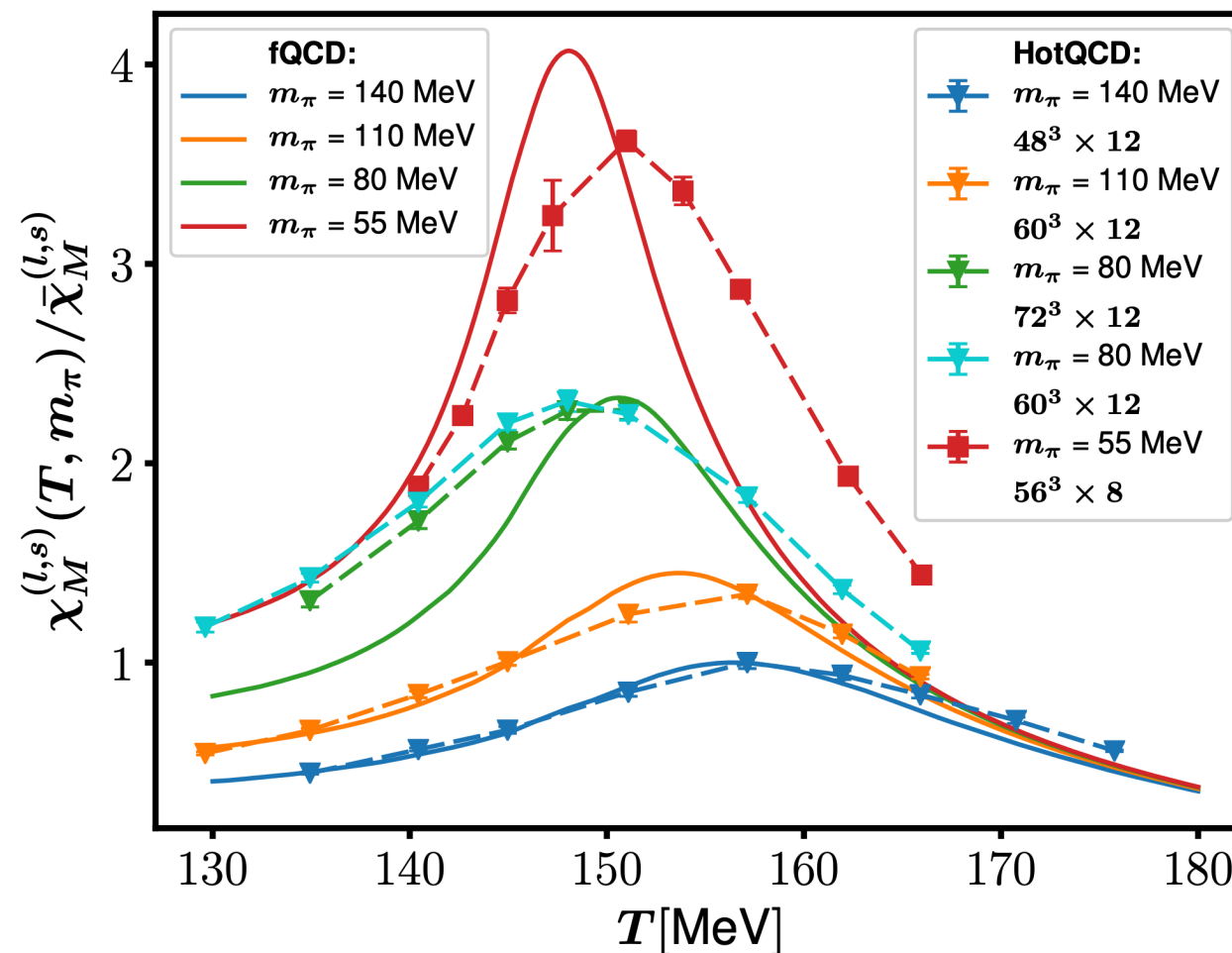


Scaling analysis from RG flows for QCD

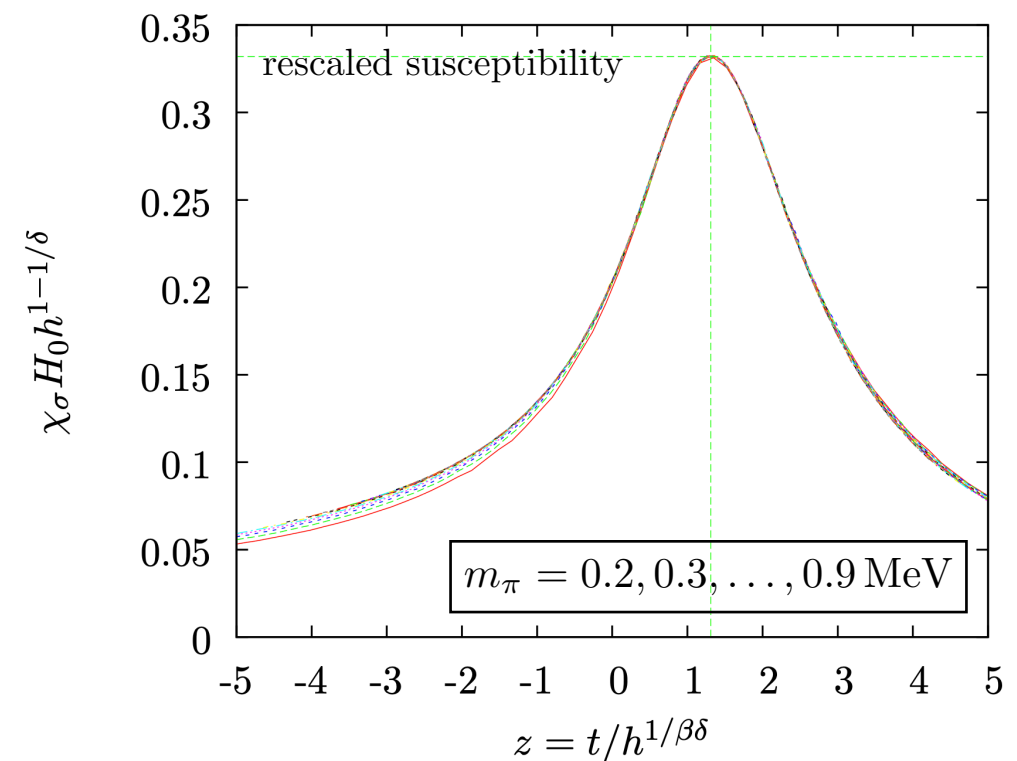
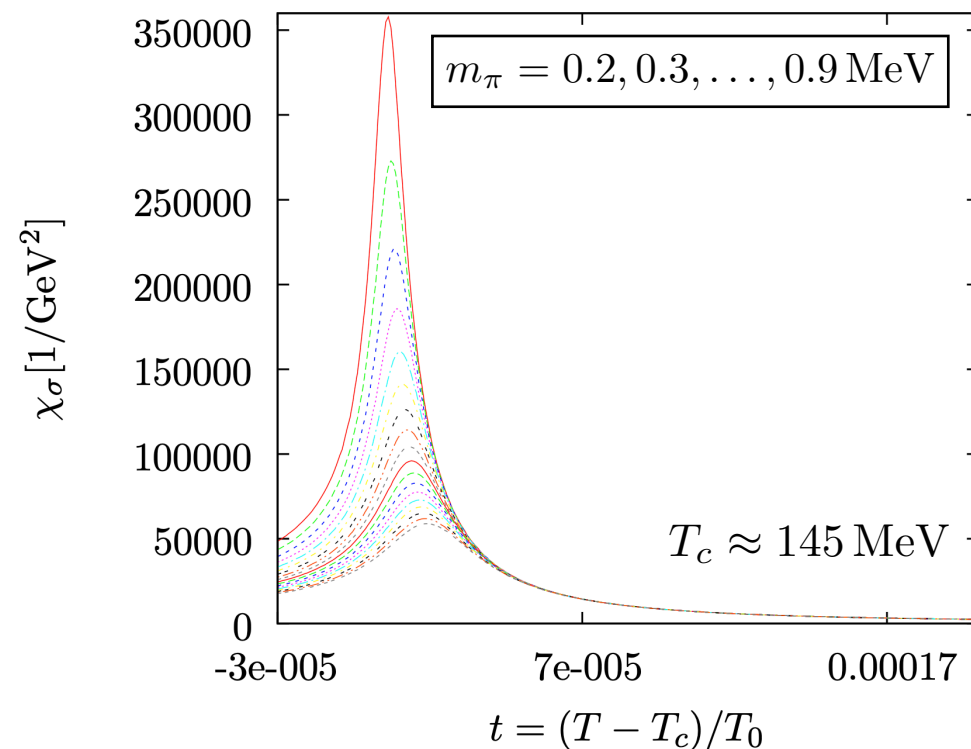
[Braun, Fu, Pawłowski, Rennecke, Rosenblüh, Yin, Phys. Rev. D (2020)]



- Very good agreement with lattice QCD results from the hotQCD collaboration around physical pion masses and above
- Susceptibilities do not show indications for scaling for $m_\pi \gtrsim 30$ MeV

Size of the scaling region: quark-meson model

[Braun, Klein, Piasecki '11]



- Size of the true scaling region:

$$m_\pi \lesssim 1 \text{ MeV}$$

- “**Seeming**” scaling region:

$$75 \text{ MeV} \lesssim m_\pi \lesssim 200 \text{ MeV}$$

