Fig. A1 a) Ductile behaviour in a plagioclase porphyroclast showing curved twin planes and deformation lamellae (mylonitized granite 1480, cross-polarized light). b) Quartz aggregate showing subgrains and new quartz grains, probably developed by subgrain rotation (mylonitized granite 1479, cross-polarized light). c) Quartz aggregate crystals showing new grains, probably formed by bulging. Note that biotite is fresh in this sample (mylonitized granite 1480, cross-polarized light). d) Biotite pseudomorph consisting of chlorite and alkali feldspar (mylonitized granite 1479, plane-polarized light).