$= \mathcal{C}^{2\leftrightarrow 2}_{>}[f_Q] + \partial_p (A_Q p + \partial_p B_Q)_{<} f_Q + \mathcal{C}^{2\to 3}_{>}[f] - R^{1\to 2}(x, k_\perp; \hat{q}_{<}) f_Q$ Accept these processes with p $\frac{df_g}{dt} = \mathcal{C}^{2\leftrightarrow 2}_{>}[f_g] + \partial_p \left(A_g p + \partial_p B_g\right)_{<} f_g$ Diffusion induced rad.  $\bigcirc$ Diffusion  $q < m_D$ Large-q scattering Scattering induced rad.

Multiple scattering LPM suppression  $p \sim m_D^2/\hat{q}\tau_f$ 

 $q > m_D$