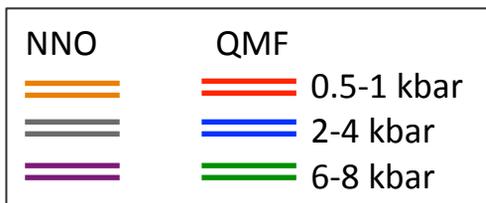
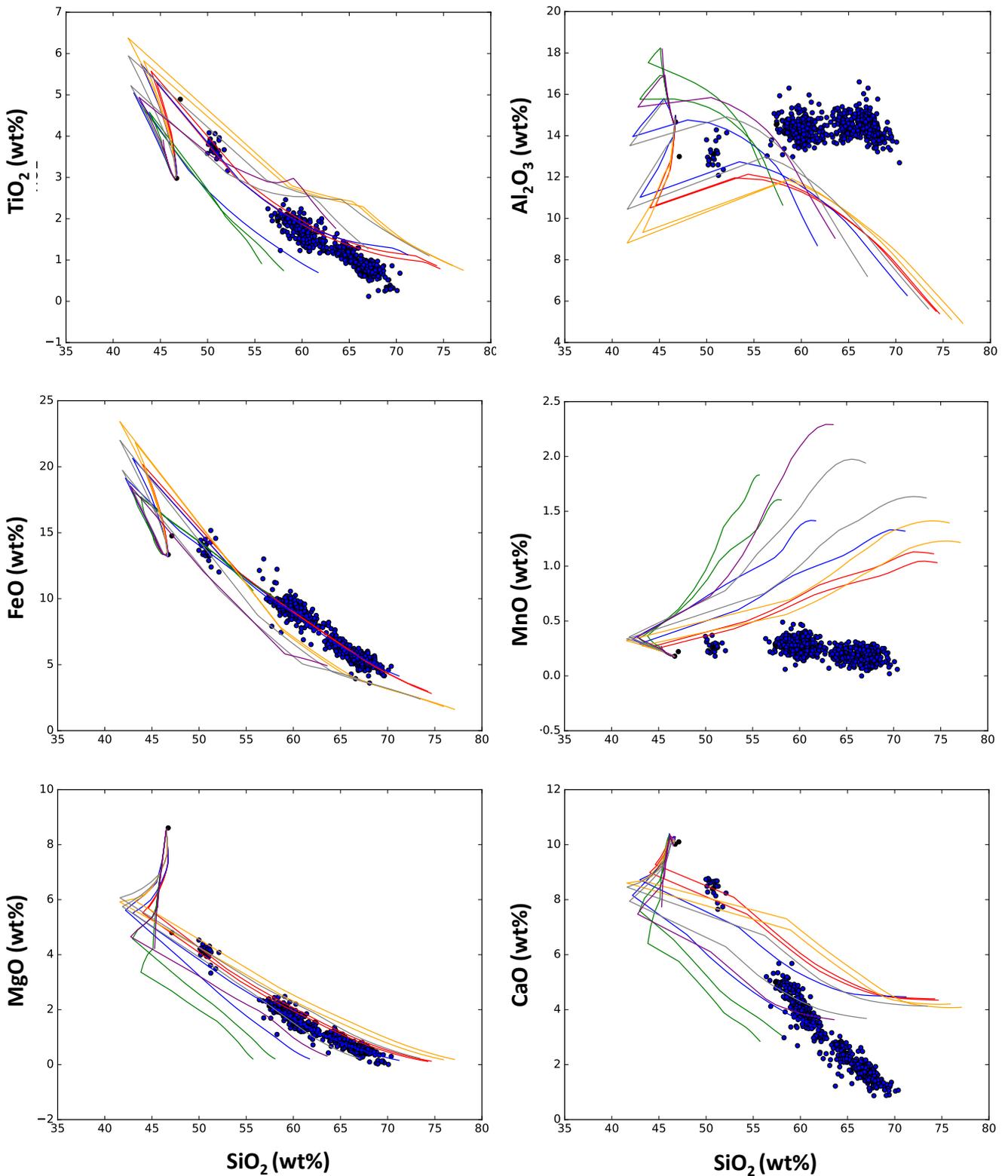
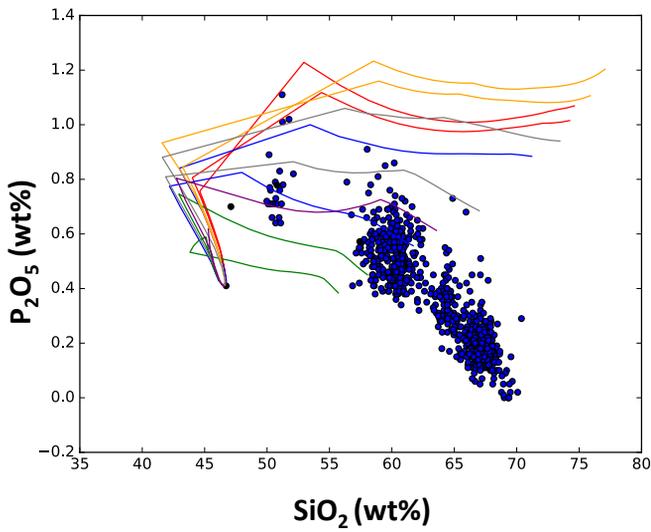
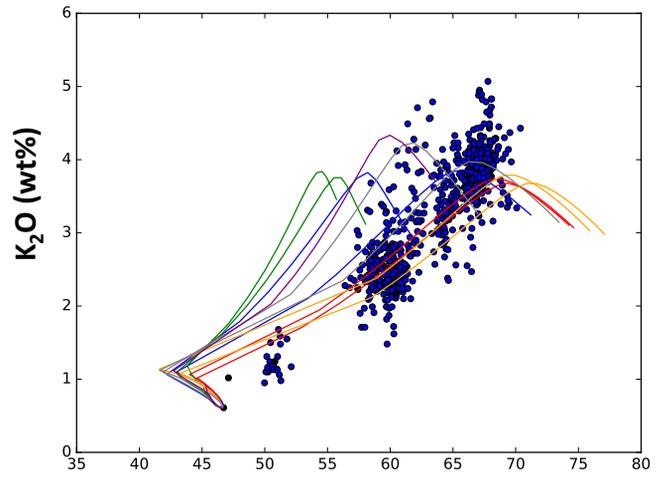
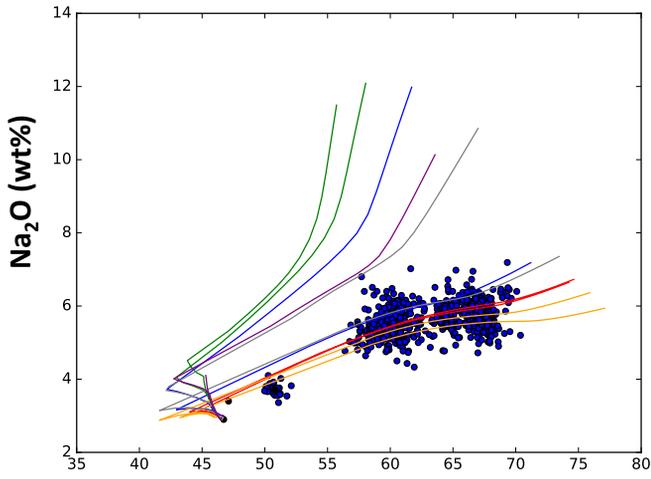


xi) Plots of Liquid lines of descent (LLD) calculated with MELTS using varying starting melt compositions under varying conditions

Starting Melt WR BAS I at 0.0 wt% H₂O

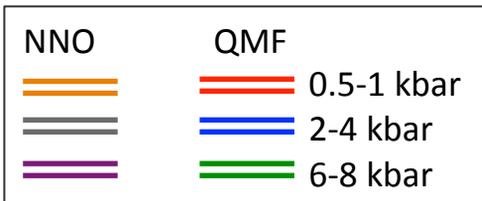
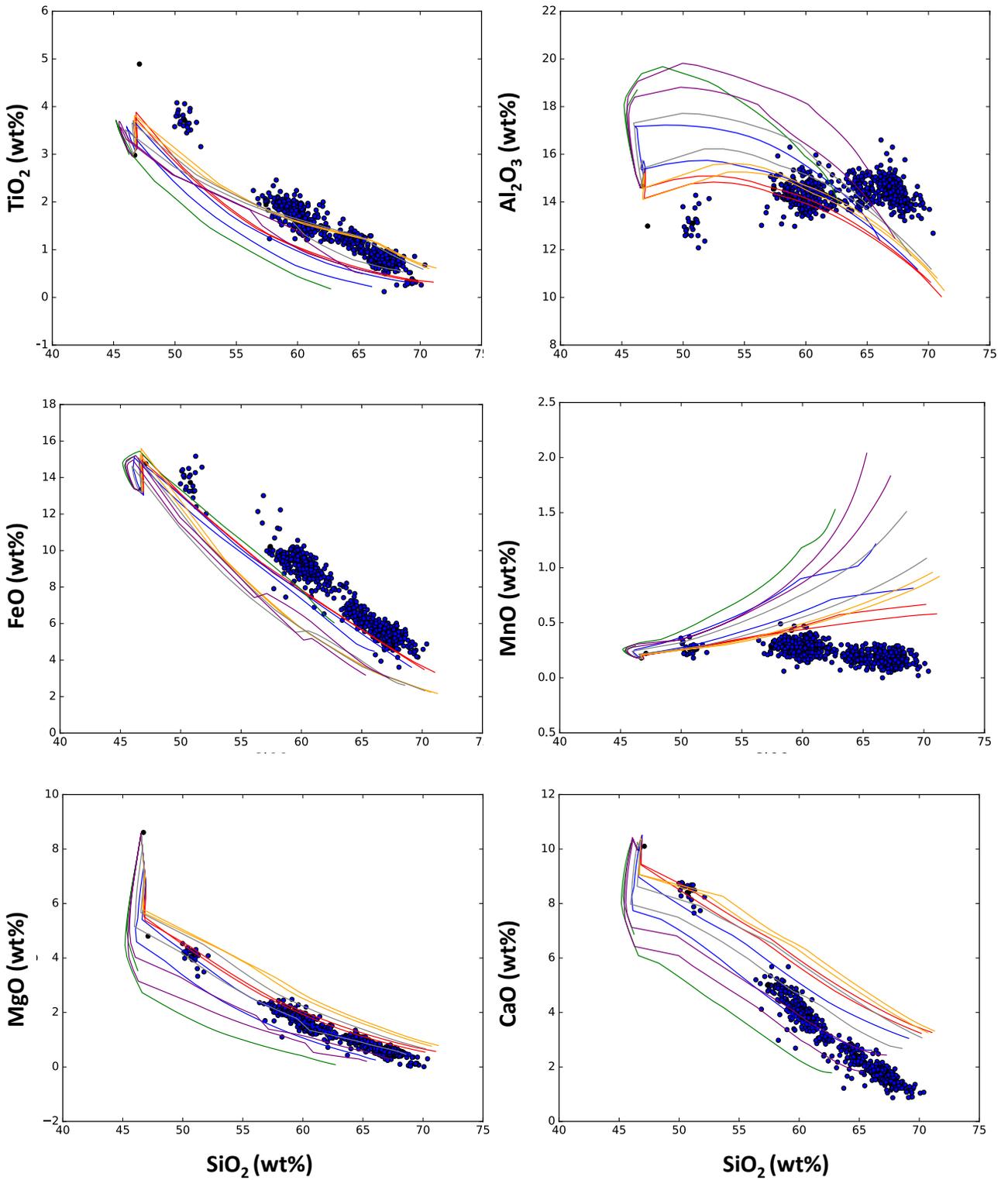


Starting Melt WR BAS I at 0.0 wt% H₂O

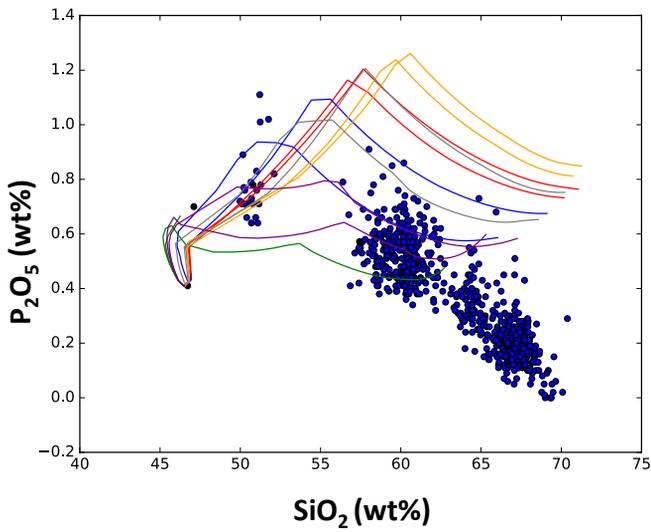
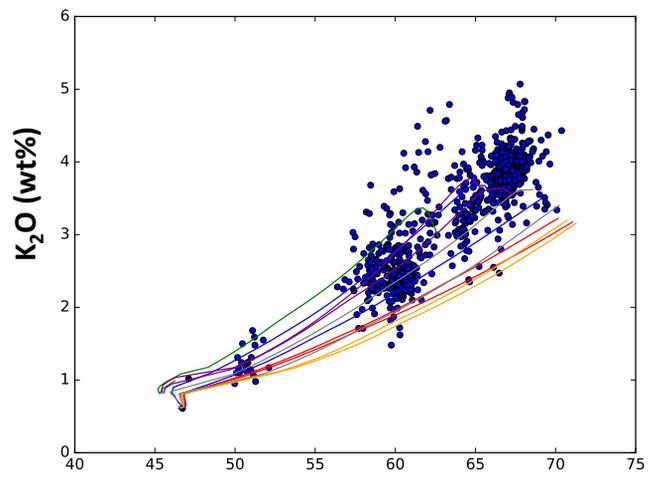
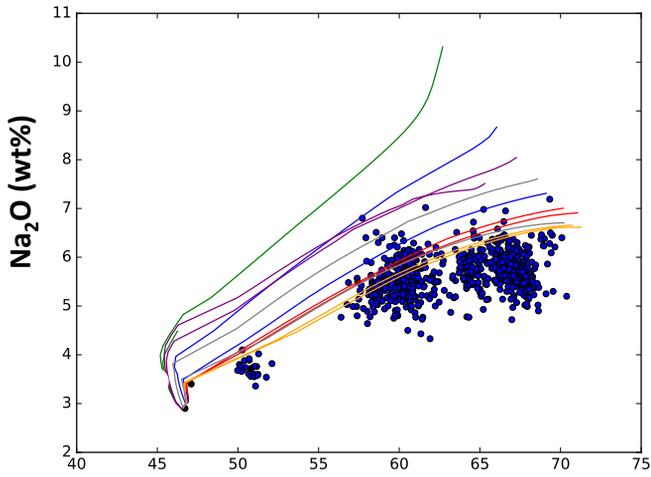


SiO₂ (wt%)

Starting Melt WR BAS I at 0.5 wt% H₂O

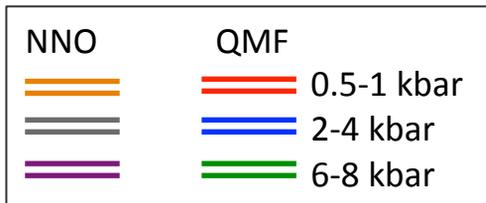
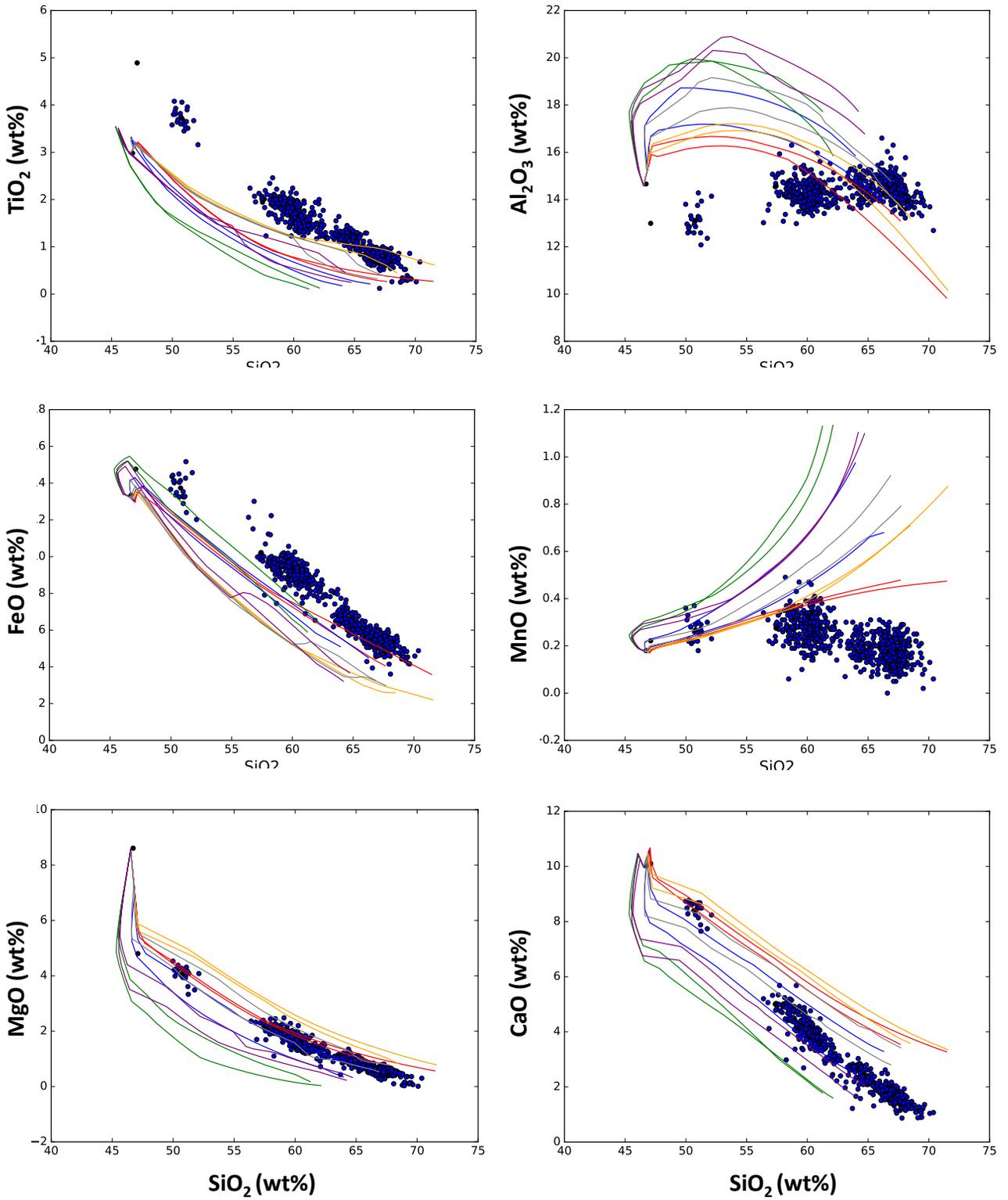


Starting Melt WR BAS I at 0.5 wt% H₂O

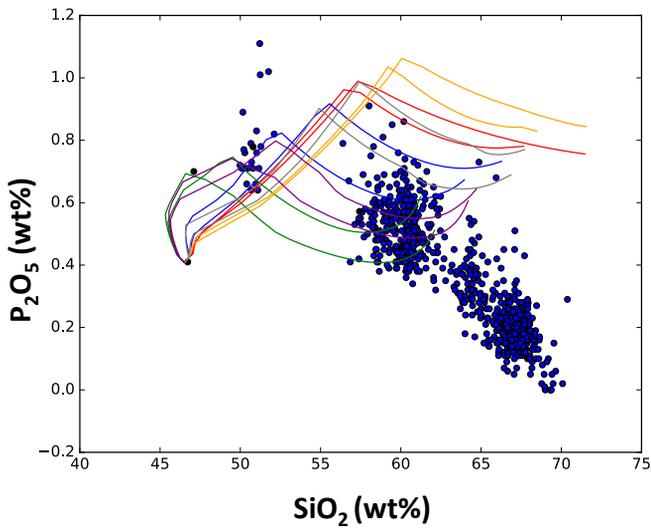
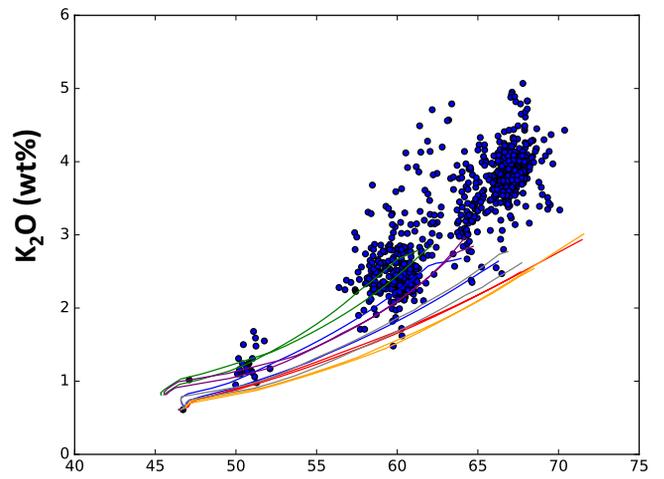
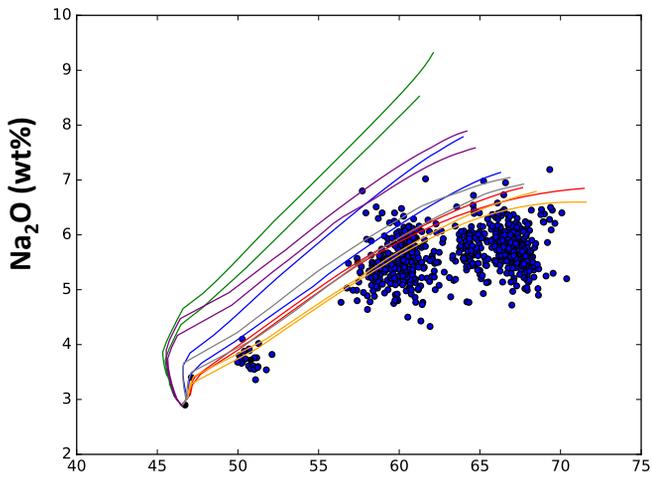


SiO₂ (wt%)

Starting Melt WR BAS I at 1.0 wt% H₂O

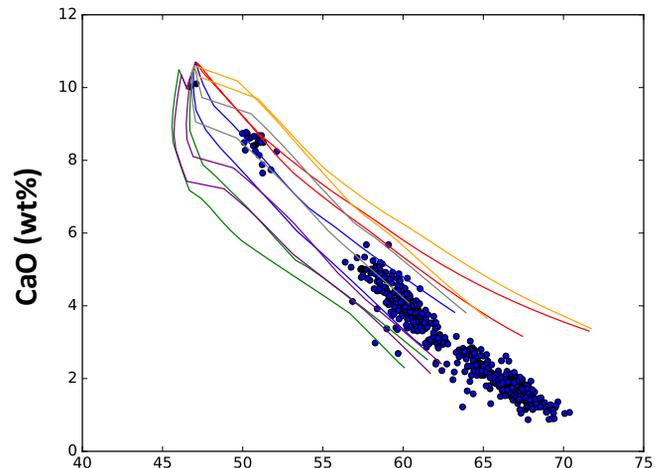
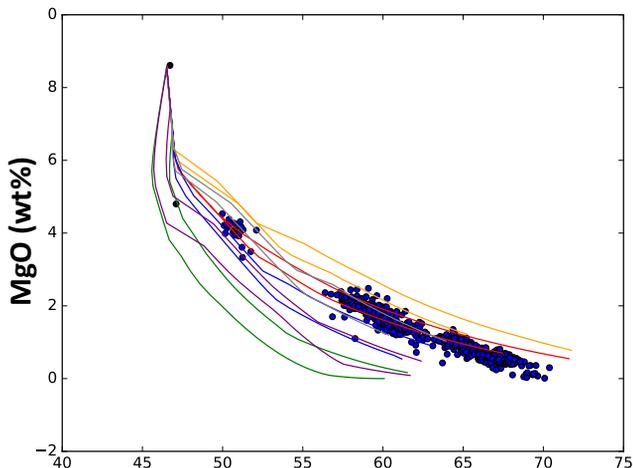
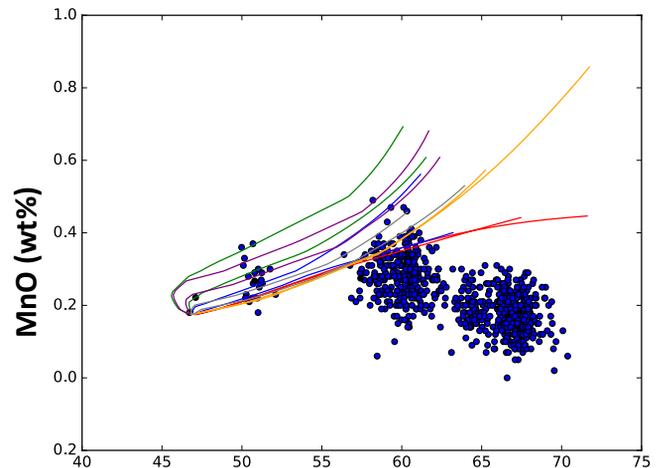
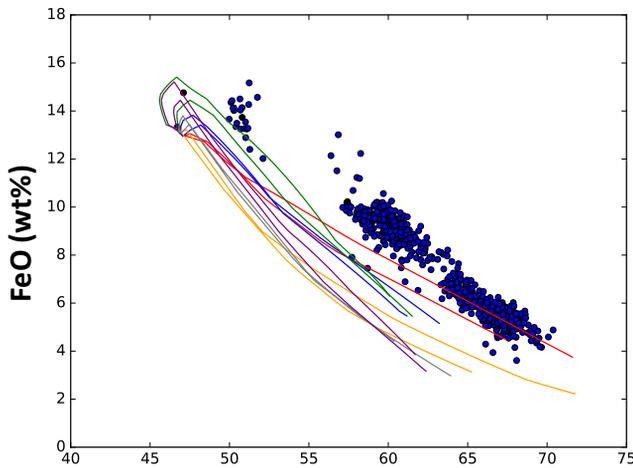
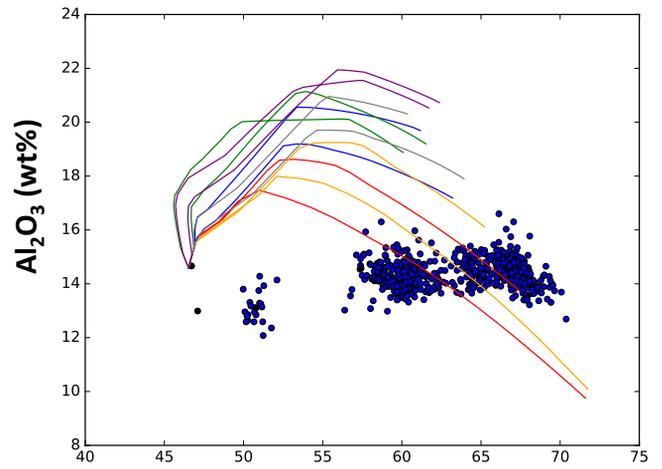
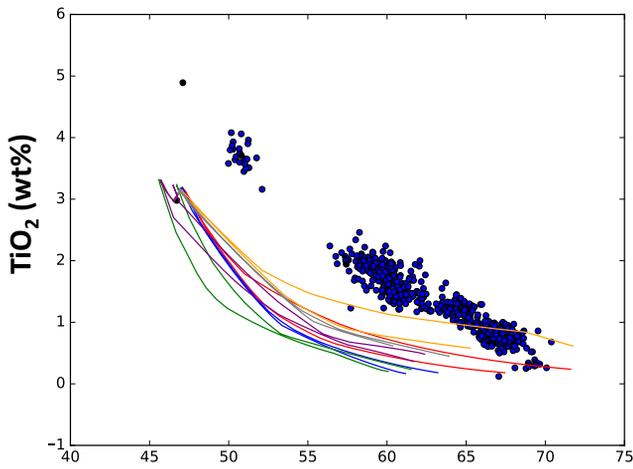


Starting Melt WR BAS I at 1.0 wt% H₂O



SiO₂ (wt%)

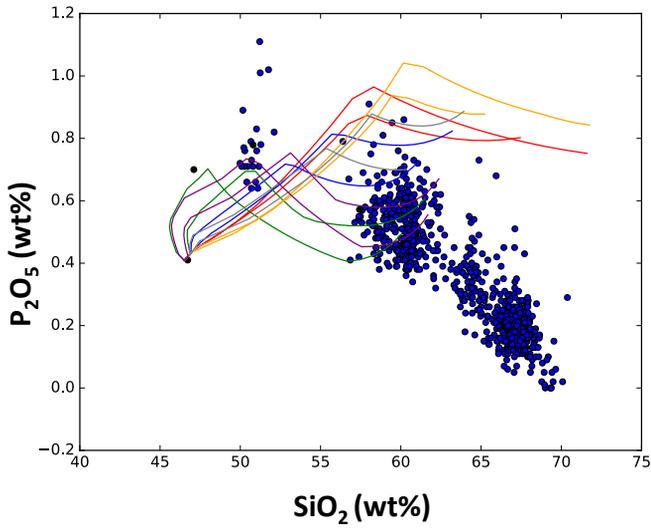
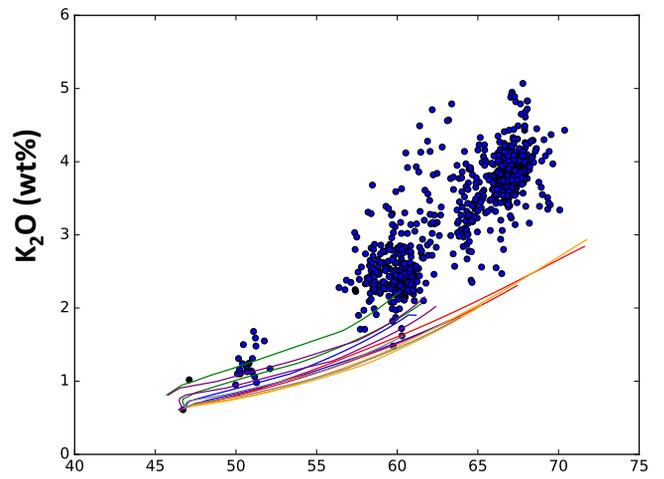
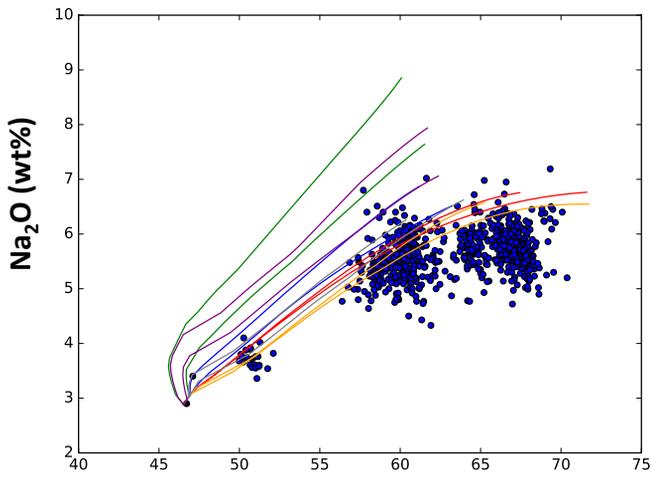
Starting Melt WR BAS I at 2.0 wt% H₂O



SiO₂ (wt%)

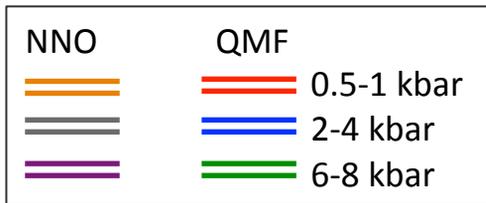
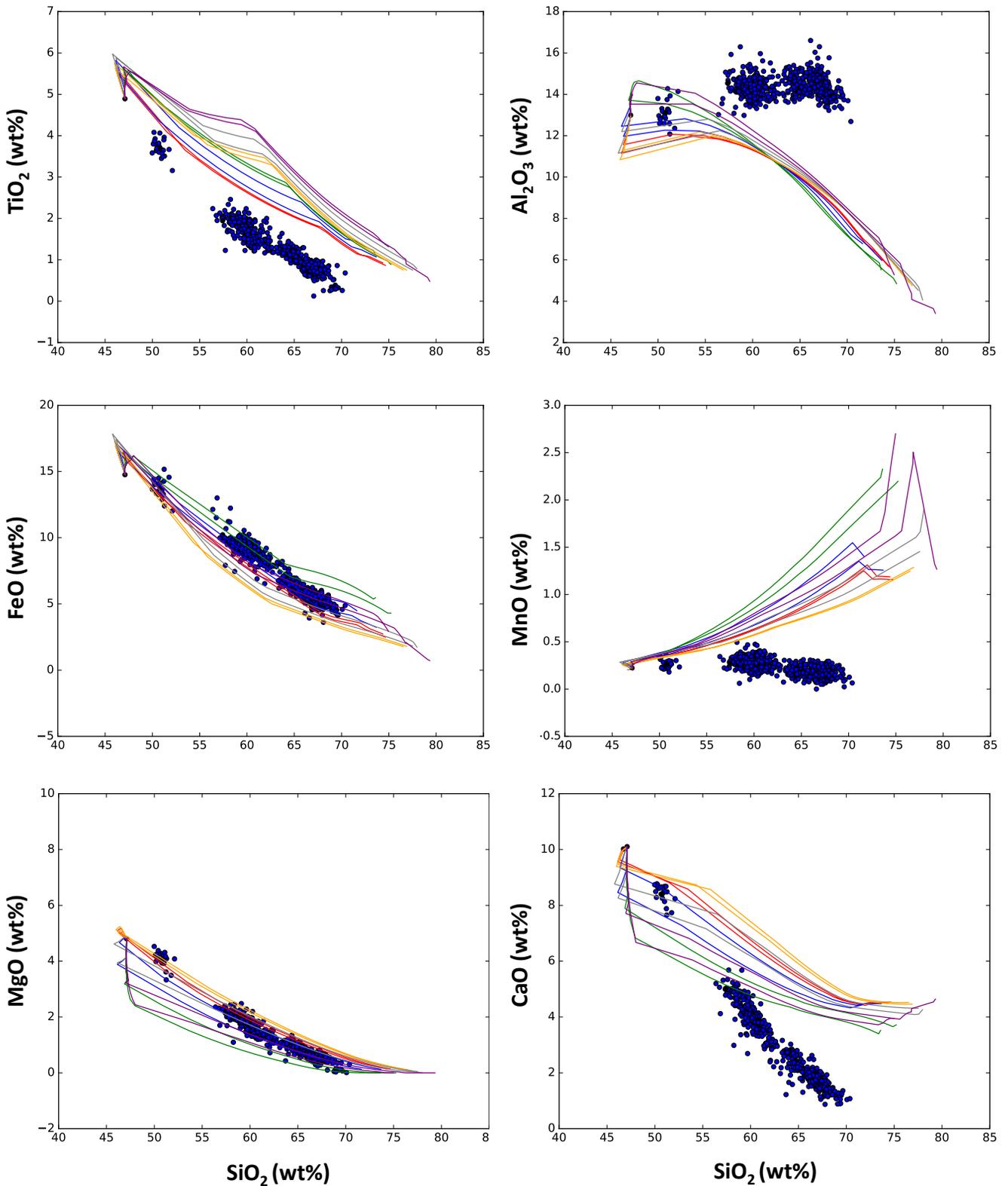
SiO₂ (wt%)

Starting Melt WR BAS I at 2.0 wt% H₂O

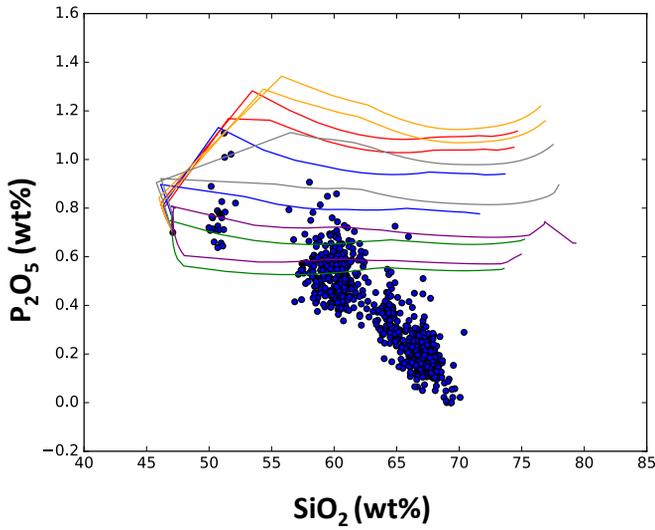
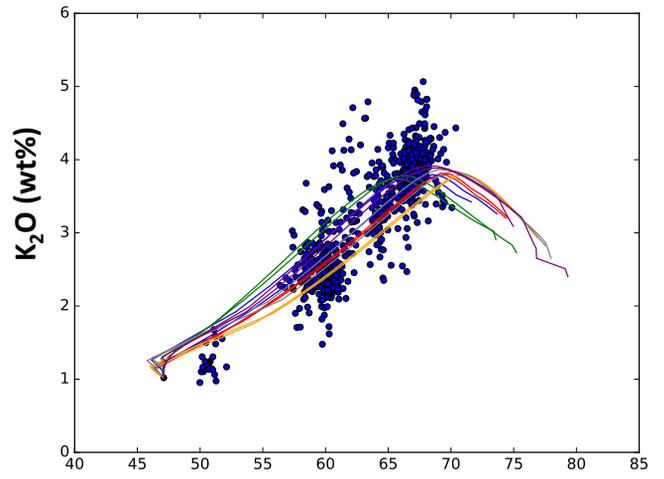
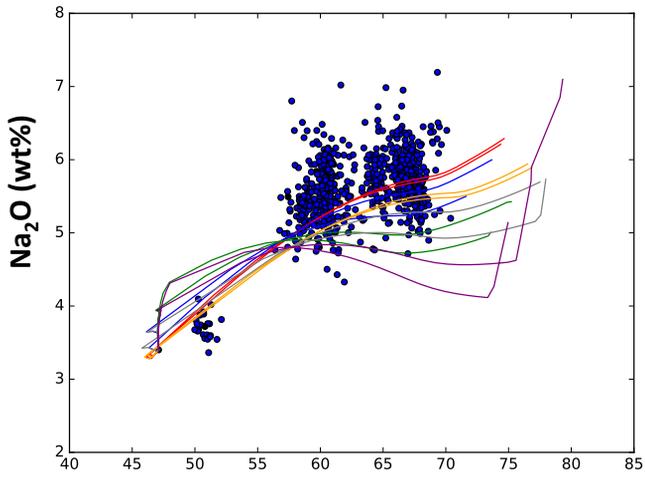


SiO₂ (wt%)

Starting Melt **GL BAS I** at 0.0 wt% H₂O

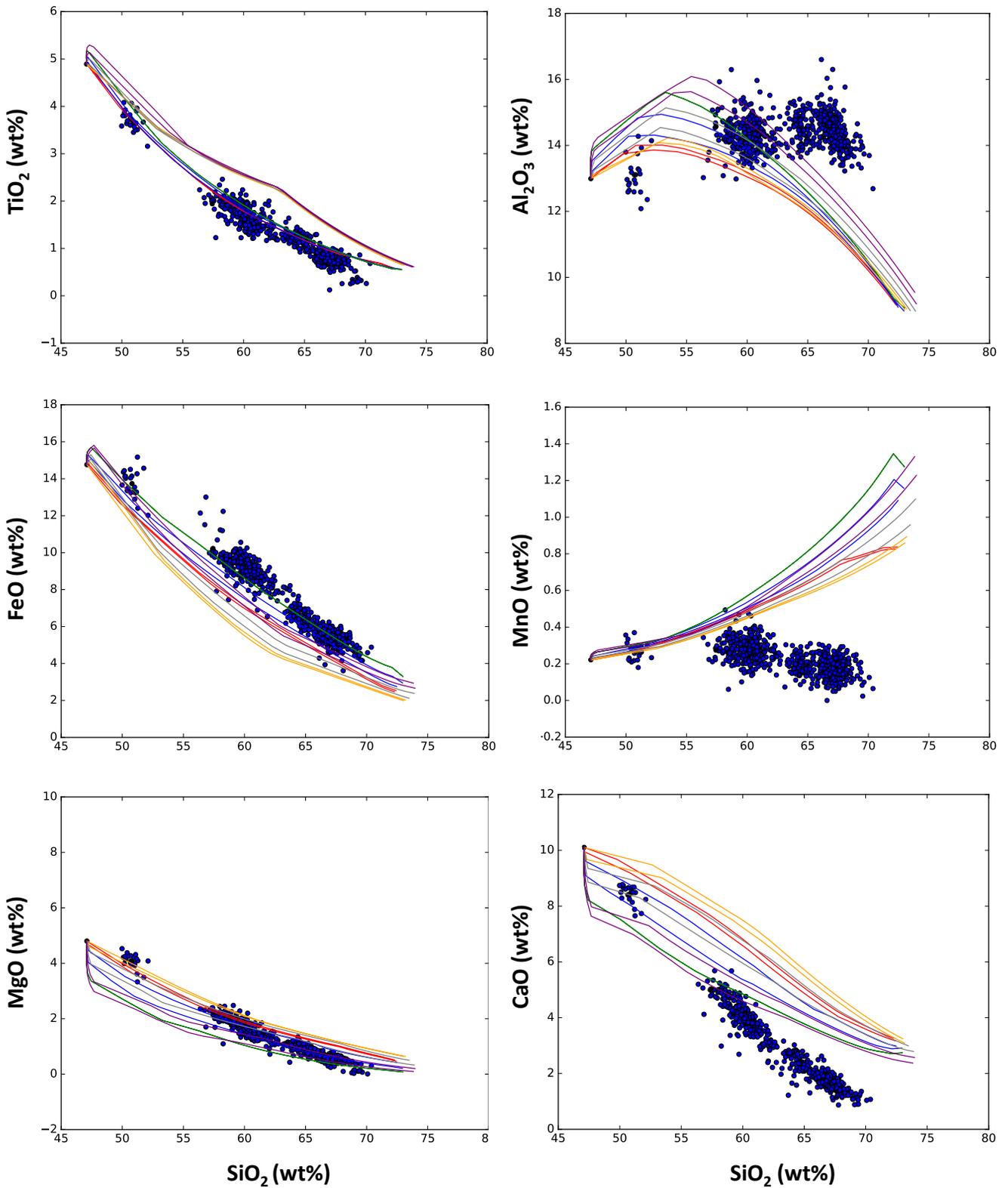


Starting Melt GL BAS I at 0.0 wt% H₂O

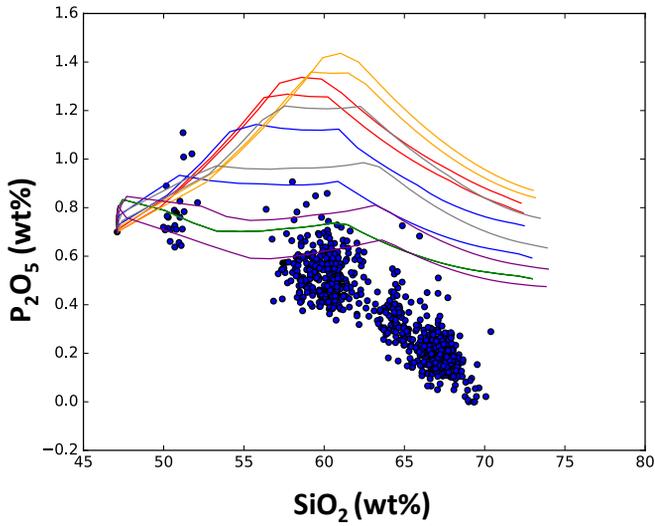
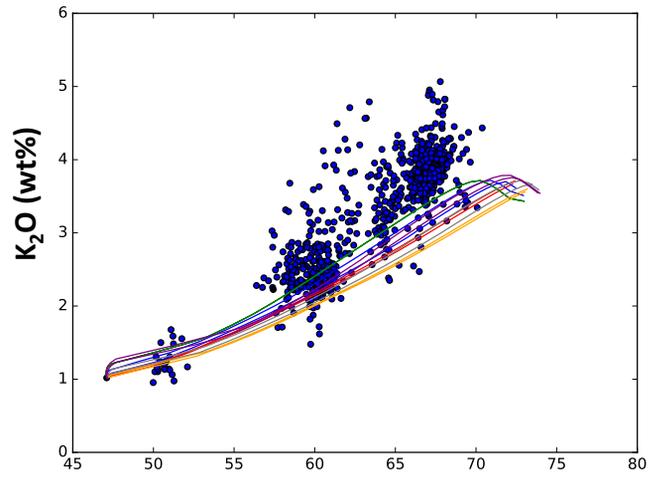
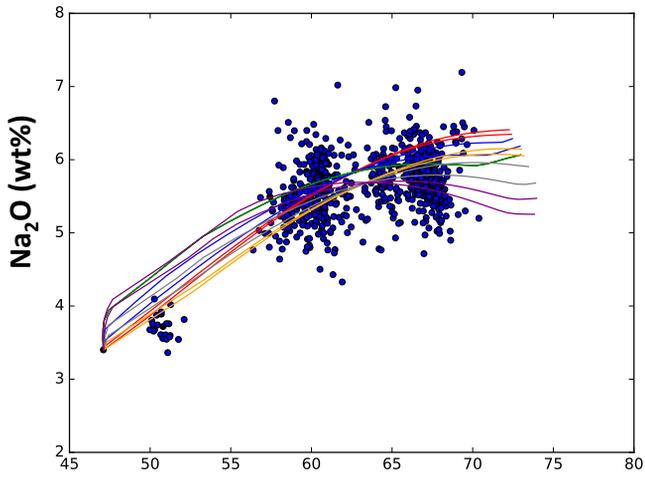


SiO₂ (wt%)

Starting Melt **GL BAS I** at 0.5 wt% H₂O

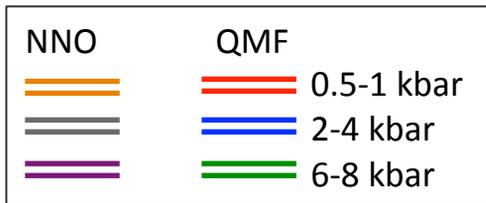
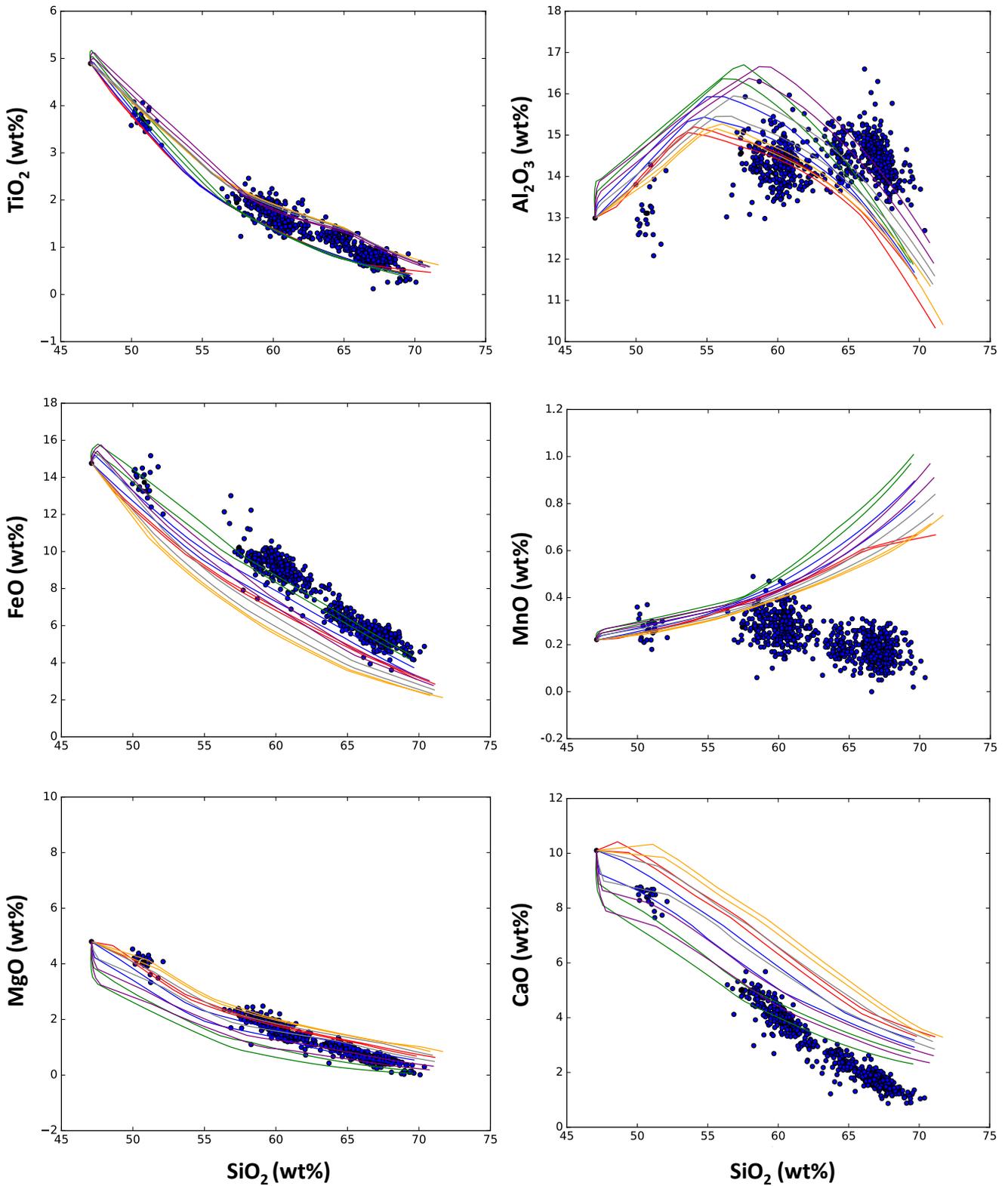


Starting Melt GL BAS I at 0.5 wt% H₂O

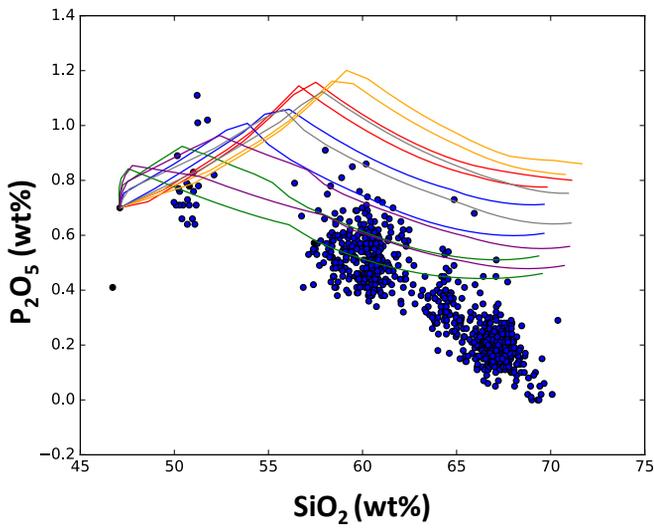
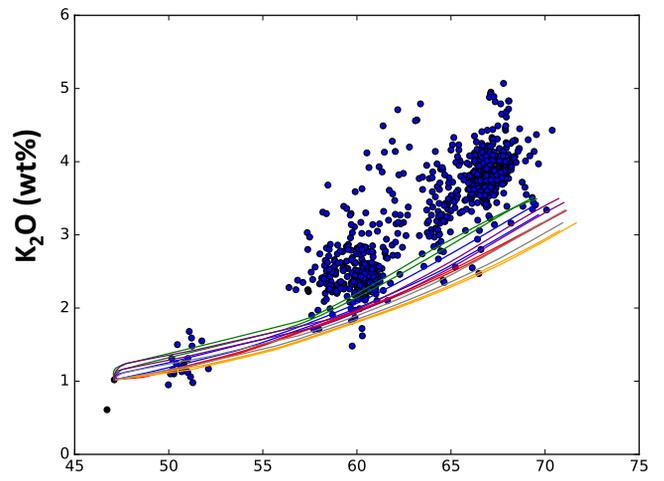
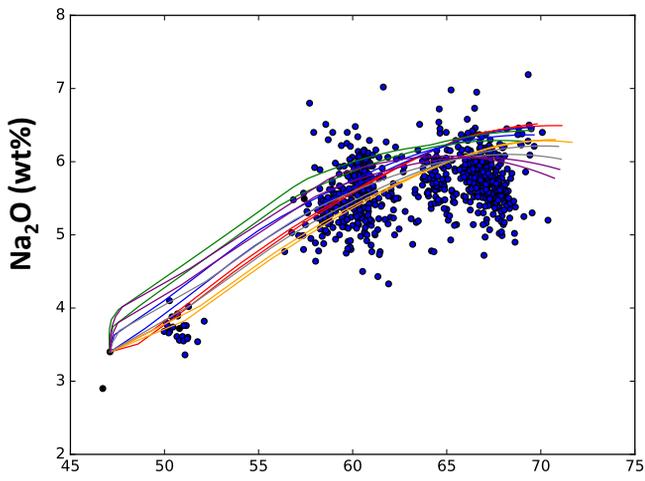


SiO₂ (wt%)

Starting Melt GL BAS I at 1.0 wt% H₂O

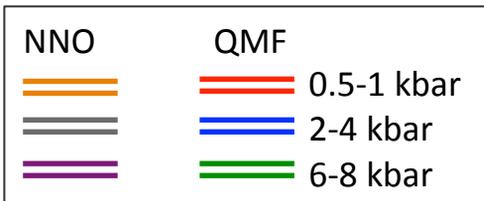
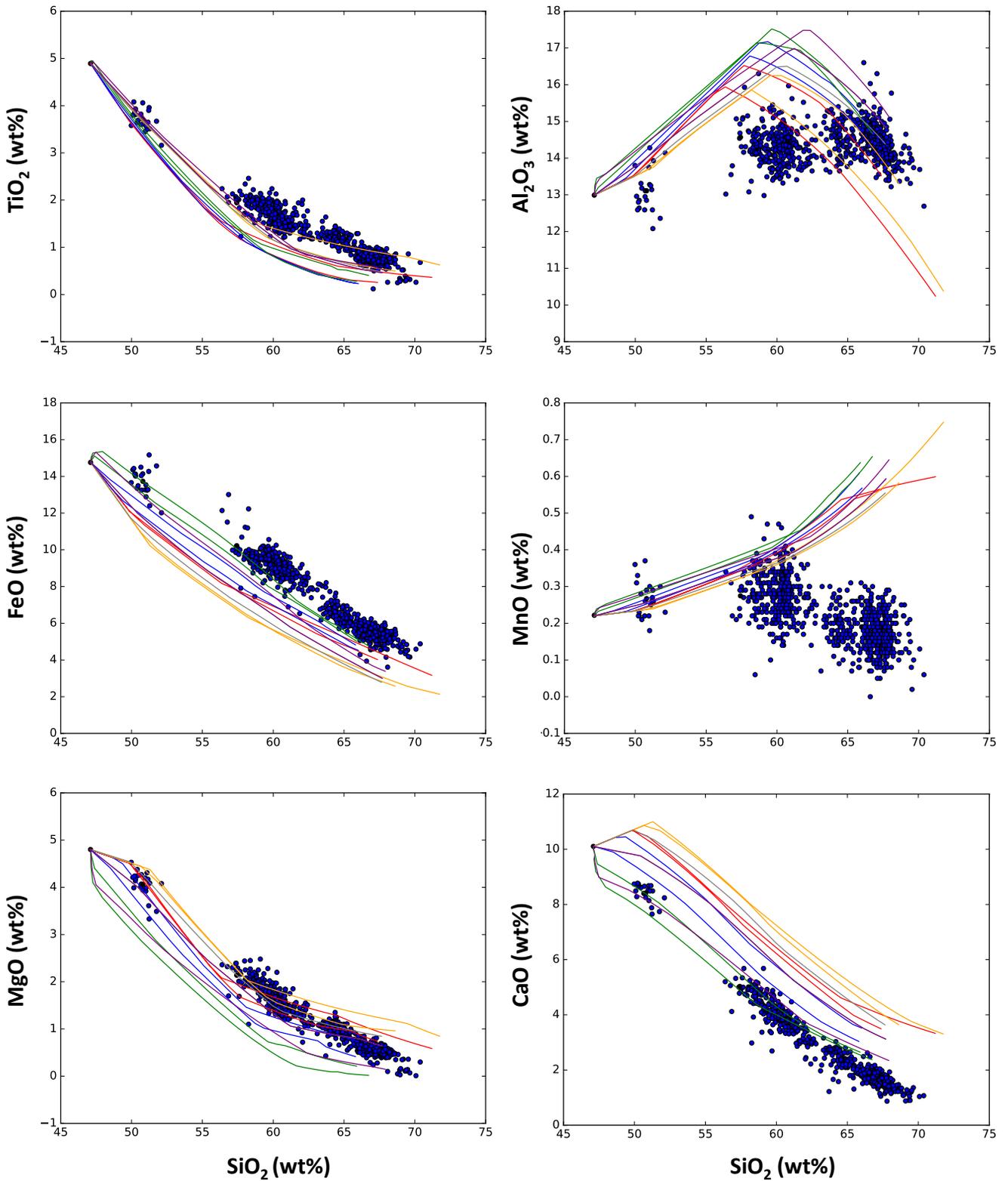


Starting Melt GL BAS I at 1.0 wt% H₂O

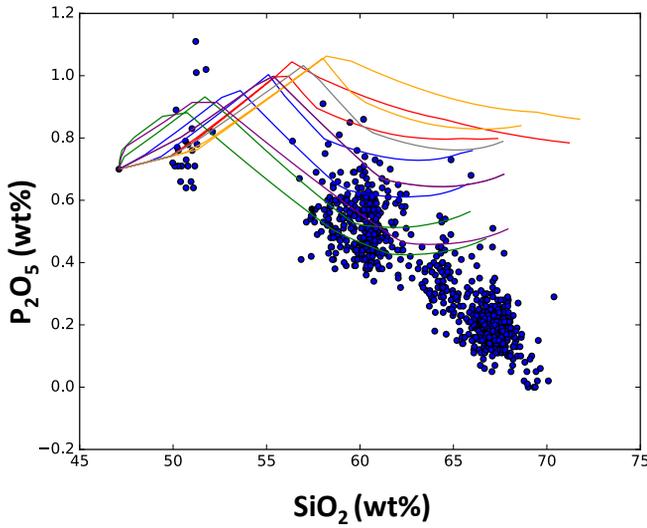
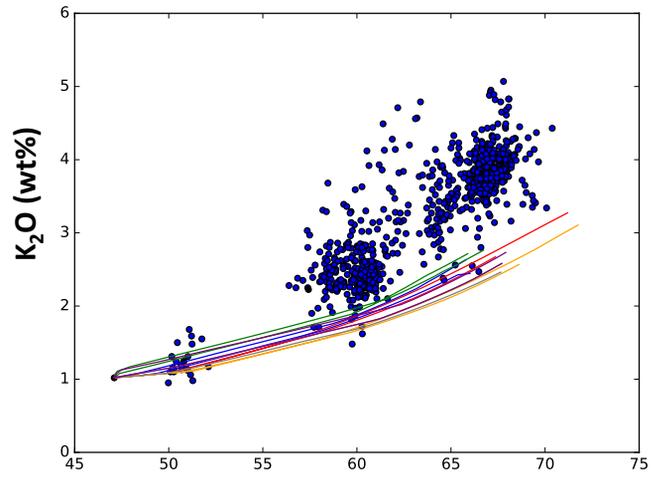
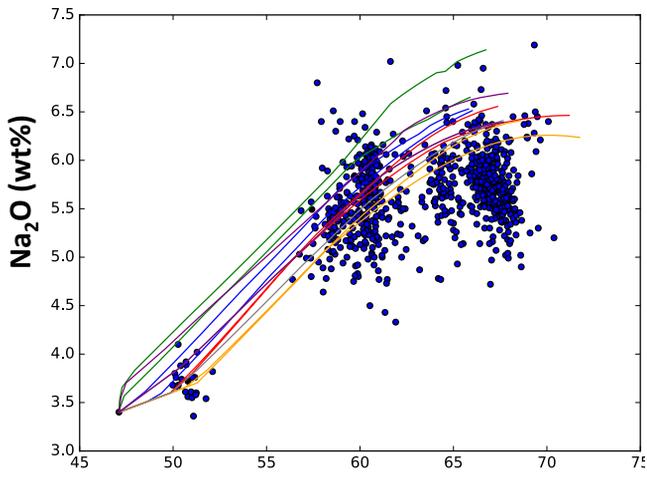


SiO₂ (wt%)

Starting Melt **GL BAS I** at 2.0 wt% H₂O

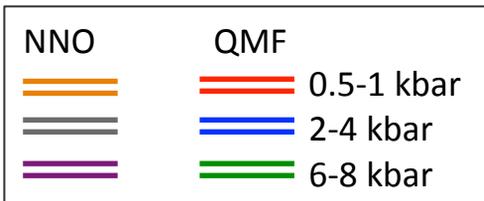
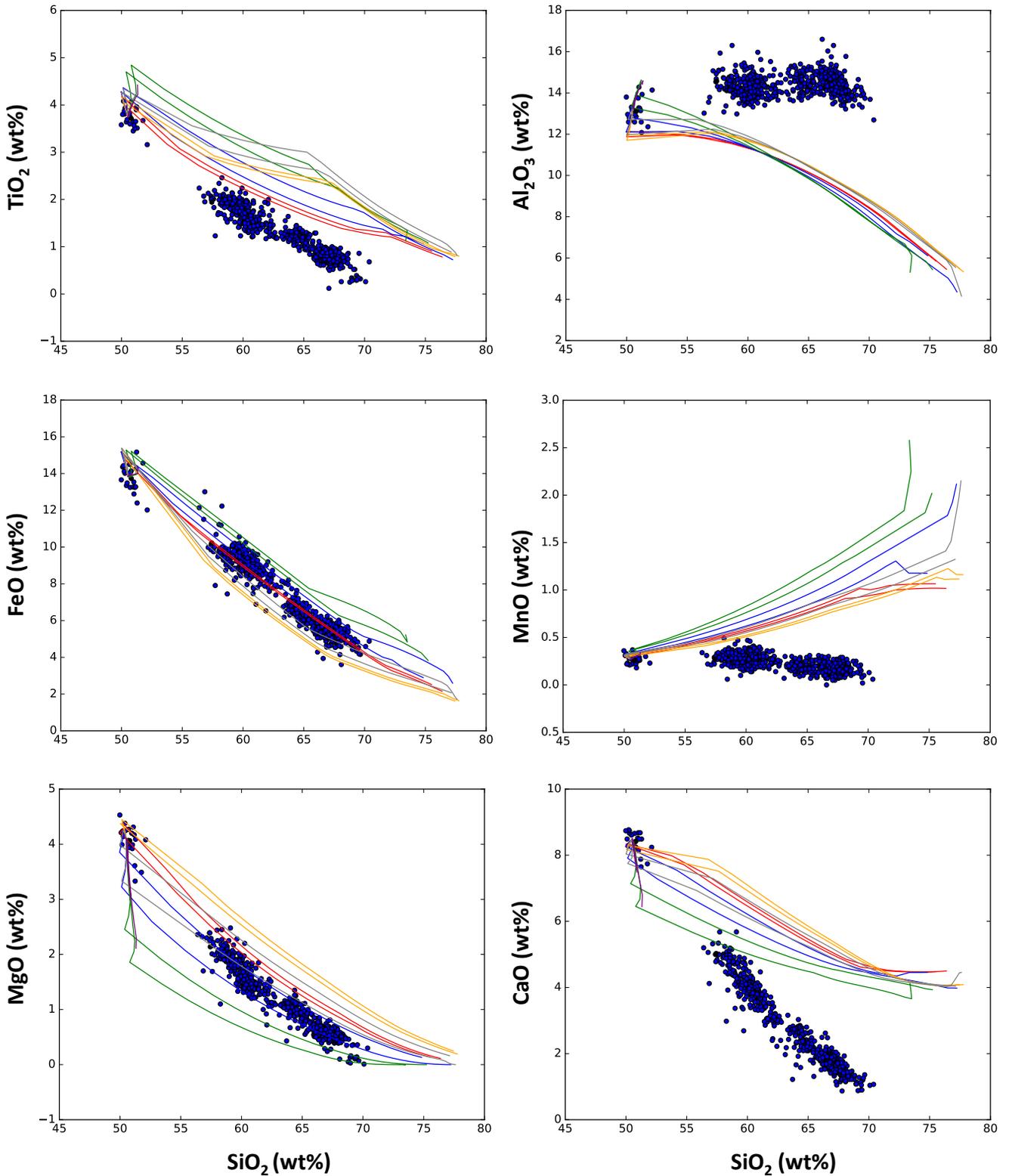


Starting Melt GL BAS I at 2.0 wt% H₂O

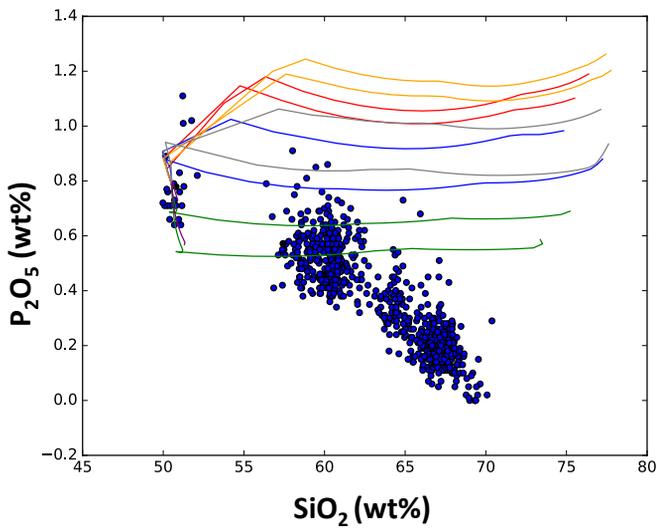
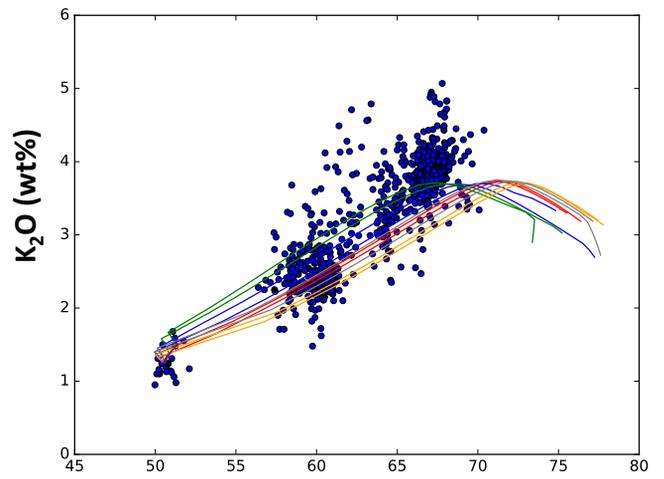
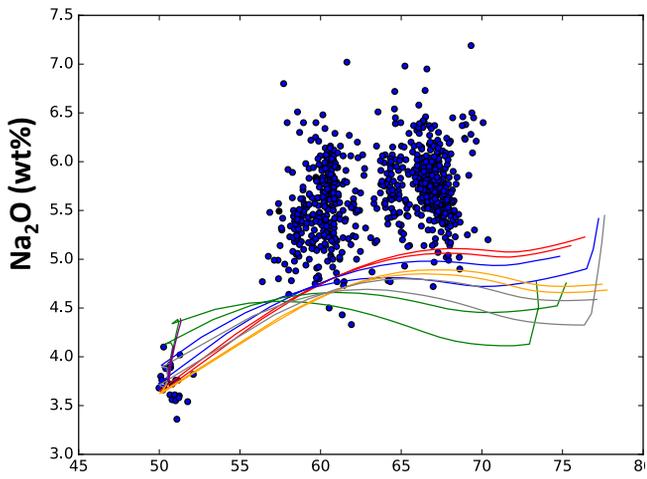


SiO₂ (wt%)

Starting Melt GL BAS II at 0.0 wt% H₂O

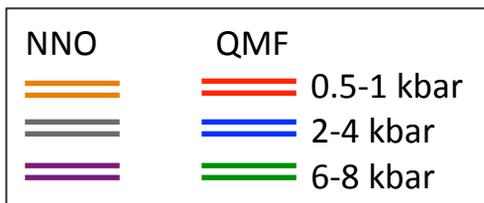
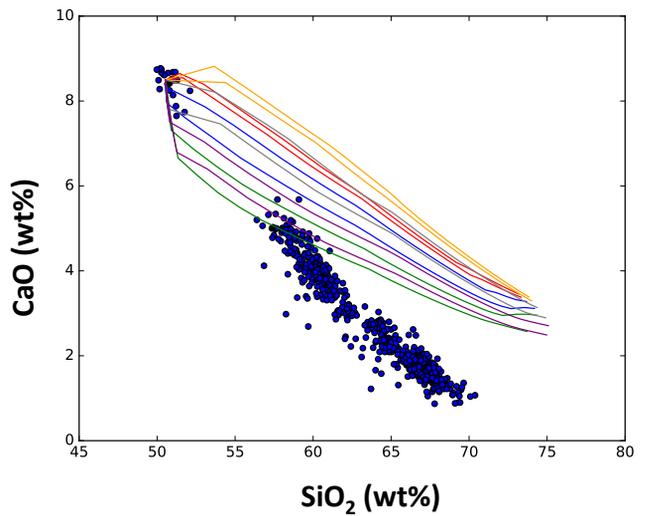
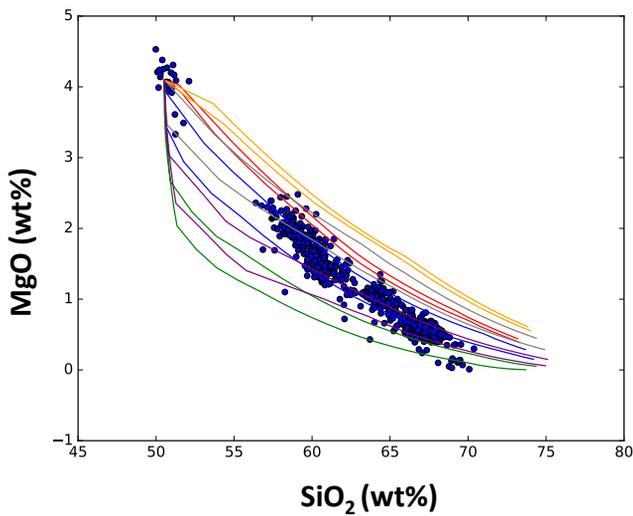
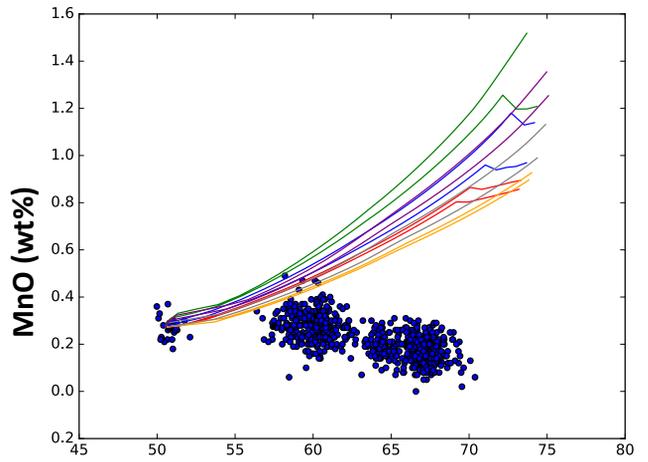
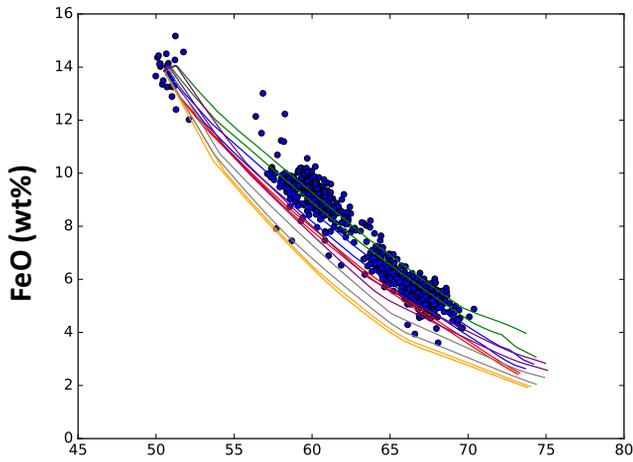
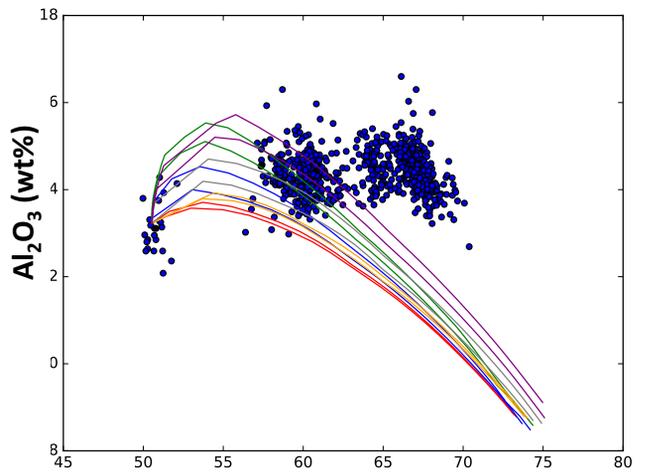
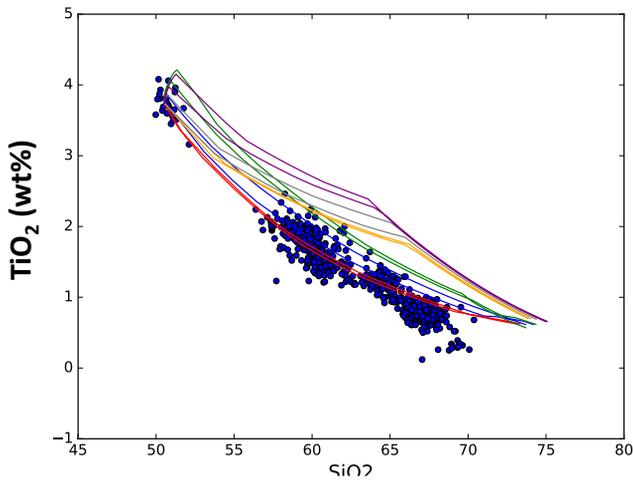


Starting Melt GL BAS II at 0.0 wt% H₂O

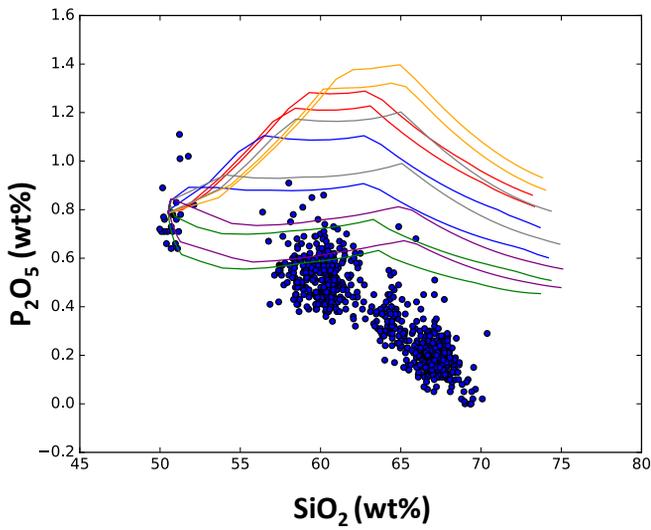
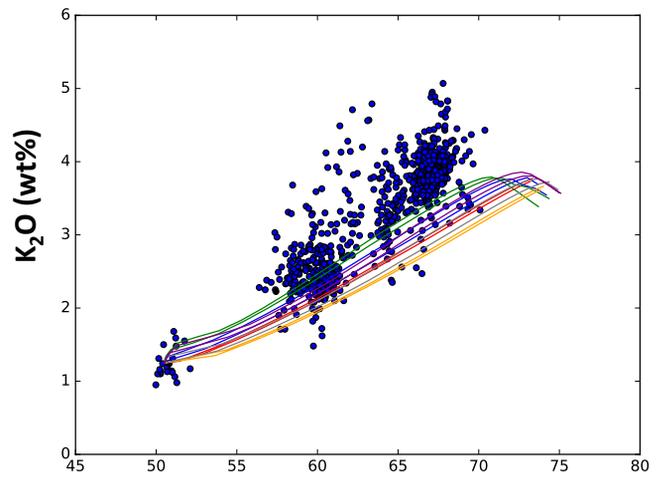
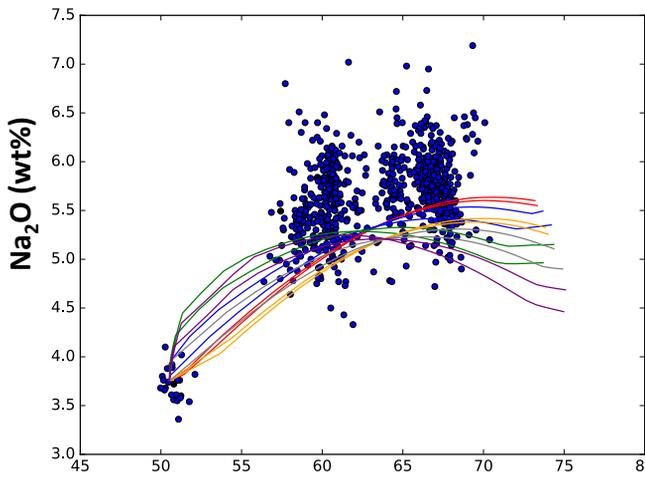


SiO₂ (wt%)

Starting Melt GL BAS II at 0.5 wt% H₂O

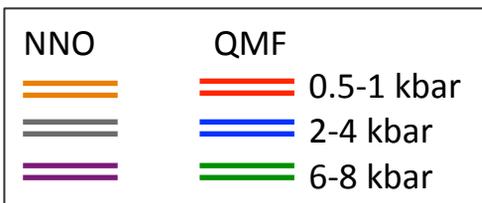
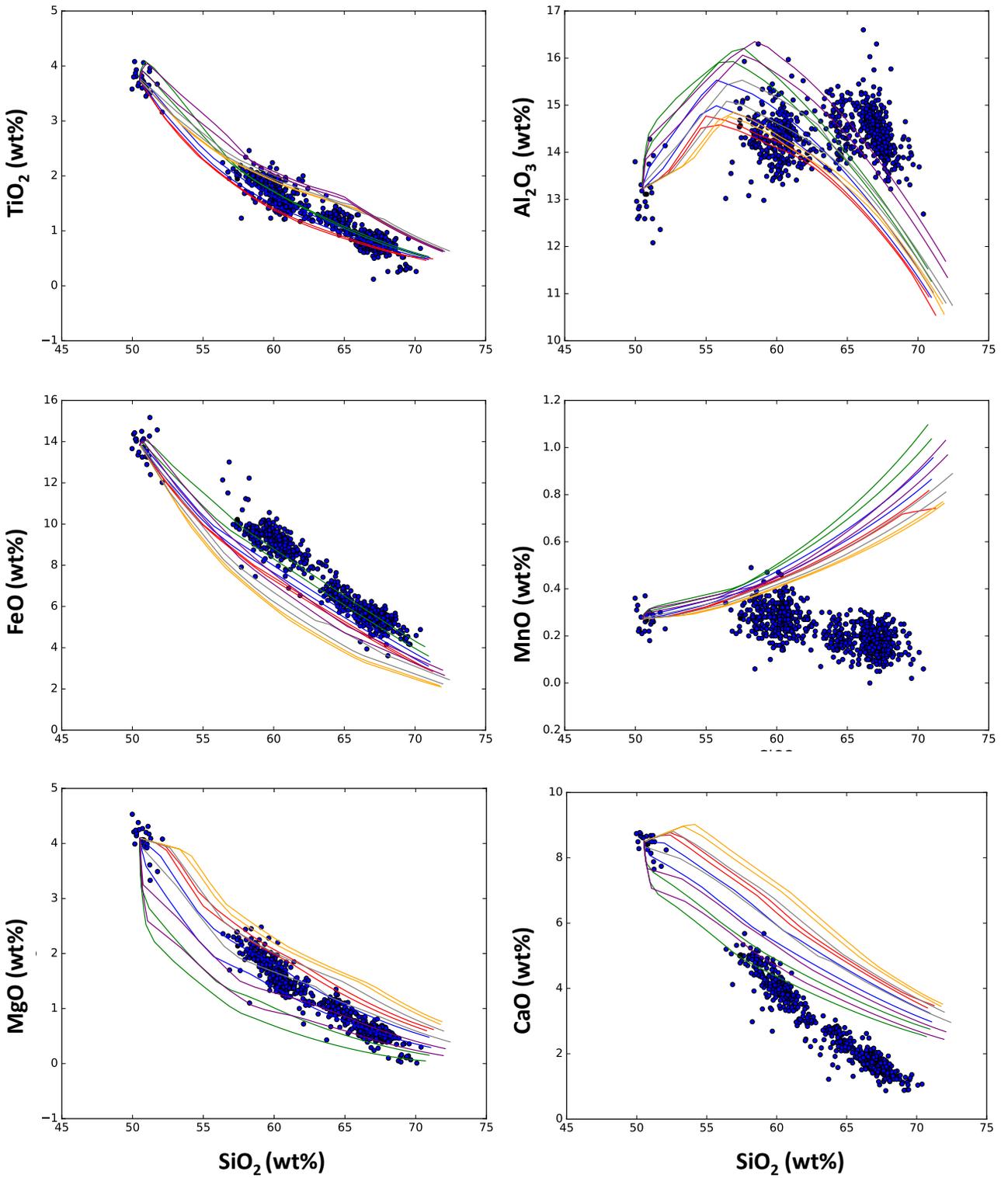


Starting Melt GL BAS II at 0.5 wt% H₂O

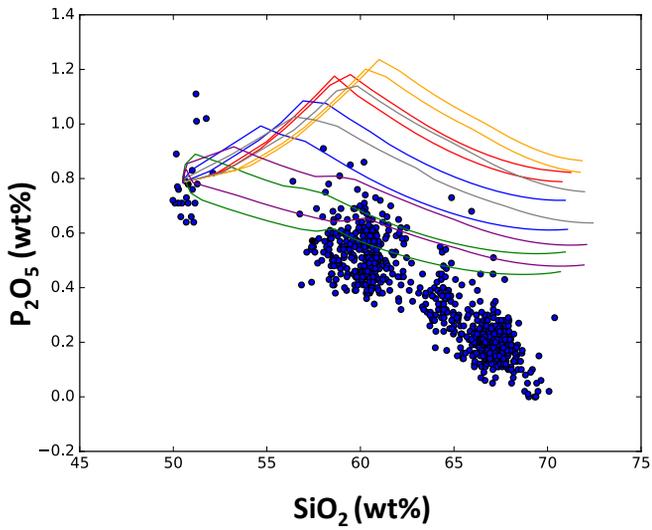
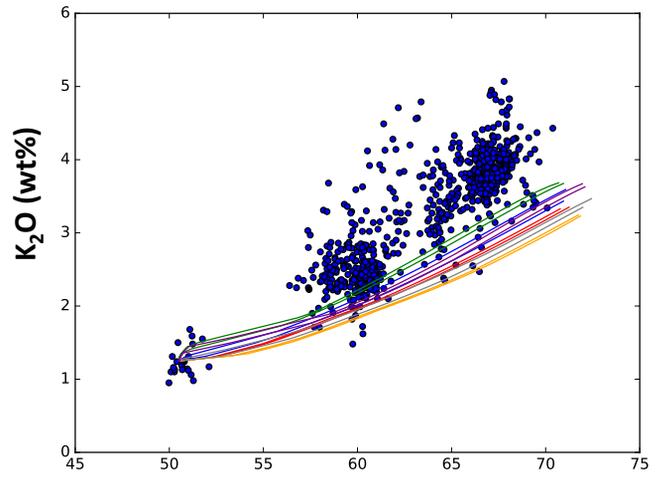
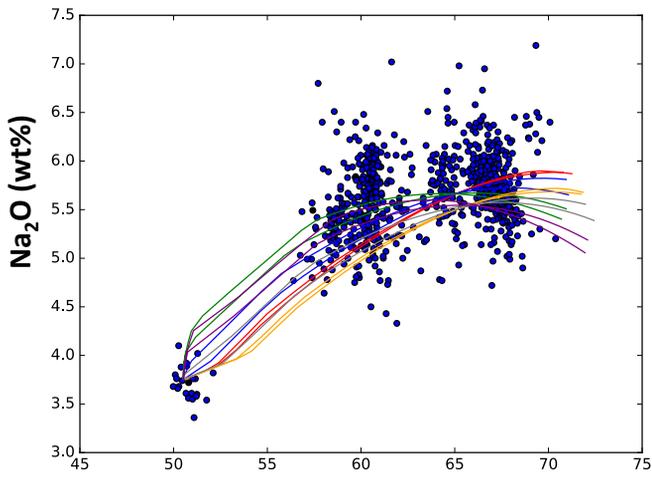


SiO₂ (wt%)

Starting Melt GL BAS II at 1.0 wt% H₂O

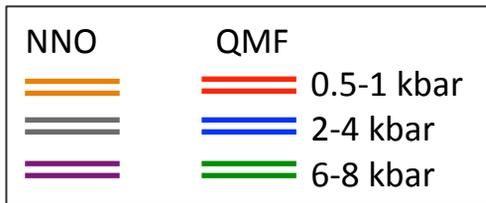
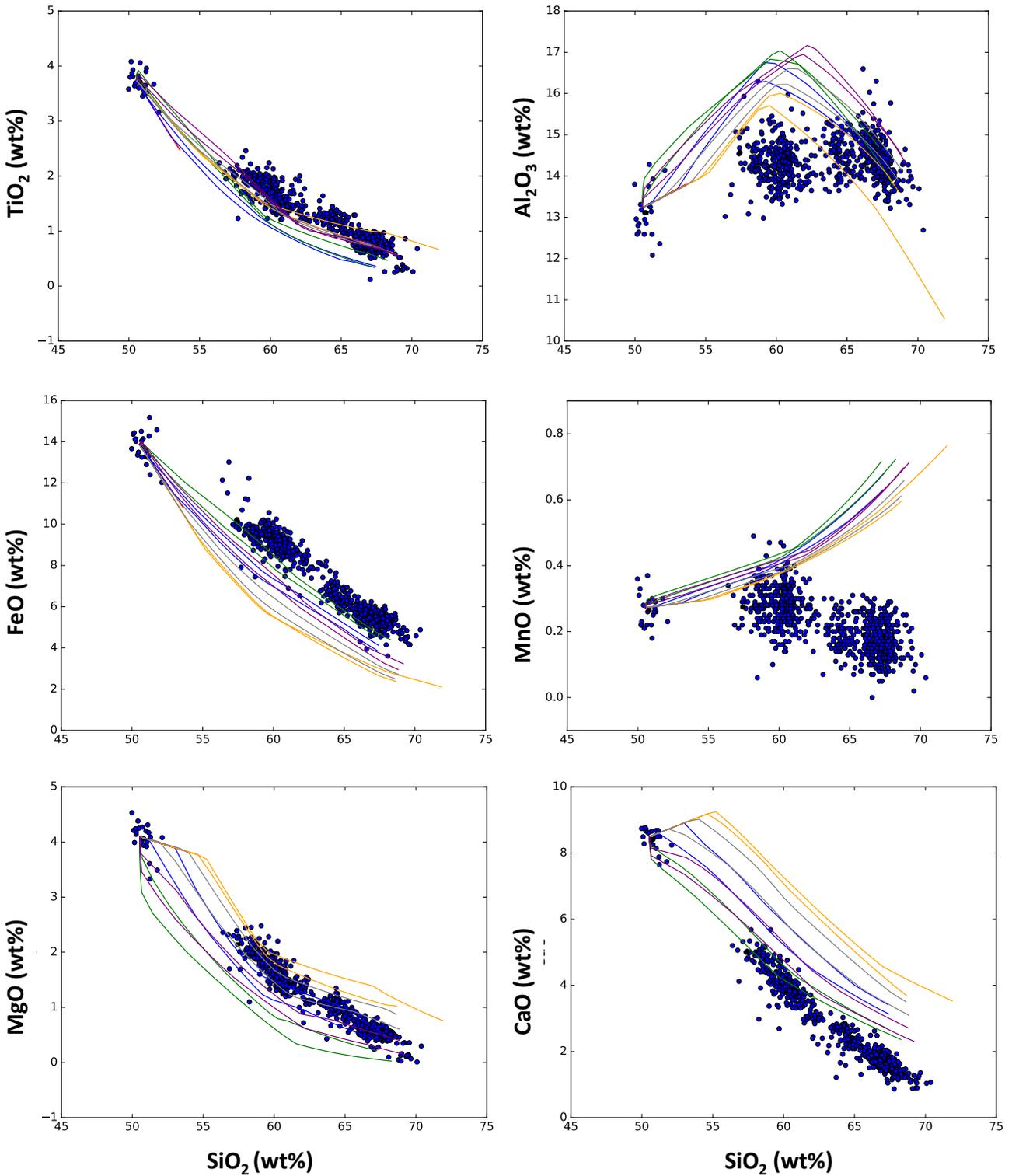


Starting Melt GL BAS II at 1.0 wt% H₂O

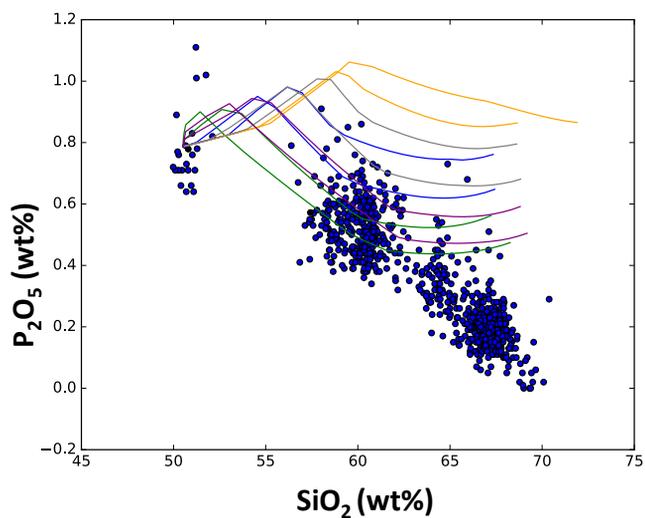
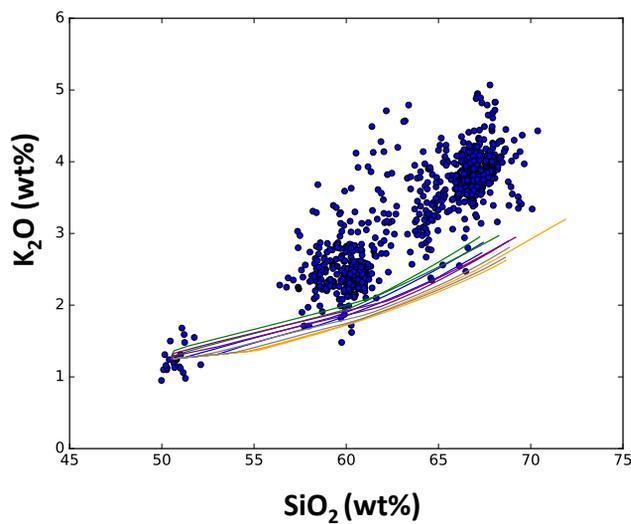
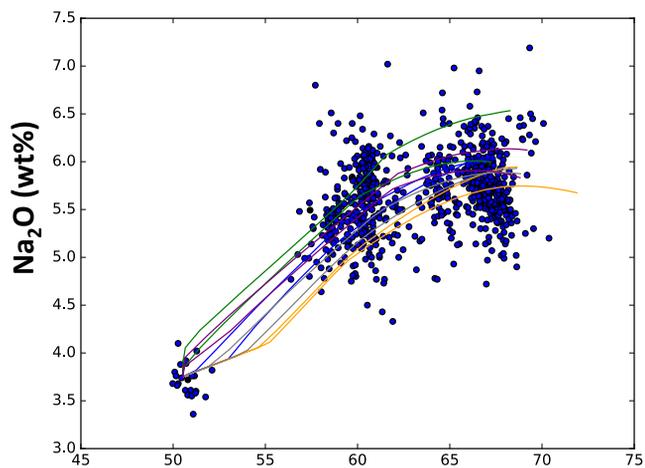


SiO₂ (wt%)

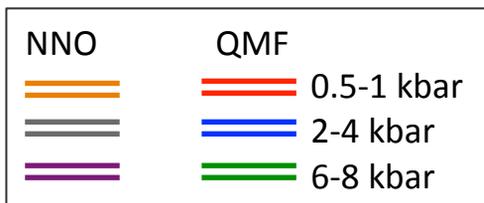
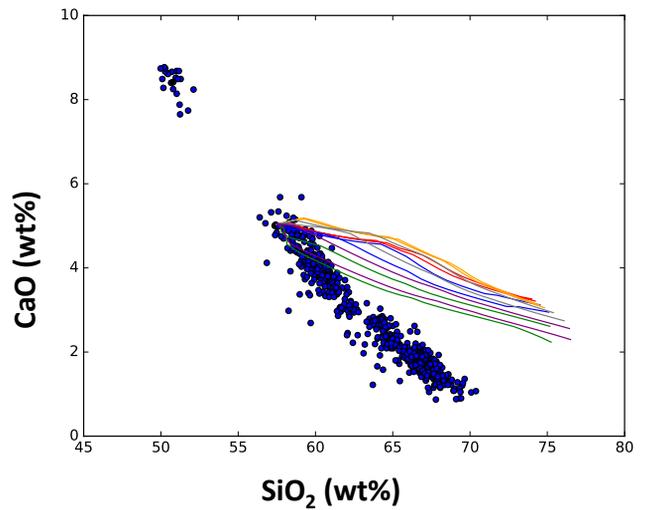
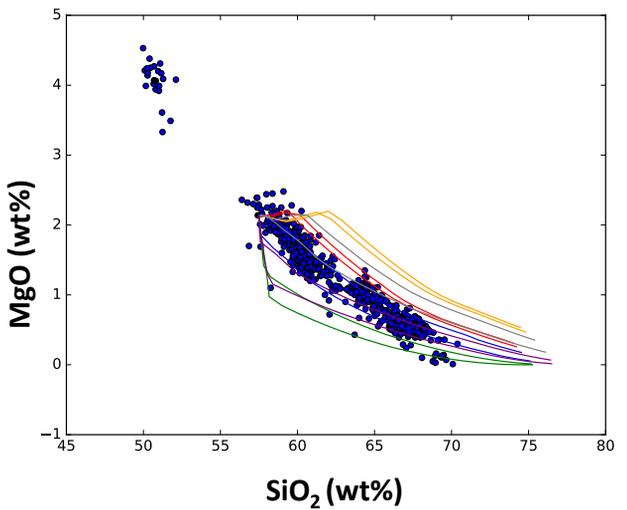
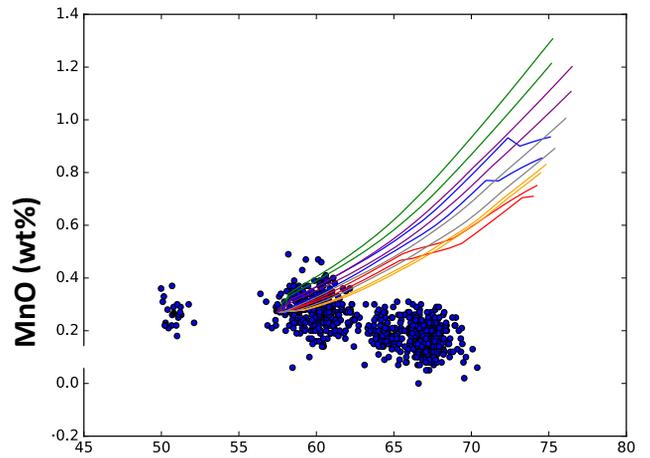
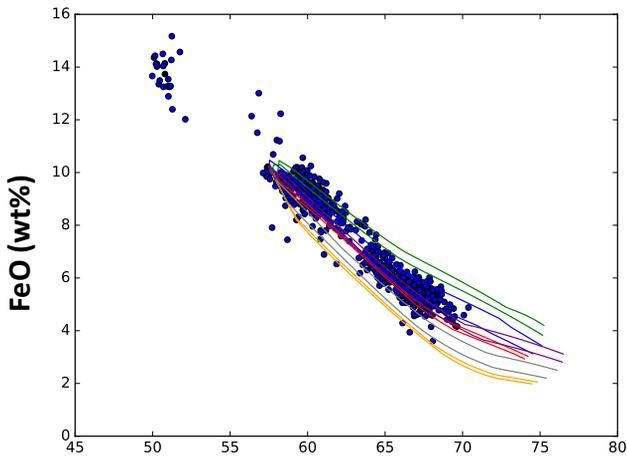
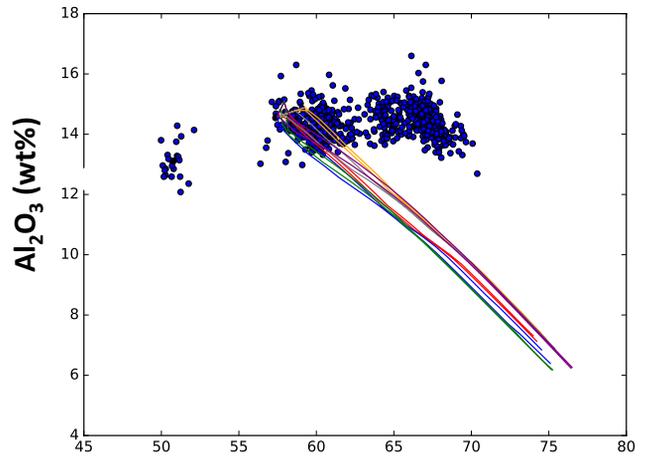
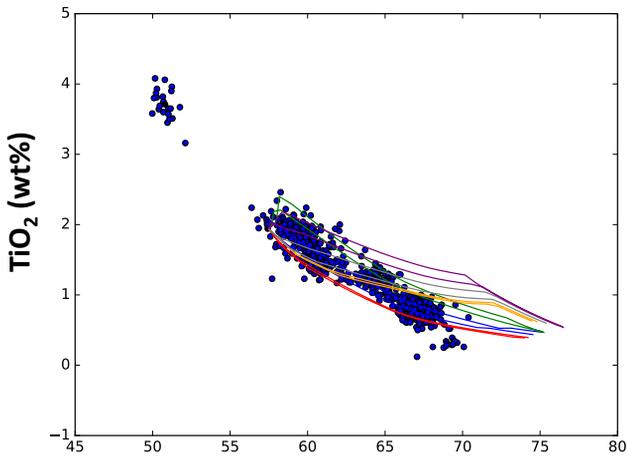
Starting Melt GL BAS II at 2.0 wt% H₂O



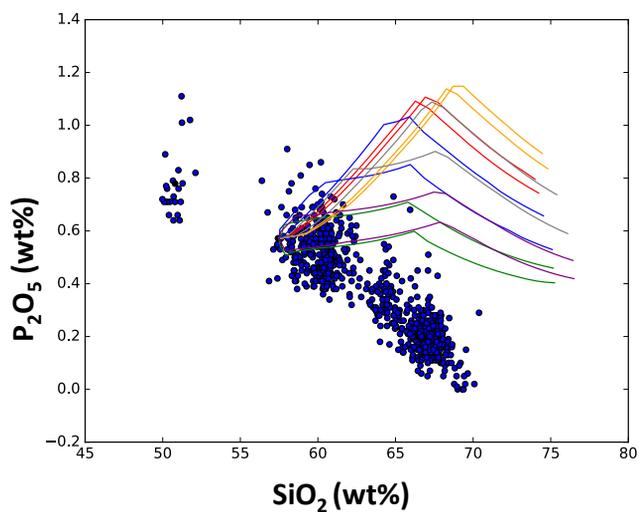
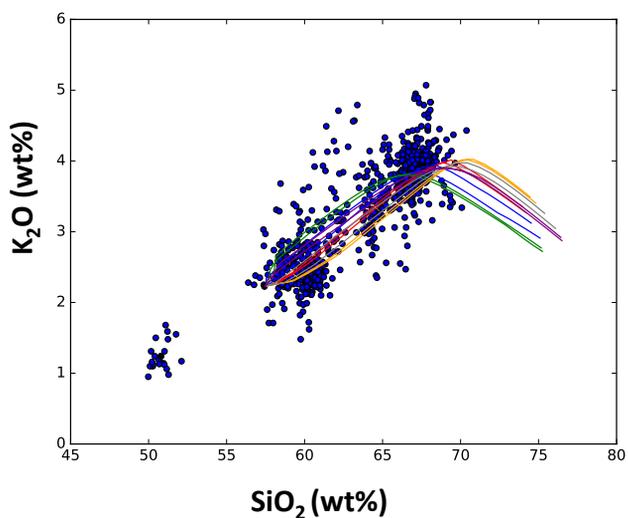
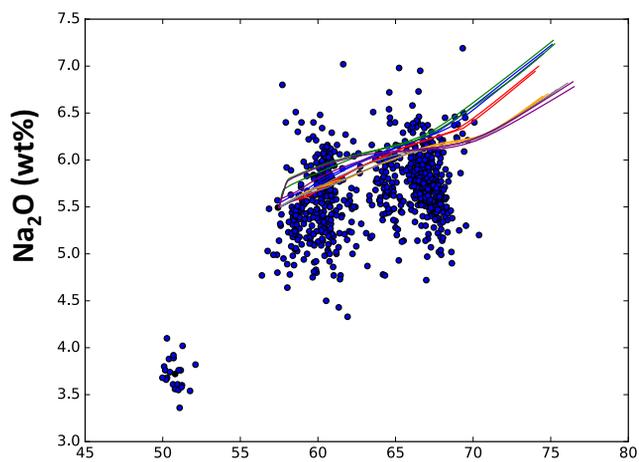
Starting Melt GL BAS II at 2.0 wt% H₂O



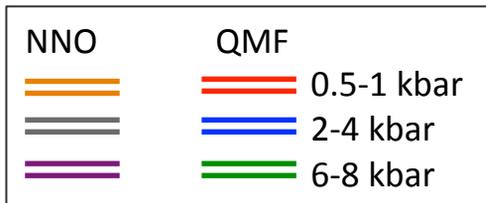
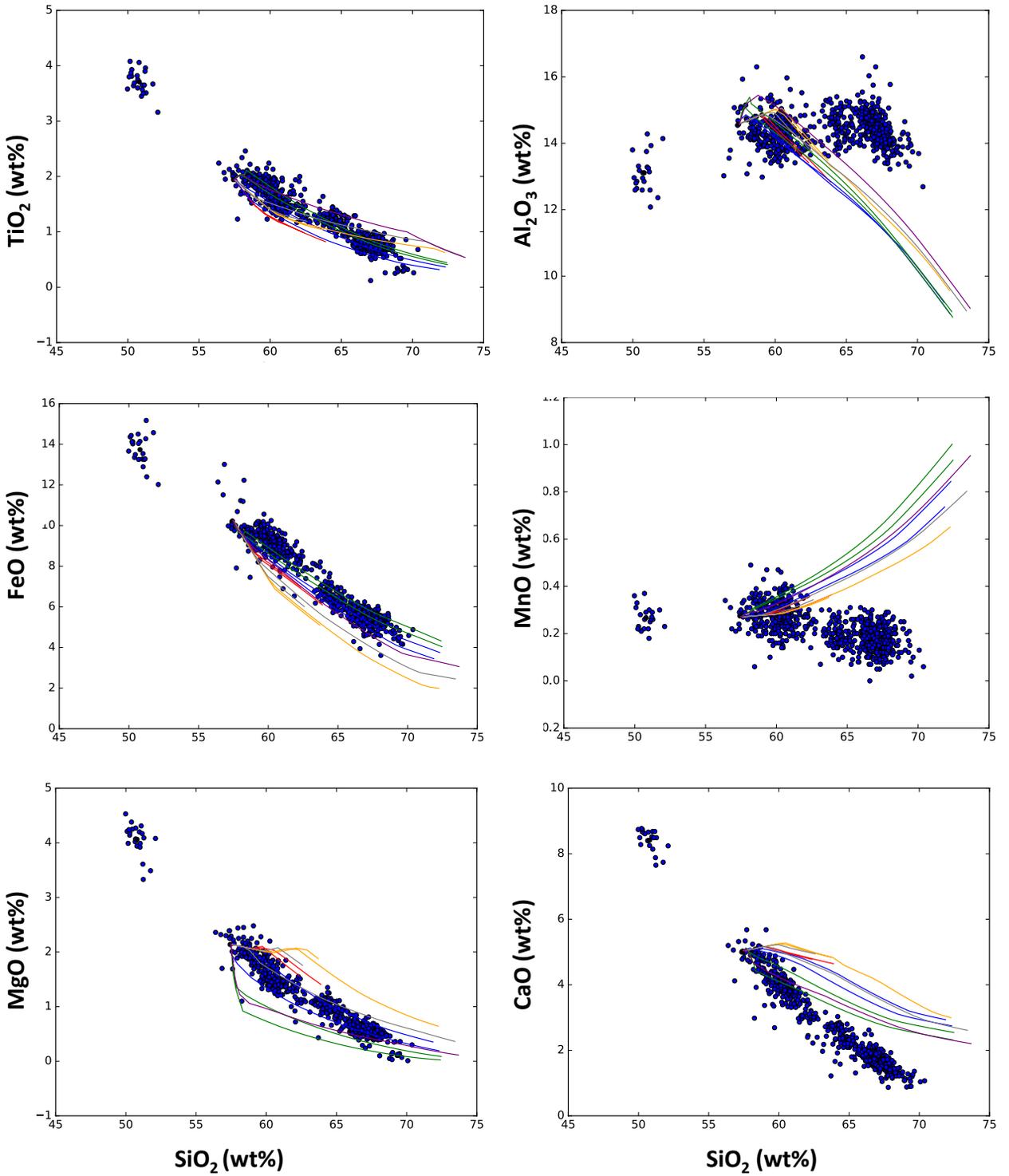
Starting Melt GL TA at 0.5 wt% H₂O



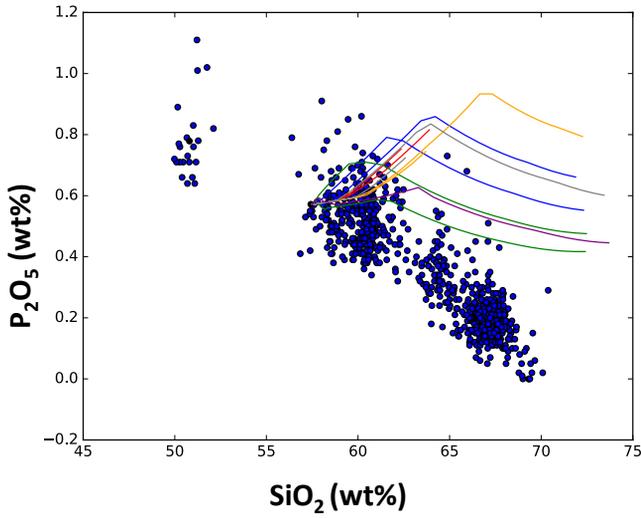
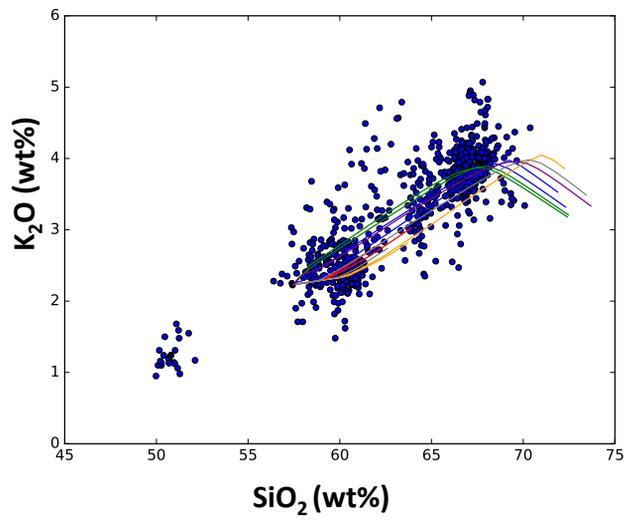
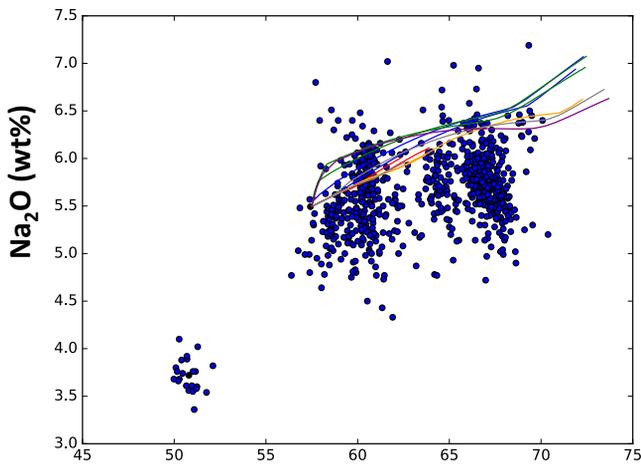
Starting Melt GL TA at 0.5 wt% H₂O



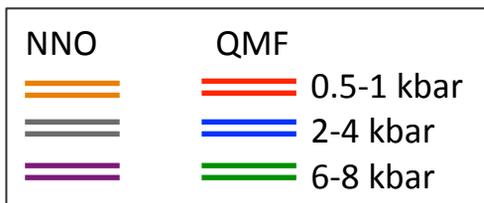
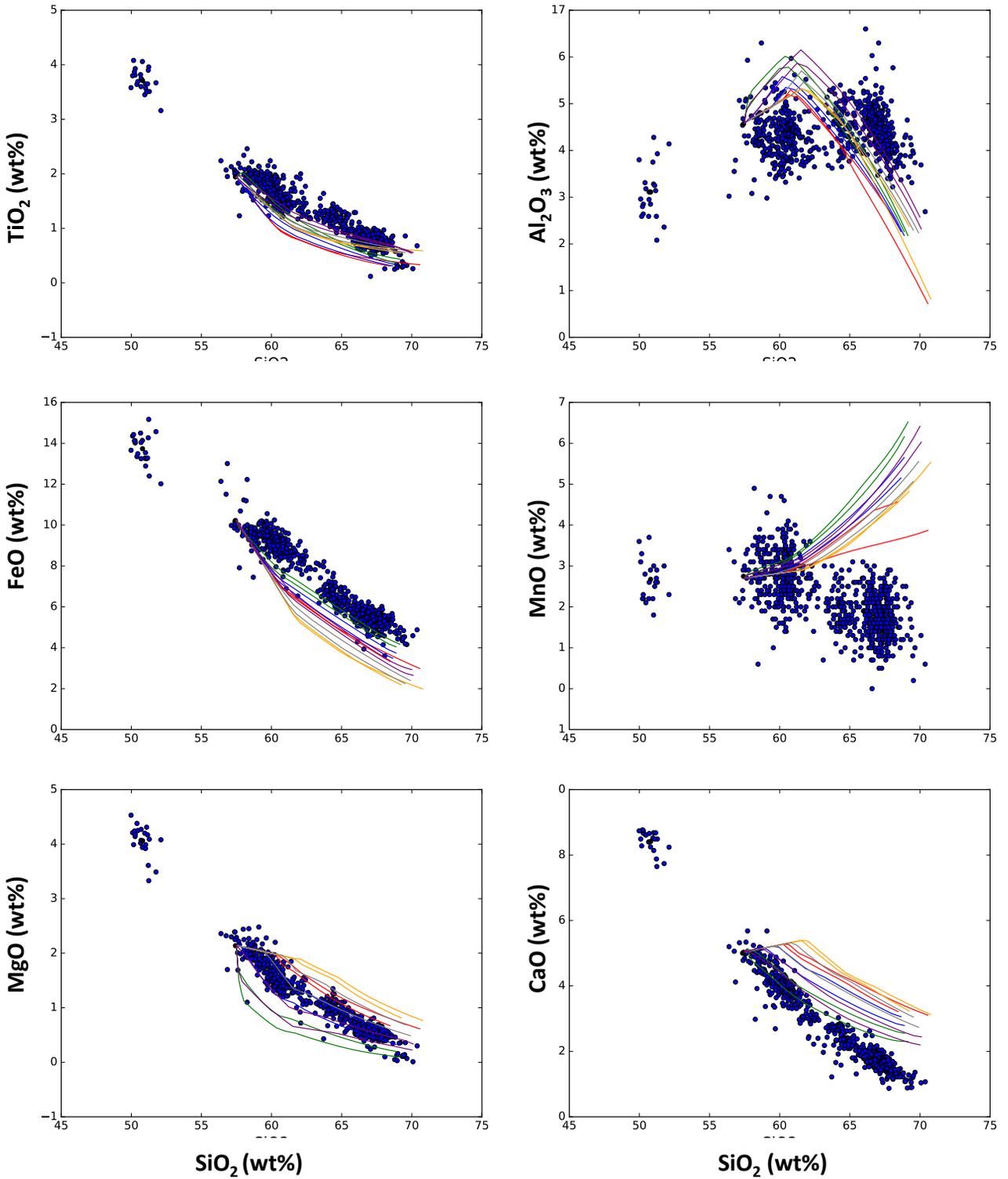
Starting Melt GL TA at 1.0 wt% H₂O



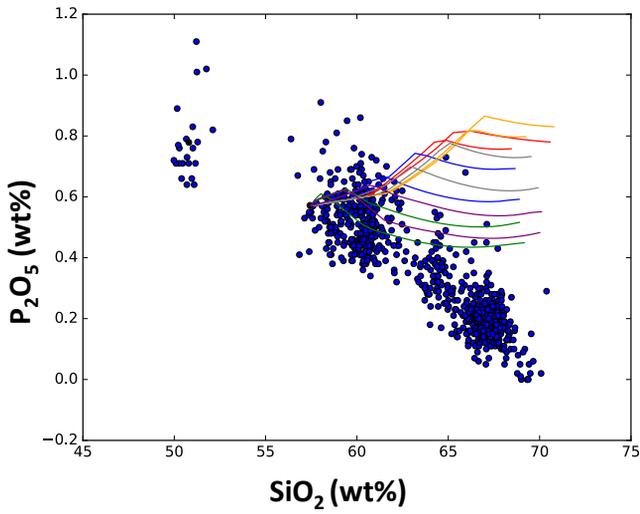
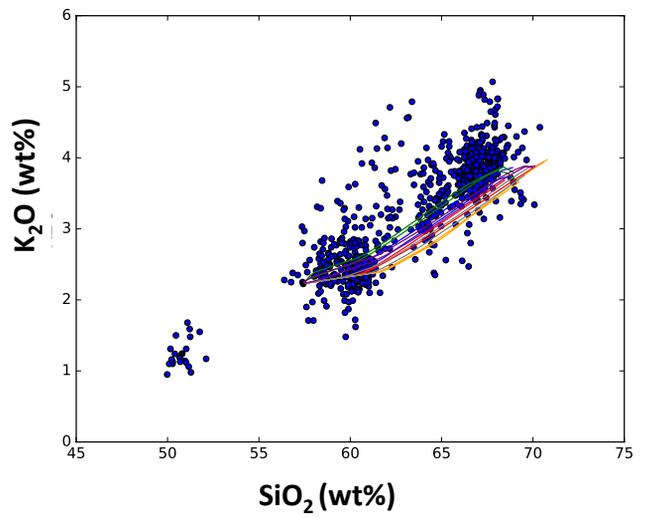
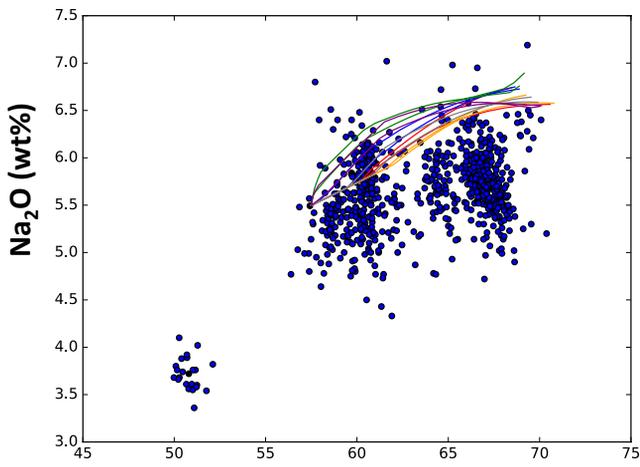
Starting Melt GL TA at 1.0 wt% H₂O



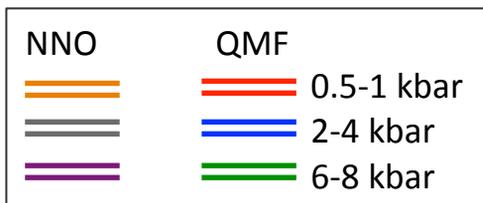
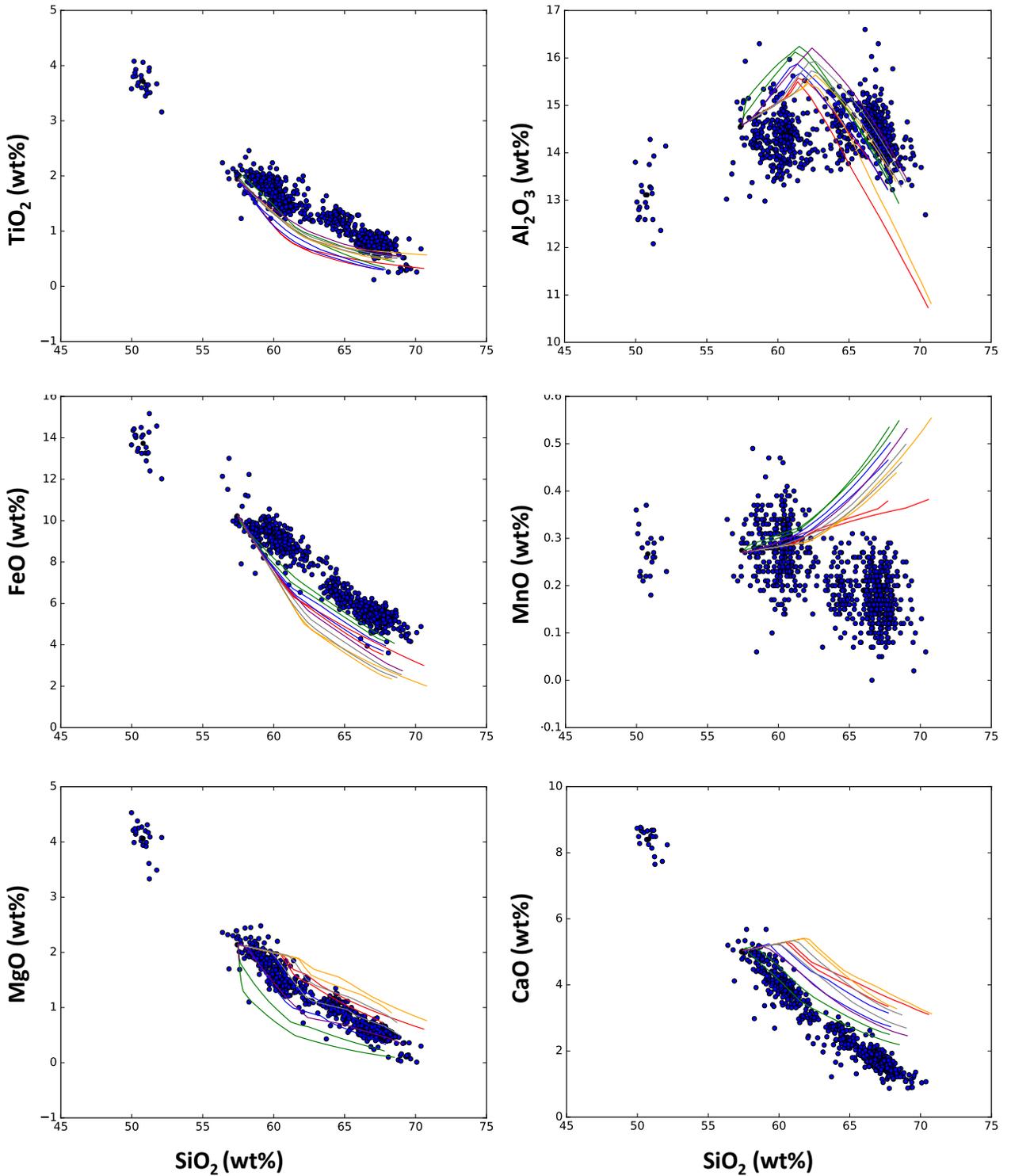
Starting Melt GL TA at 2.0 wt% H₂O



Starting Melt GL TA at 2.0 wt% H₂O



Starting Melt GL TA at 2.5 wt% H₂O



Starting Melt GL TA at 2.5 wt% H₂O

