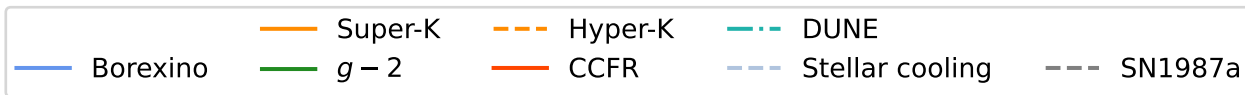$R_s = 8.5$ kpc and $m_\chi \sim m_V$