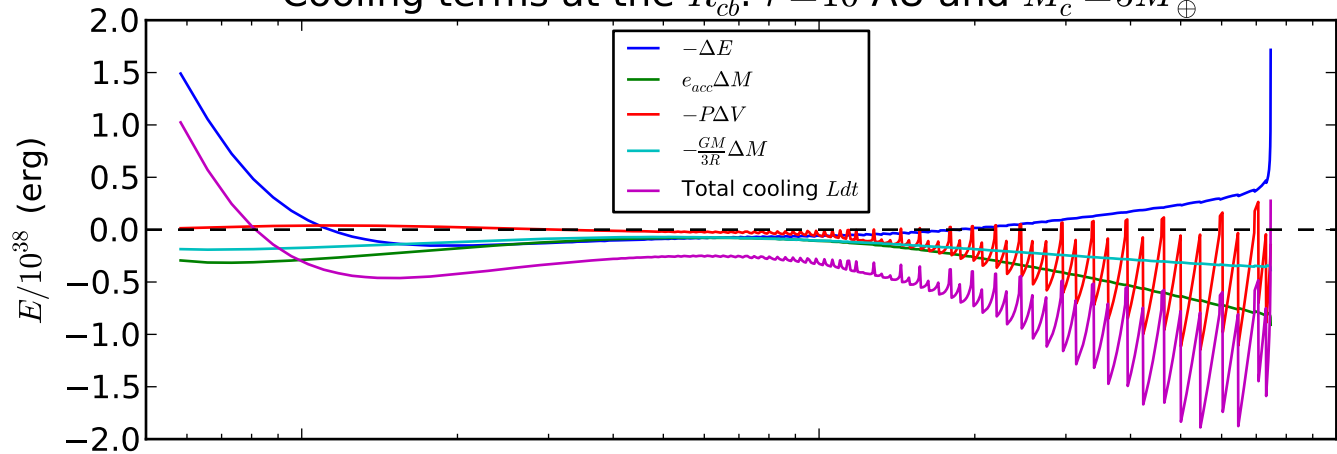


Cooling terms at the R_{cb} : $r=10$ AU and $M_c=5M_\oplus$



Cooling terms at the R_H : $r=10$ AU and $M_c=5M_\oplus$

