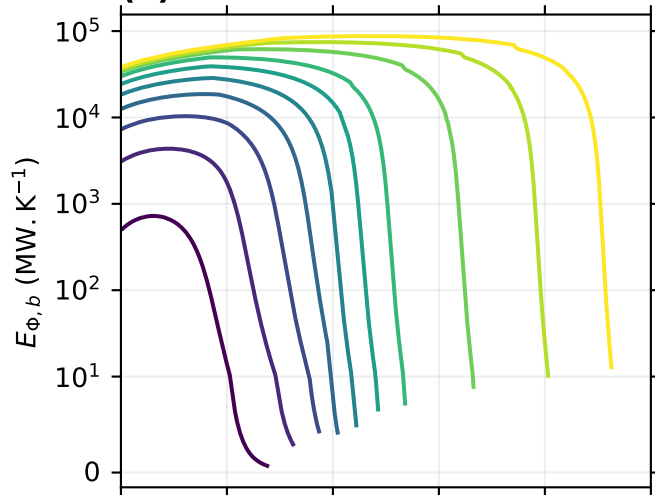
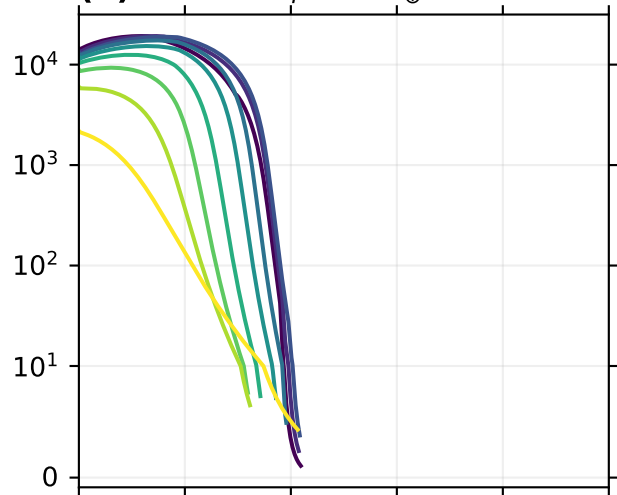
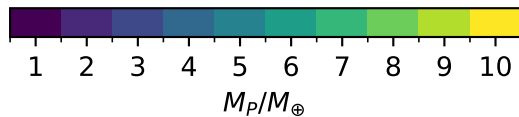
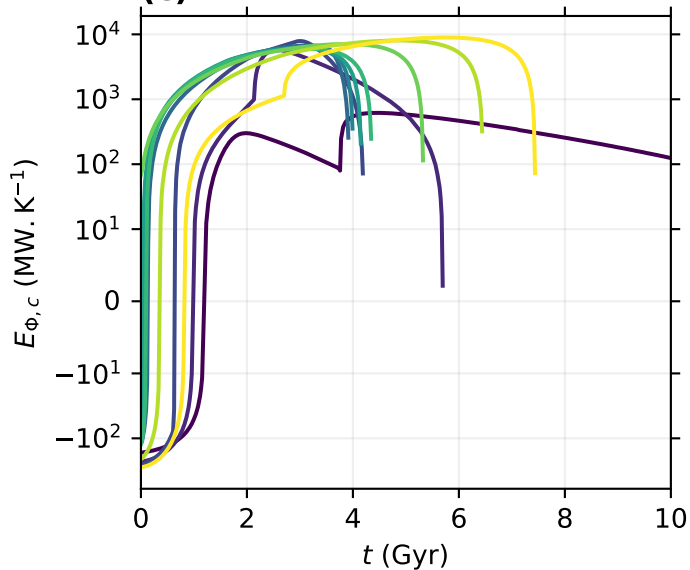


**(a)** CMF = 0.32**(b)**  $M_P = 4 M_\oplus$ **(c)****(d)**