Alkaline Intraplate 1.0 1.0 Glass-only Glass-only 55.0 55.0 Raman-calibrated Raman-calibrated Raman-uncalibrated Raman-uncalibrated 52.5 52.5 8.0 8.0 Cabo Verde Canary Islands 50.0 - 50.0 0.6 0.6 SiO₂ (wt%) - 45.0 SiO₂ - 45.0 X_{H_2O} X_{H_2O} 0.4 0.4 - 42.5 - 42.5 0.2 0.2 40.0 40.0 37.5 - 37.5 0.0 0.0 200 400 600 800 1000 200 400 600 800 Saturation pressure (MPa) Saturation pressure (MPa) 1.0 1.0 Glass-only Glass-only 55.0 55.0 Raman-calibrated Raman-calibrated Raman-uncalibrated Raman-uncalibrated 52.5 52.5 8.0 8.0 Sunset crater **Azores** 50.0 - 50.0 0.6 0.6 47.5 (%t%) ² OiS SiO₂ (wt%) - 45.0 - 45.0 X_{H_2O} 0.4 0.4 42.5 - 42.5 0.2 0.2 40.0 - 40.0 37.5 - 37.5 0.0 0.0

350

400

450

Saturation pressure (MPa)

550

500

200

100

300

Saturation pressure (MPa)

400

500