

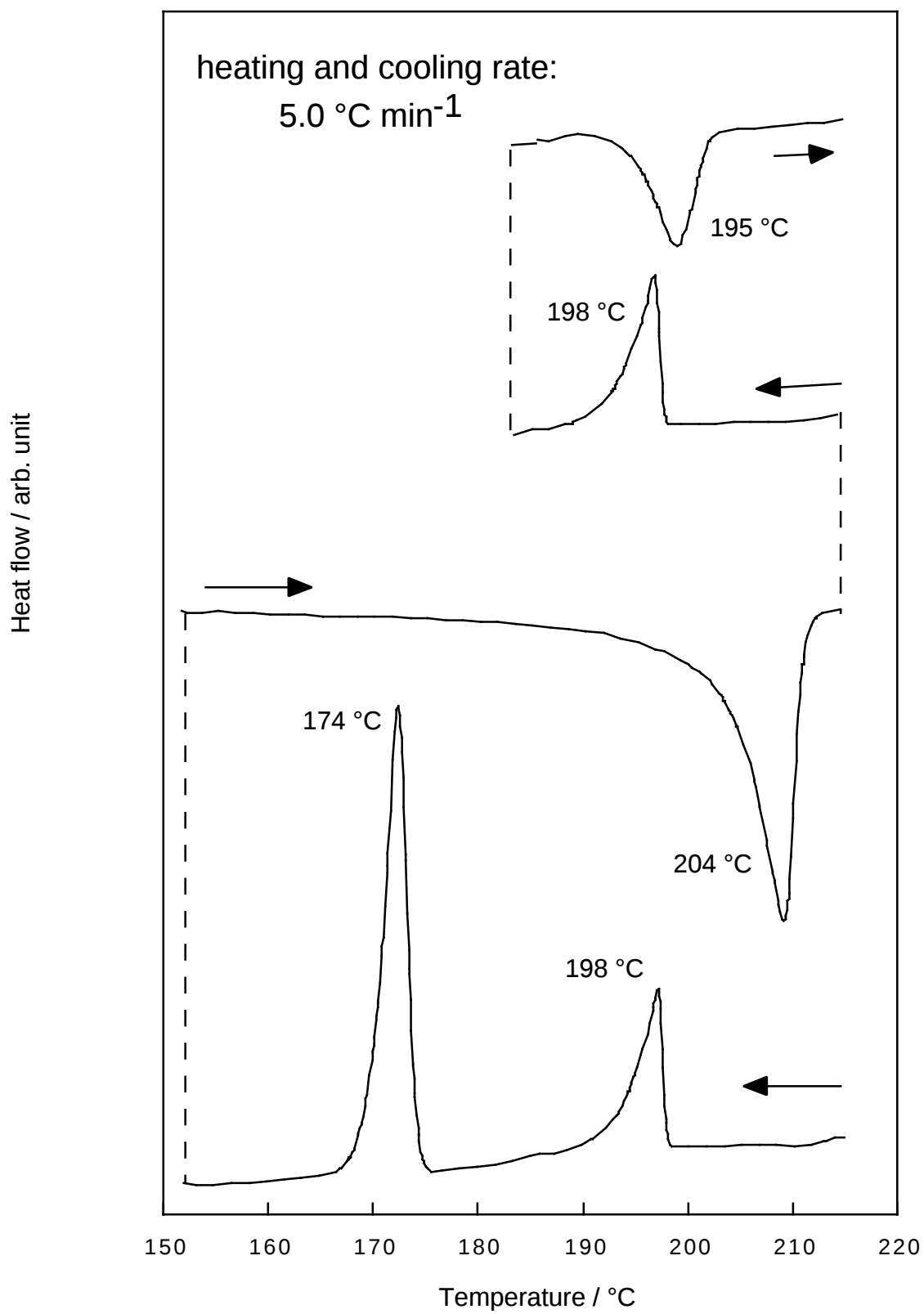


Figure 1 DSC traces of 1 (heating and cooling rate : $5\text{ }^{\circ}\text{C/min}$).

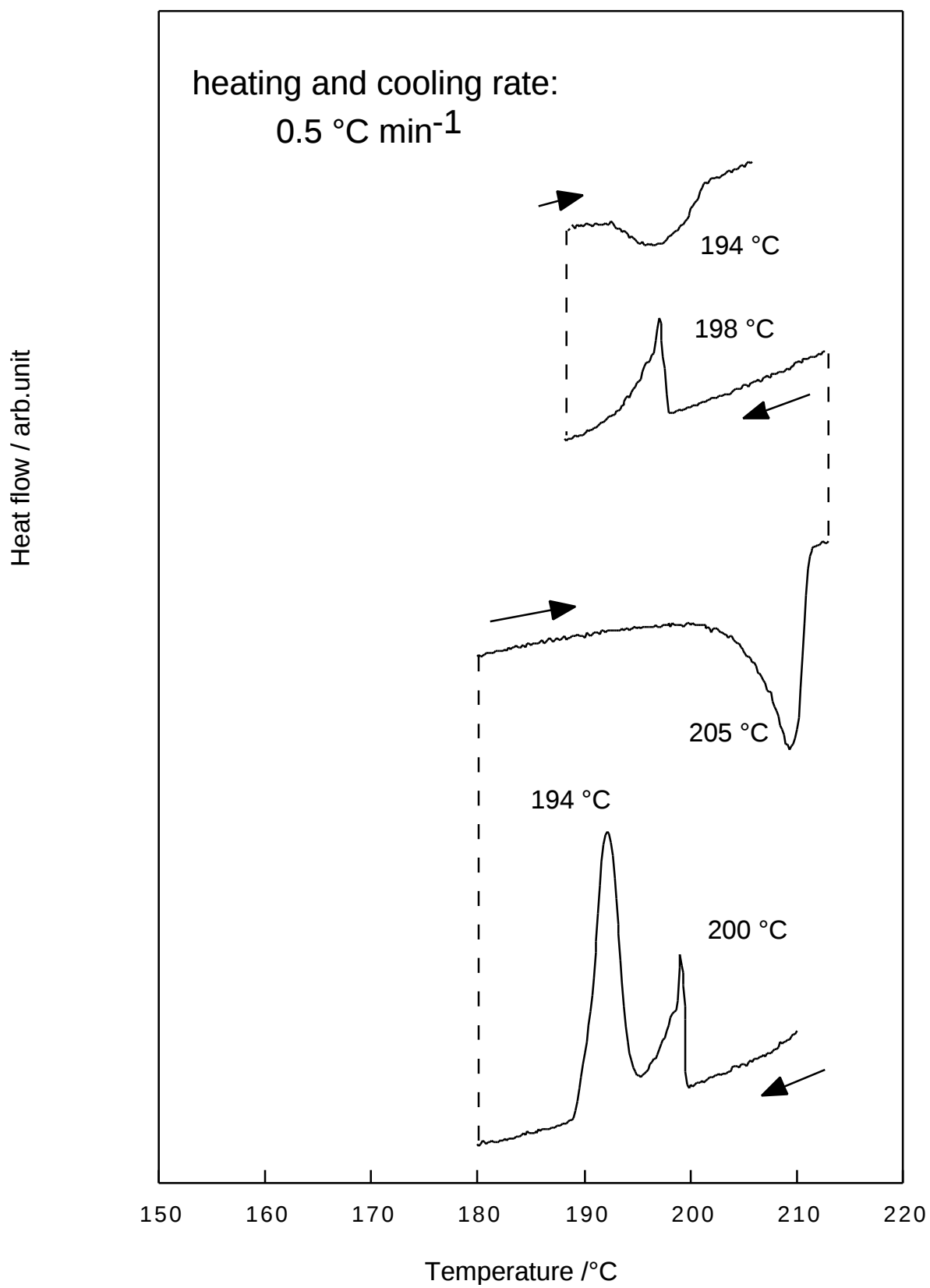


Figure DSC traces of 1 (heating and cooling rate : $0.5\text{ }^{\circ}\text{C/min}$).

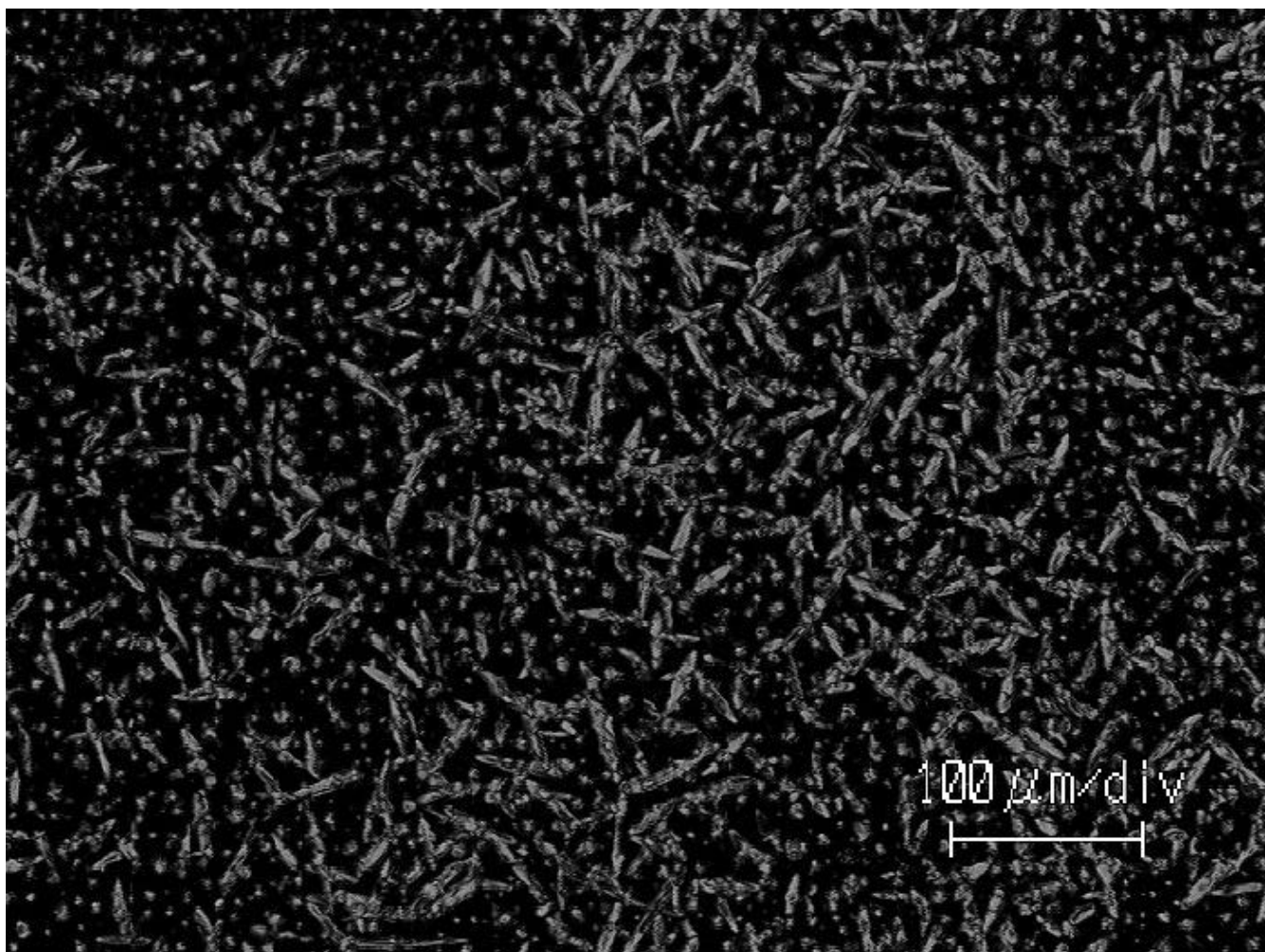


Photo 1 A texture formed on cooling at $5\text{ }^{\circ}\text{C min}^{-1}$ ($199.1\text{ }^{\circ}\text{C}$).

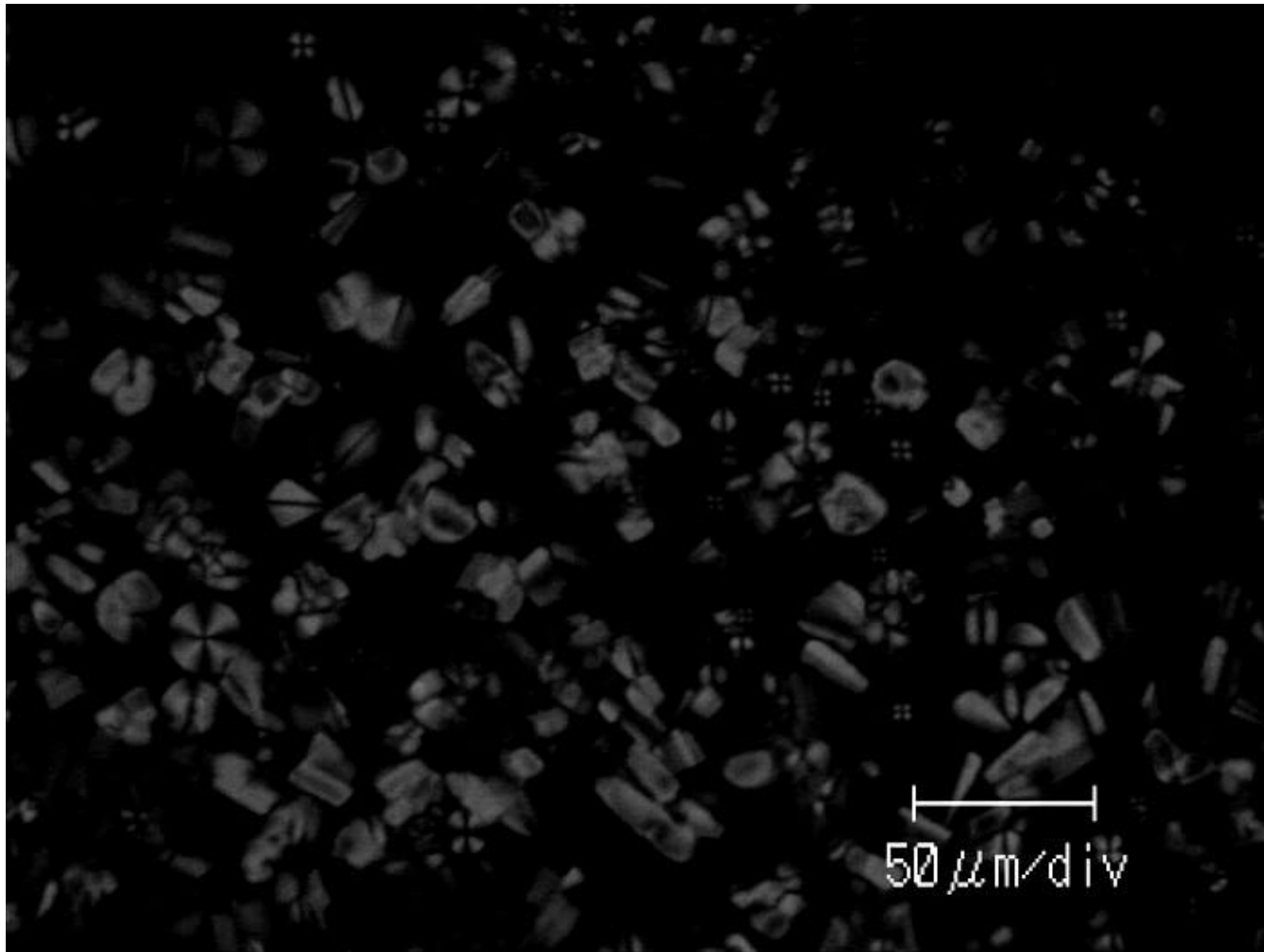


Photo 2 A texture formed on cooling at $1\text{ }^{\circ}\text{C min}^{-1}$ ($199.5\text{ }^{\circ}\text{C}$).

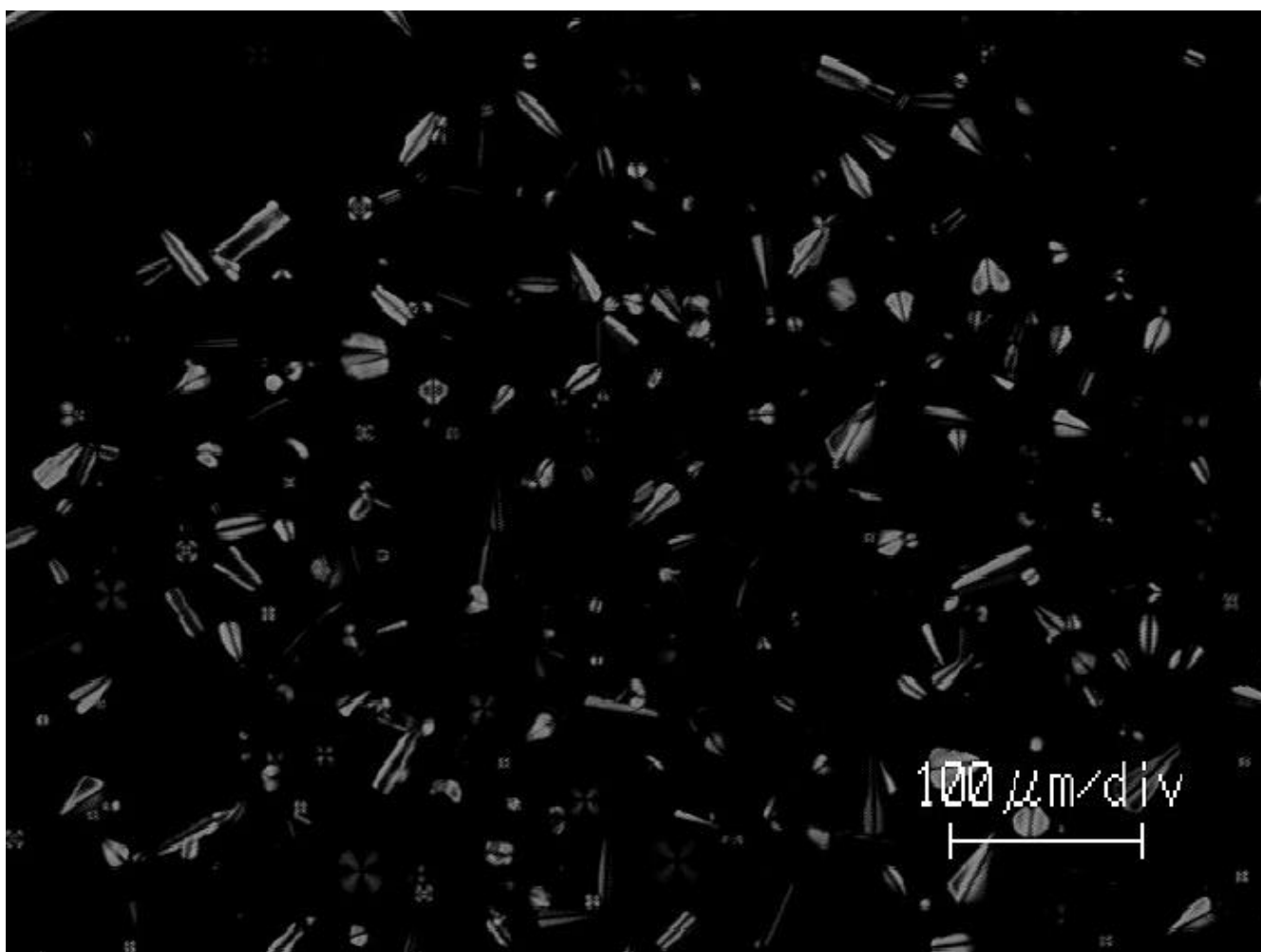


Photo 3 A texture formed after standing the texture of Photo 1 at 199.1 °C.

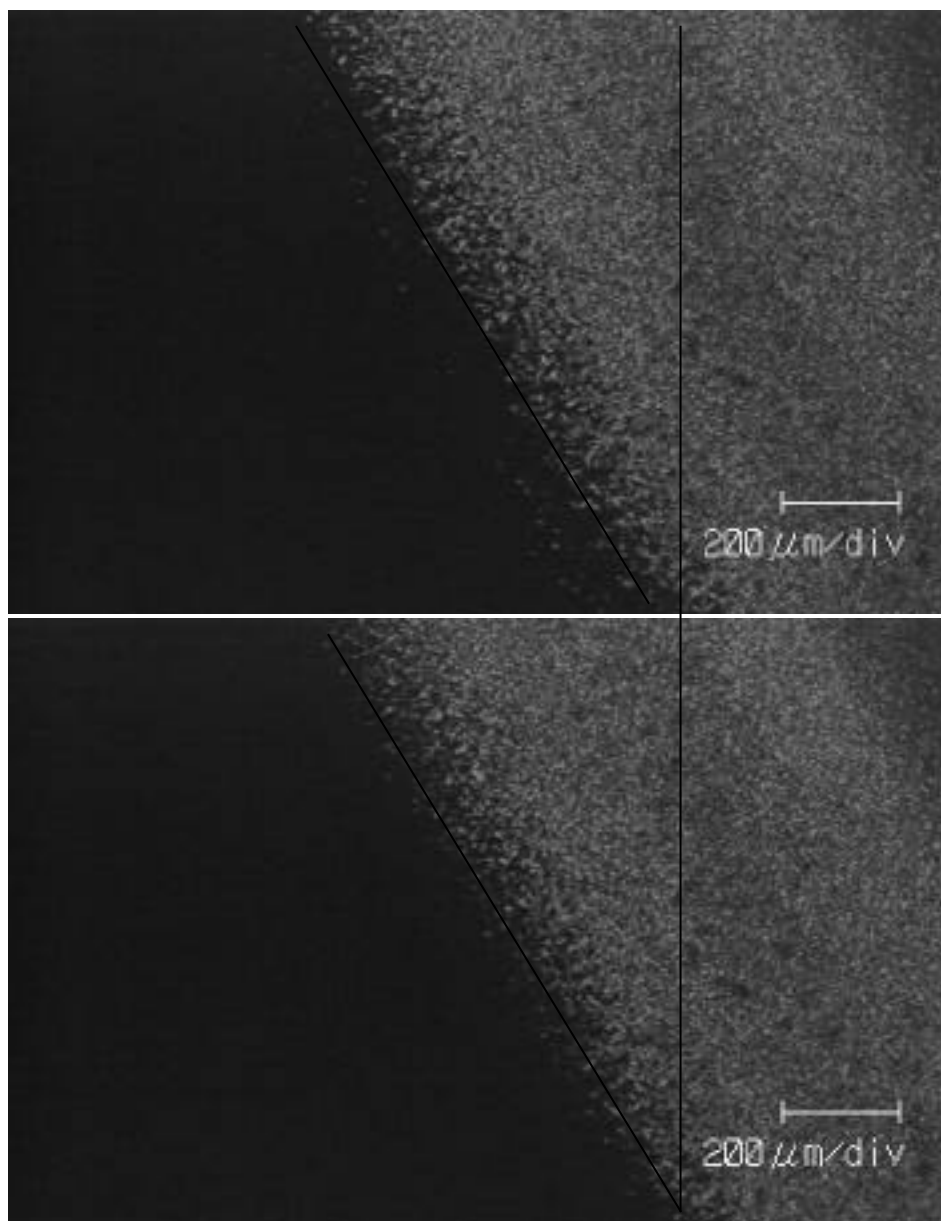


Photo 4 Textures at the contact region of a smectic phase of **1** and SmA phase of Methyl 4-decyloxyazobenzene-4'-carboxylate (118 ° C on cooling). Above: a texture formed at 118 ° C on cooling, Below: a texture changed by standing for about 20 sec at 118 ° C. the left homeotropic region of the carboxylate intruded to the region of Sm phase formed in the **1**-rich region (right). This indicates these two smectic phases are miscible to each.