

(a)

Seismic and aseismic slip

$$\sigma = W/10$$

$$\Delta h = 50 \text{ m}$$

 $x \text{ (km)}$

200
150
100
50
0

0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1

 $y/(TV_R)$ **(b)**

Only seismic slip

$$\sigma = 3.3W$$

$$\Delta h = 50 \text{ m}$$

 $x \text{ (km)}$

200
150
100
50
0

0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1

 $y/(TV_R)$