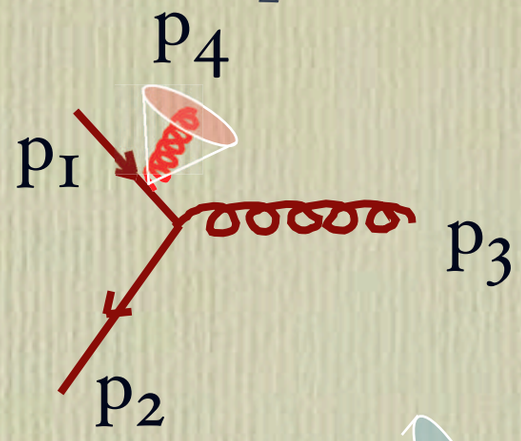
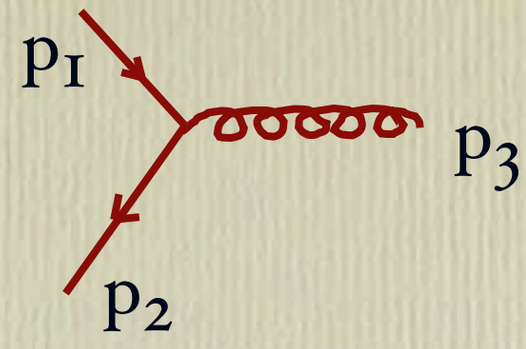
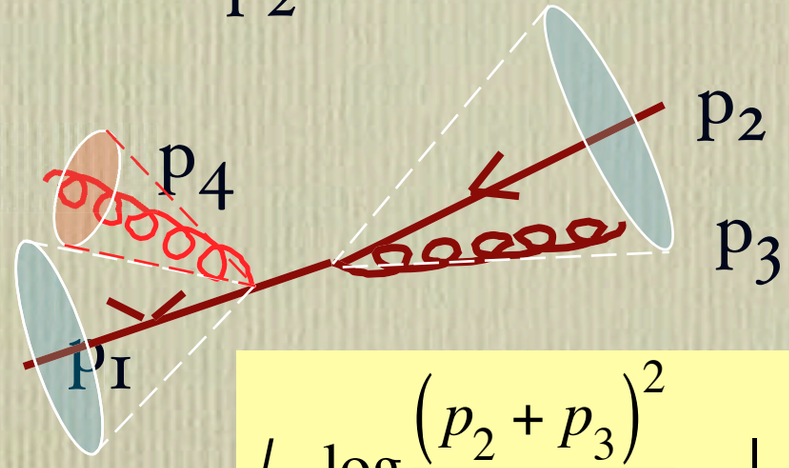
The problem of Leading-log-order double counting

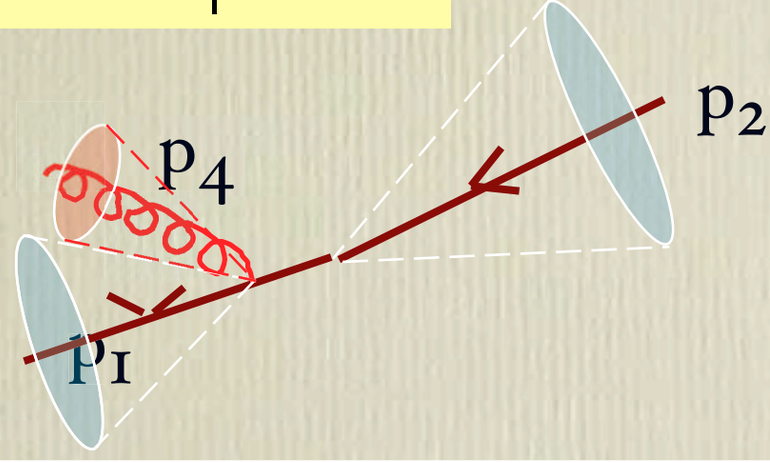


is of $\Delta(\Delta_s)$ relative to the LO process





instead gives a contribution to Δ_3"jet of order

$$/_s \log \frac{\left(p_2 + p_3\right)^2}{E_{T\ jet}^2} \quad | \quad /_s \left| \log \frac{p_T^{\max}}{p_T^{\min}} + \log \frac{1}{|R} \right| \quad \text{"O"1"}$$

Double counting, since this con" guration is already generated by showering: