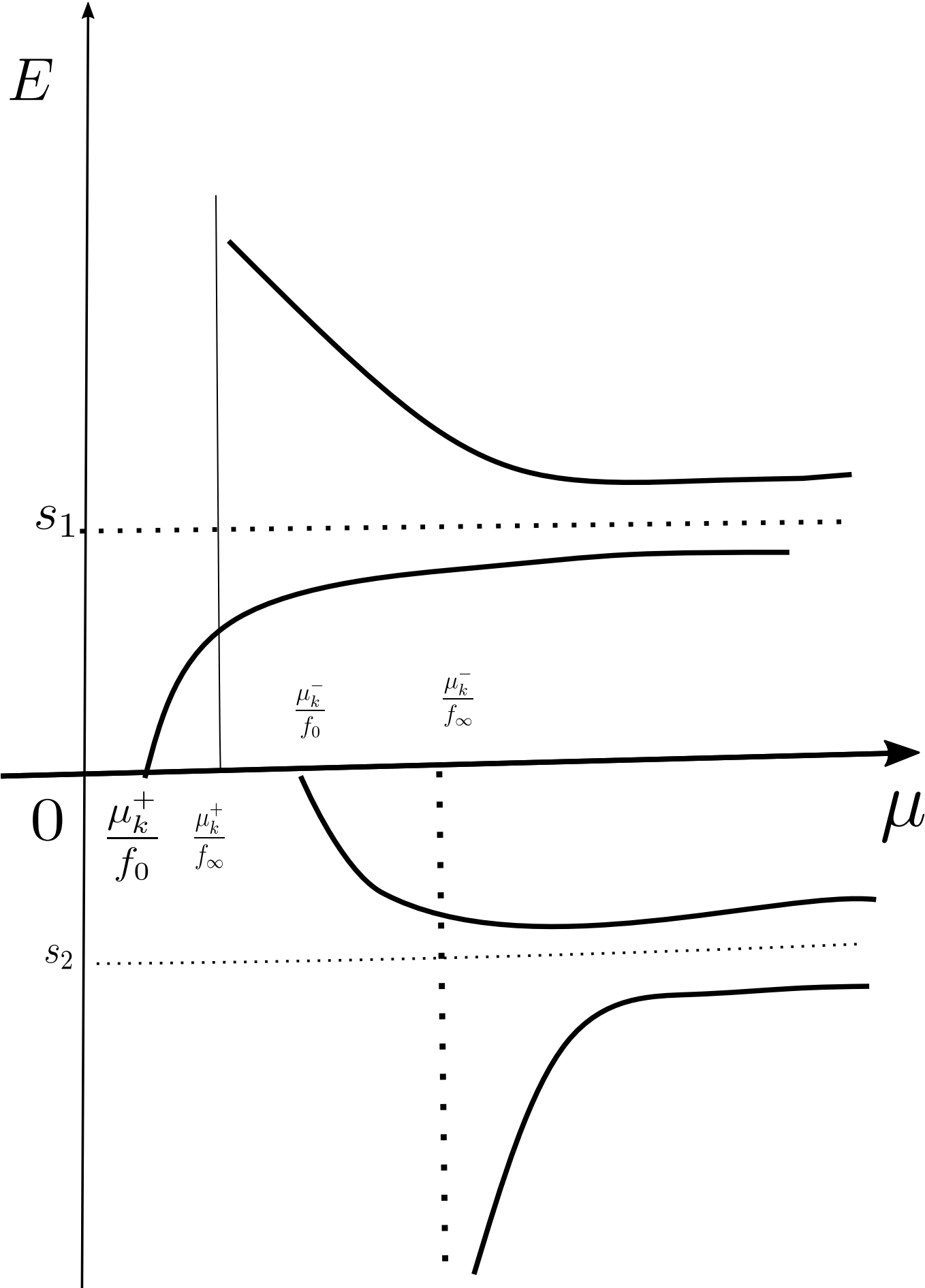




$$f_0, f_\infty \in (0, +\infty), f_0 > f_\infty$$