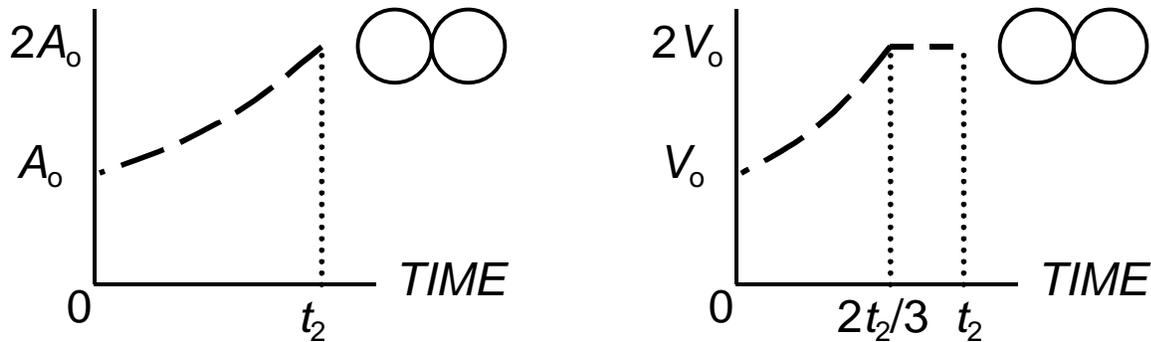


# AREA DISTRIBUTIONS

IF SURFACE AREA GROWS FASTER THAN VOLUME  
(E.G., PERMEABILITY DEPENDS ON CURVATURE)



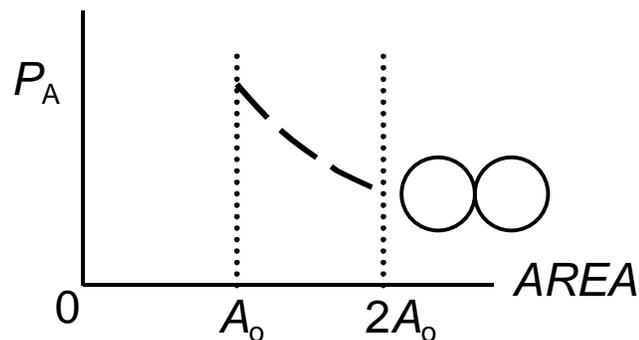
DOUBLING TIME FOR AREA IS

$$t_2 = \ln 2 / \lambda$$

PROBABILITY DISTRIBUTION CAN BE FOUND FROM

$$P_A = (dt / dA) / t_2$$

$$= 1 / (A \ln 2)$$



WIDTH OF THIS DISTRIBUTION IS

$$(A^2 / A_{AV}^2 - 1)^{1/2} = 0.20$$