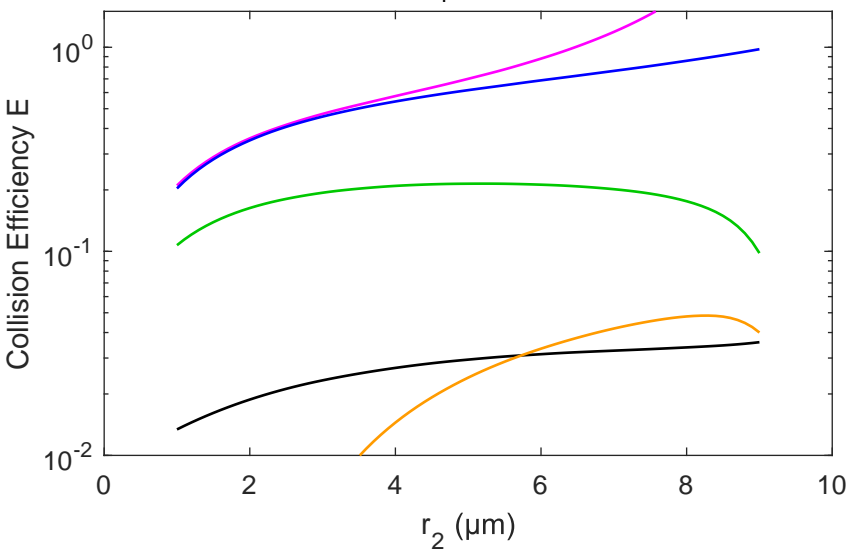


(a) $r_1 = 10 \mu\text{m}$



(b) $r_1 = 20 \mu\text{m}$

