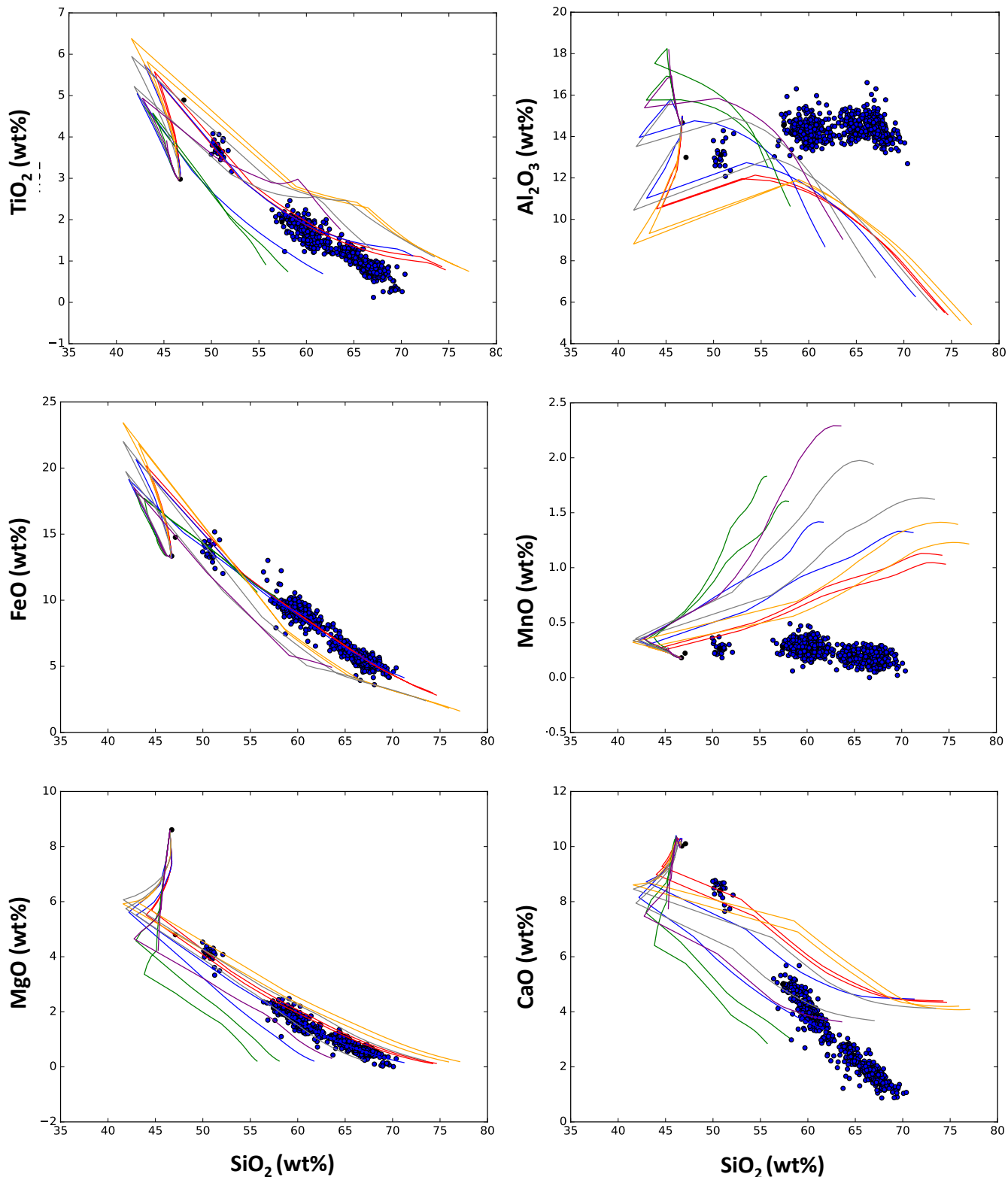
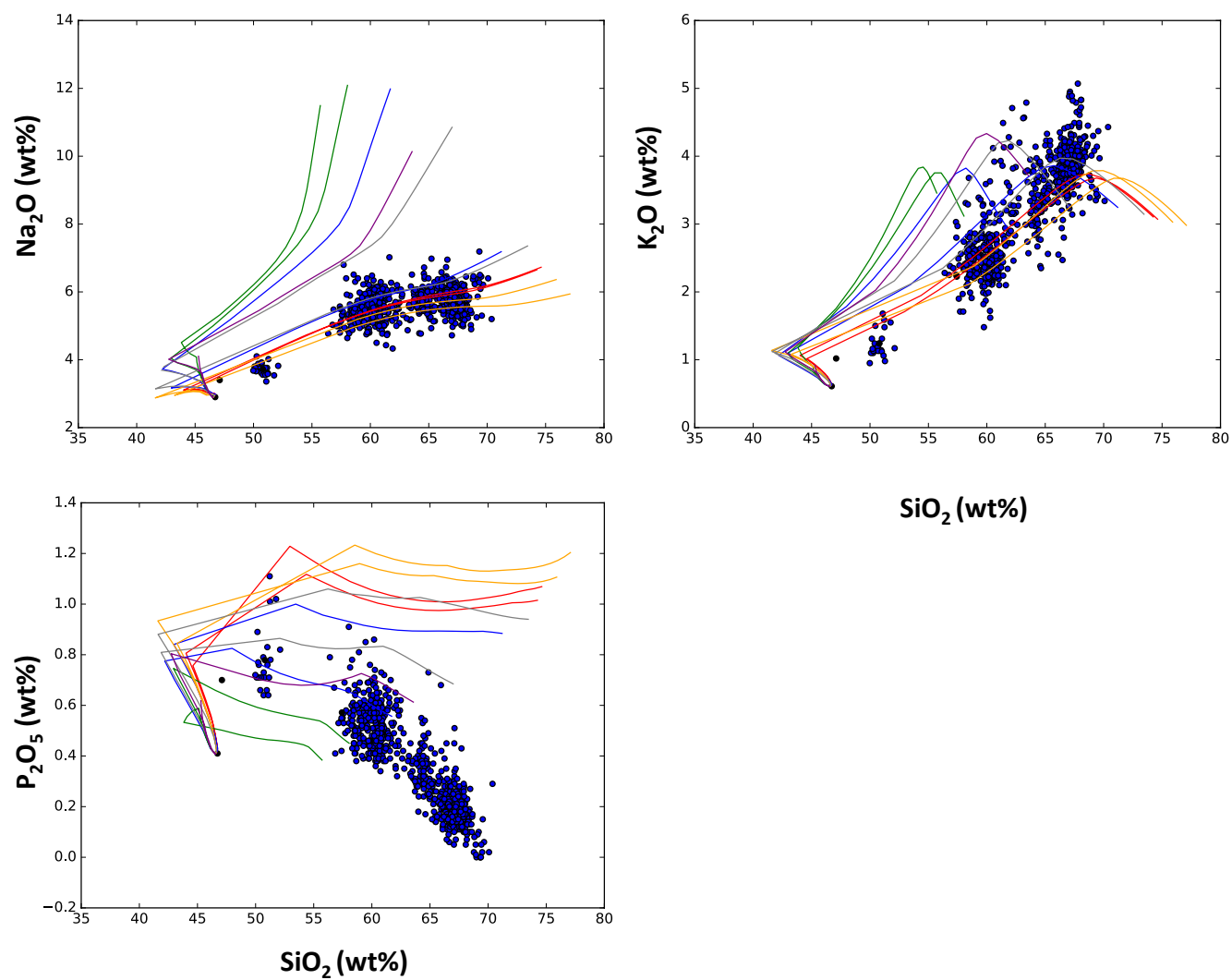


xi) Plots of Liquid lines of descent (LLD) calculated with MELTS using varying starting melt compositions under varying conditions

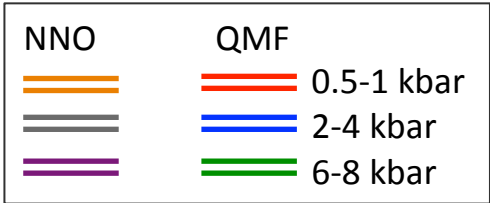
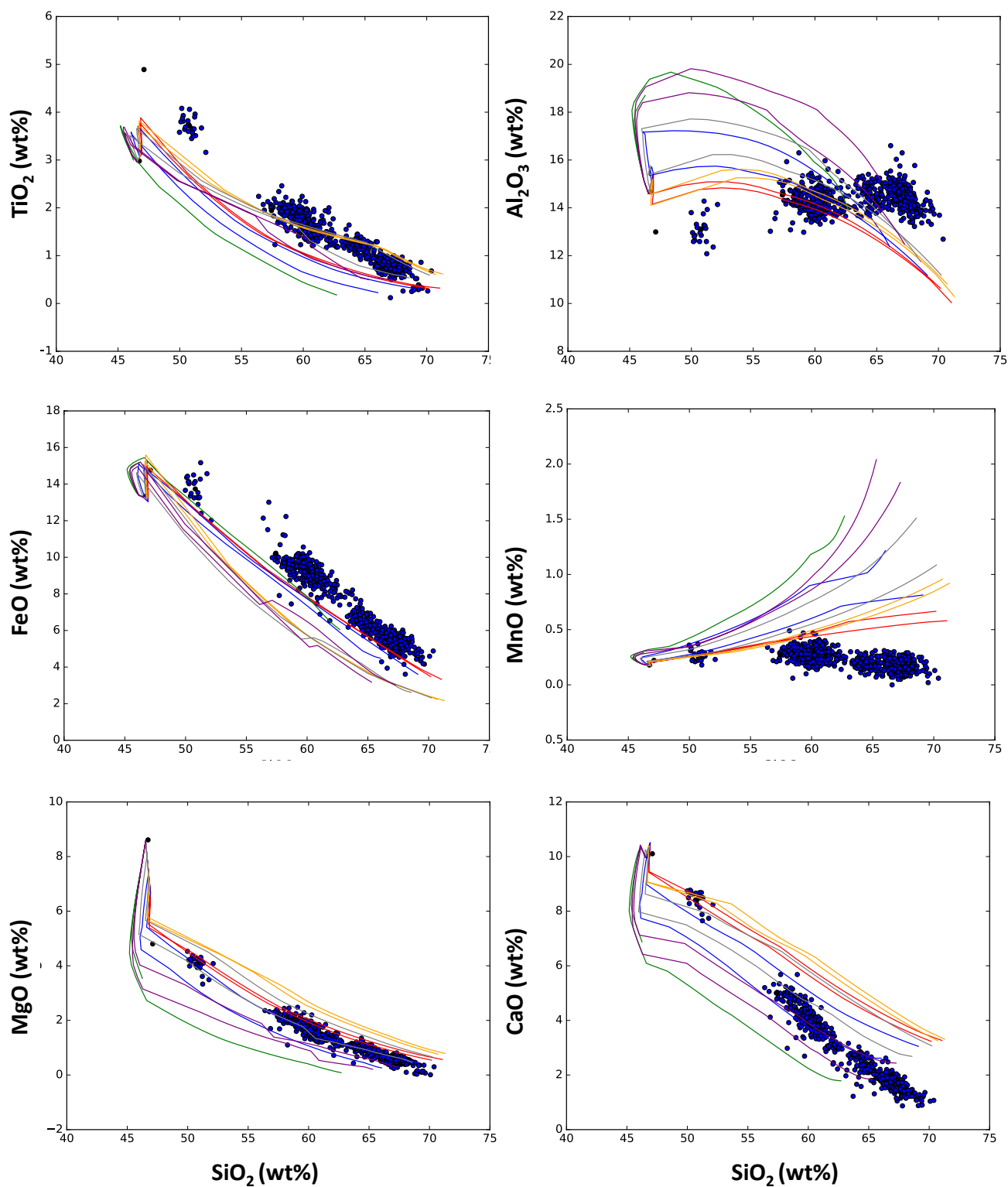
Starting Melt **WR BAS I at 0.0 wt% H<sub>2</sub>O**



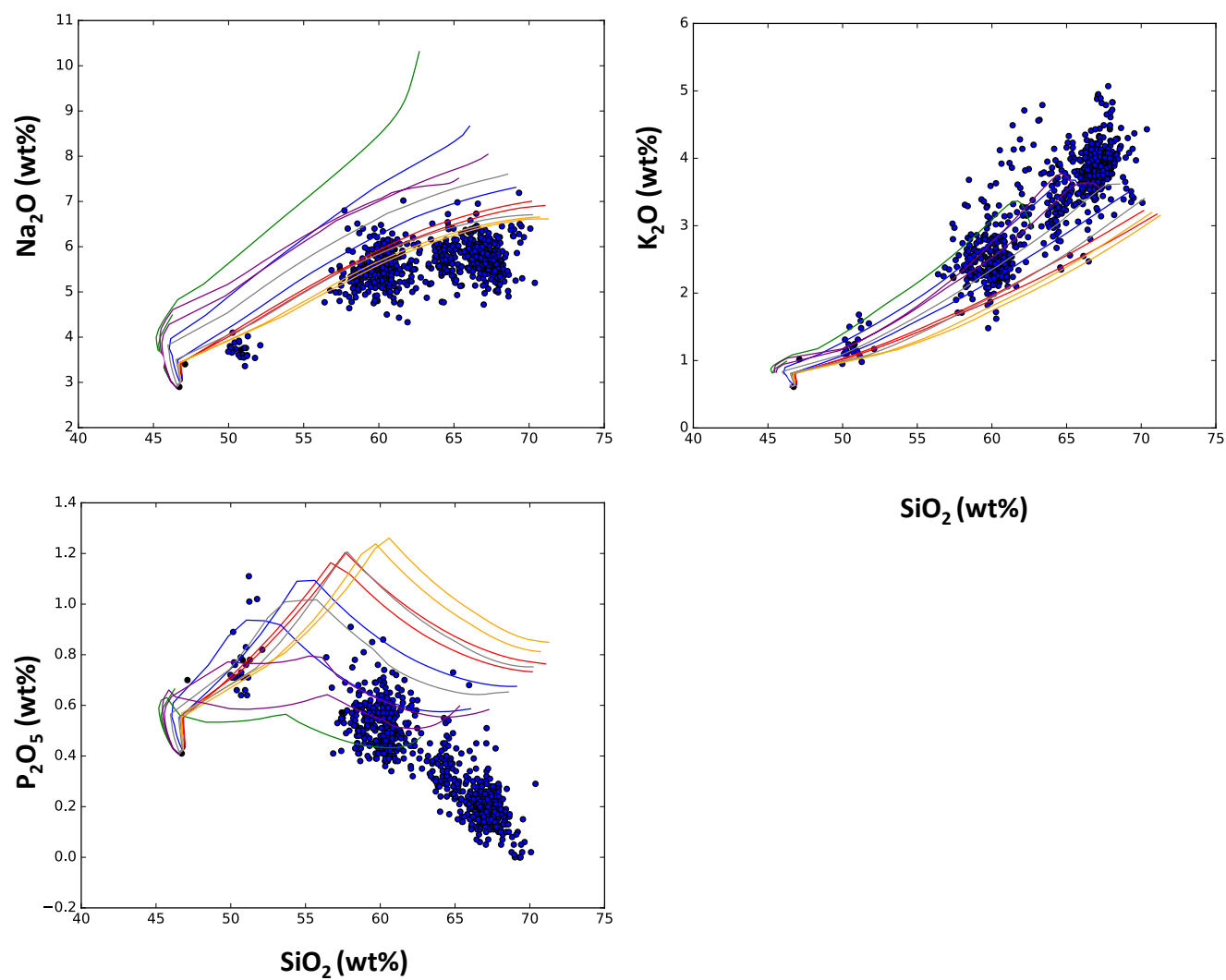
Starting Melt **WR BAS I at 0.0 wt% H<sub>2</sub>O**



Starting Melt **WR BAS I at 0.5 wt% H<sub>2</sub>O**

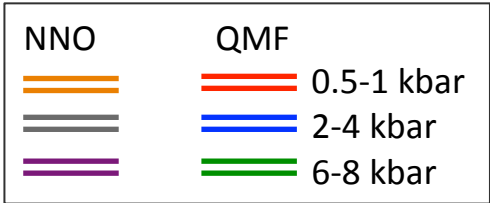
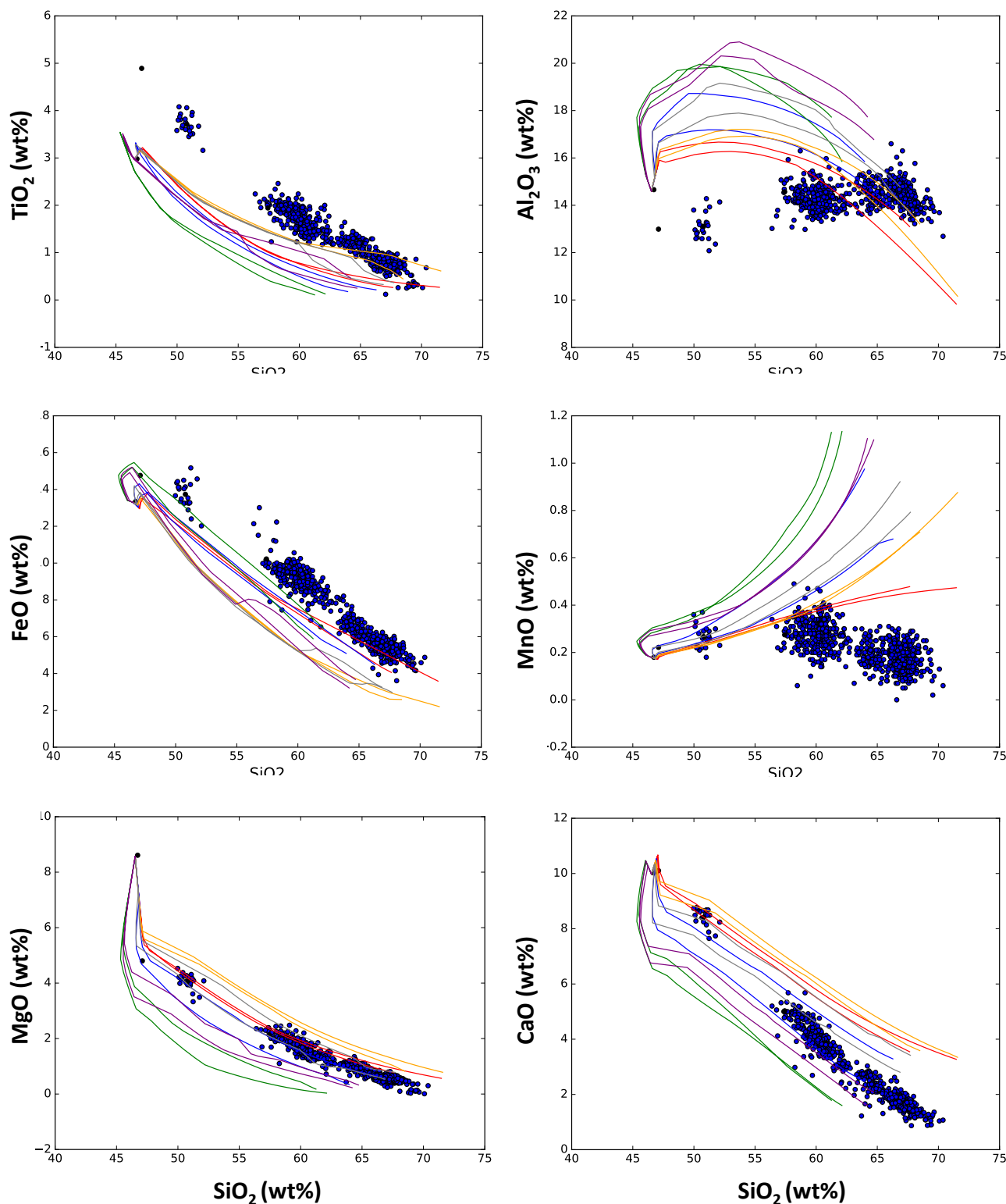


Starting Melt **WR BAS I at 0.5 wt% H<sub>2</sub>O**

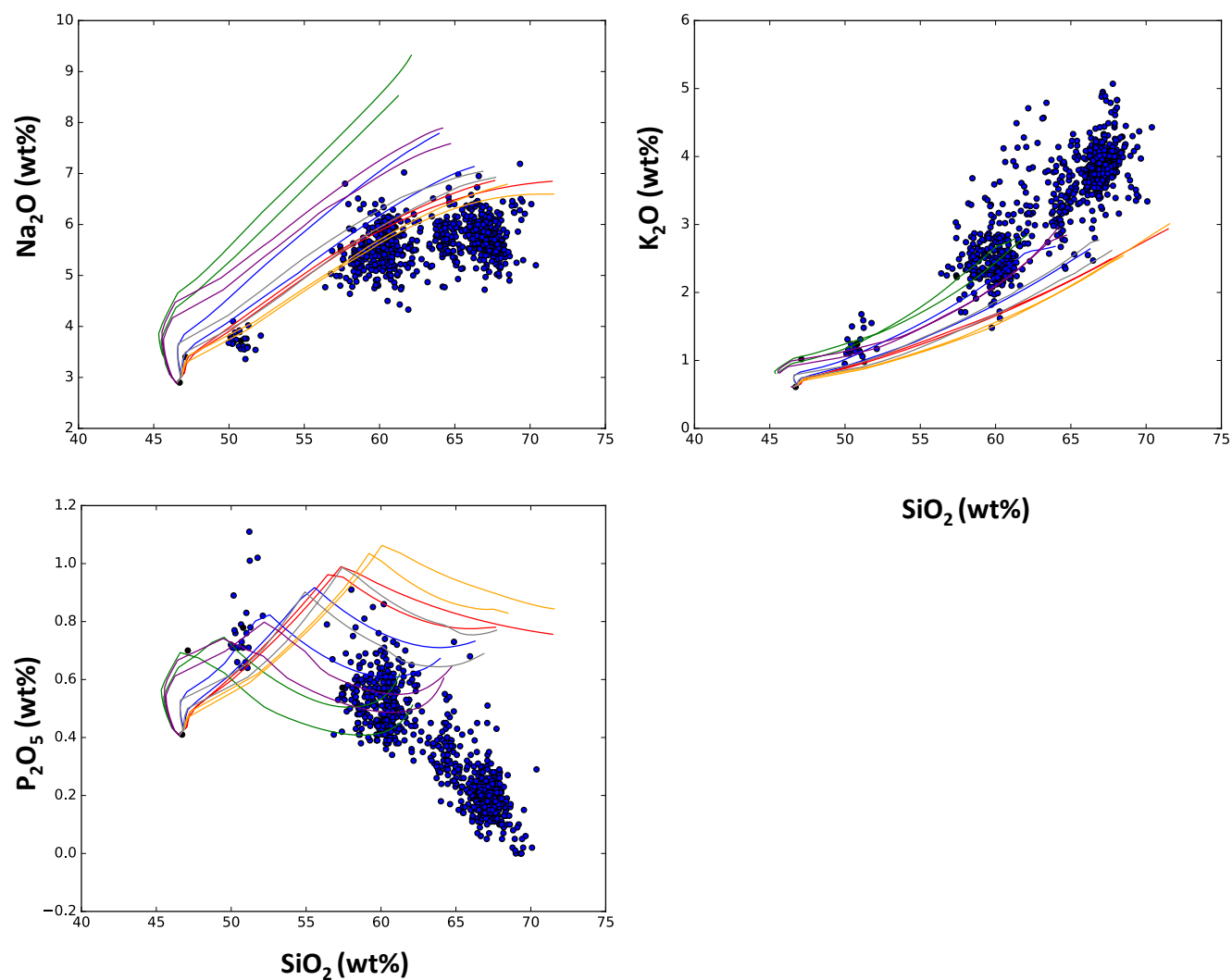




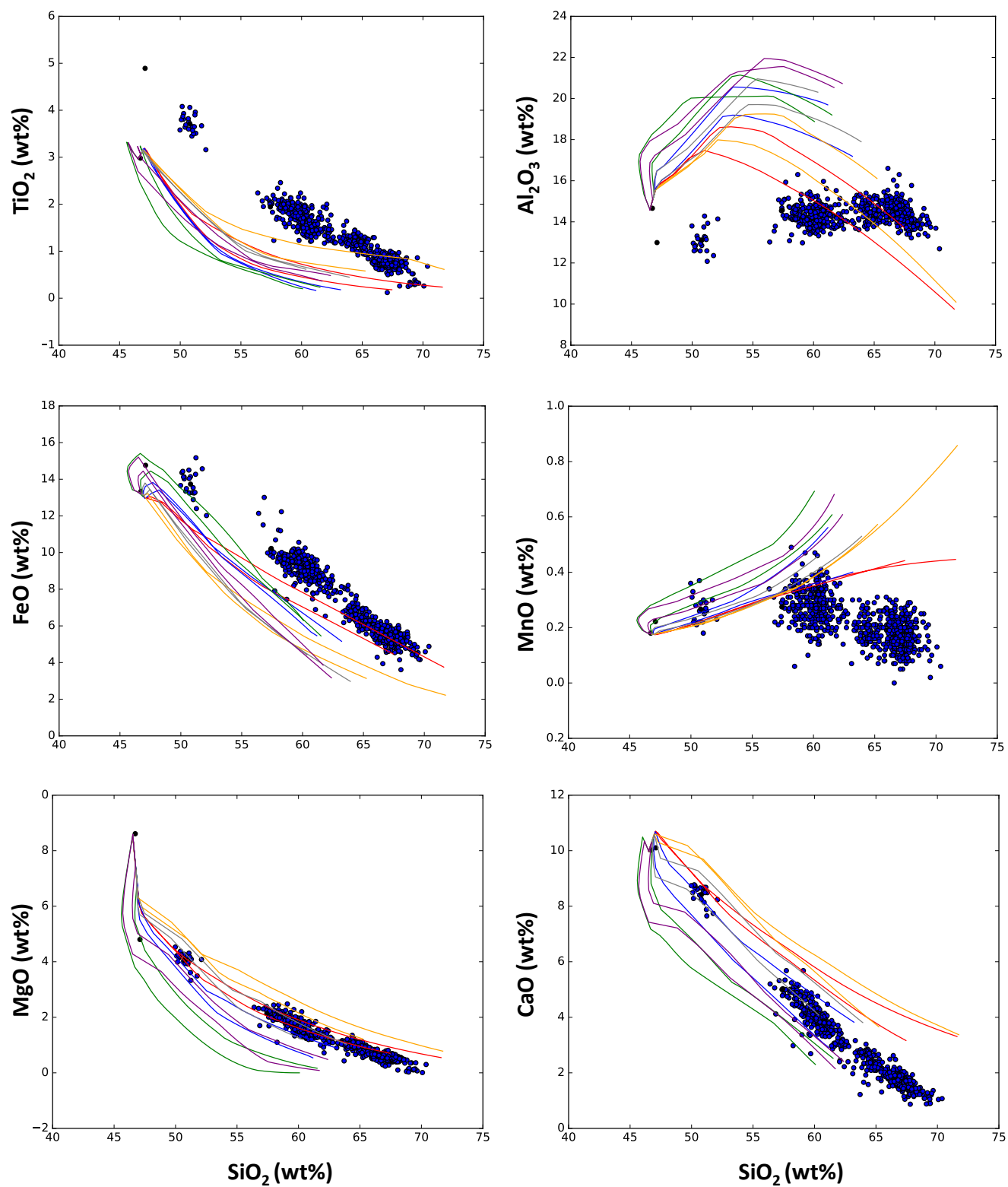
Starting Melt **WR BAS I at 1.0 wt% H<sub>2</sub>O**



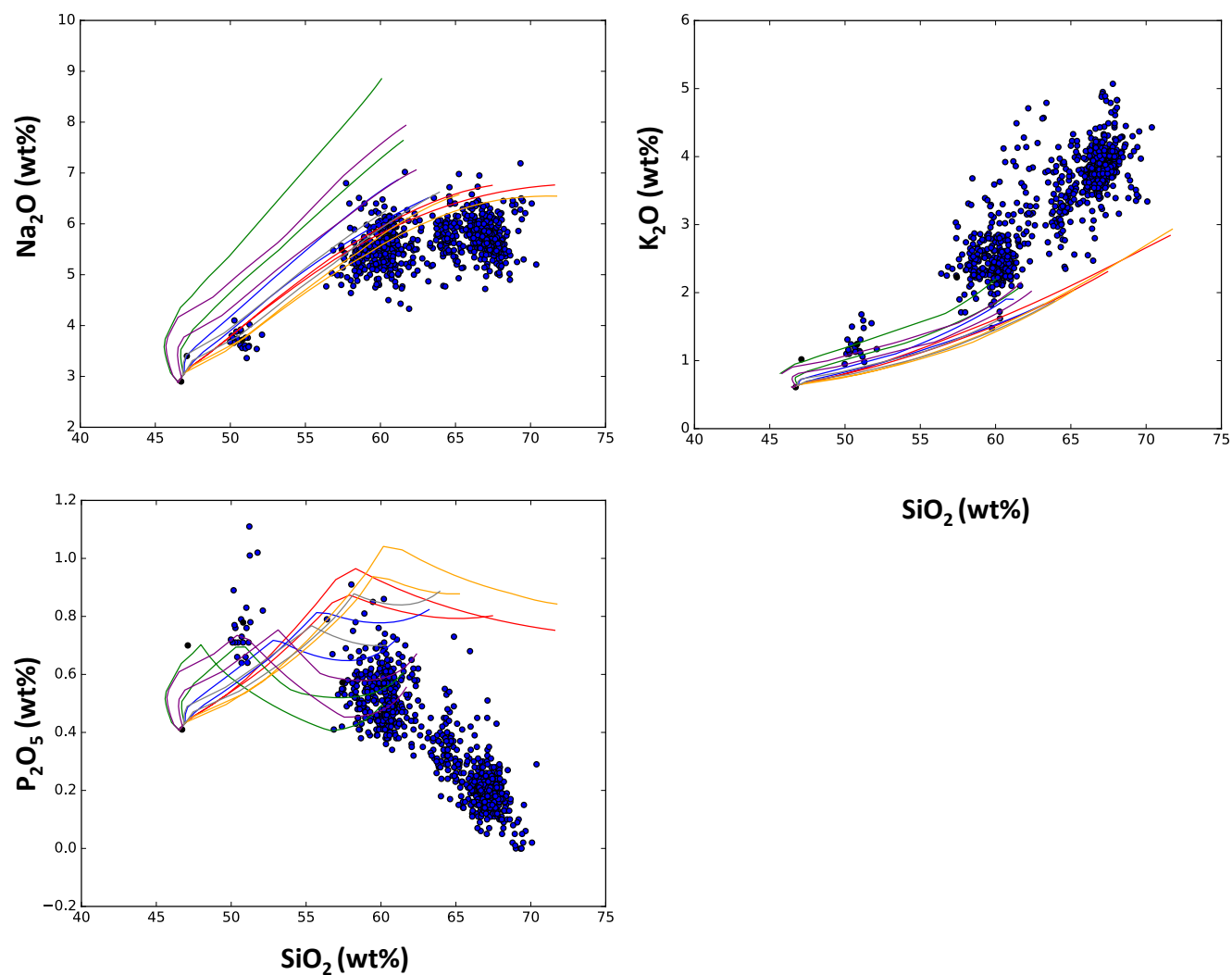
Starting Melt **WR BAS I at 1.0 wt% H<sub>2</sub>O**



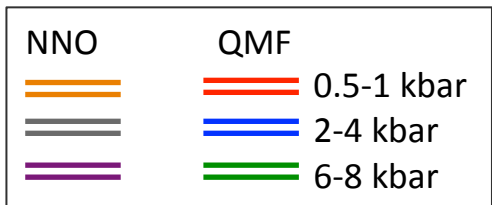
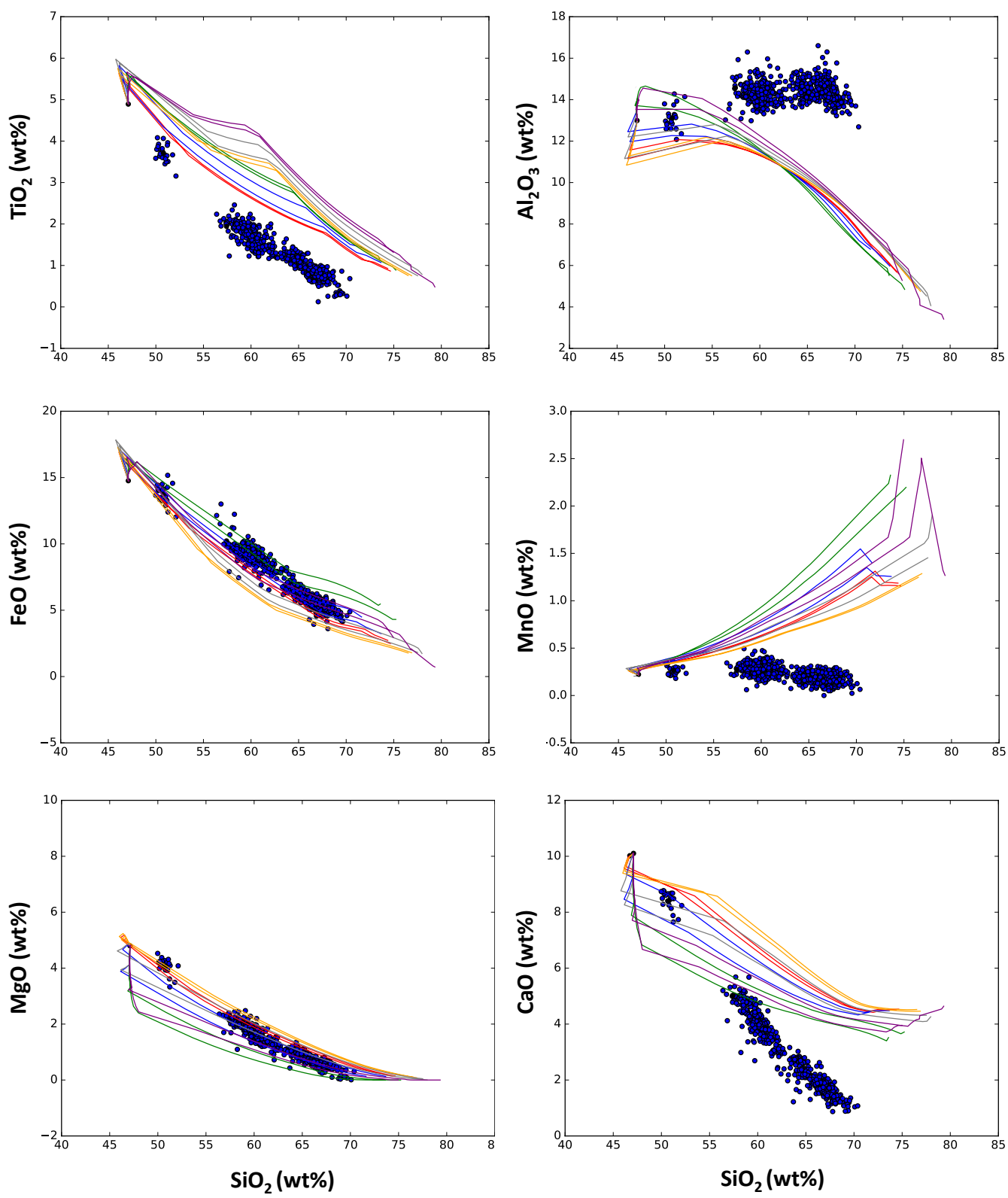
Starting Melt **WR BAS I at 2.0 wt% H<sub>2</sub>O**



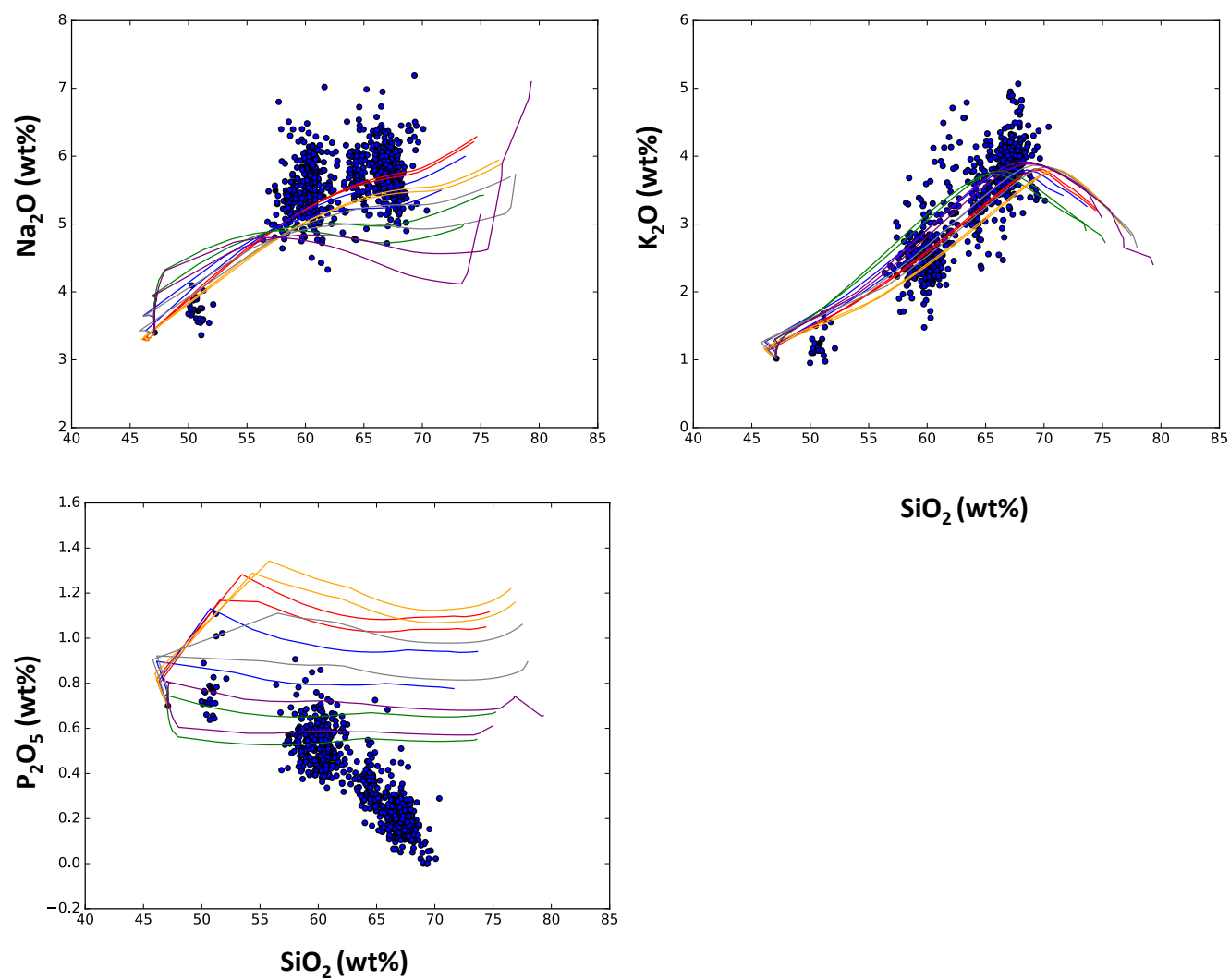
Starting Melt **WR BAS I at 2.0 wt% H<sub>2</sub>O**



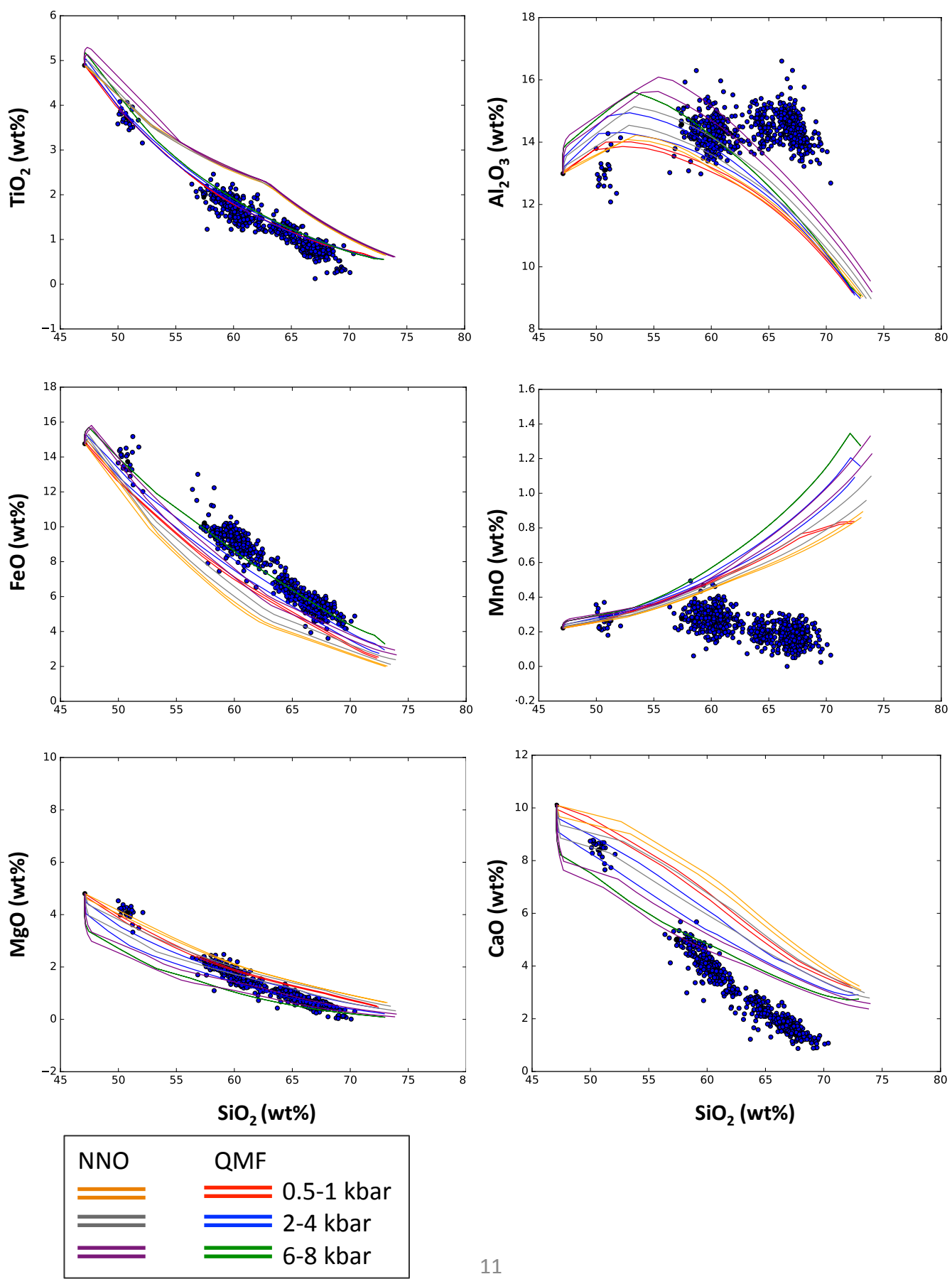
Starting Melt **GL BAS I** at 0.0 wt% H<sub>2</sub>O



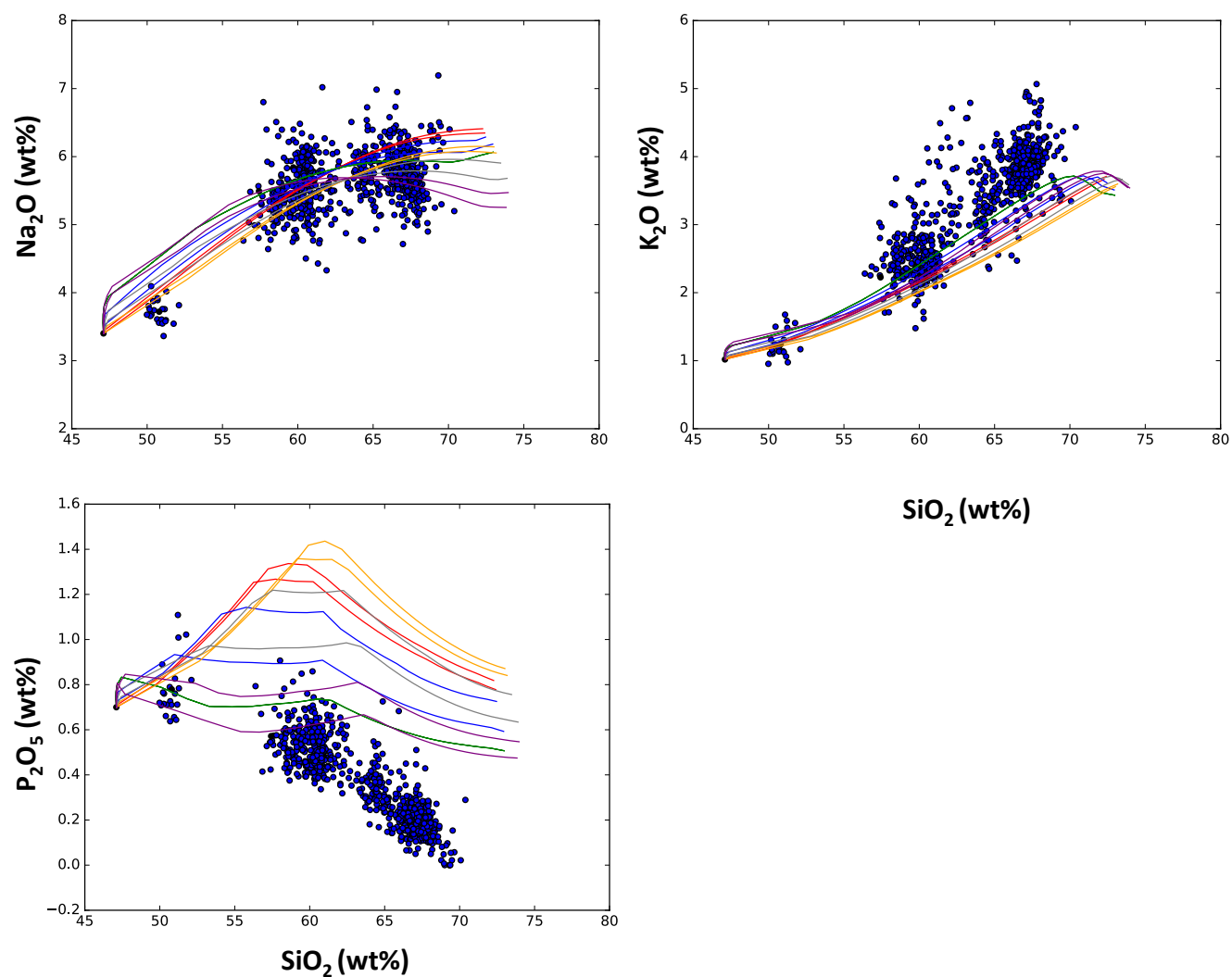
Starting Melt **GL BAS I at 0.0 wt% H<sub>2</sub>O**



Starting Melt **GL BAS I at 0.5 wt% H<sub>2</sub>O**

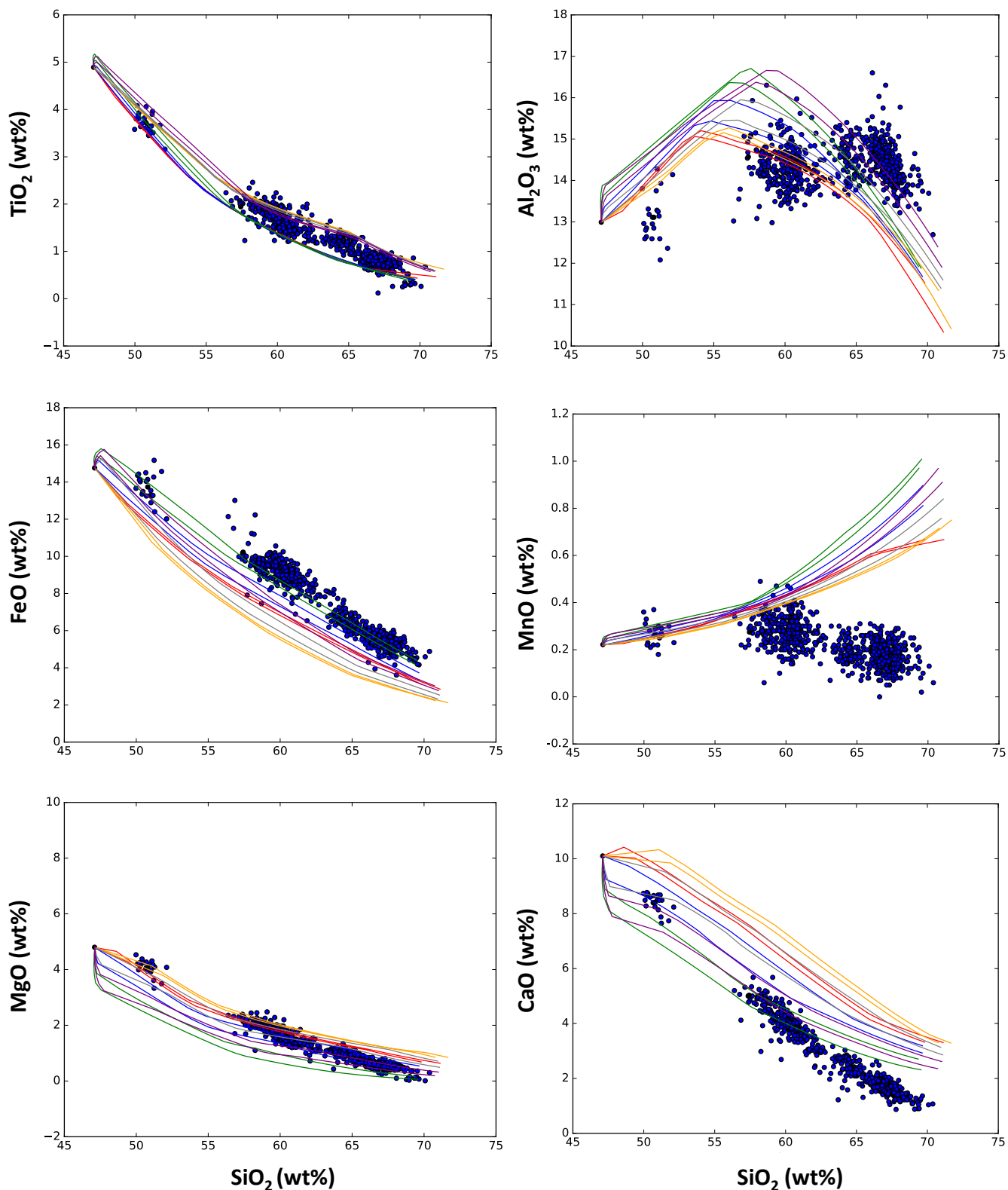


Starting Melt **GL BAS I at 0.5 wt% H<sub>2</sub>O**

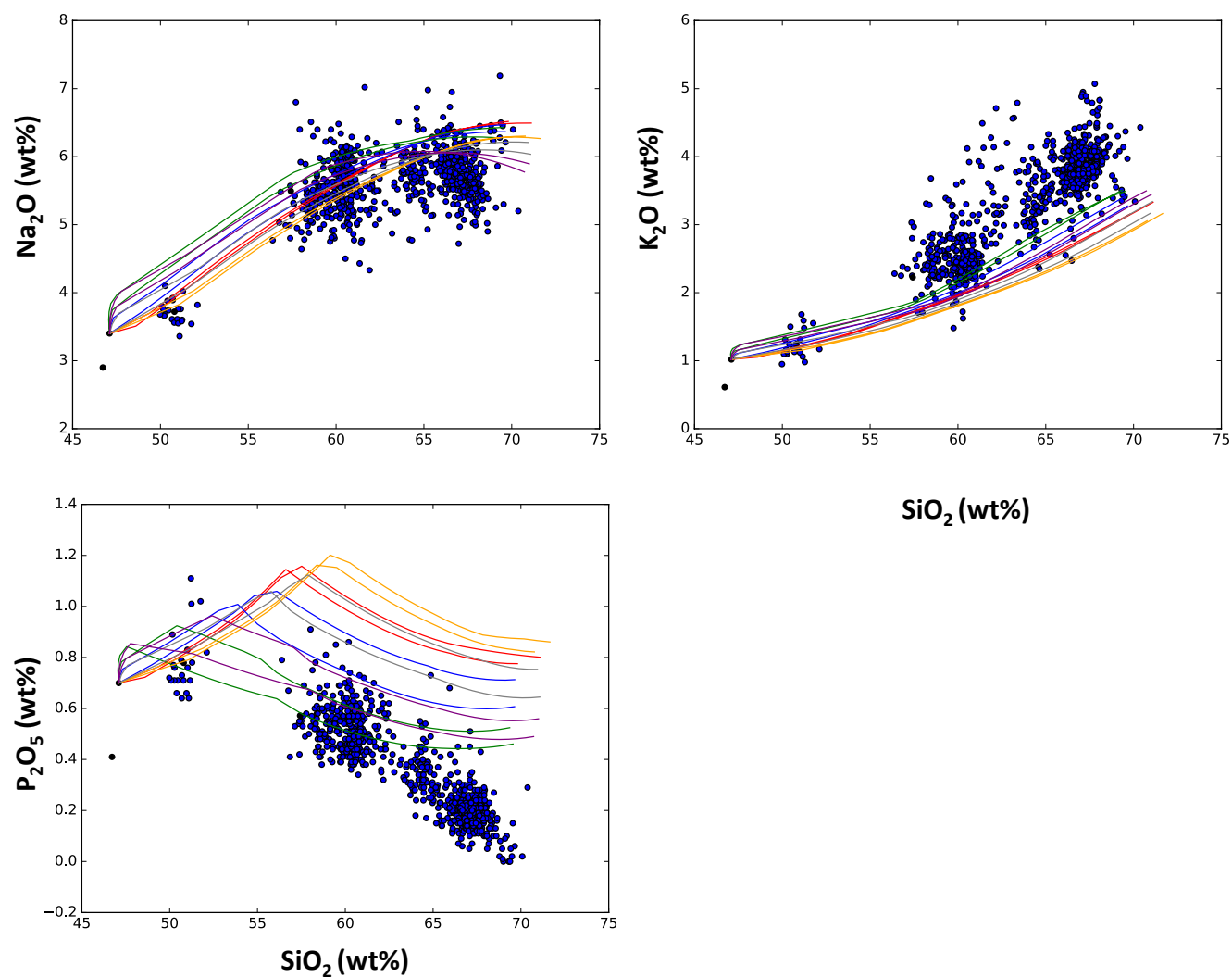




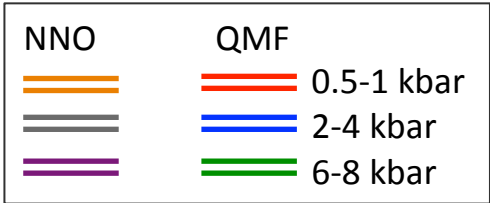
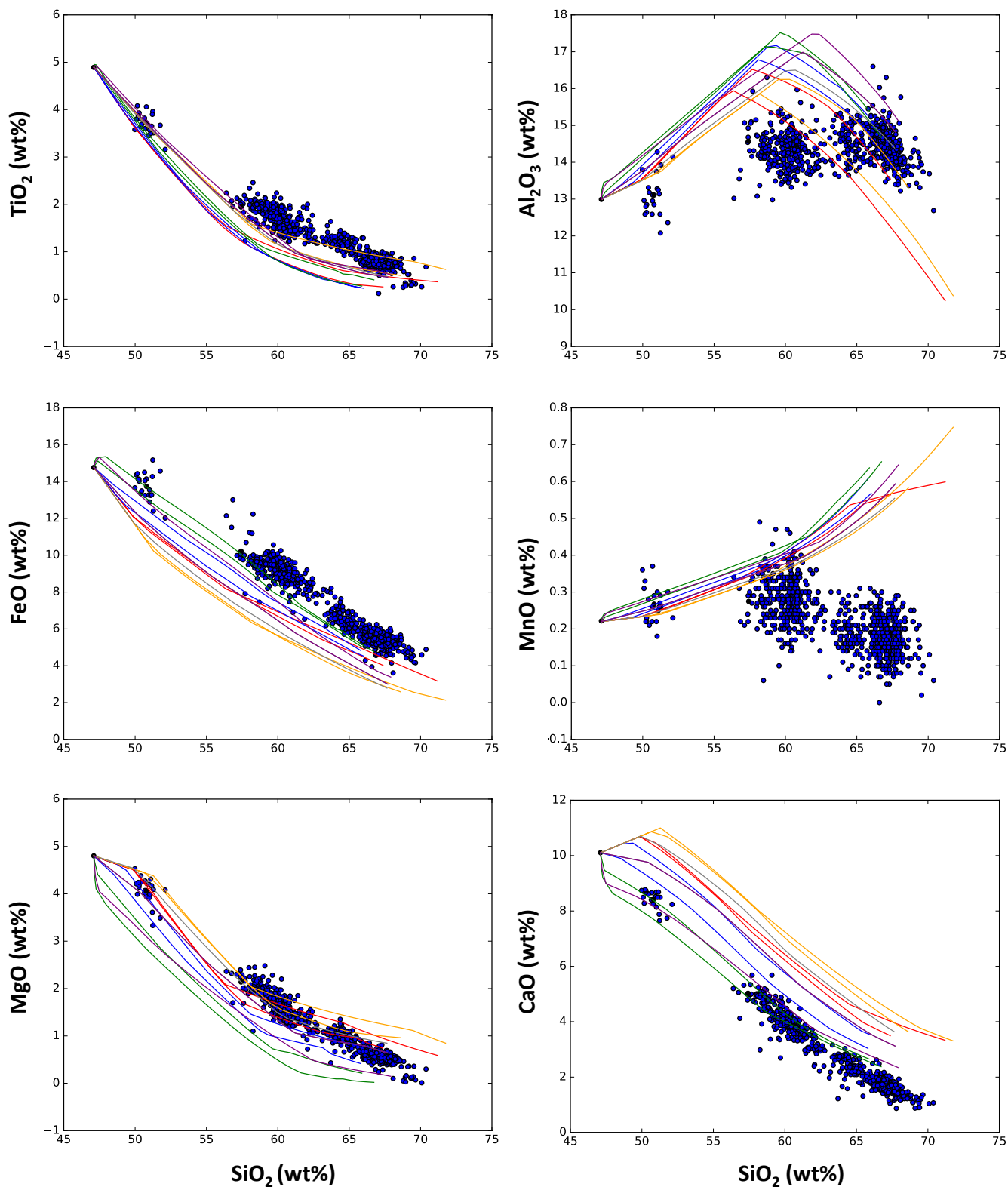
Starting Melt **GL BAS I** at 1.0 wt% H<sub>2</sub>O



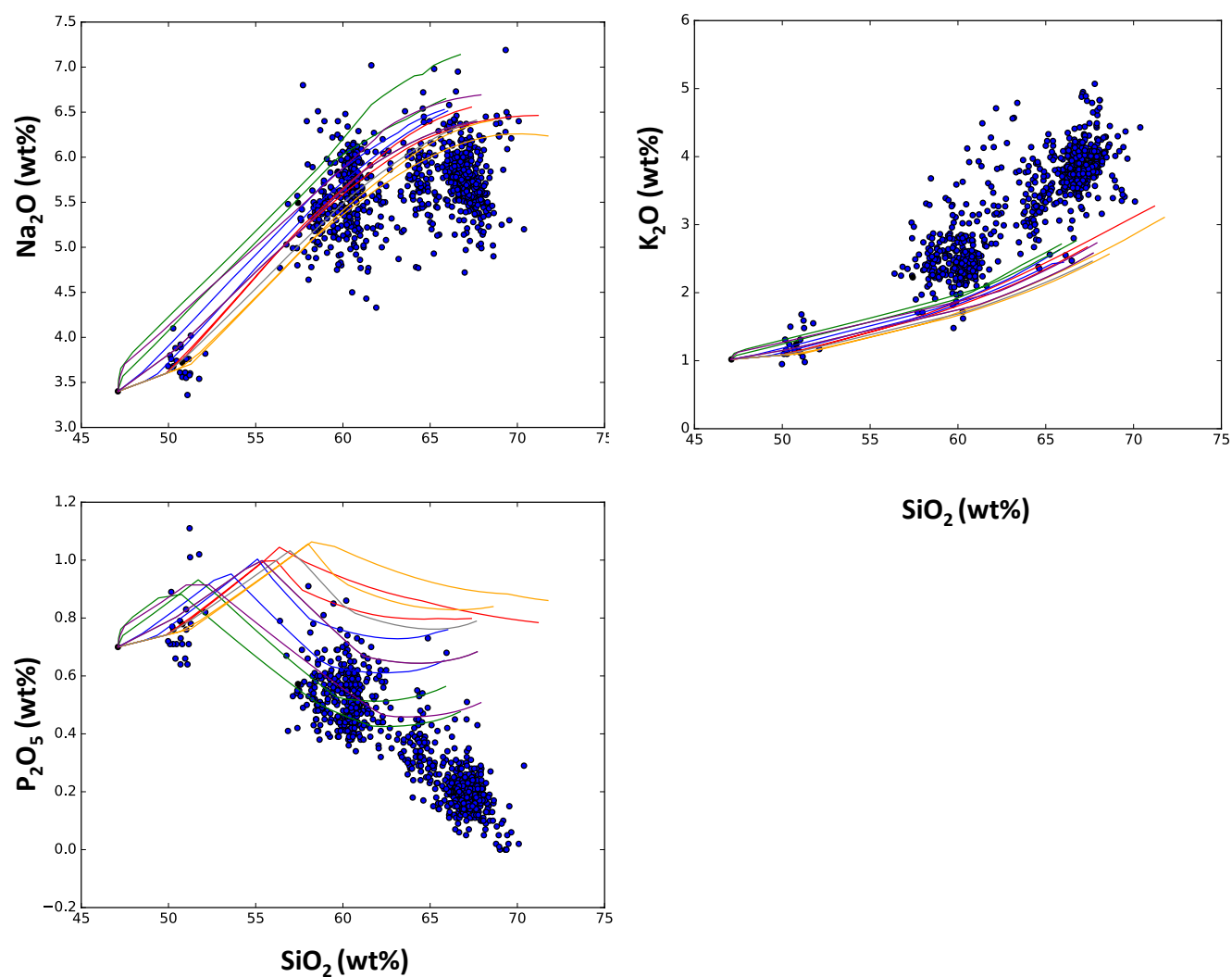
Starting Melt **GL BAS I** at 1.0 wt% H<sub>2</sub>O



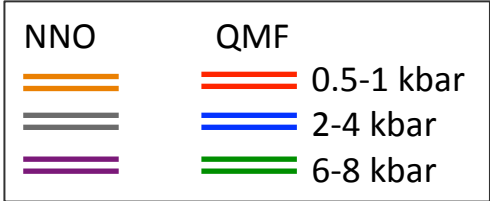
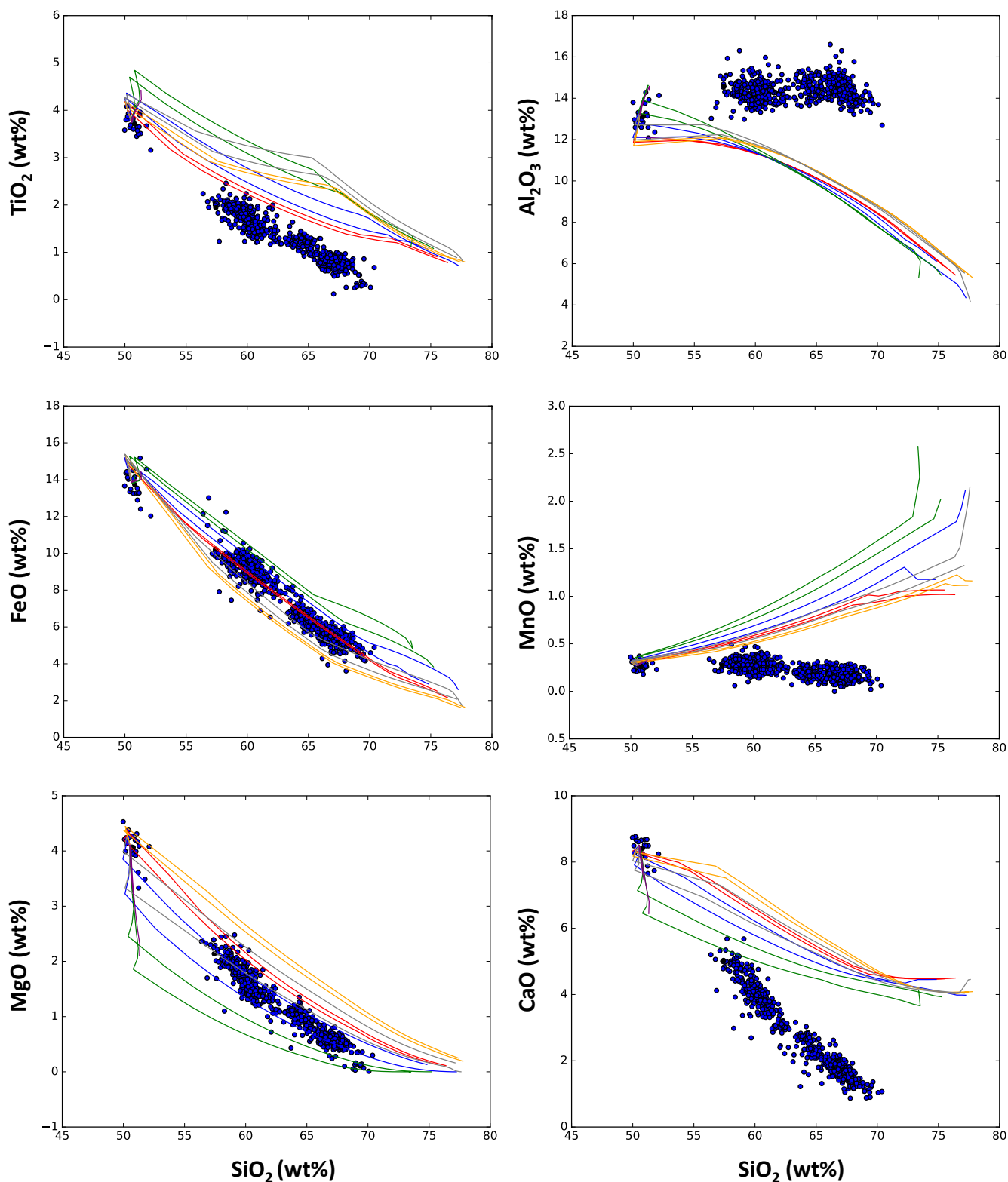
Starting Melt **GL BAS I** at 2.0 wt% H<sub>2</sub>O



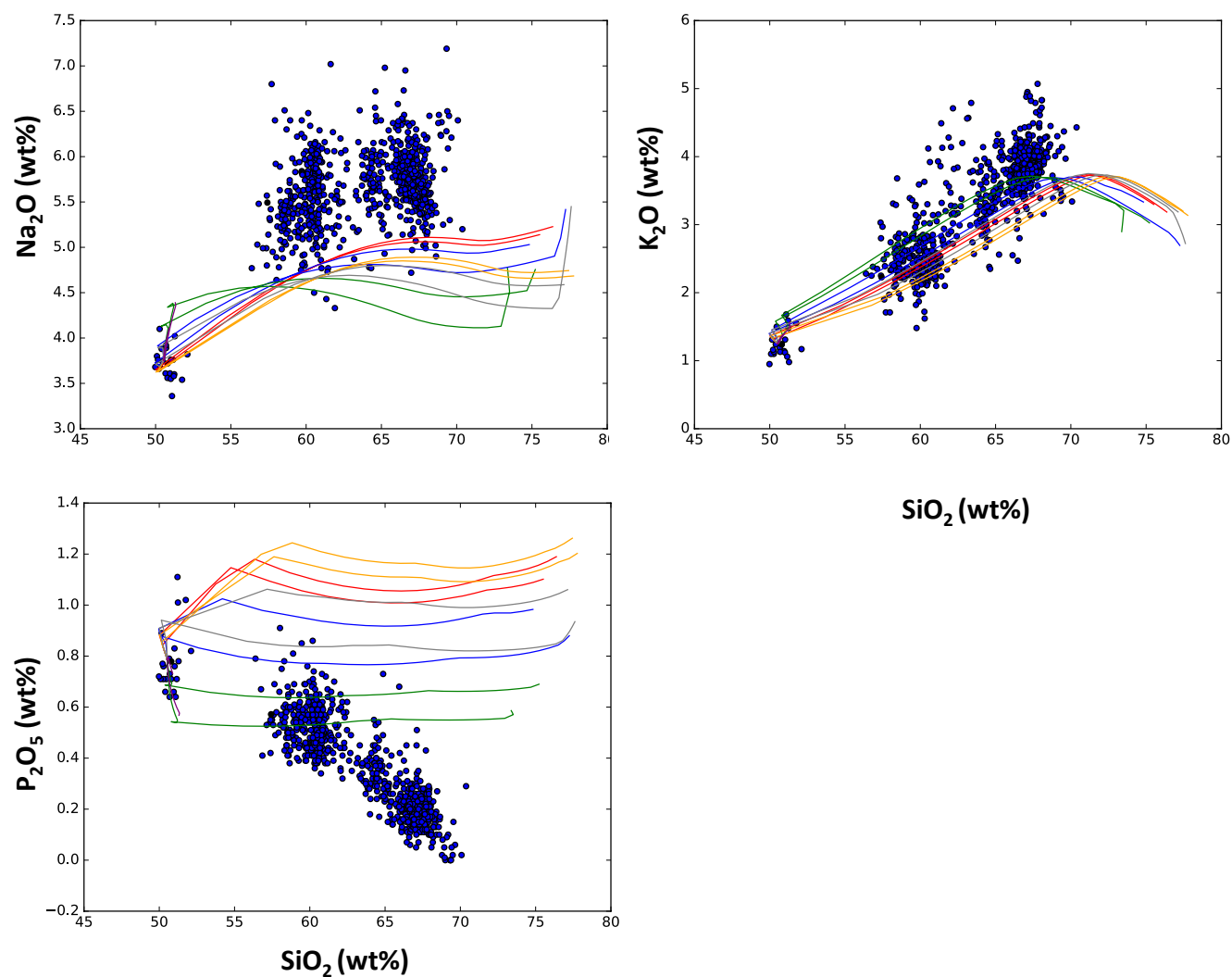
Starting Melt **GL BAS I** at 2.0 wt% H<sub>2</sub>O



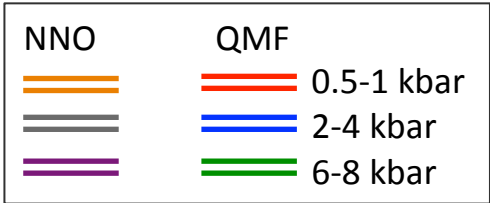
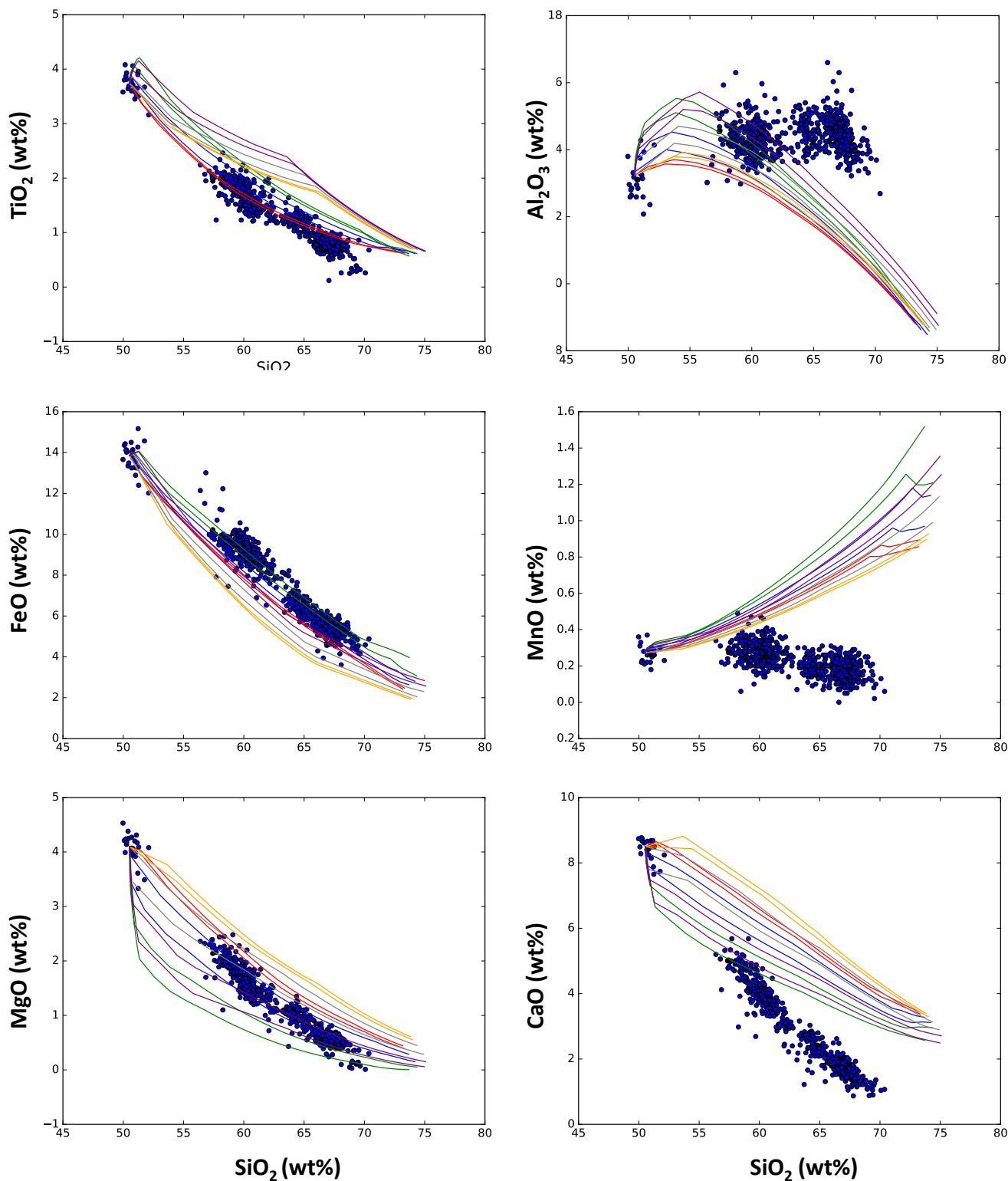
Starting Melt **GL BAS II** at 0.0 wt% H<sub>2</sub>O



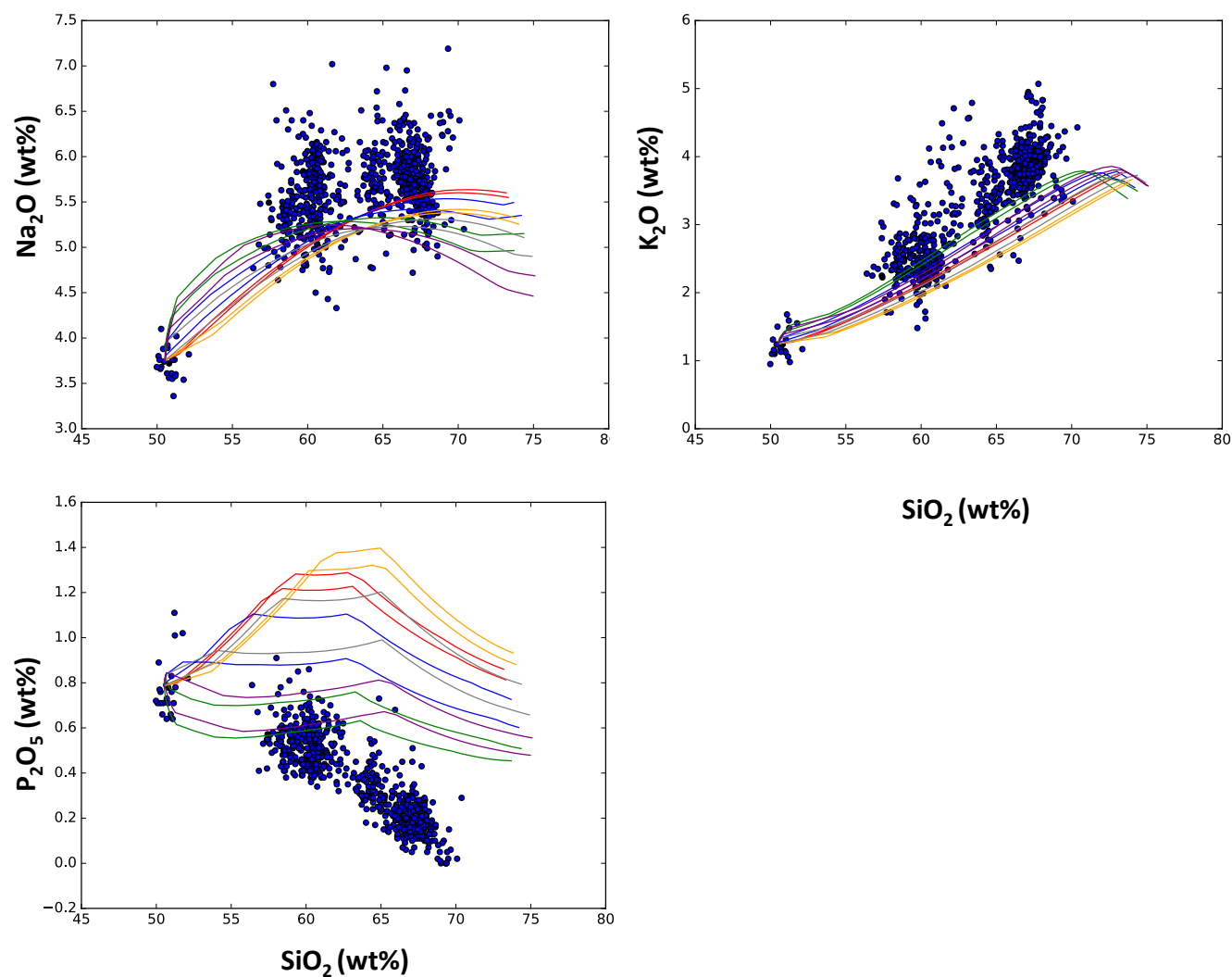
Starting Melt **GL BAS II** at 0.0 wt% H<sub>2</sub>O



Starting Melt **GL BAS II** at 0.5 wt% H<sub>2</sub>O

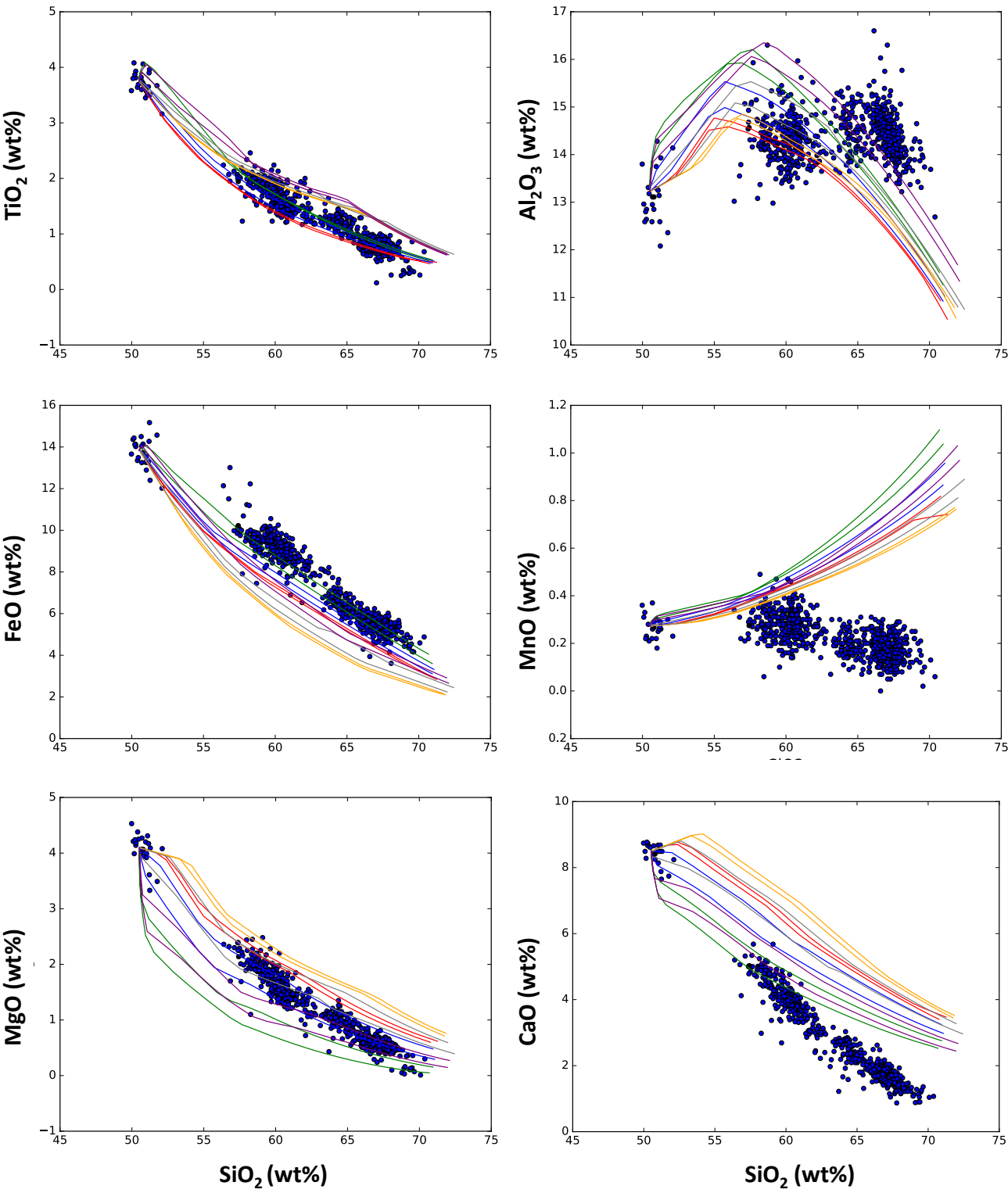


Starting Melt **GL BAS II at 0.5 wt% H<sub>2</sub>O**

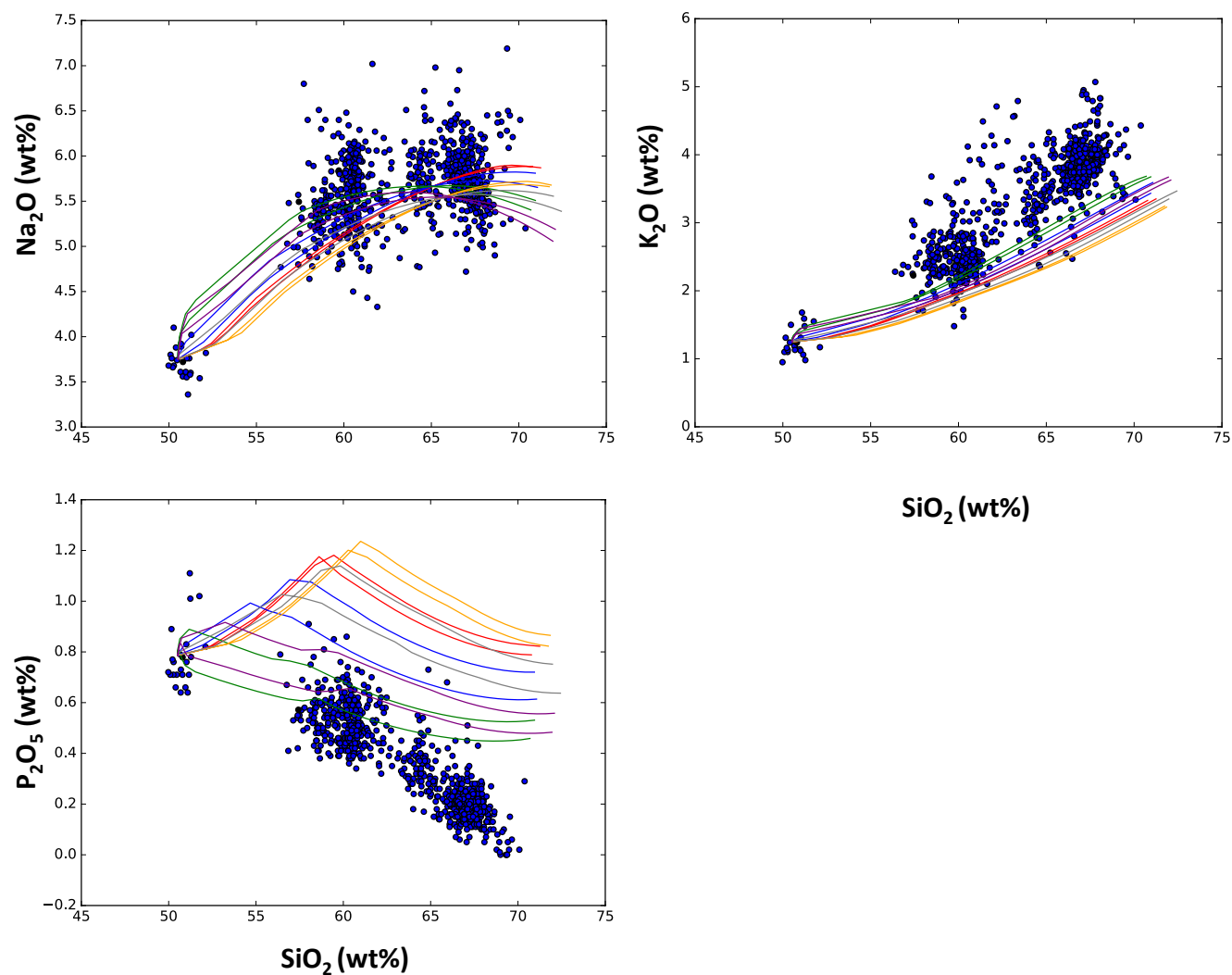




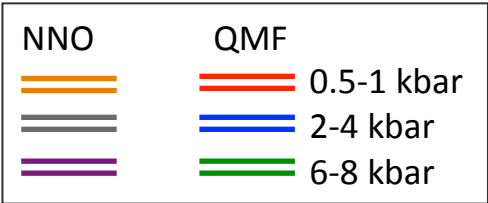
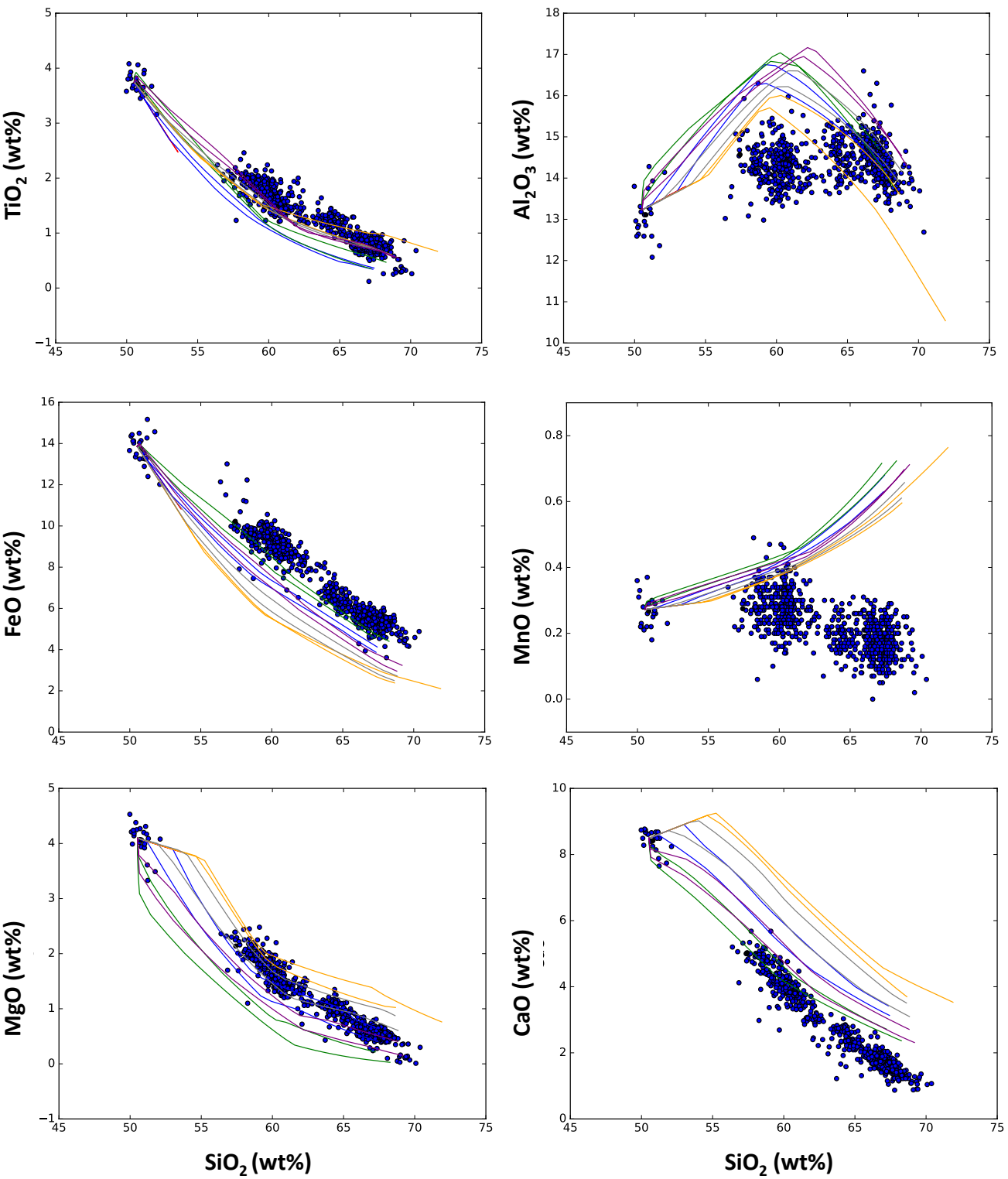
Starting Melt **GL BAS II** at 1.0 wt% H<sub>2</sub>O



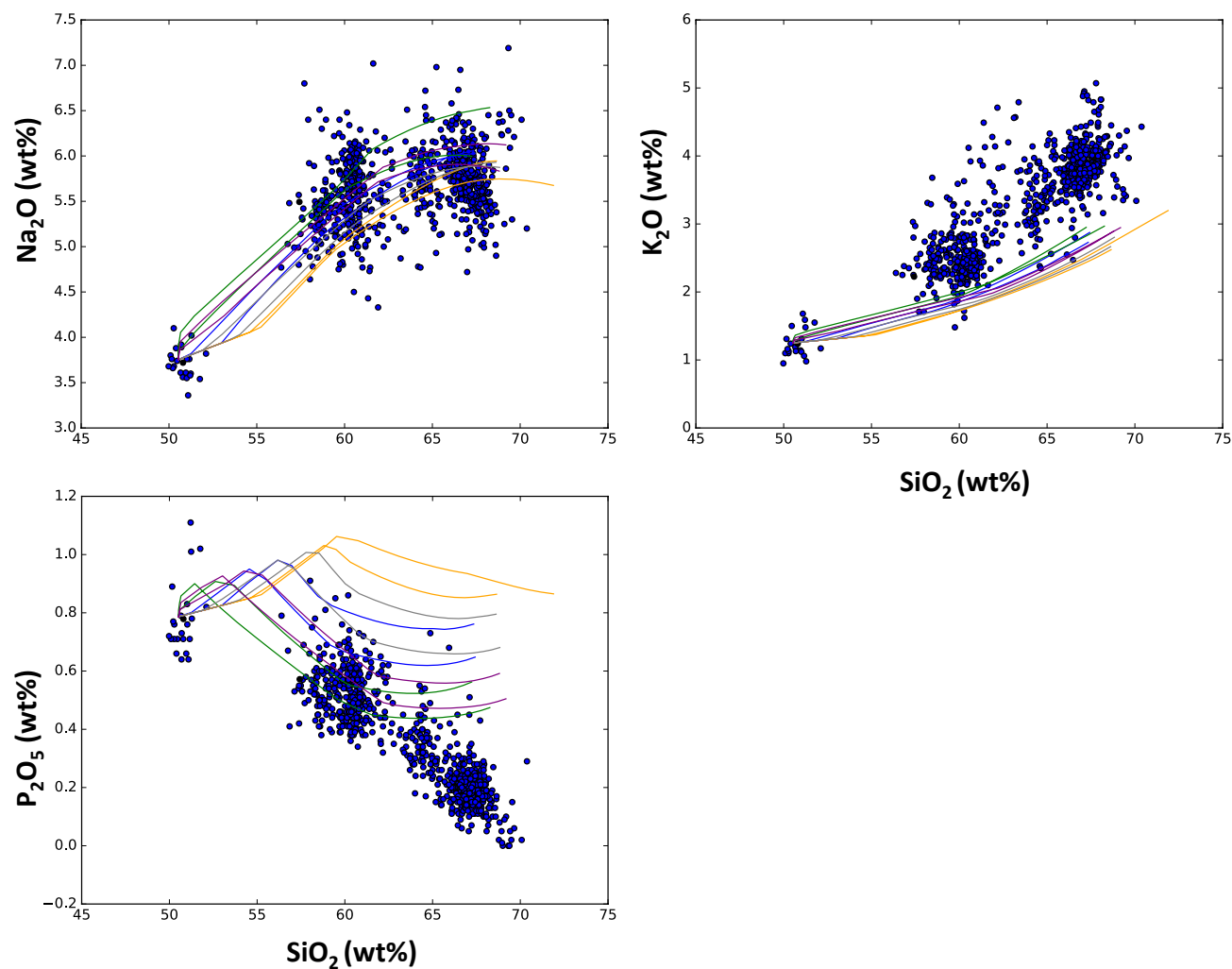
Starting Melt **GL BAS II** at 1.0 wt% H<sub>2</sub>O



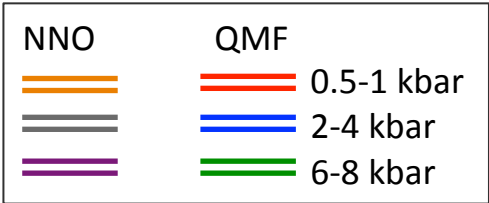
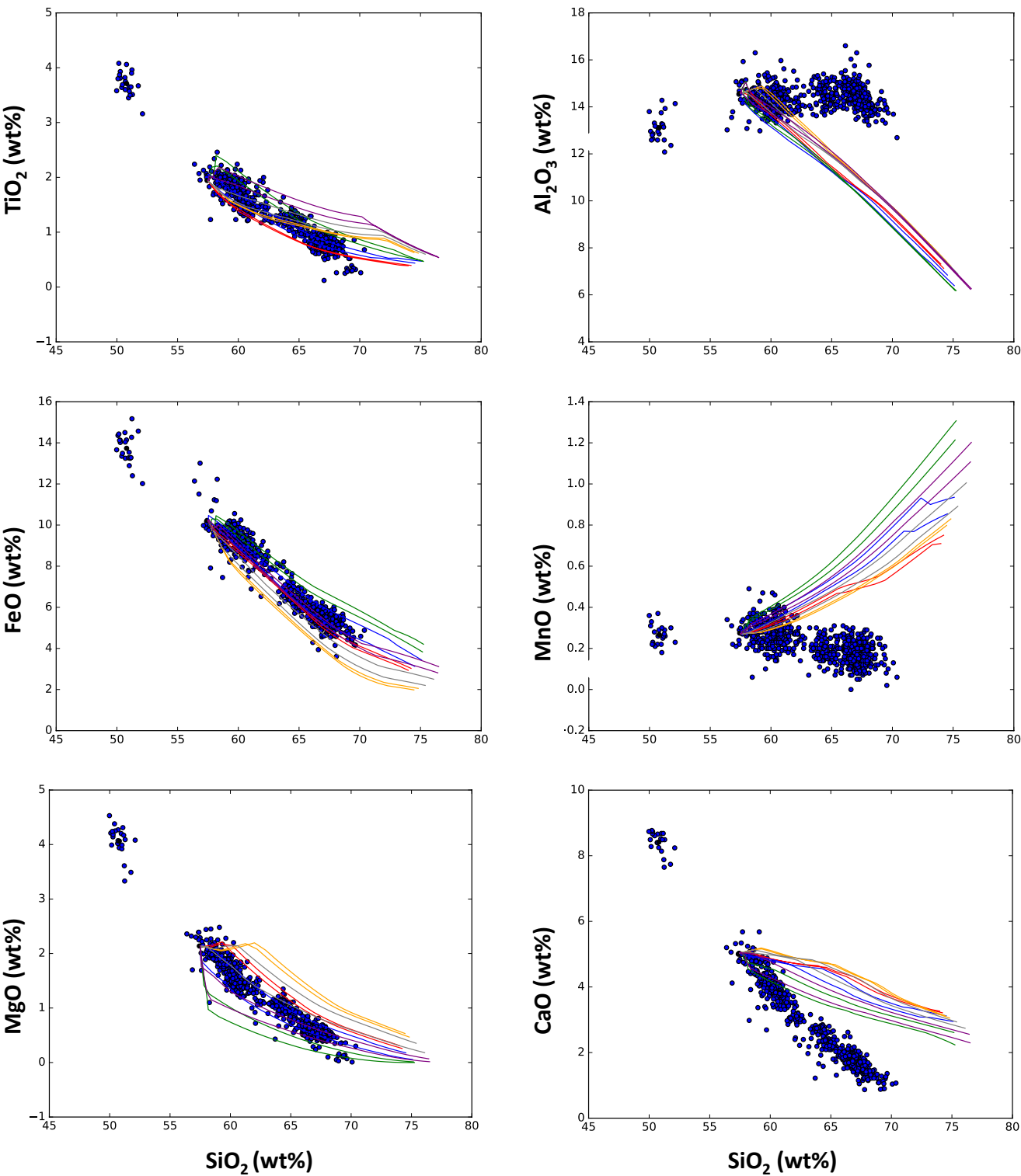
Starting Melt **GL BAS II** at 2.0 wt% H<sub>2</sub>O



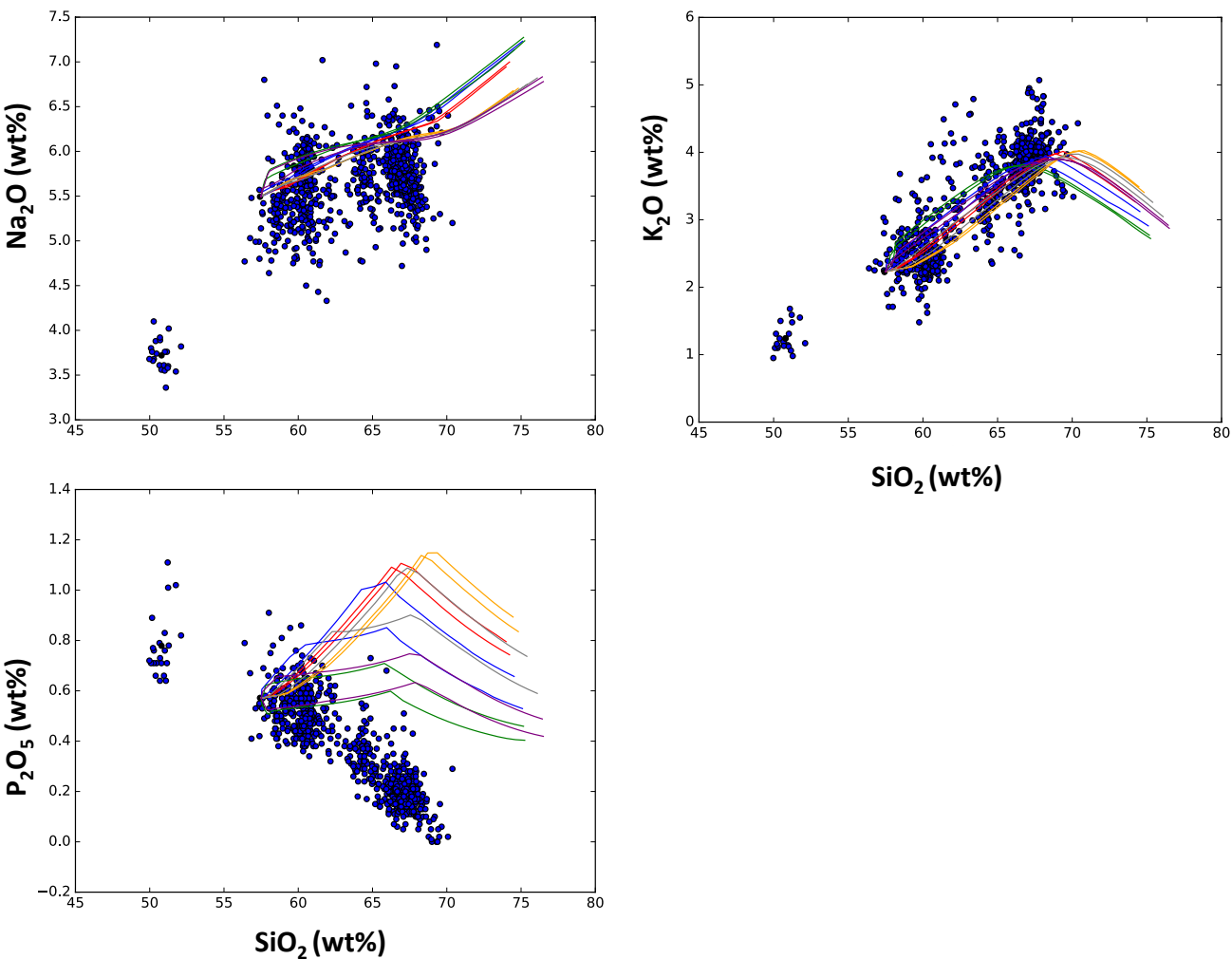
Starting Melt **GL BAS II** at 2.0 wt% H<sub>2</sub>O



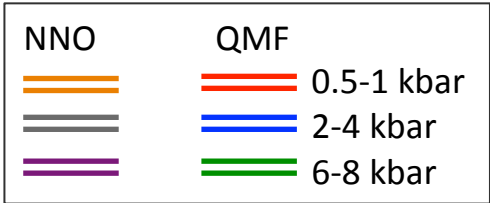
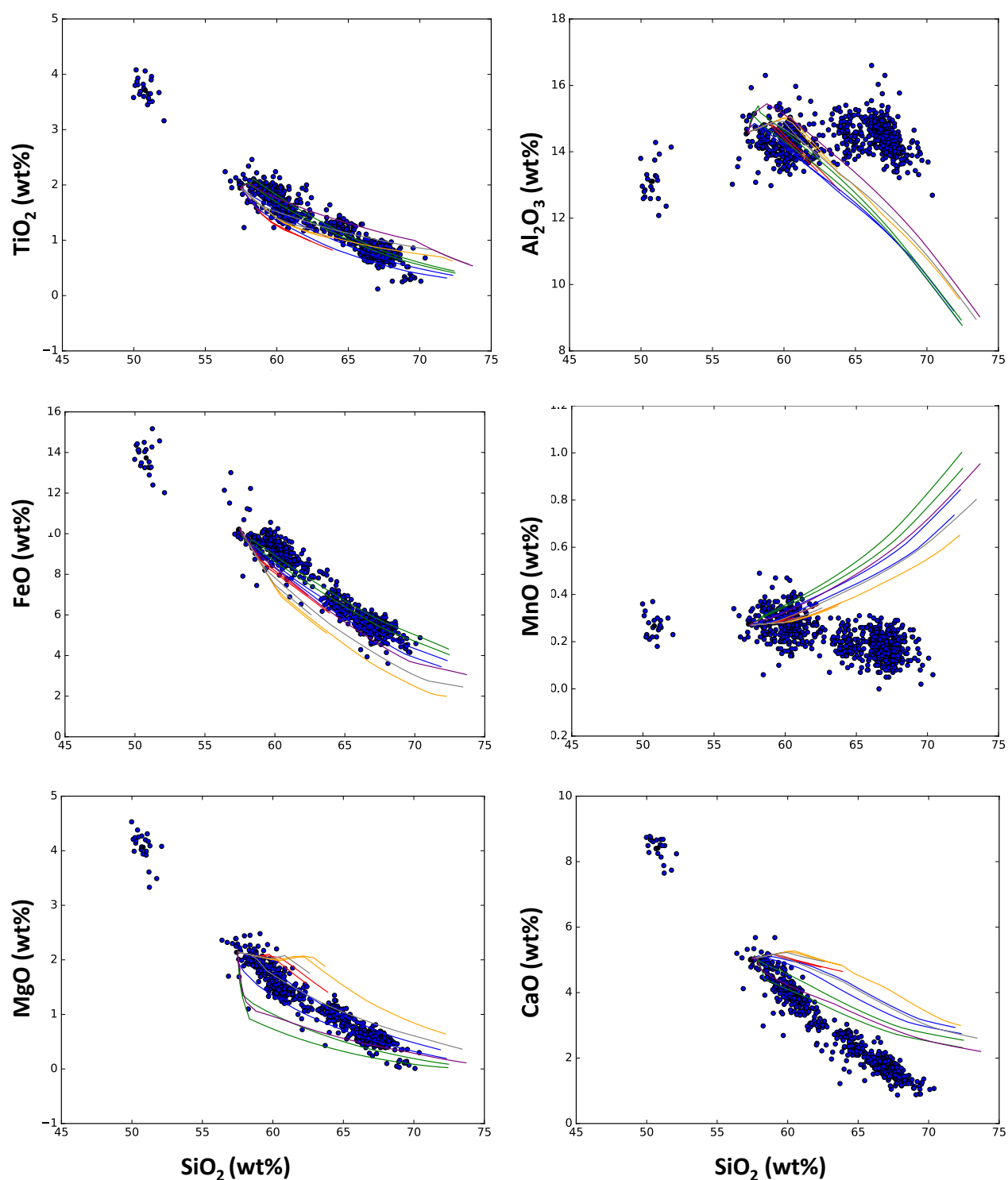
Starting Melt **GL TA at 0.5 wt% H<sub>2</sub>O**



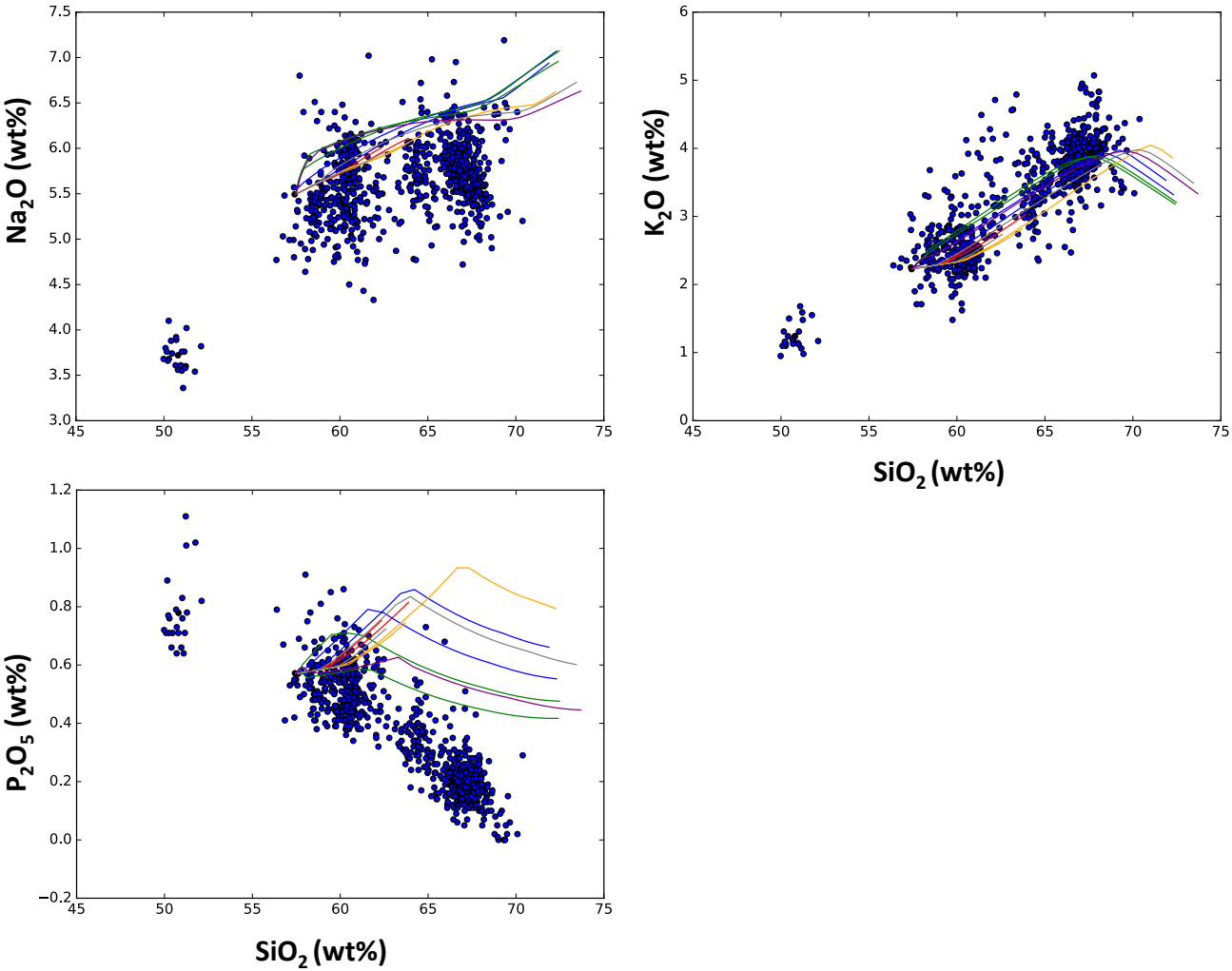
Starting Melt **GL TA at 0.5 wt% H<sub>2</sub>O**



Starting Melt **GL TA at 1.0 wt% H<sub>2</sub>O**

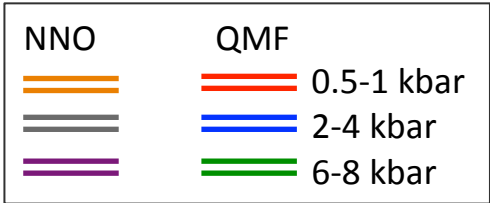
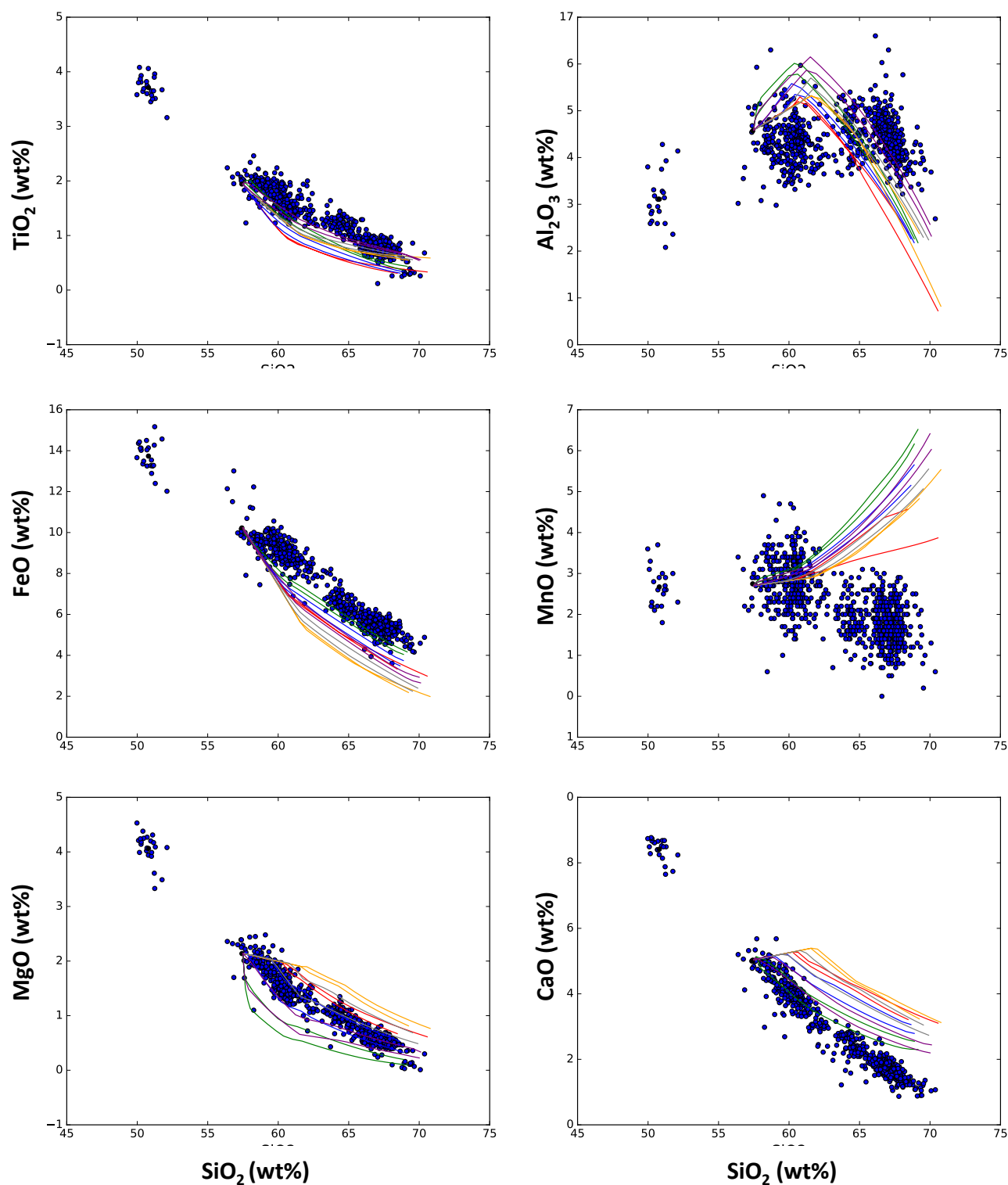


Starting Melt GL TA at 1.0 wt% H<sub>2</sub>O

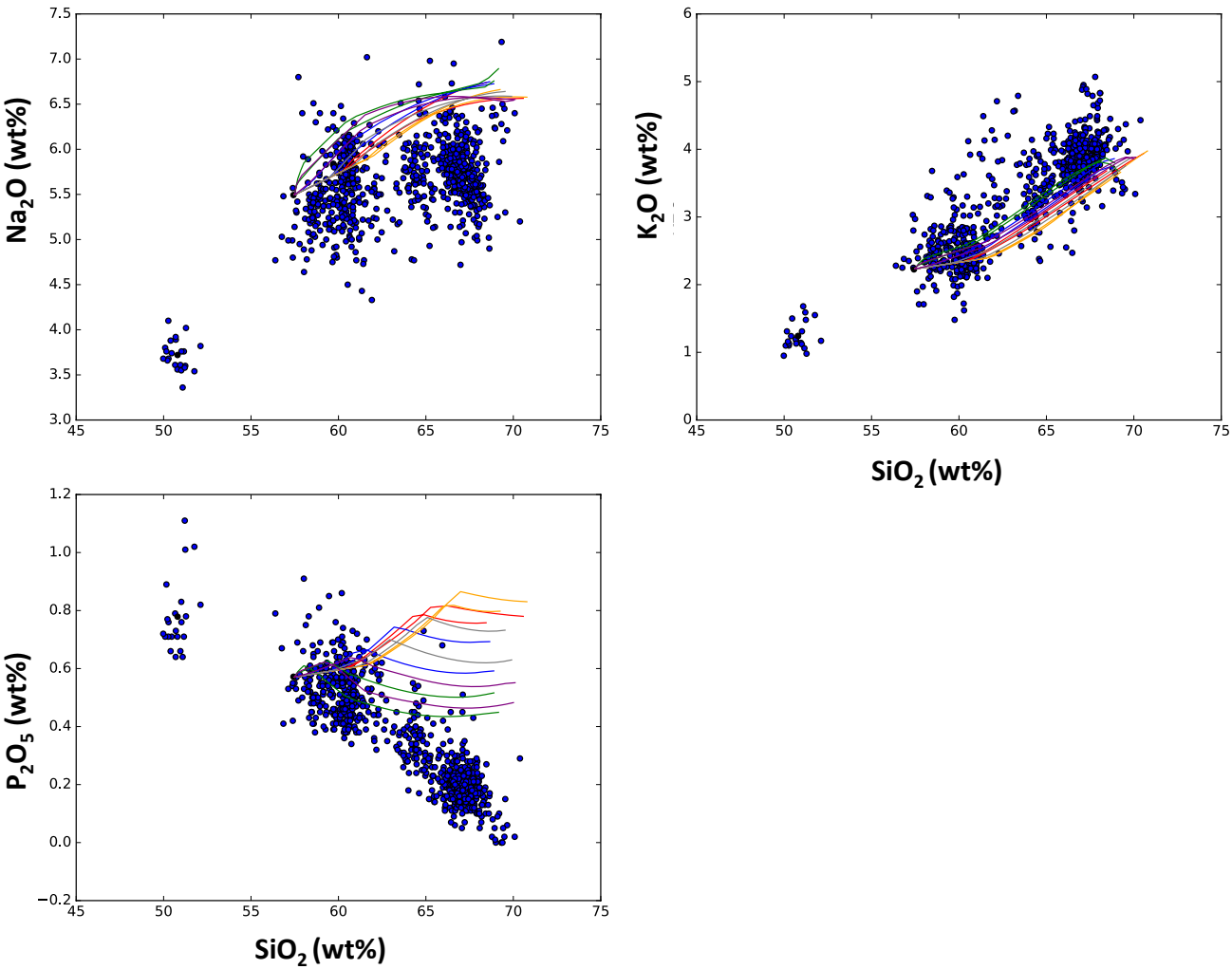




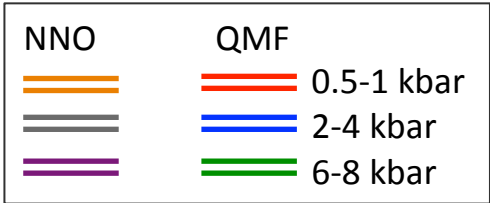
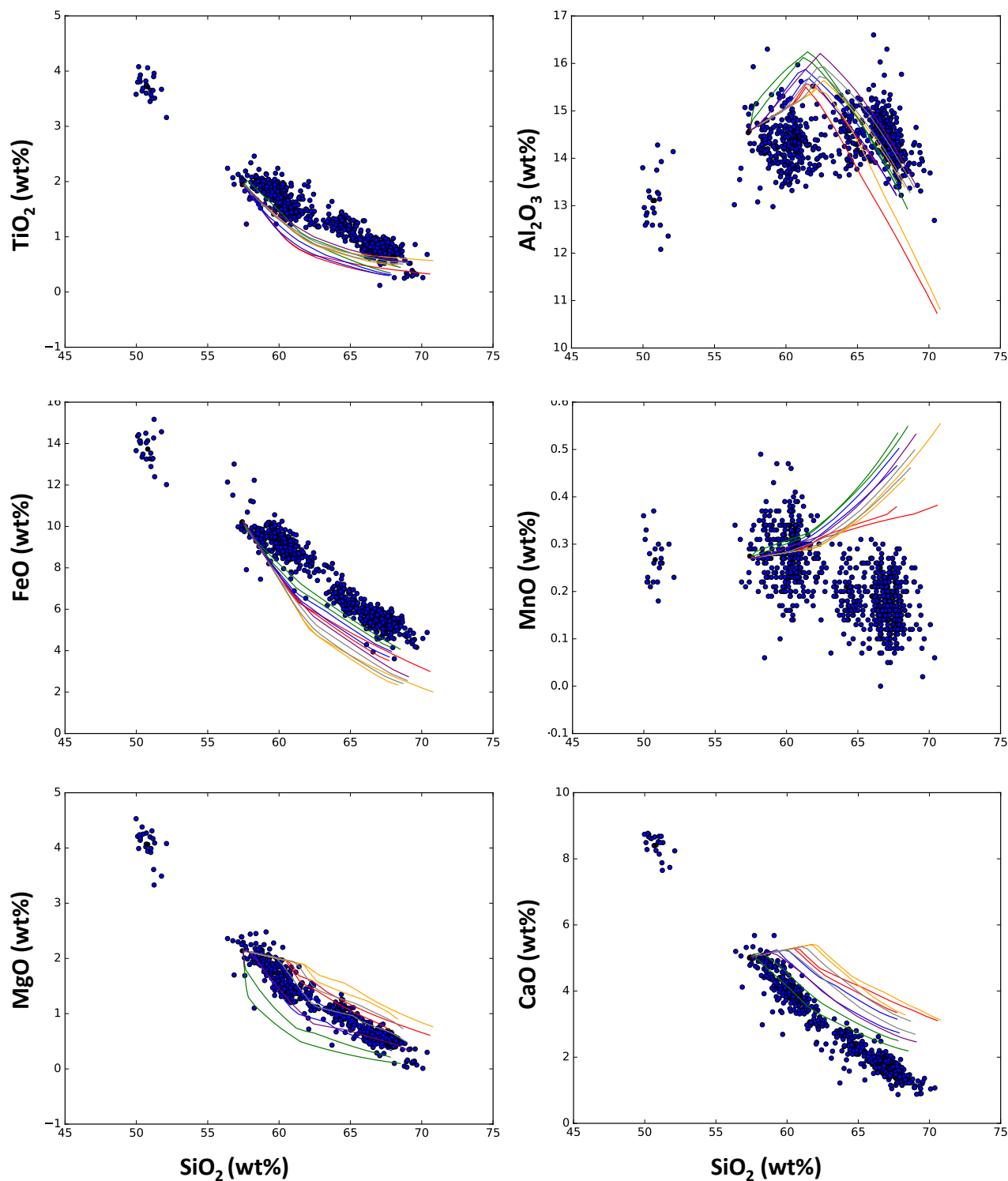
Starting Melt **GL TA at 2.0 wt% H<sub>2</sub>O**



Starting Melt **GL TA at 2.0 wt% H<sub>2</sub>O**



Starting Melt GL TA at 2.5 wt% H<sub>2</sub>O



Starting Melt **GL TA** at 2.5 wt% H<sub>2</sub>O

