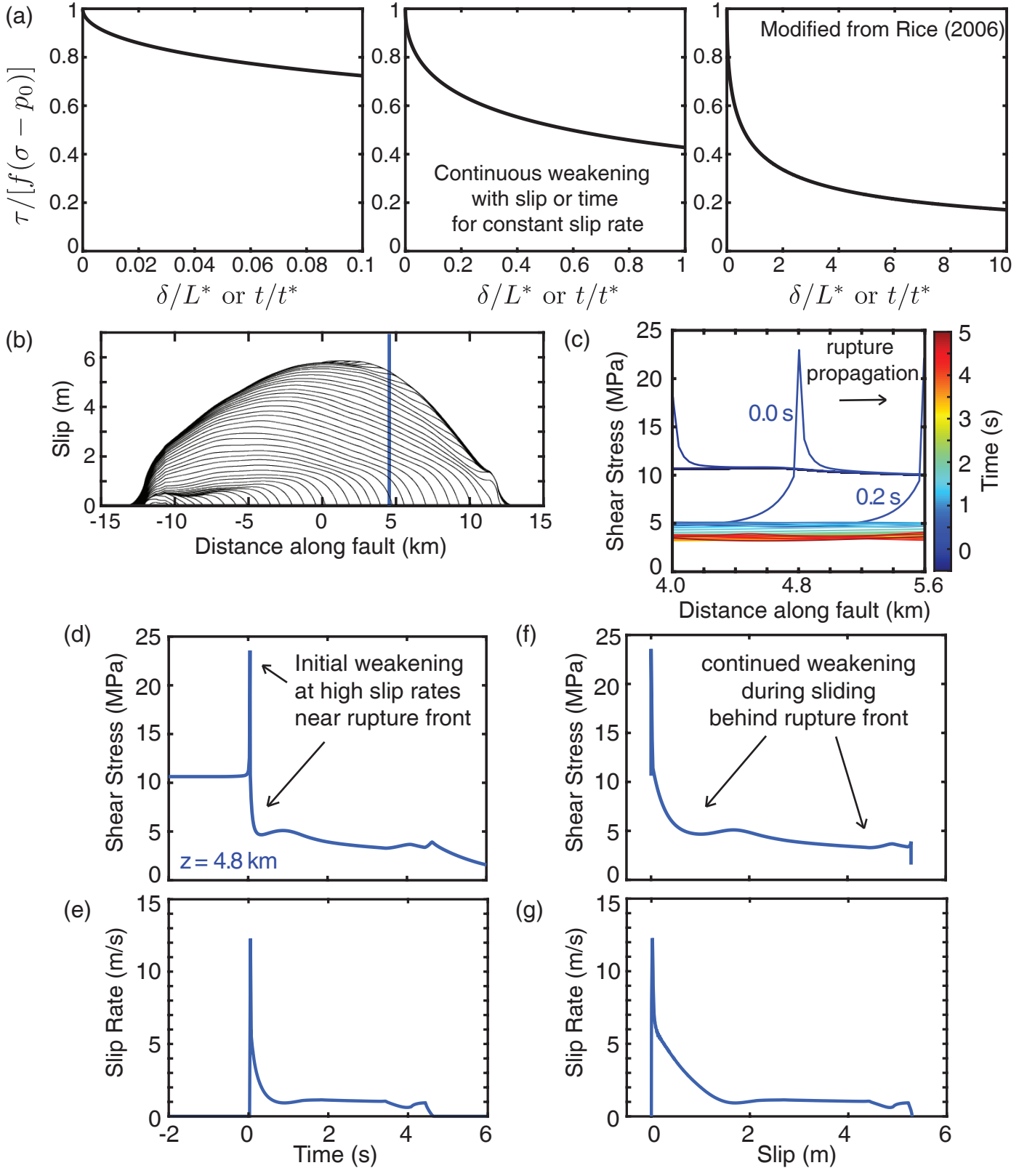
(a)
$\tau/[f(\sigma - p_0)]$
δ/L^* or t/t^*
Continuous weakening
with slip or time
for constant slip rate
Modified from Rice (2006)
(b)
Slip (m)
Distance along fault (km)
(c)
Shear Stress (MPa)
Distance along fault (km)
Time (s)
rupture
propagation
0.0 s
0.2 s
(d)
Shear Stress (MPa)
Initial weakening
at high slip rates
near rupture front
z = 4.8 km
(e)
Slip Rate (m/s)
Time (s)
(f)
Shear Stress (MPa)
continued weakening
during sliding
behind rupture front
(g)
Slip Rate (m/s)
Slip (m)