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Rock fabrics and AMS fabrics of the Yakushima granite

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We examined AMS intensities and orientations of the paramagnetic Yakusima granite, in which biotite is the main contributor of the We examined the intensities and orientations of AMS fabrics of the paramagnetic Yakusima granite, and compared them with flow fabrics defined by paralellism or co-zonal distribution of orthoclase megacrysts. The results showed that they are reasonably in a good agreement.

Comparison with micro-textures indicates that the intensities of both fabric alignment relate the intensity of hightemperature solid-state flow. Biotite seems to align through slip along {001} face, whereas megacrysts rotate without crystal deformation during the flow.

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