Subduction Zones (Part 2) 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 0.8 Tonga **IBM** 50.0 50.0 0.6 SiO₂ (wt%) - 47.5 (% SiO . 45.0 -0.6 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 0.0 200 400 800 600 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 X_{H_2O} 45.0 <u>0</u> 0.4 42.5 0.2 40.0

- 37.5

0.0

40

50

60

Saturation pressure (MPa)

70