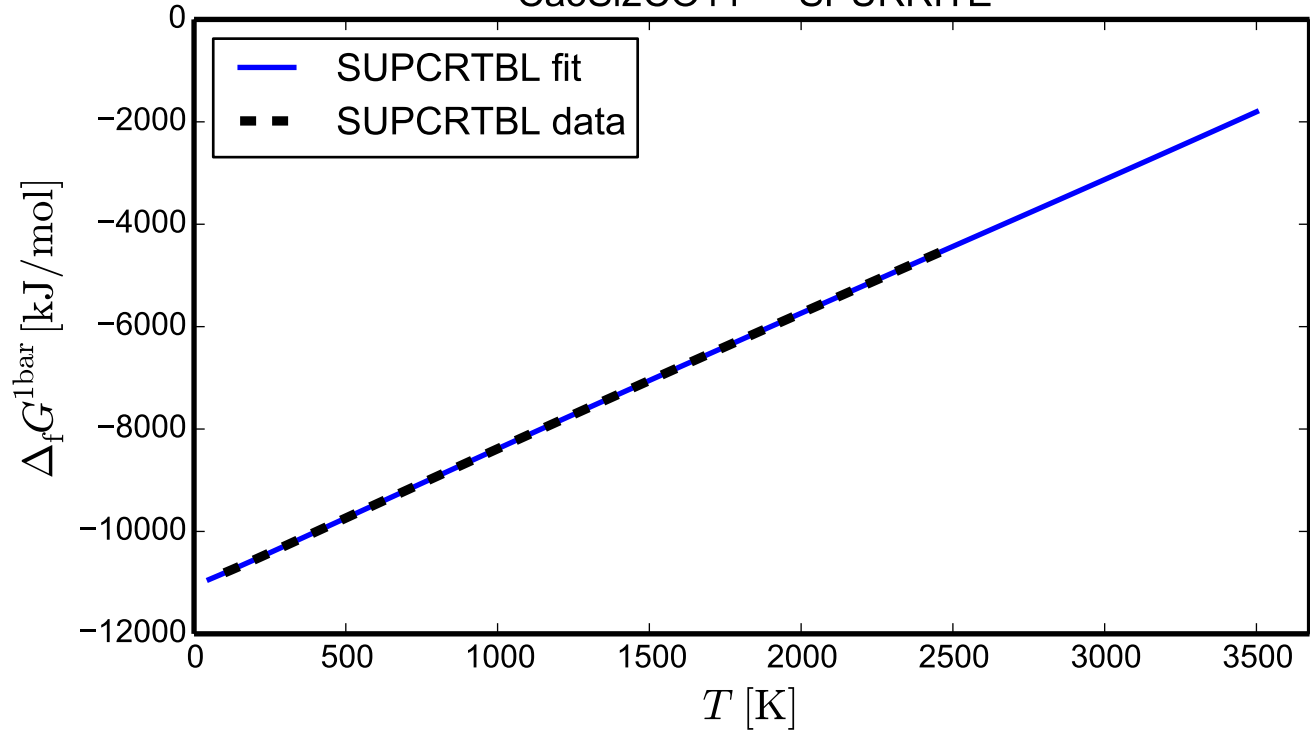
CaSi2O5 - CaSi-TITANITE



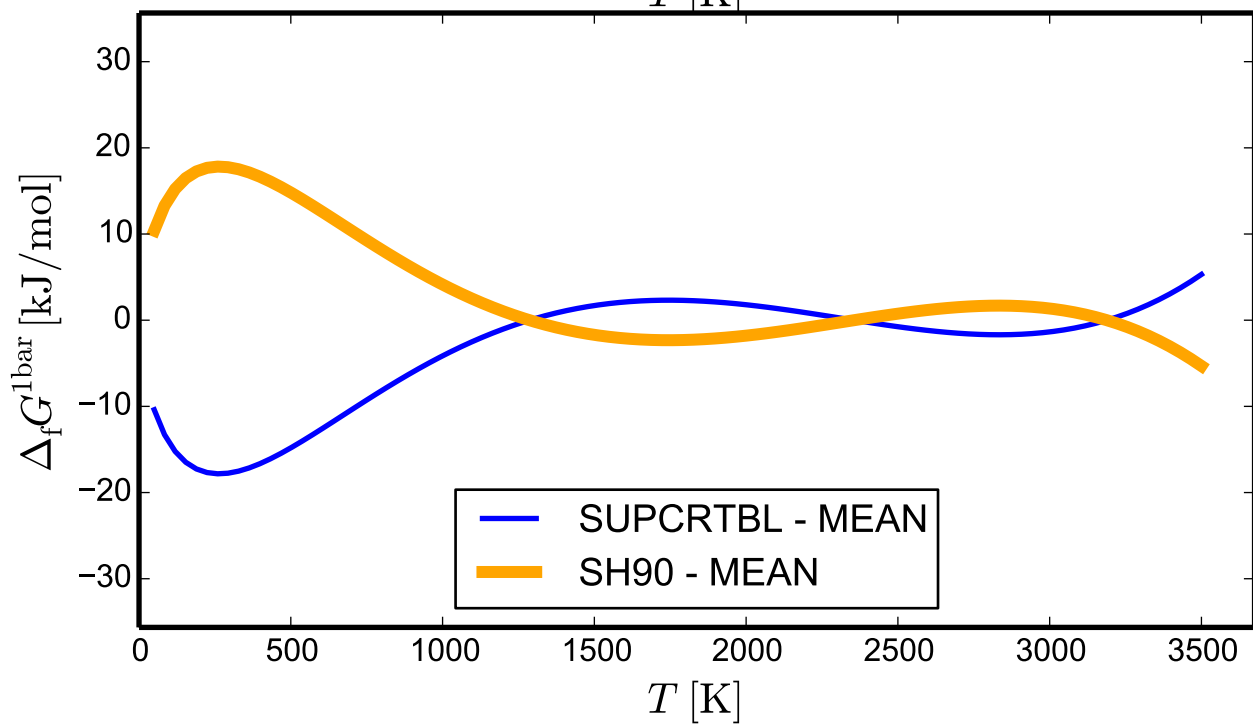
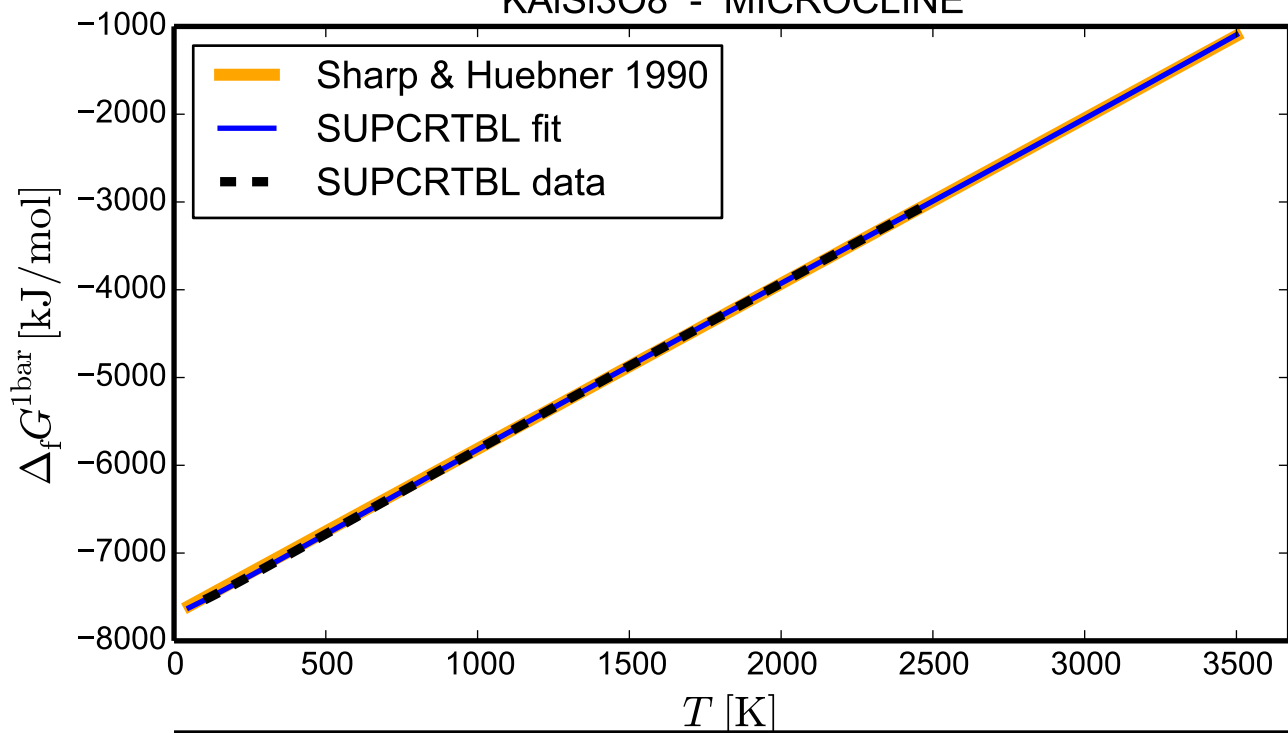
Mg₂SiO₄ - FORSTERITE

MgSiO₃ - ENSTATITE

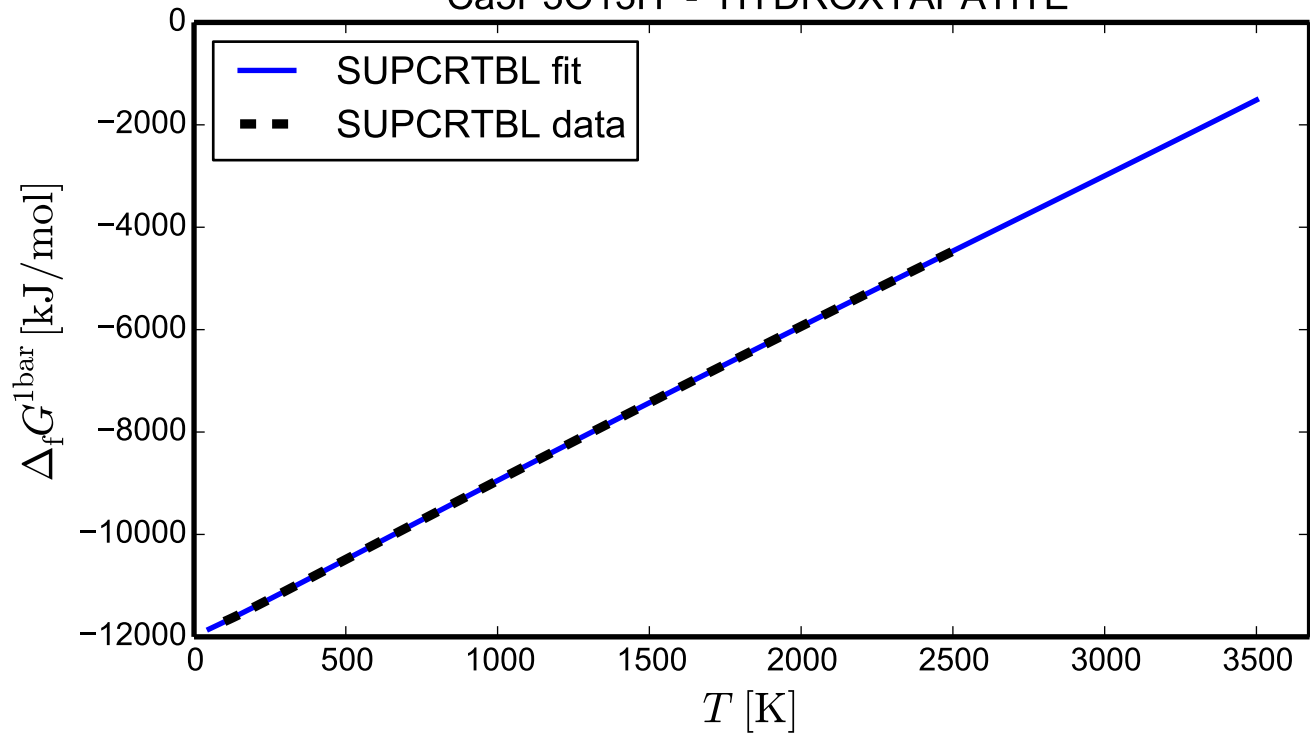
Ca5Si2CO11 - SPURRITE



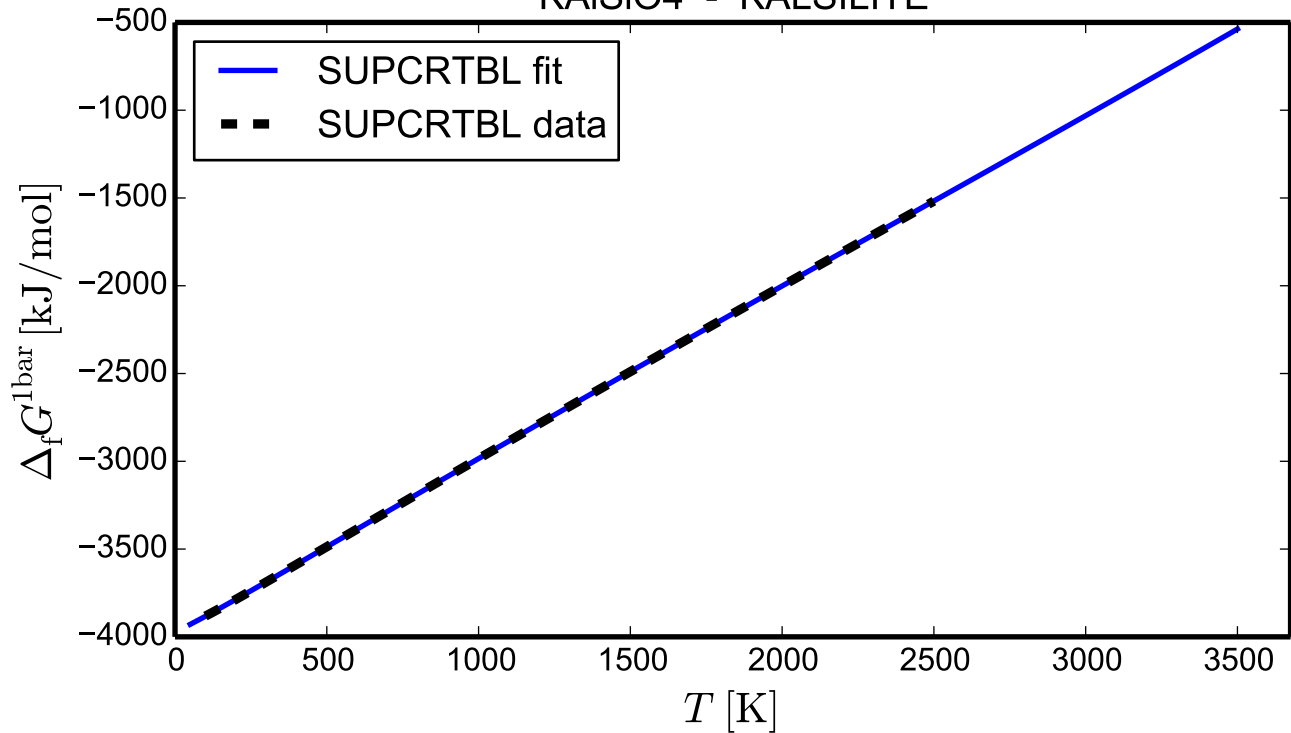
KAISi3O8 - MICROCLINE



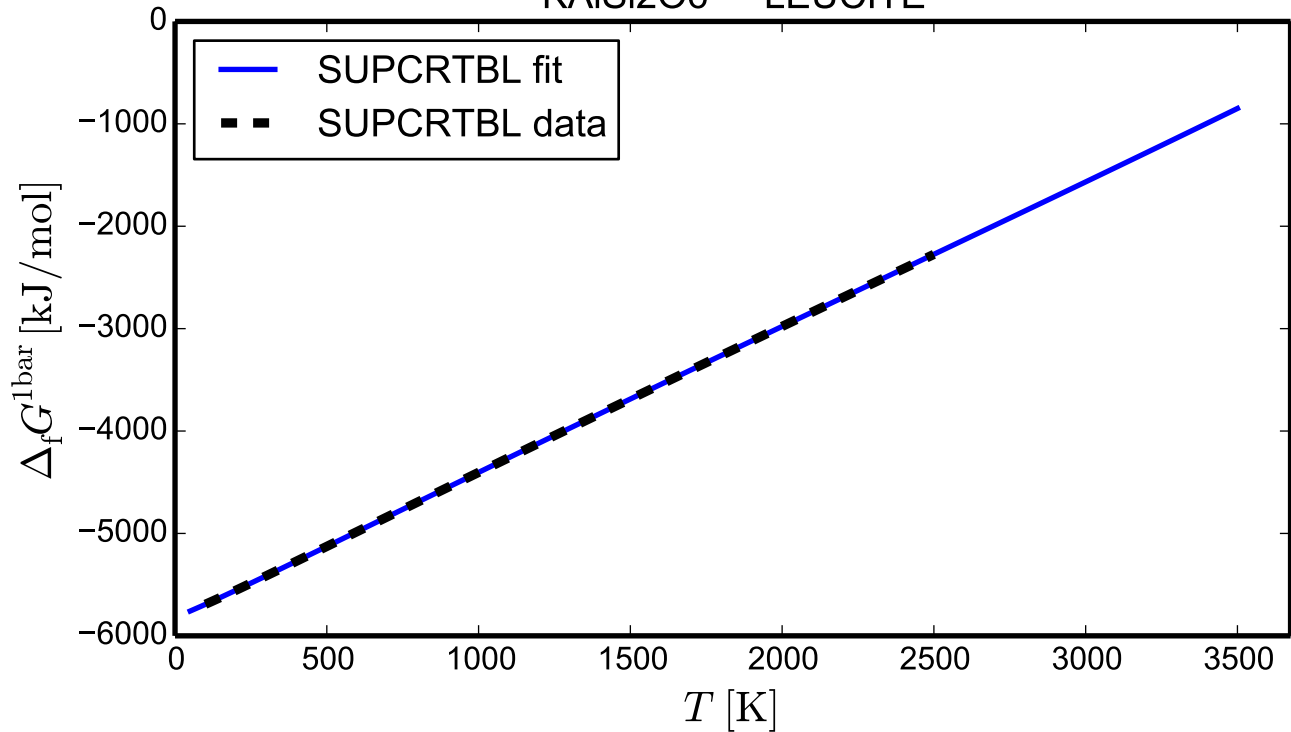
Ca5P3O13H - HYDROXYAPATITE



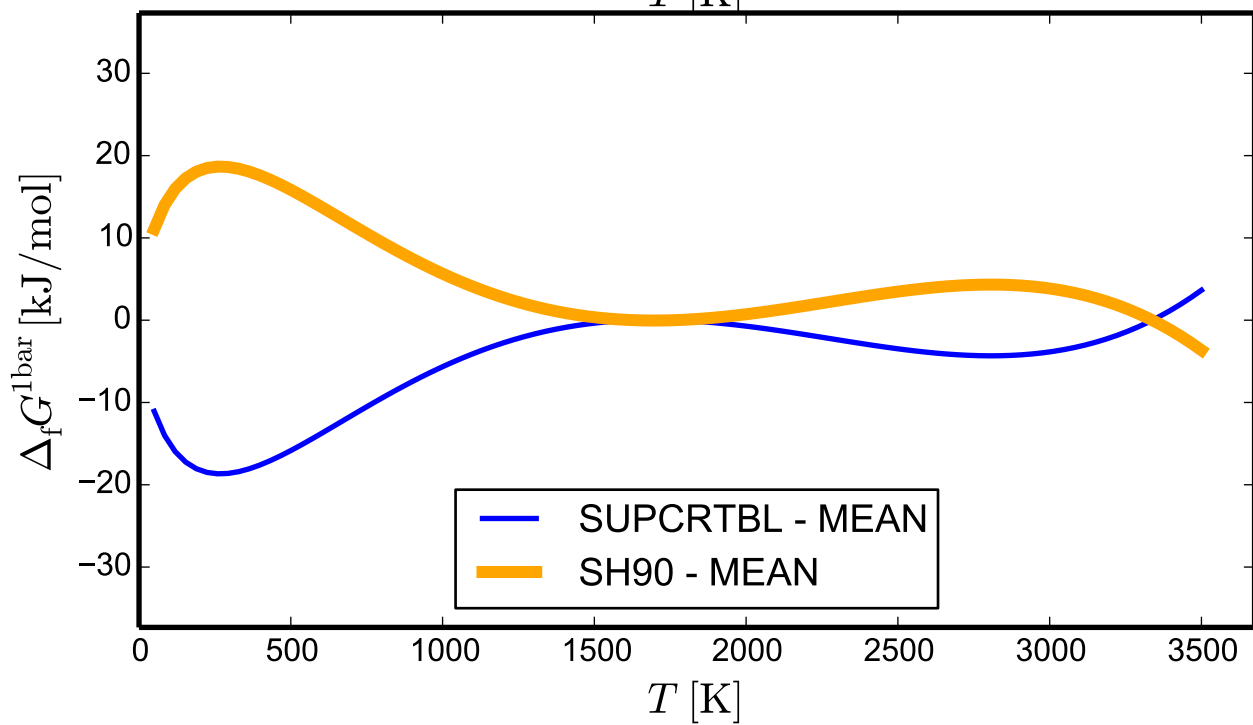
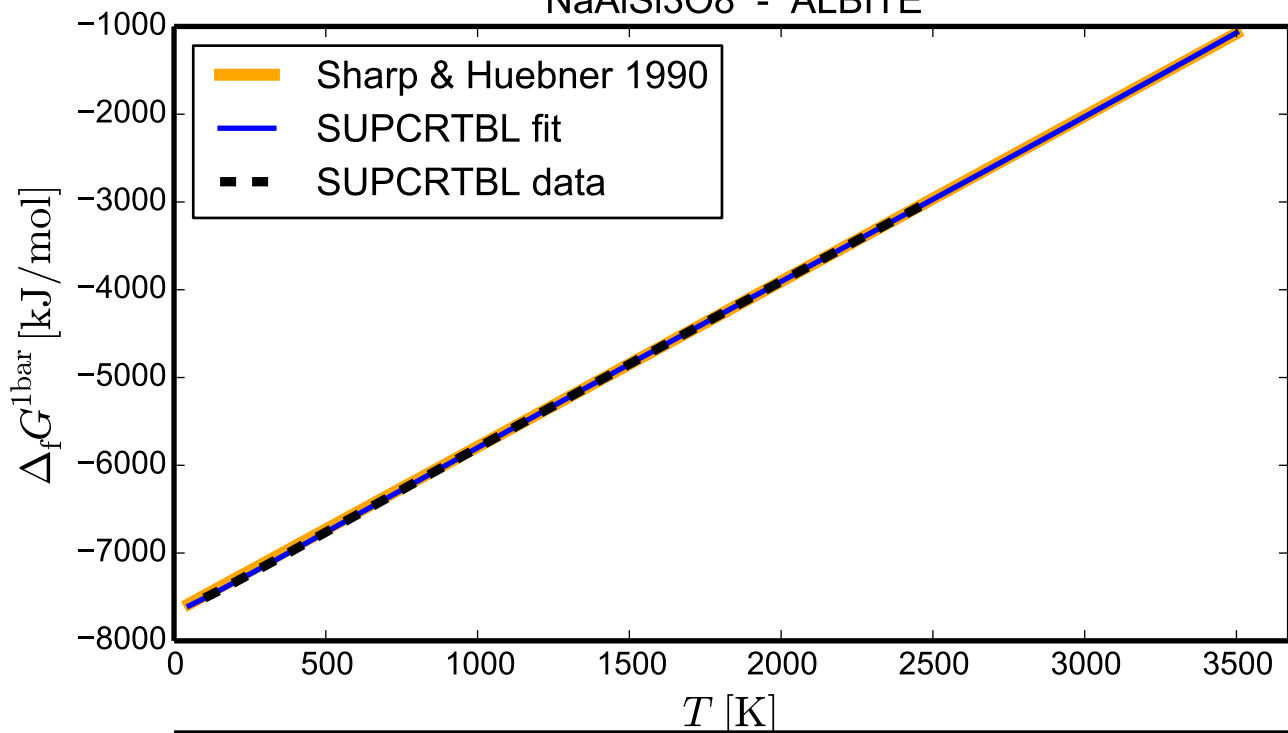
KAISiO4 - KALSILITE

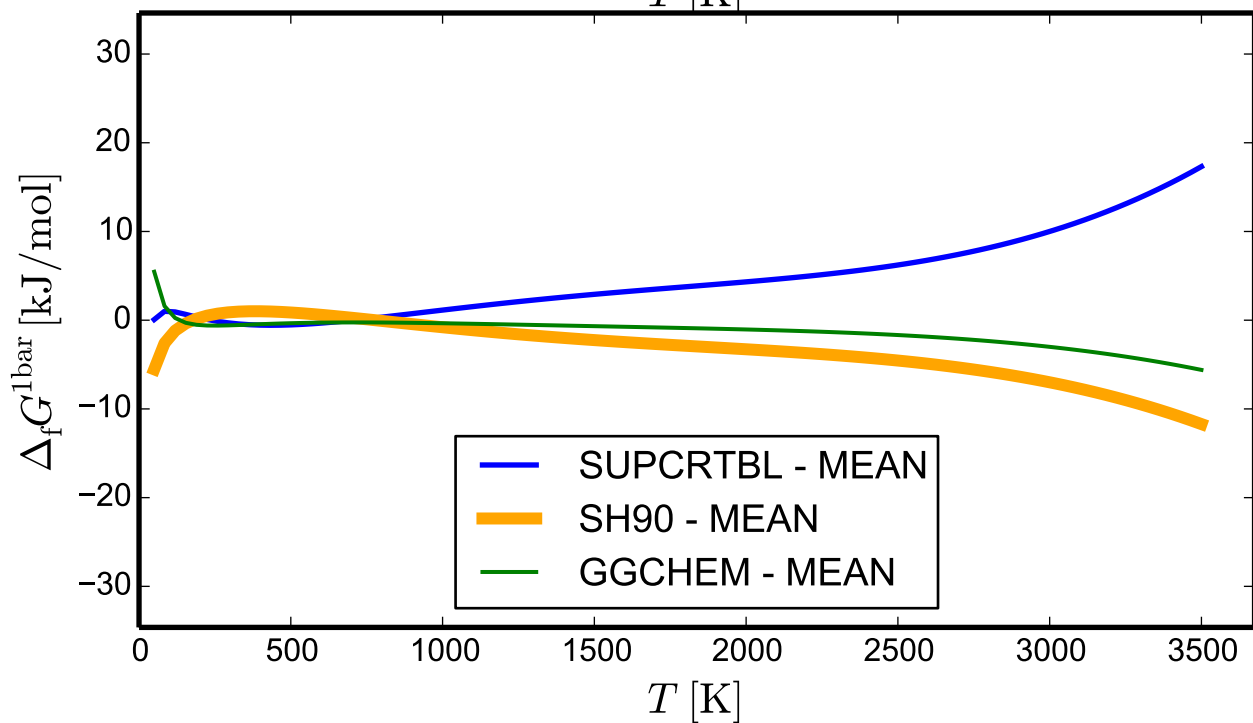
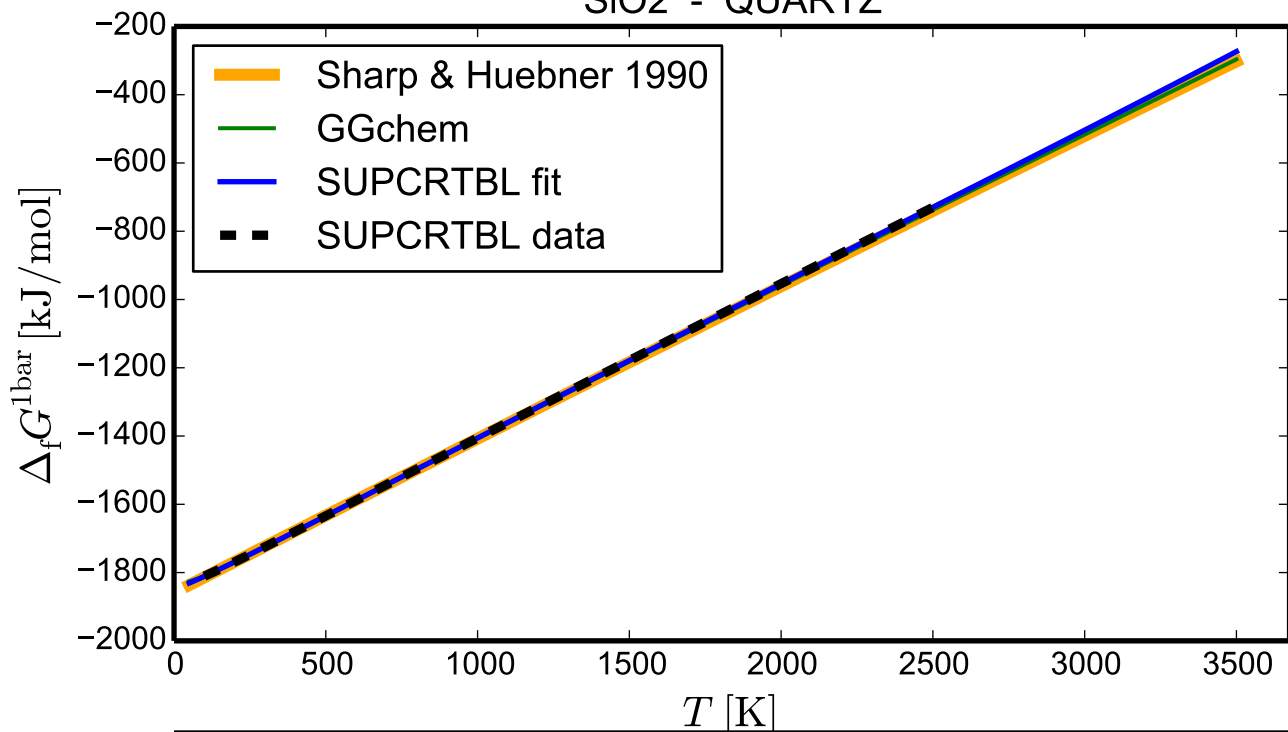


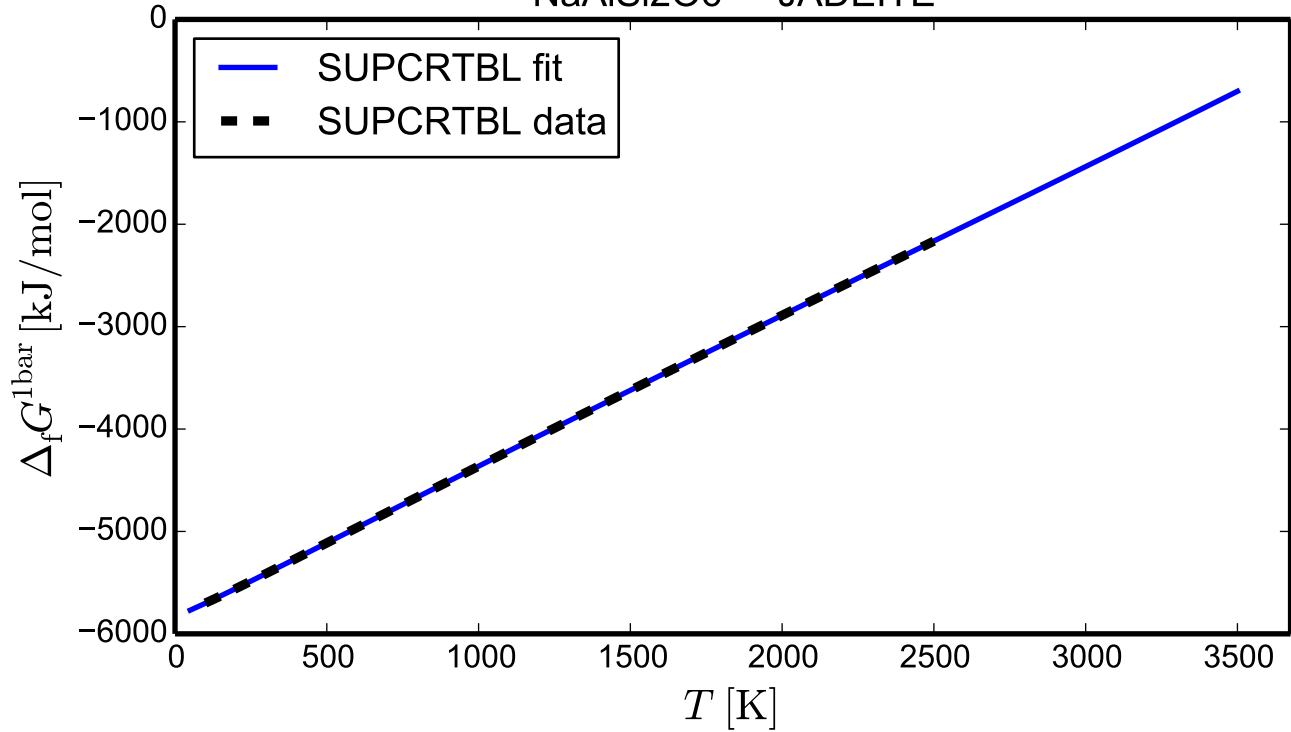
KAISi2O6 - LEUCITE



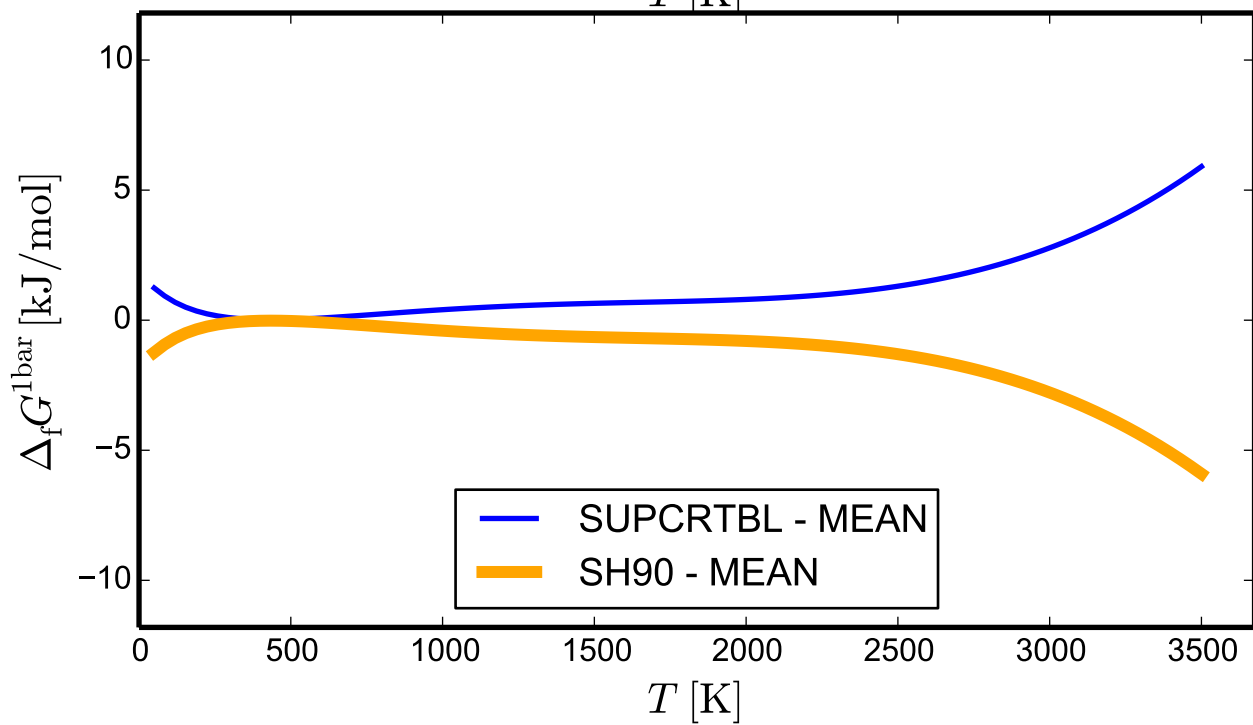
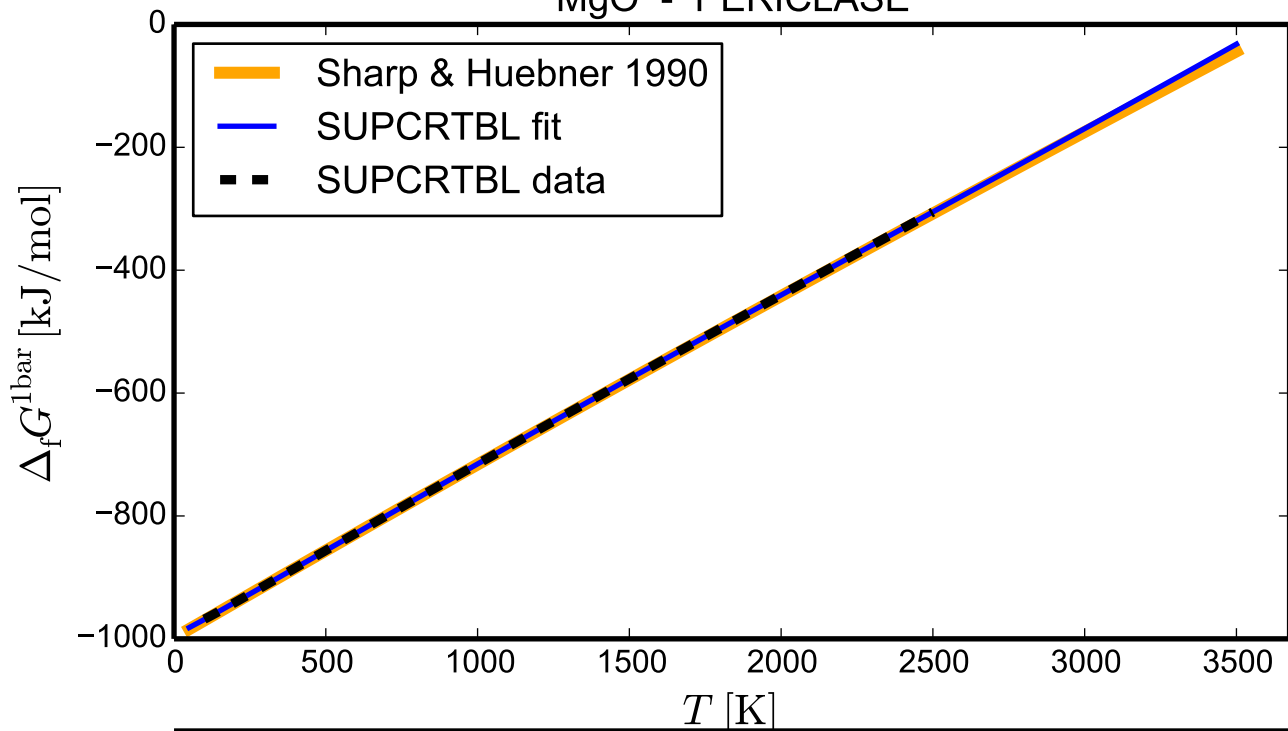
NaAlSi3O8 - ALBITE

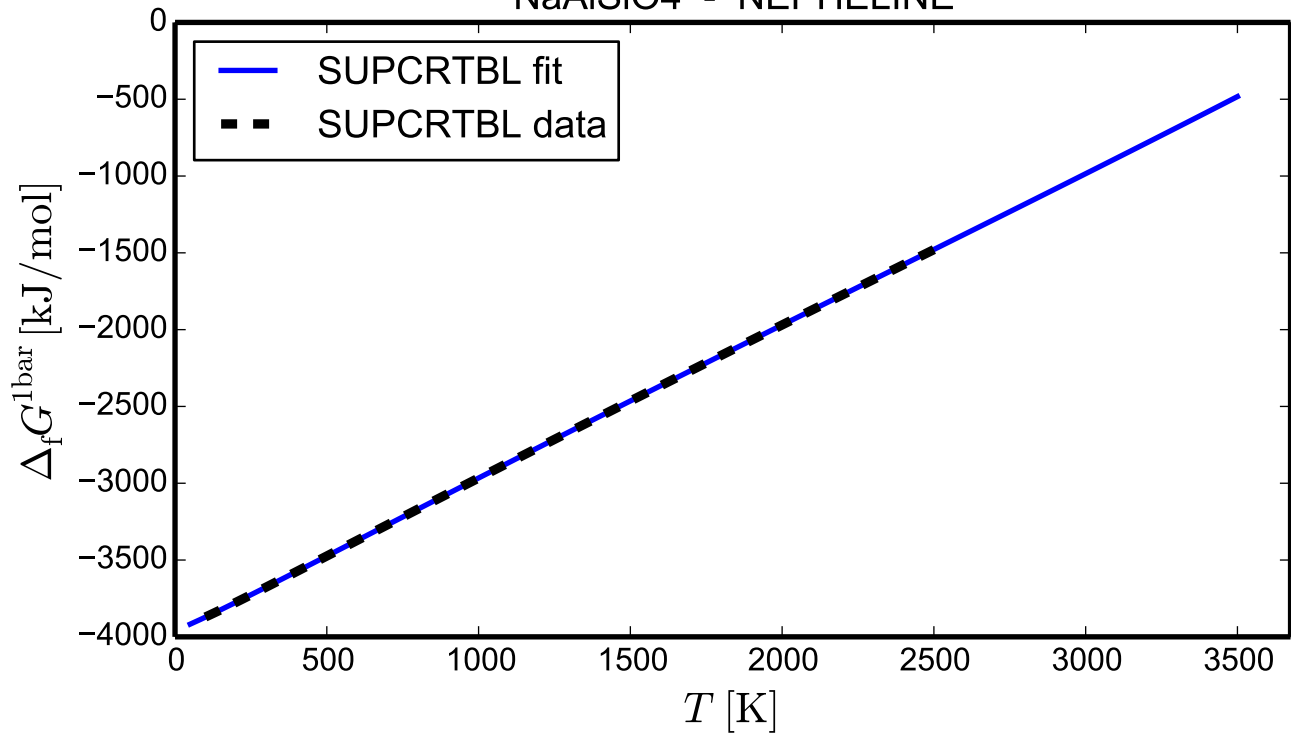


SiO₂ - QUARTZ

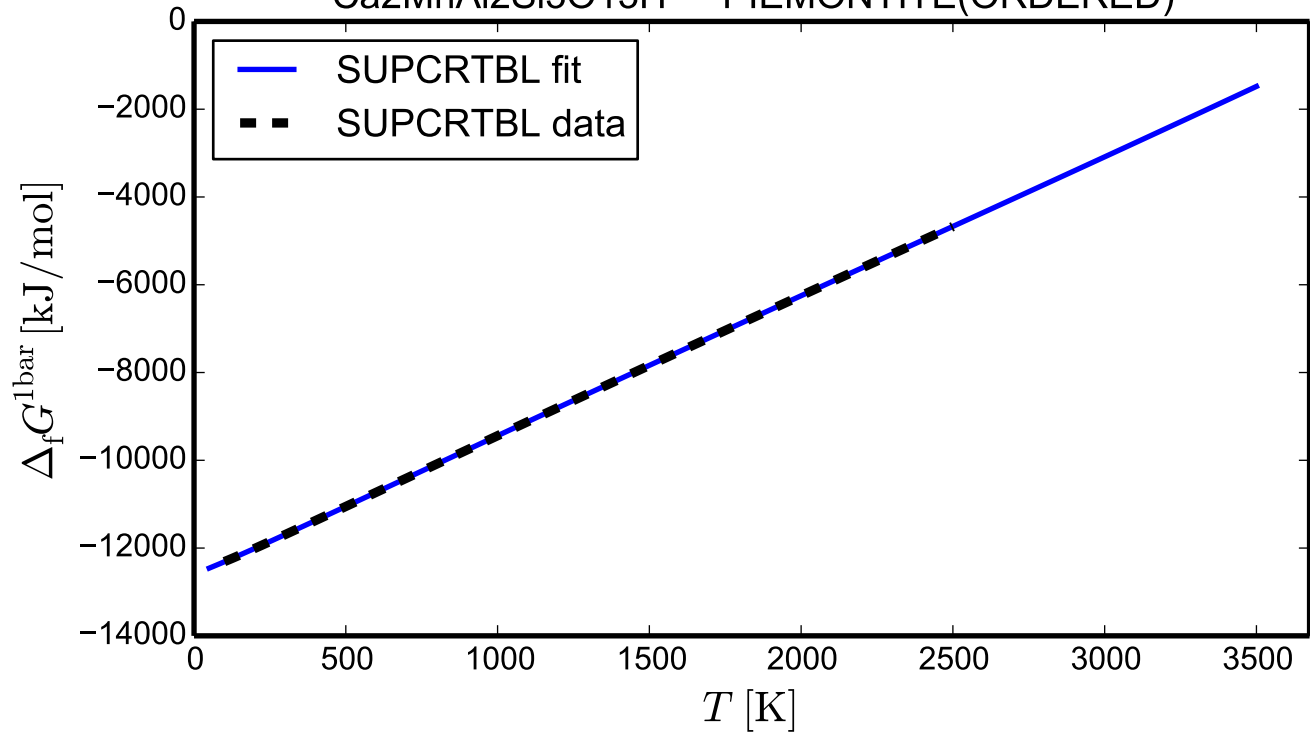
NaAlSi₂O₆ - JADEITE

MgO - PERICLASE

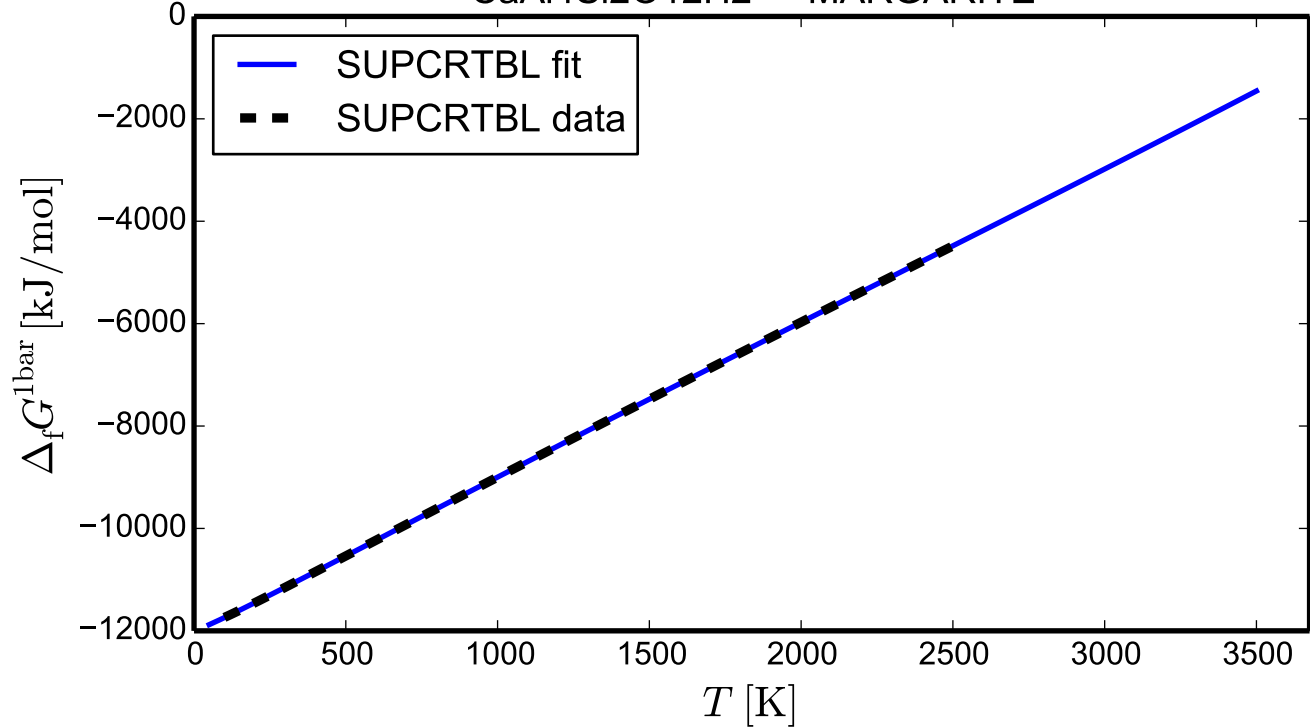


NaAlSiO₄ - NEPHELINE

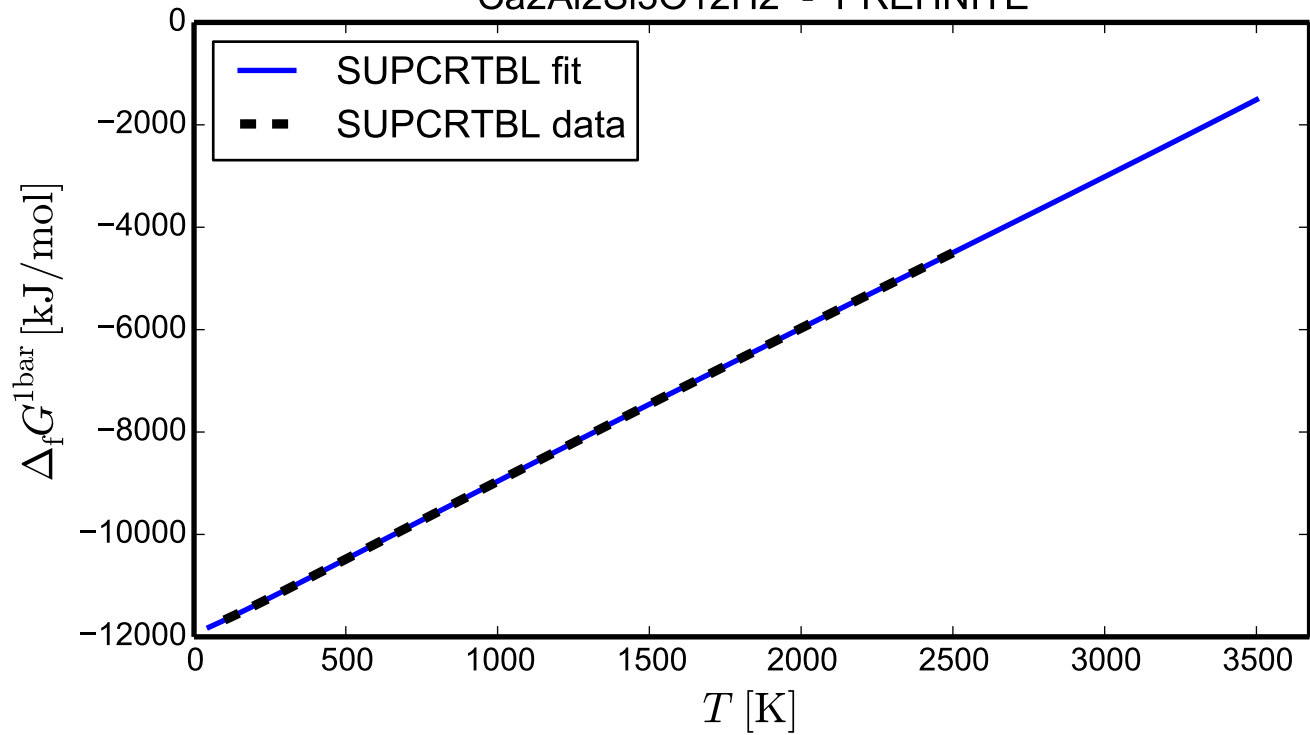
Ca2MnAl2Si3O13H - PIEMONTITE(ORDERED)

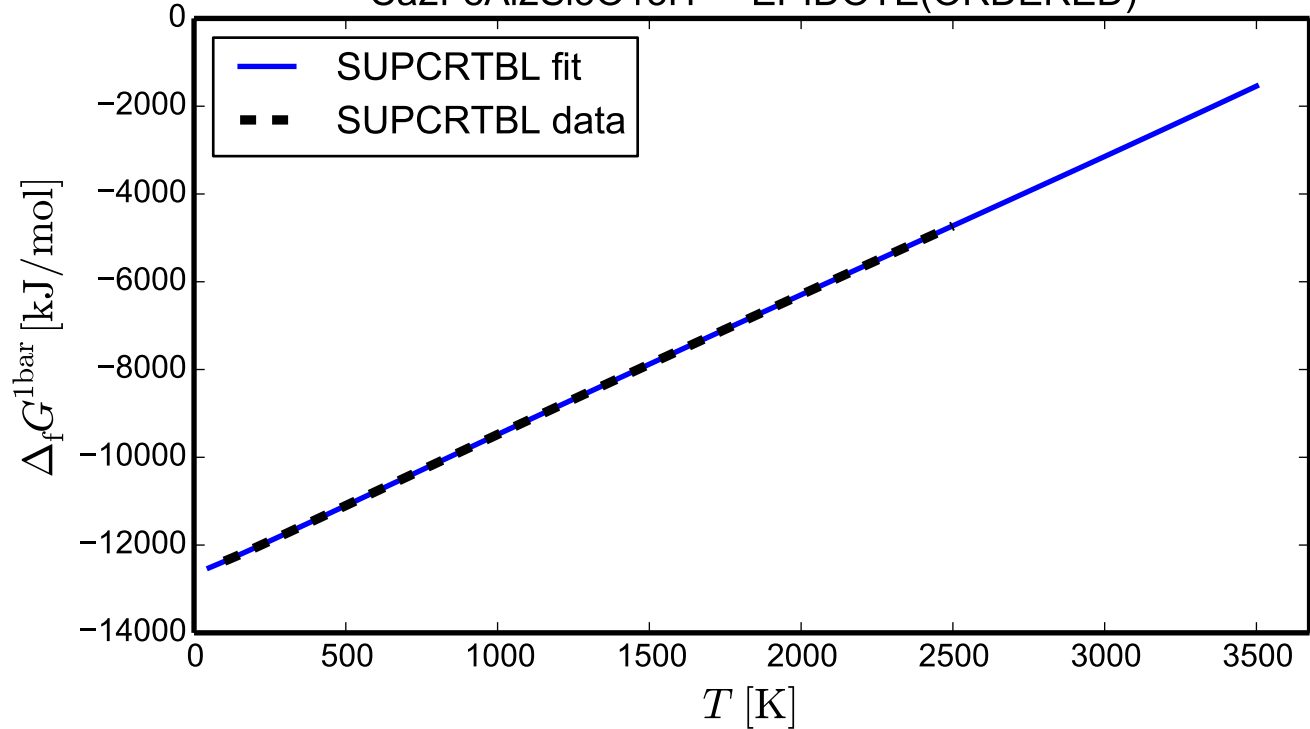


CaAl4Si2O12H2 - MARGARITE

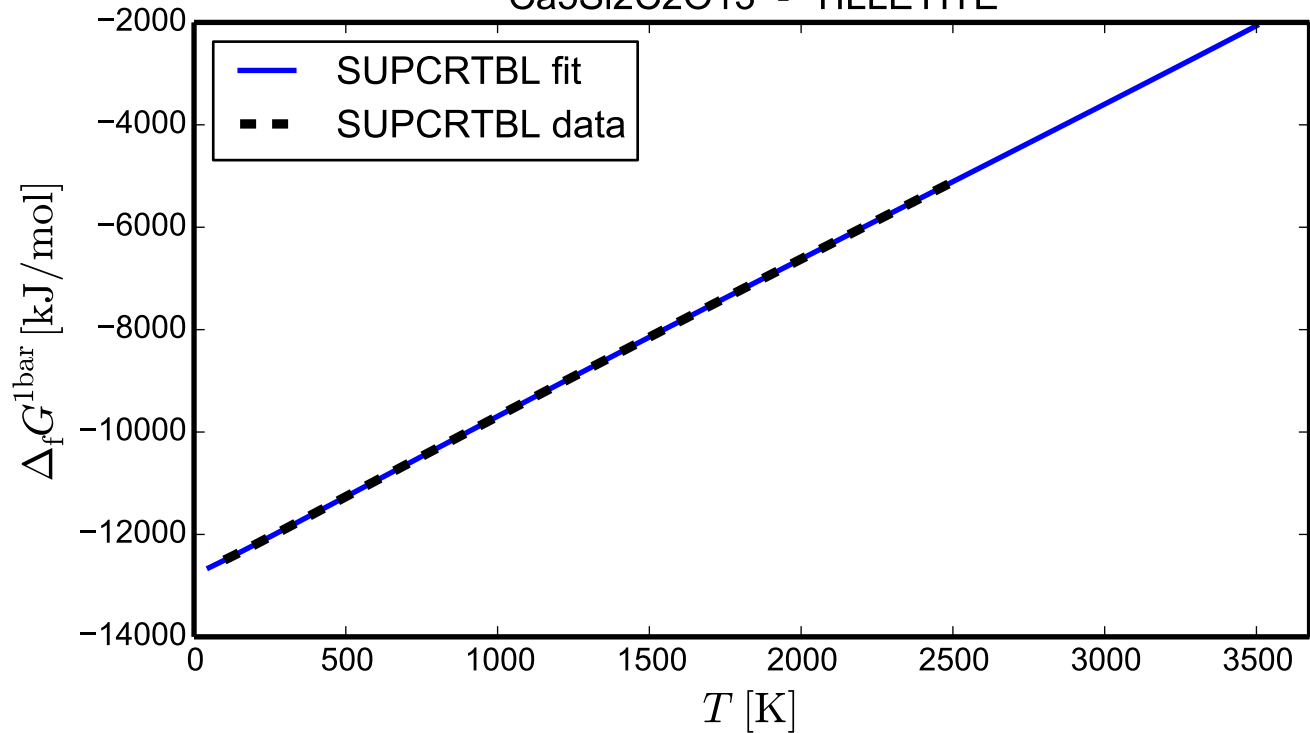


Ca2Al2Si3O12H2 - PREHNITE

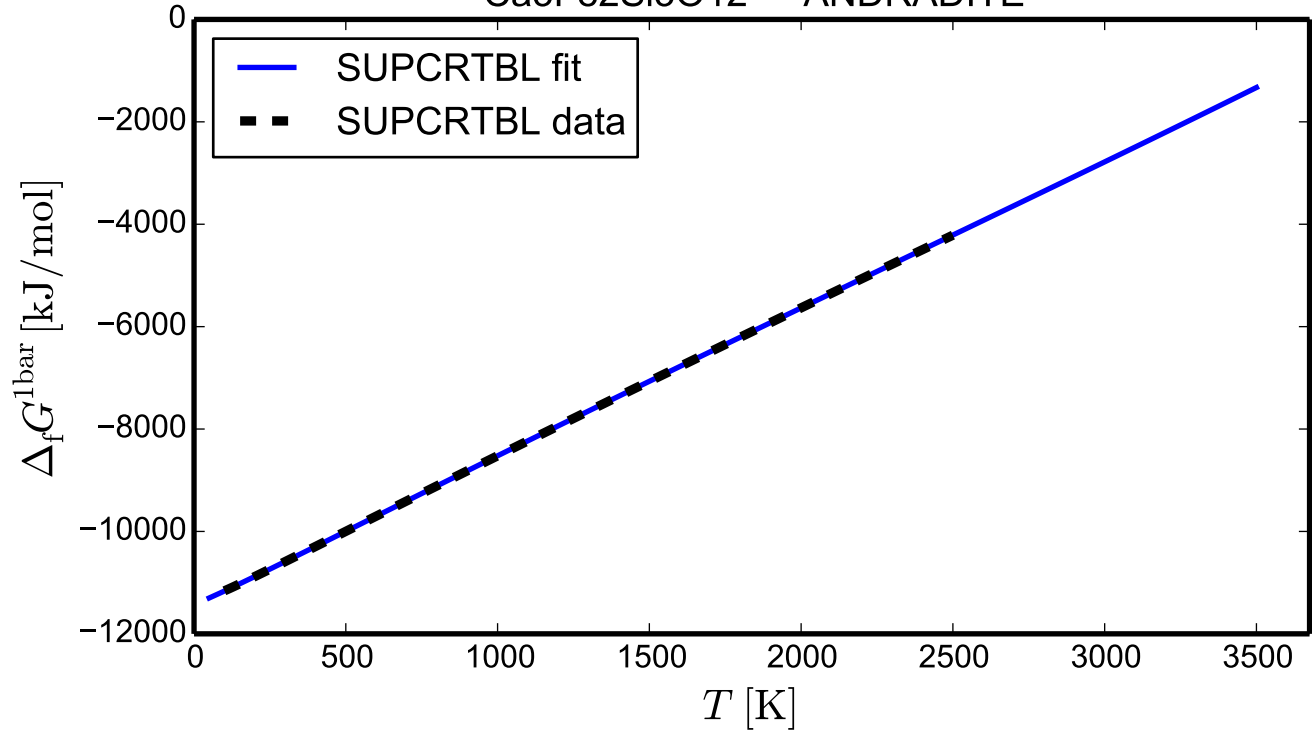


Ca₂FeAl₂Si₃O₁₃H - EPIDOTE(ORDERED)

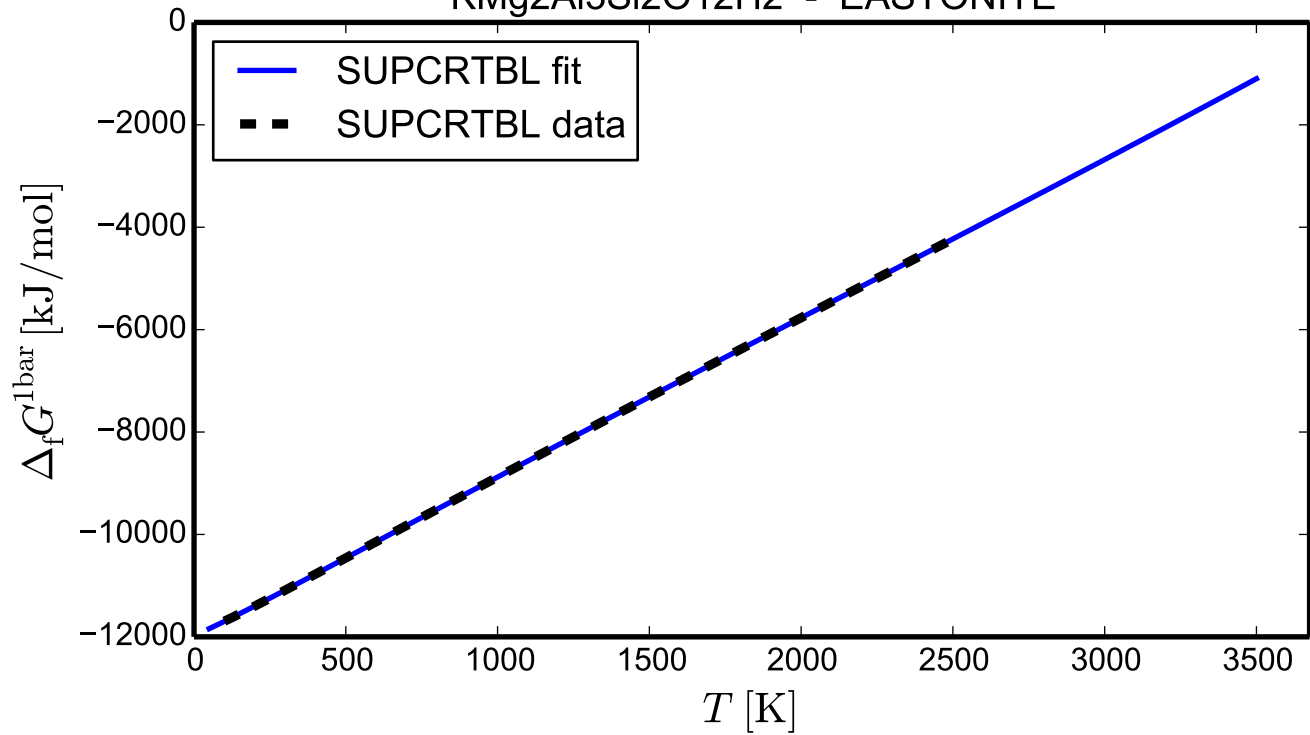
Ca5Si2C2O13 - TILLEYITE



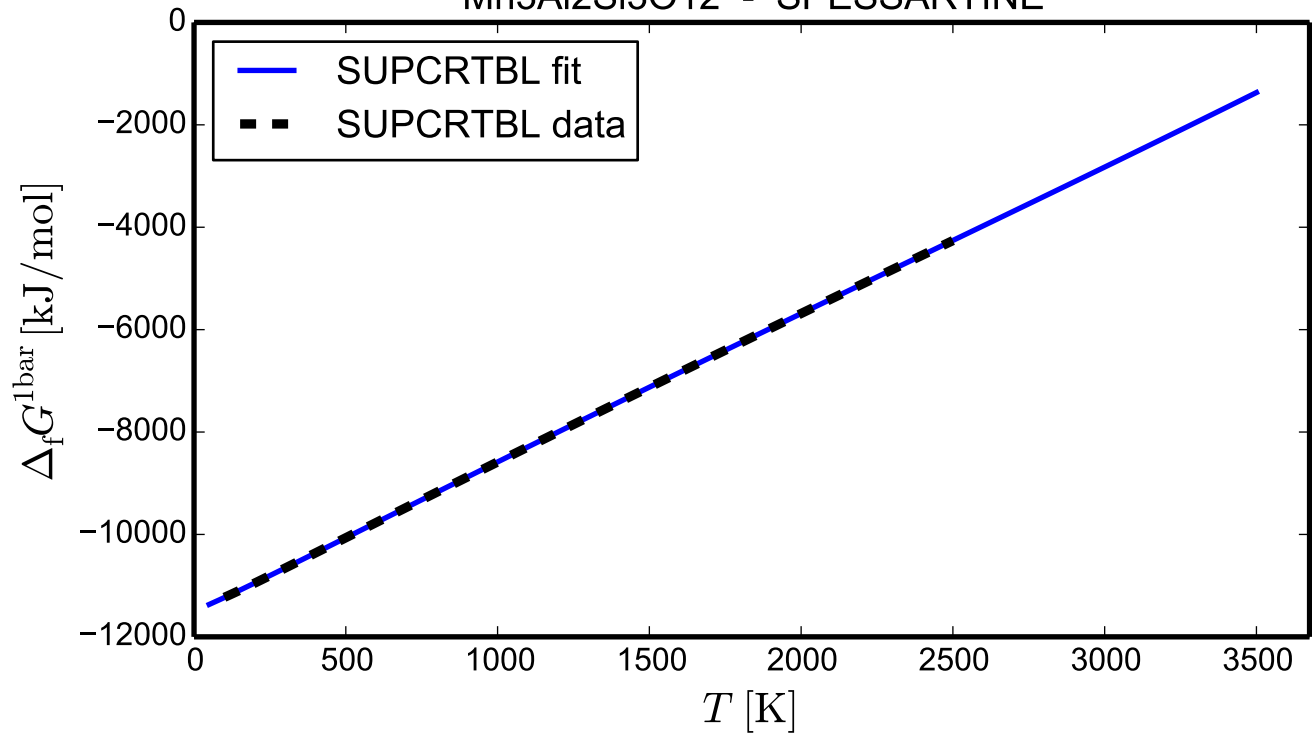
Ca3Fe2Si3O12 - ANDRADITE



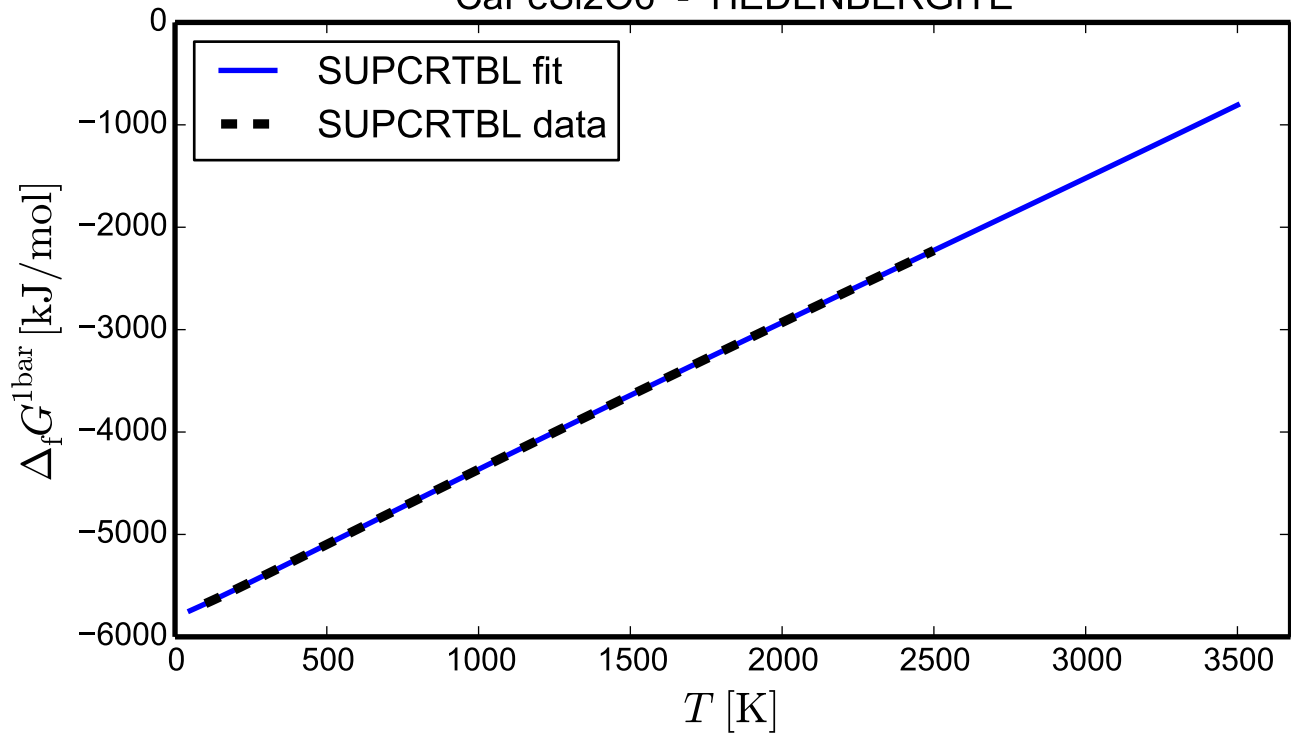
KMg2Al3Si2O12H2 - EASTONITE



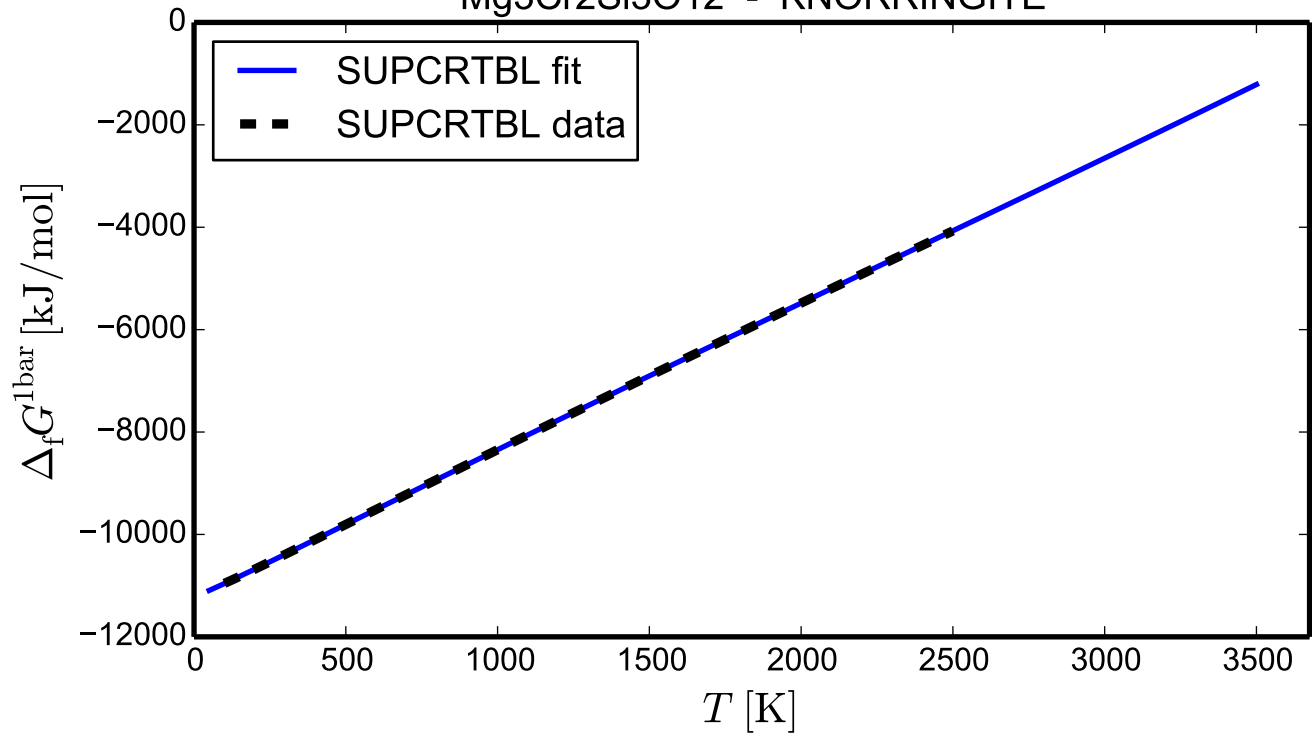
Mn3Al2Si3O12 - SPESSARTINE



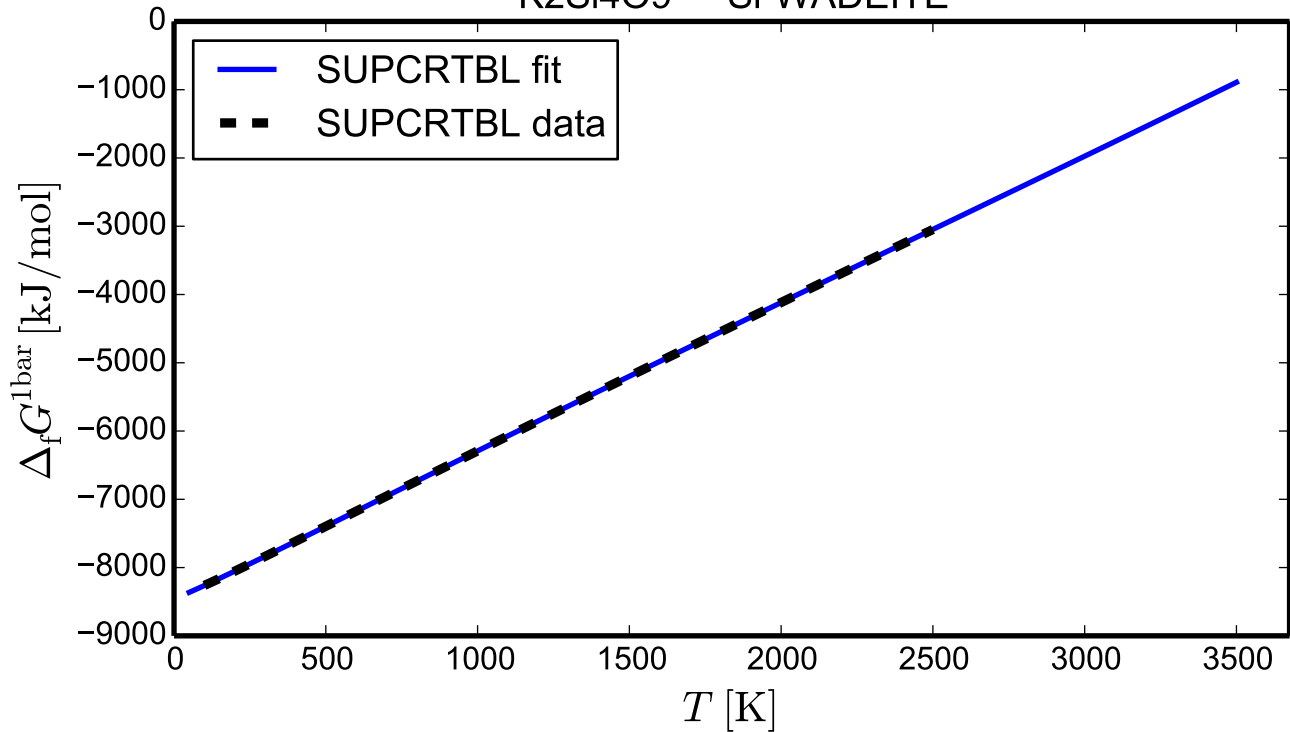
CaFeSi2O6 - HEDENBERGITE

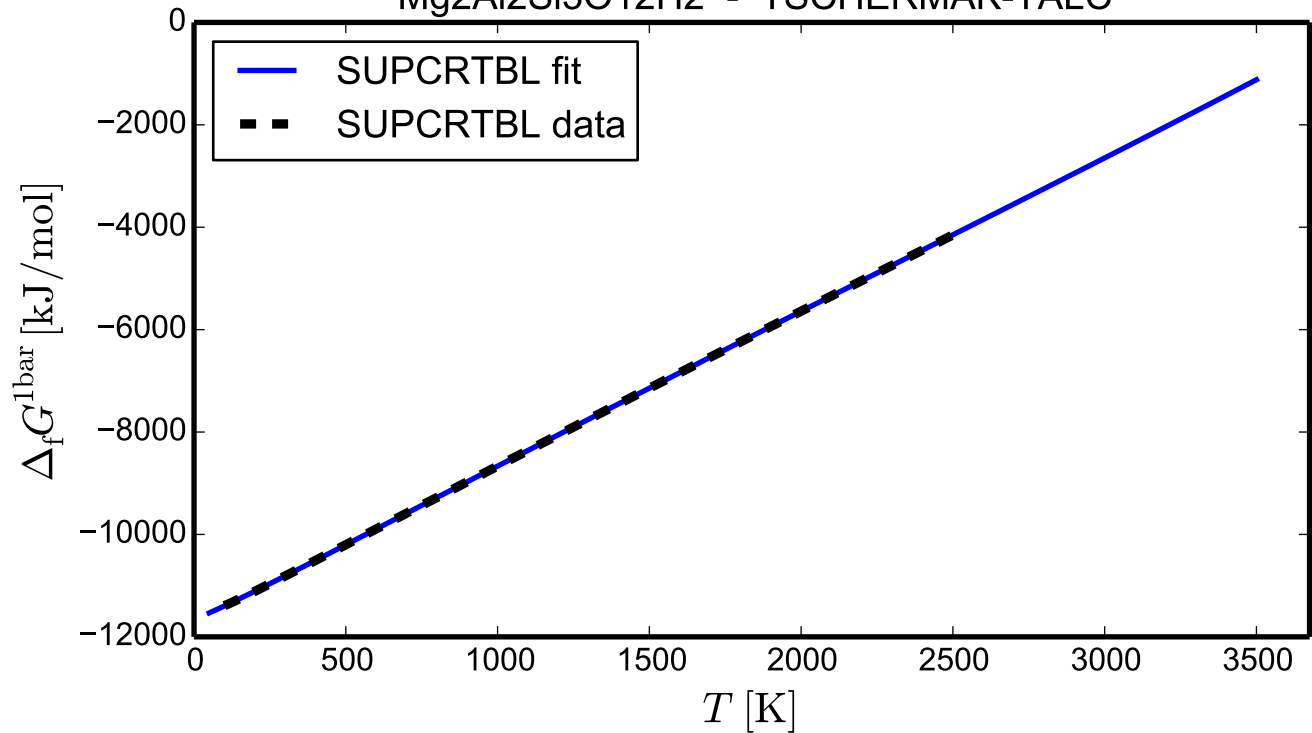


Mg3Cr2Si3O12 - KNORRINGITE

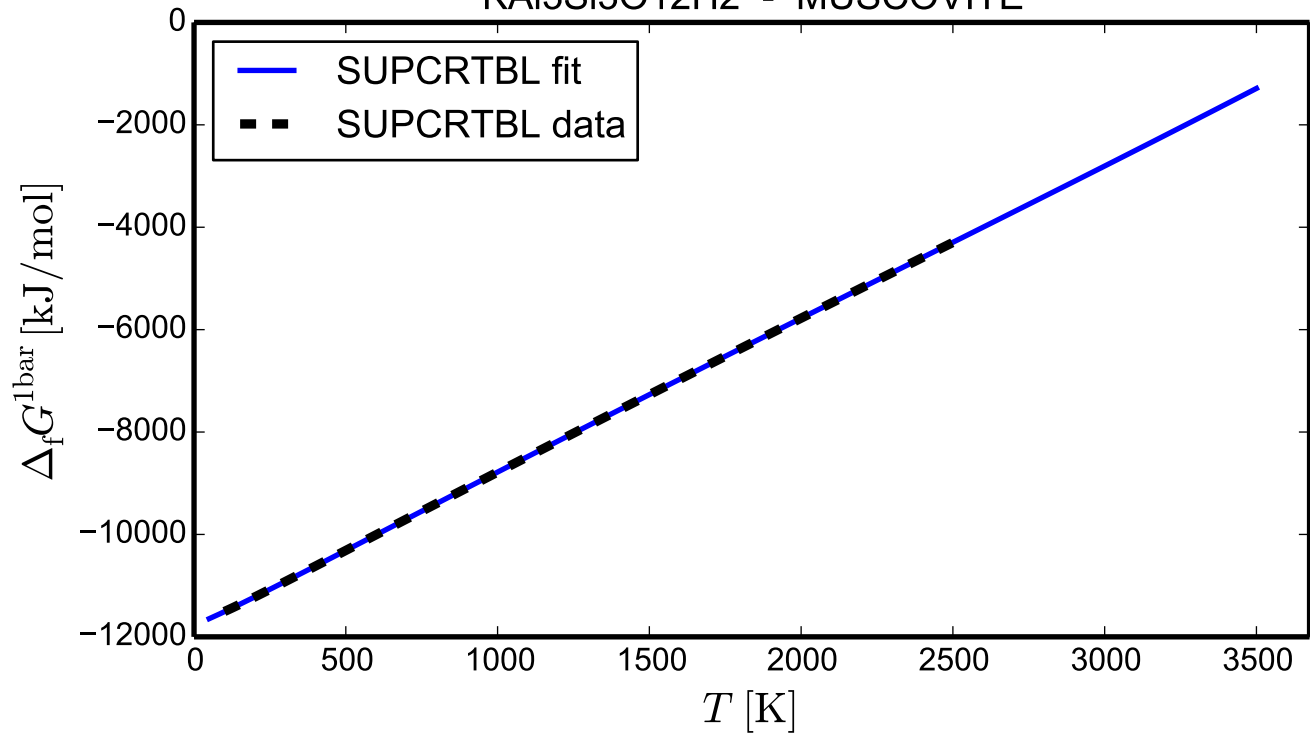


K2Si4O9 - Si-WADEITE

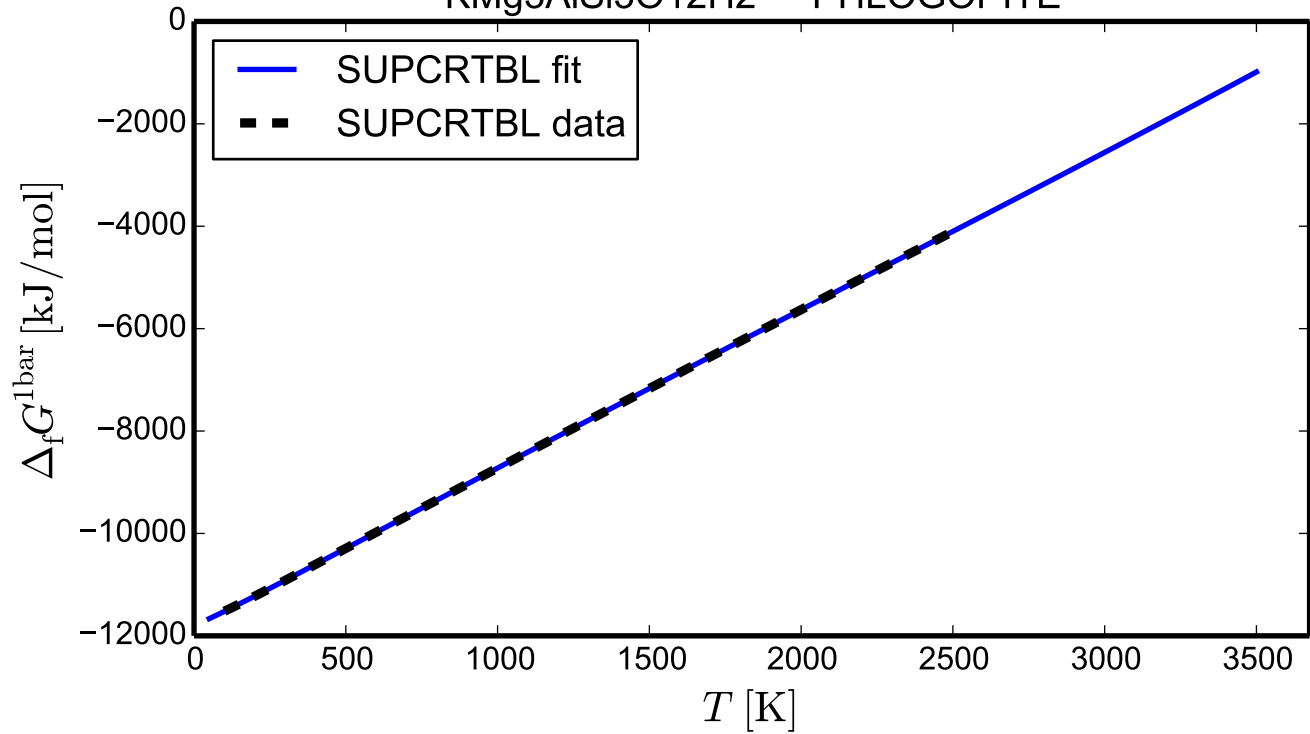


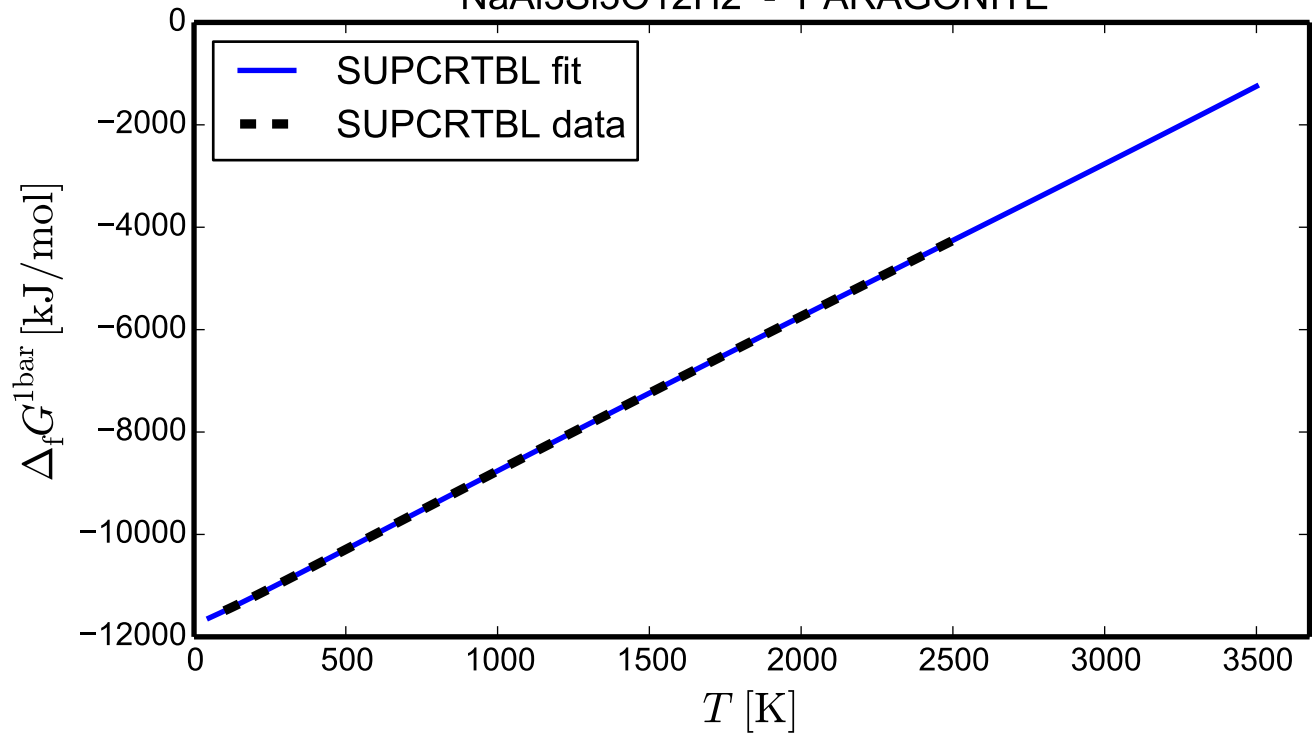
Mg₂Al₂Si₃O₁₂H₂ - TSCHERMAK-TALC

KAl3Si3O12H2 - MUSCOVITE

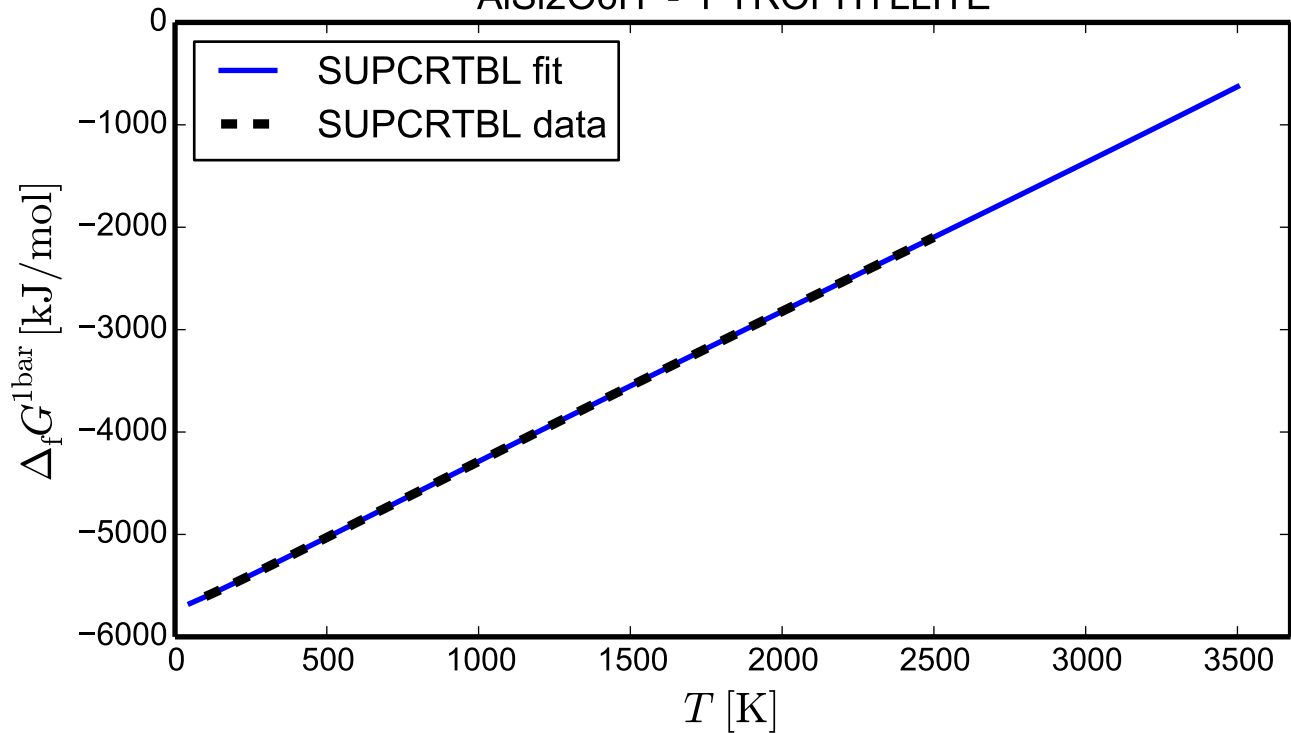


KMg3AlSi3O12H2 - PHLOGOPITE

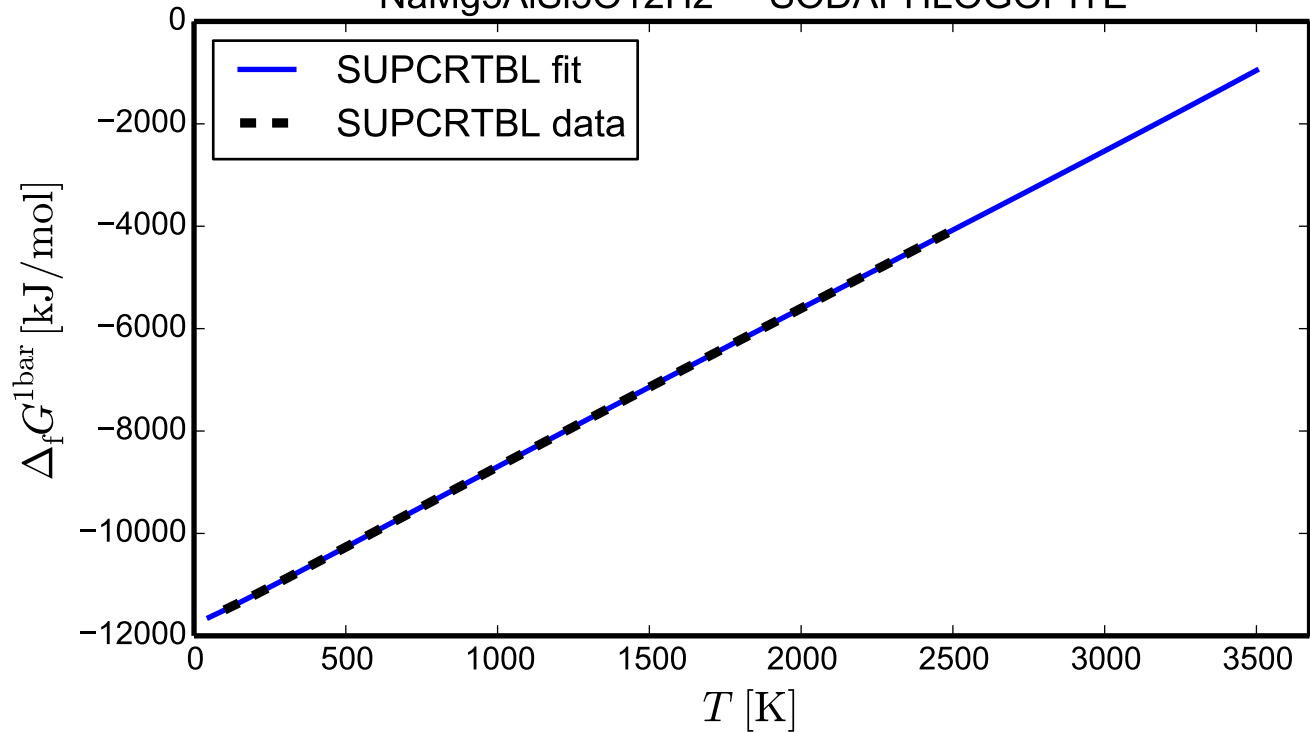


NaAl₃Si₃O₁₂H₂ - PARAGONITE

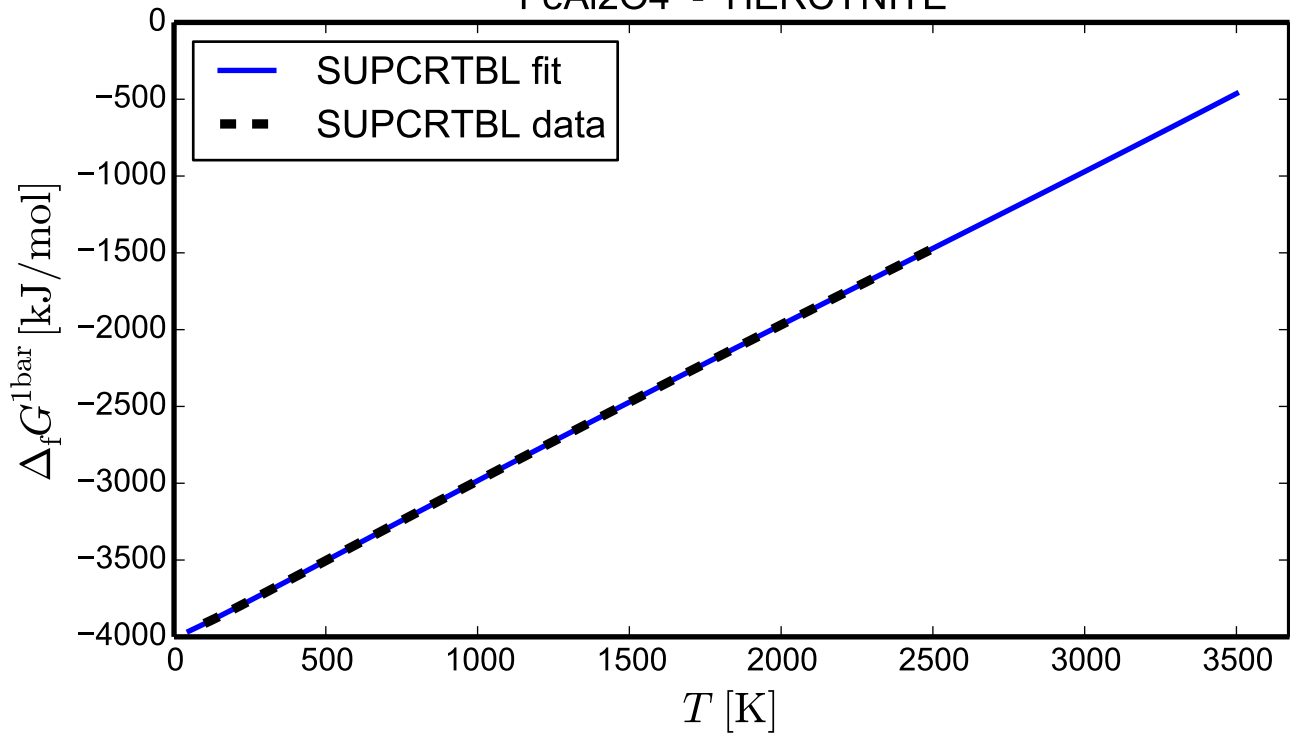
AlSi2O6H - PYROPHYLLITE



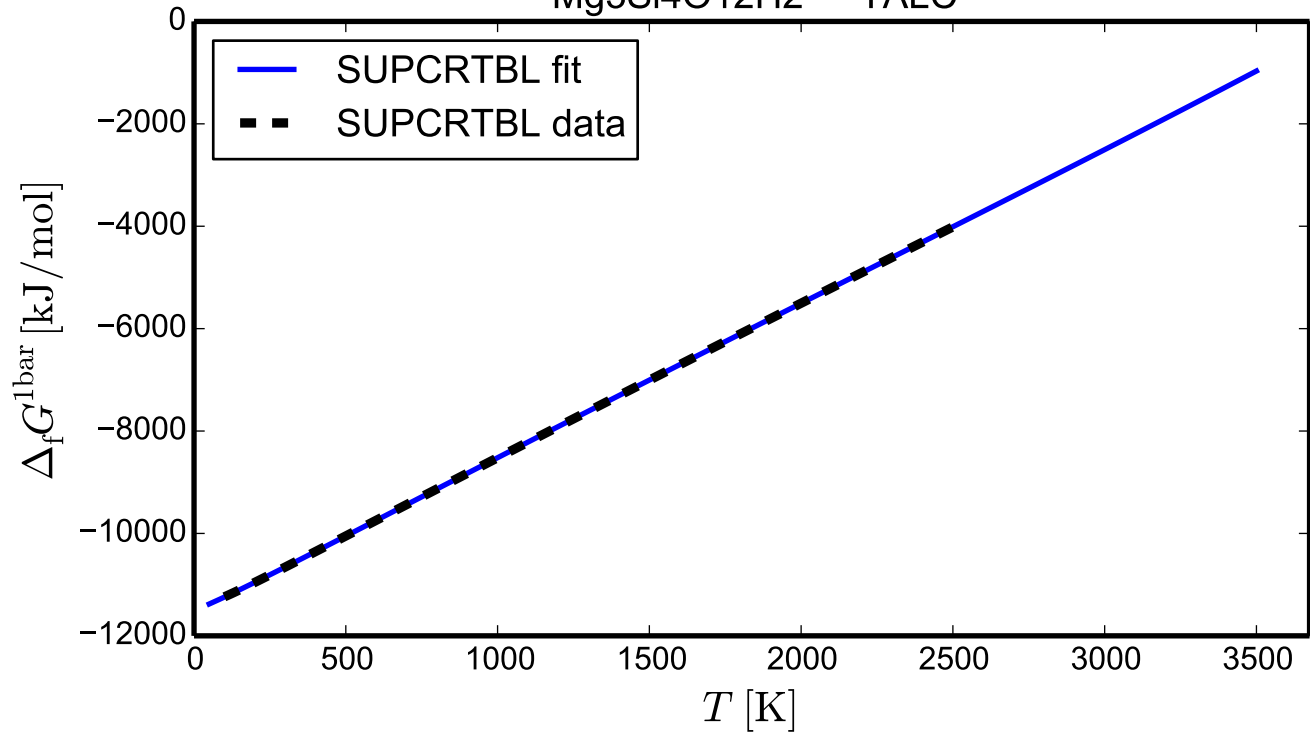
NaMg3AlSi3O12H2 - SODAPHLOGOPITE



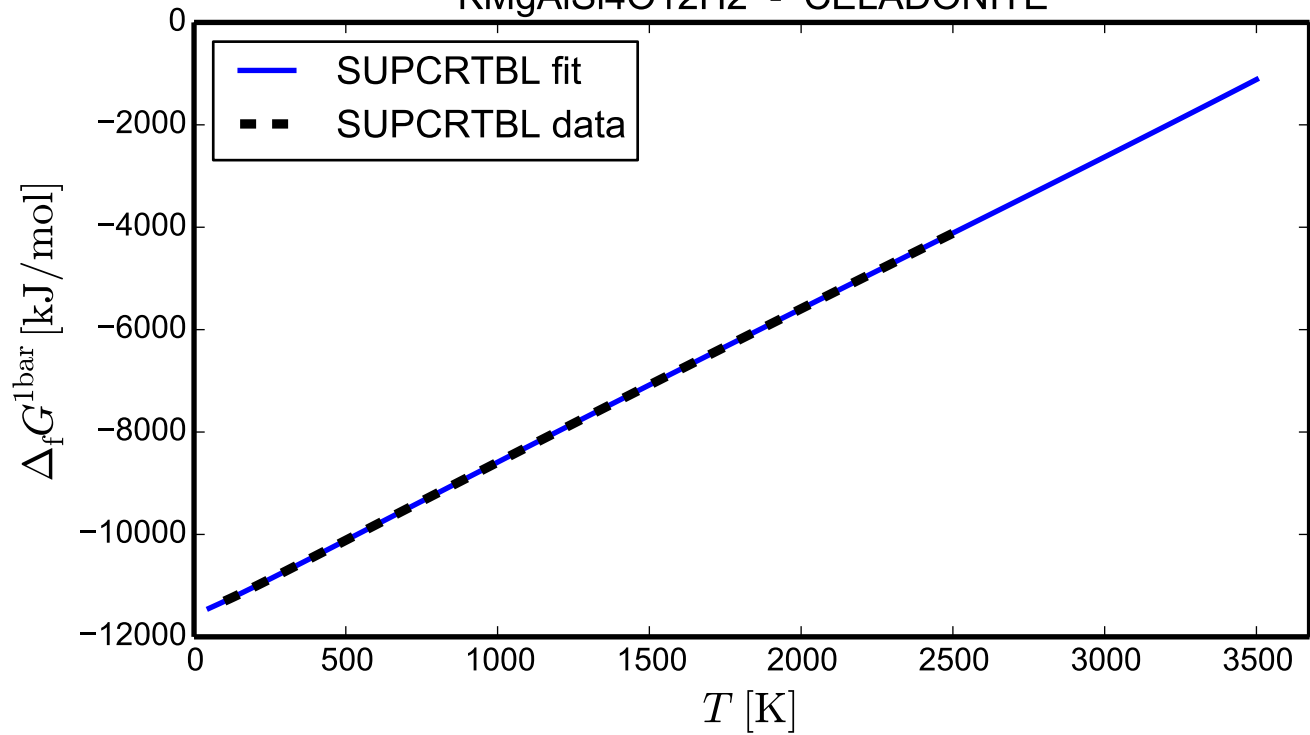
FeAl2O4 - HERCYNITE



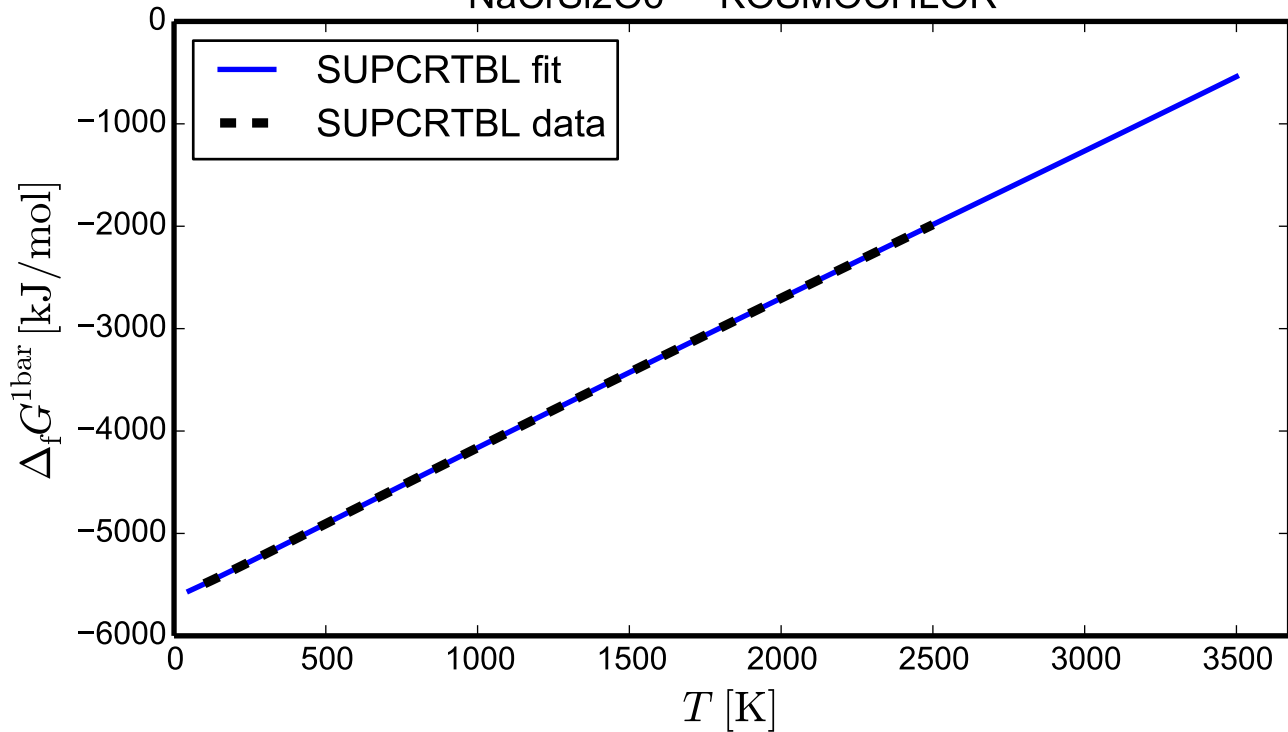
Mg3Si4O12H2 - TALC

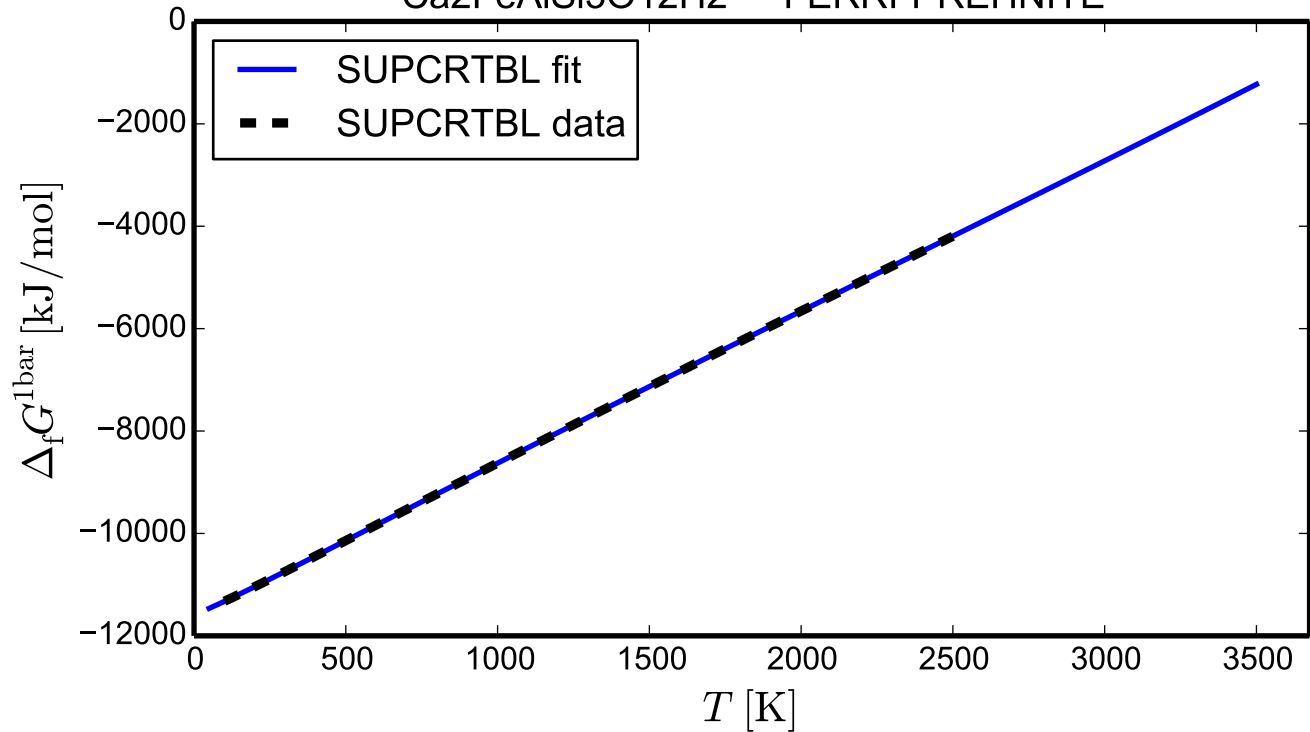


KMgAlSi4O12H2 - CELADONITE

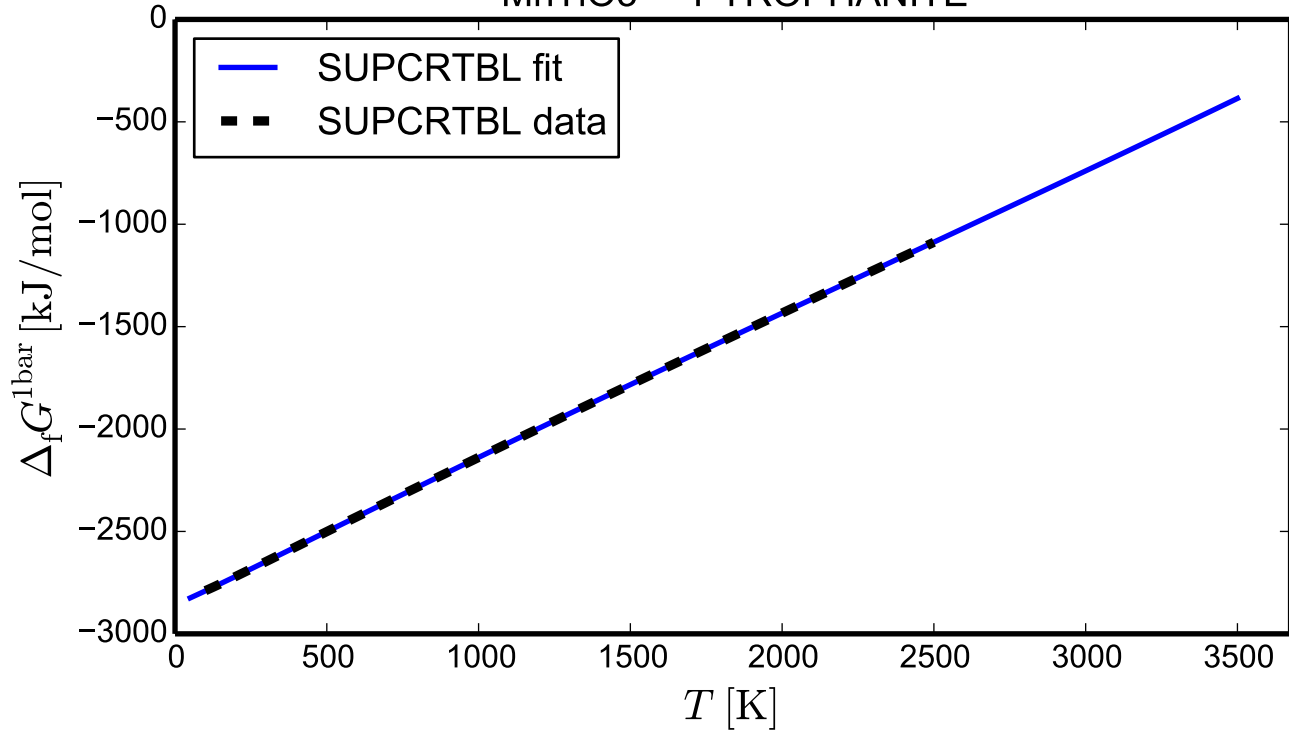


NaCrSi2O6 - KOSMOCHLOR

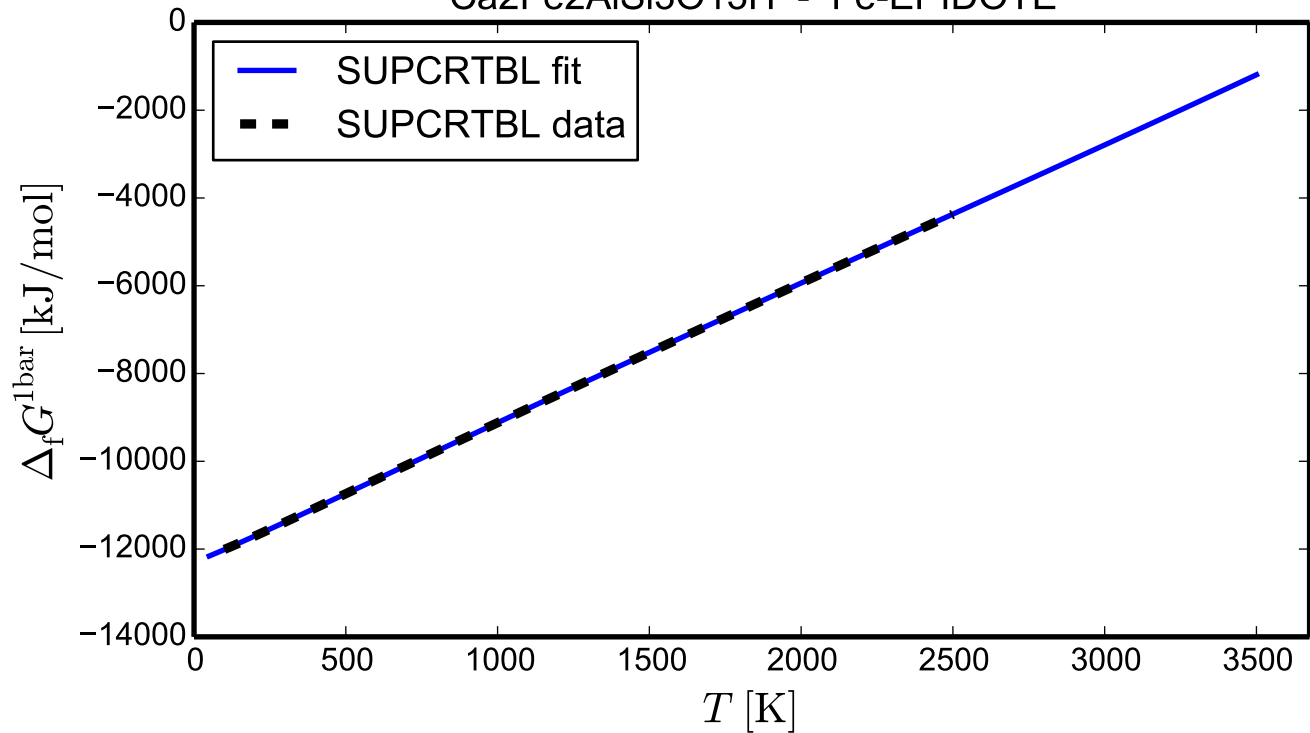


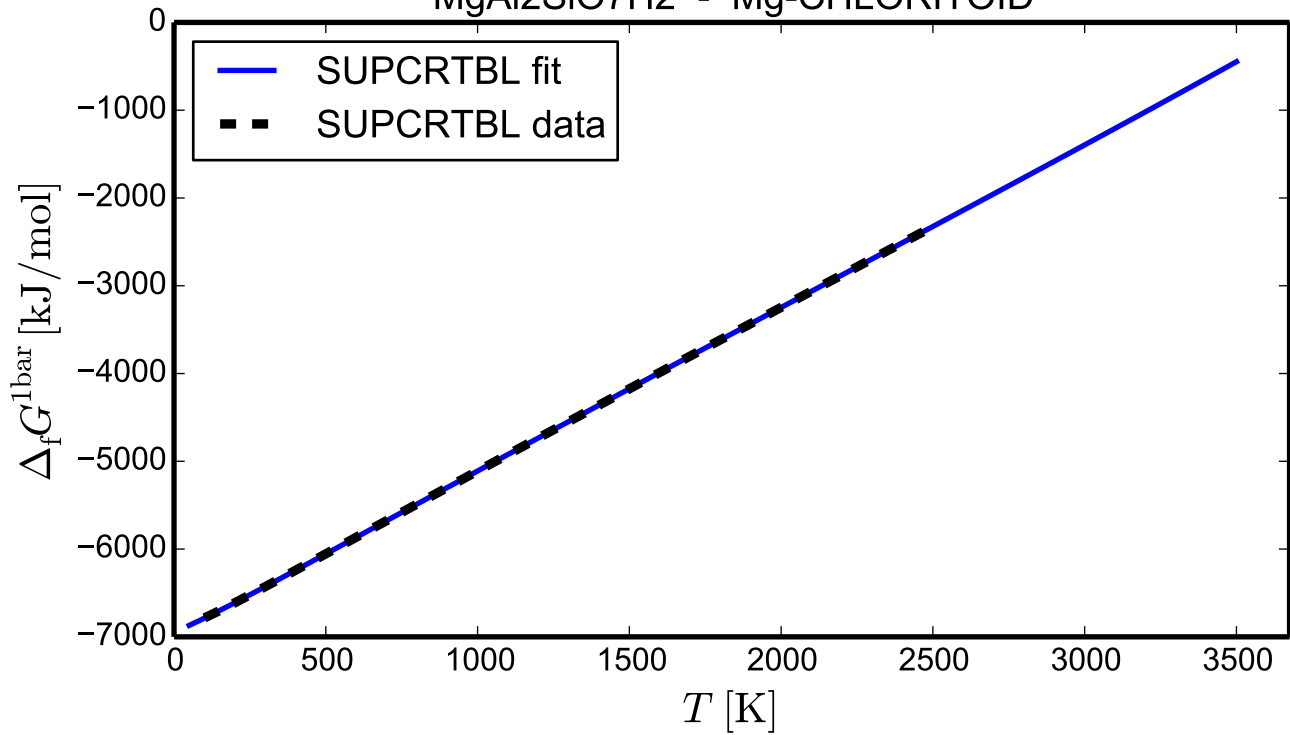
Ca₂FeAlSi₃O₁₂H₂ - FERRI-PREHNITE

MnTiO3 - PYROPHANITE

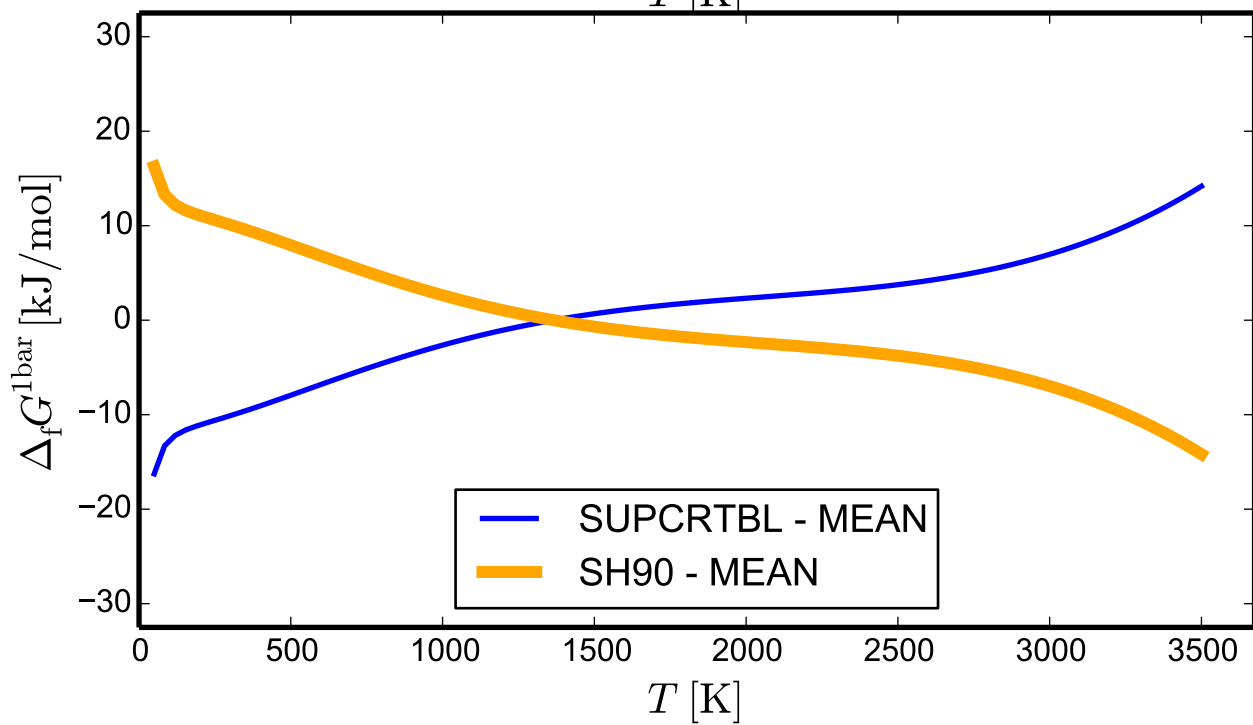
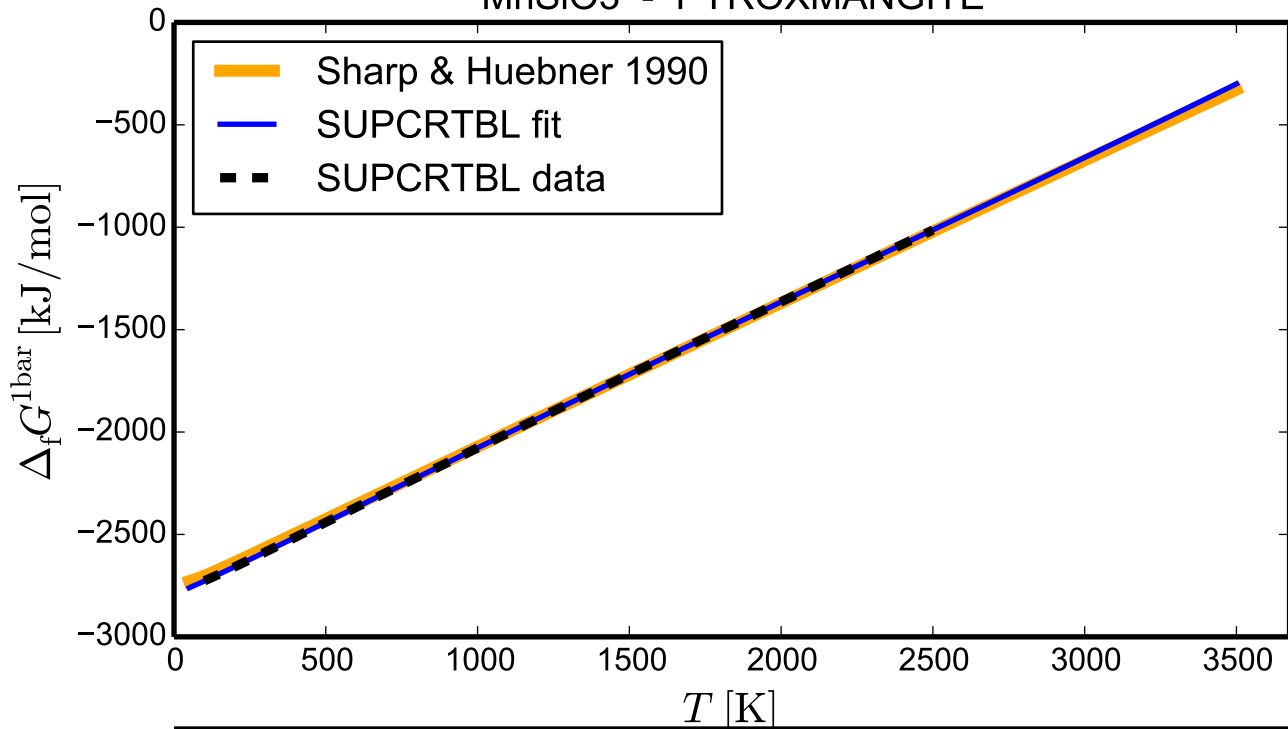


Ca2Fe2AlSi3O13H - Fe-EPIDOTE

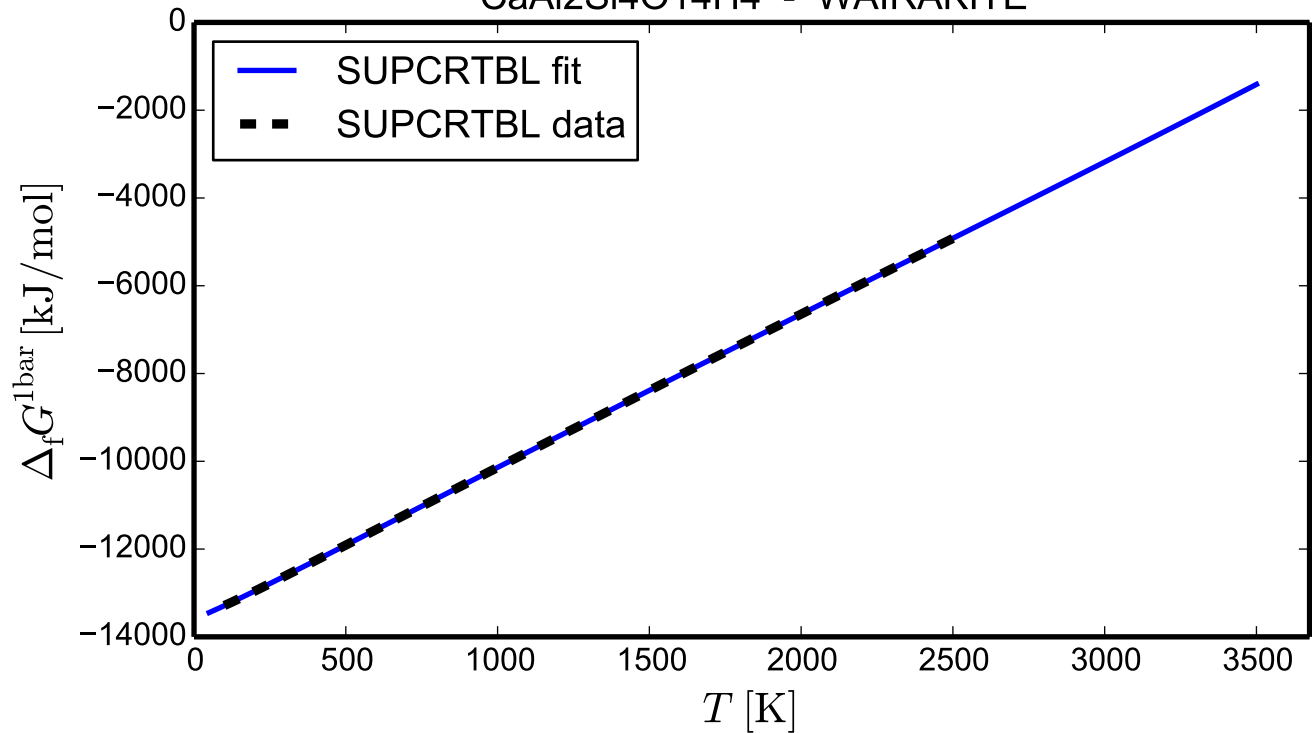


MgAl₂SiO₇H₂ - Mg-CHLORITOID

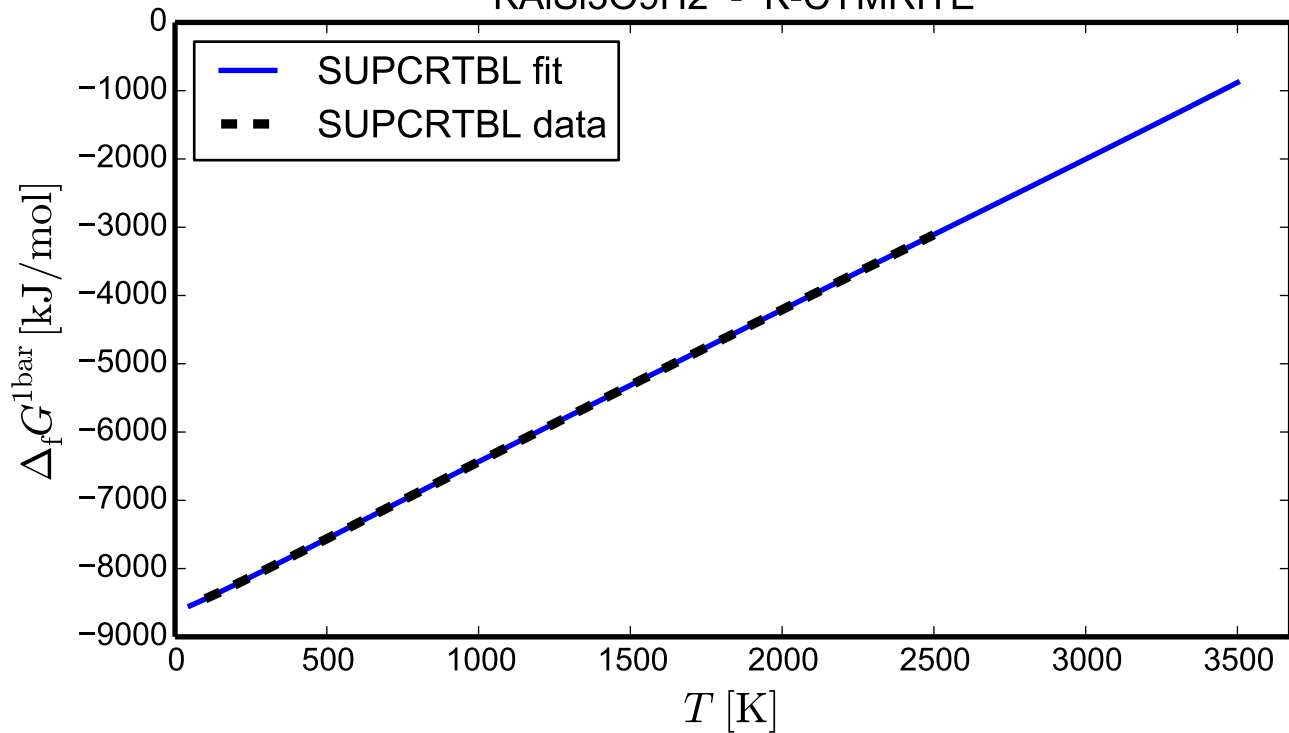
MnSiO₃ - PYROXMANGITE



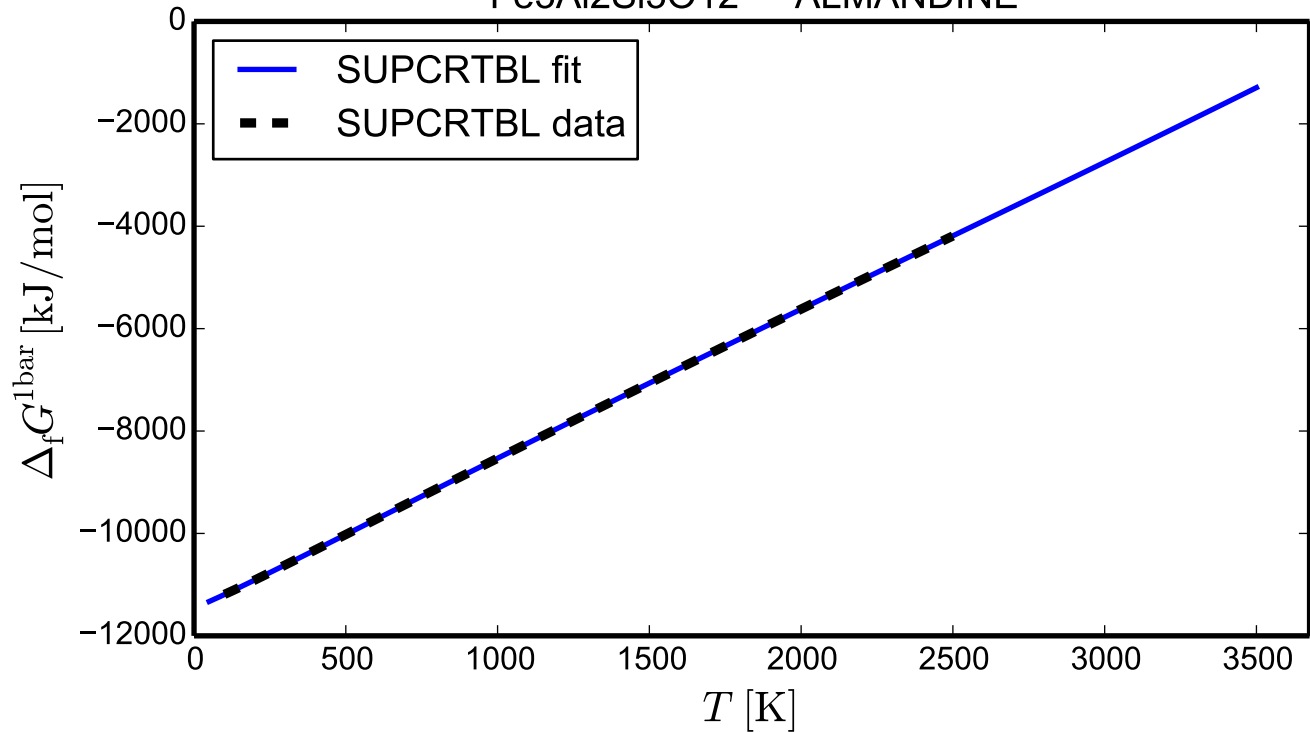
CaAl2Si4O14H4 - WAIRAKITE

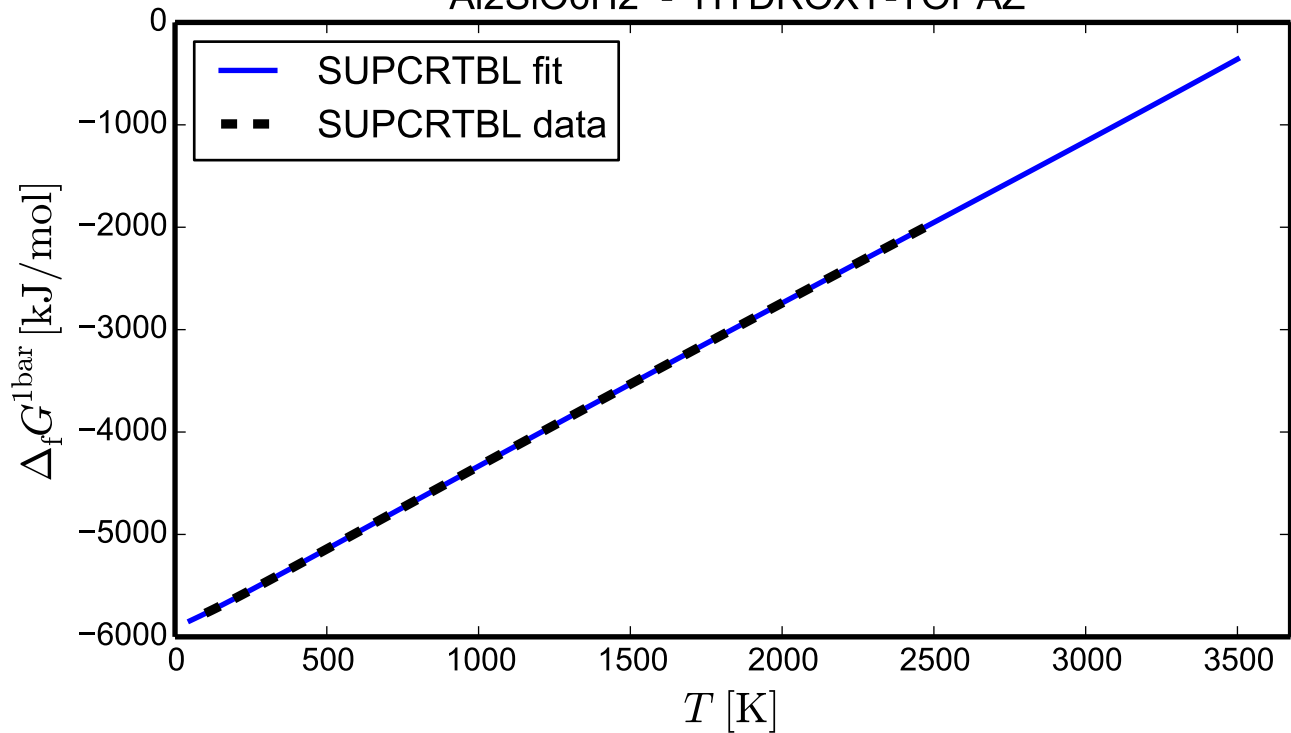


KAISi3O9H2 - K-CYMRITE

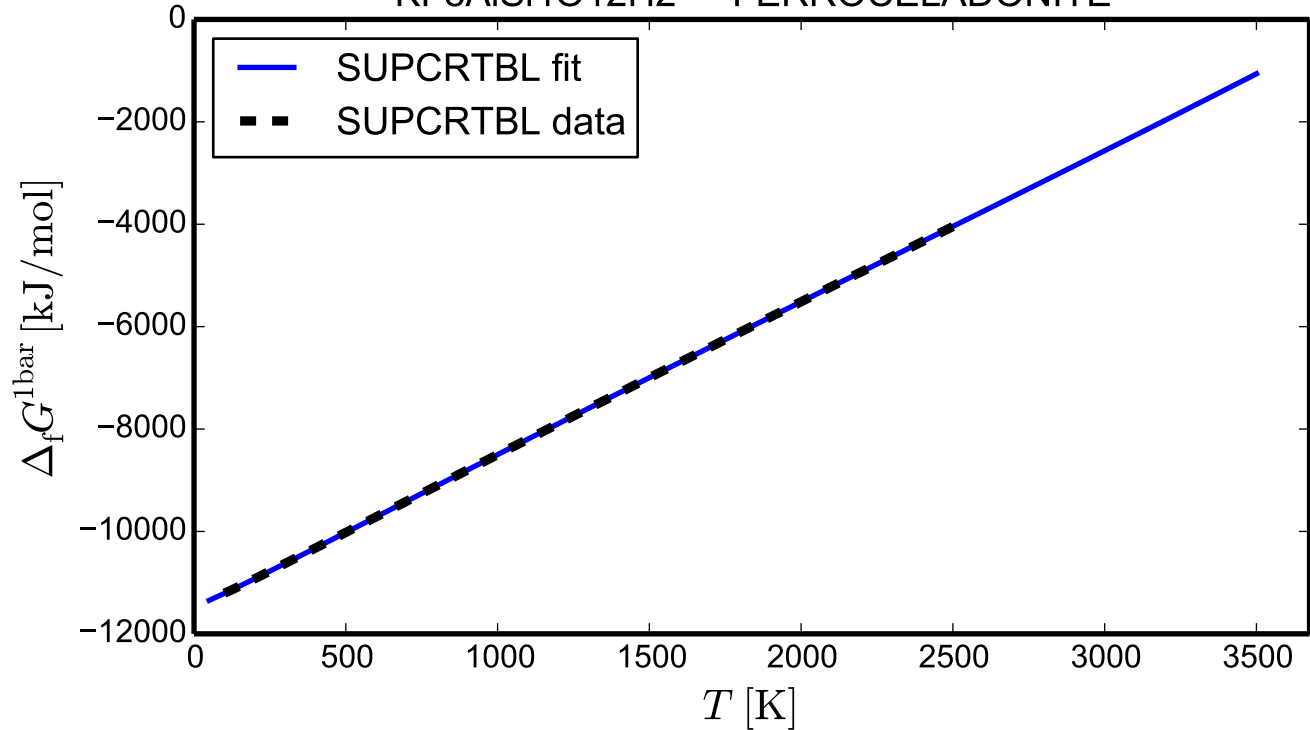


Fe3Al2Si3O12 - ALMANDINE

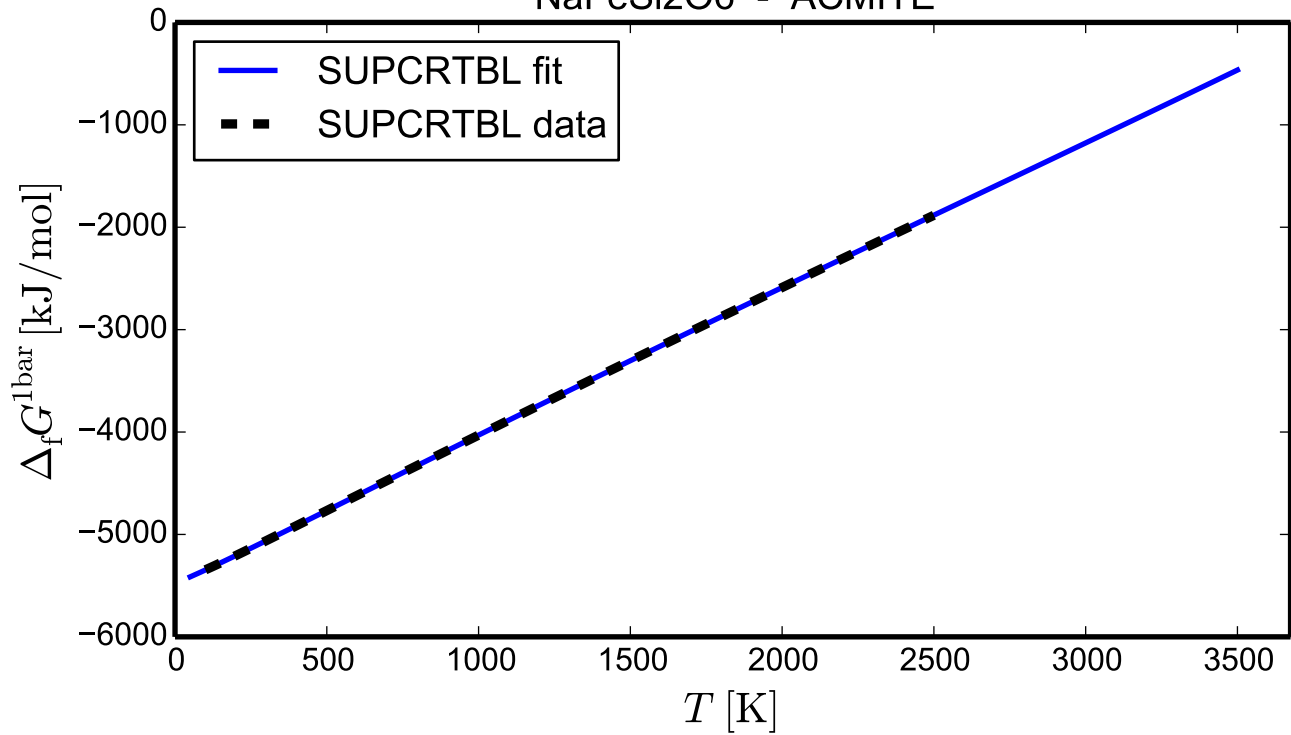


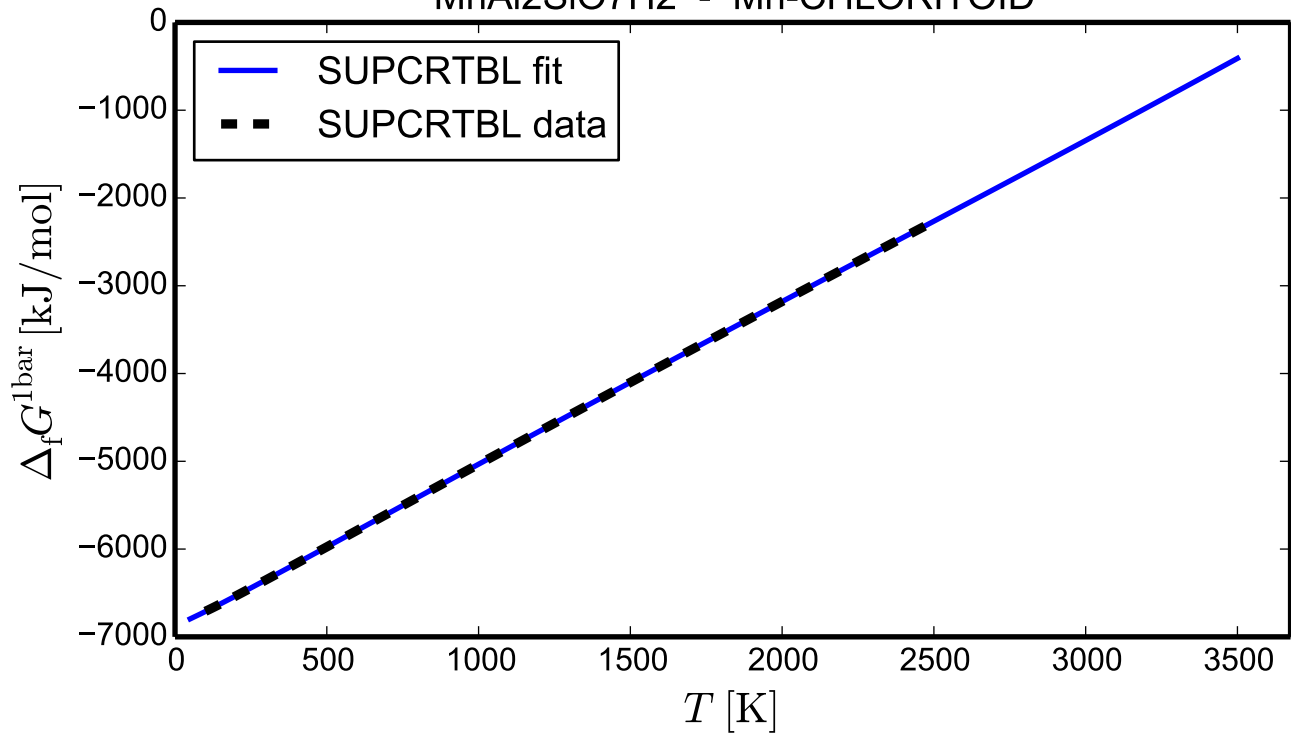
Al₂SiO₆H₂ - HYDROXY-TOPAZ

KFeAlSi4O12H2 - FERROCELADONITE

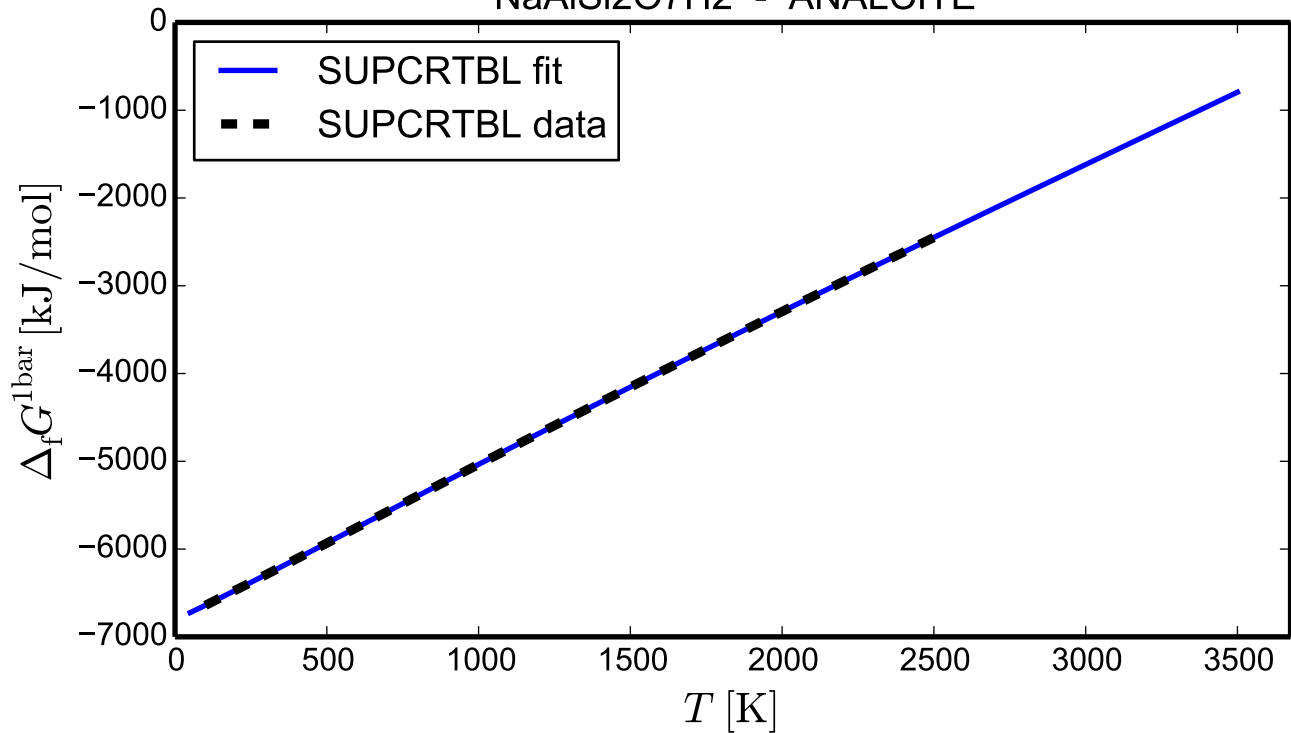


NaFeSi2O6 - ACMITE

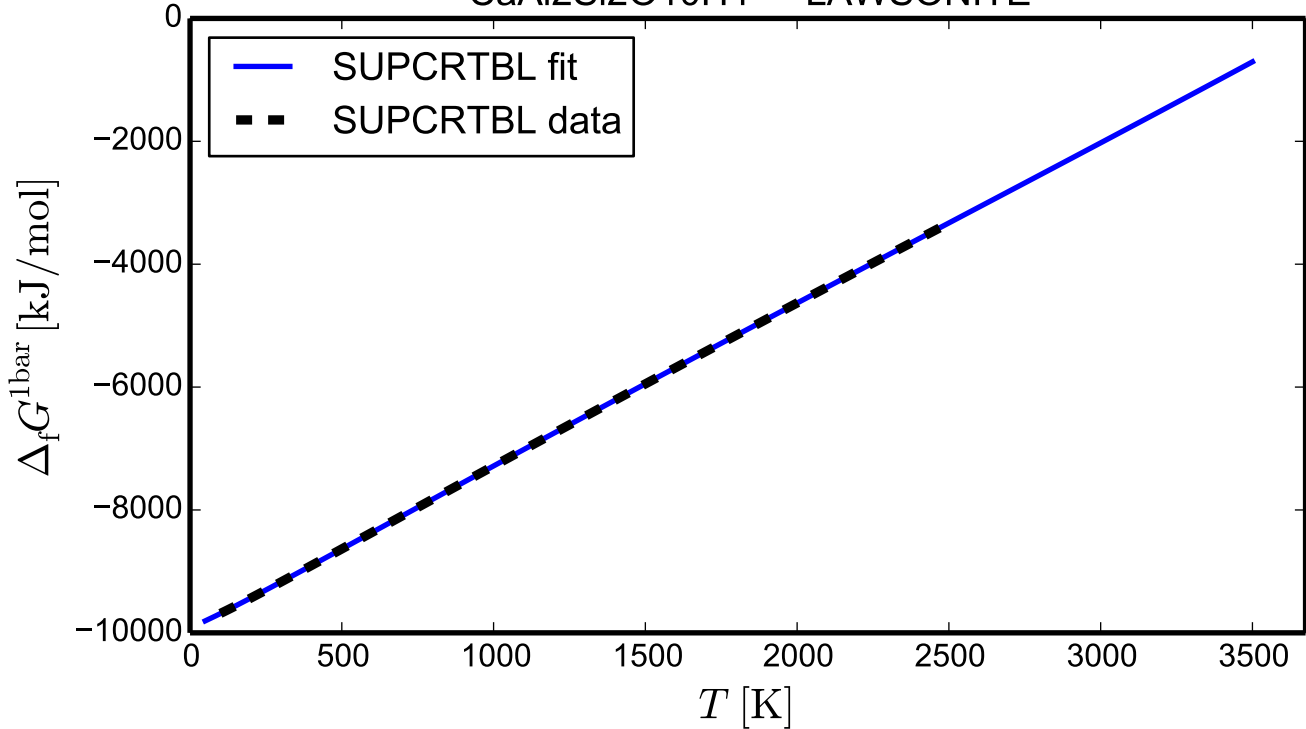


MnAl₂SiO₇H₂ - Mn-CHLORITOID

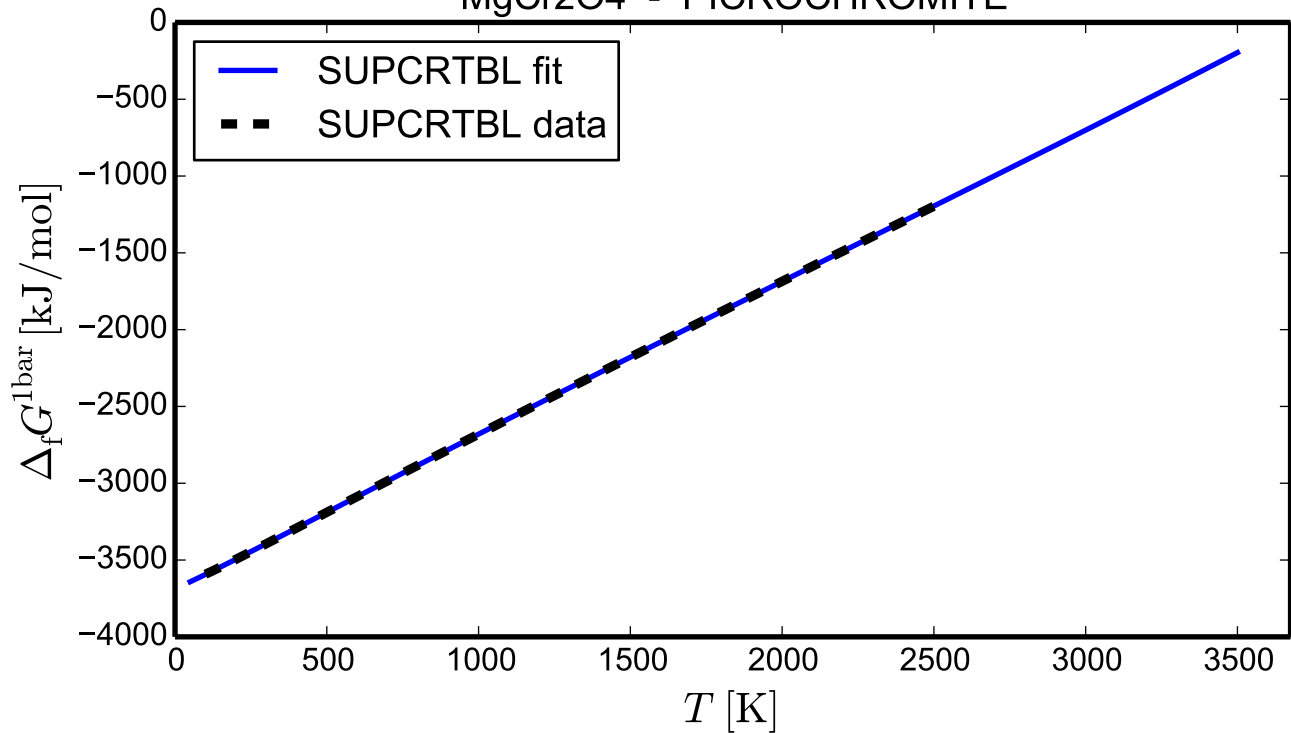
NaAlSi2O7H2 - ANALCITE

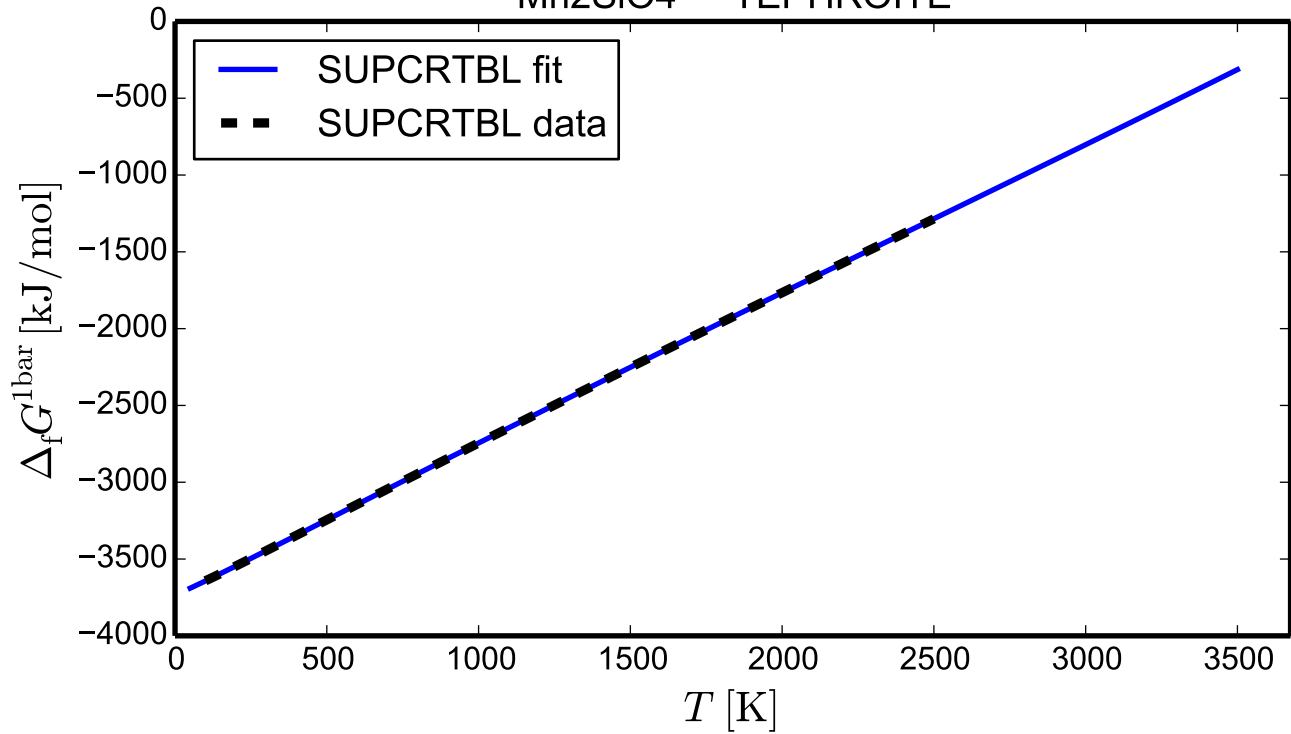


CaAl₂Si₂O₁₀H₄ - LAWSONITE

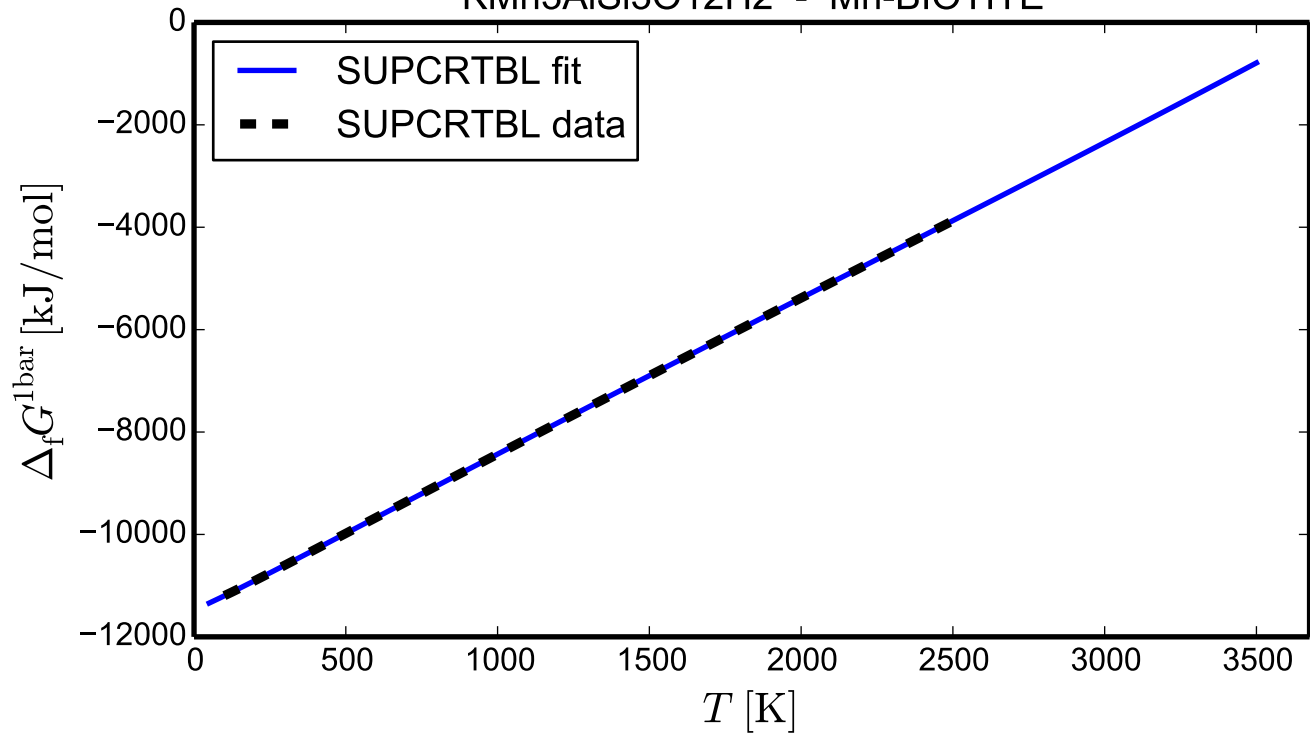


MgCr2O4 - Picrochromite

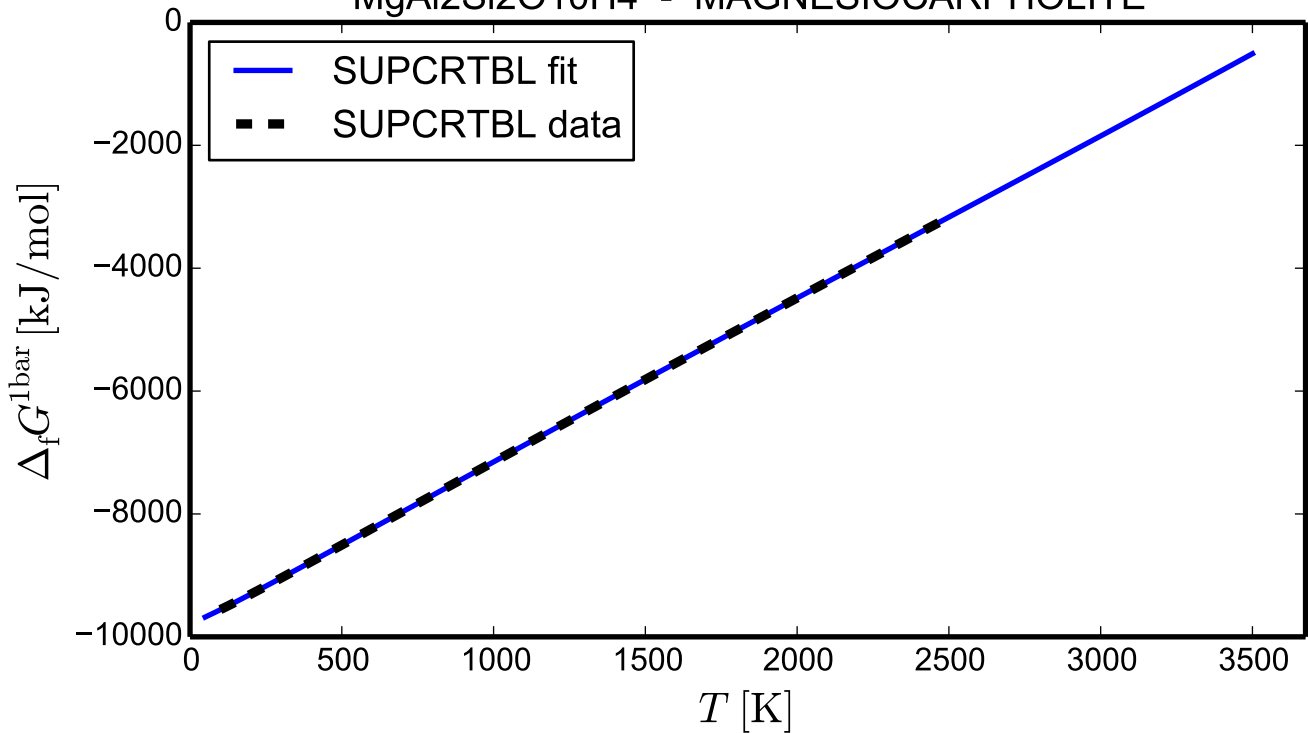


Mn₂SiO₄ - TEPHROITE

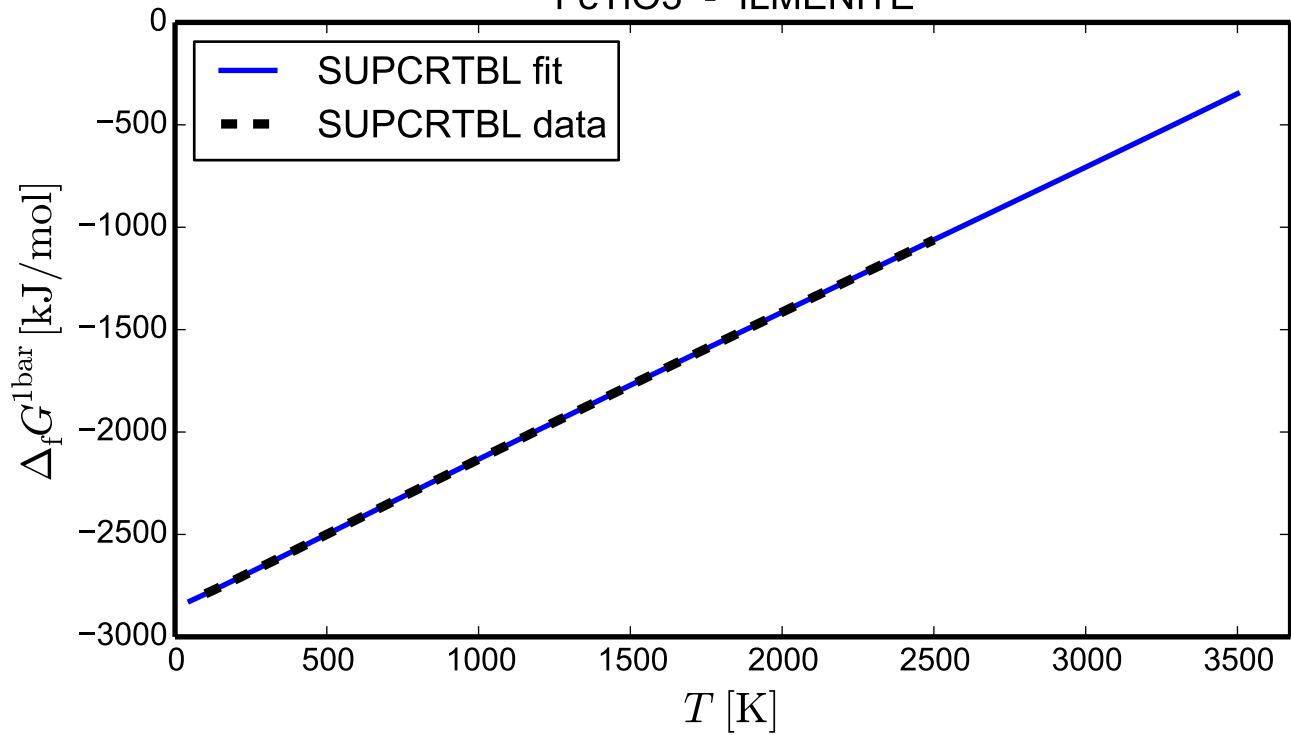
KMn3AlSi3O12H2 - Mn-BIOTITE



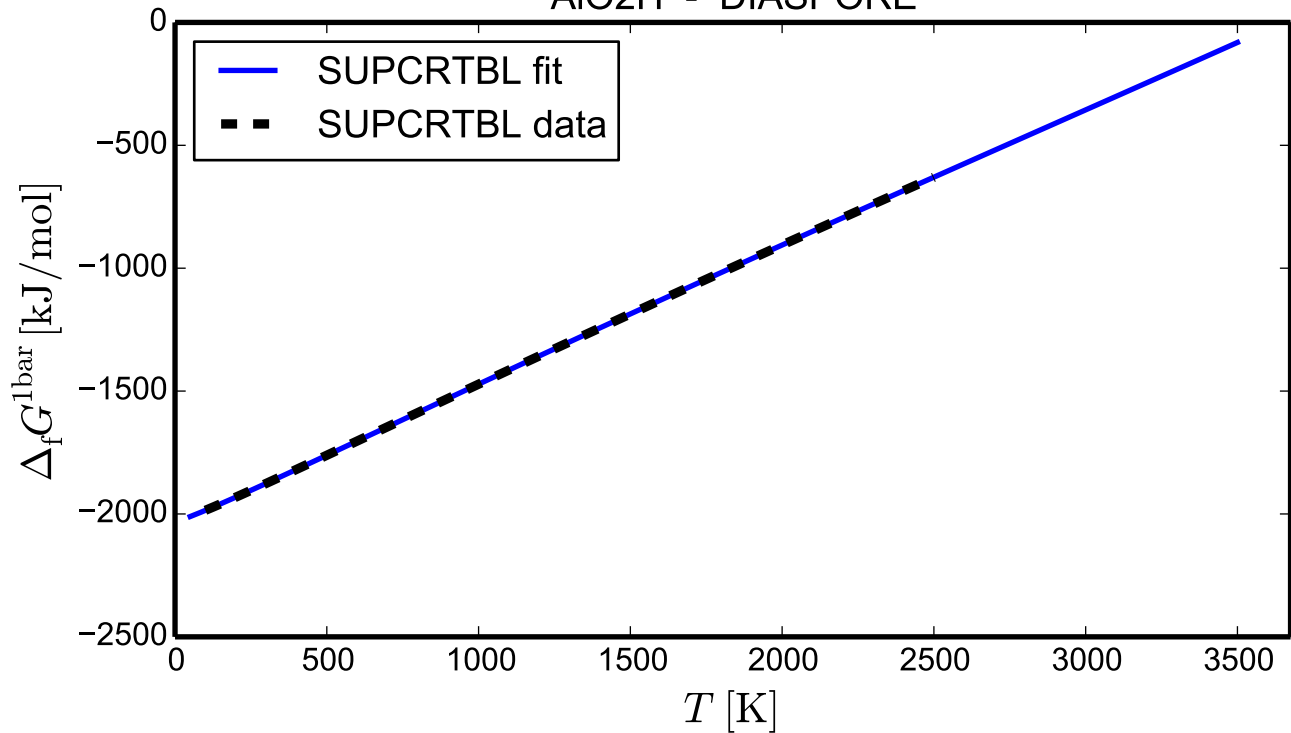
MgAl₂Si₂O₁₀H₄ - MAGNESIOCARPHOLITE

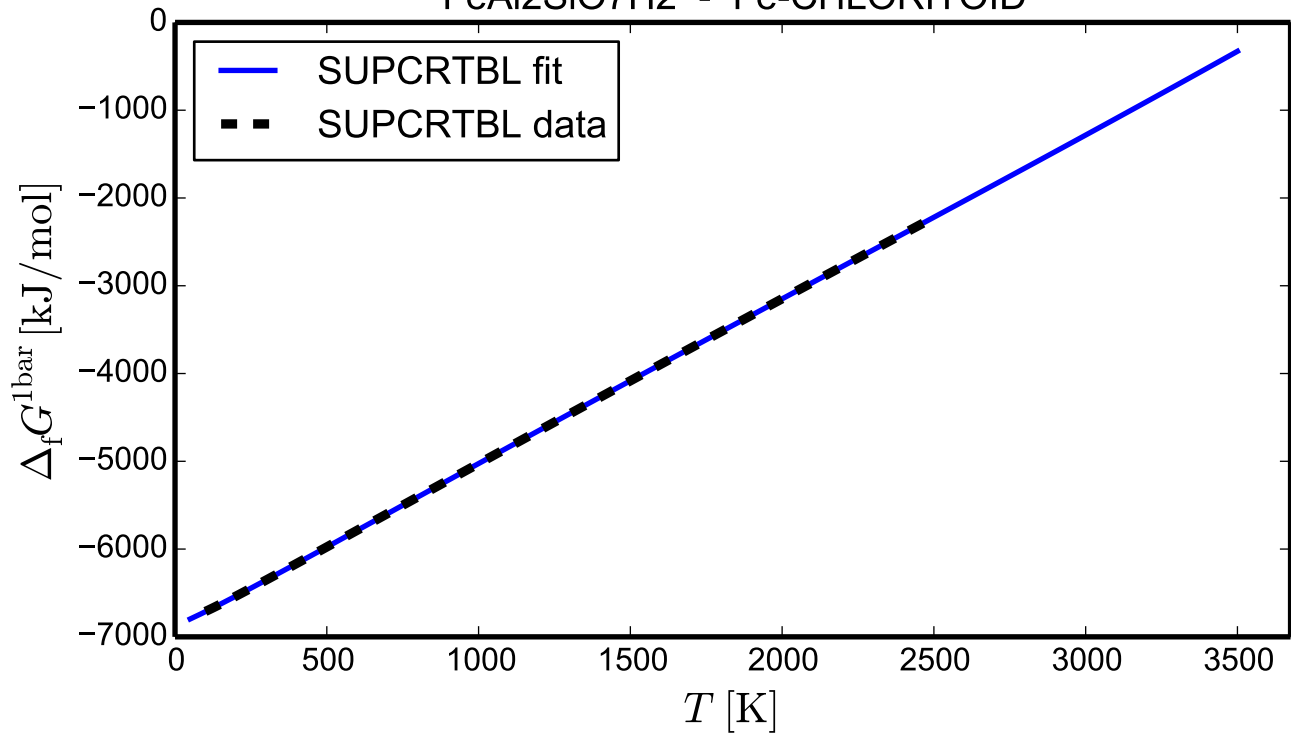


FeTiO3 - ILMENITE

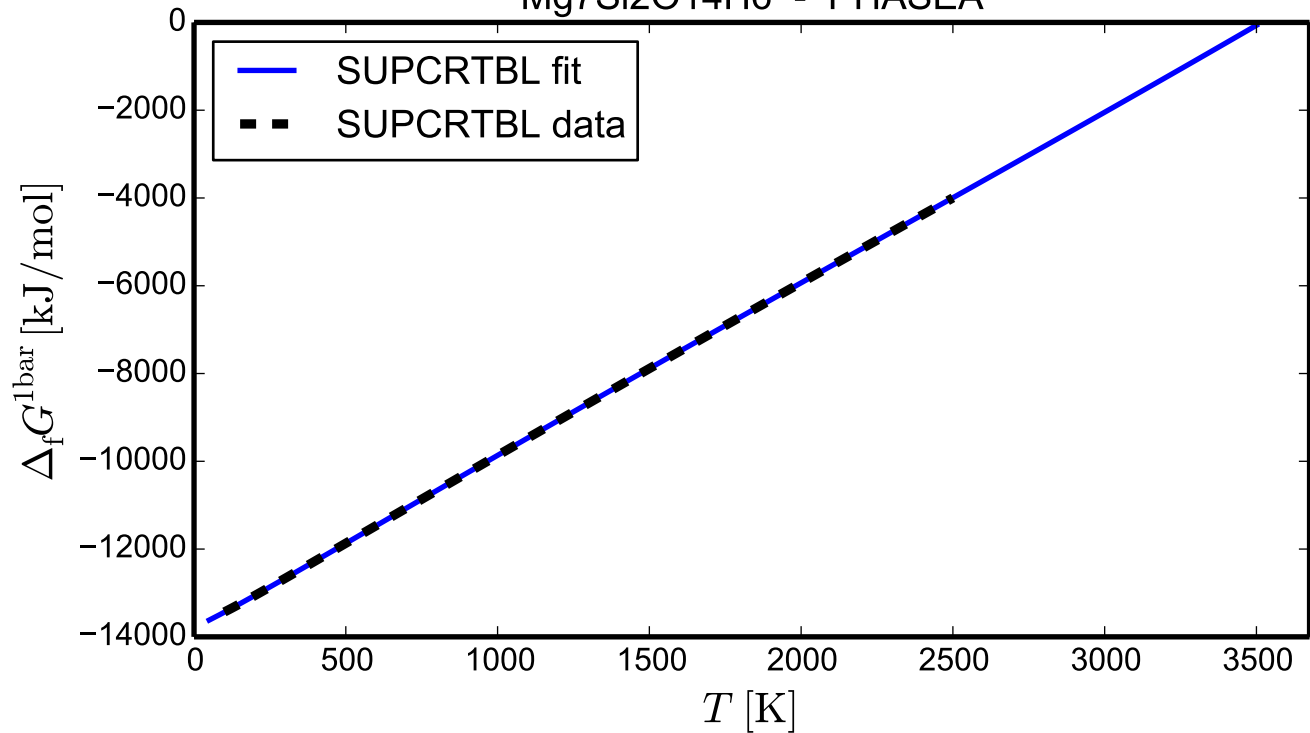


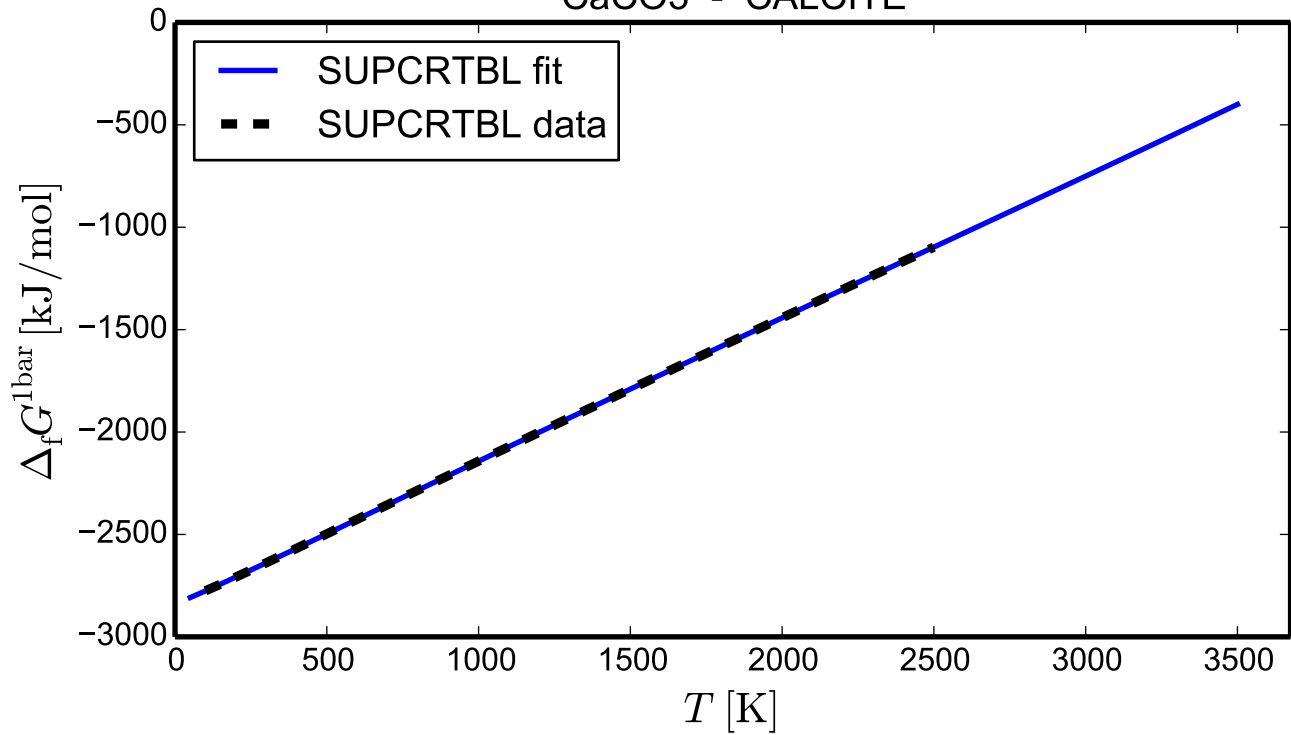
AlO2H - DIASPORE



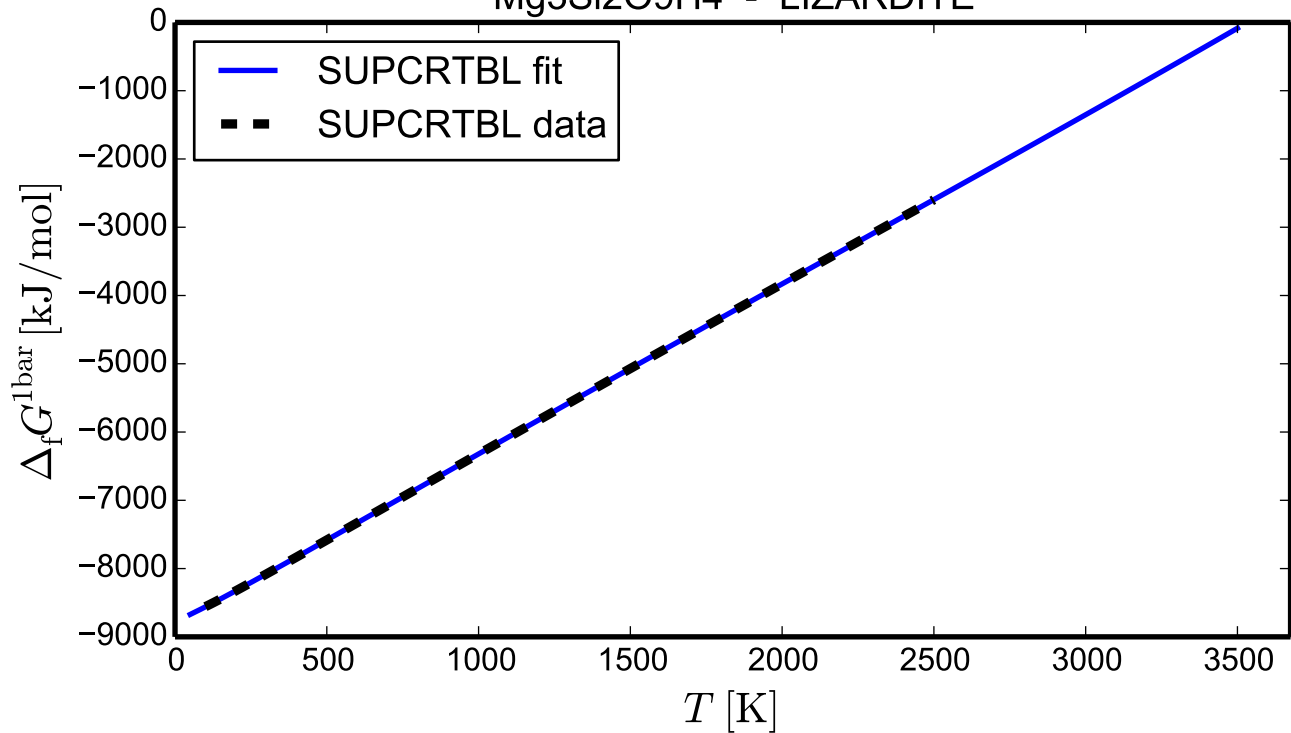
FeAl₂SiO₇H₂ - Fe-CHLORITOID

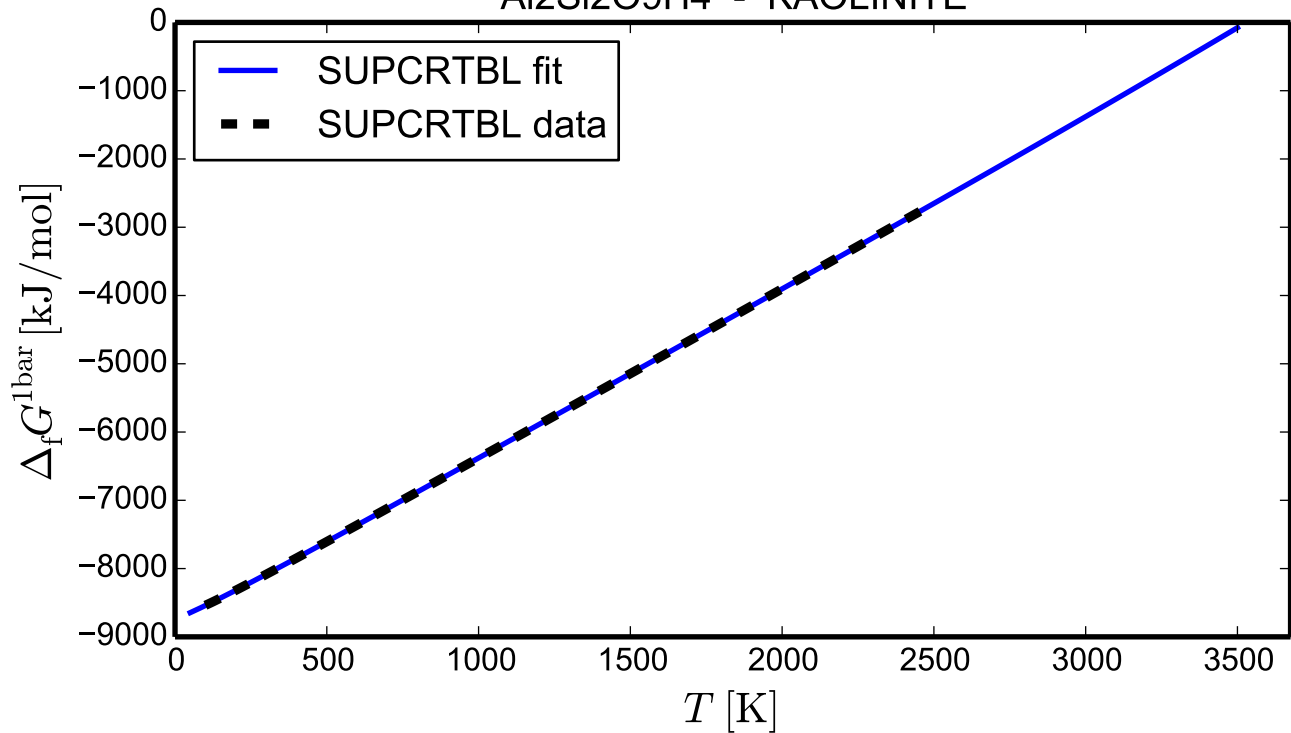
Mg7Si2O14H6 - PHASEA



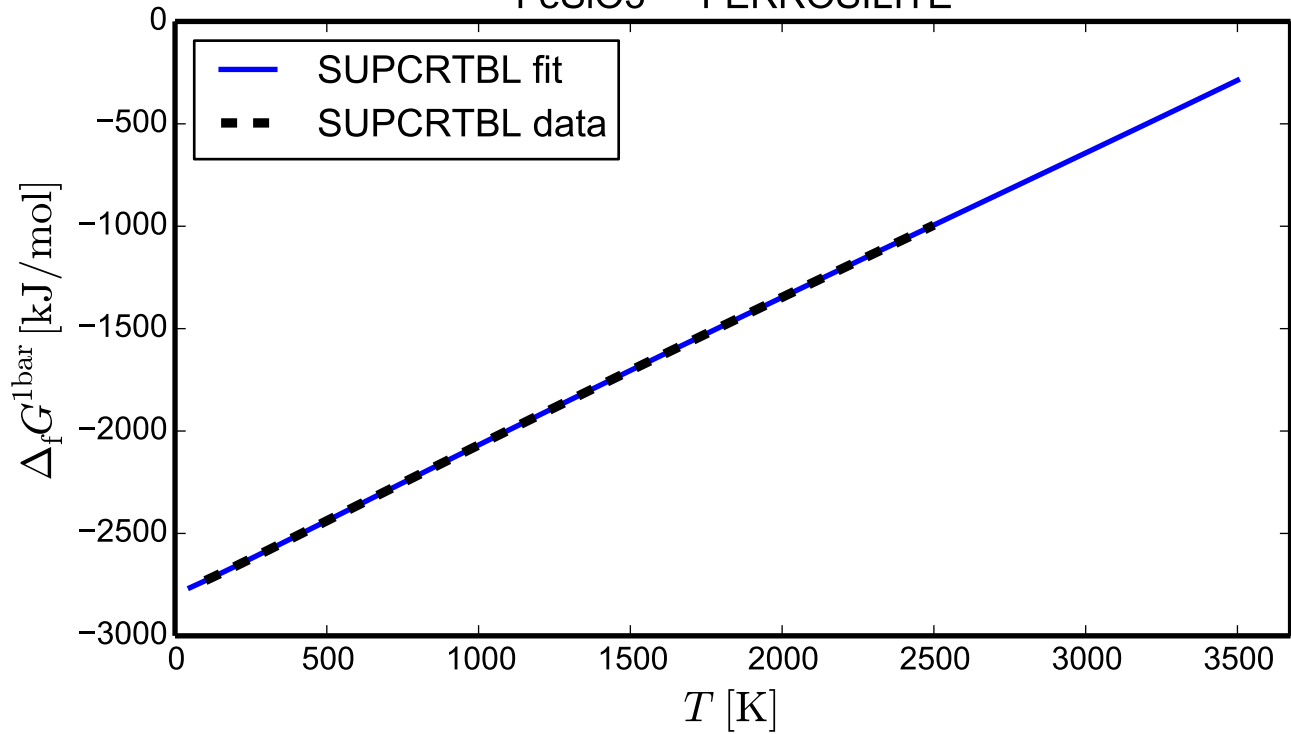
CaCO₃ - CALCITE

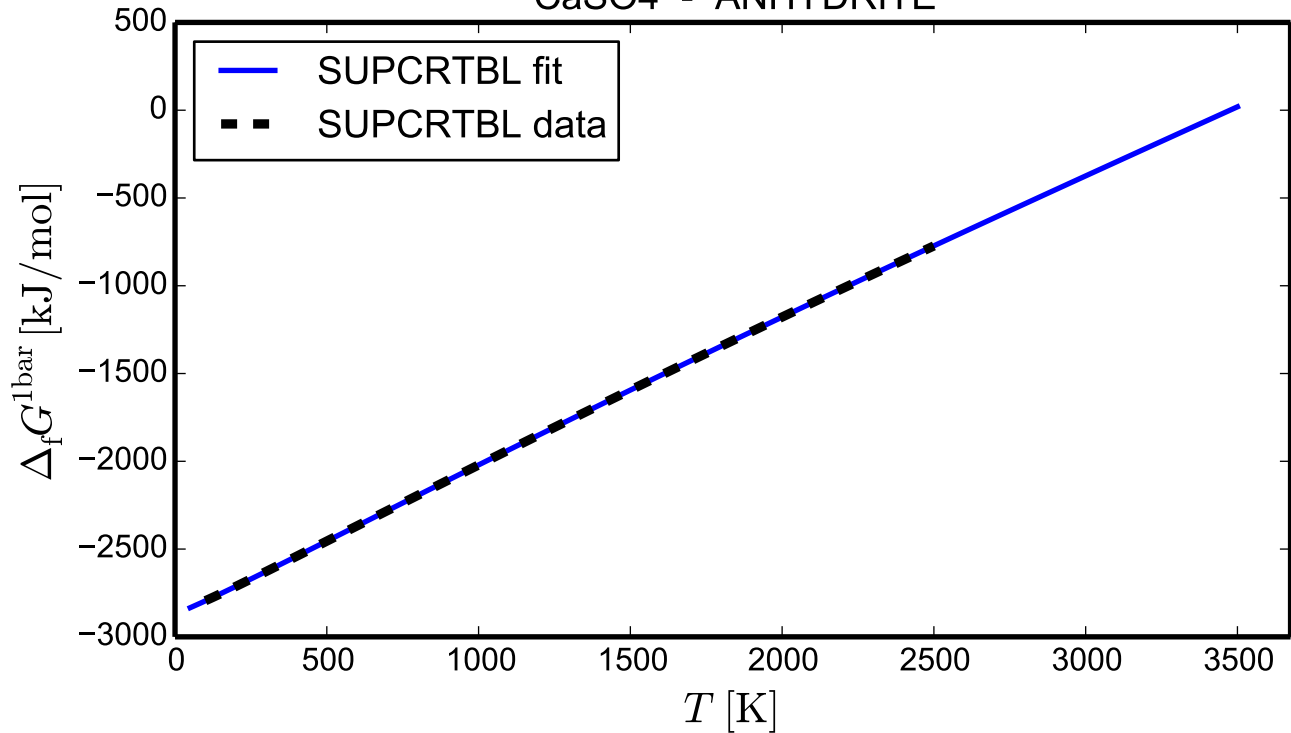
Mg3Si2O9H4 - LIZARDITE



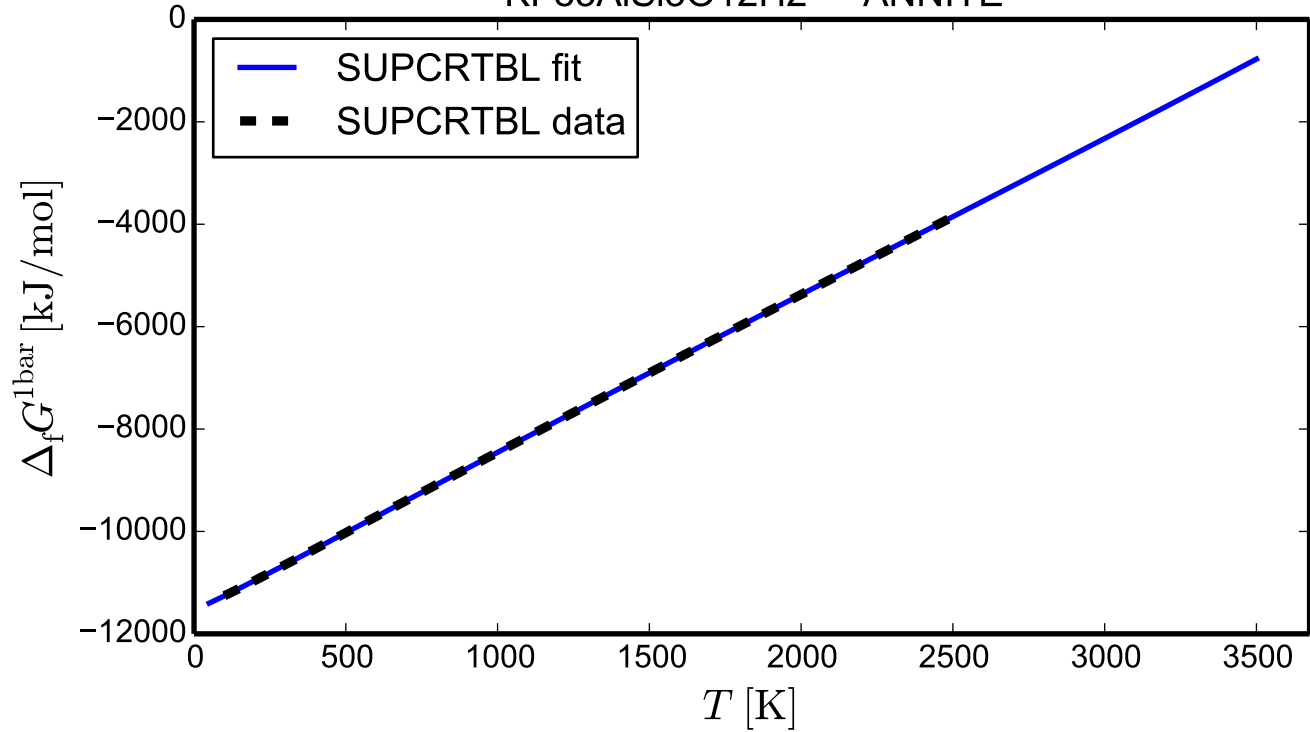
Al₂Si₂O₉H₄ - KAOLINITE

FeSiO3 - FERROSILITE

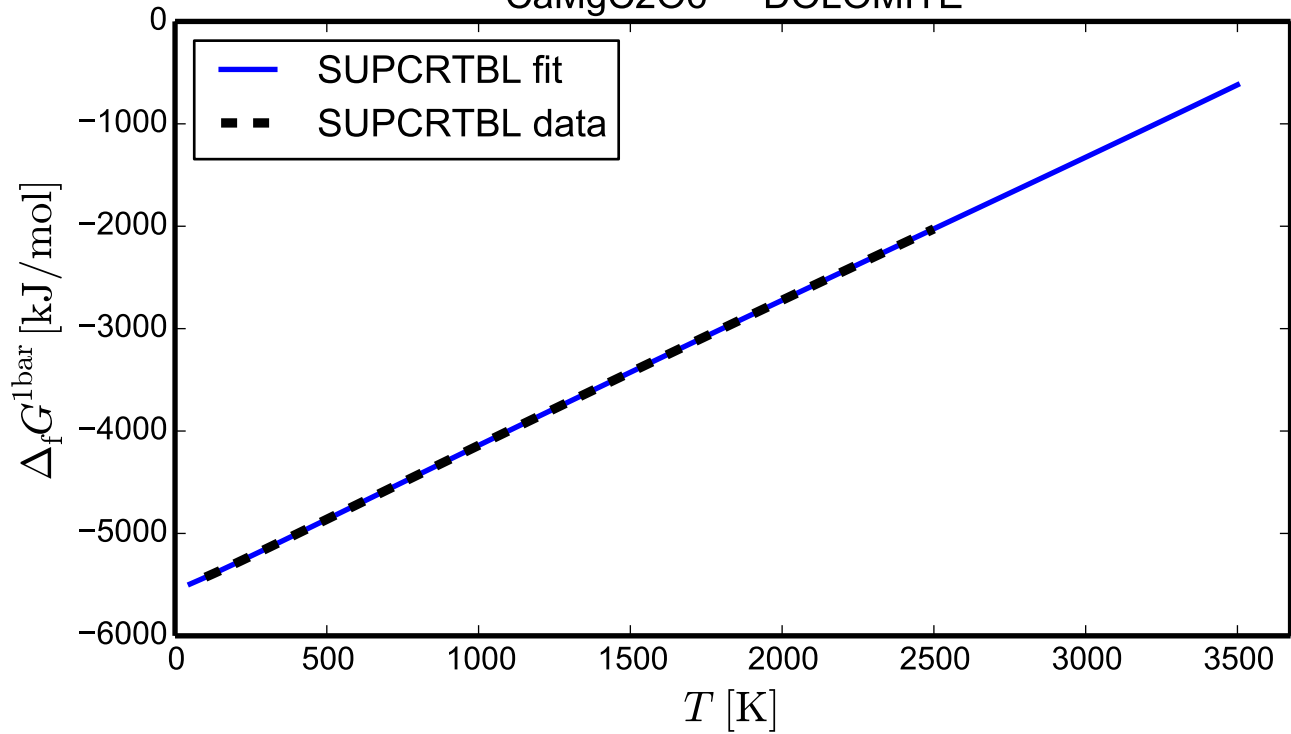


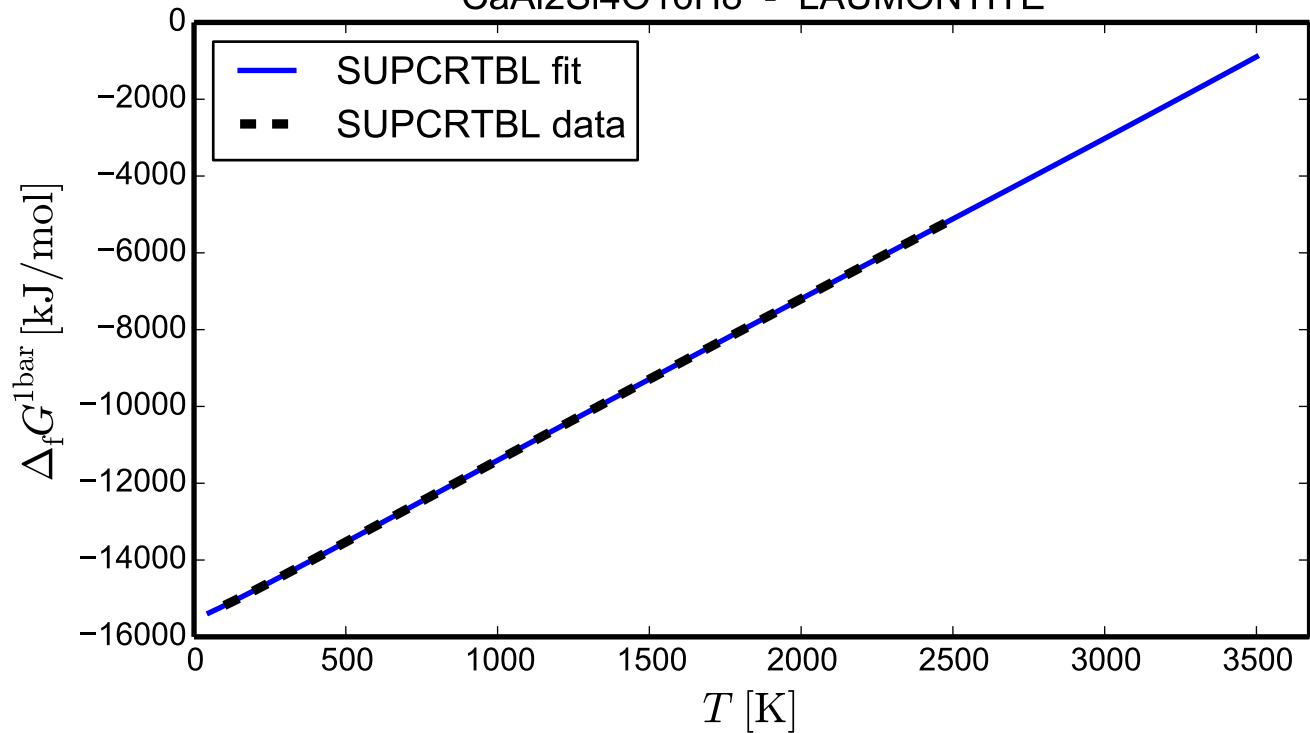
CaSO₄ - ANHYDRITE

KFe3AlSi3O12H2 - ANNITE

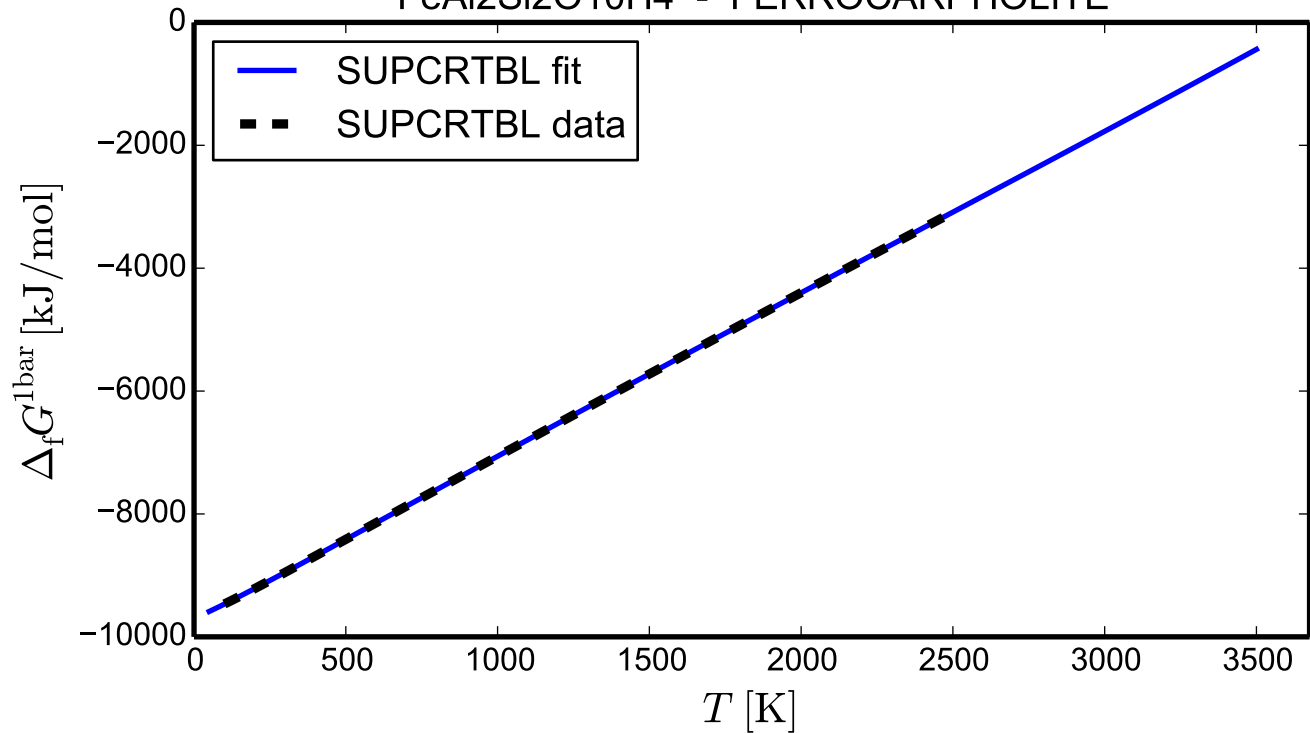


CaMgC2O6 - DOLOMITE

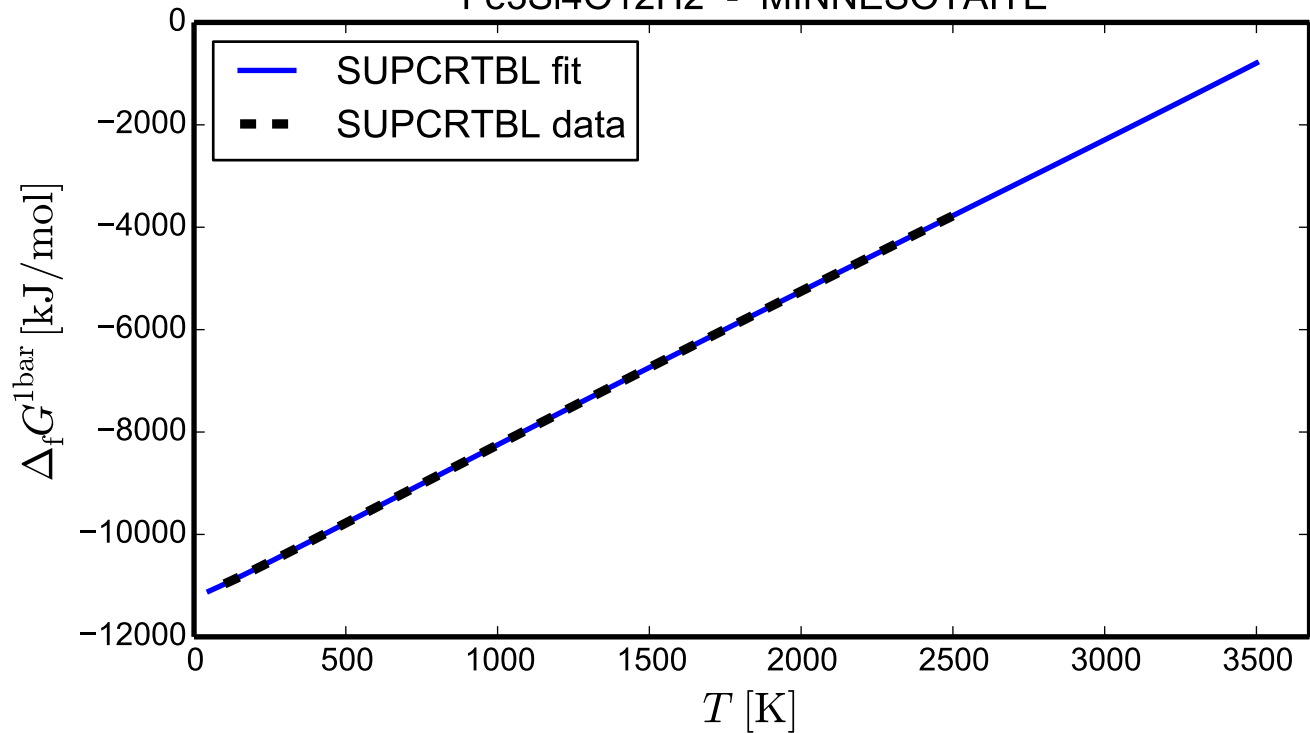


CaAl₂Si₄O₁₆H₈ - LAUMONTITE

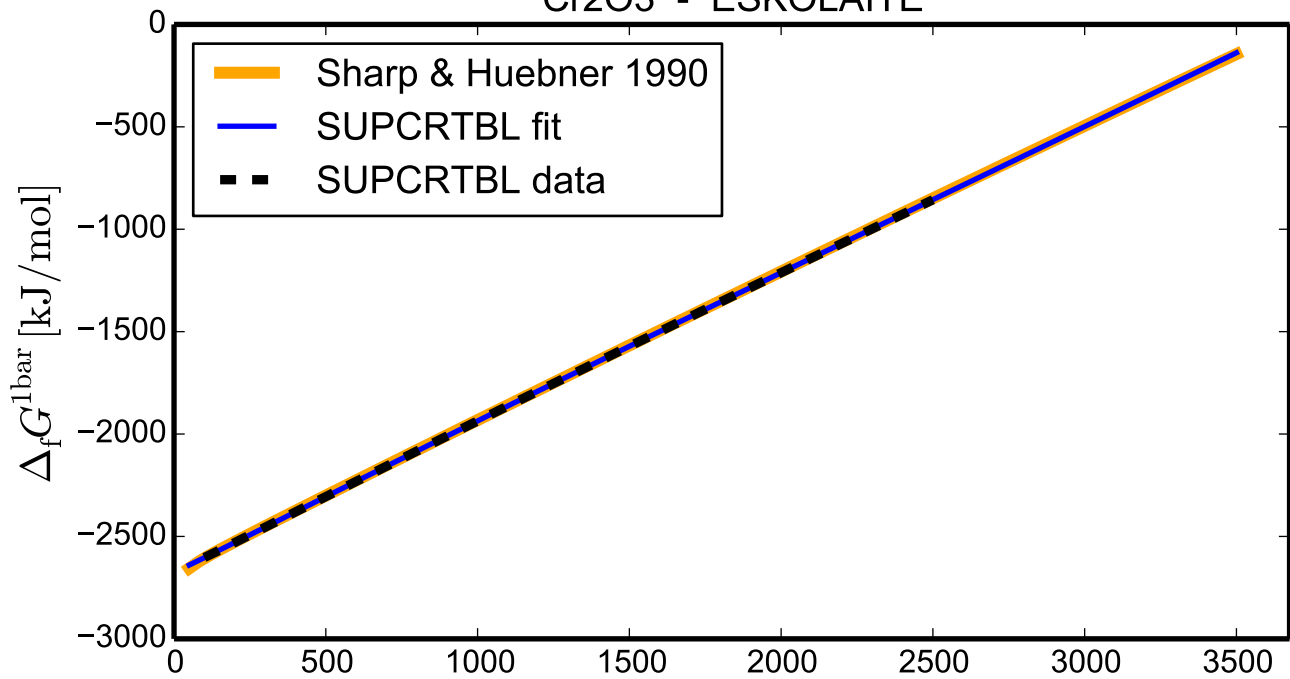
FeAl2Si2O10H4 - FERROCARPHOLITE



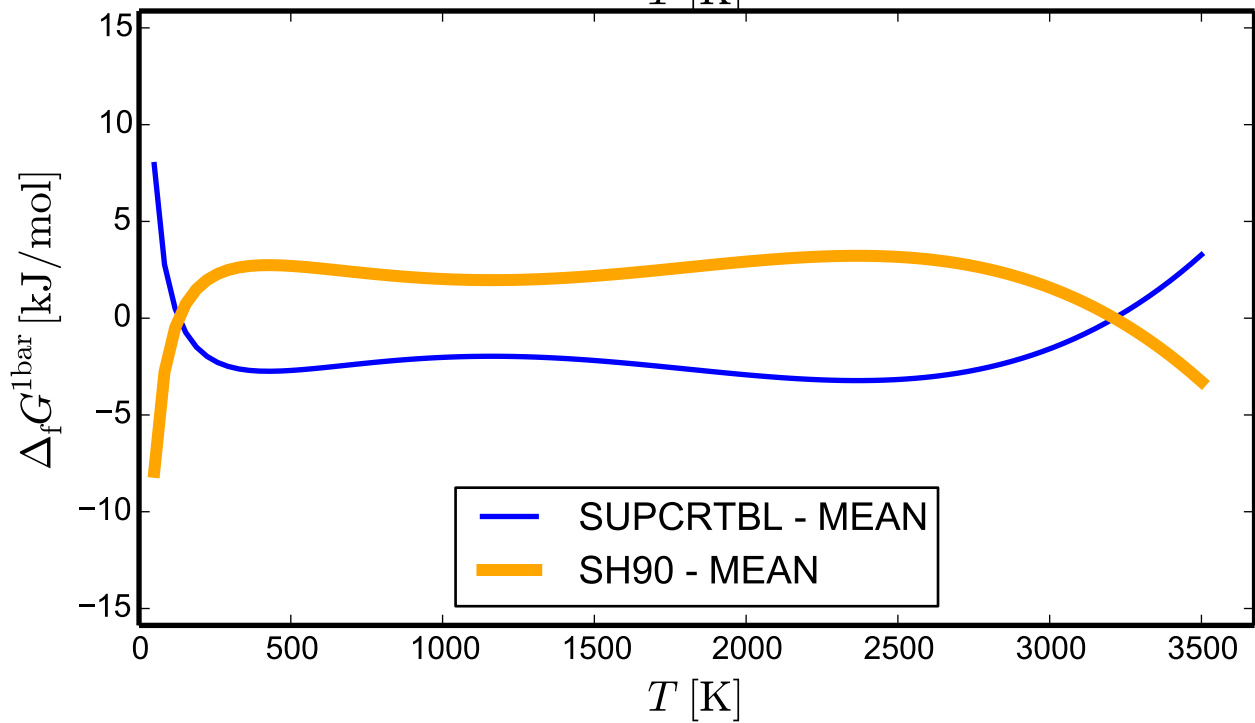
Fe3Si4O12H2 - MINNESOTAITE



Cr2O3 - ESKOLAITE

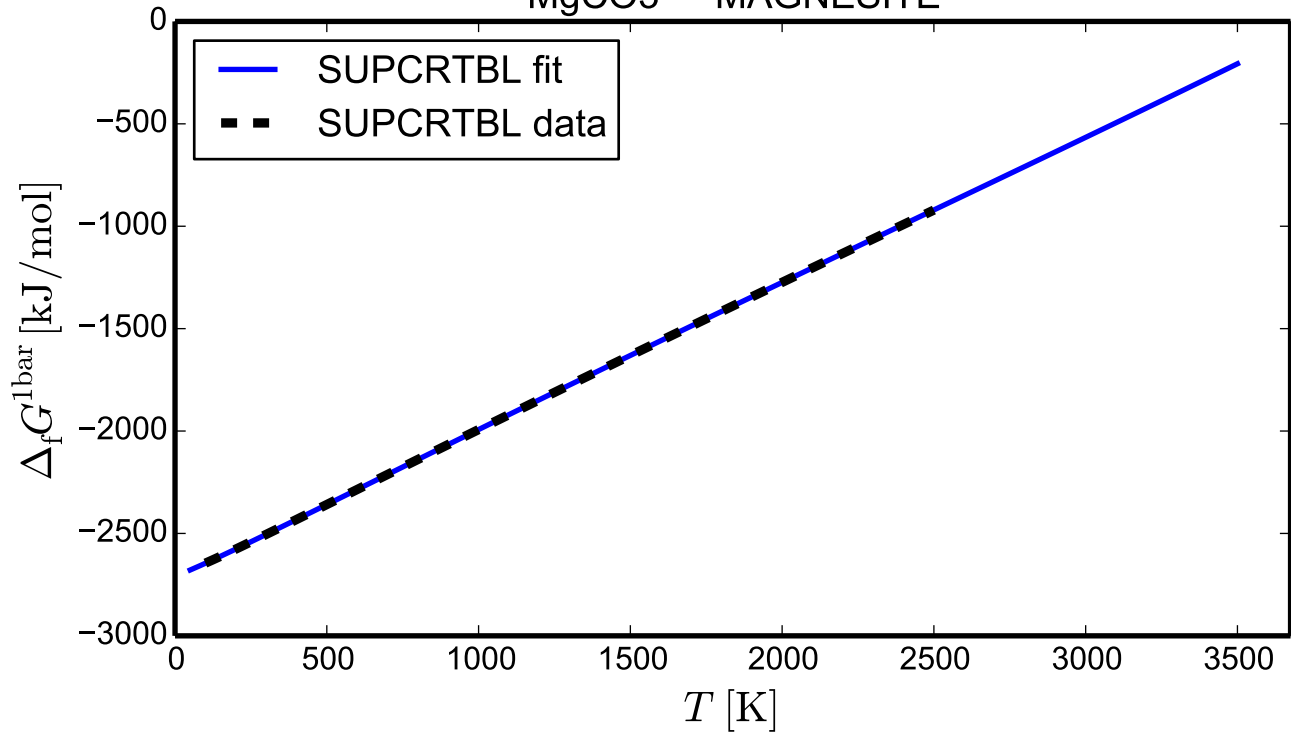


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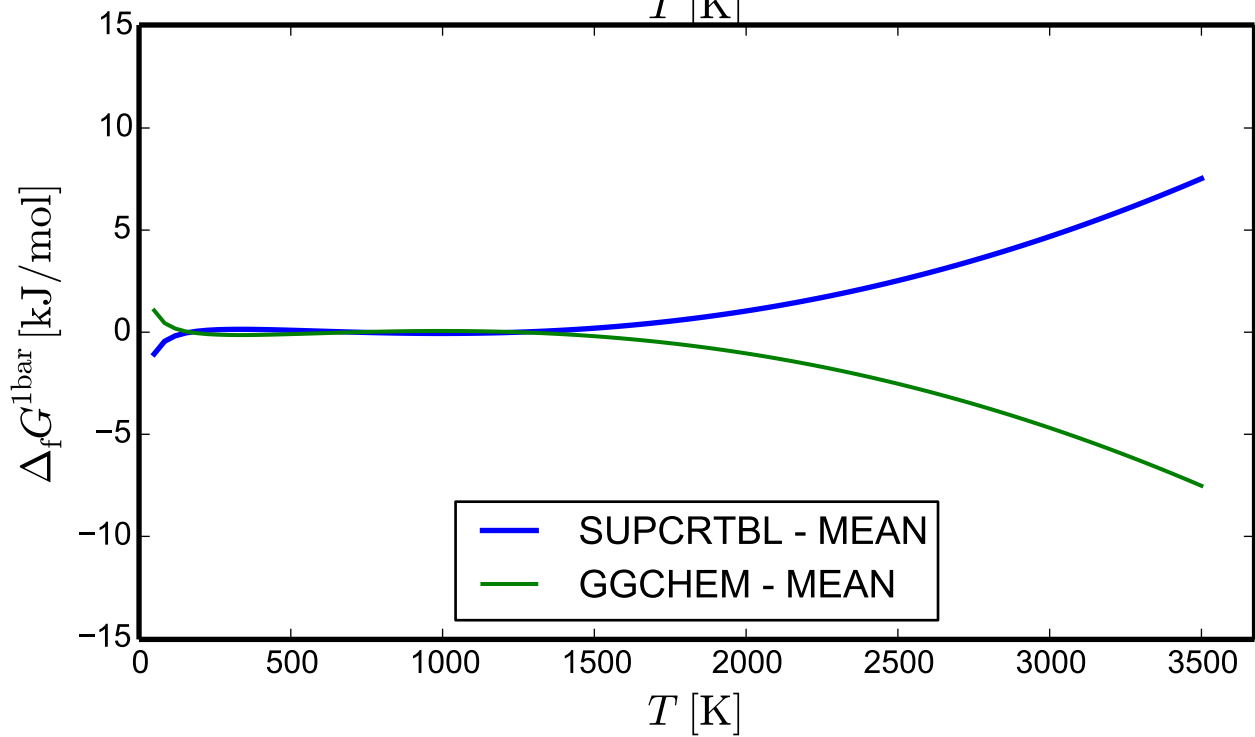
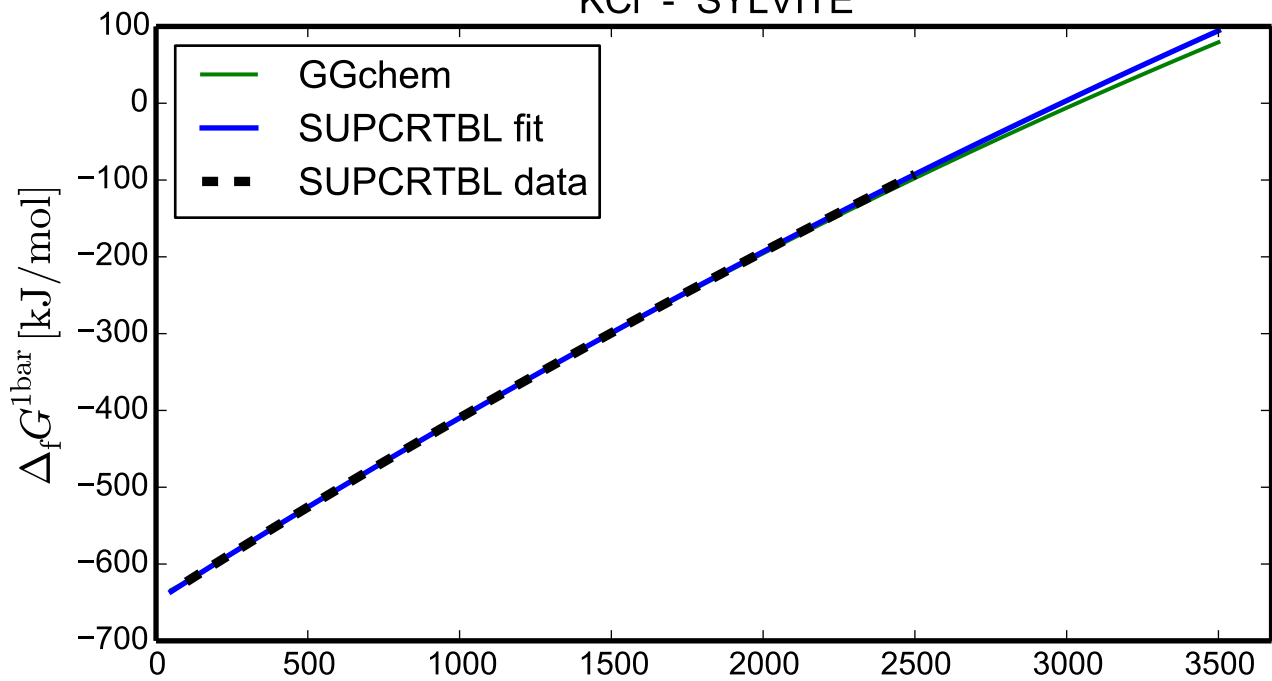


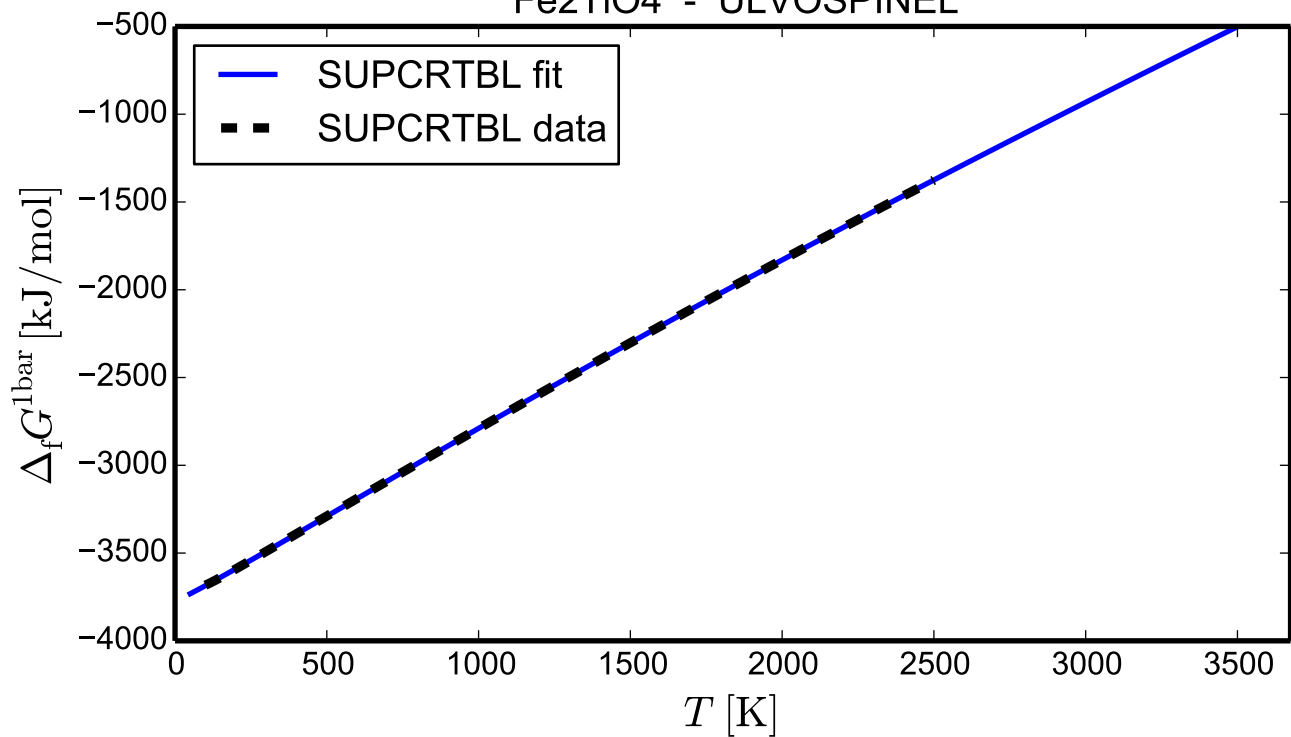
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MgCO3 - MAGNESITE

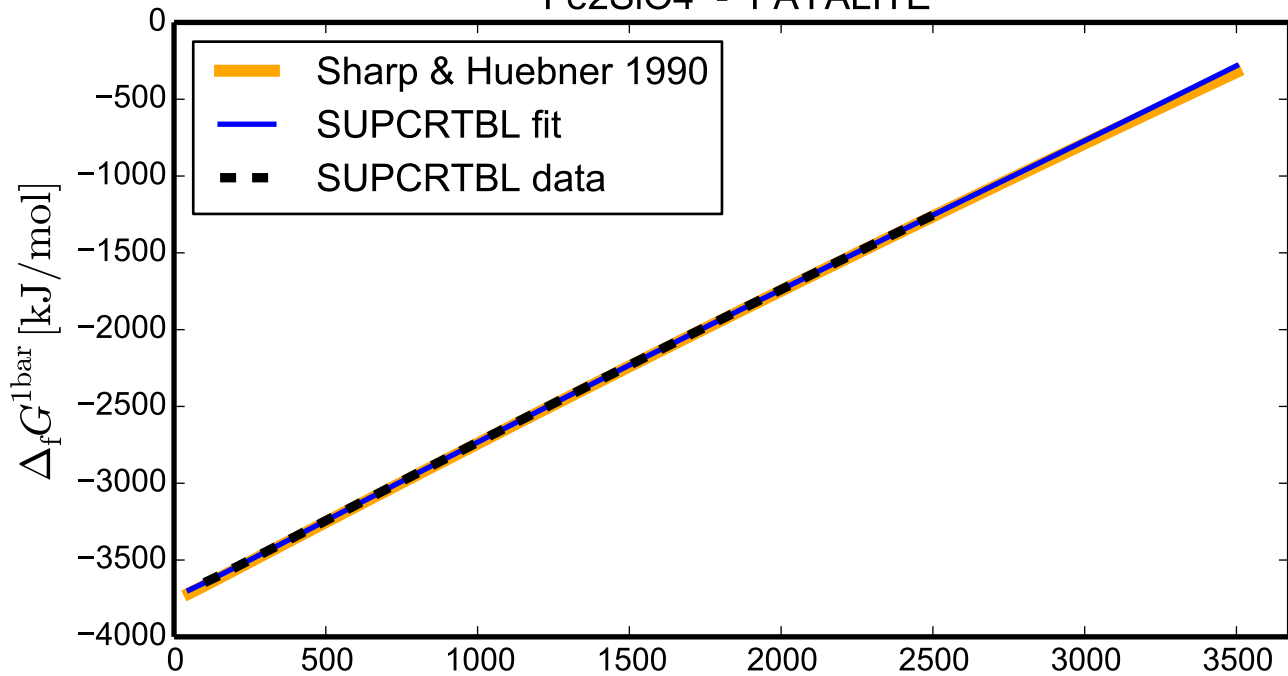
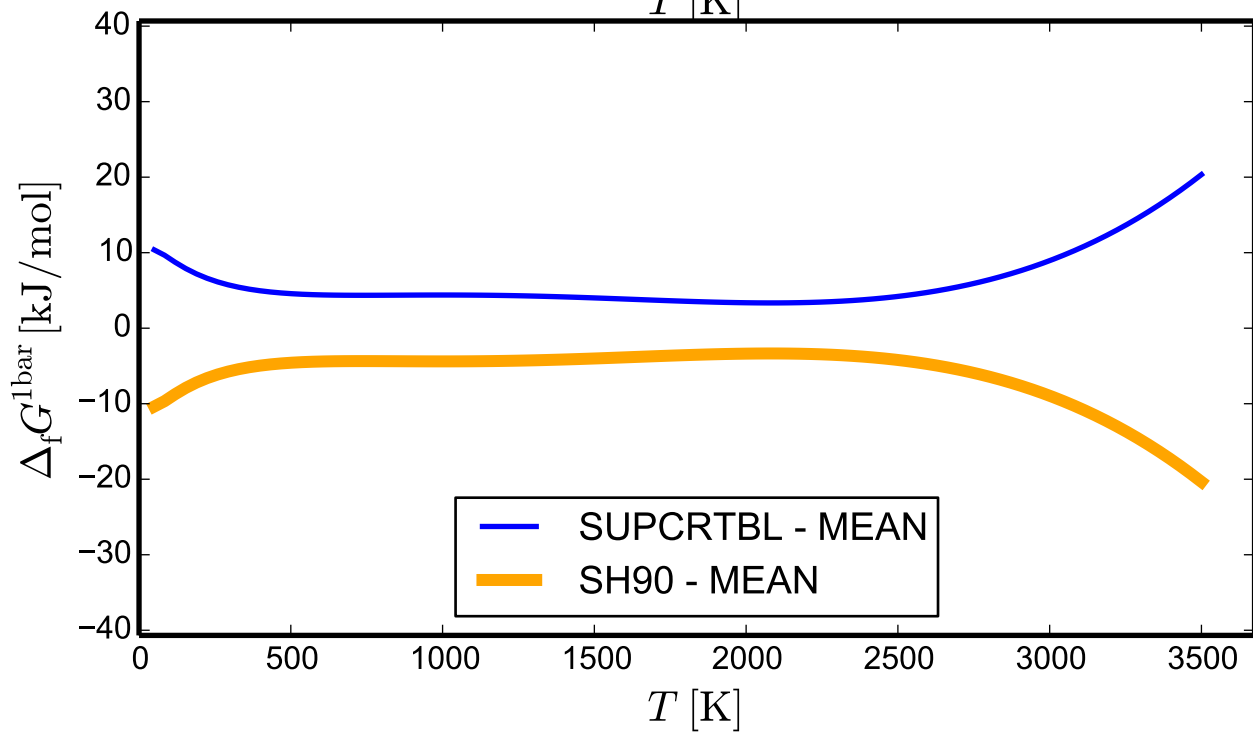


KCl - SYLVITE

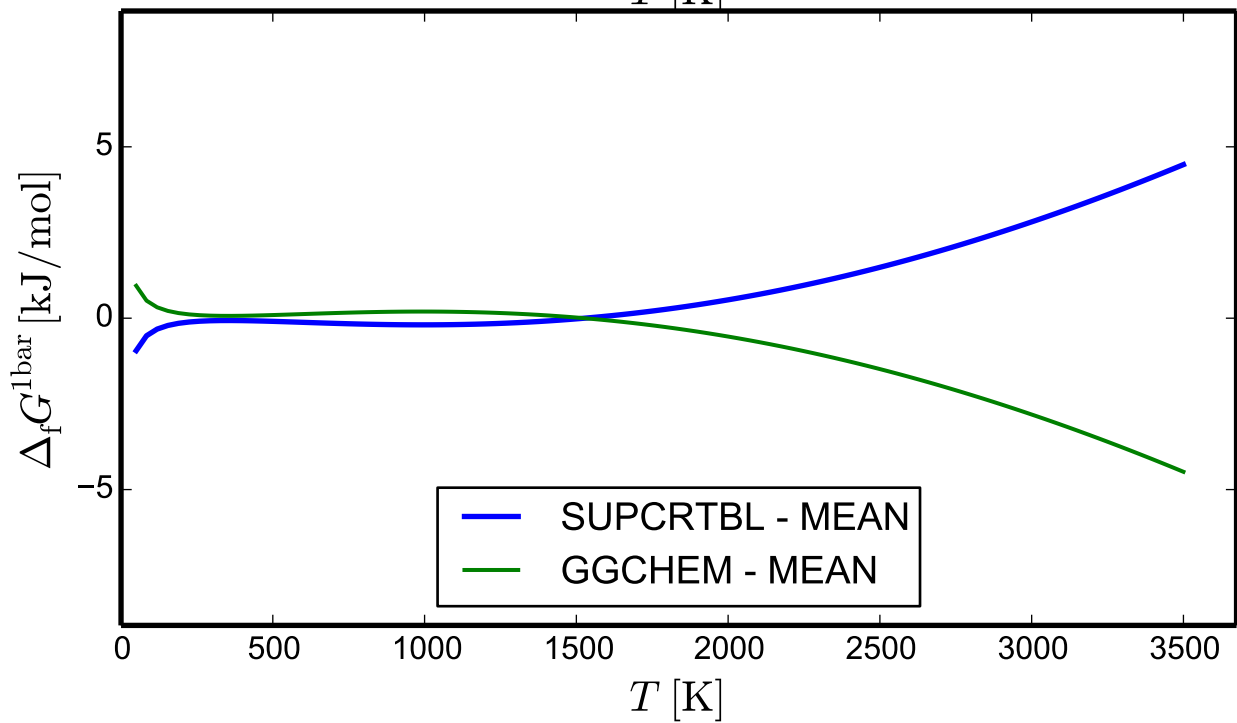
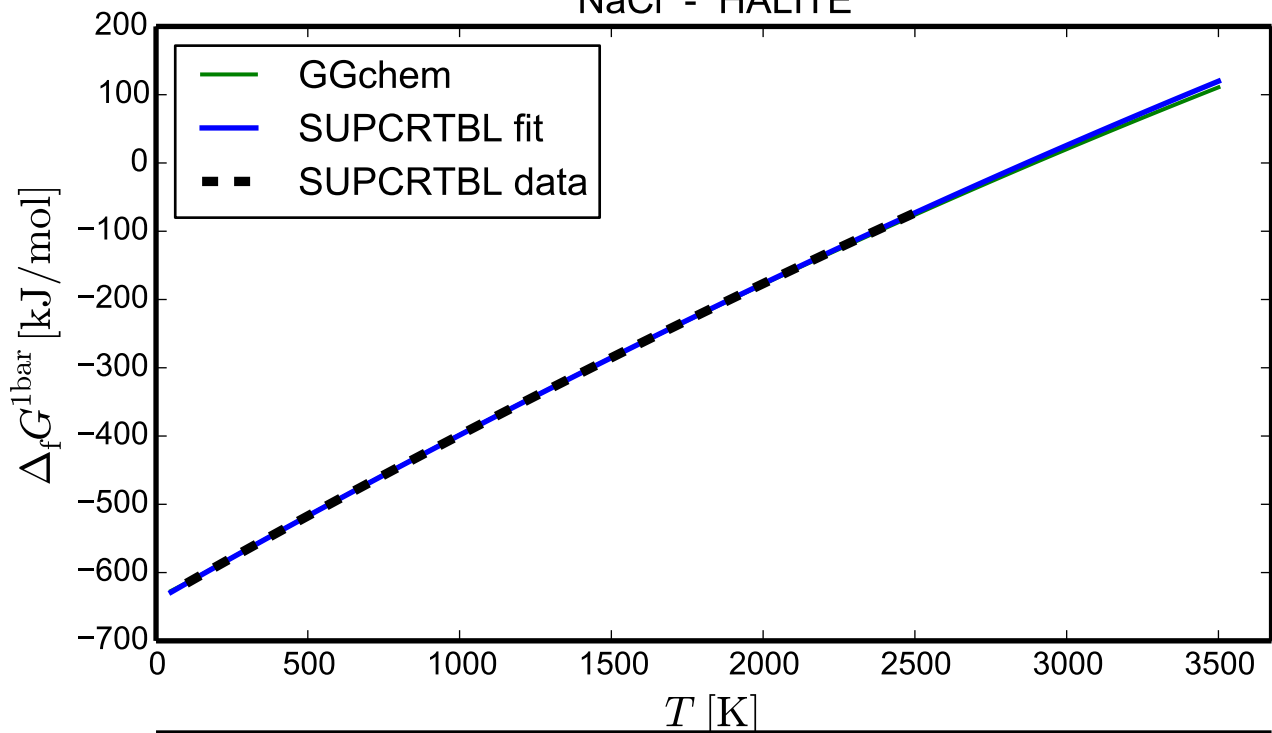


Fe₂TiO₄ - ULVOSPINEL

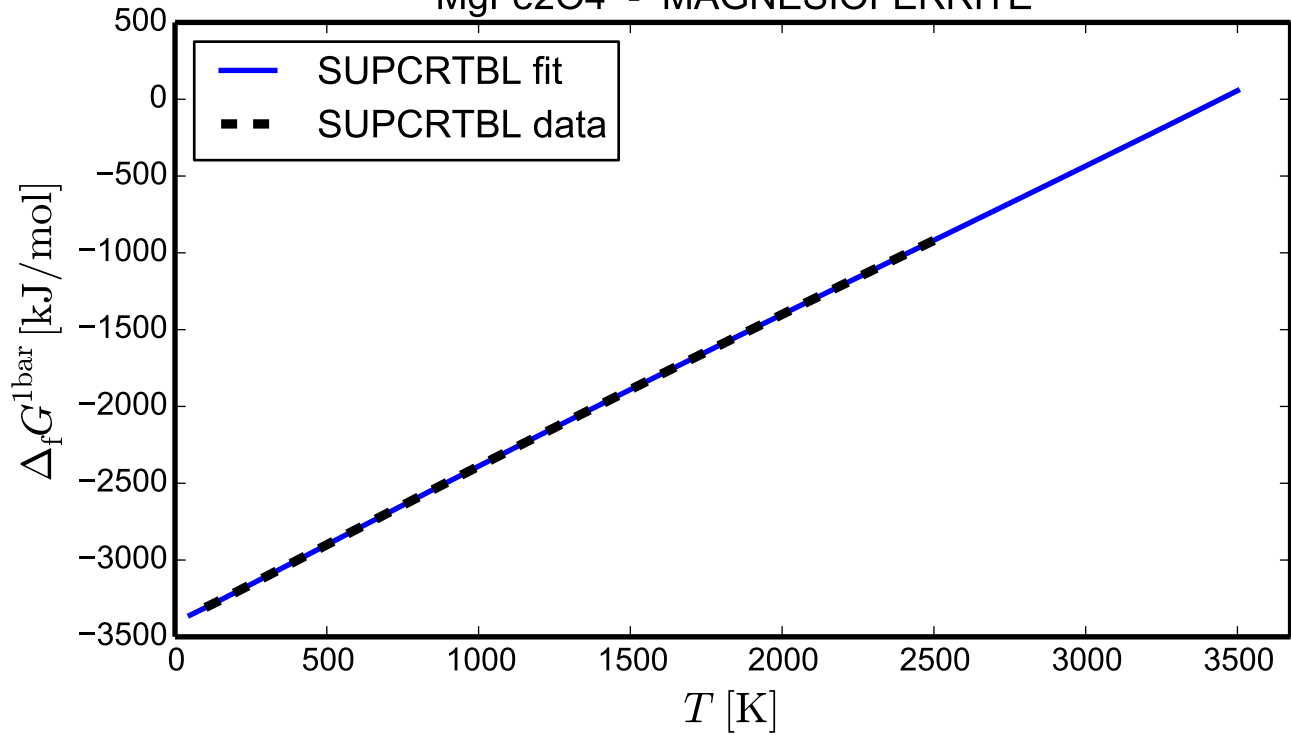
Fe2SiO4 - FAYALITE

 T [K] $\Delta_f G^{1\text{bar}}$ [kJ/mol] T [K]

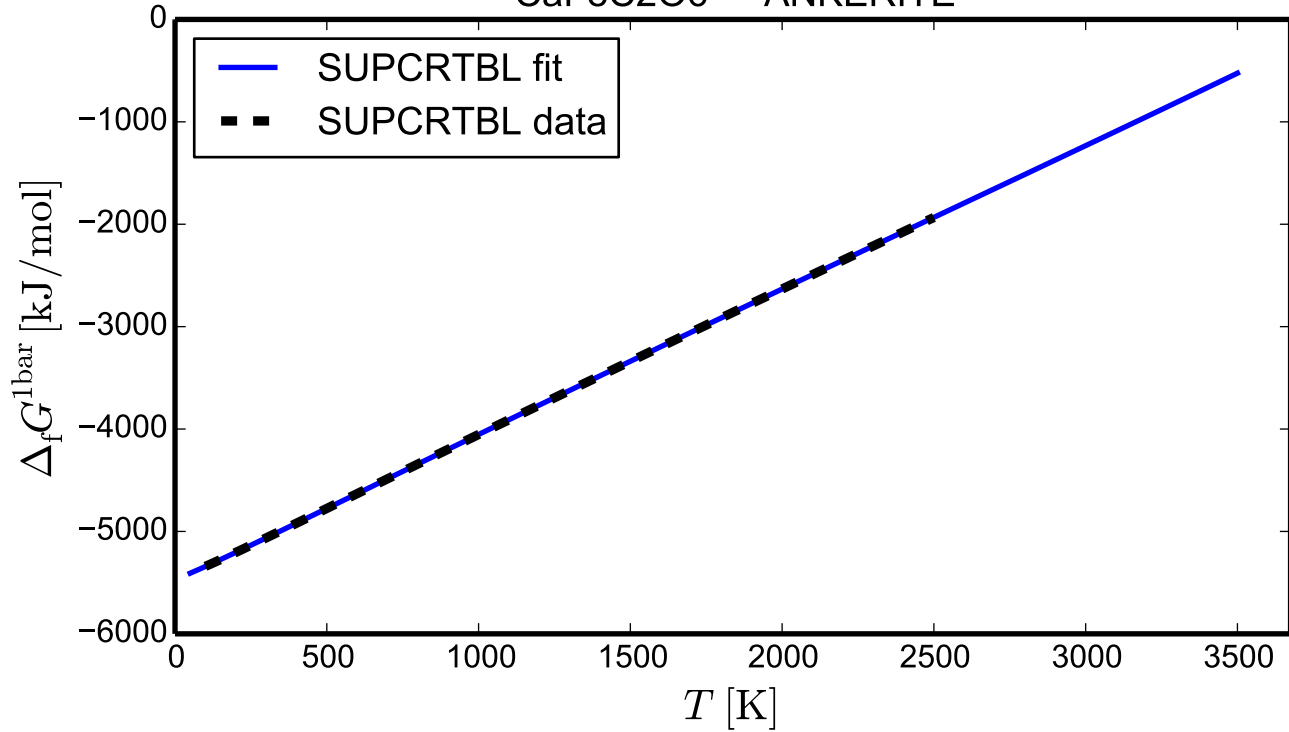
NaCl - HALITE



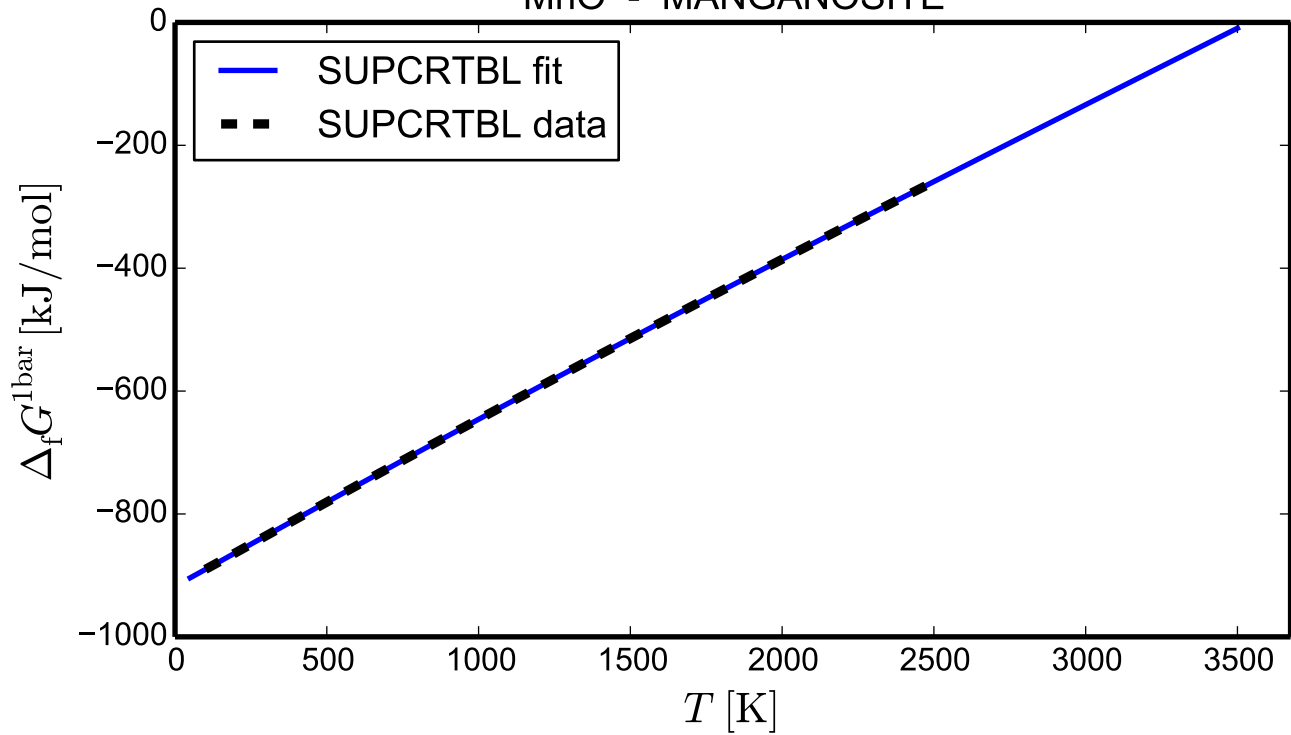
MgFe2O4 - MAGNESIOFERRITE

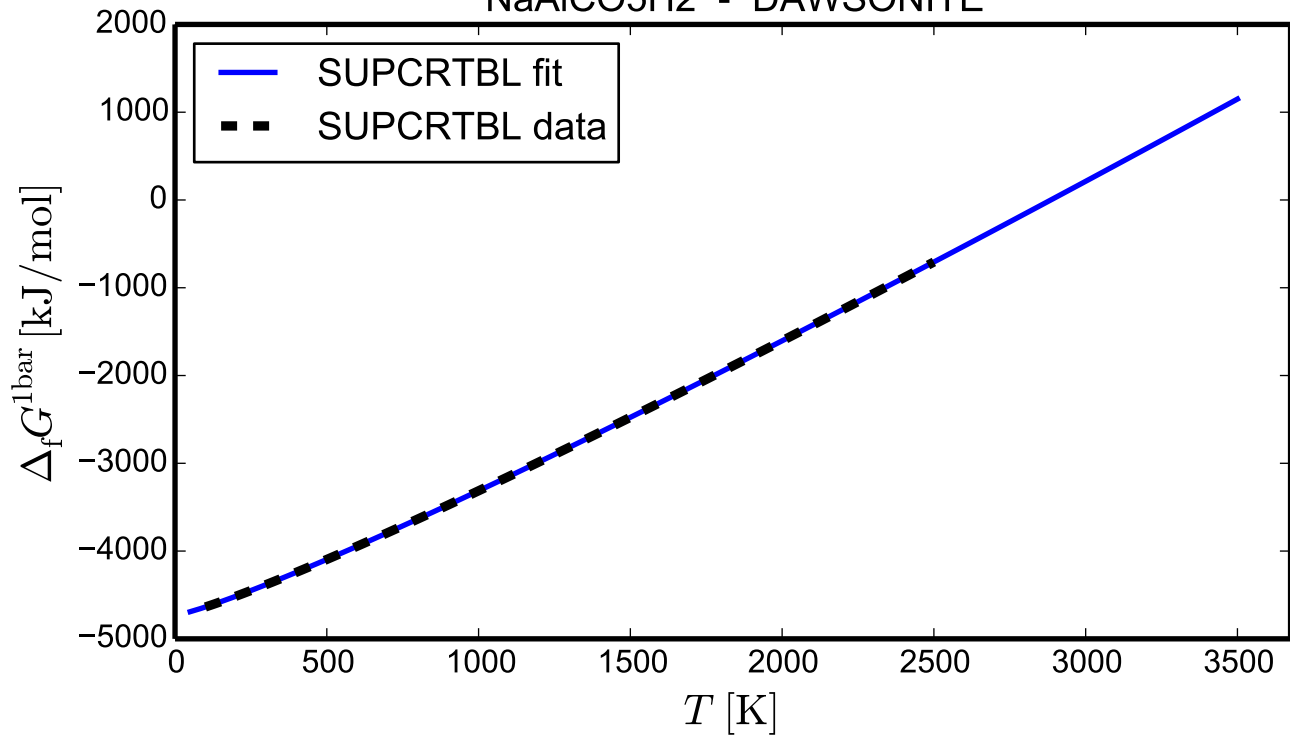


CaFeC2O6 - ANKERITE

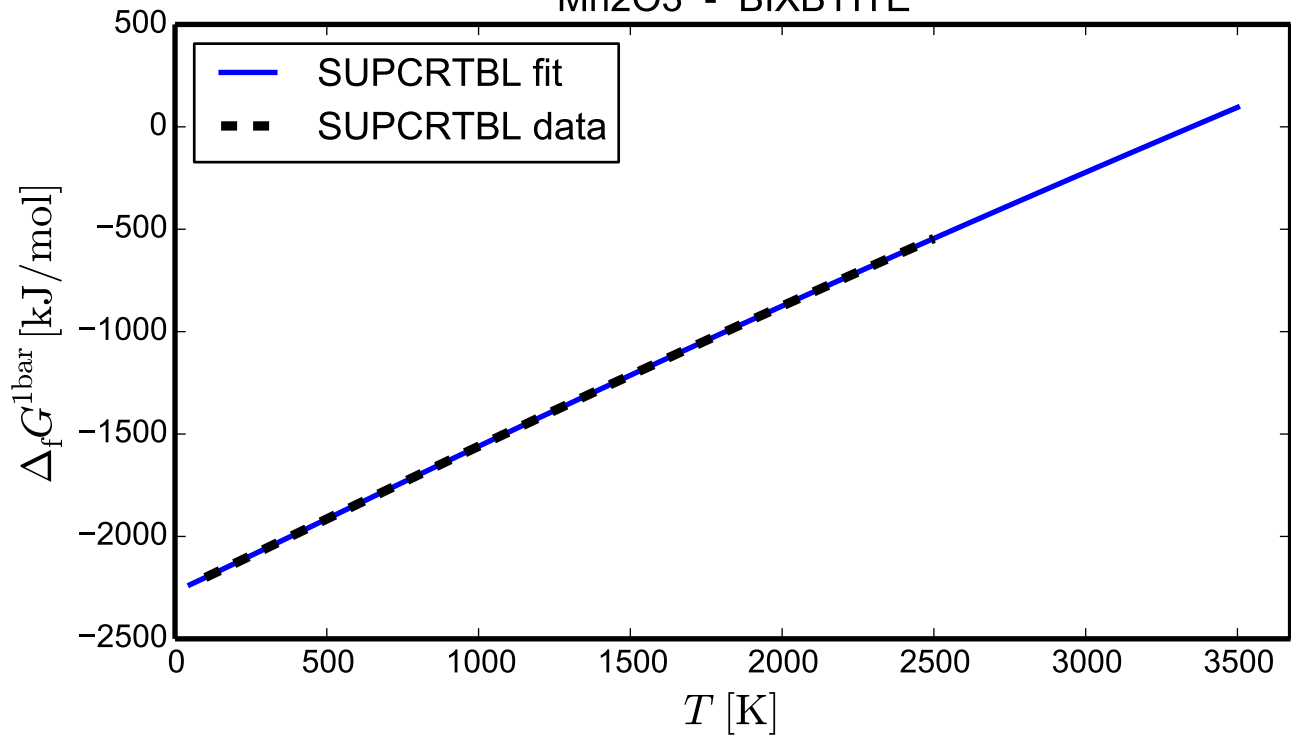


MnO - MANGANOSITE

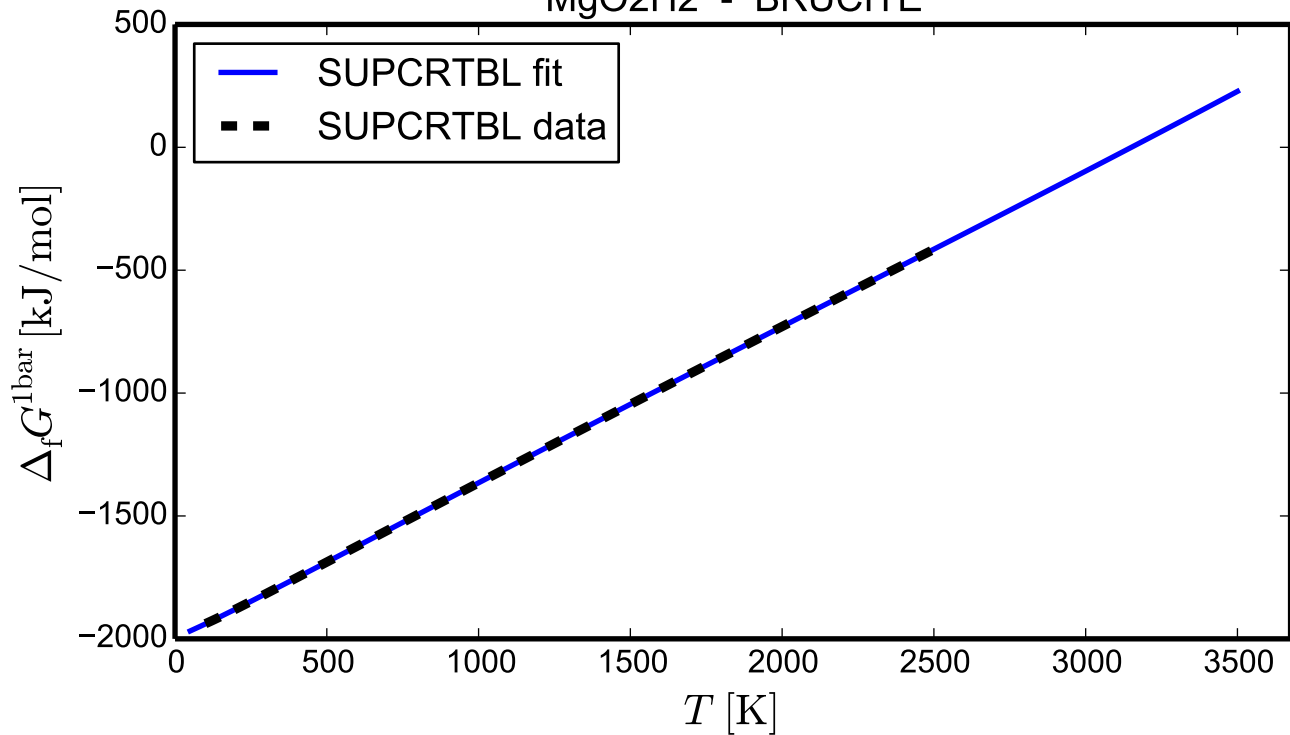


NaAlCO₅H₂ - DAWSONITE

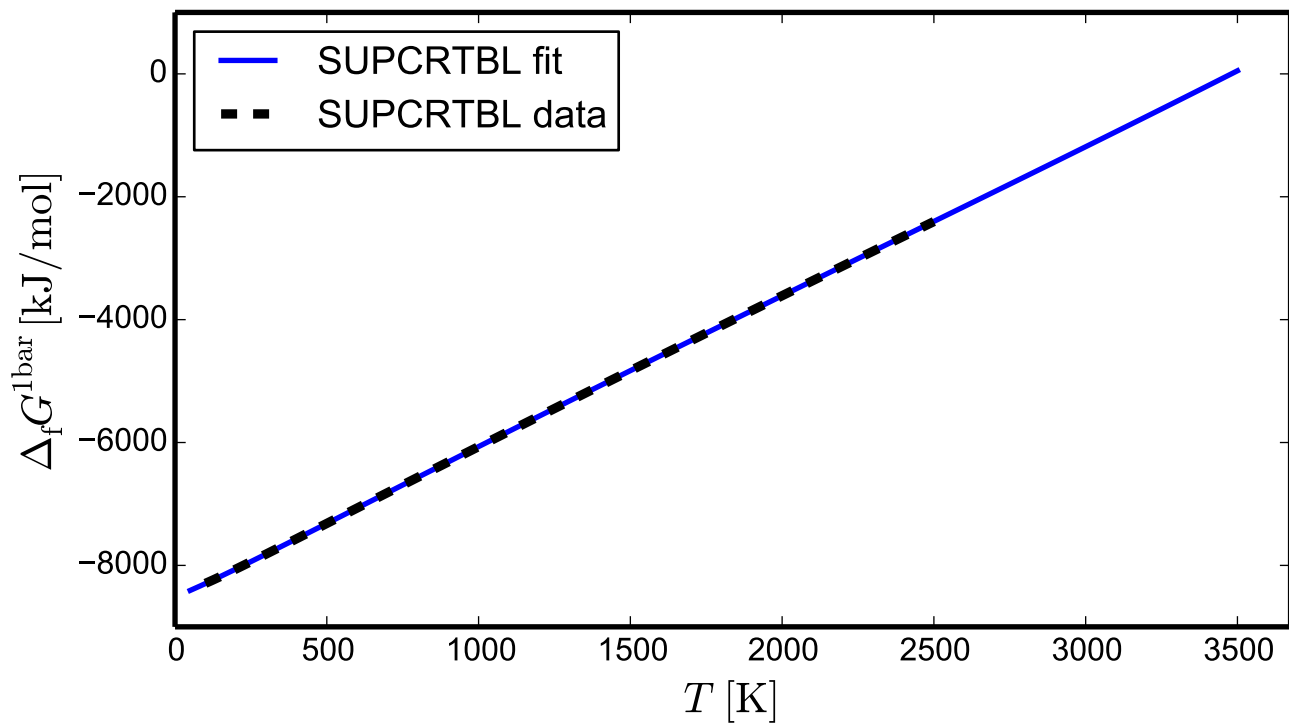
Mn₂O₃ - BIXBYITE



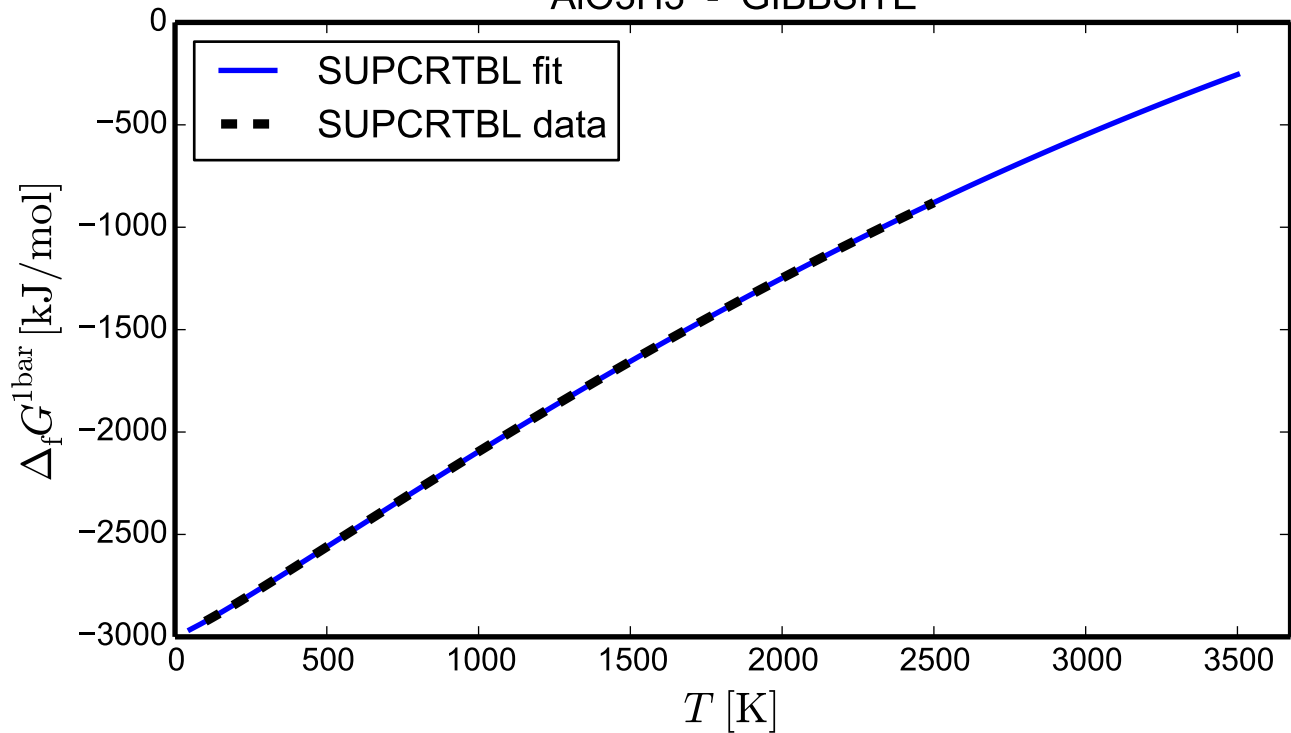
MgO2H2 - BRUCITE

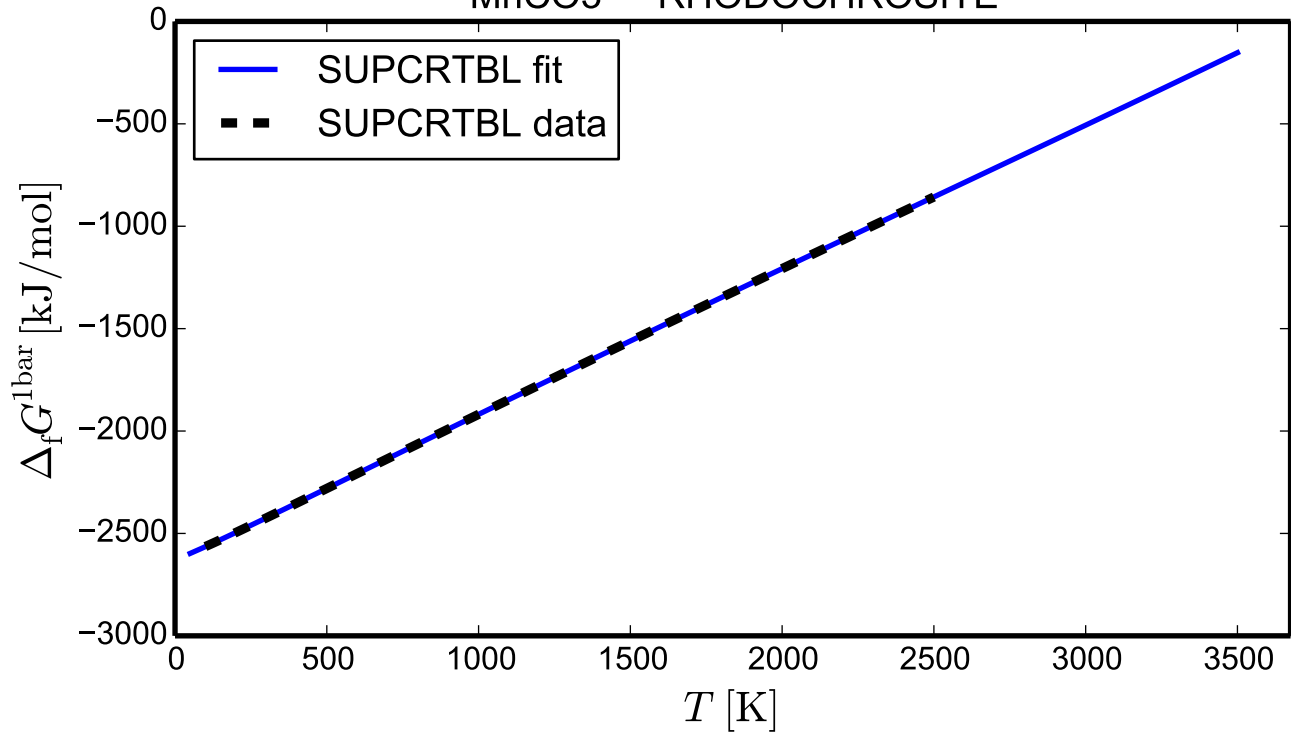


Fe3Si2O9H4 - GREENALITE

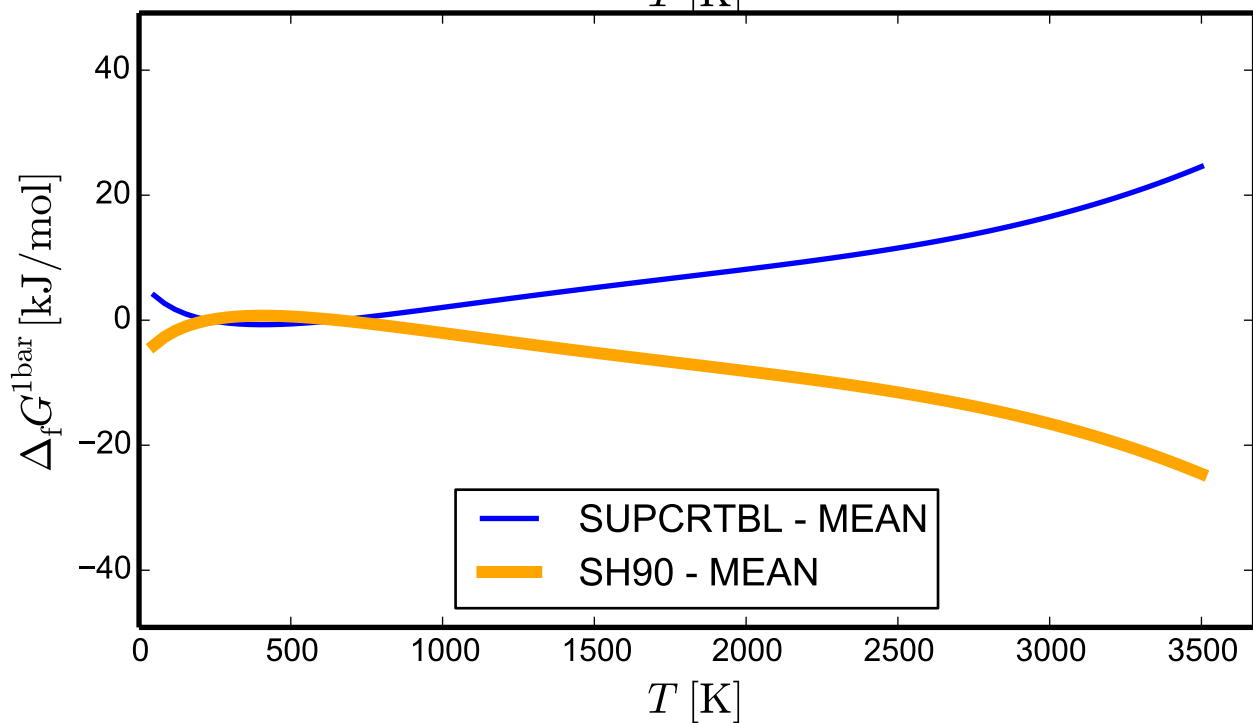
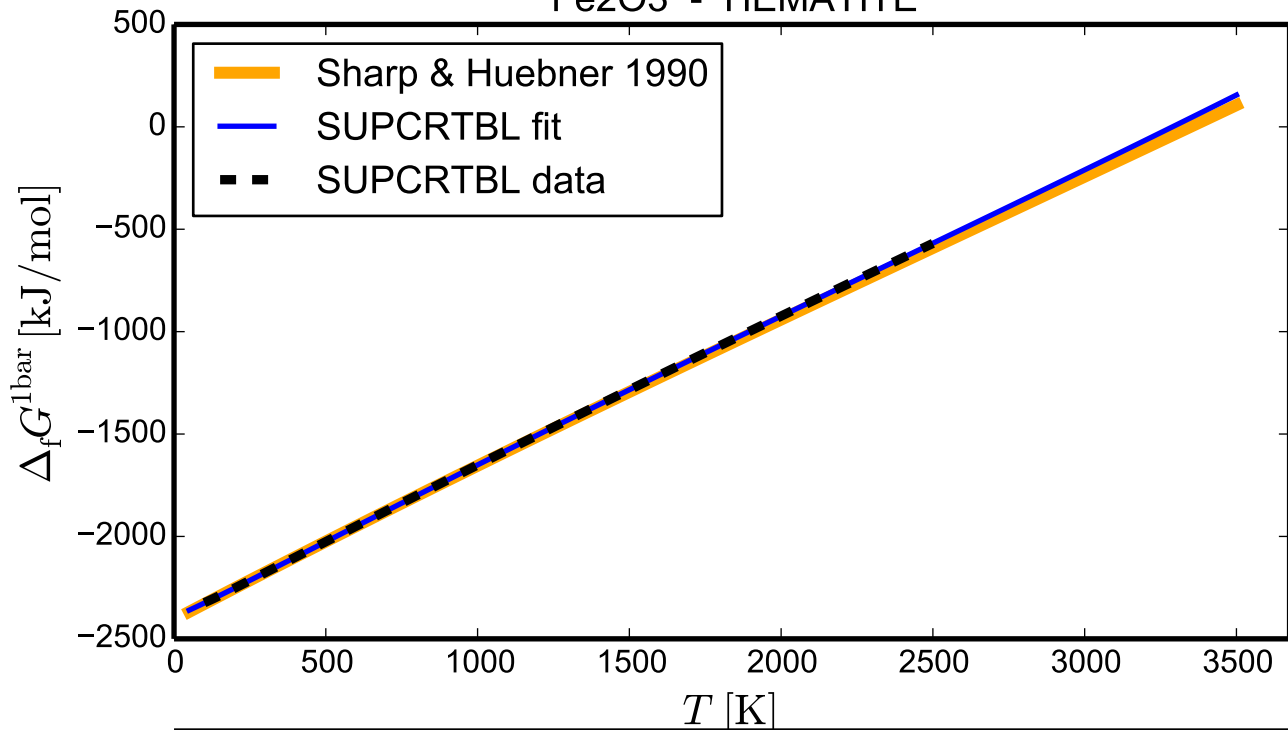


AlO3H3 - GIBBSITE

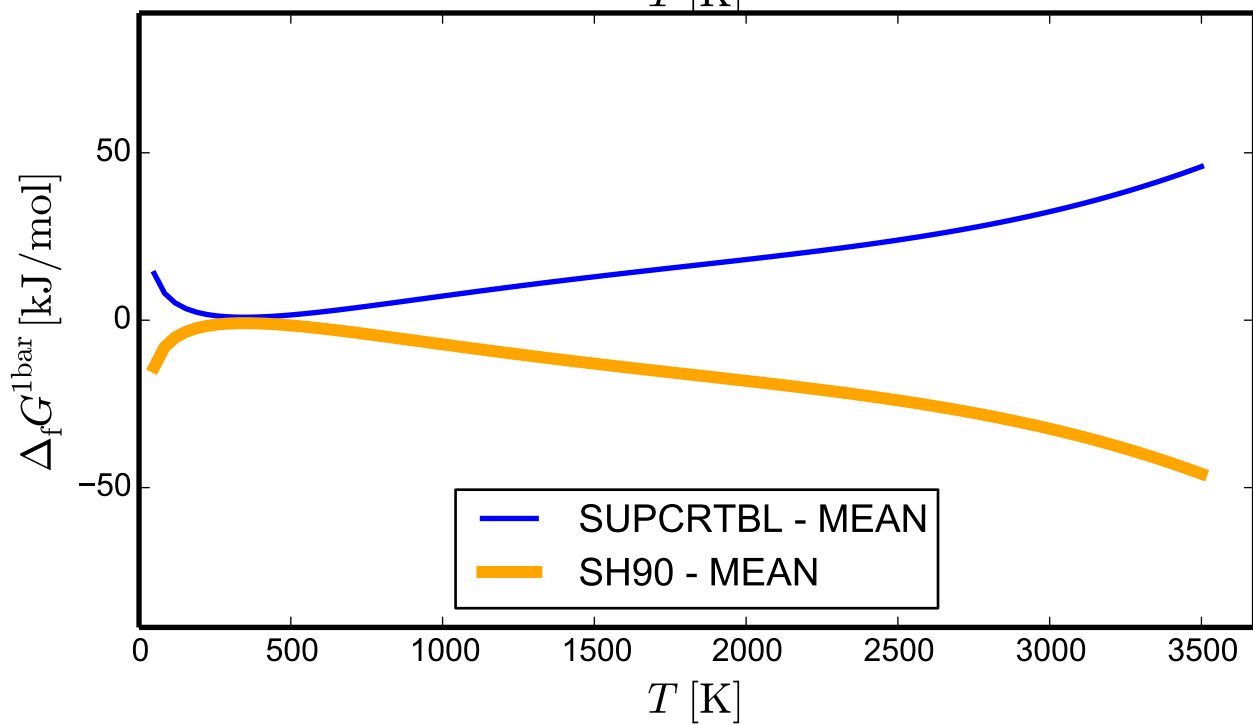
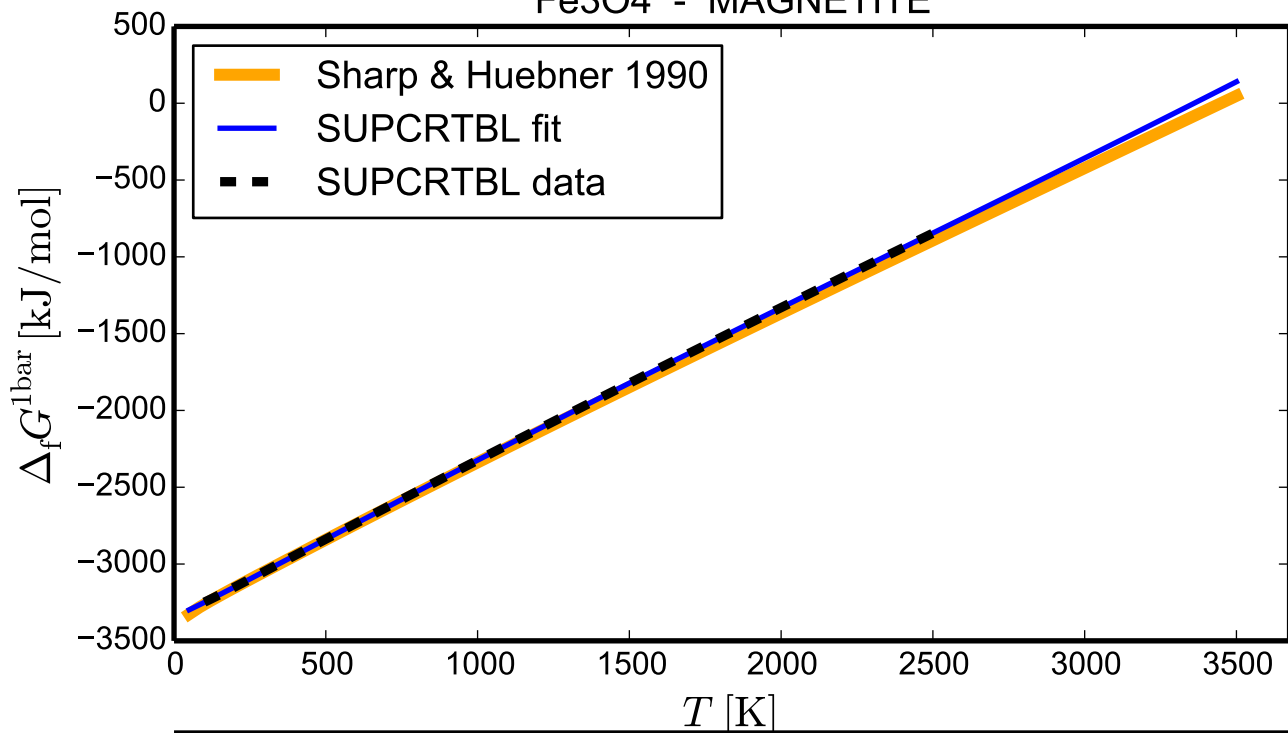


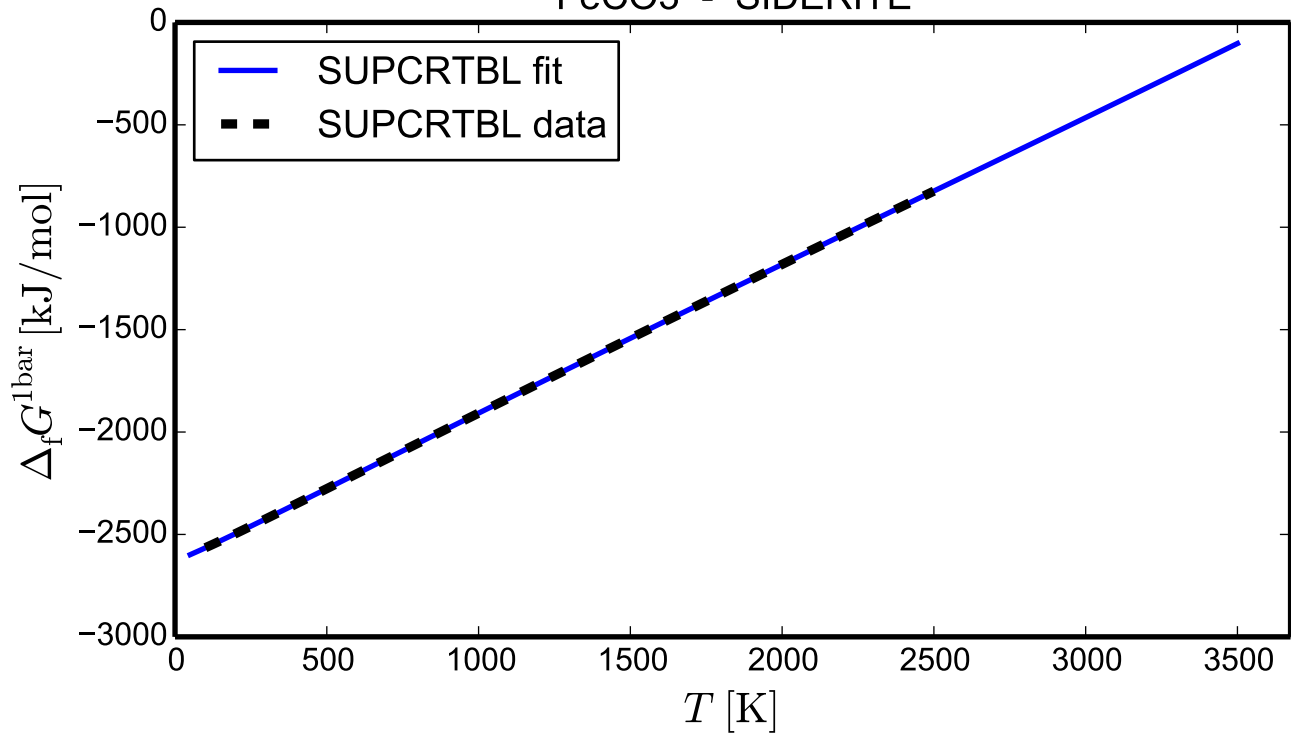
MnCO₃ - RHODOCHROSITE

Fe2O3 - HEMATITE

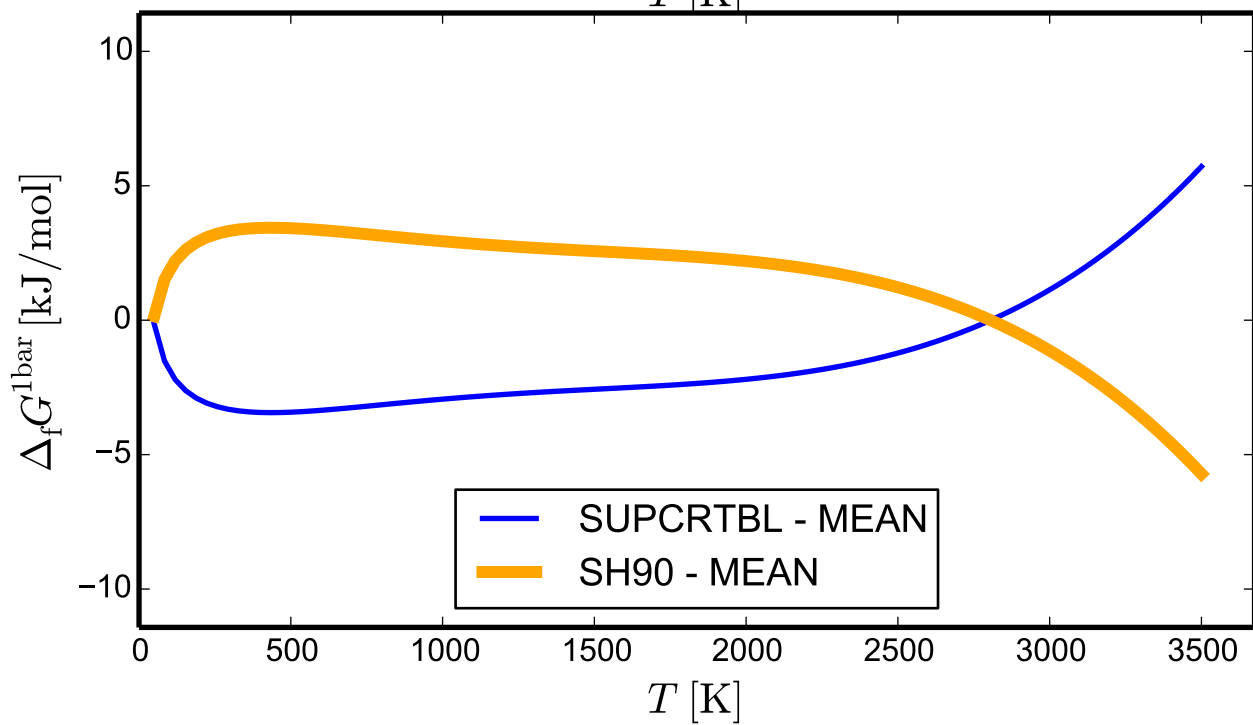
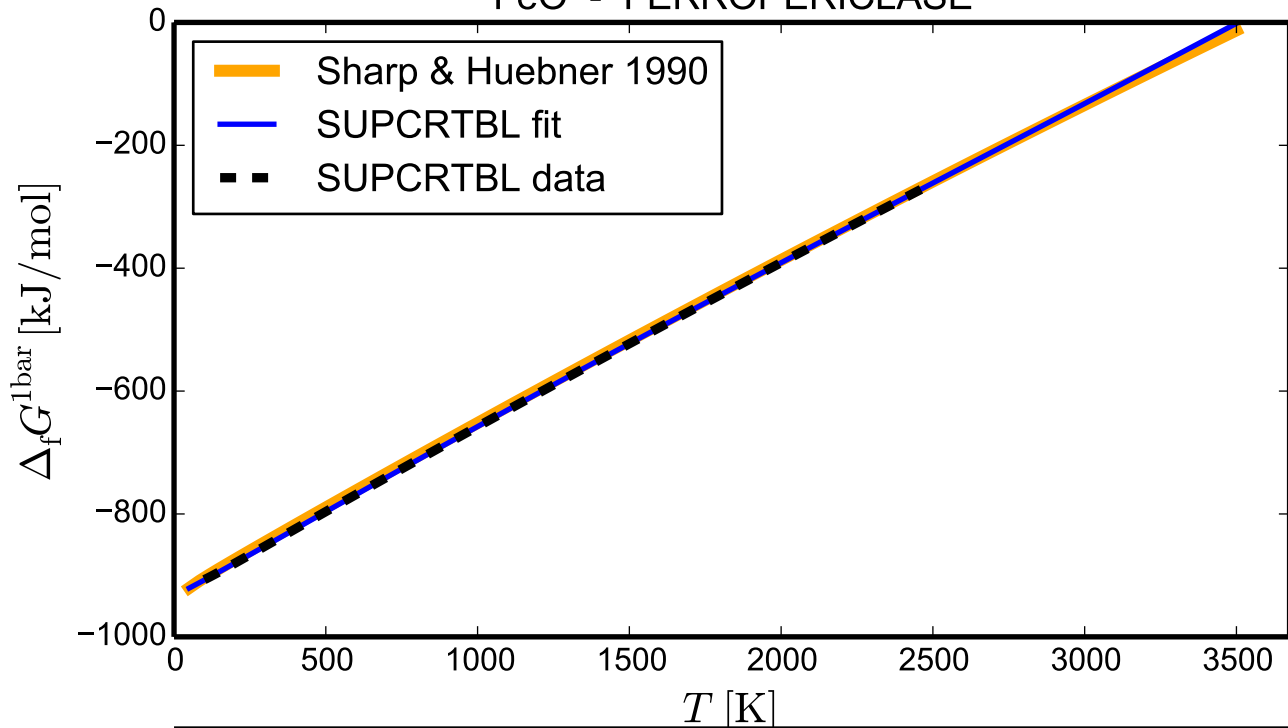


Fe3O4 - MAGNETITE

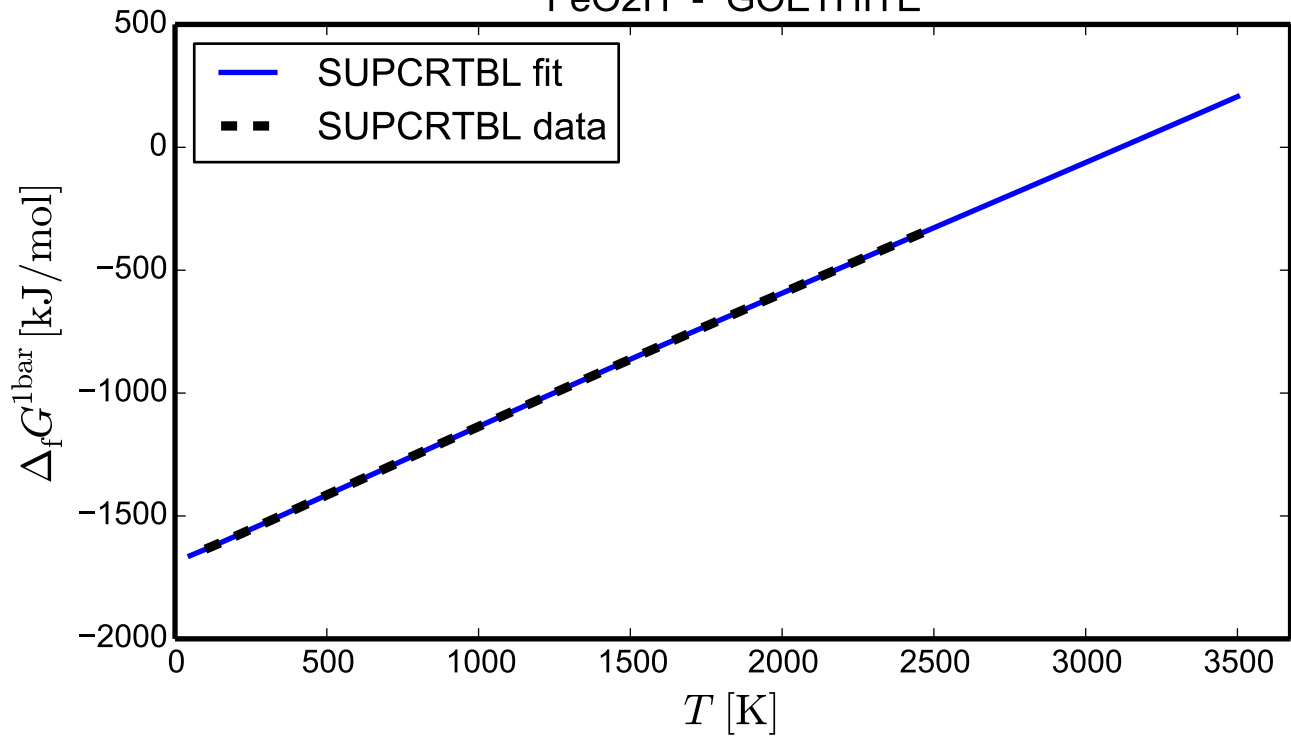


FeCO₃ - SIDERITE

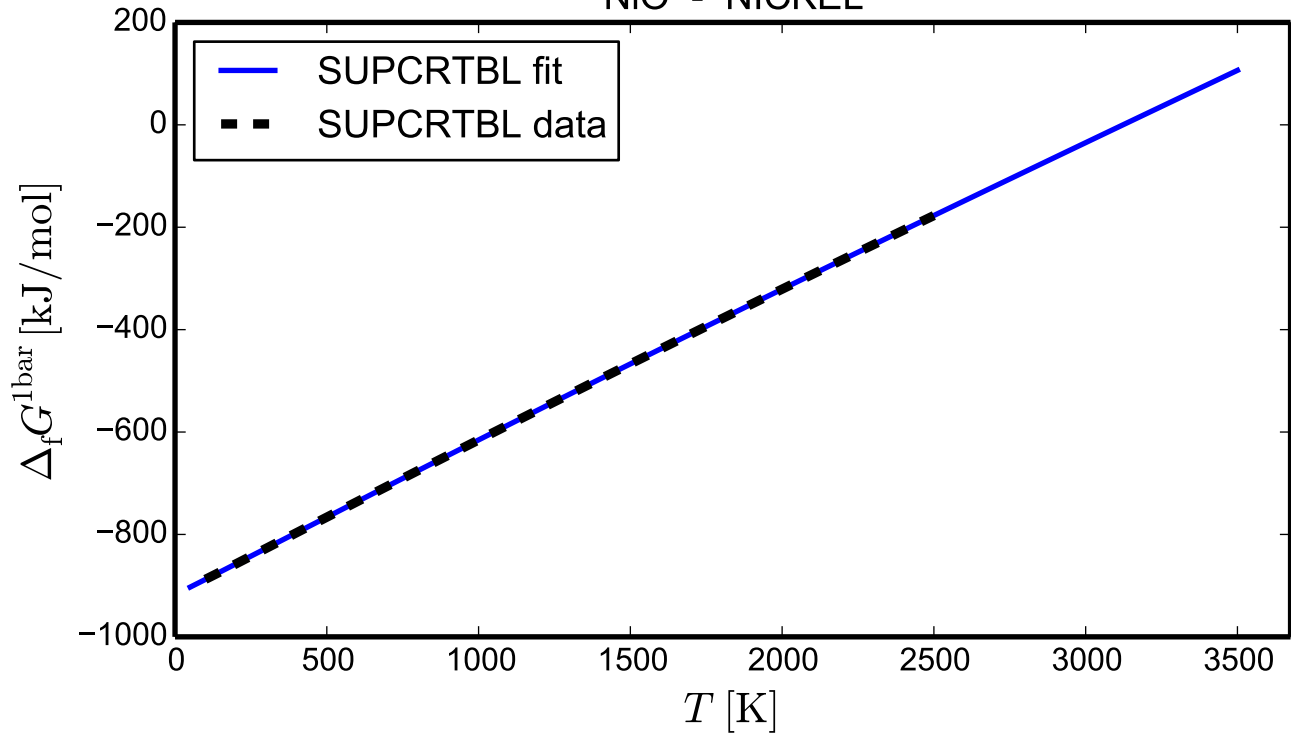
FeO - FERROPERICLASE



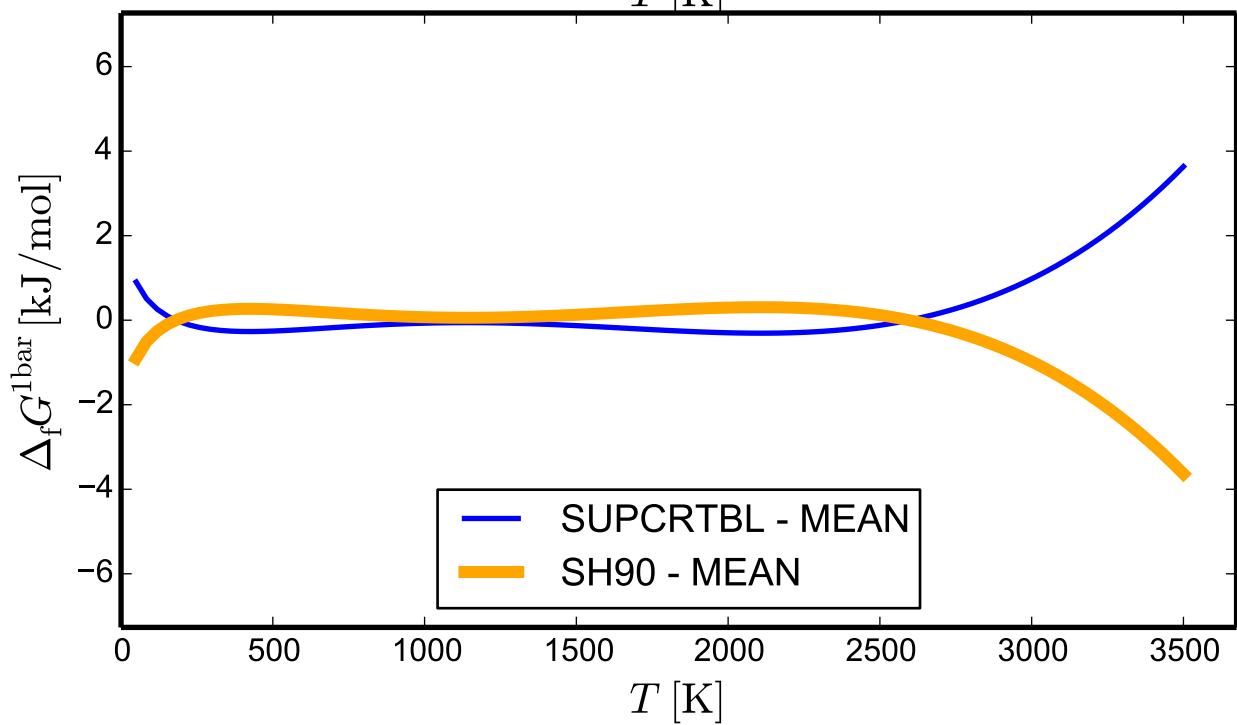
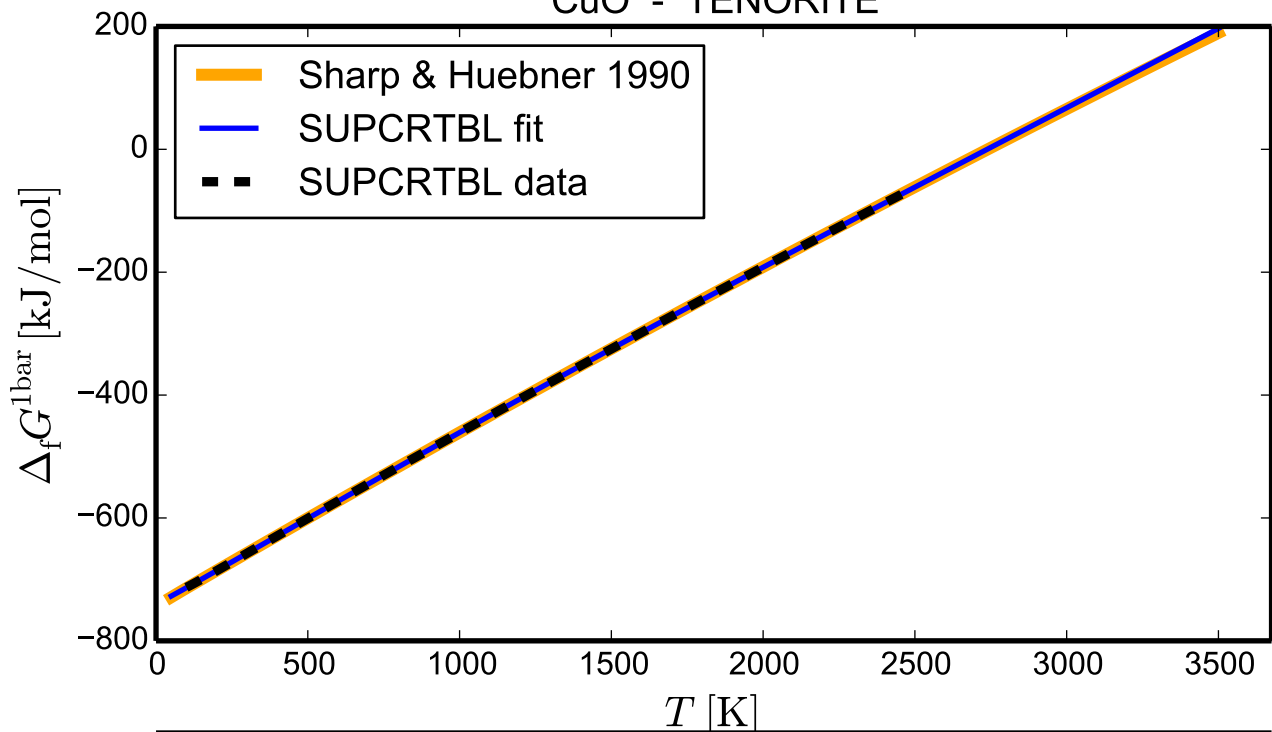
FeO2H - GOETHITE



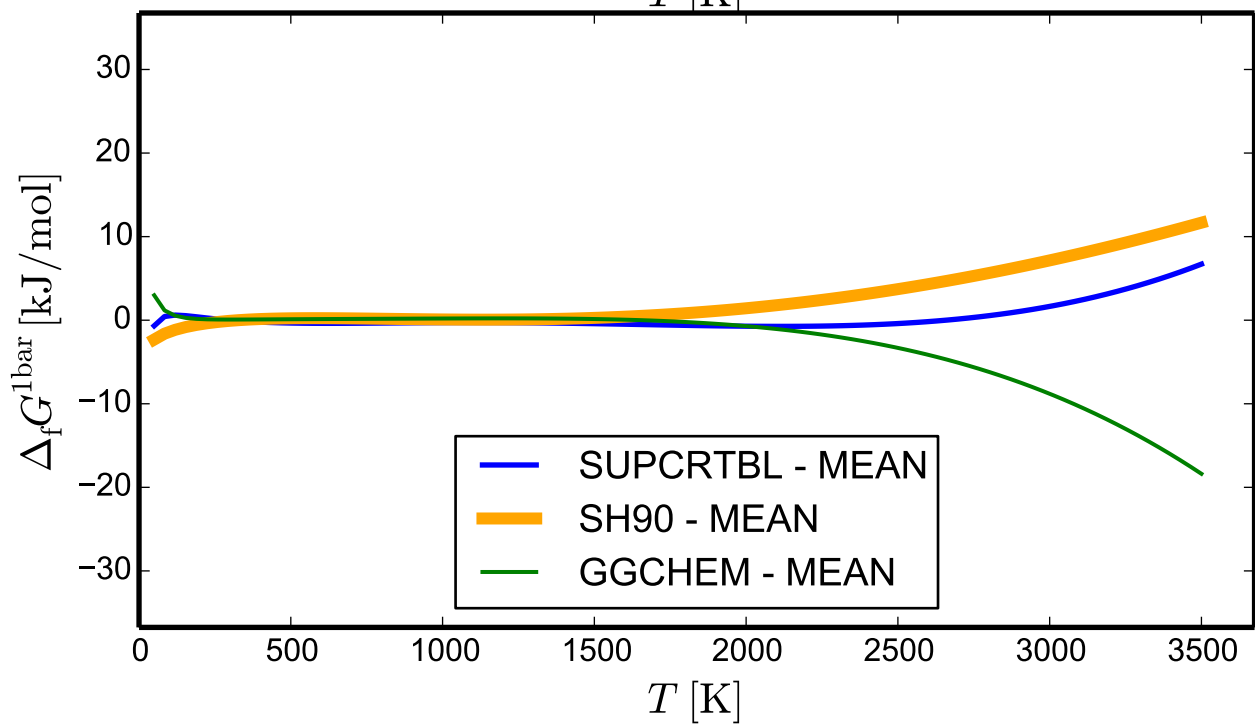
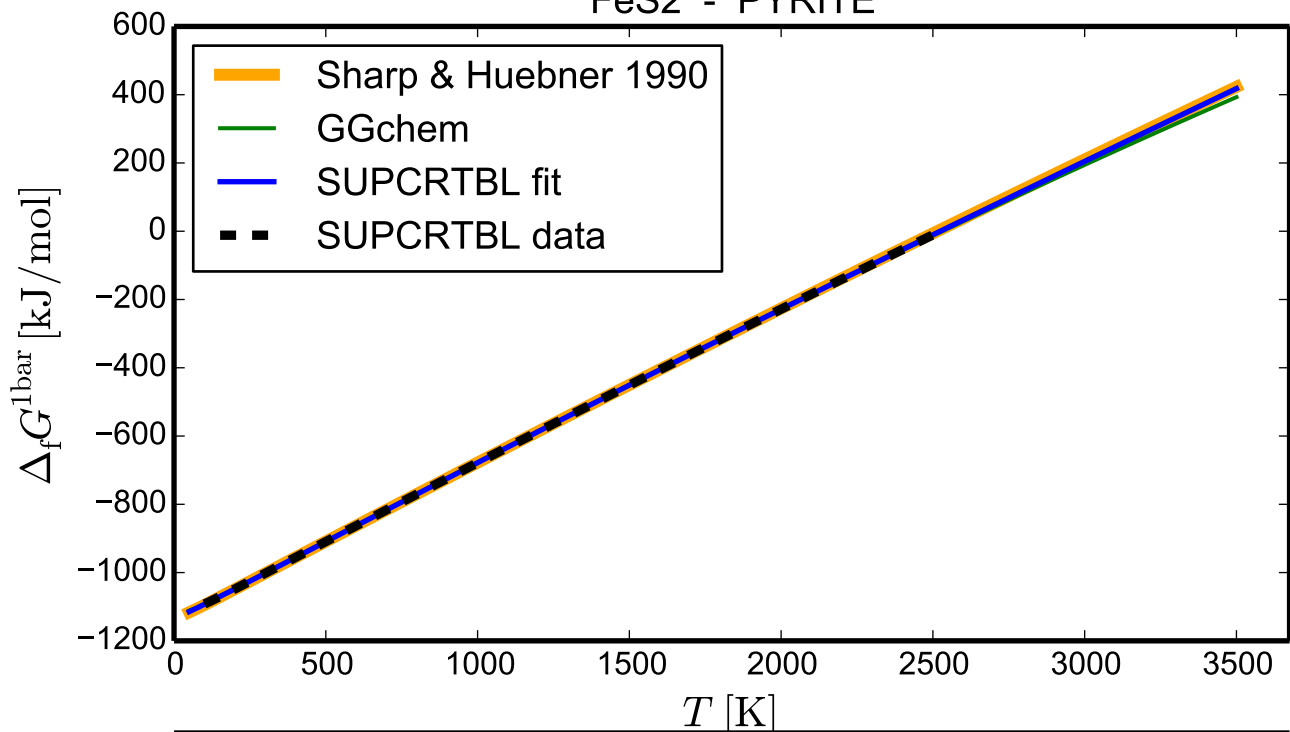
NiO - NICKEL



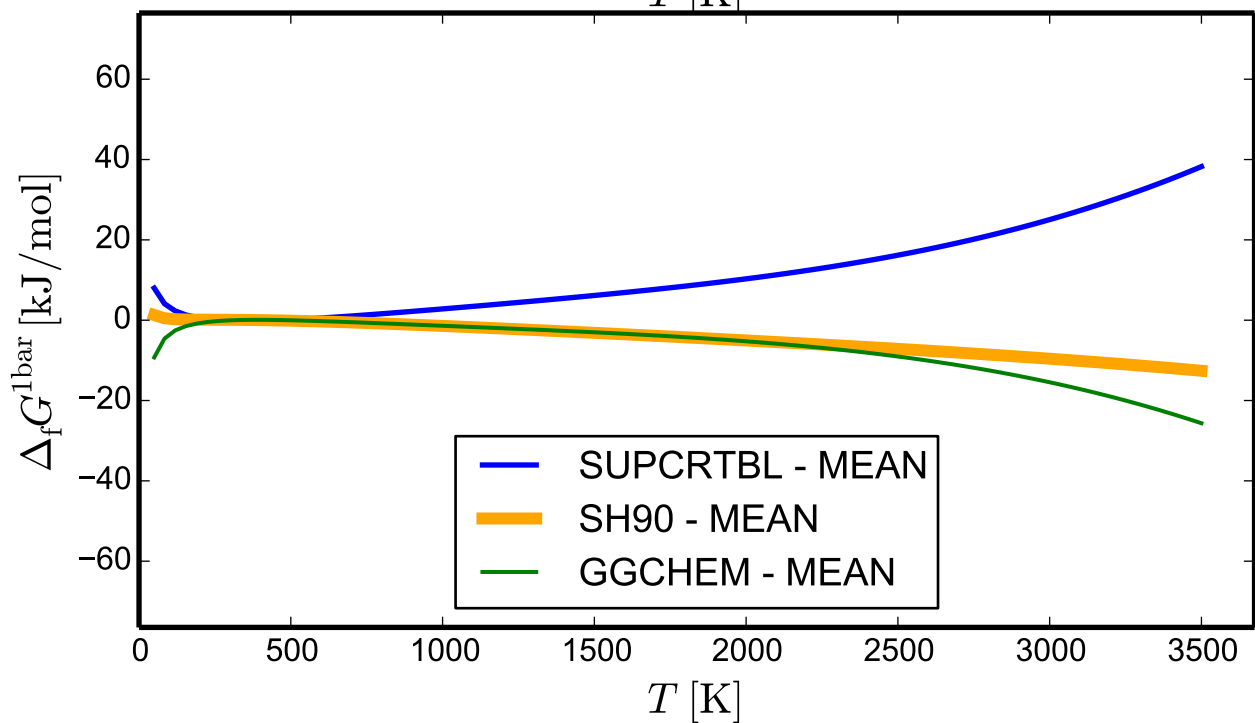
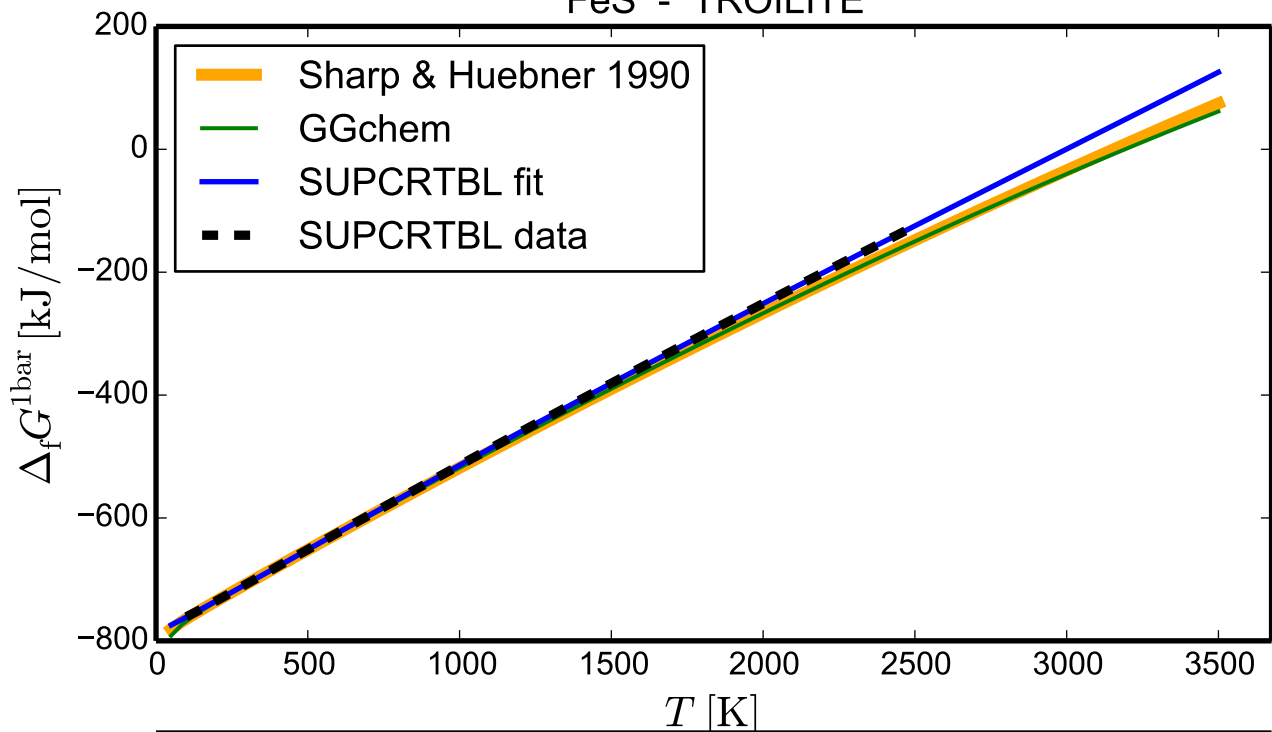
CuO - TENORITE



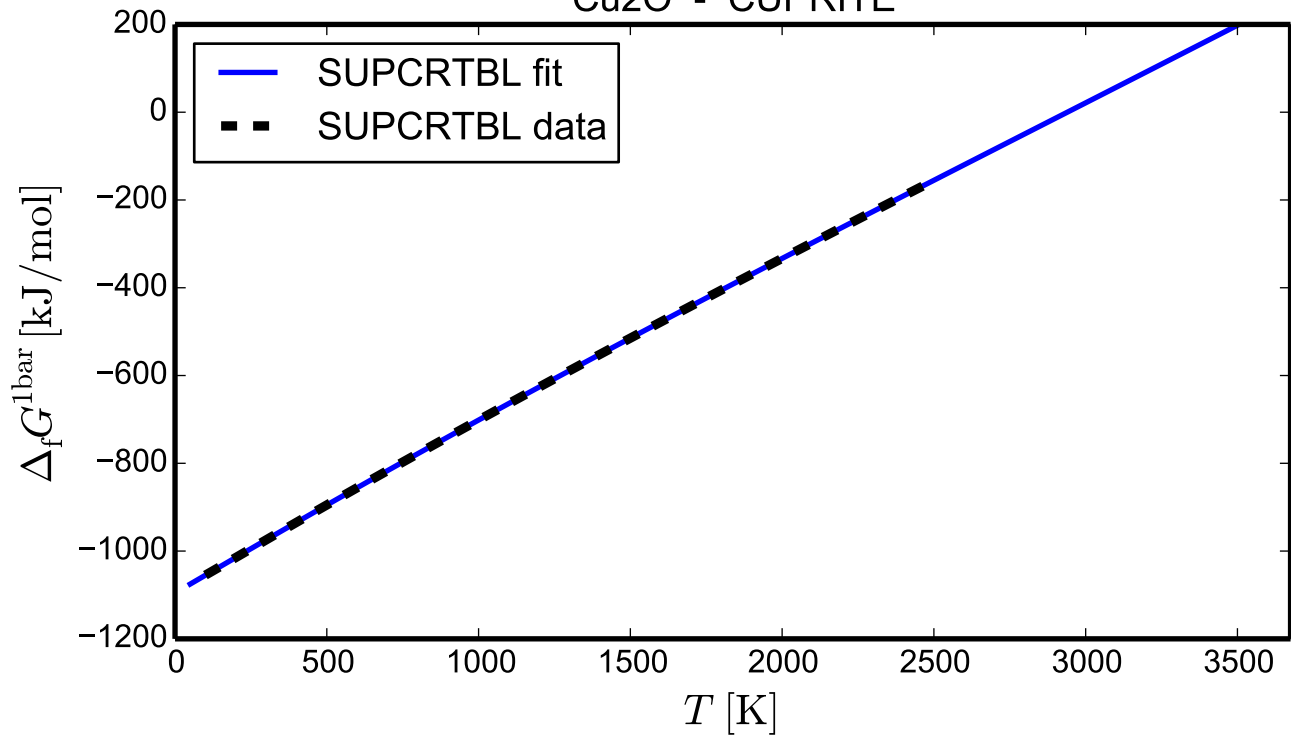
FeS2 - PYRITE



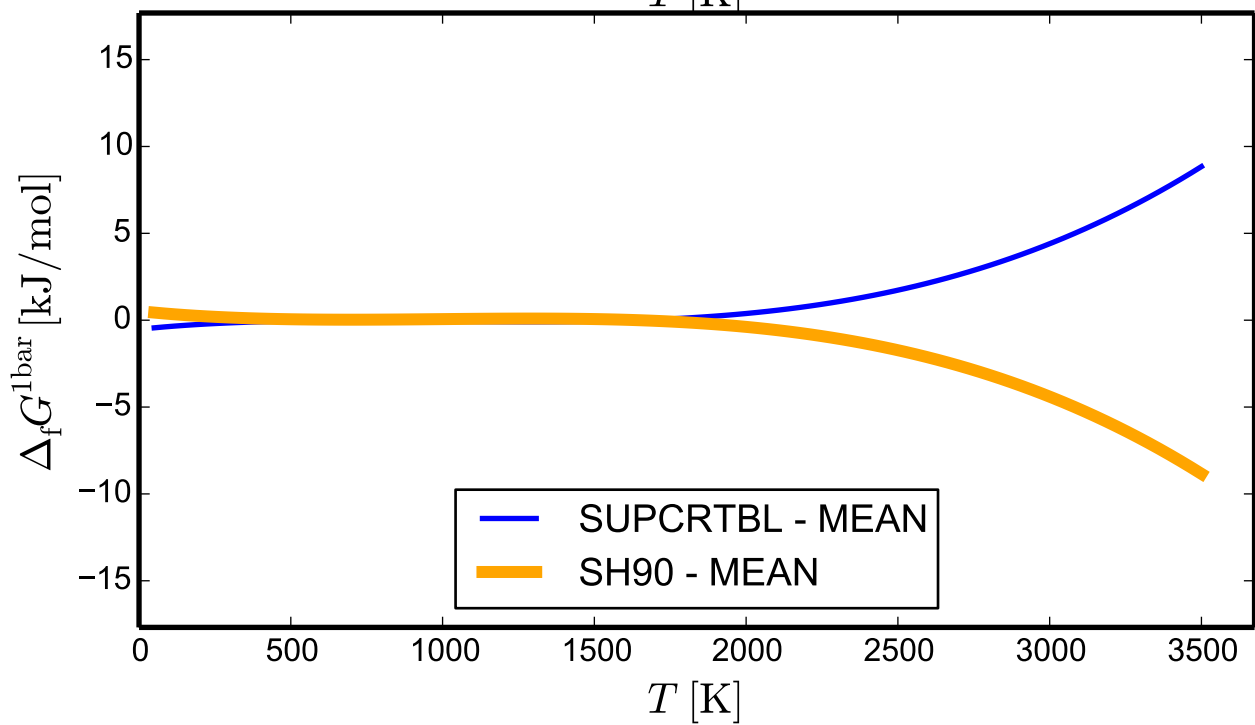
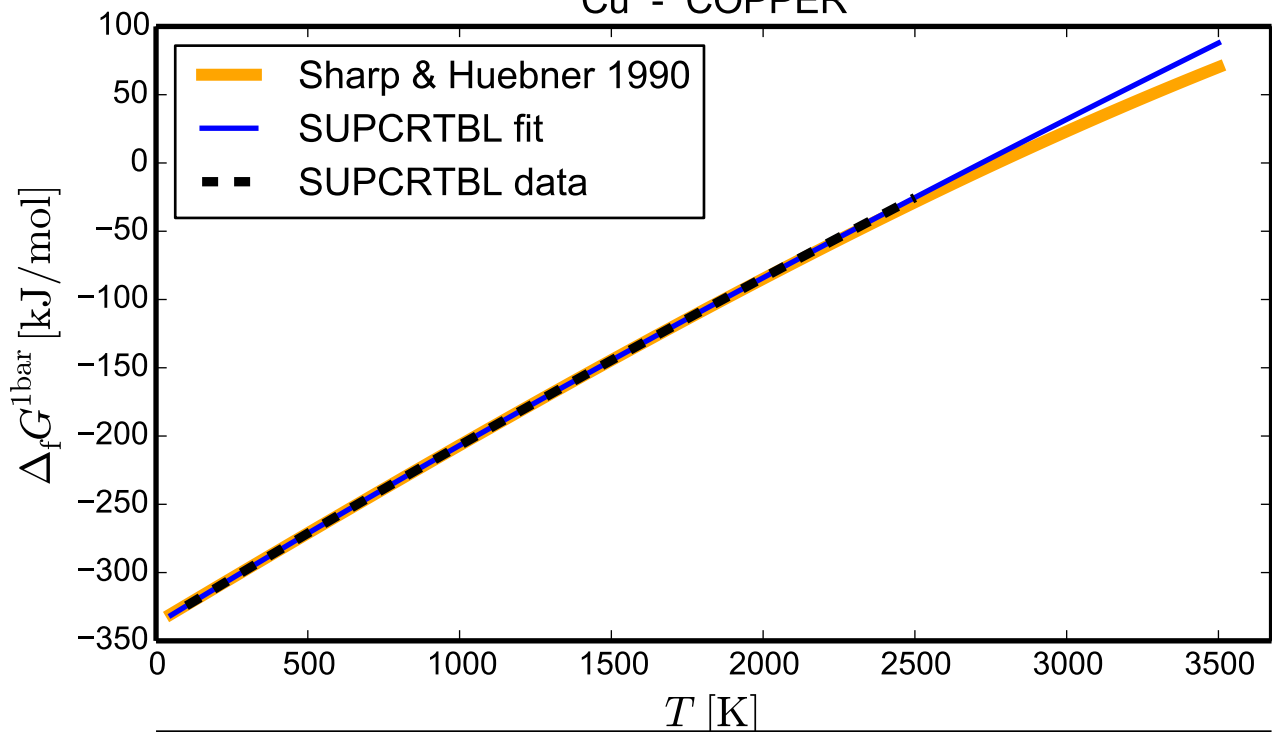
FeS - TROILITE



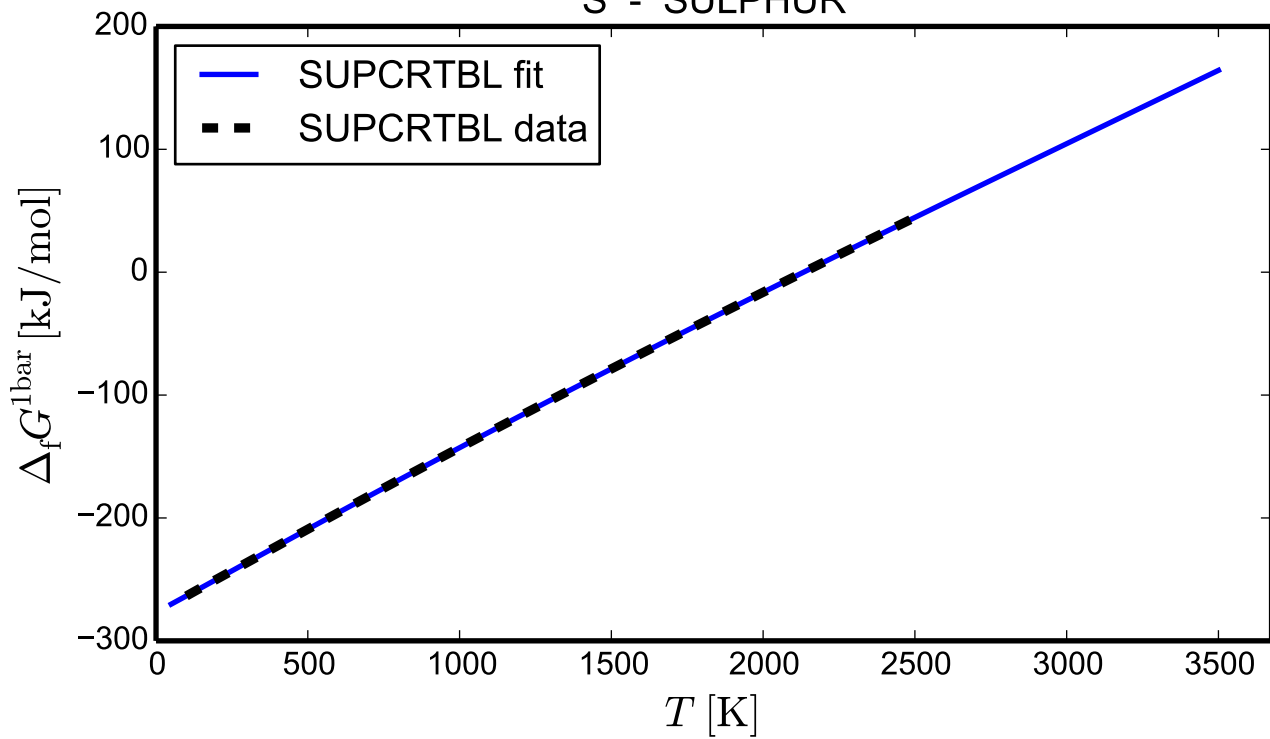
Cu2O - CUPRITE



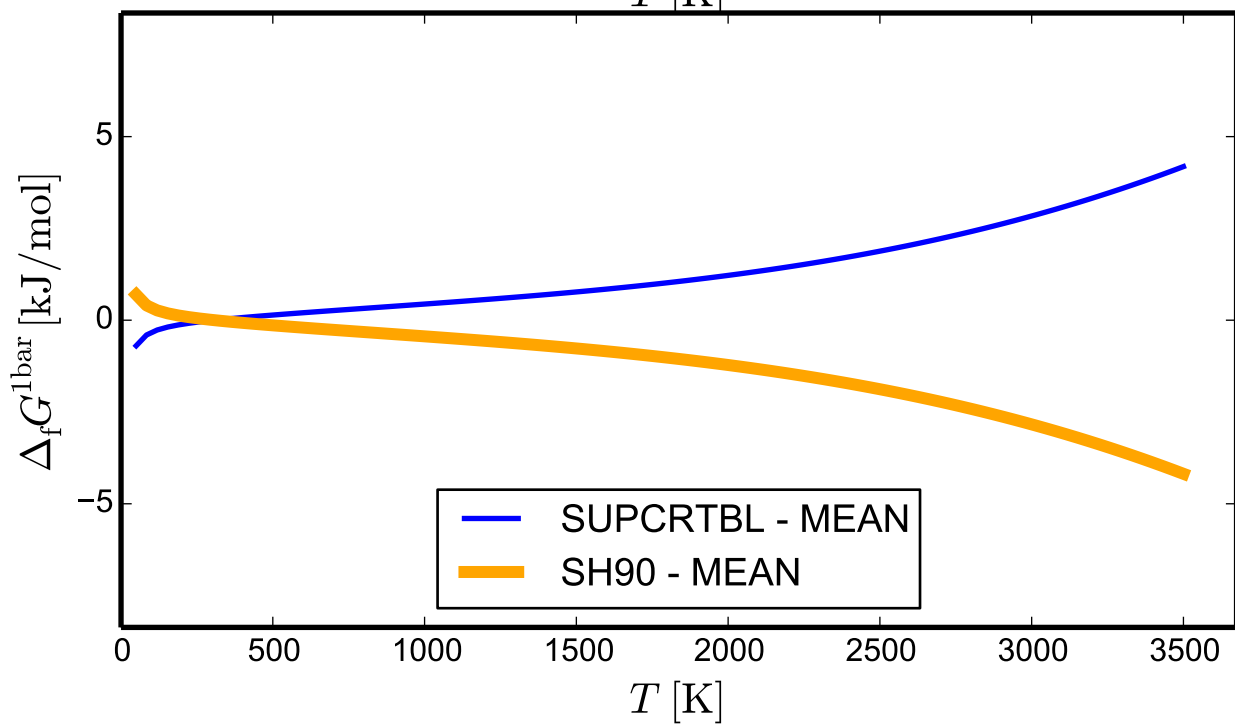
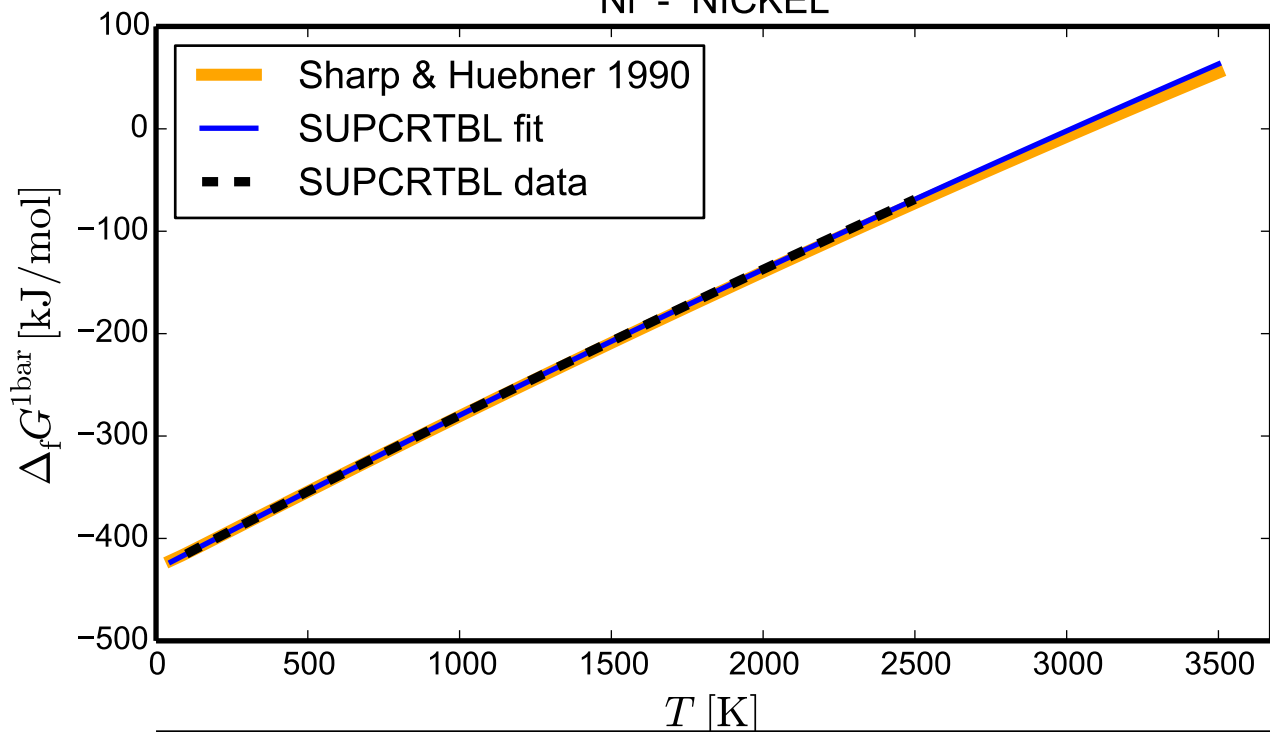
Cu - COPPER



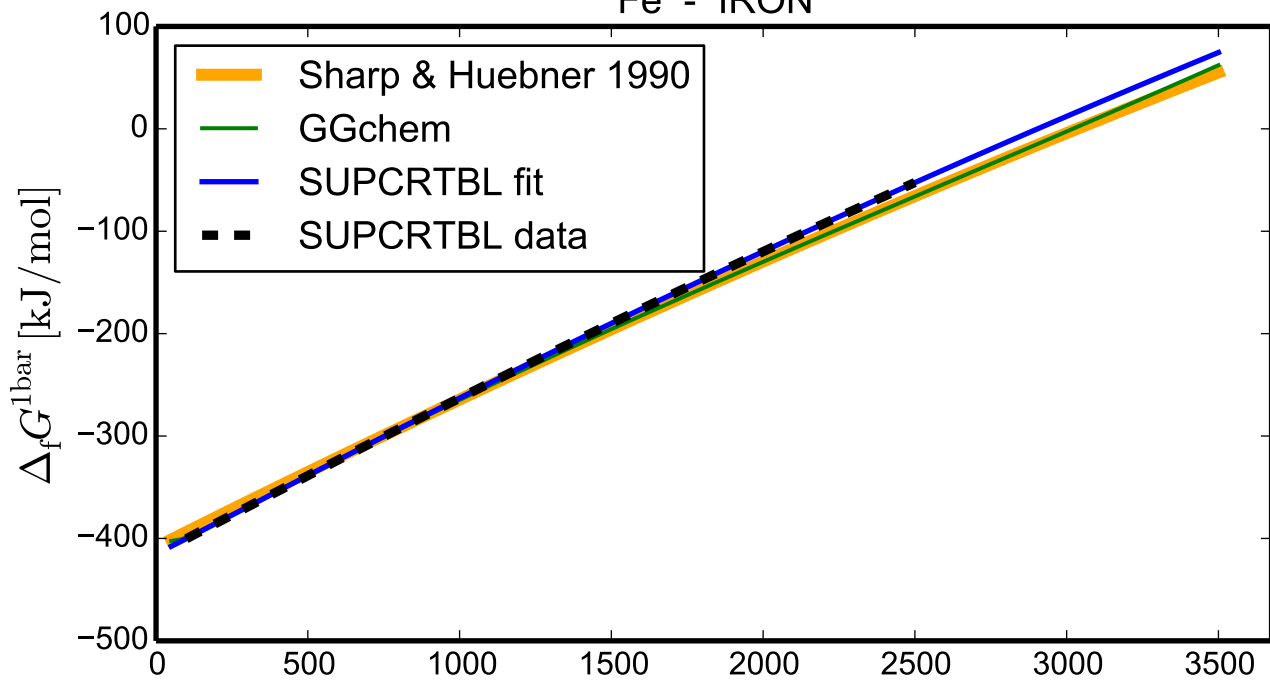
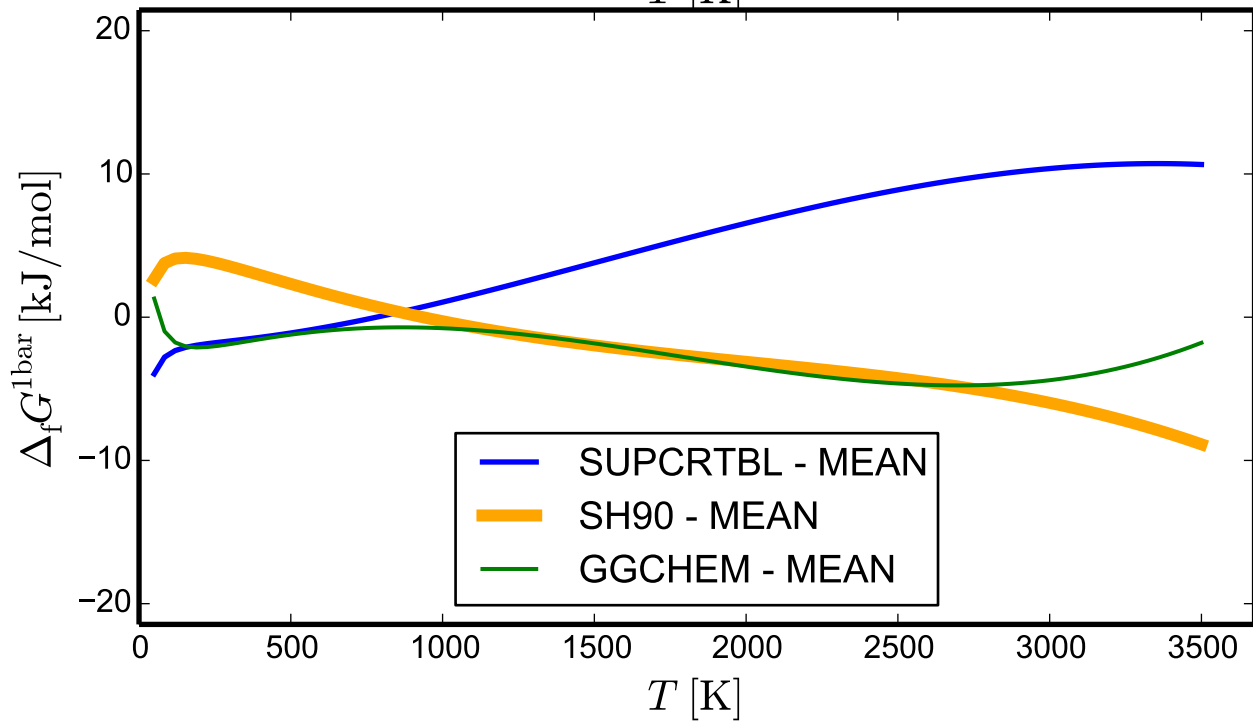
S - SULPHUR



Ni - NICKEL



Fe - IRON

 T [K] T [K]

C - GRAPHITE

