

# Vector Magnet Studies of Anisotropic Superconductors

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We are studying anisotropy in the resistive upper critical field ( $H_{c2}$ ) in two superconductors. YPtBi is a topological superconductor candidate with a nodal gap structure.  $\text{MoTe}_2$  is a type-II Weyl semimetal candidate in which superconductivity is induced by applying pressure. We observed  $H_{c2}$  anisotropy in both compounds. In  $\text{MoTe}_2$  the anisotropy is consistent with 2D superconductivity. In YPtBi the anisotropy seems to be linked to the sample geometry.