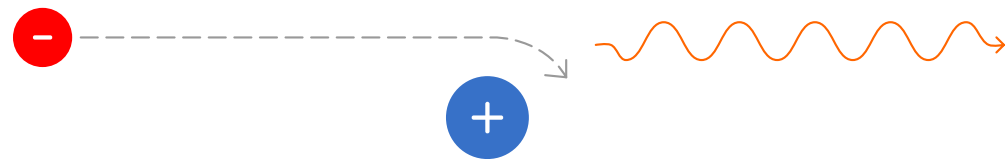
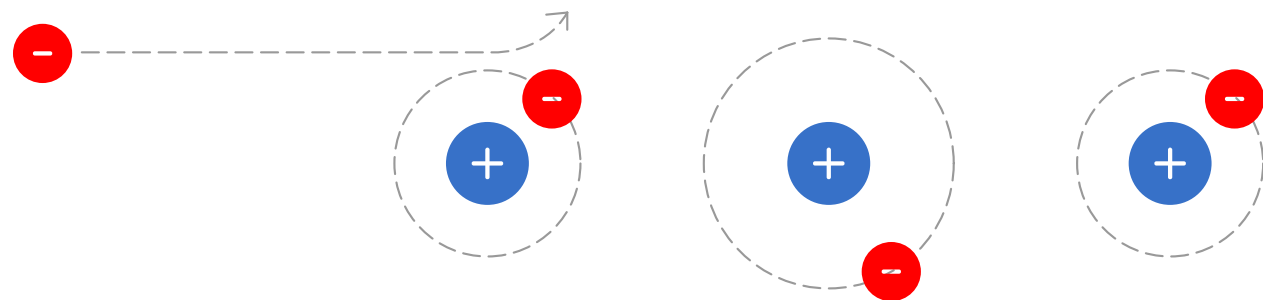


ENFRIAMIENTO DEL GAS BARIÓNICO

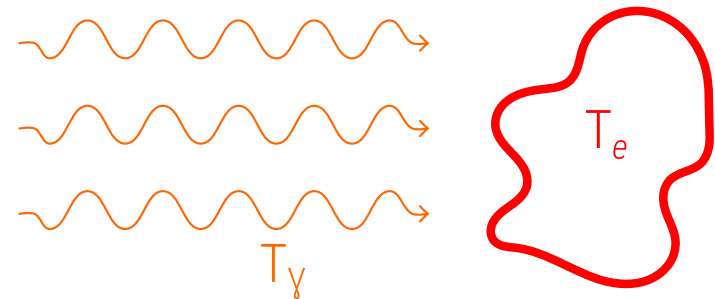
BREMSSTRAHLUNG: $T_{\text{vir}} > 10^7 \text{K}$



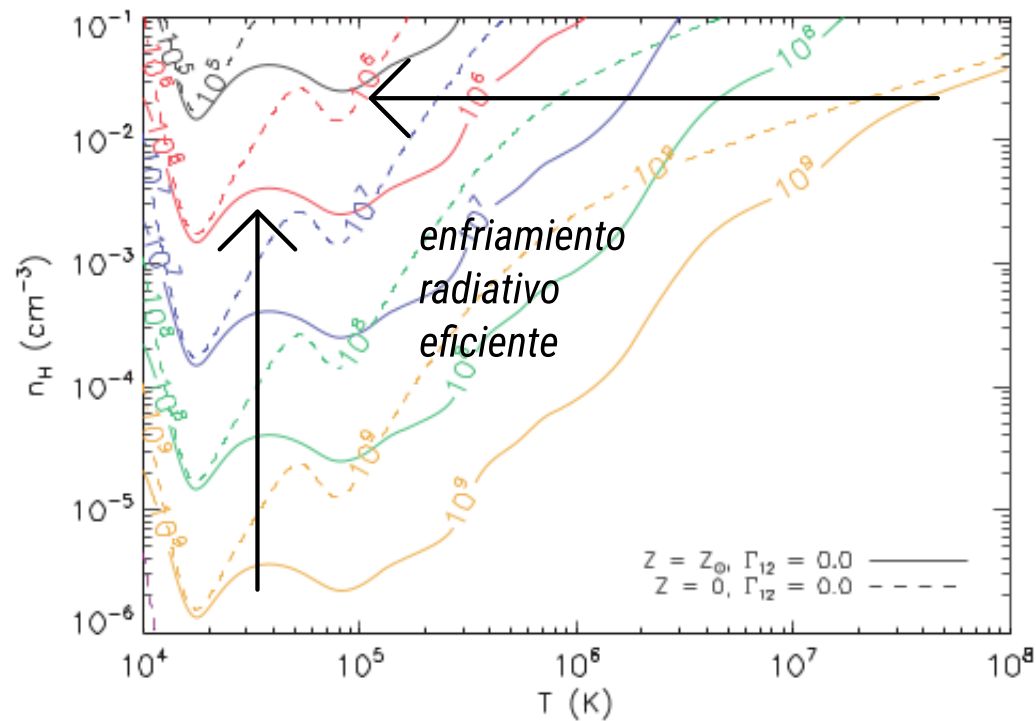
RECOMBINACIÓN: $10^4 < T_{\text{vir}} < 10^6 \text{K}$



DISPERSIÓN COMPTON INVERSA: $z > 6, T_e \gg T_\gamma$



$$\frac{\tau_{\text{compton}}}{\tau_{\text{universo}}} \approx 350 \Omega_0^{1/2} h (1+z)^{-5/2}$$



(Wiersma+2009)