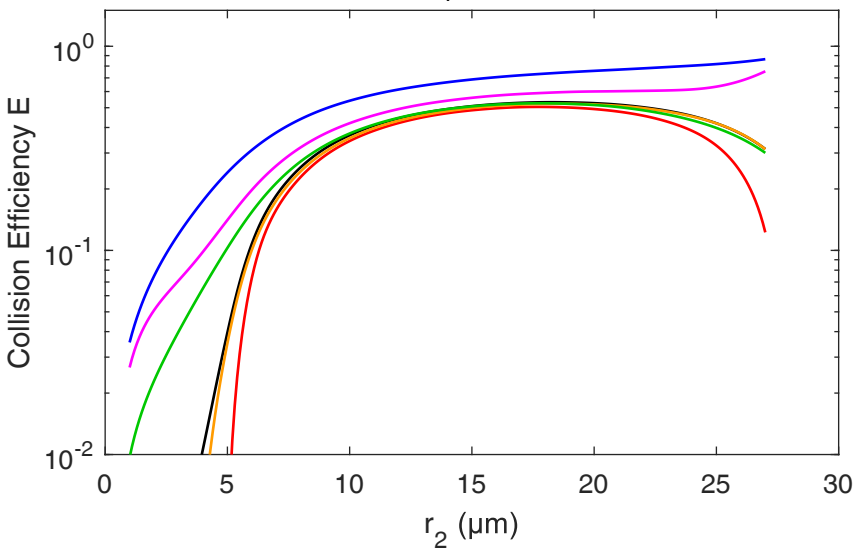


(a) $r_1 = 30 \mu\text{m}$



(b) $r_1 = 40 \mu\text{m}$

