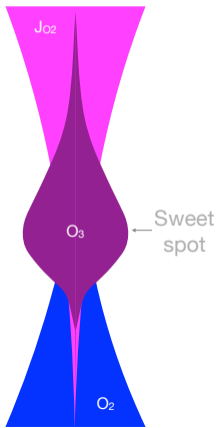


(a) Source-controlled paradigm

$$[O_3] \sim J_{O_2} [O_2]$$



(b) Source/sink competition paradigm

$$[O_3] \sim \left(\frac{J_{O_2}}{J_{O_3}} \right)^{1/2} [O_2]^{3/2}$$

