Tholeiitic Intraplate 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 Reunion Iceland 50.0 - 50.0 0.6 0.6 SiO₂ (wt%) - 45.0 SiO₂ - 45.0 $\mathsf{X}_{\mathsf{H}_2\mathsf{O}}$ 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 50 100 150 200 250 0 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 0.8 -8.0 Galápagos Hawaii - 50.0 50.0 0.6 0.6 SiO₂ (wt%) 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 1000 1000 200 400 600 800 200 400 800 600 Saturation pressure (MPa) Saturation pressure (MPa)