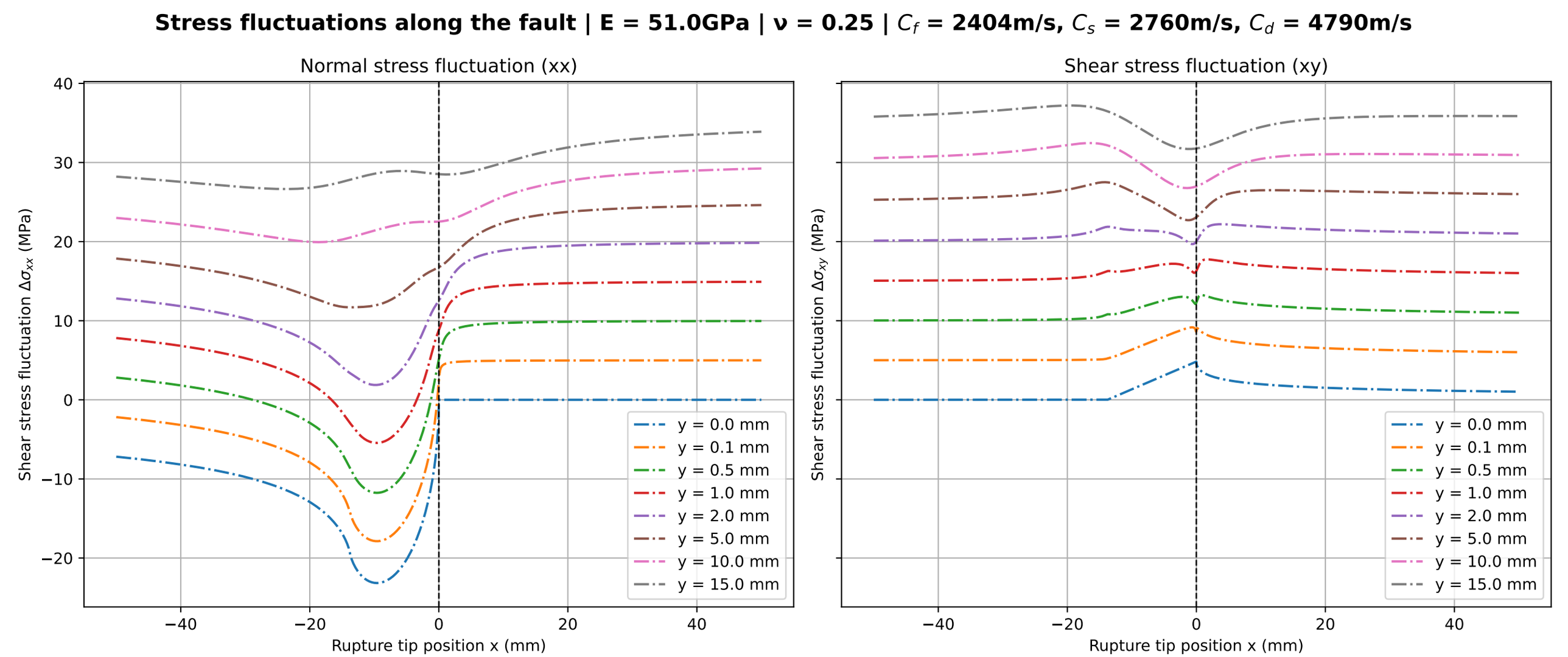
Stress fluctuations along the fault | E = 51.0GPa | ν = 0.25 | C_f = 2404m/s, C_s = 2760m/s, C_d = 4790m/s
Normal stress fluctuation (xx)
Shear stress fluctuation (xy)
Shear stress fluctuation $\Delta\sigma_{xx}$ (MPa)
Shear stress fluctuation $\Delta\sigma_{xy}$ (MPa)
Rupture tip position x (mm)
Rupture tip position x (mm)
y = 0.0 mm
y = 0.1 mm
y = 0.5 mm
y = 1.0 mm
y = 2.0 mm
y = 5.0 mm
y = 10.0 mm
y = 15.0 mm
40
30
20
10
0
−10
−20
−40
−20
0
20
40