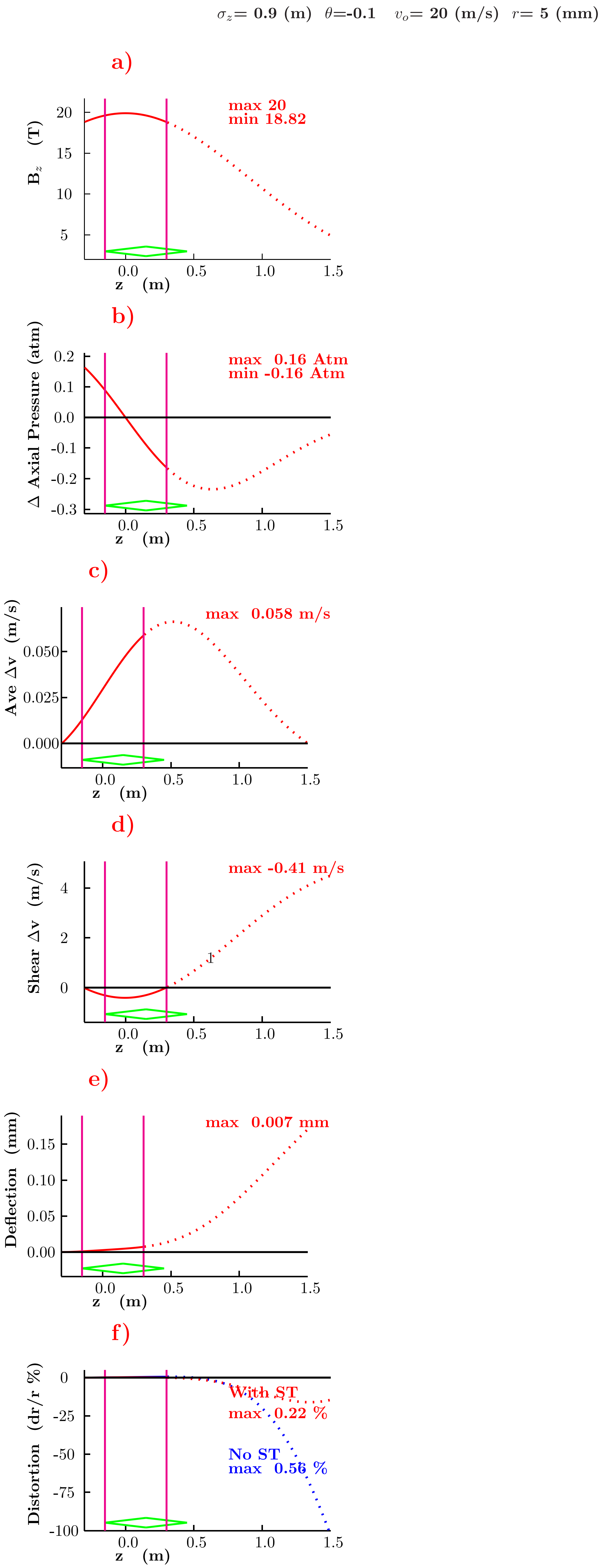

σz= 0.9 (m) θ=-0.1 vo= 20 (m/s) r= 5 (mm)
a)
Bz (T)
max 20
min 18.82
z (m)
b)
Δ Axial Pressure (atm)
max 0.16 Atm
min -0.16 Atm
z (m)
c)
Ave Δv (m/s)
max 0.058 m/s
z (m)
d)
Shear Δv (m/s)
max -0.41 m/s
z (m)
e)
Deflection (mm)
max 0.007 mm
z (m)
f)
Distortion (dr/r %)
With ST
max 0.22 %
No ST
max 0.56 %
z (m)