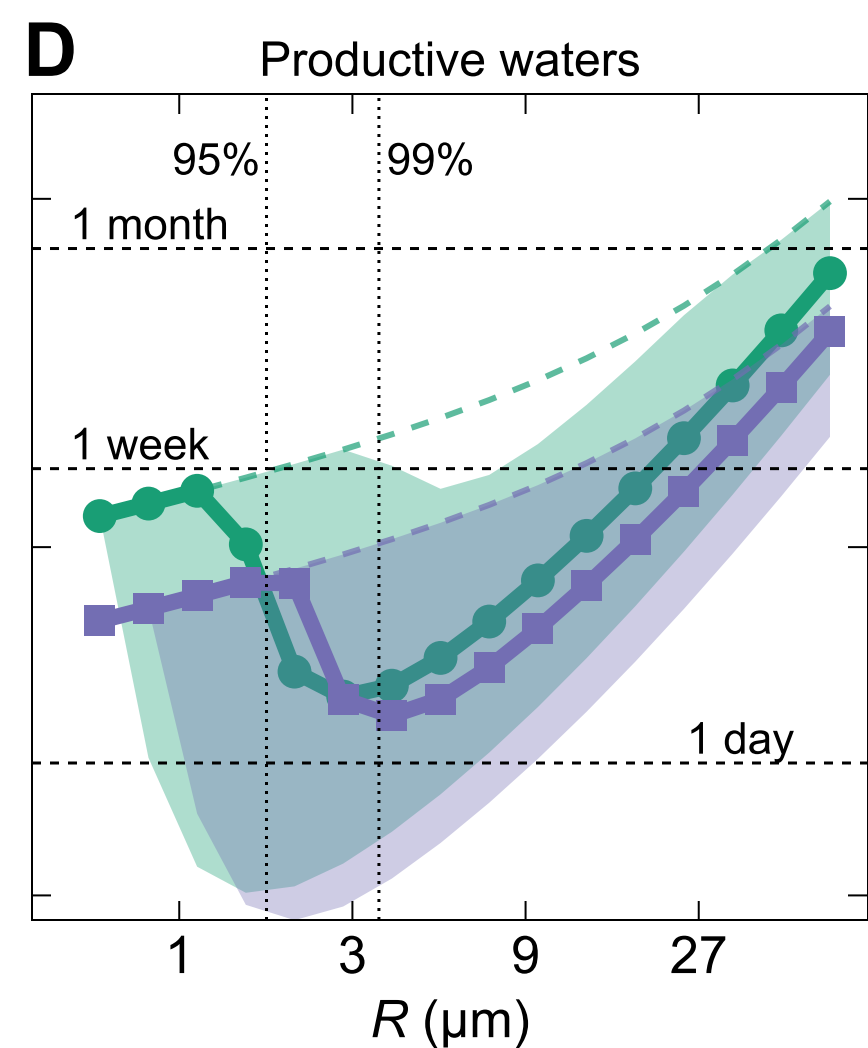


$U = 40 \mu\text{m/s}$   $T = 120 \text{ ms}$

- Random encounters (PER = 0%)
- Chemotactic encounters (PER = 20%)
- Chemotactic encounters ( $2\% < \text{PER} < 50\%$ )



$U = 80 \mu\text{m/s}$   $T = 60 \text{ ms}$

- Random encounters (PER = 0%)
- Chemotactic encounters (PER = 20%)
- Chemotactic encounters ( $2\% < \text{PER} < 50\%$ )