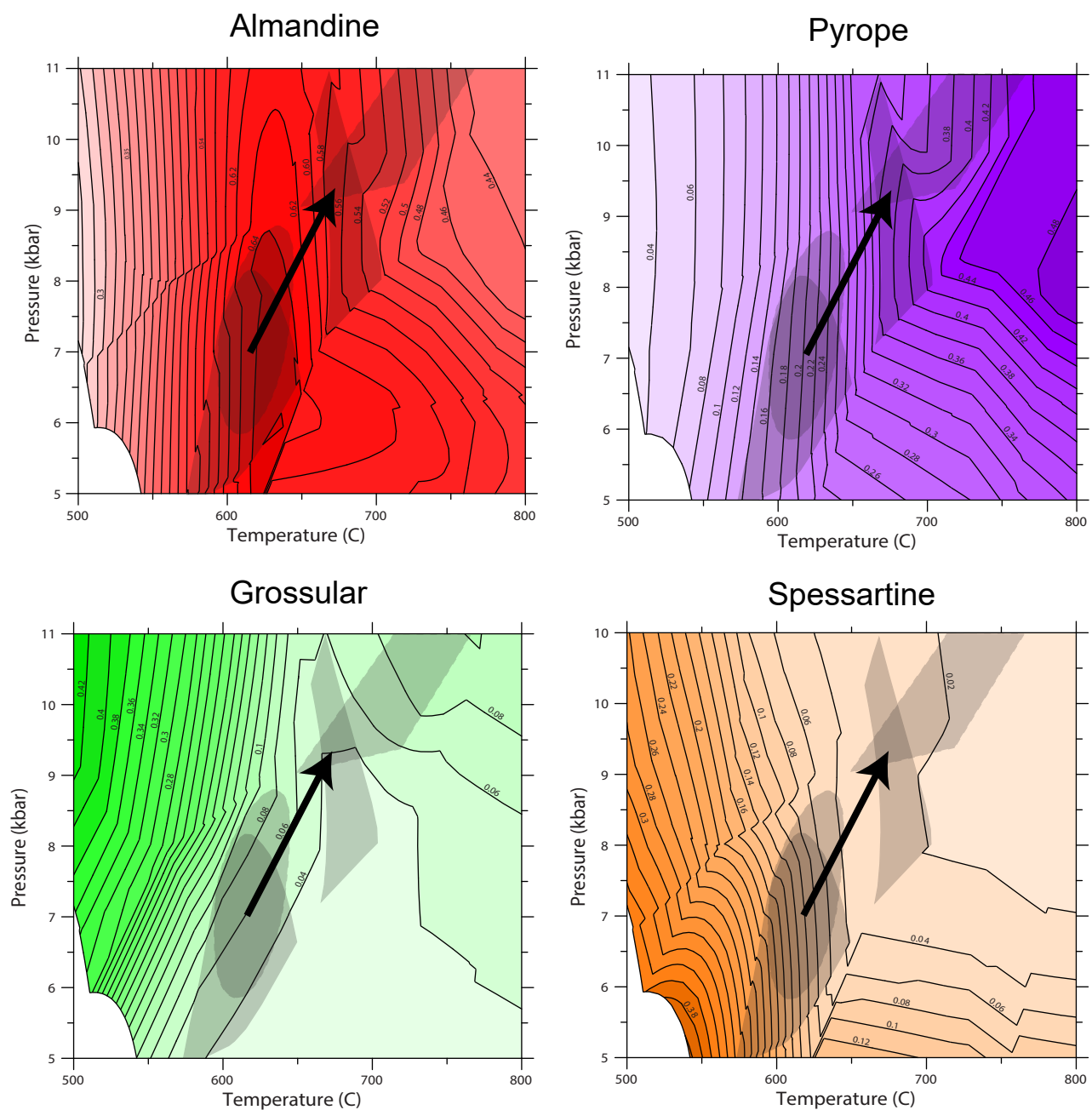


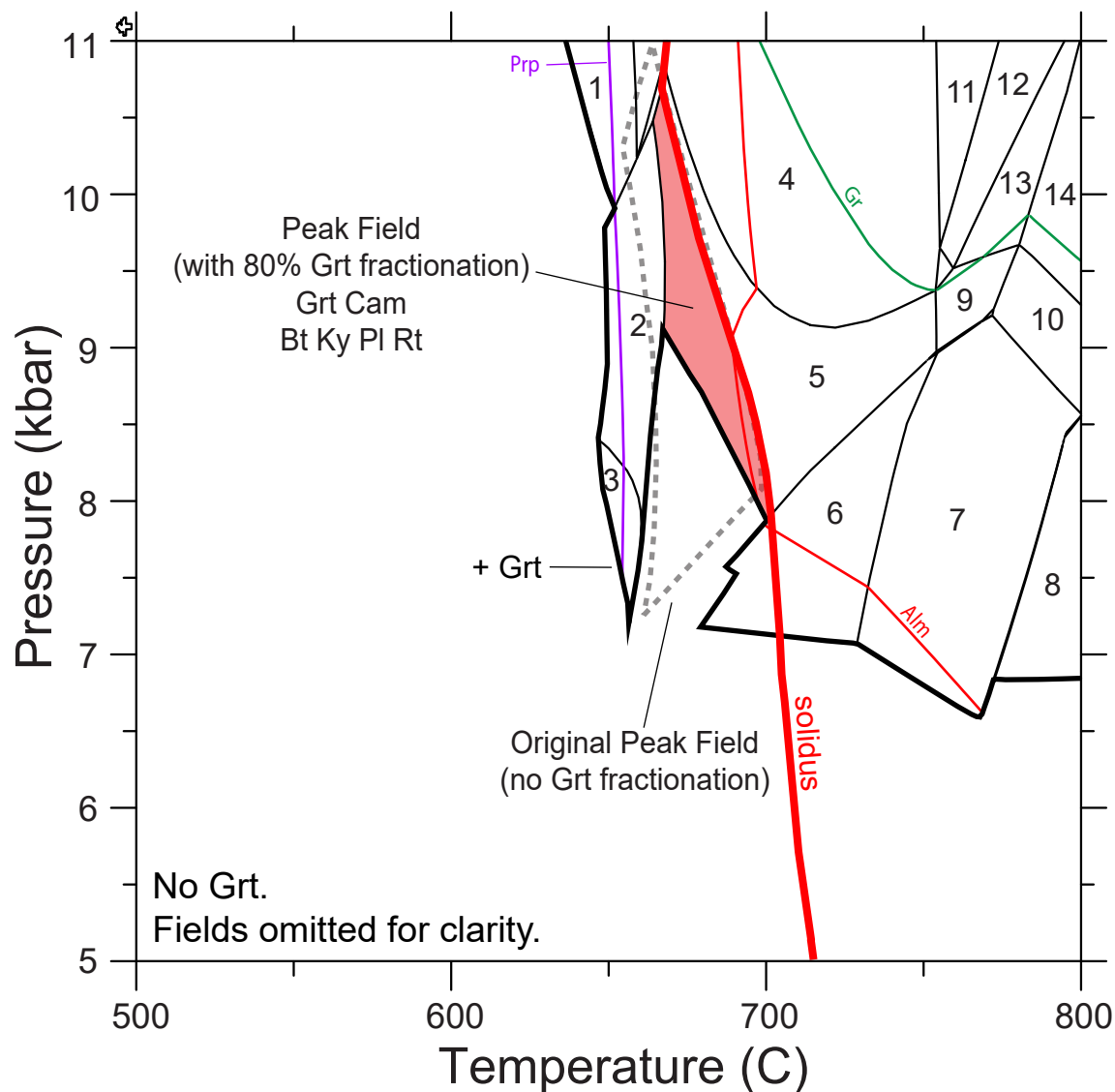
ID48 Garnet Compositional Isopleths



Garnet compositional isopleths for ID48 (almandine, pyrope, grossular, and spessartine). Shaded regions are assemblage fields, isopleth intersections, and thermobarometry P-T conditions. Arrow shows the path along which garnet grew (see text for discussion). Isopleths reflect the observed zoning profile for garnet in this sample (see line scan).

Figure DR1.

ID48 Garnet Fractionation (80%) P-T Model



- | | |
|---|----------------------------------|
| 1. Grt Ky Cam Bt Chl Wm Rt Qtz | 8. Grt Crd Cam Opx Bt Rt Pl Melt |
| 2. Grt Ky Cam Bt Chl Rt Pl Qtz | 9. Grt Ky Cam Bt Rt Pl Melt |
| 3. Grt Ky Bt Chl Rt Pl Qtz | 10. Grt Cam Bt Rt Pl Melt |
| 4. Grt Ky Cam Bt Rt Qtz Melt H ₂ O | 11. Grt Ky Cam Bt Rt Qtz Melt |
| 5. Grt Ky Cam Bt Rt Pl Qtz Melt | 12. Grt Ky Cam Bt Rt Melt |
| 6. Grt Crd Cam Bt Rt Pl Qtz Melt | 13. Grt Ky Cam Bt Rt Pl Melt |
| 7. Grt Crd Cam Bt Rt Pl Melt | 14. Grt Cam Bt Rt Pl Melt |

Garnet Rim Composition

Alm 0.57 Gr 0.07
Prp 0.31 Sps 0.05

Figure DR2.