



Figure 2. Cross sections through the 3D compressional velocity model of Axial volcano. A) Topographic map showing tracks (black lines), OBS's (blue circles) and positions of vertical cross sections (grey lines). B) Horizontal cross section at a depth of 2.4 km below the sea floor, with low velocity regions contoured. The central low velocity region, labeled M1, is the Axial magma chamber. C) Vertical cross sections, along the lines indicated in A.