Mid-ocean ridges (part 1) 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 **JdFR** GSC 50.0 50.0 - 47.5 (%±%) SiO 54 - 45.0 0.6 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 -800 200 400 600 1000 1200 50 100 150 200 250 0 Saturation pressure (MPa) Saturation pressure (MPa) 1.0 -Glass-only 55.0 Raman-calibrated Raman-uncalibrated - 52.5 8.0 **EPR** - 50.0 0.6 47.5 % X_{H_2O} - 45.0 <u>S</u> 0.4 42.5 0.2 40.0 - 37.5 0.0

200

50

0

100

Saturation pressure (MPa)

150

250