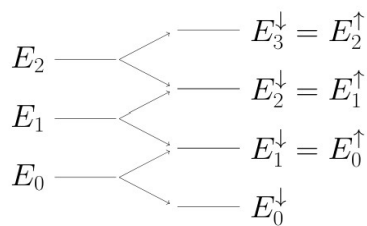


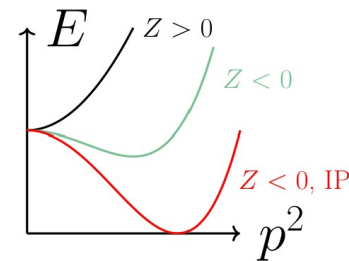
The moat regime under magnetic fields

Justin L.P. Mauldin, Kristina Totic, Johannes Pöplau and Dirk H. Rischke

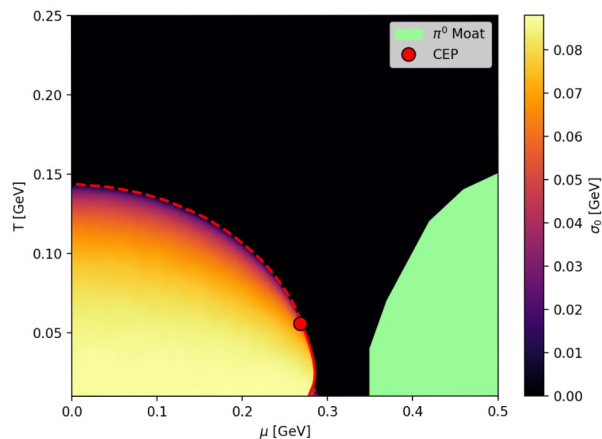
Particles are restricted to Landau levels
 → dim. Reduction and (inverse-) magnetic catalysis



In the moat regime a particles ground state is at finite momentum



$B = 0$



$B > 0$

