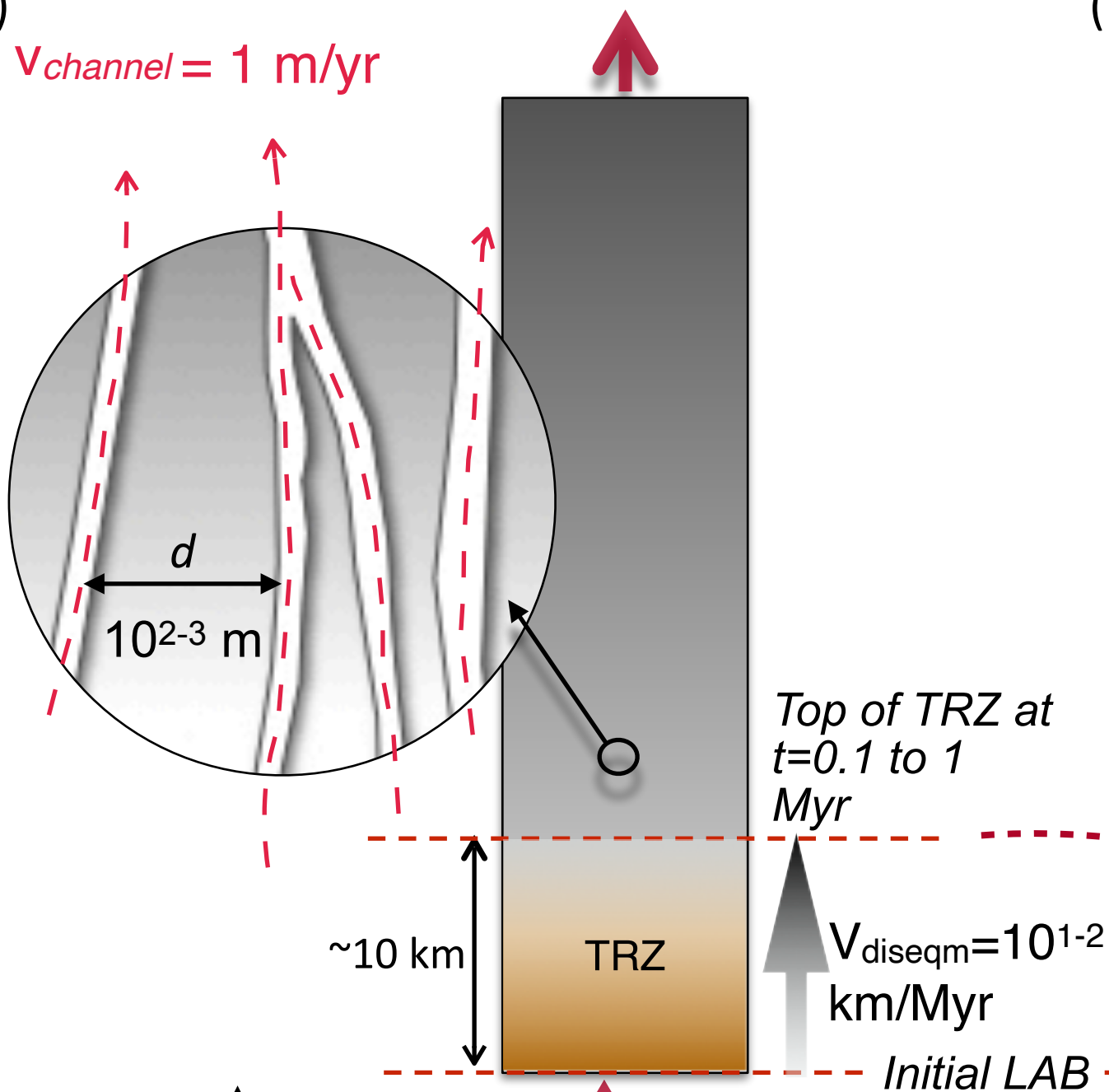


(a)

 $v_{channel} = 1 \text{ m/yr}$ 

(b)

