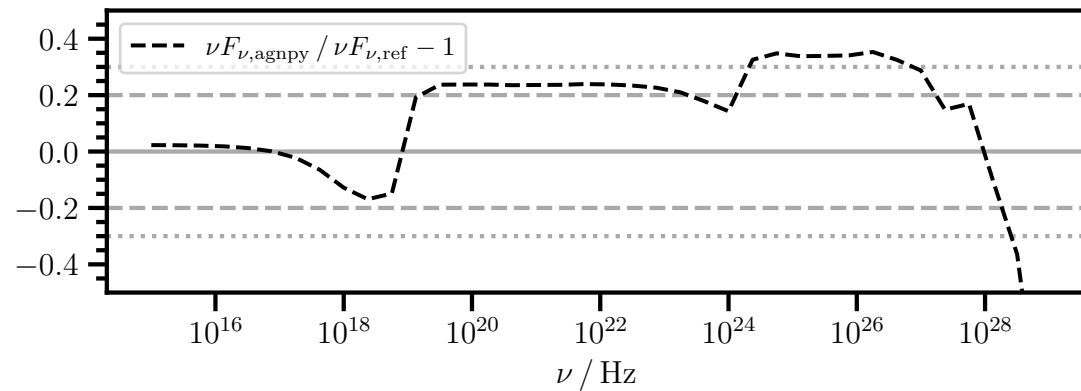
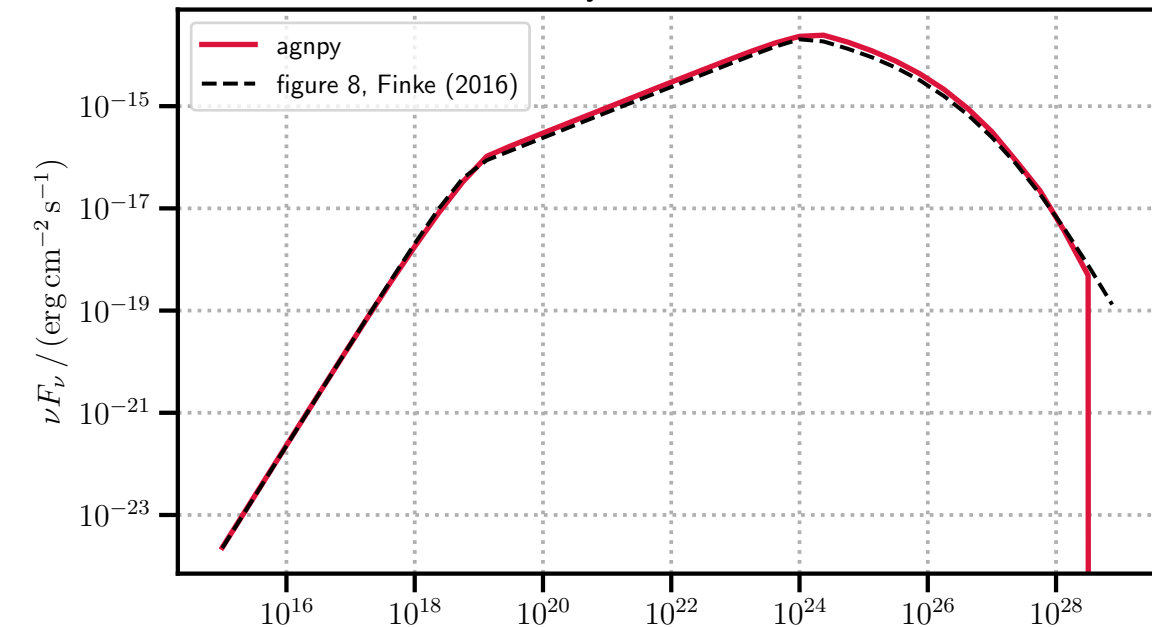


EC on Shakura Sunyaev disk,  $r = 10^{17} \text{ cm} < R_{\text{out}}$



EC on Shakura Sunyaev disk,  $r = 10^{21} \text{ cm} \gg R_{\text{out}}$

