

# Magnet Power Supplies

## Measurement Data

m(H) using low-field option

A thin ferromagnetic film with a narrow hysteresis loop was measured with the magnet in low-field regime. The time constant was 10 seconds and the Cryogenic VSM preamplifier was used.

The loop is shifted horizontally due to the effect of the remanent field in the magnet. In this case the remanent field was +1.5 mT. The noise level as determined by standard deviation of the data between 20 and 30 mT is  $9.7 \cdot 10^{-7}$  emu.

