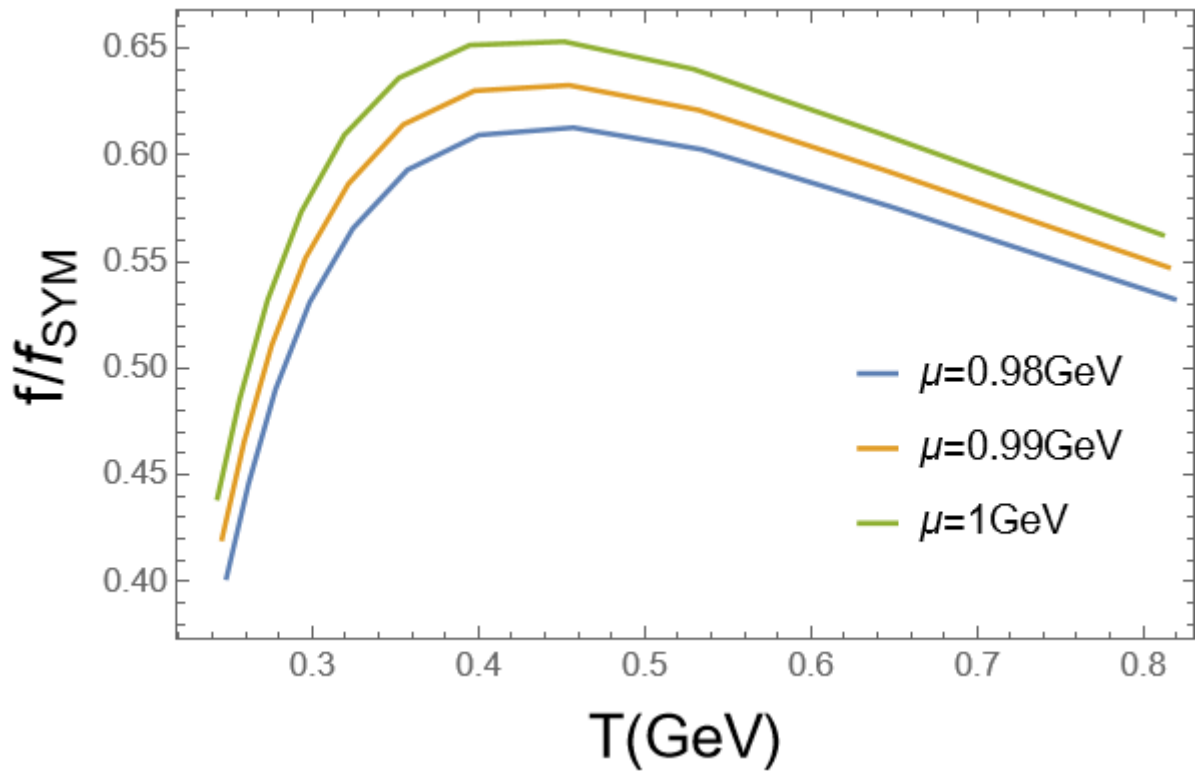Energy loss in Holographic Model with Two Types of Anisotropy (2305.06345)
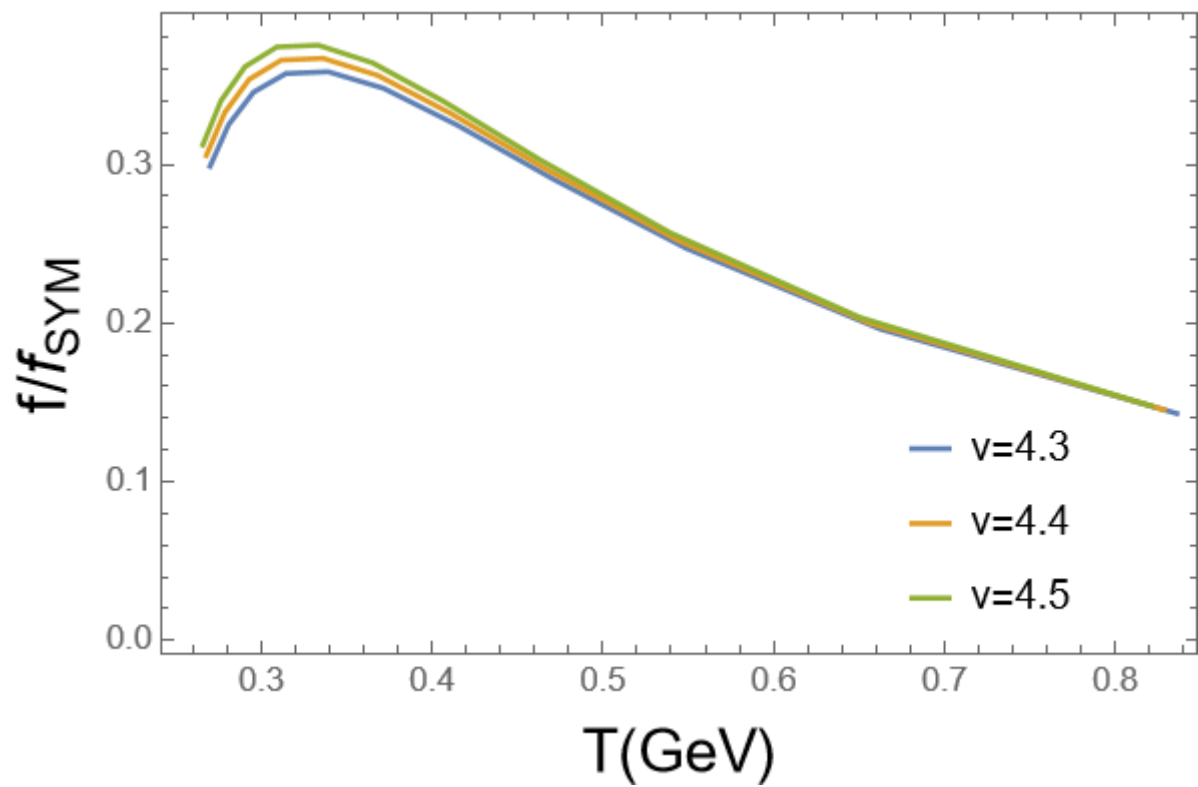
We will consider the Einstein-dilaton-Maxwell holographic model with three Maxwell fields investigated in 2305.06345.

$$\mathcal{L} = \sqrt{-g}\left[R - \frac{f_0(\phi)}{4}F_0^2 - \frac{f_1(\phi)}{4}F_1^2 - \frac{f_3(\phi)}{4}F_3^2 - \frac{1}{2}\partial_\mu\phi\,\partial^\mu\phi - V(\phi) \right]$$

Drag force versus temperature for different chemical potential

Drag force versus temperature for different anisotropy

Drag force versus temperature for different magnetic coefficient