Subduction Zones (Part 2) 1.0 1.0 Glass-only Glass-only 55.0 - 55.0 Raman-calibrated Raman-calibrated Raman-uncalibrated Raman-uncalibrated Δ 52.5 - 52.5 8.0 8.0 IBM Tonga 50.0 - 50.0 0.6 0.6 SiO 2 (wt%) - 47.5 (% ±%) SiO : 45.0 E 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 50 100 150 Saturation pressure (MPa) Saturation pressure (MPa) 1.0 Glass-only 55.0 Raman-calibrated Raman-uncalibrated 52.5 8.0 Kermadec - 50.0 0.6 SiO₂ (wt%) X_{H_2O} 0.4 - 42.5 0.2 40.0 - 37.5 0.0 50 60 70 40

Saturation pressure (MPa)